

Supplementary Tables and Figures

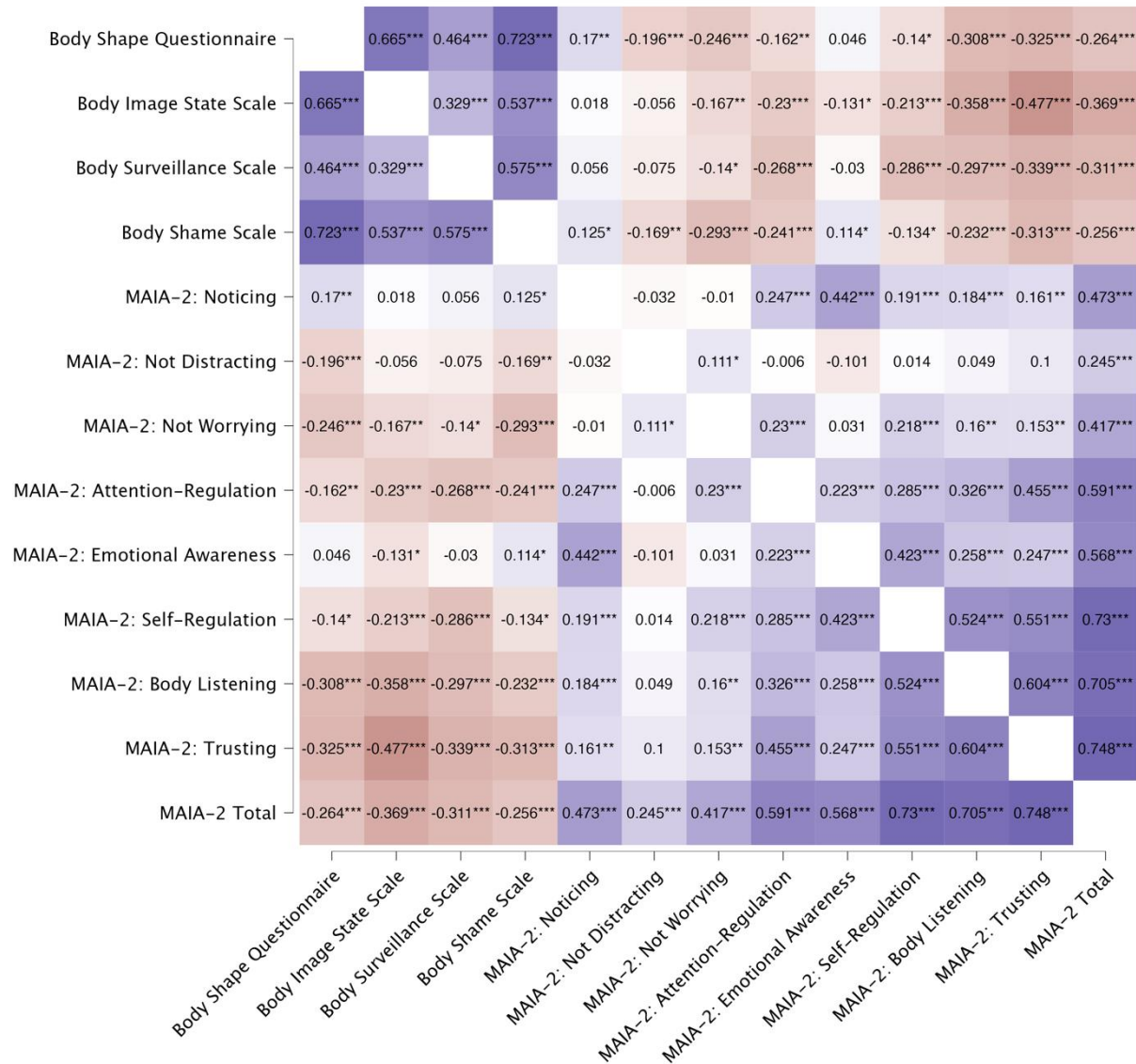


Figure S1. Pearson's Partial Correlation heat-map of Body Image disturbance measures and interoceptive sensibility measures (conditioned on gender): Purple indicates positive associations and brown indicates negative associations. Significance as follows: * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$.

Table S1. Post Hoc Comparisons for Position * Orientation interaction for ANOVA 4.3.3.

		Mean Difference	SE	t	Cohen's d	p_{bonf}
Back-facing, 0	Front-facing, 0	-0.552	0.038	-14.432	-0.843	< 0.001 ***
	Back-facing, 90	-0.136	0.030	-4.576	-0.208	< 0.001 ***
	Front-facing, 90	-0.458	0.037	-12.374	-0.699	< 0.001 ***
Front-facing, 0	Back-facing, 90	0.416	0.037	11.225	0.634	< 0.001 ***
	Front-facing, 90	0.094	0.030	3.149	0.143	0.011 *
Back-facing, 90	Front-facing, 90	-0.322	0.038	-8.413	-0.491	< 0.001 ***

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$.

Table S2. Mixed model ANOVA results for reaction time analysis.

Cases	Sum of Squares	df	Mean Square	F	p	η^2_p
Position	64.412	1	64.412	196.200	< 0.001	0.540
Position * gender	0.142	1	0.142	0.431	0.512	0.003
Residuals	54.825	167	0.328			
Orientation	0.153	1	0.153	1.136	0.288	0.007
Orientation * gender	0.039	1	0.039	0.290	0.591	0.002
Residuals	22.434	167	0.134			
Weight	0.052	1	0.052	0.390	0.533	0.002
Weight * gender	0.268	1	0.268	2.012	0.158	0.012
Residuals	22.206	167	0.133			
Position * Orientation	4.471	1	4.471	27.036	< 0.001	0.139
Position * Orientation * gender	0.400	1	0.400	2.419	0.122	0.014
Residuals	27.619	167	0.165			
Position * Weight	6.786×10 ⁻⁴	1	6.786×10 ⁻⁴	0.005	0.944	2.961×10 ⁻⁵
Position * Weight * gender	3.064×10 ⁻⁴	1	3.064×10 ⁻⁴	0.002	0.962	1.337×10 ⁻⁵
Residuals	22.919	167	0.137			
Orientation * Weight	0.058	1	0.058	0.435	0.511	0.003
Orientation * Weight * gender	0.350	1	0.350	2.623	0.107	0.015
Residuals	22.299	167	0.134			
Position * Orientation * Weight	1.803×10 ⁻⁴	1	1.803×10 ⁻⁴	0.001	0.970	8.395×10 ⁻⁶
Position * Orientation * Weight * gender	0.566	1	0.566	4.403	0.037	0.026
Residuals	21.477	167	0.129			

Note. Type III Sum of Squares.

Table S3. Post Hoc tests for interactions between position and condition on accuracy for ANOVA 4.3.2.

		Mean Difference	SE	t	Cohen's d	p_{bonf}
BACKFACING Control	FRONTFACING Control	3.782	1.460	2.590	0.284	0.059
	BACKFACING Experimental	1.722	1.456	1.182	0.129	1.000
	FRONTFACING Experimental	7.186	1.456	4.936	0.540	< 0.001
FRONTFACING Control	BACKFACING Experimental	-2.061	1.460	-1.411	-0.155	0.952
	FRONTFACING Experimental	3.403	1.460	2.331	0.256	0.120
BACKFACING Experimental	FRONTFACING Experimental	5.464	1.456	3.753	0.411	0.001

Note. P-value adjusted for comparing a family of 4.

Table S4. Regression results for the effect of BID and IS on the egocentric transformation cost.

Coefficients					
Model		Unstandardized	Standard Error	Standardized^a	t p
H ₀	(Intercept)	0.548	0.044		12.433 < 0.001
	Orientation (90)	-0.227	0.052		-4.355 < 0.001
	Gender (Male)	0.007	0.052		0.132 0.895
H ₁	(Intercept)	0.828	0.203		4.080 < 0.001
	MAIA-2 Total	-0.012	0.008	-0.083	-1.432 0.153
	Body Image Disturbance Composite	-0.002	0.011	-0.009	-0.143 0.886
	Orientation (90)	-0.227	0.052		-4.356 < 0.001
	Gender (Male)	0.009	0.056		0.164 0.869

^a Standardized coefficients can only be computed for continuous predictors.