

S1 Table

pp	R^2	
	visual	inertial
1	0.780	0.579
2	0.296	0.044
3	0.104	0.042
4	0.604	0.192
5	0.594	0.110
6	0.098	0.170
7	0.320	0.313
8	0.241	0.378
9	0.162	0.439

S1 Table. R^2 unisensory models. Generalized Coefficient of Determination scores, R^2 , for each fitted unisensory model. Scores of zero and one correspond to the worst and best possible fits, respectively.