Meta-data file

Data were collected during the freshmen-testing program called 'Testweek' during 5 separate large group-testing sessions in the beginning of the academic year (October and November).

Psychology students (151 males, 383 females, 3 sex unknown) participated for course credit and the sample represents over 99% of the freshmen cohort. Only a few students did not wish to participate and were given an alternative assignment. Missing data was mostly due to dropout from the students. Students who missed a session because of illness etc. later completed that session in similar circumstances.

Data were collected in accordance with the ethical guidelines of the Department of Psychology at the University of Amsterdam. Data are fully anonymized. Data from students who did not give their consent were discarded.

Submitted by Jelte M. Wicherts & Marjan Bakker - University of Amsterdam

Variable names in Excel file and variable names

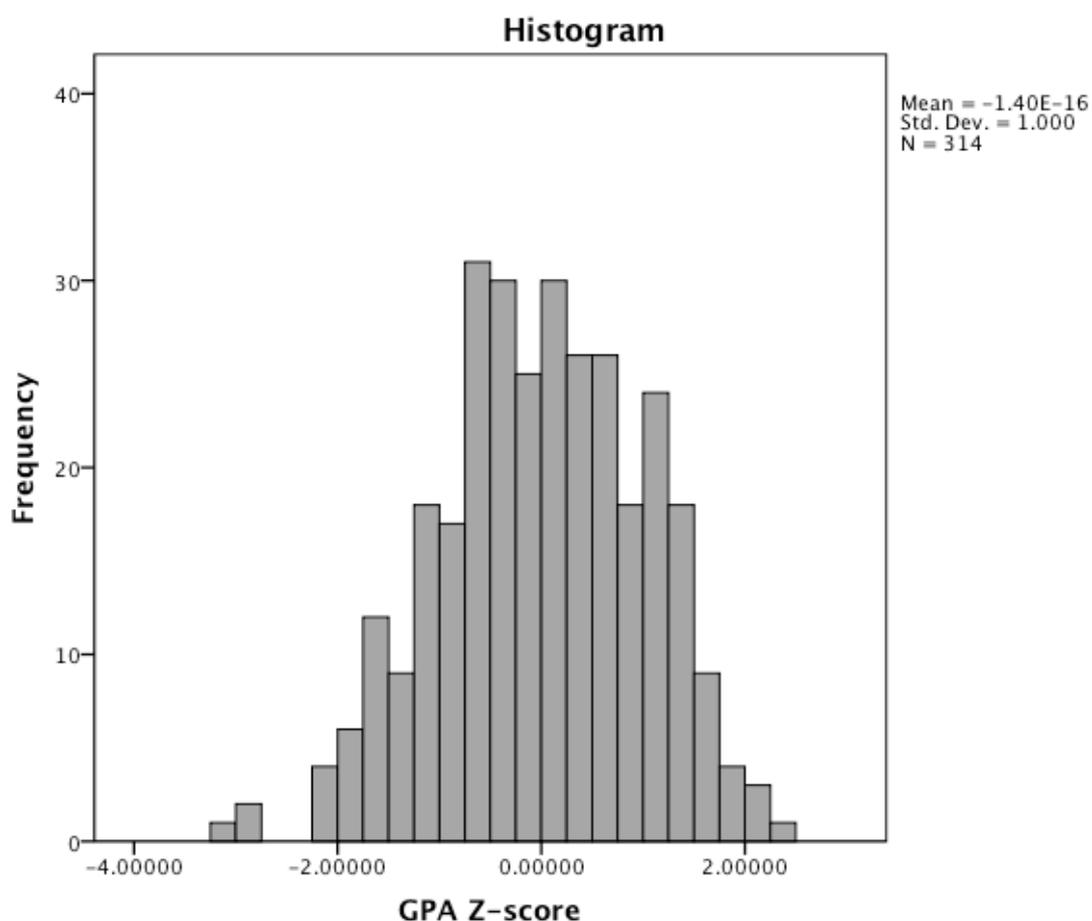| Variable Name	Variable Label
subjnr	Subject number
sex	sex of participant
language	Native Dutch Speaker?
Zgpa	Z score of 1st trimester grade point average
rav1 – rav36	raven APM item 1 to raven APM item 36
rav_until	Raven APM completed until item no.
ravenscore	Raven APM no. correct
mis5pft	no. of missing items in 5PFT
e5pft	EXTRAVERSION - 5PFT
a5pft	AGREEABLENESS - 5PFT
c5pft	CONSCIENTIOUSNESS - 5PFT
n5pft	NEUROTICISM - 5PFT
o5pft	OPENNESS - 5PFT
lre_cor	logical reasoning no. correct
lre_incor	logical reasoning no. incorrect
lre_miss	logical reasoning no. missing items
lretot	logical reasoning total score
nse_cor	number series no. correct
nse_incor	number series no. incorrect
nse_miss	number series no. missing items
nsetot	number series total score
voc_cor	vocabulary no. correct
voc_incor	vocabulary no. incorrect
voc_miss	vocabulary no. missing items
voctot	vocabulary total score
hfi_cor	hidden figures no. correct
hfi_incor	hidden figures no. incorrect
hfi_miss	hidden figures no. missing items
hfitot	hidden figures total score
van_cor	verbal analogies no. correct
van_incor	verbal analogies no. incorrect
van_miss	verbal analogies no. missing items
vantot	verbal analogies total score
ari_cor	arithmetic no. correct
ari_incor	arithmetic no. incorrect
ari_miss	arithmetic no. missing items
aritot	arithmetic total score
im	IMPRESSION MANAGEMENT
sd	SELF DECEPTION
nNEO	Neuroticism - NEO-PI-R
eNEO	Extraversion - NEO-PI-R
oNEO	Openness - NEO-PI-R
aNEO	Agreeableness - NEO-PI-R
cNEO	Conscientiousness - NEO-PI-R

Empty cells represent missing values.

1st trimester grade point average

GPAs were based on official records of performance on the first-trimester exams of Statistics, Introduction to Psychology, and Psychophysiology. Exams took place around the same time as the "Testweek" sessions. Discarded were data from students who did not complete all three exams or who indicated that they did not want their grades to be used for research. Scores were based on the Z score of the sum of Z scores of the three exams in the same sample. Cronbach's Alpha reliability on the basis of the three exams was .765.

Descriptive Statistics

	N	Skewness		Kurtosis	
	Statistic	Statistic	Std. Error	Statistic	Std. Error
GPA Z-score	314	-.197	.138	-.291	.274
Valid N (listwise)	314				

Histogram

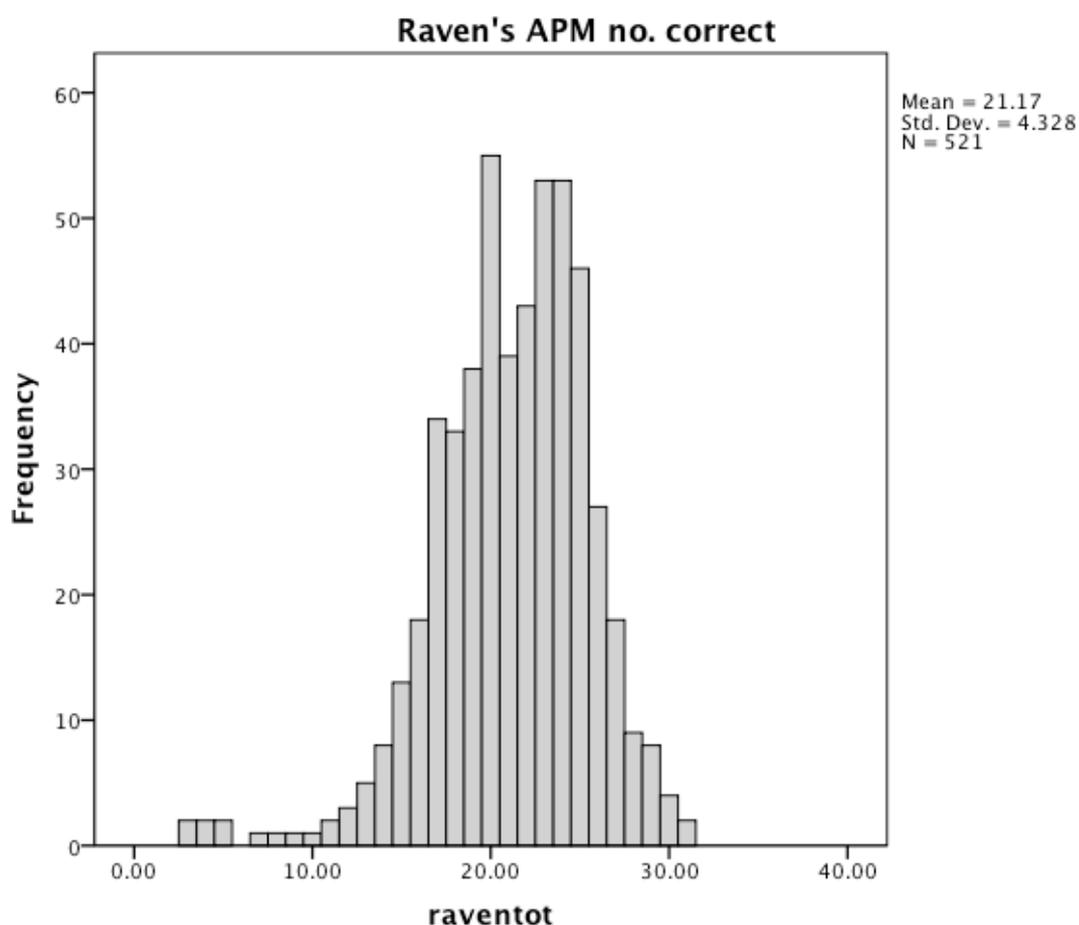Mean = -1.40E-16
Std. Dev. = 1.000
N = 314

Raven's Advanced Progressive Matrices

The 36 items of Set II of Raven's (Raven, Court, & Raven, 1996) Advanced Progressive Matrices were administered on paper with a 20-minute time limit. We excluded the data from two participants who had completed less than 3 items. KR-20 in the current sample is .794. The data file also lists the number of items completed by each participant within the time limit.

Descriptive Statistics

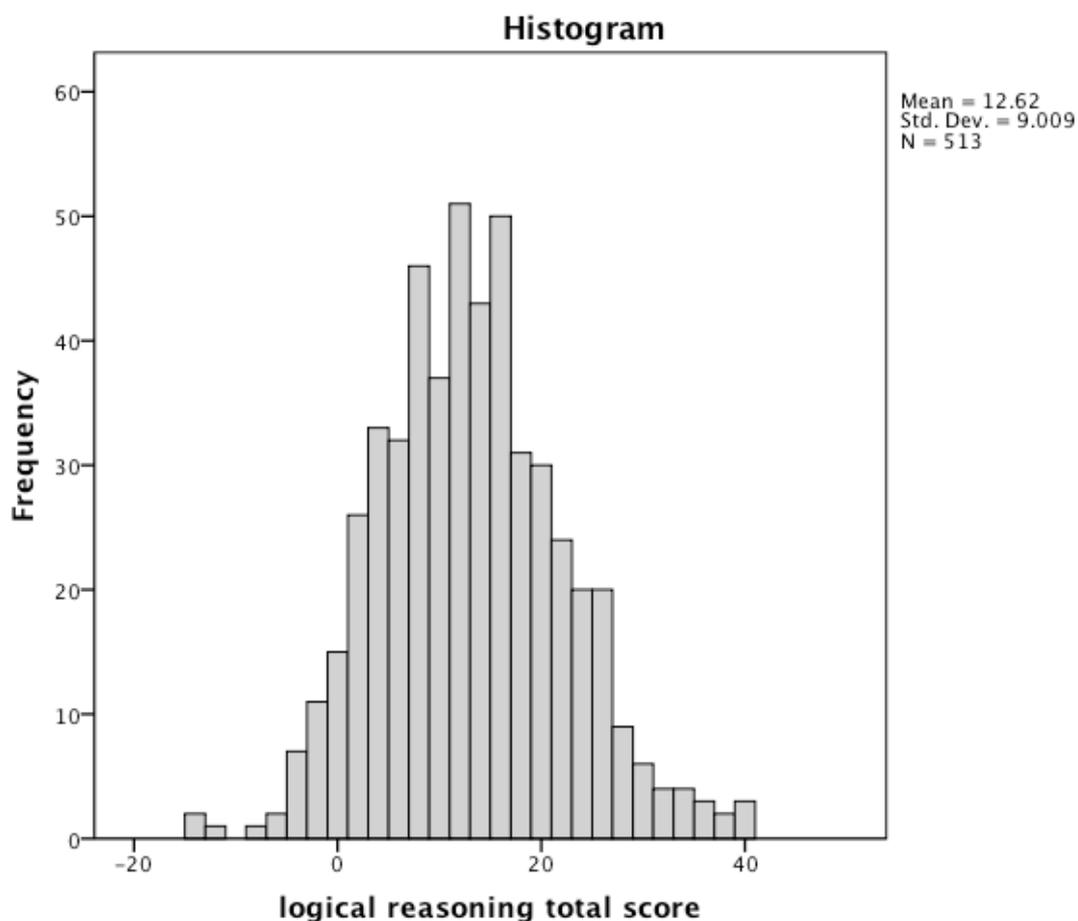|	N	Skewness		Kurtosis	
	Statistic	Statistic	Std. Error	Statistic	Std. Error
raventot	521	-.868	.107	2.032	.214
Valid N (listwise)	521				

Logical Reasoning Test

The Logical Reasoning Test (Elshout, 1976) consists of 40 items that measure logical reasoning with symbols. An example item is: "A = B > C", with the question relating to the relation between A and C. Answers are given on a multiple-choice format: "<", ">", "$\leq$", "$\geq$", or "cannot be deduced". The test was completed with paper-and-pencil. The test was given with a time limit of 8 minutes. Test scores were computed by subtracting the number incorrect from the number incorrect. KR-20 in the current sample is .901.

Descriptive Statistics

	N	Skewness		Kurtosis	
	Statistic	Statistic	Std. Error	Statistic	Std. Error
logical reasoning total score	513	.254	.108	.184	.215
Valid N (listwise)	513				

Histogram

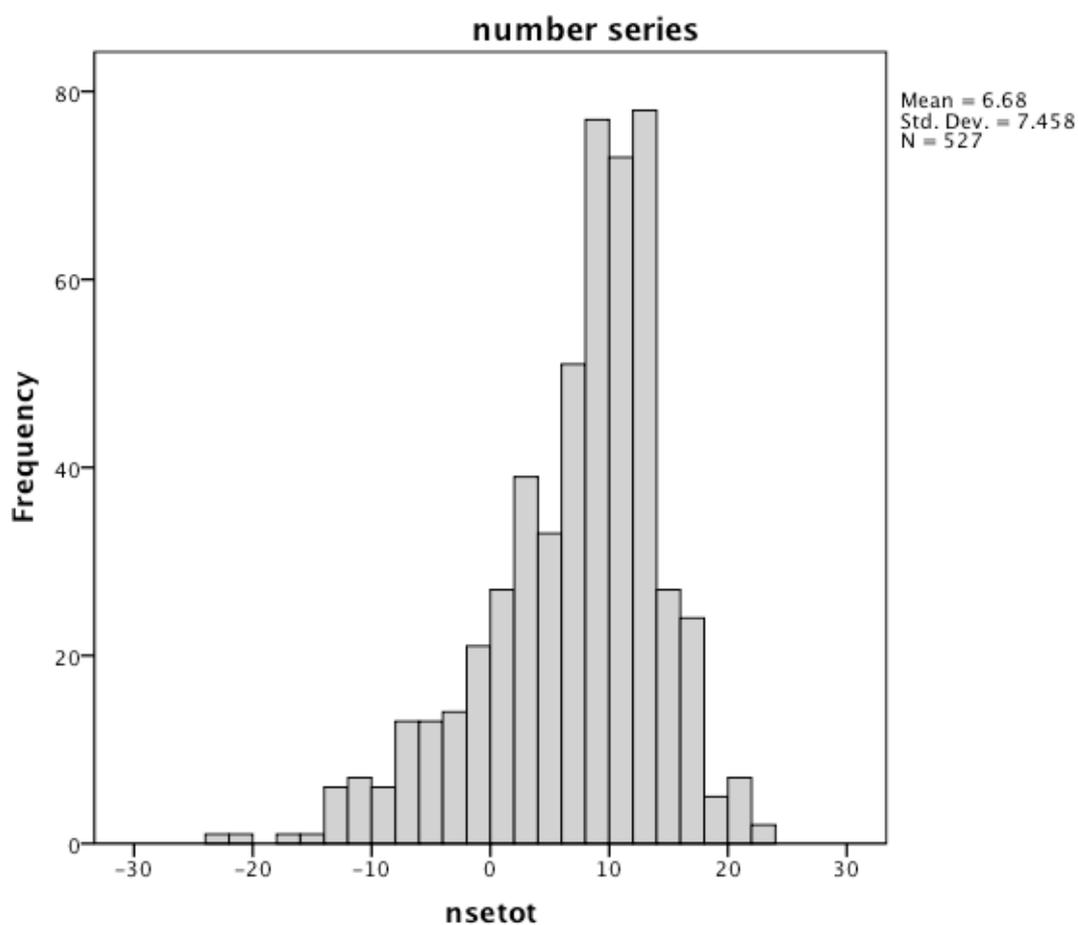Mean = 12.62
Std. Dev. = 9.009
N = 513

Number Series Test

The Number Series Test was developed by Elshout (1976) and consists of 30 number series that need to be completed on the basis of a multiple-choice format. An example item is "1 3 5 7 9" with answers "10", "11", "12", "13", or "14". Time limit is 12 minutes. The test was computer-administered. Test scores were computed by subtracting the number incorrect from the number incorrect. KR-20 in the current sample is .737.

Descriptive Statistics

	N	Skewness		Kurtosis	
	Statistic	Statistic	Std. Error	Statistic	Std. Error
nsetot	527	-.938	.106	.989	.212
Valid N (listwise)	527				

number series

Mean = 6.68
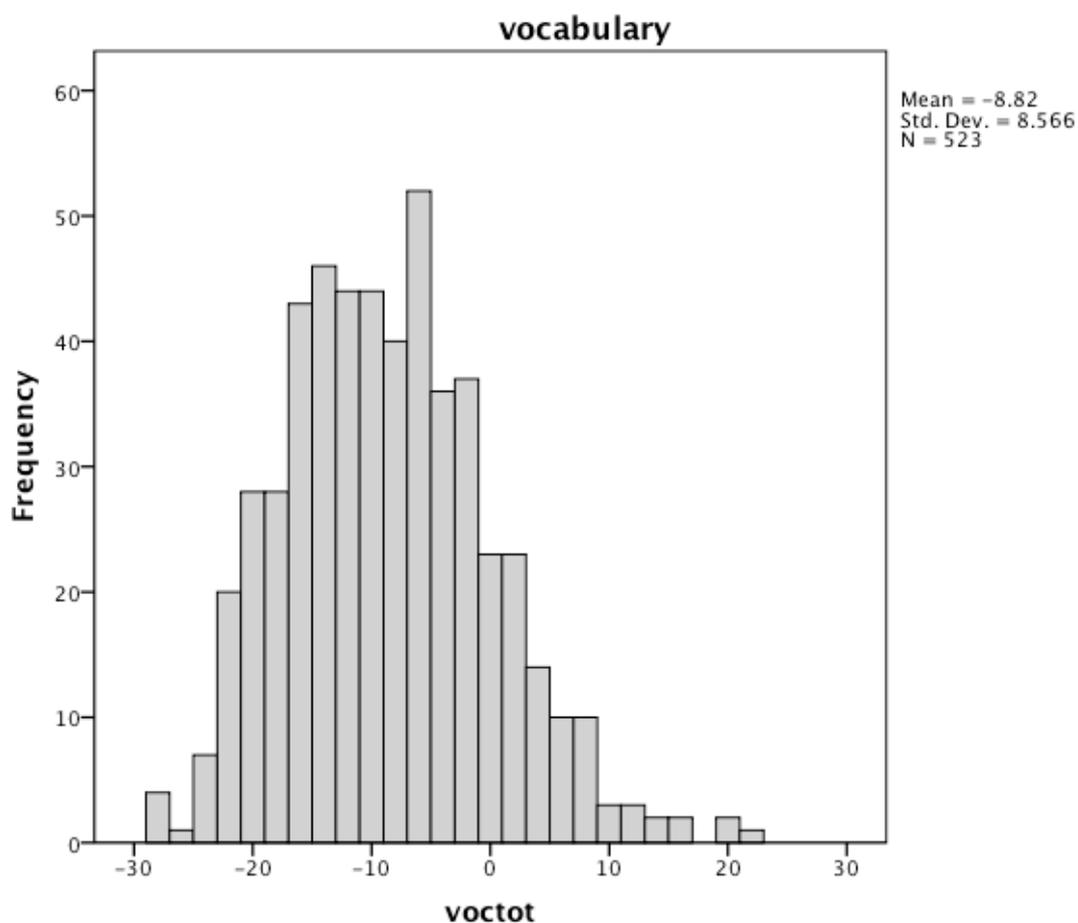Std. Dev. = 7.458
N = 527

Vocabulary

The Vocabulary Test was developed by Elshout (1976) and consists of 40 uncommon Dutch words. Test was given under a 10-minute time limit and was completed with paper-and-pencil. Answers were given on a four-option multiple-choice format and test score was computed by subtracting number incorrect from the number correct. KR-20 in the current sample is .637.

Descriptive Statistics

	N	Skewness		Kurtosis	
	Statistic	Statistic	Std. Error	Statistic	Std. Error
voctot	523	.430	.107	.130	.213
Valid N (listwise)	523				

vocabulary
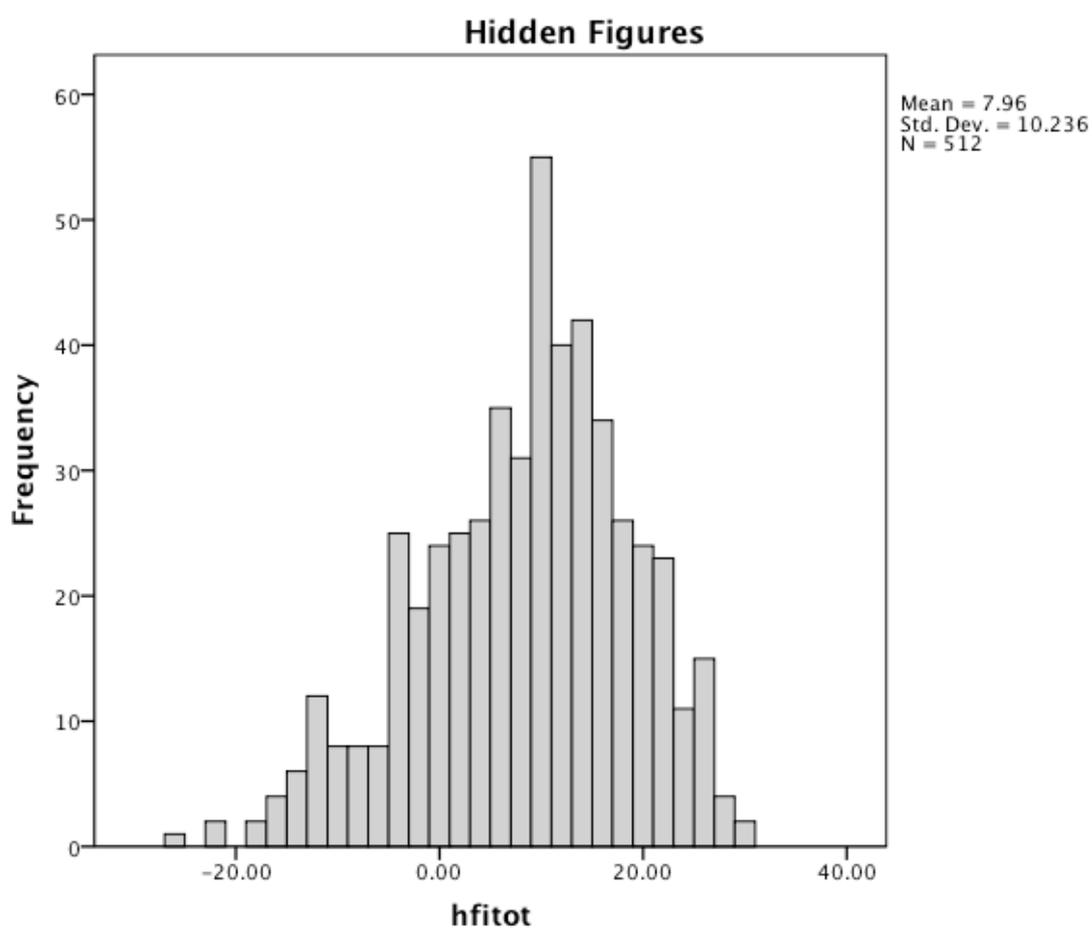
Mean = -8.82
Std. Dev. = 8.566
N = 523

Hidden Figures Test

The Hidden Figures Test was developed by Elshout (1976) and resembles the Embedded Figures test. The test consists of 32 complex figures and the respondent needs to find which one of five simple figures is part of each complex figure. Test was given under a 20-minute time limit and was completed with paper-and-pencil. The test score was computed by subtracting number incorrect from the number correct. KR-20 in the current sample is .882.

Descriptive Statistics

	N	Skewness		Kurtosis	
	Statistic	Statistic	Std. Error	Statistic	Std. Error
hfitot	512	-.460	.108	-.091	.215
Valid N (listwise)	512				

Hidden Figures

Mean = 7.96
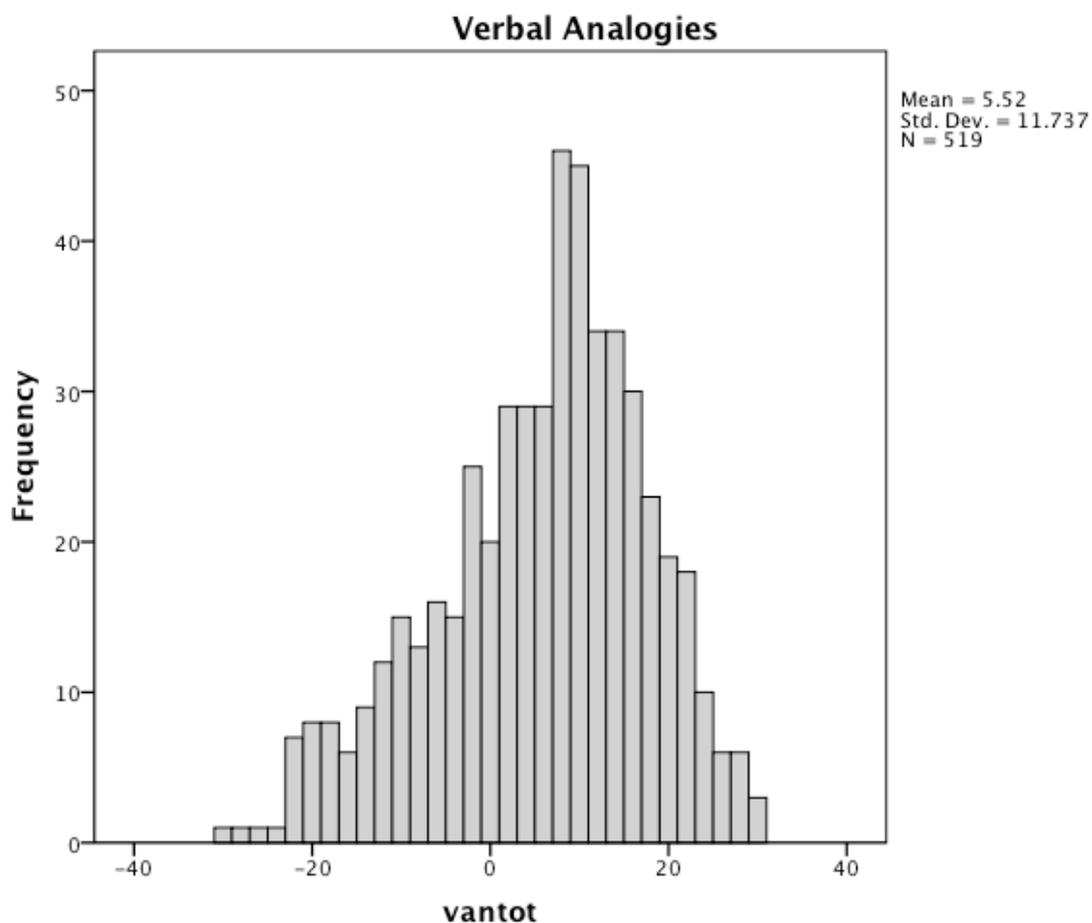Std. Dev. = 10.236
N = 512

Verbal Analogies Test

The Verbal Analogies Test was developed by Elshout (1976) and consists of 40 verbal analogies that need to be answered on a four-option multiple-choice format. Test was given under a 10-minute time limit and was computer-administered. The test score was computed by subtracting number incorrect from the number correct. KR-20 in the current sample is .849.

Descriptive Statistics

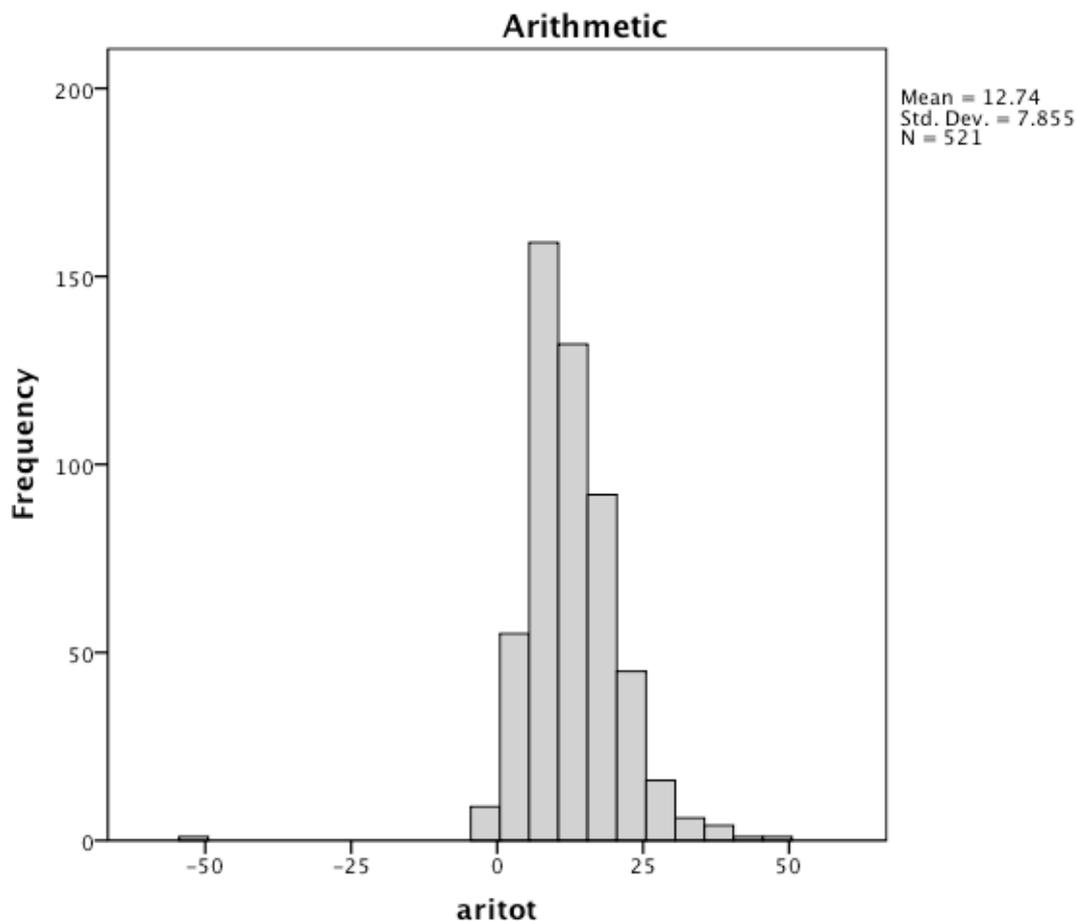|	N	Skewness		Kurtosis	
	Statistic	Statistic	Std. Error	Statistic	Std. Error
vantot	519	-.514	.107	-.161	.214
Valid N (listwise)	519				

Arithmetic

The Arithmetic Test was developed by Elshout (1976) and consists of 90 relatively easy arithmetic sums that should be solved mentally within a time limit of 4 minutes. Answer format was open-ended. The test was computer-administered. The test score was computed by subtracting number incorrect from the number correct. We excluded scores from two participants with scores of -81 and -84, respectively, and who gave identical answers on a number of consecutive items, but kept the score of one participant who provided quick estimates on a many items.

Descriptive Statistics

	N	Skewness		Kurtosis	
	Statistic	Statistic	Std. Error	Statistic	Std. Error
aritot	521	-.295	.107	9.550	.214
Valid N (listwise)	521				

Arithmetic

Mean = 12.74
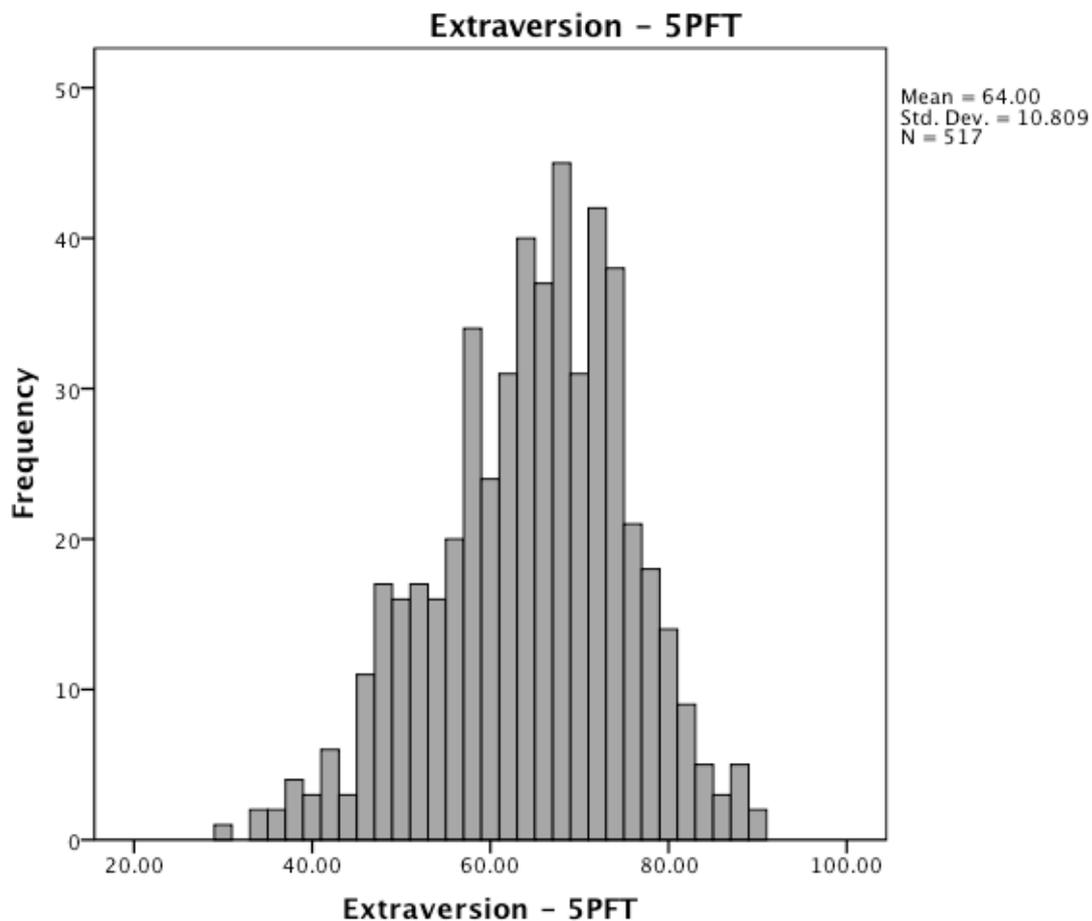Std. Dev. = 7.855
N = 521

Extraversion – 5PFT

The Extraversion scale of the Dutch "Vijf Persoonlijkheids Factoren Test" (5PFT; Elshout & Akkerman, 1975) consists of 14 items, each of which is scored on a seven-point Likert scale. The scale was completed with paper-and-pencil. Cronbach's Alpha of the scale in the current sample was .833. Missing items (<2%) were imputed with the modal category in the sample. A few students' data were excluded because of aberrant answer patterns.

Descriptive Statistics

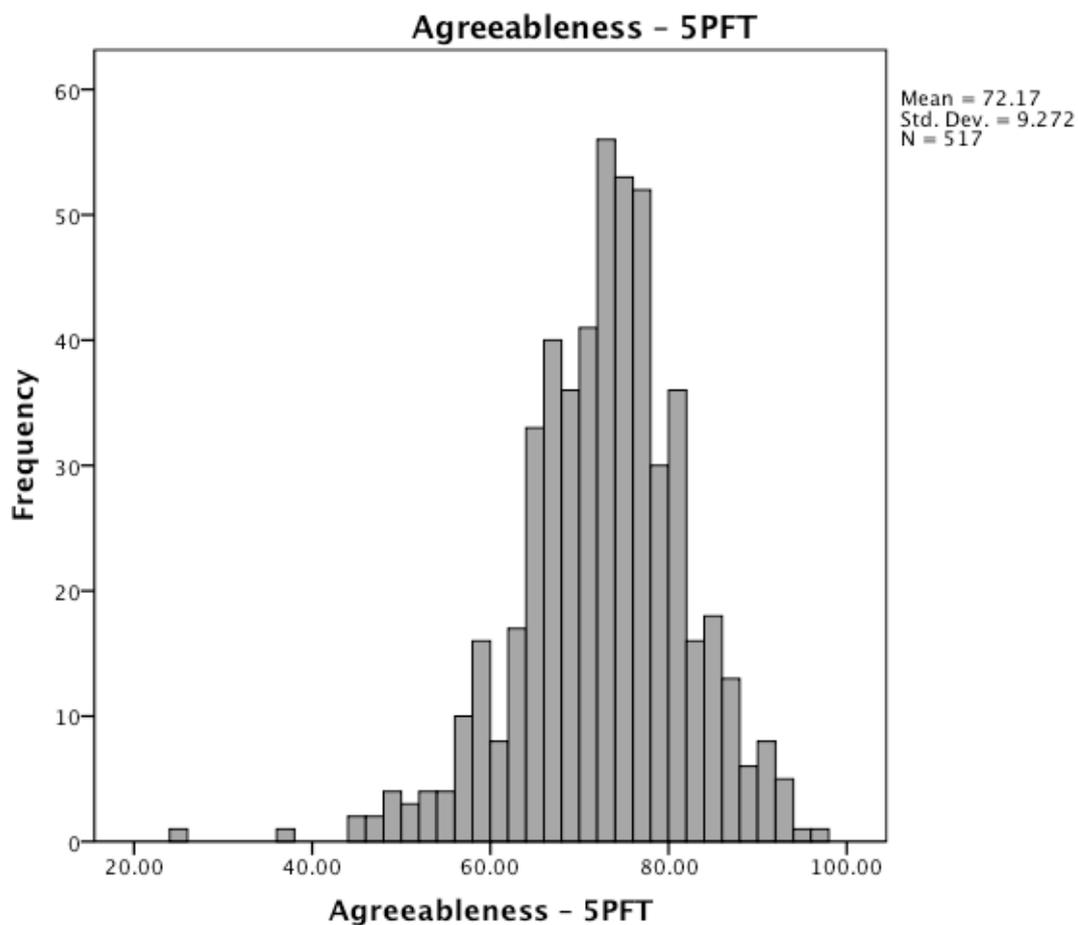|	N	Skewness		Kurtosis	
	Statistic	Statistic	Std. Error	Statistic	Std. Error
EXTRAVERSION	517	-.363	.107	-.074	.214
Valid N (listwise)	517				

Agreeableness – 5PFT

The Agreeableness scale of the Dutch "Vijf Persoonlijkheids Factoren Test" (5PFT; Elshout &
Akkerman, 1975) consists of 14 items, each of which is scored on a seven-point Likert scale.
The scale was completed with paper-and-pencil. Cronbach's Alpha of the scale in the current
sample was .832. Missing items (<2%) were imputed with the modal category in the sample.
A few students' data were excluded because of aberrant answer patterns.

Descriptive Statistics

	N	Skewness		Kurtosis	
	Statistic	Statistic	Std. Error	Statistic	Std. Error
AGREEABLENESS	517	-.566	.107	1.584	.214
Valid N (listwise)	517				

Agreeableness – 5PFT

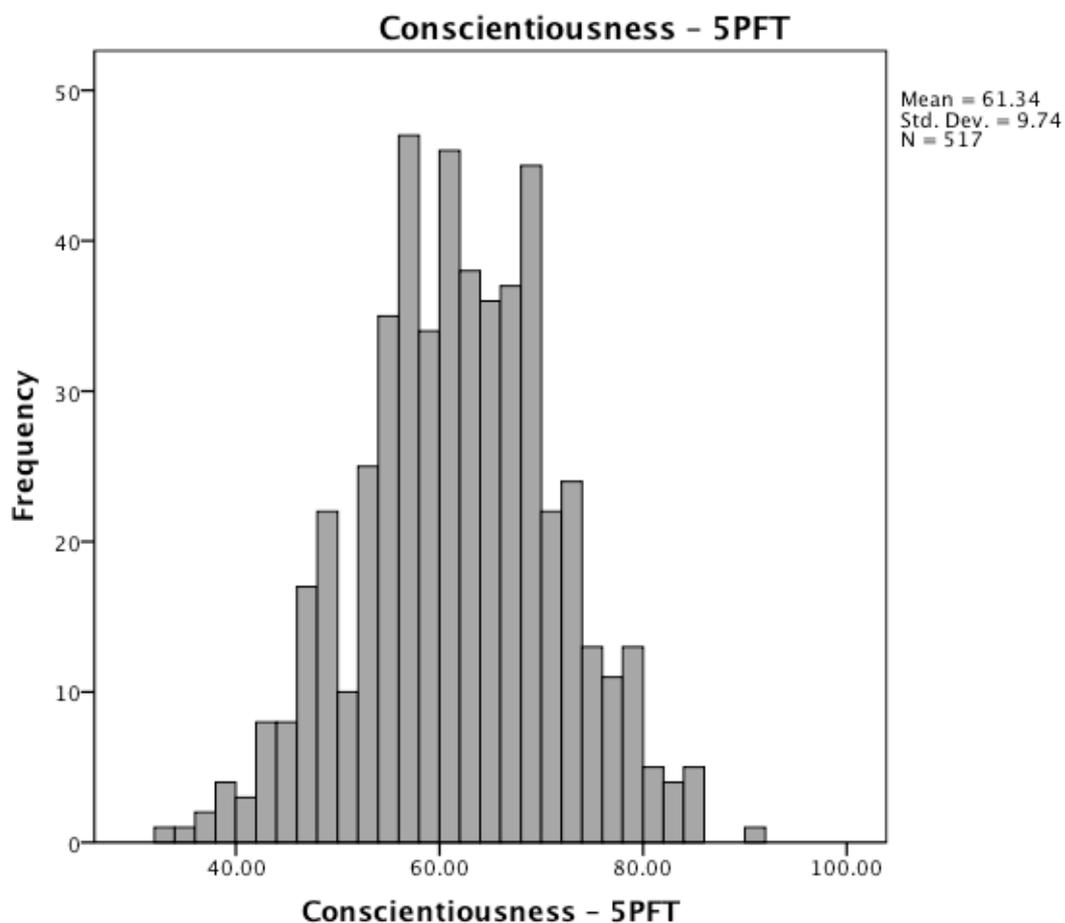Mean = 72.17
Std. Dev. = 9.272
N = 517

Conscientiousness – 5PFT

The Conscientiousness scale of the Dutch "Vijf Persoonlijkheids Factoren Test" (5PFT; Elshout & Akkerman, 1975) consists of 14 items, each of which is scored on a seven-point Likert scale. The scale was completed with paper-and-pencil. Cronbach's Alpha of the scale in the current sample was .786. Missing items (<2%) were imputed with the modal category in the sample. A few students' data were excluded because of aberrant answer patterns.

Descriptive Statistics

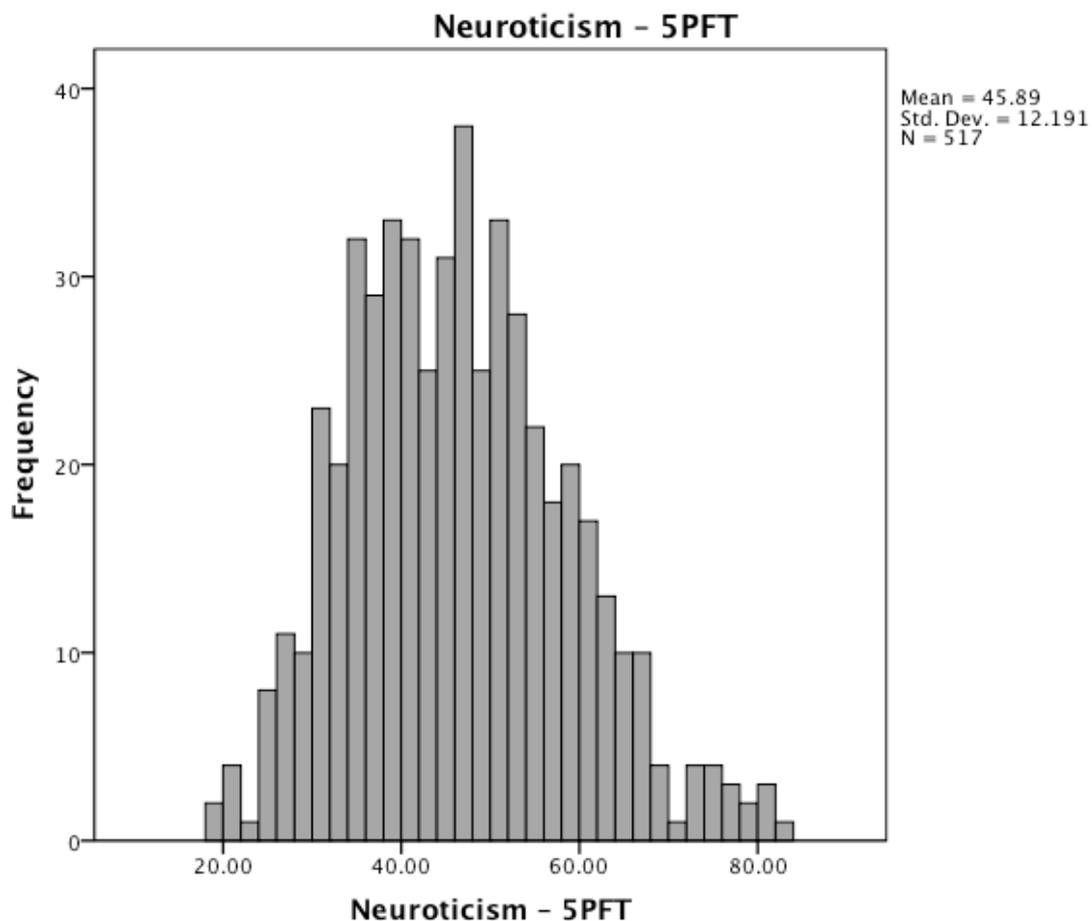|	N	Skewness		Kurtosis	
	Statistic	Statistic	Std. Error	Statistic	Std. Error
CONSCIENTIOUSNESS	517	-.057	.107	-.099	.214
Valid N (listwise)	517				

Neuroticism – 5PFT

The Neuroticism scale of the Dutch "Vijf Persoonlijkheids Factoren Test" (5PFT; Elshout & Akkerman, 1975) consists of 14 items, each of which is scored on a seven-point Likert scale. The scale was completed with paper-and-pencil. Cronbach's Alpha of the scale in the current sample was .876. Missing items (<2%) were imputed with the modal category in the sample. A few students' data were excluded because of aberrant answer patterns.

Descriptive Statistics

	N	Skewness		Kurtosis	
	Statistic	Statistic	Std. Error	Statistic	Std. Error
NEUROTICISM	517	.382	.107	-.128	.214
Valid N (listwise)	517				

Neuroticism – 5PFT

Mean = 45.89
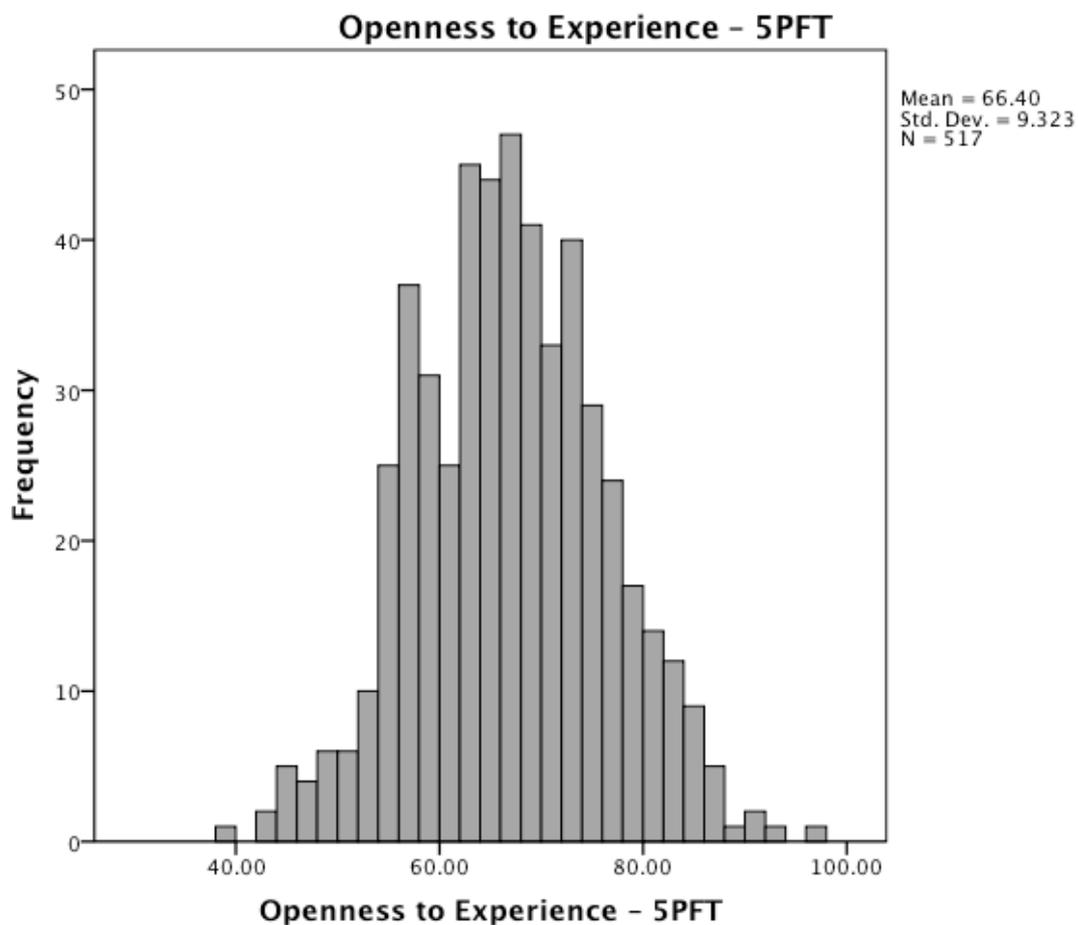Std. Dev. = 12.191
N = 517

Openness to Experience – 5PFT

The Openness to Experience scale of the Dutch "Vijf Persoonlijkheids Factoren Test" (5PFT; Elshout & Akkerman, 1975) consists of 14 items, each of which is scored on a seven-point Likert scale. The scale was completed with paper-and-pencil. Cronbach's Alpha of the scale in the current sample was .790. Missing items (<2%) were imputed with the modal category in the sample. A few students' data were excluded because of aberrant answer patterns.

Descriptive Statistics

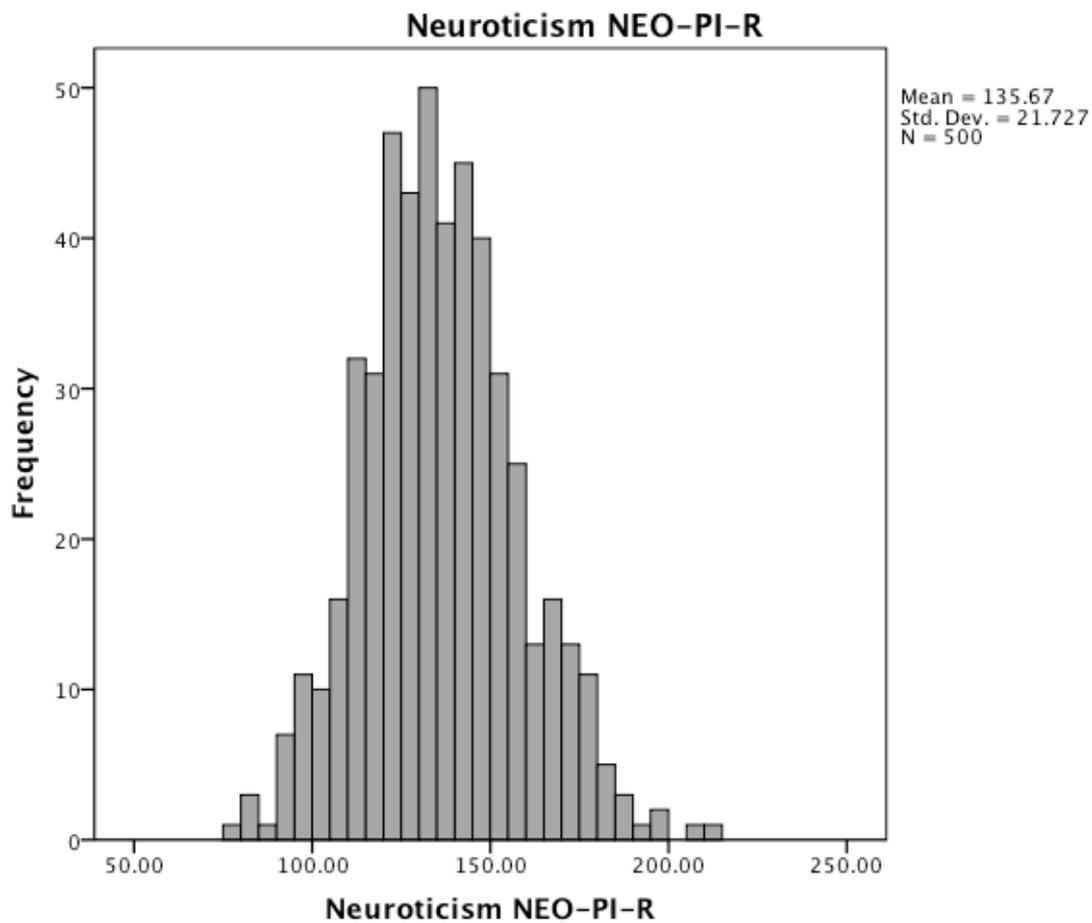|	N	Skewness		Kurtosis	
	Statistic	Statistic	Std. Error	Statistic	Std. Error
OPENNESS	517	.048	.107	-.067	.214
Valid N (listwise)	517				

Neuroticism – NEO-PI-R

Neuroticism scale of the Dutch NEO-PI-R (Hoekstra et al., 1996) consists of 48 items that are answered on 5-point Likert Scale. Cronbach's Alpha in the current sample was .917. The scale was completed with paper-and-pencil and missing facet scores (<1%) were filled in with the mean in the sample. A few students' data were excluded because of aberrant answer patterns.

Descriptive Statistics

	N	Skewness		Kurtosis	
	Statistic	Statistic	Std. Error	Statistic	Std. Error
Neuroticism	500	.273	.109	.175	.218
Valid N (listwise)	500				

Neuroticism NEO-PI-R

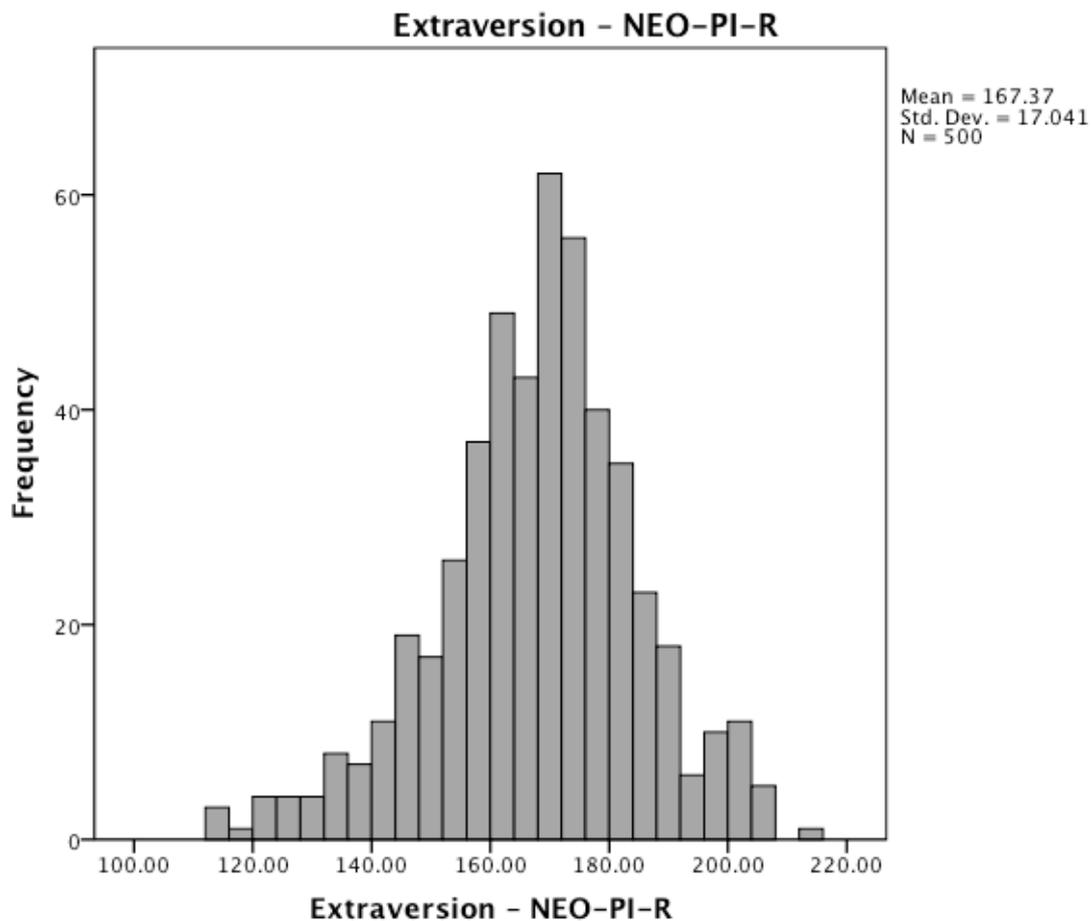Mean = 135.67
Std. Dev. = 21.727
N = 500

Extraversion – NEO-PI-R

The Extraversion scale of the Dutch NEO-PI-R (Hoekstra et al., 1996) consists of 48 items that are answered on 5-point Likert Scale. Cronbach's Alpha in the current sample was .866. The scale was completed with paper-and-pencil and missing facet scores (<1%) were filled in with the mean in the sample. A few students' data were excluded because of aberrant answer patterns.

Descriptive Statistics

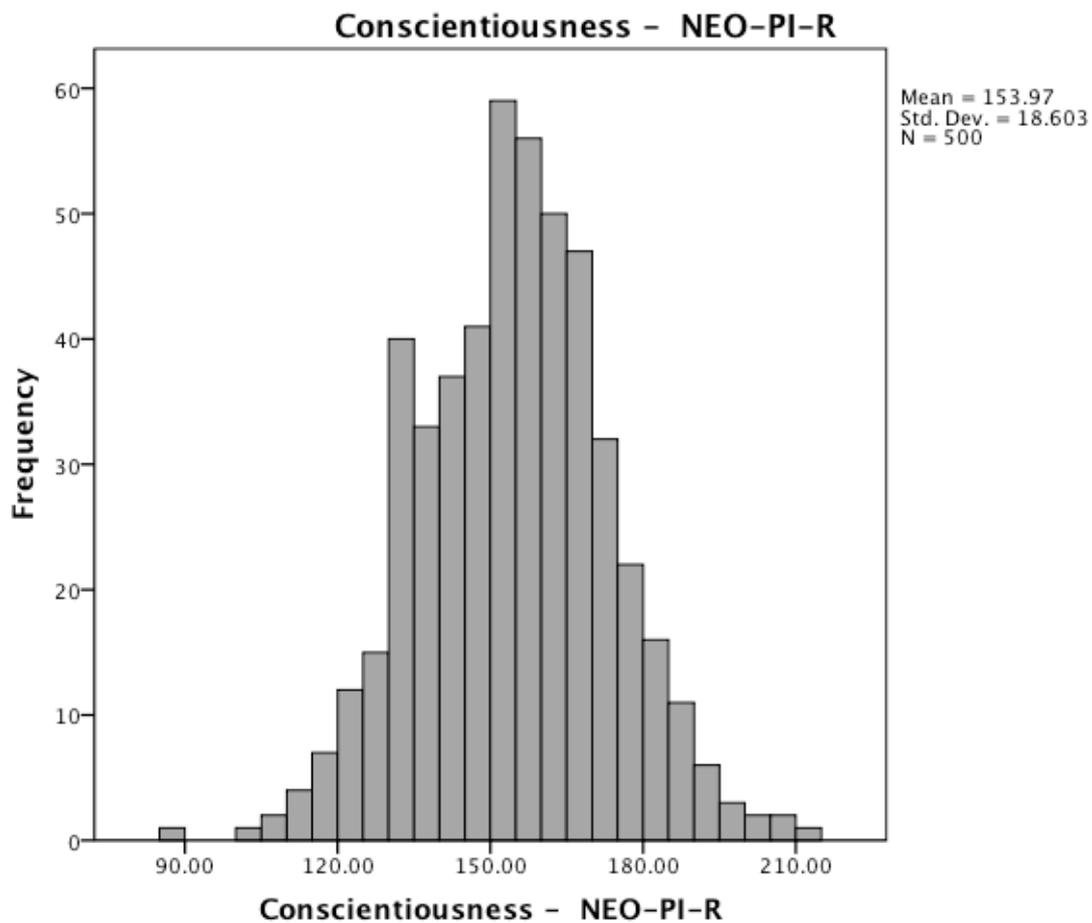|	N	Skewness		Kurtosis	
	Statistic	Statistic	Std. Error	Statistic	Std. Error
Extraversion	500	-.388	.109	.528	.218
Valid N (listwise)	500				

Conscientiousness - NEO-PI-R

The Conscientiousness scale of the Dutch NEO-PI-R (Hoekstra et al., 1996) consists of 48 items that are answered on 5-point Likert Scale. Cronbach's Alpha in the current sample was .894. The scale was completed with paper-and-pencil and missing facet scores (<1%) were filled in with the mean in the sample. A few students' data were excluded because of aberrant answer patterns.

Descriptive Statistics

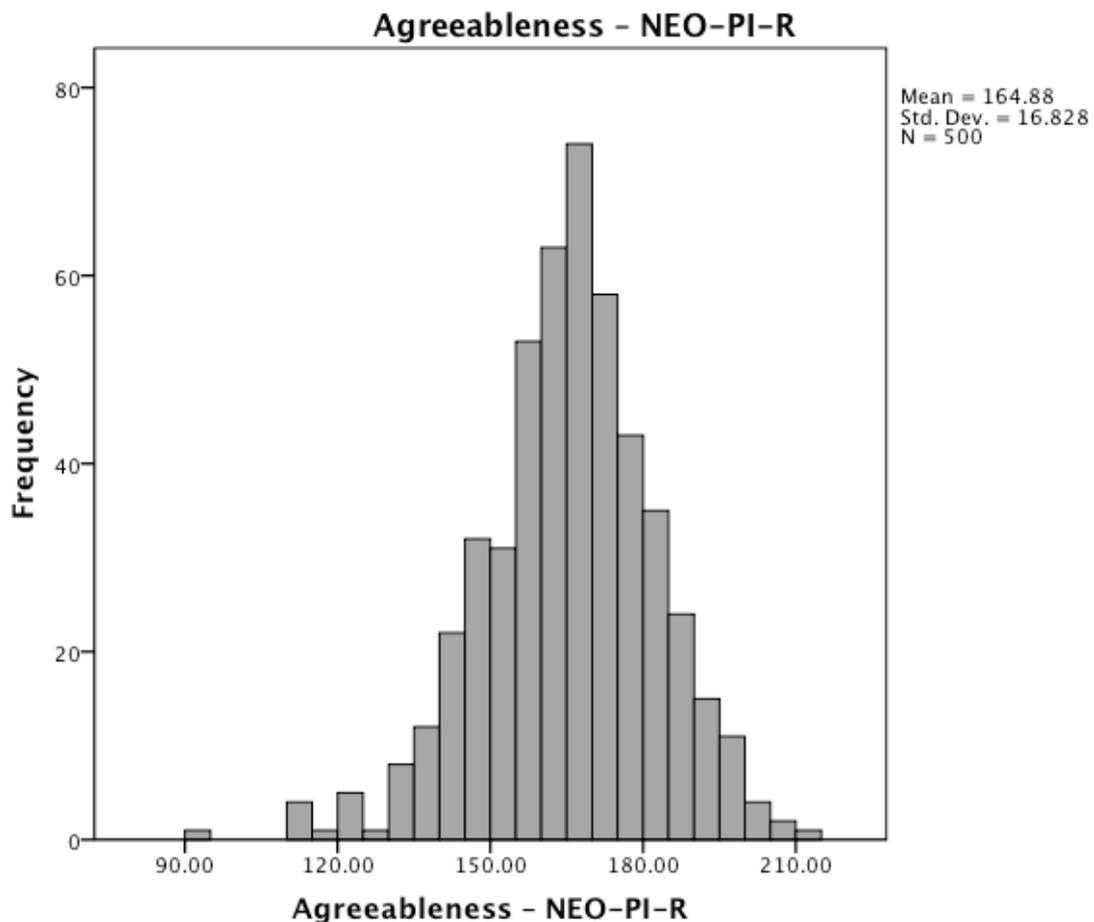|	N	Skewness		Kurtosis	
	Statistic	Statistic	Std. Error	Statistic	Std. Error
Conscientiousness	500	.009	.109	.178	.218
Valid N (listwise)	500				

Agreeableness – NEO-PI-R

The Agreeableness scale of the Dutch NEO-PI-R (Hoekstra et al., 1996) consists of 48 items that are answered on 5-point Likert Scale. Cronbach's Alpha in the current sample was .875. The scale was completed with paper-and-pencil and missing facet scores (<1%) were filled in with the mean in the sample. A few students' data were excluded because of aberrant answer patterns.

Descriptive Statistics

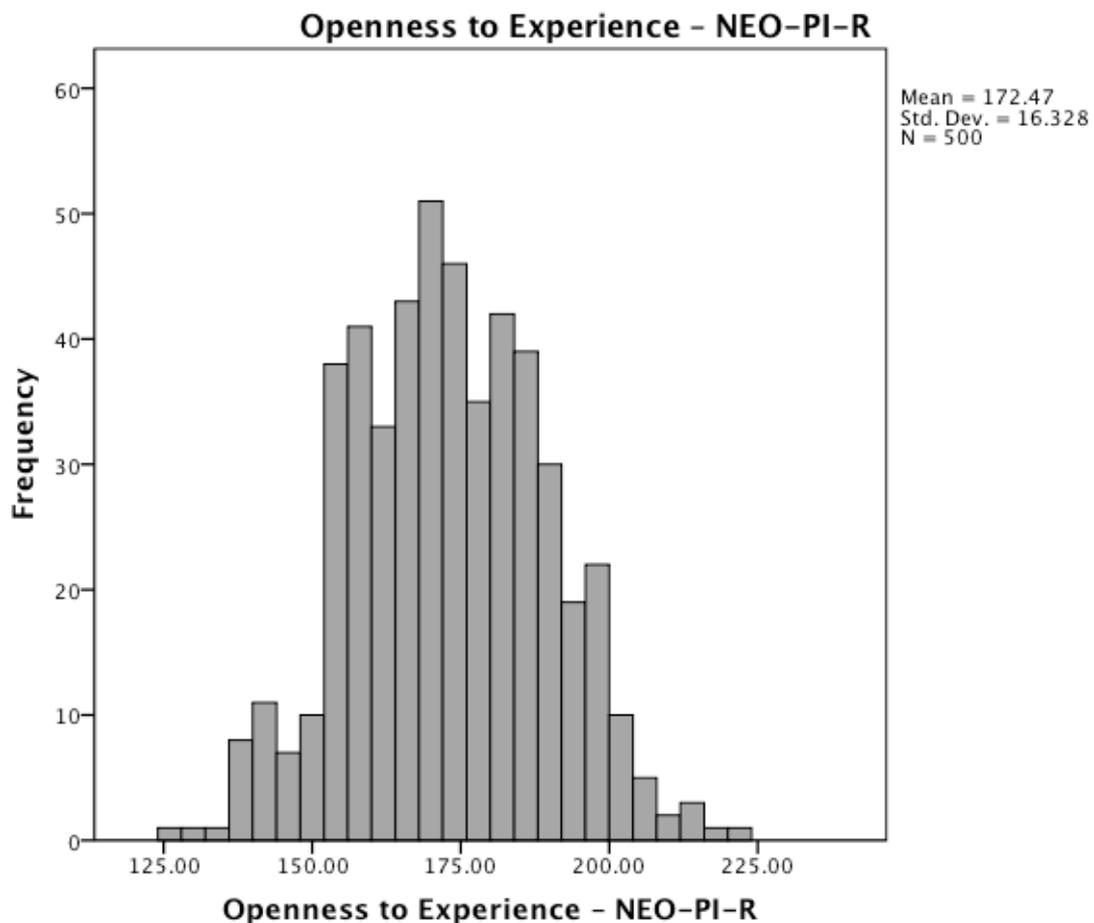|	N	Skewness		Kurtosis	
	Statistic	Statistic	Std. Error	Statistic	Std. Error
Agreeableness	500	-.417	.109	.865	.218
Valid N (listwise)	500				

Openness to Experience – NEO-PI-R

The Openness to Experience scale of the Dutch NEO-PI-R (Hoekstra et al., 1996) consists of 48 items that are answered on 5-point Likert Scale. Cronbach's Alpha in the current sample was .857. The scale was completed with paper-and-pencil and missing facet scores (<1%) were filled in with the mean in the sample. A few students' data were excluded because of aberrant answer patterns.

Descriptive Statistics

	N	Skewness		Kurtosis	
	Statistic	Statistic	Std. Error	Statistic	Std. Error
Openness	500	.059	.109	-.274	.218
Valid N (listwise)	500				

Openness to Experience – NEO-PI-R

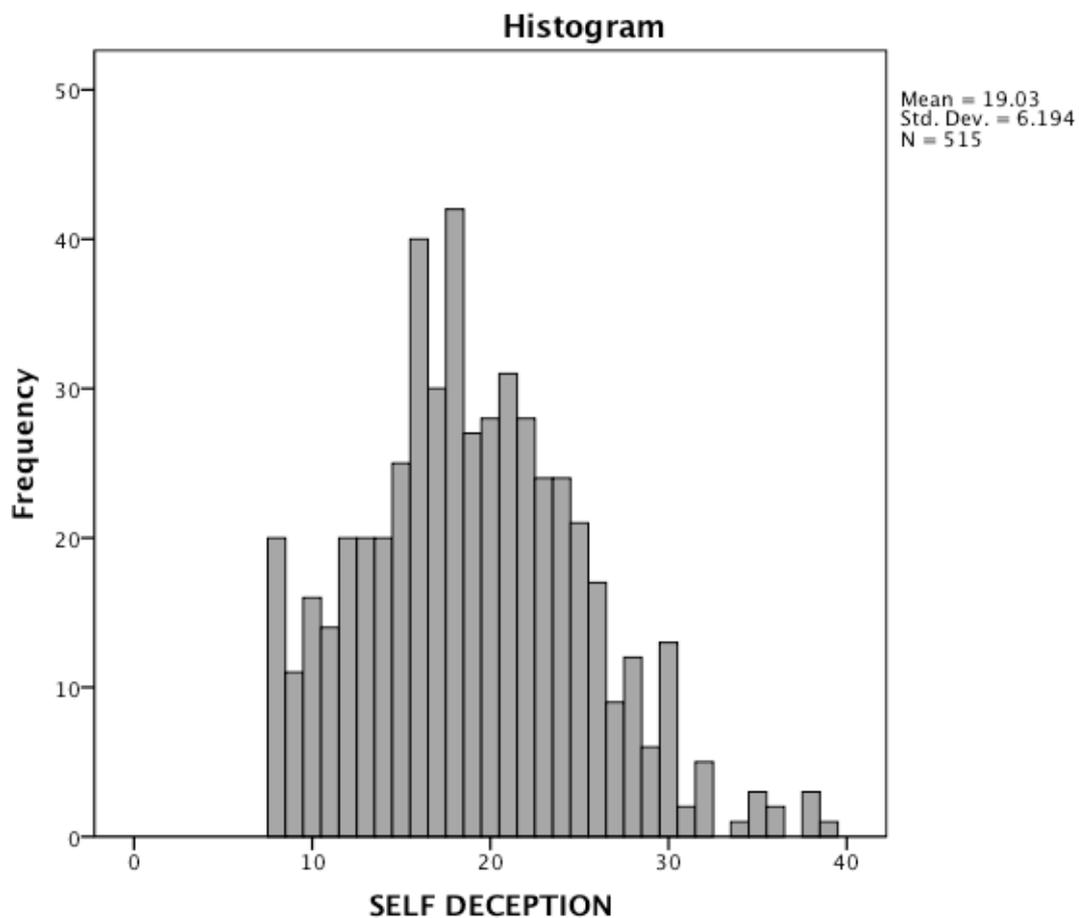Mean = 172.47
Std. Dev. = 16.328
N = 500

Self-Deception

The scale of Self-Deception was based on Paulhus' (1984) work and developed by Wicherts (2002). The scale consists of eight items that were scored on a 5-point Likert scale. Alpha reliability in the current sample is .849. This scale was computer-administered in half of the sample and administered with paper-and-pencil in the other half. Differences between administration formats were trivial. Missing answers on items (<.5%) were filled in with the model category in the sample.

Descriptive Statistics

	N	Skewness		Kurtosis	
	Statistic	Statistic	Std. Error	Statistic	Std. Error
SELF DECEPTION	515	.382	.108	.011	.215
Valid N (listwise)	515				

Histogram

Mean = 19.03
Std. Dev. = 6.194
N = 515

Impression Management

The scale of Impression Management was based on Paulhus' (1984) work and developed by Wicherts (2002). The scale consists of eight items that were scored on a 5-point Likert scale. Alpha reliability in the current sample is .650. This scale was computer-administered in half of the sample and administered with paper-and-pencil in the other half. Differences between administration formats were trivial. Missing answers on items (<.5%) were filled in with the model category in the sample.

Descriptive Statistics

	N	Skewness		Kurtosis	
	Statistic	Statistic	Std. Error	Statistic	Std. Error
IMPRESSION MANAGEMENT	515	.063	.108	-.153	.215
Valid N (listwise)	515				

Histogram

Mean = 23.86
Std. Dev. = 4.556
N = 515