

Clerical Test Battery (CTB2)

Reliability: SA Xitsonga Language Speakers, Updated 2022

Sample Composition

The sample consisted of respondents who had completed any of the subtests of the Clerical Test Battery (CTB2) battery in the period March 2013 to March 2022. Since not all the respondents completed all the subtests, biographical information is reported separately.

Sample Composition: Clerical Checking Subtest (CTB2C)

Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
F	81	81	46.02273	46.0227
M	94	175	53.40909	99.4318
Missing	1	176	0.56818	100.0000

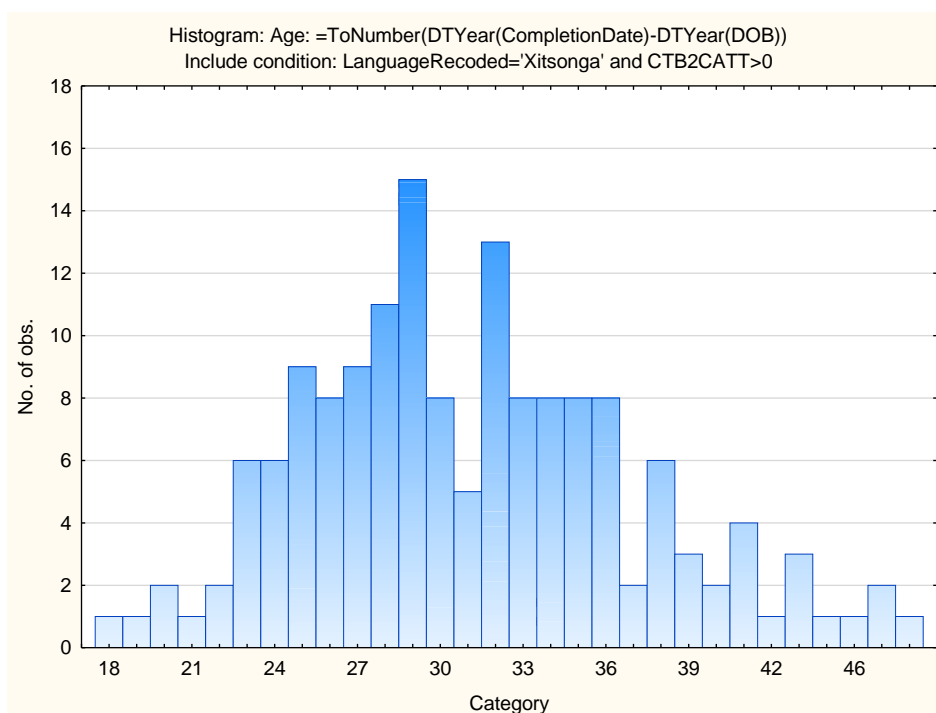
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Grade 12	51	51	28.97727	28.9773
Tertiary Cert / Trade	69	120	39.20455	68.1818
Tertiary	42	162	23.86364	92.0455
Post Graduate	11	173	6.25000	98.2955
< Matric	1	174	0.56818	98.8636
Missing	2	176	1.13636	100.0000

Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
African	173	173	98.29545	98.2955
European	1	174	0.56818	98.8636
Missing	2	176	1.13636	100.0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
Xitsonga	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

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	31.14194	6.110921	18.00000	51.00000	155	21



Sample Composition: Numerical Subtest (CTB2N)

Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
F	80	80	45.71429	45.7143
M	94	174	53.71429	99.4286
Missing	1	175	0.57143	100.0000

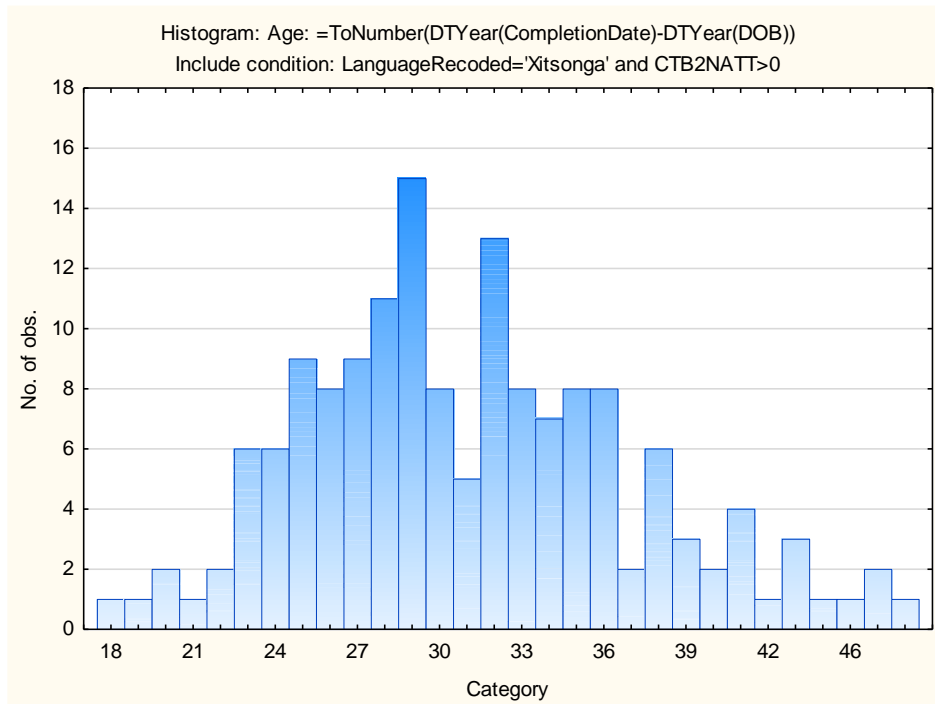
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Grade 12	51	51	29.14286	29.1429
Tertiary Cert / Trade	68	119	38.85714	68.0000
Tertiary	42	161	24.00000	92.0000
Post Graduate	11	172	6.28571	98.2857
< Matric	1	173	0.57143	98.8571
Missing	2	175	1.14286	100.0000

Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
African	172	172	98.28571	98.2857
European	1	173	0.57143	98.8571
Missing	2	175	1.14286	100.0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
Xitsonga	175	175	100.0000	100.0000
Missing	0	175	0.0000	100.0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Indigenous	175	175	100.0000	100.0000
Missing	0	175	0.0000	100.0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	31.12338	6.126475	18.00000	51.00000	154	21



Sample Composition: Clerical Spelling Subtest (CTB2S)

Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
F	76	76	46.34146	46.3415
M	87	163	53.04878	99.3902
Missing	1	164	0.60976	100.0000

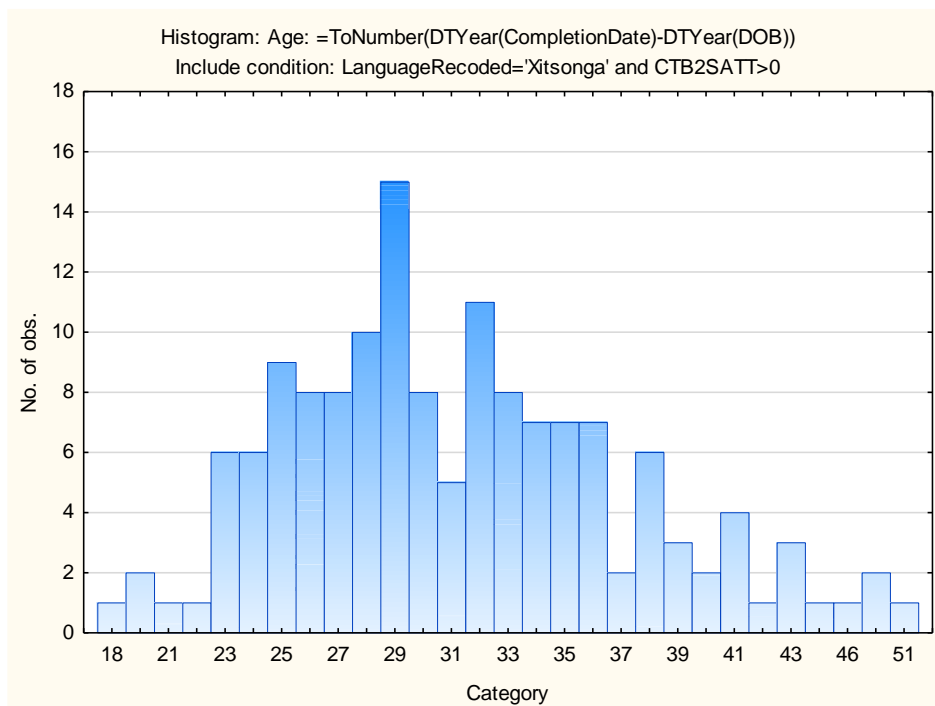
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Grade 12	50	50	30.48780	30.4878
Tertiary Cert / Trade	63	113	38.41463	68.9024
Tertiary	40	153	24.39024	93.2927
Post Graduate	10	163	6.09756	99.3902
Missing	1	164	0.60976	100.0000

Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
African	161	161	98.17073	98.1707
European	1	162	0.60976	98.7805
Missing	2	164	1.21951	100.0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
Xitsonga	164	164	100.0000	100.0000
Missing	0	164	0.0000	100.0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Indigenous	164	164	100.0000	100.0000
Missing	0	164	0.0000	100.0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	31.24658	6.126890	18.00000	51.00000	146	18



Sample Composition: Clerical Verbal Subtest (CTB2V)

Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
F	76	76	45.23810	45.2381
M	91	167	54.16667	99.4048
Missing	1	168	0.59524	100.0000

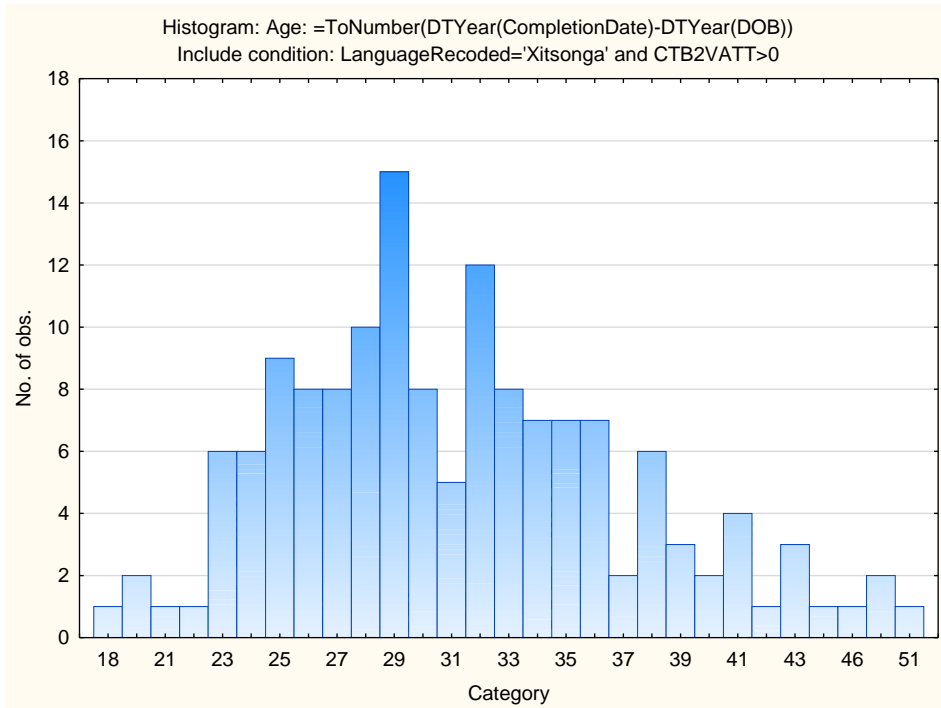
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Grade 12	50	50	29.76190	29.7619
Tertiary Cert / Trade	65	115	38.69048	68.4524
Tertiary	40	155	23.80952	92.2619
Post Graduate	10	165	5.95238	98.2143
< Matric	1	166	0.59524	98.8095
Missing	2	168	1.19048	100.0000

Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
African	165	165	98.21429	98.2143
European	1	166	0.59524	98.8095
Missing	2	168	1.19048	100.0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
Xitsonga	168	168	100.0000	100.0000
Missing	0	168	0.0000	100.0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Indigenous	168	168	100.0000	100.0000
Missing	0	168	0.0000	100.0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	31.25170	6.106188	18.00000	51.00000	147	21



Cronbach Coefficient Alpha for Clerical Test Battery Subtests:

Subtest	Cronbach Coefficient Alpha
Clerical Checking Test	0.79
Numerical Reasoning Test	0.71
Spelling Test	0.77
Verbal Reasoning Test	0.90