**Results**

**Repeated Measures ANOVA**

| **Within Subjects Effects** | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Sphericity Correction** | | **Sum of Squares** | | **df** | | **Mean Square** | | **F** | | **p** | | **η² p** | | **ω²** | |
| ROI |  | Greenhouse-Geisser |  | 0.095 |  | 5.474 |  | 0.017 |  | 24.114 |  | < .001 |  | 0.454 |  | 0.224 |  |
| Residual |  | Greenhouse-Geisser |  | 0.114 |  | 158.750 |  | 7.196e -4 |  |  |  |  |  |  |  |  |  |
| Condition |  | Greenhouse-Geisser |  | 2.331 |  | 1.000 |  | 2.331 |  | 273.462 |  | < .001 |  | 0.904 |  | 0.837 |  |
| Residual |  | Greenhouse-Geisser |  | 0.247 |  | 29.000 |  | 0.009 |  |  |  |  |  |  |  |  |  |
| ROI ✻ Condition |  | Greenhouse-Geisser |  | 0.096 | ᵃ | 4.569 | ᵃ | 0.021 | ᵃ | 20.719 | ᵃ | < .001 | ᵃ | 0.417 |  | 0.213 |  |
| Residual |  | Greenhouse-Geisser |  | 0.134 |  | 132.504 |  | 0.001 |  |  |  |  |  |  |  |  |  |
|  | | | | | | | | | | | | | | | | | |
| *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 |  | 0.191 |  | 29 |  | 0.007 |  |  |  |  |  |  |  |  |  |
|  | | | | | | | | | | | | | | | |
| *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 |  | -0.144 |  | -0.181 |  | -0.106 |  | 0.010 |  | -14.555 |  | -2.657 |  | < .001 |  |
|  |  | ATL,Chance |  | 5.039e -4 |  | -0.021 |  | 0.022 |  | 0.006 |  | 0.084 |  | 0.015 |  | 1.000 |  |
|  |  | ATL,Estimate |  | -0.107 |  | -0.144 |  | -0.070 |  | 0.010 |  | -11.049 |  | -2.017 |  | < .001 |  |
|  |  | IFG,Chance |  | 0.002 |  | -0.020 |  | 0.023 |  | 0.006 |  | 0.294 |  | 0.054 |  | 1.000 |  |
|  |  | IFG,Estimate |  | -0.152 |  | -0.188 |  | -0.115 |  | 0.010 |  | -15.585 |  | -2.845 |  | < .001 |  |
|  |  | Ins,Chance |  | -0.008 |  | -0.029 |  | 0.014 |  | 0.006 |  | -1.291 |  | -0.236 |  | 1.000 |  |
|  |  | Ins,Estimate |  | -0.129 |  | -0.166 |  | -0.092 |  | 0.010 |  | -13.241 |  | -2.417 |  | < .001 |  |
|  |  | LTL,Chance |  | -0.006 |  | -0.027 |  | 0.016 |  | 0.006 |  | -0.979 |  | -0.179 |  | 1.000 |  |
|  |  | LTL,Estimate |  | -0.182 |  | -0.219 |  | -0.145 |  | 0.010 |  | -18.690 |  | -3.412 |  | < .001 |  |
|  |  | PCC,Chance |  | 4.932e -4 |  | -0.021 |  | 0.022 |  | 0.006 |  | 0.083 |  | 0.015 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.118 |  | -0.155 |  | -0.081 |  | 0.010 |  | -12.151 |  | -2.219 |  | < .001 |  |
|  |  | Prec,Chance |  | -0.002 |  | -0.023 |  | 0.020 |  | 0.006 |  | -0.317 |  | -0.058 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.152 |  | -0.189 |  | -0.115 |  | 0.010 |  | -15.668 |  | -2.861 |  | < .001 |  |
|  |  | V1,Chance |  | -0.006 |  | -0.028 |  | 0.016 |  | 0.006 |  | -1.002 |  | -0.183 |  | 1.000 |  |
|  |  | V1,Estimate |  | -0.087 |  | -0.123 |  | -0.050 |  | 0.010 |  | -8.905 |  | -1.626 |  | < .001 |  |
|  |  | aPFC,Chance |  | 4.965e -4 |  | -0.021 |  | 0.022 |  | 0.006 |  | 0.083 |  | 0.015 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.131 |  | -0.168 |  | -0.094 |  | 0.010 |  | -13.473 |  | -2.460 |  | < .001 |  |
| ACC,Estimate |  | ATL,Chance |  | 0.144 |  | 0.107 |  | 0.181 |  | 0.010 |  | 14.821 |  | 2.706 |  | < .001 |  |
|  |  | ATL,Estimate |  | 0.036 |  | 0.015 |  | 0.058 |  | 0.006 |  | 6.058 |  | 1.106 |  | < .001 |  |
|  |  | IFG,Chance |  | 0.145 |  | 0.108 |  | 0.182 |  | 0.010 |  | 14.949 |  | 2.729 |  | < .001 |  |
|  |  | IFG,Estimate |  | -0.008 |  | -0.030 |  | 0.014 |  | 0.006 |  | -1.329 |  | -0.243 |  | 1.000 |  |
|  |  | Ins,Chance |  | 0.136 |  | 0.099 |  | 0.173 |  | 0.010 |  | 13.976 |  | 2.552 |  | < .001 |  |
|  |  | Ins,Estimate |  | 0.015 |  | -0.007 |  | 0.036 |  | 0.006 |  | 2.489 |  | 0.454 |  | 1.000 |  |
|  |  | LTL,Chance |  | 0.138 |  | 0.101 |  | 0.175 |  | 0.010 |  | 14.167 |  | 2.587 |  | < .001 |  |
|  |  | LTL,Estimate |  | -0.038 |  | -0.060 |  | -0.017 |  | 0.006 |  | -6.386 |  | -1.166 |  | < .001 |  |
|  |  | PCC,Chance |  | 0.144 |  | 0.107 |  | 0.181 |  | 0.010 |  | 14.820 |  | 2.706 |  | < .001 |  |
|  |  | PCC,Estimate |  | 0.025 |  | 0.004 |  | 0.047 |  | 0.006 |  | 4.263 |  | 0.778 |  | 0.004 |  |
|  |  | Prec,Chance |  | 0.142 |  | 0.105 |  | 0.179 |  | 0.010 |  | 14.574 |  | 2.661 |  | < .001 |  |
|  |  | Prec,Estimate |  | -0.009 |  | -0.030 |  | 0.013 |  | 0.006 |  | -1.464 |  | -0.267 |  | 1.000 |  |
|  |  | V1,Chance |  | 0.138 |  | 0.101 |  | 0.175 |  | 0.010 |  | 14.153 |  | 2.584 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.057 |  | 0.035 |  | 0.079 |  | 0.006 |  | 9.551 |  | 1.744 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.144 |  | 0.107 |  | 0.181 |  | 0.010 |  | 14.820 |  | 2.706 |  | < .001 |  |
|  |  | aPFC,Estimate |  | 0.013 |  | -0.009 |  | 0.034 |  | 0.006 |  | 2.111 |  | 0.385 |  | 1.000 |  |
| ATL,Chance |  | ATL,Estimate |  | -0.108 |  | -0.145 |  | -0.071 |  | 0.010 |  | -10.940 |  | -1.997 |  | < .001 |  |
|  |  | IFG,Chance |  | 0.001 |  | -0.020 |  | 0.023 |  | 0.006 |  | 0.210 |  | 0.038 |  | 1.000 |  |
|  |  | IFG,Estimate |  | -0.152 |  | -0.189 |  | -0.115 |  | 0.010 |  | -15.637 |  | -2.855 |  | < .001 |  |
|  |  | Ins,Chance |  | -0.008 |  | -0.030 |  | 0.013 |  | 0.006 |  | -1.375 |  | -0.251 |  | 1.000 |  |
|  |  | Ins,Estimate |  | -0.129 |  | -0.166 |  | -0.092 |  | 0.010 |  | -13.293 |  | -2.427 |  | < .001 |  |
|  |  | LTL,Chance |  | -0.006 |  | -0.028 |  | 0.015 |  | 0.006 |  | -1.064 |  | -0.194 |  | 1.000 |  |
|  |  | LTL,Estimate |  | -0.182 |  | -0.219 |  | -0.145 |  | 0.010 |  | -18.742 |  | -3.422 |  | < .001 |  |
|  |  | PCC,Chance |  | -1.070e -5 |  | -0.022 |  | 0.022 |  | 0.006 |  | -0.002 |  | -3.274e -4 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.119 |  | -0.156 |  | -0.082 |  | 0.010 |  | -12.203 |  | -2.228 |  | < .001 |  |
|  |  | Prec,Chance |  | -0.002 |  | -0.024 |  | 0.019 |  | 0.006 |  | -0.401 |  | -0.073 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.153 |  | -0.190 |  | -0.116 |  | 0.010 |  | -15.720 |  | -2.870 |  | < .001 |  |
|  |  | V1,Chance |  | -0.006 |  | -0.028 |  | 0.015 |  | 0.006 |  | -1.087 |  | -0.198 |  | 1.000 |  |
|  |  | V1,Estimate |  | -0.087 |  | -0.124 |  | -0.050 |  | 0.010 |  | -8.957 |  | -1.635 |  | < .001 |  |
|  |  | aPFC,Chance |  | -7.408e -6 |  | -0.022 |  | 0.022 |  | 0.006 |  | -0.001 |  | -2.266e -4 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.131 |  | -0.168 |  | -0.095 |  | 0.010 |  | -13.525 |  | -2.469 |  | < .001 |  |
| ATL,Estimate |  | IFG,Chance |  | 0.109 |  | 0.072 |  | 0.146 |  | 0.010 |  | 11.230 |  | 2.050 |  | < .001 |  |
|  |  | IFG,Estimate |  | -0.044 |  | -0.066 |  | -0.022 |  | 0.006 |  | -7.388 |  | -1.349 |  | < .001 |  |
|  |  | Ins,Chance |  | 0.100 |  | 0.063 |  | 0.137 |  | 0.010 |  | 10.257 |  | 1.873 |  | < .001 |  |
|  |  | Ins,Estimate |  | -0.021 |  | -0.043 |  | 3.010e -4 |  | 0.006 |  | -3.570 |  | -0.652 |  | 0.060 |  |
|  |  | LTL,Chance |  | 0.102 |  | 0.065 |  | 0.138 |  | 0.010 |  | 10.448 |  | 1.908 |  | < .001 |  |
|  |  | LTL,Estimate |  | -0.074 |  | -0.096 |  | -0.053 |  | 0.006 |  | -12.445 |  | -2.272 |  | < .001 |  |
|  |  | PCC,Chance |  | 0.108 |  | 0.071 |  | 0.145 |  | 0.010 |  | 11.100 |  | 2.027 |  | < .001 |  |
|  |  | PCC,Estimate |  | -0.011 |  | -0.032 |  | 0.011 |  | 0.006 |  | -1.795 |  | -0.328 |  | 1.000 |  |
|  |  | Prec,Chance |  | 0.106 |  | 0.069 |  | 0.142 |  | 0.010 |  | 10.855 |  | 1.982 |  | < .001 |  |
|  |  | Prec,Estimate |  | -0.045 |  | -0.067 |  | -0.023 |  | 0.006 |  | -7.523 |  | -1.373 |  | < .001 |  |
|  |  | V1,Chance |  | 0.101 |  | 0.065 |  | 0.138 |  | 0.010 |  | 10.434 |  | 1.905 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.021 |  | -7.635e -4 |  | 0.042 |  | 0.006 |  | 3.492 |  | 0.638 |  | 0.080 |  |
|  |  | aPFC,Chance |  | 0.108 |  | 0.071 |  | 0.145 |  | 0.010 |  | 11.100 |  | 2.027 |  | < .001 |  |
|  |  | aPFC,Estimate |  | -0.024 |  | -0.045 |  | -0.002 |  | 0.006 |  | -3.948 |  | -0.721 |  | 0.014 |  |
| IFG,Chance |  | IFG,Estimate |  | -0.153 |  | -0.191 |  | -0.116 |  | 0.010 |  | -15.537 |  | -2.837 |  | < .001 |  |
|  |  | Ins,Chance |  | -0.009 |  | -0.031 |  | 0.012 |  | 0.006 |  | -1.585 |  | -0.289 |  | 1.000 |  |
|  |  | Ins,Estimate |  | -0.130 |  | -0.167 |  | -0.094 |  | 0.010 |  | -13.421 |  | -2.450 |  | < .001 |  |
|  |  | LTL,Chance |  | -0.008 |  | -0.029 |  | 0.014 |  | 0.006 |  | -1.273 |  | -0.232 |  | 1.000 |  |
|  |  | LTL,Estimate |  | -0.183 |  | -0.220 |  | -0.147 |  | 0.010 |  | -18.870 |  | -3.445 |  | < .001 |  |
|  |  | PCC,Chance |  | -0.001 |  | -0.023 |  | 0.020 |  | 0.006 |  | -0.211 |  | -0.039 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.120 |  | -0.157 |  | -0.083 |  | 0.010 |  | -12.332 |  | -2.251 |  | < .001 |  |
|  |  | Prec,Chance |  | -0.004 |  | -0.025 |  | 0.018 |  | 0.006 |  | -0.611 |  | -0.112 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.154 |  | -0.191 |  | -0.117 |  | 0.010 |  | -15.848 |  | -2.893 |  | < .001 |  |
|  |  | V1,Chance |  | -0.008 |  | -0.029 |  | 0.014 |  | 0.006 |  | -1.296 |  | -0.237 |  | 1.000 |  |
|  |  | V1,Estimate |  | -0.088 |  | -0.125 |  | -0.051 |  | 0.010 |  | -9.085 |  | -1.659 |  | < .001 |  |
|  |  | aPFC,Chance |  | -0.001 |  | -0.023 |  | 0.020 |  | 0.006 |  | -0.211 |  | -0.038 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.133 |  | -0.170 |  | -0.096 |  | 0.010 |  | -13.654 |  | -2.493 |  | < .001 |  |
| IFG,Estimate |  | Ins,Chance |  | 0.144 |  | 0.107 |  | 0.181 |  | 0.010 |  | 14.793 |  | 2.701 |  | < .001 |  |
|  |  | Ins,Estimate |  | 0.023 |  | 0.001 |  | 0.044 |  | 0.006 |  | 3.818 |  | 0.697 |  | 0.023 |  |
|  |  | LTL,Chance |  | 0.146 |  | 0.109 |  | 0.183 |  | 0.010 |  | 14.984 |  | 2.736 |  | < .001 |  |
|  |  | LTL,Estimate |  | -0.030 |  | -0.052 |  | -0.009 |  | 0.006 |  | -5.057 |  | -0.923 |  | < .001 |  |
|  |  | PCC,Chance |  | 0.152 |  | 0.115 |  | 0.189 |  | 0.010 |  | 15.636 |  | 2.855 |  | < .001 |  |
|  |  | PCC,Estimate |  | 0.033 |  | 0.012 |  | 0.055 |  | 0.006 |  | 5.593 |  | 1.021 |  | < .001 |  |
|  |  | Prec,Chance |  | 0.150 |  | 0.113 |  | 0.187 |  | 0.010 |  | 15.390 |  | 2.810 |  | < .001 |  |
|  |  | Prec,Estimate |  | -8.036e -4 |  | -0.022 |  | 0.021 |  | 0.006 |  | -0.135 |  | -0.025 |  | 1.000 |  |
|  |  | V1,Chance |  | 0.146 |  | 0.109 |  | 0.182 |  | 0.010 |  | 14.970 |  | 2.733 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.065 |  | 0.043 |  | 0.087 |  | 0.006 |  | 10.880 |  | 1.986 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.152 |  | 0.115 |  | 0.189 |  | 0.010 |  | 15.636 |  | 2.855 |  | < .001 |  |
|  |  | aPFC,Estimate |  | 0.021 |  | -0.001 |  | 0.042 |  | 0.006 |  | 3.440 |  | 0.628 |  | 0.097 |  |
| Ins,Chance |  | Ins,Estimate |  | -0.121 |  | -0.158 |  | -0.084 |  | 0.010 |  | -12.269 |  | -2.240 |  | < .001 |  |
|  |  | LTL,Chance |  | 0.002 |  | -0.020 |  | 0.023 |  | 0.006 |  | 0.311 |  | 0.057 |  | 1.000 |  |
|  |  | LTL,Estimate |  | -0.174 |  | -0.211 |  | -0.137 |  | 0.010 |  | -17.897 |  | -3.268 |  | < .001 |  |
|  |  | PCC,Chance |  | 0.008 |  | -0.013 |  | 0.030 |  | 0.006 |  | 1.373 |  | 0.251 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.110 |  | -0.147 |  | -0.073 |  | 0.010 |  | -11.359 |  | -2.074 |  | < .001 |  |
|  |  | Prec,Chance |  | 0.006 |  | -0.016 |  | 0.027 |  | 0.006 |  | 0.974 |  | 0.178 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.145 |  | -0.182 |  | -0.108 |  | 0.010 |  | -14.875 |  | -2.716 |  | < .001 |  |
|  |  | V1,Chance |  | 0.002 |  | -0.020 |  | 0.023 |  | 0.006 |  | 0.288 |  | 0.053 |  | 1.000 |  |
|  |  | V1,Estimate |  | -0.079 |  | -0.116 |  | -0.042 |  | 0.010 |  | -8.113 |  | -1.481 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.008 |  | -0.013 |  | 0.030 |  | 0.006 |  | 1.374 |  | 0.251 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.123 |  | -0.160 |  | -0.086 |  | 0.010 |  | -12.681 |  | -2.315 |  | < .001 |  |
| Ins,Estimate |  | LTL,Chance |  | 0.123 |  | 0.086 |  | 0.160 |  | 0.010 |  | 12.640 |  | 2.308 |  | < .001 |  |
|  |  | LTL,Estimate |  | -0.053 |  | -0.075 |  | -0.031 |  | 0.006 |  | -8.875 |  | -1.620 |  | < .001 |  |
|  |  | PCC,Chance |  | 0.129 |  | 0.092 |  | 0.166 |  | 0.010 |  | 13.292 |  | 2.427 |  | < .001 |  |
|  |  | PCC,Estimate |  | 0.011 |  | -0.011 |  | 0.032 |  | 0.006 |  | 1.775 |  | 0.324 |  | 1.000 |  |
|  |  | Prec,Chance |  | 0.127 |  | 0.090 |  | 0.164 |  | 0.010 |  | 13.046 |  | 2.382 |  | < .001 |  |
|  |  | Prec,Estimate |  | -0.024 |  | -0.045 |  | -0.002 |  | 0.006 |  | -3.953 |  | -0.722 |  | 0.014 |  |
|  |  | V1,Chance |  | 0.123 |  | 0.086 |  | 0.160 |  | 0.010 |  | 12.626 |  | 2.305 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.042 |  | 0.021 |  | 0.064 |  | 0.006 |  | 7.062 |  | 1.289 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.129 |  | 0.092 |  | 0.166 |  | 0.010 |  | 13.292 |  | 2.427 |  | < .001 |  |
|  |  | aPFC,Estimate |  | -0.002 |  | -0.024 |  | 0.019 |  | 0.006 |  | -0.378 |  | -0.069 |  | 1.000 |  |
| LTL,Chance |  | LTL,Estimate |  | -0.176 |  | -0.213 |  | -0.138 |  | 0.010 |  | -17.827 |  | -3.255 |  | < .001 |  |
|  |  | PCC,Chance |  | 0.006 |  | -0.015 |  | 0.028 |  | 0.006 |  | 1.062 |  | 0.194 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.112 |  | -0.149 |  | -0.075 |  | 0.010 |  | -11.550 |  | -2.109 |  | < .001 |  |
|  |  | Prec,Chance |  | 0.004 |  | -0.018 |  | 0.026 |  | 0.006 |  | 0.662 |  | 0.121 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.146 |  | -0.183 |  | -0.110 |  | 0.010 |  | -15.066 |  | -2.751 |  | < .001 |  |
|  |  | V1,Chance |  | -1.373e -4 |  | -0.022 |  | 0.021 |  | 0.006 |  | -0.023 |  | -0.004 |  | 1.000 |  |
|  |  | V1,Estimate |  | -0.081 |  | -0.118 |  | -0.044 |  | 0.010 |  | -8.304 |  | -1.516 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.006 |  | -0.015 |  | 0.028 |  | 0.006 |  | 1.063 |  | 0.194 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.125 |  | -0.162 |  | -0.088 |  | 0.010 |  | -12.872 |  | -2.350 |  | < .001 |  |
| LTL,Estimate |  | PCC,Chance |  | 0.182 |  | 0.145 |  | 0.219 |  | 0.010 |  | 18.741 |  | 3.422 |  | < .001 |  |
|  |  | PCC,Estimate |  | 0.064 |  | 0.042 |  | 0.085 |  | 0.006 |  | 10.650 |  | 1.944 |  | < .001 |  |
|  |  | Prec,Chance |  | 0.180 |  | 0.143 |  | 0.217 |  | 0.010 |  | 18.495 |  | 3.377 |  | < .001 |  |
|  |  | Prec,Estimate |  | 0.029 |  | 0.008 |  | 0.051 |  | 0.006 |  | 4.922 |  | 0.899 |  | < .001 |  |
|  |  | V1,Chance |  | 0.176 |  | 0.139 |  | 0.213 |  | 0.010 |  | 18.074 |  | 3.300 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.095 |  | 0.074 |  | 0.117 |  | 0.006 |  | 15.937 |  | 2.910 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.182 |  | 0.145 |  | 0.219 |  | 0.010 |  | 18.741 |  | 3.422 |  | < .001 |  |
|  |  | aPFC,Estimate |  | 0.051 |  | 0.029 |  | 0.072 |  | 0.006 |  | 8.497 |  | 1.551 |  | < .001 |  |
| PCC,Chance |  | PCC,Estimate |  | -0.119 |  | -0.156 |  | -0.081 |  | 0.010 |  | -12.026 |  | -2.196 |  | < .001 |  |
|  |  | Prec,Chance |  | -0.002 |  | -0.024 |  | 0.019 |  | 0.006 |  | -0.400 |  | -0.073 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.153 |  | -0.190 |  | -0.116 |  | 0.010 |  | -15.718 |  | -2.870 |  | < .001 |  |
|  |  | V1,Chance |  | -0.006 |  | -0.028 |  | 0.015 |  | 0.006 |  | -1.085 |  | -0.198 |  | 1.000 |  |
|  |  | V1,Estimate |  | -0.087 |  | -0.124 |  | -0.050 |  | 0.010 |  | -8.956 |  | -1.635 |  | < .001 |  |
|  |  | aPFC,Chance |  | 3.295e -6 |  | -0.022 |  | 0.022 |  | 0.006 |  | 5.521e -4 |  | 1.008e -4 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.131 |  | -0.168 |  | -0.095 |  | 0.010 |  | -13.524 |  | -2.469 |  | < .001 |  |
| PCC,Estimate |  | Prec,Chance |  | 0.116 |  | 0.079 |  | 0.153 |  | 0.010 |  | 11.957 |  | 2.183 |  | < .001 |  |
|  |  | Prec,Estimate |  | -0.034 |  | -0.056 |  | -0.013 |  | 0.006 |  | -5.727 |  | -1.046 |  | < .001 |  |
|  |  | V1,Chance |  | 0.112 |  | 0.075 |  | 0.149 |  | 0.010 |  | 11.536 |  | 2.106 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.032 |  | 0.010 |  | 0.053 |  | 0.006 |  | 5.288 |  | 0.965 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.119 |  | 0.082 |  | 0.156 |  | 0.010 |  | 12.202 |  | 2.228 |  | < .001 |  |
|  |  | aPFC,Estimate |  | -0.013 |  | -0.034 |  | 0.009 |  | 0.006 |  | -2.153 |  | -0.393 |  | 1.000 |  |
| Prec,Chance |  | Prec,Estimate |  | -0.150 |  | -0.188 |  | -0.113 |  | 0.010 |  | -15.249 |  | -2.784 |  | < .001 |  |
|  |  | V1,Chance |  | -0.004 |  | -0.026 |  | 0.018 |  | 0.006 |  | -0.685 |  | -0.125 |  | 1.000 |  |
|  |  | V1,Estimate |  | -0.085 |  | -0.122 |  | -0.048 |  | 0.010 |  | -8.710 |  | -1.590 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.002 |  | -0.019 |  | 0.024 |  | 0.006 |  | 0.400 |  | 0.073 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.129 |  | -0.166 |  | -0.092 |  | 0.010 |  | -13.278 |  | -2.424 |  | < .001 |  |
| Prec,Estimate |  | V1,Chance |  | 0.146 |  | 0.109 |  | 0.183 |  | 0.010 |  | 15.052 |  | 2.748 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.066 |  | 0.044 |  | 0.087 |  | 0.006 |  | 11.015 |  | 2.011 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.153 |  | 0.116 |  | 0.190 |  | 0.010 |  | 15.719 |  | 2.870 |  | < .001 |  |
|  |  | aPFC,Estimate |  | 0.021 |  | -2.730e -4 |  | 0.043 |  | 0.006 |  | 3.575 |  | 0.653 |  | 0.059 |  |
| V1,Chance |  | V1,Estimate |  | -0.081 |  | -0.118 |  | -0.043 |  | 0.010 |  | -8.170 |  | -1.492 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.006 |  | -0.015 |  | 0.028 |  | 0.006 |  | 1.086 |  | 0.198 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.125 |  | -0.162 |  | -0.088 |  | 0.010 |  | -12.858 |  | -2.347 |  | < .001 |  |
| V1,Estimate |  | aPFC,Chance |  | 0.087 |  | 0.050 |  | 0.124 |  | 0.010 |  | 8.956 |  | 1.635 |  | < .001 |  |
|  |  | aPFC,Estimate |  | -0.044 |  | -0.066 |  | -0.023 |  | 0.006 |  | -7.440 |  | -1.358 |  | < .001 |  |
| aPFC,Chance |  | aPFC,Estimate |  | -0.131 |  | -0.169 |  | -0.094 |  | 0.010 |  | -13.328 |  | -2.433 |  | < .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 |  | 0.466 |  | 0.067 |  | 30 |  |
|  |  | Chance |  | 0.290 |  | 0.021 |  | 30 |  |
| IFG |  | Estimate |  | 0.436 |  | 0.051 |  | 30 |  |
|  |  | Chance |  | 0.282 |  | 0.017 |  | 30 |  |
| Prec |  | Estimate |  | 0.436 |  | 0.049 |  | 30 |  |
|  |  | Chance |  | 0.286 |  | 0.019 |  | 30 |  |
| ATL |  | Estimate |  | 0.392 |  | 0.039 |  | 30 |  |
|  |  | Chance |  | 0.284 |  | 0.018 |  | 30 |  |
| aPFC |  | Estimate |  | 0.415 |  | 0.059 |  | 30 |  |
|  |  | Chance |  | 0.284 |  | 0.019 |  | 30 |  |
| Ins |  | Estimate |  | 0.413 |  | 0.034 |  | 30 |  |
|  |  | Chance |  | 0.292 |  | 0.023 |  | 30 |  |
| ACC |  | Estimate |  | 0.428 |  | 0.052 |  | 30 |  |
|  |  | Chance |  | 0.284 |  | 0.021 |  | 30 |  |
| PCC |  | Estimate |  | 0.402 |  | 0.030 |  | 30 |  |
|  |  | Chance |  | 0.284 |  | 0.024 |  | 30 |  |
| V1 |  | Estimate |  | 0.371 |  | 0.030 |  | 30 |  |
|  |  | Chance |  | 0.290 |  | 0.017 |  | 30 |  |
|  | | | | | | | | | |

**Descriptives Plot**

A picture containing sky, wire

Description automatically generated