**Results**

**Repeated Measures ANOVA**

| **Within Subjects Effects** | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Sphericity Correction** | | **Sum of Squares** | | **df** | | **Mean Square** | | **F** | | **p** | | **η²** | | **ω²** | |
| ROI |  | Greenhouse-Geisser |  | 0.289 | ᵃ | 4.495 | ᵃ | 0.064 | ᵃ | 39.395 | ᵃ | < .001 | ᵃ | 0.576 |  | 0.314 |  |
| Residual |  | Greenhouse-Geisser |  | 0.213 |  | 130.360 |  | 0.002 |  |  |  |  |  |  |  |  |  |
| CLASS |  | Greenhouse-Geisser |  | 0.034 |  | 1.000 |  | 0.034 |  | 7.801 |  | 0.009 |  | 0.212 |  | 0.054 |  |
| Residual |  | Greenhouse-Geisser |  | 0.127 |  | 29.000 |  | 0.004 |  |  |  |  |  |  |  |  |  |
| ROI ✻ CLASS |  | Greenhouse-Geisser |  | 0.037 | ᵃ | 5.699 | ᵃ | 0.006 | ᵃ | 7.640 | ᵃ | < .001 | ᵃ | 0.209 |  | 0.056 |  |
| Residual |  | Greenhouse-Geisser |  | 0.140 |  | 165.285 |  | 8.490e -4 |  |  |  |  |  |  |  |  |  |
|  | | | | | | | | | | | | | | | | | |
| *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** | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Sum of Squares** | | **df** | | **Mean Square** | | **F** | | **p** | | **η²** | | **ω²** | |
| Residual |  | 0.381 |  | 29 |  | 0.013 |  |  |  |  |  |  |  |  |  |
|  | | | | | | | | | | | | | | | |
| *Note.*  Type III Sum of Squares | | | | | | | | | | | | | | | |

**Post Hoc Tests**

| **Post Hoc Comparisons - ROI** | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | | **Mean Difference** | | **SE** | | **t** | | **Cohen's d** | | **p bonf** | | **p holm** | |
| LITG |  | IFG |  | 0.024 |  | 0.005 |  | 4.566 |  | 0.834 |  | 0.003 |  | 0.001 |  |
|  |  | PREC |  | 0.021 |  | 0.004 |  | 4.656 |  | 0.850 |  | 0.002 |  | 0.001 |  |
|  |  | ATL |  | 0.067 |  | 0.007 |  | 10.026 |  | 1.830 |  | < .001 |  | < .001 |  |
|  |  | APFC |  | 0.034 |  | 0.005 |  | 6.942 |  | 1.267 |  | < .001 |  | < .001 |  |
|  |  | AI |  | 0.038 |  | 0.006 |  | 6.261 |  | 1.143 |  | < .001 |  | < .001 |  |
|  |  | ACC |  | 0.023 |  | 0.005 |  | 4.382 |  | 0.800 |  | 0.005 |  | 0.002 |  |
|  |  | PCC |  | 0.051 |  | 0.007 |  | 7.225 |  | 1.319 |  | < .001 |  | < .001 |  |
|  |  | V1 |  | 0.079 |  | 0.007 |  | 11.121 |  | 2.030 |  | < .001 |  | < .001 |  |
| IFG |  | PREC |  | -0.003 |  | 0.005 |  | -0.552 |  | -0.101 |  | 1.000 |  | 1.000 |  |
|  |  | ATL |  | 0.043 |  | 0.006 |  | 7.385 |  | 1.348 |  | < .001 |  | < .001 |  |
|  |  | APFC |  | 0.011 |  | 0.005 |  | 2.312 |  | 0.422 |  | 1.000 |  | 0.140 |  |
|  |  | AI |  | 0.014 |  | 0.004 |  | 3.629 |  | 0.663 |  | 0.039 |  | 0.015 |  |
|  |  | ACC |  | -5.547e -4 |  | 0.005 |  | -0.111 |  | -0.020 |  | 1.000 |  | 1.000 |  |
|  |  | PCC |  | 0.027 |  | 0.005 |  | 4.977 |  | 0.909 |  | < .001 |  | < .001 |  |
|  |  | V1 |  | 0.055 |  | 0.005 |  | 10.227 |  | 1.867 |  | < .001 |  | < .001 |  |
| PREC |  | ATL |  | 0.046 |  | 0.006 |  | 7.846 |  | 1.433 |  | < .001 |  | < .001 |  |
|  |  | APFC |  | 0.013 |  | 0.005 |  | 2.714 |  | 0.495 |  | 0.399 |  | 0.111 |  |
|  |  | AI |  | 0.017 |  | 0.005 |  | 3.465 |  | 0.633 |  | 0.060 |  | 0.022 |  |
|  |  | ACC |  | 0.002 |  | 0.004 |  | 0.523 |  | 0.096 |  | 1.000 |  | 1.000 |  |
|  |  | PCC |  | 0.030 |  | 0.005 |  | 5.844 |  | 1.067 |  | < .001 |  | < .001 |  |
|  |  | V1 |  | 0.058 |  | 0.006 |  | 9.978 |  | 1.822 |  | < .001 |  | < .001 |  |
| ATL |  | APFC |  | -0.032 |  | 0.006 |  | -4.966 |  | -0.907 |  | 0.001 |  | < .001 |  |
|  |  | AI |  | -0.029 |  | 0.005 |  | -5.578 |  | -1.018 |  | < .001 |  | < .001 |  |
|  |  | ACC |  | -0.044 |  | 0.006 |  | -7.058 |  | -1.289 |  | < .001 |  | < .001 |  |
|  |  | PCC |  | -0.016 |  | 0.006 |  | -2.860 |  | -0.522 |  | 0.280 |  | 0.085 |  |
|  |  | V1 |  | 0.012 |  | 0.005 |  | 2.577 |  | 0.470 |  | 0.552 |  | 0.138 |  |
| APFC |  | AI |  | 0.004 |  | 0.006 |  | 0.567 |  | 0.104 |  | 1.000 |  | 1.000 |  |
|  |  | ACC |  | -0.011 |  | 0.005 |  | -2.507 |  | -0.458 |  | 0.649 |  | 0.138 |  |
|  |  | PCC |  | 0.016 |  | 0.007 |  | 2.439 |  | 0.445 |  | 0.759 |  | 0.138 |  |
|  |  | V1 |  | 0.044 |  | 0.007 |  | 5.992 |  | 1.094 |  | < .001 |  | < .001 |  |
| AI |  | ACC |  | -0.015 |  | 0.006 |  | -2.559 |  | -0.467 |  | 0.575 |  | 0.138 |  |
|  |  | PCC |  | 0.013 |  | 0.004 |  | 2.990 |  | 0.546 |  | 0.203 |  | 0.068 |  |
|  |  | V1 |  | 0.041 |  | 0.003 |  | 12.311 |  | 2.248 |  | < .001 |  | < .001 |  |
| ACC |  | PCC |  | 0.028 |  | 0.005 |  | 5.050 |  | 0.922 |  | < .001 |  | < .001 |  |
|  |  | V1 |  | 0.056 |  | 0.007 |  | 8.551 |  | 1.561 |  | < .001 |  | < .001 |  |
| PCC |  | V1 |  | 0.028 |  | 0.005 |  | 5.461 |  | 0.997 |  | < .001 |  | < .001 |  |
|  | | | | | | | | | | | | | | | |
| *Note.*  Cohen's d does not correct for multiple comparisons. | | | | | | | | | | | | | | | |

| **Post Hoc Comparisons - CLASS** | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | | **Mean Difference** | | **SE** | | **t** | | **Cohen's d** | | **p bonf** | | **p holm** | |
| Affect |  | Likableness |  | -0.016 |  | 0.006 |  | -2.793 |  | -0.510 |  | 0.009 |  | 0.009 |  |
|  | | | | | | | | | | | | | | | |
| *Note.*  Cohen's d does not correct for multiple comparisons. | | | | | | | | | | | | | | | |

**Descriptives**

| **Descriptives** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ROI** | | **CLASS** | | **Mean** | | **SD** | | **N** | |
| LITG |  | Affect |  | 0.653 |  | 0.038 |  | 30 |  |
|  |  | Likableness |  | 0.682 |  | 0.065 |  | 30 |  |
| IFG |  | Affect |  | 0.637 |  | 0.034 |  | 30 |  |
|  |  | Likableness |  | 0.651 |  | 0.048 |  | 30 |  |
| PREC |  | Affect |  | 0.634 |  | 0.028 |  | 30 |  |
|  |  | Likableness |  | 0.659 |  | 0.049 |  | 30 |  |
| ATL |  | Affect |  | 0.594 |  | 0.025 |  | 30 |  |
|  |  | Likableness |  | 0.608 |  | 0.047 |  | 30 |  |
| APFC |  | Affect |  | 0.621 |  | 0.037 |  | 30 |  |
|  |  | Likableness |  | 0.645 |  | 0.062 |  | 30 |  |
| AI |  | Affect |  | 0.628 |  | 0.024 |  | 30 |  |
|  |  | Likableness |  | 0.631 |  | 0.029 |  | 30 |  |
| ACC |  | Affect |  | 0.623 |  | 0.034 |  | 30 |  |
|  |  | Likableness |  | 0.666 |  | 0.058 |  | 30 |  |
| PCC |  | Affect |  | 0.612 |  | 0.027 |  | 30 |  |
|  |  | Likableness |  | 0.622 |  | 0.035 |  | 30 |  |
| V1 |  | Affect |  | 0.598 |  | 0.024 |  | 30 |  |
|  |  | Likableness |  | 0.580 |  | 0.028 |  | 30 |  |
|  | | | | | | | | | |

**Descriptives Plot**

