

Technical Test Battery (TTB2)

Norm Group: SA Sesotho Speakers, Updated 2016

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	265	265	75,71429	75,7143
F	84	349	24,00000	99,7143
U	1	350	0,28571	100,0000
Missing	0	350	0,00000	100,0000

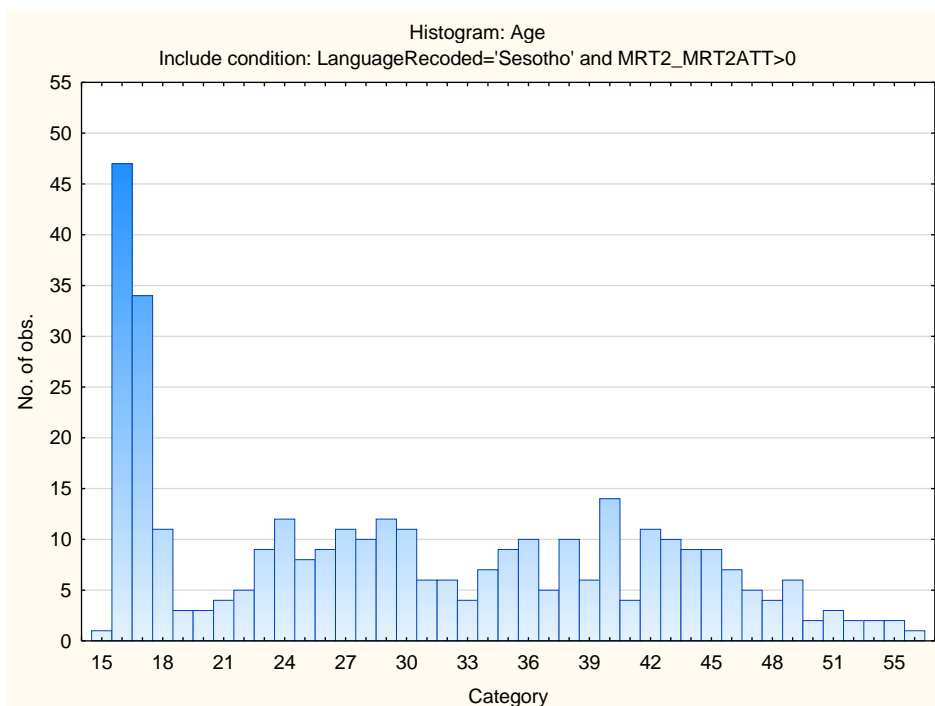
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Tertiary	34	34	9,71429	9,7143
< Matric	156	190	44,57143	54,2857
Grade 12	93	283	26,57143	80,8571
Missing	67	350	19,14286	100,0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
Sesotho	350	350	100,0000	100,0000
Missing	0	350	0,0000	100,0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Indigenous	350	350	100,0000	100,0000
Missing	0	350	0,0000	100,0000

Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
African	349	349	99,71429	99,7143
Coloured	1	350	0,28571	100,0000
Missing	0	350	0,00000	100,0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	30,09593	11,26100	15,00000	58,00000	344	6



Spatial Reasoning Test: Biographical Composition

Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
M	237	237	94,04762	94,0476
F	14	251	5,55556	99,6032
U	1	252	0,39683	100,0000
Missing	0	252	0,00000	100,0000

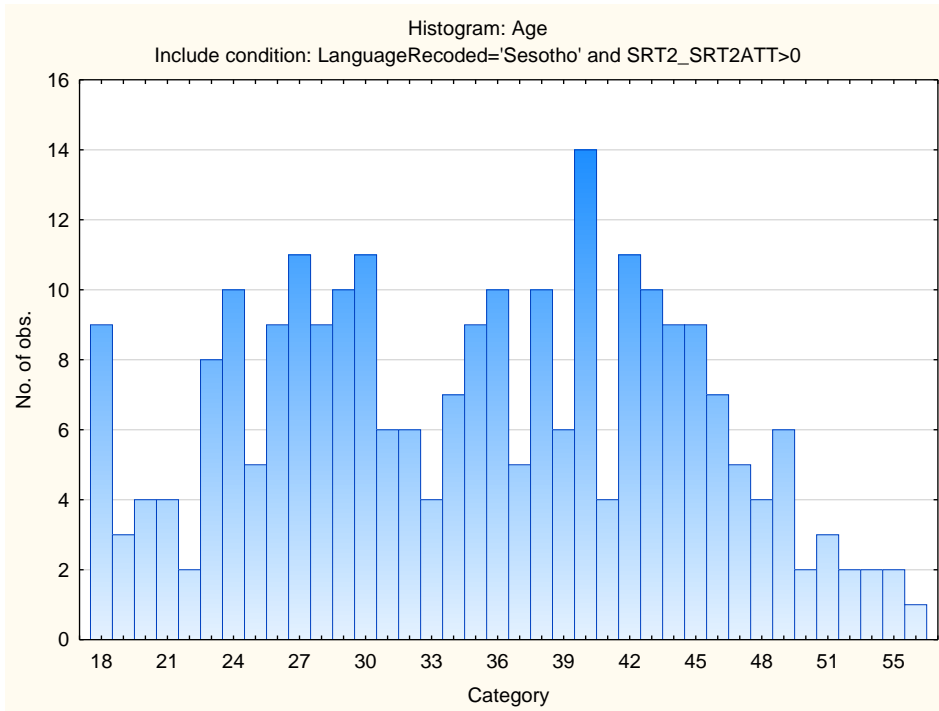
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Tertiary	38	38	15,07937	15,0794
< Matric	64	102	25,39683	40,4762
Grade 12	84	186	33,33333	73,8095
Missing	66	252	26,19048	100,0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
Sesotho	252	252	100,0000	100,0000
Missing	0	252	0,0000	100,0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Indigenous	252	252	100,0000	100,0000
Missing	0	252	0,0000	100,0000

Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
African	252	252	100,0000	100,0000
Missing	0	252	0,0000	100,0000

Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	34,91566	9,357856	18,00000	58,00000	249	3



Visual Acuity Test: Biographical Composition

Category	Frequency table: Sex			
	Count	Cumulative Count	Percent	Cumulative Percent
M	11	11	84,61538	84,6154
F	2	13	15,38462	100,0000
Missing	0	13	0,00000	100,0000

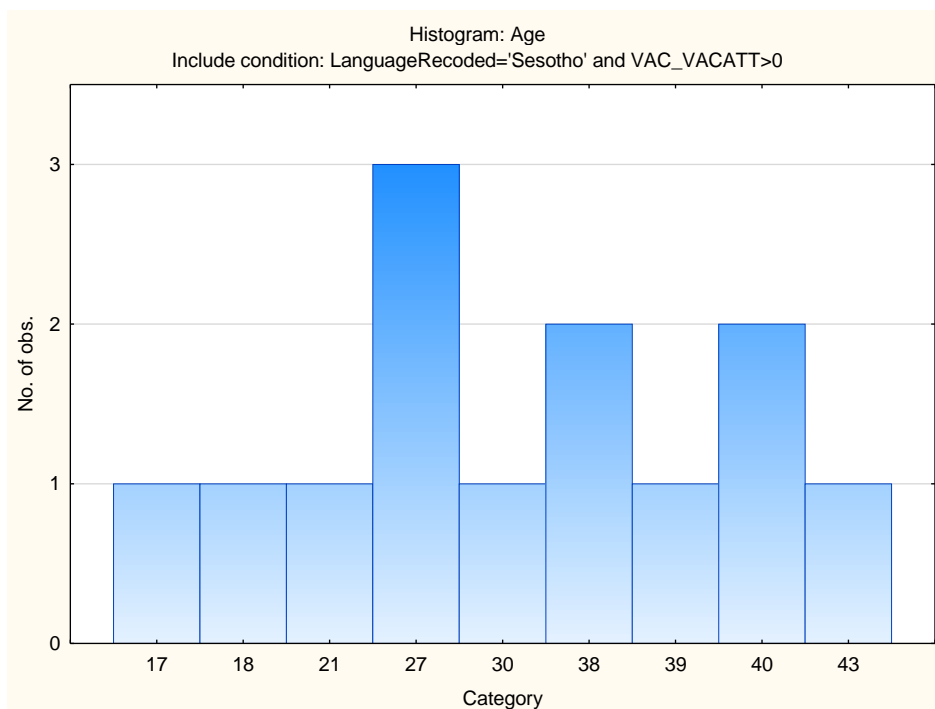
Category	Frequency table: Education			
	Count	Cumulative Count	Percent	Cumulative Percent
Tertiary	7	7	53,84615	53,8462
Grade 12	6	13	46,15385	100,0000
Missing	0	13	0,00000	100,0000

Category	Frequency table: Language			
	Count	Cumulative Count	Percent	Cumulative Percent
Sesotho	13	13	100,0000	100,0000
Missing	0	13	0,0000	100,0000

Category	Frequency table: Language Group			
	Count	Cumulative Count	Percent	Cumulative Percent
Indigenous	13	13	100,0000	100,0000
Missing	0	13	0,0000	100,0000

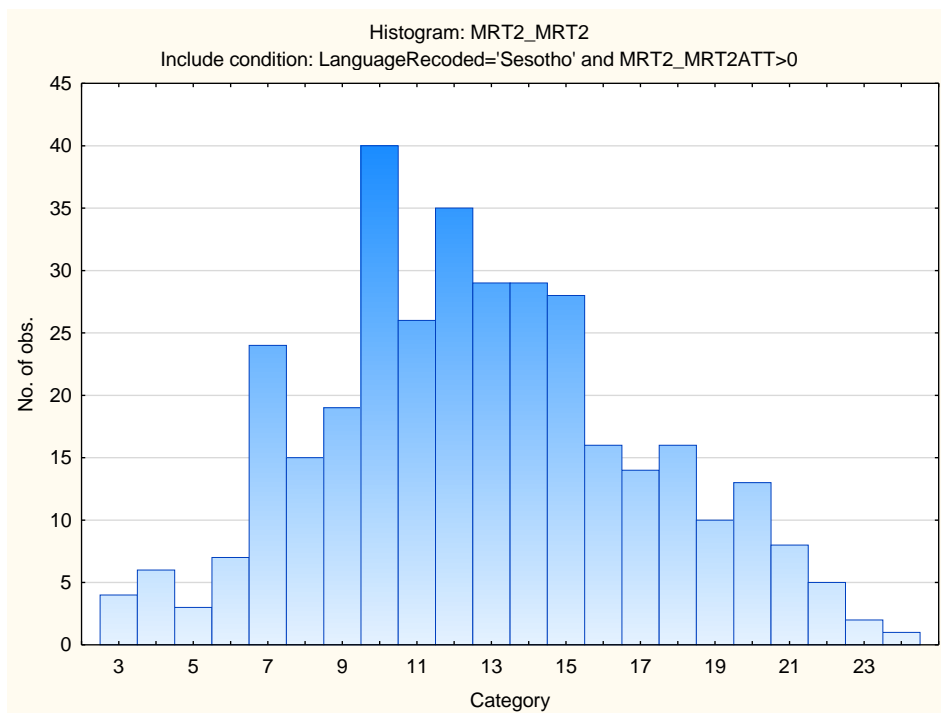
Category	Frequency table: Race			
	Count	Cumulative Count	Percent	Cumulative Percent
African	13	13	100,0000	100,0000
Missing	0	13	0,0000	100,0000

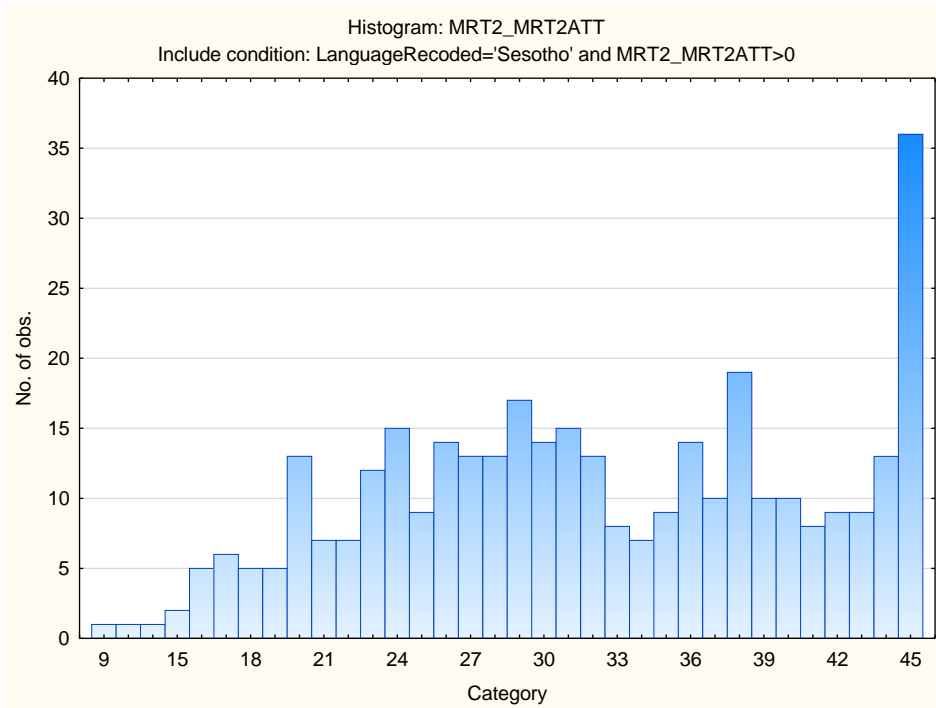
Variable	Descriptive Statistics: Age					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
Age	31,15385	9,044760	17,00000	43,00000	13	0



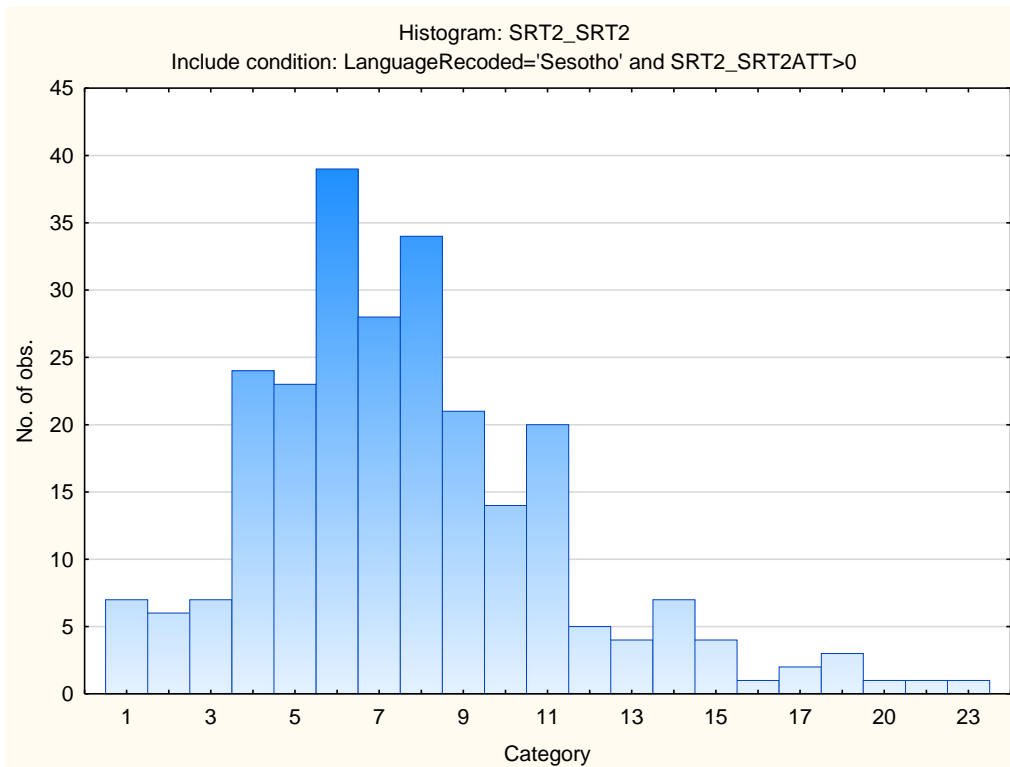
Descriptive Statistics on Technical Test Battery Subtests

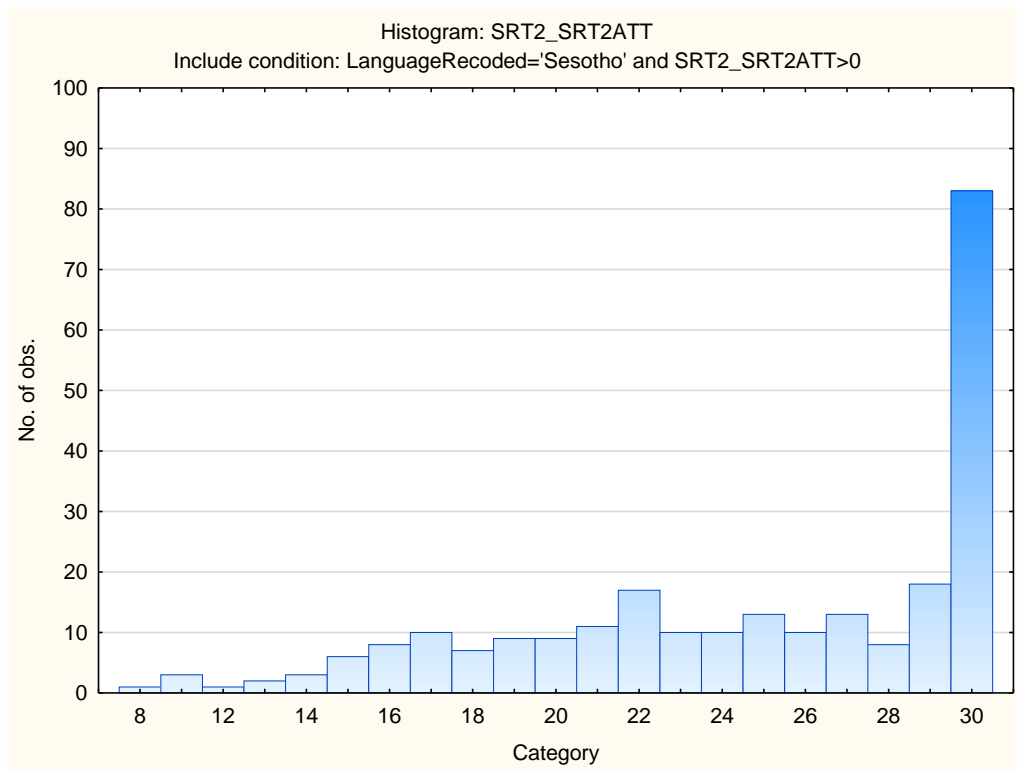
Variable	Descriptive Statistics: Mechanical Reasoning Test					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases
Mechanical Reasoning	12,68857	4,339812	3,000000	24,00000	350	0
Mechanical Reasoning Items Attempted	32,04286	8,686906	9,000000	45,00000	350	0





Variable	Descriptive Statistics: Spatial Reasoning Test					
	Mean	Std.Dev	Minimum	Maximum	N	No.cases
Spatial Reasoning	7,71032	3,734118	1,000000	23,00000	252	0
Spatial Reasoning Items Attempted	24,73413	5,405909	8,000000	30,00000	252	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	3-5	6-7	8-9	10-11	12-13	14-15	16-18	19-20	21-24
Spatial Reasoning	1-1	2-3	4-4	5-6	7-8	9-10	11-12	13-14	15-23

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