**Repeated Measures ANOVA**

| **Within Subjects Effects** | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Sphericity Correction** | | **Sum of Squares** | | **df** | | **Mean Square** | | **F** | | **p** | | **η² p** | | **ω²** | |
| ROI |  | Greenhouse-Geisser |  | 0.117 | ᵃ | 4.775 | ᵃ | 0.024 | ᵃ | 23.663 | ᵃ | < .001 | ᵃ | 0.449 |  | 0.189 |  |
| Residual |  | Greenhouse-Geisser |  | 0.143 |  | 138.467 |  | 0.001 |  |  |  |  |  |  |  |  |  |
| Condition |  | Greenhouse-Geisser |  | 0.175 |  | 1.000 |  | 0.175 |  | 25.229 |  | < .001 |  | 0.465 |  | 0.237 |  |
| Residual |  | Greenhouse-Geisser |  | 0.202 |  | 29.000 |  | 0.007 |  |  |  |  |  |  |  |  |  |
| ROI ✻ Condition |  | Greenhouse-Geisser |  | 0.068 |  | 5.521 |  | 0.012 |  | 13.520 |  | < .001 |  | 0.318 |  | 0.115 |  |
| Residual |  | Greenhouse-Geisser |  | 0.145 |  | 160.113 |  | 9.069e -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 p** | | **ω²** | |
| Residual |  | 0.322 |  | 29 |  | 0.011 |  |  |  |  |  |  |  |  |  |
|  | | | | | | | | | | | | | | | |
| *Note.*  Type III Sum of Squares | | | | | | | | | | | | | | | |

**Post Hoc Tests**

| **Post Hoc Comparisons - ROI ✻ Condition** | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | **95% CI of Mean Difference** | | | |  | | | | | | | |
|  | |  | | **Mean Difference** | | **Lower** | | **Upper** | | **SE** | | **t** | | **Cohen's d** | | **p bonf** | |
| ACC,Chance |  | ACC,Estimate |  | -0.066 |  | -0.101 |  | -0.031 |  | 0.009 |  | -7.006 |  | -1.279 |  | < .001 |  |
|  |  | ATL,Chance |  | 0.006 |  | -0.017 |  | 0.030 |  | 0.006 |  | 0.964 |  | 0.176 |  | 1.000 |  |
|  |  | ATL,Estimate |  | -0.013 |  | -0.048 |  | 0.022 |  | 0.009 |  | -1.404 |  | -0.256 |  | 1.000 |  |
|  |  | IFG,Chance |  | 0.003 |  | -0.020 |  | 0.027 |  | 0.006 |  | 0.539 |  | 0.098 |  | 1.000 |  |
|  |  | IFG,Estimate |  | -0.040 |  | -0.075 |  | -0.004 |  | 0.009 |  | -4.213 |  | -0.769 |  | 0.010 |  |
|  |  | Ins,Chance |  | -0.005 |  | -0.029 |  | 0.018 |  | 0.006 |  | -0.832 |  | -0.152 |  | 1.000 |  |
|  |  | Ins,Estimate |  | -0.021 |  | -0.056 |  | 0.014 |  | 0.009 |  | -2.250 |  | -0.411 |  | 1.000 |  |
|  |  | LTL,Chance |  | -0.005 |  | -0.029 |  | 0.018 |  | 0.006 |  | -0.850 |  | -0.155 |  | 1.000 |  |
|  |  | LTL,Estimate |  | -0.069 |  | -0.104 |  | -0.033 |  | 0.009 |  | -7.304 |  | -1.333 |  | < .001 |  |
|  |  | PCC,Chance |  | 0.010 |  | -0.013 |  | 0.034 |  | 0.006 |  | 1.608 |  | 0.294 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.023 |  | -0.059 |  | 0.012 |  | 0.009 |  | -2.498 |  | -0.456 |  | 1.000 |  |
|  |  | Prec,Chance |  | -3.238e -4 |  | -0.024 |  | 0.023 |  | 0.006 |  | -0.050 |  | -0.009 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.054 |  | -0.089 |  | -0.018 |  | 0.009 |  | -5.706 |  | -1.042 |  | < .001 |  |
|  |  | V1,Chance |  | 0.009 |  | -0.014 |  | 0.032 |  | 0.006 |  | 1.415 |  | 0.258 |  | 1.000 |  |
|  |  | V1,Estimate |  | 0.016 |  | -0.019 |  | 0.051 |  | 0.009 |  | 1.702 |  | 0.311 |  | 1.000 |  |
|  |  | aPFC,Chance |  | -0.002 |  | -0.026 |  | 0.021 |  | 0.006 |  | -0.349 |  | -0.064 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.039 |  | -0.074 |  | -0.004 |  | 0.009 |  | -4.165 |  | -0.760 |  | 0.012 |  |
| ACC,Estimate |  | ATL,Chance |  | 0.072 |  | 0.037 |  | 0.107 |  | 0.009 |  | 7.679 |  | 1.402 |  | < .001 |  |
|  |  | ATL,Estimate |  | 0.053 |  | 0.029 |  | 0.076 |  | 0.006 |  | 8.198 |  | 1.497 |  | < .001 |  |
|  |  | IFG,Chance |  | 0.069 |  | 0.034 |  | 0.105 |  | 0.009 |  | 7.388 |  | 1.349 |  | < .001 |  |
|  |  | IFG,Estimate |  | 0.026 |  | 0.003 |  | 0.050 |  | 0.006 |  | 4.096 |  | 0.748 |  | 0.008 |  |
|  |  | Ins,Chance |  | 0.061 |  | 0.025 |  | 0.096 |  | 0.009 |  | 6.449 |  | 1.177 |  | < .001 |  |
|  |  | Ins,Estimate |  | 0.045 |  | 0.022 |  | 0.068 |  | 0.006 |  | 6.964 |  | 1.271 |  | < .001 |  |
|  |  | LTL,Chance |  | 0.060 |  | 0.025 |  | 0.096 |  | 0.009 |  | 6.436 |  | 1.175 |  | < .001 |  |
|  |  | LTL,Estimate |  | -0.003 |  | -0.026 |  | 0.021 |  | 0.006 |  | -0.416 |  | -0.076 |  | 1.000 |  |
|  |  | PCC,Chance |  | 0.076 |  | 0.041 |  | 0.112 |  | 0.009 |  | 8.120 |  | 1.483 |  | < .001 |  |
|  |  | PCC,Estimate |  | 0.042 |  | 0.019 |  | 0.066 |  | 0.006 |  | 6.600 |  | 1.205 |  | < .001 |  |
|  |  | Prec,Chance |  | 0.066 |  | 0.030 |  | 0.101 |  | 0.009 |  | 6.984 |  | 1.275 |  | < .001 |  |
|  |  | Prec,Estimate |  | 0.012 |  | -0.011 |  | 0.036 |  | 0.006 |  | 1.916 |  | 0.350 |  | 1.000 |  |
|  |  | V1,Chance |  | 0.075 |  | 0.040 |  | 0.110 |  | 0.009 |  | 7.987 |  | 1.458 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.082 |  | 0.059 |  | 0.105 |  | 0.006 |  | 12.733 |  | 2.325 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.064 |  | 0.028 |  | 0.099 |  | 0.009 |  | 6.779 |  | 1.238 |  | < .001 |  |
|  |  | aPFC,Estimate |  | 0.027 |  | 0.004 |  | 0.050 |  | 0.006 |  | 4.166 |  | 0.761 |  | 0.006 |  |
| ATL,Chance |  | ATL,Estimate |  | -0.019 |  | -0.055 |  | 0.016 |  | 0.009 |  | -2.061 |  | -0.376 |  | 1.000 |  |
|  |  | IFG,Chance |  | -0.003 |  | -0.026 |  | 0.021 |  | 0.006 |  | -0.425 |  | -0.078 |  | 1.000 |  |
|  |  | IFG,Estimate |  | -0.046 |  | -0.081 |  | -0.011 |  | 0.009 |  | -4.873 |  | -0.890 |  | < .001 |  |
|  |  | Ins,Chance |  | -0.012 |  | -0.035 |  | 0.012 |  | 0.006 |  | -1.796 |  | -0.328 |  | 1.000 |  |
|  |  | Ins,Estimate |  | -0.027 |  | -0.063 |  | 0.008 |  | 0.009 |  | -2.910 |  | -0.531 |  | 0.711 |  |
|  |  | LTL,Chance |  | -0.012 |  | -0.035 |  | 0.012 |  | 0.006 |  | -1.814 |  | -0.331 |  | 1.000 |  |
|  |  | LTL,Estimate |  | -0.075 |  | -0.110 |  | -0.040 |  | 0.009 |  | -7.964 |  | -1.454 |  | < .001 |  |
|  |  | PCC,Chance |  | 0.004 |  | -0.019 |  | 0.027 |  | 0.006 |  | 0.645 |  | 0.118 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.030 |  | -0.065 |  | 0.006 |  | 0.009 |  | -3.158 |  | -0.577 |  | 0.339 |  |
|  |  | Prec,Chance |  | -0.007 |  | -0.030 |  | 0.017 |  | 0.006 |  | -1.014 |  | -0.185 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.060 |  | -0.095 |  | -0.025 |  | 0.009 |  | -6.366 |  | -1.162 |  | < .001 |  |
|  |  | V1,Chance |  | 0.003 |  | -0.020 |  | 0.026 |  | 0.006 |  | 0.451 |  | 0.082 |  | 1.000 |  |
|  |  | V1,Estimate |  | 0.010 |  | -0.025 |  | 0.045 |  | 0.009 |  | 1.042 |  | 0.190 |  | 1.000 |  |
|  |  | aPFC,Chance |  | -0.008 |  | -0.032 |  | 0.015 |  | 0.006 |  | -1.313 |  | -0.240 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.045 |  | -0.081 |  | -0.010 |  | 0.009 |  | -4.825 |  | -0.881 |  | < .001 |  |
| ATL,Estimate |  | IFG,Chance |  | 0.017 |  | -0.019 |  | 0.052 |  | 0.009 |  | 1.773 |  | 0.324 |  | 1.000 |  |
|  |  | IFG,Estimate |  | -0.026 |  | -0.050 |  | -0.003 |  | 0.006 |  | -4.102 |  | -0.749 |  | 0.007 |  |
|  |  | Ins,Chance |  | 0.008 |  | -0.027 |  | 0.043 |  | 0.009 |  | 0.834 |  | 0.152 |  | 1.000 |  |
|  |  | Ins,Estimate |  | -0.008 |  | -0.031 |  | 0.015 |  | 0.006 |  | -1.234 |  | -0.225 |  | 1.000 |  |
|  |  | LTL,Chance |  | 0.008 |  | -0.028 |  | 0.043 |  | 0.009 |  | 0.822 |  | 0.150 |  | 1.000 |  |
|  |  | LTL,Estimate |  | -0.055 |  | -0.079 |  | -0.032 |  | 0.006 |  | -8.614 |  | -1.573 |  | < .001 |  |
|  |  | PCC,Chance |  | 0.024 |  | -0.012 |  | 0.059 |  | 0.009 |  | 2.506 |  | 0.457 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.010 |  | -0.034 |  | 0.013 |  | 0.006 |  | -1.598 |  | -0.292 |  | 1.000 |  |
|  |  | Prec,Chance |  | 0.013 |  | -0.022 |  | 0.048 |  | 0.009 |  | 1.370 |  | 0.250 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.040 |  | -0.064 |  | -0.017 |  | 0.006 |  | -6.282 |  | -1.147 |  | < .001 |  |
|  |  | V1,Chance |  | 0.022 |  | -0.013 |  | 0.058 |  | 0.009 |  | 2.373 |  | 0.433 |  | 1.000 |  |
|  |  | V1,Estimate |  | 0.029 |  | 0.006 |  | 0.052 |  | 0.006 |  | 4.535 |  | 0.828 |  | 0.001 |  |
|  |  | aPFC,Chance |  | 0.011 |  | -0.024 |  | 0.046 |  | 0.009 |  | 1.165 |  | 0.213 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.026 |  | -0.049 |  | -0.003 |  | 0.006 |  | -4.032 |  | -0.736 |  | 0.010 |  |
| IFG,Chance |  | IFG,Estimate |  | -0.043 |  | -0.078 |  | -0.008 |  | 0.009 |  | -4.574 |  | -0.835 |  | 0.003 |  |
|  |  | Ins,Chance |  | -0.009 |  | -0.032 |  | 0.014 |  | 0.006 |  | -1.372 |  | -0.250 |  | 1.000 |  |
|  |  | Ins,Estimate |  | -0.025 |  | -0.060 |  | 0.011 |  | 0.009 |  | -2.619 |  | -0.478 |  | 1.000 |  |
|  |  | LTL,Chance |  | -0.009 |  | -0.032 |  | 0.014 |  | 0.006 |  | -1.389 |  | -0.254 |  | 1.000 |  |
|  |  | LTL,Estimate |  | -0.072 |  | -0.107 |  | -0.037 |  | 0.009 |  | -7.673 |  | -1.401 |  | < .001 |  |
|  |  | PCC,Chance |  | 0.007 |  | -0.016 |  | 0.030 |  | 0.006 |  | 1.069 |  | 0.195 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.027 |  | -0.062 |  | 0.008 |  | 0.009 |  | -2.867 |  | -0.524 |  | 0.803 |  |
|  |  | Prec,Chance |  | -0.004 |  | -0.027 |  | 0.020 |  | 0.006 |  | -0.589 |  | -0.108 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.057 |  | -0.092 |  | -0.022 |  | 0.009 |  | -6.076 |  | -1.109 |  | < .001 |  |
|  |  | V1,Chance |  | 0.006 |  | -0.018 |  | 0.029 |  | 0.006 |  | 0.876 |  | 0.160 |  | 1.000 |  |
|  |  | V1,Estimate |  | 0.013 |  | -0.023 |  | 0.048 |  | 0.009 |  | 1.333 |  | 0.243 |  | 1.000 |  |
|  |  | aPFC,Chance |  | -0.006 |  | -0.029 |  | 0.018 |  | 0.006 |  | -0.888 |  | -0.162 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.043 |  | -0.078 |  | -0.007 |  | 0.009 |  | -4.535 |  | -0.828 |  | 0.003 |  |
| IFG,Estimate |  | Ins,Chance |  | 0.034 |  | -0.001 |  | 0.069 |  | 0.009 |  | 3.643 |  | 0.665 |  | 0.072 |  |
|  |  | Ins,Estimate |  | 0.018 |  | -0.005 |  | 0.042 |  | 0.006 |  | 2.867 |  | 0.523 |  | 0.663 |  |
|  |  | LTL,Chance |  | 0.034 |  | -0.001 |  | 0.069 |  | 0.009 |  | 3.631 |  | 0.663 |  | 0.075 |  |
|  |  | LTL,Estimate |  | -0.029 |  | -0.052 |  | -0.006 |  | 0.006 |  | -4.513 |  | -0.824 |  | 0.001 |  |
|  |  | PCC,Chance |  | 0.050 |  | 0.015 |  | 0.085 |  | 0.009 |  | 5.315 |  | 0.970 |  | < .001 |  |
|  |  | PCC,Estimate |  | 0.016 |  | -0.007 |  | 0.039 |  | 0.006 |  | 2.504 |  | 0.457 |  | 1.000 |  |
|  |  | Prec,Chance |  | 0.039 |  | 0.004 |  | 0.075 |  | 0.009 |  | 4.179 |  | 0.763 |  | 0.011 |  |
|  |  | Prec,Estimate |  | -0.014 |  | -0.037 |  | 0.009 |  | 0.006 |  | -2.180 |  | -0.398 |  | 1.000 |  |
|  |  | V1,Chance |  | 0.049 |  | 0.013 |  | 0.084 |  | 0.009 |  | 5.182 |  | 0.946 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.056 |  | 0.032 |  | 0.079 |  | 0.006 |  | 8.637 |  | 1.577 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.037 |  | 0.002 |  | 0.073 |  | 0.009 |  | 3.974 |  | 0.726 |  | 0.023 |  |
|  |  | aPFC,Estimate |  | 4.484e -4 |  | -0.023 |  | 0.024 |  | 0.006 |  | 0.070 |  | 0.013 |  | 1.000 |  |
| Ins,Chance |  | Ins,Estimate |  | -0.016 |  | -0.051 |  | 0.020 |  | 0.009 |  | -1.676 |  | -0.306 |  | 1.000 |  |
|  |  | LTL,Chance |  | -1.133e -4 |  | -0.023 |  | 0.023 |  | 0.006 |  | -0.018 |  | -0.003 |  | 1.000 |  |
|  |  | LTL,Estimate |  | -0.063 |  | -0.099 |  | -0.028 |  | 0.009 |  | -6.734 |  | -1.229 |  | < .001 |  |
|  |  | PCC,Chance |  | 0.016 |  | -0.008 |  | 0.039 |  | 0.006 |  | 2.441 |  | 0.446 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.018 |  | -0.053 |  | 0.017 |  | 0.009 |  | -1.928 |  | -0.352 |  | 1.000 |  |
|  |  | Prec,Chance |  | 0.005 |  | -0.018 |  | 0.028 |  | 0.006 |  | 0.782 |  | 0.143 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.048 |  | -0.084 |  | -0.013 |  | 0.009 |  | -5.136 |  | -0.938 |  | < .001 |  |
|  |  | V1,Chance |  | 0.014 |  | -0.009 |  | 0.038 |  | 0.006 |  | 2.247 |  | 0.410 |  | 1.000 |  |
|  |  | V1,Estimate |  | 0.021 |  | -0.014 |  | 0.057 |  | 0.009 |  | 2.272 |  | 0.415 |  | 1.000 |  |
|  |  | aPFC,Chance |  | 0.003 |  | -0.020 |  | 0.026 |  | 0.006 |  | 0.483 |  | 0.088 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.034 |  | -0.069 |  | 0.001 |  | 0.009 |  | -3.595 |  | -0.656 |  | 0.084 |  |
| Ins,Estimate |  | LTL,Chance |  | 0.016 |  | -0.020 |  | 0.051 |  | 0.009 |  | 1.667 |  | 0.304 |  | 1.000 |  |
|  |  | LTL,Estimate |  | -0.047 |  | -0.071 |  | -0.024 |  | 0.006 |  | -7.380 |  | -1.347 |  | < .001 |  |
|  |  | PCC,Chance |  | 0.031 |  | -0.004 |  | 0.067 |  | 0.009 |  | 3.351 |  | 0.612 |  | 0.186 |  |
|  |  | PCC,Estimate |  | -0.002 |  | -0.026 |  | 0.021 |  | 0.006 |  | -0.363 |  | -0.066 |  | 1.000 |  |
|  |  | Prec,Chance |  | 0.021 |  | -0.014 |  | 0.056 |  | 0.009 |  | 2.215 |  | 0.404 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.032 |  | -0.056 |  | -0.009 |  | 0.006 |  | -5.048 |  | -0.922 |  | < .001 |  |
|  |  | V1,Chance |  | 0.030 |  | -0.005 |  | 0.065 |  | 0.009 |  | 3.218 |  | 0.588 |  | 0.282 |  |
|  |  | V1,Estimate |  | 0.037 |  | 0.014 |  | 0.060 |  | 0.006 |  | 5.770 |  | 1.053 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.019 |  | -0.016 |  | 0.054 |  | 0.009 |  | 2.010 |  | 0.367 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.018 |  | -0.041 |  | 0.005 |  | 0.006 |  | -2.797 |  | -0.511 |  | 0.821 |  |
| LTL,Chance |  | LTL,Estimate |  | -0.063 |  | -0.099 |  | -0.028 |  | 0.009 |  | -6.710 |  | -1.225 |  | < .001 |  |
|  |  | PCC,Chance |  | 0.016 |  | -0.007 |  | 0.039 |  | 0.006 |  | 2.459 |  | 0.449 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.018 |  | -0.053 |  | 0.017 |  | 0.009 |  | -1.916 |  | -0.350 |  | 1.000 |  |
|  |  | Prec,Chance |  | 0.005 |  | -0.018 |  | 0.028 |  | 0.006 |  | 0.800 |  | 0.146 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.048 |  | -0.083 |  | -0.013 |  | 0.009 |  | -5.124 |  | -0.936 |  | < .001 |  |
|  |  | V1,Chance |  | 0.015 |  | -0.009 |  | 0.038 |  | 0.006 |  | 2.265 |  | 0.413 |  | 1.000 |  |
|  |  | V1,Estimate |  | 0.021 |  | -0.014 |  | 0.057 |  | 0.009 |  | 2.284 |  | 0.417 |  | 1.000 |  |
|  |  | aPFC,Chance |  | 0.003 |  | -0.020 |  | 0.027 |  | 0.006 |  | 0.501 |  | 0.091 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.034 |  | -0.069 |  | 0.002 |  | 0.009 |  | -3.583 |  | -0.654 |  | 0.088 |  |
| LTL,Estimate |  | PCC,Chance |  | 0.079 |  | 0.044 |  | 0.114 |  | 0.009 |  | 8.405 |  | 1.535 |  | < .001 |  |
|  |  | PCC,Estimate |  | 0.045 |  | 0.022 |  | 0.068 |  | 0.006 |  | 7.017 |  | 1.281 |  | < .001 |  |
|  |  | Prec,Chance |  | 0.068 |  | 0.033 |  | 0.104 |  | 0.009 |  | 7.269 |  | 1.327 |  | < .001 |  |
|  |  | Prec,Estimate |  | 0.015 |  | -0.008 |  | 0.038 |  | 0.006 |  | 2.332 |  | 0.426 |  | 1.000 |  |
|  |  | V1,Chance |  | 0.078 |  | 0.042 |  | 0.113 |  | 0.009 |  | 8.273 |  | 1.510 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.085 |  | 0.061 |  | 0.108 |  | 0.006 |  | 13.150 |  | 2.401 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.066 |  | 0.031 |  | 0.102 |  | 0.009 |  | 7.064 |  | 1.290 |  | < .001 |  |
|  |  | aPFC,Estimate |  | 0.029 |  | 0.006 |  | 0.053 |  | 0.006 |  | 4.582 |  | 0.837 |  | < .001 |  |
| PCC,Chance |  | PCC,Estimate |  | -0.034 |  | -0.069 |  | 0.002 |  | 0.009 |  | -3.594 |  | -0.656 |  | 0.086 |  |
|  |  | Prec,Chance |  | -0.011 |  | -0.034 |  | 0.013 |  | 0.006 |  | -1.659 |  | -0.303 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.064 |  | -0.099 |  | -0.029 |  | 0.009 |  | -6.808 |  | -1.243 |  | < .001 |  |
|  |  | V1,Chance |  | -0.001 |  | -0.025 |  | 0.022 |  | 0.006 |  | -0.194 |  | -0.035 |  | 1.000 |  |
|  |  | V1,Estimate |  | 0.006 |  | -0.030 |  | 0.041 |  | 0.009 |  | 0.600 |  | 0.110 |  | 1.000 |  |
|  |  | aPFC,Chance |  | -0.013 |  | -0.036 |  | 0.011 |  | 0.006 |  | -1.958 |  | -0.357 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.049 |  | -0.085 |  | -0.014 |  | 0.009 |  | -5.267 |  | -0.962 |  | < .001 |  |
| PCC,Estimate |  | Prec,Chance |  | 0.023 |  | -0.012 |  | 0.058 |  | 0.009 |  | 2.464 |  | 0.450 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.030 |  | -0.053 |  | -0.007 |  | 0.006 |  | -4.684 |  | -0.855 |  | < .001 |  |
|  |  | V1,Chance |  | 0.033 |  | -0.003 |  | 0.068 |  | 0.009 |  | 3.467 |  | 0.633 |  | 0.128 |  |
|  |  | V1,Estimate |  | 0.039 |  | 0.016 |  | 0.063 |  | 0.006 |  | 6.133 |  | 1.120 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.021 |  | -0.014 |  | 0.056 |  | 0.009 |  | 2.259 |  | 0.412 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.016 |  | -0.039 |  | 0.008 |  | 0.006 |  | -2.434 |  | -0.444 |  | 1.000 |  |
| Prec,Chance |  | Prec,Estimate |  | -0.053 |  | -0.089 |  | -0.018 |  | 0.009 |  | -5.662 |  | -1.034 |  | < .001 |  |
|  |  | V1,Chance |  | 0.009 |  | -0.014 |  | 0.033 |  | 0.006 |  | 1.465 |  | 0.267 |  | 1.000 |  |
|  |  | V1,Estimate |  | 0.016 |  | -0.019 |  | 0.052 |  | 0.009 |  | 1.736 |  | 0.317 |  | 1.000 |  |
|  |  | aPFC,Chance |  | -0.002 |  | -0.025 |  | 0.021 |  | 0.006 |  | -0.299 |  | -0.055 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.039 |  | -0.074 |  | -0.004 |  | 0.009 |  | -4.131 |  | -0.754 |  | 0.013 |  |
| Prec,Estimate |  | V1,Chance |  | 0.063 |  | 0.027 |  | 0.098 |  | 0.009 |  | 6.675 |  | 1.219 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.070 |  | 0.046 |  | 0.093 |  | 0.006 |  | 10.817 |  | 1.975 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.051 |  | 0.016 |  | 0.087 |  | 0.009 |  | 5.467 |  | 0.998 |  | < .001 |  |
|  |  | aPFC,Estimate |  | 0.014 |  | -0.009 |  | 0.038 |  | 0.006 |  | 2.250 |  | 0.411 |  | 1.000 |  |
| V1,Chance |  | V1,Estimate |  | 0.007 |  | -0.028 |  | 0.042 |  | 0.009 |  | 0.732 |  | 0.134 |  | 1.000 |  |
|  |  | aPFC,Chance |  | -0.011 |  | -0.035 |  | 0.012 |  | 0.006 |  | -1.764 |  | -0.322 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.048 |  | -0.083 |  | -0.013 |  | 0.009 |  | -5.134 |  | -0.937 |  | < .001 |  |
| V1,Estimate |  | aPFC,Chance |  | -0.018 |  | -0.053 |  | 0.017 |  | 0.009 |  | -1.941 |  | -0.354 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.055 |  | -0.078 |  | -0.032 |  | 0.006 |  | -8.567 |  | -1.564 |  | < .001 |  |
| aPFC,Chance |  | aPFC,Estimate |  | -0.037 |  | -0.072 |  | -0.002 |  | 0.009 |  | -3.919 |  | -0.716 |  | 0.028 |  |
|  | | | | | | | | | | | | | | | | | |
| *Note.*  Cohen's d does not correct for multiple comparisons. | | | | | | | | | | | | | | | | | |
| *Note.*  Bonferroni adjusted confidence intervals. | | | | | | | | | | | | | | | | | |

**Descriptives**

| **Descriptives** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ROI** | | **Condition** | | **Mean** | | **SD** | | **N** | |
| LTL |  | Estimate |  | 0.606 |  | 0.057 |  | 30 |  |
|  |  | Chance |  | 0.543 |  | 0.030 |  | 30 |  |
| IFG |  | Estimate |  | 0.577 |  | 0.050 |  | 30 |  |
|  |  | Chance |  | 0.534 |  | 0.032 |  | 30 |  |
| Prec |  | Estimate |  | 0.591 |  | 0.047 |  | 30 |  |
|  |  | Chance |  | 0.538 |  | 0.030 |  | 30 |  |
| ATL |  | Estimate |  | 0.551 |  | 0.045 |  | 30 |  |
|  |  | Chance |  | 0.531 |  | 0.030 |  | 30 |  |
| aPFC |  | Estimate |  | 0.577 |  | 0.058 |  | 30 |  |
|  |  | Chance |  | 0.540 |  | 0.031 |  | 30 |  |
| Ins |  | Estimate |  | 0.559 |  | 0.032 |  | 30 |  |
|  |  | Chance |  | 0.543 |  | 0.028 |  | 30 |  |
| ACC |  | Estimate |  | 0.603 |  | 0.061 |  | 30 |  |
|  |  | Chance |  | 0.537 |  | 0.028 |  | 30 |  |
| PCC |  | Estimate |  | 0.561 |  | 0.036 |  | 30 |  |
|  |  | Chance |  | 0.527 |  | 0.027 |  | 30 |  |
| V1 |  | Estimate |  | 0.521 |  | 0.029 |  | 30 |  |
|  |  | Chance |  | 0.528 |  | 0.028 |  | 30 |  |
|  | | | | | | | | | |

**Descriptives Plot**

A close up of a device

Description automatically generated