**Repeated Measures ANOVA: Positive Susceptibility.**

| **Within Subjects Effects** | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Cases** | | **Sum of Squares** | | **df** | | **Mean Square** | | **F** | | **p** | | **η²p** | |
| Curvature |  | 0.001 | ᵃ | 2 | ᵃ | 7.352×10-4 | ᵃ | 522.260 | ᵃ | < .001 | ᵃ | 0.926 |  |
| Curvature ✻ Diagnosis |  | 1.494×10-5 | ᵃ | 2 | ᵃ | 7.469×10-6 | ᵃ | 5.306 | ᵃ | 0.007 | ᵃ | 0.112 |  |
| Residuals |  | 1.183×10-4 |  | 84 |  | 1.408×10-6 |  |  |  |  |  |  |  |
| Hemisphere |  | 1.283×10-4 |  | 1 |  | 1.283×10-4 |  | 44.112 |  | < .001 |  | 0.512 |  |
| Hemisphere ✻ Diagnosis |  | 1.474×10-7 |  | 1 |  | 1.474×10-7 |  | 0.051 |  | 0.823 |  | 0.001 |  |
| Residuals |  | 1.222×10-4 |  | 42 |  | 2.908×10-6 |  |  |  |  |  |  |  |
| Curvature ✻ Hemisphere |  | 5.100×10-5 | ᵃ | 2 | ᵃ | 2.550×10-5 | ᵃ | 52.663 | ᵃ | < .001 | ᵃ | 0.556 |  |
| Curvature ✻ Hemisphere ✻ Diagnosis |  | 1.437×10-6 | ᵃ | 2 | ᵃ | 7.186×10-7 | ᵃ | 1.484 | ᵃ | 0.233 | ᵃ | 0.034 |  |
| Residuals |  | 4.067×10-5 |  | 84 |  | 4.842×10-7 |  |  |  |  |  |  |  |
| *Note.*  Type III Sum of Squares | | | | | | | | | | | | | |
| ᵃ Mauchly's test of sphericity indicates that the assumption of sphericity is violated (p < .05). | | | | | | | | | | | | | |

| **Between Subjects Effects** | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Cases** | | **Sum of Squares** | | **df** | | **Mean Square** | | **F** | | **p** | | **η²p** | |
| Diagnosis |  | 8.727×10-5 |  | 1 |  | 8.727×10-5 |  | 5.728 |  | 0.021 |  | 0.120 |  |
| Residuals |  | 6.399×10-4 |  | 42 |  | 1.524×10-5 |  |  |  |  |  |  |  |
| *Note.*  Type III Sum of Squares | | | | | | | | | | | | | |

**Post Hoc Tests**

| **Post Hoc Comparisons - Curvature** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | | **Mean Difference** | | **SE** | | **t** | | **pholm** | |
| Crown |  | Bank |  | 0.004 |  | 1.789×10-4 |  | 21.913 |  | < .001 |  |
|  |  | Fundus |  | 0.006 |  | 1.789×10-4 |  | 31.530 |  | < .001 |  |
| Bank |  | Fundus |  | 0.002 |  | 1.789×10-4 |  | 9.616 |  | < .001 |  |
| *Note.*  P-value adjusted for comparing a family of 3 | | | | | | | | | | | |
| *Note.*  Results are averaged over the levels of: Diagnosis, Hemisphere | | | | | | | | | | | |

| **Post Hoc Comparisons - Hemisphere** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | | **Mean Difference** | | **SE** | | **t** | | **pholm** | |
| Right |  | Left |  | 0.001 |  | 2.099×10-4 |  | 6.642 |  | < .001 |  |
| *Note.*  Results are averaged over the levels of: Diagnosis, Curvature | | | | | | | | | | | |

| **Post Hoc Comparisons - Curvature ✻ Hemisphere** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | | **Mean Difference** | | **SE** | | **t** | | **pholm** | |
| Crown, Right |  | Bank, Right |  | 0.005 |  | 2.074×10-4 |  | 22.427 |  | < .001 |  |
|  |  | Fundus, Right |  | 0.007 |  | 2.074×10-4 |  | 32.261 |  | < .001 |  |
|  |  | Crown, Left |  | 0.003 |  | 2.424×10-4 |  | 10.651 |  | < .001 |  |
|  |  | Bank, Left |  | 0.006 |  | 2.824×10-4 |  | 20.435 |  | < .001 |  |
|  |  | Fundus, Left |  | 0.007 |  | 2.824×10-4 |  | 25.397 |  | < .001 |  |
| Bank, Right |  | Fundus, Right |  | 0.002 |  | 2.074×10-4 |  | 9.834 |  | < .001 |  |
|  |  | Crown, Left |  | -0.002 |  | 2.824×10-4 |  | -7.327 |  | < .001 |  |
|  |  | Bank, Left |  | 0.001 |  | 2.424×10-4 |  | 4.620 |  | < .001 |  |
|  |  | Fundus, Left |  | 0.003 |  | 2.824×10-4 |  | 8.927 |  | < .001 |  |
| Fundus, Right |  | Crown, Left |  | -0.004 |  | 2.824×10-4 |  | -14.549 |  | < .001 |  |
|  |  | Bank, Left |  | -9.195×10-4 |  | 2.824×10-4 |  | -3.256 |  | 0.003 |  |
|  |  | Fundus, Left |  | 4.815×10-4 |  | 2.424×10-4 |  | 1.987 |  | 0.051 |  |
| Crown, Left |  | Bank, Left |  | 0.003 |  | 2.074×10-4 |  | 15.378 |  | < .001 |  |
|  |  | Fundus, Left |  | 0.005 |  | 2.074×10-4 |  | 22.134 |  | < .001 |  |
| Bank, Left |  | Fundus, Left |  | 0.001 |  | 2.074×10-4 |  | 6.756 |  | < .001 |  |
| *Note.*  P-value adjusted for comparing a family of 15 | | | | | | | | | | | |
| *Note.*  Results are averaged over the levels of: Diagnosis | | | | | | | | | | | |

| **Post Hoc Comparisons - Diagnosis** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | | **Mean Difference** | | **SE** | | **t** | | **pholm** | |
| AD |  | Control |  | 0.001 |  | 4.805×10-4 |  | 2.393 |  | 0.021 |  |
| *Note.*  Results are averaged over the levels of: Curvature, Hemisphere | | | | | | | | | | | |

| **Post Hoc Comparisons - Diagnosis ✻ Curvature** | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | | **Mean Difference** | | **SE** | | **t** | **pholm** | |
| AD, Crown |  | Control, Crown |  | 0.002 |  | 5.230×10-4 |  | 3.483 |  | 0.004 |  |
|  |  | AD, Bank |  | 0.004 |  | 2.530×10-4 |  | 17.411 |  | < .001 |  |
|  |  | Control, Bank |  | 0.005 |  | 5.230×10-4 |  | 10.050 |  | < .001 |  |
|  |  | AD, Fundus |  | 0.006 |  | 2.530×10-4 |  | 24.360 |  | < .001 |  |
|  |  | Control, Fundus |  | 0.007 |  | 5.230×10-4 |  | 13.268 |  | < .001 |  |
| Control, Crown |  | AD, Bank |  | 0.003 |  | 5.230×10-4 |  | 4.939 |  | < .001 |  |
|  |  | Control, Bank |  | 0.003 |  | 2.530×10-4 |  | 13.579 |  | < .001 |  |
|  |  | AD, Fundus |  | 0.004 |  | 5.230×10-4 |  | 8.300 |  | < .001 |  |
|  |  | Control, Fundus |  | 0.005 |  | 2.530×10-4 |  | 20.230 |  | < .001 |  |
| AD, Bank |  | Control, Bank |  | 8.518×10-4 |  | 5.230×10-4 |  | 1.629 |  | 0.266 |  |
|  |  | AD, Fundus |  | 0.002 |  | 2.530×10-4 |  | 6.948 |  | < .001 |  |
|  |  | Control, Fundus |  | 0.003 |  | 5.230×10-4 |  | 4.846 |  | < .001 |  |
| Control, Bank |  | AD, Fundus |  | 9.059×10-4 |  | 5.230×10-4 |  | 1.732 |  | 0.266 |  |
|  |  | Control, Fundus |  | 0.002 |  | 2.530×10-4 |  | 6.651 |  | < .001 |  |
| AD, Fundus |  | Control, Fundus |  | 7.766×10-4 |  | 5.230×10-4 |  | 1.485 |  | 0.266 |  |

**Repeated Measures ANOVA: Negative Susceptibility.**

| **Within Subjects Effects** | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Cases** | | **Sum of Squares** | | **df** | | **Mean Square** | | **F** | | **p** | | **η²p** | |
| Curvature |  | 0.001 | ᵃ | 2 | ᵃ | 5.288×10-4 | ᵃ | 435.814 | ᵃ | < .001 | ᵃ | 0.912 |  |
| Curvature ✻ Diagnosis |  | 4.171×10-6 | ᵃ | 2 | ᵃ | 2.085×10-6 | ᵃ | 1.719 | ᵃ | 0.186 | ᵃ | 0.039 |  |
| Residuals |  | 1.019×10-4 |  | 84 |  | 1.213×10-6 |  |  |  |  |  |  |  |
| Hemisphere |  | 6.286×10-5 |  | 1 |  | 6.286×10-5 |  | 21.002 |  | < .001 |  | 0.333 |  |
| Hemisphere ✻ Diagnosis |  | 9.718×10-7 |  | 1 |  | 9.718×10-7 |  | 0.325 |  | 0.572 |  | 0.008 |  |
| Residuals |  | 1.257×10-4 |  | 42 |  | 2.993×10-6 |  |  |  |  |  |  |  |
| Curvature ✻ Hemisphere |  | 2.964×10-5 | ᵃ | 2 | ᵃ | 1.482×10-5 | ᵃ | 18.484 | ᵃ | < .001 | ᵃ | 0.306 |  |
| Curvature ✻ Hemisphere ✻ Diagnosis |  | 8.226×10-7 | ᵃ | 2 | ᵃ | 4.113×10-7 | ᵃ | 0.513 | ᵃ | 0.601 | ᵃ | 0.012 |  |
| Residuals |  | 6.735×10-5 |  | 84 |  | 8.017×10-7 |  |  |  |  |  |  |  |
| *Note.*  Type III Sum of Squares | | | | | | | | | | | | | |
| ᵃ Mauchly's test of sphericity indicates that the assumption of sphericity is violated (p < .05). | | | | | | | | | | | | | |

| **Between Subjects Effects** | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Cases** | | **Sum of Squares** | | **df** | | **Mean Square** | | **F** | | **p** | | **η²p** | |
| Diagnosis |  | 8.553×10-5 |  | 1 |  | 8.553×10-5 |  | 6.718 |  | 0.013 |  | 0.138 |  |
| Residuals |  | 5.347×10-4 |  | 42 |  | 1.273×10-5 |  |  |  |  |  |  |  |
| *Note.*  Type III Sum of Squares | | | | | | | | | | | | | |

**Post Hoc Tests**

| **Post Hoc Comparisons - Curvature** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | | **Mean Difference** | | **SE** | | **t** | | **pholm** | |
| Crown |  | Bank |  | -0.003 |  | 1.661×10-4 |  | -16.039 |  | < .001 |  |
|  |  | Fundus |  | -0.005 |  | 1.661×10-4 |  | -29.485 |  | < .001 |  |
| Bank |  | Fundus |  | -0.002 |  | 1.661×10-4 |  | -13.447 |  | < .001 |  |
| *Note.*  P-value adjusted for comparing a family of 3 | | | | | | | | | | | |
| *Note.*  Results are averaged over the levels of: Diagnosis, Hemisphere | | | | | | | | | | | |

| **Post Hoc Comparisons - Hemisphere** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | | **Mean Difference** | | **SE** | | **t** | | **pholm** | |
| Right |  | Left |  | -9.760×10-4 |  | 2.130×10-4 |  | -4.583 |  | < .001 |  |
| *Note.*  Results are averaged over the levels of: Diagnosis, Curvature | | | | | | | | | | | |

| **Post Hoc Comparisons - Curvature ✻ Hemisphere** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | | **Mean Difference** | | **SE** | | **t** | | **pholm** | |
| Crown, Right |  | Bank, Right |  | -0.003 |  | 2.140×10-4 |  | -16.195 |  | < .001 |  |
|  |  | Fundus, Right |  | -0.005 |  | 2.140×10-4 |  | -25.453 |  | < .001 |  |
|  |  | Crown, Left |  | -0.002 |  | 2.639×10-4 |  | -7.116 |  | < .001 |  |
|  |  | Bank, Left |  | -0.004 |  | 2.811×10-4 |  | -13.303 |  | < .001 |  |
|  |  | Fundus, Left |  | -0.006 |  | 2.811×10-4 |  | -22.142 |  | < .001 |  |
| Bank, Right |  | Fundus, Right |  | -0.002 |  | 2.140×10-4 |  | -9.258 |  | < .001 |  |
|  |  | Crown, Left |  | 0.002 |  | 2.811×10-4 |  | 5.649 |  | < .001 |  |
|  |  | Bank, Left |  | -2.733×10-4 |  | 2.639×10-4 |  | -1.035 |  | 0.303 |  |
|  |  | Fundus, Left |  | -0.003 |  | 2.811×10-4 |  | -9.812 |  | < .001 |  |
| Fundus, Right |  | Crown, Left |  | 0.004 |  | 2.811×10-4 |  | 12.698 |  | < .001 |  |
|  |  | Bank, Left |  | 0.002 |  | 2.811×10-4 |  | 6.077 |  | < .001 |  |
|  |  | Fundus, Left |  | -7.766×10-4 |  | 2.639×10-4 |  | -2.943 |  | 0.008 |  |
| Crown, Left |  | Bank, Left |  | -0.002 |  | 2.140×10-4 |  | -8.696 |  | < .001 |  |
|  |  | Fundus, Left |  | -0.004 |  | 2.140×10-4 |  | -20.306 |  | < .001 |  |
| Bank, Left |  | Fundus, Left |  | -0.002 |  | 2.140×10-4 |  | -11.610 |  | < .001 |  |
| *Note.*  P-value adjusted for comparing a family of 15 | | | | | | | | | | | |
| *Note.*  Results are averaged over the levels of: Diagnosis | | | | | | | | | | | |

| **Post Hoc Comparisons - Diagnosis** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | | **Mean Difference** | | **SE** | | **t** | | **pholm** | |
| AD |  | Control |  | -0.001 |  | 4.392×10-4 |  | -2.592 |  | 0.013 |  |
| *Note.*  Results are averaged over the levels of: Curvature, Hemisphere | | | | | | | | | | | |