

## APPENDIX 1

*Table 1. Male performances on AVLT (version 1) and CFT (Rey): m (sd)*

AUDITORY VERBAL LEARNING TEST (AVLT version 1)							
gender	MALE						
educ	<i>≤12 j</i>			<i>&gt; 12 j</i>			
age	<i>≤30</i>	<i>30≤50</i>	<i>&gt;50</i>	<i>≤30</i>	<i>30≤50</i>	<i>&gt;50</i>	<i>&gt;50</i>
N	<i>16</i>	<i>11</i>	<i>23</i>	<i>37</i>	<i>16</i>	<i>16</i>	<i>16</i>
A 1	8.7 (2.0)	6.7 (1.6)	5.7 (1.8)	9.0 (2.4)	7.8 (2.0)	6.6 (2.0)	
A 2	11.7 (2.2)	7.6 (2.4)	8.2 (2.0)	12.3 (1.9)	11.0 (1.8)	9.4 (1.5)	
A 3	13.2 (1.2)	8.6 (3.3)	9.3 (2.5)	12.9 (1.7)	12.4 (1.1)	10.5 (1.8)	
A 4	13.2 (2.0)	10.8 (2.6)	10.6 (2.3)	13.6 (1.4)	12.9 (1.8)	11.6 (2.2)	
A 5	13.9 (1.6)	11.7 (2.4)	11.2 (1.9)	13.7 (1.4)	13.2 (1.4)	12.4 (1.9)	
Sum	60.7 (7.5)	45.5 (9.6)	44.9 (8.5)	61.5 (7.4)	56.9 (5.9)	50.4 (8.2)	
B	6.3 (2.2)	6.4 (1.9)	4.9 (1.9)	7.5 (2.2)	6.9 (1.4)	6.3 (2.2)	
A 6	12.5 (2.2)	9.6 (3.1)	8.6 (2.6)	12.6 (2.0)	12.4 (1.9)	9.6 (3.1)	
A 7	12.7 (2.0)	8.6 (4.2)	8.0 (3.0)	12.5 (2.1)	12.8 (2.2)	9.2 (2.9)	
A 8+	<i>14.4 (1.0)</i>	<i>13.1 (1.1)</i>	<i>12.6 (2.6)</i>	<i>14.5 (0.7)</i>	<i>14.3 (1.0)</i>	<i>13.4 (1.4)</i>	
A 8 -	<i>0.6 (1.5)</i>	<i>3.3 (2.9)</i>	<i>2.4 (2.4)</i>	<i>0.41 (0.9)</i>	<i>0.6 3 (1.4)</i>	<i>1.5 (1.5)</i>	
<i>Percentile ranks A 8+</i>							
10	<i>12.00</i>	<i>11.30</i>	<i>8.00</i>	<i>13.00</i>	<i>11.60</i>	<i>11.40</i>	
20	<i>14.00</i>	<i>12.00</i>	<i>12.00</i>	<i>14.00</i>	<i>13.20</i>	<i>12.40</i>	
30	<i>14.00</i>	<i>12.90</i>	<i>12.00</i>	<i>14.00</i>	<i>14.00</i>	<i>13.00</i>	
40	<i>14.80</i>	<i>13.00</i>	<i>13.00</i>	<i>15.00</i>	<i>14.00</i>	<i>13.00</i>	
50	<i>15.00</i>	<i>13.00</i>	<i>14.00</i>	<i>15.00</i>	<i>15.00</i>	<i>13.00</i>	
60	<i>15.00</i>	<i>13.00</i>	<i>14.00</i>	<i>15.00</i>	<i>15.00</i>	<i>14.00</i>	
70	<i>15.00</i>	<i>14.00</i>	<i>14.00</i>	<i>15.00</i>	<i>15.00</i>	<i>14.90</i>	
80	<i>15.00</i>	<i>14.00</i>	<i>15.00</i>	<i>15.00</i>	<i>15.00</i>	<i>15.00</i>	
90	<i>15.00</i>	<i>14.70</i>	<i>15.00</i>	<i>15.00</i>	<i>15.00</i>	<i>15.00</i>	
<i>Percentile ranks A 8 -</i>							
10	<i>3.20</i>	<i>7.00</i>	<i>6.00</i>	<i>2.00</i>	<i>3.40</i>	<i>4.00</i>	
20	<i>1.00</i>	<i>7.00</i>	<i>4.00</i>	<i>1.00</i>	<i>1.00</i>	<i>3.00</i>	
30	<i>0.90</i>	<i>6.10</i>	<i>4.00</i>	<i>0.00</i>	<i>0.00</i>	<i>2.90</i>	
40	<i>0.00</i>	<i>3.00</i>	<i>2.00</i>	<i>0.00</i>	<i>0.00</i>	<i>1.20</i>	
50	<i>0.00</i>	<i>2.50</i>	<i>2.00</i>	<i>0.00</i>	<i>0.00</i>	<i>1.00</i>	
60	<i>0.00</i>	<i>2.00</i>	<i>1.00</i>	<i>0.00</i>	<i>0.00</i>	<i>1.00</i>	
70	<i>0.00</i>	<i>1.80</i>	<i>0.50</i>	<i>0.00</i>	<i>0.00</i>	<i>0.10</i>	
80	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	
90	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	
For not normally distributed variables, percentile ranks are added in <i>italic</i>							
COMPLEX FIGURE TEST REY (CFT Rey)							
gender	MALE						
educ	<i>≤12 j</i>			<i>&gt; 12 j</i>			
age	<i>≤30</i>	<i>30≤50</i>	<i>&gt;50</i>	<i>≤30</i>	<i>30≤50</i>	<i>&gt;50</i>	<i>&gt;50</i>
N	<i>16</i>	<i>12</i>	<i>23</i>	<i>37</i>	<i>18</i>	<i>18</i>	<i>18</i>
copy	33.9 (2.1)	34.2 (1.8)	32.7 (2.6)	34.6 (1.3)	34.6 (1.3)	33.2 (2.8)	
N	25	30	48	54	44	21	
IR	24.0 (6.4)	23.0 (6.0)	19.0 (6.2)	28.4 (3.5)	24.5 (6.3)	22.8 (6.7)	
DR	23.2 (6.1)	21.5 (5.9)	17.5 (6.3)	28.6 (3.7)	24.2 (5.9)	20.1 (7.1)	

IR = immediate recall, DR= delayed recall

For not normally distributed variables, percentile ranks are added in *italic*

*Table 2. Female performances on AVLT (version 1) and CFT (Rey): m(sd)*

AUDITORY VERBAL LEARNING TEST (AVLT version 1)						
gender	FEMALE					
educ	<i>≤12 j</i>			<i>&gt; 12 j</i>		
age	<i>≤30</i>	<i>30≤50</i>	<i>&gt;50</i>	<i>≤30</i>	<i>30≤50</i>	<i>&gt;50 (51-76)</i>
AVLT version 1						
N	<b>8</b>	<b>20</b>	<b>22</b>	<b>19</b>	<b>26</b>	<b>7</b>
A 1	85 (2.8)	7.2 (1.5)	7.3 (2.1)	9.3 (2.1)	8.4 (1.9)	8.6 (1.6)
A 2	11.6 (2.2)	10.4 (2.1)	9.8 (2.5)	12.3 (1.7)	11.1 (2.2)	11.6 (1.1)
A 3	12.7 (2.1)	11.6 (2.1)	11.6 (2.5)	13.7 (1.2)	12.7 (1.6)	12.9 (1.1)
A 4	13.0 (2.0)	12.4 (1.9)	12.4 (2.2)	14.1 (1.1)	13.2 (1.6)	14.3 (0.7)
A 5	12.7 (2.3)	12.6 (1.9)	12.8 (2.2)	14.2 (1.1)	13.7 (1.7)	13.7 (1.2)
Sum	58.6 (10.3)	54.3 (8.0)	54.0 (9.6)	63.5 (5.6)	59.1 (7.5)	61.0 (4.8)
B	8.6 (1.7)	6.1 (2.0)	6.3 (2.3)	7.7 (3.2)	7.5 (2.4)	7.1 (2.2)
A 6	12.5 (1.9)	10.5 (2.9)	11.1 (3.1)	13.4 (1.9)	11.3 (3.4)	13.6 (1.4)
A 7	13.4 (1.5)	11.0 (2.9)	11.5 (2.9)	13.3 (1.8)	12.0 (2.1)	13.7 (1.1)
A 8 +	<i>14.7 (0.7)</i>	<i>13.8 (1.2)</i>	<i>13.5 (2.4)</i>	<i>14.7 (0.7)</i>	<i>14.0 (1.2)</i>	<i>14.9 (0.4)</i>
A 8 -	<i>0.4 (0.7)</i>	<i>1.1 (1.7)</i>	<i>1.0 (1.3)</i>	<i>0.2 (0.5)</i>	<i>0.7 (1.5)</i>	<i>0.0 (0.0)</i>

Percentile ranks A 8+

10	13.00	13.00	9.90	13.00	12.00	14.00
20	14.60	13.00	13.00	14.00	13.00	14.60
30	15.00	14.00	13.00	15.00	13.70	15.00
40	15.00	14.00	14.00	15.00	14.00	15.00
50	15.00	14.00	14.00	15.00	15.00	15.00
60	15.00	15.00	14.80	15.00	15.00	15.00
70	15.00	15.00	15.00	15.00	15.00	15.00
80	15.00	15.00	15.00	15.00	15.00	15.00
90	15.00	15.00	15.00	15.00	15.00	15.00

Percentile ranks A 8-

10	2.00	3.00	3.40	1.00	3.40	0.00
20	1.20	2.00	1.00	0.00	1.00	0.00
30	0.30	1.00	1.00	0.00	0.00	0.00
40	0.00	1.00	1.00	0.00	0.00	0.00
50	0.00	1.00	1.00	0.00	0.00	0.00
60	0.00	0.00	1.00	0.00	0.00	0.00
70	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00

For not normally distributed variables, percentile ranks are added in *italic*

!! Warning: because of the small number of volunteers in some cells (in bold) these data can not be seen as normative

COMPLEX FIGURE TEST REY (CFT Rey)						
gender	FEMALE					
educ	<i>≤12 j</i>			<i>&gt; 12 j</i>		
age	<i>≤30</i>	<i>30≤50</i>	<i>&gt;50</i>	<i>≤30</i>	<i>30≤50</i>	<i>&gt;50 (51-76)</i>
N	<b>8</b>	<b>19</b>	<b>25</b>	<b>18</b>	<b>26</b>	<b>8</b>
copy	34.9 (1.0)	34.3 (1.1)	33.1 (2.1)	34.7 (1.7)	34.7 (1.2)	33.6 (2.3)
N	25	30	48	54	44	21
IR	24.0 (6.4)	23.0 (6.0)	19.0 (6.2)	28.4 (3.5)	24.5 (6.3)	22.8 (6.7)
DR	23.2 (6.1)	21.5 (5.9)	17.5 (6.3)	28.6 (3.7)	24.2 (5.9)	20.1 (7.1)

IR = immediate recall, DR= delayed recall

For not normally distributed variables, percentile ranks are added in *italic*

!! Warning: because of the small number of volunteers in some cells (in bold) these data can not be seen as normative

Table 3. Male and Female performances on AVLT (version 2), Benton (form F), CFT (Taylor), VDLT : m (sd)

AUDITORY VERBAL LEARNING TEST (AVLT version 2)						
gender	MALE AND FEMALE					
educ	<i>≤12 j</i>			<i>&gt; 12 j</i>		
age	<i>≤30</i>	<i>30≤50</i>	<i>&gt;50</i>	<i>≤30</i>	<i>30≤50</i>	<i>&gt;50</i>
N	<i>14</i>	<i>16</i>	<i>36</i>	<i>17</i>	<i>24</i>	<i>36</i>
A 1	7.7 (1.9)	8.0 (2.4)	6.2 (1.7)	8.6 (1.8)	7.5 (1.5)	7.6 (2.0)
N	<i>31</i>	<i>40</i>	<i>72</i>	<i>31</i>	<i>40</i>	<i>72</i>
A 2	10.9 (2.0)	10.1 (2.6)	9.1 (2.3)	10.9 (2.0)	10.1 (2.6)	9.1 (2.3)
A 3	11.6 (2.0)	12.0 (2.2)	10.5 (2.2)	11.6 (2.0)	12.0 (2.2)	10.5 (2.2)
A 4	12.5 (2.0)	12.3 (1.9)	11.3 (1.7)	12.5 (2.0)	12.3 (1.9)	11.3 (1.7)
A 5	13.2 (2.1)	12.9 (1.9)	11.8 (2.1)	13.2 (2.1)	12.9 (1.9)	11.8 (2.1)
Sum	56.3 (8.1)	55.3 (8.5)	49.6 (8.2)	56.3 (8.1)	55.3 (8.5)	49.6 (8.2)
B	7.1 (2.3)	7.4 (1.8)	6.1 (2.1)	7.1 (2.3)	7.4 (1.8)	6.1 (2.1)
A 6	12.0 (2.7)	11.1 (2.7)	9.5 (2.7)	12.0 (2.7)	11.1 (2.7)	9.5 (2.7)
A 7	12.1 (2.8)	11.3 (2.7)	9.3 (2.9)	12.1 (2.8)	11.3 (2.7)	9.3 (2.9)
A 8 +	<i>14.5 (1.0)</i>	<i>13.6 (1.8)</i>	<i>13.8 (1.5)</i>	<i>14.5 (1.0)</i>	<i>13.6 (1.8)</i>	<i>13.8 (1.5)</i>
A 8 -	<i>0.4 (0.7)</i>	<i>1.1 (1.7)</i>	<i>1.0 (1.3)</i>	<i>0.2 (0.5)</i>	<i>0.7 (1.5)</i>	<i>0.0 (0.0)</i>
<i>Percentile ranks A 8+</i>						
10	<i>13.00</i>	<i>9.40</i>	<i>11.90</i>	<i>12.00</i>	<i>11.50</i>	<i>11.70</i>
20	<i>14.00</i>	<i>13.00</i>	<i>13.00</i>	<i>14.00</i>	<i>13.00</i>	<i>12.40</i>
30	<i>14.50</i>	<i>14.00</i>	<i>13.70</i>	<i>15.00</i>	<i>13.00</i>	<i>13.10</i>
40	<i>15.00</i>	<i>14.00</i>	<i>14.00</i>	<i>15.00</i>	<i>14.00</i>	<i>14.00</i>
50	<i>15.00</i>	<i>14.50</i>	<i>14.00</i>	<i>15.00</i>	<i>14.00</i>	<i>14.00</i>
60	<i>15.00</i>	<i>15.00</i>	<i>15.00</i>	<i>15.00</i>	<i>14.00</i>	<i>15.00</i>
70	<i>15.00</i>	<i>15.00</i>	<i>15.00</i>	<i>15.00</i>	<i>15.00</i>	<i>15.00</i>
80	<i>15.00</i>	<i>15.00</i>	<i>15.00</i>	<i>15.00</i>	<i>15.00</i>	<i>15.00</i>
90	<i>15.00</i>	<i>15.00</i>	<i>15.00</i>	<i>15.00</i>	<i>15.00</i>	<i>15.00</i>
<i>Percentile ranks A 8-</i>						
10	<i>4.00</i>	<i>1.90</i>	<i>7.10</i>	<i>1.00</i>	<i>2.00</i>	<i>6.30</i>
20	<i>2.00</i>	<i>1.00</i>	<i>6.00</i>	<i>0.40</i>	<i>2.00</i>	<i>3.20</i>
30	<i>1.50</i>	<i>0.00</i>	<i>3.30</i>	<i>0.00</i>	<i>1.00</i>	<i>2.00</i>
40	<i>1.00</i>	<i>0.00</i>	<i>2.40</i>	<i>0.00</i>	<i>0.00</i>	<i>1.00</i>
50	<i>0.00</i>	<i>0.00</i>	<i>2.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.50</i>
60	<i>0.00</i>	<i>0.00</i>	<i>1.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>
70	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>
80	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>
90	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>

For not normally distributed variables, percentile ranks are added in *italic*

BENTON VISUAL RETENTION TEST (BVRT form F)

gender	MALE AND FEMALE						
	educ	$\leq 12 j$			$> 12 j$		
age	$\leq 30$	$30 \leq 50$	$> 50$	$\leq 30$	$30 \leq 50$	$> 50$	
N	22	21	22	42	30	14	
correct	13.2 (1.3)	13.1 (1.5)	11.2 (2.3)	13.9 (1.2)	13.1 (1.3)	12.4 (2.1)	
<i>Percentile ranks Benton form F</i>							
10	11.30	11.00	7.00	12.30	12.00	9.00	
20	12.00	12.00	9.00	13.00	12.00	11.00	
30	12.00	12.00	9.90	14.00	12.00	11.00	
40	13.00	12.00	11.00	14.00	13.00	12.00	
50	13.50	13.00	12.00	14.00	13.00	12.50	
60	14.00	14.00	12.00	14.00	13.00	13.00	
70	14.00	14.00	13.00	15.00	14.00	14.00	
80	14.00	15.00	13.00	15.00	14.00	15.00	
90	15.00	15.00	14.00	15.00	15.00	15.00	

For not normally distributed variables, percentile ranks are added in *italic*

### COMPLEX FIGURE TEST (CFT Taylor)

gender	MALE AND FEMALE						
	educ	$\leq 12 j$			$> 12 j$		
age	$\leq 30$	$30 \leq 50$	$> 50$	$\leq 30$	$30 \leq 50$	$> 50$	
N	17	19	37	17	26	36	
copy	33.8 (2.2)	35.0 (1.3)	33.4 (1.6)	33.7 (2.1)	34.1 (2.1)	33.9 (2.0)	
IR	28.6 (6.9)	26.2 (5.1)	20.5 (7.1)	28.9 (4.2)	26.5 (4.7)	25.0 (6.7)	
DR	28.2 (6.4)	24.7 (5.9)	18.4 (8.6)	28.6 (4.9)	25.4 (5.5)	23.7 (7.2)	

IR : immediate recall, DR: delayed recall

### VISUAL DESIGN LEARNING TEST (VDLT)

gender	MALE AND FEMALE						
	educ	$\leq 12 j$			$> 12 j$		
age	$\leq 30$	$30 \leq 50$	$> 50$	$\leq 30$	$30 \leq 50$	$> 50$	
N	9	25	42	28	38	27	
A 1	5.7 (1.7)	5.5 (2.2)	3.7 (1.7)	7.0 (2.2)	5.7 (1.6)	5.2 (2.0)	
A 2	8.4 (1.3)	7.8 (2.3)	5.1 (2.1)	10.7 (1.7)	8.2 (2.4)	7.1 (3.0)	
A 3	10.7 (1.7)	9.2 (2.5)	5.8 (2.5)	12.5 (1.6)	9.6 (2.6)	8.2 (3.3)	
A 4	12.2 (1.4)	10.2 (2.6)	6.3 (2.6)	13.2 (1.7)	10.8 (2.3)	9.5 (3.5)	
A 5	13.4 (1.1)	11.4 (2.2)	7.5 (3.0)	13.8 (1.4)	11.5 (2.5)	10.3 (3.4)	
Sum	51.4 (5.7)	44.0 (10.6)	28.3 (9.7)	57.2 (7.3)	45.8 (10.3)	40.4 (14.9)	
A 6	12.7 (1.9)	10.0 (2.8)	6.8 (3.0)	13.6 (1.4)	10.6 (2.9)	9.7 (3.3)	
A 7 +	14.0 (1.0)	13.0 (3.2)	11.7 (2.2)	13.6 (1.4)	13.6 (1.4)	13.4 (1.5)	
A 7 -	0.22 (0.4)	1.4 (1.6)	3.0 (2.2)	0.5 (1.1)	1.5 (1.9)	1.7 (1.6)	
<i>Percentile ranks A 7+</i>							
10	12.00	9.80	8.30	13.70	11.90	11.00	
20	13.00	12.00	10.00	14.00	12.00	12.00	
30	14.00	12.80	11.00	15.00	13.00	13.00	
40	14.00	14.00	12.00	15.00	13.60	13.20	
50	14.00	14.00	12.00	15.00	14.00	14.00	
60	14.00	14.00	12.80	15.00	14.00	14.00	
70	15.00	15.00	13.00	15.00	15.00	14.00	
80	15.00	15.00	13.00	15.00	15.00	15.00	
90	15.00	15.00	14.00	15.00	15.00	15.00	
<i>Percentile ranks A 7-</i>							
10	1.00	4.40	6.00	2.20	4.00	4.20	
20	1.00	3.00	5.40	1.00	3.00	3.40	
30	0.00	2.00	4.00	0.30	2.00	2.00	
40	0.00	1.00	3.00	0.00	1.00	1.00	
50	0.00	1.00	3.00	0.00	1.00	1.00	
60	0.00	1.00	2.00	0.00	0.00	1.00	
70	0.00	0.00	1.90	0.00	0.00	1.00	
80	0.00	0.00	1.00	0.00	0.00	0.00	
90	0.00	0.00	0.30	0.00	0.00	0.00	

For not normally distributed variables, percentile ranks are added in *italic*

!! Warning: because of the small number of volunteers in some cells (in bold) these data can not be seen as normative

Table 4. Male and Female performances on Benton(form G) and Coetsier Story Recall Test: m (sd)

**BENTON VISUAL RETENTION TEST ( BVRT form G)**

gender	MALE AND FEMALE		
age	≤ 30	30≤50	> 50
N	35	38	66
correct	14.3 (0.7)	14.1 (0.9)	13.0 (1.9)
<i>Percentile ranks Benton, form G</i>			
10	13.00	13.00	10.00
20	14.00	13.00	11.00
30	14.00	14.00	12.00
40	14.00	14.00	13.00
50	14.00	14.00	13.00
60	14.60	15.00	14.00
70	15.00	15.00	14.00
80	15.00	15.00	15.00
90	15.00	15.00	15.00

For not normally distributed variables, percentile ranks are added in *italic*

**COETSIER STORY RECALL TEST (CSRT)**

gender	MALE AND FEMALE		
age	≤ 30	30≤50	> 50
N	15	27	54
IR	67.8 (13.0)	50.7 (19.3)	45.5 (18.7)
DR	63.0 (15.7)	49.6 (17.6)	40.7 (17.8)
<i>Percentile ranks CSRT immediate recall</i>			
10	51.80	17.80	23.00
20	57.40	32.60	27.00
30	59.00	40.40	33.00
40	63.40	51.20	38.00
50	66.00	54.00	42.00
60	68.20	58.20	48.00
70	70.00	61.80	57.50
80	83.60	65.80	61.00
90	90.80	77.80	70.00
<i>Percentile ranks CSRT delayed recal</i>			
10	42.00	21.60	18.50
20	48.20	27.00	26.00
30	53.80	42.40	29.50
40	58.00	49.20	33.00
50	61.00	52.00	37.00
60	65.00	53.60	44.00
70	69.00	61.00	48.50
80	79.40	66.60	56.00
90	89.20	72.00	67.50

IR= immediate recall, DR= delayed recall

For not normally distributed variables, percentile ranks are added in *italic*

Table 5. Male and Female Performances on TMT, COWAT, SCWT, BW: m (sd)

**TRAIL MAKING TEST (TMT)**

gender	MALE AND FEMALE					
	≤12 j					
educ age	20≤29	30≤39	40≤49	50≤59	60≤69	70+
N	31	7	40	33	26	16

A	30.5 (9.1)	30.0 (5.7)	37.6 (12.0)	41.8 (10.4)	46.4 (16.1)	62.4 (17.0)
B	71.1 (24.6)	77.7 (25.4)	91.7 (38.2)	100.1 (43.3)	112.3 (49.8)	158.8 (50.2)

Percentile ranks TMT A

10	44.60	38.00	55.60	58.00	78.40	121.10
20	40.00	36.80	47.00	53.00	68.60	87.20
30	34.00	34.80	43.40	47.00	54.30	72.70
40	31.20	32.00	38.20	45.00	51.00	67.40
50	31.00	28.00	36.00	43.00	45.50	64.00
60	27.80	27.20	34.00	42.00	41.20	60.00
70	26.20	25.80	29.30	38.00	35.00	58.10
80	21.40	24.20	26.40	31.00	31.80	52.80
90	19.20	23.00	25.00	27.00	28.90	42.80

Percentile ranks TMT B

10	105.60	123.00	122.50	173.60	179.00	253.10
20	87.80	106.20	108.60	131.60	152.20	191.20
30	80.00	90.20	96.10	109.00	144.30	177.70
40	74.20	80.40	89.20	101.20	114.40	170.20
50	65.00	70.00	84.00	85.00	103.50	153.00
60	60.60	70.00	83.40	80.00	83.60	142.60
70	56.00	59.20	71.30	73.20	75.50	117.20
80	51.60	51.60	67.00	64.80	69.40	110.40
90	43.80	51.00	56.60	57.00	61.70	100.70

educ

> 12 j

age	20≤29	30≤39	40≤49	50≤59	60≤69	70+
N	70	21	47	48	12	4
A	29.1 (9.5)	32.7 (14.9)	32.1 (10.1)	40.3 (12.2)	45.0 (17.0)	66.0 (22.5)
B	60.7 (15.9)	69.5 (19.3)	67.7 (21.0)	79.6 (22.9)	115.5 (48.8)	167.5 (45.8)

Percentile ranks TMT A

10	39.00	50.20	47.00	57.00	69.00	97.00
20	34.00	40.60	41.20	53.00	66.60	92.60
30	30.00	35.20	39.00	44.60	64.60	79.40
40	29.00	33.40	36.40	40.00	55.20	72.20
50	27.00	29.50	30.00	37.50	44.00	68.00
60	26.00	26.20	27.60	34.00	36.40	57.80
70	24.00	24.80	24.70	32.70	31.00	50.40
80	22.00	22.00	22.80	31.00	29.40	48.60
90	20.00	17.30	19.90	27.70	25.20	48.00

Percentile ranks TMT B

10	81.90	102.80	93.40	113.50	211.80	216.00
20	74.40	88.20	82.80	95.60	162.00	216.00
30	65.70	79.00	74.20	90.60	139.10	206.50
40	61.00	75.20	67.80	81.20	100.00	197.00
50	58.50	67.00	65.00	73.00	98.00	165.00
60	56.00	62.40	60.40	68.60	94.40	133.00
70	51.30	56.00	56.00	65.70	88.30	128.50
80	47.00	50.60	52.00	60.80	76.00	124.00
90	42.10	45.00	44.60	56.40	65.60	124.00

For not normally distributed variables, percentile ranks are added in *italic*

!! Warning: because of the small number of volunteers in some cells (in bold) these data can not be seen as normative

CONTROLLED ORAL WORD ASSOCIATION TEST (COWAT)

gender

MALE AND FEMALE

educ

≤12 j

age	20≤29	30≤39	40≤49	50≤59	60≤69	70+
N	31	7	40	35	28	25
animals	24.2 (6.9)	22.3 (3.5)	22.6 (5.6)	22.3 (6.1)	22.5 (7.6)	17.3 (4.3)
N	100	28	82	78	35	30
prof	19.7 (5.7)	19.1 (5.5)	19.1 (5.4)	19.2 (4.9)	16.1 (4.3)	14.2 (4.3)
N	31	7	38	33	24	25
N	10.7 (5.0)	10.9 (3.2)	10.4 (4.4)	10.9 (4.0)	9.4 (3.7)	7.4 (3.3)
A	12.6 (3.6)	9.7 (4.6)	11.1 (4.3)	10.4 (3.9)	9.7 (3.0)	8.5 (3.8)

K	15.4 (4.3)	13.6 (5.0)	16.0 (4.6)	12.4 (4.3)	12.4 (4.9)	10.6 (3.3)
<b>educ</b>	<b>&gt; 12 j</b>					
<b>age</b>	<b>20≤29</b>	<b>30≤39</b>	<b>40≤49</b>	<b>50≤59</b>	<b>60≤69</b>	<b>70+</b>
N	70	21	45	47	11	5
Animals	26.4 (5.5)	24.9 (6.9)	28.6 (5.4)	24.4 (4.3)	22.4 (5.6)	19.0 (4.3)
N	100	29	82	78	35	30
prof	19.7 (5.7)	19.9 (5.5)	19.1 (5.4)	19.2 (4.9)	16.1 (4.3)	14.2 (4.3)
N	70	21	45	46	11	5
N	13.1 (4.3)	11.5 (4.4)	14.0 (4.5)	13.2 (4.7)	12.0 (4.1)	12.2 (6.3)
A	13.8 (4.8)	12.2 (4.1)	14.3 (5.2)	12.5 (4.9)	11.7 (4.6)	12.0 (2.5)
K	18.0 (4.7)	15.4 (4.0)	18.6 (5.7)	17.2 (4.8)	15.3 (5.0)	15.2 (5.2)

!! Warning: because of the small number of volunteers in some cells (in bold) these data can not be seen as normative

### STROOP COLOUR WORD TEST (SCWT)

<b>gender</b>	<b>MALE AND FEMALE</b>					
<b>educ</b>	<b>≤12 j</b>					
<b>age</b>	<b>20≤29</b>	<b>30≤39</b>	<b>40≤49</b>	<b>50≤59</b>	<b>60≤69</b>	<b>70+</b>
N	30	6	39	34	27	25
II	53.8 (10.7)	55.5 (5.3)	57.7 (12.8)	58.9 (7.3)	62.1 (11.6)	78.6 (20.6)
III	84.4 (18.0)	83.3 (11.7)	91.2 (17.5)	97.6 (21.8)	114.8 (29.9)	155.6 (40.5)
N	99	28	87	82	40	30
III- II	28.8 (12.6)	36.0 (16.3)	30.9 (13.4)	38.8 (18.8)	51.2 (24.0)	82.0 (36.7)

Percentile ranks SCWT card II

10	72.20	63.00	75.00	68.00	76.00	112.40
20	62.80	62.20	69.00	67.00	70.80	100.40
30	60.00	60.40	63.00	65.00	67.00	87.60
40	58.00	56.20	59.00	60.00	61.00	81.20
50	52.00	54.00	55.00	58.00	58.00	72.00
60	48.80	52.60	53.00	56.00	57.20	65.20
70	46.30	51.20	51.00	54.50	56.00	64.00
80	44.00	50.40	47.00	51.00	54.20	60.40
90	39.40	50.00	43.00	49.00	47.80	57.60

Percentile ranks SCWT card III

10	104.90	102.00	117.00	130.00	173.40	220.28
20	102.40	97.20	107.00	111.00	137.60	198.00
30	95.00	89.30	100.00	106.00	125.80	180.60
40	88.00	84.40	98.00	102.00	119.20	166.60
50	82.50	82.00	90.00	99.50	102.00	145.00
60	75.80	80.00	81.00	94.00	98.00	130.20
70	73.60	76.50	79.00	80.50	92.80	125.00
80	68.20	71.20	76.00	78.00	89.80	123.00
90	59.80	68.00	72.00	72.00	86.00	109.80

Percentile ranks SCWT interference score III- II

10	45.00	62.30	48.40	60.50	95.50	147.30
20	37.00	50.60	40.40	52.00	68.80	118.60
30	35.00	44.60	37.00	48.10	57.00	97.20
40	30.00	40.40	34.00	44.00	51.80	81.60
50	27.00	34.00	30.00	36.50	44.50	71.50
60	24.00	28.60	27.00	33.00	40.40	67.00
70	21.00	26.70	23.00	28.00	36.30	56.20
80	19.00	20.80	20.00	23.00	35.00	49.00
90	14.00	16.60	14.40	15.30	29.10	40.50

<b>educ</b>	<b>&gt; 12 j</b>					
<b>age</b>	<b>20≤29</b>	<b>30≤39</b>	<b>40≤49</b>	<b>50≤59</b>	<b>60≤69</b>	<b>70+</b>
N	69	22	48	48	13	5
II	51.6 (9.1)	58.5 (10.5)	52.6 (10.9)	57.1 (8.7)	65.1 (13.9)	83.4 (15.1)
III	79.6 (15.6)	96.7 (18.5)	81.8 (18.8)	96.1 (20.4)	112.8 (28.8)	190.4 (67.8)
N	99	28	87	82	40	30
III- II	28.8 (12.6)	36.0 (16.3)	30.9 (13.4)	38.8 (18.8)	51.2 (24.0)	82.0 (36.7)

Percentile ranks SCWT card II

10	60.00	76.60	69.10	69.10	90.80	108.00
20	57.00	68.40	63.00	63.00	77.60	103.80
30	53.00	66.10	56.00	62.00	73.40	91.20
40	51.00	59.60	54.00	59.40	63.40	82.60
50	50.00	56.00	51.50	57.00	60.00	76.00
60	49.00	54.20	50.00	55.00	60.00	76.00
70	47.00	52.00	47.00	52.70	59.20	74.80
80	45.00	49.00	44.80	50.80	52.80	71.20
90	43.00	45.00	41.90	48.00	49.00	70.00

Percentile ranks SCWT card III

10	97.00	128.40	109.20	125.10	163.80	256.00
20	90.00	109.40	98.20	114.00	143.60	254.40
30	85.00	106.00	87.30	105.60	129.00	249.60
40	80.00	99.60	84.00	103.00	110.60	233.20
50	77.00	94.50	81.00	97.00	100.00	211.00
60	75.00	88.00	77.40	91.60	99.20	157.00
70	71.00	83.00	71.70	83.70	95.60	120.00
80	67.00	81.20	65.80	77.00	93.20	117.00
90	64.00	74.20	59.90	67.90	77.40	116.00

Percentile ranks SCWT interference score III- II

10	45.00	62.30	48.40	60.50	95.50	147.30
20	37.00	50.60	40.40	52.00	68.80	118.60
30	35.00	44.60	37.00	48.10	57.00	97.20
40	30.00	40.40	34.00	44.00	51.80	81.60
50	27.00	34.00	30.00	36.50	44.50	71.50
60	24.00	28.60	27.00	33.00	40.40	67.00
70	21.00	26.70	23.00	28.00	36.30	56.20
80	19.00	20.80	20.00	23.00	35.00	49.00
90	14.00	16.60	14.40	15.30	29.10	40.50

For not normally distributed variables, percentile ranks are added in *italic*

!! Warning: because of the small number of volunteers in some cells (in bold) these data can not be seen as normative

**BOURDON WIERSMA DOT CANCELLATION TEST (BW)**

gender

MALE AND FEMALE

age	20≤29	30≤39	40≤49	50≤59	60≤69	70+
N	99	29	87	81	41	31
ART	12.8 (1.9)	13.0 (2.4)	13.2 (2.5)	13.8 (2.2)	15.3 (3.1)	18.9 (5.2)
AD	1.3 (0.6)	1.3 (0.4)	1.2 (0.5)	1.4 (0.7)	1.6 (0.6)	2.2 (0.9)
false	0.2 (0.4)	0.2 (0.6)	0.7 (2.7)	0.3 (1.2)	0.3 (0.7)	0.9 (2.0)

Percentile ranks ART

10	15.33	17.20	16.00	16.08	18.32	28.64
20	14.11	15.40	15.14	15.40	16.97	21.06
30	13.84	13.84	14.01	14.80	16.45	19.88
40	13.00	13.60	13.20	14.40	15.46	19.10
50	12.60	12.40	12.60	13.65	15.20	18.20
60	12.11	12.18	12.15	13.02	14.58	17.39
70	11.50	11.90	11.69	12.60	14.04	16.15
80	11.00	11.20	11.46	12.06	13.08	15.06
90	10.60	10.56	10.73	11.03	11.27	13.08

Percentile ranks AD

10	1.86	1.80	1.82	2.00	2.55	3.50
20	1.62	1.60	1.55	1.58	2.16	2.92
30	1.44	1.50	1.39	1.44	2.00	2.44
40	1.32	1.32	1.30	1.32	1.65	2.29
50	1.22	1.29	1.20	1.25	1.44	1.90
60	1.16	1.21	1.08	1.13	1.31	1.79
70	1.02	1.00	0.97	1.04	1.25	1.66
80	0.94	0.92	0.88	1.00	1.12	1.44
90	0.80	0.89	0.70	0.80	0.97	1.08

Percentile ranks false

10	1.00	1.00	1.00	1.00	1.00	2.80
20	0.00	0.00	0.00	0.00	1.00	1.00
30	0.00	0.00	0.00	0.00	0.00	1.00
40	0.00	0.00	0.00	0.00	0.00	0.00
50	0.00	0.00	0.00	0.00	0.00	0.00
60	0.00	0.00	0.00	0.00	0.00	0.00
70	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00

90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>educ</b>				<b>≤12 j</b>			
<b>age</b>	<b>20≤29</b>	<b>30≤39</b>	<b>40≤49</b>	<b>50≤59</b>	<b>60≤69</b>	<b>70+</b>	
<i>N</i>	30	7	39	35	28	26	
omissions	5.6 (4.5)	5.7 (4.5)	12.4 (9.7)	15.8 (14.8)	12.5 (8.9)	20.6 (15.3)	

*Percentile ranks omissions*

10	12.90	15.00	24.00	40.20	26.30	48.10
20	9.80	10.20	20.00	26.60	21.40	32.20
30	7.70	6.20	16.00	18.00	18.30	25.00
40	5.00	4.80	12.00	13.60	15.40	20.40
50	4.50	4.00	10.00	10.00	9.00	14.50
60	4.00	4.00	8.00	8.00	7.00	12.00
70	2.60	4.00	7.00	6.80	6.00	11.00
80	1.00	2.80	3.00	5.00	4.60	9.40
90	1.00	1.00	2.00	1.00	2.00	6.10

<b>educ</b>				<b>&gt; 12 j</b>		
<b>age</b>	<b>20≤29</b>	<b>30≤39</b>	<b>40≤49</b>	<b>50≤59</b>	<b>60≤69</b>	<b>70+</b>
<i>N</i>	70	22	48	46	13	5
omissions	6.5 (6.6)	9.2 (9.3)	10.5 (11.3)	10.8 (9.9)	13.5 (8.1)	10.8 (4.8)

*Percentile ranks omissions*

10	16.60	25.80	22.50	23.30	27.80	17.00
20	9.80	18.20	15.20	17.80	19.20	16.20
30	7.00	12.40	11.30	13.90	17.60	13.80
40	6.00	9.60	8.40	11.00	14.80	12.20
50	5.00	5.50	7.00	8.00	14.00	11.00
60	3.00	4.20	5.00	6.00	10.80	9.80
70	3.00	2.00	3.70	5.00	7.40	8.00
80	2.00	1.60	3.00	3.00	5.60	5.00
90	0.10	0.00	2.00	1.40	4.00	4.00

ART= average row time, AD= average deviation of row time  
 For not normally distributed variables, percentile ranks are added in *italic*