| **Within Subjects Effects**  |
| --- |
| **Cases** | **Sum of Squares** | **df** | **Mean Square** | **F** | **p** | **η²p** |
| Hemisphere  |  | 22.3 |  | 1 |  | 22.3 |  | 0.855 |  | 0.2361 |  | 0.021 |  |
| Hemisphere ✻ group  |  | 222.9 |  | 1 |  | 222.9 |  | 8.536 |  | 0.006 |  | 0.176 |  |
| Hemisphere ✻ brainVol  |  | 11.9 |  | 1 |  | 11.9 |  | 0.9455 |  | 0.504 |  | 0.011 |  |
| Residuals  |  | 1044.7 |  | 40 |  | 26.1 |  |  |  |  |  |  |  |
|  |
|

| **Between Subjects Effects**  |
| --- |
| **Cases** | **Sum of Squares** | **df** | **Mean Square** | **F** | **p** | **η²p** |
| Group  |  | 225 |  | 1 |  | 225 |  | 2.20 |  | 0.146 |  | 0.052 |  |
| BrainVol  |  | 331 |  | 1 |  | 331 |  | 3.23 |  | 0.080 |  | 0.075 |  |
| Residuals  |  | 4090 |  | 40 |  | 102 |  |  |  |  |  |  |  |
|  |
| *Note.*  Type III Sum of Squares  |

 |

***Figure 4 – source data 2. Main effects and interaction for comparison of geodesic distances between one-handers and controls for the tongue.***