

Supplemental Material S3. Correlations between the EF tasks.

Partial correlations controlling for age between the nonverbal EF tasks for both groups.

| | <i>1. SA</i> | <i>2. Corsi FW</i> | <i>3. Corsi BW</i> | <i>4. HTKS</i> |
|-----------|------------------------------|------------------------------|------------------------------|-----------------------------|
| <i>1.</i> | - | $r(72) = .16,$ $p = .18$ | $r(71) = .04,$ $p = .76$ | $r(61) = .14,$ $p = .28$ |
| <i>2.</i> | $r(54) = .35,$ $p = .009$ | - | $r(71) = .32,$ $p = .006$ | $r(60) = .16,$ $p = .23$ |
| <i>3.</i> | $r(52) = .01,$ $p = .96$ | $r(52) = .35,$ $p = .010$ | - | $r(60) = .06,$ $p = .65$ |
| <i>4.</i> | $r(34) = .22,$ $p = .20$ | $r(32) = .32,$ $p = .064$ | $r(31) = .34,$ $p = .051$ | - |

Note. BW = backward; FW = forward; HTKS = head-toes-knees-shoulders task; SA = selective attention. DLD group below the diagonal, TD group above the diagonal. Significant correlations in bold. All Pearson correlations (without partialing out age) are significant in both groups.