

# Critical Reasoning Test (CRTB2)

## Reliability: South Africans, Setswana Language Group, Updated 2016

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### Critical Numerical Reasoning Test: Biographical Composition

Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
F	96	96	53,93258	53,9326
M	82	178	46,06742	100,0000
Missing	0	178	0,00000	100,0000

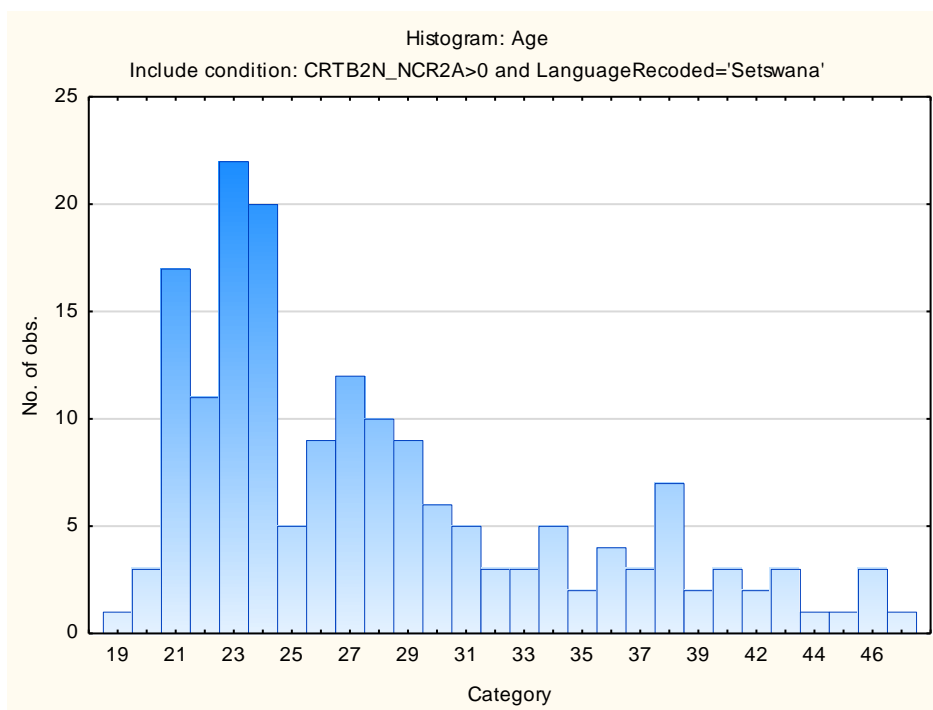
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Tertiary	115	115	64,60674	64,6067
Post Graduate	23	138	12,92135	77,5281
Grade 12	30	168	16,85393	94,3820
< Matric	1	169	0,56180	94,9438
Missing	9	178	5,05618	100,0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
Setswana	178	178	100,0000	100,0000
Missing	0	178	0,0000	100,0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Indigenous	178	178	100,0000	100,0000
Missing	0	178	0,0000	100,0000

Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
African	178	178	100,0000	100,0000
Missing	0	178	0,0000	100,0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	28,13873	6,788615	19,00000	51,00000	173	5



## Critical Verbal Reasoning Test: Biographical Composition

Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
F	90	90	51,13636	51,1364
M	86	176	48,86364	100,0000
Missing	0	176	0,00000	100,0000

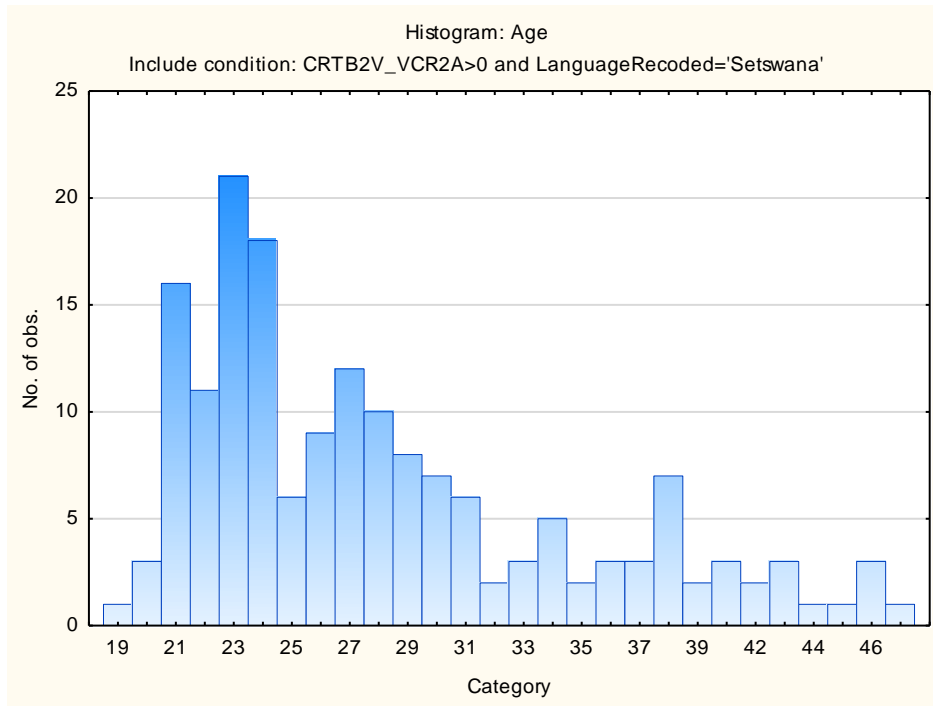
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Tertiary	114	114	64,77273	64,7727
Post Graduate	26	140	14,77273	79,5455
Grade 12	27	167	15,34091	94,8864
< Matric	1	168	0,56818	95,4545
Missing	8	176	4,54545	100,0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
Setswana	176	176	100,0000	100,0000
Missing	0	176	0,0000	100,0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Indigenous	176	176	100,0000	100,0000
Missing	0	176	0,0000	100,0000

Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
African	176	176	100,0000	100,0000
Missing	0	176	0,0000	100,0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	28,19527	6,795725	19,00000	51,00000	169	7



## Internal Consistency Reliabilities for Critical Reasoning Test Battery Subtests

<b>Subtest</b>	<b>Cronbach Coefficient Alpha</b>
Critical Numerical Reasoning Test	0,61
Critical Verbal Reasoning Test	0,74

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.