**Supplemental Table 1. Source test scores for T1D and HC participants used to produce domain Z scores for cognition, behavior and mood.**

|  | **Baseline** | **18 Month** |
| --- | --- | --- |
| **N** | **T1D participantsMean** ± **SD** | **Control participantsMean** ± **SD** | **N** | **T1D participantsMean** ± **SD** | **Control participantsMean** ± **SD** |
| IQ Composite Score | 144/70 | 11 ± 2 | 12 ± 2 | 137/67 | 12 ± 2 | 12 ± 2 |
| VIQ Scores |  |  |  |  |  |  |
| WPPSI-3 Vocabulary | 44/23 | 11 ± 3 | 12 ± 2 | 6/2 | 11 ± 1 | 11 ± 0 |
| WPPSI- 3 Similarities | 44/23 | 11 ± 3 | 15 ± 11 | 6/2 | 11 ± 1 | 13 ± 1 |
| WASI Vocabulary | 100/47 | 11 ± 3 | 11 ± 3 | 131/65 | 12 ± 3 | 13 ± 3 |
| WASI Similarities | 100/47 | 12 ± 3 | 13 ± 2 | 131/65 | 13 ± 2 | 12 ± 3 |
| PIQ Scores |  |  |  |  |  |  |
| WPPSI-3 Block Design | 44/23 | 11 ± 3 | 12 ± 3 | 6/2 | 13 ± 1 | 9 ± 4 |
| WPPSI-3 Matrix Reasoning | 44/23 | 11 ± 3 | 13 ± 3 | 6/2 | 13 ± 2 | 12 ± 1 |
| WASI Block Design | 100/47 | 11 ± 3 | 11 ± 3 | 131/65 | 12 ± 3 | 12 ± 3 |
| WASI Matrix Reasoning | 100/47 | 12 ± 3 | 12 ± 3 | 131/65 | 12 ± 3 | 13 ± 2 |
| Executive Functions |  |  |  |  |  |  |
| CPT-2 Detectability  | 135/70 | 0.25 ± 0.32 | 0.36 ± 0.35 | 138/68 | 0.29 ± 0.30 | 0.29 ± 0.28 |
| NEPSY-2 Auditory Attention  | 135/70 | 24 ± 6 | 25 ± 6 | 138/68 | 27 ± 4 | 28 ± 3 |
| WJ-3 Cognitive Concept Formation  | 135/70 | 17 ± 10 | 18 ± 9 | 138/68 | 24 ± 9 | 25 ± 8 |
| CMS Numbers  | 135/70 | 10 ± 3 | 10 ± 3 | 138/68 | 12 ± 3 | 12 ± 3 |
| Learning and Memory |  |  |  |  |  |  |
| CMS Word Lists  | 142/71 | 23 ± 8 | 24 ± 7 | 139/67 | 30 ± 7 | 31 ± 7 |
| CMS Dot Locations  | 142/71 | 15 ± 3 | 14 ± 3 | 139/67 | 18 ± 3 | 18 ± 4 |
| Processing Speed | 140/72 | 107 ± 14 | 105 ± 12 | 139/69 | 106 ± 15 | 103 ± 15 |
| BRIEF (Parent)  | 140/68 | 118 ± 20 | 114 ± 23 | 144/70 | 115 ± 23 | 111 ± 22 |
| Externalizing T Score (BASC-2 PRS) | 144/70 | 49 ± 8 | 48 ± 8 | 142/70 | 48 ± 9 | 48 ± 9 |
| Internalizing T Score (BASC-2 PRS) | 144/69 | 52 ± 10 | 47 ± 10 | 142/70 | 50 ± 11 | 46 ± 10 |

Abbreviations: CMS – Children’s Memory Scale (Cohen, 1997); CPT-2 – Continuous Performance Test, Second Edition (Connors, 1994); NEPSY-2 – Neuropsychological Battery for Children, Second Edition (Korkman et al., 2007); WJ-3 Cognitive – Woodcock-Johnson Test of Cognitive Abilities, Third Edition (Woodcock et al., 2001); WPPSI-3–Wechsler Preschool and Primary Scales of Intelligence, Third Edition (Wechsler, 2002); WASI-Wechsler Adult Scale of Intelligence (Wechsler, 1999); BRIEF – Behavior Rating Inventory of Executive Functions (Gioia et al., 2000); BASC-2 PRS – Behavior Assessment System for Children, Second Edition Parent Rating Scales (Reynolds & Kamphaus, 2004).