**Table 1.**

*LME model evaluation results: Effect sizes (χ2 (1)) of fixed-effect predictors for participants’ objective and metacognitive discriminability*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Present + Original vs. Null | Original vs. Modified | | | |
|  | Eccentricity | | Eccentricity | Congruence | E×C |
| Exp 1 | Objective discriminability | 25.23\*\* | | 0.57 | 7.97\* | 0.18 |
| Metacognitive discriminability | 16.57\*\* | | 1.97 | 2.59 | 0.55 |
| Exp 2 | Objective discriminability | 224.64\*\*\* | | 4.39 | 9.46\* | 5.61 |
| Metacognitive discriminability | 57.67\*\*\* | | 0.40 | 6.60\* | 0.60 |

\**p* < .0167, \*\**p* < .001, \*\*\**p* < .0001

**Table 2.**

*LME model evaluation results: Effect sizes (χ2 (1)) of fixed-effect predictors for image statistics analyses*

|  |  |  |
| --- | --- | --- |
|  |  | Effect of Image Statistics |
| Size\*Ecc | Size | 6.79\*\* |
| Ecc | 0.18 |
| Interaction | 2.09 |
| Size\*Saliency | Size | -0.46 |
| Saliency | 0.47 |
| Interaction | 0.55 |
| Size\*Weibull | Size | 7.93\*\* |
| Weibull | 0.97 |
| Interaction | 1.99 |

\**p* < .05, \*\**p* < .01, \*\*\**p* < .001