

Critical Reasoning Test Battery Reliability: South African English speakers updated 2010

Sample composition

The sample consisted of South Africans with English as their home language, tested by Psytech South Africa and collaborators in the period up to January 2010. Not all respondents completed both the Verbal and Numerical Critical Reasoning Tests, therefore the biographical particulars are reported separately for the Numerical and Verbal Critical Reasoning tests.

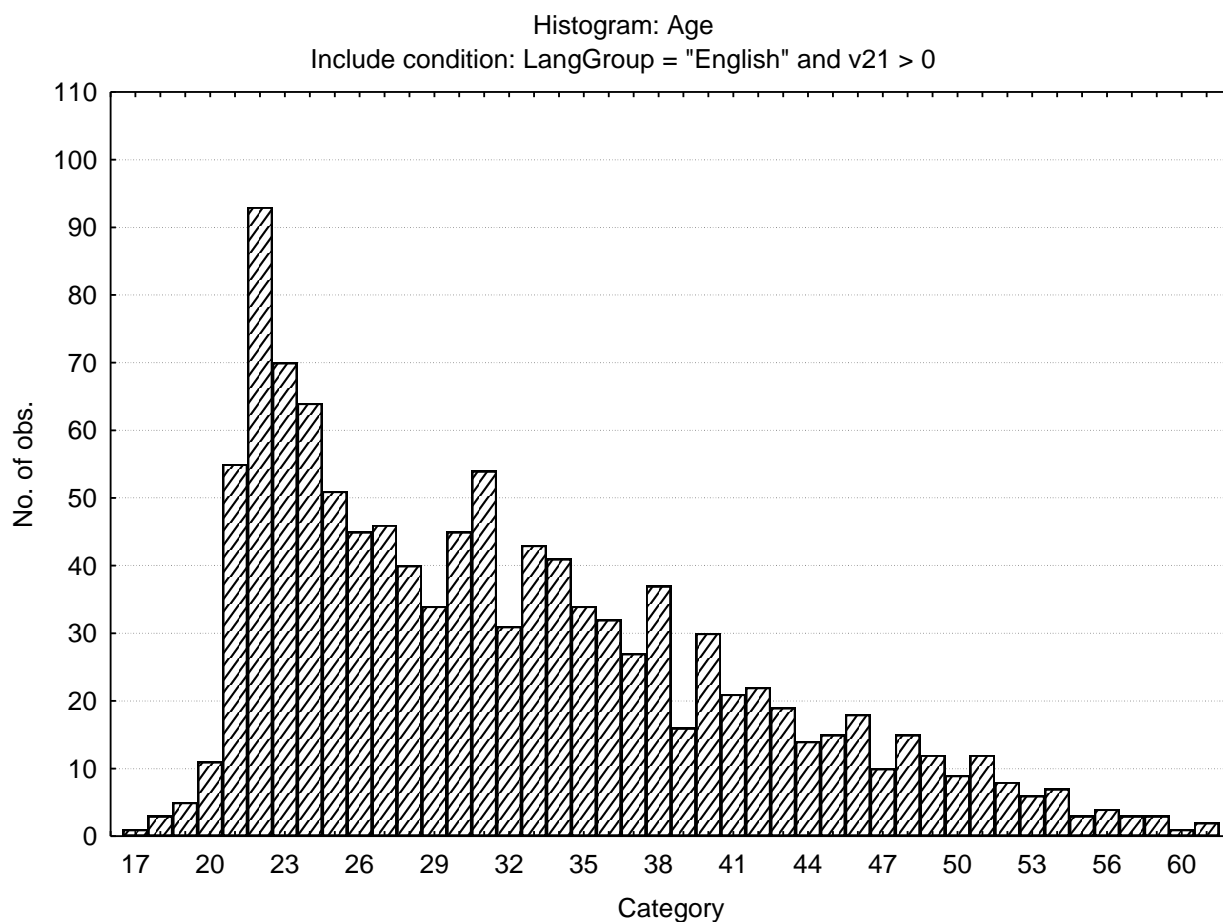
Sample composition: Numerical Critical Reasoning Test

Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
M	853	853	74.36792	74.3679
F	287	1140	25.02180	99.3897
U	7	1147	0.61029	100.0000
Missing	0	1147	0.00000	100.0000

Category	Frequency table: Education Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Post Graduate	219	219	19.09329	19.0933
Diploma	238	457	20.74978	39.8431
Grade 12	231	688	20.13949	59.9826
Degree	251	939	21.88317	81.8657
<Grade 12	17	956	1.48213	83.3479
Vocational Training	28	984	2.44115	85.7890
Missing	163	1147	14.21099	100.0000

Category	Frequency table: Race Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Asian	419	419	36.53008	36.5301
European	553	972	48.21273	84.7428
African	56	1028	4.88230	89.6251
Coloured	103	1131	8.97995	98.6051
Missing	16	1147	1.39494	100.0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	31.93975	9.092037	17.00000	62.00000	1112	35



Sample composition: Verbal Critical Reasoning Tests

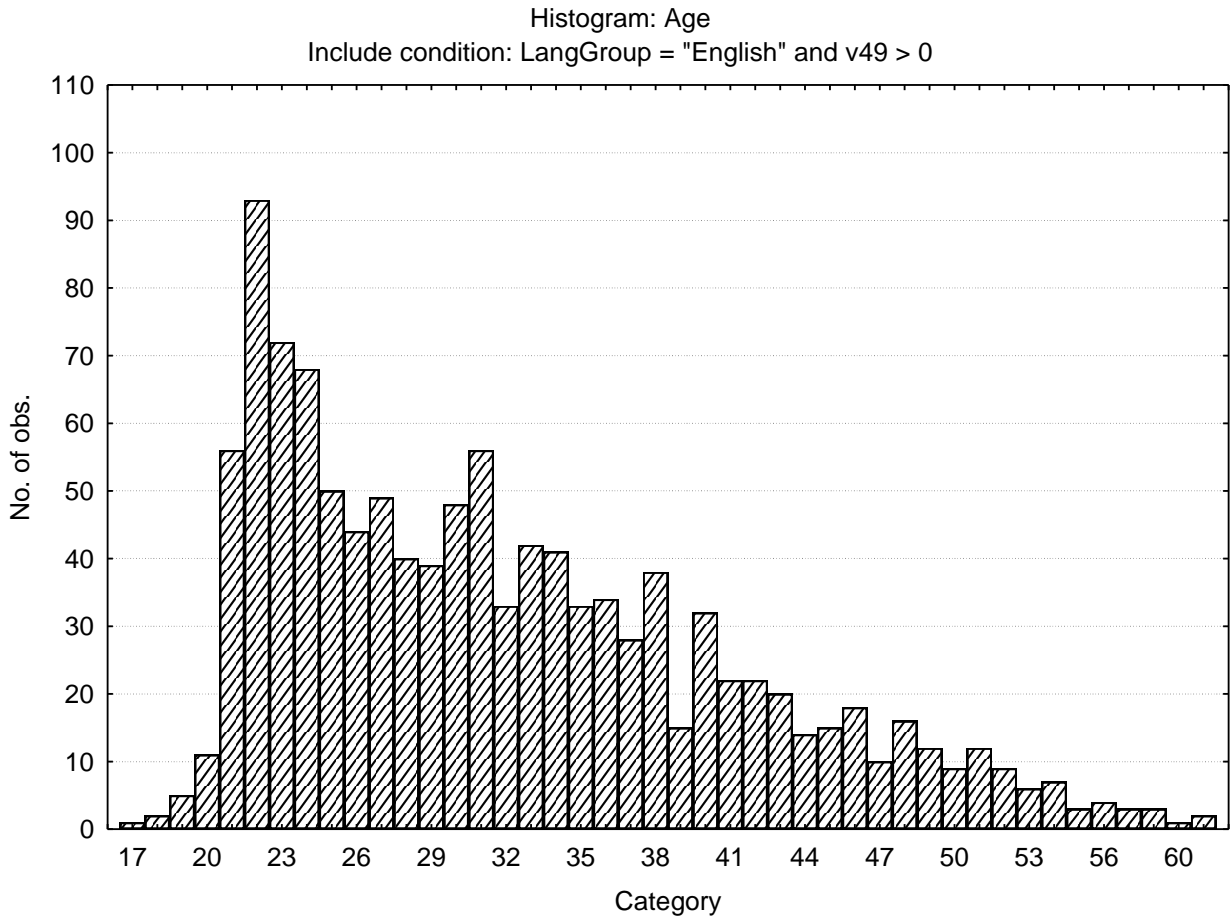
Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
M	871	871	74.25405	74.2540
F	295	1166	25.14919	99.4032
U	7	1173	0.59676	100.0000
Missing	0	1173	0.00000	100.0000

Category	Frequency table: Education Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Post Graduate	237	237	20.20460	20.2046
Diploma	240	477	20.46036	40.6650
Grade 12	234	711	19.94885	60.6138

Category	Frequency table: Education Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Degree	255	966	21.73913	82.3529
<Grade 12	16	982	1.36402	83.7170
Vocational Training	29	1011	2.47229	86.1893
Missing	162	1173	13.81074	100.0000

Category	Frequency table: Race Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Asian	425	425	36.23188	36.2319
European	571	996	48.67860	84.9105
African	57	1053	4.85934	89.7698
Coloured	104	1157	8.86616	98.6360
Missing	16	1173	1.36402	100.0000

Variable	Descriptive Statistics					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	31.94815	9.056353	17.00000	62.00000	1138	35



Internal consistency reliabilities for Critical Reasoning Test Battery subtests

	Cronbach coefficient alpha
Numerical Critical Reasoning Test	.80
Verbal Critical Reasoning Test	.86