|  |  |  |  |
| --- | --- | --- | --- |
| **Domain** | **Measure** | **% of subjects in impaired range** | **Difference between groups (X2)** |
|  |  | Choir (N=39) Control (N=35) |  |
| Processing speed | WAIS-IV Visual search | 17.9 17.1 | 0.93 |
| WAIS-IV Coding | 10.3 0 | 0.05 |
| Working memory | WAIS-IV Digit span | 5.1 8.6 | 0.56 |
| Problem solving | WAIS-IV Arithmetic | 23.1 22.9 | 0.92 |
| EM:Immediate | WMS-III Word lists | 20.5 11.4 | 0.34 |
| EM:Delayed | WMS-III Word lists | 17.9 17.1 | 0.93 |
| Verbal skills | WAIS-IV Vocabulary | 7.7 14.3 | 0.36 |

**S1 Table.** Proportion of participants scoring in the impaired range in standardized tests with Finnish normative data. Abbreviations: EF=executive function, EM=episodic memory.