| **Within Subjects Effects** | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Cases** | | **Sum of Squares** | | **df** | | **Mean Square** | | **F** | | **p** | | **η²p** | |
| Hemisphere |  | 5.57 |  | 1 |  | 5.57 |  | 0.312 |  | 0.579 |  | 0.008 |  |
| Hemisphere ✻ group |  | 77.67 |  | 1 |  | 77.67 |  | 4.352 |  | 0.043 |  | 0.098 |  |
| Hemisphere ✻ brainVol |  | 1.43 |  | 1 |  | 1.43 |  | 0.080 |  | 0.778 |  | 0.002 |  |
| Residuals |  | 713.93 |  | 40 |  | 17.85 |  |  |  |  |  |  |  |
|  | | | | | | | | | | | | | |
| | **Between Subjects Effects** | | | | | | | | | | | | | | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Cases** | | **Sum of Squares** | | **df** | | **Mean Square** | | **F** | | **p** | | **η²p** | | | Group |  | 3.78 |  | 1 |  | 3.78 |  | 0.084 |  | 0.774 |  | 0.002 |  | | BrainVol |  | 483.27 |  | 1 |  | 483.27 |  | 10.737 |  | 0.002 |  | 0.212 |  | | Residuals |  | 1800.44 |  | 40 |  | 45.01 |  |  |  |  |  |  |  | |  | | | | | | | | | | | | | | | *Note.*  Type III Sum of Squares | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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