

# Technical Test Battery (TTB2)

## Norm Group: SA Setswana Speakers, Updated 2016

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### Norm Type:

Standard Deviation Norm

### Sample Composition

The sample consisted of respondents who had completed any of the subtests of the Technical Test Battery (TTB2) battery in the period up to June 2015, via GeneSys for Windows. Since not all the respondents completed all the subtests, biographical information is reported separately for the three tests.

### Mechanical Reasoning Test: Biographical Composition

Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
M	71	71	44,93671	44,9367
F	87	158	55,06329	100,0000
Missing	0	158	0,00000	100,0000

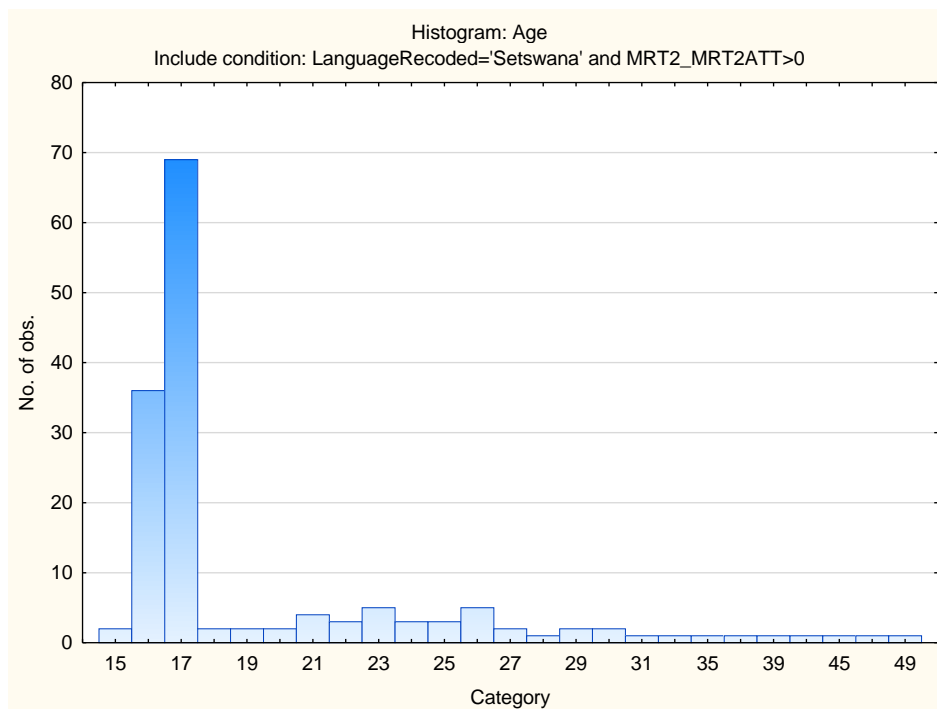
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Tertiary	13	13	8,22785	8,2278
< Matric	109	122	68,98734	77,2152
Grade 12	19	141	12,02532	89,2405
Missing	17	158	10,75949	100,0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
Setswana	158	158	100,0000	100,0000
Missing	0	158	0,0000	100,0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Indigenous	158	158	100,0000	100,0000
Missing	0	158	0,0000	100,0000

Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
African	158	158	100,0000	100,0000
Missing	0	158	0,0000	100,0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	19,69737	6,316214	15,00000	49,00000	152	6



## Spatial Reasoning Test: Biographical Composition

Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
M	35	35	81,39535	81,3953
F	8	43	18,60465	100,0000
Missing	0	43	0,00000	100,0000

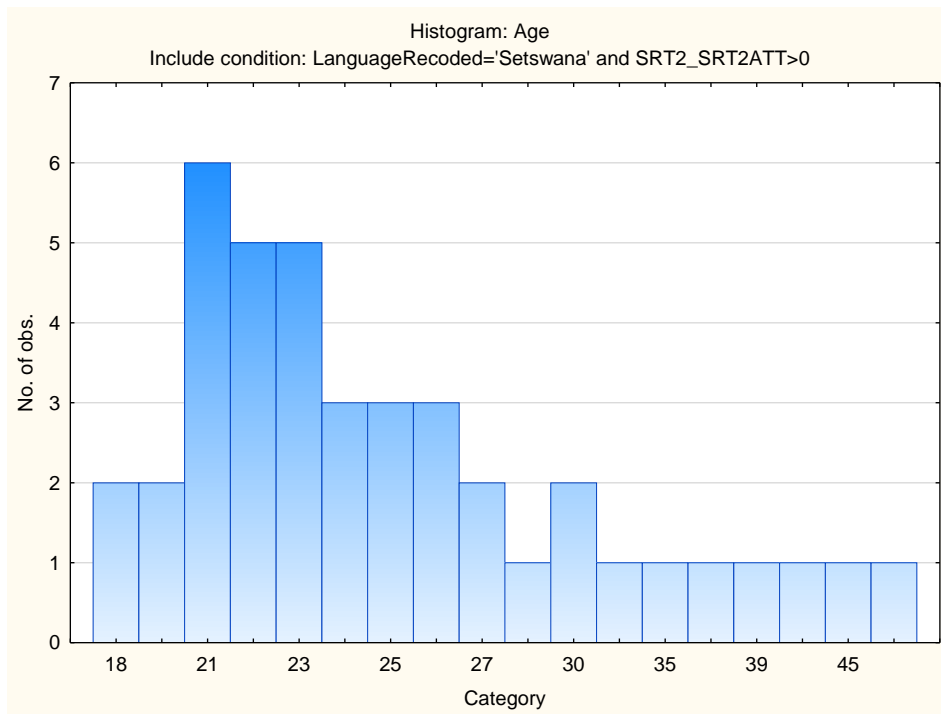
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Tertiary	14	14	32,55814	32,5581
Grade 12	14	28	32,55814	65,1163
Missing	15	43	34,88372	100,0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
Setswana	43	43	100,0000	100,0000
Missing	0	43	0,0000	100,0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Indigenous	43	43	100,0000	100,0000
Missing	0	43	0,0000	100,0000

Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
African	42	42	97,67442	97,6744
Missing	1	43	2,32558	100,0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	26,14634	7,268291	18,00000	49,00000	41	2

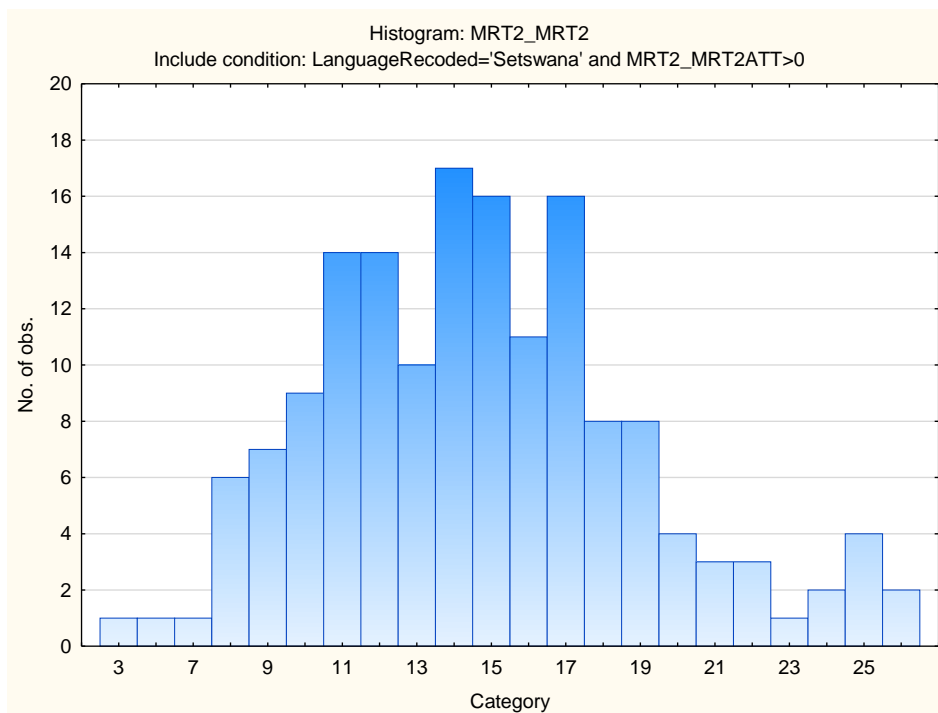


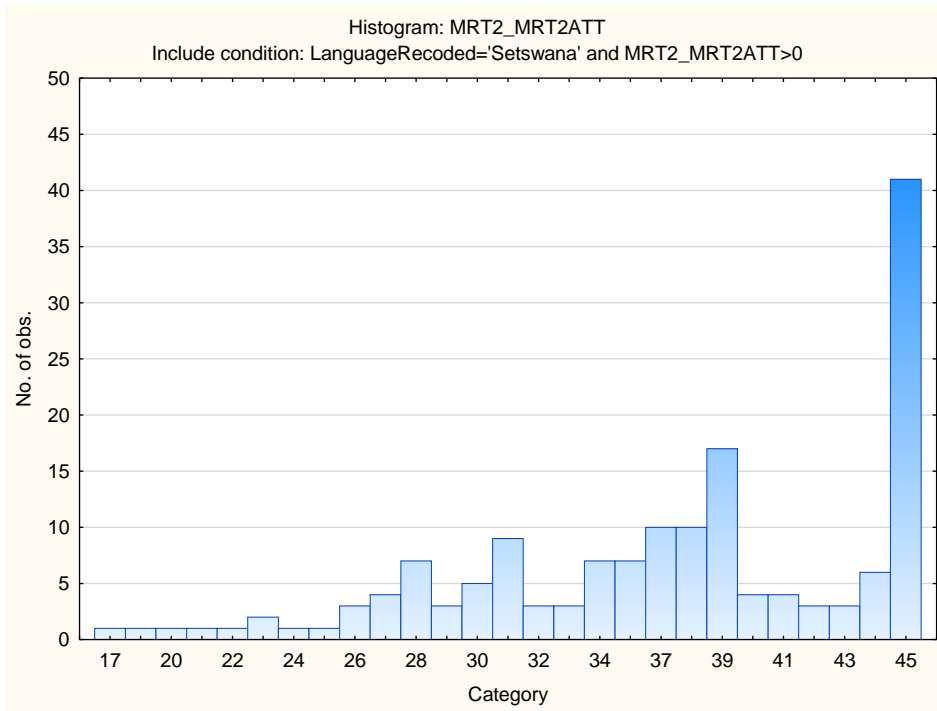
## Visual Acuity Test: Biographical Composition

One first language Setswana speaker completed the VAC.

## Descriptive Statistics on Technical Test Battery Subtests

Variable	Descriptive Statistics: Mechanical Reasoning Test					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases
Mechanical Reasoning	14,75316	4,488750	3,00000	30,00000	158	0
Mechanical Reasoning Items Attempted	37,20253	7,028386	17,00000	45,00000	158	0





## Stanine Table

Scales	Stanine Groups								
	S9_1	S9_2	S9_3	S9_4	S9_5	S9_6	S9_7	S9_8	S9_9
Mechanical Reasoning	3-6	7-9	10-11	12-13	14-15	16-18	19-20	21-22	23-30

There was insufficient data to provide a norm for either the SRT2 or the VAC.