**Results**

**Repeated Measures ANOVA**

| **Within Subjects Effects** | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Sphericity Correction** | | **Sum of Squares** | | **df** | | **Mean Square** | | **F** | | **p** | | **η² p** | | **ω²** | |
| ROI |  | Greenhouse-Geisser |  | 0.108 |  | 5.525 |  | 0.020 |  | 19.764 |  | < .001 |  | 0.405 |  | 0.190 |  |
| Residual |  | Greenhouse-Geisser |  | 0.158 |  | 160.232 |  | 9.868e -4 |  |  |  |  |  |  |  |  |  |
| Condition |  | Greenhouse-Geisser |  | 0.168 |  | 1.000 |  | 0.168 |  | 18.262 |  | < .001 |  | 0.386 |  | 0.224 |  |
| Residual |  | Greenhouse-Geisser |  | 0.266 |  | 29.000 |  | 0.009 |  |  |  |  |  |  |  |  |  |
| ROI ✻ Condition |  | Greenhouse-Geisser |  | 0.076 | ᵃ | 5.443 | ᵃ | 0.014 | ᵃ | 15.354 | ᵃ | < .001 | ᵃ | 0.346 |  | 0.144 |  |
| Residual |  | Greenhouse-Geisser |  | 0.143 |  | 157.838 |  | 9.053e -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 |  | 0.264 |  | 29 |  | 0.009 |  |  |  |  |  |  |  |  |  |
|  | | | | | | | | | | | | | | | |
| *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 |  | -0.105 |  | -0.027 |  | 0.010 |  | -6.443 |  | -1.176 |  | < .001 |  |
|  |  | ATL,Chance |  | 0.012 |  | -0.012 |  | 0.036 |  | 0.007 |  | 1.812 |  | 0.331 |  | 1.000 |  |
|  |  | ATL,Estimate |  | -0.013 |  | -0.052 |  | 0.026 |  | 0.010 |  | -1.271 |  | -0.232 |  | 1.000 |  |
|  |  | IFG,Chance |  | 2.991e -4 |  | -0.024 |  | 0.024 |  | 0.007 |  | 0.045 |  | 0.008 |  | 1.000 |  |
|  |  | IFG,Estimate |  | -0.040 |  | -0.079 |  | -4.667e -4 |  | 0.010 |  | -3.825 |  | -0.698 |  | 0.043 |  |
|  |  | Ins,Chance |  | -0.005 |  | -0.029 |  | 0.019 |  | 0.007 |  | -0.771 |  | -0.141 |  | 1.000 |  |
|  |  | Ins,Estimate |  | -0.021 |  | -0.060 |  | 0.018 |  | 0.010 |  | -2.039 |  | -0.372 |  | 1.000 |  |
|  |  | LTL,Chance |  | -0.007 |  | -0.030 |  | 0.017 |  | 0.007 |  | -0.996 |  | -0.182 |  | 1.000 |  |
|  |  | LTL,Estimate |  | -0.069 |  | -0.108 |  | -0.030 |  | 0.010 |  | -6.636 |  | -1.212 |  | < .001 |  |
|  |  | PCC,Chance |  | -2.312e -4 |  | -0.024 |  | 0.024 |  | 0.007 |  | -0.035 |  | -0.006 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.023 |  | -0.062 |  | 0.016 |  | 0.010 |  | -2.266 |  | -0.414 |  | 1.000 |  |
|  |  | Prec,Chance |  | 6.995e -6 |  | -0.024 |  | 0.024 |  | 0.007 |  | 0.001 |  | 1.942e -4 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.054 |  | -0.093 |  | -0.014 |  | 0.010 |  | -5.183 |  | -0.946 |  | < .001 |  |
|  |  | V1,Chance |  | 0.003 |  | -0.021 |  | 0.027 |  | 0.007 |  | 0.475 |  | 0.087 |  | 1.000 |  |
|  |  | V1,Estimate |  | 0.016 |  | -0.023 |  | 0.055 |  | 0.010 |  | 1.554 |  | 0.284 |  | 1.000 |  |
|  |  | aPFC,Chance |  | 0.006 |  | -0.018 |  | 0.029 |  | 0.007 |  | 0.861 |  | 0.157 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.039 |  | -0.078 |  | -1.822e -5 |  | 0.010 |  | -3.782 |  | -0.690 |  | 0.050 |  |
| ACC,Estimate |  | ATL,Chance |  | 0.078 |  | 0.039 |  | 0.117 |  | 0.010 |  | 7.530 |  | 1.375 |  | < .001 |  |
|  |  | ATL,Estimate |  | 0.053 |  | 0.029 |  | 0.077 |  | 0.007 |  | 8.022 |  | 1.465 |  | < .001 |  |
|  |  | IFG,Chance |  | 0.066 |  | 0.027 |  | 0.105 |  | 0.010 |  | 6.406 |  | 1.170 |  | < .001 |  |
|  |  | IFG,Estimate |  | 0.026 |  | 0.003 |  | 0.050 |  | 0.007 |  | 4.009 |  | 0.732 |  | 0.011 |  |
|  |  | Ins,Chance |  | 0.061 |  | 0.022 |  | 0.100 |  | 0.010 |  | 5.886 |  | 1.075 |  | < .001 |  |
|  |  | Ins,Estimate |  | 0.045 |  | 0.021 |  | 0.069 |  | 0.007 |  | 6.815 |  | 1.244 |  | < .001 |  |
|  |  | LTL,Chance |  | 0.059 |  | 0.020 |  | 0.098 |  | 0.010 |  | 5.743 |  | 1.048 |  | < .001 |  |
|  |  | LTL,Estimate |  | -0.003 |  | -0.026 |  | 0.021 |  | 0.007 |  | -0.407 |  | -0.074 |  | 1.000 |  |
|  |  | PCC,Chance |  | 0.066 |  | 0.027 |  | 0.105 |  | 0.010 |  | 6.355 |  | 1.160 |  | < .001 |  |
|  |  | PCC,Estimate |  | 0.042 |  | 0.019 |  | 0.066 |  | 0.007 |  | 6.459 |  | 1.179 |  | < .001 |  |
|  |  | Prec,Chance |  | 0.066 |  | 0.027 |  | 0.105 |  | 0.010 |  | 6.378 |  | 1.164 |  | < .001 |  |
|  |  | Prec,Estimate |  | 0.012 |  | -0.011 |  | 0.036 |  | 0.007 |  | 1.875 |  | 0.342 |  | 1.000 |  |
|  |  | V1,Chance |  | 0.069 |  | 0.030 |  | 0.108 |  | 0.010 |  | 6.679 |  | 1.219 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.082 |  | 0.058 |  | 0.106 |  | 0.007 |  | 12.461 |  | 2.275 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.072 |  | 0.032 |  | 0.111 |  | 0.010 |  | 6.925 |  | 1.264 |  | < .001 |  |
|  |  | aPFC,Estimate |  | 0.027 |  | 0.003 |  | 0.051 |  | 0.007 |  | 4.077 |  | 0.744 |  | 0.008 |  |
| ATL,Chance |  | ATL,Estimate |  | -0.025 |  | -0.064 |  | 0.014 |  | 0.010 |  | -2.449 |  | -0.447 |  | 1.000 |  |
|  |  | IFG,Chance |  | -0.012 |  | -0.035 |  | 0.012 |  | 0.007 |  | -1.766 |  | -0.322 |  | 1.000 |  |
|  |  | IFG,Estimate |  | -0.051 |  | -0.090 |  | -0.012 |  | 0.010 |  | -4.978 |  | -0.909 |  | < .001 |  |
|  |  | Ins,Chance |  | -0.017 |  | -0.041 |  | 0.007 |  | 0.007 |  | -2.583 |  | -0.472 |  | 1.000 |  |
|  |  | Ins,Estimate |  | -0.033 |  | -0.072 |  | 0.006 |  | 0.010 |  | -3.193 |  | -0.583 |  | 0.324 |  |
|  |  | LTL,Chance |  | -0.018 |  | -0.042 |  | 0.005 |  | 0.007 |  | -2.808 |  | -0.513 |  | 0.795 |  |
|  |  | LTL,Estimate |  | -0.080 |  | -0.120 |  | -0.041 |  | 0.010 |  | -7.789 |  | -1.422 |  | < .001 |  |
|  |  | PCC,Chance |  | -0.012 |  | -0.036 |  | 0.012 |  | 0.007 |  | -1.847 |  | -0.337 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.035 |  | -0.074 |  | 0.004 |  | 0.010 |  | -3.419 |  | -0.624 |  | 0.161 |  |
|  |  | Prec,Chance |  | -0.012 |  | -0.036 |  | 0.012 |  | 0.007 |  | -1.811 |  | -0.331 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.065 |  | -0.105 |  | -0.026 |  | 0.010 |  | -6.336 |  | -1.157 |  | < .001 |  |
|  |  | V1,Chance |  | -0.009 |  | -0.033 |  | 0.015 |  | 0.007 |  | -1.337 |  | -0.244 |  | 1.000 |  |
|  |  | V1,Estimate |  | 0.004 |  | -0.035 |  | 0.043 |  | 0.010 |  | 0.401 |  | 0.073 |  | 1.000 |  |
|  |  | aPFC,Chance |  | -0.006 |  | -0.030 |  | 0.018 |  | 0.007 |  | -0.951 |  | -0.174 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.051 |  | -0.090 |  | -0.012 |  | 0.010 |  | -4.935 |  | -0.901 |  | < .001 |  |
| ATL,Estimate |  | IFG,Chance |  | 0.013 |  | -0.026 |  | 0.052 |  | 0.010 |  | 1.300 |  | 0.237 |  | 1.000 |  |
|  |  | IFG,Estimate |  | -0.026 |  | -0.050 |  | -0.003 |  | 0.007 |  | -4.014 |  | -0.733 |  | 0.011 |  |
|  |  | Ins,Chance |  | 0.008 |  | -0.031 |  | 0.047 |  | 0.010 |  | 0.780 |  | 0.142 |  | 1.000 |  |
|  |  | Ins,Estimate |  | -0.008 |  | -0.032 |  | 0.016 |  | 0.007 |  | -1.208 |  | -0.221 |  | 1.000 |  |
|  |  | LTL,Chance |  | 0.007 |  | -0.032 |  | 0.046 |  | 0.010 |  | 0.637 |  | 0.116 |  | 1.000 |  |
|  |  | LTL,Estimate |  | -0.055 |  | -0.079 |  | -0.032 |  | 0.007 |  | -8.430 |  | -1.539 |  | < .001 |  |
|  |  | PCC,Chance |  | 0.013 |  | -0.026 |  | 0.052 |  | 0.010 |  | 1.248 |  | 0.228 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.010 |  | -0.034 |  | 0.014 |  | 0.007 |  | -1.563 |  | -0.285 |  | 1.000 |  |
|  |  | Prec,Chance |  | 0.013 |  | -0.026 |  | 0.052 |  | 0.010 |  | 1.271 |  | 0.232 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.040 |  | -0.064 |  | -0.017 |  | 0.007 |  | -6.147 |  | -1.122 |  | < .001 |  |
|  |  | V1,Chance |  | 0.016 |  | -0.023 |  | 0.055 |  | 0.010 |  | 1.573 |  | 0.287 |  | 1.000 |  |
|  |  | V1,Estimate |  | 0.029 |  | 0.005 |  | 0.053 |  | 0.007 |  | 4.438 |  | 0.810 |  | 0.002 |  |
|  |  | aPFC,Chance |  | 0.019 |  | -0.020 |  | 0.058 |  | 0.010 |  | 1.819 |  | 0.332 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.026 |  | -0.050 |  | -0.002 |  | 0.007 |  | -3.945 |  | -0.720 |  | 0.014 |  |
| IFG,Chance |  | IFG,Estimate |  | -0.040 |  | -0.079 |  | -0.001 |  | 0.010 |  | -3.894 |  | -0.711 |  | 0.036 |  |
|  |  | Ins,Chance |  | -0.005 |  | -0.029 |  | 0.018 |  | 0.007 |  | -0.817 |  | -0.149 |  | 1.000 |  |
|  |  | Ins,Estimate |  | -0.021 |  | -0.060 |  | 0.018 |  | 0.010 |  | -2.068 |  | -0.378 |  | 1.000 |  |
|  |  | LTL,Chance |  | -0.007 |  | -0.031 |  | 0.017 |  | 0.007 |  | -1.042 |  | -0.190 |  | 1.000 |  |
|  |  | LTL,Estimate |  | -0.069 |  | -0.108 |  | -0.030 |  | 0.010 |  | -6.665 |  | -1.217 |  | < .001 |  |
|  |  | PCC,Chance |  | -5.303e -4 |  | -0.024 |  | 0.023 |  | 0.007 |  | -0.081 |  | -0.015 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.024 |  | -0.063 |  | 0.015 |  | 0.010 |  | -2.295 |  | -0.419 |  | 1.000 |  |
|  |  | Prec,Chance |  | -2.921e -4 |  | -0.024 |  | 0.024 |  | 0.007 |  | -0.044 |  | -0.008 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.054 |  | -0.093 |  | -0.015 |  | 0.010 |  | -5.212 |  | -0.952 |  | < .001 |  |
|  |  | V1,Chance |  | 0.003 |  | -0.021 |  | 0.027 |  | 0.007 |  | 0.429 |  | 0.078 |  | 1.000 |  |
|  |  | V1,Estimate |  | 0.016 |  | -0.023 |  | 0.055 |  | 0.010 |  | 1.525 |  | 0.278 |  | 1.000 |  |
|  |  | aPFC,Chance |  | 0.005 |  | -0.018 |  | 0.029 |  | 0.007 |  | 0.815 |  | 0.149 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.039 |  | -0.078 |  | -3.173e -4 |  | 0.010 |  | -3.811 |  | -0.696 |  | 0.045 |  |
| IFG,Estimate |  | Ins,Chance |  | 0.034 |  | -0.005 |  | 0.074 |  | 0.010 |  | 3.335 |  | 0.609 |  | 0.210 |  |
|  |  | Ins,Estimate |  | 0.018 |  | -0.005 |  | 0.042 |  | 0.007 |  | 2.806 |  | 0.512 |  | 0.800 |  |
|  |  | LTL,Chance |  | 0.033 |  | -0.006 |  | 0.072 |  | 0.010 |  | 3.191 |  | 0.583 |  | 0.325 |  |
|  |  | LTL,Estimate |  | -0.029 |  | -0.053 |  | -0.005 |  | 0.007 |  | -4.416 |  | -0.806 |  | 0.002 |  |
|  |  | PCC,Chance |  | 0.039 |  | 2.354e -4 |  | 0.078 |  | 0.010 |  | 3.803 |  | 0.694 |  | 0.046 |  |
|  |  | PCC,Estimate |  | 0.016 |  | -0.008 |  | 0.040 |  | 0.007 |  | 2.450 |  | 0.447 |  | 1.000 |  |
|  |  | Prec,Chance |  | 0.040 |  | 4.737e -4 |  | 0.079 |  | 0.010 |  | 3.826 |  | 0.699 |  | 0.043 |  |
|  |  | Prec,Estimate |  | -0.014 |  | -0.038 |  | 0.010 |  | 0.007 |  | -2.134 |  | -0.390 |  | 1.000 |  |
|  |  | V1,Chance |  | 0.043 |  | 0.004 |  | 0.082 |  | 0.010 |  | 4.127 |  | 0.754 |  | 0.015 |  |
|  |  | V1,Estimate |  | 0.056 |  | 0.032 |  | 0.079 |  | 0.007 |  | 8.452 |  | 1.543 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.045 |  | 0.006 |  | 0.084 |  | 0.010 |  | 4.373 |  | 0.798 |  | 0.006 |  |
|  |  | aPFC,Estimate |  | 4.484e -4 |  | -0.023 |  | 0.024 |  | 0.007 |  | 0.068 |  | 0.012 |  | 1.000 |  |
| Ins,Chance |  | Ins,Estimate |  | -0.016 |  | -0.055 |  | 0.023 |  | 0.010 |  | -1.565 |  | -0.286 |  | 1.000 |  |
|  |  | LTL,Chance |  | -0.001 |  | -0.025 |  | 0.022 |  | 0.007 |  | -0.225 |  | -0.041 |  | 1.000 |  |
|  |  | LTL,Estimate |  | -0.063 |  | -0.103 |  | -0.024 |  | 0.010 |  | -6.145 |  | -1.122 |  | < .001 |  |
|  |  | PCC,Chance |  | 0.005 |  | -0.019 |  | 0.029 |  | 0.007 |  | 0.736 |  | 0.134 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.018 |  | -0.057 |  | 0.021 |  | 0.010 |  | -1.775 |  | -0.324 |  | 1.000 |  |
|  |  | Prec,Chance |  | 0.005 |  | -0.019 |  | 0.029 |  | 0.007 |  | 0.772 |  | 0.141 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.048 |  | -0.088 |  | -0.009 |  | 0.010 |  | -4.693 |  | -0.857 |  | 0.002 |  |
|  |  | V1,Chance |  | 0.008 |  | -0.016 |  | 0.032 |  | 0.007 |  | 1.246 |  | 0.227 |  | 1.000 |  |
|  |  | V1,Estimate |  | 0.021 |  | -0.018 |  | 0.060 |  | 0.010 |  | 2.045 |  | 0.373 |  | 1.000 |  |
|  |  | aPFC,Chance |  | 0.011 |  | -0.013 |  | 0.035 |  | 0.007 |  | 1.632 |  | 0.298 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.034 |  | -0.073 |  | 0.005 |  | 0.010 |  | -3.291 |  | -0.601 |  | 0.240 |  |
| Ins,Estimate |  | LTL,Chance |  | 0.015 |  | -0.025 |  | 0.054 |  | 0.010 |  | 1.405 |  | 0.257 |  | 1.000 |  |
|  |  | LTL,Estimate |  | -0.047 |  | -0.071 |  | -0.024 |  | 0.007 |  | -7.222 |  | -1.319 |  | < .001 |  |
|  |  | PCC,Chance |  | 0.021 |  | -0.018 |  | 0.060 |  | 0.010 |  | 2.017 |  | 0.368 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.002 |  | -0.026 |  | 0.021 |  | 0.007 |  | -0.356 |  | -0.065 |  | 1.000 |  |
|  |  | Prec,Chance |  | 0.021 |  | -0.018 |  | 0.060 |  | 0.010 |  | 2.040 |  | 0.372 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.032 |  | -0.056 |  | -0.009 |  | 0.007 |  | -4.939 |  | -0.902 |  | < .001 |  |
|  |  | V1,Chance |  | 0.024 |  | -0.015 |  | 0.063 |  | 0.010 |  | 2.342 |  | 0.428 |  | 1.000 |  |
|  |  | V1,Estimate |  | 0.037 |  | 0.013 |  | 0.061 |  | 0.007 |  | 5.646 |  | 1.031 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.027 |  | -0.012 |  | 0.066 |  | 0.010 |  | 2.587 |  | 0.472 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.018 |  | -0.042 |  | 0.006 |  | 0.007 |  | -2.738 |  | -0.500 |  | 0.983 |  |
| LTL,Chance |  | LTL,Estimate |  | -0.062 |  | -0.101 |  | -0.023 |  | 0.010 |  | -6.065 |  | -1.107 |  | < .001 |  |
|  |  | PCC,Chance |  | 0.006 |  | -0.017 |  | 0.030 |  | 0.007 |  | 0.961 |  | 0.175 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.017 |  | -0.056 |  | 0.022 |  | 0.010 |  | -1.632 |  | -0.298 |  | 1.000 |  |
|  |  | Prec,Chance |  | 0.007 |  | -0.017 |  | 0.030 |  | 0.007 |  | 0.997 |  | 0.182 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.047 |  | -0.086 |  | -0.008 |  | 0.010 |  | -4.549 |  | -0.831 |  | 0.003 |  |
|  |  | V1,Chance |  | 0.010 |  | -0.014 |  | 0.033 |  | 0.007 |  | 1.471 |  | 0.269 |  | 1.000 |  |
|  |  | V1,Estimate |  | 0.023 |  | -0.016 |  | 0.062 |  | 0.010 |  | 2.188 |  | 0.400 |  | 1.000 |  |
|  |  | aPFC,Chance |  | 0.012 |  | -0.012 |  | 0.036 |  | 0.007 |  | 1.857 |  | 0.339 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.033 |  | -0.072 |  | 0.007 |  | 0.010 |  | -3.148 |  | -0.575 |  | 0.370 |  |
| LTL,Estimate |  | PCC,Chance |  | 0.068 |  | 0.029 |  | 0.107 |  | 0.010 |  | 6.614 |  | 1.208 |  | < .001 |  |
|  |  | PCC,Estimate |  | 0.045 |  | 0.021 |  | 0.069 |  | 0.007 |  | 6.866 |  | 1.254 |  | < .001 |  |
|  |  | Prec,Chance |  | 0.069 |  | 0.030 |  | 0.108 |  | 0.010 |  | 6.637 |  | 1.212 |  | < .001 |  |
|  |  | Prec,Estimate |  | 0.015 |  | -0.009 |  | 0.039 |  | 0.007 |  | 2.282 |  | 0.417 |  | 1.000 |  |
|  |  | V1,Chance |  | 0.072 |  | 0.033 |  | 0.111 |  | 0.010 |  | 6.938 |  | 1.267 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.085 |  | 0.061 |  | 0.108 |  | 0.007 |  | 12.868 |  | 2.349 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.074 |  | 0.035 |  | 0.113 |  | 0.010 |  | 7.184 |  | 1.312 |  | < .001 |  |
|  |  | aPFC,Estimate |  | 0.029 |  | 0.006 |  | 0.053 |  | 0.007 |  | 4.484 |  | 0.819 |  | 0.001 |  |
| PCC,Chance |  | PCC,Estimate |  | -0.023 |  | -0.062 |  | 0.016 |  | 0.010 |  | -2.267 |  | -0.414 |  | 1.000 |  |
|  |  | Prec,Chance |  | 2.382e -4 |  | -0.024 |  | 0.024 |  | 0.007 |  | 0.036 |  | 0.007 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.053 |  | -0.092 |  | -0.014 |  | 0.010 |  | -5.161 |  | -0.942 |  | < .001 |  |
|  |  | V1,Chance |  | 0.003 |  | -0.020 |  | 0.027 |  | 0.007 |  | 0.510 |  | 0.093 |  | 1.000 |  |
|  |  | V1,Estimate |  | 0.016 |  | -0.023 |  | 0.055 |  | 0.010 |  | 1.577 |  | 0.288 |  | 1.000 |  |
|  |  | aPFC,Chance |  | 0.006 |  | -0.018 |  | 0.030 |  | 0.007 |  | 0.896 |  | 0.164 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.039 |  | -0.078 |  | 2.130e -4 |  | 0.010 |  | -3.760 |  | -0.686 |  | 0.054 |  |
| PCC,Estimate |  | Prec,Chance |  | 0.023 |  | -0.016 |  | 0.062 |  | 0.010 |  | 2.266 |  | 0.414 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.030 |  | -0.054 |  | -0.006 |  | 0.007 |  | -4.584 |  | -0.837 |  | < .001 |  |
|  |  | V1,Chance |  | 0.027 |  | -0.013 |  | 0.066 |  | 0.010 |  | 2.568 |  | 0.469 |  | 1.000 |  |
|  |  | V1,Estimate |  | 0.039 |  | 0.016 |  | 0.063 |  | 0.007 |  | 6.002 |  | 1.096 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.029 |  | -0.010 |  | 0.068 |  | 0.010 |  | 2.814 |  | 0.514 |  | 0.972 |  |
|  |  | aPFC,Estimate |  | -0.016 |  | -0.039 |  | 0.008 |  | 0.007 |  | -2.382 |  | -0.435 |  | 1.000 |  |
| Prec,Chance |  | Prec,Estimate |  | -0.054 |  | -0.092 |  | -0.015 |  | 0.010 |  | -5.238 |  | -0.956 |  | < .001 |  |
|  |  | V1,Chance |  | 0.003 |  | -0.021 |  | 0.027 |  | 0.007 |  | 0.474 |  | 0.086 |  | 1.000 |  |
|  |  | V1,Estimate |  | 0.016 |  | -0.023 |  | 0.055 |  | 0.010 |  | 1.554 |  | 0.284 |  | 1.000 |  |
|  |  | aPFC,Chance |  | 0.006 |  | -0.018 |  | 0.029 |  | 0.007 |  | 0.860 |  | 0.157 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.039 |  | -0.078 |  | -2.521e -5 |  | 0.010 |  | -3.783 |  | -0.691 |  | 0.050 |  |
| Prec,Estimate |  | V1,Chance |  | 0.057 |  | 0.018 |  | 0.096 |  | 0.010 |  | 5.486 |  | 1.002 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.070 |  | 0.046 |  | 0.093 |  | 0.007 |  | 10.586 |  | 1.933 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.059 |  | 0.020 |  | 0.098 |  | 0.010 |  | 5.731 |  | 1.046 |  | < .001 |  |
|  |  | aPFC,Estimate |  | 0.014 |  | -0.009 |  | 0.038 |  | 0.007 |  | 2.202 |  | 0.402 |  | 1.000 |  |
| V1,Chance |  | V1,Estimate |  | 0.013 |  | -0.026 |  | 0.052 |  | 0.010 |  | 1.265 |  | 0.231 |  | 1.000 |  |
|  |  | aPFC,Chance |  | 0.003 |  | -0.021 |  | 0.026 |  | 0.007 |  | 0.386 |  | 0.071 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.042 |  | -0.081 |  | -0.003 |  | 0.010 |  | -4.084 |  | -0.746 |  | 0.018 |  |
| V1,Estimate |  | aPFC,Chance |  | -0.010 |  | -0.049 |  | 0.029 |  | 0.010 |  | -1.006 |  | -0.184 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.055 |  | -0.079 |  | -0.031 |  | 0.007 |  | -8.384 |  | -1.531 |  | < .001 |  |
| aPFC,Chance |  | aPFC,Estimate |  | -0.045 |  | -0.084 |  | -0.006 |  | 0.010 |  | -4.375 |  | -0.799 |  | 0.007 |  |
|  | | | | | | | | | | | | | | | | | |
| *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 |  | 0.544 |  | 0.034 |  | 30 |  |
| IFG |  | Estimate |  | 0.577 |  | 0.050 |  | 30 |  |
|  |  | Chance |  | 0.537 |  | 0.029 |  | 30 |  |
| Prec |  | Estimate |  | 0.591 |  | 0.047 |  | 30 |  |
|  |  | Chance |  | 0.538 |  | 0.032 |  | 30 |  |
| ATL |  | Estimate |  | 0.551 |  | 0.045 |  | 30 |  |
|  |  | Chance |  | 0.526 |  | 0.030 |  | 30 |  |
| aPFC |  | Estimate |  | 0.577 |  | 0.058 |  | 30 |  |
|  |  | Chance |  | 0.532 |  | 0.032 |  | 30 |  |
| Ins |  | Estimate |  | 0.559 |  | 0.032 |  | 30 |  |
|  |  | Chance |  | 0.543 |  | 0.029 |  | 30 |  |
| ACC |  | Estimate |  | 0.603 |  | 0.061 |  | 30 |  |
|  |  | Chance |  | 0.538 |  | 0.023 |  | 30 |  |
| PCC |  | Estimate |  | 0.561 |  | 0.036 |  | 30 |  |
|  |  | Chance |  | 0.538 |  | 0.032 |  | 30 |  |
| V1 |  | Estimate |  | 0.521 |  | 0.029 |  | 30 |  |
|  |  | Chance |  | 0.534 |  | 0.033 |  | 30 |  |
|  | | | | | | | | | |

**Descriptives Plot**

A picture containing object

Description automatically generated