

General Reasoning Test Battery Norm Group: South Africans, race European, updated 2011

Characteristics of the sample

The sample consisted of South Africans of European race, tested by Psytech SA and collaborators in the period up to February 2011. Biographical particulars are reported separately for the different subtests of the GRT2, since not all respondents completed the entire battery.

Biographical Characteristics: respondents who completed the Verbal Reasoning Test

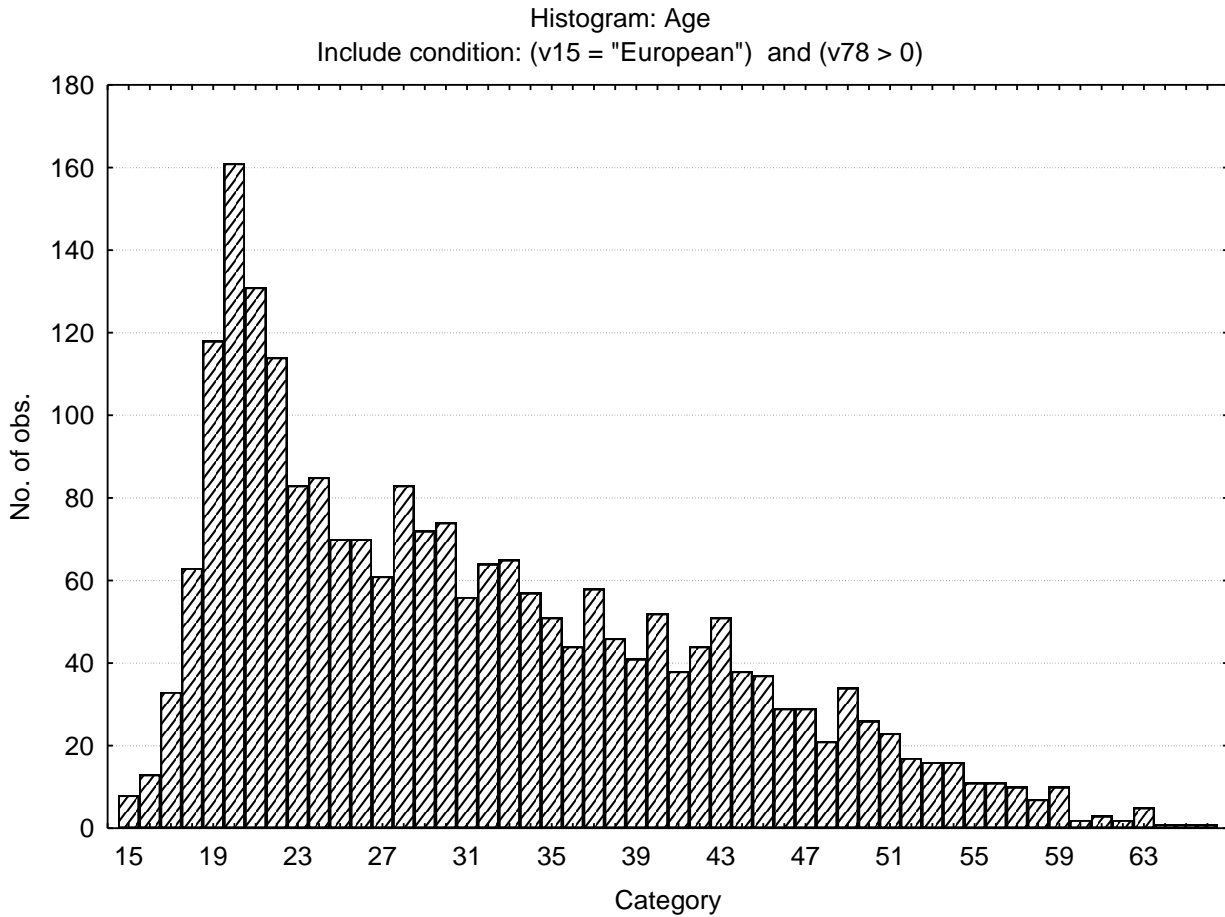
Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
F	837	837	36.53426	36.5343
M	1447	2284	63.16019	99.6945
Missing	7	2291	0.30554	100.0000

Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Technikon	302	302	13.18202	13.1820
Grade 12	1033	1335	45.08948	58.2715
University Diploma	88	1423	3.84112	62.1126
Degree	179	1602	7.81318	69.9258
Vocational Training	66	1668	2.88084	72.8066
Grade 10 or 11	132	1800	5.76168	78.5683
Grade 8	2	1802	0.08730	78.6556
Grade 9	6	1808	0.26189	78.9175
Post Graduate	89	1897	3.88477	82.8023
Missing	394	2291	17.19773	100.0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
isiZulu	2	2	0.08730	0.0873
English	870	872	37.97468	38.0620
Afrikaans	1305	2177	56.96203	95.0240
Setswana	1	2178	0.04365	95.0677
Sesotho	1	2179	0.04365	95.1113
Sepedi	3	2182	0.13095	95.2423
isiXhosa	5	2187	0.21825	95.4605
Missing	104	2291	4.53950	100.0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
English	870	870	37.97468	37.9747
Afrikaans	1305	2175	56.96203	94.9367
Indigenous	12	2187	0.52379	95.4605
Missing	104	2291	4.53950	100.0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	31.23316	10.79142	15.00000	71.00000	2256	35



Biographical characteristics: respondents who completed the Numerical Reasoning Test

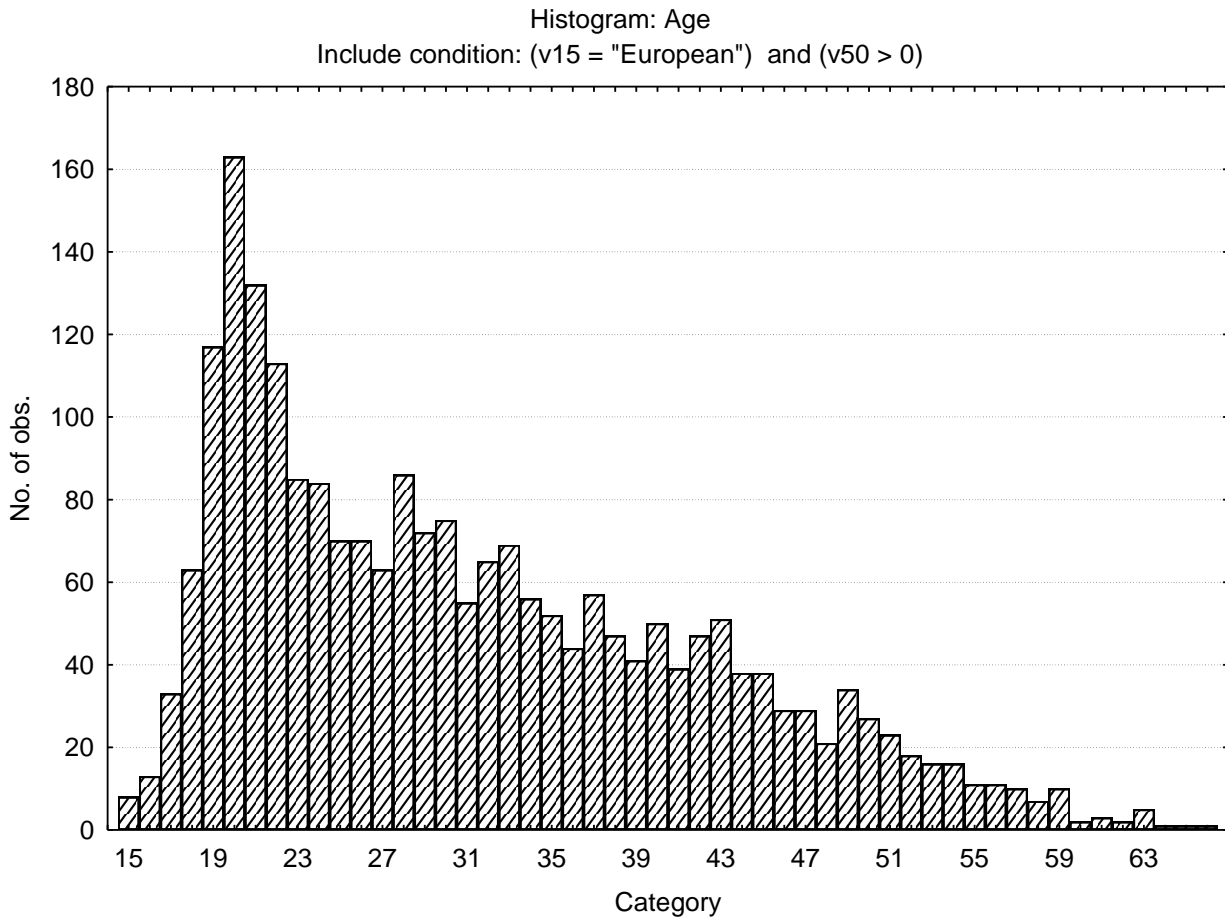
Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
F	842	842	36.48180	36.4818
M	1459	2301	63.21490	99.6967
Missing	7	2308	0.30329	100.0000

Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Technikon	302	302	13.08492	13.0849
Grade 12	1045	1347	45.27730	58.3622
University Diploma	89	1436	3.85615	62.2184
Degree	178	1614	7.71231	69.9307
Vocational Training	66	1680	2.85962	72.7903
Grade 10 or 11	133	1813	5.76256	78.5529
Grade 8	2	1815	0.08666	78.6395
Grade 9	6	1821	0.25997	78.8995
Post Graduate	86	1907	3.72617	82.6256
Missing	401	2308	17.37435	100.0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
isiZulu	2	2	0.08666	0.0867
English	879	881	38.08492	38.1716
Afrikaans	1308	2189	56.67244	94.8440
Setswana	1	2190	0.04333	94.8873
Sesotho	1	2191	0.04333	94.9307
Sepedi	3	2194	0.12998	95.0607
isiXhosa	5	2199	0.21664	95.2773
Missing	109	2308	4.72270	100.0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
English	879	879	38.08492	38.0849
Afrikaans	1308	2187	56.67244	94.7574
Indigenous	12	2199	0.51993	95.2773
Missing	109	2308	4.72270	100.0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	31.25429	10.78301	15.00000	71.00000	2273	35



Biographical characteristics: Respondents who completed the Abstract Reasoning Test

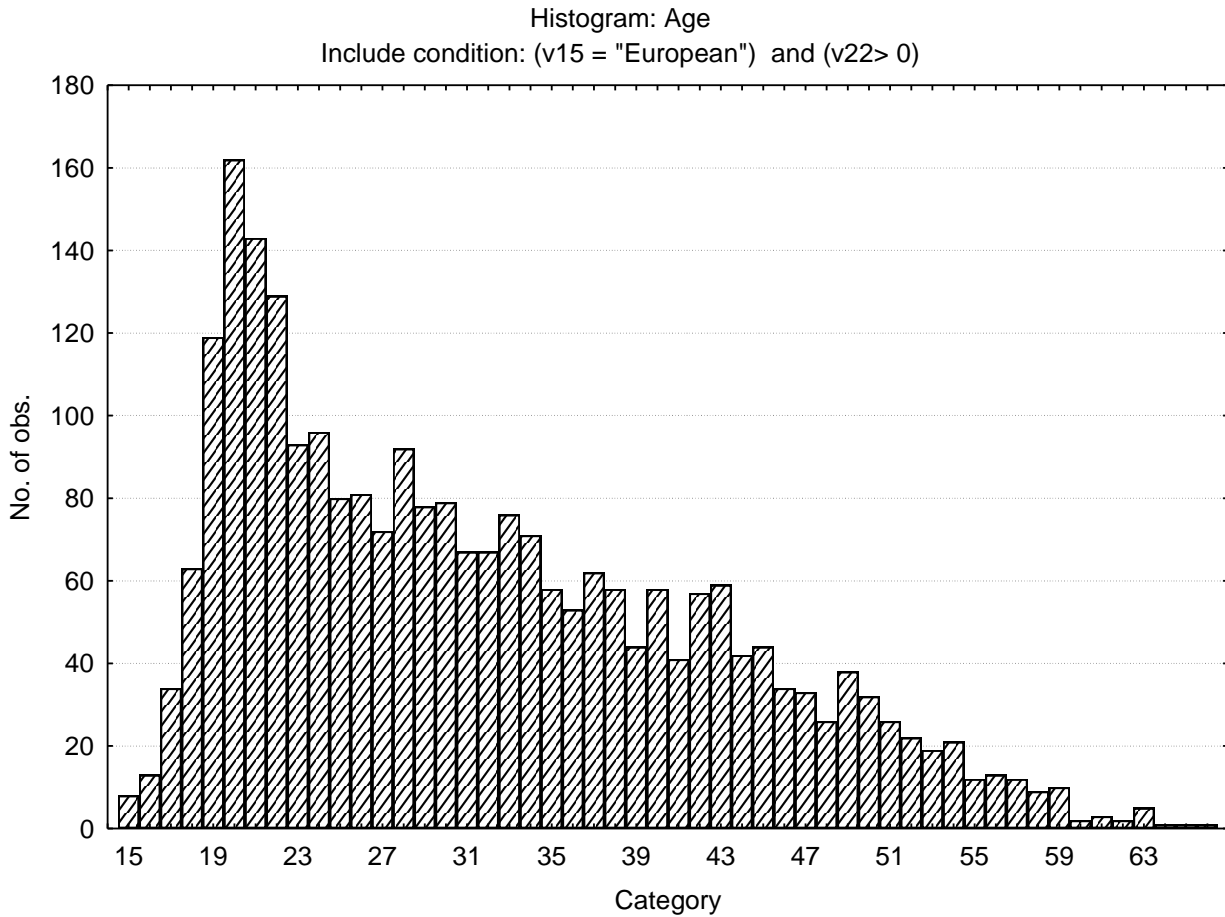
Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
F	892	892	34.73520	34.7352
M	1668	2560	64.95327	99.6885
Missing	8	2568	0.31153	100.0000

Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Technikon	346	346	13.47352	13.4735
Grade 12	1107	1453	43.10748	56.5810
University Diploma	99	1552	3.85514	60.4361
Degree	225	1777	8.76168	69.1978
Vocational Training	67	1844	2.60903	71.8069
Grade 10 or 11	142	1986	5.52960	77.3364
Grade 8	2	1988	0.07788	77.4143
Grade 9	7	1995	0.27259	77.6869
Post Graduate	132	2127	5.14019	82.8271
Missing	441	2568	17.17290	100.0000

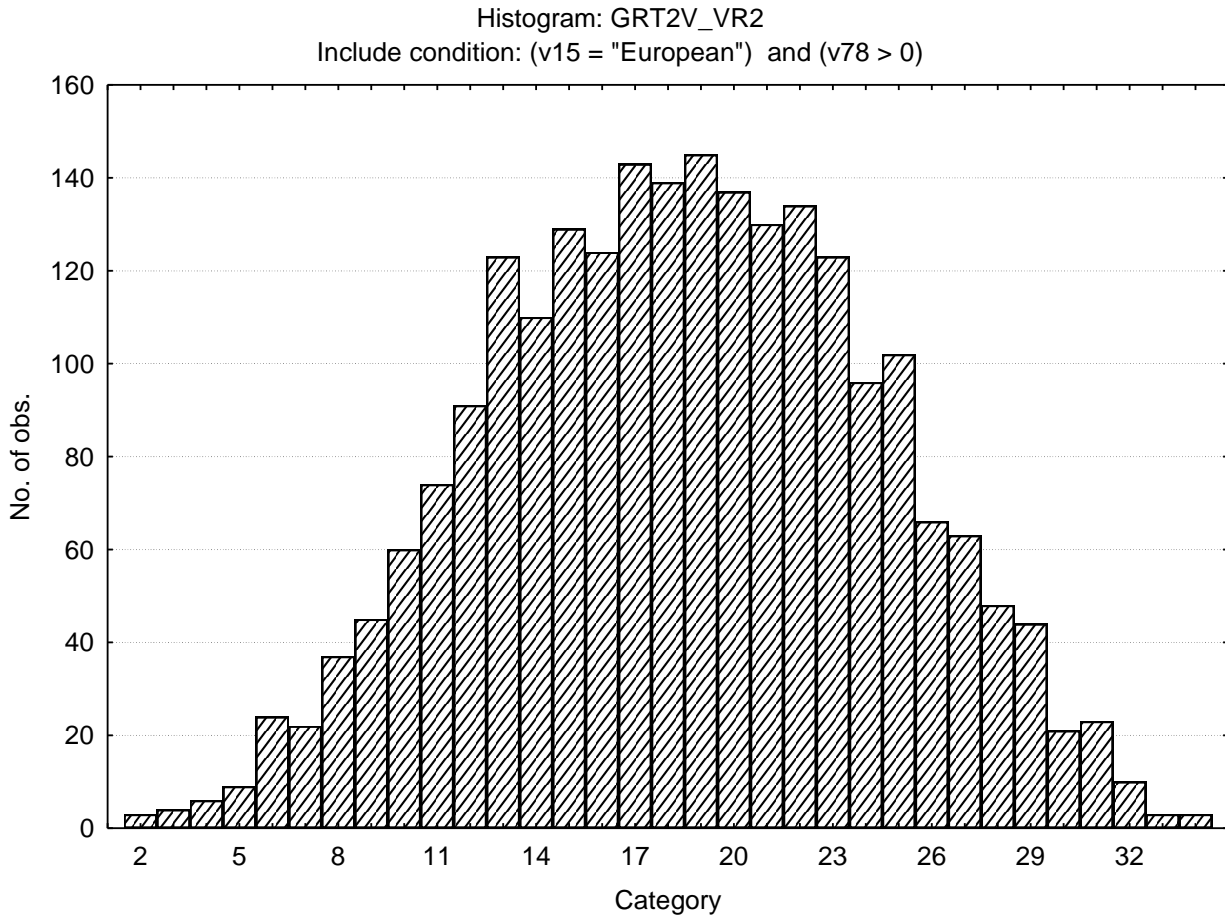
Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
isiZulu	2	2	0.07788	0.0779
English	1061	1063	41.31620	41.3941
Afrikaans	1382	2445	53.81620	95.2103
Setswana	1	2446	0.03894	95.2492
Sesotho	2	2448	0.07788	95.3271
Sepedi	4	2452	0.15576	95.4829
siSwati	1	2453	0.03894	95.5218
isiXhosa	6	2459	0.23364	95.7555
Missing	109	2568	4.24455	100.0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
English	1061	1061	41.31620	41.3162
Afrikaans	1382	2443	53.81620	95.1324
Indigenous	16	2459	0.62305	95.7555
Missing	109	2568	4.24455	100.0000

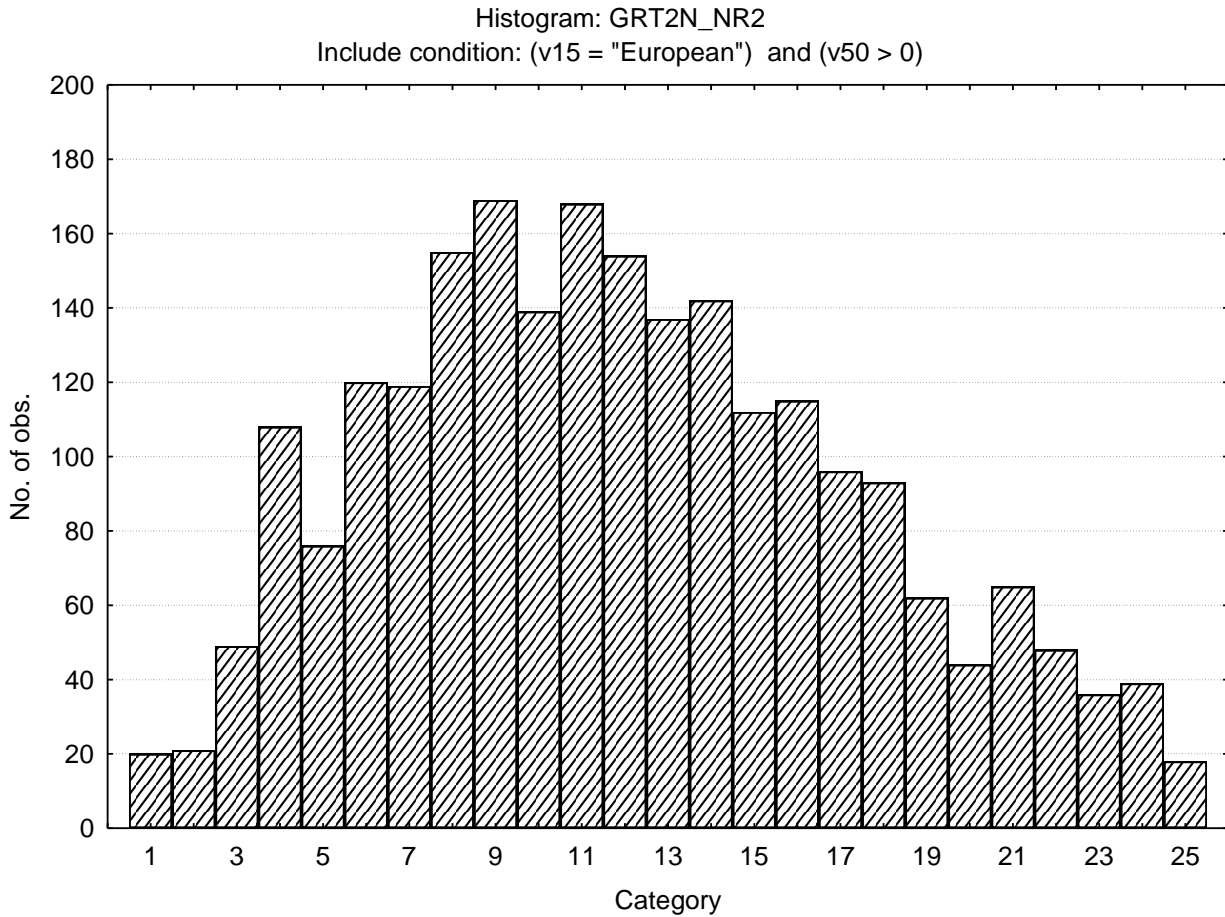
Variable	Descriptive Statistics : Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	31.61682	10.78160	15.00000	71.00000	2521	47



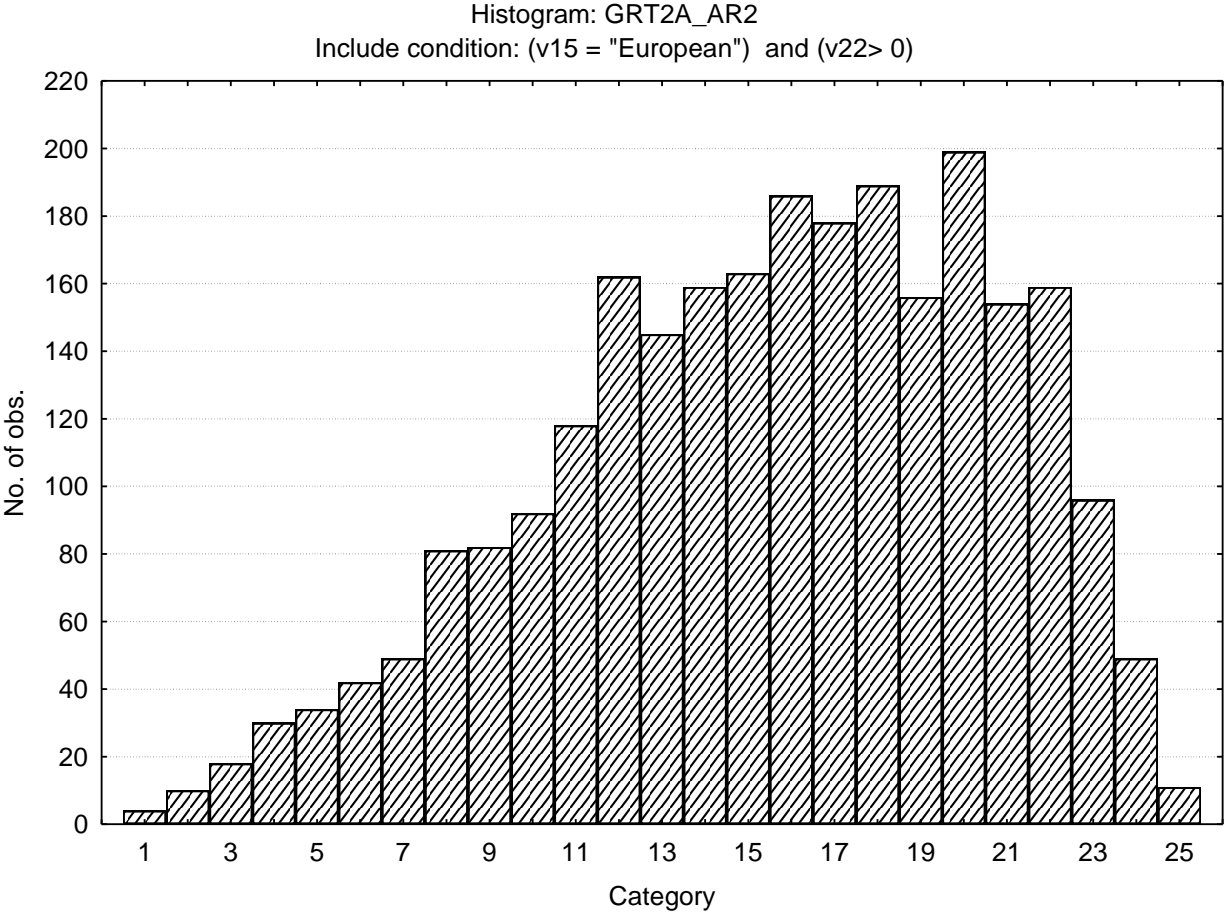
Variable	Descriptive Statistics : General Verbal Reasoning Test					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
General Verbal Reasoning	18.48101	5.909652	2.00000	34.00000	2291	0
Number of items attempted	29.27979	5.573787	10.00000	35.00000	2291	0



Variable	Descriptive Statistics: General Numerical Reasoning Test					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
General Numerical Reasoning	12.02126	5.487437	1.000000	25.00000	2305	3
Number of items attempted	17.56716	4.930404	1.000000	25.00000	2308	0



Variable	Descriptive Statistics : General Abstract Reasoning Test					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
General Abstract Reasoning Test	15.51286	5.068078	1.000000	25.00000	2566	2
Number of items attempted	22.39369	3.616554	4.000000	25.00000	2568	0



Stanine table

	S9_1	S9_2	S9_3	S9_4	S9_5	S9_6	S9_7	S9_8	S9_9
General Verbal Reasoning	2-8	9-11	12-14	15-17	18-19	20-22	23-25	26-28	29-34
General Verbal Items Attempted	10-19	20-22	23-25	26-27	28-30	31-33	34-35		
General Numerical Reasoning	1-2	3-5	6-7	8-10	11-13	14-16	17-18	19-21	22-25
General Numerical Items Attempted	1-8	9-11	12-13	14-16	17-18	19-21	22-23	24-25	
General Abstract Reasoning	1-6	7-9	10-11	12-14	15-16	17-19	20-21	22-24	25-25
General Abstract Items Attempted	4-16	17-17	18-19	20-21	22-23	24-25			