

Critical Reasoning Test (CRTB2)

Reliability: South Africans, Sesotho Language Group, Updated 2016

Critical Numerical Reasoning Test: Biographical Composition

Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
F	113	113	46,12245	46,1224
M	132	245	53,87755	100,0000
Missing	0	245	0,00000	100,0000

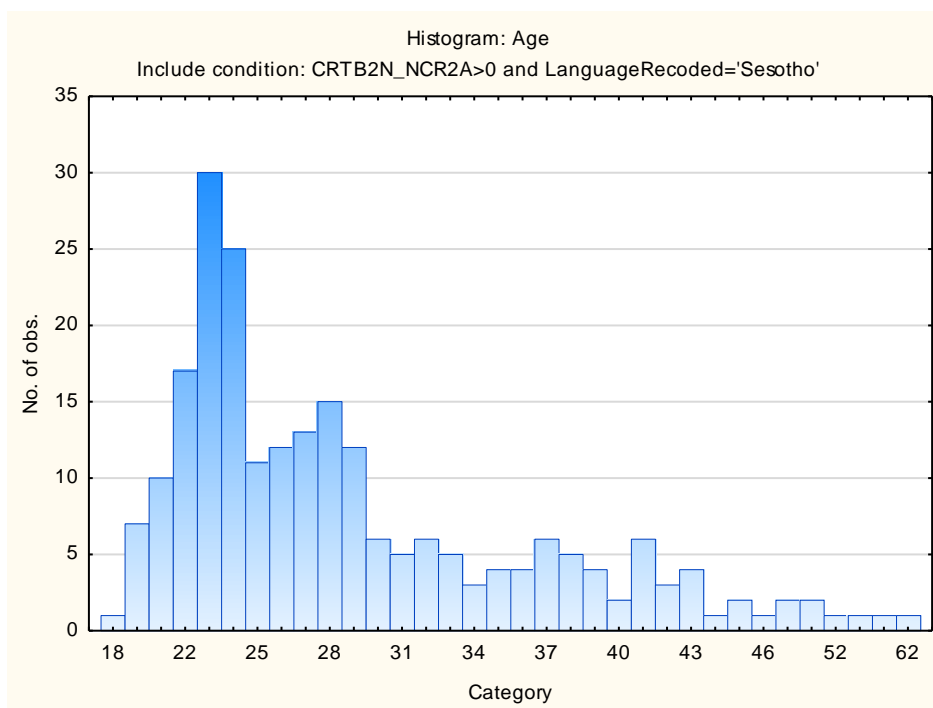
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Tertiary	157	157	64,08163	64,0816
Post Graduate	45	202	18,36735	82,4490
Grade 12	30	232	12,24490	94,6939
< Matric	1	233	0,40816	95,1020
Missing	12	245	4,89796	100,0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
Sesotho	245	245	100,0000	100,0000
Missing	0	245	0,0000	100,0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Indigenous	245	245	100,0000	100,0000
Missing	0	245	0,0000	100,0000

Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
African	245	245	100,0000	100,0000
Missing	0	245	0,0000	100,0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	28,95614	7,781589	18,00000	62,00000	228	17



Critical Verbal Reasoning Test: Biographical Composition

Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
F	113	113	45,93496	45,9350
M	133	246	54,06504	100,0000
Missing	0	246	0,00000	100,0000

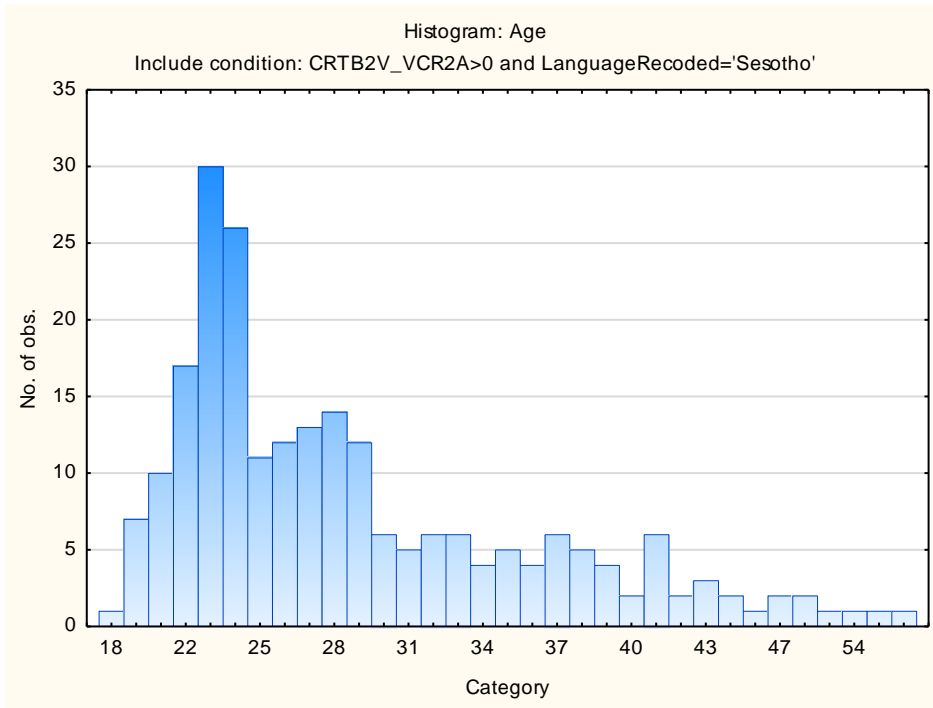
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Tertiary	158	158	64,22764	64,2276
Post Graduate	47	205	19,10569	83,3333
Grade 12	28	233	11,38211	94,7154
< Matric	1	234	0,40650	95,1220
Missing	12	246	4,87805	100,0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
Sesotho	246	246	100,0000	100,0000
Missing	0	246	0,0000	100,0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Indigenous	246	246	100,0000	100,0000
Missing	0	246	0,0000	100,0000

Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
African	246	246	100,0000	100,0000
Missing	0	246	0,0000	100,0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	28,82018	7,639922	18,00000	62,00000	228	18



Internal Consistency Reliabilities for Critical Reasoning Test Battery Subtests

Subtest	Cronbach Coefficient Alpha
Critical Numerical Reasoning Test	0,58
Critical Verbal Reasoning Test	0,79

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.