

Clerical Test Battery (CTB2)

Reliability: SA Setswana 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	328	328	62.12121	62.1212
M	200	528	37.87879	100.0000
Missing	0	528	0.00000	100.0000

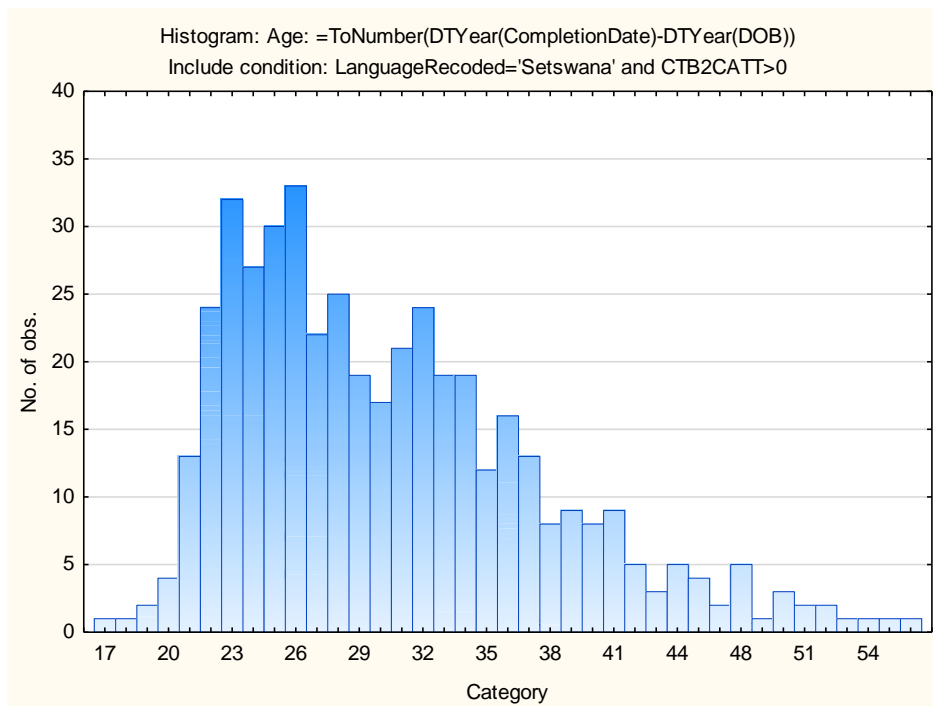
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Grade 12	199	199	37.68939	37.6894
Tertiary Cert / Trade	186	385	35.22727	72.9167
Tertiary	106	491	20.07576	92.9924
Post Graduate	26	517	4.92424	97.9167
< Matric	3	520	0.56818	98.4848
Missing	8	528	1.51515	100.0000

Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
Coloured	6	6	1.13636	1.1364
African	510	516	96.59091	97.7273
Missing	12	528	2.27273	100.0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
Setswana	528	528	100.0000	100.0000
Missing	0	528	0.0000	100.0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Indigenous	528	528	100.0000	100.0000
Missing	0	528	0.0000	100.0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	30.43468	7.377457	17.00000	58.00000	444	84



Sample Composition: Numerical Subtest (CTB2N)

Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
F	325	325	62.02290	62.0229
M	199	524	37.97710	100.0000
Missing	0	524	0.00000	100.0000

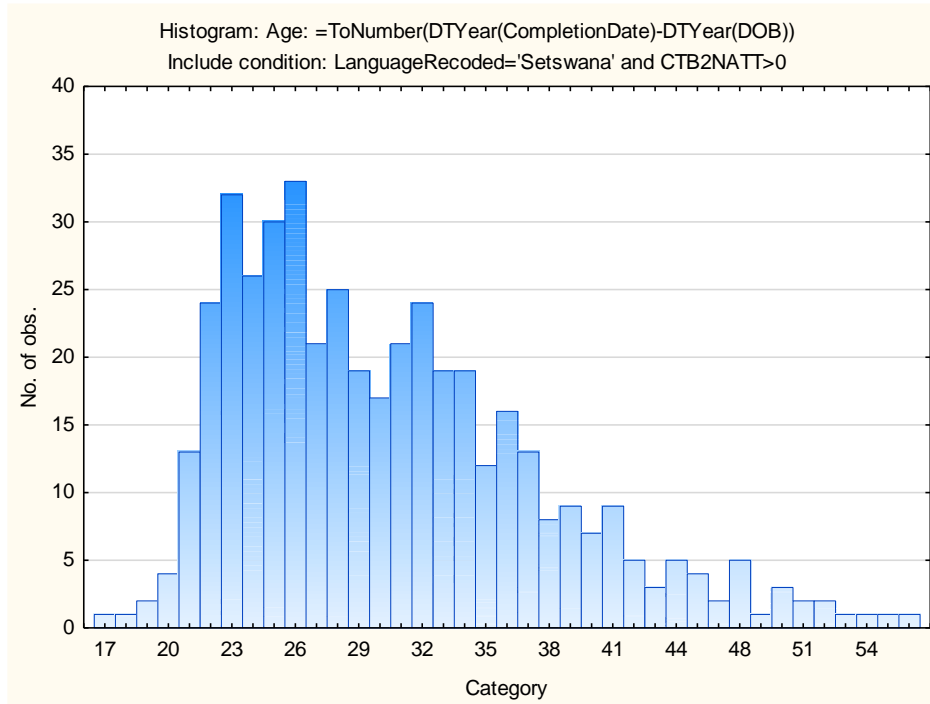
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Grade 12	197	197	37.59542	37.5954
Tertiary Cert / Trade	184	381	35.11450	72.7099
Tertiary	106	487	20.22901	92.9389
Post Graduate	26	513	4.96183	97.9008
< Matric	3	516	0.57252	98.4733
Missing	8	524	1.52672	100.0000

Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
Coloured	6	6	1.14504	1.1450
African	506	512	96.56489	97.7099
Missing	12	524	2.29008	100.0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
Setswana	524	524	100.0000	100.0000
Missing	0	524	0.0000	100.0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Indigenous	524	524	100.0000	100.0000
Missing	0	524	0.0000	100.0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	30.43537	7.380319	17.00000	58.00000	441	83



Sample Composition: Clerical Spelling Subtest (CTB2S)

Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
F	305	305	62.50000	62.5000
M	183	488	37.50000	100.0000
Missing	0	488	0.00000	100.0000

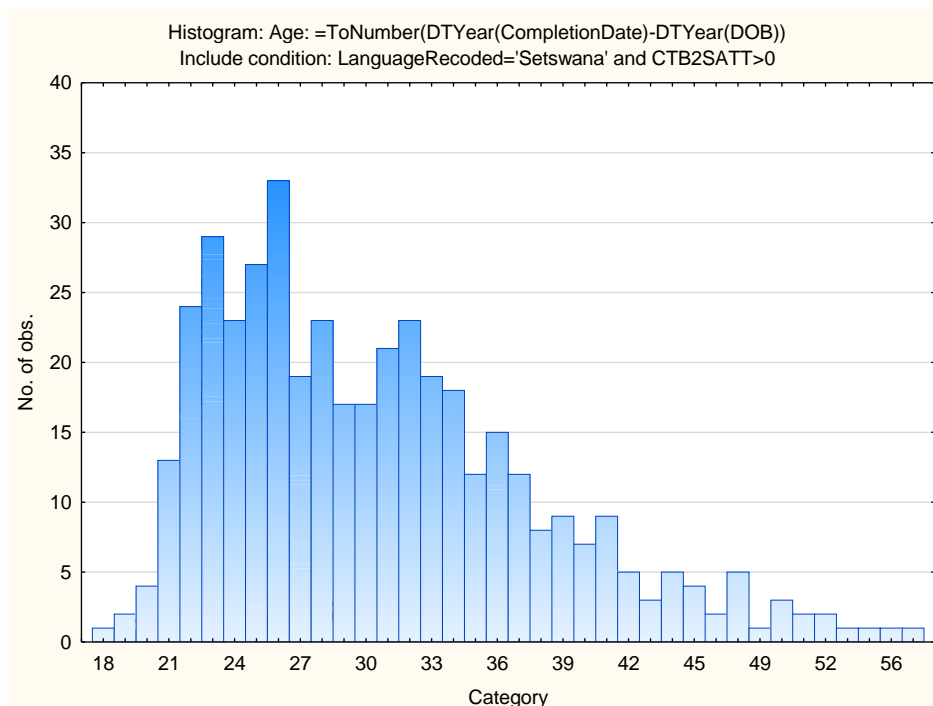
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Grade 12	187	187	38.31967	38.3197
Tertiary Cert / Trade	169	356	34.63115	72.9508
Tertiary	100	456	20.49180	93.4426
Post Graduate	25	481	5.12295	98.5656
< Matric	3	484	0.61475	99.1803
Missing	4	488	0.81967	100.0000

Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
Coloured	6	6	1.22951	1.2295
African	470	476	96.31148	97.5410
Missing	12	488	2.45902	100.0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
Setswana	488	488	100.0000	100.0000
Missing	0	488	0.0000	100.0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Indigenous	488	488	100.0000	100.0000
Missing	0	488	0.0000	100.0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	30.59857	7.442983	18.00000	58.00000	421	67



Sample Composition: Clerical Verbal Subtest (CTB2V)

Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
F	310	310	62.12425	62.1242
M	189	499	37.87575	100.0000
Missing	0	499	0.00000	100.0000

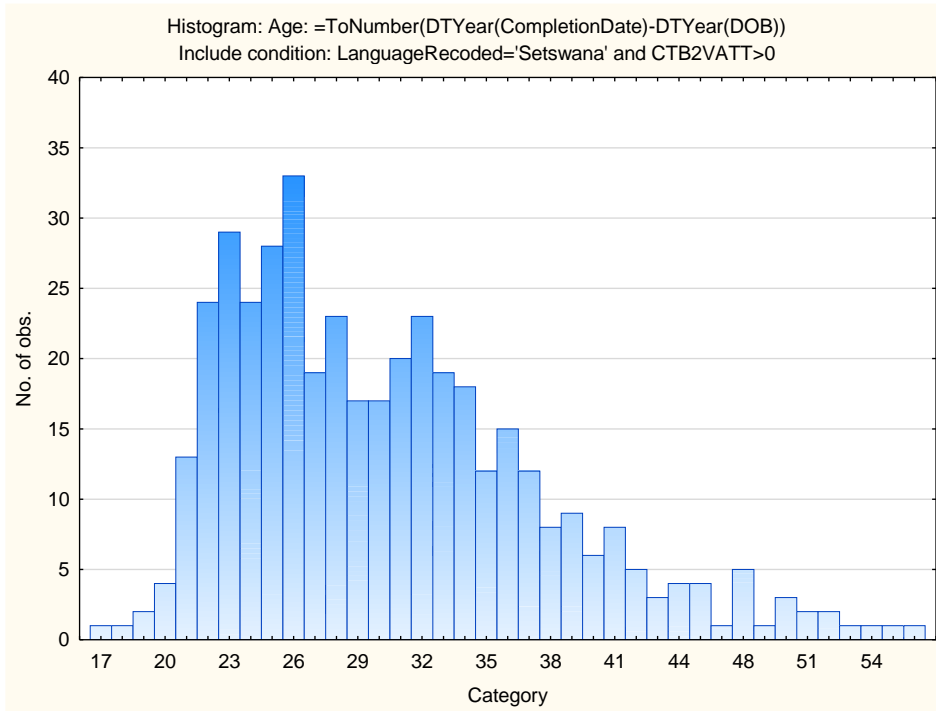
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Grade 12	189	189	37.87575	37.8758
Tertiary Cert / Trade	174	363	34.86974	72.7455
Tertiary	101	464	20.24048	92.9860
Post Graduate	25	489	5.01002	97.9960
< Matric	2	491	0.40080	98.3968
Missing	8	499	1.60321	100.0000

Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
Coloured	6	6	1.20240	1.2024
African	481	487	96.39279	97.5952
Missing	12	499	2.40481	100.0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
Setswana	499	499	100.0000	100.0000
Missing	0	499	0.0000	100.0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Indigenous	499	499	100.0000	100.0000
Missing	0	499	0.0000	100.0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	30.41766	7.396480	17.00000	58.00000	419	80



Cronbach Coefficient Alpha for Clerical Test Battery Subtests:

Subtest	Cronbach Coefficient Alpha
Clerical Checking Test	0.82
Numerical Reasoning Test	0.75
Spelling Test	0.77
Verbal Reasoning Test	0.93