**Supplemental Table 1.** Adjusted group scores on cognitive tests controlling for surgical treatment for OSA and family income

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| Cognitive Test | Group |  |
| SCD+OSA(n = 26) | SCD Only(n = 39) | No CHC(n = 59) | *p*-value |
| WJ-III Decision Speed | 80.41 (4.94)a | 93.93 (2.67)b  | 105.02 (2.27)c  | *p* < .001 |
| TOLD Oral Vocabulary  | 7.24 (.77) a | 9.66 (.42) b | 10.10 (.35) b | *p* = 013  |
| TOLD Grammatical Understanding  | 7.65 (.90) a | 8.86 (.49) a | 9.72 (.41) a | *p* = .098 |
| TOLD Word Discrimination  | 7.61 (1.06)a | 8.34 (.57) a | 9.10 (.48) a | *p* = .351 |
| DTVMI | 81.74 (3.93) a | 88.64 (2.15) a | 97.35 (1.80) b | *p* < .001 |
| WJ-III Letter-Word Identification  | 96.31 (3.95) a | 97.95 (2.13) a  | 109.96 (1.80) b  | *p* < .001 |
| WJ-III Applied Problems  | 89.11 (4.25)a  | 97.18 (2.29)a  | 104.28 (1.94)b  | *p* = .003 |

Note.

Values are presented as mean score (SD). Standardized WJ-III and DVTMI scores are based on a scale with a mean of 100 and standard deviation of 15. Standard scores for the TOLD are based on a scale with a mean of 10 and standard deviation of 3. DTVMI = Developmental Test of Visual-Motor Integration; TOLD = Test of Language Development Primary; WJ = Woodcock Johnson; Cells in each row with different superscripts represent statistically significant differences in group means (p < .05).