

Results

Repeated Measures ANOVA

Within Subjects Effects

Cases	Sphericity Correction	Sum of Squares	df	Mean Square	F	p
Avatar	Greenhouse-Geisser	10.182	2.113	4.819	6.409	0.004
Residuals	Greenhouse-Geisser	23.832	31.695	0.752		

Note. Type III Sum of Squares

Between Subjects Effects

Cases	Sum of Squares	df	Mean Square	F	p
Residuals	23.318	15	1.555		

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 _{bonf}
Luisa	Robot	0.594	−0.069	1.257	0.218	15	2.719	0.670	−0.165	1.505	0.095
	Abstract	1.052	0.369	1.735	0.225	15	4.676	1.187	0.174	2.200	0.002
	Particle	0.875	−0.047	1.797	0.304	15	2.881	0.987	−0.188	2.162	0.069
Robot	Abstract	0.458	−0.053	0.970	0.168	15	2.722	0.517	−0.127	1.161	0.095
	Particle	0.281	−0.736	1.298	0.335	15	0.840	0.317	−0.843	1.478	1.000
Abstract	Particle	−0.177	−0.958	0.603	0.257	15	−0.689	−0.200	−1.087	0.688	1.000

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