

Empirical study on volatility timing skills in Chinese mutual fund market

by

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Abstract

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The purpose of this study is to investigate the volatility timing skill in Chinese mutual fund industry. Mutual fund is the most prevalent investment over the past 20 years and has evolved rapidly with booming economy. Volatility timing skill is the fund managers' ability to capture abnormal returns by predicting the market volatility and correspondingly adjusting the fund's risk exposure. The present study uses Busse's single-factor and multi-factor models to test the existence of volatility timing skill. Among Chinese mutual fund managers, according to the results, only two funds confirm the existence of volatility timing skill. Finally the research concludes that Chinese mutual fund market is not mature and has its own particularity so as to limit the application of volatility timing skill in Chinese mutual fund market.

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Chapter 1

1.1 Introduction

Over the past 20 years, mutual fund market grew dramatically as a new financial intermediary. Due to diversification and liquidity, mutual fund has become one of the most prevalent investment tools in today's financial market. Even though current Chinese mutual fund market is only one sixth of the United States market, it evolved rapidly with increasing investors entering the Chinese financial market. With booming economy, investors indeed made profits in Chinese mutual fund market. Volatility timing skills is the fund managers' ability to make profits by predicting the trend of the market and adjust the risk exposure of mutual fund portfolio. The research concerning volatility timing skills is the main field of evaluating the fund managers' performance. This paper will focus on open-end market and investigate the application of volatility timing skills in Chinese mutual fund market.

1.2 Background

Mutual fund is a kind of investment that collects large amount of fund from many investors in order to invest in securities which include stocks, bonds, money market instruments and real estate assets. Compared to other traditional financial instruments, the advantages of mutual fund include low transaction fee, expertise and diversification.

Mutual fund can be classified based on different principles. In general there are three types based on liquidity: open-end fund, close-end fund and

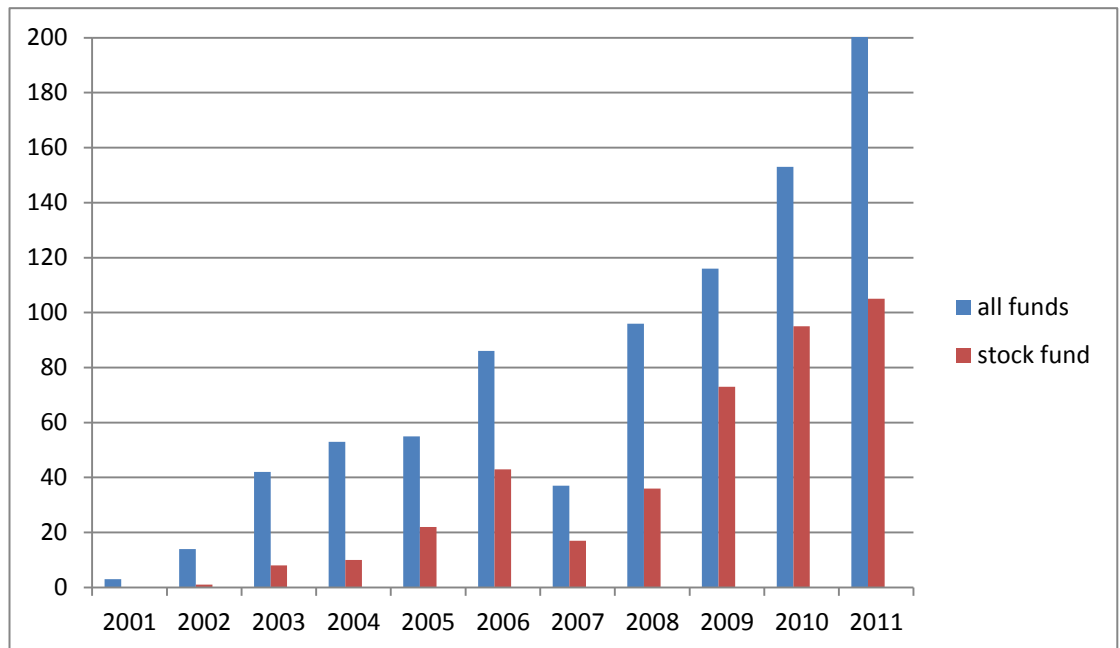
unit investment trust. In terms of main investment types, it can be divided into four categories: money market fund, bond fund, stock fund and real estate fund.

Since the first mutual fund was created in 1924, mutual funds grew significantly for the past 90 years and have become one of the most popular investment instruments. As the Investment Company Institute's official claimed, the combined assets of nation's mutual fund reached 11.962 trillion in May 2012 with the impact of financial crisis. Before the crisis happened in 2008, the assets of mutual funds in the world were 12.06 trillion 2007.

In recent years, the mutual fund industry has blossomed and become the main driver of share price in Chinese financial market. However, with China's entry into the World Trade Organization, the financial system is challenged and calls for changes that has attracted foreign investments. In 1988, the first two close-end funds were created and in 2011, the first open-end fund was established. By now, there are 68 close-end funds and 939 open-end funds in the Chinese mutual fund industry which manage the assets worth \$30.2 billion. There is no doubt that the Chinese mutual fund industry has great potential and high growth rates for investors. However, at the same time, the risk exposure associated with mutual fund volatility cannot be ignored.

Figure 1 shows the development of mutual fund market in China. In the 10-year period (2001-2011), the amount of mutual fund increased from 5 to 207. The scale of Chinese mutual fund market is gradually increasing.

Figure 1 Development of mutual fund market in China



Source: from Wind

In history many indicators such as Sharpe ratio, Treynor ratio and Jensen alpha have been developed to evaluate the performance of mutual fund. Even though these indicators are risk-adjusted, they all have inherent and inevitable weaknesses which limit the application of these indicators to the investors. Volatility timing skill is a new developed achievement which aims at capturing real economic benefits. Besides, the benefits are robust to real considerations such as expected risk. Compared with the theory of timing the market by predicting the price change tendency, volatility timing means the fund managers tend to adjust the risk profile in order to increase the investment utility based on the volatility conditional of mutual fund. Volatility timing skill is a part of mutual fund performance evaluation system and relates to the evaluation of the fund manager. The investors will depend on the volatility

timing skill to select appropriate manager to manage the mutual fund.

In the financial market, the return of mutual fund is almost impossible to predict. But the volatility can be predicted because it persists over time. Bollerslev, Chou and Kroner(1992) pointed out the high volatility is always followed by high volatility; low volatility is always followed by low volatility. Therefore, volatility timing can create substantial benefits by adjusting the risk exposure corresponding to the change of volatility of mutual fund market. Busse(1998) researched and found that most of mutual fund manager behaves like volatility timer. They increase the risk exposure when the market volatility is high while decrease the risk exposure when the volatility is low.

1.3 Objective

Open-end funds had developed for 10 years since 2001 in Chinese financial market. During this 10-year development, the open-end fund market tends to be more complete and effective. The performance of mutual fund manager depends on the ability of fund selectivity skills and asset allocation skills. Volatility timing skills is one of important criteria to evaluate the managers' performance. Therefore, in this paper, I will concentrate on the application of volatility timing skills in Chinese mutual fund market and the evaluation of mutual fund managers' performance.

1.4 Limitations

Chinese open-end fund market has developed for only ten years since 2001. As a result, the market is not effective and mature. There are some

flaws both in the operation and regulation system. Besides, the fund managers are not experienced in daily operation with changing market condition. This paper focused on the Chinese mutual fund market. Due to the limitations, the research results may not as good as that of the mature market in developed countries.

1.5 Chapter organization

This paper consists of 5 chapters. The first part is the introduction about the mutual fund development, mutual fund market in China and brief overview of volatility timing skills. In the Second part, there is literature review which includes the research in this area. Volatility timing is a new development to evaluate the mutual fund managers' performance. Several researches have been conducted to explore and investigate the existence and effect of volatility timing skills. The third part explains the methodology of this dissertation. I will list the model and data which I will use to evaluate the application of volatility timing skills in Chinese mutual fund market. The fourth part will present the results of the research and analysis the implication of the results. The last part is the conclusion drawn from the analysis and some recommendation to the future researches.

Chapter 2

Literature review

This chapter will first introduce the theoretical basis of market timing skills which is Capital Asset Pricing Model and APT theory and then explain the research concerning market timing skill and volatility timing skill in detail.

2.1 The theoretical basis for market timing

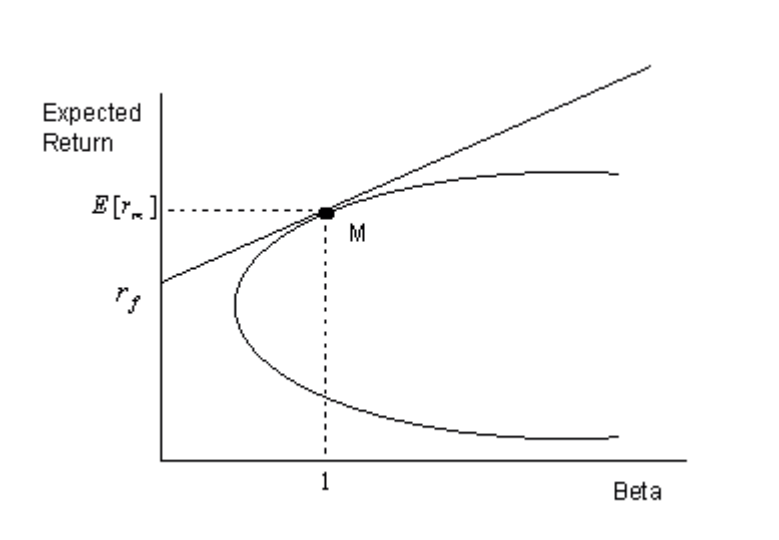
2.1.1 Capital Asset Pricing Model

Market timing skills is built on the basis of Capital Asset Pricing Model (CAPM). Even though CAPM has some unrealistic assumptions which limit its application, the early research is based on the CAPM. Based on modern portfolio theory, William Sharpe (1964) introduced the Capital Asset Pricing Model. CAPM is used to value the securities and shows the relationship between expected return and relating risk. Theoretically, if the investors hold a well-diversified portfolio, CAMP can determine the required return. Until now, this method is widely utilized by the investors and analysts to estimate the expected return for different classes of risks. Risk can be classified into systematic risk and unsystematic risk. As Herbison (2003) stated “do not keep all your eggs in one basket”, through diversification, the financial instruments will only expose to systematic risk which cannot be wiped out.

Figure two shows the Capital Asset Pricing Model. CAMP shows the relationship between the expected return and systematic risk. According to the model, the investors can only achieve the return based on the level of

systematic risk, not the whole risk. Besides, the relationship between the expected return and systematic risk is linear and positive which means the change of the expected return reacts positively and proportionally to the change of systematic risk. Last but not least, aggressive stocks which have beta greater than 1 will react more than the market. Defensive stocks which have beta less than 1 tend to experience smaller the change of the market.

Figure 2: Capital Asset Pricing Model



$$E(R_p) = R_f + \beta * (E(R_m) - R_f)$$

Source: global financial management: asset pricing model

However, the assumptions of the Capital Asset Pricing Model are unrealistic and unrealizable. Specifically, one of the assumptions is that it assumes there is no taxed or transactions cost in the market which means the economy is frictionless. But in real life, this is impossible. Besides, the model assumes that each investor will choose to hold the market portfolio which is a value-weighted index of all securities. However, in reality, the investors will choose stock index as a proxy to follow. The results challenged the validity of

CAPM (Richard, 1977). Last but not least, Banz (1981) also analyzed the historical statistics of small stocks and found out that the average return gained by small stocks is higher than the amount calculated by CAPM. Therefore, the model has deficiencies and limits.

2.1.2 Arbitrage Pricing Theory

As an alternative of Capital Asset Pricing Model, Multifactor Model is an improved method to price the assets. Ross and Roll (1980) introduced the model to explain the expected return with the impact of different factors. These two models have different theoretical basis. As introduced before, CAPM is based on modern portfolio theory. Multifactor model is based on arbitrage pricing theory (APT). The assumptions of arbitrage pricing theory are less restrictive than modern market theory. Three main assumptions states as following:

1. There is linear relationship between some systematic risk factors and securities' return. The investors should identify the risk factors and their sensitivities.
2. The market is competitive. That is there is impossible for investors to achieve persistent arbitrage opportunity.
3. The investors can hold enough securities to diversify the firm specific risk.

Under APT, the asset is mispriced if the market price is different from the result calculated from the model. If this is the case, the investors will gain arbitrage opportunity. They can long the securities if the assets are

underpriced and short the securities if the assets are overpriced without any risk.

Multifactor model assumes the expected return is achieved by several sources of factors such as interest rate, inflation and changes in GNP. Compared with CAPM, Multifactor Model has less assumptions limits and becomes more realistic. For example, the model could include many factors to be considered to determine the expected return of financial instrument. It can more precisely predict the return on the securities. Besides, the model allows the investors to hold their unique portfolio instead of “market portfolio” in CAPM. To some extent, CAPM can be treated as a special form of multifactor model. As a result, multifactor model is more realistic.

However, multifactor model also have some difficulty to apply. First of all, it is not easy to identify and ensure the number and source of the factors. Several factors will affect the expected return of securities. For the investors, identifying the risk factors and the sensitivities is difficult. Even the scholars and professionals cannot agree with each other in determining the factors. Besides, if the investors choose too much factors, statistical noise will appear which have an effect on the model results.

2.2Market timing skills

In general, the research methodology on market timing skills can be divided into two categories: parameter and non-parameter research methods. Parameter method is more prevalent in the financial field and includes

time-series method and portfolio event study method. Time-series method means using the mutual fund return rate based on multiple regression results to analyze the market timing parameter in a specific model. According to the difference of risk exposure evaluation in the financial system, it can be further subdivided into return market timing skills and volatility timing skills. The following is focus on introducing the time-series research method in detail.

2.2.1 Market timing skills

The traditional market timing skill model is established on the basis of Jensen alpha which is a useful performance metric for the investors. Unlike Sharpe ratio and Treynor ratio, Jensen alpha measures the relationship between average fund returns and average market returns. In 1967, Michael C. Jensen introduced Jensen alpha as a new measurement of mutual fund performance. If Jensen alpha is positive, it represents the mutual fund outperform the market. If the result is negative, it means the mutual fund underperform the market. Jensen alpha is the measurement of mutual fund relative to the benchmark. It assumes the beta of the fund is constant through time.

Jensen alpha can also be separated into two components. One is selectivity skills. The other is asset allocation skills. These two skills are used to evaluate the mutual fund managers' performance which directly related to the return. Either good selectivity skills or good asset allocation skills may lead to positive alpha.

Based on the research of Jensen alpha, Treynor and Mazuy (1966) are the first scholars who set up models to investigate and analyze the market timing skill. They found that the fund managers can predict the tendency of the stock market and promptly adjust the portfolio if they understand the market timing skills. Specifically, when the fund managers think the stock market will drop in the near future, they will decrease the proportion of high volatile securities in their portfolio; while when the managers think the stock market will boom in short time, they will adjust the portfolio and hold more high volatile securities. Therefore, the β is no longer stationary which means beta changes through time. The effect is that the relationship between mutual fund return and market return is no longer linear. Based on this, Treynor and Mazuy put forward a new model based on Capital Asset Pricing Model. In this model, the indicator beta will reflect whether the mutual fund have market timing skills. A successful fund manager can increase beta of mutual fund when the market is in rally and decrease beta of the mutual fund when the market is in decline. In order to testify whether the fund managers have marketing timing skills, Treynor and Mazuy selected 57 open-end funds in the United States mutual fund market from 1953 to 1962 and use T-M model. The result shows there is no evidence that presents fund managers can predict the market timing. The abnormal return achieved by the fund managers is derived from the ability of organizing undervalued industries and stocks rather than the ability of precisely predicting the change of the market.

Fama (1972) subdivided the predicting ability of fund managers and defined each item carefully. In his opinion, the forecasting skills can be divided into two parts: microforecasting and macroforecasting. Microforecasting means forecasting the change of single stock relative to other stocks which is security selection skill. Macroforecasting means the change tendency of the whole stock market relative to the price change of fixed income securities which is market timing skill. Later, Treynor and Mazuy pointed out the above two skills can be effectively separated to analyze.

Later the research emphasis is concentrated on market timing skill. Merton(1981) put forward a model which can predict the market timing. This model is mainly used for judging when the stock return is better than or worse than the fixed income securities return. However, the model did not measure the abnormal return. Later, Henriksson and Merton (1984) complete Merton's model. They developed H-M model to measure the change of mutual fund return caused by market timing skills. They thought the market timing skill of the fund managers is not precise and effective. The fund managers can predict the comparison between market return and risk-free return rather than the difference between stock market average return rate and risk-free rate. If the fund managers' prediction can be observed, the investors can use non-parameter method to examine. However, it is not easy to observe the fund managers' market timing skill. The investors can obtain the real time-series return of the mutual fund. Therefore, Henriksson and Merton

developed H-M which is also based on CAPM. In 1984, Henriksson and Merton conducted a research on 116 United States open-end funds to test the volatility timing skill from 1986 to 1980. Nevertheless, there is still no robust evidence to support the success of volatility timing skill in practical application. Most of later researches support the conclusion that the fund managers do not have market timing skill. Bhattacharya and Pfleiderer (1983) thought traditional performance evaluation will underestimate the performance if the model does not take the market timing into consideration.

Change and Lewellen (1984) optimized the H-M model and developed C-L model. Chang and Lewellen selected 67 mutual funds in 1970s and used the above model with regression. The empirical result is the same with the hypothesis that in the research period the fund managers did not have flexible market timing skill and even did not have security selection skill. The biggest contribution of C-L model is that it distinguished different β under different market conditions.

2.2.2 Volatility timing skill

After 1990s, the scholars have turned the spotlight on volatility timing skill in financial field. Volatility timing skill plays important role in pricing the derivatives, selecting the optimal portfolio and risk management. A lot of professionals proved that it is possible to forecast the volatility through empirical studies. Graham and Harvey (1996) exclusively studied the trading rules used to observe the predictive change of volatility. The volatility

forecasting is quickly used in the market timing skill. Volatility timing skill focuses on the fund managers' ability to adjust the market exposure with continuously changing market volatility. Compared with the market return, market volatility is easier and more precisely to predict.

Busse (1999) proved the relationship between the beta of the mutual fund and market volatility. When the market volatility increases, the beta will decrease which the market exposure will drop. Busse selected 230 open-end stock funds during 10-years period to analyze. The test results show the mutual fund can decrease the market exposure when the market volatility is high. Besides, the volatility timing skills can enhance the mutual fund performance without increasing other extra risk such as interest risk.

The relationship between market volatility and the beta of mutual fund can be disturbed by other factors. In Busse's research he controlled these external factors to exclude the effects. The external factors include the following:

- (1) The mutual fund beta will spontaneously decrease with increasing market volatility. Due to the fact that the volatility timing skill is man-made adjustment. If the mutual fund beta spontaneously adjusts itself, it can no longer measure the volatility timing skill of fund managers. As a result, it needs to establish another portfolio which is similar with the mutual fund to compare with the mutual fund. These two portfolio need to have similar average return and standard deviation. The only difference is the portfolio used to compare lacks

of operation by the fund managers. Through the comparison between different beta results, the experiment can illustrate there is volatility timing skill when the change of beta is significantly different.

(2) It may create other risks. These risks mainly are derived from the interest rate of fixed income securities. Scruggs (1998) pointed out that when the market volatility is high, the fund managers are inclined to reduce the stock market risk exposure. However, at the same time, it is likely to bring about other risks. In this circumstance, market timing skill has adverse effects. Busse conducted another research and test whether the interest rate risk is higher for the mutual fund with passive market timing skill. The results show the interest rate risk for most of the mutual funds did not increase.

(3) The systematic risk of mutual fund will decrease caused by cash inflow. Ferson and Warther (1996) stated that the mutual fund will not immediately allocate money in the stock market when there is large amount of cash inflows. In this circumstance, the return increase caused by the cash inflow has nothing to do with stock market. According to CAPM, the systematic risk of mutual fund will decrease. If there is positive relationship between cash inflow and market volatility. That is to say, the market volatility will increase when cash inflow increases. Even though the fund managers do not adjust according to the volatility change, there is volatility timing illusion with systematic risk decreasing. In order to solve this problem, Busse used P-value test to investigate the volatility timing factors and cash inflow and

concluded that there is no significant relationship between these items.

Chapter 3

Methodology

This chapter will illustrate the models and data concerning volatility timing skill which will be used in the research. The analysis is aimed at testing whether volatility timing skill exists in Chinese mutual fund market. In this chapter, I will use Busse single-factor and multiple-factor model to test whether there is volatility timing skill in Chinese open-end fund market.

3.1 Sample selection and data source

According to the statistics from www.chinafund.cn, there are 1103 open-end funds and 42 close-end funds in Chinese mutual fund market. Based on different categories, it can be divided into stock funds, index funds, bond funds, balanced funds and QDII. Stock funds mainly invest in financial instruments with good liquidity especially focusing on those profitable listed companies with great growth potential. Therefore, the fund managers of stock fund are more likely to operate and adjust frequently which is good for the research to test the significance of volatility timing skill. The data details are derived from www.chinafund.cn and <http://www.shibor.org/shibor/web/html/> which are the largest and famous financial institutions in China whose data are reliable. I will select 30 stock funds which at least have 3 years releasing history and use daily return rate to conduct the regression to test the significance of the parameter because the monthly data cannot fully capture the dynamic effect of volatility timing skill. The experiment time period is

selected from 2010 to 2011. Even though the financial crisis happened in 2008 have an adverse effect on Chinese mutual fund market, the fund managers still operate actively and adopt skills including volatility timing skill to pursue superior abnormal return. As a result, the model and the data are reasonable and effective in the experiment time period in Chinese mutual fund market.

3.2 The models to test volatility timing skill

In order to test whether there is volatility timing skill in Chinese open-end fund market, I will use Busse single-factor and multiple factor model to figure out. In the early researches, T-M and H-M model are used to investigate market timing skill. As the important part of market timing skill, volatility timing skill can also be analyzed and tested on the basis of these models. However, volatility timing skill is developed in recent years and the professionals incorporate the effect of market volatility into the model. Busse developed T-M and H-M model and introduced the volatility variable which is $r_{m,t}(\sigma_{m,t} - \overline{\sigma_m})$ into the models.

Busse single-factor model:

$$R_{p,t} - R_f = \alpha + \beta_1(R_{m,t} - R_f) + \gamma_{mp}(\sigma_{m,t} - \overline{\sigma_m})(R_{m,t} - R_f) + \epsilon_t \dots \dots \dots (1)$$

Where,

$R_{p,t}$: The return of open-end fund,

R_f : Risk-free rate,

α : Constant term, like Jensen alpha, which measure security selection skill,

β_1, γ_1 : The sensitivity of each factors,

$R_{m,t}$: The market return rate,

$\sigma_{m,t}$: Standard deviation of daily market returns,

$\overline{\sigma_m}$: Average/mean standard deviation of daily market return,

ε_t : Random shock with zero mean,

Busse multiple-factor model

$$R_{p,t} - R_f = \alpha + \beta_1(R_{m,t} - R_f) + \gamma_{mp}(\sigma_{mt} - \overline{\sigma_m})(R_{m,t} - R_f) + \beta_2 r_{SMB} + \beta_3 r_{HML} + \varepsilon_t \dots \dots \dots (2)$$

r_{SMB} : The scale rate of return,

r_{HML} : The value rate of return,

and all other variables are as defined in equation (1)

ε_t : Random shock with zero mean

In order to test the existence of volatility timing skill, we will use t-test to investigate the significance of γ_{mp} .

$H_0: \gamma_{mp} = 0$, it shows there is no volatility timing skill.

$H_1: \gamma_{mp} \neq 0$, it shows there is volatility timing skill

Besides, if $\gamma_1 > 0$, the fund managers have poor volatility timing skill. If $\gamma_1 < 0$, the fund managers have good volatility timing skill. The smaller the γ_1 is, the better volatility timing skill the fund managers have.

Chapter 4

Results Analysis

This chapter will analyze the results conducted from Busse single factor and multifactor model. The results will represent whether there is volatility timing skill in Chinese open-end fund market and the impact of volatility timing skill in open-end fund performance.

4.1 Busse single factor model

In order to test the volatility timing skill in Chinese open-end fund market, we use Busse single-factor model. The dependent variable is $R_{p,t} - R_f$. The independent variable is $R_{m,t} - R_f$ and the product between $(\sigma_{mt} - \overline{\sigma_m})$ and $(R_{m,t} - R_f)$. α represents the security selection skill and γ_{mp} shows the volatility timing skill.

Table 4.1: single-factor regression results

Table 4.1 shows the coefficient of each factor in equation 1 which influences the abnormal return of open-end funds.

Open-end fund code	R-squared	α	β_1	γ_{mp}	P value for γ_{mp}
000001	0.3928	-0.0004645(-0.90)	0.6365528(16.79)	-0.0208893(-0.05)	0.957
000031	0.628	0.0003116(0.78)	.7994857(27.2)	.0059472(0.02)	0.98

	5	)	3)		4
020010	0.827	.0001995(0.82)	.8039654(45.1	.3228598(1.78)	0.07
	7		2)		6
040001	0.717	-.0000611(-0.2	.6694929(32.8	.2662007(1.28)	0.20
	7	2)	2)		1
040005	0.852	.0001256(0.56)	.8195654(50.1	-.028647(-0.17)	0.86
	0		0)		4
040008	0.750	-.000028(-0.10)	.7685513(35.6	.145098(0.67)	0.50
	7		7)		5
040011	0.316	-.0006689(-0.9	.7463208(14.0	.250723(0.46)	0.64
	6	2)	4)		4
050008	0.550	-.000135(-0.35)	.6496856(22.6	.3666082(1.26)	0.21
	8		7)		0
050004	0.802	-.0000846(-0.3	.7882784(41.5	.2697141(1.4)	0.16
	5	3)	7)		3
050009	0.576	-.0006018(-1.4	.7366523(24.0	.2796992(0.89)	0.37
	1	4)	1)		1
050010	0.642	-.0001074(-0.2	.8472034(27.7)	.2301501(0.74)	0.46
	3	6)			0
070006	0.694	.0004179(1.37)	.6894182(30.7	.4386149(1.92)	0.05
	2		6)		5
070013	0.525	.0000737(0.19)	.6323498(21.7)	.2123846(0.72)	0.47

	3				5
070099	0.585	.0005157(1.41)	.6552906(24.4	.2853903(1.04)	0.29
	5		4)		7
080001	0.548	.0000653(0.19)	.5602848(22.4	.3839989(1.51)	0.13
	2		5)		2
090007	0.689	.0001399(0.43)	.7382403(30.7	.2545566(1.04)	0.29
	3		2)		9
110002	0.773	.0000845(0.31)	.7548221(38.0	.2710505(1.34)	0.18
	2		6)		0
110005	0.586	-.0004911(-1.2	.7349697(24.7	.0873713(0.29)	
	4	1)	4)		0.77
					3
110009	0.709	-.0002554(-0.7	.8099367(32.6	-.0718188(-0.2	0.77
	1	6)	5)	8)	6
110011	0.667	.0003264(0.86)	.8302932(29.6	-.141949(-0.50)	0.61
	4		9)		9
110013	0.699	.0000139(0.04)	.7835869(31.9	-.0886525(-0.3	0.72
	6		3)	5)	3
110029	0.731	-.0000196(-0.0	.7442846(33.9)	.3357781(1.5)	0.13
	4	7)			4
121002	0.790	.0000668(0.37)	.5358893(40.5	-.0095299(-0.0	
	5		3)	7)	0.94

					4
121003	0.721 3	-.0002612(-0.8 8)	.7154293(32.9 6)	.3852647(1.74)	0.08 2
121005	0.442 5	-.0004396(-0.7 9)	.7433(18.31)	.3268725(0.79)	0.43 0
121008	0.477 2	-.0004473(-0.9 0)	.7159549(19.6 7)	.2871001(0.77)	0.43 9
151001	0.578 1	.0001644(0.53)	.5426678(23.8 2)	.3936221(1.7)	0.09 1
160105	0.626 3	-.0000433(-0.1 2)	.6706609(26.3 3)	.5004608(1.93)	0.05 4
160106	0.721 2	.0001231(0.38)	.7850628(32.6)	.6568566(2.68)	0.00 8
160314	0.713 1	.0000942(0.32)	.714509(32.57)	.2068198(0.32)	0.35 5

From the Table 4.1, we can see the results from the Busse model. Among the above open-end stock funds, R square is larger than 0.5 which means the data suits the model good. However, only 1 fund whose code is 160106 has γ_{mp} which is significant with 5% confidence level. That means only this stock fund shows volatility timing skill during the research period from 2010 to 2011. But it should be noted that γ_{mp} is positive which means the fund managers have poor volatility timing skill. Even with 10% significance level, only 5

open-end stock funds have volatility timing skill. Besides, α is not significant with 5% confidence level. That is to say, the security selection skill is also not obvious in Chinese open-end fund market. Only β_1 is significant with 5% confidence level.

From the above analysis, volatility timing skill cannot be fully tested under Busse single-factor model. Using daily return during the research period the volatility timing skill and security selection skill are not significant during the research period.

4.2 Busse multi-factor model

In order to further test the volatility timing skill in Chinese open-end fund market, we also use Busse multi-factor model. In fact, Busse single-factor model do not take all the factors into consideration. It cannot capture the difference between different funds according to the types. As a result, Busse multi-factor model is a better choice to investigate the volatility timing skill. The independent variable is $R_{p,t} - R_f$. The independent variable is $R_{m,t} - R_f$, the product between $(\sigma_{mt} - \overline{\sigma_m})$ and $(R_{m,t} - R_f)$, R_{SMB} and R_{HML} . α represents the security selection skill and γ_{mp} shows the volatility timing skill.

Table 4.2: multi-factor regression result

Table 4.2 shows the coefficient of each factor in equation (2) which influences the abnormal return of open-end funds.

Open	R-sq	α	β_1	β_2	β_3	γ_{mp}	P
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-end fund code	uare						val ue for Y _{mp}
0000 01	0.46 81	-.000673 3(-1.39)	.6286343 (17.55)	.372997(6.64)	.0075348(0.05)	-.125588 2(-0.35)	0.7 30
0000 31	0.89 57	-.000058 3(-0.27)	.77799 (49.33)	.642705(26.00)	-.2225004 (-3.37)	-.240342 9(-1.50)	0.1 34
0200 10	0.88 95	.0000571 (0.29)	.7909965 (54.90)	.2361585 (10.46)	-.2338148 (-3.880)	.1898078 (1.3)	0.1 95
0400 01	0.89 19	-.000279 2(-1.62)	.6509586 (51.08)	.3647929 (18.26)	-.3162233 (-5.93)	.073254(0.57)	0.5 72
0400 05	0.92 70	-.000037 5(-0.24)	.8071724 (69.59)	.2764874 (15.21)	-.1900521 -3.92)	-.161001 1(-1.37)	0.1 72
0400 08	0.88 25	-.000229 2(-1.14)	.7483698 (50.53)	.3291201 (14.18)	-.3890573 (-6.28)	-.058015 (-0.39)	0.7 00
0400 11	0.42 05	-.000962 3(-1.44)	.7249885 (14.67)	.4993229 (6.45)	-.3117705 (-1.51)	.0204997 (0.04)	0.9 67
0500 08	0.59 76	-.000252 8(-0.68)	.6372672 (23.26)	.1911564 (4.45)	-.2468632 (-2.15)	.2427911 (0.87)	0.3 83
0500	0.86	-.000231	.7767189	.2487419	-.1832808	.1471997	0.3

04	42	9(-1.08)	(48.94)	(10)	(-2.76)	(0.91)	62
0500	0.65	-.000762	.7181995	.2565102	-.3849065	.0985396	0.7
09	22	1(-0.21)	(25.60)	(5.83)	(-3.28)	(0.35)	30
0500	0.67	-.000229	.835079(	.1996448	-.2324714	.1079296	0.7
10	60	3(0.565)	28.42)	(4.33)	(-1.89)	(0.36)	18
0700	0.89	.0001631	.6704818	.4327644	-.2836371	.2353231	0.0
06	35	(0.90)	(50.22)	(20.68)	(-5.08)	(1.74)	83
0700	0.71	-.000187	.6127439	.4436149	-.296587(	.0023621	0.9
13	88	7(-0.61)	(27.06)	(12.50)	-3.13)	(0.01)	92
0700	0.82	.000239(	.6306917	.4600184	-.4355548	.0317834	0.8
99	97	1.02)	(36.64)	(16.91)	(-6.00)	(0.18)	57
0800	0.76	-.000187	.5453046	.4387846	-.1610339	.2132912	0.2
01	16	7(-0.76)	(29.76)	(15.29)	(-2.10)	(1.15)	52
0900	0.84	-.000095	.7182026	.3928387	-.3428905	.0461167	0.7
07	99	1(-0.42)	(42.58)	(14.86)	(-4.86)	(0.27)	88
1100	0.90	-.000123	.737786(	.3489375	-.2817077	.0923024	0.4
02	50	2(-0.70	56.92)	(17.17)	(-5.19)	(0.70)	84
1100	0.77	-.000767	.7125811	.4646752	-.3662064	-.148163	0.5
05	46	3(-2.56)	(32.18)	(13.39)	(-3.95)	4(-0.66)	10
1100	0.78	-.000432	.7979157	.3041731	-.1607096	-.203889	0.3
09	11	8(-1.47)	(36.73)	(8.93)	(-1.77)	8(-0.92)	56
1100	0.91	.0000104	.8(55.5	.5203018	-.5667277	-.449524	0.0

11	34	(0.05)	2)	(23.04)	(-.94)	1(-3.07)	02
1100	0.84	-.000217	.7637012	.3866763	-.342379(	-.295184	0.1
13	47	5(-0.9)	(42.88)	(13.85)	4.59)	7(-1.63)	03
1100	0.87	-.000209	.7206642	.2993857	-.5117218	.1068544	0.4
29	18	4(-1.01)	(47.06)	(12.47)	(-7.99)	(0.69)	92
1210	0.89	-.000064	.5266302	.224255(	-.1303747	-.110227	0.2
02	23	5(-0.5)	(55.02)	14.95)	(-3.26)	8(-1.13)	58
1210	0.84	-.000453	.6981783	.3202449	-.3070014	.2076548	0.2
03	34	9(-2.04)	(42.5)	(12.44)	(-4.47)	(1.24)	14
1210	0.55	-.000683(	.7212709	.4038616	-.3953723	.1005903	0.7
05	46	-1.38)	(19.69)	(7.03)	(-2.58)	(0.27)	87
1210	0.59	-.000694	.6980913	.4204986	-.2595173	.0940701	0.7
08	70	2(-1.59)	(21.63)	(8.31)	(-1.92)	(0.29)	74
1510	0.85	-.000104	.5254761	.4627355	-.2116271	.2018986	0.1
01	56	2(-0.57)	(39.05)	(21.94)	(-3.76)	(1.48)	40
1601	0.79	-.000277(	.6518599	.3933628	-.3054574	.3023457	0.1
05	12	-1.06)	(33.90)	(13.05)	(-3.80)	(1.55)	22
1601	0.87	-.000122	.7640339	.4109559	-.3607173	.4382404	0.0
06	86	8(-0.56)	(47.62)	(16.34)	(-5.37)	(2.69)	07
1603	0.90	-.000180	.7008094	.4833159	-.0933755	.0422934	0.7
14	95	8(-1.07)	(56.34)	(24.79)	(-1.79)	(0.33)	38

From the Table 4.2, we can see the results conducted from the Busse

multi-factor model. Among the above open-end stock funds, R square is also larger than that of Busse single-factor model which means the data suits multi-factor model better. 2 funds whose code is 160106 and 110011 have γ_{mp} which is significant with 5% confidence level. That means only these two stock funds show volatility timing skill during the research period from 2010 to 2011. Besides, α of two funds is significant with 5% confidence level. That is to say, only the fund managers of these two funds whose code is 121003 and 110005 have security selection skill. For most of the open-end stock funds in the research, β_1 , β_2 and β_3 are significant with 5% confidence level.

Chapter 5

Conclusion and recommendation

According to the above research, Busse multi-factor model is more suitable and reasonable to investigate volatility timing skill than Busse single-factor model. The multi-factor model took more factors into consideration. However, in the research, there are only a few open-end stock funds which show volatility timing skill. The reason can be summarized into three aspects: financial crisis, Chinese financial system and development history. The financial crisis happened in 2008 challenged the economy in the whole world. Chinese financial market suffered from great losses and it is no doubt that Chinese mutual fund market is in decline as well. Besides, Chinese financial system is different from the other countries in the world. Its particularity determines that the research about volatility timing skill should take more factors into consideration in the model. Last but not least, the open-end fund market in China developed for only 10 years. The fund managers are not experienced in the operation.

In terms of future research on volatility timing skill in Chinese mutual fund market, the researches could extend to non-parameter method. Currently, the researches about volatility timing skill are concentrated on parameter method. Non-parameter method has great potential in testing volatility timing skill. Besides, the multi-factor model can be modified with consideration of Chinese mutual fund market condition. Chinese scholars can developed its own model

combined with Chinese specific influencing factors to investigate volatility timing skill in Chinese mutual fund market.

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Appendix

code:000001

code:000031

time	open	close	time	open	close
2011/1/4	1.186	1.206	2011/1/4	1.487	1.503
2011/1/5	1.206	1.209	2011/1/5	1.503	1.504
2011/1/6	1.209	1.202	2011/1/6	1.504	1.49
2011/1/7	1.202	1.194	2011/1/7	1.49	1.474
2011/1/10	1.194	1.174	2011/1/10	1.474	1.44
2011/1/11	1.174	1.163	2011/1/11	1.44	1.427
2011/1/12	1.163	1.162	2011/1/12	1.427	1.43
2011/1/13	1.162	1.167	2011/1/13	1.43	1.436
2011/1/14	1.167	1.153	2011/1/14	1.436	1.407
2011/1/17	1.153	1.119	2011/1/17	1.407	1.356
2011/1/18	1.119	1.122	2011/1/18	1.356	1.359
2011/1/19	1.122	1.147	2011/1/19	1.359	1.397
2011/1/20	1.147	1.12	2011/1/20	1.397	1.354
2011/1/21	1.12	1.125	2011/1/21	1.354	1.356
2011/1/24	1.125	1.114	2011/1/24	1.356	1.329
2011/1/25	1.114	1.106	2011/1/25	1.329	1.311
2011/1/26	1.106	1.127	2011/1/26	1.311	1.336
2011/1/27	1.127	1.15	2011/1/27	1.336	1.358
2011/1/28	1.15	1.154	2011/1/28	1.358	1.371
2011/1/31	1.154	1.168	2011/1/31	1.371	1.395
2011/2/1	1.168	1.165	2011/2/1	1.395	1.397
2011/2/9	1.165	1.162	2011/2/9	1.397	1.385
2011/2/10	1.162	1.178	2011/2/10	1.385	1.415
2011/2/11	1.178	1.182	2011/2/11	1.415	1.431
2011/2/14	1.182	1.204	2011/2/14	1.431	1.466
2011/2/15	1.204	1.205	2011/2/15	1.466	1.468
2011/2/16	1.205	1.225	2011/2/16	1.468	1.492
2011/2/17	1.225	1.233	2011/2/17	1.492	1.495
2011/2/18	1.233	1.217	2011/2/18	1.495	1.482
2011/2/21	1.217	1.239	2011/2/21	1.482	1.506
2011/2/22	1.239	1.212	2011/2/22	1.506	1.462
2011/2/23	1.212	1.219	2011/2/23	1.462	1.477
2011/2/24	1.219	1.224	2011/2/24	1.477	1.484
2011/2/25	1.224	1.223	2011/2/25	1.484	1.481
2011/2/28	1.223	1.238	2011/2/28	1.481	1.498
2011/3/1	1.238	1.241	2011/3/1	1.498	1.505

2011/3/2	1.241	1.231	2011/3/2	1.505	1.492
2011/3/3	1.231	1.215	2011/3/3	1.492	1.465
2011/3/4	1.215	1.228	2011/3/4	1.465	1.48
2011/3/7	1.228	1.242	2011/3/7	1.48	1.493
2011/3/8	1.242	1.237	2011/3/8	1.493	1.493
2011/3/9	1.237	1.241	2011/3/9	1.493	1.501
2011/3/10	1.241	1.227	2011/3/10	1.501	1.487
2011/3/11	1.227	1.219	2011/3/11	1.487	1.475
2011/3/14	1.219	1.229	2011/3/14	1.475	1.483
2011/3/15	1.229	1.219	2011/3/15	1.483	1.458
2011/3/16	1.219	1.228	2011/3/16	1.458	1.473
2011/3/17	1.228	1.208	2011/3/17	1.473	1.444
2011/3/18	1.208	1.211	2011/3/18	1.444	1.452
2011/3/21	1.211	1.207	2011/3/21	1.452	1.447
2011/3/22	1.207	1.208	2011/3/22	1.447	1.448
2011/3/23	1.208	1.218	2011/3/23	1.448	1.465
2011/3/24	1.218	1.216	2011/3/24	1.465	1.469
2011/3/25	1.216	1.225	2011/3/25	1.469	1.48
2011/3/28	1.225	1.219	2011/3/28	1.48	1.456
2011/3/29	1.219	1.207	2011/3/29	1.456	1.433
2011/3/30	1.207	1.195	2011/3/30	1.433	1.42
2011/3/31	1.195	1.188	2011/3/31	1.42	1.406
2011/4/1	1.188	1.199	2011/4/1	1.406	1.421
2011/4/6	1.199	1.198	2011/4/6	1.421	1.424
2011/4/7	1.198	1.202	2011/4/7	1.424	1.433
2011/4/8	1.202	1.211	2011/4/8	1.433	1.446
2011/4/11	1.211	1.197	2011/4/11	1.446	1.433
2011/4/12	1.197	1.197	2011/4/12	1.433	1.431
2011/4/13	1.197	1.209	2011/4/13	1.431	1.45
2011/4/14	1.209	1.207	2011/4/14	1.45	1.447
2011/4/15	1.207	1.211	2011/4/15	1.447	1.451
2011/4/18	1.211	1.208	2011/4/18	1.451	1.449
2011/4/19	1.208	1.191	2011/4/19	1.449	1.432
2011/4/20	1.191	1.192	2011/4/20	1.432	1.435
2011/4/21	1.192	1.196	2011/4/21	1.435	1.443
2011/4/22	1.196	1.193	2011/4/22	1.443	1.438
2011/4/25	1.193	1.181	2011/4/25	1.438	1.427
2011/4/26	1.181	1.175	2011/4/26	1.427	1.414
2011/4/27	1.175	1.168	2011/4/27	1.414	1.4
2011/4/28	1.168	1.146	2011/4/28	1.4	1.37
2011/4/29	1.146	1.16	2011/4/29	1.37	1.391
2011/5/2	1.16	1.16	2011/5/2	1.391	1.391

2011/5/3	1.16	1.175	2011/5/3	1.391	1.41
2011/5/4	1.175	1.158	2011/5/4	1.41	1.389
2011/5/5	1.158	1.158	2011/5/5	1.389	1.392
2011/5/6	1.158	1.161	2011/5/6	1.392	1.391
2011/5/9	1.161	1.164	2011/5/9	1.391	1.397
2011/5/10	1.164	1.169	2011/5/10	1.397	1.4
2011/5/11	1.169	1.172	2011/5/11	1.4	1.403
2011/5/12	1.172	1.162	2011/5/12	1.403	1.39
2011/5/13	1.162	1.166	2011/5/13	1.39	1.394
2011/5/16	1.166	1.164	2011/5/16	1.394	1.39
2011/5/17	1.164	1.16	2011/5/17	1.39	1.387
2011/5/18	1.16	1.166	2011/5/18	1.387	1.396
2011/5/19	1.166	1.159	2011/5/19	1.396	1.384
2011/5/20	1.159	1.156	2011/5/20	1.384	1.38
2011/5/23	1.156	1.128	2011/5/23	1.38	1.34
2011/5/24	1.128	1.127	2011/5/24	1.34	1.34
2011/5/25	1.127	1.117	2011/5/25	1.34	1.324
2011/5/26	1.117	1.108	2011/5/26	1.324	1.309
2011/5/27	1.108	1.095	2011/5/27	1.309	1.296
2011/5/30	1.095	1.089	2011/5/30	1.296	1.29
2011/5/31	1.089	1.101	2011/5/31	1.29	1.307
2011/6/1	1.101	1.109	2011/6/1	1.307	1.313
2011/6/2	1.109	1.097	2011/6/2	1.313	1.298
2011/6/3	1.097	1.107	2011/6/3	1.298	1.318
2011/6/7	1.107	1.112	2011/6/7	1.318	1.325
2011/6/8	1.112	1.115	2011/6/8	1.325	1.328
2011/6/9	1.115	1.097	2011/6/9	1.328	1.307
2011/6/10	1.097	1.101	2011/6/10	1.307	1.312
2011/6/13	1.101	1.097	2011/6/13	1.312	1.305
2011/6/14	1.097	1.107	2011/6/14	1.305	1.325
2011/6/15	1.107	1.098	2011/6/15	1.325	1.309
2011/6/16	1.098	1.081	2011/6/16	1.309	1.288
2011/6/17	1.081	1.073	2011/6/17	1.288	1.28
2011/6/20	1.073	1.066	2011/6/20	1.28	1.267
2011/6/21	1.066	1.076	2011/6/21	1.267	1.287
2011/6/22	1.076	1.074	2011/6/22	1.287	1.289
2011/6/23	1.074	1.086	2011/6/23	1.289	1.312
2011/6/24	1.086	1.106	2011/6/24	1.312	1.339
2011/6/27	1.106	1.115	2011/6/27	1.339	1.348
2011/6/28	1.115	1.117	2011/6/28	1.348	1.353
2011/6/29	1.117	1.106	2011/6/29	1.353	1.336
2011/6/30	1.106	1.121	2011/6/30	1.336	1.352

2011/7/1	1.121	1.123	2011/7/1	1.352	1.354
2011/7/4	1.123	1.14	2011/7/4	1.354	1.379
2011/7/5	1.14	1.144	2011/7/5	1.379	1.384
2011/7/6	1.144	1.145	2011/7/6	1.384	1.38
2011/7/7	1.145	1.144	2011/7/7	1.38	1.38
2011/7/8	1.144	1.144	2011/7/8	1.38	1.379
2011/7/11	1.144	1.146	2011/7/11	1.379	1.383
2011/7/12	1.146	1.133	2011/7/12	1.383	1.367
2011/7/13	1.133	1.144	2011/7/13	1.367	1.389
2011/7/14	1.144	1.145	2011/7/14	1.389	1.395
2011/7/15	1.145	1.151	2011/7/15	1.395	1.402
2011/7/18	1.151	1.155	2011/7/18	1.402	1.401
2011/7/19	1.155	1.146	2011/7/19	1.401	1.389
2011/7/20	1.146	1.145	2011/7/20	1.389	1.387
2011/7/21	1.145	1.134	2011/7/21	1.387	1.375
2011/7/22	1.134	1.137	2011/7/22	1.375	1.379
2011/7/25	1.137	1.113	2011/7/25	1.379	1.339
2011/7/26	1.113	1.118	2011/7/26	1.339	1.342
2011/7/27	1.118	1.129	2011/7/27	1.342	1.355
2011/7/28	1.129	1.126	2011/7/28	1.355	1.352
2011/7/29	1.126	1.115	2011/7/29	1.352	1.338
2011/8/1	1.115	1.116	2011/8/1	1.338	1.341
2011/8/2	1.116	1.108	2011/8/2	1.341	1.336
2011/8/3	1.108	1.11	2011/8/3	1.336	1.339
2011/8/4	1.11	1.112	2011/8/4	1.339	1.345
2011/8/5	1.112	1.1	2011/8/5	1.345	1.329
2011/8/8	1.1	1.074	2011/8/8	1.329	1.28
2011/8/9	1.074	1.077	2011/8/9	1.28	1.29
2011/8/10	1.077	1.087	2011/8/10	1.29	1.303
2011/8/11	1.087	1.098	2011/8/11	1.303	1.324
2011/8/12	1.098	1.102	2011/8/12	1.324	1.327
2011/8/15	1.102	1.112	2011/8/15	1.327	1.343
2011/8/16	1.112	1.109	2011/8/16	1.343	1.335
2011/8/17	1.109	1.104	2011/8/17	1.335	1.33
2011/8/18	1.104	1.09	2011/8/18	1.33	1.307
2011/8/19	1.09	1.081	2011/8/19	1.307	1.297
2011/8/22	1.081	1.072	2011/8/22	1.297	1.28
2011/8/23	1.072	1.083	2011/8/23	1.28	1.294
2011/8/24	1.083	1.083	2011/8/24	1.294	1.3
2011/8/25	1.083	1.1	2011/8/25	1.3	1.33
2011/8/26	1.1	1.098	2011/8/26	1.33	1.326
2011/8/29	1.098	1.087	2011/8/29	1.326	1.313

2011/8/30	1.087	1.083	2011/8/30	1.313	1.302
2011/8/31	1.083	1.08	2011/8/31	1.302	1.301
2011/9/1	1.08	1.075	2011/9/1	1.301	1.295
2011/9/2	1.075	1.069	2011/9/2	1.295	1.277
2011/9/5	1.069	1.054	2011/9/5	1.277	1.248
2011/9/6	1.054	1.049	2011/9/6	1.248	1.228
2011/9/7	1.049	1.063	2011/9/7	1.228	1.249
2011/9/8	1.063	1.057	2011/9/8	1.249	1.24
2011/9/9	1.057	1.055	2011/9/9	1.24	1.234
2011/9/12	1.055	1.055	2011/9/12	1.234	1.234
2011/9/13	1.055	1.045	2011/9/13	1.234	1.221
2011/9/14	1.045	1.051	2011/9/14	1.221	1.229
2011/9/15	1.051	1.051	2011/9/15	1.229	1.232
2011/9/16	1.051	1.053	2011/9/16	1.232	1.231
2011/9/19	1.053	1.041	2011/9/19	1.231	1.207
2011/9/20	1.041	1.044	2011/9/20	1.207	1.213
2011/9/21	1.044	1.061	2011/9/21	1.213	1.243
2011/9/22	1.061	1.043	2011/9/22	1.243	1.208
2011/9/23	1.043	1.038	2011/9/23	1.208	1.2
2011/9/26	1.038	1.026	2011/9/26	1.2	1.176
2011/9/27	1.026	1.029	2011/9/27	1.176	1.184
2011/9/28	1.029	1.022	2011/9/28	1.184	1.166
2011/9/29	1.022	1.006	2011/9/29	1.166	1.141
2011/9/30	1.006	1.003	2011/9/30	1.141	1.134
2011/10/10	1.003	0.997	2011/10/10	1.134	1.123
2011/10/11	0.997	0.994	2011/10/11	1.123	1.114
2011/10/12	0.994	1.014	2011/10/12	1.114	1.157
2011/10/13	1.014	1.02	2011/10/13	1.157	1.167
2011/10/14	1.02	1.015	2011/10/14	1.167	1.162
2011/10/17	1.015	1.017	2011/10/17	1.162	1.17
2011/10/18	1.017	0.999	2011/10/18	1.17	1.143
2011/10/19	0.999	0.995	2011/10/19	1.143	1.131
2011/10/20	0.995	0.972	2011/10/20	1.131	1.096
2011/10/21	0.972	0.966	2011/10/21	1.096	1.082
2011/10/24	0.966	0.979	2011/10/24	1.082	1.105
2011/10/25	0.979	0.998	2011/10/25	1.105	1.13
2011/10/26	0.998	1.008	2011/10/26	1.13	1.146
2011/10/27	1.008	1.011	2011/10/27	1.146	1.147
2011/10/28	1.011	1.026	2011/10/28	1.147	1.171
2011/10/31	1.026	1.029	2011/10/31	1.171	1.178
2011/11/1	1.029	1.031	2011/11/1	1.178	1.174
2011/11/2	1.031	1.044	2011/11/2	1.174	1.193

2011/11/3	1.044	1.048	2011/11/3	1.193	1.193
2011/11/4	1.048	1.055	2011/11/4	1.193	1.199
2011/11/7	1.055	1.049	2011/11/7	1.199	1.189
2011/11/8	1.049	1.044	2011/11/8	1.189	1.181
2011/11/9	1.044	1.056	2011/11/9	1.181	1.196
2011/11/10	1.056	1.045	2011/11/10	1.196	1.183
2011/11/11	1.045	1.044	2011/11/11	1.183	1.18
2011/11/14	1.044	1.063	2011/11/14	1.18	1.199
2011/11/15	1.063	1.067	2011/11/15	1.199	1.2
2011/11/16	1.067	1.042	2011/11/16	1.2	1.175
2011/11/17	1.042	1.04	2011/11/17	1.175	1.176
2011/11/18	1.04	1.018	2011/11/18	1.176	1.154
2011/11/21	1.018	1.018	2011/11/21	1.154	1.153
2011/11/22	1.018	1.019	2011/11/22	1.153	1.152
2011/11/23	1.019	1.015	2011/11/23	1.152	1.146
2011/11/24	1.015	1.015	2011/11/24	1.146	1.149
2011/11/25	1.015	1.008	2011/11/25	1.149	1.145
2011/11/28	1.008	1.01	2011/11/28	1.145	1.143
2011/11/29	1.01	1.023	2011/11/29	1.143	1.156
2011/11/30	1.023	0.994	2011/11/30	1.156	1.124
2011/12/1	0.994	1.012	2011/12/1	1.124	1.144
2011/12/2	1.012	0.997	2011/12/2	1.144	1.129
2011/12/5	0.997	0.974	2011/12/5	1.129	1.108
2011/12/6	0.974	0.973	2011/12/6	1.108	1.107
2011/12/7	0.973	0.974	2011/12/7	1.107	1.11
2011/12/8	0.974	0.974	2011/12/8	1.11	1.111
2011/12/9	0.974	0.966	2011/12/9	1.111	1.106
2011/12/12	0.966	0.956	2011/12/12	1.106	1.093
2011/12/13	0.956	0.932	2011/12/13	1.093	1.072
2011/12/14	0.932	0.923	2011/12/14	1.072	1.06
2011/12/15	0.923	0.904	2011/12/15	1.06	1.049
2011/12/16	0.904	0.923	2011/12/16	1.049	1.074
2011/12/19	0.923	0.926	2011/12/19	1.074	1.082
2011/12/20	0.926	0.923	2011/12/20	1.082	1.079
2011/12/21	0.923	0.906	2011/12/21	1.079	1.059
2011/12/22	0.906	0.9	2011/12/22	1.059	1.052
2011/12/23	0.9	0.909	2011/12/23	1.052	1.062
2011/12/26	0.909	0.902	2011/12/26	1.062	1.054
2011/12/27	0.902	0.886	2011/12/27	1.054	1.036
2011/12/28	0.886	0.881	2011/12/28	1.036	1.035
2011/12/29	0.881	0.883	2011/12/29	1.035	1.039
2011/12/30	0.883	0.896	2011/12/30	1.039	1.061

2011/12/31	0.896	0.896	2011/12/31	1.061	1.061
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time	open	close	time	open	close
2011/1/4	1.115	1.135	2011/1/4	0.797	0.803
2011/1/5	1.135	1.128	2011/1/5	0.803	0.804
2011/1/6	1.128	1.119	2011/1/6	0.804	0.8
2011/1/7	1.119	1.116	2011/1/7	0.8	0.797
2011/1/10	1.116	1.093	2011/1/10	0.797	0.779
2011/1/11	1.093	1.09	2011/1/11	0.779	0.773
2011/1/12	1.09	1.09	2011/1/12	0.773	0.774
2011/1/13	1.09	1.089	2011/1/13	0.774	0.773
2011/1/14	1.089	1.071	2011/1/14	0.773	0.761
2011/1/17	1.071	1.034	2011/1/17	0.761	0.738
2011/1/18	1.034	1.036	2011/1/18	0.738	0.723
2011/1/19	1.036	0.999	2011/1/19	0.723	0.738
2011/1/20	0.999	0.968	2011/1/20	0.738	0.719
2011/1/21	0.968	0.977	2011/1/21	0.719	0.724
2011/1/24	0.977	0.958	2011/1/24	0.724	0.712
2011/1/25	0.958	0.953	2011/1/25	0.712	0.708
2011/1/26	0.953	0.965	2011/1/26	0.708	0.719
2011/1/27	0.965	0.982	2011/1/27	0.719	0.734
2011/1/28	0.982	0.987	2011/1/28	0.734	0.739
2011/1/31	0.987	1	2011/1/31	0.739	0.746
2011/2/1	1	1.001	2011/2/1	0.746	0.746
2011/2/9	1.001	0.991	2011/2/9	0.746	0.742
2011/2/10	0.991	1.009	2011/2/10	0.742	0.756
2011/2/11	1.009	1.017	2011/2/11	0.756	0.762
2011/2/14	1.017	1.04	2011/2/14	0.762	0.78
2011/2/15	1.04	1.041	2011/2/15	0.78	0.779
2011/2/16	1.041	1.049	2011/2/16	0.779	0.793
2011/2/17	1.049	1.051	2011/2/17	0.793	0.798
2011/2/18	1.051	1.042	2011/2/18	0.798	0.79
2011/2/21	1.042	1.056	2011/2/21	0.79	0.803
2011/2/22	1.056	1.03	2011/2/22	0.803	0.782
2011/2/23	1.03	1.032	2011/2/23	0.782	0.786
2011/2/24	1.032	1.036	2011/2/24	0.786	0.792
2011/2/25	1.036	1.038	2011/2/25	0.792	0.793
2011/2/28	1.038	1.053	2011/2/28	0.793	0.803
2011/3/1	1.053	1.056	2011/3/1	0.803	0.8
2011/3/2	1.056	1.054	2011/3/2	0.8	0.791
2011/3/3	1.054	1.042	2011/3/3	0.791	0.781
2011/3/4	1.042	1.052	2011/3/4	0.781	0.788

2011/3/7	1.052	1.064	2011/3/7	0.788	0.798
2011/3/8	1.064	1.064	2011/3/8	0.798	0.798
2011/3/9	1.064	1.069	2011/3/9	0.798	0.803
2011/3/10	1.069	1.06	2011/3/10	0.803	0.797
2011/3/11	1.06	1.055	2011/3/11	0.797	0.793
2011/3/14	1.055	1.059	2011/3/14	0.793	0.798
2011/3/15	1.059	1.035	2011/3/15	0.798	0.789
2011/3/16	1.035	1.044	2011/3/16	0.789	0.794
2011/3/17	1.044	1.031	2011/3/17	0.794	0.784
2011/3/18	1.031	1.034	2011/3/18	0.784	0.785
2011/3/21	1.034	1.03	2011/3/21	0.785	0.78
2011/3/22	1.03	1.031	2011/3/22	0.78	0.783
2011/3/23	1.031	1.039	2011/3/23	0.783	0.792
2011/3/24	1.039	1.035	2011/3/24	0.792	0.795
2011/3/25	1.035	1.041	2011/3/25	0.795	0.8
2011/3/28	1.041	1.035	2011/3/28	0.8	0.795
2011/3/29	1.035	1.027	2011/3/29	0.795	0.781
2011/3/30	1.027	1.02	2011/3/30	0.781	0.775
2011/3/31	1.02	1.013	2011/3/31	0.775	0.772
2011/4/1	1.013	1.025	2011/4/1	0.772	0.78
2011/4/6	1.025	1.031	2011/4/6	0.78	0.773
2011/4/7	1.031	1.037	2011/4/7	0.773	0.776
2011/4/8	1.037	1.047	2011/4/8	0.776	0.784
2011/4/11	1.047	1.039	2011/4/11	0.784	0.775
2011/4/12	1.039	1.034	2011/4/12	0.775	0.774
2011/4/13	1.034	1.051	2011/4/13	0.774	0.78
2011/4/14	1.051	1.05	2011/4/14	0.78	0.779
2011/4/15	1.05	1.051	2011/4/15	0.779	0.78
2011/4/18	1.051	1.052	2011/4/18	0.78	0.78
2011/4/19	1.052	1.046	2011/4/19	0.78	0.769
2011/4/20	1.046	1.047	2011/4/20	0.769	0.77
2011/4/21	1.047	1.052	2011/4/21	0.77	0.775
2011/4/22	1.052	1.043	2011/4/22	0.775	0.773
2011/4/25	1.043	1.031	2011/4/25	0.773	0.764
2011/4/26	1.031	1.027	2011/4/26	0.764	0.753
2011/4/27	1.027	1.018	2011/4/27	0.753	0.746
2011/4/28	1.018	1.001	2011/4/28	0.746	0.731
2011/4/29	1.001	1.004	2011/4/29	0.731	0.739
2011/5/2	1.004	1.004	2011/5/2	0.739	0.739
2011/5/3	1.004	1.009	2011/5/3	0.739	0.745
2011/5/4	1.009	0.989	2011/5/4	0.745	0.73
2011/5/5	0.989	0.993	2011/5/5	0.73	0.728

2011/5/6	0.993	1.001	2011/5/6	0.728	0.731
2011/5/9	1.001	1.005	2011/5/9	0.731	0.735
2011/5/10	1.005	1.009	2011/5/10	0.735	0.737
2011/5/11	1.009	1.008	2011/5/11	0.737	0.739
2011/5/12	1.008	0.998	2011/5/12	0.739	0.732
2011/5/13	0.998	1.003	2011/5/13	0.732	0.731
2011/5/16	1.003	0.998	2011/5/16	0.731	0.728
2011/5/17	0.998	1.003	2011/5/17	0.728	0.729
2011/5/18	1.003	1.005	2011/5/18	0.729	0.731
2011/5/19	1.005	0.999	2011/5/19	0.731	0.727
2011/5/20	0.999	0.998	2011/5/20	0.727	0.724
2011/5/23	0.998	0.974	2011/5/23	0.724	0.706
2011/5/24	0.974	0.975	2011/5/24	0.706	0.707
2011/5/25	0.975	0.966	2011/5/25	0.707	0.701
2011/5/26	0.966	0.961	2011/5/26	0.701	0.693
2011/5/27	0.961	0.953	2011/5/27	0.693	0.684
2011/5/30	0.953	0.952	2011/5/30	0.684	0.68
2011/5/31	0.952	0.962	2011/5/31	0.68	0.689
2011/6/1	0.962	0.963	2011/6/1	0.689	0.696
2011/6/2	0.963	0.948	2011/6/2	0.696	0.694
2011/6/3	0.948	0.959	2011/6/3	0.694	0.701
2011/6/7	0.959	0.965	2011/6/7	0.701	0.703
2011/6/8	0.965	0.965	2011/6/8	0.703	0.705
2011/6/9	0.965	0.953	2011/6/9	0.705	0.694
2011/6/10	0.953	0.956	2011/6/10	0.694	0.696
2011/6/13	0.956	0.954	2011/6/13	0.696	0.695
2011/6/14	0.954	0.967	2011/6/14	0.695	0.706
2011/6/15	0.967	0.961	2011/6/15	0.706	0.701
2011/6/16	0.961	0.949	2011/6/16	0.701	0.691
2011/6/17	0.949	0.943	2011/6/17	0.691	0.686
2011/6/20	0.943	0.941	2011/6/20	0.686	0.681
2011/6/21	0.941	0.947	2011/6/21	0.681	0.69
2011/6/22	0.947	0.948	2011/6/22	0.69	0.689
2011/6/23	0.948	0.962	2011/6/23	0.689	0.702
2011/6/24	0.962	0.983	2011/6/24	0.702	0.715
2011/6/27	0.983	0.984	2011/6/27	0.715	0.719
2011/6/28	0.984	0.986	2011/6/28	0.719	0.721
2011/6/29	0.986	0.979	2011/6/29	0.721	0.717
2011/6/30	0.979	0.995	2011/6/30	0.717	0.725
2011/7/1	0.995	1	2011/7/1	0.725	0.726
2011/7/4	1	1.019	2011/7/4	0.726	0.739
2011/7/5	1.019	1.017	2011/7/5	0.739	0.74

2011/7/6	1.017	1.018	2011/7/6	0.74	0.741
2011/7/7	1.018	1.021	2011/7/7	0.741	0.738
2011/7/8	1.021	1.021	2011/7/8	0.738	0.738
2011/7/11	1.021	1.025	2011/7/11	0.738	0.742
2011/7/12	1.025	1.015	2011/7/12	0.742	0.732
2011/7/13	1.015	1.029	2011/7/13	0.732	0.741
2011/7/14	1.029	1.035	2011/7/14	0.741	0.745
2011/7/15	1.035	1.041	2011/7/15	0.745	0.75
2011/7/18	1.041	1.036	2011/7/18	0.75	0.747
2011/7/19	1.036	1.026	2011/7/19	0.747	0.739
2011/7/20	1.026	1.028	2011/7/20	0.739	0.738
2011/7/21	1.028	1.023	2011/7/21	0.738	0.731
2011/7/22	1.023	1.025	2011/7/22	0.731	0.733
2011/7/25	1.025	1.001	2011/7/25	0.733	0.714
2011/7/26	1.001	1.006	2011/7/26	0.714	0.716
2011/7/27	1.006	1.019	2011/7/27	0.716	0.723
2011/7/28	1.019	1.018	2011/7/28	0.723	0.72
2011/7/29	1.018	1.016	2011/7/29	0.72	0.715
2011/8/1	1.016	1.012	2011/8/1	0.715	0.717
2011/8/2	1.012	1.009	2011/8/2	0.717	0.714
2011/8/3	1.009	1.015	2011/8/3	0.714	0.716
2011/8/4	1.015	1.014	2011/8/4	0.716	0.718
2011/8/5	1.014	1.001	2011/8/5	0.718	0.71
2011/8/8	1.001	0.975	2011/8/8	0.71	0.692
2011/8/9	0.975	0.98	2011/8/9	0.692	0.693
2011/8/10	0.98	0.991	2011/8/10	0.693	0.697
2011/8/11	0.991	1.012	2011/8/11	0.697	0.703
2011/8/12	1.012	1.017	2011/8/12	0.703	0.705
2011/8/15	1.017	1.031	2011/8/15	0.705	0.714
2011/8/16	1.031	1.025	2011/8/16	0.714	0.71
2011/8/17	1.025	1.022	2011/8/17	0.71	0.708
2011/8/18	1.022	1.003	2011/8/18	0.708	0.697
2011/8/19	1.003	1	2011/8/19	0.697	0.69
2011/8/22	1	0.992	2011/8/22	0.69	0.683
2011/8/23	0.992	1.006	2011/8/23	0.683	0.689
2011/8/24	1.006	1.007	2011/8/24	0.689	0.691
2011/8/25	1.007	1.027	2011/8/25	0.691	0.704
2011/8/26	1.027	1.026	2011/8/26	0.704	0.706
2011/8/29	1.026	1.016	2011/8/29	0.706	0.698
2011/8/30	1.016	1.007	2011/8/30	0.698	0.695
2011/8/31	1.007	1.005	2011/8/31	0.695	0.693
2011/9/1	1.005	0.999	2011/9/1	0.693	0.691

2011/9/2	0.999	0.99	2011/9/2	0.691	0.686
2011/9/5	0.99	0.97	2011/9/5	0.686	0.672
2011/9/6	0.97	0.963	2011/9/6	0.672	0.663
2011/9/7	0.963	0.979	2011/9/7	0.663	0.676
2011/9/8	0.979	0.975	2011/9/8	0.676	0.671
2011/9/9	0.975	0.972	2011/9/9	0.671	0.667
2011/9/12	0.972	0.972	2011/9/12	0.667	0.667
2011/9/13	0.972	0.961	2011/9/13	0.667	0.661
2011/9/14	0.961	0.966	2011/9/14	0.661	0.664
2011/9/15	0.966	0.966	2011/9/15	0.664	0.666
2011/9/16	0.966	0.969	2011/9/16	0.666	0.668
2011/9/19	0.969	0.951	2011/9/19	0.668	0.658
2011/9/20	0.951	0.953	2011/9/20	0.658	0.66
2011/9/21	0.953	0.974	2011/9/21	0.66	0.674
2011/9/22	0.974	0.95	2011/9/22	0.674	0.661
2011/9/23	0.95	0.943	2011/9/23	0.661	0.655
2011/9/26	0.943	0.922	2011/9/26	0.655	0.65
2011/9/27	0.922	0.921	2011/9/27	0.65	0.654
2011/9/28	0.921	0.908	2011/9/28	0.654	0.648
2011/9/29	0.908	0.899	2011/9/29	0.648	0.64
2011/9/30	0.899	0.9	2011/9/30	0.64	0.639
2011/10/10	0.9	0.897	2011/10/10	0.639	0.634
2011/10/11	0.897	0.895	2011/10/11	0.634	0.63
2011/10/12	0.895	0.923	2011/10/12	0.63	0.643
2011/10/13	0.923	0.933	2011/10/13	0.643	0.646
2011/10/14	0.933	0.929	2011/10/14	0.646	0.644
2011/10/17	0.929	0.935	2011/10/17	0.644	0.645
2011/10/18	0.935	0.916	2011/10/18	0.645	0.633
2011/10/19	0.916	0.912	2011/10/19	0.633	0.629
2011/10/20	0.912	0.892	2011/10/20	0.629	0.618
2011/10/21	0.892	0.885	2011/10/21	0.618	0.611
2011/10/24	0.885	0.906	2011/10/24	0.611	0.617
2011/10/25	0.906	0.926	2011/10/25	0.617	0.627
2011/10/26	0.926	0.939	2011/10/26	0.627	0.63
2011/10/27	0.939	0.936	2011/10/27	0.63	0.629
2011/10/28	0.936	0.956	2011/10/28	0.629	0.638
2011/10/31	0.956	0.961	2011/10/31	0.638	0.639
2011/11/1	0.961	0.964	2011/11/1	0.639	0.637
2011/11/2	0.964	0.981	2011/11/2	0.637	0.643
2011/11/3	0.981	0.981	2011/11/3	0.643	0.646
2011/11/4	0.981	0.981	2011/11/4	0.646	0.648
2011/11/7	0.981	0.973	2011/11/7	0.648	0.646

2011/11/8	0.973	0.969	2011/11/8	0.646	0.642
2011/11/9	0.969	0.982	2011/11/9	0.642	0.649
2011/11/10	0.982	0.974	2011/11/10	0.649	0.644
2011/11/11	0.974	0.969	2011/11/11	0.644	0.643
2011/11/14	0.969	0.985	2011/11/14	0.643	0.653
2011/11/15	0.985	0.985	2011/11/15	0.653	0.653
2011/11/16	0.985	0.964	2011/11/16	0.653	0.641
2011/11/17	0.964	0.961	2011/11/17	0.641	0.639
2011/11/18	0.961	0.944	2011/11/18	0.639	0.63
2011/11/21	0.944	0.944	2011/11/21	0.63	0.629
2011/11/22	0.944	0.952	2011/11/22	0.629	0.627
2011/11/23	0.952	0.948	2011/11/23	0.627	0.624
2011/11/24	0.948	0.958	2011/11/24	0.624	0.624
2011/11/25	0.958	0.954	2011/11/25	0.624	0.621
2011/11/28	0.954	0.958	2011/11/28	0.621	0.621
2011/11/29	0.958	0.966	2011/11/29	0.621	0.629
2011/11/30	0.966	0.944	2011/11/30	0.629	0.612
2011/12/1	0.944	0.962	2011/12/1	0.612	0.621
2011/12/2	0.962	0.954	2011/12/2	0.621	0.613
2011/12/5	0.954	0.935	2011/12/5	0.613	0.602
2011/12/6	0.935	0.937	2011/12/6	0.602	0.604
2011/12/7	0.937	0.942	2011/12/7	0.604	0.607
2011/12/8	0.942	0.948	2011/12/8	0.607	0.607
2011/12/9	0.948	0.945	2011/12/9	0.607	0.601
2011/12/12	0.945	0.934	2011/12/12	0.601	0.597
2011/12/13	0.934	0.914	2011/12/13	0.597	0.583
2011/12/14	0.914	0.9	2011/12/14	0.583	0.578
2011/12/15	0.9	0.887	2011/12/15	0.578	0.569
2011/12/16	0.887	0.906	2011/12/16	0.569	0.581
2011/12/19	0.906	0.911	2011/12/19	0.581	0.582
2011/12/20	0.911	0.909	2011/12/20	0.582	0.581
2011/12/21	0.909	0.895	2011/12/21	0.581	0.575
2011/12/22	0.895	0.896	2011/12/22	0.575	0.575
2011/12/23	0.896	0.901	2011/12/23	0.575	0.578
2011/12/26	0.901	0.894	2011/12/26	0.578	0.573
2011/12/27	0.894	0.881	2011/12/27	0.573	0.565
2011/12/28	0.881	0.875	2011/12/28	0.565	0.566
2011/12/29	0.875	0.879	2011/12/29	0.566	0.568
2011/12/30	0.879	0.896	2011/12/30	0.568	0.576
2011/12/31	0.896	0.896	2011/12/31	0.576	0.576

code:040005

code:040008

time	open	close	time	open	close
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2011/1/4	2. 6064	2. 6288	2011/1/4	0. 8059	0. 8121
2011/1/5	2. 6288	2. 6011	2011/1/5	0. 8121	0. 8079
2011/1/6	2. 6011	2. 5835	2011/1/6	0. 8079	0. 8009
2011/1/7	2. 5835	2. 5935	2011/1/7	0. 8009	0. 7984
2011/1/10	2. 5935	2. 5472	2011/1/10	0. 7984	0. 7782
2011/1/11	2. 5472	2. 5477	2011/1/11	0. 7782	0. 7761
2011/1/12	2. 5477	2. 5622	2011/1/12	0. 7761	0. 778
2011/1/13	2. 5622	2. 5566	2011/1/13	0. 778	0. 7789
2011/1/14	2. 5566	2. 5119	2011/1/14	0. 7789	0. 7641
2011/1/17	2. 5119	2. 4238	2011/1/17	0. 7641	0. 737
2011/1/18	2. 4238	2. 4375	2011/1/18	0. 737	0. 7405
2011/1/19	2. 4375	2. 485	2011/1/19	0. 7405	0. 7558
2011/1/20	2. 485	2. 3955	2011/1/20	0. 7558	0. 7307
2011/1/21	2. 3955	2. 413	2011/1/21	0. 7307	0. 7361
2011/1/24	2. 413	2. 3703	2011/1/24	0. 7361	0. 7195
2011/1/25	2. 3703	2. 3537	2011/1/25	0. 7195	0. 7168
2011/1/26	2. 3537	2. 3871	2011/1/26	0. 7168	0. 7267
2011/1/27	2. 3871	2. 4279	2011/1/27	0. 7267	0. 7429
2011/1/28	2. 4279	2. 4437	2011/1/28	0. 7429	0. 7519
2011/1/31	2. 4437	2. 4702	2011/1/31	0. 7519	0. 7586
2011/2/1	2. 4702	2. 4736	2011/2/1	0. 7586	0. 7563
2011/2/9	2. 4736	2. 4565	2011/2/9	0. 7563	0. 7525
2011/2/10	2. 4565	2. 5102	2011/2/10	0. 7525	0. 7721
2011/2/11	2. 5102	2. 531	2011/2/11	0. 7721	0. 777
2011/2/14	2. 531	2. 6045	2011/2/14	0. 777	0. 7928
2011/2/15	2. 6045	2. 5861	2011/2/15	0. 7928	0. 7887
2011/2/16	2. 5861	2. 6001	2011/2/16	0. 7887	0. 7954
2011/2/17	2. 6001	2. 6067	2011/2/17	0. 7954	0. 7985
2011/2/18	2. 6067	2. 5731	2011/2/18	0. 7985	0. 789
2011/2/21	2. 5731	2. 602	2011/2/21	0. 789	0. 8057
2011/2/22	2. 602	2. 5349	2011/2/22	0. 8057	0. 7892
2011/2/23	2. 5349	2. 5526	2011/2/23	0. 7892	0. 7966
2011/2/24	2. 5526	2. 5638	2011/2/24	0. 7966	0. 7989
2011/2/25	2. 5638	2. 5855	2011/2/25	0. 7989	0. 7986
2011/2/28	2. 5855	2. 6089	2011/2/28	0. 7986	0. 8069
2011/3/1	2. 6089	2. 6202	2011/3/1	0. 8069	0. 8077
2011/3/2	2. 6202	2. 593	2011/3/2	0. 8077	0. 8008
2011/3/3	2. 593	2. 5746	2011/3/3	0. 8008	0. 7886
2011/3/4	2. 5746	2. 6063	2011/3/4	0. 7886	0. 7948
2011/3/7	2. 6063	2. 6446	2011/3/7	0. 7948	0. 7991
2011/3/8	2. 6446	2. 6528	2011/3/8	0. 7991	0. 799
2011/3/9	2. 6528	2. 658	2011/3/9	0. 799	0. 8018

2011/3/10	2. 658	2. 6292	2011/3/10	0. 8018	0. 7971
2011/3/11	2. 6292	2. 6027	2011/3/11	0. 7971	0. 793
2011/3/14	2. 6027	2. 6329	2011/3/14	0. 793	0. 8028
2011/3/15	2. 6329	2. 6057	2011/3/15	0. 8028	0. 7968
2011/3/16	2. 6057	2. 6377	2011/3/16	0. 7968	0. 8043
2011/3/17	2. 6377	2. 604	2011/3/17	0. 8043	0. 7908
2011/3/18	2. 604	2. 6058	2011/3/18	0. 7908	0. 7935
2011/3/21	2. 6058	2. 5759	2011/3/21	0. 7935	0. 7827
2011/3/22	2. 5759	2. 5912	2011/3/22	0. 7827	0. 782
2011/3/23	2. 5912	2. 629	2011/3/23	0. 782	0. 7899
2011/3/24	2. 629	2. 6358	2011/3/24	0. 7899	0. 7909
2011/3/25	2. 6358	2. 6661	2011/3/25	0. 7909	0. 7922
2011/3/28	2. 6661	2. 647	2011/3/28	0. 7922	0. 7829
2011/3/29	2. 647	2. 6118	2011/3/29	0. 7829	0. 767
2011/3/30	2. 6118	2. 6192	2011/3/30	0. 767	0. 7597
2011/3/31	2. 6192	2. 5921	2011/3/31	0. 7597	0. 7567
2011/4/1	2. 5921	2. 6109	2011/4/1	0. 7567	0. 7615
2011/4/6	2. 6109	2. 6164	2011/4/6	0. 7615	0. 7505
2011/4/7	2. 6164	2. 6366	2011/4/7	0. 7505	0. 7524
2011/4/8	2. 6366	2. 6648	2011/4/8	0. 7524	0. 7682
2011/4/11	2. 6648	2. 6487	2011/4/11	0. 7682	0. 758
2011/4/12	2. 6487	2. 6468	2011/4/12	0. 758	0. 7533
2011/4/13	2. 6468	2. 6827	2011/4/13	0. 7533	0. 7618
2011/4/14	2. 6827	2. 6663	2011/4/14	0. 7618	0. 7609
2011/4/15	2. 6663	2. 6595	2011/4/15	0. 7609	0. 7575
2011/4/18	2. 6595	2. 6615	2011/4/18	0. 7575	0. 7551
2011/4/19	2. 6615	2. 6221	2011/4/19	0. 7551	0. 745
2011/4/20	2. 6221	2. 6215	2011/4/20	0. 745	0. 7514
2011/4/21	2. 6215	2. 6407	2011/4/21	0. 7514	0. 755
2011/4/22	2. 6407	2. 6223	2011/4/22	0. 755	0. 75
2011/4/25	2. 6223	2. 5864	2011/4/25	0. 75	0. 7427
2011/4/26	2. 5864	2. 5675	2011/4/26	0. 7427	0. 7334
2011/4/27	2. 5675	2. 5558	2011/4/27	0. 7334	0. 7249
2011/4/28	2. 5558	2. 498	2011/4/28	0. 7249	0. 7087
2011/4/29	2. 498	2. 5206	2011/4/29	0. 7087	0. 718
2011/5/2	2. 5206	2. 5206	2011/5/2	0. 718	0. 718
2011/5/3	2. 5206	2. 5404	2011/5/3	0. 718	0. 7256
2011/5/4	2. 5404	2. 4789	2011/5/4	0. 7256	0. 709
2011/5/5	2. 4789	2. 4823	2011/5/5	0. 709	0. 713
2011/5/6	2. 4823	2. 4785	2011/5/6	0. 713	0. 7193
2011/5/9	2. 4785	2. 4926	2011/5/9	0. 7193	0. 7231
2011/5/10	2. 4926	2. 5087	2011/5/10	0. 7231	0. 723

2011/5/11	2. 5087	2. 507	2011/5/11	0. 723	0. 7222
2011/5/12	2. 507	2. 4768	2011/5/12	0. 7222	0. 7134
2011/5/13	2. 4768	2. 4678	2011/5/13	0. 7134	0. 7134
2011/5/16	2. 4678	2. 4377	2011/5/16	0. 7134	0. 7113
2011/5/17	2. 4377	2. 4467	2011/5/17	0. 7113	0. 7097
2011/5/18	2. 4467	2. 463	2011/5/18	0. 7097	0. 7123
2011/5/19	2. 463	2. 4525	2011/5/19	0. 7123	0. 709
2011/5/20	2. 4525	2. 4548	2011/5/20	0. 709	0. 7057
2011/5/23	2. 4548	2. 3938	2011/5/23	0. 7057	0. 6841
2011/5/24	2. 3938	2. 4011	2011/5/24	0. 6841	0. 6852
2011/5/25	2. 4011	2. 3795	2011/5/25	0. 6852	0. 6779
2011/5/26	2. 3795	2. 3577	2011/5/26	0. 6779	0. 6695
2011/5/27	2. 3577	2. 3424	2011/5/27	0. 6695	0. 6623
2011/5/30	2. 3424	2. 3318	2011/5/30	0. 6623	0. 6588
2011/5/31	2. 3318	2. 3674	2011/5/31	0. 6588	0. 6701
2011/6/1	2. 3674	2. 3751	2011/6/1	0. 6701	0. 6785
2011/6/2	2. 3751	2. 3416	2011/6/2	0. 6785	0. 6708
2011/6/3	2. 3416	2. 3703	2011/6/3	0. 6708	0. 6817
2011/6/7	2. 3703	2. 3881	2011/6/7	0. 6817	0. 6855
2011/6/8	2. 3881	2. 3804	2011/6/8	0. 6855	0. 6871
2011/6/9	2. 3804	2. 339	2011/6/9	0. 6871	0. 6756
2011/6/10	2. 339	2. 3455	2011/6/10	0. 6756	0. 6754
2011/6/13	2. 3455	2. 3426	2011/6/13	0. 6754	0. 6719
2011/6/14	2. 3426	2. 3946	2011/6/14	0. 6719	0. 6817
2011/6/15	2. 3946	2. 3725	2011/6/15	0. 6817	0. 6758
2011/6/16	2. 3725	2. 337	2011/6/16	0. 6758	0. 6642
2011/6/17	2. 337	2. 3275	2011/6/17	0. 6642	0. 6563
2011/6/20	2. 3275	2. 3156	2011/6/20	0. 6563	0. 6484
2011/6/21	2. 3156	2. 3527	2011/6/21	0. 6484	0. 6577
2011/6/22	2. 3527	2. 3534	2011/6/22	0. 6577	0. 6577
2011/6/23	2. 3534	2. 4078	2011/6/23	0. 6577	0. 6712
2011/6/24	2. 4078	2. 449	2011/6/24	0. 6712	0. 6856
2011/6/27	2. 449	2. 4483	2011/6/27	0. 6856	0. 6891
2011/6/28	2. 4483	2. 4542	2011/6/28	0. 6891	0. 6905
2011/6/29	2. 4542	2. 4224	2011/6/29	0. 6905	0. 6854
2011/6/30	2. 4224	2. 4561	2011/6/30	0. 6854	0. 6942
2011/7/1	2. 4561	2. 458	2011/7/1	0. 6942	0. 6974
2011/7/4	2. 458	2. 5031	2011/7/4	0. 6974	0. 7133
2011/7/5	2. 5031	2. 5033	2011/7/5	0. 7133	0. 7145
2011/7/6	2. 5033	2. 5006	2011/7/6	0. 7145	0. 7158
2011/7/7	2. 5006	2. 5004	2011/7/7	0. 7158	0. 7175
2011/7/8	2. 5004	2. 5124	2011/7/8	0. 7175	0. 7154


2011/7/11	2. 5124	2. 5301	2011/7/11	0. 7154	0. 7219
2011/7/12	2. 5301	2. 5003	2011/7/12	0. 7219	0. 715
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2011/7/14	2. 5301	2. 538	2011/7/14	0. 7235	0. 7252
2011/7/15	2. 538	2. 5531	2011/7/15	0. 7252	0. 7314
2011/7/18	2. 5531	2. 5391	2011/7/18	0. 7314	0. 7307
2011/7/19	2. 5391	2. 5101	2011/7/19	0. 7307	0. 7219
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2011/7/21	2. 504	2. 481	2011/7/21	0. 7213	0. 7167
2011/7/22	2. 481	2. 4949	2011/7/22	0. 7167	0. 7209
2011/7/25	2. 4949	2. 4285	2011/7/25	0. 7209	0. 6989
2011/7/26	2. 4285	2. 4309	2011/7/26	0. 6989	0. 7011
2011/7/27	2. 4309	2. 4513	2011/7/27	0. 7011	0. 71
2011/7/28	2. 4513	2. 4322	2011/7/28	0. 71	0. 7107
2011/7/29	2. 4322	2. 429	2011/7/29	0. 7107	0. 7059
2011/8/1	2. 429	2. 4255	2011/8/1	0. 7059	0. 7062
2011/8/2	2. 4255	2. 4069	2011/8/2	0. 7062	0. 7049
2011/8/3	2. 4069	2. 4096	2011/8/3	0. 7049	0. 7063
2011/8/4	2. 4096	2. 4173	2011/8/4	0. 7063	0. 7092
2011/8/5	2. 4173	2. 376	2011/8/5	0. 7092	0. 7021
2011/8/8	2. 376	2. 3113	2011/8/8	0. 7021	0. 6883
2011/8/9	2. 3113	2. 3158	2011/8/9	0. 6883	0. 6917
2011/8/10	2. 3158	2. 3364	2011/8/10	0. 6917	0. 6979
2011/8/11	2. 3364	2. 3593	2011/8/11	0. 6979	0. 7064
2011/8/12	2. 3593	2. 3642	2011/8/12	0. 7064	0. 7143
2011/8/15	2. 3642	2. 4061	2011/8/15	0. 7143	0. 7195
2011/8/16	2. 4061	2. 3988	2011/8/16	0. 7195	0. 7122
2011/8/17	2. 3988	2. 3878	2011/8/17	0. 7122	0. 7088
2011/8/18	2. 3878	2. 3411	2011/8/18	0. 7088	0. 6982
2011/8/19	2. 3411	2. 3222	2011/8/19	0. 6982	0. 6957
2011/8/22	2. 3222	2. 2946	2011/8/22	0. 6957	0. 6878
2011/8/23	2. 2946	2. 329	2011/8/23	0. 6878	0. 6961
2011/8/24	2. 329	2. 3239	2011/8/24	0. 6961	0. 6985
2011/8/25	2. 3239	2. 3829	2011/8/25	0. 6985	0. 709
2011/8/26	2. 3829	2. 3845	2011/8/26	0. 709	0. 7092
2011/8/29	2. 3845	2. 349	2011/8/29	0. 7092	0. 7044
2011/8/30	2. 349	2. 346	2011/8/30	0. 7044	0. 6973
2011/8/31	2. 346	2. 3493	2011/8/31	0. 6973	0. 6943
2011/9/1	2. 3493	2. 3406	2011/9/1	0. 6943	0. 6939
2011/9/2	2. 3406	2. 3215	2011/9/2	0. 6939	0. 6867
2011/9/5	2. 3215	2. 2681	2011/9/5	0. 6867	0. 6727
2011/9/6	2. 2681	2. 239	2011/9/6	0. 6727	0. 666

2011/9/7	2. 239	2. 2802	2011/9/7	0. 666	0. 6771
2011/9/8	2. 2802	2. 2679	2011/9/8	0. 6771	0. 6748
2011/9/9	2. 2679	2. 2512	2011/9/9	0. 6748	0. 6679
2011/9/12	2. 2512	2. 2512	2011/9/12	0. 6679	0. 6679
2011/9/13	2. 2512	2. 228	2011/9/13	0. 6679	0. 6602
2011/9/14	2. 228	2. 2325	2011/9/14	0. 6602	0. 6643
2011/9/15	2. 2325	2. 2345	2011/9/15	0. 6643	0. 6674
2011/9/16	2. 2345	2. 2418	2011/9/16	0. 6674	0. 6696
2011/9/19	2. 2418	2. 2079	2011/9/19	0. 6696	0. 6608
2011/9/20	2. 2079	2. 21	2011/9/20	0. 6608	0. 6628
2011/9/21	2. 21	2. 27	2011/9/21	0. 6628	0. 6772
2011/9/22	2. 27	2. 2082	2011/9/22	0. 6772	0. 6629
2011/9/23	2. 2082	2. 1935	2011/9/23	0. 6629	0. 6579
2011/9/26	2. 1935	2. 1657	2011/9/26	0. 6579	0. 6494
2011/9/27	2. 1657	2. 1739	2011/9/27	0. 6494	0. 651
2011/9/28	2. 1739	2. 1547	2011/9/28	0. 651	0. 6459
2011/9/29	2. 1547	2. 1334	2011/9/29	0. 6459	0. 6361
2011/9/30	2. 1334	2. 1302	2011/9/30	0. 6361	0. 6373
2011/10/10	2. 1302	2. 1128	2011/10/10	0. 6373	0. 6325
2011/10/11	2. 1128	2. 102	2011/10/11	0. 6325	0. 6264
2011/10/12	2. 102	2. 1623	2011/10/12	0. 6264	0. 6438
2011/10/13	2. 1623	2. 1816	2011/10/13	0. 6438	0. 6489
2011/10/14	2. 1816	2. 1758	2011/10/14	0. 6489	0. 6465
2011/10/17	2. 1758	2. 1899	2011/10/17	0. 6465	0. 6486
2011/10/18	2. 1899	2. 1362	2011/10/18	0. 6486	0. 6364
2011/10/19	2. 1362	2. 1325	2011/10/19	0. 6364	0. 6297
2011/10/20	2. 1325	2. 0892	2011/10/20	0. 6297	0. 6165
2011/10/21	2. 0892	2. 083	2011/10/21	0. 6165	0. 6104
2011/10/24	2. 083	2. 1288	2011/10/24	0. 6104	0. 6194
2011/10/25	2. 1288	2. 1648	2011/10/25	0. 6194	0. 6327
2011/10/26	2. 1648	2. 182	2011/10/26	0. 6327	0. 6393
2011/10/27	2. 182	2. 1859	2011/10/27	0. 6393	0. 6363
2011/10/28	2. 1859	2. 2213	2011/10/28	0. 6363	0. 6498
2011/10/31	2. 2213	2. 2164	2011/10/31	0. 6498	0. 6541
2011/11/1	2. 2164	2. 2154	2011/11/1	0. 6541	0. 6583
2011/11/2	2. 2154	2. 2443	2011/11/2	0. 6583	0. 6716
2011/11/3	2. 2443	2. 2462	2011/11/3	0. 6716	0. 6732
2011/11/4	2. 2462	2. 2529	2011/11/4	0. 6732	0. 6726
2011/11/7	2. 2529	2. 2325	2011/11/7	0. 6726	0. 6695
2011/11/8	2. 2325	2. 2275	2011/11/8	0. 6695	0. 6623
2011/11/9	2. 2275	2. 2475	2011/11/9	0. 6623	0. 6698
2011/11/10	2. 2475	2. 2225	2011/11/10	0. 6698	0. 6658

2011/11/11	2. 2225	2. 2137	2011/11/11	0. 6658	0. 6634
2011/11/14	2. 2137	2. 2493	2011/11/14	0. 6634	0. 6757
2011/11/15	2. 2493	2. 2499	2011/11/15	0. 6757	0. 6756
2011/11/16	2. 2499	2. 1994	2011/11/16	0. 6756	0. 6624
2011/11/17	2. 1994	2. 2003	2011/11/17	0. 6624	0. 6616
2011/11/18	2. 2003	2. 1654	2011/11/18	0. 6616	0. 6514
2011/11/21	2. 1654	2. 1611	2011/11/21	0. 6514	0. 6522
2011/11/22	2. 1611	2. 1589	2011/11/22	0. 6522	0. 6505
2011/11/23	2. 1589	2. 1443	2011/11/23	0. 6505	0. 6475
2011/11/24	2. 1443	2. 1469	2011/11/24	0. 6475	0. 6496
2011/11/25	2. 1469	2. 1394	2011/11/25	0. 6496	0. 6473
2011/11/28	2. 1394	2. 1422	2011/11/28	0. 6473	0. 6488
2011/11/29	2. 1422	2. 1664	2011/11/29	0. 6488	0. 6547
2011/11/30	2. 1664	2. 1025	2011/11/30	0. 6547	0. 6375
2011/12/1	2. 1025	2. 1446	2011/12/1	0. 6375	0. 6467
2011/12/2	2. 1446	2. 1169	2011/12/2	0. 6467	0. 6369
2011/12/5	2. 1169	2. 079	2011/12/5	0. 6369	0. 622
2011/12/6	2. 079	2. 0869	2011/12/6	0. 622	0. 6231
2011/12/7	2. 0869	2. 1012	2011/12/7	0. 6231	0. 6274
2011/12/8	2. 1012	2. 1025	2011/12/8	0. 6274	0. 6291
2011/12/9	2. 1025	2. 0816	2011/12/9	0. 6291	0. 6243
2011/12/12	2. 0816	2. 0585	2011/12/12	0. 6243	0. 6174
2011/12/13	2. 0585	2. 0215	2011/12/13	0. 6174	0. 6037
2011/12/14	2. 0215	2. 0026	2011/12/14	0. 6037	0. 5996
2011/12/15	2. 0026	1. 9771	2011/12/15	0. 5996	0. 5932
2011/12/16	1. 9771	2. 0219	2011/12/16	0. 5932	0. 6069
2011/12/19	2. 0219	2. 0228	2011/12/19	0. 6069	0. 6095
2011/12/20	2. 0228	2. 0167	2011/12/20	0. 6095	0. 6092
2011/12/21	2. 0167	1. 9949	2011/12/21	0. 6092	0. 5994
2011/12/22	1. 9949	2. 0017	2011/12/22	0. 5994	0. 5973
2011/12/23	2. 0017	2. 0219	2011/12/23	0. 5973	0. 6003
2011/12/26	2. 0219	2. 0035	2011/12/26	0. 6003	0. 5939
2011/12/27	2. 0035	1. 9772	2011/12/27	0. 5939	0. 5839
2011/12/28	1. 9772	1. 9751	2011/12/28	0. 5839	0. 5837
2011/12/29	1. 9751	1. 9885	2011/12/29	0. 5837	0. 5883
2011/12/30	1. 9885	2. 0203	2011/12/30	0. 5883	0. 5974
2011/12/31	2. 0203	2. 0202	2011/12/31	0. 5974	0. 5974

code:040011

code:050008

time	open	close	time	open	close
2011/1/4	1. 1946	1. 2034	 2011/1/4	1. 083	1. 097
2011/1/5	1. 2034	1. 1927	2011/1/5	1. 097	1. 085

2011/1/6	1.1927	1.181	2011/1/6	1.085	1.08
2011/1/7	1.181	1.1734	2011/1/7	1.08	1.084
2011/1/10	1.1734	1.1471	2011/1/10	1.084	1.063
2011/1/11	1.1471	1.1384	2011/1/11	1.063	1.063
2011/1/12	1.1384	1.1433	2011/1/12	1.063	1.07
2011/1/13	1.1433	1.1442	2011/1/13	1.07	1.073
2011/1/14	1.1442	1.1236	2011/1/14	1.073	1.062
2011/1/17	1.1236	1.0768	2011/1/17	1.062	1.025
2011/1/18	1.0768	1.0829	2011/1/18	1.025	1.031
2011/1/19	1.0829	1.1112	2011/1/19	1.031	1.043
2011/1/20	1.1112	1.0744	2011/1/20	1.043	1.016
2011/1/21	1.0744	1.0831	2011/1/21	1.016	1.019
2011/1/24	1.0831	1.0561	2011/1/24	1.019	1.01
2011/1/25	1.0561	1.0436	2011/1/25	1.01	1.008
2011/1/26	1.0436	1.0634	2011/1/26	1.008	1.018
2011/1/27	1.0634	1.0858	2011/1/27	1.018	1.028
2011/1/28	1.0858	1.0994	2011/1/28	1.028	1.031
2011/1/31	1.0994	1.1135	2011/1/31	1.031	1.037
2011/2/1	1.1135	1.1124	2011/2/1	1.037	1.04
2011/2/9	1.1124	1.1112	2011/2/9	1.04	1.03
2011/2/10	1.1112	1.1385	2011/2/10	1.03	1.047
2011/2/11	1.1385	1.15	2011/2/11	1.047	1.052
2011/2/14	1.15	1.1723	2011/2/14	1.052	1.075
2011/2/15	1.1723	1.1673	2011/2/15	1.075	1.071
2011/2/16	1.1673	1.1762	2011/2/16	1.071	1.078
2011/2/17	1.1762	1.1821	2011/2/17	1.078	1.074
2011/2/18	1.1821	1.1715	2011/2/18	1.074	1.061
2011/2/21	1.1715	1.1892	2011/2/21	1.061	1.073
2011/2/22	1.1892	1.1593	2011/2/22	1.073	1.051
2011/2/23	1.1593	1.1722	2011/2/23	1.051	1.054
2011/2/24	1.1722	1.1792	2011/2/24	1.054	1.057
2011/2/25	1.1792	1.1843	2011/2/25	1.057	1.059
2011/2/28	1.1843	1.2019	2011/2/28	1.059	1.071
2011/3/1	1.2019	1.2026	2011/3/1	1.071	1.074
2011/3/2	1.2026	1.1878	2011/3/2	1.074	1.068
2011/3/3	1.1878	1.1639	2011/3/3	1.068	1.059
2011/3/4	1.1639	1.1739	2011/3/4	1.059	1.073
2011/3/7	1.1739	1.1862	2011/3/7	1.073	1.092
2011/3/8	1.1862	1.1859	2011/3/8	1.092	1.092
2011/3/9	1.1859	1.1914	2011/3/9	1.092	1.094
2011/3/10	1.1914	1.1869	2011/3/10	1.094	1.085
2011/3/11	1.1869	1.1763	2011/3/11	1.085	1.075

2011/3/14	1.1763	1.1875	2011/3/14	1.075	1.079
2011/3/15	1.1875	1.1743	2011/3/15	1.079	1.063
2011/3/16	1.1743	1.1853	2011/3/16	1.063	1.077
2011/3/17	1.1853	1.1636	2011/3/17	1.077	1.062
2011/3/18	1.1636	1.1647	2011/3/18	1.062	1.067
2011/3/21	1.1647	1.1517	2011/3/21	1.067	1.064
2011/3/22	1.1517	1.1564	2011/3/22	1.064	1.067
2011/3/23	1.1564	1.1673	2011/3/23	1.067	1.077
2011/3/24	1.1673	1.1723	2011/3/24	1.077	1.075
2011/3/25	1.1723	1.1785	2011/3/25	1.075	1.085
2011/3/28	1.1785	1.1596	2011/3/28	1.085	1.073
2011/3/29	1.1596	1.141	2011/3/29	1.073	1.065
2011/3/30	1.141	1.1389	2011/3/30	1.065	1.064
2011/3/31	1.1389	1.1299	2011/3/31	1.064	1.055
2011/4/1	1.1299	1.142	2011/4/1	1.055	1.067
2011/4/6	1.142	1.1309	2011/4/6	1.067	1.07
2011/4/7	1.1309	1.1346	2011/4/7	1.07	1.079
2011/4/8	1.1346	1.1533	2011/4/8	1.079	1.085
2011/4/11	1.1533	1.145	2011/4/11	1.085	1.076
2011/4/12	1.145	1.1419	2011/4/12	1.076	1.073
2011/4/13	1.1419	1.1553	2011/4/13	1.073	1.085
2011/4/14	1.1553	1.1552	2011/4/14	1.085	1.078
2011/4/15	1.1552	1.1553	2011/4/15	1.078	1.076
2011/4/18	1.1553	1.1525	2011/4/18	1.076	1.077
2011/4/19	1.1525	1.1241	2011/4/19	1.077	1.066
2011/4/20	1.1241	1.1301	2011/4/20	1.066	1.068
2011/4/21	1.1301	1.1355	2011/4/21	1.068	1.072
2011/4/22	1.1355	1.128	2011/4/22	1.072	1.068
2011/4/25	1.128	1.112	2011/4/25	1.068	1.06
2011/4/26	1.112	1.1065	2011/4/26	1.06	1.054
2011/4/27	1.1065	1.0982	2011/4/27	1.054	1.049
2011/4/28	1.0982	1.0739	2011/4/28	1.049	1.032
2011/4/29	1.0739	1.0876	2011/4/29	1.032	1.042
2011/5/2	1.0876	1.0876	2011/5/2	1.042	1.042
2011/5/3	1.0876	1.1016	2011/5/3	1.042	1.051
2011/5/4	1.1016	1.0735	2011/5/4	1.051	1.03
2011/5/5	1.0735	1.0727	2011/5/5	1.03	1.034
2011/5/6	1.0727	1.0773	2011/5/6	1.034	1.038
2011/5/9	1.0773	1.0808	2011/5/9	1.038	1.04
2011/5/10	1.0808	1.0865	2011/5/10	1.04	1.044
2011/5/11	1.0865	1.0853	2011/5/11	1.044	1.043
2011/5/12	1.0853	1.0723	2011/5/12	1.043	1.037

2011/5/13	1.0723	1.0735	2011/5/13	1.037	1.039
2011/5/16	1.0735	1.0657	2011/5/16	1.039	1.031
2011/5/17	1.0657	1.0621	2011/5/17	1.031	1.031
2011/5/18	1.0621	1.0669	2011/5/18	1.031	1.041
2011/5/19	1.0669	1.0621	2011/5/19	1.041	1.04
2011/5/20	1.0621	1.0594	2011/5/20	1.04	1.039
2011/5/23	1.0594	1.0252	2011/5/23	1.039	1.013
2011/5/24	1.0252	1.0279	2011/5/24	1.013	1.013
2011/5/25	1.0279	1.0149	2011/5/25	1.013	1.002
2011/5/26	1.0149	1.0039	2011/5/26	1.002	1
2011/5/27	1.0039	0.9943	2011/5/27	1	0.995
2011/5/30	0.9943	0.9899	2011/5/30	0.995	0.999
2011/5/31	0.9899	1.0056	2011/5/31	0.999	1.01
2011/6/1	1.0056	1.008	2011/6/1	1.01	1.017
2011/6/2	1.008	0.9917	2011/6/2	1.017	1.005
2011/6/3	0.9917	1.0053	2011/6/3	1.005	1.017
2011/6/7	1.0053	1.0129	2011/6/7	1.017	1.017
2011/6/8	1.0129	1.0146	2011/6/8	1.017	1.016
2011/6/9	1.0146	0.9942	2011/6/9	1.016	0.996
2011/6/10	0.9942	1.001	2011/6/10	0.996	0.999
2011/6/13	1.001	1.0024	2011/6/13	0.999	0.995
2011/6/14	1.0024	1.0181	2011/6/14	0.995	1.012
2011/6/15	1.0181	1.0078	2011/6/15	1.012	1.005
2011/6/16	1.0078	0.992	2011/6/16	1.005	0.999
2011/6/17	0.992	0.9827	2011/6/17	0.999	0.998
2011/6/20	0.9827	0.975	2011/6/20	0.998	0.992
2011/6/21	0.975	0.9881	2011/6/21	0.992	1.005
2011/6/22	0.9881	0.9861	2011/6/22	1.005	1.007
2011/6/23	0.9861	1.0072	2011/6/23	1.007	1.021
2011/6/24	1.0072	1.029	2011/6/24	1.021	1.034
2011/6/27	1.029	1.0328	2011/6/27	1.034	1.035
2011/6/28	1.0328	1.0326	2011/6/28	1.035	1.036
2011/6/29	1.0326	1.0215	2011/6/29	1.036	1.029
2011/6/30	1.0215	1.037	2011/6/30	1.029	1.041
2011/7/1	1.037	1.0382	2011/7/1	1.041	1.042
2011/7/4	1.0382	1.0605	2011/7/4	1.042	1.057
2011/7/5	1.0605	1.0642	2011/7/5	1.057	1.057
2011/7/6	1.0642	1.0638	2011/7/6	1.057	1.055
2011/7/7	1.0638	1.0625	2011/7/7	1.055	1.054
2011/7/8	1.0625	1.067	2011/7/8	1.054	1.057
2011/7/11	1.067	1.0733	2011/7/11	1.057	1.06
2011/7/12	1.0733	1.0581	2011/7/12	1.06	1.047

2011/7/13	1.0581	1.0762	2011/7/13	1.047	1.061
2011/7/14	1.0762	1.0784	2011/7/14	1.061	1.061
2011/7/15	1.0784	1.0835	2011/7/15	1.061	1.064
2011/7/18	1.0835	1.0823	2011/7/18	1.064	1.065
2011/7/19	1.0823	1.0736	2011/7/19	1.065	1.055
2011/7/20	1.0736	1.071	2011/7/20	1.055	1.055
2011/7/21	1.071	1.0583	2011/7/21	1.055	1.051
2011/7/22	1.0583	1.0602	2011/7/22	1.051	1.057
2011/7/25	1.0602	1.0257	2011/7/25	1.057	1.034
2011/7/26	1.0257	1.0283	2011/7/26	1.034	1.034
2011/7/27	1.0283	1.0397	2011/7/27	1.034	1.039
2011/7/28	1.0397	1.0373	2011/7/28	1.039	1.034
2011/7/29	1.0373	1.03	2011/7/29	1.034	1.033
2011/8/1	1.03	1.0309	2011/8/1	1.033	1.031
2011/8/2	1.0309	1.0237	2011/8/2	1.031	1.026
2011/8/3	1.0237	1.0242	2011/8/3	1.026	1.026
2011/8/4	1.0242	1.0256	2011/8/4	1.026	1.032
2011/8/5	1.0256	1.0074	2011/8/5	1.032	1.02
2011/8/8	1.0074	0.9698	2011/8/8	1.02	1
2011/8/9	0.9698	0.9747	2011/8/9	1	1.004
2011/8/10	0.9747	0.9829	2011/8/10	1.004	1.012
2011/8/11	0.9829	1.0013	2011/8/11	1.012	1.023
2011/8/12	1.0013	1.0083	2011/8/12	1.023	1.025
2011/8/15	1.0083	1.0215	2011/8/15	1.025	1.035
2011/8/16	1.0215	1.0168	2011/8/16	1.035	1.03
2011/8/17	1.0168	1.0122	2011/8/17	1.03	1.024
2011/8/18	1.0122	0.9935	2011/8/18	1.024	1.008
2011/8/19	0.9935	0.9877	2011/8/19	1.008	1.003
2011/8/22	0.9877	0.9777	2011/8/22	1.003	0.991
2011/8/23	0.9777	0.9951	2011/8/23	0.991	1.003
2011/8/24	0.9951	0.9948	2011/8/24	1.003	0.999
2011/8/25	0.9948	1.0212	2011/8/25	0.999	1.022
2011/8/26	1.0212	1.0227	2011/8/26	1.022	1.022
2011/8/29	1.0227	1.0116	2011/8/29	1.022	1.009
2011/8/30	1.0116	1.0034	2011/8/30	1.009	1.007
2011/8/31	1.0034	0.9991	2011/8/31	1.007	1.009
2011/9/1	0.9991	0.9932	2011/9/1	1.009	1.006
2011/9/2	0.9932	0.9826	2011/9/2	1.006	1
2011/9/5	0.9826	0.9629	2011/9/5	1	0.986
2011/9/6	0.9629	0.9571	2011/9/6	0.986	0.977
2011/9/7	0.9571	0.9751	2011/9/7	0.977	0.988
2011/9/8	0.9751	0.969	2011/9/8	0.988	0.984

2011/9/9	0.969	0.964	2011/9/9	0.984	0.981
2011/9/12	0.964	0.964	2011/9/12	0.981	0.981
2011/9/13	0.964	0.9526	2011/9/13	0.981	0.973
2011/9/14	0.9526	0.96	2011/9/14	0.973	0.974
2011/9/15	0.96	0.961	2011/9/15	0.974	0.977
2011/9/16	0.961	0.9596	2011/9/16	0.977	0.979
2011/9/19	0.9596	0.9405	2011/9/19	0.979	0.971
2011/9/20	0.9405	0.9444	2011/9/20	0.971	0.969
2011/9/21	0.9444	0.9687	2011/9/21	0.969	0.982
2011/9/22	0.9687	0.9406	2011/9/22	0.982	0.966
2011/9/23	0.9406	0.9328	2011/9/23	0.966	0.961
2011/9/26	0.9328	0.9188	2011/9/26	0.961	0.948
2011/9/27	0.9188	0.9241	2011/9/27	0.948	0.954
2011/9/28	0.9241	0.9087	2011/9/28	0.954	0.952
2011/9/29	0.9087	0.8954	2011/9/29	0.952	0.948
2011/9/30	0.8954	0.8955	2011/9/30	0.948	0.95
2011/10/10	0.8955	0.8876	2011/10/10	0.95	0.942
2011/10/11	0.8876	0.88	2011/10/11	0.942	0.936
2011/10/12	0.88	0.9085	2011/10/12	0.936	0.952
2011/10/13	0.9085	0.9163	2011/10/13	0.952	0.955
2011/10/14	0.9163	0.9141	2011/10/14	0.955	0.953
2011/10/17	0.9141	0.9166	2011/10/17	0.953	0.961
2011/10/18	0.9166	0.8943	2011/10/18	0.961	0.949
2011/10/19	0.8943	0.8899	2011/10/19	0.949	0.945
2011/10/20	0.8899	0.8698	2011/10/20	0.945	0.932
2011/10/21	0.8698	0.8629	2011/10/21	0.932	0.93
2011/10/24	0.8629	0.8774	2011/10/24	0.93	0.947
2011/10/25	0.8774	0.8955	2011/10/25	0.947	0.957
2011/10/26	0.8955	0.9088	2011/10/26	0.957	0.967
2011/10/27	0.9088	0.9066	2011/10/27	0.967	0.963
2011/10/28	0.9066	0.9274	2011/10/28	0.963	0.972
2011/10/31	0.9274	0.9326	2011/10/31	0.972	0.971
2011/11/1	0.9326	0.9355	2011/11/1	0.971	0.971
2011/11/2	0.9355	0.9561	2011/11/2	0.971	0.985
2011/11/3	0.9561	0.9568	2011/11/3	0.985	0.985
2011/11/4	0.9568	0.9592	2011/11/4	0.985	0.987
2011/11/7	0.9592	0.9521	2011/11/7	0.987	0.984
2011/11/8	0.9521	0.9441	2011/11/8	0.984	0.98
2011/11/9	0.9441	0.9551	2011/11/9	0.98	0.981
2011/11/10	0.9551	0.9434	2011/11/10	0.981	0.976
2011/11/11	0.9434	0.9401	2011/11/11	0.976	0.973
2011/11/14	0.9401	0.9594	2011/11/14	0.973	0.984

2011/11/15	0.9594	0.9597	2011/11/15	0.984	0.981
2011/11/16	0.9597	0.9357	2011/11/16	0.981	0.968
2011/11/17	0.9357	0.9331	2011/11/17	0.968	0.968
2011/11/18	0.9331	0.9164	2011/11/18	0.968	0.96
2011/11/21	0.9164	0.9178	2011/11/21	0.96	0.962
2011/11/22	0.9178	0.9149	2011/11/22	0.962	0.966
2011/11/23	0.9149	0.9088	2011/11/23	0.966	0.967
2011/11/24	0.9088	0.9089	2011/11/24	0.967	0.97
2011/11/25	0.9089	0.902	2011/11/25	0.97	0.969
2011/11/28	0.902	0.9048	2011/11/28	0.969	0.971
2011/11/29	0.9048	0.9169	2011/11/29	0.971	0.972
2011/11/30	0.9169	0.885	2011/11/30	0.972	0.958
2011/12/1	0.885	0.9036	2011/12/1	0.958	0.968
2011/12/2	0.9036	0.8964	2011/12/2	0.968	0.967
2011/12/5	0.8964	0.8815	2011/12/5	0.967	0.954
2011/12/6	0.8815	0.8816	2011/12/6	0.954	0.95
2011/12/7	0.8816	0.8857	2011/12/7	0.95	0.954
2011/12/8	0.8857	0.8896	2011/12/8	0.954	0.953
2011/12/9	0.8896	0.8842	2011/12/9	0.953	0.948
2011/12/12	0.8842	0.8726	2011/12/12	0.948	0.94
2011/12/13	0.8726	0.852	2011/12/13	0.94	0.932
2011/12/14	0.852	0.841	2011/12/14	0.932	0.929
2011/12/15	0.841	0.8258	2011/12/15	0.929	0.922
2011/12/16	0.8258	0.8462	2011/12/16	0.922	0.935
2011/12/19	0.8462	0.8471	2011/12/19	0.935	0.938
2011/12/20	0.8471	0.8449	2011/12/20	0.938	0.941
2011/12/21	0.8449	0.8319	2011/12/21	0.941	0.935
2011/12/22	0.8319	0.8254	2011/12/22	0.935	0.94
2011/12/23	0.8254	0.8331	2011/12/23	0.94	0.943
2011/12/26	0.8331	0.8246	2011/12/26	0.943	0.933
2011/12/27	0.8246	0.8145	2011/12/27	0.933	0.92
2011/12/28	0.8145	0.8126	2011/12/28	0.92	0.918
2011/12/29	0.8126	0.8141	2011/12/29	0.918	0.924
2011/12/30	0.8141	0.827	2011/12/30	0.924	0.934
2011/12/31	0.827	0.827	2011/12/31	0.934	0.934

code:050004 博时精选股票

code:050009

time	open	close	time	open	close
2011/1/4	1.4507	1.4714	2011/1/4	0.756	0.764
2011/1/5	1.4714	1.4579	2011/1/5	0.764	0.757
2011/1/6	1.4579	1.4471	2011/1/6	0.757	0.754
2011/1/7	1.4471	1.4432	2011/1/7	0.754	0.753
2011/1/10	1.4432	1.4162	2011/1/10	0.753	0.738

2011/1/11	1. 4162	1. 414	2011/1/11	0. 738	0. 736
2011/1/12	1. 414	1. 4217	2011/1/12	0. 736	0. 739
2011/1/13	1. 4217	1. 4228	2011/1/13	0. 739	0. 741
2011/1/14	1. 4228	1. 4033	2011/1/14	0. 741	0. 732
2011/1/17	1. 4033	1. 3555	2011/1/17	0. 732	0. 708
2011/1/18	1. 3555	1. 3661	2011/1/18	0. 708	0. 711
2011/1/19	1. 3661	1. 391	2011/1/19	0. 711	0. 725
2011/1/20	1. 391	1. 3477	2011/1/20	0. 725	0. 703
2011/1/21	1. 3477	1. 3532	2011/1/21	0. 703	0. 705
2011/1/24	1. 3532	1. 3295	2011/1/24	0. 705	0. 695
2011/1/25	1. 3295	1. 3228	2011/1/25	0. 695	0. 693
2011/1/26	1. 3228	1. 3444	2011/1/26	0. 693	0. 701
2011/1/27	1. 3444	1. 3676	2011/1/27	0. 701	0. 714
2011/1/28	1. 3676	1. 372	2011/1/28	0. 714	0. 717
2011/1/31	1. 372	1. 3825	2011/1/31	0. 717	0. 726
2011/2/1	1. 3825	1. 3811	2011/2/1	0. 726	0. 726
2011/2/9	1. 3811	1. 3745	2011/2/9	0. 726	0. 721
2011/2/10	1. 3745	1. 4016	2011/2/10	0. 721	0. 737
2011/2/11	1. 4016	1. 4131	2011/2/11	0. 737	0. 742
2011/2/14	1. 4131	1. 4413	2011/2/14	0. 742	0. 757
2011/2/15	1. 4413	1. 4344	2011/2/15	0. 757	0. 755
2011/2/16	1. 4344	1. 4438	2011/2/16	0. 755	0. 763
2011/2/17	1. 4438	1. 4476	2011/2/17	0. 763	0. 762
2011/2/18	1. 4476	1. 4338	2011/2/18	0. 762	0. 755
2011/2/21	1. 4338	1. 4529	2011/2/21	0. 755	0. 767
2011/2/22	1. 4529	1. 4161	2011/2/22	0. 767	0. 748
2011/2/23	1. 4161	1. 4223	2011/2/23	0. 748	0. 751
2011/2/24	1. 4223	1. 4368	2011/2/24	0. 751	0. 752
2011/2/25	1. 4368	1. 4386	2011/2/25	0. 752	0. 753
2011/2/28	1. 4386	1. 4562	2011/2/28	0. 753	0. 764
2011/3/1	1. 4562	1. 4647	2011/3/1	0. 764	0. 766
2011/3/2	1. 4647	1. 461	2011/3/2	0. 766	0. 763
2011/3/3	1. 461	1. 4454	2011/3/3	0. 763	0. 754
2011/3/4	1. 4454	1. 4618	2011/3/4	0. 754	0. 765
2011/3/7	1. 4618	1. 4813	2011/3/7	0. 765	0. 777
2011/3/8	1. 4813	1. 4804	2011/3/8	0. 777	0. 778
2011/3/9	1. 4804	1. 4865	2011/3/9	0. 778	0. 778
2011/3/10	1. 4865	1. 4689	2011/3/10	0. 778	0. 769
2011/3/11	1. 4689	1. 4543	2011/3/11	0. 769	0. 763
2011/3/14	1. 4543	1. 4573	2011/3/14	0. 763	0. 767
2011/3/15	1. 4573	1. 4243	2011/3/15	0. 767	0. 757
2011/3/16	1. 4243	1. 439	2011/3/16	0. 757	0. 764

2011/3/17	1.439	1.4148	2011/3/17	0.764	0.752
2011/3/18	1.4148	1.4216	2011/3/18	0.752	0.758
2011/3/21	1.4216	1.4196	2011/3/21	0.758	0.754
2011/3/22	1.4196	1.4279	2011/3/22	0.754	0.756
2011/3/23	1.4279	1.4408	2011/3/23	0.756	0.764
2011/3/24	1.4408	1.4338	2011/3/24	0.764	0.764
2011/3/25	1.4338	1.4405	2011/3/25	0.764	0.775
2011/3/28	1.4405	1.4273	2011/3/28	0.775	0.771
2011/3/29	1.4273	1.4115	2011/3/29	0.771	0.758
2011/3/30	1.4115	1.4038	2011/3/30	0.758	0.756
2011/3/31	1.4038	1.3955	2011/3/31	0.756	0.747
2011/4/1	1.3955	1.4109	2011/4/1	0.747	0.755
2011/4/6	1.4109	1.4152	2011/4/6	0.755	0.759
2011/4/7	1.4152	1.4244	2011/4/7	0.759	0.764
2011/4/8	1.4244	1.4374	2011/4/8	0.764	0.769
2011/4/11	1.4374	1.427	2011/4/11	0.769	0.76
2011/4/12	1.427	1.4198	2011/4/12	0.76	0.754
2011/4/13	1.4198	1.4431	2011/4/13	0.754	0.764
2011/4/14	1.4431	1.4401	2011/4/14	0.764	0.759
2011/4/15	1.4401	1.4414	2011/4/15	0.759	0.761
2011/4/18	1.4414	1.4399	2011/4/18	0.761	0.759
2011/4/19	1.4399	1.4256	2011/4/19	0.759	0.747
2011/4/20	1.4256	1.4332	2011/4/20	0.747	0.748
2011/4/21	1.4332	1.4335	2011/4/21	0.748	0.754
2011/4/22	1.4335	1.4278	2011/4/22	0.754	0.753
2011/4/25	1.4278	1.4206	2011/4/25	0.753	0.744
2011/4/26	1.4206	1.414	2011/4/26	0.744	0.741
2011/4/27	1.414	1.409	2011/4/27	0.741	0.735
2011/4/28	1.409	1.3924	2011/4/28	0.735	0.717
2011/4/29	1.3924	1.4021	2011/4/29	0.717	0.728
2011/5/2	1.4021	1.4021	2011/5/2	0.728	0.728
2011/5/3	1.4021	1.4103	2011/5/3	0.728	0.733
2011/5/4	1.4103	1.3778	2011/5/4	0.733	0.716
2011/5/5	1.3778	1.3815	2011/5/5	0.716	0.716
2011/5/6	1.3815	1.3825	2011/5/6	0.716	0.72
2011/5/9	1.3825	1.3867	2011/5/9	0.72	0.723
2011/5/10	1.3867	1.3925	2011/5/10	0.723	0.729
2011/5/11	1.3925	1.388	2011/5/11	0.729	0.729
2011/5/12	1.388	1.3742	2011/5/12	0.729	0.721
2011/5/13	1.3742	1.3825	2011/5/13	0.721	0.724
2011/5/16	1.3825	1.3736	2011/5/16	0.724	0.72
2011/5/17	1.3736	1.3787	2011/5/17	0.72	0.715

2011/5/18	1.3787	1.3901	2011/5/18	0.715	0.72
2011/5/19	1.3901	1.3845	2011/5/19	0.72	0.717
2011/5/20	1.3845	1.3837	2011/5/20	0.717	0.715
2011/5/23	1.3837	1.3401	2011/5/23	0.715	0.692
2011/5/24	1.3401	1.3394	2011/5/24	0.692	0.695
2011/5/25	1.3394	1.3218	2011/5/25	0.695	0.687
2011/5/26	1.3218	1.3171	2011/5/26	0.687	0.683
2011/5/27	1.3171	1.3083	2011/5/27	0.683	0.675
2011/5/30	1.3083	1.3119	2011/5/30	0.675	0.671
2011/5/31	1.3119	1.3308	2011/5/31	0.671	0.681
2011/6/1	1.3308	1.3322	2011/6/1	0.681	0.687
2011/6/2	1.3322	1.3128	2011/6/2	0.687	0.68
2011/6/3	1.3128	1.3282	2011/6/3	0.68	0.688
2011/6/7	1.3282	1.3344	2011/6/7	0.688	0.693
2011/6/8	1.3344	1.3343	2011/6/8	0.693	0.693
2011/6/9	1.3343	1.311	2011/6/9	0.693	0.677
2011/6/10	1.311	1.3131	2011/6/10	0.677	0.677
2011/6/13	1.3131	1.3087	2011/6/13	0.677	0.68
2011/6/14	1.3087	1.3233	2011/6/14	0.68	0.688
2011/6/15	1.3233	1.3121	2011/6/15	0.688	0.681
2011/6/16	1.3121	1.2978	2011/6/16	0.681	0.671
2011/6/17	1.2978	1.2897	2011/6/17	0.671	0.661
2011/6/20	1.2897	1.2852	2011/6/20	0.661	0.657
2011/6/21	1.2852	1.3	2011/6/21	0.657	0.664
2011/6/22	1.3	1.3042	2011/6/22	0.664	0.665
2011/6/23	1.3042	1.3246	2011/6/23	0.665	0.677
2011/6/24	1.3246	1.3453	2011/6/24	0.677	0.691
2011/6/27	1.3453	1.3513	2011/6/27	0.691	0.695
2011/6/28	1.3513	1.3519	2011/6/28	0.695	0.697
2011/6/29	1.3519	1.3409	2011/6/29	0.697	0.688
2011/6/30	1.3409	1.3578	2011/6/30	0.688	0.696
2011/7/1	1.3578	1.3578	2011/7/1	0.696	0.696
2011/7/4	1.3578	1.3794	2011/7/4	0.696	0.709
2011/7/5	1.3794	1.3784	2011/7/5	0.709	0.709
2011/7/6	1.3784	1.3768	2011/7/6	0.709	0.709
2011/7/7	1.3768	1.3761	2011/7/7	0.709	0.706
2011/7/8	1.3761	1.3748	2011/7/8	0.706	0.704
2011/7/11	1.3748	1.3813	2011/7/11	0.704	0.709
2011/7/12	1.3813	1.3648	2011/7/12	0.709	0.699
2011/7/13	1.3648	1.3834	2011/7/13	0.699	0.71
2011/7/14	1.3834	1.3867	2011/7/14	0.71	0.711
2011/7/15	1.3867	1.3921	2011/7/15	0.711	0.715

2011/7/18	1.3921	1.3939	2011/7/18	0.715	0.716
2011/7/19	1.3939	1.3835	2011/7/19	0.716	0.709
2011/7/20	1.3835	1.3857	2011/7/20	0.709	0.709
2011/7/21	1.3857	1.379	2011/7/21	0.709	0.702
2011/7/22	1.379	1.3826	2011/7/22	0.702	0.705
2011/7/25	1.3826	1.3474	2011/7/25	0.705	0.682
2011/7/26	1.3474	1.3491	2011/7/26	0.682	0.683
2011/7/27	1.3491	1.3577	2011/7/27	0.683	0.691
2011/7/28	1.3577	1.355	2011/7/28	0.691	0.69
2011/7/29	1.355	1.354	2011/7/29	0.69	0.686
2011/8/1	1.354	1.3548	2011/8/1	0.686	0.688
2011/8/2	1.3548	1.3478	2011/8/2	0.688	0.684
2011/8/3	1.3478	1.3527	2011/8/3	0.684	0.686
2011/8/4	1.3527	1.3517	2011/8/4	0.686	0.687
2011/8/5	1.3517	1.3274	2011/8/5	0.687	0.678
2011/8/8	1.3274	1.2942	2011/8/8	0.678	0.654
2011/8/9	1.2942	1.3054	2011/8/9	0.654	0.657
2011/8/10	1.3054	1.3159	2011/8/10	0.657	0.663
2011/8/11	1.3159	1.3408	2011/8/11	0.663	0.673
2011/8/12	1.3408	1.3478	2011/8/12	0.673	0.677
2011/8/15	1.3478	1.369	2011/8/15	0.677	0.685
2011/8/16	1.369	1.363	2011/8/16	0.685	0.682
2011/8/17	1.363	1.36	2011/8/17	0.682	0.679
2011/8/18	1.36	1.3381	2011/8/18	0.679	0.669
2011/8/19	1.3381	1.3358	2011/8/19	0.669	0.665
2011/8/22	1.3358	1.3185	2011/8/22	0.665	0.656
2011/8/23	1.3185	1.335	2011/8/23	0.656	0.664
2011/8/24	1.335	1.331	2011/8/24	0.664	0.663
2011/8/25	1.331	1.3668	2011/8/25	0.663	0.679
2011/8/26	1.3668	1.3669	2011/8/26	0.679	0.679
2011/8/29	1.3669	1.3545	2011/8/29	0.679	0.672
2011/8/30	1.3545	1.343	2011/8/30	0.672	0.669
2011/8/31	1.343	1.3391	2011/8/31	0.669	0.666
2011/9/1	1.3391	1.3338	2011/9/1	0.666	0.662
2011/9/2	1.3338	1.3215	2011/9/2	0.662	0.656
2011/9/5	1.3215	1.2968	2011/9/5	0.656	0.641
2011/9/6	1.2968	1.2916	2011/9/6	0.641	0.635
2011/9/7	1.2916	1.3138	2011/9/7	0.635	0.648
2011/9/8	1.3138	1.3042	2011/9/8	0.648	0.642
2011/9/9	1.3042	1.2992	2011/9/9	0.642	0.64
2011/9/12	1.2992	1.2992	2011/9/12	0.64	0.64
2011/9/13	1.2992	1.2883	2011/9/13	0.64	0.632

2011/9/14	1. 2883	1. 2904	2011/9/14	0. 632	0. 636
2011/9/15	1. 2904	1. 2889	2011/9/15	0. 636	0. 636
2011/9/16	1. 2889	1. 2901	2011/9/16	0. 636	0. 637
2011/9/19	1. 2901	1. 2671	2011/9/19	0. 637	0. 625
2011/9/20	1. 2671	1. 2675	2011/9/20	0. 625	0. 627
2011/9/21	1. 2675	1. 2959	2011/9/21	0. 627	0. 643
2011/9/22	1. 2959	1. 259	2011/9/22	0. 643	0. 627
2011/9/23	1. 259	1. 2478	2011/9/23	0. 627	0. 623
2011/9/26	1. 2478	1. 2176	2011/9/26	0. 623	0. 613
2011/9/27	1. 2176	1. 2256	2011/9/27	0. 613	0. 616
2011/9/28	1. 2256	1. 2146	2011/9/28	0. 616	0. 609
2011/9/29	1. 2146	1. 2017	2011/9/29	0. 609	0. 598
2011/9/30	1. 2017	1. 199	2011/9/30	0. 598	0. 595
2011/10/10	1. 199	1. 1852	2011/10/10	0. 595	0. 59
2011/10/11	1. 1852	1. 184	2011/10/11	0. 59	0. 586
2011/10/12	1. 184	1. 2268	2011/10/12	0. 586	0. 606
2011/10/13	1. 2268	1. 2339	2011/10/13	0. 606	0. 612
2011/10/14	1. 2339	1. 231	2011/10/14	0. 612	0. 611
2011/10/17	1. 231	1. 2398	2011/10/17	0. 611	0. 615
2011/10/18	1. 2398	1. 2096	2011/10/18	0. 615	0. 598
2011/10/19	1. 2096	1. 2037	2011/10/19	0. 598	0. 594
2011/10/20	1. 2037	1. 1787	2011/10/20	0. 594	0. 581
2011/10/21	1. 1787	1. 1729	2011/10/21	0. 581	0. 573
2011/10/24	1. 1729	1. 2034	2011/10/24	0. 573	0. 582
2011/10/25	1. 2034	1. 2218	2011/10/25	0. 582	0. 595
2011/10/26	1. 2218	1. 2396	2011/10/26	0. 595	0. 6
2011/10/27	1. 2396	1. 2405	2011/10/27	0. 6	0. 601
2011/10/28	1. 2405	1. 2611	2011/10/28	0. 601	0. 611
2011/10/31	1. 2611	1. 2593	2011/10/31	0. 611	0. 611
2011/11/1	1. 2593	1. 2665	2011/11/1	0. 611	0. 61
2011/11/2	1. 2665	1. 289	2011/11/2	0. 61	0. 618
2011/11/3	1. 289	1. 2863	2011/11/3	0. 618	0. 619
2011/11/4	1. 2863	1. 2936	2011/11/4	0. 619	0. 622
2011/11/7	1. 2936	1. 2797	2011/11/7	0. 622	0. 617
2011/11/8	1. 2797	1. 2727	2011/11/8	0. 617	0. 612
2011/11/9	1. 2727	1. 2847	2011/11/9	0. 612	0. 619
2011/11/10	1. 2847	1. 2691	2011/11/10	0. 619	0. 611
2011/11/11	1. 2691	1. 2658	2011/11/11	0. 611	0. 611
2011/11/14	1. 2658	1. 2873	2011/11/14	0. 611	0. 621
2011/11/15	1. 2873	1. 2819	2011/11/15	0. 621	0. 622
2011/11/16	1. 2819	1. 2507	2011/11/16	0. 622	0. 608
2011/11/17	1. 2507	1. 2476	2011/11/17	0. 608	0. 607

2011/11/18	1.2476	1.2292	2011/11/18	0.607	0.596
2011/11/21	1.2292	1.23	2011/11/21	0.596	0.596
2011/11/22	1.23	1.2333	2011/11/22	0.596	0.596
2011/11/23	1.2333	1.225	2011/11/23	0.596	0.592
2011/11/24	1.225	1.2325	2011/11/24	0.592	0.594
2011/11/25	1.2325	1.2219	2011/11/25	0.594	0.59
2011/11/28	1.2219	1.2217	2011/11/28	0.59	0.591
2011/11/29	1.2217	1.236	2011/11/29	0.591	0.599
2011/11/30	1.236	1.2034	2011/11/30	0.599	0.582
2011/12/1	1.2034	1.2354	2011/12/1	0.582	0.591
2011/12/2	1.2354	1.2261	2011/12/2	0.591	0.583
2011/12/5	1.2261	1.2094	2011/12/5	0.583	0.569
2011/12/6	1.2094	1.209	2011/12/6	0.569	0.569
2011/12/7	1.209	1.2151	2011/12/7	0.569	0.571
2011/12/8	1.2151	1.2129	2011/12/8	0.571	0.572
2011/12/9	1.2129	1.2033	2011/12/9	0.572	0.566
2011/12/12	1.2033	1.1866	2011/12/12	0.566	0.561
2011/12/13	1.1866	1.1565	2011/12/13	0.561	0.548
2011/12/14	1.1565	1.1472	2011/12/14	0.548	0.54
2011/12/15	1.1472	1.1328	2011/12/15	0.54	0.531
2011/12/16	1.1328	1.1622	2011/12/16	0.531	0.542
2011/12/19	1.1622	1.1628	2011/12/19	0.542	0.543
2011/12/20	1.1628	1.1655	2011/12/20	0.543	0.541
2011/12/21	1.1655	1.1415	2011/12/21	0.541	0.532
2011/12/22	1.1415	1.1379	2011/12/22	0.532	0.531
2011/12/23	1.1379	1.1479	2011/12/23	0.531	0.532
2011/12/26	1.1479	1.1381	2011/12/26	0.532	0.528
2011/12/27	1.1381	1.1214	2011/12/27	0.528	0.517
2011/12/28	1.1214	1.1213	2011/12/28	0.517	0.515
2011/12/29	1.1213	1.1223	2011/12/29	0.515	0.516
2011/12/30	1.1223	1.1423	2011/12/30	0.516	0.524
2011/12/31	1.1423	1.1422	2011/12/31	0.524	0.524

code:050010

code:070006

time	open	close	time	open	close
2011/1/4	1.389	1.413	2011/1/4	4.461	4.503
2011/1/5	1.413	1.403	2011/1/5	4.503	4.481
2011/1/6	1.403	1.399	2011/1/6	4.481	4.426
2011/1/7	1.399	1.396	2011/1/7	4.426	4.401
2011/1/10	1.396	1.368	2011/1/10	4.401	4.294
2011/1/11	1.368	1.371	2011/1/11	4.294	4.294
2011/1/12	1.371	1.374	2011/1/12	4.294	4.277
2011/1/13	1.374	1.377	2011/1/13	4.277	4.301

2011/1/14	1. 377	1. 356	2011/1/14	4. 301	4. 25
2011/1/17	1. 356	1. 319	2011/1/17	4. 25	4. 106
2011/1/18	1. 319	1. 318	2011/1/18	4. 106	4. 139
2011/1/19	1. 318	1. 338	2011/1/19	4. 139	4. 234
2011/1/20	1. 338	1. 104	2011/1/20	4. 234	4. 108
2011/1/21	1. 104	1. 111	2011/1/21	4. 108	4. 116
2011/1/24	1. 111	1. 092	2011/1/24	4. 116	4. 019
2011/1/25	1. 092	1. 083	2011/1/25	4. 019	3. 993
2011/1/26	1. 083	1. 096	2011/1/26	3. 993	4. 049
2011/1/27	1. 096	1. 112	2011/1/27	4. 049	4. 12
2011/1/28	1. 112	1. 123	2011/1/28	4. 12	4. 151
2011/1/31	1. 123	1. 132	2011/1/31	4. 151	4. 194
2011/2/1	1. 132	1. 132	2011/2/1	4. 194	4. 196
2011/2/9	1. 132	1. 13	2011/2/9	4. 196	4. 165
2011/2/10	1. 13	1. 163	2011/2/10	4. 165	4. 268
2011/2/11	1. 163	1. 173	2011/2/11	4. 268	4. 308
2011/2/14	1. 173	1. 202	2011/2/14	4. 308	4. 385
2011/2/15	1. 202	1. 197	2011/2/15	4. 385	4. 377
2011/2/16	1. 197	1. 204	2011/2/16	4. 377	4. 408
2011/2/17	1. 204	1. 205	2011/2/17	4. 408	4. 421
2011/2/18	1. 205	1. 191	2011/2/18	4. 421	4. 389
2011/2/21	1. 191	1. 209	2011/2/21	4. 389	4. 433
2011/2/22	1. 209	1. 182	2011/2/22	4. 433	4. 328
2011/2/23	1. 182	1. 186	2011/2/23	4. 328	4. 35
2011/2/24	1. 186	1. 197	2011/2/24	4. 35	4. 375
2011/2/25	1. 197	1. 201	2011/2/25	4. 375	4. 383
2011/2/28	1. 201	1. 219	2011/2/28	4. 383	4. 43
2011/3/1	1. 219	1. 221	2011/3/1	4. 43	4. 437
2011/3/2	1. 221	1. 215	2011/3/2	4. 437	4. 413
2011/3/3	1. 215	1. 205	2011/3/3	4. 413	4. 36
2011/3/4	1. 205	1. 224	2011/3/4	4. 36	4. 394
2011/3/7	1. 224	1. 242	2011/3/7	4. 394	4. 442
2011/3/8	1. 242	1. 248	2011/3/8	4. 442	4. 443
2011/3/9	1. 248	1. 246	2011/3/9	4. 443	4. 476
2011/3/10	1. 246	1. 238	2011/3/10	4. 476	4. 454
2011/3/11	1. 238	1. 23	2011/3/11	4. 454	4. 429
2011/3/14	1. 23	1. 239	2011/3/14	4. 429	4. 468
2011/3/15	1. 239	1. 22	2011/3/15	4. 468	4. 407
2011/3/16	1. 22	1. 235	2011/3/16	4. 407	4. 44
2011/3/17	1. 235	1. 218	2011/3/17	4. 44	4. 395
2011/3/18	1. 218	1. 226	2011/3/18	4. 395	4. 388
2011/3/21	1. 226	1. 221	2011/3/21	4. 388	4. 344

2011/3/22	1. 221	1. 224	2011/3/22	4. 344	4. 348
2011/3/23	1. 224	1. 243	2011/3/23	4. 348	4. 396
2011/3/24	1. 243	1. 242	2011/3/24	4. 396	4. 405
2011/3/25	1. 242	1. 266	2011/3/25	4. 405	4. 438
2011/3/28	1. 266	1. 263	2011/3/28	4. 438	4. 381
2011/3/29	1. 263	1. 242	2011/3/29	4. 381	4. 31
2011/3/30	1. 242	1. 237	2011/3/30	4. 31	4. 303
2011/3/31	1. 237	1. 227	2011/3/31	4. 303	4. 278
2011/4/1	1. 227	1. 239	2011/4/1	4. 278	4. 317
2011/4/6	1. 239	1. 241	2011/4/6	4. 317	4. 301
2011/4/7	1. 241	1. 25	2011/4/7	4. 301	4. 33
2011/4/8	1. 25	1. 263	2011/4/8	4. 33	4. 378
2011/4/11	1. 263	1. 253	2011/4/11	4. 378	4. 342
2011/4/12	1. 253	1. 252	2011/4/12	4. 342	4. 326
2011/4/13	1. 252	1. 264	2011/4/13	4. 326	4. 38
2011/4/14	1. 264	1. 264	2011/4/14	4. 38	4. 37
2011/4/15	1. 264	1. 265	2011/4/15	4. 37	4. 369
2011/4/18	1. 265	1. 266	2011/4/18	4. 369	4. 36
2011/4/19	1. 266	1. 249	2011/4/19	4. 36	4. 312
2011/4/20	1. 249	1. 251	2011/4/20	4. 312	4. 312
2011/4/21	1. 251	1. 254	2011/4/21	4. 312	4. 342
2011/4/22	1. 254	1. 252	2011/4/22	4. 342	4. 331
2011/4/25	1. 252	1. 241	2011/4/25	4. 331	4. 271
2011/4/26	1. 241	1. 231	2011/4/26	4. 271	4. 226
2011/4/27	1. 231	1. 222	2011/4/27	4. 226	4. 179
2011/4/28	1. 222	1. 206	2011/4/28	4. 179	4. 087
2011/4/29	1. 206	1. 217	2011/4/29	4. 087	4. 126
2011/5/2	1. 217	1. 217	2011/5/2	4. 126	4. 126
2011/5/3	1. 217	1. 224	2011/5/3	4. 126	4. 167
2011/5/4	1. 224	1. 199	2011/5/4	4. 167	4. 076
2011/5/5	1. 199	1. 203	2011/5/5	4. 076	4. 09
2011/5/6	1. 203	1. 202	2011/5/6	4. 09	4. 106
2011/5/9	1. 202	1. 209	2011/5/9	4. 106	4. 133
2011/5/10	1. 209	1. 215	2011/5/10	4. 133	4. 159
2011/5/11	1. 215	1. 212	2011/5/11	4. 159	4. 155
2011/5/12	1. 212	1. 203	2011/5/12	4. 155	4. 104
2011/5/13	1. 203	1. 21	2011/5/13	4. 104	4. 096
2011/5/16	1. 21	1. 2	2011/5/16	4. 096	4. 064
2011/5/17	1. 2	1. 2	2011/5/17	4. 064	4. 056
2011/5/18	1. 2	1. 205	2011/5/18	4. 056	4. 077
2011/5/19	1. 205	1. 2	2011/5/19	4. 077	4. 053
2011/5/20	1. 2	1. 2	2011/5/20	4. 053	4. 042

2011/5/23	1. 2	1. 167	2011/5/23	4. 042	3. 926
2011/5/24	1. 167	1. 167	2011/5/24	3. 926	3. 941
2011/5/25	1. 167	1. 156	2011/5/25	3. 941	3. 907
2011/5/26	1. 156	1. 15	2011/5/26	3. 907	3. 877
2011/5/27	1. 15	1. 143	2011/5/27	3. 877	3. 824
2011/5/30	1. 143	1. 141	2011/5/30	3. 824	3. 806
2011/5/31	1. 141	1. 157	2011/5/31	3. 806	3. 853
2011/6/1	1. 157	1. 161	2011/6/1	3. 853	3. 89
2011/6/2	1. 161	1. 147	2011/6/2	3. 89	3. 838
2011/6/3	1. 147	1. 161	2011/6/3	3. 838	3. 893
2011/6/7	1. 161	1. 166	2011/6/7	3. 893	3. 905
2011/6/8	1. 166	1. 169	2011/6/8	3. 905	3. 909
2011/6/9	1. 169	1. 15	2011/6/9	3. 909	3. 832
2011/6/10	1. 15	1. 15	2011/6/10	3. 832	3. 849
2011/6/13	1. 15	1. 145	2011/6/13	3. 849	3. 841
2011/6/14	1. 145	1. 163	2011/6/14	3. 841	3. 918
2011/6/15	1. 163	1. 152	2011/6/15	3. 918	3. 882
2011/6/16	1. 152	1. 137	2011/6/16	3. 882	3. 835
2011/6/17	1. 137	1. 129	2011/6/17	3. 835	3. 818
2011/6/20	1. 129	1. 122	2011/6/20	3. 818	3. 794
2011/6/21	1. 122	1. 138	2011/6/21	3. 794	3. 841
2011/6/22	1. 138	1. 14	2011/6/22	3. 841	3. 845
2011/6/23	1. 14	1. 16	2011/6/23	3. 845	3. 921
2011/6/24	1. 16	1. 188	2011/6/24	3. 921	3. 998
2011/6/27	1. 188	1. 186	2011/6/27	3. 998	4. 021
2011/6/28	1. 186	1. 187	2011/6/28	4. 021	4. 026
2011/6/29	1. 187	1. 175	2011/6/29	4. 026	3. 988
2011/6/30	1. 175	1. 191	2011/6/30	3. 988	4. 042
2011/7/1	1. 191	1. 192	2011/7/1	4. 042	4. 073
2011/7/4	1. 192	1. 211	2011/7/4	4. 073	4. 154
2011/7/5	1. 211	1. 213	2011/7/5	4. 154	4. 162
2011/7/6	1. 213	1. 208	2011/7/6	4. 162	4. 165
2011/7/7	1. 208	1. 205	2011/7/7	4. 165	4. 178
2011/7/8	1. 205	1. 21	2011/7/8	4. 178	4. 178
2011/7/11	1. 21	1. 215	2011/7/11	4. 178	4. 204
2011/7/12	1. 215	1. 205	2011/7/12	4. 204	4. 157
2011/7/13	1. 205	1. 221	2011/7/13	4. 157	4. 216
2011/7/14	1. 221	1. 221	2011/7/14	4. 216	4. 22
2011/7/15	1. 221	1. 222	2011/7/15	4. 22	4. 234
2011/7/18	1. 222	1. 226	2011/7/18	4. 234	4. 228
2011/7/19	1. 226	1. 214	2011/7/19	4. 228	4. 199
2011/7/20	1. 214	1. 212	2011/7/20	4. 199	4. 2

2011/7/21	1. 212	1. 206	2011/7/21	4. 2	4. 175
2011/7/22	1. 206	1. 213	2011/7/22	4. 175	4. 198
2011/7/25	1. 213	1. 186	2011/7/25	4. 198	4. 09
2011/7/26	1. 186	1. 192	2011/7/26	4. 09	4. 102
2011/7/27	1. 192	1. 204	2011/7/27	4. 102	4. 16
2011/7/28	1. 204	1. 196	2011/7/28	4. 16	4. 144
2011/7/29	1. 196	1. 191	2011/7/29	4. 144	4. 124
2011/8/1	1. 191	1. 191	2011/8/1	4. 124	4. 127
2011/8/2	1. 191	1. 183	2011/8/2	4. 127	4. 119
2011/8/3	1. 183	1. 179	2011/8/3	4. 119	4. 13
2011/8/4	1. 179	1. 18	2011/8/4	4. 13	4. 138
2011/8/5	1. 18	1. 167	2011/8/5	4. 138	4. 084
2011/8/8	1. 167	1. 145	2011/8/8	4. 084	3. 992
2011/8/9	1. 145	1. 146	2011/8/9	3. 992	4. 021
2011/8/10	1. 146	1. 152	2011/8/10	4. 021	4. 06
2011/8/11	1. 152	1. 164	2011/8/11	4. 06	4. 124
2011/8/12	1. 164	1. 165	2011/8/12	4. 124	4. 13
2011/8/15	1. 165	1. 176	2011/8/15	4. 13	4. 153
2011/8/16	1. 176	1. 171	2011/8/16	4. 153	4. 126
2011/8/17	1. 171	1. 171	2011/8/17	4. 126	4. 109
2011/8/18	1. 171	1. 156	2011/8/18	4. 109	4. 048
2011/8/19	1. 156	1. 152	2011/8/19	4. 048	4. 031
2011/8/22	1. 152	1. 142	2011/8/22	4. 031	3. 98
2011/8/23	1. 142	1. 155	2011/8/23	3. 98	4. 023
2011/8/24	1. 155	1. 154	2011/8/24	4. 023	4. 026
2011/8/25	1. 154	1. 184	2011/8/25	4. 026	4. 104
2011/8/26	1. 184	1. 182	2011/8/26	4. 104	4. 103
2011/8/29	1. 182	1. 163	2011/8/29	4. 103	4. 075
2011/8/30	1. 163	1. 158	2011/8/30	4. 075	4. 055
2011/8/31	1. 158	1. 159	2011/8/31	4. 055	4. 047
2011/9/1	1. 159	1. 155	2011/9/1	4. 047	4. 026
2011/9/2	1. 155	1. 148	2011/9/2	4. 026	3. 995
2011/9/5	1. 148	1. 132	2011/9/5	3. 995	3. 932
2011/9/6	1. 132	1. 119	2011/9/6	3. 932	3. 9
2011/9/7	1. 119	1. 137	2011/9/7	3. 9	3. 974
2011/9/8	1. 137	1. 129	2011/9/8	3. 974	3. 951
2011/9/9	1. 129	1. 124	2011/9/9	3. 951	3. 933
2011/9/12	1. 124	1. 124	2011/9/12	3. 933	3. 933
2011/9/13	1. 124	1. 113	2011/9/13	3. 933	3. 881
2011/9/14	1. 113	1. 117	2011/9/14	3. 881	3. 886
2011/9/15	1. 117	1. 116	2011/9/15	3. 886	3. 885
2011/9/16	1. 116	1. 116	2011/9/16	3. 885	3. 891

2011/9/19	1.116	1.097	2011/9/19	3.891	3.836
2011/9/20	1.097	1.101	2011/9/20	3.836	3.832
2011/9/21	1.101	1.127	2011/9/21	3.832	3.915
2011/9/22	1.127	1.102	2011/9/22	3.915	3.835
2011/9/23	1.102	1.096	2011/9/23	3.835	3.804
2011/9/26	1.096	1.075	2011/9/26	3.804	3.745
2011/9/27	1.075	1.084	2011/9/27	3.745	3.757
2011/9/28	1.084	1.073	2011/9/28	3.757	3.724
2011/9/29	1.073	1.06	2011/9/29	3.724	3.679
2011/9/30	1.06	1.06	2011/9/30	3.679	3.684
2011/10/10	1.06	1.053	2011/10/10	3.684	3.661
2011/10/11	1.053	1.044	2011/10/11	3.661	3.633
2011/10/12	1.044	1.072	2011/10/12	3.633	3.723
2011/10/13	1.072	1.078	2011/10/13	3.723	3.757
2011/10/14	1.078	1.076	2011/10/14	3.757	3.735
2011/10/17	1.076	1.081	2011/10/17	3.735	3.773
2011/10/18	1.081	1.059	2011/10/18	3.773	3.718
2011/10/19	1.059	1.053	2011/10/19	3.718	3.7
2011/10/20	1.053	1.031	2011/10/20	3.7	3.617
2011/10/21	1.031	1.025	2011/10/21	3.617	3.603
2011/10/24	1.025	1.044	2011/10/24	3.603	3.674
2011/10/25	1.044	1.057	2011/10/25	3.674	3.741
2011/10/26	1.057	1.067	2011/10/26	3.741	3.776
2011/10/27	1.067	1.072	2011/10/27	3.776	3.777
2011/10/28	1.072	1.085	2011/10/28	3.777	3.832
2011/10/31	1.085	1.085	2011/10/31	3.832	3.841
2011/11/1	1.085	1.086	2011/11/1	3.841	3.842
2011/11/2	1.086	1.101	2011/11/2	3.842	3.904
2011/11/3	1.101	1.105	2011/11/3	3.904	3.915
2011/11/4	1.105	1.109	2011/11/4	3.915	3.923
2011/11/7	1.109	1.099	2011/11/7	3.923	3.891
2011/11/8	1.099	1.094	2011/11/8	3.891	3.874
2011/11/9	1.094	1.103	2011/11/9	3.874	3.902
2011/11/10	1.103	1.087	2011/11/10	3.902	3.865
2011/11/11	1.087	1.085	2011/11/11	3.865	3.859
2011/11/14	1.085	1.107	2011/11/14	3.859	3.928
2011/11/15	1.107	1.105	2011/11/15	3.928	3.916
2011/11/16	1.105	1.077	2011/11/16	3.916	3.837
2011/11/17	1.077	1.075	2011/11/17	3.837	3.83
2011/11/18	1.075	1.056	2011/11/18	3.83	3.778
2011/11/21	1.056	1.052	2011/11/21	3.778	3.774
2011/11/22	1.052	1.052	2011/11/22	3.774	3.776

2011/11/23	1.052	1.043	2011/11/23	3.776	3.767
2011/11/24	1.043	1.047	2011/11/24	3.767	3.783
2011/11/25	1.047	1.041	2011/11/25	3.783	3.771
2011/11/28	1.041	1.044	2011/11/28	3.771	3.789
2011/11/29	1.044	1.055	2011/11/29	3.789	3.827
2011/11/30	1.055	1.029	2011/11/30	3.827	3.743
2011/12/1	1.029	1.052	2011/12/1	3.743	3.812
2011/12/2	1.052	1.041	2011/12/2	3.812	3.783
2011/12/5	1.041	1.03	2011/12/5	3.783	3.717
2011/12/6	1.03	1.029	2011/12/6	3.717	3.709
2011/12/7	1.029	1.037	2011/12/7	3.709	3.719
2011/12/8	1.037	1.034	2011/12/8	3.719	3.712
2011/12/9	1.034	1.028	2011/12/9	3.712	3.685
2011/12/12	1.028	1.017	2011/12/12	3.685	3.647
2011/12/13	1.017	1	2011/12/13	3.647	3.576
2011/12/14	1	0.993	2011/12/14	3.576	3.547
2011/12/15	0.993	0.98	2011/12/15	3.547	3.507
2011/12/16	0.98	0.999	2011/12/16	3.507	3.594
2011/12/19	0.999	1.002	2011/12/19	3.594	3.595
2011/12/20	1.002	1.001	2011/12/20	3.595	3.592
2011/12/21	1.001	0.988	2011/12/21	3.592	3.546
2011/12/22	0.988	0.989	2011/12/22	3.546	3.549
2011/12/23	0.989	0.997	2011/12/23	3.549	3.572
2011/12/26	0.997	0.987	2011/12/26	3.572	3.528
2011/12/27	0.987	0.979	2011/12/27	3.528	3.462
2011/12/28	0.979	0.977	2011/12/28	3.462	3.448
2011/12/29	0.977	0.978	2011/12/29	3.448	3.463
2011/12/30	0.978	0.991	2011/12/30	3.463	3.517
2011/12/31	0.991	0.991	2011/12/31	3.517	3.516

code:070013

code:070099

time	open	close	time	open	close
2011/1/4	1.702	1.723	2011/1/4	1.013	1.02
2011/1/5	1.723	1.709	2011/1/5	1.02	1.011
2011/1/6	1.709	1.694	2011/1/6	1.011	1.003
2011/1/7	1.694	1.681	2011/1/7	1.003	0.998
2011/1/10	1.681	1.63	2011/1/10	0.998	0.972
2011/1/11	1.63	1.627	2011/1/11	0.972	0.963
2011/1/12	1.627	1.625	2011/1/12	0.963	0.959
2011/1/13	1.625	1.639	2011/1/13	0.959	0.971
2011/1/14	1.639	1.625	2011/1/14	0.971	0.958
2011/1/17	1.625	1.578	2011/1/17	0.958	0.928
2011/1/18	1.578	1.581	2011/1/18	0.928	0.937

2011/1/19	1.581	1.608	2011/1/19	0.937	0.954
2011/1/20	1.608	1.569	2011/1/20	0.954	0.927
2011/1/21	1.569	1.41	2011/1/21	0.927	0.923
2011/1/24	1.41	1.399	2011/1/24	0.923	0.894
2011/1/25	1.399	1.392	2011/1/25	0.894	0.891
2011/1/26	1.392	1.407	2011/1/26	0.891	0.904
2011/1/27	1.407	1.413	2011/1/27	0.904	0.921
2011/1/28	1.413	1.419	2011/1/28	0.921	0.931
2011/1/31	1.419	1.425	2011/1/31	0.931	0.938
2011/2/1	1.425	1.424	2011/2/1	0.938	0.939
2011/2/9	1.424	1.409	2011/2/9	0.939	0.929
2011/2/10	1.409	1.451	2011/2/10	0.929	0.956
2011/2/11	1.451	1.464	2011/2/11	0.956	0.965
2011/2/14	1.464	1.482	2011/2/14	0.965	0.981
2011/2/15	1.482	1.479	2011/2/15	0.981	0.982
2011/2/16	1.479	1.489	2011/2/16	0.982	0.99
2011/2/17	1.489	1.481	2011/2/17	0.99	0.987
2011/2/18	1.481	1.467	2011/2/18	0.987	0.979
2011/2/21	1.467	1.487	2011/2/21	0.979	0.987
2011/2/22	1.487	1.458	2011/2/22	0.987	0.968
2011/2/23	1.458	1.469	2011/2/23	0.968	0.974
2011/2/24	1.469	1.476	2011/2/24	0.974	0.974
2011/2/25	1.476	1.479	2011/2/25	0.974	0.975
2011/2/28	1.479	1.506	2011/2/28	0.975	0.988
2011/3/1	1.506	1.504	2011/3/1	0.988	0.99
2011/3/2	1.504	1.495	2011/3/2	0.99	0.988
2011/3/3	1.495	1.469	2011/3/3	0.988	0.972
2011/3/4	1.469	1.485	2011/3/4	0.972	0.979
2011/3/7	1.485	1.503	2011/3/7	0.979	0.989
2011/3/8	1.503	1.507	2011/3/8	0.989	0.988
2011/3/9	1.507	1.51	2011/3/9	0.988	0.991
2011/3/10	1.51	1.502	2011/3/10	0.991	0.99
2011/3/11	1.502	1.491	2011/3/11	0.99	0.987
2011/3/14	1.491	1.512	2011/3/14	0.987	0.997
2011/3/15	1.512	1.501	2011/3/15	0.997	0.98
2011/3/16	1.501	1.508	2011/3/16	0.98	0.986
2011/3/17	1.508	1.488	2011/3/17	0.986	0.973
2011/3/18	1.488	1.483	2011/3/18	0.973	0.977
2011/3/21	1.483	1.472	2011/3/21	0.977	0.969
2011/3/22	1.472	1.477	2011/3/22	0.969	0.967
2011/3/23	1.477	1.493	2011/3/23	0.967	0.98
2011/3/24	1.493	1.492	2011/3/24	0.98	0.979

2011/3/25	1.492	1.504	2011/3/25	0.979	0.987
2011/3/28	1.504	1.487	2011/3/28	0.987	0.974
2011/3/29	1.487	1.464	2011/3/29	0.974	0.954
2011/3/30	1.464	1.46	2011/3/30	0.954	0.954
2011/3/31	1.46	1.453	2011/3/31	0.954	0.954
2011/4/1	1.453	1.458	2011/4/1	0.954	0.957
2011/4/6	1.458	1.452	2011/4/6	0.957	0.949
2011/4/7	1.452	1.466	2011/4/7	0.949	0.956
2011/4/8	1.466	1.477	2011/4/8	0.956	0.97
2011/4/11	1.477	1.464	2011/4/11	0.97	0.962
2011/4/12	1.464	1.459	2011/4/12	0.962	0.96
2011/4/13	1.459	1.478	2011/4/13	0.96	0.973
2011/4/14	1.478	1.473	2011/4/14	0.973	0.966
2011/4/15	1.473	1.473	2011/4/15	0.966	0.959
2011/4/18	1.473	1.473	2011/4/18	0.959	0.955
2011/4/19	1.473	1.461	2011/4/19	0.955	0.953
2011/4/20	1.461	1.466	2011/4/20	0.953	0.961
2011/4/21	1.466	1.471	2011/4/21	0.961	0.966
2011/4/22	1.471	1.459	2011/4/22	0.966	0.969
2011/4/25	1.459	1.447	2011/4/25	0.969	0.962
2011/4/26	1.447	1.439	2011/4/26	0.962	0.953
2011/4/27	1.439	1.431	2011/4/27	0.953	0.95
2011/4/28	1.431	1.409	2011/4/28	0.95	0.933
2011/4/29	1.409	1.421	2011/4/29	0.933	0.943
2011/5/2	1.421	1.421	2011/5/2	0.943	0.943
2011/5/3	1.421	1.445	2011/5/3	0.943	0.953
2011/5/4	1.445	1.428	2011/5/4	0.953	0.937
2011/5/5	1.428	1.438	2011/5/5	0.937	0.939
2011/5/6	1.438	1.442	2011/5/6	0.939	0.942
2011/5/9	1.442	1.447	2011/5/9	0.942	0.949
2011/5/10	1.447	1.452	2011/5/10	0.949	0.949
2011/5/11	1.452	1.45	2011/5/11	0.949	0.951
2011/5/12	1.45	1.441	2011/5/12	0.951	0.946
2011/5/13	1.441	1.441	2011/5/13	0.946	0.945
2011/5/16	1.441	1.435	2011/5/16	0.945	0.937
2011/5/17	1.435	1.434	2011/5/17	0.937	0.939
2011/5/18	1.434	1.442	2011/5/18	0.939	0.946
2011/5/19	1.442	1.433	2011/5/19	0.946	0.943
2011/5/20	1.433	1.433	2011/5/20	0.943	0.943
2011/5/23	1.433	1.401	2011/5/23	0.943	0.92
2011/5/24	1.401	1.4	2011/5/24	0.92	0.916
2011/5/25	1.4	1.39	2011/5/25	0.916	0.907

2011/5/26	1.39	1.384	2011/5/26	0.907	0.899
2011/5/27	1.384	1.369	2011/5/27	0.899	0.891
2011/5/30	1.369	1.368	2011/5/30	0.891	0.894
2011/5/31	1.368	1.382	2011/5/31	0.894	0.908
2011/6/1	1.382	1.389	2011/6/1	0.908	0.916
2011/6/2	1.389	1.375	2011/6/2	0.916	0.909
2011/6/3	1.375	1.39	2011/6/3	0.909	0.927
2011/6/7	1.39	1.394	2011/6/7	0.927	0.928
2011/6/8	1.394	1.391	2011/6/8	0.928	0.93
2011/6/9	1.391	1.371	2011/6/9	0.93	0.913
2011/6/10	1.371	1.376	2011/6/10	0.913	0.913
2011/6/13	1.376	1.371	2011/6/13	0.913	0.911
2011/6/14	1.371	1.384	2011/6/14	0.911	0.928
2011/6/15	1.384	1.373	2011/6/15	0.928	0.92
2011/6/16	1.373	1.36	2011/6/16	0.92	0.909
2011/6/17	1.36	1.353	2011/6/17	0.909	0.905
2011/6/20	1.353	1.341	2011/6/20	0.905	0.897
2011/6/21	1.341	1.352	2011/6/21	0.897	0.912
2011/6/22	1.352	1.355	2011/6/22	0.912	0.915
2011/6/23	1.355	1.374	2011/6/23	0.915	0.934
2011/6/24	1.374	1.399	2011/6/24	0.934	0.948
2011/6/27	1.399	1.403	2011/6/27	0.948	0.953
2011/6/28	1.403	1.402	2011/6/28	0.953	0.959
2011/6/29	1.402	1.392	2011/6/29	0.959	0.952
2011/6/30	1.392	1.406	2011/6/30	0.952	0.963
2011/7/1	1.406	1.411	2011/7/1	0.963	0.969
2011/7/4	1.411	1.432	2011/7/4	0.969	0.983
2011/7/5	1.432	1.434	2011/7/5	0.983	0.98
2011/7/6	1.434	1.436	2011/7/6	0.98	0.981
2011/7/7	1.436	1.441	2011/7/7	0.981	0.981
2011/7/8	1.441	1.443	2011/7/8	0.981	0.983
2011/7/11	1.443	1.452	2011/7/11	0.983	0.996
2011/7/12	1.452	1.438	2011/7/12	0.996	0.989
2011/7/13	1.438	1.46	2011/7/13	0.989	1.002
2011/7/14	1.46	1.458	2011/7/14	1.002	1
2011/7/15	1.458	1.46	2011/7/15	1	1.003
2011/7/18	1.46	1.462	2011/7/18	1.003	1.005
2011/7/19	1.462	1.451	2011/7/19	1.005	0.993
2011/7/20	1.451	1.452	2011/7/20	0.993	0.995
2011/7/21	1.452	1.443	2011/7/21	0.995	0.992
2011/7/22	1.443	1.454	2011/7/22	0.992	0.999
2011/7/25	1.454	1.418	2011/7/25	0.999	0.977

2011/7/26	1.418	1.421	2011/7/26	0.977	0.979
2011/7/27	1.421	1.439	2011/7/27	0.979	0.991
2011/7/28	1.439	1.435	2011/7/28	0.991	0.989
2011/7/29	1.435	1.423	2011/7/29	0.989	0.98
2011/8/1	1.423	1.424	2011/8/1	0.98	0.979
2011/8/2	1.424	1.416	2011/8/2	0.979	0.975
2011/8/3	1.416	1.424	2011/8/3	0.975	0.977
2011/8/4	1.424	1.43	2011/8/4	0.977	0.981
2011/8/5	1.43	1.416	2011/8/5	0.981	0.974
2011/8/8	1.416	1.383	2011/8/8	0.974	0.953
2011/8/9	1.383	1.399	2011/8/9	0.953	0.956
2011/8/10	1.399	1.419	2011/8/10	0.956	0.969
2011/8/11	1.419	1.442	2011/8/11	0.969	0.984
2011/8/12	1.442	1.444	2011/8/12	0.984	0.987
2011/8/15	1.444	1.454	2011/8/15	0.987	0.993
2011/8/16	1.454	1.444	2011/8/16	0.993	0.986
2011/8/17	1.444	1.436	2011/8/17	0.986	0.981
2011/8/18	1.436	1.413	2011/8/18	0.981	0.965
2011/8/19	1.413	1.407	2011/8/19	0.965	0.96
2011/8/22	1.407	1.385	2011/8/22	0.96	0.941
2011/8/23	1.385	1.398	2011/8/23	0.941	0.949
2011/8/24	1.398	1.402	2011/8/24	0.949	0.951
2011/8/25	1.402	1.43	2011/8/25	0.951	0.969
2011/8/26	1.43	1.431	2011/8/26	0.969	0.968
2011/8/29	1.431	1.416	2011/8/29	0.968	0.958
2011/8/30	1.416	1.407	2011/8/30	0.958	0.954
2011/8/31	1.407	1.406	2011/8/31	0.954	0.957
2011/9/1	1.406	1.397	2011/9/1	0.957	0.951
2011/9/2	1.397	1.386	2011/9/2	0.951	0.944
2011/9/5	1.386	1.362	2011/9/5	0.944	0.922
2011/9/6	1.362	1.342	2011/9/6	0.922	0.907
2011/9/7	1.342	1.368	2011/9/7	0.907	0.924
2011/9/8	1.368	1.36	2011/9/8	0.924	0.918
2011/9/9	1.36	1.354	2011/9/9	0.918	0.91
2011/9/12	1.354	1.354	2011/9/12	0.91	0.91
2011/9/13	1.354	1.34	2011/9/13	0.91	0.901
2011/9/14	1.34	1.342	2011/9/14	0.901	0.9
2011/9/15	1.342	1.343	2011/9/15	0.9	0.901
2011/9/16	1.343	1.346	2011/9/16	0.901	0.905
2011/9/19	1.346	1.324	2011/9/19	0.905	0.893
2011/9/20	1.324	1.323	2011/9/20	0.893	0.897
2011/9/21	1.323	1.353	2011/9/21	0.897	0.92

2011/9/22	1.353	1.317	2011/9/22	0.92	0.898
2011/9/23	1.317	1.302	2011/9/23	0.898	0.891
2011/9/26	1.302	1.275	2011/9/26	0.891	0.878
2011/9/27	1.275	1.281	2011/9/27	0.878	0.886
2011/9/28	1.281	1.274	2011/9/28	0.886	0.88
2011/9/29	1.274	1.261	2011/9/29	0.88	0.872
2011/9/30	1.261	1.263	2011/9/30	0.872	0.873
2011/10/10	1.263	1.248	2011/10/10	0.873	0.866
2011/10/11	1.248	1.24	2011/10/11	0.866	0.854
2011/10/12	1.24	1.278	2011/10/12	0.854	0.875
2011/10/13	1.278	1.29	2011/10/13	0.875	0.883
2011/10/14	1.29	1.284	2011/10/14	0.883	0.878
2011/10/17	1.284	1.296	2011/10/17	0.878	0.887
2011/10/18	1.296	1.269	2011/10/18	0.887	0.871
2011/10/19	1.269	1.263	2011/10/19	0.871	0.863
2011/10/20	1.263	1.237	2011/10/20	0.863	0.84
2011/10/21	1.237	1.232	2011/10/21	0.84	0.835
2011/10/24	1.232	1.259	2011/10/24	0.835	0.853
2011/10/25	1.259	1.287	2011/10/25	0.853	0.869
2011/10/26	1.287	1.306	2011/10/26	0.869	0.879
2011/10/27	1.306	1.307	2011/10/27	0.879	0.881
2011/10/28	1.307	1.331	2011/10/28	0.881	0.895
2011/10/31	1.331	1.329	2011/10/31	0.895	0.892
2011/11/1	1.329	1.326	2011/11/1	0.892	0.893
2011/11/2	1.326	1.347	2011/11/2	0.893	0.903
2011/11/3	1.347	1.349	2011/11/3	0.903	0.906
2011/11/4	1.349	1.351	2011/11/4	0.906	0.907
2011/11/7	1.351	1.337	2011/11/7	0.907	0.899
2011/11/8	1.337	1.333	2011/11/8	0.899	0.896
2011/11/9	1.333	1.34	2011/11/9	0.896	0.903
2011/11/10	1.34	1.324	2011/11/10	0.903	0.893
2011/11/11	1.324	1.319	2011/11/11	0.893	0.889
2011/11/14	1.319	1.347	2011/11/14	0.889	0.902
2011/11/15	1.347	1.343	2011/11/15	0.902	0.896
2011/11/16	1.343	1.313	2011/11/16	0.896	0.881
2011/11/17	1.313	1.313	2011/11/17	0.881	0.879
2011/11/18	1.313	1.292	2011/11/18	0.879	0.866
2011/11/21	1.292	1.291	2011/11/21	0.866	0.865
2011/11/22	1.291	1.293	2011/11/22	0.865	0.867
2011/11/23	1.293	1.286	2011/11/23	0.867	0.864
2011/11/24	1.286	1.297	2011/11/24	0.864	0.866
2011/11/25	1.297	1.291	2011/11/25	0.866	0.863

2011/11/28	1.291	1.297	2011/11/28	0.863	0.864
2011/11/29	1.297	1.31	2011/11/29	0.864	0.872
2011/11/30	1.31	1.287	2011/11/30	0.872	0.853
2011/12/1	1.287	1.313	2011/12/1	0.853	0.865
2011/12/2	1.313	1.303	2011/12/2	0.865	0.855
2011/12/5	1.303	1.282	2011/12/5	0.855	0.838
2011/12/6	1.282	1.277	2011/12/6	0.838	0.839
2011/12/7	1.277	1.282	2011/12/7	0.839	0.84
2011/12/8	1.282	1.282	2011/12/8	0.84	0.839
2011/12/9	1.282	1.275	2011/12/9	0.839	0.831
2011/12/12	1.275	1.261	2011/12/12	0.831	0.823
2011/12/13	1.261	1.238	2011/12/13	0.823	0.81
2011/12/14	1.238	1.233	2011/12/14	0.81	0.806
2011/12/15	1.233	1.23	2011/12/15	0.806	0.799
2011/12/16	1.23	1.257	2011/12/16	0.799	0.817
2011/12/19	1.257	1.259	2011/12/19	0.817	0.816
2011/12/20	1.259	1.256	2011/12/20	0.816	0.815
2011/12/21	1.256	1.247	2011/12/21	0.815	0.806
2011/12/22	1.247	1.251	2011/12/22	0.806	0.807
2011/12/23	1.251	1.255	2011/12/23	0.807	0.814
2011/12/26	1.255	1.243	2011/12/26	0.814	0.803
2011/12/27	1.243	1.217	2011/12/27	0.803	0.789
2011/12/28	1.217	1.213	2011/12/28	0.789	0.787
2011/12/29	1.213	1.228	2011/12/29	0.787	0.792
2011/12/30	1.228	1.244	2011/12/30	0.792	0.804
2011/12/31	1.244	1.244	2011/12/31	0.804	0.804

code:080001

code:090007

time	open	close	time	open	close
2011/1/4	1.116	1.129	2011/1/4	1.2	1.213
2011/1/5	1.129	1.132	2011/1/5	1.213	1.206
2011/1/6	1.132	1.134	2011/1/6	1.206	1.198
2011/1/7	1.134	1.125	2011/1/7	1.198	1.194
2011/1/10	1.125	1.001	2011/1/10	1.194	1.164
2011/1/11	1.001	0.995	2011/1/11	1.164	1.16
2011/1/12	0.995	0.997	2011/1/12	1.16	1.163
2011/1/13	0.997	1.001	2011/1/13	1.163	1.171
2011/1/14	1.001	0.99	2011/1/14	1.171	1.154
2011/1/17	0.99	0.966	2011/1/17	1.154	1.07
2011/1/18	0.966	0.971	2011/1/18	1.07	1.076
2011/1/19	0.971	0.988	2011/1/19	1.076	1.102
2011/1/20	0.988	0.971	2011/1/20	1.102	1.067
2011/1/21	0.971	0.978	2011/1/21	1.067	1.065

2011/1/24	0.978	0.96	2011/1/24	1.065	1.039
2011/1/25	0.96	0.95	2011/1/25	1.039	1.037
2011/1/26	0.95	0.959	2011/1/26	1.037	1.05
2011/1/27	0.959	0.972	2011/1/27	1.05	1.071
2011/1/28	0.972	0.98	2011/1/28	1.071	1.082
2011/1/31	0.98	0.995	2011/1/31	1.082	1.094
2011/2/1	0.995	0.993	2011/2/1	1.094	1.097
2011/2/9	0.993	0.987	2011/2/9	1.097	1.081
2011/2/10	0.987	0.998	2011/2/10	1.081	1.106
2011/2/11	0.998	1.005	2011/2/11	1.106	1.112
2011/2/14	1.005	1.014	2011/2/14	1.112	1.141
2011/2/15	1.014	1.018	2011/2/15	1.141	1.143
2011/2/16	1.018	1.026	2011/2/16	1.143	1.158
2011/2/17	1.026	1.032	2011/2/17	1.158	1.154
2011/2/18	1.032	1.023	2011/2/18	1.154	1.142
2011/2/21	1.023	1.028	2011/2/21	1.142	1.16
2011/2/22	1.028	1.006	2011/2/22	1.16	1.13
2011/2/23	1.006	1.008	2011/2/23	1.13	1.133
2011/2/24	1.008	1.013	2011/2/24	1.133	1.139
2011/2/25	1.013	1.012	2011/2/25	1.139	1.139
2011/2/28	1.012	1.022	2011/2/28	1.139	1.153
2011/3/1	1.022	1.024	2011/3/1	1.153	1.157
2011/3/2	1.024	1.021	2011/3/2	1.157	1.157
2011/3/3	1.021	1.011	2011/3/3	1.157	1.142
2011/3/4	1.011	1.016	2011/3/4	1.142	1.152
2011/3/7	1.016	1.023	2011/3/7	1.152	1.167
2011/3/8	1.023	1.024	2011/3/8	1.167	1.165
2011/3/9	1.024	1.026	2011/3/9	1.165	1.167
2011/3/10	1.026	1.016	2011/3/10	1.167	1.152
2011/3/11	1.016	1.015	2011/3/11	1.152	1.146
2011/3/14	1.015	1.026	2011/3/14	1.146	1.16
2011/3/15	1.026	1.017	2011/3/15	1.16	1.133
2011/3/16	1.017	1.023	2011/3/16	1.133	1.143
2011/3/17	1.023	1.01	2011/3/17	1.143	1.133
2011/3/18	1.01	1.009	2011/3/18	1.133	1.137
2011/3/21	1.009	1.002	2011/3/21	1.137	1.133
2011/3/22	1.002	0.998	2011/3/22	1.133	1.133
2011/3/23	0.998	1.005	2011/3/23	1.133	1.15
2011/3/24	1.005	1.004	2011/3/24	1.15	1.146
2011/3/25	1.004	1.012	2011/3/25	1.146	1.159
2011/3/28	1.012	1.01	2011/3/28	1.159	1.154
2011/3/29	1.01	0.997	2011/3/29	1.154	1.137

2011/3/30	0.997	0.997	2011/3/30	1.137	1.138
2011/3/31	0.997	0.988	2011/3/31	1.138	1.134
2011/4/1	0.988	0.999	2011/4/1	1.134	1.148
2011/4/6	0.999	1.004	2011/4/6	1.148	1.146
2011/4/7	1.004	1.009	2011/4/7	1.146	1.152
2011/4/8	1.009	1.014	2011/4/8	1.152	1.165
2011/4/11	1.014	1.008	2011/4/11	1.165	1.157
2011/4/12	1.008	1.003	2011/4/12	1.157	1.151
2011/4/13	1.003	1.01	2011/4/13	1.151	1.165
2011/4/14	1.01	1.008	2011/4/14	1.165	1.157
2011/4/15	1.008	1.007	2011/4/15	1.157	1.157
2011/4/18	1.007	1.007	2011/4/18	1.157	1.153
2011/4/19	1.007	0.999	2011/4/19	1.153	1.138
2011/4/20	0.999	0.997	2011/4/20	1.138	1.133
2011/4/21	0.997	1.004	2011/4/21	1.133	1.143
2011/4/22	1.004	0.999	2011/4/22	1.143	1.142
2011/4/25	0.999	0.985	2011/4/25	1.142	1.125
2011/4/26	0.985	0.979	2011/4/26	1.125	1.12
2011/4/27	0.979	0.972	2011/4/27	1.12	1.117
2011/4/28	0.972	0.958	2011/4/28	1.117	1.098
2011/4/29	0.958	0.968	2011/4/29	1.098	1.111
2011/5/2	0.968	0.968	2011/5/2	1.111	1.111
2011/5/3	0.968	0.977	2011/5/3	1.111	1.12
2011/5/4	0.977	0.962	2011/5/4	1.12	1.095
2011/5/5	0.962	0.961	2011/5/5	1.095	1.092
2011/5/6	0.961	0.962	2011/5/6	1.092	1.089
2011/5/9	0.962	0.965	2011/5/9	1.089	1.095
2011/5/10	0.965	0.97	2011/5/10	1.095	1.098
2011/5/11	0.97	0.971	2011/5/11	1.098	1.1
2011/5/12	0.971	0.963	2011/5/12	1.1	1.093
2011/5/13	0.963	0.965	2011/5/13	1.093	1.098
2011/5/16	0.965	0.961	2011/5/16	1.098	1.089
2011/5/17	0.961	0.956	2011/5/17	1.089	1.092
2011/5/18	0.956	0.958	2011/5/18	1.092	1.099
2011/5/19	0.958	0.955	2011/5/19	1.099	1.092
2011/5/20	0.955	0.954	2011/5/20	1.092	1.089
2011/5/23	0.954	0.937	2011/5/23	1.089	1.059
2011/5/24	0.937	0.941	2011/5/24	1.059	1.058
2011/5/25	0.941	0.936	2011/5/25	1.058	1.05
2011/5/26	0.936	0.929	2011/5/26	1.05	1.044
2011/5/27	0.929	0.919	2011/5/27	1.044	1.037
2011/5/30	0.919	0.916	2011/5/30	1.037	1.033

2011/5/31	0.916	0.928	2011/5/31	1.033	1.052
2011/6/1	0.928	0.931	2011/6/1	1.052	1.056
2011/6/2	0.931	0.924	2011/6/2	1.056	1.045
2011/6/3	0.924	0.932	2011/6/3	1.045	1.058
2011/6/7	0.932	0.937	2011/6/7	1.058	1.062
2011/6/8	0.937	0.939	2011/6/8	1.062	1.065
2011/6/9	0.939	0.927	2011/6/9	1.065	1.046
2011/6/10	0.927	0.928	2011/6/10	1.046	1.051
2011/6/13	0.928	0.929	2011/6/13	1.051	1.046
2011/6/14	0.929	0.936	2011/6/14	1.046	1.062
2011/6/15	0.936	0.93	2011/6/15	1.062	1.054
2011/6/16	0.93	0.921	2011/6/16	1.054	1.041
2011/6/17	0.921	0.911	2011/6/17	1.041	1.035
2011/6/20	0.911	0.907	2011/6/20	1.035	1.029
2011/6/21	0.907	0.916	2011/6/21	1.029	1.046
2011/6/22	0.916	0.914	2011/6/22	1.046	1.05
2011/6/23	0.914	0.925	2011/6/23	1.05	1.071
2011/6/24	0.925	0.937	2011/6/24	1.071	1.085
2011/6/27	0.937	0.94	2011/6/27	1.085	1.089
2011/6/28	0.94	0.941	2011/6/28	1.089	1.094
2011/6/29	0.941	0.932	2011/6/29	1.094	1.08
2011/6/30	0.932	0.942	2011/6/30	1.08	1.094
2011/7/1	0.942	0.944	2011/7/1	1.094	1.1
2011/7/4	0.944	0.955	2011/7/4	1.1	1.122
2011/7/5	0.955	0.956	2011/7/5	1.122	1.123
2011/7/6	0.956	0.957	2011/7/6	1.123	1.123
2011/7/7	0.957	0.952	2011/7/7	1.123	1.121
2011/7/8	0.952	0.953	2011/7/8	1.121	1.123
2011/7/11	0.953	0.958	2011/7/11	1.123	1.128
2011/7/12	0.958	0.95	2011/7/12	1.128	1.11
2011/7/13	0.95	0.96	2011/7/13	1.11	1.126
2011/7/14	0.96	0.965	2011/7/14	1.126	1.128
2011/7/15	0.965	0.967	2011/7/15	1.128	1.13
2011/7/18	0.967	0.964	2011/7/18	1.13	1.129
2011/7/19	0.964	0.956	2011/7/19	1.129	1.119
2011/7/20	0.956	0.958	2011/7/20	1.119	1.119
2011/7/21	0.958	0.95	2011/7/21	1.119	1.11
2011/7/22	0.95	0.952	2011/7/22	1.11	1.116
2011/7/25	0.952	0.931	2011/7/25	1.116	1.084
2011/7/26	0.931	0.934	2011/7/26	1.084	1.088
2011/7/27	0.934	0.943	2011/7/27	1.088	1.102
2011/7/28	0.943	0.942	2011/7/28	1.102	1.098

2011/7/29	0.942	0.939	2011/7/29	1.098	1.089
2011/8/1	0.939	0.943	2011/8/1	1.089	1.092
2011/8/2	0.943	0.94	2011/8/2	1.092	1.087
2011/8/3	0.94	0.941	2011/8/3	1.087	1.089
2011/8/4	0.941	0.942	2011/8/4	1.089	1.094
2011/8/5	0.942	0.933	2011/8/5	1.094	1.082
2011/8/8	0.933	0.912	2011/8/8	1.082	1.051
2011/8/9	0.912	0.913	2011/8/9	1.051	1.054
2011/8/10	0.913	0.918	2011/8/10	1.054	1.066
2011/8/11	0.918	0.928	2011/8/11	1.066	1.084
2011/8/12	0.928	0.93	2011/8/12	1.084	1.087
2011/8/15	0.93	0.937	2011/8/15	1.087	1.099
2011/8/16	0.937	0.931	2011/8/16	1.099	1.091
2011/8/17	0.931	0.926	2011/8/17	1.091	1.085
2011/8/18	0.926	0.914	2011/8/18	1.085	1.068
2011/8/19	0.914	0.91	2011/8/19	1.068	1.061
2011/8/22	0.91	0.904	2011/8/22	1.061	1.042
2011/8/23	0.904	0.913	2011/8/23	1.042	1.052
2011/8/24	0.913	0.913	2011/8/24	1.052	1.051
2011/8/25	0.913	0.927	2011/8/25	1.051	1.07
2011/8/26	0.927	0.929	2011/8/26	1.07	1.068
2011/8/29	0.929	0.923	2011/8/29	1.068	1.061
2011/8/30	0.923	0.916	2011/8/30	1.061	1.058
2011/8/31	0.916	0.913	2011/8/31	1.058	1.061
2011/9/1	0.913	0.91	2011/9/1	1.061	1.054
2011/9/2	0.91	0.905	2011/9/2	1.054	1.044
2011/9/5	0.905	0.894	2011/9/5	1.044	1.02
2011/9/6	0.894	0.886	2011/9/6	1.02	1.004
2011/9/7	0.886	0.896	2011/9/7	1.004	1.023
2011/9/8	0.896	0.892	2011/9/8	1.023	1.017
2011/9/9	0.892	0.888	2011/9/9	1.017	1.01
2011/9/12	0.888	0.888	2011/9/12	1.01	1.01
2011/9/13	0.888	0.88	2011/9/13	1.01	1
2011/9/14	0.88	0.884	2011/9/14	1	1.004
2011/9/15	0.884	0.886	2011/9/15	1.004	1.003
2011/9/16	0.886	0.886	2011/9/16	1.003	1.006
2011/9/19	0.886	0.876	2011/9/19	1.006	0.99
2011/9/20	0.876	0.877	2011/9/20	0.99	0.991
2011/9/21	0.877	0.891	2011/9/21	0.991	1.016
2011/9/22	0.891	0.876	2011/9/22	1.016	0.987
2011/9/23	0.876	0.871	2011/9/23	0.987	0.977
2011/9/26	0.871	0.861	2011/9/26	0.977	0.963

2011/9/27	0.861	0.864	2011/9/27	0.963	0.972
2011/9/28	0.864	0.86	2011/9/28	0.972	0.967
2011/9/29	0.86	0.851	2011/9/29	0.967	0.956
2011/9/30	0.851	0.849	2011/9/30	0.956	0.958
2011/10/10	0.849	0.842	2011/10/10	0.958	0.951
2011/10/11	0.842	0.835	2011/10/11	0.951	0.937
2011/10/12	0.835	0.849	2011/10/12	0.937	0.958
2011/10/13	0.849	0.853	2011/10/13	0.958	0.967
2011/10/14	0.853	0.85	2011/10/14	0.967	0.959
2011/10/17	0.85	0.853	2011/10/17	0.959	0.964
2011/10/18	0.853	0.84	2011/10/18	0.964	0.943
2011/10/19	0.84	0.837	2011/10/19	0.943	0.935
2011/10/20	0.837	0.826	2011/10/20	0.935	0.912
2011/10/21	0.826	0.822	2011/10/21	0.912	0.907
2011/10/24	0.822	0.83	2011/10/24	0.907	0.924
2011/10/25	0.83	0.84	2011/10/25	0.924	0.943
2011/10/26	0.84	0.846	2011/10/26	0.943	0.958
2011/10/27	0.846	0.846	2011/10/27	0.958	0.959
2011/10/28	0.846	0.855	2011/10/28	0.959	0.976
2011/10/31	0.855	0.857	2011/10/31	0.976	0.974
2011/11/1	0.857	0.858	2011/11/1	0.974	0.977
2011/11/2	0.858	0.87	2011/11/2	0.977	0.992
2011/11/3	0.87	0.872	2011/11/3	0.992	0.989
2011/11/4	0.872	0.875	2011/11/4	0.989	0.993
2011/11/7	0.875	0.873	2011/11/7	0.993	0.987
2011/11/8	0.873	0.864	2011/11/8	0.987	0.984
2011/11/9	0.864	0.872	2011/11/9	0.984	0.994
2011/11/10	0.872	0.867	2011/11/10	0.994	0.984
2011/11/11	0.867	0.865	2011/11/11	0.984	0.983
2011/11/14	0.865	0.879	2011/11/14	0.983	1.001
2011/11/15	0.879	0.881	2011/11/15	1.001	1.001
2011/11/16	0.881	0.865	2011/11/16	1.001	0.977
2011/11/17	0.865	0.865	2011/11/17	0.977	0.978
2011/11/18	0.865	0.854	2011/11/18	0.978	0.959
2011/11/21	0.854	0.851	2011/11/21	0.959	0.958
2011/11/22	0.851	0.85	2011/11/22	0.958	0.963
2011/11/23	0.85	0.848	2011/11/23	0.963	0.962
2011/11/24	0.848	0.852	2011/11/24	0.962	0.968
2011/11/25	0.852	0.849	2011/11/25	0.968	0.965
2011/11/28	0.849	0.854	2011/11/28	0.965	0.967
2011/11/29	0.854	0.861	2011/11/29	0.967	0.977
2011/11/30	0.861	0.843	2011/11/30	0.977	0.955

2011/12/1	0.843	0.855	2011/12/1	0.955	0.972
2011/12/2	0.855	0.844	2011/12/2	0.972	0.961
2011/12/5	0.844	0.829	2011/12/5	0.961	0.939
2011/12/6	0.829	0.828	2011/12/6	0.939	0.937
2011/12/7	0.828	0.831	2011/12/7	0.937	0.939
2011/12/8	0.831	0.829	2011/12/8	0.939	0.929
2011/12/9	0.829	0.823	2011/12/9	0.929	0.917
2011/12/12	0.823	0.818	2011/12/12	0.917	0.903
2011/12/13	0.818	0.805	2011/12/13	0.903	0.887
2011/12/14	0.805	0.8	2011/12/14	0.887	0.877
2011/12/15	0.8	0.793	2011/12/15	0.877	0.865
2011/12/16	0.793	0.805	2011/12/16	0.865	0.882
2011/12/19	0.805	0.81	2011/12/19	0.882	0.881
2011/12/20	0.81	0.808	2011/12/20	0.881	0.877
2011/12/21	0.808	0.798	2011/12/21	0.877	0.862
2011/12/22	0.798	0.797	2011/12/22	0.862	0.861
2011/12/23	0.797	0.799	2011/12/23	0.861	0.865
2011/12/26	0.799	0.796	2011/12/26	0.865	0.853
2011/12/27	0.796	0.786	2011/12/27	0.853	0.833
2011/12/28	0.786	0.782	2011/12/28	0.833	0.827
2011/12/29	0.782	0.783	2011/12/29	0.827	0.831
2011/12/30	0.783	0.792	2011/12/30	0.831	0.843
2011/12/31	0.792	0.792	2011/12/31	0.843	0.843

code:110002

code:110005

time	open	close	time	open	close
2011/1/4	4.051	4.095	2011/1/4	1.1453	1.1553
2011/1/5	4.095	4.078	2011/1/5	1.1553	1.1514
2011/1/6	4.078	4.034	2011/1/6	1.1514	1.1357
2011/1/7	4.034	4.018	2011/1/7	1.1357	1.1281
2011/1/10	4.018	3.943	2011/1/10	1.1281	1.1008
2011/1/11	3.943	3.945	2011/1/11	1.1008	1.0909
2011/1/12	3.945	3.956	2011/1/12	1.0909	1.0886
2011/1/13	3.956	3.949	2011/1/13	1.0886	1.0933
2011/1/14	3.949	3.881	2011/1/14	1.0933	1.0777
2011/1/17	3.881	3.724	2011/1/17	1.0777	1.0338
2011/1/18	3.724	3.73	2011/1/18	1.0338	1.0359
2011/1/19	3.73	3.79	2011/1/19	1.0359	1.0572
2011/1/20	3.79	3.671	2011/1/20	1.0572	1.0269
2011/1/21	3.671	3.673	2011/1/21	1.0269	1.0243
2011/1/24	3.673	3.608	2011/1/24	1.0243	0.9976
2011/1/25	3.608	3.602	2011/1/25	0.9976	0.9935
2011/1/26	3.602	3.646	2011/1/26	0.9935	1.0073

2011/1/27	3.646	3.704	2011/1/27	1.0073	1.0259
2011/1/28	3.704	3.737	2011/1/28	1.0259	1.0371
2011/1/31	3.737	3.777	2011/1/31	1.0371	1.0493
2011/2/1	3.777	3.769	2011/2/1	1.0493	1.0514
2011/2/9	3.769	3.753	2011/2/9	1.0514	1.0424
2011/2/10	3.753	3.837	2011/2/10	1.0424	1.0262
2011/2/11	3.837	3.869	2011/2/11	1.0262	1.0341
2011/2/14	3.869	3.947	2011/2/14	1.0341	1.055
2011/2/15	3.947	3.931	2011/2/15	1.055	1.0576
2011/2/16	3.931	3.973	2011/2/16	1.0576	1.0729
2011/2/17	3.973	3.955	2011/2/17	1.0729	1.0757
2011/2/18	3.955	3.931	2011/2/18	1.0757	1.0642
2011/2/21	3.931	4.027	2011/2/21	1.0642	1.078
2011/2/22	4.027	3.944	2011/2/22	1.078	1.0535
2011/2/23	3.944	4.002	2011/2/23	1.0535	1.06
2011/2/24	4.002	4.007	2011/2/24	1.06	1.0645
2011/2/25	4.007	4.009	2011/2/25	1.0645	1.0618
2011/2/28	4.009	4.078	2011/2/28	1.0618	1.0763
2011/3/1	4.078	4.086	2011/3/1	1.0763	1.0763
2011/3/2	4.086	4.096	2011/3/2	1.0763	1.0741
2011/3/3	4.096	4.035	2011/3/3	1.0741	1.0541
2011/3/4	4.035	4.069	2011/3/4	1.0541	1.0613
2011/3/7	4.069	4.098	2011/3/7	1.0613	1.0736
2011/3/8	4.098	4.1	2011/3/8	1.0736	1.0699
2011/3/9	4.1	4.112	2011/3/9	1.0699	1.0247
2011/3/10	4.112	4.07	2011/3/10	1.0247	1.0184
2011/3/11	4.07	4.045	2011/3/11	1.0184	1.015
2011/3/14	4.045	4.097	2011/3/14	1.015	1.022
2011/3/15	4.097	4.046	2011/3/15	1.022	1.0081
2011/3/16	4.046	4.097	2011/3/16	1.0081	1.0156
2011/3/17	4.097	4.032	2011/3/17	1.0156	1.0002
2011/3/18	4.032	4.029	2011/3/18	1.0002	1.0016
2011/3/21	4.029	4.006	2011/3/21	1.0016	0.9944
2011/3/22	4.006	4.004	2011/3/22	0.9944	0.9931
2011/3/23	4.004	4.048	2011/3/23	0.9931	1.0063
2011/3/24	4.048	4.056	2011/3/24	1.0063	1.0068
2011/3/25	4.056	4.088	2011/3/25	1.0068	1.0132
2011/3/28	4.088	4.045	2011/3/28	1.0132	1.0014
2011/3/29	4.045	3.973	2011/3/29	1.0014	0.9809
2011/3/30	3.973	3.944	2011/3/30	0.9809	0.9728
2011/3/31	3.944	3.915	2011/3/31	0.9728	0.967
2011/4/1	3.915	3.956	2011/4/1	0.967	0.9772

2011/4/6	3.956	3.951	2011/4/6	0.9772	0.972
2011/4/7	3.951	3.965	2011/4/7	0.972	0.9785
2011/4/8	3.965	4.021	2011/4/8	0.9785	0.9936
2011/4/11	4.021	3.993	2011/4/11	0.9936	0.9845
2011/4/12	3.993	3.976	2011/4/12	0.9845	0.9797
2011/4/13	3.976	4.033	2011/4/13	0.9797	0.9923
2011/4/14	4.033	4.019	2011/4/14	0.9923	0.9878
2011/4/15	4.019	4.012	2011/4/15	0.9878	0.9831
2011/4/18	4.012	4.038	2011/4/18	0.9831	0.9822
2011/4/19	4.038	4.003	2011/4/19	0.9822	0.9769
2011/4/20	4.003	4.035	2011/4/20	0.9769	0.9811
2011/4/21	4.035	4.058	2011/4/21	0.9811	0.9881
2011/4/22	4.058	4.045	2011/4/22	0.9881	0.9851
2011/4/25	4.045	4.021	2011/4/25	0.9851	0.9728
2011/4/26	4.021	3.99	2011/4/26	0.9728	0.9654
2011/4/27	3.99	3.965	2011/4/27	0.9654	0.9552
2011/4/28	3.965	3.85	2011/4/28	0.9552	0.9342
2011/4/29	3.85	3.886	2011/4/29	0.9342	0.9463
2011/5/2	3.886	3.886	2011/5/2	0.9463	0.9463
2011/5/3	3.886	3.919	2011/5/3	0.9463	0.9552
2011/5/4	3.919	3.832	2011/5/4	0.9552	0.937
2011/5/5	3.832	3.849	2011/5/5	0.937	0.9387
2011/5/6	3.849	3.853	2011/5/6	0.9387	0.9397
2011/5/9	3.853	3.866	2011/5/9	0.9397	0.9448
2011/5/10	3.866	3.887	2011/5/10	0.9448	0.9478
2011/5/11	3.887	3.891	2011/5/11	0.9478	0.9466
2011/5/12	3.891	3.852	2011/5/12	0.9466	0.9373
2011/5/13	3.852	3.859	2011/5/13	0.9373	0.9395
2011/5/16	3.859	3.841	2011/5/16	0.9395	0.9352
2011/5/17	3.841	3.843	2011/5/17	0.9352	0.9382
2011/5/18	3.843	3.877	2011/5/18	0.9382	0.9441
2011/5/19	3.877	3.875	2011/5/19	0.9441	0.9416
2011/5/20	3.875	3.859	2011/5/20	0.9416	0.9421
2011/5/23	3.859	3.731	2011/5/23	0.9421	0.9144
2011/5/24	3.731	3.728	2011/5/24	0.9144	0.9133
2011/5/25	3.728	3.673	2011/5/25	0.9133	0.9041
2011/5/26	3.673	3.656	2011/5/26	0.9041	0.8957
2011/5/27	3.656	3.632	2011/5/27	0.8957	0.8853
2011/5/30	3.632	3.622	2011/5/30	0.8853	0.8787
2011/5/31	3.622	3.672	2011/5/31	0.8787	0.8927
2011/6/1	3.672	3.7	2011/6/1	0.8927	0.8994
2011/6/2	3.7	3.655	2011/6/2	0.8994	0.8907

2011/6/3	3.655	3.709	2011/6/3	0.8907	0.9032
2011/6/7	3.709	3.728	2011/6/7	0.9032	0.9101
2011/6/8	3.728	3.709	2011/6/8	0.9101	0.9109
2011/6/9	3.709	3.661	2011/6/9	0.9109	0.895
2011/6/10	3.661	3.657	2011/6/10	0.895	0.8936
2011/6/13	3.657	3.641	2011/6/13	0.8936	0.8911
2011/6/14	3.641	3.684	2011/6/14	0.8911	0.9015
2011/6/15	3.684	3.656	2011/6/15	0.9015	0.8931
2011/6/16	3.656	3.605	2011/6/16	0.8931	0.8793
2011/6/17	3.605	3.589	2011/6/17	0.8793	0.8718
2011/6/20	3.589	3.55	2011/6/20	0.8718	0.8641
2011/6/21	3.55	3.597	2011/6/21	0.8641	0.8765
2011/6/22	3.597	3.588	2011/6/22	0.8765	0.8768
2011/6/23	3.588	3.647	2011/6/23	0.8768	0.8904
2011/6/24	3.647	3.703	2011/6/24	0.8904	0.9062
2011/6/27	3.703	3.73	2011/6/27	0.9062	0.9141
2011/6/28	3.73	3.732	2011/6/28	0.9141	0.9171
2011/6/29	3.732	3.714	2011/6/29	0.9171	0.9091
2011/6/30	3.714	3.76	2011/6/30	0.9091	0.9211
2011/7/1	3.76	3.765	2011/7/1	0.9211	0.9259
2011/7/4	3.765	3.831	2011/7/4	0.9259	0.9461
2011/7/5	3.831	3.833	2011/7/5	0.9461	0.9477
2011/7/6	3.833	3.827	2011/7/6	0.9477	0.9463
2011/7/7	3.827	3.83	2011/7/7	0.9463	0.9498
2011/7/8	3.83	3.839	2011/7/8	0.9498	0.9503
2011/7/11	3.839	3.862	2011/7/11	0.9503	0.9594
2011/7/12	3.862	3.821	2011/7/12	0.9594	0.9524
2011/7/13	3.821	3.866	2011/7/13	0.9524	0.9687
2011/7/14	3.866	3.876	2011/7/14	0.9687	0.9725
2011/7/15	3.876	3.904	2011/7/15	0.9725	0.9752
2011/7/18	3.904	3.904	2011/7/18	0.9752	0.9732
2011/7/19	3.904	3.859	2011/7/19	0.9732	0.9615
2011/7/20	3.859	3.848	2011/7/20	0.9615	0.961
2011/7/21	3.848	3.823	2011/7/21	0.961	0.9551
2011/7/22	3.823	3.82	2011/7/22	0.9551	0.9589
2011/7/25	3.82	3.725	2011/7/25	0.9589	0.931
2011/7/26	3.725	3.742	2011/7/26	0.931	0.9351
2011/7/27	3.742	3.779	2011/7/27	0.9351	0.9479
2011/7/28	3.779	3.772	2011/7/28	0.9479	0.9477
2011/7/29	3.772	3.753	2011/7/29	0.9477	0.9394
2011/8/1	3.753	3.764	2011/8/1	0.9394	0.9429
2011/8/2	3.764	3.756	2011/8/2	0.9429	0.9409

2011/8/3	3.756	3.767	2011/8/3	0.9409	0.9427
2011/8/4	3.767	3.776	2011/8/4	0.9427	0.9472
2011/8/5	3.776	3.753	2011/8/5	0.9472	0.9382
2011/8/8	3.753	3.662	2011/8/8	0.9382	0.9116
2011/8/9	3.662	3.674	2011/8/9	0.9116	0.918
2011/8/10	3.674	3.701	2011/8/10	0.918	0.9306
2011/8/11	3.701	3.761	2011/8/11	0.9306	0.9464
2011/8/12	3.761	3.773	2011/8/12	0.9464	0.9485
2011/8/15	3.773	3.816	2011/8/15	0.9485	0.9556
2011/8/16	3.816	3.793	2011/8/16	0.9556	0.9498
2011/8/17	3.793	3.772	2011/8/17	0.9498	0.9456
2011/8/18	3.772	3.717	2011/8/18	0.9456	0.9327
2011/8/19	3.717	3.715	2011/8/19	0.9327	0.9274
2011/8/22	3.715	3.667	2011/8/22	0.9274	0.9147
2011/8/23	3.667	3.712	2011/8/23	0.9147	0.9267
2011/8/24	3.712	3.706	2011/8/24	0.9267	0.9279
2011/8/25	3.706	3.796	2011/8/25	0.9279	0.9436
2011/8/26	3.796	3.799	2011/8/26	0.9436	0.9443
2011/8/29	3.799	3.77	2011/8/29	0.9443	0.939
2011/8/30	3.77	3.756	2011/8/30	0.939	0.9349
2011/8/31	3.756	3.757	2011/8/31	0.9349	0.9335
2011/9/1	3.757	3.736	2011/9/1	0.9335	0.9279
2011/9/2	3.736	3.686	2011/9/2	0.9279	0.9191
2011/9/5	3.686	3.618	2011/9/5	0.9191	0.9002
2011/9/6	3.618	3.597	2011/9/6	0.9002	0.8905
2011/9/7	3.597	3.674	2011/9/7	0.8905	0.9064
2011/9/8	3.674	3.649	2011/9/8	0.9064	0.9014
2011/9/9	3.649	3.631	2011/9/9	0.9014	0.897
2011/9/12	3.631	3.631	2011/9/12	0.897	0.897
2011/9/13	3.631	3.599	2011/9/13	0.897	0.8848
2011/9/14	3.599	3.623	2011/9/14	0.8848	0.8906
2011/9/15	3.623	3.624	2011/9/15	0.8906	0.8898
2011/9/16	3.624	3.631	2011/9/16	0.8898	0.8905
2011/9/19	3.631	3.571	2011/9/19	0.8905	0.8753
2011/9/20	3.571	3.582	2011/9/20	0.8753	0.8782
2011/9/21	3.582	3.655	2011/9/21	0.8782	0.9017
2011/9/22	3.655	3.58	2011/9/22	0.9017	0.8812
2011/9/23	3.58	3.546	2011/9/23	0.8812	0.8764
2011/9/26	3.546	3.505	2011/9/26	0.8764	0.8654
2011/9/27	3.505	3.523	2011/9/27	0.8654	0.8712
2011/9/28	3.523	3.492	2011/9/28	0.8712	0.8643
2011/9/29	3.492	3.438	2011/9/29	0.8643	0.8506

2011/9/30	3.438	3.427	2011/9/30	0.8506	0.8507
2011/10/10	3.427	3.389	2011/10/10	0.8507	0.8426
2011/10/11	3.389	3.365	2011/10/11	0.8426	0.8311
2011/10/12	3.365	3.432	2011/10/12	0.8311	0.8529
2011/10/13	3.432	3.452	2011/10/13	0.8529	0.8598
2011/10/14	3.452	3.44	2011/10/14	0.8598	0.8567
2011/10/17	3.44	3.462	2011/10/17	0.8567	0.8652
2011/10/18	3.462	3.406	2011/10/18	0.8652	0.8454
2011/10/19	3.406	3.397	2011/10/19	0.8454	0.8374
2011/10/20	3.397	3.341	2011/10/20	0.8374	0.814
2011/10/21	3.341	3.326	2011/10/21	0.814	0.8031
2011/10/24	3.326	3.366	2011/10/24	0.8031	0.8168
2011/10/25	3.366	3.416	2011/10/25	0.8168	0.8352
2011/10/26	3.416	3.445	2011/10/26	0.8352	0.8436
2011/10/27	3.445	3.455	2011/10/27	0.8436	0.844
2011/10/28	3.455	3.494	2011/10/28	0.844	0.8591
2011/10/31	3.494	3.497	2011/10/31	0.8591	0.8614
2011/11/1	3.497	3.501	2011/11/1	0.8614	0.8621
2011/11/2	3.501	3.549	2011/11/2	0.8621	0.875
2011/11/3	3.549	3.553	2011/11/3	0.875	0.88
2011/11/4	3.553	3.564	2011/11/4	0.88	0.8822
2011/11/7	3.564	3.545	2011/11/7	0.8822	0.878
2011/11/8	3.545	3.527	2011/11/8	0.878	0.8732
2011/11/9	3.527	3.56	2011/11/9	0.8732	0.8818
2011/11/10	3.56	3.536	2011/11/10	0.8818	0.8736
2011/11/11	3.536	3.522	2011/11/11	0.8736	0.87
2011/11/14	3.522	3.572	2011/11/14	0.87	0.8877
2011/11/15	3.572	3.56	2011/11/15	0.8877	0.889
2011/11/16	3.56	3.489	2011/11/16	0.889	0.8707
2011/11/17	3.489	3.481	2011/11/17	0.8707	0.8726
2011/11/18	3.481	3.448	2011/11/18	0.8726	0.8586
2011/11/21	3.448	3.437	2011/11/21	0.8586	0.8555
2011/11/22	3.437	3.446	2011/11/22	0.8555	0.8548
2011/11/23	3.446	3.443	2011/11/23	0.8548	0.8536
2011/11/24	3.443	3.456	2011/11/24	0.8536	0.856
2011/11/25	3.456	3.436	2011/11/25	0.856	0.8498
2011/11/28	3.436	3.431	2011/11/28	0.8498	0.8513
2011/11/29	3.431	3.464	2011/11/29	0.8513	0.8626
2011/11/30	3.464	3.399	2011/11/30	0.8626	0.8413
2011/12/1	3.399	3.443	2011/12/1	0.8413	0.8544
2011/12/2	3.443	3.416	2011/12/2	0.8544	0.8417
2011/12/5	3.416	3.374	2011/12/5	0.8417	0.8226

2011/12/6	3.374	3.362	2011/12/6	0.8226	0.8205
2011/12/7	3.362	3.369	2011/12/7	0.8205	0.8223
2011/12/8	3.369	3.364	2011/12/8	0.8223	0.8204
2011/12/9	3.364	3.344	2011/12/9	0.8204	0.8134
2011/12/12	3.344	3.325	2011/12/12	0.8134	0.8056
2011/12/13	3.325	3.283	2011/12/13	0.8056	0.7912
2011/12/14	3.283	3.265	2011/12/14	0.7912	0.7817
2011/12/15	3.265	3.252	2011/12/15	0.7817	0.7716
2011/12/16	3.252	3.301	2011/12/16	0.7716	0.7876
2011/12/19	3.301	3.311	2011/12/19	0.7876	0.7892
2011/12/20	3.311	3.307	2011/12/20	0.7892	0.7853
2011/12/21	3.307	3.278	2011/12/21	0.7853	0.7746
2011/12/22	3.278	3.272	2011/12/22	0.7746	0.7756
2011/12/23	3.272	3.279	2011/12/23	0.7756	0.7785
2011/12/26	3.279	3.254	2011/12/26	0.7785	0.7714
2011/12/27	3.254	3.215	2011/12/27	0.7714	0.7567
2011/12/28	3.215	3.208	2011/12/28	0.7567	0.7538
2011/12/29	3.208	3.222	2011/12/29	0.7538	0.7575
2011/12/30	3.222	3.266	2011/12/30	0.7575	0.7712
2011/12/31	3.266	3.266	2011/12/31	0.7712	0.7712

code:110009

code:110011

time	open	close	time	open	close
2011/1/4	1.2524	1.2701	2011/1/4	1.931	1.949
2011/1/5	1.2701	1.261	2011/1/5	1.949	1.9419
2011/1/6	1.261	1.255	2011/1/6	1.9419	1.9253
2011/1/7	1.255	1.2574	2011/1/7	1.9253	1.9078
2011/1/10	1.2574	1.2337	2011/1/10	1.9078	1.859
2011/1/11	1.2337	1.236	2011/1/11	1.859	1.8419
2011/1/12	1.236	1.2428	2011/1/12	1.8419	1.8398
2011/1/13	1.2428	1.2429	2011/1/13	1.8398	1.8456
2011/1/14	1.2429	1.2219	2011/1/14	1.8456	1.8139
2011/1/17	1.2219	1.1706	2011/1/17	1.8139	1.7381
2011/1/18	1.1706	1.1724	2011/1/18	1.7381	1.7386
2011/1/19	1.1724	1.1953	2011/1/19	1.7386	1.78
2011/1/20	1.1953	1.1541	2011/1/20	1.78	1.7259
2011/1/21	1.1541	1.1564	2011/1/21	1.7259	1.7249
2011/1/24	1.1564	1.1383	2011/1/24	1.7249	1.6768
2011/1/25	1.1383	1.1257	2011/1/25	1.6768	1.6697
2011/1/26	1.1257	1.1392	2011/1/26	1.6697	1.6948
2011/1/27	1.1392	1.1528	2011/1/27	1.6948	1.731
2011/1/28	1.1528	1.1591	2011/1/28	1.731	1.7518
2011/1/31	1.1591	1.1686	2011/1/31	1.7518	1.7775

2011/2/1	1.1686	1.1681	2011/2/1	1.7775	1.7765
2011/2/9	1.1681	1.1642	2011/2/9	1.7765	1.7606
2011/2/10	1.1642	1.1897	2011/2/10	1.7606	1.8029
2011/2/11	1.1897	1.2027	2011/2/11	1.8029	1.8241
2011/2/14	1.2027	1.2267	2011/2/14	1.8241	1.8684
2011/2/15	1.2267	1.2199	2011/2/15	1.8684	1.8708
2011/2/16	1.2199	1.233	2011/2/16	1.8708	1.9002
2011/2/17	1.233	1.2337	2011/2/17	1.9002	1.909
2011/2/18	1.2337	1.2258	2011/2/18	1.909	1.8829
2011/2/21	1.2258	1.2507	2011/2/21	1.8829	1.9163
2011/2/22	1.2507	1.2223	2011/2/22	1.9163	1.8781
2011/2/23	1.2223	1.2307	2011/2/23	1.8781	1.8972
2011/2/24	1.2307	1.2352	2011/2/24	1.8972	1.904
2011/2/25	1.2352	1.2355	2011/2/25	1.904	1.8962
2011/2/28	1.2355	1.2523	2011/2/28	1.8962	1.9222
2011/3/1	1.2523	1.2602	2011/3/1	1.9222	1.9282
2011/3/2	1.2602	1.2566	2011/3/2	1.9282	1.9219
2011/3/3	1.2566	1.2419	2011/3/3	1.9219	1.8799
2011/3/4	1.2419	1.2553	2011/3/4	1.8799	1.899
2011/3/7	1.2553	1.2692	2011/3/7	1.899	1.9207
2011/3/8	1.2692	1.2739	2011/3/8	1.9207	1.919
2011/3/9	1.2739	1.275	2011/3/9	1.919	1.9326
2011/3/10	1.275	1.263	2011/3/10	1.9326	1.9199
2011/3/11	1.263	1.2542	2011/3/11	1.9199	1.9081
2011/3/14	1.2542	1.2661	2011/3/14	1.9081	1.9192
2011/3/15	1.2661	1.2433	2011/3/15	1.9192	1.9016
2011/3/16	1.2433	1.2583	2011/3/16	1.9016	1.9263
2011/3/17	1.2583	1.24	2011/3/17	1.9263	1.9071
2011/3/18	1.24	1.2454	2011/3/18	1.9071	1.91
2011/3/21	1.2454	1.2402	2011/3/21	1.91	1.898
2011/3/22	1.2402	1.2413	2011/3/22	1.898	1.8919
2011/3/23	1.2413	1.2572	2011/3/23	1.8919	1.9169
2011/3/24	1.2572	1.2563	2011/3/24	1.9169	1.92
2011/3/25	1.2563	1.267	2011/3/25	1.92	1.9356
2011/3/28	1.267	1.2603	2011/3/28	1.9356	1.9217
2011/3/29	1.2603	1.2454	2011/3/29	1.9217	1.8773
2011/3/30	1.2454	1.2385	2011/3/30	1.8773	1.8574
2011/3/31	1.2385	1.2289	2011/3/31	1.8574	1.8405
2011/4/1	1.2289	1.2446	2011/4/1	1.8405	1.8596
2011/4/6	1.2446	1.2492	2011/4/6	1.8596	1.8475
2011/4/7	1.2492	1.251	2011/4/7	1.8475	1.8587
2011/4/8	1.251	1.2617	2011/4/8	1.8587	1.8857

2011/4/11	1.2617	1.2469	2011/4/11	1.8857	1.8725
2011/4/12	1.2469	1.247	2011/4/12	1.8725	1.8639
2011/4/13	1.247	1.2674	2011/4/13	1.8639	1.8812
2011/4/14	1.2674	1.2604	2011/4/14	1.8812	1.8733
2011/4/15	1.2604	1.2656	2011/4/15	1.8733	1.8608
2011/4/18	1.2656	1.2737	2011/4/18	1.8608	1.8626
2011/4/19	1.2737	1.2602	2011/4/19	1.8626	1.8571
2011/4/20	1.2602	1.2622	2011/4/20	1.8571	1.8721
2011/4/21	1.2622	1.2682	2011/4/21	1.8721	1.8882
2011/4/22	1.2682	1.262	2011/4/22	1.8882	1.8868
2011/4/25	1.262	1.2507	2011/4/25	1.8868	1.8599
2011/4/26	1.2507	1.2428	2011/4/26	1.8599	1.844
2011/4/27	1.2428	1.2346	2011/4/27	1.844	1.818
2011/4/28	1.2346	1.2089	2011/4/28	1.818	1.7698
2011/4/29	1.2089	1.2193	2011/4/29	1.7698	1.7982
2011/5/2	1.2193	1.2193	2011/5/2	1.7982	1.7982
2011/5/3	1.2193	1.2286	2011/5/3	1.7982	1.8145
2011/5/4	1.2286	1.2048	2011/5/4	1.8145	1.7767
2011/5/5	1.2048	1.2059	2011/5/5	1.7767	1.7764
2011/5/6	1.2059	1.2037	2011/5/6	1.7764	1.7789
2011/5/9	1.2037	1.2077	2011/5/9	1.7789	1.7896
2011/5/10	1.2077	1.2144	2011/5/10	1.7896	1.803
2011/5/11	1.2144	1.2182	2011/5/11	1.803	1.8059
2011/5/12	1.2182	1.2086	2011/5/12	1.8059	1.7815
2011/5/13	1.2086	1.2163	2011/5/13	1.7815	1.7869
2011/5/16	1.2163	1.2144	2011/5/16	1.7869	1.785
2011/5/17	1.2144	1.215	2011/5/17	1.785	1.7824
2011/5/18	1.215	1.2228	2011/5/18	1.7824	1.7873
2011/5/19	1.2228	1.2155	2011/5/19	1.7873	1.7862
2011/5/20	1.2155	1.2138	2011/5/20	1.7862	1.7812
2011/5/23	1.2138	1.178	2011/5/23	1.7812	1.7143
2011/5/24	1.178	1.1761	2011/5/24	1.7143	1.7185
2011/5/25	1.1761	1.1605	2011/5/25	1.7185	1.6972
2011/5/26	1.1605	1.1553	2011/5/26	1.6972	1.6774
2011/5/27	1.1553	1.1458	2011/5/27	1.6774	1.6544
2011/5/30	1.1458	1.1427	2011/5/30	1.6544	1.6405
2011/5/31	1.1427	1.1533	2011/5/31	1.6405	1.6686
2011/6/1	1.1533	1.1576	2011/6/1	1.6686	1.6834
2011/6/2	1.1576	1.1388	2011/6/2	1.6834	1.6698
2011/6/3	1.1388	1.154	2011/6/3	1.6698	1.6972
2011/6/7	1.154	1.1602	2011/6/7	1.6972	1.7153
2011/6/8	1.1602	1.1625	2011/6/8	1.7153	1.7167

2011/6/9	1.1625	1.1407	2011/6/9	1.7167	1.6852
2011/6/10	1.1407	1.143	2011/6/10	1.6852	1.6774
2011/6/13	1.143	1.1366	2011/6/13	1.6774	1.679
2011/6/14	1.1366	1.1547	2011/6/14	1.679	1.696
2011/6/15	1.1547	1.145	2011/6/15	1.696	1.6782
2011/6/16	1.145	1.127	2011/6/16	1.6782	1.647
2011/6/17	1.127	1.1223	2011/6/17	1.647	1.6318
2011/6/20	1.1223	1.1126	2011/6/20	1.6318	1.6181
2011/6/21	1.1126	1.1265	2011/6/21	1.6181	1.6381
2011/6/22	1.1265	1.1246	2011/6/22	1.6381	1.6378
2011/6/23	1.1246	1.1427	2011/6/23	1.6378	1.6676
2011/6/24	1.1427	1.1653	2011/6/24	1.6676	1.6974
2011/6/27	1.1653	1.1725	2011/6/27	1.6974	1.713
2011/6/28	1.1725	1.174	2011/6/28	1.713	1.7197
2011/6/29	1.174	1.1615	2011/6/29	1.7197	1.7038
2011/6/30	1.1615	1.1782	2011/6/30	1.7038	1.7264
2011/7/1	1.1782	1.184	2011/7/1	1.7264	1.736
2011/7/4	1.184	1.2098	2011/7/4	1.736	1.7761
2011/7/5	1.2098	1.2128	2011/7/5	1.7761	1.7857
2011/7/6	1.2128	1.212	2011/7/6	1.7857	1.7849
2011/7/7	1.212	1.2129	2011/7/7	1.7849	1.7918
2011/7/8	1.2129	1.215	2011/7/8	1.7918	1.7987
2011/7/11	1.215	1.2171	2011/7/11	1.7987	1.8191
2011/7/12	1.2171	1.2012	2011/7/12	1.8191	1.8001
2011/7/13	1.2012	1.2204	2011/7/13	1.8001	1.8309
2011/7/14	1.2204	1.2219	2011/7/14	1.8309	1.8405
2011/7/15	1.2219	1.227	2011/7/15	1.8405	1.846
2011/7/18	1.227	1.227	2011/7/18	1.846	1.844
2011/7/19	1.227	1.2165	2011/7/19	1.844	1.8243
2011/7/20	1.2165	1.2117	2011/7/20	1.8243	1.8254
2011/7/21	1.2117	1.2008	2011/7/21	1.8254	1.8067
2011/7/22	1.2008	1.2014	2011/7/22	1.8067	1.8106
2011/7/25	1.2014	1.1665	2011/7/25	1.8106	1.7532
2011/7/26	1.1665	1.171	2011/7/26	1.7532	1.7633
2011/7/27	1.171	1.1817	2011/7/27	1.7633	1.791
2011/7/28	1.1817	1.1759	2011/7/28	1.791	1.7966
2011/7/29	1.1759	1.1747	2011/7/29	1.7966	1.7744
2011/8/1	1.1747	1.1788	2011/8/1	1.7744	1.783
2011/8/2	1.1788	1.1755	2011/8/2	1.783	1.782
2011/8/3	1.1755	1.1777	2011/8/3	1.782	1.7855
2011/8/4	1.1777	1.1796	2011/8/4	1.7855	1.7933
2011/8/5	1.1796	1.1598	2011/8/5	1.7933	1.775

2011/8/8	1.1598	1.1255	2011/8/8	1.775	1.7205
2011/8/9	1.1255	1.1342	2011/8/9	1.7205	1.7322
2011/8/10	1.1342	1.1448	2011/8/10	1.7322	1.758
2011/8/11	1.1448	1.1618	2011/8/11	1.758	1.7859
2011/8/12	1.1618	1.1643	2011/8/12	1.7859	1.7918
2011/8/15	1.1643	1.1832	2011/8/15	1.7918	1.8031
2011/8/16	1.1832	1.1734	2011/8/16	1.8031	1.7904
2011/8/17	1.1734	1.1695	2011/8/17	1.7904	1.7802
2011/8/18	1.1695	1.1514	2011/8/18	1.7802	1.7561
2011/8/19	1.1514	1.1446	2011/8/19	1.7561	1.7448
2011/8/22	1.1446	1.1322	2011/8/22	1.7448	1.7208
2011/8/23	1.1322	1.1476	2011/8/23	1.7208	1.7445
2011/8/24	1.1476	1.144	2011/8/24	1.7445	1.7493
2011/8/25	1.144	1.1775	2011/8/25	1.7493	1.7791
2011/8/26	1.1775	1.1753	2011/8/26	1.7791	1.7825
2011/8/29	1.1753	1.1596	2011/8/29	1.7825	1.7756
2011/8/30	1.1596	1.1563	2011/8/30	1.7756	1.7653
2011/8/31	1.1563	1.1533	2011/8/31	1.7653	1.7588
2011/9/1	1.1533	1.15	2011/9/1	1.7588	1.746
2011/9/2	1.15	1.1377	2011/9/2	1.746	1.7284
2011/9/5	1.1377	1.1162	2011/9/5	1.7284	1.6905
2011/9/6	1.1162	1.1085	2011/9/6	1.6905	1.6753
2011/9/7	1.1085	1.1298	2011/9/7	1.6753	1.7068
2011/9/8	1.1298	1.1212	2011/9/8	1.7068	1.6953
2011/9/9	1.1212	1.1165	2011/9/9	1.6953	1.6837
2011/9/12	1.1165	1.1165	2011/9/12	1.6837	1.6837
2011/9/13	1.1165	1.1065	2011/9/13	1.6837	1.6556
2011/9/14	1.1065	1.1133	2011/9/14	1.6556	1.6665
2011/9/15	1.1133	1.1162	2011/9/15	1.6665	1.6679
2011/9/16	1.1162	1.1174	2011/9/16	1.6679	1.6699
2011/9/19	1.1174	1.0955	2011/9/19	1.6699	1.6406
2011/9/20	1.0955	1.0979	2011/9/20	1.6406	1.642
2011/9/21	1.0979	1.1237	2011/9/21	1.642	1.6876
2011/9/22	1.1237	1.0923	2011/9/22	1.6876	1.6456
2011/9/23	1.0923	1.0824	2011/9/23	1.6456	1.6387
2011/9/26	1.0824	1.0649	2011/9/26	1.6387	1.6231
2011/9/27	1.0649	1.0716	2011/9/27	1.6231	1.6302
2011/9/28	1.0716	1.0597	2011/9/28	1.6302	1.6152
2011/9/29	1.0597	1.0435	2011/9/29	1.6152	1.5881
2011/9/30	1.0435	1.0407	2011/9/30	1.5881	1.5848
2011/10/10	1.0407	1.0236	2011/10/10	1.5848	1.5677
2011/10/11	1.0236	1.0153	2011/10/11	1.5677	1.5472

2011/10/12	1.0153	1.0451	2011/10/12	1.5472	1.5922
2011/10/13	1.0451	1.0526	2011/10/13	1.5922	1.6055
2011/10/14	1.0526	1.0471	2011/10/14	1.6055	1.596
2011/10/17	1.0471	1.0522	2011/10/17	1.596	1.6082
2011/10/18	1.0522	1.0229	2011/10/18	1.6082	1.5658
2011/10/19	1.0229	1.0153	2011/10/19	1.5658	1.551
2011/10/20	1.0153	0.9897	2011/10/20	1.551	1.5098
2011/10/21	0.9897	0.9827	2011/10/21	1.5098	1.483
2011/10/24	0.9827	1.0016	2011/10/24	1.483	1.5029
2011/10/25	1.0016	1.0208	2011/10/25	1.5029	1.5432
2011/10/26	1.0208	1.0306	2011/10/26	1.5432	1.5558
2011/10/27	1.0306	1.033	2011/10/27	1.5558	1.5536
2011/10/28	1.033	1.0559	2011/10/28	1.5536	1.587
2011/10/31	1.0559	1.0544	2011/10/31	1.587	1.5935
2011/11/1	1.0544	1.0539	2011/11/1	1.5935	1.5955
2011/11/2	1.0539	1.0677	2011/11/2	1.5955	1.6175
2011/11/3	1.0677	1.0682	2011/11/3	1.6175	1.6281
2011/11/4	1.0682	1.0768	2011/11/4	1.6281	1.6344
2011/11/7	1.0768	1.0691	2011/11/7	1.6344	1.6285
2011/11/8	1.0691	1.0592	2011/11/8	1.6285	1.6226
2011/11/9	1.0592	1.0684	2011/11/9	1.6226	1.6368
2011/11/10	1.0684	1.0524	2011/11/10	1.6368	1.6217
2011/11/11	1.0524	1.0495	2011/11/11	1.6217	1.6145
2011/11/14	1.0495	1.071	2011/11/14	1.6145	1.65
2011/11/15	1.071	1.073	2011/11/15	1.65	1.6566
2011/11/16	1.073	1.0505	2011/11/16	1.6566	1.6168
2011/11/17	1.0505	1.0489	2011/11/17	1.6168	1.6199
2011/11/18	1.0489	1.0256	2011/11/18	1.6199	1.5882
2011/11/21	1.0256	1.026	2011/11/21	1.5882	1.5844
2011/11/22	1.026	1.0254	2011/11/22	1.5844	1.5816
2011/11/23	1.0254	1.0202	2011/11/23	1.5816	1.5785
2011/11/24	1.0202	1.0242	2011/11/24	1.5785	1.5777
2011/11/25	1.0242	1.0164	2011/11/25	1.5777	1.5676
2011/11/28	1.0164	1.0141	2011/11/28	1.5676	1.5736
2011/11/29	1.0141	1.0291	2011/11/29	1.5736	1.5971
2011/11/30	1.0291	0.9984	2011/11/30	1.5971	1.5566
2011/12/1	0.9984	1.0231	2011/12/1	1.5566	1.5824
2011/12/2	1.0231	1.0116	2011/12/2	1.5824	1.5536
2011/12/5	1.0116	0.9963	2011/12/5	1.5536	1.5142
2011/12/6	0.9963	0.9946	2011/12/6	1.5142	1.512
2011/12/7	0.9946	0.9993	2011/12/7	1.512	1.5135
2011/12/8	0.9993	1.0014	2011/12/8	1.5135	1.5075

2011/12/9	1.0014	0.9981	2011/12/9	1.5075	1.4958
2011/12/12	0.9981	0.988	2011/12/12	1.4958	1.482
2011/12/13	0.988	0.9648	2011/12/13	1.482	1.4504
2011/12/14	0.9648	0.9561	2011/12/14	1.4504	1.4317
2011/12/15	0.9561	0.9411	2011/12/15	1.4317	1.4074
2011/12/16	0.9411	0.9618	2011/12/16	1.4074	1.4396
2011/12/19	0.9618	0.9636	2011/12/19	1.4396	1.4412
2011/12/20	0.9636	0.9634	2011/12/20	1.4412	1.4337
2011/12/21	0.9634	0.9489	2011/12/21	1.4337	1.4095
2011/12/22	0.9489	0.9469	2011/12/22	1.4095	1.4139
2011/12/23	0.9469	0.9561	2011/12/23	1.4139	1.4183
2011/12/26	0.9561	0.9531	2011/12/26	1.4183	1.4083
2011/12/27	0.9531	0.9372	2011/12/27	1.4083	1.3815
2011/12/28	0.9372	0.9371	2011/12/28	1.3815	1.3759
2011/12/29	0.9371	0.9386	2011/12/29	1.3759	1.3783
2011/12/30	0.9386	0.9518	2011/12/30	1.3783	1.4045
2011/12/31	0.9518	0.9517	2011/12/31	1.4045	1.4044

code:110013

code:110029

time	open	close	time	open	close
2011/1/4	1.506	1.51	2011/1/4	0.7749	0.7862
2011/1/5	1.51	1.5	2011/1/5	0.7862	0.7837
2011/1/6	1.5	1.491	2011/1/6	0.7837	0.7795
2011/1/7	1.491	1.479	2011/1/7	0.7795	0.769
2011/1/10	1.479	1.448	2011/1/10	0.769	0.749
2011/1/11	1.448	1.442	2011/1/11	0.749	0.7406
2011/1/12	1.442	1.446	2011/1/12	0.7406	0.7408
2011/1/13	1.446	1.445	2011/1/13	0.7408	0.7442
2011/1/14	1.445	1.423	2011/1/14	0.7442	0.7339
2011/1/17	1.423	1.37	2011/1/17	0.7339	0.7058
2011/1/18	1.37	1.375	2011/1/18	0.7058	0.7069
2011/1/19	1.375	1.407	2011/1/19	0.7069	0.7267
2011/1/20	1.407	1.368	2011/1/20	0.7267	0.7077
2011/1/21	1.368	1.37	2011/1/21	0.7077	0.7094
2011/1/24	1.37	1.329	2011/1/24	0.7094	0.6933
2011/1/25	1.329	1.313	2011/1/25	0.6933	0.6875
2011/1/26	1.313	1.33	2011/1/26	0.6875	0.7004
2011/1/27	1.33	1.354	2011/1/27	0.7004	0.7125
2011/1/28	1.354	1.364	2011/1/28	0.7125	0.7177
2011/1/31	1.364	1.391	2011/1/31	0.7177	0.7295
2011/2/1	1.391	1.386	2011/2/1	0.7295	0.7286
2011/2/9	1.386	1.377	2011/2/9	0.7286	0.7237
2011/2/10	1.377	1.411	2011/2/10	0.7237	0.7373

2011/2/11	1.411	1.419	2011/2/11	0.7373	0.7439
2011/2/14	1.419	1.441	2011/2/14	0.7439	0.7539
2011/2/15	1.441	1.445	2011/2/15	0.7539	0.7584
2011/2/16	1.445	1.472	2011/2/16	0.7584	0.7673
2011/2/17	1.472	1.473	2011/2/17	0.7673	0.7708
2011/2/18	1.473	1.457	2011/2/18	0.7708	0.7635
2011/2/21	1.457	1.484	2011/2/21	0.7635	0.7759
2011/2/22	1.484	1.45	2011/2/22	0.7759	0.7547
2011/2/23	1.45	1.462	2011/2/23	0.7547	0.7594
2011/2/24	1.462	1.467	2011/2/24	0.7594	0.7654
2011/2/25	1.467	1.463	2011/2/25	0.7654	0.7651
2011/2/28	1.463	1.485	2011/2/28	0.7651	0.7731
2011/3/1	1.485	1.488	2011/3/1	0.7731	0.7728
2011/3/2	1.488	1.476	2011/3/2	0.7728	0.7653
2011/3/3	1.476	1.449	2011/3/3	0.7653	0.7518
2011/3/4	1.449	1.46	2011/3/4	0.7518	0.7576
2011/3/7	1.46	1.473	2011/3/7	0.7576	0.7619
2011/3/8	1.473	1.485	2011/3/8	0.7619	0.7628
2011/3/9	1.485	1.489	2011/3/9	0.7628	0.7688
2011/3/10	1.489	1.479	2011/3/10	0.7688	0.7637
2011/3/11	1.479	1.471	2011/3/11	0.7637	0.7596
2011/3/14	1.471	1.492	2011/3/14	0.7596	0.7666
2011/3/15	1.492	1.474	2011/3/15	0.7666	0.7576
2011/3/16	1.474	1.483	2011/3/16	0.7576	0.7617
2011/3/17	1.483	1.465	2011/3/17	0.7617	0.75
2011/3/18	1.465	1.471	2011/3/18	0.75	0.752
2011/3/21	1.471	1.459	2011/3/21	0.752	0.743
2011/3/22	1.459	1.453	2011/3/22	0.743	0.7409
2011/3/23	1.453	1.469	2011/3/23	0.7409	0.7494
2011/3/24	1.469	1.469	2011/3/24	0.7494	0.7519
2011/3/25	1.469	1.478	2011/3/25	0.7519	0.7557
2011/3/28	1.478	1.471	2011/3/28	0.7557	0.7469
2011/3/29	1.471	1.452	2011/3/29	0.7469	0.7304
2011/3/30	1.452	1.455	2011/3/30	0.7304	0.7266
2011/3/31	1.455	1.444	2011/3/31	0.7266	0.7235
2011/4/1	1.444	1.463	2011/4/1	0.7235	0.7266
2011/4/6	1.463	1.463	2011/4/6	0.7266	0.7212
2011/4/7	1.463	1.472	2011/4/7	0.7212	0.7246
2011/4/8	1.472	1.488	2011/4/8	0.7246	0.7341
2011/4/11	1.488	1.473	2011/4/11	0.7341	0.728
2011/4/12	1.473	1.463	2011/4/12	0.728	0.7249
2011/4/13	1.463	1.481	2011/4/13	0.7249	0.7333

2011/4/14	1.481	1.471	2011/4/14	0.7333	0.7331
2011/4/15	1.471	1.466	2011/4/15	0.7331	0.7303
2011/4/18	1.466	1.472	2011/4/18	0.7303	0.7314
2011/4/19	1.472	1.466	2011/4/19	0.7314	0.7314
2011/4/20	1.466	1.469	2011/4/20	0.7314	0.7354
2011/4/21	1.469	1.483	2011/4/21	0.7354	0.7357
2011/4/22	1.483	1.379	2011/4/22	0.7357	0.7328
2011/4/25	1.379	1.358	2011/4/25	0.7328	0.7238
2011/4/26	1.358	1.347	2011/4/26	0.7238	0.717
2011/4/27	1.347	1.345	2011/4/27	0.717	0.7119
2011/4/28	1.345	1.3	2011/4/28	0.7119	0.6933
2011/4/29	1.3	1.326	2011/4/29	0.6933	0.6997
2011/5/2	1.326	1.326	2011/5/2	0.6997	0.6997
2011/5/3	1.326	1.345	2011/5/3	0.6997	0.7088
2011/5/4	1.345	1.309	2011/5/4	0.7088	0.6968
2011/5/5	1.309	1.304	2011/5/5	0.6968	0.6977
2011/5/6	1.304	1.305	2011/5/6	0.6977	0.6983
2011/5/9	1.305	1.313	2011/5/9	0.6983	0.7028
2011/5/10	1.313	1.324	2011/5/10	0.7028	0.705
2011/5/11	1.324	1.34	2011/5/11	0.705	0.7065
2011/5/12	1.34	1.336	2011/5/12	0.7065	0.6986
2011/5/13	1.336	1.341	2011/5/13	0.6986	0.6997
2011/5/16	1.341	1.342	2011/5/16	0.6997	0.6967
2011/5/17	1.342	1.331	2011/5/17	0.6967	0.6948
2011/5/18	1.331	1.341	2011/5/18	0.6948	0.6964
2011/5/19	1.341	1.337	2011/5/19	0.6964	0.6894
2011/5/20	1.337	1.336	2011/5/20	0.6894	0.6888
2011/5/23	1.336	1.288	2011/5/23	0.6888	0.6694
2011/5/24	1.288	1.284	2011/5/24	0.6694	0.669
2011/5/25	1.284	1.274	2011/5/25	0.669	0.6633
2011/5/26	1.274	1.262	2011/5/26	0.6633	0.6578
2011/5/27	1.262	1.24	2011/5/27	0.6578	0.6487
2011/5/30	1.24	1.235	2011/5/30	0.6487	0.649
2011/5/31	1.235	1.247	2011/5/31	0.649	0.6569
2011/6/1	1.247	1.264	2011/6/1	0.6569	0.6613
2011/6/2	1.264	1.249	2011/6/2	0.6613	0.6554
2011/6/3	1.249	1.272	2011/6/3	0.6554	0.6629
2011/6/7	1.272	1.276	2011/6/7	0.6629	0.6665
2011/6/8	1.276	1.278	2011/6/8	0.6665	0.6677
2011/6/9	1.278	1.25	2011/6/9	0.6677	0.6569
2011/6/10	1.25	1.252	2011/6/10	0.6569	0.6569
2011/6/13	1.252	1.249	2011/6/13	0.6569	0.6501

2011/6/14	1.249	1.271	2011/6/14	0.6501	0.6585
2011/6/15	1.271	1.264	2011/6/15	0.6585	0.653
2011/6/16	1.264	1.24	2011/6/16	0.653	0.6428
2011/6/17	1.24	1.233	2011/6/17	0.6428	0.6383
2011/6/20	1.233	1.225	2011/6/20	0.6383	0.6311
2011/6/21	1.225	1.241	2011/6/21	0.6311	0.6385
2011/6/22	1.241	1.236	2011/6/22	0.6385	0.6389
2011/6/23	1.236	1.27	2011/6/23	0.6389	0.6501
2011/6/24	1.27	1.285	2011/6/24	0.6501	0.6628
2011/6/27	1.285	1.297	2011/6/27	0.6628	0.6658
2011/6/28	1.297	1.301	2011/6/28	0.6658	0.6696
2011/6/29	1.301	1.288	2011/6/29	0.6696	0.6644
2011/6/30	1.288	1.304	2011/6/30	0.6644	0.673
2011/7/1	1.304	1.311	2011/7/1	0.673	0.6746
2011/7/4	1.311	1.335	2011/7/4	0.6746	0.6888
2011/7/5	1.335	1.344	2011/7/5	0.6888	0.6906
2011/7/6	1.344	1.346	2011/7/6	0.6906	0.69
2011/7/7	1.346	1.349	2011/7/7	0.69	0.6891
2011/7/8	1.349	1.345	2011/7/8	0.6891	0.6888
2011/7/11	1.345	1.357	2011/7/11	0.6888	0.6933
2011/7/12	1.357	1.339	2011/7/12	0.6933	0.687
2011/7/13	1.339	1.362	2011/7/13	0.687	0.6976
2011/7/14	1.362	1.362	2011/7/14	0.6976	0.7004
2011/7/15	1.362	1.373	2011/7/15	0.7004	0.7017
2011/7/18	1.373	1.377	2011/7/18	0.7017	0.7007
2011/7/19	1.377	1.364	2011/7/19	0.7007	0.6947
2011/7/20	1.364	1.359	2011/7/20	0.6947	0.6929
2011/7/21	1.359	1.348	2011/7/21	0.6929	0.6915
2011/7/22	1.348	1.354	2011/7/22	0.6915	0.694
2011/7/25	1.354	1.317	2011/7/25	0.694	0.6736
2011/7/26	1.317	1.322	2011/7/26	0.6736	0.6756
2011/7/27	1.322	1.347	2011/7/27	0.6756	0.683
2011/7/28	1.347	1.346	2011/7/28	0.683	0.6821
2011/7/29	1.346	1.33	2011/7/29	0.6821	0.6777
2011/8/1	1.33	1.332	2011/8/1	0.6777	0.6793
2011/8/2	1.332	1.321	2011/8/2	0.6793	0.6769
2011/8/3	1.321	1.327	2011/8/3	0.6769	0.6808
2011/8/4	1.327	1.334	2011/8/4	0.6808	0.683
2011/8/5	1.334	1.326	2011/8/5	0.683	0.6759
2011/8/8	1.326	1.295	2011/8/8	0.6759	0.6606
2011/8/9	1.295	1.3	2011/8/9	0.6606	0.6639
2011/8/10	1.3	1.312	2011/8/10	0.6639	0.6733

2011/8/11	1.312	1.337	2011/8/11	0.6733	0.6847
2011/8/12	1.337	1.341	2011/8/12	0.6847	0.6865
2011/8/15	1.341	1.352	2011/8/15	0.6865	0.693
2011/8/16	1.352	1.342	2011/8/16	0.693	0.687
2011/8/17	1.342	1.338	2011/8/17	0.687	0.683
2011/8/18	1.338	1.321	2011/8/18	0.683	0.6742
2011/8/19	1.321	1.319	2011/8/19	0.6742	0.6728
2011/8/22	1.319	1.299	2011/8/22	0.6728	0.6602
2011/8/23	1.299	1.309	2011/8/23	0.6602	0.6658
2011/8/24	1.309	1.305	2011/8/24	0.6658	0.6677
2011/8/25	1.305	1.323	2011/8/25	0.6677	0.6785
2011/8/26	1.323	1.328	2011/8/26	0.6785	0.6759
2011/8/29	1.328	1.33	2011/8/29	0.6759	0.672
2011/8/30	1.33	1.314	2011/8/30	0.672	0.6694
2011/8/31	1.314	1.3	2011/8/31	0.6694	0.6681
2011/9/1	1.3	1.294	2011/9/1	0.6681	0.6615
2011/9/2	1.294	1.277	2011/9/2	0.6615	0.6559
2011/9/5	1.277	1.255	2011/9/5	0.6559	0.6448
2011/9/6	1.255	1.246	2011/9/6	0.6448	0.6373
2011/9/7	1.246	1.267	2011/9/7	0.6373	0.648
2011/9/8	1.267	1.26	2011/9/8	0.648	0.6418
2011/9/9	1.26	1.255	2011/9/9	0.6418	0.635
2011/9/12	1.255	1.255	2011/9/12	0.635	0.635
2011/9/13	1.255	1.242	2011/9/13	0.635	0.6289
2011/9/14	1.242	1.248	2011/9/14	0.6289	0.6326
2011/9/15	1.248	1.252	2011/9/15	0.6326	0.6333
2011/9/16	1.252	1.249	2011/9/16	0.6333	0.6339
2011/9/19	1.249	1.224	2011/9/19	0.6339	0.6241
2011/9/20	1.224	1.219	2011/9/20	0.6241	0.6235
2011/9/21	1.219	1.25	2011/9/21	0.6235	0.6375
2011/9/22	1.25	1.212	2011/9/22	0.6375	0.6207
2011/9/23	1.212	1.202	2011/9/23	0.6207	0.6137
2011/9/26	1.202	1.181	2011/9/26	0.6137	0.6068
2011/9/27	1.181	1.179	2011/9/27	0.6068	0.6092
2011/9/28	1.179	1.167	2011/9/28	0.6092	0.6041
2011/9/29	1.167	1.151	2011/9/29	0.6041	0.5982
2011/9/30	1.151	1.153	2011/9/30	0.5982	0.5999
2011/10/10	1.153	1.139	2011/10/10	0.5999	0.5923
2011/10/11	1.139	1.122	2011/10/11	0.5923	0.5867
2011/10/12	1.122	1.155	2011/10/12	0.5867	0.6027
2011/10/13	1.155	1.168	2011/10/13	0.6027	0.6056
2011/10/14	1.168	1.163	2011/10/14	0.6056	0.599

2011/10/17	1.163	1.163	2011/10/17	0.599	0.6044
2011/10/18	1.163	1.137	2011/10/18	0.6044	0.594
2011/10/19	1.137	1.13	2011/10/19	0.594	0.5887
2011/10/20	1.13	1.097	2011/10/20	0.5887	0.5765
2011/10/21	1.097	1.089	2011/10/21	0.5765	0.571
2011/10/24	1.089	1.107	2011/10/24	0.571	0.5804
2011/10/25	1.107	1.135	2011/10/25	0.5804	0.591
2011/10/26	1.135	1.145	2011/10/26	0.591	0.5992
2011/10/27	1.145	1.143	2011/10/27	0.5992	0.6004
2011/10/28	1.143	1.167	2011/10/28	0.6004	0.6107
2011/10/31	1.167	1.166	2011/10/31	0.6107	0.6146
2011/11/1	1.166	1.163	2011/11/1	0.6146	0.6162
2011/11/2	1.163	1.177	2011/11/2	0.6162	0.6248
2011/11/3	1.177	1.18	2011/11/3	0.6248	0.6252
2011/11/4	1.18	1.186	2011/11/4	0.6252	0.6273
2011/11/7	1.186	1.187	2011/11/7	0.6273	0.6247
2011/11/8	1.187	1.183	2011/11/8	0.6247	0.622
2011/11/9	1.183	1.193	2011/11/9	0.622	0.6291
2011/11/10	1.193	1.179	2011/11/10	0.6291	0.6243
2011/11/11	1.179	1.176	2011/11/11	0.6243	0.6237
2011/11/14	1.176	1.197	2011/11/14	0.6237	0.6329
2011/11/15	1.197	1.198	2011/11/15	0.6329	0.6325
2011/11/16	1.198	1.175	2011/11/16	0.6325	0.621
2011/11/17	1.175	1.182	2011/11/17	0.621	0.6205
2011/11/18	1.182	1.154	2011/11/18	0.6205	0.6098
2011/11/21	1.154	1.151	2011/11/21	0.6098	0.6095
2011/11/22	1.151	1.143	2011/11/22	0.6095	0.611
2011/11/23	1.143	1.136	2011/11/23	0.611	0.6121
2011/11/24	1.136	1.137	2011/11/24	0.6121	0.6156
2011/11/25	1.137	1.137	2011/11/25	0.6156	0.6119
2011/11/28	1.137	1.144	2011/11/28	0.6119	0.612
2011/11/29	1.144	1.162	2011/11/29	0.612	0.6177
2011/11/30	1.162	1.138	2011/11/30	0.6177	0.6064
2011/12/1	1.138	1.159	2011/12/1	0.6064	0.6161
2011/12/2	1.159	1.14	2011/12/2	0.6161	0.6106
2011/12/5	1.14	1.114	2011/12/5	0.6106	0.6001
2011/12/6	1.114	1.12	2011/12/6	0.6001	0.5988
2011/12/7	1.12	1.127	2011/12/7	0.5988	0.6008
2011/12/8	1.127	1.127	2011/12/8	0.6008	0.6019
2011/12/9	1.127	1.121	2011/12/9	0.6019	0.5982
2011/12/12	1.121	1.106	2011/12/12	0.5982	0.5925
2011/12/13	1.106	1.083	2011/12/13	0.5925	0.5833

2011/12/14	1.083	1.072	2011/12/14	0.5833	0.578
2011/12/15	1.072	1.066	2011/12/15	0.578	0.5757
2011/12/16	1.066	1.087	2011/12/16	0.5757	0.5857
2011/12/19	1.087	1.094	2011/12/19	0.5857	0.5877
2011/12/20	1.094	1.094	2011/12/20	0.5877	0.5887
2011/12/21	1.094	1.076	2011/12/21	0.5887	0.5814
2011/12/22	1.076	1.08	2011/12/22	0.5814	0.5823
2011/12/23	1.08	1.095	2011/12/23	0.5823	0.5864
2011/12/26	1.095	1.09	2011/12/26	0.5864	0.5834
2011/12/27	1.09	1.066	2011/12/27	0.5834	0.5728
2011/12/28	1.066	1.065	2011/12/28	0.5728	0.5704
2011/12/29	1.065	1.072	2011/12/29	0.5704	0.5724
2011/12/30	1.072	1.086	2011/12/30	0.5724	0.583
2011/12/31	1.086	1.086	2011/12/31	0.583	0.583

code:121002

code:121003

time	open	close	time	open	close
2011/1/4	0.991	0.997	2011/1/4	0.9736	0.984
2011/1/5	0.997	0.9954	2011/1/5	0.984	0.9804
2011/1/6	0.9954	0.9908	2011/1/6	0.9804	0.9734
2011/1/7	0.9908	0.9898	2011/1/7	0.9734	0.9674
2011/1/10	0.9898	0.9762	2011/1/10	0.9674	0.9468
2011/1/11	0.9762	0.9756	2011/1/11	0.9468	0.9451
2011/1/12	0.9756	0.9784	2011/1/12	0.9451	0.9452
2011/1/13	0.9784	0.9784	2011/1/13	0.9452	0.9466
2011/1/14	0.9784	0.9673	2011/1/14	0.9466	0.934
2011/1/17	0.9673	0.9462	2011/1/17	0.934	0.9059
2011/1/18	0.9462	0.9436	2011/1/18	0.9059	0.9076
2011/1/19	0.9436	0.9584	2011/1/19	0.9076	0.9246
2011/1/20	0.9584	0.9326	2011/1/20	0.9246	0.8989
2011/1/21	0.9326	0.9361	2011/1/21	0.8989	0.8996
2011/1/24	0.9361	0.9202	2011/1/24	0.8996	0.8832
2011/1/25	0.9202	0.9175	2011/1/25	0.8832	0.8768
2011/1/26	0.9175	0.9304	2011/1/26	0.8768	0.8864
2011/1/27	0.9304	0.9428	2011/1/27	0.8864	0.8967
2011/1/28	0.9428	0.9491	2011/1/28	0.8967	0.8988
2011/1/31	0.9491	0.9582	2011/1/31	0.8988	0.9057
2011/2/1	0.9582	0.9555	2011/2/1	0.9057	0.9027
2011/2/9	0.9555	0.9574	2011/2/9	0.9027	0.898
2011/2/10	0.9574	0.975	2011/2/10	0.898	0.915
2011/2/11	0.975	0.9803	2011/2/11	0.915	0.9235
2011/2/14	0.9803	0.9933	2011/2/14	0.9235	0.9393
2011/2/15	0.9933	0.9898	2011/2/15	0.9393	0.9356

2011/2/16	0.9898	0.9993	2011/2/16	0.9356	0.9452
2011/2/17	0.9993	1.0049	2011/2/17	0.9452	0.945
2011/2/18	1.0049	0.996	2011/2/18	0.945	0.9373
2011/2/21	0.996	1.0089	2011/2/21	0.9373	0.9487
2011/2/22	1.0089	0.9875	2011/2/22	0.9487	0.9251
2011/2/23	0.9875	0.9921	2011/2/23	0.9251	0.9309
2011/2/24	0.9921	0.9947	2011/2/24	0.9309	0.9351
2011/2/25	0.9947	0.9986	2011/2/25	0.9351	0.9367
2011/2/28	0.9986	1.0062	2011/2/28	0.9367	0.9462
2011/3/1	1.0062	1.0072	2011/3/1	0.9462	0.9468
2011/3/2	1.0072	1.0067	2011/3/2	0.9468	0.9445
2011/3/3	1.0067	0.996	2011/3/3	0.9445	0.9329
2011/3/4	0.996	1.0016	2011/3/4	0.9329	0.9392
2011/3/7	1.0016	1.0073	2011/3/7	0.9392	0.9486
2011/3/8	1.0073	1.0101	2011/3/8	0.9486	0.953
2011/3/9	1.0101	1.0105	2011/3/9	0.953	0.9541
2011/3/10	1.0105	1.0085	2011/3/10	0.9541	0.9502
2011/3/11	1.0085	1.0074	2011/3/11	0.9502	0.9458
2011/3/14	1.0074	1.014	2011/3/14	0.9458	0.9556
2011/3/15	1.014	1.0052	2011/3/15	0.9556	0.9446
2011/3/16	1.0052	1.009	2011/3/16	0.9446	0.9557
2011/3/17	1.009	0.9998	2011/3/17	0.9557	0.9438
2011/3/18	0.9998	1.0046	2011/3/18	0.9438	0.9469
2011/3/21	1.0046	1.0011	2011/3/21	0.9469	0.9393
2011/3/22	1.0011	0.998	2011/3/22	0.9393	0.9397
2011/3/23	0.998	1.0075	2011/3/23	0.9397	0.9498
2011/3/24	1.0075	1.0071	2011/3/24	0.9498	0.951
2011/3/25	1.0071	1.007	2011/3/25	0.951	0.956
2011/3/28	1.007	0.9988	2011/3/28	0.956	0.9471
2011/3/29	0.9988	0.9855	2011/3/29	0.9471	0.933
2011/3/30	0.9855	0.9799	2011/3/30	0.933	0.9288
2011/3/31	0.9799	0.9783	2011/3/31	0.9288	0.9264
2011/4/1	0.9783	0.9829	2011/4/1	0.9264	0.9342
2011/4/6	0.9829	0.9802	2011/4/6	0.9342	0.9322
2011/4/7	0.9802	0.9833	2011/4/7	0.9322	0.934
2011/4/8	0.9833	0.9907	2011/4/8	0.934	0.9438
2011/4/11	0.9907	0.9853	2011/4/11	0.9438	0.9361
2011/4/12	0.9853	0.988	2011/4/12	0.9361	0.934
2011/4/13	0.988	0.9947	2011/4/13	0.934	0.9458
2011/4/14	0.9947	0.9931	2011/4/14	0.9458	0.9427
2011/4/15	0.9931	0.9895	2011/4/15	0.9427	0.9406
2011/4/18	0.9895	0.989	2011/4/18	0.9406	0.9432

2011/4/19	0.989	0.9804	2011/4/19	0.9432	0.9372
2011/4/20	0.9804	0.9867	2011/4/20	0.9372	0.9404
2011/4/21	0.9867	0.9891	2011/4/21	0.9404	0.9447
2011/4/22	0.9891	0.9841	2011/4/22	0.9447	0.9382
2011/4/25	0.9841	0.9762	2011/4/25	0.9382	0.9315
2011/4/26	0.9762	0.9685	2011/4/26	0.9315	0.9226
2011/4/27	0.9685	0.9617	2011/4/27	0.9226	0.9156
2011/4/28	0.9617	0.9481	2011/4/28	0.9156	0.8945
2011/4/29	0.9481	0.9535	2011/4/29	0.8945	0.9032
2011/5/2	0.9535	0.9535	2011/5/2	0.9032	0.9032
2011/5/3	0.9535	0.9617	2011/5/3	0.9032	0.9128
2011/5/4	0.9617	0.9557	2011/5/4	0.9128	0.8997
2011/5/5	0.9557	0.9603	2011/5/5	0.8997	0.9042
2011/5/6	0.9603	0.9621	2011/5/6	0.9042	0.9069
2011/5/9	0.9621	0.9641	2011/5/9	0.9069	0.9096
2011/5/10	0.9641	0.9643	2011/5/10	0.9096	0.9119
2011/5/11	0.9643	0.9663	2011/5/11	0.9119	0.9169
2011/5/12	0.9663	0.9594	2011/5/12	0.9169	0.9108
2011/5/13	0.9594	0.9631	2011/5/13	0.9108	0.911
2011/5/16	0.9631	0.9626	2011/5/16	0.911	0.9075
2011/5/17	0.9626	0.9612	2011/5/17	0.9075	0.9069
2011/5/18	0.9612	0.9633	2011/5/18	0.9069	0.9113
2011/5/19	0.9633	0.9611	2011/5/19	0.9113	0.9076
2011/5/20	0.9611	0.9577	2011/5/20	0.9076	0.9075
2011/5/23	0.9577	0.9421	2011/5/23	0.9075	0.8835
2011/5/24	0.9421	0.941	2011/5/24	0.8835	0.8822
2011/5/25	0.941	0.935	2011/5/25	0.8822	0.8756
2011/5/26	0.935	0.9306	2011/5/26	0.8756	0.8656
2011/5/27	0.9306	0.9243	2011/5/27	0.8656	0.854
2011/5/30	0.9243	0.9215	2011/5/30	0.854	0.8518
2011/5/31	0.9215	0.9292	2011/5/31	0.8518	0.8624
2011/6/1	0.9292	0.9333	2011/6/1	0.8624	0.8679
2011/6/2	0.9333	0.926	2011/6/2	0.8679	0.8584
2011/6/3	0.926	0.934	2011/6/3	0.8584	0.8694
2011/6/7	0.934	0.9373	2011/6/7	0.8694	0.8734
2011/6/8	0.9373	0.936	2011/6/8	0.8734	0.8726
2011/6/9	0.936	0.9239	2011/6/9	0.8726	0.8589
2011/6/10	0.9239	0.9249	2011/6/10	0.8589	0.8608
2011/6/13	0.9249	0.9228	2011/6/13	0.8608	0.8575
2011/6/14	0.9228	0.9297	2011/6/14	0.8575	0.8652
2011/6/15	0.9297	0.9242	2011/6/15	0.8652	0.8606
2011/6/16	0.9242	0.9113	2011/6/16	0.8606	0.8479

2011/6/17	0.9113	0.9055	2011/6/17	0.8479	0.8402
2011/6/20	0.9055	0.8956	2011/6/20	0.8402	0.8327
2011/6/21	0.8956	0.9015	2011/6/21	0.8327	0.8422
2011/6/22	0.9015	0.9	2011/6/22	0.8422	0.842
2011/6/23	0.9	0.9107	2011/6/23	0.842	0.8561
2011/6/24	0.9107	0.926	2011/6/24	0.8561	0.8692
2011/6/27	0.926	0.9321	2011/6/27	0.8692	0.8738
2011/6/28	0.9321	0.9344	2011/6/28	0.8738	0.8762
2011/6/29	0.9344	0.9262	2011/6/29	0.8762	0.866
2011/6/30	0.9262	0.9351	2011/6/30	0.866	0.8773
2011/7/1	0.9351	0.937	2011/7/1	0.8773	0.8814
2011/7/4	0.937	0.9522	2011/7/4	0.8814	0.8971
2011/7/5	0.9522	0.9545	2011/7/5	0.8971	0.9002
2011/7/6	0.9545	0.9569	2011/7/6	0.9002	0.9008
2011/7/7	0.9569	0.9567	2011/7/7	0.9008	0.9022
2011/7/8	0.9567	0.958	2011/7/8	0.9022	0.9015
2011/7/11	0.958	0.9596	2011/7/11	0.9015	0.9066
2011/7/12	0.9596	0.9515	2011/7/12	0.9066	0.8953
2011/7/13	0.9515	0.9616	2011/7/13	0.8953	0.9079
2011/7/14	0.9616	0.9651	2011/7/14	0.9079	0.9106
2011/7/15	0.9651	0.9707	2011/7/15	0.9106	0.9168
2011/7/18	0.9707	0.9692	2011/7/18	0.9168	0.9166
2011/7/19	0.9692	0.9641	2011/7/19	0.9166	0.9091
2011/7/20	0.9641	0.9641	2011/7/20	0.9091	0.9094
2011/7/21	0.9641	0.9573	2011/7/21	0.9094	0.9053
2011/7/22	0.9573	0.9589	2011/7/22	0.9053	0.9083
2011/7/25	0.9589	0.9411	2011/7/25	0.9083	0.8804
2011/7/26	0.9411	0.943	2011/7/26	0.8804	0.8837
2011/7/27	0.943	0.9506	2011/7/27	0.8837	0.8944
2011/7/28	0.9506	0.9489	2011/7/28	0.8944	0.8913
2011/7/29	0.9489	0.9446	2011/7/29	0.8913	0.8857
2011/8/1	0.9446	0.9482	2011/8/1	0.8857	0.8881
2011/8/2	0.9482	0.9442	2011/8/2	0.8881	0.8854
2011/8/3	0.9442	0.9439	2011/8/3	0.8854	0.8886
2011/8/4	0.9439	0.9437	2011/8/4	0.8886	0.8895
2011/8/5	0.9437	0.9336	2011/8/5	0.8895	0.8816
2011/8/8	0.9336	0.9127	2011/8/8	0.8816	0.8624
2011/8/9	0.9127	0.9116	2011/8/9	0.8624	0.8675
2011/8/10	0.9116	0.9167	2011/8/10	0.8675	0.8771
2011/8/11	0.9167	0.927	2011/8/11	0.8771	0.8927
2011/8/12	0.927	0.9286	2011/8/12	0.8927	0.8934
2011/8/15	0.9286	0.9344	2011/8/15	0.8934	0.9028

2011/8/16	0.9344	0.9265	2011/8/16	0.9028	0.896
2011/8/17	0.9265	0.9228	2011/8/17	0.896	0.8921
2011/8/18	0.9228	0.9148	2011/8/18	0.8921	0.8794
2011/8/19	0.9148	0.9162	2011/8/19	0.8794	0.8779
2011/8/22	0.9162	0.9071	2011/8/22	0.8779	0.866
2011/8/23	0.9071	0.9148	2011/8/23	0.866	0.8735
2011/8/24	0.9148	0.9155	2011/8/24	0.8735	0.8734
2011/8/25	0.9155	0.9241	2011/8/25	0.8734	0.889
2011/8/26	0.9241	0.9257	2011/8/26	0.889	0.8904
2011/8/29	0.9257	0.9215	2011/8/29	0.8904	0.8874
2011/8/30	0.9215	0.9152	2011/8/30	0.8874	0.8799
2011/8/31	0.9152	0.9103	2011/8/31	0.8799	0.8779
2011/9/1	0.9103	0.9069	2011/9/1	0.8779	0.8723
2011/9/2	0.9069	0.901	2011/9/2	0.8723	0.8625
2011/9/5	0.901	0.8919	2011/9/5	0.8625	0.8446
2011/9/6	0.8919	0.8882	2011/9/6	0.8446	0.8378
2011/9/7	0.8882	0.8993	2011/9/7	0.8378	0.8559
2011/9/8	0.8993	0.894	2011/9/8	0.8559	0.8493
2011/9/9	0.894	0.8892	2011/9/9	0.8493	0.8438
2011/9/12	0.8892	0.8892	2011/9/12	0.8438	0.8438
2011/9/13	0.8892	0.8827	2011/9/13	0.8438	0.8336
2011/9/14	0.8827	0.8875	2011/9/14	0.8336	0.8367
2011/9/15	0.8875	0.8885	2011/9/15	0.8367	0.8365
2011/9/16	0.8885	0.8871	2011/9/16	0.8365	0.8374
2011/9/19	0.8871	0.8785	2011/9/19	0.8374	0.8224
2011/9/20	0.8785	0.8773	2011/9/20	0.8224	0.8231
2011/9/21	0.8773	0.8883	2011/9/21	0.8231	0.8422
2011/9/22	0.8883	0.8752	2011/9/22	0.8422	0.819
2011/9/23	0.8752	0.8692	2011/9/23	0.819	0.8113
2011/9/26	0.8692	0.8597	2011/9/26	0.8113	0.7966
2011/9/27	0.8597	0.8597	2011/9/27	0.7966	0.7985
2011/9/28	0.8597	0.8544	2011/9/28	0.7985	0.7907
2011/9/29	0.8544	0.8465	2011/9/29	0.7907	0.7817
2011/9/30	0.8465	0.8477	2011/9/30	0.7817	0.7825
2011/10/10	0.8477	0.8447	2011/10/10	0.7825	0.775
2011/10/11	0.8447	0.8425	2011/10/11	0.775	0.7669
2011/10/12	0.8425	0.8547	2011/10/12	0.7669	0.7877
2011/10/13	0.8547	0.8591	2011/10/13	0.7877	0.7949
2011/10/14	0.8591	0.8561	2011/10/14	0.7949	0.7917
2011/10/17	0.8561	0.86	2011/10/17	0.7917	0.7992
2011/10/18	0.86	0.8509	2011/10/18	0.7992	0.7838
2011/10/19	0.8509	0.8495	2011/10/19	0.7838	0.781

2011/10/20	0.8495	0.839	2011/10/20	0.781	0.7636
2011/10/21	0.839	0.8324	2011/10/21	0.7636	0.7556
2011/10/24	0.8324	0.8407	2011/10/24	0.7556	0.7672
2011/10/25	0.8407	0.8498	2011/10/25	0.7672	0.7811
2011/10/26	0.8498	0.8573	2011/10/26	0.7811	0.7886
2011/10/27	0.8573	0.857	2011/10/27	0.7886	0.7904
2011/10/28	0.857	0.8626	2011/10/28	0.7904	0.8043
2011/10/31	0.8626	0.8637	2011/10/31	0.8043	0.8074
2011/11/1	0.8637	0.867	2011/11/1	0.8074	0.8083
2011/11/2	0.867	0.8774	2011/11/2	0.8083	0.8221
2011/11/3	0.8774	0.8808	2011/11/3	0.8221	0.8219
2011/11/4	0.8808	0.8835	2011/11/4	0.8219	0.8264
2011/11/7	0.8835	0.8802	2011/11/7	0.8264	0.8218
2011/11/8	0.8802	0.8767	2011/11/8	0.8218	0.8165
2011/11/9	0.8767	0.883	2011/11/9	0.8165	0.8247
2011/11/10	0.883	0.8802	2011/11/10	0.8247	0.8185
2011/11/11	0.8802	0.8817	2011/11/11	0.8185	0.816
2011/11/14	0.8817	0.8901	2011/11/14	0.816	0.831
2011/11/15	0.8901	0.8925	2011/11/15	0.831	0.8306
2011/11/16	0.8925	0.8804	2011/11/16	0.8306	0.8114
2011/11/17	0.8804	0.8795	2011/11/17	0.8114	0.8102
2011/11/18	0.8795	0.8699	2011/11/18	0.8102	0.7941
2011/11/21	0.8699	0.8698	2011/11/21	0.7941	0.7937
2011/11/22	0.8698	0.8725	2011/11/22	0.7937	0.7969
2011/11/23	0.8725	0.8729	2011/11/23	0.7969	0.7955
2011/11/24	0.8729	0.8759	2011/11/24	0.7955	0.7997
2011/11/25	0.8759	0.8748	2011/11/25	0.7997	0.7962
2011/11/28	0.8748	0.875	2011/11/28	0.7962	0.7993
2011/11/29	0.875	0.8819	2011/11/29	0.7993	0.8081
2011/11/30	0.8819	0.8677	2011/11/30	0.8081	0.7872
2011/12/1	0.8677	0.8789	2011/12/1	0.7872	0.8006
2011/12/2	0.8789	0.8756	2011/12/2	0.8006	0.7916
2011/12/5	0.8756	0.8645	2011/12/5	0.7916	0.7746
2011/12/6	0.8645	0.8632	2011/12/6	0.7746	0.7724
2011/12/7	0.8632	0.8659	2011/12/7	0.7724	0.7767
2011/12/8	0.8659	0.87	2011/12/8	0.7767	0.7771
2011/12/9	0.87	0.8635	2011/12/9	0.7771	0.77
2011/12/12	0.8635	0.8572	2011/12/12	0.77	0.7618
2011/12/13	0.8572	0.8423	2011/12/13	0.7618	0.7452
2011/12/14	0.8423	0.8362	2011/12/14	0.7452	0.7395
2011/12/15	0.8362	0.8279	2011/12/15	0.7395	0.7308
2011/12/16	0.8279	0.8398	2011/12/16	0.7308	0.7455

2011/12/19	0.8398	0.8428	2011/12/19	0.7455	0.7473
2011/12/20	0.8428	0.841	2011/12/20	0.7473	0.7459
2011/12/21	0.841	0.8304	2011/12/21	0.7459	0.7338
2011/12/22	0.8304	0.8287	2011/12/22	0.7338	0.7306
2011/12/23	0.8287	0.8284	2011/12/23	0.7306	0.7312
2011/12/26	0.8284	0.8192	2011/12/26	0.7312	0.724
2011/12/27	0.8192	0.8084	2011/12/27	0.724	0.7112
2011/12/28	0.8084	0.8017	2011/12/28	0.7112	0.7058
2011/12/29	0.8017	0.8026	2011/12/29	0.7058	0.7082
2011/12/30	0.8026	0.8147	2011/12/30	0.7082	0.7206
2011/12/31	0.8147	0.8147	2011/12/31	0.7206	0.7205

code:121005

code:121008

time	open	close	time	open	close
2011/1/4	0.9671	0.9661	2011/1/4	0.956	0.9612
2011/1/5	0.9661	0.9623	2011/1/5	0.9612	0.9619
2011/1/6	0.9623	0.956	2011/1/6	0.9619	0.9564
2011/1/7	0.956	0.9496	2011/1/7	0.9564	0.9521
2011/1/10	0.9496	0.9325	2011/1/10	0.9521	0.9316
2011/1/11	0.9325	0.9346	2011/1/11	0.9316	0.9275
2011/1/12	0.9346	0.9331	2011/1/12	0.9275	0.9274
2011/1/13	0.9331	0.9319	2011/1/13	0.9274	0.929
2011/1/14	0.9319	0.9265	2011/1/14	0.929	0.9194
2011/1/17	0.9265	0.777	2011/1/17	0.9194	0.7432
2011/1/18	0.777	0.7769	2011/1/18	0.7432	0.7445
2011/1/19	0.7769	0.7851	2011/1/19	0.7445	0.7588
2011/1/20	0.7851	0.7703	2011/1/20	0.7588	0.7399
2011/1/21	0.7703	0.7793	2011/1/21	0.7399	0.7419
2011/1/24	0.7793	0.7765	2011/1/24	0.7419	0.7265
2011/1/25	0.7765	0.7747	2011/1/25	0.7265	0.7234
2011/1/26	0.7747	0.7793	2011/1/26	0.7234	0.7344
2011/1/27	0.7793	0.783	2011/1/27	0.7344	0.744
2011/1/28	0.783	0.7818	2011/1/28	0.744	0.7474
2011/1/31	0.7818	0.7862	2011/1/31	0.7474	0.7567
2011/2/1	0.7862	0.7854	2011/2/1	0.7567	0.7557
2011/2/9	0.7854	0.7814	2011/2/9	0.7557	0.7522
2011/2/10	0.7814	0.7905	2011/2/10	0.7522	0.772
2011/2/11	0.7905	0.7939	2011/2/11	0.772	0.7785
2011/2/14	0.7939	0.8051	2011/2/14	0.7785	0.791
2011/2/15	0.8051	0.8036	2011/2/15	0.791	0.7886
2011/2/16	0.8036	0.8071	2011/2/16	0.7886	0.7984
2011/2/17	0.8071	0.8068	2011/2/17	0.7984	0.7994
2011/2/18	0.8068	0.8009	2011/2/18	0.7994	0.792

2011/2/21	0.8009	0.8053	2011/2/21	0.792	0.8052
2011/2/22	0.8053	0.7909	2011/2/22	0.8052	0.7842
2011/2/23	0.7909	0.7911	2011/2/23	0.7842	0.7907
2011/2/24	0.7911	0.7926	2011/2/24	0.7907	0.7926
2011/2/25	0.7926	0.7931	2011/2/25	0.7926	0.7949
2011/2/28	0.7931	0.7983	2011/2/28	0.7949	0.8019
2011/3/1	0.7983	0.802	2011/3/1	0.8019	0.8046
2011/3/2	0.802	0.7997	2011/3/2	0.8046	0.8048
2011/3/3	0.7997	0.799	2011/3/3	0.8048	0.7937
2011/3/4	0.799	0.8047	2011/3/4	0.7937	0.7982
2011/3/7	0.8047	0.8109	2011/3/7	0.7982	0.8043
2011/3/8	0.8109	0.8115	2011/3/8	0.8043	0.8078
2011/3/9	0.8115	0.8115	2011/3/9	0.8078	0.8082
2011/3/10	0.8115	0.8047	2011/3/10	0.8082	0.8078
2011/3/11	0.8047	0.8007	2011/3/11	0.8078	0.8058
2011/3/14	0.8007	0.8023	2011/3/14	0.8058	0.8155
2011/3/15	0.8023	0.7941	2011/3/15	0.8155	0.8098
2011/3/16	0.7941	0.7985	2011/3/16	0.8098	0.8133
2011/3/17	0.7985	0.7927	2011/3/17	0.8133	0.8059
2011/3/18	0.7927	0.7941	2011/3/18	0.8059	0.8096
2011/3/21	0.7941	0.7942	2011/3/21	0.8096	0.8053
2011/3/22	0.7942	0.7962	2011/3/22	0.8053	0.8027
2011/3/23	0.7962	0.8021	2011/3/23	0.8027	0.8106
2011/3/24	0.8021	0.8004	2011/3/24	0.8106	0.8105
2011/3/25	0.8004	0.8059	2011/3/25	0.8105	0.8101
2011/3/28	0.8059	0.8053	2011/3/28	0.8101	0.8025
2011/3/29	0.8053	0.8003	2011/3/29	0.8025	0.7894
2011/3/30	0.8003	0.801	2011/3/30	0.7894	0.7845
2011/3/31	0.801	0.7967	2011/3/31	0.7845	0.7837
2011/4/1	0.7967	0.8038	2011/4/1	0.7837	0.7876
2011/4/6	0.8038	0.812	2011/4/6	0.7876	0.7845
2011/4/7	0.812	0.8132	2011/4/7	0.7845	0.7866
2011/4/8	0.8132	0.8164	2011/4/8	0.7866	0.7937
2011/4/11	0.8164	0.813	2011/4/11	0.7937	0.789
2011/4/12	0.813	0.8111	2011/4/12	0.789	0.7904
2011/4/13	0.8111	0.8174	2011/4/13	0.7904	0.7975
2011/4/14	0.8174	0.8143	2011/4/14	0.7975	0.7961
2011/4/15	0.8143	0.8174	2011/4/15	0.7961	0.793
2011/4/18	0.8174	0.819	2011/4/18	0.793	0.7926
2011/4/19	0.819	0.8069	2011/4/19	0.7926	0.7857
2011/4/20	0.8069	0.8064	2011/4/20	0.7857	0.792
2011/4/21	0.8064	0.8117	2011/4/21	0.792	0.7937

2011/4/22	0.8117	0.8088	2011/4/22	0.7937	0.7884
2011/4/25	0.8088	0.8003	2011/4/25	0.7884	0.7819
2011/4/26	0.8003	0.7973	2011/4/26	0.7819	0.7742
2011/4/27	0.7973	0.7954	2011/4/27	0.7742	0.7677
2011/4/28	0.7954	0.7868	2011/4/28	0.7677	0.7545
2011/4/29	0.7868	0.7926	2011/4/29	0.7545	0.7598
2011/5/2	0.7926	0.7926	2011/5/2	0.7598	0.7598
2011/5/3	0.7926	0.7954	2011/5/3	0.7598	0.7681
2011/5/4	0.7954	0.7844	2011/5/4	0.7681	0.7605
2011/5/5	0.7844	0.7841	2011/5/5	0.7605	0.7647
2011/5/6	0.7841	0.784	2011/5/6	0.7647	0.7669
2011/5/9	0.784	0.7841	2011/5/9	0.7669	0.7689
2011/5/10	0.7841	0.7888	2011/5/10	0.7689	0.7687
2011/5/11	0.7888	0.7893	2011/5/11	0.7687	0.77
2011/5/12	0.7893	0.784	2011/5/12	0.77	0.7637
2011/5/13	0.784	0.7855	2011/5/13	0.7637	0.7671
2011/5/16	0.7855	0.7806	2011/5/16	0.7671	0.7672
2011/5/17	0.7806	0.7799	2011/5/17	0.7672	0.7658
2011/5/18	0.7799	0.7844	2011/5/18	0.7658	0.7679
2011/5/19	0.7844	0.7828	2011/5/19	0.7679	0.7657
2011/5/20	0.7828	0.7838	2011/5/20	0.7657	0.7629
2011/5/23	0.7838	0.7649	2011/5/23	0.7629	0.7469
2011/5/24	0.7649	0.7662	2011/5/24	0.7469	0.7459
2011/5/25	0.7662	0.7578	2011/5/25	0.7459	0.74
2011/5/26	0.7578	0.7542	2011/5/26	0.74	0.7357
2011/5/27	0.7542	0.7501	2011/5/27	0.7357	0.7288
2011/5/30	0.7501	0.7514	2011/5/30	0.7288	0.7261
2011/5/31	0.7514	0.7595	2011/5/31	0.7261	0.7336
2011/6/1	0.7595	0.7602	2011/6/1	0.7336	0.7377
2011/6/2	0.7602	0.7509	2011/6/2	0.7377	0.7305
2011/6/3	0.7509	0.7571	2011/6/3	0.7305	0.7392
2011/6/7	0.7571	0.761	2011/6/7	0.7392	0.7421
2011/6/8	0.761	0.7611	2011/6/8	0.7421	0.7409
2011/6/9	0.7611	0.7516	2011/6/9	0.7409	0.7297
2011/6/10	0.7516	0.753	2011/6/10	0.7297	0.7305
2011/6/13	0.753	0.7537	2011/6/13	0.7305	0.729
2011/6/14	0.7537	0.7583	2011/6/14	0.729	0.7358
2011/6/15	0.7583	0.7545	2011/6/15	0.7358	0.7305
2011/6/16	0.7545	0.748	2011/6/16	0.7305	0.7192
2011/6/17	0.748	0.7434	2011/6/17	0.7192	0.7139
2011/6/20	0.7434	0.7407	2011/6/20	0.7139	0.7052
2011/6/21	0.7407	0.7442	2011/6/21	0.7052	0.7107

2011/6/22	0.7442	0.7455	2011/6/22	0.7107	0.7094
2011/6/23	0.7455	0.7536	2011/6/23	0.7094	0.7207
2011/6/24	0.7536	0.764	2011/6/24	0.7207	0.7355
2011/6/27	0.764	0.7646	2011/6/27	0.7355	0.741
2011/6/28	0.7646	0.7654	2011/6/28	0.741	0.7433
2011/6/29	0.7654	0.7575	2011/6/29	0.7433	0.7354
2011/6/30	0.7575	0.7648	2011/6/30	0.7354	0.7442
2011/7/1	0.7648	0.7645	2011/7/1	0.7442	0.746
2011/7/4	0.7645	0.7742	2011/7/4	0.746	0.7611
2011/7/5	0.7742	0.7738	2011/7/5	0.7611	0.7633
2011/7/6	0.7738	0.772	2011/7/6	0.7633	0.7659
2011/7/7	0.772	0.7693	2011/7/7	0.7659	0.7661
2011/7/8	0.7693	0.7699	2011/7/8	0.7661	0.7666
2011/7/11	0.7699	0.7711	2011/7/11	0.7666	0.7681
2011/7/12	0.7711	0.7627	2011/7/12	0.7681	0.7598
2011/7/13	0.7627	0.7718	2011/7/13	0.7598	0.7699
2011/7/14	0.7718	0.7723	2011/7/14	0.7699	0.7729
2011/7/15	0.7723	0.7743	2011/7/15	0.7729	0.7787
2011/7/18	0.7743	0.7736	2011/7/18	0.7787	0.7777
2011/7/19	0.7736	0.7692	2011/7/19	0.7777	0.7726
2011/7/20	0.7692	0.7688	2011/7/20	0.7726	0.7732
2011/7/21	0.7688	0.7643	2011/7/21	0.7732	0.7662
2011/7/22	0.7643	0.7648	2011/7/22	0.7662	0.768
2011/7/25	0.7648	0.7445	2011/7/25	0.768	0.748
2011/7/26	0.7445	0.7478	2011/7/26	0.748	0.7497
2011/7/27	0.7478	0.7565	2011/7/27	0.7497	0.7581
2011/7/28	0.7565	0.7564	2011/7/28	0.7581	0.7558
2011/7/29	0.7564	0.7501	2011/7/29	0.7558	0.7515
2011/8/1	0.7501	0.7528	2011/8/1	0.7515	0.7552
2011/8/2	0.7528	0.7492	2011/8/2	0.7552	0.7518
2011/8/3	0.7492	0.7519	2011/8/3	0.7518	0.7516
2011/8/4	0.7519	0.7521	2011/8/4	0.7516	0.7515
2011/8/5	0.7521	0.7469	2011/8/5	0.7515	0.74
2011/8/8	0.7469	0.7316	2011/8/8	0.74	0.7167
2011/8/9	0.7316	0.7368	2011/8/9	0.7167	0.7175
2011/8/10	0.7368	0.7461	2011/8/10	0.7175	0.7237
2011/8/11	0.7461	0.7615	2011/8/11	0.7237	0.7346
2011/8/12	0.7615	0.7632	2011/8/12	0.7346	0.7378
2011/8/15	0.7632	0.7678	2011/8/15	0.7378	0.7479
2011/8/16	0.7678	0.7613	2011/8/16	0.7479	0.7429
2011/8/17	0.7613	0.758	2011/8/17	0.7429	0.7399
2011/8/18	0.758	0.7471	2011/8/18	0.7399	0.7271

2011/8/19	0.7471	0.746	2011/8/19	0.7271	0.7262
2011/8/22	0.746	0.7377	2011/8/22	0.7262	0.7215
2011/8/23	0.7377	0.7475	2011/8/23	0.7215	0.7288
2011/8/24	0.7475	0.7483	2011/8/24	0.7288	0.7284
2011/8/25	0.7483	0.7593	2011/8/25	0.7284	0.7411
2011/8/26	0.7593	0.7593	2011/8/26	0.7411	0.7419
2011/8/29	0.7593	0.7541	2011/8/29	0.7419	0.7358
2011/8/30	0.7541	0.7467	2011/8/30	0.7358	0.7316
2011/8/31	0.7467	0.7444	2011/8/31	0.7316	0.7295
2011/9/1	0.7444	0.7386	2011/9/1	0.7295	0.727
2011/9/2	0.7386	0.7302	2011/9/2	0.727	0.7204
2011/9/5	0.7302	0.7174	2011/9/5	0.7204	0.7064
2011/9/6	0.7174	0.7119	2011/9/6	0.7064	0.7018
2011/9/7	0.7119	0.7313	2011/9/7	0.7018	0.7143
2011/9/8	0.7313	0.7259	2011/9/8	0.7143	0.7095
2011/9/9	0.7259	0.7224	2011/9/9	0.7095	0.7065
2011/9/12	0.7224	0.7224	2011/9/12	0.7065	0.7065
2011/9/13	0.7224	0.7149	2011/9/13	0.7065	0.6978
2011/9/14	0.7149	0.7195	2011/9/14	0.6978	0.7007
2011/9/15	0.7195	0.7163	2011/9/15	0.7007	0.7004
2011/9/16	0.7163	0.716	2011/9/16	0.7004	0.6994
2011/9/19	0.716	0.7036	2011/9/19	0.6994	0.6871
2011/9/20	0.7036	0.7049	2011/9/20	0.6871	0.6882
2011/9/21	0.7049	0.7231	2011/9/21	0.6882	0.7045
2011/9/22	0.7231	0.703	2011/9/22	0.7045	0.6868
2011/9/23	0.703	0.6974	2011/9/23	0.6868	0.683
2011/9/26	0.6974	0.6846	2011/9/26	0.683	0.6717
2011/9/27	0.6846	0.6831	2011/9/27	0.6717	0.6747
2011/9/28	0.6831	0.6747	2011/9/28	0.6747	0.6682
2011/9/29	0.6747	0.6652	2011/9/29	0.6682	0.6574
2011/9/30	0.6652	0.6653	2011/9/30	0.6574	0.6563
2011/10/10	0.6653	0.6599	2011/10/10	0.6563	0.6522
2011/10/11	0.6599	0.6579	2011/10/11	0.6522	0.6483
2011/10/12	0.6579	0.6817	2011/10/12	0.6483	0.6658
2011/10/13	0.6817	0.69	2011/10/13	0.6658	0.6714
2011/10/14	0.69	0.6866	2011/10/14	0.6714	0.6686
2011/10/17	0.6866	0.6928	2011/10/17	0.6686	0.673
2011/10/18	0.6928	0.6782	2011/10/18	0.673	0.6581
2011/10/19	0.6782	0.6761	2011/10/19	0.6581	0.655
2011/10/20	0.6761	0.6628	2011/10/20	0.655	0.6381
2011/10/21	0.6628	0.6584	2011/10/21	0.6381	0.6321
2011/10/24	0.6584	0.6715	2011/10/24	0.6321	0.6403

2011/10/25	0.6715	0.6844	2011/10/25	0.6403	0.6517
2011/10/26	0.6844	0.6888	2011/10/26	0.6517	0.6586
2011/10/27	0.6888	0.6899	2011/10/27	0.6586	0.6575
2011/10/28	0.6899	0.7033	2011/10/28	0.6575	0.6704
2011/10/31	0.7033	0.707	2011/10/31	0.6704	0.6732
2011/11/1	0.707	0.7068	2011/11/1	0.6732	0.6748
2011/11/2	0.7068	0.7223	2011/11/2	0.6748	0.6864
2011/11/3	0.7223	0.7208	2011/11/3	0.6864	0.6889
2011/11/4	0.7208	0.7268	2011/11/4	0.6889	0.6945
2011/11/7	0.7268	0.7235	2011/11/7	0.6945	0.6907
2011/11/8	0.7235	0.7184	2011/11/8	0.6907	0.6865
2011/11/9	0.7184	0.7281	2011/11/9	0.6865	0.6935
2011/11/10	0.7281	0.7251	2011/11/10	0.6935	0.6881
2011/11/11	0.7251	0.7252	2011/11/11	0.6881	0.6867
2011/11/14	0.7252	0.7401	2011/11/14	0.6867	0.6995
2011/11/15	0.7401	0.7437	2011/11/15	0.6995	0.7006
2011/11/16	0.7437	0.7238	2011/11/16	0.7006	0.6855
2011/11/17	0.7238	0.7243	2011/11/17	0.6855	0.6849
2011/11/18	0.7243	0.7114	2011/11/18	0.6849	0.6714
2011/11/21	0.7114	0.7118	2011/11/21	0.6714	0.6712
2011/11/22	0.7118	0.715	2011/11/22	0.6712	0.6726
2011/11/23	0.715	0.714	2011/11/23	0.6726	0.6716
2011/11/24	0.714	0.7181	2011/11/24	0.6716	0.6732
2011/11/25	0.7181	0.7136	2011/11/25	0.6732	0.6711
2011/11/28	0.7136	0.7203	2011/11/28	0.6711	0.672
2011/11/29	0.7203	0.7303	2011/11/29	0.672	0.6796
2011/11/30	0.7303	0.7095	2011/11/30	0.6796	0.6625
2011/12/1	0.7095	0.7213	2011/12/1	0.6625	0.6739
2011/12/2	0.7213	0.7144	2011/12/2	0.6739	0.6675
2011/12/5	0.7144	0.6979	2011/12/5	0.6675	0.6539
2011/12/6	0.6979	0.6984	2011/12/6	0.6539	0.6529
2011/12/7	0.6984	0.7009	2011/12/7	0.6529	0.6552
2011/12/8	0.7009	0.7013	2011/12/8	0.6552	0.6542
2011/12/9	0.7013	0.6948	2011/12/9	0.6542	0.65
2011/12/12	0.6948	0.6877	2011/12/12	0.65	0.6452
2011/12/13	0.6877	0.6716	2011/12/13	0.6452	0.6335
2011/12/14	0.6716	0.6698	2011/12/14	0.6335	0.6295
2011/12/15	0.6698	0.6608	2011/12/15	0.6295	0.6229
2011/12/16	0.6608	0.6765	2011/12/16	0.6229	0.6318
2011/12/19	0.6765	0.68	2011/12/19	0.6318	0.6327
2011/12/20	0.68	0.6794	2011/12/20	0.6327	0.631
2011/12/21	0.6794	0.6699	2011/12/21	0.631	0.6231

2011/12/22	0.6699	0.666	2011/12/22	0.6231	0.62
2011/12/23	0.666	0.6656	2011/12/23	0.62	0.6209
2011/12/26	0.6656	0.6576	2011/12/26	0.6209	0.6169
2011/12/27	0.6576	0.6467	2011/12/27	0.6169	0.6065
2011/12/28	0.6467	0.6395	2011/12/28	0.6065	0.6025
2011/12/29	0.6395	0.6457	2011/12/29	0.6025	0.6034
2011/12/30	0.6457	0.6594	2011/12/30	0.6034	0.613
2011/12/31	0.6594	0.6594	2011/12/31	0.613	0.613

code:151001

code:160105

time	open	close	time	open	close
2011/1/4	1.0687	1.082	2011/1/4	1.2783	1.2946
2011/1/5	1.082	1.0799	2011/1/5	1.2946	1.2987
2011/1/6	1.0799	1.0715	2011/1/6	1.2987	1.2913
2011/1/7	1.0715	1.0605	2011/1/7	1.2913	1.2759
2011/1/10	1.0605	1.0338	2011/1/10	1.2759	1.2474
2011/1/11	1.0338	1.0264	2011/1/11	1.2474	1.2348
2011/1/12	1.0264	1.0311	2011/1/12	1.2348	1.2338
2011/1/13	1.0311	1.0361	2011/1/13	1.2338	1.2297
2011/1/14	1.0361	1.0194	2011/1/14	1.2297	1.1414
2011/1/17	1.0194	0.9694	2011/1/17	1.1414	1.1013
2011/1/18	0.9694	0.9754	2011/1/18	1.1013	1.1066
2011/1/19	0.9754	0.9958	2011/1/19	1.1066	1.1325
2011/1/20	0.9958	0.9746	2011/1/20	1.1325	1.103
2011/1/21	0.9746	0.9747	2011/1/21	1.103	1.1049
2011/1/24	0.9747	0.9507	2011/1/24	1.1049	1.0792
2011/1/25	0.9507	0.9443	2011/1/25	1.0792	1.0727
2011/1/26	0.9443	0.956	2011/1/26	1.0727	1.09
2011/1/27	0.956	0.9704	2011/1/27	1.09	1.1103
2011/1/28	0.9704	0.9768	2011/1/28	1.1103	1.1187
2011/1/31	0.9768	0.9836	2011/1/31	1.1187	1.1296
2011/2/1	0.9836	0.9844	2011/2/1	1.1296	1.1276
2011/2/9	0.9844	0.9849	2011/2/9	1.1276	1.1171
2011/2/10	0.9849	1.0034	2011/2/10	1.1171	1.14
2011/2/11	1.0034	1.0059	2011/2/11	1.14	1.1525
2011/2/14	1.0059	1.0214	2011/2/14	1.1525	1.1737
2011/2/15	1.0214	1.0185	2011/2/15	1.1737	1.1716
2011/2/16	1.0185	1.0221	2011/2/16	1.1716	1.1858
2011/2/17	1.0221	1.0219	2011/2/17	1.1858	1.1886
2011/2/18	1.0219	1.0158	2011/2/18	1.1886	1.1753
2011/2/21	1.0158	1.0359	2011/2/21	1.1753	1.192
2011/2/22	1.0359	1.0229	2011/2/22	1.192	1.1621
2011/2/23	1.0229	1.028	2011/2/23	1.1621	1.168

2011/2/24	1.028	1.0298	2011/2/24	1.168	1.1716
2011/2/25	1.0298	1.0305	2011/2/25	1.1716	1.1733
2011/2/28	1.0305	1.041	2011/2/28	1.1733	1.1879
2011/3/1	1.041	1.0412	2011/3/1	1.1879	1.1866
2011/3/2	1.0412	1.0314	2011/3/2	1.1866	1.1769
2011/3/3	1.0314	1.0155	2011/3/3	1.1769	1.1622
2011/3/4	1.0155	1.0244	2011/3/4	1.1622	1.174
2011/3/7	1.0244	1.0319	2011/3/7	1.174	1.1868
2011/3/8	1.0319	1.0309	2011/3/8	1.1868	1.1867
2011/3/9	1.0309	1.0334	2011/3/9	1.1867	1.1923
2011/3/10	1.0334	1.0297	2011/3/10	1.1923	1.1763
2011/3/11	1.0297	1.0301	2011/3/11	1.1763	1.1704
2011/3/14	1.0301	1.039	2011/3/14	1.1704	1.1825
2011/3/15	1.039	1.0313	2011/3/15	1.1825	1.1716
2011/3/16	1.0313	1.0362	2011/3/16	1.1716	1.1841
2011/3/17	1.0362	1.0231	2011/3/17	1.1841	1.1664
2011/3/18	1.0231	1.0257	2011/3/18	1.1664	1.1649
2011/3/21	1.0257	1.0166	2011/3/21	1.1649	1.1556
2011/3/22	1.0166	1.0143	2011/3/22	1.1556	1.1598
2011/3/23	1.0143	1.0204	2011/3/23	1.1598	1.1721
2011/3/24	1.0204	1.0223	2011/3/24	1.1721	1.1727
2011/3/25	1.0223	1.0301	2011/3/25	1.1727	1.1802
2011/3/28	1.0301	1.0222	2011/3/28	1.1802	1.1724
2011/3/29	1.0222	1.0045	2011/3/29	1.1724	1.153
2011/3/30	1.0045	0.9963	2011/3/30	1.153	1.1484
2011/3/31	0.9963	0.9895	2011/3/31	1.1484	1.1437
2011/4/1	0.9895	0.9949	2011/4/1	1.1437	1.1568
2011/4/6	0.9949	0.9914	2011/4/6	1.1568	1.1556
2011/4/7	0.9914	0.9943	2011/4/7	1.1556	1.1614
2011/4/8	0.9943	1.0015	2011/4/8	1.1614	1.1709
2011/4/11	1.0015	0.9943	2011/4/11	1.1709	1.1591
2011/4/12	0.9943	0.9898	2011/4/12	1.1591	1.1552
2011/4/13	0.9898	0.9975	2011/4/13	1.1552	1.1677
2011/4/14	0.9975	0.9976	2011/4/14	1.1677	1.162
2011/4/15	0.9976	0.9938	2011/4/15	1.162	1.162
2011/4/18	0.9938	0.9916	2011/4/18	1.162	1.1606
2011/4/19	0.9916	0.9864	2011/4/19	1.1606	1.1468
2011/4/20	0.9864	0.9919	2011/4/20	1.1468	1.1447
2011/4/21	0.9919	0.9943	2011/4/21	1.1447	1.1529
2011/4/22	0.9943	0.9901	2011/4/22	1.1529	1.1485
2011/4/25	0.9901	0.9758	2011/4/25	1.1485	1.1378
2011/4/26	0.9758	0.9689	2011/4/26	1.1378	1.1314

2011/4/27	0.9689	0.9648	2011/4/27	1.1314	1.1253
2011/4/28	0.9648	0.949	2011/4/28	1.1253	1.111
2011/4/29	0.949	0.9571	2011/4/29	1.111	1.1205
2011/5/2	0.9571	0.9571	2011/5/2	1.1205	1.1205
2011/5/3	0.9571	0.9625	2011/5/3	1.1205	1.1287
2011/5/4	0.9625	0.9514	2011/5/4	1.1287	1.1068
2011/5/5	0.9514	0.9551	2011/5/5	1.1068	1.1063
2011/5/6	0.9551	0.9612	2011/5/6	1.1063	1.1068
2011/5/9	0.9612	0.9621	2011/5/9	1.1068	1.1087
2011/5/10	0.9621	0.965	2011/5/10	1.1087	1.1139
2011/5/11	0.965	0.9649	2011/5/11	1.1139	1.1146
2011/5/12	0.9649	0.9584	2011/5/12	1.1146	1.1081
2011/5/13	0.9584	0.9587	2011/5/13	1.1081	1.1102
2011/5/16	0.9587	0.9575	2011/5/16	1.1102	1.1038
2011/5/17	0.9575	0.9554	2011/5/17	1.1038	1.1059
2011/5/18	0.9554	0.9573	2011/5/18	1.1059	1.1145
2011/5/19	0.9573	0.955	2011/5/19	1.1145	1.1084
2011/5/20	0.955	0.9558	2011/5/20	1.1084	1.1071
2011/5/23	0.9558	0.9354	2011/5/23	1.1071	1.078
2011/5/24	0.9354	0.9347	2011/5/24	1.078	1.0759
2011/5/25	0.9347	0.9263	2011/5/25	1.0759	1.0684
2011/5/26	0.9263	0.918	2011/5/26	1.0684	1.0623
2011/5/27	0.918	0.9101	2011/5/27	1.0623	1.0585
2011/5/30	0.9101	0.9095	2011/5/30	1.0585	1.0603
2011/5/31	0.9095	0.9165	2011/5/31	1.0603	1.0715
2011/6/1	0.9165	0.9209	2011/6/1	1.0715	1.0769
2011/6/2	0.9209	0.9144	2011/6/2	1.0769	1.0658
2011/6/3	0.9144	0.9219	2011/6/3	1.0658	1.0752
2011/6/7	0.9219	0.9241	2011/6/7	1.0752	1.0783
2011/6/8	0.9241	0.9231	2011/6/8	1.0783	1.0782
2011/6/9	0.9231	0.9121	2011/6/9	1.0782	1.0619
2011/6/10	0.9121	0.9141	2011/6/10	1.0619	1.0652
2011/6/13	0.9141	0.9127	2011/6/13	1.0652	1.0593
2011/6/14	0.9127	0.9197	2011/6/14	1.0593	1.0723
2011/6/15	0.9197	0.9128	2011/6/15	1.0723	1.0671
2011/6/16	0.9128	0.9045	2011/6/16	1.0671	1.0564
2011/6/17	0.9045	0.901	2011/6/17	1.0564	1.0524
2011/6/20	0.901	0.8952	2011/6/20	1.0524	1.048
2011/6/21	0.8952	0.9021	2011/6/21	1.048	1.0593
2011/6/22	0.9021	0.9026	2011/6/22	1.0593	1.0595
2011/6/23	0.9026	0.9145	2011/6/23	1.0595	1.0766
2011/6/24	0.9145	0.9239	2011/6/24	1.0766	1.0889

2011/6/27	0.9239	0.929	2011/6/27	1.0889	1.0896
2011/6/28	0.929	0.9305	2011/6/28	1.0896	1.0924
2011/6/29	0.9305	0.9224	2011/6/29	1.0924	1.083
2011/6/30	0.9224	0.9331	2011/6/30	1.083	1.0953
2011/7/1	0.9331	0.9356	2011/7/1	1.0953	1.0988
2011/7/4	0.9356	0.9502	2011/7/4	1.0988	1.1145
2011/7/5	0.9502	0.9489	2011/7/5	1.1145	1.116
2011/7/6	0.9489	0.9504	2011/7/6	1.116	1.1111
2011/7/7	0.9504	0.9508	2011/7/7	1.1111	1.112
2011/7/8	0.9508	0.9523	2011/7/8	1.112	1.1164
2011/7/11	0.9523	0.9612	2011/7/11	1.1164	1.1192
2011/7/12	0.9612	0.9593	2011/7/12	1.1192	1.1075
2011/7/13	0.9593	0.9704	2011/7/13	1.1075	1.1212
2011/7/14	0.9704	0.9716	2011/7/14	1.1212	1.122
2011/7/15	0.9716	0.9762	2011/7/15	1.122	1.1254
2011/7/18	0.9762	0.9763	2011/7/18	1.1254	1.1231
2011/7/19	0.9763	0.9659	2011/7/19	1.1231	1.1155
2011/7/20	0.9659	0.966	2011/7/20	1.1155	1.1153
2011/7/21	0.966	0.9617	2011/7/21	1.1153	1.1084
2011/7/22	0.9617	0.9666	2011/7/22	1.1084	1.1131
2011/7/25	0.9666	0.947	2011/7/25	1.1131	1.0894
2011/7/26	0.947	0.9492	2011/7/26	1.0894	1.0909
2011/7/27	0.9492	0.9612	2011/7/27	1.0909	1.1011
2011/7/28	0.9612	0.9609	2011/7/28	1.1011	1.1016
2011/7/29	0.9609	0.9583	2011/7/29	1.1016	1.0956
2011/8/1	0.9583	0.9575	2011/8/1	1.0956	1.0951
2011/8/2	0.9575	0.956	2011/8/2	1.0951	1.0901
2011/8/3	0.956	0.9582	2011/8/3	1.0901	1.091
2011/8/4	0.9582	0.9591	2011/8/4	1.091	1.0941
2011/8/5	0.9591	0.955	2011/8/5	1.0941	1.0849
2011/8/8	0.955	0.9372	2011/8/8	1.0849	1.0675
2011/8/9	0.9372	0.939	2011/8/9	1.0675	1.0744
2011/8/10	0.939	0.9505	2011/8/10	1.0744	1.086
2011/8/11	0.9505	0.9636	2011/8/11	1.086	1.1043
2011/8/12	0.9636	0.9663	2011/8/12	1.1043	1.1071
2011/8/15	0.9663	0.9747	2011/8/15	1.1071	1.1157
2011/8/16	0.9747	0.9706	2011/8/16	1.1157	1.1053
2011/8/17	0.9706	0.9698	2011/8/17	1.1053	1.0998
2011/8/18	0.9698	0.9578	2011/8/18	1.0998	1.0858
2011/8/19	0.9578	0.9573	2011/8/19	1.0858	1.0824
2011/8/22	0.9573	0.9505	2011/8/22	1.0824	1.069
2011/8/23	0.9505	0.9601	2011/8/23	1.069	1.0776

2011/8/24	0.9601	0.9592	2011/8/24	1.0776	1.0765
2011/8/25	0.9592	0.9684	2011/8/25	1.0765	1.095
2011/8/26	0.9684	0.9704	2011/8/26	1.095	1.0952
2011/8/29	0.9704	0.968	2011/8/29	1.0952	1.0896
2011/8/30	0.968	0.962	2011/8/30	1.0896	1.0847
2011/8/31	0.962	0.9587	2011/8/31	1.0847	1.0819
2011/9/1	0.9587	0.9535	2011/9/1	1.0819	1.076
2011/9/2	0.9535	0.946	2011/9/2	1.076	1.0686
2011/9/5	0.946	0.9364	2011/9/5	1.0686	1.0512
2011/9/6	0.9364	0.9315	2011/9/6	1.0512	1.039
2011/9/7	0.9315	0.9434	2011/9/7	1.039	1.0549
2011/9/8	0.9434	0.9395	2011/9/8	1.0549	1.0488
2011/9/9	0.9395	0.9356	2011/9/9	1.0488	1.0432
2011/9/12	0.9356	0.9356	2011/9/12	1.0432	1.0432
2011/9/13	0.9356	0.9269	2011/9/13	1.0432	1.0321
2011/9/14	0.9269	0.9313	2011/9/14	1.0321	1.0341
2011/9/15	0.9313	0.9305	2011/9/15	1.0341	1.0365
2011/9/16	0.9305	0.9304	2011/9/16	1.0365	1.0388
2011/9/19	0.9304	0.9216	2011/9/19	1.0388	1.0268
2011/9/20	0.9216	0.9233	2011/9/20	1.0268	1.0266
2011/9/21	0.9233	0.9393	2011/9/21	1.0266	1.0444
2011/9/22	0.9393	0.9233	2011/9/22	1.0444	1.0218
2011/9/23	0.9233	0.918	2011/9/23	1.0218	1.0149
2011/9/26	0.918	0.9091	2011/9/26	1.0149	0.9999
2011/9/27	0.9091	0.9121	2011/9/27	0.9999	1.0035
2011/9/28	0.9121	0.9079	2011/9/28	1.0035	0.9983
2011/9/29	0.9079	0.8977	2011/9/29	0.9983	0.9885
2011/9/30	0.8977	0.8994	2011/9/30	0.9885	0.9894
2011/10/10	0.8994	0.892	2011/10/10	0.9894	0.9804
2011/10/11	0.892	0.8861	2011/10/11	0.9804	0.9695
2011/10/12	0.8861	0.9029	2011/10/12	0.9695	0.9904
2011/10/13	0.9029	0.9112	2011/10/13	0.9904	0.9955
2011/10/14	0.9112	0.9098	2011/10/14	0.9955	0.9922
2011/10/17	0.9098	0.9163	2011/10/17	0.9922	0.9995
2011/10/18	0.9163	0.9069	2011/10/18	0.9995	0.983
2011/10/19	0.9069	0.9021	2011/10/19	0.983	0.9765
2011/10/20	0.9021	0.8878	2011/10/20	0.9765	0.9543
2011/10/21	0.8878	0.8856	2011/10/21	0.9543	0.9481
2011/10/24	0.8856	0.8972	2011/10/24	0.9481	0.9613
2011/10/25	0.8972	0.9121	2011/10/25	0.9613	0.9752
2011/10/26	0.9121	0.9192	2011/10/26	0.9752	0.9834
2011/10/27	0.9192	0.9192	2011/10/27	0.9834	0.9846

2011/10/28	0.9192	0.9294	2011/10/28	0.9846	0.9973
2011/10/31	0.9294	0.9311	2011/10/31	0.9973	0.9988
2011/11/1	0.9311	0.9296	2011/11/1	0.9988	1.0002
2011/11/2	0.9296	0.944	2011/11/2	1.0002	1.0149
2011/11/3	0.944	0.9437	2011/11/3	1.0149	1.0157
2011/11/4	0.9437	0.9458	2011/11/4	1.0157	1.0195
2011/11/7	0.9458	0.9425	2011/11/7	1.0195	1.0152
2011/11/8	0.9425	0.9362	2011/11/8	1.0152	1.0117
2011/11/9	0.9362	0.9461	2011/11/9	1.0117	1.0181
2011/11/10	0.9461	0.942	2011/11/10	1.0181	1.0103
2011/11/11	0.942	0.9391	2011/11/11	1.0103	1.0086
2011/11/14	0.9391	0.9523	2011/11/14	1.0086	1.0235
2011/11/15	0.9523	0.9514	2011/11/15	1.0235	1.0222
2011/11/16	0.9514	0.9378	2011/11/16	1.0222	1.0041
2011/11/17	0.9378	0.9403	2011/11/17	1.0041	1.0024
2011/11/18	0.9403	0.9296	2011/11/18	1.0024	0.9899
2011/11/21	0.9296	0.9271	2011/11/21	0.9899	0.9886
2011/11/22	0.9271	0.9303	2011/11/22	0.9886	0.9914
2011/11/23	0.9303	0.9341	2011/11/23	0.9914	0.9917
2011/11/24	0.9341	0.9379	2011/11/24	0.9917	0.9973
2011/11/25	0.9379	0.9333	2011/11/25	0.9973	0.9933
2011/11/28	0.9333	0.9363	2011/11/28	0.9933	1.0003
2011/11/29	0.9363	0.9411	2011/11/29	1.0003	1.01
2011/11/30	0.9411	0.9278	2011/11/30	1.01	0.993
2011/12/1	0.9278	0.9381	2011/12/1	0.993	1.0072
2011/12/2	0.9381	0.9304	2011/12/2	1.0072	0.9971
2011/12/5	0.9304	0.9158	2011/12/5	0.9971	0.9808
2011/12/6	0.9158	0.9136	2011/12/6	0.9808	0.9769
2011/12/7	0.9136	0.9139	2011/12/7	0.9769	0.9793
2011/12/8	0.9139	0.9171	2011/12/8	0.9793	0.9768
2011/12/9	0.9171	0.9121	2011/12/9	0.9768	0.9674
2011/12/12	0.9121	0.9082	2011/12/12	0.9674	0.9612
2011/12/13	0.9082	0.8983	2011/12/13	0.9612	0.9504
2011/12/14	0.8983	0.8924	2011/12/14	0.9504	0.9448
2011/12/15	0.8924	0.8869	2011/12/15	0.9448	0.933
2011/12/16	0.8869	0.9003	2011/12/16	0.933	0.9463
2011/12/19	0.9003	0.9036	2011/12/19	0.9463	0.9479
2011/12/20	0.9036	0.8971	2011/12/20	0.9479	0.9473
2011/12/21	0.8971	0.8876	2011/12/21	0.9473	0.9382
2011/12/22	0.8876	0.8859	2011/12/22	0.9382	0.9384
2011/12/23	0.8859	0.8868	2011/12/23	0.9384	0.9422
2011/12/26	0.8868	0.8809	2011/12/26	0.9422	0.9346

2011/12/27	0.8809	0.8652	2011/12/27	0.9346	0.9178
2011/12/28	0.8652	0.861	2011/12/28	0.9178	0.9099
2011/12/29	0.861	0.8638	2011/12/29	0.9099	0.9131
2011/12/30	0.8638	0.8733	2011/12/30	0.9131	0.9263
2011/12/31	0.8733	0.8733	2011/12/31	0.9263	0.9262

code:160106

code:160314

time	open	close	time	open	close
2011/1/4	1.7644	1.7805	2011/1/4	0.978	0.992
2011/1/5	1.7805	1.7837	2011/1/5	0.992	0.99
2011/1/6	1.7837	1.7718	2011/1/6	0.99	0.983
2011/1/7	1.7718	1.7499	2011/1/7	0.983	0.983
2011/1/10	1.7499	1.7053	2011/1/10	0.983	0.965
2011/1/11	1.7053	1.6867	2011/1/11	0.965	0.967
2011/1/12	1.6867	1.6836	2011/1/12	0.967	0.968
2011/1/13	1.6836	1.6796	2011/1/13	0.968	0.968
2011/1/14	1.6796	1.5732	2011/1/14	0.968	0.956
2011/1/17	1.5732	1.5194	2011/1/17	0.956	0.921
2011/1/18	1.5194	1.5295	2011/1/18	0.921	0.926
2011/1/19	1.5295	1.565	2011/1/19	0.926	0.943
2011/1/20	1.565	1.519	2011/1/20	0.943	0.914
2011/1/21	1.519	1.526	2011/1/21	0.914	0.913
2011/1/24	1.526	1.4944	2011/1/24	0.913	0.901
2011/1/25	1.4944	1.4839	2011/1/25	0.901	0.895
2011/1/26	1.4839	1.5086	2011/1/26	0.895	0.906
2011/1/27	1.5086	1.5424	2011/1/27	0.906	0.916
2011/1/28	1.5424	1.5511	2011/1/28	0.916	0.921
2011/1/31	1.5511	1.5649	2011/1/31	0.921	0.929
2011/2/1	1.5649	1.563	2011/2/1	0.929	0.928
2011/2/9	1.563	1.5554	2011/2/9	0.928	0.924
2011/2/10	1.5554	1.586	2011/2/10	0.924	0.94
2011/2/11	1.586	1.595	2011/2/11	0.94	0.944
2011/2/14	1.595	1.6272	2011/2/14	0.944	0.957
2011/2/15	1.6272	1.6247	2011/2/15	0.957	0.956
2011/2/16	1.6247	1.6443	2011/2/16	0.956	0.959
2011/2/17	1.6443	1.6544	2011/2/17	0.959	0.956
2011/2/18	1.6544	1.63	2011/2/18	0.956	0.946
2011/2/21	1.63	1.6597	2011/2/21	0.946	0.959
2011/2/22	1.6597	1.6075	2011/2/22	0.959	0.944
2011/2/23	1.6075	1.6079	2011/2/23	0.944	0.95
2011/2/24	1.6079	1.6194	2011/2/24	0.95	0.95
2011/2/25	1.6194	1.618	2011/2/25	0.95	0.948
2011/2/28	1.618	1.6466	2011/2/28	0.948	0.961

2011/3/1	1.6466	1.6498	2011/3/1	0.961	0.965
2011/3/2	1.6498	1.6371	2011/3/2	0.965	0.963
2011/3/3	1.6371	1.6109	2011/3/3	0.963	0.956
2011/3/4	1.6109	1.6274	2011/3/4	0.956	0.962
2011/3/7	1.6274	1.6484	2011/3/7	0.962	0.967
2011/3/8	1.6484	1.6441	2011/3/8	0.967	0.969
2011/3/9	1.6441	1.6506	2011/3/9	0.969	0.969
2011/3/10	1.6506	1.6265	2011/3/10	0.969	0.961
2011/3/11	1.6265	1.6141	2011/3/11	0.961	0.954
2011/3/14	1.6141	1.6313	2011/3/14	0.954	0.962
2011/3/15	1.6313	1.6059	2011/3/15	0.962	0.949
2011/3/16	1.6059	1.6292	2011/3/16	0.949	0.957
2011/3/17	1.6292	1.6033	2011/3/17	0.957	0.943
2011/3/18	1.6033	1.608	2011/3/18	0.943	0.946
2011/3/21	1.608	1.5951	2011/3/21	0.946	0.941
2011/3/22	1.5951	1.5987	2011/3/22	0.941	0.945
2011/3/23	1.5987	1.6186	2011/3/23	0.945	0.953
2011/3/24	1.6186	1.6173	2011/3/24	0.953	0.951
2011/3/25	1.6173	1.6276	2011/3/25	0.951	0.958
2011/3/28	1.6276	1.612	2011/3/28	0.958	0.953
2011/3/29	1.612	1.586	2011/3/29	0.953	0.947
2011/3/30	1.586	1.5786	2011/3/30	0.947	0.94
2011/3/31	1.5786	1.5691	2011/3/31	0.94	0.933
2011/4/1	1.5691	1.5851	2011/4/1	0.933	0.946
2011/4/6	1.5851	1.5924	2011/4/6	0.946	0.951
2011/4/7	1.5924	1.6011	2011/4/7	0.951	0.954
2011/4/8	1.6011	1.623	2011/4/8	0.954	0.965
2011/4/11	1.623	1.6041	2011/4/11	0.965	0.96
2011/4/12	1.6041	1.592	2011/4/12	0.96	0.96
2011/4/13	1.592	1.609	2011/4/13	0.96	0.973
2011/4/14	1.609	1.6038	2011/4/14	0.973	0.973
2011/4/15	1.6038	1.604	2011/4/15	0.973	0.976
2011/4/18	1.604	1.5981	2011/4/18	0.976	0.978
2011/4/19	1.5981	1.5697	2011/4/19	0.978	0.968
2011/4/20	1.5697	1.5805	2011/4/20	0.968	0.968
2011/4/21	1.5805	1.5965	2011/4/21	0.968	0.971
2011/4/22	1.5965	1.593	2011/4/22	0.971	0.972
2011/4/25	1.593	1.5709	2011/4/25	0.972	0.967
2011/4/26	1.5709	1.5608	2011/4/26	0.967	0.958
2011/4/27	1.5608	1.5494	2011/4/27	0.958	0.954
2011/4/28	1.5494	1.5165	2011/4/28	0.954	0.939
2011/4/29	1.5165	1.5288	2011/4/29	0.939	0.941

2011/5/2	1.5288	1.5288	2011/5/2	0.941	0.941
2011/5/3	1.5288	1.5364	2011/5/3	0.941	0.954
2011/5/4	1.5364	1.5053	2011/5/4	0.954	0.938
2011/5/5	1.5053	1.5046	2011/5/5	0.938	0.943
2011/5/6	1.5046	1.5086	2011/5/6	0.943	0.945
2011/5/9	1.5086	1.5114	2011/5/9	0.945	0.945
2011/5/10	1.5114	1.519	2011/5/10	0.945	0.949
2011/5/11	1.519	1.5232	2011/5/11	0.949	0.949
2011/5/12	1.5232	1.5044	2011/5/12	0.949	0.94
2011/5/13	1.5044	1.511	2011/5/13	0.94	0.946
2011/5/16	1.511	1.5041	2011/5/16	0.946	0.946
2011/5/17	1.5041	1.5078	2011/5/17	0.946	0.946
2011/5/18	1.5078	1.5181	2011/5/18	0.946	0.954
2011/5/19	1.5181	1.5086	2011/5/19	0.954	0.954
2011/5/20	1.5086	1.509	2011/5/20	0.954	0.952
2011/5/23	1.509	1.4735	2011/5/23	0.952	0.926
2011/5/24	1.4735	1.4795	2011/5/24	0.926	0.924
2011/5/25	1.4795	1.4682	2011/5/25	0.924	0.915
2011/5/26	1.4682	1.4484	2011/5/26	0.915	0.905
2011/5/27	1.4484	1.4256	2011/5/27	0.905	0.892
2011/5/30	1.4256	1.4244	2011/5/30	0.892	0.889
2011/5/31	1.4244	1.4397	2011/5/31	0.889	0.902
2011/6/1	1.4397	1.4493	2011/6/1	0.902	0.908
2011/6/2	1.4493	1.4309	2011/6/2	0.908	0.896
2011/6/3	1.4309	1.4531	2011/6/3	0.896	0.906
2011/6/7	1.4531	1.4639	2011/6/7	0.906	0.909
2011/6/8	1.4639	1.4647	2011/6/8	0.909	0.909
2011/6/9	1.4647	1.442	2011/6/9	0.909	0.894
2011/6/10	1.442	1.4455	2011/6/10	0.894	0.893
2011/6/13	1.4455	1.4414	2011/6/13	0.893	0.889
2011/6/14	1.4414	1.4612	2011/6/14	0.889	0.898
2011/6/15	1.4612	1.4543	2011/6/15	0.898	0.892
2011/6/16	1.4543	1.4343	2011/6/16	0.892	0.877
2011/6/17	1.4343	1.4206	2011/6/17	0.877	0.872
2011/6/20	1.4206	1.4196	2011/6/20	0.872	0.867
2011/6/21	1.4196	1.4308	2011/6/21	0.867	0.879
2011/6/22	1.4308	1.4296	2011/6/22	0.879	0.88
2011/6/23	1.4296	1.4477	2011/6/23	0.88	0.892
2011/6/24	1.4477	1.4756	2011/6/24	0.892	0.909
2011/6/27	1.4756	1.4893	2011/6/27	0.909	0.919
2011/6/28	1.4893	1.4965	2011/6/28	0.919	0.919
2011/6/29	1.4965	1.4861	2011/6/29	0.919	0.91

2011/6/30	1.4861	1.5033	2011/6/30	0.91	0.922
2011/7/1	1.5033	1.5065	2011/7/1	0.922	0.925
2011/7/4	1.5065	1.5309	2011/7/4	0.925	0.944
2011/7/5	1.5309	1.5339	2011/7/5	0.944	0.949
2011/7/6	1.5339	1.5371	2011/7/6	0.949	0.952
2011/7/7	1.5371	1.5387	2011/7/7	0.952	0.953
2011/7/8	1.5387	1.5416	2011/7/8	0.953	0.956
2011/7/11	1.5416	1.5442	2011/7/11	0.956	0.963
2011/7/12	1.5442	1.5262	2011/7/12	0.963	0.955
2011/7/13	1.5262	1.5518	2011/7/13	0.955	0.97
2011/7/14	1.5518	1.5607	2011/7/14	0.97	0.973
2011/7/15	1.5607	1.568	2011/7/15	0.973	0.98
2011/7/18	1.568	1.5661	2011/7/18	0.98	0.982
2011/7/19	1.5661	1.5535	2011/7/19	0.982	0.969
2011/7/20	1.5535	1.5494	2011/7/20	0.969	0.97
2011/7/21	1.5494	1.5354	2011/7/21	0.97	0.958
2011/7/22	1.5354	1.5397	2011/7/22	0.958	0.959
2011/7/25	1.5397	1.4958	2011/7/25	0.959	0.93
2011/7/26	1.4958	1.5017	2011/7/26	0.93	0.936
2011/7/27	1.5017	1.5185	2011/7/27	0.936	0.948
2011/7/28	1.5185	1.5155	2011/7/28	0.948	0.944
2011/7/29	1.5155	1.4995	2011/7/29	0.944	0.934
2011/8/1	1.4995	1.4978	2011/8/1	0.934	0.938
2011/8/2	1.4978	1.4909	2011/8/2	0.938	0.934
2011/8/3	1.4909	1.4946	2011/8/3	0.934	0.938
2011/8/4	1.4946	1.4997	2011/8/4	0.938	0.94
2011/8/5	1.4997	1.4856	2011/8/5	0.94	0.929
2011/8/8	1.4856	1.4451	2011/8/8	0.929	0.9
2011/8/9	1.4451	1.4528	2011/8/9	0.9	0.904
2011/8/10	1.4528	1.4691	2011/8/10	0.904	0.916
2011/8/11	1.4691	1.4895	2011/8/11	0.916	0.935
2011/8/12	1.4895	1.4961	2011/8/12	0.935	0.939
2011/8/15	1.4961	1.5089	2011/8/15	0.939	0.949
2011/8/16	1.5089	1.4984	2011/8/16	0.949	0.94
2011/8/17	1.4984	1.4897	2011/8/17	0.94	0.938
2011/8/18	1.4897	1.4656	2011/8/18	0.938	0.925
2011/8/19	1.4656	1.4576	2011/8/19	0.925	0.921
2011/8/22	1.4576	1.4408	2011/8/22	0.921	0.909
2011/8/23	1.4408	1.4534	2011/8/23	0.909	0.919
2011/8/24	1.4534	1.4603	2011/8/24	0.919	0.921
2011/8/25	1.4603	1.4861	2011/8/25	0.921	0.94
2011/8/26	1.4861	1.4885	2011/8/26	0.94	0.941

2011/8/29	1.4885	1.4855	2011/8/29	0.941	0.935
2011/8/30	1.4855	1.4723	2011/8/30	0.935	0.93
2011/8/31	1.4723	1.4662	2011/8/31	0.93	0.929
2011/9/1	1.4662	1.4575	2011/9/1	0.929	0.924
2011/9/2	1.4575	1.4419	2011/9/2	0.924	0.914
2011/9/5	1.4419	1.4118	2011/9/5	0.914	0.897
2011/9/6	1.4118	1.3967	2011/9/6	0.897	0.89
2011/9/7	1.3967	1.4208	2011/9/7	0.89	0.906
2011/9/8	1.4208	1.4111	2011/9/8	0.906	0.901
2011/9/9	1.4111	1.3987	2011/9/9	0.901	0.897
2011/9/12	1.3987	1.3987	2011/9/12	0.897	0.897
2011/9/13	1.3987	1.3837	2011/9/13	0.897	0.886
2011/9/14	1.3837	1.3916	2011/9/14	0.886	0.891
2011/9/15	1.3916	1.394	2011/9/15	0.891	0.893
2011/9/16	1.394	1.3976	2011/9/16	0.893	0.896
2011/9/19	1.3976	1.3762	2011/9/19	0.896	0.882
2011/9/20	1.3762	1.3775	2011/9/20	0.882	0.886
2011/9/21	1.3775	1.4056	2011/9/21	0.886	0.906
2011/9/22	1.4056	1.3738	2011/9/22	0.906	0.886
2011/9/23	1.3738	1.3648	2011/9/23	0.886	0.878
2011/9/26	1.3648	1.349	2011/9/26	0.878	0.865
2011/9/27	1.349	1.3546	2011/9/27	0.865	0.868
2011/9/28	1.3546	1.3438	2011/9/28	0.868	0.859
2011/9/29	1.3438	1.3277	2011/9/29	0.859	0.839
2011/9/30	1.3277	1.3238	2011/9/30	0.839	0.835
2011/10/10	1.3238	1.2988	2011/10/10	0.835	0.827
2011/10/11	1.2988	1.2887	2011/10/11	0.827	0.824
2011/10/12	1.2887	1.3273	2011/10/12	0.824	0.848
2011/10/13	1.3273	1.3389	2011/10/13	0.848	0.856
2011/10/14	1.3389	1.3312	2011/10/14	0.856	0.852
2011/10/17	1.3312	1.34	2011/10/17	0.852	0.859
2011/10/18	1.34	1.3111	2011/10/18	0.859	0.842
2011/10/19	1.3111	1.3056	2011/10/19	0.842	0.838
2011/10/20	1.3056	1.2834	2011/10/20	0.838	0.816
2011/10/21	1.2834	1.2672	2011/10/21	0.816	0.807
2011/10/24	1.2672	1.2876	2011/10/24	0.807	0.821
2011/10/25	1.2876	1.3129	2011/10/25	0.821	0.838
2011/10/26	1.3129	1.3228	2011/10/26	0.838	0.845
2011/10/27	1.3228	1.3239	2011/10/27	0.845	0.847
2011/10/28	1.3239	1.3456	2011/10/28	0.847	0.866
2011/10/31	1.3456	1.3461	2011/10/31	0.866	0.87
2011/11/1	1.3461	1.3457	2011/11/1	0.87	0.871

2011/11/2	1.3457	1.3708	2011/11/2	0.871	0.886
2011/11/3	1.3708	1.3721	2011/11/3	0.886	0.887
2011/11/4	1.3721	1.3778	2011/11/4	0.887	0.89
2011/11/7	1.3778	1.3702	2011/11/7	0.89	0.884
2011/11/8	1.3702	1.361	2011/11/8	0.884	0.879
2011/11/9	1.361	1.3722	2011/11/9	0.879	0.891
2011/11/10	1.3722	1.3587	2011/11/10	0.891	0.886
2011/11/11	1.3587	1.3559	2011/11/11	0.886	0.885
2011/11/14	1.3559	1.381	2011/11/14	0.885	0.902
2011/11/15	1.381	1.3886	2011/11/15	0.902	0.904
2011/11/16	1.3886	1.3572	2011/11/16	0.904	0.883
2011/11/17	1.3572	1.3656	2011/11/17	0.883	0.884
2011/11/18	1.3656	1.335	2011/11/18	0.884	0.865
2011/11/21	1.335	1.3364	2011/11/21	0.865	0.866
2011/11/22	1.3364	1.3389	2011/11/22	0.866	0.868
2011/11/23	1.3389	1.3332	2011/11/23	0.868	0.866
2011/11/24	1.3332	1.3394	2011/11/24	0.866	0.868
2011/11/25	1.3394	1.337	2011/11/25	0.868	0.863
2011/11/28	1.337	1.3417	2011/11/28	0.863	0.866
2011/11/29	1.3417	1.3593	2011/11/29	0.866	0.878
2011/11/30	1.3593	1.3254	2011/11/30	0.878	0.854
2011/12/1	1.3254	1.3465	2011/12/1	0.854	0.869
2011/12/2	1.3465	1.3295	2011/12/2	0.869	0.856
2011/12/5	1.3295	1.3008	2011/12/5	0.856	0.838
2011/12/6	1.3008	1.3009	2011/12/6	0.838	0.837
2011/12/7	1.3009	1.3088	2011/12/7	0.837	0.84
2011/12/8	1.3088	1.3098	2011/12/8	0.84	0.842
2011/12/9	1.3098	1.2953	2011/12/9	0.842	0.833
2011/12/12	1.2953	1.2825	2011/12/12	0.833	0.827
2011/12/13	1.2825	1.2566	2011/12/13	0.827	0.81
2011/12/14	1.2566	1.2431	2011/12/14	0.81	0.802
2011/12/15	1.2431	1.2273	2011/12/15	0.802	0.786
2011/12/16	1.2273	1.2571	2011/12/16	0.786	0.8
2011/12/19	1.2571	1.2599	2011/12/19	0.8	0.805
2011/12/20	1.2599	1.2525	2011/12/20	0.805	0.802
2011/12/21	1.2525	1.2336	2011/12/21	0.802	0.79
2011/12/22	1.2336	1.2297	2011/12/22	0.79	0.789
2011/12/23	1.2297	1.2389	2011/12/23	0.789	0.793
2011/12/26	1.2389	1.2289	2011/12/26	0.793	0.787
2011/12/27	1.2289	1.2064	2011/12/27	0.787	0.772
2011/12/28	1.2064	1.1999	2011/12/28	0.772	0.768
2011/12/29	1.1999	1.2022	2011/12/29	0.768	0.771

2011/12/30	1. 2022	1. 222	2011/12/30	0. 771	0. 783
2011/12/31	1. 222	1. 2219	2011/12/31	0. 783	0. 783