

Critical Reasoning Test Battery Reliability: South Africans of Coloured race, updated 2010

Sample composition

The sample consisted of South Africans, who declared their race group as being Coloured, tested by Psytech SA and collaborators in the period leading up to January 2010. Not all respondents completed both the Verbal and Numerical Critical Reasoning Test, therefore the biographical details are reported separately for the persons who completed 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	91	91	67.40741	67.4074
F	43	134	31.85185	99.2593
U	1	135	0.74074	100.0000
Missing	0	135	0.00000	100.0000

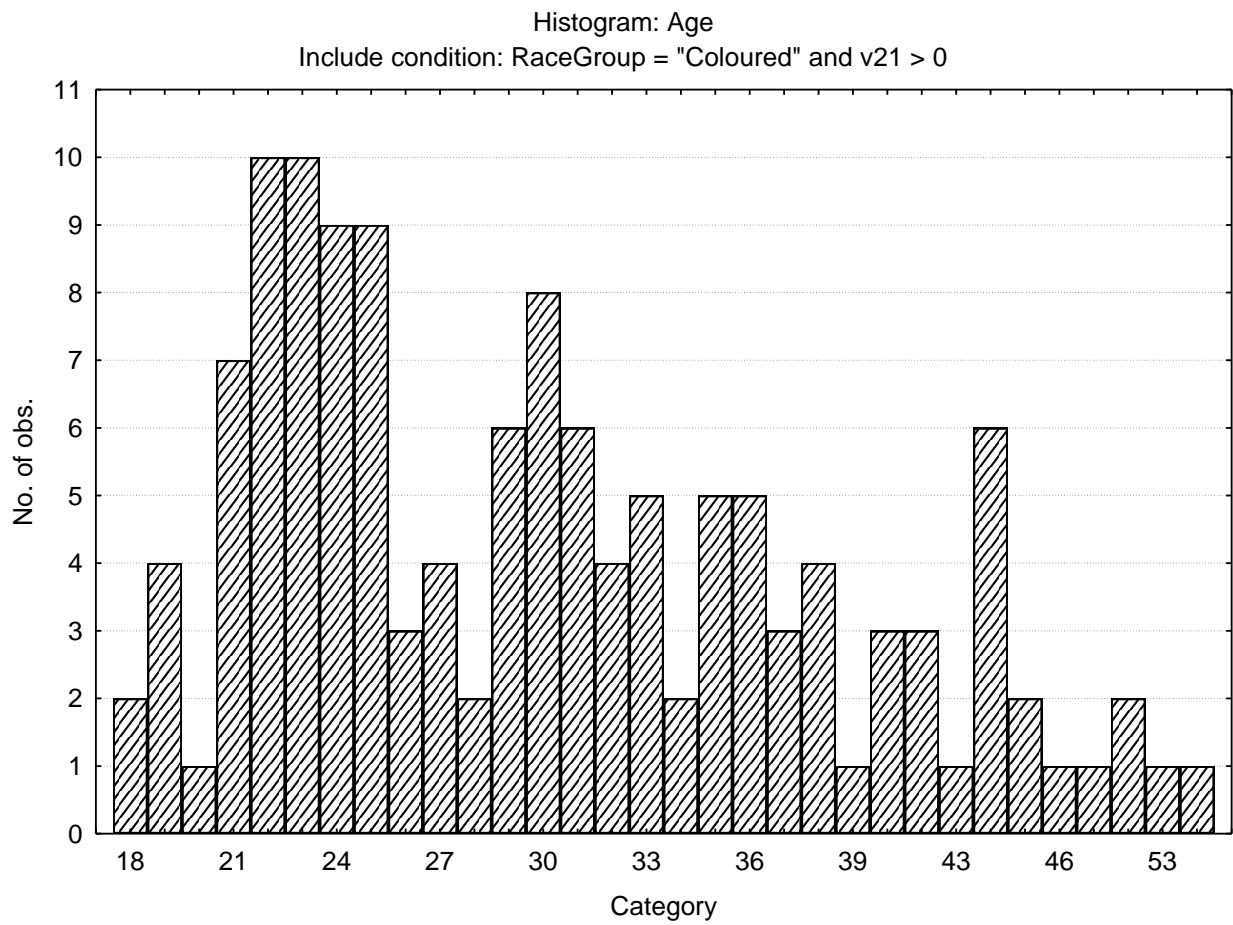
Category	Frequency table: Education Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Post Graduate	16	16	11.85185	11.8519
Diploma	40	56	29.62963	41.4815
Grade 12	33	89	24.44444	65.9259
Degree	27	116	20.00000	85.9259
<Grade 12	1	117	0.74074	86.6667
Vocational Training	2	119	1.48148	88.1481
Missing	16	135	11.85185	100.0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
English	103	103	76.29630	76.2963
Afrikaans	26	129	19.25926	95.5556
Missing	6	135	4.44444	100.0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
English	103	103	76.29630	76.2963
Afrikaans	26	129	19.25926	95.5556
Missing	6	135	4.44444	100.0000

Category	Frequency table: Race Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Coloured	135	135	100.0000	100.0000
Missing	0	135	0.0000	100.0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	30.29771	8.321145	18.00000	57.00000	131	4



Sample composition: Verbal Critical Reasoning Test

Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
M	92	92	67.64706	67.6471
F	43	135	31.61765	99.2647
U	1	136	0.73529	100.0000
Missing	0	136	0.00000	100.0000

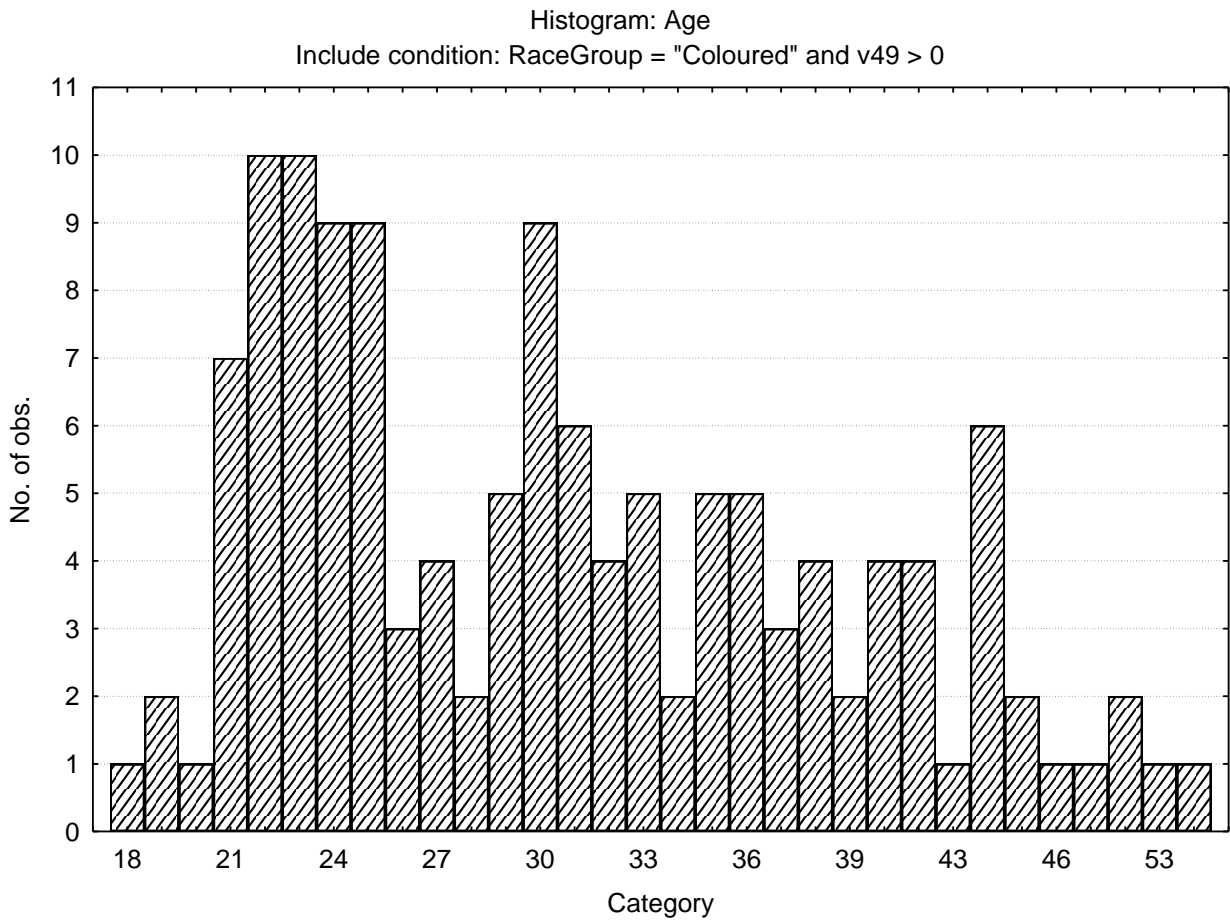
Category	Frequency table: Education Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Post Graduate	16	16	11.76471	11.7647
Diploma	41	57	30.14706	41.9118
Grade 12	29	86	21.32353	63.2353
Degree	29	115	21.32353	84.5588
<Grade 12	2	117	1.47059	86.0294
Vocational Training	3	120	2.20588	88.2353
Missing	16	136	11.76471	100.0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
English	104	104	76.47059	76.4706
Afrikaans	25	129	18.38235	94.8529
isiXhosa	1	130	0.73529	95.5882
Missing	6	136	4.41176	100.0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
English	104	104	76.47059	76.4706
Indigenous	1	105	0.73529	77.2059
Afrikaans	25	130	18.38235	95.5882
Missing	6	136	4.41176	100.0000

Category	Frequency table: Race Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Coloured	136	136	100.0000	100.0000
Missing	0	136	0.0000	100.0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	30.79389	8.248746	18.00000	57.00000	131	5



Internal Consistency Reliabilities for Critical Reasoning Test subtests

	Cronbach Coefficient Alpha
Numerical Critical Reasoning Test	.78
Verbal Critical Reasoning Test	.82