

BEFORE THE
NEW HAMPSHIRE PUBLIC UTILITIES COMMISSION

Liberty Utilities (EnergyNorth Natural Gas) Corp.
d/b/a Liberty

Winter 2024-2025 and Summer 2025 Cost of Gas

Docket No. DG 24-106

Technical Statement of Marc H. Vatter

October 11, 2024

In this technical statement, I develop the following recommendations with respect to the issues to be resolved in this docket:

- A fixed price adder for Winter 2024-25 of \$0.0400/therm;
- A commodity component of the cost of gas for Winter 2024-25 of \$0.7587/therm;
- A commodity component of the cost of gas for Summer 2025 of \$0.2728/therm;
- An expected carrying charge on undercollections of 4.82 percent; and
- An expected carrying charge on overcollections of 8.77 percent.

Premium in winter fixed price offer

For the past 19 years, Energy North Natural Gas has calculated the rate for its fixed price offering by applying a \$0.020/therm adder to the Cost of Gas rate otherwise applicable at the beginning of the winter season. See Energy North letter of September 8, 2005 in DG 05-127, attached as 24-106_2024-10-24_Att_1.pdf, proposing to increase the adder from \$0.010/therm to \$0.020/therm. The adder, of course, amounts to a risk premium – an extra sum paid by customers in exchange for winter-long price certainty.

Since the adoption of the two-cent adder in 2005, inflation as measured by the Consumer Price Index has been 60 percent (at least through July of 2024). This would imply an inflation-adjusted risk premium/adder of \$0.032/therm.

The market for natural gas has also developed over the past 19 years. Tracking and taking these developments into account are important in order to calculate a risk premium for the fixed price option that is just and reasonable.

Soon after 2005, innovations in hydraulic fracturing and horizontal drilling, used in tandem, vastly increased the amount of economically recoverable natural gas and oil in the United States. In response, a large amount of liquefaction and export capacity was acquired along the U.S. Gulf Coast, near Henry Hub, which is the location at which index prices for natural gas are typically set. Substantial exports go to Europe, but the market at Henry Hub also interacts with the large market for liquified natural gas (LNG) in East Asia via this export capacity. By 2005, the industry had largely completed a long process of substituting natural gas for distillate and residual fuel oil in space heat and electric generation; more recently, substitution of electric vehicles for internal combustion-powered vehicles began. Taken

together, these changes have maintained the condition that natural gas and other fuels are substitutable. A consequence is that prices for natural gas and oil move up and down together.

For many years, prices of LNG were indexed to the price of oil. Operationally, natural gas is still generally the marginal¹ fuel in electric generation in the U.S.; on a planning basis, some new gas plants are still being acquired in the U.S., the timing of retirement of existing gas plants will keep decrements of gas-fired capacity on the margin, and substitution of gas for coal worldwide will remain low hanging fruit for decarbonization worldwide for some time. Electric vehicles will be fueled by gas on the margin, maintaining the direct relationship between prices for natural gas and oil as substitutes in consumption. Oil prices are volatile, and their volatility will continue to add to the weather-driven volatility in the price of natural gas.

The difference between futures and spot prices for the same date of delivery is the risk premium those who buy at the futures price pay for locking in that price in advance. Table I shows the average difference between monthly futures and spot prices for winter delivery at Henry Hub over three historical periods and future delivery one, two, three, and four months in advance. The risk premium declines as winter approaches, especially between two one month in advance, as normal conditions tend to become more likely. The average over the four months is somewhat above \$0.040/therm. Table I is calculated in Cells K6942:P6948 of the tab Henry_Hub_Natural_Gas_Spot_Price of 24-106_2024-10-24_Att_2.xlsm.

Table I: Historic winter futures risk premia at Henry Hub (cents/therm; 2024\$)

Months in advance:	<u>Four</u>	<u>Three</u>	<u>Two</u>	<u>One</u>	<u>Average</u>
1997-2024	5.93	5.33	3.74	1.62	4.15
2007-2024	7.75	5.48	3.21	0.90	4.33
2017-2024	6.16	5.44	3.36	1.13	4.02

Source: Energy Information Administration

Table II shows the average difference between futures and spot basis from Henry Hub to gates along the Algonquin pipeline in New England from 2009 to 2018, also one, two, three, and four months in advance. The risk premium tends to rise as winter approaches, as normal conditions tend to become more likely. Its negative values may be caused by the possibility of gas flowing south from the Marcellus Shale toward Henry Hub, but less so north from the Marcellus to New England, given the limited pipeline capacity available going into New England.

¹ The marginal unit of a good is the last unit consumed or produced. Natural gas is the marginal fuel in electric generation if the last MWh produced is produced at a gas-fired plant.

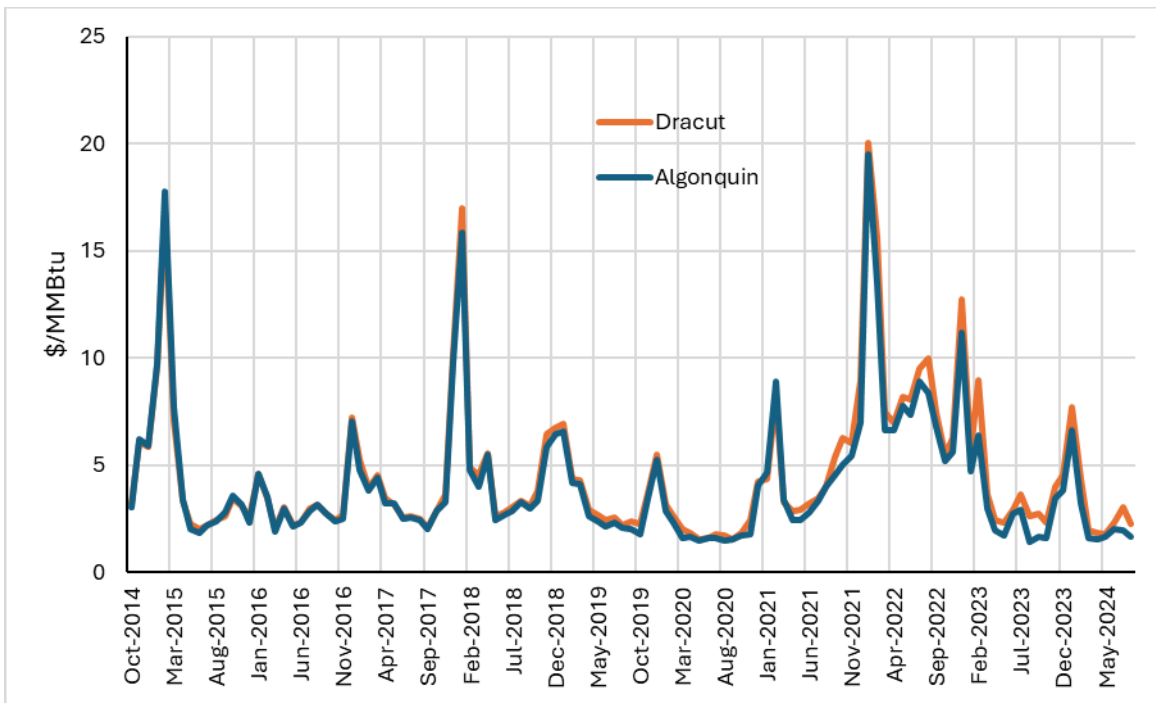
Table II: Historic winter basis futures risk premia at Algonquin gates (cents/therm; 2024\$)

Months in advance:	<u>Four</u>	<u>Three</u>	<u>Two</u>	<u>One</u>	<u>Average</u>
2009-2018	-2.30	-0.42	0.05	1.30	-0.34

Source: Standard and Poor's Global IQ

Company witnesses Tilbury, Esposito, and Summerfield report that the Company takes delivery through the Tennessee Gas Pipeline (TGP), which connects to the pricing and trading hub at Dracut. They mention Dracut as a point of delivery several times in their direct testimony, and Dracut is close to New Hampshire. I calculated the expected cost of natural gas this winter using the futures curve on the Intercontinental Exchange (ICE) for the gates in New England along the Algonquin pipeline because I do not have free access to the futures curve at Dracut, but I do have historical data for spot prices at both the Algonquin gates and Dracut, shown in Figure I. They are quite close, though Dracut is slightly higher in recent years. The EIA describes “the Algonquin Citygate” as “a trading hub and the benchmark for the natural gas price in New England”.²

Figure I: Spot prices for natural gas at Dracut and Algonquin gates



Source: Standard & Poor's Global IQ

Adding the \$0.043/therm risk premium at Henry Hub from 2007 to 2024 in Table I and the \$-0.003/therm basis risk premium from 2009 to 2018 in Table II results in a total risk premium of \$0.040/therm, which is

² <https://www.eia.gov/todayinenergy/detail.php?id=51158>, accessed September 19, 2024.

somewhat higher than the \$0.032/therm that results when historic inflation is added to the risk premium calculated in 2005, but not surprising given the amount of time that has passed and the market dynamics I analyze above. I recommend a fixed price adder of \$0.040/therm.

Expected cost of gas

To formulate a recommendation as to the Cost of Gas rate itself, I calculated the expected cost of commodity using a recent futures curve for gates along the Algonquin Pipeline in New England. This figure, \$0.8020/therm, is higher than the forecasted cost of commodity from the Company, so it gives an expected undercollection. Subtracting the \$0.0433/therm futures (risk) premium from the last column of Table I, I recommend a winter cost of commodity of $0.8020 - 0.0433 = \$0.7587/\text{therm}$.

For the summer, a similar calculation from the recent futures curve along the Algonquin gates gives \$0.2568/therm. A calculation for 2017-24 analogous to that in Table I gives an average risk premium over the four advance months of \$-0.0160/therm, calculated in Cell P6957 of the Henry_Hub_Natural_Gas_Spot_Pric tab of 24-106_2024-10-24_Att_2.xlsb. (The premium has “flipped” from positive to negative in recent years as acquisition of solar electric generation has moderated the demand for natural gas used to meet air conditioning load in the summer in New England.) This gives an expected overcollection. I recommend a summer cost of commodity of $0.2568 + 0.0160 = \$0.2728/\text{therm}$.

Carrying charges

Under the tariff from DG 23-076, the Company would both collect interest from customers on undercollections and pay interest to customers on overcollections at the Prime Rate, which is now 8.00 percent.³ In my judgment, the Commission should reexamine the question of whether this interest rate is just and reasonable.

Undercollections

Regarding undercollections, the Company is effectively lending to customers without their specific consent. The rate on one-month commercial paper is now 4.82 percent.⁴ Using this as the Company’s cost of short-term debt, it is collecting interest above cost of $8.00 - 4.82 = 3.18\%$. According to Fitch Ratings,

LUCo primarily meets its short-term liquidity needs through the issuance of [commercial paper] under its \$500 million CP program. LUCo also has a \$1 billion senior unsecured revolving credit facility (RCF) that matures April 29, 2027, and a \$500 million short-term senior unsecured RCF that matures Oct. 25, 2025. LUCo requires modest cash on hand to fund its operations.⁵

The last sentence suggests that the Company has the ability to increase its issuance of commercial paper, if needed, to finance undercollections. Figure II shows that rates on commercial paper have generally fallen below the Prime Rate. The objective of minimizing the cost of financial capital going into

³ <https://www.federalreserve.gov/releases/h15/>, accessed October 7, 2024.

⁴ Ibid.

⁵ <https://www.fitchratings.com/research/corporate-finance/fitch-rates-liberty-utilities-co-senior-unsecured-notes-bbb-09-01-2024>, accessed September 17, 2024.

residential rates, then, justifies an assumed rolling over of one-month nonfinancial commercial paper, rather than the Prime Rate, as a way to finance undercollections through rates. By inspection of Figure II, the prospect of greater volatility in rates on commercial paper should not be of concern; they rise and fall in tandem with the Prime Rate.

Figure II: Rates of interest on prime bank lending and commercial paper



Aggregating over forecast residential use and applying the 3.18 percent difference in rates of interest, I calculate that residential customers would pay \$358,563 in interest above cost for the expected winter undercollection. I recommend that undercollections accrue interest at the rate of interest on one-month nonfinancial commercial paper reported by the Board of Governors of the Federal Reserve at <https://www.federalreserve.gov/releases/h15/>, for the term during which undercollections accrue interest.

Overcollections

Regarding overcollections, the Company is effectively borrowing from customers without their specific consent. It should do so at customers' time value of money, which I denote as r_f and may or may not approximate the Prime Rate. For a consumer to maximize the present value of current and future well-being (typically referred to by economists as "utility"), the rate of decline in the marginal utility⁶ of consumption should, as consumption increases, equal the consumer's time value of money. If the former is lower, the consumer would be better off saving more now in order to consume more later; if the former is higher, the consumer would be better off spending more now and consuming less later. I use this principle to derive Equation (6) in the appendix, where g is the rate of growth in i 's consumption of private and public goods and σ measures a hypothetical consumer's degree of aversion to volatility in consumption.

$$r_f = g\sigma \tag{6}$$

⁶ Marginal utility is the well-being a consumer derives from the last unit of a good consumed. Here, that good is the money the customer spends on all private and public goods combined.

(6) is a risk-free discount rate, based on the assumption that customers have accurate expectations regarding inflation and earn or pay the rates of interest that they do with certainty. Poor (rich) consumers have lower (higher) consumption and tend to have higher (lower) growth in consumption, reflecting income mobility, so their time-values of money are higher (lower).

The annual rate of growth in real gross state product in New Hampshire from 1997 to 2022 was 2.16 percent.⁷ I show in the appendix that this approximates growth in consumption of private and public goods combined. With $\sigma = 3$ from Hall (1988)⁸, this gives a real time value of money of $2.16 \times 3 = 6.47\%$, a central tendency for residential customers. As of June 12, 2024, the Federal Open Market Committee's (FOMC) median projection of core inflation (excluding food and energy) declines from 2.8 percent for 2024 as a whole to 2.3 percent for 2025 and 2.0 percent for 2026.⁹ Using the figure for 2025 gives a nominal time value of money of $6.47 + 2.30 = 8.77\%$. This is somewhat higher than the Prime Rate. Since it is based on a fairly long history of data, 6.47 percent, the real time value of money for residential customers, is not expected to change rapidly.

Aggregating over forecast residential use and applying the $8.77 - 8.00 = 0.77\%$ difference in rates of interest, I calculate that customers would be paid \$5,038 in interest less than their time value of money for the expected summer overcollection. I recommend that residential customers be charged 6.47 percent, with infrequent adjustment, plus the FOMC's forecast of inflation, reported at <https://www.federalreserve.gov/monetarypolicy/fomcprojtabl20240612.htm>, for the term during which overcollections accrue interest.

⁷ <https://fred.stlouisfed.org/series/NHRGSP>, accessed September 30, 2024

⁸ Hall, R.E. (1988). Intertemporal substitution in consumption. *Journal of Political Economy*, 96(2). <https://doi.org/10.1086/261539>

⁹ <https://www.federalreserve.gov/monetarypolicy/fomcprojtabl20240612.htm>, accessed August 8, 2024.

Appendix: Residential customers' time value of money

I denote residential customers' time value of money as r_f , which is applicable to sums financed by them. Customer i 's well-being derived from consumption of economic goods is quantified with a utility function,

$$U_i(C_i) = -C_i^{1-\sigma} \quad (1)$$

where C_i is i 's consumption of private and public goods and σ measures the degree of relative risk aversion that is implicit in the utility function. The marginal utility of consumption is

$$\frac{\partial U_i}{\partial C_i} = -(1-\sigma)C_i^{-\sigma} > 0 \quad (2)$$

For a consumer to maximize the present value of current and future utility, the rate of decline in the marginal utility of consumption as consumption grows should equal the rate at which she discounts future consumption. For a discrete time illustration, let U'_t be marginal utility of consumption at Time t , then $U'_t = U'_{t+1}(1+r_f)$; if $U'_t > U'_{t+1}(1+r_f)$, the consumer can raise the discounted sum of utility over time by moving consumption from $t+1$ to t (increasing savings or decreasing borrowing at Time t), and vice versa. Therefore,

$$r_f = \frac{U'_t - U'_{t+1}}{U'_{t+1}} \quad (3)$$

Again, the rate of decline in the marginal utility of consumption as consumption grows should equal the rate at which a consumer discounts future consumption. Differentiating (2) with respect to time gives

$$\frac{d}{dt} \frac{\partial U_i}{\partial C_i} = (1-\sigma)C_i^{-\sigma} \frac{\dot{C}_i}{C_i} \sigma \quad (4)$$

and

$$\begin{aligned} \frac{\frac{d}{dt} \frac{\partial U_i}{\partial C_i}}{\frac{\partial U_i}{\partial C_i}} &= \frac{(1-\sigma)C_i^{-\sigma} \frac{\dot{C}_i}{C_i} \sigma}{-(1-\sigma)C_i^{-\sigma}} \\ &= -\frac{\dot{C}_i}{C_i} \sigma = -r_f \end{aligned} \quad (5)$$

From (3), so¹⁰

$$r_f = \frac{\dot{C}_i}{C_i} \sigma \quad (6)$$

Define $g \equiv \dot{C}_i / C_i$.

I have defined C_i as i 's consumption of both private and public goods. If the government's budget is balanced, then the rate of growth in that metric for a resident of New Hampshire equals the rate of growth in gross state product; I denote GSP as Y . Also, denote private consumption as C_p , private saving as S_p , and taxes paid, which equal government purchases of goods and services, as T .

$$C_p = \left(\sum_i C_i \right) - T.$$

All proceeds from gross state product ultimately accrue to households, and households may privately consume, save, or pay taxes using those proceeds. Therefore,

$$\begin{aligned} Y &= C_p + S_p + T \\ Y - S_p &= C_p + T \\ \dot{Y} - \dot{S}_p &= \dot{C}_p + \dot{T} \\ \frac{\dot{C}_p + \dot{T}}{C_p + T} &= \frac{\dot{Y} - \dot{S}_p}{Y - S_p} \\ \frac{\dot{C}_p + \dot{T}}{C_p + T} \frac{Y - S_p}{Y} &= \frac{\dot{Y}}{Y} - \frac{\dot{S}_p}{Y} \\ \frac{\dot{C}_p + \dot{T}}{C_p + T} &= \left(\frac{\dot{Y}}{Y} - \frac{\dot{S}_p}{Y} \right) \frac{Y}{Y - S_p} \\ \frac{\dot{C}_p + \dot{T}}{C_p + T} &= \left(\frac{\dot{Y}}{Y} - \frac{\dot{S}_p}{S_p} \frac{S_p}{Y} \right) \frac{Y}{Y - S_p} \end{aligned}$$

The savings rate in the U.S. is fairly stable, so let

$$\frac{\dot{S}_p}{S_p} = \frac{\dot{Y}}{Y}$$

¹⁰ An adjustment may be made for the effects of global warming, which raises the value of current saving, shown in Equation (29) at <https://dx.doi.org/10.2139/ssrn.3821603>.

Then

$$\frac{\dot{C}_p + \dot{T}}{C_p + T} = \frac{\dot{Y}}{Y} \left(1 - \frac{S_p}{Y} \right) \frac{Y}{Y - S_p} = \frac{\dot{Y}}{Y}$$

Growth in private and public consumption equals, or, practically speaking, approximates growth in gross state product.



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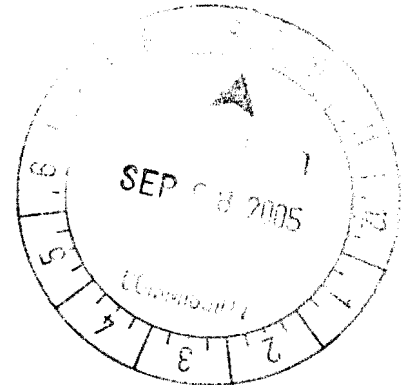
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MANCHESTER
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September 8, 2005

Debra Howland
Executive Director and Secretary
Public Utilities Commission
21 S. Fruit Street, Suite 10
Concord, NH 03301-2429

Re: DW 05-127; KeySpan Energy Delivery New England

Dear Ms. Howland:



The purpose of this letter is to inform the Commission that, after discussions with the Commission's staff and the Office of Consumer Advocate, KeySpan has agreed to make a number of minor modifications to the policies submitted with its initial petition in this proceeding. Enclosed are an original and eight copies of revised descriptions of KeySpan's proposed amended Fixed Price Option Program ("FPO") as well as its proposed amended Natural Gas Risk Management Plan ("Hedging Plan"). The changes to these documents from those originally filed are as follows.

Changes to Description of FPO

1. The premium referred to in the first line of the paragraph at the bottom of page 1 has been increased from \$.01/therm to \$.02/therm. This premium represents the difference between the rate for the FPO and the initial proposed cost of gas rate as filed with the Commission.
2. The percentage in the first line of the fourth paragraph on page 2 has been increased to 35% from 30%. This percentage refers to the portion of the portfolio that will be available for the FPO.

Debra Howland
September 8, 2005
Page 2

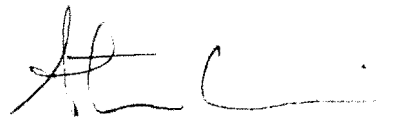
Changes to Description of Hedging Plan

1. The defined term "FPO" has been deleted from the end of the first paragraph on page 1 because the term was not used elsewhere.
2. The first sentence of the second paragraph under the heading "Guidelines" has been rewritten to reflect the fact that the purchase and injection of supplies into underground storage will not necessarily occur simultaneously.
3. Under the heading "Price and Volume Guidelines," the figure 65% has been changed to 67.5% in three places to reflect a proposed increase in the maximum percentage of the portfolio that may be hedged.

Because of the changes in these proposed policies, if the Company's witness, Ms. Ann Leary, were to testify in person before the Commission her testimony would reflect these changes rather than the policies as originally filed in this proceeding.

I am authorized to represent to the Commission that the Commission staff and Consumer Advocate support the changes reflected in the enclosed revised FPO and Hedging Plan documents.

Very truly yours,



Steven V. Camerino

SVC:cb
Enclosures

cc: Thomas P. O'Neill, Esq.
Ann E. Leary
F. Anne Ross, Esq., Consumer Advocate

EnergyNorth Natural Gas, Inc.
d/b/a KeySpan Energy Delivery New England

Natural Gas Price Risk Management Plan

INTRODUCTION

In recent years, prices in the natural gas commodity market have become some of the most volatile of all traded commodities. As a result, EnergyNorth Natural Gas, Inc. d/b/a KeySpan Energy Delivery New England (“Company”) has seen its firm cost of gas fluctuate dramatically from month-to-month and year-to-year. A substantial portion of the Company’s gas supply is priced based on market indices, (referred to as being “index priced”). In response to this market volatility, the Company has implemented and periodically updated a Natural Gas Price Risk Management Plan (the “Plan”). This statement of the Plan is intended to supersede all prior versions that have previously been adopted. The Plan uses various financial risk management tools and underground storage inventories in order to provide more price stability in the cost of gas to firm sales customers and to fix the cost of gas for participants in the Company’s Fixed Price Option Program¹.

PLAN TERM

This Plan will become effective when authorized by the Company’s Risk Management Committee and approved by the New Hampshire Public Utilities Commission.

¹ See the “EnergyNorth Natural Gas, Inc. d/b/a KeySpan Energy Delivery New England Fixed Price Option Program” approved by the New Hampshire Public Utilities Commission.

GUIDELINES

Risk Management Tools

The Company may use derivatives (swaps, call and put options) to hedge the prices for a portion of its gas supply portfolio for the period from October through May. The portions of the portfolio that it may hedge are the flowing gas supplies that are indexed priced. The derivatives used in the hedge may be either physical or financial.

The Company will also use its underground storage capacity to mitigate price volatility by purchasing gas in approximately equal monthly increments during the April to October refill season at market prices in effect at the time, and withdrawing (and, to the extent necessary, refilling) inventories during the November to April heating season in order to maintain underground storage inventories as of each month-end that are at least equal to its annual rule-curve criteria. Withdrawals of underground storage gas shall be at the weighted average cost of gas in inventory.

Price and Volume Guidelines

The Company will hedge up to 67.5% of its index-priced supplies and up to 20% of its underground storage capacity (in addition to hedging through the refill of underground storage during the period April to October).

The Company will hedge up to 67.5% of the Gulf Coast and Canadian supplies (i.e. the index-priced supplies) purchased for delivery to its firm sales customers during the winter period months of November through April and the summer period months of May and October. At a minimum the Company will hedge the winter period volumes according to the following cumulative targets: (Hedged volume can be up to 2% below target.)

- August 1 (15 months prior to the winter season) 19% of total strategy volume
- November 1 (12 months prior to the winter season) 38% of total strategy volume
- February 1 57% of total strategy volume
- May 1 76% of total strategy volume
- August 1 95% of total strategy volume

- September 1 100% of total strategy volume

Due to the timing of the purchases made in 2005, for the 2005/2006 winter period only 87% of the total strategy volume will be hedged by August 1.

The percentage of index-priced supplies that will be hedged at any time will depend on the current natural gas market price trends relative to historical prices for winter period deliveries, forward price and volatility curves, and economic forecasts. The Company will not hedge more than 67.5% of its forecasted index-based supplies for the entire winter period, and not less than 30% or more than 80% for any month of the winter period.

The Company will further hedge the cost of its underground storage supplies by entering into arrangements between May and April to fix the cost of up to 20% of the volumes to be injected into storage during the following May through October (i.e. volumes hedged in August are for injection into storage during the following May through October injection period). At a minimum the Company will hedge storage volumes according to the following cumulative targets: (Hedged volume can be up to 2% below target.)

- By August 1 25% of the hedged underground storage capacity
- By November 1 50% of the hedged underground storage capacity
- By February 1 75% of the hedged underground storage capacity
- By May 1 100% of the hedged underground storage capacity

The Company will not hedge more than 20% of its forecasted underground storage capacity injections.

Transaction Execution Guidelines

A specific strategy for hedging the cost of gas supplies will be presented and approved by the Company's Commodity Management Committee ("CMC"). The hedging strategy will incorporate the types of transactions, timing and option premium expenditures.

Upon execution of a transaction, a trade ticket will be generated and entered into the Company's risk and transaction management system. A weekly report summarizing the transactions and the status of the hedging strategy will be distributed to, and reviewed by the CMC members. The weekly report will give the status of the hedging strategy and a Mark-to-Market position as well as other risk metrics as deemed appropriate by the Risk Controller and approved by the Chief Risk Officer

REGULATORY TREATMENT

For the index-priced gas supplies, the Company will credit the Cost of Gas Adjustment (the "COG") for the amount of any premiums received from the sale of options. Additionally, premiums paid for the purchase of options and brokerage fees will be charged to the COG. These costs will be charged to the COG period for which an option was purchased and sold (i.e., options pertaining to the months of November through April will be charged to the winter period COG, and options pertaining to the months of May through October will be charged to the summer period COG).

For the underground storage supply purchases, the Company will credit such premiums received from the sale of options to the average inventory cost of the underground storage supplies. Additionally, premiums paid for the purchase of options and brokerage fees for underground storage gas will be charged to the average inventory cost of underground storage supplies. These credits and costs will be billed to firm sales customers through the COG in the period during which the underground storage gas is withdrawn from storage and delivered to customers. Any derivative settlement payables or receivables associated with the physical purchase of natural gas will be deemed to be a recoverable cost of gas for the period hedged.

POLICIES, PROCEDURES AND CONTROLS

The Company will maintain a utility Commodity Management Committee and a Risk Management Committee. The CMC will be chaired by the Risk Controller and shall include:

- Risk Controller for Commodity Risk Management Activities
- Chief Accounting Officer
- Officer responsible for Energy Transaction Management Group
- Chief Auditor
- any others appointed by the Risk Management Committee

The CMC shall:

- Provide a forum to discuss risk management issues related to Commodity Management Activities
- Recommend to the risk management Committee for approval of broad strategies for trading and hedging and other use of derivatives
- Establish market risk limits subordinate to any market risk limits established by the Risk Management Committee, as necessary, and establish and recommend the market risk limit structures such as the determination of permitted and restricted trading activities
- Review new products and activities involving trading and the recommend the corresponding approval process through direct approval from the Risk Management Committee.

The Risk Management Committee will be chaired by the Chief Risk Officer and include:

- Chief Operating Officer
- Executive Vice President and General Counsel
- Executive Vice President and Chief Financial Officer
- Executive Vice President of Strategic Services

- President of KeySpan Energy Delivery & Customer Relationship Group
- President of KeySpan Energy Assets & Supply Group
- Other officers as designated by the Chief Executive Officer.

The Risk Management Committee shall:

- Oversee the ongoing development of this Policy to ensure that appropriate risk management methodologies are applied to the Company's business activities; monitor and enforce compliance with the Policy; approve specific exceptions to this Policy.
- Approve risk management strategy proposals in support of financial and strategic plans, including consideration of risk exposure assessment, risk mitigation, monitoring, reporting and control requirements.
- Establish risk management priorities, processes and procedures to ensure that the Company's risk-taking activities are consistent with its Risk Appetite.
- As requested by the Chief Risk Officer, approve specific risk management procedures and determine how often specific risk metrics are calculated and reported; establish risk limits and other risk control mechanisms and processes.
- Approve key roles and responsibilities within the risk management framework; evaluate whether transacting and risk management personnel are appropriately skilled.
- Provide guidance on the Finance Department's and Strategic Planning & Performance Department's Enterprise Risk Management projects and priorities; periodically engage Internal Audit in an independent audit of risk control processes and procedures.
- Assess and recommend to the Resource Allocation Committee the allocation of resources necessary for the Company's risk management activities to support its business activities.

EnergyNorth Natural Gas, Inc.
d/b/a KeySpan Energy Delivery New England
Fixed Price Option Program

As an alternative to the firm sales cost of gas pricing mechanism, EnergyNorth Natural Gas, Inc. d/b/a KeySpan Energy Delivery New England ("Company") may offer firm sales customers a fixed gas price for the winter period (November through April) through its Fixed Price Option ("Program"). The Program is designed to offer price certainty to customers who desire to control their budgets. The Program will assure customers who elect to participate in the Program a consistent price for natural gas usage through the winter. It does not, however, guarantee that customers will reduce their overall gas costs.

The availability of both the firm sales cost of gas pricing mechanism and the Program provides all firm sales customers with two distinct choices:

1. A market-based price using the firm sales cost of gas pricing mechanism that includes the Company's Natural Gas Price Risk Management Policy (which is designed to mitigate the affect of volatility in market price for gas on the firm sales portfolio), or
2. A Fixed Price Option for the winter period for the cost of gas portion of the customer's bill.

The price under the Program will be calculated by adding a \$.02/therm surcharge to the Residential, Commercial/Industrial High Winter Use, and Commercial/Industrial Low winter use Cost of Gas adjustment factors as initially filed with the Commission in September of each year. The Cost of Gas adjustment factors are based, in part, on the cost of gas supplies secured by the Company under its hedging program described in the Natural Gas Price Risk Management Policy as approved by the New Hampshire Public Utilities Commission. The Company will calculate the final rate for the Fixed Price Option Program, including the premium described above, based on the cost of the entire portfolio including the hedged supplies after it calculates the Cost of Gas Adjustment Factors.

Volumes under the Program will be made available on a first-come, first-served basis. The Company will use its best efforts to notify all customers of the price at the same time through a direct mailing so that all customers will have an equal chance to participate in the Program. To participate, customers will be required to fill out and return the response card included in the mailing. Customers will be allowed to enroll during a four-week period prior to the start of the winter period, or until the Program is fully subscribed, whichever is sooner. After the pools become fully subscribed, customers will be informed through a direct mailing whether or not they are enrolled in the Program.

Customers with firm transportation agreements in effect will be precluded from participating in the Program during the term of such existing transportation service agreements and renewals.

Participating customers will not be allowed to return to the firm sales cost of gas pricing mechanism until the end of the Program term for the current winter period. Participating customers will be allowed to terminate service with the Company at any time and will not be subject to any minimum or maximum usage levels.

Under the Program, the Company will make available up to 35% of the prior year's weather normalized winter period therm sales for two pools of customers:

- 1) The first pool will consist of customers in the Residential Heating (R-3) and Residential Non Heating (R-1) sales classes; and
- 2) The second pool will consist of the following Commercial/Industrial sales classes:
 - Low Annual/High Winter Use (G-41),
 - Medium Annual/High Winter Use (G-42),
 - High Annual/High Winter Use (G-43),
 - Low Annual/Low Winter Use (G-51),
 - Medium Annual/Low Winter Use (G-52),
 - High Annual/Load Factor less than 90% (G-53),
 - High Annual/Load Factor less than 110% (G-54),
 - High Annual/Load Factor greater than 110% (G-63)

By having a separate pool for the residential and commercial/industrial classes, the Company is eliminating the possibility that the commercial/industrial customers will dominate the volumes available under the Program. Under-subscribed volumes in either pool will be made available first to the alternate pool, and then applied to the firm sales cost of gas portfolio. In the event of warmer than normal weather, the gas not needed by Program customers will be considered part of the Company's overall firm sales portfolio and used to satisfy the needs of non-Program firm sales gas customers. Similarly, if colder than normal weather requires the Company to purchase additional gas at market prices for its Program customers, such related gas costs will be included in the Company's cost of gas reconciliation for the firm sales portfolio.

Henry Hub Natural Gas Spot Price

<https://www.eia.gov/dnav/ng/hist/rngwhhdd.htm>

08:14:28 GMT-0400 (Eastern Daylight Time)

Data Source: Thomson Reuters

Day	Year	Month					Summer	Winter
1/7/1997	1997	1	9/1/1996	10/1/1996	11/1/1996	12/1/1996	0	1
1/8/1997	1997	1	9/1/1996	10/1/1996	11/1/1996	12/1/1996	0	1
1/9/1997	1997	1	9/1/1996	10/1/1996	11/1/1996	12/1/1996	0	1
1/10/1997	1997	1	9/1/1996	10/1/1996	11/1/1996	12/1/1996	0	1
1/13/1997	1997	1	9/1/1996	10/1/1996	11/1/1996	12/1/1996	0	1
1/14/1997	1997	1	9/1/1996	10/1/1996	11/1/1996	12/1/1996	0	1
1/15/1997	1997	1	9/1/1996	10/1/1996	11/1/1996	12/1/1996	0	1
1/16/1997	1997	1	9/1/1996	10/1/1996	11/1/1996	12/1/1996	0	1
1/17/1997	1997	1	9/1/1996	10/1/1996	11/1/1996	12/1/1996	0	1
1/20/1997	1997	1	9/1/1996	10/1/1996	11/1/1996	12/1/1996	0	1
1/21/1997	1997	1	9/1/1996	10/1/1996	11/1/1996	12/1/1996	0	1
1/22/1997	1997	1	9/1/1996	10/1/1996	11/1/1996	12/1/1996	0	1
1/23/1997	1997	1	9/1/1996	10/1/1996	11/1/1996	12/1/1996	0	1
1/24/1997	1997	1	9/1/1996	10/1/1996	11/1/1996	12/1/1996	0	1
1/27/1997	1997	1	9/1/1996	10/1/1996	11/1/1996	12/1/1996	0	1
1/28/1997	1997	1	9/1/1996	10/1/1996	11/1/1996	12/1/1996	0	1
1/29/1997	1997	1	9/1/1996	10/1/1996	11/1/1996	12/1/1996	0	1
1/30/1997	1997	1	9/1/1996	10/1/1996	11/1/1996	12/1/1996	0	1
1/31/1997	1997	1	9/1/1996	10/1/1996	11/1/1996	12/1/1996	0	1
2/3/1997	1997	2	10/1/1996	11/1/1996	12/1/1996	1/1/1997	0	1
2/4/1997	1997	2	10/1/1996	11/1/1996	12/1/1996	1/1/1997	0	1
2/5/1997	1997	2	10/1/1996	11/1/1996	12/1/1996	1/1/1997	0	1
2/6/1997	1997	2	10/1/1996	11/1/1996	12/1/1996	1/1/1997	0	1
2/7/1997	1997	2	10/1/1996	11/1/1996	12/1/1996	1/1/1997	0	1
2/10/1997	1997	2	10/1/1996	11/1/1996	12/1/1996	1/1/1997	0	1
2/11/1997	1997	2	10/1/1996	11/1/1996	12/1/1996	1/1/1997	0	1
2/12/1997	1997	2	10/1/1996	11/1/1996	12/1/1996	1/1/1997	0	1
2/13/1997	1997	2	10/1/1996	11/1/1996	12/1/1996	1/1/1997	0	1
2/14/1997	1997	2	10/1/1996	11/1/1996	12/1/1996	1/1/1997	0	1
2/18/1997	1997	2	10/1/1996	11/1/1996	12/1/1996	1/1/1997	0	1
2/19/1997	1997	2	10/1/1996	11/1/1996	12/1/1996	1/1/1997	0	1
2/20/1997	1997	2	10/1/1996	11/1/1996	12/1/1996	1/1/1997	0	1
2/21/1997	1997	2	10/1/1996	11/1/1996	12/1/1996	1/1/1997	0	1
2/24/1997	1997	2	10/1/1996	11/1/1996	12/1/1996	1/1/1997	0	1
2/25/1997	1997	2	10/1/1996	11/1/1996	12/1/1996	1/1/1997	0	1
2/26/1997	1997	2	10/1/1996	11/1/1996	12/1/1996	1/1/1997	0	1
2/27/1997	1997	2	10/1/1996	11/1/1996	12/1/1996	1/1/1997	0	1
2/28/1997	1997	2	10/1/1996	11/1/1996	12/1/1996	1/1/1997	0	1
3/3/1997	1997	3	11/1/1996	12/1/1996	1/1/1997	2/1/1997	0	1

6/28/2024	2024	6	2/1/2024	3/1/2024	4/1/2024	5/1/2024	1	0
7/1/2024	2024	7	3/1/2024	4/1/2024	5/1/2024	6/1/2024	1	0
7/2/2024	2024	7	3/1/2024	4/1/2024	5/1/2024	6/1/2024	1	0
7/3/2024	2024	7	3/1/2024	4/1/2024	5/1/2024	6/1/2024	1	0
7/5/2024	2024	7	3/1/2024	4/1/2024	5/1/2024	6/1/2024	1	0
7/8/2024	2024	7	3/1/2024	4/1/2024	5/1/2024	6/1/2024	1	0
7/9/2024	2024	7	3/1/2024	4/1/2024	5/1/2024	6/1/2024	1	0
7/10/2024	2024	7	3/1/2024	4/1/2024	5/1/2024	6/1/2024	1	0
7/11/2024	2024	7	3/1/2024	4/1/2024	5/1/2024	6/1/2024	1	0
7/12/2024	2024	7	3/1/2024	4/1/2024	5/1/2024	6/1/2024	1	0
7/15/2024	2024	7	3/1/2024	4/1/2024	5/1/2024	6/1/2024	1	0
7/16/2024	2024	7	3/1/2024	4/1/2024	5/1/2024	6/1/2024	1	0
7/17/2024	2024	7	3/1/2024	4/1/2024	5/1/2024	6/1/2024	1	0
7/18/2024	2024	7	3/1/2024	4/1/2024	5/1/2024	6/1/2024	1	0
7/19/2024	2024	7	3/1/2024	4/1/2024	5/1/2024	6/1/2024	1	0
7/22/2024	2024	7	3/1/2024	4/1/2024	5/1/2024	6/1/2024	1	0
7/23/2024	2024	7	3/1/2024	4/1/2024	5/1/2024	6/1/2024	1	0
7/24/2024	2024	7	3/1/2024	4/1/2024	5/1/2024	6/1/2024	1	0
7/25/2024	2024	7	3/1/2024	4/1/2024	5/1/2024	6/1/2024	1	0
7/26/2024	2024	7	3/1/2024	4/1/2024	5/1/2024	6/1/2024	1	0
7/29/2024	2024	7	3/1/2024	4/1/2024	5/1/2024	6/1/2024	1	0
7/30/2024	2024	7	3/1/2024	4/1/2024	5/1/2024	6/1/2024	1	0
7/31/2024	2024	7	3/1/2024	4/1/2024	5/1/2024	6/1/2024	1	0
8/1/2024	2024	8	4/1/2024	5/1/2024	6/1/2024	7/1/2024	1	0
8/2/2024	2024	8	4/1/2024	5/1/2024	6/1/2024	7/1/2024	1	0
8/5/2024	2024	8	4/1/2024	5/1/2024	6/1/2024	7/1/2024	1	0
8/6/2024	2024	8	4/1/2024	5/1/2024	6/1/2024	7/1/2024	1	0
8/7/2024	2024	8	4/1/2024	5/1/2024	6/1/2024	7/1/2024	1	0
8/8/2024	2024	8	4/1/2024	5/1/2024	6/1/2024	7/1/2024	1	0
8/9/2024	2024	8	4/1/2024	5/1/2024	6/1/2024	7/1/2024	1	0
8/12/2024	2024	8	4/1/2024	5/1/2024	6/1/2024	7/1/2024	1	0
8/13/2024	2024	8	4/1/2024	5/1/2024	6/1/2024	7/1/2024	1	0

<https://www.e> accessed August 20, 2024

Futures for delivery in month in which "Day" falls

Henry Hub Natural Gas	2024 \$	Four months	Three months	Two months	One month
3.82	7.51	4.52	5.06	5.63	7.17
3.8	7.47	4.52	5.06	5.63	7.17
3.61	7.10	4.52	5.06	5.63	7.17
3.92	7.71	4.52	5.06	5.63	7.17
4	7.87	4.52	5.06	5.63	7.17
4.01	7.89	4.52	5.06	5.63	7.17
4.34	8.54	4.52	5.06	5.63	7.17
4.71	9.26	4.52	5.06	5.63	7.17
3.91	7.69	4.52	5.06	5.63	7.17
3.26	6.41	4.52	5.06	5.63	7.17
2.99	5.88	4.52	5.06	5.63	7.17
3.05	6.00	4.52	5.06	5.63	7.17
2.96	5.82	4.52	5.06	5.63	7.17
2.62	5.15	4.52	5.06	5.63	7.17
2.98	5.86	4.52	5.06	5.63	7.17
3.05	6.00	4.52	5.06	5.63	7.17
2.91	5.72	4.52	5.06	5.63	7.17
2.86	5.63	4.52	5.06	5.63	7.17
2.77	5.45	4.52	5.06	5.63	7.17
2.49	4.89	4.78	5.05	6.40	6.02
2.59	5.08	4.78	5.05	6.40	6.02
2.65	5.20	4.78	5.05	6.40	6.02
2.51	4.93	4.78	5.05	6.40	6.02
2.39	4.69	4.78	5.05	6.40	6.02
2.42	4.75	4.78	5.05	6.40	6.02
2.34	4.59	4.78	5.05	6.40	6.02
2.42	4.75	4.78	5.05	6.40	6.02
2.22	4.36	4.78	5.05	6.40	6.02
2.12	4.16	4.78	5.05	6.40	6.02
1.84	3.61	4.78	5.05	6.40	6.02
1.95	3.83	4.78	5.05	6.40	6.02
1.92	3.77	4.78	5.05	6.40	6.02
1.92	3.77	4.78	5.05	6.40	6.02
1.92	3.77	4.78	5.05	6.40	6.02
1.77	3.47	4.78	5.05	6.40	6.02
1.81	3.55	4.78	5.05	6.40	6.02
1.8	3.53	4.78	5.05	6.40	6.02
1.78	3.49	4.78	5.05	6.40	6.02
1.8	3.53	4.55	5.53	5.35	4.05

1.87	3.67	4.55	5.53	5.35	4.05
1.92	3.77	4.55	5.53	5.35	4.05
1.82	3.57	4.55	5.53	5.35	4.05
1.89	3.71	4.55	5.53	5.35	4.05
1.95	3.83	4.55	5.53	5.35	4.05
1.92	3.77	4.55	5.53	5.35	4.05
1.96	3.85	4.55	5.53	5.35	4.05
1.98	3.88	4.55	5.53	5.35	4.05
1.97	3.87	4.55	5.53	5.35	4.05
2.01	3.94	4.55	5.53	5.35	4.05
1.91	3.75	4.55	5.53	5.35	4.05
1.88	3.69	4.55	5.53	5.35	4.05
1.88	3.69	4.55	5.53	5.35	4.05
1.87	3.67	4.55	5.53	5.35	4.05
1.8	3.53	4.55	5.53	5.35	4.05
1.85	3.63	4.55	5.53	5.35	4.05
1.85	3.63	4.55	5.53	5.35	4.05
1.84	3.61	4.55	5.53	5.35	4.05
1.84	3.61	4.55	5.53	5.35	4.05
1.95	3.82	4.74	4.69	3.95	3.72
1.85	3.63	4.74	4.69	3.95	3.72
1.87	3.67	4.74	4.69	3.95	3.72
1.91	3.75	4.74	4.69	3.95	3.72
1.99	3.90	4.74	4.69	3.95	3.72
2.01	3.94	4.74	4.69	3.95	3.72
1.96	3.84	4.74	4.69	3.95	3.72
1.97	3.86	4.74	4.69	3.95	3.72
1.98	3.88	4.74	4.69	3.95	3.72
2	3.92	4.74	4.69	3.95	3.72
2	3.92	4.74	4.69	3.95	3.72
2.02	3.96	4.74	4.69	3.95	3.72
2.08	4.08	4.74	4.69	3.95	3.72
2.1	4.12	4.74	4.69	3.95	3.72
2.09	4.10	4.74	4.69	3.95	3.72
2.1	4.12	4.74	4.69	3.95	3.72
2.22	4.35	4.74	4.69	3.95	3.72
2.11	4.14	4.74	4.69	3.95	3.72
2.16	4.24	4.74	4.69	3.95	3.72
2.1	4.12	4.74	4.69	3.95	3.72
2.09	4.10	4.74	4.69	3.95	3.72
2.16	4.24	4.74	4.69	3.95	3.72
2.19	4.29	4.37	3.91	3.83	3.93
2.21	4.33	4.37	3.91	3.83	3.93
2.23	4.37	4.37	3.91	3.83	3.93

2.25	4.41	4.37	3.91	3.83	3.93
2.34	4.59	4.37	3.91	3.83	3.93
2.33	4.57	4.37	3.91	3.83	3.93
2.3	4.51	4.37	3.91	3.83	3.93
2.27	4.45	4.37	3.91	3.83	3.93
2.18	4.27	4.37	3.91	3.83	3.93
2.22	4.35	4.37	3.91	3.83	3.93
2.25	4.41	4.37	3.91	3.83	3.93
2.19	4.29	4.37	3.91	3.83	3.93
2.25	4.41	4.37	3.91	3.83	3.93
2.22	4.35	4.37	3.91	3.83	3.93
2.21	4.33	4.37	3.91	3.83	3.93
2.22	4.35	4.37	3.91	3.83	3.93
2.2	4.31	4.37	3.91	3.83	3.93
2.29	4.49	4.37	3.91	3.83	3.93
2.34	4.59	4.37	3.91	3.83	3.93
2.29	4.49	4.37	3.91	3.83	3.93
2.23	4.37	4.37	3.91	3.83	3.93
2.2	4.31	3.91	3.87	4.02	4.41
2.11	4.13	3.91	3.87	4.02	4.41
2.19	4.29	3.91	3.87	4.02	4.41
2.18	4.27	3.91	3.87	4.02	4.41
2.19	4.29	3.91	3.87	4.02	4.41
2.19	4.29	3.91	3.87	4.02	4.41
2.16	4.23	3.91	3.87	4.02	4.41
2.16	4.23	3.91	3.87	4.02	4.41
2.14	4.19	3.91	3.87	4.02	4.41
2.15	4.21	3.91	3.87	4.02	4.41
2.2	4.31	3.91	3.87	4.02	4.41
2.2	4.31	3.91	3.87	4.02	4.41
2.22	4.34	3.91	3.87	4.02	4.41
2.23	4.36	3.91	3.87	4.02	4.41
2.25	4.40	3.91	3.87	4.02	4.41
2.29	4.48	3.91	3.87	4.02	4.41
2.32	4.54	3.91	3.87	4.02	4.41
2.32	4.54	3.91	3.87	4.02	4.41
2.23	4.36	3.91	3.87	4.02	4.41
2.17	4.25	3.91	3.87	4.02	4.41
2.17	4.25	3.91	3.87	4.02	4.41
2.16	4.22	3.89	4.05	4.43	4.23
2.14	4.18	3.89	4.05	4.43	4.23
2.11	4.12	3.89	4.05	4.43	4.23
2.13	4.16	3.89	4.05	4.43	4.23
2.13	4.16	3.89	4.05	4.43	4.23

2.16	4.22	3.89	4.05	4.43	4.23
2.15	4.20	3.89	4.05	4.43	4.23
2.16	4.22	3.89	4.05	4.43	4.23
2.18	4.26	3.89	4.05	4.43	4.23
2.21	4.32	3.89	4.05	4.43	4.23
2.24	4.38	3.89	4.05	4.43	4.23
2.29	4.48	3.89	4.05	4.43	4.23
2.26	4.42	3.89	4.05	4.43	4.23
2.17	4.24	3.89	4.05	4.43	4.23
2.18	4.26	3.89	4.05	4.43	4.23
2.2	4.30	3.89	4.05	4.43	4.23
2.24	4.38	3.89	4.05	4.43	4.23
2.22	4.34	3.89	4.05	4.43	4.23
2.19	4.28	3.89	4.05	4.43	4.23
2.23	4.36	3.89	4.05	4.43	4.23
2.19	4.28	3.89	4.05	4.43	4.23
2.23	4.36	3.89	4.05	4.43	4.23
2.24	4.37	4.06	4.41	4.23	4.16
2.26	4.41	4.06	4.41	4.23	4.16
2.33	4.54	4.06	4.41	4.23	4.16
2.38	4.64	4.06	4.41	4.23	4.16
2.5	4.87	4.06	4.41	4.23	4.16
2.38	4.64	4.06	4.41	4.23	4.16
2.53	4.93	4.06	4.41	4.23	4.16
2.56	4.99	4.06	4.41	4.23	4.16
2.45	4.78	4.06	4.41	4.23	4.16
2.57	5.01	4.06	4.41	4.23	4.16
2.53	4.93	4.06	4.41	4.23	4.16
2.56	4.99	4.06	4.41	4.23	4.16
2.61	5.09	4.06	4.41	4.23	4.16
2.62	5.11	4.06	4.41	4.23	4.16
2.45	4.78	4.06	4.41	4.23	4.16
2.47	4.82	4.06	4.41	4.23	4.16
2.53	4.93	4.06	4.41	4.23	4.16
2.58	5.03	4.06	4.41	4.23	4.16
2.51	4.89	4.06	4.41	4.23	4.16
2.57	5.01	4.06	4.41	4.23	4.16
2.69	5.25	4.06	4.41	4.23	4.16
2.82	5.48	4.37	4.22	4.12	4.79
2.86	5.56	4.37	4.22	4.12	4.79
2.73	5.31	4.37	4.22	4.12	4.79
2.67	5.19	4.37	4.22	4.12	4.79
2.67	5.19	4.37	4.22	4.12	4.79
2.74	5.33	4.37	4.22	4.12	4.79

2.74	5.33	4.37	4.22	4.12	4.79
2.78	5.41	4.37	4.22	4.12	4.79
2.86	5.56	4.37	4.22	4.12	4.79
2.88	5.60	4.37	4.22	4.12	4.79
2.83	5.50	4.37	4.22	4.12	4.79
2.75	5.35	4.37	4.22	4.12	4.79
2.84	5.52	4.37	4.22	4.12	4.79
2.94	5.72	4.37	4.22	4.12	4.79
2.98	5.80	4.37	4.22	4.12	4.79
3.09	6.01	4.37	4.22	4.12	4.79
3.03	5.89	4.37	4.22	4.12	4.79
3.05	5.93	4.37	4.22	4.12	4.79
3.24	6.30	4.37	4.22	4.12	4.79
3.09	6.01	4.37	4.22	4.12	4.79
2.96	5.76	4.37	4.22	4.12	4.79
3.08	5.98	4.26	4.16	4.82	5.58
2.97	5.77	4.26	4.16	4.82	5.58
2.91	5.65	4.26	4.16	4.82	5.58
2.96	5.75	4.26	4.16	4.82	5.58
2.81	5.46	4.26	4.16	4.82	5.58
2.8	5.44	4.26	4.16	4.82	5.58
2.8	5.44	4.26	4.16	4.82	5.58
2.78	5.40	4.26	4.16	4.82	5.58
2.87	5.57	4.26	4.16	4.82	5.58
2.84	5.51	4.26	4.16	4.82	5.58
2.84	5.51	4.26	4.16	4.82	5.58
2.94	5.71	4.26	4.16	4.82	5.58
2.97	5.77	4.26	4.16	4.82	5.58
3.05	5.92	4.26	4.16	4.82	5.58
3.13	6.08	4.26	4.16	4.82	5.58
3.24	6.29	4.26	4.16	4.82	5.58
3.34	6.48	4.26	4.16	4.82	5.58
3.29	6.39	4.26	4.16	4.82	5.58
3.46	6.72	4.26	4.16	4.82	5.58
3.61	7.01	4.26	4.16	4.82	5.58
3.45	6.70	4.26	4.16	4.82	5.58
3.34	6.48	4.26	4.16	4.82	5.58
3.22	6.25	4.26	4.16	4.82	5.58
3.23	6.26	4.41	5.02	5.76	6.29
3.15	6.11	4.41	5.02	5.76	6.29
3.18	6.17	4.41	5.02	5.76	6.29
3.2	6.20	4.41	5.02	5.76	6.29
3.05	5.91	4.41	5.02	5.76	6.29
3.2	6.20	4.41	5.02	5.76	6.29

3.26	6.32	4.41	5.02	5.76	6.29
3.28	6.36	4.41	5.02	5.76	6.29
3.27	6.34	4.41	5.02	5.76	6.29
3.25	6.30	4.41	5.02	5.76	6.29
3.1	6.01	4.41	5.02	5.76	6.29
3	5.82	4.41	5.02	5.76	6.29
2.97	5.76	4.41	5.02	5.76	6.29
2.77	5.37	4.41	5.02	5.76	6.29
2.59	5.02	4.41	5.02	5.76	6.29
2.63	5.10	4.41	5.02	5.76	6.29
2.51	4.87	4.41	5.02	5.76	6.29
2.5	4.85	4.41	5.02	5.76	6.29
2.52	4.88	5.21	5.90	6.44	5.99
2.61	5.06	5.21	5.90	6.44	5.99
2.53	4.90	5.21	5.90	6.44	5.99
2.48	4.81	5.21	5.90	6.44	5.99
2.42	4.69	5.21	5.90	6.44	5.99
2.3	4.46	5.21	5.90	6.44	5.99
2.35	4.55	5.21	5.90	6.44	5.99
2.45	4.75	5.21	5.90	6.44	5.99
2.3	4.46	5.21	5.90	6.44	5.99
2.3	4.46	5.21	5.90	6.44	5.99
2.25	4.36	5.21	5.90	6.44	5.99
2.29	4.44	5.21	5.90	6.44	5.99
2.38	4.61	5.21	5.90	6.44	5.99
2.37	4.59	5.21	5.90	6.44	5.99
2.39	4.63	5.21	5.90	6.44	5.99
2.36	4.57	5.21	5.90	6.44	5.99
2.24	4.34	5.21	5.90	6.44	5.99
2.06	3.99	5.21	5.90	6.44	5.99
2.18	4.22	5.21	5.90	6.44	5.99
2.33	4.52	5.21	5.90	6.44	5.99
2.27	4.40	5.21	5.90	6.44	5.99
2.27	4.40	5.21	5.90	6.44	5.99
2.16	4.18	5.80	6.26	5.96	4.66
2.05	3.97	5.80	6.26	5.96	4.66
2.16	4.18	5.80	6.26	5.96	4.66
2.13	4.12	5.80	6.26	5.96	4.66
2.11	4.08	5.80	6.26	5.96	4.66
2.09	4.04	5.80	6.26	5.96	4.66
2.01	3.89	5.80	6.26	5.96	4.66
2.03	3.93	5.80	6.26	5.96	4.66
2.05	3.97	5.80	6.26	5.96	4.66
2.07	4.01	5.80	6.26	5.96	4.66

2.11	4.08	5.80	6.26	5.96	4.66
2.12	4.10	5.80	6.26	5.96	4.66
2.09	4.04	5.80	6.26	5.96	4.66
2.1	4.06	5.80	6.26	5.96	4.66
2.14	4.14	5.80	6.26	5.96	4.66
2.09	4.04	5.80	6.26	5.96	4.66
2.06	3.99	5.80	6.26	5.96	4.66
2.09	4.04	5.80	6.26	5.96	4.66
2.07	4.01	5.80	6.26	5.96	4.66
2.09	4.04	5.80	6.26	5.96	4.66
2.23	4.32	5.56	5.43	4.57	4.07
2.27	4.39	5.56	5.43	4.57	4.07
2.23	4.32	5.56	5.43	4.57	4.07
2.31	4.47	5.56	5.43	4.57	4.07
2.35	4.55	5.56	5.43	4.57	4.07
2.25	4.35	5.56	5.43	4.57	4.07
2.18	4.22	5.56	5.43	4.57	4.07
2.21	4.28	5.56	5.43	4.57	4.07
2.2	4.26	5.56	5.43	4.57	4.07
2.22	4.30	5.56	5.43	4.57	4.07
2.18	4.22	5.56	5.43	4.57	4.07
2.19	4.24	5.56	5.43	4.57	4.07
2.22	4.30	5.56	5.43	4.57	4.07
2.2	4.26	5.56	5.43	4.57	4.07
2.2	4.26	5.56	5.43	4.57	4.07
2.19	4.24	5.56	5.43	4.57	4.07
2.21	4.28	5.56	5.43	4.57	4.07
2.28	4.41	5.56	5.43	4.57	4.07
2.23	4.32	5.56	5.43	4.57	4.07
2.26	4.37	4.90	4.43	4.07	4.38
2.24	4.34	4.90	4.43	4.07	4.38
2.19	4.24	4.90	4.43	4.07	4.38
2.12	4.10	4.90	4.43	4.07	4.38
2.1	4.06	4.90	4.43	4.07	4.38
2.17	4.20	4.90	4.43	4.07	4.38
2.25	4.35	4.90	4.43	4.07	4.38
2.25	4.35	4.90	4.43	4.07	4.38
2.23	4.32	4.90	4.43	4.07	4.38
2.21	4.28	4.90	4.43	4.07	4.38
2.2	4.26	4.90	4.43	4.07	4.38
2.2	4.26	4.90	4.43	4.07	4.38
2.21	4.28	4.90	4.43	4.07	4.38
2.25	4.35	4.90	4.43	4.07	4.38
2.28	4.41	4.90	4.43	4.07	4.38

2.33	4.51	4.90	4.43	4.07	4.38
2.29	4.43	4.90	4.43	4.07	4.38
2.33	4.51	4.90	4.43	4.07	4.38
2.29	4.43	4.90	4.43	4.07	4.38
2.26	4.37	4.90	4.43	4.07	4.38
2.32	4.49	4.90	4.43	4.07	4.38
2.34	4.53	4.90	4.43	4.07	4.38
2.45	4.74	4.26	4.08	4.43	4.36
2.43	4.70	4.26	4.08	4.43	4.36
2.51	4.85	4.26	4.08	4.43	4.36
2.51	4.85	4.26	4.08	4.43	4.36
2.51	4.85	4.26	4.08	4.43	4.36
2.65	5.12	4.26	4.08	4.43	4.36
2.61	5.05	4.26	4.08	4.43	4.36
2.52	4.87	4.26	4.08	4.43	4.36
2.42	4.68	4.26	4.08	4.43	4.36
2.48	4.79	4.26	4.08	4.43	4.36
2.48	4.79	4.26	4.08	4.43	4.36
2.4	4.64	4.26	4.08	4.43	4.36
2.4	4.64	4.26	4.08	4.43	4.36
2.46	4.76	4.26	4.08	4.43	4.36
2.46	4.76	4.26	4.08	4.43	4.36
2.35	4.54	4.26	4.08	4.43	4.36
2.31	4.47	4.26	4.08	4.43	4.36
2.29	4.43	4.26	4.08	4.43	4.36
2.27	4.39	4.26	4.08	4.43	4.36
2.29	4.43	4.26	4.08	4.43	4.36
2.18	4.21	4.26	4.08	4.43	4.36
2.11	4.07	4.10	4.46	4.41	4.75
2.1	4.05	4.10	4.46	4.41	4.75
2.19	4.22	4.10	4.46	4.41	4.75
2.12	4.09	4.10	4.46	4.41	4.75
2.16	4.17	4.10	4.46	4.41	4.75
2.11	4.07	4.10	4.46	4.41	4.75
2.19	4.22	4.10	4.46	4.41	4.75
2.23	4.30	4.10	4.46	4.41	4.75
2.24	4.32	4.10	4.46	4.41	4.75
2.18	4.20	4.10	4.46	4.41	4.75
2.18	4.20	4.10	4.46	4.41	4.75
2.19	4.22	4.10	4.46	4.41	4.75
2.17	4.18	4.10	4.46	4.41	4.75
2.18	4.20	4.10	4.46	4.41	4.75
2.11	4.07	4.10	4.46	4.41	4.75
2.02	3.90	4.10	4.46	4.41	4.75

2.1	4.05	4.10	4.46	4.41	4.75
2.1	4.05	4.10	4.46	4.41	4.75
2.04	3.93	4.10	4.46	4.41	4.75
2.1	4.05	4.10	4.46	4.41	4.75
2.1	4.04	4.48	4.45	4.82	4.16
2.2	4.24	4.48	4.45	4.82	4.16
2.13	4.10	4.48	4.45	4.82	4.16
2.04	3.93	4.48	4.45	4.82	4.16
2.01	3.87	4.48	4.45	4.82	4.16
2	3.85	4.48	4.45	4.82	4.16
2.01	3.87	4.48	4.45	4.82	4.16
1.98	3.81	4.48	4.45	4.82	4.16
1.99	3.83	4.48	4.45	4.82	4.16
2.01	3.87	4.48	4.45	4.82	4.16
2.08	4.01	4.48	4.45	4.82	4.16
2.1	4.04	4.48	4.45	4.82	4.16
2.05	3.95	4.48	4.45	4.82	4.16
2.14	4.12	4.48	4.45	4.82	4.16
2.2	4.24	4.48	4.45	4.82	4.16
2.35	4.53	4.48	4.45	4.82	4.16
2.35	4.53	4.48	4.45	4.82	4.16
2.4	4.62	4.48	4.45	4.82	4.16
2.39	4.60	4.48	4.45	4.82	4.16
2.4	4.62	4.48	4.45	4.82	4.16
2.36	4.55	4.48	4.45	4.82	4.16
2.39	4.60	4.48	4.45	4.82	4.16
2.46	4.73	4.48	4.85	4.23	4.17
2.36	4.53	4.48	4.85	4.23	4.17
2.38	4.57	4.48	4.85	4.23	4.17
2.35	4.51	4.48	4.85	4.23	4.17
2.39	4.59	4.48	4.85	4.23	4.17
2.38	4.57	4.48	4.85	4.23	4.17
2.32	4.46	4.48	4.85	4.23	4.17
2.3	4.42	4.48	4.85	4.23	4.17
2.23	4.28	4.48	4.85	4.23	4.17
2.21	4.25	4.48	4.85	4.23	4.17
2.15	4.13	4.48	4.85	4.23	4.17
2.15	4.13	4.48	4.85	4.23	4.17
2.18	4.19	4.48	4.85	4.23	4.17
2.09	4.02	4.48	4.85	4.23	4.17
2	3.84	4.48	4.85	4.23	4.17
2	3.84	4.48	4.85	4.23	4.17
1.97	3.78	4.48	4.85	4.23	4.17
2	3.84	4.48	4.85	4.23	4.17

1.97	3.78	4.48	4.85	4.23	4.17
1.99	3.82	4.48	4.85	4.23	4.17
1.95	3.75	4.48	4.85	4.23	4.17
1.85	3.55	4.48	4.85	4.23	4.17
1.84	3.53	4.86	4.32	4.23	4.12
1.9	3.65	4.86	4.32	4.23	4.12
1.91	3.66	4.86	4.32	4.23	4.12
1.85	3.55	4.86	4.32	4.23	4.12
1.82	3.49	4.86	4.32	4.23	4.12
1.87	3.59	4.86	4.32	4.23	4.12
1.87	3.59	4.86	4.32	4.23	4.12
1.85	3.55	4.86	4.32	4.23	4.12
1.83	3.51	4.86	4.32	4.23	4.12
1.83	3.51	4.86	4.32	4.23	4.12
1.93	3.70	4.86	4.32	4.23	4.12
1.94	3.72	4.86	4.32	4.23	4.12
1.96	3.76	4.86	4.32	4.23	4.12
1.9	3.65	4.86	4.32	4.23	4.12
1.93	3.70	4.86	4.32	4.23	4.12
1.9	3.65	4.86	4.32	4.23	4.12
1.89	3.63	4.86	4.32	4.23	4.12
1.83	3.51	4.86	4.32	4.23	4.12
1.76	3.38	4.86	4.32	4.23	4.12
1.66	3.19	4.86	4.32	4.23	4.12
1.61	3.09	4.86	4.32	4.23	4.12
1.84	3.53	4.39	4.28	4.15	3.56
1.72	3.30	4.39	4.28	4.15	3.56
1.71	3.28	4.39	4.28	4.15	3.56
1.71	3.28	4.39	4.28	4.15	3.56
1.81	3.47	4.39	4.28	4.15	3.56
1.78	3.41	4.39	4.28	4.15	3.56
1.88	3.61	4.39	4.28	4.15	3.56
1.86	3.57	4.39	4.28	4.15	3.56
1.86	3.57	4.39	4.28	4.15	3.56
1.94	3.72	4.39	4.28	4.15	3.56
2.15	4.12	4.39	4.28	4.15	3.56
2.12	4.07	4.39	4.28	4.15	3.56
2.27	4.35	4.39	4.28	4.15	3.56
2.18	4.18	4.39	4.28	4.15	3.56
2.29	4.39	4.39	4.28	4.15	3.56
2.19	4.20	4.39	4.28	4.15	3.56
2.17	4.16	4.39	4.28	4.15	3.56
2.38	4.56	4.39	4.28	4.15	3.56
2.23	4.28	4.39	4.28	4.15	3.56

2.06	3.95	4.39	4.28	4.15	3.56
2.22	4.26	4.39	4.28	4.15	3.56
2.33	4.46	4.38	4.25	3.66	3.90
2.14	4.09	4.38	4.25	3.66	3.90
2.09	4.00	4.38	4.25	3.66	3.90
2.01	3.85	4.38	4.25	3.66	3.90
2.05	3.92	4.38	4.25	3.66	3.90
2.02	3.86	4.38	4.25	3.66	3.90
1.8	3.44	4.38	4.25	3.66	3.90
1.75	3.35	4.38	4.25	3.66	3.90
1.7	3.25	4.38	4.25	3.66	3.90
1.8	3.44	4.38	4.25	3.66	3.90
1.75	3.35	4.38	4.25	3.66	3.90
1.64	3.14	4.38	4.25	3.66	3.90
1.74	3.33	4.38	4.25	3.66	3.90
1.95	3.73	4.38	4.25	3.66	3.90
2.04	3.90	4.38	4.25	3.66	3.90
1.95	3.73	4.38	4.25	3.66	3.90
1.84	3.52	4.38	4.25	3.66	3.90
1.92	3.67	4.38	4.25	3.66	3.90
1.85	3.54	4.38	4.25	3.66	3.90
1.7	3.25	4.38	4.25	3.66	3.90
2	3.83	4.38	4.25	3.66	3.90
2	3.83	4.38	4.25	3.66	3.90
1.84	3.52	4.64	4.14	4.35	4.20
2.1	4.01	4.64	4.14	4.35	4.20
2.11	4.03	4.64	4.14	4.35	4.20
2.26	4.32	4.64	4.14	4.35	4.20
2.25	4.30	4.64	4.14	4.35	4.20
2.28	4.36	4.64	4.14	4.35	4.20
2.3	4.39	4.64	4.14	4.35	4.20
2.33	4.45	4.64	4.14	4.35	4.20
2.21	4.22	4.64	4.14	4.35	4.20
2.21	4.22	4.64	4.14	4.35	4.20
2.19	4.18	4.64	4.14	4.35	4.20
2.12	4.05	4.64	4.14	4.35	4.20
2.1	4.01	4.64	4.14	4.35	4.20
2.1	4.01	4.64	4.14	4.35	4.20
2.07	3.95	4.64	4.14	4.35	4.20
2.02	3.86	4.64	4.14	4.35	4.20
2.08	3.97	4.64	4.14	4.35	4.20
2.13	4.07	4.64	4.14	4.35	4.20
1.63	3.11	4.64	4.14	4.35	4.20
1.41	2.69	4.61	4.73	4.67	4.43

1.4	2.67	4.61	4.73	4.67	4.43
1.21	2.31	4.61	4.73	4.67	4.43
1.05	2.00	4.61	4.73	4.67	4.43
1.44	2.75	4.61	4.73	4.67	4.43
1.79	3.41	4.61	4.73	4.67	4.43
1.64	3.13	4.61	4.73	4.67	4.43
1.59	3.03	4.61	4.73	4.67	4.43
1.55	2.96	4.61	4.73	4.67	4.43
1.8	3.43	4.61	4.73	4.67	4.43
1.86	3.55	4.61	4.73	4.67	4.43
1.95	3.72	4.61	4.73	4.67	4.43
2.02	3.85	4.61	4.73	4.67	4.43
2.02	3.85	4.61	4.73	4.67	4.43
2.05	3.91	4.61	4.73	4.67	4.43
1.96	3.74	4.61	4.73	4.67	4.43
1.88	3.59	4.61	4.73	4.67	4.43
1.89	3.60	4.61	4.73	4.67	4.43
1.79	3.41	4.61	4.73	4.67	4.43
1.82	3.47	4.61	4.73	4.67	4.43
1.81	3.45	4.61	4.73	4.67	4.43
1.95	3.72	4.61	4.73	4.67	4.43
2.1	4.00	4.83	4.85	4.64	3.67
2.05	3.90	4.83	4.85	4.64	3.67
2.04	3.88	4.83	4.85	4.64	3.67
1.91	3.64	4.83	4.85	4.64	3.67
1.9	3.62	4.83	4.85	4.64	3.67
1.83	3.48	4.83	4.85	4.64	3.67
1.82	3.46	4.83	4.85	4.64	3.67
1.87	3.56	4.83	4.85	4.64	3.67
1.77	3.37	4.83	4.85	4.64	3.67
1.78	3.39	4.83	4.85	4.64	3.67
1.77	3.37	4.83	4.85	4.64	3.67
1.81	3.45	4.83	4.85	4.64	3.67
1.85	3.52	4.83	4.85	4.64	3.67
1.82	3.46	4.83	4.85	4.64	3.67
1.76	3.35	4.83	4.85	4.64	3.67
1.73	3.29	4.83	4.85	4.64	3.67
1.75	3.33	4.83	4.85	4.64	3.67
1.75	3.33	4.83	4.85	4.64	3.67
1.83	3.48	4.83	4.85	4.64	3.67
1.75	3.33	4.67	4.53	3.72	3.49
1.78	3.39	4.67	4.53	3.72	3.49
1.8	3.43	4.67	4.53	3.72	3.49
1.79	3.41	4.67	4.53	3.72	3.49

1.81	3.45	4.67	4.53	3.72	3.49
1.81	3.45	4.67	4.53	3.72	3.49
1.82	3.46	4.67	4.53	3.72	3.49
1.8	3.43	4.67	4.53	3.72	3.49
1.78	3.39	4.67	4.53	3.72	3.49
1.82	3.46	4.67	4.53	3.72	3.49
1.79	3.41	4.67	4.53	3.72	3.49
1.79	3.41	4.67	4.53	3.72	3.49
1.8	3.43	4.67	4.53	3.72	3.49
1.79	3.41	4.67	4.53	3.72	3.49
1.77	3.37	4.67	4.53	3.72	3.49
1.75	3.33	4.67	4.53	3.72	3.49
1.73	3.29	4.67	4.53	3.72	3.49
1.64	3.12	4.67	4.53	3.72	3.49
1.63	3.10	4.67	4.53	3.72	3.49
1.65	3.14	4.37	3.72	3.52	3.35
1.67	3.18	4.37	3.72	3.52	3.35
1.68	3.20	4.37	3.72	3.52	3.35
1.72	3.27	4.37	3.72	3.52	3.35
1.74	3.31	4.37	3.72	3.52	3.35
1.87	3.56	4.37	3.72	3.52	3.35
1.86	3.54	4.37	3.72	3.52	3.35
1.94	3.69	4.37	3.72	3.52	3.35
1.87	3.56	4.37	3.72	3.52	3.35
1.81	3.44	4.37	3.72	3.52	3.35
1.75	3.33	4.37	3.72	3.52	3.35
1.75	3.33	4.37	3.72	3.52	3.35
1.75	3.33	4.37	3.72	3.52	3.35
1.75	3.33	4.37	3.72	3.52	3.35
1.73	3.29	4.37	3.72	3.52	3.35
1.74	3.31	4.37	3.72	3.52	3.35
1.8	3.42	4.37	3.72	3.52	3.35
1.79	3.41	4.37	3.72	3.52	3.35
1.8	3.42	4.37	3.72	3.52	3.35
1.83	3.48	4.37	3.72	3.52	3.35
1.8	3.42	4.37	3.72	3.52	3.35
1.89	3.60	4.37	3.72	3.52	3.35
2.02	3.84	4.37	3.72	3.52	3.35
1.95	3.69	3.67	3.52	3.38	3.40
2.03	3.84	3.67	3.52	3.38	3.40
1.98	3.74	3.67	3.52	3.38	3.40
2.03	3.84	3.67	3.52	3.38	3.40
2.07	3.91	3.67	3.52	3.38	3.40
2.1	3.97	3.67	3.52	3.38	3.40

2.06	3.89	3.67	3.52	3.38	3.40
2.14	4.04	3.67	3.52	3.38	3.40
2.11	3.99	3.67	3.52	3.38	3.40
2.14	4.04	3.67	3.52	3.38	3.40
2.14	4.04	3.67	3.52	3.38	3.40
2.1	3.97	3.67	3.52	3.38	3.40
2.18	4.12	3.67	3.52	3.38	3.40
2.17	4.10	3.67	3.52	3.38	3.40
2.24	4.23	3.67	3.52	3.38	3.40
2.23	4.21	3.67	3.52	3.38	3.40
2.23	4.21	3.67	3.52	3.38	3.40
2.32	4.38	3.67	3.52	3.38	3.40
2.31	4.37	3.67	3.52	3.38	3.40
2.37	4.48	3.67	3.52	3.38	3.40
2.25	4.25	3.67	3.52	3.38	3.40
2.23	4.21	3.55	3.44	3.46	4.07
2.32	4.38	3.55	3.44	3.46	4.07
2.36	4.46	3.55	3.44	3.46	4.07
2.32	4.38	3.55	3.44	3.46	4.07
2.25	4.25	3.55	3.44	3.46	4.07
2.25	4.25	3.55	3.44	3.46	4.07
2.29	4.33	3.55	3.44	3.46	4.07
2.19	4.14	3.55	3.44	3.46	4.07
2.21	4.17	3.55	3.44	3.46	4.07
2.28	4.31	3.55	3.44	3.46	4.07
2.31	4.36	3.55	3.44	3.46	4.07
2.3	4.34	3.55	3.44	3.46	4.07
2.27	4.29	3.55	3.44	3.46	4.07
2.26	4.27	3.55	3.44	3.46	4.07
2.21	4.17	3.55	3.44	3.46	4.07
2.19	4.14	3.55	3.44	3.46	4.07
2.18	4.12	3.55	3.44	3.46	4.07
2.22	4.19	3.55	3.44	3.46	4.07
2.27	4.29	3.55	3.44	3.46	4.07
2.29	4.33	3.55	3.44	3.46	4.07
2.34	4.42	3.49	3.51	4.13	4.29
2.36	4.46	3.49	3.51	4.13	4.29
2.35	4.44	3.49	3.51	4.13	4.29
2.31	4.36	3.49	3.51	4.13	4.29
2.41	4.55	3.49	3.51	4.13	4.29
2.38	4.50	3.49	3.51	4.13	4.29
2.39	4.51	3.49	3.51	4.13	4.29
2.37	4.48	3.49	3.51	4.13	4.29
2.3	4.34	3.49	3.51	4.13	4.29

2.29	4.33	3.49	3.51	4.13	4.29
2.28	4.31	3.49	3.51	4.13	4.29
2.28	4.31	3.49	3.51	4.13	4.29
2.24	4.23	3.49	3.51	4.13	4.29
2.24	4.23	3.49	3.51	4.13	4.29
2.22	4.19	3.49	3.51	4.13	4.29
2.23	4.21	3.49	3.51	4.13	4.29
2.25	4.25	3.49	3.51	4.13	4.29
2.26	4.27	3.49	3.51	4.13	4.29
2.27	4.29	3.49	3.51	4.13	4.29
2.25	4.25	3.49	3.51	4.13	4.29
2.33	4.40	3.49	3.51	4.13	4.29
2.34	4.42	3.49	3.51	4.13	4.29
2.29	4.31	3.55	4.14	4.31	4.41
2.26	4.25	3.55	4.14	4.31	4.41
2.29	4.31	3.55	4.14	4.31	4.41
2.2	4.14	3.55	4.14	4.31	4.41
2.19	4.12	3.55	4.14	4.31	4.41
2.17	4.08	3.55	4.14	4.31	4.41
2.12	3.99	3.55	4.14	4.31	4.41
2.14	4.02	3.55	4.14	4.31	4.41
2.16	4.06	3.55	4.14	4.31	4.41
2.12	3.99	3.55	4.14	4.31	4.41
2.18	4.10	3.55	4.14	4.31	4.41
2.2	4.14	3.55	4.14	4.31	4.41
2.24	4.21	3.55	4.14	4.31	4.41
2.25	4.23	3.55	4.14	4.31	4.41
2.32	4.36	3.55	4.14	4.31	4.41
2.42	4.55	3.55	4.14	4.31	4.41
2.55	4.80	3.55	4.14	4.31	4.41
2.55	4.80	3.55	4.14	4.31	4.41
2.58	4.85	3.55	4.14	4.31	4.41
2.67	5.02	3.55	4.14	4.31	4.41
2.55	4.80	3.55	4.14	4.31	4.41
2.51	4.71	4.15	4.34	4.45	4.33
2.61	4.90	4.15	4.34	4.45	4.33
2.64	4.95	4.15	4.34	4.45	4.33
2.69	5.05	4.15	4.34	4.45	4.33
2.69	5.05	4.15	4.34	4.45	4.33
2.73	5.12	4.15	4.34	4.45	4.33
2.77	5.20	4.15	4.34	4.45	4.33
2.79	5.23	4.15	4.34	4.45	4.33
2.73	5.12	4.15	4.34	4.45	4.33
2.71	5.08	4.15	4.34	4.45	4.33

2.73	5.12	4.15	4.34	4.45	4.33
2.7	5.07	4.15	4.34	4.45	4.33
2.75	5.16	4.15	4.34	4.45	4.33
2.87	5.39	4.15	4.34	4.45	4.33
2.97	5.57	4.15	4.34	4.45	4.33
2.95	5.54	4.15	4.34	4.45	4.33
3.01	5.65	4.15	4.34	4.45	4.33
3.1	5.82	4.15	4.34	4.45	4.33
2.97	5.57	4.15	4.34	4.45	4.33
2.87	5.39	4.15	4.34	4.45	4.33
2.85	5.35	4.15	4.34	4.45	4.33
2.84	5.33	4.15	4.34	4.45	4.33
2.71	5.06	4.36	4.47	4.36	5.24
2.56	4.78	4.36	4.47	4.36	5.24
2.47	4.62	4.36	4.47	4.36	5.24
2.56	4.78	4.36	4.47	4.36	5.24
2.66	4.97	4.36	4.47	4.36	5.24
2.75	5.14	4.36	4.47	4.36	5.24
2.84	5.31	4.36	4.47	4.36	5.24
2.8	5.23	4.36	4.47	4.36	5.24
2.66	4.97	4.36	4.47	4.36	5.24
2.52	4.71	4.36	4.47	4.36	5.24
2.47	4.62	4.36	4.47	4.36	5.24
2.45	4.58	4.36	4.47	4.36	5.24
2.49	4.65	4.36	4.47	4.36	5.24
2.33	4.35	4.36	4.47	4.36	5.24
2.3	4.30	4.36	4.47	4.36	5.24
2.45	4.58	4.36	4.47	4.36	5.24
2.54	4.75	4.36	4.47	4.36	5.24
2.51	4.69	4.36	4.47	4.36	5.24
2.52	4.71	4.36	4.47	4.36	5.24
2.57	4.80	4.36	4.47	4.36	5.24
2.31	4.32	4.36	4.47	4.36	5.24
2.39	4.46	4.53	4.44	5.29	4.92
2.49	4.64	4.53	4.44	5.29	4.92
2.45	4.57	4.53	4.44	5.29	4.92
2.48	4.63	4.53	4.44	5.29	4.92
2.49	4.64	4.53	4.44	5.29	4.92
2.35	4.38	4.53	4.44	5.29	4.92
2.53	4.72	4.53	4.44	5.29	4.92
2.65	4.94	4.53	4.44	5.29	4.92
2.81	5.24	4.53	4.44	5.29	4.92
2.7	5.04	4.53	4.44	5.29	4.92
2.66	4.96	4.53	4.44	5.29	4.92

2.82	5.26	4.53	4.44	5.29	4.92
2.89	5.39	4.53	4.44	5.29	4.92
2.9	5.41	4.53	4.44	5.29	4.92
2.99	5.58	4.53	4.44	5.29	4.92
3	5.60	4.53	4.44	5.29	4.92
2.98	5.56	4.53	4.44	5.29	4.92
2.96	5.52	4.53	4.44	5.29	4.92
3.02	5.63	4.53	4.44	5.29	4.92
2.97	5.54	4.53	4.44	5.29	4.92
2.76	5.15	4.53	4.44	5.29	4.92
2.73	5.08	4.73	5.49	5.28	5.37
2.81	5.23	4.73	5.49	5.28	5.37
2.82	5.25	4.73	5.49	5.28	5.37
2.75	5.12	4.73	5.49	5.28	5.37
2.62	4.88	4.73	5.49	5.28	5.37
2.59	4.82	4.73	5.49	5.28	5.37
2.44	4.54	4.73	5.49	5.28	5.37
2.39	4.45	4.73	5.49	5.28	5.37
2.38	4.43	4.73	5.49	5.28	5.37
2.16	4.02	4.73	5.49	5.28	5.37
2.33	4.34	4.73	5.49	5.28	5.37
2.23	4.15	4.73	5.49	5.28	5.37
2.24	4.17	4.73	5.49	5.28	5.37
2.22	4.13	4.73	5.49	5.28	5.37
2.16	4.02	4.73	5.49	5.28	5.37
2.05	3.82	4.73	5.49	5.28	5.37
1.99	3.71	4.73	5.49	5.28	5.37
1.96	3.65	4.73	5.49	5.28	5.37
2.25	4.19	4.73	5.49	5.28	5.37
2.22	4.13	4.73	5.49	5.28	5.37
2.17	4.03	5.68	5.53	5.66	4.74
2.18	4.05	5.68	5.53	5.66	4.74
2.16	4.01	5.68	5.53	5.66	4.74
2.19	4.07	5.68	5.53	5.66	4.74
2.16	4.01	5.68	5.53	5.66	4.74
2.23	4.14	5.68	5.53	5.66	4.74
2.2	4.09	5.68	5.53	5.66	4.74
2.27	4.22	5.68	5.53	5.66	4.74
2.35	4.36	5.68	5.53	5.66	4.74
2.49	4.62	5.68	5.53	5.66	4.74
2.54	4.72	5.68	5.53	5.66	4.74
2.52	4.68	5.68	5.53	5.66	4.74
2.55	4.74	5.68	5.53	5.66	4.74
2.67	4.96	5.68	5.53	5.66	4.74

2.59	4.81	5.68	5.53	5.66	4.74
2.45	4.55	5.68	5.53	5.66	4.74
2.42	4.49	5.68	5.53	5.66	4.74
2.36	4.38	5.68	5.53	5.66	4.74
2.32	4.31	5.68	5.53	5.66	4.74
2.34	4.35	5.68	5.53	5.66	4.74
2.3	4.27	5.68	5.53	5.66	4.74
2.16	4.00	5.54	5.66	4.91	4.49
2.17	4.02	5.54	5.66	4.91	4.49
2.18	4.04	5.54	5.66	4.91	4.49
2.19	4.06	5.54	5.66	4.91	4.49
2.2	4.07	5.54	5.66	4.91	4.49
2.23	4.13	5.54	5.66	4.91	4.49
2.25	4.17	5.54	5.66	4.91	4.49
2.29	4.24	5.54	5.66	4.91	4.49
2.28	4.22	5.54	5.66	4.91	4.49
2.35	4.35	5.54	5.66	4.91	4.49
2.4	4.44	5.54	5.66	4.91	4.49
2.53	4.69	5.54	5.66	4.91	4.49
2.55	4.72	5.54	5.66	4.91	4.49
2.55	4.72	5.54	5.66	4.91	4.49
2.66	4.93	5.54	5.66	4.91	4.49
2.73	5.06	5.54	5.66	4.91	4.49
2.76	5.11	5.54	5.66	4.91	4.49
2.84	5.26	5.54	5.66	4.91	4.49
2.69	4.98	5.54	5.66	4.91	4.49
2.81	5.18	5.34	4.77	4.48	4.40
2.91	5.37	5.34	4.77	4.48	4.40
2.85	5.26	5.34	4.77	4.48	4.40
2.78	5.13	5.34	4.77	4.48	4.40
2.81	5.18	5.34	4.77	4.48	4.40
2.6	4.80	5.34	4.77	4.48	4.40
2.62	4.83	5.34	4.77	4.48	4.40
2.65	4.89	5.34	4.77	4.48	4.40
2.65	4.89	5.34	4.77	4.48	4.40
2.61	4.81	5.34	4.77	4.48	4.40
2.61	4.81	5.34	4.77	4.48	4.40
2.65	4.89	5.34	4.77	4.48	4.40
2.66	4.91	5.34	4.77	4.48	4.40
2.65	4.89	5.34	4.77	4.48	4.40
2.55	4.70	5.34	4.77	4.48	4.40
2.5	4.61	5.34	4.77	4.48	4.40
2.52	4.65	5.34	4.77	4.48	4.40
2.51	4.63	5.34	4.77	4.48	4.40

2.6	4.80	5.34	4.77	4.48	4.40
2.65	4.89	5.34	4.77	4.48	4.40
2.71	4.97	4.60	4.41	4.39	4.79
2.8	5.13	4.60	4.41	4.39	4.79
2.72	4.99	4.60	4.41	4.39	4.79
2.76	5.06	4.60	4.41	4.39	4.79
2.78	5.10	4.60	4.41	4.39	4.79
2.74	5.02	4.60	4.41	4.39	4.79
2.69	4.93	4.60	4.41	4.39	4.79
2.79	5.12	4.60	4.41	4.39	4.79
2.83	5.19	4.60	4.41	4.39	4.79
2.76	5.06	4.60	4.41	4.39	4.79
2.84	5.21	4.60	4.41	4.39	4.79
2.81	5.15	4.60	4.41	4.39	4.79
2.73	5.01	4.60	4.41	4.39	4.79
2.74	5.02	4.60	4.41	4.39	4.79
2.78	5.10	4.60	4.41	4.39	4.79
2.76	5.06	4.60	4.41	4.39	4.79
2.82	5.17	4.60	4.41	4.39	4.79
2.82	5.17	4.60	4.41	4.39	4.79
2.94	5.39	4.60	4.41	4.39	4.79
2.92	5.35	4.60	4.41	4.39	4.79
2.83	5.19	4.60	4.41	4.39	4.79
2.88	5.28	4.60	4.41	4.39	4.79
2.92	5.36	4.36	4.40	4.76	5.19
2.87	5.27	4.36	4.40	4.76	5.19
2.86	5.25	4.36	4.40	4.76	5.19
2.98	5.47	4.36	4.40	4.76	5.19
2.99	5.49	4.36	4.40	4.76	5.19
2.97	5.45	4.36	4.40	4.76	5.19
2.98	5.47	4.36	4.40	4.76	5.19
3.05	5.60	4.36	4.40	4.76	5.19
3.05	5.60	4.36	4.40	4.76	5.19
3.11	5.71	4.36	4.40	4.76	5.19
3.13	5.74	4.36	4.40	4.76	5.19
3.12	5.72	4.36	4.40	4.76	5.19
3.12	5.72	4.36	4.40	4.76	5.19
3.07	5.63	4.36	4.40	4.76	5.19
3.12	5.72	4.36	4.40	4.76	5.19
3.18	5.83	4.36	4.40	4.76	5.19
3.12	5.72	4.36	4.40	4.76	5.19
3.06	5.61	4.36	4.40	4.76	5.19
3.09	5.67	4.36	4.40	4.76	5.19
3.16	5.79	4.41	4.75	5.22	5.55

3.2	5.86	4.41	4.75	5.22	5.55
3.18	5.82	4.41	4.75	5.22	5.55
3.09	5.66	4.41	4.75	5.22	5.55
3.11	5.70	4.41	4.75	5.22	5.55
3.12	5.71	4.41	4.75	5.22	5.55
3.25	5.95	4.41	4.75	5.22	5.55
3.2	5.86	4.41	4.75	5.22	5.55
3.37	6.17	4.41	4.75	5.22	5.55
3.35	6.14	4.41	4.75	5.22	5.55
3.37	6.17	4.41	4.75	5.22	5.55
3.45	6.32	4.41	4.75	5.22	5.55
3.49	6.39	4.41	4.75	5.22	5.55
3.73	6.83	4.41	4.75	5.22	5.55
3.76	6.89	4.41	4.75	5.22	5.55
3.95	7.23	4.41	4.75	5.22	5.55
3.85	7.05	4.41	4.75	5.22	5.55
3.94	7.22	4.41	4.75	5.22	5.55
4.18	7.66	4.41	4.75	5.22	5.55
4.29	7.86	4.41	4.75	5.22	5.55
4.35	7.97	4.41	4.75	5.22	5.55
4.52	8.28	4.41	4.75	5.22	5.55
4.39	7.99	4.74	5.22	5.55	6.55
4.21	7.67	4.74	5.22	5.55	6.55
4.17	7.59	4.74	5.22	5.55	6.55
4.48	8.16	4.74	5.22	5.55	6.55
4.23	7.70	4.74	5.22	5.55	6.55
3.96	7.21	4.74	5.22	5.55	6.55
4.14	7.54	4.74	5.22	5.55	6.55
4.22	7.68	4.74	5.22	5.55	6.55
4.27	7.77	4.74	5.22	5.55	6.55
4.16	7.57	4.74	5.22	5.55	6.55
4.38	7.97	4.74	5.22	5.55	6.55
4.45	8.10	4.74	5.22	5.55	6.55
4.38	7.97	4.74	5.22	5.55	6.55
4.02	7.32	4.74	5.22	5.55	6.55
4.14	7.54	4.74	5.22	5.55	6.55
4.44	8.08	4.74	5.22	5.55	6.55
4.42	8.05	4.74	5.22	5.55	6.55
4.37	7.96	4.74	5.22	5.55	6.55
4.55	8.28	4.74	5.22	5.55	6.55
4.44	8.08	4.74	5.22	5.55	6.55
4.25	7.74	4.74	5.22	5.55	6.55
4.36	7.94	4.74	5.22	5.55	6.55
4.36	7.92	5.23	5.55	6.54	7.81

4.24	7.70	5.23	5.55	6.54	7.81
4.02	7.30	5.23	5.55	6.54	7.81
4	7.26	5.23	5.55	6.54	7.81
4.19	7.61	5.23	5.55	6.54	7.81
4.17	7.57	5.23	5.55	6.54	7.81
4.29	7.79	5.23	5.55	6.54	7.81
4.08	7.41	5.23	5.55	6.54	7.81
4.17	7.57	5.23	5.55	6.54	7.81
4.13	7.50	5.23	5.55	6.54	7.81
3.99	7.24	5.23	5.55	6.54	7.81
4.07	7.39	5.23	5.55	6.54	7.81
3.86	7.01	5.23	5.55	6.54	7.81
3.88	7.04	5.23	5.55	6.54	7.81
3.74	6.79	5.23	5.55	6.54	7.81
3.63	6.59	5.23	5.55	6.54	7.81
3.59	6.52	5.23	5.55	6.54	7.81
3.75	6.81	5.23	5.55	6.54	7.81
3.89	7.06	5.23	5.55	6.54	7.81
3.75	6.81	5.23	5.55	6.54	7.81
3.78	6.86	5.56	6.56	7.77	7.21
4.05	7.35	5.56	6.56	7.77	7.21
4.23	7.68	5.56	6.56	7.77	7.21
4.25	7.72	5.56	6.56	7.77	7.21
4.39	7.97	5.56	6.56	7.77	7.21
4.46	8.10	5.56	6.56	7.77	7.21
4.48	8.13	5.56	6.56	7.77	7.21
4.43	8.04	5.56	6.56	7.77	7.21
4.44	8.06	5.56	6.56	7.77	7.21
4.42	8.02	5.56	6.56	7.77	7.21
4.24	7.70	5.56	6.56	7.77	7.21
4.24	7.70	5.56	6.56	7.77	7.21
4.35	7.90	5.56	6.56	7.77	7.21
4.38	7.95	5.56	6.56	7.77	7.21
4.6	8.35	5.56	6.56	7.77	7.21
4.8	8.71	5.56	6.56	7.77	7.21
4.67	8.48	5.56	6.56	7.77	7.21
4.53	8.22	5.56	6.56	7.77	7.21
4.55	8.26	5.56	6.56	7.77	7.21
4.62	8.39	5.56	6.56	7.77	7.21
4.6	8.35	5.56	6.56	7.77	7.21
4.61	8.37	5.56	6.56	7.77	7.21
4.76	8.64	5.56	6.56	7.77	7.21
4.7	8.49	6.51	7.69	7.18	8.06
4.81	8.69	6.51	7.69	7.18	8.06

4.89	8.83	6.51	7.69	7.18	8.06
4.85	8.76	6.51	7.69	7.18	8.06
4.74	8.56	6.51	7.69	7.18	8.06
4.85	8.76	6.51	7.69	7.18	8.06
4.96	8.96	6.51	7.69	7.18	8.06
5.06	9.14	6.51	7.69	7.18	8.06
5.1	9.21	6.51	7.69	7.18	8.06
5.28	9.54	6.51	7.69	7.18	8.06
5.06	9.14	6.51	7.69	7.18	8.06
5.22	9.43	6.51	7.69	7.18	8.06
5.24	9.46	6.51	7.69	7.18	8.06
5.16	9.32	6.51	7.69	7.18	8.06
5.16	9.32	6.51	7.69	7.18	8.06
5.12	9.25	6.51	7.69	7.18	8.06
5.28	9.54	6.51	7.69	7.18	8.06
5.34	9.64	6.51	7.69	7.18	8.06
5.2	9.39	6.51	7.69	7.18	8.06
5.1	9.21	6.51	7.69	7.18	8.06
5.24	9.45	7.67	7.18	8.05	9.25
5.29	9.54	7.67	7.18	8.05	9.25
5.22	9.41	7.67	7.18	8.05	9.25
5.21	9.39	7.67	7.18	8.05	9.25
5.04	9.09	7.67	7.18	8.05	9.25
5.09	9.18	7.67	7.18	8.05	9.25
5.16	9.30	7.67	7.18	8.05	9.25
5.1	9.20	7.67	7.18	8.05	9.25
5.54	9.99	7.67	7.18	8.05	9.25
5.43	9.79	7.67	7.18	8.05	9.25
5.34	9.63	7.67	7.18	8.05	9.25
5.27	9.50	7.67	7.18	8.05	9.25
5.36	9.66	7.67	7.18	8.05	9.25
5.04	9.09	7.67	7.18	8.05	9.25
4.84	8.73	7.67	7.18	8.05	9.25
4.82	8.69	7.67	7.18	8.05	9.25
4.84	8.73	7.67	7.18	8.05	9.25
4.64	8.37	7.67	7.18	8.05	9.25
4.61	8.31	7.67	7.18	8.05	9.25
4.48	8.08	7.67	7.18	8.05	9.25
4.56	8.22	7.67	7.18	8.05	9.25
4.37	7.88	7.67	7.18	8.05	9.25
4.4	7.92	7.31	8.15	9.44	9.14
4.5	8.10	7.31	8.15	9.44	9.14
4.64	8.35	7.31	8.15	9.44	9.14
4.6	8.28	7.31	8.15	9.44	9.14

4.68	8.42	7.31	8.15	9.44	9.14
4.92	8.86	7.31	8.15	9.44	9.14
5.34	9.61	7.31	8.15	9.44	9.14
5.24	9.43	7.31	8.15	9.44	9.14
5.59	10.06	7.31	8.15	9.44	9.14
5.81	10.46	7.31	8.15	9.44	9.14
5.95	10.71	7.31	8.15	9.44	9.14
5.94	10.69	7.31	8.15	9.44	9.14
5.62	10.12	7.31	8.15	9.44	9.14
6.23	11.21	7.31	8.15	9.44	9.14
6.35	11.43	7.31	8.15	9.44	9.14
6.3	11.34	7.31	8.15	9.44	9.14
6.24	11.23	7.31	8.15	9.44	9.14
5.9	10.62	7.31	8.15	9.44	9.14
5.93	10.67	7.31	8.15	9.44	9.14
6.31	11.36	7.31	8.15	9.44	9.14
6.53	11.73	8.24	9.58	9.30	10.31
7.41	13.31	8.24	9.58	9.30	10.31
8.03	14.42	8.24	9.58	9.30	10.31
8.75	15.71	8.24	9.58	9.30	10.31
8.48	15.23	8.24	9.58	9.30	10.31
8.13	14.60	8.24	9.58	9.30	10.31
9.96	17.89	8.24	9.58	9.30	10.31
8.58	15.41	8.24	9.58	9.30	10.31
7.8	14.01	8.24	9.58	9.30	10.31
7.48	13.43	8.24	9.58	9.30	10.31
8.03	14.42	8.24	9.58	9.30	10.31
9.28	16.66	8.24	9.58	9.30	10.31
9.11	16.36	8.24	9.58	9.30	10.31
9.95	17.87	8.24	9.58	9.30	10.31
10.49	18.84	8.24	9.58	9.30	10.31
10.48	18.82	8.24	9.58	9.30	10.31
10.23	18.37	8.24	9.58	9.30	10.31
9.58	17.20	8.24	9.58	9.30	10.31
9.22	16.56	8.24	9.58	9.30	10.31
10.48	18.82	8.24	9.58	9.30	10.31
9.97	17.80	9.42	9.20	10.28	15.39
9.71	17.34	9.42	9.20	10.28	15.39
9.45	16.87	9.42	9.20	10.28	15.39
10.03	17.91	9.42	9.20	10.28	15.39
10.31	18.41	9.42	9.20	10.28	15.39
9.95	17.77	9.42	9.20	10.28	15.39
9.91	17.69	9.42	9.20	10.28	15.39
8.95	15.98	9.42	9.20	10.28	15.39

8.75	15.62	9.42	9.20	10.28	15.39
8.16	14.57	9.42	9.20	10.28	15.39
7.85	14.02	9.42	9.20	10.28	15.39
7.09	12.66	9.42	9.20	10.28	15.39
7.61	13.59	9.42	9.20	10.28	15.39
7.7	13.75	9.42	9.20	10.28	15.39
7.02	12.53	9.42	9.20	10.28	15.39
6.81	12.16	9.42	9.20	10.28	15.39
6.81	12.16	9.42	9.20	10.28	15.39
7	12.50	9.42	9.20	10.28	15.39
6.76	12.07	9.42	9.20	10.28	15.39
5.96	10.64	9.42	9.20	10.28	15.39
5.83	10.41	9.42	9.20	10.28	15.39
5.82	10.37	8.80	9.72	14.73	13.94
6.76	12.04	8.80	9.72	14.73	13.94
6.15	10.96	8.80	9.72	14.73	13.94
5.59	9.96	8.80	9.72	14.73	13.94
5.67	10.10	8.80	9.72	14.73	13.94
6.24	11.12	8.80	9.72	14.73	13.94
6.24	11.12	8.80	9.72	14.73	13.94
5.74	10.23	8.80	9.72	14.73	13.94
5.58	9.94	8.80	9.72	14.73	13.94
5.89	10.49	8.80	9.72	14.73	13.94
5.35	9.53	8.80	9.72	14.73	13.94
5.57	9.92	8.80	9.72	14.73	13.94
5.17	9.21	8.80	9.72	14.73	13.94
5.2	9.26	8.80	9.72	14.73	13.94
5.11	9.10	8.80	9.72	14.73	13.94
5.05	9.00	8.80	9.72	14.73	13.94
5.07	9.03	8.80	9.72	14.73	13.94
5.07	9.03	8.80	9.72	14.73	13.94
5.25	9.35	8.80	9.72	14.73	13.94
5.25	9.35	9.00	13.06	13.13	10.11
5.06	9.01	9.00	13.06	13.13	10.11
5.32	9.47	9.00	13.06	13.13	10.11
5.27	9.38	9.00	13.06	13.13	10.11
5.22	9.29	9.00	13.06	13.13	10.11
5.25	9.35	9.00	13.06	13.13	10.11
5.13	9.13	9.00	13.06	13.13	10.11
4.98	8.87	9.00	13.06	13.13	10.11
5.08	9.04	9.00	13.06	13.13	10.11
4.99	8.88	9.00	13.06	13.13	10.11
5.27	9.38	9.00	13.06	13.13	10.11
5.27	9.38	9.00	13.06	13.13	10.11

5.27	9.38	9.00	13.06	13.13	10.11
5.27	9.38	9.00	13.06	13.13	10.11
5.16	9.19	9.00	13.06	13.13	10.11
5.16	9.19	9.00	13.06	13.13	10.11
5.16	9.19	9.00	13.06	13.13	10.11
5.23	9.31	9.00	13.06	13.13	10.11
5.47	9.74	9.00	13.06	13.13	10.11
5.6	9.97	9.00	13.06	13.13	10.11
5.31	9.45	9.00	13.06	13.13	10.11
5.35	9.53	9.00	13.06	13.13	10.11
5.25	9.33	10.14	10.71	9.88	9.22
5.25	9.33	10.14	10.71	9.88	9.22
5.24	9.31	10.14	10.71	9.88	9.22
5.27	9.37	10.14	10.71	9.88	9.22
5.33	9.47	10.14	10.71	9.88	9.22
5.45	9.69	10.14	10.71	9.88	9.22
5.55	9.86	10.14	10.71	9.88	9.22
5.45	9.69	10.14	10.71	9.88	9.22
5.32	9.46	10.14	10.71	9.88	9.22
5.48	9.74	10.14	10.71	9.88	9.22
5.36	9.53	10.14	10.71	9.88	9.22
5.15	9.15	10.14	10.71	9.88	9.22
5.06	8.99	10.14	10.71	9.88	9.22
5	8.89	10.14	10.71	9.88	9.22
5.09	9.05	10.14	10.71	9.88	9.22
5.13	9.12	10.14	10.71	9.88	9.22
4.98	8.85	10.14	10.71	9.88	9.22
4.92	8.74	10.14	10.71	9.88	9.22
4.83	8.58	10.14	10.71	9.88	9.22
4.73	8.41	10.14	10.71	9.88	9.22
4.55	8.05	9.95	9.62	9.28	9.18
4.54	8.03	9.95	9.62	9.28	9.18
4.46	7.89	9.95	9.62	9.28	9.18
4.5	7.96	9.95	9.62	9.28	9.18
4.33	7.66	9.95	9.62	9.28	9.18
4.22	7.46	9.95	9.62	9.28	9.18
4.15	7.34	9.95	9.62	9.28	9.18
4.17	7.37	9.95	9.62	9.28	9.18
4.25	7.52	9.95	9.62	9.28	9.18
4.28	7.57	9.95	9.62	9.28	9.18
4.46	7.89	9.95	9.62	9.28	9.18
4.46	7.89	9.95	9.62	9.28	9.18
4.2	7.43	9.95	9.62	9.28	9.18
4.15	7.34	9.95	9.62	9.28	9.18

4.14	7.32	9.95	9.62	9.28	9.18
4.04	7.14	9.95	9.62	9.28	9.18
4.11	7.27	9.95	9.62	9.28	9.18
4.12	7.29	9.95	9.62	9.28	9.18
3.83	6.77	9.95	9.62	9.28	9.18
3.86	6.83	9.95	9.62	9.28	9.18
3.66	6.47	9.95	9.62	9.28	9.18
3.73	6.60	9.95	9.62	9.28	9.18
3.7	6.53	9.59	9.33	9.24	7.49
3.98	7.02	9.59	9.33	9.24	7.49
3.93	6.93	9.59	9.33	9.24	7.49
3.76	6.63	9.59	9.33	9.24	7.49
3.68	6.49	9.59	9.33	9.24	7.49
3.62	6.39	9.59	9.33	9.24	7.49
3.91	6.90	9.59	9.33	9.24	7.49
4.05	7.15	9.59	9.33	9.24	7.49
4.13	7.29	9.59	9.33	9.24	7.49
3.92	6.92	9.59	9.33	9.24	7.49
3.86	6.81	9.59	9.33	9.24	7.49
3.91	6.90	9.59	9.33	9.24	7.49
3.96	6.99	9.59	9.33	9.24	7.49
3.83	6.76	9.59	9.33	9.24	7.49
3.69	6.51	9.59	9.33	9.24	7.49
3.68	6.49	9.59	9.33	9.24	7.49
3.56	6.28	9.59	9.33	9.24	7.49
3.46	6.10	9.59	9.33	9.24	7.49
3.39	5.98	9.59	9.33	9.24	7.49
3.2	5.65	9.59	9.33	9.24	7.49
2.91	5.13	9.59	9.33	9.24	7.49
2.92	5.16	9.42	9.36	7.63	6.68
3	5.30	9.42	9.36	7.63	6.68
3.09	5.46	9.42	9.36	7.63	6.68
2.99	5.28	9.42	9.36	7.63	6.68
3.1	5.48	9.42	9.36	7.63	6.68
3.2	5.66	9.42	9.36	7.63	6.68
3.21	5.67	9.42	9.36	7.63	6.68
3.29	5.81	9.42	9.36	7.63	6.68
3.15	5.57	9.42	9.36	7.63	6.68
3.08	5.44	9.42	9.36	7.63	6.68
3.14	5.55	9.42	9.36	7.63	6.68
3.15	5.57	9.42	9.36	7.63	6.68
3.01	5.32	9.42	9.36	7.63	6.68
2.97	5.25	9.42	9.36	7.63	6.68
3.02	5.34	9.42	9.36	7.63	6.68

3	5.30	9.42	9.36	7.63	6.68
3.06	5.41	9.42	9.36	7.63	6.68
3.26	5.76	9.42	9.36	7.63	6.68
3.06	5.41	9.42	9.36	7.63	6.68
3.28	5.80	9.42	9.36	7.63	6.68
3.31	5.85	9.42	9.36	7.63	6.68
3.27	5.78	9.42	7.75	6.84	5.60
3.15	5.57	9.42	7.75	6.84	5.60
3.06	5.41	9.42	7.75	6.84	5.60
3.07	5.43	9.42	7.75	6.84	5.60
3.16	5.58	9.42	7.75	6.84	5.60
3.11	5.50	9.42	7.75	6.84	5.60
3.1	5.48	9.42	7.75	6.84	5.60
2.99	5.28	9.42	7.75	6.84	5.60
3	5.30	9.42	7.75	6.84	5.60
3.05	5.39	9.42	7.75	6.84	5.60
3.15	5.57	9.42	7.75	6.84	5.60
3.46	6.12	9.42	7.75	6.84	5.60
3.24	5.73	9.42	7.75	6.84	5.60
3.17	5.60	9.42	7.75	6.84	5.60
3.18	5.62	9.42	7.75	6.84	5.60
3.2	5.66	9.42	7.75	6.84	5.60
2.87	5.07	9.42	7.75	6.84	5.60
2.77	4.90	9.42	7.75	6.84	5.60
2.61	4.61	9.42	7.75	6.84	5.60
2.57	4.54	9.42	7.75	6.84	5.60
2.46	4.35	9.42	7.75	6.84	5.60
2.47	4.37	9.42	7.75	6.84	5.60
2.15	3.80	9.42	7.75	6.84	5.60
2.23	3.93	7.77	6.90	5.68	5.17
2.34	4.12	7.77	6.90	5.68	5.17
2.43	4.28	7.77	6.90	5.68	5.17
2.36	4.15	7.77	6.90	5.68	5.17
2.38	4.19	7.77	6.90	5.68	5.17
2.38	4.19	7.77	6.90	5.68	5.17
2.44	4.30	7.77	6.90	5.68	5.17
2.39	4.21	7.77	6.90	5.68	5.17
2.41	4.24	7.77	6.90	5.68	5.17
2.36	4.15	7.77	6.90	5.68	5.17
2.18	3.84	7.77	6.90	5.68	5.17
2.13	3.75	7.77	6.90	5.68	5.17
2.06	3.63	7.77	6.90	5.68	5.17
2.04	3.59	7.77	6.90	5.68	5.17
1.99	3.50	7.77	6.90	5.68	5.17

1.94	3.42	7.77	6.90	5.68	5.17
1.88	3.31	7.77	6.90	5.68	5.17
1.9	3.34	7.77	6.90	5.68	5.17
1.8	3.17	7.77	6.90	5.68	5.17
1.74	3.07	7.04	5.84	5.27	3.91
1.83	3.23	7.04	5.84	5.27	3.91
1.97	3.48	7.04	5.84	5.27	3.91
2.13	3.76	7.04	5.84	5.27	3.91
2.11	3.72	7.04	5.84	5.27	3.91
2.02	3.57	7.04	5.84	5.27	3.91
2.11	3.72	7.04	5.84	5.27	3.91
2.22	3.92	7.04	5.84	5.27	3.91
2.41	4.25	7.04	5.84	5.27	3.91
2.28	4.03	7.04	5.84	5.27	3.91
2.26	3.99	7.04	5.84	5.27	3.91
2.51	4.43	7.04	5.84	5.27	3.91
2.61	4.61	7.04	5.84	5.27	3.91
2.39	4.22	7.04	5.84	5.27	3.91
2.31	4.08	7.04	5.84	5.27	3.91
2.61	4.61	7.04	5.84	5.27	3.91
2.82	4.98	7.04	5.84	5.27	3.91
2.67	4.71	7.04	5.84	5.27	3.91
3.15	5.56	7.04	5.84	5.27	3.91
3.06	5.40	7.04	5.84	5.27	3.91
3.21	5.67	7.04	5.84	5.27	3.91
3.11	5.49	7.04	5.84	5.27	3.91
3.07	5.42	7.04	5.84	5.27	3.91
2.99	5.28	6.32	5.69	4.52	4.62
2.93	5.18	6.32	5.69	4.52	4.62
2.87	5.07	6.32	5.69	4.52	4.62
2.72	4.80	6.32	5.69	4.52	4.62
2.73	4.82	6.32	5.69	4.52	4.62
2.68	4.73	6.32	5.69	4.52	4.62
2.61	4.61	6.32	5.69	4.52	4.62
2.45	4.33	6.32	5.69	4.52	4.62
2.38	4.20	6.32	5.69	4.52	4.62
2.29	4.05	6.32	5.69	4.52	4.62
1.99	3.52	6.32	5.69	4.52	4.62
1.69	2.99	6.32	5.69	4.52	4.62
2.08	3.67	6.32	5.69	4.52	4.62
2.55	4.50	6.32	5.69	4.52	4.62
1.91	3.37	6.32	5.69	4.52	4.62
1.79	3.16	6.32	5.69	4.52	4.62
1.87	3.30	6.32	5.69	4.52	4.62

2.3	4.06	6.32	5.69	4.52	4.62
2.19	3.87	6.32	5.69	4.52	4.62
1.83	3.23	6.32	5.69	4.52	4.62
2.1	3.71	6.16	5.11	5.12	4.93
2	3.53	6.16	5.11	5.12	4.93
1.89	3.34	6.16	5.11	5.12	4.93
1.81	3.20	6.16	5.11	5.12	4.93
2.11	3.73	6.16	5.11	5.12	4.93
2.28	4.03	6.16	5.11	5.12	4.93
2.58	4.56	6.16	5.11	5.12	4.93
2.57	4.54	6.16	5.11	5.12	4.93
2.4	4.24	6.16	5.11	5.12	4.93
2.4	4.24	6.16	5.11	5.12	4.93
2.4	4.24	6.16	5.11	5.12	4.93
2.4	4.24	6.16	5.11	5.12	4.93
2.4	4.24	6.16	5.11	5.12	4.93
2.4	4.24	6.16	5.11	5.12	4.93
2.4	4.24	6.16	5.11	5.12	4.93
2.4	4.24	6.16	5.11	5.12	4.93
2.4	4.24	6.16	5.11	5.12	4.93
2.4	4.24	6.16	5.11	5.12	4.93
2.4	4.24	6.16	5.11	5.12	4.93
2.4	4.24	6.16	5.11	5.12	4.93
2.55	4.50	5.36	5.41	5.26	4.74
2.58	4.55	5.36	5.41	5.26	4.74
2.58	4.55	5.36	5.41	5.26	4.74
2.58	4.55	5.36	5.41	5.26	4.74
2.39	4.22	5.36	5.41	5.26	4.74
2.31	4.08	5.36	5.41	5.26	4.74
2.32	4.09	5.36	5.41	5.26	4.74
2.32	4.09	5.36	5.41	5.26	4.74
2.32	4.09	5.36	5.41	5.26	4.74
2.32	4.09	5.36	5.41	5.26	4.74
2.38	4.20	5.36	5.41	5.26	4.74
2.4	4.23	5.36	5.41	5.26	4.74
2.28	4.02	5.36	5.41	5.26	4.74
2.28	4.02	5.36	5.41	5.26	4.74
2.28	4.02	5.36	5.41	5.26	4.74
2.13	3.76	5.36	5.41	5.26	4.74
2.03	3.58	5.36	5.41	5.26	4.74
2.03	3.58	5.36	5.41	5.26	4.74
2.03	3.58	5.36	5.41	5.26	4.74
2.28	4.02	5.36	5.41	5.26	4.74
2.28	4.02	5.36	5.41	5.26	4.74
2.28	4.02	5.39	5.32	4.84	3.86

2.28	4.02	5.39	5.32	4.84	3.86
2.28	4.02	5.39	5.32	4.84	3.86
2.14	3.77	5.39	5.32	4.84	3.86
2.17	3.82	5.39	5.32	4.84	3.86
2.21	3.89	5.39	5.32	4.84	3.86
2.22	3.91	5.39	5.32	4.84	3.86
2.39	4.21	5.39	5.32	4.84	3.86
2.37	4.17	5.39	5.32	4.84	3.86
2.26	3.98	5.39	5.32	4.84	3.86
2.18	3.84	5.39	5.32	4.84	3.86
2.32	4.09	5.39	5.32	4.84	3.86
2.41	4.25	5.39	5.32	4.84	3.86
2.4	4.23	5.39	5.32	4.84	3.86
2.4	4.23	5.39	5.32	4.84	3.86
2.4	4.23	5.39	5.32	4.84	3.86
2.46	4.33	5.39	5.32	4.84	3.86
2.49	4.39	5.39	5.32	4.84	3.86
2.49	4.39	5.39	5.32	4.84	3.86
2.51	4.41	5.26	4.83	3.87	3.98
2.66	4.67	5.26	4.83	3.87	3.98
2.63	4.62	5.26	4.83	3.87	3.98
2.52	4.43	5.26	4.83	3.87	3.98
2.73	4.80	5.26	4.83	3.87	3.98
2.82	4.95	5.26	4.83	3.87	3.98
2.9	5.09	5.26	4.83	3.87	3.98
2.94	5.16	5.26	4.83	3.87	3.98
2.97	5.22	5.26	4.83	3.87	3.98
2.78	4.88	5.26	4.83	3.87	3.98
2.99	5.25	5.26	4.83	3.87	3.98
3.15	5.53	5.26	4.83	3.87	3.98
3.33	5.85	5.26	4.83	3.87	3.98
3.29	5.78	5.26	4.83	3.87	3.98
3.2	5.62	5.26	4.83	3.87	3.98
3.57	6.27	5.26	4.83	3.87	3.98
3.46	6.08	5.26	4.83	3.87	3.98
3.59	6.31	5.26	4.83	3.87	3.98
3.35	5.88	5.26	4.83	3.87	3.98
3.18	5.59	5.26	4.83	3.87	3.98
3.43	6.00	4.78	3.94	4.06	5.27
3.72	6.50	4.78	3.94	4.06	5.27
3.68	6.44	4.78	3.94	4.06	5.27
3.56	6.23	4.78	3.94	4.06	5.27
3.31	5.79	4.78	3.94	4.06	5.27
3.36	5.88	4.78	3.94	4.06	5.27

3.25	5.68	4.78	3.94	4.06	5.27
3.25	5.68	4.78	3.94	4.06	5.27
3.14	5.49	4.78	3.94	4.06	5.27
3.07	5.37	4.78	3.94	4.06	5.27
3.27	5.72	4.78	3.94	4.06	5.27
3.44	6.02	4.78	3.94	4.06	5.27
3.4	5.95	4.78	3.94	4.06	5.27
3.5	6.12	4.78	3.94	4.06	5.27
3.4	5.95	4.78	3.94	4.06	5.27
3.58	6.26	4.78	3.94	4.06	5.27
3.63	6.35	4.78	3.94	4.06	5.27
3.53	6.17	4.78	3.94	4.06	5.27
3.46	6.05	4.78	3.94	4.06	5.27
3.32	5.81	4.78	3.94	4.06	5.27
3.44	6.02	4.78	3.94	4.06	5.27
3.65	6.38	4.78	3.94	4.06	5.27
3.79	6.62	4.06	4.17	5.32	5.96
3.65	6.38	4.06	4.17	5.32	5.96
3.71	6.48	4.06	4.17	5.32	5.96
3.61	6.31	4.06	4.17	5.32	5.96
3.5	6.11	4.06	4.17	5.32	5.96
3.74	6.53	4.06	4.17	5.32	5.96
3.72	6.50	4.06	4.17	5.32	5.96
3.7	6.46	4.06	4.17	5.32	5.96
3.62	6.32	4.06	4.17	5.32	5.96
3.75	6.55	4.06	4.17	5.32	5.96
3.6	6.29	4.06	4.17	5.32	5.96
3.45	6.03	4.06	4.17	5.32	5.96
3.41	5.96	4.06	4.17	5.32	5.96
3.44	6.01	4.06	4.17	5.32	5.96
3.33	5.82	4.06	4.17	5.32	5.96
3.39	5.92	4.06	4.17	5.32	5.96
3.38	5.90	4.06	4.17	5.32	5.96
3.21	5.61	4.06	4.17	5.32	5.96
3.18	5.55	4.06	4.17	5.32	5.96
3.3	5.76	4.06	4.17	5.32	5.96
3.33	5.82	4.06	4.17	5.32	5.96
3.15	5.50	4.06	4.17	5.32	5.96
3.18	5.55	4.28	5.38	6.01	6.22
3.31	5.78	4.28	5.38	6.01	6.22
3.29	5.74	4.28	5.38	6.01	6.22
3.29	5.74	4.28	5.38	6.01	6.22
3.11	5.43	4.28	5.38	6.01	6.22
3.14	5.48	4.28	5.38	6.01	6.22

3.11	5.43	4.28	5.38	6.01	6.22
3.15	5.50	4.28	5.38	6.01	6.22
3.04	5.31	4.28	5.38	6.01	6.22
3.13	5.46	4.28	5.38	6.01	6.22
3.34	5.83	4.28	5.38	6.01	6.22
3.23	5.64	4.28	5.38	6.01	6.22
3.24	5.66	4.28	5.38	6.01	6.22
3.33	5.81	4.28	5.38	6.01	6.22
3.18	5.55	4.28	5.38	6.01	6.22
3.33	5.81	4.28	5.38	6.01	6.22
3.49	6.09	4.28	5.38	6.01	6.22
3.92	6.84	4.28	5.38	6.01	6.22
3.22	5.62	4.28	5.38	6.01	6.22
3.2	5.59	4.28	5.38	6.01	6.22
3.28	5.71	5.44	6.06	6.32	5.68
3.17	5.52	5.44	6.06	6.32	5.68
3.08	5.36	5.44	6.06	6.32	5.68
3.06	5.33	5.44	6.06	6.32	5.68
2.97	5.17	5.44	6.06	6.32	5.68
3.04	5.30	5.44	6.06	6.32	5.68
2.85	4.96	5.44	6.06	6.32	5.68
2.87	5.00	5.44	6.06	6.32	5.68
2.83	4.93	5.44	6.06	6.32	5.68
2.89	5.03	5.44	6.06	6.32	5.68
2.97	5.17	5.44	6.06	6.32	5.68
2.85	4.96	5.44	6.06	6.32	5.68
2.95	5.14	5.44	6.06	6.32	5.68
3.01	5.24	5.44	6.06	6.32	5.68
2.95	5.14	5.44	6.06	6.32	5.68
2.91	5.07	5.44	6.06	6.32	5.68
3.05	5.31	5.44	6.06	6.32	5.68
2.94	5.12	5.44	6.06	6.32	5.68
3.07	5.35	5.44	6.06	6.32	5.68
2.97	5.17	5.44	6.06	6.32	5.68
3.02	5.26	5.44	6.06	6.32	5.68
3.07	5.33	6.09	6.38	5.76	5.11
2.9	5.04	6.09	6.38	5.76	5.11
2.81	4.88	6.09	6.38	5.76	5.11
2.8	4.86	6.09	6.38	5.76	5.11
2.73	4.74	6.09	6.38	5.76	5.11
2.75	4.78	6.09	6.38	5.76	5.11
2.83	4.92	6.09	6.38	5.76	5.11
2.91	5.05	6.09	6.38	5.76	5.11
3.01	5.23	6.09	6.38	5.76	5.11

3.03	5.26	6.09	6.38	5.76	5.11
2.92	5.07	6.09	6.38	5.76	5.11
3.1	5.38	6.09	6.38	5.76	5.11
3.1	5.38	6.09	6.38	5.76	5.11
3.25	5.65	6.09	6.38	5.76	5.11
3.22	5.59	6.09	6.38	5.76	5.11
3.36	5.84	6.09	6.38	5.76	5.11
3.48	6.04	6.09	6.38	5.76	5.11
3.51	6.10	6.09	6.38	5.76	5.11
3.47	6.03	6.09	6.38	5.76	5.11
3.31	5.75	6.09	6.38	5.76	5.11
3.25	5.65	6.09	6.38	5.76	5.11
3.12	5.42	6.09	6.38	5.76	5.11
3.1	5.38	6.40	5.80	5.13	5.36
3.13	5.43	6.40	5.80	5.13	5.36
3.2	5.55	6.40	5.80	5.13	5.36
3.39	5.88	6.40	5.80	5.13	5.36
3.24	5.62	6.40	5.80	5.13	5.36
3.35	5.81	6.40	5.80	5.13	5.36
3.33	5.77	6.40	5.80	5.13	5.36
3.22	5.58	6.40	5.80	5.13	5.36
3.37	5.84	6.40	5.80	5.13	5.36
3.45	5.98	6.40	5.80	5.13	5.36
3.46	6.00	6.40	5.80	5.13	5.36
3.8	6.59	6.40	5.80	5.13	5.36
3.9	6.76	6.40	5.80	5.13	5.36
3.95	6.85	6.40	5.80	5.13	5.36
3.87	6.71	6.40	5.80	5.13	5.36
4	6.94	6.40	5.80	5.13	5.36
3.76	6.52	6.40	5.80	5.13	5.36
3.61	6.26	6.40	5.80	5.13	5.36
3.76	6.52	6.40	5.80	5.13	5.36
4.09	7.09	6.40	5.80	5.13	5.36
4.41	7.63	5.89	5.22	5.48	6.18
4.27	7.39	5.89	5.22	5.48	6.18
4.23	7.32	5.89	5.22	5.48	6.18
3.86	6.68	5.89	5.22	5.48	6.18
3.77	6.52	5.89	5.22	5.48	6.18
3.86	6.68	5.89	5.22	5.48	6.18
3.91	6.77	5.89	5.22	5.48	6.18
3.93	6.80	5.89	5.22	5.48	6.18
3.8	6.58	5.89	5.22	5.48	6.18
4.19	7.25	5.89	5.22	5.48	6.18
4.19	7.25	5.89	5.22	5.48	6.18

4.1	7.09	5.89	5.22	5.48	6.18
4.1	7.09	5.89	5.22	5.48	6.18
4.11	7.11	5.89	5.22	5.48	6.18
4.23	7.32	5.89	5.22	5.48	6.18
4.2	7.27	5.89	5.22	5.48	6.18
4.24	7.34	5.89	5.22	5.48	6.18
4.3	7.44	5.89	5.22	5.48	6.18
4.12	7.13	5.89	5.22	5.48	6.18
4.16	7.20	5.89	5.22	5.48	6.18
4.2	7.27	5.89	5.22	5.48	6.18
4.34	7.51	5.89	5.22	5.48	6.18
4.39	7.60	5.89	5.22	5.48	6.18
4.07	7.03	5.79	5.98	6.68	7.06
3.94	6.81	5.79	5.98	6.68	7.06
3.9	6.74	5.79	5.98	6.68	7.06
3.92	6.77	5.79	5.98	6.68	7.06
3.9	6.74	5.79	5.98	6.68	7.06
3.76	6.50	5.79	5.98	6.68	7.06
3.83	6.62	5.79	5.98	6.68	7.06
3.83	6.62	5.79	5.98	6.68	7.06
3.83	6.62	5.79	5.98	6.68	7.06
3.9	6.74	5.79	5.98	6.68	7.06
3.92	6.77	5.79	5.98	6.68	7.06
4.18	7.22	5.79	5.98	6.68	7.06
4.25	7.34	5.79	5.98	6.68	7.06
4.27	7.38	5.79	5.98	6.68	7.06
4.24	7.32	5.79	5.98	6.68	7.06
4.32	7.46	5.79	5.98	6.68	7.06
4.34	7.50	5.79	5.98	6.68	7.06
4.23	7.31	5.79	5.98	6.68	7.06
4.19	7.24	5.79	5.98	6.68	7.06
4.23	7.30	6.41	7.06	7.38	6.97
4.35	7.50	6.41	7.06	7.38	6.97
4.24	7.31	6.41	7.06	7.38	6.97
4.35	7.50	6.41	7.06	7.38	6.97
4.39	7.57	6.41	7.06	7.38	6.97
4.32	7.45	6.41	7.06	7.38	6.97
4.4	7.59	6.41	7.06	7.38	6.97
4.63	7.98	6.41	7.06	7.38	6.97
4.81	8.30	6.41	7.06	7.38	6.97
5.05	8.71	6.41	7.06	7.38	6.97
5.31	9.16	6.41	7.06	7.38	6.97
5.13	8.85	6.41	7.06	7.38	6.97
4.98	8.59	6.41	7.06	7.38	6.97

5.14	8.86	6.41	7.06	7.38	6.97
5.05	8.71	6.41	7.06	7.38	6.97
5.03	8.67	6.41	7.06	7.38	6.97
5.03	8.67	6.41	7.06	7.38	6.97
4.98	8.59	6.41	7.06	7.38	6.97
4.81	8.30	6.41	7.06	7.38	6.97
4.74	8.17	6.41	7.06	7.38	6.97
4.59	7.92	6.41	7.06	7.38	6.97
4.93	8.47	7.18	7.47	7.11	8.31
5.13	8.81	7.18	7.47	7.11	8.31
4.94	8.48	7.18	7.47	7.11	8.31
4.89	8.40	7.18	7.47	7.11	8.31
5.07	8.71	7.18	7.47	7.11	8.31
5.05	8.67	7.18	7.47	7.11	8.31
5.19	8.91	7.18	7.47	7.11	8.31
5.23	8.98	7.18	7.47	7.11	8.31
5.25	9.01	7.18	7.47	7.11	8.31
5.21	8.95	7.18	7.47	7.11	8.31
5.5	9.44	7.18	7.47	7.11	8.31
5.66	9.72	7.18	7.47	7.11	8.31
5.47	9.39	7.18	7.47	7.11	8.31
5.72	9.82	7.18	7.47	7.11	8.31
6.55	11.25	7.18	7.47	7.11	8.31
5.91	10.15	7.18	7.47	7.11	8.31
5.91	10.15	7.18	7.47	7.11	8.31
5.52	9.48	7.18	7.47	7.11	8.31
5.61	9.63	7.18	7.47	7.11	8.31
5.76	9.89	7.18	7.47	7.11	8.31
5.58	9.58	7.18	7.47	7.11	8.31
5.71	9.75	7.23	6.96	8.22	9.19
6.26	10.69	7.23	6.96	8.22	9.19
6.22	10.62	7.23	6.96	8.22	9.19
6.08	10.38	7.23	6.96	8.22	9.19
6.3	10.76	7.23	6.96	8.22	9.19
6.35	10.84	7.23	6.96	8.22	9.19
6.19	10.57	7.23	6.96	8.22	9.19
6.19	10.57	7.23	6.96	8.22	9.19
5.81	9.92	7.23	6.96	8.22	9.19
5.88	10.04	7.23	6.96	8.22	9.19
6.09	10.40	7.23	6.96	8.22	9.19
6.1	10.42	7.23	6.96	8.22	9.19
6.38	10.90	7.23	6.96	8.22	9.19
6.73	11.49	7.23	6.96	8.22	9.19
11.98	20.46	7.23	6.96	8.22	9.19

18.48	31.56	7.23	6.96	8.22	9.19
10.47	17.88	7.23	6.96	8.22	9.19
8.42	14.38	7.23	6.96	8.22	9.19
10.81	18.46	7.23	6.96	8.22	9.19
8.51	14.51	6.80	7.91	9.03	11.35
7.71	13.14	6.80	7.91	9.03	11.35
7.8	13.30	6.80	7.91	9.03	11.35
7.57	12.91	6.80	7.91	9.03	11.35
7.42	12.65	6.80	7.91	9.03	11.35
6.78	11.56	6.80	7.91	9.03	11.35
6.25	10.66	6.80	7.91	9.03	11.35
5.8	9.89	6.80	7.91	9.03	11.35
5.71	9.74	6.80	7.91	9.03	11.35
5.17	8.81	6.80	7.91	9.03	11.35
5.32	9.07	6.80	7.91	9.03	11.35
5.13	8.75	6.80	7.91	9.03	11.35
5.2	8.87	6.80	7.91	9.03	11.35
5.2	8.87	6.80	7.91	9.03	11.35
5.05	8.61	6.80	7.91	9.03	11.35
5.07	8.64	6.80	7.91	9.03	11.35
5.07	8.64	6.80	7.91	9.03	11.35
4.9	8.35	6.80	7.91	9.03	11.35
4.87	8.30	6.80	7.91	9.03	11.35
5.06	8.63	6.80	7.91	9.03	11.35
5.01	8.54	6.80	7.91	9.03	11.35
4.9	8.39	7.45	8.58	10.21	9.90
4.89	8.37	7.45	8.58	10.21	9.90
4.91	8.40	7.45	8.58	10.21	9.90
4.86	8.32	7.45	8.58	10.21	9.90
4.98	8.52	7.45	8.58	10.21	9.90
5.21	8.92	7.45	8.58	10.21	9.90
5.11	8.75	7.45	8.58	10.21	9.90
5.18	8.87	7.45	8.58	10.21	9.90
5.28	9.04	7.45	8.58	10.21	9.90
5.29	9.05	7.45	8.58	10.21	9.90
5.53	9.46	7.45	8.58	10.21	9.90
5.62	9.62	7.45	8.58	10.21	9.90
5.54	9.48	7.45	8.58	10.21	9.90
5.55	9.50	7.45	8.58	10.21	9.90
5.58	9.55	7.45	8.58	10.21	9.90
5.58	9.55	7.45	8.58	10.21	9.90
5.46	9.34	7.45	8.58	10.21	9.90
5.39	9.22	7.45	8.58	10.21	9.90
5.3	9.07	7.45	8.58	10.21	9.90

5.12	8.76	7.45	8.58	10.21	9.90
5.25	8.99	7.45	8.58	10.21	9.90
5.32	9.12	8.32	9.58	9.50	9.19
5.24	8.98	8.32	9.58	9.50	9.19
5.36	9.19	8.32	9.58	9.50	9.19
5.64	9.67	8.32	9.58	9.50	9.19
5.49	9.41	8.32	9.58	9.50	9.19
5.65	9.69	8.32	9.58	9.50	9.19
5.73	9.82	8.32	9.58	9.50	9.19
5.91	10.13	8.32	9.58	9.50	9.19
5.98	10.25	8.32	9.58	9.50	9.19
6.17	10.58	8.32	9.58	9.50	9.19
6.24	10.70	8.32	9.58	9.50	9.19
5.96	10.22	8.32	9.58	9.50	9.19
6.08	10.42	8.32	9.58	9.50	9.19
5.93	10.17	8.32	9.58	9.50	9.19
6.08	10.42	8.32	9.58	9.50	9.19
6.09	10.44	8.32	9.58	9.50	9.19
5.92	10.15	8.32	9.58	9.50	9.19
5.84	10.01	8.32	9.58	9.50	9.19
5.71	9.79	8.32	9.58	9.50	9.19
5.76	9.87	8.32	9.58	9.50	9.19
5.99	10.27	8.32	9.58	9.50	9.19
6.22	10.65	9.27	9.32	9.30	10.15
6.25	10.70	9.27	9.32	9.30	10.15
6.4	10.96	9.27	9.32	9.30	10.15
6.17	10.57	9.27	9.32	9.30	10.15
6.25	10.70	9.27	9.32	9.30	10.15
6.25	10.70	9.27	9.32	9.30	10.15
6.08	10.41	9.27	9.32	9.30	10.15
6.06	10.38	9.27	9.32	9.30	10.15
5.86	10.03	9.27	9.32	9.30	10.15
5.44	9.32	9.27	9.32	9.30	10.15
5.45	9.33	9.27	9.32	9.30	10.15
5.66	9.69	9.27	9.32	9.30	10.15
5.53	9.47	9.27	9.32	9.30	10.15
5.53	9.47	9.27	9.32	9.30	10.15
5.68	9.73	9.27	9.32	9.30	10.15
5.89	10.09	9.27	9.32	9.30	10.15
5.84	10.00	9.27	9.32	9.30	10.15
5.64	9.66	9.27	9.32	9.30	10.15
5.49	9.40	9.27	9.32	9.30	10.15
5.19	8.89	9.27	9.32	9.30	10.15
5.31	9.09	9.27	9.32	9.30	10.15

5.22	8.91	9.21	9.33	10.26	10.11
5.05	8.62	9.21	9.33	10.26	10.11
4.96	8.47	9.21	9.33	10.26	10.11
5.2	8.88	9.21	9.33	10.26	10.11
5.4	9.22	9.21	9.33	10.26	10.11
5.56	9.49	9.21	9.33	10.26	10.11
5.4	9.22	9.21	9.33	10.26	10.11
5.22	8.91	9.21	9.33	10.26	10.11
5.15	8.79	9.21	9.33	10.26	10.11
5.17	8.82	9.21	9.33	10.26	10.11
5	8.53	9.21	9.33	10.26	10.11
4.96	8.47	9.21	9.33	10.26	10.11
5.01	8.55	9.21	9.33	10.26	10.11
5.11	8.72	9.21	9.33	10.26	10.11
5.04	8.60	9.21	9.33	10.26	10.11
4.88	8.33	9.21	9.33	10.26	10.11
4.86	8.29	9.21	9.33	10.26	10.11
4.68	7.99	9.21	9.33	10.26	10.11
4.68	7.99	9.21	9.33	10.26	10.11
4.72	8.06	9.21	9.33	10.26	10.11
4.68	7.99	9.21	9.33	10.26	10.11
4.63	7.90	9.21	9.33	10.26	10.11
4.71	8.00	9.29	10.27	10.21	8.56
4.81	8.17	9.29	10.27	10.21	8.56
4.71	8.00	9.29	10.27	10.21	8.56
4.74	8.06	9.29	10.27	10.21	8.56
4.85	8.24	9.29	10.27	10.21	8.56
5.02	8.53	9.29	10.27	10.21	8.56
5.08	8.63	9.29	10.27	10.21	8.56
5.06	8.60	9.29	10.27	10.21	8.56
5.17	8.79	9.29	10.27	10.21	8.56
5.1	8.67	9.29	10.27	10.21	8.56
4.83	8.21	9.29	10.27	10.21	8.56
4.94	8.39	9.29	10.27	10.21	8.56
4.99	8.48	9.29	10.27	10.21	8.56
5.03	8.55	9.29	10.27	10.21	8.56
5.14	8.73	9.29	10.27	10.21	8.56
5.24	8.90	9.29	10.27	10.21	8.56
5.26	8.94	9.29	10.27	10.21	8.56
5.09	8.65	9.29	10.27	10.21	8.56
5.11	8.68	9.29	10.27	10.21	8.56
4.94	8.39	9.29	10.27	10.21	8.56
4.86	8.26	9.29	10.27	10.21	8.56
4.62	7.83	10.19	10.20	8.55	8.43

4.68	7.93	10.19	10.20	8.55	8.43
4.7	7.96	10.19	10.20	8.55	8.43
4.76	8.06	10.19	10.20	8.55	8.43
4.82	8.16	10.19	10.20	8.55	8.43
4.7	7.96	10.19	10.20	8.55	8.43
4.78	8.10	10.19	10.20	8.55	8.43
4.85	8.22	10.19	10.20	8.55	8.43
4.66	7.89	10.19	10.20	8.55	8.43
4.66	7.89	10.19	10.20	8.55	8.43
4.67	7.91	10.19	10.20	8.55	8.43
4.61	7.81	10.19	10.20	8.55	8.43
4.52	7.66	10.19	10.20	8.55	8.43
4.33	7.33	10.19	10.20	8.55	8.43
4.38	7.42	10.19	10.20	8.55	8.43
4.51	7.64	10.19	10.20	8.55	8.43
4.58	7.76	10.19	10.20	8.55	8.43
4.55	7.71	10.19	10.20	8.55	8.43
4.42	7.49	10.19	10.20	8.55	8.43
4.57	7.74	10.19	10.20	8.55	8.43
4.66	7.89	10.19	10.20	8.55	8.43
4.47	7.58	10.27	8.64	8.54	7.91
4.42	7.49	10.27	8.64	8.54	7.91
4.34	7.36	10.27	8.64	8.54	7.91
4.4	7.46	10.27	8.64	8.54	7.91
4.66	7.90	10.27	8.64	8.54	7.91
4.84	8.21	10.27	8.64	8.54	7.91
4.78	8.11	10.27	8.64	8.54	7.91
4.92	8.34	10.27	8.64	8.54	7.91
4.96	8.41	10.27	8.64	8.54	7.91
4.84	8.21	10.27	8.64	8.54	7.91
4.93	8.36	10.27	8.64	8.54	7.91
4.92	8.34	10.27	8.64	8.54	7.91
4.53	7.68	10.27	8.64	8.54	7.91
4.3	7.29	10.27	8.64	8.54	7.91
4.64	7.87	10.27	8.64	8.54	7.91
4.89	8.29	10.27	8.64	8.54	7.91
4.9	8.31	10.27	8.64	8.54	7.91
4.78	8.11	10.27	8.64	8.54	7.91
4.56	7.73	10.27	8.64	8.54	7.91
4.45	7.55	10.27	8.64	8.54	7.91
4.51	7.65	10.27	8.64	8.54	7.91
4.4	7.46	10.27	8.64	8.54	7.91
3.98	6.75	10.27	8.64	8.54	7.91
4.12	6.98	9.00	8.91	8.30	8.45

4.01	6.80	9.00	8.91	8.30	8.45
4.46	7.56	9.00	8.91	8.30	8.45
4.74	8.03	9.00	8.91	8.30	8.45
4.48	7.59	9.00	8.91	8.30	8.45
4.42	7.49	9.00	8.91	8.30	8.45
4.52	7.66	9.00	8.91	8.30	8.45
4.77	8.08	9.00	8.91	8.30	8.45
4.6	7.80	9.00	8.91	8.30	8.45
4.62	7.83	9.00	8.91	8.30	8.45
4.49	7.61	9.00	8.91	8.30	8.45
4.35	7.37	9.00	8.91	8.30	8.45
4.46	7.56	9.00	8.91	8.30	8.45
4.35	7.37	9.00	8.91	8.30	8.45
4.15	7.03	9.00	8.91	8.30	8.45
4.57	7.75	9.00	8.91	8.30	8.45
4.49	7.61	9.00	8.91	8.30	8.45
4.86	8.24	9.00	8.91	8.30	8.45
5.02	8.48	9.26	8.71	8.97	8.17
5.45	9.21	9.26	8.71	8.97	8.17
5.45	9.21	9.26	8.71	8.97	8.17
5.7	9.63	9.26	8.71	8.97	8.17
6.27	10.60	9.26	8.71	8.97	8.17
6.06	10.24	9.26	8.71	8.97	8.17
6.52	11.02	9.26	8.71	8.97	8.17
6.67	11.27	9.26	8.71	8.97	8.17
6.56	11.09	9.26	8.71	8.97	8.17
6.73	11.38	9.26	8.71	8.97	8.17
6.63	11.21	9.26	8.71	8.97	8.17
6.58	11.12	9.26	8.71	8.97	8.17
6.56	11.09	9.26	8.71	8.97	8.17
6.98	11.80	9.26	8.71	8.97	8.17
6.92	11.70	9.26	8.71	8.97	8.17
6.32	10.68	9.26	8.71	8.97	8.17
5.58	9.43	9.26	8.71	8.97	8.17
5.5	9.30	9.26	8.71	8.97	8.17
5.46	9.23	9.26	8.71	8.97	8.17
5.96	10.07	9.26	8.71	8.97	8.17
5.76	9.74	9.26	8.71	8.97	8.17
6.28	10.57	8.95	9.22	8.44	10.89
7.04	11.85	8.95	9.22	8.44	10.89
6.61	11.12	8.95	9.22	8.44	10.89
6.41	10.79	8.95	9.22	8.44	10.89
6.91	11.63	8.95	9.22	8.44	10.89
6.29	10.59	8.95	9.22	8.44	10.89

6.26	10.54	8.95	9.22	8.44	10.89
5.73	9.64	8.95	9.22	8.44	10.89
6.02	10.13	8.95	9.22	8.44	10.89
5.43	9.14	8.95	9.22	8.44	10.89
6.15	10.35	8.95	9.22	8.44	10.89
6.26	10.54	8.95	9.22	8.44	10.89
6.03	10.15	8.95	9.22	8.44	10.89
5.82	9.79	8.95	9.22	8.44	10.89
5.7	9.59	8.95	9.22	8.44	10.89
5.87	9.88	8.95	9.22	8.44	10.89
6.04	10.17	8.95	9.22	8.44	10.89
5.99	10.08	8.95	9.22	8.44	10.89
5.8	9.76	8.95	9.22	8.44	10.89
5.51	9.25	9.12	8.40	10.81	10.53
5.69	9.56	9.12	8.40	10.81	10.53
5.74	9.64	9.12	8.40	10.81	10.53
5.54	9.30	9.12	8.40	10.81	10.53
5.38	9.03	9.12	8.40	10.81	10.53
5.44	9.14	9.12	8.40	10.81	10.53
5.49	9.22	9.12	8.40	10.81	10.53
5.34	8.97	9.12	8.40	10.81	10.53
5.35	8.98	9.12	8.40	10.81	10.53
5.62	9.44	9.12	8.40	10.81	10.53
5.43	9.12	9.12	8.40	10.81	10.53
5.33	8.95	9.12	8.40	10.81	10.53
5.28	8.87	9.12	8.40	10.81	10.53
5.19	8.72	9.12	8.40	10.81	10.53
5.1	8.56	9.12	8.40	10.81	10.53
5.08	8.53	9.12	8.40	10.81	10.53
5.1	8.56	9.12	8.40	10.81	10.53
5.13	8.62	9.12	8.40	10.81	10.53
5.27	8.85	9.12	8.40	10.81	10.53
5.17	8.66	8.13	10.05	10.39	8.99
5.37	9.00	8.13	10.05	10.39	8.99
5.34	8.95	8.13	10.05	10.39	8.99
5.17	8.66	8.13	10.05	10.39	8.99
5.32	8.92	8.13	10.05	10.39	8.99
5.42	9.08	8.13	10.05	10.39	8.99
5.34	8.95	8.13	10.05	10.39	8.99
5.33	8.93	8.13	10.05	10.39	8.99
5.33	8.93	8.13	10.05	10.39	8.99
5.52	9.25	8.13	10.05	10.39	8.99
5.59	9.37	8.13	10.05	10.39	8.99
5.6	9.38	8.13	10.05	10.39	8.99

5.61	9.40	8.13	10.05	10.39	8.99
5.63	9.43	8.13	10.05	10.39	8.99
5.49	9.20	8.13	10.05	10.39	8.99
5.46	9.15	8.13	10.05	10.39	8.99
5.36	8.98	8.13	10.05	10.39	8.99
5.35	8.97	8.13	10.05	10.39	8.99
5.22	8.75	8.13	10.05	10.39	8.99
5.16	8.65	8.13	10.05	10.39	8.99
5.25	8.80	8.13	10.05	10.39	8.99
5.4	9.05	8.13	10.05	10.39	8.99
5.63	9.43	8.13	10.05	10.39	8.99
5.82	9.74	8.61	9.22	8.83	9.27
5.69	9.52	8.61	9.22	8.83	9.27
5.81	9.72	8.61	9.22	8.83	9.27
5.7	9.54	8.61	9.22	8.83	9.27
5.76	9.64	8.61	9.22	8.83	9.27
5.84	9.77	8.61	9.22	8.83	9.27
5.85	9.79	8.61	9.22	8.83	9.27
5.92	9.90	8.61	9.22	8.83	9.27
5.73	9.59	8.61	9.22	8.83	9.27
5.68	9.50	8.61	9.22	8.83	9.27
5.62	9.40	8.61	9.22	8.83	9.27
5.57	9.32	8.61	9.22	8.83	9.27
5.46	9.13	8.61	9.22	8.83	9.27
5.52	9.24	8.61	9.22	8.83	9.27
5.59	9.35	8.61	9.22	8.83	9.27
5.53	9.25	8.61	9.22	8.83	9.27
5.6	9.37	8.61	9.22	8.83	9.27
5.81	9.72	8.61	9.22	8.83	9.27
5.8	9.70	8.61	9.22	8.83	9.27
5.78	9.67	8.61	9.22	8.83	9.27
5.81	9.72	8.61	9.22	8.83	9.27
5.8	9.66	8.89	8.73	9.38	9.61
6.21	10.35	8.89	8.73	9.38	9.61
6.09	10.15	8.89	8.73	9.38	9.61
6.22	10.36	8.89	8.73	9.38	9.61
6.18	10.30	8.89	8.73	9.38	9.61
6.14	10.23	8.89	8.73	9.38	9.61
6.24	10.40	8.89	8.73	9.38	9.61
6.41	10.68	8.89	8.73	9.38	9.61
6.42	10.70	8.89	8.73	9.38	9.61
6.43	10.71	8.89	8.73	9.38	9.61
6.41	10.68	8.89	8.73	9.38	9.61
6.28	10.46	8.89	8.73	9.38	9.61

6.18	10.30	8.89	8.73	9.38	9.61
6.44	10.73	8.89	8.73	9.38	9.61
6.35	10.58	8.89	8.73	9.38	9.61
6.48	10.80	8.89	8.73	9.38	9.61
6.73	11.21	8.89	8.73	9.38	9.61
6.7	11.16	8.89	8.73	9.38	9.61
6.51	10.85	8.89	8.73	9.38	9.61
6.45	10.75	8.89	8.73	9.38	9.61
6.45	10.71	8.71	9.42	9.70	10.62
6.51	10.81	8.71	9.42	9.70	10.62
6.44	10.69	8.71	9.42	9.70	10.62
6.15	10.21	8.71	9.42	9.70	10.62
6.09	10.11	8.71	9.42	9.70	10.62
6.19	10.27	8.71	9.42	9.70	10.62
6.04	10.03	8.71	9.42	9.70	10.62
6	9.96	8.71	9.42	9.70	10.62
6.15	10.21	8.71	9.42	9.70	10.62
6.35	10.54	8.71	9.42	9.70	10.62
6.38	10.59	8.71	9.42	9.70	10.62
6.57	10.90	8.71	9.42	9.70	10.62
6.48	10.76	8.71	9.42	9.70	10.62
6.42	10.66	8.71	9.42	9.70	10.62
6.29	10.44	8.71	9.42	9.70	10.62
6.3	10.46	8.71	9.42	9.70	10.62
6.41	10.64	8.71	9.42	9.70	10.62
6.28	10.42	8.71	9.42	9.70	10.62
6.13	10.17	8.71	9.42	9.70	10.62
6.02	9.99	8.71	9.42	9.70	10.62
6.03	10.01	8.71	9.42	9.70	10.62
5.95	9.87	9.47	9.80	10.73	10.50
5.88	9.75	9.47	9.80	10.73	10.50
6.16	10.21	9.47	9.80	10.73	10.50
6.27	10.40	9.47	9.80	10.73	10.50
6.19	10.26	9.47	9.80	10.73	10.50
5.89	9.77	9.47	9.80	10.73	10.50
5.95	9.87	9.47	9.80	10.73	10.50
5.85	9.70	9.47	9.80	10.73	10.50
5.91	9.80	9.47	9.80	10.73	10.50
5.92	9.82	9.47	9.80	10.73	10.50
5.77	9.57	9.47	9.80	10.73	10.50
5.75	9.53	9.47	9.80	10.73	10.50
5.8	9.62	9.47	9.80	10.73	10.50
5.9	9.78	9.47	9.80	10.73	10.50
5.85	9.70	9.47	9.80	10.73	10.50

5.98	9.92	9.47	9.80	10.73	10.50
5.94	9.85	9.47	9.80	10.73	10.50
5.87	9.73	9.47	9.80	10.73	10.50
5.77	9.57	9.47	9.80	10.73	10.50
5.93	9.83	9.47	9.80	10.73	10.50
6.03	10.00	9.47	9.80	10.73	10.50
5.86	9.71	9.84	10.77	10.59	10.05
5.77	9.56	9.84	10.77	10.59	10.05
5.7	9.45	9.84	10.77	10.59	10.05
5.54	9.18	9.84	10.77	10.59	10.05
5.42	8.98	9.84	10.77	10.59	10.05
5.58	9.25	9.84	10.77	10.59	10.05
5.78	9.58	9.84	10.77	10.59	10.05
5.64	9.35	9.84	10.77	10.59	10.05
5.46	9.05	9.84	10.77	10.59	10.05
5.27	8.73	9.84	10.77	10.59	10.05
5.34	8.85	9.84	10.77	10.59	10.05
5.27	8.73	9.84	10.77	10.59	10.05
5.36	8.88	9.84	10.77	10.59	10.05
5.34	8.85	9.84	10.77	10.59	10.05
5.39	8.93	9.84	10.77	10.59	10.05
5.34	8.85	9.84	10.77	10.59	10.05
5.23	8.67	9.84	10.77	10.59	10.05
5.32	8.82	9.84	10.77	10.59	10.05
5.19	8.60	9.84	10.77	10.59	10.05
5.05	8.37	9.84	10.77	10.59	10.05
5.05	8.37	9.84	10.77	10.59	10.05
5.04	8.35	9.84	10.77	10.59	10.05
5.02	8.29	10.69	10.57	10.09	9.04
4.75	7.85	10.69	10.57	10.09	9.04
4.32	7.14	10.69	10.57	10.09	9.04
4.41	7.28	10.69	10.57	10.09	9.04
4.69	7.75	10.69	10.57	10.09	9.04
4.57	7.55	10.69	10.57	10.09	9.04
4.57	7.55	10.69	10.57	10.09	9.04
5.12	8.46	10.69	10.57	10.09	9.04
5.15	8.51	10.69	10.57	10.09	9.04
5.17	8.54	10.69	10.57	10.09	9.04
4.82	7.96	10.69	10.57	10.09	9.04
4.95	8.18	10.69	10.57	10.09	9.04
5.22	8.62	10.69	10.57	10.09	9.04
5.43	8.97	10.69	10.57	10.09	9.04
5.58	9.22	10.69	10.57	10.09	9.04
5.58	9.22	10.69	10.57	10.09	9.04

5.41	8.94	10.69	10.57	10.09	9.04
5.22	8.62	10.69	10.57	10.09	9.04
5.45	9.00	10.69	10.57	10.09	9.04
6.26	10.34	10.69	10.57	10.09	9.04
6.36	10.51	10.69	10.57	10.09	9.04
5.38	8.84	10.60	10.20	9.27	8.58
5.72	9.40	10.60	10.20	9.27	8.58
6.07	9.97	10.60	10.20	9.27	8.58
6	9.86	10.60	10.20	9.27	8.58
6.24	10.25	10.60	10.20	9.27	8.58
5.59	9.19	10.60	10.20	9.27	8.58
5.63	9.25	10.60	10.20	9.27	8.58
5.63	9.25	10.60	10.20	9.27	8.58
5.38	8.84	10.60	10.20	9.27	8.58
5.76	9.47	10.60	10.20	9.27	8.58
5.64	9.27	10.60	10.20	9.27	8.58
5.64	9.27	10.60	10.20	9.27	8.58
6.13	10.07	10.60	10.20	9.27	8.58
7.27	11.95	10.60	10.20	9.27	8.58
7.35	12.08	10.60	10.20	9.27	8.58
7.11	11.68	10.60	10.20	9.27	8.58
7.75	12.74	10.60	10.20	9.27	8.58
7.78	12.78	10.60	10.20	9.27	8.58
8.12	13.34	10.60	10.20	9.27	8.58
6.8	11.17	10.60	10.20	9.27	8.58
6.43	10.57	10.60	10.20	9.27	8.58
6.98	11.42	10.61	10.19	9.73	12.06
6.88	11.25	10.61	10.19	9.73	12.06
7.25	11.86	10.61	10.19	9.73	12.06
7.4	12.10	10.61	10.19	9.73	12.06
6.08	9.94	10.61	10.19	9.73	12.06
6.62	10.83	10.61	10.19	9.73	12.06
5.79	9.47	10.61	10.19	9.73	12.06
6.12	10.01	10.61	10.19	9.73	12.06
6.19	10.12	10.61	10.19	9.73	12.06
5.9	9.65	10.61	10.19	9.73	12.06
6.02	9.85	10.61	10.19	9.73	12.06
6.57	10.75	10.61	10.19	9.73	12.06
6.06	9.91	10.61	10.19	9.73	12.06
5.59	9.14	10.61	10.19	9.73	12.06
4.81	7.87	10.61	10.19	9.73	12.06
5.24	8.57	10.61	10.19	9.73	12.06
5.24	8.57	10.61	10.19	9.73	12.06
5.01	8.19	10.61	10.19	9.73	12.06

6.76	11.06	10.61	10.19	9.73	12.06
6.79	11.11	10.61	10.19	9.73	12.06
6.78	11.09	10.89	10.78	13.73	12.44
6.69	10.94	10.89	10.78	13.73	12.44
6.04	9.88	10.89	10.78	13.73	12.44
6.05	9.90	10.89	10.78	13.73	12.44
6.03	9.86	10.89	10.78	13.73	12.44
5.98	9.78	10.89	10.78	13.73	12.44
6.04	9.88	10.89	10.78	13.73	12.44
6.29	10.29	10.89	10.78	13.73	12.44
6.89	11.27	10.89	10.78	13.73	12.44
7.1	11.61	10.89	10.78	13.73	12.44
7.04	11.51	10.89	10.78	13.73	12.44
6.88	11.25	10.89	10.78	13.73	12.44
7.26	11.87	10.89	10.78	13.73	12.44
7.14	11.68	10.89	10.78	13.73	12.44
6.83	11.17	10.89	10.78	13.73	12.44
7.05	11.53	10.89	10.78	13.73	12.44
6.98	11.42	10.89	10.78	13.73	12.44
6.57	10.75	10.89	10.78	13.73	12.44
6.27	10.25	10.89	10.78	13.73	12.44
6.18	10.11	10.89	10.78	13.73	12.44
6.02	9.85	10.89	10.78	13.73	12.44
5.53	9.05	11.29	14.43	13.44	11.17
5.71	9.34	11.29	14.43	13.44	11.17
5.84	9.56	11.29	14.43	13.44	11.17
5.79	9.47	11.29	14.43	13.44	11.17
5.82	9.52	11.29	14.43	13.44	11.17
6.21	10.16	11.29	14.43	13.44	11.17
5.96	9.75	11.29	14.43	13.44	11.17
5.89	9.64	11.29	14.43	13.44	11.17
6.06	9.92	11.29	14.43	13.44	11.17
6.45	10.55	11.29	14.43	13.44	11.17
6.69	10.95	11.29	14.43	13.44	11.17
6.19	10.13	11.29	14.43	13.44	11.17
6.27	10.26	11.29	14.43	13.44	11.17
6.43	10.52	11.29	14.43	13.44	11.17
6.41	10.49	11.29	14.43	13.44	11.17
6.44	10.54	11.29	14.43	13.44	11.17
6.44	10.54	11.29	14.43	13.44	11.17
6.5	10.64	11.29	14.43	13.44	11.17
6.23	10.19	11.29	14.43	13.44	11.17
6.14	10.05	11.29	14.43	13.44	11.17
6.28	10.23	14.26	13.44	11.28	10.08

6.38	10.40	14.26	13.44	11.28	10.08
6.32	10.30	14.26	13.44	11.28	10.08
6.12	9.97	14.26	13.44	11.28	10.08
6.02	9.81	14.26	13.44	11.28	10.08
5.95	9.70	14.26	13.44	11.28	10.08
6.2	10.10	14.26	13.44	11.28	10.08
6.21	10.12	14.26	13.44	11.28	10.08
6.02	9.81	14.26	13.44	11.28	10.08
5.95	9.70	14.26	13.44	11.28	10.08
6.01	9.79	14.26	13.44	11.28	10.08
6.1	9.94	14.26	13.44	11.28	10.08
6.05	9.86	14.26	13.44	11.28	10.08
5.88	9.58	14.26	13.44	11.28	10.08
5.92	9.65	14.26	13.44	11.28	10.08
6.02	9.81	14.26	13.44	11.28	10.08
6.33	10.32	14.26	13.44	11.28	10.08
6.24	10.17	14.26	13.44	11.28	10.08
6.62	10.79	14.26	13.44	11.28	10.08
6.63	10.77	12.83	11.13	10.12	10.07
6.61	10.73	12.83	11.13	10.12	10.07
6.71	10.89	12.83	11.13	10.12	10.07
6.51	10.57	12.83	11.13	10.12	10.07
6.66	10.81	12.83	11.13	10.12	10.07
6.81	11.06	12.83	11.13	10.12	10.07
6.99	11.35	12.83	11.13	10.12	10.07
6.91	11.22	12.83	11.13	10.12	10.07
6.73	10.93	12.83	11.13	10.12	10.07
6.86	11.14	12.83	11.13	10.12	10.07
7.16	11.63	12.83	11.13	10.12	10.07
7.08	11.50	12.83	11.13	10.12	10.07
7.25	11.77	12.83	11.13	10.12	10.07
7.12	11.56	12.83	11.13	10.12	10.07
7.16	11.63	12.83	11.13	10.12	10.07
7.24	11.76	12.83	11.13	10.12	10.07
7.11	11.54	12.83	11.13	10.12	10.07
7.07	11.48	12.83	11.13	10.12	10.07
6.94	11.27	12.83	11.13	10.12	10.07
6.93	11.25	12.83	11.13	10.12	10.07
7.18	11.66	12.83	11.13	10.12	10.07
7.46	12.11	12.83	11.13	10.12	10.07
7.57	12.25	10.39	9.97	10.16	11.40
7.8	12.63	10.39	9.97	10.16	11.40
7.44	12.04	10.39	9.97	10.16	11.40
7.46	12.08	10.39	9.97	10.16	11.40

7.5	12.14	10.39	9.97	10.16	11.40
7.26	11.75	10.39	9.97	10.16	11.40
7.17	11.61	10.39	9.97	10.16	11.40
7.34	11.88	10.39	9.97	10.16	11.40
7.07	11.44	10.39	9.97	10.16	11.40
7.02	11.36	10.39	9.97	10.16	11.40
6.95	11.25	10.39	9.97	10.16	11.40
6.95	11.25	10.39	9.97	10.16	11.40
6.95	11.25	10.39	9.97	10.16	11.40
7.1	11.49	10.39	9.97	10.16	11.40
6.93	11.22	10.39	9.97	10.16	11.40
7.06	11.43	10.39	9.97	10.16	11.40
7.27	11.77	10.39	9.97	10.16	11.40
7.08	11.46	10.39	9.97	10.16	11.40
7.1	11.49	10.39	9.97	10.16	11.40
6.67	10.80	10.39	9.97	10.16	11.40
6.64	10.75	10.39	9.97	10.16	11.40
6.5	10.53	10.01	10.27	11.59	11.58
6.61	10.70	10.01	10.27	11.59	11.58
6.49	10.51	10.01	10.27	11.59	11.58
6.65	10.77	10.01	10.27	11.59	11.58
6.67	10.80	10.01	10.27	11.59	11.58
6.56	10.62	10.01	10.27	11.59	11.58
6.67	10.80	10.01	10.27	11.59	11.58
6.63	10.74	10.01	10.27	11.59	11.58
6.62	10.72	10.01	10.27	11.59	11.58
6.47	10.48	10.01	10.27	11.59	11.58
6.45	10.45	10.01	10.27	11.59	11.58
6.41	10.38	10.01	10.27	11.59	11.58
6.5	10.53	10.01	10.27	11.59	11.58
6.39	10.35	10.01	10.27	11.59	11.58
6.36	10.30	10.01	10.27	11.59	11.58
6.33	10.25	10.01	10.27	11.59	11.58
6.45	10.45	10.01	10.27	11.59	11.58
6.33	10.25	10.01	10.27	11.59	11.58
6.3	10.20	10.01	10.27	11.59	11.58
6.22	10.07	10.01	10.27	11.59	11.58
6.31	10.22	10.01	10.27	11.59	11.58
6.36	10.29	10.36	11.73	11.73	10.50
6.63	10.73	10.36	11.73	11.73	10.50
6.65	10.76	10.36	11.73	11.73	10.50
7.05	11.41	10.36	11.73	11.73	10.50
7.13	11.54	10.36	11.73	11.73	10.50
7.22	11.69	10.36	11.73	11.73	10.50

7.05	11.41	10.36	11.73	11.73	10.50
7.09	11.48	10.36	11.73	11.73	10.50
7.08	11.46	10.36	11.73	11.73	10.50
7.32	11.85	10.36	11.73	11.73	10.50
7.39	11.96	10.36	11.73	11.73	10.50
7.41	11.99	10.36	11.73	11.73	10.50
7.61	12.32	10.36	11.73	11.73	10.50
7.8	12.63	10.36	11.73	11.73	10.50
7.46	12.08	10.36	11.73	11.73	10.50
7.39	11.96	10.36	11.73	11.73	10.50
7.51	12.16	10.36	11.73	11.73	10.50
7.45	12.06	10.36	11.73	11.73	10.50
7.29	11.80	10.36	11.73	11.73	10.50
7.04	11.40	10.36	11.73	11.73	10.50
7.08	11.46	10.36	11.73	11.73	10.50
7.01	11.35	10.36	11.73	11.73	10.50
7.01	11.28	11.77	11.81	10.56	11.59
7.38	11.87	11.77	11.81	10.56	11.59
7.69	12.37	11.77	11.81	10.56	11.59
7.62	12.26	11.77	11.81	10.56	11.59
7.87	12.66	11.77	11.81	10.56	11.59
7.35	11.82	11.77	11.81	10.56	11.59
7.79	12.53	11.77	11.81	10.56	11.59
7.78	12.52	11.77	11.81	10.56	11.59
7.99	12.85	11.77	11.81	10.56	11.59
8.02	12.90	11.77	11.81	10.56	11.59
7.77	12.50	11.77	11.81	10.56	11.59
7.7	12.39	11.77	11.81	10.56	11.59
7.75	12.47	11.77	11.81	10.56	11.59
7.64	12.29	11.77	11.81	10.56	11.59
7.41	11.92	11.77	11.81	10.56	11.59
7.38	11.87	11.77	11.81	10.56	11.59
7.45	11.98	11.77	11.81	10.56	11.59
7.52	12.10	11.77	11.81	10.56	11.59
7.69	12.37	11.77	11.81	10.56	11.59
7.76	12.48	11.77	11.81	10.56	11.59
8.03	12.84	11.83	10.60	11.63	12.12
8.38	13.40	11.83	10.60	11.63	12.12
8.75	13.99	11.83	10.60	11.63	12.12
8.55	13.67	11.83	10.60	11.63	12.12
8.6	13.75	11.83	10.60	11.63	12.12
8.93	14.28	11.83	10.60	11.63	12.12
8.7	13.91	11.83	10.60	11.63	12.12
8.82	14.10	11.83	10.60	11.63	12.12

9.29	14.85	11.83	10.60	11.63	12.12
9.59	15.33	11.83	10.60	11.63	12.12
9.53	15.24	11.83	10.60	11.63	12.12
9.66	15.44	11.83	10.60	11.63	12.12
9.99	15.97	11.83	10.60	11.63	12.12
9.38	15.00	11.83	10.60	11.63	12.12
9.09	14.53	11.83	10.60	11.63	12.12
9.44	15.09	11.83	10.60	11.63	12.12
9.96	15.92	11.83	10.60	11.63	12.12
10.02	16.02	11.83	10.60	11.63	12.12
9.77	15.62	11.83	10.60	11.63	12.12
9.86	15.76	11.83	10.60	11.63	12.12
9.86	15.76	11.83	10.60	11.63	12.12
12.36	19.76	11.83	10.60	11.63	12.12
12.69	20.29	11.83	10.60	11.63	12.12
11.36	17.92	10.53	11.53	12.02	14.87
11.75	18.53	10.53	11.53	12.02	14.87
11.56	18.23	10.53	11.53	12.02	14.87
11.03	17.40	10.53	11.53	12.02	14.87
10.92	17.22	10.53	11.53	12.02	14.87
11.03	17.40	10.53	11.53	12.02	14.87
10.68	16.84	10.53	11.53	12.02	14.87
10.71	16.89	10.53	11.53	12.02	14.87
10.8	17.03	10.53	11.53	12.02	14.87
11.24	17.73	10.53	11.53	12.02	14.87
11.25	17.74	10.53	11.53	12.02	14.87
11.99	18.91	10.53	11.53	12.02	14.87
12.76	20.12	10.53	11.53	12.02	14.87
14.26	22.49	10.53	11.53	12.02	14.87
14.84	23.40	10.53	11.53	12.02	14.87
13.67	21.53	11.67	12.17	14.94	19.07
13.29	20.93	11.67	12.17	14.94	19.07
13.67	21.53	11.67	12.17	14.94	19.07
13.77	21.68	11.67	12.17	14.94	19.07
13.48	21.23	11.67	12.17	14.94	19.07
12.8	20.16	11.67	12.17	14.94	19.07
13.89	21.87	11.67	12.17	14.94	19.07
13.41	21.12	11.67	12.17	14.94	19.07
13.52	21.29	11.67	12.17	14.94	19.07
13.24	20.85	11.67	12.17	14.94	19.07
12.73	20.05	11.67	12.17	14.94	19.07
12.95	20.39	11.67	12.17	14.94	19.07
13.9	21.89	11.67	12.17	14.94	19.07
14.68	23.12	11.67	12.17	14.94	19.07

13.9	21.89	11.67	12.17	14.94	19.07
13.1	20.63	11.67	12.17	14.94	19.07
12.18	19.18	11.67	12.17	14.94	19.07
10.8	17.09	13.09	15.64	19.93	21.29
10.85	17.17	13.09	15.64	19.93	21.29
10.79	17.08	13.09	15.64	19.93	21.29
9.67	15.30	13.09	15.64	19.93	21.29
8.77	13.88	13.09	15.64	19.93	21.29
9.15	14.48	13.09	15.64	19.93	21.29
9.31	14.73	13.09	15.64	19.93	21.29
9.66	15.29	13.09	15.64	19.93	21.29
9.2	14.56	13.09	15.64	19.93	21.29
9.15	14.48	13.09	15.64	19.93	21.29
9.21	14.58	13.09	15.64	19.93	21.29
11.03	17.46	13.09	15.64	19.93	21.29
11.92	18.87	13.09	15.64	19.93	21.29
10.01	15.84	13.09	15.64	19.93	21.29
10.48	16.59	13.09	15.64	19.93	21.29
11.15	17.65	13.09	15.64	19.93	21.29
11.02	17.44	13.09	15.64	19.93	21.29
11.01	17.43	13.09	15.64	19.93	21.29
11.17	17.68	13.09	15.64	19.93	21.29
11.73	18.57	13.09	15.64	19.93	21.29
12.58	19.91	16.25	20.61	21.88	18.51
12.95	20.50	16.25	20.61	21.88	18.51
14.27	22.59	16.25	20.61	21.88	18.51
13.57	21.48	16.25	20.61	21.88	18.51
13.95	22.08	16.25	20.61	21.88	18.51
14.25	22.55	16.25	20.61	21.88	18.51
15.02	23.77	16.25	20.61	21.88	18.51
14.82	23.46	16.25	20.61	21.88	18.51
15.39	24.36	16.25	20.61	21.88	18.51
14.81	23.44	16.25	20.61	21.88	18.51
14.07	22.27	16.25	20.61	21.88	18.51
13.36	21.14	16.25	20.61	21.88	18.51
13.73	21.73	16.25	20.61	21.88	18.51
13.79	21.83	16.25	20.61	21.88	18.51
13.56	21.46	16.25	20.61	21.88	18.51
13.03	20.62	16.25	20.61	21.88	18.51
11.17	17.68	16.25	20.61	21.88	18.51
10.22	16.18	16.25	20.61	21.88	18.51
9.9	15.67	16.25	20.61	21.88	18.51
10.07	15.94	16.25	20.61	21.88	18.51
9.52	15.07	16.25	20.61	21.88	18.51

9.9	15.57	20.85	22.30	19.28	21.12
9.25	14.55	20.85	22.30	19.28	21.12
9.24	14.54	20.85	22.30	19.28	21.12
9.3	14.63	20.85	22.30	19.28	21.12
8.79	13.83	20.85	22.30	19.28	21.12
8.6	13.53	20.85	22.30	19.28	21.12
8.55	13.45	20.85	22.30	19.28	21.12
8.7	13.69	20.85	22.30	19.28	21.12
8.5	13.37	20.85	22.30	19.28	21.12
8.82	13.88	20.85	22.30	19.28	21.12
8.86	13.94	20.85	22.30	19.28	21.12
8.21	12.92	20.85	22.30	19.28	21.12
8.8	13.84	20.85	22.30	19.28	21.12
8.29	13.04	20.85	22.30	19.28	21.12
8.27	13.01	20.85	22.30	19.28	21.12
8.5	13.37	20.85	22.30	19.28	21.12
7.86	12.37	20.85	22.30	19.28	21.12
8.19	12.88	20.85	22.30	19.28	21.12
8.36	13.15	20.85	22.30	19.28	21.12
8.73	13.73	20.85	22.30	19.28	21.12
8.71	13.70	22.03	19.29	21.26	14.37
8.01	12.59	22.03	19.29	21.26	14.37
8.01	12.59	22.03	19.29	21.26	14.37
8.24	12.96	22.03	19.29	21.26	14.37
7.74	12.17	22.03	19.29	21.26	14.37
7.88	12.39	22.03	19.29	21.26	14.37
7.55	11.87	22.03	19.29	21.26	14.37
7.57	11.90	22.03	19.29	21.26	14.37
7.36	11.57	22.03	19.29	21.26	14.37
7.03	11.05	22.03	19.29	21.26	14.37
7.31	11.49	22.03	19.29	21.26	14.37
7.16	11.26	22.03	19.29	21.26	14.37
7.39	11.62	22.03	19.29	21.26	14.37
7.4	11.64	22.03	19.29	21.26	14.37
7.55	11.87	22.03	19.29	21.26	14.37
7.23	11.37	22.03	19.29	21.26	14.37
7.39	11.62	22.03	19.29	21.26	14.37
6.97	10.96	22.03	19.29	21.26	14.37
6.69	10.52	22.03	19.29	21.26	14.37
6.62	10.39	18.65	20.96	14.56	11.81
6.69	10.50	18.65	20.96	14.56	11.81
6.59	10.35	18.65	20.96	14.56	11.81
6.5	10.21	18.65	20.96	14.56	11.81
6.53	10.25	18.65	20.96	14.56	11.81

6.47	10.16	18.65	20.96	14.56	11.81
6.31	9.91	18.65	20.96	14.56	11.81
6.4	10.05	18.65	20.96	14.56	11.81
6.77	10.63	18.65	20.96	14.56	11.81
7.15	11.23	18.65	20.96	14.56	11.81
7.1	11.15	18.65	20.96	14.56	11.81
7.12	11.18	18.65	20.96	14.56	11.81
7.17	11.26	18.65	20.96	14.56	11.81
7	10.99	18.65	20.96	14.56	11.81
6.83	10.72	18.65	20.96	14.56	11.81
7.06	11.08	18.65	20.96	14.56	11.81
7.16	11.24	18.65	20.96	14.56	11.81
7.43	11.67	18.65	20.96	14.56	11.81
7.05	11.07	18.65	20.96	14.56	11.81
7.15	11.23	18.65	20.96	14.56	11.81
7.16	11.24	18.65	20.96	14.56	11.81
7.19	11.29	18.65	20.96	14.56	11.81
6.98	10.96	18.65	20.96	14.56	11.81
7.08	11.06	17.04	14.38	12.02	10.90
7.04	11.00	17.04	14.38	12.02	10.90
6.89	10.76	17.04	14.38	12.02	10.90
7.06	11.03	17.04	14.38	12.02	10.90
6.81	10.64	17.04	14.38	12.02	10.90
6.83	10.67	17.04	14.38	12.02	10.90
6.99	10.92	17.04	14.38	12.02	10.90
6.78	10.59	17.04	14.38	12.02	10.90
6.64	10.37	17.04	14.38	12.02	10.90
7.22	11.28	17.04	14.38	12.02	10.90
7.6	11.87	17.04	14.38	12.02	10.90
7.72	12.06	17.04	14.38	12.02	10.90
7.95	12.42	17.04	14.38	12.02	10.90
7.65	11.95	17.04	14.38	12.02	10.90
7.73	12.08	17.04	14.38	12.02	10.90
7.37	11.51	17.04	14.38	12.02	10.90
7.17	11.20	17.04	14.38	12.02	10.90
6.94	10.84	17.04	14.38	12.02	10.90
6.64	10.37	17.04	14.38	12.02	10.90
6.53	10.17	14.42	12.21	11.15	11.31
6.68	10.40	14.42	12.21	11.15	11.31
6.56	10.22	14.42	12.21	11.15	11.31
6.47	10.08	14.42	12.21	11.15	11.31
6.8	10.59	14.42	12.21	11.15	11.31
6.54	10.19	14.42	12.21	11.15	11.31
6.55	10.20	14.42	12.21	11.15	11.31

6.5	10.12	14.42	12.21	11.15	11.31
6.8	10.59	14.42	12.21	11.15	11.31
6.35	9.89	14.42	12.21	11.15	11.31
5.92	9.22	14.42	12.21	11.15	11.31
5.99	9.33	14.42	12.21	11.15	11.31
6.15	9.58	14.42	12.21	11.15	11.31
5.79	9.02	14.42	12.21	11.15	11.31
5.77	8.99	14.42	12.21	11.15	11.31
5.91	9.21	14.42	12.21	11.15	11.31
6.27	9.77	14.42	12.21	11.15	11.31
6.01	9.36	14.42	12.21	11.15	11.31
5.85	9.11	14.42	12.21	11.15	11.31
5.78	9.00	14.42	12.21	11.15	11.31
6.2	9.66	14.42	12.21	11.15	11.31
5.97	9.30	14.42	12.21	11.15	11.31
6.25	9.71	12.39	11.40	11.64	9.90
6.23	9.68	12.39	11.40	11.64	9.90
6.4	9.94	12.39	11.40	11.64	9.90
6.16	9.57	12.39	11.40	11.64	9.90
5.82	9.04	12.39	11.40	11.64	9.90
5.84	9.07	12.39	11.40	11.64	9.90
6.1	9.48	12.39	11.40	11.64	9.90
6.02	9.35	12.39	11.40	11.64	9.90
5.95	9.24	12.39	11.40	11.64	9.90
6.08	9.45	12.39	11.40	11.64	9.90
6.43	9.99	12.39	11.40	11.64	9.90
7.03	10.92	12.39	11.40	11.64	9.90
6.71	10.43	12.39	11.40	11.64	9.90
6.62	10.29	12.39	11.40	11.64	9.90
6.5	10.10	12.39	11.40	11.64	9.90
6.51	10.11	12.39	11.40	11.64	9.90
6.14	9.54	12.39	11.40	11.64	9.90
5.89	9.15	12.39	11.40	11.64	9.90
5.97	9.28	12.39	11.40	11.64	9.90
6.04	9.38	12.39	11.40	11.64	9.90
6.09	9.46	12.39	11.40	11.64	9.90
5.84	9.07	12.39	11.40	11.64	9.90
5.7	8.81	11.60	11.93	10.25	9.87
5.28	8.16	11.60	11.93	10.25	9.87
5.18	8.00	11.60	11.93	10.25	9.87
5.32	8.22	11.60	11.93	10.25	9.87
5.51	8.51	11.60	11.93	10.25	9.87
5.66	8.75	11.60	11.93	10.25	9.87
5.92	9.15	11.60	11.93	10.25	9.87

6.28	9.70	11.60	11.93	10.25	9.87
6.27	9.69	11.60	11.93	10.25	9.87
6.02	9.30	11.60	11.93	10.25	9.87
5.89	9.10	11.60	11.93	10.25	9.87
6.14	9.49	11.60	11.93	10.25	9.87
5.9	9.12	11.60	11.93	10.25	9.87
6.33	9.78	11.60	11.93	10.25	9.87
6.78	10.48	11.60	11.93	10.25	9.87
6.71	10.37	11.60	11.93	10.25	9.87
7.03	10.86	11.60	11.93	10.25	9.87
7.24	11.19	11.60	11.93	10.25	9.87
8.04	12.42	11.60	11.93	10.25	9.87
8.66	13.32	12.19	10.61	10.19	9.57
8.65	13.31	12.19	10.61	10.19	9.57
7.61	11.71	12.19	10.61	10.19	9.57
7.44	11.45	12.19	10.61	10.19	9.57
6.97	10.72	12.19	10.61	10.19	9.57
7.06	10.86	12.19	10.61	10.19	9.57
7.6	11.69	12.19	10.61	10.19	9.57
7.95	12.23	12.19	10.61	10.19	9.57
7.56	11.63	12.19	10.61	10.19	9.57
6.89	10.60	12.19	10.61	10.19	9.57
6.9	10.62	12.19	10.61	10.19	9.57
7.01	10.78	12.19	10.61	10.19	9.57
6.73	10.35	12.19	10.61	10.19	9.57
6.66	10.25	12.19	10.61	10.19	9.57
6.72	10.34	12.19	10.61	10.19	9.57
6.86	10.55	12.19	10.61	10.19	9.57
7.19	11.06	12.19	10.61	10.19	9.57
7.22	11.11	12.19	10.61	10.19	9.57
7.48	11.51	12.19	10.61	10.19	9.57
6.51	10.02	12.19	10.61	10.19	9.57
6.24	9.60	12.19	10.61	10.19	9.57
6.4	9.85	12.19	10.61	10.19	9.57
5.8	8.92	12.19	10.61	10.19	9.57
5.24	8.10	11.21	10.70	9.91	10.81
5.45	8.43	11.21	10.70	9.91	10.81
5.7	8.81	11.21	10.70	9.91	10.81
5.64	8.72	11.21	10.70	9.91	10.81
5.31	8.21	11.21	10.70	9.91	10.81
5.29	8.18	11.21	10.70	9.91	10.81
5.57	8.61	11.21	10.70	9.91	10.81
5.4	8.35	11.21	10.70	9.91	10.81
5.09	7.87	11.21	10.70	9.91	10.81

4.4	6.80	11.21	10.70	9.91	10.81
5.02	7.76	11.21	10.70	9.91	10.81
4.99	7.71	11.21	10.70	9.91	10.81
4.87	7.53	11.21	10.70	9.91	10.81
4.65	7.19	11.21	10.70	9.91	10.81
4.47	6.91	11.21	10.70	9.91	10.81
4.31	6.66	11.21	10.70	9.91	10.81
4.36	6.74	11.21	10.70	9.91	10.81
4.35	6.73	11.21	10.70	9.91	10.81
4.15	6.42	11.21	10.70	9.91	10.81
3.66	5.66	11.21	10.70	9.91	10.81
4.11	6.38	11.49	10.61	11.39	8.10
4.01	6.23	11.49	10.61	11.39	8.10
4.38	6.80	11.49	10.61	11.39	8.10
4.69	7.28	11.49	10.61	11.39	8.10
4.41	6.85	11.49	10.61	11.39	8.10
5.06	7.86	11.49	10.61	11.39	8.10
5.16	8.01	11.49	10.61	11.39	8.10
5.66	8.79	11.49	10.61	11.39	8.10
5.17	8.03	11.49	10.61	11.39	8.10
4.3	6.68	11.49	10.61	11.39	8.10
5.13	7.97	11.49	10.61	11.39	8.10
6.26	9.72	11.49	10.61	11.39	8.10
6.07	9.43	11.49	10.61	11.39	8.10
6.77	10.51	11.49	10.61	11.39	8.10
6.88	10.68	11.49	10.61	11.39	8.10
7.29	11.32	11.49	10.61	11.39	8.10
7.13	11.07	11.49	10.61	11.39	8.10
7.2	11.18	11.49	10.61	11.39	8.10
7.91	12.28	11.49	10.61	11.39	8.10
7.41	11.51	11.49	10.61	11.39	8.10
6.99	10.85	11.49	10.61	11.39	8.10
6.64	10.31	11.49	10.61	11.39	8.10
7.15	11.10	12.82	14.15	10.54	10.30
7.32	11.36	12.82	14.15	10.54	10.30
7.43	11.53	12.82	14.15	10.54	10.30
6.72	10.43	12.82	14.15	10.54	10.30
6.59	10.23	12.82	14.15	10.54	10.30
7.39	11.47	12.82	14.15	10.54	10.30
7.35	11.41	12.82	14.15	10.54	10.30
7.16	11.11	12.82	14.15	10.54	10.30
7.26	11.27	12.82	14.15	10.54	10.30
7.42	11.52	12.82	14.15	10.54	10.30
7.45	11.56	12.82	14.15	10.54	10.30

7.59	11.78	12.82	14.15	10.54	10.30
7.23	11.22	12.82	14.15	10.54	10.30
7.79	12.09	12.82	14.15	10.54	10.30
7.57	11.75	12.82	14.15	10.54	10.30
7.42	11.52	12.82	14.15	10.54	10.30
7.58	11.77	12.82	14.15	10.54	10.30
7.61	11.81	12.82	14.15	10.54	10.30
7.74	12.01	12.82	14.15	10.54	10.30
8.32	12.91	12.82	14.15	10.54	10.30
8.42	13.00	16.23	12.87	12.05	12.34
7.84	12.10	16.23	12.87	12.05	12.34
7.32	11.30	16.23	12.87	12.05	12.34
7.32	11.30	16.23	12.87	12.05	12.34
7.61	11.75	16.23	12.87	12.05	12.34
7.45	11.50	16.23	12.87	12.05	12.34
6.81	10.51	16.23	12.87	12.05	12.34
6.93	10.70	16.23	12.87	12.05	12.34
7.21	11.13	16.23	12.87	12.05	12.34
7.26	11.21	16.23	12.87	12.05	12.34
6.82	10.53	16.23	12.87	12.05	12.34
6.62	10.22	16.23	12.87	12.05	12.34
6.27	9.68	16.23	12.87	12.05	12.34
6.43	9.93	16.23	12.87	12.05	12.34
6.09	9.40	16.23	12.87	12.05	12.34
5.88	9.08	16.23	12.87	12.05	12.34
5.72	8.83	16.23	12.87	12.05	12.34
5.54	8.55	16.23	12.87	12.05	12.34
5.63	8.69	16.23	12.87	12.05	12.34
5.5	8.49	16.23	12.87	12.05	12.34
5.4	8.32	13.70	12.72	12.95	11.04
5.47	8.43	13.70	12.72	12.95	11.04
5.6	8.63	13.70	12.72	12.95	11.04
5.52	8.51	13.70	12.72	12.95	11.04
6.02	9.28	13.70	12.72	12.95	11.04
6.15	9.48	13.70	12.72	12.95	11.04
6.42	9.89	13.70	12.72	12.95	11.04
6.09	9.39	13.70	12.72	12.95	11.04
5.97	9.20	13.70	12.72	12.95	11.04
6.82	10.51	13.70	12.72	12.95	11.04
6.57	10.13	13.70	12.72	12.95	11.04
6.29	9.69	13.70	12.72	12.95	11.04
6.4	9.86	13.70	12.72	12.95	11.04
7.2	11.10	13.70	12.72	12.95	11.04
7.53	11.61	13.70	12.72	12.95	11.04

7.58	11.68	13.70	12.72	12.95	11.04
7.18	11.07	13.70	12.72	12.95	11.04
6.95	10.71	13.70	12.72	12.95	11.04
7.35	11.33	13.70	12.72	12.95	11.04
7.32	11.28	13.70	12.72	12.95	11.04
7.76	11.96	13.70	12.72	12.95	11.04
7.93	12.17	12.72	12.95	11.20	10.40
8.17	12.54	12.72	12.95	11.20	10.40
9.14	14.03	12.72	12.95	11.20	10.40
8.29	12.73	12.72	12.95	11.20	10.40
7.9	12.13	12.72	12.95	11.20	10.40
8.06	12.37	12.72	12.95	11.20	10.40
8.16	12.53	12.72	12.95	11.20	10.40
7.78	11.94	12.72	12.95	11.20	10.40
8.09	12.42	12.72	12.95	11.20	10.40
8.9	13.66	12.72	12.95	11.20	10.40
8.91	13.68	12.72	12.95	11.20	10.40
8.45	12.97	12.72	12.95	11.20	10.40
7.34	11.27	12.72	12.95	11.20	10.40
7.51	11.53	12.72	12.95	11.20	10.40
7.47	11.47	12.72	12.95	11.20	10.40
7.53	11.56	12.72	12.95	11.20	10.40
7.73	11.87	12.72	12.95	11.20	10.40
7.44	11.42	12.72	12.95	11.20	10.40
7.23	11.10	12.72	12.95	11.20	10.40
7.07	10.80	12.63	11.19	10.44	11.53
7.22	11.03	12.63	11.19	10.44	11.53
7.36	11.24	12.63	11.19	10.44	11.53
7.55	11.53	12.63	11.19	10.44	11.53
7.5	11.45	12.63	11.19	10.44	11.53
7.14	10.90	12.63	11.19	10.44	11.53
7.05	10.77	12.63	11.19	10.44	11.53
6.81	10.40	12.63	11.19	10.44	11.53
6.78	10.36	12.63	11.19	10.44	11.53
6.86	10.48	12.63	11.19	10.44	11.53
7.02	10.72	12.63	11.19	10.44	11.53
6.84	10.45	12.63	11.19	10.44	11.53
6.7	10.23	12.63	11.19	10.44	11.53
6.81	10.40	12.63	11.19	10.44	11.53
6.82	10.42	12.63	11.19	10.44	11.53
7.07	10.80	12.63	11.19	10.44	11.53
7.16	10.94	12.63	11.19	10.44	11.53
7.15	10.92	12.63	11.19	10.44	11.53
7.15	10.92	12.63	11.19	10.44	11.53

7.47	11.41	12.63	11.19	10.44	11.53
7.34	11.21	12.63	11.19	10.44	11.53
7.5	11.45	12.63	11.19	10.44	11.53
7.62	11.60	11.08	10.51	11.57	11.00
7.57	11.53	11.08	10.51	11.57	11.00
7.46	11.36	11.08	10.51	11.57	11.00
7.53	11.47	11.08	10.51	11.57	11.00
7.65	11.65	11.08	10.51	11.57	11.00
7.65	11.65	11.08	10.51	11.57	11.00
7.97	12.14	11.08	10.51	11.57	11.00
7.95	12.11	11.08	10.51	11.57	11.00
7.93	12.08	11.08	10.51	11.57	11.00
7.66	11.66	11.08	10.51	11.57	11.00
7.5	11.42	11.08	10.51	11.57	11.00
7.54	11.48	11.08	10.51	11.57	11.00
7.54	11.48	11.08	10.51	11.57	11.00
7.32	11.15	11.08	10.51	11.57	11.00
7.24	11.02	11.08	10.51	11.57	11.00
7.57	11.53	11.08	10.51	11.57	11.00
7.6	11.57	11.08	10.51	11.57	11.00
7.56	11.51	11.08	10.51	11.57	11.00
7.44	11.33	11.08	10.51	11.57	11.00
7.71	11.74	11.08	10.51	11.57	11.00
7.64	11.59	10.58	11.63	11.14	11.57
7.64	11.59	10.58	11.63	11.14	11.57
7.58	11.49	10.58	11.63	11.14	11.57
7.82	11.86	10.58	11.63	11.14	11.57
7.69	11.66	10.58	11.63	11.14	11.57
7.5	11.37	10.58	11.63	11.14	11.57
7.46	11.31	10.58	11.63	11.14	11.57
7.63	11.57	10.58	11.63	11.14	11.57
7.53	11.42	10.58	11.63	11.14	11.57
7.85	11.90	10.58	11.63	11.14	11.57
7.68	11.65	10.58	11.63	11.14	11.57
7.62	11.56	10.58	11.63	11.14	11.57
7.69	11.66	10.58	11.63	11.14	11.57
7.87	11.93	10.58	11.63	11.14	11.57
7.66	11.62	10.58	11.63	11.14	11.57
7.6	11.53	10.58	11.63	11.14	11.57
7.51	11.39	10.58	11.63	11.14	11.57
7.56	11.46	10.58	11.63	11.14	11.57
7.47	11.33	10.58	11.63	11.14	11.57
7.51	11.39	10.58	11.63	11.14	11.57
7.71	11.69	10.58	11.63	11.14	11.57

7.8	11.83	10.58	11.63	11.14	11.57
7.57	11.45	11.73	11.32	11.74	11.83
7.73	11.70	11.73	11.32	11.74	11.83
7.83	11.85	11.73	11.32	11.74	11.83
7.83	11.85	11.73	11.32	11.74	11.83
7.89	11.94	11.73	11.32	11.74	11.83
7.52	11.38	11.73	11.32	11.74	11.83
7.42	11.23	11.73	11.32	11.74	11.83
7.45	11.27	11.73	11.32	11.74	11.83
7.6	11.50	11.73	11.32	11.74	11.83
7.48	11.32	11.73	11.32	11.74	11.83
7.58	11.47	11.73	11.32	11.74	11.83
7.69	11.63	11.73	11.32	11.74	11.83
7.46	11.29	11.73	11.32	11.74	11.83
7.39	11.18	11.73	11.32	11.74	11.83
7.24	10.95	11.73	11.32	11.74	11.83
7.04	10.65	11.73	11.32	11.74	11.83
6.77	10.24	11.73	11.32	11.74	11.83
6.85	10.36	11.73	11.32	11.74	11.83
6.74	10.20	11.73	11.32	11.74	11.83
6.79	10.27	11.73	11.32	11.74	11.83
6.4	9.68	11.73	11.32	11.74	11.83
6.24	9.42	11.50	11.96	12.05	11.33
6.37	9.62	11.50	11.96	12.05	11.33
6.3	9.51	11.50	11.96	12.05	11.33
6.15	9.29	11.50	11.96	12.05	11.33
6.39	9.65	11.50	11.96	12.05	11.33
6.44	9.73	11.50	11.96	12.05	11.33
6.66	10.06	11.50	11.96	12.05	11.33
6.26	9.45	11.50	11.96	12.05	11.33
6.27	9.47	11.50	11.96	12.05	11.33
6.32	9.54	11.50	11.96	12.05	11.33
6.34	9.58	11.50	11.96	12.05	11.33
6.23	9.41	11.50	11.96	12.05	11.33
6.5	9.82	11.50	11.96	12.05	11.33
6.46	9.76	11.50	11.96	12.05	11.33
6	9.06	11.50	11.96	12.05	11.33
5.66	8.55	11.50	11.96	12.05	11.33
5.56	8.40	11.50	11.96	12.05	11.33
5.83	8.80	11.50	11.96	12.05	11.33
5.77	8.71	11.50	11.96	12.05	11.33
6.31	9.53	11.50	11.96	12.05	11.33
6.53	9.86	11.50	11.96	12.05	11.33
6.19	9.35	12.11	12.22	11.53	9.66

6.34	9.57	12.11	12.22	11.53	9.66
6.11	9.22	12.11	12.22	11.53	9.66
6.1	9.21	12.11	12.22	11.53	9.66
6.38	9.63	12.11	12.22	11.53	9.66
6.24	9.42	12.11	12.22	11.53	9.66
6.45	9.74	12.11	12.22	11.53	9.66
6.57	9.92	12.11	12.22	11.53	9.66
7.15	10.80	12.11	12.22	11.53	9.66
6.86	10.36	12.11	12.22	11.53	9.66
7.3	11.02	12.11	12.22	11.53	9.66
6.96	10.51	12.11	12.22	11.53	9.66
7.14	10.78	12.11	12.22	11.53	9.66
6.47	9.77	12.11	12.22	11.53	9.66
5.92	8.94	12.11	12.22	11.53	9.66
5.84	8.82	12.11	12.22	11.53	9.66
5.73	8.65	12.11	12.22	11.53	9.66
5.69	8.59	12.11	12.22	11.53	9.66
5.34	8.06	12.11	12.22	11.53	9.66
5.56	8.39	12.11	12.22	11.53	9.66
5.64	8.52	12.11	12.22	11.53	9.66
5.54	8.36	12.11	12.22	11.53	9.66
5.49	8.29	12.11	12.22	11.53	9.66
5.3	7.97	12.27	11.62	9.79	9.23
5.8	8.72	12.27	11.62	9.79	9.23
6.02	9.05	12.27	11.62	9.79	9.23
5.53	8.31	12.27	11.62	9.79	9.23
5.56	8.36	12.27	11.62	9.79	9.23
5.98	8.99	12.27	11.62	9.79	9.23
6.13	9.22	12.27	11.62	9.79	9.23
6.27	9.43	12.27	11.62	9.79	9.23
6.23	9.37	12.27	11.62	9.79	9.23
6.38	9.59	12.27	11.62	9.79	9.23
6.42	9.65	12.27	11.62	9.79	9.23
6.25	9.40	12.27	11.62	9.79	9.23
6.02	9.05	12.27	11.62	9.79	9.23
5.96	8.96	12.27	11.62	9.79	9.23
6.12	9.20	12.27	11.62	9.79	9.23
6.54	9.83	12.27	11.62	9.79	9.23
6.47	9.73	12.27	11.62	9.79	9.23
6.38	9.59	12.27	11.62	9.79	9.23
6.15	9.25	12.27	11.62	9.79	9.23
6.07	9.10	11.88	10.14	9.59	9.28
6.55	9.82	11.88	10.14	9.59	9.28
6.96	10.43	11.88	10.14	9.59	9.28

6.91	10.36	11.88	10.14	9.59	9.28
6.77	10.15	11.88	10.14	9.59	9.28
6.69	10.03	11.88	10.14	9.59	9.28
6.63	9.94	11.88	10.14	9.59	9.28
6.79	10.18	11.88	10.14	9.59	9.28
6.85	10.27	11.88	10.14	9.59	9.28
6.46	9.68	11.88	10.14	9.59	9.28
7.09	10.63	11.88	10.14	9.59	9.28
7.29	10.93	11.88	10.14	9.59	9.28
7.12	10.67	11.88	10.14	9.59	9.28
7.11	10.66	11.88	10.14	9.59	9.28
6.91	10.36	11.88	10.14	9.59	9.28
6.63	9.94	11.88	10.14	9.59	9.28
6.3	9.44	11.88	10.14	9.59	9.28
6.11	9.16	11.88	10.14	9.59	9.28
6.49	9.73	11.88	10.14	9.59	9.28
6.43	9.64	11.88	10.14	9.59	9.28
6.66	9.98	11.88	10.14	9.59	9.28
6.99	10.48	11.88	10.14	9.59	9.28
7.28	10.91	11.88	10.14	9.59	9.28
7.09	10.54	11.33	10.83	10.41	10.74
6.63	9.86	11.33	10.83	10.41	10.74
6.71	9.98	11.33	10.83	10.41	10.74
7.2	10.71	11.33	10.83	10.41	10.74
7.42	11.03	11.33	10.83	10.41	10.74
6.81	10.13	11.33	10.83	10.41	10.74
6.59	9.80	11.33	10.83	10.41	10.74
6.83	10.16	11.33	10.83	10.41	10.74
7.22	10.74	11.33	10.83	10.41	10.74
7.28	10.83	11.33	10.83	10.41	10.74
7.35	10.93	11.33	10.83	10.41	10.74
7.29	10.84	11.33	10.83	10.41	10.74
7.38	10.97	11.33	10.83	10.41	10.74
6.81	10.13	11.33	10.83	10.41	10.74
6.67	9.92	11.33	10.83	10.41	10.74
6.67	9.92	11.33	10.83	10.41	10.74
7.53	11.20	11.33	10.83	10.41	10.74
7.42	11.03	11.33	10.83	10.41	10.74
7.51	11.17	11.33	10.83	10.41	10.74
7.45	11.08	11.33	10.83	10.41	10.74
7.29	10.84	11.33	10.83	10.41	10.74
6.97	10.34	11.97	11.44	11.68	11.53
7.27	10.78	11.97	11.44	11.68	11.53
7.04	10.44	11.97	11.44	11.68	11.53

7.29	10.81	11.97	11.44	11.68	11.53
7.04	10.44	11.97	11.44	11.68	11.53
6.98	10.35	11.97	11.44	11.68	11.53
7.12	10.56	11.97	11.44	11.68	11.53
7.22	10.71	11.97	11.44	11.68	11.53
7.46	11.06	11.97	11.44	11.68	11.53
7.09	10.51	11.97	11.44	11.68	11.53
7.06	10.47	11.97	11.44	11.68	11.53
7.16	10.62	11.97	11.44	11.68	11.53
7.18	10.65	11.97	11.44	11.68	11.53
7.19	10.66	11.97	11.44	11.68	11.53
7.03	10.42	11.97	11.44	11.68	11.53
7.03	10.42	11.97	11.44	11.68	11.53
6.94	10.29	11.97	11.44	11.68	11.53
6.8	10.08	11.97	11.44	11.68	11.53
7.11	10.54	11.97	11.44	11.68	11.53
7.11	10.54	11.97	11.44	11.68	11.53
7.83	11.57	11.89	12.12	11.98	10.61
7.84	11.59	11.89	12.12	11.98	10.61
7.51	11.10	11.89	12.12	11.98	10.61
7.61	11.25	11.89	12.12	11.98	10.61
7.59	11.22	11.89	12.12	11.98	10.61
7.89	11.66	11.89	12.12	11.98	10.61
7.96	11.76	11.89	12.12	11.98	10.61
8.13	12.01	11.89	12.12	11.98	10.61
8.45	12.49	11.89	12.12	11.98	10.61
8.43	12.46	11.89	12.12	11.98	10.61
8.23	12.16	11.89	12.12	11.98	10.61
8.1	11.97	11.89	12.12	11.98	10.61
8.42	12.44	11.89	12.12	11.98	10.61
7.97	11.78	11.89	12.12	11.98	10.61
7.84	11.59	11.89	12.12	11.98	10.61
7.85	11.60	11.89	12.12	11.98	10.61
7.8	11.53	11.89	12.12	11.98	10.61
7.87	11.63	11.89	12.12	11.98	10.61
8.1	11.97	11.89	12.12	11.98	10.61
8.17	12.07	11.89	12.12	11.98	10.61
8.1	11.97	11.89	12.12	11.98	10.61
7.88	11.62	12.11	12.01	10.72	11.78
7.56	11.14	12.11	12.01	10.72	11.78
7.8	11.50	12.11	12.01	10.72	11.78
7.94	11.70	12.11	12.01	10.72	11.78
7.99	11.78	12.11	12.01	10.72	11.78
8.06	11.88	12.11	12.01	10.72	11.78

8.38	12.35	12.11	12.01	10.72	11.78
8.37	12.34	12.11	12.01	10.72	11.78
8.35	12.31	12.11	12.01	10.72	11.78
8.5	12.53	12.11	12.01	10.72	11.78
8.73	12.87	12.11	12.01	10.72	11.78
8.91	13.13	12.11	12.01	10.72	11.78
9.08	13.39	12.11	12.01	10.72	11.78
8.9	13.12	12.11	12.01	10.72	11.78
8.65	12.75	12.11	12.01	10.72	11.78
9.15	13.49	12.11	12.01	10.72	11.78
9.21	13.58	12.11	12.01	10.72	11.78
9.21	13.58	12.11	12.01	10.72	11.78
9.11	13.43	12.11	12.01	10.72	11.78
9.1	13.41	12.11	12.01	10.72	11.78
9.07	13.32	11.74	10.70	11.70	12.69
9.21	13.53	11.74	10.70	11.70	12.69
9.37	13.76	11.74	10.70	11.70	12.69
9.7	14.25	11.74	10.70	11.70	12.69
9.82	14.42	11.74	10.70	11.70	12.69
9.59	14.09	11.74	10.70	11.70	12.69
9.85	14.47	11.74	10.70	11.70	12.69
9.69	14.23	11.74	10.70	11.70	12.69
9.74	14.31	11.74	10.70	11.70	12.69
9.84	14.45	11.74	10.70	11.70	12.69
9.59	14.09	11.74	10.70	11.70	12.69
9.1	13.37	11.74	10.70	11.70	12.69
9.11	13.38	11.74	10.70	11.70	12.69
8.54	12.54	11.74	10.70	11.70	12.69
8.99	13.21	11.74	10.70	11.70	12.69
9.28	13.63	11.74	10.70	11.70	12.69
9.25	13.59	11.74	10.70	11.70	12.69
9.3	13.66	11.74	10.70	11.70	12.69
9.36	13.75	11.74	10.70	11.70	12.69
9.86	14.48	11.74	10.70	11.70	12.69
9.92	14.54	10.67	11.64	12.71	14.10
9.6	14.07	10.67	11.64	12.71	14.10
9.68	14.19	10.67	11.64	12.71	14.10
9.36	13.72	10.67	11.64	12.71	14.10
9.48	13.89	10.67	11.64	12.71	14.10
9.78	14.33	10.67	11.64	12.71	14.10
9.88	14.48	10.67	11.64	12.71	14.10
10.18	14.92	10.67	11.64	12.71	14.10
10.07	14.76	10.67	11.64	12.71	14.10
10.03	14.70	10.67	11.64	12.71	14.10

10.16	14.89	10.67	11.64	12.71	14.10
10.11	14.82	10.67	11.64	12.71	14.10
10.27	15.05	10.67	11.64	12.71	14.10
10.08	14.77	10.67	11.64	12.71	14.10
10.5	15.39	10.67	11.64	12.71	14.10
10.56	15.48	10.67	11.64	12.71	14.10
10.33	15.14	10.67	11.64	12.71	14.10
10.58	15.51	10.67	11.64	12.71	14.10
10.72	15.71	10.67	11.64	12.71	14.10
10.95	16.05	10.67	11.64	12.71	14.10
10.94	16.03	10.67	11.64	12.71	14.10
10.81	15.84	10.67	11.64	12.71	14.10
10.66	15.53	11.64	12.69	14.13	14.99
10.37	15.11	11.64	12.69	14.13	14.99
10.77	15.69	11.64	12.69	14.13	14.99
11.09	16.16	11.64	12.69	14.13	14.99
11.08	16.14	11.64	12.69	14.13	14.99
11.33	16.51	11.64	12.69	14.13	14.99
11.29	16.45	11.64	12.69	14.13	14.99
11.38	16.58	11.64	12.69	14.13	14.99
11.18	16.29	11.64	12.69	14.13	14.99
11.52	16.78	11.64	12.69	14.13	14.99
11.41	16.62	11.64	12.69	14.13	14.99
11.31	16.48	11.64	12.69	14.13	14.99
11.1	16.17	11.64	12.69	14.13	14.99
10.94	15.94	11.64	12.69	14.13	14.99
11.4	16.61	11.64	12.69	14.13	14.99
11.57	16.86	11.64	12.69	14.13	14.99
11.56	16.84	11.64	12.69	14.13	14.99
11.85	17.26	11.64	12.69	14.13	14.99
11.6	16.90	11.64	12.69	14.13	14.99
11.81	17.21	11.64	12.69	14.13	14.99
11.43	16.65	11.64	12.69	14.13	14.99
11.8	17.01	12.65	14.09	14.99	16.41
12.27	17.69	12.65	14.09	14.99	16.41
12.17	17.55	12.65	14.09	14.99	16.41
12.49	18.01	12.65	14.09	14.99	16.41
12.71	18.33	12.65	14.09	14.99	16.41
12.71	18.33	12.65	14.09	14.99	16.41
12.72	18.34	12.65	14.09	14.99	16.41
12.49	18.01	12.65	14.09	14.99	16.41
12.51	18.04	12.65	14.09	14.99	16.41
12.51	18.04	12.65	14.09	14.99	16.41
12.73	18.35	12.65	14.09	14.99	16.41

12.87	18.56	12.65	14.09	14.99	16.41
12.93	18.64	12.65	14.09	14.99	16.41
13.09	18.87	12.65	14.09	14.99	16.41
12.76	18.40	12.65	14.09	14.99	16.41
12.92	18.63	12.65	14.09	14.99	16.41
12.96	18.69	12.65	14.09	14.99	16.41
12.76	18.40	12.65	14.09	14.99	16.41
12.7	18.31	12.65	14.09	14.99	16.41
13.1	18.89	12.65	14.09	14.99	16.41
13.19	19.02	12.65	14.09	14.99	16.41
13.28	19.01	14.12	15.03	16.48	18.30
13.31	19.05	14.12	15.03	16.48	18.30
13	18.61	14.12	15.03	16.48	18.30
12.96	18.55	14.12	15.03	16.48	18.30
12.47	17.85	14.12	15.03	16.48	18.30
12.1	17.32	14.12	15.03	16.48	18.30
11.83	16.94	14.12	15.03	16.48	18.30
12.15	17.39	14.12	15.03	16.48	18.30
11.58	16.58	14.12	15.03	16.48	18.30
11.79	16.88	14.12	15.03	16.48	18.30
11.15	15.96	14.12	15.03	16.48	18.30
11.43	16.36	14.12	15.03	16.48	18.30
10.54	15.09	14.12	15.03	16.48	18.30
10.58	15.15	14.12	15.03	16.48	18.30
10.16	14.54	14.12	15.03	16.48	18.30
9.88	14.14	14.12	15.03	16.48	18.30
9.7	13.89	14.12	15.03	16.48	18.30
9.34	13.37	14.12	15.03	16.48	18.30
9.26	13.26	14.12	15.03	16.48	18.30
9.17	13.13	14.12	15.03	16.48	18.30
9.01	12.90	14.12	15.03	16.48	18.30
9.26	13.26	14.12	15.03	16.48	18.30
9.05	12.97	15.14	16.61	18.47	15.87
9.2	13.19	15.14	16.61	18.47	15.87
8.66	12.42	15.14	16.61	18.47	15.87
8.7	12.47	15.14	16.61	18.47	15.87
8.77	12.57	15.14	16.61	18.47	15.87
8.22	11.78	15.14	16.61	18.47	15.87
8.18	11.73	15.14	16.61	18.47	15.87
8.23	11.80	15.14	16.61	18.47	15.87
8.11	11.63	15.14	16.61	18.47	15.87
8.15	11.68	15.14	16.61	18.47	15.87
7.82	11.21	15.14	16.61	18.47	15.87
7.74	11.10	15.14	16.61	18.47	15.87

7.73	11.08	15.14	16.61	18.47	15.87
8.02	11.50	15.14	16.61	18.47	15.87
8.04	11.53	15.14	16.61	18.47	15.87
7.98	11.44	15.14	16.61	18.47	15.87
7.63	10.94	15.14	16.61	18.47	15.87
8.02	11.50	15.14	16.61	18.47	15.87
8.54	12.24	15.14	16.61	18.47	15.87
8.36	11.99	15.14	16.61	18.47	15.87
8.24	11.81	15.14	16.61	18.47	15.87
8.24	11.80	16.64	18.50	15.95	11.89
7.26	10.40	16.64	18.50	15.95	11.89
7.24	10.37	16.64	18.50	15.95	11.89
7.4	10.60	16.64	18.50	15.95	11.89
7.68	11.00	16.64	18.50	15.95	11.89
7.28	10.43	16.64	18.50	15.95	11.89
7.65	10.96	16.64	18.50	15.95	11.89
7.83	11.22	16.64	18.50	15.95	11.89
8.02	11.49	16.64	18.50	15.95	11.89
8.02	11.49	16.64	18.50	15.95	11.89
7.76	11.12	16.64	18.50	15.95	11.89
7.72	11.06	16.64	18.50	15.95	11.89
8.26	11.83	16.64	18.50	15.95	11.89
7.79	11.16	16.64	18.50	15.95	11.89
7.66	10.97	16.64	18.50	15.95	11.89
7.84	11.23	16.64	18.50	15.95	11.89
8.15	11.67	16.64	18.50	15.95	11.89
7.63	10.93	16.64	18.50	15.95	11.89
7.42	10.63	16.64	18.50	15.95	11.89
7.13	10.21	16.64	18.50	15.95	11.89
7.17	10.27	16.64	18.50	15.95	11.89
7.41	10.71	18.78	16.27	12.19	10.82
7.64	11.04	18.78	16.27	12.19	10.82
7.16	10.35	18.78	16.27	12.19	10.82
6.87	9.93	18.78	16.27	12.19	10.82
6.74	9.74	18.78	16.27	12.19	10.82
6.58	9.51	18.78	16.27	12.19	10.82
6.69	9.67	18.78	16.27	12.19	10.82
6.52	9.42	18.78	16.27	12.19	10.82
6.62	9.57	18.78	16.27	12.19	10.82
6.74	9.74	18.78	16.27	12.19	10.82
6.64	9.59	18.78	16.27	12.19	10.82
6.65	9.61	18.78	16.27	12.19	10.82
6.76	9.77	18.78	16.27	12.19	10.82
6.98	10.09	18.78	16.27	12.19	10.82

6.76	9.77	18.78	16.27	12.19	10.82
6.94	10.03	18.78	16.27	12.19	10.82
6.77	9.78	18.78	16.27	12.19	10.82
6.29	9.09	18.78	16.27	12.19	10.82
6.27	9.06	18.78	16.27	12.19	10.82
6.4	9.25	18.78	16.27	12.19	10.82
6.58	9.51	18.78	16.27	12.19	10.82
6.75	9.75	18.78	16.27	12.19	10.82
6.18	8.93	18.78	16.27	12.19	10.82
6.45	9.49	17.04	12.97	11.47	9.90
6.79	9.99	17.04	12.97	11.47	9.90
6.94	10.21	17.04	12.97	11.47	9.90
7.04	10.36	17.04	12.97	11.47	9.90
6.6	9.71	17.04	12.97	11.47	9.90
7.07	10.40	17.04	12.97	11.47	9.90
7.02	10.33	17.04	12.97	11.47	9.90
6.65	9.78	17.04	12.97	11.47	9.90
6.31	9.28	17.04	12.97	11.47	9.90
6.33	9.31	17.04	12.97	11.47	9.90
6.55	9.63	17.04	12.97	11.47	9.90
6.74	9.91	17.04	12.97	11.47	9.90
6.76	9.94	17.04	12.97	11.47	9.90
6.76	9.94	17.04	12.97	11.47	9.90
6.56	9.65	17.04	12.97	11.47	9.90
6.85	10.08	17.04	12.97	11.47	9.90
6.71	9.87	17.04	12.97	11.47	9.90
6.43	9.46	17.04	12.97	11.47	9.90
6.43	9.46	17.04	12.97	11.47	9.90
6.48	9.61	13.64	12.12	10.40	9.94
6.68	9.91	13.64	12.12	10.40	9.94
6.48	9.61	13.64	12.12	10.40	9.94
6.55	9.71	13.64	12.12	10.40	9.94
5.99	8.88	13.64	12.12	10.40	9.94
5.73	8.50	13.64	12.12	10.40	9.94
5.57	8.26	13.64	12.12	10.40	9.94
5.67	8.41	13.64	12.12	10.40	9.94
5.86	8.69	13.64	12.12	10.40	9.94
5.56	8.25	13.64	12.12	10.40	9.94
5.75	8.53	13.64	12.12	10.40	9.94
5.75	8.53	13.64	12.12	10.40	9.94
5.79	8.59	13.64	12.12	10.40	9.94
5.63	8.35	13.64	12.12	10.40	9.94
5.66	8.39	13.64	12.12	10.40	9.94
5.39	7.99	13.64	12.12	10.40	9.94

5.37	7.96	13.64	12.12	10.40	9.94
5.44	8.07	13.64	12.12	10.40	9.94
5.44	8.07	13.64	12.12	10.40	9.94
5.81	8.62	13.64	12.12	10.40	9.94
5.71	8.47	13.64	12.12	10.40	9.94
5.63	8.35	13.64	12.12	10.40	9.94
5.41	8.00	12.40	10.73	10.10	8.56
5.83	8.62	12.40	10.73	10.10	8.56
6.1	9.02	12.40	10.73	10.10	8.56
5.89	8.71	12.40	10.73	10.10	8.56
5.96	8.82	12.40	10.73	10.10	8.56
5.6	8.28	12.40	10.73	10.10	8.56
5.59	8.27	12.40	10.73	10.10	8.56
5.7	8.43	12.40	10.73	10.10	8.56
5.47	8.09	12.40	10.73	10.10	8.56
5.27	7.80	12.40	10.73	10.10	8.56
5.09	7.53	12.40	10.73	10.10	8.56
4.86	7.19	12.40	10.73	10.10	8.56
4.87	7.20	12.40	10.73	10.10	8.56
4.72	6.98	12.40	10.73	10.10	8.56
4.75	7.03	12.40	10.73	10.10	8.56
4.62	6.83	12.40	10.73	10.10	8.56
4.76	7.04	12.40	10.73	10.10	8.56
4.84	7.16	12.40	10.73	10.10	8.56
4.71	6.97	12.40	10.73	10.10	8.56
4.77	7.06	12.40	10.73	10.10	8.56
4.48	6.60	10.77	10.12	8.58	7.47
5.04	7.43	10.77	10.12	8.58	7.47
5.01	7.38	10.77	10.12	8.58	7.47
4.84	7.13	10.77	10.12	8.58	7.47
4.67	6.88	10.77	10.12	8.58	7.47
4.76	7.02	10.77	10.12	8.58	7.47
4.84	7.13	10.77	10.12	8.58	7.47
4.68	6.90	10.77	10.12	8.58	7.47
4.73	6.97	10.77	10.12	8.58	7.47
4.6	6.78	10.77	10.12	8.58	7.47
4.35	6.41	10.77	10.12	8.58	7.47
4.35	6.41	10.77	10.12	8.58	7.47
4.46	6.57	10.77	10.12	8.58	7.47
4.21	6.21	10.77	10.12	8.58	7.47
4.23	6.24	10.77	10.12	8.58	7.47
4.21	6.21	10.77	10.12	8.58	7.47
4.2	6.19	10.77	10.12	8.58	7.47
4.08	6.01	10.77	10.12	8.58	7.47

4.04	5.96	10.77	10.12	8.58	7.47
4.36	6.43	10.09	8.62	7.47	6.45
4.43	6.54	10.09	8.62	7.47	6.45
4.23	6.24	10.09	8.62	7.47	6.45
4.22	6.23	10.09	8.62	7.47	6.45
3.93	5.80	10.09	8.62	7.47	6.45
3.86	5.70	10.09	8.62	7.47	6.45
3.88	5.72	10.09	8.62	7.47	6.45
3.92	5.78	10.09	8.62	7.47	6.45
3.87	5.71	10.09	8.62	7.47	6.45
3.9	5.75	10.09	8.62	7.47	6.45
3.78	5.58	10.09	8.62	7.47	6.45
3.78	5.58	10.09	8.62	7.47	6.45
3.75	5.53	10.09	8.62	7.47	6.45
3.68	5.43	10.09	8.62	7.47	6.45
3.99	5.89	10.09	8.62	7.47	6.45
4.17	6.15	10.09	8.62	7.47	6.45
4.13	6.09	10.09	8.62	7.47	6.45
4.13	6.09	10.09	8.62	7.47	6.45
4.16	6.14	10.09	8.62	7.47	6.45
3.73	5.50	10.09	8.62	7.47	6.45
3.63	5.36	10.09	8.62	7.47	6.45
3.58	5.28	10.09	8.62	7.47	6.45
3.56	5.25	8.69	7.56	6.49	5.90
3.69	5.44	8.69	7.56	6.49	5.90
3.66	5.39	8.69	7.56	6.49	5.90
3.74	5.51	8.69	7.56	6.49	5.90
3.6	5.31	8.69	7.56	6.49	5.90
3.5	5.16	8.69	7.56	6.49	5.90
3.59	5.29	8.69	7.56	6.49	5.90
3.46	5.10	8.69	7.56	6.49	5.90
3.59	5.29	8.69	7.56	6.49	5.90
3.6	5.31	8.69	7.56	6.49	5.90
3.54	5.22	8.69	7.56	6.49	5.90
3.47	5.11	8.69	7.56	6.49	5.90
3.55	5.23	8.69	7.56	6.49	5.90
3.43	5.06	8.69	7.56	6.49	5.90
3.48	5.13	8.69	7.56	6.49	5.90
3.46	5.10	8.69	7.56	6.49	5.90
3.31	4.88	8.69	7.56	6.49	5.90
3.19	4.70	8.69	7.56	6.49	5.90
3.29	4.85	8.69	7.56	6.49	5.90
3.43	5.06	8.69	7.56	6.49	5.90
3.25	4.79	8.69	7.56	6.49	5.90

3.3	4.86	7.66	6.62	6.01	5.24
3.47	5.11	7.66	6.62	6.01	5.24
3.62	5.33	7.66	6.62	6.01	5.24
3.67	5.40	7.66	6.62	6.01	5.24
3.96	5.83	7.66	6.62	6.01	5.24
4.16	6.12	7.66	6.62	6.01	5.24
4.24	6.24	7.66	6.62	6.01	5.24
4.41	6.49	7.66	6.62	6.01	5.24
4.42	6.51	7.66	6.62	6.01	5.24
4.1	6.03	7.66	6.62	6.01	5.24
4.05	5.96	7.66	6.62	6.01	5.24
4.02	5.92	7.66	6.62	6.01	5.24
3.99	5.87	7.66	6.62	6.01	5.24
3.75	5.52	7.66	6.62	6.01	5.24
3.77	5.55	7.66	6.62	6.01	5.24
3.41	5.02	7.66	6.62	6.01	5.24
3.35	4.93	7.66	6.62	6.01	5.24
3.49	5.14	7.66	6.62	6.01	5.24
3.55	5.23	7.66	6.62	6.01	5.24
3.92	5.77	7.66	6.62	6.01	5.24
3.86	5.63	6.76	6.15	5.39	5.74
4.05	5.91	6.76	6.15	5.39	5.74
3.81	5.56	6.76	6.15	5.39	5.74
3.58	5.23	6.76	6.15	5.39	5.74
3.51	5.12	6.76	6.15	5.39	5.74
3.53	5.15	6.76	6.15	5.39	5.74
3.53	5.15	6.76	6.15	5.39	5.74
3.56	5.20	6.76	6.15	5.39	5.74
3.51	5.12	6.76	6.15	5.39	5.74
3.54	5.17	6.76	6.15	5.39	5.74
3.8	5.55	6.76	6.15	5.39	5.74
4.16	6.07	6.76	6.15	5.39	5.74
3.99	5.82	6.76	6.15	5.39	5.74
4.19	6.12	6.76	6.15	5.39	5.74
4.04	5.90	6.76	6.15	5.39	5.74
4.01	5.85	6.76	6.15	5.39	5.74
3.91	5.71	6.76	6.15	5.39	5.74
3.8	5.55	6.76	6.15	5.39	5.74
3.82	5.58	6.76	6.15	5.39	5.74
3.81	5.56	6.76	6.15	5.39	5.74
3.88	5.66	6.76	6.15	5.39	5.74
3.72	5.43	6.76	6.15	5.39	5.74
3.63	5.30	6.34	5.61	5.92	5.75
3.49	5.10	6.34	5.61	5.92	5.75

3.24	4.73	6.34	5.61	5.92	5.75
3.3	4.82	6.34	5.61	5.92	5.75
3.22	4.70	6.34	5.61	5.92	5.75
3.36	4.91	6.34	5.61	5.92	5.75
3.24	4.73	6.34	5.61	5.92	5.75
3.17	4.63	6.34	5.61	5.92	5.75
3.29	4.80	6.34	5.61	5.92	5.75
3.37	4.92	6.34	5.61	5.92	5.75
3.21	4.69	6.34	5.61	5.92	5.75
3.39	4.95	6.34	5.61	5.92	5.75
3.49	5.10	6.34	5.61	5.92	5.75
3.48	5.08	6.34	5.61	5.92	5.75
3.49	5.10	6.34	5.61	5.92	5.75
3.66	5.34	6.34	5.61	5.92	5.75
3.37	4.92	6.34	5.61	5.92	5.75
3.46	5.05	6.34	5.61	5.92	5.75
3.49	5.10	6.34	5.61	5.92	5.75
3.41	4.98	6.34	5.61	5.92	5.75
3.34	4.88	6.34	5.61	5.92	5.75
3.34	4.88	6.34	5.61	5.92	5.75
3.43	4.99	5.75	6.07	5.97	5.17
3.53	5.14	5.75	6.07	5.97	5.17
3.61	5.25	5.75	6.07	5.97	5.17
3.78	5.50	5.75	6.07	5.97	5.17
3.57	5.20	5.75	6.07	5.97	5.17
3.55	5.17	5.75	6.07	5.97	5.17
3.54	5.15	5.75	6.07	5.97	5.17
3.36	4.89	5.75	6.07	5.97	5.17
3.34	4.86	5.75	6.07	5.97	5.17
3.18	4.63	5.75	6.07	5.97	5.17
3.11	4.53	5.75	6.07	5.97	5.17
3.12	4.54	5.75	6.07	5.97	5.17
3.03	4.41	5.75	6.07	5.97	5.17
3.03	4.41	5.75	6.07	5.97	5.17
2.78	4.05	5.75	6.07	5.97	5.17
2.69	3.91	5.75	6.07	5.97	5.17
2.85	4.15	5.75	6.07	5.97	5.17
2.76	4.02	5.75	6.07	5.97	5.17
2.76	4.02	5.75	6.07	5.97	5.17
2.52	3.67	5.75	6.07	5.97	5.17
2.42	3.52	5.75	6.07	5.97	5.17
2.36	3.43	6.18	6.17	5.38	4.80
2.25	3.27	6.18	6.17	5.38	4.80
2.06	2.99	6.18	6.17	5.38	4.80

1.83	2.66	6.18	6.17	5.38	4.80
2.43	3.53	6.18	6.17	5.38	4.80
2.72	3.95	6.18	6.17	5.38	4.80
2.68	3.89	6.18	6.17	5.38	4.80
2.94	4.27	6.18	6.17	5.38	4.80
2.84	4.13	6.18	6.17	5.38	4.80
3.21	4.66	6.18	6.17	5.38	4.80
3.28	4.76	6.18	6.17	5.38	4.80
3.5	5.08	6.18	6.17	5.38	4.80
3.21	4.66	6.18	6.17	5.38	4.80
3.35	4.87	6.18	6.17	5.38	4.80
3.37	4.89	6.18	6.17	5.38	4.80
3.43	4.98	6.18	6.17	5.38	4.80
3.56	5.17	6.18	6.17	5.38	4.80
3.61	5.24	6.18	6.17	5.38	4.80
3.54	5.14	6.18	6.17	5.38	4.80
3.3	4.79	6.18	6.17	5.38	4.80
3.25	4.72	6.18	6.17	5.38	4.80
2.91	4.21	6.51	5.76	5.37	5.01
2.32	3.36	6.51	5.76	5.37	5.01
2.89	4.19	6.51	5.76	5.37	5.01
3.23	4.68	6.51	5.76	5.37	5.01
3.7	5.36	6.51	5.76	5.37	5.01
4.24	6.14	6.51	5.76	5.37	5.01
3.92	5.68	6.51	5.76	5.37	5.01
3.96	5.73	6.51	5.76	5.37	5.01
4.03	5.84	6.51	5.76	5.37	5.01
3.82	5.53	6.51	5.76	5.37	5.01
3.88	5.62	6.51	5.76	5.37	5.01
3.94	5.71	6.51	5.76	5.37	5.01
4.22	6.11	6.51	5.76	5.37	5.01
4.6	6.66	6.51	5.76	5.37	5.01
4.8	6.95	6.51	5.76	5.37	5.01
4.98	7.21	6.51	5.76	5.37	5.01
4.88	7.07	6.51	5.76	5.37	5.01
4.52	6.55	6.51	5.76	5.37	5.01
4.52	6.55	6.51	5.76	5.37	5.01
4.59	6.65	6.51	5.76	5.37	5.01
4.11	5.95	6.51	5.76	5.37	5.01
4.11	5.95	6.51	5.76	5.37	5.01
4.32	6.24	6.72	6.60	6.41	6.90
4.33	6.25	6.72	6.60	6.41	6.90
4.49	6.48	6.72	6.60	6.41	6.90
4.3	6.21	6.72	6.60	6.41	6.90

3.95	5.70	6.72	6.60	6.41	6.90
3.78	5.46	6.72	6.60	6.41	6.90
3.76	5.43	6.72	6.60	6.41	6.90
3.59	5.18	6.72	6.60	6.41	6.90
3.24	4.68	6.72	6.60	6.41	6.90
2.51	3.62	6.72	6.60	6.41	6.90
2.65	3.82	6.72	6.60	6.41	6.90
3.47	5.01	6.72	6.60	6.41	6.90
3.74	5.40	6.72	6.60	6.41	6.90
3.57	5.15	6.72	6.60	6.41	6.90
3.09	4.46	6.72	6.60	6.41	6.90
3.79	5.47	6.72	6.60	6.41	6.90
3.63	5.24	6.72	6.60	6.41	6.90
3.32	4.79	6.72	6.60	6.41	6.90
3.32	4.79	6.72	6.60	6.41	6.90
4.41	6.36	6.72	6.60	6.41	6.90
4.3	6.20	7.64	7.39	7.99	6.68
4.67	6.74	7.64	7.39	7.99	6.68
4.57	6.59	7.64	7.39	7.99	6.68
4.53	6.53	7.64	7.39	7.99	6.68
4.78	6.90	7.64	7.39	7.99	6.68
5.1	7.36	7.64	7.39	7.99	6.68
5.27	7.60	7.64	7.39	7.99	6.68
5.02	7.24	7.64	7.39	7.99	6.68
5.21	7.52	7.64	7.39	7.99	6.68
5.41	7.80	7.64	7.39	7.99	6.68
5.53	7.98	7.64	7.39	7.99	6.68
5.57	8.04	7.64	7.39	7.99	6.68
5.65	8.15	7.64	7.39	7.99	6.68
5.87	8.47	7.64	7.39	7.99	6.68
5.79	8.35	7.64	7.39	7.99	6.68
5.56	8.02	7.64	7.39	7.99	6.68
5.55	8.01	7.64	7.39	7.99	6.68
5.75	8.29	7.64	7.39	7.99	6.68
5.91	8.53	7.64	7.39	7.99	6.68
6.01	8.67	7.64	7.39	7.99	6.68
5.78	8.34	7.64	7.39	7.99	6.68
5.82	8.40	7.64	7.39	7.99	6.68
6.09	8.78	7.75	8.40	7.13	7.70
6.19	8.92	7.75	8.40	7.13	7.70
6.47	9.33	7.75	8.40	7.13	7.70
7.51	10.83	7.75	8.40	7.13	7.70
6.56	9.46	7.75	8.40	7.13	7.70
5.77	8.32	7.75	8.40	7.13	7.70

5.57	8.03	7.75	8.40	7.13	7.70
5.61	8.09	7.75	8.40	7.13	7.70
5.77	8.32	7.75	8.40	7.13	7.70
5.66	8.16	7.75	8.40	7.13	7.70
5.51	7.94	7.75	8.40	7.13	7.70
5.54	7.99	7.75	8.40	7.13	7.70
5.52	7.96	7.75	8.40	7.13	7.70
5.67	8.17	7.75	8.40	7.13	7.70
5.76	8.30	7.75	8.40	7.13	7.70
5.61	8.09	7.75	8.40	7.13	7.70
5.42	7.81	7.75	8.40	7.13	7.70
5.32	7.67	7.75	8.40	7.13	7.70
5.26	7.58	7.75	8.40	7.13	7.70
5.3	7.65	8.48	7.24	7.79	8.08
5.47	7.89	8.48	7.24	7.79	8.08
5.51	7.95	8.48	7.24	7.79	8.08
5.47	7.89	8.48	7.24	7.79	8.08
5.61	8.10	8.48	7.24	7.79	8.08
5.73	8.27	8.48	7.24	7.79	8.08
5.54	7.99	8.48	7.24	7.79	8.08
5.48	7.91	8.48	7.24	7.79	8.08
5.53	7.98	8.48	7.24	7.79	8.08
5.48	7.91	8.48	7.24	7.79	8.08
5.65	8.15	8.48	7.24	7.79	8.08
5.47	7.89	8.48	7.24	7.79	8.08
5.4	7.79	8.48	7.24	7.79	8.08
5.1	7.36	8.48	7.24	7.79	8.08
4.92	7.10	8.48	7.24	7.79	8.08
4.91	7.09	8.48	7.24	7.79	8.08
4.91	7.09	8.48	7.24	7.79	8.08
4.84	6.98	8.48	7.24	7.79	8.08
4.76	6.87	8.48	7.24	7.79	8.08
4.83	6.97	7.27	7.79	8.02	7.52
4.78	6.90	7.27	7.79	8.02	7.52
4.76	6.87	7.27	7.79	8.02	7.52
4.78	6.90	7.27	7.79	8.02	7.52
4.56	6.58	7.27	7.79	8.02	7.52
4.47	6.45	7.27	7.79	8.02	7.52
4.51	6.51	7.27	7.79	8.02	7.52
4.44	6.40	7.27	7.79	8.02	7.52
4.47	6.45	7.27	7.79	8.02	7.52
4.35	6.27	7.27	7.79	8.02	7.52
4.29	6.19	7.27	7.79	8.02	7.52
4.38	6.32	7.27	7.79	8.02	7.52

4.27	6.16	7.27	7.79	8.02	7.52
4.19	6.04	7.27	7.79	8.02	7.52
4.01	5.78	7.27	7.79	8.02	7.52
4.02	5.80	7.27	7.79	8.02	7.52
4.08	5.89	7.27	7.79	8.02	7.52
4.02	5.80	7.27	7.79	8.02	7.52
4.01	5.78	7.27	7.79	8.02	7.52
3.92	5.65	7.27	7.79	8.02	7.52
3.83	5.52	7.27	7.79	8.02	7.52
3.79	5.47	7.27	7.79	8.02	7.52
3.93	5.67	7.27	7.79	8.02	7.52
3.72	5.36	7.80	7.98	7.52	6.20
3.93	5.67	7.80	7.98	7.52	6.20
4.16	6.00	7.80	7.98	7.52	6.20
4.08	5.88	7.80	7.98	7.52	6.20
3.92	5.65	7.80	7.98	7.52	6.20
3.9	5.62	7.80	7.98	7.52	6.20
4.04	5.83	7.80	7.98	7.52	6.20
3.97	5.73	7.80	7.98	7.52	6.20
4.15	5.99	7.80	7.98	7.52	6.20
4.16	6.00	7.80	7.98	7.52	6.20
3.97	5.73	7.80	7.98	7.52	6.20
4.02	5.80	7.80	7.98	7.52	6.20
3.93	5.67	7.80	7.98	7.52	6.20
3.96	5.71	7.80	7.98	7.52	6.20
3.95	5.70	7.80	7.98	7.52	6.20
4.07	5.87	7.80	7.98	7.52	6.20
4.23	6.10	7.80	7.98	7.52	6.20
4.18	6.03	7.80	7.98	7.52	6.20
4.19	6.04	7.80	7.98	7.52	6.20
4.24	6.11	7.80	7.98	7.52	6.20
3.94	5.68	7.80	7.98	7.52	6.20
3.86	5.57	8.05	7.61	6.31	5.90
3.96	5.71	8.05	7.61	6.31	5.90
4	5.77	8.05	7.61	6.31	5.90
3.97	5.73	8.05	7.61	6.31	5.90
3.91	5.64	8.05	7.61	6.31	5.90
4.08	5.89	8.05	7.61	6.31	5.90
4.15	5.99	8.05	7.61	6.31	5.90
4.18	6.03	8.05	7.61	6.31	5.90
4.26	6.15	8.05	7.61	6.31	5.90
4.27	6.16	8.05	7.61	6.31	5.90
4.34	6.26	8.05	7.61	6.31	5.90
4.42	6.38	8.05	7.61	6.31	5.90

4.28	6.18	8.05	7.61	6.31	5.90
4.12	5.94	8.05	7.61	6.31	5.90
4.12	5.94	8.05	7.61	6.31	5.90
4.08	5.89	8.05	7.61	6.31	5.90
4.08	5.89	8.05	7.61	6.31	5.90
4.19	6.05	8.05	7.61	6.31	5.90
4.22	6.09	8.05	7.61	6.31	5.90
4.31	6.22	8.05	7.61	6.31	5.90
4.39	6.34	7.71	6.42	6.04	6.00
4.32	6.24	7.71	6.42	6.04	6.00
4.46	6.44	7.71	6.42	6.04	6.00
4.6	6.64	7.71	6.42	6.04	6.00
4.67	6.74	7.71	6.42	6.04	6.00
4.89	7.06	7.71	6.42	6.04	6.00
4.75	6.86	7.71	6.42	6.04	6.00
4.68	6.76	7.71	6.42	6.04	6.00
4.68	6.76	7.71	6.42	6.04	6.00
4.94	7.13	7.71	6.42	6.04	6.00
5.11	7.38	7.71	6.42	6.04	6.00
5.13	7.41	7.71	6.42	6.04	6.00
5.14	7.42	7.71	6.42	6.04	6.00
5.17	7.46	7.71	6.42	6.04	6.00
5.15	7.43	7.71	6.42	6.04	6.00
4.87	7.03	7.71	6.42	6.04	6.00
4.9	7.07	7.71	6.42	6.04	6.00
4.88	7.04	7.71	6.42	6.04	6.00
4.84	6.99	7.71	6.42	6.04	6.00
4.85	7.00	7.71	6.42	6.04	6.00
4.68	6.76	7.71	6.42	6.04	6.00
4.53	6.54	7.71	6.42	6.04	6.00
4.54	6.54	6.54	6.19	6.12	6.89
4.72	6.80	6.54	6.19	6.12	6.89
4.85	6.99	6.54	6.19	6.12	6.89
4.76	6.86	6.54	6.19	6.12	6.89
4.61	6.64	6.54	6.19	6.12	6.89
4.36	6.28	6.54	6.19	6.12	6.89
4.42	6.37	6.54	6.19	6.12	6.89
4.46	6.43	6.54	6.19	6.12	6.89
4.39	6.33	6.54	6.19	6.12	6.89
4.43	6.38	6.54	6.19	6.12	6.89
4.68	6.74	6.54	6.19	6.12	6.89
4.56	6.57	6.54	6.19	6.12	6.89
4.59	6.61	6.54	6.19	6.12	6.89
4.7	6.77	6.54	6.19	6.12	6.89

4.67	6.73	6.54	6.19	6.12	6.89
4.69	6.76	6.54	6.19	6.12	6.89
4.65	6.70	6.54	6.19	6.12	6.89
4.72	6.80	6.54	6.19	6.12	6.89
4.75	6.84	6.54	6.19	6.12	6.89
4.8	6.92	6.54	6.19	6.12	6.89
4.81	6.93	6.54	6.19	6.12	6.89
4.94	7.11	6.32	6.22	6.95	6.60
4.78	6.88	6.32	6.22	6.95	6.60
4.77	6.86	6.32	6.22	6.95	6.60
4.84	6.96	6.32	6.22	6.95	6.60
4.67	6.72	6.32	6.22	6.95	6.60
4.52	6.50	6.32	6.22	6.95	6.60
4.43	6.37	6.32	6.22	6.95	6.60
4.38	6.30	6.32	6.22	6.95	6.60
4.42	6.36	6.32	6.22	6.95	6.60
4.35	6.26	6.32	6.22	6.95	6.60
4.37	6.29	6.32	6.22	6.95	6.60
4.28	6.16	6.32	6.22	6.95	6.60
4.35	6.26	6.32	6.22	6.95	6.60
4.29	6.17	6.32	6.22	6.95	6.60
4.19	6.03	6.32	6.22	6.95	6.60
4.12	5.93	6.32	6.22	6.95	6.60
4.07	5.86	6.32	6.22	6.95	6.60
3.99	5.74	6.32	6.22	6.95	6.60
3.85	5.54	6.32	6.22	6.95	6.60
3.75	5.40	6.32	6.22	6.95	6.60
3.77	5.42	6.32	6.22	6.95	6.60
3.8	5.47	6.32	6.22	6.95	6.60
3.73	5.36	6.31	7.00	6.60	6.06
3.74	5.37	6.31	7.00	6.60	6.06
3.74	5.37	6.31	7.00	6.60	6.06
3.82	5.49	6.31	7.00	6.60	6.06
3.81	5.47	6.31	7.00	6.60	6.06
3.79	5.44	6.31	7.00	6.60	6.06
3.79	5.44	6.31	7.00	6.60	6.06
3.83	5.50	6.31	7.00	6.60	6.06
3.98	5.72	6.31	7.00	6.60	6.06
4.06	5.83	6.31	7.00	6.60	6.06
4.09	5.87	6.31	7.00	6.60	6.06
4.11	5.90	6.31	7.00	6.60	6.06
4.01	5.76	6.31	7.00	6.60	6.06
3.95	5.67	6.31	7.00	6.60	6.06
4.02	5.77	6.31	7.00	6.60	6.06

4.08	5.86	6.31	7.00	6.60	6.06
3.97	5.70	6.31	7.00	6.60	6.06
3.8	5.46	6.31	7.00	6.60	6.06
3.8	5.46	6.31	7.00	6.60	6.06
3.81	5.47	6.31	7.00	6.60	6.06
3.85	5.53	6.31	7.00	6.60	6.06
3.67	5.25	7.11	6.67	6.11	5.58
3.56	5.10	7.11	6.67	6.11	5.58
3.51	5.02	7.11	6.67	6.11	5.58
3.56	5.10	7.11	6.67	6.11	5.58
3.62	5.18	7.11	6.67	6.11	5.58
3.36	4.81	7.11	6.67	6.11	5.58
3.43	4.91	7.11	6.67	6.11	5.58
3.4	4.87	7.11	6.67	6.11	5.58
3.58	5.12	7.11	6.67	6.11	5.58
3.58	5.12	7.11	6.67	6.11	5.58
3.47	4.97	7.11	6.67	6.11	5.58
3.36	4.81	7.11	6.67	6.11	5.58
3.36	4.81	7.11	6.67	6.11	5.58
3.46	4.95	7.11	6.67	6.11	5.58
3.46	4.95	7.11	6.67	6.11	5.58
3.19	4.57	7.11	6.67	6.11	5.58
3.18	4.55	7.11	6.67	6.11	5.58
3.28	4.70	7.11	6.67	6.11	5.58
3.37	4.82	7.11	6.67	6.11	5.58
3.36	4.81	7.11	6.67	6.11	5.58
3.36	4.81	7.11	6.67	6.11	5.58
3.42	4.88	7.02	6.42	5.85	5.14
3.2	4.57	7.02	6.42	5.85	5.14
3.35	4.78	7.02	6.42	5.85	5.14
3.53	5.04	7.02	6.42	5.85	5.14
3.47	4.95	7.02	6.42	5.85	5.14
3.49	4.98	7.02	6.42	5.85	5.14
3.76	5.37	7.02	6.42	5.85	5.14
4	5.71	7.02	6.42	5.85	5.14
3.73	5.33	7.02	6.42	5.85	5.14
3.5	5.00	7.02	6.42	5.85	5.14
3.56	5.08	7.02	6.42	5.85	5.14
3.66	5.23	7.02	6.42	5.85	5.14
3.77	5.38	7.02	6.42	5.85	5.14
3.89	5.55	7.02	6.42	5.85	5.14
3.79	5.41	7.02	6.42	5.85	5.14
4.02	5.74	7.02	6.42	5.85	5.14
3.93	5.61	7.02	6.42	5.85	5.14

3.82	5.45	7.02	6.42	5.85	5.14
3.82	5.45	7.02	6.42	5.85	5.14
4.12	5.88	7.02	6.42	5.85	5.14
4.16	5.94	7.02	6.42	5.85	5.14
4.21	5.99	6.76	6.19	5.63	5.75
4.28	6.09	6.76	6.19	5.63	5.75
4.23	6.02	6.76	6.19	5.63	5.75
4.47	6.36	6.76	6.19	5.63	5.75
4.48	6.37	6.76	6.19	5.63	5.75
4.47	6.36	6.76	6.19	5.63	5.75
4.52	6.43	6.76	6.19	5.63	5.75
4.37	6.21	6.76	6.19	5.63	5.75
4.55	6.47	6.76	6.19	5.63	5.75
4.35	6.19	6.76	6.19	5.63	5.75
4.22	6.00	6.76	6.19	5.63	5.75
4.19	5.96	6.76	6.19	5.63	5.75
3.99	5.67	6.76	6.19	5.63	5.75
4.1	5.83	6.76	6.19	5.63	5.75
4.17	5.93	6.76	6.19	5.63	5.75
4.01	5.70	6.76	6.19	5.63	5.75
4.08	5.80	6.76	6.19	5.63	5.75
4.05	5.76	6.76	6.19	5.63	5.75
4.1	5.83	6.76	6.19	5.63	5.75
4.19	5.96	6.76	6.19	5.63	5.75
4.22	6.00	6.76	6.19	5.63	5.75
4.22	6.00	6.76	6.19	5.63	5.75
4.54	6.44	6.39	5.92	5.96	6.07
4.61	6.53	6.39	5.92	5.96	6.07
4.52	6.41	6.39	5.92	5.96	6.07
4.49	6.36	6.39	5.92	5.96	6.07
4.42	6.27	6.39	5.92	5.96	6.07
4.49	6.36	6.39	5.92	5.96	6.07
4.42	6.27	6.39	5.92	5.96	6.07
4.55	6.45	6.39	5.92	5.96	6.07
4.48	6.35	6.39	5.92	5.96	6.07
4.38	6.21	6.39	5.92	5.96	6.07
4.52	6.41	6.39	5.92	5.96	6.07
4.48	6.35	6.39	5.92	5.96	6.07
4.57	6.48	6.39	5.92	5.96	6.07
4.72	6.69	6.39	5.92	5.96	6.07
4.72	6.69	6.39	5.92	5.96	6.07
4.46	6.32	6.39	5.92	5.96	6.07
4.4	6.24	6.39	5.92	5.96	6.07
4.41	6.25	6.39	5.92	5.96	6.07

4.27	6.05	6.39	5.92	5.96	6.07
4.42	6.27	6.39	5.92	5.96	6.07
4.42	6.25	5.94	5.95	6.08	6.36
4.55	6.43	5.94	5.95	6.08	6.36
4.69	6.63	5.94	5.95	6.08	6.36
4.48	6.33	5.94	5.95	6.08	6.36
4.32	6.10	5.94	5.95	6.08	6.36
4.24	5.99	5.94	5.95	6.08	6.36
4.22	5.96	5.94	5.95	6.08	6.36
4.11	5.81	5.94	5.95	6.08	6.36
3.96	5.60	5.94	5.95	6.08	6.36
3.89	5.50	5.94	5.95	6.08	6.36
3.92	5.54	5.94	5.95	6.08	6.36
3.93	5.55	5.94	5.95	6.08	6.36
3.9	5.51	5.94	5.95	6.08	6.36
3.84	5.43	5.94	5.95	6.08	6.36
3.89	5.50	5.94	5.95	6.08	6.36
3.83	5.41	5.94	5.95	6.08	6.36
3.83	5.41	5.94	5.95	6.08	6.36
3.81	5.38	5.94	5.95	6.08	6.36
3.93	5.55	5.94	5.95	6.08	6.36
3.93	5.52	5.87	6.03	6.32	5.67
3.79	5.33	5.87	6.03	6.32	5.67
3.75	5.27	5.87	6.03	6.32	5.67
3.7	5.20	5.87	6.03	6.32	5.67
3.73	5.24	5.87	6.03	6.32	5.67
3.83	5.38	5.87	6.03	6.32	5.67
3.81	5.36	5.87	6.03	6.32	5.67
3.87	5.44	5.87	6.03	6.32	5.67
3.78	5.31	5.87	6.03	6.32	5.67
3.9	5.48	5.87	6.03	6.32	5.67
3.81	5.36	5.87	6.03	6.32	5.67
3.86	5.43	5.87	6.03	6.32	5.67
3.85	5.41	5.87	6.03	6.32	5.67
3.98	5.59	5.87	6.03	6.32	5.67
3.99	5.61	5.87	6.03	6.32	5.67
4.05	5.69	5.87	6.03	6.32	5.67
4.18	5.88	5.87	6.03	6.32	5.67
4.27	6.00	5.87	6.03	6.32	5.67
4.13	5.81	5.87	6.03	6.32	5.67
4.35	6.11	5.87	6.03	6.32	5.67
4.27	6.00	5.87	6.03	6.32	5.67
4.25	5.97	5.87	6.03	6.32	5.67
4.32	6.07	5.87	6.03	6.32	5.67

4.32	6.04	5.98	6.28	5.71	5.69
4.21	5.89	5.98	6.28	5.71	5.69
4.22	5.90	5.98	6.28	5.71	5.69
4.17	5.83	5.98	6.28	5.71	5.69
4.12	5.76	5.98	6.28	5.71	5.69
4.05	5.67	5.98	6.28	5.71	5.69
4.05	5.67	5.98	6.28	5.71	5.69
4.08	5.71	5.98	6.28	5.71	5.69
4.14	5.79	5.98	6.28	5.71	5.69
4.12	5.76	5.98	6.28	5.71	5.69
4.21	5.89	5.98	6.28	5.71	5.69
4.23	5.92	5.98	6.28	5.71	5.69
4.19	5.86	5.98	6.28	5.71	5.69
4.33	6.06	5.98	6.28	5.71	5.69
4.33	6.06	5.98	6.28	5.71	5.69
4.37	6.11	5.98	6.28	5.71	5.69
4.32	6.04	5.98	6.28	5.71	5.69
4.35	6.09	5.98	6.28	5.71	5.69
4.38	6.13	5.98	6.28	5.71	5.69
4.51	6.31	5.98	6.28	5.71	5.69
4.6	6.42	6.32	5.78	5.77	5.96
4.6	6.42	6.32	5.78	5.77	5.96
4.59	6.40	6.32	5.78	5.77	5.96
4.49	6.26	6.32	5.78	5.77	5.96
4.24	5.91	6.32	5.78	5.77	5.96
4.28	5.97	6.32	5.78	5.77	5.96
4.19	5.84	6.32	5.78	5.77	5.96
4.23	5.90	6.32	5.78	5.77	5.96
4.1	5.72	6.32	5.78	5.77	5.96
4.09	5.70	6.32	5.78	5.77	5.96
4.21	5.87	6.32	5.78	5.77	5.96
4.25	5.93	6.32	5.78	5.77	5.96
4.15	5.79	6.32	5.78	5.77	5.96
4.1	5.72	6.32	5.78	5.77	5.96
4.05	5.65	6.32	5.78	5.77	5.96
4.27	5.96	6.32	5.78	5.77	5.96
4.37	6.09	6.32	5.78	5.77	5.96
4.36	6.08	6.32	5.78	5.77	5.96
4.37	6.09	6.32	5.78	5.77	5.96
4.36	6.08	6.32	5.78	5.77	5.96
4.63	6.46	6.32	5.78	5.77	5.96
4.62	6.44	5.86	5.87	6.04	6.05
4.64	6.47	5.86	5.87	6.04	6.05
4.72	6.58	5.86	5.87	6.04	6.05

4.83	6.74	5.86	5.87	6.04	6.05
4.83	6.74	5.86	5.87	6.04	6.05
4.83	6.74	5.86	5.87	6.04	6.05
4.92	6.86	5.86	5.87	6.04	6.05
4.72	6.58	5.86	5.87	6.04	6.05
4.75	6.62	5.86	5.87	6.04	6.05
4.59	6.40	5.86	5.87	6.04	6.05
4.53	6.32	5.86	5.87	6.04	6.05
4.54	6.33	5.86	5.87	6.04	6.05
4.39	6.12	5.86	5.87	6.04	6.05
4.33	6.04	5.86	5.87	6.04	6.05
4.37	6.09	5.86	5.87	6.04	6.05
4.42	6.16	5.86	5.87	6.04	6.05
4.31	6.01	5.86	5.87	6.04	6.05
4.2	5.86	5.86	5.87	6.04	6.05
4.25	5.93	5.86	5.87	6.04	6.05
4.34	6.05	5.86	5.87	6.04	6.05
4.4	6.14	5.86	5.87	6.04	6.05
4.28	5.97	5.86	5.87	6.04	6.05
4.33	6.02	5.95	6.13	6.11	6.28
4.4	6.12	5.95	6.13	6.11	6.28
4.34	6.04	5.95	6.13	6.11	6.28
4.25	5.91	5.95	6.13	6.11	6.28
4.19	5.83	5.95	6.13	6.11	6.28
4.35	6.05	5.95	6.13	6.11	6.28
4.38	6.09	5.95	6.13	6.11	6.28
4.43	6.16	5.95	6.13	6.11	6.28
4.42	6.15	5.95	6.13	6.11	6.28
4.49	6.25	5.95	6.13	6.11	6.28
4.6	6.40	5.95	6.13	6.11	6.28
4.6	6.40	5.95	6.13	6.11	6.28
4.64	6.45	5.95	6.13	6.11	6.28
4.58	6.37	5.95	6.13	6.11	6.28
4.46	6.20	5.95	6.13	6.11	6.28
4.45	6.19	5.95	6.13	6.11	6.28
4.43	6.16	5.95	6.13	6.11	6.28
4.46	6.20	5.95	6.13	6.11	6.28
4.41	6.13	5.95	6.13	6.11	6.28
4.26	5.93	5.95	6.13	6.11	6.28
4.29	5.95	6.17	6.15	6.30	6.04
4.3	5.96	6.17	6.15	6.30	6.04
4.26	5.91	6.17	6.15	6.30	6.04
4.2	5.82	6.17	6.15	6.30	6.04
4	5.55	6.17	6.15	6.30	6.04

4	5.55	6.17	6.15	6.30	6.04
4.06	5.63	6.17	6.15	6.30	6.04
4.09	5.67	6.17	6.15	6.30	6.04
4.06	5.63	6.17	6.15	6.30	6.04
4.17	5.78	6.17	6.15	6.30	6.04
4.05	5.62	6.17	6.15	6.30	6.04
4.03	5.59	6.17	6.15	6.30	6.04
3.98	5.52	6.17	6.15	6.30	6.04
3.98	5.52	6.17	6.15	6.30	6.04
3.99	5.53	6.17	6.15	6.30	6.04
3.97	5.51	6.17	6.15	6.30	6.04
4.01	5.56	6.17	6.15	6.30	6.04
4.1	5.69	6.17	6.15	6.30	6.04
4.01	5.56	6.17	6.15	6.30	6.04
3.96	5.49	6.17	6.15	6.30	6.04
3.93	5.45	6.17	6.15	6.30	6.04
3.85	5.34	6.17	6.15	6.30	6.04
3.97	5.51	6.17	6.15	6.30	6.04
4.18	5.78	6.17	6.32	6.00	5.51
4.12	5.70	6.17	6.32	6.00	5.51
3.93	5.44	6.17	6.32	6.00	5.51
3.96	5.48	6.17	6.32	6.00	5.51
3.99	5.52	6.17	6.32	6.00	5.51
3.96	5.48	6.17	6.32	6.00	5.51
3.92	5.42	6.17	6.32	6.00	5.51
3.96	5.48	6.17	6.32	6.00	5.51
4.01	5.55	6.17	6.32	6.00	5.51
4.04	5.59	6.17	6.32	6.00	5.51
3.84	5.31	6.17	6.32	6.00	5.51
3.78	5.23	6.17	6.32	6.00	5.51
3.84	5.31	6.17	6.32	6.00	5.51
3.78	5.23	6.17	6.32	6.00	5.51
3.72	5.15	6.17	6.32	6.00	5.51
3.74	5.17	6.17	6.32	6.00	5.51
3.8	5.26	6.17	6.32	6.00	5.51
3.92	5.42	6.17	6.32	6.00	5.51
3.88	5.37	6.17	6.32	6.00	5.51
3.77	5.22	6.17	6.32	6.00	5.51
3.68	5.09	6.17	6.32	6.00	5.51
3.57	4.94	6.37	6.04	5.52	5.32
3.56	4.92	6.37	6.04	5.52	5.32
3.63	5.02	6.37	6.04	5.52	5.32
3.49	4.83	6.37	6.04	5.52	5.32
3.4	4.70	6.37	6.04	5.52	5.32

3.41	4.72	6.37	6.04	5.52	5.32
3.52	4.87	6.37	6.04	5.52	5.32
3.54	4.89	6.37	6.04	5.52	5.32
3.42	4.73	6.37	6.04	5.52	5.32
3.49	4.83	6.37	6.04	5.52	5.32
3.72	5.14	6.37	6.04	5.52	5.32
3.63	5.02	6.37	6.04	5.52	5.32
3.59	4.96	6.37	6.04	5.52	5.32
3.61	4.99	6.37	6.04	5.52	5.32
3.54	4.89	6.37	6.04	5.52	5.32
3.61	4.99	6.37	6.04	5.52	5.32
3.62	5.01	6.37	6.04	5.52	5.32
3.65	5.05	6.37	6.04	5.52	5.32
3.59	4.96	6.37	6.04	5.52	5.32
3.63	5.02	6.37	6.04	5.52	5.32
3.66	5.06	6.37	6.04	5.52	5.32
3.49	4.82	6.21	5.71	5.46	5.00
3.39	4.68	6.21	5.71	5.46	5.00
3.39	4.68	6.21	5.71	5.46	5.00
3.44	4.75	6.21	5.71	5.46	5.00
3.35	4.62	6.21	5.71	5.46	5.00
3.42	4.72	6.21	5.71	5.46	5.00
3.55	4.90	6.21	5.71	5.46	5.00
3.48	4.80	6.21	5.71	5.46	5.00
3.29	4.54	6.21	5.71	5.46	5.00
3.17	4.38	6.21	5.71	5.46	5.00
3.12	4.31	6.21	5.71	5.46	5.00
3.11	4.29	6.21	5.71	5.46	5.00
3.11	4.29	6.21	5.71	5.46	5.00
3.01	4.15	6.21	5.71	5.46	5.00
2.94	4.06	6.21	5.71	5.46	5.00
3.06	4.22	6.21	5.71	5.46	5.00
2.84	3.92	6.21	5.71	5.46	5.00
2.84	3.92	6.21	5.71	5.46	5.00
3.09	4.26	6.21	5.71	5.46	5.00
3.39	4.68	6.21	5.71	5.46	5.00
3.53	4.87	6.21	5.71	5.46	5.00
3.49	4.82	6.00	5.76	5.34	4.91
3.35	4.62	6.00	5.76	5.34	4.91
3.38	4.66	6.00	5.76	5.34	4.91
3.43	4.73	6.00	5.76	5.34	4.91
3.45	4.76	6.00	5.76	5.34	4.91
3.42	4.72	6.00	5.76	5.34	4.91
3.29	4.54	6.00	5.76	5.34	4.91

3.13	4.32	6.00	5.76	5.34	4.91
3.12	4.31	6.00	5.76	5.34	4.91
3.08	4.25	6.00	5.76	5.34	4.91
3.05	4.21	6.00	5.76	5.34	4.91
3.01	4.15	6.00	5.76	5.34	4.91
3.03	4.18	6.00	5.76	5.34	4.91
3.06	4.22	6.00	5.76	5.34	4.91
3.05	4.21	6.00	5.76	5.34	4.91
3.08	4.25	6.00	5.76	5.34	4.91
2.97	4.10	6.00	5.76	5.34	4.91
3.09	4.26	6.00	5.76	5.34	4.91
3.07	4.24	6.00	5.76	5.34	4.91
3.03	4.18	6.00	5.76	5.34	4.91
2.98	4.11	6.00	5.76	5.34	4.91
2.97	4.09	5.91	5.51	5.06	4.47
2.96	4.07	5.91	5.51	5.06	4.47
2.91	4.00	5.91	5.51	5.06	4.47
2.85	3.92	5.91	5.51	5.06	4.47
2.89	3.98	5.91	5.51	5.06	4.47
2.97	4.09	5.91	5.51	5.06	4.47
2.81	3.87	5.91	5.51	5.06	4.47
2.7	3.72	5.91	5.51	5.06	4.47
2.67	3.67	5.91	5.51	5.06	4.47
2.51	3.45	5.91	5.51	5.06	4.47
2.49	3.43	5.91	5.51	5.06	4.47
2.36	3.25	5.91	5.51	5.06	4.47
2.23	3.07	5.91	5.51	5.06	4.47
2.39	3.29	5.91	5.51	5.06	4.47
2.6	3.58	5.91	5.51	5.06	4.47
2.61	3.59	5.91	5.51	5.06	4.47
2.68	3.69	5.91	5.51	5.06	4.47
2.59	3.56	5.91	5.51	5.06	4.47
2.71	3.73	5.91	5.51	5.06	4.47
2.51	3.45	5.91	5.51	5.06	4.47
2.32	3.19	5.51	5.07	4.51	3.72
2.3	3.16	5.51	5.07	4.51	3.72
2.4	3.30	5.51	5.07	4.51	3.72
2.46	3.38	5.51	5.07	4.51	3.72
2.6	3.57	5.51	5.07	4.51	3.72
2.48	3.41	5.51	5.07	4.51	3.72
2.5	3.43	5.51	5.07	4.51	3.72
2.51	3.45	5.51	5.07	4.51	3.72
2.42	3.32	5.51	5.07	4.51	3.72
2.48	3.41	5.51	5.07	4.51	3.72

2.54	3.49	5.51	5.07	4.51	3.72
2.47	3.39	5.51	5.07	4.51	3.72
2.67	3.67	5.51	5.07	4.51	3.72
2.63	3.61	5.51	5.07	4.51	3.72
2.6	3.57	5.51	5.07	4.51	3.72
2.68	3.68	5.51	5.07	4.51	3.72
2.6	3.57	5.51	5.07	4.51	3.72
2.55	3.50	5.51	5.07	4.51	3.72
2.44	3.35	5.51	5.07	4.51	3.72
2.44	3.35	5.51	5.07	4.51	3.72
2.45	3.36	5.05	4.54	3.78	3.46
2.38	3.26	5.05	4.54	3.78	3.46
2.31	3.17	5.05	4.54	3.78	3.46
2.3	3.15	5.05	4.54	3.78	3.46
2.24	3.07	5.05	4.54	3.78	3.46
2.24	3.07	5.05	4.54	3.78	3.46
2.21	3.03	5.05	4.54	3.78	3.46
2.17	2.97	5.05	4.54	3.78	3.46
2.15	2.95	5.05	4.54	3.78	3.46
2.13	2.92	5.05	4.54	3.78	3.46
2.07	2.84	5.05	4.54	3.78	3.46
2.01	2.75	5.05	4.54	3.78	3.46
2.14	2.93	5.05	4.54	3.78	3.46
2.19	3.00	5.05	4.54	3.78	3.46
2.21	3.03	5.05	4.54	3.78	3.46
2.19	3.00	5.05	4.54	3.78	3.46
2.07	2.84	5.05	4.54	3.78	3.46
2.16	2.96	5.05	4.54	3.78	3.46
2.09	2.86	5.05	4.54	3.78	3.46
2.05	2.81	5.05	4.54	3.78	3.46
2.02	2.77	5.05	4.54	3.78	3.46
2	2.74	5.05	4.54	3.78	3.46
1.88	2.57	4.60	3.90	3.67	3.14
1.94	2.65	4.60	3.90	3.67	3.14
2.06	2.82	4.60	3.90	3.67	3.14
1.98	2.71	4.60	3.90	3.67	3.14
1.99	2.72	4.60	3.90	3.67	3.14
1.99	2.72	4.60	3.90	3.67	3.14
1.91	2.61	4.60	3.90	3.67	3.14
1.87	2.56	4.60	3.90	3.67	3.14
1.87	2.56	4.60	3.90	3.67	3.14
1.88	2.57	4.60	3.90	3.67	3.14
1.89	2.59	4.60	3.90	3.67	3.14
1.87	2.56	4.60	3.90	3.67	3.14

1.85	2.53	4.60	3.90	3.67	3.14
1.82	2.49	4.60	3.90	3.67	3.14
1.89	2.59	4.60	3.90	3.67	3.14
1.97	2.70	4.60	3.90	3.67	3.14
1.99	2.72	4.60	3.90	3.67	3.14
2.1	2.87	4.60	3.90	3.67	3.14
2.05	2.80	4.60	3.90	3.67	3.14
2.1	2.87	4.60	3.90	3.67	3.14
2.29	3.14	4.01	3.83	3.30	2.81
2.31	3.17	4.01	3.83	3.30	2.81
2.29	3.14	4.01	3.83	3.30	2.81
2.3	3.15	4.01	3.83	3.30	2.81
2.3	3.15	4.01	3.83	3.30	2.81
2.27	3.11	4.01	3.83	3.30	2.81
2.36	3.24	4.01	3.83	3.30	2.81
2.36	3.24	4.01	3.83	3.30	2.81
2.37	3.25	4.01	3.83	3.30	2.81
2.41	3.30	4.01	3.83	3.30	2.81
2.38	3.26	4.01	3.83	3.30	2.81
2.5	3.43	4.01	3.83	3.30	2.81
2.6	3.56	4.01	3.83	3.30	2.81
2.56	3.51	4.01	3.83	3.30	2.81
2.6	3.56	4.01	3.83	3.30	2.81
2.55	3.50	4.01	3.83	3.30	2.81
2.6	3.56	4.01	3.83	3.30	2.81
2.66	3.65	4.01	3.83	3.30	2.81
2.56	3.51	4.01	3.83	3.30	2.81
2.5	3.43	4.01	3.83	3.30	2.81
2.39	3.28	4.01	3.83	3.30	2.81
2.34	3.21	4.01	3.83	3.30	2.81
2.24	3.07	3.95	3.44	2.96	3.42
2.32	3.18	3.95	3.44	2.96	3.42
2.39	3.28	3.95	3.44	2.96	3.42
2.41	3.31	3.95	3.44	2.96	3.42
2.33	3.20	3.95	3.44	2.96	3.42
2.22	3.05	3.95	3.44	2.96	3.42
2.22	3.05	3.95	3.44	2.96	3.42
2.17	2.98	3.95	3.44	2.96	3.42
2.18	2.99	3.95	3.44	2.96	3.42
2.2	3.02	3.95	3.44	2.96	3.42
2.44	3.35	3.95	3.44	2.96	3.42
2.45	3.36	3.95	3.44	2.96	3.42
2.59	3.55	3.95	3.44	2.96	3.42
2.6	3.57	3.95	3.44	2.96	3.42

2.48	3.40	3.95	3.44	2.96	3.42
2.5	3.43	3.95	3.44	2.96	3.42
2.7	3.70	3.95	3.44	2.96	3.42
2.7	3.70	3.95	3.44	2.96	3.42
2.87	3.94	3.95	3.44	2.96	3.42
2.81	3.86	3.95	3.44	2.96	3.42
2.74	3.76	3.95	3.44	2.96	3.42
2.73	3.74	3.57	3.12	3.52	3.43
2.78	3.81	3.57	3.12	3.52	3.43
2.9	3.98	3.57	3.12	3.52	3.43
2.94	4.03	3.57	3.12	3.52	3.43
2.79	3.83	3.57	3.12	3.52	3.43
2.87	3.94	3.57	3.12	3.52	3.43
2.72	3.73	3.57	3.12	3.52	3.43
2.83	3.88	3.57	3.12	3.52	3.43
2.88	3.95	3.57	3.12	3.52	3.43
2.92	4.01	3.57	3.12	3.52	3.43
2.83	3.88	3.57	3.12	3.52	3.43
2.84	3.90	3.57	3.12	3.52	3.43
2.99	4.10	3.57	3.12	3.52	3.43
3.03	4.16	3.57	3.12	3.52	3.43
3.05	4.18	3.57	3.12	3.52	3.43
3.16	4.33	3.57	3.12	3.52	3.43
3.19	4.38	3.57	3.12	3.52	3.43
3.13	4.29	3.57	3.12	3.52	3.43
3.1	4.25	3.57	3.12	3.52	3.43
3.14	4.31	3.57	3.12	3.52	3.43
3.2	4.39	3.57	3.12	3.52	3.43
3.2	4.36	3.20	3.58	3.46	4.04
3.16	4.31	3.20	3.58	3.46	4.04
2.91	3.97	3.20	3.58	3.46	4.04
2.9	3.95	3.20	3.58	3.46	4.04
2.99	4.08	3.20	3.58	3.46	4.04
2.97	4.05	3.20	3.58	3.46	4.04
2.89	3.94	3.20	3.58	3.46	4.04
2.84	3.87	3.20	3.58	3.46	4.04
2.77	3.78	3.20	3.58	3.46	4.04
2.79	3.80	3.20	3.58	3.46	4.04
2.82	3.85	3.20	3.58	3.46	4.04
2.78	3.79	3.20	3.58	3.46	4.04
2.7	3.68	3.20	3.58	3.46	4.04
2.75	3.75	3.20	3.58	3.46	4.04
2.8	3.82	3.20	3.58	3.46	4.04
2.8	3.82	3.20	3.58	3.46	4.04

2.81	3.83	3.20	3.58	3.46	4.04
2.81	3.83	3.20	3.58	3.46	4.04
2.8	3.82	3.20	3.58	3.46	4.04
2.71	3.70	3.20	3.58	3.46	4.04
2.64	3.60	3.20	3.58	3.46	4.04
2.72	3.71	3.20	3.58	3.46	4.04
2.72	3.71	3.20	3.58	3.46	4.04
2.81	3.81	3.62	3.50	4.01	3.81
2.87	3.90	3.62	3.50	4.01	3.81
2.85	3.87	3.62	3.50	4.01	3.81
2.73	3.71	3.62	3.50	4.01	3.81
2.66	3.61	3.62	3.50	4.01	3.81
2.82	3.83	3.62	3.50	4.01	3.81
2.96	4.02	3.62	3.50	4.01	3.81
3.01	4.09	3.62	3.50	4.01	3.81
2.94	3.99	3.62	3.50	4.01	3.81
2.83	3.84	3.62	3.50	4.01	3.81
2.74	3.72	3.62	3.50	4.01	3.81
2.7	3.66	3.62	3.50	4.01	3.81
2.76	3.75	3.62	3.50	4.01	3.81
2.76	3.75	3.62	3.50	4.01	3.81
2.82	3.83	3.62	3.50	4.01	3.81
2.84	3.85	3.62	3.50	4.01	3.81
2.92	3.96	3.62	3.50	4.01	3.81
3.01	4.09	3.62	3.50	4.01	3.81
3.08	4.18	3.62	3.50	4.01	3.81
3.19	4.32	3.62	4.05	3.86	3.95
3.21	4.34	3.62	4.05	3.86	3.95
3.21	4.34	3.62	4.05	3.86	3.95
3.23	4.37	3.62	4.05	3.86	3.95
3.26	4.41	3.62	4.05	3.86	3.95
3.18	4.30	3.62	4.05	3.86	3.95
3.18	4.30	3.62	4.05	3.86	3.95
3.26	4.41	3.62	4.05	3.86	3.95
3.28	4.44	3.62	4.05	3.86	3.95
3.38	4.58	3.62	4.05	3.86	3.95
3.35	4.53	3.62	4.05	3.86	3.95
3.27	4.43	3.62	4.05	3.86	3.95
3.24	4.39	3.62	4.05	3.86	3.95
3.28	4.44	3.62	4.05	3.86	3.95
3.43	4.64	3.62	4.05	3.86	3.95
3.49	4.72	3.62	4.05	3.86	3.95
3.34	4.52	3.62	4.05	3.86	3.95
3.43	4.64	3.62	4.05	3.86	3.95

3.39	4.59	3.62	4.05	3.86	3.95
3.38	4.58	3.62	4.05	3.86	3.95
3.4	4.60	3.62	4.05	3.86	3.95
3.42	4.63	3.62	4.05	3.86	3.95
3.5	4.74	3.62	4.05	3.86	3.95
3.5	4.75	4.33	4.11	4.19	4.74
3.4	4.61	4.33	4.11	4.19	4.74
3.34	4.53	4.33	4.11	4.19	4.74
3.41	4.62	4.33	4.11	4.19	4.74
3.47	4.70	4.33	4.11	4.19	4.74
3.45	4.68	4.33	4.11	4.19	4.74
3.33	4.51	4.33	4.11	4.19	4.74
3.4	4.61	4.33	4.11	4.19	4.74
3.57	4.84	4.33	4.11	4.19	4.74
3.66	4.96	4.33	4.11	4.19	4.74
3.63	4.92	4.33	4.11	4.19	4.74
3.46	4.69	4.33	4.11	4.19	4.74
3.63	4.92	4.33	4.11	4.19	4.74
3.62	4.91	4.33	4.11	4.19	4.74
3.59	4.87	4.33	4.11	4.19	4.74
3.59	4.87	4.33	4.11	4.19	4.74
3.75	5.08	4.33	4.11	4.19	4.74
3.77	5.11	4.33	4.11	4.19	4.74
3.71	5.03	4.33	4.11	4.19	4.74
3.61	4.89	4.33	4.11	4.19	4.74
3.46	4.69	4.33	4.11	4.19	4.74
3.44	4.66	4.47	4.52	5.14	5.00
3.38	4.58	4.47	4.52	5.14	5.00
3.41	4.62	4.47	4.52	5.14	5.00
3.48	4.72	4.47	4.52	5.14	5.00
3.33	4.52	4.47	4.52	5.14	5.00
3.35	4.54	4.47	4.52	5.14	5.00
3.39	4.60	4.47	4.52	5.14	5.00
3.33	4.52	4.47	4.52	5.14	5.00
3.27	4.43	4.47	4.52	5.14	5.00
3.15	4.27	4.47	4.52	5.14	5.00
3.2	4.34	4.47	4.52	5.14	5.00
3.29	4.46	4.47	4.52	5.14	5.00
3.25	4.41	4.47	4.52	5.14	5.00
3.35	4.54	4.47	4.52	5.14	5.00
3.42	4.64	4.47	4.52	5.14	5.00
3.3	4.47	4.47	4.52	5.14	5.00
3.35	4.54	4.47	4.52	5.14	5.00
3.31	4.49	4.47	4.52	5.14	5.00

3.4	4.61	4.47	4.52	5.14	5.00
3.43	4.65	4.47	4.52	5.14	5.00
3.3	4.47	4.69	5.29	5.14	4.66
3.19	4.32	4.69	5.29	5.14	4.66
3.2	4.33	4.69	5.29	5.14	4.66
3.3	4.47	4.69	5.29	5.14	4.66
3.21	4.34	4.69	5.29	5.14	4.66
3.14	4.25	4.69	5.29	5.14	4.66
3.08	4.17	4.69	5.29	5.14	4.66
3.18	4.30	4.69	5.29	5.14	4.66
3.39	4.59	4.69	5.29	5.14	4.66
3.4	4.60	4.69	5.29	5.14	4.66
3.43	4.64	4.69	5.29	5.14	4.66
3.44	4.66	4.69	5.29	5.14	4.66
3.54	4.79	4.69	5.29	5.14	4.66
3.63	4.91	4.69	5.29	5.14	4.66
3.53	4.78	4.69	5.29	5.14	4.66
3.56	4.82	4.69	5.29	5.14	4.66
3.42	4.63	4.69	5.29	5.14	4.66
3.25	4.40	4.69	5.29	5.14	4.66
3.14	4.25	4.69	5.29	5.14	4.66
3.24	4.38	4.69	5.29	5.14	4.66
3.33	4.51	4.69	5.29	5.14	4.66
3.34	4.50	5.27	5.13	4.68	4.51
3.27	4.40	5.27	5.13	4.68	4.51
3.34	4.50	5.27	5.13	4.68	4.51
3.41	4.59	5.27	5.13	4.68	4.51
3.39	4.56	5.27	5.13	4.68	4.51
3.26	4.39	5.27	5.13	4.68	4.51
3.2	4.31	5.27	5.13	4.68	4.51
3.3	4.44	5.27	5.13	4.68	4.51
3.29	4.43	5.27	5.13	4.68	4.51
3.3	4.44	5.27	5.13	4.68	4.51
3.19	4.29	5.27	5.13	4.68	4.51
3.23	4.35	5.27	5.13	4.68	4.51
3.34	4.50	5.27	5.13	4.68	4.51
3.29	4.43	5.27	5.13	4.68	4.51
3.27	4.40	5.27	5.13	4.68	4.51
3.42	4.60	5.27	5.13	4.68	4.51
3.46	4.66	5.27	5.13	4.68	4.51
3.49	4.70	5.27	5.13	4.68	4.51
3.48	4.68	5.27	5.13	4.68	4.51
3.54	4.78	5.11	4.71	4.54	4.47
3.53	4.76	5.11	4.71	4.54	4.47

3.63	4.90	5.11	4.71	4.54	4.47
3.57	4.82	5.11	4.71	4.54	4.47
3.54	4.78	5.11	4.71	4.54	4.47
3.57	4.82	5.11	4.71	4.54	4.47
3.64	4.91	5.11	4.71	4.54	4.47
3.71	5.01	5.11	4.71	4.54	4.47
3.72	5.02	5.11	4.71	4.54	4.47
3.74	5.05	5.11	4.71	4.54	4.47
3.89	5.25	5.11	4.71	4.54	4.47
3.98	5.37	5.11	4.71	4.54	4.47
3.96	5.35	5.11	4.71	4.54	4.47
3.97	5.36	5.11	4.71	4.54	4.47
4.01	5.41	5.11	4.71	4.54	4.47
4.01	5.41	5.11	4.71	4.54	4.47
4.08	5.51	5.11	4.71	4.54	4.47
3.99	5.39	5.11	4.71	4.54	4.47
4.08	5.51	5.11	4.71	4.54	4.47
4.03	5.44	5.11	4.71	4.54	4.47
3.97	5.37	4.75	4.60	4.56	5.10
4.07	5.51	4.75	4.60	4.56	5.10
4	5.41	4.75	4.60	4.56	5.10
3.94	5.33	4.75	4.60	4.56	5.10
3.98	5.38	4.75	4.60	4.56	5.10
4.18	5.65	4.75	4.60	4.56	5.10
4.08	5.52	4.75	4.60	4.56	5.10
4.07	5.51	4.75	4.60	4.56	5.10
4.11	5.56	4.75	4.60	4.56	5.10
4.21	5.69	4.75	4.60	4.56	5.10
4.23	5.72	4.75	4.60	4.56	5.10
4.19	5.67	4.75	4.60	4.56	5.10
4.24	5.74	4.75	4.60	4.56	5.10
4.23	5.72	4.75	4.60	4.56	5.10
4.38	5.92	4.75	4.60	4.56	5.10
4.33	5.86	4.75	4.60	4.56	5.10
4.27	5.78	4.75	4.60	4.56	5.10
4.25	5.75	4.75	4.60	4.56	5.10
4.19	5.67	4.75	4.60	4.56	5.10
4.16	5.63	4.75	4.60	4.56	5.10
4.28	5.79	4.75	4.60	4.56	5.10
4.3	5.82	4.75	4.60	4.56	5.10
4.31	5.83	4.68	4.64	5.15	5.63
4.28	5.79	4.68	4.64	5.15	5.63
3.98	5.38	4.68	4.64	5.15	5.63
3.93	5.31	4.68	4.64	5.15	5.63

3.88	5.25	4.68	4.64	5.15	5.63
3.86	5.22	4.68	4.64	5.15	5.63
3.87	5.23	4.68	4.64	5.15	5.63
3.9	5.27	4.68	4.64	5.15	5.63
3.87	5.23	4.68	4.64	5.15	5.63
3.93	5.31	4.68	4.64	5.15	5.63
4.03	5.45	4.68	4.64	5.15	5.63
4.01	5.42	4.68	4.64	5.15	5.63
3.89	5.26	4.68	4.64	5.15	5.63
4.1	5.54	4.68	4.64	5.15	5.63
4.13	5.58	4.68	4.64	5.15	5.63
4.16	5.62	4.68	4.64	5.15	5.63
4.15	5.61	4.68	4.64	5.15	5.63
4.15	5.61	4.68	4.64	5.15	5.63
4.19	5.67	4.68	4.64	5.15	5.63
4.15	5.61	4.68	4.64	5.15	5.63
4.12	5.57	4.68	4.64	5.15	5.63
4.02	5.44	4.68	4.64	5.15	5.63
4	5.40	4.71	5.20	5.67	5.49
4	5.40	4.71	5.20	5.67	5.49
3.99	5.38	4.71	5.20	5.67	5.49
3.93	5.30	4.71	5.20	5.67	5.49
3.79	5.11	4.71	5.20	5.67	5.49
3.85	5.19	4.71	5.20	5.67	5.49
3.77	5.09	4.71	5.20	5.67	5.49
3.74	5.04	4.71	5.20	5.67	5.49
3.73	5.03	4.71	5.20	5.67	5.49
3.76	5.07	4.71	5.20	5.67	5.49
3.78	5.10	4.71	5.20	5.67	5.49
3.9	5.26	4.71	5.20	5.67	5.49
3.93	5.30	4.71	5.20	5.67	5.49
3.9	5.26	4.71	5.20	5.67	5.49
3.85	5.19	4.71	5.20	5.67	5.49
3.81	5.14	4.71	5.20	5.67	5.49
3.77	5.09	4.71	5.20	5.67	5.49
3.72	5.02	4.71	5.20	5.67	5.49
3.73	5.03	4.71	5.20	5.67	5.49
3.57	4.82	4.71	5.20	5.67	5.49
3.52	4.74	5.25	5.71	5.54	5.12
3.58	4.82	5.25	5.71	5.54	5.12
3.54	4.77	5.25	5.71	5.54	5.12
3.52	4.74	5.25	5.71	5.54	5.12
3.65	4.91	5.25	5.71	5.54	5.12
3.69	4.97	5.25	5.71	5.54	5.12

3.69	4.97	5.25	5.71	5.54	5.12
3.64	4.90	5.25	5.71	5.54	5.12
3.61	4.86	5.25	5.71	5.54	5.12
3.67	4.94	5.25	5.71	5.54	5.12
3.69	4.97	5.25	5.71	5.54	5.12
3.67	4.94	5.25	5.71	5.54	5.12
3.66	4.93	5.25	5.71	5.54	5.12
3.78	5.09	5.25	5.71	5.54	5.12
3.71	4.99	5.25	5.71	5.54	5.12
3.68	4.95	5.25	5.71	5.54	5.12
3.7	4.98	5.25	5.71	5.54	5.12
3.68	4.95	5.25	5.71	5.54	5.12
3.59	4.83	5.25	5.71	5.54	5.12
3.49	4.70	5.25	5.71	5.54	5.12
3.48	4.68	5.25	5.71	5.54	5.12
3.46	4.66	5.25	5.71	5.54	5.12
3.44	4.62	5.73	5.55	5.14	4.89
3.39	4.55	5.73	5.55	5.14	4.89
3.33	4.47	5.73	5.55	5.14	4.89
3.35	4.50	5.73	5.55	5.14	4.89
3.32	4.46	5.73	5.55	5.14	4.89
3.27	4.39	5.73	5.55	5.14	4.89
3.32	4.46	5.73	5.55	5.14	4.89
3.34	4.49	5.73	5.55	5.14	4.89
3.34	4.49	5.73	5.55	5.14	4.89
3.36	4.51	5.73	5.55	5.14	4.89
3.34	4.49	5.73	5.55	5.14	4.89
3.35	4.50	5.73	5.55	5.14	4.89
3.46	4.65	5.73	5.55	5.14	4.89
3.48	4.67	5.73	5.55	5.14	4.89
3.51	4.71	5.73	5.55	5.14	4.89
3.52	4.73	5.73	5.55	5.14	4.89
3.5	4.70	5.73	5.55	5.14	4.89
3.55	4.77	5.73	5.55	5.14	4.89
3.5	4.70	5.73	5.55	5.14	4.89
3.54	4.75	5.73	5.55	5.14	4.89
3.58	4.81	5.73	5.55	5.14	4.89
3.57	4.79	5.73	5.55	5.14	4.89
3.64	4.89	5.55	5.13	4.89	4.58
3.68	4.94	5.55	5.13	4.89	4.58
3.7	4.97	5.55	5.13	4.89	4.58
3.55	4.77	5.55	5.13	4.89	4.58
3.62	4.86	5.55	5.13	4.89	4.58
3.65	4.90	5.55	5.13	4.89	4.58

3.6	4.83	5.55	5.13	4.89	4.58
3.57	4.79	5.55	5.13	4.89	4.58
3.6	4.83	5.55	5.13	4.89	4.58
3.64	4.89	5.55	5.13	4.89	4.58
3.77	5.06	5.55	5.13	4.89	4.58
3.72	4.99	5.55	5.13	4.89	4.58
3.73	5.01	5.55	5.13	4.89	4.58
3.68	4.94	5.55	5.13	4.89	4.58
3.66	4.91	5.55	5.13	4.89	4.58
3.59	4.82	5.55	5.13	4.89	4.58
3.52	4.73	5.55	5.13	4.89	4.58
3.49	4.69	5.55	5.13	4.89	4.58
3.51	4.71	5.55	5.13	4.89	4.58
3.48	4.67	5.55	5.13	4.89	4.58
3.56	4.78	5.16	4.92	4.63	4.85
3.63	4.87	5.16	4.92	4.63	4.85
3.58	4.80	5.16	4.92	4.63	4.85
3.57	4.79	5.16	4.92	4.63	4.85
3.62	4.86	5.16	4.92	4.63	4.85
3.72	4.99	5.16	4.92	4.63	4.85
3.7	4.96	5.16	4.92	4.63	4.85
3.74	5.02	5.16	4.92	4.63	4.85
3.74	5.02	5.16	4.92	4.63	4.85
3.82	5.13	5.16	4.92	4.63	4.85
3.83	5.14	5.16	4.92	4.63	4.85
3.84	5.15	5.16	4.92	4.63	4.85
3.75	5.03	5.16	4.92	4.63	4.85
3.72	4.99	5.16	4.92	4.63	4.85
3.77	5.06	5.16	4.92	4.63	4.85
3.7	4.96	5.16	4.92	4.63	4.85
3.66	4.91	5.16	4.92	4.63	4.85
3.65	4.90	5.16	4.92	4.63	4.85
3.69	4.95	5.16	4.92	4.63	4.85
3.61	4.84	5.16	4.92	4.63	4.85
3.57	4.79	5.16	4.92	4.63	4.85
3.55	4.76	5.16	4.92	4.63	4.85
3.57	4.79	5.16	4.92	4.63	4.85
3.45	4.62	5.02	4.78	4.96	4.89
3.38	4.53	5.02	4.78	4.96	4.89
3.37	4.51	5.02	4.78	4.96	4.89
3.46	4.63	5.02	4.78	4.96	4.89
3.59	4.81	5.02	4.78	4.96	4.89
3.54	4.74	5.02	4.78	4.96	4.89
3.62	4.85	5.02	4.78	4.96	4.89

3.69	4.94	5.02	4.78	4.96	4.89
3.69	4.94	5.02	4.78	4.96	4.89
3.52	4.71	5.02	4.78	4.96	4.89
3.56	4.77	5.02	4.78	4.96	4.89
3.71	4.97	5.02	4.78	4.96	4.89
3.63	4.86	5.02	4.78	4.96	4.89
3.63	4.86	5.02	4.78	4.96	4.89
3.68	4.93	5.02	4.78	4.96	4.89
3.78	5.06	5.02	4.78	4.96	4.89
3.85	5.16	5.02	4.78	4.96	4.89
3.87	5.18	5.02	4.78	4.96	4.89
3.87	5.18	5.02	4.78	4.96	4.89
3.87	5.18	5.02	4.78	4.96	4.89
3.85	5.14	5.00	5.15	5.06	4.86
3.84	5.13	5.00	5.15	5.06	4.86
3.89	5.20	5.00	5.15	5.06	4.86
3.97	5.30	5.00	5.15	5.06	4.86
4.15	5.54	5.00	5.15	5.06	4.86
4.24	5.66	5.00	5.15	5.06	4.86
4.24	5.66	5.00	5.15	5.06	4.86
4.24	5.66	5.00	5.15	5.06	4.86
4.4	5.88	5.00	5.15	5.06	4.86
4.44	5.93	5.00	5.15	5.06	4.86
4.21	5.62	5.00	5.15	5.06	4.86
4.2	5.61	5.00	5.15	5.06	4.86
4.25	5.68	5.00	5.15	5.06	4.86
4.25	5.68	5.00	5.15	5.06	4.86
4.35	5.81	5.00	5.15	5.06	4.86
4.52	6.04	5.00	5.15	5.06	4.86
4.52	6.04	5.00	5.15	5.06	4.86
4.4	5.88	5.00	5.15	5.06	4.86
4.34	5.80	5.00	5.15	5.06	4.86
4.41	5.89	5.00	5.15	5.06	4.86
4.31	5.76	5.00	5.15	5.06	4.86
4.32	5.76	5.25	5.16	4.92	5.70
4.39	5.85	5.25	5.16	4.92	5.70
4.5	6.00	5.25	5.16	4.92	5.70
4.58	6.10	5.25	5.16	4.92	5.70
4.36	5.81	5.25	5.16	4.92	5.70
4.15	5.53	5.25	5.16	4.92	5.70
3.95	5.26	5.25	5.16	4.92	5.70
4.19	5.58	5.25	5.16	4.92	5.70
4.36	5.81	5.25	5.16	4.92	5.70
4.45	5.93	5.25	5.16	4.92	5.70

4.55	6.06	5.25	5.16	4.92	5.70
4.39	5.85	5.25	5.16	4.92	5.70
4.61	6.14	5.25	5.16	4.92	5.70
4.92	6.56	5.25	5.16	4.92	5.70
5.64	7.52	5.25	5.16	4.92	5.70
5.17	6.89	5.25	5.16	4.92	5.70
5.66	7.54	5.25	5.16	4.92	5.70
5.25	7.00	5.25	5.16	4.92	5.70
5.23	6.97	5.25	5.16	4.92	5.70
5.27	7.02	5.25	5.16	4.92	5.70
5.04	6.72	5.25	5.16	4.92	5.70
5.04	6.71	5.16	4.92	5.70	6.05
5.78	7.69	5.16	4.92	5.70	6.05
8.12	10.81	5.16	4.92	5.70	6.05
6.9	9.18	5.16	4.92	5.70	6.05
5.92	7.88	5.16	4.92	5.70	6.05
8.15	10.85	5.16	4.92	5.70	6.05
7.75	10.32	5.16	4.92	5.70	6.05
5.96	7.93	5.16	4.92	5.70	6.05
5.34	7.11	5.16	4.92	5.70	6.05
5.54	7.37	5.16	4.92	5.70	6.05
5.8	7.72	5.16	4.92	5.70	6.05
6	7.99	5.16	4.92	5.70	6.05
5.96	7.93	5.16	4.92	5.70	6.05
6.24	8.31	5.16	4.92	5.70	6.05
6.08	8.09	5.16	4.92	5.70	6.05
5.21	6.93	5.16	4.92	5.70	6.05
4.81	6.40	5.16	4.92	5.70	6.05
4.61	6.14	5.16	4.92	5.70	6.05
4.8	6.39	5.16	4.92	5.70	6.05
7.09	9.42	4.89	5.64	5.88	6.86
7.98	10.60	4.89	5.64	5.88	6.86
6.46	8.58	4.89	5.64	5.88	6.86
4.89	6.50	4.89	5.64	5.88	6.86
4.78	6.35	4.89	5.64	5.88	6.86
4.67	6.20	4.89	5.64	5.88	6.86
4.67	6.20	4.89	5.64	5.88	6.86
4.72	6.27	4.89	5.64	5.88	6.86
4.41	5.86	4.89	5.64	5.88	6.86
4.4	5.84	4.89	5.64	5.88	6.86
4.57	6.07	4.89	5.64	5.88	6.86
4.42	5.87	4.89	5.64	5.88	6.86
4.43	5.88	4.89	5.64	5.88	6.86
4.39	5.83	4.89	5.64	5.88	6.86

4.33	5.75	4.89	5.64	5.88	6.86
4.42	5.87	4.89	5.64	5.88	6.86
4.53	6.02	4.89	5.64	5.88	6.86
4.44	5.90	4.89	5.64	5.88	6.86
4.39	5.83	4.89	5.64	5.88	6.86
4.5	5.98	4.89	5.64	5.88	6.86
4.48	5.95	4.89	5.64	5.88	6.86
4.39	5.82	5.45	5.55	6.14	5.95
4.39	5.82	5.45	5.55	6.14	5.95
4.51	5.98	5.45	5.55	6.14	5.95
4.49	5.95	5.45	5.55	6.14	5.95
4.58	6.07	5.45	5.55	6.14	5.95
4.57	6.06	5.45	5.55	6.14	5.95
4.67	6.19	5.45	5.55	6.14	5.95
4.67	6.19	5.45	5.55	6.14	5.95
4.67	6.19	5.45	5.55	6.14	5.95
4.64	6.15	5.45	5.55	6.14	5.95
4.69	6.22	5.45	5.55	6.14	5.95
4.64	6.15	5.45	5.55	6.14	5.95
4.64	6.15	5.45	5.55	6.14	5.95
4.76	6.31	5.45	5.55	6.14	5.95
4.76	6.31	5.45	5.55	6.14	5.95
4.81	6.38	5.45	5.55	6.14	5.95
4.81	6.38	5.45	5.55	6.14	5.95
4.83	6.40	5.45	5.55	6.14	5.95
4.72	6.26	5.45	5.55	6.14	5.95
4.78	6.34	5.45	5.55	6.14	5.95
4.79	6.35	5.45	5.55	6.14	5.95
4.79	6.34	5.51	6.03	5.90	6.10
4.73	6.26	5.51	6.03	5.90	6.10
4.73	6.26	5.51	6.03	5.90	6.10
4.8	6.35	5.51	6.03	5.90	6.10
4.82	6.38	5.51	6.03	5.90	6.10
4.77	6.31	5.51	6.03	5.90	6.10
4.59	6.07	5.51	6.03	5.90	6.10
4.52	5.98	5.51	6.03	5.90	6.10
4.47	5.92	5.51	6.03	5.90	6.10
4.47	5.92	5.51	6.03	5.90	6.10
4.42	5.85	5.51	6.03	5.90	6.10
4.42	5.85	5.51	6.03	5.90	6.10
4.54	6.01	5.51	6.03	5.90	6.10
4.53	5.99	5.51	6.03	5.90	6.10
4.57	6.05	5.51	6.03	5.90	6.10
4.57	6.05	5.51	6.03	5.90	6.10

4.4	5.82	5.51	6.03	5.90	6.10
4.4	5.82	5.51	6.03	5.90	6.10
4.56	6.03	5.51	6.03	5.90	6.10
4.63	6.13	5.51	6.03	5.90	6.10
4.49	5.94	5.51	6.03	5.90	6.10
4.49	5.93	6.05	5.93	6.12	5.99
4.62	6.11	6.05	5.93	6.12	5.99
4.62	6.11	6.05	5.93	6.12	5.99
4.66	6.16	6.05	5.93	6.12	5.99
4.66	6.16	6.05	5.93	6.12	5.99
4.67	6.17	6.05	5.93	6.12	5.99
4.67	6.17	6.05	5.93	6.12	5.99
4.51	5.96	6.05	5.93	6.12	5.99
4.51	5.96	6.05	5.93	6.12	5.99
4.7	6.21	6.05	5.93	6.12	5.99
4.71	6.22	6.05	5.93	6.12	5.99
4.68	6.19	6.05	5.93	6.12	5.99
4.68	6.19	6.05	5.93	6.12	5.99
4.67	6.17	6.05	5.93	6.12	5.99
4.53	5.99	6.05	5.93	6.12	5.99
4.53	5.99	6.05	5.93	6.12	5.99
4.49	5.93	6.05	5.93	6.12	5.99
4.58	6.05	6.05	5.93	6.12	5.99
4.58	6.05	6.05	5.93	6.12	5.99
4.39	5.80	6.05	5.93	6.12	5.99
4.39	5.80	6.05	5.93	6.12	5.99
4.47	5.90	5.96	6.15	6.00	6.07
4.47	5.90	5.96	6.15	6.00	6.07
4.31	5.69	5.96	6.15	6.00	6.07
4.31	5.69	5.96	6.15	6.00	6.07
4.18	5.52	5.96	6.15	6.00	6.07
4.17	5.51	5.96	6.15	6.00	6.07
4.15	5.48	5.96	6.15	6.00	6.07
4.13	5.45	5.96	6.15	6.00	6.07
4.13	5.45	5.96	6.15	6.00	6.07
4.13	5.45	5.96	6.15	6.00	6.07
4.16	5.49	5.96	6.15	6.00	6.07
4.04	5.33	5.96	6.15	6.00	6.07
4.08	5.39	5.96	6.15	6.00	6.07
3.87	5.11	5.96	6.15	6.00	6.07
3.81	5.03	5.96	6.15	6.00	6.07
3.83	5.06	5.96	6.15	6.00	6.07
3.83	5.06	5.96	6.15	6.00	6.07
3.86	5.10	5.96	6.15	6.00	6.07

3.84	5.07	5.96	6.15	6.00	6.07
3.79	5.00	5.96	6.15	6.00	6.07
3.78	4.99	5.96	6.15	6.00	6.07
3.78	4.99	5.96	6.15	6.00	6.07
3.77	4.98	6.14	5.98	6.07	5.31
3.87	5.11	6.14	5.98	6.07	5.31
3.87	5.11	6.14	5.98	6.07	5.31
3.92	5.18	6.14	5.98	6.07	5.31
3.99	5.27	6.14	5.98	6.07	5.31
3.94	5.20	6.14	5.98	6.07	5.31
4	5.28	6.14	5.98	6.07	5.31
3.94	5.20	6.14	5.98	6.07	5.31
3.9	5.15	6.14	5.98	6.07	5.31
3.85	5.08	6.14	5.98	6.07	5.31
3.8	5.02	6.14	5.98	6.07	5.31
3.78	4.99	6.14	5.98	6.07	5.31
3.84	5.07	6.14	5.98	6.07	5.31
3.88	5.12	6.14	5.98	6.07	5.31
3.88	5.12	6.14	5.98	6.07	5.31
3.88	5.12	6.14	5.98	6.07	5.31
3.94	5.20	6.14	5.98	6.07	5.31
3.99	5.27	6.14	5.98	6.07	5.31
4.02	5.31	6.14	5.98	6.07	5.31
4.06	5.36	6.14	5.98	6.07	5.31
4.04	5.33	6.14	5.98	6.07	5.31
4.01	5.29	5.95	6.04	5.32	5.15
3.94	5.20	5.95	6.04	5.32	5.15
3.91	5.16	5.95	6.04	5.32	5.15
3.86	5.10	5.95	6.04	5.32	5.15
3.86	5.10	5.95	6.04	5.32	5.15
3.93	5.19	5.95	6.04	5.32	5.15
3.98	5.25	5.95	6.04	5.32	5.15
3.94	5.20	5.95	6.04	5.32	5.15
3.82	5.04	5.95	6.04	5.32	5.15
3.92	5.18	5.95	6.04	5.32	5.15
3.85	5.08	5.95	6.04	5.32	5.15
3.97	5.24	5.95	6.04	5.32	5.15
3.99	5.27	5.95	6.04	5.32	5.15
3.99	5.27	5.95	6.04	5.32	5.15
3.88	5.12	5.95	6.04	5.32	5.15
3.9	5.15	5.95	6.04	5.32	5.15
3.84	5.07	5.95	6.04	5.32	5.15
3.89	5.14	5.95	6.04	5.32	5.15
3.89	5.14	5.95	6.04	5.32	5.15

3.89	5.14	5.95	6.04	5.32	5.15
4.14	5.47	5.95	6.04	5.32	5.15
4.14	5.47	6.05	5.33	5.19	5.18
4	5.28	6.05	5.33	5.19	5.18
3.94	5.20	6.05	5.33	5.19	5.18
3.89	5.14	6.05	5.33	5.19	5.18
3.88	5.12	6.05	5.33	5.19	5.18
3.88	5.12	6.05	5.33	5.19	5.18
3.87	5.11	6.05	5.33	5.19	5.18
3.86	5.10	6.05	5.33	5.19	5.18
3.87	5.11	6.05	5.33	5.19	5.18
3.91	5.16	6.05	5.33	5.19	5.18
3.81	5.03	6.05	5.33	5.19	5.18
3.8	5.02	6.05	5.33	5.19	5.18
3.73	4.93	6.05	5.33	5.19	5.18
3.69	4.87	6.05	5.33	5.19	5.18
3.62	4.78	6.05	5.33	5.19	5.18
3.69	4.87	6.05	5.33	5.19	5.18
3.6	4.75	6.05	5.33	5.19	5.18
3.53	4.66	6.05	5.33	5.19	5.18
3.56	4.70	6.05	5.33	5.19	5.18
3.53	4.66	6.05	5.33	5.19	5.18
3.6	4.75	6.05	5.33	5.19	5.18
3.76	4.97	6.05	5.33	5.19	5.18
3.82	5.04	6.05	5.33	5.19	5.18
3.82	5.05	5.40	5.30	5.26	5.03
3.67	4.86	5.40	5.30	5.26	5.03
3.83	5.07	5.40	5.30	5.26	5.03
3.92	5.19	5.40	5.30	5.26	5.03
3.92	5.19	5.40	5.30	5.26	5.03
4.18	5.53	5.40	5.30	5.26	5.03
4.18	5.53	5.40	5.30	5.26	5.03
4.2	5.56	5.40	5.30	5.26	5.03
4.2	5.56	5.40	5.30	5.26	5.03
4.05	5.36	5.40	5.30	5.26	5.03
4.26	5.64	5.40	5.30	5.26	5.03
4.33	5.73	5.40	5.30	5.26	5.03
4.41	5.83	5.40	5.30	5.26	5.03
4.41	5.83	5.40	5.30	5.26	5.03
4.32	5.72	5.40	5.30	5.26	5.03
4.09	5.41	5.40	5.30	5.26	5.03
4.09	5.41	5.40	5.30	5.26	5.03
4.15	5.49	5.40	5.30	5.26	5.03
4.3	5.69	5.40	5.30	5.26	5.03

4.3	5.71	5.43	5.39	5.16	5.62
3.77	5.00	5.43	5.39	5.16	5.62
3.63	4.82	5.43	5.39	5.16	5.62
3.63	4.82	5.43	5.39	5.16	5.62
3.42	4.54	5.43	5.39	5.16	5.62
3.42	4.54	5.43	5.39	5.16	5.62
3.63	4.82	5.43	5.39	5.16	5.62
3.65	4.84	5.43	5.39	5.16	5.62
3.68	4.88	5.43	5.39	5.16	5.62
3.91	5.19	5.43	5.39	5.16	5.62
3.72	4.94	5.43	5.39	5.16	5.62
3.58	4.75	5.43	5.39	5.16	5.62
3.72	4.94	5.43	5.39	5.16	5.62
3.71	4.92	5.43	5.39	5.16	5.62
3.71	4.92	5.43	5.39	5.16	5.62
3.05	4.05	5.43	5.39	5.16	5.62
2.99	3.97	5.43	5.39	5.16	5.62
2.99	3.97	5.43	5.39	5.16	5.62
2.74	3.64	5.43	5.39	5.16	5.62
3.07	4.07	5.43	5.39	5.16	5.62
3.14	4.17	5.43	5.39	5.16	5.62
3.14	4.17	5.43	5.39	5.16	5.62
3.01	4.02	5.51	5.29	5.79	4.69
3.22	4.30	5.51	5.29	5.79	4.69
2.98	3.98	5.51	5.29	5.79	4.69
3.08	4.11	5.51	5.29	5.79	4.69
2.92	3.90	5.51	5.29	5.79	4.69
2.96	3.95	5.51	5.29	5.79	4.69
2.9	3.87	5.51	5.29	5.79	4.69
2.92	3.90	5.51	5.29	5.79	4.69
3.15	4.21	5.51	5.29	5.79	4.69
3.32	4.43	5.51	5.29	5.79	4.69
3.11	4.15	5.51	5.29	5.79	4.69
2.94	3.93	5.51	5.29	5.79	4.69
2.94	3.93	5.51	5.29	5.79	4.69
2.95	3.94	5.51	5.29	5.79	4.69
2.96	3.95	5.51	5.29	5.79	4.69
2.92	3.90	5.51	5.29	5.79	4.69
2.96	3.95	5.51	5.29	5.79	4.69
2.89	3.86	5.51	5.29	5.79	4.69
2.88	3.85	5.51	5.29	5.79	4.69
2.88	3.85	5.51	5.29	5.79	4.69
2.88	3.84	5.26	5.73	4.70	3.90
2.67	3.56	5.26	5.73	4.70	3.90

2.73	3.64	5.26	5.73	4.70	3.90
2.66	3.54	5.26	5.73	4.70	3.90
2.66	3.54	5.26	5.73	4.70	3.90
2.62	3.49	5.26	5.73	4.70	3.90
2.67	3.56	5.26	5.73	4.70	3.90
2.86	3.81	5.26	5.73	4.70	3.90
2.86	3.81	5.26	5.73	4.70	3.90
2.75	3.66	5.26	5.73	4.70	3.90
2.75	3.66	5.26	5.73	4.70	3.90
2.92	3.89	5.26	5.73	4.70	3.90
2.92	3.89	5.26	5.73	4.70	3.90
3.02	4.02	5.26	5.73	4.70	3.90
3.22	4.29	5.26	5.73	4.70	3.90
3.22	4.29	5.26	5.73	4.70	3.90
3.21	4.28	5.26	5.73	4.70	3.90
3.21	4.28	5.26	5.73	4.70	3.90
2.79	3.72	5.26	5.73	4.70	3.90
2.79	3.71	5.54	4.64	3.87	3.66
3	3.99	5.54	4.64	3.87	3.66
3.27	4.34	5.54	4.64	3.87	3.66
3.27	4.34	5.54	4.64	3.87	3.66
2.89	3.84	5.54	4.64	3.87	3.66
2.75	3.65	5.54	4.64	3.87	3.66
2.76	3.67	5.54	4.64	3.87	3.66
2.76	3.67	5.54	4.64	3.87	3.66
2.82	3.75	5.54	4.64	3.87	3.66
2.72	3.61	5.54	4.64	3.87	3.66
2.68	3.56	5.54	4.64	3.87	3.66
2.82	3.75	5.54	4.64	3.87	3.66
2.8	3.72	5.54	4.64	3.87	3.66
2.86	3.80	5.54	4.64	3.87	3.66
2.86	3.80	5.54	4.64	3.87	3.66
2.72	3.61	5.54	4.64	3.87	3.66
2.79	3.71	5.54	4.64	3.87	3.66
2.77	3.68	5.54	4.64	3.87	3.66
2.77	3.68	5.54	4.64	3.87	3.66
2.89	3.84	5.54	4.64	3.87	3.66
2.64	3.51	5.54	4.64	3.87	3.66
2.65	3.52	5.54	4.64	3.87	3.66
2.62	3.48	4.42	3.83	3.68	3.65
2.63	3.49	4.42	3.83	3.68	3.65
2.63	3.49	4.42	3.83	3.68	3.65
2.71	3.60	4.42	3.83	3.68	3.65
2.71	3.60	4.42	3.83	3.68	3.65

2.72	3.61	4.42	3.83	3.68	3.65
2.58	3.42	4.42	3.83	3.68	3.65
2.58	3.42	4.42	3.83	3.68	3.65
2.58	3.42	4.42	3.83	3.68	3.65
2.62	3.48	4.42	3.83	3.68	3.65
2.61	3.46	4.42	3.83	3.68	3.65
2.67	3.54	4.42	3.83	3.68	3.65
2.57	3.41	4.42	3.83	3.68	3.65
2.59	3.44	4.42	3.83	3.68	3.65
2.63	3.49	4.42	3.83	3.68	3.65
2.59	3.44	4.42	3.83	3.68	3.65
2.59	3.44	4.42	3.83	3.68	3.65
2.5	3.32	4.42	3.83	3.68	3.65
2.55	3.38	4.42	3.83	3.68	3.65
2.55	3.38	4.42	3.83	3.68	3.65
2.56	3.40	4.42	3.83	3.68	3.65
2.68	3.55	3.84	3.71	3.67	3.43
2.72	3.60	3.84	3.71	3.67	3.43
2.76	3.65	3.84	3.71	3.67	3.43
2.76	3.65	3.84	3.71	3.67	3.43
2.74	3.62	3.84	3.71	3.67	3.43
2.78	3.68	3.84	3.71	3.67	3.43
2.85	3.77	3.84	3.71	3.67	3.43
2.85	3.77	3.84	3.71	3.67	3.43
2.85	3.77	3.84	3.71	3.67	3.43
2.87	3.80	3.84	3.71	3.67	3.43
2.96	3.92	3.84	3.71	3.67	3.43
3.01	3.98	3.84	3.71	3.67	3.43
3.01	3.98	3.84	3.71	3.67	3.43
3.04	4.02	3.84	3.71	3.67	3.43
2.96	3.92	3.84	3.71	3.67	3.43
2.96	3.92	3.84	3.71	3.67	3.43
2.82	3.73	3.84	3.71	3.67	3.43
2.82	3.73	3.84	3.71	3.67	3.43
2.78	3.68	3.84	3.71	3.67	3.43
2.78	3.68	3.84	3.71	3.67	3.43
2.78	3.67	3.76	3.72	3.48	3.77
2.63	3.47	3.76	3.72	3.48	3.77
2.65	3.50	3.76	3.72	3.48	3.77
2.6	3.43	3.76	3.72	3.48	3.77
2.6	3.43	3.76	3.72	3.48	3.77
2.6	3.43	3.76	3.72	3.48	3.77
2.72	3.59	3.76	3.72	3.48	3.77
2.81	3.71	3.76	3.72	3.48	3.77

2.88	3.80	3.76	3.72	3.48	3.77
2.88	3.80	3.76	3.72	3.48	3.77
2.89	3.81	3.76	3.72	3.48	3.77
2.94	3.88	3.76	3.72	3.48	3.77
2.93	3.87	3.76	3.72	3.48	3.77
2.93	3.87	3.76	3.72	3.48	3.77
2.81	3.71	3.76	3.72	3.48	3.77
2.79	3.68	3.76	3.72	3.48	3.77
2.83	3.73	3.76	3.72	3.48	3.77
2.83	3.73	3.76	3.72	3.48	3.77
2.8	3.69	3.76	3.72	3.48	3.77
2.77	3.65	3.76	3.72	3.48	3.77
2.77	3.65	3.76	3.72	3.48	3.77
2.8	3.69	3.76	3.72	3.48	3.77
2.78	3.66	3.78	3.54	3.82	3.65
2.79	3.67	3.78	3.54	3.82	3.65
2.79	3.67	3.78	3.54	3.82	3.65
2.79	3.67	3.78	3.54	3.82	3.65
2.77	3.65	3.78	3.54	3.82	3.65
2.77	3.65	3.78	3.54	3.82	3.65
2.7	3.56	3.78	3.54	3.82	3.65
2.7	3.56	3.78	3.54	3.82	3.65
2.88	3.79	3.78	3.54	3.82	3.65
2.88	3.79	3.78	3.54	3.82	3.65
2.93	3.86	3.78	3.54	3.82	3.65
2.9	3.82	3.78	3.54	3.82	3.65
2.88	3.79	3.78	3.54	3.82	3.65
2.88	3.79	3.78	3.54	3.82	3.65
2.84	3.74	3.78	3.54	3.82	3.65
2.84	3.74	3.78	3.54	3.82	3.65
2.92	3.85	3.78	3.54	3.82	3.65
2.92	3.85	3.78	3.54	3.82	3.65
2.92	3.85	3.78	3.54	3.82	3.65
2.89	3.81	3.78	3.54	3.82	3.65
2.91	3.83	3.78	3.54	3.82	3.65
2.87	3.78	3.78	3.54	3.82	3.65
2.76	3.64	3.78	3.54	3.82	3.65
2.76	3.64	3.58	3.85	3.68	3.70
2.83	3.73	3.58	3.85	3.68	3.70
2.85	3.75	3.58	3.85	3.68	3.70
2.76	3.64	3.58	3.85	3.68	3.70
2.76	3.64	3.58	3.85	3.68	3.70
2.85	3.75	3.58	3.85	3.68	3.70
2.84	3.74	3.58	3.85	3.68	3.70

2.93	3.86	3.58	3.85	3.68	3.70
2.93	3.86	3.58	3.85	3.68	3.70
2.83	3.73	3.58	3.85	3.68	3.70
2.79	3.67	3.58	3.85	3.68	3.70
2.71	3.57	3.58	3.85	3.68	3.70
2.77	3.65	3.58	3.85	3.68	3.70
2.77	3.65	3.58	3.85	3.68	3.70
2.7	3.56	3.58	3.85	3.68	3.70
2.65	3.49	3.58	3.85	3.68	3.70
2.71	3.57	3.58	3.85	3.68	3.70
2.73	3.60	3.58	3.85	3.68	3.70
2.69	3.54	3.58	3.85	3.68	3.70
2.69	3.54	3.58	3.85	3.68	3.70
2.7	3.56	3.58	3.85	3.68	3.70
2.7	3.56	3.86	3.71	3.71	3.64
2.7	3.56	3.86	3.71	3.71	3.64
2.67	3.52	3.86	3.71	3.71	3.64
2.67	3.52	3.86	3.71	3.71	3.64
2.67	3.52	3.86	3.71	3.71	3.64
2.74	3.62	3.86	3.71	3.71	3.64
2.74	3.62	3.86	3.71	3.71	3.64
2.71	3.58	3.86	3.71	3.71	3.64
2.67	3.52	3.86	3.71	3.71	3.64
2.7	3.56	3.86	3.71	3.71	3.64
2.74	3.62	3.86	3.71	3.71	3.64
2.69	3.55	3.86	3.71	3.71	3.64
2.69	3.55	3.86	3.71	3.71	3.64
2.69	3.55	3.86	3.71	3.71	3.64
2.61	3.45	3.86	3.71	3.71	3.64
2.61	3.45	3.86	3.71	3.71	3.64
2.62	3.46	3.86	3.71	3.71	3.64
2.62	3.46	3.86	3.71	3.71	3.64
2.6	3.43	3.86	3.71	3.71	3.64
2.66	3.51	3.86	3.71	3.71	3.64
2.57	3.39	3.86	3.71	3.71	3.64
2.47	3.26	3.86	3.71	3.71	3.64
2.37	3.13	3.75	3.76	3.67	3.48
2.37	3.13	3.75	3.76	3.67	3.48
2.34	3.09	3.75	3.76	3.67	3.48
2.35	3.10	3.75	3.76	3.67	3.48
2.35	3.10	3.75	3.76	3.67	3.48
2.35	3.10	3.75	3.76	3.67	3.48
2.49	3.28	3.75	3.76	3.67	3.48
2.48	3.27	3.75	3.76	3.67	3.48

2.47	3.26	3.75	3.76	3.67	3.48
2.47	3.26	3.75	3.76	3.67	3.48
2.54	3.35	3.75	3.76	3.67	3.48
2.42	3.19	3.75	3.76	3.67	3.48
2.43	3.20	3.75	3.76	3.67	3.48
2.46	3.24	3.75	3.76	3.67	3.48
2.37	3.13	3.75	3.76	3.67	3.48
2.37	3.13	3.75	3.76	3.67	3.48
2.28	3.01	3.75	3.76	3.67	3.48
2.18	2.88	3.75	3.76	3.67	3.48
2.14	2.82	3.75	3.76	3.67	3.48
2.14	2.82	3.75	3.76	3.67	3.48
2.15	2.84	3.75	3.76	3.67	3.48
1.98	2.61	3.75	3.76	3.67	3.48
1.92	2.53	3.90	3.80	3.59	3.13
1.92	2.53	3.90	3.80	3.59	3.13
2.04	2.69	3.90	3.80	3.59	3.13
2.04	2.69	3.90	3.80	3.59	3.13
2.19	2.88	3.90	3.80	3.59	3.13
2.19	2.88	3.90	3.80	3.59	3.13
2.14	2.82	3.90	3.80	3.59	3.13
2.13	2.81	3.90	3.80	3.59	3.13
2.05	2.70	3.90	3.80	3.59	3.13
2.02	2.66	3.90	3.80	3.59	3.13
2.02	2.66	3.90	3.80	3.59	3.13
2.05	2.70	3.90	3.80	3.59	3.13
2.1	2.77	3.90	3.80	3.59	3.13
2.1	2.77	3.90	3.80	3.59	3.13
2.18	2.87	3.90	3.80	3.59	3.13
2.18	2.87	3.90	3.80	3.59	3.13
2.14	2.82	3.90	3.80	3.59	3.13
2.14	2.82	3.90	3.80	3.59	3.13
2.14	2.82	3.90	3.80	3.59	3.13
2.14	2.82	3.90	3.80	3.59	3.13
2.11	2.78	3.90	3.80	3.59	3.13
2.11	2.78	4.00	3.79	3.42	3.01
2.19	2.89	4.00	3.79	3.42	3.01
2.14	2.82	4.00	3.79	3.42	3.01
2.1	2.77	4.00	3.79	3.42	3.01
2.06	2.72	4.00	3.79	3.42	3.01
2.01	2.65	4.00	3.79	3.42	3.01
2	2.64	4.00	3.79	3.42	3.01
1.95	2.57	4.00	3.79	3.42	3.01
1.79	2.36	4.00	3.79	3.42	3.01

1.7	2.24	4.00	3.79	3.42	3.01
1.66	2.19	4.00	3.79	3.42	3.01
1.7	2.24	4.00	3.79	3.42	3.01
1.79	2.36	4.00	3.79	3.42	3.01
1.74	2.29	4.00	3.79	3.42	3.01
1.76	2.32	4.00	3.79	3.42	3.01
1.73	2.28	4.00	3.79	3.42	3.01
1.63	2.15	4.00	3.79	3.42	3.01
1.63	2.15	4.00	3.79	3.42	3.01
1.63	2.15	4.00	3.79	3.42	3.01
2.11	2.78	4.00	3.79	3.42	3.01
2.39	3.15	4.00	3.79	3.42	3.01
2.28	3.01	4.00	3.79	3.42	3.01
2.28	3.01	4.00	3.79	3.42	3.01
2.28	3.01	3.93	3.60	3.20	2.70
2.39	3.15	3.93	3.60	3.20	2.70
2.33	3.07	3.93	3.60	3.20	2.70
2.37	3.13	3.93	3.60	3.20	2.70
2.35	3.10	3.93	3.60	3.20	2.70
2.47	3.26	3.93	3.60	3.20	2.70
2.54	3.35	3.93	3.60	3.20	2.70
2.4	3.17	3.93	3.60	3.20	2.70
2.28	3.01	3.93	3.60	3.20	2.70
2.21	2.92	3.93	3.60	3.20	2.70
2.18	2.88	3.93	3.60	3.20	2.70
2.18	2.88	3.93	3.60	3.20	2.70
2.23	2.94	3.93	3.60	3.20	2.70
2.18	2.88	3.93	3.60	3.20	2.70
2.22	2.93	3.93	3.60	3.20	2.70
2.21	2.92	3.93	3.60	3.20	2.70
2.16	2.85	3.93	3.60	3.20	2.70
2.26	2.98	3.93	3.60	3.20	2.70
2.26	2.98	3.93	3.60	3.20	2.70
2.15	2.84	3.93	3.60	3.20	2.70
2.28	3.01	3.93	3.60	3.20	2.70
2.28	3.01	3.61	3.26	2.78	2.95
2.07	2.73	3.61	3.26	2.78	2.95
2.06	2.72	3.61	3.26	2.78	2.95
2.07	2.73	3.61	3.26	2.78	2.95
2.08	2.75	3.61	3.26	2.78	2.95
2.23	2.95	3.61	3.26	2.78	2.95
2.17	2.87	3.61	3.26	2.78	2.95
2.16	2.85	3.61	3.26	2.78	2.95
2.15	2.84	3.61	3.26	2.78	2.95

2.08	2.75	3.61	3.26	2.78	2.95
2.08	2.75	3.61	3.26	2.78	2.95
1.95	2.58	3.61	3.26	2.78	2.95
1.93	2.55	3.61	3.26	2.78	2.95
1.89	2.50	3.61	3.26	2.78	2.95
1.83	2.42	3.61	3.26	2.78	2.95
1.86	2.46	3.61	3.26	2.78	2.95
1.85	2.44	3.61	3.26	2.78	2.95
1.85	2.44	3.61	3.26	2.78	2.95
1.78	2.35	3.61	3.26	2.78	2.95
1.78	2.35	3.61	3.26	2.78	2.95
1.62	2.14	3.61	3.26	2.78	2.95
1.57	2.07	3.25	2.84	2.96	2.54
1.6	2.11	3.25	2.84	2.96	2.54
1.59	2.09	3.25	2.84	2.96	2.54
1.49	1.96	3.25	2.84	2.96	2.54
1.56	2.05	3.25	2.84	2.96	2.54
1.6	2.11	3.25	2.84	2.96	2.54
1.61	2.12	3.25	2.84	2.96	2.54
1.72	2.27	3.25	2.84	2.96	2.54
1.74	2.29	3.25	2.84	2.96	2.54
1.68	2.21	3.25	2.84	2.96	2.54
1.81	2.38	3.25	2.84	2.96	2.54
1.77	2.33	3.25	2.84	2.96	2.54
1.84	2.42	3.25	2.84	2.96	2.54
1.84	2.42	3.25	2.84	2.96	2.54
1.79	2.36	3.25	2.84	2.96	2.54
1.79	2.36	3.25	2.84	2.96	2.54
1.79	2.36	3.25	2.84	2.96	2.54
1.78	2.34	3.25	2.84	2.96	2.54
1.78	2.34	3.25	2.84	2.96	2.54
1.78	2.34	3.25	2.84	2.96	2.54
1.77	2.33	3.25	2.84	2.96	2.54
1.87	2.46	3.25	2.84	2.96	2.54
1.98	2.61	3.25	2.84	2.96	2.54
1.88	2.47	2.92	3.02	2.62	2.38
1.96	2.57	2.92	3.02	2.62	2.38
1.96	2.57	2.92	3.02	2.62	2.38
1.91	2.51	2.92	3.02	2.62	2.38
1.96	2.57	2.92	3.02	2.62	2.38
1.99	2.61	2.92	3.02	2.62	2.38
1.9	2.49	2.92	3.02	2.62	2.38
1.97	2.58	2.92	3.02	2.62	2.38
2.01	2.64	2.92	3.02	2.62	2.38

1.93	2.53	2.92	3.02	2.62	2.38
1.71	2.24	2.92	3.02	2.62	2.38
1.76	2.31	2.92	3.02	2.62	2.38
1.94	2.55	2.92	3.02	2.62	2.38
1.94	2.55	2.92	3.02	2.62	2.38
1.96	2.57	2.92	3.02	2.62	2.38
1.92	2.52	2.92	3.02	2.62	2.38
1.97	2.58	2.92	3.02	2.62	2.38
1.97	2.58	2.92	3.02	2.62	2.38
1.88	2.47	2.92	3.02	2.62	2.38
1.88	2.47	2.92	3.02	2.62	2.38
1.89	2.48	2.92	3.02	2.62	2.38
1.91	2.50	3.08	2.71	2.49	2.64
1.94	2.54	3.08	2.71	2.49	2.64
2.03	2.66	3.08	2.71	2.49	2.64
2.05	2.68	3.08	2.71	2.49	2.64
1.86	2.43	3.08	2.71	2.49	2.64
2.01	2.63	3.08	2.71	2.49	2.64
2.01	2.63	3.08	2.71	2.49	2.64
2.01	2.63	3.08	2.71	2.49	2.64
2.01	2.63	3.08	2.71	2.49	2.64
1.96	2.57	3.08	2.71	2.49	2.64
1.91	2.50	3.08	2.71	2.49	2.64
1.97	2.58	3.08	2.71	2.49	2.64
1.91	2.50	3.08	2.71	2.49	2.64
1.83	2.40	3.08	2.71	2.49	2.64
1.81	2.37	3.08	2.71	2.49	2.64
1.96	2.57	3.08	2.71	2.49	2.64
1.91	2.50	3.08	2.71	2.49	2.64
1.77	2.32	3.08	2.71	2.49	2.64
1.77	2.32	3.08	2.71	2.49	2.64
1.77	2.32	3.08	2.71	2.49	2.64
1.77	2.32	3.08	2.71	2.49	2.64
2.12	2.77	3.08	2.71	2.49	2.64
2.25	2.94	2.78	2.62	2.77	2.72
2.3	3.00	2.78	2.62	2.77	2.72
2.31	3.01	2.78	2.62	2.77	2.72
2.32	3.03	2.78	2.62	2.77	2.72
2.32	3.03	2.78	2.62	2.77	2.72
2.36	3.08	2.78	2.62	2.77	2.72
2.34	3.05	2.78	2.62	2.77	2.72
2.46	3.21	2.78	2.62	2.77	2.72
2.55	3.33	2.78	2.62	2.77	2.72
2.55	3.33	2.78	2.62	2.77	2.72

2.62	3.42	2.78	2.62	2.77	2.72
2.62	3.42	2.78	2.62	2.77	2.72
2.59	3.38	2.78	2.62	2.77	2.72
2.74	3.58	2.78	2.62	2.77	2.72
2.79	3.64	2.78	2.62	2.77	2.72
2.82	3.68	2.78	2.62	2.77	2.72
2.69	3.51	2.78	2.62	2.77	2.72
2.71	3.54	2.78	2.62	2.77	2.72
2.79	3.64	2.78	2.62	2.77	2.72
2.89	3.77	2.78	2.62	2.77	2.72
2.94	3.84	2.78	2.62	2.77	2.72
2.94	3.84	2.78	2.62	2.77	2.72
2.89	3.77	2.75	2.91	2.91	3.44
2.89	3.77	2.75	2.91	2.91	3.44
2.82	3.68	2.75	2.91	2.91	3.44
2.82	3.68	2.75	2.91	2.91	3.44
2.78	3.63	2.75	2.91	2.91	3.44
2.8	3.66	2.75	2.91	2.91	3.44
2.88	3.76	2.75	2.91	2.91	3.44
2.88	3.76	2.75	2.91	2.91	3.44
2.81	3.67	2.75	2.91	2.91	3.44
2.79	3.64	2.75	2.91	2.91	3.44
2.7	3.53	2.75	2.91	2.91	3.44
2.83	3.70	2.75	2.91	2.91	3.44
2.83	3.70	2.75	2.91	2.91	3.44
2.76	3.60	2.75	2.91	2.91	3.44
2.76	3.60	2.75	2.91	2.91	3.44
2.8	3.66	2.75	2.91	2.91	3.44
2.8	3.66	2.75	2.91	2.91	3.44
2.84	3.71	2.75	2.91	2.91	3.44
2.84	3.71	2.75	2.91	2.91	3.44
2.79	3.64	2.75	2.91	2.91	3.44
2.97	3.88	2.75	2.91	2.91	3.44
2.97	3.87	2.99	3.01	3.49	3.60
2.79	3.64	2.99	3.01	3.49	3.60
2.89	3.77	2.99	3.01	3.49	3.60
2.89	3.77	2.99	3.01	3.49	3.60
2.88	3.75	2.99	3.01	3.49	3.60
2.85	3.71	2.99	3.01	3.49	3.60
2.85	3.71	2.99	3.01	3.49	3.60
2.76	3.60	2.99	3.01	3.49	3.60
2.7	3.52	2.99	3.01	3.49	3.60
2.7	3.52	2.99	3.01	3.49	3.60
2.75	3.58	2.99	3.01	3.49	3.60

2.75	3.58	2.99	3.01	3.49	3.60
2.76	3.60	2.99	3.01	3.49	3.60
2.75	3.58	2.99	3.01	3.49	3.60
2.67	3.48	2.99	3.01	3.49	3.60
2.75	3.58	2.99	3.01	3.49	3.60
2.75	3.58	2.99	3.01	3.49	3.60
2.82	3.68	2.99	3.01	3.49	3.60
2.89	3.77	2.99	3.01	3.49	3.60
2.91	3.79	2.99	3.01	3.49	3.60
2.97	3.87	2.99	3.01	3.49	3.60
2.95	3.85	2.99	3.01	3.49	3.60
2.95	3.85	2.99	3.01	3.49	3.60
2.95	3.84	3.07	3.52	3.57	3.54
2.88	3.74	3.07	3.52	3.57	3.54
2.88	3.74	3.07	3.52	3.57	3.54
2.88	3.74	3.07	3.52	3.57	3.54
2.77	3.60	3.07	3.52	3.57	3.54
2.88	3.74	3.07	3.52	3.57	3.54
2.93	3.81	3.07	3.52	3.57	3.54
3.04	3.95	3.07	3.52	3.57	3.54
3.04	3.95	3.07	3.52	3.57	3.54
3.07	3.99	3.07	3.52	3.57	3.54
2.98	3.87	3.07	3.52	3.57	3.54
2.97	3.86	3.07	3.52	3.57	3.54
3	3.90	3.07	3.52	3.57	3.54
3.12	4.06	3.07	3.52	3.57	3.54
3.19	4.15	3.07	3.52	3.57	3.54
3.18	4.13	3.07	3.52	3.57	3.54
3.06	3.98	3.07	3.52	3.57	3.54
3.06	3.98	3.07	3.52	3.57	3.54
3.09	4.02	3.07	3.52	3.57	3.54
3.07	3.99	3.07	3.52	3.57	3.54
2.98	3.87	3.07	3.52	3.57	3.54
2.84	3.69	3.07	3.52	3.57	3.54
2.84	3.68	3.59	3.63	3.59	3.77
2.83	3.67	3.59	3.63	3.59	3.77
2.83	3.67	3.59	3.63	3.59	3.77
3.04	3.94	3.59	3.63	3.59	3.77
3.02	3.92	3.59	3.63	3.59	3.77
3.18	4.12	3.59	3.63	3.59	3.77
3.17	4.11	3.59	3.63	3.59	3.77
3.17	4.11	3.59	3.63	3.59	3.77
3.16	4.10	3.59	3.63	3.59	3.77
3.18	4.12	3.59	3.63	3.59	3.77

3.21	4.16	3.59	3.63	3.59	3.77
3.25	4.22	3.59	3.63	3.59	3.77
3.18	4.12	3.59	3.63	3.59	3.77
3.12	4.05	3.59	3.63	3.59	3.77
2.92	3.79	3.59	3.63	3.59	3.77
2.78	3.61	3.59	3.63	3.59	3.77
2.69	3.49	3.59	3.63	3.59	3.77
2.69	3.49	3.59	3.63	3.59	3.77
2.72	3.53	3.59	3.63	3.59	3.77
2.72	3.53	3.59	3.63	3.59	3.77
2.85	3.70	3.59	3.63	3.59	3.77
2.53	3.28	3.86	3.80	3.88	3.97
2.53	3.28	3.86	3.80	3.88	3.97
2.41	3.12	3.86	3.80	3.88	3.97
2.2	2.85	3.86	3.80	3.88	3.97
2.37	3.07	3.86	3.80	3.88	3.97
2.34	3.03	3.86	3.80	3.88	3.97
2.22	2.88	3.86	3.80	3.88	3.97
2.08	2.69	3.86	3.80	3.88	3.97
2.08	2.69	3.86	3.80	3.88	3.97
2.26	2.93	3.86	3.80	3.88	3.97
2.49	3.23	3.86	3.80	3.88	3.97
2.49	3.23	3.86	3.80	3.88	3.97
2.37	3.07	3.86	3.80	3.88	3.97
2.6	3.37	3.86	3.80	3.88	3.97
2.81	3.64	3.86	3.80	3.88	3.97
2.73	3.54	3.86	3.80	3.88	3.97
2.76	3.58	3.86	3.80	3.88	3.97
2.76	3.58	3.86	3.80	3.88	3.97
2.76	3.58	3.86	3.80	3.88	3.97
2.96	3.83	3.86	3.80	3.88	3.97
3.02	3.91	3.86	3.80	3.88	3.97
3.32	4.30	3.86	3.80	3.88	3.97
3.32	4.29	4.08	4.13	4.29	3.72
3.44	4.45	4.08	4.13	4.29	3.72
3.44	4.45	4.08	4.13	4.29	3.72
3.75	4.85	4.08	4.13	4.29	3.72
3.8	4.91	4.08	4.13	4.29	3.72
3.68	4.76	4.08	4.13	4.29	3.72
3.75	4.85	4.08	4.13	4.29	3.72
3.6	4.65	4.08	4.13	4.29	3.72
3.65	4.72	4.08	4.13	4.29	3.72
3.55	4.59	4.08	4.13	4.29	3.72
3.56	4.60	4.08	4.13	4.29	3.72

3.51	4.54	4.08	4.13	4.29	3.72
3.55	4.59	4.08	4.13	4.29	3.72
3.39	4.38	4.08	4.13	4.29	3.72
3.5	4.52	4.08	4.13	4.29	3.72
3.5	4.52	4.08	4.13	4.29	3.72
3.6	4.65	4.08	4.13	4.29	3.72
3.6	4.65	4.08	4.13	4.29	3.72
3.7	4.78	4.08	4.13	4.29	3.72
3.7	4.78	4.08	4.13	4.29	3.72
3.71	4.79	4.08	4.13	4.29	3.72
3.71	4.79	4.08	4.13	4.29	3.72
3.71	4.77	4.25	4.44	3.88	4.62
3.41	4.39	4.25	4.44	3.88	4.62
3.42	4.40	4.25	4.44	3.88	4.62
3.42	4.40	4.25	4.44	3.88	4.62
3.38	4.35	4.25	4.44	3.88	4.62
3.14	4.04	4.25	4.44	3.88	4.62
3.21	4.13	4.25	4.44	3.88	4.62
3.27	4.21	4.25	4.44	3.88	4.62
3.36	4.32	4.25	4.44	3.88	4.62
3.36	4.32	4.25	4.44	3.88	4.62
3.36	4.32	4.25	4.44	3.88	4.62
3.37	4.34	4.25	4.44	3.88	4.62
3.26	4.20	4.25	4.44	3.88	4.62
3.25	4.18	4.25	4.44	3.88	4.62
3.23	4.16	4.25	4.44	3.88	4.62
3.16	4.07	4.25	4.44	3.88	4.62
3.16	4.07	4.25	4.44	3.88	4.62
3.26	4.20	4.25	4.44	3.88	4.62
3.44	4.43	4.25	4.44	3.88	4.62
3.31	4.26	4.25	4.44	3.88	4.62
3.22	4.14	4.25	4.44	3.88	4.62
3	3.86	4.25	4.44	3.88	4.62
3.15	4.05	4.43	3.91	4.62	4.23
3.13	4.02	4.43	3.91	4.62	4.23
3.13	4.02	4.43	3.91	4.62	4.23
2.92	3.75	4.43	3.91	4.62	4.23
3.03	3.89	4.43	3.91	4.62	4.23
3.05	3.92	4.43	3.91	4.62	4.23
3.11	4.00	4.43	3.91	4.62	4.23
3.11	4.00	4.43	3.91	4.62	4.23
2.93	3.76	4.43	3.91	4.62	4.23
2.85	3.66	4.43	3.91	4.62	4.23
2.95	3.79	4.43	3.91	4.62	4.23

2.88	3.70	4.43	3.91	4.62	4.23
2.75	3.53	4.43	3.91	4.62	4.23
2.75	3.53	4.43	3.91	4.62	4.23
2.56	3.29	4.43	3.91	4.62	4.23
2.52	3.24	4.43	3.91	4.62	4.23
2.63	3.38	4.43	3.91	4.62	4.23
2.63	3.38	4.43	3.91	4.62	4.23
2.44	3.14	4.43	3.91	4.62	4.23
2.54	3.26	4.43	3.91	4.62	4.23
2.54	3.27	3.90	4.56	4.23	3.74
2.59	3.33	3.90	4.56	4.23	3.74
2.5	3.21	3.90	4.56	4.23	3.74
2.68	3.45	3.90	4.56	4.23	3.74
2.68	3.45	3.90	4.56	4.23	3.74
2.59	3.33	3.90	4.56	4.23	3.74
2.83	3.64	3.90	4.56	4.23	3.74
2.98	3.83	3.90	4.56	4.23	3.74
3.04	3.91	3.90	4.56	4.23	3.74
3.02	3.88	3.90	4.56	4.23	3.74
3.02	3.88	3.90	4.56	4.23	3.74
2.84	3.65	3.90	4.56	4.23	3.74
2.85	3.66	3.90	4.56	4.23	3.74
2.93	3.77	3.90	4.56	4.23	3.74
3.09	3.97	3.90	4.56	4.23	3.74
3.02	3.88	3.90	4.56	4.23	3.74
2.93	3.77	3.90	4.56	4.23	3.74
2.97	3.82	3.90	4.56	4.23	3.74
2.94	3.78	3.90	4.56	4.23	3.74
2.95	3.79	3.90	4.56	4.23	3.74
3.03	3.90	3.90	4.56	4.23	3.74
3.08	3.96	3.90	4.56	4.23	3.74
3.13	4.02	3.90	4.56	4.23	3.74
3.13	4.02	4.39	4.23	3.85	3.84
3.06	3.93	4.39	4.23	3.85	3.84
3.22	4.13	4.39	4.23	3.85	3.84
3.23	4.15	4.39	4.23	3.85	3.84
3.23	4.15	4.39	4.23	3.85	3.84
3.15	4.04	4.39	4.23	3.85	3.84
3.11	3.99	4.39	4.23	3.85	3.84
2.97	3.81	4.39	4.23	3.85	3.84
3	3.85	4.39	4.23	3.85	3.84
3	3.85	4.39	4.23	3.85	3.84
3.09	3.97	4.39	4.23	3.85	3.84
3.11	3.99	4.39	4.23	3.85	3.84

3.11	3.99	4.39	4.23	3.85	3.84
3.13	4.02	4.39	4.23	3.85	3.84
3.06	3.93	4.39	4.23	3.85	3.84
3.06	3.93	4.39	4.23	3.85	3.84
2.99	3.84	4.39	4.23	3.85	3.84
3.06	3.93	4.39	4.23	3.85	3.84
3.13	4.02	4.39	4.23	3.85	3.84
3.2	4.11	4.39	4.23	3.85	3.84
3.2	4.11	4.25	3.94	3.94	4.10
3.13	4.02	4.25	3.94	3.94	4.10
3.14	4.03	4.25	3.94	3.94	4.10
3.11	4.00	4.25	3.94	3.94	4.10
3.1	3.98	4.25	3.94	3.94	4.10
3.06	3.93	4.25	3.94	3.94	4.10
3.03	3.89	4.25	3.94	3.94	4.10
3.03	3.89	4.25	3.94	3.94	4.10
3.23	4.15	4.25	3.94	3.94	4.10
3.24	4.16	4.25	3.94	3.94	4.10
3.26	4.19	4.25	3.94	3.94	4.10
3.27	4.20	4.25	3.94	3.94	4.10
3.27	4.20	4.25	3.94	3.94	4.10
3.13	4.02	4.25	3.94	3.94	4.10
3.11	4.00	4.25	3.94	3.94	4.10
3.24	4.16	4.25	3.94	3.94	4.10
3.22	4.14	4.25	3.94	3.94	4.10
3.22	4.14	4.25	3.94	3.94	4.10
3.1	3.98	4.25	3.94	3.94	4.10
3.1	3.98	4.25	3.94	3.94	4.10
3.1	3.98	4.25	3.94	3.94	4.10
3.1	3.98	4.25	3.94	3.94	4.10
3.05	3.92	4.25	3.94	3.94	4.10
3.05	3.92	4.02	4.03	4.21	4.15
2.85	3.66	4.02	4.03	4.21	4.15
2.92	3.75	4.02	4.03	4.21	4.15
2.92	3.75	4.02	4.03	4.21	4.15
3.06	3.93	4.02	4.03	4.21	4.15
2.98	3.83	4.02	4.03	4.21	4.15
3.03	3.89	4.02	4.03	4.21	4.15
3.12	4.01	4.02	4.03	4.21	4.15
3.12	4.01	4.02	4.03	4.21	4.15
2.95	3.79	4.02	4.03	4.21	4.15
2.94	3.78	4.02	4.03	4.21	4.15
3.01	3.87	4.02	4.03	4.21	4.15
2.87	3.69	4.02	4.03	4.21	4.15

2.91	3.74	4.02	4.03	4.21	4.15
2.91	3.74	4.02	4.03	4.21	4.15
2.88	3.70	4.02	4.03	4.21	4.15
2.89	3.71	4.02	4.03	4.21	4.15
2.98	3.83	4.02	4.03	4.21	4.15
2.99	3.84	4.02	4.03	4.21	4.15
3.03	3.89	4.02	4.03	4.21	4.15
3.07	3.94	4.02	4.03	4.21	4.15
2.98	3.83	4.02	4.03	4.21	4.15
2.98	3.83	4.11	4.29	4.26	3.84
2.98	3.83	4.11	4.29	4.26	3.84
2.98	3.83	4.11	4.29	4.26	3.84
2.89	3.71	4.11	4.29	4.26	3.84
2.91	3.74	4.11	4.29	4.26	3.84
2.92	3.75	4.11	4.29	4.26	3.84
2.98	3.83	4.11	4.29	4.26	3.84
3.01	3.86	4.11	4.29	4.26	3.84
2.96	3.80	4.11	4.29	4.26	3.84
2.94	3.77	4.11	4.29	4.26	3.84
3.04	3.90	4.11	4.29	4.26	3.84
3.11	3.99	4.11	4.29	4.26	3.84
3.11	3.99	4.11	4.29	4.26	3.84
3.12	4.01	4.11	4.29	4.26	3.84
3.06	3.93	4.11	4.29	4.26	3.84
2.99	3.84	4.11	4.29	4.26	3.84
2.99	3.84	4.11	4.29	4.26	3.84
2.92	3.75	4.11	4.29	4.26	3.84
2.95	3.79	4.11	4.29	4.26	3.84
2.96	3.80	4.11	4.29	4.26	3.84
2.87	3.68	4.11	4.29	4.26	3.84
2.8	3.58	4.31	4.28	3.86	3.78
2.8	3.58	4.31	4.28	3.86	3.78
2.76	3.53	4.31	4.28	3.86	3.78
2.76	3.53	4.31	4.28	3.86	3.78
2.8	3.58	4.31	4.28	3.86	3.78
2.81	3.59	4.31	4.28	3.86	3.78
2.81	3.59	4.31	4.28	3.86	3.78
2.89	3.70	4.31	4.28	3.86	3.78
2.96	3.79	4.31	4.28	3.86	3.78
3.02	3.86	4.31	4.28	3.86	3.78
2.96	3.79	4.31	4.28	3.86	3.78
2.94	3.76	4.31	4.28	3.86	3.78
2.91	3.72	4.31	4.28	3.86	3.78
2.9	3.71	4.31	4.28	3.86	3.78

3	3.84	4.31	4.28	3.86	3.78
3	3.84	4.31	4.28	3.86	3.78
2.94	3.76	4.31	4.28	3.86	3.78
2.97	3.80	4.31	4.28	3.86	3.78
2.93	3.75	4.31	4.28	3.86	3.78
2.95	3.77	4.31	4.28	3.86	3.78
2.95	3.77	4.31	4.28	3.86	3.78
2.95	3.77	4.31	4.28	3.86	3.78
2.92	3.73	4.31	4.28	3.86	3.78
2.88	3.66	4.24	3.83	3.75	3.70
2.88	3.66	4.24	3.83	3.75	3.70
2.88	3.66	4.24	3.83	3.75	3.70
2.98	3.79	4.24	3.83	3.75	3.70
2.92	3.72	4.24	3.83	3.75	3.70
2.88	3.66	4.24	3.83	3.75	3.70
2.88	3.66	4.24	3.83	3.75	3.70
2.88	3.66	4.24	3.83	3.75	3.70
3.02	3.84	4.24	3.83	3.75	3.70
3.03	3.86	4.24	3.83	3.75	3.70
3	3.82	4.24	3.83	3.75	3.70
3.11	3.96	4.24	3.83	3.75	3.70
3.18	4.05	4.24	3.83	3.75	3.70
3.13	3.98	4.24	3.83	3.75	3.70
3.11	3.96	4.24	3.83	3.75	3.70
2.93	3.73	4.24	3.83	3.75	3.70
2.96	3.77	4.24	3.83	3.75	3.70
2.96	3.77	4.24	3.83	3.75	3.70
2.98	3.79	4.24	3.83	3.75	3.70
2.96	3.77	4.24	3.83	3.75	3.70
2.94	3.74	4.24	3.83	3.75	3.70
2.94	3.74	3.87	3.80	3.74	3.82
2.73	3.47	3.87	3.80	3.74	3.82
2.8	3.56	3.87	3.80	3.74	3.82
2.8	3.56	3.87	3.80	3.74	3.82
2.93	3.72	3.87	3.80	3.74	3.82
2.87	3.65	3.87	3.80	3.74	3.82
2.89	3.67	3.87	3.80	3.74	3.82
2.89	3.67	3.87	3.80	3.74	3.82
2.95	3.75	3.87	3.80	3.74	3.82
2.99	3.80	3.87	3.80	3.74	3.82
2.87	3.65	3.87	3.80	3.74	3.82
2.88	3.66	3.87	3.80	3.74	3.82
2.81	3.57	3.87	3.80	3.74	3.82
2.83	3.60	3.87	3.80	3.74	3.82

2.8	3.56	3.87	3.80	3.74	3.82
2.95	3.75	3.87	3.80	3.74	3.82
2.95	3.75	3.87	3.80	3.74	3.82
2.98	3.79	3.87	3.80	3.74	3.82
2.91	3.70	3.87	3.80	3.74	3.82
2.78	3.53	3.87	3.80	3.74	3.82
2.94	3.74	3.87	3.80	3.74	3.82
2.84	3.61	3.87	3.80	3.74	3.82
2.68	3.40	3.89	3.83	3.91	3.70
2.68	3.40	3.89	3.83	3.91	3.70
2.75	3.49	3.89	3.83	3.91	3.70
3.01	3.82	3.89	3.83	3.91	3.70
3.07	3.89	3.89	3.83	3.91	3.70
3.16	4.01	3.89	3.83	3.91	3.70
3.18	4.03	3.89	3.83	3.91	3.70
3.17	4.02	3.89	3.83	3.91	3.70
3.13	3.97	3.89	3.83	3.91	3.70
3.06	3.88	3.89	3.83	3.91	3.70
3.16	4.01	3.89	3.83	3.91	3.70
3.09	3.92	3.89	3.83	3.91	3.70
3.04	3.85	3.89	3.83	3.91	3.70
3.04	3.85	3.89	3.83	3.91	3.70
3.05	3.87	3.89	3.83	3.91	3.70
3.05	3.87	3.89	3.83	3.91	3.70
3.05	3.87	3.89	3.83	3.91	3.70
2.88	3.65	3.89	3.83	3.91	3.70
2.88	3.65	3.89	3.83	3.91	3.70
3.06	3.88	3.89	3.83	3.91	3.70
3.06	3.88	3.89	3.83	3.91	3.70
2.84	3.59	4.00	4.09	3.91	3.88
2.91	3.68	4.00	4.09	3.91	3.88
2.86	3.62	4.00	4.09	3.91	3.88
2.86	3.62	4.00	4.09	3.91	3.88
2.81	3.56	4.00	4.09	3.91	3.88
2.78	3.52	4.00	4.09	3.91	3.88
2.81	3.56	4.00	4.09	3.91	3.88
2.87	3.63	4.00	4.09	3.91	3.88
2.87	3.63	4.00	4.09	3.91	3.88
2.69	3.40	4.00	4.09	3.91	3.88
2.6	3.29	4.00	4.09	3.91	3.88
2.71	3.43	4.00	4.09	3.91	3.88
2.75	3.48	4.00	4.09	3.91	3.88
2.72	3.44	4.00	4.09	3.91	3.88

2.64	3.34	4.00	4.09	3.91	3.88
2.63	3.33	4.00	4.09	3.91	3.88
2.68	3.39	4.00	4.09	3.91	3.88
2.76	3.49	4.00	4.09	3.91	3.88
2.97	3.76	4.00	4.09	3.91	3.88
3.69	4.67	4.00	4.09	3.91	3.88
6.24	7.86	4.19	4.04	3.97	3.50
6.24	7.86	4.19	4.04	3.97	3.50
4.65	5.86	4.19	4.04	3.97	3.50
2.89	3.64	4.19	4.04	3.97	3.50
2.93	3.69	4.19	4.04	3.97	3.50
3.16	3.98	4.19	4.04	3.97	3.50
3.16	3.98	4.19	4.04	3.97	3.50
4.06	5.12	4.19	4.04	3.97	3.50
5.46	6.88	4.19	4.04	3.97	3.50
3.92	4.94	4.19	4.04	3.97	3.50
3.92	4.94	4.19	4.04	3.97	3.50
3.2	4.03	4.19	4.04	3.97	3.50
3.13	3.94	4.19	4.04	3.97	3.50
3.35	4.22	4.19	4.04	3.97	3.50
3.54	4.46	4.19	4.04	3.97	3.50
3.54	4.46	4.19	4.04	3.97	3.50
3.58	4.51	4.19	4.04	3.97	3.50
3.6	4.54	4.19	4.04	3.97	3.50
3.6	4.54	4.19	4.04	3.97	3.50
3.34	4.21	4.19	4.04	3.97	3.50
3.06	3.84	4.03	3.96	3.49	3.96
2.91	3.66	4.03	3.96	3.49	3.96
2.85	3.58	4.03	3.96	3.49	3.96
2.75	3.46	4.03	3.96	3.49	3.96
2.74	3.44	4.03	3.96	3.49	3.96
2.74	3.44	4.03	3.96	3.49	3.96
2.66	3.34	4.03	3.96	3.49	3.96
2.6	3.27	4.03	3.96	3.49	3.96
2.58	3.24	4.03	3.96	3.49	3.96
2.53	3.18	4.03	3.96	3.49	3.96
2.49	3.13	4.03	3.96	3.49	3.96
2.49	3.13	4.03	3.96	3.49	3.96
2.61	3.28	4.03	3.96	3.49	3.96
2.65	3.33	4.03	3.96	3.49	3.96
2.65	3.33	4.03	3.96	3.49	3.96
2.58	3.24	4.03	3.96	3.49	3.96
2.6	3.27	4.03	3.96	3.49	3.96

2.59	3.25	4.03	3.96	3.49	3.96
2.66	3.34	4.03	3.96	3.49	3.96
2.67	3.35	3.89	3.44	3.71	3.34
2.67	3.35	3.89	3.44	3.71	3.34
2.7	3.39	3.89	3.44	3.71	3.34
2.7	3.39	3.89	3.44	3.71	3.34
2.8	3.52	3.89	3.44	3.71	3.34
2.8	3.52	3.89	3.44	3.71	3.34
2.71	3.40	3.89	3.44	3.71	3.34
2.78	3.49	3.89	3.44	3.71	3.34
2.76	3.47	3.89	3.44	3.71	3.34
2.69	3.38	3.89	3.44	3.71	3.34
2.7	3.39	3.89	3.44	3.71	3.34
2.62	3.29	3.89	3.44	3.71	3.34
2.62	3.29	3.89	3.44	3.71	3.34
2.71	3.40	3.89	3.44	3.71	3.34
2.74	3.44	3.89	3.44	3.71	3.34
2.62	3.29	3.89	3.44	3.71	3.34
2.58	3.24	3.89	3.44	3.71	3.34
2.63	3.30	3.89	3.44	3.71	3.34
2.6	3.27	3.89	3.44	3.71	3.34
2.64	3.32	3.89	3.44	3.71	3.34
2.81	3.53	3.89	3.44	3.71	3.34
2.75	3.45	3.34	3.51	3.35	3.38
2.75	3.45	3.34	3.51	3.35	3.38
2.81	3.52	3.34	3.51	3.35	3.38
2.81	3.52	3.34	3.51	3.35	3.38
2.81	3.52	3.34	3.51	3.35	3.38
2.78	3.48	3.34	3.51	3.35	3.38
2.78	3.48	3.34	3.51	3.35	3.38
2.74	3.43	3.34	3.51	3.35	3.38
2.76	3.46	3.34	3.51	3.35	3.38
2.82	3.53	3.34	3.51	3.35	3.38
2.88	3.61	3.34	3.51	3.35	3.38
2.84	3.56	3.34	3.51	3.35	3.38
2.85	3.57	3.34	3.51	3.35	3.38
2.8	3.51	3.34	3.51	3.35	3.38
2.78	3.48	3.34	3.51	3.35	3.38
2.78	3.48	3.34	3.51	3.35	3.38
2.79	3.50	3.34	3.51	3.35	3.38
2.81	3.52	3.34	3.51	3.35	3.38
2.81	3.52	3.34	3.51	3.35	3.38
2.82	3.53	3.34	3.51	3.35	3.38
2.75	3.45	3.34	3.51	3.35	3.38

2.75	3.44	3.49	3.37	3.42	3.41
2.77	3.46	3.49	3.37	3.42	3.41
2.75	3.44	3.49	3.37	3.42	3.41
2.75	3.44	3.49	3.37	3.42	3.41
2.74	3.43	3.49	3.37	3.42	3.41
2.77	3.46	3.49	3.37	3.42	3.41
2.75	3.44	3.49	3.37	3.42	3.41
2.78	3.48	3.49	3.37	3.42	3.41
2.75	3.44	3.49	3.37	3.42	3.41
2.84	3.55	3.49	3.37	3.42	3.41
2.83	3.54	3.49	3.37	3.42	3.41
2.85	3.56	3.49	3.37	3.42	3.41
2.75	3.44	3.49	3.37	3.42	3.41
2.75	3.44	3.49	3.37	3.42	3.41
2.77	3.46	3.49	3.37	3.42	3.41
2.76	3.45	3.49	3.37	3.42	3.41
2.89	3.61	3.49	3.37	3.42	3.41
2.88	3.60	3.49	3.37	3.42	3.41
2.88	3.60	3.49	3.37	3.42	3.41
2.84	3.55	3.49	3.37	3.42	3.41
2.83	3.54	3.49	3.37	3.42	3.41
2.94	3.68	3.49	3.37	3.42	3.41
2.91	3.63	3.41	3.48	3.45	3.54
2.89	3.61	3.41	3.48	3.45	3.54
2.89	3.61	3.41	3.48	3.45	3.54
2.89	3.61	3.41	3.48	3.45	3.54
3.02	3.77	3.41	3.48	3.45	3.54
2.91	3.63	3.41	3.48	3.45	3.54
3	3.75	3.41	3.48	3.45	3.54
2.98	3.72	3.41	3.48	3.45	3.54
2.98	3.72	3.41	3.48	3.45	3.54
2.99	3.73	3.41	3.48	3.45	3.54
3.02	3.77	3.41	3.48	3.45	3.54
2.99	3.73	3.41	3.48	3.45	3.54
2.95	3.68	3.41	3.48	3.45	3.54
2.96	3.70	3.41	3.48	3.45	3.54
3.08	3.85	3.41	3.48	3.45	3.54
2.95	3.68	3.41	3.48	3.45	3.54
2.96	3.70	3.41	3.48	3.45	3.54
2.98	3.72	3.41	3.48	3.45	3.54
3.01	3.76	3.41	3.48	3.45	3.54
2.99	3.73	3.41	3.48	3.45	3.54
2.96	3.70	3.41	3.48	3.45	3.54
2.9	3.62	3.53	3.50	3.57	3.67

2.9	3.62	3.53	3.50	3.57	3.67
2.91	3.63	3.53	3.50	3.57	3.67
2.91	3.63	3.53	3.50	3.57	3.67
2.9	3.62	3.53	3.50	3.57	3.67
2.9	3.62	3.53	3.50	3.57	3.67
2.89	3.61	3.53	3.50	3.57	3.67
2.89	3.61	3.53	3.50	3.57	3.67
2.86	3.57	3.53	3.50	3.57	3.67
2.76	3.44	3.53	3.50	3.57	3.67
2.81	3.51	3.53	3.50	3.57	3.67
2.8	3.49	3.53	3.50	3.57	3.67
2.75	3.43	3.53	3.50	3.57	3.67
2.79	3.48	3.53	3.50	3.57	3.67
2.79	3.48	3.53	3.50	3.57	3.67
2.73	3.41	3.53	3.50	3.57	3.67
2.82	3.52	3.53	3.50	3.57	3.67
2.82	3.52	3.53	3.50	3.57	3.67
2.78	3.47	3.53	3.50	3.57	3.67
2.75	3.43	3.53	3.50	3.57	3.67
2.82	3.52	3.53	3.50	3.57	3.67
2.8	3.49	3.51	3.58	3.66	3.48
2.77	3.45	3.51	3.58	3.66	3.48
2.86	3.56	3.51	3.58	3.66	3.48
2.85	3.55	3.51	3.58	3.66	3.48
2.95	3.68	3.51	3.58	3.66	3.48
2.99	3.73	3.51	3.58	3.66	3.48
3.02	3.76	3.51	3.58	3.66	3.48
2.96	3.69	3.51	3.58	3.66	3.48
2.92	3.64	3.51	3.58	3.66	3.48
3.02	3.76	3.51	3.58	3.66	3.48
3.02	3.76	3.51	3.58	3.66	3.48
3.02	3.76	3.51	3.58	3.66	3.48
3.01	3.75	3.51	3.58	3.66	3.48
3.04	3.79	3.51	3.58	3.66	3.48
3.01	3.75	3.51	3.58	3.66	3.48
3.02	3.76	3.51	3.58	3.66	3.48
3.01	3.75	3.51	3.58	3.66	3.48
2.99	3.73	3.51	3.58	3.66	3.48
2.98	3.71	3.51	3.58	3.66	3.48
2.98	3.71	3.51	3.58	3.66	3.48
2.96	3.69	3.51	3.58	3.66	3.48
2.96	3.69	3.51	3.58	3.66	3.48
2.98	3.71	3.51	3.58	3.66	3.48
2.96	3.68	3.55	3.63	3.44	3.62

3	3.73	3.55	3.63	3.44	3.62
2.93	3.64	3.55	3.63	3.44	3.62
2.88	3.58	3.55	3.63	3.44	3.62
2.9	3.61	3.55	3.63	3.44	3.62
2.94	3.66	3.55	3.63	3.44	3.62
2.98	3.70	3.55	3.63	3.44	3.62
2.94	3.66	3.55	3.63	3.44	3.62
2.91	3.62	3.55	3.63	3.44	3.62
2.95	3.67	3.55	3.63	3.44	3.62
3	3.73	3.55	3.63	3.44	3.62
3.11	3.87	3.55	3.63	3.44	3.62
3.07	3.82	3.55	3.63	3.44	3.62
3.02	3.75	3.55	3.63	3.44	3.62
3.04	3.78	3.55	3.63	3.44	3.62
3.12	3.88	3.55	3.63	3.44	3.62
3.1	3.85	3.55	3.63	3.44	3.62
3.05	3.79	3.55	3.63	3.44	3.62
3.01	3.74	3.55	3.63	3.44	3.62
3.13	3.88	3.64	3.46	3.61	3.59
3.14	3.89	3.64	3.46	3.61	3.59
3.26	4.04	3.64	3.46	3.61	3.59
3.39	4.20	3.64	3.46	3.61	3.59
3.25	4.03	3.64	3.46	3.61	3.59
3.28	4.07	3.64	3.46	3.61	3.59
3.4	4.22	3.64	3.46	3.61	3.59
3.45	4.28	3.64	3.46	3.61	3.59
3.16	3.92	3.64	3.46	3.61	3.59
3.19	3.96	3.64	3.46	3.61	3.59
3.26	4.04	3.64	3.46	3.61	3.59
3.27	4.06	3.64	3.46	3.61	3.59
3.3	4.09	3.64	3.46	3.61	3.59
3.28	4.07	3.64	3.46	3.61	3.59
3.2	3.97	3.64	3.46	3.61	3.59
3.2	3.97	3.64	3.46	3.61	3.59
3.28	4.07	3.64	3.46	3.61	3.59
3.42	4.24	3.64	3.46	3.61	3.59
3.42	4.24	3.64	3.46	3.61	3.59
3.27	4.06	3.64	3.46	3.61	3.59
3.2	3.97	3.64	3.46	3.61	3.59
3.27	4.06	3.64	3.46	3.61	3.59
3.31	4.11	3.64	3.46	3.61	3.59
3.36	4.17	3.53	3.66	3.60	3.98
3.26	4.05	3.53	3.66	3.60	3.98
3.53	4.38	3.53	3.66	3.60	3.98

3.53	4.38	3.53	3.66	3.60	3.98
3.54	4.39	3.53	3.66	3.60	3.98
3.54	4.39	3.53	3.66	3.60	3.98
3.74	4.64	3.53	3.66	3.60	3.98
3.96	4.92	3.53	3.66	3.60	3.98
4.1	5.09	3.53	3.66	3.60	3.98
4.1	5.09	3.53	3.66	3.60	3.98
4.69	5.82	3.53	3.66	3.60	3.98
4.3	5.34	3.53	3.66	3.60	3.98
4.65	5.77	3.53	3.66	3.60	3.98
4.65	5.77	3.53	3.66	3.60	3.98
4.7	5.83	3.53	3.66	3.60	3.98
4.28	5.31	3.53	3.66	3.60	3.98
4.28	5.31	3.53	3.66	3.60	3.98
4.5	5.59	3.53	3.66	3.60	3.98
4.5	5.59	3.53	3.66	3.60	3.98
4.61	5.72	3.53	3.66	3.60	3.98
4.4	5.46	3.77	3.70	4.05	5.10
4.4	5.46	3.77	3.70	4.05	5.10
4.69	5.82	3.77	3.70	4.05	5.10
4.44	5.51	3.77	3.70	4.05	5.10
4.51	5.59	3.77	3.70	4.05	5.10
4.54	5.63	3.77	3.70	4.05	5.10
4.53	5.62	3.77	3.70	4.05	5.10
4.53	5.62	3.77	3.70	4.05	5.10
4.31	5.35	3.77	3.70	4.05	5.10
3.99	4.95	3.77	3.70	4.05	5.10
3.8	4.71	3.77	3.70	4.05	5.10
3.8	4.71	3.77	3.70	4.05	5.10
3.64	4.52	3.77	3.70	4.05	5.10
3.7	4.59	3.77	3.70	4.05	5.10
3.7	4.59	3.77	3.70	4.05	5.10
3.42	4.24	3.77	3.70	4.05	5.10
3.1	3.85	3.77	3.70	4.05	5.10
3.25	4.03	3.77	3.70	4.05	5.10
3.25	4.03	3.79	4.12	5.11	4.85
2.72	3.38	3.79	4.12	5.11	4.85
2.8	3.48	3.79	4.12	5.11	4.85
2.74	3.40	3.79	4.12	5.11	4.85
2.89	3.59	3.79	4.12	5.11	4.85
2.92	3.62	3.79	4.12	5.11	4.85
2.95	3.66	3.79	4.12	5.11	4.85
2.95	3.66	3.79	4.12	5.11	4.85
3.36	4.17	3.79	4.12	5.11	4.85

3.54	4.39	3.79	4.12	5.11	4.85
3.58	4.44	3.79	4.12	5.11	4.85
3.58	4.44	3.79	4.12	5.11	4.85
3.43	4.26	3.79	4.12	5.11	4.85
3.43	4.26	3.79	4.12	5.11	4.85
3.13	3.89	3.79	4.12	5.11	4.85
3.13	3.89	3.79	4.12	5.11	4.85
3.07	3.81	3.79	4.12	5.11	4.85
3.05	3.79	3.79	4.12	5.11	4.85
2.94	3.65	3.79	4.12	5.11	4.85
3	3.72	3.79	4.12	5.11	4.85
2.82	3.50	3.79	4.12	5.11	4.85
2.7	3.34	3.98	4.90	4.70	3.85
2.57	3.18	3.98	4.90	4.70	3.85
2.54	3.14	3.98	4.90	4.70	3.85
2.58	3.19	3.98	4.90	4.70	3.85
2.62	3.24	3.98	4.90	4.70	3.85
2.66	3.29	3.98	4.90	4.70	3.85
2.76	3.42	3.98	4.90	4.70	3.85
2.71	3.35	3.98	4.90	4.70	3.85
2.61	3.23	3.98	4.90	4.70	3.85
2.61	3.23	3.98	4.90	4.70	3.85
2.59	3.21	3.98	4.90	4.70	3.85
2.69	3.33	3.98	4.90	4.70	3.85
2.69	3.33	3.98	4.90	4.70	3.85
2.73	3.38	3.98	4.90	4.70	3.85
2.74	3.39	3.98	4.90	4.70	3.85
2.84	3.52	3.98	4.90	4.70	3.85
2.74	3.39	3.98	4.90	4.70	3.85
2.89	3.58	3.98	4.90	4.70	3.85
2.89	3.58	3.98	4.90	4.70	3.85
3.19	3.93	4.42	4.42	3.66	3.30
4.25	5.24	4.42	4.42	3.66	3.30
3.18	3.92	4.42	4.42	3.66	3.30
3.18	3.92	4.42	4.42	3.66	3.30
2.9	3.58	4.42	4.42	3.66	3.30
2.9	3.58	4.42	4.42	3.66	3.30
2.86	3.53	4.42	4.42	3.66	3.30
2.83	3.49	4.42	4.42	3.66	3.30
2.87	3.54	4.42	4.42	3.66	3.30
2.95	3.64	4.42	4.42	3.66	3.30
2.95	3.64	4.42	4.42	3.66	3.30
2.9	3.58	4.42	4.42	3.66	3.30
2.92	3.60	4.42	4.42	3.66	3.30

2.86	3.53	4.42	4.42	3.66	3.30
2.86	3.53	4.42	4.42	3.66	3.30
2.75	3.39	4.42	4.42	3.66	3.30
2.72	3.35	4.42	4.42	3.66	3.30
2.74	3.38	4.42	4.42	3.66	3.30
2.69	3.32	4.42	4.42	3.66	3.30
2.69	3.32	4.42	4.42	3.66	3.30
2.73	3.37	4.42	4.42	3.66	3.30
2.73	3.35	3.54	3.41	3.30	3.45
2.76	3.39	3.54	3.41	3.30	3.45
2.74	3.37	3.54	3.41	3.30	3.45
2.66	3.27	3.54	3.41	3.30	3.45
2.62	3.22	3.54	3.41	3.30	3.45
2.72	3.34	3.54	3.41	3.30	3.45
2.71	3.33	3.54	3.41	3.30	3.45
2.72	3.34	3.54	3.41	3.30	3.45
2.72	3.34	3.54	3.41	3.30	3.45
2.75	3.38	3.54	3.41	3.30	3.45
2.75	3.38	3.54	3.41	3.30	3.45
2.66	3.27	3.54	3.41	3.30	3.45
2.55	3.13	3.54	3.41	3.30	3.45
2.54	3.12	3.54	3.41	3.30	3.45
2.61	3.21	3.54	3.41	3.30	3.45
2.53	3.11	3.54	3.41	3.30	3.45
2.53	3.11	3.54	3.41	3.30	3.45
2.54	3.12	3.54	3.41	3.30	3.45
2.58	3.17	3.54	3.41	3.30	3.45
2.58	3.17	3.54	3.41	3.30	3.45
2.59	3.18	3.54	3.41	3.30	3.45
2.59	3.18	3.40	3.33	3.46	3.19
2.63	3.23	3.40	3.33	3.46	3.19
2.59	3.18	3.40	3.33	3.46	3.19
2.54	3.12	3.40	3.33	3.46	3.19
2.54	3.12	3.40	3.33	3.46	3.19
2.64	3.24	3.40	3.33	3.46	3.19
2.62	3.22	3.40	3.33	3.46	3.19
2.64	3.24	3.40	3.33	3.46	3.19
2.71	3.33	3.40	3.33	3.46	3.19
2.7	3.32	3.40	3.33	3.46	3.19
2.69	3.30	3.40	3.33	3.46	3.19
2.62	3.22	3.40	3.33	3.46	3.19
2.61	3.21	3.40	3.33	3.46	3.19
2.7	3.32	3.40	3.33	3.46	3.19
2.73	3.35	3.40	3.33	3.46	3.19

2.73	3.35	3.40	3.33	3.46	3.19
2.56	3.14	3.40	3.33	3.46	3.19
2.6	3.19	3.40	3.33	3.46	3.19
2.65	3.25	3.40	3.33	3.46	3.19
2.69	3.30	3.40	3.33	3.46	3.19
2.69	3.30	3.40	3.33	3.46	3.19
2.59	3.18	3.40	3.33	3.46	3.19
2.5	3.07	3.39	3.52	3.24	3.19
2.45	3.01	3.39	3.52	3.24	3.19
2.45	3.01	3.39	3.52	3.24	3.19
2.4	2.95	3.39	3.52	3.24	3.19
2.43	2.99	3.39	3.52	3.24	3.19
2.42	2.97	3.39	3.52	3.24	3.19
2.41	2.96	3.39	3.52	3.24	3.19
2.43	2.99	3.39	3.52	3.24	3.19
2.43	2.99	3.39	3.52	3.24	3.19
2.37	2.91	3.39	3.52	3.24	3.19
2.46	3.02	3.39	3.52	3.24	3.19
2.44	3.00	3.39	3.52	3.24	3.19
2.43	2.99	3.39	3.52	3.24	3.19
2.38	2.92	3.39	3.52	3.24	3.19
2.27	2.79	3.39	3.52	3.24	3.19
2.31	2.84	3.39	3.52	3.24	3.19
2.31	2.84	3.39	3.52	3.24	3.19
2.34	2.87	3.39	3.52	3.24	3.19
2.32	2.85	3.39	3.52	3.24	3.19
2.42	2.97	3.39	3.52	3.24	3.19
2.33	2.86	3.57	3.30	3.21	2.86
2.3	2.82	3.57	3.30	3.21	2.86
2.29	2.81	3.57	3.30	3.21	2.86
2.39	2.93	3.57	3.30	3.21	2.86
2.41	2.95	3.57	3.30	3.21	2.86
2.49	3.05	3.57	3.30	3.21	2.86
2.54	3.11	3.57	3.30	3.21	2.86
2.54	3.11	3.57	3.30	3.21	2.86
2.53	3.10	3.57	3.30	3.21	2.86
2.53	3.10	3.57	3.30	3.21	2.86
2.44	2.99	3.57	3.30	3.21	2.86
2.38	2.92	3.57	3.30	3.21	2.86
2.3	2.82	3.57	3.30	3.21	2.86
2.33	2.86	3.57	3.30	3.21	2.86
2.34	2.87	3.57	3.30	3.21	2.86
2.33	2.86	3.57	3.30	3.21	2.86
2.26	2.77	3.57	3.30	3.21	2.86

2.23	2.73	3.57	3.30	3.21	2.86
2.23	2.73	3.57	3.30	3.21	2.86
2.22	2.72	3.57	3.30	3.21	2.86
2.28	2.79	3.57	3.30	3.21	2.86
2.36	2.89	3.33	3.22	2.84	2.82
2.12	2.60	3.33	3.22	2.84	2.82
2.02	2.47	3.33	3.22	2.84	2.82
2.15	2.63	3.33	3.22	2.84	2.82
2.18	2.67	3.33	3.22	2.84	2.82
2.13	2.61	3.33	3.22	2.84	2.82
2.09	2.56	3.33	3.22	2.84	2.82
2.21	2.71	3.33	3.22	2.84	2.82
2.24	2.74	3.33	3.22	2.84	2.82
2.22	2.72	3.33	3.22	2.84	2.82
2.19	2.68	3.33	3.22	2.84	2.82
2.2	2.69	3.33	3.22	2.84	2.82
2.26	2.77	3.33	3.22	2.84	2.82
2.35	2.88	3.33	3.22	2.84	2.82
2.31	2.83	3.33	3.22	2.84	2.82
2.28	2.79	3.33	3.22	2.84	2.82
2.15	2.63	3.33	3.22	2.84	2.82
2.23	2.73	3.33	3.22	2.84	2.82
2.24	2.74	3.33	3.22	2.84	2.82
2.24	2.74	3.33	3.22	2.84	2.82
2.36	2.89	3.33	3.22	2.84	2.82
2.33	2.85	3.33	3.22	2.84	2.82
2.39	2.92	3.22	2.82	2.79	2.66
2.48	3.03	3.22	2.82	2.79	2.66
2.49	3.04	3.22	2.82	2.79	2.66
2.49	3.04	3.22	2.82	2.79	2.66
2.65	3.24	3.22	2.82	2.79	2.66
2.67	3.26	3.22	2.82	2.79	2.66
2.63	3.22	3.22	2.82	2.79	2.66
2.62	3.20	3.22	2.82	2.79	2.66
2.61	3.19	3.22	2.82	2.79	2.66
2.75	3.36	3.22	2.82	2.79	2.66
2.7	3.30	3.22	2.82	2.79	2.66
2.72	3.33	3.22	2.82	2.79	2.66
2.65	3.24	3.22	2.82	2.79	2.66
2.34	2.86	3.22	2.82	2.79	2.66
2.55	3.12	3.22	2.82	2.79	2.66
2.55	3.12	3.22	2.82	2.79	2.66
2.54	3.11	3.22	2.82	2.79	2.66
2.57	3.14	3.22	2.82	2.79	2.66

2.41	2.95	3.22	2.82	2.79	2.66
2.37	2.90	3.22	2.82	2.79	2.66
2.36	2.88	2.87	2.83	2.66	3.06
2.36	2.88	2.87	2.83	2.66	3.06
2.31	2.82	2.87	2.83	2.66	3.06
2.25	2.74	2.87	2.83	2.66	3.06
2.36	2.88	2.87	2.83	2.66	3.06
2.29	2.79	2.87	2.83	2.66	3.06
2.26	2.76	2.87	2.83	2.66	3.06
2.26	2.76	2.87	2.83	2.66	3.06
2.13	2.60	2.87	2.83	2.66	3.06
2.13	2.60	2.87	2.83	2.66	3.06
2.29	2.79	2.87	2.83	2.66	3.06
2.44	2.97	2.87	2.83	2.66	3.06
2.29	2.79	2.87	2.83	2.66	3.06
2.08	2.54	2.87	2.83	2.66	3.06
2.13	2.60	2.87	2.83	2.66	3.06
2.21	2.69	2.87	2.83	2.66	3.06
2.34	2.85	2.87	2.83	2.66	3.06
2.33	2.84	2.87	2.83	2.66	3.06
2.26	2.76	2.87	2.83	2.66	3.06
2.49	3.04	2.87	2.83	2.66	3.06
2.61	3.18	2.87	2.83	2.66	3.06
2.71	3.30	2.87	2.83	2.66	3.06
2.73	3.33	2.87	2.83	2.66	3.06
2.54	3.09	2.94	2.75	3.11	2.84
2.77	3.37	2.94	2.75	3.11	2.84
2.77	3.37	2.94	2.75	3.11	2.84
2.82	3.43	2.94	2.75	3.11	2.84
2.84	3.45	2.94	2.75	3.11	2.84
2.87	3.49	2.94	2.75	3.11	2.84
2.72	3.31	2.94	2.75	3.11	2.84
2.66	3.23	2.94	2.75	3.11	2.84
2.68	3.26	2.94	2.75	3.11	2.84
2.7	3.28	2.94	2.75	3.11	2.84
2.64	3.21	2.94	2.75	3.11	2.84
2.53	3.08	2.94	2.75	3.11	2.84
2.56	3.11	2.94	2.75	3.11	2.84
2.53	3.08	2.94	2.75	3.11	2.84
2.62	3.19	2.94	2.75	3.11	2.84
2.51	3.05	2.94	2.75	3.11	2.84
2.51	3.05	2.94	2.75	3.11	2.84
2.46	2.99	2.94	2.75	3.11	2.84
2.46	2.99	2.94	2.75	3.11	2.84

2.29	2.78	2.96	3.28	3.04	3.18
2.42	2.93	2.96	3.28	3.04	3.18
2.43	2.95	2.96	3.28	3.04	3.18
2.42	2.93	2.96	3.28	3.04	3.18
2.31	2.80	2.96	3.28	3.04	3.18
2.17	2.63	2.96	3.28	3.04	3.18
2.18	2.64	2.96	3.28	3.04	3.18
2.28	2.76	2.96	3.28	3.04	3.18
2.28	2.76	2.96	3.28	3.04	3.18
2.28	2.76	2.96	3.28	3.04	3.18
2.34	2.84	2.96	3.28	3.04	3.18
2.3	2.79	2.96	3.28	3.04	3.18
2.26	2.74	2.96	3.28	3.04	3.18
2.21	2.68	2.96	3.28	3.04	3.18
2.27	2.75	2.96	3.28	3.04	3.18
2.17	2.63	2.96	3.28	3.04	3.18
2.11	2.56	2.96	3.28	3.04	3.18
2.09	2.53	2.96	3.28	3.04	3.18
1.75	2.12	2.96	3.28	3.04	3.18
2.06	2.50	2.96	3.28	3.04	3.18
2.09	2.53	2.96	3.28	3.04	3.18
2.05	2.48	3.38	3.17	3.25	2.77
2.06	2.49	3.38	3.17	3.25	2.77
2.1	2.54	3.38	3.17	3.25	2.77
2.17	2.63	3.38	3.17	3.25	2.77
2.09	2.53	3.38	3.17	3.25	2.77
2.05	2.48	3.38	3.17	3.25	2.77
2.05	2.48	3.38	3.17	3.25	2.77
2.03	2.46	3.38	3.17	3.25	2.77
2.15	2.60	3.38	3.17	3.25	2.77
2.01	2.43	3.38	3.17	3.25	2.77
2.06	2.49	3.38	3.17	3.25	2.77
2.07	2.51	3.38	3.17	3.25	2.77
1.98	2.40	3.38	3.17	3.25	2.77
1.89	2.29	3.38	3.17	3.25	2.77
1.95	2.36	3.38	3.17	3.25	2.77
1.91	2.31	3.38	3.17	3.25	2.77
2.03	2.46	3.38	3.17	3.25	2.77
1.96	2.37	3.38	3.17	3.25	2.77
1.93	2.34	3.38	3.17	3.25	2.77
1.94	2.35	3.38	3.17	3.25	2.77
1.91	2.31	3.38	3.17	3.25	2.77
1.9	2.30	3.11	3.18	2.76	2.46
1.89	2.29	3.11	3.18	2.76	2.46

1.89	2.29	3.11	3.18	2.76	2.46
1.86	2.25	3.11	3.18	2.76	2.46
1.93	2.33	3.11	3.18	2.76	2.46
1.85	2.24	3.11	3.18	2.76	2.46
1.85	2.24	3.11	3.18	2.76	2.46
1.91	2.31	3.11	3.18	2.76	2.46
1.95	2.36	3.11	3.18	2.76	2.46
1.93	2.33	3.11	3.18	2.76	2.46
2.04	2.47	3.11	3.18	2.76	2.46
2.01	2.43	3.11	3.18	2.76	2.46
1.98	2.39	3.11	3.18	2.76	2.46
1.96	2.37	3.11	3.18	2.76	2.46
1.94	2.35	3.11	3.18	2.76	2.46
1.93	2.33	3.11	3.18	2.76	2.46
1.96	2.37	3.11	3.18	2.76	2.46
1.78	2.15	3.11	3.18	2.76	2.46
1.79	2.16	3.11	3.18	2.76	2.46
1.75	2.13	3.05	2.70	2.45	2.24
1.78	2.16	3.05	2.70	2.45	2.24
1.83	2.22	3.05	2.70	2.45	2.24
1.89	2.30	3.05	2.70	2.45	2.24
1.76	2.14	3.05	2.70	2.45	2.24
1.74	2.11	3.05	2.70	2.45	2.24
1.91	2.32	3.05	2.70	2.45	2.24
1.96	2.38	3.05	2.70	2.45	2.24
1.82	2.21	3.05	2.70	2.45	2.24
1.94	2.36	3.05	2.70	2.45	2.24
1.89	2.30	3.05	2.70	2.45	2.24
1.89	2.30	3.05	2.70	2.45	2.24
1.73	2.10	3.05	2.70	2.45	2.24
1.68	2.04	3.05	2.70	2.45	2.24
1.76	2.14	3.05	2.70	2.45	2.24
1.7	2.06	3.05	2.70	2.45	2.24
1.73	2.10	3.05	2.70	2.45	2.24
1.8	2.19	3.05	2.70	2.45	2.24
1.73	2.10	3.05	2.70	2.45	2.24
1.7	2.06	3.05	2.70	2.45	2.24
1.65	2.00	3.05	2.70	2.45	2.24
1.71	2.08	3.05	2.70	2.45	2.24
1.69	2.07	2.66	2.49	2.29	2.12
1.55	1.90	2.66	2.49	2.29	2.12
1.5	1.84	2.66	2.49	2.29	2.12
1.64	2.01	2.66	2.49	2.29	2.12
1.83	2.24	2.66	2.49	2.29	2.12

1.86	2.28	2.66	2.49	2.29	2.12
1.74	2.13	2.66	2.49	2.29	2.12
1.86	2.28	2.66	2.49	2.29	2.12
1.76	2.15	2.66	2.49	2.29	2.12
1.68	2.06	2.66	2.49	2.29	2.12
1.59	1.95	2.66	2.49	2.29	2.12
1.71	2.09	2.66	2.49	2.29	2.12
1.78	2.18	2.66	2.49	2.29	2.12
1.92	2.35	2.66	2.49	2.29	2.12
1.9	2.33	2.66	2.49	2.29	2.12
1.86	2.28	2.66	2.49	2.29	2.12
1.81	2.22	2.66	2.49	2.29	2.12
1.68	2.06	2.66	2.49	2.29	2.12
1.8	2.20	2.66	2.49	2.29	2.12
1.73	2.12	2.66	2.49	2.29	2.12
1.63	2.00	2.66	2.49	2.29	2.12
1.69	2.07	2.56	2.35	2.19	2.16
1.78	2.18	2.56	2.35	2.19	2.16
1.93	2.37	2.56	2.35	2.19	2.16
1.9	2.33	2.56	2.35	2.19	2.16
1.84	2.25	2.56	2.35	2.19	2.16
1.74	2.13	2.56	2.35	2.19	2.16
1.7	2.08	2.56	2.35	2.19	2.16
1.61	1.97	2.56	2.35	2.19	2.16
1.56	1.91	2.56	2.35	2.19	2.16
1.6	1.96	2.56	2.35	2.19	2.16
1.66	2.03	2.56	2.35	2.19	2.16
1.77	2.17	2.56	2.35	2.19	2.16
1.85	2.27	2.56	2.35	2.19	2.16
1.83	2.24	2.56	2.35	2.19	2.16
1.75	2.14	2.56	2.35	2.19	2.16
1.7	2.08	2.56	2.35	2.19	2.16
1.79	2.19	2.56	2.35	2.19	2.16
1.78	2.18	2.56	2.35	2.19	2.16
1.79	2.19	2.56	2.35	2.19	2.16
1.7	2.08	2.56	2.35	2.19	2.16
1.59	1.94	2.42	2.29	2.32	2.21
1.58	1.93	2.42	2.29	2.32	2.21
1.84	2.24	2.42	2.29	2.32	2.21
1.68	2.05	2.42	2.29	2.32	2.21
1.8	2.20	2.42	2.29	2.32	2.21
1.68	2.05	2.42	2.29	2.32	2.21
1.68	2.05	2.42	2.29	2.32	2.21
1.72	2.10	2.42	2.29	2.32	2.21

1.77	2.16	2.42	2.29	2.32	2.21
1.67	2.04	2.42	2.29	2.32	2.21
1.64	2.00	2.42	2.29	2.32	2.21
1.43	1.74	2.42	2.29	2.32	2.21
1.55	1.89	2.42	2.29	2.32	2.21
1.51	1.84	2.42	2.29	2.32	2.21
1.49	1.82	2.42	2.29	2.32	2.21
1.64	2.00	2.42	2.29	2.32	2.21
1.61	1.96	2.42	2.29	2.32	2.21
1.64	2.00	2.42	2.29	2.32	2.21
1.53	1.87	2.42	2.29	2.32	2.21
1.42	1.73	2.42	2.29	2.32	2.21
1.67	2.04	2.42	2.29	2.32	2.21
1.76	2.15	2.42	2.29	2.32	2.21
1.69	2.05	2.39	2.52	2.42	2.06
1.71	2.07	2.39	2.52	2.42	2.06
1.76	2.14	2.39	2.52	2.42	2.06
1.78	2.16	2.39	2.52	2.42	2.06
1.88	2.28	2.39	2.52	2.42	2.06
1.79	2.17	2.39	2.52	2.42	2.06
1.75	2.12	2.39	2.52	2.42	2.06
1.74	2.11	2.39	2.52	2.42	2.06
1.76	2.14	2.39	2.52	2.42	2.06
1.79	2.17	2.39	2.52	2.42	2.06
1.79	2.17	2.39	2.52	2.42	2.06
1.71	2.07	2.39	2.52	2.42	2.06
1.66	2.01	2.39	2.52	2.42	2.06
1.69	2.05	2.39	2.52	2.42	2.06
1.75	2.12	2.39	2.52	2.42	2.06
1.77	2.15	2.39	2.52	2.42	2.06
1.85	2.24	2.39	2.52	2.42	2.06
1.83	2.22	2.39	2.52	2.42	2.06
1.77	2.15	2.39	2.52	2.42	2.06
1.81	2.20	2.39	2.52	2.42	2.06
1.83	2.22	2.39	2.52	2.42	2.06
1.95	2.36	2.61	2.52	2.15	2.13
2.07	2.50	2.61	2.52	2.15	2.13
2.23	2.70	2.61	2.52	2.15	2.13
2.26	2.73	2.61	2.52	2.15	2.13
2.15	2.60	2.61	2.52	2.15	2.13
2.18	2.64	2.61	2.52	2.15	2.13
2.19	2.65	2.61	2.52	2.15	2.13
2.05	2.48	2.61	2.52	2.15	2.13
2.19	2.65	2.61	2.52	2.15	2.13

2.23	2.70	2.61	2.52	2.15	2.13
2.32	2.80	2.61	2.52	2.15	2.13
2.45	2.96	2.61	2.52	2.15	2.13
2.43	2.94	2.61	2.52	2.15	2.13
2.35	2.84	2.61	2.52	2.15	2.13
2.39	2.89	2.61	2.52	2.15	2.13
2.57	3.11	2.61	2.52	2.15	2.13
2.54	3.07	2.61	2.52	2.15	2.13
2.52	3.05	2.61	2.52	2.15	2.13
2.52	3.05	2.61	2.52	2.15	2.13
2.46	2.97	2.61	2.52	2.15	2.13
2.3	2.78	2.61	2.52	2.15	2.13
2.22	2.68	2.58	2.22	2.20	2.83
2.15	2.59	2.58	2.22	2.20	2.83
2.32	2.80	2.58	2.22	2.20	2.83
1.8	2.17	2.58	2.22	2.20	2.83
2.35	2.83	2.58	2.22	2.20	2.83
2.21	2.67	2.58	2.22	2.20	2.83
2.13	2.57	2.58	2.22	2.20	2.83
1.93	2.33	2.58	2.22	2.20	2.83
2.18	2.63	2.58	2.22	2.20	2.83
2.19	2.64	2.58	2.22	2.20	2.83
2.06	2.48	2.58	2.22	2.20	2.83
1.65	1.99	2.58	2.22	2.20	2.83
1.56	1.88	2.58	2.22	2.20	2.83
1.33	1.60	2.58	2.22	2.20	2.83
1.49	1.80	2.58	2.22	2.20	2.83
1.74	2.10	2.58	2.22	2.20	2.83
1.93	2.33	2.58	2.22	2.20	2.83
1.9	2.29	2.58	2.22	2.20	2.83
1.83	2.21	2.58	2.22	2.20	2.83
1.74	2.10	2.58	2.22	2.20	2.83
1.66	2.00	2.58	2.22	2.20	2.83
1.6	1.93	2.37	2.37	3.00	2.75
1.41	1.70	2.37	2.37	3.00	2.75
1.92	2.31	2.37	2.37	3.00	2.75
1.86	2.24	2.37	2.37	3.00	2.75
2.01	2.42	2.37	2.37	3.00	2.75
1.49	1.80	2.37	2.37	3.00	2.75
2.25	2.71	2.37	2.37	3.00	2.75
2.31	2.78	2.37	2.37	3.00	2.75
2.14	2.58	2.37	2.37	3.00	2.75
2.02	2.43	2.37	2.37	3.00	2.75
2.23	2.69	2.37	2.37	3.00	2.75

2.16	2.60	2.37	2.37	3.00	2.75
2.3	2.77	2.37	2.37	3.00	2.75
2.57	3.10	2.37	2.37	3.00	2.75
2.95	3.55	2.37	2.37	3.00	2.75
2.99	3.60	2.37	2.37	3.00	2.75
2.91	3.51	2.37	2.37	3.00	2.75
3.14	3.78	2.37	2.37	3.00	2.75
3.07	3.70	2.37	2.37	3.00	2.75
3.14	3.78	2.37	2.37	3.00	2.75
3.06	3.69	2.37	2.37	3.00	2.75
3.03	3.65	2.37	2.37	3.00	2.75
3.03	3.64	2.88	3.38	3.39	3.41
2.88	3.46	2.88	3.38	3.39	3.41
2.63	3.16	2.88	3.38	3.39	3.41
2.69	3.23	2.88	3.38	3.39	3.41
2.67	3.21	2.88	3.38	3.39	3.41
2.63	3.16	2.88	3.38	3.39	3.41
2.74	3.29	2.88	3.38	3.39	3.41
2.75	3.30	2.88	3.38	3.39	3.41
2.81	3.38	2.88	3.38	3.39	3.41
2.82	3.39	2.88	3.38	3.39	3.41
2.62	3.15	2.88	3.38	3.39	3.41
2.55	3.06	2.88	3.38	3.39	3.41
2.37	2.85	2.88	3.38	3.39	3.41
2.19	2.63	2.88	3.38	3.39	3.41
2.22	2.67	2.88	3.38	3.39	3.41
2.23	2.68	2.88	3.38	3.39	3.41
2.47	2.97	2.88	3.38	3.39	3.41
2.47	2.97	2.88	3.38	3.39	3.41
2.89	3.47	2.88	3.38	3.39	3.41
2.89	3.46	3.70	3.85	3.87	3.44
2.75	3.29	3.70	3.85	3.87	3.44
2.46	2.94	3.70	3.85	3.87	3.44
2.48	2.97	3.70	3.85	3.87	3.44
2.39	2.86	3.70	3.85	3.87	3.44
2.36	2.82	3.70	3.85	3.87	3.44
2.45	2.93	3.70	3.85	3.87	3.44
2.45	2.93	3.70	3.85	3.87	3.44
2.54	3.04	3.70	3.85	3.87	3.44
2.69	3.22	3.70	3.85	3.87	3.44
2.63	3.15	3.70	3.85	3.87	3.44
2.73	3.27	3.70	3.85	3.87	3.44
2.7	3.23	3.70	3.85	3.87	3.44
2.73	3.27	3.70	3.85	3.87	3.44

2.68	3.21	3.70	3.85	3.87	3.44
2.76	3.30	3.70	3.85	3.87	3.44
2.76	3.30	3.70	3.85	3.87	3.44
2.68	3.21	3.70	3.85	3.87	3.44
2.39	2.86	3.70	3.85	3.87	3.44
2.4	2.87	3.70	3.85	3.87	3.44
2.36	2.82	3.70	3.85	3.87	3.44
2.6	3.11	3.97	4.00	3.58	3.09
2.77	3.31	3.97	4.00	3.58	3.09
2.76	3.30	3.97	4.00	3.58	3.09
2.81	3.36	3.97	4.00	3.58	3.09
2.77	3.31	3.97	4.00	3.58	3.09
2.71	3.24	3.97	4.00	3.58	3.09
2.89	3.45	3.97	4.00	3.58	3.09
2.82	3.37	3.97	4.00	3.58	3.09
2.82	3.37	3.97	4.00	3.58	3.09
2.86	3.42	3.97	4.00	3.58	3.09
2.65	3.16	3.97	4.00	3.58	3.09
2.57	3.07	3.97	4.00	3.58	3.09
2.49	2.97	3.97	4.00	3.58	3.09
2.45	2.93	3.97	4.00	3.58	3.09
2.63	3.14	3.97	4.00	3.58	3.09
2.73	3.26	3.97	4.00	3.58	3.09
2.77	3.31	3.97	4.00	3.58	3.09
2.76	3.30	3.97	4.00	3.58	3.09
2.68	3.20	3.97	4.00	3.58	3.09
2.88	3.43	3.93	3.53	3.07	3.15
3.24	3.85	3.93	3.53	3.07	3.15
3.01	3.58	3.93	3.53	3.07	3.15
2.99	3.56	3.93	3.53	3.07	3.15
3.49	4.15	3.93	3.53	3.07	3.15
3.4	4.04	3.93	3.53	3.07	3.15
3.35	3.98	3.93	3.53	3.07	3.15
3.76	4.47	3.93	3.53	3.07	3.15
6.5	7.73	3.93	3.53	3.07	3.15
6.12	7.28	3.93	3.53	3.07	3.15
11.32	13.47	3.93	3.53	3.07	3.15
23.86	28.38	3.93	3.53	3.07	3.15
8.56	10.18	3.93	3.53	3.07	3.15
4.96	5.90	3.93	3.53	3.07	3.15
3.16	3.76	3.93	3.53	3.07	3.15
2.94	3.50	3.93	3.53	3.07	3.15
2.8	3.33	3.93	3.53	3.07	3.15
2.72	3.24	3.93	3.53	3.07	3.15

2.66	3.16	3.93	3.53	3.07	3.15
2.7	3.20	3.42	3.04	3.11	3.45
2.87	3.40	3.42	3.04	3.11	3.45
2.86	3.38	3.42	3.04	3.11	3.45
2.79	3.30	3.42	3.04	3.11	3.45
2.72	3.22	3.42	3.04	3.11	3.45
2.67	3.16	3.42	3.04	3.11	3.45
2.62	3.10	3.42	3.04	3.11	3.45
2.62	3.10	3.42	3.04	3.11	3.45
2.7	3.20	3.42	3.04	3.11	3.45
2.65	3.14	3.42	3.04	3.11	3.45
2.58	3.05	3.42	3.04	3.11	3.45
2.5	2.96	3.42	3.04	3.11	3.45
2.6	3.08	3.42	3.04	3.11	3.45
2.45	2.90	3.42	3.04	3.11	3.45
2.53	2.99	3.42	3.04	3.11	3.45
2.55	3.02	3.42	3.04	3.11	3.45
2.56	3.03	3.42	3.04	3.11	3.45
2.56	3.03	3.42	3.04	3.11	3.45
2.52	2.98	3.42	3.04	3.11	3.45
2.52	2.98	3.42	3.04	3.11	3.45
2.58	3.05	3.42	3.04	3.11	3.45
2.55	3.02	3.42	3.04	3.11	3.45
2.52	2.98	3.42	3.04	3.11	3.45
2.52	2.96	3.02	3.11	3.38	3.08
2.43	2.86	3.02	3.11	3.38	3.08
2.44	2.87	3.02	3.11	3.38	3.08
2.43	2.86	3.02	3.11	3.38	3.08
2.47	2.90	3.02	3.11	3.38	3.08
2.48	2.91	3.02	3.11	3.38	3.08
2.5	2.94	3.02	3.11	3.38	3.08
2.57	3.02	3.02	3.11	3.38	3.08
2.65	3.11	3.02	3.11	3.38	3.08
2.62	3.08	3.02	3.11	3.38	3.08
2.63	3.09	3.02	3.11	3.38	3.08
2.75	3.23	3.02	3.11	3.38	3.08
2.76	3.24	3.02	3.11	3.38	3.08
2.72	3.20	3.02	3.11	3.38	3.08
2.77	3.26	3.02	3.11	3.38	3.08
2.79	3.28	3.02	3.11	3.38	3.08
2.73	3.21	3.02	3.11	3.38	3.08
2.91	3.42	3.02	3.11	3.38	3.08
2.98	3.50	3.02	3.11	3.38	3.08
2.91	3.42	3.02	3.11	3.38	3.08

2.86	3.36	3.02	3.11	3.38	3.08
2.96	3.46	3.13	3.39	3.11	3.14
3	3.50	3.13	3.39	3.11	3.14
2.99	3.49	3.13	3.39	3.11	3.14
2.9	3.39	3.13	3.39	3.11	3.14
2.9	3.39	3.13	3.39	3.11	3.14
2.93	3.42	3.13	3.39	3.11	3.14
2.91	3.40	3.13	3.39	3.11	3.14
2.91	3.40	3.13	3.39	3.11	3.14
2.95	3.45	3.13	3.39	3.11	3.14
2.95	3.45	3.13	3.39	3.11	3.14
2.99	3.49	3.13	3.39	3.11	3.14
2.96	3.46	3.13	3.39	3.11	3.14
2.88	3.36	3.13	3.39	3.11	3.14
2.86	3.34	3.13	3.39	3.11	3.14
2.84	3.32	3.13	3.39	3.11	3.14
2.78	3.25	3.13	3.39	3.11	3.14
2.87	3.35	3.13	3.39	3.11	3.14
2.91	3.40	3.13	3.39	3.11	3.14
2.85	3.33	3.13	3.39	3.11	3.14
2.91	3.40	3.13	3.39	3.11	3.14
3.02	3.50	3.41	3.15	3.19	3.43
3.09	3.58	3.41	3.15	3.19	3.43
3.01	3.49	3.41	3.15	3.19	3.43
3.01	3.49	3.41	3.15	3.19	3.43
2.98	3.45	3.41	3.15	3.19	3.43
3.11	3.60	3.41	3.15	3.19	3.43
3.13	3.63	3.41	3.15	3.19	3.43
3.13	3.63	3.41	3.15	3.19	3.43
3.23	3.74	3.41	3.15	3.19	3.43
3.36	3.89	3.41	3.15	3.19	3.43
3.31	3.83	3.41	3.15	3.19	3.43
3.25	3.76	3.41	3.15	3.19	3.43
3.24	3.75	3.41	3.15	3.19	3.43
3.23	3.74	3.41	3.15	3.19	3.43
3.15	3.65	3.41	3.15	3.19	3.43
3.21	3.72	3.41	3.15	3.19	3.43
3.36	3.89	3.41	3.15	3.19	3.43
3.3	3.82	3.41	3.15	3.19	3.43
3.4	3.94	3.41	3.15	3.19	3.43
3.62	4.19	3.41	3.15	3.19	3.43
3.75	4.34	3.41	3.15	3.19	3.43
3.79	4.39	3.41	3.15	3.19	3.43
3.76	4.33	3.20	3.26	3.47	3.77

3.67	4.23	3.20	3.26	3.47	3.77
3.68	4.24	3.20	3.26	3.47	3.77
3.66	4.22	3.20	3.26	3.47	3.77
3.56	4.10	3.20	3.26	3.47	3.77
3.71	4.28	3.20	3.26	3.47	3.77
3.7	4.27	3.20	3.26	3.47	3.77
3.78	4.36	3.20	3.26	3.47	3.77
3.8	4.38	3.20	3.26	3.47	3.77
3.68	4.24	3.20	3.26	3.47	3.77
3.7	4.27	3.20	3.26	3.47	3.77
3.75	4.32	3.20	3.26	3.47	3.77
3.82	4.40	3.20	3.26	3.47	3.77
3.94	4.54	3.20	3.26	3.47	3.77
4.02	4.63	3.20	3.26	3.47	3.77
4.11	4.74	3.20	3.26	3.47	3.77
4.09	4.71	3.20	3.26	3.47	3.77
4.15	4.78	3.20	3.26	3.47	3.77
4.1	4.73	3.20	3.26	3.47	3.77
4.03	4.65	3.20	3.26	3.47	3.77
3.94	4.54	3.20	3.26	3.47	3.77
4.02	4.62	3.27	3.47	3.78	4.38
4.06	4.67	3.27	3.47	3.78	4.38
4.2	4.83	3.27	3.47	3.78	4.38
4.27	4.91	3.27	3.47	3.78	4.38
4.21	4.84	3.27	3.47	3.78	4.38
4.24	4.87	3.27	3.47	3.78	4.38
4.12	4.74	3.27	3.47	3.78	4.38
4.07	4.68	3.27	3.47	3.78	4.38
4.1	4.71	3.27	3.47	3.78	4.38
3.95	4.54	3.27	3.47	3.78	4.38
3.93	4.52	3.27	3.47	3.78	4.38
3.92	4.51	3.27	3.47	3.78	4.38
3.86	4.44	3.27	3.47	3.78	4.38
3.83	4.40	3.27	3.47	3.78	4.38
3.94	4.53	3.27	3.47	3.78	4.38
3.93	4.52	3.27	3.47	3.78	4.38
3.95	4.54	3.27	3.47	3.78	4.38
4.03	4.63	3.27	3.47	3.78	4.38
4.07	4.68	3.27	3.47	3.78	4.38
4.35	5.00	3.27	3.47	3.78	4.38
4.25	4.88	3.27	3.47	3.78	4.38
4.33	4.98	3.27	3.47	3.78	4.38
4.45	5.09	3.45	3.75	4.34	4.62
4.65	5.32	3.45	3.75	4.34	4.62

4.77	5.46	3.45	3.75	4.34	4.62
4.71	5.39	3.45	3.75	4.34	4.62
4.66	5.33	3.45	3.75	4.34	4.62
4.97	5.69	3.45	3.75	4.34	4.62
5.13	5.87	3.45	3.75	4.34	4.62
5.21	5.96	3.45	3.75	4.34	4.62
5.39	6.17	3.45	3.75	4.34	4.62
5.66	6.48	3.45	3.75	4.34	4.62
5.52	6.32	3.45	3.75	4.34	4.62
5.32	6.09	3.45	3.75	4.34	4.62
5.25	6.01	3.45	3.75	4.34	4.62
4.96	5.68	3.45	3.75	4.34	4.62
4.92	5.63	3.45	3.75	4.34	4.62
4.94	5.66	3.45	3.75	4.34	4.62
5.1	5.84	3.45	3.75	4.34	4.62
5.53	6.33	3.45	3.75	4.34	4.62
5.94	6.80	3.45	3.75	4.34	4.62
5.73	6.56	3.45	3.75	4.34	4.62
5.58	6.39	3.45	3.75	4.34	4.62
5.61	6.36	3.73	4.31	4.59	5.80
5.8	6.58	3.73	4.31	4.59	5.80
6.37	7.22	3.73	4.31	4.59	5.80
6	6.81	3.73	4.31	4.59	5.80
5.71	6.48	3.73	4.31	4.59	5.80
5.46	6.19	3.73	4.31	4.59	5.80
5.46	6.19	3.73	4.31	4.59	5.80
5.34	6.06	3.73	4.31	4.59	5.80
5.56	6.31	3.73	4.31	4.59	5.80
5.92	6.71	3.73	4.31	4.59	5.80
5.44	6.17	3.73	4.31	4.59	5.80
5.01	5.68	3.73	4.31	4.59	5.80
4.81	5.46	3.73	4.31	4.59	5.80
4.87	5.52	3.73	4.31	4.59	5.80
4.94	5.60	3.73	4.31	4.59	5.80
5.1	5.78	3.73	4.31	4.59	5.80
5.72	6.49	3.73	4.31	4.59	5.80
5.59	6.34	3.73	4.31	4.59	5.80
5.91	6.70	3.73	4.31	4.59	5.80
5.68	6.44	3.73	4.31	4.59	5.80
5.49	6.23	3.73	4.31	4.59	5.80
5.22	5.87	4.34	4.63	5.81	6.28
5.33	5.99	4.34	4.63	5.81	6.28
5.59	6.29	4.34	4.63	5.81	6.28
5.73	6.44	4.34	4.63	5.81	6.28

5.51	6.20	4.34	4.63	5.81	6.28
5.53	6.22	4.34	4.63	5.81	6.28
5.08	5.71	4.34	4.63	5.81	6.28
4.56	5.13	4.34	4.63	5.81	6.28
4.81	5.41	4.34	4.63	5.81	6.28
4.97	5.59	4.34	4.63	5.81	6.28
4.77	5.36	4.34	4.63	5.81	6.28
5.11	5.75	4.34	4.63	5.81	6.28
4.82	5.42	4.34	4.63	5.81	6.28
4.95	5.57	4.34	4.63	5.81	6.28
4.9	5.51	4.34	4.63	5.81	6.28
4.83	5.43	4.34	4.63	5.81	6.28
4.95	5.57	4.34	4.63	5.81	6.28
4.93	5.54	4.34	4.63	5.81	6.28
4.9	5.51	4.34	4.63	5.81	6.28
4.52	5.08	4.34	4.63	5.81	6.28
4.31	4.81	4.71	5.88	6.41	5.70
4.08	4.56	4.71	5.88	6.41	5.70
3.79	4.23	4.71	5.88	6.41	5.70
3.66	4.09	4.71	5.88	6.41	5.70
3.6	4.02	4.71	5.88	6.41	5.70
3.79	4.23	4.71	5.88	6.41	5.70
3.67	4.10	4.71	5.88	6.41	5.70
3.65	4.08	4.71	5.88	6.41	5.70
4.05	4.52	4.71	5.88	6.41	5.70
3.71	4.14	4.71	5.88	6.41	5.70
3.79	4.23	4.71	5.88	6.41	5.70
3.67	4.10	4.71	5.88	6.41	5.70
3.71	4.14	4.71	5.88	6.41	5.70
3.91	4.37	4.71	5.88	6.41	5.70
3.96	4.42	4.71	5.88	6.41	5.70
3.95	4.41	4.71	5.88	6.41	5.70
3.56	3.97	4.71	5.88	6.41	5.70
3.45	3.85	4.71	5.88	6.41	5.70
3.32	3.71	4.71	5.88	6.41	5.70
3.4	3.80	4.71	5.88	6.41	5.70
3.82	4.27	4.71	5.88	6.41	5.70
3.82	4.27	4.71	5.88	6.41	5.70
3.74	4.15	5.90	6.46	5.75	4.29
3.73	4.14	5.90	6.46	5.75	4.29
3.78	4.20	5.90	6.46	5.75	4.29
3.94	4.37	5.90	6.46	5.75	4.29
3.83	4.25	5.90	6.46	5.75	4.29
4.16	4.62	5.90	6.46	5.75	4.29

4.16	4.62	5.90	6.46	5.75	4.29
4.62	5.13	5.90	6.46	5.75	4.29
4.78	5.31	5.90	6.46	5.75	4.29
4.37	4.85	5.90	6.46	5.75	4.29
4.55	5.05	5.90	6.46	5.75	4.29
4.89	5.43	5.90	6.46	5.75	4.29
4.45	4.94	5.90	6.46	5.75	4.29
4.11	4.56	5.90	6.46	5.75	4.29
4.2	4.66	5.90	6.46	5.75	4.29
4.24	4.71	5.90	6.46	5.75	4.29
4.43	4.92	5.90	6.46	5.75	4.29
4.43	4.92	5.90	6.46	5.75	4.29
5.69	6.32	5.90	6.46	5.75	4.29
5.56	6.17	5.90	6.46	5.75	4.29
5.45	6.01	6.27	5.57	4.17	4.69
6.7	7.38	6.27	5.57	4.17	4.69
5.84	6.44	6.27	5.57	4.17	4.69
5.34	5.88	6.27	5.57	4.17	4.69
4.44	4.89	6.27	5.57	4.17	4.69
4.3	4.74	6.27	5.57	4.17	4.69
4.13	4.55	6.27	5.57	4.17	4.69
4.03	4.44	6.27	5.57	4.17	4.69
4.04	4.45	6.27	5.57	4.17	4.69
4.05	4.46	6.27	5.57	4.17	4.69
4.31	4.75	6.27	5.57	4.17	4.69
4.39	4.84	6.27	5.57	4.17	4.69
4.57	5.04	6.27	5.57	4.17	4.69
4.61	5.08	6.27	5.57	4.17	4.69
4.48	4.94	6.27	5.57	4.17	4.69
4.59	5.06	6.27	5.57	4.17	4.69
4.78	5.27	6.27	5.57	4.17	4.69
4.63	5.10	6.27	5.57	4.17	4.69
4.46	4.91	6.27	5.57	4.17	4.69
4.36	4.75	5.20	4.00	4.31	4.87
4.65	5.07	5.20	4.00	4.31	4.87
4.63	5.05	5.20	4.00	4.31	4.87
4.74	5.17	5.20	4.00	4.31	4.87
4.93	5.38	5.20	4.00	4.31	4.87
4.61	5.03	5.20	4.00	4.31	4.87
4.55	4.96	5.20	4.00	4.31	4.87
4.65	5.07	5.20	4.00	4.31	4.87
4.79	5.22	5.20	4.00	4.31	4.87
4.59	5.00	5.20	4.00	4.31	4.87
4.46	4.86	5.20	4.00	4.31	4.87

4.68	5.10	5.20	4.00	4.31	4.87
4.8	5.23	5.20	4.00	4.31	4.87
4.87	5.31	5.20	4.00	4.31	4.87
4.77	5.20	5.20	4.00	4.31	4.87
5	5.45	5.20	4.00	4.31	4.87
5.26	5.74	5.20	4.00	4.31	4.87
5.19	5.66	5.20	4.00	4.31	4.87
5.51	6.01	5.20	4.00	4.31	4.87
5.52	6.02	5.20	4.00	4.31	4.87
5.32	5.80	5.20	4.00	4.31	4.87
5.32	5.80	5.20	4.00	4.31	4.87
5.46	5.95	5.20	4.00	4.31	4.87
5.43	5.90	3.91	4.24	4.77	5.41
5.72	6.21	3.91	4.24	4.77	5.41
5.95	6.46	3.91	4.24	4.77	5.41
6.29	6.83	3.91	4.24	4.77	5.41
6.05	6.57	3.91	4.24	4.77	5.41
6.38	6.93	3.91	4.24	4.77	5.41
6.35	6.89	3.91	4.24	4.77	5.41
6.59	7.16	3.91	4.24	4.77	5.41
6.68	7.25	3.91	4.24	4.77	5.41
6.94	7.54	3.91	4.24	4.77	5.41
7.48	8.12	3.91	4.24	4.77	5.41
7.44	8.08	3.91	4.24	4.77	5.41
7.12	7.73	3.91	4.24	4.77	5.41
6.88	7.47	3.91	4.24	4.77	5.41
6.59	7.16	3.91	4.24	4.77	5.41
6.42	6.97	3.91	4.24	4.77	5.41
6.89	7.48	3.91	4.24	4.77	5.41
6.91	7.50	3.91	4.24	4.77	5.41
6.97	7.57	3.91	4.24	4.77	5.41
6.84	7.43	3.91	4.24	4.77	5.41
7.3	7.86	4.23	4.75	5.40	7.21
7.84	8.44	4.23	4.75	5.40	7.21
8.3	8.93	4.23	4.75	5.40	7.21
8.42	9.06	4.23	4.75	5.40	7.21
8.35	8.99	4.23	4.75	5.40	7.21
8.06	8.67	4.23	4.75	5.40	7.21
6.78	7.30	4.23	4.75	5.40	7.21
7.53	8.10	4.23	4.75	5.40	7.21
7.25	7.80	4.23	4.75	5.40	7.21
7.75	8.34	4.23	4.75	5.40	7.21
8.07	8.68	4.23	4.75	5.40	7.21
8.26	8.89	4.23	4.75	5.40	7.21

8.53	9.18	4.23	4.75	5.40	7.21
8.21	8.83	4.23	4.75	5.40	7.21
7.97	8.58	4.23	4.75	5.40	7.21
8.16	8.78	4.23	4.75	5.40	7.21
8.87	9.55	4.23	4.75	5.40	7.21
9.44	10.16	4.23	4.75	5.40	7.21
9.19	9.89	4.23	4.75	5.40	7.21
8.3	8.93	4.23	4.75	5.40	7.21
8.46	9.10	4.23	4.75	5.40	7.21
8.47	9.00	4.74	5.38	7.23	8.68
8.9	9.46	4.74	5.38	7.23	8.68
8.34	8.86	4.74	5.38	7.23	8.68
9.08	9.65	4.74	5.38	7.23	8.68
9.28	9.86	4.74	5.38	7.23	8.68
9.43	10.02	4.74	5.38	7.23	8.68
8.16	8.67	4.74	5.38	7.23	8.68
8.78	9.33	4.74	5.38	7.23	8.68
9	9.57	4.74	5.38	7.23	8.68
7.68	8.16	4.74	5.38	7.23	8.68
7.72	8.21	4.74	5.38	7.23	8.68
7.88	8.38	4.74	5.38	7.23	8.68
7.37	7.83	4.74	5.38	7.23	8.68
6.6	7.01	4.74	5.38	7.23	8.68
6.76	7.18	4.74	5.38	7.23	8.68
6.54	6.95	4.74	5.38	7.23	8.68
5.8	6.16	4.74	5.38	7.23	8.68
6.09	6.47	4.74	5.38	7.23	8.68
6.66	7.08	4.74	5.38	7.23	8.68
6.69	7.11	4.74	5.38	7.23	8.68
6.54	6.95	4.74	5.38	7.23	8.68
5.75	6.11	5.43	7.31	8.75	8.08
5.72	6.08	5.43	7.31	8.75	8.08
5.65	6.01	5.43	7.31	8.75	8.08
5.83	6.20	5.43	7.31	8.75	8.08
6.4	6.80	5.43	7.31	8.75	8.08
6.82	7.25	5.43	7.31	8.75	8.08
6.81	7.24	5.43	7.31	8.75	8.08
6.68	7.10	5.43	7.31	8.75	8.08
6.9	7.33	5.43	7.31	8.75	8.08
6.6	7.02	5.43	7.31	8.75	8.08
7.65	8.13	5.43	7.31	8.75	8.08
7.35	7.81	5.43	7.31	8.75	8.08
7.58	8.06	5.43	7.31	8.75	8.08
7.99	8.49	5.43	7.31	8.75	8.08

8.25	8.77	5.43	7.31	8.75	8.08
8.52	9.06	5.43	7.31	8.75	8.08
9.46	10.06	5.43	7.31	8.75	8.08
8.65	9.19	5.43	7.31	8.75	8.08
8.75	9.30	5.43	7.31	8.75	8.08
8.33	8.85	5.43	7.31	8.75	8.08
8.2	8.71	7.30	8.72	8.07	7.63
8.01	8.51	7.30	8.72	8.07	7.63
7.81	8.29	7.30	8.72	8.07	7.63
8.4	8.92	7.30	8.72	8.07	7.63
8.3	8.82	7.30	8.72	8.07	7.63
7.76	8.24	7.30	8.72	8.07	7.63
7.87	8.36	7.30	8.72	8.07	7.63
7.86	8.35	7.30	8.72	8.07	7.63
8.53	9.06	7.30	8.72	8.07	7.63
8.73	9.27	7.30	8.72	8.07	7.63
8.62	9.16	7.30	8.72	8.07	7.63
9.28	9.86	7.30	8.72	8.07	7.63
9.51	10.10	7.30	8.72	8.07	7.63
9.42	10.00	7.30	8.72	8.07	7.63
9.14	9.71	7.30	8.72	8.07	7.63
9.85	10.46	7.30	8.72	8.07	7.63
9.75	10.36	7.30	8.72	8.07	7.63
9.27	9.85	7.30	8.72	8.07	7.63
9.47	10.06	7.30	8.72	8.07	7.63
9.48	10.07	7.30	8.72	8.07	7.63
9.24	9.81	7.30	8.72	8.07	7.63
9.1	9.66	7.30	8.72	8.07	7.63
8.93	9.48	7.30	8.72	8.07	7.63
9.38	9.92	8.64	8.01	7.51	9.29
9.18	9.71	8.64	8.01	7.51	9.29
8.52	9.01	8.64	8.01	7.51	9.29
8.12	8.59	8.64	8.01	7.51	9.29
8.27	8.75	8.64	8.01	7.51	9.29
8.31	8.79	8.64	8.01	7.51	9.29
8.2	8.68	8.64	8.01	7.51	9.29
8.49	8.98	8.64	8.01	7.51	9.29
8.7	9.20	8.64	8.01	7.51	9.29
8.6	9.10	8.64	8.01	7.51	9.29
8.11	8.58	8.64	8.01	7.51	9.29
7.96	8.42	8.64	8.01	7.51	9.29
8.01	8.47	8.64	8.01	7.51	9.29
7.99	8.45	8.64	8.01	7.51	9.29
7.76	8.21	8.64	8.01	7.51	9.29

6.75	7.14	8.64	8.01	7.51	9.29
6.75	7.14	8.64	8.01	7.51	9.29
6.83	7.23	8.64	8.01	7.51	9.29
6.59	6.97	8.64	8.01	7.51	9.29
6.57	6.95	8.64	8.01	7.51	9.29
6.4	6.77	8.64	8.01	7.51	9.29
5.64	5.94	7.97	7.47	9.23	8.17
5.4	5.68	7.97	7.47	9.23	8.17
5.84	6.15	7.97	7.47	9.23	8.17
6.91	7.27	7.97	7.47	9.23	8.17
6.25	6.58	7.97	7.47	9.23	8.17
6.2	6.53	7.97	7.47	9.23	8.17
6.6	6.95	7.97	7.47	9.23	8.17
6.25	6.58	7.97	7.47	9.23	8.17
6.1	6.42	7.97	7.47	9.23	8.17
6.08	6.40	7.97	7.47	9.23	8.17
6.16	6.48	7.97	7.47	9.23	8.17
5.63	5.93	7.97	7.47	9.23	8.17
5.1	5.37	7.97	7.47	9.23	8.17
4.45	4.68	7.97	7.47	9.23	8.17
4.81	5.06	7.97	7.47	9.23	8.17
5.17	5.44	7.97	7.47	9.23	8.17
5.28	5.56	7.97	7.47	9.23	8.17
5.3	5.58	7.97	7.47	9.23	8.17
5.02	5.28	7.97	7.47	9.23	8.17
5.02	5.28	7.97	7.47	9.23	8.17
4.57	4.80	7.54	9.29	8.24	6.39
4.58	4.81	7.54	9.29	8.24	6.39
4.65	4.88	7.54	9.29	8.24	6.39
4	4.20	7.54	9.29	8.24	6.39
4.62	4.85	7.54	9.29	8.24	6.39
4	4.20	7.54	9.29	8.24	6.39
3.46	3.63	7.54	9.29	8.24	6.39
4.8	5.04	7.54	9.29	8.24	6.39
4.8	5.04	7.54	9.29	8.24	6.39
6.24	6.55	7.54	9.29	8.24	6.39
5.9	6.19	7.54	9.29	8.24	6.39
5.88	6.17	7.54	9.29	8.24	6.39
6.2	6.51	7.54	9.29	8.24	6.39
6.1	6.40	7.54	9.29	8.24	6.39
6.23	6.54	7.54	9.29	8.24	6.39
6.27	6.58	7.54	9.29	8.24	6.39
6.57	6.90	7.54	9.29	8.24	6.39
6.57	6.90	7.54	9.29	8.24	6.39

6	6.30	7.54	9.29	8.24	6.39
6.03	6.33	7.54	9.29	8.24	6.39
7	7.35	7.54	9.29	8.24	6.39
6.33	6.64	9.40	8.41	6.81	6.75
4.92	5.16	9.40	8.41	6.81	6.75
4.15	4.35	9.40	8.41	6.81	6.75
4.58	4.81	9.40	8.41	6.81	6.75
4.49	4.71	9.40	8.41	6.81	6.75
4.79	5.03	9.40	8.41	6.81	6.75
4.98	5.23	9.40	8.41	6.81	6.75
6.73	7.06	9.40	8.41	6.81	6.75
7.2	7.55	9.40	8.41	6.81	6.75
6.54	6.86	9.40	8.41	6.81	6.75
6.8	7.14	9.40	8.41	6.81	6.75
6.63	6.96	9.40	8.41	6.81	6.75
6.08	6.38	9.40	8.41	6.81	6.75
5.28	5.54	9.40	8.41	6.81	6.75
6.13	6.43	9.40	8.41	6.81	6.75
7.1	7.45	9.40	8.41	6.81	6.75
7.15	7.50	9.40	8.41	6.81	6.75
4.88	5.12	9.40	8.41	6.81	6.75
4.06	4.26	9.40	8.41	6.81	6.75
3.78	3.97	9.40	8.41	6.81	6.75
3.52	3.69	9.40	8.41	6.81	6.75
3.64	3.80	8.44	6.96	7.07	6.02
3.75	3.91	8.44	6.96	7.07	6.02
3.78	3.95	8.44	6.96	7.07	6.02
3.43	3.58	8.44	6.96	7.07	6.02
3.65	3.81	8.44	6.96	7.07	6.02
3.32	3.47	8.44	6.96	7.07	6.02
3.41	3.56	8.44	6.96	7.07	6.02
3.47	3.62	8.44	6.96	7.07	6.02
3.43	3.58	8.44	6.96	7.07	6.02
3.43	3.58	8.44	6.96	7.07	6.02
3.2	3.34	8.44	6.96	7.07	6.02
2.91	3.04	8.44	6.96	7.07	6.02
3.15	3.29	8.44	6.96	7.07	6.02
3.43	3.58	8.44	6.96	7.07	6.02
3.35	3.50	8.44	6.96	7.07	6.02
3.09	3.23	8.44	6.96	7.07	6.02
2.72	2.84	8.44	6.96	7.07	6.02
2.83	2.95	8.44	6.96	7.07	6.02
2.82	2.94	8.44	6.96	7.07	6.02
2.65	2.77	8.44	6.96	7.07	6.02

2.65	2.76	6.67	6.75	5.82	3.56
2.67	2.78	6.67	6.75	5.82	3.56
2.4	2.50	6.67	6.75	5.82	3.56
2.17	2.26	6.67	6.75	5.82	3.56
2.35	2.44	6.67	6.75	5.82	3.56
2.4	2.50	6.67	6.75	5.82	3.56
2.4	2.50	6.67	6.75	5.82	3.56
2.37	2.46	6.67	6.75	5.82	3.56
2.42	2.52	6.67	6.75	5.82	3.56
2.42	2.52	6.67	6.75	5.82	3.56
2.45	2.55	6.67	6.75	5.82	3.56
2.48	2.58	6.67	6.75	5.82	3.56
2.28	2.37	6.67	6.75	5.82	3.56
2.12	2.20	6.67	6.75	5.82	3.56
2.07	2.15	6.67	6.75	5.82	3.56
2.17	2.26	6.67	6.75	5.82	3.56
2.36	2.45	6.67	6.75	5.82	3.56
2.55	2.65	6.67	6.75	5.82	3.56
2.5	2.60	6.67	6.75	5.82	3.56
2.59	2.69	5.97	5.29	3.32	2.53
2.67	2.77	5.97	5.29	3.32	2.53
2.66	2.76	5.97	5.29	3.32	2.53
2.46	2.56	5.97	5.29	3.32	2.53
2.52	2.62	5.97	5.29	3.32	2.53
2.5	2.60	5.97	5.29	3.32	2.53
2.5	2.60	5.97	5.29	3.32	2.53
2.4	2.49	5.97	5.29	3.32	2.53
2.4	2.49	5.97	5.29	3.32	2.53
2.65	2.75	5.97	5.29	3.32	2.53
2.45	2.55	5.97	5.29	3.32	2.53
2.45	2.55	5.97	5.29	3.32	2.53
2.42	2.51	5.97	5.29	3.32	2.53
2.23	2.32	5.97	5.29	3.32	2.53
1.93	2.01	5.97	5.29	3.32	2.53
2.03	2.11	5.97	5.29	3.32	2.53
2.08	2.16	5.97	5.29	3.32	2.53
2.04	2.12	5.97	5.29	3.32	2.53
2.04	2.12	5.97	5.29	3.32	2.53
2.02	2.10	5.97	5.29	3.32	2.53
1.94	2.02	5.97	5.29	3.32	2.53
1.95	2.03	5.97	5.29	3.32	2.53
2.1	2.18	5.97	5.29	3.32	2.53
2.09	2.16	4.83	3.28	2.62	2.49
2.13	2.20	4.83	3.28	2.62	2.49

2.17	2.25	4.83	3.28	2.62	2.49
2.18	2.26	4.83	3.28	2.62	2.49
2.15	2.22	4.83	3.28	2.62	2.49
2.19	2.27	4.83	3.28	2.62	2.49
2.22	2.30	4.83	3.28	2.62	2.49
2.04	2.11	4.83	3.28	2.62	2.49
1.87	1.93	4.83	3.28	2.62	2.49
2.21	2.29	4.83	3.28	2.62	2.49
2.23	2.31	4.83	3.28	2.62	2.49
2.2	2.28	4.83	3.28	2.62	2.49
2.19	2.27	4.83	3.28	2.62	2.49
2.2	2.28	4.83	3.28	2.62	2.49
2.19	2.27	4.83	3.28	2.62	2.49
2.21	2.29	4.83	3.28	2.62	2.49
2.19	2.27	4.83	3.28	2.62	2.49
2.17	2.25	4.83	3.28	2.62	2.49
2.27	2.35	4.83	3.28	2.62	2.49
2.24	2.32	3.36	2.77	2.64	2.27
2.12	2.19	3.36	2.77	2.64	2.27
2.01	2.08	3.36	2.77	2.64	2.27
1.96	2.03	3.36	2.77	2.64	2.27
1.85	1.91	3.36	2.77	2.64	2.27
2.12	2.19	3.36	2.77	2.64	2.27
2.22	2.29	3.36	2.77	2.64	2.27
2.12	2.19	3.36	2.77	2.64	2.27
2.07	2.14	3.36	2.77	2.64	2.27
1.98	2.05	3.36	2.77	2.64	2.27
2.25	2.33	3.36	2.77	2.64	2.27
2.28	2.36	3.36	2.77	2.64	2.27
2.25	2.33	3.36	2.77	2.64	2.27
2.3	2.38	3.36	2.77	2.64	2.27
2.37	2.45	3.36	2.77	2.64	2.27
2.3	2.38	3.36	2.77	2.64	2.27
2.22	2.29	3.36	2.77	2.64	2.27
2.25	2.33	3.36	2.77	2.64	2.27
2.23	2.30	3.36	2.77	2.64	2.27
1.88	1.94	3.36	2.77	2.64	2.27
2.11	2.18	3.36	2.77	2.64	2.27
2.1	2.17	3.36	2.77	2.64	2.27
1.77	1.83	2.96	2.87	2.46	2.37
1.74	1.79	2.96	2.87	2.46	2.37
1.92	1.98	2.96	2.87	2.46	2.37
1.95	2.01	2.96	2.87	2.46	2.37
2.13	2.20	2.96	2.87	2.46	2.37

2.1	2.17	2.96	2.87	2.46	2.37
1.85	1.91	2.96	2.87	2.46	2.37
1.9	1.96	2.96	2.87	2.46	2.37
2	2.06	2.96	2.87	2.46	2.37
2.05	2.11	2.96	2.87	2.46	2.37
2.18	2.25	2.96	2.87	2.46	2.37
2.13	2.20	2.96	2.87	2.46	2.37
2.38	2.45	2.96	2.87	2.46	2.37
2.24	2.31	2.96	2.87	2.46	2.37
2.27	2.34	2.96	2.87	2.46	2.37
2.22	2.29	2.96	2.87	2.46	2.37
2.62	2.70	2.96	2.87	2.46	2.37
2.68	2.76	2.96	2.87	2.46	2.37
2.71	2.79	2.96	2.87	2.46	2.37
2.4	2.48	2.96	2.87	2.46	2.37
2.48	2.56	2.96	2.87	2.46	2.37
2.48	2.55	3.07	2.66	2.53	2.55
2.65	2.73	3.07	2.66	2.53	2.55
2.5	2.57	3.07	2.66	2.53	2.55
2.49	2.56	3.07	2.66	2.53	2.55
2.55	2.62	3.07	2.66	2.53	2.55
2.57	2.65	3.07	2.66	2.53	2.55
2.55	2.62	3.07	2.66	2.53	2.55
2.5	2.57	3.07	2.66	2.53	2.55
2.5	2.57	3.07	2.66	2.53	2.55
2.46	2.53	3.07	2.66	2.53	2.55
2.52	2.59	3.07	2.66	2.53	2.55
2.51	2.58	3.07	2.66	2.53	2.55
2.61	2.69	3.07	2.66	2.53	2.55
2.61	2.69	3.07	2.66	2.53	2.55
2.68	2.76	3.07	2.66	2.53	2.55
2.66	2.74	3.07	2.66	2.53	2.55
2.6	2.68	3.07	2.66	2.53	2.55
2.47	2.54	3.07	2.66	2.53	2.55
2.53	2.60	3.07	2.66	2.53	2.55
2.58	2.66	3.07	2.66	2.53	2.55
2.49	2.55	2.71	2.59	2.61	2.70
2.43	2.49	2.71	2.59	2.61	2.70
2.44	2.50	2.71	2.59	2.61	2.70
2.53	2.59	2.71	2.59	2.61	2.70
2.65	2.71	2.71	2.59	2.61	2.70
2.77	2.84	2.71	2.59	2.61	2.70
2.92	2.99	2.71	2.59	2.61	2.70
2.83	2.90	2.71	2.59	2.61	2.70

2.61	2.67	2.71	2.59	2.61	2.70
2.74	2.81	2.71	2.59	2.61	2.70
2.65	2.71	2.71	2.59	2.61	2.70
2.55	2.61	2.71	2.59	2.61	2.70
2.56	2.62	2.71	2.59	2.61	2.70
2.44	2.50	2.71	2.59	2.61	2.70
2.6	2.66	2.71	2.59	2.61	2.70
2.58	2.64	2.71	2.59	2.61	2.70
2.6	2.66	2.71	2.59	2.61	2.70
2.42	2.48	2.71	2.59	2.61	2.70
2.46	2.52	2.71	2.59	2.61	2.70
2.6	2.66	2.71	2.59	2.61	2.70
2.5	2.56	2.71	2.59	2.61	2.70
2.48	2.54	2.71	2.59	2.61	2.70
2.56	2.62	2.71	2.59	2.61	2.70
2.7	2.75	2.59	2.61	2.70	2.70
2.6	2.65	2.59	2.61	2.70	2.70
2.49	2.54	2.59	2.61	2.70	2.70
2.45	2.50	2.59	2.61	2.70	2.70
2.53	2.58	2.59	2.61	2.70	2.70
2.5	2.55	2.59	2.61	2.70	2.70
2.72	2.78	2.59	2.61	2.70	2.70
2.76	2.82	2.59	2.61	2.70	2.70
2.81	2.87	2.59	2.61	2.70	2.70
2.74	2.80	2.59	2.61	2.70	2.70
2.54	2.59	2.59	2.61	2.70	2.70
2.46	2.51	2.59	2.61	2.70	2.70
2.78	2.84	2.59	2.61	2.70	2.70
2.7	2.75	2.59	2.61	2.70	2.70
2.63	2.68	2.59	2.61	2.70	2.70
2.63	2.68	2.59	2.61	2.70	2.70
2.55	2.60	2.59	2.61	2.70	2.70
2.72	2.78	2.59	2.61	2.70	2.70
2.74	2.80	2.59	2.61	2.70	2.70
2.68	2.73	2.59	2.61	2.70	2.70
2.7	2.75	2.75	2.83	2.83	2.75
2.71	2.76	2.75	2.83	2.83	2.75
2.92	2.98	2.75	2.83	2.83	2.75
2.92	2.98	2.75	2.83	2.83	2.75
3.3	3.36	2.75	2.83	2.83	2.75
3.34	3.41	2.75	2.83	2.83	2.75
3.19	3.25	2.75	2.83	2.83	2.75
3.16	3.22	2.75	2.83	2.83	2.75
3.11	3.17	2.75	2.83	2.83	2.75

2.98	3.04	2.75	2.83	2.83	2.75
2.94	3.00	2.75	2.83	2.83	2.75
2.92	2.98	2.75	2.83	2.83	2.75
2.84	2.90	2.75	2.83	2.83	2.75
2.6	2.65	2.75	2.83	2.83	2.75
2.65	2.70	2.75	2.83	2.83	2.75
2.85	2.91	2.75	2.83	2.83	2.75
2.86	2.92	2.75	2.83	2.83	2.75
2.87	2.93	2.75	2.83	2.83	2.75
3.24	3.30	2.75	2.83	2.83	2.75
3.17	3.23	2.75	2.83	2.83	2.75
3.34	3.41	2.75	2.83	2.83	2.75
3.19	3.25	3.24	3.27	3.04	3.21
3.12	3.18	3.24	3.27	3.04	3.21
3	3.05	3.24	3.27	3.04	3.21
2.71	2.76	3.24	3.27	3.04	3.21
2	2.04	3.24	3.27	3.04	3.21
2.18	2.22	3.24	3.27	3.04	3.21
2.71	2.76	3.24	3.27	3.04	3.21
2.71	2.76	3.24	3.27	3.04	3.21
2.61	2.66	3.24	3.27	3.04	3.21
2.69	2.74	3.24	3.27	3.04	3.21
2.88	2.93	3.24	3.27	3.04	3.21
2.91	2.96	3.24	3.27	3.04	3.21
2.62	2.67	3.24	3.27	3.04	3.21
2.49	2.53	3.24	3.27	3.04	3.21
2.63	2.68	3.24	3.27	3.04	3.21
2.72	2.77	3.24	3.27	3.04	3.21
2.72	2.77	3.24	3.27	3.04	3.21
2.74	2.79	3.24	3.27	3.04	3.21
2.78	2.83	3.24	3.27	3.04	3.21
2.7	2.75	3.24	3.27	3.04	3.21
2.75	2.80	3.24	3.27	3.04	3.21
2.63	2.67	3.72	3.45	3.53	3.10
2.55	2.59	3.72	3.45	3.53	3.10
2.72	2.76	3.72	3.45	3.53	3.10
2.76	2.80	3.72	3.45	3.53	3.10
2.52	2.56	3.72	3.45	3.53	3.10
2.57	2.61	3.72	3.45	3.53	3.10
2.39	2.43	3.72	3.45	3.53	3.10
2.37	2.41	3.72	3.45	3.53	3.10
2.33	2.37	3.72	3.45	3.53	3.10
2.39	2.43	3.72	3.45	3.53	3.10
2.44	2.48	3.72	3.45	3.53	3.10

2.59	2.63	3.72	3.45	3.53	3.10
2.44	2.48	3.72	3.45	3.53	3.10
2.48	2.52	3.72	3.45	3.53	3.10
2.48	2.52	3.72	3.45	3.53	3.10
2.54	2.58	3.72	3.45	3.53	3.10
2.5	2.54	3.72	3.45	3.53	3.10
2.63	2.67	3.72	3.45	3.53	3.10
2.55	2.59	3.72	3.45	3.53	3.10
2.58	2.62	3.72	3.45	3.53	3.10
2.56	2.59	3.67	3.74	3.29	2.57
2.57	2.60	3.67	3.74	3.29	2.57
2.83	2.87	3.67	3.74	3.29	2.57
2.75	2.78	3.67	3.74	3.29	2.57
2.72	2.75	3.67	3.74	3.29	2.57
3.25	3.29	3.67	3.74	3.29	2.57
3.25	3.29	3.67	3.74	3.29	2.57
3.15	3.19	3.67	3.74	3.29	2.57
13.2	13.36	3.67	3.74	3.29	2.57
3.25	3.29	3.67	3.74	3.29	2.57
2.86	2.90	3.67	3.74	3.29	2.57
2.88	2.92	3.67	3.74	3.29	2.57
2.7	2.73	3.67	3.74	3.29	2.57
2.35	2.38	3.67	3.74	3.29	2.57
2.15	2.18	3.67	3.74	3.29	2.57
2.45	2.48	3.67	3.74	3.29	2.57
2.56	2.59	3.67	3.74	3.29	2.57
2.36	2.39	3.67	3.74	3.29	2.57
2.41	2.44	3.67	3.74	3.29	2.57
2.26	2.29	3.67	3.74	3.29	2.57
2.19	2.22	3.67	3.74	3.29	2.57
2.15	2.17	3.63	3.21	2.47	2.74
2.01	2.03	3.63	3.21	2.47	2.74
2.12	2.14	3.63	3.21	2.47	2.74
2.1	2.12	3.63	3.21	2.47	2.74
1.94	1.96	3.63	3.21	2.47	2.74
1.74	1.75	3.63	3.21	2.47	2.74
1.74	1.75	3.63	3.21	2.47	2.74
1.76	1.77	3.63	3.21	2.47	2.74
1.61	1.62	3.63	3.21	2.47	2.74
1.51	1.52	3.63	3.21	2.47	2.74
1.53	1.54	3.63	3.21	2.47	2.74
1.55	1.56	3.63	3.21	2.47	2.74
1.5	1.51	3.63	3.21	2.47	2.74
1.58	1.59	3.63	3.21	2.47	2.74

1.62	1.63	3.63	3.21	2.47	2.74
1.52	1.53	3.63	3.21	2.47	2.74
1.65	1.66	3.63	3.21	2.47	2.74
1.52	1.53	3.63	3.21	2.47	2.74
1.61	1.62	3.63	3.21	2.47	2.74
1.67	1.68	3.63	3.21	2.47	2.74
1.47	1.48	3.03	2.34	2.38	1.80
1.48	1.49	3.03	2.34	2.38	1.80
1.51	1.52	3.03	2.34	2.38	1.80
1.67	1.68	3.03	2.34	2.38	1.80
1.56	1.57	3.03	2.34	2.38	1.80
1.54	1.55	3.03	2.34	2.38	1.80
1.54	1.55	3.03	2.34	2.38	1.80
1.57	1.58	3.03	2.34	2.38	1.80
1.25	1.26	3.03	2.34	2.38	1.80
1.26	1.27	3.03	2.34	2.38	1.80
1.38	1.39	3.03	2.34	2.38	1.80
1.54	1.55	3.03	2.34	2.38	1.80
1.55	1.56	3.03	2.34	2.38	1.80
1.58	1.59	3.03	2.34	2.38	1.80
1.55	1.56	3.03	2.34	2.38	1.80
1.5	1.51	3.03	2.34	2.38	1.80
1.46	1.47	3.03	2.34	2.38	1.80
1.48	1.49	3.03	2.34	2.38	1.80
1.43	1.44	3.03	2.34	2.38	1.80
1.54	1.55	3.03	2.34	2.38	1.80
1.64	1.64	2.33	2.37	1.86	1.75
1.65	1.65	2.33	2.37	1.86	1.75
1.86	1.86	2.33	2.37	1.86	1.75
1.78	1.78	2.33	2.37	1.86	1.75
1.58	1.58	2.33	2.37	1.86	1.75
1.73	1.73	2.33	2.37	1.86	1.75
1.83	1.83	2.33	2.37	1.86	1.75
1.9	1.90	2.33	2.37	1.86	1.75
1.62	1.62	2.33	2.37	1.86	1.75
1.36	1.36	2.33	2.37	1.86	1.75
1.41	1.41	2.33	2.37	1.86	1.75
1.38	1.38	2.33	2.37	1.86	1.75
1.5	1.50	2.33	2.37	1.86	1.75
1.59	1.59	2.33	2.37	1.86	1.75
1.43	1.43	2.33	2.37	1.86	1.75
1.64	1.64	2.33	2.37	1.86	1.75
1.59	1.59	2.33	2.37	1.86	1.75
1.6	1.60	2.33	2.37	1.86	1.75

1.46	1.46	2.33	2.37	1.86	1.75
1.4	1.40	2.33	2.37	1.86	1.75
1.55	1.55	2.33	2.37	1.86	1.75
1.68	1.68	2.33	2.37	1.86	1.75
1.63	1.63	2.45	1.99	1.90	1.82
1.66	1.66	2.45	1.99	1.90	1.82
1.67	1.67	2.45	1.99	1.90	1.82
1.88	1.88	2.45	1.99	1.90	1.82
1.95	1.95	2.45	1.99	1.90	1.82
2.01	2.01	2.45	1.99	1.90	1.82
2.03	2.03	2.45	1.99	1.90	1.82
2.14	2.14	2.45	1.99	1.90	1.82
2.11	2.11	2.45	1.99	1.90	1.82
2.14	2.14	2.45	1.99	1.90	1.82
2.12	2.12	2.45	1.99	1.90	1.82
2.32	2.32	2.45	1.99	1.90	1.82
2.44	2.44	2.45	1.99	1.90	1.82
2.52	2.52	2.45	1.99	1.90	1.82
2.52	2.52	2.45	1.99	1.90	1.82
2.51	2.51	2.45	1.99	1.90	1.82
2.64	2.64	2.45	1.99	1.90	1.82
2.22	2.22	2.45	1.99	1.90	1.82
2.29	2.29	2.45	1.99	1.90	1.82
2.2	2.20	2.45	1.99	1.90	1.82
1.87	1.87	2.45	1.99	1.90	1.82
1.78	1.78	2.45	1.99	1.90	1.82
2.55	2.55	2.18	2.15	2.05	
2.58	2.58	2.18	2.15	2.05	
2.27	2.27	2.18	2.15	2.05	
2.3	2.30	2.18	2.15	2.05	
2.46	2.46	2.18	2.15	2.05	
2.61	2.61	2.18	2.15	2.05	
2.71	2.71	2.18	2.15	2.05	
2.8	2.80	2.18	2.15	2.05	
2.79	2.79	2.18	2.15	2.05	
2.74	2.74	2.18	2.15	2.05	
2.5	2.50	2.18	2.15	2.05	
2.43	2.43	2.18	2.15	2.05	
2.39	2.39	2.18	2.15	2.05	
2.44	2.44	2.18	2.15	2.05	
2.58	2.58	2.18	2.15	2.05	
2.61	2.61	2.18	2.15	2.05	
2.45	2.45	2.18	2.15	2.05	
2.55	2.55	2.18	2.15	2.05	

2.42	2.42	2.18	2.15	2.05
2.21	2.21	2.43	2.38	
2.06	2.06	2.43	2.38	
2.02	2.02	2.43	2.38	
2.02	2.02	2.43	2.38	
2.1	2.10	2.43	2.38	
2.42	2.42	2.43	2.38	
2.4	2.40	2.43	2.38	
2.23	2.23	2.43	2.38	
2.17	2.17	2.43	2.38	
2.12	2.12	2.43	2.38	
2.1	2.10	2.43	2.38	
1.98	1.98	2.43	2.38	
2	2.00	2.43	2.38	
1.88	1.88	2.43	2.38	
2.19	2.19	2.43	2.38	
2.13	2.13	2.43	2.38	
2	2.00	2.43	2.38	
2	2.00	2.43	2.38	
1.98	1.98	2.43	2.38	
1.9	1.90	2.43	2.38	
1.81	1.81	2.43	2.38	
1.94	1.94	2.43	2.38	
1.95	1.95	2.48		
1.89	1.89	2.48		
1.83	1.83	2.48		
1.83	1.83	2.48		
1.96	1.96	2.48		
1.85	1.85	2.48		
1.94	1.94	2.48		
2.1	2.10	2.48		
2.16	2.16	2.48		

Historic winter futures risk premia at Henry Hub (cents/therm; 2024\$)

Months in advance:	<u>Four</u>	<u>Three</u>	<u>Two</u>	<u>One</u>	<u>Average</u>
1997-2024	5.93	5.33	3.74	1.62	4.15
2007-2024	7.75	5.48	3.21	0.90	4.33
2017-2024	6.16	5.44	3.36	1.13	4.02

Source: Energy Information Administration

Historic summer futures risk premia at Henry Hub (cents/therm; 2024\$)

Months in advance:	<u>Four</u>	<u>Three</u>	<u>Two</u>	<u>One</u>	<u>Average</u>
1997-2024	1.19	0.93	0.85	0.49	0.87
2007-2024	2.02	1.88	1.55	1.16	1.65
2017-2024	-2.68	-2.43	-1.30	0.03	-1.60

Source: Energy Information Administration

FRED Graph Observations
 Federal Reserve Economic Data
 Link: <https://fred.stlouisfed.org>
 Help: <https://fredhelp.stlouisfed.org>
 Economic Research Division
 Federal Reserve Bank of St. Louis
<https://fred.stlouisfed.org/> accessed August 20, 2024

CPIAUCSL Consumer Price Index for All Urban Consumers: All Items in U.S. City Average,

Frequency: Monthly

observation_date	CPIAUCSL		
1947-01-01	21.480		0.068509316
1947-02-01	21.620		0.068955839
1947-03-01	22.000		0.070167829
1947-04-01	22.000		0.070167829
1947-05-01	21.950		0.070008356
1947-06-01	22.080		0.070422984
1947-07-01	22.230		0.070901401
1947-08-01	22.400		0.071443607
1947-09-01	22.840		0.072846964
1947-10-01	22.910		0.073070225
1947-11-01	23.060		0.073548642
1947-12-01	23.410		0.074664949
1948-01-01	23.680		0.075526099
1948-02-01	23.670		0.075494205
1948-03-01	23.500		0.074951999
1948-04-01	23.820		0.075972622
1948-05-01	24.010		0.076578617
1948-06-01	24.150		0.077025139
1948-07-01	24.400		0.077822501
1948-08-01	24.430		0.077918184
1948-09-01	24.360		0.077694923
1948-10-01	24.310		0.077535451
1948-11-01	24.160		0.077057034
1948-12-01	24.050		0.076706195
1949-01-01	24.010		0.076578617
1949-02-01	23.910		0.076259672
1949-03-01	23.910		0.076259672
1949-04-01	23.920		0.076291566
1949-05-01	23.910		0.076259672
1949-06-01	23.920		0.076291566
1949-07-01	23.700		0.075589888
1949-08-01	23.700		0.075589888
1949-09-01	23.750		0.075749361
1949-10-01	23.670		0.075494205
1949-11-01	23.700		0.075589888
1949-12-01	23.610		0.075302838
1950-01-01	23.510		0.074983893
1950-02-01	23.610		0.075302838

1950-03-01	23.640	0.075398521
1950-04-01	23.650	0.075430416
1950-05-01	23.770	0.075813149
1950-06-01	23.880	0.076163989
1950-07-01	24.070	0.076769983
1950-08-01	24.200	0.077184612
1950-09-01	24.340	0.077631134
1950-10-01	24.500	0.078141446
1950-11-01	24.600	0.07846039
1950-12-01	24.980	0.07967238
1951-01-01	25.380	0.080948159
1951-02-01	25.830	0.08238341
1951-03-01	25.880	0.082542882
1951-04-01	25.920	0.08267046
1951-05-01	25.990	0.082893721
1951-06-01	25.930	0.082702354
1951-07-01	25.910	0.082638566
1951-08-01	25.860	0.082479093
1951-09-01	26.030	0.083021299
1951-10-01	26.160	0.083435927
1951-11-01	26.320	0.083946239
1951-12-01	26.470	0.084424656
1952-01-01	26.450	0.084360867
1952-02-01	26.410	0.084233289
1952-03-01	26.390	0.0841695
1952-04-01	26.460	0.084392761
1952-05-01	26.470	0.084424656
1952-06-01	26.530	0.084616023
1952-07-01	26.680	0.08509444
1952-08-01	26.690	0.085126334
1952-09-01	26.630	0.084934967
1952-10-01	26.690	0.085126334
1952-11-01	26.690	0.085126334
1952-12-01	26.710	0.085190123
1953-01-01	26.640	0.084966862
1953-02-01	26.590	0.084807389
1953-03-01	26.630	0.084934967
1953-04-01	26.690	0.085126334
1953-05-01	26.700	0.085158228
1953-06-01	26.770	0.08538149
1953-07-01	26.790	0.085445279
1953-08-01	26.850	0.085636645
1953-09-01	26.890	0.085764223
1953-10-01	26.950	0.08595559
1953-11-01	26.850	0.085636645
1953-12-01	26.870	0.085700434
1954-01-01	26.940	0.085923696
1954-02-01	26.990	0.086083168
1954-03-01	26.930	0.085891801

1954-04-01	26.860	0.08566854
1954-05-01	26.930	0.085891801
1954-06-01	26.940	0.085923696
1954-07-01	26.860	0.08566854
1954-08-01	26.850	0.085636645
1954-09-01	26.810	0.085509068
1954-10-01	26.720	0.085222017
1954-11-01	26.780	0.085413384
1954-12-01	26.770	0.08538149
1955-01-01	26.770	0.08538149
1955-02-01	26.820	0.085540962
1955-03-01	26.790	0.085445279
1955-04-01	26.790	0.085445279
1955-05-01	26.770	0.08538149
1955-06-01	26.710	0.085190123
1955-07-01	26.760	0.085349595
1955-08-01	26.720	0.085222017
1955-09-01	26.850	0.085636645
1955-10-01	26.820	0.085540962
1955-11-01	26.880	0.085732329
1955-12-01	26.870	0.085700434
1956-01-01	26.830	0.085572857
1956-02-01	26.860	0.08566854
1956-03-01	26.890	0.085764223
1956-04-01	26.930	0.085891801
1956-05-01	27.030	0.086210746
1956-06-01	27.150	0.086593479
1956-07-01	27.290	0.087040002
1956-08-01	27.310	0.087103791
1956-09-01	27.350	0.087231369
1956-10-01	27.510	0.08774168
1956-11-01	27.510	0.08774168
1956-12-01	27.630	0.088124414
1957-01-01	27.670	0.088251992
1957-02-01	27.800	0.08866662
1957-03-01	27.860	0.088857987
1957-04-01	27.930	0.089081248
1957-05-01	28.000	0.089304509
1957-06-01	28.110	0.089655348
1957-07-01	28.190	0.089910504
1957-08-01	28.280	0.090197554
1957-09-01	28.320	0.090325132
1957-10-01	28.320	0.090325132
1957-11-01	28.410	0.090612182
1957-12-01	28.470	0.090803549
1958-01-01	28.640	0.091345755
1958-02-01	28.700	0.091537122
1958-03-01	28.870	0.092079328
1958-04-01	28.940	0.092302589

1958-05-01	28.940	0.092302589
1958-06-01	28.910	0.092206906
1958-07-01	28.890	0.092143117
1958-08-01	28.940	0.092302589
1958-09-01	28.910	0.092206906
1958-10-01	28.910	0.092206906
1958-11-01	28.950	0.092334484
1958-12-01	28.970	0.092398273
1959-01-01	29.010	0.09252585
1959-02-01	29.000	0.092493956
1959-03-01	28.970	0.092398273
1959-04-01	28.980	0.092430167
1959-05-01	29.040	0.092621534
1959-06-01	29.110	0.092844795
1959-07-01	29.150	0.092972373
1959-08-01	29.180	0.093068056
1959-09-01	29.250	0.093291318
1959-10-01	29.350	0.093610262
1959-11-01	29.350	0.093610262
1959-12-01	29.410	0.093801629
1960-01-01	29.370	0.093674051
1960-02-01	29.410	0.093801629
1960-03-01	29.410	0.093801629
1960-04-01	29.540	0.094216257
1960-05-01	29.570	0.094311941
1960-06-01	29.610	0.094439519
1960-07-01	29.550	0.094248152
1960-08-01	29.610	0.094439519
1960-09-01	29.610	0.094439519
1960-10-01	29.750	0.094886041
1960-11-01	29.780	0.094981724
1960-12-01	29.810	0.095077408
1961-01-01	29.840	0.095173091
1961-02-01	29.840	0.095173091
1961-03-01	29.840	0.095173091
1961-04-01	29.810	0.095077408
1961-05-01	29.840	0.095173091
1961-06-01	29.840	0.095173091
1961-07-01	29.920	0.095428247
1961-08-01	29.940	0.095492036
1961-09-01	29.980	0.095619614
1961-10-01	29.980	0.095619614
1961-11-01	29.980	0.095619614
1961-12-01	30.010	0.095715297
1962-01-01	30.040	0.095810981
1962-02-01	30.110	0.096034242
1962-03-01	30.170	0.096225609
1962-04-01	30.210	0.096353187
1962-05-01	30.240	0.09644887

1962-06-01	30.210	0.096353187
1962-07-01	30.220	0.096385081
1962-08-01	30.280	0.096576448
1962-09-01	30.420	0.09702297
1962-10-01	30.380	0.096895393
1962-11-01	30.380	0.096895393
1962-12-01	30.380	0.096895393
1963-01-01	30.440	0.097086759
1963-02-01	30.480	0.097214337
1963-03-01	30.510	0.097310021
1963-04-01	30.480	0.097214337
1963-05-01	30.510	0.097310021
1963-06-01	30.610	0.097628965
1963-07-01	30.690	0.097884121
1963-08-01	30.750	0.098075488
1963-09-01	30.720	0.097979804
1963-10-01	30.750	0.098075488
1963-11-01	30.780	0.098171171
1963-12-01	30.880	0.098490116
1964-01-01	30.940	0.098681483
1964-02-01	30.910	0.098585799
1964-03-01	30.940	0.098681483
1964-04-01	30.950	0.098713377
1964-05-01	30.980	0.098809061
1964-06-01	31.010	0.098904744
1964-07-01	31.020	0.098936638
1964-08-01	31.050	0.099032322
1964-09-01	31.080	0.099128005
1964-10-01	31.120	0.099255583
1964-11-01	31.210	0.099542633
1964-12-01	31.250	0.099670211
1965-01-01	31.280	0.099765895
1965-02-01	31.280	0.099765895
1965-03-01	31.310	0.099861578
1965-04-01	31.380	0.100084839
1965-05-01	31.480	0.100403784
1965-06-01	31.610	0.100818412
1965-07-01	31.580	0.100722729
1965-08-01	31.550	0.100627045
1965-09-01	31.620	0.100850307
1965-10-01	31.650	0.10094599
1965-11-01	31.750	0.101264935
1965-12-01	31.850	0.101583879
1966-01-01	31.880	0.101679563
1966-02-01	32.080	0.102317452
1966-03-01	32.180	0.102636397
1966-04-01	32.280	0.102955341
1966-05-01	32.350	0.103178603
1966-06-01	32.380	0.103274286

1966-07-01	32.450	0.103497547
1966-08-01	32.650	0.104135437
1966-09-01	32.750	0.104454381
1966-10-01	32.850	0.104773326
1966-11-01	32.880	0.104869009
1966-12-01	32.920	0.104996587
1967-01-01	32.900	0.104932798
1967-02-01	33.000	0.105251743
1967-03-01	33.000	0.105251743
1967-04-01	33.100	0.105570688
1967-05-01	33.100	0.105570688
1967-06-01	33.300	0.106208577
1967-07-01	33.400	0.106527522
1967-08-01	33.500	0.106846466
1967-09-01	33.600	0.107165411
1967-10-01	33.700	0.107484356
1967-11-01	33.900	0.108122245
1967-12-01	34.000	0.10844119
1968-01-01	34.100	0.108760134
1968-02-01	34.200	0.109079079
1968-03-01	34.300	0.109398024
1968-04-01	34.400	0.109716968
1968-05-01	34.500	0.110035913
1968-06-01	34.700	0.110673803
1968-07-01	34.900	0.111311692
1968-08-01	35.000	0.111630637
1968-09-01	35.100	0.111949581
1968-10-01	35.300	0.112587471
1968-11-01	35.400	0.112906415
1968-12-01	35.600	0.113544305
1969-01-01	35.700	0.113863249
1969-02-01	35.800	0.114182194
1969-03-01	36.100	0.115139028
1969-04-01	36.300	0.115776917
1969-05-01	36.400	0.116095862
1969-06-01	36.600	0.116733751
1969-07-01	36.800	0.117371641
1969-08-01	36.900	0.117690585
1969-09-01	37.100	0.118328475
1969-10-01	37.300	0.118966364
1969-11-01	37.500	0.119604253
1969-12-01	37.700	0.120242143
1970-01-01	37.900	0.120880032
1970-02-01	38.100	0.121517922
1970-03-01	38.300	0.122155811
1970-04-01	38.500	0.1227937
1970-05-01	38.600	0.123112645
1970-06-01	38.800	0.123750534
1970-07-01	38.900	0.124069479

1970-08-01	39.000	0.124388424
1970-09-01	39.200	0.125026313
1970-10-01	39.400	0.125664202
1970-11-01	39.600	0.126302092
1970-12-01	39.800	0.126939981
1971-01-01	39.900	0.127258926
1971-02-01	39.900	0.127258926
1971-03-01	40.000	0.12757787
1971-04-01	40.100	0.127896815
1971-05-01	40.300	0.128534704
1971-06-01	40.500	0.129172594
1971-07-01	40.600	0.129491538
1971-08-01	40.700	0.129810483
1971-09-01	40.800	0.130129428
1971-10-01	40.900	0.130448372
1971-11-01	41.000	0.130767317
1971-12-01	41.100	0.131086262
1972-01-01	41.200	0.131405206
1972-02-01	41.400	0.132043096
1972-03-01	41.400	0.132043096
1972-04-01	41.500	0.13236204
1972-05-01	41.600	0.132680985
1972-06-01	41.700	0.13299993
1972-07-01	41.800	0.133318875
1972-08-01	41.900	0.133637819
1972-09-01	42.100	0.134275709
1972-10-01	42.200	0.134594653
1972-11-01	42.400	0.135232543
1972-12-01	42.500	0.135551487
1973-01-01	42.700	0.136189377
1973-02-01	43.000	0.137146211
1973-03-01	43.400	0.138421989
1973-04-01	43.700	0.139378823
1973-05-01	43.900	0.140016713
1973-06-01	44.200	0.140973547
1973-07-01	44.200	0.140973547
1973-08-01	45.000	0.143525104
1973-09-01	45.200	0.144162993
1973-10-01	45.600	0.145438772
1973-11-01	45.900	0.146395606
1973-12-01	46.300	0.147671385
1974-01-01	46.800	0.149266108
1974-02-01	47.300	0.150860832
1974-03-01	47.800	0.152455555
1974-04-01	48.100	0.153412389
1974-05-01	48.600	0.155007112
1974-06-01	49.000	0.156282891
1974-07-01	49.300	0.157239725
1974-08-01	49.900	0.159153393

1974-09-01	50.600	0.161386006
1974-10-01	51.000	0.162661785
1974-11-01	51.500	0.164256508
1974-12-01	51.900	0.165532287
1975-01-01	52.300	0.166808065
1975-02-01	52.600	0.1677649
1975-03-01	52.800	0.168402789
1975-04-01	53.000	0.169040678
1975-05-01	53.100	0.169359623
1975-06-01	53.500	0.170635402
1975-07-01	54.000	0.172230125
1975-08-01	54.200	0.172868014
1975-09-01	54.600	0.174143793
1975-10-01	54.900	0.175100627
1975-11-01	55.300	0.176376406
1975-12-01	55.600	0.17733324
1976-01-01	55.800	0.177971129
1976-02-01	55.900	0.178290074
1976-03-01	56.000	0.178609018
1976-04-01	56.100	0.178927963
1976-05-01	56.400	0.179884797
1976-06-01	56.700	0.180841631
1976-07-01	57.000	0.181798465
1976-08-01	57.300	0.182755299
1976-09-01	57.600	0.183712133
1976-10-01	57.900	0.184668967
1976-11-01	58.100	0.185306857
1976-12-01	58.400	0.186263691
1977-01-01	58.700	0.187220525
1977-02-01	59.300	0.189134193
1977-03-01	59.600	0.190091027
1977-04-01	60.000	0.191366806
1977-05-01	60.200	0.192004695
1977-06-01	60.500	0.192961529
1977-07-01	60.800	0.193918363
1977-08-01	61.100	0.194875197
1977-09-01	61.300	0.195513086
1977-10-01	61.600	0.19646992
1977-11-01	62.000	0.197745699
1977-12-01	62.300	0.198702533
1978-01-01	62.700	0.199978312
1978-02-01	63.000	0.200935146
1978-03-01	63.400	0.202210924
1978-04-01	63.900	0.203805648
1978-05-01	64.500	0.205719316
1978-06-01	65.000	0.207314039
1978-07-01	65.500	0.208908763
1978-08-01	65.900	0.210184541
1978-09-01	66.500	0.212098209

1978-10-01	67.100	0.214011877
1978-11-01	67.500	0.215287656
1978-12-01	67.900	0.216563435
1979-01-01	68.500	0.218477103
1979-02-01	69.200	0.220709716
1979-03-01	69.900	0.222942328
1979-04-01	70.600	0.225174941
1979-05-01	71.400	0.227726499
1979-06-01	72.200	0.230278056
1979-07-01	73.000	0.232829613
1979-08-01	73.700	0.235062226
1979-09-01	74.400	0.237294839
1979-10-01	75.200	0.239846396
1979-11-01	76.000	0.242397954
1979-12-01	76.900	0.245268456
1980-01-01	78.000	0.248776847
1980-02-01	79.000	0.251966294
1980-03-01	80.100	0.255474685
1980-04-01	80.900	0.258026243
1980-05-01	81.700	0.2605778
1980-06-01	82.500	0.263129358
1980-07-01	82.600	0.263448302
1980-08-01	83.200	0.26536197
1980-09-01	83.900	0.267594583
1980-10-01	84.700	0.27014614
1980-11-01	85.600	0.273016643
1980-12-01	86.400	0.2755682
1981-01-01	87.200	0.278119757
1981-02-01	88.000	0.280671315
1981-03-01	88.600	0.282584983
1981-04-01	89.100	0.284179706
1981-05-01	89.700	0.286093374
1981-06-01	90.500	0.288644932
1981-07-01	91.500	0.291834378
1981-08-01	92.200	0.294066991
1981-09-01	93.100	0.296937493
1981-10-01	93.400	0.297894327
1981-11-01	93.800	0.299170106
1981-12-01	94.100	0.30012694
1982-01-01	94.400	0.301083774
1982-02-01	94.700	0.302040608
1982-03-01	94.700	0.302040608
1982-04-01	95.000	0.302997442
1982-05-01	95.900	0.305867944
1982-06-01	97.000	0.309376336
1982-07-01	97.500	0.310971059
1982-08-01	97.700	0.311608948
1982-09-01	97.700	0.311608948
1982-10-01	98.100	0.312884727

1982-11-01	98.000	0.312565782
1982-12-01	97.700	0.311608948
1983-01-01	97.900	0.312246838
1983-02-01	98.000	0.312565782
1983-03-01	98.100	0.312884727
1983-04-01	98.800	0.31511734
1983-05-01	99.200	0.316393118
1983-06-01	99.400	0.317031008
1983-07-01	99.800	0.318306787
1983-08-01	100.100	0.319263621
1983-09-01	100.400	0.320220455
1983-10-01	100.800	0.321496233
1983-11-01	101.100	0.322453067
1983-12-01	101.400	0.323409901
1984-01-01	102.100	0.325642514
1984-02-01	102.600	0.327237237
1984-03-01	102.900	0.328194071
1984-04-01	103.300	0.32946985
1984-05-01	103.500	0.33010774
1984-06-01	103.700	0.330745629
1984-07-01	104.100	0.332021408
1984-08-01	104.400	0.332978242
1984-09-01	104.700	0.333935076
1984-10-01	105.100	0.335210854
1984-11-01	105.300	0.335848744
1984-12-01	105.500	0.336486633
1985-01-01	105.700	0.337124522
1985-02-01	106.300	0.33903819
1985-03-01	106.800	0.340632914
1985-04-01	107.000	0.341270803
1985-05-01	107.200	0.341908693
1985-06-01	107.500	0.342865527
1985-07-01	107.700	0.343503416
1985-08-01	107.900	0.344141305
1985-09-01	108.100	0.344779195
1985-10-01	108.500	0.346054973
1985-11-01	109.000	0.347649697
1985-12-01	109.500	0.34924442
1986-01-01	109.900	0.350520199
1986-02-01	109.700	0.349882309
1986-03-01	109.100	0.347968641
1986-04-01	108.700	0.346692863
1986-05-01	109.000	0.347649697
1986-06-01	109.400	0.348925475
1986-07-01	109.500	0.34924442
1986-08-01	109.600	0.349563365
1986-09-01	110.000	0.350839143
1986-10-01	110.200	0.351477033
1986-11-01	110.400	0.352114922

1986-12-01	110.800	0.353390701
1987-01-01	111.400	0.355304369
1987-02-01	111.800	0.356580148
1987-03-01	112.200	0.357855926
1987-04-01	112.700	0.35945065
1987-05-01	113.000	0.360407484
1987-06-01	113.500	0.362002207
1987-07-01	113.800	0.362959041
1987-08-01	114.300	0.364553765
1987-09-01	114.700	0.365829543
1987-10-01	115.000	0.366786377
1987-11-01	115.400	0.368062156
1987-12-01	115.600	0.368700045
1988-01-01	116.000	0.369975824
1988-02-01	116.200	0.370613713
1988-03-01	116.500	0.371570547
1988-04-01	117.200	0.37380316
1988-05-01	117.500	0.374759994
1988-06-01	118.000	0.376354718
1988-07-01	118.500	0.377949441
1988-08-01	119.000	0.379544164
1988-09-01	119.500	0.381138888
1988-10-01	119.900	0.382414666
1988-11-01	120.300	0.383690445
1988-12-01	120.700	0.384966224
1989-01-01	121.200	0.386560947
1989-02-01	121.600	0.387836726
1989-03-01	122.200	0.389750394
1989-04-01	123.100	0.392620896
1989-05-01	123.700	0.394534564
1989-06-01	124.100	0.395810343
1989-07-01	124.500	0.397086121
1989-08-01	124.500	0.397086121
1989-09-01	124.800	0.398042955
1989-10-01	125.400	0.399956624
1989-11-01	125.900	0.401551347
1989-12-01	126.300	0.402827126
1990-01-01	127.500	0.406654462
1990-02-01	128.000	0.408249185
1990-03-01	128.600	0.410162853
1990-04-01	128.900	0.411119687
1990-05-01	129.100	0.411757577
1990-06-01	129.900	0.414309134
1990-07-01	130.500	0.416222802
1990-08-01	131.600	0.419731193
1990-09-01	132.500	0.422601696
1990-10-01	133.400	0.425472198
1990-11-01	133.700	0.426429032
1990-12-01	134.200	0.428023755

1991-01-01	134.700	0.429618478
1991-02-01	134.800	0.429937423
1991-03-01	134.800	0.429937423
1991-04-01	135.100	0.430894257
1991-05-01	135.600	0.43248898
1991-06-01	136.000	0.433764759
1991-07-01	136.200	0.434402649
1991-08-01	136.600	0.435678427
1991-09-01	137.000	0.436954206
1991-10-01	137.200	0.437592095
1991-11-01	137.800	0.439505763
1991-12-01	138.200	0.440781542
1992-01-01	138.300	0.441100487
1992-02-01	138.600	0.442057321
1992-03-01	139.100	0.443652044
1992-04-01	139.400	0.444608878
1992-05-01	139.700	0.445565712
1992-06-01	140.100	0.446841491
1992-07-01	140.500	0.44811727
1992-08-01	140.800	0.449074104
1992-09-01	141.100	0.450030938
1992-10-01	141.700	0.451944606
1992-11-01	142.100	0.453220384
1992-12-01	142.300	0.453858274
1993-01-01	142.800	0.455452997
1993-02-01	143.100	0.456409831
1993-03-01	143.300	0.457047721
1993-04-01	143.800	0.458642444
1993-05-01	144.200	0.459918223
1993-06-01	144.300	0.460237167
1993-07-01	144.500	0.460875057
1993-08-01	144.800	0.461831891
1993-09-01	145.000	0.46246978
1993-10-01	145.600	0.464383448
1993-11-01	146.000	0.465659227
1993-12-01	146.300	0.466616061
1994-01-01	146.300	0.466616061
1994-02-01	146.700	0.467891839
1994-03-01	147.100	0.469167618
1994-04-01	147.200	0.469486563
1994-05-01	147.500	0.470443397
1994-06-01	147.900	0.471719176
1994-07-01	148.400	0.473313899
1994-08-01	149.000	0.475227567
1994-09-01	149.300	0.476184401
1994-10-01	149.400	0.476503346
1994-11-01	149.800	0.477779124
1994-12-01	150.100	0.478735958
1995-01-01	150.500	0.480011737

1995-02-01	150.900	0.481287516
1995-03-01	151.200	0.48224435
1995-04-01	151.800	0.484158018
1995-05-01	152.100	0.485114852
1995-06-01	152.400	0.486071686
1995-07-01	152.600	0.486709575
1995-08-01	152.900	0.487666409
1995-09-01	153.100	0.488304299
1995-10-01	153.500	0.489580077
1995-11-01	153.700	0.490217967
1995-12-01	153.900	0.490855856
1996-01-01	154.700	0.493407414
1996-02-01	155.000	0.494364248
1996-03-01	155.500	0.495958971
1996-04-01	156.100	0.497872639
1996-05-01	156.400	0.498829473
1996-06-01	156.700	0.499786307
1996-07-01	157.000	0.500743141
1996-08-01	157.200	0.50138103
1996-09-01	157.700	0.502975754
1996-10-01	158.200	0.504570477
1996-11-01	158.700	0.506165201
1996-12-01	159.100	0.507440979
1997-01-01	159.400	0.508397813
1997-02-01	159.700	0.509354647
1997-03-01	159.800	0.509673592
1997-04-01	159.900	0.509992537
1997-05-01	159.900	0.509992537
1997-06-01	160.200	0.510949371
1997-07-01	160.400	0.51158726
1997-08-01	160.800	0.512863039
1997-09-01	161.200	0.514138817
1997-10-01	161.500	0.515095652
1997-11-01	161.700	0.515733541
1997-12-01	161.800	0.516052486
1998-01-01	162.000	0.516690375
1998-02-01	162.000	0.516690375
1998-03-01	162.000	0.516690375
1998-04-01	162.200	0.517328264
1998-05-01	162.600	0.518604043
1998-06-01	162.800	0.519241932
1998-07-01	163.200	0.520517711
1998-08-01	163.400	0.5211556
1998-09-01	163.500	0.521474545
1998-10-01	163.900	0.522750324
1998-11-01	164.100	0.523388213
1998-12-01	164.400	0.524345047
1999-01-01	164.700	0.525301881
1999-02-01	164.700	0.525301881

1999-03-01	164.800	0.525620826
1999-04-01	165.900	0.529129217
1999-05-01	166.000	0.529448162
1999-06-01	166.000	0.529448162
1999-07-01	166.700	0.531680775
1999-08-01	167.100	0.532956553
1999-09-01	167.800	0.535189166
1999-10-01	168.100	0.536146
1999-11-01	168.400	0.537102834
1999-12-01	168.800	0.538378613
2000-01-01	169.300	0.539973336
2000-02-01	170.000	0.542205949
2000-03-01	171.000	0.545395396
2000-04-01	170.900	0.545076451
2000-05-01	171.200	0.546033285
2000-06-01	172.200	0.549222732
2000-07-01	172.700	0.550817455
2000-08-01	172.700	0.550817455
2000-09-01	173.600	0.553687957
2000-10-01	173.900	0.554644791
2000-11-01	174.200	0.555601625
2000-12-01	174.600	0.556877404
2001-01-01	175.600	0.560066851
2001-02-01	176.000	0.56134263
2001-03-01	176.100	0.561661574
2001-04-01	176.400	0.562618408
2001-05-01	177.300	0.56548891
2001-06-01	177.700	0.566764689
2001-07-01	177.400	0.565807855
2001-08-01	177.400	0.565807855
2001-09-01	178.100	0.568040468
2001-10-01	177.600	0.566445744
2001-11-01	177.500	0.5661268
2001-12-01	177.400	0.565807855
2002-01-01	177.700	0.566764689
2002-02-01	178.000	0.567721523
2002-03-01	178.500	0.569316246
2002-04-01	179.300	0.571867804
2002-05-01	179.500	0.572505693
2002-06-01	179.600	0.572824638
2002-07-01	180.000	0.574100417
2002-08-01	180.500	0.57569514
2002-09-01	180.800	0.576651974
2002-10-01	181.200	0.577927753
2002-11-01	181.500	0.578884587
2002-12-01	181.800	0.579841421
2003-01-01	182.600	0.582392978
2003-02-01	183.600	0.585582425
2003-03-01	183.900	0.586539259

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2003-05-01	182.900	0.583349812
2003-06-01	183.100	0.583987701
2003-07-01	183.700	0.58590137
2003-08-01	184.500	0.588452927
2003-09-01	185.100	0.590366595
2003-10-01	184.900	0.589728706
2003-11-01	185.000	0.59004765
2003-12-01	185.500	0.591642374
2004-01-01	186.300	0.594193931
2004-02-01	186.700	0.59546971
2004-03-01	187.100	0.596745489
2004-04-01	187.400	0.597702323
2004-05-01	188.200	0.60025388
2004-06-01	188.900	0.602486493
2004-07-01	189.100	0.603124382
2004-08-01	189.200	0.603443327
2004-09-01	189.800	0.605356995
2004-10-01	190.800	0.608546442
2004-11-01	191.700	0.611416944
2004-12-01	191.700	0.611416944
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2005-02-01	192.400	0.613649556
2005-03-01	193.100	0.615882169
2005-04-01	193.700	0.617795837
2005-05-01	193.600	0.617476892
2005-06-01	193.700	0.617795837
2005-07-01	194.900	0.621623173
2005-08-01	196.100	0.625450509
2005-09-01	198.800	0.634062016
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2005-11-01	198.100	0.631829403
2005-12-01	198.100	0.631829403
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2006-02-01	199.400	0.635975684
2006-03-01	199.700	0.636932518
2006-04-01	200.700	0.640121964
2006-05-01	201.300	0.642035632
2006-06-01	201.800	0.643630356
2006-07-01	202.900	0.647138747
2006-08-01	203.800	0.650009249
2006-09-01	202.800	0.646819803
2006-10-01	201.900	0.643949301
2006-11-01	202.000	0.644268245
2006-12-01	203.100	0.647776637
2007-01-01	203.437	0.64885148
2007-02-01	204.226	0.651367954
2007-03-01	205.288	0.654755146
2007-04-01	205.904	0.656719845

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2007-06-01	207.234	0.66096181
2007-07-01	207.603	0.662138715
2007-08-01	207.667	0.66234284
2007-09-01	208.547	0.665149553
2007-10-01	209.190	0.667200367
2007-11-01	210.834	0.672443818
2007-12-01	211.445	0.67439257
2008-01-01	212.174	0.676717677
2008-02-01	212.687	0.678353863
2008-03-01	213.448	0.680781032
2008-04-01	213.942	0.682356618
2008-05-01	215.208	0.686394458
2008-06-01	217.463	0.69358666
2008-07-01	219.016	0.698539871
2008-08-01	218.690	0.697500112
2008-09-01	218.877	0.698096538
2008-10-01	216.995	0.692093999
2008-11-01	213.153	0.679840145
2008-12-01	211.398	0.674242666
2009-01-01	211.933	0.67594902
2009-02-01	212.705	0.678411273
2009-03-01	212.495	0.677741489
2009-04-01	212.709	0.678424031
2009-05-01	213.022	0.679422327
2009-06-01	214.790	0.685061269
2009-07-01	214.726	0.684857145
2009-08-01	215.445	0.687150357
2009-09-01	215.861	0.688477167
2009-10-01	216.509	0.690543928
2009-11-01	217.234	0.692856277
2009-12-01	217.347	0.693216685
2010-01-01	217.488	0.693666397
2010-02-01	217.281	0.693006181
2010-03-01	217.353	0.693235821
2010-04-01	217.403	0.693395294
2010-05-01	217.290	0.693034886
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2010-07-01	217.605	0.694039562
2010-08-01	217.923	0.695053806
2010-09-01	218.275	0.696176491
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2010-11-01	219.590	0.700370614
2010-12-01	220.472	0.703183706
2011-01-01	221.187	0.70546416
2011-02-01	221.898	0.707731857
2011-03-01	223.046	0.711393342
2011-04-01	224.093	0.714732692
2011-05-01	224.806	0.717006768

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2011-07-01	225.395	0.718885352
2011-08-01	226.106	0.721153049
2011-09-01	226.597	0.722719067
2011-10-01	226.750	0.723207053
2011-11-01	227.169	0.724543431
2011-12-01	227.223	0.724715661
2012-01-01	227.842	0.726689928
2012-02-01	228.329	0.728243189
2012-03-01	228.807	0.729767744
2012-04-01	229.187	0.730979734
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2012-11-01	231.249	0.737556373
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2013-02-01	232.937	0.74294016
2013-03-01	232.282	0.740851072
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2013-05-01	231.893	0.739610377
2013-06-01	232.445	0.741370952
2013-07-01	232.900	0.74282215
2013-08-01	233.456	0.744595482
2013-09-01	233.544	0.744876154
2013-10-01	233.669	0.745274835
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2013-12-01	234.719	0.748623754
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2014-04-01	236.468	0.754202096
2014-05-01	236.918	0.755637347
2014-06-01	237.231	0.756635644
2014-07-01	237.498	0.757487226
2014-08-01	237.460	0.757366027
2014-09-01	237.477	0.757420248
2014-10-01	237.430	0.757270344
2014-11-01	236.983	0.755844661
2014-12-01	236.252	0.753513176
2015-01-01	234.747	0.748713058
2015-02-01	235.342	0.750610779
2015-03-01	235.976	0.752632888
2015-04-01	236.222	0.753417492
2015-05-01	237.001	0.755902071
2015-06-01	237.657	0.757994348

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2015-08-01	238.033	0.75919358
2015-09-01	237.498	0.757487226
2015-10-01	237.733	0.758236746
2015-11-01	238.017	0.759142549
2015-12-01	237.761	0.758326051
2016-01-01	237.652	0.757978401
2016-02-01	237.336	0.756970536
2016-03-01	238.080	0.759343484
2016-04-01	238.992	0.76225226
2016-05-01	239.557	0.764054297
2016-06-01	240.222	0.766175279
2016-07-01	240.101	0.765789356
2016-08-01	240.545	0.767205471
2016-09-01	241.176	0.769218011
2016-10-01	241.741	0.771020049
2016-11-01	242.026	0.771929041
2016-12-01	242.637	0.773877793
2017-01-01	243.618	0.77700664
2017-02-01	244.006	0.778244146
2017-03-01	243.892	0.777880549
2017-04-01	244.193	0.778840572
2017-05-01	244.004	0.778237767
2017-06-01	244.163	0.778744889
2017-07-01	244.243	0.779000045
2017-08-01	245.183	0.781998125
2017-09-01	246.435	0.785991312
2017-10-01	246.626	0.786600496
2017-11-01	247.284	0.788699152
2017-12-01	247.805	0.790360854
2018-01-01	248.859	0.793722531
2018-02-01	249.529	0.79585946
2018-03-01	249.577	0.796012554
2018-04-01	250.227	0.798085694
2018-05-01	250.792	0.799887731
2018-06-01	251.018	0.800608546
2018-07-01	251.214	0.801233678
2018-08-01	251.663	0.80266574
2018-09-01	252.182	0.804321062
2018-10-01	252.772	0.806202836
2018-11-01	252.594	0.805635115
2018-12-01	252.767	0.806186889
2019-01-01	252.561	0.805529863
2019-02-01	253.319	0.807947463
2019-03-01	254.277	0.811002953
2019-04-01	255.233	0.814052065
2019-05-01	255.296	0.814253
2019-06-01	255.213	0.813988276
2019-07-01	255.802	0.81586686

2019-08-01	256.036	0.81661319
2019-09-01	256.430	0.817869832
2019-10-01	257.155	0.820182181
2019-11-01	257.879	0.822491341
2019-12-01	258.630	0.824886615
2020-01-01	258.906	0.825766902
2020-02-01	259.246	0.826851314
2020-03-01	258.150	0.823355681
2020-04-01	256.126	0.81690024
2020-05-01	255.848	0.816013574
2020-06-01	257.004	0.819700575
2020-07-01	258.408	0.824178558
2020-08-01	259.366	0.827234048
2020-09-01	259.951	0.829099874
2020-10-01	260.249	0.830050329
2020-11-01	260.895	0.832110712
2020-12-01	262.005	0.835650998
2021-01-01	262.518	0.837287184
2021-02-01	263.583	0.840683945
2021-03-01	264.910	0.844916341
2021-04-01	266.752	0.850791302
2021-05-01	268.452	0.856213361
2021-06-01	270.664	0.863268417
2021-07-01	271.994	0.867510382
2021-08-01	272.789	0.870045992
2021-09-01	273.887	0.873548004
2021-10-01	276.434	0.881671525
2021-11-01	278.799	0.889214567
2021-12-01	280.808	0.895622165
2022-01-01	282.390	0.90066787
2022-02-01	284.535	0.907509233
2022-03-01	287.553	0.917134984
2022-04-01	288.764	0.920997404
2022-05-01	291.359	0.929274018
2022-06-01	294.996	0.940874036
2022-07-01	294.977	0.940813437
2022-08-01	295.209	0.941553388
2022-09-01	296.341	0.945163842
2022-10-01	297.863	0.95001818
2022-11-01	298.648	0.952521896
2022-12-01	298.812	0.953044965
2023-01-01	300.356	0.957969471
2023-02-01	301.509	0.961646903
2023-03-01	301.744	0.962396423
2023-04-01	303.032	0.96650443
2023-05-01	303.365	0.967566516
2023-06-01	304.003	0.969601383
2023-07-01	304.628	0.971594787
2023-08-01	306.187	0.976567135

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2023-10-01	307.531	0.980853751	
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2023-12-01	308.742	0.984716171	
2024-01-01	309.685	0.987723819	
2024-02-01	311.054	0.992090172	
2024-03-01	312.230	0.995840961	
2024-04-01	313.207	0.998957051	
2024-05-01	313.225	0.999014461	
2024-06-01	313.049	0.998453118	
2024-07-01	313.534	1	1.60

Index 1982-1984=100, Monthly, Seasonally Adjusted

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