

Supplementary Materials

Table 4: Choice and Order Regions

Region	Talairach Coordinates			z-score	Clusterwise p-value
	X	Y	Z		
Interval 1	Yes>No (Collapsed)				
R/L Rostral ACC	-4	36	-4	4.31	0.0355
L Fusiform	-42	-50	-17	3.68	0.0118
L Inferior Parietal Cortex	-34	-67	41	3.61	0.0001
L Pars Opercularis	-50	14	26	3.37	0.0336
Interval 1	Yes>No Face First				
R/L Caudal ACC	-4	10	21	5.11	<0.0001
R/L Medial OFC	8	24	-10	4.48	<0.0001
R Caudal MFG	38	3	49	4.38	0.0185
L Rostral MFG	-36	29	18	4.36	0.0001
L Cerebellum	-38	-40	-36	4.29	0.0045
L Superior Parietal	-8	-61	50	4.28	<0.0001
R Superior Temporal Gyrus	55	4	-16	4.1	0.025
R Supramarginal Gyrus	67	-35	16	4.05	0.0149
L Superior Parietal	-30	-56	35	3.84	<0.0001
L Caudal MFG	-34	-5	40	3.79	0.0014
L Superior Temporal Sulcus	-67	-33	19	3.77	0.0299
R Posterior CC	-12	-42	0	3.76	0.009
L Precentral Gyrus	-50	8	19	3.71	0.0016
R Lateral Occipital	24	-87	24	3.69	0.0024
R Cerebellum	16	-77	-14	3.49	0.0373
Interval 1	Yes>No Compatibility First				
n/a					
Interval 2	Yes>No (Collapsed)				
R/L Superior Frontal, Rostral ACC, Medial OFC, Ventral Striatum, Thalamus, Brainstem	6	15	15	5.25	<0.0001
R/L PCC	2	-24	35	5.17	<0.0001
L Lateral OFC, Anterior Insula	-38	33	-19	5.06	<0.0001
R Cerebellum	6	-66	-18	4.84	0.0001
R Precentral Gyrus	42	8	24	4.46	0.0162
R Cerebellum	38	-63	-40	4.29	<0.0001
L Lateral Occipital	-24	-80	12	4.27	<0.0001
R Anterior Insula	40	24	-10	4.02	<0.0001
L Cerebellum	-32	-52	-18	3.89	0.0154
L Rostral MFG	-44	44	4	3.81	0.0005
R Cerebellum	18	-76	-19	3.76	<0.0001
R Superior Parietal	30	-69	32	3.65	0.0059

Interval 2 Yes>No Face First

R/L Rostral ACC, Superior Frontal	-4	22	27	4.39	<0.0001
L Rostral ACC	-10	35	14	4.24	0.0011
R Cerebellum	42	-63	-41	4.16	0.0157
L Lateral OFC	-24	20	-17	4.12	0.0037
R/L Brainstem	0	-36	3	4.1	0.0103
L Cerebellum	-32	-58	-23	4.03	<0.0001
L Caudate/Thalamus	-2	-12	11	3.87	<0.0001
R/L PCC	2	-21	28	3.75	0.0319

Interval 2 Yes>No Compatibility First

R/L Medial OFC, Rostral ACC, Superior Frontal	-20	28	35	5.32	<0.0001
R/L Ventral Striatum, R/L Thalamus	0	-16	4	5.16	<0.0001
R/L PCC	0	-32	36	4.77	<0.0001
L Lateral Occipital	-34	-92	-3	4.59	<0.0001
L Lateral OFC	-38	31	-21	4.29	0.0001
L Hippocampus	-14	-22	-3	4.2	0.0045

Interval 2 Order Effects

R/L Lateral Occipital	30	-50	-12	-4.99	<0.0001
R Inferior Parietal	51	32	7	-4.58	0.0002
L Middle Temporal Gyrus	-48	-78	20	-4.46	0.0004
R Middle Temporal Gyrus	-36	-54	-12	-4.39	<0.0001
R Fusiform	30	-68	26	-4.26	<0.0001
R Pars Triangularis	50	12	17	-4.2	<0.0001
L Lateral Occipital	32	27	-16	-4.16	0.0302
L Fusiform	-20	-86	2	4.47	<0.0001
R Inferior/Superior Parietal	59	-48	40	4.28	<0.0001
R Precentral Gyrus	-63	-39	8	4.11	0.0078
R Lateral OFC	50	-38	-2	3.43	0.0089