

General Reasoning Test (GRT2)

Norm Group: South Africans, Sesotho Speaking, Updated 2016

Sample Composition

The sample consisted of South Africans with Sesotho 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	607	607	65,55076	65,5508
F	315	922	34,01728	99,5680
U	4	926	0,43197	100,0000
Missing	0	926	0,00000	100,0000

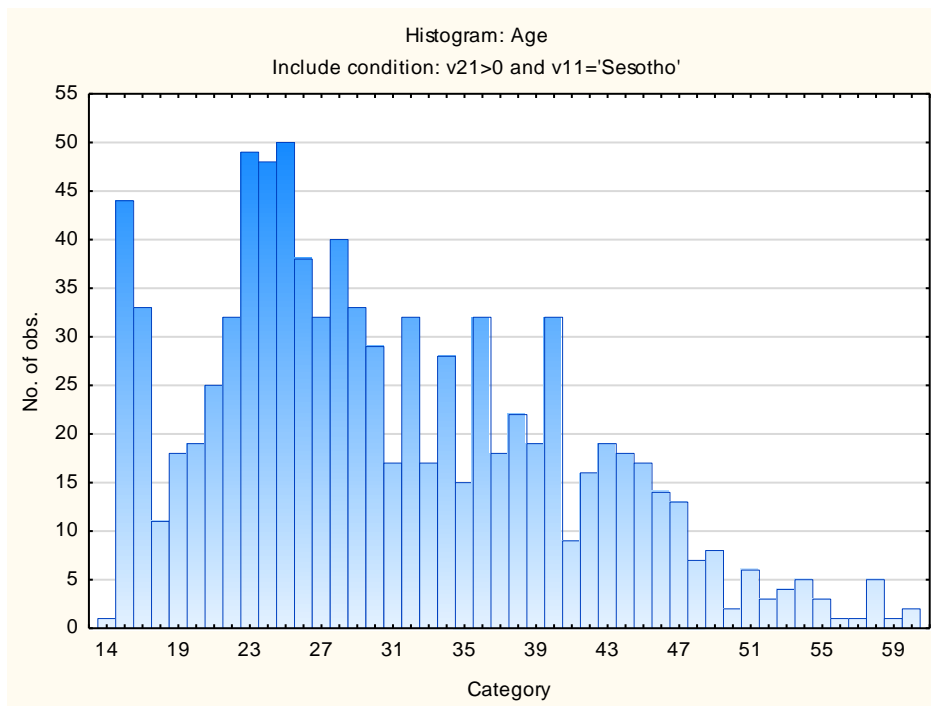
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Grade 12	357	357	38,55292	38,5529
Post Graduate	43	400	4,64363	43,1965
Unknown	3	403	0,32397	43,5205
Tertiary	232	635	25,05400	68,5745
< Matric	198	833	21,38229	89,9568
Missing	93	926	10,04320	100,0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
Sesotho	926	926	100,0000	100,0000
Missing	0	926	0,0000	100,0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Indigenous	926	926	100,0000	100,0000
Missing	0	926	0,0000	100,0000

Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
African	921	921	99,46004	99,4600
Asian	1	922	0,10799	99,5680
Coloured	2	924	0,21598	99,7840
European	1	925	0,10799	99,8920
Missing	1	926	0,10799	100,0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	30,64077	9,834390	14,00000	60,00000	888	38



Sample Composition: General Numerical Reasoning Test

Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
M	575	575	65,34091	65,3409
F	301	876	34,20455	99,5455
U	4	880	0,45455	100,0000
Missing	0	880	0,00000	100,0000

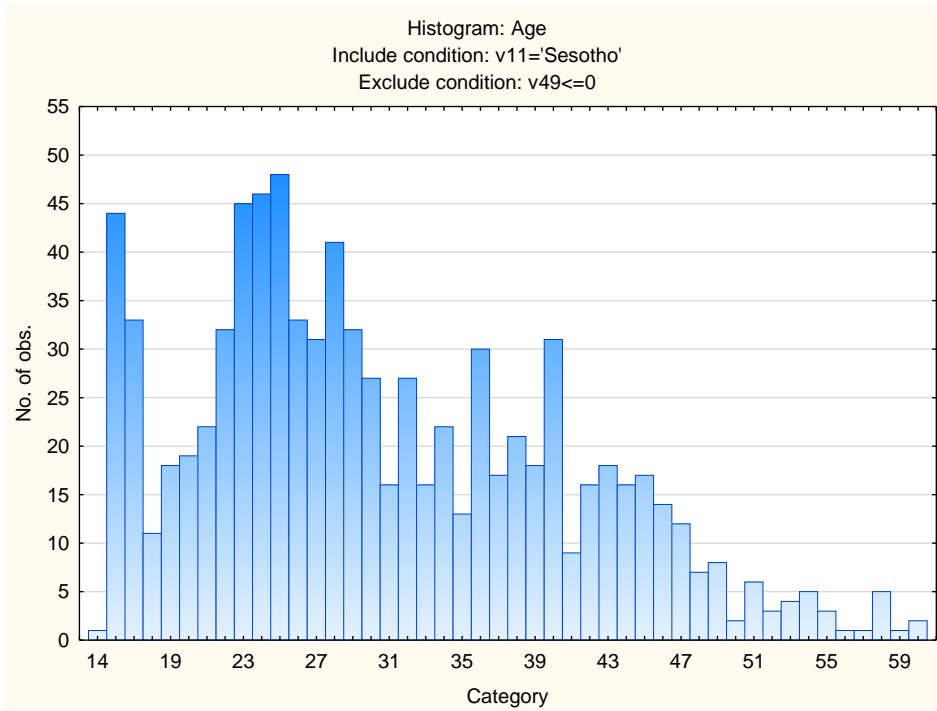
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Grade 12	347	347	39,43182	39,4318
Post Graduate	30	377	3,40909	42,8409
Unknown	3	380	0,34091	43,1818
Tertiary	210	590	23,86364	67,0455
< Matric	199	789	22,61364	89,6591
Missing	91	880	10,34091	100,0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
Sesotho	880	880	100,0000	100,0000
Missing	0	880	0,0000	100,0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Indigenous	880	880	100,0000	100,0000
Missing	0	880	0,0000	100,0000

Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
African	877	877	99,65909	99,6591
Coloured	2	879	0,22727	99,8864
Missing	1	880	0,11364	100,0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	30,61137	9,970094	14,00000	60,00000	844	36



Sample Composition: General Verbal Reasoning Test

Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
M	572	572	65,0000	65,0000
F	304	876	34,54545	99,5455
U	4	880	0,45455	100,0000
Missing	0	880	0,00000	100,0000

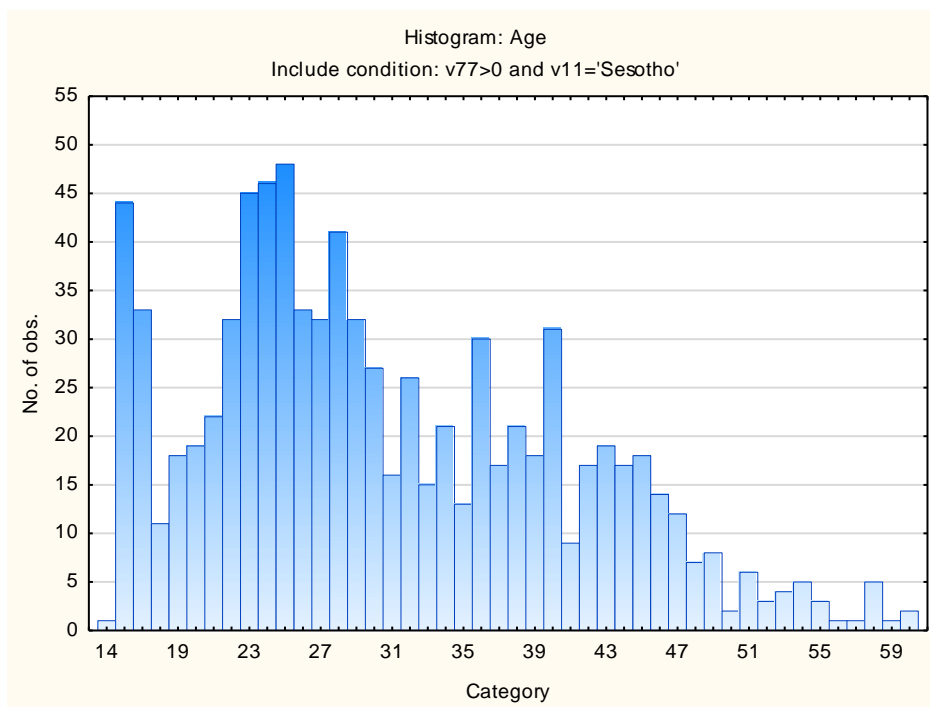
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Grade 12	346	346	39,31818	39,3182
Post Graduate	30	376	3,40909	42,7273
Unknown	3	379	0,34091	43,0682
Tertiary	213	592	24,20455	67,2727
< Matric	198	790	22,50000	89,7727
Missing	90	880	10,22727	100,0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
Sesotho	880	880	100,0000	100,0000
Missing	0	880	0,0000	100,0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Indigenous	880	880	100,0000	100,0000
Missing	0	880	0,0000	100,0000

Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
African	877	877	99,65909	99,6591
Coloured	2	879	0,22727	99,8864
Missing	1	880	0,11364	100,0000

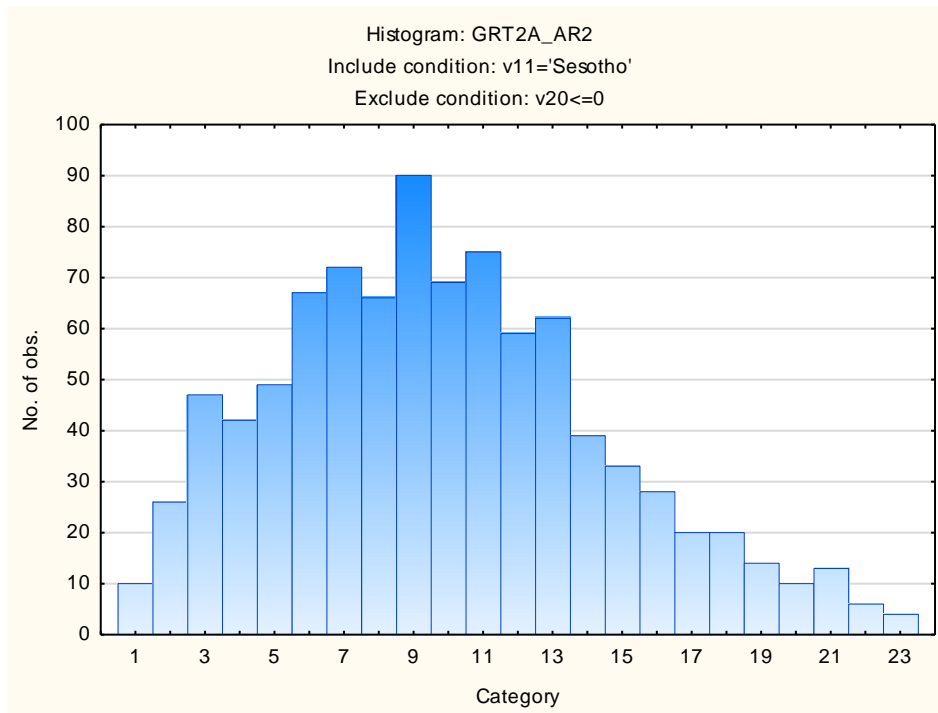
Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	30,65957	9,997512	14,00000	60,00000	846	34

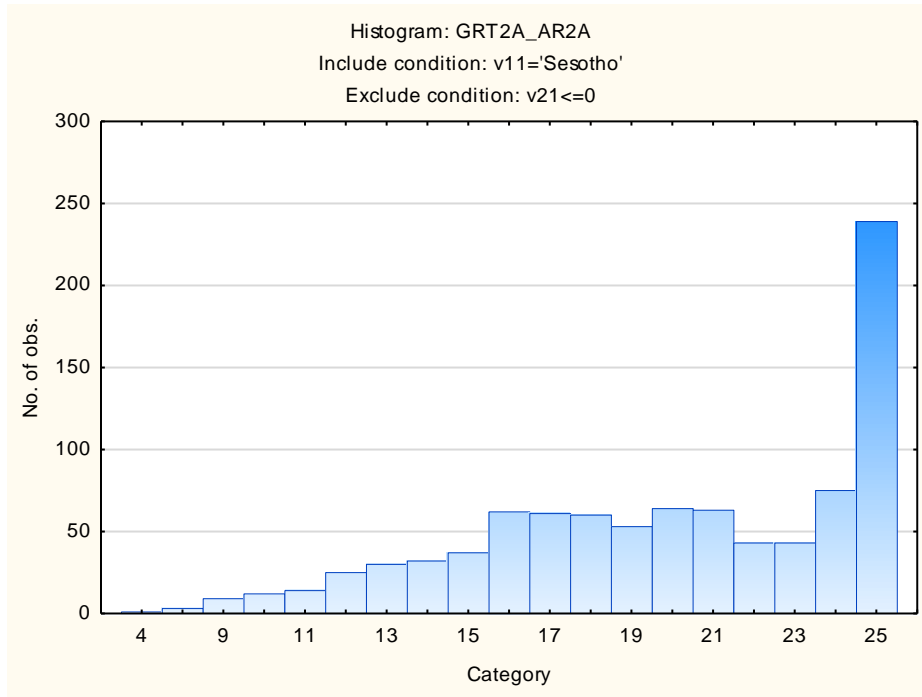


Descriptive Statistics and Frequency Distributions on General Reasoning Test Battery Subtests

General Abstract Reasoning Test

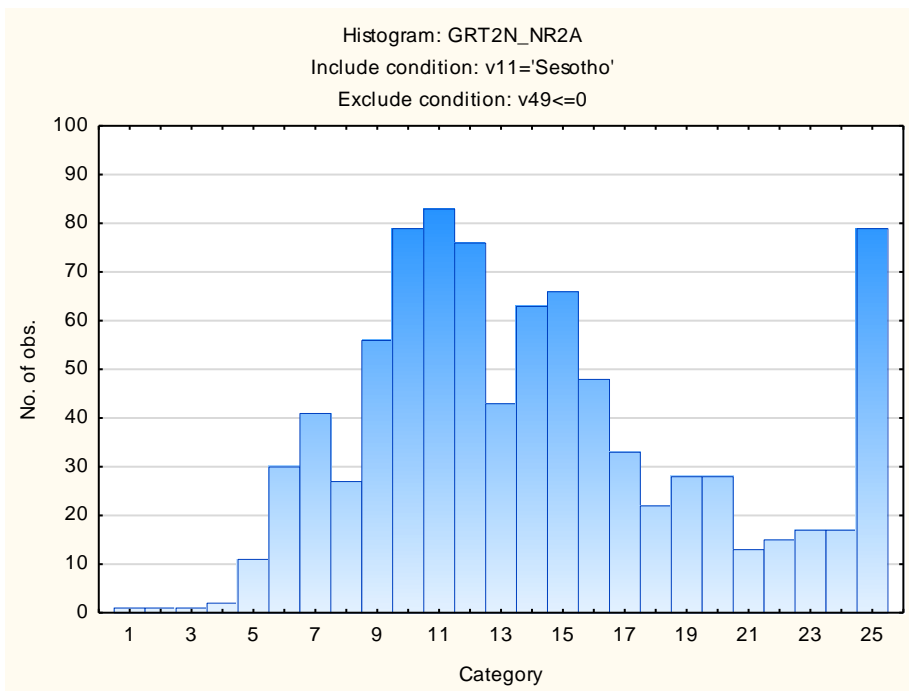
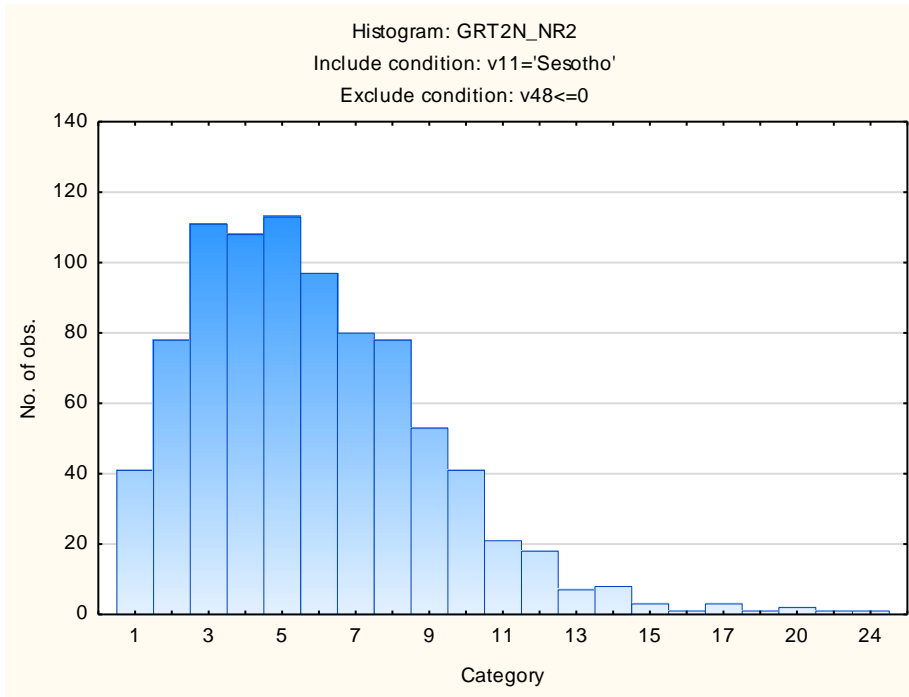
Variable	Descriptive Statistics					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
General Abstract Reasoning Test	9,76350	4,749874	0,000000	23,00000	926	0
General Abstract Reasoning Items attempted	19,98380	4,518880	4,000000	25,00000	926	0





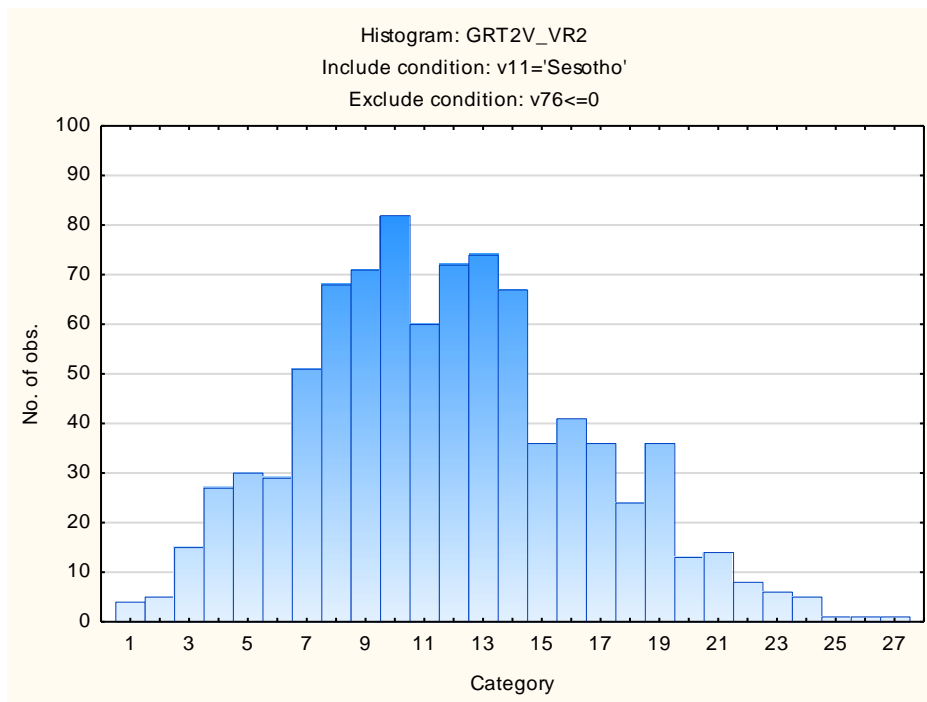
General Numerical Reasoning Test

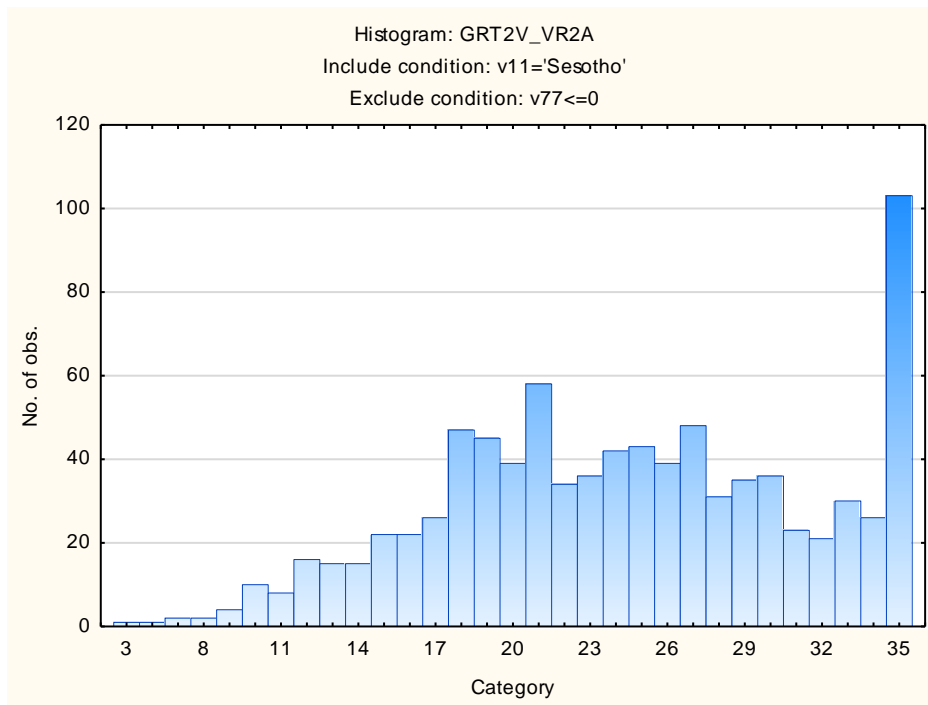
Variable	Descriptive Statistics					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
General Numerical Reasoning Test	5,73636	3,320710	0,000000	24,00000	880	0
General Numerical Reasoning Items Attempted	14,20000	5,541939	1,000000	25,00000	880	0



General Verbal Reasoning Test

Variable	Descriptive Statistics					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
General Verbal Reasoning Test	11,66477	4,748044	0,000000	27,00000	880	0
General Verbal Reasoning Items Attempted	24,40795	7,026728	3,000000	35,00000	880	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	2-3	4-6	7-8	9-10	11-13	14-15	16-18	19-23
General Abstract Items Attempted	0-11	12-13	14-16	17-18	19-21	22-23	24-25		
General Numerical Reasoning	0-1	0-1	2-3	4-4	5-6	7-8	9-9	10-11	12-24
General Numerical Items Attempted	0-4	5-7	8-9	10-12	13-15	16-18	19-21	22-23	24-25
General Verbal Reasoning	0-3	4-5	6-7	8-10	11-12	13-15	16-17	18-20	21-27
General Verbal Items Attempted	0-11	12-15	16-18	19-22	23-26	27-29	30-33	34-35	