

S4 Table. Neural representation in bilateral aIPS

Three-way Mixed ANOVA *	Left aIPS		Right aIPS	
Groups (EB vs. SC)	F(1, 30) = 2.471	p = 0.126	F(1, 30) = 2.004	p = 0.167
Tasks (Shape vs. Conceptual)	F(1, 30) = 1.552	p = 0.223	F(1, 30) = 0.442	p = 0.551
Representations (Shape vs. Conceptual)	F(1, 30) = 26.995	p < 0.001	F(1, 30) = 5.524	p = 0.026
Groups × Tasks	F(1, 30) = 2.996	p = 0.094	F(1, 30) = 0.819	p = 0.373
Groups × Representations	F(1, 30) = 0.021	p = 0.885	F(1, 30) = 0.117	p = 0.735
Tasks × Representations	F(1, 30) = 18.300	p < 0.001	F(1, 30) = 16.807	p < 0.001
Groups × Tasks × Representations	F(1, 30) = 1.495	p = 0.231	F(1, 30) = 0.367	p = 0.549

* The Groups factor was between-subject, whereas Tasks and Representations were within-subject factors.