

General Reasoning Test (GRT2)

Norm Group: South Africans, Tshivenda Speaking, Updated 2016

Sample Composition

The sample consisted of South Africans with Tshivenda as home language, tested by Psytech SA and collaborators in the period up to June 2015, via GeneSys for Windows. Since not all respondents completed the whole General Reasoning Test battery (GRT2), biographical information is reported separately for the different subtests.

Sample Composition: General Abstract Reasoning Test

Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
M	94	94	58,02469	58,0247
F	66	160	40,74074	98,7654
U	2	162	1,23457	100,0000
Missing	0	162	0,00000	100,0000

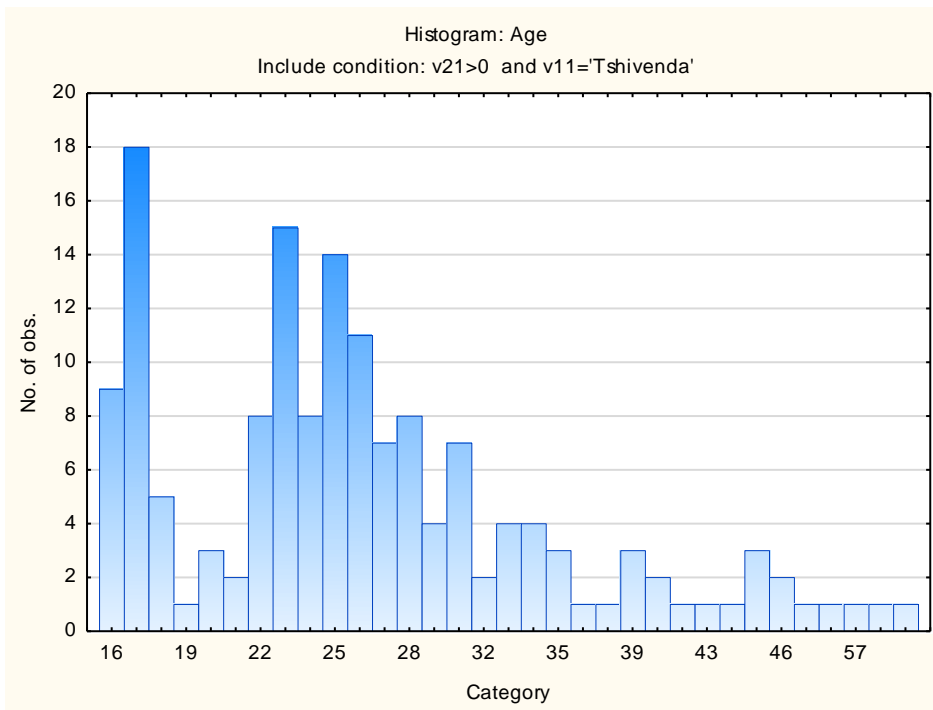
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Grade 12	48	48	29,62963	29,6296
Post Graduate	6	54	3,70370	33,3333
Unknown	1	55	0,61728	33,9506
Tertiary	46	101	28,39506	62,3457
< Matric	30	131	18,51852	80,8642
Missing	31	162	19,13580	100,0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
Tshivenda	162	162	100,0000	100,0000
Missing	0	162	0,0000	100,0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Indigenous	162	162	100,0000	100,0000
Missing	0	162	0,0000	100,0000

Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
African	160	160	98,76543	98,7654
Asian	2	162	1,23457	100,0000
Missing	0	162	0,00000	100,0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	26,75163	9,106303	16,00000	62,00000	153	9



Sample Composition: General Numerical Reasoning Test

Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
M	86	86	55,84416	55,8442
F	66	152	42,85714	98,7013
U	2	154	1,29870	100,0000
Missing	0	154	0,00000	100,0000

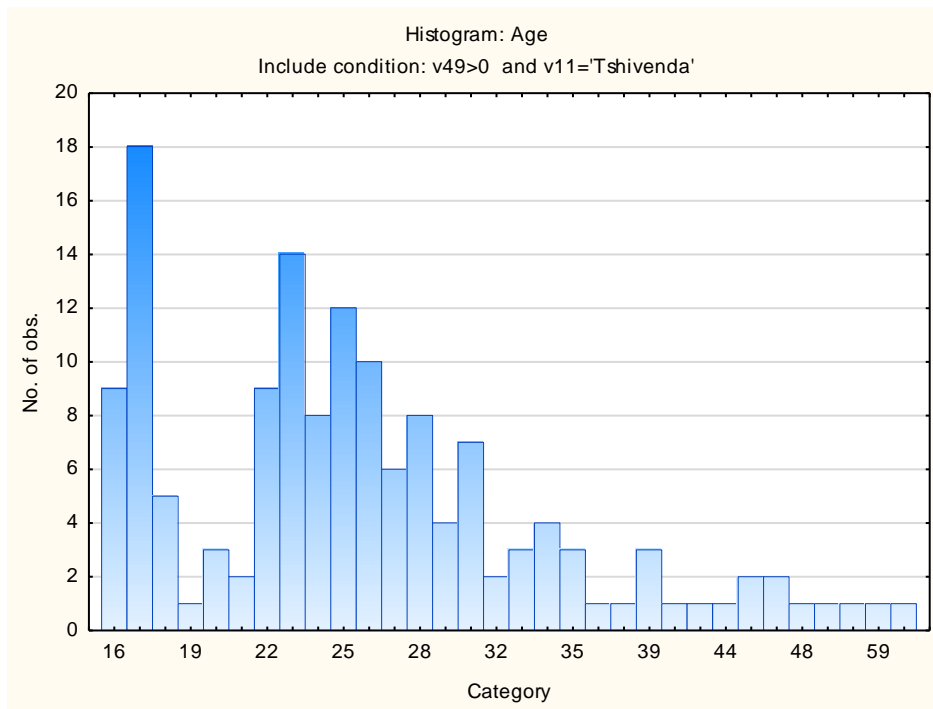
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Grade 12	47	47	30,51948	30,5195
Post Graduate	5	52	3,24675	33,7662
Unknown	1	53	0,64935	34,4156
Tertiary	41	94	26,62338	61,0390
< Matric	30	124	19,48052	80,5195
Missing	30	154	19,48052	100,0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
Tshivenda	154	154	100,0000	100,0000
Missing	0	154	0,0000	100,0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Indigenous	154	154	100,0000	100,0000
Missing	0	154	0,0000	100,0000

Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
African	152	152	98,70130	98,7013
Asian	2	154	1,29870	100,0000
Missing	0	154	0,00000	100,0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	26,40000	9,043414	16,00000	62,00000	145	9



Sample Composition: General Verbal Reasoning Test

Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
M	88	88	55,69620	55,6962
F	68	156	43,03797	98,7342
U	2	158	1,26582	100,0000
Missing	0	158	0,00000	100,0000

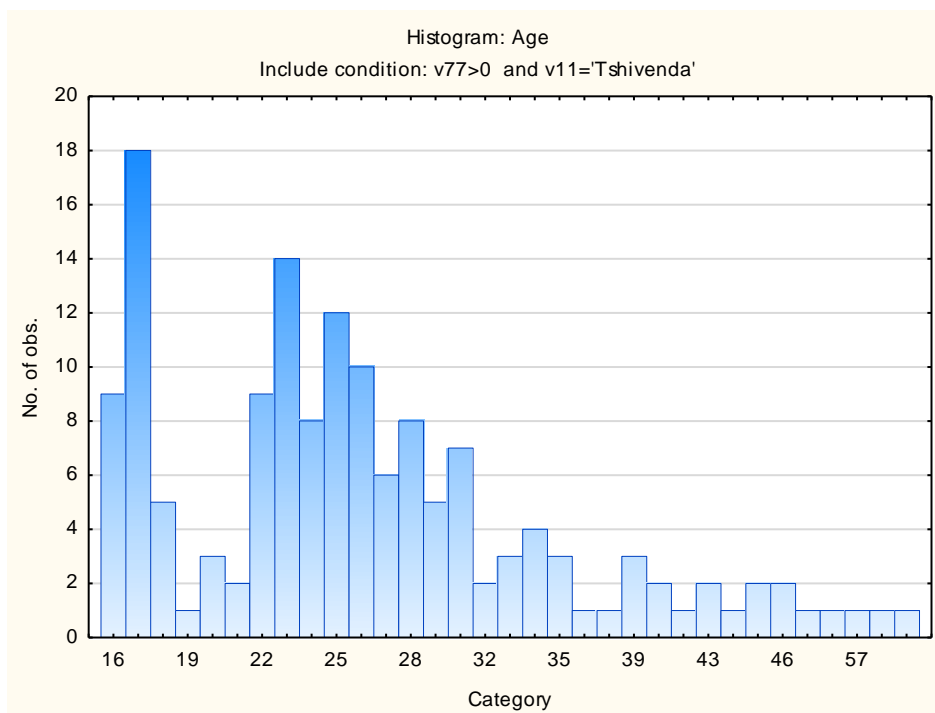
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Grade 12	47	47	29,74684	29,7468
Post Graduate	5	52	3,16456	32,9114
Unknown	1	53	0,63291	33,5443
Tertiary	45	98	28,48101	62,0253
< Matric	30	128	18,98734	81,0127
Missing	30	158	18,98734	100,0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
Tshivenda	158	158	100,0000	100,0000
Missing	0	158	0,0000	100,0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Indigenous	158	158	100,0000	100,0000
Missing	0	158	0,0000	100,0000

Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
African	156	156	98,73418	98,7342
Asian	2	158	1,26582	100,0000
Missing	0	158	0,00000	100,0000

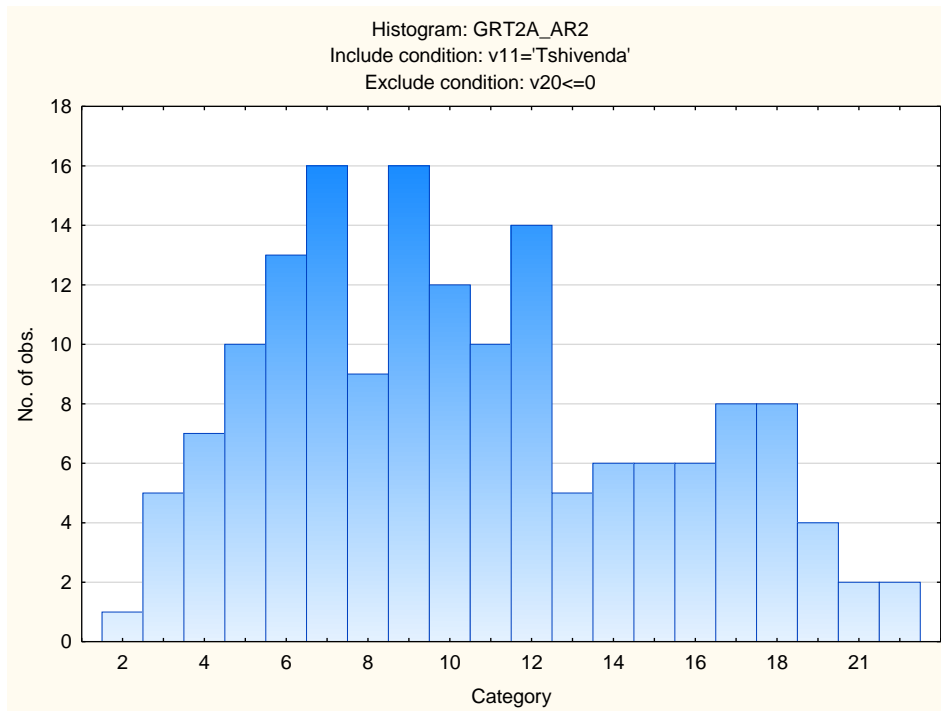
Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	26,73154	9,191382	16,00000	62,00000	149	9

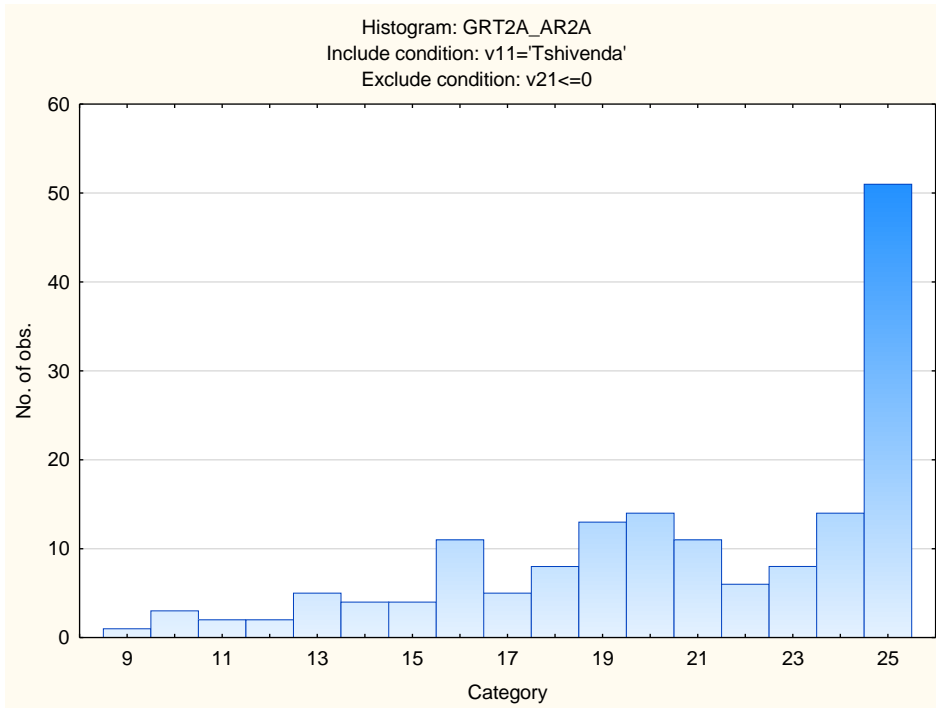


Descriptive Statistics and Frequency Distributions on General Reasoning Test Battery Subtests

General Abstract Reasoning Test

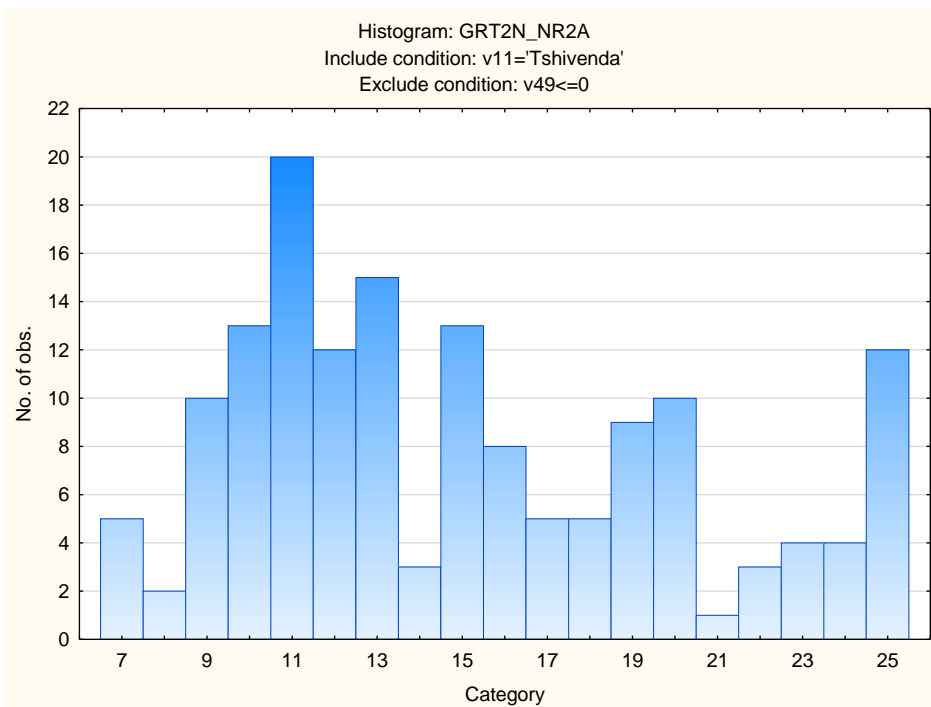
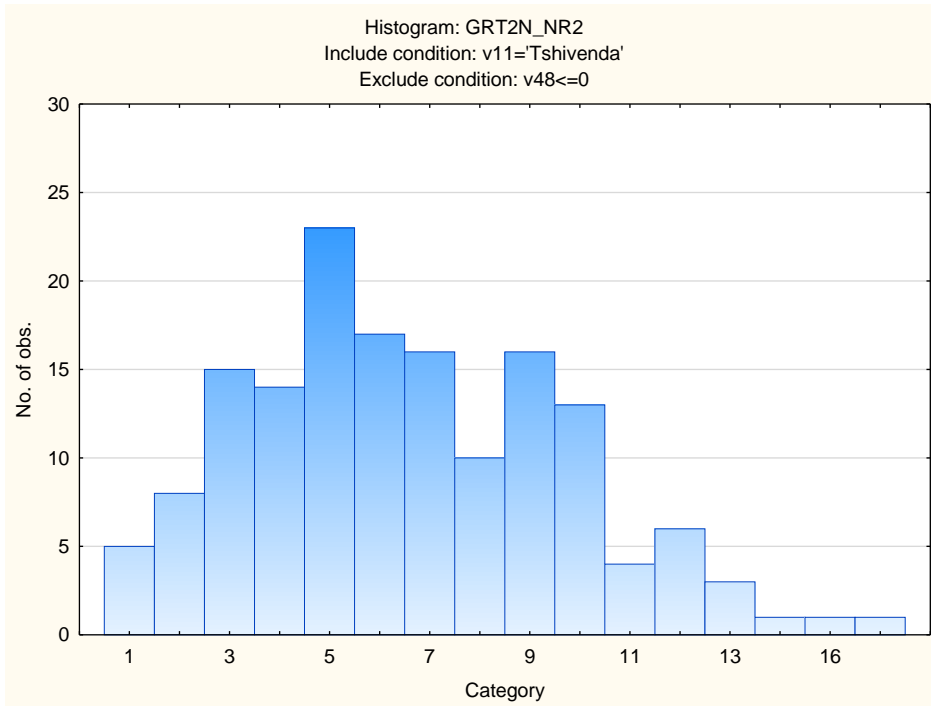
Variable	Descriptive Statistics					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
General Abstract Reasoning Test	10,34568	4,811117	0,000000	22,00000	162	0
General Abstract Reasoning Items attempted	20,71605	4,308693	9,000000	25,00000	162	0





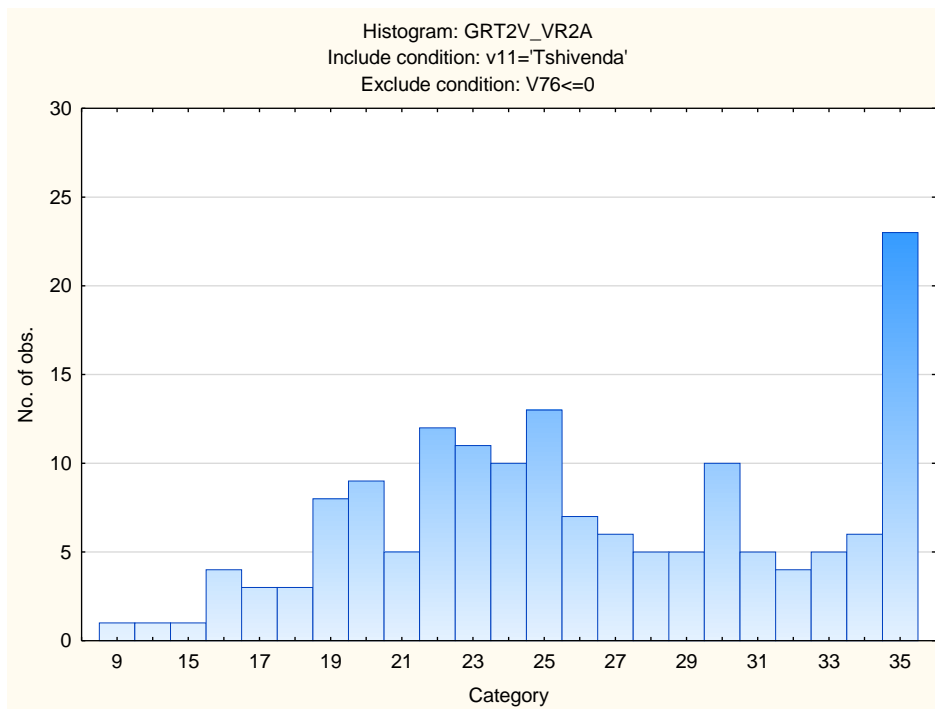
General Numerical Reasoning Test

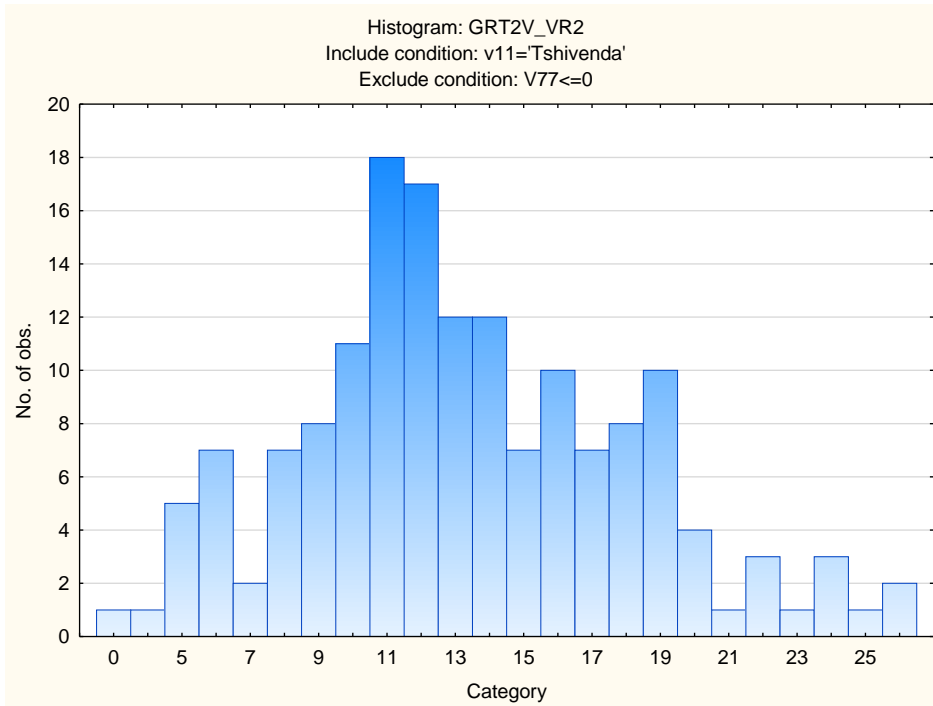
Variable	Descriptive Statistics					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
General Numerical Reasoning Test	6,56494	3,335147	0,000000	20,00000	154	0
General Numerical Reasoning Items Attempted	15,03896	5,128267	7,000000	25,00000	154	0



General Verbal Reasoning Test

Variable	Descriptive Statistics					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
General Verbal Reasoning Test	13,32911	4,860399	0,000000	26,00000	158	0
General Verbal Reasoning Items Attempted	26,09494	6,070486	9,000000	35,00000	158	0





General Observations about the Group

The number of missing cases indicates that not all respondents disclosed their biographical information. The graphs illustrate that most people attempted to answer all the items, thereby showing that respondents did not time out during the test.

Stanine Table

Scales	Stanine Groups								
	S9_1	S9_2	S9_3	S9_4	S9_5	S9_6	S9_7	S9_8	S9_9
General Abstract Reasoning	0-1	2-4	5-6	7-8	9-11	12-13	14-16	17-18	19-22
General Abstract Items Attempted	0-11	12-14	15-16	17-19	20-21	22-24	25-25		
General Numerical Reasoning	0-0	1-2	3-4	5-5	6-7	8-9	10-10	11-12	13-20
General Numerical Items Attempted	7-6	7-8	9-11	12-13	14-16	17-18	19-21	22-24	25-25
General Verbal Reasoning	0-4	5-7	8-9	10-12	13-14	15-16	17-19	20-21	22-26
General Verbal Items Attempted	9-15	16-18	19-21	22-24	25-27	28-30	31-33	34-35	