Appendix A: Price Level Version Questionnaire

Dear participant,

thank you for participating in this study! Its goal is to gain further insights into investors' forecasts of the future development of stocks. The questionnaire will take about 15 minutes to be completed. As an incentive, we will randomly select 10 out of all completed questionnaires. Participants who filled out the selected questionnaires will win 20 Euros. Exclusively for this purpose, you will be asked to provide your e-mail address. However, the complete data analysis will be conducted without this information, i.e. anonymously.

In Part I of the questionnaire, you will see index level or price charts for the *DAX index* and *3 other DAX stocks* over the last 6 months. In Part II, you will see price charts for *3 unidentified stocks* over the last 6 months.

In both Part I and Part II, you are asked to provide the following 3 values for each presented time series for a **1 month horizon** and a **6 month horizon**:

- 1. an **upper bound** for the price/index level
- 2. an **estimate** of the price/index level
- 3. a **lower bound** for the price/index level

The true, realized value (i.e. the price of the stock in 1 month respectively 6 months) should ...

- ... exceed the **upper bound** only with a low probability (5 %).
- ... with the same probability be below respectively above the **estimate**.
- ... fall short of the **lower bound** only with a low probability (5 %).

In Part III, the questionnaire ends with some questions regarding your general opinion about stock markets and with some questions about yourself.

Part I: Forecasts of DAX Stocks and the DAX Index









Part II: Forecasts of Unidentified Stocks







Part III: Stock Markets and Demographic Data

Please answer the following questions regarding stock markets in general and about yourself.

Age:									
Gender:	O female	O n	nale						
Field of study:									
Semester:									
How do you ra	te your sta	atistics kn	owledg	e in school grades?					
O 1 O 2	O 3	O 4	O 5	O 6					
Please specify	your gene	ral interes	st in sto	ck and financial markets.	I'm				
O very interest	ed O	interested	l C) not very interested	O not interested at all				
How do you rate your knowledge about stock and financial markets in school grades?									
O 1 O 2	O 3	O 4	O 5	O 6					
Suppose the DAX index would have dropped by 10% over half a year. What development would you expect for the following 6 months?									
O The DAX in O The DAX in O The DAX in	dex contin dex stays dex rises ;	nues to fal at about t again.	ll. he same	e level.					
Suppose the DAX index would have risen by 10% over half a year. What development would you expect for the following 6 months?									
O The DAX index falls again. O The DAX index stays at about the same level. O The DAX index continues to rise.									
Please tick all companies/financial products which you know.									
O BASF O Deutsche Te O Henkel O DAX mutua	lekom l funds/D/	AX index	funds						
Please tick all o	companies	s/financial	l produc	cts which you <i>have in you</i>	er own brokerage account/portfolio.				
O I do not have O BASF O Deutsche Te O Henkel O DAX mutua O I do not have	e any brok lekom l funds/Da e any of th	terage acc AX index tose stock	count/po funds s in my	ortfolio. brokerage account/portfo	olio.				

Your e-mail address: (necessary to participate in the drawing of cash prizes)

Thank you very much for your participation!

Appendix B: Return Version Questionnaire

Dear participant,

thank you for participating in this study! Its goal is to gain further insights into investors' forecasts of the future development of stocks. The questionnaire will take about 15 minutes to be completed. As an incentive, we will randomly select 10 out of all completed questionnaires. Participants who filled out the selected questionnaires will win 20 Euros. Exclusively for this purpose, you will be asked to provide your e-mail address. However, the complete data analysis will be conducted without this information, i.e. anonymously.

In Part I of the questionnaire, you will see index level or price charts for the *DAX index* and *3 other DAX stocks* over the last 6 months. In Part II, you will see price charts for *3 unidentified stocks* over the last 6 months.

In both Part I and Part II, you are asked to provide the following 3 values for each presented time series for a **1 month horizon** and a **6 month horizon**:

- 1. an **upper bound** for the return
- 2. an estimate of the return
- 3. a lower bound for the return

The true, realized return (i.e. the return of the stock over a 1 month respectively a 6 months horizon) should ...

- ... exceed the **upper bound** only with a low probability (5 %).
- ... with the same probability be below respectively above the **estimate**.
- ... fall short of the **lower bound** only with a low probability (5 %).

In Part III, the questionnaire ends with some questions regarding your general opinion about stock markets and with some questions about yourself.

Part I: Return Forecasts for DAX Stocks and the DAX Index









Part II: Return Forecasts for Unidentified stocks



On the left hand side, the price Forecast 6: Stock B chart of Stock B over the last 6 Aktie B months is shown. For the return over 1 respectively 6 months, please 155 state ... 145 ... an upper bound that will be exceeded only with a 5% 135 probability. 음 125 ... a return estimate. 115 ... a lower bound. The true. 105 realized return should fall short 95 of the lower bound only with a Mai 04 Jun. 04 љ1.04 Okt. 04 Nov. 04 Aug.04 Sep.04 5% probability. For the return over 6 months, please state ... For the return over **1 month**, please state an upper bound: ... an upper bound: % % ... an estimate: ... an estimate: % % ... a lower bound: % ... a lower bound: %



Part III: Stock Markets and Demographic Data

Please answer the following questions regarding stock markets in general and about yourself.

Age:									
Gender:	O female	O n	nale						
Field of study:									
Semester:									
How do you ra	te your sta	atistics kn	owledg	e in school grades?					
O 1 O 2	O 3	O 4	O 5	O 6					
Please specify	your gene	ral interes	st in sto	ck and financial markets.	I'm				
O very interest	ed O	interested	l C) not very interested	O not interested at all				
How do you rate your knowledge about stock and financial markets in school grades?									
O 1 O 2	O 3	O 4	O 5	O 6					
Suppose the DAX index would have dropped by 10% over half a year. What development would you expect for the following 6 months?									
O The DAX in O The DAX in O The DAX in	dex contin dex stays dex rises ;	nues to fal at about t again.	ll. he same	e level.					
Suppose the DAX index would have risen by 10% over half a year. What development would you expect for the following 6 months?									
O The DAX index falls again. O The DAX index stays at about the same level. O The DAX index continues to rise.									
Please tick all companies/financial products which you know.									
O BASF O Deutsche Te O Henkel O DAX mutua	lekom l funds/D/	AX index	funds						
Please tick all o	companies	s/financial	l produc	cts which you <i>have in you</i>	er own brokerage account/portfolio.				
O I do not have O BASF O Deutsche Te O Henkel O DAX mutua O I do not have	e any brok lekom l funds/Da e any of th	terage acc AX index tose stock	count/po funds s in my	ortfolio. brokerage account/portfo	olio.				

Your e-mail address: (necessary to participate in the drawing of cash prizes)

Thank you very much for your participation!