

General Reasoning Test (GRT2)

Norm Group: South Africans, siSwati Speaking, Updated 2016

Sample Composition

The sample consisted of South Africans with siSwati 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	92	92	41,81818	41,8182
F	128	220	58,18182	100,0000
Missing	0	220	0,00000	100,0000

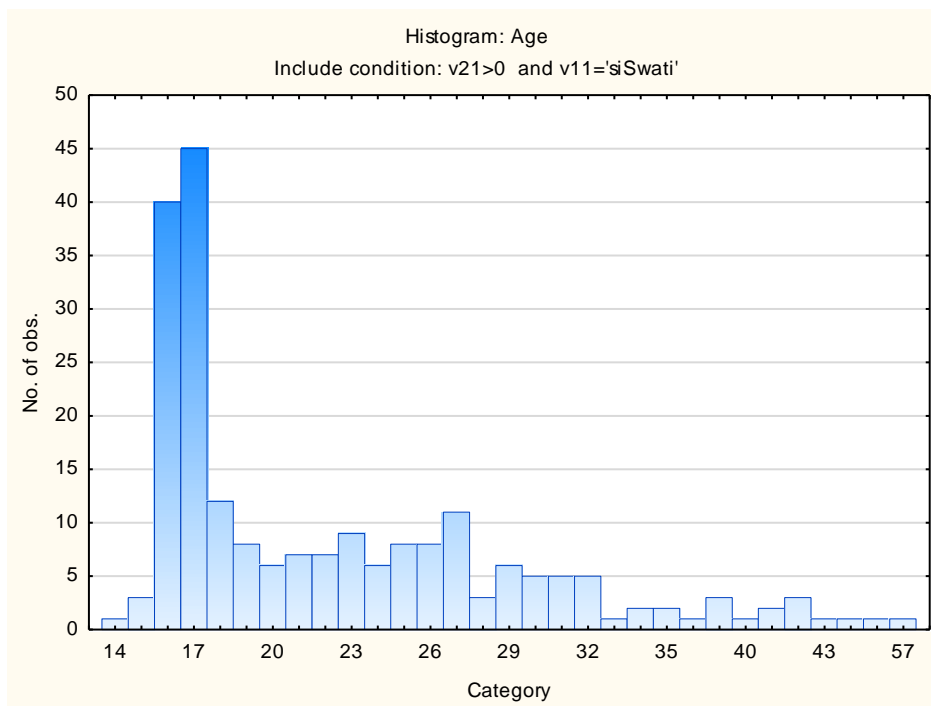
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Grade 12	58	58	26,36364	26,3636
Post Graduate	5	63	2,27273	28,6364
Unknown	3	66	1,36364	30,0000
Tertiary	37	103	16,81818	46,8182
< Matric	109	212	49,54545	96,3636
Missing	8	220	3,63636	100,0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
siSwati	220	220	100,0000	100,0000
Missing	0	220	0,0000	100,0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Indigenous	220	220	100,0000	100,0000
Missing	0	220	0,0000	100,0000

Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
African	218	218	99,09091	99,0909
Asian	1	219	0,45455	99,5455
European	1	220	0,45455	100,0000
Missing	0	220	0,00000	100,0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	22,44860	7,676234	14,00000	57,00000	214	6



Sample Composition: General Numerical Reasoning Test

Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
M	86	86	40,56604	40,5660
F	126	212	59,43396	100,0000
Missing	0	212	0,00000	100,0000

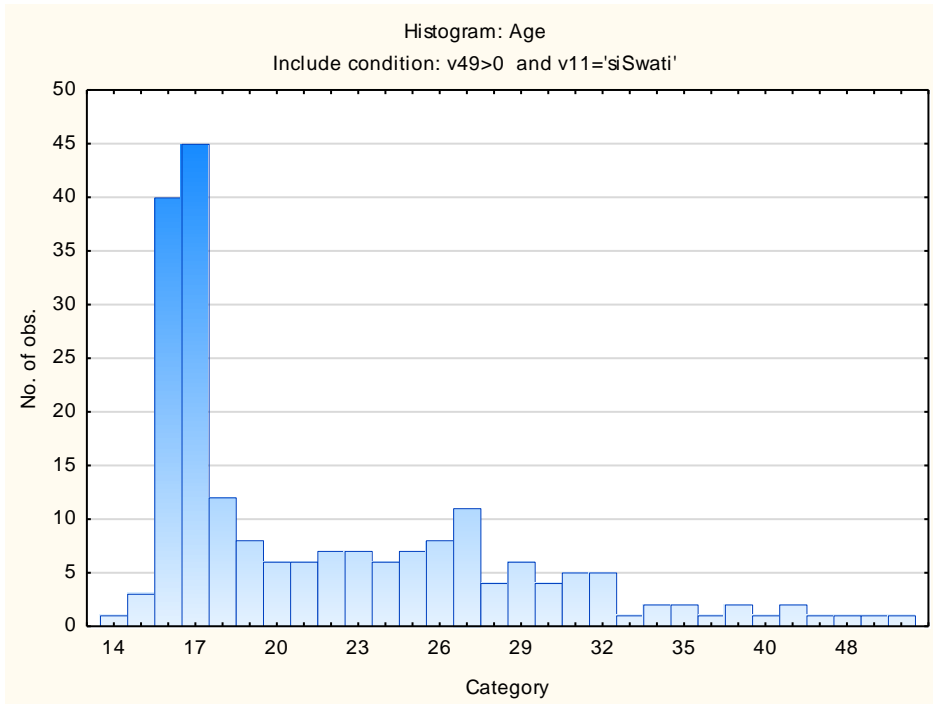
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Grade 12	57	57	26,88679	26,8868
Post Graduate	3	60	1,41509	28,3019
Unknown	3	63	1,41509	29,7170
Tertiary	32	95	15,09434	44,8113
< Matric	109	204	51,41509	96,2264
Missin	8	212	3,77358	100,0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
siSwati	212	212	100,0000	100,0000
Missing	0	212	0,0000	100,0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Indigenous	212	212	100,0000	100,0000
Missing	0	212	0,0000	100,0000

Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
African	212	212	100,0000	100,0000
Missing	0	212	0,0000	100,0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	22,07767	7,383157	14,00000	57,00000	206	6



Sample Composition: General Verbal Reasoning Test

Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
M	86	86	40,18692	40,1869
F	128	214	59,81308	100,0000
Missing	0	214	0,00000	100,0000

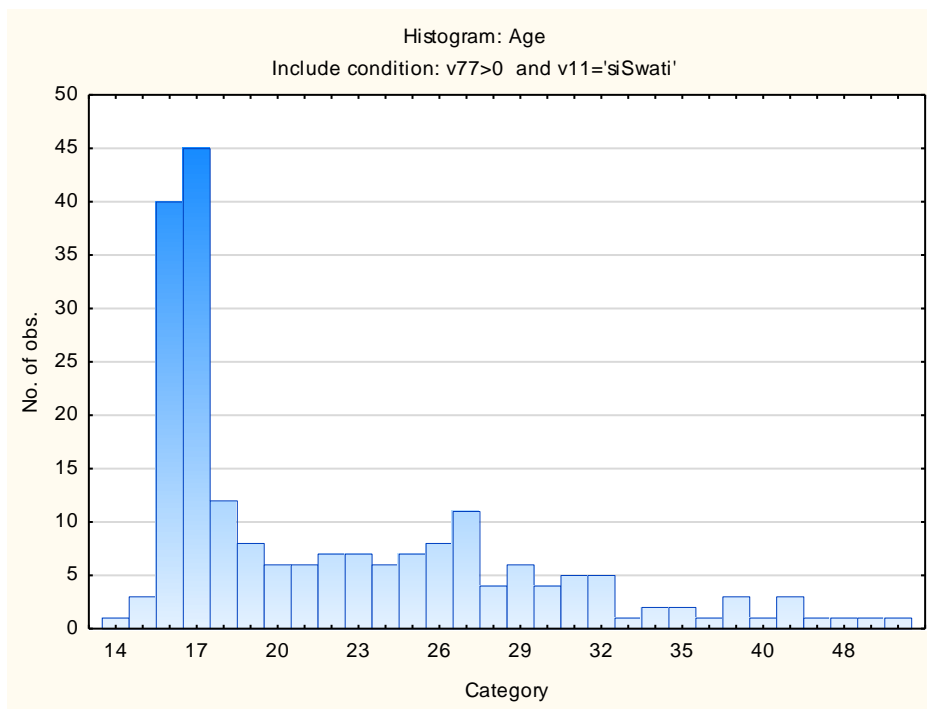
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Grade 12	57	57	26,63551	26,6355
Post Graduate	3	60	1,40187	28,0374
Unknown	3	63	1,40187	29,4393
Tertiary	34	97	15,88785	45,3271
< Matric	109	206	50,93458	96,2617
Missing	8	214	3,73832	100,0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
siSwati	214	214	100,0000	100,0000
Missing	0	214	0,0000	100,0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Indigenous	214	214	100,0000	100,0000
Missing	0	214	0,0000	100,0000

Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
African	214	214	100,0000	100,0000
Missing	0	214	0,0000	100,0000

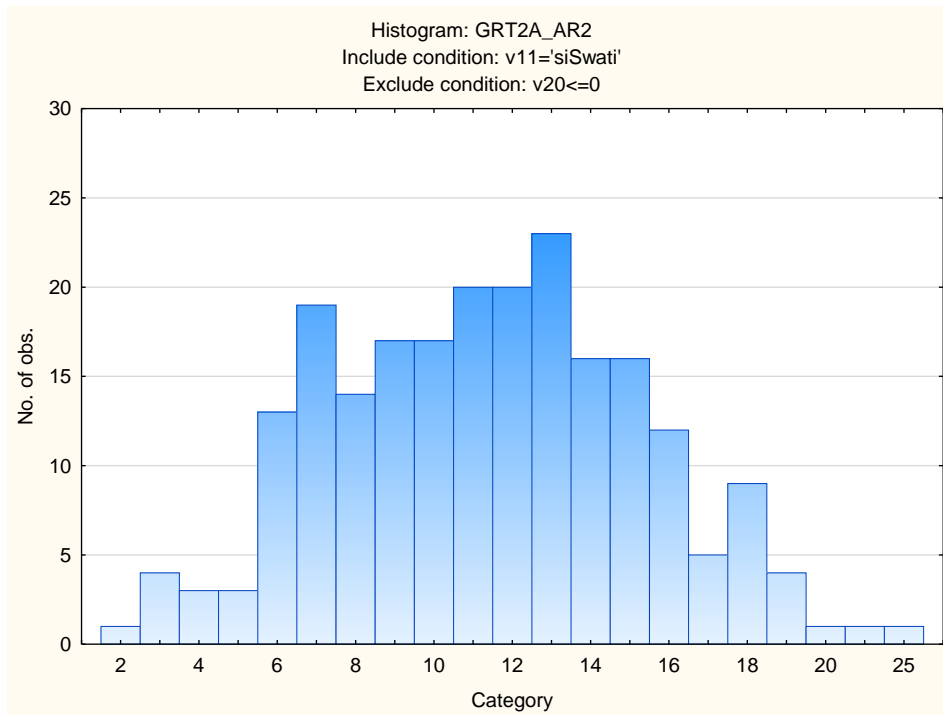
Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	22,25000	7,556230	14,00000	57,00000	208	6

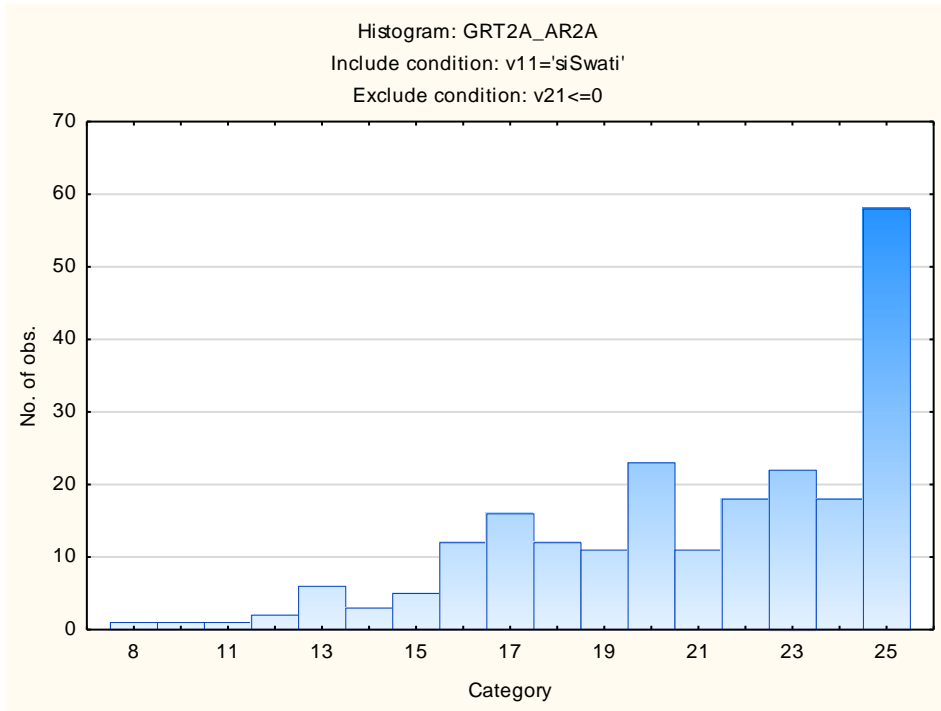


Descriptive Statistics and Frequency Distributions On General Reasoning Test Battery Subtests

General Abstract Reasoning Test

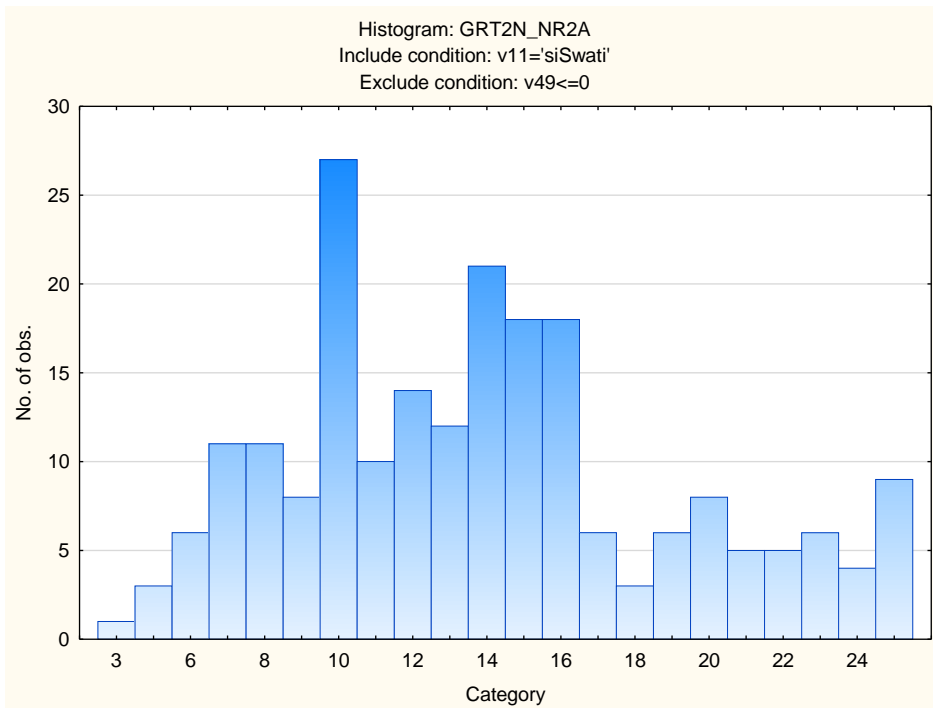
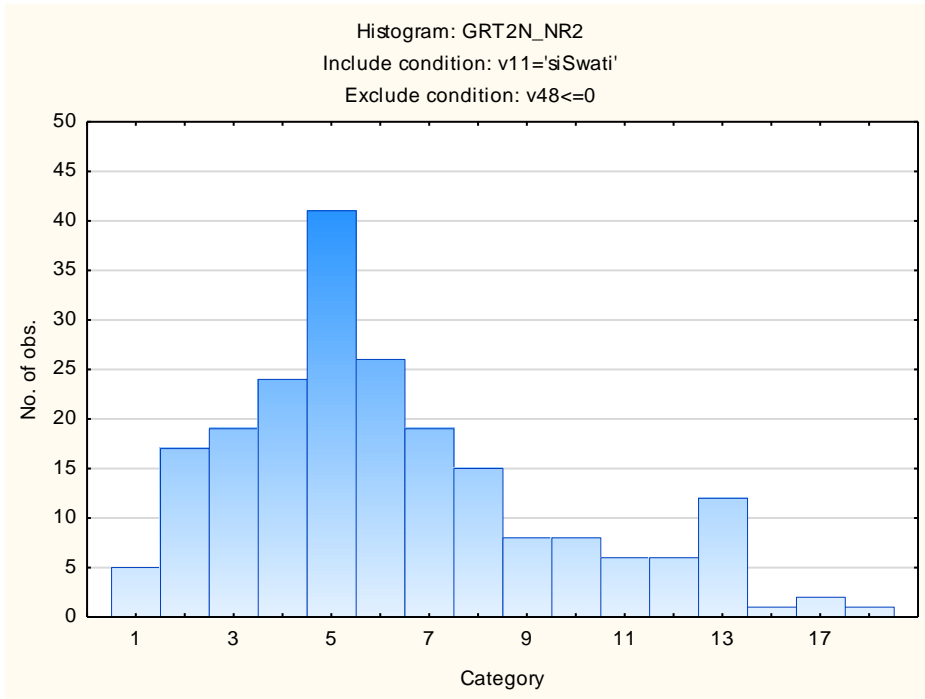
Variable	Descriptive Statistics					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
General Abstract Reasoning Test	11,33636	4,089808	0,000000	25,00000	220	0
General Abstract Reasoning Items attempted	20,96364	3,816396	8,000000	25,00000	220	0





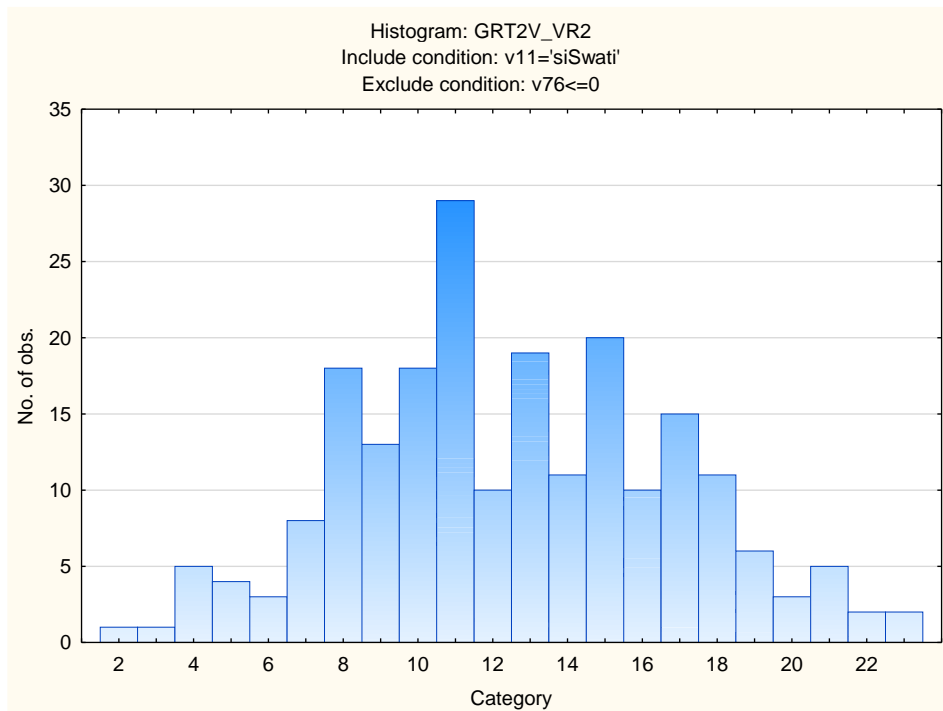
General Numerical Reasoning Test

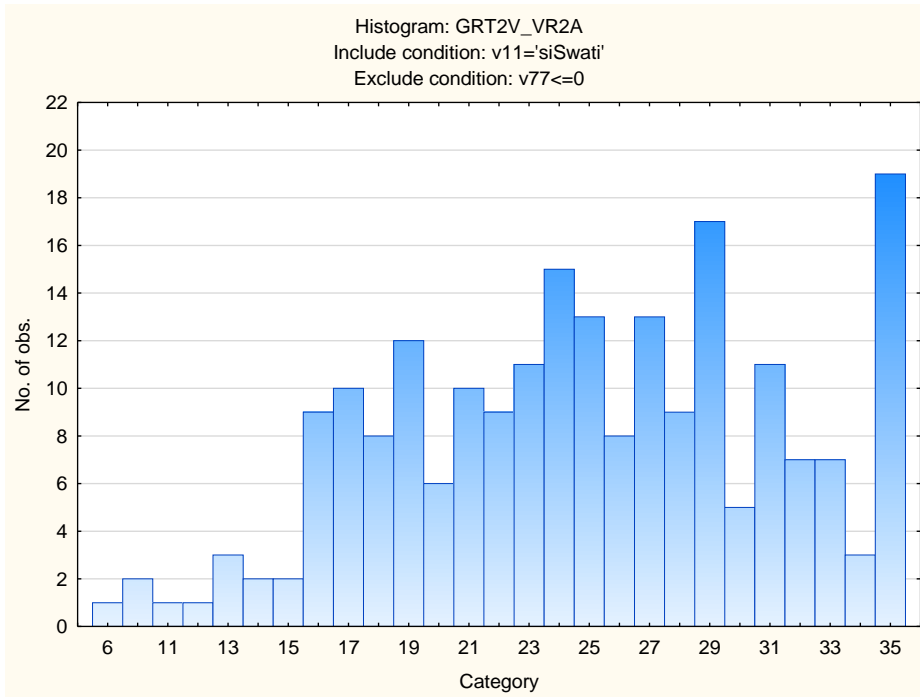
Variable	Descriptive Statistics					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
General Numerical Reasoning Test	6,22170	3,419057	0,000000	18,00000	212	0
General Numerical Reasoning Items Attempted	13,91981	5,170843	3,000000	25,00000	212	0



General Verbal Reasoning Test

Variable	Descriptive Statistics					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
General Verbal Reasoning Test	12,55140	4,359941	2,000000	25,00000	214	0
General Verbal Reasoning Items Attempted	24,83645	6,337635	6,000000	35,00000	214	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	0-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-25
General Abstract Items Attempted	8-14	15-16	17-18	19-20	21-21	22-23	24-25		
General Numerical Reasoning	0-0	1-1	2-3	4-5	6-7	8-8	9-10	11-12	13-18
General Numerical Items Attempted	3-4	5-7	8-10	11-12	13-15	16-17	18-20	21-22	23-25
General Verbal Reasoning	2-4	5-7	8-9	10-11	12-13	14-15	16-18	19-20	21-25
General Verbal Items Attempted	6-13	14-16	17-20	21-23	24-26	27-29	30-32	33-35	