**Results**

**Repeated Measures ANOVA**

| **Within Subjects Effects** | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Sum of Squares** | | **df** | | **Mean Square** | | **F** | | **p** | | **η² p** | | **ω²** | |
| ROI |  | 0.225 |  | 8 |  | 0.028 |  | 31.693 |  | < .001 |  | 0.522 |  | 0.277 |  |
| Residual |  | 0.206 |  | 232 |  | 8.869e -4 |  |  |  |  |  |  |  |  |  |
| Condition |  | 3.245 |  | 1 |  | 3.245 |  | 300.576 |  | < .001 |  | 0.912 |  | 0.826 |  |
| Residual |  | 0.313 |  | 29 |  | 0.011 |  |  |  |  |  |  |  |  |  |
| ROI ✻ Condition |  | 0.146 |  | 8 |  | 0.018 |  | 23.476 |  | < .001 |  | 0.447 |  | 0.205 |  |
| Residual |  | 0.181 |  | 232 |  | 7.782e -4 |  |  |  |  |  |  |  |  |  |
|  | | | | | | | | | | | | | | | |
| *Note.*  Type III Sum of Squares | | | | | | | | | | | | | | | |

| **Between Subjects Effects** | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Sum of Squares** | | **df** | | **Mean Square** | | **F** | | **p** | | **η² p** | | **ω²** | |
| Residual |  | 0.345 |  | 29 |  | 0.012 |  |  |  |  |  |  |  |  |  |
|  | | | | | | | | | | | | | | | |
| *Note.*  Type III Sum of Squares | | | | | | | | | | | | | | | |

**Assumption Checks**

| **Test of Sphericity** | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Mauchly's W** | | **Approx. Χ²** | | **df** | | **p** | | **Greenhouse-Geisser ε** | | **Huynh-Feldt ε** | | **Lower Bound ε** | |
| ROI |  | 0.167 |  | 46.718 |  | 35 |  | 0.094 |  | 0.736 |  | 0.945 |  | 0.125 |  |
| Condition |  | 1.000 | ᵃ | NaN | ᵃ | NaN | ᵃ | NaN | ᵃ | 1.000 | ᵃ | 1.000 | ᵃ | 1.000 | ᵃ |
| ROI ✻ Condition |  | 0.198 |  | 42.344 |  | 35 |  | 0.191 |  | 0.754 |  | 0.973 |  | 0.125 |  |
|  | | | | | | | | | | | | | | | |
| ᵃ Singular error SSP matrix: The repeated measure has only two levels, or more levels than observations. When the repeated measure has two levels, the assumption of sphericity is always met. | | | | | | | | | | | | | | | |

**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 |  | -0.185 |  | -0.227 |  | -0.142 |  | 0.011 |  | -16.470 |  | -3.007 |  | < .001 |  |
|  |  | ATL,Chance |  | 0.012 |  | -0.015 |  | 0.039 |  | 0.007 |  | 1.599 |  | 0.292 |  | 1.000 |  |
|  |  | ATL,Estimate |  | -0.099 |  | -0.142 |  | -0.056 |  | 0.011 |  | -8.705 |  | -1.589 |  | < .001 |  |
|  |  | IFG,Chance |  | 2.991e -4 |  | -0.027 |  | 0.027 |  | 0.007 |  | 0.040 |  | 0.007 |  | 1.000 |  |
|  |  | IFG,Estimate |  | -0.163 |  | -0.206 |  | -0.120 |  | 0.011 |  | -14.338 |  | -2.618 |  | < .001 |  |
|  |  | Ins,Chance |  | -0.005 |  | -0.032 |  | 0.022 |  | 0.007 |  | -0.681 |  | -0.124 |  | 1.000 |  |
|  |  | Ins,Estimate |  | -0.179 |  | -0.222 |  | -0.136 |  | 0.011 |  | -15.728 |  | -2.872 |  | < .001 |  |
|  |  | LTL,Chance |  | -0.007 |  | -0.034 |  | 0.020 |  | 0.007 |  | -0.879 |  | -0.161 |  | 1.000 |  |
|  |  | LTL,Estimate |  | -0.191 |  | -0.234 |  | -0.149 |  | 0.011 |  | -16.810 |  | -3.069 |  | < .001 |  |
|  |  | PCC,Chance |  | -2.312e -4 |  | -0.027 |  | 0.027 |  | 0.007 |  | -0.031 |  | -0.006 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.144 |  | -0.187 |  | -0.101 |  | 0.011 |  | -12.670 |  | -2.313 |  | < .001 |  |
|  |  | Prec,Chance |  | 6.995e -6 |  | -0.027 |  | 0.027 |  | 0.007 |  | 9.389e -4 |  | 1.714e -4 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.195 |  | -0.238 |  | -0.153 |  | 0.011 |  | -17.165 |  | -3.134 |  | < .001 |  |
|  |  | V1,Chance |  | 0.003 |  | -0.024 |  | 0.030 |  | 0.007 |  | 0.419 |  | 0.077 |  | 1.000 |  |
|  |  | V1,Estimate |  | -0.091 |  | -0.134 |  | -0.048 |  | 0.011 |  | -8.010 |  | -1.462 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.006 |  | -0.021 |  | 0.033 |  | 0.007 |  | 0.760 |  | 0.139 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.137 |  | -0.180 |  | -0.094 |  | 0.011 |  | -12.052 |  | -2.200 |  | < .001 |  |
| ACC,Estimate |  | ATL,Chance |  | 0.197 |  | 0.154 |  | 0.240 |  | 0.011 |  | 17.284 |  | 3.156 |  | < .001 |  |
|  |  | ATL,Estimate |  | 0.086 |  | 0.059 |  | 0.113 |  | 0.007 |  | 11.516 |  | 2.103 |  | < .001 |  |
|  |  | IFG,Chance |  | 0.185 |  | 0.142 |  | 0.228 |  | 0.011 |  | 16.265 |  | 2.969 |  | < .001 |  |
|  |  | IFG,Estimate |  | 0.022 |  | -0.005 |  | 0.049 |  | 0.007 |  | 2.905 |  | 0.530 |  | 0.588 |  |
|  |  | Ins,Chance |  | 0.180 |  | 0.137 |  | 0.223 |  | 0.011 |  | 15.793 |  | 2.883 |  | < .001 |  |
|  |  | Ins,Estimate |  | 0.006 |  | -0.021 |  | 0.033 |  | 0.007 |  | 0.780 |  | 0.142 |  | 1.000 |  |
|  |  | LTL,Chance |  | 0.178 |  | 0.135 |  | 0.221 |  | 0.011 |  | 15.663 |  | 2.860 |  | < .001 |  |
|  |  | LTL,Estimate |  | -0.007 |  | -0.033 |  | 0.020 |  | 0.007 |  | -0.874 |  | -0.160 |  | 1.000 |  |
|  |  | PCC,Chance |  | 0.185 |  | 0.142 |  | 0.228 |  | 0.011 |  | 16.218 |  | 2.961 |  | < .001 |  |
|  |  | PCC,Estimate |  | 0.041 |  | 0.014 |  | 0.068 |  | 0.007 |  | 5.455 |  | 0.996 |  | < .001 |  |
|  |  | Prec,Chance |  | 0.185 |  | 0.142 |  | 0.228 |  | 0.011 |  | 16.239 |  | 2.965 |  | < .001 |  |
|  |  | Prec,Estimate |  | -0.011 |  | -0.038 |  | 0.016 |  | 0.007 |  | -1.417 |  | -0.259 |  | 1.000 |  |
|  |  | V1,Chance |  | 0.188 |  | 0.145 |  | 0.231 |  | 0.011 |  | 16.512 |  | 3.015 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.094 |  | 0.067 |  | 0.121 |  | 0.007 |  | 12.579 |  | 2.297 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.191 |  | 0.148 |  | 0.234 |  | 0.011 |  | 16.735 |  | 3.055 |  | < .001 |  |
|  |  | aPFC,Estimate |  | 0.048 |  | 0.021 |  | 0.075 |  | 0.007 |  | 6.400 |  | 1.168 |  | < .001 |  |
| ATL,Chance |  | ATL,Estimate |  | -0.111 |  | -0.154 |  | -0.069 |  | 0.011 |  | -9.890 |  | -1.806 |  | < .001 |  |
|  |  | IFG,Chance |  | -0.012 |  | -0.039 |  | 0.015 |  | 0.007 |  | -1.559 |  | -0.285 |  | 1.000 |  |
|  |  | IFG,Estimate |  | -0.175 |  | -0.218 |  | -0.132 |  | 0.011 |  | -15.384 |  | -2.809 |  | < .001 |  |
|  |  | Ins,Chance |  | -0.017 |  | -0.044 |  | 0.010 |  | 0.007 |  | -2.280 |  | -0.416 |  | 1.000 |  |
|  |  | Ins,Estimate |  | -0.191 |  | -0.234 |  | -0.148 |  | 0.011 |  | -16.774 |  | -3.063 |  | < .001 |  |
|  |  | LTL,Chance |  | -0.018 |  | -0.045 |  | 0.009 |  | 0.007 |  | -2.478 |  | -0.453 |  | 1.000 |  |
|  |  | LTL,Estimate |  | -0.203 |  | -0.246 |  | -0.160 |  | 0.011 |  | -17.856 |  | -3.260 |  | < .001 |  |
|  |  | PCC,Chance |  | -0.012 |  | -0.039 |  | 0.015 |  | 0.007 |  | -1.630 |  | -0.298 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.156 |  | -0.199 |  | -0.113 |  | 0.011 |  | -13.716 |  | -2.504 |  | < .001 |  |
|  |  | Prec,Chance |  | -0.012 |  | -0.039 |  | 0.015 |  | 0.007 |  | -1.598 |  | -0.292 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.207 |  | -0.250 |  | -0.164 |  | 0.011 |  | -18.211 |  | -3.325 |  | < .001 |  |
|  |  | V1,Chance |  | -0.009 |  | -0.036 |  | 0.018 |  | 0.007 |  | -1.180 |  | -0.215 |  | 1.000 |  |
|  |  | V1,Estimate |  | -0.103 |  | -0.146 |  | -0.060 |  | 0.011 |  | -9.056 |  | -1.653 |  | < .001 |  |
|  |  | aPFC,Chance |  | -0.006 |  | -0.033 |  | 0.021 |  | 0.007 |  | -0.839 |  | -0.153 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.149 |  | -0.192 |  | -0.106 |  | 0.011 |  | -13.098 |  | -2.391 |  | < .001 |  |
| ATL,Estimate |  | IFG,Chance |  | 0.099 |  | 0.057 |  | 0.142 |  | 0.011 |  | 8.731 |  | 1.594 |  | < .001 |  |
|  |  | IFG,Estimate |  | -0.064 |  | -0.091 |  | -0.037 |  | 0.007 |  | -8.611 |  | -1.572 |  | < .001 |  |
|  |  | Ins,Chance |  | 0.094 |  | 0.051 |  | 0.137 |  | 0.011 |  | 8.260 |  | 1.508 |  | < .001 |  |
|  |  | Ins,Estimate |  | -0.080 |  | -0.107 |  | -0.053 |  | 0.007 |  | -10.737 |  | -1.960 |  | < .001 |  |
|  |  | LTL,Chance |  | 0.093 |  | 0.050 |  | 0.136 |  | 0.011 |  | 8.130 |  | 1.484 |  | < .001 |  |
|  |  | LTL,Estimate |  | -0.092 |  | -0.119 |  | -0.065 |  | 0.007 |  | -12.390 |  | -2.262 |  | < .001 |  |
|  |  | PCC,Chance |  | 0.099 |  | 0.056 |  | 0.142 |  | 0.011 |  | 8.685 |  | 1.586 |  | < .001 |  |
|  |  | PCC,Estimate |  | -0.045 |  | -0.072 |  | -0.018 |  | 0.007 |  | -6.061 |  | -1.107 |  | < .001 |  |
|  |  | Prec,Chance |  | 0.099 |  | 0.056 |  | 0.142 |  | 0.011 |  | 8.706 |  | 1.589 |  | < .001 |  |
|  |  | Prec,Estimate |  | -0.096 |  | -0.123 |  | -0.069 |  | 0.007 |  | -12.933 |  | -2.361 |  | < .001 |  |
|  |  | V1,Chance |  | 0.102 |  | 0.059 |  | 0.145 |  | 0.011 |  | 8.979 |  | 1.639 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.008 |  | -0.019 |  | 0.035 |  | 0.007 |  | 1.063 |  | 0.194 |  | 1.000 |  |
|  |  | aPFC,Chance |  | 0.105 |  | 0.062 |  | 0.148 |  | 0.011 |  | 9.202 |  | 1.680 |  | < .001 |  |
|  |  | aPFC,Estimate |  | -0.038 |  | -0.065 |  | -0.011 |  | 0.007 |  | -5.116 |  | -0.934 |  | < .001 |  |
| IFG,Chance |  | IFG,Estimate |  | -0.164 |  | -0.206 |  | -0.121 |  | 0.011 |  | -14.569 |  | -2.660 |  | < .001 |  |
|  |  | Ins,Chance |  | -0.005 |  | -0.032 |  | 0.022 |  | 0.007 |  | -0.721 |  | -0.132 |  | 1.000 |  |
|  |  | Ins,Estimate |  | -0.179 |  | -0.222 |  | -0.137 |  | 0.011 |  | -15.754 |  | -2.876 |  | < .001 |  |
|  |  | LTL,Chance |  | -0.007 |  | -0.034 |  | 0.020 |  | 0.007 |  | -0.919 |  | -0.168 |  | 1.000 |  |
|  |  | LTL,Estimate |  | -0.192 |  | -0.235 |  | -0.149 |  | 0.011 |  | -16.836 |  | -3.074 |  | < .001 |  |
|  |  | PCC,Chance |  | -5.303e -4 |  | -0.028 |  | 0.026 |  | 0.007 |  | -0.071 |  | -0.013 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.145 |  | -0.188 |  | -0.102 |  | 0.011 |  | -12.696 |  | -2.318 |  | < .001 |  |
|  |  | Prec,Chance |  | -2.921e -4 |  | -0.027 |  | 0.027 |  | 0.007 |  | -0.039 |  | -0.007 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.196 |  | -0.239 |  | -0.153 |  | 0.011 |  | -17.191 |  | -3.139 |  | < .001 |  |
|  |  | V1,Chance |  | 0.003 |  | -0.024 |  | 0.030 |  | 0.007 |  | 0.379 |  | 0.069 |  | 1.000 |  |
|  |  | V1,Estimate |  | -0.092 |  | -0.134 |  | -0.049 |  | 0.011 |  | -8.036 |  | -1.467 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.005 |  | -0.022 |  | 0.032 |  | 0.007 |  | 0.720 |  | 0.131 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.138 |  | -0.180 |  | -0.095 |  | 0.011 |  | -12.078 |  | -2.205 |  | < .001 |  |
| IFG,Estimate |  | Ins,Chance |  | 0.158 |  | 0.115 |  | 0.201 |  | 0.011 |  | 13.893 |  | 2.536 |  | < .001 |  |
|  |  | Ins,Estimate |  | -0.016 |  | -0.043 |  | 0.011 |  | 0.007 |  | -2.126 |  | -0.388 |  | 1.000 |  |
|  |  | LTL,Chance |  | 0.157 |  | 0.114 |  | 0.200 |  | 0.011 |  | 13.763 |  | 2.513 |  | < .001 |  |
|  |  | LTL,Estimate |  | -0.028 |  | -0.055 |  | -0.001 |  | 0.007 |  | -3.779 |  | -0.690 |  | 0.027 |  |
|  |  | PCC,Chance |  | 0.163 |  | 0.120 |  | 0.206 |  | 0.011 |  | 14.317 |  | 2.614 |  | < .001 |  |
|  |  | PCC,Estimate |  | 0.019 |  | -0.008 |  | 0.046 |  | 0.007 |  | 2.550 |  | 0.466 |  | 1.000 |  |
|  |  | Prec,Chance |  | 0.163 |  | 0.120 |  | 0.206 |  | 0.011 |  | 14.338 |  | 2.618 |  | < .001 |  |
|  |  | Prec,Estimate |  | -0.032 |  | -0.059 |  | -0.005 |  | 0.007 |  | -4.322 |  | -0.789 |  | 0.003 |  |
|  |  | V1,Chance |  | 0.166 |  | 0.124 |  | 0.209 |  | 0.011 |  | 14.612 |  | 2.668 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.072 |  | 0.045 |  | 0.099 |  | 0.007 |  | 9.674 |  | 1.766 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.169 |  | 0.126 |  | 0.212 |  | 0.011 |  | 14.835 |  | 2.708 |  | < .001 |  |
|  |  | aPFC,Estimate |  | 0.026 |  | -9.371e -4 |  | 0.053 |  | 0.007 |  | 3.495 |  | 0.638 |  | 0.080 |  |
| Ins,Chance |  | Ins,Estimate |  | -0.174 |  | -0.217 |  | -0.132 |  | 0.011 |  | -15.501 |  | -2.830 |  | < .001 |  |
|  |  | LTL,Chance |  | -0.001 |  | -0.028 |  | 0.025 |  | 0.007 |  | -0.199 |  | -0.036 |  | 1.000 |  |
|  |  | LTL,Estimate |  | -0.186 |  | -0.229 |  | -0.143 |  | 0.011 |  | -16.365 |  | -2.988 |  | < .001 |  |
|  |  | PCC,Chance |  | 0.005 |  | -0.022 |  | 0.032 |  | 0.007 |  | 0.650 |  | 0.119 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.139 |  | -0.182 |  | -0.096 |  | 0.011 |  | -12.224 |  | -2.232 |  | < .001 |  |
|  |  | Prec,Chance |  | 0.005 |  | -0.022 |  | 0.032 |  | 0.007 |  | 0.682 |  | 0.124 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.190 |  | -0.233 |  | -0.148 |  | 0.011 |  | -16.720 |  | -3.053 |  | < .001 |  |
|  |  | V1,Chance |  | 0.008 |  | -0.019 |  | 0.035 |  | 0.007 |  | 1.100 |  | 0.201 |  | 1.000 |  |
|  |  | V1,Estimate |  | -0.086 |  | -0.129 |  | -0.043 |  | 0.011 |  | -7.564 |  | -1.381 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.011 |  | -0.016 |  | 0.038 |  | 0.007 |  | 1.441 |  | 0.263 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.132 |  | -0.175 |  | -0.089 |  | 0.011 |  | -11.607 |  | -2.119 |  | < .001 |  |
| Ins,Estimate |  | LTL,Chance |  | 0.173 |  | 0.130 |  | 0.215 |  | 0.011 |  | 15.153 |  | 2.767 |  | < .001 |  |
|  |  | LTL,Estimate |  | -0.012 |  | -0.039 |  | 0.015 |  | 0.007 |  | -1.653 |  | -0.302 |  | 1.000 |  |
|  |  | PCC,Chance |  | 0.179 |  | 0.136 |  | 0.222 |  | 0.011 |  | 15.708 |  | 2.868 |  | < .001 |  |
|  |  | PCC,Estimate |  | 0.035 |  | 0.008 |  | 0.062 |  | 0.007 |  | 4.676 |  | 0.854 |  | < .001 |  |
|  |  | Prec,Chance |  | 0.179 |  | 0.136 |  | 0.222 |  | 0.011 |  | 15.729 |  | 2.872 |  | < .001 |  |
|  |  | Prec,Estimate |  | -0.016 |  | -0.043 |  | 0.011 |  | 0.007 |  | -2.197 |  | -0.401 |  | 1.000 |  |
|  |  | V1,Chance |  | 0.182 |  | 0.139 |  | 0.225 |  | 0.011 |  | 16.002 |  | 2.922 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.088 |  | 0.061 |  | 0.115 |  | 0.007 |  | 11.800 |  | 2.154 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.185 |  | 0.142 |  | 0.228 |  | 0.011 |  | 16.225 |  | 2.962 |  | < .001 |  |
|  |  | aPFC,Estimate |  | 0.042 |  | 0.015 |  | 0.069 |  | 0.007 |  | 5.620 |  | 1.026 |  | < .001 |  |
| LTL,Chance |  | LTL,Estimate |  | -0.185 |  | -0.227 |  | -0.142 |  | 0.011 |  | -16.466 |  | -3.006 |  | < .001 |  |
|  |  | PCC,Chance |  | 0.006 |  | -0.021 |  | 0.033 |  | 0.007 |  | 0.848 |  | 0.155 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.138 |  | -0.181 |  | -0.095 |  | 0.011 |  | -12.094 |  | -2.208 |  | < .001 |  |
|  |  | Prec,Chance |  | 0.007 |  | -0.020 |  | 0.034 |  | 0.007 |  | 0.880 |  | 0.161 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.189 |  | -0.232 |  | -0.146 |  | 0.011 |  | -16.590 |  | -3.029 |  | < .001 |  |
|  |  | V1,Chance |  | 0.010 |  | -0.017 |  | 0.037 |  | 0.007 |  | 1.298 |  | 0.237 |  | 1.000 |  |
|  |  | V1,Estimate |  | -0.085 |  | -0.128 |  | -0.042 |  | 0.011 |  | -7.434 |  | -1.357 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.012 |  | -0.015 |  | 0.039 |  | 0.007 |  | 1.639 |  | 0.299 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.131 |  | -0.174 |  | -0.088 |  | 0.011 |  | -11.477 |  | -2.095 |  | < .001 |  |
| LTL,Estimate |  | PCC,Chance |  | 0.191 |  | 0.148 |  | 0.234 |  | 0.011 |  | 16.789 |  | 3.065 |  | < .001 |  |
|  |  | PCC,Estimate |  | 0.047 |  | 0.020 |  | 0.074 |  | 0.007 |  | 6.329 |  | 1.156 |  | < .001 |  |
|  |  | Prec,Chance |  | 0.191 |  | 0.149 |  | 0.234 |  | 0.011 |  | 16.810 |  | 3.069 |  | < .001 |  |
|  |  | Prec,Estimate |  | -0.004 |  | -0.031 |  | 0.023 |  | 0.007 |  | -0.543 |  | -0.099 |  | 1.000 |  |
|  |  | V1,Chance |  | 0.195 |  | 0.152 |  | 0.237 |  | 0.011 |  | 17.084 |  | 3.119 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.100 |  | 0.073 |  | 0.127 |  | 0.007 |  | 13.453 |  | 2.456 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.197 |  | 0.154 |  | 0.240 |  | 0.011 |  | 17.307 |  | 3.160 |  | < .001 |  |
|  |  | aPFC,Estimate |  | 0.054 |  | 0.027 |  | 0.081 |  | 0.007 |  | 7.274 |  | 1.328 |  | < .001 |  |
| PCC,Chance |  | PCC,Estimate |  | -0.144 |  | -0.187 |  | -0.102 |  | 0.011 |  | -12.830 |  | -2.342 |  | < .001 |  |
|  |  | Prec,Chance |  | 2.382e -4 |  | -0.027 |  | 0.027 |  | 0.007 |  | 0.032 |  | 0.006 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.195 |  | -0.238 |  | -0.152 |  | 0.011 |  | -17.145 |  | -3.130 |  | < .001 |  |
|  |  | V1,Chance |  | 0.003 |  | -0.024 |  | 0.030 |  | 0.007 |  | 0.450 |  | 0.082 |  | 1.000 |  |
|  |  | V1,Estimate |  | -0.091 |  | -0.134 |  | -0.048 |  | 0.011 |  | -7.989 |  | -1.459 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.006 |  | -0.021 |  | 0.033 |  | 0.007 |  | 0.791 |  | 0.144 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.137 |  | -0.180 |  | -0.094 |  | 0.011 |  | -12.032 |  | -2.197 |  | < .001 |  |
| PCC,Estimate |  | Prec,Chance |  | 0.144 |  | 0.101 |  | 0.187 |  | 0.011 |  | 12.670 |  | 2.313 |  | < .001 |  |
|  |  | Prec,Estimate |  | -0.051 |  | -0.078 |  | -0.024 |  | 0.007 |  | -6.872 |  | -1.255 |  | < .001 |  |
|  |  | V1,Chance |  | 0.147 |  | 0.105 |  | 0.190 |  | 0.011 |  | 12.944 |  | 2.363 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.053 |  | 0.026 |  | 0.080 |  | 0.007 |  | 7.124 |  | 1.301 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.150 |  | 0.107 |  | 0.193 |  | 0.011 |  | 13.167 |  | 2.404 |  | < .001 |  |
|  |  | aPFC,Estimate |  | 0.007 |  | -0.020 |  | 0.034 |  | 0.007 |  | 0.944 |  | 0.172 |  | 1.000 |  |
| Prec,Chance |  | Prec,Estimate |  | -0.196 |  | -0.238 |  | -0.153 |  | 0.011 |  | -17.411 |  | -3.179 |  | < .001 |  |
|  |  | V1,Chance |  | 0.003 |  | -0.024 |  | 0.030 |  | 0.007 |  | 0.418 |  | 0.076 |  | 1.000 |  |
|  |  | V1,Estimate |  | -0.091 |  | -0.134 |  | -0.048 |  | 0.011 |  | -8.010 |  | -1.462 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.006 |  | -0.021 |  | 0.033 |  | 0.007 |  | 0.759 |  | 0.139 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.137 |  | -0.180 |  | -0.094 |  | 0.011 |  | -12.053 |  | -2.200 |  | < .001 |  |
| Prec,Estimate |  | V1,Chance |  | 0.199 |  | 0.156 |  | 0.242 |  | 0.011 |  | 17.439 |  | 3.184 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.104 |  | 0.077 |  | 0.131 |  | 0.007 |  | 13.996 |  | 2.555 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.201 |  | 0.158 |  | 0.244 |  | 0.011 |  | 17.662 |  | 3.225 |  | < .001 |  |
|  |  | aPFC,Estimate |  | 0.058 |  | 0.031 |  | 0.085 |  | 0.007 |  | 7.817 |  | 1.427 |  | < .001 |  |
| V1,Chance |  | V1,Estimate |  | -0.094 |  | -0.137 |  | -0.052 |  | 0.011 |  | -8.402 |  | -1.534 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.003 |  | -0.024 |  | 0.030 |  | 0.007 |  | 0.341 |  | 0.062 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.140 |  | -0.183 |  | -0.097 |  | 0.011 |  | -12.326 |  | -2.250 |  | < .001 |  |
| V1,Estimate |  | aPFC,Chance |  | 0.097 |  | 0.054 |  | 0.140 |  | 0.011 |  | 8.507 |  | 1.553 |  | < .001 |  |
|  |  | aPFC,Estimate |  | -0.046 |  | -0.073 |  | -0.019 |  | 0.007 |  | -6.179 |  | -1.128 |  | < .001 |  |
| aPFC,Chance |  | aPFC,Estimate |  | -0.143 |  | -0.185 |  | -0.100 |  | 0.011 |  | -12.728 |  | -2.324 |  | < .001 |  |
|  | | | | | | | | | | | | | | | | | |
| *Note.*  Cohen's d does not correct for multiple comparisons. | | | | | | | | | | | | | | | | | |
| *Note.*  Bonferroni adjusted confidence intervals. | | | | | | | | | | | | | | | | | |

**Descriptives**

| **Descriptives** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ROI** | | **Condition** | | **Mean** | | **SD** | | **N** | |
| LTL |  | Estimate |  | 0.729 |  | 0.070 |  | 30 |  |
|  |  | Chance |  | 0.544 |  | 0.034 |  | 30 |  |
| IFG |  | Estimate |  | 0.701 |  | 0.051 |  | 30 |  |
|  |  | Chance |  | 0.537 |  | 0.029 |  | 30 |  |
| Prec |  | Estimate |  | 0.733 |  | 0.051 |  | 30 |  |
|  |  | Chance |  | 0.538 |  | 0.032 |  | 30 |  |
| ATL |  | Estimate |  | 0.637 |  | 0.053 |  | 30 |  |
|  |  | Chance |  | 0.526 |  | 0.030 |  | 30 |  |
| aPFC |  | Estimate |  | 0.675 |  | 0.073 |  | 30 |  |
|  |  | Chance |  | 0.532 |  | 0.032 |  | 30 |  |
| Ins |  | Estimate |  | 0.717 |  | 0.043 |  | 30 |  |
|  |  | Chance |  | 0.543 |  | 0.029 |  | 30 |  |
| ACC |  | Estimate |  | 0.722 |  | 0.059 |  | 30 |  |
|  |  | Chance |  | 0.538 |  | 0.023 |  | 30 |  |
| PCC |  | Estimate |  | 0.682 |  | 0.046 |  | 30 |  |
|  |  | Chance |  | 0.538 |  | 0.032 |  | 30 |  |
| V1 |  | Estimate |  | 0.629 |  | 0.043 |  | 30 |  |
|  |  | Chance |  | 0.534 |  | 0.033 |  | 30 |  |
|  | | | | | | | | | |

**Descriptives Plot**

A close up of a wire fence

Description automatically generated