

Critical Reasoning Test (CRTB2)

Reliability: South Africans, Afrikaans Language Group, Updated 2016

Critical Numerical Reasoning Test: Biographical Composition

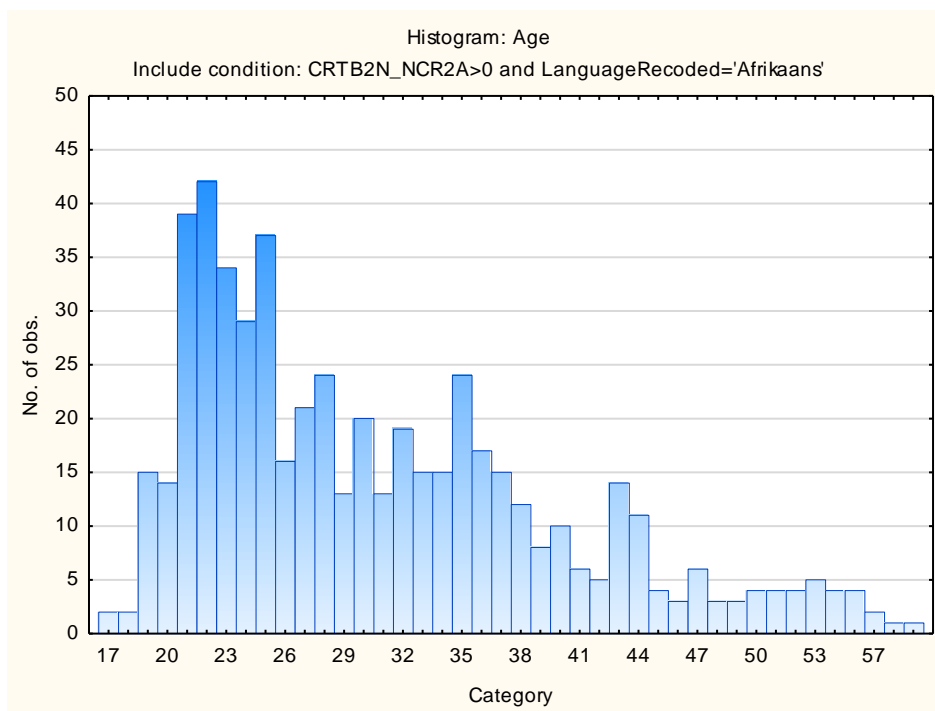
Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
F	219	219	37,69363	37,6936
M	358	577	61,61790	99,3115
U	4	581	0,68847	100,0000
Missing	0	581	0,00000	100,0000

Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Tertiary	263	263	45,26678	45,2668
Post Graduate	102	365	17,55594	62,8227
Grade 12	149	514	25,64544	88,4682
< Matric	5	519	0,86059	89,3287
Missing	62	581	10,67126	100,0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
Afrikaans	581	581	100,0000	100,0000
Missing	0	581	0,0000	100,0000

Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
African	12	12	2,06540	2,0654
European	521	533	89,67298	91,7384
Coloured	36	569	6,19621	97,9346
Missing	12	581	2,06540	100,0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	30,71481	9,236541	17,00000	62,00000	540	41



Critical Verbal Reasoning Test: Biographical Composition

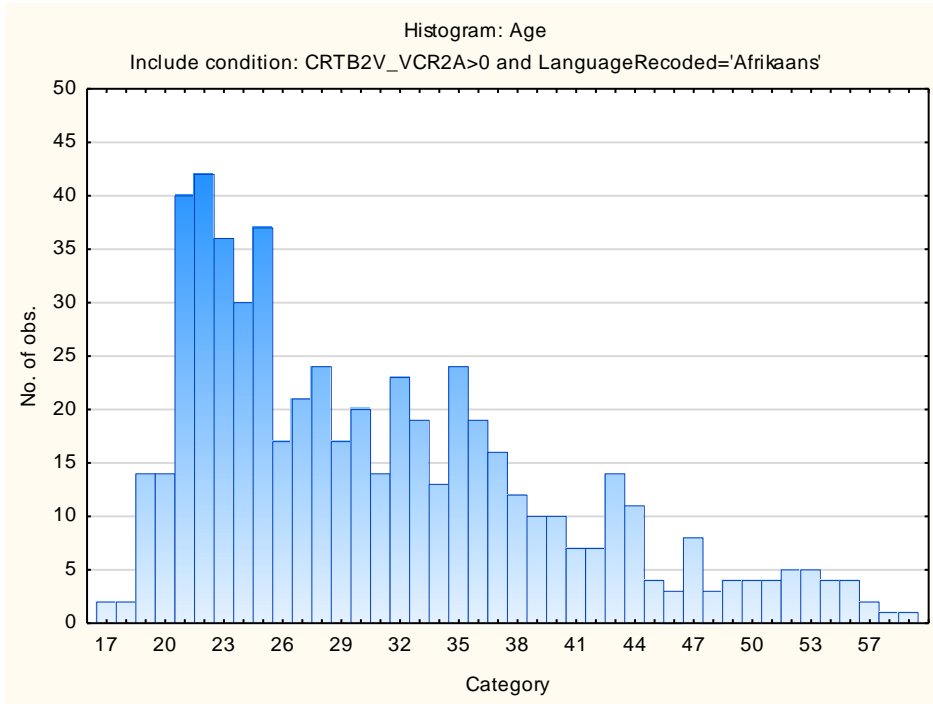
Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
F	226	226	36,98854	36,9885
M	382	608	62,52046	99,5090
U	3	611	0,49100	100,0000
Missing	0	611	0,00000	100,0000

Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Tertiary	284	284	46,48118	46,4812
Post Graduate	114	398	18,65794	65,1391
Grade 12	146	544	23,89525	89,0344
< Matric	6	550	0,98200	90,0164
Missing	61	611	9,98363	100,0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
Afrikaans	611	611	100,0000	100,0000
Missing	0	611	0,0000	100,0000

Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
African	14	14	2,29133	2,2913
European	549	563	89,85270	92,1440
Coloured	36	599	5,89198	98,0360
Missing	12	611	1,96399	100,0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	30,91711	9,212174	17,00000	62,00000	567	44



Internal Consistency Reliabilities for Critical Reasoning Test Battery Subtests

Subtest	Cronbach Coefficient Alpha
Critical Numerical Reasoning Test	0,81
Critical Verbal Reasoning Test	0,84

Results of lower than 0.75 are possibly related to respondents guessing the answers to items which they may not know. Results should therefore be interpreted with caution. Do not rely on these tests in isolation, but consider the results as part of a holistic assessment, which incorporate additional sources of information.