Supplementary Table 1

*Full Linear-Mixed-Models of Effects of Cortical Thickness and Task on HbO2 IIV by Cortical Region*

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| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.09 | -0.59 | 0.78 | 0.27 | .787 |
| STW vs. DTW | -0.04 | -0.06 | -0.03 | -4.67 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.09 | .037 |
| Left Banks of the Superior Temporal Sulcus Thickness | 0.13 | -0.08 | 0.35 | 1.24 | .220 |
| **STW vs. DTW \* Left Banks of the Superior Temporal Sulcus Thickness** | **-0.17** | **-0.28** | **-0.06** | **-2.95** | **.003** |
| STA vs. DTW \* Left Banks of the Superior Temporal Sulcus Thickness | 0.04 | -0.08 | 0.15 | 0.65 | .516 |
| Age | 0.00 | -0.01 | 0.01 | 0.21 | .833 |
| Sex | 0.09 | 0.03 | 0.15 | 2.85 | .006 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.19 | .239 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.69 | .097 |
| DTW Letter Generation Rate | -0.08 | -0.26 | 0.09 | -0.96 | .342 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.35 | .726 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.21 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.12 | -0.57 | 0.81 | 0.34 | .732 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.80 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.14 | .033 |
| Left Caudal Anterior Cingulate Thickness | -0.06 | -0.18 | 0.07 | -0.90 | .371 |
| STW vs. DTW \* Left Caudal Anterior Cingulate Thickness | 0.00 | -0.07 | 0.07 | 0.09 | .926 |
| **STA vs. DTW \* Left Caudal Anterior Cingulate Thickness** | **0.12** | **0.05** | **0.19** | **3.29** | **.001** |
| Age | 0.00 | -0.01 | 0.01 | 0.03 | .979 |
| Sex | 0.09 | 0.03 | 0.15 | 2.95 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.38 | .173 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.95 | .058 |
| DTW Letter Generation Rate | -0.10 | -0.27 | 0.08 | -1.10 | .279 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.31 | .759 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.03 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.04 | -0.65 | 0.73 | 0.11 | .910 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.81 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.10 | .036 |
| Left Caudal Middle Frontal Thickness | -0.35 | -0.59 | -0.11 | -2.96 | .005 |
| **STW vs. DTW \* Left Caudal Middle Frontal Thickness** | **0.35** | **0.22** | **0.47** | **5.43** | **<.001** |
| **STA vs. DTW \* Left Caudal Middle Frontal Thickness** | **0.29** | **0.16** | **0.41** | **4.49** | **<.001** |
| Age | 0.00 | -0.01 | 0.01 | 0.15 | .883 |
| Sex | 0.08 | 0.02 | 0.14 | 2.75 | .009 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.60 | .118 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 2.20 | .033 |
| DTW Letter Generation Rate | -0.07 | -0.25 | 0.10 | -0.82 | .419 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.23 | .820 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.22 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.12 | -0.56 | 0.80 | 0.35 | .731 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.74 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.05 | .041 |
| Left Cuneus Thickness | 0.05 | -0.23 | 0.33 | 0.37 | .712 |
| STW vs. DTW \* Left Cuneus Thickness | 0.11 | -0.03 | 0.26 | 1.51 | .132 |
| **STA vs. DTW \* Left Cuneus Thickness** | **0.20** | **0.05** | **0.34** | **2.69** | **.007** |
| Age | 0.00 | -0.01 | 0.01 | 0.16 | .870 |
| Sex | 0.08 | 0.01 | 0.14 | 2.35 | .023 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.31 | .196 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.82 | .075 |
| DTW Letter Generation Rate | -0.10 | -0.27 | 0.07 | -1.17 | .249 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.40 | .690 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.16 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.32 | -0.32 | 0.95 | 1.00 | .322 |
| STW vs. DTW | -0.04 | -0.06 | -0.03 | -4.67 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.03 | .042 |
| Left Entorhinal Thickness | 0.15 | 0.07 | 0.24 | 3.54 | .001 |
| STW vs. DTW \* Left Entorhinal Thickness | -0.05 | -0.10 | 0.00 | -1.98 | .048 |
| STA vs. DTW \* Left Entorhinal Thickness | -0.03 | -0.08 | 0.02 | -1.15 | .251 |
| Age | 0.00 | -0.01 | 0.00 | -0.52 | .608 |
| Sex | 0.10 | 0.05 | 0.16 | 3.68 | .001 |
| Global Health Score | -0.03 | -0.06 | 0.00 | -2.18 | .035 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.70 | .095 |
| DTW Letter Generation Rate | -0.08 | -0.24 | 0.08 | -1.02 | .315 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.61 | .542 |
| DTW Mean HbO2 | 0.03 | 0.03 | 0.04 | 7.42 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.11 | -0.57 | 0.79 | 0.34 | .739 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.70 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.04 | .041 |
| Left Fusiform Thickness | 0.17 | -0.13 | 0.47 | 1.13 | .262 |
| STW vs. DTW \* Left Fusiform Thickness | -0.09 | -0.25 | 0.07 | -1.09 | .275 |
| STA vs. DTW \* Left Fusiform Thickness | 0.03 | -0.14 | 0.19 | 0.32 | .749 |
| Age | 0.00 | -0.01 | 0.01 | 0.16 | .876 |
| Sex | 0.09 | 0.03 | 0.15 | 2.99 | .004 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.50 | .142 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.83 | .075 |
| DTW Letter Generation Rate | -0.11 | -0.29 | 0.07 | -1.25 | .217 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.33 | .743 |
| DTW Mean HbO2 | 0.03 | 0.03 | 0.04 | 7.32 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.11 | -0.58 | 0.80 | 0.33 | .742 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.70 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.05 | .041 |
| Left Inferior Parietal Thickness | 0.00 | -0.30 | 0.30 | 0.00 | .998 |
| STW vs. DTW \* Left Inferior Parietal Thickness | -0.02 | -0.18 | 0.13 | -0.27 | .790 |
| STA vs. DTW \* Left Inferior Parietal Thickness | -0.01 | -0.16 | 0.15 | -0.09 | .926 |
| Age | 0.00 | -0.01 | 0.01 | 0.03 | .978 |
| Sex | 0.09 | 0.03 | 0.15 | 2.89 | .006 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.38 | .173 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.93 | .060 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.08 | -1.07 | .291 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.32 | .754 |
| DTW Mean HbO2 | 0.03 | 0.03 | 0.04 | 7.32 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.12 | -0.57 | 0.81 | 0.34 | .735 |
| STW vs. DTW | -0.05 | -0.07 | -0.03 | -4.89 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.19 | .029 |
| Left Inferior Temporal Thickness | -0.15 | -0.49 | 0.18 | -0.93 | .357 |
| STW vs. DTW \* Left Inferior Temporal Thickness | 0.07 | -0.11 | 0.24 | 0.75 | .453 |
| **STA vs. DTW \* Left Inferior Temporal Thickness** | **0.43** | **0.25** | **0.60** | **4.74** | **<.001** |
| Age | 0.00 | -0.01 | 0.01 | 0.04 | .970 |
| Sex | 0.09 | 0.03 | 0.15 | 2.91 | .006 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.40 | .170 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.94 | .059 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.08 | -1.06 | .297 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.32 | .750 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 6.80 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.12 | -0.57 | 0.81 | 0.34 | .733 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.69 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.04 | .041 |
| Left Isthmus Cingulate Thickness | 0.00 | -0.18 | 0.18 | 0.01 | .995 |
| STW vs. DTW \* Left Isthmus Cingulate Thickness | -0.02 | -0.11 | 0.08 | -0.34 | .733 |
| STA vs. DTW \* Left Isthmus Cingulate Thickness | -0.01 | -0.11 | 0.09 | -0.15 | .881 |
| Age | 0.00 | -0.01 | 0.01 | 0.01 | .988 |
| Sex | 0.09 | 0.03 | 0.15 | 2.94 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.35 | .183 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.96 | .056 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.08 | -1.07 | .292 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.34 | .737 |
| DTW Mean HbO2 | 0.03 | 0.03 | 0.04 | 7.31 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.13 | -0.56 | 0.82 | 0.38 | .704 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.72 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.04 | .042 |
| Left Lateral Occipital Thickness | 0.02 | -0.24 | 0.28 | 0.14 | .891 |
| STW vs. DTW \* Left Lateral Occipital Thickness | 0.02 | -0.12 | 0.15 | 0.25 | .800 |
| STA vs. DTW \* Left Lateral Occipital Thickness | 0.07 | -0.07 | 0.20 | 0.98 | .329 |
| Age | 0.00 | -0.01 | 0.01 | 0.04 | .967 |
| Sex | 0.09 | 0.03 | 0.15 | 2.86 | .006 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.38 | .176 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.81 | .077 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.08 | -1.09 | .283 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.38 | .703 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.21 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.11 | -0.59 | 0.80 | 0.31 | .755 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.71 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.04 | .041 |
| Left Lateral Orbitofrontal Thickness | 0.03 | -0.21 | 0.26 | 0.22 | .828 |
| STW vs. DTW \* Left Lateral Orbitofrontal Thickness | -0.05 | -0.18 | 0.08 | -0.81 | .416 |
| STA vs. DTW \* Left Lateral Orbitofrontal Thickness | 0.03 | -0.10 | 0.16 | 0.46 | .643 |
| Age | 0.00 | -0.01 | 0.01 | 0.05 | .959 |
| Sex | 0.09 | 0.03 | 0.15 | 2.92 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.39 | .171 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.96 | .056 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.09 | -1.02 | .312 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.33 | .744 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.33 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.11 | -0.58 | 0.80 | 0.33 | .743 |
| STW vs. DTW | -0.05 | -0.07 | -0.03 | -4.85 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.06 | .039 |
| Left Lingual Thickness | -0.35 | -0.71 | 0.02 | -1.92 | .060 |
| **STW vs. DTW \* Left Lingual Thickness** | **0.38** | **0.21** | **0.56** | **4.29** | **<.001** |
| **STA vs. DTW \* Left Lingual Thickness** | **0.43** | **0.25** | **0.61** | **4.75** | **<.001** |
| Age | 0.00 | -0.01 | 0.01 | -0.05 | .958 |
| Sex | 0.09 | 0.03 | 0.15 | 3.00 | .004 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.38 | .175 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 2.00 | .051 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.09 | -1.02 | .312 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.24 | .815 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 6.65 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.12 | -0.57 | 0.81 | 0.35 | .726 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.71 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.04 | .041 |
| Left Medial Orbitofrontal Thickness | -0.01 | -0.20 | 0.17 | -0.13 | .898 |
| STW vs. DTW \* Left Medial Orbitofrontal Thickness | 0.02 | -0.08 | 0.13 | 0.45 | .653 |
| STA vs. DTW \* Left Medial Orbitofrontal Thickness | 0.07 | -0.03 | 0.17 | 1.33 | .183 |
| Age | 0.00 | -0.01 | 0.01 | 0.02 | .984 |
| Sex | 0.09 | 0.03 | 0.15 | 2.88 | .006 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.41 | .167 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.95 | .057 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.08 | -1.08 | .287 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.34 | .738 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.30 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.14 | -0.56 | 0.84 | 0.40 | .693 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.74 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.10 | .036 |
| Left Middle Temporal Thickness | -0.03 | -0.28 | 0.22 | -0.22 | .824 |
| STW vs. DTW \* Left Middle Temporal Thickness | -0.14 | -0.27 | 0.00 | -1.97 | .049 |
| STA vs. DTW \* Left Middle Temporal Thickness | 0.10 | -0.03 | 0.24 | 1.50 | .133 |
| Age | 0.00 | -0.01 | 0.01 | -0.05 | .960 |
| Sex | 0.09 | 0.03 | 0.15 | 2.92 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.43 | .160 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.98 | .053 |
| DTW Letter Generation Rate | -0.10 | -0.28 | 0.08 | -1.11 | .272 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.35 | .731 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.12 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.12 | -0.56 | 0.81 | 0.36 | .719 |
| STW vs. DTW | -0.04 | -0.06 | -0.03 | -4.68 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.07 | .038 |
| Left Parahippocampal Thickness | 0.04 | -0.09 | 0.17 | 0.61 | .545 |
| STW vs. DTW \* Left Parahippocampal Thickness | 0.03 | -0.05 | 0.10 | 0.73 | .462 |
| STA vs. DTW \* Left Parahippocampal Thickness | -0.07 | -0.15 | 0.00 | -1.99 | .047 |
| Age | 0.00 | -0.01 | 0.01 | 0.02 | .982 |
| Sex | 0.09 | 0.03 | 0.15 | 2.96 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.42 | .162 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.86 | .070 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.08 | -1.07 | .292 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.28 | .783 |
| DTW Mean HbO2 | 0.03 | 0.03 | 0.04 | 7.43 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.09 | -0.62 | 0.81 | 0.26 | .796 |
| STW vs. DTW | -0.04 | -0.06 | -0.03 | -4.67 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.06 | .040 |
| Left Paracentral Thickness | -0.02 | -0.29 | 0.25 | -0.15 | .878 |
| STW vs. DTW \* Left Paracentral Thickness | 0.02 | -0.12 | 0.16 | 0.31 | .755 |
| STA vs. DTW \* Left Paracentral Thickness | -0.05 | -0.19 | 0.09 | -0.65 | .513 |
| Age | 0.00 | -0.01 | 0.01 | 0.07 | .943 |
| Sex | 0.09 | 0.03 | 0.15 | 2.94 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.41 | .167 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.92 | .061 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.08 | -1.05 | .298 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.34 | .738 |
| DTW Mean HbO2 | 0.03 | 0.03 | 0.04 | 7.38 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.11 | -0.58 | 0.80 | 0.31 | .756 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.74 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.05 | .041 |
| Left Pars Opercularis Thickness | -0.09 | -0.37 | 0.19 | -0.65 | .520 |
| STW vs. DTW \* Left Pars Opercularis Thickness | 0.01 | -0.15 | 0.16 | 0.10 | .924 |
| STA vs. DTW \* Left Pars Opercularis Thickness | 0.12 | -0.03 | 0.27 | 1.54 | .124 |
| Age | 0.00 | -0.01 | 0.01 | 0.02 | .983 |
| Sex | 0.09 | 0.03 | 0.15 | 2.97 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.43 | .160 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.99 | .052 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.08 | -1.07 | .291 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.31 | .757 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.17 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.10 | -0.59 | 0.79 | 0.29 | .771 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.70 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -1.95 | .051 |
| Left Pars Orbitalis Thickness | -0.08 | -0.32 | 0.16 | -0.70 | .489 |
| STW vs. DTW \* Left Pars Orbitalis Thickness | -0.08 | -0.21 | 0.05 | -1.24 | .216 |
| **STA vs. DTW \* Left Pars Orbitalis Thickness** | **0.17** | **0.05** | **0.30** | **2.67** | **.008** |
| Age | 0.00 | -0.01 | 0.01 | 0.04 | .971 |
| Sex | 0.09 | 0.03 | 0.15 | 2.98 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.45 | .155 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 2.01 | .050 |
| DTW Letter Generation Rate | -0.09 | -0.26 | 0.09 | -1.03 | .309 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.30 | .766 |
| DTW Mean HbO2 | 0.04 | 0.03 | 0.04 | 7.56 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.14 | -0.53 | 0.81 | 0.41 | .685 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.74 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -1.95 | .052 |
| Left Pars Triangularis Thickness | -0.34 | -0.65 | -0.04 | -2.29 | .026 |
| STW vs. DTW \* Left Pars Triangularis Thickness | 0.08 | -0.08 | 0.25 | 0.97 | .332 |
| **STA vs. DTW \* Left Pars Triangularis Thickness** | **0.26** | **0.10** | **0.43** | **3.10** | **.002** |
| Age | 0.00 | -0.01 | 0.01 | -0.20 | .843 |
| Sex | 0.09 | 0.04 | 0.15 | 3.20 | .003 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.60 | .116 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 2.17 | .036 |
| DTW Letter Generation Rate | -0.09 | -0.26 | 0.08 | -1.03 | .310 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.17 | .863 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.08 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | -0.01 | -0.70 | 0.67 | -0.04 | .968 |
| STW vs. DTW | -0.05 | -0.07 | -0.03 | -4.87 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.12 | .034 |
| Left Pericalcarine Thickness | 0.10 | -0.23 | 0.43 | 0.61 | .545 |
| **STW vs. DTW \* Left Pericalcarine Thickness** | **0.33** | **0.15** | **0.51** | **3.65** | **<.001** |
| STA vs. DTW \* Left Pericalcarine Thickness | 0.15 | -0.03 | 0.32 | 1.64 | .102 |
| Age | 0.00 | -0.01 | 0.01 | 0.40 | .689 |
| Sex | 0.08 | 0.02 | 0.14 | 2.61 | .012 |
| Global Health Score | -0.02 | -0.05 | 0.00 | -1.67 | .101 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 2.39 | .021 |
| DTW Letter Generation Rate | -0.09 | -0.26 | 0.08 | -1.02 | .312 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.61 | .544 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.02 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.06 | -0.63 | 0.74 | 0.17 | .869 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.71 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.05 | .041 |
| Left Postcentral Thickness | -0.24 | -0.54 | 0.05 | -1.67 | .101 |
| STW vs. DTW \* Left Postcentral Thickness | 0.13 | -0.03 | 0.28 | 1.62 | .106 |
| STA vs. DTW \* Left Postcentral Thickness | 0.13 | -0.02 | 0.29 | 1.70 | .090 |
| Age | 0.00 | -0.01 | 0.01 | 0.03 | .973 |
| Sex | 0.09 | 0.03 | 0.15 | 2.99 | .004 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.58 | .121 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 2.23 | .031 |
| DTW Letter Generation Rate | -0.09 | -0.26 | 0.09 | -0.99 | .326 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.19 | .852 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.27 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.12 | -0.56 | 0.80 | 0.36 | .717 |
| STW vs. DTW | -0.04 | -0.06 | -0.03 | -4.66 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.03 | .042 |
| Left Posterior Cingulate Thickness | -0.06 | -0.26 | 0.13 | -0.65 | .521 |
| STW vs. DTW \* Left Posterior Cingulate Thickness | -0.07 | -0.18 | 0.04 | -1.21 | .227 |
| STA vs. DTW \* Left Posterior Cingulate Thickness | -0.02 | -0.13 | 0.09 | -0.42 | .678 |
| Age | 0.00 | -0.01 | 0.01 | -0.08 | .939 |
| Sex | 0.09 | 0.03 | 0.15 | 2.95 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.41 | .165 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 2.12 | .039 |
| DTW Letter Generation Rate | -0.11 | -0.29 | 0.06 | -1.28 | .206 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.22 | .830 |
| DTW Mean HbO2 | 0.03 | 0.03 | 0.04 | 7.34 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.12 | -0.58 | 0.81 | 0.34 | .736 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.69 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.00 | .045 |
| Left Precentral Thickness | -0.07 | -0.33 | 0.19 | -0.55 | .581 |
| STW vs. DTW \* Left Precentral Thickness | 0.10 | -0.03 | 0.23 | 1.48 | .140 |
| STA vs. DTW \* Left Precentral Thickness | 0.13 | 0.00 | 0.26 | 1.92 | .055 |
| Age | 0.00 | -0.01 | 0.01 | 0.03 | .973 |
| Sex | 0.09 | 0.03 | 0.15 | 2.92 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.35 | .184 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.88 | .067 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.08 | -1.07 | .292 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.34 | .738 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.20 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.13 | -0.57 | 0.82 | 0.37 | .715 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.73 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -1.97 | .049 |
| Left Precuneus Thickness | -0.07 | -0.39 | 0.25 | -0.45 | .657 |
| STW vs. DTW \* Left Precuneus Thickness | 0.13 | -0.02 | 0.29 | 1.67 | .094 |
| **STA vs. DTW \* Left Precuneus Thickness** | **0.22** | **0.06** | **0.37** | **2.65** | **.008** |
| Age | 0.00 | -0.01 | 0.01 | 0.07 | .948 |
| Sex | 0.09 | 0.03 | 0.15 | 2.87 | .006 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.39 | .171 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.73 | .090 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.08 | -1.08 | .285 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.36 | .719 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 6.92 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.10 | -0.59 | 0.79 | 0.29 | .770 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.70 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.05 | .041 |
| Left Rostral Anterior Cingulate Thickness | -0.01 | -0.17 | 0.14 | -0.17 | .864 |
| STW vs. DTW \* Left Rostral Anterior Cingulate Thickness | -0.03 | -0.12 | 0.05 | -0.75 | .452 |
| STA vs. DTW \* Left Rostral Anterior Cingulate Thickness | -0.01 | -0.09 | 0.07 | -0.21 | .835 |
| Age | 0.00 | -0.01 | 0.01 | 0.07 | .942 |
| Sex | 0.09 | 0.03 | 0.15 | 2.97 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.38 | .174 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.98 | .053 |
| DTW Letter Generation Rate | -0.08 | -0.27 | 0.11 | -0.87 | .388 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.42 | .678 |
| DTW Mean HbO2 | 0.03 | 0.03 | 0.04 | 7.35 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.13 | -0.55 | 0.81 | 0.39 | .700 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.81 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.08 | .037 |
| Left Rostral Middle Frontal Thickness | -0.43 | -0.71 | -0.14 | -3.00 | .004 |
| **STW vs. DTW \* Left Rostral Middle Frontal Thickness** | **0.42** | **0.26** | **0.57** | **5.26** | **<.001** |
| **STA vs. DTW \* Left Rostral Middle Frontal Thickness** | **0.36** | **0.20** | **0.51** | **4.52** | **<.001** |
| Age | 0.00 | -0.01 | 0.01 | -0.06 | .954 |
| Sex | 0.08 | 0.02 | 0.15 | 2.81 | .007 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.32 | .194 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.87 | .068 |
| DTW Letter Generation Rate | -0.07 | -0.25 | 0.11 | -0.79 | .434 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.21 | .833 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.08 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.09 | -0.59 | 0.76 | 0.26 | .797 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.74 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -1.97 | .049 |
| Left Superior Frontal Thickness | -0.44 | -0.70 | -0.17 | -3.33 | .002 |
| **STW vs. DTW \* Left Superior Frontal Thickness** | **0.38** | **0.24** | **0.52** | **5.21** | **<.001** |
| **STA vs. DTW \* Left Superior Frontal Thickness** | **0.41** | **0.26** | **0.55** | **5.58** | **<.001** |
| Age | 0.00 | -0.01 | 0.01 | -0.03 | .976 |
| Sex | 0.09 | 0.03 | 0.15 | 3.02 | .004 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.33 | .191 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 2.11 | .041 |
| DTW Letter Generation Rate | -0.08 | -0.25 | 0.10 | -0.89 | .381 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.12 | .904 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 6.93 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.11 | -0.58 | 0.80 | 0.32 | .749 |
| STW vs. DTW | -0.04 | -0.06 | -0.03 | -4.61 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.00 | .045 |
| Left Superior Parietal Thickness | -0.18 | -0.43 | 0.07 | -1.42 | .160 |
| **STW vs. DTW \* Left Superior Parietal Thickness** | **0.30** | **0.16** | **0.43** | **4.34** | **<.001** |
| STA vs. DTW \* Left Superior Parietal Thickness | 0.14 | 0.00 | 0.27 | 2.02 | .044 |
| Age | 0.00 | -0.01 | 0.01 | 0.01 | .989 |
| Sex | 0.09 | 0.03 | 0.15 | 2.95 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.37 | .177 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.98 | .054 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.09 | -1.02 | .313 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.28 | .779 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.19 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.11 | -0.59 | 0.80 | 0.31 | .758 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.78 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.07 | .039 |
| Left Superior Temporal Thickness | 0.10 | -0.15 | 0.36 | 0.80 | .425 |
| **STW vs. DTW \* Left Superior Temporal Thickness** | **-0.21** | **-0.33** | **-0.08** | **-3.28** | **.001** |
| STA vs. DTW \* Left Superior Temporal Thickness | -0.01 | -0.13 | 0.11 | -0.16 | .870 |
| Age | 0.00 | -0.01 | 0.01 | 0.10 | .920 |
| Sex | 0.09 | 0.03 | 0.15 | 2.96 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.25 | .217 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.73 | .090 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.09 | -0.98 | .333 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.35 | .730 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.14 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.12 | -0.57 | 0.81 | 0.36 | .717 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.73 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.06 | .039 |
| Left Supramarginal Thickness | -0.11 | -0.43 | 0.22 | -0.66 | .512 |
| STW vs. DTW \* Left Supramarginal Thickness | 0.04 | -0.13 | 0.21 | 0.48 | .633 |
| STA vs. DTW \* Left Supramarginal Thickness | 0.11 | -0.05 | 0.28 | 1.33 | .185 |
| Age | 0.00 | -0.01 | 0.01 | -0.04 | .971 |
| Sex | 0.09 | 0.03 | 0.15 | 2.94 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.43 | .159 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.99 | .052 |
| DTW Letter Generation Rate | -0.10 | -0.28 | 0.08 | -1.11 | .271 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.26 | .799 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.19 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.12 | -0.57 | 0.80 | 0.34 | .737 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.75 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.09 | .037 |
| Left Frontal Pole Thickness | -0.11 | -0.22 | 0.01 | -1.87 | .067 |
| **STW vs. DTW \* Left Frontal Pole Thickness** | **0.17** | **0.11** | **0.23** | **5.67** | **<.001** |
| **STA vs. DTW \* Left Frontal Pole Thickness** | **0.16** | **0.10** | **0.21** | **5.22** | **<.001** |
| Age | 0.00 | -0.01 | 0.01 | 0.03 | .975 |
| Sex | 0.09 | 0.03 | 0.15 | 2.85 | .007 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.33 | .191 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.96 | .057 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.08 | -1.06 | .295 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.35 | .730 |
| DTW Mean HbO2 | 0.03 | 0.03 | 0.04 | 7.51 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.10 | -0.58 | 0.78 | 0.30 | .768 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.79 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.05 | .040 |
| Left Temporal Pole Thickness | 0.09 | -0.02 | 0.20 | 1.64 | .106 |
| **STW vs. DTW \* Left Temporal Pole Thickness** | **-0.10** | **-0.16** | **-0.04** | **-3.38** | **.001** |
| STA vs. DTW \* Left Temporal Pole Thickness | 0.01 | -0.05 | 0.07 | 0.18 | .855 |
| Age | 0.00 | -0.01 | 0.01 | 0.12 | .902 |
| Sex | 0.09 | 0.03 | 0.15 | 2.98 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.21 | .233 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.74 | .090 |
| DTW Letter Generation Rate | -0.09 | -0.26 | 0.09 | -1.01 | .318 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.15 | .883 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.35 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.10 | -0.59 | 0.79 | 0.29 | .773 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.69 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.05 | .041 |
| Left Transverse Temporal Thickness | -0.01 | -0.17 | 0.15 | -0.11 | .913 |
| STW vs. DTW \* Left Transverse Temporal Thickness | -0.07 | -0.16 | 0.01 | -1.72 | .086 |
| STA vs. DTW \* Left Transverse Temporal Thickness | -0.03 | -0.12 | 0.05 | -0.81 | .416 |
| Age | 0.00 | -0.01 | 0.01 | 0.00 | <.001 |
| Sex | 0.09 | 0.03 | 0.15 | 3.01 | .004 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.44 | .156 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 2.04 | .047 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.08 | -1.08 | .287 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.20 | .846 |
| DTW Mean HbO2 | 0.03 | 0.03 | 0.04 | 7.37 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.21 | -0.45 | 0.86 | 0.63 | .530 |
| STW vs. DTW | -0.04 | -0.06 | -0.03 | -4.66 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.04 | .041 |
| Left Insula Thickness | 0.25 | 0.04 | 0.46 | 2.37 | .021 |
| STW vs. DTW \* Left Insula Thickness | -0.04 | -0.15 | 0.07 | -0.68 | .498 |
| STA vs. DTW \* Left Insula Thickness | 0.01 | -0.10 | 0.12 | 0.14 | .887 |
| Age | 0.00 | -0.01 | 0.01 | 0.20 | .843 |
| Sex | 0.08 | 0.02 | 0.14 | 2.77 | .008 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.46 | .152 |
| RBANS Total Score | 0.00 | 0.00 | 0.00 | 1.38 | .174 |
| DTW Letter Generation Rate | -0.15 | -0.32 | 0.02 | -1.76 | .085 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.48 | .631 |
| DTW Mean HbO2 | 0.03 | 0.03 | 0.04 | 7.39 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.06 | -0.62 | 0.74 | 0.19 | .853 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.84 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.19 | .028 |
| Right Banks of the Superior Temporal Sulcus Thickness | 0.07 | -0.16 | 0.31 | 0.64 | .523 |
| STW vs. DTW \* Right Banks of the Superior Temporal Sulcus Thickness | -0.05 | -0.18 | 0.07 | -0.81 | .418 |
| **STA vs. DTW \* Right Banks of the Superior Temporal Sulcus Thickness** | **0.28** | **0.15** | **0.40** | **4.37** | **<.001** |
| Age | 0.00 | -0.01 | 0.01 | 0.31 | .758 |
| Sex | 0.08 | 0.02 | 0.14 | 2.70 | .010 |
| Global Health Score | -0.02 | -0.05 | 0.02 | -1.01 | .316 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.77 | .084 |
| DTW Letter Generation Rate | -0.09 | -0.26 | 0.09 | -1.02 | .315 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.31 | .761 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 6.96 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.11 | -0.60 | 0.81 | 0.30 | .763 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.72 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.05 | .040 |
| Right Caudal Anterior Cingulate Thickness | -0.01 | -0.16 | 0.13 | -0.17 | .866 |
| STW vs. DTW \* Right Caudal Anterior Cingulate Thickness | 0.03 | -0.05 | 0.11 | 0.77 | .440 |
| STA vs. DTW \* Right Caudal Anterior Cingulate Thickness | 0.03 | -0.04 | 0.11 | 0.84 | .403 |
| Age | 0.00 | -0.01 | 0.01 | 0.05 | .962 |
| Sex | 0.09 | 0.03 | 0.15 | 2.91 | .006 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.38 | .174 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.94 | .058 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.08 | -1.07 | .290 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.32 | .748 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.21 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.05 | -0.61 | 0.71 | 0.15 | .884 |
| STW vs. DTW | -0.04 | -0.06 | -0.03 | -4.66 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -1.96 | .050 |
| Right Caudal Middle Frontal Thickness | -0.54 | -0.79 | -0.30 | -4.43 | <.001 |
| **STW vs. DTW \* Right Caudal Middle Frontal Thickness** | **0.43** | **0.30** | **0.57** | **6.33** | **<.001** |
| **STA vs. DTW \* Right Caudal Middle Frontal Thickness** | **0.45** | **0.32** | **0.58** | **6.59** | **<.001** |
| Age | 0.00 | -0.01 | 0.01 | -0.06 | .953 |
| Sex | 0.09 | 0.03 | 0.14 | 2.95 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.58 | .120 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 2.62 | .012 |
| DTW Letter Generation Rate | -0.07 | -0.24 | 0.10 | -0.81 | .422 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.53 | .602 |
| DTW Mean HbO2 | 0.03 | 0.03 | 0.04 | 7.40 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.13 | -0.54 | 0.81 | 0.39 | .698 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.75 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.09 | .037 |
| Right Cuneus Thickness | 0.10 | -0.19 | 0.39 | 0.69 | .493 |
| STW vs. DTW \* Right Cuneus Thickness | 0.09 | -0.05 | 0.24 | 1.24 | .214 |
| STA vs. DTW \* Right Cuneus Thickness | 0.16 | 0.02 | 0.31 | 2.16 | .031 |
| Age | 0.00 | -0.01 | 0.01 | 0.18 | .855 |
| Sex | 0.07 | 0.01 | 0.14 | 2.29 | .027 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.40 | .167 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.78 | .081 |
| DTW Letter Generation Rate | -0.10 | -0.27 | 0.07 | -1.19 | .241 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.53 | .601 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.25 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.12 | -0.56 | 0.79 | 0.35 | .730 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.69 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.06 | .040 |
| Right Entorhinal Thickness | -0.05 | -0.15 | 0.04 | -1.19 | .238 |
| STW vs. DTW \* Right Entorhinal Thickness | -0.03 | -0.08 | 0.03 | -0.99 | .324 |
| STA vs. DTW \* Right Entorhinal Thickness | 0.03 | -0.02 | 0.08 | 1.19 | .235 |
| Age | 0.00 | -0.01 | 0.01 | -0.02 | .984 |
| Sex | 0.09 | 0.03 | 0.15 | 2.93 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.55 | .128 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 2.09 | .042 |
| DTW Letter Generation Rate | -0.12 | -0.30 | 0.06 | -1.34 | .188 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.14 | .891 |
| DTW Mean HbO2 | 0.03 | 0.03 | 0.04 | 7.38 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.11 | -0.58 | 0.80 | 0.31 | .759 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.75 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.04 | .041 |
| Right Fusiform Thickness | -0.14 | -0.43 | 0.15 | -0.97 | .339 |
| STW vs. DTW \* Right Fusiform Thickness | 0.03 | -0.13 | 0.18 | 0.32 | .751 |
| **STA vs. DTW \* Right Fusiform Thickness** | **0.26** | **0.11** | **0.42** | **3.31** | **.001** |
| Age | 0.00 | -0.01 | 0.01 | 0.03 | .974 |
| Sex | 0.09 | 0.03 | 0.15 | 2.97 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.43 | .160 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.98 | .054 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.08 | -1.08 | .285 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.35 | .730 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.23 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.12 | -0.57 | 0.81 | 0.34 | .738 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.72 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -1.99 | .047 |
| Right Inferior Parietal Thickness | -0.11 | -0.44 | 0.23 | -0.64 | .524 |
| STW vs. DTW \* Right Inferior Parietal Thickness | 0.11 | -0.07 | 0.28 | 1.19 | .235 |
| **STA vs. DTW \* Right Inferior Parietal Thickness** | **0.22** | **0.05** | **0.40** | **2.47** | **.014** |
| Age | 0.00 | -0.01 | 0.01 | 0.04 | .972 |
| Sex | 0.09 | 0.03 | 0.15 | 2.94 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.36 | .181 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.90 | .064 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.08 | -1.07 | .290 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.33 | .742 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.14 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.12 | -0.57 | 0.82 | 0.36 | .722 |
| STW vs. DTW | -0.05 | -0.07 | -0.03 | -4.88 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.01 | .045 |
| Right Inferior Temporal Thickness | -0.01 | -0.36 | 0.33 | -0.08 | .937 |
| STW vs. DTW \* Right Inferior Temporal Thickness | -0.20 | -0.38 | -0.03 | -2.27 | .023 |
| **STA vs. DTW \* Right Inferior Temporal Thickness** | **0.35** | **0.17** | **0.52** | **3.89** | **<.001** |
| Age | 0.00 | -0.01 | 0.01 | 0.04 | .967 |
| Sex | 0.09 | 0.03 | 0.15 | 2.92 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.31 | .195 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.78 | .082 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.09 | -0.99 | .328 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.36 | .720 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.08 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.12 | -0.57 | 0.80 | 0.34 | .736 |
| STW vs. DTW | -0.04 | -0.06 | -0.03 | -4.60 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.02 | .044 |
| Right Isthmus Cingulate Thickness | 0.12 | -0.08 | 0.32 | 1.23 | .223 |
| **STW vs. DTW \* Right Isthmus Cingulate Thickness** | **-0.22** | **-0.33** | **-0.11** | **-4.01** | **<.001** |
| STA vs. DTW \* Right Isthmus Cingulate Thickness | -0.06 | -0.17 | 0.04 | -1.18 | .238 |
| Age | 0.00 | -0.01 | 0.01 | 0.02 | .981 |
| Sex | 0.09 | 0.03 | 0.15 | 2.96 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.37 | .178 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.95 | .057 |
| DTW Letter Generation Rate | -0.08 | -0.27 | 0.10 | -0.92 | .362 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.38 | .703 |
| DTW Mean HbO2 | 0.03 | 0.03 | 0.04 | 7.42 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.16 | -0.54 | 0.86 | 0.46 | .647 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.79 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.10 | .036 |
| Right Lateral Occipital Thickness | -0.02 | -0.33 | 0.28 | -0.14 | .891 |
| STW vs. DTW \* Right Lateral Occipital Thickness | 0.11 | -0.05 | 0.27 | 1.39 | .163 |
| **STA vs. DTW \* Right Lateral Occipital Thickness** | **0.23** | **0.07** | **0.39** | **2.85** | **.004** |
| Age | 0.00 | -0.01 | 0.01 | 0.00 | .999 |
| Sex | 0.09 | 0.02 | 0.15 | 2.80 | .007 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.35 | .184 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.73 | .091 |
| DTW Letter Generation Rate | -0.10 | -0.27 | 0.08 | -1.13 | .263 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.42 | .674 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.01 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.10 | -0.58 | 0.79 | 0.30 | .767 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.73 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.07 | .039 |
| Right Lateral Orbitofrontal Thickness | 0.07 | -0.18 | 0.32 | 0.56 | .580 |
| STW vs. DTW \* Right Lateral Orbitofrontal Thickness | -0.05 | -0.19 | 0.09 | -0.72 | .470 |
| STA vs. DTW \* Right Lateral Orbitofrontal Thickness | 0.10 | -0.04 | 0.25 | 1.44 | .150 |
| Age | 0.00 | -0.01 | 0.01 | 0.09 | .931 |
| Sex | 0.09 | 0.03 | 0.15 | 2.90 | .006 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.46 | .150 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 2.02 | .050 |
| DTW Letter Generation Rate | -0.09 | -0.26 | 0.08 | -1.04 | .302 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.41 | .685 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.21 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.11 | -0.58 | 0.80 | 0.32 | .751 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.78 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.11 | .035 |
| Right Lingual Thickness | -0.14 | -0.45 | 0.16 | -0.94 | .351 |
| STW vs. DTW \* Right Lingual Thickness | 0.10 | -0.06 | 0.27 | 1.28 | .202 |
| **STA vs. DTW \* Right Lingual Thickness** | **0.23** | **0.07** | **0.39** | **2.77** | **.006** |
| Age | 0.00 | -0.01 | 0.01 | 0.02 | .980 |
| Sex | 0.09 | 0.03 | 0.15 | 2.93 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.41 | .166 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.97 | .055 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.08 | -1.05 | .300 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.27 | .790 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.13 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.15 | -0.54 | 0.84 | 0.44 | .660 |
| STW vs. DTW | -0.04 | -0.06 | -0.03 | -4.66 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.06 | .039 |
| Right Medial Orbitofrontal Thickness | -0.08 | -0.27 | 0.11 | -0.88 | .385 |
| STW vs. DTW \* Right Medial Orbitofrontal Thickness | -0.05 | -0.15 | 0.06 | -0.84 | .403 |
| STA vs. DTW \* Right Medial Orbitofrontal Thickness | 0.06 | -0.04 | 0.17 | 1.15 | .248 |
| Age | 0.00 | -0.01 | 0.01 | -0.08 | .935 |
| Sex | 0.09 | 0.03 | 0.15 | 2.87 | .006 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.33 | .191 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.95 | .058 |
| DTW Letter Generation Rate | -0.10 | -0.28 | 0.07 | -1.19 | .239 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.29 | .774 |
| DTW Mean HbO2 | 0.03 | 0.03 | 0.04 | 7.42 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.13 | -0.56 | 0.82 | 0.38 | .704 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.87 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.16 | .031 |
| Right Middle Temporal Thickness | 0.06 | -0.20 | 0.33 | 0.47 | .641 |
| **STW vs. DTW \* Right Middle Temporal Thickness** | **-0.20** | **-0.34** | **-0.07** | **-2.98** | **.003** |
| **STA vs. DTW \* Right Middle Temporal Thickness** | **0.26** | **0.13** | **0.39** | **3.83** | **<.001** |
| Age | 0.00 | -0.01 | 0.01 | 0.08 | .938 |
| Sex | 0.09 | 0.03 | 0.15 | 2.90 | .006 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.10 | .277 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.77 | .083 |
| DTW Letter Generation Rate | -0.09 | -0.26 | 0.09 | -0.99 | .328 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.48 | .632 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 6.91 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.25 | -0.42 | 0.92 | 0.75 | .458 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.73 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.03 | .042 |
| Right Parahippocampal Thickness | -0.18 | -0.38 | 0.02 | -1.82 | .075 |
| STW vs. DTW \* Right Parahippocampal Thickness | 0.06 | -0.06 | 0.17 | 0.97 | .333 |
| STA vs. DTW \* Right Parahippocampal Thickness | -0.09 | -0.20 | 0.02 | -1.59 | .113 |
| Age | 0.00 | -0.01 | 0.01 | -0.38 | .703 |
| Sex | 0.10 | 0.04 | 0.15 | 3.27 | .002 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.57 | .123 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 2.17 | .035 |
| DTW Letter Generation Rate | -0.10 | -0.26 | 0.07 | -1.14 | .260 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.91 | .370 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.33 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.01 | -0.70 | 0.73 | 0.04 | .969 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.71 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.00 | .046 |
| Right Paracentral Thickness | -0.23 | -0.52 | 0.07 | -1.53 | .131 |
| STW vs. DTW \* Right Paracentral Thickness | 0.13 | -0.02 | 0.28 | 1.71 | .087 |
| STA vs. DTW \* Right Paracentral Thickness | 0.16 | 0.01 | 0.31 | 2.09 | .036 |
| Age | 0.00 | -0.01 | 0.01 | 0.22 | .827 |
| Sex | 0.09 | 0.03 | 0.15 | 2.93 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.59 | .118 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 2.16 | .036 |
| DTW Letter Generation Rate | -0.08 | -0.26 | 0.10 | -0.91 | .369 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.21 | .835 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.03 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.13 | -0.56 | 0.82 | 0.38 | .705 |
| STW vs. DTW | -0.05 | -0.07 | -0.03 | -4.85 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.04 | .041 |
| Right Pars Opercularis Thickness | 0.03 | -0.23 | 0.29 | 0.22 | .827 |
| STW vs. DTW \* Right Pars Opercularis Thickness | -0.10 | -0.24 | 0.03 | -1.47 | .142 |
| **STA vs. DTW \* Right Pars Opercularis Thickness** | **0.17** | **0.04** | **0.31** | **2.47** | **.013** |
| Age | 0.00 | -0.01 | 0.01 | 0.05 | .964 |
| Sex | 0.09 | 0.03 | 0.15 | 2.86 | .006 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.34 | .188 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.85 | .071 |
| DTW Letter Generation Rate | -0.10 | -0.27 | 0.08 | -1.11 | .273 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.39 | .698 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 6.97 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.14 | -0.54 | 0.83 | 0.42 | .677 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.74 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.07 | .039 |
| Right Pars Orbitalis Thickness | 0.16 | -0.07 | 0.38 | 1.37 | .177 |
| STW vs. DTW \* Right Pars Orbitalis Thickness | -0.12 | -0.24 | 0.01 | -1.86 | .063 |
| STA vs. DTW \* Right Pars Orbitalis Thickness | -0.05 | -0.17 | 0.08 | -0.76 | .448 |
| Age | 0.00 | -0.01 | 0.01 | -0.02 | .987 |
| Sex | 0.09 | 0.03 | 0.15 | 3.07 | .004 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.30 | .199 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 2.00 | .052 |
| DTW Letter Generation Rate | -0.11 | -0.29 | 0.07 | -1.24 | .222 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.48 | .635 |
| DTW Mean HbO2 | 0.03 | 0.03 | 0.04 | 7.34 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.15 | -0.54 | 0.84 | 0.44 | .659 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.80 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.09 | .037 |
| Right Pars Triangularis Thickness | -0.19 | -0.51 | 0.12 | -1.22 | .227 |
| STW vs. DTW \* Right Pars Triangularis Thickness | -0.06 | -0.22 | 0.10 | -0.72 | .471 |
| **STA vs. DTW \* Right Pars Triangularis Thickness** | **0.21** | **0.05** | **0.38** | **2.54** | **.011** |
| Age | 0.00 | -0.01 | 0.01 | -0.16 | .872 |
| Sex | 0.09 | 0.03 | 0.15 | 2.91 | .006 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.59 | .119 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.96 | .057 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.08 | -1.06 | .296 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.05 | .959 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.01 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.06 | -0.64 | 0.76 | 0.18 | .856 |
| STW vs. DTW | -0.05 | -0.07 | -0.03 | -4.84 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.13 | .033 |
| Right Pericalcarine Thickness | -0.06 | -0.38 | 0.26 | -0.36 | .722 |
| **STW vs. DTW \* Right Pericalcarine Thickness** | **0.25** | **0.09** | **0.41** | **3.00** | **.003** |
| **STA vs. DTW \* Right Pericalcarine Thickness** | **0.25** | **0.09** | **0.41** | **3.06** | **.002** |
| Age | 0.00 | -0.01 | 0.01 | 0.22 | .826 |
| Sex | 0.09 | 0.02 | 0.15 | 2.80 | .008 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.45 | .153 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 2.08 | .044 |
| DTW Letter Generation Rate | -0.09 | -0.26 | 0.09 | -1.02 | .315 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.55 | .582 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 6.99 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.14 | -0.56 | 0.85 | 0.40 | .688 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.67 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.03 | .043 |
| Right Postcentral Thickness | 0.00 | -0.44 | 0.45 | 0.01 | .989 |
| STW vs. DTW \* Right Postcentral Thickness | 0.12 | -0.09 | 0.33 | 1.12 | .263 |
| STA vs. DTW \* Right Postcentral Thickness | 0.09 | -0.12 | 0.30 | 0.82 | .414 |
| Age | 0.00 | -0.01 | 0.01 | 0.03 | .973 |
| Sex | 0.09 | 0.03 | 0.15 | 2.97 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.31 | .197 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.66 | .104 |
| DTW Letter Generation Rate | -0.10 | -0.27 | 0.08 | -1.11 | .274 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.40 | .694 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.32 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.10 | -0.58 | 0.77 | 0.29 | .776 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.75 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.10 | .036 |
| Right Posterior Cingulate Thickness | -0.16 | -0.39 | 0.07 | -1.39 | .169 |
| STW vs. DTW \* Right Posterior Cingulate Thickness | -0.10 | -0.23 | 0.02 | -1.65 | .100 |
| STA vs. DTW \* Right Posterior Cingulate Thickness | 0.10 | -0.02 | 0.23 | 1.59 | .112 |
| Age | 0.00 | -0.01 | 0.01 | 0.10 | .921 |
| Sex | 0.09 | 0.03 | 0.15 | 3.01 | .004 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.57 | .123 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 2.12 | .040 |
| DTW Letter Generation Rate | -0.14 | -0.32 | 0.04 | -1.51 | .137 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.14 | .891 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.12 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.05 | -0.65 | 0.74 | 0.14 | .886 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.76 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -1.96 | .051 |
| Right Precentral Thickness | -0.34 | -0.69 | 0.00 | -2.00 | .050 |
| **STW vs. DTW \* Right Precentral Thickness** | **0.20** | **0.03** | **0.37** | **2.36** | **.018** |
| **STA vs. DTW \* Right Precentral Thickness** | **0.34** | **0.17** | **0.51** | **3.89** | **<.001** |
| Age | 0.00 | -0.01 | 0.01 | 0.00 | .999 |
| Sex | 0.09 | 0.02 | 0.15 | 2.82 | .007 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.49 | .144 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 2.21 | .032 |
| DTW Letter Generation Rate | -0.08 | -0.26 | 0.10 | -0.91 | .367 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.26 | .794 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 6.86 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.11 | -0.58 | 0.80 | 0.31 | .755 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.76 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.02 | .044 |
| Right Precuneus Thickness | -0.14 | -0.43 | 0.16 | -0.92 | .360 |
| STW vs. DTW \* Right Precuneus Thickness | 0.09 | -0.06 | 0.25 | 1.18 | .237 |
| **STA vs. DTW \* Right Precuneus Thickness** | **0.22** | **0.06** | **0.37** | **2.70** | **.007** |
| Age | 0.00 | -0.01 | 0.01 | 0.03 | .979 |
| Sex | 0.09 | 0.03 | 0.15 | 2.95 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.40 | .167 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.96 | .057 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.08 | -1.05 | .299 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.33 | .743 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.02 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.12 | -0.57 | 0.81 | 0.34 | .737 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.71 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.08 | .037 |
| Right Rostral Anterior Cingulate Thickness | -0.01 | -0.13 | 0.11 | -0.21 | .832 |
| STW vs. DTW \* Right Rostral Anterior Cingulate Thickness | 0.01 | -0.06 | 0.08 | 0.27 | .786 |
| STA vs. DTW \* Right Rostral Anterior Cingulate Thickness | 0.03 | -0.03 | 0.10 | 1.03 | .305 |
| Age | 0.00 | -0.01 | 0.01 | 0.03 | .976 |
| Sex | 0.09 | 0.03 | 0.15 | 2.89 | .006 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.38 | .173 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.95 | .058 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.08 | -1.06 | .293 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.33 | .745 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.30 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.10 | -0.59 | 0.80 | 0.30 | .764 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.83 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.08 | .038 |
| Right Rostral Middle Frontal Thickness | -0.36 | -0.66 | -0.05 | -2.36 | .022 |
| **STW vs. DTW \* Right Rostral Middle Frontal Thickness** | **0.41** | **0.25** | **0.57** | **5.08** | **<.001** |
| **STA vs. DTW \* Right Rostral Middle Frontal Thickness** | **0.51** | **0.35** | **0.67** | **6.34** | **<.001** |
| Age | 0.00 | -0.01 | 0.01 | 0.04 | .967 |
| Sex | 0.09 | 0.03 | 0.15 | 2.94 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.27 | .210 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.97 | .055 |
| DTW Letter Generation Rate | -0.08 | -0.27 | 0.10 | -0.93 | .356 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.30 | .764 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.04 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.10 | -0.57 | 0.77 | 0.29 | .771 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.83 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.07 | .038 |
| Right Superior Frontal Thickness | -0.45 | -0.72 | -0.18 | -3.38 | .001 |
| **STW vs. DTW \* Right Superior Frontal Thickness** | **0.30** | **0.16** | **0.45** | **4.10** | **<.001** |
| **STA vs. DTW \* Right Superior Frontal Thickness** | **0.40** | **0.26** | **0.55** | **5.46** | **<.001** |
| Age | 0.00 | -0.01 | 0.01 | -0.13 | .898 |
| Sex | 0.09 | 0.03 | 0.15 | 2.96 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.46 | .151 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 2.28 | .028 |
| DTW Letter Generation Rate | -0.07 | -0.24 | 0.10 | -0.82 | .418 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.22 | .825 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 6.95 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.11 | -0.59 | 0.80 | 0.30 | .762 |
| STW vs. DTW | -0.04 | -0.06 | -0.03 | -4.60 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -1.95 | .052 |
| Right Superior Parietal Thickness | -0.21 | -0.50 | 0.08 | -1.44 | .156 |
| **STW vs. DTW \* Right Superior Parietal Thickness** | **0.30** | **0.15** | **0.46** | **3.79** | **<.001** |
| **STA vs. DTW \* Right Superior Parietal Thickness** | **0.25** | **0.09** | **0.41** | **3.11** | **.002** |
| Age | 0.00 | -0.01 | 0.01 | 0.04 | .971 |
| Sex | 0.09 | 0.03 | 0.15 | 2.95 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.39 | .170 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.95 | .058 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.08 | -1.05 | .299 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.32 | .751 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.22 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.24 | -0.44 | 0.91 | 0.71 | .483 |
| STW vs. DTW | -0.05 | -0.07 | -0.03 | -4.84 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.07 | .039 |
| Right Superior Temporal Thickness | -0.31 | -0.58 | -0.03 | -2.19 | .033 |
| STW vs. DTW \* Right Superior Temporal Thickness | -0.07 | -0.20 | 0.07 | -0.98 | .325 |
| **STA vs. DTW \* Right Superior Temporal Thickness** | **0.18** | **0.05** | **0.32** | **2.63** | **.009** |
| Age | 0.00 | -0.01 | 0.00 | -0.70 | .490 |
| Sex | 0.08 | 0.02 | 0.14 | 2.79 | .008 |
| Global Health Score | -0.03 | -0.06 | 0.00 | -1.99 | .053 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 2.38 | .021 |
| DTW Letter Generation Rate | -0.11 | -0.28 | 0.06 | -1.27 | .211 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | 0.26 | .797 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 6.91 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.11 | -0.58 | 0.80 | 0.33 | .743 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.73 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.05 | .041 |
| Right Supramarginal Thickness | -0.06 | -0.36 | 0.24 | -0.39 | .696 |
| STW vs. DTW \* Right Supramarginal Thickness | 0.02 | -0.13 | 0.16 | 0.22 | .828 |
| STA vs. DTW \* Right Supramarginal Thickness | 0.11 | -0.04 | 0.25 | 1.48 | .139 |
| Age | 0.00 | -0.01 | 0.01 | 0.02 | .986 |
| Sex | 0.09 | 0.03 | 0.15 | 2.92 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.35 | .185 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.91 | .062 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.08 | -1.06 | .293 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.30 | .769 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.18 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.13 | -0.56 | 0.82 | 0.38 | .708 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.75 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.09 | .037 |
| Right Frontal Pole Thickness | -0.06 | -0.19 | 0.07 | -0.87 | .388 |
| **STW vs. DTW \* Right Frontal Pole Thickness** | **0.16** | **0.09** | **0.23** | **4.60** | **<.001** |
| **STA vs. DTW \* Right Frontal Pole Thickness** | **0.11** | **0.04** | **0.17** | **3.10** | **.002** |
| Age | 0.00 | -0.01 | 0.01 | -0.02 | .982 |
| Sex | 0.09 | 0.03 | 0.16 | 2.97 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.46 | .150 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 2.02 | .049 |
| DTW Letter Generation Rate | -0.10 | -0.29 | 0.08 | -1.16 | .251 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.37 | .711 |
| DTW Mean HbO2 | 0.03 | 0.03 | 0.04 | 7.53 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.14 | -0.55 | 0.83 | 0.41 | .684 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.75 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.07 | .039 |
| Right Temporal Pole Thickness | 0.01 | -0.10 | 0.12 | 0.20 | .841 |
| **STW vs. DTW \* Right Temporal Pole Thickness** | **-0.12** | **-0.17** | **-0.06** | **-3.85** | **<.001** |
| STA vs. DTW \* Right Temporal Pole Thickness | -0.04 | -0.10 | 0.02 | -1.29 | .198 |
| Age | 0.00 | -0.01 | 0.01 | -0.04 | .965 |
| Sex | 0.10 | 0.03 | 0.16 | 3.08 | .004 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.41 | .165 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.98 | .054 |
| DTW Letter Generation Rate | -0.10 | -0.27 | 0.08 | -1.12 | .267 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.40 | .688 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.10 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.12 | -0.57 | 0.82 | 0.36 | .722 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.70 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.04 | .042 |
| Right Transverse Temporal Thickness | 0.00 | -0.15 | 0.15 | 0.00 | .996 |
| STW vs. DTW \* Right Transverse Temporal Thickness | -0.06 | -0.14 | 0.02 | -1.54 | .124 |
| STA vs. DTW \* Right Transverse Temporal Thickness | 0.02 | -0.05 | 0.10 | 0.56 | .573 |
| Age | 0.00 | -0.01 | 0.01 | -0.01 | .989 |
| Sex | 0.09 | 0.03 | 0.15 | 2.95 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.40 | .169 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.97 | .055 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.08 | -1.06 | .296 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.32 | .747 |
| DTW Mean HbO2 | 0.03 | 0.03 | 0.04 | 7.41 | <.001 |
| Linear Mixed Model |
| Variable | Estimate | 95% Confidence Interval | *t* | *p-*value |
| Lower Bound | Upper Bound |
| Intercept | 0.11 | -0.58 | 0.80 | 0.32 | .749 |
| STW vs. DTW | -0.05 | -0.06 | -0.03 | -4.76 | <.001 |
| STA vs. DTW | -0.02 | -0.04 | 0.00 | -2.07 | .038 |
| Right Insula Thickness | 0.08 | -0.15 | 0.30 | 0.67 | .503 |
| **STW vs. DTW \* Right Insula Thickness** | **-0.20** | **-0.32** | **-0.08** | **-3.25** | **.001** |
| STA vs. DTW \* Right Insula Thickness | -0.08 | -0.20 | 0.04 | -1.26 | .207 |
| Age | 0.00 | -0.01 | 0.01 | 0.03 | .977 |
| Sex | 0.09 | 0.03 | 0.15 | 2.94 | .005 |
| Global Health Score | -0.02 | -0.05 | 0.01 | -1.40 | .168 |
| RBANS Total Score | 0.00 | 0.00 | 0.01 | 1.95 | .058 |
| DTW Letter Generation Rate | -0.09 | -0.27 | 0.08 | -1.06 | .293 |
| DTW Velocity | 0.00 | 0.00 | 0.00 | -0.33 | .746 |
| DTW Mean HbO2 | 0.03 | 0.02 | 0.04 | 7.19 | <.001 |

*Note*. Significant FDR-corrected interaction effects are displayed in bold. STW = single-task walk. STA = single-task alpha, DTW = dual-task walk, HbO2 = oxygenated hemoglobin.