SUPPLEMENTARY ONLINE MATERIAL

**Preservation of the Semantic Verbal Fluency Advantage in a Large Population-Based Sample: Normative Data from the TILDA Study.**

**Table 1S: Semantic verbal fluency (animals)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Percentile | 50-60 | 60-70 | 70-80 | >80 |
| P95 Primary | 31 | 30 | 27 | 27 |
|  Secondary | 33 | 32 | 30 | 25 |
|  Third Level | 36 | 35 | 33 | - |
| P90 Primary | 28 | 27 | 24 | 22 |
|  Secondary | 30 | 30 | 28 | 24 |
|  Third Level | 34 | 32 | 30 | 29 |
| P75 Primary | 24 | 22 | 21 | 18 |
|  Secondary | 25 | 25 | 23 | 21 |
|  Third Level | 29 | 28 | 26 | 24 |
| P50 Primary | 19 | 18 | 16 | 14 |
|  Secondary | 21 | 20 | 19 | 16 |
|  Third Level | 24 | 23 | 21 | 20 |
| P25 Primary | 15 | 14 | 13 | 11 |
|  Secondary | 17 | 16 | 14 | 12 |
|  Third Level | 20 | 19 | 17 | 16 |
| P10 Primary | 12 | 11 | 10 | 9 |
|  Secondary | 14 | 13 | 12 | 8 |
|  Third Level | 16 | 16 | 14 | 12 |
| P5 Primary | 10 | 10 | 8 | 7 |
|  Secondary | 12 | 11 | 11 | 6 |
|  Third Level | 14 | 14 | 12 | - |
| Mean+/-SD | 22.34+/-7.01 | 20.92+/-6.75 | 18.99+/-6.45 | 16.29+/-6.5 |

Semantic verbal fluency results stratified according to age and education in a sample of 5780 community dwelling individuals aged 50 and older, without known dementia, Parkinson’s disease or severe cognitive impairment.

**Table 2S: Phonemic verbal fluency (letter F)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Percentile | 50-60 | 60-70 | 70-80 | >80 |
| P95 Primary | 17 | 16 | 16 | 15 |
|  Secondary | 20 | 20 | 19 | 17 |
|  Third Level | 23 | 22 | 22 | - |
| P90 Primary | 16 | 15 | 15 | 13 |
|  Secondary | 18 | 18 | 17 | 15 |
|  Third Level | 21 | 20 | 20 | 17 |
| P75 Primary | 12 | 12 | 12 | 11 |
|  Secondary | 15 | 15 | 14 | 12 |
|  Third Level | 18 | 17 | 17 | 16 |
| P50 Primary | 9 | 9 | 8 | 7 |
|  Secondary | 12 | 12 | 11 | 10 |
|  Third Level | 14 | 14 | 14 | 12 |
| P25 Primary | 6 | 6 | 5 | 4 |
|  Secondary | 8 | 9 | 8 | 7 |
|  Third Level | 11 | 11 | 11 | 9 |
| P10 Primary | 4 | 3 | 3 | 2 |
|  Secondary | 6 | 6 | 5 | 4 |
|  Third Level | 9 | 7 | 8 | 6 |
| P5 Primary | 3 | 2 | 2 | 1 |
|  Secondary | 4 | 5 | 4 | 3 |
|  Third Level | 7 | 6 | 7 | - |
| Mean+/- SD | 12.55+/-5.16 | 11.59+/-4.98 | 10.92+/-5.05 | 9.14+/-4.86 |

Phonemic verbal fluency results stratified according to age and education in a sample of 5780 community dwelling individuals aged 50 and older, without known dementia, Parkinson’s disease or severe cognitive impairment.