

# Critical Reasoning Test (CRTB2)

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

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### Sample composition

The sample consisted of South Africans tested by Psytech South Africa and collaborators during the period up to June 2015. Since not all respondents completed all the subtests of the Critical Reasoning Test Battery, biographical characteristics are reported separately for the different subtests.

### 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

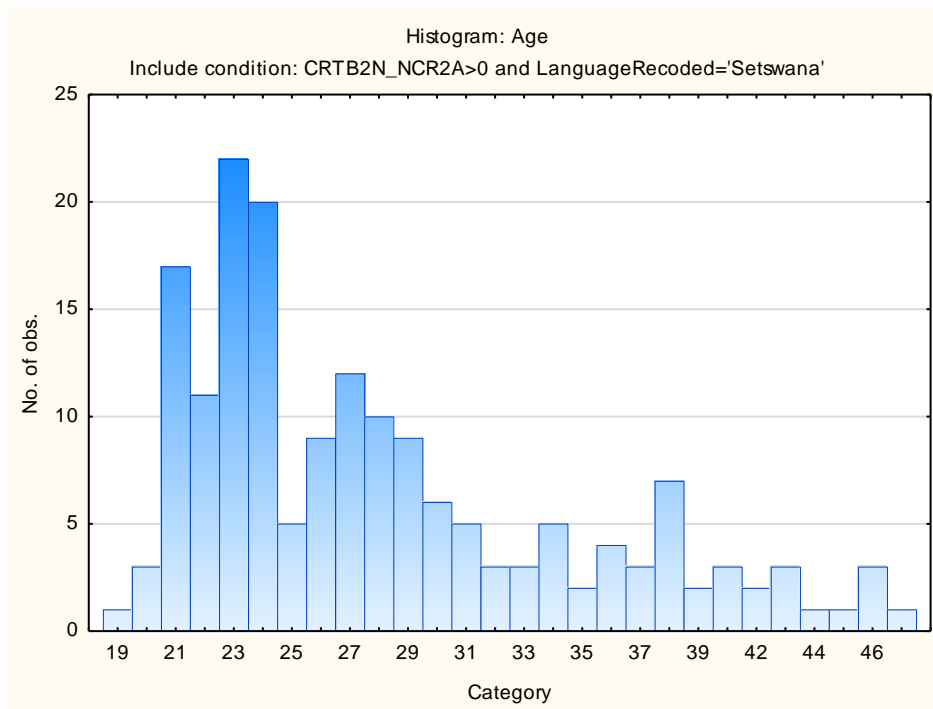
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Tertiary	115	115	64,60674	64,6067
Post Graduate	23	138	12,92135	77,5281
Grade 12	30	168	16,85393	94,3820
< Matric	1	169	0,56180	94,9438
Missing	9	178	5,05618	100,0000

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

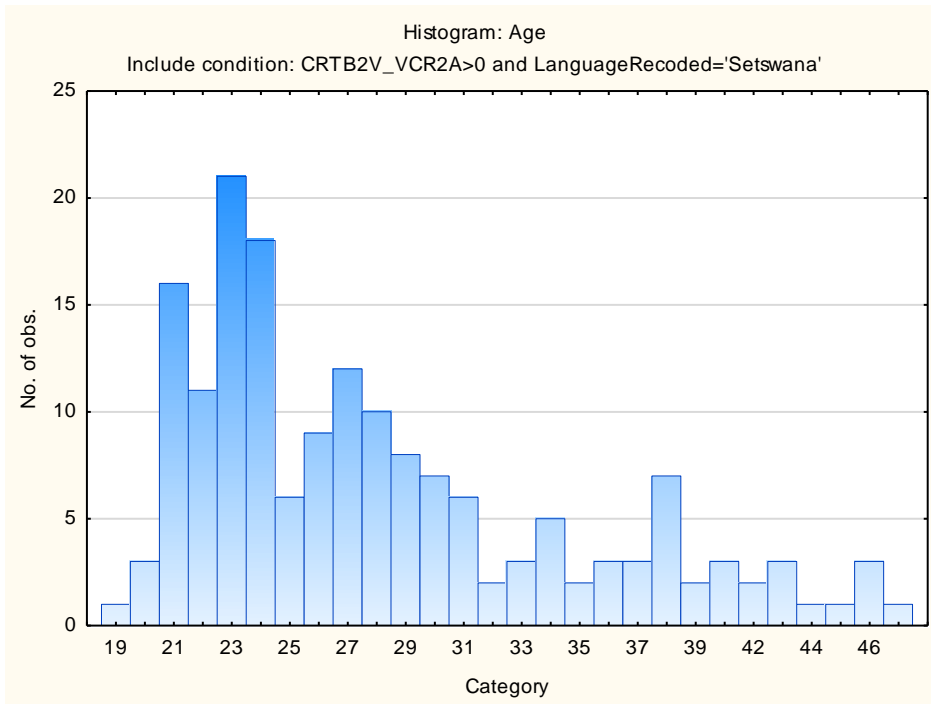
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Tertiary	114	114	64,77273	64,7727
Post Graduate	26	140	14,77273	79,5455
Grade 12	27	167	15,34091	94,8864
< Matric	1	168	0,56818	95,4545
Missing	8	176	4,54545	100,0000

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

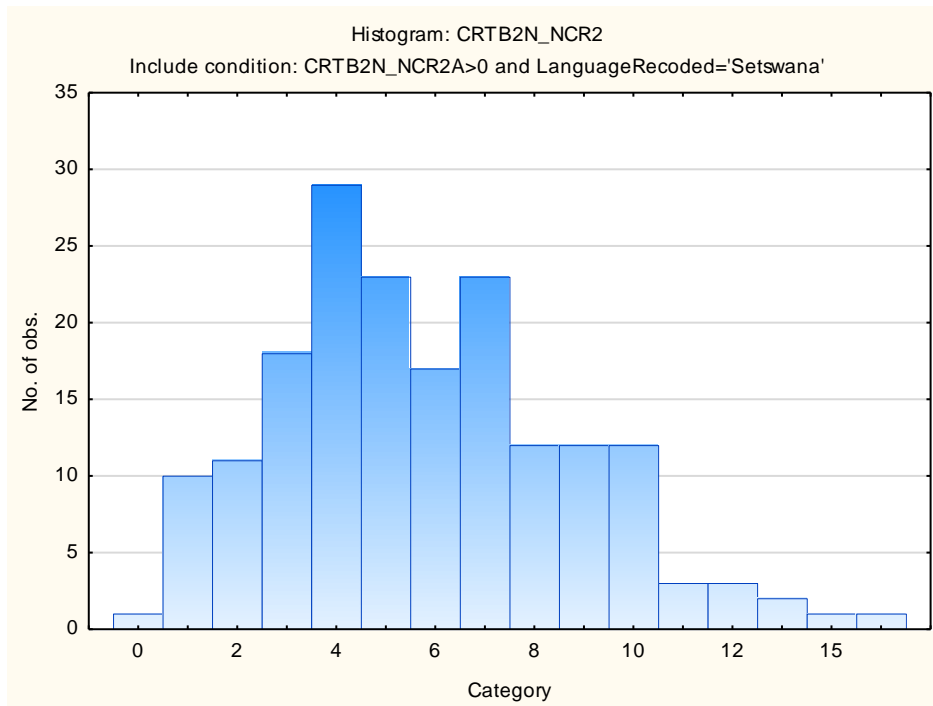
Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	28,19527	6,795725	19,00000	51,00000	169	7

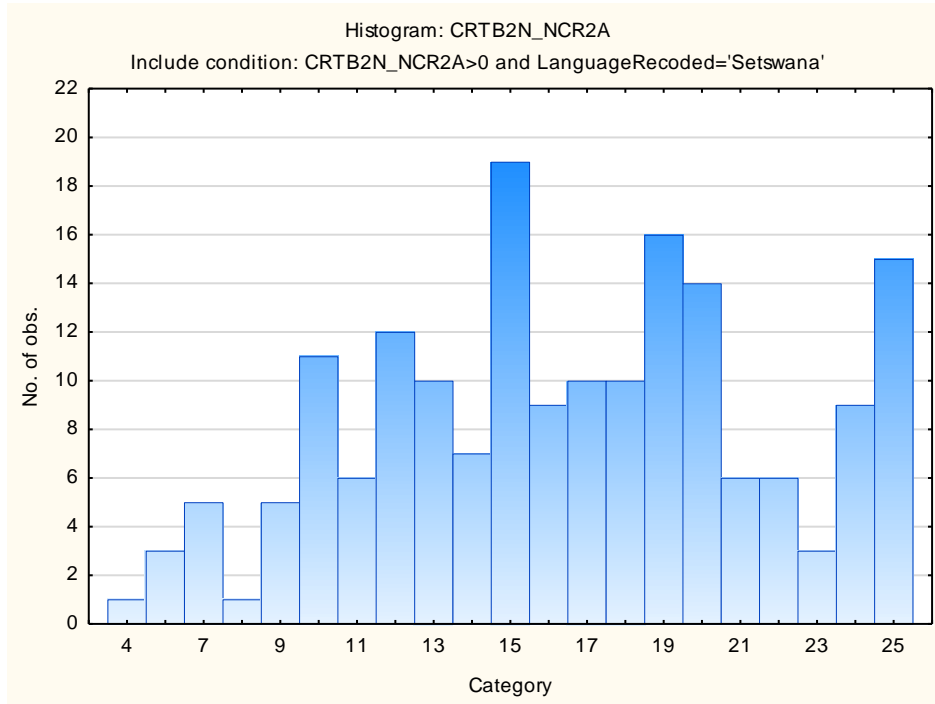


## Descriptive statistics and frequency distributions on Critical Reasoning Test Battery subtests

### Critical Numerical Reasoning Test

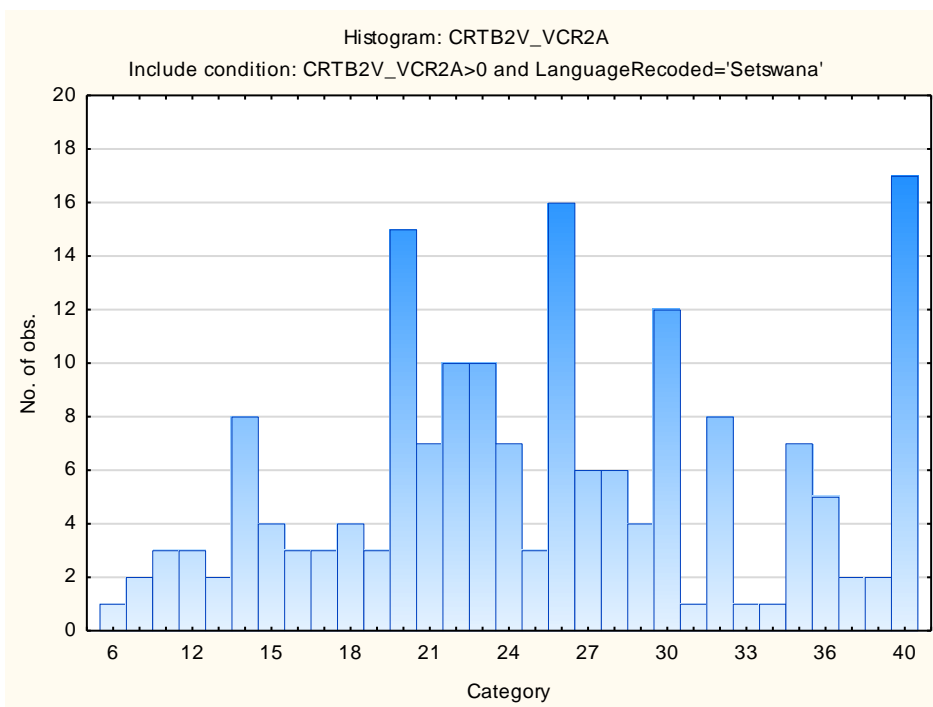
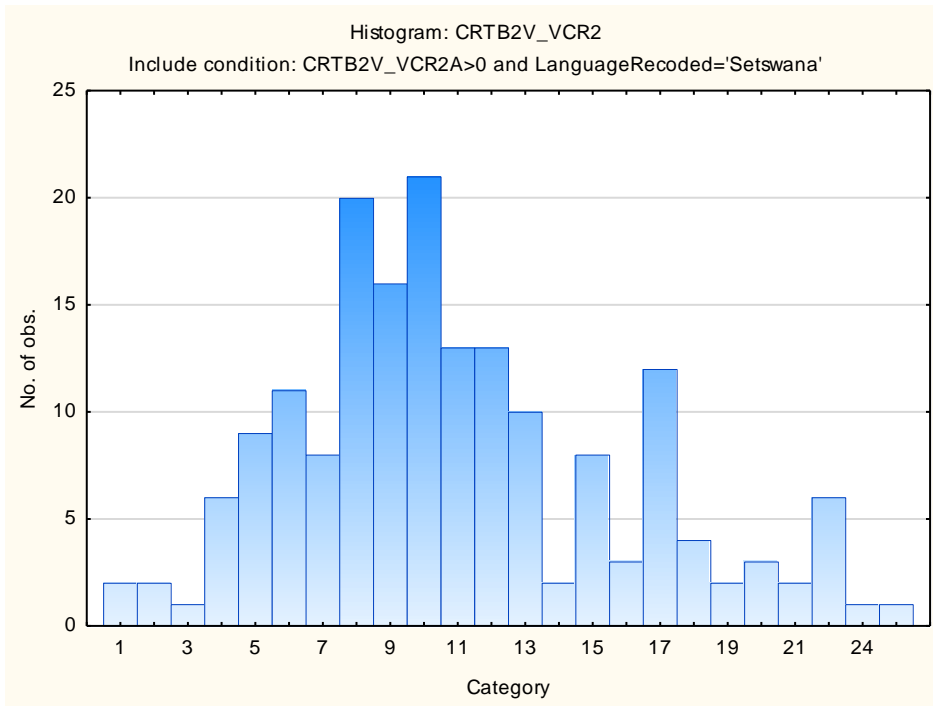
Variable	Descriptive Statistics					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Critical Numerical Reasoning Test	5,78652	2,995182	0,000000	16,00000	178	0
Critical Numerical Reasoning Items Attempted	16,49438	5,193702	4,000000	25,00000	178	0





## Critical Verbal Reasoning Test

Variable	Descriptive Statistics					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Critical Verbal Reasoning Test	11,00000	4,943105	1,000000	25,00000	176	0
Critical Verbal Reasoning Items Attempted	25,54545	8,198828	6,000000	40,00000	176	0



## Stanine table

Subtests	Stanine Groups								
	S9_1	S9_2	S9_3	S9_4	S9_5	S9_6	S9_7	S9_8	S9_9
Critical Numerical Reasoning	1-2	3-4	5-7	8-9	10-12	13-14	15-17	18-19	20-25
Critical Numerical Items Attempted	6-11	12-15	16-19	20-23	24-27	28-31	32-35	36-39	40-40
Critical Verbal Reasoning	0-0	1-2	3-3	4-5	6-6	7-8	9-9	10-11	12-16
Critical Verbal Items Attempted	4-7	8-10	11-12	13-15	16-17	18-20	21-22	23-25	