

Critical Reasoning Test (CRTB2)

Norm: South Africans, Sesotho Language Group, Updated 2016

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	113	113	46,12245	46,1224
M	132	245	53,87755	100,0000
Missing	0	245	0,00000	100,0000

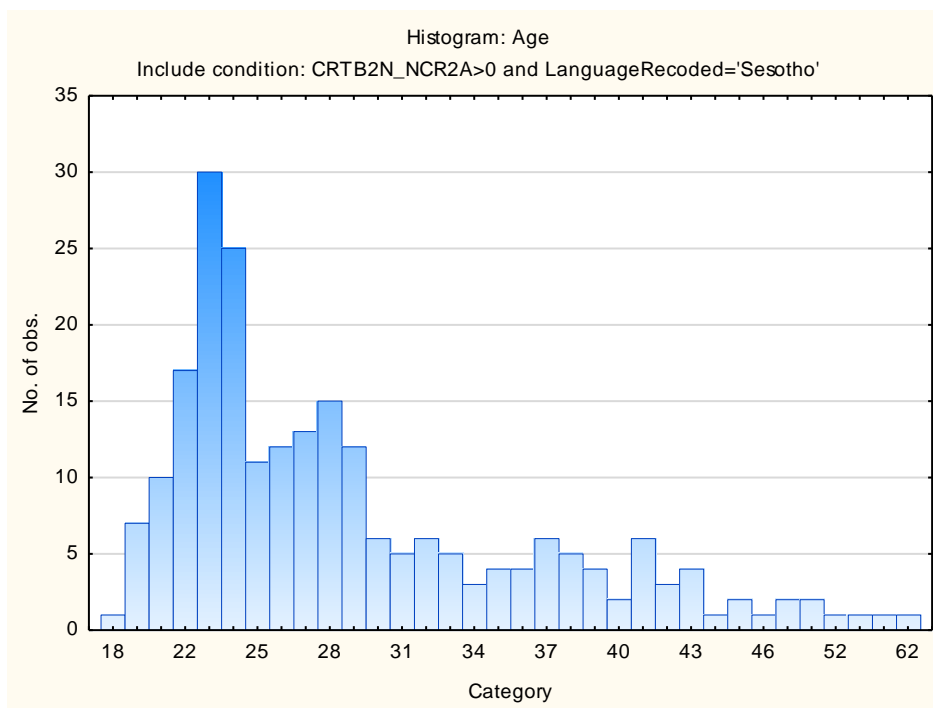
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Tertiary	157	157	64,08163	64,0816
Post Graduate	45	202	18,36735	82,4490
Grade 12	30	232	12,24490	94,6939
< Matric	1	233	0,40816	95,1020
Missing	12	245	4,89796	100,0000

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

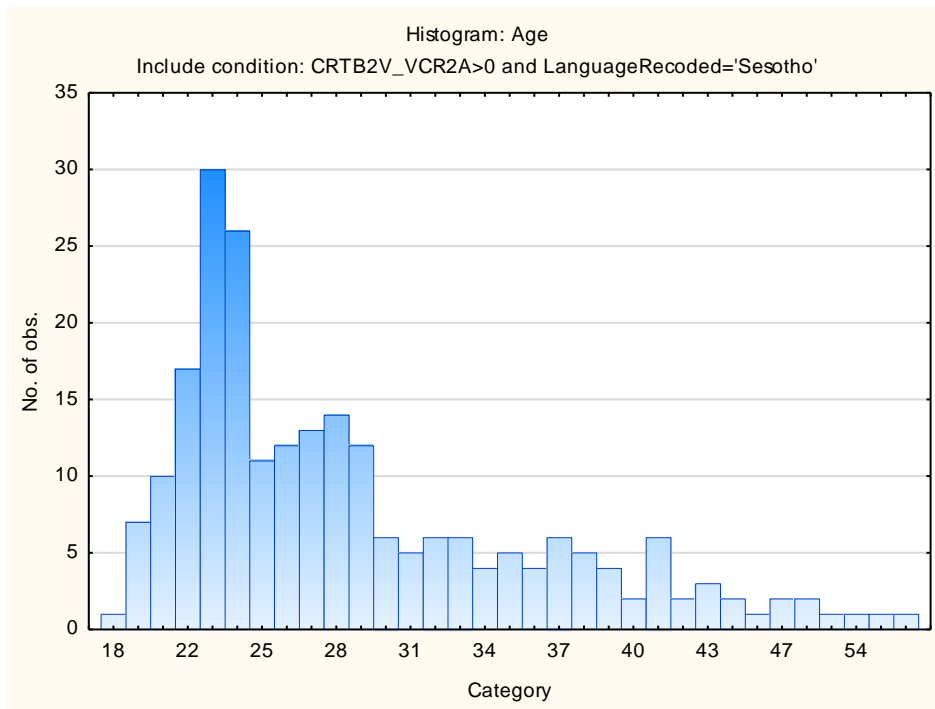
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Tertiary	158	158	64,22764	64,2276
Post Graduate	47	205	19,10569	83,3333
Grade 12	28	233	11,38211	94,7154
< Matric	1	234	0,40650	95,1220
Missing	12	246	4,87805	100,0000

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

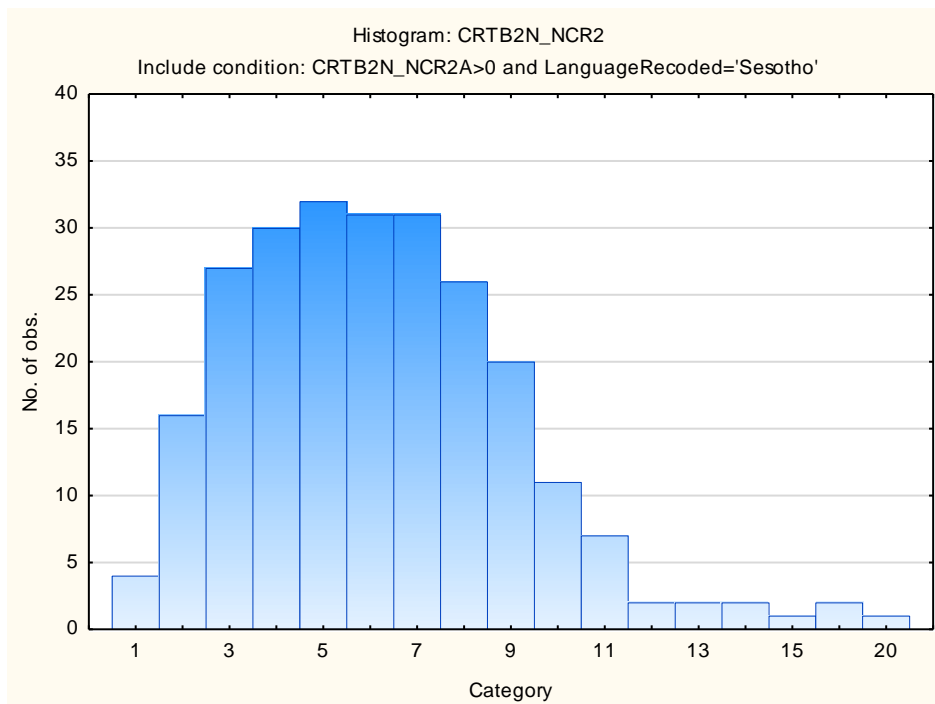
Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	28,82018	7,639922	18,00000	62,00000	228	18

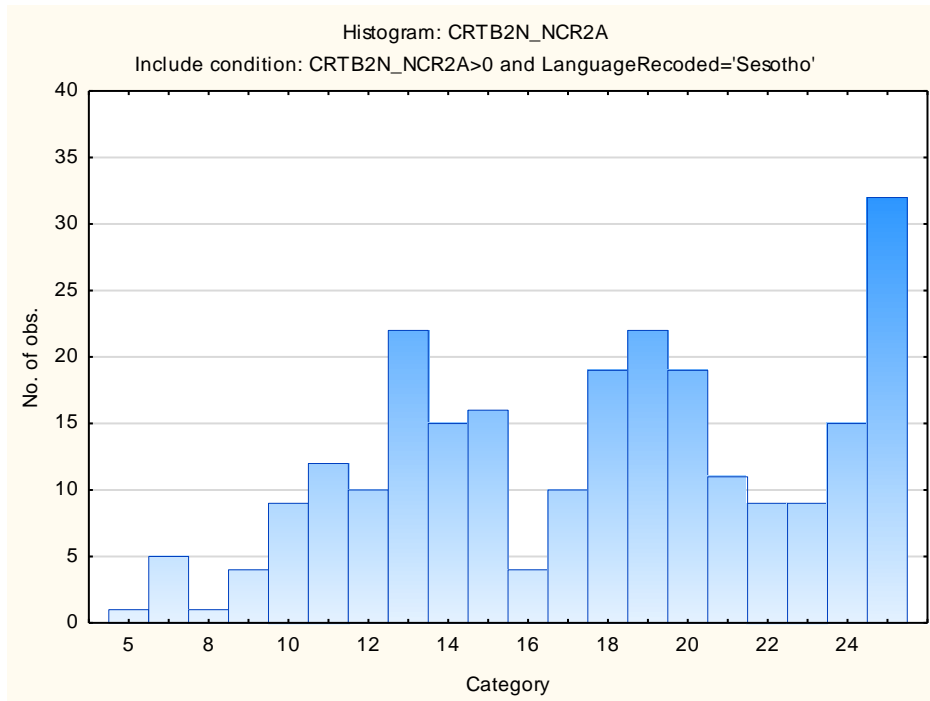


Descriptive statistics and frequency distributions on Critical Reasoning Test Battery subtests

Critical Numerical Reasoning Test

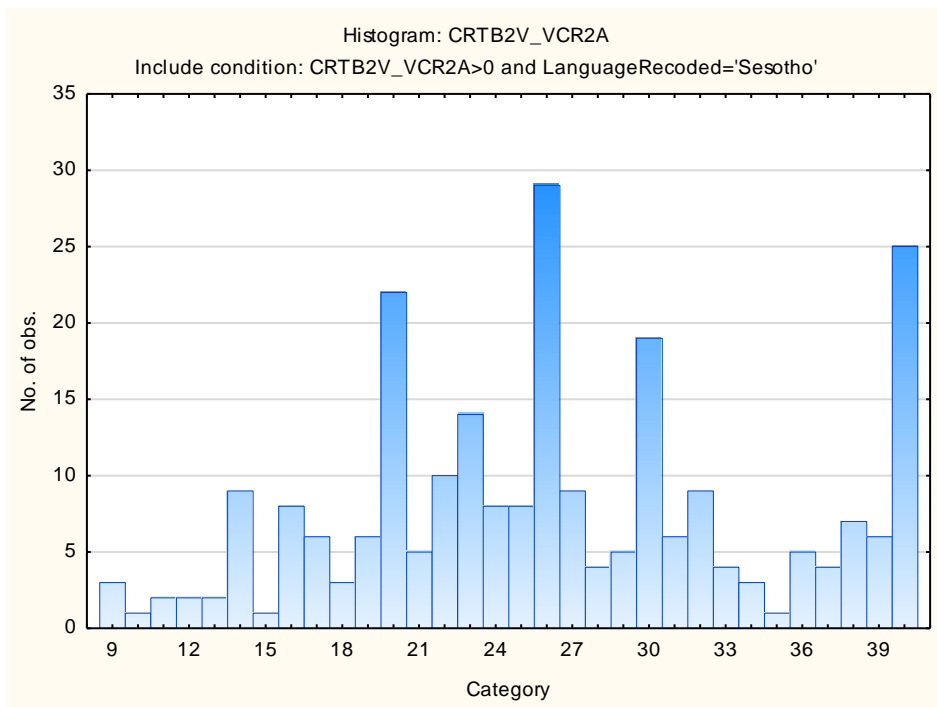
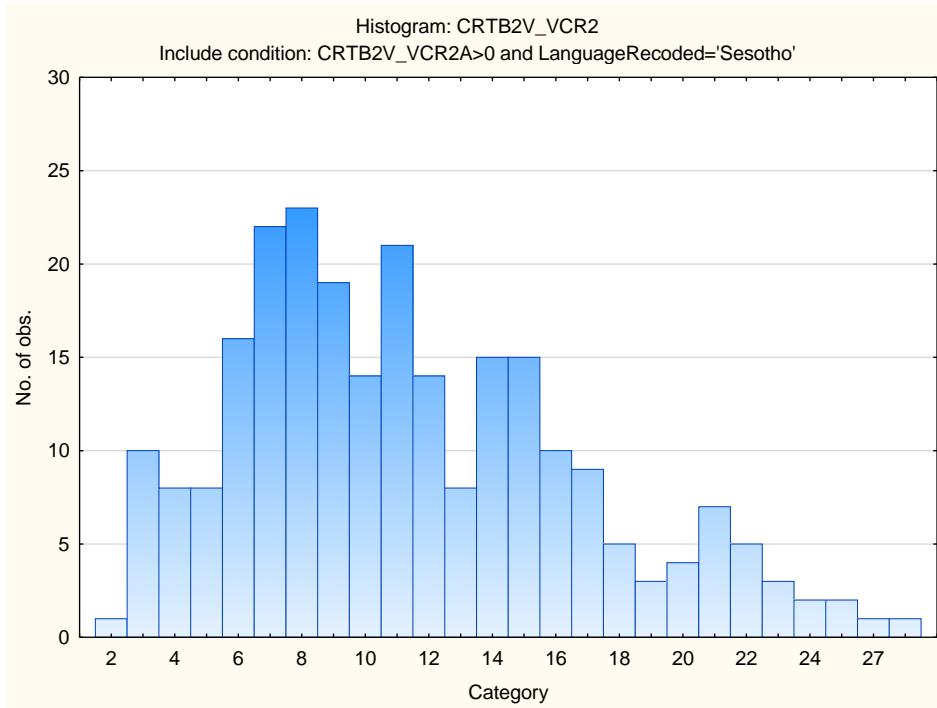
Variable	Descriptive Statistics					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Critical Numerical Reasoning Test	6,20408	2,990282	1,000000	20,00000	245	0
Critical Numerical Reasoning Items Attempted	17,68163	5,093860	5,000000	25,00000	245	0





Critical Verbal Reasoning Test

Variable	Descriptive Statistics					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Critical Verbal Reasoning Test	11,41463	5,433722	2,000000	28,00000	246	0
Critical Verbal Reasoning Items Attempted	26,51220	8,054271	9,000000	40,00000	246	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	2-1	2-4	5-7	8-10	11-12	13-15	16-18	19-20	21-28
Critical Numerical Items Attempted	9-12	13-16	17-20	21-24	25-28	29-32	33-36	37-40	
Critical Verbal Reasoning	1-0	1-2	3-3	4-5	6-6	7-8	9-9	10-11	12-20
Critical Verbal Items Attempted	5-8	9-11	12-13	14-16	17-18	19-21	22-24	25-25	

