AP v.s. N: AUC = 0.82

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| hypothesis | h | p | CI | T value | df | sd |
| Congruent AP > 0.5 | 1 | < .001 | 0.80 0.87 | 20.85 | 14 | 0.06 |
| Incongruent AP > 0.5 | 1 | < .001 | 0.79 0.85 | 21.65 | 14 | 0.06 |
| Congruent v.s. Incongruent AP | 0 | 0.12 | -0.0037 0.03 | 1.66 | 14 | 0.03 |
| Congruent critical objects > 0.5 | 1 | < .001 | 0.58 0.65 | 7.46 | 14 | 0.06 |
| Incongruent critical objects > 0.5 | 1 | .007 | 0.52 0.59 | 3.19 | 14 | 0.06 |
| Congruent v.s. incongruent critical objects | 1 | .005 | 0.02 0.11 | 3.36 | 14 | 0.07 |
| Hit v.s. cr in congruent condition, original vs. different | 1 | <.001 | 0.22 0.42 | 6.86 | 14 | 0.18 |
| Hit v.s. cr in incongruent condition, for original and different | 1 | <.001 | 0.27 0.52 | 6.96 | 14 | 0.23 |

Hit v.s. correct rejection on original v.s. different

ctest\_interaction =

Theoretical Likelihood Ratio Test

Model DF AIC BIC LogLik LRStat deltaDF pValue

lm3 5 -89.109 -76.61 49.555

lm2 6 -87.814 -72.816 49.907 0.7051 1 0.40107

ctest\_congruent =

Theoretical Likelihood Ratio Test

Model DF AIC BIC LogLik LRStat deltaDF pValue

lm4 5 -88.114 -75.615 49.057

lm2 6 -87.814 -72.816 49.907 1.7007 1 0.1922

ctest\_eccentricity =

Theoretical Likelihood Ratio Test

Model DF AIC BIC LogLik LRStat deltaDF pValue

lm5 5 -74.637 -62.138 42.318

lm2 6 -87.814 -72.816 49.907 15.178 1 9.7857e-05

itest\_interaction =

Theoretical Likelihood Ratio Test

Model DF AIC BIC LogLik LRStat deltaDF pValue

lm7 5 -69.466 -56.967 39.733

lm6 6 -67.523 -52.524 39.761 0.056845 1 0.81155

itest\_congruent =

Theoretical Likelihood Ratio Test

Model DF AIC BIC LogLik LRStat deltaDF pValue

lm8 5 -64.007 -51.508 37.003

lm6 6 -67.523 -52.524 39.761 5.5157 1 0.018847

itest\_eccentricity =

Theoretical Likelihood Ratio Test

Model DF AIC BIC LogLik LRStat deltaDF pValue

lm9 5 -60.281 -47.782 35.141

lm6 6 -67.523 -52.524 39.761 9.2414 1 0.0023661