

Supporting Information - S2 Table

Summary of statistical tests results and their respective effect size estimations. Factors were examined using Mixed-design ANOVA and partial η^2 for effect size. Significant factors with more than two levels were examined using pairwise t-tests and Cohen's d for effect size.

Variable	Multisensory congruence	Perspective	Interaction
Agency	$F_{1,36} = 98.0$ $\mathbf{p} < .001$ $\eta_p^2 = .73$	$F_{2,72} = 8.71$ $\mathbf{p} < .001$ $\eta_p^2 = .20$	$F_{2,72} = 3.37$ $\mathbf{p} < .050$ $\eta_p^2 = .09$
Ownership	$F_{1,36} = 4.49$ $\mathbf{p} < .042$ $\eta_p^2 = .11$	$F_{2,72} = 22.8$ $\mathbf{p} < .001$ $\eta_p^2 = .39$	$F_{2,72} = 5.22$ $\mathbf{p} < .008$ $\eta_p^2 = .13$
Self-location	$F_{1,36} = 4.31$, $\mathbf{p} < .046$ $\eta_p^2 = .11$	$F_{2,72} = 33.8$, $\mathbf{p} < .001$ $\eta_p^2 = .48$	$F_{2,72} = 0.30$ $p > .738$ $\eta_p^2 = .01$
Threat	$F_{1,36} = 3.35$ $p > .075$ $\eta_p^2 = .09$	$F_{2,72} = 21.4$ $\mathbf{p} < .001$ $\eta_p^2 = .37$	$F_{2,72} = 0.47$ $p > .627$ $\eta_p^2 = .01$
More bodies	$F_{1,36} = 3.84$ $p > .057$ $\eta_p^2 = .10$	$F_{2,72} = 4.34$ $\mathbf{p} < .017$ $\eta_p^2 = .11$	$F_{2,72} = 6.76$ $\mathbf{p} < .003$ $\eta_p^2 = .16$
Turning Virtual	$F_{1,36} = 0.00$ $p > .946$ $\eta_p^2 = .00$	$F_{2,72} = 16.4$ $\mathbf{p} < .001$ $\eta_p^2 = .31$	$F_{2,72} = 0.74$ $p > .482$ $\eta_p^2 = .02$
GSR	$F_{1,38} = 1.12$ $p > .295$ $\eta_p^2 = .03$	$F_{2,76} = 6.39$ $\mathbf{p} < .003$ $\eta_p^2 = .14$	$F_{2,76} = 0.65$ $p > .525$ $\eta_p^2 = .02$
MBD	–	$F_{2,44} = 2.05$ $p > .141$ $\eta_p^2 = .09$	–

Perspective post hoc

Variable	1PP vs. 3PP	1PP vs. ALT	3PP vs. ALT
Self-location	$t_{72} = 6.66$ $\mathbf{p} < .001$ $d = 0.96$	$t_{72} = 2.39$ $\mathbf{p} < .020$ $d = 0.35$	$t_{72} = 4.27$ $\mathbf{p} < .001$ $d = 0.62$
Threat	$t_{72} = 6.54$ $\mathbf{p} < .001$ $d = 0.94$	$t_{72} = 2.99$ $\mathbf{p} < .004$ $d = 0.43$	$t_{72} = 3.55$ $\mathbf{p} < .002$ $d = 0.51$
Turning virtual	$t_{72} = 5.25$ $\mathbf{p} < .001$ $d = 0.76$	$t_{72} = 0.65$ $p > .519$ $d = 0.01$	$t_{72} = 4.61$ $\mathbf{p} < .001$ $d = 0.65$
GSR	$t_{76} = 3.46$ $\mathbf{p} < .003$ $d = 0.50$	$t_{76} = 0.97$ $p > .335$ $d = 0.14$	$t_{76} = 2.49$ $\mathbf{p} > .030$ $d = 0.36$

Interaction post hoc

Variable	1PP vs. 3PP	VMT	
		1PP vs. ALT	3PP vs. ALT
Agency	$t_{72} = 1.11$ $p > .819$ $d = 0.23$	$t_{72} = 0.42$ $p > .994$ $d = 0.09$	$t_{72} = 0.68$ $p > .994$ $d = 0.14$
Ownership	$t_{72} = 2.50$ $p > .087$ $d = 0.52$	$t_{72} = 1.10$ $p > .820$ $d = 0.23$	$t_{72} = 1.40$ $p > .665$ $d = 0.29$
More bodies	$t_{72} = 3.93$ $\mathbf{p} < .002$ $d = 0.80$	$t_{72} = 2.50$ $p > .102$ $d = 0.51$	$t_{72} = 1.43$ $p > .532$ $d = 0.29$

Variable	1PP vs. 3PP	-VMT	
		1PP vs. ALT	3PP vs. ALT
Agency	$t_{72} = 4.72$ $\mathbf{p} < .001$ $d = 0.96$	$t_{72} = 1.66$ $p > .409$ $d = 0.38$	$t_{72} = 3.06$ $\mathbf{p} < .016$ $d = 0.63$
Ownership	$t_{72} = 6.92$ $\mathbf{p} < .001$ $d = 1.41$	$t_{72} = 2.28$ $p > .127$ $d = 0.47$	$t_{72} = 4.64$ $\mathbf{p} < .001$ $d = 0.95$
More bodies	$t_{72} = 0.98$ $p > .532$ $d = 0.20$	$t_{72} = 1.52$ $p > .532$ $d = 0.31$	$t_{72} = 2.50$ $p > .102$ $d = 0.51$

Variable	1PP		3PP		ALT	
	VMT vs. -VMT		VMT vs. -VMT		VMT vs. -VMT	
Agency	$t_{97,39} = 5.51$ $\mathbf{p} < .001$ $d = 1.12$	$t_{97,39} = 8.67$ $\mathbf{p} < .001$ $d = 1.77$	$t_{97,39} = 6.59$ $\mathbf{p} < .001$ $d = 1.35$			
Ownership	$t_{82,97} = 0.17$ $p > .863$ $d = 0.04$	$t_{82,97} = 3.63$ $\mathbf{p} < .004$ $d = 0.74$	$t_{82,97} = 1.09$ $p > .820$ $d = 0.22$			
More bodies	$t_{99,14} = 3.10$ $\mathbf{p} < .021$ $d = 0.63$	$t_{99,14} = 1.27$ $p > .532$ $d = 0.26$	$t_{99,14} = 2.22$ $p > .142$ $d = 0.45$			