

Critical Reasoning Test Battery reliability: South African Afrikaans speakers updated 2010

Sample composition

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

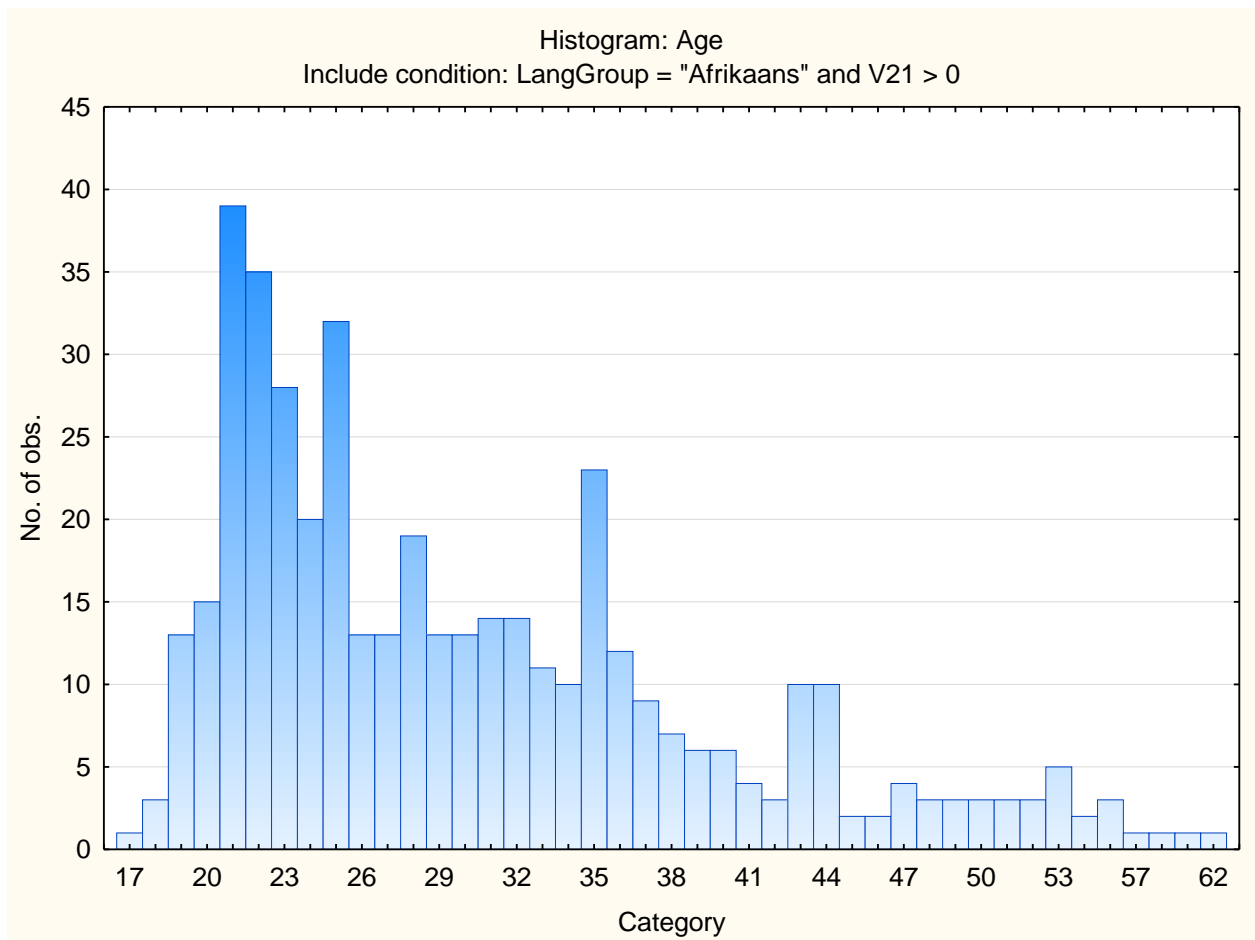
Sample composition: Numerical Critical Reasoning Test

Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
M	292	292	63.06695	63.0670
F	169	461	36.50108	99.5680
U	2	463	0.43197	100.0000
Missing	0	463	0.00000	100.0000

Category	Frequency table: Education Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Post Graduate	64	64	13.82289	13.8229
Diploma	76	140	16.41469	30.2376
Grade 12	108	248	23.32613	53.5637
Degree	136	384	29.37365	82.9374
<Grade 12	3	387	0.64795	83.5853
Vocational Training	14	401	3.02376	86.6091
Missing	62	463	13.39093	100.0000

Category	Frequency table: Race Group			
	Count	Cumulative Count	Percent	Cumulative Percent
European	418	418	90.28078	90.2808
African	5	423	1.07991	91.3607
Coloured	26	449	5.61555	96.9762
Missing	14	463	3.02376	100.0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	30.18245	9.316774	17.00000	62.00000	433	30



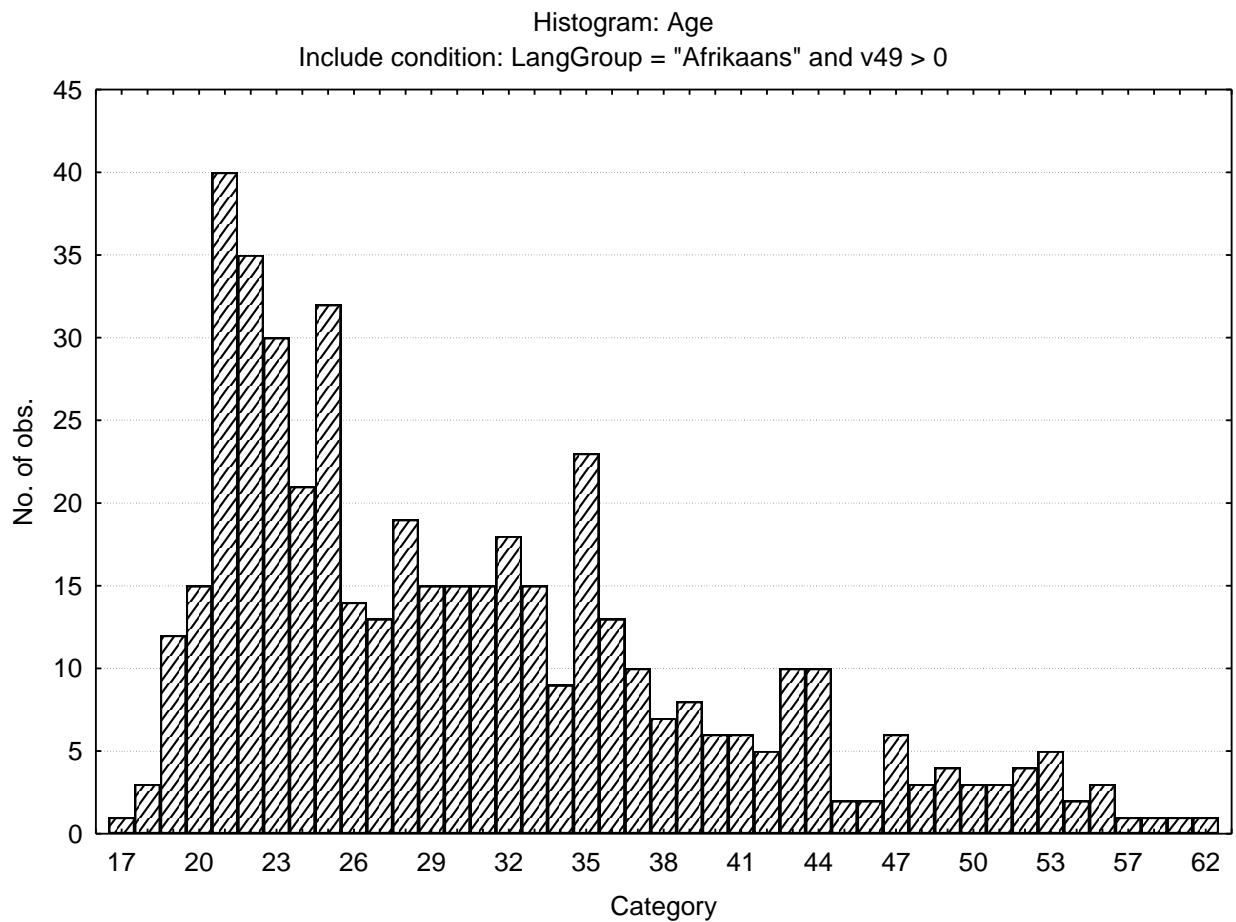
Sample composition: Verbal Critical Reasoning Test

Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
M	313	313	63.36032	63.3603
F	179	492	36.23482	99.5951
U	2	494	0.40486	100.0000
Missing	0	494	0.00000	100.0000

Category	Frequency table: Education Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Post Graduate	73	73	14.77733	14.7773
Diploma	85	158	17.20648	31.9838
Grade 12	106	264	21.45749	53.4413
Degree	150	414	30.36437	83.8057
<Grade 12	4	418	0.80972	84.6154
Vocational Training	15	433	3.03644	87.6518
Missing	61	494	12.34818	100.0000

Category	Frequency table: Race Group			
	Count	Cumulative Count	Percent	Cumulative Percent
European	448	448	90.68826	90.6883
African	7	455	1.41700	92.1053
Coloured	25	480	5.06073	97.1660
Missing	14	494	2.83401	100.0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	30.48590	9.296231	17.00000	62.00000	461	33



Internal Consistency Reliabilities for Critical Reasoning Test Battery subtests

	Cronbach coefficient alpha
Numerical Critical Reasoning Test	.79
Verbal Critical Reasoning Test	.82