**Results**

**Repeated Measures ANOVA**

| **Within Subjects Effects** | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Sphericity Correction** | | **Sum of Squares** | | **df** | | **Mean Square** | | **F** | | **p** | | **η² p** | | **ω²** | |
| ROI |  | Greenhouse-Geisser |  | 0.029 |  | 5.954 |  | 0.005 |  | 4.997 |  | < .001 |  | 0.147 |  | 0.060 |  |
| Residual |  | Greenhouse-Geisser |  | 0.166 |  | 172.665 |  | 9.638e -4 |  |  |  |  |  |  |  |  |  |
| Condition |  | Greenhouse-Geisser |  | 2.307 |  | 1.000 |  | 2.307 |  | 373.314 |  | < .001 |  | 0.928 |  | 0.860 |  |
| Residual |  | Greenhouse-Geisser |  | 0.179 |  | 29.000 |  | 0.006 |  |  |  |  |  |  |  |  |  |
| ROI ✻ Condition |  | Greenhouse-Geisser |  | 0.036 |  | 5.938 |  | 0.006 |  | 6.492 |  | < .001 |  | 0.183 |  | 0.079 |  |
| Residual |  | Greenhouse-Geisser |  | 0.159 |  | 172.195 |  | 9.258e -4 |  |  |  |  |  |  |  |  |  |
|  | | | | | | | | | | | | | | | | | |
| *Note.*  Type III Sum of Squares | | | | | | | | | | | | | | | | | |

| **Between Subjects Effects** | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Sum of Squares** | | **df** | | **Mean Square** | | **F** | | **p** | | **η² p** | | **ω²** | |
| Residual |  | 0.183 |  | 29 |  | 0.006 |  |  |  |  |  |  |  |  |  |
|  | | | | | | | | | | | | | | | |
| *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 |  | -0.141 |  | -0.175 |  | -0.106 |  | 0.009 |  | -15.124 |  | -2.761 |  | < .001 |  |
|  |  | ATL,Chance |  | 0.002 |  | -0.023 |  | 0.027 |  | 0.007 |  | 0.306 |  | 0.056 |  | 1.000 |  |
|  |  | ATL,Estimate |  | -0.127 |  | -0.162 |  | -0.092 |  | 0.009 |  | -13.588 |  | -2.481 |  | < .001 |  |
|  |  | IFG,Chance |  | -1.965e -6 |  | -0.025 |  | 0.025 |  | 0.007 |  | -2.872e -4 |  | -5.244e -5 |  | 1.000 |  |
|  |  | IFG,Estimate |  | -0.139 |  | -0.174 |  | -0.105 |  | 0.009 |  | -14.895 |  | -2.720 |  | < .001 |  |
|  |  | Ins,Chance |  | -0.007 |  | -0.032 |  | 0.018 |  | 0.007 |  | -1.052 |  | -0.192 |  | 1.000 |  |
|  |  | Ins,Estimate |  | -0.127 |  | -0.162 |  | -0.092 |  | 0.009 |  | -13.550 |  | -2.474 |  | < .001 |  |
|  |  | LTL,Chance |  | -0.006 |  | -0.031 |  | 0.018 |  | 0.007 |  | -0.918 |  | -0.168 |  | 1.000 |  |
|  |  | LTL,Estimate |  | -0.157 |  | -0.191 |  | -0.122 |  | 0.009 |  | -16.737 |  | -3.056 |  | < .001 |  |
|  |  | PCC,Chance |  | 4.057e -4 |  | -0.024 |  | 0.025 |  | 0.007 |  | 0.059 |  | 0.011 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.132 |  | -0.167 |  | -0.097 |  | 0.009 |  | -14.134 |  | -2.581 |  | < .001 |  |
|  |  | Prec,Chance |  | -0.002 |  | -0.027 |  | 0.023 |  | 0.007 |  | -0.287 |  | -0.052 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.147 |  | -0.182 |  | -0.112 |  | 0.009 |  | -15.740 |  | -2.874 |  | < .001 |  |
|  |  | V1,Chance |  | -0.008 |  | -0.033 |  | 0.017 |  | 0.007 |  | -1.186 |  | -0.217 |  | 1.000 |  |
|  |  | V1,Estimate |  | -0.101 |  | -0.135 |  | -0.066 |  | 0.009 |  | -10.745 |  | -1.962 |  | < .001 |  |
|  |  | aPFC,Chance |  | 5.059e -4 |  | -0.024 |  | 0.025 |  | 0.007 |  | 0.074 |  | 0.014 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.127 |  | -0.161 |  | -0.092 |  | 0.009 |  | -13.540 |  | -2.472 |  | < .001 |  |
| ACC,Estimate |  | ATL,Chance |  | 0.143 |  | 0.108 |  | 0.178 |  | 0.009 |  | 15.260 |  | 2.786 |  | < .001 |  |
|  |  | ATL,Estimate |  | 0.014 |  | -0.011 |  | 0.038 |  | 0.007 |  | 1.980 |  | 0.361 |  | 1.000 |  |
|  |  | IFG,Chance |  | 0.141 |  | 0.106 |  | 0.175 |  | 0.009 |  | 15.036 |  | 2.745 |  | < .001 |  |
|  |  | IFG,Estimate |  | 0.001 |  | -0.023 |  | 0.026 |  | 0.007 |  | 0.193 |  | 0.035 |  | 1.000 |  |
|  |  | Ins,Chance |  | 0.133 |  | 0.099 |  | 0.168 |  | 0.009 |  | 14.266 |  | 2.605 |  | < .001 |  |
|  |  | Ins,Estimate |  | 0.014 |  | -0.011 |  | 0.039 |  | 0.007 |  | 2.032 |  | 0.371 |  | 1.000 |  |
|  |  | LTL,Chance |  | 0.134 |  | 0.100 |  | 0.169 |  | 0.009 |  | 14.365 |  | 2.623 |  | < .001 |  |
|  |  | LTL,Estimate |  | -0.016 |  | -0.041 |  | 0.009 |  | 0.007 |  | -2.325 |  | -0.425 |  | 1.000 |  |
|  |  | PCC,Chance |  | 0.141 |  | 0.106 |  | 0.176 |  | 0.009 |  | 15.080 |  | 2.753 |  | < .001 |  |
|  |  | PCC,Estimate |  | 0.008 |  | -0.016 |  | 0.033 |  | 0.007 |  | 1.233 |  | 0.225 |  | 1.000 |  |
|  |  | Prec,Chance |  | 0.139 |  | 0.104 |  | 0.173 |  | 0.009 |  | 14.826 |  | 2.707 |  | < .001 |  |
|  |  | Prec,Estimate |  | -0.007 |  | -0.031 |  | 0.018 |  | 0.007 |  | -0.962 |  | -0.176 |  | 1.000 |  |
|  |  | V1,Chance |  | 0.133 |  | 0.098 |  | 0.167 |  | 0.009 |  | 14.168 |  | 2.587 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.040 |  | 0.015 |  | 0.065 |  | 0.007 |  | 5.866 |  | 1.071 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.141 |  | 0.106 |  | 0.176 |  | 0.009 |  | 15.090 |  | 2.755 |  | < .001 |  |
|  |  | aPFC,Estimate |  | 0.014 |  | -0.011 |  | 0.039 |  | 0.007 |  | 2.045 |  | 0.373 |  | 1.000 |  |
| ATL,Chance |  | ATL,Estimate |  | -0.129 |  | -0.164 |  | -0.095 |  | 0.009 |  | -13.892 |  | -2.536 |  | < .001 |  |
|  |  | IFG,Chance |  | -0.002 |  | -0.027 |  | 0.023 |  | 0.007 |  | -0.306 |  | -0.056 |  | 1.000 |  |
|  |  | IFG,Estimate |  | -0.141 |  | -0.176 |  | -0.107 |  | 0.009 |  | -15.119 |  | -2.760 |  | < .001 |  |
|  |  | Ins,Chance |  | -0.009 |  | -0.034 |  | 0.015 |  | 0.007 |  | -1.358 |  | -0.248 |  | 1.000 |  |
|  |  | Ins,Estimate |  | -0.129 |  | -0.164 |  | -0.094 |  | 0.009 |  | -13.774 |  | -2.515 |  | < .001 |  |
|  |  | LTL,Chance |  | -0.008 |  | -0.033 |  | 0.016 |  | 0.007 |  | -1.224 |  | -0.223 |  | 1.000 |  |
|  |  | LTL,Estimate |  | -0.159 |  | -0.193 |  | -0.124 |  | 0.009 |  | -16.961 |  | -3.097 |  | < .001 |  |
|  |  | PCC,Chance |  | -0.002 |  | -0.026 |  | 0.023 |  | 0.007 |  | -0.246 |  | -0.045 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.134 |  | -0.169 |  | -0.099 |  | 0.009 |  | -14.358 |  | -2.621 |  | < .001 |  |
|  |  | Prec,Chance |  | -0.004 |  | -0.029 |  | 0.021 |  | 0.007 |  | -0.593 |  | -0.108 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.149 |  | -0.184 |  | -0.115 |  | 0.009 |  | -15.964 |  | -2.915 |  | < .001 |  |
|  |  | V1,Chance |  | -0.010 |  | -0.035 |  | 0.015 |  | 0.007 |  | -1.492 |  | -0.272 |  | 1.000 |  |
|  |  | V1,Estimate |  | -0.103 |  | -0.137 |  | -0.068 |  | 0.009 |  | -10.969 |  | -2.003 |  | < .001 |  |
|  |  | aPFC,Chance |  | -0.002 |  | -0.026 |  | 0.023 |  | 0.007 |  | -0.232 |  | -0.042 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.129 |  | -0.164 |  | -0.094 |  | 0.009 |  | -13.764 |  | -2.513 |  | < .001 |  |
| ATL,Estimate |  | IFG,Chance |  | 0.127 |  | 0.092 |  | 0.162 |  | 0.009 |  | 13.588 |  | 2.481 |  | < .001 |  |
|  |  | IFG,Estimate |  | -0.012 |  | -0.037 |  | 0.013 |  | 0.007 |  | -1.787 |  | -0.326 |  | 1.000 |  |
|  |  | Ins,Chance |  | 0.120 |  | 0.085 |  | 0.155 |  | 0.009 |  | 12.818 |  | 2.340 |  | < .001 |  |
|  |  | Ins,Estimate |  | 3.567e -4 |  | -0.024 |  | 0.025 |  | 0.007 |  | 0.052 |  | 0.010 |  | 1.000 |  |
|  |  | LTL,Chance |  | 0.121 |  | 0.086 |  | 0.156 |  | 0.009 |  | 12.917 |  | 2.358 |  | < .001 |  |
|  |  | LTL,Estimate |  | -0.029 |  | -0.054 |  | -0.005 |  | 0.007 |  | -4.305 |  | -0.786 |  | 0.003 |  |
|  |  | PCC,Chance |  | 0.128 |  | 0.093 |  | 0.162 |  | 0.009 |  | 13.632 |  | 2.489 |  | < .001 |  |
|  |  | PCC,Estimate |  | -0.005 |  | -0.030 |  | 0.020 |  | 0.007 |  | -0.747 |  | -0.136 |  | 1.000 |  |
|  |  | Prec,Chance |  | 0.125 |  | 0.090 |  | 0.160 |  | 0.009 |  | 13.378 |  | 2.442 |  | < .001 |  |
|  |  | Prec,Estimate |  | -0.020 |  | -0.045 |  | 0.005 |  | 0.007 |  | -2.942 |  | -0.537 |  | 0.524 |  |
|  |  | V1,Chance |  | 0.119 |  | 0.084 |  | 0.154 |  | 0.009 |  | 12.720 |  | 2.322 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.027 |  | 0.002 |  | 0.051 |  | 0.007 |  | 3.887 |  | 0.710 |  | 0.018 |  |
|  |  | aPFC,Chance |  | 0.128 |  | 0.093 |  | 0.162 |  | 0.009 |  | 13.642 |  | 2.491 |  | < .001 |  |
|  |  | aPFC,Estimate |  | 4.468e -4 |  | -0.024 |  | 0.025 |  | 0.007 |  | 0.065 |  | 0.012 |  | 1.000 |  |
| IFG,Chance |  | IFG,Estimate |  | -0.139 |  | -0.174 |  | -0.105 |  | 0.009 |  | -14.982 |  | -2.735 |  | < .001 |  |
|  |  | Ins,Chance |  | -0.007 |  | -0.032 |  | 0.018 |  | 0.007 |  | -1.052 |  | -0.192 |  | 1.000 |  |
|  |  | Ins,Estimate |  | -0.127 |  | -0.162 |  | -0.092 |  | 0.009 |  | -13.550 |  | -2.474 |  | < .001 |  |
|  |  | LTL,Chance |  | -0.006 |  | -0.031 |  | 0.018 |  | 0.007 |  | -0.918 |  | -0.168 |  | 1.000 |  |
|  |  | LTL,Estimate |  | -0.157 |  | -0.191 |  | -0.122 |  | 0.009 |  | -16.737 |  | -3.056 |  | < .001 |  |
|  |  | PCC,Chance |  | 4.077e -4 |  | -0.024 |  | 0.025 |  | 0.007 |  | 0.060 |  | 0.011 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.132 |  | -0.167 |  | -0.097 |  | 0.009 |  | -14.134 |  | -2.581 |  | < .001 |  |
|  |  | Prec,Chance |  | -0.002 |  | -0.027 |  | 0.023 |  | 0.007 |  | -0.287 |  | -0.052 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.147 |  | -0.182 |  | -0.112 |  | 0.009 |  | -15.740 |  | -2.874 |  | < .001 |  |
|  |  | V1,Chance |  | -0.008 |  | -0.033 |  | 0.017 |  | 0.007 |  | -1.186 |  | -0.217 |  | 1.000 |  |
|  |  | V1,Estimate |  | -0.101 |  | -0.135 |  | -0.066 |  | 0.009 |  | -10.745 |  | -1.962 |  | < .001 |  |
|  |  | aPFC,Chance |  | 5.079e -4 |  | -0.024 |  | 0.025 |  | 0.007 |  | 0.074 |  | 0.014 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.127 |  | -0.161 |  | -0.092 |  | 0.009 |  | -13.540 |  | -2.472 |  | < .001 |  |
| IFG,Estimate |  | Ins,Chance |  | 0.132 |  | 0.097 |  | 0.167 |  | 0.009 |  | 14.126 |  | 2.579 |  | < .001 |  |
|  |  | Ins,Estimate |  | 0.013 |  | -0.012 |  | 0.037 |  | 0.007 |  | 1.839 |  | 0.336 |  | 1.000 |  |
|  |  | LTL,Chance |  | 0.133 |  | 0.098 |  | 0.168 |  | 0.009 |  | 14.224 |  | 2.597 |  | < .001 |  |
|  |  | LTL,Estimate |  | -0.017 |  | -0.042 |  | 0.008 |  | 0.007 |  | -2.518 |  | -0.460 |  | 1.000 |  |
|  |  | PCC,Chance |  | 0.140 |  | 0.105 |  | 0.175 |  | 0.009 |  | 14.939 |  | 2.727 |  | < .001 |  |
|  |  | PCC,Estimate |  | 0.007 |  | -0.018 |  | 0.032 |  | 0.007 |  | 1.040 |  | 0.190 |  | 1.000 |  |
|  |  | Prec,Chance |  | 0.137 |  | 0.103 |  | 0.172 |  | 0.009 |  | 14.685 |  | 2.681 |  | < .001 |  |
|  |  | Prec,Estimate |  | -0.008 |  | -0.033 |  | 0.017 |  | 0.007 |  | -1.155 |  | -0.211 |  | 1.000 |  |
|  |  | V1,Chance |  | 0.131 |  | 0.096 |  | 0.166 |  | 0.009 |  | 14.028 |  | 2.561 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.039 |  | 0.014 |  | 0.064 |  | 0.007 |  | 5.674 |  | 1.036 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.140 |  | 0.105 |  | 0.175 |  | 0.009 |  | 14.950 |  | 2.729 |  | < .001 |  |
|  |  | aPFC,Estimate |  | 0.013 |  | -0.012 |  | 0.037 |  | 0.007 |  | 1.852 |  | 0.338 |  | 1.000 |  |
| Ins,Chance |  | Ins,Estimate |  | -0.120 |  | -0.154 |  | -0.085 |  | 0.009 |  | -12.854 |  | -2.347 |  | < .001 |  |
|  |  | LTL,Chance |  | 9.177e -4 |  | -0.024 |  | 0.026 |  | 0.007 |  | 0.134 |  | 0.024 |  | 1.000 |  |
|  |  | LTL,Estimate |  | -0.149 |  | -0.184 |  | -0.115 |  | 0.009 |  | -15.967 |  | -2.915 |  | < .001 |  |
|  |  | PCC,Chance |  | 0.008 |  | -0.017 |  | 0.032 |  | 0.007 |  | 1.112 |  | 0.203 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.125 |  | -0.160 |  | -0.090 |  | 0.009 |  | -13.365 |  | -2.440 |  | < .001 |  |
|  |  | Prec,Chance |  | 0.005 |  | -0.020 |  | 0.030 |  | 0.007 |  | 0.765 |  | 0.140 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.140 |  | -0.175 |  | -0.105 |  | 0.009 |  | -14.970 |  | -2.733 |  | < .001 |  |
|  |  | V1,Chance |  | -9.164e -4 |  | -0.026 |  | 0.024 |  | 0.007 |  | -0.134 |  | -0.024 |  | 1.000 |  |
|  |  | V1,Estimate |  | -0.093 |  | -0.128 |  | -0.058 |  | 0.009 |  | -9.975 |  | -1.821 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.008 |  | -0.017 |  | 0.032 |  | 0.007 |  | 1.126 |  | 0.206 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.119 |  | -0.154 |  | -0.085 |  | 0.009 |  | -12.771 |  | -2.332 |  | < .001 |  |
| Ins,Estimate |  | LTL,Chance |  | 0.120 |  | 0.086 |  | 0.155 |  | 0.009 |  | 12.878 |  | 2.351 |  | < .001 |  |
|  |  | LTL,Estimate |  | -0.030 |  | -0.055 |  | -0.005 |  | 0.007 |  | -4.357 |  | -0.795 |  | 0.002 |  |
|  |  | PCC,Chance |  | 0.127 |  | 0.092 |  | 0.162 |  | 0.009 |  | 13.594 |  | 2.482 |  | < .001 |  |
|  |  | PCC,Estimate |  | -0.005 |  | -0.030 |  | 0.019 |  | 0.007 |  | -0.799 |  | -0.146 |  | 1.000 |  |
|  |  | Prec,Chance |  | 0.125 |  | 0.090 |  | 0.160 |  | 0.009 |  | 13.340 |  | 2.436 |  | < .001 |  |
|  |  | Prec,Estimate |  | -0.020 |  | -0.045 |  | 0.004 |  | 0.007 |  | -2.994 |  | -0.547 |  | 0.444 |  |
|  |  | V1,Chance |  | 0.119 |  | 0.084 |  | 0.153 |  | 0.009 |  | 12.682 |  | 2.315 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.026 |  | 0.001 |  | 0.051 |  | 0.007 |  | 3.835 |  | 0.700 |  | 0.022 |  |
|  |  | aPFC,Chance |  | 0.127 |  | 0.092 |  | 0.162 |  | 0.009 |  | 13.604 |  | 2.484 |  | < .001 |  |
|  |  | aPFC,Estimate |  | 9.007e -5 |  | -0.025 |  | 0.025 |  | 0.007 |  | 0.013 |  | 0.002 |  | 1.000 |  |
| LTL,Chance |  | LTL,Estimate |  | -0.150 |  | -0.185 |  | -0.116 |  | 0.009 |  | -16.159 |  | -2.950 |  | < .001 |  |
|  |  | PCC,Chance |  | 0.007 |  | -0.018 |  | 0.031 |  | 0.007 |  | 0.978 |  | 0.178 |  | 1.000 |  |
|  |  | PCC,Estimate |  | -0.126 |  | -0.161 |  | -0.091 |  | 0.009 |  | -13.463 |  | -2.458 |  | < .001 |  |
|  |  | Prec,Chance |  | 0.004 |  | -0.020 |  | 0.029 |  | 0.007 |  | 0.631 |  | 0.115 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.141 |  | -0.176 |  | -0.106 |  | 0.009 |  | -15.068 |  | -2.751 |  | < .001 |  |
|  |  | V1,Chance |  | -0.002 |  | -0.027 |  | 0.023 |  | 0.007 |  | -0.268 |  | -0.049 |  | 1.000 |  |
|  |  | V1,Estimate |  | -0.094 |  | -0.129 |  | -0.059 |  | 0.009 |  | -10.073 |  | -1.839 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.007 |  | -0.018 |  | 0.032 |  | 0.007 |  | 0.992 |  | 0.181 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.120 |  | -0.155 |  | -0.086 |  | 0.009 |  | -12.869 |  | -2.350 |  | < .001 |  |
| LTL,Estimate |  | PCC,Chance |  | 0.157 |  | 0.122 |  | 0.192 |  | 0.009 |  | 16.781 |  | 3.064 |  | < .001 |  |
|  |  | PCC,Estimate |  | 0.024 |  | -4.231e -4 |  | 0.049 |  | 0.007 |  | 3.558 |  | 0.650 |  | 0.063 |  |
|  |  | Prec,Chance |  | 0.155 |  | 0.120 |  | 0.189 |  | 0.009 |  | 16.527 |  | 3.017 |  | < .001 |  |
|  |  | Prec,Estimate |  | 0.009 |  | -0.015 |  | 0.034 |  | 0.007 |  | 1.363 |  | 0.249 |  | 1.000 |  |
|  |  | V1,Chance |  | 0.148 |  | 0.114 |  | 0.183 |  | 0.009 |  | 15.869 |  | 2.897 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.056 |  | 0.031 |  | 0.081 |  | 0.007 |  | 8.192 |  | 1.496 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.157 |  | 0.122 |  | 0.192 |  | 0.009 |  | 16.791 |  | 3.066 |  | < .001 |  |
|  |  | aPFC,Estimate |  | 0.030 |  | 0.005 |  | 0.055 |  | 0.007 |  | 4.370 |  | 0.798 |  | 0.002 |  |
| PCC,Chance |  | PCC,Estimate |  | -0.133 |  | -0.167 |  | -0.098 |  | 0.009 |  | -14.260 |  | -2.604 |  | < .001 |  |
|  |  | Prec,Chance |  | -0.002 |  | -0.027 |  | 0.022 |  | 0.007 |  | -0.347 |  | -0.063 |  | 1.000 |  |
|  |  | Prec,Estimate |  | -0.148 |  | -0.182 |  | -0.113 |  | 0.009 |  | -15.784 |  | -2.882 |  | < .001 |  |
|  |  | V1,Chance |  | -0.009 |  | -0.033 |  | 0.016 |  | 0.007 |  | -1.246 |  | -0.227 |  | 1.000 |  |
|  |  | V1,Estimate |  | -0.101 |  | -0.136 |  | -0.066 |  | 0.009 |  | -10.789 |  | -1.970 |  | < .001 |  |
|  |  | aPFC,Chance |  | 1.002e -4 |  | -0.025 |  | 0.025 |  | 0.007 |  | 0.015 |  | 0.003 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.127 |  | -0.162 |  | -0.092 |  | 0.009 |  | -13.584 |  | -2.480 |  | < .001 |  |
| PCC,Estimate |  | Prec,Chance |  | 0.130 |  | 0.095 |  | 0.165 |  | 0.009 |  | 13.924 |  | 2.542 |  | < .001 |  |
|  |  | Prec,Estimate |  | -0.015 |  | -0.040 |  | 0.010 |  | 0.007 |  | -2.195 |  | -0.401 |  | 1.000 |  |
|  |  | V1,Chance |  | 0.124 |  | 0.089 |  | 0.159 |  | 0.009 |  | 13.267 |  | 2.422 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.032 |  | 0.007 |  | 0.056 |  | 0.007 |  | 4.633 |  | 0.846 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.133 |  | 0.098 |  | 0.168 |  | 0.009 |  | 14.188 |  | 2.590 |  | < .001 |  |
|  |  | aPFC,Estimate |  | 0.006 |  | -0.019 |  | 0.030 |  | 0.007 |  | 0.812 |  | 0.148 |  | 1.000 |  |
| Prec,Chance |  | Prec,Estimate |  | -0.145 |  | -0.180 |  | -0.111 |  | 0.009 |  | -15.620 |  | -2.852 |  | < .001 |  |
|  |  | V1,Chance |  | -0.006 |  | -0.031 |  | 0.019 |  | 0.007 |  | -0.899 |  | -0.164 |  | 1.000 |  |
|  |  | V1,Estimate |  | -0.099 |  | -0.133 |  | -0.064 |  | 0.009 |  | -10.535 |  | -1.923 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.002 |  | -0.022 |  | 0.027 |  | 0.007 |  | 0.361 |  | 0.066 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.125 |  | -0.159 |  | -0.090 |  | 0.009 |  | -13.330 |  | -2.434 |  | < .001 |  |
| Prec,Estimate |  | V1,Chance |  | 0.139 |  | 0.104 |  | 0.174 |  | 0.009 |  | 14.872 |  | 2.715 |  | < .001 |  |
|  |  | V1,Estimate |  | 0.047 |  | 0.022 |  | 0.071 |  | 0.007 |  | 6.829 |  | 1.247 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.148 |  | 0.113 |  | 0.183 |  | 0.009 |  | 15.794 |  | 2.884 |  | < .001 |  |
|  |  | aPFC,Estimate |  | 0.021 |  | -0.004 |  | 0.045 |  | 0.007 |  | 3.007 |  | 0.549 |  | 0.425 |  |
| V1,Chance |  | V1,Estimate |  | -0.092 |  | -0.127 |  | -0.058 |  | 0.009 |  | -9.935 |  | -1.814 |  | < .001 |  |
|  |  | aPFC,Chance |  | 0.009 |  | -0.016 |  | 0.033 |  | 0.007 |  | 1.260 |  | 0.230 |  | 1.000 |  |
|  |  | aPFC,Estimate |  | -0.119 |  | -0.153 |  | -0.084 |  | 0.009 |  | -12.673 |  | -2.314 |  | < .001 |  |
| V1,Estimate |  | aPFC,Chance |  | 0.101 |  | 0.066 |  | 0.136 |  | 0.009 |  | 10.799 |  | 1.972 |  | < .001 |  |
|  |  | aPFC,Estimate |  | -0.026 |  | -0.051 |  | -0.001 |  | 0.007 |  | -3.821 |  | -0.698 |  | 0.023 |  |
| aPFC,Chance |  | aPFC,Estimate |  | -0.127 |  | -0.162 |  | -0.092 |  | 0.009 |  | -13.673 |  | -2.496 |  | < .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 |  | 0.441 |  | 0.057 |  | 30 |  |
|  |  | Chance |  | 0.290 |  | 0.021 |  | 30 |  |
| IFG |  | Estimate |  | 0.423 |  | 0.044 |  | 30 |  |
|  |  | Chance |  | 0.284 |  | 0.019 |  | 30 |  |
| Prec |  | Estimate |  | 0.431 |  | 0.043 |  | 30 |  |
|  |  | Chance |  | 0.286 |  | 0.019 |  | 30 |  |
| ATL |  | Estimate |  | 0.411 |  | 0.049 |  | 30 |  |
|  |  | Chance |  | 0.282 |  | 0.019 |  | 30 |  |
| aPFC |  | Estimate |  | 0.411 |  | 0.060 |  | 30 |  |
|  |  | Chance |  | 0.284 |  | 0.019 |  | 30 |  |
| Ins |  | Estimate |  | 0.411 |  | 0.038 |  | 30 |  |
|  |  | Chance |  | 0.291 |  | 0.024 |  | 30 |  |
| ACC |  | Estimate |  | 0.425 |  | 0.054 |  | 30 |  |
|  |  | Chance |  | 0.284 |  | 0.020 |  | 30 |  |
| PCC |  | Estimate |  | 0.416 |  | 0.034 |  | 30 |  |
|  |  | Chance |  | 0.284 |  | 0.024 |  | 30 |  |
| V1 |  | Estimate |  | 0.385 |  | 0.038 |  | 30 |  |
|  |  | Chance |  | 0.292 |  | 0.017 |  | 30 |  |
|  | | | | | | | | | |

**Descriptives Plot**

A picture containing sky, wire

Description automatically generated