

Critical Reasoning Test (CRTB2)

Norm: South Africans, Afrikaans 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

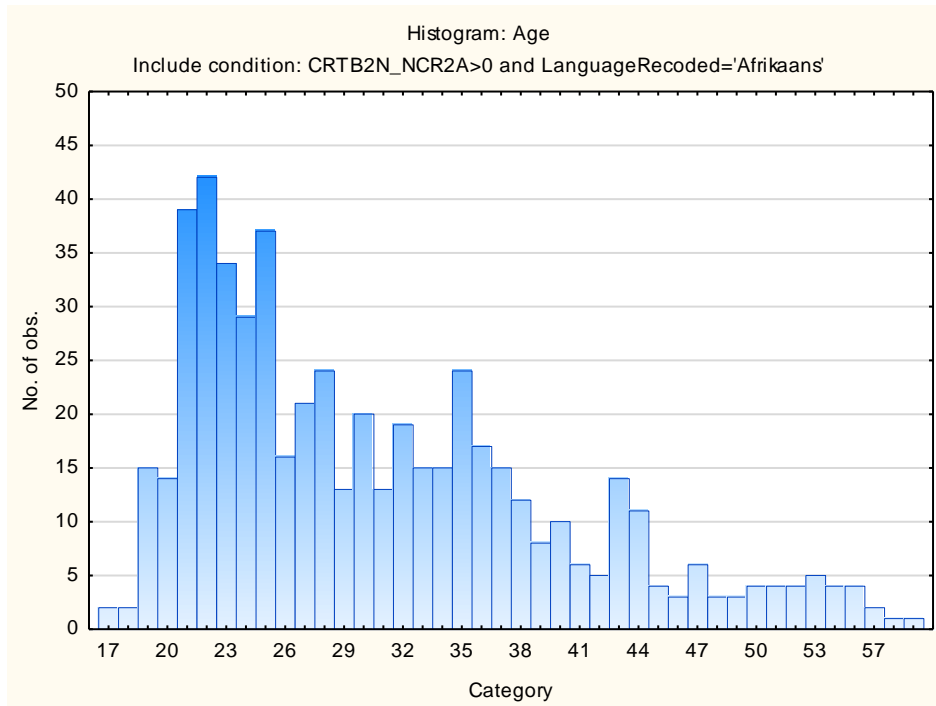
Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
F	219	219	37,69363	37,6936
M	358	577	61,61790	99,3115
U	4	581	0,68847	100,0000
Missing	0	581	0,00000	100,0000

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

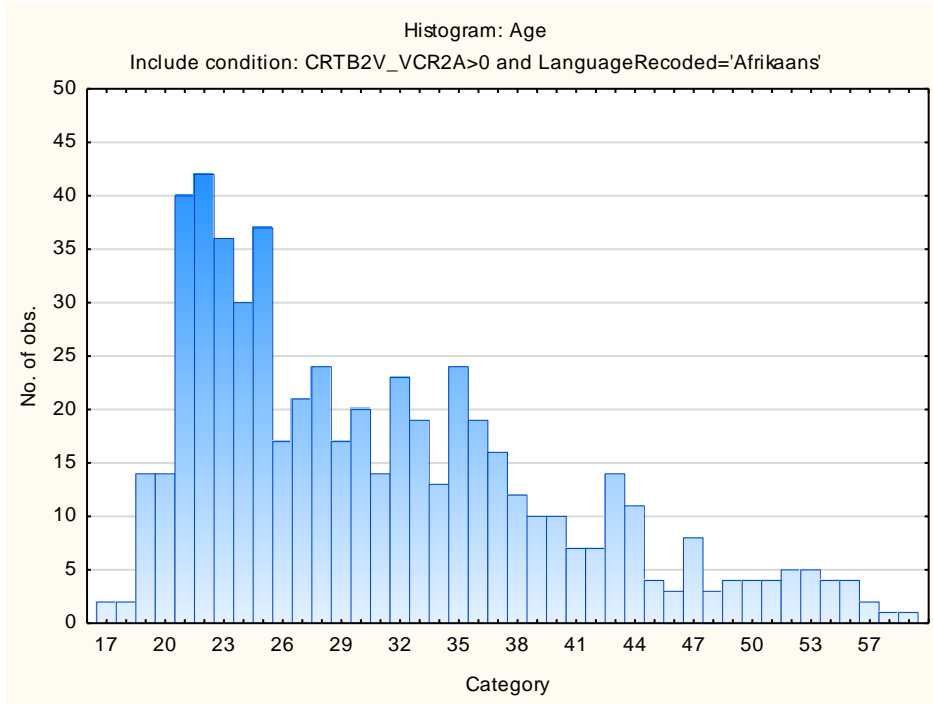
Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
F	226	226	36,98854	36,9885
M	382	608	62,52046	99,5090
U	3	611	0,49100	100,0000
Missing	0	611	0,00000	100,0000

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

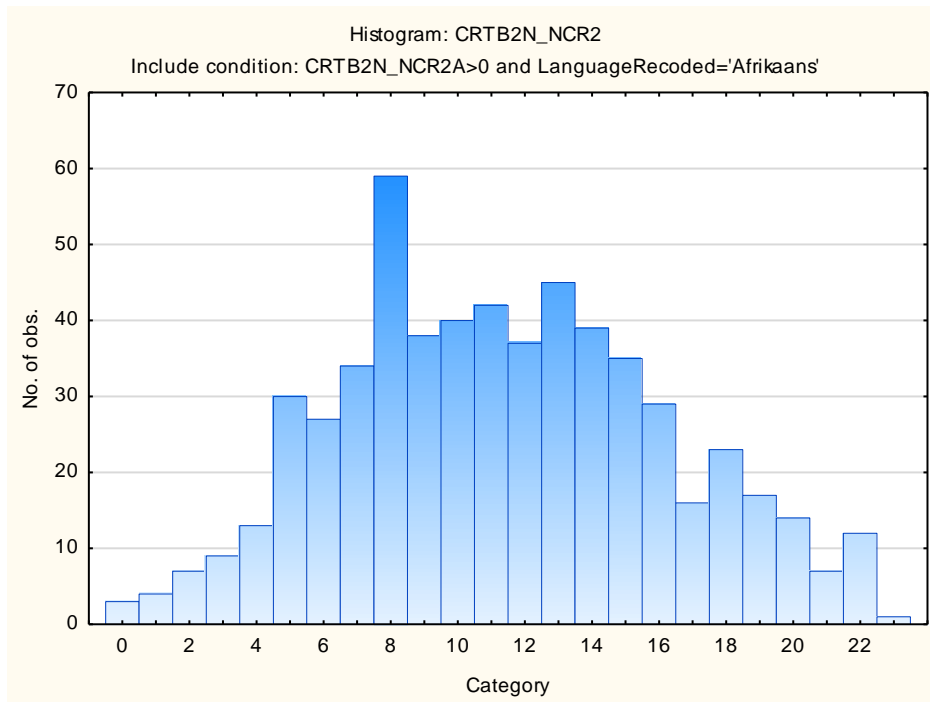
Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	30,91711	9,212174	17,00000	62,00000	567	44

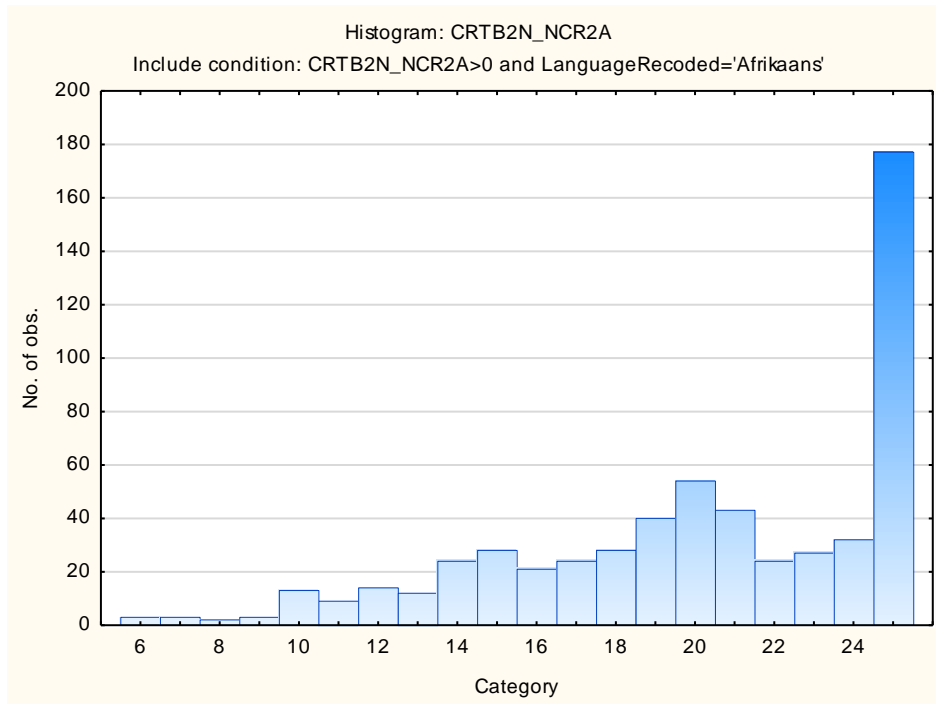


Descriptive statistics and frequency distributions on Critical Reasoning Test Battery subtests

Critical Numerical Reasoning Test

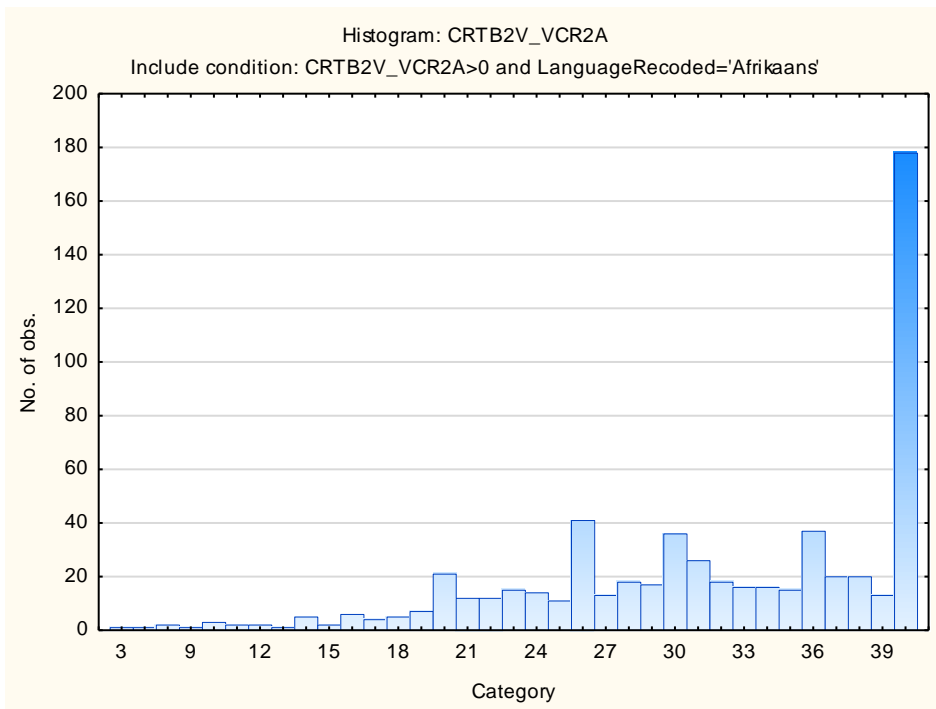
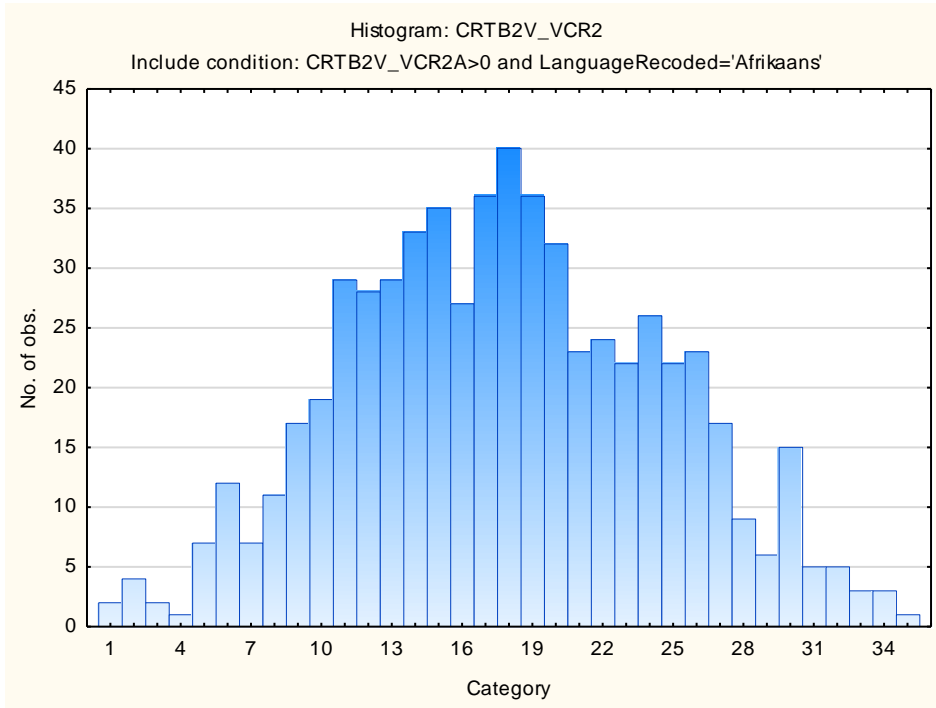
Variable	Descriptive Statistics					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Critical Numerical Reasoning Test	11,37866	4,838904	0,000000	24,00000	581	0
Critical Numerical Reasoning Items Attempted	20,17900	4,702784	6,000000	25,00000	581	0





Critical Verbal Reasoning Test

Variable	Descriptive Statistics					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Critical Verbal Reasoning Test	17,82488	6,702613	1,000000	37,00000	611	0
Critical Verbal Reasoning Items Attempted	31,80360	7,929860	3,000000	40,00000	611	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	0-5	6-9	10-12	13-16	17-19	20-22	23-26	27-29	30-37
Critical Numerical Items Attempted	3-17	18-21	22-25	26-29	30-33	34-37	38-40		
Critical Verbal Reasoning	0-2	3-4	5-7	8-9	10-12	13-14	15-17	18-20	21-24
Critical Verbal Items Attempted	6-11	12-14	15-16	17-19	20-21	22-23	24-25		