

# Results

## Repeated Measures ANOVA

Within Subjects Effects

| Cases     | Sphericity Correction | Sum of Squares | df     | Mean Square | F     | p     |
|-----------|-----------------------|----------------|--------|-------------|-------|-------|
| Avatar    | Greenhouse-Geisser    | 0.313          | 2.621  | 0.119       | 0.074 | 0.962 |
| Residuals | Greenhouse-Geisser    | 63.688         | 39.317 | 1.620       |       |       |

Note. Type III Sum of Squares

Between Subjects Effects

| Cases     | Sum of Squares | df | Mean Square | F | p |
|-----------|----------------|----|-------------|---|---|
| Residuals | 23.938         | 15 | 1.596       |   |   |

Note. Type III Sum of Squares

## Post Hoc Tests

Post Hoc Comparisons - Avatar

|          |          | 95% CI for Mean Difference |        |       |       |    |        | 95% CI for Cohen's d |        |       |                   |
|----------|----------|----------------------------|--------|-------|-------|----|--------|----------------------|--------|-------|-------------------|
|          |          | Mean Difference            | Lower  | Upper | SE    | df | t      | Cohen's d            | Lower  | Upper | P <sub>bonf</sub> |
| Luisa    | Robot    | 0.063                      | −1.028 | 1.153 | 0.359 | 15 | 0.174  | 0.052                | −0.851 | 0.954 | 1.000             |
|          | Abstract | −0.063                     | −1.405 | 1.280 | 0.442 | 15 | −0.141 | −0.052               | −1.163 | 1.060 | 1.000             |
|          | Particle | 0.125                      | −1.229 | 1.479 | 0.446 | 15 | 0.280  | 0.103                | −1.019 | 1.226 | 1.000             |
| Robot    | Abstract | −0.125                     | −1.120 | 0.870 | 0.328 | 15 | −0.382 | −0.103               | −0.928 | 0.722 | 1.000             |
|          | Particle | 0.063                      | −1.336 | 1.461 | 0.461 | 15 | 0.136  | 0.052                | −1.106 | 1.210 | 1.000             |
| Abstract | Particle | 0.188                      | −1.232 | 1.607 | 0.467 | 15 | 0.401  | 0.155                | −1.022 | 1.333 | 1.000             |

Note. P-value and confidence intervals adjusted for comparing a family of 6 estimates (confidence intervals corrected using the bonferroni method).