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# **Earnings announcements and stock market returns**

## **An event study of the Nordic market**

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## **Abstract**

We have examined the effects of quarterly earnings announcements on stock returns, in the Nordic market. Our main objective, is to test market efficiency using the event study methodology. Earlier research has found evidence of drift in stock return, following earnings announcements. We therefore examine both the pre- and post-announcement period. Three different time-series models are used to capture the earnings surprise. The earnings are categorized into three categories; good news, bad news and no news. Our results show that the Nordic market reacts quickly to earnings announcement, and that earnings have information value. However, we find significant post-announcement drift for good news in the aggregated Nordic market, and for companies with low market capitalization. We also find significant reactions before the announcement of good news, both for the aggregated Nordic market and for each country, except Denmark.

## **Sammendrag**

Vi har undersøkt effektene av kvartalsvise resultatkunngjøringer på aksjeavkastninger, i det nordiske markedet. Vi tester markedseffisiens ved å bruke event-studie metodologi. Tidligere forskning har funnet bevis for drift i aksjeavkastninger, som følge av resultatkunngjøringer. Vi undersøker derfor både perioden før og etter annonseringen. Tre forskjellige tidsseriemodeller brukes til å fange opp den uventede resultatkunngjøringen. Resultatkunngjøringene er delt opp i tre kategorier; gode-, dårlige- og ingen nyheter. Våre resultater viser at det nordiske markedet reagerer raskt på resultatkunngjøringer, og at resultatkunngjøringer har informasjonsverdi. Vi finner signifikant PEAD for gode nyheter på det aggregerte nordiske markedet, og for selskaper med lav markedsverdi. Vi finner også signifikante reaksjoner før annonseringen av gode nyheter, både for det aggregerte nordiske markedet og for hvert enkelt land, unntatt Danmark.

## Preface

This thesis is written as a final part of the Master's Programme in Business Administration at Oslo and Akershus University College of Applied Sciences, in the field of Financial Economics.

The motivation for writing this thesis comes from a fascination with the efficient market hypothesis, and how using large amounts of data makes it possible to analyze the reaction of different market participants. We are especially interested in the relationship between finance and accounting, and the announcement of earnings gives the opportunity to examine how the market reacts to this information. The handling and analyzing of our data has been a challenging process. However, it has been a very educational and interesting experience.

We would like to thank our supervisor Muhammad Azeem Qureshi for his contribution and feedback during the process. We would also like to thank Andreea Ioana Alecu for valuable help with programming and analyzing data in R.

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# 1 Introduction and Research Question

“A market in which prices always “fully reflect” available information is called “efficient”” (Fama 1970, 383)

Market efficiency is one of the fundamental assumptions, regarding the valuation of a stock market. A well-functioning capital market is essential for a reliable valuation of the market, and for the allocation of resources. In efficient markets, the price reflects all information that is available to the market participants. When new information is introduced to the market, the price changes instantly. Many papers over the past 70 years have been focused on this theme, both advocating it and contradicting it. One way to test market efficiency, is by examining stock market reactions to earnings announcements. Other announcements like mergers, stock splits and dividends, can also be used to test market efficiency.

In this master thesis, we will examine stock market reactions to earnings announcements. We use the event study methodology to examine market efficiency in the Nordic market.

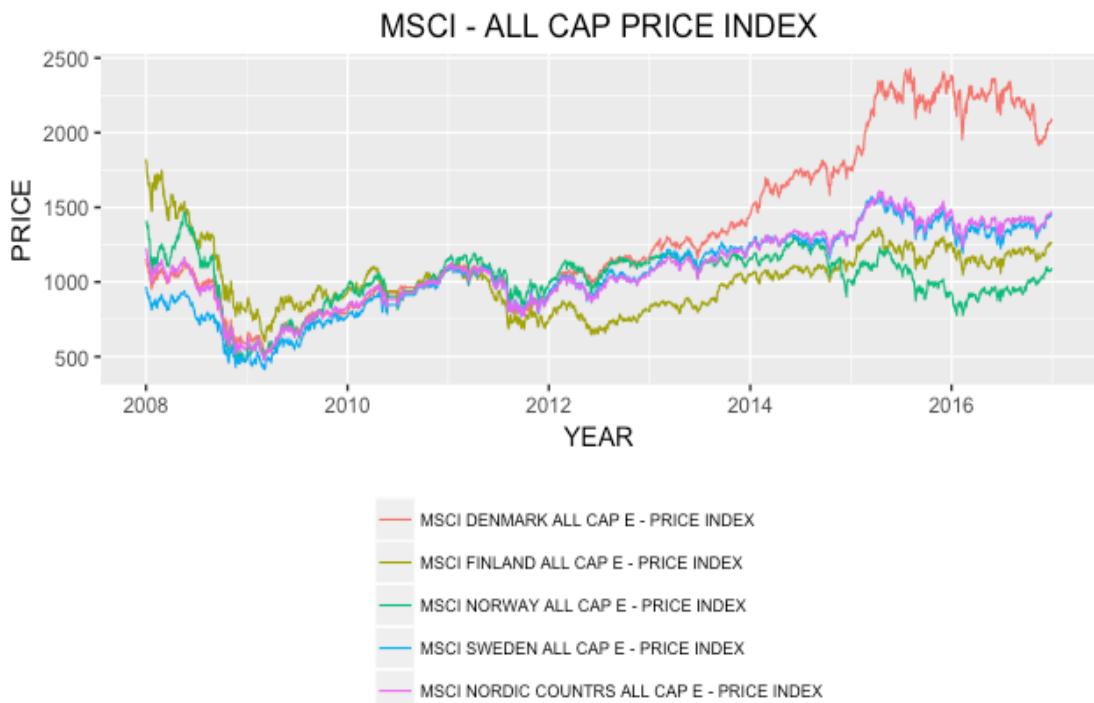
Anomalies are potential contradictions to the efficient market hypothesis. One of the most lasting and debated anomaly, is the post-earnings announcement drift (PEAD). If the market is efficient, there should not be a consistent systematic abnormal return in the time after the event. “Post-earnings announcement drift is the tendency for a stock’s cumulative abnormal returns to drift in the direction of an earnings surprise for several weeks following an earnings announcement” (Livnat and Mendenhall 2006). If anomalies such as the PEAD effect exists, it could be exploited using a trading strategy to earn an abnormal return.

Most of the studies on market efficiency, earnings announcements and the PEAD, are based on the US market. Our sample for this master thesis, is the Nordic market. Earlier studies on the Nordic market have focused on individual countries. Lessard (1974) examined the international structure of returns, and pointed out that there is a low correlation between national markets. We therefore find it interesting to examine both the different countries and the aggregated market. To our knowledge, there are no studies examining both the aggregated Nordic market, and potential differences between the countries with regards to earnings announcements. Our thesis therefore provides research on a new market, and reflects a more recent time period.

Nordic market consists of the countries Denmark, Finland, Iceland, Norway and Sweden. The countries have many similarities both in the legal structure, government, business environment and resources. Cavaglia, Brightman, and Aked (2000) examined the importance of country factors and industry factors, for security returns in the period from 1986 until 1999. Their findings show that industry factors are increasing in importance, and might dominate country factors. This could indicate that the industry structure within a country, might be an explanation for country differences. In the Nordic market the industry structure differs. We will therefore examine potential differences between industries, with regards to earnings announcements. The companies in the Nordic market, also differ with regards to company size and liquidity. In addition to the industry factor, we will therefore also examine how companies with different size and liquidity react to earnings announcements.

Our sample period is from first quarter 2011 until fourth quarter 2015. During this period, the stock market in the individual Nordic countries, evolved differently. This is illustrated by the All-Share Indexes in Figure 1.1. For instance, in Denmark, the average yearly return in our sample period was 15,10%, while the average yearly return in Norway was -4,38%, with average yearly standard deviation of 17,00% and 21,78%, respectively. This could give the opportunity to examine the announcement of earnings under different market conditions, in comparable countries.

The graph in figure 1.1, shows the price development in the different countries between 2008-2016, represented by the MSCI All Cap Price Index.



*Figure 1.1: MSCI All Cap Price Index*

## 1.1 Research Question

Our main research question is:

- Does the stock return react efficiently to the announcement of quarterly earnings?

Other sub questions to answer our main research question are:

- Does the Nordic market experience post-earnings announcement drift?
- Are there any differences between the countries in the Nordic market, regarding market efficiency and post-earnings announcement drift?

Our thesis is divided into 6 sections. Section 2 contains a review of earlier research on the information content of earnings announcements, efficient markets, anomalies and opposing theories to efficient markets. The assumption that earnings announcements have news value to capital markets, is essential when testing market efficiency. Earlier studies have provided evidence regarding the information content of earnings announcements. Quarterly earnings per share (EPS), as we use in our thesis, are considered to have news value when they are unexpected by the market participants.

In section 3, we will present our sample data, collection and selection criteria. We have imposed different criteria on our dataset and the opportunity to generalize our results might be limited. Our sample only includes non-financial companies with a history of at least 8 years. Our methodology is presented in section 4. In this section, we will review earlier research on both time series properties of earnings, different expectation models and the event study methodology. Section 5 and Section 6 contains our analysis and conclusion.

## 2 Literature review and background

### 2.1 Introduction

Empirical research on the relationship between capital markets and financial statements, has a long history. In a review over this research, Kothari (2001) counts over 1000 published papers over the last three decades. The motivation and demand for this quantity of research on a topic, can be divided into four categories:

- fundamental analysis and valuation,
- test of capital market efficiency,
- role of accounting in contracts and in the political process, and
- disclosure regulation (Kothari 2001, 108).

In early research on capital markets, there was a lack of consensus on the optimal set of accounting principles. This lead to a skepticism about the usefulness of reported statements. Because of lack of empirical evidence on the subject, much of the early research referred to the information content of financial statements. The research provided evidence of the information content, and introduced a positive empirical methodology and event study research design (Kothari 2001). Event studies have been used both to test if the market is efficient, and with the assumption that the market is efficient, to test if the information announced, has news value to the market.

In the following sub sections, we will present earlier research on the information content of earnings, both in the Global- and the Nordic market. These results provide evidence of the usefulness of earnings announcements, and describe the link between earnings and stock return. Further, we will present the efficient market hypothesis which is a fundamental assumption, when determining the fair value of assets. The efficient market hypothesis states that new information is immediately reflected in the market. How quickly the market incorporates the news, will then show how efficient the market is. As an alternative to the efficient market hypothesis, the anomalies literature provides examples of inefficiency. Theories of behavioral finance, seek to explain an alternative theory to the efficient market hypothesis. PEAD is one of the anomalies that have not been fully explained by imposing

appropriate risk and statistical corrections. Earlier research and possible explanations for the PEAD will be presented last, and complete our literature review and background.

## **2.2 Information content and value relevance of earnings**

“In an efficient market, firm value is defined as the present value of expected future net cash flows, discounted at the appropriate risk-adjusted rate of return” (Kothari 2001, 108-109).

Earnings announcements represent summarized information on the current performance of a company. This information can also be helpful, when assessing the future value of the company. The intrinsic value in fundamental analyses, can be calculated based on both past and current financial statements, and industry and macroeconomic data. Earnings and book values act as proxies for the current value of a company. Earnings can either be reinvested by the company and increase/decrease book values, or be paid back to shareholders as dividends. Changes in earnings, can then be considered as valuable new information, when assessing the future value and stock price of the company.

### **2.2.1 Global research**

The information content of earnings announcement has been investigated by many papers over the years, by examining how well the market incorporates the information. Ball and Brown (1968) were among the first to examine the information content of earnings in the US market. They conducted an empirical test of the usefulness of accounting income, where they found that the annual accounting income is useful, and related to the stock price. According to the hypothesis of efficient markets, prices adjust quickly to new information. Changes in market prices can therefore reflect the information flow, and provide evidence of how useful the market participants perceive this information to be. They also point out that the change in income of companies, historically have had a tendency to move together. This can be associated with “economy-wide effects”. Another part of the change in income that does not necessary provide new information is the “policy-effect”, which is defined as financing and other policy decisions made by the company. When extracting these expected changes from the actual income change from one period to the next, they get the unexpected change, or forecasting errors (Ball and Brown 1968).

Beaver (1968) used the volume and price movements of stocks to examine the information content of earnings in the US market. He points out two reasons why earnings might lack information value; measurement error in earnings and other sources of information. The approach he used, does not require an expectation model of investors. Even if neither the direction or magnitude is possible to specify without the expectations model, he points out that variability of price changes may be greater at the announcement of earnings than during the rest of the year. Volume is also an indicator of a lack of consensus about the stock price. This can be observed by an increase in volume when new information is introduced, because the investor might be interpreting the results differently, before arriving at a new consensus (Beaver 1968).

Research have been done on both the annual and the interim reporting. Earlier research, for instance the work of Beaver (1968) and Ball and Brown (1968), was done on annual announcements. In later research, it is common to use interim data. Brown and Kennelly (1972) addressed the usefulness of quarterly EPS, and conclude that the use of quarterly data instead of annual, improves the predictability of the EPS series.

Cash flow is also suggested by the literature as a useful indicator of company value. Dechow (1994) studied the differences between accounting earnings and cash flow in the US market, in the period between 1960-1989. She points out that over finite intervals, reporting realized cash flows, are not necessarily informative. The reason for this, is that they have timing- and matching problems, that cause them to be a noisy measure of firm performance. Accruals are used to mitigate the timing and matching problems of cash flow, so that earnings potentially better reflect company performance. This can introduce a new problem with the reliability of earnings. The management has an opportunity to manipulate or signal private information, through the use of accruals.

DeFond, Hung, and Trezevant (2007) provide international research on the information content of annual earnings announcements, to identify structural factors that might explain cross-country differences. They found earnings to be more informative in countries with higher quality of earnings, better enforced insider trading laws, and higher investor protection.

## 2.2.2 Nordic Research

Earlier findings in the Nordic market is especially interesting for this master thesis. Kallunki (1996) investigated earnings announcements and stock returns in Finland, in the time period 1990-1993. He used both the market model and an alternative risk estimating approach, because the Finnish market is a thinly traded stock market at the time of his analysis. He found a significant market reaction to earnings announcements.

In Norway, Eilifsen, Knivsflå, and Sættem (2001) examined the variability of stock return for companies traded on the Oslo Stock Exchange, in the period between 1990-1995. They investigated the assumption that earnings announcements reduce the information asymmetry among investors. They found a significant reduction in the stock price volatility in the post-announcement period, compared to the pre-announcement period. They interpret this as a reduction in information asymmetry between investors. Gjerde, Knivsflå, and Sættem (2011) tested the value relevance of financial reporting in Norway between 1965-2004. Value relevance is defined as “the ability of financial statement information to reflect the firms value” (Gjerde, Knivsflå, and Sættem 2011, 113). They found that earnings have value relevance in Norway, and that it has increased during the period they examined.

Sponholtz (2008) examined the information content of earnings announcements in Denmark in the period from 1999-2004. The findings show abnormal volatility in the days surrounding an event, indicating that the information has value to the stock market. However, there is also evidence suggesting a slow adjustment to the information. Correlation between the information content and pre-disclosed information is positive, interpreted as a low level of pre-announcement information. She points out that Denmark is a small market, and that small size markets can experience less development and less investor sophistication. This can lead to less pre-announced information.

When examining the information content of earnings, the earnings quality could be an important factor for how the market perceives the information. Setterberg (2011) examined earnings quality and the implied cost of equity capital in the Swedish market, in the period 1994-2008. She suggested an association between low earnings quality and a higher implied cost of equity capital. She found information risk to be a priced risk factor.

## 2.3 Efficient markets

### 2.3.1 The efficient market hypothesis

According to Fama (1965), an efficient market is defined as “a market where, given the available information, actual prices at every point in time represent very good estimates of intrinsic values” (Fama 1965, 90). Fama (1970) describes some of the market conditions that are consistent with efficiency:

- there are no transaction costs in trading securities,
- all available information is costlessly available to all market participants, and
- all agree on the implications of current information for the current price and distributions of future prices of each security (Fama 1970, 387).

These conditions are strict and rarely the case of real market conditions. Weaker forms of the requirements are still considered to be in line with market efficiency. For example, the market is still considered to be efficient, as long as a sufficient number of the market participants have access to the available information.

The degree of efficiency can be divided into three parts, based on different information subsets: weak-, semi-strong- and strong form. The weak form of market efficiency assumes that the price reflects all information regarding historical prices. In semi-strong form, the price also includes information related to public announcements. In strong form of market efficiency, it is assumed that prices also reflect private or inside information.

The efficient market hypothesis is fairly strict. The distinction between weak-, semi-strong- and strong form, is used to capture at which level of information the hypothesis breaks. Early studies focused on testing the weak form, and have found support for efficiency on this level. This means that investors using historical prices, can not earn an abnormal return. Kendall and Hill (1953) studied the serial correlations on share prices and spot prices, and the results imply that the prices are random, and therefore unpredictable. Later studies describe this as a random walk process (Fama 1995).

“Studies of the semi-strong form of the efficient markets hypothesis can be categorised as tests of the speed of adjustments of prices to new information” (Dimson and Mussavian 1998, 95). Several studies have examined the effects of public announcements, and found support for the efficient market hypothesis at this level. Ball and Brown (1968) studied the effects of annual earnings, and found that most of the information from the earnings announcements had been anticipated by the month of the announcement. A more recent study was done by Patell and Wolfson (1984), where they examined the intraday speed of price adjustment to earnings and dividend announcement. They found that the largest portion of the price response, occurs after only five to fifteen minutes.

Developed markets are often considered to adjust quickly to news, and have been the focus for most of the earlier studies of efficiency. Later research has also examined the efficiency in emerging markets. Sehgal and Bijoy (2015) analysed stock price reactions to quarterly earnings announcements in India, in the period from 2002 until 2011. They found that 32 out of 37 quarters had significant pre-event abnormal returns. According to their findings, the Indian market is not semi-strong efficient. Investors therefore have the possibility of applying different trading strategies to earn an abnormal return.

Results from studies on the strong form of market efficiency, show that this form is not strictly valid. People with monopolistic access to information may be able to earn abnormal returns, but most countries have laws forbidding the use of inside information. Finnerty (1976) found that insiders trading on their own companies, were in fact able to perform better than the market, at least in the short-run.

### 2.3.2 Market anomalies

Anomalies are unexpected price behavior or irregularities, that are not consistent with the prediction of the efficient markets hypothesis. Several studies have researched the existence of market anomalies. Many of the anomalies have been explained, once appropriate risk and statistical corrections have been made. Extensive trading on the documented anomalies, might have lead to their disappearance. However, some anomalies still exist.

The size effect is a well known anomaly. Banz (1981) studied the relationship between a common stock return and the market value of a company. He found that the relationship

between expected return and the market risk of a security, is not linear. This is contradictory to the linear relationship, suggested by the capital asset pricing model. His findings show that smaller firms have higher risk adjusted returns. The size effect has been the subject of many studies, and according to Schwert (2002) it seems to have disappeared. Contradictory to this, Fama and French (2012) examined the international market and found that the value premium is larger for small stocks, indicating that this anomaly might still exist.

Another anomaly is the turn-of-the-year effect. Keim (1983) found that the month of January had a higher daily abnormal return distribution, than the other months within a year. He also studied the empirical relation between abnormal returns and market value of common stocks in the US. The findings show a negative relationship between size and abnormal return. This is consistent with the size effect anomaly. Ritter and Chopra (1989) used a value-weighted portfolio. Similar to the findings of Keim (1983), they found that the risk-return relation was positive in January for small firms, but not for large firms.

Basu (1977) examined the value effect in the US, by looking at the relationship between the price-earnings (P/E) ratio and the investment performance of a security. P/E ratios are assumed to contain information regarding investors expectations about the future. He found that securities with low P/E ratios had on average a higher absolute and risk-adjusted rate of return, than securities with higher P/E ratios. The hypothesis in Ball (1978) is that the abnormal return exists because of misspecification in the capital asset pricing model, and hence earnings act as a proxy for the omitted variable. The book-to-market (BTM) ratio is also used to examine the value effect. Companies possessing a high BTM ratio is characterized as value firms (Auret and Cline 2011). Rosenberg, Reid, and Lanstein (1985) found that value firms had a higher average return than other firms.

The momentum effect is another known anomaly. Bondt and Thaler (1985) studied the US market in the period between 1926-1982, where they constructed two different portfolios conditioned upon past excess returns. They found that their loser portfolio outperformed the market 36 months after the construction of the portfolio. The winner portfolio earned on average 5% less than the market in the same period. Jegadeesh and Titman (1993) found that for the period 1965-1989, a strategy of doing the opposite earned an abnormal return. “[...] past winners realize consistently higher returns around their earnings announcements in the 7 months following the portfolio formation date than do past losers” (Jegadeesh and Titman

1993, 67). Fama and French (1996) applied a three-factor model to test if anomalies, such as the size effect and the value effect, disappear. The three-factor model is able to explain the reversal of long-term returns found by Bondt and Thaler (1985). However, it fails to explain the short-term returns found by Jegadeesh and Titman (1993). A four-factor model is therefore suggested to capture the momentum effect.

The abnormal volume anomaly is reviewed by Gerard (2012). He examined the effects of earnings announcements on abnormal trading volume in the European market, from 1997 until 2010. The abnormal volume anomaly is the tendency of high volume stocks to outperform low volume stocks, following an earnings announcement. Potential explanations for this anomaly, includes model miss-specification, behavioral biases and a risk-based explanation.

### **2.3.3 Behavioral finance and inefficient markets**

In recent years, the efficient market hypothesis has been criticized, and alternative theories have been presented. A common assumption in finance and economics is rationality. Rationality is making decisions based on facts and information. A rational decision is the optimal and logical decision, and is often made without any special emotions concerning the choice. According to Thaler (2005), investors are not able to process all of the available information in a rational way, because of cognitive biases. Daniel, Hirshleifer, and Subrahmanyam (1998) proposed a theory where investors both under- and overreact to new information. According to their theory, investors overreact to private information, while public information causes an underreaction. Earnings announcement might therefore suffer from an underreaction, where for instance the good news category continues to drift after the announcement.

“Behavioral finance specifically questions the efficiency of financial markets.” (Burton and Shah 2013, 2). Evidence of under- and overreaction to news, is conflicting with the efficient market hypothesis, because it allows investors to earn higher returns without taking on extra risk. To understand how investors form their beliefs about a stocks performance, which in turn leads to an under- or overreaction, Barberis, Shleifer, and Vishny (1998) developed a model of investor sentiment. Their model is based on psychological evidence regarding conservatism and the representativeness heuristic.

Shefrin (2002) divides behavioral finance into three themes: heuristic-driven bias, frame independence and inefficient markets, and explains how behavioral finance and traditional finance differs. Heuristic-driven bias is concerned with whether or not financial practitioners rely on rules of thumb, and therefore make errors. Heuristic simplification is the process of decreasing both the amount and complexity of information, in order to make decisions or estimates, before fully digesting all the available information (Baker and Nofsinger 2002). According to behavioral finance, rules of thumbs are used by financial practitioners. Traditional finance field argue that financial practitioners use statistical tools when processing data (Shefrin 2002). Frame dependence is the second behavioral theme, and questions whether the form and substance of a decision problem, influence practitioners. According to behavioral finance, the individual's perception of risk and return, are dependent on how the decision problem is framed. In traditional finance, it is assumed that the individual has an objective view of risk and return, when making a decision (Shefrin 2002). According to the efficient market hypothesis, the trades of irrational investors do not influence prices. The trades are either random, and if there are multiple irrational investors, arbitrageurs in the market will eliminate their influence on prices (Shleifer 2000). On the other hand, behavioral finance argues that because of the heuristic-driven bias and frame dependence, the irrational investors do affect the prices (Shefrin 2002).

## 2.4 Post earnings announcement drift (PEAD)

"There is a large body of evidence that suggests that the stock market underreacts to earnings information and recognizes the full impact of the earnings information only gradually over time" (Kothari 2001, 130).

Earlier studies on the post earnings announcement drift was mainly done on the US market. Ball and Brown (1968) were among the first to detect drift in stock prices, related to the announcement of financial statements. The results of their study showed an upward drift in the estimated cumulative abnormal return, after the announcement of good news. After the announcement of bad news, they found a downward drift. Jones and Litzenberger (1970) also found evidence that the market gradually reacts to the announcements of quarterly earnings.

This underreaction can potentially contradict the hypothesis of efficient markets. Foster, Olsen, and Shevlin (1984) found that systematic drift in the return of a security, was only present in a subset of earnings models, used to estimate the unexpected earnings component. Bernard and Thomas (1989) also found a drift effect in the US market. They used an investment strategy based on a long position in companies with high earnings surprises, and a short position in companies with low earnings surprises.

Studies have also been done on the European market, and previous findings in the Nordic market is especially interesting for our thesis. Setterberg (2011) studied the Swedish stock market and found evidence of both PEAD and a momentum effect in returns. The methodology used in this study, is a trading strategy based on a long position in the decile of stocks with the highest standardized unexpected earnings (SUE), and a short position in the decile of stocks with the lowest SUE. This method imitates the behavior of an investor, and uses buy and hold return (BHAR) to calculate the abnormal return. The different portfolios are formed the day after the announcement, to avoid hindsight bias. Kallunki (1996) examined stock returns and earnings announcements in Finland. The findings show that there is a delay in market reactions to negative earnings announcements, but not for positive earnings announcements.

#### **2.4.1 Explanations of post-earnings announcement drift**

A variety of possible explanations of PEAD, have been suggested in the literature. The methodology and research design used in the different studies, differs. When estimating the market expectations, different expectation models are used. Examples are models based on time series predictions of earnings, analyst forecast or models based on the stock price. Different approaches are also used to scale the earnings surprise and for estimating the normal return.

Foster, Olsen, and Shevlin (1984) suggested four possible explanations of drift:

- the misspecification of the asset pricing model explanation
- use of hindsight information explanation
- the time period explanation
- information market explanation

The misspecification of the asset pricing model explanation, refers to different asset pricing models, used for estimating normal return. The explanation concerning the use of hindsight information, is that the information needs to be publicly available at the time of the event. One way to ensure this, is to use actual announcement dates. Survivorship bias is also problematic, with regard to the use of hindsight information. Survivorship bias is when only the surviving companies within the sample period, are included. Investors using drift in earnings as a trading strategy, would have a difficulty predicting beforehand, which companies that will survive. The time period explanation, refers to differences in drift in different time periods. One explanation is that the market learns over time, and inefficiencies disappear. The information market explanation, refers to the barriers and cost of the market information. Larger companies are argued to have a fairer price than smaller companies, and this can imply that smaller companies have more systematic drift (Foster, Olsen, and Shevlin 1984).

Bernard and Thomas (1989), presented competing explanations of PEAD and divided them into two classes. The first suggests that a part of the price response following the new information, is delayed. This is explained by a sufficient number of traders who fail to assimilate the new information, or that the cost of immediately acting on the new information, is higher than the gains. The second explanation, is that misspecification of the model used for calculating the abnormal return, does not fully adjust for the correct risk measurement. Their findings are consistent with the first explanation, and they suggest an alternative explanation for the delay; “[...]prices are affected by investors who fail to recognize fully the implications of current earnings for future earnings” (Bernard and Thomas 1989, 2).

Livnat and Mendenhall (2006) also examined PEAD, by comparing measurements of the earnings surprise from analyst- and time-series forecast. They raised the question if differences in earnings measurements and deviation in the source of the earnings, can cause different results from analyses of drift. They examined the inclusion of “special items” and restating of earnings as explanations for the difference in drift, and concluded that the differences are not significant. Their findings showed that drift is significantly larger, when the earnings surprise is defined using analyst forecast, than through time-series.

Bartov, Radhakrishnan, and Krinsky (2000) used institutional ownership as a proxy for investor sophistication, and found a negative correlation between institutional ownership and post-announcement abnormal return. Investor sophistication (or unsophistication) could be a potential explanation for the PEAD effect. Jegadeesh and Livnat (2006) investigated other information following an earnings announcement, as a potential explanation for the PEAD effect. They found a stronger PEAD effect, when the revenue surprise was in the same direction as the earnings surprise. When earnings are announced, other financial and non-financial information, is often presented along with the earnings. The interpretation of non-financial information, could be divergent among the market participants. A low level of sophistication could possibly emphasize this divergence.

## 3 Data

### 3.1 The Nordic Market

The Nordic Market includes Denmark, Finland, Iceland, Norway and Sweden. The Swedish market is the largest in the Nordic. At the end of 2015, the Swedish main market had a total of 288 listed companies, with a market capitalization of 5 770,3 billion SEK<sup>1</sup>. According to the Industry Classification Benchmark (ICB), the three largest industries in the Swedish market are the Financials, Industrials and Technology. This is based on the number of companies within each industry class. At the end of 2015, the number of companies listed on the main market in Norway was 180. The total market capitalization was approximately 2 044 billion NOK<sup>2</sup>. The dominating industries in Norway is Oil & Gas, and Industrials. The Danish market had a number of 147 listed companies at the end of 2015. The companies had a market capitalization of 2 474 billion DKK. The largest industry in Denmark based on number of listed companies, is Financials. Other dominating industries are Industrials and Health Care. In Finland, the number of listed companies at the end of 2015, was 126. The total market capitalization was approximately 187 billion EURO. The dominating industries in Finland is Industrials and Technology.

Iceland is the smallest market within the Nordic countries, with only 17 listed companies in our total sample. The companies are mainly within Financials and Consumer Services. As discussed in section 3.2, after imposing our selection criteria, Iceland is left with only two companies. This is too few observations to be representative for the Icelandic market. Iceland is therefore excluded from our sample, and not represented in our results and illustrations.

The Industry Classification Benchmark (ICB) is a globally recognized standard, owned by FTSE Russell. The ICB classification is used to divide companies into industries, supersectors, sectors and subsectors, based on common business factors. We have used the highest level of classification (industry) to classify the companies in our sample. The following table shows the industry distribution, market capitalization and turnover within each country in our final sample (the financial industry is excluded from our final sample).

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<sup>1</sup> <http://www.nasdaqomx.com/transactions/markets/nordic/statistics/archive>

<sup>2</sup> <https://www.oslobors.no/Oslo-Boers/Statistikk/Fakta-og-noekkeltall/2015-Fakta-og-noekkeltall-desember-2015>

| Description of countries in the final sample           |            |             |             |             |             |
|--|------------|-------------|-------------|-------------|-------------|
| Industry (ICB)   | Denmark    | Finland     | Norway      | Sweden      | Total       |
| Basic Materials  | 1          | 7           | 6           | 10          | 24          |
| Consumer Goods   | 5          | 13          | 8           | 20          | 46          |
| Consumer Services                                      | 4          | 9           | 1           | 13          | 27          |
| Health Care  | 9          | 4           | 6           | 20          | 39          |
| Industrials  | 19         | 34          | 26          | 57          | 136         |
| Oil & Gas  | 3          | 1           | 33          | 1           | 38          |
| Technology   | 2          | 14          | 10          | 22          | 48          |
| Telecommunications                                     | 1          | 1           | 1           | 4           | 7           |
| Utilities  | 1          | 1           | 2           |             | 4           |
| Total  | 45         | 84          | 93          | 147         | 369         |
| Average yearly market cap for the final sample*        | 114 547    | 111 688     | 157 737     | 3 150 846   | 3 534 818   |
| Average yearly market cap per company*                 | 2 545      | 1 330       | 1 696       | 21 434      | 6 751       |
| Average yearly turnover by value in the final sample*  | 65 558 580 | 100 302 010 | 114 176 250 | 228 571 524 | 508 608 364 |
| Average yearly turnover by value per company*          | 1 456 857  | 1 194 072   | 1 227 702   | 1 554 908   | 1 358 385   |
| Average yearly turnover by volume for the final sample | 3 360 700  | 13 367 053  | 19 300 492  | 25 217 261  | 61 245 507  |
| Average yearly turnover by volume per company          | 74 682     | 159 132     | 207 532     | 171 546     | 153 223     |

Market cap is measured at year-end

Turnover is the total turnover during a year

Market cap/Turnover for the final sample is the sum of all sample companies

Market cap/Turnover per company is the average of all sample companies

\*All numbers are in EURO

Table 3.1: Industry distribution, market cap and turnover in the final sample

Oslo Stock Exchange is the regulated marketplace for security exchange in Norway. The equity market consists of Oslo Børs, Oslo Axess and Merkur Market<sup>3</sup>. Companies traded on Oslo Stock Exchange are regulated by the Securities Trading Act<sup>4</sup> to ensure secure, orderly and efficient trading of financial instruments. The Act contains general rules of conduct, such as the use of inside information, market manipulation and information requirements. During our sample period, companies traded on the Oslo Stock Exchange, were required to publish

<sup>3</sup> <https://www.oslobors.no/Oslo-Boers/Om-Oslo-Boers>

<sup>4</sup> [http://www.finanstilsynet.no/Global/English/Laws\\_and\\_regulations/Securities\\_market/Securities\\_Trading\\_Act.pdf](http://www.finanstilsynet.no/Global/English/Laws_and_regulations/Securities_market/Securities_Trading_Act.pdf)

quarterly reports<sup>5</sup>. In 2005, the transition toward the international reporting standard, IFRS, started for companies with consolidated accounts. From 2011, the duty to prepare annual accounts in accordance with IFRS was extended to issuers that are not obligated to prepare consolidated accounts<sup>6</sup>. This change occurred at the start of our sample period. We have used the EPS as reported, and most of the quarterly reports are consistent with IFRS during our sample period.

NASDAQ OMX Nordic Exchange is the regulated marketplace for Denmark, Sweden, Finland and Iceland<sup>7</sup>. NASDAQ OMX Nordic Exchange consists of two different marketplaces; Nordic Main Market and First North. First North is the market for smaller growth companies. The Nordic Main Market follows EU directives with high standards, to ensure reporting transparency and accountability. The Common Nordic Rules is the framework for companies listed on Nasdaq OMX Nordic, and covers issuer- and member rules<sup>8</sup>. The framework includes rules on disclosure of information, and financial reporting. From 2005, the European Union (EU) required that companies listed on stock exchanges in member countries, use IFRS. International Accounting Standard (IAS) 34, prescribes the minimum content of interim financial reporting<sup>9</sup>. It does not dictate the frequency of interim reports. This is regulated by each individual country, or the marketplace for publicly traded companies. We have excluded companies with reporting frequencies, other than quarterly.

### 3.2 Data collection and selection

Thomson Reuters Datastream is our main source for the collection of data. Our sample period is between the first quarter of 2011 until the fourth quarter of 2015. The basis used for selecting the constituents in each country, are All-Share Indexes. Oslo Børs All-Share Index is used to select the companies for the Norwegian sample. For the other Nordic countries, the OMX All-Share Index for each country, have been used. This gives 323 companies in

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<sup>5</sup> <https://www.oslobors.no/Oslo-Boers/Regelverk/Boerssirkulaerer/8-2007-Ny-verdipapirhandelov-og-ny-boerslov>

<sup>6</sup> [https://www.oslobors.no/ob\\_eng/Oslo-Boers/Regulations/Circulars/6-2010-Duty-to-prepare-annual-accounts-in-accordance-with-IFRS-extended-to-Norwegian-issuers-that-are-not-subject-to-a-duty-to-prepare-consolidated-accounts.-Duty-of-all-issuers-to-appoint-an-audit-committee](https://www.oslobors.no/ob_eng/Oslo-Boers/Regulations/Circulars/6-2010-Duty-to-prepare-annual-accounts-in-accordance-with-IFRS-extended-to-Norwegian-issuers-that-are-not-subject-to-a-duty-to-prepare-consolidated-accounts.-Duty-of-all-issuers-to-appoint-an-audit-committee)

<sup>7</sup> [http://www.nasdaqomxnordic.com/about\\_us](http://www.nasdaqomxnordic.com/about_us)

<sup>8</sup> <http://business.nasdaq.com/list/Rules-and-Regulations/European-rules/index.html>

<sup>9</sup> [http://ec.europa.eu/internal\\_market/accounting/docs/consolidated/ias34\\_en.pdf](http://ec.europa.eu/internal_market/accounting/docs/consolidated/ias34_en.pdf)

Sweden, 165 companies in Norway, 138 companies in Denmark, 135 companies in Finland and 17 companies in Iceland. This gives a total of 778 companies. We have enforced different criteria, before arriving at our final sample of 369. Datastream is used as the source for all price related data, such as price, market capitalization and turnover. Worldscope<sup>10</sup> is used as the source for both the earnings as reported, and the report date. As a proxy for the market return in the different countries, we have used MSCI Norway, MSCI Denmark, MSCI Finland and MSCI Sweden. MSCI Nordic Countries is used as a proxy for the aggregated Nordic market. The correlation between the MSCI Nordic Country Index and the indexes in the individual countries are all over 0,8, and it is therefore a good proxy for the aggregated Nordic market. The correlation matrix can be found in the appendix. The price represents the official closing price, adjusted for capital actions. The return, both for the companies and the market index, is calculated by taking the logarithm of the price, divided by the price of the day before:

$$R_t = \ln \left( \frac{P_t}{P_{t-1}} \right)$$

The first criterion, is the age requirement. All of the companies in our final sample, must have price data available through Datastream, for the years between 2010 and 2016. The reason behind this criterion, is to have enough data before the sample period, to estimate the normal return. Data from 2016, is also necessary to include the last event (Q4 2015), which is announced in 2016.

Our second criterion affects the financial companies. We have excluded financial companies, because they often have different requirements and accounting standards. The differences might affect the reported EPS, and make them incomparable with non-financial companies. We have used the ICB classification to identify financial companies. The financial industry is substantial in many of the Nordic countries, and this criterion limits the sample size with a total of 132 companies.

The third criterion we imposed, was to exclude the A-share for companies with both A- and B-shares. This ensures that we only have one observation per company. We also excluded

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<sup>10</sup> [http://www.datastream.jp/wp/wp-content/uploads/2015/10/guide\\_Worldscope-Data-Definitions-Guide-Issue-14.3.pdf](http://www.datastream.jp/wp/wp-content/uploads/2015/10/guide_Worldscope-Data-Definitions-Guide-Issue-14.3.pdf)

companies that are listed on multiple exchanges in the Nordic market. Cross-listed companies are only kept in the country, where the ISIN code originated.

Quarterly EPS is used as a proxy for the information content, published by the company on the announcement day. We have excluded companies with other interim frequencies, such as semiannually. This especially affected Denmark. In addition, we also excluded companies with different fiscal year end than December. This is to ensure that the quarters are comparable.

The EPS represents the earnings per share as reported by the company, prior to any adjustments or recalculations. Different time-series models are used to estimate the expected EPS. These models require an estimation window, and we have therefore collected data on EPS from 2008-2015. Some companies have missing data points within this period. The next criterion is therefore that the companies can not have more than eight missing quarterly EPS. This is to ensure that we have enough data when estimating the expectation models, and without imposing an overly strict requirement. The expectation models require a long period of data, which substantially limits the sample size.

As both Foster (1977) and Fama and French (2000) points out, it is necessary with a long period of data to get reliable predictions of earnings, through time series models. All companies with a shorter history are excluded, which gives a survivor bias in the sample. A consequence of this, is that the sample might not be representative for the population. To limit the consequences of this bias, we only use three years before the sample period. This is to avoid excluding too many companies. Still there might be a problem with both survivor bias, and the reliability of the predictions. When estimating the EPS for the first quarter, we only have a history of three years. The coefficients in the time-series models, are re-estimated for each quarter, so that the later quarters in the sample have a longer history. The requirements of quarterly reporting frequency, fiscal year end and the criterion regarding the EPS, are summarized in the sixth criterion.

The last criterion is a liquidity requirement. We have excluded companies that have less than 20% trading within one year, which is our estimation period for normal return. This is done to get reliable estimation of the stock return, in the estimation period. Stocks with infrequent trading can give downward biased betas (Dimson 1979).

|  | Selection criteria |         |         |        |        |       |
|--|--------------------|---------|---------|--------|--------|-------|
|  | Denmark            | Finland | Iceland | Norway | Sweden | Total |
| Constituents from All-Share Indexes        | 138                | 135     | 17      | 165    | 323    | 778   |
| - Age requirement                          | 10                 | 18      | 6       | 36     | 82     | 152   |
| - Financial industry                       | 40                 | 18      | 6       | 20     | 48     | 132   |
| - A-shares                                 | 5                  | 6       | 0       | 4      | 16     | 31    |
| - Listed in other countries                | 2                  | 1       | 0       | 2      | 2      | 7     |
| - Reporting frequency/year-end/missing EPS | 34                 | 8       | 2       | 4      | 28     | 76    |
| - Liquidity requirements                   | 2                  | 0       | 1       | 6      | 0      | 9     |
| Final sample                               | 45                 | 84      | 2       | 93     | 147    | 371   |

Table 3.2: Selection criteria for each country

After imposing our criteria on the total sample, we only have two companies in Iceland. Iceland is therefore removed from the final sample. This gives us a final sample of 369 companies in Denmark, Finland, Norway and Sweden.

### 3.3 Definition of the announcement (event) date

The announcement date is the earnings per share report date, and the first day when the earnings are available in the market. We have compared the earnings per share report date from Worldscope, against the companies own published reports. Company reports are available in newsweb.no for the Norwegian market. For the remaining countries, company reports are available through nasdaqomxnordic.com<sup>11</sup>. Some inconsistencies regarding the announcement dates from Worldscope, were detected. To ensure the accuracy of the announcement date, we have manually changed them, according to the companies own reports. The announcement date is defined as the first trading day when the information is available to the market. If the time of the announcement is after the closing of the stock exchange, the next day is used as the announcement date.

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<sup>11</sup> <http://www.nasdaqomxnordic.com/news/companynews>  
<http://www.newsweb.no/newsweb/search.do>

## **4 Empirical method**

The event study methodology is frequently used to examine if the market reacts efficiently to new information. When earnings are announced, a part of the information is considered to be expected by the market, before the announcement. We therefore start by predicting the expectations of EPS. This is done through three different expectations models. The new information is defined as the unexpected part of the announcement. We categorize the news in three different categories; good news, bad news and no news. Assuming accurate classification of news, the no news category should not experience significant abnormal return. This is because it by definition, only includes the events that does not have news value to the market. To prevent good and bad news events being assigned to the wrong category, the no news category includes upper and lower limits. As a result of these limits, the no news category might in some cases, produce significant values. After assigning the news categories, we estimate the normal return and conduct our event study.

### **4.1 Expectations of earnings**

The market expectations of earnings, are crucial for isolating the unexpected part of earnings. The unexpected part of earnings can be used to test if there are different effects of good and bad news announcements. In efficient markets, the expected part should already be incorporated in the market price of the company. “Any anticipated component that smears the estimated proxy for the surprise component of earnings, serves as noise of a measurement error in the proxy and weakens the return-earnings association” (Kothari 2001, 144). The accuracy of the proxy used for the unexpected part, is therefore critical to get reliable results from an event study. Kothari (2001) points out that the relevance of time-series property of earnings, might be decreasing. He argues that the availability of reliable analyst forecasts is increasing, and this could be a better alternative.

#### **4.1.1 Analyst forecast vs time series models**

The forecasting literature reviews both the use of time series and analyst forecasts, as a proxy for the unobserved expectations of earnings. In a review of the implications of forecasting models for capital market research, Brown (1993) points out that analyst forecasting models

have two information advantages; contemporaneous information advantage and a timing advantage. The contemporaneous information advantage is that analysts can use other information than the sequence of known earnings available on the announcement date. The timing advantages is that analysts can use information acquired after the time-series forecast initiation date, such as management forecasts or macroeconomic data (Brown 1993).

When evaluating analysts forecast over time-series forecasts, Brown and Rозеff (1978) document a superior accuracy of analysts forecast for quarterly earnings. However, there are conflicting evidence, as discussed in Imhoff and Paré (1982). Livnat and Mendenhall (2006) point out that the use of analyst forecast, by definition, excludes the least followed companies. The use of analyst forecast can therefore limit our sample size substantially. Another problem with analyst forecast, is when it is not based on a consensus, but only a few or just one analyst.

We were not able to find good estimates for the consensus analyst forecast, and we therefore use time-series predictions for the estimation of expected earnings. This is documented through research as a valid method, that will not be subject to potential bias of one analyst, or the exclusion of companies that are not followed by analysts.

#### **4.1.2 Time-series properties of earnings**

According to earlier research, the properties of annual earnings can be described by a random walk process. Ball and Watts (1972) found that measured accounting income, is similar to a sub-martingale process. Research have shown evidence of mean reversion, and earnings predictability (Brown 1993). These findings are explained through economic- and agency theory. In economic theory, it is argued that the existence of high competition, causes above-normal profitability not to be sustainable. Agency based reasoning is that economic conservatism, motivates managers to recognize bad news more quickly than good news, making loss less permanent. The management has the option to liquidate the company if it performs badly. If the company survives, it is expected to reverse the poor performance (Kothari 2001, 146). Fama and French (2000) also found evidence of mean reversion in earnings. According to their results, the relationship is non-linear, where negative changes and extreme changes, seem to reverse quicker. They criticized earlier findings of time-series

properties and forecasting abilities of annual earnings, due to survivor bias. They suggest a larger cross-sectional sample, with minimal survival requirements.

For quarterly earnings, the required history of a company can be shorter, and still have a substantial number of observations. Many companies and industries have a seasonal nature in their business activity, and the quarterly earnings therefore often have a seasonal component. According to Kothari (2001), simpler models as found in Foster (1977), can perform just as well as more complicated models, for forecasting quarterly earnings.

Foster (1977) examined the behavior of quarterly earnings-, sales- and expense series, with a Box Jenkins time series methodology. He used six different models, where the first four models are naïve models. Model 1 and 2 are seasonal models and can be used for quarterly earnings. Model 3 and 4 are non-seasonal models, and are mostly used for annual earnings. The difference between model 1 and 2, is that model 2 includes a drift term. The drift term is the average quarterly change over the available history. Model 5 is an ARIMA model with a seasonal component, while model 6 is the best fit model for each time-series, identified for each firm. The models presented in Foster (1977) are:

$$\text{Model 1: } E(Q_t) = Q_{t-4}$$

$$\text{Model 2: } E(Q_t) = Q_{t-4} + \delta$$

$$\text{Model 3: } E(Q_t) = Q_{t-1}$$

$$\text{Model 4: } E(Q_t) = Q_{t-1} + \delta$$

$$\text{Model 5: } E(Q_t) = Q_{t-4} + \phi_1(Q_{t-1} - Q_{t-5}) + \delta$$

In earlier studies, the accuracy of the forecast was evaluated based on how well the predictions aligned with the actual values. Foster (1977) examined the predictive ability in two contexts; the ability to forecast future values of the same series, and the ability to approximate the expectation model of the market. This is done by examining the market reaction to accounting data. He found that each series has an adjacent quarter to quarter component, and a seasonal component. The results show that Model 5 is preferred. Model 6 might be a better model, but is not re-calculated after the estimation period, and it can be difficult to identify the Box Jenkins model in finite samples (Foster 1977).

We use model 1, 2 and 5 for estimating the expected EPS, in our thesis. These models are simple to use, and model 5 includes both the quarterly component and the adjacent quarter to quarter component. As Kothari (2001) points out, they can do just as well as more complicated models. Model 5 is estimated through ARIMA (1,0,0) (0,1,0) with drift. The coefficients are estimated for the first quarter, based on data from the three previous years. They are then re-estimated for each quarter, with all available data up to that quarter (adaptive forecasting approach).

## 4.2 Earnings surprise

$$\text{Earnings surprise} = \text{Actual EPS} - \text{Expected EPS}$$

The earnings surprise is defined as the unexpected part of earnings, and is the actual earnings minus the expectation of earnings. Using unscaled earnings surprises, will show the direction of the earnings surprise, but can cause differences when comparing earnings surprises of different magnitudes. For example, one company might report an actual EPS of 300 while the expected EPS is 150. This will give an earnings surprise of 150, and equals a difference of 50%. A different company might have an actual EPS of 1, while the expected EPS is 0,5. This will give an earnings surprise of 0,5, and is also equal to a 50% difference. We therefore scale the earnings surprise to avoid differences when comparing earnings surprises of different magnitude.

Different scales are suggested in the literature. Latané and Jones (1977) presented a model for standardizing the unexpected earnings, where they used the uncertainty of the earnings forecast, as scale. The motivation for this method is that earnings surprises with high uncertainty in the previous estimation, are given lower weight. A disadvantage is that it requires observations of the previous forecasting errors, and therefore a longer history of data and predictions of expected earnings. Foster, Olsen, and Shevlin (1984) present four different models. The first two models use previous earnings for estimating and scaling of the unexpected earnings:

$$\text{Model 1: } FE_i^1 = \frac{Q_{i,t} - E(Q_{i,t})}{|Q_{i,t}|}$$

$$\text{Model 2: } FE_i^2 = \frac{Q_{i,t} - E(Q_{i,t})}{\sigma[Q_{i,t} - E(Q_{i,t})]}$$

where  $FE_i$  is the forecasting error of company  $i$ .  $Q_{i,t}$  is the actual earnings of company  $i$  at time  $t$ , and  $E(Q_{i,t})$  is the expected earnings for company  $i$  at time  $t$ . The scale of Model 1 is the absolute value of the earnings, while Model 2 uses the standard deviation of the forecast errors.

“All drift studies share a basic form for estimating the earnings surprise: actual earnings minus a forecast of earnings divided by a deflator” (Livnat and Mendenhall 2006, 181). Livnat and Mendenhall (2006) raised the question of how earnings surprises are measured, and how this may affect the results in studies of drift. They define SUE as actual earnings minus expected earnings, scaled by the stock price.

$$SUE_{it} = \frac{(X_{it} - X_{it-4})}{P_{it}}$$

where  $X_{it}$  is EPS for firm  $i$  at time  $t$ , and  $P_{it}$  is the stock price for firm  $j$  at the end of quarter  $t$ .

In our thesis, we have used both the absolute value of earnings, and the stock price as deflators, denoted as UE and SUE. We have not used the standard deviation of previous forecasting errors as scale, because this method requires a longer history, and will limit our sample size. When categorizing the unexpected earnings, we used an upper and lower limit for the no news category of 10% for UE, and 1% for SUE. Before choosing these limits, we tested different limits in the range of 0-20% by examining the effect on the no news category. Our choice of limits, are the limits that best fit the Nordic market in total. The models we use are:

$$UE = \frac{Q_{it} - E(Q_{it})}{|Q_{it}|}$$

$$SUE = \frac{Q_{it} - E(Q_{it})}{P_{it}}$$

where  $Q_{it}$  is the actual earnings for company  $i$  at quarter  $t$ ,  $E(Q_{it})$  is the expected earnings calculated by three different time series models and  $P_{it}$  is the stock price for company  $i$  at the end of quarter  $t$ .

## 4.3 Event study

The event study methodology has often been used to test the effects on stock prices, of for example mergers, acquisitions and earnings announcements. According to Binder (1998) there are two main reasons why event studies have been used: “1) to test the null hypothesis that the market efficiently incorporates information [...] and 2) under the maintained hypothesis of market efficiency, at least with respect to publicly available information, to examine the impact of some event on the wealth of the firm’s security holders” (Binder 1998, 111).

The article written by Fama et al. (1969) is often considered as the starting era of event study methodology. The basic event study methodology has not changed much since 1969. However, it is now more common to use daily or even intraday data on stock return, while earlier studies mostly used monthly data. The use of daily data and changes in the way abnormal returns are calculated, gives better and more correct estimates of the abnormal return.

### 4.3.1 Long- and short horizon event studies

Two types of event studies have been proposed: long- and short horizon. Long horizon event studies typically have an event window equal to a year or longer, while short horizon event studies, have an event window of only a few days (Fama 1998). Event studies with long horizon event windows, gained popularity during the 1980s. Many of the studies published, find an abnormal return over a long horizon. The challenge is how to properly measure the abnormal return. This problem concerns the difficulty of finding an appropriate adjustment for risk, when calculating the abnormal return. However, in short horizon event studies: “[...] risk adjustment is straightforward and typically unimportant” (Kothari and Warner 2007, 21). Daily returns are close to zero, and when the event window is only a couple of days, the errors in the calculation of abnormal return are often small, and of no significance for the results.

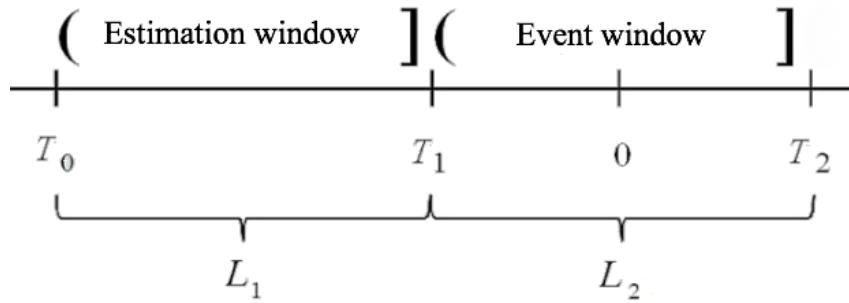


Figure 4.1: Illustration of the estimation- and event window

We are conducting a short horizon event study, where the time of the event is defined as  $t = 0$ . Our estimation window is defined as the period between  $T_0$  and  $T_1$ . We have used an estimation window of 250 trading days, when estimating the normal return.

In our thesis, we have used different event windows. Our whole event window is 76 days, where 15 days are prior to the event date and 60 days are after the event. The reason for this, is that we want to examine both the pre-event period, the reaction around the announcement date and the post-announcement period. The event window equals the time period between  $T_1$  and  $T_2$ . Theoretical reasoning for why we choose a window with 60 days after the event is found in Bernard and Thomas (1989). They find that most of the post-earnings announcement drift occurs within 60 days after the announcement. We also want to avoid the methodology problem concerning risk adjustments, that may occur in longer horizon event studies.

The sub windows surrounding the announcement date consists of three different windows. The first window is a three-day window; one day before and one day after the announcement date. The second window surrounding the event is a 11-day window, consisting of 5 days before and after the announcement date. The last window only includes the announcement date, day 0. The motivation for choosing different sub windows, is the opportunity to examine effects that might occur around the announcement date. To examine how quickly the market incorporates the information, we have also studied the daily average abnormal return over a seven-day window. This window consists of three-days before, and after the announcement date.

The announcement date is defined in section 3.3. One day before and after the event is often included in the event window. The reason for this is that the specification of the

announcement date, might still differ. Despite our definition of the announcement date and the use of manual corrections, the actual time of the announcement, might still be wrong. We have therefore not included the day before the announcement date in our pre-announcement window. Our sub window for the pre-announcement period is between -15 and -2 before the announcement date. For the post-announcement period, we have two different sub windows. The first is between day 2 and day 60, and the second is between day 6 and day 60. To isolate potential PEAD effects, we have excluded the short sub windows surrounding the announcement date in our post-announcement window. An overview of the different windows is found in table 4.1.

| Whole event window           | (-15,60) |
|------------------------------|----------|
| Sub windows:                 |          |
| Short three-day event window | (-1,1)   |
| Short 11-day event window    | (-5,5)   |
| Post-event window            | (2,60)   |
| Post-event window            | (6,60)   |
| Pre-event window             | (-15,-2) |
| Announcement date            | (0)      |

Table 4.1: Overview of our event windows

### 4.3.2 Models for normal return

The purpose of an event study is to measure the effect of an event, common for the sample companies, by measuring the abnormal return. The companies in the sample, may have different event dates, but the event is of the same type. An example of this, is the announcement of quarterly reports.

The return for security  $i$ , at time  $t$ , is given by:

$$R_{it} = r_{it} + e_{it}$$

where  $e_{it}$  is the unexpected component of the return, caused by the event.  $r_{it}$  is defined as normal return, while  $t = 0$  represents the time of the event. A measure of the normal return in absence of the event, is therefore necessary to calculate abnormal return. The literature suggests several methods for calculating normal return (Strong 1992). The methods can be

divided into two categories: statistical and economic models. The main difference between the two methods, is that the first category, does not use any economic assumptions. The statistical models assume “[....] that asset returns are jointly multivariate normal and independently and identically distributed through time” (MacKinlay 1997, 17). The economic models impose both assumptions regarding investors behavior, and statistical assumptions. Examples of statistical models are the constant mean return model and factor models. The capital asset pricing model (CAPM) is an example of economic models (MacKinlay 1997). We will first present the most used models for calculating normal return, and then a brief discussion of why we choose the market model.

#### 4.3.2.1 Constant mean return model

The model assumes that the return for security  $i$  is constant through time, and can vary across firms (Strong 1992) (MacKinlay 1997). The return has an expectation of zero, and variance  $\sigma_{ei}^2$ .

$$R_{it} = \mu_i + e_{it}$$

$$E(R_{it}) = 0 \quad var(R_{it}) = \sigma_{ei}^2$$

where  $\mu_i$  is the mean return, and  $e_{it}$  is the disturbance term for time period  $t$ , for security  $i$ .

The model is simple, but Brown and Warner (1980) found that in cases where the event dates are not clustered in calendar time, the simple model detects abnormal performance as frequently as the other models. They used monthly data and different methodologies to test if the models lead to type 1 or type 2 errors. Type 1 error is when the null hypothesis of zero abnormal performance is rejected, when it is in fact true. Quarterly announcements can be clustered in time, indicating that this model might not be our best choice for estimating normal return.

#### 4.3.2.2 Market model

The market model can be considered as a one-factor model, that linearly relates the return of the market portfolio, with the security's return.

$$R_{it} = \alpha_i + \beta_i R_{mt} + e_{it}$$

$$E(e_{it}) = 0 \quad var(e_{it}) = \sigma_{et}^2$$

where the return for security  $i$ , and the market portfolio  $m$ , at time  $t$ , is  $R_{it}$  and  $R_{mt}$ , respectively. An ordinary least squares regression during the estimation window, is used to calculate the parameters in the model ( $\alpha_i$  and  $\beta_i$ ) (MacKinlay 1997) (Binder 1998). Compared to the constant mean return model, the market model adjusts for risk by using the market factor beta. This means that the model takes the movements in the market into consideration. As discussed in section 1, the market evolved differently in our sample countries. Using the market model, with different indexes, gives an opportunity to adjust for potential differences in market return.

#### 4.3.2.3 Capital Asset Pricing Model (CAPM)

The Capital Asset Pricing Model controls for both security- and market risk, and is often referred to as a relative pricing model (Strong 1992).

$$E(R_i) = E(R_M)\beta_i$$

where  $E(R_i)$  is the expected excess return for security  $i$ , and  $E(R_M)$  is the expected excess return for the market portfolio.  $\beta_i$  is the systematic risk for security  $i$ . CAPM is an economical model, with both statistical and economical assumptions. The model is based on an equilibrium theory, and the inclusion of economical assumptions concerning investors behavior, have been criticized. By using statistical models, these assumptions are avoided.

#### 4.3.2.4 Factor models

Factor models, for example the 3-factor model proposed by Fama and French (1993), or the 4-factor model proposed by Carhart (1997), have been used to explain the variation in security returns. The factors are known as RMRF, SMB, HML and PR1YR. “RMRF is the excess return on a value-weighted aggregate market proxy; and SMB, HML and PR1YR are

returns on value weighted, zero-investment, factor-mimicking portfolios for size, book-to-market equity, and one-year momentum in stock returns” (Carhart 1997, 61).

$$r_{it} = \alpha_{iT} + b_{iT}RMRF_t + s_{iT}SMB_t + h_{iT}HML_t + e_{it}^{12}$$

$$r_{it} = \alpha_{iT} + b_{iT}RMRF_t + s_{iT}SMB_t + h_{iT}HML_t + p_{iT}PR1YR_t + e_{it}^{13}$$

Earlier evidence has shown, that using additional factors than just the market return, can provide a better explanation of the variation in security return. However, the calculation of the factors can be time consuming, and are beyond the main purpose of our thesis. The French website provides factors for the European market, but they are not tailor made for the Nordic market<sup>14</sup>. Because of this, the benefit of using these factors, might be limited.

#### 4.3.2.5 Model choice

Earlier papers do not give a clear picture of which model is best suited to calculate normal return. Brown and Warner (1985) used daily stock returns and created different samples, where they randomly chose securities and randomly assigned event-dates to those securities. They then used these samples, to test different event study methodologies. Their null hypothesis is that the excess return on the event day, is zero. Excess return was calculated using three different models: mean adjusted returns, market adjusted returns and OLS market model. Their conclusion is “methodologies based on the OLS market model and using standard parametric tests are well-specified under a variety of conditions” (Brown and Warner 1985, 25). According to Strong (1992), more powerful statistical tests, as a result of smaller variances of abnormal returns, is another advantage of the market model.

Cable and Holland (1999) conducted a pilot study of 30 UK quoted companies, and studied different models for normal returns, typically used in event studies. They found that the market model was valid in 21 out of 30 cases, while the constant mean return model, was rejected in almost all the cases. The CAPM model was only preferred over the market model, in 3 out of 21 cases.

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<sup>12</sup> The 3-factor model

<sup>13</sup> The 4-factor model

<sup>14</sup> [http://mba.tuck.dartmouth.edu/pages/faculty/ken.french/data\\_library.html](http://mba.tuck.dartmouth.edu/pages/faculty/ken.french/data_library.html)

According to MacKinlay (1997), the benefit of using models with multiple factors, is limited when conducting event studies. He argued that the extra factors, have little marginal explanatory power, and therefore, the reduction in the variance of the abnormal return is small. Based on the discussion above, we have used the market model for estimating normal return.

### 4.3.3 Estimating the market model

The parameters in the market model are estimated using an ordinary least squares regression, during the estimation window. The market model is estimated for each firm, and each event in the sample. The error term in the market model, is assumed to be uncorrelated with  $R_{mt}$ , and has an expectation of zero (Strong 1992). The parameters are calculated as follows:

$$\hat{\beta}_i = \frac{\sum_{\tau=T_0+1}^{T_1} (R_{i\tau} - \hat{\mu}_i)(R_{m\tau} - \hat{\mu}_m)}{\sum_{\tau=T_0+1}^{T_1} (R_{m\tau} - \hat{\mu}_m)^2}$$

$$\hat{\alpha}_i = \hat{\mu}_i - \hat{\beta}_i \hat{\mu}_m$$

$$\hat{\sigma}_{e_t}^2 = \frac{1}{L_1 - 2} \sum_{\tau=T_0+1}^{T_1} (R_{i\tau} - \hat{\alpha}_i - \hat{\beta}_i R_{m\tau})^2$$

Our null hypothesis,  $H_0$ , is that the announcement of quarterly earnings, does not have an effect on the stock return. The abnormal return should therefore not be significantly different from zero, if the null hypothesis is true.

The abnormal return for firm  $i$ , is calculated by subtracting the estimated normal return from the actual return, at time  $t$ .

$$AR_{it} = R_{it} - (\hat{\alpha}_i + \hat{\beta}_i R_{mt})$$

The conditional variance for the abnormal return is given by:

$$\sigma^2(AR_{i\tau}) = \sigma_{e_t}^2 + \frac{1}{L_1} [1 + \frac{(R_{m\tau} - \hat{\mu}_m)^2}{\hat{\sigma}_m^2}]$$

where  $L_1$  represents the length of the estimation window. The conditional variance consists of two parts;  $\sigma_{e_t}^2$  is the disturbance variance from the market model, while the second part is an additional variance originated from the sampling error in  $\alpha_i$  and  $\beta_i$ . The error term from the market model, is assumed to be independent through time. However, because the sampling error is common for all observations within the event window, it leads to the abnormal returns being serial correlated. The problem is of less concern as the estimation window becomes longer, the second term will then approach zero. By choosing an estimation window of 250 days, we minimize the implications of this problem.

#### 4.3.4 Aggregating abnormal return

To study the impact of the announcements within the event window, it is necessary to aggregate the abnormal returns. The aggregation can be done over two dimensions: across companies or across time. We start by calculating the average abnormal return (AAR) for all events, for each day, in the event window. Next, we calculate the cumulative average abnormal return (CAAR) over the event window. CAAR is used to draw inference of an event window, that consists of more than one day.

The model for calculating average abnormal return and variance is:

$$AAR_\tau = \frac{1}{N} \sum_{i=1}^N AR_{i\tau}$$

$$var(AAR_\tau) = \frac{1}{N^2} \sum_{i=1}^N \sigma_{e\tau}^2$$

where N is equal to the number of events. Our sample period consists of 20 quarters, but because some of the companies have missing events, the weight per company differs.

CAAR is the average abnormal return aggregated during the event window:

$$CAAR(T_1, T_2) = \sum_{\tau=T_1}^{T_2} AAR_{it}$$

The variance of the cumulative average abnormal return is:

$$\text{var}(CAAR(T_1, T_2)) = \sum_{\tau=T_1}^{T_2} \text{var}(AAR_t)$$

### 4.3.5 Significance tests

To ensure validity of our test and results, we have conducted both parametric and non-parametric significance tests. The parametric tests include strong assumptions regarding the return distributions. The return must be normally distributed in order for the test statistics to be characterized by a student-t distribution. Violation of the normality assumption, can lead to type 1 or 2 error. We are conducting an event study where we examine quarterly earnings announcements. Event induced variance and event date clustering, can both be problematic in our case. The non-parametric tests have weaker assumptions, and are used as an alternative to the parametric tests (Brown and Warner 1980). The calculations of the different test statistics, are presented in the sections below. The results from our study, with corresponding test statistics for all the models, are presented in the appendix. We will also evaluate the significance of our results, using these test statistics, in our analysis.

#### 4.3.5.1 Parametric tests

##### 4.3.5.1.1 Student t- test

The first test statistics we conduct, is used to test if the cumulative average abnormal return, is significantly different from zero. The test can be used under the assumption that the CAAR follows a normal distribution, with mean 0 and variance of  $\text{var}(CAAR(T_1, T_2))$ .

$$t = \frac{CAAR(T_1, T_2)}{\sqrt{\text{var}(CAAR(T_1, T_2))}}$$

#### 4.3.5.1.2 Cross-sectional t- test

Our null hypothesis is that the cumulative average abnormal return is zero. The second test we conduct to test this hypothesis, is the cross-sectional t-test.

$$t_{cross} = \frac{CAAR(T_1, T_2)}{\hat{\sigma} CAAR(T_1, T_2)}$$

The deflator is calculated based on the cross-section of abnormal returns:

$$\hat{\sigma}^2 CAAR(T_1, T_2) = \frac{1}{N(N-d)} \sum_{i=1}^N [CAR_i(T_1, T_2) - CAAR_i(T_1, T_2)]^2$$

#### 4.3.5.1.3 Standardized residual test

Assuming uncorrelated abnormal return and constant variance over time, the standardized residual test can be used to test if the CAAR is equal to zero (Patell 1976). The estimated standard deviation is calculated from the time-series of abnormal returns, during the estimation window. It is then used to standardize the abnormal return, for every event.

$$SAR_{it} = \frac{AR_{it}}{S(AR_i)}$$

The standardized abnormal return, aggregated over time:

$$CSAR_i(T_1, T_2) = \sum_{t=T_1}^{T_2} \frac{AR_{it}}{S(AR_i)}$$

where  $S(AR_i)$  have been adjusted by the forecasting error. This is because the abnormal return from the event-window, comes from an out-of-sample prediction.  $SAR_{it}$  is characterized by a student t-distribution, with  $M_i - d$  degrees of freedom. The expected value of  $CSAR_i$  is zero, and the standard deviation is:

$$S(CSAR_i) = \sqrt{(T_2 - T_1 + 1)} \frac{M_i - d}{M_i - 2d}$$

where  $M_i$  equals the number of non-missing returns, and  $d$  represents the degrees of freedom.

The third test statistic used to test our null hypothesis is:

$$t_{Sresidual} = \frac{1}{\sqrt{N}} \sum_{i=1}^N \frac{CSAR_i(T_1, T_2)}{S(CSAR_i)}$$

Using standardized abnormal return before portfolio formation, assigns lower weight to abnormal returns, that are characterized by higher variances. This makes the test statistics robust to heteroscedastic event-window abnormal returns. The standardized residual test has been tested by Boehmer, Masumeci, and Poulsen (1991). They find that in cases where there is not an increased event-induced variance, the test is well specified. In cases where there is an increased event-induced variance, the test too often rejects the null hypothesis.

#### 4.3.5.1.4 Standardized cross-sectional test

If there in fact is an event-induced increase in variance, a standardized cross-sectional test is appropriate. Variance from both the estimation and the event period is used, and the test is a combination of the standardized residual test and the cross-sectional t-test (Boehmer, Masumeci, and Poulsen 1991).

Using the standardized abnormal returns as explained in the previous section, we calculate the cross-sectional average of  $CSAR_i(T_1, T_2)$ , and the associated standard deviation.

$$\overline{CSAR}(T_1, T_2) = \frac{1}{N} \sum_{i=1}^N CSAR_i(T_1, T_2)$$

$$S(\overline{CSAR}) = \sqrt{\frac{1}{N(N-1)} \sum_{i=1}^N [CSAR_i(T_1, T_2) - \overline{CSAR}(T_1, T_2)]^2}$$

The fourth test parameter used to test our null hypothesis is:

$$t_{cross} = \frac{\overline{CSAR}(T_1, T_2)}{S(\overline{CSAR})}$$

This method assumes that the security residual is cross-sectionally uncorrelated.

#### 4.3.5.2 Non-parametric tests

##### 4.3.5.2.1 Corrado Rank Test

In cases where the security-return are not normally distributed, but instead have fat tails, the Corrado rank test might be an appropriate alternative. According to Corrado (1989), no matter how skewed the cross-sectional distribution of excess returns is, the test is well specified. The null hypothesis being tested, is that the average abnormal return is equal to zero.

The first step is to transform the abnormal returns, security by security, into ranks:

$$K_{i\tau} = rank(AR_{i\tau})$$

Corrado and Zivney (1992) proposed an adjusted version of  $K_{i\tau}$ , allowing for missing returns. The ranks are standardized by using a deflator of one, plus the number of non-missing returns for each asset,  $M_i$ .

$$U_{i\tau} = \frac{K_{i\tau}}{(1 + M_i)}$$

The formula for the standard deviation is:

$$S(U) = \sqrt{\frac{1}{L_1 + L_2} \sum_{\tau} \left[ \frac{1}{\sqrt{N_{\tau}}} \sum_{i=1}^{N_{\tau}} (U_{i\tau} - 0,5) \right]^2}$$

where  $N_T$  represents the cross-sectional non-missing returns. The test parameter can then be calculated:

$$t_{corrado} = \frac{1}{\sqrt{N}} \sum_{i=1}^N (U_{i\tau} - 0,5) / S(U)$$

The test parameter is used for testing a single day, and can be transformed into a multiday version by calculating the average of the single day statistics, and then multiply by the inverse of the square root of the length of the period.

#### 4.3.5.2.2 Generalized sign test

The generalized sign test is often reported, when event studies are conducted. The test is based on a comparison of the proportion of positive cumulative abnormal returns over the event window, against the proportion from a period, that is unaffected by the event window (Cowan 1992).

The formula for calculating the test statistics is:

$$t_{GS} = \frac{p_0^+ - p_{Est}^+}{\sqrt{p_{Est}^+(1 - p_{Est}^+)/N}}$$

where  $p_0^+$  is the ratio of positive cumulative abnormal returns over the event window.  $p_{Est}^+$  is the ratio of positive cumulative abnormal returns over the estimation window. Under the null hypothesis, there should not be a systematical difference between the number of positive and negative cumulative abnormal returns over the estimation window. Cowan (1992) finds that the generalized sign test is better than the rank test, in cases where there are event-induced increase in the variance, or thinly traded stocks.

## 5 Analysis and results

We will start by discussing some of the limitations of our thesis, and the reason why we choose to focus on model 5. Results from the Nordic market will then be presented, before examining the individual countries, industries, market capitalization and turnover by value in depth. The significance of our results will be evaluated using the test statistics described in section 4.3.5. We apply a 5% significance level, when interpreting our results. All of our results, with test statistics, can be found in the appendix. The hypotheses for all of our test statistics are:

$$H_0: CAAR = 0$$

$$H_A: CAAR \neq 0$$

Rejection of the null hypothesis, means that the cumulative average abnormal return, is not equal to zero. This means that the announcement of quarterly earnings, does have an effect on stock return.

### 5.1 Limitations and Model choice

The analysis in our thesis has been conducted in the period from first quarter 2011, until fourth quarter 2015. Our final sample of the Nordic market consists of 369 companies, which gives a total of 7380 events. Sweden is the biggest market, and when interpreting the results for the total Nordic market, it is important to notice that Sweden constitutes 40% of these events. Norway represents 25%, Finland 23% and Denmark 12% of the events.

When considering the reliability and validity of our results, it is vital to recognize the limitations of our sample. We only consider non-financial companies with an eight-year history. This can give a survivorship bias in our sample. Iceland was excluded, due to too few observations, which means that our results are not representative for the whole Nordic market. Our thesis is based on quarterly announcements, and we have therefore excluded companies with other interim frequencies. In addition, we have also excluded companies with other fiscal year-end than December. These limitations can affect our ability to generalize the results to the population.

Time-series models have been used to calculate the expected earnings. The models seem to be a good fit for the aggregated Nordic market. However, when looking at our sample countries individually, the models seem to behave differently in each country. According to previous research, the models that we have used, have shown to produce relatively good estimates of earnings, based on how well they predict future values of the same series. This does not necessarily mean that the estimates are consistent with the markets expectations. Foster (1977) introduced a dual criterion of accuracy. He evaluates the forecasting models based on the association between the earnings surprise and the abnormal return. This association assumes that the market uses the best available data, and the market reactions can therefore be used to evaluate the most accurate forecasting model (Brown 1993). Based on previous research and our own findings, model 5 seems to most accurately predict EPS. The model includes both a seasonal and adjacent component. In our analysis, we will present all three models, but the focus will be on model 5. A limitation of our thesis, is that we could not find good estimates of consensus analyst forecasts. As discussed in section 4.1.1, analyst forecast could give a better prediction of market expectations.

The earnings surprise has been scaled by both the absolute value of EPS (UE), and the stock price at the end of the quarter (SUE). The no news category should not have a reaction at the announcement date. To correct for potential model misspecification and avoid the wrong categorization of good and bad news, we have used upper and lower limits for the news categories. This means that the no news category might include some events, that in fact should have been categorized as good or bad news. We find that using UE for scaling of the earnings surprise, seem to better classify the earnings surprises. We will therefore mainly focus on model 5 (UE), in our analysis.

## 5.2 Results from the Nordic market

| Nordic (UE) |      |           |      |           | Nordic (SUE) |           |         |           |         |
|-------------|------|-----------|------|-----------|--------------|-----------|---------|-----------|---------|
| Model 1     |      | Model 2   |      | Model 5   | Model 1      |           | Model 2 |           | Model 5 |
| Good news   | 3361 | Good news | 3274 | Good news | 3117         | Good news | 3237    | Good news | 3160    |
| Bad news    | 2778 | Bad news  | 2923 | Bad news  | 2880         | Bad news  | 2628    | Bad news  | 2768    |
| No news     | 1004 | No news   | 946  | No news   | 992          | No news   | 1292    | No news   | 1229    |
| NA          | 237  | NA        | 237  | NA        | 391          | NA        | 223     | NA        | 223     |
| Sum         | 7380 | Sum       | 7380 | Sum       | 7380         | Sum       | 7380    | Sum       | 7380    |

Table 5.1: News distribution for the Nordic market

The Nordic market includes all of the companies from our sample, and gives us a total of 7380 events. Model 5 (UE) gives a total of 3117 (42%) events in the good news category, 2880 (39%) events in the bad news category and 992 (13%) in the no news category. As depicted in the figure, Model 5 (SUE) does not categorize all of the events in the same categories. This model gives a total of 3023 (41%) events in the good news category, 2730 (37%) events in the bad news category and 1249 (17%) in the no news category. The distribution of the news categories for the rest of the models are presented in table 5.1.

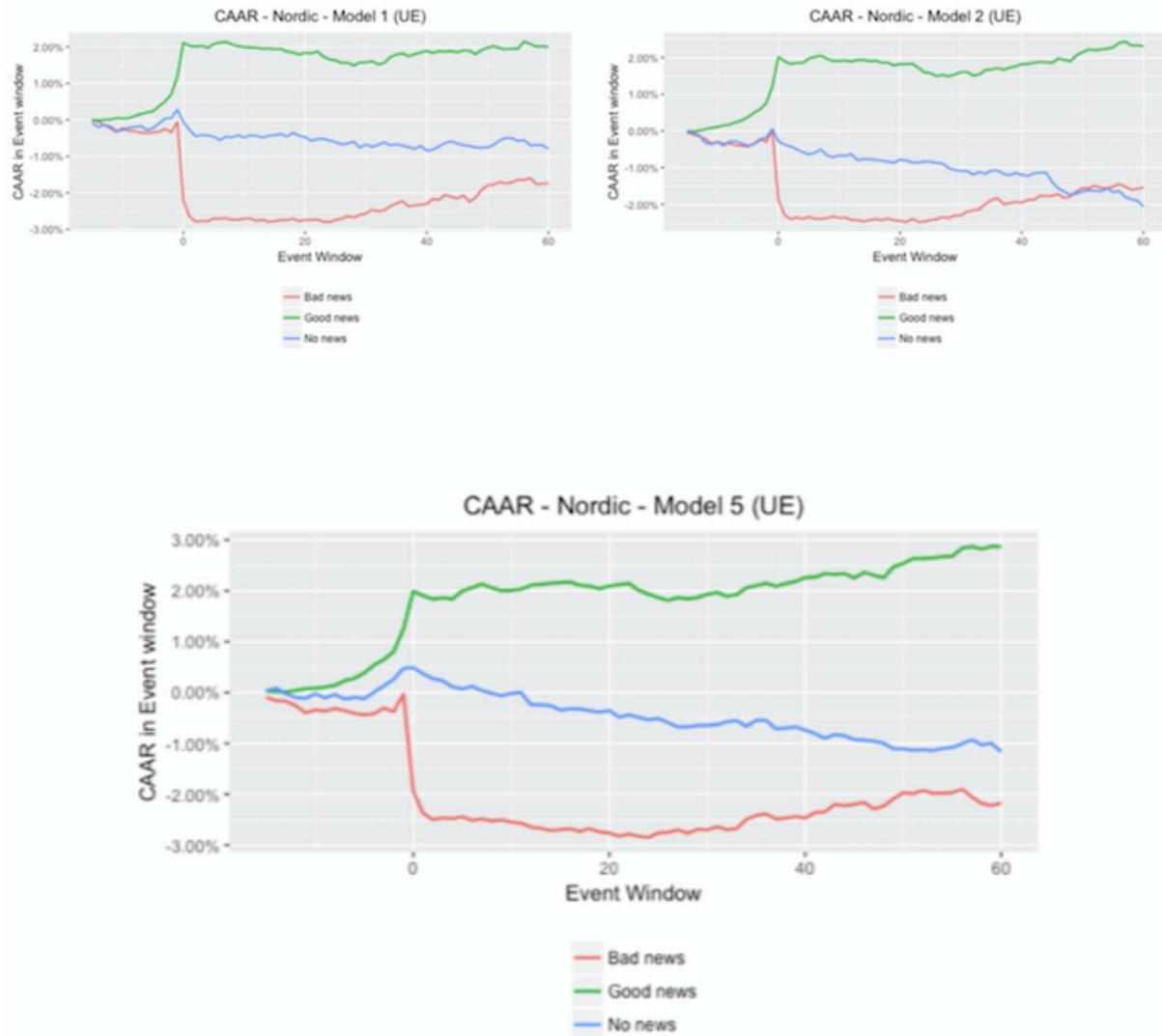


Figure 5.1: CAAR plot for the Nordic market

Figure 5.1 displays the cumulative average abnormal return for the different time series models, with the absolute value of EPS as scaling for the earnings surprise. Model 5 (UE) shows that there is a positive reaction in the good news category on the announcement date. During the 60-day post-event period there seem to be an upward drift, as suggested by the

PEAD literature. The bad news category shows a clear drop at the announcement date. Around day 30, the CAAR for the bad news category reverses, and starts to slightly drift upwards. These results are not supported by earlier research on PEAD. The PEAD literature suggests that the drift should be in the same direction as the earnings surprise. The no news category shows a small spike at the event date. The CAAR then seems to stabilize around zero until day 10, when it starts to slowly drift downwards. A few days before the event date, the good news category starts to drift upwards. A possible explanation for this, could be that some of the information, is already expected by the market before the announcement. The bad news and the no news category, do not show the same pre-announcement drift.

| Nordic - Model 5 (UE) |        |          |                    |                       |                     |                      |                 |
|-----------------------|--------|----------|--------------------|-----------------------|---------------------|----------------------|-----------------|
| Good news             |        |          |                    |                       |                     |                      |                 |
| Eventwindow           | CAAR   | t        | t <sub>cross</sub> | t <sub>residual</sub> | t <sub>scross</sub> | t <sub>corrado</sub> | t <sub>GS</sub> |
| (-15,-2)              | 0,008  | 3,6413*  | 4,598*             | 3,5856*               | 4,091*              | 2,2249*              | 2,6277*         |
| (-1,1)                | 0,011  | 10,7478* | 7,4428*            | 19,8766*              | 10,5648*            | 6,5174*              | 9,6853*         |
| (2,60)                | 0,0096 | 2,112*   | 2,4138*            | 0,6641                | 0,6868              | 0,8709               | 0,9439          |
| (0)                   | 0,0074 | 12,519*  | 5,9965*            | 25,2129*              | 9,4865*             | 7,0124*              | 7,5*            |

| Bad news    |         |           |                    |                       |                     |                      |                 |
|-------------|---------|-----------|--------------------|-----------------------|---------------------|----------------------|-----------------|
| Eventwindow | CAAR    | t         | t <sub>cross</sub> | t <sub>residual</sub> | t <sub>scross</sub> | t <sub>corrado</sub> | t <sub>GS</sub> |
| (-15,-2)    | -0,0038 | -1,7374   | -2,0455*           | -2,7584*              | -3,1474*            | -0,3875              | -1,7701         |
| (-1,1)      | -0,0199 | -19,729*  | -13,5363*          | -24,4318*             | -12,8422*           | -6,7563*             | -11,4601*       |
| (2,60)      | 0,002   | 0,4413    | 0,4737             | -1,8088               | -1,7593             | -0,5746              | -0,8011         |
| (0)         | -0,019  | -32,6705* | -15,8684*          | -40,6677*             | -15,0157*           | -11,9697*            | -12,3918*       |

| No news     |         |          |                    |                       |                     |                      |                 |
|-------------|---------|----------|--------------------|-----------------------|---------------------|----------------------|-----------------|
| Eventwindow | CAAR    | t        | t <sub>cross</sub> | t <sub>residual</sub> | t <sub>scross</sub> | t <sub>corrado</sub> | t <sub>GS</sub> |
| (-15,-2)    | 0,0026  | 0,9985   | 1,3018             | 0,7062                | 0,7987              | 1,6153               | 1,4368          |
| (-1,1)      | 0,0011  | 0,9076   | 0,6117             | 2,6899*               | 1,3766              | 1,7037               | 1,6274          |
| (2,60)      | -0,0153 | -2,8855* | -2,7919*           | -3,284*               | -3,4023*            | -1,2537              | -3,0101*        |
| (0)         | 0,0001  | 0,2003   | 0,0933             | 2,691*                | 0,9562              | 0,7593               | 0,8651          |

\* significance is measured at a 5% significance level

Table 5.2: CAAR with corresponding t-values for the Nordic market

Table 5.2 shows the cumulative average abnormal return for different event windows. Both the good- and bad news category have a significant CAAR at the announcement date, while the CAAR for the no news category is insignificant. The pre-event window for the good news category, confirms a positive drift before the announcement date, with a significant CAAR of 0,008. All of our test statistics, except for the student t-test, show that the pre-event window for the bad news category, is also significant. The no news category is as expected, not

significant in neither the pre-event window, or in the three-day event window (except for the standardized residual test).

An interesting result is that according to the first two t-tests, our post-event window, for the good news category, is significant with cumulative average abnormal return of 0,0096. However, the standardized t-tests and the non-parametric tests fails to reject the null hypothesis. The bad news category does not have a significant drift in the post-event window.

| Nordic - Model 5 (UE) |         |         |                    |                       |                     |                      |                 |
|-----------------------|---------|---------|--------------------|-----------------------|---------------------|----------------------|-----------------|
| Good news             |         |         |                    |                       |                     |                      |                 |
| Day                   | AAR     | t       | t <sub>cross</sub> | t <sub>residual</sub> | t <sub>scross</sub> | t <sub>corrado</sub> | t <sub>GS</sub> |
| -3                    | 0,0011  | 1,8166  | 1,9414             | 2,3776*               | 2,3635*             | 1,7991               | 3,3442*         |
| -2                    | 0,0016  | 2,6747* | 3,1722*            | 3,2565*               | 3,2164*             | 1,6761*              | 2,6635*         |
| -1                    | 0,0045  | 7,5375* | 6,4161*            | 9,6338*               | 8,5341*             | 6,0032*              | 8,933*          |
| 0                     | 0,0074  | 12,519* | 5,9965*            | 25,2129*              | 9,4865*             | 6,6947*              | 7,5*            |
| 1                     | -0,0009 | -1,4407 | -1,1962            | -0,4193               | -0,2842             | -1,9327              | -1,9222         |
| 2                     | -0,0007 | -1,1539 | -1,2449            | -1,3016               | -1,1821             | -1,0716              | -1,0265         |
| 3                     | 0,0003  | 0,4305  | 0,4618             | 1,4995                | 1,4615              | 0,2167               | 0,6931          |

| Bad news |         |           |                    |                       |                     |                      |                 |
|----------|---------|-----------|--------------------|-----------------------|---------------------|----------------------|-----------------|
| Day      | AAR     | t         | t <sub>cross</sub> | t <sub>residual</sub> | t <sub>scross</sub> | t <sub>corrado</sub> | t <sub>GS</sub> |
| -3       | 0,0011  | 1,9184    | 1,8779             | 2,134*                | 2,1021*             | 1,0359               | 1,7332          |
| -2       | -0,0007 | -1,2743   | -1,1699            | -0,8354               | -0,8057             | -0,3827              | -0,2793         |
| -1       | 0,0035  | 5,99*     | 5,5886*            | 6,2785*               | 5,7457*             | 3,6583*              | 4,7893*         |
| 0        | -0,019  | -32,6705* | -15,8684*          | -40,6677*             | -15,0157*           | -11,3957*            | -12,3918*       |
| 1        | -0,0044 | -7,4911*  | -6,1593*           | -7,9279*              | -5,4091*            | -3,4235*             | -4,2671*        |
| 2        | -0,0013 | -2,2011*  | -1,9434            | -3,4244*              | -2,9916*            | -1,9332              | -1,7328         |
| 3        | 0,0003  | 0,5805    | 0,5872             | 0,6213                | 0,5902              | 0,2628               | 0,6524          |

\* significance is measured at a 5% significance level

Table 5.3: Daily average abnormal return for the Nordic market

We also want to examine how quickly the market incorporates the new information. We have therefore studied the daily average abnormal return, on the days surrounding the announcement date, as shown in table 5.3. All of our test statistics are significant from day -2 and until day 0, for the good news category. After day 0, none of the average abnormal returns for this category, are significant. The bad news category reacts on the new information, one day later than the good news category. The bad news category has significant average abnormal returns from day -1 until day 2. The new information is incorporated by the market by day 3, for both news categories, suggesting a relatively quick market reaction.

## 5.3 Results from each individual country

### 5.3.1 Denmark

| Denmark (UE) |     |           |     |           | Denmark (SUE) |           |         |           |         |
|--------------|-----|-----------|-----|-----------|---------------|-----------|---------|-----------|---------|
| Model 1      |     | Model 2   |     | Model 5   | Model 1       |           | Model 2 |           | Model 5 |
| Good news    | 425 | Good news | 387 | Good news | 363           | Good news | 433     | Good news | 385     |
| Bad news     | 343 | Bad news  | 391 | Bad news  | 379           | Bad news  | 347     | Bad news  | 390     |
| No news      | 99  | No news   | 89  | No news   | 105           | No news   | 90      | No news   | 95      |
| NA           | 33  | NA        | 33  | NA        | 53            | NA        | 30      | NA        | 30      |
| Sum          | 900 | Sum       | 900 | Sum       | 900           | Sum       | 900     | Sum       | 900     |

Table 5.4: News distribution for the Danish market

In Denmark, Model 5 (UE) results in 363 (40%) good news events, 379 (42%) bad news events, and 105 (12%) events in the no news category. Denmark is a small market with only 900 events, and represents only 12% of the Nordic market. Compared to the other countries in our sample, the Danish market has preformed well between 2011-2015. The average yearly return was 15,1%, with an average yearly standard deviation of 17%.

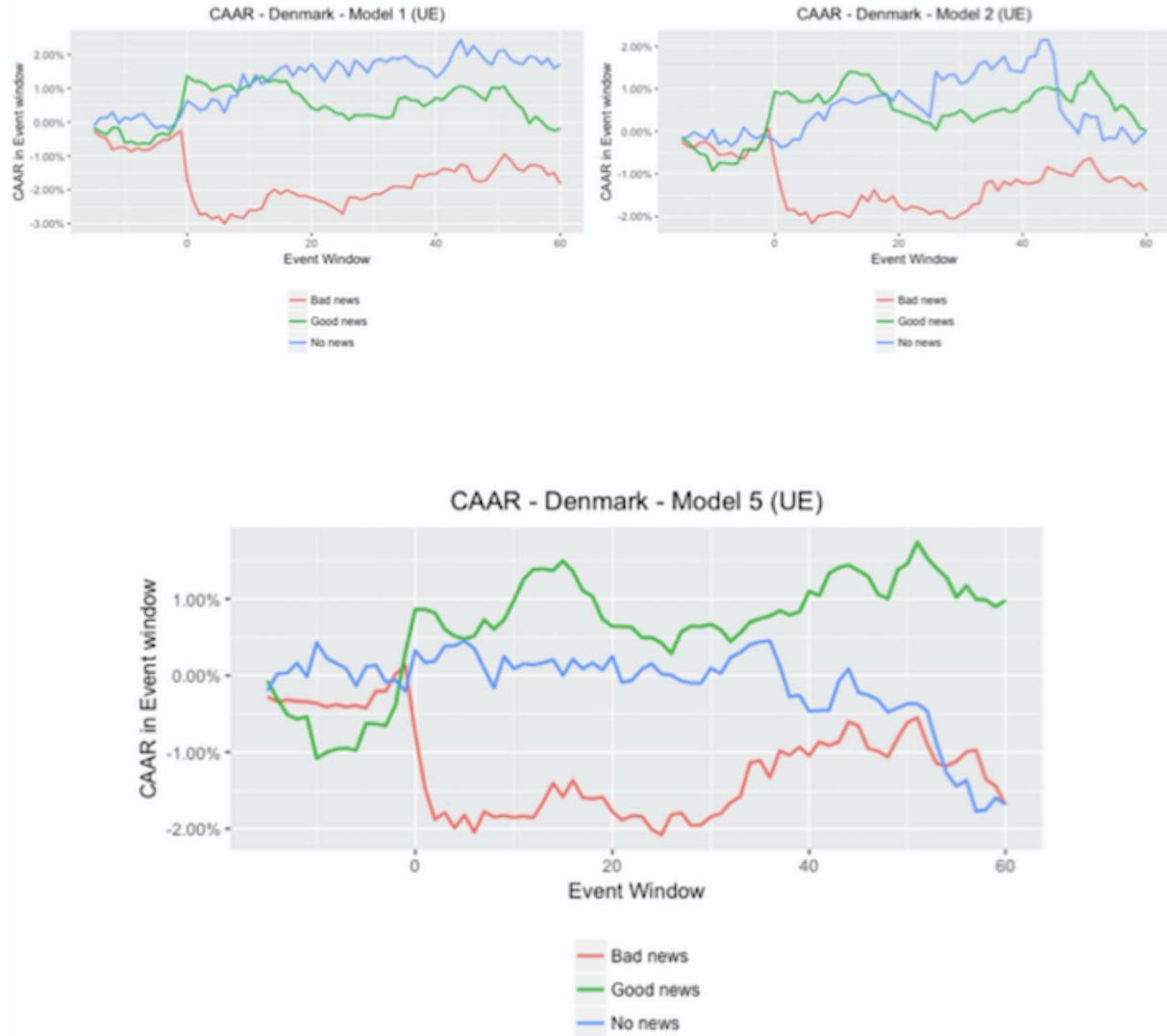


Figure 5.2: CAAR plot for the Danish market

As model 5 (UE) in figure 5.2 shows, the good news category has the expected jump at the announcement date. However, the category seems to start drifting downwards, and then up again, before the announcement date. From day 1 and until day 60, the CAAR for the good news category seems to follow a random walk process. Bad news has a distinctive drop at the announcement date, before stabilizing around -2%. From day 25, the CAAR starts to drift upwards. No news varies around 0% until day 35, when it starts to move downwards. None of our time series models seem to be a good prediction of expected earnings, and hence the news might be categorized into wrong categories.

| Denmark - Model 5 (UE) |         |         |                    |                       |                     |                      |                 |
|------------------------|---------|---------|--------------------|-----------------------|---------------------|----------------------|-----------------|
| Good news              |         |         |                    |                       |                     |                      |                 |
| Eventwindow            | CAAR    | t       | t <sub>cross</sub> | t <sub>residual</sub> | t <sub>scross</sub> | t <sub>corrado</sub> | t <sub>GS</sub> |
| (-15,-2)               | -0,0039 | -0,6135 | -0,5055            | 0,4246                | 0,4435              | 0,1579               | -0,2919         |
| (-1,1)                 | 0,0125  | 4,2981* | 3,7929*            | 7,347*                | 4,5694*             | 4,0285*              | 3,3823*         |
| (2,60)                 | 0,0012  | 0,0923  | 0,1037             | -0,0263               | -0,0273             | 0,4788               | 0,4429          |
| (0)                    | 0,0056  | 3,3302* | 2,2461*            | 7,0374*               | 3,2554*             | 3,1187*              | 2,6474*         |

| Bad news    |         |          |                    |                       |                     |                      |                 |
|-------------|---------|----------|--------------------|-----------------------|---------------------|----------------------|-----------------|
| Eventwindow | CAAR    | t        | t <sub>cross</sub> | t <sub>residual</sub> | t <sub>scross</sub> | t <sub>corrado</sub> | t <sub>GS</sub> |
| (-15,-2)    | 0,0002  | 0,0382   | 0,0524             | -0,2891               | -0,3211             | 0,7477               | 0,2362          |
| (-1,1)      | -0,015  | -5,4335* | -3,5816*           | -5,7283*              | -2,8009*            | -2,1992*             | -2,6405*        |
| (2,60)      | -0,0021 | -0,1729  | -0,2173            | -1,1233               | -1,1685             | -0,5281              | -0,6885         |
| (0)         | -0,0089 | -5,574*  | -2,7454*           | -7,2479*              | -2,5421*            | -2,8489*             | -1,9213         |

| No news     |         |         |                    |                       |                     |                      |                 |
|-------------|---------|---------|--------------------|-----------------------|---------------------|----------------------|-----------------|
| Eventwindow | CAAR    | t       | t <sub>cross</sub> | t <sub>residual</sub> | t <sub>scross</sub> | t <sub>corrado</sub> | t <sub>GS</sub> |
| (-15,-2)    | -0,0006 | -0,0905 | -0,097             | -0,4095               | -0,4643             | -0,2181              | 1,1075          |
| (-1,1)      | 0,0023  | 0,7789  | 0,4294             | 0,447                 | 0,2194              | 0,473                | 0,1308          |
| (2,60)      | -0,0185 | -1,4355 | -1,3839            | -0,6474               | -0,8268             | -0,4334              | 0,9121          |
| (0)         | 0,0054  | 3,1938* | 1,1812             | 1,9846*               | 0,6481              | 1,3176               | 0,5214          |

\* significance is measured at a 5% significance level

Table 5.5: CAAR with corresponding t-values for the Danish market

Table 5.5 shows that neither of the pre-event windows, are significant. These results could suggest a low level of pre-announced information in Denmark. The three-day window is significant for both the good- and bad news category. The no news category is not significant for any of the event windows. The only significant value for this category, is found at the announcement date.

| Denmark - Model 5 (UE) |         |         |                    |                       |                     |                      |                 |
|------------------------|---------|---------|--------------------|-----------------------|---------------------|----------------------|-----------------|
| Good news              |         |         |                    |                       |                     |                      |                 |
| Day                    | AAR     | t       | t <sub>cross</sub> | t <sub>residual</sub> | t <sub>scross</sub> | t <sub>corrado</sub> | t <sub>GS</sub> |
| -3                     | -0,0002 | -0,1391 | -0,1928            | -0,5489               | -0,5488             | -0,0501              | 0,4429          |
| -2                     | 0,0027  | 1,6027  | 1,8322             | 2,2152*               | 2,1157*             | 1,6291               | 1,4927          |
| -1                     | 0,0069  | 4,1116* | 2,9682*            | 3,6553*               | 3,2883*             | 2,758*               | 2,7524*         |
| 0                      | 0,0056  | 3,3302* | 2,2461*            | 7,0374*               | 3,2554*             | 3,0815*              | 2,6474*         |
| 1                      | 0       | 0,0028  | 0,0027             | 2,0327*               | 1,4529              | 1,0697               | 1,4927          |
| 2                      | -0,0005 | -0,2727 | -0,3093            | -0,1933               | -0,1766             | 0,0698               | 0,7578          |
| 3                      | -0,0021 | -1,2722 | -1,4248            | -1,4513               | -1,3581             | -1,0016              | -0,082          |

| Bad news |         |          |                    |                       |                     |                      |                 |
|----------|---------|----------|--------------------|-----------------------|---------------------|----------------------|-----------------|
| Day      | AAR     | t        | t <sub>cross</sub> | t <sub>residual</sub> | t <sub>scross</sub> | t <sub>corrado</sub> | t <sub>GS</sub> |
| -3       | 0       | 0,0196   | 0,0243             | -0,6437               | -0,7199             | -0,1516              | 1,1608          |
| -2       | 0,0023  | 1,4146   | 1,3169             | 0,8201                | 0,838               | 0,8889               | 1,3663          |
| -1       | 0,0011  | 0,671    | 0,6749             | 1,3998                | 1,27                | 1,8424               | 2,2909*         |
| 0        | -0,0089 | -5,574*  | -2,7454*           | -7,2479*              | -2,5421*            | -2,843*              | -1,9213         |
| 1        | -0,0072 | -4,5081* | -3,5804*           | -4,0736*              | -2,5884*            | -2,8537*             | -1,8186         |
| 2        | -0,004  | -2,5207* | -2,5506*           | -2,5632*              | -2,3455*            | -2,107*              | -1,2022         |
| 3        | 0,0009  | 0,5494   | 0,5362             | 0,6577                | 0,5895              | 0,0731               | 0,0307          |

\* significance is measured at a 5% significance level

Table 5.6: Daily average abnormal return for the Danish market

As table 5.6 shows, the good news category seems to incorporate the new information quickly, and has no significant values after day 0. The average abnormal return is also significant at day -1, which indicates an early reaction to the good news. The bad news category displays significant average abnormal returns, from day 0 until day 2. This might suggest that the market reacts slower to bad news, than good news.

### 5.3.2 Finland

| Finland (UE) |      |           |      |           | Finland (SUE) |           |         |           |         |
|--------------|------|-----------|------|-----------|---------------|-----------|---------|-----------|---------|
| Model 1      |      | Model 2   |      | Model 5   | Model 1       |           | Model 2 |           | Model 5 |
| Good news    | 653  | Good news | 685  | Good news | 662           | Good news | 462     | Good news | 508     |
| Bad news     | 594  | Bad news  | 590  | Bad news  | 605           | Bad news  | 411     | Bad news  | 408     |
| No news      | 335  | No news   | 307  | No news   | 295           | No news   | 712     | No news   | 669     |
| NA           | 98   | NA        | 98   | NA        | 118           | NA        | 95      | NA        | 95      |
| Sum          | 1680 | Sum       | 1680 | Sum       | 1680          | Sum       | 1680    | Sum       | 1680    |

Table 5.7: News distribution for the Finnish market

In Finland, Model 5 (UE) categorizes 662 (39%) events into the good news category, 605 (36%) in bad news, and 295 (18%) in the no news category. Finland represents 23% of the

events in our total sample. The country had an average yearly return of 2,35%, with an average yearly standard deviation of 21,52%.

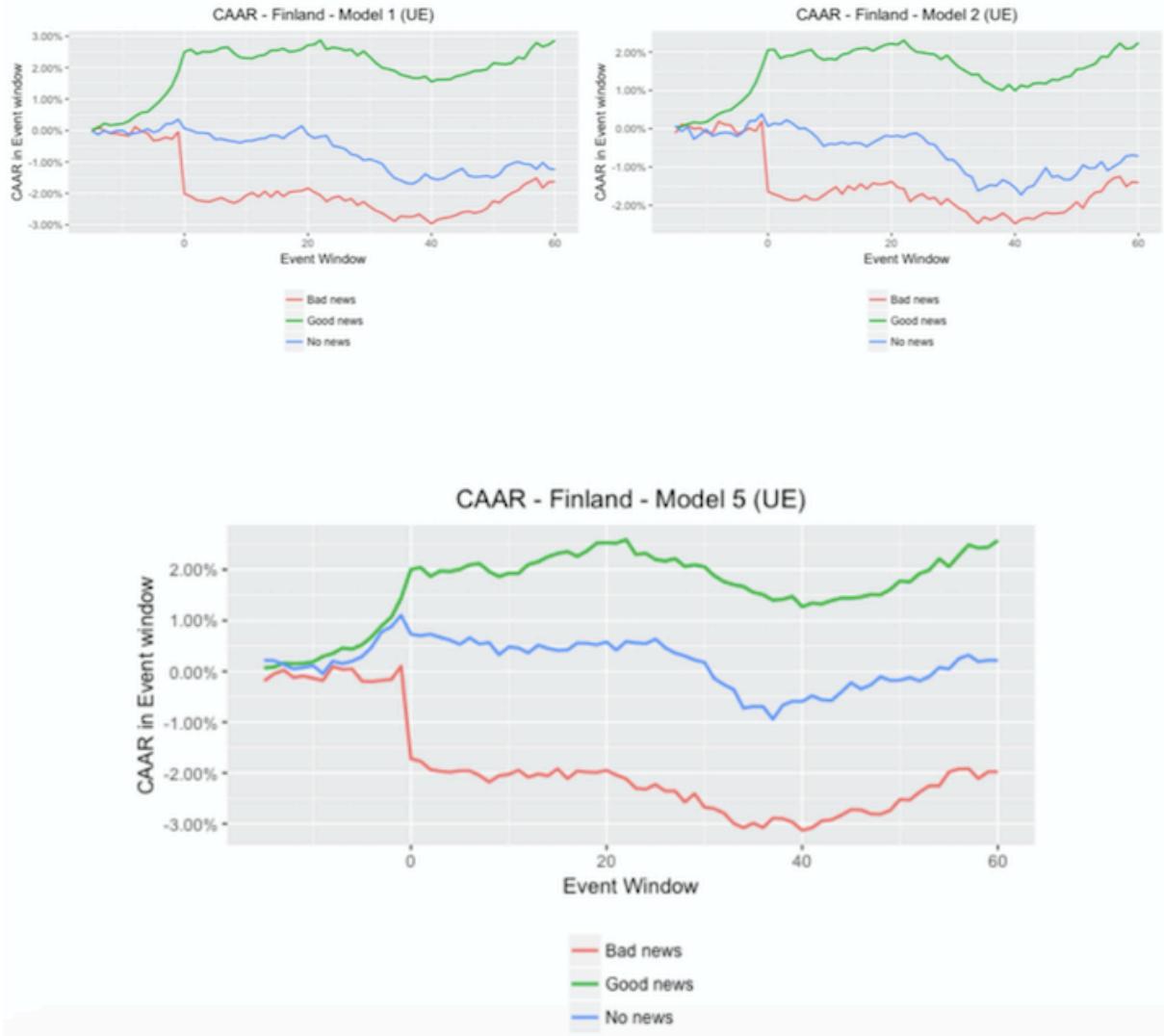


Figure 5.3: CAAR plot for the Finnish market

Figure 5.3 shows that the good news category, has the expected jump at the announcement date. However, it seems like the CAAR starts to drift upwards in the pre-announcement period. One possible explanation for the pre-announcement drift might be an information leakage, before the announcement date. It is also possible that there might be some inconsistencies regarding the announcement date. We have verified the announcement dates manually, so that they are consistent with the companies own reports on Nasdaq Nordic.

Bad news shows a clear drop at the announcement date, and continues to drift downwards until day 40, when it reverses. No news has a small spike at the announcement date, before

stabilizing around 0,5%. One possible explanation for this can be that some of the good news events, have been categorized as no news. From day 25, all of the news categories seem to follow the same pattern.

| Finland - Model 5 (UE) |        |         |                    |                       |                     |                      |                 |
|------------------------|--------|---------|--------------------|-----------------------|---------------------|----------------------|-----------------|
| Good news              |        |         |                    |                       |                     |                      |                 |
| Eventwindow            | CAAR   | t       | t <sub>cross</sub> | t <sub>residual</sub> | t <sub>scross</sub> | t <sub>corrado</sub> | t <sub>GS</sub> |
| (-15,-2)               | 0,0107 | 3,0218* | 3,5665*            | 3,1918*               | 3,2096*             | 2,6384*              | 3,3592*         |
| (-1,1)                 | 0,0098 | 5,9808* | 3,7303*            | 8,9731*               | 4,3163*             | 4,0667*              | 4,292*          |
| (2,60)                 | 0,0053 | 0,7339  | 0,8972             | 0,6965                | 0,7361              | 0,0605               | -0,2165         |
| (0)                    | 0,0056 | 5,9939* | 2,6638*            | 9,2319*               | 3,1979*             | 3,4688*              | 3,126*          |

| Bad news    |         |           |                    |                       |                     |                      |                 |
|-------------|---------|-----------|--------------------|-----------------------|---------------------|----------------------|-----------------|
| Eventwindow | CAAR    | t         | t <sub>cross</sub> | t <sub>residual</sub> | t <sub>scross</sub> | t <sub>corrado</sub> | t <sub>GS</sub> |
| (-15,-2)    | -0,0016 | -0,4045   | -0,587             | -0,9162               | -1,0539             | -0,0283              | -1,1565         |
| (-1,1)      | -0,0161 | -8,7742*  | -6,4578*           | -11,0675*             | -6,0249*            | -5,4537*             | -4,9782*        |
| (2,60)      | -0,0021 | -0,2571   | -0,362             | -1,1904               | -1,3079             | -0,9624              | -1,7257         |
| (0)         | -0,0182 | -17,2052* | -8,0974*           | -20,192*              | -7,6996*            | -9,2316*             | -7,5802*        |

| No news     |         |          |                    |                       |                     |                      |                 |
|-------------|---------|----------|--------------------|-----------------------|---------------------|----------------------|-----------------|
| Eventwindow | CAAR    | t        | t <sub>cross</sub> | t <sub>residual</sub> | t <sub>scross</sub> | t <sub>corrado</sub> | t <sub>GS</sub> |
| (-15,-2)    | 0,0088  | 1,9046   | 2,627*             | 2,0075*               | 2,0709*             | 1,9288               | 0,8635          |
| (-1,1)      | -0,0018 | -0,8251  | -0,5628            | 0,7542                | 0,3823              | -0,0537              | -0,0682         |
| (2,60)      | -0,0049 | -0,5146  | -0,6506            | -1,1842               | -1,3196             | -0,3418              | -0,9999         |
| (0)         | -0,0037 | -3,0301* | -1,3814            | -1,2792               | -0,4539             | -1,8293              | -1,3493         |

\* significance is measured at a 5% significance level

Table 5.8: CAAR with corresponding t-values for the Finnish market

The pre-announcement drift as shown in the figure, is significant for the good news category. According to the student t-test, the no news category has a significant CAAR of -0,0037, but the other test-statistics fail to reject the null hypothesis. The significant CAAR can imply that the market has anticipated these events as good news, before adjusting at the announcement date. As expected, the bad news category has a significant negative CAAR, both on the announcement date, and in the three-day event window. None of the post-event windows are significant, which implies that there is no clear drift. These findings are contradictory to the PEAD literature, and more in line with the efficient market hypothesis.

Finland - Model 5 (UE)

Good news

| Day | AAR     | t       | $t_{cross}$ | $t_{residual}$ | $t_{scross}$ | $t_{corrado}$ | $t_{GS}$ |
|-----|---------|---------|-------------|----------------|--------------|---------------|----------|
| -3  | 0,0021  | 2,2762* | 2,4677*     | 2,6744*        | 2,489*       | 2,2681*       | 2,7374*  |
| -2  | 0,0017  | 1,7953  | 1,8094      | 2,3462*        | 2,1439*      | 1,368         | 2,1155*  |
| -1  | 0,0038  | 3,9838* | 3,9176*     | 4,5789*        | 3,8364*      | 3,342*        | 2,9706*  |
| 0   | 0,0056  | 5,9939* | 2,6638*     | 9,2319*        | 3,1979*      | 3,3647*       | 3,126*   |
| 1   | 0,0004  | 0,3813  | 0,3048      | 1,7311         | 1,1731       | 0,1343        | -0,061   |
| 2   | -0,0017 | -1,8316 | -1,862      | -1,6199        | -1,4181      | -1,3795       | -1,0715  |
| 3   | 0,0011  | 1,1242  | 1,1427      | 1,1468         | 1,0608       | -0,1188       | -0,3719  |

Bad news

| Day | AAR     | t       | $t_{cross}$ | $t_{residual}$ | $t_{scross}$ | $t_{corrado}$ | $t_{GS}$ |
|-----|---------|---------|-------------|----------------|--------------|---------------|----------|
| -3  | 0,0021  | 2,2762* | 2,4677*     | 2,6744*        | 2,489*       | 2,2681*       | 2,7374*  |
| -2  | 0,0017  | 1,7953  | 1,8094      | 2,3462*        | 2,1439*      | 1,368         | 2,1155*  |
| -1  | 0,0038  | 3,9838* | 3,9176*     | 4,5789*        | 3,8364*      | 3,342*        | 2,9706*  |
| 0   | 0,0056  | 5,9939* | 2,6638*     | 9,2319*        | 3,1979*      | 3,3647*       | 3,126*   |
| 1   | 0,0004  | 0,3813  | 0,3048      | 1,7311         | 1,1731       | 0,1343        | -0,061   |
| 2   | -0,0017 | -1,8316 | -1,862      | -1,6199        | -1,4181      | -1,3795       | -1,0715  |
| 3   | 0,0011  | 1,1242  | 1,1427      | 1,1468         | 1,0608       | -0,1188       | -0,3719  |

\* significance is measured at a 5% significance level

Table 5.9: Daily average abnormal return for the Finnish market

Table 5.9 shows that the good news category has significant average abnormal returns before the announcement date. After day 0, the new information seems to be reflected in the market. The bad news category also shows significant values, both before, and on the announcement day. Overall, the Finnish market seems to react early to the new information, but the information is incorporated by the announcement date. These results are conflicting with the findings of Kallunki (1996). He found that there was a delay in market reactions to negative earnings surprises.

### 5.3.3 Norway

| Norway (UE) |      |           |      |           | Norway (SUE) |           |         |           |         |
|-------------|------|-----------|------|-----------|--------------|-----------|---------|-----------|---------|
| Model 1     |      | Model 2   |      | Model 5   | Model 1      |           | Model 2 |           | Model 5 |
| Good news   | 850  | Good news | 842  | Good news | 855          | Good news | 861     | Good news | 846     |
| Bad news    | 801  | Bad news  | 839  | Bad news  | 832          | Bad news  | 806     | Bad news  | 851     |
| No news     | 143  | No news   | 113  | No news   | 107          | No news   | 128     | No news   | 98      |
| NA          | 66   | NA        | 66   | NA        | 66           | NA        | 65      | NA        | 65      |
| Sum         | 1860 | Sum       | 1860 | Sum       | 1860         | Sum       | 1860    | Sum       | 1860    |

Table 5.10: News distribution for the Norwegian market

Norway represents 25% of the events in our final sample. The Norwegian market had an average yearly return of -4,38%, with a standard deviation of 21,78%. The market performed poorly, compared to the other countries in our sample. Model 5 (UE) assigns 855 (46%) events into the good news category, 832 (45%) events in bad news, and 107 (6%) events in the no news category. Using upper and lower limits for assigning events into news categories, sorts less events into the no news category in Norway, compared to the other countries in our sample. The limits are fitted based on our aggregated Nordic sample, and not adjusted for each country. These limits might fit some countries better than others.

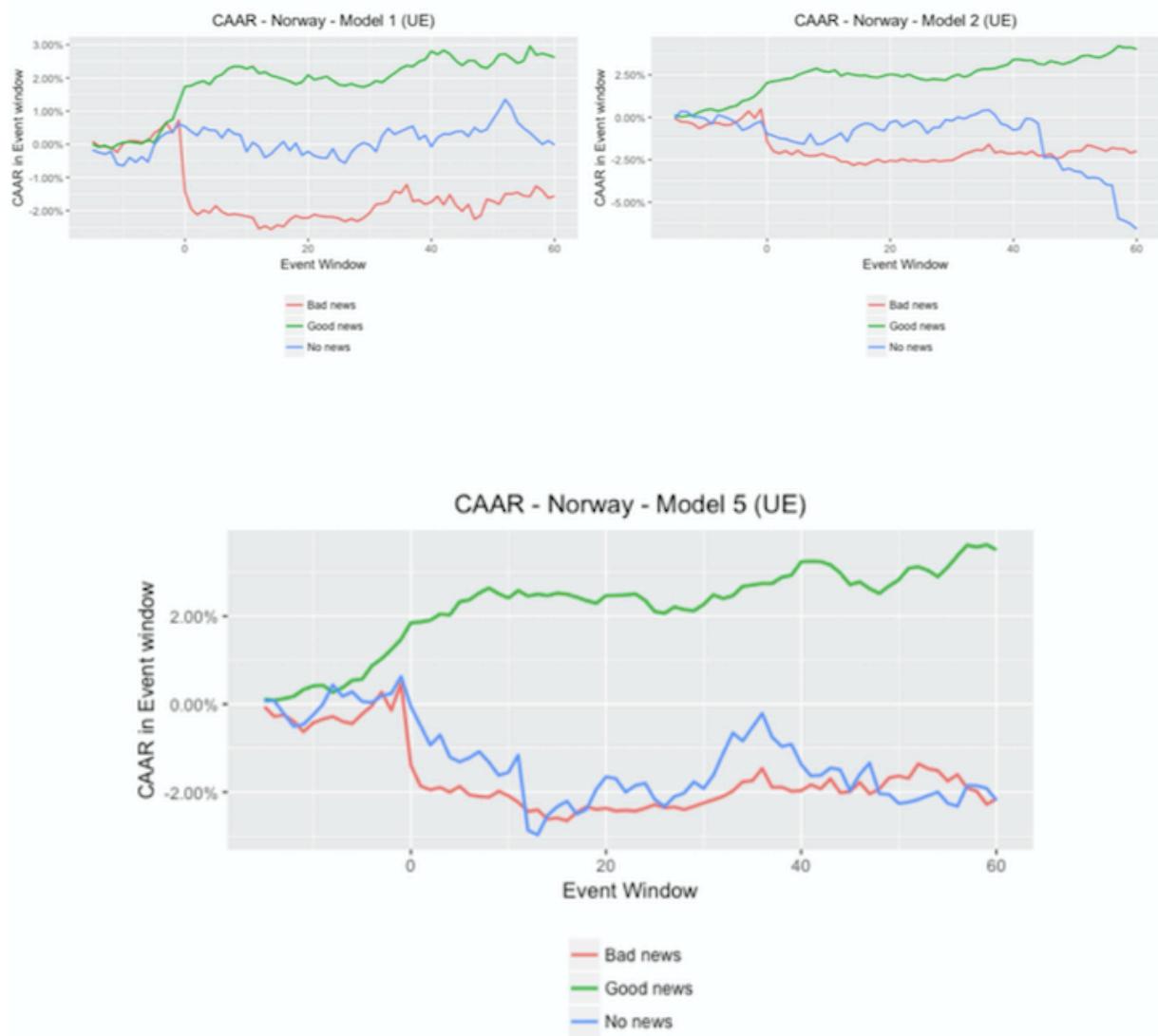


Figure 5.4: CAAR plot for the Norwegian market

The CAAR for the good news category in model 5 (UE) seems to adjust gradually, starting a few days before the announcement, and continuing drifting upwards during our whole event

window. This is inconsistent with the efficient market hypothesis, that suggest that the market should incorporate the news rapidly. The bad news category has the expected drop at the announcement date, before stabilizing around -2%. The figure shows that the no news category might include some of the bad news events. The CAAR for the no news category drops at the announcement date, and continue to move below zero in what resembles as random movement. For Norway, it might seem like model 1 (UE) fits the Norwegian market better than model 5 (UE). Model 1 only uses the previous corresponding quarter to predict the expected earnings. This means that for the fourth quarter of 2015, the fourth quarter of 2014, is used as expected earnings. Model 5 uses both the seasonal component, and an adjacent quarter to quarter component, as explained in section 4.1.2.

| Norway - Model 5 (UE) |           |           |                    |                       |                     |                      |                 |
|-----------------------|-----------|-----------|--------------------|-----------------------|---------------------|----------------------|-----------------|
|                       | Good news |           |                    |                       |                     |                      |                 |
| Eventwindow           | CAAR      | t         | t <sub>cross</sub> | t <sub>residual</sub> | t <sub>scross</sub> | t <sub>corrado</sub> | t <sub>GS</sub> |
| (-15,-2)              | 0,0124    | 2,2726*   | 3,3061*            | 1,8407                | 2,3031*             | 2,322*               | 0,9115          |
| (-1,1)                | 0,0062    | 2,4591*   | 1,7006             | 4,799*                | 3,0548*             | 2,2788*              | 3,7843*         |
| (2,60)                | 0,0164    | 1,4584    | 1,6723             | -0,9761               | -0,9322             | -0,732               | -0,7985         |
| (0)                   | 0,0037    | 2,556*    | 1,2733             | 6,4519*               | 3,0249*             | 3,2775*              | 2,8951*         |
| Bad news              |           |           |                    |                       |                     |                      |                 |
| Eventwindow           | CAAR      | t         | t <sub>cross</sub> | t <sub>residual</sub> | t <sub>scross</sub> | t <sub>corrado</sub> | t <sub>GS</sub> |
| (-15,-2)              | -0,0014   | -0,2953   | -0,2983            | -0,97                 | -1,0153             | 0,1787               | -0,5837         |
| (-1,1)                | -0,0172   | -7,7127*  | -5,5211*           | -10,744*              | -6,2951*            | -3,7217*             | -4,3973*        |
| (2,60)                | -0,0029   | -0,2915   | -0,2895            | -2,2761*              | -1,9563             | -1,1277              | -1,7625         |
| (0)                   | -0,0187   | -14,5071* | -7,9772*           | -18,2094*             | -7,8392*            | -7,9706*             | -6,6855*        |
| No news               |           |           |                    |                       |                     |                      |                 |
| Eventwindow           | CAAR      | t         | t <sub>cross</sub> | t <sub>residual</sub> | t <sub>scross</sub> | t <sub>corrado</sub> | t <sub>GS</sub> |
| (-15,-2)              | 0,0024    | 0,2352    | 0,3203             | -0,1227               | -0,1522             | -0,1116              | 1,501           |
| (-1,1)                | -0,0074   | -1,5432   | -1,2034            | -0,8744               | -0,5207             | -0,7836              | -0,2396         |
| (2,60)                | -0,0169   | -0,7991   | -0,5202            | -1,3605               | -0,8353             | 0,3987               | -0,433          |
| (0)                   | -0,0068   | -2,4776*  | -1,224             | -0,5151               | -0,1891             | -0,4817              | 0,534           |

\* significance is measured at a 5% significance level

Table 5.11: CAAR with corresponding t-values for the Norwegian market

Table 5.11 confirms that the positive drift in the pre-event window, is significant according to all of the test statistics, except for the standardized residual- and the generalized sign test. The bad news category does not have a significant pre-event window. As expected, the good news category has a significant positive CAAR, while the bad news category has a significant negative CAAR at the announcement date. Insignificant post announcement windows are common for all the news categories, which suggests that there are no post earnings announcement drift in the Norwegian market.

### Norway - Model 5 (UE)

#### Good news

| Day | AAR    | t      | $t_{cross}$ | $t_{residual}$ | $t_{scross}$ | $t_{corrado}$ | $t_{GS}$ |
|-----|--------|--------|-------------|----------------|--------------|---------------|----------|
| -3  | 0,0016 | 1,0746 | 1,0888      | 1,6483         | 1,634        | 1,8255        | 1,7323   |
| -2  | 0,0021 | 1,4555 | 1,7845      | 1,6561         | 1,709        | 1,5415        | 1,3903   |
| -1  | 0,0023 | 1,5911 | 1,3         | 1,709          | 1,5009       | 1,8663        | 1,5271   |
| 0   | 0,0037 | 2,556* | 1,2733      | 6,4519*        | 3,0249*      | 3,2481*       | 2,8951*  |
| 1   | 0,0002 | 0,1122 | 0,0891      | 0,1512         | 0,0994       | -1,3621       | -1,0037  |
| 2   | 0,0004 | 0,2877 | 0,3497      | 1,1173         | 1,0448       | 0,3218        | -0,3197  |
| 3   | 0,0014 | 0,9445 | 1,0364      | 1,4374         | 1,4413       | 0,503         | 0,3643   |

#### Bad news

| Day | AAR     | t         | $t_{cross}$ | $t_{residual}$ | $t_{scross}$ | $t_{corrado}$ | $t_{GS}$ |
|-----|---------|-----------|-------------|----------------|--------------|---------------|----------|
| -3  | 0,0031  | 2,4318*   | 1,9657*     | 2,541*         | 2,2429*      | 1,7971        | 1,7738   |
| -2  | -0,0041 | -3,223*   | -2,784*     | -3,0353*       | -2,5957*     | -1,9831*      | -2,3865* |
| -1  | 0,0062  | 4,8206*   | 4,4165*     | 4,4041*        | 4,0458*      | 3,6621*       | 3,6459*  |
| 0   | -0,0187 | -14,5071* | -7,9772*    | -18,2094*      | -7,8392*     | -7,8546*      | -6,6855* |
| 1   | -0,0047 | -3,6723*  | -3,058*     | -4,8038*       | -3,3289*     | -2,1033*      | -2,0398* |
| 2   | -0,0009 | -0,6621   | -0,5965     | -1,2831        | -1,0924      | -1,7027       | -0,5837  |
| 3   | 0,0005  | 0,4144    | 0,4211      | 0,3296         | 0,303        | 0,2986        | 0,387    |

\* significance is measured at a 5% significance level

Table 5.12: Daily average abnormal return for the Norwegian market

Table 5.12 shows that the daily average abnormal return is not significant in the days before the announcement date, for the good news category. The pre-event window shows a significant CAAR, which might suggest that the positive drift starts before day -3. The bad news category has significant daily average abnormal returns from day -3 until day 1. The daily average abnormal returns for the bad news category, show both positive and negative values. This might suggest that the investors have different opinions regarding the announcement.

### 5.3.4 Sweden

| Sweden (UE) |      |           |      |           | Sweden (SUE) |           |         |           |         |           |      |
|-------------|------|-----------|------|-----------|--------------|-----------|---------|-----------|---------|-----------|------|
| Model 1     |      | Model 2   |      | Model 5   | Model 1      |           | Model 2 |           | Model 5 |           |      |
| Good news   | 1433 | Good news | 1360 | Good news | 1237         | Good news | 1481    | Good news | 1421    | Good news | 1306 |
| Bad news    | 1040 | Bad news  | 1103 | Bad news  | 1064         | Bad news  | 1064    | Bad news  | 1119    | Bad news  | 1092 |
| No news     | 427  | No news   | 437  | No news   | 485          | No news   | 362     | No news   | 367     | No news   | 394  |
| NA          | 40   | NA        | 40   | NA        | 154          | NA        | 33      | NA        | 33      | NA        | 148  |
| Sum         | 2940 | Sum       | 2940 | Sum       | 2940         | Sum       | 2940    | Sum       | 2940    | Sum       | 2940 |

Table 5.13: News distribution for the Swedish market.

Sweden is the largest country in the Nordic market, and represents 40% of the events in our final sample. During our sample period the Swedish market has had an average yearly return

of 4,98%, and an average yearly standard deviation of 21,24%. Model 5 (UE) assigns 1237 (42%) events into the good news category, 1064 (36%) events in bad news, and 485 (16%) in the no news category.

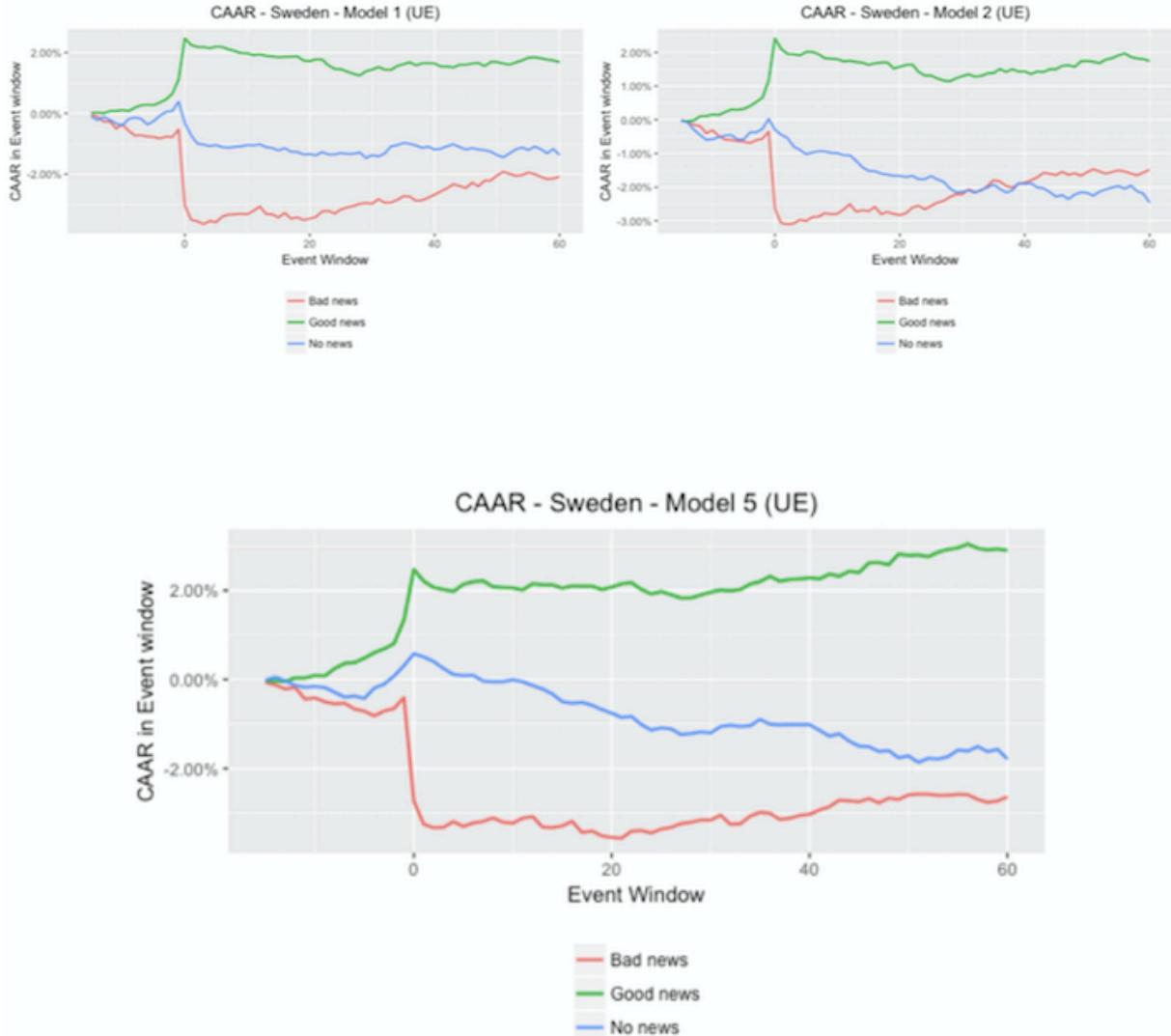


Figure 5.5: CAAR plot for the Swedish market

The good news category seems to react early, but there is still a clear positive reaction at the announcement date. It might seem like the market overreacts on the announcement date, before the CAAR stabilizes around 2%. From day 30, the figure shows that the CAAR might have a positive drift. Bad news also seems to react early, and has a clear negative drop at the announcement date. After the announcement date, the CAAR varies around -3%, with a slight positive drift from day 35. No news has a positive jump at the announcement date, before drifting downwards during the post-announcement period.

Sweden - Model 5 (UE)

Good news

| Eventwindow | CAAR   | t        | $t_{cross}$ | $t_{residual}$ | $t_{scross}$ | $t_{corrado}$ | $t_{GS}$ |
|-------------|--------|----------|-------------|----------------|--------------|---------------|----------|
| (-15,-2)    | 0,0081 | 2,6361*  | 3,7664*     | 2,2437*        | 2,7092*      | 1,427         | 2,1659*  |
| (-1,1)      | 0,014  | 9,8706*  | 6,607*      | 16,574*        | 8,0785*      | 5,5421*       | 6,2056*  |
| (2,60)      | 0,0069 | 1,0894   | 1,2712      | 0,9462         | 1,0247       | 1,0186        | 1,7676   |
| (0)         | 0,0113 | 13,7636* | 5,9105*     | 24,0139*       | 8,0532*      | 6,7081*       | 6,6038*  |

Bad news

| Eventwindow | CAAR    | t         | $t_{cross}$ | $t_{residual}$ | $t_{scross}$ | $t_{corrado}$ | $t_{GS}$ |
|-------------|---------|-----------|-------------|----------------|--------------|---------------|----------|
| (-15,-2)    | -0,0065 | -1,9989*  | -2,6145*    | -2,1215*       | -2,5582*     | -0,5571       | -1,0445  |
| (-1,1)      | -0,026  | -17,3057* | -11,122*    | -19,4224*      | -9,5353*     | -6,4299*      | -8,4651* |
| (2,60)      | 0,0062  | 0,9246    | 0,9359      | 0,2583         | 0,2497       | 0,0956        | 1,4699   |
| (0)         | -0,0232 | -26,7338* | -11,5739*   | -31,4435*      | -10,5709*    | -10,696*      | -9,4463* |

No news

| Eventwindow | CAAR   | t        | $t_{cross}$ | $t_{residual}$ | $t_{scross}$ | $t_{corrado}$ | $t_{GS}$ |
|-------------|--------|----------|-------------|----------------|--------------|---------------|----------|
| (-15,-2)    | 0,0008 | 0,2209   | 0,2883      | 0,0994         | 0,1166       | 1,3252        | 1,6515   |
| (-1,1)      | 0,0043 | 2,614*   | 1,7286      | 3,4021*        | 1,7054       | 2,1694*       | 2,7423*  |
| (2,60)      | -0,023 | -3,1546* | -3,447*     | -3,2851*       | -3,7593*     | -1,872        | -2,4392* |
| (0)         | 0,0027 | 2,8224*  | 1,3659      | 3,9218*        | 1,3967       | 1,8952        | 2,106*   |

\* significance is measured at a 5% significance level

*Table 5.14: CAAR with corresponding t-values for the Swedish market*

The three-day event window is significant for all the news categories, but for the no news category, both the cross-sectional and the standardized cross-sectional test, fails to reject the null hypothesis. The post-event window is only significant for the no news category, but the corrado rank test does not reject the null hypothesis of zero average cumulative abnormal return in this category. Because of no significant values in the post-event window for the good and bad news category, it might seem like there is no post earnings announcement drift in the Swedish market.

Sweden - Model 5 (UE)

Good news

| Day | AAR     | t        | $t_{cross}$ | $t_{residual}$ | $t_{scross}$ | $t_{corrado}$ | $t_{GS}$ |
|-----|---------|----------|-------------|----------------|--------------|---------------|----------|
| -3  | 0,0009  | 1,0367   | 1,1327      | 1,2703         | 1,3318       | 1,2615        | 1,7676   |
| -2  | 0,0012  | 1,4569   | 1,8406      | 1,4878         | 1,5116       | 1,2238        | 2,1659*  |
| -1  | 0,0053  | 6,4925*  | 6,1005*     | 8,1515*        | 7,522*       | 6,015*        | 7,6849*  |
| 0   | 0,0113  | 13,7636* | 5,9105*     | 24,0139*       | 8,0532*      | 6,5662*       | 6,6038*  |
| 1   | -0,0026 | -3,1597* | -2,7179*    | -3,4584*       | -2,3351*     | -3,1512*      | -2,6703* |
| 2   | -0,0014 | -1,7304  | -1,6497     | -2,3688*       | -2,1569*     | -1,9763*      | -1,5892  |
| 3   | -0,0005 | -0,5621  | -0,5979     | 1,0082         | 1,0053       | 0,3986        | 0,8573   |

Bad news

| Day | AAR     | t         | $t_{cross}$ | $t_{residual}$ | $t_{scross}$ | $t_{corrado}$ | $t_{GS}$ |
|-----|---------|-----------|-------------|----------------|--------------|---------------|----------|
| -3  | 0,0011  | 1,2333    | 1,5182      | 2,5155*        | 2,7459*      | 1,4618        | 1,9605*  |
| -2  | 0,0006  | 0,6702    | 0,755       | 0,0163         | 0,017        | 0,0916        | 0,366    |
| -1  | 0,0024  | 2,7994*   | 2,8692*     | 4,0238*        | 3,886*       | 2,8795*       | 2,8191*  |
| 0   | -0,0232 | -26,7338* | -11,5739*   | -31,4435*      | -10,5709*    | -10,1958*     | -9,4463* |
| 1   | -0,0052 | -6,0399*  | -4,9173*    | -6,2208*       | -4,1727*     | -3,3051*      | -3,9269* |
| 2   | -0,0007 | -0,8606   | -0,7054     | -1,7723        | -1,5814      | -0,9094       | -0,7379  |
| 3   | 0,0001  | 0,0846    | 0,089       | -0,1492        | -0,1392      | -0,3396       | 0,3047   |

\* significance is measured at a 5% significance level

*Table 5.15: Daily average abnormal return for the Swedish market*

As table 5.16 shows, both categories have significant values at day -1, which indicates an early reaction to the news. The good news category has a significant negative average abnormal return at day 1. This supports our interpretations from figure 5.5, which shows an overreaction to the news on the announcement date. For the bad news category, the new information seems to be incorporated by day 1.

### 5.3.5 Summary of country results

Summary of results - Model 5 (UE)

|         |           | Pre-event window<br>(-15,-2) | Event window<br>(-1,1) | Post-event window<br>(-2,60) |
|---------|-----------|------------------------------|------------------------|------------------------------|
| Denmark | Good news | -0,0039                      | 0,0125*                | 0,0012                       |
|         | Bad news  | 0,0002                       | -0,015*                | -0,0021                      |
| Finland | Good news | 0,0107*                      | 0,0098*                | 0,0053                       |
|         | Bad news  | -0,0016                      | -0,0161*               | -0,0021                      |
| Norway  | Good news | 0,0124*                      | 0,0062*                | 0,0164                       |
|         | Bad news  | -0,0014                      | -0,0172*               | -0,0029                      |
| Sweden  | Good news | 0,0081*                      | 0,014*                 | 0,0069                       |
|         | Bad news  | -0,0065*                     | -0,026*                | 0,0062                       |
| Nordic  | Good news | 0,008*                       | 0,011*                 | 0,0096*                      |
|         | Bad news  | -0,0038                      | -0,0199*               | 0,002                        |

\* significance is measured at a 5% significance level, based on the student t-test

Table 5.16: Summary of country results

All the countries, except Denmark, show a positive significant CAAR for good news, in the pre-event window. This can imply an early reaction to good news. The magnitude of the reaction is greatest in Norway. The bad news category does not have any significant cumulative average abnormal returns in the pre-event window, except in Sweden. In the three-day event window, good news has a significant positive reaction, and bad news has a significant negative reaction.

Denmark had a positive market development during our sample period, and could be an example of an upward market. In Denmark, the CAAR for good news shows a greater value than the CAAR for bad news, in the three-day event window. This might indicate that the magnitude of good news, is greater than the magnitude of bad news. A possible example of a downward market is Norway, which experienced a negative market development during our sample period. The CAAR in Norway shows a greater value for bad news than good news, in the three-day event window. The different market reactions, could suggest that investors in a downward market are more careful, and have a stronger reaction to bad news.

As shown in table 5.16, none of the countries have a significant post-event window. However, the aggregated Nordic market shows a significant positive CAAR for good news in the post-event window. A possible explanation for the drift could be that the index used to calculate

normal return for the Nordic market, is different than for the individual countries. It could also be that the aggregated Nordic market experiences a post-earnings announcement drift for good news. Based on our findings, we find no post-announcement drift in our sample countries.

## 5.4 Industries

The industry classification benchmark is a globally recognized standard, used to classify securities into different industries and sectors. We have divided our Nordic sample in 10 different industries. The financial industry has been excluded from our final sample. Industry is a factor that differs between our sample countries. We therefore want to examine how the different industries are affected by quarterly earnings announcements. Different dominating industries in the sample countries, could be a possible explanatory factor for differences between the countries. We will start by presenting the news distribution and plots displaying the cumulative average abnormal return over the event window for each industry. Afterwards, a summary of the pre-event window, the event date and the post-event window will be presented.

| News distribution for the industries |                 |                    |                   |           |     |
|--------------------------------------|-----------------|--------------------|-------------------|-----------|-----|
|                                      | Basic materials | Consumer Goods     | Consumer Services |           |     |
| Good news                            | 209             | Good news          | 371               | Good news | 194 |
| Bad news                             | 204             | Bad news           | 390               | Bad news  | 206 |
| No news                              | 59              | No news            | 125               | No news   | 105 |
| NA                                   | 8               | NA                 | 34                | NA        | 35  |
| Sum                                  | 480             | Sum                | 920               | Sum       | 540 |
|                                      |                 |                    |                   |           |     |
|                                      | Health Care     | Industrials        | Oil and Gas       |           |     |
| Good news                            | 287             | Good news          | 1185              | Good news | 348 |
| Bad news                             | 317             | Bad news           | 982               | Bad news  | 358 |
| No news                              | 101             | No news            | 405               | No news   | 35  |
| NA                                   | 75              | NA                 | 148               | NA        | 19  |
| Sum                                  | 780             | Sum                | 2720              | Sum       | 760 |
|                                      |                 |                    |                   |           |     |
|                                      | Technology      | Telecommunications | Utilities         |           |     |
| Good news                            | 471             | Good news          | 34                | Good news | 18  |
| Bad news                             | 326             | Bad news           | 64                | Bad news  | 33  |
| No news                              | 121             | No news            | 40                | No news   | 1   |
| NA                                   | 42              | NA                 | 2                 | NA        | 28  |
| Sum                                  | 960             | Sum                | 140               | Sum       | 80  |

Table 5.17: News distribution for the industries

Table 5.17 shows that Industrials is the industry with most events, in our Nordic sample. Some of the industries have very few events in each news category, and the results should therefore be interpreted with caution. This is especially the case for Telecommunications and Utilities.

### 5.4.1 CAAR plots for each industry

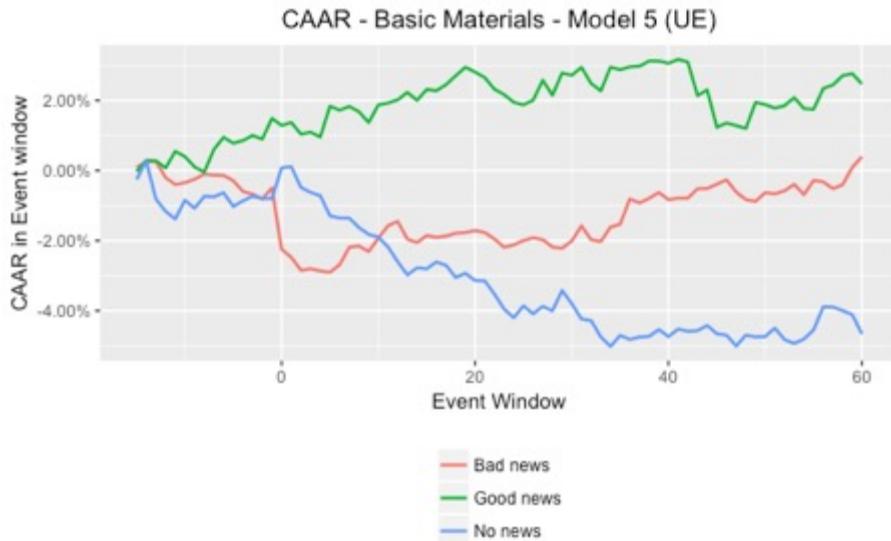


Figure 5.6: CAAR plot for Basic Materials

Figure 5.6 shows that the bad news category, has a clear drop at the announcement date. However, the CAAR reverses, and drifts upward in the post- announcement period. The good news category has an upward drift, and does not display a clear reaction to the announcement. The downward drift in the no news category, indicates wrong news categorization.

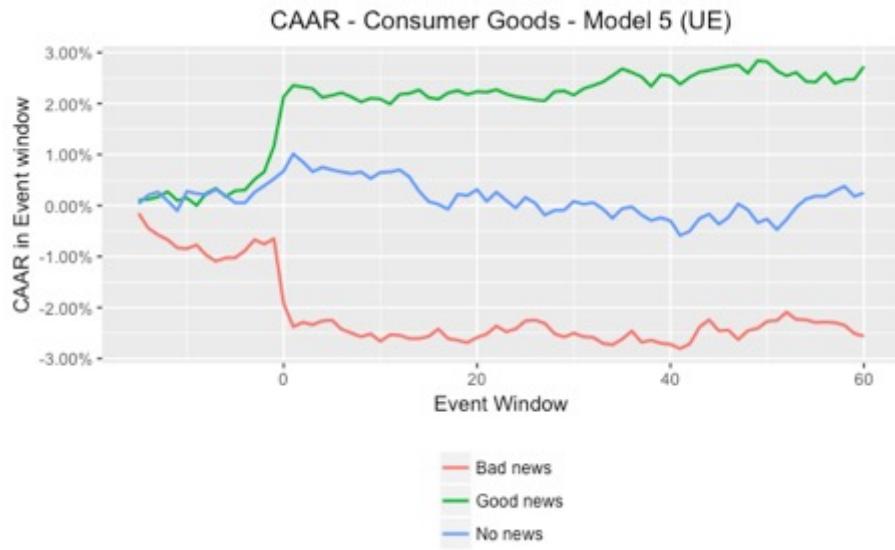


Figure 5.7: CAAR plot for Consumer Goods

The CAAR plot for Consumer Goods shows that both the good- and bad news category, have a clear reaction on the announcement date. Based on figure 5.7, neither good news or bad news indicates a drift in the post-announcement period.

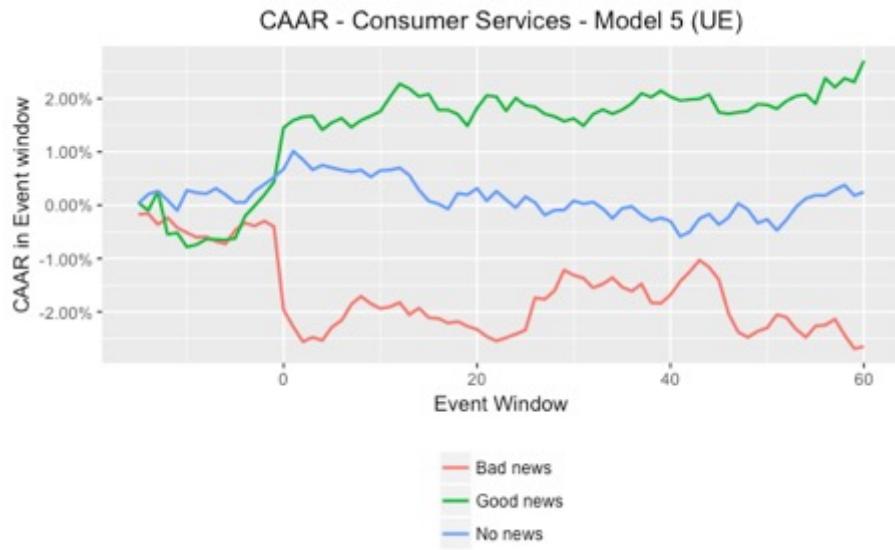


Figure 5.8: CAAR plot for Consumer Services

Figure 5.8, also shows a positive reaction for the good news category, and a negative reaction for the bad news category, on the announcement date. After day 45, it might seem like there is an upward drift for good news.

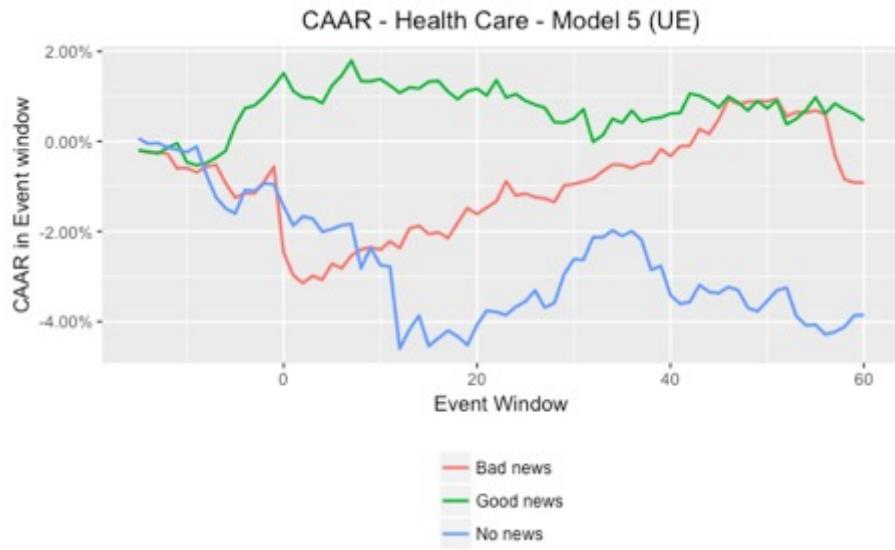


Figure 5.9: CAAR plot for Health Care

The good news category starts to drift upwards prior to the announcement date, before stabilizing around 1%. The bad news category shows a clear drop on day 0. However, from day 2, the CAAR starts to drift upwards.

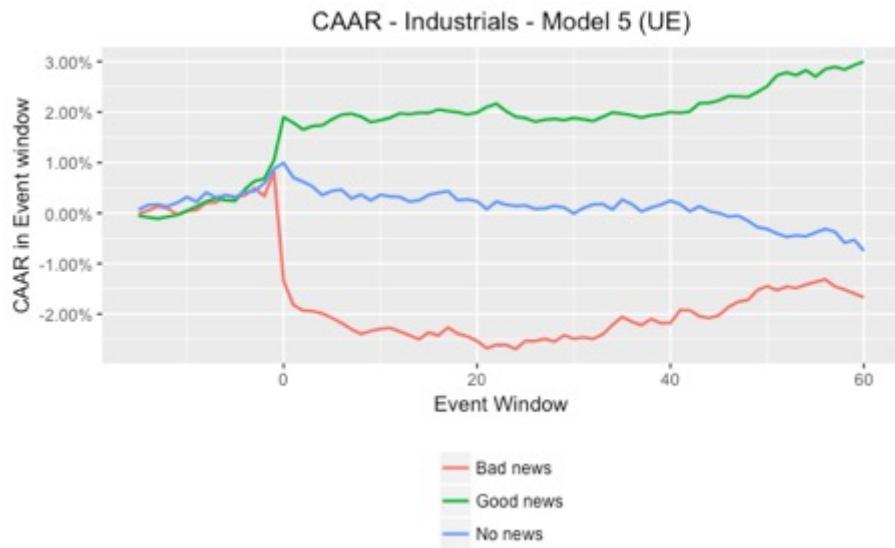
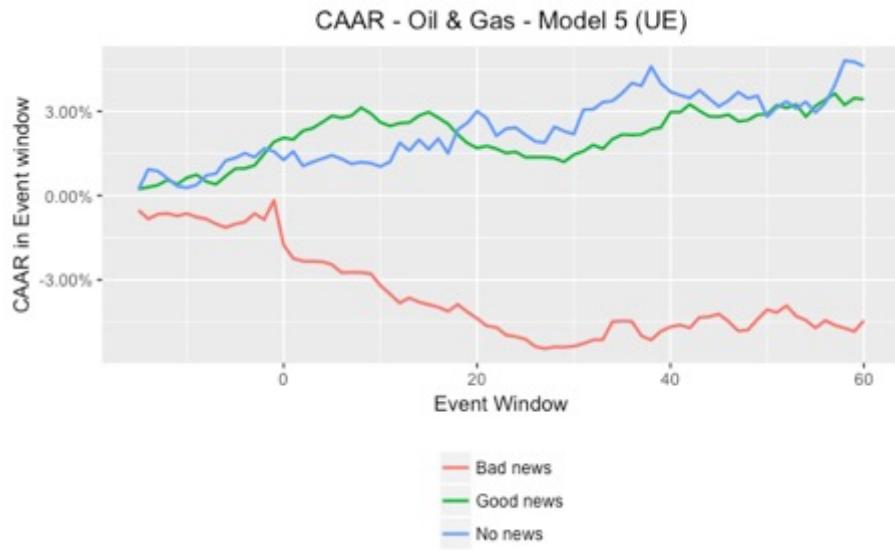


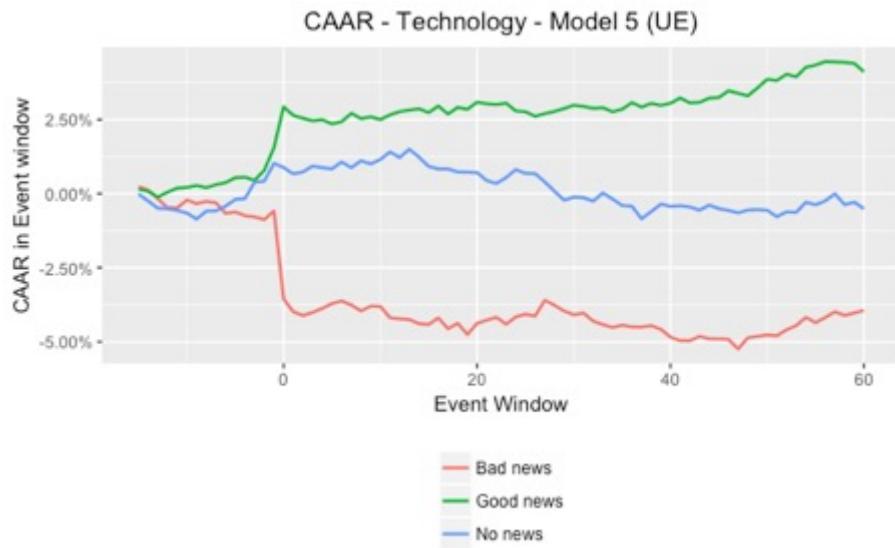
Figure 5.10: CAAR plot for Industrials

Figure 5.10 shows a positive reaction to good news, while the bad news category has a negative reaction. From day 40, the good news category shows an indication of a positive drift.



*Figure 5.11: CAAR plot for Oil & Gas*

Both the good- and no news category for Oil & Gas, shows a small upward drift. The categories do not show a clear reaction at the announcement date. The bad news category shows a clear drift downwards, until day 30.



*Figure 5.12: CAAR plot for Technology*

Figure 5.12 shows that for Technology, both the good- and bad news, have a clear reaction on the announcement date. From day 40, the good news category shows signs of an upward drift.

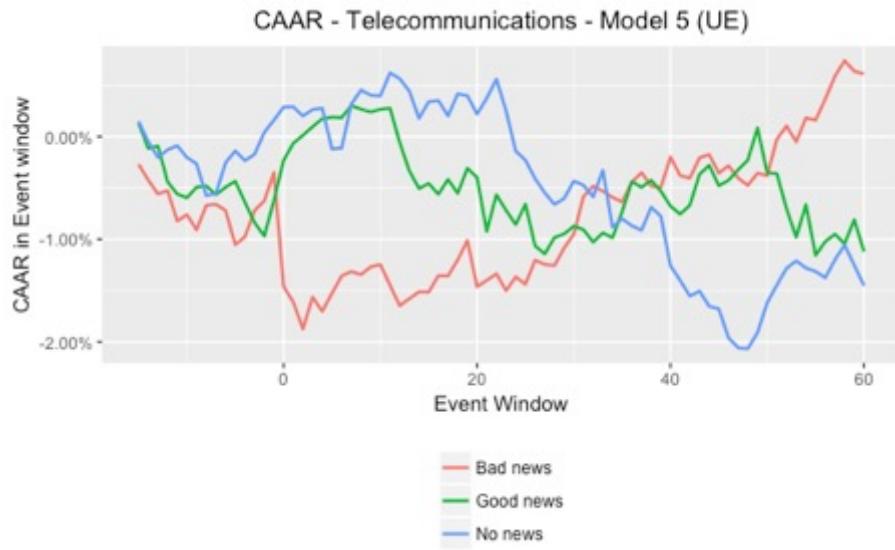


Figure 5.13: CAAR plot for Telecommunications

The good news- and the bad news category for Telecommunications, show a reaction at the announcement date. However, it is difficult to detect a clear trend in any of the categories. Telecommunications has few observations, which makes it difficult to generalize the results from this industry.

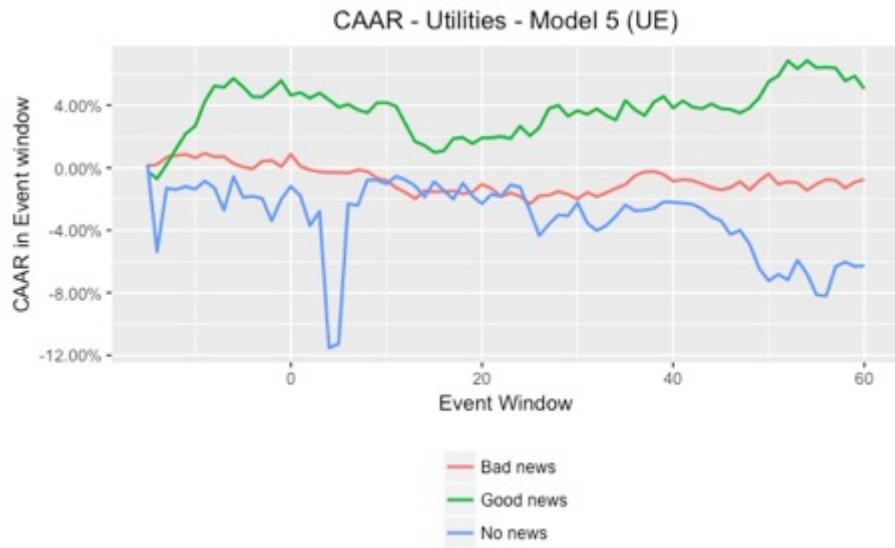


Figure 5.14: CAAR plot for Utilities

Utilities also experiences problems with few observations in our sample. The no news category only includes one event. The figure does not show any clear reaction to the announcement of quarterly earnings, but it is difficult to draw any conclusions because of the small sample size.

Consumer Goods, Technology and Industrials represents the largest part of the events in our final sample. As the plots show, these industries display the expected reactions for good- and bad news, on the announcement day. Basic Material, Consumer Services, Health Care and Oil & Gas show various results. Common for these industries is that good news shows a positive reaction, while bad news shows a negative reaction. It could seem like the categorization of news are wrong, and that model 5 (UE), does not predict the markets expectation correctly. Telecommunication and Utilities have too few observations, and it is therefore not possible to make any conclusions about these industries.

#### 5.4.2 Summary of industry results

Summary of results - Model 5 (UE)

|                    |           | Pre-event window<br>(-15,-2) | Event window<br>(-1,1) | Post-event window<br>(-2,60) |
|--------------------|-----------|------------------------------|------------------------|------------------------------|
| Basic Materials    | Good news | 0,009                        | 0,0048                 | 0,0109                       |
|                    | Bad news  | -0,0081                      | -0,0166*               | 0,0287                       |
| Consumer Goods     | Good news | 0,0066                       | 0,0169*                | 0,0037                       |
|                    | Bad news  | -0,0076                      | -0,0162*               | -0,0018                      |
| Consumer Services  | Good news | 0,0019                       | 0,014*                 | 0,0112                       |
|                    | Bad news  | -0,003                       | -0,0198*               | -0,0037                      |
| Health Care        | Good news | 0,0099                       | 0,0013                 | -0,0066                      |
|                    | Bad news  | -0,0089                      | -0,0209*               | 0,0206                       |
| Industrials        | Good news | 0,0068*                      | 0,0111*                | 0,0121                       |
|                    | Bad news  | 0,0033                       | -0,0215*               | 0,0014                       |
| Oil & Gas          | Good news | 0,0149                       | 0,0051                 | 0,0143                       |
|                    | Bad news  | -0,0086                      | -0,0138*               | -0,0221                      |
| Technology         | Good news | 0,0079                       | 0,0185*                | 0,0147                       |
|                    | Bad news  | -0,0088                      | -0,0311*               | 0,0004                       |
| Telecommunications | Good news | -0,0097                      | 0,009*                 | -0,0106                      |
|                    | Bad news  | -0,0063                      | -0,0099*               | 0,0222                       |
| Utilities          | Good news | 0,0501*                      | -0,002                 | 0,0022                       |
|                    | Bad news  | 0,0047                       | -0,0039                | -0,0083                      |

\* significance is measured at a 5% significance level, based on the student t-test

Table 5.18:Summary of industry results

Industrials shows a positive significant CAAR in the pre-event window, for the good news category. Apart from Utilities, this is the only significant value in the pre-event window. All

of the industries show positive cumulative average abnormal returns for good news, and negative cumulative average abnormal returns for bad news, in the three-day event window. However, not all of the values are significant according to the student t-test. None of the industries have significant post-event windows.

## 5.5 Market capitalization

We want to examine if there are any differences between companies with high market capitalization, versus companies with low market capitalization. Foster, Olsen, and Shevlin (1984) found that smaller companies have a larger drift in the post-announcement period, following the same direction as the earnings surprise, compared to larger companies. We have used the market capitalization at year end, for each sample year. The sample companies are sorted into three portfolios once a year, ranging from highest to lowest market capitalization. Potential differences with regards to size, can be an explanation for disparate results between our sample countries. Sweden have the largest average yearly market capitalization per company. As shown in Table 3.1, the average yearly market capitalization per company, is almost 16 times bigger for Sweden than for Finland. Our discussion below will focus on the differences between companies with high- and low market capitalization.

|           | High market cap | Medium market cap | Low market cap |           |
|-----------|-----------------|-------------------|----------------|-----------|
| Good news | 900             | Good news         | 1059           | Good news |
| Bad news  | 973             | Bad news          | 969            | Bad news  |
| No news   | 516             | No news           | 283            | No news   |
| NA        | 71              | NA                | 149            | NA        |
| Sum       | 2460            | Sum               | 2460           | Sum       |
|           |                 |                   |                | 2460      |

Table 5.19: News distribution for market capitalization

Table 5.19 shows the news distribution for our three market capitalization portfolios. The portfolio with high market capitalization assigns more events to the no news category, than the low market capitalization portfolio. A possible explanation could be that larger companies are more stable, and well followed by analysts. The investors might not expect as big changes as they do for smaller companies. The low market capitalization portfolio assigns more events to the good news category, than the high market capitalization portfolio.

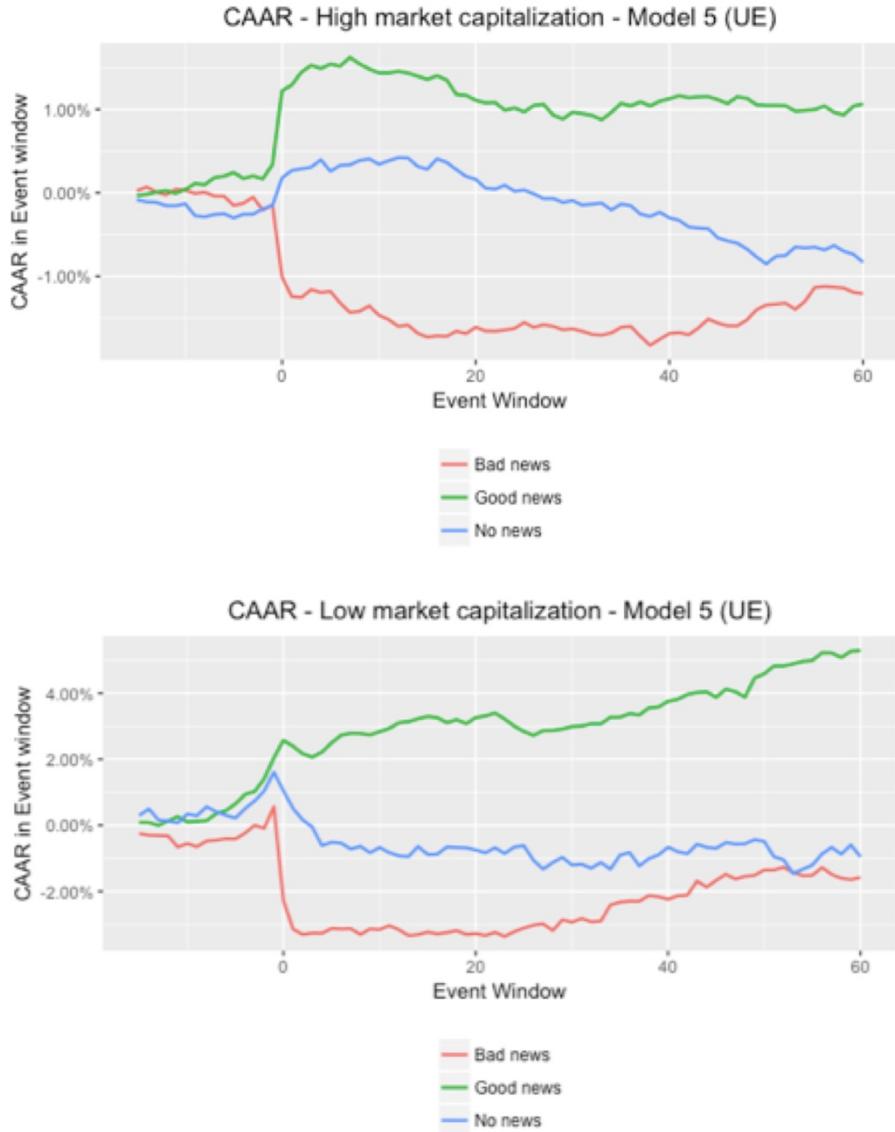


Figure 5.15: CAAR plot for market capitalization

The high market capitalization portfolio does not show any clear drift in the pre-announcement period. Both the good- and bad news category seem to react quickly on the announcement date. The good news category, for the low market capitalization portfolio, show a positive drift in the pre-announcement period. The drift continues upwards in the post-announcement period. The bad news category shows a clear drop on the announcement date. At day 30, the CAAR reverses, and starts to drift upwards.

## Summary of results - Model 5 (UE)

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|                              |           | Pre-event window<br>(-15,-2) | Event window<br>(-1,1) | Post-event window<br>(-2,60) |
|------------------------------|-----------|------------------------------|------------------------|------------------------------|
| High market capitalization   | Good news | 0,0017                       | 0,0112*                | -0,0023                      |
|                              | Bad news  | -0,0021                      | -0,0104*               | 0,0003                       |
| Medium market capitalization | Good news | 0,0068*                      | 0,0121*                | -0,0016                      |
|                              | Bad news  | -0,0083*                     | -0,0193*               | -0,0096                      |
| Low market capitalization    | Good news | 0,0141*                      | 0,0098*                | 0,029*                       |
|                              | Bad news  | -0,0009                      | -0,0305*               | 0,0156                       |

\* significance is measured at a 5% significance level, based on the student t-test

*Table 5.20: Summary of market capitalization results*

The portfolio for low market capitalization companies, shows a significant reaction in the pre-event window, for the good news category. The post-event window is also significant, and confirms the positive drift from figure 5.15. The high market capitalization portfolio does not have any significant drift in neither the pre- or post-event window. For the good news category, our findings show a larger drift in the post-announcement period for smaller companies, than for larger companies. These results are consistent with the findings of Foster, Olsen, and Shevlin (1984), who suggested that smaller companies have more systematic drift.

## 5.6 Turnover by value

We have used turnover as a proxy for the liquidity of our sample companies. Turnover by volume gives a measurement of the number of trades executed within a period, while turnover by value gives a measurement of the value of the trades executed. In our thesis, we have divided the sample companies into three portfolios each year, based on the company turnover by value, for that year. High volume stocks have a tendency to outperform low volume stocks, following an earnings announcement (Gerard 2012). High volume stocks might react quicker to earnings announcements, than low volume stocks, because they are more frequently traded. One could argue, that thinly traded stocks are less followed by analysts, and experience more information uncertainty surrounding the announcement of earnings. We therefore want to examine if there are any differences between companies with high liquidity, versus companies with low liquidity in our sample.

| High turnover by value | Medium turnover by value | Low turnover by value |
|------------------------|--------------------------|-----------------------|
| Good news              | 896 Good news            | 1094 Good news        |
| Bad news               | 979 Bad news             | 1009 Bad news         |
| No news                | 497 No news              | 250 No news           |
| NA                     | 86 NA                    | 106 NA                |
| <b>Sum</b>             | <b>2458 Sum</b>          | <b>2459 Sum</b>       |

Table 5.21: News distribution for turnover by value

Table 5.21 shows the news distribution for our portfolios. The portfolio with high turnover by value, assigns more events in the no news category, than the portfolio with low turnover by value.

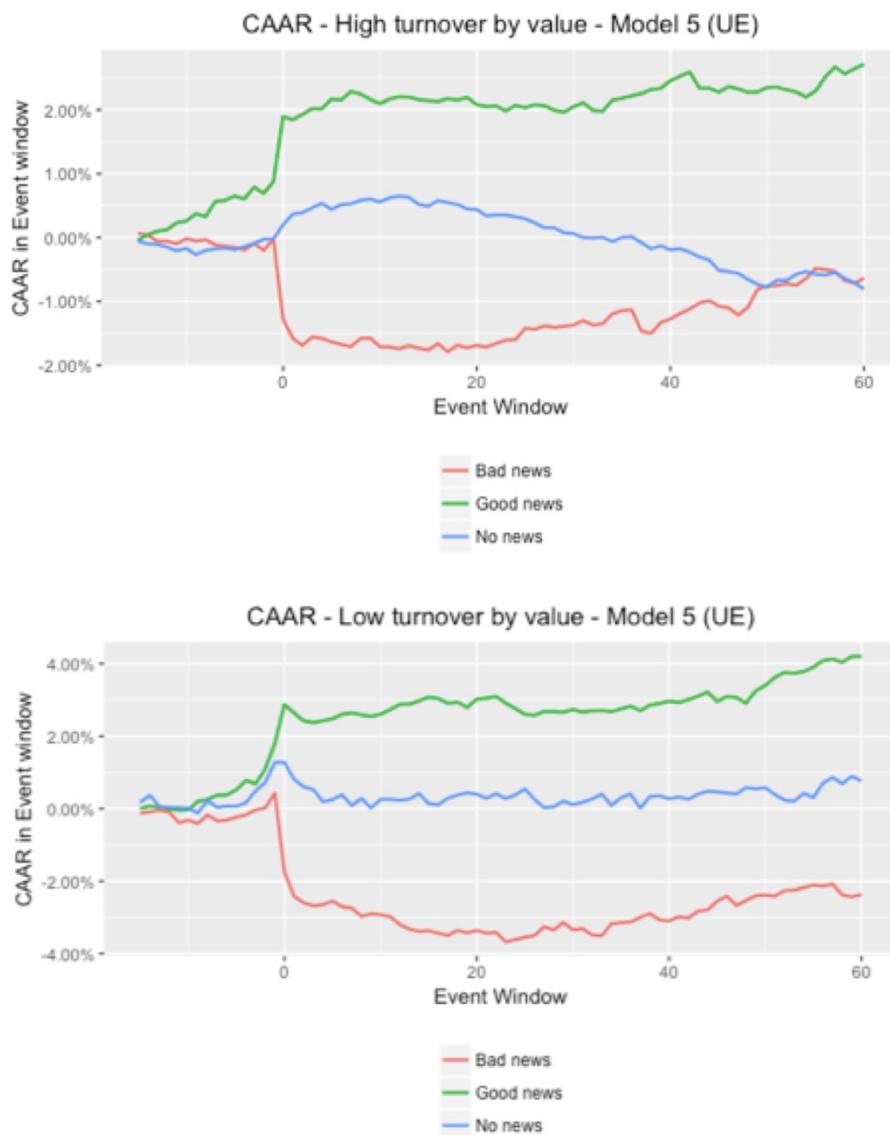


Figure 5.16: CAAR plot for turnover by value

Figure 5.16 shows no distinctive differences between how high- and low traded stocks react to the announcement of earnings. The good news category for both portfolios starts to drift upwards in the pre-event window. However, the portfolio with high (low) turnover by value, shows indications of an underreaction (overreaction) on the announcement date, for good news.

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#### Summary of results - Model 5 (UE)

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|                             |           | Pre-event window<br>(-15,-2) | Event window<br>(-1,1) | Post-event window<br>(-2,60) |
|-----------------------------|-----------|------------------------------|------------------------|------------------------------|
| High turnover by<br>value   | Good news | 0,0069*                      | 0,0116*                | 0,0087                       |
|                             | Bad news  | -0,002                       | -0,0138*               | 0,0094                       |
| Medium turnover by<br>value | Good news | 0,006                        | 0,0059*                | 0,0041                       |
|                             | Bad news  | -0,0088*                     | -0,0217*               | -0,0043                      |
| Low turnover by<br>value    | Good news | 0,0109*                      | 0,0155*                | 0,0156                       |
|                             | Bad news  | 0,0002                       | -0,0244*               | 0,0005                       |

\* significance is measured at a 5% significance level, based on the student t-test

*Table 5.22: Summary of turnover by value results*

Both portfolios have a significant pre-event window for the good news category. Table 5.22 shows no significant post-announcement drift for the portfolios. All the portfolios show positive cumulative average abnormal returns for good news, and negative cumulative average abnormal returns for bad news, in the three-day event window. Based on our results, there are no clear differences between stocks with high and low liquidity.

## 6 Conclusion

The purpose of this thesis, is to examine earnings announcements and stock market returns in the Nordic market. We have conducted an event study to investigate the effects of quarterly earnings announcements. Our null hypothesis is that earnings announcements have no effect on stock returns. We found that the announcement of positive earnings surprises, are followed by a significant positive reaction at the announcement date. Negative earnings surprises are followed by significant negative reactions. These results confirm that earnings announcements have an effect on stock returns, and that the new information has value to the market.

According to our findings, the stock return reacts quickly to the announcement of quarterly earnings, indicating that the Nordic market is efficient. When examining daily reactions surrounding the announcement date, we find that the aggregated Nordic market reacts rapidly. For good news, the new information is incorporated by the announcement date. Bad news seems to react slower, but the news is incorporated by the second day after the announcement. In the individual Nordic countries, we also find the similar reaction to good news, and a slower reaction to bad news. However, findings of significant pre- and post-announcement drift for the good news category, are conflicting with the efficient market hypothesis. In the aggregated Nordic market, we find a positive drift in the post-announcement period for good news, but not for bad news. In the individual countries, no post-announcement drift is detected, for neither good- or bad news. These findings could be the result of aggregation, or the use of different indexes when calculating normal return. Based on the results from the individual countries, we could not find any clear differences between the countries, with regards to market efficiency and post-earnings announcement drift.

For both the aggregated Nordic market and the individual countries, except Denmark, we find that good news starts to drift upward in the period before the announcement date. The magnitude of the reaction is greatest in Norway. Sehgal and Bijoy (2015) present two possible explanations for the significant pre-event window: “[...] that either investor are able to pre-empt information contained in earnings by observing other related financial variables or there are possible information leakages leading to information asymmetries” (Sehgal and Bijoy 2015, 34). Management forecasts and other publicly available information, could explain the

drift in the pre-announcement period. The Nordic market is regulated by laws, forbidding insider trading. However, we can not rule out the possibility of information leakage before the announcement, as a possible explanation.

The Nordic countries have different industry structures, company sizes and stock market liquidity. These factors can be used as potential explanations for differences in the Nordic market. When investigating the different industries, we found that the biggest industry, Industrials, shows a positive drift in the pre-event period. None of the industries have post-announcement drift, and we could not find any other clear differences between the industries, regarding the announcement of earnings.

We also examined how companies with high and low market capitalization, react to the announcement of quarterly earnings. Our findings show that companies with low market capitalization show an upward drift for good news, in both the pre- and post-announcement period. These results could explain why we find post-announcement drift in the aggregated Nordic market, but not in the individual countries. The distribution of small companies could be spread differently between the countries, giving them too low weight. However, when these countries are aggregated, the total number of small companies becomes sufficiently large to display the post-announcement drift. In addition to the other factors, we also examined the importance of stock liquidity, measured by turnover. Based on our results, we could not find any clear differences between companies with high- and low liquidity, regarding the reaction to earnings announcements.

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# Appendix

## Summary statistics

Summary of the market (MSCI RETURN) from 2011-2015

|               | Denmark MSCI | Finland MSCI | Norway MSCI | Sweden MSCI | Nordic MSCI |
|---------------|--------------|--------------|-------------|-------------|-------------|
| nobs          | 1304         | 1304         | 1304        | 1304        | 1304        |
| NAs           | 1            | 1            | 1           | 1           | 1           |
| Minimum       | -0,0662      | -0,0649      | -0,0774     | -0,0744     | -0,0671     |
| Maximum       | 0,0463       | 0,0582       | 0,0550      | 0,0668      | 0,0542      |
| 1. Quartile   | -0,0049      | -0,0068      | -0,0070     | -0,0059     | -0,0051     |
| 3. Quartile   | 0,0065       | 0,0076       | 0,0072      | 0,0072      | 0,0065      |
| Mean          | 0,0006       | 0,0001       | -0,0002     | 0,0002      | 0,0002      |
| Median        | 0,0007       | 0,0000       | 0,0004      | 0,0004      | 0,0006      |
| Sum           | 0,7865       | 0,1220       | -0,2279     | 0,2596      | 0,2868      |
| SE Mean       | 0,0003       | 0,0004       | 0,0004      | 0,0004      | 0,0003      |
| LCL Mean      | 0,0000       | -0,0006      | -0,0009     | -0,0005     | -0,0004     |
| UCL Mean      | 0,0012       | 0,0008       | 0,0006      | 0,0009      | 0,0009      |
| Variance      | 0,0001       | 0,0002       | 0,0002      | 0,0002      | 0,0001      |
| Stdev         | 0,0108       | 0,0136       | 0,0138      | 0,0134      | 0,0118      |
| Skewness      | -0,2865      | -0,1804      | -0,4526     | -0,3483     | -0,4082     |
| Kurtosis      | 2,6008       | 2,0808       | 2,7469      | 3,3008      | 3,3641      |
| Yearly return | 0,1510       | 0,0235       | -0,0438     | 0,0498      | 0,0550      |
| Yearly stdev  | 0,1700       | 0,2152       | 0,2178      | 0,2124      | 0,1869      |

Summary of the market (MSCI PRICE) from 2011-2015

|             | Denmark MSCI | Finland MSCI | Norway MSCI | Sweden MSCI | Nordic MSCI |
|-------------|--------------|--------------|-------------|-------------|-------------|
| nobs        | 1304         | 1304         | 1304        | 1304        | 1304        |
| NAs         | 0            | 0            | 0           | 0           | 0           |
| Minimum     | 790          | 648          | 810         | 772         | 770         |
| Maximum     | 2428         | 1367         | 1299        | 1579        | 1609        |
| 1. Quartile | 1083         | 815          | 1040        | 1031        | 1019        |
| 3. Quartile | 1743         | 1100         | 1161        | 1296        | 1317        |
| Mean        | 1448         | 973          | 1101        | 1175        | 1173        |
| Median      | 1282         | 1010         | 1123        | 1190        | 1144        |
| SE Mean     | 13           | 5            | 3           | 5           | 6           |
| LCL Mean    | 1423         | 963          | 1096        | 1165        | 1162        |
| UCL Mean    | 1473         | 983          | 1106        | 1185        | 1184        |
| Variance    | 211348       | 33250        | 8601        | 35415       | 40905       |
| Stdev       | 460          | 182          | 93          | 188         | 202         |
| Skewness    | 0,6529       | 0,1058       | -0,5814     | 0,0800      | 0,2066      |
| Kurtosis    | -0,7869      | -1,1338      | -0,1967     | -0,7412     | -0,8555     |

Summary of the average company in our sample (return) from 2011-2015

|               | Denmark | Finland | Norway  | Sweden  | NORDIC  |
|---------------|---------|---------|---------|---------|---------|
| nobs          | 1304    | 1304    | 1304    | 1304    | 1304    |
| NAs           | 0       | 0       | 0       | 0       | 0       |
| Minimum       | -0,0480 | -0,0555 | -0,0949 | -0,0640 | -0,0640 |
| Maximum       | 0,0440  | 0,0422  | 0,0470  | 0,0386  | 0,0335  |
| 1. Quartile   | -0,0041 | -0,0045 | -0,0068 | -0,0048 | -0,0041 |
| 3. Quartile   | 0,0047  | 0,0046  | 0,0060  | 0,0058  | 0,0046  |
| Mean          | 0,0000  | -0,0001 | -0,0009 | 0,0002  | -0,0002 |
| Median        | 0,0001  | 0,0000  | 0,0001  | 0,0008  | 0,0003  |
| Sum           | -0,0249 | -0,1888 | -1,1839 | 0,2321  | -0,2520 |
| SE Mean       | 0,0002  | 0,0002  | 0,0003  | 0,0003  | 0,0003  |
| LCL Mean      | -0,0005 | -0,0006 | -0,0016 | -0,0004 | -0,0007 |
| UCL Mean      | 0,0004  | 0,0003  | -0,0002 | 0,0007  | 0,0003  |
| Variance      | 0,0001  | 0,0001  | 0,0002  | 0,0001  | 0,0001  |
| Stdev         | 0,0085  | 0,0089  | 0,0123  | 0,0103  | 0,0091  |
| Skewness      | -0,4825 | -0,4646 | -0,9190 | -0,8388 | -0,9946 |
| Kurtosis      | 3,5579  | 4,3198  | 5,1359  | 4,5620  | 6,1662  |
| Yearly return | -0,0048 | -0,0363 | -0,2270 | 0,0445  | -0,0483 |
| Yearly stdev  | 0,1336  | 0,1413  | 0,1945  | 0,1636  | 0,1439  |

Summary of the average company in our sample (price) from 2011-2015

|             | Denmark | Finland | Norway | Sweden  | NORDIC |
|-------------|---------|---------|--------|---------|--------|
| nobs        | 1304    | 1304    | 1304   | 1304    | 1304   |
| NAs         | 0       | 0       | 0      | 0       | 0      |
| Minimum     | 54      | 7       | 8      | 6       | 16     |
| Maximum     | 248     | 11      | 192    | 11      | 83     |
| 1. Quartile | 62      | 9       | 13     | 7       | 20     |
| 3. Quartile | 83      | 10      | 57     | 9       | 27     |
| Mean        | 86      | 10      | 45     | 8       | 27     |
| Median      | 74      | 9       | 43     | 8       | 24     |
| SE Mean     | 1       | 0       | 1      | 0       | 0      |
| LCL Mean    | 84      | 9       | 43     | 8       | 27     |
| UCL Mean    | 88      | 10      | 47     | 8       | 28     |
| Variance    | 1712    | 1       | 1629   | 1       | 206    |
| Stdev       | 41      | 1       | 40     | 1       | 14     |
| Skewness    | 2,4586  | 0,1076  | 1,7705 | 0,3706  | 2,5161 |
| Kurtosis    | 5,1401  | -1,0687 | 3,1246 | -0,6123 | 5,5322 |

## Correlation matrix

| Correlation matrix -<br>Return | MSCI Denmark | MSCI Finland | MSCI Norway | MSCI Sweden | MSCI Nordic |
|--------------------------------|--------------|--------------|-------------|-------------|-------------|
| MSCI Denmark                   | 1            | 0,6674       | 0,6240      | 0,6948      | 0,8040      |
| MSCI Finland                   | 0,6674       | 1            | 0,7202      | 0,8278      | 0,8904      |
| MSCI Norway                    | 0,6240       | 0,7202       | 1           | 0,7626      | 0,8440      |
| MSCI Sweden                    | 0,6948       | 0,8278       | 0,7626      | 1           | 0,9707      |
| MSCI Nordic                    | 0,8040       | 0,8904       | 0,8440      | 0,9707      | 1           |

| Correlation matrix -<br>Price | MSCI Denmark | MSCI Finland | MSCI Norway | MSCI Sweden | MSCI Nordic |
|-------------------------------|--------------|--------------|-------------|-------------|-------------|
| MSCI Denmark                  | 1            | 0,8713       | 0,1196      | 0,9428      | 0,9674      |
| MSCI Finland                  | 0,8713       | 1            | 0,2298      | 0,8966      | 0,9247      |
| MSCI Norway                   | 0,1196       | 0,2298       | 1           | 0,3424      | 0,3139      |
| MSCI Sweden                   | 0,9428       | 0,8966       | 0,3424      | 1           | 0,9918      |
| MSCI Nordic                   | 0,9674       | 0,9247       | 0,3139      | 0,9918      | 1           |

## Industry Classification Benchmark description

### Industry Classification Benchmark (ICB)

| ICBIN              | ICBIC |
|--------------------|-------|
| Basic Materials    | 1000  |
| Consumer Goods     | 3000  |
| Consumer Services  | 5000  |
| Financials         | 8000  |
| Health Care        | 4000  |
| Industrials        | 2000  |
| Oil & Gas          | 0001  |
| Technology         | 9000  |
| Telecommunications | 6000  |
| Utilities          | 7000  |

## Event study results

| Nordic - Model 1 (UE) |        |         |       |                    |       |                       |       |                    |       |                      |       |                 |       |
|-----------------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| Good News             |        |         |       |                    |       |                       |       |                    |       |                      |       |                 |       |
| Eventwindow           | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
| (-15,60)              | 0,0199 | 3,9448  | 1E-04 | 4,3372             | 0     | 3,8495                | 1E-04 | 3,5841             | 3E-04 | 2,424                | 0,015 | 4,1522          | 0     |
| (-1,1)                | 0,0133 | 13,2739 | 0     | 9,7833             | 0     | 24,2476               | 0     | 12,984             | 0     | 7,7861               | 0     | 11,8473         | 0     |
| (-5,5)                | 0,0187 | 9,7441  | 0     | 9,8987             | 0     | 16,1122               | 0     | 12,5504            | 0     | 5,847                | 0     | 10,605          | 0     |
| (2,60)                | -3E-04 | -0,0745 | 0,941 | -0,0876            | 0,93  | -2,5774               | 0,01  | -2,6277            | 0,009 | -0,2243              | 0,823 | -0,6789         | 0,497 |
| (6,60)                | -8E-04 | -0,1953 | 0,845 | -0,2344            | 0,815 | -2,7806               | 0,005 | -2,8558            | 0,004 | -0,0412              | 0,967 | -0,1268         | 0,899 |
| (-15,-2)              | 0,0069 | 3,1994  | 0,001 | 4,1688             | 0     | 3,0356                | 0,002 | 3,4764             | 5E-04 | 2,5039               | 0,012 | 3,7036          | 2E-04 |
| (0)                   | 0,0093 | 16,1208 | 0     | 8,5123             | 0     | 31,8676               | 0     | 12,0388            | 0     | 8,9818               | 0     | 10,7776         | 0     |
| Bad News              |        |         |       |                    |       |                       |       |                    |       |                      |       |                 |       |
| Eventwindow           | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
| (-15,60)              | -0,017 | -3,47   | 5E-04 | -3,2892            | 0,001 | -6,0158               | 0     | -5,3761            | 0     | -1,3674              | 0,172 | -4,6607         | 0     |
| (-1,1)                | -0,023 | -23,227 | 0     | -15,077            | 0     | -27,168               | 0     | -14,353            | 0     | -7,2326              | 0     | -13,578         | 0     |
| (-5,5)                | -0,024 | -12,367 | 0     | -11,336            | 0     | -15,003               | 0     | -11,643            | 0     | -4,4128              | 0     | -10,277         | 0     |
| (2,60)                | 0,0091 | 2,0767  | 0,038 | 2,0668             | 0,039 | 0,4123                | 0,68  | 0,3963             | 0,692 | 0,3518               | 0,725 | 0,462           | 0,644 |
| (6,60)                | 0,0097 | 2,2889  | 0,022 | 2,3                | 0,021 | 0,7521                | 0,452 | 0,7252             | 0,468 | 0,6683               | 0,504 | 0,4999          | 0,617 |
| (-15,-2)              | -0,003 | -1,5962 | 0,11  | -1,7509            | 0,08  | -2,2864               | 0,022 | -2,4956            | 0,013 | -0,5601              | 0,575 | -1,663          | 0,096 |
| (0)                   | -0,022 | -37,809 | 0     | -16,827            | 0     | -45,499               | 0     | -16,969            | 0     | -12,96               | 0     | -15,817         | 0     |
| No news               |        |         |       |                    |       |                       |       |                    |       |                      |       |                 |       |
| Eventwindow           | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
| (-15,60)              | -0,008 | -1,3314 | 0,183 | -1,3839            | 0,166 | -2,0904               | 0,037 | -2,0652            | 0,039 | -0,6719              | 0,502 | -2,6773         | 0,007 |
| (-1,1)                | -0,003 | -2,684  | 0,007 | -1,722             | 0,085 | -2,7963               | 0,005 | -1,4523            | 0,146 | -0,997               | 0,319 | -0,2782         | 0,781 |
| (-5,5)                | -0,002 | -0,8244 | 0,41  | -0,7487            | 0,454 | -1,7718               | 0,076 | -1,372             | 0,17  | -0,5294              | 0,597 | -0,4045         | 0,686 |
| (2,60)                | -0,005 | -0,9863 | 0,324 | -1,1349            | 0,256 | -1,5751               | 0,115 | -1,7474            | 0,081 | -0,9316              | 0,352 | -2,2985         | 0,022 |
| (6,60)                | -0,003 | -0,6522 | 0,514 | -0,7585            | 0,448 | -1,1523               | 0,249 | -1,2948            | 0,195 | -0,5603              | 0,575 | -1,0989         | 0,272 |
| (-15,-2)              | 0,0004 | 0,165   | 0,869 | 0,1991             | 0,842 | -0,3426               | 0,732 | -0,3864            | 0,699 | 0,8085               | 0,419 | -0,5939         | 0,553 |
| (0)                   | -0,003 | -4,8871 | 0     | -2,096             | 0,036 | -4,5369               | 0     | -1,6315            | 0,103 | -1,9104              | 0,056 | -0,7201         | 0,471 |
| Nordic - Model 2 (UE) |        |         |       |                    |       |                       |       |                    |       |                      |       |                 |       |
| Good news             |        |         |       |                    |       |                       |       |                    |       |                      |       |                 |       |
| Eventwindow           | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
| (-15,60)              | 0,0231 | 4,6392  | 0     | 5,0404             | 0     | 4,4114                | 0     | 4,1093             | 0     | 2,5234               | 0,012 | 3,9068          | 1E-04 |
| (-1,1)                | 0,0115 | 11,6126 | 0     | 8,0155             | 0     | 20,643                | 0     | 10,9009            | 0     | 6,6465               | 0     | 9,8497          | 0     |
| (-5,5)                | 0,0168 | 8,9114  | 0     | 8,5115             | 0     | 14,1292               | 0     | 10,7354            | 0     | 5,2726               | 0     | 8,9408          | 0     |
| (2,60)                | 0,004  | 0,919   | 0,358 | 1,0705             | 0,284 | -1,3807               | 0,167 | -1,4142            | 0,157 | 0,098                | 0,922 | -0,1833         | 0,855 |
| (6,60)                | 0,0034 | 0,7934  | 0,428 | 0,9495             | 0,342 | -1,5676               | 0,117 | -1,6234            | 0,105 | 0,2134               | 0,831 | 0,2362          | 0,813 |
| (-15,-2)              | 0,0076 | 3,5469  | 4E-04 | 4,3852             | 0     | 3,5568                | 4E-04 | 3,989              | 1E-04 | 2,6014               | 0,009 | 3,3475          | 8E-04 |
| (0)                   | 0,008  | 14,1184 | 0     | 6,7742             | 0     | 26,9711               | 0     | 10,0203            | 0     | 7,5914               | 0     | 8,731           | 0     |
| Bad news              |        |         |       |                    |       |                       |       |                    |       |                      |       |                 |       |
| Eventwindow           | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
| (-15,60)              | -0,015 | -3,0521 | 0,002 | -3,0861            | 0,002 | -5,5003               | 0     | -5,0193            | 0     | -1,1098              | 0,267 | -4,4496         | 0     |
| (-1,1)                | -0,02  | -19,813 | 0     | -13,746            | 0     | -23,408               | 0     | -12,417            | 0     | -6,754               | 0     | -11,885         | 0     |
| (-5,5)                | -0,019 | -10,066 | 0     | -9,9349            | 0     | -12,793               | 0     | -10,034            | 0     | -4,0413              | 1E-04 | -8,4819         | 0     |
| (2,60)                | 0,0075 | 1,6856  | 0,092 | 1,8151             | 0,07  | 0,1948                | 0,846 | 0,1934             | 0,847 | 0,4743               | 0,635 | 0,3595          | 0,719 |
| (6,60)                | 0,008  | 1,8621  | 0,063 | 2,0121             | 0,044 | 0,5526                | 0,581 | 0,5496             | 0,583 | 0,8629               | 0,388 | 0,7294          | 0,466 |
| (-15,-2)              | -0,003 | -1,3997 | 0,162 | -1,6368            | 0,102 | -2,3795               | 0,017 | -2,654             | 0,008 | -0,4329              | 0,665 | -1,3052         | 0,192 |
| (0)                   | -0,019 | -32,639 | 0     | -16,006            | 0     | -39,545               | 0     | -14,873            | 0     | -12,226              | 0     | -13,254         | 0     |
| No news               |        |         |       |                    |       |                       |       |                    |       |                      |       |                 |       |
| Eventwindow           | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
| (-15,60)              | -0,021 | -3,3228 | 9E-04 | -2,8089            | 0,005 | -3,7449               | 2E-04 | -3,4847            | 5E-04 | -1,6184              | 0,106 | -2,3664         | 0,018 |
| (-1,1)                | -0,002 | -1,578  | 0,115 | -1,0394            | 0,299 | -0,9896               | 0,322 | -0,5054            | 0,613 | 0,6491               | 0,516 | 1,3414          | 0,18  |
| (-5,5)                | -0,003 | -1,2534 | 0,21  | -1,1206            | 0,262 | -0,9641               | 0,335 | -0,7587            | 0,448 | 0,0557               | 0,956 | 0,2356          | 0,814 |
| (2,60)                | -0,017 | -3,0962 | 0,002 | -2,6512            | 0,008 | -3,5481               | 4E-04 | -3,5134            | 4E-04 | -2,1995              | 0,028 | -3,147          | 0,002 |
| (6,60)                | -0,014 | -2,6997 | 0,007 | -2,3389            | 0,019 | -3,1946               | 0,001 | -3,1749            | 0,002 | -1,7481              | 0,08  | -2,2363         | 0,025 |
| (-15,-2)              | -0,002 | -0,6553 | 0,512 | -0,8204            | 0,412 | -0,9835               | 0,325 | -1,122             | 0,262 | 0,4441               | 0,657 | -0,4149         | 0,678 |
| (0)                   | -0,003 | -4,7429 | 0     | -2,1256            | 0,034 | -3,2379               | 0,001 | -1,1344            | 0,257 | -1,1076              | 0,268 | -0,48           | 0,631 |

Nordic - Model 5 (UE)

Good news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | 0,0286 | 5,5591  | 0     | 5,9135      | 0     | 6,0731         | 0     | 5,7096      | 0     | 3,0171        | 0,003 | 4,7772   | 0     |
| (-1,1)      | 0,011  | 10,7478 | 0     | 7,4428      | 0     | 19,8766        | 0     | 10,5648     | 0     | 6,5174        | 0     | 9,6853   | 0     |
| (-5,5)      | 0,0171 | 8,7427  | 0     | 8,2953      | 0     | 13,84          | 0     | 10,5361     | 0     | 5,1896        | 0     | 8,718    | 0     |
| (2,60)      | 0,0096 | 2,112   | 0,035 | 2,4138      | 0,016 | 0,6641         | 0,507 | 0,6868      | 0,492 | 0,8709        | 0,384 | 0,9439   | 0,345 |
| (6,60)      | 0,0087 | 1,9813  | 0,048 | 2,336       | 0,02  | 0,4864         | 0,627 | 0,509       | 0,611 | 0,9636        | 0,335 | 1,4454   | 0,148 |
| (-15,-2)    | 0,008  | 3,6413  | 3E-04 | 4,598       | 0     | 3,5856         | 3E-04 | 4,091       | 0     | 2,2249        | 0,026 | 2,6277   | 0,009 |
| (0)         | 0,0074 | 12,519  | 0     | 5,9965      | 0     | 25,2129        | 0     | 9,4865      | 0     | 7,0124        | 0     | 7,5      | 0     |

Bad news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | -0,022 | -4,2766 | 0     | -4,3655     | 0     | -7,6317        | 0     | -6,9198     | 0     | -2,0149       | 0,044 | -6,056   | 0     |
| (-1,1)      | -0,02  | -19,729 | 0     | -13,536     | 0     | -24,432        | 0     | -12,842     | 0     | -6,7563       | 0     | -11,46   | 0     |
| (-5,5)      | -0,02  | -10,513 | 0     | -10,482     | 0     | -13,903        | 0     | -10,998     | 0     | -4,2572       | 0     | -9,2984  | 0     |
| (2,60)      | 0,002  | 0,4413  | 0,659 | 0,4737      | 0,636 | -1,8088        | 0,071 | -1,7593     | 0,079 | -0,5746       | 0,566 | -0,8011  | 0,423 |
| (6,60)      | 0,0027 | 0,6253  | 0,532 | 0,6686      | 0,504 | -1,4348        | 0,151 | -1,3958     | 0,163 | -0,185        | 0,853 | -0,6147  | 0,539 |
| (-15,-2)    | -0,004 | -1,7374 | 0,082 | -2,0455     | 0,041 | -2,7584        | 0,006 | -3,1474     | 0,002 | -0,3875       | 0,698 | -1,7701  | 0,077 |
| (0)         | -0,019 | -32,671 | 0     | -15,868     | 0     | -40,668        | 0     | -15,016     | 0     | -11,97        | 0     | -12,392  | 0     |

No news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | -0,012 | -1,9335 | 0,053 | -1,8328     | 0,067 | -2,056         | 0,04  | -1,9592     | 0,05  | -0,0728       | 0,942 | -0,9137  | 0,361 |
| (-1,1)      | 0,0011 | 0,9076  | 0,364 | 0,6117      | 0,541 | 2,6899         | 0,007 | 1,3766      | 0,169 | 1,7037        | 0,088 | 1,6274   | 0,104 |
| (-5,5)      | 0,0017 | 0,7316  | 0,464 | 0,6823      | 0,495 | 1,9909         | 0,047 | 1,5369      | 0,124 | 1,2983        | 0,194 | 2,1356   | 0,033 |
| (2,60)      | -0,015 | -2,8855 | 0,004 | -2,7919     | 0,005 | -3,284         | 0,001 | -3,4023     | 7E-04 | -1,2537       | 0,21  | -3,0101  | 0,003 |
| (6,60)      | -0,012 | -2,4136 | 0,016 | -2,3953     | 0,017 | -2,9193        | 0,004 | -3,0408     | 0,002 | -0,7211       | 0,471 | -2,0572  | 0,04  |
| (-15,-2)    | 0,0026 | 0,9985  | 0,318 | 1,3018      | 0,193 | 0,7062         | 0,48  | 0,7987      | 0,425 | 1,6153        | 0,106 | 1,4368   | 0,151 |
| (0)         | 0,0001 | 0,2003  | 0,841 | 0,0933      | 0,926 | 2,691          | 0,007 | 0,9562      | 0,339 | 0,7593        | 0,448 | 0,8651   | 0,387 |

Nordic - Model 1 (SUE)

Good news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | 0,0222 | 4,211   | 0     | 4,6037      | 0     | 4,2536         | 0     | 3,9765      | 1E-04 | 2,5989        | 0,009 | 4,5563   | 0     |
| (-1,1)      | 0,0137 | 13,0936 | 0     | 9,8167      | 0     | 24,1985        | 0     | 13,2634     | 0     | 7,8001        | 0     | 11,5887  | 0     |
| (-5,5)      | 0,0191 | 9,5402  | 0     | 9,7618      | 0     | 15,9284        | 0     | 12,5381     | 0     | 5,7974        | 0     | 10,5339  | 0     |
| (2,60)      | 0,0012 | 0,2483  | 0,804 | 0,2905      | 0,772 | -2,1461        | 0,032 | -2,1854     | 0,029 | 0,0078        | 0,994 | -0,507   | 0,612 |
| (6,60)      | 0,001  | 0,22    | 0,826 | 0,2621      | 0,793 | -2,2613        | 0,024 | -2,3182     | 0,02  | 0,2274        | 0,82  | 0,4776   | 0,633 |
| (-15,-2)    | 0,0073 | 3,2404  | 0,001 | 4,2453      | 0     | 3,1145         | 0,002 | 3,6121      | 3E-04 | 2,4285        | 0,015 | 3,6421   | 3E-04 |
| (0)         | 0,0096 | 15,8789 | 0     | 8,4955      | 0     | 32,0001        | 0     | 12,3922     | 0     | 9,1027        | 0     | 10,5339  | 0     |

Bad news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | -0,013 | -2,4503 | 0,014 | -2,3521     | 0,019 | -4,8683        | 0     | -4,3481     | 0     | -1,035        | 0,301 | -3,7174  | 2E-04 |
| (-1,1)      | -0,023 | -22,406 | 0     | -14,582     | 0     | -26,484        | 0     | -14,034     | 0     | -7,2749       | 0     | -13,666  | 0     |
| (-5,5)      | -0,023 | -11,372 | 0     | -10,44      | 0     | -14,017        | 0     | -10,96      | 0     | -4,2221       | 0     | -10,155  | 0     |
| (2,60)      | 0,0125 | 2,6936  | 0,007 | 2,7129      | 0,007 | 1,0954         | 0,273 | 1,0505      | 0,294 | 0,6202        | 0,535 | 1,3154   | 0,188 |
| (6,60)      | 0,0127 | 2,8346  | 0,005 | 2,8916      | 0,004 | 1,3788         | 0,168 | 1,3288      | 0,184 | 0,9152        | 0,36  | 1,1984   | 0,231 |
| (-15,-2)    | -0,002 | -0,8666 | 0,386 | -0,9453     | 0,345 | -1,3315        | 0,183 | -1,443      | 0,149 | -0,3172       | 0,751 | -1,0644  | 0,287 |
| (0)         | -0,022 | -36,603 | 0     | -16,272     | 0     | -44,004        | 0     | -16,388     | 0     | -12,842       | 0     | -15,5    | 0     |

No news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | -0,022 | -4,6662 | 0     | -4,6356     | 0     | -4,2827        | 0     | -4,1179     | 0     | -1,7357       | 0,083 | -4,4026  | 0     |
| (-1,1)      | -0,004 | -4,0623 | 0     | -2,3532     | 0,019 | -3,5733        | 4E-04 | -1,7616     | 0,078 | -0,6748       | 0,5   | 0,1055   | 0,916 |
| (-5,5)      | -0,004 | -2,4882 | 0,013 | -2,1356     | 0,033 | -2,6533        | 0,008 | -1,9689     | 0,049 | -0,5783       | 0,563 | -0,3954  | 0,693 |
| (2,60)      | -0,014 | -3,5079 | 5E-04 | -3,8025     | 1E-04 | -3,1747        | 0,002 | -3,4637     | 5E-04 | -2,0528       | 0,04  | -3,5678  | 4E-04 |
| (6,60)      | -0,013 | -3,2596 | 0,001 | -3,529      | 4E-04 | -2,8495        | 0,004 | -3,1313     | 0,002 | -1,7171       | 0,086 | -2,9555  | 0,003 |
| (-15,-2)    | -0,004 | -1,7901 | 0,073 | -2,1614     | 0,031 | -1,8071        | 0,071 | -2,0062     | 0,045 | 0,4826        | 0,629 | -1,1745  | 0,24  |
| (0)         | -0,004 | -7,2746 | 0     | -2,9192     | 0,004 | -7,1546        | 0     | -2,4629     | 0,014 | -2,6486       | 0,008 | -0,9519  | 0,341 |

Nordic - Model 2 (SUE)

Good news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | 0,0255 | 4,9159  | 0     | 5,3294             | 0     | 5,145                 | 0     | 4,7928             | 0     | 2,8319               | 0,005 | 4,8611          | 0     |
| (-1,1)      | 0,0121 | 11,7377 | 0     | 8,229              | 0     | 21,3304               | 0     | 11,5389            | 0     | 6,9472               | 0     | 10,3408         | 0     |
| (-5,5)      | 0,0181 | 9,1757  | 0     | 8,8782             | 0     | 14,6004               | 0     | 11,2515            | 0     | 5,4165               | 0     | 9,0954          | 0     |
| (2,60)      | 0,0054 | 1,1756  | 0,24  | 1,3512             | 0,177 | -0,8366               | 0,403 | -0,8449            | 0,398 | 0,3445               | 0,731 | 0,3065          | 0,759 |
| (6,60)      | 0,0047 | 1,0763  | 0,282 | 1,2676             | 0,205 | -0,9509               | 0,342 | -0,9705            | 0,332 | 0,5257               | 0,599 | 0,5556          | 0,579 |
| (-15,-2)    | 0,008  | 3,6067  | 3E-04 | 4,5216             | 0     | 3,8309                | 1E-04 | 4,3589             | 0     | 2,675                | 0,008 | 3,6869          | 2E-04 |
| (0)         | 0,0084 | 14,0793 | 0     | 6,8603             | 0     | 27,9111               | 0     | 10,6249            | 0     | 7,965                | 0     | 8,8819          | 0     |

Bad news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,014 | -2,6761 | 0,007 | -2,6305            | 0,009 | -4,7672               | 0     | -4,3173            | 0     | -0,9584              | 0,338 | -3,635          | 3E-04 |
| (-1,1)      | -0,02  | -19,249 | 0     | -13,514            | 0     | -22,619               | 0     | -12,036            | 0     | -6,7936              | 0     | -11,694         | 0     |
| (-5,5)      | -0,02  | -9,6071 | 0     | -9,418             | 0     | -11,731               | 0     | -9,239             | 0     | -3,7479              | 2E-04 | -7,8926         | 0     |
| (2,60)      | 0,0089 | 1,9069  | 0,057 | 1,9893             | 0,047 | 0,6837                | 0,494 | 0,6685             | 0,504 | 0,6899               | 0,49  | 1,1928          | 0,233 |
| (6,60)      | 0,0094 | 2,082   | 0,037 | 2,1842             | 0,029 | 0,9557                | 0,339 | 0,9354             | 0,35  | 0,9821               | 0,326 | 1,0788          | 0,281 |
| (-15,-2)    | -0,003 | -1,2392 | 0,215 | -1,4489            | 0,147 | -2,0401               | 0,041 | -2,2894            | 0,022 | -0,5043              | 0,614 | -0,898          | 0,369 |
| (0)         | -0,019 | -31,272 | 0     | -15,509            | 0     | -37,485               | 0     | -14,152            | 0     | -11,908              | 0     | -12,759         | 0     |

No news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,025 | -5,4111 | 0     | -5,3428            | 0     | -5,7025               | 0     | -5,4248            | 0     | -2,4758              | 0,013 | -4,8965         | 0     |
| (-1,1)      | -0,003 | -3,336  | 9E-04 | -1,9005            | 0,057 | -3,3776               | 7E-04 | -1,6423            | 0,101 | -0,2722              | 0,786 | -0,1025         | 0,918 |
| (-5,5)      | -0,006 | -3,137  | 0,002 | -2,704             | 0,007 | -3,1741               | 0,002 | -2,382             | 0,017 | -0,9892              | 0,323 | -0,9015         | 0,367 |
| (2,60)      | -0,019 | -4,6942 | 0     | -4,986             | 0     | -4,8207               | 0     | -5,1865            | 0     | -2,9654              | 0,003 | -4,8394         | 0     |
| (6,60)      | -0,017 | -4,3452 | 0     | -4,6495            | 0     | -4,4848               | 0     | -4,8524            | 0     | -2,4755              | 0,013 | -3,0132         | 0,003 |
| (-15,-2)    | -0,003 | -1,4265 | 0,154 | -1,6292            | 0,103 | -1,8266               | 0,068 | -1,9794            | 0,048 | 0,4451               | 0,656 | -1,4152         | 0,157 |
| (0)         | -0,005 | -8,4267 | 0     | -3,2519            | 0,001 | -8,2483               | 0     | -2,7613            | 0,006 | -3,2982              | 0,001 | -1,6435         | 0,1   |

Nordic - Model 5 (SUE)

Good news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | 0,0304 | 5,682   | 0     | 5,9697             | 0     | 6,8903                | 0     | 6,4278             | 0     | 3,4128               | 6E-04 | 5,8695          | 0     |
| (-1,1)      | 0,0118 | 11,0748 | 0     | 7,8146             | 0     | 21,0061               | 0     | 11,422             | 0     | 6,7773               | 0     | 9,8712          | 0     |
| (-5,5)      | 0,0185 | 9,0896  | 0     | 8,7371             | 0     | 15,0144               | 0     | 11,6631            | 0     | 5,5992               | 0     | 9,471           | 0     |
| (2,60)      | 0,0102 | 2,1691  | 0,03  | 2,4272             | 0,015 | 1,1144                | 0,265 | 1,1314             | 0,258 | 1,0957               | 0,273 | 1,5769          | 0,115 |
| (6,60)      | 0,0095 | 2,0737  | 0,038 | 2,3937             | 0,017 | 0,9327                | 0,351 | 0,9564             | 0,339 | 1,1998               | 0,23  | 2,0862          | 0,037 |
| (-15,-2)    | 0,0084 | 3,659   | 3E-04 | 4,6745             | 0     | 4,0423                | 1E-04 | 4,7064             | 0     | 2,5649               | 0,01  | 3,1412          | 0,002 |
| (0)         | 0,0081 | 13,2233 | 0     | 6,4206             | 0     | 27,4072               | 0     | 10,4829            | 0     | 7,6246               | 0     | 8,1614          | 0     |

Bad news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,02  | -3,6795 | 2E-04 | -3,7582            | 2E-04 | -7,0836               | 0     | -6,4506            | 0     | -1,8841              | 0,06  | -5,6575         | 0     |
| (-1,1)      | -0,021 | -19,222 | 0     | -13,425            | 0     | -24,012               | 0     | -12,802            | 0     | -6,9007              | 0     | -11,514         | 0     |
| (-5,5)      | -0,02  | -9,7906 | 0     | -9,8267            | 0     | -12,977               | 0     | -10,323            | 0     | -3,9922              | 1E-04 | -8,9495         | 0     |
| (2,60)      | 0,0036 | 0,7623  | 0,446 | 0,8159             | 0,415 | -1,5928               | 0,111 | -1,5471            | 0,122 | -0,4378              | 0,662 | -0,9875         | 0,323 |
| (6,60)      | 0,0042 | 0,9279  | 0,354 | 0,9892             | 0,323 | -1,2747               | 0,202 | -1,2361            | 0,216 | -0,0916              | 0,927 | -0,9109         | 0,362 |
| (-15,-2)    | -0,003 | -1,24   | 0,215 | -1,469             | 0,142 | -2,1189               | 0,034 | -2,4277            | 0,015 | -0,2967              | 0,767 | -1,2554         | 0,209 |
| (0)         | -0,02  | -31,998 | 0     | -15,827            | 0     | -39,807               | 0     | -14,954            | 0     | -12,036              | 0     | -12,663         | 0     |

No news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,019 | -4,1238 | 0     | -4,1745            | 0     | -4,0917               | 0     | -3,925             | 1E-04 | -1,308               | 0,191 | -3,2034         | 0,001 |
| (-1,1)      | -0,001 | -1,2267 | 0,22  | -0,6829            | 0,495 | -0,3406               | 0,733 | -0,1635            | 0,87  | 1,1216               | 0,262 | 0,9859          | 0,324 |
| (-5,5)      | -0,004 | -2,0264 | 0,043 | -1,6922            | 0,091 | -1,5099               | 0,131 | -1,1065            | 0,269 | -0,377               | 0,706 | 0,1367          | 0,891 |
| (2,60)      | -0,017 | -4,2276 | 0     | -4,6444            | 0     | -4,0678               | 0     | -4,4046            | 0     | -2,0035              | 0,045 | -3,4299         | 6E-04 |
| (6,60)      | -0,015 | -3,7704 | 2E-04 | -4,2037            | 0     | -3,6387               | 3E-04 | -3,995             | 1E-04 | -1,4288              | 0,153 | -2,4109         | 0,016 |
| (-15,-2)    | -7E-04 | -0,3617 | 0,718 | -0,4199            | 0,675 | -1,0249               | 0,305 | -1,1032            | 0,27  | 0,5462               | 0,585 | -0,203          | 0,839 |
| (0)         | -0,002 | -3,6942 | 2E-04 | -1,454             | 0,146 | -3,276                | 0,001 | -1,1041            | 0,27  | -1,0691              | 0,285 | -0,1464         | 0,884 |

Denmark - Model 1 (UE)

Good news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,002 | -0,1446 | 0,885 | -0,1526            | 0,879 | -0,1285               | 0,898 | -0,1261            | 0,9   | 0,4417               | 0,659 | -0,4389         | 0,661 |
| (-1,1)      | 0,0132 | 4,8455  | 0     | 4,2638             | 0     | 7,8792                | 0     | 4,7701             | 0     | 4,7585               | 0     | 4,4138          | 0     |
| (-5,5)      | 0,0165 | 3,1704  | 0,002 | 3,7456             | 2E-04 | 4,9293                | 0     | 4,0837             | 0     | 3,3532               | 8E-04 | 3,3462          | 8E-04 |
| (2,60)      | -0,014 | -1,1785 | 0,239 | -1,361             | 0,174 | -1,8988               | 0,058 | -2,0536            | 0,04  | -0,5049              | 0,614 | -0,73           | 0,465 |
| (6,60)      | -0,012 | -1,0403 | 0,298 | -1,1841            | 0,236 | -1,8876               | 0,059 | -2,0599            | 0,039 | -0,5326              | 0,594 | -0,8271         | 0,408 |
| (-15,-2)    | -9E-04 | -0,1607 | 0,872 | -0,1536            | 0,878 | -0,0487               | 0,961 | -0,0538            | 0,957 | -0,1371              | 0,891 | -0,3418         | 0,733 |
| (0)         | 0,0094 | 6,0119  | 0     | 4,2316             | 0     | 9,9649                | 0     | 4,3609             | 0     | 5,3725               | 0     | 4,7049          | 0     |

Bad news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,018 | -1,3402 | 0,18  | -1,4491            | 0,147 | -1,8347               | 0,067 | -1,6789            | 0,093 | -0,2761              | 0,783 | -1,4848         | 0,138 |
| (-1,1)      | -0,02  | -7,23   | 0     | -4,4178            | 0     | -6,9928               | 0     | -3,2914            | 0,001 | -3,2854              | 0,001 | -4,0766         | 0     |
| (-5,5)      | -0,02  | -3,8248 | 1E-04 | -3,5271            | 4E-04 | -3,6552               | 3E-04 | -2,7012            | 0,007 | -1,311               | 0,19  | -3,4287         | 6E-04 |
| (2,60)      | 0,005  | 0,4206  | 0,674 | 0,5062             | 0,613 | -0,272                | 0,786 | -0,2775            | 0,781 | 0,1204               | 0,904 | 0,1351          | 0,893 |
| (6,60)      | 0,0096 | 0,8321  | 0,405 | 0,9741             | 0,33  | -0,1085               | 0,914 | -0,1103            | 0,912 | 0,311                | 0,756 | -0,4049         | 0,686 |
| (-15,-2)    | -0,004 | -0,6393 | 0,523 | -0,6756            | 0,499 | -0,4793               | 0,632 | -0,5084            | 0,611 | 0,6303               | 0,529 | 0,3511          | 0,726 |
| (0)         | -0,015 | -9,334  | 0     | -4,2711            | 0     | -10,092               | 0     | -3,4798            | 5E-04 | -5,0779              | 0     | -3,6446         | 3E-04 |

No news

| Eventwindow | CAAR   | t      | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|--------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | 0,0172 | 0,9495 | 0,342 | 0,9893             | 0,323 | 1,1343                | 0,257 | 1,1446             | 0,252 | 0,5473               | 0,584 | 1,3779          | 0,168 |
| (-1,1)      | 0,0056 | 1,5669 | 0,117 | 1,2338             | 0,217 | 0,9919                | 0,321 | 0,6117             | 0,541 | 0,3198               | 0,749 | 0,7747          | 0,439 |
| (-5,5)      | 0,0062 | 0,9007 | 0,368 | 0,7626             | 0,446 | 0,4519                | 0,651 | 0,3613             | 0,718 | 0,2982               | 0,766 | 1,1769          | 0,239 |
| (2,60)      | 0,012  | 0,755  | 0,45  | 0,903              | 0,367 | 0,9595                | 0,337 | 1,1524             | 0,249 | 0,3751               | 0,708 | 0,9758          | 0,329 |
| (6,60)      | 0,0109 | 0,708  | 0,479 | 0,9692             | 0,332 | 1,0745                | 0,283 | 1,3192             | 0,187 | 0,4267               | 0,67  | 0,9758          | 0,329 |
| (-15,-2)    | -5E-04 | -0,063 | 0,95  | -0,0756            | 0,94  | 0,2139                | 0,831 | 0,23               | 0,818 | 0,357                | 0,721 | 0,9758          | 0,329 |
| (0)         | 0,0041 | 1,9936 | 0,046 | 0,8123             | 0,417 | 0,2113                | 0,833 | 0,081              | 0,935 | -0,6154              | 0,538 | -1,2361         | 0,216 |

Denmark - Model 2 (UE)

Good news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | 0,0002 | 0,0167  | 0,987 | 0,0167             | 0,987 | 0,4718                | 0,637 | 0,4481             | 0,654 | 0,6343               | 0,526 | -0,2925         | 0,77  |
| (-1,1)      | 0,0111 | 4,0701  | 0     | 3,527              | 4E-04 | 6,429                 | 0     | 3,8975             | 1E-04 | 4,0173               | 1E-04 | 3,9782          | 1E-04 |
| (-5,5)      | 0,0145 | 2,7677  | 0,006 | 2,9988             | 0,003 | 4,2086                | 0     | 3,4355             | 6E-04 | 3,2812               | 0,001 | 2,453           | 0,014 |
| (2,60)      | -0,009 | -0,7049 | 0,481 | -0,7673            | 0,443 | -1,2097               | 0,226 | -1,2488            | 0,212 | -0,4692              | 0,639 | -0,4959         | 0,62  |
| (6,60)      | -0,007 | -0,5735 | 0,566 | -0,6214            | 0,534 | -1,1284               | 0,259 | -1,1784            | 0,239 | -0,5265              | 0,599 | -0,5975         | 0,55  |
| (-15,-2)    | -0,002 | -0,398  | 0,691 | -0,335             | 0,738 | 0,6064                | 0,544 | 0,6537             | 0,513 | 0,5814               | 0,561 | -0,2925         | 0,77  |
| (0)         | 0,0067 | 4,2172  | 0     | 2,7614             | 0,006 | 6,7317                | 0     | 3,0282             | 0,003 | 3,7323               | 2E-04 | 3,1647          | 0,002 |

Bad news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,014 | -1,0396 | 0,299 | -1,1735            | 0,241 | -1,7809               | 0,075 | -1,6492            | 0,099 | -0,0518              | 0,959 | -1,0937         | 0,274 |
| (-1,1)      | -0,012 | -4,3897 | 0     | -2,8505            | 0,004 | -3,9061               | 1E-04 | -1,9294            | 0,054 | -1,8229              | 0,068 | -2,8132         | 0,005 |
| (-5,5)      | -0,013 | -2,548  | 0,011 | -2,5358            | 0,011 | -2,6253               | 0,009 | -1,989             | 0,047 | -1,0677              | 0,286 | -1,9029         | 0,057 |
| (2,60)      | -4E-04 | -0,0308 | 0,976 | -0,0393            | 0,969 | -0,828                | 0,408 | -0,8797            | 0,379 | 0,0034               | 0,997 | -0,6891         | 0,491 |
| (6,60)      | 0,0051 | 0,442   | 0,659 | 0,5524             | 0,581 | -0,4533               | 0,65  | -0,4842            | 0,628 | 0,4016               | 0,688 | -0,6891         | 0,491 |
| (-15,-2)    | -0,002 | -0,3271 | 0,744 | -0,4213            | 0,674 | -0,6415               | 0,521 | -0,6987            | 0,485 | 0,7161               | 0,474 | 0,9293          | 0,353 |
| (0)         | -0,008 | -5,1052 | 0     | -2,4927            | 0,013 | -5,5011               | 0     | -1,9543            | 0,051 | -3,103               | 0,002 | -2,4086         | 0,016 |

No news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -1E-04 | -0,0048 | 0,996 | -0,0057            | 0,995 | 0,0628                | 0,95  | 0,0741             | 0,941 | -0,2842              | 0,776 | 0,4815          | 0,63  |
| (-1,1)      | -0,003 | -0,7943 | 0,427 | -0,5203            | 0,603 | -0,6827               | 0,495 | -0,3355            | 0,737 | 0,2572               | 0,797 | 0,0574          | 0,954 |
| (-5,5)      | 0,0038 | 0,5381  | 0,591 | 0,5239             | 0,6   | 0,7991                | 0,424 | 0,6096             | 0,542 | 0,7244               | 0,469 | 0,6935          | 0,488 |
| (2,60)      | 0,0037 | 0,2287  | 0,819 | 0,2779             | 0,781 | 0,5865                | 0,558 | 0,7516             | 0,452 | 0,4416               | 0,659 | 2,1778          | 0,029 |
| (6,60)      | -0,002 | -0,1068 | 0,915 | -0,1274            | 0,899 | 0,0985                | 0,922 | 0,12               | 0,905 | 0,0773               | 0,938 | 1,1176          | 0,264 |
| (-15,-2)    | -9E-04 | -0,113  | 0,91  | -0,1329            | 0,894 | -0,7416               | 0,458 | -0,8085            | 0,419 | -1,6879              | 0,091 | -0,3666         | 0,714 |
| (0)         | -7E-04 | -0,353  | 0,724 | -0,1527            | 0,879 | -0,3207               | 0,749 | -0,1011            | 0,92  | 0,7594               | 0,448 | 0,2695          | 0,788 |

Denmark - Model 5 (UE)

Good news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | 0,0098 | 0,672   | 0,502 | 0,669              | 0,504 | 1,6188                | 0,106 | 1,534              | 0,125 | 1,29                 | 0,197 | 0,8628          | 0,388 |
| (-1,1)      | 0,0125 | 4,2981  | 0     | 3,7929             | 1E-04 | 7,347                 | 0     | 4,5694             | 0     | 4,0285               | 1E-04 | 3,3823          | 7E-04 |
| (-5,5)      | 0,0145 | 2,6066  | 0,009 | 2,7914             | 0,005 | 4,2649                | 0     | 3,4608             | 5E-04 | 2,8745               | 0,004 | 1,4927          | 0,136 |
| (2,60)      | 0,0012 | 0,0923  | 0,926 | 0,1037             | 0,917 | -0,0263               | 0,979 | -0,0273            | 0,978 | 0,4788               | 0,632 | 0,4429          | 0,658 |
| (6,60)      | 0,0051 | 0,4061  | 0,685 | 0,4539             | 0,65  | 0,3064                | 0,759 | 0,3227             | 0,747 | 0,6077               | 0,543 | 0,7578          | 0,449 |
| (-15,-2)    | -0,004 | -0,6135 | 0,54  | -0,5055            | 0,613 | 0,4246                | 0,671 | 0,4435             | 0,657 | 0,1579               | 0,875 | -0,2919         | 0,77  |
| (0)         | 0,0056 | 3,3302  | 9E-04 | 2,2461             | 0,025 | 7,0374                | 0     | 3,2554             | 0,001 | 3,1187               | 0,002 | 2,6474          | 0,008 |

Bad news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,017 | -1,2155 | 0,224 | -1,403             | 0,161 | -2,2519               | 0,024 | -2,076             | 0,038 | -0,5813              | 0,561 | -1,8186         | 0,069 |
| (-1,1)      | -0,015 | -5,4335 | 0     | -3,5816            | 3E-04 | -5,7283               | 0     | -2,8009            | 0,005 | -2,1992              | 0,028 | -2,6405         | 0,008 |
| (-5,5)      | -0,014 | -2,7112 | 0,007 | -2,7345            | 0,006 | -3,1033               | 0,002 | -2,3174            | 0,021 | -1,1226              | 0,262 | -1,6131         | 0,107 |
| (2,60)      | -0,002 | -0,1729 | 0,863 | -0,2173            | 0,828 | -1,1233               | 0,261 | -1,1685            | 0,243 | -0,5281              | 0,597 | -0,6885         | 0,491 |
| (6,60)      | 0,0013 | 0,1126  | 0,91  | 0,1385             | 0,89  | -0,9811               | 0,327 | -1,0256            | 0,305 | -0,2857              | 0,775 | -0,8939         | 0,371 |
| (-15,-2)    | 0,0002 | 0,0382  | 0,97  | 0,0524             | 0,958 | -0,2891               | 0,773 | -0,3211            | 0,748 | 0,7477               | 0,455 | 0,2362          | 0,813 |
| (0)         | -0,009 | -5,574  | 0     | -2,7454            | 0,006 | -7,2479               | 0     | -2,5421            | 0,011 | -2,8489              | 0,004 | -1,9213         | 0,055 |

No news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,017 | -1,1489 | 0,251 | -1,1507            | 0,25  | -0,6573               | 0,511 | -0,7678            | 0,443 | -0,3815              | 0,703 | -0,0646         | 0,949 |
| (-1,1)      | 0,0023 | 0,7789  | 0,436 | 0,4294             | 0,668 | 0,447                 | 0,655 | 0,2194             | 0,826 | 0,473                | 0,636 | 0,1308          | 0,896 |
| (-5,5)      | 0,0059 | 1,0524  | 0,293 | 0,9669             | 0,334 | 1,049                 | 0,294 | 0,8324             | 0,405 | 0,9952               | 0,32  | 1,4982          | 0,134 |
| (2,60)      | -0,019 | -1,4355 | 0,151 | -1,3839            | 0,166 | -0,6474               | 0,517 | -0,8268            | 0,408 | -0,4334              | 0,665 | 0,9121          | 0,362 |
| (6,60)      | -0,021 | -1,7136 | 0,087 | -1,6147            | 0,106 | -0,9974               | 0,319 | -1,2233            | 0,221 | -0,6847              | 0,494 | -0,2599         | 0,795 |
| (-15,-2)    | -6E-04 | -0,0905 | 0,928 | -0,097             | 0,923 | -0,4095               | 0,682 | -0,4643            | 0,642 | -0,2181              | 0,827 | 1,1075          | 0,268 |
| (0)         | 0,0054 | 3,1938  | 0,001 | 1,1812             | 0,238 | 1,9846                | 0,047 | 0,6481             | 0,517 | 1,3176               | 0,188 | 0,5214          | 0,602 |

Denmark - Model 1 (SUE)

Good news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | 0,0012 | 0,0887  | 0,929 | 0,093              | 0,926 | 0,0216                | 0,983 | 0,0213             | 0,983 | 0,5741               | 0,566 | -0,0946         | 0,925 |
| (-1,1)      | 0,0144 | 5,3393  | 0     | 4,7174             | 0     | 8,5042                | 0     | 5,3192             | 0     | 4,8484               | 0     | 4,7132          | 0     |
| (-5,5)      | 0,0178 | 3,4325  | 6E-04 | 4,0092             | 1E-04 | 5,2153                | 0     | 4,3896             | 0     | 3,3763               | 7E-04 | 3,6555          | 3E-04 |
| (2,60)      | -0,013 | -1,0885 | 0,276 | -1,2477            | 0,212 | -1,954                | 0,051 | -2,1096            | 0,035 | -0,3242              | 0,746 | -0,7677         | 0,443 |
| (6,60)      | -0,011 | -0,934  | 0,35  | -1,0603            | 0,289 | -1,9384               | 0,053 | -2,1202            | 0,034 | -0,3697              | 0,712 | -0,7677         | 0,443 |
| (-15,-2)    | -2E-04 | -0,0303 | 0,976 | -0,0293            | 0,977 | 0,1251                | 0,9   | 0,1407             | 0,888 | -0,2411              | 0,81  | 0,0015          | 0,999 |
| (0)         | 0,0106 | 6,8221  | 0     | 4,6693             | 0     | 11,0812               | 0     | 4,9777             | 0     | 5,5742               | 0     | 4,8094          | 0     |

Bad news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,019 | -1,4038 | 0,16  | -1,5101            | 0,131 | -2,056                | 0,04  | -1,8803            | 0,06  | -0,636               | 0,525 | -1,4745         | 0,14  |
| (-1,1)      | -0,018 | -6,772  | 0     | -4,1618            | 0     | -6,4411               | 0     | -3,062             | 0,002 | -3,0306              | 0,002 | -3,2998         | 0,001 |
| (-5,5)      | -0,019 | -3,6434 | 3E-04 | -3,3422            | 8E-04 | -3,5641               | 4E-04 | -2,6415            | 0,008 | -1,4814              | 0,139 | -3,085          | 0,002 |
| (2,60)      | 0,0024 | 0,2007  | 0,841 | 0,2405             | 0,81  | -0,6883               | 0,491 | -0,7029            | 0,482 | -0,3115              | 0,755 | -0,5082         | 0,611 |
| (6,60)      | 0,0069 | 0,601   | 0,548 | 0,7037             | 0,482 | -0,5128               | 0,608 | -0,5238            | 0,6   | -0,0716              | 0,943 | -1,2598         | 0,208 |
| (-15,-2)    | -0,003 | -0,5481 | 0,584 | -0,5765            | 0,564 | -0,3956               | 0,692 | -0,4139            | 0,679 | 0,5606               | 0,575 | 0,3508          | 0,726 |
| (0)         | -0,014 | -8,9407 | 0     | -4,1301            | 0     | -9,5785               | 0     | -3,3495            | 8E-04 | -4,883               | 0     | -3,6219         | 3E-04 |

No news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | 0,0144 | 0,8469  | 0,397 | 1,0765             | 0,282 | 1,5207                | 0,128 | 1,5768             | 0,115 | 1,0993               | 0,272 | 1,0594          | 0,289 |
| (-1,1)      | -0,003 | -0,8785 | 0,38  | -0,6044            | 0,546 | -1,1863               | 0,236 | -0,6214            | 0,534 | -0,2837              | 0,777 | -1,2602         | 0,208 |
| (-5,5)      | -0,001 | -0,1675 | 0,867 | -0,1524            | 0,879 | -0,1652               | 0,869 | -0,1238            | 0,902 | 0,6902               | 0,49  | 0,005           | 0,996 |
| (2,60)      | 0,0234 | 1,5619  | 0,118 | 2,3565             | 0,018 | 2,0921                | 0,036 | 2,6854             | 0,007 | 0,8948               | 0,371 | 2,5355          | 0,011 |
| (6,60)      | 0,0216 | 1,4956  | 0,135 | 2,4114             | 0,016 | 2,1946                | 0,028 | 2,7548             | 0,006 | 0,9162               | 0,36  | 2,7464          | 0,006 |
| (-15,-2)    | -0,006 | -0,8264 | 0,409 | -0,9372            | 0,349 | -0,2026               | 0,84  | -0,2098            | 0,834 | 0,8557               | 0,392 | 0,4268          | 0,67  |
| (0)         | -0,002 | -1,1898 | 0,234 | -0,4612            | 0,645 | -2,9827               | 0,003 | -1,0106            | 0,312 | -1,4916              | 0,136 | -1,4711         | 0,141 |

Denmark - Model 2 (SUE)

Good news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | 0,0024 | 0,1688  | 0,866 | 0,172              | 0,864 | 0,8212                | 0,412 | 0,7848             | 0,433 | 0,7479               | 0,455 | 0,1044          | 0,917 |
| (-1,1)      | 0,0124 | 4,4431  | 0     | 3,9356             | 1E-04 | 7,508                 | 0     | 4,7604             | 0     | 4,3216               | 0     | 4,4881          | 0     |
| (-5,5)      | 0,0166 | 3,1108  | 0,002 | 3,4157             | 6E-04 | 4,8012                | 0     | 3,9755             | 1E-04 | 3,3333               | 9E-04 | 2,8569          | 0,004 |
| (2,60)      | -0,008 | -0,6416 | 0,521 | -0,7063            | 0,48  | -1,1217               | 0,262 | -1,1584            | 0,247 | -0,4307              | 0,667 | -0,4053         | 0,685 |
| (6,60)      | -0,006 | -0,5132 | 0,608 | -0,5625            | 0,574 | -0,9964               | 0,319 | -1,0393            | 0,299 | -0,4156              | 0,678 | -0,5073         | 0,612 |
| (-15,-2)    | -0,002 | -0,3462 | 0,729 | -0,2942            | 0,769 | 0,7404                | 0,459 | 0,8009             | 0,423 | 0,6261               | 0,531 | -0,2015         | 0,84  |
| (0)         | 0,0083 | 5,1746  | 0     | 3,4609             | 5E-04 | 8,5681                | 0     | 4,0101             | 1E-04 | 4,4567               | 0     | 3,7745          | 2E-04 |

Bad news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,012 | -0,8896 | 0,374 | -1,009             | 0,313 | -1,5408               | 0,123 | -1,4406            | 0,15  | 0,0054               | 0,996 | -0,6516         | 0,515 |
| (-1,1)      | -0,012 | -4,2995 | 0     | -2,791             | 0,005 | -3,5538               | 4E-04 | -1,7588            | 0,079 | -1,5577              | 0,119 | -2,5759         | 0,01  |
| (-5,5)      | -0,013 | -2,501  | 0,012 | -2,4903            | 0,013 | -2,4729               | 0,013 | -1,8793            | 0,06  | -1,1512              | 0,25  | -1,6644         | 0,096 |
| (2,60)      | 0,0007 | 0,0607  | 0,952 | 0,0779             | 0,938 | -0,6925               | 0,489 | -0,741             | 0,459 | 0,1017               | 0,919 | -0,3478         | 0,728 |
| (6,60)      | 0,0062 | 0,539   | 0,59  | 0,6761             | 0,499 | -0,3126               | 0,755 | -0,3359            | 0,737 | 0,5413               | 0,588 | -0,5504         | 0,582 |
| (-15,-2)    | -0,001 | -0,2071 | 0,836 | -0,2668            | 0,79  | -0,5233               | 0,601 | -0,5748            | 0,565 | 0,5248               | 0,6   | 0,8675          | 0,386 |
| (0)         | -0,008 | -4,8654 | 0     | -2,3674            | 0,018 | -4,6502               | 0     | -1,6554            | 0,098 | -2,5596              | 0,011 | -2,1708         | 0,03  |

No news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,011 | -0,6965 | 0,486 | -0,6503            | 0,516 | -0,9342               | 0,35  | -1,0056            | 0,315 | -0,5374              | 0,591 | -0,8791         | 0,379 |
| (-1,1)      | -0,006 | -2,1287 | 0,033 | -1,1645            | 0,244 | -3,2231               | 0,001 | -1,4699            | 0,142 | -1,007               | 0,314 | -1,2896         | 0,197 |
| (-5,5)      | -0,003 | -0,5461 | 0,585 | -0,4692            | 0,639 | -0,4932               | 0,622 | -0,3613            | 0,718 | 0,6709               | 0,502 | -0,4686         | 0,639 |
| (2,60)      | 0,0006 | 0,0469  | 0,963 | 0,0482             | 0,962 | 0,2104                | 0,833 | 0,2559             | 0,798 | 0,223                | 0,824 | 1,3788          | 0,168 |
| (6,60)      | -0,004 | -0,3203 | 0,749 | -0,3225            | 0,747 | -0,3431               | 0,732 | -0,4063            | 0,685 | -0,3353              | 0,737 | 0,763           | 0,446 |
| (-15,-2)    | -0,005 | -0,7337 | 0,463 | -0,7789            | 0,436 | -1,1165               | 0,264 | -1,1529            | 0,249 | -1,2437              | 0,214 | -0,2633         | 0,792 |
| (0)         | -0,007 | -4,1505 | 0     | -1,5391            | 0,124 | -5,3784               | 0     | -1,631             | 0,103 | -2,1138              | 0,035 | -1,2896         | 0,197 |

Denmark - Model 5 (SUE)

Good news

| Eventwindow | CAAR   | t      | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|--------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | 0,0085 | 0,5911 | 0,555 | 0,5917             | 0,554 | 1,4877                | 0,137 | 1,4053             | 0,16  | 1,1488               | 0,251 | 0,6276          | 0,53  |
| (-1,1)      | 0,0132 | 4,587  | 0     | 4,0414             | 1E-04 | 7,6422                | 0     | 4,8067             | 0     | 4,1711               | 0     | 3,4351          | 6E-04 |
| (-5,5)      | 0,0155 | 2,8082 | 0,005 | 3,0207             | 0,003 | 4,5738                | 0     | 3,7672             | 2E-04 | 2,9942               | 0,003 | 1,6674          | 0,095 |
| (2,60)      | 0,0003 | 0,0238 | 0,981 | 0,0268             | 0,979 | -0,1513               | 0,88  | -0,1569            | 0,875 | 0,347                | 0,729 | 0,5236          | 0,601 |
| (6,60)      | 0,0036 | 0,2961 | 0,767 | 0,3318             | 0,74  | 0,0845                | 0,933 | 0,0886             | 0,929 | 0,4638               | 0,643 | 0,7316          | 0,464 |
| (-15,-2)    | -0,005 | -0,795 | 0,427 | -0,6581            | 0,511 | 0,2393                | 0,811 | 0,2512             | 0,802 | 0,0334               | 0,973 | -0,5162         | 0,606 |
| (0)         | 0,0067 | 4,0256 | 1E-04 | 2,6549             | 0,008 | 7,8301                | 0     | 3,6217             | 3E-04 | 3,5527               | 4E-04 | 2,8112          | 0,005 |

Bad news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,013 | -0,9661 | 0,334 | -1,122             | 0,262 | -1,7617               | 0,078 | -1,64              | 0,101 | -0,2702              | 0,787 | -1,1591         | 0,246 |
| (-1,1)      | -0,014 | -5,0939 | 0     | -3,3564            | 8E-04 | -5,1009               | 0     | -2,4996            | 0,012 | -1,8691              | 0,062 | -2,3935         | 0,017 |
| (-5,5)      | -0,014 | -2,5495 | 0,011 | -2,5889            | 0,01  | -2,8682               | 0,004 | -2,1665            | 0,03  | -1,0863              | 0,277 | -1,4677         | 0,142 |
| (2,60)      | 0,0001 | 0,0099  | 0,992 | 0,0125             | 0,99  | -0,7432               | 0,457 | -0,7777            | 0,437 | -0,25                | 0,803 | -0,2332         | 0,816 |
| (6,60)      | 0,0036 | 0,3009  | 0,764 | 0,3708             | 0,711 | -0,5807               | 0,561 | -0,6109            | 0,541 | 0,0373               | 0,97  | -0,5418         | 0,588 |
| (-15,-2)    | 0,0005 | 0,0868  | 0,931 | 0,1194             | 0,905 | -0,2177               | 0,828 | -0,2437            | 0,808 | 0,749                | 0,454 | 0,384           | 0,701 |
| (0)         | -0,008 | -4,9682 | 0     | -2,4492            | 0,014 | -5,9815               | 0     | -2,1111            | 0,035 | -2,1064              | 0,035 | -1,5706         | 0,116 |

No news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,02  | -1,3772 | 0,169 | -1,2557            | 0,209 | -1,2059               | 0,228 | -1,3704            | 0,171 | -0,5492              | 0,583 | -0,5662         | 0,571 |
| (-1,1)      | -0,003 | -0,8748 | 0,382 | -0,4692            | 0,639 | -1,1741               | 0,24  | -0,5552            | 0,579 | -0,249               | 0,803 | -0,368          | 0,713 |
| (-5,5)      | 0,0007 | 0,1336  | 0,894 | 0,1107             | 0,912 | 0,1507                | 0,88  | 0,1096             | 0,913 | 0,8192               | 0,413 | 1,0195          | 0,308 |
| (2,60)      | -0,02  | -1,5657 | 0,117 | -1,4548            | 0,146 | -1,0538               | 0,292 | -1,3393            | 0,181 | -0,6193              | 0,536 | 0,0284          | 0,977 |
| (6,60)      | -0,021 | -1,6958 | 0,09  | -1,5344            | 0,125 | -1,2529               | 0,21  | -1,537             | 0,124 | -0,9095              | 0,363 | -0,7644         | 0,445 |
| (-15,-2)    | 0,0026 | 0,4105  | 0,681 | 0,4147             | 0,678 | -0,1027               | 0,918 | -0,1101            | 0,912 | 0,1071               | 0,915 | 1,4159          | 0,157 |
| (0)         | -9E-04 | -0,5435 | 0,587 | -0,2042            | 0,838 | -1,7597               | 0,079 | -0,5578            | 0,577 | -0,8964              | 0,37  | -0,368          | 0,713 |

Finland - Model 1 (UE)

Good news

| Eventwindow | CAAR   | t      | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|--------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | 0,0287 | 3,1266 | 0,002 | 3,7164             | 2E-04 | 3,807                 | 1E-04 | 3,4765             | 5E-04 | 2,291                | 0,022 | 2,5386          | 0,011 |
| (-1,1)      | 0,0115 | 6,3204 | 0     | 4,4107             | 0     | 10,8449               | 0     | 5,3461             | 0     | 4,9435               | 0     | 5,5128          | 0     |
| (-5,5)      | 0,0195 | 5,5814 | 0     | 5,8265             | 0     | 9,1162                | 0     | 6,8637             | 0     | 4,6139               | 0     | 5,1998          | 0     |
| (2,60)      | 0,0029 | 0,3571 | 0,721 | 0,4836             | 0,629 | -0,1358               | 0,892 | -0,1477            | 0,883 | -0,0423              | 0,966 | -0,9835         | 0,325 |
| (6,60)      | 0,0033 | 0,4248 | 0,671 | 0,5764             | 0,564 | -0,1324               | 0,895 | -0,1432            | 0,886 | 0,2545               | 0,799 | -0,7487         | 0,454 |
| (-15,-2)    | 0,0143 | 3,6259 | 3E-04 | 4,9748             | 0     | 4,1288                | 0     | 4,3797             | 0     | 3,1362               | 0,002 | 4,4953          | 0     |
| (0)         | 0,0063 | 5,9816 | 0     | 2,8918             | 0,004 | 11,4201               | 0     | 3,9797             | 1E-04 | 4,2086               | 0     | 3,8692          | 1E-04 |

Bad news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,016 | -1,8909 | 0,059 | -2,231             | 0,026 | -2,9994               | 0,003 | -2,9122            | 0,004 | -1,4135              | 0,158 | -3,5779         | 3E-04 |
| (-1,1)      | -0,018 | -10,62  | 0     | -7,4637            | 0     | -13,011               | 0     | -7,0708            | 0     | -5,9934              | 0     | -6,6144         | 0     |
| (-5,5)      | -0,021 | -6,4656 | 0     | -6,2181            | 0     | -8,2058               | 0     | -6,405             | 0     | -4,3068              | 0     | -6,7785         | 0     |
| (2,60)      | 0,0046 | 0,6092  | 0,542 | 0,8029             | 0,422 | 0,2489                | 0,803 | 0,2727             | 0,785 | -0,0597              | 0,952 | -0,7056         | 0,48  |
| (6,60)      | 0,0057 | 0,7821  | 0,434 | 1,0366             | 0,3   | 0,5872                | 0,557 | 0,6475             | 0,517 | 0,4091               | 0,682 | 0,1151          | 0,908 |
| (-15,-2)    | -0,003 | -0,7404 | 0,459 | -0,9856            | 0,324 | -1,4765               | 0,14  | -1,6316            | 0,103 | -0,3963              | 0,692 | -2,0187         | 0,044 |
| (0)         | -0,02  | -20,002 | 0     | -9,0101            | 0     | -23,332               | 0     | -9,0998            | 0     | -10,12               | 0     | -9,0764         | 0     |

No news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,012 | -1,3916 | 0,164 | -1,3801            | 0,168 | -1,3832               | 0,167 | -1,2733            | 0,203 | -0,8042              | 0,421 | -1,0299         | 0,303 |
| (-1,1)      | -0,002 | -1,2132 | 0,225 | -0,6859            | 0,493 | 0,1384                | 0,89  | 0,0685             | 0,945 | -0,1608              | 0,872 | 0,2818          | 0,778 |
| (-5,5)      | -0,003 | -0,9774 | 0,328 | -0,8264            | 0,409 | -0,3632               | 0,717 | -0,2668            | 0,79  | -0,6472              | 0,518 | 0,5004          | 0,617 |
| (2,60)      | -0,013 | -1,5924 | 0,111 | -1,7577            | 0,079 | -2,114                | 0,035 | -2,2079            | 0,027 | -1,5494              | 0,121 | -1,3578         | 0,175 |
| (6,60)      | -0,01  | -1,2634 | 0,206 | -1,4442            | 0,149 | -1,7807               | 0,075 | -1,9041            | 0,057 | -1,0992              | 0,272 | -1,4671         | 0,142 |
| (-15,-2)    | 0,0023 | 0,5882  | 0,556 | 0,6414             | 0,521 | 1,053                 | 0,292 | 1,0462             | 0,296 | 1,3815               | 0,167 | -0,0462         | 0,963 |
| (0)         | -0,003 | -2,8468 | 0,004 | -1,1285            | 0,259 | -1,1869               | 0,235 | -0,4073            | 0,684 | -0,7737              | 0,439 | -0,5927         | 0,553 |

Finland - Model 2 (UE)

Good news

| Eventwindow | CAAR   | t      | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|--------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | 0,0225 | 2,6717 | 0,008 | 2,9688             | 0,003 | 3,1752                | 0,002 | 2,8512             | 0,004 | 1,789                | 0,074 | 1,4035          | 0,161 |
| (-1,1)      | 0,0087 | 5,2033 | 0     | 3,4053             | 7E-04 | 8,8968                | 0     | 4,3605             | 0     | 3,6633               | 2E-04 | 4,0017          | 1E-04 |
| (-5,5)      | 0,0148 | 4,6395 | 0     | 4,5159             | 0     | 7,2942                | 0     | 5,3192             | 0     | 3,518                | 4E-04 | 4,0017          | 1E-04 |
| (2,60)      | 0,0018 | 0,2463 | 0,805 | 0,3173             | 0,751 | -0,111                | 0,912 | -0,1195            | 0,905 | -0,2371              | 0,813 | -0,5069         | 0,612 |
| (6,60)      | 0,0027 | 0,3795 | 0,704 | 0,4936             | 0,622 | 0,0011                | 0,999 | 0,0012             | 0,999 | 0,081                | 0,936 | -0,4305         | 0,667 |
| (-15,-2)    | 0,0119 | 3,3107 | 9E-04 | 4,0633             | 0     | 3,5076                | 5E-04 | 3,5416             | 4E-04 | 2,9591               | 0,003 | 3,7724          | 2E-04 |
| (0)         | 0,0046 | 4,7808 | 0     | 2,2268             | 0,026 | 8,9272                | 0     | 3,1183             | 0,002 | 2,9684               | 0,003 | 2,9318          | 0,003 |

Bad news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,014 | -1,5673 | 0,117 | -1,8521            | 0,064 | -2,6763               | 0,007 | -2,5372            | 0,011 | -1,2521              | 0,211 | -3,0019         | 0,003 |
| (-1,1)      | -0,017 | -9,256  | 0     | -6,7901            | 0     | -11,213               | 0     | -6,1173            | 0     | -5,5814              | 0     | -5,5544         | 0     |
| (-5,5)      | -0,02  | -5,7095 | 0     | -5,6611            | 0     | -7,3054               | 0     | -5,6313            | 0     | -4,2995              | 0     | -5,8838         | 0     |
| (2,60)      | 0,0031 | 0,3884  | 0,698 | 0,5056             | 0,613 | -0,233                | 0,816 | -0,247             | 0,805 | -0,1901              | 0,849 | -0,9435         | 0,345 |
| (6,60)      | 0,0046 | 0,5978  | 0,55  | 0,7837             | 0,433 | 0,1673                | 0,867 | 0,1792             | 0,858 | 0,3855               | 0,7   | -0,7788         | 0,436 |
| (-15,-2)    | -6E-04 | -0,1643 | 0,87  | -0,2302            | 0,818 | -0,5668               | 0,571 | -0,6363            | 0,525 | 0,0565               | 0,955 | -1,2728         | 0,203 |
| (0)         | -0,018 | -17,742 | 0     | -8,1875            | 0     | -20,315               | 0     | -7,8406            | 0     | -9,3553              | 0     | -8,0246         | 0     |

No news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,007 | -0,7013 | 0,483 | -0,8534            | 0,393 | -1,0975               | 0,272 | -1,0932            | 0,274 | -0,463               | 0,643 | -0,2847         | 0,776 |
| (-1,1)      | -7E-04 | -0,3332 | 0,739 | -0,2009            | 0,841 | 0,118                 | 0,906 | 0,057              | 0,955 | 0,6253               | 0,532 | 0,8569          | 0,392 |
| (-5,5)      | 0,0012 | 0,3046  | 0,761 | 0,285              | 0,776 | 0,7336                | 0,463 | 0,569              | 0,569 | 0,6242               | 0,533 | 0,8569          | 0,392 |
| (2,60)      | -0,009 | -0,9536 | 0,34  | -1,2741            | 0,203 | -1,5713               | 0,116 | -1,7759            | 0,076 | -1,0496              | 0,294 | -1,7689         | 0,077 |
| (6,60)      | -0,007 | -0,8263 | 0,409 | -1,1188            | 0,263 | -1,47                 | 0,142 | -1,6762            | 0,094 | -0,7723              | 0,44  | -0,7414         | 0,458 |
| (-15,-2)    | 0,0021 | 0,4778  | 0,633 | 0,6523             | 0,514 | 0,6141                | 0,539 | 0,6508             | 0,515 | 0,7865               | 0,432 | -0,1706         | 0,865 |
| (0)         | -0,003 | -2,7434 | 0,006 | -1,1233            | 0,261 | -2,2107               | 0,027 | -0,7412            | 0,459 | -0,9783              | 0,328 | -0,8556         | 0,392 |

Finland - Model 5 (UE)

Good news

| Eventwindow | CAAR   | t      | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|--------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | 0,0257 | 3,1319 | 0,002 | 3,3249      | 9E-04 | 3,7663         | 2E-04 | 3,3609      | 8E-04 | 1,9937        | 0,046 | 1,96     | 0,05  |
| (-1,1)      | 0,0098 | 5,9808 | 0     | 3,7303      | 2E-04 | 8,9731         | 0     | 4,3163      | 0     | 4,0667        | 0     | 4,292    | 0     |
| (-5,5)      | 0,0156 | 5,0066 | 0     | 4,622       | 0     | 7,1031         | 0     | 5,0801      | 0     | 3,3974        | 7E-04 | 3,9033   | 1E-04 |
| (2,60)      | 0,0053 | 0,7339 | 0,463 | 0,8972      | 0,37  | 0,6965         | 0,486 | 0,7361      | 0,462 | 0,0605        | 0,952 | -0,2165  | 0,829 |
| (6,60)      | 0,0057 | 0,8143 | 0,416 | 1,0031      | 0,316 | 0,7067         | 0,48  | 0,7483      | 0,454 | 0,3799        | 0,704 | -0,1387  | 0,89  |
| (-15,-2)    | 0,0107 | 3,0218 | 0,003 | 3,5665      | 4E-04 | 3,1918         | 0,001 | 3,2096      | 0,001 | 2,6384        | 0,008 | 3,3592   | 8E-04 |
| (0)         | 0,0056 | 5,9939 | 0     | 2,6638      | 0,008 | 9,2319         | 0     | 3,1979      | 0,001 | 3,4688        | 5E-04 | 3,126    | 0,002 |

Bad news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | -0,02  | -2,1434 | 0,032 | -2,7211     | 0,007 | -3,641         | 3E-04 | -3,5565     | 4E-04 | -1,9436       | 0,052 | -3,5959  | 3E-04 |
| (-1,1)      | -0,016 | -8,7742 | 0     | -6,4578     | 0     | -11,068        | 0     | -6,0249     | 0     | -5,4537       | 0     | -4,9782  | 0     |
| (-5,5)      | -0,02  | -5,706  | 0     | -5,8713     | 0     | -7,536         | 0     | -5,9641     | 0     | -4,3668       | 0     | -6,1979  | 0     |
| (2,60)      | -0,002 | -0,2571 | 0,797 | -0,362      | 0,717 | -1,1904        | 0,234 | -1,3079     | 0,191 | -0,9624       | 0,336 | -1,7257  | 0,084 |
| (6,60)      | -2E-04 | -0,0242 | 0,981 | -0,0342     | 0,973 | -0,7478        | 0,455 | -0,8315     | 0,406 | -0,3984       | 0,69  | -1,5631  | 0,118 |
| (-15,-2)    | -0,002 | -0,4045 | 0,686 | -0,587      | 0,557 | -0,9162        | 0,36  | -1,0539     | 0,292 | -0,0283       | 0,978 | -1,1565  | 0,248 |
| (0)         | -0,018 | -17,205 | 0     | -8,0974     | 0     | -20,192        | 0     | -7,6996     | 0     | -9,2316       | 0     | -7,5802  | 0     |

No news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | 0,0021 | 0,2001  | 0,841 | 0,231       | 0,817 | -0,0319        | 0,975 | -0,0308     | 0,975 | 0,516         | 0,606 | 0,1647   | 0,869 |
| (-1,1)      | -0,002 | -0,8251 | 0,409 | -0,5628     | 0,574 | 0,7542         | 0,451 | 0,3823      | 0,702 | -0,0537       | 0,957 | -0,0682  | 0,946 |
| (-5,5)      | 0,0033 | 0,8001  | 0,424 | 0,8011      | 0,423 | 1,9229         | 0,055 | 1,4803      | 0,139 | 1,2097        | 0,226 | 1,7953   | 0,073 |
| (2,60)      | -0,005 | -0,5146 | 0,607 | -0,6506     | 0,515 | -1,1842        | 0,236 | -1,3196     | 0,187 | -0,3418       | 0,733 | -0,9999  | 0,317 |
| (6,60)      | -0,003 | -0,3422 | 0,732 | -0,4474     | 0,655 | -0,9859        | 0,324 | -1,102      | 0,271 | 0,0013        | 0,999 | 0,0483   | 0,962 |
| (-15,-2)    | 0,0088 | 1,9046  | 0,057 | 2,627       | 0,009 | 2,0075         | 0,045 | 2,0709      | 0,038 | 1,9288        | 0,054 | 0,8635   | 0,388 |
| (0)         | -0,004 | -3,0301 | 0,002 | -1,3814     | 0,167 | -1,2792        | 0,201 | -0,4539     | 0,65  | -1,8293       | 0,067 | -1,3493  | 0,177 |

Finland - Model 1 (SUE)

Good news

| Eventwindow | CAAR   | t      | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|--------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | 0,041  | 3,3612 | 8E-04 | 4,1068      | 0     | 4,3829         | 0     | 4,0083      | 1E-04 | 2,684         | 0,007 | 2,956    | 0,003 |
| (-1,1)      | 0,0119 | 4,908  | 0     | 3,6997      | 2E-04 | 9,2732         | 0     | 4,7683      | 0     | 4,3167        | 0     | 3,9796   | 1E-04 |
| (-5,5)      | 0,021  | 4,5318 | 0     | 4,9489      | 0     | 7,973          | 0     | 6,0408      | 0     | 4,004         | 1E-04 | 4,0726   | 0     |
| (2,60)      | 0,0113 | 1,0478 | 0,295 | 1,4681      | 0,142 | 0,8735         | 0,382 | 0,969       | 0,333 | 0,553         | 0,58  | -0,1145  | 0,909 |
| (6,60)      | 0,0122 | 1,1811 | 0,238 | 1,6491      | 0,099 | 1,0029         | 0,316 | 1,0913      | 0,275 | 0,9943        | 0,32  | 0,3507   | 0,726 |
| (-15,-2)    | 0,0178 | 3,4082 | 7E-04 | 4,8535      | 0     | 4,126          | 0     | 4,4407      | 0     | 3,1201        | 0,002 | 4,4448   | 0     |
| (0)         | 0,005  | 3,5856 | 3E-04 | 1,865       | 0,062 | 8,6729         | 0     | 3,1525      | 0,002 | 3,2566        | 0,001 | 2,77     | 0,006 |

Bad news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | -0,007 | -0,5827 | 0,56  | -0,71       | 0,478 | -1,323         | 0,186 | -1,2666     | 0,205 | -0,5597       | 0,576 | -1,7535  | 0,08  |
| (-1,1)      | -0,02  | -8,8083 | 0     | -6,6055     | 0     | -11,705        | 0     | -6,4023     | 0     | -5,8728       | 0     | -6,9838  | 0     |
| (-5,5)      | -0,022 | -4,9938 | 0     | -5,0469     | 0     | -6,8469        | 0     | -5,3942     | 0     | -3,8425       | 1E-04 | -5,8983  | 0     |
| (2,60)      | 0,0126 | 1,2406  | 0,215 | 1,6586      | 0,097 | 1,1738         | 0,241 | 1,2508      | 0,211 | 0,6492        | 0,516 | 0,7136   | 0,476 |
| (6,60)      | 0,0129 | 1,3182  | 0,187 | 1,7747      | 0,076 | 1,4298         | 0,153 | 1,5366      | 0,124 | 1,0472        | 0,295 | 1,3057   | 0,192 |
| (-15,-2)    | 0,0009 | 0,1729  | 0,863 | 0,2362      | 0,813 | -0,0738        | 0,941 | -0,0802     | 0,936 | 0,0817        | 0,935 | -0,964   | 0,335 |
| (0)         | -0,021 | -16,269 | 0     | -7,6325     | 0     | -19,945        | 0     | -7,8611     | 0     | -9,6104       | 0     | -8,4641  | 0     |

No news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | -0,017 | -2,8644 | 0,004 | -2,8816     | 0,004 | -2,6873        | 0,007 | -2,5205     | 0,012 | -1,4847       | 0,138 | -2,7045  | 0,007 |
| (-1,1)      | -0,002 | -1,5732 | 0,116 | -0,8369     | 0,403 | -0,0511        | 0,959 | -0,0249     | 0,98  | 0,0085        | 0,993 | 1,4192   | 0,156 |
| (-5,5)      | -0,003 | -1,1358 | 0,256 | -0,92       | 0,358 | -0,2694        | 0,788 | -0,1977     | 0,843 | -0,254        | 0,8   | 0,2196   | 0,826 |
| (2,60)      | -0,015 | -2,8474 | 0,004 | -3,2427     | 0,001 | -3,0591        | 0,002 | -3,2938     | 0,001 | -2,2473       | 0,025 | -3,0794  | 0,002 |
| (6,60)      | -0,013 | -2,5655 | 0,01  | -2,9978     | 0,003 | -2,8184        | 0,005 | -3,0951     | 0,002 | -1,8413       | 0,066 | -2,9295  | 0,003 |
| (-15,-2)    | -3E-04 | -0,1002 | 0,92  | -0,112      | 0,911 | 0,0424         | 0,966 | 0,0439      | 0,965 | 1,1503        | 0,25  | -0,4552  | 0,649 |
| (0)         | -0,003 | -4,5138 | 0     | -1,6699     | 0,095 | -3,0653        | 0,002 | -1,0403     | 0,298 | -1,5563       | 0,12  | -0,8301  | 0,407 |

Finland - Model 2 (SUE)

Good news

| Eventwindow | CAAR   | t      | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|--------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | 0,0383 | 3,4635 | 5E-04 | 4,0865      | 0     | 4,4059         | 0     | 4,0523      | 1E-04 | 2,6029        | 0,009 | 2,6743   | 0,008 |
| (-1,1)      | 0,0098 | 4,4857 | 0     | 3,1837      | 0,002 | 8,1706         | 0     | 4,1531      | 0     | 3,6287        | 3E-04 | 3,2954   | 0,001 |
| (-5,5)      | 0,0177 | 4,2102 | 0     | 4,3564      | 0     | 6,9114         | 0     | 5,1358      | 0     | 3,4321        | 6E-04 | 3,2067   | 0,001 |
| (2,60)      | 0,013  | 1,3311 | 0,183 | 1,7873      | 0,074 | 1,3547         | 0,176 | 1,4951      | 0,135 | 0,6794        | 0,497 | 0,367    | 0,714 |
| (6,60)      | 0,0138 | 1,4732 | 0,141 | 1,9925      | 0,046 | 1,5068         | 0,132 | 1,6616      | 0,097 | 1,0662        | 0,286 | 0,8107   | 0,418 |
| (-15,-2)    | 0,0155 | 3,2606 | 0,001 | 4,3345      | 0     | 3,7021         | 2E-04 | 3,803       | 1E-04 | 2,99          | 0,003 | 3,8279   | 1E-04 |
| (0)         | 0,0051 | 3,9999 | 1E-04 | 2,038       | 0,042 | 8,6072         | 0     | 3,1459      | 0,002 | 3,2784        | 0,001 | 2,6743   | 0,008 |

Bad news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | -0,005 | -0,4536 | 0,65  | -0,5581     | 0,577 | -1,2707        | 0,204 | -1,2088     | 0,227 | -0,7495       | 0,454 | -1,3765  | 0,169 |
| (-1,1)      | -0,019 | -8,0762 | 0     | -6,3077     | 0     | -10,418        | 0     | -5,7235     | 0     | -5,8125       | 0     | -5,8326  | 0     |
| (-5,5)      | -0,021 | -4,568  | 0     | -4,7747     | 0     | -6,1548        | 0     | -4,777      | 0     | -3,9055       | 1E-04 | -5,2384  | 0     |
| (2,60)      | 0,0141 | 1,3367  | 0,181 | 1,7841      | 0,074 | 1,0622         | 0,288 | 1,1239      | 0,261 | 0,507         | 0,612 | 0,8021   | 0,423 |
| (6,60)      | 0,0138 | 1,355   | 0,175 | 1,8146      | 0,07  | 1,2351         | 0,217 | 1,3122      | 0,19  | 0,8999        | 0,368 | 0,703    | 0,482 |
| (-15,-2)    | -3E-04 | -0,0624 | 0,95  | -0,0914     | 0,927 | -0,3188        | 0,75  | -0,3601     | 0,719 | -0,0963       | 0,923 | -0,4853  | 0,628 |
| (0)         | -0,02  | -14,791 | 0     | -7,0775     | 0     | -17,362        | 0     | -6,7642     | 0     | -8,9739       | 0     | -7,7141  | 0     |

No news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | -0,019 | -3,2589 | 0,001 | -3,3634     | 8E-04 | -3,014         | 0,003 | -2,8336     | 0,005 | -1,4802       | 0,139 | -2,9632  | 0,003 |
| (-1,1)      | -0,002 | -1,5475 | 0,122 | -0,8265     | 0,409 | -0,5056        | 0,613 | -0,2445     | 0,807 | 0,1038        | 0,917 | 0,9819   | 0,326 |
| (-5,5)      | -0,002 | -1,0215 | 0,307 | -0,832      | 0,405 | -0,2351        | 0,814 | -0,1744     | 0,862 | -0,0796       | 0,937 | 0,2857   | 0,775 |
| (2,60)      | -0,019 | -3,5458 | 4E-04 | -4,2803     | 0     | -3,5199        | 4E-04 | -3,8262     | 1E-04 | -2,294        | 0,022 | -3,6594  | 3E-04 |
| (6,60)      | -0,016 | -3,1931 | 0,001 | -3,9198     | 1E-04 | -3,2309        | 0,001 | -3,5507     | 4E-04 | -1,8466       | 0,065 | -2,9632  | 0,003 |
| (-15,-2)    | 0,001  | 0,4024  | 0,687 | 0,451       | 0,652 | 0,4376         | 0,662 | 0,4576      | 0,647 | 1,2126        | 0,225 | -0,4879  | 0,626 |
| (0)         | -0,004 | -6,4121 | 0     | -2,3307     | 0,02  | -5,5293        | 0     | -1,8603     | 0,063 | -2,6785       | 0,007 | -1,4935  | 0,135 |

Finland - Model 5 (SUE)

Good news

| Eventwindow | CAAR   | t      | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|--------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | 0,0433 | 4,0063 | 1E-04 | 4,4326      | 0     | 5,3446         | 0     | 4,8516      | 0     | 2,791         | 0,005 | 3,0047   | 0,003 |
| (-1,1)      | 0,0111 | 5,1537 | 0     | 3,5269      | 4E-04 | 8,4788         | 0     | 4,2661      | 0     | 3,5514        | 4E-04 | 3,2769   | 0,001 |
| (-5,5)      | 0,0204 | 4,9658 | 0     | 5,0979      | 0     | 7,7369         | 0     | 5,8666      | 0     | 3,5896        | 3E-04 | 3,912    | 1E-04 |
| (2,60)      | 0,0173 | 1,8199 | 0,069 | 2,2912      | 0,022 | 2,2202         | 0,026 | 2,399       | 0,016 | 0,9075        | 0,364 | 1,0993   | 0,272 |
| (6,60)      | 0,0179 | 1,9443 | 0,052 | 2,4554      | 0,014 | 2,3141         | 0,021 | 2,4834      | 0,013 | 1,2604        | 0,208 | 1,2808   | 0,2   |
| (-15,-2)    | 0,0149 | 3,2126 | 0,001 | 4,0986      | 0     | 3,9699         | 1E-04 | 4,0651      | 0     | 2,9958        | 0,003 | 4,0935   | 0     |
| (0)         | 0,0065 | 5,2101 | 0     | 2,5071      | 0,012 | 9,1875         | 0     | 3,2735      | 0,001 | 3,1485        | 0,002 | 2,551    | 0,011 |

Bad news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | -0,017 | -1,333  | 0,183 | -1,7479     | 0,081 | -2,884         | 0,004 | -2,8222     | 0,005 | -1,5652       | 0,118 | -2,8714  | 0,004 |
| (-1,1)      | -0,02  | -8,0947 | 0     | -6,5316     | 0     | -11,054        | 0     | -6,1981     | 0     | -6,2628       | 0     | -5,7853  | 0     |
| (-5,5)      | -0,023 | -4,7643 | 0     | -5,1373     | 0     | -6,9125        | 0     | -5,4677     | 0     | -4,274        | 0     | -5,8824  | 0     |
| (2,60)      | 0,0027 | 0,2484  | 0,804 | 0,3526      | 0,724 | -0,6204        | 0,535 | -0,6725     | 0,501 | -0,4009       | 0,689 | -1,2201  | 0,222 |
| (6,60)      | 0,004  | 0,3769  | 0,706 | 0,5408      | 0,589 | -0,2666        | 0,79  | -0,2922     | 0,77  | 0,0591        | 0,953 | -1,2201  | 0,222 |
| (-15,-2)    | 0,0007 | 0,1313  | 0,896 | 0,2024      | 0,84  | -0,3289        | 0,742 | -0,3849     | 0,7   | 0,0754        | 0,94  | -0,7345  | 0,463 |
| (0)         | -0,022 | -15,691 | 0     | -7,9767     | 0     | -19,198        | 0     | -7,7517     | 0     | -9,8426       | 0     | -8,3107  | 0     |

No news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | -0,014 | -2,2525 | 0,024 | -2,3654     | 0,018 | -2,1422        | 0,032 | -2,0153     | 0,044 | -0,8987       | 0,369 | -1,7694  | 0,077 |
| (-1,1)      | -0,001 | -0,9663 | 0,334 | -0,5213     | 0,602 | 0,4062         | 0,685 | 0,1967      | 0,844 | 0,7734        | 0,439 | 1,2013   | 0,23  |
| (-5,5)      | -0,002 | -0,8199 | 0,412 | -0,6596     | 0,51  | 0,0492         | 0,961 | 0,0358      | 0,971 | 0,2221        | 0,824 | 0,4195   | 0,675 |
| (2,60)      | -0,014 | -2,6541 | 0,008 | -3,2428     | 0,001 | -2,7674        | 0,006 | -3,0227     | 0,003 | -1,8086       | 0,071 | -2,6293  | 0,009 |
| (6,60)      | -0,012 | -2,4098 | 0,016 | -2,9933     | 0,003 | -2,5657        | 0,01  | -2,8376     | 0,005 | -1,3656       | 0,172 | -1,7694  | 0,077 |
| (-15,-2)    | 0,0017 | 0,6475  | 0,517 | 0,7184      | 0,473 | 0,502          | 0,616 | 0,5179      | 0,605 | 1,2609        | 0,207 | -0,1277  | 0,898 |
| (0)         | -0,003 | -4,5558 | 0     | -1,7025     | 0,089 | -3,4977        | 5E-04 | -1,1935     | 0,233 | -1,5515       | 0,121 | -0,5967  | 0,551 |

Norway - Model 1 (UE)

Good news

| Eventwindow | CAAR   | t      | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|--------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | 0,0262 | 1,9948 | 0,046 | 2,2101      | 0,027 | -0,6846        | 0,494 | -0,5933     | 0,553 | 0,1184        | 0,906 | 0,4264   | 0,67  |
| (-1,1)      | 0,0101 | 3,8779 | 1E-04 | 2,9403      | 0,003 | 6,1571         | 0     | 3,9187      | 1E-04 | 3,1677        | 0,002 | 4,8858   | 0     |
| (-5,5)      | 0,0188 | 3,7746 | 2E-04 | 3,9082      | 1E-04 | 4,59           | 0     | 4,016       | 1E-04 | 2,9904        | 0,003 | 3,4451   | 6E-04 |
| (2,60)      | 0,0086 | 0,7404 | 0,459 | 0,8638      | 0,388 | -2,4015        | 0,016 | -2,1456     | 0,032 | -1,1574       | 0,247 | -0,5341  | 0,593 |
| (6,60)      | 0,0059 | 0,5291 | 0,597 | 0,6242      | 0,533 | -2,5792        | 0,01  | -2,2863     | 0,022 | -1,0683       | 0,285 | 0,0148   | 0,988 |
| (-15,-2)    | 0,0075 | 1,3327 | 0,183 | 1,9075      | 0,057 | 0,4846         | 0,628 | 0,5995      | 0,549 | 1,1855        | 0,236 | -0,0538  | 0,957 |
| (0)         | 0,0049 | 3,2606 | 0,001 | 1,9553      | 0,051 | 8,0249         | 0     | 3,8102      | 1E-04 | 4,2486        | 0     | 3,9253   | 1E-04 |

Bad news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | -0,016 | -1,4046 | 0,16  | -1,2178     | 0,223 | -3,7059        | 2E-04 | -3,0046     | 0,003 | -1,2028       | 0,229 | -2,8625  | 0,004 |
| (-1,1)      | -0,023 | -10,418 | 0     | -6,6881     | 0     | -13,001        | 0     | -7,6626     | 0     | -4,9856       | 0     | -5,7598  | 0     |
| (-5,5)      | -0,02  | -4,6419 | 0     | -4,1233     | 0     | -6,1049        | 0     | -4,831      | 0     | -2,6225       | 0,009 | -3,7811  | 2E-04 |
| (2,60)      | 0,0039 | 0,3978  | 0,691 | 0,3639      | 0,716 | -1,3389        | 0,181 | -1,1353     | 0,256 | -0,7002       | 0,484 | -1,7318  | 0,083 |
| (6,60)      | 0,003  | 0,3202  | 0,749 | 0,2954      | 0,768 | -1,3799        | 0,168 | -1,1847     | 0,236 | -0,5449       | 0,586 | -1,0958  | 0,273 |
| (-15,-2)    | 0,0035 | 0,7331  | 0,464 | 0,7269      | 0,467 | 0,1322         | 0,895 | 0,1367      | 0,891 | 0,9428        | 0,346 | 0,1762   | 0,86  |
| (0)         | -0,021 | -16,843 | 0     | -7,3943     | 0     | -20,969        | 0     | -8,8385     | 0     | -9,2033       | 0     | -7,6678  | 0     |

No news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | -2E-04 | -0,0091 | 0,993 | -0,0084     | 0,993 | 0,3772         | 0,706 | 0,3246      | 0,746 | 0,538         | 0,591 | -0,3412  | 0,733 |
| (-1,1)      | 0,0001 | 0,0123  | 0,99  | 0,0093      | 0,993 | 0,8203         | 0,412 | 0,5151      | 0,607 | 0,3962        | 0,692 | 0,1606   | 0,872 |
| (-5,5)      | 0,0095 | 1,1514  | 0,25  | 1,1464      | 0,252 | 1,4334         | 0,152 | 1,2774      | 0,202 | 0,7811        | 0,435 | 0,1606   | 0,872 |
| (2,60)      | -0,004 | -0,2116 | 0,832 | -0,2168     | 0,828 | -0,03          | 0,976 | -0,0277     | 0,978 | 0,2653        | 0,791 | -1,1776  | 0,239 |
| (6,60)      | -0,004 | -0,2359 | 0,814 | -0,2403     | 0,81  | -0,1181        | 0,906 | -0,1088     | 0,913 | 0,2497        | 0,803 | -0,8431  | 0,399 |
| (-15,-2)    | 0,0038 | 0,4075  | 0,684 | 0,5747      | 0,566 | 0,5607         | 0,575 | 0,7798      | 0,436 | 0,5255        | 0,599 | 1,8335   | 0,067 |
| (0)         | -7E-04 | -0,2728 | 0,785 | -0,1447     | 0,885 | 1,4699         | 0,142 | 0,6379      | 0,524 | 0,1614        | 0,872 | -0,0067  | 0,995 |

Norway - Model 2 (UE)

Good news

| Eventwindow | CAAR   | t      | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|--------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | 0,0402 | 3,1465 | 0,002 | 3,4976      | 5E-04 | 0,8598         | 0,39  | 0,7553      | 0,45  | 0,7944        | 0,427 | 0,9831   | 0,326 |
| (-1,1)      | 0,0087 | 3,437  | 6E-04 | 2,3235      | 0,02  | 5,8045         | 0     | 3,6079      | 3E-04 | 2,9404        | 0,003 | 4,7741   | 0     |
| (-5,5)      | 0,0189 | 3,8877 | 1E-04 | 3,6994      | 2E-04 | 4,9243         | 0     | 4,1815      | 0     | 3,0928        | 0,002 | 3,4645   | 5E-04 |
| (2,60)      | 0,019  | 1,686  | 0,092 | 1,9503      | 0,051 | -1,1921        | 0,233 | -1,0843     | 0,278 | -0,8555       | 0,392 | -0,8779  | 0,38  |
| (6,60)      | 0,0152 | 1,4009 | 0,161 | 1,6652      | 0,096 | -1,4516        | 0,147 | -1,3221     | 0,186 | -0,8398       | 0,401 | 0,0871   | 0,931 |
| (-15,-2)    | 0,0125 | 2,2788 | 0,023 | 3,2577      | 0,001 | 1,7634         | 0,078 | 2,1687      | 0,03  | 2,246         | 0,025 | 1,1899   | 0,234 |
| (0)         | 0,0045 | 3,0576 | 0,002 | 1,5053      | 0,132 | 7,16           | 0     | 3,2902      | 0,001 | 3,6261        | 3E-04 | 3,2577   | 0,001 |

Bad news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | -0,02  | -1,7465 | 0,081 | -1,6695     | 0,095 | -4,0059        | 1E-04 | -3,482      | 5E-04 | -1,359        | 0,174 | -3,4048  | 7E-04 |
| (-1,1)      | -0,02  | -8,6233 | 0     | -6,4405     | 0     | -11,872        | 0     | -7,0637     | 0     | -4,3721       | 0     | -5,062   | 0     |
| (-5,5)      | -0,015 | -3,4843 | 5E-04 | -3,5597     | 4E-04 | -5,3144        | 0     | -4,4125     | 0     | -2,0959       | 0,036 | -3,1977  | 0,001 |
| (2,60)      | 0,0001 | 0,0069  | 0,995 | 0,0071      | 0,994 | -1,5419        | 0,123 | -1,4223     | 0,155 | -0,6331       | 0,527 | -1,6786  | 0,093 |
| (6,60)      | -3E-04 | -0,0314 | 0,975 | -0,0325     | 0,974 | -1,6058        | 0,108 | -1,49       | 0,136 | -0,4822       | 0,63  | -1,1262  | 0,26  |
| (-15,-2)    | -4E-04 | -0,0917 | 0,927 | -0,0961     | 0,924 | -0,6723        | 0,501 | -0,7219     | 0,47  | 0,1571        | 0,875 | -0,2976  | 0,766 |
| (0)         | -0,019 | -14,639 | 0     | -8,2274     | 0     | -18,747        | 0     | -8,1346     | 0     | -8,0752       | 0     | -6,4429  | 0     |

No news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | -0,066 | -2,9833 | 0,003 | -1,5516     | 0,121 | -2,7515        | 0,006 | -1,6015     | 0,109 | -0,8424       | 0,4   | -0,2414  | 0,809 |
| (-1,1)      | -0,007 | -1,5878 | 0,112 | -1,1867     | 0,235 | -0,2986        | 0,765 | -0,2007     | 0,841 | -0,5736       | 0,566 | -0,9942  | 0,32  |
| (-5,5)      | -0,014 | -1,6611 | 0,097 | -1,2219     | 0,222 | -1,0137        | 0,311 | -0,7777     | 0,437 | -0,9243       | 0,355 | -1,1824  | 0,237 |
| (2,60)      | -0,055 | -2,8314 | 0,005 | -1,4881     | 0,137 | -2,7293        | 0,006 | -1,5718     | 0,116 | -0,884        | 0,377 | -0,4296  | 0,668 |
| (6,60)      | -0,051 | -2,7063 | 0,007 | -1,3905     | 0,164 | -2,5425        | 0,011 | -1,4522     | 0,147 | -0,6665       | 0,505 | -0,9942  | 0,32  |
| (-15,-2)    | -0,004 | -0,4033 | 0,687 | -0,4117     | 0,681 | -0,6696        | 0,503 | -0,7458     | 0,456 | 0,1176        | 0,906 | -0,0532  | 0,958 |
| (0)         | -0,008 | -2,944  | 0,003 | -1,382      | 0,167 | -0,6256        | 0,532 | -0,2516     | 0,801 | -1,182        | 0,237 | -0,9942  | 0,32  |

Norway - Model 5 (UE)

Good news

| Eventwindow | CAAR   | t      | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|--------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | 0,0351 | 2,749  | 0,006 | 2,9723             | 0,003 | 0,8835                | 0,377 | 0,7969             | 0,426 | 0,8044               | 0,421 | 1,0483          | 0,295 |
| (-1,1)      | 0,0062 | 2,4591 | 0,014 | 1,7006             | 0,089 | 4,799                 | 0     | 3,0548             | 0,002 | 2,2788               | 0,023 | 3,7843          | 2E-04 |
| (-5,5)      | 0,0179 | 3,6829 | 2E-04 | 3,4878             | 5E-04 | 5,015                 | 0     | 4,2474             | 0     | 3,1438               | 0,002 | 3,5107          | 4E-04 |
| (2,60)      | 0,0164 | 1,4584 | 0,145 | 1,6723             | 0,095 | -0,9761               | 0,329 | -0,9322            | 0,351 | -0,732               | 0,464 | -0,7985         | 0,425 |
| (6,60)      | 0,0118 | 1,0857 | 0,278 | 1,2848             | 0,199 | -1,3347               | 0,182 | -1,28              | 0,201 | -0,7823              | 0,434 | -0,1829         | 0,855 |
| (-15,-2)    | 0,0124 | 2,2726 | 0,023 | 3,3061             | 9E-04 | 1,8407                | 0,066 | 2,3031             | 0,021 | 2,322                | 0,02  | 0,9115          | 0,362 |
| (0)         | 0,0037 | 2,556  | 0,011 | 1,2733             | 0,203 | 6,4519                | 0     | 3,0249             | 0,003 | 3,2775               | 0,001 | 2,8951          | 0,004 |

Bad news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,022 | -1,9159 | 0,055 | -1,7801            | 0,075 | -4,5564               | 0     | -3,7674            | 2E-04 | -1,6564              | 0,098 | -3,5652         | 4E-04 |
| (-1,1)      | -0,017 | -7,7127 | 0     | -5,5211            | 0     | -10,744               | 0     | -6,2951            | 0     | -3,7217              | 2E-04 | -4,3973         | 0     |
| (-5,5)      | -0,014 | -3,3429 | 8E-04 | -3,3302            | 9E-04 | -5,2526               | 0     | -4,3102            | 0     | -2                   | 0,046 | -3,2879         | 0,001 |
| (2,60)      | -0,003 | -0,2915 | 0,771 | -0,2895            | 0,772 | -2,2761               | 0,023 | -1,9563            | 0,05  | -1,1277              | 0,259 | -1,7625         | 0,078 |
| (6,60)      | -0,003 | -0,2928 | 0,77  | -0,2872            | 0,774 | -2,2838               | 0,022 | -1,9632            | 0,05  | -0,93                | 0,352 | -0,9304         | 0,352 |
| (-15,-2)    | -0,001 | -0,2953 | 0,768 | -0,2983            | 0,766 | -0,97                 | 0,332 | -1,0153            | 0,31  | 0,1787               | 0,858 | -0,5837         | 0,559 |
| (0)         | -0,019 | -14,507 | 0     | -7,9772            | 0     | -18,209               | 0     | -7,8392            | 0     | -7,9706              | 0     | -6,6855         | 0     |

No news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,022 | -0,9098 | 0,363 | -0,6258            | 0,531 | -1,4251               | 0,154 | -0,9013            | 0,367 | 0,1477               | 0,883 | -0,0462         | 0,963 |
| (-1,1)      | -0,007 | -1,5432 | 0,123 | -1,2034            | 0,229 | -0,8744               | 0,382 | -0,5207            | 0,603 | -0,7836              | 0,433 | -0,2396         | 0,811 |
| (-5,5)      | -0,016 | -1,745  | 0,081 | -1,8202            | 0,069 | -1,6388               | 0,101 | -1,3981            | 0,162 | -1,3718              | 0,17  | -1,2066         | 0,228 |
| (2,60)      | -0,017 | -0,7991 | 0,424 | -0,5202            | 0,603 | -1,3605               | 0,174 | -0,8353            | 0,404 | 0,3987               | 0,69  | -0,433          | 0,665 |
| (6,60)      | -0,009 | -0,4263 | 0,67  | -0,2772            | 0,782 | -1,04                 | 0,298 | -0,6395            | 0,523 | 0,6661               | 0,505 | -0,8198         | 0,412 |
| (-15,-2)    | 0,0024 | 0,2352  | 0,814 | 0,3203             | 0,749 | -0,1227               | 0,902 | -0,1522            | 0,879 | -0,1116              | 0,911 | 1,501           | 0,133 |
| (0)         | -0,007 | -2,4776 | 0,013 | -1,224             | 0,221 | -0,5151               | 0,607 | -0,1891            | 0,85  | -0,4817              | 0,63  | 0,534           | 0,593 |

Norway - Model 1 (SUE)

Good news

| Eventwindow | CAAR   | t      | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|--------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | 0,0282 | 2,151  | 0,032 | 2,3477             | 0,019 | 0,0007                | 0,999 | 0,0006             | 1     | 0,5496               | 0,583 | 0,5844          | 0,559 |
| (-1,1)      | 0,0102 | 3,9082 | 1E-04 | 2,982              | 0,003 | 6,3917                | 0     | 4,0752             | 0     | 3,1797               | 0,002 | 4,6744          | 0     |
| (-5,5)      | 0,0181 | 3,6303 | 3E-04 | 3,7721             | 2E-04 | 4,5622                | 0     | 4,0226             | 1E-04 | 2,8294               | 0,005 | 3,0384          | 0,002 |
| (2,60)      | 0,0097 | 0,8413 | 0,4   | 0,9666             | 0,334 | -1,8543               | 0,064 | -1,6548            | 0,098 | -0,804               | 0,421 | -0,4381         | 0,661 |
| (6,60)      | 0,0079 | 0,709  | 0,478 | 0,821              | 0,412 | -1,9246               | 0,054 | -1,7037            | 0,088 | -0,6147              | 0,539 | 0,5844          | 0,559 |
| (-15,-2)    | 0,0083 | 1,4754 | 0,14  | 2,1185             | 0,034 | 0,8495                | 0,396 | 1,063              | 0,288 | 1,4592               | 0,145 | 0,5163          | 0,606 |
| (0)         | 0,0054 | 3,5585 | 4E-04 | 2,1455             | 0,032 | 8,6044                | 0     | 4,098              | 0     | 4,5958               | 0     | 4,0609          | 0     |

Bad news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,009 | -0,8299 | 0,407 | -0,7368            | 0,461 | -2,9882               | 0,003 | -2,4518            | 0,014 | -0,9537              | 0,34  | -2,5041         | 0,012 |
| (-1,1)      | -0,022 | -9,9481 | 0     | -6,3277            | 0     | -12,302               | 0     | -7,1511            | 0     | -4,8197              | 0     | -5,7448         | 0     |
| (-5,5)      | -0,018 | -4,1627 | 0     | -3,6914            | 2E-04 | -5,5329               | 0     | -4,3525            | 0     | -2,5023              | 0,012 | -3,5609         | 4E-04 |
| (2,60)      | 0,0087 | 0,8959  | 0,37  | 0,8416             | 0,4   | -0,724                | 0,469 | -0,6234            | 0,533 | -0,3955              | 0,693 | -1,4474         | 0,148 |
| (6,60)      | 0,0073 | 0,7782  | 0,436 | 0,7416             | 0,458 | -0,8399               | 0,401 | -0,7348            | 0,463 | -0,3055              | 0,76  | -0,9543         | 0,34  |
| (-15,-2)    | 0,004  | 0,8324  | 0,405 | 0,8257             | 0,409 | 0,2186                | 0,827 | 0,2259             | 0,821 | 0,8209               | 0,412 | 0,1729          | 0,863 |
| (0)         | -0,021 | -16,431 | 0     | -7,1348            | 0     | -20,031               | 0     | -8,1477            | 0     | -8,7987              | 0     | -7,3651         | 0     |

No news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,066 | -3,3702 | 8E-04 | -2,6216            | 0,009 | -3,265                | 0,001 | -2,533             | 0,011 | -1,5348              | 0,125 | -1,7616         | 0,078 |
| (-1,1)      | -0,007 | -1,8028 | 0,071 | -1,5174            | 0,129 | -1,4805               | 0,139 | -1,0077            | 0,314 | -0,142               | 0,887 | 0,7145          | 0,475 |
| (-5,5)      | 0,0026 | 0,3536  | 0,724 | 0,3382             | 0,735 | 0,1565                | 0,876 | 0,1363             | 0,892 | 0,8747               | 0,382 | 0,7145          | 0,475 |
| (2,60)      | -0,054 | -3,1263 | 0,002 | -2,5617            | 0,01  | -3,0877               | 0,002 | -2,6379            | 0,008 | -1,7373              | 0,082 | -2,2922         | 0,022 |
| (6,60)      | -0,056 | -3,3997 | 7E-04 | -2,666             | 0,008 | -3,279                | 0,001 | -2,751             | 0,006 | -1,863               | 0,063 | -2,8228         | 0,005 |
| (-15,-2)    | -0,005 | -0,6001 | 0,549 | -0,8955            | 0,371 | -0,5831               | 0,56  | -0,7687            | 0,442 | 0,0562               | 0,955 | 0,3608          | 0,718 |
| (0)         | -0,006 | -2,8165 | 0,005 | -1,7324            | 0,083 | -2,2049               | 0,028 | -1,2538            | 0,21  | -1,9311              | 0,054 | -1,0542         | 0,292 |

Norway - Model 2 (SUE)

Good news

| Eventwindow | CAAR   | t      | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|--------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | 0,0376 | 2,9436 | 0,003 | 3,1779             | 0,002 | 0,8543                | 0,393 | 0,7282             | 0,467 | 0,8242               | 0,41  | 1,0903          | 0,276 |
| (-1,1)      | 0,0084 | 3,3116 | 9E-04 | 2,2458             | 0,025 | 5,7563                | 0     | 3,5959             | 3E-04 | 2,7255               | 0,006 | 4,4597          | 0     |
| (-5,5)      | 0,0193 | 3,9663 | 1E-04 | 3,796              | 1E-04 | 5,0638                | 0     | 4,3122             | 0     | 3,0761               | 0,002 | 3,222           | 0,001 |
| (2,60)      | 0,0166 | 1,4742 | 0,14  | 1,6377             | 0,102 | -1,2526               | 0,21  | -1,0914            | 0,275 | -0,7617              | 0,446 | -0,7663         | 0,444 |
| (6,60)      | 0,0127 | 1,1645 | 0,244 | 1,3189             | 0,187 | -1,5106               | 0,131 | -1,3147            | 0,189 | -0,7339              | 0,463 | 0,1964          | 0,844 |
| (-15,-2)    | 0,0126 | 2,2993 | 0,022 | 3,2949             | 0,001 | 1,8972                | 0,058 | 2,3461             | 0,019 | 2,2224               | 0,026 | 1,1591          | 0,246 |
| (0)         | 0,0044 | 3,0301 | 0,002 | 1,4979             | 0,134 | 7,3787                | 0     | 3,4143             | 6E-04 | 3,7474               | 2E-04 | 3,2908          | 0,001 |

Bad news

| Eventwindow | CAAR   | t        | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|----------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,022 | -1,9681  | 0,049 | -1,7837            | 0,075 | -4,1347               | 0     | -3,4985            | 5E-04 | -1,4886              | 0,137 | -3,3605         | 8E-04 |
| (-1,1)      | -0,019 | -8,5484  | 0     | -6,3847            | 0     | -11,675               | 0     | -6,9718            | 0     | -4,3844              | 0     | -5,1431         | 0     |
| (-5,5)      | -0,017 | -3,8821  | 1E-04 | -3,8419            | 1E-04 | -5,6249               | 0     | -4,5739            | 0     | -2,3548              | 0,019 | -3,3605         | 8E-04 |
| (2,60)      | -0,002 | -0,2209  | 0,825 | -0,2163            | 0,829 | -1,693                | 0,09  | -1,5113            | 0,131 | -0,7203              | 0,471 | -1,7836         | 0,075 |
| (6,60)      | -0,002 | -0,1736  | 0,862 | -0,1695            | 0,865 | -1,6719               | 0,095 | -1,4982            | 0,134 | -0,5479              | 0,584 | -1,3723         | 0,17  |
| (-15,-2)    | -8E-04 | -0,1751  | 0,861 | -0,1816            | 0,856 | -0,7534               | 0,451 | -0,8066            | 0,42  | 0,04                 | 0,968 | -0,3439         | 0,731 |
| (0)         | -0,019 | -14,6117 | 0     | -8,2314            | 0     | -18,539               | 0     | -8,0858            | 0     | -7,9509              | 0     | -6,4457         | 0     |

No news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,045 | -2,1503 | 0,032 | -1,9589            | 0,05  | -2,625                | 0,009 | -1,9232            | 0,055 | -0,6334              | 0,527 | -0,7625         | 0,446 |
| (-1,1)      | -0,005 | -1,2862 | 0,198 | -0,9547            | 0,34  | -0,5349               | 0,593 | -0,3348            | 0,738 | 0,3032               | 0,762 | 0,248           | 0,804 |
| (-5,5)      | -0,003 | -0,367  | 0,714 | -0,3706            | 0,711 | -0,4684               | 0,64  | -0,4254            | 0,671 | 0,1399               | 0,889 | 0,0459          | 0,963 |
| (2,60)      | -0,037 | -2,014  | 0,044 | -1,7956            | 0,073 | -2,4321               | 0,015 | -1,876             | 0,061 | -1,075               | 0,282 | -0,5604         | 0,575 |
| (6,60)      | -0,039 | -2,1769 | 0,03  | -1,9603            | 0,05  | -2,4955               | 0,013 | -1,9474            | 0,052 | -0,9886              | 0,323 | -0,7625         | 0,446 |
| (-15,-2)    | -0,003 | -0,2801 | 0,779 | -0,3721            | 0,71  | -0,8758               | 0,381 | -0,9761            | 0,329 | 0,5908               | 0,555 | 0,0459          | 0,963 |
| (0)         | -0,007 | -2,7011 | 0,007 | -1,1283            | 0,259 | -1,5112               | 0,131 | -0,5568            | 0,578 | -1,7062              | 0,088 | -0,9646         | 0,335 |

Norway - Model 5 (SUE)

Good news

| Eventwindow | CAAR   | t      | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|--------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | 0,0332 | 2,5972 | 0,009 | 2,7215             | 0,007 | 0,9273                | 0,354 | 0,7966             | 0,426 | 0,9675               | 0,333 | 1,187           | 0,235 |
| (-1,1)      | 0,0064 | 2,516  | 0,012 | 1,7484             | 0,08  | 5,2409                | 0     | 3,3099             | 9E-04 | 2,1999               | 0,028 | 3,7771          | 2E-04 |
| (-5,5)      | 0,018  | 3,7131 | 2E-04 | 3,5363             | 4E-04 | 5,076                 | 0     | 4,2883             | 0     | 2,9336               | 0,003 | 3,5726          | 4E-04 |
| (2,60)      | 0,0143 | 1,2735 | 0,203 | 1,3944             | 0,163 | -1,0539               | 0,292 | -0,9416            | 0,346 | -0,5385              | 0,59  | -0,6534         | 0,514 |
| (6,60)      | 0,0098 | 0,8976 | 0,369 | 1,0081             | 0,313 | -1,3977               | 0,162 | -1,2526            | 0,21  | -0,5812              | 0,561 | 0,0282          | 0,978 |
| (-15,-2)    | 0,0125 | 2,2721 | 0,023 | 3,3074             | 9E-04 | 1,898                 | 0,058 | 2,3869             | 0,017 | 2,3414               | 0,019 | 1,0507          | 0,293 |
| (0)         | 0,0037 | 2,5293 | 0,011 | 1,2589             | 0,208 | 7,1089                | 0     | 3,2295             | 0,001 | 3,2884               | 0,001 | 2,9592          | 0,003 |

Bad news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,017 | -1,5277 | 0,127 | -1,4151            | 0,157 | -4,1894               | 0     | -3,4894            | 5E-04 | -1,5251              | 0,127 | -3,3627         | 8E-04 |
| (-1,1)      | -0,017 | -7,7247 | 0     | -5,5534            | 0     | -11,041               | 0     | -6,4858            | 0     | -3,7734              | 2E-04 | -4,5386         | 0     |
| (-5,5)      | -0,015 | -3,4753 | 5E-04 | -3,4447            | 6E-04 | -5,5211               | 0     | -4,4853            | 0     | -2,1364              | 0,033 | -3,2935         | 0,001 |
| (2,60)      | 0,0007 | 0,074   | 0,941 | 0,0732             | 0,942 | -1,8816               | 0,06  | -1,6274            | 0,104 | -0,9609              | 0,337 | -1,7026         | 0,089 |
| (6,60)      | 0,0015 | 0,154   | 0,878 | 0,1504             | 0,88  | -1,8067               | 0,071 | -1,5602            | 0,119 | -0,7192              | 0,472 | -1,0108         | 0,312 |
| (-15,-2)    | -7E-04 | -0,1355 | 0,892 | -0,1375            | 0,891 | -0,7873               | 0,431 | -0,83              | 0,407 | 0,1661               | 0,868 | -0,3883         | 0,698 |
| (0)         | -0,019 | -14,776 | 0     | -8,1835            | 0     | -18,834               | 0     | -8,1222            | 0     | -8,0224              | 0     | -6,7521         | 0     |

No news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,058 | -2,8046 | 0,005 | -2,5613            | 0,01  | -2,8114               | 0,005 | -2,1855            | 0,029 | -0,9059              | 0,365 | -1,1586         | 0,247 |
| (-1,1)      | -0,008 | -1,9916 | 0,046 | -1,4283            | 0,153 | -1,3117               | 0,19  | -0,8353            | 0,404 | -0,1666              | 0,868 | 0,256           | 0,798 |
| (-5,5)      | -0,013 | -1,6487 | 0,099 | -1,8672            | 0,062 | -1,086                | 0,278 | -1,079             | 0,281 | -0,1551              | 0,877 | -1,3607         | 0,174 |
| (2,60)      | -0,045 | -2,4673 | 0,014 | -2,2344            | 0,026 | -2,482                | 0,013 | -2,0041            | 0,045 | -0,8668              | 0,386 | -1,1586         | 0,247 |
| (6,60)      | -0,042 | -2,3911 | 0,017 | -2,2613            | 0,024 | -2,4407               | 0,015 | -2,0105            | 0,044 | -0,8135              | 0,416 | -1,3607         | 0,174 |
| (-15,-2)    | -0,005 | -0,5475 | 0,584 | -0,7441            | 0,457 | -0,848                | 0,397 | -0,9504            | 0,342 | -0,2543              | 0,799 | 0,4581          | 0,647 |
| (0)         | -0,003 | -1,0646 | 0,287 | -0,5107            | 0,61  | -0,5243               | 0,6   | -0,2389            | 0,811 | 0,201                | 0,841 | 0,6602          | 0,509 |

Sweden - Model 1 (UE)

Good news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | 0,0168 | 2,5186  | 0,012 | 2,7436             | 0,006 | 3,5948                | 3E-04 | 3,4318             | 6E-04 | 2,1586               | 0,031 | 4,386           | 0     |
| (-1,1)      | 0,016  | 12,0535 | 0     | 8,2524             | 0     | 20,9398               | 0     | 10,4094            | 0     | 6,6455               | 0     | 8,4581          | 0     |
| (-5,5)      | 0,0191 | 7,5243  | 0     | 7,0241             | 0     | 12,6417               | 0     | 9,242              | 0     | 4,4765               | 0     | 8,1937          | 0     |
| (2,60)      | -0,006 | -0,9651 | 0,335 | -1,1252            | 0,261 | -1,6043               | 0,109 | -1,6981            | 0,09  | -0,1746              | 0,861 | 0,3668          | 0,714 |
| (6,60)      | -0,005 | -0,9    | 0,368 | -1,1019            | 0,271 | -1,6102               | 0,107 | -1,7539            | 0,079 | 0,105                | 0,916 | -0,0563         | 0,955 |
| (-15,-2)    | 0,0065 | 2,2698  | 0,023 | 3,0996             | 0,002 | 1,9757                | 0,048 | 2,2816             | 0,023 | 2,3117               | 0,021 | 3,2754          | 0,001 |
| (0)         | 0,0135 | 17,5343 | 0     | 7,8423             | 0     | 30,0624               | 0     | 10,3126            | 0     | 8,5878               | 0     | 9,3571          | 0     |

Bad news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,021 | -2,7543 | 0,006 | -2,5905            | 0,01  | -3,1465               | 0,002 | -2,8112            | 0,005 | -0,9578              | 0,338 | -1,4979         | 0,134 |
| (-1,1)      | -0,027 | -18,097 | 0     | -11,732            | 0     | -20,045               | 0     | -10,029            | 0     | -6,0541              | 0     | -8,8164         | 0     |
| (-5,5)      | -0,028 | -9,7896 | 0     | -9,1531            | 0     | -10,955               | 0     | -8,3562            | 0     | -3,6136              | 3E-04 | -6,7697         | 0     |
| (2,60)      | 0,0142 | 2,1265  | 0,034 | 2,0552             | 0,04  | 1,9067                | 0,057 | 1,8496             | 0,064 | 0,865                | 0,387 | 2,2854          | 0,022 |
| (6,60)      | 0,015  | 2,3288  | 0,02  | 2,3012             | 0,021 | 2,308                 | 0,021 | 2,2325             | 0,026 | 1,1492               | 0,251 | 1,4171          | 0,157 |
| (-15,-2)    | -0,008 | -2,4057 | 0,016 | -2,8855            | 0,004 | -1,9664               | 0,049 | -2,2051            | 0,027 | -1,205               | 0,228 | -1,0017         | 0,317 |
| (0)         | -0,025 | -28,863 | 0     | -12,89             | 0     | -33,203               | 0     | -11,427            | 0     | -11,048              | 0     | -11,111         | 0     |

No news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,014 | -1,6099 | 0,107 | -1,8985            | 0,058 | -3,0691               | 0,002 | -3,2301            | 0,001 | -0,996               | 0,319 | -2,6041         | 0,009 |
| (-1,1)      | -0,008 | -4,7154 | 0     | -2,9243            | 0,004 | -5,7904               | 0     | -2,8607            | 0,004 | -2,2493              | 0,025 | -2,12           | 0,034 |
| (-5,5)      | -0,007 | -2,0648 | 0,039 | -1,9607            | 0,05  | -3,3264               | 9E-04 | -2,6111            | 0,009 | -0,9198              | 0,358 | -1,9264         | 0,054 |
| (2,60)      | -0,007 | -0,8692 | 0,385 | -1,1253            | 0,261 | -1,747                | 0,081 | -2,0749            | 0,038 | -0,8436              | 0,399 | -1,3455         | 0,179 |
| (6,60)      | -0,003 | -0,4604 | 0,645 | -0,5891            | 0,556 | -1,3245               | 0,185 | -1,6047            | 0,109 | -0,5691              | 0,569 | -0,8614         | 0,389 |
| (-15,-2)    | 0,0008 | 0,2162  | 0,829 | 0,2558             | 0,798 | -0,884                | 0,377 | -1,0588            | 0,29  | 0,4523               | 0,651 | 0,3005          | 0,764 |
| (0)         | -0,007 | -7,2209 | 0     | -2,9432            | 0,003 | -7,6345               | 0     | -2,6482            | 0,008 | -2,9453              | 0,003 | -1,6359         | 0,102 |

Sweden - Model 2 (UE)

Good news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | 0,0174 | 2,5765  | 0,01  | 2,8202             | 0,005 | 3,4613                | 5E-04 | 3,3282             | 9E-04 | 2,1907               | 0,029 | 4,3355          | 0     |
| (-1,1)      | 0,0144 | 10,7315 | 0     | 7,2596             | 0     | 17,7187               | 0     | 8,6249             | 0     | 5,6576               | 0     | 6,6149          | 0     |
| (-5,5)      | 0,0172 | 6,6678  | 0     | 6,0795             | 0     | 10,8125               | 0     | 7,6838             | 0     | 3,8843               | 1E-04 | 6,6149          | 0     |
| (2,60)      | -0,004 | -0,5974 | 0,55  | -0,7164            | 0,474 | -1,1017               | 0,271 | -1,1838            | 0,237 | 0,2844               | 0,776 | 0,9164          | 0,36  |
| (6,60)      | -0,003 | -0,4676 | 0,64  | -0,5858            | 0,558 | -1,1214               | 0,262 | -1,2414            | 0,214 | 0,4761               | 0,634 | 0,3194          | 0,75  |
| (-15,-2)    | 0,0066 | 2,2618  | 0,024 | 2,9256             | 0,003 | 2,1239                | 0,034 | 2,435              | 0,015 | 1,9015               | 0,057 | 2,4902          | 0,013 |
| (0)         | 0,0124 | 15,9669 | 0     | 6,9731             | 0     | 26,5632               | 0     | 8,8531             | 0     | 7,4973               | 0     | 8,026           | 0     |

Bad news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,015 | -1,9967 | 0,046 | -1,9499            | 0,051 | -2,3956               | 0,017 | -2,136             | 0,033 | -0,4513              | 0,652 | -1,2069         | 0,228 |
| (-1,1)      | -0,025 | -16,963 | 0     | -10,874            | 0     | -18,062               | 0     | -8,9852            | 0     | -5,822               | 0     | -7,8922         | 0     |
| (-5,5)      | -0,024 | -8,3857 | 0     | -7,9553            | 0     | -9,2502               | 0     | -7,1168            | 0     | -3,0103              | 0,003 | -5,7842         | 0     |
| (2,60)      | 0,0158 | 2,4171  | 0,016 | 2,4283             | 0,015 | 2,3339                | 0,02  | 2,2717             | 0,023 | 1,1585               | 0,247 | 3,009           | 0,003 |
| (6,60)      | 0,0152 | 2,4053  | 0,016 | 2,4487             | 0,014 | 2,5805                | 0,01  | 2,5068             | 0,012 | 1,3878               | 0,165 | 2,1658          | 0,03  |
| (-15,-2)    | -0,006 | -1,7618 | 0,078 | -2,212             | 0,027 | -2,0116               | 0,044 | -2,2833            | 0,022 | -0,7346              | 0,463 | -0,9058         | 0,365 |
| (0)         | -0,023 | -26,855 | 0     | -11,795            | 0     | -30,563               | 0     | -10,571            | 0     | -10,753              | 0     | -10             | 0     |

No news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,025 | -2,7655 | 0,006 | -2,7048            | 0,007 | -3,6784               | 2E-04 | -3,8283            | 1E-04 | -2,0042              | 0,045 | -2,6767         | 0,007 |
| (-1,1)      | -0,002 | -0,9836 | 0,325 | -0,6568            | 0,511 | -1,2901               | 0,197 | -0,6469            | 0,518 | -0,2139              | 0,831 | 0,4829          | 0,629 |
| (-5,5)      | -0,004 | -1,3113 | 0,19  | -1,2467            | 0,213 | -1,674                | 0,094 | -1,3314            | 0,183 | -0,6268              | 0,531 | 0,0042          | 0,997 |
| (2,60)      | -0,02  | -2,5694 | 0,01  | -2,4932            | 0,013 | -3,4549               | 6E-04 | -3,9434            | 1E-04 | -2,4981              | 0,013 | -3,5384         | 4E-04 |
| (6,60)      | -0,014 | -1,8991 | 0,058 | -1,9807            | 0,048 | -2,786                | 0,005 | -3,2268            | 0,001 | -1,8612              | 0,063 | -2,7724         | 0,006 |
| (-15,-2)    | -0,003 | -0,7135 | 0,476 | -0,9434            | 0,346 | -0,8805               | 0,379 | -1,0497            | 0,294 | 0,5576               | 0,577 | 1,7276          | 0,084 |
| (0)         | -0,003 | -3,1554 | 0,002 | -1,4913            | 0,136 | -2,635                | 0,008 | -0,9362            | 0,349 | -0,9581              | 0,338 | -0,0916         | 0,927 |

Sweden - Model 5 (UE)

Good news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | 0,029  | 4,0524  | 1E-04 | 4,4348             | 0     | 5,0896                | 0     | 5,0072             | 0     | 2,611                | 0,009 | 4,8401          | 0     |
| (-1,1)      | 0,014  | 9,8706  | 0     | 6,607              | 0     | 16,574                | 0     | 8,0785             | 0     | 5,5421               | 0     | 6,2056          | 0     |
| (-5,5)      | 0,0176 | 6,4682  | 0     | 5,9779             | 0     | 10,2146               | 0     | 7,3729             | 0     | 3,7849               | 2E-04 | 6,3194          | 0     |
| (2,60)      | 0,0069 | 1,0894  | 0,276 | 1,2712             | 0,204 | 0,9462                | 0,344 | 1,0247             | 0,306 | 1,0186               | 0,308 | 1,7676          | 0,077 |
| (6,60)      | 0,0076 | 1,2455  | 0,213 | 1,5236             | 0,128 | 0,9331                | 0,351 | 1,0389             | 0,299 | 1,1443               | 0,253 | 1,3125          | 0,189 |
| (-15,-2)    | 0,0081 | 2,6361  | 0,008 | 3,7664             | 2E-04 | 2,2437                | 0,025 | 2,7092             | 0,007 | 1,427                | 0,154 | 2,1659          | 0,03  |
| (0)         | 0,0113 | 13,7636 | 0     | 5,9105             | 0     | 24,0139               | 0     | 8,0532             | 0     | 6,7081               | 0     | 6,6038          | 0     |

Bad news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,026 | -3,4816 | 5E-04 | -3,4724            | 5E-04 | -4,5418               | 0     | -4,0693            | 0     | -1,4324              | 0,152 | -3,0683         | 0,002 |
| (-1,1)      | -0,026 | -17,306 | 0     | -11,122            | 0     | -19,422               | 0     | -9,5353            | 0     | -6,4299              | 0     | -8,4651         | 0     |
| (-5,5)      | -0,026 | -9,1602 | 0     | -8,9804            | 0     | -10,684               | 0     | -8,3752            | 0     | -3,8169              | 1E-04 | -7,1159         | 0     |
| (2,60)      | 0,0062 | 0,9246  | 0,355 | 0,9359             | 0,349 | 0,2583                | 0,796 | 0,2497             | 0,803 | 0,0956               | 0,924 | 1,4699          | 0,142 |
| (6,60)      | 0,0067 | 1,0321  | 0,302 | 1,0586             | 0,29  | 0,6836                | 0,494 | 0,6596             | 0,51  | 0,4778               | 0,633 | 0,55            | 0,582 |
| (-15,-2)    | -0,007 | -1,9989 | 0,046 | -2,6145            | 0,009 | -2,1215               | 0,034 | -2,5582            | 0,011 | -0,5571              | 0,577 | -1,0445         | 0,296 |
| (0)         | -0,023 | -26,734 | 0     | -11,574            | 0     | -31,444               | 0     | -10,571            | 0     | -10,696              | 0     | -9,4463         | 0     |

No news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,018 | -2,1653 | 0,03  | -2,2098            | 0,027 | -2,1759               | 0,03  | -2,2217            | 0,026 | -0,6496              | 0,516 | -0,4393         | 0,66  |
| (-1,1)      | 0,0043 | 2,614   | 0,009 | 1,7286             | 0,084 | 3,4021                | 7E-04 | 1,7054             | 0,088 | 2,1694               | 0,03  | 2,7423          | 0,006 |
| (-5,5)      | 0,0046 | 1,4712  | 0,141 | 1,278              | 0,201 | 2,1789                | 0,029 | 1,6098             | 0,108 | 1,5967               | 0,11  | 2,5605          | 0,011 |
| (2,60)      | -0,023 | -3,1546 | 0,002 | -3,447             | 6E-04 | -3,2851               | 0,001 | -3,7593            | 2E-04 | -1,872               | 0,061 | -2,4392         | 0,015 |
| (6,60)      | -0,019 | -2,6726 | 0,008 | -3,1329            | 0,002 | -2,882                | 0,004 | -3,3755            | 7E-04 | -1,3529              | 0,176 | -2,0756         | 0,038 |
| (-15,-2)    | 0,0008 | 0,2209  | 0,825 | 0,2883             | 0,773 | 0,0994                | 0,921 | 0,1166             | 0,907 | 1,3252               | 0,185 | 1,6515          | 0,099 |
| (0)         | 0,0027 | 2,8224  | 0,005 | 1,3659             | 0,172 | 3,9218                | 1E-04 | 1,3967             | 0,163 | 1,8952               | 0,058 | 2,106           | 0,035 |

Sweden - Model 1 (SUE)

Good news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | 0,0173 | 2,6357  | 0,008 | 2,8777             | 0,004 | 3,4886                | 5E-04 | 3,3428             | 8E-04 | 2,0495               | 0,04  | 4,3322          | 0     |
| (-1,1)      | 0,016  | 12,2682 | 0     | 8,4901             | 0     | 21,1011               | 0     | 10,6146            | 0     | 6,6234               | 0     | 8,5457          | 0     |
| (-5,5)      | 0,0196 | 7,837   | 0     | 7,3832             | 0     | 12,9075               | 0     | 9,5405             | 0     | 4,5982               | 0     | 8,7537          | 0     |
| (2,60)      | -0,005 | -0,8821 | 0,378 | -1,0345            | 0,301 | -1,7257               | 0,084 | -1,8295            | 0,067 | -0,2246              | 0,822 | 0,2228          | 0,824 |
| (6,60)      | -0,004 | -0,787  | 0,431 | -0,9658            | 0,334 | -1,7328               | 0,083 | -1,8915            | 0,059 | 0,0249               | 0,98  | 0,0667          | 0,947 |
| (-15,-2)    | 0,0064 | 2,2727  | 0,023 | 3,104              | 0,002 | 1,9029                | 0,057 | 2,2134             | 0,027 | 2,1701               | 0,03  | 2,9277          | 0,003 |
| (0)         | 0,0133 | 17,6675 | 0     | 7,9308             | 0     | 30,2725               | 0     | 10,5383            | 0     | 8,4407               | 0     | 9,2219          | 0     |

Bad news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,018 | -2,3435 | 0,019 | -2,2247            | 0,026 | -2,8714               | 0,004 | -2,5921            | 0,01  | -0,7698              | 0,441 | -1,2757         | 0,202 |
| (-1,1)      | -0,028 | -18,627 | 0     | -12,139            | 0     | -20,818               | 0     | -10,574            | 0     | -6,4422              | 0     | -9,3695         | 0     |
| (-5,5)      | -0,028 | -9,7864 | 0     | -9,1527            | 0     | -11,179               | 0     | -8,7245            | 0     | -3,6674              | 2E-04 | -7,1621         | 0     |
| (2,60)      | 0,0163 | 2,4637  | 0,014 | 2,4048             | 0,016 | 2,2125                | 0,027 | 2,1708             | 0,03  | 1,0057               | 0,315 | 2,7712          | 0,006 |
| (6,60)      | 0,017  | 2,6568  | 0,008 | 2,6503             | 0,008 | 2,6621                | 0,008 | 2,6088             | 0,009 | 1,2998               | 0,194 | 2,0967          | 0,036 |
| (-15,-2)    | -0,006 | -1,8954 | 0,058 | -2,2428            | 0,025 | -1,5956               | 0,111 | -1,7904            | 0,073 | -0,8761              | 0,381 | -0,6012         | 0,548 |
| (0)         | -0,026 | -29,902 | 0     | -13,295            | 0     | -34,426               | 0     | -12,016            | 0     | -11,425              | 0     | -11,7           | 0     |

No news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,027 | -3,2905 | 0,001 | -3,7917            | 1E-04 | -3,5454               | 4E-04 | -3,6178            | 3E-04 | -1,3448              | 0,179 | -3,1536         | 0,002 |
| (-1,1)      | -0,007 | -4,4605 | 0     | -2,4847            | 0,013 | -5,3807               | 0     | -2,4791            | 0,013 | -1,5134              | 0,13  | -1,576          | 0,115 |
| (-5,5)      | -0,01  | -3,2307 | 0,001 | -2,8943            | 0,004 | -3,7961               | 1E-04 | -2,7349            | 0,006 | -1,2818              | 0,2   | -2,4174         | 0,016 |
| (2,60)      | -0,015 | -2,0973 | 0,036 | -2,6136            | 0,009 | -2,0608               | 0,039 | -2,4073            | 0,016 | -1,1431              | 0,253 | -1,9967         | 0,046 |
| (6,60)      | -0,011 | -1,6411 | 0,101 | -2,0681            | 0,039 | -1,6779               | 0,093 | -1,981             | 0,048 | -0,8188              | 0,413 | -2,3122         | 0,021 |
| (-15,-2)    | -0,005 | -1,2964 | 0,195 | -1,5997            | 0,11  | -1,5392               | 0,124 | -1,8021            | 0,072 | -0,0861              | 0,931 | 0,4224          | 0,673 |
| (0)         | -0,006 | -6,331  | 0     | -2,5238            | 0,012 | -7,0375               | 0     | -2,2615            | 0,024 | -2,0121              | 0,044 | -0,5242         | 0,6   |

Sweden - Model 2 (SUE)

Good news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | 0,0182 | 2,7537  | 0,006 | 3,0348             | 0,002 | 3,6409                | 3E-04 | 3,5459             | 4E-04 | 2,2349               | 0,025 | 4,6516          | 0     |
| (-1,1)      | 0,0146 | 11,1059 | 0     | 7,5493             | 0     | 18,2687               | 0     | 9,0295             | 0     | 6,0416               | 0     | 7,147           | 0     |
| (-5,5)      | 0,0176 | 6,9769  | 0     | 6,4291             | 0     | 11,0964               | 0     | 8,0321             | 0     | 4,0738               | 0     | 7,3594          | 0     |
| (2,60)      | -0,003 | -0,4426 | 0,658 | -0,531             | 0,595 | -0,9685               | 0,333 | -1,0474            | 0,295 | 0,2845               | 0,776 | 0,935           | 0,35  |
| (6,60)      | -0,001 | -0,2512 | 0,802 | -0,3157            | 0,752 | -0,9012               | 0,368 | -1,0046            | 0,315 | 0,5409               | 0,589 | 0,3509          | 0,726 |
| (-15,-2)    | 0,0062 | 2,1835  | 0,029 | 2,8516             | 0,004 | 2,0144                | 0,044 | 2,3298             | 0,02  | 1,8265               | 0,068 | 2,4216          | 0,016 |
| (0)         | 0,0119 | 15,6672 | 0     | 6,8608             | 0     | 26,453                | 0     | 8,9345             | 0     | 7,5518               | 0     | 7,9965          | 0     |

Bad news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,014 | -1,9204 | 0,055 | -1,8678            | 0,062 | -2,285                | 0,022 | -2,0568            | 0,04  | -0,4903              | 0,624 | -0,8633         | 0,388 |
| (-1,1)      | -0,025 | -16,765 | 0     | -10,966            | 0     | -17,743               | 0     | -8,8631            | 0     | -5,9776              | 0     | -7,9191         | 0     |
| (-5,5)      | -0,023 | -8,022  | 0     | -7,6142            | 0     | -8,5449               | 0     | -6,6511            | 0     | -2,8038              | 0,005 | -5,4675         | 0     |
| (2,60)      | 0,0157 | 2,3935  | 0,017 | 2,385              | 0,017 | 2,2902                | 0,022 | 2,2384             | 0,025 | 1,1265               | 0,26  | 3,2027          | 0,001 |
| (6,60)      | 0,0154 | 2,4333  | 0,015 | 2,4835             | 0,013 | 2,5383                | 0,011 | 2,4846             | 0,013 | 1,3028               | 0,193 | 2,246           | 0,025 |
| (-15,-2)    | -0,005 | -1,6271 | 0,104 | -2,0832            | 0,037 | -1,8118               | 0,07  | -2,106             | 0,035 | -0,6877              | 0,492 | -0,7437         | 0,457 |
| (0)         | -0,023 | -26,503 | 0     | -11,792            | 0     | -30,058               | 0     | -10,416            | 0     | -10,706              | 0     | -9,8325         | 0     |

No news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,035 | -4,08   | 0     | -3,8596            | 1E-04 | -4,5767               | 0     | -4,4929            | 0     | -2,2177              | 0,027 | -4,2505         | 0     |
| (-1,1)      | -0,004 | -2,3781 | 0,017 | -1,3778            | 0,168 | -3,3666               | 8E-04 | -1,5983            | 0,11  | -0,6626              | 0,508 | -0,5932         | 0,553 |
| (-5,5)      | -0,011 | -3,2987 | 0,001 | -2,9238            | 0,004 | -3,7888               | 2E-04 | -2,7604            | 0,006 | -1,5366              | 0,124 | -1,9517         | 0,051 |
| (2,60)      | -0,026 | -3,4947 | 5E-04 | -3,4087            | 7E-04 | -3,8395               | 1E-04 | -4,2949            | 0     | -2,6765              | 0,007 | -4,2505         | 0     |
| (6,60)      | -0,021 | -2,9512 | 0,003 | -2,8969            | 0,004 | -3,2738               | 0,001 | -3,6568            | 3E-04 | -2,0367              | 0,042 | -3,2056         | 0,001 |
| (-15,-2)    | -0,005 | -1,2312 | 0,218 | -1,3396            | 0,18  | -1,2228               | 0,221 | -1,3241            | 0,186 | 0,6342               | 0,526 | 1,8101          | 0,07  |
| (0)         | -0,004 | -3,9449 | 1E-04 | -1,6887            | 0,091 | -4,3612               | 0     | -1,4736            | 0,141 | -1,1657              | 0,244 | -0,4887         | 0,625 |

Sweden - Model 5 (SUE)

Good news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | 0,0282 | 4,0448  | 1E-04 | 4,3895             | 0     | 5,4426                | 0     | 5,4219             | 0     | 2,7785               | 0,006 | 5,6325          | 0     |
| (-1,1)      | 0,0147 | 10,6256 | 0     | 7,2314             | 0     | 17,889                | 0     | 8,9128             | 0     | 6,0129               | 0     | 6,8507          | 0     |
| (-5,5)      | 0,0183 | 6,921   | 0     | 6,3897             | 0     | 11,287                | 0     | 8,2679             | 0     | 4,2273               | 0     | 7,5706          | 0     |
| (2,60)      | 0,0058 | 0,9466  | 0,344 | 1,0959             | 0,273 | 0,9696                | 0,332 | 1,0609             | 0,289 | 1,0236               | 0,306 | 2,033           | 0,042 |
| (6,60)      | 0,0069 | 1,1683  | 0,243 | 1,4314             | 0,152 | 0,9715                | 0,331 | 1,0931             | 0,274 | 1,1712               | 0,242 | 1,59            | 0,112 |
| (-15,-2)    | 0,0077 | 2,5622  | 0,01  | 3,6544             | 3E-04 | 2,4093                | 0,016 | 2,9514             | 0,003 | 1,5891               | 0,112 | 2,5314          | 0,011 |
| (0)         | 0,012  | 15,0116 | 0     | 6,5611             | 0     | 26,074                | 0     | 8,9648             | 0     | 7,5019               | 0     | 7,7367          | 0     |

Bad news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,026 | -3,4999 | 5E-04 | -3,5355            | 4E-04 | -4,7969               | 0     | -4,3788            | 0     | -1,6662              | 0,096 | -2,8997         | 0,004 |
| (-1,1)      | -0,025 | -16,969 | 0     | -11,124            | 0     | -18,924               | 0     | -9,5072            | 0     | -6,4034              | 0     | -8,3478         | 0     |
| (-5,5)      | -0,024 | -8,5293 | 0     | -8,4296            | 0     | -9,8454               | 0     | -7,812             | 0     | -3,4955              | 5E-04 | -6,7134         | 0     |
| (2,60)      | 0,0049 | 0,743   | 0,458 | 0,7603             | 0,447 | -0,2142               | 0,83  | -0,2101            | 0,834 | -0,156               | 0,876 | 0,9746          | 0,33  |
| (6,60)      | 0,0052 | 0,8078  | 0,419 | 0,838              | 0,402 | 0,1379                | 0,89  | 0,1353             | 0,892 | 0,1616               | 0,872 | -0,115          | 0,908 |
| (-15,-2)    | -0,006 | -1,8245 | 0,068 | -2,4054            | 0,016 | -1,9767               | 0,048 | -2,3808            | 0,017 | -0,5977              | 0,55  | -0,9625         | 0,336 |
| (0)         | -0,023 | -26,713 | 0     | -11,718            | 0     | -31,263               | 0     | -10,71             | 0     | -10,741              | 0     | -9,6796         | 0     |

No news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,021 | -2,5707 | 0,01  | -2,5182            | 0,012 | -2,6414               | 0,008 | -2,5007            | 0,012 | -0,8023              | 0,422 | -2,2814         | 0,023 |
| (-1,1)      | 0,001  | 0,6087  | 0,543 | 0,3262             | 0,744 | 0,3449                | 0,73  | 0,1546             | 0,877 | 1,0896               | 0,276 | 1,5509          | 0,121 |
| (-5,5)      | -0,003 | -0,9275 | 0,354 | -0,7388            | 0,46  | -1,0396               | 0,299 | -0,7153            | 0,474 | -0,1224              | 0,903 | -0,0627         | 0,95  |
| (2,60)      | -0,021 | -3,0431 | 0,002 | -3,2222            | 0,001 | -2,8478               | 0,004 | -3,0429            | 0,002 | -1,6633              | 0,096 | -2,3822         | 0,017 |
| (6,60)      | -0,017 | -2,4841 | 0,013 | -2,6692            | 0,008 | -2,3023               | 0,021 | -2,4996            | 0,012 | -1,0352              | 0,301 | -1,6763         | 0,094 |
| (-15,-2)    | -1E-04 | -0,0242 | 0,981 | -0,0296            | 0,976 | -0,4678               | 0,64  | -0,5268            | 0,598 | 1,041                | 0,298 | 1,1475          | 0,251 |
| (0)         | -2E-04 | -0,2678 | 0,789 | -0,1093            | 0,913 | -0,2997               | 0,764 | -0,0959            | 0,924 | 0,0923               | 0,927 | 0,5424          | 0,588 |

### Nordic - Model 5 (UE)

#### Good news

| Day | AAR     | t       | p      | t <sub>cross</sub> | p      | t <sub>residual</sub> | p      | t <sub>cross</sub> | p      | t <sub>corrado</sub> | p      | t <sub>GS</sub> | p      |
|-----|---------|---------|--------|--------------------|--------|-----------------------|--------|--------------------|--------|----------------------|--------|-----------------|--------|
| -3  | 0,0011  | 1,8166  | 0,0693 | 1,9414             | 0,0522 | 2,3776                | 0,0174 | 2,3635             | 0,0181 | 1,7991               | 0,072  | 3,3442          | 0,0008 |
| -2  | 0,0016  | 2,6747  | 0,0075 | 3,1722             | 0,0015 | 3,2565                | 0,0011 | 3,2164             | 0,0013 | 1,6761               | 0,0937 | 2,6635          | 0,0077 |
| -1  | 0,0045  | 7,5375  | 0      | 6,4161             | 0      | 9,6338                | 0      | 8,5341             | 0      | 6,0032               | 0      | 8,933           | 0      |
| 0   | 0,0074  | 12,519  | 0      | 5,9965             | 0      | 25,2129               | 0      | 9,4865             | 0      | 6,6947               | 0      | 7,5             | 0      |
| 1   | -0,0009 | -1,4407 | 0,1497 | -1,1962            | 0,2316 | -0,4193               | 0,675  | -0,2842            | 0,7762 | -1,9327              | 0,0533 | -1,9222         | 0,0546 |
| 2   | -0,0007 | -1,1539 | 0,2485 | -1,2449            | 0,2132 | -1,3016               | 0,1931 | -1,1821            | 0,2372 | -1,0716              | 0,2839 | -1,0265         | 0,3046 |
| 3   | 0,0003  | 0,4305  | 0,6668 | 0,4618             | 0,6442 | 1,4995                | 0,1338 | 1,4615             | 0,1439 | 0,2167               | 0,8284 | 0,6931          | 0,4882 |

#### Bad news

| Day | AAR     | t        | p      | t <sub>cross</sub> | p      | t <sub>residual</sub> | p      | t <sub>cross</sub> | p      | t <sub>corrado</sub> | p      | t <sub>GS</sub> | p      |
|-----|---------|----------|--------|--------------------|--------|-----------------------|--------|--------------------|--------|----------------------|--------|-----------------|--------|
| -3  | 0,0011  | 1,9184   | 0,0551 | 1,8779             | 0,0604 | 2,134                 | 0,0328 | 2,1021             | 0,0355 | 1,0359               | 0,3002 | 1,7332          | 0,0831 |
| -2  | -0,0007 | -1,2743  | 0,2025 | -1,1699            | 0,2421 | -0,8354               | 0,4035 | -0,8057            | 0,4204 | -0,3827              | 0,7019 | -0,2793         | 0,78   |
| -1  | 0,0035  | 5,99     | 0      | 5,5886             | 0      | 6,2785                | 0      | 5,7457             | 0      | 3,6583               | 0,0003 | 4,7893          | 0      |
| 0   | -0,019  | -32,6705 | 0      | -15,8684           | 0      | -40,6677              | 0      | -15,0157           | 0      | -11,3957             | 0      | -12,3918        | 0      |
| 1   | -0,0044 | -7,4911  | 0      | -6,1593            | 0      | -7,9279               | 0      | -5,4091            | 0      | -3,4235              | 0,0006 | -4,2671         | 0      |
| 2   | -0,0013 | -2,2011  | 0,0277 | -1,9434            | 0,052  | -3,4244               | 0,0006 | -2,9916            | 0,0028 | -1,9332              | 0,0532 | -1,7328         | 0,0831 |
| 3   | 0,0003  | 0,5805   | 0,5615 | 0,5872             | 0,5571 | 0,6213                | 0,5344 | 0,5902             | 0,5551 | 0,2628               | 0,7927 | 0,6524          | 0,5141 |

#### No news

| Day | AAR     | t       | p      | t <sub>cross</sub> | p      | t <sub>residual</sub> | p      | t <sub>cross</sub> | p      | t <sub>corrado</sub> | p      | t <sub>GS</sub> | p      |
|-----|---------|---------|--------|--------------------|--------|-----------------------|--------|--------------------|--------|----------------------|--------|-----------------|--------|
| -3  | 0,0012  | 1,7832  | 0,0746 | 1,8848             | 0,0595 | 2,1392                | 0,0324 | 2,1139             | 0,0345 | 1,9794               | 0,0478 | 1,818           | 0,0691 |
| -2  | 0,0013  | 1,8521  | 0,064  | 1,8553             | 0,0636 | 2,0733                | 0,0381 | 1,9961             | 0,0459 | 2,5535               | 0,0107 | 2,1992          | 0,0279 |
| -1  | 0,0022  | 3,1397  | 0,0017 | 3,581              | 0,0003 | 3,5013                | 0,0005 | 3,4037             | 0,0007 | 3,0855               | 0,002  | 2,8344          | 0,0046 |
| 0   | 0,0001  | 0,2003  | 0,8412 | 0,0933             | 0,9257 | 2,691                 | 0,0071 | 0,9562             | 0,339  | 0,7152               | 0,4745 | 0,8651          | 0,387  |
| 1   | -0,0012 | -1,768  | 0,0771 | -1,479             | 0,1391 | -1,5332               | 0,1252 | -1,0659            | 0,2865 | -1,0109              | 0,312  | -0,0243         | 0,9806 |
| 2   | -0,001  | -1,3823 | 0,1669 | -1,272             | 0,2034 | -1,7021               | 0,0887 | -1,352             | 0,1764 | -2,112               | 0,0347 | -2,3748         | 0,0176 |
| 3   | -0,0004 | -0,6058 | 0,5447 | -0,634             | 0,5261 | -0,1707               | 0,8645 | -0,1686            | 0,8661 | 0,0866               | 0,931  | 0,4204          | 0,6742 |

### Denmark - Model 5 (UE)

#### Good news

| Day | AAR    | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-----|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| -3  | -2E-04 | -0,1391 | 0,889 | -0,1928            | 0,847 | -0,5489               | 0,583 | -0,5488            | 0,583 | -0,0501              | 0,96  | 0,4429          | 0,658 |
| -2  | 0,0027 | 1,6027  | 0,109 | 1,8322             | 0,067 | 2,2152                | 0,027 | 2,1157             | 0,034 | 1,6291               | 0,103 | 1,4927          | 0,136 |
| -1  | 0,0069 | 4,1116  | 0     | 2,9682             | 0,003 | 3,6553                | 3E-04 | 3,2883             | 0,001 | 2,758                | 0,006 | 2,7524          | 0,006 |
| 0   | 0,0056 | 3,3302  | 9E-04 | 2,2461             | 0,025 | 7,0374                | 0     | 3,2554             | 0,001 | 3,0815               | 0,002 | 2,6474          | 0,008 |
| 1   | 0      | 0,0028  | 0,998 | 0,0027             | 0,998 | 2,0327                | 0,042 | 1,4529             | 0,146 | 1,0697               | 0,285 | 1,4927          | 0,136 |
| 2   | -5E-04 | -0,2727 | 0,785 | -0,3093            | 0,757 | -0,1933               | 0,847 | -0,1766            | 0,86  | 0,0698               | 0,944 | 0,7578          | 0,449 |
| 3   | -0,002 | -1,2722 | 0,203 | -1,4248            | 0,154 | -1,4513               | 0,147 | -1,3581            | 0,174 | -1,0016              | 0,317 | -0,082          | 0,935 |

#### Bad news

| Day | AAR    | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-----|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| -3  | 0      | 0,0196  | 0,984 | 0,0243             | 0,981 | -0,6437               | 0,52  | -0,7199            | 0,472 | -0,1516              | 0,88  | 1,1608          | 0,246 |
| -2  | 0,0023 | 1,4146  | 0,157 | 1,3169             | 0,188 | 0,8201                | 0,412 | 0,838              | 0,402 | 0,8889               | 0,374 | 1,3663          | 0,172 |
| -1  | 0,0011 | 0,671   | 0,502 | 0,6749             | 0,5   | 1,3998                | 0,162 | 1,27               | 0,204 | 1,8424               | 0,065 | 2,2909          | 0,022 |
| 0   | -0,009 | -5,574  | 0     | -2,7454            | 0,006 | -7,2479               | 0     | -2,5421            | 0,011 | -2,843               | 0,005 | -1,9213         | 0,055 |
| 1   | -0,007 | -4,5081 | 0     | -3,5804            | 3E-04 | -4,0736               | 0     | -2,5884            | 0,01  | -2,8537              | 0,004 | -1,8186         | 0,069 |
| 2   | -0,004 | -2,5207 | 0,012 | -2,5506            | 0,011 | -2,5632               | 0,01  | -2,3455            | 0,019 | -2,107               | 0,035 | -1,2022         | 0,229 |
| 3   | 0,0009 | 0,5494  | 0,583 | 0,5362             | 0,592 | 0,6577                | 0,511 | 0,5895             | 0,556 | 0,0731               | 0,942 | 0,0307          | 0,976 |

#### No news

| Day | AAR    | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-----|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| -3  | -0,002 | -1,3174 | 0,188 | -1,3055            | 0,192 | -1,6662               | 0,096 | -1,7251            | 0,085 | -2,1075              | 0,035 | -1,8227         | 0,068 |
| -2  | 0,0003 | 0,157   | 0,875 | 0,1314             | 0,896 | 0,383                 | 0,702 | 0,2899             | 0,772 | 1,2904               | 0,197 | 1,6935          | 0,09  |
| -1  | -0,002 | -0,8971 | 0,37  | -0,9743            | 0,33  | -1,0808               | 0,28  | -1,1427            | 0,253 | -0,6778              | 0,498 | 0,1308          | 0,896 |
| 0   | 0,0054 | 3,1938  | 0,001 | 1,1812             | 0,238 | 1,9846                | 0,047 | 0,6481             | 0,517 | 1,3536               | 0,176 | 0,5214          | 0,602 |
| 1   | -0,002 | -0,9476 | 0,343 | -0,6753            | 0,5   | -0,1296               | 0,897 | -0,0961            | 0,924 | 0,0853               | 0,932 | 0,1308          | 0,896 |
| 2   | 0,0002 | 0,1217  | 0,903 | 0,1093             | 0,913 | 0,4055                | 0,685 | 0,3426             | 0,732 | 0,4395               | 0,66  | 0,3261          | 0,744 |
| 3   | 0,002  | 1,1653  | 0,244 | 1,3193             | 0,187 | 1,412                 | 0,158 | 1,2952             | 0,195 | 1,0489               | 0,294 | 1,1075          | 0,268 |

Finland - Model 5 (UE)

Good news

| Day | AAR    | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-----|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| -3  | 0,0021 | 2,2762  | 0,023 | 2,4677      | 0,014 | 2,6744         | 0,008 | 2,489       | 0,013 | 2,2681        | 0,023 | 2,7374   | 0,006 |
| -2  | 0,0017 | 1,7953  | 0,073 | 1,8094      | 0,07  | 2,3462         | 0,019 | 2,1439      | 0,032 | 1,368         | 0,171 | 2,1155   | 0,034 |
| -1  | 0,0038 | 3,9838  | 1E-04 | 3,9176      | 1E-04 | 4,5789         | 0     | 3,8364      | 1E-04 | 3,342         | 8E-04 | 2,9706   | 0,003 |
| 0   | 0,0056 | 5,9939  | 0     | 2,6638      | 0,008 | 9,2319         | 0     | 3,1979      | 0,001 | 3,3647        | 8E-04 | 3,126    | 0,002 |
| 1   | 0,0004 | 0,3813  | 0,703 | 0,3048      | 0,761 | 1,7311         | 0,083 | 1,1731      | 0,241 | 0,1343        | 0,893 | -0,061   | 0,951 |
| 2   | -0,002 | -1,8316 | 0,067 | -1,862      | 0,063 | -1,6199        | 0,105 | -1,4181     | 0,156 | -1,3795       | 0,168 | -1,0715  | 0,284 |
| 3   | 0,0011 | 1,1242  | 0,261 | 1,1427      | 0,253 | 1,1468         | 0,252 | 1,0608      | 0,289 | -0,1188       | 0,906 | -0,3719  | 0,71  |

Bad news

| Day | AAR    | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-----|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| -3  | 0,0021 | 2,2762  | 0,023 | 2,4677      | 0,014 | 2,6744         | 0,008 | 2,489       | 0,013 | 2,2681        | 0,023 | 2,7374   | 0,006 |
| -2  | 0,0017 | 1,7953  | 0,073 | 1,8094      | 0,07  | 2,3462         | 0,019 | 2,1439      | 0,032 | 1,368         | 0,171 | 2,1155   | 0,034 |
| -1  | 0,0038 | 3,9838  | 1E-04 | 3,9176      | 1E-04 | 4,5789         | 0     | 3,8364      | 1E-04 | 3,342         | 8E-04 | 2,9706   | 0,003 |
| 0   | 0,0056 | 5,9939  | 0     | 2,6638      | 0,008 | 9,2319         | 0     | 3,1979      | 0,001 | 3,3647        | 8E-04 | 3,126    | 0,002 |
| 1   | 0,0004 | 0,3813  | 0,703 | 0,3048      | 0,761 | 1,7311         | 0,083 | 1,1731      | 0,241 | 0,1343        | 0,893 | -0,061   | 0,951 |
| 2   | -0,002 | -1,8316 | 0,067 | -1,862      | 0,063 | -1,6199        | 0,105 | -1,4181     | 0,156 | -1,3795       | 0,168 | -1,0715  | 0,284 |
| 3   | 0,0011 | 1,1242  | 0,261 | 1,1427      | 0,253 | 1,1468         | 0,252 | 1,0608      | 0,289 | -0,1188       | 0,906 | -0,3719  | 0,71  |

No news

| Day | AAR    | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-----|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| -3  | 0,003  | 2,4241  | 0,015 | 2,5191      | 0,012 | 3,4397         | 6E-04 | 3,0388      | 0,002 | 2,598         | 0,009 | 1,3294   | 0,184 |
| -2  | 0,001  | 0,8139  | 0,416 | 0,8969      | 0,37  | 0,7436         | 0,457 | 0,7504      | 0,453 | 1,0799        | 0,28  | 0,98     | 0,327 |
| -1  | 0,0022 | 1,8165  | 0,069 | 2,1705      | 0,03  | 1,9903         | 0,047 | 2,0858      | 0,037 | 1,7024        | 0,089 | 1,3294   | 0,184 |
| 0   | -0,004 | -3,0301 | 0,002 | -1,3814     | 0,167 | -1,2792        | 0,201 | -0,4539     | 0,65  | -1,8428       | 0,065 | -1,3493  | 0,177 |
| 1   | -3E-04 | -0,2154 | 0,829 | -0,2        | 0,841 | 0,5953         | 0,552 | 0,4373      | 0,662 | 0,0586        | 0,953 | 0,6306   | 0,528 |
| 2   | 0,0003 | 0,2329  | 0,816 | 0,2684      | 0,788 | -0,521         | 0,602 | -0,5016     | 0,616 | -0,692        | 0,489 | -0,3011  | 0,763 |
| 3   | -6E-04 | -0,5055 | 0,613 | -0,5276     | 0,598 | 0,3699         | 0,711 | 0,3709      | 0,711 | 0,3978        | 0,691 | 0,98     | 0,327 |

Norway - Model 5 (UE)

Good news

| Day | AAR    | t      | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-----|--------|--------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| -3  | 0,0016 | 1,0746 | 0,283 | 1,0888      | 0,276 | 1,6483         | 0,099 | 1,634       | 0,102 | 1,8255        | 0,068 | 1,7323   | 0,083 |
| -2  | 0,0021 | 1,4555 | 0,146 | 1,7845      | 0,074 | 1,6561         | 0,098 | 1,709       | 0,087 | 1,5415        | 0,123 | 1,3903   | 0,164 |
| -1  | 0,0023 | 1,5911 | 0,112 | 1,3         | 0,194 | 1,709          | 0,087 | 1,5009      | 0,133 | 1,8663        | 0,062 | 1,5271   | 0,127 |
| 0   | 0,0037 | 2,556  | 0,011 | 1,2733      | 0,203 | 6,4519         | 0     | 3,0249      | 0,003 | 3,2481        | 0,001 | 2,8951   | 0,004 |
| 1   | 0,0002 | 0,1122 | 0,911 | 0,0891      | 0,929 | 0,1512         | 0,88  | 0,0994      | 0,921 | -1,3621       | 0,173 | -1,0037  | 0,316 |
| 2   | 0,0004 | 0,2877 | 0,774 | 0,3497      | 0,727 | 1,1173         | 0,264 | 1,0448      | 0,296 | 0,3218        | 0,748 | -0,3197  | 0,749 |
| 3   | 0,0014 | 0,9445 | 0,345 | 1,0364      | 0,3   | 1,4374         | 0,151 | 1,4413      | 0,15  | 0,503         | 0,615 | 0,3643   | 0,716 |

Bad news

| Day | AAR    | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-----|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| -3  | 0,0031 | 2,4318  | 0,015 | 1,9657      | 0,049 | 2,541          | 0,011 | 2,2429      | 0,025 | 1,7971        | 0,072 | 1,7738   | 0,076 |
| -2  | -0,004 | -3,223  | 0,001 | -2,784      | 0,005 | -3,0353        | 0,002 | -2,5957     | 0,009 | -1,9831       | 0,047 | -2,3865  | 0,017 |
| -1  | 0,0062 | 4,8206  | 0     | 4,4165      | 0     | 4,4041         | 0     | 4,0458      | 1E-04 | 3,6621        | 3E-04 | 3,6459   | 3E-04 |
| 0   | -0,019 | -14,507 | 0     | -7,9772     | 0     | -18,209        | 0     | -7,8392     | 0     | -7,8546       | 0     | -6,6855  | 0     |
| 1   | -0,005 | -3,6723 | 2E-04 | -3,058      | 0,002 | -4,8038        | 0     | -3,3289     | 9E-04 | -2,1033       | 0,035 | -2,0398  | 0,041 |
| 2   | -9E-04 | -0,6621 | 0,508 | -0,5965     | 0,551 | -1,2831        | 0,2   | -1,0924     | 0,275 | -1,7027       | 0,089 | -0,5837  | 0,559 |
| 3   | 0,0005 | 0,4144  | 0,679 | 0,4211      | 0,674 | 0,3296         | 0,742 | 0,303       | 0,762 | 0,2986        | 0,765 | 0,387    | 0,699 |

No news

| Day | AAR    | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-----|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| -3  | 0,0015 | 0,5513  | 0,581 | 0,6382      | 0,523 | 0,3619         | 0,717 | 0,4001      | 0,689 | -0,0564       | 0,955 | -0,0462  | 0,963 |
| -2  | 0,0005 | 0,194   | 0,846 | 0,1867      | 0,852 | 0,0515         | 0,959 | 0,0509      | 0,959 | 0,3151        | 0,753 | 0,534    | 0,593 |
| -1  | 0,0039 | 1,4023  | 0,161 | 1,7891      | 0,074 | 1,7229         | 0,085 | 1,6644      | 0,096 | 0,9936        | 0,32  | -0,6264  | 0,531 |
| 0   | -0,007 | -2,4776 | 0,013 | -1,224      | 0,221 | -0,5151        | 0,607 | -0,1891     | 0,85  | -0,5193       | 0,604 | 0,534    | 0,593 |
| 1   | -0,004 | -1,5976 | 0,11  | -1,3952     | 0,163 | -2,7223        | 0,007 | -1,8966     | 0,058 | -1,8687       | 0,062 | -1,0132  | 0,311 |
| 2   | -0,004 | -1,5934 | 0,111 | -1,4243     | 0,154 | -1,4696        | 0,142 | -1,2856     | 0,199 | -0,6385       | 0,523 | 0,3406   | 0,733 |
| 3   | 0,0023 | 0,8463  | 0,397 | 0,8445      | 0,398 | 1,4171         | 0,157 | 1,2912      | 0,197 | 1,3792        | 0,168 | 0,7274   | 0,467 |

Sweden - Model 5 (UE)

Good news

| Day | AAR    | t       | p     | t <sub>cross</sub> | p     | t <sub>sresidual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-----|--------|---------|-------|--------------------|-------|------------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| -3  | 0,0009 | 1,0367  | 0,3   | 1,1327             | 0,257 | 1,2703                 | 0,204 | 1,3318             | 0,183 | 1,2615               | 0,207 | 1,7676          | 0,077 |
| -2  | 0,0012 | 1,4569  | 0,145 | 1,8406             | 0,066 | 1,4878                 | 0,137 | 1,5116             | 0,131 | 1,2238               | 0,221 | 2,1659          | 0,03  |
| -1  | 0,0053 | 6,4925  | 0     | 6,1005             | 0     | 8,1515                 | 0     | 7,522              | 0     | 6,015                | 0     | 7,6849          | 0     |
| 0   | 0,0113 | 13,7636 | 0     | 5,9105             | 0     | 24,0139                | 0     | 8,0532             | 0     | 6,5662               | 0     | 6,6038          | 0     |
| 1   | -0,003 | -3,1597 | 0,002 | -2,7179            | 0,007 | -3,4584                | 5E-04 | -2,3351            | 0,02  | -3,1512              | 0,002 | -2,6703         | 0,008 |
| 2   | -0,001 | -1,7304 | 0,084 | -1,6497            | 0,099 | -2,3688                | 0,018 | -2,1569            | 0,031 | -1,9763              | 0,048 | -1,5892         | 0,112 |
| 3   | -5E-04 | -0,5621 | 0,574 | -0,5979            | 0,55  | 1,0082                 | 0,313 | 1,0053             | 0,315 | 0,3986               | 0,69  | 0,8573          | 0,391 |

Bad news

| Day | AAR    | t       | p     | t <sub>cross</sub> | p     | t <sub>sresidual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-----|--------|---------|-------|--------------------|-------|------------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| -3  | 0,0011 | 1,2333  | 0,217 | 1,5182             | 0,129 | 2,5155                 | 0,012 | 2,7459             | 0,006 | 1,4618               | 0,144 | 1,9605          | 0,05  |
| -2  | 0,0006 | 0,6702  | 0,503 | 0,755              | 0,45  | 0,0163                 | 0,987 | 0,017              | 0,986 | 0,0916               | 0,927 | 0,366           | 0,714 |
| -1  | 0,0024 | 2,7994  | 0,005 | 2,8692             | 0,004 | 4,0238                 | 1E-04 | 3,886              | 1E-04 | 2,8795               | 0,004 | 2,8191          | 0,005 |
| 0   | -0,023 | -26,734 | 0     | -11,574            | 0     | -31,444                | 0     | -10,571            | 0     | -10,196              | 0     | -9,4463         | 0     |
| 1   | -0,005 | -6,0399 | 0     | -4,9173            | 0     | -6,2208                | 0     | -4,1727            | 0     | -3,3051              | 9E-04 | -3,9269         | 1E-04 |
| 2   | -7E-04 | -0,8606 | 0,389 | -0,7054            | 0,481 | -1,7723                | 0,076 | -1,5814            | 0,114 | -0,9094              | 0,363 | -0,7379         | 0,461 |
| 3   | 0,0001 | 0,0846  | 0,933 | 0,089              | 0,929 | -0,1492                | 0,881 | -0,1392            | 0,889 | -0,3396              | 0,734 | 0,3047          | 0,761 |

No news

| Day | AAR    | t       | p     | t <sub>cross</sub> | p     | t <sub>sresidual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-----|--------|---------|-------|--------------------|-------|------------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| -3  | 0,0009 | 0,9334  | 0,351 | 0,9934             | 0,321 | 0,9209                 | 0,357 | 0,9793             | 0,327 | 1,5396               | 0,124 | 2,9241          | 0,004 |
| -2  | 0,0018 | 1,9161  | 0,055 | 1,9069             | 0,057 | 2,3309                 | 0,02  | 2,2968             | 0,022 | 2,8166               | 0,005 | 3,5604          | 4E-04 |
| -1  | 0,0023 | 2,464   | 0,014 | 2,6263             | 0,009 | 3,0502                 | 0,002 | 2,7745             | 0,006 | 2,708                | 0,007 | 2,8332          | 0,005 |
| 0   | 0,0027 | 2,8224  | 0,005 | 1,3659             | 0,172 | 3,9218                 | 1E-04 | 1,3967             | 0,163 | 1,8822               | 0,06  | 2,106           | 0,035 |
| 1   | -7E-04 | -0,7588 | 0,448 | -0,6072            | 0,544 | -1,0795                | 0,28  | -0,7091            | 0,478 | -0,9477              | 0,343 | 0,0152          | 0,988 |
| 2   | -0,001 | -1,068  | 0,286 | -0,9038            | 0,366 | -1,0869                | 0,277 | -0,7763            | 0,438 | -1,9419              | 0,052 | -2,3483         | 0,019 |
| 3   | -0,002 | -1,6591 | 0,097 | -1,7704            | 0,077 | -1,7706                | 0,077 | -1,7899            | 0,074 | -1,3508              | 0,177 | -1,5301         | 0,126 |

Basic Materials - Model 5 (UE)

Good news

| Eventwindow | CAAR   | t       | p      | t <sub>cross</sub> | p      | t <sub>sresidual</sub> | p      | t <sub>cross</sub> | p      | t <sub>corrado</sub> | p      | t <sub>GS</sub> | p      |
|-------------|--------|---------|--------|--------------------|--------|------------------------|--------|--------------------|--------|----------------------|--------|-----------------|--------|
| (-15,60)    | 0,0246 | 0,9026  | 0,3667 | 0,8714             | 0,3835 | 0,4356                 | 0,6632 | 0,3354             | 0,7373 | 0,296                | 0,7672 | 0,9138          | 0,3608 |
| (-1,1)      | 0,0048 | 0,8769  | 0,3805 | 0,7954             | 0,4264 | 3,5115                 | 0,0004 | 1,8846             | 0,0595 | 1,4888               | 0,1365 | 1,3289          | 0,1839 |
| (-5,5)      | 0,0088 | 0,8514  | 0,3946 | 0,9138             | 0,3608 | 1,3266                 | 0,1846 | 1,0487             | 0,2943 | 0,4695               | 0,6387 | 0,9138          | 0,3608 |
| (2,60)      | 0,0109 | 0,4545  | 0,6494 | 0,4576             | 0,6472 | -0,5419                | 0,5879 | -0,4593            | 0,646  | -0,2378              | 0,812  | -0,0546         | 0,9565 |
| (6,60)      | 0,0063 | 0,2712  | 0,7862 | 0,2967             | 0,7667 | -0,52                  | 0,6031 | -0,444             | 0,657  | -0,1612              | 0,872  | 0,4988          | 0,6179 |
| (-15,-2)    | 0,009  | 0,764   | 0,4449 | 1,1914             | 0,2335 | 0,5017                 | 0,6159 | 0,5089             | 0,6108 | 0,4888               | 0,625  | 0,4988          | 0,6179 |
| (0)         | -0,002 | -0,6491 | 0,5163 | -0,4009            | 0,6885 | 3,093                  | 0,002  | 1,2293             | 0,219  | 0,7532               | 0,4513 | 0,6371          | 0,524  |

Bad news

| Eventwindow | CAAR    | t       | p      | t <sub>cross</sub> | p      | t <sub>sresidual</sub> | p      | t <sub>cross</sub> | p      | t <sub>corrado</sub> | p      | t <sub>GS</sub> | p      |
|-------------|---------|---------|--------|--------------------|--------|------------------------|--------|--------------------|--------|----------------------|--------|-----------------|--------|
| (-15,60)    | 0,004   | 0,2     | 0,8415 | 0,202              | 0,8399 | -1,2845                | 0,199  | -1,2265            | 0,22   | -0,6816              | 0,4955 | -1,6385         | 0,1013 |
| (-1,1)      | -0,0166 | -4,2148 | 0      | -2,669             | 0,0076 | -6,0983                | 0      | -3,0012            | 0,0027 | -2,1651              | 0,0304 | -2,0586         | 0,0395 |
| (-5,5)      | -0,0277 | -3,659  | 0,0003 | -2,8676            | 0,0041 | -4,3586                | 0      | -2,9686            | 0,003  | -2,2155              | 0,0267 | -2,7587         | 0,0058 |
| (2,60)      | 0,0287  | 1,641   | 0,1008 | 1,7026             | 0,0886 | 0,5971                 | 0,5505 | 0,6073             | 0,5436 | 0,413                | 0,6796 | 0,0418          | 0,9666 |
| (6,60)      | 0,033   | 1,9531  | 0,0508 | 1,9996             | 0,0455 | 0,751                  | 0,4526 | 0,7636             | 0,4451 | 0,5087               | 0,611  | 1,5822          | 0,1136 |
| (-15,-2)    | -0,0081 | -0,9516 | 0,3413 | -1,1778            | 0,2389 | -1,3954                | 0,1629 | -1,4324            | 0,152  | -1,4337              | 0,1517 | -0,3782         | 0,7052 |
| (0)         | -0,0175 | -7,6782 | 0      | -3,4111            | 0,0006 | -9,9417                | 0      | -3,5174            | 0,0004 | -3,7837              | 0,0002 | -2,1986         | 0,0279 |

No news

| Eventwindow | CAAR    | t       | p      | t <sub>cross</sub> | p      | t <sub>sresidual</sub> | p      | t <sub>cross</sub> | p      | t <sub>corrado</sub> | p      | t <sub>GS</sub> | p      |
|-------------|---------|---------|--------|--------------------|--------|------------------------|--------|--------------------|--------|----------------------|--------|-----------------|--------|
| (-15,60)    | -0,0466 | -1,5421 | 0,123  | -1,1643            | 0,2443 | -0,83                  | 0,4066 | -0,6705            | 0,5025 | -0,3594              | 0,7193 | 0,2108          | 0,833  |
| (-1,1)      | 0,0091  | 1,5095  | 0,1312 | 1,325              | 0,1852 | 2,9059                 | 0,0037 | 1,4974             | 0,1343 | 1,4222               | 0,155  | 1,2533          | 0,2101 |
| (-5,5)      | -0,0066 | -0,5735 | 0,5663 | -0,5047            | 0,6138 | 0,6306                 | 0,5283 | 0,4988             | 0,6179 | -0,2779              | 0,7811 | 0,2108          | 0,833  |
| (2,60)      | -0,0477 | -1,7914 | 0,0732 | -1,4127            | 0,1577 | -1,2923                | 0,1963 | -1,1489            | 0,2506 | -0,5633              | 0,5732 | -0,5711         | 0,5679 |
| (6,60)      | -0,0337 | -1,31   | 0,1902 | -1,2319            | 0,218  | -0,9894                | 0,3225 | -0,8764            | 0,3808 | -0,2378              | 0,812  | 0,2108          | 0,833  |
| (-15,-2)    | -0,008  | -0,6143 | 0,539  | -0,7921            | 0,4283 | -0,6261                | 0,5313 | -0,6468            | 0,5178 | -0,3393              | 0,7344 | 0,2108          | 0,833  |
| (0)         | 0,0088  | 2,5302  | 0,0114 | 1,3331             | 0,1825 | 4,9006                 | 0      | 1,6704             | 0,0948 | 1,9621               | 0,0498 | 1,2533          | 0,2101 |

Consumer Goods - Model 5 (UE)  
Good news

| Eventwindow | CAAR   | t      | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|--------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | 0,0273 | 2,5333 | 0,011 | 2,8246      | 0,005 | 2,8447         | 0,004 | 3,0036      | 0,003 | 1,796         | 0,073 | 2,2989   | 0,022 |
| (-1,1)      | 0,0169 | 7,9206 | 0     | 4,9431      | 0     | 11,0995        | 0     | 6,0479      | 0     | 6,0876        | 0     | 4,0644   | 0     |
| (-5,5)      | 0,0198 | 4,8445 | 0     | 4,5874      | 0     | 6,5896         | 0     | 5,228       | 0     | 3,2881        | 0,001 | 4,7914   | 0     |
| (2,60)      | 0,0037 | 0,3915 | 0,695 | 0,468       | 0,64  | 0,2685         | 0,788 | 0,3062      | 0,76  | 0,1331        | 0,894 | 0,5333   | 0,594 |
| (6,60)      | 0,0057 | 0,619  | 0,536 | 0,7349      | 0,462 | 0,3152         | 0,753 | 0,3654      | 0,715 | 0,547         | 0,584 | 1,6757   | 0,094 |
| (-15,-2)    | 0,0066 | 1,4323 | 0,152 | 1,9081      | 0,056 | 0,9387         | 0,348 | 1,1         | 0,271 | 1,0933        | 0,274 | 1,0526   | 0,293 |
| (0)         | 0,0097 | 7,8215 | 0     | 3,347       | 8E-04 | 11,1718        | 0     | 4,4194      | 0     | 4,5375        | 0     | 3,649    | 3E-04 |

Bad news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | -0,026 | -2,4065 | 0,016 | -1,926      | 0,054 | -2,6419        | 0,008 | -2,3349     | 0,02  | -0,5009       | 0,616 | -1,7472  | 0,081 |
| (-1,1)      | -0,016 | -7,6641 | 0     | -4,3134     | 0     | -7,973         | 0     | -4,002      | 1E-04 | -4,7121       | 0     | -3,8742  | 1E-04 |
| (-5,5)      | -0,012 | -3,0186 | 0,003 | -2,9024     | 0,004 | -2,956         | 0,003 | -2,3143     | 0,021 | -1,4611       | 0,144 | -2,2537  | 0,024 |
| (2,60)      | -0,002 | -0,196  | 0,845 | -0,1852     | 0,853 | -0,3887        | 0,698 | -0,3937     | 0,694 | 0,6854        | 0,493 | 0,6836   | 0,494 |
| (6,60)      | -0,003 | -0,3458 | 0,73  | -0,3146     | 0,753 | -0,4616        | 0,644 | -0,4581     | 0,647 | 0,7012        | 0,483 | 0,0759   | 0,94  |
| (-15,-2)    | -0,008 | -1,6566 | 0,098 | -1,4525     | 0,146 | -1,6666        | 0,096 | -1,7014     | 0,089 | -0,3928       | 0,695 | -0,937   | 0,349 |
| (0)         | -0,013 | -10,389 | 0     | -4,5537     | 0     | -11,012        | 0     | -3,8233     | 1E-04 | -5,134        | 0     | -3,3678  | 8E-04 |

No news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | 0,0025 | 0,1761  | 0,86  | 0,1893      | 0,85  | 0,433          | 0,665 | 0,4433      | 0,658 | -0,0286       | 0,977 | 0,0086   | 0,993 |
| (-1,1)      | 0,0063 | 2,2554  | 0,024 | 1,2837      | 0,199 | 2,1302         | 0,033 | 1,0928      | 0,275 | 1,3766        | 0,169 | 0,9845   | 0,325 |
| (-5,5)      | 0,0051 | 0,9511  | 0,342 | 0,7628      | 0,446 | 1,1468         | 0,252 | 0,9145      | 0,361 | 0,9554        | 0,339 | 0,3989   | 0,69  |
| (2,60)      | -0,008 | -0,6246 | 0,532 | -0,7549     | 0,45  | -0,536         | 0,592 | -0,5925     | 0,554 | -0,8237       | 0,41  | 0,0086   | 0,993 |
| (6,60)      | -0,005 | -0,3827 | 0,702 | -0,4616     | 0,644 | -0,3716        | 0,71  | -0,4146     | 0,679 | -0,6714       | 0,502 | 0,5941   | 0,552 |
| (-15,-2)    | 0,0039 | 0,6485  | 0,517 | 0,6655      | 0,506 | 1,1232         | 0,261 | 1,13        | 0,259 | 0,987         | 0,324 | 0,0086   | 0,993 |
| (0)         | 0,0015 | 0,9516  | 0,341 | 0,3687      | 0,712 | 0,5367         | 0,592 | 0,1827      | 0,855 | 0,0525        | 0,958 | -0,3818  | 0,703 |

Consumer Services - Model 5 (UE)

Good news

| Eventwindow | CAAR   | t      | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|--------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | 0,0271 | 1,669  | 0,095 | 1,7131      | 0,087 | 2,1877         | 0,029 | 1,889       | 0,059 | 1,7616        | 0,078 | 0,1224   | 0,903 |
| (-1,1)      | 0,014  | 4,3432 | 0     | 2,5472      | 0,011 | 6,8236         | 0     | 2,9227      | 0,004 | 3,3918        | 7E-04 | 3,8558   | 1E-04 |
| (-5,5)      | 0,022  | 3,5661 | 4E-04 | 3,11        | 0,002 | 5,6337         | 0     | 3,6425      | 3E-04 | 3,6021        | 3E-04 | 4,143    | 0     |
| (2,60)      | 0,0112 | 0,7815 | 0,435 | 1,02        | 0,308 | 0,6261         | 0,531 | 0,6452      | 0,519 | 0,8547        | 0,393 | 0,4096   | 0,682 |
| (6,60)      | 0,0116 | 0,8398 | 0,401 | 1,0648      | 0,287 | 0,4942         | 0,621 | 0,5095      | 0,61  | 0,8282        | 0,408 | 0,5532   | 0,58  |
| (-15,-2)    | 0,0019 | 0,2738 | 0,784 | 0,241       | 0,81  | 0,6532         | 0,514 | 0,6234      | 0,533 | 0,7797        | 0,436 | 1,5583   | 0,119 |
| (0)         | 0,0102 | 5,4807 | 0     | 2,1412      | 0,032 | 8,426          | 0     | 2,3893      | 0,017 | 3,839         | 1E-04 | 2,8507   | 0,004 |

Bad news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | -0,027 | -1,7963 | 0,072 | -1,5609     | 0,119 | -2,0031        | 0,045 | -1,6615     | 0,097 | -0,7768       | 0,437 | -0,6296  | 0,529 |
| (-1,1)      | -0,02  | -6,7664 | 0     | -3,429      | 6E-04 | -6,9786        | 0     | -3,5094     | 4E-04 | -4,1445       | 0     | -2,9985  | 0,003 |
| (-5,5)      | -0,016 | -2,7711 | 0,006 | -2,2076     | 0,027 | -3,5246        | 4E-04 | -2,6818     | 0,007 | -2,2828       | 0,022 | -2,023   | 0,043 |
| (2,60)      | -0,004 | -0,2846 | 0,776 | -0,2794     | 0,78  | -0,3551        | 0,723 | -0,3394     | 0,734 | 0,3495        | 0,727 | 0,7639   | 0,445 |
| (6,60)      | -0,004 | -0,2917 | 0,771 | -0,2971     | 0,766 | -0,2688        | 0,788 | -0,2606     | 0,794 | 0,6063        | 0,544 | -0,3509  | 0,726 |
| (-15,-2)    | -0,003 | -0,4689 | 0,639 | -0,6406     | 0,522 | -0,7076        | 0,479 | -0,9121     | 0,362 | -0,6087       | 0,543 | -0,4902  | 0,624 |
| (0)         | -0,016 | -9,2287 | 0     | -3,2019     | 0,001 | -9,9858        | 0     | -3,4133     | 6E-04 | -5,9664       | 0     | -3,6952  | 2E-04 |

No news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | 0,0025 | 0,1761  | 0,86  | 0,1893      | 0,85  | 0,433          | 0,665 | 0,4433      | 0,658 | -0,0286       | 0,977 | 0,0086   | 0,993 |
| (-1,1)      | 0,0063 | 2,2554  | 0,024 | 1,2837      | 0,199 | 2,1302         | 0,033 | 1,0928      | 0,275 | 1,3766        | 0,169 | 0,9845   | 0,325 |
| (-5,5)      | 0,0051 | 0,9511  | 0,342 | 0,7628      | 0,446 | 1,1468         | 0,252 | 0,9145      | 0,361 | 0,9554        | 0,339 | 0,3989   | 0,69  |
| (2,60)      | -0,008 | -0,6246 | 0,532 | -0,7549     | 0,45  | -0,536         | 0,592 | -0,5925     | 0,554 | -0,8237       | 0,41  | 0,0086   | 0,993 |
| (6,60)      | -0,005 | -0,3827 | 0,702 | -0,4616     | 0,644 | -0,3716        | 0,71  | -0,4146     | 0,679 | -0,6714       | 0,502 | 0,5941   | 0,552 |
| (-15,-2)    | 0,0039 | 0,6485  | 0,517 | 0,6655      | 0,506 | 1,1232         | 0,261 | 1,13        | 0,259 | 0,987         | 0,324 | 0,0086   | 0,993 |
| (0)         | 0,0015 | 0,9516  | 0,341 | 0,3687      | 0,712 | 0,5367         | 0,592 | 0,1827      | 0,855 | 0,0525        | 0,958 | -0,3818  | 0,703 |

**Health Care - Model 5 (UE)**

Good news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | 0,0046 | 0,2254  | 0,822 | 0,24        | 0,81  | -0,3778        | 0,706 | -0,346      | 0,729 | 0,4392        | 0,661 | 0,2387   | 0,811 |
| (-1,1)      | 0,0013 | 0,3137  | 0,754 | 0,2767      | 0,782 | 1,515          | 0,13  | 0,9614      | 0,336 | -0,0426       | 0,966 | 1,6569   | 0,098 |
| (-5,5)      | 0,0145 | 1,8808  | 0,06  | 1,7493      | 0,08  | 2,4922         | 0,013 | 1,8484      | 0,065 | 1,6056        | 0,108 | 2,0114   | 0,044 |
| (2,60)      | -0,007 | -0,3695 | 0,712 | -0,4291     | 0,668 | -1,1745        | 0,24  | -1,164      | 0,244 | 0,2928        | 0,77  | -1,1794  | 0,238 |
| (6,60)      | -0,008 | -0,4536 | 0,65  | -0,573      | 0,567 | -1,2985        | 0,194 | -1,3363     | 0,181 | 0,1           | 0,92  | -0,4704  | 0,638 |
| (-15,-2)    | 0,0099 | 1,1384  | 0,255 | 1,3814      | 0,167 | 0,8294         | 0,407 | 0,8284      | 0,407 | 0,4417        | 0,659 | -0,3522  | 0,725 |
| (0)         | 0,0028 | 1,2241  | 0,221 | 0,7576      | 0,449 | 3,2181         | 0,001 | 1,4431      | 0,149 | 0,936         | 0,349 | 1,066    | 0,286 |

Bad news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | -0,009 | -0,5449 | 0,586 | -0,4948     | 0,621 | -0,7984        | 0,425 | -0,6152     | 0,538 | -0,1685       | 0,866 | -0,1371  | 0,891 |
| (-1,1)      | -0,021 | -6,2359 | 0     | -4,6983     | 0     | -6,7487        | 0     | -3,7421     | 2E-04 | -4,2315       | 0     | -4,0728  | 0     |
| (-5,5)      | -0,018 | -2,7918 | 0,005 | -3,1017     | 0,002 | -3,1776        | 0,002 | -2,6585     | 0,008 | -2,073        | 0,038 | -1,5989  | 0,11  |
| (2,60)      | 0,0206 | 1,3846  | 0,166 | 1,3023      | 0,193 | 1,3117         | 0,19  | 1,0463      | 0,295 | 0,9555        | 0,339 | 2,1119   | 0,035 |
| (6,60)      | 0,018  | 1,2553  | 0,209 | 1,1586      | 0,247 | 1,2229         | 0,221 | 0,9476      | 0,343 | 0,9713        | 0,331 | 1,7746   | 0,076 |
| (-15,-2)    | -0,009 | -1,2255 | 0,22  | -1,3519     | 0,176 | -1,429         | 0,153 | -1,6461     | 0,1   | -0,3953       | 0,693 | -1,1491  | 0,251 |
| (0)         | -0,019 | -9,8679 | 0     | -5,3398     | 0     | -10,905        | 0     | -4,3555     | 0     | -6,9187       | 0     | -4,4102  | 0     |

No news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | -0,039 | -1,8019 | 0,072 | -1,175      | 0,24  | -1,3795        | 0,168 | -0,9785     | 0,328 | 0,2341        | 0,815 | -0,3475  | 0,728 |
| (-1,1)      | -0,009 | -2,1829 | 0,029 | -1,5848     | 0,113 | -1,7075        | 0,088 | -0,8887     | 0,374 | -0,2104       | 0,833 | 0,0508   | 0,96  |
| (-5,5)      | -0,005 | -0,5701 | 0,569 | -0,5213     | 0,602 | 0,1083         | 0,914 | 0,0728      | 0,942 | 0,4688        | 0,639 | 0,0508   | 0,96  |
| (2,60)      | -0,02  | -1,0555 | 0,291 | -0,6218     | 0,534 | -0,7432        | 0,457 | -0,5026     | 0,615 | 0,7702        | 0,441 | 0,6482   | 0,517 |
| (6,60)      | -0,019 | -1,0468 | 0,295 | -0,6021     | 0,547 | -0,9018        | 0,367 | -0,5933     | 0,553 | 0,737         | 0,461 | 0,6482   | 0,517 |
| (-15,-2)    | -0,009 | -1,0209 | 0,307 | -1,0985     | 0,272 | -0,8979        | 0,369 | -0,9514     | 0,341 | -0,9383       | 0,348 | 0,2499   | 0,803 |
| (0)         | -0,005 | -1,9739 | 0,048 | -0,9838     | 0,325 | -1,8867        | 0,059 | -0,6711     | 0,502 | -0,8692       | 0,385 | -0,5466  | 0,585 |

**Industrials - Model 5 (UE)**

Good news

| Eventwindow | CAAR   | t       | p      | $t_{cross}$ | p      | $t_{residual}$ | p      | $t_{cross}$ | p      | $t_{corrado}$ | p      | $t_{GS}$ | p      |
|-------------|--------|---------|--------|-------------|--------|----------------|--------|-------------|--------|---------------|--------|----------|--------|
| (-15,60)    | 0,03   | 4,0728  | 0      | 4,2099      | 0      | 5,4474         | 0      | 5,2787      | 0      | 2,8357        | 0,0046 | 4,2865   | 0      |
| (-1,1)      | 0,0111 | 7,5835  | 0      | 4,6149      | 0      | 13,0514        | 0      | 6,689       | 0      | 4,9275        | 0      | 5,7972   | 0      |
| (-5,5)      | 0,016  | 5,7193  | 0      | 4,9328      | 0      | 9,1746         | 0      | 6,6672      | 0      | 3,9683        | 0,0001 | 4,9256   | 0      |
| (2,60)      | 0,0121 | 1,865   | 0,0622 | 2,0744      | 0,038  | 1,984          | 0,0473 | 2,1218      | 0,0339 | 1,3216        | 0,1863 | 1,6718   | 0,0946 |
| (6,60)      | 0,0114 | 1,8244  | 0,0681 | 2,0547      | 0,0399 | 1,7836         | 0,0745 | 1,9408      | 0,0523 | 1,2615        | 0,2071 | 1,1489   | 0,2506 |
| (-15,-2)    | 0,0068 | 2,1503  | 0,0315 | 2,4964      | 0,0125 | 2,5776         | 0,01   | 3,0682      | 0,0022 | 1,6129        | 0,1068 | 1,9623   | 0,0497 |
| (0)         | 0,0086 | 10,1149 | 0      | 4,2601      | 0      | 17,2343        | 0      | 6,3121      | 0      | 5,5299        | 0      | 4,5189   | 0      |

Bad news

| Eventwindow | CAAR    | t        | p      | $t_{cross}$ | p      | $t_{residual}$ | p      | $t_{cross}$ | p      | $t_{corrado}$ | p      | $t_{GS}$ | p      |
|-------------|---------|----------|--------|-------------|--------|----------------|--------|-------------|--------|---------------|--------|----------|--------|
| (-15,60)    | -0,0167 | -1,8613  | 0,0627 | -2,0671     | 0,0387 | -4,6826        | 0      | -4,6537     | 0      | -1,8487       | 0,0645 | -4,7931  | 0      |
| (-1,1)      | -0,0215 | -12,0529 | 0      | -8,5788     | 0      | -15,3393       | 0      | -8,0964     | 0      | -5,1329       | 0      | -7,0269  | 0      |
| (-5,5)      | -0,0243 | -7,1164  | 0      | -7,6945     | 0      | -9,7912        | 0      | -8,1307     | 0      | -3,9721       | 0,0001 | -7,2822  | 0      |
| (2,60)      | 0,0014  | 0,1824   | 0,8553 | 0,2112      | 0,8327 | -1,9038        | 0,0569 | -1,9843     | 0,0472 | -1,505        | 0,1323 | -2,4955  | 0,0126 |
| (6,60)      | 0,004   | 0,5293   | 0,5966 | 0,6214      | 0,5344 | -1,3896        | 0,1647 | -1,4674     | 0,1423 | -0,9334       | 0,3506 | -1,6658  | 0,0958 |
| (-15,-2)    | 0,0033  | 0,8684   | 0,3852 | 1,1015      | 0,2707 | 0,0988         | 0,9213 | 0,1184      | 0,9057 | 1,1583        | 0,2467 | 0,3766   | 0,7065 |
| (0)         | -0,0216 | -20,9777 | 0      | -10,3172    | 0      | -27,2125       | 0      | -10,3394    | 0      | -10,3602      | 0      | -9,0692  | 0      |

No news

| Eventwindow | CAAR    | t       | p      | $t_{cross}$ | p      | $t_{residual}$ | p      | $t_{cross}$ | p      | $t_{corrado}$ | p      | $t_{GS}$ | p      |
|-------------|---------|---------|--------|-------------|--------|----------------|--------|-------------|--------|---------------|--------|----------|--------|
| (-15,60)    | -0,0075 | -0,8002 | 0,4236 | -0,8913     | 0,3728 | -1,2442        | 0,2134 | -1,2966     | 0,1948 | 0,2204        | 0,8256 | -0,6228  | 0,5334 |
| (-1,1)      | 0,0011  | 0,6021  | 0,5471 | 0,3944      | 0,6933 | 1,4392         | 0,1501 | 0,7144      | 0,475  | 0,9494        | 0,3424 | 1,3661   | 0,1719 |
| (-5,5)      | 0,0009  | 0,2492  | 0,8032 | 0,2319      | 0,8166 | 0,3992         | 0,6898 | 0,304       | 0,7611 | 0,2543        | 0,7992 | 1,0677   | 0,2856 |
| (2,60)      | -0,0145 | -1,7615 | 0,0781 | -2,1005     | 0,0357 | -2,256         | 0,0241 | -2,6479     | 0,0081 | -0,9978       | 0,3184 | -2,6117  | 0,009  |
| (6,60)      | -0,0119 | -1,4962 | 0,1346 | -1,8531     | 0,0639 | -1,8365        | 0,0663 | -2,1693     | 0,0301 | -0,3709       | 0,7107 | -2,3134  | 0,0207 |
| (-15,-2)    | 0,0059  | 1,4731  | 0,1407 | 2,0862      | 0,037  | 1,0661         | 0,2864 | 1,2142      | 0,2247 | 2,1224        | 0,0338 | 1,7638   | 0,0778 |
| (0)         | 0,0012  | 1,1081  | 0,2678 | 0,5448      | 0,5859 | 2,6747         | 0,0075 | 0,9776      | 0,3283 | 1,5742        | 0,1155 | 1,565    | 0,1176 |

**Oil & Gas - Model 5 (UE)**

Good news

| Eventwindow | CAAR   | t      | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|--------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | 0,0343 | 1,7664 | 0,077 | 1,7688      | 0,077 | -0,4418        | 0,659 | -0,353      | 0,724 | 0,3089        | 0,757 | -0,3729  | 0,709 |
| (-1,1)      | 0,0051 | 1,3116 | 0,19  | 0,867       | 0,386 | 1,4757         | 0,14  | 0,894       | 0,371 | 1,0281        | 0,304 | 2,093    | 0,036 |
| (-5,5)      | 0,0215 | 2,9156 | 0,004 | 2,6701      | 0,008 | 2,6845         | 0,007 | 2,2672      | 0,023 | 2,3004        | 0,021 | 1,4497   | 0,147 |
| (2,60)      | 0,0143 | 0,8368 | 0,403 | 0,8815      | 0,378 | -1,5017        | 0,133 | -1,2636     | 0,206 | -0,5376       | 0,591 | -1,5522  | 0,121 |
| (6,60)      | 0,0059 | 0,3553 | 0,722 | 0,381       | 0,703 | -1,833         | 0,067 | -1,5475     | 0,122 | -0,7441       | 0,457 | -1,9811  | 0,048 |
| (-15,-2)    | 0,0149 | 1,7905 | 0,073 | 2,1717      | 0,03  | 1,3703         | 0,171 | 1,5361      | 0,125 | 1,3475        | 0,178 | 0,056    | 0,955 |
| (0)         | 0,0014 | 0,6373 | 0,524 | 0,3082      | 0,758 | 2,6803         | 0,007 | 1,1348      | 0,257 | 1,6359        | 0,102 | 1,1281   | 0,259 |

Bad news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | -0,045 | -2,5684 | 0,01  | -2,7831     | 0,005 | -4,6508        | 0     | -3,947      | 1E-04 | -2,253        | 0,024 | -2,723   | 0,007 |
| (-1,1)      | -0,014 | -4,0072 | 1E-04 | -3,2138     | 0,001 | -5,2572        | 0     | -3,2187     | 0,001 | -2,3146       | 0,021 | -3,8858  | 1E-04 |
| (-5,5)      | -0,013 | -2,0111 | 0,044 | -1,9273     | 0,054 | -3,4731        | 5E-04 | -2,6683     | 0,008 | -1,8282       | 0,068 | -2,1945  | 0,028 |
| (2,60)      | -0,022 | -1,4487 | 0,147 | -1,5525     | 0,121 | -3,5404        | 4E-04 | -3,0808     | 0,002 | -1,9448       | 0,052 | -2,4059  | 0,016 |
| (6,60)      | -0,02  | -1,3492 | 0,177 | -1,4124     | 0,158 | -3,3317        | 9E-04 | -2,8841     | 0,004 | -1,7647       | 0,078 | -2,3002  | 0,021 |
| (-15,-2)    | -0,009 | -1,1552 | 0,248 | -1,3518     | 0,176 | -1,1344        | 0,257 | -1,1736     | 0,241 | -0,1854       | 0,853 | -1,1375  | 0,255 |
| (0)         | -0,016 | -8,0303 | 0     | -5,2472     | 0     | -10,642        | 0     | -5,1776     | 0     | -5,6363       | 0     | -3,8858  | 1E-04 |

No news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | 0,0461 | 1,1117  | 0,266 | 0,8936      | 0,372 | -0,2039        | 0,838 | -0,1661     | 0,868 | 1,1191        | 0,263 | -0,2236  | 0,823 |
| (-1,1)      | -0,001 | -0,1248 | 0,901 | -0,1205     | 0,904 | -0,9147        | 0,36  | -0,6117     | 0,541 | 0,1558        | 0,876 | -0,2236  | 0,823 |
| (-5,5)      | 0,002  | 0,1253  | 0,9   | 0,1395      | 0,889 | -0,7975        | 0,425 | -0,6509     | 0,515 | -0,363        | 0,717 | -0,2236  | 0,823 |
| (2,60)      | 0,0303 | 0,8302  | 0,406 | 0,753       | 0,452 | -0,2978        | 0,766 | -0,2887     | 0,773 | 1,0916        | 0,275 | -1,5759  | 0,115 |
| (6,60)      | 0,0317 | 0,8983  | 0,369 | 0,7618      | 0,446 | -0,2706        | 0,787 | -0,2498     | 0,803 | 1,2114        | 0,226 | -0,5617  | 0,574 |
| (-15,-2)    | 0,0168 | 0,9436  | 0,345 | 1,3736      | 0,17  | 0,5595         | 0,576 | 0,695       | 0,487 | 0,2943        | 0,769 | 1,1287   | 0,259 |
| (0)         | -0,003 | -0,6405 | 0,522 | -0,4003     | 0,689 | -0,644         | 0,52  | -0,2678     | 0,789 | 1,2453        | 0,213 | 1,4668   | 0,142 |

**Technology - Model 5 (UE)**

Good news

| Eventwindow | CAAR   | t      | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|--------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | 0,0411 | 2,9851 | 0,003 | 4,0395      | 1E-04 | 3,4791         | 5E-04 | 3,8094      | 1E-04 | 2,1797        | 0,029 | 3,2597   | 0,001 |
| (-1,1)      | 0,0185 | 6,7701 | 0     | 5,243       | 0     | 11,115         | 0     | 6,0044      | 0     | 5,2394        | 0     | 5,4715   | 0     |
| (-5,5)      | 0,0198 | 3,7868 | 2E-04 | 4,4654      | 0     | 6,4709         | 0     | 5,414       | 0     | 3,0176        | 0,003 | 4,642    | 0     |
| (2,60)      | 0,0147 | 1,2102 | 0,226 | 1,7655      | 0,078 | 0,6464         | 0,518 | 0,8015      | 0,423 | 0,3878        | 0,698 | 1,3244   | 0,185 |
| (6,60)      | 0,0176 | 1,4987 | 0,134 | 2,2266      | 0,026 | 0,9311         | 0,352 | 1,1497      | 0,25  | 0,8125        | 0,417 | 1,9695   | 0,049 |
| (-15,-2)    | 0,0079 | 1,3367 | 0,181 | 2,2617      | 0,024 | 1,6339         | 0,102 | 2,1505      | 0,032 | 1,857         | 0,063 | 1,6008   | 0,109 |
| (0)         | 0,0138 | 8,7388 | 0     | 4,4025      | 0     | 15,3053        | 0     | 5,6706      | 0     | 6,6464        | 0     | 5,195    | 0     |

Bad news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | -0,039 | -2,5799 | 0,01  | -3,0234     | 0,003 | -3,6422        | 3E-04 | -3,5385     | 4E-04 | -1,4844       | 0,138 | -2,6127  | 0,009 |
| (-1,1)      | -0,031 | -10,245 | 0     | -6,9718     | 0     | -12,946        | 0     | -6,5064     | 0     | -4,0234       | 1E-04 | -4,9389  | 0     |
| (-5,5)      | -0,031 | -5,2387 | 0     | -5,6683     | 0     | -7,345         | 0     | -5,9787     | 0     | -2,4783       | 0,013 | -4,3851  | 0     |
| (2,60)      | 0,0004 | 0,0324  | 0,974 | 0,0399      | 0,968 | -0,2576        | 0,797 | -0,2807     | 0,779 | -0,0956       | 0,924 | 0,3782   | 0,705 |
| (6,60)      | -0,002 | -0,178  | 0,859 | -0,2261     | 0,821 | -0,2708        | 0,787 | -0,3009     | 0,764 | 0,0181        | 0,986 | -0,1756  | 0,861 |
| (-15,-2)    | -0,009 | -1,3351 | 0,182 | -1,6838     | 0,092 | -1,9645        | 0,05  | -2,4545     | 0,014 | -1,3999       | 0,162 | -1,7265  | 0,084 |
| (0)         | -0,03  | -16,958 | 0     | -7,3556     | 0     | -21,445        | 0     | -6,8263     | 0     | -7,4264       | 0     | -4,2743  | 0     |

No news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | -0,005 | -0,2582 | 0,796 | -0,3086     | 0,758 | 0,1787         | 0,858 | 0,1824      | 0,855 | 0,2783        | 0,781 | -0,2138  | 0,831 |
| (-1,1)      | 0,0024 | 0,6201  | 0,535 | 0,4754      | 0,635 | 2,3502         | 0,019 | 1,3128      | 0,189 | 0,848         | 0,396 | 0,6959   | 0,487 |
| (-5,5)      | 0,0126 | 1,6619  | 0,097 | 1,8271      | 0,068 | 3,1758         | 0,002 | 2,9608      | 0,003 | 1,801         | 0,072 | 2,6974   | 0,007 |
| (2,60)      | -0,012 | -0,6739 | 0,5   | -0,8725     | 0,383 | -0,5966        | 0,551 | -0,6808     | 0,496 | -0,0898       | 0,929 | -1,1236  | 0,261 |
| (6,60)      | -0,014 | -0,7963 | 0,426 | -1,1397     | 0,254 | -0,8792        | 0,379 | -1,0728     | 0,283 | -0,3651       | 0,715 | -1,4875  | 0,137 |
| (-15,-2)    | 0,0042 | 0,4948  | 0,621 | 0,6985      | 0,485 | 0,5531         | 0,58  | 0,7029      | 0,482 | 0,4401        | 0,66  | 0,6959   | 0,487 |
| (0)         | -0,001 | -0,6112 | 0,541 | -0,2816     | 0,778 | 2,0753         | 0,038 | 0,7287      | 0,466 | -0,4028       | 0,687 | -0,2138  | 0,831 |

Telecommunications - Model 5 (UE)

Good news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,011 | -0,5568 | 0,578 | -0,8344            | 0,404 | -0,6961               | 0,486 | -1,0424            | 0,297 | 0,0091               | 0,993 | -1,7505         | 0,08  |
| (-1,1)      | 0,009  | 2,2605  | 0,024 | 1,0821             | 0,279 | 1,4444                | 0,149 | 0,7071             | 0,48  | 0,9132               | 0,361 | 0,6505          | 0,515 |
| (-5,5)      | 0,0068 | 0,8908  | 0,373 | 0,845              | 0,398 | 0,681                 | 0,496 | 0,6312             | 0,528 | 0,2056               | 0,837 | -0,3785         | 0,705 |
| (2,60)      | -0,011 | -0,5954 | 0,552 | -0,9253            | 0,355 | -0,526                | 0,599 | -0,7583            | 0,448 | 0,1526               | 0,879 | -0,3785         | 0,705 |
| (6,60)      | -0,013 | -0,7654 | 0,444 | -1,1541            | 0,249 | -0,7623               | 0,446 | -1,0589            | 0,29  | 0,0148               | 0,988 | -0,3785         | 0,705 |
| (-15,-2)    | -0,01  | -1,1216 | 0,262 | -1,5203            | 0,128 | -1,2106               | 0,226 | -1,4342            | 0,152 | -0,7147              | 0,475 | -1,7505         | 0,08  |
| (0)         | 0,0039 | 1,6935  | 0,09  | 0,7362             | 0,462 | 1,4619                | 0,144 | 0,6374             | 0,524 | -0,1305              | 0,896 | -0,7215         | 0,471 |

Bad news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | 0,0061 | 0,407   | 0,684 | 0,3827             | 0,702 | 0,5572                | 0,577 | 0,493              | 0,622 | 0,638                | 0,524 | -0,6515         | 0,515 |
| (-1,1)      | -0,01  | -3,3043 | 0,001 | -1,4588            | 0,145 | -3,8424               | 1E-04 | -1,5972            | 0,11  | 0,0065               | 0,995 | -1,1516         | 0,25  |
| (-5,5)      | -0,008 | -1,4141 | 0,157 | -0,9514            | 0,341 | -1,4965               | 0,135 | -0,9258            | 0,355 | 0,1543               | 0,877 | 0,0986          | 0,921 |
| (2,60)      | 0,0222 | 1,6807  | 0,093 | 1,8483             | 0,065 | 1,9759                | 0,048 | 2,0462             | 0,041 | 1,3376               | 0,181 | 1,3488          | 0,177 |
| (6,60)      | 0,0214 | 1,6743  | 0,094 | 1,9459             | 0,052 | 1,8801                | 0,06  | 2,1031             | 0,036 | 1,248                | 0,212 | 1,8489          | 0,065 |
| (-15,-2)    | -0,006 | -0,9724 | 0,331 | -1,2476            | 0,212 | -0,9794               | 0,327 | -1,2012            | 0,23  | -1,2625              | 0,207 | -0,6515         | 0,515 |
| (0)         | -0,011 | -6,45   | 0     | -1,9079            | 0,056 | -7,4658               | 0     | -2,0888            | 0,037 | -1,5475              | 0,122 | -0,9016         | 0,367 |

No news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,015 | -0,8333 | 0,405 | -0,9437            | 0,345 | -0,8241               | 0,41  | -0,8688            | 0,385 | -0,6341              | 0,526 | -0,6804         | 0,496 |
| (-1,1)      | 0,0025 | 0,7211  | 0,471 | 0,3965             | 0,692 | 0,7605                | 0,447 | 0,3863             | 0,699 | 0,4939               | 0,621 | 0,2684          | 0,788 |
| (-5,5)      | 0,0013 | 0,2032  | 0,839 | 0,1647             | 0,869 | 0,7013                | 0,483 | 0,5105             | 0,61  | 0,6303               | 0,529 | 0,2684          | 0,788 |
| (2,60)      | -0,017 | -1,135  | 0,256 | -1,2182            | 0,223 | -0,9381               | 0,348 | -1,054             | 0,292 | -1,0947              | 0,274 | -0,9966         | 0,319 |
| (6,60)      | -0,013 | -0,8987 | 0,369 | -1,0766            | 0,282 | -0,8477               | 0,397 | -1,0302            | 0,303 | -0,9729              | 0,331 | -0,9966         | 0,319 |
| (-15,-2)    | 0,0004 | 0,0548  | 0,956 | 0,0682             | 0,946 | -0,3463               | 0,729 | -0,3617            | 0,718 | 0,5413               | 0,588 | 0,2684          | 0,788 |
| (0)         | 0,0013 | 0,6371  | 0,524 | 0,2477             | 0,804 | 0,5061                | 0,613 | 0,1674             | 0,867 | 0,334                | 0,738 | 0,2684          | 0,788 |

Utilities - Model 5 (UE)

Good news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | 0,0503 | 0,9519  | 0,341 | 1,0151             | 0,31  | 0,7489                | 0,454 | 0,8737             | 0,382 | 0,5                  | 0,617 | 0,5523          | 0,581 |
| (-1,1)      | -0,002 | -0,1947 | 0,846 | -0,2571            | 0,797 | -0,4729               | 0,636 | -0,617             | 0,537 | -0,0505              | 0,96  | 0,0808          | 0,936 |
| (-5,5)      | -0,018 | -0,9172 | 0,359 | -1,3174            | 0,188 | -1,0406               | 0,298 | -1,3836            | 0,167 | -0,1477              | 0,883 | -1,3337         | 0,182 |
| (2,60)      | 0,0022 | 0,0478  | 0,962 | 0,0588             | 0,953 | -0,0776               | 0,938 | -0,0978            | 0,922 | -0,0955              | 0,924 | 0,5523          | 0,581 |
| (6,60)      | 0,0116 | 0,2569  | 0,797 | 0,3209             | 0,748 | 0,1766                | 0,86  | 0,2201             | 0,826 | -0,1713              | 0,864 | -0,3907         | 0,696 |
| (-15,-2)    | 0,0501 | 2,2098  | 0,027 | 2,2626             | 0,024 | 2,1229                | 0,034 | 2,724              | 0,006 | 1,3844               | 0,166 | 2,4382          | 0,015 |
| (0)         | -0,009 | -1,5306 | 0,126 | -1,5747            | 0,115 | -1,9091               | 0,056 | -1,644             | 0,1   | -1,1569              | 0,247 | -0,8622         | 0,389 |

Bad news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,008 | -0,2683 | 0,788 | -0,2794            | 0,78  | -0,0061               | 0,995 | -0,0068            | 0,995 | 0,4031               | 0,687 | -0,2622         | 0,793 |
| (-1,1)      | -0,004 | -0,7028 | 0,482 | -0,6626            | 0,508 | -0,2839               | 0,777 | -0,2875            | 0,774 | 0,4559               | 0,648 | -0,2622         | 0,793 |
| (-5,5)      | -0,006 | -0,5391 | 0,59  | -0,7319            | 0,464 | -0,2105               | 0,833 | -0,2704            | 0,787 | 0,6009               | 0,548 | -1,655          | 0,098 |
| (2,60)      | -0,008 | -0,3402 | 0,734 | -0,3689            | 0,712 | -0,1195               | 0,905 | -0,1484            | 0,882 | 0,1464               | 0,884 | 0,086           | 0,932 |
| (6,60)      | -0,004 | -0,1874 | 0,851 | -0,2069            | 0,836 | -0,016                | 0,987 | -0,0205            | 0,984 | 0,182                | 0,856 | 0,086           | 0,932 |
| (-15,-2)    | 0,0047 | 0,3985  | 0,69  | 0,6362             | 0,525 | 0,3626                | 0,717 | 0,6137             | 0,539 | 0,4276               | 0,669 | 0,4342          | 0,664 |
| (0)         | 0,0079 | 2,4943  | 0,013 | 1,6129             | 0,107 | 2,7038                | 0,007 | 2,0451             | 0,041 | 1,6792               | 0,093 | 1,1306          | 0,258 |

No news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p  | t <sub>residual</sub> | p     | t <sub>cross</sub> | p  | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|----|-----------------------|-------|--------------------|----|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,063 | -0,3105 | 0,756 | NA                 | NA | -0,3039               | 0,761 | NA                 | NA | -0,4338              | 0,664 | -0,9419         | 0,346 |
| (-1,1)      | 0,016  | 0,3985  | 0,69  | NA                 | NA | 0,3939                | 0,694 | NA                 | NA | 0,7706               | 0,441 | 1,0617          | 0,288 |
| (-5,5)      | -0,107 | -1,3945 | 0,163 | NA                 | NA | -1,3764               | 0,169 | NA                 | NA | -0,7985              | 0,425 | -0,9419         | 0,346 |
| (2,60)      | -0,045 | -0,2509 | 0,802 | NA                 | NA | -0,2425               | 0,808 | NA                 | NA | -0,4427              | 0,658 | -0,9419         | 0,346 |
| (6,60)      | 0,05   | 0,2913  | 0,771 | NA                 | NA | 0,292                 | 0,77  | NA                 | NA | -0,2428              | 0,808 | 1,0617          | 0,288 |
| (-15,-2)    | -0,034 | -0,3927 | 0,695 | NA                 | NA | -0,3925               | 0,695 | NA                 | NA | -0,4587              | 0,647 | -0,9419         | 0,346 |
| (0)         | 0,0082 | 0,3552  | 0,722 | NA                 | NA | 0,3503                | 0,726 | NA                 | NA | 0,9534               | 0,34  | 1,0617          | 0,288 |

**High Market Capitalization- Model 5 (UE)**

**Good news**

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | 0,0107 | 2,0362  | 0,042 | 1,802              | 0,072 | 1,6064                | 0,108 | 1,4345             | 0,151 | 1,1377               | 0,255 | 1,2882          | 0,198 |
| (-1,1)      | 0,0112 | 10,821  | 0     | 5,2574             | 0     | 12,326                | 0     | 5,503              | 0     | 6,0204               | 0     | 6,0892          | 0     |
| (-5,5)      | 0,0134 | 6,7477  | 0     | 4,9819             | 0     | 7,1444                | 0     | 4,8764             | 0     | 3,5313               | 4E-04 | 4,8223          | 0     |
| (2,60)      | -0,002 | -0,4925 | 0,622 | -0,4721            | 0,637 | -1,0623               | 0,288 | -1,0572            | 0,29  | -0,0041              | 0,997 | -0,3122         | 0,755 |
| (6,60)      | -0,005 | -1,0718 | 0,284 | -1,0446            | 0,296 | -1,5594               | 0,119 | -1,5493            | 0,121 | -0,3266              | 0,744 | -0,0454         | 0,964 |
| (-15,-2)    | 0,0017 | 0,746   | 0,456 | 0,7872             | 0,431 | 0,2179                | 0,828 | 0,2316             | 0,817 | -0,1277              | 0,898 | -0,3788         | 0,705 |
| (0)         | 0,0089 | 14,7561 | 0     | 5,0849             | 0     | 16,3014               | 0     | 5,0612             | 0     | 6,7057               | 0     | 5,1557          | 0     |

**Bad news**

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,012 | -2,4467 | 0,014 | -2,2268            | 0,026 | -2,9652               | 0,003 | -2,7031            | 0,007 | -1,252               | 0,211 | -2,4764         | 0,013 |
| (-1,1)      | -0,01  | -10,552 | 0     | -4,8462            | 0     | -10,872               | 0     | -4,7624            | 0     | -3,1011              | 0,002 | -2,8611         | 0,004 |
| (-5,5)      | -0,011 | -6,0763 | 0     | -4,2287            | 0     | -6,4286               | 0     | -4,3625            | 0     | -2,3892              | 0,017 | -2,0275         | 0,043 |
| (2,60)      | 0,0003 | 0,0792  | 0,937 | 0,0758             | 0,94  | -0,2436               | 0,808 | -0,2438            | 0,807 | -0,622               | 0,534 | 0,3449          | 0,73  |
| (6,60)      | -3E-04 | -0,0649 | 0,948 | -0,0631            | 0,95  | -0,3654               | 0,715 | -0,3671            | 0,714 | -0,6337              | 0,526 | 0,5372          | 0,591 |
| (-15,-2)    | -0,002 | -0,9787 | 0,328 | -1,0829            | 0,279 | -1,3759               | 0,169 | -1,5215            | 0,128 | -0,2047              | 0,838 | -0,1681         | 0,867 |
| (0)         | -0,009 | -15,287 | 0     | -4,8956            | 0     | -15,804               | 0     | -4,8168            | 0     | -4,7568              | 0     | -3,1176         | 0,002 |

**No news**

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,008 | -1,4862 | 0,137 | -1,4279            | 0,153 | -1,7999               | 0,072 | -1,7111            | 0,087 | -0,5872              | 0,557 | -0,933          | 0,351 |
| (-1,1)      | 0,0046 | 4,1352  | 0     | 1,9542             | 0,051 | 3,3619                | 8E-04 | 1,4799             | 0,139 | 2,5235               | 0,012 | 2,0615          | 0,039 |
| (-5,5)      | 0,0051 | 2,3914  | 0,017 | 1,7673             | 0,077 | 1,7786                | 0,075 | 1,2294             | 0,219 | 1,0844               | 0,278 | 1,533           | 0,125 |
| (2,60)      | -0,011 | -2,2281 | 0,026 | -2,4233            | 0,015 | -2,3833               | 0,017 | -2,5939            | 0,01  | -1,2825              | 0,2   | -2,6944         | 0,007 |
| (6,60)      | -0,011 | -2,2903 | 0,022 | -2,511             | 0,012 | -2,4698               | 0,014 | -2,695             | 0,007 | -1,069               | 0,285 | -2,6944         | 0,007 |
| (-15,-2)    | -0,002 | -0,8029 | 0,422 | -0,8557            | 0,392 | -0,8573               | 0,391 | -0,8979            | 0,369 | 0,0967               | 0,923 | -0,2284         | 0,819 |
| (0)         | 0,0033 | 5,2068  | 0     | 1,6893             | 0,091 | 4,2295                | 0     | 1,2819             | 0,2   | 2,175                | 0,03  | 1,7972          | 0,072 |

**Medium market capitalization- Model 5 (UE)**

**Good news**

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | 0,0173 | 2,4532  | 0,014 | 2,2664             | 0,023 | 2,9733                | 0,003 | 2,6793             | 0,007 | 1,4699               | 0,142 | 3,0646          | 0,002 |
| (-1,1)      | 0,0121 | 8,6023  | 0     | 5,7509             | 0     | 12,7954               | 0     | 7,2341             | 0     | 5,5893               | 0     | 6,4456          | 0     |
| (-5,5)      | 0,0165 | 6,1617  | 0     | 4,9672             | 0     | 9,2908                | 0     | 6,8908             | 0     | 4,8277               | 0     | 5,6464          | 0     |
| (2,60)      | -0,002 | -0,2515 | 0,801 | -0,2527            | 0,801 | -0,4571               | 0,648 | -0,4482            | 0,654 | -0,1068              | 0,915 | 0,7286          | 0,466 |
| (6,60)      | -0,001 | -0,1652 | 0,869 | -0,1701            | 0,865 | -0,6193               | 0,536 | -0,6179            | 0,537 | -0,1822              | 0,856 | 0,1139          | 0,909 |
| (-15,-2)    | 0,0068 | 2,2501  | 0,024 | 2,6959             | 0,007 | 1,9428                | 0,052 | 2,2633             | 0,024 | 1,0568               | 0,291 | 2,3269          | 0,02  |
| (0)         | 0,0084 | 10,3868 | 0     | 4,903              | 0     | 15,1624               | 0     | 6,2702             | 0     | 4,8615               | 0     | 5,1546          | 0     |

**Bad news**

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,037 | -5,0238 | 0     | -4,0966            | 0     | -6,3864               | 0     | -5,1872            | 0     | -1,9262              | 0,054 | -4,165          | 0     |
| (-1,1)      | -0,019 | -13,106 | 0     | -7,9313            | 0     | -14,733               | 0     | -8,3039            | 0     | -4,8286              | 0     | -7,9565         | 0     |
| (-5,5)      | -0,023 | -8,0443 | 0     | -7,0483            | 0     | -9,0227               | 0     | -7,2451            | 0     | -3,4144              | 6E-04 | -6,5427         | 0     |
| (2,60)      | -0,01  | -1,4731 | 0,141 | -1,272             | 0,203 | -2,6622               | 0,008 | -2,3281            | 0,02  | -0,6661              | 0,505 | -0,6948         | 0,487 |
| (6,60)      | -0,007 | -1,0553 | 0,291 | -0,9058            | 0,365 | -2,2018               | 0,028 | -1,9312            | 0,054 | -0,2103              | 0,833 | -0,3093         | 0,757 |
| (-15,-2)    | -0,008 | -2,6143 | 0,009 | -2,5813            | 0,01  | -2,5944               | 0,01  | -2,8009            | 0,005 | -0,8854              | 0,376 | -1,9158         | 0,055 |
| (0)         | -0,02  | -24,085 | 0     | -10,546            | 0     | -28,091               | 0     | -11,294            | 0     | -10,77               | 0     | -9,6915         | 0     |

**No news**

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15,60)    | -0,019 | -1,7455 | 0,081 | -1,3104            | 0,19  | -1,1981               | 0,231 | -1,0093            | 0,313 | -0,3264              | 0,744 | -1,1164         | 0,264 |
| (-1,1)      | -9E-04 | -0,4326 | 0,665 | -0,3014            | 0,763 | 0,2947                | 0,768 | 0,1879             | 0,851 | -0,5393              | 0,59  | 0,1919          | 0,848 |
| (-5,5)      | 0,0022 | 0,5256  | 0,599 | 0,4979             | 0,619 | 0,9911                | 0,322 | 0,8538             | 0,393 | 0,2014               | 0,84  | 0,9055          | 0,365 |
| (2,60)      | -0,024 | -2,4481 | 0,014 | -1,7928            | 0,073 | -2,1245               | 0,034 | -1,8326            | 0,067 | -1,0073              | 0,314 | -1,1164         | 0,264 |
| (6,60)      | -0,021 | -2,193  | 0,028 | -1,5724            | 0,116 | -1,7576               | 0,079 | -1,5137            | 0,13  | -0,6181              | 0,537 | -0,4028         | 0,687 |
| (-15,-2)    | 0,0055 | 1,1591  | 0,246 | 1,5938             | 0,111 | 1,4333                | 0,152 | 1,7297             | 0,084 | 1,5571               | 0,119 | 1,0245          | 0,306 |
| (0)         | -0,002 | -1,4141 | 0,157 | -0,6692            | 0,503 | -0,2052               | 0,837 | -0,0883            | 0,93  | -1,0233              | 0,306 | -0,4028         | 0,687 |

Low market capitalization- Model 5 (UE)

Good news

| Eventwindow | CAAR   | t      | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|--------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | 0,053  | 4,5746 | 0     | 5,3167      | 0     | 5,7042         | 0     | 5,8822      | 0     | 3,5537        | 4E-04 | 3,7718   | 2E-04 |
| (-1,1)      | 0,0098 | 4,2747 | 0     | 3,2093      | 0,001 | 9,5077         | 0     | 5,7185      | 0     | 2,7855        | 0,005 | 4,3595   | 0     |
| (-5,5)      | 0,0205 | 4,6648 | 0     | 4,9491      | 0     | 7,5232         | 0     | 6,5611      | 0     | 2,8138        | 0,005 | 4,6534   | 0     |
| (2,60)      | 0,029  | 2,8426 | 0,005 | 3,5219      | 4E-04 | 2,4632         | 0,014 | 2,7958      | 0,005 | 1,7644        | 0,078 | 1,127    | 0,26  |
| (6,60)      | 0,028  | 2,8414 | 0,005 | 3,6568      | 3E-04 | 2,765          | 0,006 | 3,2038      | 0,001 | 2,252         | 0,024 | 2,3024   | 0,021 |
| (-15,-2)    | 0,0141 | 2,8442 | 0,005 | 3,7665      | 2E-04 | 3,8326         | 1E-04 | 4,5746      | 0     | 3,3683        | 8E-04 | 2,42     | 0,016 |
| (0)         | 0,0053 | 4,0188 | 1E-04 | 2,0568      | 0,04  | 12,4944        | 0     | 5,2788      | 0     | 3,8899        | 1E-04 | 2,8314   | 0,005 |

Bad news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | -0,016 | -1,2546 | 0,21  | -1,4814     | 0,139 | -3,8616        | 1E-04 | -4,0336     | 1E-04 | -1,2605       | 0,208 | -3,8567  | 1E-04 |
| (-1,1)      | -0,031 | -12,191 | 0     | -10,174     | 0     | -16,763        | 0     | -10,727     | 0     | -6,9122       | 0     | -9,0809  | 0     |
| (-5,5)      | -0,027 | -5,6689 | 0     | -6,6969     | 0     | -8,6441        | 0     | -8,4318     | 0     | -3,5869       | 3E-04 | -7,579   | 0     |
| (2,60)      | 0,0156 | 1,4069  | 0,159 | 1,7391      | 0,082 | -0,2155        | 0,829 | -0,2328     | 0,816 | -0,0098       | 0,992 | -1,0487  | 0,294 |
| (6,60)      | 0,0154 | 1,4401  | 0,15  | 1,7648      | 0,078 | 0,096          | 0,924 | 0,1028      | 0,918 | 0,3581        | 0,72  | -1,31    | 0,19  |
| (-15,-2)    | -9E-04 | -0,1684 | 0,866 | -0,2186     | 0,827 | -0,7952        | 0,427 | -1,0069     | 0,314 | 0,2829        | 0,777 | -0,9834  | 0,325 |
| (0)         | -0,028 | -19,632 | 0     | -11,588     | 0     | -26,612        | 0     | -12,047     | 0     | -10,477       | 0     | -8,6891  | 0     |

No news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15,60)    | -0,01  | -0,4371 | 0,662 | -0,4976     | 0,619 | -0,2673        | 0,789 | -0,3333     | 0,739 | 1,2285        | 0,219 | 0,8066   | 0,42  |
| (-1,1)      | -0,005 | -1,2303 | 0,219 | -1,1261     | 0,26  | 0,2445         | 0,807 | 0,1637      | 0,87  | 0,4559        | 0,649 | 0,0861   | 0,931 |
| (-5,5)      | -0,008 | -0,9904 | 0,322 | -1,0782     | 0,281 | 0,4051         | 0,685 | 0,3925      | 0,695 | 1,0233        | 0,306 | 1,2389   | 0,215 |
| (2,60)      | -0,015 | -0,761  | 0,447 | -0,8826     | 0,377 | -0,9758        | 0,329 | -1,2939     | 0,196 | 0,4146        | 0,678 | -1,0666  | 0,286 |
| (6,60)      | -0,004 | -0,2367 | 0,813 | -0,3058     | 0,76  | -0,4518        | 0,651 | -0,6266     | 0,531 | 0,8513        | 0,395 | 0,2302   | 0,818 |
| (-15,-2)    | 0,0104 | 1,1134  | 0,266 | 1,6094      | 0,108 | 1,2672         | 0,205 | 1,6922      | 0,091 | 1,8001        | 0,072 | 2,3916   | 0,017 |
| (0)         | -0,006 | -2,2458 | 0,025 | -1,4631     | 0,144 | -0,5663        | 0,571 | -0,2945     | 0,768 | -0,6236       | 0,533 | -0,4903  | 0,624 |

High turnover by value- Model 5 (UE)

Good news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15...60)  | 0,0271 | 3,5097  | 4E-04 | 3,2096      | 0,001 | 2,2422         | 0,025 | 1,9104      | 0,056 | 1,7513        | 0,08  | 1,86     | 0,063 |
| (-1...1)    | 0,0116 | 7,5261  | 0     | 4,6073      | 0     | 11,7376        | 0     | 5,2005      | 0     | 5,8964        | 0     | 6,4043   | 0     |
| (-5...5)    | 0,0159 | 5,391   | 0     | 4,6527      | 0     | 7,1474         | 0     | 4,7752      | 0     | 3,7021        | 2E-04 | 4,8673   | 0     |
| (2...60)    | 0,0087 | 1,2732  | 0,203 | 1,2869      | 0,198 | -0,5311        | 0,595 | -0,5098     | 0,61  | 0,4289        | 0,668 | -0,078   | 0,938 |
| (6...60)    | 0,0055 | 0,8303  | 0,406 | 0,8621      | 0,389 | -1,115         | 0,265 | -1,0705     | 0,284 | 0,0598        | 0,952 | 0,4566   | 0,648 |
| (-15...-2)  | 0,0069 | 2,0799  | 0,038 | 2,4588      | 0,014 | 0,881          | 0,378 | 0,9285      | 0,353 | 0,4705        | 0,638 | 0,8576   | 0,391 |
| (0...0)     | 0,0101 | 11,4376 | 0     | 4,8105      | 0     | 16,3659        | 0     | 5,0432      | 0     | 6,9858        | 0     | 5,4019   | 0     |

Bad news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15...60)  | -0,006 | -0,9646 | 0,335 | -0,8925     | 0,372 | -2,304         | 0,021 | -1,9753     | 0,048 | -0,6231       | 0,533 | -1,5293  | 0,126 |
| (-1...1)    | -0,014 | -10,506 | 0     | -5,4551     | 0     | -12,196        | 0     | -5,2076     | 0     | -3,1982       | 0,001 | -3,383   | 7E-04 |
| (-5...5)    | -0,015 | -5,9686 | 0     | -4,6481     | 0     | -7,1296        | 0     | -4,6922     | 0     | -2,5478       | 0,011 | -2,1046  | 0,035 |
| (2...60)    | 0,0094 | 1,6205  | 0,105 | 1,5792      | 0,114 | 0,8413         | 0,4   | 0,7919      | 0,428 | 0,2958        | 0,767 | 1,4111   | 0,158 |
| (6...60)    | 0,01   | 1,7786  | 0,075 | 1,7564      | 0,079 | 0,9116         | 0,362 | 0,8623      | 0,389 | 0,3993        | 0,69  | 1,6668   | 0,096 |
| (-15...-2)  | -0,002 | -0,7109 | 0,477 | -0,7164     | 0,474 | -1,4495        | 0,147 | -1,5263     | 0,127 | -0,5784       | 0,563 | 0,0048   | 0,996 |
| (0...0)     | -0,013 | -16,648 | 0     | -5,9563     | 0     | -18,969        | 0     | -5,5896     | 0     | -5,7843       | 0     | -3,9583  | 1E-04 |

No news

| Eventwindow | CAAR   | t       | p     | $t_{cross}$ | p     | $t_{residual}$ | p     | $t_{cross}$ | p     | $t_{corrado}$ | p     | $t_{GS}$ | p     |
|-------------|--------|---------|-------|-------------|-------|----------------|-------|-------------|-------|---------------|-------|----------|-------|
| (-15...60)  | -0,008 | -1,2884 | 0,198 | -1,3105     | 0,19  | -1,5184        | 0,129 | -1,4653     | 0,143 | -0,3868       | 0,699 | -0,4469  | 0,655 |
| (-1...1)    | 0,0039 | 3,1542  | 0,002 | 1,5408      | 0,123 | 3,6982         | 2E-04 | 1,6148      | 0,106 | 2,5901        | 0,01  | 2,4249   | 0,015 |
| (-5...5)    | 0,0061 | 2,5426  | 0,011 | 1,9826      | 0,047 | 2,487          | 0,013 | 1,7078      | 0,088 | 1,4574        | 0,145 | 2,5146   | 0,012 |
| (2...60)    | -0,012 | -2,1292 | 0,033 | -2,3973     | 0,017 | -2,3531        | 0,019 | -2,6013     | 0,009 | -1,1919       | 0,233 | -2,6905  | 0,007 |
| (6...60)    | -0,013 | -2,3405 | 0,019 | -2,6429     | 0,008 | -2,533         | 0,011 | -2,8033     | 0,005 | -1,0574       | 0,29  | -2,3315  | 0,02  |
| (-15...-2)  | -2E-04 | -0,091  | 0,928 | -0,1015     | 0,919 | -0,419         | 0,675 | -0,4398     | 0,66  | 0,3466        | 0,729 | 0,271    | 0,786 |
| (0...0)     | 0,0022 | 3,1006  | 0,002 | 1,02        | 0,308 | 4,2049         | 0     | 1,2518      | 0,211 | 2,0929        | 0,036 | 1,8864   | 0,059 |

Medium turnover by value- Model 5 (UE)

Good news

| Eventwindow | CAAR   | t      | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|--------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15...60)  | 0,0161 | 1,7633 | 0,078 | 1,8311             | 0,067 | 2,4961                | 0,013 | 2,3153             | 0,021 | 1,8992               | 0,058 | 2,8481          | 0,004 |
| (-1...1)    | 0,0059 | 3,2787 | 0,001 | 2,123              | 0,034 | 9,8949                | 0     | 5,5899             | 0     | 4,6911               | 0     | 4,6628          | 0     |
| (-5...5)    | 0,0142 | 4,0843 | 0     | 3,5514             | 4E-04 | 7,8557                | 0     | 5,9484             | 0     | 4,4083               | 0     | 5,8726          | 0     |
| (2...60)    | 0,0041 | 0,5115 | 0,609 | 0,5596             | 0,576 | -0,255                | 0,799 | -0,2548            | 0,799 | 0,4811               | 0,631 | 1,0939          | 0,274 |
| (6...60)    | 0,0025 | 0,3255 | 0,745 | 0,367              | 0,714 | -0,3987               | 0,69  | -0,4081            | 0,683 | 0,4904               | 0,624 | 0,368           | 0,713 |
| (-15...-2)  | 0,006  | 1,5406 | 0,123 | 1,7852             | 0,074 | 1,7588                | 0,079 | 2,0146             | 0,044 | 1,266                | 0,206 | 1,8803          | 0,06  |
| (0...0)     | 0,0017 | 1,6411 | 0,101 | 0,7234             | 0,469 | 9,595                 | 0     | 3,9225             | 1E-04 | 3,0717               | 0,002 | 3,2111          | 0,001 |

Bad news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15...60)  | -0,035 | -4,1808 | 0     | -3,7335            | 2E-04 | -5,9363               | 0     | -5,125             | 0     | -1,8687              | 0,062 | -4,0679         | 0     |
| (-1...1)    | -0,022 | -13,126 | 0     | -8,5959            | 0     | -15,112               | 0     | -8,7535            | 0     | -5,3525              | 0     | -7,7837         | 0     |
| (-5...5)    | -0,023 | -7,3802 | 0     | -6,9014            | 0     | -8,699                | 0     | -7,1144            | 0     | -3,1768              | 0,002 | -6,965          | 0     |
| (2...60)    | -0,004 | -0,5868 | 0,557 | -0,5428            | 0,587 | -2,1174               | 0,034 | -1,9256            | 0,054 | -0,6346              | 0,526 | -0,1001         | 0,92  |
| (6...60)    | -0,004 | -0,5522 | 0,581 | -0,5038            | 0,614 | -1,9022               | 0,057 | -1,7154            | 0,086 | -0,2697              | 0,787 | 0,0258          | 0,979 |
| (-15...-2)  | -0,009 | -2,4601 | 0,014 | -2,6356            | 0,008 | -2,4892               | 0,013 | -2,8161            | 0,005 | -0,5736              | 0,566 | -2,2415         | 0,025 |
| (0...0)     | -0,023 | -23,871 | 0     | -11,953            | 0     | -27,994               | 0     | -11,776            | 0     | -10,959              | 0     | -9,4842         | 0     |

No news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15...60)  | -0,038 | -2,7968 | 0,005 | -2,0598            | 0,039 | -2,2805               | 0,023 | -1,8548            | 0,064 | -0,8206              | 0,412 | -1,7843         | 0,074 |
| (-1...1)    | -0,004 | -1,6454 | 0,1   | -1,3216            | 0,186 | -1,3124               | 0,189 | -0,8342            | 0,404 | -0,6461              | 0,518 | -0,0121         | 0,99  |
| (-5...5)    | -0,007 | -1,3902 | 0,165 | -1,2297            | 0,219 | -0,6286               | 0,53  | -0,5354            | 0,592 | -0,4131              | 0,68  | -0,0121         | 0,99  |
| (2...60)    | -0,037 | -3,1152 | 0,002 | -2,2568            | 0,024 | -2,6829               | 0,007 | -2,2427            | 0,025 | -1,373               | 0,17  | -1,4046         | 0,16  |
| (6...60)    | -0,029 | -2,5587 | 0,011 | -1,906             | 0,057 | -2,126                | 0,034 | -1,7689            | 0,077 | -0,786               | 0,432 | -0,8982         | 0,369 |
| (-15...-2)  | 0,0037 | 0,6406  | 0,522 | 0,7355             | 0,462 | 0,8017                | 0,423 | 0,8893             | 0,374 | 1,2057               | 0,228 | 0,7474          | 0,455 |
| (0...0)     | -0,004 | -2,5014 | 0,012 | -1,4888            | 0,137 | -2,4892               | 0,013 | -1,183             | 0,237 | -1,9295              | 0,054 | -1,0248         | 0,306 |

Low turnover by value- Model 5 (UE)

Good news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15...60)  | 0,042  | 4,5076  | 0     | 5,3617             | 0     | 5,6414                | 0     | 5,9391             | 0     | 2,7583               | 0,006 | 3,4812          | 5E-04 |
| (-1...1)    | 0,0155 | 8,3504  | 0     | 6,6997             | 0     | 12,8411               | 0     | 7,815              | 0     | 3,9558               | 1E-04 | 5,8047          | 0     |
| (-5...5)    | 0,021  | 5,9298  | 0     | 6,5517             | 0     | 8,9038                | 0     | 7,8068             | 0     | 3,2912               | 0,001 | 4,3748          | 0     |
| (2...60)    | 0,0156 | 1,9026  | 0,057 | 2,4353             | 0,015 | 1,8293                | 0,067 | 2,1141             | 0,035 | 0,9074               | 0,364 | 0,5618          | 0,574 |
| (6...60)    | 0,0172 | 2,1713  | 0,03  | 2,8816             | 0,004 | 2,1958                | 0,028 | 2,5639             | 0,01  | 1,335                | 0,182 | 1,6342          | 0,102 |
| (-15...-2)  | 0,0109 | 2,7311  | 0,006 | 3,9294             | 1E-04 | 3,4445                | 6E-04 | 4,2156             | 0     | 2,7328               | 0,006 | 1,7534          | 0,08  |
| (0...0)     | 0,0107 | 10,0318 | 0     | 5,7392             | 0     | 17,8843               | 0     | 7,7469             | 0     | 5,4624               | 0     | 4,494           | 0     |

Bad news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15...60)  | -0,024 | -2,0859 | 0,037 | -2,555             | 0,011 | -4,9374               | 0     | -5,186             | 0     | -1,9447              | 0,052 | -4,964          | 0     |
| (-1...1)    | -0,024 | -10,799 | 0     | -9,5109            | 0     | -14,704               | 0     | -10,05             | 0     | -6,4638              | 0     | -8,7897         | 0     |
| (-5...5)    | -0,022 | -5,1685 | 0     | -6,4782            | 0     | -8,0266               | 0     | -8,5027            | 0     | -3,7187              | 2E-04 | -7,0446         | 0     |
| (2...60)    | 0,0005 | 0,0511  | 0,959 | 0,0669             | 0,947 | -1,9473               | 0,052 | -2,1717            | 0,03  | -0,9266              | 0,354 | -2,8834         | 0,004 |
| (6...60)    | 0,0018 | 0,1868  | 0,852 | 0,2439             | 0,807 | -1,577                | 0,115 | -1,7719            | 0,076 | -0,5544              | 0,579 | -2,9505         | 0,003 |
| (-15...-2)  | 0,0002 | 0,0341  | 0,973 | 0,0479             | 0,962 | -0,6997               | 0,484 | -0,8999            | 0,368 | 0,3633               | 0,716 | -0,7356         | 0,462 |
| (0...0)     | -0,022 | -16,652 | 0     | -9,806             | 0     | -23,046               | 0     | -10,885            | 0     | -9,7618              | 0     | -8,0514         | 0     |

No news

| Eventwindow | CAAR   | t       | p     | t <sub>cross</sub> | p     | t <sub>residual</sub> | p     | t <sub>cross</sub> | p     | t <sub>corrado</sub> | p     | t <sub>GS</sub> | p     |
|-------------|--------|---------|-------|--------------------|-------|-----------------------|-------|--------------------|-------|----------------------|-------|-----------------|-------|
| (-15...60)  | 0,0076 | 0,4849  | 0,628 | 0,6078             | 0,543 | 0,3292                | 0,742 | 0,3844             | 0,701 | 1,245                | 0,213 | 0,5999          | 0,549 |
| (-1...1)    | 0,0009 | 0,2978  | 0,766 | 0,2531             | 0,8   | 1,4712                | 0,141 | 0,9748             | 0,33  | 0,4731               | 0,636 | -0,167          | 0,867 |
| (-5...5)    | 0,0018 | 0,2959  | 0,767 | 0,3493             | 0,727 | 1,0988                | 0,272 | 1,0564             | 0,291 | 1,0494               | 0,294 | 0,7277          | 0,467 |
| (2...60)    | -5E-04 | -0,0368 | 0,971 | -0,0476            | 0,962 | -0,5465               | 0,585 | -0,6773            | 0,498 | 0,4504               | 0,652 | -0,8061         | 0,42  |
| (6...60)    | 0,0051 | 0,3818  | 0,703 | 0,5124             | 0,608 | -0,1189               | 0,905 | -0,1535            | 0,878 | 0,8089               | 0,419 | 0,0886          | 0,929 |
| (-15...-2)  | 0,0072 | 1,0676  | 0,286 | 1,9012             | 0,057 | 1,2079                | 0,227 | 1,7202             | 0,085 | 1,7572               | 0,079 | 1,7503          | 0,08  |
| (0...0)     | 0      | -0,01   | 0,992 | -0,0059            | 0,995 | 1,9404                | 0,052 | 0,9018             | 0,367 | 0,467                | 0,641 | 0,0886          | 0,929 |

## Nordic - Model 1 (UE)

| Eventwindow | News      | AAR         | CAAR        | News     | AAR          | CAAR         | News    | AAR         | CAAR        |
|-------------|-----------|-------------|-------------|----------|--------------|--------------|---------|-------------|-------------|
| -15         | Good news | -0,00010047 | -0,00010047 | Bad news | -0,00013369  | -0,00013369  | No news | -0,00089001 | -0,00089001 |
| -14         | Good news | -0,00008950 | -0,00018994 | Bad news | -0,00026790  | -0,00040159  | No news | -0,00102687 | -0,00191688 |
| -13         | Good news | 0,00026030  | 0,00007040  | Bad news | -0,00108624  | -0,00148783  | No news | 0,00054270  | -0,00137418 |
| -12         | Good news | 0,00002000  | 0,00009040  | Bad news | -0,00078240  | -0,00227023  | No news | -0,00042218 | -0,00179636 |
| -11         | Good news | 0,00036031  | 0,00045069  | Bad news | -0,00107930  | -0,00334953  | No news | -0,00118507 | -0,00298143 |
| -10         | Good news | -0,00006850 | 0,00038222  | Bad news | 0,00116143   | -0,00218810  | No news | 0,00009770  | -0,00283873 |
| -9          | Good news | 0,00007130  | 0,00045352  | Bad news | -0,00084467  | -0,00303277  | No news | 0,00071444  | -0,00216929 |
| -8          | Good news | 0,00061646  | 0,00106999  | Bad news | -0,00002860  | -0,00306135  | No news | 0,00022741  | -0,00194188 |
| -7          | Good news | 0,00052547  | 0,00159545  | Bad news | -0,00050726  | -0,00356861  | No news | 0,00026276  | -0,00167912 |
| -6          | Good news | 0,00044606  | 0,00204151  | Bad news | 0,00001790   | -0,00355068  | No news | -0,00107741 | -0,00275653 |
| -5          | Good news | 0,00027818  | 0,00231969  | Bad news | 0,00013305   | -0,00341763  | No news | 0,00050155  | -0,00225498 |
| -4          | Good news | 0,00146251  | 0,00378220  | Bad news | 0,00017013   | -0,00324751  | No news | 0,00130752  | -0,00094746 |
| -3          | Good news | 0,00129620  | 0,00507840  | Bad news | 0,00078764   | -0,00245987  | No news | 0,00130306  | 0,00035560  |
| -2          | Good news | 0,00186323  | 0,00694164  | Bad news | -0,00095588  | -0,00341574  | No news | 0,00006600  | 0,00042164  |
| -1          | Good news | 0,00486050  | 0,01180213  | Bad news | 0,00282950   | -0,00058624  | No news | 0,00237452  | 0,00279615  |
| 0           | Good news | 0,00934788  | 0,02115001  | Bad news | -0,02162409  | -0,02221033  | No news | -0,00333756 | -0,00054141 |
| 1           | Good news | -0,00087667 | 0,02027334  | Bad news | -0,00421412  | -0,02642445  | No news | -0,00221179 | -0,00275320 |
| 2           | Good news | -0,00021827 | 0,02005507  | Bad news | -0,00138647  | -0,02781092  | No news | -0,00174291 | -0,00449611 |
| 3           | Good news | 0,00023714  | 0,02029221  | Bad news | 0,00012319   | -0,02768773  | No news | 0,00034424  | -0,00415187 |
| 4           | Good news | -0,00054922 | 0,01974299  | Bad news | -0,00005460  | -0,02774233  | No news | -0,00010557 | -0,00425744 |
| 5           | Good news | 0,00103823  | 0,02078122  | Bad news | 0,00073246   | -0,02700988  | No news | -0,00036634 | -0,00462378 |
| 6           | Good news | 0,00041976  | 0,02120098  | Bad news | -0,00000725  | -0,02701713  | No news | -0,00089847 | -0,00552225 |
| 7           | Good news | 0,00014851  | 0,02134948  | Bad news | 0,00007670   | -0,02694045  | No news | 0,00094029  | -0,00458196 |
| 8           | Good news | -0,00069700 | 0,02065248  | Bad news | -0,00038553  | -0,02732598  | No news | -0,00022980 | -0,00481176 |
| 9           | Good news | -0,00049054 | 0,02016194  | Bad news | -0,00000860  | -0,02733458  | No news | 0,00059115  | -0,00422061 |
| 10          | Good news | -0,00018687 | 0,01997508  | Bad news | 0,00028078   | -0,02705380  | No news | -0,00066483 | -0,00485544 |
| 11          | Good news | -0,00013871 | 0,01983636  | Bad news | 0,00004270   | -0,02701114  | No news | 0,00062458  | -0,00426086 |
| 12          | Good news | -0,00010239 | 0,01973398  | Bad news | -0,00060444  | -0,02761559  | No news | -0,00009470 | -0,00435559 |
| 13          | Good news | -0,00020729 | 0,01952669  | Bad news | 0,00022177   | -0,02739382  | No news | -0,00051592 | -0,00487151 |
| 14          | Good news | 0,00007130  | 0,01959804  | Bad news | -0,00047587  | -0,02786969  | No news | 0,00052251  | -0,00434900 |
| 15          | Good news | -0,00023507 | 0,01936297  | Bad news | 0,00012358   | -0,02774610  | No news | 0,00012930  | -0,00421970 |
| 16          | Good news | 0,00007620  | 0,01943919  | Bad news | 0,00028383   | -0,02746227  | No news | 0,00033792  | -0,00388178 |
| 17          | Good news | -0,00071155 | 0,01872764  | Bad news | -0,00001050  | -0,027477278 | No news | -0,00068834 | -0,00457012 |
| 18          | Good news | -0,00028966 | 0,01843798  | Bad news | 0,00041209   | -0,02706068  | No news | 0,00103957  | -0,00350355 |
| 19          | Good news | -0,00050823 | 0,01792974  | Bad news | -0,00065368  | -0,02771436  | No news | -0,00082792 | -0,00435847 |
| 20          | Good news | 0,00043973  | 0,01836947  | Bad news | 0,00026229   | -0,02745207  | No news | -0,00038461 | -0,00474308 |
| 21          | Good news | -0,00015423 | 0,01821525  | Bad news | 0,00006820   | -0,02738382  | No news | -0,00090826 | -0,00565134 |
| 22          | Good news | 0,00053315  | 0,01874839  | Bad news | 0,00010725   | -0,02727657  | No news | 0,00037880  | -0,00527254 |
| 23          | Good news | -0,00138810 | 0,01736029  | Bad news | -0,00057320  | -0,02784977  | No news | 0,00011520  | -0,00515734 |
| 24          | Good news | -0,00079122 | 0,01656907  | Bad news | -0,00016156  | -0,02801133  | No news | -0,00046455 | -0,00562189 |
| 25          | Good news | -0,00025792 | 0,01631115  | Bad news | 0,00061211   | -0,02739922  | No news | -0,00045996 | -0,00608185 |
| 26          | Good news | -0,00073924 | 0,01557191  | Bad news | 0,00032606   | -0,02707316  | No news | -0,00066603 | -0,00674787 |
| 27          | Good news | 0,00008990  | 0,01566183  | Bad news | 0,00070371   | -0,02636946  | No news | 0,00027185  | -0,00647602 |
| 28          | Good news | -0,00076551 | 0,01489631  | Bad news | -0,00038852  | -0,02675797  | No news | 0,00053551  | -0,00594051 |
| 29          | Good news | 0,00081859  | 0,01571491  | Bad news | 0,00081009   | -0,02594788  | No news | -0,00166774 | -0,00760825 |
| 30          | Good news | 0,00003160  | 0,01574650  | Bad news | 0,00026907   | -0,02567882  | No news | 0,00087663  | -0,00673162 |
| 31          | Good news | 0,00027736  | 0,01602386  | Bad news | 0,00107254   | -0,02460628  | No news | -0,00063404 | -0,00736566 |
| 32          | Good news | -0,00078488 | 0,01523899  | Bad news | -0,00043105  | -0,02503733  | No news | 0,00051663  | -0,00684904 |
| 33          | Good news | 0,00029266  | 0,01553165  | Bad news | 0,00026080   | -0,02477653  | No news | 0,00073363  | -0,00611541 |
| 34          | Good news | 0,00165751  | 0,01718915  | Bad news | 0,00108613   | -0,02369040  | No news | -0,00085478 | -0,00697018 |
| 35          | Good news | 0,00069902  | 0,01788817  | Bad news | 0,00077935   | -0,02291104  | No news | 0,00028884  | -0,00668135 |
| 36          | Good news | 0,00032144  | 0,01820962  | Bad news | 0,00065666   | -0,02225438  | No news | -0,00040231 | -0,00708365 |
| 37          | Good news | -0,00075172 | 0,01745790  | Bad news | -0,00145450  | -0,02370888  | No news | -0,00031038 | -0,00739403 |
| 38          | Good news | 0,00053606  | 0,01799396  | Bad news | 0,00032361   | -0,02338527  | No news | -0,00058499 | -0,00797902 |
| 39          | Good news | 0,00046978  | 0,01846373  | Bad news | 0,00012575   | -0,02325952  | No news | 0,00087237  | -0,00710665 |
| 40          | Good news | 0,000040722 | 0,01887095  | Bad news | 0,00026402   | -0,02299550  | No news | -0,00135118 | -0,00845783 |
| 41          | Good news | -0,00056053 | 0,01831042  | Bad news | 0,00137791   | -0,02161760  | No news | 0,00029989  | -0,00815794 |
| 42          | Good news | 0,00049135  | 0,01880178  | Bad news | -0,00034103  | -0,02195862  | No news | 0,00087359  | -0,00728435 |
| 43          | Good news | -0,00014916 | 0,01865261  | Bad news | 0,00145003   | -0,02050860  | No news | 0,00091925  | -0,00636511 |
| 44          | Good news | 0,00018453  | 0,01883714  | Bad news | -0,00055484  | -0,02106343  | No news | 0,00048835  | -0,00587676 |
| 45          | Good news | -0,00032891 | 0,01850823  | Bad news | -0,00045679  | -0,02152022  | No news | -0,00058025 | -0,00645701 |
| 46          | Good news | 0,00053498  | 0,01904321  | Bad news | 0,00086867   | -0,02065156  | No news | -0,00049883 | -0,00695584 |
| 47          | Good news | -0,00007240 | 0,01897085  | Bad news | -0,000180838 | -0,02245994  | No news | -0,00015171 | -0,00710755 |
| 48          | Good news | -0,00098908 | 0,01798177  | Bad news | 0,00116171   | -0,02129823  | No news | -0,00046386 | -0,00757141 |
| 49          | Good news | 0,00113496  | 0,01911673  | Bad news | 0,00209624   | -0,01920199  | No news | -0,00006430 | -0,00763566 |
| 50          | Good news | 0,00068065  | 0,01979738  | Bad news | 0,00125371   | -0,01794828  | No news | 0,00010156  | -0,00753411 |
| 51          | Good news | 0,00037785  | 0,02017523  | Bad news | 0,00023580   | -0,01771248  | No news | 0,00068855  | -0,00684556 |
| 52          | Good news | -0,00052621 | 0,01964902  | Bad news | 0,00068699   | -0,01702549  | No news | 0,00128502  | -0,00556055 |
| 53          | Good news | -0,00029118 | 0,01935785  | Bad news | -0,00041231  | -0,01743780  | No news | 0,00061052  | -0,00495003 |
| 54          | Good news | 0,00015969  | 0,01951754  | Bad news | 0,00036311   | -0,01707470  | No news | -0,00009030 | -0,00504037 |
| 55          | Good news | 0,00000876  | 0,01952630  | Bad news | 0,00066621   | -0,01640849  | No news | -0,00072494 | -0,00576530 |
| 56          | Good news | 0,00196068  | 0,02148697  | Bad news | -0,00007100  | -0,01647950  | No news | 0,00027222  | -0,00549309 |
| 57          | Good news | -0,00074622 | 0,02074076  | Bad news | 0,00051836   | -0,01596114  | No news | -0,00148932 | -0,00698240 |
| 58          | Good news | -0,00066059 | 0,02008017  | Bad news | -0,00158766  | -0,01754881  | No news | 0,00010179  | -0,00688061 |
| 59          | Good news | 0,00006230  | 0,02014248  | Bad news | 0,00005310   | -0,01749569  | No news | -0,00001040 | -0,00689098 |
| 60          | Good news | -0,00020117 | 0,01994132  | Bad news | 0,00019437   | -0,01730133  | No news | -0,00103583 | -0,00792682 |

## Nordic - Model 2 (UE)

| Eventwindow | News      | AAR         | CAAR        | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|-------------|-------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | 0,00002920  | 0,00002920  | Bad news | -0,00053489 | -0,00053489 | No news | -0,00014239 | -0,00014239 |
| -14         | Good news | -0,00017021 | -0,00014103 | Bad news | -0,00039996 | -0,00093486 | No news | -0,00036948 | -0,00051186 |
| -13         | Good news | 0,00020945  | 0,00006840  | Bad news | -0,00056648 | -0,00150133 | No news | -0,00066360 | -0,00117546 |
| -12         | Good news | 0,00041781  | 0,00048623  | Bad news | -0,00065666 | -0,00215799 | No news | -0,00209156 | -0,00326702 |
| -11         | Good news | 0,00033489  | 0,00082112  | Bad news | -0,00128305 | -0,00344104 | No news | -0,00034163 | -0,00360865 |
| -10         | Good news | 0,00028481  | 0,00110593  | Bad news | 0,00054387  | -0,00289717 | No news | 0,00060490  | -0,00300375 |
| -9          | Good news | 0,00042042  | 0,00152635  | Bad news | -0,00061952 | -0,00351669 | No news | -0,00100967 | -0,00401342 |
| -8          | Good news | 0,00023075  | 0,00175709  | Bad news | 0,00011084  | -0,00340585 | No news | 0,00120657  | -0,00280685 |
| -7          | Good news | 0,00063983  | 0,00239692  | Bad news | -0,00050683 | -0,00391268 | No news | 0,00000783  | -0,00279903 |
| -6          | Good news | 0,00045570  | 0,00285262  | Bad news | -0,00015283 | -0,00406551 | No news | -0,00061094 | -0,00340996 |
| -5          | Good news | 0,00093451  | 0,00378712  | Bad news | -0,00022771 | -0,00429322 | No news | -0,00061931 | -0,00402927 |
| -4          | Good news | 0,00118107  | 0,00496819  | Bad news | 0,00082329  | -0,00346992 | No news | 0,00045197  | -0,00357730 |
| -3          | Good news | 0,00089724  | 0,00586543  | Bad news | 0,00132752  | -0,00214241 | No news | 0,00109406  | -0,00248324 |
| -2          | Good news | 0,00169957  | 0,00756500  | Bad news | -0,00088561 | -0,00302802 | No news | 0,00073728  | -0,00174596 |
| -1          | Good news | 0,00455098  | 0,01211598  | Bad news | 0,00325103  | 0,00022301  | No news | 0,00230213  | 0,00055618  |
| 0           | Good news | 0,00804793  | 0,02016391  | Bad news | -0,01887044 | -0,01864742 | No news | -0,00337742 | -0,00282125 |
| 1           | Good news | -0,00113353 | 0,01903038  | Bad news | -0,00422131 | -0,02286873 | No news | -0,00087093 | -0,00369218 |
| 2           | Good news | -0,00076746 | 0,01826292  | Bad news | -0,00112459 | -0,02399332 | No news | -0,00056582 | -0,00425800 |
| 3           | Good news | 0,00026975  | 0,01853268  | Bad news | 0,00043348  | -0,02355984 | No news | -0,00070339 | -0,00496139 |
| 4           | Good news | -0,00001700 | 0,01851571  | Bad news | -0,00043922 | -0,02399906 | No news | -0,00080784 | -0,00576923 |
| 5           | Good news | 0,00118467  | 0,01970039  | Bad news | 0,00063165  | -0,02336741 | No news | -0,00060092 | -0,00637015 |
| 6           | Good news | 0,00051222  | 0,02021260  | Bad news | -0,00054827 | -0,02391568 | No news | 0,00043784  | -0,00593230 |
| 7           | Good news | 0,00029432  | 0,02050692  | Bad news | -0,00004600 | -0,02396169 | No news | 0,00087430  | -0,00505801 |
| 8           | Good news | -0,00084150 | 0,01966542  | Bad news | 0,00021555  | -0,02374614 | No news | -0,00160605 | -0,00666405 |
| 9           | Good news | -0,00057746 | 0,01908796  | Bad news | 0,00044234  | -0,02330380 | No news | -0,00050893 | -0,00717298 |
| 10          | Good news | -0,00000515 | 0,01908281  | Bad news | -0,00035159 | -0,02365539 | No news | 0,00055924  | -0,00661374 |
| 11          | Good news | 0,00009180  | 0,01917456  | Bad news | 0,00004480  | -0,02361063 | No news | -0,00016053 | -0,00677427 |
| 12          | Good news | -0,00022646 | 0,01894810  | Bad news | -0,00061273 | -0,02422336 | No news | 0,00043767  | -0,00633660 |
| 13          | Good news | 0,00038888  | 0,01933698  | Bad news | -0,00009730 | -0,02432064 | No news | -0,00167803 | -0,00801463 |
| 14          | Good news | -0,00001800 | 0,01931894  | Bad news | -0,00029600 | -0,02461664 | No news | 0,00038762  | -0,00762701 |
| 15          | Good news | -0,00029686 | 0,01902208  | Bad news | 0,00025924  | -0,02435740 | No news | -0,00010867 | -0,00773568 |
| 16          | Good news | 0,00012676  | 0,01914885  | Bad news | 0,00038206  | -0,02397533 | No news | -0,00015631 | -0,00789199 |
| 17          | Good news | -0,00056028 | 0,01858857  | Bad news | -0,00036868 | -0,02434401 | No news | -0,00021119 | -0,00810317 |
| 18          | Good news | -0,00000857 | 0,01858000  | Bad news | 0,00049957  | -0,02384445 | No news | -0,00022960 | -0,00833277 |
| 19          | Good news | -0,00072931 | 0,01785068  | Bad news | -0,00055751 | -0,02440196 | No news | -0,00035723 | -0,00869000 |
| 20          | Good news | 0,00037856  | 0,01822924  | Bad news | -0,00008970 | -0,02449165 | No news | 0,00089134  | -0,00779866 |
| 21          | Good news | 0,00000309  | 0,01823233  | Bad news | -0,00035486 | -0,02484650 | No news | -0,00022574 | -0,00802440 |
| 22          | Good news | 0,00010618  | 0,01833851  | Bad news | 0,00090527  | -0,02394124 | No news | -0,00055345 | -0,00857785 |
| 23          | Good news | -0,00113281 | 0,01720571  | Bad news | -0,00081562 | -0,02475685 | No news | -0,00005210 | -0,00862990 |
| 24          | Good news | -0,00122510 | 0,01598061  | Bad news | 0,00004480  | -0,02471204 | No news | 0,00032291  | -0,00830700 |
| 25          | Good news | -0,00023630 | 0,01574431  | Bad news | 0,00041073  | -0,02430131 | No news | -0,00005830 | -0,00836531 |
| 26          | Good news | -0,00079991 | 0,01494440  | Bad news | 0,00024453  | -0,02405678 | No news | -0,00036294 | -0,00872825 |
| 27          | Good news | 0,00029779  | 0,01524219  | Bad news | 0,00058285  | -0,02347392 | No news | -0,00015709 | -0,00885834 |
| 28          | Good news | -0,00035893 | 0,01488326  | Bad news | -0,00025617 | -0,02373009 | No news | -0,00125859 | -0,01014393 |
| 29          | Good news | 0,00051611  | 0,01539938  | Bad news | 0,00072547  | -0,02300462 | No news | -0,00051056 | -0,01065449 |
| 30          | Good news | 0,00060502  | 0,01600439  | Bad news | -0,00000601 | -0,02301064 | No news | -0,00024256 | -0,01089705 |
| 31          | Good news | 0,00008160  | 0,01608597  | Bad news | 0,00103717  | -0,02197347 | No news | -0,00002490 | -0,01092198 |
| 32          | Good news | -0,00101131 | 0,01507466  | Bad news | 0,00031097  | -0,02166249 | No news | -0,00096688 | -0,01188868 |
| 33          | Good news | 0,00027774  | 0,01535240  | Bad news | 0,00029381  | -0,02136869 | No news | 0,00071521  | -0,01117365 |
| 34          | Good news | 0,00122535  | 0,01657775  | Bad news | 0,00143572  | -0,01993297 | No news | -0,00050575 | -0,01167940 |
| 35          | Good news | 0,00018072  | 0,01675847  | Bad news | 0,00114938  | -0,01878360 | No news | 0,00090184  | -0,01077756 |
| 36          | Good news | 0,00036905  | 0,01712752  | Bad news | 0,00045126  | -0,01833234 | No news | -0,00002810 | -0,01080571 |
| 37          | Good news | -0,00043355 | 0,01669396  | Bad news | -0,00159125 | -0,01992239 | No news | -0,00085418 | -0,01165989 |
| 38          | Good news | 0,00053358  | 0,01722754  | Bad news | 0,00025381  | -0,01966978 | No news | -0,00039691 | -0,01205680 |
| 39          | Good news | 0,00038221  | 0,01760975  | Bad news | 0,00032213  | -0,01934765 | No news | 0,00064607  | -0,01141074 |
| 40          | Good news | 0,00059363  | 0,01820338  | Bad news | -0,00022013 | -0,01956778 | No news | -0,00058625 | -0,01199699 |
| 41          | Good news | 0,00006420  | 0,01826755  | Bad news | 0,00077502  | -0,01879276 | No news | -0,00024366 | -0,01224065 |
| 42          | Good news | 0,00026998  | 0,01853753  | Bad news | 0,00001250  | -0,01878029 | No news | 0,00069850  | -0,01154214 |
| 43          | Good news | 0,00026939  | 0,01880692  | Bad news | 0,00115927  | -0,01762102 | No news | 0,00018946  | -0,01135268 |
| 44          | Good news | -0,00007640 | 0,01873049  | Bad news | -0,00006470 | -0,01768575 | No news | 0,000000912 | -0,01134356 |
| 45          | Good news | -0,00018532 | 0,01854516  | Bad news | 0,00002930  | -0,01765640 | No news | -0,00257511 | -0,01391867 |
| 46          | Good news | 0,00124938  | 0,01979454  | Bad news | 0,00043893  | -0,01721748 | No news | -0,00175799 | -0,01567666 |
| 47          | Good news | -0,00043340 | 0,01936114  | Bad news | -0,00108672 | -0,01830420 | No news | -0,00087077 | -0,01654743 |
| 48          | Good news | -0,00037683 | 0,01898431  | Bad news | 0,00050173  | -0,01780247 | No news | -0,00084100 | -0,01738843 |
| 49          | Good news | 0,00165706  | 0,02064137  | Bad news | 0,00132157  | -0,01648090 | No news | 0,00030156  | -0,01708687 |
| 50          | Good news | 0,00079355  | 0,02143492  | Bad news | 0,00093847  | -0,01554242 | No news | 0,00056151  | -0,01652537 |
| 51          | Good news | 0,00077992  | 0,02221483  | Bad news | -0,00009470 | -0,01563711 | No news | 0,00035902  | -0,01616634 |
| 52          | Good news | -0,00019942 | 0,02201542  | Bad news | 0,00075948  | -0,01487763 | No news | -0,00014485 | -0,01631119 |
| 53          | Good news | 0,00013502  | 0,02215044  | Bad news | -0,00061912 | -0,01549675 | No news | -0,00015168 | -0,01646287 |
| 54          | Good news | 0,00026568  | 0,02241612  | Bad news | -0,00005950 | -0,01555628 | No news | 0,00080226  | -0,01566060 |
| 55          | Good news | 0,00032526  | 0,02274138  | Bad news | 0,00035905  | -0,01519724 | No news | -0,00101700 | -0,01667760 |
| 56          | Good news | 0,00127812  | 0,02401949  | Bad news | 0,00073924  | -0,01445800 | No news | 0,00033883  | -0,01633878 |
| 57          | Good news | 0,00036859  | 0,02438809  | Bad news | -0,00074164 | -0,01519964 | No news | -0,00169374 | -0,01803252 |
| 58          | Good news | -0,00109637 | 0,02329172  | Bad news | -0,00081267 | -0,01601231 | No news | -0,00059579 | -0,01862831 |
| 59          | Good news | 0,00003290  | 0,02332463  | Bad news | 0,00020202  | -0,01581029 | No news | -0,00037177 | -0,01900007 |
| 60          | Good news | -0,00027031 | 0,02305432  | Bad news | 0,00042709  | -0,01538320 | No news | -0,00162741 | -0,02062748 |

## Nordic - Model 5 (UE)

| Eventwindow | News      | AAR         | CAAR       | News     | AAR          | CAAR         | News    | AAR         | CAAR        |
|-------------|-----------|-------------|------------|----------|--------------|--------------|---------|-------------|-------------|
| -15         | Good news | 0,00025491  | 0,00025491 | Bad news | -0,00096774  | -0,00096774  | No news | 0,00030033  | 0,00030033  |
| -14         | Good news | -0,00010608 | 0,00014882 | Bad news | -0,00062702  | -0,00159476  | No news | 0,00056237  | 0,00086270  |
| -13         | Good news | -0,00002074 | 0,00012809 | Bad news | -0,00015142  | -0,00174618  | No news | -0,00109941 | -0,00023671 |
| -12         | Good news | 0,00022824  | 0,00035632 | Bad news | -0,00080449  | -0,00255067  | No news | -0,00075874 | -0,0009544  |
| -11         | Good news | 0,00041492  | 0,00077125 | Bad news | -0,00147234  | -0,00402300  | No news | -0,00015230 | -0,00114774 |
| -10         | Good news | 0,00005564  | 0,00082689 | Bad news | 0,00061333   | -0,00340967  | No news | 0,00089115  | -0,00025659 |
| -9          | Good news | 0,00023436  | 0,00106125 | Bad news | -0,00022740  | -0,00363707  | No news | -0,00080167 | -0,00105827 |
| -8          | Good news | 0,00034045  | 0,00140170 | Bad news | 0,00049878   | -0,00313829  | No news | 0,00069683  | -0,00036144 |
| -7          | Good news | 0,00090914  | 0,00231085 | Bad news | -0,00043879  | -0,00357708  | No news | -0,00092948 | -0,00129092 |
| -6          | Good news | 0,00050884  | 0,00281968 | Bad news | -0,00053363  | -0,00411071  | No news | 0,00033464  | -0,00095628 |
| -5          | Good news | 0,00103933  | 0,00385901 | Bad news | -0,00029149  | -0,00440220  | No news | -0,00025685 | -0,00121313 |
| -4          | Good news | 0,00153675  | 0,00539576 | Bad news | 0,00023727   | -0,00416493  | No news | 0,00128279  | 0,00006966  |
| -3          | Good news | 0,00107317  | 0,00646894 | Bad news | 0,00111829   | -0,00304664  | No news | 0,00123334  | 0,00130300  |
| -2          | Good news | 0,00158014  | 0,00804908 | Bad news | -0,00074284  | -0,00378948  | No news | 0,00128102  | 0,00258402  |
| -1          | Good news | 0,00445297  | 0,01250205 | Bad news | 0,00349174   | -0,00029774  | No news | 0,00217158  | 0,00475560  |
| 0           | Good news | 0,00739588  | 0,01989793 | Bad news | -0,01904463  | -0,01934237  | No news | 0,00013855  | 0,00489415  |
| 1           | Good news | -0,00085115 | 0,01904678 | Bad news | -0,00436680  | -0,02370917  | No news | -0,00122285 | 0,00367130  |
| 2           | Good news | -0,00068169 | 0,01836509 | Bad news | -0,00128307  | -0,02499224  | No news | -0,00095607 | 0,00271523  |
| 3           | Good news | 0,00025433  | 0,01861942 | Bad news | 0,00033842   | -0,024655382 | No news | -0,00041897 | 0,00229626  |
| 4           | Good news | -0,00022576 | 0,01839366 | Bad news | -0,00013396  | -0,02478778  | No news | -0,00121268 | 0,00108358  |
| 5           | Good news | 0,00155630  | 0,01994996 | Bad news | 0,00035124   | -0,02443655  | No news | -0,00036168 | 0,00072190  |
| 6           | Good news | 0,000663195 | 0,02058192 | Bad news | -0,00067774  | -0,02511429  | No news | 0,00048461  | 0,00120651  |
| 7           | Good news | 0,00075053  | 0,02133244 | Bad news | 0,00026373   | -0,02485056  | No news | -0,00085569 | 0,00035082  |
| 8           | Good news | -0,00073992 | 0,02059252 | Bad news | -0,00039721  | -0,02524777  | No news | -0,00049748 | -0,00014665 |
| 9           | Good news | -0,00058717 | 0,02000535 | Bad news | 0,00021908   | -0,02502869  | No news | -0,00049023 | -0,00063689 |
| 10          | Good news | 0,00006147  | 0,02006682 | Bad news | -0,00045642  | -0,02548512  | No news | 0,00045044  | -0,00018644 |
| 11          | Good news | 0,00022249  | 0,02028931 | Bad news | -0,00018244  | -0,02566755  | No news | 0,00018109  | -0,00000535 |
| 12          | Good news | 0,00080066  | 0,02108997 | Bad news | -0,00079844  | -0,02646599  | No news | -0,00238588 | -0,00239124 |
| 13          | Good news | 0,00016789  | 0,02125786 | Bad news | -0,00022641  | -0,02669240  | No news | -0,00005802 | -0,00244925 |
| 14          | Good news | 0,00022277  | 0,02148064 | Bad news | -0,00044404  | -0,02713644  | No news | -0,00012436 | -0,00257361 |
| 15          | Good news | 0,00012358  | 0,02160422 | Bad news | 0,00017341   | -0,02696303  | No news | -0,00089426 | -0,00346787 |
| 16          | Good news | 0,00011317  | 0,02171739 | Bad news | 0,00016305   | -0,02679998  | No news | 0,00027156  | -0,00319631 |
| 17          | Good news | -0,00065460 | 0,02106278 | Bad news | -0,00047715  | -0,02727713  | No news | -0,00003413 | -0,00323044 |
| 18          | Good news | -0,00015973 | 0,02090306 | Bad news | 0,00050487   | -0,02677226  | No news | -0,00035512 | -0,00358556 |
| 19          | Good news | -0,00049902 | 0,02040404 | Bad news | -0,00064182  | -0,02741408  | No news | -0,00028371 | -0,00386927 |
| 20          | Good news | 0,00054812  | 0,02095216 | Bad news | -0,00022263  | -0,02763671  | No news | 0,00031347  | -0,00355580 |
| 21          | Good news | 0,00024414  | 0,02119630 | Bad news | -0,00059474  | -0,02823145  | No news | -0,00131482 | -0,00487062 |
| 22          | Good news | 0,00026950  | 0,02146581 | Bad news | 0,00038981   | -0,02784164  | No news | 0,00045031  | -0,00442031 |
| 23          | Good news | -0,00138985 | 0,02007596 | Bad news | -0,00040240  | -0,02824404  | No news | -0,00049726 | -0,00491757 |
| 24          | Good news | -0,00072855 | 0,01934740 | Bad news | -0,00023568  | -0,02847972  | No news | -0,00044329 | -0,00536086 |
| 25          | Good news | -0,00067615 | 0,01867125 | Bad news | 0,00086137   | -0,02761835  | No news | 0,00026290  | -0,00509796 |
| 26          | Good news | -0,00056886 | 0,01810240 | Bad news | 0,00012633   | -0,02749202  | No news | -0,00079696 | -0,00589491 |
| 27          | Good news | 0,00055818  | 0,01866057 | Bad news | 0,00049834   | -0,02699368  | No news | -0,00090336 | -0,00679827 |
| 28          | Good news | -0,00023617 | 0,01842440 | Bad news | -0,00068205  | -0,02767573  | No news | 0,00004153  | -0,00675674 |
| 29          | Good news | 0,00024186  | 0,01866626 | Bad news | 0,00078170   | -0,02689403  | No news | 0,00025611  | -0,00650063 |
| 30          | Good news | 0,00063072  | 0,01929699 | Bad news | -0,00012561  | -0,02701963  | No news | 0,00001897  | -0,00648166 |
| 31          | Good news | 0,00036197  | 0,01965896 | Bad news | 0,00064360   | -0,02637603  | No news | 0,00015263  | -0,00632903 |
| 32          | Good news | -0,00073051 | 0,01892844 | Bad news | -0,00061094  | -0,02698697  | No news | 0,00058487  | -0,00574416 |
| 33          | Good news | 0,00031081  | 0,01923925 | Bad news | 0,00024137   | -0,02674560  | No news | 0,00021922  | -0,00552495 |
| 34          | Good news | 0,00137186  | 0,02061111 | Bad news | 0,00183818   | -0,02490742  | No news | -0,00115589 | -0,00668083 |
| 35          | Good news | 0,00038948  | 0,02100058 | Bad news | 0,00075141   | -0,02415600  | No news | 0,00123912  | -0,00544171 |
| 36          | Good news | 0,00049766  | 0,02149825 | Bad news | 0,00029193   | -0,02386407  | No news | -0,00001995 | -0,00546166 |
| 37          | Good news | -0,00061155 | 0,02088670 | Bad news | -0,000100546 | -0,02486953  | No news | -0,00168653 | -0,00714819 |
| 38          | Good news | 0,00051411  | 0,02140081 | Bad news | 0,00018383   | -0,02468570  | No news | 0,00012887  | -0,00701932 |
| 39          | Good news | 0,00042198  | 0,02182278 | Bad news | 0,00030149   | -0,02438421  | No news | 0,00025958  | -0,00675974 |
| 40          | Good news | 0,00077274  | 0,02259552 | Bad news | -0,00029786  | -0,02468207  | No news | -0,00063752 | -0,00739726 |
| 41          | Good news | 0,00007402  | 0,02266954 | Bad news | 0,00110824   | -0,02357383  | No news | -0,00068565 | -0,00808291 |
| 42          | Good news | 0,00068594  | 0,02335548 | Bad news | 0,00010887   | -0,02346496  | No news | -0,00093607 | -0,00901898 |
| 43          | Good news | -0,00014460 | 0,02321088 | Bad news | 0,00145995   | -0,02200501  | No news | 0,00076233  | -0,00825666 |
| 44          | Good news | 0,00014287  | 0,02335375 | Bad news | -0,00021942  | -0,02222443  | No news | -0,00025029 | -0,00850694 |
| 45          | Good news | -0,00085273 | 0,02250102 | Bad news | 0,00022702   | -0,02199741  | No news | -0,00075148 | -0,00925843 |
| 46          | Good news | 0,00108954  | 0,02359056 | Bad news | 0,00039004   | -0,02160737  | No news | -0,00011113 | -0,00936955 |
| 47          | Good news | -0,00054692 | 0,02304364 | Bad news | -0,00128733  | -0,02289470  | No news | -0,00019661 | -0,00956616 |
| 48          | Good news | -0,00049572 | 0,02254792 | Bad news | 0,00057942   | -0,02231528  | No news | -0,00042088 | -0,00998704 |
| 49          | Good news | 0,00214463  | 0,02469255 | Bad news | 0,00142591   | -0,02088937  | No news | -0,00107602 | -0,01106306 |
| 50          | Good news | 0,00067190  | 0,02536445 | Bad news | 0,00119921   | -0,01969016  | No news | -0,00001528 | -0,01107834 |
| 51          | Good news | 0,00096860  | 0,02633305 | Bad news | -0,00020743  | -0,01989760  | No news | -0,00026987 | -0,01134821 |
| 52          | Good news | -0,00000792 | 0,02632513 | Bad news | 0,00065089   | -0,01924670  | No news | 0,00011816  | -0,01123005 |
| 53          | Good news | 0,00014310  | 0,02646823 | Bad news | -0,00056377  | -0,01981047  | No news | -0,00016475 | -0,01139480 |
| 54          | Good news | 0,00020819  | 0,02667642 | Bad news | 0,00001617   | -0,01979430  | No news | 0,00038392  | -0,01101087 |
| 55          | Good news | 0,00010792  | 0,02678433 | Bad news | 0,00010351   | -0,01969079  | No news | 0,00019910  | -0,01081177 |
| 56          | Good news | 0,00158250  | 0,02836684 | Bad news | 0,00067352   | -0,01901727  | No news | 0,00071881  | -0,01009296 |
| 57          | Good news | 0,00032155  | 0,02868839 | Bad news | -0,00149391  | -0,02051118  | No news | 0,00078637  | -0,00930659 |
| 58          | Good news | -0,00049753 | 0,02819086 | Bad news | -0,00129814  | -0,02180933  | No news | -0,00097102 | -0,01027761 |
| 59          | Good news | 0,00052843  | 0,02871928 | Bad news | -0,00041975  | -0,02222908  | No news | 0,00030963  | -0,00996798 |
| 60          | Good news | -0,00008863 | 0,02863066 | Bad news | 0,00049574   | -0,02173334  | No news | -0,00169017 | -0,01165815 |

## Nordic - Model 1 (SUE)

| Eventwindow | News      | AAR         | CAAR        | News     | AAR         | CAAR         | News    | AAR         | CAAR        |
|-------------|-----------|-------------|-------------|----------|-------------|--------------|---------|-------------|-------------|
| -15         | Good news | -0,00015871 | -0,00015871 | Bad news | -0,00012851 | -0,00012851  | No news | -0,00065422 | -0,00065422 |
| -14         | Good news | -0,00024595 | -0,00040465 | Bad news | -0,00016237 | -0,00029087  | No news | -0,00061032 | -0,00126454 |
| -13         | Good news | 0,00031580  | -0,00008885 | Bad news | -0,00118669 | -0,00147756  | No news | 0,00032134  | -0,00094320 |
| -12         | Good news | 0,00011127  | 0,00002242  | Bad news | -0,00046278 | -0,00194035  | No news | -0,00133935 | -0,00228255 |
| -11         | Good news | 0,00010724  | 0,00012966  | Bad news | -0,00127316 | -0,00321350  | No news | -0,00009288 | -0,00237543 |
| -10         | Good news | -0,00003440 | 0,00009526  | Bad news | 0,00126584  | -0,00194766  | No news | -0,00019331 | -0,00256874 |
| -9          | Good news | 0,00029943  | 0,00039469  | Bad news | -0,00050370 | -0,00245136  | No news | -0,00076208 | -0,00333082 |
| -8          | Good news | 0,00068499  | 0,00107968  | Bad news | 0,00005441  | -0,00239695  | No news | -0,00032486 | -0,00365568 |
| -7          | Good news | 0,00056187  | 0,00164155  | Bad news | -0,00037846 | -0,00277541  | No news | -0,00011434 | -0,00377002 |
| -6          | Good news | 0,00043879  | 0,00208034  | Bad news | -0,00004215 | -0,00281756  | No news | -0,00058714 | -0,00435716 |
| -5          | Good news | 0,00021219  | 0,00229253  | Bad news | 0,00042266  | -0,00239490  | No news | -0,00012900 | -0,00448615 |
| -4          | Good news | 0,00167074  | 0,00396327  | Bad news | 0,00037520  | -0,00201969  | No news | 0,00027689  | -0,00420926 |
| -3          | Good news | 0,00148231  | 0,00544558  | Bad news | 0,00093463  | -0,00108507  | No news | 0,00054537  | -0,00366389 |
| -2          | Good news | 0,00189114  | 0,00733671  | Bad news | -0,00087195 | -0,00195701  | No news | 0,00012766  | -0,00353623 |
| -1          | Good news | 0,00499691  | 0,01233363  | Bad news | 0,00321178  | 0,00125477   | No news | 0,00158592  | -0,00195031 |
| 0           | Good news | 0,00960869  | 0,02194232  | Bad news | -0,02209180 | -0,02083703  | No news | -0,00384076 | -0,00579107 |
| 1           | Good news | -0,00088219 | 0,02106013  | Bad news | -0,00454282 | -0,02537985  | No news | -0,00146006 | -0,00725113 |
| 2           | Good news | -0,00032986 | 0,02073026  | Bad news | -0,00144078 | -0,02682063  | No news | -0,00115722 | -0,00840835 |
| 3           | Good news | 0,00014122  | 0,02087148  | Bad news | 0,00004190  | -0,02677873  | No news | 0,00060208  | -0,00780627 |
| 4           | Good news | -0,00066333 | 0,02020815  | Bad news | 0,00017938  | -0,02659935  | No news | -0,00022907 | -0,00803534 |
| 5           | Good news | 0,00101896  | 0,02122710  | Bad news | 0,00101894  | -0,02558040  | No news | -0,00067886 | -0,00871420 |
| 6           | Good news | 0,00054853  | 0,02177563  | Bad news | -0,00008952 | -0,02566992  | No news | -0,00082494 | -0,00953914 |
| 7           | Good news | 0,00026736  | 0,02204299  | Bad news | 0,00009136  | -0,02557857  | No news | 0,00044476  | -0,00909438 |
| 8           | Good news | -0,00061674 | 0,02142625  | Bad news | -0,00059949 | -0,02617806  | No news | 0,00000590  | -0,00908849 |
| 9           | Good news | -0,00044342 | 0,02098283  | Bad news | 0,00000048  | -0,02617757  | No news | 0,00021954  | -0,00886894 |
| 10          | Good news | -0,00017585 | 0,02080698  | Bad news | 0,00013057  | -0,02604700  | No news | -0,00026747 | -0,00913642 |
| 11          | Good news | -0,00010480 | 0,02070218  | Bad news | 0,00015056  | -0,02589644  | No news | 0,00023925  | -0,00889717 |
| 12          | Good news | 0,00009967  | 0,02071185  | Bad news | -0,00067515 | -0,02657159  | No news | -0,00031336 | -0,00921053 |
| 13          | Good news | -0,00019346 | 0,02051839  | Bad news | 0,00012672  | -0,02644487  | No news | -0,00014709 | -0,00935761 |
| 14          | Good news | 0,00032163  | 0,02084002  | Bad news | -0,00045205 | -0,02689691  | No news | -0,00008938 | -0,00944700 |
| 15          | Good news | -0,00015042 | 0,02068960  | Bad news | 0,00007357  | -0,02682335  | No news | 0,00017670  | -0,00927029 |
| 16          | Good news | 0,00023184  | 0,02092144  | Bad news | 0,00032847  | -0,02649488  | No news | -0,00021806 | -0,00948835 |
| 17          | Good news | -0,00062162 | 0,02029982  | Bad news | -0,00000102 | -0,02649590  | No news | -0,00086339 | -0,01035174 |
| 18          | Good news | -0,00043998 | 0,01985984  | Bad news | 0,00051063  | -0,02598527  | No news | 0,00087122  | -0,00948052 |
| 19          | Good news | -0,00060223 | 0,01925761  | Bad news | -0,00111999 | -0,02710526  | No news | 0,00038015  | -0,00910038 |
| 20          | Good news | 0,00034255  | 0,01960016  | Bad news | 0,00042888  | -0,02667638  | No news | -0,00039897 | -0,00949935 |
| 21          | Good news | -0,00008046 | 0,01951971  | Bad news | 0,00003157  | -0,02664481  | No news | -0,00076904 | -0,01026839 |
| 22          | Good news | 0,00047782  | 0,01999753  | Bad news | 0,00024603  | -0,02639878  | No news | 0,00017134  | -0,01009705 |
| 23          | Good news | -0,00133397 | 0,01866356  | Bad news | -0,00050746 | -0,02690624  | No news | -0,00037934 | -0,01047640 |
| 24          | Good news | -0,00084963 | 0,01781393  | Bad news | -0,00020792 | -0,02711146  | No news | -0,00021912 | -0,01069551 |
| 25          | Good news | -0,00030194 | 0,01751199  | Bad news | 0,00066593  | -0,02644823  | No news | -0,00014020 | -0,01083571 |
| 26          | Good news | 0,00094065  | 0,01657134  | Bad news | 0,00039979  | -0,02604844  | No news | -0,00024526 | -0,01108097 |
| 27          | Good news | 0,00022626  | 0,01679760  | Bad news | 0,00070410  | -0,02534434  | No news | -0,00010149 | -0,01118246 |
| 28          | Good news | -0,00049729 | 0,01630031  | Bad news | -0,00027178 | -0,02561612  | No news | -0,00051907 | -0,01170152 |
| 29          | Good news | 0,00041275  | 0,01671307  | Bad news | 0,00118403  | -0,02443209  | No news | -0,00095539 | -0,01265691 |
| 30          | Good news | 0,00031813  | 0,01703120  | Bad news | 0,00056778  | -0,02386431  | No news | -0,00073593 | -0,01339284 |
| 31          | Good news | 0,00013908  | 0,01717027  | Bad news | 0,00107753  | -0,02278678  | No news | -0,00019481 | -0,01358765 |
| 32          | Good news | -0,00037394 | 0,01679634  | Bad news | -0,00036943 | -0,02315621  | No news | -0,00060634 | -0,01419399 |
| 33          | Good news | 0,00061580  | 0,01741213  | Bad news | 0,00053081  | -0,02262540  | No news | -0,00088714 | -0,01508113 |
| 34          | Good news | 0,00119579  | 0,01860793  | Bad news | 0,00129450  | -0,02133089  | No news | -0,00077653 | -0,01585766 |
| 35          | Good news | 0,00075727  | 0,01936520  | Bad news | 0,00095133  | -0,02037956  | No news | -0,00016062 | -0,01601828 |
| 36          | Good news | 0,00046899  | 0,01983419  | Bad news | 0,00068804  | -0,01969152  | No news | -0,00039503 | -0,01641332 |
| 37          | Good news | -0,00054932 | 0,01928486  | Bad news | -0,00131453 | -0,021000605 | No news | -0,00108701 | -0,01750032 |
| 38          | Good news | 0,00061428  | 0,01989915  | Bad news | 0,00052404  | -0,02048201  | No news | -0,00118338 | -0,01868371 |
| 39          | Good news | 0,00053386  | 0,02043300  | Bad news | 0,00036163  | -0,02012038  | No news | 0,00013649  | -0,01854722 |
| 40          | Good news | 0,00034104  | 0,02077404  | Bad news | 0,00022885  | -0,01989152  | No news | -0,00073799 | -0,01928521 |
| 41          | Good news | -0,00047912 | 0,02029493  | Bad news | 0,00164669  | -0,01824483  | No news | -0,00060895 | -0,01989415 |
| 42          | Good news | 0,00104336  | 0,02133829  | Bad news | -0,00035708 | -0,01860191  | No news | -0,00072621 | -0,02062036 |
| 43          | Good news | -0,00002564 | 0,02131265  | Bad news | 0,00156780  | -0,01703412  | No news | 0,00061151  | -0,02000885 |
| 44          | Good news | 0,00013973  | 0,02145238  | Bad news | -0,00050289 | -0,01753700  | No news | 0,00020795  | -0,01980090 |
| 45          | Good news | -0,00038300 | 0,02106938  | Bad news | -0,00040869 | -0,01794569  | No news | -0,00040173 | -0,02020263 |
| 46          | Good news | 0,00039841  | 0,02146779  | Bad news | 0,00076549  | -0,01718020  | No news | 0,00035564  | -0,01984699 |
| 47          | Good news | 0,00004936  | 0,02151715  | Bad news | -0,00172815 | -0,01890835  | No news | -0,00076339 | -0,02061038 |
| 48          | Good news | -0,00099764 | 0,02051951  | Bad news | 0,00125351  | -0,01765484  | No news | -0,00020526 | -0,02081565 |
| 49          | Good news | 0,00108554  | 0,02160505  | Bad news | 0,00190451  | -0,01575033  | No news | 0,00071395  | -0,02010169 |
| 50          | Good news | 0,00069021  | 0,02229526  | Bad news | 0,00140469  | -0,01434563  | No news | -0,00014505 | -0,02024674 |
| 51          | Good news | 0,00055393  | 0,02284919  | Bad news | 0,00028411  | -0,01406153  | No news | 0,00039377  | -0,01985297 |
| 52          | Good news | -0,00036307 | 0,02248612  | Bad news | 0,00090192  | -0,01315961  | No news | 0,00003701  | -0,01981596 |
| 53          | Good news | -0,00017491 | 0,02231121  | Bad news | -0,00033421 | -0,01349382  | No news | 0,00002820  | -0,01978776 |
| 54          | Good news | 0,00012403  | 0,02243524  | Bad news | 0,00040451  | -0,01308931  | No news | 0,00003123  | -0,01975653 |
| 55          | Good news | -0,00019653 | 0,02223871  | Bad news | 0,00103648  | -0,01205283  | No news | -0,00077070 | -0,02052723 |
| 56          | Good news | 0,00181846  | 0,02405717  | Bad news | 0,00002592  | -0,01202691  | No news | 0,00053600  | -0,01999123 |
| 57          | Good news | -0,00092980 | 0,02312737  | Bad news | 0,00034354  | -0,01168337  | No news | -0,00050395 | -0,02049518 |
| 58          | Good news | -0,00082412 | 0,02230326  | Bad news | -0,00154230 | -0,01322567  | No news | -0,00001923 | -0,02051441 |
| 59          | Good news | 0,00011405  | 0,02241731  | Bad news | 0,00029024  | -0,01293543  | No news | -0,00046336 | -0,02097777 |
| 60          | Good news | -0,00020288 | 0,02221442  | Bad news | 0,00004271  | -0,01289271  | No news | -0,00049942 | -0,02147718 |

## Nordic - Model 2 (SUE)

| Eventwindow | News      | AAR         | CAAR        | News     | AAR         | CAAR         | News    | AAR         | CAAR        |
|-------------|-----------|-------------|-------------|----------|-------------|--------------|---------|-------------|-------------|
| -15         | Good news | -0,00004118 | -0,00004118 | Bad news | -0,00048991 | -0,00048991  | No news | -0,00017129 | -0,00017129 |
| -14         | Good news | -0,0019142  | -0,0023260  | Bad news | -0,00029044 | -0,00078035  | No news | -0,00049025 | -0,00066154 |
| -13         | Good news | 0,00018492  | -0,00004768 | Bad news | -0,00077503 | -0,00155538  | No news | -0,00009784 | -0,00075938 |
| -12         | Good news | 0,00009197  | 0,00004429  | Bad news | -0,00052281 | -0,00207820  | No news | -0,00116350 | -0,00192288 |
| -11         | Good news | 0,00039040  | 0,00043468  | Bad news | -0,00150451 | -0,00358270  | No news | -0,00015290 | -0,00207578 |
| -10         | Good news | 0,00036600  | 0,00080068  | Bad news | 0,00084795  | -0,00273475  | No news | -0,00043788 | -0,00251366 |
| -9          | Good news | 0,00042887  | 0,00122955  | Bad news | -0,00075740 | -0,00349214  | No news | -0,00048643 | -0,00300009 |
| -8          | Good news | 0,00016620  | 0,00139575  | Bad news | 0,00014032  | -0,00335183  | No news | 0,00083564  | -0,00216444 |
| -7          | Good news | 0,00075361  | 0,00214936  | Bad news | -0,00039115 | -0,00374298  | No news | -0,00050631 | -0,00267075 |
| -6          | Good news | 0,00049207  | 0,00264143  | Bad news | -0,00047586 | -0,00421884  | No news | 0,00025487  | -0,00241589 |
| -5          | Good news | 0,00076228  | 0,00340371  | Bad news | -0,00015094 | -0,00436977  | No news | -0,00029297 | -0,00270886 |
| -4          | Good news | 0,00149664  | 0,00490035  | Bad news | 0,00072685  | -0,00364292  | No news | 0,00000868  | -0,00270017 |
| -3          | Good news | 0,00137804  | 0,00627839  | Bad news | 0,00136681  | -0,00227611  | No news | -0,00014557 | -0,00284574 |
| -2          | Good news | 0,00174823  | 0,00802662  | Bad news | -0,00055594 | -0,00283205  | No news | 0,00000774  | -0,00283801 |
| -1          | Good news | 0,00470265  | 0,01272927  | Bad news | 0,00319370  | 0,00036165   | No news | 0,00241175  | -0,00042626 |
| 0           | Good news | 0,00837404  | 0,02110331  | Bad news | -0,01910095 | -0,01873930  | No news | -0,00448064 | -0,00490689 |
| 1           | Good news | -0,00098475 | 0,02011856  | Bad news | -0,00445650 | -0,02319580  | No news | -0,00100341 | -0,00591030 |
| 2           | Good news | -0,00069171 | 0,01942686  | Bad news | -0,00118242 | -0,02437821  | No news | -0,00072461 | -0,00663491 |
| 3           | Good news | 0,00011716  | 0,01954402  | Bad news | 0,00037547  | -0,024000274 | No news | -0,00005241 | -0,00668732 |
| 4           | Good news | -0,00016246 | 0,01938156  | Bad news | -0,00033256 | -0,02433531  | No news | -0,00043762 | -0,00712495 |
| 5           | Good news | 0,00136031  | 0,02074187  | Bad news | 0,00065461  | -0,02368070  | No news | -0,00082302 | -0,00794797 |
| 6           | Good news | 0,00064607  | 0,02138793  | Bad news | -0,00034436 | -0,02402506  | No news | -0,00049949 | -0,00844746 |
| 7           | Good news | 0,00040508  | 0,02179301  | Bad news | 0,00028598  | -0,02373908  | No news | -0,00031853 | -0,00876599 |
| 8           | Good news | -0,00102628 | 0,02076673  | Bad news | 0,00008737  | -0,02365171  | No news | -0,00045813 | -0,00922412 |
| 9           | Good news | -0,00064286 | 0,02012388  | Bad news | 0,00056759  | -0,02308412  | No news | -0,00056152 | -0,00978564 |
| 10          | Good news | -0,00005483 | 0,02006905  | Bad news | -0,00033454 | -0,02341866  | No news | 0,00042931  | -0,00935633 |
| 11          | Good news | -0,00000104 | 0,02006801  | Bad news | 0,00007674  | -0,02334192  | No news | 0,00012731  | -0,00922902 |
| 12          | Good news | -0,00000469 | 0,02006331  | Bad news | -0,00064347 | -0,02398540  | No news | -0,00028631 | -0,00951533 |
| 13          | Good news | 0,00035072  | 0,02041403  | Bad news | -0,00032506 | -0,02431046  | No news | -0,00056287 | -0,01007820 |
| 14          | Good news | -0,00003070 | 0,02038333  | Bad news | -0,00007186 | -0,02438232  | No news | 0,00002730  | -0,01005090 |
| 15          | Good news | -0,00047074 | 0,01991260  | Bad news | 0,00044114  | -0,02394118  | No news | 0,00016370  | -0,00988720 |
| 16          | Good news | 0,00016291  | 0,02007550  | Bad news | 0,00023057  | -0,02371061  | No news | 0,00014561  | -0,00974159 |
| 17          | Good news | -0,00050528 | 0,01957022  | Bad news | -0,00048718 | -0,02419779  | No news | -0,00015066 | -0,00989226 |
| 18          | Good news | -0,00018281 | 0,01938741  | Bad news | 0,00055132  | -0,02364647  | No news | 0,00007727  | -0,00981499 |
| 19          | Good news | -0,00055057 | 0,01883684  | Bad news | -0,00087727 | -0,02452374  | No news | -0,00019000 | -0,01000499 |
| 20          | Good news | 0,00048481  | 0,01932165  | Bad news | 0,00019074  | -0,02433300  | No news | -0,00027624 | -0,01028123 |
| 21          | Good news | 0,00018338  | 0,01950503  | Bad news | -0,00027666 | -0,02460966  | No news | -0,00080128 | -0,01108250 |
| 22          | Good news | 0,00015304  | 0,01965807  | Bad news | 0,00086717  | -0,02374249  | No news | -0,00038185 | -0,01146436 |
| 23          | Good news | -0,00119228 | 0,01846579  | Bad news | -0,00055997 | -0,02430245  | No news | -0,00067061 | -0,01213496 |
| 24          | Good news | -0,00126617 | 0,01719962  | Bad news | 0,00020356  | -0,02409889  | No news | -0,00011565 | -0,01225061 |
| 25          | Good news | -0,00016213 | 0,01703749  | Bad news | 0,00048507  | -0,02361382  | No news | -0,00019429 | -0,01244490 |
| 26          | Good news | -0,00058319 | 0,01645430  | Bad news | 0,00024253  | -0,02337129  | No news | -0,00092724 | -0,01337214 |
| 27          | Good news | 0,00034596  | 0,01680026  | Bad news | 0,00069164  | -0,02267965  | No news | -0,00045244 | -0,01382457 |
| 28          | Good news | -0,00032625 | 0,01647401  | Bad news | -0,00028348 | -0,02296313  | No news | -0,00009529 | -0,01478386 |
| 29          | Good news | 0,00026004  | 0,01673405  | Bad news | 0,00110304  | -0,02186009  | No news | -0,00053831 | -0,01532217 |
| 30          | Good news | 0,00068603  | 0,01742008  | Bad news | -0,00001799 | -0,02187808  | No news | -0,00044505 | -0,01576723 |
| 31          | Good news | 0,00005414  | 0,01747422  | Bad news | 0,00106283  | -0,02081525  | No news | -0,00006731 | -0,01583454 |
| 32          | Good news | -0,00090800 | 0,01656622  | Bad news | 0,00029616  | -0,02051909  | No news | -0,00074464 | -0,01657917 |
| 33          | Good news | 0,00062503  | 0,01719125  | Bad news | 0,00043231  | -0,02008678  | No news | -0,00075639 | -0,01733557 |
| 34          | Good news | 0,00061154  | 0,01780279  | Bad news | 0,00146257  | -0,01862422  | No news | 0,00023483  | -0,01710074 |
| 35          | Good news | 0,00033746  | 0,01814025  | Bad news | 0,00117001  | -0,01745421  | No news | 0,00035710  | -0,01674363 |
| 36          | Good news | 0,00057656  | 0,01871681  | Bad news | 0,00057388  | -0,01688033  | No news | -0,00048373 | -0,01722736 |
| 37          | Good news | -0,00014003 | 0,01857679  | Bad news | -0,00149268 | -0,01837301  | No news | -0,00167856 | -0,01890592 |
| 38          | Good news | 0,00082304  | 0,01939982  | Bad news | 0,00026120  | -0,01811181  | No news | -0,00121003 | -0,02011594 |
| 39          | Good news | 0,00042010  | 0,01981993  | Bad news | 0,00005972  | -0,01760209  | No news | 0,00009470  | -0,02002125 |
| 40          | Good news | 0,00059499  | 0,02041491  | Bad news | -0,00012886 | -0,01773095  | No news | -0,00062781 | -0,02064906 |
| 41          | Good news | 0,00008639  | 0,02050131  | Bad news | 0,00093314  | -0,01679781  | No news | -0,00070471 | -0,02135377 |
| 42          | Good news | 0,00013599  | 0,02063729  | Bad news | 0,00018180  | -0,01661601  | No news | 0,00046197  | -0,02089180 |
| 43          | Good news | 0,00012357  | 0,02076086  | Bad news | 0,00125289  | -0,01536312  | No news | 0,00078827  | -0,02010353 |
| 44          | Good news | 0,00003663  | 0,02079749  | Bad news | -0,00009592 | -0,01545904  | No news | -0,00036684 | -0,02047038 |
| 45          | Good news | -0,00031937 | 0,02047812  | Bad news | -0,00074237 | -0,01620141  | No news | 0,00018815  | -0,02028223 |
| 46          | Good news | 0,00095398  | 0,02143210  | Bad news | 0,00048706  | -0,01571434  | No news | -0,00048976 | -0,02077199 |
| 47          | Good news | -0,00039581 | 0,02103629  | Bad news | -0,00121973 | -0,01693407  | No news | -0,00060302 | -0,02137501 |
| 48          | Good news | -0,00026664 | 0,02076964  | Bad news | 0,00052036  | -0,01641371  | No news | -0,00064940 | -0,02202441 |
| 49          | Good news | 0,00166127  | 0,02243091  | Bad news | 0,00131864  | -0,01509506  | No news | 0,00044082  | -0,02158360 |
| 50          | Good news | 0,00088552  | 0,02331643  | Bad news | 0,00078908  | -0,01430598  | No news | 0,00061509  | -0,02096850 |
| 51          | Good news | 0,00096375  | 0,02428017  | Bad news | 0,00024472  | -0,01406127  | No news | -0,00054871 | -0,02151721 |
| 52          | Good news | -0,00009407 | 0,02418611  | Bad news | 0,00078430  | -0,01327697  | No news | -0,00051333 | -0,02203054 |
| 53          | Good news | 0,00034119  | 0,02452730  | Bad news | -0,00066890 | -0,01394587  | No news | -0,00051643 | -0,02254697 |
| 54          | Good news | 0,00052850  | 0,02505579  | Bad news | 0,00005019  | -0,01389568  | No news | -0,00024744 | -0,02279441 |
| 55          | Good news | 0,00038656  | 0,02544236  | Bad news | 0,00023908  | -0,01365660  | No news | -0,00064391 | -0,02343832 |
| 56          | Good news | 0,00149232  | 0,02693468  | Bad news | 0,00064699  | -0,01300961  | No news | 0,00011424  | -0,02332408 |
| 57          | Good news | -0,00024378 | 0,02669089  | Bad news | -0,00062172 | -0,01363134  | No news | -0,00021705 | -0,02354113 |
| 58          | Good news | -0,00106518 | 0,02562571  | Bad news | -0,00105882 | -0,01469016  | No news | -0,00036525 | -0,02390638 |
| 59          | Good news | 0,00009686  | 0,02572257  | Bad news | 0,00024302  | -0,01444714  | No news | -0,00036246 | -0,02426883 |
| 60          | Good news | -0,00023310 | 0,02548947  | Bad news | 0,00019756  | -0,01424958  | No news | -0,00081365 | -0,02508248 |

## Nordic - Model 5 (SUE)

| Eventwindow | News      | AAR         | CAAR       | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|-------------|------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | 0,00026099  | 0,00026099 | Bad news | -0,00077488 | -0,00077488 | No news | -0,00036505 | -0,00036505 |
| -14         | Good news | -0,00005711 | 0,00020388 | Bad news | -0,00050957 | -0,00128445 | No news | 0,00003338  | -0,00033167 |
| -13         | Good news | 0,00008699  | 0,00029087 | Bad news | -0,00051244 | -0,00179689 | No news | -0,00032437 | -0,00065605 |
| -12         | Good news | 0,00016295  | 0,00045382 | Bad news | -0,00083313 | -0,00263002 | No news | -0,00047823 | -0,00113428 |
| -11         | Good news | 0,00036615  | 0,00081996 | Bad news | -0,00167877 | -0,00430880 | No news | 0,00023361  | -0,00090067 |
| -10         | Good news | 0,00013716  | 0,00095712 | Bad news | 0,00076221  | -0,00354658 | No news | 0,00014733  | -0,00075334 |
| -9          | Good news | 0,00008068  | 0,00103780 | Bad news | -0,00018311 | -0,00372969 | No news | -0,00033958 | -0,00109292 |
| -8          | Good news | 0,00014315  | 0,00118096 | Bad news | 0,00058780  | -0,00314190 | No news | 0,00071680  | -0,00037612 |
| -7          | Good news | 0,00095461  | 0,00213556 | Bad news | -0,00049782 | -0,00363971 | No news | -0,00063784 | -0,00101396 |
| -6          | Good news | 0,00032844  | 0,00246401 | Bad news | -0,00035231 | -0,00399203 | No news | 0,00034978  | -0,00066418 |
| -5          | Good news | 0,00098584  | 0,00344984 | Bad news | -0,00013170 | -0,00412373 | No news | -0,00053277 | -0,00119695 |
| -4          | Good news | 0,00181308  | 0,00526292 | Bad news | 0,00054179  | -0,00358194 | No news | -0,00011575 | -0,00131270 |
| -3          | Good news | 0,00132118  | 0,00658410 | Bad news | 0,00132361  | -0,00225833 | No news | 0,00021655  | -0,00109615 |
| -2          | Good news | 0,00183143  | 0,00841553 | Bad news | -0,00059686 | -0,00285519 | No news | 0,00038706  | -0,00070909 |
| -1          | Good news | 0,00441453  | 0,01283006 | Bad news | 0,00365716  | 0,00080197  | No news | 0,00228769  | 0,00157860  |
| 0           | Good news | 0,00812832  | 0,02095838 | Bad news | -0,01969061 | -0,01888864 | No news | -0,00193531 | -0,00035670 |
| 1           | Good news | -0,00075163 | 0,02020675 | Bad news | -0,00445434 | -0,02334298 | No news | -0,00146546 | -0,00182216 |
| 2           | Good news | -0,00082847 | 0,01937828 | Bad news | -0,00129244 | -0,02463542 | No news | -0,00063594 | -0,00245811 |
| 3           | Good news | 0,00016219  | 0,01954046 | Bad news | 0,00024039  | -0,02439502 | No news | 0,00006532  | -0,00239279 |
| 4           | Good news | -0,00043691 | 0,01910355 | Bad news | 0,00001125  | -0,02438377 | No news | -0,00069636 | -0,00308915 |
| 5           | Good news | 0,00189153  | 0,02099508 | Bad news | 0,00040937  | -0,02397440 | No news | -0,00109586 | -0,00418501 |
| 6           | Good news | 0,00063167  | 0,02162675 | Bad news | -0,00050517 | -0,02447957 | No news | -0,00002279 | -0,00420780 |
| 7           | Good news | 0,00079033  | 0,02241709 | Bad news | 0,00032745  | -0,02415212 | No news | -0,00079676 | -0,00500456 |
| 8           | Good news | -0,00064478 | 0,02177230 | Bad news | -0,00012699 | -0,02427911 | No news | -0,00125547 | -0,00626003 |
| 9           | Good news | -0,00056698 | 0,02120533 | Bad news | 0,00015193  | -0,02412718 | No news | -0,00035960 | -0,00661963 |
| 10          | Good news | 0,00007645  | 0,02128177 | Bad news | -0,00035542 | -0,02448260 | No news | 0,00000478  | -0,00661485 |
| 11          | Good news | 0,00016653  | 0,02144830 | Bad news | -0,00033080 | -0,02481340 | No news | 0,00067428  | -0,00594058 |
| 12          | Good news | 0,00023216  | 0,02168046 | Bad news | -0,00084977 | -0,02566317 | No news | -0,00045387 | -0,00639445 |
| 13          | Good news | 0,00000490  | 0,02168536 | Bad news | -0,00018333 | -0,02584650 | No news | 0,00033890  | -0,00605554 |
| 14          | Good news | 0,00024174  | 0,02192710 | Bad news | -0,00044525 | -0,02629174 | No news | -0,00002558 | -0,00608113 |
| 15          | Good news | -0,00025532 | 0,02167178 | Bad news | 0,00026308  | -0,02602866 | No news | 0,00017033  | -0,00591080 |
| 16          | Good news | 0,000001478 | 0,02168656 | Bad news | 0,00011025  | -0,02591841 | No news | 0,00052282  | -0,00538798 |
| 17          | Good news | -0,00059574 | 0,02109082 | Bad news | -0,00058152 | -0,02649993 | No news | -0,00007785 | -0,00546583 |
| 18          | Good news | -0,00000159 | 0,02108923 | Bad news | 0,00042373  | -0,02607620 | No news | -0,00056310 | -0,00620893 |
| 19          | Good news | -0,00055035 | 0,02053888 | Bad news | -0,00065842 | -0,02673462 | No news | -0,00019058 | -0,00621951 |
| 20          | Good news | 0,00069978  | 0,02123866 | Bad news | -0,00018586 | -0,02692048 | No news | -0,00028858 | -0,00650809 |
| 21          | Good news | 0,00017432  | 0,02141298 | Bad news | -0,00045946 | -0,02737994 | No news | -0,00119412 | -0,00770221 |
| 22          | Good news | 0,00027525  | 0,02168823 | Bad news | 0,00040948  | -0,02697046 | No news | 0,00033697  | -0,00736524 |
| 23          | Good news | -0,00125187 | 0,02043636 | Bad news | -0,00042049 | -0,02739094 | No news | -0,00084294 | -0,00820818 |
| 24          | Good news | -0,00111650 | 0,01931986 | Bad news | -0,00015630 | -0,02754724 | No news | 0,00032055  | -0,00788763 |
| 25          | Good news | -0,00065924 | 0,01866062 | Bad news | 0,00094700  | -0,02660024 | No news | 0,00016707  | -0,00772056 |
| 26          | Good news | -0,00071153 | 0,01794909 | Bad news | 0,00027321  | -0,02632702 | No news | -0,00068550 | -0,00840606 |
| 27          | Good news | 0,000402601 | 0,01836970 | Bad news | 0,00059622  | -0,02573081 | No news | -0,00053733 | -0,00894340 |
| 28          | Good news | -0,00004265 | 0,01832705 | Bad news | -0,00055467 | -0,02628547 | No news | -0,00071331 | -0,00965671 |
| 29          | Good news | 0,00013692  | 0,01846396 | Bad news | 0,00117485  | -0,02511063 | No news | -0,00037331 | -0,01003002 |
| 30          | Good news | 0,00071947  | 0,01918343 | Bad news | -0,00009800 | -0,02520863 | No news | -0,00034461 | -0,01037463 |
| 31          | Good news | 0,00052680  | 0,01971024 | Bad news | 0,00071403  | -0,02494549 | No news | -0,00052115 | -0,01089578 |
| 32          | Good news | -0,00051353 | 0,01919671 | Bad news | -0,00002413 | -0,02451872 | No news | -0,00118799 | -0,01208377 |
| 33          | Good news | 0,00052576  | 0,01972247 | Bad news | 0,00038852  | -0,02413020 | No news | -0,00076648 | -0,01285025 |
| 34          | Good news | 0,00090489  | 0,02062737 | Bad news | 0,00186458  | -0,02226562 | No news | -0,00067189 | -0,01352214 |
| 35          | Good news | 0,00059653  | 0,02122390 | Bad news | 0,00081744  | -0,02144818 | No news | 0,00041646  | -0,01310567 |
| 36          | Good news | 0,00063212  | 0,02185602 | Bad news | 0,00044266  | -0,02100552 | No news | -0,00032187 | -0,01342755 |
| 37          | Good news | -0,00035921 | 0,02149681 | Bad news | -0,00127480 | -0,02228032 | No news | -0,00132980 | -0,01475735 |
| 38          | Good news | 0,00066015  | 0,02215696 | Bad news | 0,00030765  | -0,02197267 | No news | -0,00066918 | -0,01542652 |
| 39          | Good news | 0,00040161  | 0,02255857 | Bad news | 0,00027839  | -0,02169427 | No news | 0,00041171  | -0,01501482 |
| 40          | Good news | 0,00086737  | 0,02342594 | Bad news | -0,00027421 | -0,02196849 | No news | -0,00075936 | -0,01577418 |
| 41          | Good news | 0,00004684  | 0,02347278 | Bad news | 0,00115526  | -0,02081322 | No news | -0,00065812 | -0,01643229 |
| 42          | Good news | 0,00077115  | 0,02424393 | Bad news | -0,00009805 | -0,02091128 | No news | -0,00049273 | -0,01692503 |
| 43          | Good news | -0,00004516 | 0,02419877 | Bad news | 0,00159803  | -0,01931325 | No news | 0,00054876  | -0,01637627 |
| 44          | Good news | 0,00017765  | 0,02437642 | Bad news | -0,00047726 | -0,01979050 | No news | 0,00015548  | -0,01622079 |
| 45          | Good news | -0,00089189 | 0,02348453 | Bad news | -0,00002054 | -0,01981105 | No news | 0,00011113  | -0,01610965 |
| 46          | Good news | 0,00112237  | 0,02460690 | Bad news | 0,00038059  | -0,01943046 | No news | -0,00003479 | -0,01614444 |
| 47          | Good news | -0,00044034 | 0,02416656 | Bad news | -0,00129260 | -0,02072306 | No news | -0,00054415 | -0,01668859 |
| 48          | Good news | -0,00050907 | 0,02365749 | Bad news | 0,00062141  | -0,02010165 | No news | -0,00005459 | -0,01674318 |
| 49          | Good news | 0,00222330  | 0,02588079 | Bad news | 0,00134031  | -0,01876134 | No news | -0,00062589 | -0,01736907 |
| 50          | Good news | 0,00076048  | 0,02664127 | Bad news | 0,00111304  | -0,01764831 | No news | 0,00006905  | -0,01730002 |
| 51          | Good news | 0,00112163  | 0,02776290 | Bad news | -0,00004205 | -0,01769036 | No news | -0,00055280 | -0,01785282 |
| 52          | Good news | 0,00016729  | 0,02793019 | Bad news | 0,00061602  | -0,01707434 | No news | -0,00030805 | -0,01816087 |
| 53          | Good news | 0,00018591  | 0,02811610 | Bad news | -0,00063135 | -0,01770569 | No news | -0,00005507 | -0,01821595 |
| 54          | Good news | 0,00013587  | 0,02825197 | Bad news | 0,00029059  | -0,01741509 | No news | -0,00006098 | -0,01827692 |
| 55          | Good news | 0,00038146  | 0,02863343 | Bad news | -0,00019390 | -0,01760900 | No news | 0,00010310  | -0,01817382 |
| 56          | Good news | 0,00160798  | 0,03024142 | Bad news | 0,00053458  | -0,01707442 | No news | 0,00100964  | -0,01716418 |
| 57          | Good news | 0,00020361  | 0,03044503 | Bad news | -0,00131850 | -0,01839292 | No news | 0,00023035  | -0,01693384 |
| 58          | Good news | -0,00065536 | 0,02978967 | Bad news | -0,00132649 | -0,01971940 | No news | -0,00067851 | -0,01761234 |
| 59          | Good news | 0,00064149  | 0,03043116 | Bad news | -0,00019776 | -0,01991716 | No news | -0,00036220 | -0,01797455 |
| 60          | Good news | 0,000001732 | 0,03044847 | Bad news | 0,00017751  | -0,01973966 | No news | -0,00085933 | -0,01883388 |

Denmark - Model 1 (UE)

| Eventwindow | News      | AAR         | CAAR        | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|-------------|-------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | -0,00161498 | -0,00161498 | Bad news | -0,00255039 | -0,00255039 | No news | -0,00100618 | -0,00100618 |
| -14         | Good news | -0,00118349 | -0,00279847 | Bad news | -0,00160284 | -0,00415323 | No news | 0,00223434  | 0,00122816  |
| -13         | Good news | -0,00081796 | -0,00361643 | Bad news | -0,00064199 | -0,00479522 | No news | 0,00006653  | 0,00129469  |
| -12         | Good news | 0,00198499  | -0,00163144 | Bad news | -0,00327331 | -0,00806852 | No news | 0,00155350  | 0,00284819  |
| -11         | Good news | -0,00011364 | -0,00174508 | Bad news | 0,00062958  | -0,00743895 | No news | -0,00319847 | -0,00035028 |
| -10         | Good news | -0,00440754 | -0,00615262 | Bad news | 0,00004453  | -0,00739442 | No news | 0,00177384  | 0,00142356  |
| -9          | Good news | 0,00045344  | -0,00569918 | Bad news | -0,00127847 | -0,00867289 | No news | -0,00072130 | 0,00070226  |
| -8          | Good news | -0,00081629 | -0,00651547 | Bad news | 0,00009936  | -0,00767926 | No news | 0,00131615  | 0,00201841  |
| -7          | Good news | 0,00032002  | -0,00619545 | Bad news | -0,00065113 | -0,00833039 | No news | 0,00040281  | 0,00242122  |
| -6          | Good news | -0,00018193 | -0,00637738 | Bad news | 0,00027098  | -0,00805940 | No news | -0,00233810 | 0,00008312  |
| -5          | Good news | 0,00246742  | -0,00390997 | Bad news | 0,00143518  | -0,00662423 | No news | -0,00192416 | -0,00184104 |
| -4          | Good news | 0,00062116  | -0,00328881 | Bad news | 0,00131120  | -0,00531302 | No news | 0,00090362  | -0,00093742 |
| -3          | Good news | -0,00051516 | -0,00380396 | Bad news | 0,00010950  | -0,00520352 | No news | -0,00095072 | -0,00188813 |
| -2          | Good news | 0,00285944  | -0,00094452 | Bad news | 0,00147421  | -0,00372930 | No news | 0,00139889  | -0,00049824 |
| -1          | Good news | 0,000523805 | 0,00429353  | Bad news | 0,00116461  | -0,00256470 | No news | 0,00271551  | 0,00222626  |
| 0           | Good news | 0,00944246  | 0,01373599  | Bad news | -0,01455283 | -0,01711753 | No news | 0,00413696  | 0,00636322  |
| 1           | Good news | -0,00149898 | 0,01223701  | Bad news | -0,00613626 | -0,02325378 | No news | -0,00122058 | 0,00514264  |
| 2           | Good news | -0,00023726 | 0,01199975  | Bad news | -0,00403077 | -0,02728455 | No news | -0,00156804 | 0,00357460  |
| 3           | Good news | -0,00083018 | 0,01116957  | Bad news | 0,00019623  | -0,02708831 | No news | 0,00045723  | 0,00403183  |
| 4           | Good news | -0,00183398 | 0,00933559  | Bad news | -0,00152031 | -0,02860863 | No news | 0,00277485  | 0,00680668  |
| 5           | Good news | 0,00080222  | 0,01013781  | Bad news | 0,00077097  | -0,02783766 | No news | -0,00052489 | 0,00628179  |
| 6           | Good news | 0,00067066  | 0,01080846  | Bad news | -0,00215327 | -0,02999093 | No news | -0,00344201 | 0,00283978  |
| 7           | Good news | 0,00009675  | 0,01090522  | Bad news | 0,00273470  | -0,02725623 | No news | 0,00481050  | 0,00765028  |
| 8           | Good news | -0,00189295 | 0,00901227  | Bad news | -0,00067671 | -0,02793295 | No news | 0,00003342  | 0,00768370  |
| 9           | Good news | 0,00112062  | 0,01013289  | Bad news | -0,00050849 | -0,02844144 | No news | 0,00655530  | 0,01423900  |
| 10          | Good news | 0,00079577  | 0,01092866  | Bad news | 0,00246832  | -0,02597312 | No news | -0,00405675 | 0,01018225  |
| 11          | Good news | 0,00175263  | 0,01268129  | Bad news | -0,00011134 | -0,02608446 | No news | 0,00386310  | 0,01404535  |
| 12          | Good news | 0,00089707  | 0,01357836  | Bad news | 0,00056919  | -0,02551527 | No news | -0,00274066 | 0,01130469  |
| 13          | Good news | -0,00164368 | 0,01193468  | Bad news | 0,00408785  | -0,02142743 | No news | 0,00125169  | 0,01255638  |
| 14          | Good news | 0,00055797  | 0,01249265  | Bad news | 0,00153020  | -0,01989723 | No news | 0,00176643  | 0,01432281  |
| 15          | Good news | -0,00048771 | 0,01200494  | Bad news | -0,00128476 | -0,02118198 | No news | 0,00169937  | 0,01602218  |
| 16          | Good news | 0,00008448  | 0,01208942  | Bad news | 0,00108438  | -0,02009761 | No news | 0,00065148  | 0,01667366  |
| 17          | Good news | -0,00310622 | 0,00898320  | Bad news | -0,00076709 | -0,02086470 | No news | -0,00305223 | 0,01362143  |
| 18          | Good news | -0,00054198 | 0,00844123  | Bad news | -0,00099145 | -0,02185615 | No news | 0,00272530  | 0,01634673  |
| 19          | Good news | -0,00217412 | 0,00626710  | Bad news | 0,00005169  | -0,02180446 | No news | -0,00140351 | 0,01494322  |
| 20          | Good news | -0,00203818 | 0,00422892  | Bad news | -0,00058704 | -0,02239150 | No news | 0,00221045  | 0,01715366  |
| 21          | Good news | -0,00068384 | 0,00354508  | Bad news | -0,00075549 | -0,02314698 | No news | -0,00229595 | 0,01485771  |
| 22          | Good news | 0,00121979  | 0,00476487  | Bad news | -0,00048515 | -0,02363213 | No news | -0,00273277 | 0,01212494  |
| 23          | Good news | -0,00084512 | 0,00391975  | Bad news | -0,00103898 | -0,02467111 | No news | 0,00310944  | 0,01523437  |
| 24          | Good news | -0,00129821 | 0,00262154  | Bad news | -0,00105781 | -0,02572892 | No news | 0,00290790  | 0,01814228  |
| 25          | Good news | -0,00011099 | 0,00251055  | Bad news | -0,00135418 | -0,02708310 | No news | -0,00144321 | 0,01669907  |
| 26          | Good news | -0,00188867 | 0,00062189  | Bad news | 0,00482132  | -0,02226178 | No news | -0,00312915 | 0,01356992  |
| 27          | Good news | 0,00154556  | 0,00216745  | Bad news | 0,00003382  | -0,02222797 | No news | 0,00469547  | 0,01826539  |
| 28          | Good news | -0,00022932 | 0,00193813  | Bad news | -0,00068152 | -0,02290949 | No news | -0,00139883 | 0,01686655  |
| 29          | Good news | 0,00022530  | 0,00216344  | Bad news | 0,00065448  | -0,02225501 | No news | -0,00226486 | 0,01460170  |
| 30          | Good news | -0,00021459 | 0,00194885  | Bad news | 0,000099861 | -0,02125640 | No news | 0,00340462  | 0,01800631  |
| 31          | Good news | -0,00046088 | 0,00148797  | Bad news | -0,00006059 | -0,02131700 | No news | 0,00068353  | 0,01868985  |
| 32          | Good news | -0,00027805 | 0,00120993  | Bad news | 0,00105485  | -0,02026214 | No news | -0,00084450 | 0,01784535  |
| 33          | Good news | 0,00047757  | 0,00168750  | Bad news | 0,00119154  | -0,01907060 | No news | 0,00118937  | 0,01903472  |
| 34          | Good news | 0,00515913  | 0,00684663  | Bad news | -0,00003379 | -0,01910439 | No news | -0,00033312 | 0,01870160  |
| 35          | Good news | 0,00063371  | 0,00748034  | Bad news | -0,00003510 | -0,01913948 | No news | 0,00091248  | 0,01961408  |
| 36          | Good news | -0,00096333 | 0,00651700  | Bad news | -0,00048540 | -0,01962488 | No news | -0,00147617 | 0,01813791  |
| 37          | Good news | -0,00006583 | 0,00645117  | Bad news | 0,00394944  | -0,01567544 | No news | -0,00143553 | 0,01670238  |
| 38          | Good news | -0,00178106 | 0,00467011  | Bad news | -0,00040083 | -0,01607627 | No news | -0,00032455 | 0,01637783  |
| 39          | Good news | 0,00106777  | 0,00573788  | Bad news | 0,00082380  | -0,01525247 | No news | -0,00088996 | 0,01548786  |
| 40          | Good news | 0,00142509  | 0,00716297  | Bad news | -0,00008084 | -0,01533331 | No news | -0,00218409 | 0,01330377  |
| 41          | Good news | -0,00059591 | 0,00656706  | Bad news | 0,00144862  | -0,01388469 | No news | 0,00144972  | 0,01475350  |
| 42          | Good news | 0,00174947  | 0,00831653  | Bad news | -0,00008275 | -0,01396744 | No news | 0,00254871  | 0,01730221  |
| 43          | Good news | 0,00169122  | 0,01000776  | Bad news | -0,00072939 | -0,01469683 | No news | 0,00412236  | 0,02142457  |
| 44          | Good news | 0,00070442  | 0,01071217  | Bad news | 0,00217169  | -0,01252514 | No news | 0,00300254  | 0,02442711  |
| 45          | Good news | -0,00041928 | 0,01029289  | Bad news | -0,00051906 | -0,01304420 | No news | -0,00472726 | 0,01969985  |
| 46          | Good news | -0,00091035 | 0,00938254  | Bad news | -0,00394351 | -0,01698771 | No news | 0,00294701  | 0,02264686  |
| 47          | Good news | -0,00160553 | 0,00777701  | Bad news | -0,00053950 | -0,01752721 | No news | -0,00207141 | 0,02057545  |
| 48          | Good news | -0,00130494 | 0,00647207  | Bad news | 0,00032063  | -0,01720658 | No news | -0,00230404 | 0,01827141  |
| 49          | Good news | 0,00385037  | 0,01032244  | Bad news | 0,00234746  | -0,01485912 | No news | -0,00124822 | 0,01702319  |
| 50          | Good news | -0,00030188 | 0,01002056  | Bad news | 0,00265791  | -0,01220121 | No news | 0,00395269  | 0,02097588  |
| 51          | Good news | 0,00053543  | 0,01055599  | Bad news | 0,00270391  | -0,00949730 | No news | 0,00026803  | 0,02124391  |
| 52          | Good news | -0,00291269 | 0,00764330  | Bad news | -0,00169485 | -0,01119215 | No news | -0,00260051 | 0,01864340  |
| 53          | Good news | -0,00236681 | 0,00527650  | Bad news | -0,00246279 | -0,01365494 | No news | -0,00100503 | 0,01763836  |
| 54          | Good news | -0,00138275 | 0,00389375  | Bad news | -0,00088317 | -0,01453811 | No news | -0,00044988 | 0,01718848  |
| 55          | Good news | -0,00428249 | -0,00038874 | Bad news | 0,00175155  | -0,01278656 | No news | 0,00234962  | 0,01953810  |
| 56          | Good news | 0,00210285  | 0,00171410  | Bad news | 0,00009988  | -0,01268668 | No news | -0,00029554 | 0,01924257  |
| 57          | Good news | -0,00153482 | 0,00017928  | Bad news | -0,00051346 | -0,01320014 | No news | -0,00209065 | 0,01715192  |
| 58          | Good news | -0,00187912 | -0,00169984 | Bad news | -0,00240561 | -0,01560575 | No news | 0,00175299  | 0,01890491  |
| 59          | Good news | -0,00072584 | -0,00242568 | Bad news | 0,00060707  | -0,01499868 | No news | -0,00300052 | 0,01590439  |
| 60          | Good news | 0,00044572  | -0,00197996 | Bad news | -0,00321775 | -0,01821644 | No news | 0,00127274  | 0,01717713  |

Denmark - Model 2 (UE)

| Eventwindow | News      | AAR          | CAAR        | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|--------------|-------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | -0,00150201  | -0,00150201 | Bad news | -0,00239761 | -0,00239761 | No news | -0,00159573 | -0,00159573 |
| -14         | Good news | -0,00102327  | -0,00252528 | Bad news | -0,00116785 | -0,00356546 | No news | 0,00023684  | -0,00135888 |
| -13         | Good news | -0,00151720  | -0,00404248 | Bad news | -0,00021510 | -0,00378056 | No news | 0,00123606  | -0,00012283 |
| -12         | Good news | -0,00126101  | -0,00530348 | Bad news | 0,00112929  | -0,00265127 | No news | -0,00088618 | -0,00100900 |
| -11         | Good news | -0,00034558  | -0,00564906 | Bad news | 0,00015469  | -0,00249658 | No news | -0,00085108 | -0,00186009 |
| -10         | Good news | -0,00368129  | -0,00933035 | Bad news | -0,00117439 | -0,00367098 | No news | 0,00226436  | 0,00040427  |
| -9          | Good news | 0,00187547   | -0,00745487 | Bad news | -0,00187967 | -0,00555065 | No news | -0,00346148 | -0,00305721 |
| -8          | Good news | 0,00000262   | -0,00745226 | Bad news | 0,00008189  | -0,00546875 | No news | 0,00102426  | -0,00203295 |
| -7          | Good news | -0,00025039  | -0,00770265 | Bad news | 0,00044874  | -0,00502002 | No news | -0,00141580 | -0,00344875 |
| -6          | Good news | 0,00014863   | -0,00755401 | Bad news | -0,00098620 | -0,00600621 | No news | 0,00126108  | -0,00218767 |
| -5          | Good news | 0,00324403   | -0,00430999 | Bad news | -0,00046784 | -0,00647405 | No news | 0,00312263  | 0,00093496  |
| -4          | Good news | 0,000002455  | -0,00428544 | Bad news | 0,00240506  | -0,00406899 | No news | -0,00164813 | -0,00071317 |
| -3          | Good news | -0,00012444  | -0,00440988 | Bad news | -0,00034779 | -0,00441679 | No news | -0,00102646 | -0,00173964 |
| -2          | Good news | 0,00205672   | -0,00235317 | Bad news | 0,00252750  | -0,00188929 | No news | 0,00084501  | -0,00089462 |
| -1          | Good news | 0,00507015   | 0,00271699  | Bad news | 0,00250677  | 0,00061748  | No news | -0,00053739 | -0,00143201 |
| 0           | Good news | 0,00666400   | 0,00938099  | Bad news | -0,00788115 | -0,00726367 | No news | -0,00074667 | -0,00217868 |
| 1           | Good news | -0,00059440  | 0,00878659  | Bad news | -0,00636287 | -0,01362655 | No news | -0,00162612 | -0,00380480 |
| 2           | Good news | 0,00054080   | 0,00932738  | Bad news | -0,00482002 | -0,01844656 | No news | 0,00041252  | -0,00339228 |
| 3           | Good news | -0,00101031  | 0,00831708  | Bad news | 0,00002833  | -0,01841823 | No news | 0,00156920  | -0,00182308 |
| 4           | Good news | -0,00132498  | 0,00699209  | Bad news | -0,00127717 | -0,01969540 | No news | -0,00015794 | -0,00198102 |
| 5           | Good news | -0,00004087  | 0,00695122  | Bad news | 0,00064360  | -0,01905181 | No news | 0,00356846  | 0,00158744  |
| 6           | Good news | 0,00023696   | 0,00718818  | Bad news | -0,00262837 | -0,02168018 | No news | 0,00159200  | 0,00317944  |
| 7           | Good news | 0,00160531   | 0,00879350  | Bad news | 0,00183615  | -0,01984403 | No news | 0,00130527  | 0,00448471  |
| 8           | Good news | -0,00233798  | 0,00645552  | Bad news | 0,00010749  | -0,01973654 | No news | -0,00191617 | 0,00256855  |
| 9           | Good news | 0,00115079   | 0,00760630  | Bad news | 0,00049035  | -0,01924618 | No news | 0,00352520  | 0,00609375  |
| 10          | Good news | 0,00155675   | 0,00916306  | Bad news | 0,00028648  | -0,01895970 | No news | 0,00077239  | 0,00686614  |
| 11          | Good news | 0,00307429   | 0,01223735  | Bad news | -0,00045104 | -0,01941074 | No news | 0,00085088  | 0,00771702  |
| 12          | Good news | 0,00176199   | 0,01399934  | Bad news | -0,00083717 | -0,02024792 | No news | -0,00055501 | 0,00716201  |
| 13          | Good news | -0,000005965 | 0,01393969  | Bad news | 0,00232741  | -0,01792051 | No news | -0,00066795 | 0,00649407  |
| 14          | Good news | -0,00064501  | 0,01329467  | Bad news | 0,00290454  | -0,01501596 | No news | 0,00057094  | 0,00706501  |
| 15          | Good news | 0,000006599  | 0,01336066  | Bad news | -0,00145839 | -0,01647435 | No news | 0,00073015  | 0,00779516  |
| 16          | Good news | -0,00160806  | 0,01175260  | Bad news | 0,00271567  | -0,01375868 | No news | 0,00036892  | 0,00816408  |
| 17          | Good news | -0,00244844  | 0,00930416  | Bad news | -0,00244320 | -0,01620187 | No news | 0,00019559  | 0,00835967  |
| 18          | Good news | -0,00057046  | 0,00873371  | Bad news | -0,00027076 | -0,01647263 | No news | 0,00029251  | 0,00865218  |
| 19          | Good news | -0,00366470  | 0,00506901  | Bad news | 0,00131233  | -0,01516030 | No news | -0,00157420 | 0,00707799  |
| 20          | Good news | -0,00035557  | 0,00471343  | Bad news | -0,00239869 | -0,01755900 | No news | 0,00254776  | 0,00962574  |
| 21          | Good news | -0,00063889  | 0,00407454  | Bad news | -0,00099969 | -0,01855869 | No news | -0,00156106 | 0,00806468  |
| 22          | Good news | -0,00046497  | 0,00360958  | Bad news | 0,00090062  | -0,01765807 | No news | -0,00101955 | 0,00704513  |
| 23          | Good news | -0,00050837  | 0,00310120  | Bad news | -0,00026413 | -0,01792220 | No news | -0,00121008 | 0,00583504  |
| 24          | Good news | -0,00093802  | 0,00216319  | Bad news | -0,00044654 | -0,01836874 | No news | -0,00100084 | 0,00483421  |
| 25          | Good news | -0,00019782  | 0,00196537  | Bad news | -0,00111617 | -0,01948492 | No news | -0,00159047 | 0,00324374  |
| 26          | Good news | -0,00172537  | 0,00024000  | Bad news | 0,00063773  | -0,01884719 | No news | 0,01078214  | 0,01402588  |
| 27          | Good news | 0,00334342   | 0,00358341  | Bad news | 0,00004599  | -0,01880120 | No news | -0,00200639 | 0,01201949  |
| 28          | Good news | 0,00014096   | 0,00372437  | Bad news | -0,00160226 | -0,02040346 | No news | 0,00114859  | 0,01316808  |
| 29          | Good news | 0,00033157   | 0,00405594  | Bad news | -0,00013307 | -0,02053653 | No news | 0,00022173  | 0,01338981  |
| 30          | Good news | 0,00096180   | 0,00501775  | Bad news | 0,00106666  | -0,01946987 | No news | -0,00225731 | 0,01113250  |
| 31          | Good news | -0,00126164  | 0,00375611  | Bad news | 0,00074614  | -0,01872373 | No news | 0,00053401  | 0,01166651  |
| 32          | Good news | -0,00154472  | 0,00221139  | Bad news | 0,00156597  | -0,01715777 | No news | 0,00163540  | 0,01330191  |
| 33          | Good news | 0,00112773   | 0,00333912  | Bad news | 0,00017699  | -0,01698077 | No news | 0,00251439  | 0,01581630  |
| 34          | Good news | 0,00054767   | 0,00388679  | Bad news | 0,00480989  | -0,01217089 | No news | 0,00062302  | 0,01643933  |
| 35          | Good news | 0,00075299   | 0,00463978  | Bad news | 0,00055614  | -0,01161475 | No news | -0,00181160 | 0,01462772  |
| 36          | Good news | 0,00019139   | 0,00483117  | Bad news | -0,00236608 | -0,01398083 | No news | 0,00144963  | 0,01607736  |
| 37          | Good news | 0,00049126   | 0,00532243  | Bad news | 0,00219040  | -0,01179042 | No news | 0,00155054  | 0,01762790  |
| 38          | Good news | -0,00079918  | 0,00452326  | Bad news | -0,00083452 | -0,01262495 | No news | -0,00326949 | 0,01435840  |
| 39          | Good news | 0,00038096   | 0,00490422  | Bad news | 0,00132838  | -0,01129657 | No news | -0,00020867 | 0,01414973  |
| 40          | Good news | 0,00187902   | 0,00678324  | Bad news | -0,00088654 | -0,01218311 | No news | -0,00021162 | 0,01393811  |
| 41          | Good news | 0,00035044   | 0,00713368  | Bad news | -0,00016489 | -0,01234799 | No news | 0,00355042  | 0,01748853  |
| 42          | Good news | 0,00216651   | 0,00930019  | Bad news | 0,00030179  | -0,01204621 | No news | 0,00012391  | 0,01761244  |
| 43          | Good news | 0,00079216   | 0,01009234  | Bad news | 0,00059532  | -0,01145089 | No news | 0,00379068  | 0,02140312  |
| 44          | Good news | 0,00030840   | 0,01040074  | Bad news | 0,00309450  | -0,00835639 | No news | 0,00013728  | 0,02154039  |
| 45          | Good news | -0,00057068  | 0,00983006  | Bad news | -0,00075072 | -0,00910711 | No news | -0,00348140 | 0,01805900  |
| 46          | Good news | -0,0003043   | 0,00979963  | Bad news | -0,00076181 | -0,00986892 | No news | -0,01278790 | 0,00527110  |
| 47          | Good news | -0,00215627  | 0,00764335  | Bad news | -0,00009400 | -0,00996293 | No news | -0,00226110 | 0,00301000  |
| 48          | Good news | -0,00079314  | 0,00685022  | Bad news | -0,00058689 | -0,01054981 | No news | -0,00153153 | 0,00147847  |
| 49          | Good news | 0,00424350   | 0,01109372  | Bad news | 0,00219792  | -0,00835189 | No news | -0,00206305 | -0,00058458 |
| 50          | Good news | 0,00036207   | 0,01145579  | Bad news | 0,00155997  | -0,00679192 | No news | 0,00477092  | 0,00418634  |
| 51          | Good news | 0,00280282   | 0,01425861  | Bad news | 0,00044220  | -0,00634972 | No news | -0,00085454 | 0,00333180  |
| 52          | Good news | -0,00275615  | 0,01150246  | Bad news | -0,00262040 | -0,00897013 | No news | 0,00016325  | 0,00349505  |
| 53          | Good news | -0,00169199  | 0,00981048  | Bad news | -0,00203454 | -0,01100466 | No news | -0,00561602 | -0,00212097 |
| 54          | Good news | -0,00166385  | 0,00814662  | Bad news | -0,00089202 | -0,01189669 | No news | 0,00064670  | -0,00147427 |
| 55          | Good news | -0,00334719  | 0,00479944  | Bad news | 0,00084183  | -0,01105485 | No news | -0,00022990 | -0,00170417 |
| 56          | Good news | 0,00134792   | 0,00614736  | Bad news | 0,00035450  | -0,01070035 | No news | 0,00267930  | 0,00097513  |
| 57          | Good news | -0,00110304  | 0,00504432  | Bad news | -0,00115639 | -0,01185674 | No news | -0,00175692 | -0,00078179 |
| 58          | Good news | -0,00204898  | 0,00299534  | Bad news | -0,00119900 | -0,01305574 | No news | -0,00211734 | -0,00289913 |
| 59          | Good news | -0,00236827  | 0,00062707  | Bad news | 0,00095401  | -0,01210172 | No news | 0,00164264  | -0,00125649 |
| 60          | Good news | -0,00039652  | 0,00023055  | Bad news | -0,00188951 | -0,01399124 | No news | 0,00116846  | -0,00008803 |

Denmark - Model 5 (UE)

| Eventwindow | News      | AAR          | CAAR        | News     | AAR         | CAAR        | News    | AAR          | CAAR        |
|-------------|-----------|--------------|-------------|----------|-------------|-------------|---------|--------------|-------------|
| -15         | Good news | -0,00068991  | -0,00068991 | Bad news | -0,00278917 | -0,00278917 | No news | -0,00198792  | -0,00198792 |
| -14         | Good news | -0,00235942  | -0,00304933 | Bad news | -0,00060865 | -0,00339782 | No news | 0,00222622   | 0,00023830  |
| -13         | Good news | -0,00205509  | -0,00510442 | Bad news | 0,00023037  | -0,00316745 | No news | 0,00009080   | 0,00032909  |
| -12         | Good news | -0,00056994  | -0,00567437 | Bad news | -0,00018447 | -0,00335192 | No news | 0,00132510   | 0,00165420  |
| -11         | Good news | 0,00029514   | -0,00537923 | Bad news | -0,00006702 | -0,00341894 | No news | -0,00182459  | -0,00017039 |
| -10         | Good news | -0,00541521  | -0,01079444 | Bad news | -0,00020471 | -0,00362365 | No news | 0,00450258   | 0,00433219  |
| -9          | Good news | 0,00078771   | -0,01000673 | Bad news | -0,00046282 | -0,00408648 | No news | -0,00205036  | 0,00228184  |
| -8          | Good news | 0,00040123   | -0,00960551 | Bad news | 0,00032158  | -0,00376490 | No news | -0,00067860  | 0,00160323  |
| -7          | Good news | 0,00010987   | -0,00949564 | Bad news | -0,00032317 | -0,00408807 | No news | -0,00069309  | 0,00091014  |
| -6          | Good news | -0,00023873  | -0,00973436 | Bad news | 0,00020381  | -0,00388427 | No news | -0,00224706  | -0,00133692 |
| -5          | Good news | 0,00348423   | -0,00625014 | Bad news | -0,00037714 | -0,00426141 | No news | 0,00248826   | 0,00115134  |
| -4          | Good news | -0,00006055  | -0,00631069 | Bad news | 0,00220571  | -0,00205570 | No news | 0,00022628   | 0,00137762  |
| -3          | Good news | -0,00023354  | -0,00654423 | Bad news | 0,00003123  | -0,00202447 | No news | -0,00220826  | -0,00083063 |
| -2          | Good news | 0,00269048   | -0,00385375 | Bad news | 0,00225228  | -0,00227781 | No news | 0,00026317   | -0,00056746 |
| -1          | Good news | 0,00690218   | 0,00304844  | Bad news | 0,00106834  | 0,00129615  | No news | -0,00150374  | -0,00207120 |
| 0           | Good news | 0,00559051   | 0,00863894  | Bad news | -0,00887482 | -0,00757866 | No news | 0,00535339   | 0,00328219  |
| 1           | Good news | 0,00000463   | 0,00864357  | Bad news | -0,00717769 | -0,01475635 | No news | -0,00158837  | 0,00169381  |
| 2           | Good news | -0,00045782  | 0,00818575  | Bad news | -0,00401346 | -0,01876981 | No news | 0,00020401   | 0,00189782  |
| 3           | Good news | -0,00213559  | 0,00605016  | Bad news | 0,00087471  | -0,01789510 | No news | 0,00195332   | 0,00385114  |
| 4           | Good news | -0,00089814  | 0,00515202  | Bad news | -0,00201290 | -0,01990800 | No news | 0,00005580   | 0,00390694  |
| 5           | Good news | -0,00037345  | 0,00477857  | Bad news | 0,00170680  | -0,01820119 | No news | 0,00060668   | 0,00451362  |
| 6           | Good news | 0,000329454  | 0,00517311  | Bad news | -0,00226495 | -0,02046615 | No news | -0,00097901  | 0,00353460  |
| 7           | Good news | 0,00211571   | 0,00728882  | Bad news | 0,00271635  | -0,01774980 | No news | -0,00260829  | 0,00092632  |
| 8           | Good news | -0,00122015  | 0,00606867  | Bad news | -0,00072069 | -0,01847049 | No news | -0,00256490  | -0,00163858 |
| 9           | Good news | 0,00120935   | 0,00727802  | Bad news | 0,00018803  | -0,01828246 | No news | 0,00416575   | 0,00252716  |
| 10          | Good news | 0,00249812   | 0,00977615  | Bad news | -0,00023508 | -0,01851753 | No news | -0,00163431  | 0,00089285  |
| 11          | Good news | 0,00280063   | 0,01257678  | Bad news | 0,00014794  | -0,01836959 | No news | 0,00065152   | 0,00154437  |
| 12          | Good news | 0,00128260   | 0,01385938  | Bad news | -0,00017128 | -0,01854088 | No news | -0,00012868  | 0,00141569  |
| 13          | Good news | 0,000003838  | 0,01389776  | Bad news | 0,000204888 | -0,01649200 | No news | 0,00026789   | 0,00168357  |
| 14          | Good news | -0,00016308  | 0,01373467  | Bad news | 0,00243421  | -0,01405778 | No news | 0,00038407   | 0,00206765  |
| 15          | Good news | 0,00123198   | 0,01496665  | Bad news | -0,00177071 | -0,01582850 | No news | -0,00205121  | 0,00001644  |
| 16          | Good news | -0,00136946  | 0,01359719  | Bad news | 0,00214128  | -0,01368722 | No news | 0,00213286   | 0,00214930  |
| 17          | Good news | -0,00247454  | 0,01112265  | Bad news | -0,00223300 | -0,01592022 | No news | -0,00126166  | 0,00088764  |
| 18          | Good news | -0,000080390 | 0,01031875  | Bad news | -0,00019137 | -0,01611160 | No news | 0,00077916   | 0,00166680  |
| 19          | Good news | -0,00292275  | 0,00739600  | Bad news | 0,00025798  | -0,01585361 | No news | -0,00092946  | 0,00073735  |
| 20          | Good news | -0,00094960  | 0,00644641  | Bad news | -0,00189302 | -0,01774664 | No news | 0,00176982   | 0,00250717  |
| 21          | Good news | -0,000002352 | 0,00642289  | Bad news | -0,00111161 | -0,01885825 | No news | -0,00340181  | -0,00089464 |
| 22          | Good news | -0,00012449  | 0,00629840  | Bad news | 0,00055661  | -0,01830164 | No news | 0,00026812   | -0,00062652 |
| 23          | Good news | -0,00133942  | 0,00495898  | Bad news | -0,00007508 | -0,01837672 | No news | 0,00145241   | 0,00082589  |
| 24          | Good news | -0,000000751 | 0,00495147  | Bad news | -0,00171427 | -0,02009099 | No news | 0,00074524   | 0,00157113  |
| 25          | Good news | -0,00066876  | 0,00428270  | Bad news | -0,00069116 | -0,02078215 | No news | -0,00137414  | 0,00019700  |
| 26          | Good news | -0,00139915  | 0,00288356  | Bad news | 0,00261891  | -0,01816324 | No news | -0,000111179 | 0,00008521  |
| 27          | Good news | 0,00282317   | 0,00570672  | Bad news | 0,00025729  | -0,01790595 | No news | -0,00078768  | -0,00070246 |
| 28          | Good news | 0,00075064   | 0,00645737  | Bad news | -0,00167808 | -0,01958403 | No news | -0,00028414  | -0,00098661 |
| 29          | Good news | -0,000005536 | 0,00640200  | Bad news | 0,000006532 | -0,01951871 | No news | -0,00002044  | -0,00100705 |
| 30          | Good news | 0,000304433  | 0,00670643  | Bad news | 0,00109250  | -0,01842622 | No news | 0,00196783   | 0,00096078  |
| 31          | Good news | -0,000070613 | 0,00600030  | Bad news | 0,00040959  | -0,01801662 | No news | -0,00068657  | 0,00027421  |
| 32          | Good news | -0,00154045  | 0,00445985  | Bad news | 0,00142854  | -0,01658809 | No news | 0,00205646   | 0,00233067  |
| 33          | Good news | 0,00111295   | 0,00557280  | Bad news | 0,00079988  | -0,01578821 | No news | 0,00070238   | 0,00303305  |
| 34          | Good news | 0,00143468   | 0,00700748  | Bad news | 0,00438694  | -0,01140127 | No news | 0,00101009   | 0,00404314  |
| 35          | Good news | 0,00044218   | 0,00744966  | Bad news | 0,00032750  | -0,01107377 | No news | 0,00037450   | 0,00441764  |
| 36          | Good news | 0,00034579   | 0,00779544  | Bad news | -0,00225273 | -0,01332650 | No news | 0,00013341   | 0,00455105  |
| 37          | Good news | 0,00067669   | 0,00847214  | Bad news | 0,00349558  | -0,00983092 | No news | -0,00326381  | 0,00128724  |
| 38          | Good news | -0,00053672  | 0,00793542  | Bad news | -0,00056923 | -0,01040015 | No news | -0,00404463  | -0,00275740 |
| 39          | Good news | 0,00038484   | 0,00832027  | Bad news | 0,00106474  | -0,00933541 | No news | 0,00020401   | -0,00255339 |
| 40          | Good news | 0,00270580   | 0,01102606  | Bad news | -0,00112706 | -0,01046247 | No news | -0,00210616  | -0,00465954 |
| 41          | Good news | -0,00060824  | 0,01041782  | Bad news | 0,00178528  | -0,00867719 | No news | 0,00008622   | -0,00457332 |
| 42          | Good news | 0,00293351   | 0,01335133  | Bad news | -0,00045379 | -0,00913098 | No news | 0,00004270   | -0,00453063 |
| 43          | Good news | 0,00075225   | 0,01410358  | Bad news | 0,00047609  | -0,00865489 | No news | 0,00381619   | -0,00071444 |
| 44          | Good news | 0,00034544   | 0,01444902  | Bad news | 0,00260174  | -0,00605315 | No news | 0,00159869   | 0,00088425  |
| 45          | Good news | -0,00075053  | 0,01369849  | Bad news | -0,00051247 | -0,00656562 | No news | -0,00309658  | -0,00221233 |
| 46          | Good news | -0,00075652  | 0,01294197  | Bad news | -0,00299110 | -0,00955672 | No news | -0,00034173  | -0,00255406 |
| 47          | Good news | -0,00235723  | 0,01058474  | Bad news | -0,00029643 | -0,00985315 | No news | -0,00062042  | -0,00317448 |
| 48          | Good news | -0,00054038  | 0,01004436  | Bad news | -0,00077698 | -0,01063013 | No news | -0,00161872  | -0,00479320 |
| 49          | Good news | 0,00375255   | 0,01379691  | Bad news | 0,00241334  | -0,00821679 | No news | 0,00055828   | -0,00423492 |
| 50          | Good news | 0,00082493   | 0,01462184  | Bad news | 0,00208822  | -0,00612857 | No news | 0,00057236   | -0,00366256 |
| 51          | Good news | 0,00281943   | 0,01744127  | Bad news | 0,00064263  | -0,00548594 | No news | -0,00002717  | -0,00368972 |
| 52          | Good news | -0,00207039  | 0,01537088  | Bad news | -0,00342987 | -0,00891582 | No news | -0,00091274  | -0,00460246 |
| 53          | Good news | -0,00138545  | 0,01398543  | Bad news | -0,00259085 | -0,01150667 | No news | -0,00442194  | -0,00902440 |
| 54          | Good news | -0,00118834  | 0,01279709  | Bad news | -0,00028352 | -0,01179018 | No news | -0,00375666  | -0,01278106 |
| 55          | Good news | -0,00259554  | 0,01020155  | Bad news | 0,00059337  | -0,01119682 | No news | -0,00165853  | -0,01443959 |
| 56          | Good news | 0,00153674   | 0,01173830  | Bad news | 0,00123965  | -0,00995717 | No news | 0,00076421   | -0,01367538 |
| 57          | Good news | -0,00178719  | 0,00995111  | Bad news | 0,00023458  | -0,00972259 | No news | -0,00404329  | -0,01771867 |
| 58          | Good news | -0,000004894 | 0,00990217  | Bad news | -0,00381151 | -0,01353410 | No news | 0,00019982   | -0,01751885 |
| 59          | Good news | -0,00091460  | 0,008989757 | Bad news | -0,00089908 | -0,01443318 | No news | 0,00156029   | -0,01595856 |
| 60          | Good news | 0,00084637   | 0,00983394  | Bad news | -0,00243806 | -0,01687124 | No news | -0,00082909  | -0,01678765 |

Denmark - Model 1 (SUE)

| Eventwindow | News      | AAR          | CAAR        | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|--------------|-------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | -0,00125912  | -0,00125912 | Bad news | -0,00267435 | -0,00267435 | No news | -0,00199887 | -0,00199887 |
| -14         | Good news | -0,00108597  | -0,00234509 | Bad news | -0,00059576 | -0,00327011 | No news | -0,00114560 | -0,00314447 |
| -13         | Good news | -0,00047726  | -0,00282235 | Bad news | -0,00044766 | -0,00371777 | No news | -0,00193515 | -0,00507962 |
| -12         | Good news | 0,00196686   | -0,00085549 | Bad news | -0,00324712 | -0,00696488 | No news | 0,00164261  | -0,00343702 |
| -11         | Good news | -0,00060726  | -0,00146274 | Bad news | 0,00010898  | -0,00685591 | No news | 0,00044874  | -0,00298828 |
| -10         | Good news | -0,00411856  | -0,00558130 | Bad news | 0,00032252  | -0,00653338 | No news | -0,00022857 | -0,00321685 |
| -9          | Good news | 0,00048318   | -0,00509813 | Bad news | -0,00155624 | -0,00808962 | No news | 0,00001596  | -0,00320088 |
| -8          | Good news | -0,00097504  | -0,00607316 | Bad news | 0,00131891  | -0,00677071 | No news | -0,00102483 | -0,00422572 |
| -7          | Good news | 0,00035471   | -0,00571845 | Bad news | -0,00069611 | -0,00746682 | No news | 0,00120162  | -0,00302410 |
| -6          | Good news | -0,00003120  | -0,00574965 | Bad news | 0,00030465  | -0,00716217 | No news | -0,00311748 | -0,00614158 |
| -5          | Good news | 0,00239815   | -0,00335149 | Bad news | 0,00108637  | -0,00607579 | No news | -0,00114090 | -0,00728248 |
| -4          | Good news | 0,00046742   | -0,00288408 | Bad news | 0,00124487  | -0,00483092 | No news | 0,00189996  | -0,00538252 |
| -3          | Good news | -0,00030494  | -0,00318902 | Bad news | 0,00005216  | -0,00477876 | No news | -0,00149923 | -0,00688175 |
| -2          | Good news | 0,00301199   | -0,00017703 | Bad news | 0,00159390  | -0,00318486 | No news | 0,00085900  | -0,00602275 |
| -1          | Good news | 0,00511469   | 0,00493766  | Bad news | 0,00121969  | -0,00196517 | No news | 0,00250264  | -0,00352012 |
| 0           | Good news | 0,01064622   | 0,01558388  | Bad news | -0,01388452 | -0,01584969 | No news | -0,00231760 | -0,00583771 |
| 1           | Good news | -0,00132889  | 0,01425499  | Bad news | -0,00555045 | -0,02140014 | No news | -0,00314901 | -0,00898672 |
| 2           | Good news | -0,00017038  | 0,01408461  | Bad news | -0,00433550 | -0,02573564 | No news | -0,00080716 | -0,00979388 |
| 3           | Good news | -0,00085678  | 0,01322783  | Bad news | 0,00033838  | -0,02539726 | No news | -0,00028415 | -0,01007803 |
| 4           | Good news | -0,00163558  | 0,01159225  | Bad news | -0,00158348 | -0,02698074 | No news | 0,00287360  | -0,00720444 |
| 5           | Good news | 0,00042401   | 0,01201626  | Bad news | 0,00105293  | -0,02592781 | No news | -0,00001955 | -0,00722398 |
| 6           | Good news | 0,00075706   | 0,01277332  | Bad news | -0,00227047 | -0,02819828 | No news | -0,00358062 | -0,01080461 |
| 7           | Good news | 0,00032076   | 0,01309407  | Bad news | 0,00258320  | -0,02561509 | No news | 0,00458172  | -0,00622289 |
| 8           | Good news | -0,00154967  | 0,01154441  | Bad news | -0,00081303 | -0,02642812 | No news | -0,00062053 | -0,00684341 |
| 9           | Good news | 0,00143267   | 0,01297707  | Bad news | -0,00005813 | -0,02648625 | No news | 0,00385620  | -0,00298721 |
| 10          | Good news | 0,00084118   | 0,01381825  | Bad news | 0,00199734  | -0,02448891 | No news | -0,00279495 | -0,00578216 |
| 11          | Good news | 0,00157619   | 0,01539444  | Bad news | -0,00005173 | -0,02454063 | No news | 0,00492006  | -0,00086210 |
| 12          | Good news | 0,00098736   | 0,01638180  | Bad news | 0,00050722  | -0,02403342 | No news | -0,00284302 | -0,00370512 |
| 13          | Good news | -0,00143451  | 0,01494729  | Bad news | 0,00386979  | -0,02016363 | No news | 0,00093283  | -0,00277229 |
| 14          | Good news | 0,00118193   | 0,01612923  | Bad news | 0,00122743  | -0,01893620 | No news | 0,00290810  | 0,00013581  |
| 15          | Good news | -0,00067461  | 0,01545461  | Bad news | -0,00074085 | -0,01967704 | No news | 0,00067956  | 0,00081537  |
| 16          | Good news | 0,00012871   | 0,01558332  | Bad news | 0,00138961  | -0,01828743 | No news | -0,00026448 | 0,00055089  |
| 17          | Good news | -0,00293539  | 0,01264793  | Bad news | -0,00075436 | -0,01904179 | No news | -0,00378609 | -0,00323520 |
| 18          | Good news | -0,00077265  | 0,01187529  | Bad news | -0,00132819 | -0,02036998 | No news | 0,00503246  | 0,00179726  |
| 19          | Good news | -0,00208035  | 0,00979493  | Bad news | -0,00034674 | -0,02071672 | No news | -0,00072439 | 0,00107287  |
| 20          | Good news | -0,00180792  | 0,00798701  | Bad news | -0,00034767 | -0,02106439 | No news | 0,00080724  | 0,00188010  |
| 21          | Good news | -0,00093849  | 0,00704852  | Bad news | -0,00095993 | -0,02202432 | No news | -0,00090951 | 0,00097059  |
| 22          | Good news | 0,00093013   | 0,00797865  | Bad news | -0,00053363 | -0,02255795 | No news | -0,00150881 | -0,00053822 |
| 23          | Good news | -0,00050223  | 0,00747642  | Bad news | -0,00105436 | -0,02361231 | No news | 0,00205287  | 0,00151466  |
| 24          | Good news | -0,00105762  | 0,00641880  | Bad news | -0,00088400 | -0,02449631 | No news | 0,00170880  | 0,00322345  |
| 25          | Good news | -0,00022942  | 0,00618938  | Bad news | -0,00200637 | -0,02650268 | No news | 0,00132592  | 0,00454938  |
| 26          | Good news | -0,00142883  | 0,00476054  | Bad news | 0,00455968  | -0,02194300 | No news | -0,00375535 | 0,00079403  |
| 27          | Good news | 0,00210354   | 0,00686408  | Bad news | 0,00027039  | -0,02167262 | No news | 0,00133650  | 0,00213052  |
| 28          | Good news | 0,00002444   | 0,00688851  | Bad news | -0,00077042 | -0,02244304 | No news | -0,00101278 | 0,00111774  |
| 29          | Good news | -0,00038839  | 0,00650013  | Bad news | 0,00041551  | -0,02202753 | No news | -0,00010930 | 0,00100844  |
| 30          | Good news | -0,00001863  | 0,00648149  | Bad news | 0,00102347  | -0,02100046 | No news | 0,00262192  | 0,00363036  |
| 31          | Good news | -0,00050365  | 0,00597785  | Bad news | -0,00030926 | -0,02131332 | No news | 0,00066884  | 0,00429920  |
| 32          | Good news | -0,00009978  | 0,00587807  | Bad news | 0,00075067  | -0,02056265 | No news | 0,00041041  | 0,00470961  |
| 33          | Good news | 0,00052354   | 0,00640160  | Bad news | 0,00123107  | -0,01933159 | No news | 0,00099179  | 0,00570140  |
| 34          | Good news | 0,00481375   | 0,01121536  | Bad news | -0,00025250 | -0,01958409 | No news | 0,00129007  | 0,00699147  |
| 35          | Good news | 0,00065489   | 0,01187025  | Bad news | 0,00020749  | -0,01937659 | No news | 0,00039006  | 0,00738153  |
| 36          | Good news | -0,00073600  | 0,01113425  | Bad news | -0,00056897 | -0,01994556 | No news | -0,00279658 | 0,00458495  |
| 37          | Good news | 0,00001183   | 0,01114608  | Bad news | 0,00394263  | -0,01600293 | No news | -0,00184116 | 0,00274378  |
| 38          | Good news | -0,00192418  | 0,00922190  | Bad news | -0,00034415 | -0,01634708 | No news | 0,00000003  | 0,00274382  |
| 39          | Good news | 0,00073003   | 0,00995193  | Bad news | 0,00076203  | -0,01558505 | No news | 0,00098517  | 0,00372899  |
| 40          | Good news | 0,00126977   | 0,01122171  | Bad news | 0,00004043  | -0,01554462 | No news | -0,00229772 | 0,00143126  |
| 41          | Good news | -0,00050462  | 0,01071709  | Bad news | 0,00109780  | -0,01444682 | No news | 0,00229837  | 0,00372964  |
| 42          | Good news | 0,00184531   | 0,01256240  | Bad news | -0,00020483 | -0,01465164 | No news | 0,00255511  | 0,00628474  |
| 43          | Good news | 0,00215503   | 0,01471743  | Bad news | -0,00012940 | -0,01478105 | No news | -0,00004932 | 0,00623542  |
| 44          | Good news | 0,00051122   | 0,01522865  | Bad news | 0,00210196  | -0,01267908 | No news | 0,00444921  | 0,01068463  |
| 45          | Good news | -0,00045747  | 0,01477118  | Bad news | -0,00062783 | -0,01330691 | No news | -0,00378513 | 0,00689950  |
| 46          | Good news | -0,00100209  | 0,01376909  | Bad news | -0,00347505 | -0,01678196 | No news | 0,00273600  | 0,00963550  |
| 47          | Good news | -0,002005766 | 0,01171143  | Bad news | -0,00035886 | -0,01714082 | No news | -0,00116597 | 0,00846954  |
| 48          | Good news | -0,00095159  | 0,01075984  | Bad news | 0,00036483  | -0,01677599 | No news | -0,00257493 | 0,00589461  |
| 49          | Good news | 0,00355215   | 0,01431199  | Bad news | 0,00207122  | -0,01470478 | No news | -0,00044733 | 0,00544728  |
| 50          | Good news | -0,00048226  | 0,01382973  | Bad news | 0,00258900  | -0,01211577 | No news | 0,00502081  | 0,01046808  |
| 51          | Good news | 0,00044472   | 0,01427445  | Bad news | 0,00298335  | -0,00913242 | No news | -0,00036451 | 0,01010357  |
| 52          | Good news | -0,00306584  | 0,01120861  | Bad news | -0,00175956 | -0,01089198 | No news | -0,00152106 | 0,00858252  |
| 53          | Good news | -0,00269909  | 0,00850953  | Bad news | -0,00284427 | -0,01373625 | No news | 0,00172687  | 0,01030938  |
| 54          | Good news | -0,00140154  | 0,00710799  | Bad news | -0,00117311 | -0,01490936 | No news | 0,00116128  | 0,0147066   |
| 55          | Good news | -0,00401353  | 0,00309447  | Bad news | 0,00217862  | -0,01273074 | No news | 0,00071955  | 0,01219022  |
| 56          | Good news | 0,00189090   | 0,00498537  | Bad news | 0,00032167  | -0,01240907 | No news | -0,00004357 | 0,01214664  |
| 57          | Good news | -0,00148067  | 0,00350470  | Bad news | -0,00083499 | -0,01324406 | No news | -0,00148396 | 0,01066268  |
| 58          | Good news | -0,00211618  | 0,00138852  | Bad news | -0,00255431 | -0,01579837 | No news | 0,00321532  | 0,01387800  |
| 59          | Good news | -0,00050596  | 0,00088256  | Bad news | 0,00001630  | -0,01578207 | No news | -0,00137322 | 0,01250478  |
| 60          | Good news | 0,00032468   | 0,00120724  | Bad news | -0,00322348 | -0,01900556 | No news | 0,00187725  | 0,01438202  |

Denmark - Model 2 (SUE)

| Eventwindow | News      | AAR         | CAAR        | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|-------------|-------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | -0,00153907 | -0,00153907 | Bad news | -0,00202658 | -0,00202658 | No news | -0,00284407 | -0,00284407 |
| -14         | Good news | -0,00073815 | -0,00227722 | Bad news | -0,00139923 | -0,00342581 | No news | 0,00052448  | -0,00231959 |
| -13         | Good news | -0,00203081 | -0,00430803 | Bad news | -0,00007189 | -0,00349770 | No news | 0,00288153  | 0,00056194  |
| -12         | Good news | -0,00140326 | -0,00571128 | Bad news | 0,00092494  | -0,00257276 | No news | 0,00055015  | 0,00111208  |
| -11         | Good news | -0,00046932 | -0,00618060 | Bad news | 0,00041216  | -0,00216060 | No news | -0,00173469 | -0,00062261 |
| -10         | Good news | -0,00338910 | -0,00956970 | Bad news | -0,00117672 | -0,00333732 | No news | 0,00075508  | 0,00013247  |
| -9          | Good news | 0,00166083  | -0,00790887 | Bad news | -0,00172645 | -0,00506376 | No news | -0,00311019 | -0,00297772 |
| -8          | Good news | -0,00052309 | -0,00843196 | Bad news | 0,00022042  | -0,00484334 | No news | 0,00061747  | -0,00236025 |
| -7          | Good news | -0,00000201 | -0,00845397 | Bad news | 0,00050194  | -0,00434140 | No news | -0,00175888 | -0,0041913  |
| -6          | Good news | 0,00033605  | -0,00811792 | Bad news | -0,00102256 | -0,00536397 | No news | 0,00085317  | -0,00326596 |
| -5          | Good news | 0,00287568  | -0,00524224 | Bad news | -0,00058735 | -0,00595131 | No news | 0,00457494  | 0,00130898  |
| -4          | Good news | 0,00036933  | -0,00487290 | Bad news | 0,00211835  | -0,00383296 | No news | -0,00171571 | -0,00040673 |
| -3          | Good news | 0,00031166  | -0,00456124 | Bad news | -0,00033363 | -0,00416659 | No news | -0,00251310 | -0,00291984 |
| -2          | Good news | 0,00247451  | -0,00208673 | Bad news | 0,00296490  | -0,00120169 | No news | -0,00183593 | -0,00475577 |
| -1          | Good news | 0,00430941  | 0,00222268  | Bad news | 0,00234625  | 0,00114456  | No news | 0,00304179  | -0,00171398 |
| 0           | Good news | 0,00833642  | 0,01055910  | Bad news | -0,00754660 | -0,00640205 | No news | -0,00718996 | -0,00890394 |
| 1           | Good news | -0,00024786 | 0,01031124  | Bad news | -0,00635054 | -0,01275259 | No news | -0,00223884 | -0,01114278 |
| 2           | Good news | 0,00038190  | 0,01069314  | Bad news | -0,00461319 | -0,01736578 | No news | 0,00001346  | -0,01112933 |
| 3           | Good news | -0,00113242 | 0,00956073  | Bad news | -0,00000965 | -0,01737543 | No news | 0,00169053  | -0,00943879 |
| 4           | Good news | -0,00139787 | 0,00816285  | Bad news | -0,00154209 | -0,01891752 | No news | 0,00147940  | -0,00795939 |
| 5           | Good news | 0,00034068  | 0,00850353  | Bad news | 0,00068776  | -0,01822975 | No news | 0,00155595  | -0,00640343 |
| 6           | Good news | 0,000443974 | 0,00894327  | Bad news | -0,00224513 | -0,02047489 | No news | -0,00079998 | -0,00720341 |
| 7           | Good news | 0,00253083  | 0,01147409  | Bad news | 0,00168931  | -0,01878557 | No news | -0,00195358 | -0,00915699 |
| 8           | Good news | -0,00248476 | 0,00898933  | Bad news | 0,00008206  | -0,01870352 | No news | -0,00088782 | -0,01004481 |
| 9           | Good news | 0,00110177  | 0,01009110  | Bad news | 0,00065713  | -0,01804639 | No news | 0,00280813  | -0,00723668 |
| 10          | Good news | 0,00141021  | 0,01150131  | Bad news | 0,00054204  | -0,01750435 | No news | 0,00054141  | -0,00669528 |
| 11          | Good news | 0,00252464  | 0,01402594  | Bad news | -0,00059966 | -0,01810401 | No news | 0,00388661  | -0,00280867 |
| 12          | Good news | 0,00222823  | 0,01625417  | Bad news | -0,00080301 | -0,0189702  | No news | -0,00207404 | -0,00488271 |
| 13          | Good news | -0,00004037 | 0,01621380  | Bad news | 0,00223071  | -0,01667631 | No news | -0,00051370 | -0,00539641 |
| 14          | Good news | -0,00012118 | 0,01609262  | Bad news | 0,00308414  | -0,01359217 | No news | 0,00045544  | -0,00494098 |
| 15          | Good news | 0,00012297  | 0,01621559  | Bad news | -0,00124435 | -0,01483652 | No news | -0,00052702 | -0,00546800 |
| 16          | Good news | -0,00196763 | 0,01424796  | Bad news | 0,00272034  | -0,01211618 | No news | 0,00221818  | -0,00324982 |
| 17          | Good news | -0,00236624 | 0,01188172  | Bad news | -0,00224857 | -0,01436475 | No news | -0,00090096 | -0,00415078 |
| 18          | Good news | -0,00069789 | 0,01118383  | Bad news | -0,00057535 | -0,01494010 | No news | 0,00158481  | -0,00256597 |
| 19          | Good news | 0,00347478  | 0,00770905  | Bad news | 0,00110681  | -0,01383329 | No news | -0,00189656 | -0,00446254 |
| 20          | Good news | -0,00028503 | 0,00742402  | Bad news | -0,00246101 | -0,01629430 | No news | 0,00251272  | -0,00194982 |
| 21          | Good news | -0,00116636 | 0,00625766  | Bad news | -0,00110813 | -0,01740242 | No news | 0,00063054  | -0,00131928 |
| 22          | Good news | -0,00079020 | 0,00546746  | Bad news | 0,00093672  | -0,01646571 | No news | 0,00021780  | -0,00110147 |
| 23          | Good news | -0,00070265 | 0,00476481  | Bad news | -0,00024113 | -0,01670683 | No news | -0,00035798 | -0,00145946 |
| 24          | Good news | -0,00082608 | 0,00393873  | Bad news | -0,00056817 | -0,01727500 | No news | -0,00075029 | -0,00220975 |
| 25          | Good news | -0,00045531 | 0,00348341  | Bad news | -0,00127737 | -0,01855237 | No news | -0,00002894 | -0,00223868 |
| 26          | Good news | 0,00087541  | 0,00435882  | Bad news | 0,00074095  | -0,01781142 | No news | -0,00000487 | -0,00224355 |
| 27          | Good news | 0,00307298  | 0,00743180  | Bad news | 0,00015131  | -0,01766011 | No news | -0,00123333 | -0,00347688 |
| 28          | Good news | 0,00052011  | 0,00795191  | Bad news | -0,00154665 | -0,01920677 | No news | 0,00057945  | -0,00289742 |
| 29          | Good news | 0,00001993  | 0,00797184  | Bad news | -0,00009094 | -0,01929771 | No news | -0,00006350 | -0,00296092 |
| 30          | Good news | 0,00044051  | 0,00841235  | Bad news | 0,00111766  | -0,01818006 | No news | -0,00023617 | -0,00319709 |
| 31          | Good news | -0,00183602 | 0,00657632  | Bad news | 0,00076220  | -0,01741785 | No news | 0,00152015  | -0,00167694 |
| 32          | Good news | -0,00168767 | 0,00488665  | Bad news | 0,00178028  | -0,01563758 | No news | 0,00220696  | 0,00053002  |
| 33          | Good news | 0,00127592  | 0,00616457  | Bad news | 0,00018803  | -0,01544955 | No news | 0,00187970  | 0,00240971  |
| 34          | Good news | 0,00049503  | 0,00665960  | Bad news | 0,00471964  | -0,01072991 | No news | 0,00085892  | 0,00326863  |
| 35          | Good news | 0,00075065  | 0,00741025  | Bad news | 0,00068050  | -0,01004941 | No news | -0,00172338 | 0,00154525  |
| 36          | Good news | 0,00032637  | 0,00773662  | Bad news | -0,00230823 | -0,01235764 | No news | 0,00007104  | 0,00161629  |
| 37          | Good news | 0,00095729  | 0,00869391  | Bad news | 0,00214427  | -0,01021237 | No news | 0,000002829 | 0,00164459  |
| 38          | Good news | -0,00106520 | 0,00762871  | Bad news | -0,00067019 | -0,01088356 | No news | -0,00295908 | -0,00131449 |
| 39          | Good news | 0,00021172  | 0,00784043  | Bad news | 0,00143580  | -0,00944776 | No news | 0,00029181  | -0,00102267 |
| 40          | Good news | 0,00209282  | 0,00993325  | Bad news | -0,00099911 | -0,01044687 | No news | -0,00062143 | -0,00164410 |
| 41          | Good news | 0,00091249  | 0,01084573  | Bad news | 0,00003602  | -0,01041086 | No news | 0,00004144  | -0,00160266 |
| 42          | Good news | 0,00181609  | 0,01266182  | Bad news | 0,00029029  | -0,01012057 | No news | 0,00153156  | -0,00007111 |
| 43          | Good news | 0,00140786  | 0,01406969  | Bad news | 0,00076746  | -0,00935311 | No news | 0,00044684  | 0,00037574  |
| 44          | Good news | 0,00031082  | 0,01438051  | Bad news | 0,00306914  | -0,00628397 | No news | 0,00036355  | 0,00073928  |
| 45          | Good news | -0,00084470 | 0,01353581  | Bad news | -0,00066185 | -0,00694582 | No news | -0,00182390 | -0,00108462 |
| 46          | Good news | -0,00273475 | 0,01080106  | Bad news | -0,00092502 | -0,00787085 | No news | 0,00021192  | -0,00087270 |
| 47          | Good news | -0,00240826 | 0,00839280  | Bad news | -0,00014942 | -0,00802027 | No news | -0,00142080 | -0,00229350 |
| 48          | Good news | -0,00056897 | 0,00782383  | Bad news | -0,00057922 | -0,00859949 | No news | -0,00076035 | -0,00305385 |
| 49          | Good news | 0,00407657  | 0,01190040  | Bad news | 0,00218951  | -0,00640998 | No news | -0,00217741 | -0,00523126 |
| 50          | Good news | 0,00006887  | 0,01196927  | Bad news | 0,00154875  | -0,00486123 | No news | 0,00537798  | 0,00014671  |
| 51          | Good news | 0,00308256  | 0,01505182  | Bad news | 0,00066194  | -0,00419929 | No news | -0,00263114 | -0,00248442 |
| 52          | Good news | -0,00258466 | 0,01246716  | Bad news | -0,00258410 | -0,00678339 | No news | -0,00075869 | -0,00324311 |
| 53          | Good news | -0,00170024 | 0,01076692  | Bad news | -0,00226433 | -0,00904772 | No news | -0,00486910 | -0,00811221 |
| 54          | Good news | -0,00115720 | 0,00960972  | Bad news | -0,00084672 | -0,00989444 | No news | -0,00140715 | -0,00951936 |
| 55          | Good news | -0,00310511 | 0,00650461  | Bad news | 0,00106332  | -0,00883112 | No news | -0,00143520 | -0,01095457 |
| 56          | Good news | 0,00164588  | 0,00815050  | Bad news | 0,00019637  | -0,00863475 | No news | 0,00227588  | -0,00867869 |
| 57          | Good news | -0,00079301 | 0,00735748  | Bad news | -0,00131125 | -0,00994600 | No news | -0,00260769 | -0,01128638 |
| 58          | Good news | -0,00222919 | 0,00512830  | Bad news | -0,00095258 | -0,01089858 | No news | -0,00298452 | -0,01427089 |
| 59          | Good news | -0,00232076 | 0,00280754  | Bad news | 0,00089569  | -0,01000288 | No news | 0,00218060  | -0,01209029 |
| 60          | Good news | -0,00043611 | 0,00237143  | Bad news | -0,00202677 | -0,01202965 | No news | 0,00157190  | -0,01051839 |

Denmark - Model 5 (SUE)

| Eventwindow | News      | AAR         | CAAR        | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|-------------|-------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | -0,00077729 | -0,00077729 | Bad news | -0,00299769 | -0,00299769 | No news | -0,00086153 | -0,00086153 |
| -14         | Good news | -0,00174889 | -0,00252618 | Bad news | -0,00054410 | -0,00354178 | No news | 0,00049862  | -0,00036290 |
| -13         | Good news | -0,00222374 | -0,00474992 | Bad news | 0,00020134  | -0,00334044 | No news | 0,00120211  | 0,00083921  |
| -12         | Good news | -0,00054794 | -0,00529786 | Bad news | -0,00015616 | -0,00349660 | No news | 0,00119770  | 0,00203690  |
| -11         | Good news | 0,00030158  | -0,00499628 | Bad news | -0,00010674 | -0,00360334 | No news | -0,00212568 | -0,00008877 |
| -10         | Good news | -0,00532875 | -0,01032504 | Bad news | 0,00012889  | -0,00347446 | No news | 0,00335987  | 0,00327110  |
| -9          | Good news | 0,00050101  | -0,00982402 | Bad news | -0,00041608 | -0,00389054 | No news | -0,00142159 | 0,00184951  |
| -8          | Good news | -0,00029594 | -0,01011996 | Bad news | 0,00047237  | -0,00341817 | No news | -0,00052691 | 0,00132260  |
| -7          | Good news | 0,00011746  | -0,01000250 | Bad news | -0,00027384 | -0,00369201 | No news | -0,00027144 | 0,00105116  |
| -6          | Good news | -0,00054565 | -0,01054815 | Bad news | 0,00018356  | -0,00350845 | No news | -0,00083701 | 0,00021415  |
| -5          | Good news | 0,00263810  | -0,00791005 | Bad news | -0,00043597 | -0,00394442 | No news | 0,00523597  | 0,00545012  |
| -4          | Good news | -0,00000746 | -0,00791751 | Bad news | 0,00223002  | -0,00171439 | No news | -0,00000277 | 0,00544735  |
| -3          | Good news | 0,00018408  | -0,00773343 | Bad news | 0,00007383  | -0,00164057 | No news | -0,00366852 | 0,00177883  |
| -2          | Good news | 0,00279768  | -0,00493575 | Bad news | 0,00215929  | 0,00051872  | No news | 0,00080117  | 0,00258000  |
| -1          | Good news | 0,00623771  | 0,00130196  | Bad news | 0,00099130  | 0,00151002  | No news | 0,00037741  | 0,00295741  |
| 0           | Good news | 0,00667937  | 0,00798133  | Bad news | -0,00793129 | -0,00642127 | No news | -0,00091291 | 0,00204450  |
| 1           | Good news | 0,00026542  | 0,00824675  | Bad news | -0,00714509 | -0,01356636 | No news | -0,00200973 | 0,00003477  |
| 2           | Good news | -0,00069743 | 0,00754932  | Bad news | -0,00398004 | -0,01754641 | No news | 0,00082774  | 0,00086252  |
| 3           | Good news | -0,00172094 | 0,00582837  | Bad news | 0,00094738  | -0,01659903 | No news | 0,00001122  | 0,00087374  |
| 4           | Good news | -0,00071754 | 0,00511084  | Bad news | -0,00205851 | -0,01865754 | No news | -0,00012061 | 0,00075313  |
| 5           | Good news | -0,00020515 | 0,00490569  | Bad news | 0,00165012  | -0,01700741 | No news | 0,00020549  | 0,00095861  |
| 6           | Good news | -0,00000045 | 0,00490524  | Bad news | -0,00211756 | -0,01912498 | No news | -0,00005286 | 0,00090575  |
| 7           | Good news | 0,00198470  | 0,00688993  | Bad news | 0,00252079  | -0,01660418 | No news | -0,00167959 | -0,00077384 |
| 8           | Good news | -0,00083359 | 0,00605634  | Bad news | -0,00084940 | -0,01745359 | No news | -0,00325033 | -0,00402416 |
| 9           | Good news | 0,00100490  | 0,00706124  | Bad news | 0,00034646  | -0,01710713 | No news | 0,00432642  | 0,00030225  |
| 10          | Good news | 0,00193748  | 0,00899872  | Bad news | -0,00021006 | -0,01731719 | No news | 0,00030589  | 0,00060815  |
| 11          | Good news | 0,00227950  | 0,01127822  | Bad news | -0,00003563 | -0,01735283 | No news | 0,00322929  | 0,00383743  |
| 12          | Good news | 0,00153399  | 0,01281221  | Bad news | -0,0002855  | -0,01738138 | No news | -0,00124640 | 0,00259104  |
| 13          | Good news | 0,00013928  | 0,01295149  | Bad news | 0,00184924  | -0,01553214 | No news | 0,00045281  | 0,00304385  |
| 14          | Good news | 0,00027368  | 0,01322517  | Bad news | 0,00259772  | -0,01293442 | No news | 0,00081418  | 0,00385803  |
| 15          | Good news | 0,00099310  | 0,01421827  | Bad news | -0,00176690 | -0,01470132 | No news | -0,00144252 | 0,00241551  |
| 16          | Good news | -0,00162122 | 0,01259705  | Bad news | 0,00241973  | -0,01228159 | No news | 0,00260151  | 0,00501702  |
| 17          | Good news | -0,00228223 | 0,01031481  | Bad news | -0,00219070 | -0,01447228 | No news | -0,00188863 | 0,00312839  |
| 18          | Good news | -0,00093252 | 0,00938229  | Bad news | -0,00005805 | -0,01453033 | No news | 0,00041694  | 0,00354533  |
| 19          | Good news | -0,00288202 | 0,00650027  | Bad news | 0,00044795  | -0,01408238 | No news | -0,00200824 | 0,00153708  |
| 20          | Good news | -0,00063253 | 0,00586774  | Bad news | -0,00186002 | -0,01594239 | No news | 0,00077177  | 0,00230885  |
| 21          | Good news | -0,00060420 | 0,00526354  | Bad news | -0,00145538 | -0,01739777 | No news | -0,00056465 | 0,00174420  |
| 22          | Good news | -0,00014977 | 0,00511377  | Bad news | 0,00065517  | -0,01674260 | No news | 0,00001960  | 0,00176380  |
| 23          | Good news | -0,00114156 | 0,00397222  | Bad news | 0,00029904  | -0,01644356 | No news | -0,00042819 | 0,00133561  |
| 24          | Good news | 0,000003981 | 0,00401203  | Bad news | -0,00145493 | -0,01789849 | No news | -0,00022722 | 0,00110839  |
| 25          | Good news | -0,00064828 | 0,00336375  | Bad news | -0,00080441 | -0,01870290 | No news | -0,00124266 | -0,00013427 |
| 26          | Good news | -0,00110943 | 0,00225432  | Bad news | 0,00271705  | -0,01598585 | No news | -0,00058155 | -0,0071582  |
| 27          | Good news | 0,00256230  | 0,00481662  | Bad news | 0,00030213  | -0,01568372 | No news | -0,00030406 | -0,00101988 |
| 28          | Good news | 0,00072708  | 0,00554370  | Bad news | -0,00145402 | -0,01713774 | No news | 0,00008880  | -0,00093108 |
| 29          | Good news | -0,00057860 | 0,00496509  | Bad news | -0,00012358 | -0,01726131 | No news | 0,00130841  | 0,00037733  |
| 30          | Good news | 0,00061116  | 0,00557626  | Bad news | 0,00110795  | -0,01615337 | No news | 0,00079332  | 0,00117065  |
| 31          | Good news | -0,00110345 | 0,00447280  | Bad news | 0,00043060  | -0,01572277 | No news | -0,00043018 | 0,00074046  |
| 32          | Good news | -0,00115084 | 0,00332196  | Bad news | 0,00161798  | -0,01410479 | No news | 0,00104464  | 0,00178510  |
| 33          | Good news | 0,00123802  | 0,00455998  | Bad news | 0,00091299  | -0,01319180 | No news | -0,00008387 | 0,00170123  |
| 34          | Good news | 0,00125326  | 0,00581324  | Bad news | 0,00456899  | -0,00862281 | No news | 0,00062250  | 0,00232374  |
| 35          | Good news | 0,00052073  | 0,00633396  | Bad news | 0,00041513  | -0,00820768 | No news | 0,00017079  | 0,00249453  |
| 36          | Good news | 0,00044589  | 0,00677985  | Bad news | -0,00223773 | -0,01044542 | No news | -0,00077582 | 0,00171871  |
| 37          | Good news | -0,00003480 | 0,00674505  | Bad news | 0,00365996  | -0,00678545 | No news | -0,00117529 | 0,00054342  |
| 38          | Good news | -0,00097000 | 0,00577505  | Bad news | -0,00057839 | -0,00736384 | No news | -0,00278181 | -0,00223838 |
| 39          | Good news | 0,00053883  | 0,00631388  | Bad news | 0,00106448  | -0,00629935 | No news | -0,00015835 | -0,00239674 |
| 40          | Good news | 0,00248678  | 0,00880066  | Bad news | -0,00127924 | -0,00757860 | No news | -0,00105213 | -0,00344887 |
| 41          | Good news | -0,00014061 | 0,00866005  | Bad news | 0,00182234  | -0,00575626 | No news | -0,00186060 | -0,00530947 |
| 42          | Good news | 0,00283948  | 0,01149954  | Bad news | -0,00045146 | -0,00620772 | No news | 0,00007692  | -0,00523256 |
| 43          | Good news | 0,00133061  | 0,01283014  | Bad news | 0,00067214  | -0,00553558 | No news | 0,00112640  | -0,00410616 |
| 44          | Good news | 0,00053956  | 0,01336970  | Bad news | 0,00270538  | -0,00283020 | No news | 0,00065385  | -0,00345232 |
| 45          | Good news | -0,00080711 | 0,01256259  | Bad news | -0,00074437 | -0,00357456 | No news | -0,00141352 | -0,00486583 |
| 46          | Good news | -0,00043242 | 0,01213017  | Bad news | -0,00295732 | -0,00653189 | No news | -0,00109804 | -0,00596387 |
| 47          | Good news | -0,00223963 | 0,00989054  | Bad news | -0,00043521 | -0,00696710 | No news | -0,00086227 | -0,00682614 |
| 48          | Good news | -0,00015556 | 0,00973499  | Bad news | -0,00076748 | -0,00773458 | No news | -0,00154310 | -0,00836924 |
| 49          | Good news | 0,00339894  | 0,01313392  | Bad news | 0,00269501  | -0,00503957 | No news | -0,00041520 | -0,00878444 |
| 50          | Good news | 0,00039620  | 0,01353012  | Bad news | 0,00176919  | -0,00327038 | No news | 0,00296462  | -0,00581982 |
| 51          | Good news | 0,00315644  | 0,01668657  | Bad news | 0,00077837  | -0,00249200 | No news | -0,00180888 | -0,00762870 |
| 52          | Good news | -0,00216527 | 0,01452129  | Bad news | -0,00330078 | -0,00579278 | No news | -0,00094859 | -0,00857728 |
| 53          | Good news | -0,00155434 | 0,01296696  | Bad news | -0,00264936 | -0,00844214 | No news | -0,00414421 | -0,01272150 |
| 54          | Good news | -0,00096739 | 0,01199957  | Bad news | -0,00021361 | -0,00865575 | No news | -0,00459684 | -0,01731834 |
| 55          | Good news | -0,00242802 | 0,00957155  | Bad news | 0,00060468  | -0,00805106 | No news | -0,00149114 | -0,01880948 |
| 56          | Good news | 0,00159136  | 0,01116291  | Bad news | 0,00112017  | -0,00693090 | No news | 0,00121003  | -0,01759945 |
| 57          | Good news | -0,00197463 | 0,00918828  | Bad news | 0,00004466  | -0,00688624 | No news | -0,00293818 | -0,02053762 |
| 58          | Good news | -0,00031368 | 0,00887460  | Bad news | -0,00334053 | -0,01022676 | No news | -0,00123168 | -0,02176930 |
| 59          | Good news | -0,00089627 | 0,00797833  | Bad news | -0,00066924 | -0,01089600 | No news | 0,00133301  | -0,02043629 |
| 60          | Good news | 0,00057137  | 0,00854970  | Bad news | -0,00254890 | -0,01344491 | No news | 0,00026942  | -0,02016688 |

Finland - Model 1 (UE)

| Eventwindow | News      | AAR         | CAAR       | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|-------------|------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | 0,00026374  | 0,00026374 | Bad news | -0,00051157 | -0,00051157 | No news | -0,00011822 | -0,00011822 |
| -14         | Good news | 0,00051960  | 0,00078334 | Bad news | 0,00165219  | 0,00114061  | No news | -0,00116995 | -0,00128816 |
| -13         | Good news | 0,00146780  | 0,00225114 | Bad news | -0,00120395 | -0,00006334 | No news | 0,00123672  | -0,00005145 |
| -12         | Good news | -0,00060328 | 0,00164786 | Bad news | -0,00086173 | -0,00092507 | No news | -0,00069914 | -0,00075058 |
| -11         | Good news | 0,00026176  | 0,00190962 | Bad news | -0,00005394 | -0,00097901 | No news | 0,00067058  | -0,00008001 |
| -10         | Good news | 0,00026362  | 0,00217324 | Bad news | -0,00044335 | -0,00142236 | No news | 0,00002833  | -0,00005168 |
| -9          | Good news | 0,00082742  | 0,00300066 | Bad news | -0,00028577 | -0,00170813 | No news | -0,00117707 | -0,00122874 |
| -8          | Good news | 0,00148266  | 0,00448333 | Bad news | 0,00286394  | 0,00115581  | No news | 0,00039285  | -0,00083589 |
| -7          | Good news | 0,00118933  | 0,00567266 | Bad news | -0,00139116 | -0,00023536 | No news | 0,00038822  | -0,00044767 |
| -6          | Good news | 0,00021481  | 0,00588746 | Bad news | -0,00059529 | -0,00083065 | No news | 0,00093859  | 0,00049092  |
| -5          | Good news | 0,00167816  | 0,00756562 | Bad news | -0,00243723 | -0,00326788 | No news | -0,00108918 | -0,00059827 |
| -4          | Good news | 0,00187789  | 0,00944351 | Bad news | 0,00036445  | -0,00290343 | No news | 0,00072504  | 0,00012677  |
| -3          | Good news | 0,00208044  | 0,01152395 | Bad news | 0,00073591  | -0,00216752 | No news | 0,00195452  | 0,00208129  |
| -2          | Good news | 0,00275189  | 0,01427584 | Bad news | -0,00056833 | -0,00273585 | No news | 0,00017159  | 0,00225288  |
| -1          | Good news | 0,00444038  | 0,01871622 | Bad news | 0,00233472  | -0,00040113 | No news | 0,00126401  | 0,00351688  |
| 0           | Good news | 0,00629424  | 0,02501045 | Bad news | -0,01975382 | -0,02015495 | No news | -0,00291396 | 0,00060292  |
| 1           | Good news | 0,00078484  | 0,02579530 | Bad news | -0,00074670 | -0,02090166 | No news | -0,00050102 | 0,00010191  |
| 2           | Good news | -0,00147503 | 0,02432026 | Bad news | -0,00127810 | -0,02217976 | No news | -0,00080914 | -0,00070723 |
| 3           | Good news | 0,00074204  | 0,02506230 | Bad news | -0,00028079 | -0,02246054 | No news | 0,00000868  | -0,00069855 |
| 4           | Good news | -0,00009210 | 0,02497020 | Bad news | -0,00024149 | -0,02270203 | No news | -0,00033357 | -0,00103212 |
| 5           | Good news | 0,00039617  | 0,02536637 | Bad news | 0,00069294  | -0,02200910 | No news | -0,00179509 | -0,00282721 |
| 6           | Good news | 0,00091797  | 0,02628434 | Bad news | 0,00065109  | -0,02135800 | No news | 0,00015033  | -0,00267687 |
| 7           | Good news | 0,00019849  | 0,02648283 | Bad news | -0,00104709 | -0,02240510 | No news | -0,00051263 | -0,00318950 |
| 8           | Good news | -0,00189518 | 0,02458765 | Bad news | -0,00068652 | -0,02309162 | No news | -0,00028877 | -0,00347827 |
| 9           | Good news | -0,00135909 | 0,02322856 | Bad news | 0,00083274  | -0,02225888 | No news | -0,00041561 | -0,00389389 |
| 10          | Good news | -0,00023471 | 0,02299385 | Bad news | 0,00164718  | -0,02061170 | No news | 0,00060010  | -0,00329379 |
| 11          | Good news | -0,00007862 | 0,02291523 | Bad news | 0,00079748  | -0,01981422 | No news | 0,00003058  | -0,00326321 |
| 12          | Good news | 0,00084439  | 0,02375962 | Bad news | -0,00124728 | -0,02106149 | No news | 0,00056071  | -0,00270250 |
| 13          | Good news | 0,00031015  | 0,02406977 | Bad news | 0,00167643  | -0,01938507 | No news | 0,00020981  | -0,00249269 |
| 14          | Good news | 0,00136867  | 0,02543844 | Bad news | -0,00170971 | -0,02109478 | No news | 0,00095151  | -0,00154118 |
| 15          | Good news | 0,00006437  | 0,02550281 | Bad news | 0,00178412  | -0,01931066 | No news | -0,00011339 | -0,00165457 |
| 16          | Good news | 0,00050208  | 0,02600489 | Bad news | -0,00163049 | -0,02094115 | No news | -0,00085334 | -0,00250791 |
| 17          | Good news | -0,00095935 | 0,02504554 | Bad news | 0,00130305  | -0,01963810 | No news | 0,00160624  | -0,00090167 |
| 18          | Good news | 0,00020909  | 0,02525463 | Bad news | 0,00029376  | -0,01934434 | No news | 0,00102181  | 0,00012014  |
| 19          | Good news | 0,00059189  | 0,02584652 | Bad news | 0,00012584  | -0,01921850 | No news | 0,00128331  | 0,00140346  |
| 20          | Good news | 0,00129865  | 0,02714517 | Bad news | 0,00087603  | -0,01834247 | No news | -0,00265427 | -0,00125081 |
| 21          | Good news | 0,00019392  | 0,02733909 | Bad news | -0,00127831 | -0,01962077 | No news | -0,00116125 | -0,00241206 |
| 22          | Good news | 0,00135436  | 0,02869345 | Bad news | -0,00094625 | -0,02056702 | No news | 0,00046094  | -0,00195113 |
| 23          | Good news | -0,00293088 | 0,02576257 | Bad news | -0,00201924 | -0,02258626 | No news | 0,00030519  | -0,00164593 |
| 24          | Good news | 0,00063440  | 0,02639697 | Bad news | 0,00118657  | -0,02139969 | No news | -0,00321997 | -0,00486590 |
| 25          | Good news | -0,00026088 | 0,02613609 | Bad news | 0,00048890  | -0,02091079 | No news | -0,00038531 | -0,00525121 |
| 26          | Good news | -0,00064961 | 0,02548648 | Bad news | -0,00147900 | -0,02238979 | No news | -0,00058737 | -0,00583857 |
| 27          | Good news | 0,00028307  | 0,02576955 | Bad news | 0,00069128  | -0,02169852 | No news | -0,00176565 | -0,00760422 |
| 28          | Good news | -0,00191244 | 0,02385710 | Bad news | -0,00207087 | -0,02376939 | No news | -0,00038861 | -0,00799283 |
| 29          | Good news | 0,00138341  | 0,02524051 | Bad news | 0,00109506  | -0,02267433 | No news | -0,00152532 | -0,00951814 |
| 30          | Good news | -0,00181033 | 0,02343018 | Bad news | -0,00159004 | -0,02426437 | No news | 0,00034674  | -0,00917141 |
| 31          | Good news | -0,00194369 | 0,02148649 | Bad news | -0,00120483 | -0,02546919 | No news | -0,00062406 | -0,00979547 |
| 32          | Good news | -0,00152141 | 0,01996508 | Bad news | -0,00082508 | -0,02629427 | No news | -0,00077604 | -0,01057151 |
| 33          | Good news | -0,00040012 | 0,01956496 | Bad news | -0,00125288 | -0,02754715 | No news | -0,00258073 | -0,01315124 |
| 34          | Good news | -0,00055961 | 0,01900535 | Bad news | -0,00133272 | -0,02887986 | No news | -0,00196470 | -0,01511694 |
| 35          | Good news | -0,00122663 | 0,01777872 | Bad news | 0,00163168  | -0,02724818 | No news | -0,00071404 | -0,01583098 |
| 36          | Good news | -0,00050404 | 0,01727467 | Bad news | -0,00019577 | -0,02744396 | No news | -0,00093241 | -0,01676339 |
| 37          | Good news | -0,00057940 | 0,01669528 | Bad news | 0,00002393  | -0,02742003 | No news | -0,00019960 | -0,01696299 |
| 38          | Good news | -0,00005044 | 0,01664484 | Bad news | 0,00076879  | -0,02665124 | No news | 0,00114134  | -0,01582165 |
| 39          | Good news | -0,00055913 | 0,01720396 | Bad news | -0,00153367 | -0,02818490 | No news | 0,00196603  | -0,01385562 |
| 40          | Good news | -0,00169808 | 0,01550589 | Bad news | -0,00146249 | -0,02964739 | No news | -0,00133830 | -0,01519393 |
| 41          | Good news | 0,00067496  | 0,01618084 | Bad news | 0,00128612  | -0,02836127 | No news | -0,00043624 | -0,01563017 |
| 42          | Good news | 0,00001501  | 0,01619585 | Bad news | 0,00051292  | -0,02784835 | No news | 0,00039588  | -0,01523429 |
| 43          | Good news | 0,000005107 | 0,01624692 | Bad news | 0,00031449  | -0,02753386 | No news | 0,00118972  | -0,01404457 |
| 44          | Good news | 0,00100749  | 0,01725441 | Bad news | 0,00063742  | -0,02689644 | No news | 0,00107062  | -0,01297395 |
| 45          | Good news | 0,00038428  | 0,01763869 | Bad news | 0,00089303  | -0,02600341 | No news | 0,00087051  | -0,01210344 |
| 46          | Good news | 0,00061861  | 0,01825730 | Bad news | 0,00024069  | -0,02576272 | No news | -0,00233012 | -0,01443356 |
| 47          | Good news | 0,00070916  | 0,01896646 | Bad news | -0,00049525 | -0,02625797 | No news | -0,00035760 | -0,01479116 |
| 48          | Good news | 0,00010806  | 0,01907451 | Bad news | 0,00047353  | -0,02578444 | No news | 0,00010194  | -0,01468922 |
| 49          | Good news | 0,00039903  | 0,01947354 | Bad news | 0,00100195  | -0,02478249 | No news | 0,00021228  | -0,01447693 |
| 50          | Good news | 0,00196668  | 0,02144022 | Bad news | 0,00234037  | -0,02244212 | No news | -0,00047346 | -0,01495039 |
| 51          | Good news | -0,00022217 | 0,02121805 | Bad news | -0,00055327 | -0,02299539 | No news | 0,00102377  | -0,01392662 |
| 52          | Good news | -0,00012378 | 0,02109426 | Bad news | 0,00182150  | -0,02117388 | No news | 0,00246969  | -0,01145694 |
| 53          | Good news | 0,00034267  | 0,02143693 | Bad news | 0,00124125  | -0,01993263 | No news | 0,00090459  | -0,01055235 |
| 54          | Good news | 0,00186785  | 0,02330479 | Bad news | 0,00088072  | -0,01905191 | No news | 0,00062431  | -0,00992805 |
| 55          | Good news | -0,00051325 | 0,02279153 | Bad news | 0,00181902  | -0,01723289 | No news | -0,00070210 | -0,01063015 |
| 56          | Good news | 0,00291878  | 0,02571032 | Bad news | 0,00100664  | -0,01622625 | No news | -0,00017869 | -0,01080884 |
| 57          | Good news | 0,00221106  | 0,02792137 | Bad news | 0,00106572  | -0,01516053 | No news | -0,00150691 | -0,01231574 |
| 58          | Good news | -0,00127466 | 0,02664671 | Bad news | -0,00309967 | -0,01826020 | No news | 0,00213416  | -0,01018158 |
| 59          | Good news | 0,00070225  | 0,02734896 | Bad news | 0,00189916  | -0,01636104 | No news | -0,00191475 | -0,01209633 |
| 60          | Good news | 0,00133259  | 0,02868155 | Bad news | 0,00008057  | -0,01628047 | No news | -0,00032205 | -0,01241838 |

Finland - Model 2 (UE)

| Eventwindow | News      | AAR         | CAAR       | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|-------------|------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | 0,00045638  | 0,00045638 | Bad news | -0,00117493 | -0,00117493 | No news | 0,00068187  | 0,00068187  |
| -14         | Good news | 0,00002186  | 0,00047824 | Bad news | 0,00225895  | 0,00108402  | No news | -0,00136479 | -0,00068292 |
| -13         | Good news | 0,00071877  | 0,00119701 | Bad news | -0,00029171 | 0,00079231  | No news | 0,00109895  | 0,00041603  |
| -12         | Good news | 0,00046215  | 0,00165916 | Bad news | -0,00082595 | -0,00003364 | No news | -0,00315728 | -0,00274125 |
| -11         | Good news | -0,00018299 | 0,00147617 | Bad news | 0,00022471  | 0,00019107  | No news | 0,00116059  | -0,00158065 |
| -10         | Good news | 0,00023639  | 0,00171255 | Bad news | -0,00116335 | -0,00097228 | No news | 0,00144214  | -0,00013851 |
| -9          | Good news | 0,00100645  | 0,00271900 | Bad news | -0,00026050 | -0,00123277 | No news | -0,00182243 | -0,00196094 |
| -8          | Good news | 0,00114674  | 0,00386574 | Bad news | 0,00307326  | 0,00184049  | No news | 0,00065871  | -0,00130223 |
| -7          | Good news | 0,00063806  | 0,00450380 | Bad news | -0,00076068 | 0,00107981  | No news | 0,00029989  | -0,00100234 |
| -6          | Good news | 0,00040507  | 0,00490887 | Bad news | -0,00021531 | 0,00086450  | No news | -0,00016075 | -0,00116310 |
| -5          | Good news | 0,00128034  | 0,00618921 | Bad news | -0,00224304 | -0,00137854 | No news | -0,00088075 | -0,00204385 |
| -4          | Good news | 0,00135666  | 0,00754587 | Bad news | 0,00067991  | -0,00069863 | No news | 0,00115691  | -0,00088694 |
| -3          | Good news | 0,00161165  | 0,00915752 | Bad news | 0,00079377  | 0,00009514  | No news | 0,00286033  | 0,00197339  |
| -2          | Good news | 0,00279002  | 0,01194754 | Bad news | -0,00072796 | -0,00063282 | No news | 0,00011470  | 0,00209808  |
| -1          | Good news | 0,00399610  | 0,01594364 | Bad news | 0,00245533  | 0,00182251  | No news | 0,00170637  | 0,00379445  |
| 0           | Good news | 0,00461109  | 0,02055474 | Bad news | -0,01826227 | -0,01643976 | No news | -0,00320414 | 0,00059031  |
| 1           | Good news | 0,00008525  | 0,02063999 | Bad news | -0,00069523 | -0,01713499 | No news | 0,00082379  | 0,00141411  |
| 2           | Good news | -0,00232895 | 0,01831104 | Bad news | -0,00052053 | -0,01765552 | No news | -0,00029643 | 0,00111767  |
| 3           | Good news | 0,00066883  | 0,01897988 | Bad news | -0,00082637 | -0,01848189 | No news | 0,00114032  | 0,00225800  |
| 4           | Good news | 0,00013907  | 0,01911895 | Bad news | -0,00022453 | -0,01870641 | No news | -0,00090594 | 0,00135206  |
| 5           | Good news | 0,00063111  | 0,01975006 | Bad news | 0,00007891  | -0,01862750 | No news | -0,00133526 | 0,00001679  |
| 6           | Good news | 0,00044731  | 0,02019737 | Bad news | 0,00118495  | -0,01744255 | No news | 0,00010102  | 0,00011782  |
| 7           | Good news | 0,00041682  | 0,02061419 | Bad news | -0,00105057 | -0,01849312 | No news | -0,00107419 | -0,00095638 |
| 8           | Good news | -0,00183252 | 0,01878168 | Bad news | -0,00003672 | -0,01852983 | No news | -0,00151514 | -0,00247151 |
| 9           | Good news | -0,00084129 | 0,01794038 | Bad news | 0,00116992  | -0,01735991 | No news | -0,00210435 | -0,00457586 |
| 10          | Good news | 0,00029943  | 0,01823981 | Bad news | 0,00107807  | -0,01628184 | No news | 0,00060269  | -0,00397317 |
| 11          | Good news | -0,00026546 | 0,01797435 | Bad news | 0,00111155  | -0,01517030 | No news | -0,00013473 | -0,00410790 |
| 12          | Good news | 0,00138329  | 0,01935764 | Bad news | -0,00190067 | -0,01707097 | No news | 0,00056086  | -0,00354705 |
| 13          | Good news | 0,00028955  | 0,01964719 | Bad news | 0,00210267  | -0,01496830 | No news | -0,00055474 | -0,00410178 |
| 14          | Good news | 0,00095048  | 0,02059767 | Bad news | -0,00099722 | -0,01596552 | No news | 0,00043716  | -0,00366462 |
| 15          | Good news | 0,00032269  | 0,02092036 | Bad news | 0,00151941  | -0,01444611 | No news | -0,00017485 | -0,00383947 |
| 16          | Good news | 0,00013163  | 0,02105199 | Bad news | -0,00128306 | -0,01572917 | No news | -0,00084588 | -0,00468535 |
| 17          | Good news | -0,00077104 | 0,02028095 | Bad news | 0,00150308  | -0,01422609 | No news | 0,00106513  | -0,00362022 |
| 18          | Good news | 0,00086238  | 0,02114332 | Bad news | -0,00033760 | -0,01456369 | No news | 0,00085273  | -0,00276749 |
| 19          | Good news | 0,00073448  | 0,02187780 | Bad news | 0,00017683  | -0,01438686 | No news | 0,00092416  | -0,00184333 |
| 20          | Good news | 0,00026103  | 0,02213883 | Bad news | 0,00061028  | -0,01377658 | No news | -0,00019436 | -0,00203768 |
| 21          | Good news | -0,00022535 | 0,02191348 | Bad news | -0,00156549 | -0,01534207 | No news | 0,00018340  | -0,00185429 |
| 22          | Good news | 0,00113851  | 0,02305199 | Bad news | -0,00031858 | -0,01566065 | No news | -0,00037516 | -0,00222945 |
| 23          | Good news | -0,00182385 | 0,02122814 | Bad news | -0,00339549 | -0,01905614 | No news | 0,00078704  | -0,00144241 |
| 24          | Good news | -0,00121297 | 0,02001517 | Bad news | 0,00135192  | -0,01770423 | No news | 0,00023991  | -0,00120250 |
| 25          | Good news | -0,00015829 | 0,01985688 | Bad news | 0,00066615  | -0,01703807 | No news | -0,00095645 | -0,00215895 |
| 26          | Good news | -0,00030325 | 0,01955363 | Bad news | -0,00128628 | -0,01832435 | No news | -0,00173572 | -0,00389467 |
| 27          | Good news | -0,00016472 | 0,01938891 | Bad news | 0,00035537  | -0,01796898 | No news | -0,00030250 | -0,00419717 |
| 28          | Good news | -0,00131633 | 0,01807259 | Bad news | -0,00185889 | -0,01982786 | No news | -0,00198918 | -0,00618635 |
| 29          | Good news | 0,00107323  | 0,01914582 | Bad news | 0,00151422  | -0,01831364 | No news | -0,00190783 | -0,00809418 |
| 30          | Good news | -0,00177735 | 0,01736847 | Bad news | -0,00132827 | -0,01964191 | No news | -0,00003032 | -0,00812450 |
| 31          | Good news | -0,00143124 | 0,01593723 | Bad news | -0,00122521 | -0,02086712 | No news | -0,00159832 | -0,00972282 |
| 32          | Good news | -0,00092580 | 0,01501143 | Bad news | -0,00074203 | -0,02160914 | No news | -0,00218757 | -0,01191039 |
| 33          | Good news | -0,00093567 | 0,01407576 | Bad news | -0,00172475 | -0,02333389 | No news | -0,00068892 | -0,01259931 |
| 34          | Good news | 0,00014346  | 0,01421922 | Bad news | -0,00135126 | -0,02468515 | No news | -0,00363605 | -0,01623535 |
| 35          | Good news | -0,00186455 | 0,01235468 | Bad news | 0,00163336  | -0,02305179 | No news | 0,00079009  | -0,01544526 |
| 36          | Good news | -0,00080432 | 0,01155035 | Bad news | -0,00075509 | -0,02380687 | No news | 0,00077745  | -0,01466782 |
| 37          | Good news | -0,00109370 | 0,01045665 | Bad news | 0,00066183  | -0,02314504 | No news | -0,00023549 | -0,01490330 |
| 38          | Good news | -0,00043145 | 0,01002520 | Bad news | 0,00106631  | -0,02207873 | No news | 0,00153907  | -0,01336423 |
| 39          | Good news | 0,00146480  | 0,01148999 | Bad news | -0,00111028 | -0,02318901 | No news | -0,00076739 | -0,01413162 |
| 40          | Good news | -0,00160567 | 0,00988433 | Bad news | -0,00161236 | -0,02480137 | No news | -0,00122058 | -0,01535220 |
| 41          | Good news | 0,00145989  | 0,01134422 | Bad news | 0,00110502  | -0,02369635 | No news | -0,00193298 | -0,01728518 |
| 42          | Good news | -0,00053045 | 0,01081377 | Bad news | 0,00036837  | -0,02332798 | No news | 0,00193198  | -0,01535320 |
| 43          | Good news | 0,00095527  | 0,01176904 | Bad news | -0,00029623 | -0,02362421 | No news | 0,00045317  | -0,01490004 |
| 44          | Good news | 0,00015128  | 0,01192032 | Bad news | 0,00098961  | -0,02263461 | No news | 0,00230515  | -0,01259489 |
| 45          | Good news | -0,00015917 | 0,01176115 | Bad news | 0,00074211  | -0,02189249 | No news | 0,00242411  | -0,01017078 |
| 46          | Good news | 0,00101613  | 0,01277728 | Bad news | -0,00029379 | -0,02218628 | No news | -0,00246377 | -0,01263455 |
| 47          | Good news | -0,00015239 | 0,01262488 | Bad news | 0,00010729  | -0,02207899 | No news | 0,00029378  | -0,01234077 |
| 48          | Good news | 0,00081520  | 0,01344008 | Bad news | 0,00020963  | -0,02186936 | No news | -0,00096451 | -0,01330528 |
| 49          | Good news | 0,00025131  | 0,01369140 | Bad news | 0,00125926  | -0,02061010 | No news | 0,00003818  | -0,01326710 |
| 50          | Good news | 0,00179656  | 0,01548796 | Bad news | 0,00147557  | -0,01913452 | No news | 0,00135042  | -0,01191667 |
| 51          | Good news | 0,00011733  | 0,01560529 | Bad news | -0,00161656 | -0,02075108 | No news | 0,00241902  | -0,00949765 |
| 52          | Good news | 0,00070071  | 0,01630600 | Bad news | 0,00273611  | -0,01801497 | No news | -0,00086582 | -0,01036347 |
| 53          | Good news | 0,00063438  | 0,01694038 | Bad news | 0,00134684  | -0,01666813 | No news | 0,00011374  | -0,01024972 |
| 54          | Good news | 0,00186914  | 0,01880952 | Bad news | 0,00029329  | -0,01637484 | No news | 0,00162409  | -0,00862563 |
| 55          | Good news | -0,00015153 | 0,01865799 | Bad news | 0,00224404  | -0,01413080 | No news | -0,00231285 | -0,01093848 |
| 56          | Good news | 0,00201836  | 0,02067635 | Bad news | 0,00125447  | -0,01287634 | No news | 0,00104669  | -0,00989179 |
| 57          | Good news | 0,00157861  | 0,02225496 | Bad news | 0,00033750  | -0,01253884 | No news | 0,00094974  | -0,00894204 |
| 58          | Good news | -0,00145296 | 0,02080200 | Bad news | -0,00255235 | -0,01509119 | No news | 0,00176727  | -0,00717477 |
| 59          | Good news | 0,00024844  | 0,02105044 | Bad news | 0,00118233  | -0,01390886 | No news | 0,00025234  | -0,00692243 |
| 60          | Good news | 0,00141439  | 0,02246483 | Bad news | -0,00015547 | -0,01406432 | No news | -0,00021818 | -0,00714061 |

Finland - Model 5 (UE)

| Eventwindow | News      | AAR          | CAAR       | News     | AAR          | CAAR        | News    | AAR          | CAAR        |
|-------------|-----------|--------------|------------|----------|--------------|-------------|---------|--------------|-------------|
| -15         | Good news | 0,00065406   | 0,00065406 | Bad news | -0,00189013  | -0,00189013 | No news | 0,00218055   | 0,00218055  |
| -14         | Good news | 0,00017668   | 0,00083074 | Bad news | 0,00138832   | -0,00050181 | No news | -0,00008457  | 0,00209598  |
| -13         | Good news | 0,00075165   | 0,00158239 | Bad news | 0,00073962   | 0,00023781  | No news | -0,00075546  | 0,00134053  |
| -12         | Good news | -0,00009242  | 0,00148997 | Bad news | -0,00145253  | -0,00121472 | No news | -0,00088706  | 0,00045346  |
| -11         | Good news | 0,00005394   | 0,00154391 | Bad news | 0,00030282   | -0,00091189 | No news | 0,00026884   | 0,00072231  |
| -10         | Good news | 0,00034280   | 0,00188671 | Bad news | -0,00044506  | -0,00135695 | No news | 0,00041357   | 0,00113587  |
| -9          | Good news | 0,00103787   | 0,00292457 | Bad news | -0,00046420  | -0,00182115 | No news | -0,00160302  | -0,00046715 |
| -8          | Good news | 0,00056931   | 0,00349388 | Bad news | 0,00275952   | 0,00093837  | No news | 0,00248212   | 0,00201497  |
| -7          | Good news | 0,00109009   | 0,00458397 | Bad news | -0,00058499  | 0,00035338  | No news | -0,00050828  | 0,00150669  |
| -6          | Good news | -0,00019471  | 0,00438926 | Bad news | 0,00008981   | 0,00044320  | No news | 0,00050079   | 0,00200748  |
| -5          | Good news | 0,00083307   | 0,00522233 | Bad news | -0,00237985  | -0,00193666 | No news | 0,00088314   | 0,00289062  |
| -4          | Good news | 0,00159421   | 0,00681654 | Bad news | -0,00007546  | -0,00201211 | No news | 0,00190195   | 0,00479257  |
| -3          | Good news | 0,00214448   | 0,00896102 | Bad news | 0,00021969   | -0,00179243 | No news | 0,00298786   | 0,00778043  |
| -2          | Good news | 0,00169139   | 0,01065241 | Bad news | 0,00019067   | -0,00160176 | No news | 0,00100322   | 0,00878365  |
| -1          | Good news | 0,00375329   | 0,01440570 | Bad news | 0,00259824   | 0,00099648  | No news | 0,00223895   | 0,01102261  |
| 0           | Good news | 0,00564714   | 0,02005284 | Bad news | -0,01820672  | -0,01721024 | No news | -0,00373481  | 0,00728779  |
| 1           | Good news | 0,00035924   | 0,02041208 | Bad news | -0,00047360  | -0,01768384 | No news | -0,00026555  | 0,00702224  |
| 2           | Good news | -0,00172561  | 0,01868647 | Bad news | -0,00164843  | -0,01933227 | No news | 0,00028711   | 0,00730935  |
| 3           | Good news | 0,00105919   | 0,01974566 | Bad news | -0,00034751  | -0,01967978 | No news | -0,00062312  | 0,00668623  |
| 4           | Good news | -0,00008877  | 0,01965689 | Bad news | -0,00016608  | -0,01984586 | No news | -0,00054084  | 0,00614539  |
| 5           | Good news | 0,00037647   | 0,02003336 | Bad news | 0,00026270   | -0,01958317 | No news | -0,00086714  | 0,00527824  |
| 6           | Good news | 0,00092307   | 0,02095644 | Bad news | -0,00000295  | -0,01958611 | No news | 0,00132103   | 0,00659928  |
| 7           | Good news | 0,00023509   | 0,02119153 | Bad news | -0,00086534  | -0,02045145 | No news | -0,00125820  | 0,00534108  |
| 8           | Good news | -0,00156665  | 0,01962488 | Bad news | -0,00133827  | -0,02178972 | No news | 0,00029958   | 0,00564066  |
| 9           | Good news | -0,00097583  | 0,01864904 | Bad news | 0,00125962   | -0,02053010 | No news | -0,00237160  | 0,00326906  |
| 10          | Good news | 0,00064540   | 0,01929445 | Bad news | 0,00026055   | -0,02026954 | No news | 0,00154293   | 0,00481199  |
| 11          | Good news | -0,00002318  | 0,01927127 | Bad news | 0,00080264   | -0,01946690 | No news | -0,00021902  | 0,00459297  |
| 12          | Good news | 0,00173220   | 0,02100347 | Bad news | -0,00135330  | -0,02082020 | No news | -0,00095820  | 0,00363477  |
| 13          | Good news | 0,00052910   | 0,02153257 | Bad news | 0,00063558   | -0,02018462 | No news | 0,00151241   | 0,00514718  |
| 14          | Good news | 0,00099820   | 0,02253077 | Bad news | -0,00035696  | -0,02054157 | No news | -0,00063727  | 0,00450991  |
| 15          | Good news | 0,00065208   | 0,02318284 | Bad news | 0,00134180   | -0,01919977 | No news | -0,00040046  | 0,00410945  |
| 16          | Good news | 0,00035887   | 0,02354171 | Bad news | -0,00189721  | -0,02109698 | No news | 0,00008560   | 0,00419505  |
| 17          | Good news | -0,00093562  | 0,02260609 | Bad news | 0,00145864   | -0,01963835 | No news | 0,00133453   | 0,00552958  |
| 18          | Good news | 0,00107725   | 0,02368334 | Bad news | -0,00019070  | -0,01982905 | No news | -0,00004908  | 0,00548050  |
| 19          | Good news | 0,00153849   | 0,02522183 | Bad news | -0,00064622  | -0,01989327 | No news | -0,00026619  | 0,00521431  |
| 20          | Good news | 0,00005459   | 0,02527642 | Bad news | 0,00039423   | -0,01949904 | No news | 0,00053769   | 0,00575200  |
| 21          | Good news | -0,00007301  | 0,02520341 | Bad news | -0,00089961  | -0,02039865 | No news | -0,00156296  | 0,00418904  |
| 22          | Good news | 0,00068003   | 0,02588345 | Bad news | -0,00074091  | -0,02113956 | No news | 0,00165955   | 0,00584860  |
| 23          | Good news | -0,00290023  | 0,02298322 | Bad news | -0,00185565  | -0,02299521 | No news | -0,00027670  | 0,00557190  |
| 24          | Good news | 0,00021158   | 0,02319479 | Bad news | -0,00018179  | -0,02317700 | No news | -0,00015961  | 0,00541229  |
| 25          | Good news | -0,00120071  | 0,02199409 | Bad news | 0,00089811   | -0,02227889 | No news | 0,00093555   | 0,00634784  |
| 26          | Good news | -0,00031767  | 0,02167642 | Bad news | -0,00126352  | -0,02354241 | No news | -0,00169098  | 0,00465687  |
| 27          | Good news | 0,00051177   | 0,02218819 | Bad news | -0,00000134  | -0,02354375 | No news | -0,00107112  | 0,00358575  |
| 28          | Good news | -0,00158565  | 0,02060254 | Bad news | -0,00218212  | -0,02572587 | No news | -0,00055522  | 0,00303053  |
| 29          | Good news | 0,00036457   | 0,02096711 | Bad news | 0,00164032   | -0,02408555 | No news | -0,00079765  | 0,00223288  |
| 30          | Good news | -0,00043181  | 0,02053530 | Bad news | -0,00265417  | -0,02673972 | No news | -0,00045461  | 0,00177827  |
| 31          | Good news | -0,00169779  | 0,01883752 | Bad news | -0,00025636  | -0,02699608 | No news | -0,00315404  | -0,00137577 |
| 32          | Good news | -0,00119345  | 0,01764407 | Bad news | -0,00091432  | -0,02791040 | No news | -0,00124863  | -0,00262440 |
| 33          | Good news | -0,00060748  | 0,01703659 | Bad news | -0,000202702 | -0,02993742 | No news | -0,00097893  | -0,00360332 |
| 34          | Good news | -0,00037474  | 0,01666185 | Bad news | -0,00083282  | -0,03077024 | No news | -0,00364183  | -0,00724515 |
| 35          | Good news | -0,00113437  | 0,01552747 | Bad news | 0,00090037   | -0,02986987 | No news | 0,00033131   | -0,00691384 |
| 36          | Good news | -0,00045613  | 0,01507135 | Bad news | -0,00086758  | -0,03073745 | No news | -0,000003139 | -0,00694524 |
| 37          | Good news | -0,00105339  | 0,01401796 | Bad news | 0,00185538   | -0,02888207 | No news | -0,00246981  | -0,00941505 |
| 38          | Good news | 0,00015521   | 0,01417317 | Bad news | -0,00009088  | -0,02897295 | No news | 0,00273522   | -0,00667983 |
| 39          | Good news | 0,00056050   | 0,01473367 | Bad news | -0,00069980  | -0,02967275 | No news | 0,00079702   | -0,00588281 |
| 40          | Good news | -0,00201841  | 0,01271526 | Bad news | -0,00160319  | -0,03127595 | No news | -0,000004110 | -0,00592391 |
| 41          | Good news | 0,00069548   | 0,01341074 | Bad news | 0,00049265   | -0,03078330 | No news | 0,00111717   | -0,00480674 |
| 42          | Good news | -0,00016746  | 0,01324329 | Bad news | 0,00134719   | -0,02943611 | No news | -0,00079685  | -0,00560359 |
| 43          | Good news | 0,00069246   | 0,01393575 | Bad news | 0,00023513   | -0,02920098 | No news | -0,00013609  | -0,00573968 |
| 44          | Good news | 0,00047158   | 0,01440732 | Bad news | 0,00089914   | -0,02830183 | No news | 0,00165397   | -0,00408570 |
| 45          | Good news | 0,00000992   | 0,01441725 | Bad news | 0,00110365   | -0,02719818 | No news | 0,00182341   | -0,00226229 |
| 46          | Good news | 0,00019347   | 0,01461072 | Bad news | -0,00005564  | -0,02725382 | No news | -0,00122322  | -0,00348551 |
| 47          | Good news | 0,00048609   | 0,01509681 | Bad news | -0,00077567  | -0,02802949 | No news | 0,00079263   | -0,00269288 |
| 48          | Good news | -0,000005715 | 0,01503965 | Bad news | -0,00009175  | -0,02812124 | No news | 0,00162535   | -0,00106752 |
| 49          | Good news | 0,00107324   | 0,01611290 | Bad news | 0,00077528   | -0,02734597 | No news | -0,00073086  | -0,00179839 |
| 50          | Good news | 0,00167182   | 0,01778472 | Bad news | 0,00215791   | -0,02518806 | No news | 0,000005264  | -0,00174574 |
| 51          | Good news | -0,00016968  | 0,01761504 | Bad news | -0,00010832  | -0,02529638 | No news | 0,00051480   | -0,00123095 |
| 52          | Good news | 0,00163773   | 0,01925277 | Bad news | 0,00153959   | -0,02375680 | No news | -0,00066719  | -0,00189814 |
| 53          | Good news | 0,00066272   | 0,01991549 | Bad news | 0,00123799   | -0,02251881 | No news | 0,00087710   | -0,00102104 |
| 54          | Good news | 0,00220205   | 0,02211754 | Bad news | -0,000001704 | -0,02253585 | No news | 0,00175622   | 0,00073518  |
| 55          | Good news | -0,00153096  | 0,02058657 | Bad news | 0,00272330   | -0,01981254 | No news | -0,00028706  | 0,00044811  |
| 56          | Good news | 0,00220364   | 0,02279022 | Bad news | 0,00061631   | -0,01919623 | No news | 0,00204696   | 0,00249508  |
| 57          | Good news | 0,00206362   | 0,02485383 | Bad news | 0,00005698   | -0,01913925 | No news | 0,00069877   | 0,00319384  |
| 58          | Good news | -0,000059596 | 0,02425787 | Bad news | -0,00195620  | -0,02109546 | No news | -0,00128022  | 0,00191362  |
| 59          | Good news | 0,00015152   | 0,02440939 | Bad news | 0,00132904   | -0,01976642 | No news | 0,00026097   | 0,00217459  |
| 60          | Good news | 0,00131385   | 0,02572324 | Bad news | -0,00000698  | -0,01977340 | No news | -0,00002461  | 0,00214998  |

Finland - Model 1 (SUE)

| Eventwindow | News      | AAR          | CAAR        | News     | AAR         | CAAR        | News    | AAR          | CAAR        |
|-------------|-----------|--------------|-------------|----------|-------------|-------------|---------|--------------|-------------|
| -15         | Good news | 0,00023811   | 0,00023811  | Bad news | -0,00011173 | -0,00011173 | No news | -0,00033747  | -0,00033747 |
| -14         | Good news | -0,00028439  | -0,00004627 | Bad news | 0,00268049  | 0,00256876  | No news | -0,00003707  | -0,00037454 |
| -13         | Good news | 0,00244746   | 0,00240119  | Bad news | -0,00139801 | 0,00117075  | No news | 0,00015239   | -0,00022215 |
| -12         | Good news | -0,00067396  | 0,00172723  | Bad news | -0,00042231 | 0,00074845  | No news | -0,00093750  | -0,00115966 |
| -11         | Good news | -0,00001281  | 0,00171442  | Bad news | 0,00005885  | 0,00080730  | No news | 0,00045810   | -0,00070156 |
| -10         | Good news | 0,00094321   | 0,00265763  | Bad news | -0,00133870 | -0,00053140 | No news | 0,00007657   | -0,00062499 |
| -9          | Good news | 0,00113111   | 0,00378874  | Bad news | -0,00030905 | -0,00084045 | No news | -0,00063693  | -0,00126192 |
| -8          | Good news | 0,00167780   | 0,00546654  | Bad news | 0,00358705  | 0,00274661  | No news | 0,00072900   | -0,00053292 |
| -7          | Good news | 0,00149565   | 0,00696219  | Bad news | -0,00010596 | 0,00264065  | No news | -0,00080143  | -0,00133436 |
| -6          | Good news | 0,00074270   | 0,00770489  | Bad news | -0,00039290 | 0,00224775  | No news | -0,00011832  | -0,00145268 |
| -5          | Good news | 0,00171815   | 0,00942304  | Bad news | -0,00243506 | -0,00018731 | No news | -0,00067072  | -0,00212340 |
| -4          | Good news | 0,00219949   | 0,01162253  | Bad news | 0,00076810  | 0,00058079  | No news | 0,00051690   | -0,00160649 |
| -3          | Good news | 0,00302434   | 0,01464686  | Bad news | 0,00122781  | 0,00180860  | No news | 0,00072015   | -0,00088634 |
| -2          | Good news | 0,00317824   | 0,01782510  | Bad news | -0,00095626 | 0,00085234  | No news | 0,00063615   | -0,00025020 |
| -1          | Good news | 0,00622923   | 0,02405433  | Bad news | 0,00297385  | 0,00382618  | No news | 0,00084407   | 0,00059388  |
| 0           | Good news | 0,00501184   | 0,02906617  | Bad news | -0,02143399 | -0,01760780 | No news | -0,00301079  | -0,00241691 |
| 1           | Good news | 0,00064137   | 0,02970754  | Bad news | -0,00163918 | -0,01924699 | No news | 0,00034916   | -0,00206775 |
| 2           | Good news | -0,00230564  | 0,02740190  | Bad news | -0,00074221 | -0,01998920 | No news | -0,00087520  | -0,00294295 |
| 3           | Good news | 0,00079051   | 0,02819241  | Bad news | -0,00036433 | -0,02035353 | No news | 0,00012168   | -0,00282127 |
| 4           | Good news | -0,00080039  | 0,02739202  | Bad news | -0,00024681 | -0,02060034 | No news | 0,00018487   | -0,00263640 |
| 5           | Good news | 0,00132169   | 0,02871370  | Bad news | 0,00102799  | -0,01957235 | No news | -0,00132901  | -0,00396540 |
| 6           | Good news | 0,00102175   | 0,02973545  | Bad news | 0,00100176  | -0,01857059 | No news | 0,00019366   | -0,00377175 |
| 7           | Good news | 0,00028110   | 0,03001655  | Bad news | -0,00099650 | -0,01956710 | No news | -0,00053568  | -0,00430743 |
| 8           | Good news | -0,00209038  | 0,02792617  | Bad news | -0,00097133 | -0,02053843 | No news | -0,00053331  | -0,00484073 |
| 9           | Good news | -0,00126280  | 0,02666337  | Bad news | 0,00168771  | -0,01885071 | No news | -0,00088266  | -0,00572339 |
| 10          | Good news | 0,00028010   | 0,02694347  | Bad news | 0,00173941  | -0,01711131 | No news | 0,00023567   | -0,00548772 |
| 11          | Good news | 0,00041026   | 0,02735372  | Bad news | 0,00117873  | -0,01593258 | No news | -0,00037457  | -0,00586229 |
| 12          | Good news | 0,00194149   | 0,02929521  | Bad news | -0,00235346 | -0,01828604 | No news | 0,00010704   | -0,00575526 |
| 13          | Good news | 0,00067948   | 0,02997469  | Bad news | 0,00115359  | -0,01713245 | No news | 0,00070007   | -0,00505519 |
| 14          | Good news | 0,00213926   | 0,03211395  | Bad news | -0,00213016 | -0,01926261 | No news | 0,00011691   | -0,00493828 |
| 15          | Good news | 0,00020413   | 0,03231808  | Bad news | 0,00211360  | -0,01714902 | No news | 0,00019999   | -0,00473829 |
| 16          | Good news | 0,00041637   | 0,03273445  | Bad news | -0,00199577 | -0,01914478 | No news | -0,00047884  | -0,00521713 |
| 17          | Good news | -0,00156872  | 0,03116573  | Bad news | 0,00266130  | -0,01648348 | No news | 0,00046345   | -0,00475369 |
| 18          | Good news | -0,00002082  | 0,03114491  | Bad news | 0,00046779  | -0,01601569 | No news | 0,00066144   | -0,00409224 |
| 19          | Good news | 0,00087153   | 0,03201644  | Bad news | -0,00021341 | -0,01622910 | No news | 0,00081701   | -0,00327523 |
| 20          | Good news | 0,00113197   | 0,03314841  | Bad news | 0,00160902  | -0,01462008 | No news | -0,00100125  | -0,00427648 |
| 21          | Good news | 0,00109119   | 0,03423960  | Bad news | -0,00138610 | -0,01600618 | No news | -0,00137973  | -0,00565621 |
| 22          | Good news | 0,00197761   | 0,03621721  | Bad news | -0,00124396 | -0,01725015 | No news | 0,00002383   | -0,00563238 |
| 23          | Good news | -0,00301200  | 0,03320521  | Bad news | -0,00256896 | -0,01981911 | No news | -0,00075268  | -0,00638506 |
| 24          | Good news | -0,00030588  | 0,03289933  | Bad news | 0,00174870  | -0,01807041 | No news | -0,00075225  | -0,00713732 |
| 25          | Good news | -0,00058602  | 0,03231331  | Bad news | 0,00088729  | -0,01718311 | No news | -0,00016142  | -0,00729874 |
| 26          | Good news | -0,00106527  | 0,03124804  | Bad news | -0,00150951 | -0,01869622 | No news | -0,00060783  | -0,00790657 |
| 27          | Good news | 0,00089827   | 0,03214631  | Bad news | -0,00053051 | -0,01922313 | No news | -0,00019853  | -0,00810510 |
| 28          | Good news | -0,00156434  | 0,03058197  | Bad news | -0,00265060 | -0,02187374 | No news | -0,00107222  | -0,00917732 |
| 29          | Good news | 0,00081223   | 0,03139420  | Bad news | 0,00240966  | -0,01946408 | No news | -0,00046559  | -0,00964291 |
| 30          | Good news | -0,00168284  | 0,02971136  | Bad news | -0,00099207 | -0,02045615 | No news | -0,00122846  | -0,01087138 |
| 31          | Good news | -0,00188270  | 0,02782866  | Bad news | -0,00169735 | -0,02215350 | No news | -0,00091544  | -0,01178682 |
| 32          | Good news | -0,00086855  | 0,02696011  | Bad news | -0,00089850 | -0,02305200 | No news | -0,00136822  | -0,01315504 |
| 33          | Good news | -0,00060189  | 0,02635821  | Bad news | -0,00112347 | -0,02417547 | No news | -0,00156662  | -0,01472165 |
| 34          | Good news | -0,00031205  | 0,02604616  | Bad news | -0,00210896 | -0,02628442 | No news | -0,00121781  | -0,01593946 |
| 35          | Good news | -0,00110066  | 0,02494550  | Bad news | 0,00222383  | -0,02406059 | No news | -0,00061024  | -0,01654970 |
| 36          | Good news | -0,00010781  | 0,02483769  | Bad news | -0,00010279 | -0,02416338 | No news | -0,00095193  | -0,01750163 |
| 37          | Good news | 0,00012517   | 0,02496287  | Bad news | 0,00098139  | -0,02318199 | No news | -0,00123148  | -0,01873311 |
| 38          | Good news | 0,00063158   | 0,02559444  | Bad news | 0,00176377  | -0,02141822 | No news | -0,00032820  | -0,01906131 |
| 39          | Good news | 0,00147772   | 0,02707217  | Bad news | -0,00115169 | -0,02256991 | No news | -0,00008534  | -0,01914664 |
| 40          | Good news | -0,00225216  | 0,02482001  | Bad news | -0,00097468 | -0,02354459 | No news | -0,00141962  | -0,02056626 |
| 41          | Good news | 0,00105623   | 0,02587624  | Bad news | 0,00176161  | -0,02178299 | No news | -0,00025192  | -0,02081818 |
| 42          | Good news | 0,00071972   | 0,02659595  | Bad news | 0,00003254  | -0,02175045 | No news | 0,00010458   | -0,02071360 |
| 43          | Good news | -0,000000538 | 0,02659057  | Bad news | 0,00032835  | -0,02142210 | No news | 0,00065492   | -0,02005869 |
| 44          | Good news | 0,00168009   | 0,02827066  | Bad news | 0,00106004  | -0,02036206 | No news | 0,00024792   | -0,01981077 |
| 45          | Good news | 0,00000986   | 0,02828051  | Bad news | 0,00165941  | -0,01870265 | No news | 0,00059000   | -0,01922077 |
| 46          | Good news | -0,00029496  | 0,02798556  | Bad news | 0,00018528  | -0,01851736 | No news | -0,00021809  | -0,01943885 |
| 47          | Good news | 0,00110696   | 0,02909252  | Bad news | -0,00046230 | -0,01897966 | No news | -0,00048386  | -0,01992271 |
| 48          | Good news | -0,00042549  | 0,02866703  | Bad news | 0,00023422  | -0,01874544 | No news | 0,00057702   | -0,01934570 |
| 49          | Good news | 0,00034631   | 0,02901335  | Bad news | 0,00054868  | -0,01819676 | No news | 0,00072126   | -0,01862443 |
| 50          | Good news | 0,00292745   | 0,03194079  | Bad news | 0,00286525  | -0,01533151 | No news | 0,00011086   | -0,01851357 |
| 51          | Good news | -0,00031120  | 0,03162960  | Bad news | -0,00133854 | -0,01667004 | No news | 0,00076615   | -0,01774742 |
| 52          | Good news | 0,00029766   | 0,03192725  | Bad news | 0,00267265  | -0,01399739 | No news | 0,00080355   | -0,01694387 |
| 53          | Good news | 0,000992241  | 0,03284966  | Bad news | 0,00144443  | -0,01255296 | No news | 0,00039768   | -0,01654620 |
| 54          | Good news | 0,00250075   | 0,03535041  | Bad news | 0,00203179  | -0,01052116 | No news | -0,000035107 | -0,01659727 |
| 55          | Good news | -0,00077845  | 0,03457197  | Bad news | 0,00271800  | -0,00780316 | No news | -0,00035919  | -0,01695646 |
| 56          | Good news | 0,00270103   | 0,03727299  | Bad news | 0,00086448  | -0,00693868 | No news | 0,00112152   | -0,01583493 |
| 57          | Good news | 0,00244925   | 0,03972224  | Bad news | 0,00130993  | -0,00562875 | No news | -0,00028541  | -0,01612034 |
| 58          | Good news | -0,00177918  | 0,03794306  | Bad news | -0,00289381 | -0,00852257 | No news | 0,00009959   | -0,01602075 |
| 59          | Good news | 0,00137478   | 0,03931784  | Bad news | 0,00207531  | -0,00644726 | No news | -0,00073569  | -0,01675644 |
| 60          | Good news | 0,00163973   | 0,04095756  | Bad news | -0,00024559 | -0,00669285 | No news | 0,00010026   | -0,01665618 |

Finland - Model 2 (SUE)

| Eventwindow | News      | AAR         | CAAR       | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|-------------|------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | 0,00062133  | 0,00062133 | Bad news | -0,00095015 | -0,00095015 | No news | -0,00015571 | -0,00015571 |
| -14         | Good news | 0,00036191  | 0,00098324 | Bad news | 0,00298171  | 0,00203157  | No news | -0,00068235 | -0,00083805 |
| -13         | Good news | 0,00161664  | 0,00259989 | Bad news | -0,00076190 | 0,00126967  | No news | 0,00023056  | -0,00060750 |
| -12         | Good news | -0,00015418 | 0,00244571 | Bad news | -0,00037275 | 0,00089692  | No news | -0,00137823 | -0,00198572 |
| -11         | Good news | -0,00009628 | 0,00234943 | Bad news | 0,00014262  | 0,00103955  | No news | 0,00050098  | -0,00148474 |
| -10         | Good news | 0,00062991  | 0,00297933 | Bad news | -0,00046015 | 0,00057940  | No news | -0,00028727 | -0,00177201 |
| -9          | Good news | 0,00130859  | 0,00428792 | Bad news | -0,00090632 | -0,00032692 | No news | -0,00052754 | -0,00229955 |
| -8          | Good news | 0,00106225  | 0,00535018 | Bad news | 0,00342411  | 0,00309719  | No news | 0,00124336  | -0,00105619 |
| -7          | Good news | 0,00094583  | 0,00629601 | Bad news | -0,00025466 | 0,00284253  | No news | -0,00044807 | -0,00150426 |
| -6          | Good news | 0,00042635  | 0,00672236 | Bad news | -0,00126427 | 0,00157826  | No news | 0,00059288  | -0,00091138 |
| -5          | Good news | 0,00102912  | 0,00775148 | Bad news | -0,00229835 | -0,00072009 | No news | -0,00040306 | -0,00131444 |
| -4          | Good news | 0,00204371  | 0,00979519 | Bad news | 0,00046822  | -0,00025186 | No news | 0,00070351  | -0,00061092 |
| -3          | Good news | 0,00313092  | 0,01292611 | Bad news | 0,00135486  | 0,00110300  | No news | 0,00040557  | -0,00020535 |
| -2          | Good news | 0,00253499  | 0,01546110 | Bad news | -0,00142398 | -0,00032099 | No news | 0,00122791  | 0,00102256  |
| -1          | Good news | 0,00499486  | 0,02045597 | Bad news | 0,00296013  | 0,00263914  | No news | 0,00142902  | 0,00245157  |
| 0           | Good news | 0,00506905  | 0,02552502 | Bad news | -0,02034213 | -0,01770299 | No news | -0,00435436 | -0,00190279 |
| 1           | Good news | -0,00021761 | 0,02530741 | Bad news | -0,00185688 | -0,01955987 | No news | 0,00110518  | -0,00079761 |
| 2           | Good news | -0,00301700 | 0,02229041 | Bad news | -0,00021792 | -0,01977780 | No news | -0,00055584 | -0,00135345 |
| 3           | Good news | 0,00043811  | 0,02272852 | Bad news | -0,00036144 | -0,02019394 | No news | 0,00033934  | -0,00101410 |
| 4           | Good news | 0,00014180  | 0,02287032 | Bad news | 0,00021561  | -0,01992363 | No news | -0,00074678 | -0,00176088 |
| 5           | Good news | 0,00154814  | 0,02441846 | Bad news | 0,00066477  | -0,01925885 | No news | -0,00145114 | -0,00321201 |
| 6           | Good news | 0,00110280  | 0,02552126 | Bad news | 0,00194888  | -0,01730998 | No news | -0,00049882 | -0,00371083 |
| 7           | Good news | 0,00077172  | 0,02629298 | Bad news | -0,00090568 | -0,01821566 | No news | -0,00102184 | -0,00473267 |
| 8           | Good news | -0,00268334 | 0,02360964 | Bad news | -0,00013354 | -0,01834920 | No news | -0,00048889 | -0,00522156 |
| 9           | Good news | -0,00083841 | 0,02277122 | Bad news | 0,00167280  | -0,01667640 | No news | -0,00115815 | -0,00637972 |
| 10          | Good news | 0,00118517  | 0,02395639 | Bad news | 0,00148073  | -0,01519567 | No news | -0,00029014 | -0,00666986 |
| 11          | Good news | -0,00019034 | 0,02376605 | Bad news | 0,00129559  | -0,01390008 | No news | -0,00003678 | -0,00670664 |
| 12          | Good news | 0,00226331  | 0,02602936 | Bad news | -0,00230282 | -0,01620290 | No news | -0,00030539 | -0,00701203 |
| 13          | Good news | 0,00076916  | 0,02679851 | Bad news | 0,00204770  | -0,01415521 | No news | 0,00009014  | -0,00692189 |
| 14          | Good news | 0,00156202  | 0,02836053 | Bad news | -0,00153161 | -0,01568681 | No news | 0,00004107  | -0,00688083 |
| 15          | Good news | 0,00036705  | 0,02872759 | Bad news | 0,00188113  | -0,01380568 | No news | 0,00022635  | -0,00665448 |
| 16          | Good news | -0,00007674 | 0,02865085 | Bad news | -0,00201269 | -0,01581837 | No news | -0,00016245 | -0,00681693 |
| 17          | Good news | -0,00092752 | 0,02772333 | Bad news | 0,00216341  | -0,01365497 | No news | 0,00042979  | -0,00638713 |
| 18          | Good news | 0,00111646  | 0,02883979 | Bad news | -0,00030048 | -0,01395545 | No news | 0,00031245  | -0,00607469 |
| 19          | Good news | 0,00085851  | 0,02969830 | Bad news | -0,00001929 | -0,01397473 | No news | 0,00070013  | -0,00537455 |
| 20          | Good news | 0,00043589  | 0,03013419 | Bad news | 0,00097764  | -0,01299709 | No news | -0,00022261 | -0,00559716 |
| 21          | Good news | -0,00022227 | 0,02991192 | Bad news | -0,00055522 | -0,01355232 | No news | -0,00105901 | -0,00665617 |
| 22          | Good news | 0,00189719  | 0,03180910 | Bad news | -0,00097694 | -0,01452926 | No news | -0,00021797 | -0,00687414 |
| 23          | Good news | -0,00186400 | 0,02994510 | Bad news | -0,00358716 | -0,01811642 | No news | -0,00085624 | -0,00773038 |
| 24          | Good news | -0,00226618 | 0,02767892 | Bad news | 0,00235636  | -0,01576006 | No news | 0,00034622  | -0,00738416 |
| 25          | Good news | -0,00012798 | 0,02755093 | Bad news | 0,00145198  | -0,01430808 | No news | -0,00081971 | -0,00820387 |
| 26          | Good news | -0,00030529 | 0,02724564 | Bad news | -0,00120639 | -0,01551448 | No news | -0,00134236 | -0,00954623 |
| 27          | Good news | -0,00015683 | 0,02708882 | Bad news | 0,00023292  | -0,01528156 | No news | 0,00006015  | -0,00948608 |
| 28          | Good news | -0,00117402 | 0,02591479 | Bad news | -0,00231357 | -0,01759512 | No news | -0,00154739 | -0,01103347 |
| 29          | Good news | 0,00064041  | 0,02655521 | Bad news | 0,00280538  | -0,01478974 | No news | -0,00065143 | -0,01168490 |
| 30          | Good news | -0,00172467 | 0,02483054 | Bad news | -0,00149961 | -0,01628935 | No news | -0,00085487 | -0,01253977 |
| 31          | Good news | -0,00187966 | 0,02295088 | Bad news | -0,00160234 | -0,01789169 | No news | -0,00091270 | -0,01345247 |
| 32          | Good news | -0,00108772 | 0,02186316 | Bad news | -0,00026462 | -0,01815632 | No news | -0,00162063 | -0,01507309 |
| 33          | Good news | -0,00053587 | 0,02132730 | Bad news | -0,00164893 | -0,01980525 | No news | -0,00136064 | -0,01643373 |
| 34          | Good news | -0,00067963 | 0,02064767 | Bad news | -0,00239613 | -0,02220137 | No news | -0,00082983 | -0,01726356 |
| 35          | Good news | -0,00087304 | 0,01977463 | Bad news | 0,00221723  | -0,01998414 | No news | -0,00073263 | -0,01799618 |
| 36          | Good news | -0,00032436 | 0,01945027 | Bad news | -0,00034738 | -0,02033152 | No news | -0,00069256 | -0,01868874 |
| 37          | Good news | -0,00005269 | 0,01939758 | Bad news | 0,00107014  | -0,01926138 | No news | -0,00123391 | -0,01992265 |
| 38          | Good news | 0,00021920  | 0,01961679 | Bad news | 0,00179345  | -0,01746793 | No news | -0,00008978 | -0,02001243 |
| 39          | Good news | 0,00251768  | 0,02213446 | Bad news | -0,00135434 | -0,01882227 | No news | -0,00086369 | -0,02087612 |
| 40          | Good news | -0,00218408 | 0,01995038 | Bad news | -0,00095694 | -0,01977921 | No news | -0,00142289 | -0,02229901 |
| 41          | Good news | 0,00195410  | 0,02190448 | Bad news | 0,00152151  | -0,01825770 | No news | -0,00086821 | -0,02316722 |
| 42          | Good news | -0,00080089 | 0,02110359 | Bad news | 0,00016097  | -0,01809672 | No news | 0,00113829  | -0,02202892 |
| 43          | Good news | 0,00022000  | 0,02132359 | Bad news | 0,00003430  | -0,01806242 | No news | 0,00070704  | -0,02132189 |
| 44          | Good news | 0,00089757  | 0,02222116 | Bad news | 0,00135384  | -0,01670857 | No news | 0,00056810  | -0,02075378 |
| 45          | Good news | -0,00016467 | 0,02205649 | Bad news | 0,00101535  | -0,01569322 | No news | 0,00116000  | -0,01959378 |
| 46          | Good news | 0,00048088  | 0,02253737 | Bad news | 0,00016440  | -0,01552882 | No news | -0,00078738 | -0,02038116 |
| 47          | Good news | 0,00014188  | 0,02267925 | Bad news | 0,00043852  | -0,01509030 | No news | -0,00040969 | -0,02079085 |
| 48          | Good news | 0,00077370  | 0,02345294 | Bad news | 0,00016203  | -0,01492827 | No news | -0,00022216 | -0,02101301 |
| 49          | Good news | 0,00057156  | 0,02402450 | Bad news | 0,00102387  | -0,01390440 | No news | 0,00028543  | -0,02072758 |
| 50          | Good news | 0,00305001  | 0,02707451 | Bad news | 0,00147208  | -0,01243232 | No news | 0,00068613  | -0,02004144 |
| 51          | Good news | 0,00031841  | 0,02739292 | Bad news | -0,00152710 | -0,01395942 | No news | 0,00046769  | -0,01957375 |
| 52          | Good news | 0,00114958  | 0,02854250 | Bad news | 0,00301750  | -0,01094191 | No news | -0,00001050 | -0,01958425 |
| 53          | Good news | 0,00115282  | 0,02969532 | Bad news | 0,00142708  | -0,00951484 | No news | 0,00020191  | -0,01938234 |
| 54          | Good news | 0,00294559  | 0,03264090 | Bad news | 0,00187582  | -0,00763901 | No news | -0,00045985 | -0,01984219 |
| 55          | Good news | 0,00032160  | 0,03296250 | Bad news | 0,00227834  | -0,00536067 | No news | -0,00088374 | -0,02072593 |
| 56          | Good news | 0,00260706  | 0,03556956 | Bad news | 0,00130490  | -0,00405577 | No news | 0,00081451  | -0,01991141 |
| 57          | Good news | 0,00187258  | 0,03744214 | Bad news | 0,00075429  | -0,00330148 | No news | 0,00031047  | -0,01960095 |
| 58          | Good news | -0,00136138 | 0,03608076 | Bad news | -0,00326061 | -0,00656209 | No news | 0,00012179  | -0,01947916 |
| 59          | Good news | 0,00032236  | 0,03640312 | Bad news | 0,00175984  | -0,00480224 | No news | 0,00012334  | -0,01935581 |
| 60          | Good news | 0,00186179  | 0,03826491 | Bad news | -0,00063619 | -0,00543843 | No news | 0,00006245  | -0,01929336 |

Finland - Model 5 (SUE)

| Eventwindow | News      | AAR         | CAAR        | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|-------------|-------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | 0,00123525  | 0,00123525  | Bad news | -0,00125141 | -0,00125141 | No news | -0,00021672 | -0,00021672 |
| -14         | Good news | -0,00010897 | 0,00112628  | Bad news | 0,00209366  | 0,00084225  | No news | 0,00017150  | -0,00004522 |
| -13         | Good news | 0,00201625  | 0,00314253  | Bad news | -0,00014385 | 0,00069840  | No news | -0,00028959 | -0,00033481 |
| -12         | Good news | -0,00057531 | 0,00256722  | Bad news | -0,00097072 | -0,00027232 | No news | -0,00079828 | -0,00113309 |
| -11         | Good news | 0,00024262  | 0,00280983  | Bad news | 0,00033477  | 0,00006246  | No news | 0,00002943  | -0,00110366 |
| -10         | Good news | 0,00062101  | 0,00343085  | Bad news | -0,00055543 | -0,00049297 | No news | 0,00005366  | -0,00105000 |
| -9          | Good news | 0,00132829  | 0,00475913  | Bad news | -0,00046611 | -0,00095908 | No news | -0,00083781 | -0,00188781 |
| -8          | Good news | 0,00001016  | 0,00476930  | Bad news | 0,00347057  | 0,00251149  | No news | 0,00193841  | 0,00005060  |
| -7          | Good news | 0,00134905  | 0,00611835  | Bad news | -0,00062142 | 0,00189007  | No news | -0,00027159 | -0,00022099 |
| -6          | Good news | -0,00111782 | 0,00500053  | Bad news | 0,00008648  | 0,00197656  | No news | 0,00087950  | 0,00065851  |
| -5          | Good news | 0,00140653  | 0,00640706  | Bad news | -0,00238047 | -0,00040391 | No news | -0,00041202 | 0,00024649  |
| -4          | Good news | 0,00307509  | 0,00948215  | Bad news | -0,00011118 | -0,00051509 | No news | 0,00021022  | 0,00045671  |
| -3          | Good news | 0,00311768  | 0,01259983  | Bad news | 0,00070826  | 0,00019317  | No news | 0,00088957  | 0,00134628  |
| -2          | Good news | 0,00229025  | 0,01489008  | Bad news | 0,00050784  | 0,00070101  | No news | 0,00032673  | 0,00167301  |
| -1          | Good news | 0,00441392  | 0,01930401  | Bad news | 0,00357190  | 0,00427291  | No news | 0,00160116  | 0,00327417  |
| 0           | Good news | 0,00645386  | 0,02575787  | Bad news | -0,02238742 | -0,01811451 | No news | -0,00314582 | 0,00012835  |
| 1           | Good news | 0,00018959  | 0,02594746  | Bad news | -0,00118839 | -0,01930289 | No news | 0,00038898  | 0,00051732  |
| 2           | Good news | -0,00255684 | 0,02339062  | Bad news | -0,00163465 | -0,02093754 | No news | -0,00018197 | 0,00033535  |
| 3           | Good news | 0,00074869  | 0,02413931  | Bad news | -0,00064837 | -0,02158591 | No news | 0,00030474  | 0,00064009  |
| 4           | Good news | -0,00017432 | 0,02396499  | Bad news | -0,00009252 | -0,02167843 | No news | -0,00033451 | 0,00030559  |
| 5           | Good news | 0,00143692  | 0,02540190  | Bad news | 0,00111021  | -0,02056822 | No news | -0,00152488 | -0,00121929 |
| 6           | Good news | 0,00095538  | 0,02635729  | Bad news | 0,00164584  | -0,01892238 | No news | -0,00027183 | -0,00149112 |
| 7           | Good news | 0,00030790  | 0,02666519  | Bad news | -0,00108147 | -0,02000385 | No news | -0,00065217 | -0,00214329 |
| 8           | Good news | -0,00151232 | 0,02515287  | Bad news | -0,00102588 | -0,02102973 | No news | -0,00090235 | -0,00304565 |
| 9           | Good news | -0,00088091 | 0,02427196  | Bad news | 0,00159110  | -0,01943863 | No news | -0,00124612 | -0,00429176 |
| 10          | Good news | 0,00136273  | 0,02563469  | Bad news | 0,00067706  | -0,01876158 | No news | 0,00011695  | -0,00417481 |
| 11          | Good news | 0,000111054 | 0,02574522  | Bad news | 0,00126866  | -0,01749292 | No news | -0,00032259 | -0,00449740 |
| 12          | Good news | 0,00253754  | 0,02828276  | Bad news | -0,00172783 | -0,01922075 | No news | -0,00068363 | -0,00518103 |
| 13          | Good news | 0,00031248  | 0,02859524  | Bad news | 0,00074538  | -0,01847537 | No news | 0,00111593  | -0,00406510 |
| 14          | Good news | 0,00128605  | 0,02988128  | Bad news | -0,00098872 | -0,01946409 | No news | 0,00007665  | -0,00398845 |
| 15          | Good news | 0,00037361  | 0,03025490  | Bad news | 0,00279410  | -0,01666999 | No news | -0,00030439 | -0,00429284 |
| 16          | Good news | -0,00018520 | 0,030006970 | Bad news | -0,00249369 | -0,01916368 | No news | 0,00033592  | -0,00395692 |
| 17          | Good news | -0,00107282 | 0,02899688  | Bad news | 0,00189569  | -0,01726799 | No news | 0,00059202  | -0,00336490 |
| 18          | Good news | 0,00219767  | 0,03119455  | Bad news | -0,00013868 | -0,01740667 | No news | -0,00064997 | -0,00401487 |
| 19          | Good news | 0,00154122  | 0,03273577  | Bad news | -0,00076226 | -0,01816893 | No news | 0,00073396  | -0,00328091 |
| 20          | Good news | 0,00003400  | 0,03276977  | Bad news | 0,00104291  | -0,01676601 | No news | -0,00028382 | -0,00356473 |
| 21          | Good news | -0,00049358 | 0,03227619  | Bad news | -0,00014127 | -0,01690729 | No news | -0,00119101 | -0,00475574 |
| 22          | Good news | 0,00071038  | 0,03298657  | Bad news | -0,00127630 | -0,01818359 | No news | 0,00096186  | -0,00379388 |
| 23          | Good news | -0,00273062 | 0,03025595  | Bad news | -0,00265419 | -0,02083778 | No news | -0,00098325 | -0,00477713 |
| 24          | Good news | -0,00109273 | 0,02916322  | Bad news | 0,00017767  | -0,02066010 | No news | 0,00067195  | -0,00410518 |
| 25          | Good news | -0,00050330 | 0,02865992  | Bad news | 0,00160686  | -0,01905324 | No news | -0,00064762 | -0,00475281 |
| 26          | Good news | -0,00044289 | 0,02823703  | Bad news | -0,00175824 | -0,02081148 | No news | -0,00086778 | -0,00562058 |
| 27          | Good news | 0,00015961  | 0,02839664  | Bad news | -0,00006394 | -0,02087543 | No news | 0,00003539  | -0,00558519 |
| 28          | Good news | -0,00049439 | 0,02790225  | Bad news | -0,00325484 | -0,02413027 | No news | -0,00134318 | -0,00692838 |
| 29          | Good news | 0,00039987  | 0,02830213  | Bad news | 0,00243475  | -0,02169552 | No news | -0,00036180 | -0,00729017 |
| 30          | Good news | -0,00024401 | 0,02805812  | Bad news | -0,00263045 | -0,02432598 | No news | -0,00128434 | -0,00857451 |
| 31          | Good news | -0,00203655 | 0,02602157  | Bad news | -0,00032098 | -0,02464696 | No news | -0,00169294 | -0,01026745 |
| 32          | Good news | -0,00108033 | 0,02494124  | Bad news | -0,00002214 | -0,02466910 | No news | -0,00179895 | -0,01206640 |
| 33          | Good news | 0,00002734  | 0,02496857  | Bad news | -0,00262043 | -0,02728953 | No news | -0,00122858 | -0,01329498 |
| 34          | Good news | -0,00019638 | 0,02477220  | Bad news | -0,00163396 | -0,02892350 | No news | -0,00168064 | -0,01497563 |
| 35          | Good news | -0,00060646 | 0,02416574  | Bad news | 0,00113006  | -0,02779344 | No news | -0,00038310 | -0,01535873 |
| 36          | Good news | -0,00012675 | 0,02403899  | Bad news | -0,00065505 | -0,02844848 | No news | -0,00077680 | -0,01613553 |
| 37          | Good news | -0,00029926 | 0,02373973  | Bad news | 0,00151602  | -0,02683246 | No news | -0,00126385 | -0,01739938 |
| 38          | Good news | 0,00026992  | 0,02400965  | Bad news | 0,00032711  | -0,02650535 | No news | 0,00085760  | -0,01654178 |
| 39          | Good news | 0,00139173  | 0,02540138  | Bad news | -0,00088645 | -0,02739180 | No news | -0,00012498 | -0,01666676 |
| 40          | Good news | -0,00184920 | 0,02355218  | Bad news | -0,00151279 | -0,02890459 | No news | -0,00122760 | -0,01789436 |
| 41          | Good news | 0,00102393  | 0,02457611  | Bad news | 0,00109237  | -0,02781222 | No news | 0,00015465  | -0,01773970 |
| 42          | Good news | 0,00015712  | 0,02473323  | Bad news | 0,00142789  | -0,02638433 | No news | -0,00036552 | -0,01810522 |
| 43          | Good news | 0,00005362  | 0,02478685  | Bad news | -0,00017539 | -0,02655972 | No news | 0,00089905  | -0,01720617 |
| 44          | Good news | 0,00109678  | 0,02588363  | Bad news | 0,00074852  | -0,02581121 | No news | 0,00074337  | -0,01646280 |
| 45          | Good news | 0,00035351  | 0,02623714  | Bad news | 0,00091489  | -0,02489632 | No news | 0,00104748  | -0,01541532 |
| 46          | Good news | -0,0006538  | 0,02617176  | Bad news | 0,00020224  | -0,02469408 | No news | -0,00046128 | -0,01587660 |
| 47          | Good news | 0,00059985  | 0,02677161  | Bad news | -0,00083651 | -0,02553059 | No news | 0,00011801  | -0,01575859 |
| 48          | Good news | -0,00053005 | 0,02624155  | Bad news | 0,00016489  | -0,02536570 | No news | 0,00076085  | -0,01499774 |
| 49          | Good news | 0,00180032  | 0,02804187  | Bad news | 0,00067588  | -0,02468982 | No news | -0,00034411 | -0,01534185 |
| 50          | Good news | 0,00241625  | 0,03045812  | Bad news | 0,00228146  | -0,02240836 | No news | 0,00057923  | -0,01476262 |
| 51          | Good news | 0,00053959  | 0,03099771  | Bad news | -0,00067612 | -0,02308448 | No news | -0,00002934 | -0,01479196 |
| 52          | Good news | 0,00244461  | 0,03344232  | Bad news | 0,00184948  | -0,02123500 | No news | -0,00026540 | -0,01505736 |
| 53          | Good news | 0,00140119  | 0,03484351  | Bad news | 0,00094492  | -0,02029009 | No news | 0,00061631  | -0,01444105 |
| 54          | Good news | 0,00287411  | 0,03771762  | Bad news | 0,0017114   | -0,01857895 | No news | -0,00023628 | -0,01467733 |
| 55          | Good news | -0,00157773 | 0,03613989  | Bad news | 0,00263285  | -0,01594610 | No news | 0,00029228  | -0,01438505 |
| 56          | Good news | 0,00293736  | 0,03907726  | Bad news | 0,00054433  | -0,01540177 | No news | 0,00112188  | -0,01326317 |
| 57          | Good news | 0,00230678  | 0,04138404  | Bad news | 0,00020958  | -0,01519219 | No news | 0,00044495  | -0,01281823 |
| 58          | Good news | -0,00076108 | 0,04062296  | Bad news | -0,00287532 | -0,01806750 | No news | -0,00053205 | -0,01335028 |
| 59          | Good news | 0,00067924  | 0,04130221  | Bad news | 0,00206805  | -0,01599946 | No news | -0,00031533 | -0,01366560 |
| 60          | Good news | 0,00196139  | 0,04326360  | Bad news | -0,00058121 | -0,01658067 | No news | 0,00010584  | -0,01355976 |

## Norway - Model 1 (UE)

| Eventwindow | News      | AAR         | CAAR        | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|-------------|-------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | 0,00009581  | 0,00009581  | Bad news | 0,00090110  | 0,00090110  | No news | -0,00171305 | -0,00171305 |
| -14         | Good news | -0,00097168 | -0,00087587 | Bad news | -0,00141474 | -0,00051364 | No news | -0,00072388 | -0,00243693 |
| -13         | Good news | 0,00055948  | -0,00031639 | Bad news | -0,00016780 | -0,00068143 | No news | -0,00055148 | -0,00298841 |
| -12         | Good news | -0,00102899 | -0,00134538 | Bad news | -0,00028321 | -0,00096465 | No news | 0,00082157  | -0,00216684 |
| -11         | Good news | 0,00120757  | -0,00013781 | Bad news | -0,00145637 | -0,00242102 | No news | -0,00387349 | -0,00604033 |
| -10         | Good news | 0,00071334  | 0,00057553  | Bad news | 0,00267957  | 0,00025855  | No news | -0,00043761 | -0,00647794 |
| -9          | Good news | 0,00010694  | 0,00068247  | Bad news | 0,00078349  | 0,00104205  | No news | 0,00249105  | -0,00398690 |
| -8          | Good news | -0,00021207 | 0,00047040  | Bad news | -0,00001945 | 0,00102260  | No news | -0,00144150 | -0,00542840 |
| -7          | Good news | -0,00028691 | 0,00018349  | Bad news | -0,00039700 | 0,00062560  | No news | 0,00166299  | -0,00376541 |
| -6          | Good news | 0,00124239  | 0,00142588  | Bad news | 0,00036006  | 0,00098567  | No news | -0,00157590 | -0,00534131 |
| -5          | Good news | -0,00096337 | 0,00046251  | Bad news | 0,00234370  | 0,00332936  | No news | 0,00514293  | -0,00019838 |
| -4          | Good news | 0,00330249  | 0,00376500  | Bad news | 0,00125019  | 0,00457956  | No news | 0,00235438  | 0,00215600  |
| -3          | Good news | 0,00280952  | 0,00657452  | Bad news | 0,00192786  | 0,00650742  | No news | 0,00125665  | 0,00341264  |
| -2          | Good news | 0,00093127  | 0,00750578  | Bad news | -0,00302114 | 0,00348627  | No news | 0,00037716  | 0,00379880  |
| -1          | Good news | 0,00499966  | 0,01250545  | Bad news | 0,00373514  | 0,00722142  | No news | 0,00228180  | 0,00607160  |
| 0           | Good news | 0,00490769  | 0,01741314  | Bad news | -0,02140722 | -0,01418580 | No news | -0,00067804 | 0,00539356  |
| 1           | Good news | 0,00020258  | 0,01761572  | Bad news | -0,00526161 | -0,01944741 | No news | -0,00155099 | 0,00384257  |
| 2           | Good news | 0,00090393  | 0,01851964  | Bad news | -0,00176571 | -0,02121313 | No news | -0,00120852 | 0,00263405  |
| 3           | Good news | 0,00055350  | 0,01907315  | Bad news | 0,00131431  | -0,01989882 | No news | 0,00245887  | 0,00509292  |
| 4           | Good news | -0,00103372 | 0,01803943  | Bad news | -0,00074144 | -0,02064026 | No news | -0,00081266 | 0,00428026  |
| 5           | Good news | 0,00222962  | 0,02026905  | Bad news | 0,00205830  | -0,01858196 | No news | -0,00012952 | 0,00415075  |
| 6           | Good news | 0,00074007  | 0,02100912  | Bad news | -0,00177124 | -0,02035320 | No news | -0,00224563 | 0,00190511  |
| 7           | Good news | 0,00178956  | 0,02279868  | Bad news | -0,00092861 | -0,02128181 | No news | 0,00267478  | 0,00457989  |
| 8           | Good news | 0,00067904  | 0,02347772  | Bad news | 0,00025883  | -0,02102298 | No news | -0,00141294 | 0,00316695  |
| 9           | Good news | -0,00005666 | 0,02342106  | Bad news | -0,00026625 | -0,02128923 | No news | -0,00035246 | 0,00281449  |
| 10          | Good news | -0,00063036 | 0,02279069  | Bad news | -0,00043427 | -0,02172350 | No news | -0,00505683 | -0,00224234 |
| 11          | Good news | 0,00063863  | 0,02342932  | Bad news | -0,00038139 | -0,02210489 | No news | 0,00281104  | 0,00056871  |
| 12          | Good news | -0,00206578 | 0,02136354  | Bad news | -0,00337955 | -0,02548444 | No news | -0,00124194 | -0,00067323 |
| 13          | Good news | 0,00041943  | 0,02178297  | Bad news | 0,00086364  | -0,02462080 | No news | -0,00334589 | -0,00401913 |
| 14          | Good news | -0,00110142 | 0,02068155  | Bad news | -0,00097981 | -0,02560061 | No news | 0,00115398  | -0,00286514 |
| 15          | Good news | -0,00046000 | 0,02022155  | Bad news | 0,00126370  | -0,02433691 | No news | 0,00192683  | -0,00093831 |
| 16          | Good news | -0,00054113 | 0,01968041  | Bad news | -0,00050014 | -0,02483706 | No news | 0,00175624  | 0,00081792  |
| 17          | Good news | -0,00068919 | 0,01899122  | Bad news | 0,00212750  | -0,02270956 | No news | -0,00274773 | -0,00192980 |
| 18          | Good news | -0,00090843 | 0,01808280  | Bad news | 0,00116850  | -0,02154106 | No news | 0,00228346  | 0,00035365  |
| 19          | Good news | 0,00067172  | 0,01875451  | Bad news | -0,00071084 | -0,02225191 | No news | -0,00362940 | -0,00327575 |
| 20          | Good news | 0,00212141  | 0,02087593  | Bad news | 0,00005536  | -0,02219655 | No news | 0,00110123  | -0,00217452 |
| 21          | Good news | -0,00139325 | 0,01948267  | Bad news | 0,00104798  | -0,02114857 | No news | -0,00127502 | 0,00344954  |
| 22          | Good news | 0,00045543  | 0,01993811  | Bad news | -0,00053939 | -0,02168796 | No news | -0,00057720 | -0,00402674 |
| 23          | Good news | 0,00047351  | 0,02041162  | Bad news | -0,00018915 | -0,02187710 | No news | -0,00015573 | -0,00418247 |
| 24          | Good news | -0,00119262 | 0,01921900  | Bad news | -0,00002914 | -0,02190624 | No news | 0,00283371  | -0,00134876 |
| 25          | Good news | -0,00125879 | 0,01796020  | Bad news | -0,00045400 | -0,02236024 | No news | -0,00333594 | -0,00468470 |
| 26          | Good news | -0,00029238 | 0,01766782  | Bad news | -0,00089419 | -0,02325444 | No news | -0,00101450 | -0,00569920 |
| 27          | Good news | 0,00057502  | 0,01824285  | Bad news | 0,00081467  | -0,02243977 | No news | 0,00326162  | -0,00243758 |
| 28          | Good news | -0,00066467 | 0,01757818  | Bad news | -0,00075509 | -0,02319486 | No news | 0,00192679  | -0,00051079 |
| 29          | Good news | -0,00035020 | 0,01722798  | Bad news | 0,00097990  | -0,02221496 | No news | 0,00098290  | 0,00047211  |
| 30          | Good news | 0,00068792  | 0,01791590  | Bad news | 0,00157967  | -0,02063529 | No news | -0,00070170 | -0,00022959 |
| 31          | Good news | 0,00120954  | 0,01912544  | Bad news | 0,00251915  | -0,01811615 | No news | -0,00196683 | -0,00219642 |
| 32          | Good news | -0,00047112 | 0,01865432  | Bad news | 0,00024771  | -0,01786844 | No news | 0,00466252  | 0,00246610  |
| 33          | Good news | 0,00145443  | 0,02010876  | Bad news | 0,00065978  | -0,01720867 | No news | 0,00233979  | 0,00480588  |
| 34          | Good news | 0,00131417  | 0,02142293  | Bad news | 0,00307255  | -0,01413612 | No news | -0,00178756 | 0,00301833  |
| 35          | Good news | 0,00141143  | 0,02283436  | Bad news | -0,00061789 | -0,01475401 | No news | 0,00081805  | 0,00383638  |
| 36          | Good news | 0,00087453  | 0,02370889  | Bad news | 0,00256736  | -0,01218664 | No news | 0,00091302  | 0,00474940  |
| 37          | Good news | -0,00026457 | 0,02344432  | Bad news | -0,00500285 | -0,01718949 | No news | 0,00067590  | 0,00542530  |
| 38          | Good news | 0,00151622  | 0,02496053  | Bad news | 0,00036608  | -0,01682341 | No news | -0,00393574 | 0,00148956  |
| 39          | Good news | 0,00059670  | 0,02555723  | Bad news | -0,00124592 | -0,01806933 | No news | 0,00120375  | 0,00269331  |
| 40          | Good news | 0,00251869  | 0,02807592  | Bad news | 0,00069331  | -0,01737602 | No news | -0,00340990 | -0,00071660 |
| 41          | Good news | -0,00100724 | 0,02706868  | Bad news | 0,00171965  | -0,01565636 | No news | 0,00273729  | 0,00202069  |
| 42          | Good news | 0,00126313  | 0,02833181  | Bad news | -0,00255667 | -0,01821304 | No news | 0,00110166  | 0,00312235  |
| 43          | Good news | -0,00109531 | 0,02723649  | Bad news | 0,00299364  | -0,01521940 | No news | -0,00009193 | 0,00303042  |
| 44          | Good news | -0,00209127 | 0,02514523  | Bad news | -0,00320383 | -0,01842323 | No news | 0,00078509  | 0,00381551  |
| 45          | Good news | -0,00139147 | 0,02375375  | Bad news | -0,00177953 | -0,02020276 | No news | 0,00012279  | 0,00393830  |
| 46          | Good news | 0,00148380  | 0,02523755  | Bad news | 0,00208113  | -0,01812162 | No news | -0,00156484 | 0,00237347  |
| 47          | Good news | -0,00003286 | 0,02520469  | Bad news | -0,00446575 | -0,02258737 | No news | 0,00267816  | 0,00505162  |
| 48          | Good news | -0,00173235 | 0,02347234  | Bad news | 0,00109917  | -0,02148820 | No news | -0,00130779 | 0,00374384  |
| 49          | Good news | -0,00054948 | 0,02292286  | Bad news | 0,00491647  | -0,01657174 | No news | 0,00074043  | 0,00448427  |
| 50          | Good news | 0,00155846  | 0,02448132  | Bad news | -0,00053227 | -0,01710400 | No news | 0,00298070  | 0,00746497  |
| 51          | Good news | 0,00255321  | 0,02703453  | Bad news | -0,00093451 | -0,01803851 | No news | 0,00280743  | 0,01027240  |
| 52          | Good news | 0,00015786  | 0,02719239  | Bad news | 0,00311621  | -0,01492231 | No news | 0,00324793  | 0,01352033  |
| 53          | Good news | -0,00132417 | 0,02586823  | Bad news | -0,00003617 | -0,01495848 | No news | -0,00253280 | 0,01098753  |
| 54          | Good news | -0,00143407 | 0,02443416  | Bad news | 0,00044411  | -0,01451437 | No news | -0,00446147 | 0,00652606  |
| 55          | Good news | 0,00075666  | 0,02519082  | Bad news | -0,00102887 | -0,01554324 | No news | -0,00166599 | 0,00486007  |
| 56          | Good news | 0,00440550  | 0,02959632  | Bad news | -0,00018231 | -0,01572555 | No news | -0,00139262 | 0,00346745  |
| 57          | Good news | -0,00268440 | 0,02691192  | Bad news | 0,00312341  | -0,01260214 | No news | -0,00174543 | 0,00172202  |
| 58          | Good news | 0,00045068  | 0,02736260  | Bad news | -0,00135911 | -0,01396125 | No news | -0,00173000 | -0,00000798 |
| 59          | Good news | -0,00051210 | 0,02685050  | Bad news | -0,00227058 | -0,01623183 | No news | 0,00106717  | 0,00105919  |
| 60          | Good news | -0,00067476 | 0,02617574  | Bad news | 0,00066792  | -0,01556391 | No news | -0,00125688 | -0,00019769 |

Norway - Model 2 (UE)

| Eventwindow | News      | AAR         | CAAR       | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|-------------|------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | 0,00119632  | 0,00119632 | Bad news | -0,00042732 | -0,00042732 | No news | -0,00080114 | -0,00080114 |
| -14         | Good news | -0,00087010 | 0,00032622 | Bad news | -0,00216509 | -0,00259241 | No news | 0,00430517  | 0,00350402  |
| -13         | Good news | 0,00053544  | 0,00086166 | Bad news | -0,00018916 | -0,00278157 | No news | -0,00026408 | 0,00323995  |
| -12         | Good news | 0,00035001  | 0,00121167 | Bad news | -0,00113191 | -0,00391348 | No news | -0,00291184 | 0,00032810  |
| -11         | Good news | 0,00184579  | 0,00305746 | Bad news | -0,00266515 | -0,00657864 | No news | -0,00010726 | 0,00022084  |
| -10         | Good news | 0,00139235  | 0,00444981 | Bad news | 0,00194500  | -0,00463364 | No news | -0,00100992 | -0,00078907 |
| -9          | Good news | -0,00038417 | 0,00483398 | Bad news | 0,00132145  | -0,00331218 | No news | -0,00316349 | -0,00395256 |
| -8          | Good news | -0,00118413 | 0,00364986 | Bad news | -0,00000719 | -0,00331938 | No news | 0,00531944  | 0,00136687  |
| -7          | Good news | 0,00095958  | 0,00460944 | Bad news | -0,00121926 | -0,00453864 | No news | -0,00096516 | 0,00040171  |
| -6          | Good news | 0,00146773  | 0,00607716 | Bad news | 0,00006106  | -0,00447758 | No news | -0,00148638 | -0,00108467 |
| -5          | Good news | 0,00069836  | 0,00677553 | Bad news | 0,00172860  | -0,00274898 | No news | -0,00216322 | -0,00324789 |
| -4          | Good news | 0,00282929  | 0,00960482 | Bad news | 0,00268245  | -0,00006654 | No news | -0,00431543 | -0,00756332 |
| -3          | Good news | 0,00099295  | 0,01059777 | Bad news | 0,00371096  | 0,00364442  | No news | 0,00143763  | -0,00612569 |
| -2          | Good news | 0,00189806  | 0,01249583 | Bad news | -0,00409125 | -0,00044683 | No news | 0,00230064  | -0,00382505 |
| -1          | Good news | 0,00346769  | 0,01596352 | Bad news | 0,00533184  | 0,00488501  | No news | 0,00154556  | -0,00227949 |
| 0           | Good news | 0,00448096  | 0,02044448 | Bad news | -0,01907302 | -0,01418801 | No news | -0,00746291 | -0,00974240 |
| 1           | Good news | 0,00077566  | 0,02122014 | Bad news | -0,00571890 | -0,01990691 | No news | -0,00105399 | -0,01079639 |
| 2           | Good news | 0,00056664  | 0,02178678 | Bad news | -0,00133650 | -0,02124342 | No news | -0,00154516 | -0,01234155 |
| 3           | Good news | 0,00084567  | 0,02263246 | Bad news | 0,00143773  | -0,01980569 | No news | -0,00038454 | -0,01272609 |
| 4           | Good news | 0,00038712  | 0,02301958 | Bad news | -0,00210441 | -0,02191010 | No news | -0,00131971 | -0,01404580 |
| 5           | Good news | 0,00195412  | 0,02497371 | Bad news | 0,00237602  | -0,01953408 | No news | -0,00100438 | -0,01505018 |
| 6           | Good news | 0,00135919  | 0,02633289 | Bad news | -0,00260188 | -0,02213596 | No news | -0,00063968 | -0,01568986 |
| 7           | Good news | 0,00121151  | 0,02754440 | Bad news | -0,00062199 | -0,02275795 | No news | 0,00585451  | -0,00983535 |
| 8           | Good news | 0,00129679  | 0,02884119 | Bad news | 0,00021240  | -0,02254555 | No news | -0,00608535 | -0,01592070 |
| 9           | Good news | -0,00151365 | 0,02732755 | Bad news | 0,00110596  | -0,02143959 | No news | 0,00030762  | -0,01561308 |
| 10          | Good news | -0,00067483 | 0,02665272 | Bad news | -0,00154455 | -0,02298415 | No news | 0,00227697  | -0,01333611 |
| 11          | Good news | 0,00120721  | 0,02785992 | Bad news | -0,00068708 | -0,02367123 | No news | 0,00176384  | -0,01157228 |
| 12          | Good news | -0,00346173 | 0,02439820 | Bad news | -0,00236720 | -0,02603843 | No news | 0,00230377  | -0,00926850 |
| 13          | Good news | 0,00152162  | 0,02591982 | Bad news | -0,00016260 | -0,02620102 | No news | -0,00508816 | -0,01435666 |
| 14          | Good news | -0,00080347 | 0,02511636 | Bad news | -0,00200498 | -0,02820600 | No news | 0,00710331  | -0,00725335 |
| 15          | Good news | -0,00056159 | 0,02455477 | Bad news | 0,00130600  | -0,02690000 | No news | 0,00242377  | -0,00482958 |
| 16          | Good news | 0,00018289  | 0,02473765 | Bad news | -0,00108776 | -0,02798776 | No news | 0,00132034  | -0,00350924 |
| 17          | Good news | -0,00092941 | 0,02380824 | Bad news | 0,00188506  | -0,02610270 | No news | -0,00065147 | -0,00416071 |
| 18          | Good news | -0,00025961 | 0,02354863 | Bad news | 0,00122025  | -0,02488245 | No news | -0,00278635 | -0,00694706 |
| 19          | Good news | 0,00102294  | 0,02457157 | Bad news | -0,00151778 | -0,02640023 | No news | -0,00093207 | -0,00787914 |
| 20          | Good news | 0,00078679  | 0,02535836 | Bad news | 0,00092754  | -0,02547269 | No news | 0,00499414  | -0,00288499 |
| 21          | Good news | -0,00038724 | 0,02497111 | Bad news | -0,00036108 | -0,02583377 | No news | 0,00090129  | -0,00198370 |
| 22          | Good news | -0,00089375 | 0,02407736 | Bad news | 0,00121315  | -0,02462062 | No news | -0,00347581 | -0,00545951 |
| 23          | Good news | 0,00120516  | 0,02528252 | Bad news | -0,00118109 | -0,02580171 | No news | 0,00181326  | -0,00364625 |
| 24          | Good news | -0,00158173 | 0,02370079 | Bad news | 0,00058974  | -0,02521197 | No news | 0,00181576  | -0,00183049 |
| 25          | Good news | -0,00123016 | 0,02247063 | Bad news | -0,00072109 | -0,02593307 | No news | -0,00238828 | -0,00421877 |
| 26          | Good news | -0,00056732 | 0,02190331 | Bad news | -0,00005684 | -0,02598990 | No news | -0,00517240 | -0,00939117 |
| 27          | Good news | 0,00068001  | 0,02258333 | Bad news | 0,00078357  | -0,02520634 | No news | 0,00334292  | -0,00604825 |
| 28          | Good news | -0,00035393 | 0,02222939 | Bad news | -0,00073220 | -0,02593854 | No news | 0,00015987  | -0,00588838 |
| 29          | Good news | -0,00030838 | 0,02192101 | Bad news | 0,00044770  | -0,02549084 | No news | 0,00452934  | -0,00135904 |
| 30          | Good news | 0,00209328  | 0,02401429 | Bad news | 0,00007641  | -0,02541443 | No news | -0,00068093 | -0,00203997 |
| 31          | Good news | 0,00122863  | 0,02524293 | Bad news | 0,00176698  | -0,02364745 | No news | 0,00219188  | 0,00015191  |
| 32          | Good news | -0,00144121 | 0,02380171 | Bad news | 0,00213205  | -0,02151540 | No news | -0,00097864 | -0,00082673 |
| 33          | Good news | 0,00117907  | 0,02498078 | Bad news | 0,00108911  | -0,02042629 | No news | 0,00170619  | 0,00087946  |
| 34          | Good news | 0,00253477  | 0,02751555 | Bad news | 0,00126523  | -0,01916106 | No news | 0,00112152  | 0,00200098  |
| 35          | Good news | 0,00095723  | 0,02847278 | Bad news | -0,00024402 | -0,01940508 | No news | 0,00195140  | 0,00395238  |
| 36          | Good news | -0,00001168 | 0,02846110 | Bad news | 0,00343835  | -0,01596672 | No news | 0,00049051  | 0,00444289  |
| 37          | Good news | 0,00039001  | 0,02885112 | Bad news | -0,00489667 | -0,02086339 | No news | -0,00314694 | 0,00129595  |
| 38          | Good news | 0,00114419  | 0,02999531 | Bad news | 0,00075786  | -0,02010553 | No news | -0,00513320 | -0,00383725 |
| 39          | Good news | 0,00095278  | 0,03094809 | Bad news | -0,00119527 | -0,02130080 | No news | -0,00104476 | -0,00488201 |
| 40          | Good news | 0,00310363  | 0,03405171 | Bad news | -0,00011766 | -0,02141847 | No news | -0,00270723 | -0,00758924 |
| 41          | Good news | 0,00008282  | 0,03413453 | Bad news | 0,00087415  | -0,02054432 | No news | 0,00096975  | -0,00661949 |
| 42          | Good news | -0,00059737 | 0,03353716 | Bad news | -0,00117276 | -0,02171708 | No news | 0,00593126  | -0,00068823 |
| 43          | Good news | 0,00000728  | 0,03354445 | Bad news | 0,00177476  | -0,01994232 | No news | -0,00036652 | -0,00105475 |
| 44          | Good news | -0,00203537 | 0,03150908 | Bad news | -0,00264756 | -0,02258987 | No news | -0,00262386 | -0,00367862 |
| 45          | Good news | -0,00043439 | 0,03107469 | Bad news | 0,00007403  | -0,02251584 | No news | -0,02023854 | -0,02391716 |
| 46          | Good news | 0,00209554  | 0,03317023 | Bad news | 0,00104948  | -0,02146637 | No news | 0,00052650  | -0,02339066 |
| 47          | Good news | -0,00082096 | 0,03234927 | Bad news | -0,00285795 | -0,02432432 | No news | -0,00117656 | -0,02456722 |
| 48          | Good news | -0,00110418 | 0,03124509 | Bad news | 0,00106348  | -0,02326084 | No news | -0,00656305 | -0,03113027 |
| 49          | Good news | 0,00109461  | 0,03233970 | Bad news | 0,00303185  | -0,02022899 | No news | 0,00098705  | -0,03014322 |
| 50          | Good news | 0,00146042  | 0,03380011 | Bad news | 0,00033496  | -0,01989403 | No news | -0,00164700 | -0,03179023 |
| 51          | Good news | 0,00215598  | 0,03595609 | Bad news | 0,00007009  | -0,01982395 | No news | -0,00045121 | -0,03224144 |
| 52          | Good news | 0,00065500  | 0,03661109 | Bad news | 0,00349912  | -0,01632483 | No news | -0,00347394 | -0,03571538 |
| 53          | Good news | -0,00092297 | 0,03568813 | Bad news | -0,00091880 | -0,01724363 | No news | 0,00027709  | -0,03543829 |
| 54          | Good news | -0,00048345 | 0,03520468 | Bad news | -0,00121634 | -0,01845997 | No news | -0,00065173 | -0,03609002 |
| 55          | Good news | 0,00146497  | 0,03666965 | Bad news | -0,00150443 | -0,01996440 | No news | -0,00345565 | -0,03954567 |
| 56          | Good news | 0,00208523  | 0,03875488 | Bad news | 0,00202884  | -0,01793556 | No news | -0,00051737 | -0,04006304 |
| 57          | Good news | 0,00322683  | 0,04198171 | Bad news | -0,00064780 | -0,01858336 | No news | -0,01949535 | -0,05955838 |
| 58          | Good news | -0,00086936 | 0,04111235 | Bad news | -0,00007689 | -0,01866025 | No news | -0,00138445 | -0,06094283 |
| 59          | Good news | 0,00006159  | 0,04117394 | Bad news | -0,00231753 | -0,02097778 | No news | -0,00184836 | -0,06279120 |
| 60          | Good news | -0,00097418 | 0,04019976 | Bad news | 0,00113988  | -0,01983789 | No news | -0,00313617 | -0,06592737 |

Norway - Model 5 (UE)

| Eventwindow | News      | AAR         | CAAR        | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|-------------|-------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | 0,00113066  | 0,00113066  | Bad news | -0,00057522 | -0,00057522 | No news | 0,00065530  | 0,00065530  |
| -14         | Good news | -0,00027157 | 0,00085909  | Bad news | -0,00221671 | -0,00279192 | No news | 0,00012941  | 0,00078470  |
| -13         | Good news | 0,00037148  | 0,00123056  | Bad news | 0,00031869  | -0,00247324 | No news | -0,00299504 | -0,00221034 |
| -12         | Good news | 0,00055243  | 0,00178299  | Bad news | -0,00138200 | -0,00385524 | No news | -0,00286457 | -0,00507491 |
| -11         | Good news | 0,00150547  | 0,00328846  | Bad news | -0,00244320 | -0,00629844 | No news | 0,00048167  | -0,00459324 |
| -10         | Good news | 0,00088062  | 0,00416908  | Bad news | 0,00204761  | -0,00425082 | No news | 0,00218273  | -0,00241051 |
| -9          | Good news | 0,00013253  | 0,00430161  | Bad news | 0,00084549  | -0,00340533 | No news | 0,00241059  | 0,00000008  |
| -8          | Good news | -0,00161908 | 0,00268253  | Bad news | 0,00061775  | -0,00278758 | No news | 0,00437739  | 0,00437747  |
| -7          | Good news | 0,00106773  | 0,00375025  | Bad news | -0,00115139 | -0,00393897 | No news | -0,00260756 | 0,00176991  |
| -6          | Good news | 0,00166211  | 0,00541236  | Bad news | -0,00049564 | -0,00443462 | No news | 0,00103143  | 0,00280134  |
| -5          | Good news | 0,00024927  | 0,00566163  | Bad news | 0,00218244  | -0,00225218 | No news | -0,00219663 | 0,00060470  |
| -4          | Good news | 0,00307914  | 0,00874077  | Bad news | 0,00184806  | -0,00040412 | No news | -0,00023413 | 0,00037058  |
| -3          | Good news | 0,00157254  | 0,01031331  | Bad news | 0,00313106  | 0,00272694  | No news | 0,00151812  | 0,00188870  |
| -2          | Good news | 0,00212983  | 0,01244314  | Bad news | -0,00414974 | -0,00142280 | No news | 0,00053413  | 0,00242283  |
| -1          | Good news | 0,00232834  | 0,01477148  | Bad news | 0,00620670  | 0,00478390  | No news | 0,00386130  | 0,00628413  |
| 0           | Good news | 0,00374017  | 0,01851165  | Bad news | -0,01867847 | -0,01389457 | No news | -0,00682207 | -0,00053794 |
| 1           | Good news | 0,00016424  | 0,01867589  | Bad news | -0,00472823 | -0,01862280 | No news | -0,00439900 | -0,00493694 |
| 2           | Good news | 0,00042098  | 0,01909687  | Bad news | -0,00085253 | -0,01947533 | No news | -0,00438737 | -0,00932430 |
| 3           | Good news | 0,00138204  | 0,02047891  | Bad news | 0,00053353  | -0,01894181 | No news | 0,00233014  | -0,00699416 |
| 4           | Good news | -0,00019461 | 0,02028430  | Bad news | -0,00106101 | -0,02000281 | No news | -0,00504313 | -0,01203729 |
| 5           | Good news | 0,00300235  | 0,02328665  | Bad news | 0,00129291  | -0,01870991 | No news | -0,00109675 | -0,01313404 |
| 6           | Good news | 0,00044333  | 0,02371998  | Bad news | -0,00190151 | -0,02061142 | No news | 0,00094144  | -0,01219260 |
| 7           | Good news | 0,00155611  | 0,02527609  | Bad news | -0,00038744 | -0,02099886 | No news | 0,00141754  | -0,01077507 |
| 8           | Good news | 0,00112756  | 0,02640365  | Bad news | -0,00014594 | -0,02114480 | No news | -0,00243164 | -0,01320671 |
| 9           | Good news | -0,00130224 | 0,02510141  | Bad news | 0,00134617  | -0,01979862 | No news | -0,00297607 | -0,01618277 |
| 10          | Good news | -0,00096410 | 0,02413731  | Bad news | -0,00102803 | -0,02082665 | No news | 0,00068074  | -0,01550203 |
| 11          | Good news | 0,00169243  | 0,02582974  | Bad news | -0,00147382 | -0,02230047 | No news | 0,00391130  | -0,01159072 |
| 12          | Good news | -0,00125908 | 0,02457065  | Bad news | -0,00208512 | -0,02438559 | No news | -0,01709524 | -0,02868597 |
| 13          | Good news | 0,00044663  | 0,02501729  | Bad news | 0,00035884  | -0,02402675 | No news | -0,00103365 | -0,02971962 |
| 14          | Good news | -0,00033748 | 0,02467981  | Bad news | -0,00209289 | -0,02611963 | No news | 0,00442813  | -0,02529149 |
| 15          | Good news | 0,00055389  | 0,02523370  | Bad news | 0,00025165  | -0,02586798 | No news | 0,00199820  | -0,02329329 |
| 16          | Good news | -0,00024378 | 0,02498992  | Bad news | -0,00063903 | -0,02650701 | No news | 0,00122114  | -0,02207215 |
| 17          | Good news | -0,00066109 | 0,02432882  | Bad news | 0,00192839  | -0,02457862 | No news | -0,00293269 | -0,02500485 |
| 18          | Good news | -0,00079450 | 0,02353432  | Bad news | 0,00126229  | -0,02331633 | No news | 0,00111603  | -0,02388882 |
| 19          | Good news | -0,00057107 | 0,02296325  | Bad news | -0,00062014 | -0,02393647 | No news | 0,00454943  | -0,01933938 |
| 20          | Good news | 0,00171903  | 0,02468228  | Bad news | 0,00028047  | -0,02365600 | No news | 0,00282147  | -0,01651791 |
| 21          | Good news | 0,00004389  | 0,02472617  | Bad news | -0,00062883 | -0,02428482 | No news | -0,00038789 | -0,01690580 |
| 22          | Good news | 0,00008401  | 0,02481018  | Bad news | 0,00015497  | -0,02412985 | No news | -0,00306760 | -0,01997340 |
| 23          | Good news | 0,00026238  | 0,02507256  | Bad news | -0,00018090 | -0,02431075 | No news | 0,00144746  | -0,01852594 |
| 24          | Good news | -0,00144869 | 0,02362386  | Bad news | 0,00065517  | -0,02365558 | No news | 0,00057657  | -0,01794938 |
| 25          | Good news | -0,00256312 | 0,02106074  | Bad news | 0,00081769  | -0,02283790 | No news | -0,00373375 | -0,02168313 |
| 26          | Good news | -0,00038643 | 0,02067431  | Bad news | -0,00073508 | -0,02357298 | No news | -0,00156877 | -0,02325189 |
| 27          | Good news | 0,00142083  | 0,02209514  | Bad news | 0,00018313  | -0,02338985 | No news | 0,00224814  | -0,02100375 |
| 28          | Good news | -0,00059281 | 0,02150233  | Bad news | -0,00056803 | -0,02395788 | No news | 0,00079620  | -0,02020755 |
| 29          | Good news | -0,00026565 | 0,02123668  | Bad news | 0,00069838  | -0,02325950 | No news | 0,00255941  | -0,01764814 |
| 30          | Good news | 0,00144886  | 0,02268554  | Bad news | 0,00080976  | -0,02244974 | No news | -0,00152139 | -0,01916954 |
| 31          | Good news | 0,00216606  | 0,02485160  | Bad news | 0,00070956  | -0,02174018 | No news | 0,00301262  | -0,01615692 |
| 32          | Good news | -0,00084679 | 0,02400481  | Bad news | 0,00078769  | -0,02095249 | No news | 0,00498462  | -0,01117230 |
| 33          | Good news | 0,00066867  | 0,02467348  | Bad news | 0,00124412  | -0,01970837 | No news | 0,00460295  | -0,00656935 |
| 34          | Good news | 0,00210933  | 0,02678281  | Bad news | 0,000205836 | -0,01765001 | No news | -0,00180840 | -0,00837775 |
| 35          | Good news | 0,00032898  | 0,02711179  | Bad news | 0,00024825  | -0,01740176 | No news | 0,00312098  | -0,00525677 |
| 36          | Good news | 0,00032146  | 0,02743325  | Bad news | 0,00278580  | -0,01461596 | No news | 0,00315644  | -0,00210033 |
| 37          | Good news | 0,00000196  | 0,02743521  | Bad news | -0,00428443 | -0,01890038 | No news | -0,00535088 | -0,00745121 |
| 38          | Good news | 0,00142797  | 0,02886317  | Bad news | 0,00003774  | -0,01886265 | No news | -0,00217856 | -0,00962977 |
| 39          | Good news | 0,00047063  | 0,02933380  | Bad news | -0,00093001 | -0,01979266 | No news | 0,00049276  | -0,00913701 |
| 40          | Good news | 0,00302559  | 0,03235940  | Bad news | 0,00013474  | -0,01965791 | No news | -0,00458293 | -0,01371994 |
| 41          | Good news | 0,00009331  | 0,03245271  | Bad news | 0,00133550  | -0,01832242 | No news | -0,00259990 | -0,01631984 |
| 42          | Good news | -0,00067575 | 0,03238514  | Bad news | -0,00093014 | -0,01925255 | No news | 0,00013964  | -0,01618020 |
| 43          | Good news | -0,00072934 | 0,03165580  | Bad news | 0,00227671  | -0,01697584 | No news | 0,00171126  | -0,01446894 |
| 44          | Good news | -0,00182250 | 0,02983330  | Bad news | -0,00315867 | -0,02013451 | No news | -0,00042360 | -0,01489254 |
| 45          | Good news | -0,00265958 | 0,027117372 | Bad news | 0,00023557  | -0,01989894 | No news | -0,00479119 | -0,01968373 |
| 46          | Good news | 0,00063785  | 0,02781158  | Bad news | 0,00211239  | -0,01778655 | No news | 0,00375301  | -0,01593072 |
| 47          | Good news | -0,00155525 | 0,02625632  | Bad news | -0,00260274 | -0,02038928 | No news | 0,00255329  | -0,01337743 |
| 48          | Good news | -0,00106886 | 0,02518746  | Bad news | 0,00105653  | -0,01933276 | No news | -0,00695547 | -0,02033289 |
| 49          | Good news | 0,00168183  | 0,02686929  | Bad news | 0,00259007  | -0,01674268 | No news | -0,00014945 | -0,02048234 |
| 50          | Good news | 0,00141729  | 0,02828658  | Bad news | 0,00040452  | -0,01633816 | No news | -0,00209124 | -0,02257358 |
| 51          | Good news | 0,00261508  | 0,03090167  | Bad news | -0,00053455 | -0,01687270 | No news | 0,00029902  | -0,02227456 |
| 52          | Good news | 0,00031531  | 0,03121698  | Bad news | 0,00331772  | -0,01355498 | No news | 0,00060542  | -0,02166914 |
| 53          | Good news | -0,00081669 | 0,03040028  | Bad news | -0,00109798 | -0,01465296 | No news | 0,00088871  | -0,02078044 |
| 54          | Good news | -0,00141280 | 0,02898748  | Bad news | -0,00045723 | -0,01511020 | No news | 0,00081444  | -0,01996599 |
| 55          | Good news | 0,00213334  | 0,03112083  | Bad news | -0,00236930 | -0,01747949 | No news | -0,00254163 | -0,02250762 |
| 56          | Good news | 0,00262492  | 0,03374575  | Bad news | 0,00148046  | -0,01599904 | No news | -0,00071541 | -0,02322303 |
| 57          | Good news | 0,00240423  | 0,03614998  | Bad news | -0,00311442 | -0,01911346 | No news | 0,00472993  | -0,01849310 |
| 58          | Good news | -0,00043453 | 0,03571545  | Bad news | -0,00069113 | -0,01980459 | No news | -0,00005998 | -0,01855308 |
| 59          | Good news | 0,00052252  | 0,03623796  | Bad news | -0,00298814 | -0,02279273 | No news | -0,00057977 | -0,01913285 |
| 60          | Good news | -0,00116949 | 0,03506847  | Bad news | 0,00128744  | -0,02150529 | No news | -0,00270578 | -0,02183863 |

Norway - Model 1 (SUE)

| Eventwindow | News      | AAR         | CAAR        | News     | AAR         | CAAR        | News    | AAR          | CAAR        |
|-------------|-----------|-------------|-------------|----------|-------------|-------------|---------|--------------|-------------|
| -15         | Good news | 0,00003710  | 0,00003710  | Bad news | 0,00092588  | 0,00092588  | No news | -0,00217886  | -0,00217886 |
| -14         | Good news | -0,00101038 | -0,00097328 | Bad news | -0,00139926 | -0,00047337 | No news | -0,00044243  | -0,00262129 |
| -13         | Good news | 0,00087458  | -0,00009869 | Bad news | -0,00054718 | -0,00102055 | No news | 0,00011751   | -0,00250378 |
| -12         | Good news | -0,00074952 | -0,00084822 | Bad news | 0,00036722  | -0,00065333 | No news | -0,00489494  | -0,00739872 |
| -11         | Good news | 0,00124514  | 0,00039692  | Bad news | -0,00178685 | -0,00244018 | No news | -0,00250290  | -0,00990162 |
| -10         | Good news | 0,00026250  | 0,00065942  | Bad news | 0,00270043  | 0,00026025  | No news | 0,00125742   | -0,00864419 |
| -9          | Good news | 0,00031324  | 0,00097266  | Bad news | 0,00156370  | 0,00182395  | No news | -0,00300973  | -0,01165392 |
| -8          | Good news | 0,00003665  | 0,00100931  | Bad news | -0,00011880 | 0,00170515  | No news | -0,00305892  | -0,01471285 |
| -7          | Good news | 0,000003544 | 0,00104475  | Bad news | -0,00070649 | 0,00099865  | No news | 0,00227941   | -0,01243344 |
| -6          | Good news | 0,00114404  | 0,00218879  | Bad news | 0,00001622  | 0,00101487  | No news | 0,00048454   | -0,01194890 |
| -5          | Good news | -0,00092700 | 0,00126179  | Bad news | 0,00250246  | 0,00351733  | No news | 0,00457209   | -0,00737681 |
| -4          | Good news | 0,00355341  | 0,00481520  | Bad news | 0,00097243  | 0,00448975  | No news | 0,00239563   | -0,00498118 |
| -3          | Good news | 0,00264327  | 0,00745846  | Bad news | 0,00219308  | 0,00668284  | No news | 0,00125982   | -0,00372137 |
| -2          | Good news | 0,00085599  | 0,00831445  | Bad news | -0,00273071 | 0,00395213  | No news | -0,00130147  | -0,00502284 |
| -1          | Good news | 0,00447198  | 0,01278643  | Bad news | 0,00434042  | 0,00829254  | No news | 0,00178797   | -0,00323487 |
| 0           | Good news | 0,00535951  | 0,01814595  | Bad news | -0,02084972 | -0,01255718 | No news | -0,00630098  | -0,00953585 |
| 1           | Good news | 0,00036358  | 0,01850952  | Bad news | -0,00535553 | -0,01791271 | No news | -0,00247243  | -0,01200828 |
| 2           | Good news | 0,00081112  | 0,01932064  | Bad news | -0,00223705 | -0,02014975 | No news | 0,00177640   | -0,01023188 |
| 3           | Good news | 0,00060622  | 0,01992686  | Bad news | 0,00157235  | -0,01857740 | No news | 0,00131145   | -0,00892043 |
| 4           | Good news | -0,00128622 | 0,01864064  | Bad news | -0,00039215 | -0,01896955 | No news | -0,00121776  | -0,01013819 |
| 5           | Good news | 0,00168236  | 0,02032299  | Bad news | 0,00246505  | -0,01650450 | No news | 0,00081279   | -0,00932539 |
| 6           | Good news | 0,00064109  | 0,02096408  | Bad news | -0,00155017 | -0,01805467 | No news | -0,00369861  | -0,01302400 |
| 7           | Good news | 0,00214362  | 0,02310771  | Bad news | -0,00075967 | -0,01881434 | No news | 0,00005332   | -0,01297068 |
| 8           | Good news | 0,00070593  | 0,02381363  | Bad news | -0,00018489 | -0,01899923 | No news | 0,00051418   | -0,01245650 |
| 9           | Good news | -0,00010370 | 0,02370994  | Bad news | -0,00008144 | -0,01908066 | No news | -0,00117013  | -0,01362664 |
| 10          | Good news | -0,00090472 | 0,02280521  | Bad news | -0,00045159 | -0,01953226 | No news | -0,00412728  | -0,01775391 |
| 11          | Good news | 0,00073828  | 0,02354349  | Bad news | -0,00033508 | -0,01986734 | No news | 0,00277899   | -0,01497492 |
| 12          | Good news | -0,00233467 | 0,02120882  | Bad news | 0,00290412  | -0,02277146 | No news | -0,00276653  | -0,01774145 |
| 13          | Good news | 0,00045830  | 0,02166713  | Bad news | 0,00123195  | -0,02153951 | No news | -0,00572568  | -0,02346713 |
| 14          | Good news | -0,00074904 | 0,02091808  | Bad news | -0,00109322 | -0,02263273 | No news | -0,00143611  | -0,02490324 |
| 15          | Good news | -0,00028967 | 0,02062841  | Bad news | 0,00144546  | -0,02118727 | No news | 0,00000952   | -0,02489372 |
| 16          | Good news | -0,00045621 | 0,02017221  | Bad news | -0,00051639 | -0,02170367 | No news | 0,00156412   | -0,02332960 |
| 17          | Good news | -0,00056158 | 0,01961063  | Bad news | 0,00182415  | -0,01987951 | No news | -0,00139048  | -0,02472008 |
| 18          | Good news | -0,00079827 | 0,01881236  | Bad news | 0,00138962  | -0,01848989 | No news | 0,00046468   | -0,02425540 |
| 19          | Good news | 0,00052195  | 0,01933432  | Bad news | -0,00149679 | -0,01998668 | No news | 0,00131527   | -0,02294012 |
| 20          | Good news | 0,00205870  | 0,02139302  | Bad news | 0,00025013  | -0,01973656 | No news | -0,00044569  | -0,02338581 |
| 21          | Good news | -0,00113859 | 0,02025442  | Bad news | 0,00102556  | -0,01871099 | No news | -0,00216145  | -0,02554727 |
| 22          | Good news | 0,00013018  | 0,02038460  | Bad news | -0,00017709 | -0,01888809 | No news | -0,00075433  | -0,02630160 |
| 23          | Good news | 0,00021075  | 0,02059535  | Bad news | -0,00032590 | -0,01921399 | No news | 0,00104862   | -0,02525298 |
| 24          | Good news | -0,00079694 | 0,01979841  | Bad news | -0,00011417 | -0,01932815 | No news | 0,00120837   | -0,02404461 |
| 25          | Good news | -0,00143015 | 0,01836826  | Bad news | -0,00054806 | -0,01987621 | No news | -0,00161884  | -0,02566345 |
| 26          | Good news | -0,00043118 | 0,01793708  | Bad news | -0,00124377 | -0,02111998 | No news | 0,00213249   | -0,02353095 |
| 27          | Good news | 0,00077538  | 0,01871246  | Bad news | 0,00101774  | -0,02010225 | No news | 0,00018024   | -0,02335072 |
| 28          | Good news | -0,00041045 | 0,01830200  | Bad news | -0,00071020 | -0,02081245 | No news | 0,00026983   | -0,02308088 |
| 29          | Good news | -0,00023387 | 0,01806814  | Bad news | 0,00126988  | -0,01954257 | No news | -0,00144477  | -0,02452565 |
| 30          | Good news | 0,00129472  | 0,01936286  | Bad news | 0,00160495  | -0,01793762 | No news | -0,00509408  | -0,02961973 |
| 31          | Good news | 0,00087956  | 0,02024242  | Bad news | 0,00285062  | -0,01508700 | No news | -0,00222891  | -0,03184865 |
| 32          | Good news | 0,00027793  | 0,02052034  | Bad news | 0,00043628  | -0,01465072 | No news | -0,00092219  | -0,03277084 |
| 33          | Good news | 0,00182605  | 0,02234639  | Bad news | 0,00085907  | -0,01379165 | No news | -0,00175751  | -0,03452835 |
| 34          | Good news | -0,00047148 | 0,02187492  | Bad news | 0,00350963  | -0,01028201 | No news | -0,00419027  | -0,03871863 |
| 35          | Good news | 0,00099529  | 0,02287021  | Bad news | -0,00059040 | -0,01087242 | No news | 0,00109283   | -0,03762580 |
| 36          | Good news | 0,00117992  | 0,02405013  | Bad news | 0,00260355  | -0,00826887 | No news | 0,00206616   | -0,03555964 |
| 37          | Good news | 0,000000802 | 0,02405815  | Bad news | -0,00464377 | -0,01291263 | No news | -0,00210912  | -0,03766876 |
| 38          | Good news | 0,00131060  | 0,02536875  | Bad news | 0,00037597  | -0,01253667 | No news | -0,00380760  | -0,04147636 |
| 39          | Good news | 0,00053332  | 0,02590207  | Bad news | -0,00104038 | -0,01357704 | No news | -0,000007364 | -0,04155000 |
| 40          | Good news | 0,00224599  | 0,02814806  | Bad news | 0,00040540  | -0,01317165 | No news | -0,00095258  | -0,04250258 |
| 41          | Good news | -0,00068120 | 0,02746686  | Bad news | 0,00213937  | -0,01103228 | No news | -0,00313595  | -0,04563852 |
| 42          | Good news | 0,00182264  | 0,02928950  | Bad news | -0,00251106 | -0,01354334 | No news | -0,00329273  | -0,04893125 |
| 43          | Good news | -0,00086916 | 0,02842033  | Bad news | 0,00290095  | -0,01064239 | No news | 0,00103921   | -0,04789204 |
| 44          | Good news | -0,00231532 | 0,02610502  | Bad news | -0,00295397 | -0,01359636 | No news | 0,00017889   | -0,04771315 |
| 45          | Good news | -0,00125655 | 0,02484846  | Bad news | -0,00166362 | -0,01525998 | No news | -0,00176766  | -0,04948080 |
| 46          | Good news | 0,00131374  | 0,02616220  | Bad news | 0,00139348  | -0,01386649 | No news | 0,00349844   | -0,04598237 |
| 47          | Good news | 0,00032866  | 0,02649086  | Bad news | -0,00406619 | -0,01793269 | No news | -0,00137484  | -0,04735721 |
| 48          | Good news | -0,00146070 | 0,02503016  | Bad news | 0,00143429  | -0,01649840 | No news | -0,00215224  | -0,04950945 |
| 49          | Good news | -0,00081829 | 0,02421187  | Bad news | 0,00466217  | -0,01183623 | No news | 0,00394516   | -0,04556429 |
| 50          | Good news | 0,00191902  | 0,02613089  | Bad news | -0,00015323 | -0,01198946 | No news | -0,00163316  | -0,04719745 |
| 51          | Good news | 0,00301093  | 0,02914183  | Bad news | -0,00068390 | -0,01267336 | No news | 0,00101863   | -0,04617882 |
| 52          | Good news | 0,00060947  | 0,02975129  | Bad news | 0,00335427  | -0,00931909 | No news | -0,00261028  | -0,04878910 |
| 53          | Good news | -0,00095923 | 0,02879206  | Bad news | -0,00038297 | -0,00972026 | No news | -0,00176938  | -0,05055848 |
| 54          | Good news | -0,00171183 | 0,02708023  | Bad news | 0,00020148  | -0,00950057 | No news | -0,00156440  | -0,05212288 |
| 55          | Good news | 0,00057937  | 0,02765961  | Bad news | -0,00006669 | -0,00956726 | No news | -0,00717182  | -0,05929471 |
| 56          | Good news | 0,00392115  | 0,03158076  | Bad news | -0,00002445 | -0,00959171 | No news | 0,00024553   | -0,05904918 |
| 57          | Good news | -0,00256962 | 0,02901114  | Bad news | 0,00270586  | -0,00688584 | No news | -0,00003514  | -0,05908432 |
| 58          | Good news | 0,00019147  | 0,02920261  | Bad news | -0,00112878 | -0,00801462 | No news | -0,00257443  | -0,06165875 |
| 59          | Good news | -0,00057427 | 0,02862834  | Bad news | -0,00171236 | -0,00972698 | No news | -0,00197586  | -0,06363461 |
| 60          | Good news | -0,00038647 | 0,02824187  | Bad news | 0,00054621  | -0,00918077 | No news | -0,00209497  | -0,06572957 |

Norway - Model 2 (SUE)

| Eventwindow | News      | AAR         | CAAR       | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|-------------|------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | 0,00114511  | 0,00114511 | Bad news | -0,00071313 | -0,00071313 | No news | 0,00140229  | 0,00140229  |
| -14         | Good news | -0,00086007 | 0,00028505 | Bad news | -0,00197441 | -0,00268754 | No news | 0,00360686  | 0,00500915  |
| -13         | Good news | 0,00065952  | 0,00094457 | Bad news | 0,00001436  | -0,00267318 | No news | -0,00248115 | 0,00252800  |
| -12         | Good news | 0,00031129  | 0,00125586 | Bad news | -0,00100922 | -0,00368240 | No news | -0,00388180 | -0,00135380 |
| -11         | Good news | 0,00185100  | 0,00310686 | Bad news | -0,00253278 | -0,00621518 | No news | -0,00101079 | -0,00236459 |
| -10         | Good news | 0,00124402  | 0,00435088 | Bad news | 0,00187388  | -0,00434130 | No news | -0,00085313 | -0,00321772 |
| -9          | Good news | 0,00035194  | 0,00470282 | Bad news | 0,00133291  | -0,00300838 | No news | -0,00293117 | -0,00614889 |
| -8          | Good news | -0,00106018 | 0,00364264 | Bad news | 0,00030191  | -0,00270648 | No news | 0,00188016  | -0,00426873 |
| -7          | Good news | 0,00068556  | 0,00432820 | Bad news | -0,00113543 | -0,00384191 | No news | 0,00141946  | -0,00284928 |
| -6          | Good news | 0,00134641  | 0,00567461 | Bad news | -0,00003920 | -0,00388111 | No news | -0,00046519 | -0,00331446 |
| -5          | Good news | 0,00083041  | 0,00650502 | Bad news | 0,00145663  | -0,00242449 | No news | -0,00140879 | -0,00472325 |
| -4          | Good news | 0,00274327  | 0,00924829 | Bad news | 0,00192465  | -0,00049984 | No news | 0,00195125  | -0,00277200 |
| -3          | Good news | 0,00170313  | 0,01095143 | Bad news | 0,00344323  | 0,0294339   | No news | -0,00169703 | -0,00446903 |
| -2          | Good news | 0,00166043  | 0,01261186 | Bad news | -0,00379231 | -0,00084892 | No news | 0,00195916  | -0,00250987 |
| -1          | Good news | 0,00323544  | 0,01584729 | Bad news | 0,00500687  | 0,00415796  | No news | 0,00591410  | 0,00340423  |
| 0           | Good news | 0,00444213  | 0,02028943 | Bad news | -0,01894347 | -0,01478551 | No news | -0,00646953 | -0,00306530 |
| 1           | Good news | 0,00073097  | 0,02102040 | Bad news | -0,00525254 | -0,02003805 | No news | -0,00478037 | -0,00784567 |
| 2           | Good news | 0,00063426  | 0,02165466 | Bad news | -0,00169427 | -0,02173232 | No news | 0,00028505  | -0,00756063 |
| 3           | Good news | 0,00104705  | 0,02270171 | Bad news | 0,00108944  | -0,02064289 | No news | 0,00147168  | -0,00608895 |
| 4           | Good news | 0,00033449  | 0,02303619 | Bad news | -0,00202497 | -0,02266786 | No news | -0,00141950 | -0,00750845 |
| 5           | Good news | 0,00192320  | 0,02495940 | Bad news | 0,00209989  | -0,02056797 | No news | 0,00127900  | -0,00622945 |
| 6           | Good news | 0,00122408  | 0,02618348 | Bad news | -0,00236507 | -0,02293305 | No news | -0,00197726 | -0,00820671 |
| 7           | Good news | 0,00126388  | 0,02744736 | Bad news | -0,00014572 | -0,02307876 | No news | 0,00300975  | -0,00519696 |
| 8           | Good news | 0,00094398  | 0,02839134 | Bad news | -0,00015010 | -0,02322887 | No news | -0,00149258 | -0,00668955 |
| 9           | Good news | -0,00163619 | 0,02675515 | Bad news | 0,00155747  | -0,02167139 | No news | -0,00250909 | -0,00919864 |
| 10          | Good news | -0,00080231 | 0,02595284 | Bad news | -0,00137170 | -0,02304310 | No news | 0,00178400  | -0,00741464 |
| 11          | Good news | 0,00134853  | 0,02730137 | Bad news | -0,00062008 | -0,02366318 | No news | 0,00110330  | -0,00631134 |
| 12          | Good news | -0,00319570 | 0,02410567 | Bad news | 0,00228594  | -0,02594912 | No news | -0,00057228 | -0,00688362 |
| 13          | Good news | 0,00165332  | 0,02575899 | Bad news | -0,00047392 | -0,02642305 | No news | -0,00347691 | -0,01036053 |
| 14          | Good news | -0,00103684 | 0,02472215 | Bad news | -0,00106925 | -0,02749230 | No news | 0,00078789  | -0,00957264 |
| 15          | Good news | -0,00076079 | 0,02396136 | Bad news | 0,00169671  | -0,02579559 | No news | 0,00118959  | -0,00838305 |
| 16          | Good news | 0,00030977  | 0,02427113 | Bad news | -0,00106943 | -0,02686502 | No news | 0,00040026  | -0,00798279 |
| 17          | Good news | -0,00082124 | 0,02344988 | Bad news | 0,00182442  | -0,02504060 | No news | -0,00050044 | -0,00848323 |
| 18          | Good news | -0,00043764 | 0,02301224 | Bad news | 0,00126127  | -0,02377932 | No news | -0,00215195 | -0,01063518 |
| 19          | Good news | 0,00112288  | 0,02413512 | Bad news | -0,00167310 | -0,02545243 | No news | -0,00117145 | -0,01180663 |
| 20          | Good news | 0,00098428  | 0,02511940 | Bad news | 0,00115600  | -0,02429642 | No news | 0,00102684  | -0,01077979 |
| 21          | Good news | 0,00012261  | 0,02524201 | Bad news | -0,00046633 | -0,02476275 | No news | -0,00140074 | -0,01218053 |
| 22          | Good news | -0,00085763 | 0,02438439 | Bad news | 0,00119219  | -0,02357056 | No news | -0,00424709 | -0,01642762 |
| 23          | Good news | 0,00086649  | 0,02525088 | Bad news | -0,00096527 | -0,02453583 | No news | 0,00144280  | -0,01498482 |
| 24          | Good news | -0,00155590 | 0,02369498 | Bad news | 0,00086785  | -0,02366798 | No news | -0,00046696 | -0,01545177 |
| 25          | Good news | -0,00115652 | 0,02253846 | Bad news | -0,00075686 | -0,02442484 | No news | -0,00263062 | -0,01808240 |
| 26          | Good news | -0,00081463 | 0,02172383 | Bad news | -0,00029337 | -0,02471821 | No news | -0,00165240 | -0,01973480 |
| 27          | Good news | 0,00080046  | 0,02252430 | Bad news | 0,00069603  | -0,02402218 | No news | 0,00246382  | -0,01727097 |
| 28          | Good news | -0,00021711 | 0,02230718 | Bad news | -0,00056179 | -0,02458397 | No news | -0,00234207 | -0,01961304 |
| 29          | Good news | -0,00044723 | 0,02185996 | Bad news | 0,00098413  | -0,02359984 | No news | 0,00181723  | -0,01779581 |
| 30          | Good news | 0,00242208  | 0,02428204 | Bad news | 0,00037011  | -0,02322973 | No news | -0,00620141 | -0,02399723 |
| 31          | Good news | 0,00127532  | 0,02555735 | Bad news | 0,00202530  | -0,02120443 | No news | -0,00033521 | -0,02433243 |
| 32          | Good news | -0,00104616 | 0,02451119 | Bad news | 0,00176243  | -0,01944200 | No news | -0,00144775 | -0,02578018 |
| 33          | Good news | 0,00135918  | 0,02587037 | Bad news | 0,00099907  | -0,01844293 | No news | 0,00040412  | -0,02537606 |
| 34          | Good news | 0,00090682  | 0,02677719 | Bad news | 0,00155722  | -0,01688571 | No news | -0,00210094 | -0,02747700 |
| 35          | Good news | 0,00043302  | 0,02721021 | Bad news | -0,00027802 | -0,01716373 | No news | 0,00399212  | -0,02348489 |
| 36          | Good news | 0,00033085  | 0,02754105 | Bad news | 0,00332119  | -0,01384254 | No news | 0,00278176  | -0,02070313 |
| 37          | Good news | 0,00059055  | 0,02813161 | Bad news | -0,00451917 | -0,01836171 | No news | -0,00673194 | -0,02743507 |
| 38          | Good news | 0,00135153  | 0,02948314 | Bad news | 0,00008027  | -0,01828144 | No news | -0,00273082 | -0,03016589 |
| 39          | Good news | 0,00058042  | 0,03006356 | Bad news | -0,00135405 | -0,01963549 | No news | 0,00278032  | -0,02738557 |
| 40          | Good news | 0,00303054  | 0,03309410 | Bad news | -0,00022365 | -0,01985914 | No news | -0,00239684 | -0,02978241 |
| 41          | Good news | -0,00009929 | 0,03299481 | Bad news | 0,00114016  | -0,01871898 | No news | -0,00152919 | -0,03131159 |
| 42          | Good news | -0,00049912 | 0,03249569 | Bad news | -0,00065693 | -0,01937591 | No news | 0,00107357  | -0,03023802 |
| 43          | Good news | 0,00023281  | 0,03272850 | Bad news | 0,00171174  | -0,01766416 | No news | 0,00070593  | -0,02953209 |
| 44          | Good news | -0,00212447 | 0,03060403 | Bad news | -0,00306246 | -0,02072662 | No news | 0,00053021  | -0,02900188 |
| 45          | Good news | -0,00048442 | 0,03011961 | Bad news | -0,00235438 | -0,02308100 | No news | -0,00240438 | -0,03140625 |
| 46          | Good news | 0,00217614  | 0,03229575 | Bad news | 0,00089179  | -0,02218921 | No news | 0,00104233  | -0,03036393 |
| 47          | Good news | -0,00095584 | 0,03133990 | Bad news | -0,00313063 | -0,02531984 | No news | 0,00308620  | -0,02727773 |
| 48          | Good news | -0,00080073 | 0,03053917 | Bad news | 0,00061839  | -0,02470145 | No news | -0,00230556 | -0,02958329 |
| 49          | Good news | 0,00101158  | 0,03155075 | Bad news | 0,00311690  | -0,02158455 | No news | 0,00050878  | -0,02907451 |
| 50          | Good news | 0,00161433  | 0,03316508 | Bad news | -0,00002608 | -0,02161063 | No news | -0,00024280 | -0,02931730 |
| 51          | Good news | 0,00261485  | 0,03577993 | Bad news | 0,00043248  | -0,02117815 | No news | -0,00416959 | -0,03348690 |
| 52          | Good news | 0,00042847  | 0,03620840 | Bad news | 0,00301065  | -0,01816750 | No news | -0,00030990 | -0,03379680 |
| 53          | Good news | -0,00074691 | 0,03546149 | Bad news | -0,00069155 | -0,01885905 | No news | -0,00143526 | -0,03523206 |
| 54          | Good news | -0,00023426 | 0,03522723 | Bad news | -0,00124368 | -0,02010273 | No news | -0,00260383 | -0,03783588 |
| 55          | Good news | 0,00137001  | 0,03659724 | Bad news | -0,00171895 | -0,02182168 | No news | -0,00172559 | -0,03956147 |
| 56          | Good news | 0,00193749  | 0,03853473 | Bad news | 0,00183595  | -0,01998573 | No news | 0,00190131  | -0,03766016 |
| 57          | Good news | 0,00054596  | 0,03908069 | Bad news | -0,00052248 | -0,02050822 | No news | -0,00054355 | -0,03820371 |
| 58          | Good news | -0,00084774 | 0,03823295 | Bad news | -0,00020835 | -0,02071657 | No news | -0,00183643 | -0,04004014 |
| 59          | Good news | -0,00002853 | 0,03820442 | Bad news | -0,00235656 | -0,02307313 | No news | -0,00099949 | -0,04103963 |
| 60          | Good news | -0,00058436 | 0,03762006 | Bad news | 0,00083644  | -0,02223668 | No news | -0,00385819 | -0,04489782 |

Norway - Model 5 (SUE)

| Eventwindow | News      | AAR         | CAAR       | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|-------------|------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | 0,00132231  | 0,00132231 | Bad news | -0,00045259 | -0,00045259 | No news | -0,00266150 | -0,00266150 |
| -14         | Good news | -0,00042814 | 0,00089417 | Bad news | -0,00228160 | -0,00273419 | No news | 0,00226210  | -0,00039941 |
| -13         | Good news | 0,00048768  | 0,00138184 | Bad news | 0,00028612  | -0,00244808 | No news | -0,00338835 | -0,00378775 |
| -12         | Good news | 0,00059531  | 0,00197715 | Bad news | -0,00159874 | -0,00404682 | No news | -0,00155025 | -0,00533800 |
| -11         | Good news | 0,00130950  | 0,00328665 | Bad news | -0,00224574 | -0,00629256 | No news | 0,00062705  | -0,00471095 |
| -10         | Good news | 0,00077968  | 0,00406633 | Bad news | 0,00215580  | -0,00413676 | No news | 0,00091792  | -0,00379302 |
| -9          | Good news | 0,00014173  | 0,00420806 | Bad news | 0,00103867  | -0,00309809 | No news | 0,00157594  | -0,00221708 |
| -8          | Good news | -0,00138777 | 0,00282029 | Bad news | 0,00087760  | -0,00222049 | No news | 0,00005571  | -0,00216138 |
| -7          | Good news | 0,00101130  | 0,00383159 | Bad news | -0,00125044 | -0,00347093 | No news | -0,00074006 | -0,00290144 |
| -6          | Good news | 0,00154521  | 0,00537680 | Bad news | -0,00031547 | -0,00378640 | No news | -0,00006716 | -0,00296859 |
| -5          | Good news | 0,00021953  | 0,00559633 | Bad news | 0,00222237  | -0,00156403 | No news | -0,00247811 | -0,00544670 |
| -4          | Good news | 0,00281649  | 0,00841282 | Bad news | 0,00193372  | 0,00036969  | No news | 0,00110531  | -0,00434140 |
| -3          | Good news | 0,00182730  | 0,01024011 | Bad news | 0,00308623  | 0,00345591  | No news | 0,00052392  | -0,00381748 |
| -2          | Good news | 0,00221682  | 0,01245693 | Bad news | -0,00411037 | -0,0065446  | No news | -0,00105042 | -0,00486790 |
| -1          | Good news | 0,00215249  | 0,01460942 | Bad news | 0,00638745  | 0,00573299  | No news | 0,00392257  | -0,00094533 |
| 0           | Good news | 0,00370606  | 0,01831548 | Bad news | -0,01906681 | -0,01333382 | No news | -0,00252986 | -0,00347519 |
| 1           | Good news | 0,00052689  | 0,01884237 | Bad news | -0,00458592 | -0,01791974 | No news | -0,00958994 | -0,01306513 |
| 2           | Good news | 0,00023404  | 0,01907642 | Bad news | -0,00113479 | -0,01905453 | No news | -0,00132785 | -0,01439298 |
| 3           | Good news | 0,00147240  | 0,02054881 | Bad news | 0,00040133  | -0,01865321 | No news | 0,00361114  | -0,01078184 |
| 4           | Good news | -0,00035556 | 0,02019325 | Bad news | -0,00128590 | -0,01993911 | No news | -0,00202278 | -0,01280462 |
| 5           | Good news | 0,00322841  | 0,02342166 | Bad news | 0,00127895  | -0,01866016 | No news | -0,00315799 | -0,01596262 |
| 6           | Good news | 0,00045360  | 0,02387526 | Bad news | -0,00183130 | -0,02049146 | No news | -0,00031087 | -0,01627348 |
| 7           | Good news | 0,00195640  | 0,02583166 | Bad news | -0,00023259 | -0,02072405 | No news | -0,00254915 | -0,01882263 |
| 8           | Good news | 0,00106080  | 0,02689246 | Bad news | 0,00021227  | -0,02051178 | No news | -0,00577771 | -0,02460034 |
| 9           | Good news | -0,00161265 | 0,02527981 | Bad news | 0,00143732  | -0,01907446 | No news | -0,00120206 | -0,02580240 |
| 10          | Good news | -0,00095211 | 0,02432770 | Bad news | -0,00088573 | -0,01996019 | No news | -0,00113274 | -0,02693514 |
| 11          | Good news | 0,00205935  | 0,02638705 | Bad news | -0,00162833 | -0,02158851 | No news | 0,00315784  | -0,02377730 |
| 12          | Good news | -0,00347394 | 0,02291311 | Bad news | -0,00189543 | -0,02348395 | No news | -0,00131975 | -0,02509705 |
| 13          | Good news | 0,00069130  | 0,02360442 | Bad news | 0,00042530  | -0,02305865 | No news | -0,00302147 | -0,02811851 |
| 14          | Good news | -0,00054208 | 0,02306233 | Bad news | -0,00177313 | -0,02483178 | No news | 0,00244066  | -0,02567785 |
| 15          | Good news | 0,00030341  | 0,02336574 | Bad news | 0,00024230  | -0,02458948 | No news | 0,00462299  | -0,02105486 |
| 16          | Good news | -0,00010195 | 0,02326380 | Bad news | -0,00072518 | -0,02531466 | No news | 0,00086967  | -0,02018519 |
| 17          | Good news | -0,00086432 | 0,02239947 | Bad news | 0,00177599  | -0,02353867 | No news | 0,00069618  | -0,01948901 |
| 18          | Good news | -0,00078842 | 0,02161105 | Bad news | 0,00143103  | -0,02210764 | No news | -0,00025822 | -0,01974722 |
| 19          | Good news | -0,00031978 | 0,02129127 | Bad news | -0,00039783 | -0,02250547 | No news | 0,00019649  | -0,01955073 |
| 20          | Good news | 0,00187549  | 0,02316676 | Bad news | 0,00024532  | -0,02226015 | No news | 0,00099196  | -0,01855877 |
| 21          | Good news | 0,00039041  | 0,02355717 | Bad news | -0,00025538 | -0,02251553 | No news | -0,00564316 | -0,02420193 |
| 22          | Good news | 0,00025685  | 0,02381402 | Bad news | 0,00021444  | -0,02230109 | No news | -0,00538394 | -0,02958587 |
| 23          | Good news | 0,00022163  | 0,02403565 | Bad news | -0,00041709 | -0,02271818 | No news | 0,00215163  | -0,02743424 |
| 24          | Good news | -0,00168664 | 0,02234901 | Bad news | 0,00074728  | -0,02197090 | No news | 0,00208118  | -0,02535307 |
| 25          | Good news | -0,00293992 | 0,01940910 | Bad news | 0,00067523  | -0,02129567 | No news | 0,00088237  | -0,02447070 |
| 26          | Good news | -0,00065862 | 0,01875047 | Bad news | -0,00056174 | -0,02185741 | No news | -0,00065386 | -0,02512455 |
| 27          | Good news | 0,00148571  | 0,02023618 | Bad news | 0,00049117  | -0,02136624 | No news | -0,00182500 | -0,02694955 |
| 28          | Good news | -0,00033480 | 0,01990138 | Bad news | -0,00017337 | -0,02153960 | No news | -0,00467431 | -0,03162386 |
| 29          | Good news | -0,00066436 | 0,01923702 | Bad news | 0,00166194  | -0,01987766 | No news | -0,00183817 | -0,03346204 |
| 30          | Good news | 0,00171373  | 0,02095075 | Bad news | 0,00061752  | -0,01926014 | No news | -0,00240264 | -0,03586468 |
| 31          | Good news | 0,00240936  | 0,02336011 | Bad news | 0,00099420  | -0,01826594 | No news | -0,00138794 | -0,03725262 |
| 32          | Good news | -0,00056067 | 0,02279944 | Bad news | 0,00148893  | -0,01677701 | No news | -0,00295018 | -0,04020280 |
| 33          | Good news | 0,00077924  | 0,02357868 | Bad news | 0,00150026  | -0,01527675 | No news | 0,00116876  | -0,03903405 |
| 34          | Good news | 0,00022435  | 0,02380304 | Bad news | 0,00215190  | -0,01312485 | No news | -0,00107846 | -0,04011250 |
| 35          | Good news | -0,00004751 | 0,02375552 | Bad news | 0,00021004  | -0,01291481 | No news | 0,00394164  | -0,03617086 |
| 36          | Good news | 0,00067488  | 0,02443040 | Bad news | 0,00308260  | -0,00983221 | No news | 0,00225223  | -0,03391862 |
| 37          | Good news | 0,00025943  | 0,02468983 | Bad news | -0,00429734 | -0,01412955 | No news | -0,00649726 | -0,04041588 |
| 38          | Good news | 0,00161285  | 0,02630268 | Bad news | 0,00000937  | -0,01412018 | No news | -0,00461643 | -0,04503231 |
| 39          | Good news | 0,00024177  | 0,02654444 | Bad news | -0,00107671 | -0,01519689 | No news | 0,00309374  | -0,04193858 |
| 40          | Good news | 0,00281848  | 0,02936292 | Bad news | 0,00008109  | -0,01511580 | No news | -0,00363147 | -0,04557005 |
| 41          | Good news | 0,00007446  | 0,02943738 | Bad news | 0,00115148  | -0,01396432 | No news | -0,00296252 | -0,04853257 |
| 42          | Good news | 0,00019076  | 0,02962814 | Bad news | -0,00099395 | -0,01495827 | No news | -0,00213665 | -0,05066922 |
| 43          | Good news | -0,00050963 | 0,02911851 | Bad news | 0,00239019  | -0,01256808 | No news | 0,00166757  | -0,04900165 |
| 44          | Good news | -0,00193398 | 0,02718453 | Bad news | -0,00323038 | -0,01579846 | No news | 0,00014558  | -0,04885607 |
| 45          | Good news | -0,00272753 | 0,02445700 | Bad news | 0,00018145  | -0,01561701 | No news | -0,00461545 | -0,05347152 |
| 46          | Good news | 0,00082828  | 0,02528528 | Bad news | 0,00199554  | -0,01362148 | No news | 0,00327197  | -0,05019955 |
| 47          | Good news | -0,00123673 | 0,02404856 | Bad news | -0,00265287 | -0,01627435 | No news | 0,00114552  | -0,04905403 |
| 48          | Good news | -0,00085558 | 0,02319297 | Bad news | 0,00073055  | -0,01554379 | No news | -0,00256322 | -0,05161725 |
| 49          | Good news | 0,00185528  | 0,02504825 | Bad news | 0,00256422  | -0,01297957 | No news | -0,00186684 | -0,05348409 |
| 50          | Good news | 0,00124483  | 0,02629309 | Bad news | 0,00030540  | -0,01267416 | No news | -0,00007539 | -0,05355948 |
| 51          | Good news | 0,00304759  | 0,02934067 | Bad news | -0,00029368 | -0,01296784 | No news | -0,00211099 | -0,05567047 |
| 52          | Good news | 0,00024375  | 0,02958442 | Bad news | 0,00339591  | -0,00957193 | No news | -0,00157825 | -0,05724872 |
| 53          | Good news | -0,00069842 | 0,02888600 | Bad news | -0,00100175 | -0,01057368 | No news | 0,00079337  | -0,05645535 |
| 54          | Good news | -0,00135393 | 0,02753207 | Bad news | -0,00018498 | -0,01075866 | No news | -0,00195257 | -0,05840793 |
| 55          | Good news | 0,00220584  | 0,02973791 | Bad news | -0,00257683 | -0,01333549 | No news | -0,00222352 | -0,06063145 |
| 56          | Good news | 0,00244262  | 0,03218053 | Bad news | 0,00123719  | -0,01209830 | No news | 0,00255561  | -0,05807584 |
| 57          | Good news | 0,00227127  | 0,03445180 | Bad news | -0,00263402 | -0,01473232 | No news | 0,00214754  | -0,05592829 |
| 58          | Good news | -0,00077213 | 0,03367967 | Bad news | -0,00045077 | -0,01518308 | No news | -0,00033489 | -0,05626319 |
| 59          | Good news | 0,00056244  | 0,03424210 | Bad news | -0,00293502 | -0,01811810 | No news | -0,00161326 | -0,05787644 |
| 60          | Good news | -0,00106621 | 0,03317590 | Bad news | 0,00093218  | -0,01718592 | No news | -0,00022408 | -0,05810053 |

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| Eventwindow | News      | AAR         | CAAR       | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|-------------|------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | 0,00132231  | 0,00132231 | Bad news | -0,00045259 | -0,00045259 | No news | -0,00266150 | -0,00266150 |
| -14         | Good news | -0,00042814 | 0,00089417 | Bad news | -0,00228160 | -0,00273419 | No news | 0,00226210  | -0,00039941 |
| -13         | Good news | 0,00048768  | 0,00138184 | Bad news | 0,00028612  | -0,00244808 | No news | -0,00338835 | -0,00378775 |
| -12         | Good news | 0,00059531  | 0,00197715 | Bad news | -0,00159874 | -0,00404682 | No news | -0,00155025 | -0,00533800 |
| -11         | Good news | 0,00130950  | 0,00328665 | Bad news | -0,00224574 | -0,00629256 | No news | 0,00062705  | -0,00471095 |
| -10         | Good news | 0,00077968  | 0,00406633 | Bad news | 0,00215580  | -0,00413676 | No news | 0,00091792  | -0,00379302 |
| -9          | Good news | 0,00014173  | 0,00420806 | Bad news | 0,00103867  | -0,00309809 | No news | 0,00157594  | -0,00221708 |
| -8          | Good news | -0,00138777 | 0,00282029 | Bad news | 0,00087760  | -0,00222049 | No news | 0,00005571  | -0,00216138 |
| -7          | Good news | 0,00101130  | 0,00383159 | Bad news | -0,00125044 | -0,00347093 | No news | -0,00074006 | -0,00290144 |
| -6          | Good news | 0,00154521  | 0,00537680 | Bad news | -0,00031547 | -0,00378640 | No news | -0,00006716 | -0,00296859 |
| -5          | Good news | 0,00021953  | 0,00559633 | Bad news | 0,00222237  | -0,00156403 | No news | -0,00247811 | -0,00544670 |
| -4          | Good news | 0,00281649  | 0,00841282 | Bad news | 0,00193372  | 0,00036969  | No news | 0,00110531  | -0,00434140 |
| -3          | Good news | 0,00182730  | 0,01024011 | Bad news | 0,00308623  | 0,00345591  | No news | 0,00052392  | -0,00381748 |
| -2          | Good news | 0,00221682  | 0,01245693 | Bad news | -0,00411037 | -0,00065446 | No news | -0,00105042 | -0,00486790 |
| -1          | Good news | 0,00215249  | 0,01460942 | Bad news | 0,00638745  | 0,00573299  | No news | 0,00392257  | -0,00094533 |
| 0           | Good news | 0,00370606  | 0,01831548 | Bad news | -0,01906681 | -0,01333382 | No news | -0,00252986 | -0,00347519 |
| 1           | Good news | 0,00052689  | 0,01884237 | Bad news | -0,00458592 | -0,01791974 | No news | -0,00958994 | -0,01306513 |
| 2           | Good news | 0,00023404  | 0,01907642 | Bad news | -0,00113479 | -0,01905453 | No news | -0,00132785 | -0,01439298 |
| 3           | Good news | 0,00147240  | 0,02054881 | Bad news | 0,00040133  | -0,01865321 | No news | 0,00361114  | -0,01078184 |
| 4           | Good news | -0,00035556 | 0,02019325 | Bad news | -0,00128590 | -0,01993911 | No news | -0,00202278 | -0,01280462 |
| 5           | Good news | 0,00322841  | 0,02342166 | Bad news | 0,00127895  | -0,01866016 | No news | -0,00315799 | -0,01596262 |
| 6           | Good news | 0,00045360  | 0,02387526 | Bad news | -0,00183130 | -0,02049146 | No news | -0,00031087 | -0,01627348 |
| 7           | Good news | 0,00195640  | 0,02583166 | Bad news | -0,00023259 | -0,02072405 | No news | -0,00254915 | -0,01882263 |
| 8           | Good news | 0,00106080  | 0,02689246 | Bad news | 0,00021227  | -0,02051178 | No news | -0,00577771 | -0,02460034 |
| 9           | Good news | -0,00161265 | 0,02527981 | Bad news | 0,00143732  | -0,01907446 | No news | -0,00120206 | -0,02580240 |
| 10          | Good news | -0,00095211 | 0,02432770 | Bad news | -0,00088573 | -0,01996019 | No news | -0,00113274 | -0,02693514 |
| 11          | Good news | 0,00205935  | 0,02638705 | Bad news | -0,00162833 | -0,02158851 | No news | 0,00315784  | -0,02377730 |
| 12          | Good news | -0,00347394 | 0,02291311 | Bad news | -0,00189543 | -0,02348395 | No news | -0,00131975 | -0,02509705 |
| 13          | Good news | 0,00069130  | 0,02360442 | Bad news | 0,00042530  | -0,02305865 | No news | -0,00302147 | -0,02811851 |
| 14          | Good news | -0,00054208 | 0,02306233 | Bad news | -0,00177313 | -0,02483178 | No news | 0,00244066  | -0,02567785 |
| 15          | Good news | 0,00030341  | 0,02336574 | Bad news | 0,00024230  | -0,02458948 | No news | 0,00462299  | -0,02105486 |
| 16          | Good news | -0,00010195 | 0,02326380 | Bad news | -0,00072518 | -0,02531466 | No news | 0,00086967  | -0,02018519 |
| 17          | Good news | -0,00086432 | 0,02239947 | Bad news | 0,00177599  | -0,02353867 | No news | 0,00069618  | -0,01948901 |
| 18          | Good news | -0,00078842 | 0,02161105 | Bad news | 0,00143103  | -0,02210764 | No news | -0,00025822 | -0,01974722 |
| 19          | Good news | -0,00031978 | 0,02129127 | Bad news | -0,00039783 | -0,02250547 | No news | 0,00019649  | -0,01955073 |
| 20          | Good news | 0,00187549  | 0,02316676 | Bad news | 0,00024532  | -0,02226015 | No news | 0,00099196  | -0,01855877 |
| 21          | Good news | 0,00039041  | 0,02355717 | Bad news | -0,00025538 | -0,02251553 | No news | -0,00564316 | -0,02420193 |
| 22          | Good news | 0,00025685  | 0,02381402 | Bad news | 0,00021444  | -0,02230109 | No news | -0,00538394 | -0,02958587 |
| 23          | Good news | 0,00022163  | 0,02403565 | Bad news | -0,00041709 | -0,02271818 | No news | 0,00215163  | -0,02743424 |
| 24          | Good news | -0,00168664 | 0,02234901 | Bad news | 0,00074728  | -0,02197090 | No news | 0,00208118  | -0,02535307 |
| 25          | Good news | -0,00293992 | 0,01940910 | Bad news | 0,00067523  | -0,02129567 | No news | 0,00088237  | -0,02447070 |
| 26          | Good news | -0,00065862 | 0,01875047 | Bad news | -0,00056174 | -0,02185741 | No news | -0,00065386 | -0,02512455 |
| 27          | Good news | 0,00148571  | 0,02023618 | Bad news | 0,00049117  | -0,02136624 | No news | -0,00182500 | -0,02694955 |
| 28          | Good news | -0,00033480 | 0,01990138 | Bad news | -0,00017337 | -0,02153960 | No news | -0,00467431 | -0,03162386 |
| 29          | Good news | -0,00066436 | 0,01923702 | Bad news | 0,00166194  | -0,01987766 | No news | -0,00183817 | -0,03346204 |
| 30          | Good news | 0,00171373  | 0,02095075 | Bad news | 0,00061752  | -0,01926014 | No news | -0,00240264 | -0,03586468 |
| 31          | Good news | 0,00240936  | 0,02336011 | Bad news | 0,00099420  | -0,01826594 | No news | -0,00138794 | -0,03725262 |
| 32          | Good news | -0,00056067 | 0,02279944 | Bad news | 0,00148893  | -0,01677701 | No news | -0,00295018 | -0,04020280 |
| 33          | Good news | 0,00077924  | 0,02357868 | Bad news | 0,00150026  | -0,01527675 | No news | 0,00116876  | -0,03903405 |
| 34          | Good news | 0,00022435  | 0,02380304 | Bad news | 0,00215190  | -0,01312485 | No news | -0,00107846 | -0,04011250 |
| 35          | Good news | -0,00004751 | 0,02375552 | Bad news | 0,00021004  | -0,01291481 | No news | 0,00394164  | -0,03617086 |
| 36          | Good news | 0,00067488  | 0,02443040 | Bad news | 0,00308260  | -0,00983221 | No news | 0,00225223  | -0,03391862 |
| 37          | Good news | 0,00025943  | 0,02468983 | Bad news | -0,00429734 | -0,01412955 | No news | -0,00649726 | -0,04041588 |
| 38          | Good news | 0,00161285  | 0,02630268 | Bad news | 0,00000937  | -0,01412018 | No news | -0,00461643 | -0,04503231 |
| 39          | Good news | 0,00024177  | 0,02654444 | Bad news | -0,00107671 | -0,01519689 | No news | 0,00309374  | -0,04193858 |
| 40          | Good news | 0,00281848  | 0,02936292 | Bad news | 0,00008109  | -0,01511580 | No news | -0,00363147 | -0,04557005 |
| 41          | Good news | 0,00007446  | 0,02943738 | Bad news | 0,00115148  | -0,01396432 | No news | -0,00296252 | -0,04853257 |
| 42          | Good news | 0,00019076  | 0,02962814 | Bad news | -0,00099395 | -0,01495827 | No news | -0,00213665 | -0,05066922 |
| 43          | Good news | -0,00050963 | 0,02911851 | Bad news | 0,00239019  | -0,01256808 | No news | 0,00166757  | -0,04900165 |
| 44          | Good news | -0,00193398 | 0,02718453 | Bad news | -0,00323038 | -0,01579846 | No news | 0,00014558  | -0,04885607 |
| 45          | Good news | -0,00272753 | 0,02445700 | Bad news | 0,00018145  | -0,01561701 | No news | -0,00461545 | -0,05347152 |
| 46          | Good news | 0,00082828  | 0,02528528 | Bad news | 0,00199554  | -0,01362148 | No news | 0,00327197  | -0,05019955 |
| 47          | Good news | -0,00123673 | 0,02404856 | Bad news | -0,00265287 | -0,01627435 | No news | 0,00114552  | -0,04905403 |
| 48          | Good news | -0,00085558 | 0,02319297 | Bad news | 0,00073055  | -0,01554379 | No news | -0,00256322 | -0,05161725 |
| 49          | Good news | 0,00185528  | 0,02504825 | Bad news | 0,00256422  | -0,01297957 | No news | -0,00186684 | -0,05348409 |
| 50          | Good news | 0,00124483  | 0,02629309 | Bad news | 0,00030540  | -0,01267416 | No news | -0,00007539 | -0,05355948 |
| 51          | Good news | 0,00304759  | 0,02934067 | Bad news | -0,00029368 | -0,01296784 | No news | -0,00211099 | -0,05567047 |
| 52          | Good news | 0,00024375  | 0,02958442 | Bad news | 0,00339591  | -0,00957193 | No news | -0,00157825 | -0,05724872 |
| 53          | Good news | -0,00069842 | 0,02888600 | Bad news | -0,00100175 | -0,01057368 | No news | 0,00079337  | -0,05645535 |
| 54          | Good news | -0,00135393 | 0,02753207 | Bad news | -0,00018498 | -0,01075866 | No news | -0,00195257 | -0,05840793 |
| 55          | Good news | 0,00220584  | 0,02973791 | Bad news | -0,00257683 | -0,01333549 | No news | -0,00222352 | -0,06063145 |
| 56          | Good news | 0,00244262  | 0,03218053 | Bad news | 0,00123719  | -0,01209830 | No news | 0,00255561  | -0,05807584 |
| 57          | Good news | 0,00227127  | 0,03445180 | Bad news | -0,00263402 | -0,01473232 | No news | 0,00214754  | -0,05592829 |
| 58          | Good news | -0,00077213 | 0,03367967 | Bad news | -0,00045077 | -0,01518308 | No news | -0,00033489 | -0,05626319 |
| 59          | Good news | 0,00056244  | 0,03424210 | Bad news | -0,00293502 | -0,01811810 | No news | -0,00161326 | -0,05787644 |
| 60          | Good news | -0,00106621 | 0,03317590 | Bad news | 0,00093218  | -0,01718592 | No news | -0,00022408 | -0,05810053 |

## Sweden - Model 2 (UE)

| Eventwindow | News      | AAR         | CAAR        | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|-------------|-------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | -0,00038879 | -0,00038879 | Bad news | -0,00007519 | -0,00007519 | No news | -0,00021825 | -0,00021825 |
| -14         | Good news | -0,00003774 | -0,00042654 | Bad news | -0,00057884 | -0,00065403 | No news | -0,00056641 | -0,00078466 |
| -13         | Good news | 0,00021685  | -0,00020969 | Bad news | -0,00088127 | -0,00153530 | No news | -0,00211406 | -0,00289872 |
| -12         | Good news | 0,00125238  | 0,00104269  | Bad news | -0,00031314 | -0,00184845 | No news | -0,00163462 | -0,00453334 |
| -11         | Good news | 0,00005629  | 0,00109898  | Bad news | -0,00213037 | -0,00397881 | No news | -0,00139301 | -0,00592635 |
| -10         | Good news | 0,00043828  | 0,00153726  | Bad news | 0,00087122  | -0,00310759 | No news | 0,00017584  | -0,00575052 |
| -9          | Good news | -0,00012165 | 0,00141561  | Bad news | -0,00169317 | -0,00480076 | No news | 0,00058241  | -0,00516811 |
| -8          | Good news | 0,00085245  | 0,00226806  | Bad news | -0,00108867 | -0,00588943 | No news | 0,00045005  | -0,00471806 |
| -7          | Good news | 0,00079185  | 0,00305991  | Bad news | -0,00009715 | -0,00598658 | No news | 0,00019086  | -0,00452720 |
| -6          | Good news | -0,00009752 | 0,00296239  | Bad news | -0,00034841 | -0,00633498 | No news | -0,00126561 | -0,00579281 |
| -5          | Good news | 0,00027375  | 0,00323615  | Bad news | -0,00013264 | -0,00646762 | No news | -0,00004099 | -0,00583380 |
| -4          | Good news | 0,00081267  | 0,00404882  | Bad news | -0,00044653 | -0,00691416 | No news | 0,00208813  | -0,00374567 |
| -3          | Good news | 0,00122053  | 0,00526935  | Bad news | 0,00087006  | -0,00604409 | No news | 0,00004797  | -0,00369770 |
| -2          | Good news | 0,00130299  | 0,00657234  | Bad news | 0,00042572  | -0,00561838 | No news | 0,00097331  | -0,00272439 |
| -1          | Good news | 0,00515030  | 0,01172264  | Bad news | 0,00210244  | -0,00351593 | No news | 0,00301046  | 0,00028607  |
| 0           | Good news | 0,01239986  | 0,02412249  | Bad news | -0,02288819 | -0,02640413 | No news | -0,00322023 | -0,00293416 |
| 1           | Good news | -0,00311509 | 0,02100740  | Bad news | -0,00425541 | -0,03065954 | No news | -0,00152893 | -0,00446309 |
| 2           | Good news | -0,00145910 | 0,01954830  | Bad news | -0,00028977 | -0,03094931 | No news | -0,00089386 | -0,00535696 |
| 3           | Good news | -0,00010279 | 0,01944551  | Bad news | 0,00016484  | -0,03078446 | No news | -0,00257879 | -0,00793575 |
| 4           | Good news | -0,00034955 | 0,01909597  | Bad news | 0,00112367  | -0,02966080 | No news | -0,00099490 | -0,00893065 |
| 5           | Good news | 0,00104060  | 0,02013656  | Bad news | -0,00037832 | -0,03003912 | No news | -0,00130058 | -0,01023123 |
| 6           | Good news | 0,00000449  | 0,02014105  | Bad news | 0,00117475  | -0,02886437 | No news | 0,00052797  | -0,00970326 |
| 7           | Good news | -0,00069153 | 0,01944952  | Bad news | 0,00014288  | -0,02872149 | No news | 0,00035332  | -0,00934994 |
| 8           | Good news | -0,00123039 | 0,01821913  | Bad news | 0,00104614  | -0,02767535 | No news | -0,00005138 | -0,00940132 |
| 9           | Good news | -0,00010566 | 0,01811347  | Bad news | -0,00035120 | -0,02802655 | No news | -0,00044459 | -0,00984591 |
| 10          | Good news | -0,00014714 | 0,01796633  | Bad news | 0,00013278  | -0,02789377 | No news | -0,00005347 | -0,00989938 |
| 11          | Good news | -0,00064173 | 0,01732460  | Bad news | 0,00132600  | -0,02656777 | No news | -0,00061892 | -0,01051830 |
| 12          | Good news | 0,00017991  | 0,01750451  | Bad news | 0,00155949  | -0,02500828 | No news | 0,00004151  | -0,01047680 |
| 13          | Good news | -0,00035401 | 0,01715049  | Bad news | -0,00226416 | -0,02727244 | No news | -0,00170460 | -0,01218140 |
| 14          | Good news | -0,00018343 | 0,01696706  | Bad news | 0,00047293  | -0,02679950 | No news | -0,00192433 | -0,01410573 |
| 15          | Good news | -0,00065327 | 0,01631379  | Bad news | -0,00031923 | -0,02711873 | No news | -0,00103205 | -0,01513778 |
| 16          | Good news | 0,00043082  | 0,01674462  | Bad news | 0,00131708  | -0,02580165 | No news | -0,00008462 | -0,01522240 |
| 17          | Good news | 0,00026971  | 0,01701433  | Bad news | -0,00221061 | -0,02801226 | No news | -0,00071900 | -0,01594139 |
| 18          | Good news | 0,000001680 | 0,01703113  | Bad news | 0,00066685  | -0,02734541 | No news | -0,00032997 | -0,01627136 |
| 19          | Good news | -0,00183935 | 0,01519178  | Bad news | -0,00057725 | -0,02792266 | No news | -0,00032958 | -0,01660094 |
| 20          | Good news | 0,00052671  | 0,01571849  | Bad news | -0,00035294 | -0,02827560 | No news | -0,00006984 | -0,01667078 |
| 21          | Good news | 0,00055490  | 0,01627339  | Bad news | 0,00055141  | -0,02772419 | No news | -0,00028927 | -0,01696005 |
| 22          | Good news | 0,00015158  | 0,01642498  | Bad news | 0,00169479  | -0,02602941 | No news | 0,00030805  | -0,01665200 |
| 23          | Good news | -0,00222782 | 0,01419716  | Bad news | 0,00052202  | -0,02550739 | No news | -0,00094705 | -0,01759905 |
| 24          | Good news | -0,00106124 | 0,01313591  | Bad news | -0,00105637 | -0,02656375 | No news | -0,00002910 | -0,01762815 |
| 25          | Good news | 0,000000825 | 0,01314416  | Bad news | 0,00103474  | -0,02552902 | No news | 0,00094875  | -0,01667939 |
| 26          | Good news | -0,0089286  | 0,01225130  | Bad news | 0,00093256  | -0,02459646 | No news | -0,00099317 | -0,01767256 |
| 27          | Good news | -0,00060328 | 0,01164801  | Bad news | 0,00052675  | -0,02406972 | No news | -0,00068953 | -0,01836209 |
| 28          | Good news | -0,00021845 | 0,01142957  | Bad news | 0,00117929  | -0,02289043 | No news | -0,00196384 | -0,02032593 |
| 29          | Good news | 0,00086658  | 0,01229615  | Bad news | 0,00078437  | -0,02210605 | No news | -0,00120939 | -0,02153532 |
| 30          | Good news | 0,00063441  | 0,01293056  | Bad news | -0,00003248 | -0,02213853 | No news | 0,00020855  | -0,02132676 |
| 31          | Good news | 0,00057213  | 0,01350268  | Bad news | 0,00151948  | -0,02061905 | No news | 0,00039759  | -0,02092917 |
| 32          | Good news | -0,00070378 | 0,01279890  | Bad news | -0,00074370 | -0,02136275 | No news | -0,00074043 | -0,02166960 |
| 33          | Good news | 0,00017788  | 0,01297679  | Bad news | 0,00029918  | -0,02106356 | No news | 0,00090906  | -0,02076054 |
| 34          | Good news | 0,00076326  | 0,01374005  | Bad news | 0,00142950  | -0,01963406 | No news | 0,00065998  | -0,02010056 |
| 35          | Good news | 0,00012518  | 0,01386523  | Bad news | 0,00172418  | -0,01790988 | No news | 0,00090579  | -0,01919477 |
| 36          | Good news | 0,00122110  | 0,01508633  | Bad news | -0,00036286 | -0,01827274 | No news | -0,00126405 | -0,02045882 |
| 37          | Good news | -0,00087865 | 0,01420768  | Bad news | -0,00133047 | -0,01960322 | No news | -0,00111572 | -0,02157454 |
| 38          | Good news | 0,00078890  | 0,01499658  | Bad news | -0,00050313 | -0,02010635 | No news | 0,00063071  | -0,02094383 |
| 39          | Good news | -0,00067366 | 0,01432292  | Bad news | 0,00100206  | -0,01910429 | No news | 0,00213886  | -0,01880497 |
| 40          | Good news | 0,000003092 | 0,01435384  | Bad news | 0,00047963  | -0,01862466 | No news | -0,00024063 | -0,01904560 |
| 41          | Good news | -0,00079086 | 0,01356298  | Bad news | 0,00066840  | -0,01795626 | No news | 0,00024895  | -0,01879665 |
| 42          | Good news | 0,00077879  | 0,01434177  | Bad news | 0,00087957  | -0,01707668 | No news | -0,00126394 | -0,02006059 |
| 43          | Good news | -0,00015010 | 0,01419167  | Bad news | 0,00135064  | -0,01572604 | No news | -0,00023887 | -0,02029946 |
| 44          | Good news | 0,00079997  | 0,01499164  | Bad news | -0,00028024 | -0,01600628 | No news | -0,00112600 | -0,02142546 |
| 45          | Good news | 0,00000998  | 0,01500161  | Bad news | -0,00041118 | -0,01641745 | No news | -0,00138740 | -0,02281286 |
| 46          | Good news | 0,00097813  | 0,01597974  | Bad news | 0,00099427  | -0,01542318 | No news | 0,00048353  | -0,02232933 |
| 47          | Good news | 0,00022401  | 0,01620376  | Bad news | -0,00090904 | -0,01633222 | No news | -0,00119042 | -0,02351975 |
| 48          | Good news | -0,00055222 | 0,01565154  | Bad news | 0,00048730  | -0,01584492 | No news | 0,00135026  | -0,02216950 |
| 49          | Good news | 0,00173049  | 0,01738203  | Bad news | -0,00077125 | -0,01661617 | No news | 0,00064489  | -0,02152460 |
| 50          | Good news | 0,00006544  | 0,01744746  | Bad news | 0,00110140  | -0,01551478 | No news | -0,00016958 | -0,02169419 |
| 51          | Good news | -0,00025443 | 0,01719303  | Bad news | 0,00083290  | -0,01468187 | No news | -0,00083489 | -0,02252908 |
| 52          | Good news | -0,00034575 | 0,01684728  | Bad news | -0,00066184 | -0,01534371 | No news | 0,00123079  | -0,02129829 |
| 53          | Good news | 0,00101677  | 0,01786405  | Bad news | -0,00064871 | -0,01599242 | No news | 0,00066871  | -0,02062958 |
| 54          | Good news | 0,00040388  | 0,01826793  | Bad news | 0,00053217  | -0,01546025 | No news | 0,00057806  | -0,02005152 |
| 55          | Good news | 0,00083486  | 0,01910279  | Bad news | 0,00045358  | -0,01500666 | No news | 0,00040053  | -0,01965098 |
| 56          | Good news | 0,00064027  | 0,01974306  | Bad news | -0,00031966 | -0,01532633 | No news | -0,00080952 | -0,02046051 |
| 57          | Good news | -0,00113708 | 0,01860598  | Bad news | -0,00061309 | -0,01593942 | No news | 0,00093795  | -0,01952255 |
| 58          | Good news | -0,00044229 | 0,01816368  | Bad news | -0,00054227 | -0,01648169 | No news | -0,00167050 | -0,02119305 |
| 59          | Good news | -0,00017078 | 0,01799291  | Bad news | 0,00085658  | -0,01562512 | No news | -0,00070745 | -0,02190050 |
| 60          | Good news | -0,00054933 | 0,01744358  | Bad news | 0,00078943  | -0,01483569 | No news | -0,00270410 | -0,02460460 |

## Sweden - Model 5 (UE)

| Eventwindow | News      | AAR         | CAAR        | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|-------------|-------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | -0,00027718 | -0,00027718 | Bad news | -0,00057738 | -0,00057738 | No news | -0,00017955 | -0,00017955 |
| -14         | Good news | -0,00005607 | -0,00033325 | Bad news | -0,00065275 | -0,00123013 | No news | 0,00073514  | 0,00055559  |
| -13         | Good news | -0,00011380 | -0,00044705 | Bad news | -0,00089424 | -0,00212437 | No news | -0,00088649 | -0,00033090 |
| -12         | Good news | 0,00079907  | 0,00035202  | Bad news | 0,00033929  | -0,00178508 | No news | -0,00098787 | -0,00131877 |
| -11         | Good news | 0,00001426  | 0,00036628  | Bad news | -0,00263136 | -0,00441644 | No news | -0,00039566 | -0,00171443 |
| -10         | Good news | 0,00056194  | 0,00092822  | Bad news | 0,00030391  | -0,00411253 | No news | 0,00016710  | -0,00154732 |
| -9          | Good news | -0,00011614 | 0,00081209  | Bad news | -0,00091182 | -0,00502435 | No news | -0,00023989 | -0,00178722 |
| -8          | Good news | 0,00167832  | 0,00249041  | Bad news | -0,00043482 | -0,00545917 | No news | -0,00110458 | -0,00289180 |
| -7          | Good news | 0,00114811  | 0,00363852  | Bad news | 0,00014183  | -0,00531734 | No news | -0,00105476 | -0,00394656 |
| -6          | Good news | 0,00016744  | 0,00380596  | Bad news | -0,00130744 | -0,00662478 | No news | 0,00021470  | -0,00373186 |
| -5          | Good news | 0,00101206  | 0,00481802  | Bad news | -0,00051175 | -0,00713653 | No news | -0,00051877 | -0,00425063 |
| -4          | Good news | 0,00122888  | 0,00604691  | Bad news | -0,00101565 | -0,00815217 | No news | 0,00233253  | -0,00191809 |
| -3          | Good news | 0,00085066  | 0,00689756  | Bad news | 0,00107157  | -0,00708060 | No news | 0,00088500  | -0,00103309 |
| -2          | Good news | 0,00119545  | 0,00809301  | Bad news | 0,00058227  | -0,00649833 | No news | 0,00181684  | 0,00078374  |
| -1          | Good news | 0,00532724  | 0,01342025  | Bad news | 0,00243220  | -0,00406613 | No news | 0,00233627  | 0,00312001  |
| 0           | Good news | 0,01129343  | 0,02471369  | Bad news | -0,02322716 | -0,02729330 | No news | 0,00267613  | 0,00579614  |
| 1           | Good news | -0,00259265 | 0,02212104  | Bad news | -0,00524770 | -0,03254100 | No news | -0,00071951 | 0,00507663  |
| 2           | Good news | -0,00141985 | 0,02070119  | Bad news | -0,00074775 | -0,03328875 | No news | -0,00101268 | 0,00406395  |
| 3           | Good news | -0,00046119 | 0,02024000  | Bad news | 0,00007347  | -0,0321528  | No news | -0,00157311 | 0,00249084  |
| 4           | Good news | -0,00044464 | 0,01979536  | Bad news | 0,00128038  | -0,03193489 | No news | -0,00135153 | 0,00113931  |
| 5           | Good news | 0,00161305  | 0,02140841  | Bad news | -0,00108575 | -0,03302064 | No news | -0,00024451 | 0,00089480  |
| 6           | Good news | 0,00059640  | 0,02200481  | Bad news | 0,00078060  | -0,03224004 | No news | 0,00006204  | 0,00095684  |
| 7           | Good news | 0,00018211  | 0,02218692  | Bad news | 0,00035065  | -0,03188940 | No news | -0,00132105 | -0,00036421 |
| 8           | Good news | -0,00132650 | 0,02086042  | Bad news | 0,00078625  | -0,03110315 | No news | -0,00013542 | -0,00049963 |
| 9           | Good news | -0,00017787 | 0,02068255  | Bad news | -0,00096175 | -0,03206490 | No news | 0,00001501  | -0,00048462 |
| 10          | Good news | -0,00008330 | 0,02059925  | Bad news | -0,00021281 | -0,03227772 | No news | 0,00040529  | -0,00007933 |
| 11          | Good news | -0,00046959 | 0,02012966  | Bad news | 0,0011754   | -0,03116017 | No news | -0,00041610 | -0,00049543 |
| 12          | Good news | 0,00142990  | 0,02155956  | Bad news | 0,00038317  | -0,03077700 | No news | -0,00083434 | -0,00132977 |
| 13          | Good news | -0,00025605 | 0,02130351  | Bad news | -0,00237073 | -0,03314773 | No news | -0,00079356 | -0,00212333 |
| 14          | Good news | -0,00000585 | 0,02129766  | Bad news | -0,00013075 | -0,03327848 | No news | -0,00112456 | -0,00324789 |
| 15          | Good news | -0,00077592 | 0,02052174  | Bad news | 0,00036606  | -0,03291243 | No news | -0,00173507 | -0,00498297 |
| 16          | Good news | 0,00053155  | 0,02105330  | Bad news | 0,00105072  | -0,03186170 | No news | -0,00035269 | -0,00533566 |
| 17          | Good news | -0,00005861 | 0,02099469  | Bad news | -0,00252681 | -0,03438851 | No news | 0,00020439  | -0,00513127 |
| 18          | Good news | -0,00000312 | 0,02099156  | Bad news | 0,00033987  | -0,03404864 | No news | -0,00065193 | -0,00578320 |
| 19          | Good news | -0,00078039 | 0,02021117  | Bad news | -0,00110476 | -0,03515340 | No news | -0,00097229 | -0,00675549 |
| 20          | Good news | 0,00056034  | 0,02077151  | Bad news | -0,00031713 | -0,03547053 | No news | -0,00081765 | -0,00757314 |
| 21          | Good news | 0,00075178  | 0,02152329  | Bad news | -0,00018073 | -0,03565126 | No news | -0,00092912 | -0,00850226 |
| 22          | Good news | 0,00024233  | 0,02176562  | Bad news | 0,00157199  | -0,03407927 | No news | 0,00020626  | -0,00829601 |
| 23          | Good news | -0,00152674 | 0,02023888  | Bad news | 0,00012449  | -0,03395477 | No news | -0,00183644 | -0,01013245 |
| 24          | Good news | -0,00098578 | 0,01925310  | Bad news | -0,00052920 | -0,03448398 | No news | -0,00123584 | -0,01136829 |
| 25          | Good news | 0,00053053  | 0,01978363  | Bad news | 0,00084835  | -0,03363563 | No news | 0,00051532  | -0,01085297 |
| 26          | Good news | -0,00069811 | 0,01908552  | Bad news | 0,00039117  | -0,03324446 | No news | -0,00023548 | -0,01108845 |
| 27          | Good news | -0,00078159 | 0,01830394  | Bad news | 0,00085656  | -0,03238790 | No news | -0,00128587 | -0,01237432 |
| 28          | Good news | 0,00001197  | 0,01831590  | Bad news | 0,00030228  | -0,03208562 | No news | 0,00022810  | -0,01214622 |
| 29          | Good news | 0,00069878  | 0,01901468  | Bad news | 0,00049922  | -0,03158641 | No news | 0,00034267  | -0,01180355 |
| 30          | Good news | 0,00062477  | 0,01963945  | Bad news | -0,00001914 | -0,03160554 | No news | -0,00020726 | -0,01201081 |
| 31          | Good news | 0,00046895  | 0,02010841  | Bad news | 0,00113593  | -0,03046961 | No news | 0,00144454  | -0,01056627 |
| 32          | Good news | -0,00017753 | 0,01993088  | Bad news | -0,00207297 | -0,03254258 | No news | 0,00029911  | -0,01026716 |
| 33          | Good news | 0,00030165  | 0,02023254  | Bad news | 0,00011556  | -0,03242701 | No news | -0,00028465 | -0,01055181 |
| 34          | Good news | 0,00122976  | 0,02146230  | Bad news | 0,00174279  | -0,03068423 | No news | 0,00017099  | -0,01038082 |
| 35          | Good news | 0,00057347  | 0,02203577  | Bad news | 0,00083720  | -0,02984703 | No news | 0,00141327  | -0,00896755 |
| 36          | Good news | 0,00115346  | 0,02318923  | Bad news | -0,00021681 | -0,03006384 | No news | -0,00107242 | -0,01003997 |
| 37          | Good news | -0,00107787 | 0,02211136  | Bad news | -0,00139092 | -0,03145476 | No news | -0,00015324 | -0,01019321 |
| 38          | Good news | 0,00040266  | 0,02251402  | Bad news | 0,00027740  | -0,03117737 | No news | 0,00006716  | -0,01012605 |
| 39          | Good news | 0,00009204  | 0,02260607  | Bad news | 0,00064256  | -0,03053480 | No news | -0,00002195 | -0,01014800 |
| 40          | Good news | 0,00025485  | 0,02286091  | Bad news | 0,00023717  | -0,03029764 | No news | 0,00000862  | -0,01013938 |
| 41          | Good news | -0,00022003 | 0,02264088  | Bad news | 0,00097289  | -0,02932474 | No news | -0,00127396 | -0,01141333 |
| 42          | Good news | 0,00101976  | 0,02366064  | Bad news | 0,00073724  | -0,02858751 | No news | -0,00132278 | -0,01273611 |
| 43          | Good news | -0,00042687 | 0,02323377  | Bad news | 0,00148413  | -0,02710338 | No news | 0,00052906  | -0,01220705 |
| 44          | Good news | 0,00106915  | 0,02430293  | Bad news | -0,00015401 | -0,02725738 | No news | -0,00164041 | -0,01384745 |
| 45          | Good news | -0,00023863 | 0,02406430  | Bad news | -0,00021125 | -0,02746864 | No news | -0,00112609 | -0,01497354 |
| 46          | Good news | 0,00216055  | 0,02622485  | Bad news | 0,00071523  | -0,02675340 | No news | -0,00012506 | -0,01509860 |
| 47          | Good news | 0,00000555  | 0,02628040  | Bad news | -0,00096339 | -0,02771680 | No news | -0,00107123 | -0,01616983 |
| 48          | Good news | -0,00048822 | 0,02579218  | Bad news | 0,00105097  | -0,02666583 | No news | 0,00019056  | -0,01597927 |
| 49          | Good news | 0,00238339  | 0,02817557  | Bad news | -0,00030112 | -0,02696695 | No news | -0,00161678 | -0,01759605 |
| 50          | Good news | -0,00027131 | 0,02790426  | Bad news | 0,00104041  | -0,02592654 | No news | 0,00043929  | -0,01715677 |
| 51          | Good news | 0,00006898  | 0,02797323  | Bad news | 0,00015089  | -0,02577566 | No news | -0,00145271 | -0,01860947 |
| 52          | Good news | -0,00037803 | 0,02759520  | Bad news | -0,00000832 | -0,02578398 | No news | 0,00089859  | -0,01771088 |
| 53          | Good news | 0,00102797  | 0,02862317  | Bad news | -0,00024694 | -0,02603092 | No news | -0,00015480 | -0,01786568 |
| 54          | Good news | 0,00062431  | 0,02924749  | Bad news | 0,00002036  | -0,02601056 | No news | 0,00053155  | -0,01733413 |
| 55          | Good news | 0,00035063  | 0,02959812  | Bad news | 0,00019719  | -0,02581337 | No news | 0,00148081  | -0,01585332 |
| 56          | Good news | 0,00085563  | 0,03045375  | Bad news | -0,00007021 | -0,02588357 | No news | -0,00022164 | -0,01607497 |
| 57          | Good news | -0,00096356 | 0,02949019  | Bad news | -0,00106721 | -0,02695079 | No news | 0,00101640  | -0,01505857 |
| 58          | Good news | -0,00033844 | 0,02915176  | Bad news | -0,00065489 | -0,02760568 | No news | -0,00116846 | -0,01622703 |
| 59          | Good news | 0,00021834  | 0,02937010  | Bad news | 0,00032213  | -0,02728355 | No news | 0,00056775  | -0,01565928 |
| 60          | Good news | -0,00038284 | 0,02898725  | Bad news | 0,00091312  | -0,02637043 | No news | -0,00223930 | -0,01789859 |

## Sweden - Model 1 (SUE)

| Eventwindow | News      | AAR         | CAAR        | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|-------------|-------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | 0,00018272  | 0,00018272  | Bad news | -0,00054101 | -0,00054101 | No news | -0,00118561 | -0,00118561 |
| -14         | Good news | 0,00012266  | 0,00030539  | Bad news | -0,00058681 | -0,00112781 | No news | -0,00135285 | -0,00253845 |
| -13         | Good news | -0,00052471 | -0,00021932 | Bad news | -0,00159695 | -0,00272477 | No news | 0,00187893  | -0,00065952 |
| -12         | Good news | 0,00066745  | 0,00044813  | Bad news | 0,00012943  | -0,00259533 | No news | -0,00144694 | -0,00210646 |
| -11         | Good news | -0,00033861 | 0,00010953  | Bad news | -0,00222500 | -0,00482033 | No news | -0,00029436 | -0,00240082 |
| -10         | Good news | 0,00026610  | 0,00037563  | Bad news | 0,00151983  | -0,00330051 | No news | -0,00114209 | -0,00354291 |
| -9          | Good news | -0,00013246 | 0,00024316  | Bad news | -0,00168824 | -0,00498875 | No news | 0,00057121  | -0,00297170 |
| -8          | Good news | 0,00122887  | 0,00147203  | Bad news | -0,00130178 | -0,00629053 | No news | -0,00082045 | -0,00379214 |
| -7          | Good news | 0,00071619  | 0,00218822  | Bad news | 0,00011755  | -0,00617298 | No news | -0,00060533 | -0,00439747 |
| -6          | Good news | -0,00006013 | 0,00212809  | Bad news | -0,00045833 | -0,00663131 | No news | -0,00104076 | -0,00543823 |
| -5          | Good news | -0,00010344 | 0,00202465  | Bad news | 0,00008796  | -0,00654335 | No news | 0,00026586  | -0,00517237 |
| -4          | Good news | 0,00120576  | 0,00323041  | Bad news | -0,00004232 | -0,00658567 | No news | -0,00050243 | -0,00567480 |
| -3          | Good news | 0,00116686  | 0,00439727  | Bad news | 0,00048819  | -0,00609748 | No news | 0,00111784  | -0,00455695 |
| -2          | Good news | 0,00201589  | 0,00641316  | Bad news | -0,0002910  | -0,00612659 | No news | 0,00000882  | -0,00454813 |
| -1          | Good news | 0,00478119  | 0,01119434  | Bad news | 0,00278168  | -0,00334490 | No news | 0,00195770  | -0,00259043 |
| 0           | Good news | 0,01332395  | 0,02451830  | Bad news | -0,02583196 | -0,02917686 | No news | -0,00593606 | -0,00852649 |
| 1           | Good news | -0,00208007 | 0,02243822  | Bad news | -0,00482083 | -0,03399769 | No news | -0,00326540 | -0,01179189 |
| 2           | Good news | -0,00084520 | 0,02159303  | Bad news | -0,00050045 | -0,03449814 | No news | -0,00240260 | -0,01419449 |
| 3           | Good news | -0,00008654 | 0,02150649  | Bad news | -0,00127868 | -0,03577681 | No news | 0,00065902  | -0,01353547 |
| 4           | Good news | -0,00026811 | 0,02123838  | Bad news | 0,00126506  | -0,03451175 | No news | -0,00133450 | -0,01486998 |
| 5           | Good news | 0,00049195  | 0,02173033  | Bad news | -0,00015971 | -0,03467146 | No news | -0,00061493 | -0,01548490 |
| 6           | Good news | 0,00028056  | 0,02201089  | Bad news | 0,00157209  | -0,03309938 | No news | -0,00139538 | -0,01688028 |
| 7           | Good news | -0,00073430 | 0,02127659  | Bad news | 0,00039586  | -0,03270352 | No news | 0,00004591  | -0,01683437 |
| 8           | Good news | -0,00056091 | 0,02071568  | Bad news | 0,00017457  | -0,03252895 | No news | 0,00063492  | -0,01619945 |
| 9           | Good news | -0,00072859 | 0,01998709  | Bad news | -0,00006897 | -0,03259792 | No news | 0,00092268  | -0,01527678 |
| 10          | Good news | 0,00007019  | 0,02005729  | Bad news | -0,00015872 | -0,03275664 | No news | -0,00002637 | -0,01530314 |
| 11          | Good news | -0,00067493 | 0,01938236  | Bad news | 0,00132650  | -0,03143014 | No news | -0,00025176 | -0,01555490 |
| 12          | Good news | 0,00041379  | 0,01979615  | Bad news | 0,00123850  | -0,03019164 | No news | 0,00010829  | -0,01544661 |
| 13          | Good news | -0,00051657 | 0,01927958  | Bad news | -0,00241804 | -0,03260968 | No news | -0,00095835 | -0,01640496 |
| 14          | Good news | -0,00009729 | 0,01918229  | Bad news | 0,00002878  | -0,03258091 | No news | -0,00070931 | -0,01711427 |
| 15          | Good news | -0,00007504 | 0,01910725  | Bad news | -0,00114034 | -0,03372125 | No news | -0,00035648 | -0,01747075 |
| 16          | Good news | 0,00055106  | 0,01965831  | Bad news | 0,00117978  | -0,03254146 | No news | -0,00035558 | -0,01782633 |
| 17          | Good news | 0,00015736  | 0,01981567  | Bad news | -0,00180525 | -0,03434672 | No news | -0,00229852 | -0,02012485 |
| 18          | Good news | -0,00010728 | 0,01970839  | Bad news | 0,00055639  | -0,03379033 | No news | 0,00012818  | -0,01999667 |
| 19          | Good news | -0,00132491 | 0,01838348  | Bad news | -0,00114191 | -0,03493224 | No news | -0,00014665 | -0,02014331 |
| 20          | Good news | -0,00008954 | 0,01829394  | Bad news | 0,00059740  | -0,03433484 | No news | -0,00068045 | -0,02082377 |
| 21          | Good news | 0,00048844  | 0,01878239  | Bad news | 0,00053289  | -0,03380196 | No news | -0,00005268 | -0,02087644 |
| 22          | Good news | -0,00004374 | 0,01873864  | Bad news | 0,00183605  | -0,03196591 | No news | 0,00086162  | -0,02001482 |
| 23          | Good news | -0,00190880 | 0,01682984  | Bad news | 0,00039754  | -0,03156837 | No news | -0,00087597 | -0,02089079 |
| 24          | Good news | -0,00113399 | 0,01569585  | Bad news | -0,00090401 | -0,03247238 | No news | -0,00002583 | -0,02091662 |
| 25          | Good news | 0,00010022  | 0,01579607  | Bad news | 0,00160238  | -0,03087000 | No news | -0,00009750 | -0,02101412 |
| 26          | Good news | -0,00112143 | 0,01467464  | Bad news | 0,00081471  | -0,03005529 | No news | 0,00013681  | -0,02087731 |
| 27          | Good news | -0,00074363 | 0,01393101  | Bad news | 0,00057940  | -0,02947589 | No news | -0,00027407 | -0,02115138 |
| 28          | Good news | -0,00035483 | 0,01357618  | Bad news | 0,00082453  | -0,02865137 | No news | -0,00069890 | -0,02185027 |
| 29          | Good news | 0,00084795  | 0,01442413  | Bad news | 0,00068109  | -0,02797028 | No news | -0,00123980 | -0,02309007 |
| 30          | Good news | 0,00045172  | 0,01487585  | Bad news | 0,00001297  | -0,02795731 | No news | 0,00033201  | -0,02275806 |
| 31          | Good news | 0,00058665  | 0,01546250  | Bad news | 0,00126535  | -0,02669196 | No news | 0,00082112  | -0,02193694 |
| 32          | Good news | -0,00076733 | 0,01469517  | Bad news | -0,00098589 | -0,02767785 | No news | 0,00085631  | -0,02108063 |
| 33          | Good news | 0,00028789  | 0,01498307  | Bad news | 0,00030068  | -0,02737717 | No news | 0,00015891  | -0,02092172 |
| 34          | Good news | 0,00100392  | 0,01598698  | Bad news | 0,00100198  | -0,02637518 | No news | 0,00120393  | -0,01971779 |
| 35          | Good news | 0,00075648  | 0,01674346  | Bad news | 0,00149307  | -0,02488211 | No news | -0,00029698 | -0,02001477 |
| 36          | Good news | 0,00055861  | 0,01730207  | Bad news | -0,00025150 | -0,02513361 | No news | 0,00012978  | -0,01988499 |
| 37          | Good news | -0,00092517 | 0,01637690  | Bad news | -0,00142433 | -0,02655794 | No news | -0,00053692 | -0,02042191 |
| 38          | Good news | 0,00067986  | 0,01705676  | Bad news | 0,00034585  | -0,02621209 | No news | -0,00198051 | -0,02240242 |
| 39          | Good news | 0,00009174  | 0,01714850  | Bad news | 0,00097934  | -0,02523275 | No news | 0,00012707  | -0,02227535 |
| 40          | Good news | -0,00009303 | 0,01705547  | Bad news | 0,00048936  | -0,02474339 | No news | 0,00054256  | -0,02173279 |
| 41          | Good news | -0,00106060 | 0,01599487  | Bad news | 0,00132209  | -0,02342130 | No news | -0,00032600 | -0,02205879 |
| 42          | Good news | 0,00046574  | 0,01646060  | Bad news | 0,00122968  | -0,02219162 | No news | -0,00140254 | -0,02346133 |
| 43          | Good news | -0,00028214 | 0,01617846  | Bad news | 0,00124213  | -0,02094948 | No news | 0,00113843  | -0,02232289 |
| 44          | Good news | 0,00084932  | 0,01702779  | Bad news | -0,00064241 | -0,02159190 | No news | -0,00091966 | -0,02324255 |
| 45          | Good news | -0,00004289 | 0,01698489  | Bad news | -0,00059493 | -0,02218683 | No news | -0,00075116 | -0,02399371 |
| 46          | Good news | 0,00047671  | 0,01746160  | Bad news | 0,00167196  | -0,02051487 | No news | 0,00041532  | -0,02357839 |
| 47          | Good news | 0,00032060  | 0,01778220  | Bad news | -0,00118626 | -0,02170113 | No news | -0,00087214 | -0,02445053 |
| 48          | Good news | -0,00102313 | 0,01675906  | Bad news | 0,00171851  | -0,01998262 | No news | -0,00010602 | -0,02455655 |
| 49          | Good news | 0,00135476  | 0,01811382  | Bad news | -0,00018403 | -0,02016665 | No news | -0,00004261 | -0,02459916 |
| 50          | Good news | -0,00029249 | 0,01782133  | Bad news | 0,00172735  | -0,01843930 | No news | -0,00106257 | -0,02566172 |
| 51          | Good news | -0,00041390 | 0,01740743  | Bad news | 0,00116688  | -0,01727242 | No news | -0,00087135 | -0,02653307 |
| 52          | Good news | -0,00031098 | 0,01709645  | Bad news | -0,00042797 | -0,01770039 | No news | 0,00073277  | -0,02580030 |
| 53          | Good news | 0,00063825  | 0,01773469  | Bad news | -0,00003074 | -0,01773113 | No news | 0,00004965  | -0,02575065 |
| 54          | Good news | 0,00080988  | 0,01854458  | Bad news | 0,00017989  | -0,01755124 | No news | 0,00007915  | -0,02567150 |
| 55          | Good news | 0,00052121  | 0,01906579  | Bad news | 0,00092938  | -0,01662186 | No news | 0,00003482  | -0,02563669 |
| 56          | Good news | 0,00033069  | 0,01939648  | Bad news | -0,00021394 | -0,01683580 | No news | -0,00023706 | -0,02587375 |
| 57          | Good news | -0,00051772 | 0,01887877  | Bad news | -0,00102890 | -0,01786470 | No news | 0,00002181  | -0,02585194 |
| 58          | Good news | -0,00054457 | 0,01833420  | Bad news | -0,00105994 | -0,01892464 | No news | -0,00010262 | -0,02595456 |
| 59          | Good news | -0,00025774 | 0,01807647  | Bad news | 0,00077863  | -0,01814601 | No news | 0,00033895  | -0,02561561 |
| 60          | Good news | -0,00074792 | 0,01732855  | Bad news | 0,00049642  | -0,01764959 | No news | -0,00128083 | -0,02689644 |

## Sweden - Model 2 (SUE)

| Eventwindow | News      | AAR          | CAAR        | News     | AAR         | CAAR         | News    | AAR          | CAAR        |
|-------------|-----------|--------------|-------------|----------|-------------|--------------|---------|--------------|-------------|
| -15         | Good news | -0,00051138  | -0,00051138 | Bad news | 0,00004765  | 0,00004765   | No news | -0,00016583  | -0,00016583 |
| -14         | Good news | -0,00016814  | -0,00067952 | Bad news | -0,00027762 | -0,00022997  | No news | -0,00104318  | -0,00120900 |
| -13         | Good news | -0,00009476  | -0,00077428 | Bad news | -0,00134803 | -0,00157800  | No news | -0,00041679  | -0,00162579 |
| -12         | Good news | 0,00079601   | 0,00002172  | Bad news | -0,00025925 | -0,00183726  | No news | -0,00065013  | -0,00227593 |
| -11         | Good news | 0,00006893   | 0,00009065  | Bad news | -0,00257012 | -0,00440738  | No news | -0,00053792  | -0,00281385 |
| -10         | Good news | 0,00038572   | 0,00047637  | Bad news | 0,00107879  | -0,00332859  | No news | -0,00042919  | -0,00324304 |
| -9          | Good news | -0,00012058  | 0,00035579  | Bad news | -0,00193525 | -0,00526385  | No news | 0,00150191   | -0,00174113 |
| -8          | Good news | 0,00081643   | 0,00117223  | Bad news | -0,00101129 | -0,00627514  | No news | 0,00029796   | -0,00144318 |
| -7          | Good news | 0,00101891   | 0,00219113  | Bad news | -0,00004312 | -0,00631826  | No news | -0,00117985  | -0,00262303 |
| -6          | Good news | -0,00012004  | 0,00207109  | Bad news | -0,00068512 | -0,00700338  | No news | -0,00004424  | -0,00266727 |
| -5          | Good news | 0,00006210   | 0,00213319  | Bad news | -0,00006258 | -0,00706596  | No news | 0,00005019   | -0,00261708 |
| -4          | Good news | 0,00123262   | 0,00336581  | Bad news | -0,00005289 | -0,00711884  | No news | -0,00036389  | -0,00298097 |
| -3          | Good news | 0,00117866   | 0,00454446  | Bad news | 0,00077900  | -0,00633984  | No news | 0,00028784   | -0,00269313 |
| -2          | Good news | 0,00165471   | 0,00619918  | Bad news | 0,00112862  | -0,00521122  | No news | -0,00178888  | -0,00448201 |
| -1          | Good news | 0,00536417   | 0,01156335  | Bad news | 0,00204285  | -0,00316837  | No news | 0,00229128   | -0,00219073 |
| 0           | Good news | 0,01188814   | 0,02345148  | Bad news | -0,02268604 | -0,02585441  | No news | -0,00383826  | -0,00602900 |
| 1           | Good news | -0,00265627  | 0,02079522  | Bad news | -0,00421305 | -0,03006746  | No news | -0,00246067  | -0,00848967 |
| 2           | Good news | -0,00130350  | 0,01949171  | Bad news | -0,00037016 | -0,03043762  | No news | -0,00105579  | -0,00954545 |
| 3           | Good news | -0,00032786  | 0,01916386  | Bad news | -0,00009213 | -0,03052975  | No news | -0,00185595  | -0,01140141 |
| 4           | Good news | -0,00056648  | 0,01859737  | Bad news | 0,00123568  | -0,02929406  | No news | -0,00030487  | -0,01170628 |
| 5           | Good news | 0,00103181   | 0,01962918  | Bad news | -0,00048338 | -0,02977745  | No news | -0,00160558  | -0,01331186 |
| 6           | Good news | 0,00014510   | 0,01977428  | Bad news | 0,00141065  | -0,02836680  | No news | -0,00054935  | -0,01386121 |
| 7           | Good news | -0,00073238  | 0,01904190  | Bad news | 0,00045479  | -0,02791201  | No news | -0,00032121  | -0,01418242 |
| 8           | Good news | -0,00107901  | 0,01796289  | Bad news | 0,00117715  | -0,02673486  | No news | -0,00054246  | -0,01472488 |
| 9           | Good news | -0,00014729  | 0,01781560  | Bad news | -0,00054964 | -0,02728450  | No news | 0,00001615   | -0,01470873 |
| 10          | Good news | -0,00025561  | 0,01756000  | Bad news | 0,00004202  | -0,02724248  | No news | 0,00065865   | -0,01405009 |
| 11          | Good news | -0,00084410  | 0,01671590  | Bad news | 0,00144639  | -0,02579609  | No news | -0,00026798  | -0,01431807 |
| 12          | Good news | 0,00036042   | 0,01707631  | Bad news | 0,00133760  | -0,02445849  | No news | -0,00010666  | -0,01442474 |
| 13          | Good news | -0,00061647  | 0,01645984  | Bad news | -0,00208751 | -0,02654599  | No news | -0,00128838  | -0,01571312 |
| 14          | Good news | -0,00030346  | 0,01615638  | Bad news | 0,00029335  | -0,02625264  | No news | -0,00072828  | -0,01644140 |
| 15          | Good news | -0,00080327  | 0,01535310  | Bad news | -0,00015550 | -0,02640814  | No news | -0,00037615  | -0,01681754 |
| 16          | Good news | 0,00062614   | 0,01597924  | Bad news | 0,00090573  | -0,02550241  | No news | 0,00010748   | -0,01671006 |
| 17          | Good news | 0,00032151   | 0,01630075  | Bad news | -0,00239883 | -0,02790124  | No news | -0,00079666  | -0,01750672 |
| 18          | Good news | -0,00021119  | 0,01608957  | Bad news | 0,00075770  | -0,02714355  | No news | -0,00018597  | -0,01769269 |
| 19          | Good news | -0,00132136  | 0,01476821  | Bad news | -0,00093757 | -0,02808112  | No news | -0,00082692  | -0,01851962 |
| 20          | Good news | 0,00060685   | 0,01537506  | Bad news | 0,00015760  | -0,02792352  | No news | -0,00213077  | -0,02065039 |
| 21          | Good news | 0,00077901   | 0,01615407  | Bad news | 0,00053182  | -0,02739170  | No news | -0,00117377  | -0,02182417 |
| 22          | Good news | 0,00014330   | 0,01629738  | Bad news | 0,00172053  | -0,02567117  | No news | 0,00019556   | -0,02162860 |
| 23          | Good news | -0,00211829  | 0,01417909  | Bad news | 0,00060419  | -0,02506697  | No news | -0,00105464  | -0,02268324 |
| 24          | Good news | -0,00091934  | 0,01325975  | Bad news | -0,00100634 | -0,02607331  | No news | -0,00059452  | -0,02327776 |
| 25          | Good news | 0,00021813   | 0,01347788  | Bad news | 0,00098521  | -0,02508810  | No news | 0,00110532   | -0,02217244 |
| 26          | Good news | -0,00097497  | 0,01250291  | Bad news | 0,00070264  | -0,02438547  | No news | -0,00039588  | -0,02256832 |
| 27          | Good news | -0,00054734  | 0,01195557  | Bad news | 0,00069509  | -0,02369038  | No news | -0,00159147  | -0,02415980 |
| 28          | Good news | -0,00041129  | 0,01154428  | Bad news | 0,00079382  | -0,02289656  | No news | -0,00055872  | -0,02471852 |
| 29          | Good news | 0,00060763   | 0,01215191  | Bad news | 0,00097066  | -0,02192589  | No news | -0,00113878  | -0,02585730 |
| 30          | Good news | 0,00042519   | 0,01257709  | Bad news | -0,00025516 | -0,02218105  | No news | 0,00131968   | -0,02453762 |
| 31          | Good news | 0,00057033   | 0,01314742  | Bad news | 0,00136284  | -0,02081822  | No news | 0,00048219   | -0,02405544 |
| 32          | Good news | -0,00066281  | 0,01248460  | Bad news | -0,00090095 | -0,02171917  | No news | 0,00020328   | -0,02385216 |
| 33          | Good news | 0,00043432   | 0,01291892  | Bad news | 0,00040118  | -0,02131799  | No news | -0,00071463  | -0,02456678 |
| 34          | Good news | 0,00054050   | 0,01345942  | Bad news | 0,00110765  | -0,020201034 | No news | 0,00267364   | -0,02189314 |
| 35          | Good news | 0,00024744   | 0,01370686  | Bad news | 0,00168736  | -0,01852298  | No news | 0,00098556   | -0,02090758 |
| 36          | Good news | 0,00105335   | 0,01476021  | Bad news | -0,00040855 | -0,01893153  | No news | -0,00117972  | -0,02208730 |
| 37          | Good news | -0,00086590  | 0,01389431  | Bad news | -0,00118013 | -0,02011165  | No news | -0,00144148  | -0,02352878 |
| 38          | Good news | 0,00106418   | 0,01495849  | Bad news | -0,00018076 | -0,02029242  | No news | -0,00177661  | -0,02530538 |
| 39          | Good news | -0,00044524  | 0,01451325  | Bad news | 0,00137251  | -0,01891991  | No news | 0,00087394   | -0,02443144 |
| 40          | Good news | 0,000001248  | 0,01452573  | Bad news | 0,00036952  | -0,01855040  | No news | 0,00040351   | -0,02402793 |
| 41          | Good news | -0,00075579  | 0,01376993  | Bad news | 0,00071594  | -0,01783445  | No news | -0,000002513 | -0,02405306 |
| 42          | Good news | 0,00048479   | 0,01425473  | Bad news | 0,00091497  | -0,01691948  | No news | -0,00060578  | -0,02465884 |
| 43          | Good news | -0,00026178  | 0,01399295  | Bad news | 0,00115796  | -0,01576152  | No news | 0,00106845   | -0,02359039 |
| 44          | Good news | 0,00081276   | 0,01480571  | Bad news | -0,00012748 | -0,01588900  | No news | -0,00210048  | -0,02569087 |
| 45          | Good news | -0,000019972 | 0,01460599  | Bad news | -0,00048696 | -0,01637870  | No news | -0,00037244  | -0,02606331 |
| 46          | Good news | 0,00115850   | 0,01576448  | Bad news | 0,00080744  | -0,01557126  | No news | 0,00023316   | -0,02583015 |
| 47          | Good news | 0,00033853   | 0,01610301  | Bad news | -0,00086483 | -0,01643609  | No news | -0,00167953  | -0,02750968 |
| 48          | Good news | -0,00037450  | 0,01572851  | Bad news | 0,00080463  | -0,01563146  | No news | -0,00025439  | -0,02776407 |
| 49          | Good news | 0,00149328   | 0,01722179  | Bad news | -0,00069658 | -0,01632805  | No news | 0,00123350   | -0,02653057 |
| 50          | Good news | -0,00000996  | 0,01712183  | Bad news | 0,00107546  | -0,01525259  | No news | -0,00011263  | -0,02664320 |
| 51          | Good news | -0,00024249  | 0,01687934  | Bad news | 0,00095021  | -0,01430238  | No news | -0,00110506  | -0,02774825 |
| 52          | Good news | -0,00013452  | 0,01674483  | Bad news | -0,00009509 | -0,01439747  | No news | -0,00096214  | -0,02871039 |
| 53          | Good news | 0,00120901   | 0,01795383  | Bad news | -0,00066320 | -0,01506067  | No news | -0,00012361  | -0,02883401 |
| 54          | Good news | 0,00064554   | 0,01859937  | Bad news | 0,00034836  | -0,01471232  | No news | 0,00030618   | -0,02852783 |
| 55          | Good news | 0,00076593   | 0,01936530  | Bad news | 0,00059562  | -0,01411670  | No news | 0,00005040   | -0,02847743 |
| 56          | Good news | 0,00089592   | 0,02026122  | Bad news | -0,00024700 | -0,01436370  | No news | -0,00223541  | -0,03071284 |
| 57          | Good news | -0,00098970  | 0,01927152  | Bad news | -0,00042402 | -0,01478771  | No news | 0,00007421   | -0,03063863 |
| 58          | Good news | -0,00048984  | 0,01878168  | Bad news | -0,00110368 | -0,01589139  | No news | -0,00010991  | -0,03074854 |
| 59          | Good news | 0,00009262   | 0,01887430  | Bad news | 0,00106472  | -0,01482667  | No news | -0,00205333  | -0,03280187 |
| 60          | Good news | -0,00065857  | 0,01821573  | Bad news | 0,00049615  | -0,01433052  | No news | -0,00180519  | -0,03460705 |

## Sweden - Model 5 (SUE)

| Eventwindow | News      | AAR         | CAAR        | News     | AAR          | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|-------------|-------------|----------|--------------|-------------|---------|-------------|-------------|
| -15         | Good news | -0,00039933 | -0,00039933 | Bad news | -0,00036748  | -0,00036748 | No news | -0,00034771 | -0,00034771 |
| -14         | Good news | 0,00014717  | -0,00025216 | Bad news | -0,00035991  | -0,00072739 | No news | -0,00052174 | -0,00086945 |
| -13         | Good news | -0,00022779 | -0,00047994 | Bad news | -0,00125843  | -0,00198582 | No news | 0,00023919  | -0,00063026 |
| -12         | Good news | 0,00068986  | 0,00020992  | Bad news | 0,00013162   | -0,00185420 | No news | -0,00045567 | -0,00108593 |
| -11         | Good news | -0,00012627 | 0,00008364  | Bad news | -0,00291207  | -0,00476627 | No news | 0,00085353  | -0,00023240 |
| -10         | Good news | 0,00063548  | 0,00071912  | Bad news | 0,00026324   | -0,00450303 | No news | -0,00016994 | -0,00040233 |
| -9          | Good news | -0,00044707 | 0,00027205  | Bad news | -0,00110712  | -0,00561015 | No news | 0,00137544  | 0,00097310  |
| -8          | Good news | 0,00134919  | 0,00162124  | Bad news | -0,00043828  | -0,00604843 | No news | -0,00050606 | 0,00046704  |
| -7          | Good news | 0,00123041  | 0,00285165  | Bad news | -0,00000060  | -0,00604903 | No news | -0,00153671 | -0,00106966 |
| -6          | Good news | 0,000005738 | 0,00290903  | Bad news | -0,00103166  | -0,00708068 | No news | 0,00023573  | -0,00083393 |
| -5          | Good news | 0,00088492  | 0,00379395  | Bad news | -0,00045756  | -0,00753824 | No news | -0,00099529 | -0,00182922 |
| -4          | Good news | 0,00155686  | 0,00535081  | Bad news | -0,00045908  | -0,00799732 | No news | 0,00023086  | -0,00159837 |
| -3          | Good news | 0,00093715  | 0,00628796  | Bad news | 0,00114801   | -0,00684931 | No news | 0,00038967  | -0,00120870 |
| -2          | Good news | 0,00136779  | 0,00765575  | Bad news | 0,00096385   | -0,00588546 | No news | 0,00112598  | -0,0008271  |
| -1          | Good news | 0,00515914  | 0,01281489  | Bad news | 0,00235444   | -0,00353102 | No news | 0,00287042  | 0,00278771  |
| 0           | Good news | 0,01198799  | 0,02480288  | Bad news | -0,02303025  | -0,02656127 | No news | -0,00024498 | 0,00254273  |
| 1           | Good news | -0,00245002 | 0,02235286  | Bad news | -0,00466338  | -0,03122465 | No news | -0,00166122 | 0,00088151  |
| 2           | Good news | -0,00140935 | 0,02094351  | Bad news | -0,00073265  | -0,03195730 | No news | -0,00102554 | -0,00014403 |
| 3           | Good news | -0,00059503 | 0,02034848  | Bad news | -0,00004935  | -0,03200665 | No news | -0,00145582 | -0,00159985 |
| 4           | Good news | -0,00086643 | 0,01948205  | Bad news | 0,00171860   | -0,03028805 | No news | -0,00113914 | -0,00273898 |
| 5           | Good news | 0,00175784  | 0,02123989  | Bad news | -0,00118084  | -0,03146889 | No news | -0,00090851 | -0,00364749 |
| 6           | Good news | 0,00065503  | 0,02189492  | Bad news | 0,00057016   | -0,03089873 | No news | 0,00048237  | -0,00316512 |
| 7           | Good news | -0,00003231 | 0,02186260  | Bad news | 0,00053448   | -0,03036425 | No news | -0,00151106 | -0,00467618 |
| 8           | Good news | -0,00128392 | 0,02057868  | Bad news | 0,00102607   | -0,02933818 | No news | -0,00047968 | -0,00515586 |
| 9           | Good news | -0,00002610 | 0,02055257  | Bad news | -0,00114160  | -0,03047978 | No news | -0,00009182 | -0,00524768 |
| 10          | Good news | -0,00011693 | 0,02043565  | Bad news | -0,00000655  | -0,03048633 | No news | 0,00007836  | -0,00516932 |
| 11          | Good news | -0,00076245 | 0,01967320  | Bad news | 0,00089026   | -0,02959606 | No news | 0,00112159  | -0,00404772 |
| 12          | Good news | 0,00127292  | 0,02094611  | Bad news | 0,00010273   | -0,02949333 | No news | -0,00000543 | -0,00405315 |
| 13          | Good news | -0,00059535 | 0,02035076  | Bad news | -0,000200956 | -0,03150289 | No news | -0,00051878 | -0,00457193 |
| 14          | Good news | 0,00004934  | 0,02040011  | Bad news | -0,00010144  | -0,03160434 | No news | -0,00140139 | -0,00597332 |
| 15          | Good news | -0,00113586 | 0,01926424  | Bad news | 0,00034767   | -0,03125667 | No news | -0,00039551 | -0,00636883 |
| 16          | Good news | 0,00060520  | 0,01986944  | Bad news | 0,00074442   | -0,03051225 | No news | -0,00025128 | -0,00662011 |
| 17          | Good news | 0,00014016  | 0,02000960  | Bad news | -0,00240417  | -0,03291642 | No news | -0,00094460 | -0,00756472 |
| 18          | Good news | 0,00014545  | 0,02015504  | Bad news | -0,00002966  | -0,03294608 | No news | -0,00060001 | -0,00816473 |
| 19          | Good news | -0,00075777 | 0,01939727  | Bad news | -0,00102617  | -0,03397225 | No news | -0,00105974 | -0,00922447 |
| 20          | Good news | 0,00074111  | 0,02013839  | Bad news | -0,00036095  | -0,03433320 | No news | -0,00173253 | -0,01095700 |
| 21          | Good news | 0,00055420  | 0,02069259  | Bad news | -0,00018098  | -0,03451418 | No news | -0,00060001 | -0,01155701 |
| 22          | Good news | 0,00014962  | 0,02084221  | Bad news | 0,00161156   | -0,03290262 | No news | 0,00032252  | -0,01123449 |
| 23          | Good news | -0,00154865 | 0,01929355  | Bad news | 0,00011543   | -0,03278718 | No news | -0,00154448 | -0,01277898 |
| 24          | Good news | -0,00110537 | 0,01818818  | Bad news | -0,00069666  | -0,03348384 | No news | -0,00053692 | -0,01331590 |
| 25          | Good news | 0,00052790  | 0,01871608  | Bad news | 0,00090002   | -0,03258382 | No news | 0,00084142  | -0,01247448 |
| 26          | Good news | -0,00081066 | 0,01790542  | Bad news | 0,00048253   | -0,03210130 | No news | -0,00038054 | -0,01285502 |
| 27          | Good news | -0,00093916 | 0,01696626  | Bad news | 0,00068244   | -0,03141886 | No news | -0,00053785 | -0,01339287 |
| 28          | Good news | -0,00005504 | 0,01691122  | Bad news | 0,00034140   | -0,03107746 | No news | 0,00026995  | -0,01312292 |
| 29          | Good news | 0,00071963  | 0,01763085  | Bad news | 0,00069324   | -0,03038421 | No news | -0,00026539 | -0,01338830 |
| 30          | Good news | 0,00034029  | 0,01797114  | Bad news | -0,00012386  | -0,03050807 | No news | 0,00062360  | -0,01276471 |
| 31          | Good news | 0,00062348  | 0,01859462  | Bad news | 0,00114278   | -0,02936530 | No news | 0,00079809  | -0,01196662 |
| 32          | Good news | -0,00005583 | 0,01853879  | Bad news | -0,00155689  | -0,03092219 | No news | -0,00071113 | -0,01267775 |
| 33          | Good news | 0,00031118  | 0,01884998  | Bad news | 0,00010651   | -0,03081568 | No news | -0,00080253 | -0,01348028 |
| 34          | Good news | 0,00118368  | 0,02003366  | Bad news | 0,00158393   | -0,02923175 | No news | 0,00072604  | -0,01275424 |
| 35          | Good news | 0,00104568  | 0,02107934  | Bad news | 0,00096619   | -0,02826556 | No news | 0,00000602  | -0,01274823 |
| 36          | Good news | 0,00086678  | 0,02194612  | Bad news | -0,00037878  | -0,02864433 | No news | -0,00027629 | -0,01302451 |
| 37          | Good news | -0,00078498 | 0,02116114  | Bad news | -0,00153951  | -0,03018384 | No news | -0,00026657 | -0,01329108 |
| 38          | Good news | 0,00060369  | 0,02176483  | Bad news | 0,00037915   | -0,02980470 | No news | -0,00125311 | -0,01454419 |
| 39          | Good news | 0,00002088  | 0,02178571  | Bad news | 0,00061677   | -0,02918793 | No news | 0,00046964  | -0,01407455 |
| 40          | Good news | 0,00037083  | 0,02215653  | Bad news | 0,00027557   | -0,02891236 | No news | -0,00025547 | -0,01433002 |
| 41          | Good news | -0,00037300 | 0,02178354  | Bad news | 0,00080490   | -0,02810746 | No news | -0,00079254 | -0,01512256 |
| 42          | Good news | 0,00078746  | 0,02257100  | Bad news | 0,00036236   | -0,02774509 | No news | 0,00000290  | -0,01511966 |
| 43          | Good news | -0,00023801 | 0,02233298  | Bad news | 0,00161694   | -0,02612815 | No news | 0,00002652  | -0,01509314 |
| 44          | Good news | 0,00096729  | 0,02330027  | Bad news | -0,00059302  | -0,02672118 | No news | -0,00069107 | -0,01578421 |
| 45          | Good news | -0,00033606 | 0,02296421  | Bad news | -0,00051822  | -0,02723940 | No news | 0,00006916  | -0,01571505 |
| 46          | Good news | 0,00195285  | 0,02491706  | Bad news | 0,00049410   | -0,02674530 | No news | 0,00052728  | -0,01518778 |
| 47          | Good news | 0,00016311  | 0,02508017  | Bad news | -0,00077126  | -0,02751656 | No news | -0,00181171 | -0,01699949 |
| 48          | Good news | -0,00046657 | 0,02461360  | Bad news | 0,00102047   | -0,02649609 | No news | 0,00004495  | -0,01695453 |
| 49          | Good news | 0,000200508 | 0,02661868  | Bad news | -0,00048942  | -0,02698551 | No news | -0,00057318 | -0,01752771 |
| 50          | Good news | -0,00003203 | 0,02658665  | Bad news | 0,00110958   | -0,02587593 | No news | -0,00093556 | -0,01846328 |
| 51          | Good news | -0,00031517 | 0,02627148  | Bad news | 0,00049874   | -0,02537718 | No news | -0,00123179 | -0,01969507 |
| 52          | Good news | 0,00007367  | 0,02634514  | Bad news | -0,00024279  | -0,02561997 | No news | 0,00041607  | -0,01927900 |
| 53          | Good news | 0,00095156  | 0,02729670  | Bad news | -0,00027829  | -0,02589827 | No news | -0,00006184 | -0,01934084 |
| 54          | Good news | 0,00044564  | 0,02774234  | Bad news | -0,00017537  | -0,02607364 | No news | 0,00176329  | -0,01757755 |
| 55          | Good news | 0,00073445  | 0,02847679  | Bad news | 0,00016274   | -0,02591090 | No news | 0,00042863  | -0,01714892 |
| 56          | Good news | 0,00083078  | 0,02930757  | Bad news | -0,00017124  | -0,02608214 | No news | 0,00001008  | -0,01713884 |
| 57          | Good news | -0,00096208 | 0,02834549  | Bad news | -0,00080879  | -0,02689093 | No news | 0,00071544  | -0,01642340 |
| 58          | Good news | -0,00037587 | 0,02796962  | Bad news | -0,00078767  | -0,02767860 | No news | -0,00089692 | -0,01732032 |
| 59          | Good news | 0,00047363  | 0,02844325  | Bad news | 0,00080707   | -0,02687153 | No news | -0,00109821 | -0,01841853 |
| 60          | Good news | -0,00028397 | 0,02815927  | Bad news | 0,00056719   | -0,02630435 | No news | -0,00207882 | -0,02049735 |

## Basic Materials - Model 5 (UE)

| Eventwindow | News      | AAR         | CAAR        | News     | AAR          | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|-------------|-------------|----------|--------------|-------------|---------|-------------|-------------|
| -15         | Good news | -0,00030035 | -0,00030035 | Bad news | 0,00091838   | 0,00091838  | No news | -0,00253096 | -0,00253096 |
| -14         | Good news | 0,00320900  | 0,00290865  | Bad news | 0,00149238   | 0,00241076  | No news | 0,00515818  | 0,00262722  |
| -13         | Good news | -0,00012747 | 0,00278118  | Bad news | 0,00019183   | 0,00260259  | No news | -0,01075429 | -0,00812707 |
| -12         | Good news | -0,00205291 | 0,00072828  | Bad news | -0,00459692  | -0,00199432 | No news | -0,00352585 | -0,01165292 |
| -11         | Good news | 0,00474090  | 0,00546918  | Bad news | -0,00202134  | -0,00401567 | No news | -0,00217189 | -0,01382481 |
| -10         | Good news | -0,00149458 | 0,00397459  | Bad news | 0,00053198   | -0,00348368 | No news | 0,00536564  | -0,00845917 |
| -9          | Good news | -0,00294524 | 0,00102935  | Bad news | 0,00099900   | -0,00248469 | No news | -0,00231943 | -0,01077859 |
| -8          | Good news | -0,00148765 | -0,00045830 | Bad news | 0,00145508   | -0,00102961 | No news | 0,00344085  | -0,00733774 |
| -7          | Good news | 0,00647707  | 0,00601877  | Bad news | -0,00027256  | -0,00130217 | No news | -0,00014752 | -0,00748526 |
| -6          | Good news | 0,00348411  | 0,00950287  | Bad news | -0,00007794  | -0,00138012 | No news | 0,00114914  | -0,00633612 |
| -5          | Good news | -0,00173645 | 0,00776642  | Bad news | -0,00149008  | -0,00287020 | No news | -0,00391625 | -0,01025237 |
| -4          | Good news | 0,00078644  | 0,00855286  | Bad news | -0,00312685  | -0,00599705 | No news | 0,00161884  | -0,00863353 |
| -3          | Good news | 0,00144301  | 0,00999588  | Bad news | -0,00072748  | -0,00672454 | No news | 0,00130137  | -0,00733216 |
| -2          | Good news | -0,00104094 | 0,00895494  | Bad news | -0,00139370  | -0,00811823 | No news | -0,00064129 | -0,00797345 |
| -1          | Good news | 0,00594325  | 0,01489819  | Bad news | 0,00315099   | -0,00496725 | No news | -0,00002226 | -0,00799571 |
| 0           | Good news | -0,00203337 | 0,01286482  | Bad news | -0,01750617  | -0,02247342 | No news | 0,00877760  | 0,00078189  |
| 1           | Good news | 0,00084799  | 0,01371280  | Bad news | -0,00228928  | -0,02476270 | No news | 0,00031455  | 0,00109644  |
| 2           | Good news | -0,00333660 | 0,01037620  | Bad news | -0,00370932  | -0,02847201 | No news | -0,00591683 | -0,00482039 |
| 3           | Good news | 0,00055650  | 0,01093270  | Bad news | 0,00044893   | -0,02802309 | No news | -0,00144564 | -0,00626603 |
| 4           | Good news | -0,00135822 | 0,00957447  | Bad news | -0,00063250  | -0,02865559 | No news | -0,00089576 | -0,00716180 |
| 5           | Good news | 0,00877406  | 0,01834853  | Bad news | -0,00039362  | -0,02904921 | No news | -0,00577312 | -0,01293492 |
| 6           | Good news | -0,00112035 | 0,01722818  | Bad news | 0,00217583   | -0,02687337 | No news | -0,00061687 | -0,01355179 |
| 7           | Good news | 0,00105242  | 0,01828060  | Bad news | 0,00500556   | -0,02186782 | No news | -0,00004088 | -0,01359267 |
| 8           | Good news | -0,00150080 | 0,01677980  | Bad news | 0,00035249   | -0,02151532 | No news | -0,00269001 | -0,01628268 |
| 9           | Good news | -0,00310959 | 0,01367021  | Bad news | -0,00158978  | -0,02310510 | No news | -0,00194935 | -0,01823203 |
| 10          | Good news | 0,000506260 | 0,01873281  | Bad news | 0,00379002   | -0,01931508 | No news | -0,00076865 | -0,01900068 |
| 11          | Good news | 0,00052204  | 0,01925485  | Bad news | 0,00357120   | -0,01574388 | No news | -0,00281432 | -0,02181500 |
| 12          | Good news | 0,00091685  | 0,02017169  | Bad news | 0,00123895   | -0,01450493 | No news | -0,00421011 | -0,02602511 |
| 13          | Good news | 0,00214087  | 0,02231256  | Bad news | -0,00505644  | -0,01956138 | No news | -0,00375270 | -0,02977781 |
| 14          | Good news | -0,00227571 | 0,02003685  | Bad news | -0,00099988  | -0,02056126 | No news | 0,00201876  | -0,02775905 |
| 15          | Good news | 0,00309016  | 0,02312701  | Bad news | 0,00198951   | -0,01857174 | No news | -0,00028327 | -0,02804232 |
| 16          | Good news | -0,00036664 | 0,02276036  | Bad news | -0,00049699  | -0,01906873 | No news | 0,00194634  | -0,02609598 |
| 17          | Good news | 0,00173358  | 0,02449395  | Bad news | 0,00036428   | -0,01870445 | No news | -0,00094446 | -0,02704044 |
| 18          | Good news | 0,00254628  | 0,02704023  | Bad news | 0,00080487   | -0,01789958 | No news | -0,00347744 | -0,03051788 |
| 19          | Good news | 0,00243265  | 0,02947288  | Bad news | 0,00019256   | -0,01770702 | No news | 0,00119230  | -0,02932557 |
| 20          | Good news | -0,00139107 | 0,02808180  | Bad news | 0,00059930   | -0,01710772 | No news | -0,00204768 | -0,03137326 |
| 21          | Good news | -0,00155608 | 0,02652572  | Bad news | -0,00060229  | -0,01771001 | No news | -0,00009172 | -0,03146497 |
| 22          | Good news | -0,00332602 | 0,02319971  | Bad news | -0,00181177  | -0,01952178 | No news | -0,00376354 | -0,03522852 |
| 23          | Good news | -0,00153054 | 0,02166917  | Bad news | -0,00237439  | -0,02189617 | No news | -0,00428226 | -0,03951078 |
| 24          | Good news | -0,00220295 | 0,01946622  | Bad news | 0,00064903   | -0,02124714 | No news | -0,00247823 | -0,04198901 |
| 25          | Good news | -0,00072557 | 0,01874065  | Bad news | 0,00126852   | -0,01997862 | No news | 0,00338328  | -0,03860572 |
| 26          | Good news | 0,00130330  | 0,020004395 | Bad news | 0,00077870   | -0,01919992 | No news | -0,00227231 | -0,04087803 |
| 27          | Good news | 0,00572999  | 0,02577394  | Bad news | -0,00052356  | -0,01972348 | No news | 0,00213655  | -0,03874148 |
| 28          | Good news | -0,00432578 | 0,02144816  | Bad news | -0,00212337  | -0,02184685 | No news | -0,00129699 | -0,04003847 |
| 29          | Good news | 0,00638286  | 0,02783102  | Bad news | -0,00033173  | -0,02217858 | No news | 0,00584542  | -0,03419305 |
| 30          | Good news | -0,00065452 | 0,02717650  | Bad news | 0,00207709   | -0,02010149 | No news | -0,00380207 | -0,03799512 |
| 31          | Good news | 0,00225541  | 0,02943191  | Bad news | 0,00429052   | -0,01581098 | No news | -0,00435768 | -0,04235279 |
| 32          | Good news | -0,00459632 | 0,02483559  | Bad news | -0,00393347  | -0,01974444 | No news | -0,00046226 | -0,04281505 |
| 33          | Good news | -0,00209406 | 0,02274153  | Bad news | -0,00049824  | -0,02024268 | No news | -0,00465032 | -0,04746537 |
| 34          | Good news | 0,00674551  | 0,02948703  | Bad news | 0,00411498   | -0,01612771 | No news | -0,00269538 | -0,05016075 |
| 35          | Good news | -0,00071637 | 0,02877067  | Bad news | 0,00079712   | -0,01533058 | No news | 0,00313673  | -0,04702402 |
| 36          | Good news | 0,00080659  | 0,02957725  | Bad news | 0,00723439   | -0,00809620 | No news | -0,00118852 | -0,04821254 |
| 37          | Good news | 0,00016000  | 0,02973725  | Bad news | -0,00117947  | -0,00927567 | No news | 0,00069758  | -0,04751496 |
| 38          | Good news | 0,00150728  | 0,03124453  | Bad news | 0,00136268   | -0,00791299 | No news | 0,00020876  | -0,04730620 |
| 39          | Good news | -0,00001396 | 0,03123057  | Bad news | 0,00163529   | -0,00627770 | No news | 0,00193682  | -0,04536938 |
| 40          | Good news | -0,00064409 | 0,030508649 | Bad news | -0,000202087 | -0,00829857 | No news | -0,00199752 | -0,04736689 |
| 41          | Good news | 0,00110148  | 0,03168796  | Bad news | 0,00041578   | -0,00788279 | No news | 0,00214275  | -0,04522414 |
| 42          | Good news | -0,00073650 | 0,03095146  | Bad news | -0,00002131  | -0,00790409 | No news | -0,00063098 | -0,04585512 |
| 43          | Good news | -0,00957320 | 0,02137826  | Bad news | 0,00271032   | -0,00519377 | No news | 0,00016633  | -0,04568880 |
| 44          | Good news | 0,00163070  | 0,02300896  | Bad news | 0,00006734   | -0,00512643 | No news | 0,00150145  | -0,04418735 |
| 45          | Good news | -0,01067223 | 0,01233672  | Bad news | 0,00119719   | -0,00392925 | No news | -0,00238281 | -0,04657016 |
| 46          | Good news | 0,00123203  | 0,01356876  | Bad news | 0,00128692   | -0,00264233 | No news | -0,00038972 | -0,04695987 |
| 47          | Good news | -0,00074832 | 0,01282043  | Bad news | -0,00349778  | -0,00614011 | No news | -0,00311930 | -0,05007918 |
| 48          | Good news | -0,00082403 | 0,01199641  | Bad news | -0,00215008  | -0,00829018 | No news | 0,00314965  | -0,04692953 |
| 49          | Good news | 0,00745897  | 0,01945538  | Bad news | -0,00050365  | -0,00879384 | No news | -0,00053402 | -0,04746355 |
| 50          | Good news | -0,00063107 | 0,01882431  | Bad news | 0,00247932   | -0,00631451 | No news | 0,00009802  | -0,04736554 |
| 51          | Good news | -0,00102967 | 0,01779464  | Bad news | -0,00034099  | -0,00665551 | No news | 0,00241799  | -0,04494755 |
| 52          | Good news | 0,00070680  | 0,01850144  | Bad news | 0,00086966   | -0,00578585 | No news | -0,00330740 | -0,04825496 |
| 53          | Good news | 0,00232955  | 0,02083099  | Bad news | 0,00185573   | -0,00393012 | No news | -0,00109487 | -0,04934982 |
| 54          | Good news | -0,00315561 | 0,01767538  | Bad news | -0,00297091  | -0,00690103 | No news | 0,00126830  | -0,04808153 |
| 55          | Good news | -0,00019718 | 0,01747820  | Bad news | 0,00409066   | -0,00281037 | No news | 0,00261406  | -0,04546747 |
| 56          | Good news | 0,00591960  | 0,02339780  | Bad news | -0,00044958  | -0,00325995 | No news | 0,00658591  | -0,03888156 |
| 57          | Good news | 0,00101479  | 0,02441259  | Bad news | -0,00189625  | -0,00515620 | No news | -0,00006207 | -0,03894362 |
| 58          | Good news | 0,00263854  | 0,02705113  | Bad news | 0,00109445   | -0,00406175 | No news | -0,00101964 | -0,03996327 |
| 59          | Good news | 0,00061885  | 0,02766998  | Bad news | 0,00496093   | -0,00899198 | No news | -0,00116217 | -0,04112544 |
| 60          | Good news | -0,00302037 | 0,02464960  | Bad news | 0,00307664   | -0,00397582 | No news | -0,00551336 | -0,04663880 |

## Consumer Goods - Model 5 (UE)

| Eventwindow | News      | AAR         | CAAR       | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|-------------|------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | 0,00110287  | 0,00110287 | Bad news | -0,00153011 | -0,00153011 | No news | 0,00036040  | 0,00036040  |
| -14         | Good news | 0,00009720  | 0,00120006 | Bad news | -0,00289168 | -0,00442179 | No news | 0,00167133  | 0,00203174  |
| -13         | Good news | 0,00048806  | 0,00168813 | Bad news | -0,00131619 | -0,00573798 | No news | 0,00061324  | 0,00264497  |
| -12         | Good news | 0,00103862  | 0,00272674 | Bad news | -0,00095791 | -0,00669589 | No news | -0,00171536 | 0,00092961  |
| -11         | Good news | -0,00174169 | 0,00098505 | Bad news | -0,00158649 | -0,00828237 | No news | -0,00194008 | -0,00101047 |
| -10         | Good news | 0,00049282  | 0,00147787 | Bad news | -0,00017677 | -0,00845914 | No news | 0,00379577  | 0,00278531  |
| -9          | Good news | -0,00146059 | 0,00001728 | Bad news | 0,00074455  | -0,00771460 | No news | -0,00045004 | 0,00233526  |
| -8          | Good news | 0,00239574  | 0,00241302 | Bad news | -0,00203627 | -0,00975087 | No news | -0,00020717 | 0,00212809  |
| -7          | Good news | 0,00095872  | 0,00337174 | Bad news | -0,00116982 | -0,01092069 | No news | 0,00101574  | 0,00314383  |
| -6          | Good news | -0,00160865 | 0,00176309 | Bad news | 0,00066321  | -0,01025748 | No news | -0,00119137 | 0,00195246  |
| -5          | Good news | 0,00114543  | 0,00290853 | Bad news | 0,00001474  | -0,01024274 | No news | -0,00142055 | 0,00053191  |
| -4          | Good news | 0,00013368  | 0,00304220 | Bad news | 0,00139641  | -0,00884633 | No news | -0,00000634 | 0,00052557  |
| -3          | Good news | 0,00209108  | 0,00513328 | Bad news | 0,00214890  | -0,00669743 | No news | 0,00210548  | 0,00263105  |
| -2          | Good news | 0,00148753  | 0,00662081 | Bad news | -0,00086940 | -0,00756683 | No news | 0,00125706  | 0,00388812  |
| -1          | Good news | 0,00503574  | 0,01165655 | Bad news | 0,00106071  | -0,00650612 | No news | 0,00134315  | 0,00523127  |
| 0           | Good news | 0,00966272  | 0,02131927 | Bad news | -0,01268239 | -0,01918851 | No news | 0,00152487  | 0,00675614  |
| 1           | Good news | 0,00224991  | 0,02356918 | Bad news | -0,00458335 | -0,02377186 | No news | 0,00339143  | 0,01014756  |
| 2           | Good news | -0,00034464 | 0,02322454 | Bad news | 0,00088314  | -0,02288873 | No news | -0,00160719 | 0,00854037  |
| 3           | Good news | -0,00031237 | 0,02291217 | Bad news | -0,00047281 | -0,02336154 | No news | -0,00190510 | 0,00663528  |
| 4           | Good news | -0,00170630 | 0,02120587 | Bad news | 0,00073538  | -0,02262616 | No news | 0,00087199  | 0,00750726  |
| 5           | Good news | 0,00040684  | 0,02161271 | Bad news | 0,00014697  | -0,02247919 | No news | -0,00049999 | 0,00700728  |
| 6           | Good news | 0,00047809  | 0,02209080 | Bad news | -0,00178614 | -0,02426533 | No news | -0,00039521 | 0,00661206  |
| 7           | Good news | -0,00077028 | 0,02132052 | Bad news | -0,00071422 | -0,02497955 | No news | -0,00035972 | 0,00625234  |
| 8           | Good news | -0,00100454 | 0,02031598 | Bad news | -0,00073334 | -0,02571289 | No news | 0,00034800  | 0,00660034  |
| 9           | Good news | 0,00071332  | 0,02102930 | Bad news | 0,00056273  | -0,02515016 | No news | -0,00131131 | 0,00528903  |
| 10          | Good news | -0,00013035 | 0,02089895 | Bad news | -0,00147603 | -0,02662618 | No news | 0,00121862  | 0,00650765  |
| 11          | Good news | -0,00101011 | 0,01988884 | Bad news | 0,00131318  | -0,02531301 | No news | 0,00008768  | 0,00659533  |
| 12          | Good news | 0,00192465  | 0,02181349 | Bad news | -0,00011834 | -0,02543135 | No news | 0,00040617  | 0,00700150  |
| 13          | Good news | 0,00016553  | 0,02197902 | Bad news | -0,00064194 | -0,02607329 | No news | -0,00139464 | 0,00560686  |
| 14          | Good news | 0,00068579  | 0,02266481 | Bad news | 0,00002202  | -0,02605127 | No news | -0,00278460 | 0,00282226  |
| 15          | Good news | -0,00150362 | 0,02116119 | Bad news | 0,00041051  | -0,02564076 | No news | -0,00203842 | 0,00078384  |
| 16          | Good news | -0,00029219 | 0,02086900 | Bad news | 0,00142296  | -0,02421780 | No news | -0,00055320 | 0,00023063  |
| 17          | Good news | 0,00122119  | 0,02090018 | Bad news | -0,00185508 | -0,02607287 | No news | -0,00094604 | -0,00071541 |
| 18          | Good news | 0,00044751  | 0,02253770 | Bad news | -0,00035795 | -0,02643082 | No news | 0,00291743  | 0,00220202  |
| 19          | Good news | -0,00074468 | 0,02179301 | Bad news | -0,00044239 | -0,02687321 | No news | -0,00025469 | 0,00194734  |
| 20          | Good news | 0,00054530  | 0,02233831 | Bad news | 0,00102351  | -0,02584970 | No news | 0,00120136  | 0,00314869  |
| 21          | Good news | -0,00010965 | 0,02222866 | Bad news | 0,00066580  | -0,02518391 | No news | -0,00231985 | 0,00082884  |
| 22          | Good news | 0,00049169  | 0,02272035 | Bad news | 0,00158563  | -0,02359827 | No news | 0,00179709  | 0,00262593  |
| 23          | Good news | -0,00082850 | 0,02181918 | Bad news | -0,00115113 | -0,02474940 | No news | -0,00159702 | 0,00102891  |
| 24          | Good news | -0,00052374 | 0,02136811 | Bad news | 0,00055944  | -0,02418996 | No news | -0,00150761 | -0,00047869 |
| 25          | Good news | -0,00031249 | 0,02105562 | Bad news | 0,00157198  | -0,02261798 | No news | 0,00206680  | 0,00158811  |
| 26          | Good news | -0,00033093 | 0,02072469 | Bad news | 0,00015322  | -0,02246476 | No news | -0,00111358 | 0,00047453  |
| 27          | Good news | -0,00017845 | 0,02054624 | Bad news | -0,00060191 | -0,02306667 | No news | -0,00235948 | -0,00188495 |
| 28          | Good news | 0,00176989  | 0,02231613 | Bad news | -0,00204191 | -0,02510858 | No news | 0,00094536  | -0,00093960 |
| 29          | Good news | 0,00015767  | 0,02247379 | Bad news | -0,00065227 | -0,02576085 | No news | 0,00001636  | -0,00092323 |
| 30          | Good news | -0,00081777 | 0,02165602 | Bad news | 0,00073976  | -0,02502109 | No news | 0,00174743  | 0,00082420  |
| 31          | Good news | 0,00124072  | 0,02289674 | Bad news | -0,00068812 | -0,02570920 | No news | -0,00058411 | 0,00024009  |
| 32          | Good news | 0,00064847  | 0,02354522 | Bad news | -0,00011080 | -0,02582000 | No news | 0,00032554  | 0,00056563  |
| 33          | Good news | 0,00068059  | 0,02422581 | Bad news | -0,00119204 | -0,02701204 | No news | -0,00121807 | -0,00065244 |
| 34          | Good news | 0,00124437  | 0,02547018 | Bad news | -0,00029398 | -0,02730601 | No news | -0,00184196 | -0,00249440 |
| 35          | Good news | 0,00133755  | 0,02680773 | Bad news | 0,00112530  | -0,02618071 | No news | 0,00188815  | -0,00060625 |
| 36          | Good news | -0,00070083 | 0,02610690 | Bad news | 0,00158746  | -0,02459325 | No news | 0,00035903  | -0,00024722 |
| 37          | Good news | -0,00085115 | 0,02525575 | Bad news | -0,00220452 | -0,02679778 | No news | -0,00157188 | -0,00181911 |
| 38          | Good news | -0,00188311 | 0,02337264 | Bad news | 0,00038474  | -0,02641303 | No news | -0,00111563 | -0,00293473 |
| 39          | Good news | 0,00227167  | 0,02564431 | Bad news | -0,00057694 | -0,02698997 | No news | 0,00055051  | -0,00238423 |
| 40          | Good news | -0,00022853 | 0,02541579 | Bad news | -0,00021055 | -0,02720052 | No news | -0,00060984 | -0,00299407 |
| 41          | Good news | -0,00162973 | 0,02378606 | Bad news | -0,00083714 | -0,02803766 | No news | -0,00287741 | -0,00587148 |
| 42          | Good news | 0,00141614  | 0,02520220 | Bad news | 0,00092655  | -0,02711111 | No news | 0,00086944  | -0,00500204 |
| 43          | Good news | 0,00097513  | 0,02611732 | Bad news | 0,00330157  | -0,02380954 | No news | 0,00246926  | -0,00253278 |
| 44          | Good news | 0,00034543  | 0,02652275 | Bad news | 0,00140910  | -0,02240044 | No news | 0,00086474  | -0,00166803 |
| 45          | Good news | 0,00040066  | 0,02692342 | Bad news | -0,00216237 | -0,02456281 | No news | -0,00199209 | -0,00366013 |
| 46          | Good news | 0,00039210  | 0,02731552 | Bad news | 0,00012912  | -0,02443369 | No news | 0,00136414  | -0,00229599 |
| 47          | Good news | 0,00025865  | 0,02757417 | Bad news | -0,00182835 | -0,02626204 | No news | 0,00261903  | 0,00032305  |
| 48          | Good news | -0,00162793 | 0,02594624 | Bad news | 0,00173314  | -0,02452891 | No news | -0,00114096 | -0,00081792 |
| 49          | Good news | 0,00246186  | 0,02840810 | Bad news | 0,00044434  | -0,02408456 | No news | -0,00253745 | -0,00335536 |
| 50          | Good news | -0,00021029 | 0,02819781 | Bad news | 0,00139021  | -0,02269435 | No news | 0,00069505  | -0,00266032 |
| 51          | Good news | -0,00178976 | 0,02640805 | Bad news | 0,00013793  | -0,02255643 | No news | -0,00206785 | -0,00472817 |
| 52          | Good news | -0,00096975 | 0,02543830 | Bad news | 0,00166010  | -0,02089633 | No news | 0,00201190  | -0,00271626 |
| 53          | Good news | 0,00066530  | 0,02610360 | Bad news | -0,00141004 | -0,02230637 | No news | 0,00240818  | -0,00030809 |
| 54          | Good news | -0,00174856 | 0,02435505 | Bad news | -0,00012084 | -0,02242721 | No news | 0,00157102  | 0,00126293  |
| 55          | Good news | -0,00015514 | 0,02419990 | Bad news | -0,00048339 | -0,02291060 | No news | 0,00060298  | 0,00186591  |
| 56          | Good news | 0,00181636  | 0,02601626 | Bad news | 0,00007989  | -0,02283071 | No news | -0,00005171 | 0,00181420  |
| 57          | Good news | -0,00207787 | 0,02393839 | Bad news | -0,00012583 | -0,02295654 | No news | 0,00108527  | 0,00289947  |
| 58          | Good news | 0,00075765  | 0,02469604 | Bad news | -0,00050761 | -0,02346415 | No news | 0,00088175  | 0,00378122  |
| 59          | Good news | 0,00003452  | 0,02473056 | Bad news | -0,00161338 | -0,02507753 | No news | -0,00198587 | 0,00179535  |
| 60          | Good news | 0,00255348  | 0,02728404 | Bad news | -0,00053251 | -0,02561005 | No news | 0,00066459  | 0,00245995  |

Consumer Services - Model 5 (UE)

| Eventwindow | News      | AAR         | CAAR        | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|-------------|-------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | 0,00044609  | 0,00044609  | Bad news | -0,00175788 | -0,00175788 | No news | 0,00036040  | 0,00036040  |
| -14         | Good news | -0,00144935 | -0,00100326 | Bad news | 0,00018728  | -0,00157059 | No news | 0,00167133  | 0,00203174  |
| -13         | Good news | 0,00357901  | 0,00257575  | Bad news | -0,00205731 | -0,00362790 | No news | 0,00061324  | 0,00264497  |
| -12         | Good news | -0,00806532 | -0,00548957 | Bad news | 0,00129639  | -0,00233152 | No news | -0,00171536 | 0,00092961  |
| -11         | Good news | 0,00029122  | -0,00519835 | Bad news | -0,00192192 | -0,00425343 | No news | -0,00194008 | -0,00101047 |
| -10         | Good news | -0,00264741 | -0,00784576 | Bad news | -0,00091392 | -0,00516736 | No news | 0,00379577  | 0,00278531  |
| -9          | Good news | 0,00043231  | -0,00741345 | Bad news | -0,00085647 | -0,00602382 | No news | -0,00045004 | 0,00233526  |
| -8          | Good news | 0,00104253  | -0,00637092 | Bad news | 0,00007685  | -0,00594697 | No news | -0,00020717 | 0,00212809  |
| -7          | Good news | -0,00006841 | -0,00643933 | Bad news | -0,00084199 | -0,00678896 | No news | 0,00101574  | 0,00314383  |
| -6          | Good news | -0,00009265 | -0,00653198 | Bad news | -0,00049961 | -0,00728858 | No news | -0,00119137 | 0,00195246  |
| -5          | Good news | 0,00032143  | -0,00621054 | Bad news | 0,00262693  | -0,00466165 | No news | -0,00142055 | 0,00053191  |
| -4          | Good news | 0,00413067  | -0,00207987 | Bad news | 0,00131782  | -0,00334383 | No news | -0,00000634 | 0,00052557  |
| -3          | Good news | 0,00195497  | -0,00012490 | Bad news | -0,00057679 | -0,00392062 | No news | 0,00210548  | 0,00263105  |
| -2          | Good news | 0,00203369  | 0,00190879  | Bad news | 0,00095128  | -0,00296934 | No news | 0,00125706  | 0,00388812  |
| -1          | Good news | 0,00242762  | 0,00433641  | Bad news | -0,00107444 | -0,00404378 | No news | 0,00134315  | 0,00523127  |
| 0           | Good news | 0,01021100  | 0,01454741  | Bad news | -0,01561979 | -0,01966357 | No news | 0,00152487  | 0,00675614  |
| 1           | Good news | 0,00137662  | 0,01592404  | Bad news | -0,00314178 | -0,02280535 | No news | 0,00339143  | 0,01014756  |
| 2           | Good news | 0,00063060  | 0,01655464  | Bad news | -0,00281732 | -0,02562267 | No news | -0,00160719 | 0,00854037  |
| 3           | Good news | 0,00015299  | 0,01670763  | Bad news | 0,00086790  | -0,02475477 | No news | -0,00190510 | 0,00663528  |
| 4           | Good news | -0,00257567 | 0,01413196  | Bad news | -0,00062404 | -0,02537881 | No news | 0,00087199  | 0,00750726  |
| 5           | Good news | 0,00137170  | 0,01550366  | Bad news | 0,00253479  | -0,02284403 | No news | -0,00049999 | 0,00700728  |
| 6           | Good news | 0,00080501  | 0,01630867  | Bad news | 0,00124844  | -0,02159595 | No news | -0,00039521 | 0,00661206  |
| 7           | Good news | -0,00170057 | 0,01460811  | Bad news | 0,00299841  | -0,01859718 | No news | -0,00035972 | 0,00625234  |
| 8           | Good news | 0,00131484  | 0,01592295  | Bad news | 0,00152096  | -0,01707621 | No news | 0,00034800  | 0,00660034  |
| 9           | Good news | 0,00079664  | 0,01671959  | Bad news | -0,00137386 | -0,01845007 | No news | -0,00131131 | 0,00528903  |
| 10          | Good news | 0,00086790  | 0,01758749  | Bad news | -0,00094264 | -0,01939271 | No news | 0,00121862  | 0,00650765  |
| 11          | Good news | 0,00269344  | 0,02028093  | Bad news | 0,00033949  | -0,01905322 | No news | 0,00008768  | 0,00659533  |
| 12          | Good news | 0,00248984  | 0,02277077  | Bad news | 0,00079136  | -0,01826186 | No news | 0,00040617  | 0,00700150  |
| 13          | Good news | -0,00092349 | 0,02184728  | Bad news | -0,00227607 | -0,02053793 | No news | -0,00139464 | 0,00560686  |
| 14          | Good news | -0,00146711 | 0,02038017  | Bad news | 0,00124094  | -0,01929699 | No news | -0,00278460 | 0,00282226  |
| 15          | Good news | 0,00045007  | 0,02083024  | Bad news | -0,00179343 | -0,02109042 | No news | -0,00203842 | 0,00078384  |
| 16          | Good news | -0,00296306 | 0,01786719  | Bad news | -0,00014870 | -0,02123912 | No news | -0,00055320 | 0,00023063  |
| 17          | Good news | -0,00000429 | 0,01786289  | Bad news | -0,00087070 | -0,02210982 | No news | -0,00094604 | -0,00071541 |
| 18          | Good news | -0,00080874 | 0,01705416  | Bad news | 0,00029112  | -0,02181870 | No news | 0,00291743  | 0,00220202  |
| 19          | Good news | -0,00217284 | 0,01488132  | Bad news | -0,00088893 | -0,02270763 | No news | -0,00025469 | 0,00194734  |
| 20          | Good news | 0,00334159  | 0,01822291  | Bad news | -0,00059359 | -0,02330122 | No news | 0,00120136  | 0,00314869  |
| 21          | Good news | 0,00234644  | 0,02056935  | Bad news | -0,00133541 | -0,02463662 | No news | -0,00231985 | 0,00082884  |
| 22          | Good news | -0,00021921 | 0,02035014  | Bad news | -0,00084502 | -0,02548165 | No news | 0,00179709  | 0,00262593  |
| 23          | Good news | -0,00265497 | 0,01769517  | Bad news | 0,00062622  | -0,02485543 | No news | -0,00159702 | 0,00102891  |
| 24          | Good news | 0,00240659  | 0,02010175  | Bad news | 0,00066996  | -0,02418547 | No news | -0,00150761 | -0,00047869 |
| 25          | Good news | -0,00135847 | 0,01874328  | Bad news | 0,00074318  | -0,02344229 | No news | 0,00206680  | 0,00158811  |
| 26          | Good news | -0,00033609 | 0,01840719  | Bad news | 0,000608909 | -0,01735320 | No news | -0,00111358 | 0,00047453  |
| 27          | Good news | -0,00128485 | 0,01712235  | Bad news | -0,00029289 | -0,01764609 | No news | -0,00235948 | -0,00188495 |
| 28          | Good news | -0,00048880 | 0,01663355  | Bad news | 0,00156807  | -0,01607802 | No news | 0,00094536  | -0,00093960 |
| 29          | Good news | -0,00088105 | 0,01575250  | Bad news | 0,00390601  | -0,01217202 | No news | 0,00001636  | -0,00092323 |
| 30          | Good news | 0,00050600  | 0,01625851  | Bad news | -0,00097328 | -0,01314529 | No news | 0,00174743  | 0,00082420  |
| 31          | Good news | -0,00137303 | 0,01488547  | Bad news | -0,00054725 | -0,01369255 | No news | -0,00058411 | 0,00024009  |
| 32          | Good news | 0,00218853  | 0,01707400  | Bad news | -0,00180448 | -0,01549703 | No news | 0,00032554  | 0,00056563  |
| 33          | Good news | 0,00087326  | 0,01794726  | Bad news | 0,00072810  | -0,01476893 | No news | -0,00121807 | -0,00065244 |
| 34          | Good news | -0,00081600 | 0,01713126  | Bad news | 0,00116368  | -0,01360525 | No news | -0,00184196 | -0,00249440 |
| 35          | Good news | 0,00076247  | 0,01789372  | Bad news | -0,00176074 | -0,01536598 | No news | 0,00188815  | -0,00060625 |
| 36          | Good news | 0,00118843  | 0,01908216  | Bad news | -0,00076427 | -0,01613025 | No news | 0,00035903  | -0,00024722 |
| 37          | Good news | 0,00188266  | 0,02096481  | Bad news | 0,00136361  | -0,01476664 | No news | -0,00157188 | -0,00181911 |
| 38          | Good news | -0,00071071 | 0,02025410  | Bad news | -0,00351818 | -0,01828482 | No news | -0,00111563 | -0,00293473 |
| 39          | Good news | 0,00118903  | 0,02144314  | Bad news | -0,00011922 | -0,01840404 | No news | 0,00055051  | -0,00238423 |
| 40          | Good news | -0,00109688 | 0,02034626  | Bad news | 0,00158703  | -0,01681701 | No news | -0,00060984 | -0,00299407 |
| 41          | Good news | -0,00069772 | 0,01964854  | Bad news | 0,00250955  | -0,01430746 | No news | -0,00287741 | -0,00587148 |
| 42          | Good news | 0,00017281  | 0,01982135  | Bad news | 0,00184059  | -0,01246686 | No news | 0,00086944  | -0,00500204 |
| 43          | Good news | 0,00012250  | 0,01994385  | Bad news | 0,00216781  | -0,01029906 | No news | 0,00246926  | -0,00253278 |
| 44          | Good news | 0,00083684  | 0,02078068  | Bad news | -0,00136339 | -0,01166244 | No news | 0,00086474  | -0,00166803 |
| 45          | Good news | -0,00336484 | 0,01741584  | Bad news | -0,00232364 | -0,01398608 | No news | -0,00199209 | -0,00366013 |
| 46          | Good news | -0,00028945 | 0,01712639  | Bad news | -0,00633387 | -0,02031995 | No news | 0,00136414  | -0,00229599 |
| 47          | Good news | 0,00030044  | 0,01742683  | Bad news | -0,00348634 | -0,02380630 | No news | 0,00261903  | 0,00032305  |
| 48          | Good news | 0,00023839  | 0,01766522  | Bad news | -0,00098895 | -0,02479524 | No news | -0,00114096 | -0,00081792 |
| 49          | Good news | 0,00126791  | 0,01893314  | Bad news | 0,00114142  | -0,02365383 | No news | -0,00253745 | -0,00335536 |
| 50          | Good news | -0,00011563 | 0,01881751  | Bad news | 0,00062620  | -0,02302763 | No news | 0,00069505  | -0,00266032 |
| 51          | Good news | -0,00073529 | 0,01808222  | Bad news | 0,00248839  | -0,02053924 | No news | -0,00206785 | -0,00472817 |
| 52          | Good news | 0,00148814  | 0,01957036  | Bad news | -0,00050495 | -0,02104420 | No news | 0,00201190  | -0,00271626 |
| 53          | Good news | 0,00089793  | 0,02046829  | Bad news | -0,00225322 | -0,02329741 | No news | 0,00240818  | -0,00030809 |
| 54          | Good news | 0,00029252  | 0,02076081  | Bad news | -0,00147826 | -0,02477567 | No news | 0,00157102  | 0,00126293  |
| 55          | Good news | -0,00173783 | 0,01902298  | Bad news | 0,00211340  | -0,02266227 | No news | 0,00060298  | 0,00186591  |
| 56          | Good news | 0,00479542  | 0,02381840  | Bad news | 0,00016386  | -0,02249841 | No news | -0,00005171 | 0,00181420  |
| 57          | Good news | -0,00171267 | 0,02210573  | Bad news | 0,00110893  | -0,02138948 | No news | 0,00108527  | 0,00289947  |
| 58          | Good news | 0,00169038  | 0,02379611  | Bad news | -0,00298029 | -0,02436977 | No news | 0,00088175  | 0,00378122  |
| 59          | Good news | -0,00068898 | 0,02310712  | Bad news | -0,00252735 | -0,02689712 | No news | -0,00198587 | 0,00179535  |
| 60          | Good news | 0,00400063  | 0,02710776  | Bad news | 0,00039192  | -0,02650520 | No news | 0,00066459  | 0,00245995  |

## Health Care - Model 5 (UE)

| Eventwindow | News      | AAR         | CAAR        | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|-------------|-------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | -0,00203073 | -0,00203073 | Bad news | -0,00180310 | -0,00180310 | No news | 0,00067023  | 0,00067023  |
| -14         | Good news | -0,00024671 | -0,00227744 | Bad news | -0,00063880 | -0,00244190 | No news | -0,00120035 | -0,00053012 |
| -13         | Good news | -0,00037187 | -0,00264932 | Bad news | -0,00005084 | -0,00249274 | No news | 0,00015842  | -0,00037170 |
| -12         | Good news | 0,00122456  | -0,00142476 | Bad news | -0,00024996 | -0,00274270 | No news | -0,00094902 | -0,00132072 |
| -11         | Good news | 0,00102412  | -0,00040063 | Bad news | -0,00326034 | -0,00600305 | No news | -0,00052554 | -0,00184627 |
| -10         | Good news | -0,00421099 | -0,00461162 | Bad news | 0,00011180  | -0,00589125 | No news | -0,00053674 | -0,00238301 |
| -9          | Good news | -0,00070146 | -0,00531308 | Bad news | -0,00097697 | -0,00686821 | No news | 0,00123130  | -0,00115170 |
| -8          | Good news | 0,00047870  | -0,00483438 | Bad news | 0,00122155  | -0,00564666 | No news | -0,00615901 | -0,00731071 |
| -7          | Good news | 0,00121530  | -0,00361908 | Bad news | 0,00048962  | -0,00515704 | No news | -0,00508436 | -0,01239508 |
| -6          | Good news | 0,00150574  | -0,00211334 | Bad news | -0,00411820 | -0,00927524 | No news | -0,00246578 | -0,01486086 |
| -5          | Good news | 0,00566634  | 0,00355300  | Bad news | -0,00322989 | -0,01250513 | No news | -0,00117969 | -0,01604055 |
| -4          | Good news | 0,00379611  | 0,00734911  | Bad news | 0,00096517  | -0,01153996 | No news | 0,00524974  | -0,01079081 |
| -3          | Good news | 0,00061993  | 0,00796904  | Bad news | 0,00001249  | -0,01152747 | No news | -0,00019344 | -0,01098425 |
| -2          | Good news | 0,00193125  | 0,00990029  | Bad news | 0,00266788  | -0,00885960 | No news | 0,00160737  | -0,00937688 |
| -1          | Good news | 0,00241711  | 0,01231741  | Bad news | 0,00322677  | -0,00563283 | No news | -0,00020230 | -0,00957918 |
| 0           | Good news | 0,00284513  | 0,01516253  | Bad news | -0,01906653 | -0,02469935 | No news | -0,00484526 | -0,01442444 |
| 1           | Good news | -0,00399922 | 0,01116331  | Bad news | -0,00502954 | -0,02972890 | No news | -0,00423334 | -0,01865778 |
| 2           | Good news | -0,00142384 | 0,00973947  | Bad news | -0,00174009 | -0,03146899 | No news | 0,00198332  | -0,01667446 |
| 3           | Good news | -0,00008724 | 0,00965223  | Bad news | 0,00160750  | -0,02986149 | No news | -0,00045505 | -0,01712951 |
| 4           | Good news | -0,00117165 | 0,00848058  | Bad news | -0,00084383 | -0,03070532 | No news | -0,00292119 | -0,02005070 |
| 5           | Good news | 0,00390431  | 0,01238489  | Bad news | 0,00353912  | -0,02716620 | No news | 0,00054822  | -0,01950248 |
| 6           | Good news | 0,00222532  | 0,01461021  | Bad news | -0,00100977 | -0,02817597 | No news | 0,00088043  | -0,01862204 |
| 7           | Good news | 0,00331295  | 0,01792316  | Bad news | 0,00282154  | -0,02535442 | No news | 0,00029177  | -0,01833028 |
| 8           | Good news | -0,00455930 | 0,01336386  | Bad news | 0,00135237  | -0,02400205 | No news | -0,00981874 | -0,02814901 |
| 9           | Good news | -0,00003516 | 0,01332870  | Bad news | 0,00046711  | -0,02353494 | No news | 0,00453517  | -0,02361384 |
| 10          | Good news | 0,00050488  | 0,01383358  | Bad news | -0,00050381 | -0,02403875 | No news | -0,00384835 | -0,02746219 |
| 11          | Good news | -0,00142557 | 0,01240801  | Bad news | 0,00183633  | -0,02220242 | No news | -0,00036363 | -0,02782582 |
| 12          | Good news | -0,00163805 | 0,01076996  | Bad news | -0,00150200 | -0,02370442 | No news | -0,01816615 | -0,04599197 |
| 13          | Good news | 0,00119626  | 0,01196622  | Bad news | 0,00433009  | -0,01937433 | No news | 0,00418960  | -0,04180237 |
| 14          | Good news | -0,00023223 | 0,01173399  | Bad news | 0,00064084  | -0,01873349 | No news | 0,00309367  | -0,03870871 |
| 15          | Good news | 0,00153111  | 0,01326510  | Bad news | -0,00184706 | -0,02058055 | No news | -0,00672091 | -0,04542961 |
| 16          | Good news | 0,000015187 | 0,01341697  | Bad news | 0,00039681  | -0,02018373 | No news | 0,00174652  | -0,04368310 |
| 17          | Good news | -0,00238351 | 0,01103347  | Bad news | -0,00127126 | -0,02145500 | No news | 0,00167379  | -0,04200931 |
| 18          | Good news | -0,00166869 | 0,00936477  | Bad news | 0,00339388  | -0,01806112 | No news | -0,00129159 | -0,04330090 |
| 19          | Good news | 0,00175921  | 0,01112398  | Bad news | 0,00323005  | -0,01483106 | No news | -0,00190568 | -0,04520658 |
| 20          | Good news | 0,000058800 | 0,01171198  | Bad news | -0,00130678 | -0,01613784 | No news | 0,00448447  | -0,04072211 |
| 21          | Good news | -0,00153701 | 0,01017497  | Bad news | 0,00147095  | -0,01466688 | No news | 0,00312714  | -0,03759496 |
| 22          | Good news | 0,00341322  | 0,01358819  | Bad news | 0,00135336  | -0,01331353 | No news | -0,00026707 | -0,03786203 |
| 23          | Good news | -0,00382887 | 0,00975932  | Bad news | 0,00445558  | -0,00885795 | No news | -0,00067940 | -0,03854143 |
| 24          | Good news | 0,00074977  | 0,01050909  | Bad news | -0,00315994 | -0,01201788 | No news | 0,00182701  | -0,03671442 |
| 25          | Good news | -0,00146692 | 0,00904216  | Bad news | 0,00040588  | -0,01161200 | No news | 0,00112919  | -0,03558523 |
| 26          | Good news | -0,00089737 | 0,00814480  | Bad news | -0,0076729  | -0,01237929 | No news | 0,00252472  | -0,03306051 |
| 27          | Good news | -0,00065436 | 0,00749044  | Bad news | -0,00030361 | -0,01268290 | No news | -0,00384210 | -0,03690260 |
| 28          | Good news | -0,00321766 | 0,00427277  | Bad news | -0,00079147 | -0,01347437 | No news | 0,00107300  | -0,03582960 |
| 29          | Good news | -0,00011902 | 0,00415375  | Bad news | 0,00368975  | -0,00978462 | No news | 0,00629606  | -0,02953354 |
| 30          | Good news | 0,00088733  | 0,00504108  | Bad news | 0,00027068  | -0,00951395 | No news | 0,00337199  | -0,02616155 |
| 31          | Good news | 0,00209706  | 0,00713814  | Bad news | 0,00060007  | -0,00891388 | No news | -0,00013872 | -0,02630026 |
| 32          | Good news | -0,00721977 | -0,00008163 | Bad news | 0,00063877  | -0,00827511 | No news | 0,00503267  | -0,02126759 |
| 33          | Good news | 0,00143643  | 0,00135480  | Bad news | 0,00169985  | -0,00657526 | No news | -0,00003496 | -0,02130255 |
| 34          | Good news | 0,00366607  | 0,00502087  | Bad news | 0,00142612  | -0,00514914 | No news | 0,00154506  | -0,01975749 |
| 35          | Good news | -0,00088720 | 0,00413366  | Bad news | -0,00009027 | -0,00523940 | No news | -0,00124983 | -0,02100732 |
| 36          | Good news | 0,00271085  | 0,00684451  | Bad news | -0,00069888 | -0,00593828 | No news | 0,00107527  | -0,01993205 |
| 37          | Good news | -0,00244971 | 0,00439480  | Bad news | 0,00102919  | -0,00490099 | No news | -0,00193904 | -0,02187109 |
| 38          | Good news | 0,00065409  | 0,00504889  | Bad news | 0,00021813  | -0,00469096 | No news | -0,00665160 | -0,02852270 |
| 39          | Good news | 0,00028451  | 0,00533340  | Bad news | 0,00298002  | -0,00171094 | No news | 0,00086414  | -0,02765856 |
| 40          | Good news | 0,00082644  | 0,00615984  | Bad news | -0,00154247 | -0,00325341 | No news | -0,00645151 | -0,03411007 |
| 41          | Good news | 0,000013849 | 0,00629833  | Bad news | 0,00218171  | -0,00107170 | No news | -0,00194735 | -0,03605742 |
| 42          | Good news | 0,00431790  | 0,01061623  | Bad news | 0,00009608  | -0,00097563 | No news | 0,00041892  | -0,03563850 |
| 43          | Good news | -0,00046153 | 0,01015470  | Bad news | 0,00372826  | -0,00275263 | No news | 0,00376741  | -0,03187109 |
| 44          | Good news | -0,00110045 | 0,00905426  | Bad news | -0,00111758 | -0,00163505 | No news | -0,00155818 | -0,03342927 |
| 45          | Good news | -0,00153397 | 0,00752029  | Bad news | 0,00329197  | -0,00492702 | No news | -0,00025473 | -0,03368400 |
| 46          | Good news | 0,00244925  | 0,00996954  | Bad news | 0,00443116  | -0,00935819 | No news | 0,00139573  | -0,03228828 |
| 47          | Good news | -0,00131262 | 0,00865692  | Bad news | -0,00106164 | -0,00829654 | No news | -0,00076710 | -0,03305538 |
| 48          | Good news | -0,00180373 | 0,00685318  | Bad news | 0,00050833  | -0,00880487 | No news | -0,00391289 | -0,03696827 |
| 49          | Good news | 0,00212348  | 0,00897666  | Bad news | 0,00014706  | -0,00895193 | No news | -0,00075215 | -0,03772043 |
| 50          | Good news | -0,00166873 | 0,00730793  | Bad news | -0,00003029 | -0,00892164 | No news | 0,00228029  | -0,03544013 |
| 51          | Good news | 0,00181680  | 0,00912473  | Bad news | 0,00054529  | -0,00946693 | No news | 0,00236311  | -0,03307702 |
| 52          | Good news | -0,00531331 | 0,00381142  | Bad news | -0,00388833 | -0,00557860 | No news | 0,00063748  | -0,03243954 |
| 53          | Good news | 0,00120155  | 0,00501296  | Bad news | 0,00089956  | -0,00647816 | No news | -0,00630568 | -0,03874522 |
| 54          | Good news | 0,00189381  | 0,00690678  | Bad news | -0,00008568 | -0,00639247 | No news | -0,00207153 | -0,04081675 |
| 55          | Good news | 0,00289234  | 0,00979912  | Bad news | 0,00047627  | -0,00686874 | No news | 0,00010738  | -0,04070936 |
| 56          | Good news | -0,00363056 | 0,00616856  | Bad news | -0,00085801 | -0,00601074 | No news | -0,00214446 | -0,04285383 |
| 57          | Good news | 0,00223790  | 0,00840645  | Bad news | -0,00911916 | -0,00310842 | No news | 0,00054397  | -0,04230985 |
| 58          | Good news | -0,00134960 | 0,00705685  | Bad news | -0,00532985 | -0,00843827 | No news | 0,00113828  | -0,04117157 |
| 59          | Good news | -0,00094952 | 0,00610733  | Bad news | -0,00069653 | -0,00913480 | No news | 0,00254256  | -0,03862901 |
| 60          | Good news | -0,00154059 | 0,00456674  | Bad news | -0,00004401 | -0,00917880 | No news | 0,00006927  | -0,03855973 |

## Industrials - Model 5 (UE)

| Eventwindow | News      | AAR         | CAAR        | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|-------------|-------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | -0,00050960 | -0,00050960 | Bad news | -0,00018185 | -0,00018185 | No news | 0,00069515  | 0,00069515  |
| -14         | Good news | -0,00032588 | -0,00083547 | Bad news | 0,00071238  | 0,00053053  | No news | 0,00090943  | 0,00160457  |
| -13         | Good news | -0,00025999 | -0,00109546 | Bad news | 0,00080343  | 0,00133397  | No news | 0,00007965  | 0,00168422  |
| -12         | Good news | 0,00037278  | -0,00072269 | Bad news | -0,00038002 | 0,00095394  | No news | -0,00035136 | 0,00133285  |
| -11         | Good news | 0,00033563  | -0,00038705 | Bad news | -0,00129997 | -0,00034603 | No news | 0,00073752  | 0,00207038  |
| -10         | Good news | 0,00086591  | 0,00047886  | Bad news | 0,00074826  | 0,00040223  | No news | 0,00110973  | 0,00318010  |
| -9          | Good news | 0,00084522  | 0,00132408  | Bad news | 0,00019402  | 0,00059626  | No news | -0,00094236 | 0,00223775  |
| -8          | Good news | 0,00097263  | 0,00229671  | Bad news | 0,00145244  | 0,00204870  | No news | 0,00182942  | 0,00406716  |
| -7          | Good news | 0,00061302  | 0,00290973  | Bad news | 0,00005376  | 0,00210245  | No news | -0,00096355 | 0,00310361  |
| -6          | Good news | -0,00036719 | 0,00254254  | Bad news | 0,00145238  | 0,00355483  | No news | 0,00043257  | 0,00353618  |
| -5          | Good news | -0,00012352 | 0,00241902  | Bad news | -0,00035179 | 0,00320304  | No news | -0,00040724 | 0,00312894  |
| -4          | Good news | 0,00231949  | 0,00473851  | Bad news | 0,00032476  | 0,00352780  | No news | 0,00105976  | 0,00418870  |
| -3          | Good news | 0,00160310  | 0,00634161  | Bad news | 0,00141305  | 0,00494085  | No news | 0,00017048  | 0,00435917  |
| -2          | Good news | 0,00046104  | 0,00680265  | Bad news | -0,00159394 | 0,00334691  | No news | 0,00155905  | 0,00591822  |
| -1          | Good news | 0,00365674  | 0,01045939  | Bad news | 0,00481742  | 0,00816433  | No news | 0,00284305  | 0,00876127  |
| 0           | Good news | 0,00855216  | 0,01901155  | Bad news | -0,02160846 | -0,01344414 | No news | 0,00118979  | 0,00995107  |
| 1           | Good news | -0,00110314 | 0,01790841  | Bad news | -0,00471289 | -0,01815703 | No news | -0,00291304 | 0,00703802  |
| 2           | Good news | -0,00135191 | 0,01655651  | Bad news | -0,00115704 | -0,01931407 | No news | -0,00080864 | 0,00622939  |
| 3           | Good news | 0,00068598  | 0,01724248  | Bad news | -0,00011020 | -0,01942427 | No news | -0,00097615 | 0,00525324  |
| 4           | Good news | 0,00014892  | 0,01739140  | Bad news | -0,00044639 | -0,01987066 | No news | -0,00170419 | 0,00354905  |
| 5           | Good news | 0,00118922  | 0,01858062  | Bad news | -0,00088666 | -0,02075731 | No news | 0,00087446  | 0,00442352  |
| 6           | Good news | 0,00093774  | 0,01951836  | Bad news | -0,00101600 | -0,02177331 | No news | 0,00022157  | 0,00464509  |
| 7           | Good news | 0,00017895  | 0,01969731  | Bad news | -0,00122428 | -0,02299759 | No news | -0,00178257 | 0,00286252  |
| 8           | Good news | -0,00056451 | 0,01913280  | Bad news | -0,00094859 | -0,02394618 | No news | 0,00081480  | 0,00367731  |
| 9           | Good news | -0,00107708 | 0,01805573  | Bad news | 0,00058574  | -0,02336044 | No news | -0,00115621 | 0,00252110  |
| 10          | Good news | 0,00033699  | 0,01839271  | Bad news | 0,00042635  | -0,02293408 | No news | 0,00110793  | 0,00362903  |
| 11          | Good news | 0,00050134  | 0,01889405  | Bad news | 0,00019620  | -0,02273788 | No news | -0,00033668 | 0,00329235  |
| 12          | Good news | 0,00087021  | 0,01976426  | Bad news | -0,00070716 | -0,02344504 | No news | -0,00008409 | 0,00320826  |
| 13          | Good news | -0,00015312 | 0,01961114  | Bad news | -0,00076024 | -0,02420528 | No news | -0,00090907 | 0,00229919  |
| 14          | Good news | 0,00025852  | 0,01986966  | Bad news | -0,00078414 | -0,02498941 | No news | 0,00021711  | 0,00251630  |
| 15          | Good news | -0,00000316 | 0,01986650  | Bad news | 0,00134825  | -0,02364116 | No news | 0,00107807  | 0,00359437  |
| 16          | Good news | 0,00063515  | 0,02050164  | Bad news | -0,00060436 | -0,02424552 | No news | 0,00042984  | 0,00402421  |
| 17          | Good news | -0,00028152 | 0,02022012  | Bad news | 0,00159146  | -0,02265406 | No news | 0,00033958  | 0,00436378  |
| 18          | Good news | -0,00020974 | 0,02001038  | Bad news | -0,00123138 | -0,02388544 | No news | -0,00183118 | 0,00253260  |
| 19          | Good news | -0,00045173 | 0,01955865  | Bad news | -0,00054802 | -0,02443346 | No news | 0,00017246  | 0,00270506  |
| 20          | Good news | 0,00037375  | 0,01993240  | Bad news | -0,00090520 | -0,02533866 | No news | -0,00038026 | 0,00232481  |
| 21          | Good news | 0,00108415  | 0,02101655  | Bad news | -0,00141433 | -0,02675299 | No news | -0,00153697 | 0,00078783  |
| 22          | Good news | 0,00064525  | 0,02166179  | Bad news | 0,00062295  | -0,02613004 | No news | 0,00150894  | 0,00229677  |
| 23          | Good news | -0,00145272 | 0,02020907  | Bad news | 0,00001231  | -0,02611773 | No news | -0,00065587 | 0,00164091  |
| 24          | Good news | -0,00111268 | 0,01909640  | Bad news | -0,00079268 | -0,02691041 | No news | -0,00022082 | 0,00142009  |
| 25          | Good news | -0,00027261 | 0,01882379  | Bad news | 0,00157982  | -0,02533059 | No news | 0,00011174  | 0,00153183  |
| 26          | Good news | -0,00069877 | 0,01812502  | Bad news | -0,00004489 | -0,02537548 | No news | -0,00070040 | 0,00083143  |
| 27          | Good news | 0,00037383  | 0,01849885  | Bad news | 0,00047842  | -0,02489705 | No news | 0,00009987  | 0,00093130  |
| 28          | Good news | 0,00016424  | 0,01866309  | Bad news | -0,00056745 | -0,02546450 | No news | 0,00052462  | 0,00145592  |
| 29          | Good news | -0,00025571 | 0,01840738  | Bad news | 0,00124794  | -0,02421656 | No news | -0,00035555 | 0,00110036  |
| 30          | Good news | 0,00044154  | 0,01884892  | Bad news | -0,00064800 | -0,02486456 | No news | -0,00117843 | -0,00007806 |
| 31          | Good news | -0,00027176 | 0,01857716  | Bad news | 0,00025650  | -0,02460806 | No news | 0,00110226  | 0,00102420  |
| 32          | Good news | -0,00033284 | 0,01824433  | Bad news | -0,00028806 | -0,02489613 | No news | 0,00067027  | 0,00169446  |
| 33          | Good news | 0,00083841  | 0,01908274  | Bad news | 0,00088156  | -0,02401457 | No news | 0,00008053  | 0,00177499  |
| 34          | Good news | 0,00085418  | 0,01993691  | Bad news | 0,00186732  | -0,02214725 | No news | -0,00106464 | 0,00071036  |
| 35          | Good news | -0,00023765 | 0,01969927  | Bad news | 0,00160688  | -0,02054038 | No news | 0,00194645  | 0,00265681  |
| 36          | Good news | -0,00030774 | 0,01939153  | Bad news | -0,00097132 | -0,02151169 | No news | -0,00088414 | 0,00177267  |
| 37          | Good news | -0,00046584 | 0,01892569  | Bad news | -0,00068727 | -0,02219896 | No news | -0,00145690 | 0,00031577  |
| 38          | Good news | 0,00046214  | 0,01938783  | Bad news | 0,00121522  | -0,02098374 | No news | 0,00078666  | 0,00110243  |
| 39          | Good news | 0,00018979  | 0,01957762  | Bad news | -0,00080728 | -0,02179102 | No news | 0,00056561  | 0,00166804  |
| 40          | Good news | 0,00042746  | 0,02000509  | Bad news | 0,00004304  | -0,02174799 | No news | 0,00079217  | 0,00246020  |
| 41          | Good news | -0,00014576 | 0,01985933  | Bad news | 0,00251539  | -0,01923259 | No news | -0,00070788 | 0,00175232  |
| 42          | Good news | 0,00028120  | 0,02014053  | Bad news | -0,00003268 | -0,01926527 | No news | -0,00142408 | 0,00032824  |
| 43          | Good news | 0,00163704  | 0,02177756  | Bad news | -0,00118619 | -0,02045146 | No news | 0,00104598  | 0,00137422  |
| 44          | Good news | 0,000005631 | 0,02183387  | Bad news | -0,00031501 | -0,02076647 | No news | -0,00099092 | 0,00038331  |
| 45          | Good news | 0,00049055  | 0,02232443  | Bad news | 0,00052351  | -0,02024296 | No news | -0,00038135 | 0,00000195  |
| 46          | Good news | 0,00085068  | 0,02317510  | Bad news | 0,00165463  | -0,01858833 | No news | -0,00068210 | -0,00068015 |
| 47          | Good news | -0,00006698 | 0,02310812  | Bad news | 0,00100679  | -0,01758154 | No news | 0,00017042  | -0,00050973 |
| 48          | Good news | -0,00011903 | 0,02298909  | Bad news | 0,00034975  | -0,01723180 | No news | -0,00100395 | -0,00151367 |
| 49          | Good news | 0,00100692  | 0,02399601  | Bad news | 0,00200425  | -0,01522754 | No news | -0,00128097 | -0,00279464 |
| 50          | Good news | 0,00112975  | 0,02515276  | Bad news | 0,00077365  | -0,01445389 | No news | -0,00036147 | -0,00315610 |
| 51          | Good news | 0,00213894  | 0,02726470  | Bad news | -0,00082686 | -0,01528076 | No news | -0,00086998 | -0,00402609 |
| 52          | Good news | 0,00059082  | 0,02785552  | Bad news | 0,00072401  | -0,01455674 | No news | -0,00070010 | -0,00472618 |
| 53          | Good news | -0,00054309 | 0,02731243  | Bad news | -0,00027957 | -0,01483631 | No news | 0,00028626  | -0,00443993 |
| 54          | Good news | 0,00099236  | 0,02830479  | Bad news | 0,00067506  | -0,01416125 | No news | -0,00017491 | -0,00461483 |
| 55          | Good news | -0,00125923 | 0,02704556  | Bad news | 0,00052878  | -0,01363247 | No news | 0,00079046  | -0,00382438 |
| 56          | Good news | 0,00147466  | 0,02852022  | Bad news | 0,00048661  | -0,01314586 | No news | 0,00066617  | -0,00315821 |
| 57          | Good news | 0,00045331  | 0,02897353  | Bad news | -0,00138436 | -0,01453022 | No news | -0,00054377 | -0,00370199 |
| 58          | Good news | -0,00055656 | 0,02841697  | Bad news | -0,00062095 | -0,01515117 | No news | -0,00217703 | -0,00587901 |
| 59          | Good news | 0,00091901  | 0,02933598  | Bad news | -0,00077001 | -0,01592118 | No news | 0,00058165  | -0,00529736 |
| 60          | Good news | 0,00068425  | 0,03002024  | Bad news | -0,00079286 | -0,01671404 | No news | -0,00219328 | -0,00749064 |

## Oil &amp; Gas - Model 5 (UE)

| Eventwindow | News      | AAR          | CAAR       | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|--------------|------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | 0,00234806   | 0,00234806 | Bad news | -0,00526632 | -0,00526632 | No news | 0,00218850  | 0,00218850  |
| -14         | Good news | 0,00065519   | 0,00300324 | Bad news | -0,00305302 | -0,00831934 | No news | 0,00715804  | 0,00934654  |
| -13         | Good news | 0,00072080   | 0,00372404 | Bad news | 0,00166618  | -0,00665315 | No news | -0,00060499 | 0,00874154  |
| -12         | Good news | 0,00188734   | 0,00561137 | Bad news | 0,00026201  | -0,00639114 | No news | -0,00264546 | 0,00609609  |
| -11         | Good news | -0,00155898  | 0,00405239 | Bad news | -0,00085650 | -0,00724764 | No news | -0,00275750 | 0,00333858  |
| -10         | Good news | 0,00228878   | 0,00634117 | Bad news | 0,00081075  | -0,00643689 | No news | -0,00054696 | 0,00279163  |
| -9          | Good news | 0,00109350   | 0,00743467 | Bad news | -0,00122690 | -0,00766379 | No news | 0,00100690  | 0,00379853  |
| -8          | Good news | -0,00243030  | 0,00500437 | Bad news | -0,00067307 | -0,00833686 | No news | 0,00336068  | 0,00715922  |
| -7          | Good news | -0,00101825  | 0,00398612 | Bad news | -0,00176722 | -0,01010409 | No news | 0,00065425  | 0,00781347  |
| -6          | Good news | 0,00290893   | 0,00689505 | Bad news | -0,00124900 | -0,01135309 | No news | 0,00461700  | 0,01243047  |
| -5          | Good news | 0,00268451   | 0,00957956 | Bad news | 0,00116338  | -0,01018970 | No news | 0,00100784  | 0,01343831  |
| -4          | Good news | 0,000009085  | 0,00967041 | Bad news | 0,00080801  | -0,00938169 | No news | 0,00164770  | 0,01508601  |
| -3          | Good news | 0,00111678   | 0,01078719 | Bad news | 0,00295472  | -0,00642697 | No news | -0,00137711 | 0,01370890  |
| -2          | Good news | 0,00413964   | 0,01492683 | Bad news | -0,00216070 | -0,00858768 | No news | 0,00308029  | 0,01678919  |
| -1          | Good news | 0,00423628   | 0,01916312 | Bad news | 0,00690864  | -0,00167903 | No news | -0,00105948 | 0,01572970  |
| 0           | Good news | 0,00141997   | 0,02058309 | Bad news | -0,01595465 | -0,01763368 | No news | -0,00304561 | 0,01268409  |
| 1           | Good news | -0,00059471  | 0,01998838 | Bad news | -0,00474393 | -0,02237761 | No news | 0,00307694  | 0,01576103  |
| 2           | Good news | 0,00312080   | 0,02310918 | Bad news | -0,00100671 | -0,02338432 | No news | -0,00524839 | 0,01051265  |
| 3           | Good news | 0,00088064   | 0,02398983 | Bad news | -0,00002020 | -0,02340452 | No news | 0,00148868  | 0,01200133  |
| 4           | Good news | 0,00215438   | 0,02614421 | Bad news | -0,00014339 | -0,02354791 | No news | 0,00113870  | 0,01314004  |
| 5           | Good news | 0,00229550   | 0,02843971 | Bad news | -0,00105765 | -0,02460556 | No news | 0,00126584  | 0,01440588  |
| 6           | Good news | -0,00073728  | 0,02770243 | Bad news | -0,00284161 | -0,02744717 | No news | -0,00135332 | 0,01305256  |
| 7           | Good news | 0,00076216   | 0,02846459 | Bad news | 0,00010811  | -0,02733906 | No news | -0,00176667 | 0,01128589  |
| 8           | Good news | 0,00285986   | 0,03132445 | Bad news | -0,00004517 | -0,02738423 | No news | 0,00061840  | 0,01190429  |
| 9           | Good news | -0,00202619  | 0,02929826 | Bad news | -0,00043158 | -0,02781580 | No news | -0,00036815 | 0,01153614  |
| 10          | Good news | -0,00318289  | 0,02611537 | Bad news | -0,00419760 | -0,03201340 | No news | -0,00119208 | 0,01034406  |
| 11          | Good news | -0,00131466  | 0,02480071 | Bad news | -0,00304303 | -0,03505643 | No news | 0,00167988  | 0,01202394  |
| 12          | Good news | 0,00097372   | 0,02577444 | Bad news | -0,00320528 | -0,03826171 | No news | 0,00683929  | 0,01886323  |
| 13          | Good news | 0,00027017   | 0,02604460 | Bad news | 0,00181097  | -0,03645074 | No news | -0,00287149 | 0,01599174  |
| 14          | Good news | 0,00247074   | 0,02851535 | Bad news | -0,00149685 | -0,03794758 | No news | 0,00392024  | 0,01991198  |
| 15          | Good news | 0,00123049   | 0,02974584 | Bad news | -0,00089321 | -0,03884080 | No news | -0,00343587 | 0,01647611  |
| 16          | Good news | -0,00201879  | 0,02772705 | Bad news | -0,00089525 | -0,03973605 | No news | 0,00386172  | 0,02033783  |
| 17          | Good news | -0,00216081  | 0,02556624 | Bad news | -0,00148487 | -0,04122092 | No news | -0,00527428 | 0,01506355  |
| 18          | Good news | -0,00382358  | 0,02174266 | Bad news | 0,00243621  | -0,03878471 | No news | 0,00844332  | 0,02350687  |
| 19          | Good news | -0,00302636  | 0,01871629 | Bad news | -0,00266588 | -0,04145059 | No news | 0,00238630  | 0,02589317  |
| 20          | Good news | -0,00177568  | 0,01694061 | Bad news | -0,00229772 | -0,04374831 | No news | 0,00419591  | 0,03008907  |
| 21          | Good news | 0,00074191   | 0,01768252 | Bad news | -0,00266529 | -0,04641360 | No news | -0,00253149 | 0,02755758  |
| 22          | Good news | -0,00101124  | 0,01667128 | Bad news | -0,00053468 | -0,04694828 | No news | -0,00627418 | 0,02128341  |
| 23          | Good news | -0,00151444  | 0,01515684 | Bad news | -0,00274032 | -0,04968861 | No news | 0,00254909  | 0,02383250  |
| 24          | Good news | 0,00043318   | 0,01559001 | Bad news | -0,00056952 | -0,05025813 | No news | 0,00040082  | 0,02423332  |
| 25          | Good news | -0,00191457  | 0,01367544 | Bad news | -0,00090219 | -0,05116032 | No news | -0,00260834 | 0,02162498  |
| 26          | Good news | 0,00001928   | 0,01369472 | Bad news | -0,00258407 | -0,05374438 | No news | -0,00227015 | 0,01935483  |
| 27          | Good news | -0,00000364  | 0,01369108 | Bad news | -0,00076113 | -0,05450552 | No news | -0,00049364 | 0,01886119  |
| 28          | Good news | -0,00035629  | 0,01333478 | Bad news | 0,00061755  | -0,05388797 | No news | 0,00564900  | 0,02451020  |
| 29          | Good news | -0,00132989  | 0,01200490 | Bad news | -0,00008635 | -0,05397432 | No news | -0,00152652 | 0,02298368  |
| 30          | Good news | 0,00256513   | 0,01457003 | Bad news | 0,00028266  | -0,05369167 | No news | -0,00113034 | 0,02185334  |
| 31          | Good news | 0,00125481   | 0,01582484 | Bad news | 0,00099430  | -0,05269737 | No news | 0,00877331  | 0,03062665  |
| 32          | Good news | 0,00221864   | 0,01804348 | Bad news | 0,00125048  | -0,05144689 | No news | 0,00008956  | 0,03071621  |
| 33          | Good news | -0,00136300  | 0,01668048 | Bad news | 0,00011945  | -0,05132744 | No news | 0,00255747  | 0,03327368  |
| 34          | Good news | 0,00344555   | 0,02012602 | Bad news | 0,00642199  | -0,04490545 | No news | 0,00049847  | 0,03377214  |
| 35          | Good news | 0,00160896   | 0,02173498 | Bad news | 0,00021126  | -0,04469420 | No news | 0,00269876  | 0,03647091  |
| 36          | Good news | -0,00013579  | 0,02159919 | Bad news | -0,00012691 | -0,04482110 | No news | 0,00359428  | 0,04006519  |
| 37          | Good news | 0,00014576   | 0,02174495 | Bad news | -0,00516301 | -0,04998411 | No news | -0,00092661 | 0,03913858  |
| 38          | Good news | 0,00184803   | 0,02359298 | Bad news | -0,00144238 | -0,05142649 | No news | 0,00684663  | 0,04598520  |
| 39          | Good news | 0,00063319   | 0,02422617 | Bad news | 0,00307131  | -0,04835518 | No news | -0,00592824 | 0,040005697 |
| 40          | Good news | 0,00555019   | 0,02977636 | Bad news | 0,00160344  | -0,04675174 | No news | -0,0030970  | 0,03695727  |
| 41          | Good news | -0,00004439  | 0,02973197 | Bad news | 0,00065615  | -0,04609559 | No news | -0,00117452 | 0,03578275  |
| 42          | Good news | 0,00277174   | 0,03250371 | Bad news | -0,00104823 | -0,04714382 | No news | -0,00099079 | 0,03479196  |
| 43          | Good news | -0,00230076  | 0,03020295 | Bad news | 0,00376479  | -0,04337903 | No news | 0,00272150  | 0,03751345  |
| 44          | Good news | -0,00198135  | 0,02822160 | Bad news | 0,00021466  | -0,04316437 | No news | -0,00294073 | 0,03457273  |
| 45          | Good news | -0,00011723  | 0,02810437 | Bad news | 0,00097074  | -0,04219362 | No news | -0,00279212 | 0,03178061  |
| 46          | Good news | 0,00075387   | 0,02885824 | Bad news | -0,00264597 | -0,04483960 | No news | 0,00208895  | 0,03386956  |
| 47          | Good news | -0,00238167  | 0,02647657 | Bad news | -0,00337176 | -0,04821136 | No news | 0,00300852  | 0,03687807  |
| 48          | Good news | 0,00040159   | 0,02687816 | Bad news | 0,00032032  | -0,04789103 | No news | -0,00222258 | 0,03465549  |
| 49          | Good news | 0,00196759   | 0,02884575 | Bad news | 0,00383983  | -0,04405120 | No news | 0,00088150  | 0,03553700  |
| 50          | Good news | 0,00017893   | 0,02902468 | Bad news | 0,00341761  | -0,04063359 | No news | -0,00743893 | 0,02809807  |
| 51          | Good news | 0,00322205   | 0,03224673 | Bad news | -0,00102075 | -0,04165434 | No news | 0,00335431  | 0,03145238  |
| 52          | Good news | -0,000998801 | 0,03125872 | Bad news | 0,00245188  | -0,03920245 | No news | 0,00208233  | 0,03353470  |
| 53          | Good news | 0,00122406   | 0,03248278 | Bad news | -0,00373415 | -0,04293660 | No news | -0,00249354 | 0,03104116  |
| 54          | Good news | -0,00440972  | 0,02807306 | Bad news | -0,00150383 | -0,04444043 | No news | 0,00238226  | 0,03342343  |
| 55          | Good news | 0,00386447   | 0,03193752 | Bad news | -0,00270351 | -0,04714394 | No news | -0,00381681 | 0,02960661  |
| 56          | Good news | 0,00223120   | 0,03416872 | Bad news | 0,00265033  | -0,04449361 | No news | 0,00335518  | 0,03296179  |
| 57          | Good news | 0,00217192   | 0,03634065 | Bad news | -0,00166076 | -0,04615436 | No news | 0,00651415  | 0,03947594  |
| 58          | Good news | -0,00405459  | 0,03228605 | Bad news | -0,00106259 | -0,04721695 | No news | 0,00859877  | 0,04807471  |
| 59          | Good news | 0,00244790   | 0,03473395 | Bad news | -0,00117723 | -0,04839418 | No news | -0,00043354 | 0,04764117  |
| 60          | Good news | -0,00042420  | 0,03430975 | Bad news | 0,00390852  | -0,04448567 | No news | -0,00155527 | 0,04608590  |

## Technology - Model 5 (UE)

| Eventwindow | News      | AAR         | CAAR        | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|-------------|-------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | 0,00154422  | 0,00154422  | Bad news | 0,00231885  | 0,00231885  | No news | -0,00015915 | -0,00015915 |
| -14         | Good news | -0,00075867 | 0,00078555  | Bad news | -0,00109727 | 0,00122158  | No news | -0,00234649 | -0,00250564 |
| -13         | Good news | -0,00196164 | -0,00117610 | Bad news | -0,00299319 | -0,00177160 | No news | -0,00243694 | -0,00494258 |
| -12         | Good news | 0,00171453  | 0,00053843  | Bad news | -0,00298315 | -0,00475476 | No news | -0,00011567 | -0,00505825 |
| -11         | Good news | 0,00129959  | 0,00183802  | Bad news | -0,00009395 | -0,00484871 | No news | -0,00061694 | -0,00567519 |
| -10         | Good news | 0,00026480  | 0,00210283  | Bad news | 0,00272157  | -0,00212713 | No news | -0,00088450 | -0,00655969 |
| -9          | Good news | 0,00065143  | 0,00275425  | Bad news | -0,00126646 | -0,00339360 | No news | -0,00202527 | -0,00858497 |
| -8          | Good news | -0,00073384 | 0,00202041  | Bad news | 0,00082057  | -0,00257303 | No news | 0,00266275  | -0,00592221 |
| -7          | Good news | 0,00098071  | 0,00300112  | Bad news | -0,00051222 | -0,00308525 | No news | 0,00010580  | -0,00581642 |
| -6          | Good news | 0,00070937  | 0,00371049  | Bad news | -0,00356878 | -0,00665403 | No news | 0,00157943  | -0,00423699 |
| -5          | Good news | 0,00165347  | 0,00536396  | Bad news | 0,00047735  | -0,00617669 | No news | 0,00229686  | -0,00194013 |
| -4          | Good news | 0,00019023  | 0,00555420  | Bad news | -0,00128211 | -0,00745880 | No news | 0,00025922  | -0,00168091 |
| -3          | Good news | -0,00107918 | 0,00447502  | Bad news | -0,00038964 | -0,00784844 | No news | 0,00557060  | 0,00388970  |
| -2          | Good news | 0,00342475  | 0,00789977  | Bad news | -0,00090736 | -0,00875580 | No news | 0,00033269  | 0,00422239  |
| -1          | Good news | 0,00759878  | 0,01549855  | Bad news | 0,00291651  | -0,00583929 | No news | 0,00598540  | 0,01020778  |
| 0           | Good news | 0,01380287  | 0,02930142  | Bad news | -0,02972247 | -0,03556176 | No news | -0,00139401 | 0,00881378  |
| 1           | Good news | -0,00288012 | 0,02642130  | Bad news | -0,00429585 | -0,03985760 | No news | -0,00214145 | 0,00667233  |
| 2           | Good news | -0,00097689 | 0,02544441  | Bad news | -0,00127375 | -0,04113135 | No news | 0,00066969  | 0,00734202  |
| 3           | Good news | -0,00089019 | 0,02455422  | Bad news | 0,00103773  | -0,04009361 | No news | 0,00195128  | 0,00929330  |
| 4           | Good news | 0,00037191  | 0,02492613  | Bad news | 0,00136558  | -0,03872803 | No news | -0,00052630 | 0,00876700  |
| 5           | Good news | -0,00137798 | 0,02354815  | Bad news | 0,00162032  | -0,03710771 | No news | -0,00043172 | 0,00833528  |
| 6           | Good news | 0,00073473  | 0,02428288  | Bad news | 0,00086611  | -0,03624160 | No news | 0,00237391  | 0,01070919  |
| 7           | Good news | 0,00281944  | 0,02710232  | Bad news | -0,00131673 | -0,03755833 | No news | -0,00197015 | 0,00873904  |
| 8           | Good news | -0,00179258 | 0,02530975  | Bad news | -0,00204920 | -0,03960753 | No news | 0,00239401  | 0,01113306  |
| 9           | Good news | 0,00061134  | 0,02592109  | Bad news | 0,00165713  | -0,03795040 | No news | -0,00110764 | 0,01002541  |
| 10          | Good news | -0,00092346 | 0,02499763  | Bad news | -0,00011528 | -0,03806568 | No news | 0,00150846  | 0,01153388  |
| 11          | Good news | 0,00158245  | 0,02658008  | Bad news | -0,00380603 | -0,04187171 | No news | 0,00255652  | 0,01409040  |
| 12          | Good news | 0,00111574  | 0,02769582  | Bad news | -0,00037305 | -0,04224476 | No news | -0,00191733 | 0,01217306  |
| 13          | Good news | 0,00049971  | 0,02819553  | Bad news | -0,00026773 | -0,04251249 | No news | 0,00281923  | 0,01499229  |
| 14          | Good news | 0,00043498  | 0,02863051  | Bad news | -0,00137862 | -0,04389111 | No news | -0,00270048 | 0,01229181  |
| 15          | Good news | -0,00125846 | 0,02737205  | Bad news | -0,00026965 | -0,04416076 | No news | -0,00310433 | 0,00918748  |
| 16          | Good news | 0,00219943  | 0,02957147  | Bad news | 0,00221310  | -0,04194766 | No news | -0,00086980 | 0,00831768  |
| 17          | Good news | -0,00270603 | 0,02686544  | Bad news | -0,00363069 | -0,04557836 | No news | -0,00000179 | 0,00831589  |
| 18          | Good news | 0,00223495  | 0,02910039  | Bad news | 0,00182383  | -0,04375453 | No news | -0,00096871 | 0,00734718  |
| 19          | Good news | -0,00062354 | 0,02847686  | Bad news | -0,00374863 | -0,04750315 | No news | -0,00008108 | 0,00726610  |
| 20          | Good news | 0,00237378  | 0,03085064  | Bad news | 0,00370810  | -0,04379505 | No news | -0,00015662 | 0,00710948  |
| 21          | Good news | -0,00053599 | 0,03031465  | Bad news | 0,00109021  | -0,04270483 | No news | -0,00269727 | 0,00441220  |
| 22          | Good news | -0,00028486 | 0,03002979  | Bad news | 0,00099696  | -0,04170788 | No news | -0,00094222 | 0,00346999  |
| 23          | Good news | 0,00049623  | 0,03052602  | Bad news | -0,00236465 | -0,04407252 | No news | 0,00191655  | 0,00538654  |
| 24          | Good news | -0,00260394 | 0,02792208  | Bad news | 0,00247488  | -0,04159764 | No news | 0,00271877  | 0,00810531  |
| 25          | Good news | -0,00025504 | 0,02766704  | Bad news | 0,00092657  | -0,04067107 | No news | -0,00125391 | 0,00685140  |
| 26          | Good news | 0,00157073  | 0,02609632  | Bad news | -0,00065905 | -0,04133012 | No news | -0,00009110 | 0,00676030  |
| 27          | Good news | 0,00087673  | 0,02697305  | Bad news | 0,00536007  | -0,03597005 | No news | -0,00280017 | 0,00396013  |
| 28          | Good news | 0,00078286  | 0,02775591  | Bad news | -0,00167468 | -0,03764473 | No news | -0,00312911 | 0,00083102  |
| 29          | Good news | 0,00094580  | 0,02870172  | Bad news | -0,00196166 | -0,03960639 | No news | -0,00305000 | -0,00221898 |
| 30          | Good news | 0,00115746  | 0,02985918  | Bad news | -0,00127256 | -0,04087895 | No news | 0,00106613  | -0,00115285 |
| 31          | Good news | -0,00041789 | 0,02944128  | Bad news | 0,00058001  | -0,04029894 | No news | -0,00020970 | -0,00136255 |
| 32          | Good news | -0,00065991 | 0,02878138  | Bad news | -0,00271741 | -0,04301635 | No news | -0,00118283 | -0,00254538 |
| 33          | Good news | 0,00021259  | 0,02899397  | Bad news | -0,00118775 | -0,04420410 | No news | 0,00275656  | 0,00021118  |
| 34          | Good news | -0,00134298 | 0,02765099  | Bad news | -0,00095219 | -0,04515629 | No news | -0,00200358 | -0,00179240 |
| 35          | Good news | 0,00081818  | 0,02846917  | Bad news | 0,00076243  | -0,04439386 | No news | -0,00223008 | -0,00422448 |
| 36          | Good news | 0,00223331  | 0,03070248  | Bad news | -0,00056770 | -0,04496155 | No news | -0,00019732 | -0,00421980 |
| 37          | Good news | -0,00148338 | 0,02921910  | Bad news | -0,00006189 | -0,04502345 | No news | -0,00427566 | -0,00849546 |
| 38          | Good news | 0,00120224  | 0,03042134  | Bad news | 0,00047181  | -0,04455164 | No news | 0,00243828  | -0,00605717 |
| 39          | Good news | -0,00065644 | 0,02976490  | Bad news | -0,00120487 | -0,04575651 | No news | 0,00249089  | -0,00356628 |
| 40          | Good news | 0,00073605  | 0,03050095  | Bad news | -0,00266313 | -0,04841964 | No news | -0,00073402 | -0,00430030 |
| 41          | Good news | 0,00177354  | 0,03227449  | Bad news | -0,00121297 | -0,04963260 | No news | 0,00020751  | -0,00409279 |
| 42          | Good news | -0,00162461 | 0,03064988  | Bad news | -0,00004348 | -0,04967608 | No news | -0,00040318 | -0,00449597 |
| 43          | Good news | 0,00016043  | 0,03081031  | Bad news | 0,00153018  | -0,04814590 | No news | -0,00109188 | -0,00558785 |
| 44          | Good news | 0,00141477  | 0,03222808  | Bad news | -0,00082137 | -0,04896727 | No news | 0,00171609  | -0,00387176 |
| 45          | Good news | 0,00020880  | 0,03243688  | Bad news | -0,00002956 | -0,04896963 | No news | -0,00120968 | -0,00508144 |
| 46          | Good news | 0,00226488  | 0,03470176  | Bad news | -0,00019283 | -0,04918965 | No news | -0,00060657 | -0,00568801 |
| 47          | Good news | -0,00087178 | 0,03382998  | Bad news | -0,00323143 | -0,05242109 | No news | -0,00077728 | -0,00646529 |
| 48          | Good news | -0,00082429 | 0,03300568  | Bad news | 0,00379035  | -0,04863073 | No news | 0,00091153  | -0,00555376 |
| 49          | Good news | 0,00266857  | 0,03567425  | Bad news | 0,00043388  | -0,04819685 | No news | 0,00015689  | -0,00539687 |
| 50          | Good news | 0,00290067  | 0,03857493  | Bad news | 0,00052173  | -0,04767512 | No news | -0,00022561 | -0,00562248 |
| 51          | Good news | -0,00042005 | 0,03815488  | Bad news | -0,00028625 | -0,04796137 | No news | -0,00218374 | -0,00780622 |
| 52          | Good news | 0,00214279  | 0,04029767  | Bad news | 0,00201999  | -0,04594138 | No news | 0,00167192  | -0,00613430 |
| 53          | Good news | -0,00085212 | 0,03944555  | Bad news | 0,00141068  | -0,04453070 | No news | -0,00016140 | -0,00629570 |
| 54          | Good news | 0,00320879  | 0,04265435  | Bad news | 0,00280816  | -0,04172254 | No news | 0,00341108  | -0,00288462 |
| 55          | Good news | 0,00072562  | 0,04337997  | Bad news | -0,00184460 | -0,04356714 | No news | -0,00092369 | -0,00380831 |
| 56          | Good news | 0,00118477  | 0,04456473  | Bad news | 0,00178500  | -0,04178215 | No news | 0,00137203  | -0,00243628 |
| 57          | Good news | -0,00012436 | 0,04444037  | Bad news | 0,00192494  | -0,03985721 | No news | 0,00236595  | -0,00007032 |
| 58          | Good news | -0,00015462 | 0,04428575  | Bad news | -0,00124157 | -0,04109878 | No news | -0,00368065 | -0,00375098 |
| 59          | Good news | -0,00035440 | 0,04393136  | Bad news | 0,00081845  | -0,04028033 | No news | 0,00088894  | -0,00286203 |
| 60          | Good news | -0,00282778 | 0,04110358  | Bad news | 0,00085882  | -0,03942151 | No news | -0,00227271 | -0,00513475 |

## Telecommunications - Model 5 (UE)

| Eventwindow | News      | AAR         | CAAR        | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|-------------|-------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | 0,00134065  | 0,00134065  | Bad news | -0,00269229 | -0,00269229 | No news | 0,00148860  | 0,00148860  |
| -14         | Good news | -0,00249140 | -0,00115074 | Bad news | -0,00153498 | -0,00422727 | No news | -0,00198040 | -0,00049180 |
| -13         | Good news | 0,00024225  | -0,00090849 | Bad news | -0,00136193 | -0,00558921 | No news | -0,00152712 | -0,00201892 |
| -12         | Good news | -0,00348762 | -0,00439612 | Bad news | 0,00033193  | -0,00525728 | No news | 0,00073415  | -0,00128477 |
| -11         | Good news | -0,00119967 | -0,00559579 | Bad news | -0,00296564 | -0,00822292 | No news | 0,00040551  | -0,00087926 |
| -10         | Good news | -0,00036480 | -0,00596059 | Bad news | 0,00062188  | -0,00760104 | No news | -0,00115006 | -0,00202931 |
| -9          | Good news | 0,00103483  | -0,00492575 | Bad news | -0,00148330 | -0,00908434 | No news | -0,00061762 | -0,00264693 |
| -8          | Good news | 0,00011799  | -0,00480777 | Bad news | 0,00239015  | -0,00669419 | No news | -0,00309686 | -0,00574379 |
| -7          | Good news | -0,00085123 | -0,00565900 | Bad news | 0,00009427  | -0,00659992 | No news | 0,00019867  | -0,00554513 |
| -6          | Good news | 0,00073173  | -0,00492726 | Bad news | -0,00059599 | -0,00719591 | No news | 0,00300034  | -0,00254478 |
| -5          | Good news | 0,00058448  | -0,00434278 | Bad news | -0,00334527 | -0,01054118 | No news | 0,00116387  | -0,00138091 |
| -4          | Good news | -0,00205514 | -0,00639792 | Bad news | 0,00078277  | -0,00975841 | No news | -0,00095715 | -0,00233806 |
| -3          | Good news | -0,00198549 | -0,00838341 | Bad news | 0,00257453  | -0,00718388 | No news | 0,00062005  | -0,00171802 |
| -2          | Good news | -0,00131320 | -0,00969661 | Bad news | 0,00091900  | -0,00626488 | No news | 0,00212788  | 0,00040986  |
| -1          | Good news | 0,00347658  | -0,00622004 | Bad news | 0,00277525  | -0,00348963 | No news | 0,00120350  | 0,00161336  |
| 0           | Good news | 0,00391302  | -0,00230702 | Bad news | -0,01110569 | -0,01459532 | No news | 0,00127323  | 0,00288660  |
| 1           | Good news | 0,00165714  | -0,00064988 | Bad news | -0,00152390 | -0,01611923 | No news | 0,00001946  | 0,00290606  |
| 2           | Good news | 0,00078145  | 0,00013157  | Bad news | -0,00262219 | -0,01874142 | No news | -0,00089853 | 0,00200753  |
| 3           | Good news | 0,00084310  | 0,00097467  | Bad news | 0,00311342  | -0,01562710 | No news | 0,00064089  | 0,00264841  |
| 4           | Good news | 0,00077217  | 0,00174684  | Bad news | -0,00139942 | -0,01702652 | No news | 0,00011458  | 0,00276299  |
| 5           | Good news | 0,00015229  | 0,00189914  | Bad news | 0,00175496  | -0,01527156 | No news | -0,00396117 | -0,00119817 |
| 6           | Good news | -0,00004825 | 0,00185089  | Bad news | 0,00169045  | -0,01358110 | No news | 0,00008483  | -0,00111334 |
| 7           | Good news | 0,00117428  | 0,00302516  | Bad news | 0,00044086  | -0,01314025 | No news | 0,00429210  | 0,00317876  |
| 8           | Good news | -0,00035085 | 0,00267431  | Bad news | -0,00031453 | -0,01345477 | No news | 0,00135114  | 0,00452990  |
| 9           | Good news | -0,00026245 | 0,00241186  | Bad news | 0,00076669  | -0,01268808 | No news | -0,00048901 | 0,00404089  |
| 10          | Good news | 0,00025432  | 0,00266618  | Bad news | 0,00021802  | -0,01247006 | No news | -0,00007321 | 0,00396767  |
| 11          | Good news | 0,00010248  | 0,00276866  | Bad news | -0,00201170 | -0,01448176 | No news | 0,00225264  | 0,00622031  |
| 12          | Good news | -0,00330374 | -0,00056208 | Bad news | -0,00199123 | -0,01647298 | No news | -0,00057581 | 0,00564450  |
| 13          | Good news | -0,00277819 | -0,00334027 | Bad news | 0,00068254  | -0,01579044 | No news | -0,00121319 | 0,00443131  |
| 14          | Good news | -0,00172160 | -0,00506186 | Bad news | 0,00066771  | -0,01512273 | No news | -0,00265025 | 0,00178106  |
| 15          | Good news | 0,00049752  | -0,00456435 | Bad news | -0,00002515 | -0,01514788 | No news | 0,00162770  | 0,00340875  |
| 16          | Good news | -0,00104982 | -0,00561416 | Bad news | 0,00159270  | -0,01355517 | No news | 0,00011517  | 0,00352393  |
| 17          | Good news | 0,00144414  | -0,00417002 | Bad news | -0,00001547 | -0,01357064 | No news | -0,00150671 | 0,00201722  |
| 18          | Good news | -0,00135789 | -0,00552791 | Bad news | 0,00155394  | -0,01201670 | No news | 0,00215483  | 0,00417204  |
| 19          | Good news | 0,00244706  | -0,00308085 | Bad news | 0,00189011  | -0,01012659 | No news | -0,00017902 | 0,00399302  |
| 20          | Good news | -0,00090390 | -0,00398475 | Bad news | -0,00449323 | -0,01461982 | No news | -0,00197285 | 0,00220017  |
| 21          | Good news | -0,00523840 | -0,00922315 | Bad news | 0,00061383  | -0,01400599 | No news | 0,00154234  | 0,00374250  |
| 22          | Good news | 0,00355572  | -0,00566742 | Bad news | 0,00063581  | -0,01337018 | No news | 0,00185278  | 0,00559529  |
| 23          | Good news | -0,00151899 | -0,00718641 | Bad news | -0,00163172 | -0,01500190 | No news | -0,00307289 | 0,00252240  |
| 24          | Good news | -0,00138614 | -0,00857255 | Bad news | 0,00132368  | -0,01367822 | No news | -0,00393544 | -0,00141304 |
| 25          | Good news | 0,00198912  | -0,00658343 | Bad news | -0,00070013 | -0,01437835 | No news | -0,00086952 | -0,00228256 |
| 26          | Good news | -0,00405701 | -0,01064043 | Bad news | 0,00233594  | -0,01204240 | No news | -0,00180423 | -0,00408680 |
| 27          | Good news | -0,00079105 | -0,01143148 | Bad news | -0,00041918 | -0,01246158 | No news | -0,00138590 | -0,00547270 |
| 28          | Good news | 0,00159394  | -0,00983754 | Bad news | -0,00010116 | -0,01256275 | No news | -0,00113577 | -0,00660847 |
| 29          | Good news | 0,00034955  | -0,00948799 | Bad news | 0,00169665  | -0,01086610 | No news | 0,00057604  | -0,00603244 |
| 30          | Good news | 0,00076568  | -0,00872231 | Bad news | 0,00137466  | -0,00949144 | No news | 0,00170500  | -0,00432744 |
| 31          | Good news | -0,00034430 | -0,00906661 | Bad news | 0,00365224  | -0,00583920 | No news | -0,00040879 | -0,00473623 |
| 32          | Good news | -0,00121148 | -0,01027809 | Bad news | 0,00100510  | -0,00483410 | No news | -0,00113333 | -0,00586956 |
| 33          | Good news | 0,00088874  | -0,00938935 | Bad news | -0,00047542 | -0,00530953 | No news | 0,00258622  | -0,00328334 |
| 34          | Good news | -0,00046218 | -0,00985153 | Bad news | -0,00061128 | -0,00592080 | No news | -0,00552755 | -0,00881089 |
| 35          | Good news | 0,00253401  | -0,00731752 | Bad news | -0,00044254 | -0,00636334 | No news | 0,00080442  | -0,00800647 |
| 36          | Good news | 0,00293334  | -0,00438419 | Bad news | 0,00192556  | -0,00443778 | No news | -0,00068212 | -0,00868859 |
| 37          | Good news | -0,00055224 | -0,00493642 | Bad news | 0,00092999  | -0,00350779 | No news | -0,00044188 | -0,00913048 |
| 38          | Good news | 0,00069102  | -0,00424540 | Bad news | -0,00131034 | -0,00481813 | No news | 0,00224672  | -0,00688376 |
| 39          | Good news | -0,00106743 | -0,00531284 | Bad news | -0,00012868 | -0,00494681 | No news | -0,00087224 | -0,00775600 |
| 40          | Good news | -0,00145845 | -0,00677129 | Bad news | 0,00296100  | -0,00198580 | No news | -0,00483352 | -0,01258952 |
| 41          | Good news | -0,00078875 | -0,00756004 | Bad news | -0,00180669 | -0,00379249 | No news | -0,00141884 | -0,01400836 |
| 42          | Good news | 0,00087520  | -0,00668484 | Bad news | -0,00025153 | -0,00404402 | No news | -0,00153027 | -0,01553862 |
| 43          | Good news | 0,00301636  | -0,00366848 | Bad news | 0,00198675  | -0,00205727 | No news | 0,00048823  | -0,01505039 |
| 44          | Good news | 0,00087273  | -0,00279575 | Bad news | 0,00031638  | -0,00174089 | No news | -0,00147925 | -0,01652965 |
| 45          | Good news | -0,00199555 | -0,00479129 | Bad news | -0,00181761 | -0,00355849 | No news | -0,00025342 | -0,01678306 |
| 46          | Good news | 0,00054200  | -0,00424929 | Bad news | 0,00072858  | -0,00289922 | No news | -0,00282517 | -0,01960823 |
| 47          | Good news | 0,001022243 | -0,00322686 | Bad news | -0,00120671 | -0,00403662 | No news | -0,00097280 | -0,02058103 |
| 48          | Good news | 0,00094603  | -0,00228083 | Bad news | -0,00071969 | -0,00475631 | No news | -0,00007251 | -0,02065355 |
| 49          | Good news | 0,00313055  | 0,00084972  | Bad news | 0,00119142  | -0,00356489 | No news | 0,00155658  | -0,01909697 |
| 50          | Good news | -0,00437087 | -0,00352115 | Bad news | -0,00024042 | -0,00380531 | No news | 0,00291228  | -0,01618469 |
| 51          | Good news | -0,00009208 | -0,00361323 | Bad news | 0,00355785  | -0,00024746 | No news | 0,00172461  | -0,01446008 |
| 52          | Good news | -0,00341351 | -0,00702674 | Bad news | 0,00129165  | -0,00104419 | No news | 0,00162100  | -0,01283908 |
| 53          | Good news | -0,00278080 | -0,00980754 | Bad news | -0,00155011 | -0,00050593 | No news | 0,00073296  | -0,01210612 |
| 54          | Good news | 0,00318565  | -0,00662190 | Bad news | 0,00233567  | 0,00182974  | No news | -0,00070046 | -0,01280658 |
| 55          | Good news | -0,00495268 | -0,01157458 | Bad news | -0,00023038 | 0,00159936  | No news | -0,00033788 | -0,01314445 |
| 56          | Good news | 0,00134856  | -0,01022602 | Bad news | 0,00206953  | 0,00366889  | No news | -0,00061093 | -0,01375538 |
| 57          | Good news | 0,00072552  | -0,00950050 | Bad news | 0,00221484  | 0,00588373  | No news | 0,00175517  | -0,01200021 |
| 58          | Good news | -0,00094319 | -0,01044369 | Bad news | 0,00152057  | 0,00740431  | No news | 0,00143835  | -0,01056187 |
| 59          | Good news | 0,00235798  | -0,00808571 | Bad news | -0,00102997 | 0,00637433  | No news | -0,00197555 | -0,01253742 |
| 60          | Good news | -0,00313116 | -0,01121687 | Bad news | -0,00026577 | 0,00610857  | No news | -0,00198066 | -0,01451808 |

## Utilities - Model 5 (UE)

| Eventwindow | News      | AAR         | CAAR        | News     | AAR         | CAAR        | News    | AAR         | CAAR        |
|-------------|-----------|-------------|-------------|----------|-------------|-------------|---------|-------------|-------------|
| -15         | Good news | -0,00231786 | -0,00231786 | Bad news | 0,00109948  | 0,00109948  | No news | 0,00227362  | 0,00227362  |
| -14         | Good news | -0,00473479 | -0,00705264 | Bad news | 0,00093300  | 0,00203248  | No news | -0,05605005 | -0,05377643 |
| -13         | Good news | 0,00923772  | 0,00218508  | Bad news | 0,00471212  | 0,00674460  | No news | 0,04060141  | -0,01317502 |
| -12         | Good news | 0,01004821  | 0,01223329  | Bad news | 0,00112852  | 0,00787312  | No news | -0,00082107 | -0,01399609 |
| -11         | Good news | 0,00953899  | 0,02177228  | Bad news | 0,00072196  | 0,00859508  | No news | 0,00200759  | -0,01198850 |
| -10         | Good news | 0,00501153  | 0,02678381  | Bad news | -0,00219484 | 0,00640024  | No news | -0,00169791 | -0,01368641 |
| -9          | Good news | 0,01562536  | 0,04240917  | Bad news | 0,00283478  | 0,00923501  | No news | 0,00518468  | -0,00850173 |
| -8          | Good news | 0,00991385  | 0,05232302  | Bad news | -0,00227493 | 0,00696009  | No news | -0,00428364 | -0,01278537 |
| -7          | Good news | -0,00089792 | 0,05142510  | Bad news | 0,00021799  | 0,00717807  | No news | -0,01445165 | -0,02723701 |
| -6          | Good news | 0,00579545  | 0,05722054  | Bad news | -0,00450743 | 0,00267064  | No news | 0,02164114  | -0,00559587 |
| -5          | Good news | -0,00541881 | 0,05180173  | Bad news | -0,00215381 | 0,00051683  | No news | -0,01334242 | -0,01893829 |
| -4          | Good news | -0,00637137 | 0,04543036  | Bad news | -0,00124665 | -0,00072982 | No news | 0,00067239  | -0,01826590 |
| -3          | Good news | -0,00011094 | 0,04531942  | Bad news | 0,00493105  | 0,00420123  | No news | -0,00138481 | -0,01965072 |
| -2          | Good news | 0,00482437  | 0,05014379  | Bad news | 0,00054788  | 0,00474911  | No news | -0,01438223 | -0,03403294 |
| -1          | Good news | 0,00556392  | 0,05570771  | Bad news | -0,00406723 | 0,00068189  | No news | 0,01390304  | -0,02012990 |
| 0           | Good news | -0,00928206 | 0,04642565  | Bad news | 0,00794493  | 0,00862682  | No news | 0,00822684  | -0,01190305 |
| 1           | Good news | 0,00167299  | 0,04809864  | Bad news | -0,00775518 | 0,00087164  | No news | -0,00614325 | -0,01804630 |
| 2           | Good news | -0,00354370 | 0,04455494  | Bad news | -0,00216104 | -0,00128941 | No news | -0,01898416 | -0,03703046 |
| 3           | Good news | 0,00327514  | 0,04783008  | Bad news | -0,00130523 | -0,00259464 | No news | 0,00915493  | -0,02787553 |
| 4           | Good news | -0,00435890 | 0,04347119  | Bad news | -0,00040779 | -0,00300243 | No news | -0,08747316 | -0,11534869 |
| 5           | Good news | -0,00469897 | 0,03877221  | Bad news | -0,00002215 | -0,00302458 | No news | 0,00263591  | -0,11271279 |
| 6           | Good news | 0,00181524  | 0,04058745  | Bad news | -0,00035728 | -0,00338186 | No news | 0,08971551  | -0,02299727 |
| 7           | Good news | -0,00338146 | 0,03720599  | Bad news | 0,00210366  | -0,00127819 | No news | -0,00118364 | -0,02418091 |
| 8           | Good news | -0,00203373 | 0,03517225  | Bad news | -0,00109224 | -0,00237043 | No news | 0,01628854  | -0,00789237 |
| 9           | Good news | 0,00627910  | 0,04145136  | Bad news | -0,00421974 | -0,00659017 | No news | 0,00004019  | -0,00785218 |
| 10          | Good news | 0,00017942  | 0,04163077  | Bad news | -0,00152817 | -0,00811834 | No news | -0,00248480 | -0,01033698 |
| 11          | Good news | -0,00220204 | 0,03942874  | Bad news | -0,00460239 | -0,01272073 | No news | 0,00484715  | -0,00548983 |
| 12          | Good news | -0,01140213 | 0,02802661  | Bad news | -0,00309114 | -0,01581187 | No news | -0,00230840 | -0,00779823 |
| 13          | Good news | -0,01128830 | 0,01673831  | Bad news | -0,00400373 | -0,01981560 | No news | -0,00383755 | -0,01163578 |
| 14          | Good news | -0,00253655 | 0,01420176  | Bad news | 0,00516236  | -0,01465325 | No news | -0,00715608 | -0,01879186 |
| 15          | Good news | -0,00434331 | 0,00985845  | Bad news | -0,00079631 | -0,01544956 | No news | 0,00994076  | -0,00885111 |
| 16          | Good news | 0,00103772  | 0,01089617  | Bad news | 0,00034653  | -0,01510303 | No news | -0,00570959 | -0,01456070 |
| 17          | Good news | 0,00778520  | 0,01868138  | Bad news | 0,00032404  | -0,01477899 | No news | -0,00560522 | -0,02016592 |
| 18          | Good news | 0,000668865 | 0,01937003  | Bad news | -0,00192005 | -0,01669904 | No news | 0,01037828  | -0,00978764 |
| 19          | Good news | -0,00399913 | 0,01537090  | Bad news | 0,00114022  | -0,01555882 | No news | -0,00833619 | -0,01812383 |
| 20          | Good news | 0,00375693  | 0,01912783  | Bad news | 0,00497414  | -0,01058469 | No news | -0,00489014 | -0,02301397 |
| 21          | Good news | 0,000002482 | 0,01915265  | Bad news | -0,00280311 | -0,01338780 | No news | 0,00599930  | -0,01701468 |
| 22          | Good news | 0,00090395  | 0,02005659  | Bad news | -0,00506413 | -0,01845193 | No news | -0,00141613 | -0,01843081 |
| 23          | Good news | -0,00136292 | 0,01869367  | Bad news | 0,00234088  | -0,01611105 | No news | 0,00762567  | -0,01080514 |
| 24          | Good news | 0,00795087  | 0,02664454  | Bad news | -0,00226895 | -0,01838000 | No news | -0,00176608 | -0,01257122 |
| 25          | Good news | -0,00631205 | 0,02033249  | Bad news | -0,00480375 | -0,02318375 | No news | -0,01498118 | -0,02755240 |
| 26          | Good news | 0,00550538  | 0,02583787  | Bad news | 0,00510948  | -0,01807426 | No news | -0,01591274 | -0,04346514 |
| 27          | Good news | 0,01209784  | 0,03793570  | Bad news | 0,00046905  | -0,01760522 | No news | 0,00728825  | -0,03617689 |
| 28          | Good news | 0,00200288  | 0,03993858  | Bad news | 0,00247456  | -0,01513066 | No news | 0,00603107  | -0,03014582 |
| 29          | Good news | -0,00694939 | 0,03298919  | Bad news | -0,00195686 | -0,01708751 | No news | -0,00066579 | -0,03081161 |
| 30          | Good news | 0,00367976  | 0,03666896  | Bad news | -0,00294765 | -0,02003516 | No news | 0,00837515  | -0,02243646 |
| 31          | Good news | -0,00250149 | 0,03416746  | Bad news | 0,00419769  | -0,01583747 | No news | -0,01294667 | -0,03538313 |
| 32          | Good news | 0,00360370  | 0,03777117  | Bad news | -0,00266275 | -0,01850022 | No news | -0,00481431 | -0,04019744 |
| 33          | Good news | -0,00429201 | 0,03347915  | Bad news | 0,00248513  | -0,01601508 | No news | 0,00317607  | -0,03702137 |
| 34          | Good news | -0,00290298 | 0,03057618  | Bad news | 0,00285217  | -0,01316291 | No news | 0,00598556  | -0,03103581 |
| 35          | Good news | 0,01246547  | 0,04304165  | Bad news | 0,00242748  | -0,01073543 | No news | 0,00719680  | -0,02383901 |
| 36          | Good news | -0,00586753 | 0,03717412  | Bad news | 0,00563391  | -0,00510151 | No news | -0,00363843 | -0,02747743 |
| 37          | Good news | -0,00373796 | 0,03343616  | Bad news | 0,00246721  | -0,00263431 | No news | 0,00032790  | -0,02714953 |
| 38          | Good news | 0,00865228  | 0,04208844  | Bad news | 0,00030529  | -0,00232902 | No news | 0,00117021  | -0,02597933 |
| 39          | Good news | 0,00351786  | 0,04560630  | Bad news | -0,00200538 | -0,00433440 | No news | 0,00419258  | -0,02178674 |
| 40          | Good news | -0,00730366 | 0,03830263  | Bad news | -0,00421314 | -0,00854754 | No news | -0,00030186 | -0,02208861 |
| 41          | Good news | 0,00446653  | 0,04276916  | Bad news | 0,00093511  | -0,00761243 | No news | -0,00063096 | -0,02271957 |
| 42          | Good news | -0,00380572 | 0,03896344  | Bad news | -0,00046820 | -0,00808063 | No news | -0,00067950 | -0,02339907 |
| 43          | Good news | -0,00113026 | 0,03783318  | Bad news | -0,00221921 | -0,01029984 | No news | -0,00283088 | -0,02622995 |
| 44          | Good news | 0,00306561  | 0,04089879  | Bad news | -0,00242677 | -0,01272661 | No news | -0,00513735 | -0,03136730 |
| 45          | Good news | -0,00300538 | 0,03789341  | Bad news | -0,00144255 | -0,01416917 | No news | -0,00257753 | -0,03394483 |
| 46          | Good news | -0,00051297 | 0,03738044  | Bad news | 0,00148992  | -0,01267924 | No news | -0,00878231 | -0,04272714 |
| 47          | Good news | -0,00232322 | 0,03505722  | Bad news | 0,00372467  | -0,00895457 | No news | 0,00274665  | -0,03998048 |
| 48          | Good news | 0,00332308  | 0,03838029  | Bad news | -0,00526400 | -0,01421857 | No news | -0,00894576 | -0,04892624 |
| 49          | Good news | 0,00643768  | 0,04481798  | Bad news | 0,00587199  | -0,00834658 | No news | -0,01552371 | -0,06444995 |
| 50          | Good news | 0,01038568  | 0,05520366  | Bad news | 0,00449813  | -0,00384844 | No news | -0,00795004 | -0,07239999 |
| 51          | Good news | 0,00358943  | 0,05879309  | Bad news | -0,00679043 | -0,01063887 | No news | 0,00415226  | -0,06824773 |
| 52          | Good news | 0,00967255  | 0,06846564  | Bad news | 0,00170931  | -0,00892956 | No news | -0,00358926 | -0,07183699 |
| 53          | Good news | -0,00517894 | 0,06328670  | Bad news | -0,00068517 | -0,00961473 | No news | 0,01268315  | -0,05915384 |
| 54          | Good news | 0,00532531  | 0,06861201  | Bad news | -0,00478891 | -0,01440364 | No news | -0,00879160 | -0,06794544 |
| 55          | Good news | -0,00465786 | 0,06395415  | Bad news | 0,00395364  | -0,01045000 | No news | -0,01336353 | -0,08130897 |
| 56          | Good news | 0,00030313  | 0,06425728  | Bad news | 0,00295458  | -0,00749542 | No news | -0,00077389 | -0,08208286 |
| 57          | Good news | -0,00044617 | 0,06381111  | Bad news | -0,00059136 | -0,00808678 | No news | 0,01876064  | -0,06332222 |
| 58          | Good news | -0,00825236 | 0,05555874  | Bad news | -0,00493410 | -0,01302087 | No news | 0,00304707  | -0,06027515 |
| 59          | Good news | 0,00316643  | 0,05872518  | Bad news | 0,00383114  | -0,00918974 | No news | -0,00292283 | -0,06319797 |
| 60          | Good news | -0,00839898 | 0,05032620  | Bad news | 0,00173852  | -0,00745122 | No news | 0,00051334  | -0,06268464 |

High market capitalization

| Eventwindow | News      | AAR          | CAAR         | News     | AAR          | CAAR         | News    | AAR          | CAAR         |
|-------------|-----------|--------------|--------------|----------|--------------|--------------|---------|--------------|--------------|
| -15         | Good news | -0,000311321 | -0,000311321 | Bad news | 0,000236323  | 0,000236323  | No news | -0,000845004 | -0,000845004 |
| -14         | Good news | 0,00012836   | -0,000182961 | Bad news | 0,000470514  | 0,000706837  | No news | -0,00023986  | -0,001084864 |
| -13         | Good news | 0,000253236  | 7,03E-05     | Bad news | -0,000602549 | 0,000104288  | No news | -5,21E-05    | -0,001136948 |
| -12         | Good news | 0,000190906  | 0,000261181  | Bad news | -0,000347508 | -0,00024322  | No news | -0,000402912 | -0,00153986  |
| -11         | Good news | -0,00031997  | -5,88E-05    | Bad news | 0,000650982  | 0,000407763  | No news | -2,14E-05    | -0,001561254 |
| -10         | Good news | 0,000449283  | 0,000390494  | Bad news | -8,28E-05    | 0,000324978  | No news | 0,000244222  | -0,001317032 |
| -9          | Good news | 0,000728784  | 0,001119278  | Bad news | -0,000404866 | -7,99E-05    | No news | -0,001429117 | -0,002746149 |
| -8          | Good news | -0,000152516 | 0,000966762  | Bad news | 0,000152365  | 7,25E-05     | No news | -0,000135409 | -0,002881558 |
| -7          | Good news | 0,000845956  | 0,001812719  | Bad news | -0,00045559  | -0,000383113 | No news | 0,000278535  | -0,002603023 |
| -6          | Good news | 0,000179284  | 0,001992003  | Bad news | -1,14E-05    | -0,000394493 | No news | 9,44E-05     | -0,002508595 |
| -5          | Good news | 0,000444437  | 0,00243644   | Bad news | -0,00111606  | -0,001510552 | No news | -0,00050168  | -0,003010275 |
| -4          | Good news | -0,000717431 | 0,001719009  | Bad news | 0,000251738  | -0,001258815 | No news | 0,00043831   | -0,002571966 |
| -3          | Good news | 0,000302507  | 0,002021515  | Bad news | 0,000743633  | -0,000515182 | No news | 9,09E-06     | -0,002562877 |
| -2          | Good news | -0,000346641 | 0,001674874  | Bad news | -0,001560471 | -0,002075653 | No news | 0,000631699  | -0,001931178 |
| -1          | Good news | 0,00170635   | 0,003381224  | Bad news | 0,000634331  | -0,001441322 | No news | 0,000390509  | -0,001540669 |
| 0           | Good news | 0,008854519  | 0,0122353414 | Bad news | -0,008664865 | -0,010106187 | No news | 0,003347065  | 0,001806396  |
| 1           | Good news | 0,000685704  | 0,012921118  | Bad news | -0,002329161 | -0,012435348 | No news | 0,000866548  | 0,002672944  |
| 2           | Good news | 0,001544653  | 0,01446577   | Bad news | -0,000108186 | -0,012543534 | No news | 0,000212785  | 0,002885729  |
| 3           | Good news | 0,000822646  | 0,015288416  | Bad news | 0,000942239  | -0,011601295 | No news | 0,000187925  | 0,003073654  |
| 4           | Good news | -0,000381499 | 0,014906917  | Bad news | -0,000334368 | -0,011935663 | No news | 0,000882441  | 0,003956095  |
| 5           | Good news | 0,000513654  | 0,015420571  | Bad news | 0,000118079  | -0,011817584 | No news | -0,001366199 | 0,002589896  |
| 6           | Good news | -0,000238868 | 0,015181885  | Bad news | -0,001392708 | -0,013210292 | No news | 0,000703494  | 0,00329339   |
| 7           | Good news | 0,001053902  | 0,016235787  | Bad news | -0,001127365 | -0,014337657 | No news | 6,58E-05     | 0,003359167  |
| 8           | Good news | -0,000788697 | 0,01544709   | Bad news | 0,000133684  | -0,014203972 | No news | 0,000511854  | 0,003871021  |
| 9           | Good news | -0,000609062 | 0,014838027  | Bad news | 0,000650307  | -0,013553665 | No news | 0,000198086  | 0,004069107  |
| 10          | Good news | -0,000457131 | 0,014380897  | Bad news | -0,001124182 | -0,014677847 | No news | -0,00064115  | 0,003427957  |
| 11          | Good news | -1,05E-05    | 0,014370443  | Bad news | -0,000509149 | -0,015186996 | No news | 0,000409772  | 0,003837729  |
| 12          | Good news | 0,000205154  | 0,014575597  | Bad news | -0,000822151 | -0,016009147 | No news | 0,000388122  | 0,004225851  |
| 13          | Good news | -0,000219695 | 0,014355902  | Bad news | 0,000158567  | -0,015850581 | No news | -3,57E-05    | 0,004190183  |
| 14          | Good news | -0,000375016 | 0,013980886  | Bad news | -0,000982509 | -0,016833089 | No news | -0,00102703  | 0,003163153  |
| 15          | Good news | -0,000385762 | 0,013595124  | Bad news | -0,000459967 | -0,017293056 | No news | -0,000324768 | 0,002838384  |
| 16          | Good news | 0,000436308  | 0,014031432  | Bad news | 0,000141619  | -0,017151437 | No news | 0,001239495  | 0,00407788   |
| 17          | Good news | -0,000507806 | 0,013523626  | Bad news | -4,78E-05    | -0,017199245 | No news | -0,000429913 | 0,003647967  |
| 18          | Good news | -0,001721618 | 0,011802008  | Bad news | 0,000612384  | -0,016586861 | No news | -0,000870419 | 0,002777548  |
| 19          | Good news | -0,000113576 | 0,011688432  | Bad news | -0,000288001 | -0,016874863 | No news | -0,000805564 | 0,001971984  |
| 20          | Good news | -0,000602306 | 0,011086125  | Bad news | 0,000760948  | -0,016113915 | No news | -0,000349043 | 0,001622941  |
| 21          | Good news | -0,000294651 | 0,010791475  | Bad news | -0,000436221 | -0,016550136 | No news | -0,00105416  | 0,000568781  |
| 22          | Good news | 4,54E-05     | 0,010836853  | Bad news | -3,61E-05    | -0,016586218 | No news | -0,000128398 | 0,000440382  |
| 23          | Good news | -0,000935831 | 0,009901022  | Bad news | 0,000145984  | -0,016440234 | No news | 0,000472687  | 0,000913069  |
| 24          | Good news | 0,000287742  | 0,010188764  | Bad news | 0,000177778  | -0,016262456 | No news | -0,0007279   | 0,000185168  |
| 25          | Good news | -0,000486513 | 0,009702251  | Bad news | 0,00072091   | -0,015541546 | No news | 0,000131348  | 0,000316517  |
| 26          | Good news | 0,00077701   | 0,010479261  | Bad news | -0,000595927 | -0,01614113  | No news | -0,000437582 | -0,000121065 |
| 27          | Good news | 0,000131306  | 0,010610567  | Bad news | 0,000332435  | -0,015808695 | No news | -0,000569263 | -0,000690328 |
| 28          | Good news | -0,001300164 | 0,009310403  | Bad news | -0,000208497 | -0,016017192 | No news | 1,38E-05     | -0,000676553 |
| 29          | Good news | -0,000454941 | 0,008855462  | Bad news | -0,000396687 | -0,016413879 | No news | -0,000472961 | -0,001149514 |
| 30          | Good news | 0,000814382  | 0,009669843  | Bad news | 0,000107349  | -0,01630653  | No news | 0,000208598  | -0,000940915 |
| 31          | Good news | -0,000177637 | 0,009492207  | Bad news | -0,000295271 | -0,016601801 | No news | -0,000527164 | -0,001468079 |
| 32          | Good news | -0,000220317 | 0,009271889  | Bad news | -0,000359173 | -0,016960974 | No news | 0,000112881  | -0,001355198 |
| 33          | Good news | -0,000509777 | 0,008762112  | Bad news | -8,90E-05    | -0,017049974 | No news | 0,000126341  | -0,001228858 |
| 34          | Good news | 0,000876747  | 0,009638859  | Bad news | 0,000252883  | -0,01679709  | No news | -0,00082313  | -0,002051988 |
| 35          | Good news | 0,001082448  | 0,010721307  | Bad news | 0,000666443  | -0,016130647 | No news | 0,000703896  | -0,001348092 |
| 36          | Good news | -0,00030188  | 0,010419427  | Bad news | 0,000124022  | -0,016006625 | No news | -0,000187014 | -0,001535106 |
| 37          | Good news | 0,000489519  | 0,010908946  | Bad news | -0,001182384 | -0,017189009 | No news | -0,001013403 | -0,002548509 |
| 38          | Good news | -0,000494484 | 0,010414462  | Bad news | -0,001083242 | -0,018272252 | No news | -0,000283859 | -0,002832368 |
| 39          | Good news | 0,000573737  | 0,010988199  | Bad news | 0,000720802  | -0,017551455 | No news | 0,000496908  | -0,00233546  |
| 40          | Good news | 0,000295379  | 0,011283578  | Bad news | 0,000689087  | -0,016862363 | No news | -0,000660041 | -0,002995501 |
| 41          | Good news | 0,000362538  | 0,011646116  | Bad news | 9,46E-05     | -0,016767737 | No news | -0,000299225 | -0,003294726 |
| 42          | Good news | -0,000235505 | 0,011410611  | Bad news | -0,000240238 | -0,017007975 | No news | -0,000802357 | -0,004097083 |
| 43          | Good news | 0,00010078   | 0,011511391  | Bad news | 0,000815757  | -0,016192218 | No news | -0,000122118 | -0,0042192   |
| 44          | Good news | 2,97E-05     | 0,011541043  | Bad news | 0,001064799  | -0,015127419 | No news | -7,19E-05    | -0,004291072 |
| 45          | Good news | -0,000369585 | 0,011171458  | Bad news | -0,000484677 | -0,015612096 | No news | -0,001105833 | -0,005396905 |
| 46          | Good news | -0,000467819 | 0,010703639  | Bad news | -0,000326975 | -0,015939071 | No news | -0,000375141 | -0,005772046 |
| 47          | Good news | 0,000818657  | 0,011522296  | Bad news | -1,73E-05    | -0,015956362 | No news | -0,000262118 | -0,006034164 |
| 48          | Good news | -0,00018746  | 0,011334836  | Bad news | 0,000721634  | -0,015234729 | No news | -0,000697852 | -0,006732017 |
| 49          | Good news | -0,000781966 | 0,01055287   | Bad news | 0,001221663  | -0,014013066 | No news | -0,000958819 | -0,007690835 |
| 50          | Good news | -8,20E-05    | 0,010470917  | Bad news | 0,000565468  | -0,013447598 | No news | -0,000841427 | -0,008532262 |
| 51          | Good news | -2,57E-06    | 0,010468344  | Bad news | 0,000109988  | -0,01333761  | No news | 0,000924739  | -0,007607524 |
| 52          | Good news | -2,82E-05    | 0,010440155  | Bad news | 0,000109294  | -0,013228316 | No news | 9,51E-05     | -0,007512392 |
| 53          | Good news | -0,000649979 | 0,009790177  | Bad news | -0,000740575 | -0,013968891 | No news | 0,001025319  | -0,006487073 |
| 54          | Good news | 7,90E-05     | 0,009869169  | Bad news | 0,000973694  | -0,012995197 | No news | -0,000116208 | -0,006603281 |
| 55          | Good news | 0,000113079  | 0,009982249  | Bad news | 0,001646319  | -0,011348878 | No news | 0,000100206  | -0,006503075 |
| 56          | Good news | 0,000434187  | 0,010416435  | Bad news | 0,000117528  | -0,01123135  | No news | -0,000341233 | -0,006844308 |
| 57          | Good news | -0,00077161  | 0,009644825  | Bad news | -8,10E-05    | -0,01131232  | No news | 0,00052436   | -0,006319948 |
| 58          | Good news | -0,000309142 | 0,009335684  | Bad news | -9,66E-05    | -0,011408909 | No news | -0,000675089 | -0,006995037 |
| 59          | Good news | 0,0010556    | 0,010391284  | Bad news | -0,000516559 | -0,011925468 | No news | -0,000370449 | -0,007365487 |
| 60          | Good news | 0,000259899  | 0,010651183  | Bad news | -0,000164869 | -0,012090336 | No news | -0,000962989 | -0,008328475 |

Medium market capitalization

| Eventwindow | News      | AAR           | CAAR         | News     | AAR          | CAAR         | News    | AAR          | CAAR         |
|-------------|-----------|---------------|--------------|----------|--------------|--------------|---------|--------------|--------------|
| -15         | Good news | 6,79E-05      | 6,79E-05     | Bad news | -0,000703542 | -0,000703542 | No news | 0,000541827  | 0,000541827  |
| -14         | Good news | -0,000372547  | -0,000304654 | Bad news | -0,001869131 | -0,002572673 | No news | 0,001065902  | 0,00160773   |
| -13         | Good news | 0,000632473   | 0,000327819  | Bad news | 0,000246287  | -0,002326386 | No news | -0,001464952 | 0,000142777  |
| -12         | Good news | -0,00090844   | -0,000580621 | Bad news | -0,001928087 | -0,004254473 | No news | -0,001713408 | -0,001570631 |
| -11         | Good news | -1,04E-05     | -0,000590972 | Bad news | -0,00173847  | -0,005992942 | No news | -8,10E-05    | -0,001651659 |
| -10         | Good news | 0,001579655   | 0,000988683  | Bad news | 0,000865879  | -0,005127063 | No news | 0,000794772  | -0,000856888 |
| -9          | Good news | -0,000162522  | 0,000826161  | Bad news | 0,000673682  | -0,004453381 | No news | 0,000159794  | -0,000697093 |
| -8          | Good news | 0,00092622    | 0,001752381  | Bad news | -0,00037474  | -0,004828121 | No news | 0,000833998  | 0,000136905  |
| -7          | Good news | -0,000380909  | 0,001371472  | Bad news | -0,001074128 | -0,005902249 | No news | -0,002736922 | -0,002600017 |
| -6          | Good news | 0,000390195   | 0,001761666  | Bad news | -0,001977864 | -0,007880113 | No news | 0,001722734  | -0,000877283 |
| -5          | Good news | 0,000432125   | 0,002193791  | Bad news | 0,000322734  | -0,007557379 | No news | 0,000613718  | -0,000263565 |
| -4          | Good news | 0,001953036   | 0,004146827  | Bad news | -0,001287468 | -0,008844847 | No news | 0,00175331   | 0,001489745  |
| -3          | Good news | 0,001964321   | 0,006111148  | Bad news | 0,00032923   | -0,008515616 | No news | 0,002695313  | 0,004185058  |
| -2          | Good news | 0,000704772   | 0,00681592   | Bad news | 0,000218824  | -0,008296793 | No news | 0,001279312  | 0,00546437   |
| -1          | Good news | 0,004777725   | 0,011593646  | Bad news | 0,003387048  | -0,004909744 | No news | 0,003032939  | 0,008497309  |
| 0           | Good news | 0,008408761   | 0,020002407  | Bad news | -0,020428908 | -0,025338653 | No news | -0,001781693 | 0,006715617  |
| 1           | Good news | -0,001124281  | 0,018878125  | Bad news | -0,002211781 | -0,027550433 | No news | -0,002195392 | 0,004520225  |
| 2           | Good news | -0,00083962   | 0,018038505  | Bad news | -0,002112845 | -0,029663278 | No news | -0,001406346 | 0,003113878  |
| 3           | Good news | 0,001197197   | 0,019235703  | Bad news | -0,000377542 | -0,03004082  | No news | -0,00028581  | 0,002828069  |
| 4           | Good news | -0,002037852  | 0,017197851  | Bad news | -3,40E-06    | -0,030044224 | No news | -0,0020737   | 0,000754369  |
| 5           | Good news | 0,001108121   | 0,018305971  | Bad news | -0,000465482 | -0,030509706 | No news | 0,000564769  | 0,001319138  |
| 6           | Good news | -0,000524324  | 0,017781648  | Bad news | -0,000468042 | -0,030977748 | No news | 0,000594398  | 0,001913535  |
| 7           | Good news | 0,000696722   | 0,01847837   | Bad news | 0,001811193  | -0,029166554 | No news | -0,001914461 | -9,26E-07    |
| 8           | Good news | -0,001430594  | 0,017047776  | Bad news | 0,000400353  | -0,028766202 | No news | -0,003241703 | -0,003242629 |
| 9           | Good news | -0,000728452  | 0,016319324  | Bad news | -0,001633235 | -0,030399437 | No news | -0,000741674 | -0,003984303 |
| 10          | Good news | -0,0005020487 | 0,015798837  | Bad news | -6,12E-05    | -0,030460613 | No news | 0,001649093  | -0,00233521  |
| 11          | Good news | -0,000398834  | 0,015400002  | Bad news | -0,001205988 | -0,031666601 | No news | 0,000962062  | -0,001373147 |
| 12          | Good news | 0,000306567   | 0,015706569  | Bad news | -0,000323996 | -0,031990597 | No news | -0,008401518 | -0,009774665 |
| 13          | Good news | 0,000328927   | 0,016035496  | Bad news | 0,000865642  | -0,031124954 | No news | -4,92E-06    | -0,009779588 |
| 14          | Good news | -2,28E-05     | 0,016012712  | Bad news | -0,000561893 | -0,031686847 | No news | -0,000652298 | -0,010431885 |
| 15          | Good news | -5,87E-05     | 0,015954057  | Bad news | 0,000198355  | -0,031488492 | No news | -0,00086687  | -0,011298756 |
| 16          | Good news | 0,000354046   | 0,016308103  | Bad news | 0,000894515  | -0,030593977 | No news | -0,001385759 | -0,012684515 |
| 17          | Good news | 0,000219941   | 0,016528045  | Bad news | -0,001779027 | -0,032373003 | No news | -0,000838068 | -0,013522583 |
| 18          | Good news | -5,57E-05     | 0,016472304  | Bad news | 0,000320914  | -0,03205209  | No news | 0,000467347  | -0,013055236 |
| 19          | Good news | -6,25E-06     | 0,0164666058 | Bad news | -0,000487664 | -0,032539753 | No news | 0,000550053  | -0,012505183 |
| 20          | Good news | 7,83E-05      | 0,016544407  | Bad news | -0,001653959 | -0,034193748 | No news | 0,002163921  | -0,010341262 |
| 21          | Good news | 0,000398842   | 0,016943249  | Bad news | -0,000805725 | -0,034999473 | No news | -0,002091222 | -0,012432484 |
| 22          | Good news | -0,000186139  | 0,01675711   | Bad news | 0,000297063  | -0,03470241  | No news | 0,000772967  | -0,011659517 |
| 23          | Good news | -0,001334058  | 0,015423052  | Bad news | -0,000164976 | -0,034867386 | No news | -0,001411886 | -0,013071403 |
| 24          | Good news | 2,67E-05      | 0,015449737  | Bad news | -0,002273231 | -0,037140617 | No news | -0,00157651  | -0,014647913 |
| 25          | Good news | 0,000155558   | 0,015605295  | Bad news | 0,000768015  | -0,036372602 | No news | 0,000391523  | -0,01425639  |
| 26          | Good news | -0,001020715  | 0,014584584  | Bad news | 0,000126774  | -0,036245829 | No news | 0,001029966  | -0,013226424 |
| 27          | Good news | -8,05E-05     | 0,014504087  | Bad news | 0,000746341  | -0,035499487 | No news | -0,000295996 | -0,013522421 |
| 28          | Good news | 0,000357541   | 0,014861628  | Bad news | 0,000187573  | -0,035311914 | No news | -0,001236379 | -0,0147588   |
| 29          | Good news | 0,000661905   | 0,015523534  | Bad news | -0,000439259 | -0,035751172 | No news | 0,000669041  | -0,014089759 |
| 30          | Good news | 0,00033755    | 0,015861084  | Bad news | 0,000196688  | -0,035554484 | No news | 0,001279869  | -0,01280989  |
| 31          | Good news | 0,001042119   | 0,016903203  | Bad news | 0,001174539  | -0,034379945 | No news | 0,001334008  | -0,011475882 |
| 32          | Good news | -0,00271162   | 0,014191583  | Bad news | -0,000527259 | -0,034907204 | No news | 0,002667005  | -0,008808877 |
| 33          | Good news | 0,001375602   | 0,015567185  | Bad news | 0,000605855  | -0,034301348 | No news | -0,000642138 | -0,009451015 |
| 34          | Good news | 0,001058815   | 0,0166626    | Bad news | 0,000488937  | -0,033812411 | No news | -0,001164152 | -0,010615167 |
| 35          | Good news | 0,000235423   | 0,016861423  | Bad news | 0,000721248  | -0,033091163 | No news | 0,000133718  | -0,010481449 |
| 36          | Good news | 0,000518975   | 0,017380398  | Bad news | 0,000453513  | -0,032637649 | No news | -0,000241254 | -0,010722703 |
| 37          | Good news | -0,001771844  | 0,015608554  | Bad news | -0,001771531 | -0,034409181 | No news | -0,001290325 | -0,012013027 |
| 38          | Good news | -0,000391391  | 0,015217163  | Bad news | -3,66E-05    | -0,0344458   | No news | -0,000565068 | -0,012578095 |
| 39          | Good news | 0,000474875   | 0,015692038  | Bad news | 0,000527561  | -0,033918239 | No news | -0,000751422 | -0,013329518 |
| 40          | Good news | 0,000105342   | 0,015797381  | Bad news | -0,000808931 | -0,03472717  | No news | -0,00262118  | -0,015950697 |
| 41          | Good news | -0,000740611  | 0,01505677   | Bad news | 0,002140766  | -0,032586404 | No news | -0,000933149 | -0,016883847 |
| 42          | Good news | 0,000623574   | 0,015680344  | Bad news | 0,000393875  | -0,03219253  | No news | -0,001387265 | -0,018271112 |
| 43          | Good news | -0,001147895  | 0,014532448  | Bad news | -0,000608591 | -0,03280112  | No news | 0,000918265  | -0,017352847 |
| 44          | Good news | 0,000203237   | 0,014735686  | Bad news | 4,53E-05     | -0,032755797 | No news | -9,63E-05    | -0,017449106 |
| 45          | Good news | -0,000434424  | 0,014301262  | Bad news | -0,000813392 | -0,033569189 | No news | -0,000412707 | -0,017861813 |
| 46          | Good news | 0,000905824   | 0,015207086  | Bad news | -0,00031998  | -0,033889168 | No news | -0,000890562 | -0,018752375 |
| 47          | Good news | -0,001424907  | 0,013782179  | Bad news | -0,002371829 | -0,036260997 | No news | 8,93E-05     | -0,018663055 |
| 48          | Good news | 0,000460512   | 0,014242691  | Bad news | 0,000171076  | -0,036089921 | No news | -0,000247746 | -0,018910801 |
| 49          | Good news | 0,000642581   | 0,014885272  | Bad news | 0,002714421  | -0,0333755   | No news | -0,002906716 | -0,021817517 |
| 50          | Good news | 0,00068058    | 0,015565852  | Bad news | 0,001418928  | -0,031956572 | No news | 0,0018627    | -0,019954817 |
| 51          | Good news | 0,000282825   | 0,015848677  | Bad news | -0,000697162 | -0,032653734 | No news | 0,000536017  | -0,0194188   |
| 52          | Good news | -6,37E-05     | 0,015784986  | Bad news | 0,001023421  | -0,031630313 | No news | 0,000845846  | -0,018572954 |
| 53          | Good news | 0,000300107   | 0,016085094  | Bad news | 0,000590879  | -0,031039433 | No news | 0,000408114  | -0,01816484  |
| 54          | Good news | -0,000262829  | 0,015822265  | Bad news | 5,78E-06     | -0,031033651 | No news | 0,000668922  | -0,017495918 |
| 55          | Good news | -7,93E-05     | 0,015742933  | Bad news | -0,001454178 | -0,03248783  | No news | -0,000345704 | -0,017841622 |
| 56          | Good news | 0,001732801   | 0,017475734  | Bad news | -0,00039248  | -0,032880309 | No news | 0,000855042  | -0,016986581 |
| 57          | Good news | 0,001655148   | 0,019130882  | Bad news | -0,002353614 | -0,035233924 | No news | 0,000421382  | -0,016565199 |
| 58          | Good news | 0,000348185   | 0,019479066  | Bad news | -0,002600441 | -0,037834365 | No news | -0,000742848 | -0,017308047 |
| 59          | Good news | -0,001458976  | 0,01802009   | Bad news | -0,000347443 | -0,038181808 | No news | -0,000178279 | -0,017486326 |
| 60          | Good news | -0,00070618   | 0,01731391   | Bad news | 0,001033952  | -0,037147856 | No news | -0,001685292 | -0,019171617 |

## Low market capitalization

| Eventwindow | News      | AAR          | CAAR         | News     | AAR          | CAAR         | News    | AAR          | CAAR          |
|-------------|-----------|--------------|--------------|----------|--------------|--------------|---------|--------------|---------------|
| -15         | Good news | 0,00086601   | 0,00086601   | Bad news | -0,002489664 | -0,002489664 | No news | 0,003008361  | 0,003008361   |
| -14         | Good news | -4,46E-05    | 0,000821396  | Bad news | -0,000482337 | -0,002972    | No news | 0,01968865   | 0,004977226   |
| -13         | Good news | -0,000831035 | -9,64E-06    | Bad news | -9,43E-05    | -0,003066303 | No news | -0,003363512 | 0,001613713   |
| -12         | Good news | 0,001296749  | 0,00128711   | Bad news | -0,000117804 | -0,003184107 | No news | -0,00031021  | 0,001303504   |
| -11         | Good news | 0,001375004  | 0,002662114  | Bad news | -0,003399951 | -0,006584057 | No news | -0,000606799 | 0,000696705   |
| -10         | Good news | -0,001644016 | 0,001018098  | Bad news | 0,001074529  | -0,005509528 | No news | 0,002762097  | 0,003458801   |
| -9          | Good news | 0,000213046  | 0,001231144  | Bad news | -0,000974172 | -0,0064837   | No news | -0,000533984 | 0,002924817   |
| -8          | Good news | 0,000187897  | 0,001419041  | Bad news | 0,001760516  | -0,004723184 | No news | 0,002720742  | 0,00564556    |
| -7          | Good news | 0,002138017  | 0,003557058  | Bad news | 0,000234978  | -0,004488206 | No news | -0,001508917 | 0,004136643   |
| -6          | Good news | 0,000873464  | 0,004430522  | Bad news | 0,000416597  | -0,004071608 | No news | -0,001058535 | 0,003078108   |
| -5          | Good news | 0,002056977  | 0,006487499  | Bad news | -7,07E-05    | -0,004142276 | No news | -0,000878804 | 0,002199304   |
| -4          | Good news | 0,002908005  | 0,009395504  | Bad news | 0,001797377  | -0,0023449   | No news | 0,002850645  | 0,00504995    |
| -3          | Good news | 0,000857175  | 0,010252679  | Bad news | 0,002322065  | -2,28E-05    | No news | 0,002362747  | 0,007412697   |
| -2          | Good news | 0,003878168  | 0,014130848  | Bad news | -0,000888152 | -0,000910987 | No news | 0,003019507  | 0,010432204   |
| -1          | Good news | 0,006290662  | 0,020421509  | Bad news | 0,006563929  | 0,005652933  | No news | 0,005670394  | 0,016102598   |
| 0           | Good news | 0,005336189  | 0,025757698  | Bad news | -0,028381678 | -0,022728745 | No news | -0,005623939 | 0,010478659   |
| 1           | Good news | -0,001795804 | 0,023961894  | Bad news | -0,008706702 | -0,031435447 | No news | -0,005382973 | 0,005095685   |
| 2           | Good news | -0,002267574 | 0,02169432   | Bad news | -0,001644603 | -0,033080049 | No news | -0,003420852 | 0,001674833   |
| 3           | Good news | -0,001049628 | 0,020644692  | Bad news | 0,000451697  | -0,032628353 | No news | -0,002236816 | -0,000561983  |
| 4           | Good news | 0,001552452  | 0,022197145  | Bad news | -6,09E-05    | -0,032689301 | No news | -0,00555159  | -0,006113574  |
| 5           | Good news | 0,002776517  | 0,024973661  | Bad news | 0,00143681   | -0,031252491 | No news | 0,000965516  | -0,005148058  |
| 6           | Good news | 0,002366041  | 0,027339703  | Bad news | -0,00015273  | -0,031405221 | No news | -0,000261586 | -0,005409644  |
| 7           | Good news | 0,000563949  | 0,027903651  | Bad news | 0,000108118  | -0,031297103 | No news | -0,001766795 | -0,007176439  |
| 8           | Good news | -7,04E-05    | 0,027833254  | Bad news | -0,00177184  | -0,030368943 | No news | 0,000827925  | -0,006348514  |
| 9           | Good news | -0,000440955 | 0,027392299  | Bad news | 0,001685288  | -0,031383655 | No news | -0,001961815 | -0,008310329  |
| 10          | Good news | 0,000996741  | 0,02838904   | Bad news | -0,000172058 | -0,031555713 | No news | 0,001611295  | -0,006699034  |
| 11          | Good news | 0,000971745  | 0,029360785  | Bad news | 0,001213848  | -0,030341864 | No news | -0,001575465 | -0,008274499  |
| 12          | Good news | 0,00171534   | 0,031076124  | Bad news | 0,001263961  | -0,031605826 | No news | -0,00098154  | -0,009256038  |
| 13          | Good news | 0,000321856  | 0,03139798   | Bad news | -0,001753882 | -0,033359708 | No news | -0,000195618 | -0,009451656  |
| 14          | Good news | 0,000911934  | 0,032309915  | Bad news | 0,000236264  | -0,031323444 | No news | 0,003063125  | -0,006388531  |
| 15          | Good news | 0,000686101  | 0,032996015  | Bad news | 0,000804643  | -0,0323188   | No news | -0,002457009 | -0,00884554   |
| 16          | Good news | -0,00035826  | 0,032637755  | Bad news | -0,00057036  | -0,03288916  | No news | 0,000113888  | -0,008731652  |
| 17          | Good news | -0,001568469 | 0,031069286  | Bad news | 0,00042339   | -0,03246677  | No news | 0,002202873  | -0,006528779  |
| 18          | Good news | 0,000959083  | 0,0302208369 | Bad news | 0,000583394  | -0,031883375 | No news | -0,000183449 | -0,006712228  |
| 19          | Good news | -0,001249226 | 0,030779143  | Bad news | -0,001168092 | -0,033051468 | No news | -0,000111055 | -0,006823282  |
| 20          | Good news | 0,001871852  | 0,032650995  | Bad news | 0,000235764  | -0,032815704 | No news | -0,000628583 | -0,007451865  |
| 21          | Good news | 0,000521407  | 0,033172402  | Bad news | -0,000541231 | -0,033356935 | No news | -0,000873269 | -0,008325134  |
| 22          | Good news | 0,000860386  | 0,034032787  | Bad news | 0,000927396  | -0,032429539 | No news | 0,001524414  | -0,00680072   |
| 23          | Good news | -0,001793735 | 0,032239052  | Bad news | -0,001216505 | -0,033646044 | No news | -0,001749354 | -0,008550074  |
| 24          | Good news | -0,002209096 | 0,030029957  | Bad news | 0,001440335  | -0,032205709 | No news | 0,001979285  | -0,006570789  |
| 25          | Good news | -0,001584132 | 0,028445825  | Bad news | 0,001103506  | -0,031102204 | No news | 0,000426027  | -0,006144761  |
| 26          | Good news | -0,001201637 | 0,027244188  | Bad news | 0,000878859  | -0,030223345 | No news | -0,004436626 | -0,010581387  |
| 27          | Good news | 0,001474006  | 0,028718194  | Bad news | 0,000414253  | -0,029809091 | No news | -0,002687175 | -0,013268562  |
| 28          | Good news | 4,78E-05     | 0,028766002  | Bad news | -0,002071634 | -0,031880725 | No news | 0,001989584  | -0,011278978  |
| 29          | Good news | 0,000399282  | 0,029165285  | Bad news | 0,003265369  | -0,028615356 | No news | 0,001599843  | -0,009679134  |
| 30          | Good news | 0,000756097  | 0,029921382  | Bad news | -0,000700205 | -0,029315561 | No news | -0,00233691  | -0,012016045  |
| 31          | Good news | 0,000159349  | 0,030080731  | Bad news | 0,001069027  | -0,028246534 | No news | 0,000237838  | -0,011778206  |
| 32          | Good news | 0,000684698  | 0,030765429  | Bad news | -0,000958537 | -0,029205071 | No news | -0,00120633  | -0,012984536  |
| 33          | Good news | -2,52E-05    | 0,030740235  | Bad news | 0,000207525  | -0,028997547 | No news | 0,001730545  | -0,011253991  |
| 34          | Good news | 0,002042933  | 0,032783168  | Bad news | 0,004876466  | -0,02412108  | No news | -0,002033414 | -0,013287405  |
| 35          | Good news | -8,21E-06    | 0,032774955  | Bad news | 0,000870721  | -0,023250359 | No news | 0,004290957  | -0,008996449  |
| 36          | Good news | 0,001099581  | 0,033874536  | Bad news | 0,000299185  | -0,022951174 | No news | 0,000751221  | -0,008245228  |
| 37          | Good news | -0,000406203 | 0,033468334  | Bad news | -3,05E-05    | -0,022981707 | No news | -0,004067147 | -0,012312375  |
| 38          | Good news | 0,002126073  | 0,035594407  | Bad news | 0,001725918  | -0,021255579 | No news | 0,002249856  | -0,01006252   |
| 39          | Good news | 0,000255653  | 0,03585006   | Bad news | -0,000367019 | -0,021622809 | No news | 0,001107536  | -0,008954984  |
| 40          | Good news | 0,001754089  | 0,037604149  | Bad news | -0,000793658 | -0,022416467 | No news | 0,002331388  | -0,006623595  |
| 41          | Good news | 0,000594763  | 0,038198912  | Bad news | 0,00109302   | -0,021323448 | No news | -0,001355883 | -0,007979479  |
| 42          | Good news | 0,00145912   | 0,039658032  | Bad news | 0,00017658   | -0,021146868 | No news | -0,00063198  | -0,008611459  |
| 43          | Good news | 0,000582209  | 0,040240241  | Bad news | 0,004265087  | -0,016881781 | No news | 0,002898301  | -0,005713158  |
| 44          | Good news | 0,000175657  | 0,040415898  | Bad news | -0,001825059 | -0,01870684  | No news | -0,000953157 | -0,0066666315 |
| 45          | Good news | -0,00161078  | 0,038805118  | Bad news | 0,002040084  | -0,016666755 | No news | -0,000300843 | -0,006967158  |
| 46          | Good news | 0,002467932  | 0,04127305   | Bad news | 0,001867296  | -0,01479946  | No news | 0,001737645  | -0,005229513  |
| 47          | Good news | -0,000805313 | 0,040467737  | Bad news | -0,001484426 | -0,016283886 | No news | -0,00044074  | -0,005670253  |
| 48          | Good news | -0,001609792 | 0,038857945  | Bad news | 0,000853745  | -0,01543014  | No news | 6,57E-05     | -0,005604512  |
| 49          | Good news | 0,005792833  | 0,044650778  | Bad news | 0,000306668  | -0,015123472 | No news | 0,001295039  | -0,004309473  |
| 50          | Good news | 0,001249851  | 0,045900629  | Bad news | 0,001629616  | -0,013493856 | No news | -0,000560223 | -0,004869697  |
| 51          | Good news | 0,002350547  | 0,048251176  | Bad news | -3,08E-05    | -0,013524645 | No news | -0,004645457 | -0,009515154  |
| 52          | Good news | 5,88E-05     | 0,048310017  | Bad news | 0,000827864  | -0,012696781 | No news | -0,000887275 | -0,010402428  |
| 53          | Good news | 0,00061589   | 0,048925906  | Bad news | -0,001573167 | -0,014269948 | No news | -0,004186474 | -0,014588903  |
| 54          | Good news | 0,00073934   | 0,049665246  | Bad news | -0,000966349 | -0,015236297 | No news | 0,001303171  | -0,013285732  |
| 55          | Good news | 0,000275144  | 0,04994039   | Bad news | 0,000112289  | -0,015124008 | No news | 0,001262352  | -0,012023379  |
| 56          | Good news | 0,002337532  | 0,052277922  | Bad news | 0,002351489  | -0,012772519 | No news | 0,003353165  | -0,008670215  |
| 57          | Good news | -4,84E-05    | 0,052229506  | Bad news | -0,002071461 | -0,01484398  | No news | 0,002022071  | -0,006648144  |
| 58          | Good news | -0,001417371 | 0,050812135  | Bad news | -0,001199187 | -0,016043167 | No news | -0,002096783 | -0,008744927  |
| 59          | Good news | 0,001936206  | 0,052748341  | Bad news | -0,00039404  | -0,016437206 | No news | 0,002843278  | -0,005901649  |
| 60          | Good news | 0,000205258  | 0,052953599  | Bad news | 0,000625005  | -0,015812201 | No news | -0,003641474 | -0,009543124  |

## High turnover by value - Model 5 (UE)

| Eventwindow | News      | AAR          | CAAR         | News     | AAR          | CAAR         | News    | AAR          | CAAR         |
|-------------|-----------|--------------|--------------|----------|--------------|--------------|---------|--------------|--------------|
| -15         | Good news | -0,000421219 | -0,000421219 | Bad news | 0,000675533  | 0,000675533  | No news | -0,000564723 | -0,000564723 |
| -14         | Good news | 0,000890565  | 0,000469346  | Bad news | -0,000280388 | 0,000395144  | No news | -0,000407473 | -0,000972196 |
| -13         | Good news | 0,00051078   | 0,000980126  | Bad news | -0,000954256 | -0,000559112 | No news | -8,41E-05    | -0,001056286 |
| -12         | Good news | 0,000242248  | 0,001222373  | Bad news | -7,90E-06    | -0,000567016 | No news | -0,000443967 | -0,001500253 |
| -11         | Good news | 0,001088546  | 0,00231092   | Bad news | -0,000399894 | -0,000966909 | No news | -0,000564124 | -0,002064377 |
| -10         | Good news | 0,000271718  | 0,002582638  | Bad news | 0,000801337  | -0,000165573 | No news | 0,000352002  | -0,001712375 |
| -9          | Good news | 0,001154714  | 0,003737532  | Bad news | -0,000357905 | -0,000523477 | No news | -0,000959611 | -0,002671986 |
| -8          | Good news | -0,000443693 | 0,003293658  | Bad news | 0,000201472  | -0,000322005 | No news | 0,000646593  | -0,002025394 |
| -7          | Good news | 0,002358731  | 0,005652389  | Bad news | -0,000809252 | -0,001131257 | No news | 0,000262815  | -0,001762579 |
| -6          | Good news | 0,000164294  | 0,005816683  | Bad news | -0,000231834 | -0,001363091 | No news | 0,00010437   | -0,001658209 |
| -5          | Good news | 0,000671554  | 0,006488237  | Bad news | -0,000167002 | -0,001530093 | No news | -0,00023194  | -0,001890149 |
| -4          | Good news | -0,000457458 | 0,006030779  | Bad news | -0,000433907 | -0,001964    | No news | 0,000458371  | -0,001431778 |
| -3          | Good news | 0,001862789  | 0,007893568  | Bad news | 0,001046745  | -0,000917255 | No news | 0,000517755  | -0,000914023 |
| -2          | Good news | -0,000992534 | 0,006901034  | Bad news | -0,001092899 | -0,002010155 | No news | 0,000669197  | -0,000244825 |
| -1          | Good news | 0,001878495  | 0,008779529  | Bad news | 0,001823535  | -0,00018662  | No news | 1,81E-05     | -0,000226738 |
| 0           | Good news | 0,010142413  | 0,018921942  | Bad news | -0,012581629 | -0,012768249 | No news | 0,002228819  | 0,002002081  |
| 1           | Good news | -0,000461459 | 0,018460482  | Bad news | -0,002993804 | -0,015762054 | No news | 0,001680324  | 0,003682405  |
| 2           | Good news | 0,000823628  | 0,019284111  | Bad news | -0,001118566 | -0,01688062  | No news | 0,000215314  | 0,003897719  |
| 3           | Good news | 0,000896014  | 0,020180125  | Bad news | 0,001338411  | -0,015542209 | No news | 0,000745639  | 0,004643358  |
| 4           | Good news | -4,41E-05    | 0,020136053  | Bad news | -0,000241788 | -0,015783997 | No news | 0,0007346    | 0,005377958  |
| 5           | Good news | 0,001535939  | 0,021671992  | Bad news | -0,000539521 | -0,016323518 | No news | -0,000974337 | 0,004403621  |
| 6           | Good news | -0,000113759 | 0,021558233  | Bad news | -0,000397271 | -0,016720789 | No news | 0,000762596  | 0,005166217  |
| 7           | Good news | 0,001311325  | 0,022869558  | Bad news | -0,000351639 | -0,017072428 | No news | 0,000120657  | 0,005286874  |
| 8           | Good news | -0,000394874 | 0,022474684  | Bad news | 0,001290287  | -0,015782141 | No news | 0,000542867  | 0,005829741  |
| 9           | Good news | -0,000841228 | 0,021633456  | Bad news | 5,90E-05     | -0,015723158 | No news | 0,00019791   | 0,006027651  |
| 10          | Good news | -0,000681618 | 0,020951838  | Bad news | -0,001364929 | -0,017080807 | No news | -0,000435699 | 0,005591952  |
| 11          | Good news | 0,000755343  | 0,021707181  | Bad news | -4,82E-05    | -0,017136321 | No news | 0,000637099  | 0,006229051  |
| 12          | Good news | 0,000333742  | 0,022040923  | Bad news | -0,000276263 | -0,017412584 | No news | 0,000251593  | 0,006480644  |
| 13          | Good news | -4,26E-05    | 0,021998276  | Bad news | 0,000489867  | -0,016922717 | No news | -0,000176141 | 0,006304503  |
| 14          | Good news | -0,000390699 | 0,021607577  | Bad news | -0,000390793 | -0,01731351  | No news | -0,001104236 | 0,005200268  |
| 15          | Good news | -0,000184097 | 0,02142348   | Bad news | -0,000292229 | -0,017605738 | No news | -0,00027851  | 0,004921758  |
| 16          | Good news | -0,000110089 | 0,021313391  | Bad news | 0,0001007816 | -0,016597922 | No news | 0,000866441  | 0,005788199  |
| 17          | Good news | 0,000445454  | 0,021758845  | Bad news | -0,001255533 | -0,017853455 | No news | -0,000317783 | 0,005470416  |
| 18          | Good news | -0,000223023 | 0,021535823  | Bad news | 0,000998478  | -0,016854985 | No news | -0,000274932 | 0,005195484  |
| 19          | Good news | 0,000398812  | 0,021934635  | Bad news | -0,000391533 | -0,017246518 | No news | -0,000700322 | 0,004495163  |
| 20          | Good news | -0,001104651 | 0,020829984  | Bad news | 0,000361452  | -0,016885066 | No news | -0,000111089 | 0,004384074  |
| 21          | Good news | -0,000316766 | 0,020513218  | Bad news | -0,00024354  | -0,017128606 | No news | -0,000993746 | 0,003390328  |
| 22          | Good news | 8,41E-05     | 0,020597304  | Bad news | 0,000539752  | -0,016588854 | No news | 0,000173188  | 0,003563515  |
| 23          | Good news | -0,000765491 | 0,019831813  | Bad news | 0,000536635  | -0,016052219 | No news | -1,39E-05    | 0,003549577  |
| 24          | Good news | 0,000854109  | 0,020685923  | Bad news | 7,59E-05     | -0,015976292 | No news | -0,000309611 | 0,003239966  |
| 25          | Good news | -0,000351913 | 0,020334009  | Bad news | 0,001782839  | -0,014193453 | No news | -0,000289975 | 0,002949992  |
| 26          | Good news | 0,000473698  | 0,020807708  | Bad news | -0,00016596  | -0,014359412 | No news | -0,000649307 | 0,002300685  |
| 27          | Good news | -0,000193836 | 0,020613872  | Bad news | 0,000543105  | -0,013816307 | No news | -0,000754287 | 0,001546398  |
| 28          | Good news | -0,000682065 | 0,019931807  | Bad news | -0,000252588 | -0,014068895 | No news | -2,25E-05    | 0,001523858  |
| 29          | Good news | -0,000276753 | 0,019655054  | Bad news | 0,000176054  | -0,013892841 | No news | -0,000768878 | 0,000754981  |
| 30          | Good news | 0,000821726  | 0,02047678   | Bad news | 0,000191561  | -0,01370128  | No news | -0,000124148 | 0,000630833  |
| 31          | Good news | 0,000646667  | 0,021123447  | Bad news | 0,000728818  | -0,012972463 | No news | -0,000657074 | -2,62E-05    |
| 32          | Good news | -0,001222752 | 0,019900695  | Bad news | -0,000728626 | -0,013701088 | No news | -5,28E-05    | -7,91E-05    |
| 33          | Good news | -0,000144091 | 0,019756604  | Bad news | 0,000222988  | -0,0134781   | No news | 0,000104824  | 2,57E-05     |
| 34          | Good news | 0,001765042  | 0,021521646  | Bad news | 0,001521878  | -0,011956222 | No news | -0,000609677 | -0,000583929 |
| 35          | Good news | 0,00029628   | 0,021817925  | Bad news | 0,000544413  | -0,011411809 | No news | 0,000582328  | -1,60E-06    |
| 36          | Good news | 0,000368788  | 0,022186714  | Bad news | 9,25E-05     | -0,011319356 | No news | 0,000141279  | 0,000139678  |
| 37          | Good news | 0,000335503  | 0,022522217  | Bad news | -0,003294762 | -0,014614118 | No news | -0,000913437 | -0,000773759 |
| 38          | Good news | 0,000649745  | 0,023171962  | Bad news | -0,000391079 | -0,015005197 | No news | -0,001000043 | -0,001773803 |
| 39          | Good news | 0,000200114  | 0,023372076  | Bad news | 0,001717647  | -0,01328755  | No news | 0,000491947  | -0,001281855 |
| 40          | Good news | 0,001191555  | 0,024563631  | Bad news | 0,000556385  | -0,012731165 | No news | -0,000650773 | -0,001932628 |
| 41          | Good news | 0,00071673   | 0,025280361  | Bad news | 0,000842208  | -0,011888957 | No news | 0,000185758  | -0,001746871 |
| 42          | Good news | 0,000625402  | 0,025905764  | Bad news | 0,000736299  | -0,011152658 | No news | -0,0005541   | -0,002300971 |
| 43          | Good news | -0,002513371 | 0,023392393  | Bad news | 0,000915458  | -0,010237199 | No news | -0,000731    | -0,003031971 |
| 44          | Good news | 1,30E-05     | 0,023405438  | Bad news | 0,000362922  | -0,009874278 | No news | -0,000474022 | -0,003505993 |
| 45          | Good news | -0,00063743  | 0,022768009  | Bad news | -0,000845887 | -0,010720165 | No news | -0,001637544 | -0,005143536 |
| 46          | Good news | 0,000863608  | 0,023631616  | Bad news | -0,000260102 | -0,010980267 | No news | -0,00017878  | -0,005322316 |
| 47          | Good news | -0,000337049 | 0,023294567  | Bad news | -0,001169858 | -0,012150125 | No news | -0,000269804 | -0,005592121 |
| 48          | Good news | -0,000558133 | 0,022736434  | Bad news | 0,001259862  | -0,010890263 | No news | -0,000953901 | -0,006546022 |
| 49          | Good news | 6,23E-05     | 0,022798771  | Bad news | 0,002791272  | -0,008098991 | No news | -0,000781481 | -0,007327503 |
| 50          | Good news | 0,000705109  | 0,02350388   | Bad news | 0,000509038  | -0,007589952 | No news | -0,000433414 | -0,007760917 |
| 51          | Good news | 4,63E-05     | 0,02355021   | Bad news | 8,00E-05     | -0,007509938 | No news | 0,001092464  | -0,006668453 |
| 52          | Good news | -0,000422607 | 0,023127603  | Bad news | 0,000293341  | -0,007216597 | No news | -5,88E-05    | -0,006727256 |
| 53          | Good news | -0,000334829 | 0,022792774  | Bad news | -0,000243162 | -0,007459759 | No news | 0,000989362  | -0,005737895 |
| 54          | Good news | -0,000813213 | 0,021979561  | Bad news | 0,001042111  | -0,006417648 | No news | 0,00044952   | -0,005288375 |
| 55          | Good news | 0,000985759  | 0,02296532   | Bad news | 0,001589288  | -0,00482836  | No news | -0,000457871 | -0,005746246 |
| 56          | Good news | 0,002184459  | 0,025149779  | Bad news | -0,000180875 | -0,005009236 | No news | -0,000101231 | -0,005847477 |
| 57          | Good news | 0,001560421  | 0,0267102    | Bad news | -0,000278834 | -0,00528807  | No news | 0,000389384  | -0,005458094 |
| 58          | Good news | -0,001087692 | 0,025622508  | Bad news | -0,001452324 | -0,006740394 | No news | -0,000930349 | -0,006388442 |
| 59          | Good news | 0,000813273  | 0,026435781  | Bad news | -0,000394457 | -0,00713485  | No news | -0,000675774 | -0,007064217 |
| 60          | Good news | 0,000696537  | 0,027132318  | Bad news | 0,000779881  | -0,006354969 | No news | -0,001009503 | -0,00807372  |

## Medium turnover by value - Model 5 (UE)

| Eventwindow | News      | AAR          | CAAR         | News     | AAR          | CAAR         | News    | AAR          | CAAR         |
|-------------|-----------|--------------|--------------|----------|--------------|--------------|---------|--------------|--------------|
| -15         | Good news | 0,001067828  | 0,001067828  | Bad news | -0,002284909 | -0,002284909 | No news | 0,000604237  | 0,000604237  |
| -14         | Good news | -0,001774319 | -0,000706491 | Bad news | -0,002004181 | -0,00428909  | No news | 0,001159697  | 0,001763933  |
| -13         | Good news | -0,000212115 | -0,000918605 | Bad news | 0,000177678  | -0,004111412 | No news | -0,00116892  | 0,000595013  |
| -12         | Good news | 0,001032845  | 0,00011424   | Bad news | -0,001806091 | -0,005917503 | No news | -0,001871935 | -0,001276922 |
| -11         | Good news | 0,000649435  | 0,000763675  | Bad news | -0,001190304 | -0,007107807 | No news | 0,000569063  | -0,000707859 |
| -10         | Good news | -0,000204808 | 0,000558867  | Bad news | 0,0004375    | -0,006670306 | No news | 0,002990087  | 0,002282228  |
| -9          | Good news | -0,002667279 | -0,002108412 | Bad news | 0,000520047  | -0,00615026  | No news | -5,07E-06    | 0,002277162  |
| -8          | Good news | 0,000792288  | -0,001316124 | Bad news | -0,000817817 | -0,006968076 | No news | -0,001854494 | 0,000422668  |
| -7          | Good news | -0,000563397 | -0,001879521 | Bad news | 0,000940216  | -0,00602786  | No news | -0,002416391 | -0,001993723 |
| -6          | Good news | 0,001264605  | -0,000614917 | Bad news | -0,001501966 | -0,007529826 | No news | 0,000765975  | -0,001227749 |
| -5          | Good news | 0,000907198  | 0,000292281  | Bad news | -0,00133019  | -0,008860016 | No news | -0,00052553  | -0,001753279 |
| -4          | Good news | 0,00209424   | 0,002386521  | Bad news | 0,00052982   | -0,008330196 | No news | 0,003285078  | 0,0015318    |
| -3          | Good news | 0,002502665  | 0,004889186  | Bad news | 0,001003361  | -0,007326835 | No news | 0,000589307  | 0,002121107  |
| -2          | Good news | 0,001135691  | 0,006024877  | Bad news | -0,001475163 | -0,008801998 | No news | 0,001580636  | 0,003701743  |
| -1          | Good news | 0,003854488  | 0,009879365  | Bad news | 0,004697272  | -0,004104726 | No news | 0,003121492  | 0,006823235  |
| 0           | Good news | 0,001715251  | 0,011594616  | Bad news | -0,022826345 | -0,026931071 | No news | -0,003863446 | 0,002959789  |
| 1           | Good news | 0,00036571   | 0,011960326  | Bad news | -0,003611017 | -0,030542089 | No news | -0,003659834 | -0,000700044 |
| 2           | Good news | -0,000387197 | 0,011573128  | Bad news | -0,000951379 | -0,031493468 | No news | -0,002185102 | -0,002885146 |
| 3           | Good news | 0,000477545  | 0,012050673  | Bad news | 0,000331094  | -0,031162374 | No news | -0,002380859 | -0,005266005 |
| 4           | Good news | -0,001147989 | 0,010902684  | Bad news | -0,000291082 | -0,031453456 | No news | -0,003026233 | -0,008292238 |
| 5           | Good news | 0,00264054   | 0,013543225  | Bad news | 0,000517279  | -0,030936177 | No news | -5,68E-05    | -0,008349003 |
| 6           | Good news | 0,000605567  | 0,014148791  | Bad news | -0,000201825 | -0,031138002 | No news | -0,000880149 | -0,009229152 |
| 7           | Good news | 0,000670438  | 0,014819229  | Bad news | 0,001403632  | -0,02973437  | No news | -0,000706336 | -0,009935488 |
| 8           | Good news | -0,001200411 | 0,013618818  | Bad news | -0,000412439 | -0,03014681  | No news | -0,005001327 | -0,014936815 |
| 9           | Good news | -0,000601438 | 0,01301738   | Bad news | -2,20E-05    | -0,030168847 | No news | 0,000243428  | -0,014693387 |
| 10          | Good news | 0,000153804  | 0,013171184  | Bad news | 0,000274088  | -0,029894759 | No news | 0,000318606  | -0,014374781 |
| 11          | Good news | -0,00129598  | 0,011875203  | Bad news | 3,33E-05     | -0,029861476 | No news | -0,000546979 | -0,01492176  |
| 12          | Good news | 0,000473935  | 0,012349139  | Bad news | -7,81E-05    | -0,029939541 | No news | -0,009719296 | -0,024641057 |
| 13          | Good news | 0,000471612  | 0,012820751  | Bad news | 2,92E-05     | -0,029910314 | No news | -0,000172277 | -0,024813333 |
| 14          | Good news | 1,81E-05     | 0,012838879  | Bad news | -0,000370309 | -0,030280623 | No news | 0,000136304  | -0,024677029 |
| 15          | Good news | -0,000518128 | 0,012320751  | Bad news | 0,000540476  | -0,029740147 | No news | -0,000206467 | -0,024883496 |
| 16          | Good news | 0,000824455  | 0,013145206  | Bad news | 0,000124796  | -0,02961535  | No news | -0,000351114 | -0,02523461  |
| 17          | Good news | -0,000918693 | 0,012226513  | Bad news | 0,000401964  | -0,029213387 | No news | -0,001300113 | -0,026534723 |
| 18          | Good news | -0,000624718 | 0,011601795  | Bad news | -0,000843668 | -0,030057055 | No news | -0,00173544  | -0,028270162 |
| 19          | Good news | -0,000220751 | 0,011381043  | Bad news | -0,000826319 | -0,030883374 | No news | -0,000313814 | -0,028583977 |
| 20          | Good news | 0,000139003  | 0,011520046  | Bad news | -0,001641496 | -0,03252487  | No news | 0,00187108   | -0,026712897 |
| 21          | Good news | 0,000687846  | 0,012207893  | Bad news | -0,00072593  | -0,0332508   | No news | -0,0021471   | -0,028855997 |
| 22          | Good news | 0,000169879  | 0,012377771  | Bad news | 0,000377015  | -0,032873785 | No news | 0,000179362  | -0,028680635 |
| 23          | Good news | -0,001478166 | 0,010899606  | Bad news | 0,00064039   | -0,032233395 | No news | -0,000574804 | -0,029255439 |
| 24          | Good news | -0,001190099 | 0,00970507   | Bad news | -0,001289626 | -0,033523022 | No news | -0,002170348 | -0,031425787 |
| 25          | Good news | 4,42E-06     | 0,009713932  | Bad news | 0,000139943  | -0,033383079 | No news | -1,67E-05    | -0,031442492 |
| 26          | Good news | -0,0017235   | 0,007990432  | Bad news | 0,000183567  | -0,033199512 | No news | 0,000982881  | -0,030459611 |
| 27          | Good news | 0,000681182  | 0,008671614  | Bad news | -0,001186294 | -0,034385806 | No news | 9,82E-05     | -0,030361408 |
| 28          | Good news | -0,000104187 | 0,008567426  | Bad news | -0,000921156 | -0,035306962 | No news | 2,77E-05     | -0,03033372  |
| 29          | Good news | 0,001114616  | 0,009682042  | Bad news | 0,000210532  | -0,03509643  | No news | 0,000982372  | -0,029351349 |
| 30          | Good news | 0,000321553  | 0,010003595  | Bad news | 0,0001161389 | -0,033935041 | No news | 0,001308486  | -0,028042863 |
| 31          | Good news | 0,001258897  | 0,011262492  | Bad news | 0,000805913  | -0,033129128 | No news | 0,001232012  | -0,02681085  |
| 32          | Good news | -0,001480944 | 0,009781548  | Bad news | 0,000517092  | -0,032612036 | No news | 0,001547156  | -0,025263695 |
| 33          | Good news | 0,000958884  | 0,010740432  | Bad news | 0,000709069  | -0,031902968 | No news | -0,000636825 | -0,025900519 |
| 34          | Good news | 0,002739375  | 0,013479807  | Bad news | 0,000908878  | -0,03099409  | No news | -0,000317554 | -0,026218073 |
| 35          | Good news | 0,000162502  | 0,013642309  | Bad news | 0,001220818  | -0,029773272 | No news | 0,001672969  | -0,024545104 |
| 36          | Good news | 0,000273782  | 0,013916091  | Bad news | 0,000572957  | -0,029200315 | No news | -0,001389858 | -0,025934962 |
| 37          | Good news | -0,000676318 | 0,013239773  | Bad news | -0,000723872 | -0,029924187 | No news | -0,001009048 | -0,02694401  |
| 38          | Good news | -0,00068858  | 0,012551193  | Bad news | -4,07E-06    | -0,029928253 | No news | -0,000689611 | -0,027633621 |
| 39          | Good news | 0,000554796  | 0,013105989  | Bad news | 0,000683249  | -0,029245004 | No news | -0,000145786 | -0,027779407 |
| 40          | Good news | 0,000571621  | 0,01367761   | Bad news | -0,001135931 | -0,030380935 | No news | -0,00036254  | -0,028141947 |
| 41          | Good news | -2,04E-05    | 0,013657213  | Bad news | 0,001335166  | -0,029045769 | No news | -0,003611714 | -0,031753661 |
| 42          | Good news | 0,000686493  | 0,014343706  | Bad news | -6,07E-05    | -0,029106434 | No news | -0,001988121 | -0,033741782 |
| 43          | Good news | 0,000672837  | 0,015016542  | Bad news | 0,001532337  | -0,027574098 | No news | 0,003079518  | -0,030662264 |
| 44          | Good news | -0,000814547 | 0,014201996  | Bad news | -0,001323521 | -0,028897618 | No news | -0,000822637 | -0,031484901 |
| 45          | Good news | 0,000801679  | 0,015003675  | Bad news | -0,00076777  | -0,029665389 | No news | 0,000462965  | -0,031021936 |
| 46          | Good news | 0,000955535  | 0,01595921   | Bad news | 0,000184855  | -0,029480534 | No news | 0,000200746  | -0,03082119  |
| 47          | Good news | -0,000964148 | 0,014995061  | Bad news | -0,000215406 | -0,029695954 | No news | -1,38E-06    | -0,030822572 |
| 48          | Good news | 0,00063347   | 0,015628531  | Bad news | -0,00081959  | -0,03051553  | No news | -0,001506548 | -0,032329121 |
| 49          | Good news | 0,002532462  | 0,018160993  | Bad news | 0,000135623  | -0,030379907 | No news | -0,002324304 | -0,034653424 |
| 50          | Good news | -0,000185432 | 0,01797556   | Bad news | 0,002696625  | -0,027683282 | No news | 0,000457319  | -0,034196106 |
| 51          | Good news | 0,00044801   | 0,01842357   | Bad news | -0,000232708 | -0,02791599  | No news | -0,001399495 | -0,035595601 |
| 52          | Good news | -0,001069135 | 0,017354436  | Bad news | 0,000237799  | -0,027678191 | No news | 0,002099513  | -0,033496088 |
| 53          | Good news | 0,000923349  | 0,018277785  | Bad news | -0,001510091 | -0,029188282 | No news | -0,002332415 | -0,035828503 |
| 54          | Good news | 0,000722631  | 0,019000416  | Bad news | -0,001625619 | -0,030813901 | No news | -0,001483976 | -0,037312479 |
| 55          | Good news | -0,001747909 | 0,017252507  | Bad news | -0,001829842 | -0,032643743 | No news | 0,002855129  | -0,03445735  |
| 56          | Good news | 0,000864266  | 0,018116774  | Bad news | 0,002328197  | -0,030315546 | No news | -0,000887437 | -0,035344786 |
| 57          | Good news | -0,000762712 | 0,017354062  | Bad news | -0,004572694 | -0,03488824  | No news | 0,00080416   | -0,034540626 |
| 58          | Good news | 0,000344337  | 0,017698398  | Bad news | 0,000331563  | -0,034556677 | No news | -0,000256534 | -0,03479716  |
| 59          | Good news | -0,000800179 | 0,01689822   | Bad news | -0,000333136 | -0,034889812 | No news | 0,000530696  | -0,034266464 |
| 60          | Good news | -0,00083185  | 0,016066369  | Bad news | 3,74E-05     | -0,034852462 | No news | -0,003391103 | -0,037657567 |

Low turnover by value - Model 5 (UE)

| Eventwindow | News      | AAR          | CAAR         | News     | AAR          | CAAR          | News    | AAR          | CAAR        |
|-------------|-----------|--------------|--------------|----------|--------------|---------------|---------|--------------|-------------|
| -15         | Good news | 3,33E-06     | 3,33E-06     | Bad news | -0,001321455 | -0,001321455  | No news | 0,001745048  | 0,001745048 |
| -14         | Good news | 0,000720934  | 0,000724268  | Bad news | 0,000431339  | -0,000890116  | No news | 0,001920258  | 0,003665306 |
| -13         | Good news | -0,000257536 | 0,000466732  | Bad news | 0,000450066  | -0,00044005   | No news | -0,003088129 | 0,000577177 |
| -12         | Good news | -0,000563952 | -9,72E-05    | Bad news | -0,000456924 | -0,000896973  | No news | -0,000261356 | 0,000315821 |
| -11         | Good news | -0,00034827  | -0,000445489 | Bad news | -0,002989782 | -0,003886755  | No news | -5,30E-05    | 0,000262847 |
| -10         | Good news | 0,000136681  | -0,000308808 | Bad news | 0,000677866  | -0,003208889  | No news | -0,000156911 | 0,000105936 |
| -9          | Good news | 0,002319327  | 0,002010519  | Bad news | -0,000878799 | -0,004087687  | No news | -0,001294155 | -0,00118822 |
| -8          | Good news | 0,000525265  | 0,002535784  | Bad news | 0,002354239  | -0,001733448  | No news | 0,003402125  | 0,002213905 |
| -7          | Good news | 0,001186101  | 0,003721885  | Bad news | -0,001666274 | -0,003399722  | No news | -0,001830886 | 0,000383019 |
| -6          | Good news | 4,91E-05     | 0,003771004  | Bad news | 0,000237986  | -0,003161736  | No news | 0,000361617  | 0,000744636 |
| -5          | Good news | 0,001459988  | 0,005230992  | Bad news | 0,00080214   | -0,002359596  | No news | -3,32E-05    | 0,000711423 |
| -4          | Good news | 0,002581039  | 0,007812031  | Bad news | 0,000654669  | -0,001704927  | No news | 0,000912036  | 0,001623459 |
| -3          | Good news | -0,00094223  | 0,006869801  | Bad news | 0,001337628  | -0,00367299   | No news | 0,003342132  | 0,004965591 |
| -2          | Good news | 0,00405693   | 0,010926731  | Bad news | 0,000533718  | 0,000166419   | No news | 0,002216396  | 0,007181987 |
| -1          | Good news | 0,007080719  | 0,01800745   | Bad news | 0,004098062  | 0,004264482   | No news | 0,005570808  | 0,012752795 |
| 0           | Good news | 0,010726592  | 0,028734042  | Bad news | -0,021691074 | -0,017426592  | No news | -1,80E-05    | 0,012734772 |
| 1           | Good news | -0,002342183 | 0,026391859  | Bad news | -0,00677149  | -0,024198082  | No news | -0,004625442 | 0,00810933  |
| 2           | Good news | -0,002164328 | 0,024227531  | Bad news | -0,001825103 | -0,026023185  | No news | -0,002078201 | 0,006031129 |
| 3           | Good news | -0,00047251  | 0,023755021  | Bad news | -0,000765518 | -0,026788703  | No news | -0,000779545 | 0,005251584 |
| 4           | Good news | 0,000525017  | 0,024280038  | Bad news | 0,000271919  | -0,026516784  | No news | -0,003312295 | 0,00193929  |
| 5           | Good news | 0,000520001  | 0,024800039  | Bad news | 0,001025389  | -0,025491395  | No news | 0,000570009  | 0,002509299 |
| 6           | Good news | 0,001250433  | 0,026050473  | Bad news | -0,001575212 | -0,027066607  | No news | 0,0013133    | 0,003822599 |
| 7           | Good news | 0,00038242   | 0,026432892  | Bad news | -0,00039316  | -0,027459767  | No news | -0,002988675 | 0,000833923 |
| 8           | Good news | -0,000567248 | 0,025865644  | Bad news | -0,002272956 | -0,029732723  | No news | 0,001987882  | 0,002821806 |
| 9           | Good news | -0,00037134  | 0,025494304  | Bad news | 0,000715753  | -0,02901697   | No news | -0,002634817 | 0,000186988 |
| 10          | Good news | 0,000562627  | 0,026056931  | Bad news | -0,000287764 | -0,029304734  | No news | 0,002382573  | 0,002569562 |
| 11          | Good news | 0,001272867  | 0,027329798  | Bad news | -0,000523385 | -0,02982812   | No news | -1,03E-06    | 0,002568534 |
| 12          | Good news | 0,001489031  | 0,02881883   | Bad news | 0,002181851  | -0,032009971  | No news | -0,000253116 | 0,002315417 |
| 13          | Good news | 4,04E-05     | 0,028859278  | Bad news | -0,001252866 | -0,0323262836 | No news | 0,000298202  | 0,002613619 |
| 14          | Good news | 0,00090915   | 0,029768428  | Bad news | -0,000628162 | -0,033890999  | No news | 0,001597405  | 0,004211024 |
| 15          | Good news | 0,000991115  | 0,030759543  | Bad news | 0,000246917  | -0,033644081  | No news | -0,00284519  | 0,001365834 |
| 16          | Good news | -0,000399793 | 0,03035975   | Bad news | -0,000750674 | -0,034394755  | No news | -0,000299807 | 0,001066027 |
| 17          | Good news | -0,001272823 | 0,029086926  | Bad news | -0,000646847 | -0,035041602  | No news | 0,001833113  | 0,002899141 |
| 18          | Good news | 0,000341972  | 0,029428898  | Bad news | 0,001481668  | -0,035599934  | No news | 0,000890687  | 0,003789828 |
| 19          | Good news | -0,001482938 | 0,027945956  | Bad news | -0,000743833 | -0,034303767  | No news | 0,000592138  | 0,004381966 |
| 20          | Good news | 0,002259272  | 0,030205232  | Bad news | 0,000718461  | -0,033585306  | No news | -0,00041466  | 0,003967305 |
| 21          | Good news | 0,000259356  | 0,030464589  | Bad news | -0,000809689 | -0,034394995  | No news | -0,001116885 | 0,002850421 |
| 22          | Good news | 0,000513627  | 0,030978216  | Bad news | 0,000254679  | -0,034140316  | No news | 0,001288952  | 0,004139373 |
| 23          | Good news | -0,001800504 | 0,029177711  | Bad news | -0,002625293 | -0,036765608  | No news | -0,001398589 | 0,002740783 |
| 24          | Good news | -0,001538792 | 0,02763892   | Bad news | 0,000596388  | -0,03616922   | No news | 0,001047824  | 0,003788607 |
| 25          | Good news | -0,001594567 | 0,026044352  | Bad news | 0,000660582  | -0,035506838  | No news | 0,001669771  | 0,005458378 |
| 26          | Good news | -0,000276885 | 0,025767468  | Bad news | 0,000473884  | -0,035034745  | No news | -0,002912635 | 0,002545743 |
| 27          | Good news | 0,001036643  | 0,026804111  | Bad news | 0,002437469  | -0,032597285  | No news | -0,00222776  | 0,000317982 |
| 28          | Good news | -9,79E-06    | 0,026794316  | Bad news | -0,000925    | -0,033522285  | No news | 0,000185643  | 0,000503625 |
| 29          | Good news | -0,000193025 | 0,026601291  | Bad news | 0,002107434  | -0,03141485   | No news | 0,001594285  | 0,00209791  |
| 30          | Good news | 0,000778992  | 0,027380283  | Bad news | -0,002042541 | -0,033457392  | No news | -0,001006547 | 0,001091363 |
| 31          | Good news | -0,000735039 | 0,026645244  | Bad news | 0,000335265  | -0,033122127  | No news | 0,000693768  | 0,001785131 |
| 32          | Good news | 0,000389288  | 0,027034532  | Bad news | -0,001773142 | -0,034895269  | No news | 0,00089656   | 0,002681691 |
| 33          | Good news | 4,34E-05     | 0,027077899  | Bad news | -0,000166988 | -0,035062257  | No news | 0,001324778  | 0,004006469 |
| 34          | Good news | -0,000268217 | 0,026809682  | Bad news | 0,003271446  | -0,031790811  | No news | -0,003119351 | 0,000887118 |
| 35          | Good news | 0,000683906  | 0,027493588  | Bad news | 0,000341546  | -0,031449265  | No news | 0,002128766  | 0,003015884 |
| 36          | Good news | 0,00081745   | 0,028311038  | Bad news | 0,000162985  | -0,031286281  | No news | 0,001050859  | 0,004066743 |
| 37          | Good news | -0,001301613 | 0,027090426  | Bad news | 0,001278447  | -0,030007833  | No news | -0,003946111 | 0,000120632 |
| 38          | Good news | 0,001573744  | 0,02858317   | Bad news | 0,001013263  | -0,02899457   | No news | 0,003254127  | 0,003374758 |
| 39          | Good news | 0,000469435  | 0,029052604  | Bad news | -0,001709338 | -0,030703908  | No news | 0,000201857  | 0,003576615 |
| 40          | Good news | 0,000635002  | 0,029687606  | Bad news | -0,00029143  | -0,030995338  | No news | -0,000891215 | 0,002685401 |
| 41          | Good news | -0,000345309 | 0,029342297  | Bad news | 0,001143012  | -0,029852326  | No news | 0,000532409  | 0,00321781  |
| 42          | Good news | 0,000733529  | 0,030075827  | Bad news | -0,000358591 | -0,030210916  | No news | -0,000637414 | 0,002580396 |
| 43          | Good news | 0,000945142  | 0,031020969  | Bad news | 0,001953159  | -0,028257758  | No news | 0,001427168  | 0,004007563 |
| 44          | Good news | 0,001175467  | 0,032196436  | Bad news | 0,000333598  | -0,027924159  | No news | 0,000787598  | 0,004795161 |
| 45          | Good news | -0,002629871 | 0,029566565  | Bad news | 0,002397435  | -0,025526725  | No news | -0,000193268 | 0,004601893 |
| 46          | Good news | 0,001399245  | 0,030965809  | Bad news | 0,001390605  | -0,02413612   | No news | -0,000292118 | 0,004309775 |
| 47          | Good news | -0,000308752 | 0,030657058  | Bad news | -0,002590064 | -0,026726184  | No news | -0,000247347 | 0,004062428 |
| 48          | Good news | -0,001542236 | 0,029114822  | Bad news | 0,001373763  | -0,025352421  | No news | 0,001768205  | 0,005830633 |
| 49          | Good news | 0,003423654  | 0,032538476  | Bad news | 0,001350421  | -0,024001999  | No news | -0,000399742 | 0,005430891 |
| 50          | Good news | 0,001477718  | 0,034016195  | Bad news | 0,000162465  | -0,023839535  | No news | 0,000350701  | 0,005781593 |
| 51          | Good news | 0,002207183  | 0,036223377  | Bad news | -0,000338191 | -0,024177225  | No news | -0,0018808   | 0,003900793 |
| 52          | Good news | 0,001351915  | 0,037575292  | Bad news | 0,001559775  | -0,022617951  | No news | -0,001544632 | 0,002356161 |
| 53          | Good news | -0,000234342 | 0,03734095   | Bad news | 0,000124984  | -0,022492967  | No news | -0,00029403  | 0,002062131 |
| 54          | Good news | 0,000520846  | 0,037861796  | Bad news | 0,000722201  | -0,021770766  | No news | 0,002156881  | 0,004219012 |
| 55          | Good news | 0,001211488  | 0,039073284  | Bad news | 0,000707268  | -0,021063498  | No news | -0,001178426 | 0,003040587 |
| 56          | Good news | 0,00180114   | 0,040874424  | Bad news | -0,00030792  | -0,021371418  | No news | 0,004021357  | 0,007061944 |
| 57          | Good news | 0,000389136  | 0,041263559  | Bad news | 0,000581171  | -0,020790246  | No news | 0,001573537  | 0,008635481 |
| 58          | Good news | -0,000845562 | 0,040417998  | Bad news | -0,003053918 | -0,023844165  | No news | -0,00178259  | 0,006852891 |
| 59          | Good news | 0,001591672  | 0,042009669  | Bad news | -0,000497087 | -0,024341252  | No news | 0,002082995  | 0,008935886 |
| 60          | Good news | 8,61E-06     | 0,042018277  | Bad news | 0,00065408   | -0,023687172  | No news | -0,001335286 | 0,0076006   |

## List over companies in the sample

List over companies in the sample

| NAME                    | ICBIC | Landkode | NAME                  | ICBIC | Landkode |
|-------------------------|-------|----------|-----------------------|-------|----------|
| A P MOLLER - MAERSK 'B' | 2000  | DK       | COMPONENTA            | 2000  | FI       |
| AKTKT.SCHOUW & CO.      | 2000  | DK       | COMPTEL               | 9000  | FI       |
| ALK-ABELLO              | 4000  | DK       | CRAMO                 | 2000  | FI       |
| ARKIL HOLDING           | 2000  | DK       | DIGIA                 | 9000  | FI       |
| ATLANTIC PETROLEUM      | 1     | DK       | DOVRE GROUP           | 2000  | FI       |
| BAVARIAN NORDIC         | 4000  | DK       | ELECSTER 'A'          | 2000  | FI       |
| BIOPORTO                | 4000  | DK       | ELISA                 | 6000  | FI       |
| BRODRENE HARTMANN 'B'   | 2000  | DK       | ETTEPLAN              | 2000  | FI       |
| BRONDBY IF              | 5000  | DK       | EXEL COMPOSITES       | 2000  | FI       |
| CARLSBERG 'B'           | 3000  | DK       | F-SECURE              | 9000  | FI       |
| CEMAT                   | 9000  | DK       | FINNAIR               | 5000  | FI       |
| DALHOFF LAR.& HORNEMAN  | 2000  | DK       | FISKARS 'A'           | 3000  | FI       |
| DFDS                    | 2000  | DK       | FORTUM                | 7000  | FI       |
| DMPKBT.NORDEN           | 2000  | DK       | GLASTON               | 2000  | FI       |
| FIRSTFARMS              | 3000  | DK       | HKSCAN 'A'            | 3000  | FI       |
| FLSMIDTH & CO.'B'       | 2000  | DK       | HONKARAKENNE 'B'      | 3000  | FI       |
| GENMAB                  | 4000  | DK       | HUHTAMAKI             | 2000  | FI       |
| GN STORE NORD           | 4000  | DK       | ILKKA YHTYMA          | 5000  | FI       |
| GREENTECH ENERGY SYS.   | 7000  | DK       | INCAP                 | 2000  | FI       |
| H LUNDBECK              | 4000  | DK       | IXONOS                | 9000  | FI       |
| H&H INTERNATIONAL       | 2000  | DK       | KEMIRA                | 1000  | FI       |
| HOJGAARD HLDG.'B'       | 2000  | DK       | KESKISUOMALAINEN      | 5000  | FI       |
| KOBENHAVNS LUFTHAVNE    | 2000  | DK       | KESKO 'B'             | 5000  | FI       |
| MONBERG & THORSEN 'B'   | 2000  | DK       | KESLA 'A'             | 2000  | FI       |
| NKT                     | 2000  | DK       | KONE 'B'              | 2000  | FI       |
| NORDIC SHIPHOLDING      | 1     | DK       | KONECRANES            | 2000  | FI       |
| NOVO NORDISK 'B'        | 4000  | DK       | LASSILA & TIKANOJA    | 2000  | FI       |
| NOVOZYMES               | 4000  | DK       | LEMMINKAINEN          | 2000  | FI       |
| NTR HOLDING             | 2000  | DK       | MARIMEKKO             | 3000  | FI       |
| PARKEN SPORT & ENTM.    | 5000  | DK       | MARTELA 'A'           | 3000  | FI       |
| ROCKWOOL 'B'            | 2000  | DK       | METSÄ BOARD 'B'       | 1000  | FI       |
| ROYAL UNIBREW           | 3000  | DK       | METSO                 | 2000  | FI       |
| SANISTAL 'B'            | 5000  | DK       | NESTE                 | 1     | FI       |
| SANTA FE GROUP          | 2000  | DK       | NOKIA                 | 9000  | FI       |
| SCANDINAVIAN BRAKE SYS. | 3000  | DK       | NOKIAN RENKAAT        | 3000  | FI       |
| SIMCORP                 | 9000  | DK       | NURMINEN LOGISTICS    | 2000  | FI       |
| SKAKO                   | 2000  | DK       | OLVI 'A'              | 3000  | FI       |
| SOLAR 'B'               | 2000  | DK       | ORIOLA-KD 'B'         | 4000  | FI       |
| SP GROUP                | 1000  | DK       | ORION 'B'             | 4000  | FI       |
| TDC                     | 6000  | DK       | OUTOKUMPU 'A'         | 1000  | FI       |
| TIVOLI 'B'              | 5000  | DK       | OUTOTEC               | 2000  | FI       |
| TORM A                  | 2000  | DK       | PKC GROUP             | 2000  | FI       |
| UNITED INTL.ENTS.       | 3000  | DK       | POHJOIS-KARJALAN KRJ. | 5000  | FI       |
| VELOXIS PHARMACEUTICALS | 4000  | DK       | PONSSE                | 2000  | FI       |
| VESTAS WINDSYSTEMS      | 1     | DK       | POYRY                 | 2000  | FI       |
| AFARAK GROUP            | 1000  | FI       | QPR SOFTWARE          | 9000  | FI       |
| AFFECTO                 | 9000  | FI       | RAISIO                | 3000  | FI       |
| AHLSTROM                | 1000  | FI       | RAMIRENT              | 2000  | FI       |
| ALMA MEDIA              | 5000  | FI       | RAPALA VMC            | 3000  | FI       |
| AMER SPORTS             | 3000  | FI       | RAUTE 'A'             | 2000  | FI       |
| APETIT                  | 3000  | FI       | REVENIO GROUP         | 4000  | FI       |
| ASPO                    | 2000  | FI       | SANOMA                | 5000  | FI       |
| ASPOCOMP GROUP          | 2000  | FI       | SOLTEQ                | 9000  | FI       |
| ATRIA 'A'               | 3000  | FI       | SRV YHTIOT            | 2000  | FI       |
| BASWARE                 | 9000  | FI       | STOCKMANN 'B'         | 5000  | FI       |
| BIOHIT 'B'              | 4000  | FI       | STORA ENSO 'R'        | 1000  | FI       |
| BITTIUM CORPORATION     | 9000  | FI       | SUOMINEN              | 3000  | FI       |
| CARGOTEC 'B'            | 2000  | FI       | TECNOTREE             | 9000  | FI       |

|                          |      |    |                          |      |    |
|--------------------------|------|----|--------------------------|------|----|
| TELESTE                  | 9000 | FI | MEDI-STIM                | 4000 | NO |
| TIETO OYJ                | 9000 | FI | NAVAMEDIC                | 4000 | NO |
| TRAINERS HOUSE           | 9000 | FI | NEL                      | 1    | NO |
| TULIKIVI 'A'             | 2000 | FI | NEXTGENTEL               | 9000 | NO |
| UPM-KYMMENE              | 1000 | FI | NORDIC SEMICONDUCTOR     | 9000 | NO |
| UPONOR                   | 2000 | FI | NORSK HYDRO              | 1000 | NO |
| VAISALA 'A'              | 2000 | FI | NORSKE SKOGINDUSTRIER    | 1000 | NO |
| VALOE CORP               | 2000 | FI | NORWEGIAN AIR SHUTTLE    | 5000 | NO |
| VIKING LINE              | 5000 | FI | NORWEGIAN ENERGY CO.     | 1    | NO |
| WARTSILA                 | 2000 | FI | NRC GROUP                | 2000 | NO |
| WULFF-GROUP              | 2000 | FI | OCEANTEAM                | 1    | NO |
| YIT                      | 2000 | FI | ODFJELL 'B'              | 2000 | NO |
| YLEISELEKTRONIIKKA PREF. | 2000 | FI | OPERA SOFTWARE           | 9000 | NO |
| AF GRUPPEN 'A'           | 2000 | NO | ORKLA                    | 3000 | NO |
| AKASTOR                  | 1    | NO | PETROLEUM GEO SERVICES   | 1    | NO |
| AKER BP                  | 1    | NO | PETROLIA                 | 1    | NO |
| AKVA GROUP               | 2000 | NO | PHOTOCURE                | 4000 | NO |
| AMERICAN SHIPPING CO.    | 2000 | NO | POLARCUS                 | 1    | NO |
| APPTIX                   | 9000 | NO | PROSAFE                  | 1    | NO |
| ARENDAKS FOSSEKOMPANI    | 7000 | NO | Q-FREE                   | 2000 | NO |
| ATEA                     | 9000 | NO | QUESTERRE ENERGY (OSL)   | 1    | NO |
| AUSTEVOLL SEAFOOD        | 3000 | NO | REACH SUBSEA             | 2000 | NO |
| AXACTOR                  | 1000 | NO | REC SILICON              | 1    | NO |
| BELSHIPS                 | 2000 | NO | SALMAR                   | 3000 | NO |
| BERGEN GROUP             | 1    | NO | SEABIRD EXPLORATION      | 1    | NO |
| BIOtec PHARMACON         | 4000 | NO | SEADRILL                 | 1    | NO |
| BONHEUR                  | 1    | NO | SEVEN MARINE             | 1    | NO |
| BORGESTAD 'A'            | 2000 | NO | SIEM OFFSHORE            | 1    | NO |
| BOUVET                   | 9000 | NO | SOLON EIENDOM            | 4000 | NO |
| BW OFFSHORE              | 1    | NO | SOLSTAD OFFSHORE         | 1    | NO |
| CONTEXTVISION            | 2000 | NO | SONGA OFFSHORE           | 1    | NO |
| DATA RESPONS             | 9000 | NO | SPECTRUM                 | 1    | NO |
| DEEP SEA SUPPLY          | 2000 | NO | STATOIL                  | 1    | NO |
| DNO                      | 1    | NO | STOLT-NIELSEN            | 2000 | NO |
| DOF                      | 1    | NO | STRONGPOINT              | 9000 | NO |
| EIDESVIK OFFSHORE        | 1    | NO | SUBSEA 7                 | 1    | NO |
| EKORNES                  | 3000 | NO | TEAM TANKERS INTL.       | 2000 | NO |
| ELECTROMAG.GEOSVS.       | 1    | NO | TECHSTEP                 | 9000 | NO |
| FARSTAD SHIPPING         | 1    | NO | TELENOR                  | 6000 | NO |
| FRED OLSEN ENERGY        | 1    | NO | TGS-NOPEC GEOPHS.        | 1    | NO |
| FRONTLINE                | 2000 | NO | THIN FILM ELECTRONICS    | 2000 | NO |
| FUNCOM                   | 3000 | NO | TOMRA SYSTEMS            | 2000 | NO |
| GAMING INNOVATION GP.    | 2000 | NO | TTS GROUP                | 2000 | NO |
| GOODTECH                 | 2000 | NO | VEIDEKKE                 | 2000 | NO |
| GRIEG SEAFOOD            | 3000 | NO | WEIFA                    | 4000 | NO |
| HAFSLUND 'B'             | 7000 | NO | WENTWORTH RESOURCES      | 1    | NO |
| HAVILA SHIPPING          | 1    | NO | WILHS.WILHELMSEN HDG.'B' | 2000 | NO |
| HEXAGON COMPOSITES       | 2000 | NO | YARA INTERNATIONAL       | 1000 | NO |
| IM SKAUGEN               | 2000 | NO | AARHUSKARLSHAMN          | 3000 | SE |
| INCUS INVESTOR           | 1000 | NO | ABB LTD N (OME)          | 2000 | SE |
| INTEROIL EXP.& PRDN.     | 1    | NO | ACANDO 'B'               | 9000 | SE |
| INTEX RESOURCES          | 1000 | NO | ACTIVE BIOTECH           | 4000 | SE |
| ITERA                    | 9000 | NO | ADDNODE 'B'              | 9000 | SE |
| JINHUI SHIP.& TRSP.      | 2000 | NO | AF 'B'                   | 2000 | SE |
| KITRON                   | 2000 | NO | ALFA LAVAL               | 2000 | SE |
| KONGSBERG GRUPPEN        | 2000 | NO | ANOTO GROUP              | 9000 | SE |
| LEROY SEAFOOD GROUP      | 3000 | NO | ARCAM 'B'                | 2000 | SE |
| MARINE HARVEST           | 3000 | NO | AROS QUALITY GROUP       | 2000 | SE |

|                         |      |    |                          |      |    |
|-------------------------|------|----|--------------------------|------|----|
| ASSA ABLOY 'B'          | 2000 | SE | INTELLECTA 'B'           | 2000 | SE |
| ASTRAZENECA (OME)       | 4000 | SE | INVISIO COMMUNICATIONS   | 9000 | SE |
| ATLAS COPCO 'B'         | 2000 | SE | ITAB SHOP CONCEPT 'B'    | 2000 | SE |
| AVEGA GROUP 'B'         | 9000 | SE | KABE HUSVAGNAR 'B'       | 3000 | SE |
| AXFOOD                  | 5000 | SE | KARO PHARMA              | 4000 | SE |
| BE GROUP                | 1000 | SE | KINDRED GROUP SDR        | 5000 | SE |
| BEIJER ALMA 'B'         | 2000 | SE | KNOW IT                  | 9000 | SE |
| BEIJER ELECTRONICS      | 2000 | SE | LAMMHULTS DESIGN GROUP   | 3000 | SE |
| BEIJER REF AB           | 2000 | SE | LINDAB INTERNATIONAL     | 2000 | SE |
| BETSSON 'B'             | 5000 | SE | LOOMIS 'B'               | 2000 | SE |
| BILIA 'A'               | 5000 | SE | LUNDIN PETROLEUM         | 1    | SE |
| BILLERUD KORSNAS        | 1000 | SE | MALMBERGS ELEKTRISKA 'B' | 2000 | SE |
| BIOGAIA 'B'             | 4000 | SE | MEDIVIR 'B'              | 4000 | SE |
| BIOINVENT INTL.         | 4000 | SE | MEKONOMEN                | 3000 | SE |
| BIOTAGE                 | 4000 | SE | MIDSONA 'B'              | 3000 | SE |
| BJORN BORG              | 3000 | SE | MILLICOM INTL.CELU.SDR   | 6000 | SE |
| BLACK EARTH FARMING SDB | 3000 | SE | MODERN TIMES GP.MTG 'B'  | 5000 | SE |
| BOLIDEN                 | 1000 | SE | MSC GROUP                | 9000 | SE |
| BONG                    | 2000 | SE | MULTIQ INTERNATIONAL     | 9000 | SE |
| BTS GROUP               | 2000 | SE | MYCRONIC                 | 2000 | SE |
| C-RAD 'B'               | 4000 | SE | NCC 'B'                  | 2000 | SE |
| CELLAVISION             | 4000 | SE | NEDERMAN HOLDING         | 2000 | SE |
| CONCORDIA MARITIME 'B'  | 2000 | SE | NET INSIGHT 'B'          | 9000 | SE |
| CONSILIUM 'B'           | 2000 | SE | NETENT                   | 5000 | SE |
| CTT SYSTEMS             | 2000 | SE | NEUROVIVE PHARMACEUTICAL | 4000 | SE |
| DGC ONE                 | 6000 | SE | NEW WAVE GROUP 'B'       | 3000 | SE |
| DORO                    | 9000 | SE | NIBE INDUSTRIER 'B'      | 2000 | SE |
| DUNI                    | 3000 | SE | NOBIA                    | 3000 | SE |
| DUROC 'B'               | 2000 | SE | NOLATO 'B'               | 2000 | SE |
| ELANDERS 'B'            | 2000 | SE | NORDIC MINES             | 1000 | SE |
| ELECTRA GRUPPEN         | 5000 | SE | NOTE                     | 2000 | SE |
| ELECTROLUX 'B'          | 3000 | SE | NOVOTEK 'B'              | 9000 | SE |
| ELOS MEDTECH            | 4000 | SE | ODD MOLLY INTL.          | 3000 | SE |
| ENDOMINES               | 1000 | SE | OEM INTERNATIONAL 'B'    | 2000 | SE |
| ENEA                    | 9000 | SE | OPUS GROUP               | 2000 | SE |
| ENIRO                   | 5000 | SE | OREXO                    | 4000 | SE |
| ERICSSON 'B'            | 9000 | SE | ORTIVUS 'B'              | 4000 | SE |
| EWORK GROUP             | 2000 | SE | PEAB 'B'                 | 2000 | SE |
| FAGERHULT               | 2000 | SE | POOLIA 'B'               | 2000 | SE |
| FEELGOOD SVENSKA        | 4000 | SE | PRECISE BIOMETRICS       | 2000 | SE |
| FINGERPRINT CARDS 'B'   | 2000 | SE | PREVAS 'B'               | 9000 | SE |
| FORMPIPE SOFTWARE       | 9000 | SE | PRICER 'B'               | 2000 | SE |
| G5 ENTERTAINMENT        | 3000 | SE | PROACT IT GROUP          | 9000 | SE |
| GETINGE                 | 4000 | SE | PROBI                    | 4000 | SE |
| GHP SPECIALTY CARE      | 4000 | SE | PROFILGRUPPEN 'B'        | 1000 | SE |
| GUNNEBO                 | 2000 | SE | RAYSEARCH LABS.'B'       | 4000 | SE |
| HALDEX                  | 3000 | SE | REJLERS B                | 2000 | SE |
| HENNES & MAURITZ 'B'    | 5000 | SE | REZIDOR HOTEL GROUP      | 5000 | SE |
| HEXAGON 'B'             | 9000 | SE | ROTTNEROS                | 1000 | SE |
| HEXPOL 'B'              | 1000 | SE | SAAB 'B'                 | 2000 | SE |
| HIQ INTERNATIONAL       | 9000 | SE | SANDVIK                  | 2000 | SE |
| HMS NETWORKS            | 9000 | SE | SCA 'B'                  | 3000 | SE |
| HOLMEN 'B'              | 1000 | SE | SECURITAS 'B'            | 2000 | SE |
| HUSQVARNA 'B'           | 3000 | SE | SEMCON                   | 2000 | SE |
| I A R SYSTEMS GROUP     | 9000 | SE | SENSYS GATSO             | 2000 | SE |
| ICA GRUPPEN             | 5000 | SE | SINTERCAST               | 2000 | SE |
| IMAGE SYSTEMS           | 2000 | SE | SKANSKA 'B'              | 2000 | SE |
| INDUTRADE               | 2000 | SE | SKF 'B'                  | 2000 | SE |

|                          |      |    |                          |      |    |
|--------------------------|------|----|--------------------------|------|----|
| SOFTRONIC 'B'            | 9000 | SE | TRELLEBORG 'B'           | 2000 | SE |
| SSAB 'B'                 | 1000 | SE | TRENTION                 | 3000 | SE |
| STUDSVIK                 | 2000 | SE | TRIGON AGRI              | 3000 | SE |
| SVEDBERGS I DALSTORP 'B' | 2000 | SE | UNIFLEX 'B'              | 2000 | SE |
| SWECO 'B'                | 2000 | SE | VBG GROUP                | 3000 | SE |
| SWEDISH MATCH            | 3000 | SE | VIKING SUPPLY SHIPS      | 2000 | SE |
| SWEDISH ORPHAN BIOVITRUM | 4000 | SE | VITEC SOFTWARE GROUP 'B' | 9000 | SE |
| SWEDOL 'B'               | 5000 | SE | VITROLIFE                | 4000 | SE |
| TELE2 'B'                | 6000 | SE | VOLVO 'B'                | 2000 | SE |
| TELIA COMPANY            | 6000 | SE | XANO INDUSTRI 'B'        | 2000 | SE |
| TRADEDoubler             | 5000 | SE |                          |      |    |