

Graduate Reasoning Test Battery norm group: South Africans of European race, updated 2010

Sample composition

The sample consisted of South Africans who declared their race to be European, tested by Psytech SA and collaborators in the period leading up to January 2010. Not all respondents completed the entire Graduate Reasoning Test Battery, therefore the biographical particulars are reported separately for the Graduate Verbal, Numerical and Abstract Reasoning Tests.

Sample composition: Graduate Verbal Reasoning Test

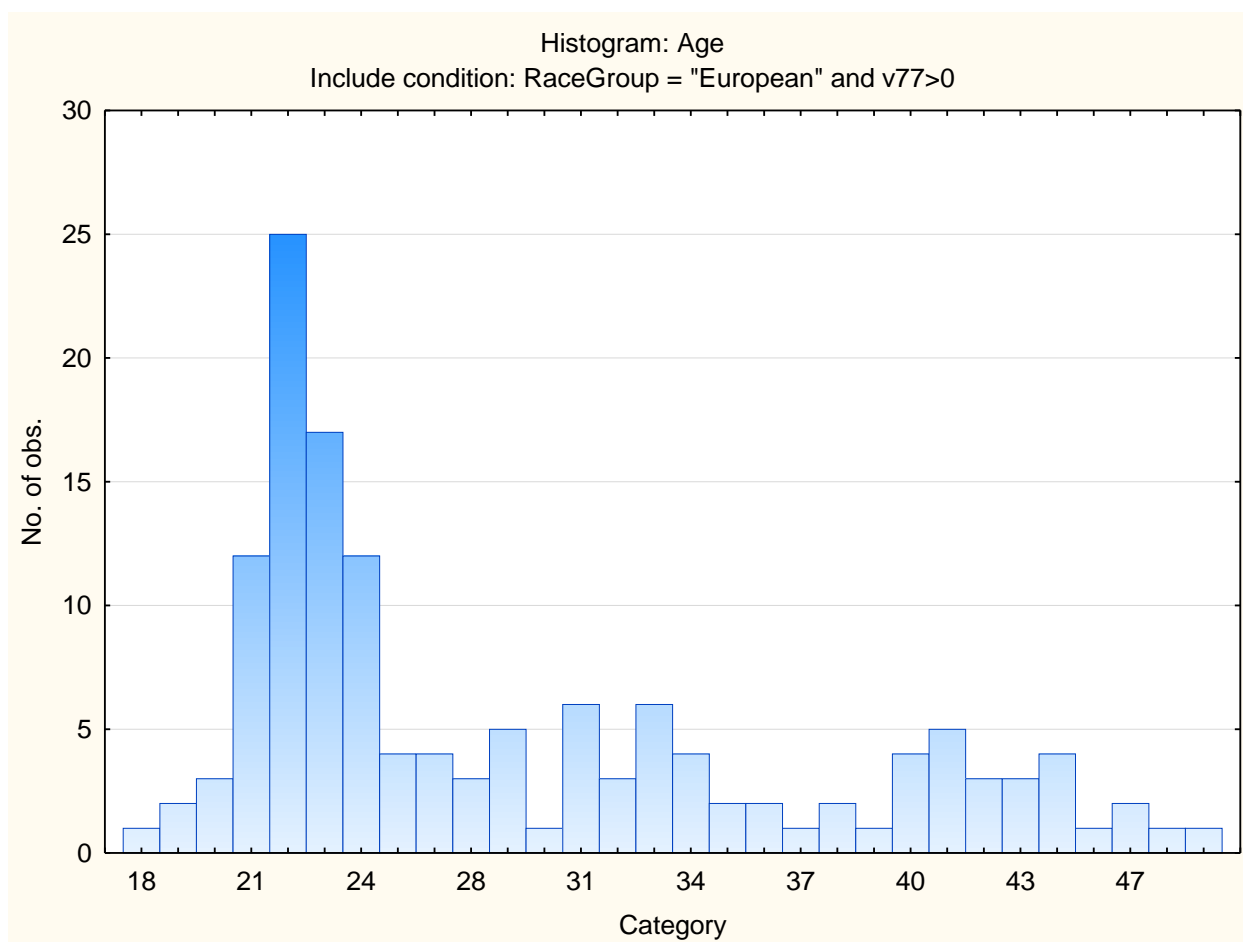
Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
F	53	53	36.05442	36.0544
M	94	147	63.94558	100.0000
Missing	0	147	0.00000	100.0000

Category	Frequency table: Education Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Degree	40	40	27.21088	27.2109
Grade 12	21	61	14.28571	41.4966
Diploma	9	70	6.12245	47.6190
Post Graduate	43	113	29.25170	76.8707
Certificate	4	117	2.72109	79.5918
Missing	30	147	20.40816	100.0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
English	74	74	50.34014	50.3401
Afrikaans	61	135	41.49660	91.8367
Sepedi	1	136	0.68027	92.5170
Missing	11	147	7.48299	100.0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
English	74	74	50.34014	50.3401
Afrikaans	61	135	41.49660	91.8367
Indigenous	1	136	0.68027	92.5170
Missing	11	147	7.48299	100.0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	28.64286	8.184097	18.00000	52.00000	140	7



Sample composition: Graduate Numerical Reasoning Test

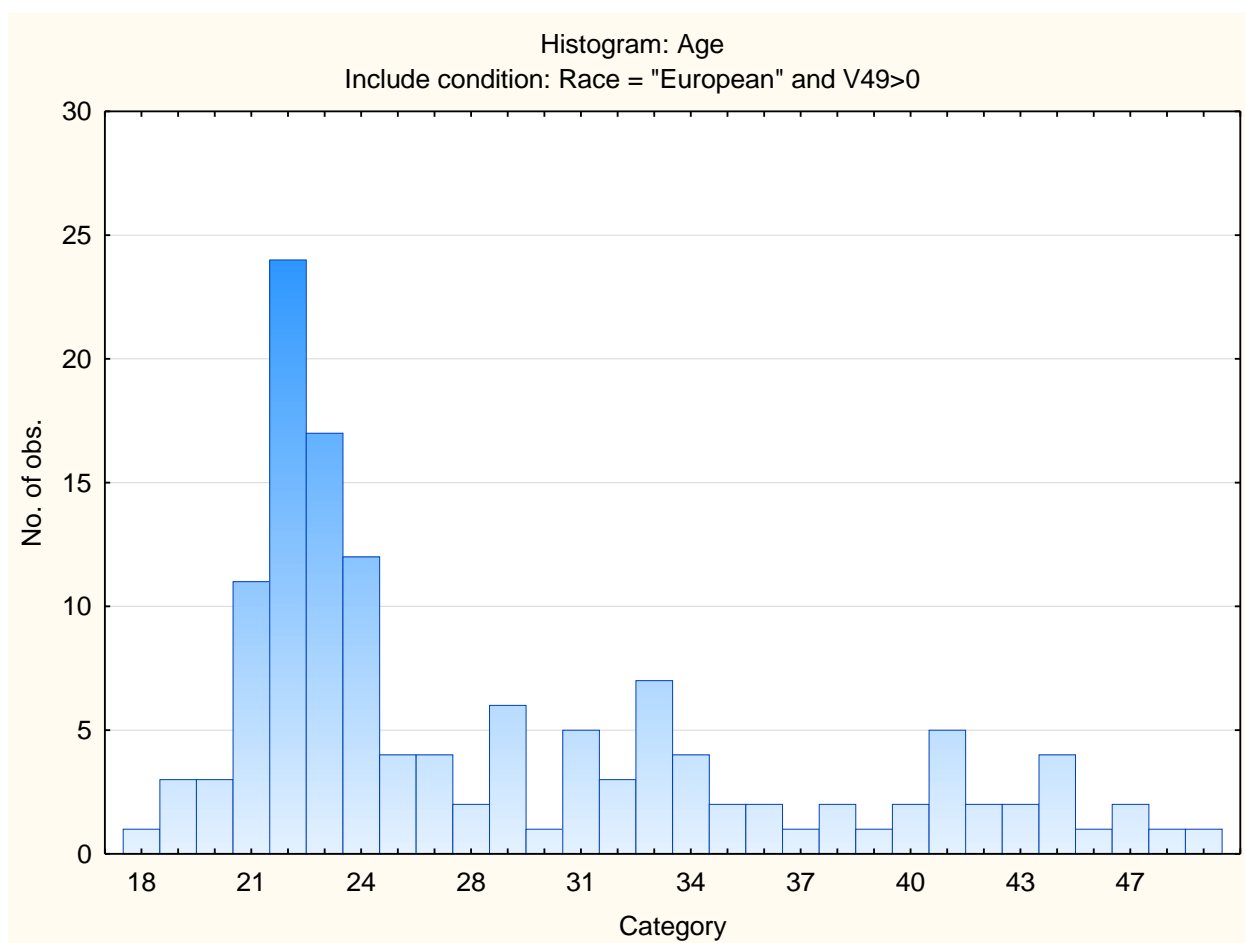
Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
F	49	49	34.50704	34.5070
M	93	142	65.49296	100.0000
Missing	0	142	0.00000	100.0000

Category	Frequency table: Education Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Degree	34	34	23.94366	23.9437
Grade 12	21	55	14.78873	38.7324
Diploma	9	64	6.33803	45.0704
Post Graduate	41	105	28.87324	73.9437
Certificate	4	109	2.81690	76.7606
Missing	33	142	23.23944	100.0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
English	72	72	50.70423	50.7042
Afrikaans	59	131	41.54930	92.2535
Sepedi	1	132	0.70423	92.9577
Missing	10	142	7.04225	100.0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
English	72	72	50.70423	50.7042
Afrikaans	59	131	41.54930	92.2535
Indigenous	1	132	0.70423	92.9577
Missing	10	142	7.04225	100.0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	28.32593	8.037997	18.00000	52.00000	135	7



Sample composition: Graduate Abstract Reasoning Test

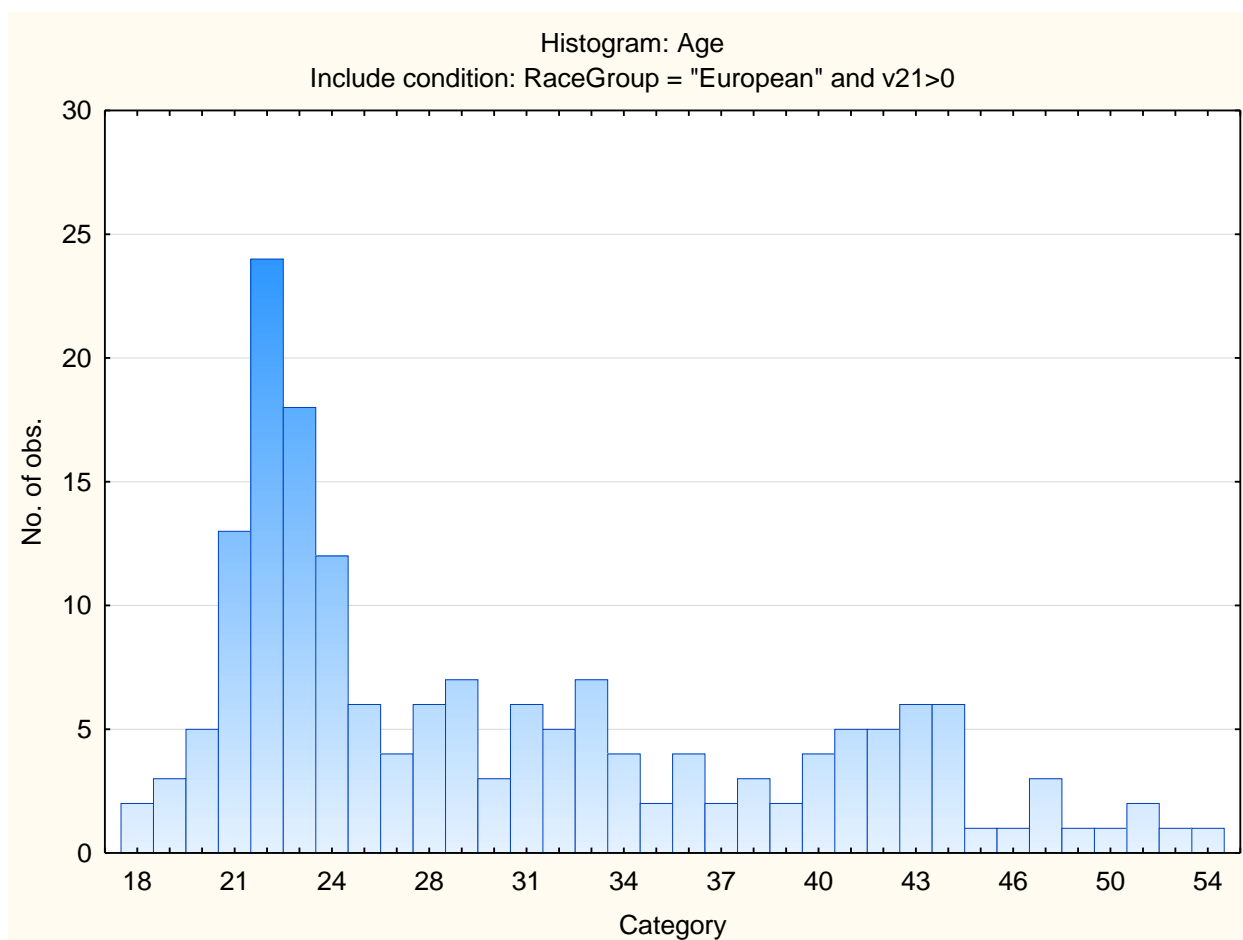
Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
F	69	69	37.70492	37.7049
M	114	183	62.29508	100.0000
Missing	0	183	0.00000	100.0000

Category	Frequency table: Education Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Degree	48	48	26.22951	26.2295
Grade 12	30	78	16.39344	42.6230
Diploma	17	95	9.28962	51.9126
Post Graduate	43	138	23.49727	75.4098
Certificate	4	142	2.18579	77.5956
Missing	41	183	22.40437	100.0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
English	80	80	43.71585	43.7158
Afrikaans	88	168	48.08743	91.8033
Sepedi	1	169	0.54645	92.3497
Missing	14	183	7.65027	100.0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
English	80	80	43.71585	43.7158
Afrikaans	88	168	48.08743	91.8033
Indigenous	1	169	0.54645	92.3497
Missing	14	183	7.65027	100.0000

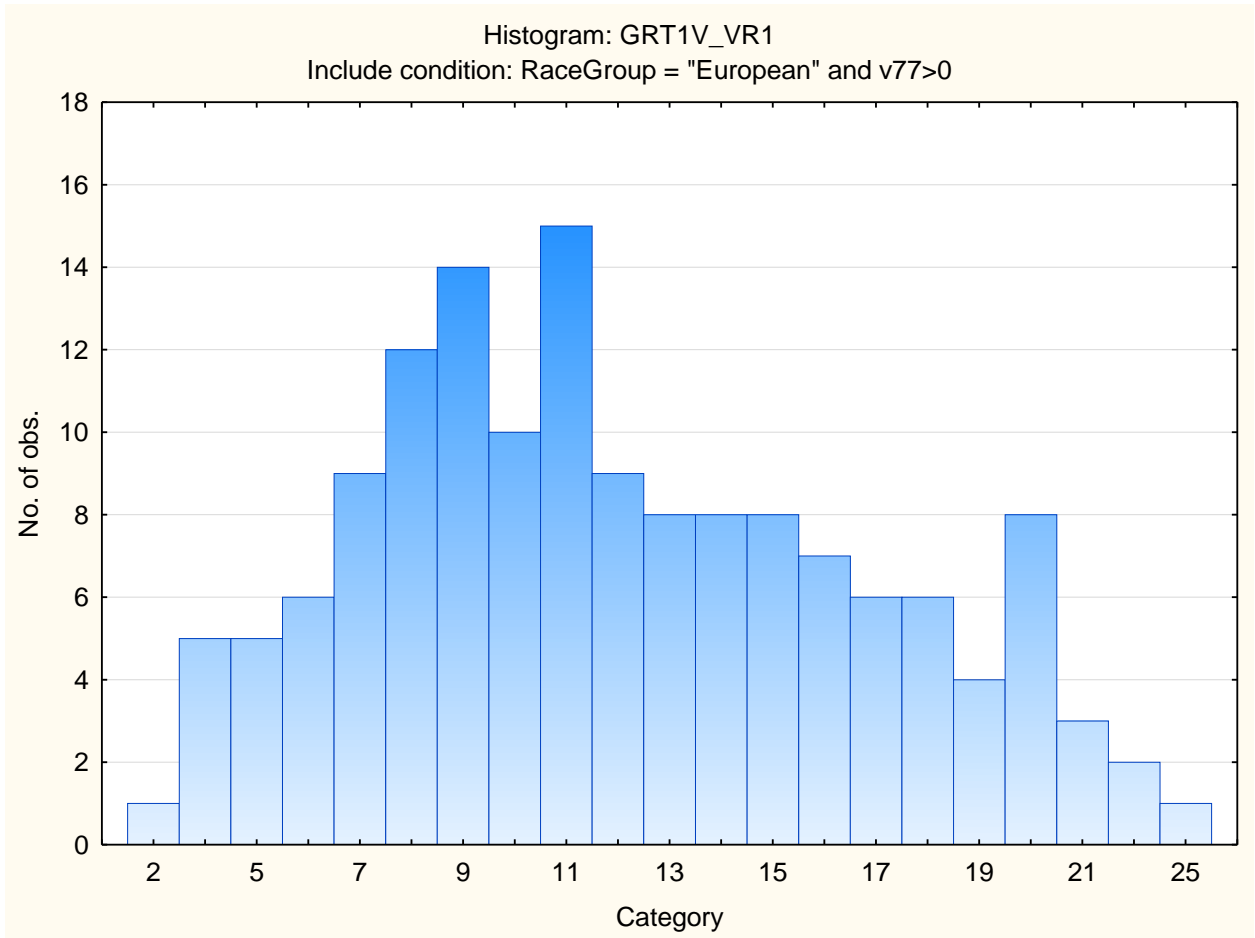
Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	29.96571	8.981397	18.00000	54.00000	175	8



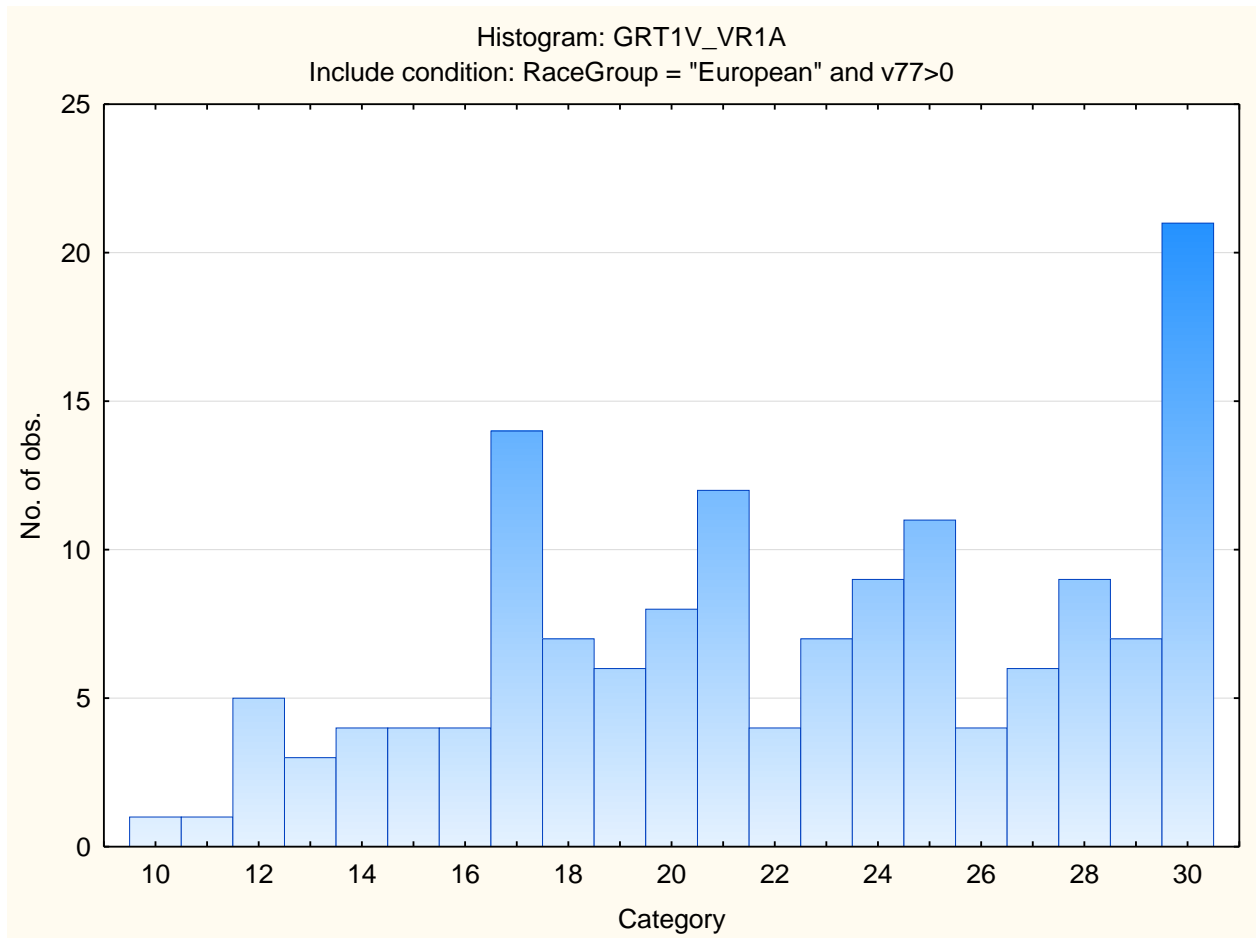
Descriptive statistics on Graduate Reasoning Test Battery subtests.

Variable	Descriptive Statistics					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Graduate Verbal Reasoning	12.02041	4.817874	2.00000	25.00000	147	0
Graduate Verbal Reasoning items attempted	22.31973	5.561593	10.00000	30.00000	147	0
Graduate Numerical Reasoning	12.85915	5.410250	0.00000	25.00000	142	0
Graduate Numerical Reasoning Items Attempted	18.11972	4.526490	8.00000	25.00000	142	0
Graduate Abstract Reasoning	13.03825	4.037416	3.00000	25.00000	183	0
Graduate Abstract Reasoning items attempted	20.21311	4.221015	9.00000	25.00000	183	0

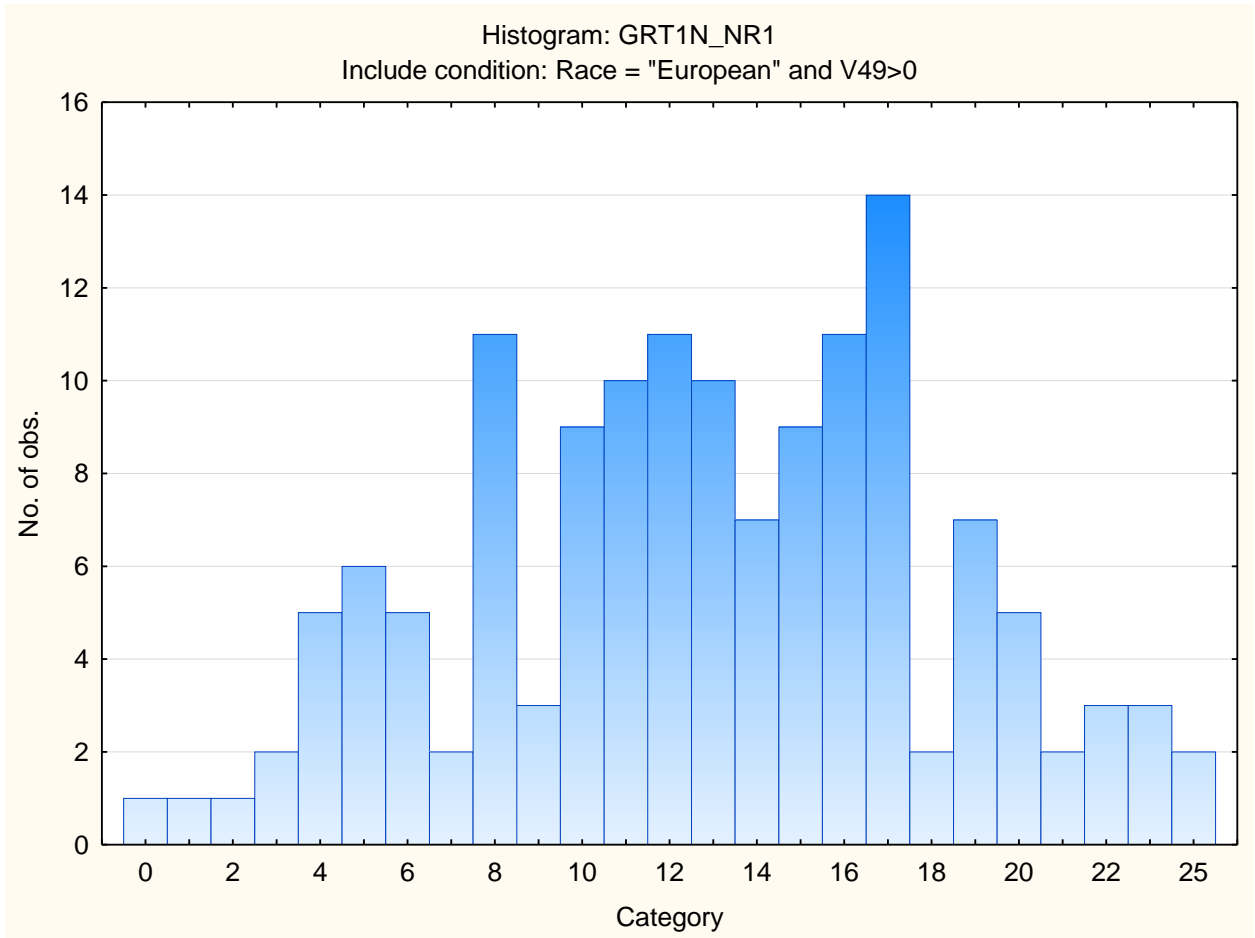
Frequency distribution: Graduate Verbal Reasoning Test



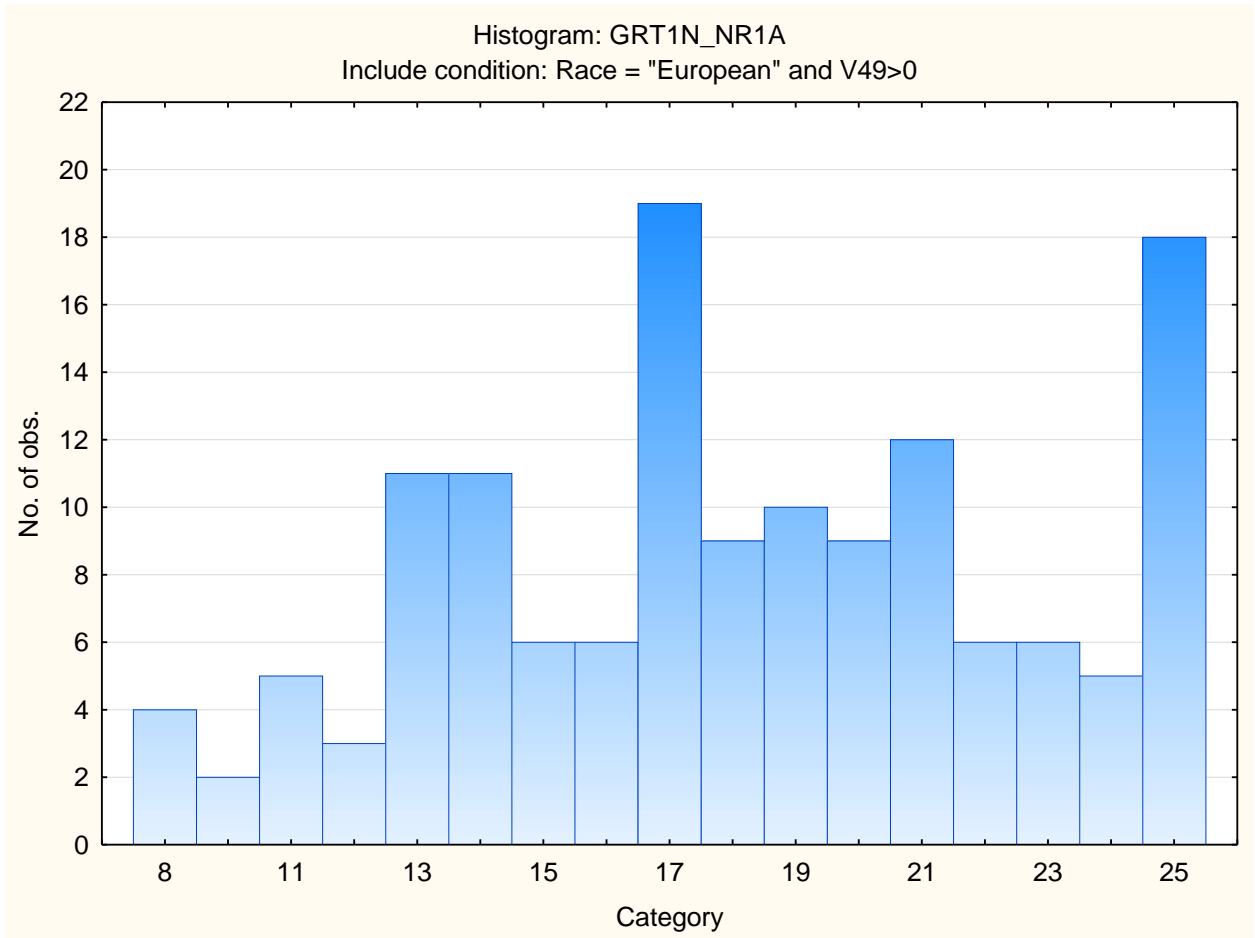
Frequency distribution: Graduate Verbal Reasoning Items Attempted



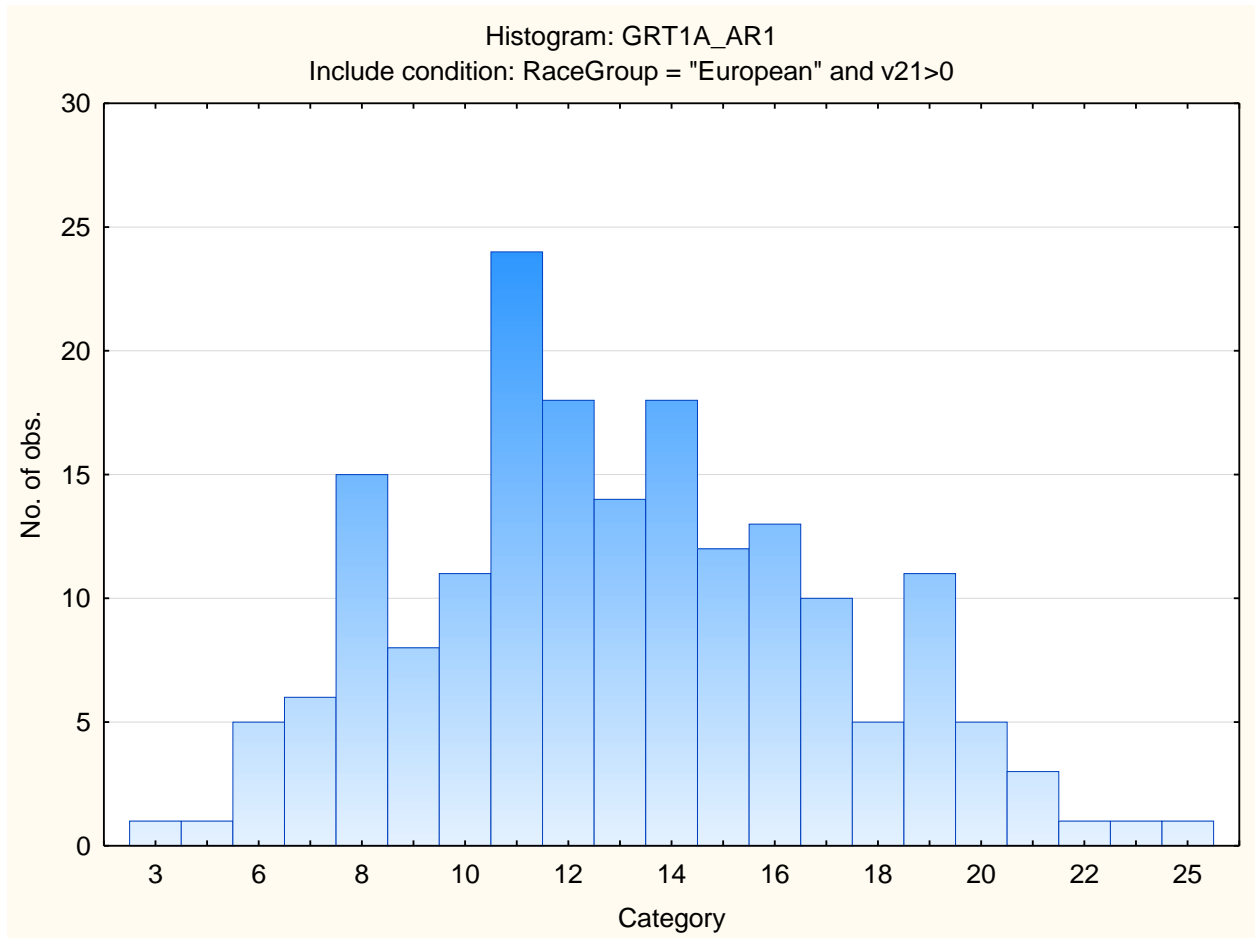
Frequency distribution: Graduate Numerical Reasoning Test



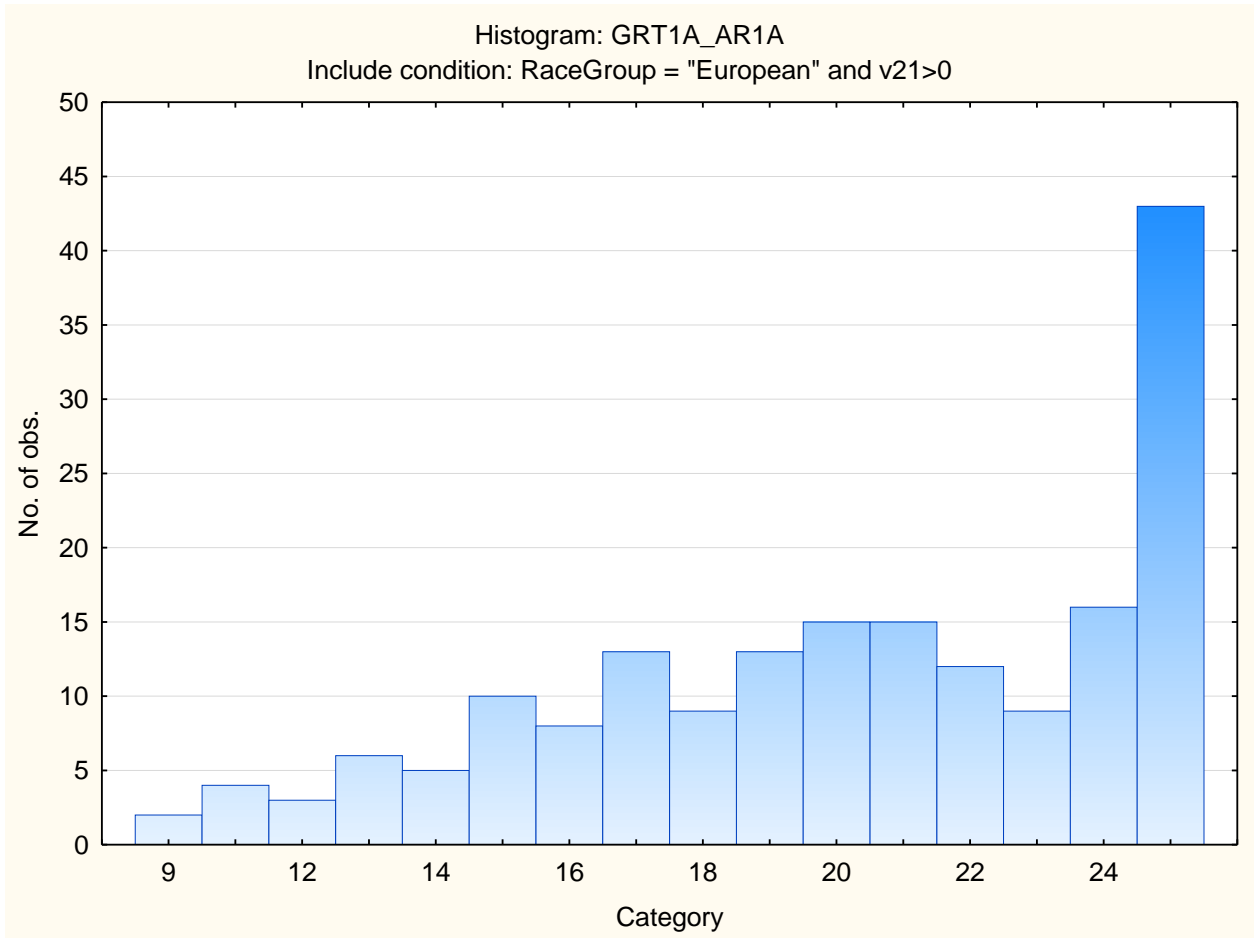
Frequency distribution: Graduate Numerical Reasoning items attempted



Frequency distribution: Graduate Abstract Reasoning Test



Frequency Distribution: Graduate Abstract Reasoning items attempted



Stanine table

	S9_1	S9_2	S9_3	S9_4	S9_5	S9_6	S9_7	S9_8	S9_9
Graduate Verbal Reasoning	2-3	4-5	6-8	9-10	11-13	14-15	16-18	19-20	21-25
Graduate Verbal Items Attempted	10-12	13-15	16-18	19-20	21-23	24-26	27-29	30-30	
Graduate Numerical Reasoning	0-3	4-6	7-8	9-11	12-14	15-16	17-19	20-22	23-25
Graduate Numerical Items Attempted	8-10	11-12	13-14	15-16	17-19	20-21	22-23	24-25	
Graduate Abstract Reasoning	3-5	6-7	8-10	11-12	13-14	15-16	17-18	19-20	21-25
Graduate Abstract Items Attempted	9-12	13-14	15-17	18-19	20-21	22-23	24-25		