

Supplementary Materials

Table of Content

Information about supplementary tables	4
Section 1: Main analyses (all)	5
Table S1: Meta-analysis of All Imagery combined (n=439)	5
Table S2: Meta-analysis of Motor Imagery (n=284)	5
Table S3: Meta-analysis of Visual Imagery (n=92)	6
Table S4: Meta-analysis of Auditory Imagery (n=48).....	7
Table S5: Meta-analysis of Tactile Imagery (n=9)	7
Table S6: Meta-analysis of Gustatory Imagery (n=7)	7
Table S7: Meta-analysis of All Imagery but not MI (n=155)	7
Section 2: Conjunction analyses (all)	9
Table S8: Meta-analysis of Conjunction between Auditory and Visual Imagery	9
Table S9: Meta-analysis of Conjunction between Motor and Auditory Imagery	9
Table S10: Meta-analysis of Conjunction between Motor and Visual Imagery.....	9
Table S11: Meta-analysis of Conjunction between Auditory and Tactile Imagery	10
Table S12: Meta-analysis of Conjunction between Motor and Gustatory Imagery	10
Table S13: Meta-analysis of Conjunction between Motor and Tactile Imagery	10
Table S14: Meta-analysis of Conjunction between Visual and Tactile Imagery.....	10
Table S15: Meta-analysis of Conjunction between Motor, Visual, Auditory Imagery	10
Table S16: Meta-analysis of Conjunction between Motor, Visual and Tactile Imagery.....	11
Table S17: Meta-analysis of Conjunction between Motor, Auditory and Tactile Imagery	11
Table S18: Meta-analysis of Conjunction between Visual, Auditory and Tactile Imagery.....	11
Table S19: Meta-analysis of Conjunction between Motor, Visual, Auditory and Tactile Imagery.....	11
Section 3: Contrast results (all).....	12
Table S20: Meta-analysis of Contrast_Auditory_greater_than_Visual.....	12
Table S21: Meta-analysis of Contrast_Auditory_greater_than_Motor	12
Table S22: Meta-analysis of Contrast_Motor_greater_than_Auditory	13
Table S23: Meta-analysis of Contrast_Motor_greater_than_Visual	13
Table S24: Meta-analysis of Contrast_Visual_greater_than_Motor	15
Table S25: Meta-analysis of Conjunction Motor greater than Visual and Auditory Imagery.....	15
Table S26: Meta-analysis of Contrast_Auditory_greather_than_Gustatory	16
Table S27: Meta-analysis of Contrast_Gustatory_greather_than_Auditory	17
Table S28: Meta-analysis of Contrast_Auditory_greather_than_Tactile.....	17

Table S29: Meta-analysis of Contrast_Tactile_greather_than_Auditory.....	17
Table S30: Meta-analysis of Contrast_Gustatory_greather_than_Olfactory	18
Table S31: Meta-analysis of Contrast_Gustatory_greather_than_Visual.....	18
Table S32: Meta-analysis of Contrast_Gustatory_greather_than_Motor.....	18
Table S33: Meta-analysis of Contrast_Motor_greather_than_Gustatory.....	18
Table S34: Meta-analysis of Contrast_Motor_greather_than_Olfactory.....	19
Table S35: Meta-analysis of Contrast_Tactile_greather_than__Gustatory.....	21
Table S36: Meta-analysis of Contrast_Tactile_greather_than_Olfactory.....	21
Table S37: Meta-analysis of Contrast_Tactile_greather_than_Visual	21
Table S38: Meta-analysis of Contrast_Motor_greather_than_Tactile	21
Section 4: Balanced contrast results (all)	23
Table S39: Meta-analysis of Imagery_Motor_vs_Visual_Balanced_Contrast	23
Table S40: Meta-analysis of Imagery_Motor_vs_Auditory_Balanced_Contrast.....	23
Table S41: Meta-analysis of Imagery_Auditory_vs_Visual_Balanced_Contrast.....	23
Table S42: Meta-analysis of Imagery_Tactile_vs_Visual_Balanced_Contrast	23
Table S43: Meta-analysis of Imagery_Gustatory_vs_Visual_Balanced_Contrast.....	24
Table S44: Meta-analysis of Imagery_Tactile_vs_Olfactory_Balanced_Contrast	24
Table S45: Meta-analysis of Imagery_Tactile_vs_Gustatory_Balanced_Contrast_	24
Table S46: Meta-analysis of Imagery_Gustatory_vs_Olfactory_Balanced_Contrast	24
Table S47: Meta-analysis of Imagery_Auditory_vs_Tactile_Balanced_Contrast.....	24
Section 5: Main results (img>rest).....	25
Table S48: Meta-analysis of Auditory Imagery (n=26).....	25
Table S49: Meta-analysis of Visual Imagery (n=29)	25
Table S50: Meta-analysis of Motor Imagery (n=130)	26
Section 6: Conjunction results (img>rest)	27
Table S51: Meta-analysis of Conjunction between Motor and Auditory Imagery	27
Table S52: Meta-analysis of Conjunction between Motor and Visual Imagery.....	27
Section 7: Contrast results (img>rest)	28
Table S53: Meta-analysis of Contrast_Auditory_greater_than_Visual.....	28
Table S54: Meta-analysis of Contrast_Motor_greater_than_Auditory	28
Table S55: Meta-analysis of Contrast_Auditory_greater_than_Motor	29
Table S56: Meta-analysis of Contrast_Motor_greater_than_Visual	30
Table S57: Meta-analysis of Contrast_Visual_greater_than_Motor	31
Table S58: Meta-analysis of Contrast_Auditory_greater_than_Tactile	31
Table S59: Meta-analysis of Contrast_Motor_greather_than_Tactile	31
Section 8: Main results (img>rest_control)	33

Table S60: Meta-analysis of Auditory Imagery (n=35).....	33
Table S61: Meta-analysis of Visual Imagery (n=56).....	33
Table S62: Meta-analysis of Motor Imagery (n=208)	34
Table S63: Meta-analysis of Tactile Imagery (n=6)	34
Section 9: Conjunction results (img> rest_control)	35
Table S64: Meta-analysis of Conjunction between Motor and Auditory Imagery	35
Table S65: Meta-analysis of Conjunction between Motor and Visual Imagery.....	35
Table S66: Meta-analysis of Conjunction between Auditory and Visual Imagery.....	35
Table S67: Meta-analysis of Conjunction between Auditory and Motor and Visual Imagery.....	36
Table S68: Meta-analysis of Conjunction between Motor and Tactile Imagery	36
Table S69: Meta-analysis of Conjunction between Motor and Tactile and Auditory Imagery	36
Table S70: Meta-analysis of Conjunction between Auditory and Tactile Imagery	36
Section 10: Contrast results (img> rest_control)	37
Table S71: Meta-analysis of Contrast_Auditory_greater_than_Motor	37
Table S72: Meta-analysis of Contrast_Motor_greater_than_Auditory	37
Table S73: Meta-analysis of Contrast_Motor_greater_than_Visual	38
Table S74: Meta-analysis of Contrast_Visual_greater_than_Motor	39
Table S75: Meta-analysis of Contrast_Auditory_greater_than_Visual.....	39
Table S76: Meta-analysis of Contrast_Auditory_greater_than_Gustatory	40
Table S77: Meta-analysis of Contrast_Auditory_greather_than_Tactile.....	41
Table S78: Meta-analysis of Contrast_Tactile_greather_than_Auditory.....	41
Table S79: Meta-analysis of Contrast_Motor_greather_than_Tactile	41
Table S80: Meta-analysis of Contrast_Tactile_greather_than_Motor	42
Table S81: Meta-analysis of Contrast_Tactile_greather_than_Visual	42
Table S82: Meta-analysis of Contrast_Tactile_greather_than_Gustatory.....	42
Section 11: Sub-analyses Visual Imagery.....	43
Table S83: Meta-analysis of Visual Motion Imagery (n=25)	43
Table S84: Meta-analysis of Visual Form Imagery (n=53).....	43
Section 12: List of included papers.....	44
Table S85: Included papers.....	44

Information about supplementary tables

In this file, you will find all the analyses carried out and the detailed results for each of these analyses. Firstly, you will find the main analyses that were the subject of the results in the article, as well as the exploratory data, which includes data on tactile, gustatory, and olfactory imagery. Each time one of these types of imagery is analysed, the table showing the results is shown in grey.

Also, for all the analyses that included a type of imaging, the number of experiments that were the subject of these analyses was indicated.

To help you understand the tables, here is an indication of the figures between brackets in the 'Microanatomical location' column. These correspond to Brodmann areas.

In addition to the contrast analyses, you will find the balanced contrasts. This means that the minimum requirement of 20 experiments to carry out analyses is not necessary as the threshold level is different and allows a comparison of a very large number of studies with a smaller one.

Also, in addition to the analyses grouping all the articles collected; in order to avoid any bias linked to comparisons between subjects on different tasks, we carried out additional analyses of all the papers comparing only the imaging group and the resting baseline of these people, as well as those that made a comparison between the imaging and a control condition that was close to a resting baseline but not entirely so. These additional analyses enabled us to see whether the comparisons that could have been made in other papers did not remove areas of the brain that might have been of interest to us because of the contrast analyses that could have been carried out. As the results of the control analyses did not reveal any new areas of activation, only the principal results were analysed in greater depth in the paper.

Also, if you don't find an analysis or a conjunction, or a contrast between two types of imagery, or a sub-analysis, this means that there are no voxels activated for the analysis in question.

Section 1: Main analyses (all)

Table S1: Meta-analysis of All Imagery combined (n=439)

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
9028	8.13	L Temporal Pole (48)		-52	8	0
	7.97	L Insula Lobe (48)		-34	20	4
	5.69	L IFG (p. Triangularis) (45)		-44	28	26
	4.84	L Middle Frontal Gyrus (DLPFC)		-34	46	26
	4.60	L ACC (32)		-6	26	36
	4.32	L IFG (p. Triangularis) (45)		-42	36	16
	3.92	L IFG (p. Orbitalis) (47)		-44	42	-4
	3.67	L Middle Frontal Gyrus (45)		-40	46	8
3956	8.13	N/A (40)	L Area hIP1 (IPS)	-34	-50	42
	6.78	L Inferior Parietal Lobule (40)	L Area PFt (IPL)	-52	-32	42
	6.48	L Superior Temporal Gyrus (48)	L Area PFcm (IPL)	-54	-36	24
	5.61	L SupraMarginal Gyrus (48)		-52	-38	30
	5.20	L Postcentral Gyrus (48)	L Area PFop (IPL)	-62	-26	30
3325	8.13	R Precentral Gyrus (PMd)		54	2	44
	7.90	R Putamen		24	4	4
	7.82	R Insula Lobe (48)		36	20	4
	7.63	R IFG (p. Opercularis) (PMv)	R Area 44	56	10	22
	7.52	R IFG (p. Opercularis) (PMv)	R Area 44	56	12	12
	7.28	R IFG (p. Opercularis) (PMv)		54	8	36
	7.12	R IFG (p. Opercularis) (48)		50	10	4
2118	8.13	N/A (40)	R Area hIP2 (IPS)	42	-40	44
	7.49	R Superior Parietal Lobule (7)		18	-62	56
	6.02	R Inferior Parietal Lobule (7)	R Area hIP3 (IPS)	32	-54	46
	5.71	R Inferior Parietal Lobule (40)	R Area hIP3 (IPS)	36	-46	52
1101	8.08	N/A	L Lobule VI (Hem)	-32	-56	-32
	5.02	L Inferior Occipital Gyrus (37)		-48	-70	2
	4.90	L Inferior Temporal Gyrus (37)		-52	-60	-6
	4.45	L Fusiform Gyrus (37)	L Area FG4	-42	-54	-16
	4.39	L Fusiform Gyrus (37)	L Area FG4	-44	-58	-16
	3.92	L Inferior Temporal Gyrus (37)	L Area FG2	-50	-66	-16
668	8.13	R Cerebellum (Crus 1)	R Lobule VIIa crusI (Hem)	36	-56	-32

Table S2: Meta-analysis of Motor Imagery (n=284)

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
10550	8.13	L Temporal Pole (48)		-52	8	0
	7.81	R IFG (p. Opercularis) (PMv)	R Area 44	56	12	12
	7.25	R IFG (p. Opercularis) (PMv)	R Area 44	56	10	20
	7.18	L Precentral Gyrus (PMd)		-44	-4	44
	7.05	R IFG (p. Opercularis) (PMv)		54	8	36
	7.01	R Precentral Gyrus (PMd)		52	2	46
	6.94	R Insula Lobe (48)		36	20	4
	6.39	R Putamen		26	0	2
	6.12	L Insula Lobe (48)		-34	16	6
	4.89	R Putamen		20	14	2
	4.16	L IFG (p. Orbitalis) (47)		-32	20	-8

3665	8.13	N/A (40)		-36	-42	42
	6.85	L Inferior Parietal Lobule (7)	L Area 7PC (SPL)	-28	-54	60
	6.76	L Inferior Parietal Lobule (40)	L Area PFt (IPL)	-52	-32	42
	6.31	L Superior Temporal Gyrus (48)	L Area PFcm (IPL)	-54	-36	24
	5.34	L SupraMarginal Gyrus (2)	L Area PFop (IPL)	-62	-28	32
1832	8.13	R SupraMarginal Gyrus (40)	R Area 2	42	-38	46
	6.71	R Superior Parietal Lobule (7)	R Area 7A (SPL)	18	-62	62
	5.93	R Inferior Parietal Lobule (40)	R Area hIP3 (IPS)	36	-46	52
	4.79	R Inferior Parietal Lobule (40)	R Area hIP3 (IPS)	34	-52	46
	4.75	R Precuneus (7)		14	-68	50
	4.56	R Angular Gyrus (7)		28	-62	50
	4.21	R Postcentral Gyrus (S1)	R Area 2	50	-30	52
	4.20	R Postcentral Gyrus (S1)	R Area 2	48	-32	56
674	8.13	R Cerebelum (VI)	Lobule VIIa crus1 (Hem)	36	-58	-30
556	7.57	L Cerebelum (VI)	L Lobule VI (Hem)	-30	-60	-26
	7.28	L Cerebelum (VI)	L Lobule VI (Hem)	-32	-58	-30
383	5.04	L Middle Frontal Gyrus (DLPFC)		-38	40	22
	4.07	L Middle Frontal Gyrus (45)		-40	46	6
	3.96	L IFG (p. Triangularis) (45)		-42	30	26
	3.95	L IFG (p. Triangularis) (45)		-42	38	14
	3.72	L IFG (p. Orbitalis) (47)		-42	36	0

Table S3: Meta-analysis of Visual Imagery (n=92)

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
801	5.37	L Superior Parietal Lobule (7)		-20	-68	52
	5.32	L Inferior Parietal Lobule (7)	L Area hIP3 (IPS)	-40	-42	46
	4.34	L Inferior Parietal Lobule (7)	L Area hIP3 (IPS)	-32	-58	46
	3.88	L Inferior Parietal Lobule (40)	L Area hIP2 (IPS)	-52	-44	46
559	5.65	L Inferior Temporal Gyrus (37)		-52	-58	-8
	4.92	N/A (37)	L Area FG2	-48	-68	-14
	3.83	L Fusiform Gyrus (37)	L Area FG4	-42	-52	-16
416	5.71	L IFG (p. Opercularis) (PMv)	L Area 44	-46	6	28
325	5.31	L Precentral Gyrus (PMd)		-28	-4	52
255	6.21	R Middle Frontal Gyrus (PMd)		28	-4	58
231	4.32	L Posterior-Medial Frontal (preSMA)		-2	4	58
	4.03	L Superior Medial Gyrus (preSMA)		2	22	44
	3.84	L Superior Medial Gyrus (preSMA)		-4	18	48
	3.83	L Superior Medial Gyrus (preSMA)		-2	20	46
227	4.44	N/A (7)		20	-64	54
	4.26	R Superior Occipital Gyrus (7)		24	-72	40
161	5.21	R Supramarginal Gyrus (40)	R Area 2	44	-38	46
159	5.07	R Inferior Temporal Gyrus (37)		50	-56	-12

Table S4: Meta-analysis of Auditory Imagery (n=48)

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
873	6.24	L Posterior-Medial Frontal (pre-SMA)		-4	2	66
	5.77	L Posterior-Medial Frontal (pre-SMA)		0	10	58
	4.61	L MCC (SMA)		2	16	42
	4.47	L MCC (24)		-2	20	38
	4.03	L MCC (SMA)		-6	10	44
	3.51	L Posterior-Medial Frontal (pre-SMA)		0	20	62
766	6.25	L IFG (p. Opercularis) (PMv)	L Area 44	-50	10	20
	5.19	L Temporal Pole (38)	L Area TE 3	-54	6	-6
	5.08	L IFG (p. Orbitalis) (47)		-40	20	0
	5.06	L Insula Lobe (48)		-34	20	4
	4.04	N/A (45)	L Area 45	-58	24	6
	3.27	L IFG (p. Triangularis) (S1)	L Area 44	-50	12	6
215	5.03	L Superior Temporal Gyrus (A1-42)		-60	-42	24
212	7.15	R Precentral Gyrus (PMd)		54	2	46
175	6.75	L Precentral Gyrus (PMd)		-50	-2	50
153	4.61	L Inferior Parietal Lobule (7)		-32	-54	52
	4.47	L Inferior Parietal Lobule (40)		-32	-52	44
	4.09	N/A (40)	L Area hIP1 (IPS)	-36	-48	42
120	4.42	R Middle Temporal Gyrus (21)		52	-32	2
	3.72	R Superior Temporal Gyrus (A1-42)		50	-38	10

Table S5: Meta-analysis of Tactile Imagery (n=9)

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
114	4.85	N/A (40)	L Area hIP1 (IPS)	-34	-46	42
100	5.28	L Posterior-Medial Frontal (pre-SMA)		-8	12	56

Table S6: Meta-analysis of Gustatory Imagery (n=7)

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
230	5.57	L Insula lobe (48)		-38	-4	12

Table S7: Meta-analysis of All Imagery but not MI (n=155)

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
1180	6.96	L Posterior-Medial Frontal (pre-SMA)		-6	8	58
	6.55	L Posterior-Medial Frontal (pre-SMA)		-4	2	66
	5.17	R MCC (SMA)		2	20	42
	5.05	L Superior Medial Gyrus (pre-SMA)		-4	20	46
	3.84	L MCC (M1)		-6	8	44
	3.71	L ACC (24)		-4	28	32
1076	7.34	L IFG (p. Opercularis) (PMv)	L Area 44	-52	10	20
	5.85	L Precentral Gyrus (PMd)		-50	-2	50

	4.30	L IFG (p. Triangularis) (45)		-44	28	26
715	6.15	L Inferior Parietal Lobule (40)	L Area hIP1 (IPS)	-36	-46	44
	5.23	L Superior Parietal Lobule (18)		-22	-68	50
424	8.13	L Inferior Temporal Gyrus (37)	L Area FG2	-54	-60	-6
	7.49	L Inferior Occipital Gyrus (37)		-48	-68	-12
418	6.70	L IFG (p. Triangularis) (48)	L Area FG4	-34	22	4
	4.01	L Temporal Pole (38)		-52	6	-6
	3.78	L IFG (p. Orbitalis) (48)		-46	12	-6
	3.38	N/A (38)		-52	22	-6
346	5.69	R Middle Frontal Gyrus (PMd)		30	-2	54
	5.59	R Precentral Gyrus (PMd)		54	2	46
	5.53	R Precentral Gyrus (PMd)		52	4	48
321	4.75	R Insula Lobe (48)		48	10	0
	3.86	N/A (48)		56	14	2
	3.72	R Insula Lobe (48)		36	20	4
249	5.09	L Precentral Gyrus (PMd)		-28	-4	52
217	5.17	R SupraMarginal Gyrus (40)	R Area hIP2 (IPS)	44	-40	46
154	5.14	N/A (7)		18	-64	54
	3.27	R Precuneus (7)		12	-68	42

Section 2: Conjunction analyses (all)

Table S8: Meta-analysis of Conjunction between Auditory and Visual Imagery

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
116	4.32	L Posterior-Medial Frontal (pre-SMA)		-2	4	58
82	4.83	L IFG (p. Opercularis) (PMv)		-48	10	24
62	3.99	L Inferior Parietal Lobule (7)	L Area hIP1 (IPS)	-32	-54	46
	3.71	L Inferior Parietal Lobule (40)	L Area hIP1 (IPS)	-36	-48	44
33	3.71	L Superior Medial Gyrus (pre-SMA)		2	20	44

Table S9: Meta-analysis of Conjunction between Motor and Auditory Imagery

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
778	6.24	L Posterior-Medial Frontal (pre-SMA)		-4	2	66
	5.77	L Posterior-Medial Frontal (pre-SMA)		0	10	58
	4.61	L MCC (SMA)		2	16	42
	4.03	L MCC (pre-SMA)		-6	10	44
496	5.99	L IFG (p. Opercularis) (PMv)	L Area 44	-52	10	18
	5.06	L Insula Lobe (48)		-34	20	4
	4.70	L Temporal Pole (38)		-52	8	-4
	3.64	L IFG (p. Orbitalis) (48)		-40	16	-4
	3.27	L IFG (p. Triangularis) (S1)	L Area 44	-50	12	6
206	6.68	R Precentral Gyrus (PMd)		52	2	46
171	6.40	L Precentral Gyrus (PMd)		-48	-4	50
137	4.61	L Inferior Parietal Lobule (7)	L Area hIP3 (IPS)	-32	-54	52
	4.47	L Inferior Parietal Lobule (40)	L Area hIP1 (IPS)	-32	-52	44
	4.09	N/A (40)	L Area hIP1 (IPS)	-36	-48	42
78	4.47	L Superior Temporal Gyrus (48)	L Area PFcm (IPL)	-54	-40	24
	4.28	L Superior Temporal Gyrus	L Area PFcm (IPL)	-60	-38	24

Table S10: Meta-analysis of Conjunction between Motor and Visual Imagery

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
604	5.37	L Superior Parietal Lobule (7)		-20	-68	52
	5.32	L Inferior Parietal Lobule (40)	L Area hIP3 (IPS)	-40	-42	46
	4.06	L Inferior Parietal Lobule (7)	L Area hIP1 (IPS)	-34	-54	46
	3.51	L Inferior Parietal Lobule (7)	L Area hIP3 (IPS)	-30	-58	52
365	5.70	L IFG (p. Opercularis) (PMv)	L Area 44	-48	6	28
309	5.31	L Precentral Gyrus (PMd)		-28	-4	52
255	6.21	R Middle Frontal Gyrus (PMd)		28	-4	58
207	4.32	L Posterior-Medial Frontal (pre-SMA)		-2	4	58

	4.03	L Superior Medial Gyrus (pre-SMA)		2	22	44
	3.84	L Superior Medial Gyrus (pre-SMA)		-4	18	48
	3.83	L Superior Medial Gyrus (pre-SMA)		-2	20	46
157	5.21	R SupraMarginal Gyrus (40)	R Area 2	44	-38	46
124	4.44	N/A (7)		20	-64	54
	3.56	R Cuneus (7)		20	-70	44

Table S11: Meta-analysis of Conjunction between Auditory and Tactile Imagery

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
46	4.38	L Posterior-Medial Frontal (pre-SMA)		-6	10	58
41	4.08	N/A	L Area hIP1 (IPS)	-34	-50	42

Table S12: Meta-analysis of Conjunction between Motor and Gustatory Imagery

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
37	4.07	L Insula Lobe (PMd)		-42	2	8
21	3.99	L Putamen (48)		-32	-4	10

Table S13: Meta-analysis of Conjunction between Motor and Tactile Imagery

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
101	4.85	N/A (40)	L Area hIP1 (IPS)	-34	-46	42
98	5.28	L Posterior-Medial Frontal (pre-SMA)		-8	12	56

Table S14: Meta-analysis of Conjunction between Visual and Tactile Imagery

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
34	3.94	L Inferior Parietal Lobule (40)	L Area hIP1 (IPS)	-36	-46	44
33	3.98	L Posterior-Medial Frontal (pre-SMA)		-6	8	56

Table S15: Meta-analysis of Conjunction between Motor, Visual, Auditory Imagery

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
122	4.37	L Posterior-Medial Frontal (pre-SMA)		-2	4	58
64	4.66	L IFG (p. Opercularis) (PMv)	L Area 44	-50	8	24
56	3.99	L Inferior Parietal Lobule (7)	L Area hIP1 (IPS)	-32	-54	46
	3.71	L Inferior Parietal Lobule (40)	L Area hIP1 (IPS)	-36	-48	44
29	3.71	L Superior Medial Gyrus (pre-SMA)		2	20	44

Table S16: Meta-analysis of Conjunction between Motor, Visual and Tactile Imagery

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
34	3.94	L Inferior Parietal Lobule (40)	L Area hIP1 (IPS)	-36	-46	44
33	3.98	L Posterior-Medial Frontal (pre-SMA)		-6	8	56

Table S17: Meta-analysis of Conjunction between Motor, Auditory and Tactile Imagery

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
46	4.38	L Posterior-Medial Frontal (pre-SMA)		-6	10	58
41	4.08	N/A	L Area hIP1 (IPS)	-34	-50	42

Table S18: Meta-analysis of Conjunction between Visual, Auditory and Tactile Imagery

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
28	3.98	L Posterior-Medial Frontal (pre-SMA)		-6	8	56
19	3.71	L Inferior Parietal Lobule (40)	L Area hIP1 (IPS)	-36	-48	44

Table S19: Meta-analysis of Conjunction between Motor, Visual, Auditory and Tactile Imagery

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
28	3.98	L Posterior-Medial Frontal (pre-SMA)		-6	8	56
19	3.71	L Inferior Parietal Lobule (40)	L Area hIP1 (IPS)	-36	-48	44

Section 3: Contrast results (all)

Table S20: Meta-analysis of Contrast_Auditory_greater_than_Visual

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
413	4.47	L Posterior-Medial Frontal (6)		0	8	64
378	3.54	L Temporal Pole (38)	L Area TE 3	-50	10	20
	3.35	L IFG (p. Triangularis) (48)	L Area 44	-52	6	-6
	3.29	L IFG (p. Triangularis) (48)		-40	20	0
	3.01	L IFG (p. Triangularis) (48)	L Area 44	-34	20	4
	2.49	L IFG (p. Orbitalis) (48)	L Area 44	-58	20	4
	2.22	L IFG (p. Opercularis) (6)	L Area 44	-50	12	6
209	7.15	R Precentral Gyrus (PMd)		54	2	46
198	5.03	L Superior Temporal Gyrus (A1-42)		-60	-42	24
163	6.11	L Precentral Gyrus (6)		-50	-4	52
	3.72	L Precentral Gyrus (6)		-50	-2	48
141	3.24	L IFG (p. Orbitalis) (48)		-44	16	0
	1.68	L Insula Lobe (48)		-32	18	6
120	2.66	L MCC (24)		-2	14	40
111	3.66	R Middle Temporal Gyrus (21)		50	-30	0
	3.09	R Superior Temporal Gyrus (A1)		54	-38	12

Table S21: Meta-analysis of Contrast_Auditory_greater_than_Motor

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
873	6.24	L Posterior-Medial Frontal (pre-SMA)		-4	2	66
	5.77	L Posterior-Medial Frontal (pre-SMA)		0	10	58
	4.61	L MCC (SMA)		2	16	42
	4.47	L MCC (24)		-2	20	38
	4.03	L MCC (pre-SMA)		-6	10	44
	3.51	L Posterior-Medial Frontal (pre-SMA)		0	20	62
764	6.25	L IFG (p. Opercularis) (PMv)	L Area 44	-50	10	20
	5.09	L Temporal Pole (38)		-52	6	-6
	5.08	L IFG (p. Orbitalis) (47)		-40	20	0
	5.06	L Insula Lobe (48)		-34	20	4
	3.54	N/A (48)	L Area 45	-58	20	4
	3.27	L IFG (p. Triangularis) (S1)	L Area 44	-50	12	6
215	5.03	L Superior Temporal Gyrus (A1-42)		-60	-42	24
212	7.15	R Precentral Gyrus (PMd)		54	2	46
175	6.75	L Precentral Gyrus (PMd)		-50	-2	50
153	4.61	L Inferior Parietal Lobule (7)		-32	-54	52
	4.47	L Inferior Parietal Lobule (40)		-32	-52	44
	4.08	N/A (40)		-36	-48	42

Table S22: Meta-analysis of Contrast_Motor_greater_than_Auditory

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
2007	8.13	N/A (PMd)		-22	-10	50
	3.72	N/A (PMd)		-30	-8	46
	3.54	L Posterior-Medial Frontal (SMA)		-4	-12	68
	3.18	R Posterior-Medial Frontal (SMA)		4	-14	64
	2.95	R Posterior-Medial Frontal (SMA)		8	-12	62
	2.88	R Posterior-Medial Frontal (SMA)		8	-16	68
1939	8.13	L Inferior Parietal Lobule (40)	L Area PFt (IPL)	-40	-36	46
	7.84	L Superior Parietal Lobule (7)	L Area 7A (SPL)	-18	-62	58
	3.72	L Inferior Parietal Lobule (40)	L Area PFt (IPL)	-54	-34	50
	3.19	L Superior Parietal Lobule (7)	L Area 5L (SPL)	-30	-50	66
	2.97	L SupraMarginal Gyrus (2)	L Area PFt (IPL)	-60	-26	46
433	3.29	R Precentral Gyrus (PMd)		30	-10	62
	3.24	R Precentral Gyrus (SMA)		36	-10	60
	3.04	N/A (PMd)		20	-8	58
	2.89	N/A (PMd)		20	-10	54
	2.42	N/A (PMd)		34	-4	46
	2.30	R Middle Frontal Gyrus (PMd)		36	-2	48
352	3.35	R Postcentral Gyrus (S1)	R Area 3b	42	-32	58
	3.17	R Postcentral Gyrus (S1)	R Area 4p	38	-34	58
	3.16	R Postcentral Gyrus (S1)	R Area 4p	34	-34	56
	3.12	R Postcentral Gyrus (S1)	R Area 4p	36	-30	56
	2.21	R Postcentral Gyrus (2)	R Area 2	32	-44	60
274	3.04	R Superior Parietal Lobule	R Area 7A (SPL)	22	-64	66
	2.91	R Superior Parietal Lobule	R Area hIP3 (IPS)	26	-62	60
	2.89	R Superior Parietal Lobule	R Area 7A (SPL)	16	-62	68
	2.67	R Superior Parietal Lobule (5)		16	-60	62
	2.64	R Precuneus (5)	R Area 5L (SPL)	10	-58	64
171	2.89	L Putamen		-26	-8	12
162	2.85	L IFG (p. Opercularis) (PMv)	L Area 44	-58	8	30
88	2.49	R IFG (p. Opercularis) (PMv)	R Area 44	56	4	32
78	2.56	L Cerebellum (VI)	L Lobule VI (Hem)	-22	-64	-22
47	2.41	L IFG (p. Orbitalis) (47)		-40	38	2
31	2.10	L Temporal Pole (PMv)		-56	6	4
27	2.08	R Putamen (48)		30	-4	-2
	1.98	N/A (48)		26	-4	-4

Table S23: Meta-analysis of Contrast_Motor_greater_than_Visual

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
3332	8.13	L Temporal Pole (PMv)		-52	6	2
	7.05	L Superior Frontal Gyrus (PMd)		-20	0	62
	6.92	N/A (PMd)		-16	-4	56
	5.84	L Precentral Gyrus (M1)		-46	-8	54
	3.72	L IFG (p. Opercularis) (S1)	L Area 44	-60	12	10

	3.54	L Precentral Gyrus (M1)		-52	-8	48
	3.29	L MCC (pre-SMA)		-6	10	48
	3.24	L MCC (pre-SMA)		-2	10	48
	3.04	L Precentral Gyrus (PMd)		-38	-4	64
	2.93	L Precentral Gyrus (PMd)		-34	-2	66
	2.88	L Precentral Gyrus (PMv)		-56	-2	42
1450	8.13	L Inferior Parietal Lobule (40)		-36	-46	54
	3.24	L Inferior Parietal Lobule (S1)	L Area 2	-56	-28	46
	3.15	L Superior Temporal Gyrus (A1-41)	L Area OP1 [SII]	-52	-32	18
	3.09	L SupraMarginal Gyrus	L Area PFt (IPL)	-66	-30	36
	3.04	L SupraMarginal Gyrus (40)	L Area PF (IPL)	-64	-34	30
	2.99	L Postcentral Gyrus (M1)	L Area PFt (IPL)	-62	-24	38
	2.91	L Superior Parietal Lobule (5)	L Area 5L (SPL)	-16	-54	68
	2.74	L Superior Parietal Lobule	L Area 5L (SPL)	-24	-54	66
	2.64	L Superior Temporal Gyrus (48)	L Area PFcm (IPL)	-56	-40	28
	2.34	L Inferior Parietal Lobule (40)		-34	-34	42
	2.33	N/A (40)		-32	-36	40
444	8.13	R Cerebelum (Crus 1)	R Lobule VI (Hem)	34	-58	-28
	3.72	R Cerebelum (VI)	R Lobule VI (Hem)	28	-60	-26
	3.19	N/A	R Lobule VI (Hem)	32	-46	-34
424	3.24	R Precentral Gyrus (PMd)		48	-4	44
	3.24	R Precentral Gyrus (PMd)		48	-6	48
	3.16	R Precentral Gyrus (PMd)		52	-4	46
	3.06	R Precentral Gyrus (M1)		34	-14	58
	3.01	R Precentral Gyrus (M1)		36	-12	60
	2.82	R Middle Frontal Gyrus (M1)		38	-8	60
	2.59	R Precentral Gyrus (M1)		40	-12	56
	2.44	R Middle Frontal Gyrus (PMd)		40	-2	62
	2.17	N/A (PMd)		20	-10	54
366	7.11	L Cerebelum (VI)	L Lobule VI (Hem)	-28	-60	-24
	3.72	L Cerebelum (VI)	L Lobule VI (Hem)	-24	-64	-24
333	3.72	R IFG (p. Opercularis) (PMv)	R Area 44	56	6	12
	3.24	R IFG (p. Opercularis) (SMA)	R Area 44	64	10	14
144	2.83	L Middle Frontal Gyrus (DLPFC)		-34	40	24
132	2.46	N/A (48)		30	16	8
	2.43	R Putamen (48)		26	16	4
	1.85	R Putamen (48)		26	8	10
125	3.04	R Postcentral Gyrus (3)	R Area 2	48	-26	52
	2.83	R Postcentral Gyrus (3)	R Area 1	46	-28	56
	2.60	R Postcentral Gyrus (3)	R Area 3b	40	-30	52
75	2.45	L Putamen (48)		-32	-6	6
	1.85	L Putamen		-26	-10	10
64	2.99	R Pallidum		28	-8	0
52	2.47	R Superior Parietal Lobule (5)	R Area 7PC (SPL)	22	-56	62
50	2.22	N/A (48)		-26	12	6
	1.84	L Putamen		-24	6	12
	1.76	L Insula Lobe (48)		-34	12	8

Table S24: Meta-analysis of Contrast_Visual_greater_than_Motor

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
801	5.37	L Superior Parietal Lobule (7)		-20	-68	52
	5.32	L Inferior Parietal Lobule (40)	L Area hIP3 (IPS)	-40	-42	46
	4.32	L Inferior Parietal Lobule (7)	L Area hIP1 (IPS)	-32	-56	46
	3.75	L Inferior Parietal Lobule (40)	L Area hIP2 (IPS)	-50	-44	46
	3.64	L Superior Occipital Gyrus (7)		-20	-68	42
416	5.71	L IFG (p. Opercularis) (PMv)	L Area 44	-46	6	28
325	3.78	L Inferior Temporal Gyrus (37)		-52	-62	-2
	3.72	L Fusiform Gyrus (37)	L Area FG4	-42	-54	-16
	3.51	L Fusiform Gyrus (37)	L Area FG4	-38	-52	-18
	3.43	L Inferior Temporal Gyrus (37)		-56	-62	0
	3.35	L Inferior Temporal Gyrus (37)		-48	-62	-4
	3.19	L Fusiform Gyrus (19)	L Area FG2	-46	-64	-16
	3.09	L Inferior Occipital Gyrus (19)	L Area FG2	-48	-70	-8
	2.19	L Inferior Temporal Gyrus (37)		-52	-52	-4
	1.98	L Inferior Temporal Gyrus (20)		-50	-50	-8
	1.84	L Fusiform Gyrus (19)	L Area FG2	-42	-70	-14
324	5.31	L Precentral Gyrus (PMd)		-28	-4	52
255	6.21	R Middle Frontal Gyrus (PMd)		28	-4	58
231	4.32	L Posterior-Medial Frontal (pre-SMA)		-2	4	58
	4.03	L Superior Medial Gyrus (pre-SMA)		2	22	44
	3.84	L Superior Medial Gyrus (pre-SMA)		-4	18	48
	3.83	L Superior Medial Gyrus (pre-SMA)		-2	20	46
214	4.44	N/A (7)		20	-64	54
	3.56	R Cuneus (7)		20	-70	44
	3.43	R Superior Occipital Gyrus (7)		24	-68	42
	2.56	R Middle Occipital Gyrus (19)		28	-74	36
161	5.21	R SupraMarginal Gyrus (40)	R Area 2	44	-38	46
65	3.06	R Inferior Temporal Gyrus (37)		54	-58	-6
	2.71	R Inferior Temporal Gyrus (37)		52	-62	-8
	2.15	R Inferior Temporal Gyrus (20)	R Area FG4	48	-52	-16
	2.14	R Inferior Temporal Gyrus (37)	R Area FG4	46	-52	-12
	2.07	R Inferior Temporal Gyrus (37)	R Area FG4	48	-60	-12

Table S25: Meta-analysis of Conjunction Motor greater than Visual and Auditory Imagery

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
1137	8.13	L Posterior-Medial Frontal (SMA)		-6	-6	56
	7.05	L Superior Frontal Gyrus (PMd)		-20	0	62
	6.92	N/A (PMd)		-16	-4	56
	2.95	R Posterior-Medial Frontal (SMA)		8	-12	62
	2.36	L Middle Frontal Gyrus (PMd)		-32	-2	62
	2.11	L Precentral Gyrus (M1)		-30	-14	52
	2.09	L Precentral Gyrus (PMd)		-34	-8	60
	2.06	L Precentral Gyrus (M1)		-36	-12	54
829	8.13	L Inferior Parietal Lobule (40)		-40	-46	54

	2.97	L SupraMarginal Gyrus (2)	L Area PFt (IPL)	-60	-26	46
	2.91	L Superior Parietal Lobule (5)	L Area 5L (SPL)	-16	-54	68
	2.74	L Superior Parietal Lobule	L Area 5L (SPL)	-24	-54	66
	2.34	L Inferior Parietal Lobule (40)		-34	-34	42
	2.33	N/A (40)		-32	-36	40
113	3.01	R Precentral Gyrus (M1)		36	-12	60
	2.82	R Middle Frontal Gyrus (pre-SMA)		38	-8	60
	2.17	N/A (PMd)		20	-10	54
76	2.56	L Cerebelum (VI)	L Lobule VI (Hem)	-22	-64	-22
73	2.45	L Putamen (48)		-32	-6	6
	1.85	L Putamen		-26	-10	10
68	2.76	R Postcentral Gyrus (S1)	R Area 1	44	-28	58
	2.60	R Postcentral Gyrus (S1)	R Area 3b	40	-30	52
32	2.21	N/A (PMv)	L Area 44	-62	4	30
30	2.10	L Temporal Pole (PMv)		-56	6	4
26	2.08	R Putamen (48)		30	-4	-2
	1.98	N/A (48)		26	-4	-4
19	1.88	R Superior Parietal Lobule (7)	R Area 7A (SPL)	24	-60	64
	1.85	R Superior Parietal Lobule (5)	R Area 5L (SPL)	20	-58	62

Table S26: Meta-analysis of Contrast_Auditory_greather_than_Gustatory

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
342	3.92	L MCC (32)		-6	20	40
	3.67	R MCC (pre-SMA)		2	14	46
	3.51	L ACC (24)		0	22	36
	3.37	L Posterior-Medial Frontal (pre-SMA)		0	8	50
	3.35	L MCC (24)		-4	12	40
	3.32	R MCC (pre-SMA)		4	10	50
	3.29	R MCC (32)		6	18	40
	3.19	L MCC (pre-SMA)		0	10	44
	3.16	R MCC (24)		4	22	38
	3.15	L Superior Medial Gyrus (pre-SMA)		-4	14	46
	2.95	R MCC (24)		2	16	38
155	5.03	L Superior Temporal Gyrus (48)		-62	-42	24
	3.64	L Superior Temporal Gyrus (48)	L Area PF (IPL)	-60	-46	28
	3.63	L Superior Temporal Gyrus	L Area PF (IPL)	-66	-40	24
	3.57	L Superior Temporal Gyrus (A1-42)		-58	-42	18
	3.38	L Superior Temporal Gyrus (A1-42)	L Area PFcm (IPL)	-52	-42	20
	3.16	L Superior Temporal Gyrus (48)	L Area PFcm (IPL)	-52	-42	26
	3.12	L Superior Temporal Gyrus (22)		-64	-42	18
	2.99	L Superior Temporal Gyrus (A1-42)	L Area PFcm (IPL)	-56	-42	28
	2.97	L SupraMarginal Gyrus (48)	L Area PFcm (IPL)	-56	-44	32
	2.66	L SupraMarginal Gyrus (48)	L Area PFcm (IPL)	-52	-40	30
	2.47	L Superior Temporal Gyrus (48)	L Area PF (IPL)	-64	-44	28
101	3.43	R Superior Temporal Gyrus (22)		54	-30	4
	3.23	R Middle Temporal Gyrus (21)		48	-40	6
	2.99	R Middle Temporal Gyrus (21)		48	-42	10
	2.93	R Middle Temporal Gyrus (21)		46	-38	8

	2.71	R Superior Temporal Gyrus (22)		54	-24	4
	2.68	R Superior Temporal Gyrus (A1-42)		54	-38	10
	2.51	R Middle Temporal Gyrus (21)		50	-34	0
72	3.72	L Inferior Parietal Lobule (7)	L Area hIP3 (IPS)	-32	-56	50
	3.35	L Inferior Parietal Lobule (7)	L Area hIP3 (IPS)	-32	-60	54
	3.29	N/A (40)	L Area hIP1 (IPS)	-36	-46	40
	3.23	N/A (7)		-28	-54	42
	2.97	L Inferior Parietal Lobule (7)	L Area hIP1 (IPS)	-30	-52	46
	2.91	L Inferior Parietal Lobule (40)	L Area hIP1 (IPS)	-32	-54	44
	2.81	L Inferior Parietal Lobule (40)	L Area hIP3 (IPS)	-34	-56	58
	2.73	L Inferior Parietal Lobule (7)	L Area hIP3 (IPS)	-32	-54	54
	2.51	L Inferior Parietal Lobule (40)	L Area hIP1 (IPS)	-38	-48	44
	2.39	N/A (40)		-30	-48	42
	2.28	L Inferior Parietal Lobule (7)	L Area hIP3 (IPS)	-36	-60	58
30	4.46	R Middle Frontal Gyrus (PMd)		50	6	52
	3.34	R Precentral Gyrus (PMd)		46	4	56
	3.21	R Precentral Gyrus (PMd)		50	2	54
	2.60	R Precentral Gyrus (PMd)		52	0	52

Table S27: Meta-analysis of Contrast_Gustatory_greather_than_Auditory

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
46	2.91	L Insula Lobe		-40	6	8
	2.79	L Insula Lobe (48)		-40	4	4
	2.70	L Insula Lobe (pre-SMA)		-44	2	6

Table S28: Meta-analysis of Contrast_Auditory_greather_than_Tactile

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
97	3.32	R MCC (24)		4	22	38
	3.12	R MCC (24)		2	16	38
	2.19	R MCC (SMA)		6	20	42
	2.19	R MCC (pre-SMA)		4	16	44
39	4.07	R Precentral Gyrus (PMd)		58	6	44
	2.26	R Precentral Gyrus (PMv)		60	2	42
	2.26	R Precentral Gyrus (PMd)		58	0	44
	1.88	R Precentral Gyrus (PMd)		54	4	42
	1.83	R IFG (p. Opercularis) (PMd)		50	8	44
26	2.03	R Posterior-Medial Frontal (pre-SMA)		6	14	62

Table S29: Meta-analysis of Contrast_Tactile_greather_than_Auditory

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
91	4.38	L Posterior-Medial Frontal (pre-SMA)		-6	10	58
	2.93	L Posterior-Medial Frontal (pre-SMA)		-8	12	50
	2.62	L Posterior-Medial Frontal (pre-SMA)		-6	16	52
	2.20	L Posterior-Medial Frontal (pre-SMA)		-10	16	52
73	3.35	L Inferior Parietal Lobule (40)	L Area hIP1 (IPS)	-34	-52	44
	3.16	N/A (40)	L Area hIP1 (IPS)	-36	-48	40

Table S30: Meta-analysis of Contrast_Gustatory_greather_than_Olfactory

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
230	5.52	L Insula Lobe (48)		-36	-4	12
	4.94	L Insula Lobe (PMd)		-40	-4	14
	4.20	L Insula Lobe (48)		-38	0	10
	3.85	L Insula Lobe (48)		-44	-4	8
	3.73	L Insula Lobe (48)		-34	-6	16
	3.69	L Insula Lobe (48)		-40	2	4
	3.54	L Insula Lobe (48)		-42	4	6

Table S31: Meta-analysis of Contrast_Gustatory_greather_than_Visual

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
230	5.57	L Insula Lobe (48)		-38	-4	12

Table S32: Meta-analysis of Contrast_Gustatory_greather_than_Motor

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
230	5.57	L Insula Lobe (48)		-38	-4	12

Table S33: Meta-analysis of Contrast_Motor_greather_than_Gustatory

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
3312	8.13	L MCC (pre-SMA)		-4	12	44
	7.61	L Precentral Gyrus (PMd)		-32	-2	50
	7.27	L Middle Frontal Gyrus (PMd)		-28	2	66
	7.23	N/A (PMd)		-28	2	50
	7.10	R Superior Frontal Gyrus (PMd)		26	-6	62
	6.63	N/A (PMd)		-22	0	50
	6.21	L Middle Frontal Gyrus (PMd)		-24	4	54
	5.35	R MCC (pre-SMA)		8	14	50
	5.14	L MCC (S1)		-4	0	48
	4.71	L Middle Frontal Gyrus (PMd)		-36	4	54
	4.56	R MCC (pre-SMA)		6	6	50
2562	8.13	L Inferior Parietal Lobule (40)		-36	-42	46
	7.51	L Inferior Parietal Lobule (40)	L Area 2	-40	-46	58
	7.49	L Inferior Parietal Lobule (40)		-38	-36	42
	6.71	L Inferior Parietal Lobule (40)	L Area hIP3 (IPS)	-32	-52	54
	5.95	L Inferior Parietal Lobule (40)		-44	-44	56
	5.81	N/A (40)	L Area hIP1 (IPS)	-40	-46	42
	5.47	L Superior Parietal Lobule (7)	L Area 7A (SPL)	-26	-58	64
	5.37	L Superior Parietal Lobule (7)	L Area 7PC (SPL)	-32	-54	62
	5.04	L Inferior Parietal Lobule (40)	L Area hIP2 (IPS)	-46	-44	48
	4.89	L Superior Parietal Lobule (7)		-22	-58	52
	4.65	L Inferior Parietal Lobule (7)	L Area hIP1 (IPS)	-30	-52	48
915	5.65	R Postcentral Gyrus (M1)	R Area 3b	38	-36	52
	3.72	R Postcentral Gyrus (S1)	R Area 3A	34	-34	50
	3.61	R SupraMarginal Gyrus (S1)	R Area PFt (IPL)	52	-30	44
	3.54	R SupraMarginal Gyrus (40)		58	-34	44
	3.43	N/A (40)		34	-34	42

	3.35	R Superior Occipital Gyrus (7)		26	-66	50
	3.26	R SupraMarginal Gyrus (S1)	R Area 2	54	-30	48
	3.19	R Postcentral Gyrus (S1)	R Area 2	44	-34	54
	3.18	R Inferior Parietal Lobule (2)	R Area 2	48	-38	56
	3.16	N/A (7)		28	-56	48
	3.13	R Precuneus (7)		12	-72	54
319	3.54	N/A (48)		30	20	8
	3.43	R Putamen		28	6	4
	3.29	R Putamen (48)		22	14	4
	3.24	R Putamen		22	2	4
	3.19	R Insula Lobe (45)		42	20	4
	3.16	R Putamen		22	2	10
	3.09	R IFG (p. Orbitalis) (47)		32	20	0
	3.06	R Putamen (48)		22	14	-2
	2.93	R Putamen (48)		26	8	0
	2.88	R IFG (p. Orbitalis) (47)		34	24	0
	2.86	R IFG (p. Opercularis) (PMd)	R Area 45	62	12	12
224	6.12	L Cerebelum (VI)	L Lobule VI (Hem)	-28	-60	-30
	3.54	L Cerebelum (VIII)		-28	-58	-36
	3.49	N/A		-24	-56	-28
	3.35	L Cerebelum (VI)	L Lobule VI (Hem)	-28	-66	-20
	3.19	N/A		-32	-56	-36
	3.09	L Cerebelum (Crus 1)	L Lobule VIIa crusI (Hem)	-36	-58	-30
	3.06	L Cerebelum (VII)		-36	-52	-36
	3.01	L Cerebelum (VI)	L Lobule VI (Hem)	-24	-62	-26
	2.83	L Cerebelum (VI)	L Lobule VI (Hem)	-36	-60	-20
	2.82	L Cerebelum (VI)	L Lobule VI (Hem)	-30	-56	-24
	2.74	L Cerebelum (VI)	L Lobule VI (Hem)	-24	-62	-20
127	3.72	R Cerebelum (VI)	R Lobule VI (Hem)	26	-68	-26
	3.28	N/A		30	-64	-34
	3.19	R Cerebelum (Crus 1)	R Lobule VIIa crusI (Hem)	32	-64	-30
	3.04	N/A		38	-54	-36
	3.01	R Cerebelum (Crus 1)	R Lobule VIIa crusI (Hem)	42	-62	-28
	2.95	R Cerebelum (VI)	R Lobule VI (Hem)	32	-64	-22
	2.85	R Cerebelum (VI)	R Lobule VI (Hem)	34	-62	-24
	2.82	R Cerebelum (VI)	R Lobule VI (Hem)	24	-64	-26
	2.77	R Cerebelum (Crus 1)	R Lobule VIIa crusI (Hem)	44	-60	-22
	2.72	R Cerebelum (Crus 1)	R Lobule VIIa crusI (Hem)	38	-62	-26
	2.71	N/A		36	-60	-36

Table S34: Meta-analysis of Contrast_Motor_greather_than_Olfactory

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
7856	8.13	L Posterior-Medial Frontal (pre-SMA)		-8	6	50
	7.94	L Middle Frontal Gyrus (PMd)		-22	2	58
	7.81	L Superior Frontal Gyrus (PMd)		-22	-6	64
	7.61	L Precentral Gyrus (PMd)		-32	-2	50
	7.46	L Precentral Gyrus (PMv)		-52	2	38
	7.23	N/A (PMd)		-28	2	50
	7.12	L Posterior-Medial Frontal (SMA)		0	-2	70
	7.11	L IFG (p. Opercularis) (PMv)		-52	6	26
	7.04	L Precentral Gyrus (PMd)		-46	-6	46
	6.93	L Superior Frontal Gyrus (PMd)		-20	0	54
	6.82	L Posterior-Medial Frontal (pre-SMA)		-4	8	64
555	3.72	R Superior Parietal Lobule (5)		18	-58	62

	3.70	R Superior Occipital Gyrus (pre-SMA)		26	-66	50
	3.65	R Angular Gyrus (7)		30	-64	46
	3.54	R Postcentral Gyrus (S1)	R Area 3a	34	-34	50
	3.44	N/A (7)		22	-64	46
	3.43	R Superior Parietal Lobule (7)	R Area 7A (SPL)	20	-62	60
	3.35	N/A (40)		34	-34	42
	3.29	R Precuneus (7)		16	-66	52
	3.19	R Inferior Parietal Lobule (40)	R Area hIP3 (IPS)	38	-52	50
	3.13	R Precuneus (7)		12	-72	54
	3.12	N/A (40)		50	-34	40
543	8.13	L Inferior Parietal Lobule (40)		-36	-42	46
	3.43	L Inferior Parietal Lobule (40)		-36	-34	44
	3.35	L Postcentral Gyrus (S1)	L Area 3a	-38	-32	50
	3.24	L Inferior Parietal Lobule (40)	L Area 2	-34	-44	56
	3.16	L Postcentral Gyrus (40)	L Area 2	-36	-40	56
	3.06	N/A (40)		-38	-38	38
	3.04	N/A (40)	L Area hIP2 (IPS)	-42	-46	40
	2.99	N/A		-32	-40	38
	2.97	N/A (40)	L Area hIP1 (IPS)	-36	-42	40
	2.93	L Inferior Parietal Lobule (S1)	L Area 3a	-38	-30	44
	2.83	N/A (40)	L Area hIP1 (IPS)	-38	-52	40
294	7.13	R Cerebelum (VI)	R Lobule VI (Hem)	30	-58	-26
	3.72	R Cerebelum (Crus 1)	R Lobule VIIa crusI (Hem)	32	-60	-32
	3.54	R Cerebelum (Crus 1)	R Lobule VIIa crusI (Hem)	32	-64	-30
	3.28	N/A		30	-64	-34
	3.19	R Cerebelum (VI)	R Lobule VI (Hem)	26	-68	-26
	3.06	N/A	R Lobule VIIa crusI (Hem)	36	-58	-34
	3.01	N/A		26	-58	-32
	2.99	N/A		38	-54	-36
	2.89	R Cerebelum (VI)	R Lobule VI (Hem)	26	-62	-24
	2.88	R Cerebelum (Crus 1)	R Lobule VIIa crusI (Hem)	36	-58	-26
	2.85	R Cerebelum (Crus 1)	R Lobule VIIa crusI (Hem)	42	-62	-28
201	4.68	L Superior Temporal Gyrus (48)	L Area OP1 [SII]	-50	-34	26
	4.17	L Superior Temporal Gyrus (A1-42)		-56	-40	22
	3.54	L Superior Temporal Gyrus (48)	L Area PFop (IPL)	-58	-34	26
	3.24	L SupraMarginal Gyrus (48)	L Area PFop (IPL)	-62	-30	28
	3.19	L Superior Temporal Gyrus (48)	L Area PFcm (IPL)	-48	-38	26
	3.01	L SupraMarginal Gyrus (48)	L Area OP1 [SII]	-54	-30	24
	2.91	L Superior Temporal Gyrus (A1-42)	L Area PFcm (IPL)	-54	-38	18
	2.81	L Superior Temporal Gyrus (48)	L Area PFcm (IPL)	-54	-36	22
	2.75	L Postcentral Gyrus (48)	L Area OP1 [SII]	-60	-24	22
	2.69	L Postcentral Gyrus (48)	L Area PFop (IPL)	-64	-26	24
	2.51	L Superior Temporal Gyrus (48)	L Area PF (IPL)	-62	-36	26
159	3.72	L Cerebelum (VI)	L Lobule VI (Hem)	-28	-60	-30
	3.54	L Cerebelum (VIII)		-28	-58	-36
	3.43	N/A		-24	-56	-28
	3.24	L Cerebelum (VII)		-36	-52	-36
	3.12	L Cerebelum (Crus 1)	L Lobule VIIa crusI (Hem)	-38	-60	-32
	3.06	L Cerebelum (VI)	L Lobule VI (Hem)	-26	-58	-26
	2.97	L Cerebelum (VI)	L Lobule VI (Hem)	-34	-54	-24
	2.95	L Cerebelum (Crus 1)	L Lobule VI (Hem)	-34	-58	-30
	2.91	L Cerebelum (VI)	L Lobule VI (Hem)	-30	-56	-24
	2.86	L Cerebelum (Crus 1)	L Lobule VIIa crusI (Hem)	-38	-52	-28
	2.59	L Cerebelum (Crus 1)		-36	-58	-36

Table S35: Meta-analysis of Contrast_Tactile_greather_than__Gustatory

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
113	4.51	N/A (40)		-32	-46	44
	4.16	N/A (40)		-34	-44	38
	3.94	L Inferior Parietal Lobule (40)	L Area hIP1 (IPS)	-36	-48	44
	3.60	N/A (40)	L Area hIP1 (IPS)	-34	-52	40
	3.16	L Inferior Parietal Lobule (40)		-34	-40	42
27	3.35	L Posterior-Medial Frontal (pre-SMA)	L Area hIP1 (IPS)	-8	12	50
	3.16	L Posterior-Medial Frontal (pre-SMA)	L Area hIP1 (IPS)	-6	8	52

Table S36: Meta-analysis of Contrast_Tactile_greather_than__Olfactory

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
114	4.16	N/A (40)		-34	-44	38
	3.38	L Inferior Parietal Lobule (40)		-34	-40	42
	3.04	N/A (40)	L Area hIP1 (IPS)	-34	-44	44
	2.30	N/A (40)	L Area hIP1 (IPS)	-34	-54	40
71	4.35	L Posterior-Medial Frontal (pre-SMA)		-8	8	54
	3.36	L Superior Frontal Gyrus (pre-SMA)		-12	8	56
	3.31	L Posterior-Medial Frontal (pre-SMA)		-8	8	60
	2.29	L Posterior-Medial Frontal (pre-SMA)		-4	12	58
	1.85	L Posterior-Medial Frontal (pre-SMA)		-4	12	52

Table S37: Meta-analysis of Contrast_Tactile_greather_than__Visual

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
112	3.72	N/A (40)		-34	-46	38
93	3.19	L Posterior-Medial Frontal (pre-SMA)		-10	10	52

Table S38: Meta-analysis of Contrast_Motor_greather_than__Tactile

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
670	5.74	R Superior Frontal Gyrus (PMd)		26	-8	64
	5.55	N/A (PMd)		24	-12	60
	5.23	R Superior Frontal Gyrus (PMd)		22	-8	62
	3.43	N/A (PMd)		20	-8	56
	3.34	L Posterior-Medial Frontal (SMA)		-8	-14	66
	3.29	N/A (PMd)		20	-12	58
	3.25	R Superior Frontal Gyrus (SMA)		16	-10	68
	3.24	L Posterior-Medial Frontal (SMA)		-4	-14	64
	3.15	R Posterior-Medial Frontal (SMA)		2	-14	64
	3.12	R Posterior-Medial Frontal (SMA)		8	-14	66
	3.01	R Posterior-Medial Frontal (SMA)		10	-18	68
477	5.55	R IFG (p. Opercularis) (PMv)	R Area 44	52	8	18
	5.09	R IFG (p. Opercularis) (PMv)	R Area 44	54	6	22
	3.54	R IFG (p. Opercularis) (PMv)		50	4	34
	3.51	R IFG (p. Opercularis) (PMv)	R Area 45	48	6	26
	3.43	R IFG (p. Opercularis) (PMv)	R Area 45	54	16	18

	3.29	R IFG (p. Opercularis) (PMv)	R Area 45	60	10	34
	3.19	R IFG (p. Triangularis) (PMv)	R Area 45	56	12	28
	3.16	R IFG (p. Opercularis) (PMv)		48	12	32
	3.04	R IFG (p. Opercularis) (PMv)	R Area 44	50	12	18
	2.99	R IFG (p. Opercularis) (PMv)	R Area 44	56	10	16
	2.91	R IFG (p. Opercularis) (PMv)	R Area 44	56	8	26
62	2.89	R MCC (24)		2	16	38
	1.86	R MCC (S1)		6	12	42
32	2.97	R Putamen (48)		30	-4	-2
	2.88	R Putamen		28	-6	4
	2.70	R Putamen		28	-2	4
27	1.81	L Superior Temporal Gyrus (48)		-52	-2	4
	1.71	N/A (48)		-62	8	4

Section 4: Balanced contrast results (all)

Table S39: Meta-analysis of Imagery_Motor_vs_Visual_Balanced_Contrast

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
840	0.37	L Posterior-Medial Frontal (SMA)		-4	0	60
	0.00	R Posterior-Medial Frontal (pre-SMA)		12	4	64
394	0.02	L Middle Frontal Gyrus (PMd)		-26	-6	54
243	0.00	L Inferior Parietal Lobule (40)		-36	-40	44
	0.00	N/A (40)	L Area hIP1 (IPS)	-36	-48	40

Table S40: Meta-analysis of Imagery_Motor_vs_Auditory_Balanced_Contrast

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
186	0.00	L Posterior-Medial Frontal (pre-SMA)		-2	2	56

Table S41: Meta-analysis of Imagery_Auditory_vs_Visual_Balanced_Contrast

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
868	0.94	L Posterior-Medial Frontal (pre-SMA)		-4	4	64
	0.92	L Posterior-Medial Frontal (pre-SMA)		0	8	60
	0.27	L MCC (SMA)		2	16	42
	0.17	L Posterior-Medial Frontal (pre-SMA)		2	20	60
763	0.83	L IFG (p. Opercularis) (PMv)	L Area 44	-50	12	18
	0.39	L IFG (p. Orbitalis) (48)		-40	18	0
	0.07	L Temporal Pole (38)		-52	4	-8
	0.04	N/A		-58	22	2
215	0.36	L Superior Temporal Gyrus (48)		-58	-42	24
212	0.77	R Precentral Gyrus (PMd)		56	0	46
175	0.49	L Precentral Gyrus (PMd)		-48	-2	46
153	0.20	N/A (40)		-30	-52	40
120	0.04	R Middle Temporal Gyrus (21)		52	-32	-2
93	0.02	R Putamen (48)		24	6	-2

Table S42: Meta-analysis of Imagery_Tactile_vs_Visual_Balanced_Contrast

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
114	0.28	N/A (40)		-32	-44	36
100	0.42	L Posterior-Medial Frontal (pre-SMA)		-8	12	50

Table S43: Meta-analysis of Imagery_Gustatory_vs_Visual_Balanced_Contrast

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
230	0.76	N/A (48)		-38	-2	8
	0.62	L Insula Lobe (48)		-40	2	4
	0.57	L Insula Lobe (48)		-42	-8	6
	0.48	L Insula Lobe (PMd)		-42	6	8

Table S44: Meta-analysis of Imagery_Tactile_vs_Olfactory_Balanced_Contrast

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
114	0.12	N/A (40)		-32	-44	36
	0.04	N/A (40)	L Area hIP1 (IPS)	-34	-52	38
100	0.12	L Posterior-Medial Frontal (pre-SMA)		-8	12	50

Table S45: Meta-analysis of Imagery_Tactile_vs_Gustatory_Balanced_Contrast_

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
114	0.12	N/A (40)		-32	-44	36
	0.04	N/A (40)	L Area hIP1 (IPS)	-34	-52	38
100	0.12	L Posterior-Medial Frontal (pre-SMA)		-8	12	50

Table S46: Meta-analysis of Imagery_Gustatory_vs_Olfactory_Balanced_Contrast

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
230	0.76	N/A (48)		-38	-2	8
	0.62	L Insula Lobe (48)		-40	2	4
	0.57	L Insula Lobe (48)		-42	-8	6
	0.48	L Insula Lobe (PMd)		-42	6	8

Table S47: Meta-analysis of Imagery_Auditory_vs_Tactile_Balanced_Contrast

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
123	0.00	R Precentral Gyrus (PMd)		-56	-2	44

Section 5: Main results (img>rest)

Table S48: Meta-analysis of Auditory Imagery (n=26)

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
541	5.82	L Posterior-Medial Frontal (pre-SMA)		-4	2	66
	5.73	L Posterior-Medial Frontal (pre-SMA)		0	10	58
285	5.97	L IFG (p. Opercularis) (PMv)	L Area 44	-50	10	20
	4.14	L IFG (p. Opercularis) (PMv)	L Area 44	-58	4	18
280	5.18	L IFG (p. Orbitalis) (47)		-40	18	-2
	4.53	L Temporal Pole (38)		-52	6	-6
257	7.18	R Precentral Gyrus (PMd)		54	2	46
	3.53	R Middle Frontal Gyrus (PMd)		42	4	58
219	4.73	L Superior Temporal Gyrus (48)	L Area PFcm (IPL)	-54	-40	24
	4.72	L Superior Temporal Gyrus (A1-42)		-62	-40	22
	3.55	L SupraMarginal Gyrus (40)	L Area PFm (IPL)	-62	-50	32
209	7.29	L Precentral Gyrus (PMd)		-50	-2	50
162	4.87	L Inferior Parietal Lobule (40)	L Area hIP1 (IPS)	-32	-52	44
	4.50	N/A (40)	L Area hIP1 (IPS)	-36	-48	42
	4.18	L Inferior Parietal Lobule (7)	L Area hIP3 (IPS)	-34	-58	56
160	4.30	L MCC (SMA)		2	16	42
	4.27	L MCC (24)		-4	20	38
	3.40	L MCC (pre-SMA)		-4	10	44
	3.33	L Superior Medial Gyrus (pre-SMA)		-4	22	46
109	4.09	R Insula Lobe (48)		48	8	0
	4.00	R Temporal Pole (48)		58	14	0

Table S49: Meta-analysis of Visual Imagery (n=29)

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
157	4.55	N/A (PMd)		34	-2	50
119	4.50	L Superior Parietal Lobule (7)		-16	-66	54

Table S50: Meta-analysis of Motor Imagery (n=130)

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
6440	8.13	L IFG (p. Opercularis) (PMv)	L Area 44	-52	6	10
	8.08	N/A (48)	L Area 44	-54	10	4
	7.53	L Precentral Gyrus (PMd)		-48	-4	46
	7.01	L Putamen		-22	2	6
	6.26	N/A (PMd)		-16	-4	56
	5.78	L Insula Lobe (48)		-32	18	8
2811	8.13	L Inferior Parietal Lobule (40)		-36	-42	46
	6.54	L Superior Temporal Gyrus (48)	L Area PFcm (IPL)	-52	-36	24
	6.14	L SupraMarginal Gyrus (40)	L Area PFt (IPL)	-54	-34	40
	5.76	L Inferior Parietal Lobule (7)		-28	-54	58
	4.09	L SupraMarginal Gyrus (48)	L Area PFop (IPL)	-62	-26	26
1964	7.99	R Precentral Gyrus (PMd)		34	-2	54
	7.97	R IFG (p. Opercularis) (PMv)	R Area 44	54	12	12
	7.44	R Precentral Gyrus (PMd)		50	2	48
	7.35	R IFG (p. Opercularis) (PMv)	R Area 44	56	10	20
1319	7.08	R SupraMarginal Gyrus (40)	R Area 2	40	-36	46
	6.11	R Superior Temporal Gyrus (48)	R Area PFcm (IPL)	60	-32	24
	5.55	R Superior Parietal Lobule (7)		18	-62	60
	4.69	R Inferior Parietal Lobule (40)	R Area 2	38	-44	52
	4.45	R Angular Gyrus (7)		28	-62	50
	4.41	N/A (7)		24	-56	54
	4.22	R Inferior Parietal Lobule (7)	R Area hIP3 (IPS)	32	-54	46
	4.05	R SupraMarginal Gyrus (40)	R Area PFt (IPL)	58	-34	42
	3.99	R Postcentral Gyrus (S1)	R Area 2	48	-32	56
518	8.04	R Cerebellum (VI)	R Lobule VI (Hem)	34	-56	-28
245	5.15	L Cerebellum (VI)	L Lobule VI (Hem)	-30	-62	-24
	5.01	L Cerebellum (VI)	L Lobule VI (Hem)	-34	-56	-30
223	6.18	R Putamen		24	0	2
153	5.72	R Insula Lobe (48)		34	20	4

Section 6: Conjunction results (img>rest)

Table S51: Meta-analysis of Conjunction between Motor and Auditory Imagery

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
523	5.82	L Posterior-Medial Frontal (pre-SMA)		-4	2	66
	5.73	L Posterior-Medial Frontal (pre-SMA)		0	10	58
234	7.09	R Precentral Gyrus (PMd)		52	2	48
206	6.88	L Precentral Gyrus (PMd)		-48	-4	50
175	5.24	L IFG (p. Opercularis) (PMv)	L Area 44	-50	8	18
	4.14	L IFG (p. Opercularis) (PMv)	L Area 44	-58	4	18
115	4.15	L MCC (SMA)		0	16	42
	4.03	L MCC (24)		-4	18	40
	3.40	L MCC (pre-SMA)		-4	10	44
	3.33	L Superior Medial Gyrus (pre-SMA)		-4	22	46
113	4.53	L Inferior Parietal Lobule (40)	L Area hIP1 (IPS)	-32	-50	44
	4.50	N/A (40)	L Area hIP1 (IPS)	-36	-48	42
	3.84	L Inferior Parietal Lobule (7)	L Area hIP3 (IPS)	-32	-56	52
	3.72	L Inferior Parietal Lobule	L Area hIP3 (IPS)	-34	-56	56
94	4.68	L Superior Temporal Gyrus (48)	L Area PFcm (IPL)	-54	-40	24
93	4.32	L Insula Lobe (48)		-34	20	4
	4.01	L Insula Lobe (48)		-38	14	0
50	4.27	L Temporal Pole (38)		-52	8	-4

Table S52: Meta-analysis of Conjunction between Motor and Visual Imagery

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
157	4.55	N/A (PMd)		34	-2	50
114	4.50	L Superior Parietal Lobule (7)		-16	-66	54

Section 7: Contrast results (img>rest)

Table S53: Meta-analysis of Contrast_Auditory_greater_than_Visual

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
321	4.48	R Posterior-Medial Frontal (pre-SMA)		6	6	62
	1.72	R Posterior-Medial Frontal (pre-SMA)		4	2	52
224	2.78	L IFG (p. Orbitalis) (48)		-42	16	-2
	2.70	N/A (48)	L Area 44	-50	12	2
	2.68	L IFG (p. Orbitalis) (47)		-42	20	2
	2.64	L IFG (p. Orbitalis) (48)		-38	18	0
	2.58	L Temporal Pole (38)		-52	10	-2
	2.48	L Temporal Pole (38)	L Area TE 3	-54	6	-2
219	3.72	L Superior Temporal Gyrus (A1-42)		-60	-44	24
	3.54	L Superior Temporal Gyrus (A1-42)		-58	-42	20
	3.35	L Superior Temporal Gyrus (A1-42)	L Area PFcm (IPL)	-54	-40	20
193	3.54	L Precentral Gyrus (M1)		-52	-8	48
	3.43	L Precentral Gyrus (PMd)		-52	0	44
	3.35	L Precentral Gyrus (PMd)		-50	-2	48
176	3.43	R Precentral Gyrus (PMd)		56	0	46
117	2.46	L IFG (p. Triangularis) (48)		-50	18	24
	2.33	L IFG (p. Triangularis) (48)		-50	16	14
58	2.24	L MCC (24)		-2	16	38
	2.04	L MCC (SMA)		-8	20	42
13	1.86	R Temporal Pole (38)		58	14	-4

Table S54: Meta-analysis of Contrast_Motor_greater_than_Auditory

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
1507	8.13	L Middle Frontal Gyrus (PMd)		-24	-8	54
	7.38	L Posterior-Medial Frontal (SMA)		-12	-2	56
	7.06	N/A (SMA)		-12	-6	58
	6.38	N/A (SMA)		-14	-4	60
	6.26	N/A (PMd)		-16	-4	56
	3.72	L MCC (SMA)		-4	-8	54
	3.54	N/A (SMA)		-12	-12	66
	2.58	L Superior Frontal Gyrus (PMd)		-20	6	68
1484	8.13	L Inferior Parietal Lobule (40)	L Area 2	-40	-42	54
	6.29	L Inferior Parietal Lobule (2)	L Area 2	-44	-38	50
	4.71	L Precuneus (5)		-16	-58	64
	3.83	L Precuneus (7)		-14	-62	64
	3.72	L Superior Parietal Lobule		-16	-60	60
	3.54	L Precuneus (7)		-10	-62	54
	3.43	L Precuneus (7)		-10	-62	58
	2.95	L Inferior Parietal Lobule	L Area PF (IPL)	-60	-36	48
	2.58	L SupraMarginal Gyrus (2)	L PFop (IPL)	-66	-28	32
	2.52	N/A	L Area PF (IPL)	-66	-34	40
	2.49	L SupraMarginal Gyrus	L Area PFt (IPL)	-66	-30	40

427	3.24	N/A (PMd)		24	-8	56
	3.16	N/A (PMd)		28	-12	54
	3.12	N/A (PMd)		32	-12	50
347	3.01	N/A (S1)	R Area 3a	34	-30	46
	2.91	R Postcentral Gyrus (S1)	R Area 3b	40	-32	52
	2.81	R Postcentral Gyrus (S1)	R Area 4p	36	-34	54
	2.15	N/A (40)	R Area 2	34	-42	54
292	4.79	R Superior Parietal Lobule (7)	R Area 7A (SPL)	22	-60	60
226	3.19	L Insula Lobe (48)		-42	-2	6
	2.99	L Insula Lobe (pre-SMA)		-46	0	6
	2.28	N/A (48)		-30	10	10
224	2.97	L IFG (p. Opercularis) (PMv)	L Area 44	-60	10	30
	2.93	L IFG (p. Opercularis) (PMv)	L Area 44	-56	6	32
	2.85	L IFG (p. Opercularis) (PMv)	L Area 44	-52	4	32
89	2.39	R SupraMarginal Gyrus (48)	R Area PFop (IPL)	60	-26	30
	2.23	R SupraMarginal Gyrus (2)	R Area PFcm (IPL)	58	-34	34
	2.16	R SupraMarginal Gyrus (40)	R Area PF (IPL)	58	-38	36
55	2.18	R IFG (p. Opercularis) (PMv)		50	4	30
25	2.04	L Putamen (48)		-28	0	12
	1.90	L Putamen (48)		-30	0	8

Table S55: Meta-analysis of Contrast_Auditory_greater_than_Motor

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
541	5.82	L Posterior-Medial Frontal (pre-SMA)		-4	2	66
	5.73	L Posterior-Medial Frontal (pre-SMA)		0	10	58
284	5.97	L IFG (p. Opercularis) (PMv)	L Area 44	-50	10	20
	4.14	L IFG (p. Opercularis) (PMv)	L Area 44	-58	4	18
259	4.66	L IFG (p. Triangularis) (48)		-36	20	4
	4.33	L IFG (p. Orbitalis) (48)		-40	16	2
	4.29	L IFG (p. Orbitalis) (48)		-40	16	-4
	4.27	L Temporal Pole (38)		-52	8	-4
	3.72	L IFG (p. Orbitalis) (47)		-38	22	-4
256	7.18	R Precentral Gyrus (PMd)		54	2	46
	3.29	R Middle Frontal Gyrus (PMd)		40	4	58
209	7.29	L Precentral Gyrus (PMd)		-50	-2	50
182	4.73	L Superior Temporal Gyrus (48)	L Area PFcm (IPL)	-54	-40	24
	4.65	L Superior Temporal Gyrus (48)		-60	-40	24
162	4.87	L Inferior Parietal Lobule (40)	L Area hIP1 (IPS)	-32	-52	44
	4.50	N/A (40)	L Area hIP1 (IPS)	-36	-48	42
	3.88	L Inferior Parietal Lobule (7)	L Area hIP3 (IPS)	-34	-56	52
	3.72	L Inferior Parietal Lobule (7)	L Area 7A (SPL)	-34	-58	58
160	4.30	L MCC (SMA)		2	16	42
	4.03	L MCC (24)		-4	18	40

	3.40	L MCC (pre-SMA)	-4	10	44
	3.33	L Superior Medial Gyrus (pre-SMA)	-4	22	46
66	3.63	R Insula Lobe (48)	48	8	2
	3.50	N/A (48)	56	12	2

Table S56: Meta-analysis of Contrast_Motor_greater_than_Visual

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
2085	8.13	L Posterior-Medial Frontal (SMA)		-6	-2	54
	4.74	R Posterior-Medial Frontal (SMA)		12	-2	64
	4.59	R Posterior-Medial Frontal (pre-SMA)		10	2	66
	4.27	R Posterior-Medial Frontal (pre-SMA)		12	4	64
	3.72	L Posterior-Medial Frontal (SMA)		0	-6	60
	3.54	R Posterior-Medial Frontal (SMA)		6	-2	64
	3.35	L Precentral Gyrus (PMv)		-56	0	42
	3.29	L Posterior-Medial Frontal (pre-SMA)		0	8	68
	3.19	L Precentral Gyrus (PMv)		-56	0	38
	2.88	L Precentral Gyrus (PMd)		-50	-6	48
	2.74	L Superior Frontal Gyrus (PMd)		-16	2	68
992	3.54	L Inferior Parietal Lobule (2)	L Area 2	-36	-44	58
	2.89	L SupraMarginal Gyrus (48)	L Area PFop (IPL)	-58	-32	26
	2.54	L SupraMarginal Gyrus (2)	L Area PFop (IPL)	-64	-28	30
	2.37	L Inferior Parietal Lobule (2)	L Area PFt (IPL)	-46	-32	42
	1.98	L SupraMarginal Gyrus (S1)	L Area 2	-52	-28	48
419	3.72	L Temporal Pole (PMv)	L Area 44	-54	8	4
	3.43	N/A (48)	L Area 44	-50	10	4
	1.70	L Insula Lobe (48)		-40	14	4
316	3.33	R Postcentral Gyrus (S1)	R Area 4p	40	-26	44
	3.12	R Postcentral Gyrus (S1)	R Area 3b	42	-28	48
	2.25	R Rolandic Operculum (48)	R Area PFcm (IPL)	54	-32	26
	2.24	R Rolandic Operculum (48)	R Area PFcm (IPL)	56	-34	28
	2.19	R SupraMarginal Gyrus (48)	R Area PFcm (IPL)	58	-36	30
	2.10	R SupraMarginal Gyrus (40)	R Area PFcm (IPL)	50	-32	40
	1.98	R SupraMarginal Gyrus (40)	R Area PFcm (IPL)	58	-36	36
	1.92	R SupraMarginal Gyrus (40)	R Area PF (IPL)	62	-38	36
312	3.06	R IFG (p. Opercularis) (PMv)	R Area 44	52	8	12
168	2.64	L Putamen (48)		-24	10	8
	2.07	L Putamen		-24	-4	0
137	2.11	N/A (19)		22	-58	-26
	2.08	R Cerebellum (Crus 1)	R Lobule VI (Hem)	34	-58	-28
	2.04	R Cerebellum (VI)	R Lobule VI (Hem)	32	-60	-26
	2.00	R Cerebellum (Crus 1)	R Lobule VI (Hem)	36	-50	-30
	2.00	N/A (37)	R Lobule VI (Hem)	26	-58	-28
128	2.58	R Putamen		28	-4	6
	2.54	R Putamen		24	0	10
108	2.42	R Precentral Gyrus (PMd)		48	-4	44
49	2.15	N/A (7)	R Area 7PC (SPL)	28	-52	54
	2.07	N/A (7)		30	-54	50
	2.02	R Inferior Parietal Lobule (40)	R Area hIP3 (IPS)	34	-48	52

1.84	R Superior Parietal Lobule (5)	R Area 7PC (SPL)	22	-56	62
1.78	R Superior Parietal Lobule (7)	Area 7A (SPL)	20	-62	68

Table S57: Meta-analysis of Contrast_Visual_greater_than_Motor

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
157	4.55	N/A (PMd)		34	-2	50
114	4.50	L Superior Parietal Lobule (7)		-16	-66	54

Table S58: Meta-analysis of Contrast_Auditory_greater_than_Tactile

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
99	4.05	R Precentral Gyrus (PMd)		48	2	54
	3.43	R Precentral Gyrus (PMd)		52	-4	46
	3.36	R Middle Frontal Gyrus (PMd)		50	10	46
	3.12	R Precentral Gyrus (PMd)		48	2	48
	3.04	R Precentral Gyrus (PMd)		52	6	44
	2.95	R Precentral Gyrus (PMd)		56	4	42
	2.93	R Precentral Gyrus (PMd)		50	-2	50
	2.89	R Precentral Gyrus (PMd)		52	0	44
	2.78	R Precentral Gyrus (PMd)		54	2	50
	2.52	R Precentral Gyrus (PMv)		52	2	40
	2.30	R Middle Frontal Gyrus (PMd)		48	6	56
14	2.95	L SupraMarginal Gyrus (48)	L Area PF (IPL)	-62	-44	30
	2.72	L SupraMarginal Gyrus (40)	L Area PFm (IPL)	-60	-50	32
	2.29	L SupraMarginal Gyrus (48)	L Area PFcm (IPL)	-54	-44	32
	2.22	L SupraMarginal Gyrus	L Area PFm (IPL)	-64	-52	32

Table S59: Meta-analysis of Contrast_Motor_greater_than_Tactile

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
576	5.64	L Precentral Gyrus (PMd)		-32	0	52
	3.96	N/A (pre-SMA)		-22	-16	56
	3.85	L Precentral Gyrus (M1)		-32	-16	58
	3.72	L Middle Frontal Gyrus (PMd)		-30	-4	60
	3.43	L Precentral Gyrus (PMd)		-34	-8	52
	3.35	L Middle Frontal Gyrus (PMd)		-32	0	62
	3.33	N/A (PMd)		-16	-8	64
	3.24	L Middle Frontal Gyrus (PMd)		-26	-8	60
	3.19	N/A (PMd)		-20	-8	50
	3.16	N/A (PMd)		-26	-4	50
	3.12	L Precentral Gyrus (PMd)		-34	-10	56
513	5.08	R Superior Frontal Gyrus (PMd)		26	-6	64
	3.72	R IFG (p. Opercularis) (PMv)	R Area 44	50	10	16
	3.68	R Middle Frontal Gyrus (PMd)		38	4	56
	3.54	R Precentral Gyrus (PMd)		52	-2	46
	3.43	R Precentral Gyrus (PMd)		42	-4	46
	3.29	R Precentral Gyrus (PMd)		52	-6	48
	3.27	R Precentral Gyrus (PMv)		54	2	32
	3.24	R Superior Frontal Gyrus (PMd)		22	-4	62
	3.16	R IFG (p. Opercularis) (PMv)		54	8	18
	3.12	N/A (PMd)	R Area 44	26	-4	54

	3.06	R IFG (p. Opercularis) (PMv)	R Area 45	52	14	16
35	3.35	R Posterior-Medial Frontal (pre-SMA)		10	12	54
	3.15	R MCC (pre-SMA)		12	14	50
	2.81	R Posterior-Medial Frontal (pre-SMA)		12	18	56
	2.77	R MCC (pre-SMA)		10	6	50
	2.44	R Posterior-Medial Frontal (pre-SMA)		10	2	54
	2.04	R Posterior-Medial Frontal (SMA)		10	-2	54
24	3.16	R Superior Parietal Lobule (7)	R Area 7A (SPL)	22	-64	62
	2.67	R Precuneus (5)		14	-60	64
	2.62	R Superior Parietal Lobule (7)	R Area 7A (SPL)	16	-64	66
	2.14	R Superior Parietal Lobule (5)	R Area 5L (SPL)	20	-58	66
	1.94	R Precuneus (5)		14	-58	58
	1.93	R Precuneus (5)		14	-62	58
	1.92	R Superior Parietal Lobule (5)		18	-60	62
15	2.73	L IFG (p. Opercularis) (PMv)	L Area 44	-50	6	32
	2.58	L IFG (p. Opercularis) (PMv)		-44	6	32
	2.51	L IFG (p. Opercularis) (PMv)	L Area 44	-46	2	32
	2.31	L Precentral Gyrus (PMv)	L Area 44	-54	0	32
	1.80	L Precentral Gyrus (PMv)		-50	-2	32
13	2.78	N/A (48)		32	16	6
	2.68	R Insula Lobe (48)		38	18	8
	2.36	R Insula Lobe (48)		38	22	8

Section 8: Main results (img>rest control)

Table S60: Meta-analysis of Auditory Imagery (n=35)

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
887	5.95	L Posterior-Medial Frontal (pre-SMA)		0	10	58
	5.55	L Posterior-Medial Frontal (pre-SMA)		-6	6	62
	4.39	L MCC (SMA)		2	16	42
	4.31	L MCC (24)		-4	20	38
	4.16	L MCC (pre-SMA)		-6	10	44
	3.69	L Posterior-Medial Frontal (pre-SMA)		0	20	62
	3.17	L Superior Medial Gyrus (pre-SMA)		-4	22	46
377	5.67	L IFG (p. Orbitalis) (48)		-40	18	0
	4.31	L Temporal Pole (38)		-52	6	-6
	3.83	N/A (48)		-50	12	0
	3.29	L IFG (p. Triangularis) (S1)	L Area44	-50	12	6
297	5.77	L IFG (p. Opercularis) (PMv)	L Area44	-50	10	20
	3.92	L IFG (p. Opercularis) (PMv)	L Area44	-58	4	18
242	6.91	R Precentral Gyrus (PMd)		54	2	46
	3.33	R Middle Frontal Gyrus (PMd)		42	4	58
195	7.01	L Precentral Gyrus (PMd)		-50	-2	50
142	4.69	L Inferior Parietal Lobule (40)	L Area hIP1 (IPS)	-32	-52	44
	4.29	N/A (40)	L Area hIP1 (IPS)	-36	-48	42
	4.03	L Inferior Parietal Lobule (7)	L Area hIP3 (IPS)	-34	-58	56
	3.88	L Inferior Parietal Lobule (7)	L Area hIP1 (IPS)	-32	-54	50

Table S61: Meta-analysis of Visual Imagery (n=56)

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
670	6.00	L Superior Parietal Lobule (7)		-20	-68	52
	4.52	L Inferior Parietal Lobule (7)	L Area hIP3 (IPS)	-30	-60	48
	4.09	L Inferior Parietal Lobule (40)	L Area hIP2 (IPS)	-52	-44	46
	3.96	L Inferior Parietal Lobule (40)	L Area PFt (IPL)	-42	-40	46
265	4.53	R Superior Occipital Gyrus (7)		24	-72	40
	4.34	N/A (7)		20	-64	52
209	5.14	L Inferior Temporal Gyrus (37)		-52	-56	-10
	3.45	L Inferior Occipital Gyrus (19)	L Area FG2	-46	-70	-12
167	4.87	R Superior Frontal Gyrus (PMd)		26	-4	60
	4.56	N/A (PMd)		34	-2	50
140	4.44	R Insula Lobe (48)		46	12	-4
127	4.59	L IFG (p. Opercularis) (PMv)	L Area 44	-48	8	26

Table S62: Meta-analysis of Motor Imagery (n=208)

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
10020	8.13	L Temporal Pole (48)		-52	8	0
	7.83	R IFG (p. Opercularis) (PMv)	L Area 44	56	12	12
	7.81	R IFG (p. Opercularis) (PMv)	L Area 44	56	10	22
	7.48	R Precentral Gyrus (PMd)		52	2	46
	7.29	L Precentral Gyrus (PMd)		-46	-4	46
	6.47	R IFG (p. Opercularis) (PMv)		54	8	34
	6.32	L Insula Lobe (48)		-32	16	6
	5.88	R Insula Lobe (48)		36	20	4
	4.25	R IFG (p. Opercularis) (47)		-38	18	-6
	4.22	L Superior Medial Gyrus (32)		-8	28	38
3225	8.13	L Inferior Parietal Lobule (40)		-36	-42	44
	7.19	L Superior Parietal Lobule (7)	L Area 7A (SPL)	-18	-64	56
	6.25	L Inferior Parietal Lobule (7)	L Area hIP3 (IPS)	-30	-54	58
	6.14	L Superior Temporal Gyrus (48)	L Area PFcm (IPL)	-52	-36	24
	4.79	L SupraMarginal Gyrus (48)	L Area PFop (IPL)	-62	-26	32
1646	7.17	R SupraMarginal Gyrus (40)	R Area 2	40	-36	46
	5.95	R Superior Parietal Lobule (7)		18	-62	60
	5.68	R Superior Temporal Gyrus (48)	R Area PFcm (IPL)	60	-32	22
	4.78	R Inferior Parietal Lobule (40)	R Area hIP3 (IPS)	36	-46	50
	4.65	R Angular Gyrus (7)	R Area hIP3 (IPS)	28	-62	52
	4.47	R Angular Gyrus (7)	R Area hIP1 (IPS)	32	-54	44
	4.46	R SupraMarginal Gyrus (40)		58	-34	44
	4.44	R Postcentral Gyrus (S1)	R Area 2	48	-32	56
615	8.13	R Cerebelum (Crus 1)	R Lobule VIIa crusI (Hem)	34	-58	-30
417	6.60	N/A	L Lobule VI (Hem)	-34	-56	-32
	6.50	L Cerebelum (VI)	L Lobule VI (Hem)	-30	-62	-24
	6.44	L Cerebelum (Crus 1)	L Lobule VI (Hem)	-32	-60	-28
336	6.78	R Putamen		26	0	2

Table S63: Meta-analysis of Tactile Imagery (n=6)

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
119	4.90	N/A (40)	L Area hIP1 (IPS)	34	-46	42
104	5.32	L Posterior-Medial Frontal (PMd)		-8	12	56

Section 9: Conjunction results (img> rest control)

Table S64: Meta-analysis of Conjunction between Motor and Auditory Imagery

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
811	5.95	L Posterior-Medial Frontal (pre-SMA)		0	10	58
	5.55	L Posterior-Medial Frontal (pre-SMA)		-6	6	62
	4.39	L MCC (SMA)		2	16	42
	4.16	L MCC (pre-SMA)		-6	10	44
	4.13	L MCC (24)		-4	20	40
	3.17	L Posterior-Medial Frontal (pre-SMA)		-4	22	46
266	5.25	L Insula Lobe (48)		-34	20	4
	4.13	L Temporal Pole (38)		-52	6	-4
	4.09	L IFG (p. Orbitalis) (47)		-40	18	-6
	3.83	N/A (48)		-50	12	0
	3.29	L IFG (p. Triangularis) (S1)	L Area 44	-50	12	6
231	6.91	R Precentral Gyrus (PMd)		54	2	46
	3.33	R Middle Frontal Gyrus (PMd)		42	4	58
196	5.39	L IFG (p. Opercularis) (PMv)	L Area 44	-50	8	18
	3.92	L IFG (p. Opercularis) (PMv)	L Area 44	-58	4	18
193	6.65	L Precentral Gyrus (PMd)		-48	-4	50
127	4.53	L Inferior Parietal Lobule (40)	L Area hIP1 (IPS)	-32	-50	44
	4.50	N/A (40)	L Area hIP1 (IPS)	-36	-48	42
	3.84	L Inferior Parietal Lobule (7)	L Area hIP3 (IPS)	-32	-56	52
	3.72	L Inferior Parietal Lobule (7)	L Area hIP1 (IPS)	-34	-54	50
79	4.33	L Superior Temporal Gyrus (48)	L Area PFcm (IPL)	-58	-38	24

Table S65: Meta-analysis of Conjunction between Motor and Visual Imagery

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
425	5.86	L Superior Parietal Lobule (7)		-20	-66	52
	3.96	L Inferior Parietal Lobule (40)	L Area PFt (IPL)	-42	-40	46
	3.84	L Inferior Parietal Lobule (7)	L Area hIP3 (IPS)	-30	-60	54
	3.71	L Inferior Parietal Lobule (7)	L Area hIP1 (IPS)	-34	-56	44
	3.69	L Inferior Parietal Lobule (40)	L Area hIP2 (IPS)	-50	-42	46
167	4.87	R Superior Frontal Gyrus (PMd)		26	-4	60
	4.56	N/A (PMd)		34	-2	50
96	4.33	N/A (7)		20	-64	54
96	4.59	L IFG (p. Opercularis) (PMv)	L Area 44	-48	8	26
21	3.70	R Insula Lobe (48)		46	16	4
	3.60	R Insula Lobe (48)		46	12	2

Table S66: Meta-analysis of Conjunction between Auditory and Visual Imagery

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z

59	4.33	L IFG (p. Opercularis) (PMv)		-48	10	24
40	3.58	L Inferior Parietal Lobule (7)	L Area hIP3 (IPS)	-32	-58	56
	3.46	L Inferior Parietal Lobule (7)	L Area hIP3 (IPS)	-32	-56	48
	3.40	L Inferior Parietal Lobule (7)	L Area hIP1 (IPS)	-34	-54	44
	3.35	L Inferior Parietal Lobule (40)	L Area hIP1 (IPS)	-38	-46	44

Table S67: Meta-analysis of Conjunction between Auditory and Motor and Visual Imagery

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
43	4.31	L IFG (p. Opercularis) (PMv)	L Area 44	-48	8	24
40	3.58	L Inferior Parietal Lobule (7)	L Area hIP3 (IPS)	-32	-58	56
	3.46	L Inferior Parietal Lobule (7)	L Area hIP3 (IPS)	-32	-56	48
	3.40	L Inferior Parietal Lobule (7)	L Area hIP1 (IPS)	-34	-54	44
	3.35	L Inferior Parietal Lobule (40)	L Area hIP1 (IPS)	-38	-46	44

Table S68: Meta-analysis of Conjunction between Motor and Tactile Imagery

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
99	5.32	L Posterior-Medial Frontal (pre-SMA)		-8	12	56
98	4.90	N/A (40)	L Area hIP1 (IPS)	-34	-46	42

Table S69: Meta-analysis of Conjunction between Motor and Tactile and Auditory Imagery

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
53	4.43	L Posterior-Medial Frontal (pre-SMA)		-6	10	58
46	4.25	N/A (40)	L Area hIP1 (IPS)	-34	-48	42

Table S70: Meta-analysis of Conjunction between Auditory and Tactile Imagery

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
53	4.43	L Posterior-Medial Frontal (pre-SMA)		-6	10	58
48	4.25	N/A (40)	L Area hIP1 (IPS)	-34	-48	42

Section 10: Contrast results (img> rest control)

Table S71: Meta-analysis of Contrast_Auditory_greater_than_Motor

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
887	6.24	L Posterior-Medial Frontal (pre-SMA)		0	10	58
	5.77	L Posterior-Medial Frontal (pre-SMA)		-6	6	62
	4.61	L MCC (SMA)		2	16	42
	4.47	L MCC (24)		-4	20	38
	4.03	L MCC (pre-SMA)		-6	10	44
	3.51	L Superior Medial Gyrus (pre-SMA)		-4	22	46
376	5.67	L IFG (p. Opercularis) (48)		-40	18	0
	4.13	L Temporal Pole (38)		-52	6	-4
	3.83	N/A (48)		-50	12	0
	3.29	L IFG (p. Triangularis) (S1)	L Area 44	-50	12	6
297	5.77	L IFG (p. Opercularis) (PMv)	L Area 44	-50	10	20
	3.92	L IFG (p. Opercularis) (PMv)	L Area 44	-58	4	18
233	6.91	R Precentral Gyrus (PMd)		54	2	46
	3.33	R Middle Frontal Gyrus (PMd)		42	4	58
205	5.13	L Superior Temporal Gyrus (48)		-60	-40	24
195	7.01	L Precentral Gyrus (PMd)		-50	-2	50
142	4.69	L Inferior Parietal Lobule (40)		-32	-52	44
	4.29	L Inferior Parietal Lobule (40)		-36	-48	42
	4.03	N/A (7)		-34	-58	56
	3.88	L Inferior Parietal Lobule (7)		-32	-54	50

Table S72: Meta-analysis of Contrast_Motor_greater_than_Auditory

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
1822	8.13	N/A (PMd)		-24	-8	50
	7.73	L Posterior-Medial Frontal (SMA)		-8	-4	54
	7.41	L Posterior-Medial Frontal (SMA)		-10	-6	56
	2.22	R Posterior-Medial Frontal (SMA)		10	-12	64
938	8.13	L Postcentral Gyrus (40)	L Area 2	-40	-36	48
	3.72	L Inferior Parietal Lobule (40)	L Area 2	-44	-42	54
	2.39	L SupraMarginal Gyrus	L Area PFt (IPL)	-66	-32	40
	2.38	L SupraMarginal Gyrus (2)	L Area PFt (IPL)	-60	-26	46
	2.18	L SupraMarginal Gyrus	L Area PF (IPL)	-64	-36	42
	1.74	L SupraMarginal Gyrus (2)	L Area PFop (IPL)	-60	-30	30
501	5.40	L Precuneus (5)		-16	-58	62
	3.72	L Precuneus (5)		-14	-60	56
	3.54	L Superior Parietal Lobule (7)	L Area 7A (SPL)	-22	-60	64
430	3.43	L Insula Lobe (48)		-44	-2	6
	3.40	L Insula Lobe (48)		-38	0	10
	2.54	N/A (48)		-32	8	8
420	3.16	R Precentral Gyrus (PMd)		28	-10	60

	3.04	N/A (PMd)		22	-8	54
286	2.88	R Superior Parietal Lobule (7)	R Area hIP3 (IPS)	28	-62	56
	2.76	R Superior Parietal Lobule (7)	R Area hIP3 (IPS)	24	-64	58
	2.67	R Superior Parietal Lobule (7)	R Area 7A (SPL)	22	-64	64
	2.61	R Superior Parietal Lobule	R Area 7A (SPL)	18	-64	68
	2.38	R Precuneus (7)		10	-60	64
244	2.99	R Postcentral Gyrus (S1)	R Area 4a	42	-30	60
	2.85	R Postcentral Gyrus (S1)	R Area 3b	44	-32	56
220	3.01	L IFG (p. Opercularis) (PMv)	L Area 44	-60	10	30
67	2.28	R IFG (p. Opercularis) (PMv)	R Area 44	54	4	30
27	1.99	R Putamen		30	-6	-2
	1.88	N/A (48)		26	-4	-4

Table S73: Meta-analysis of Contrast_Motor_greater_than_Visual

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
2791	8.13	L Temporal Pole (PMv)	L Area 44	-54	6	4
	6.78	L Superior Frontal Gyrus (SMA)		-14	-2	60
	3.72	L Posterior-Medial Frontal (pre-SMA)		-8	6	50
	3.54	L Superior Frontal Gyrus (PMd)		-16	0	66
	3.44	L Superior Frontal Gyrus (PMd)		-18	0	70
	3.19	N/A (SMA)		-62	12	14
	2.89	L Precentral Gyrus (M1)		-50	-10	54
	2.35	L Precentral Gyrus (PMd)		-32	-6	68
	2.35	L Precentral Gyrus (PMd)		-34	-4	66
	2.19	L Precentral Gyrus (PMd)		-52	8	44
	2.07	L Precentral Gyrus (PMv)		-58	2	40
1037	3.72	L Inferior Parietal Lobule (40)		-36	-46	54
	3.54	L Inferior Parietal Lobule (40)	L Area hIP3 (IPS)	-38	-50	56
	3.29	L SupraMarginal Gyrus (48)	L Area PFop (IPL)	-58	-32	28
	3.19	L SupraMarginal Gyrus (2)	L Area PFop (IPL)	-66	-28	30
	2.51	L Inferior Parietal Lobule (S1)	L Area PFop (IPL)	-54	-28	50
	2.31	L SupraMarginal Gyrus (2)	L Area PFt (IPL)	-46	-32	38
	1.94	N/A (40)	L Area 1	-36	-34	40
	1.93	N/A (40)	L Area PFt (IPL)	-32	-34	42
430	3.12	R Postcentral Gyrus (S1)	R Area 3b	42	-26	44
	3.09	R Postcentral Gyrus (S1)	R Area 3b	40	-28	48
	2.89	N/A (S1)	R Area 3a	36	-28	42
	2.59	R Superior Temporal Gyrus (48)	R Area PFcm (IPL)	56	-34	26
	2.49	R SupraMarginal Gyrus (48)	R Area OP1 [SII]	56	-30	24
	2.45	R Postcentral Gyrus (S1)	R Area 3b	44	-28	56
	2.44	R SupraMarginal Gyrus (48)	R Area PFcm (IPL)	60	-36	30
	2.37	R SupraMarginal Gyrus (40)	R Area PF (IPL)	62	-38	34
	2.33	R SupraMarginal Gyrus (40)	R Area PFcm (IPL)	56	-34	40
	2.30	R Superior Temporal Gyrus (48)	R Area PFcm (IPL)	54	-34	22
	2.21	R SupraMarginal Gyrus (40)	R Area PF (IPL)	60	-36	38
318	3.54	R IFG (p. Opercularis) (PMv)	R Area 44	54	6	12
288	2.89	R Cerebelum (Crus 1)	R Lobule VI (Hem)	34	-58	-28
	2.68	R Cerebelum (Crus 1)	R Lobule VI (Hem)	36	-50	-30
	2.63	N/A		22	-58	-26

233	2.48	L Putamen		-28	4	8
	2.42	L Putamen (48)		-30	-8	6
	2.32	L Pallidum		-24	-10	6
	1.83	L Insula Lobe (48)		-32	14	6
	1.73	L Insula Lobe (48)		-36	16	2
208	2.89	R Precentral Gyrus (PMd)		50	-4	44
197	2.24	L Cerebellum (VI)	L Lobule VI (Hem)	-24	-62	-26
	2.22	L Cerebellum (VI)	L Lobule VI (Hem)	-26	-58	-26
	2.20	L Cerebellum (VI)	L Lobule VI (Hem)	-30	-64	-22
	2.20	L Cerebellum (VI)	L Lobule VI (Hem)	-32	-58	-24
	2.04	L Cerebellum (Crus 1)	L Lobule VIIa crusI (Hem)	-40	-54	-26
136	3.01	R Putamen		28	-4	8
	2.83	R Putamen		30	-8	0
17	1.94	R Middle Frontal Gyrus (PMd)		40	-4	60
	1.80	R Precentral Gyrus (M1)		34	-12	58

Table S74: Meta-analysis of Contrast_Visual_greater_than_Motor

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
666	6.00	L Superior Parietal Lobule (7)		-20	-68	52
	4.10	L Inferior Parietal Lobule (7)	L Area hIP3 (IPS)	-30	-60	52
	3.96	L Inferior Parietal Lobule (40)	L Area PFt (IPL)	-42	-40	46
	3.88	L Inferior Parietal Lobule (7)	L Area hIP3 (IPS)	-34	-58	46
	3.81	L Inferior Parietal Lobule (40)	L Area PFt (IPL)	-52	-42	46
238	4.34	N/A (7)		20	-64	52
	2.55	R Middle Occipital Gyrus (19)		28	-74	36
167	4.87	R Superior Frontal Gyrus (PMd)		26	-4	60
	4.56	N/A (PMd)		34	-2	50
133	3.90	R Insula Lobe (48)		46	14	2
	3.72	N/A		48	12	-2
127	4.59	L IFG (p. Opercularis) (PMv)	L Area 44	-48	8	26
97	2.79	L Inferior Temporal Gyrus (37)		-52	-60	-4
	2.75	L Inferior Temporal Gyrus (37)		-50	-56	-4
	2.62	L Inferior Temporal Gyrus (37)		-48	-58	-6
	2.52	L Inferior Temporal Gyrus (37)		-50	-50	-6
	2.28	L Fusiform Gyrus (37)	L Area FG2	-48	-60	-14
	2.18	L Inferior Occipital Gyrus (19)	L Area FG2	-46	-68	-8
	2.16	L Inferior Temporal Gyrus (37)	L Area FG2	-50	-66	-12
	2.14	L Inferior Occipital Gyrus (37)	L Area FG2	-48	-64	-10
	2.05	L Inferior Occipital Gyrus (19)	L Area FG2	-46	-72	-10

Table S75: Meta-analysis of Contrast_Auditory_greater_than_Visual

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
582	4.31	R Posterior-Medial Frontal (pre-SMA)		4	6	64
	3.72	L Posterior-Medial Frontal (pre-SMA)		-2	10	64
	3.54	R Posterior-Medial Frontal (pre-SMA)		8	6	58

	3.06	L Posterior-Medial Frontal (pre-SMA)		-4	8	54
	2.52	L MCC (24)		-2	14	40
	2.47	L MCC (pre-SMA)		-4	12	44
	2.35	L MCC (pre-SMA)		-6	10	46
	2.32	L MCC (pre-SMA)		-10	10	46
332	5.67	L IFG (p. Orbitalis) (48)		-40	18	0
	2.83	L Temporal Pole (48)		-54	10	0
	2.40	L IFG (p. Triangularis) (S1)		-52	12	6
232	5.09	L Superior Temporal Gyrus (48)	L Area PF (IPL)	-60	-42	26
200	3.72	R Precentral Gyrus (PMd)		54	2	46
174	5.11	L Precentral Gyrus (PMd)		-54	-2	50
	3.72	L Precentral Gyrus (S1)		-48	-8	52
	3.54	L Precentral Gyrus (SMA)		-50	-8	48
150	3.35	L IFG (p. Triangularis) (48)		-52	16	12

Table S76: Meta-analysis of Contrast_Auditory_greater_than_Gustatory

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
95	3.63	R MCC (pre-SMA)		4	8	50
	3.54	L MCC (pre-SMA)		-2	22	40
	3.35	L MCC (32)		-6	18	38
	3.01	L MCC (32)		-8	10	42
	2.97	L MCC (24)		-4	20	34
	2.88	L MCC (24)		-2	12	40
	2.85	R MCC (SMA)		4	18	42
	2.75	L MCC (pre-SMA)		-2	8	46
	2.64	L Superior Medial Gyrus (pre-SMA)		0	12	48
	2.60	L Superior Medial Gyrus (pre-SMA)		-6	12	48
	2.43	L MCC (pre-SMA)		-8	8	46
63	3.43	L SupraMarginal Gyrus (48)	L Area PFcm (IPL)	-56	-44	30
	3.35	L Superior Temporal Gyrus (22)	L Area TE 3	-64	-40	20
	3.24	L SupraMarginal Gyrus (40)	L Area PF (IPL)	-60	-46	32
	3.12	L Superior Temporal Gyrus (40)	L Area PFcm (IPL)	-58	-48	28
	3.04	L Superior Temporal Gyrus		-66	-42	24
	2.97	L SupraMarginal Gyrus (40)	L Area PFm (IPL)	-60	-52	34
	2.74	L Superior Temporal Gyrus	L Area PFcm (IPL)	-58	-38	26
	2.67	L Superior Temporal Gyrus (A1-42)		-54	-44	22
	2.62	L Superior Temporal Gyrus (A1-42)	L Area PF (IPL)	-60	-44	26
	2.54	L Superior Temporal Gyrus (A1-42)	L Area PFcm (IPL)	-58	-38	20
	2.41	L Superior Temporal Gyrus (A1-42)		-58	-42	20
21	2.73	N/A (40)	L Area hIP1 (IPS)	-32	-50	42
	2.45	N/A (7)		-28	-50	44
	2.29	N/A (40)	L Area hIP1 (IPS)	-38	-48	40
	2.21	L Inferior Parietal Lobule (7)	L Area hIP1 (IPS)	-32	-56	46
20	3.43	R Precentral Gyrus (PMd)		52	4	52
	2.86	R Precentral Gyrus (PMd)		46	2	52
	2.54	R Middle Frontal Gyrus (PMd)		46	8	54
	2.23	R Middle Frontal Gyrus (PMd)		50	8	52

Table S77: Meta-analysis of Contrast_Auditory_greather_than_Tactile

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
27	2.27	R MCC (24)		2	16	38
	1.85	R MCC (pre-SMA)		4	16	44

Table S78: Meta-analysis of Contrast_Tactile_greather_than_Auditory

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
98	4.43	L Posterior-Medial Frontal (pre-SMA)		-6	10	58
	3.12	L Posterior-Medial Frontal (pre-SMA)		-8	12	50
	2.66	L Posterior-Medial Frontal (pre-SMA)		-6	16	52
	2.37	L Posterior-Medial Frontal (pre-SMA)		-10	16	52
80	3.54	N/A (40)	L Area hIP1 (IPS)	-32	-52	42

Table S79: Meta-analysis of Contrast_Motor_greather_than_Tactile

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
293	3.72	R Precentral Gyrus (PMv)		58	8	40
	3.29	R IFG (p. Opercularis) (PMv)	R Area 44	56	8	24
	3.26	R IFG (p. Opercularis) (PMv)	R Area 44	52	4	26
	3.24	R IFG (p. Triangularis) (PMv)	R Area 45	56	14	30
	3.12	R IFG (p. Opercularis) (PMv)	R Area 44	56	4	18
	3.04	R IFG (p. Opercularis) (PMv)	R Area 45	54	16	18
	2.93	R Precentral Gyrus (PMv)		48	2	36
	2.89	R IFG (p. Opercularis) (PMv)	R Area 44	56	4	22
	2.88	R IFG (p. Opercularis) (PMv)	R Area 45	54	14	34
	2.85	R IFG (p. Opercularis) (PMv)	R Area 44	52	6	22
	2.78	R IFG (p. Opercularis) (PMv)	R Area 44	52	8	16
174	2.88	L Posterior-Medial Frontal (SMA)		-8	-14	68
	2.57	L Posterior-Medial Frontal (SMA)		-4	-14	66
	2.25	N/A (SMA)		-14	-10	64
	1.85	L Posterior-Medial Frontal (PMd)		-16	-2	70
74	3.43	R Precentral Gyrus (PMd)		26	-8	54
	3.12	R Superior Frontal Gyrus (PMd)		26	-10	60
	2.78	R Superior Frontal Gyrus (PMd)		24	-8	58
	2.53	N/A (PMd)		20	-8	60
	2.52	R Superior Frontal Gyrus (PMd)		22	-10	62
	2.49	R Superior Frontal Gyrus (SMA)		16	-10	68
	2.32	R Superior Frontal Gyrus (PMd)		22	-6	68
	2.26	R Superior Frontal Gyrus (PMd)		20	-8	66
	2.23	R Superior Frontal Gyrus (PMd)		26	-4	68
24	2.89	R Putamen (48)		32	-4	4
	2.48	N/A		28	-8	-2
	2.46	R Putamen (48)		32	-6	0
	2.19	R Putamen		28	-10	2
	2.17	R Putamen (48)		28	0	4
	1.99	R Putamen (48)		28	-2	-4

Table S80: Meta-analysis of Contrast_Tactile_greather_than_Motor

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
119	4.90	N/A (40)	L Area hIP1 (IPS)	-34	-46	42
104	5.32	L Posterior-Medial Frontal (pre-SMA)		-8	12	56

Table S81: Meta-analysis of Contrast_Tactile_greather_than_Visual

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
119	4.22	N/A (40)	L Area hIP1 (IPS)	-34	-48	40
103	3.54	L Posterior-Medial Frontal (pre-SMA)		-6	10	52

Table S82: Meta-analysis of Contrast_Tactile_greather_than_Gustatory

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
119	4.67	N/A (40)	L Area hIP1 (IPS)	-34	-48	42
	3.95	N/A (40)		-32	-42	38
	3.87	N/A (40)		-34	-46	38
	3.85	L Inferior Parietal Lobule (40)	L Area hIP1 (IPS)	-34	-46	46
	3.06	N/A (40)		-32	-44	42

Section 11: Sub-analyses Visual Imagery

Table S83: Meta-analysis of Visual Motion Imagery (n=25)

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
471	5.75	N/A (PMd)		-26	-6	52
193	6.18	R Middle Frontal Gyrus (PMd)		28	-4	58
127	4.26	L IFG (p. Triangularis) (PMv)	L Area 45	-54	12	32
	3.87	L IFG (p. Opercularis) (PMv)	L Area 44	-46	2	32
	3.75	L Precentral Gyrus (PMv)	L Area 44	-50	2	28
	3.34	L Precentral Gyrus (PMv)		-44	0	38
103	4.88	R SupraMarginal Gyrus (40)	R Area 2	44	-38	46

Table S84: Meta-analysis of Visual Form Imagery (n=53)

Cluster Voxels	Z-score	Macroanatomical Location	Cytoarchitectonic/ Tractographic Label	MNI Coordinates		
				x	y	z
283	5.55	L Superior Parietal Lobule		-22	-68	50
	4.42	L Inferior Parietal Lobule (7)	L Area hIP3 (IPS)	-30	-60	48
	3.63	L Inferior Parietal Lobule (40)	L Area Hip2 (IPS)	-52	-44	46
	3.57	L Inferior Parietal Lobule (40)	L Area PFt (IPL)	-42	-40	46
453	6.08	L Inferior Temporal Gyrus (37)		-52	-58	-8
	3.66	L Inferior Occipital Gyrus (19)	L Area FG2	-46	-70	-12
	3.60	L Fusiform Gyrus (37)	L Area FG3	-34	-52	-14
243	4.85	R Superior Occipital Gyrus (7)		24	-72	40
	3.48	N/A (7)		22	-62	50
199	5.41	L IFG (p. Opercularis) (PMv)		-46	8	28
177	5.13	R Inferior Temporal Gyrus (37)		52	-56	-10
125	4.20	R MCC (pre-SMA)		2	22	42
	3.72	L Posterior-Medial Frontal (pre-SMA)		-4	18	52
110	4.22	L Precentral Gyrus (PMd)		-32	2	48

Section 12: List of included papers

Table S85: Included papers

Author, year	Imagery	Subject	Task	Foci	DOI
Abidi,2021	Motor	14	Imagine walking	2	10.1002/jmri.27335
Abidi,2021	Motor	14	Imagine walking	3	10.1002/jmri.27335
Alkadhi,2005	Motor	8	Imagine leg movement	19	10.1093/cercor/bhh116
Allali,2014	Motor	14	Imagine leg movement	46	10.1093/gerona/glt207
Amemiya,2016	Motor	19	Imagine arm movement	13	10.1016/j.cortex.2016.01.017
Amemiya,2021	Motor	16	Imagine walking	27	10.1007/s11682-020-00275-w
Baek,2012	Motor	18	Imagine whole body movement	14	10.1016/j.bbr.2012.06.001
Bagarinao,2018	Motor	22	Imagine hand movement	15	10.3389/fnhum.2018.00158
Bagarinao,2020	Motor	30	Imagine hand movement	10	10.3389/fnins.2020.00623
Bagarinao,2020	Motor	30	Imagine hand movement	21	10.3389/fnins.2020.00623
Bagarinao,2020	Motor	30	Imagine hand movement	18	10.3389/fnins.2020.00623
Bakker,2008	Motor	16	Imagine leg movement	9	10.1016/j.neuroimage.2008.03.020
Bastepe-Gray,2020	Motor	7	Imagine finger movement	7	10.1016/j.jchemneu.2020.101748
Bastepe-Gray,2020	Motor	7	Imagine finger movement	4	10.1016/j.jchemneu.2020.101748
Bastepe-Gray,2020	Motor	7	Imagine finger movement	6	10.1016/j.jchemneu.2020.101748
Bastepe-Gray,2020	Motor	7	Imagine finger movement	12	10.1016/j.jchemneu.2020.101748
Bastepe-Gray,2020	Motor	7	Imagine finger movement	12	10.1016/j.jchemneu.2020.101748
Bastepe-Gray,2020	Motor	7	Imagine finger movement	2	10.1016/j.jchemneu.2020.101748
Baumann,2022	Motor	18	Imagine writing	4	10.3389/fnhum.2022.829576
Baumann,2022	Motor	18	Imagine writing	2	10.3389/fnhum.2022.829576
Baumann,2022	Motor	18	Imagine writing	4	10.3389/fnhum.2022.829576
Berman,2012	Motor	15	Imagine arm movement	25	10.1016/j.neuroimage.2011.07.035
Beudel,2011	Motor	7	Imagine leg movement	16	10.1002/hbm.21044
Beudel,2011	Motor	7	Imagine leg movement	29	10.1002/hbm.21044

Bezzola,2012	Motor	22	Imagine whole body movement	4	10.3389/fnhum.2012.00067
Bhatt,2018	Motor	10	Imagine walking	8	10.3389/fnbeh.2018.00203
Bhatt,2018	Motor	10	Imagine walking	1	10.3389/fnbeh.2018.00203
Bhatt,2018	Motor	10	Imagine walking	10	10.3389/fnbeh.2018.00203
Binkofski,2000	Motor	6	Imagine arm movement	14	10.1002/1097-0193(200012)11:4<273::aid-hbm40>3.0.co;2-0
Blumen,2014	Motor	33	Imagine leg movement	9	10.1002/hbm.22461
Boecker,2002	Motor	6	Imagine arm movement	11	10.1006/nimg.2002.1139
Boly,2007	Motor	12	Imagine faces	24	10.1016/j.neuroimage.2007.02.047
Bonda,1995	Motor	16	Imagine arm movement	21	10.1073/pnas.92.24.11180
Bonda,1996	Motor	14	Imagine arm movement	14	10.1152/jn.1996.76.3.2042
Boraxbekk,2016	Motor	56	Imagine finger movement	7	10.1016/j.neuropsychologia.2016.07.019
Burianova,2013	Motor	14	Imagine arm movement	11	10.1016/j.neuroimage.2013.01.001
Chang,2011	Motor	18	Imagine whole body movement	18	10.1002/nbm.1600
Corradi-Dell'Acqua,2009	Motor	17	Imagine hand rotation	6	10.1523/JNEUROSCI.4861-08.2009
Corradi-Dell'Acqua,2009	Motor	17	Imagine hand rotation	11	10.1523/JNEUROSCI.4861-08.2009
Creem,2001	Motor	12	Imagine whole body movement	15	10.3758/cabn.1.3.239
Creem,2001	Motor	12	Imagine whole body movement	2	10.3758/cabn.1.3.239
Creem-Regehr,2007	Motor	13	Imagine grasping movement	18	10.1017/S1355617707071093
Creem-Regehr,2007	Motor	13	Imagine grasping movement	26	10.1017/S1355617707071093
Creem-Regehr,2007	Motor	13	Imagine grasping movement	9	10.1017/S1355617707071093
Creem-Regehr,2007b	Motor	13	Imagine arm movement	3	10.1016/j.neuroimage.2006.11.057
Creem-Regehr,2007b	Motor	13	Imagine arm movement	7	10.1016/j.neuroimage.2006.11.057
Creem-Regehr,2007b	Motor	13	Imagine arm movement	14	10.1016/j.neuroimage.2006.11.057
Crémers,2012	Motor	18	Imagine leg movement	39	10.1002/hbm.21255
Crotti,2022	Motor	51	Imagine squeezing movement	6	10.1002/jnr.25003
Crotti,2022	Motor	51	Imagine squeezing movement	4	10.1002/jnr.25003
de Lange,2005	Motor	6	Imagine arm movement	7	10.1162/0898929052880039
de Lange,2005	Motor	17	Imagine arm movement	4	10.1162/0898929052880039

de Lange,2005	Motor	17	Imagine arm movement	6	10.1162/0898929052880039
de Vries,2009	Motor	10	Imagine arm movement	12	10.1016/j.brainres.2009.06.006
Decety,1994	Motor	6	Imagine arm movement	86	10.1038/371600a0
Deen,2010	Motor	15	Imagine whole body movement	13	10.1016/j.neuropsychologia.2010.01.028
Dieber,1998	Motor	10	Imagine arm movement	8	10.1006/nimg.1997.0314
Diers,2015	Motor	20	Imagine hand movement	17	10.1016/j.brainres.2014.11.001
Enzinger,2008	Motor	5	Imagine leg and arm movement	20	10.1007/s00221-008-1465-y
Errante,2019	Motor	12	Imagine grasping movement	9	10.3389/fneur.2019.00837
Ferraye,2014	Motor	20	Imagine whole body movement	14	10.1371/journal.pone.0091183
Flanagin,2009	Motor	9	Imagine leg or whole body movement	14	10.1111/j.1749-6632.2009.03844.x
Fleming,2010	Motor	15	Imagine arm movement	35	10.1007/s00221-009-2062-4
Geers,2021	Motor	30	Imagine grasping movement	10	10.1038/s41598-021-86719-9
Gerardin,2000	Motor	8	Imagine arm movement	20	10.1093/cercor/10.11.1093
Gerardin,2000	Motor	8	Imagine arm movement	15	10.1093/cercor/10.11.1093
Grafton,1996	Motor	7	Imagine arm movement	12	10.1007/BF00227183
Gu,2021	Motor	16	Imagine hand movement	29	10.3233/NRE-210185
Gu,2021	Motor	16	Imagine hand movement	44	10.3233/NRE-210185
Guillot,2008	Motor	13	Imagine arm movement	35	10.1016/j.neuroimage.2008.03.042
Guillot,2008	Motor	15	Imagine arm movement	26	10.1016/j.neuroimage.2008.03.042
Guillot,2008	Motor	13	Imagine arm movement	10	10.1016/j.neuroimage.2008.03.042
Guillot,2008	Motor	15	Imagine arm movement	4	10.1016/j.neuroimage.2008.03.042
Guillot,2009	Motor	13	Imagine arm movement	87	10.1002/hbm.20658
Guillot,2009	Motor	13	Imagine arm movement	18	10.1002/hbm.20658
Halder,2011	Motor	8	Imagine limbs movement	25	10.1016/j.neuroimage.2011.01.021
Halder,2011	Motor	9	Imagine limbs movement	24	10.1016/j.neuroimage.2011.01.021
Hamada,2018	Motor	26	Imagine hand rotation	10	10.1007/s11682-017-9821-9
Hamada,2018	Motor	26	Imagine hand rotation	13	10.1007/s11682-017-9821-9
Hanakawa,2008	Motor	13	Imagine arm movement	12	10.1093/cercor/bhn036
Hanakawa,2017	Motor	38	Imagine finger movement	10	10.1523/ENEURO.0200-17.2017

Hanawaka,2003	Motor	10	Imagine finger movement	3	10.1152/jn.00132.2002
Harrington,2007	Motor	11	Imagine arm movement	35	10.1002/hbm.20286
Harrington,2007	Motor	11	Imagine arm movement	16	10.1002/hbm.20286
Harrington,2009	Motor	8	Imagine arm movement	38	10.1016/j.cortex.2007.10.015
Harrington,2009	Motor	8	Imagine arm movement	8	10.1016/j.cortex.2007.10.015
Harris,2014	Motor	12	Imagine arm movement	7	10.1371/journal.pone.0093681
He,2021	Motor	20	Imagine drawing	12	10.3389/fnhum.2021.706425
He,2021	Motor	20	Imagine drawing	6	10.3389/fnhum.2021.706425
Herholz,2016	Motor	14	Imagine arm movement	52	10.1093/cercor/bhv138
Hernandez-Martin,2020	Motor	8	Imagine finger movement	11	10.1364/BOE.399907
Higuchi,2007	Motor	8	Imagine arm movement	10	10.1016/s0010-9452(08)70460-x
Ionta,2010	Motor	12	Imagine leg movement	5	10.1002/hbm.20898
Iseki,2008	Motor	16	Imagine leg movement	11	10.1016/j.neuroimage.2008.03.010
Jahn,2004	Motor	13	Imagine leg movement	13	10.1016/j.neuroimage.2004.05.017
Jahn,2004	Motor	13	Imagine leg movement	17	10.1016/j.neuroimage.2004.05.017
Jahn,2004	Motor	13	Imagine leg movement	11	10.1016/j.neuroimage.2004.05.017
Jahn,2008	Motor	26	Imagine whole body movement	21	10.1016/j.neuroimage.2007.09.047
Jahn,2008	Motor	26	Imagine whole body movement	21	10.1016/j.neuroimage.2007.09.047
Jahn,2008	Motor	26	Imagine whole body movement	31	10.1016/j.neuroimage.2007.09.047
Jiang,2015	Motor	11	Imagine leg movement	35	10.1016/j.bandc.2015.04.005
Jiang,2015	Motor	11	Imagine leg movement	90	10.1016/j.bandc.2015.04.005
Johnson,2002	Motor	8	Imagine arm movement	7	10.1006/nimg.2002.1265
Johnson,2002	Motor	8	Imagine arm movement	13	10.1006/nimg.2002.1265
Johnson,2012	Motor	12	Imagine arm movement	12	10.1111/j.1552-6569.2010.00529.x
Johnson,2012	Motor	12	Imagine arm movement	24	10.1111/j.1552-6569.2010.00529.x
Johnson,2012	Motor	12	Imagine arm movement	24	10.1111/j.1552-6569.2010.00529.x
Kilintari,2016	Motor	14	Imagine arm movement	23	10.1016/j.brainres.2016.06.009
Kilintari,2016	Motor	14	Imagine arm movement	12	10.1016/j.brainres.2016.06.009
Kim,2023	Motor	18	Imagine grasping movement	3	10.1007/s10548-023-00956-x

Kim,2023	Motor	18	Imagine grasping movement	5	10.1007/s10548-023-00956-x
Klaus,2020	Motor	20	Imagine self rotation	7	10.1162/jocn_a_01496
Klaus,2020	Motor	20	Imagine self rotation	8	10.1162/jocn_a_01496
Klaus,2020	Motor	20	Imagine self rotation	3	10.1162/jocn_a_01496
Klaus,2020	Motor	20	Imagine self rotation	4	10.1162/jocn_a_01496
Kober,2019	Motor	11	Imagine swallowing	6	10.1007/s00455-019-09985-w
Kober,2019	Motor	11	Imagine swallowing	4	10.1007/s00455-019-09985-w
Kosslyn,1998	Motor	12	Imagine arm movement	9	10.1111/1469-8986.3520151
Kosslyn,1998	Motor	12	Imagine arm movement	4	10.1111/1469-8986.3520151
Kraeutner,2020	Motor	38	Imagine dart trowing	13	10.1038/s41598-020-78120-9
Kraft,2015	Motor	15	Imagine grip force task	4	10.3233/NRE-151221
Kuhtz-Buschbeck,2003	Motor	12	Imagine arm movement	24	10.1111/j.1460-9568.2003.03066.x
Kuhtz-Buschbeck,2003	Motor	12	Imagine arm movement	18	10.1111/j.1460-9568.2003.03066.x
Kurby,2013	Motor	28	Imagine movement	2	10.1016/j.bandl.2013.07.003
Kurby,2013	Motor	28	Imagine movement	1	10.1016/j.bandl.2013.07.003
la Fougère,2010	Motor	16	Imagine leg movement	20	10.1016/j.neuroimage.2009.12.060
Labriffe,2017	Motor	18	Imagine leg movement	19	10.3389/fnhum.2017.00106
Lacourse,2005	Motor	54	Imagine arm movement	15	10.1016/j.neuroimage.2005.04.025
Lafleur,2002	Motor	9	Imagine leg movement	12	10.1006/nimg.2001.1048
Lafleur,2002	Motor	9	Imagine leg movement	6	10.1006/nimg.2001.1048
Lebon,2018	Motor	48	Imagine finger movement	3	10.1002/hbm.23956
Lebon,2018	Motor	48	Imagine finger movement	4	10.1002/hbm.23956
Lee,2019	Motor	18	Imagine grasping movement	3	10.1038/s41598-019-49254-2
Lee,2019	Motor	18	Imagine grasping movement	5	10.1038/s41598-019-49254-2
Lee,2019	Motor	18	Imagine grasping movement	10	10.1038/s41598-019-49254-2
Lorey,2009	Motor	20	Imagine arm movement	15	10.1007/s00221-008-1693-1
Lorey,2009	Motor	20	Imagine arm movement	6	10.1007/s00221-008-1693-1
Lorey,2009	Motor	20	Imagine arm movement	11	10.1007/s00221-008-1693-1
Lorey,2010	Motor	23	Imagine arm movement	13	10.1016/j.neuroimage.2009.11.038

Lorey,2010	Motor	23	Imagine arm movement	17	10.1016/j.neuroimage.2009.11.038
Lorey,2011	Motor	23	Imagine arm movement	21	10.1371/journal.pone.0020368
Lorey,2014	Motor	18	Imagine hand and foot movement	22	10.1002/hbm.22246
Lorey,2014	Motor	18	Imagine hand and foot movement	17	10.1002/hbm.22246
Lu,2016	Motor	10	Imagine arm movement	12	10.4103/1673-5374.180756
Lui,2018	Motor	16	Imagine arm movement	14	10.1080/17470910701458551
Ma,2022	Motor	21	Imagine hand movement	30	10.3389/fnins.2022.806406
Madkhali,2022	Motor	4	Imagine arm movement	13	10.1155/2022/8744982
Maidan,2016	Motor	20	Imagine leg movement	17	10.1016/j.parkreldis.2016.01.025
Maillet,2015	Motor	8	Imagine leg movement	20	10.1002/hbm.22679
Malouin,2003	Motor	6	Imagine leg and whole body movement	37	10.1002/hbm.10103
Malouin,2003	Motor	6	Imagine leg and whole body movement	2	10.1002/hbm.10103
Malouin,2003	Motor	6	Imagine leg and whole body movement	5	10.1002/hbm.10103
Marchesotti,2017	Motor	12	Imagine arm movement	22	10.1002/hbm.23566
Marins,2015	Motor	14	Imagine arm movement	21	10.3389/fnbeh.2015.00341
Meister,2004	Motor	12	Imagine arm movement	12	10.1016/j.cogbrainres.2003.12.005
Mizuguchi,2013	Motor	19	Imagine arm movement	13	10.1016/j.neures.2013.03.012
Mizuguchi,2013	Motor	19	Imagine arm movement	18	10.1016/j.neures.2013.03.012
Mizuguchi,2013	Motor	19	Imagine arm movement	6	10.1016/j.neures.2013.03.012
Mizuguchi,2014	Motor	16	Imagine arm movement	8	10.3389/fnhum.2014.00810
Mizuguchi,2014	Motor	16	Imagine arm movement	10	10.3389/fnhum.2014.00810
Mizuguchi,2014	Motor	16	Imagine arm movement	8	10.3389/fnhum.2014.00810
Mizuguchi,2014b	Motor	17	Imagine hand and foot movement	49	10.1016/j.neulet.2014.08.025
Mizuguchi,2016	Motor	19	Imagine whole body movement	13	10.1016/j.neuroscience.2015.12.013
Mizuguchi,2019	Motor	34	Imagine finger movement	23	10.1016/j.neures.2018.12.005
Mochizuki,2014	Motor	30	Imagine coordination exercices	7	10.1080/17461391.2014.893019
Mochizuki,2014	Motor	30	Imagine coordination exercices	3	10.1080/17461391.2014.893019
Müller,2012	Motor	16	Imagine arm movement	4	10.1016/j.bbr.2012.03.013
Müller,2012	Motor	16	Imagine arm movement	6	10.1016/j.bbr.2012.03.013

Müller,2013	Motor	16	Imagine arm movement	6	10.1016/j.neuroimage.2012.10.073
Müller,2013	Motor	16	Imagine arm movement	4	10.1016/j.neuroimage.2012.10.073
Munzert,2008	Motor	10	Imagine movement sequences	5	10.1007/s00221-008-1376-y
Naito,2002	Motor	10	Imagine arm movement	8	10.1523/JNEUROSCI.22-09-03683.2002
Naito,2002	Motor	10	Imagine arm movement	4	10.1523/JNEUROSCI.22-09-03683.2002
Norton,2023	Motor	14	Imagine playing tennis	3	10.1016/j.ijchp.2022.100347
Norton,2023	Motor	14	Imagine playing tennis	13	10.1016/j.ijchp.2022.100347
Nyberg,2006	Motor	16	Imagine finger movement	12	10.1016/j.neuropsychologia.2005.08.006
Olivetti,2009	Motor	9	Imagine whole body movement	8	10.1016/j.actpsy.2009.06.009
Olivetti,2009	Motor	9	Imagine whole body movement	7	10.1016/j.actpsy.2009.06.009
Olivetti,2009	Motor	9	Imagine whole body movement	4	10.1016/j.actpsy.2009.06.009
Olsson,2008	Motor	12	Imagine whole body movement	18	10.2174/1874440000802010005
Olsson,2012	Motor	8	Imagine whole body movement	8	10.1016/j.expneurol.2012.03.022
Olsson,2012b	Motor	18	Imagine arm movement	9	10.3389/fnhum.2012.00255
Olsson,2012b	Motor	18	Imagine arm movement	2	10.3389/fnhum.2012.00255
Onuki,2015	Motor	16	Imagine arm movement	10	10.1093/cercor/bht221
Osborne,2015	Motor	15	Imagine arm movement	3	10.3389/fnhum.2015.00493
Oullier,2005	Motor	15	Imagine arm movement	21	10.1093/cercor/bhh198
Oullier,2005	Motor	15	Imagine arm movement	12	10.1093/cercor/bhh198
Palmiero,2009	Motor	9	Imagine whole body movement	6	10.1007/s10339-009-0324-5
Papageorgiou,2013	Motor	24	Imagine face movement	10	10.1073/pnas.1210738110
Patel,2018	Motor	10	Imagine slipping, walking	10	10.3389/fneur.2018.01181
Patel,2018	Motor	10	Imagine slipping, walking	7	10.3389/fneur.2018.01181
Piefke,2009	Motor	14	Imagine face or hand movement	8	10.1002/hbm.20514
Pilgramm,2013	Motor	20	Imagine suezing or pointing movement	12	10.1002/hbm.23015
Romero-Romo,2010	Motor	6	Imagine leg movement	8	10.1177/197140091002300605
Rousseau,2021	Motor	26	Imagine hand movement	11	10.1093/cercor/bhaa376
Ruby,2001	Motor	10	Imagine arm movement	9	10.1038/87510
Ruby,2001	Motor	10	Imagine arm movement	7	10.1038/87510

Ruby,2001	Motor	10	Imagine arm movement	6	10.1038/87510
Ruffieux,2018	Motor	15	Imagine standing or balance exercices	6	10.3389/fnbeh.2018.00010
Ruppert-Junck,2023	Motor	10	Imagine walking	3	10.1016/j.heliyon.2023.e14741
Sacco,2006	Motor	10	Imagine leg movement	29	10.1016/j.neuroimage.2006.05.018
Sacco,2006	Motor	10	Imagine leg movement	9	10.1016/j.neuroimage.2006.05.018
Sacheli,2017	Motor	24	Imagine walking	50	10.1002/hbm.23725
Sacheli,2020	Motor	43	Imagine walking	28	10.1002/hbm.24919
Sakreida,2018	Motor	28	Imagine arm movement	23	10.1093/cercor/bhw414
Sauvage,2011	Motor	8	Imagine arm movement	16	10.1007/s11682-011-9118-3
Sauvage,2013	Motor	12	Imagine leg movement	57	10.1016/j.neurad.2012.10.001
Sauvage,2013	Motor	12	Imagine leg movement	5	10.1016/j.neurad.2012.10.001
Sauvage,2015	Motor	35	Imagine leg movement	26	10.1016/j.neurad.2014.04.001
Seiler,2015	Motor	18	Imagine arm movement	28	10.1123/jsep.2014-0303
Seiler,2022	Motor	16	Imagine arm and trunc movement	38	10.1123/jsep.2021-0229
Seiler,2022	Motor	16	Imagine arm and trunc movement	35	10.1123/jsep.2021-0229
Seitz,1997	Motor	8	Imagine arm movement	6	10.1111/j.1460-9568.1997.tb01407.x
Servos,2002	Motor	10	Imagine arm movement	2	10.1093/cercor/12.7.772
Sharma,2009	Motor	13	Imagine arm movement	14	10.1002/ana.21810
Sharma,2014	Motor	31	Imagine arm movement	28	10.1371/journal.pone.0088443
Simmonds,2014	Motor	17	Imagine face movement	24	10.1523/JNEUROSCI.0336-14.2014
Simos,2017	Motor	21	Imagine arm movement	29	10.1016/j.neuroimage.2017.03.036
Snijders,2011	Motor	21	Imagine leg movement	6	10.1093/brain/awq324
Snijders,2011	Motor	21	Imagine leg movement	20	10.1093/brain/awq324
Soliman,2017	Motor	34	Imagine face movement	44	10.1097/WNR.0000000000000758
Stephan,1995	Motor	6	Imagine arm movement	25	10.1152/jn.1995.73.1.373
Stephan,1995	Motor	6	Imagine arm movement	3	10.1152/jn.1995.73.1.373
Szameitat,2007	Motor	15	Imagine arm and whole body movement	11	10.1016/j.neuroimage.2006.09.033
Szameitat,2007	Motor	15	Imagine arm and whole body movement	12	10.1016/j.neuroimage.2006.09.033
Szameitat,2007	Motor	15	Imagine arm and whole body movement	13	10.1016/j.neuroimage.2006.09.033

Szameitat,2007	Motor	15	Imagine arm and whole body movement	5	10.1016/j.neuroimage.2006.09.033
Szameitat,2007	Motor	15	Imagine arm and whole body movement	7	10.1016/j.neuroimage.2006.09.033
Szameitat,2007b	Motor	17	Imagine arm movement	47	10.1111/j.1460-9568.2007.05920.x
Szameitat,2012	Motor	17	Imagine arm movement	11	10.1371/journal.pone.0038506
Szameitat,2012b	Motor	21	Imagine arm movement	8	10.1016/j.neuroimage.2012.05.009
Tanaka,2017	Motor	41	Imagine playing music	7	10.3389/fnhum.2017.00606
Taube,2015	Motor	16	Imagine balance or static exercices	17	10.1016/j.cortex.2014.09.022
Taube,2015	Motor	16	Imagine balance or static exercices	27	10.1016/j.cortex.2014.09.022
Tian,2016	Motor	18	Imagine face movement	11	10.1016/j.cortex.2016.01.002
Tomasino,2007	Motor	15	Imagine whole body movement	10	10.1016/j.neuroimage.2007.03.035
Tomasino,2013	Motor	20	Imagine whole body movement	16	10.1016/j.brainres.2013.09.048
Tomasino,2013	Motor	20	Imagine whole body movement	37	10.1016/j.brainres.2013.09.048
Ueno,2010	Motor	15	Imagine arm movement	8	10.1007/s11682-009-9087-y
van der Meulen,2014	Motor	20	Imagine leg movement	34	10.1002/hbm.22192
van Elk,2012	Motor	18	Imagine arm movement	8	10.1007/s00221-012-3016-9
Villiger,2013	Motor	14	Imagine foot movement	12	10.1371/journal.pone.0072403
Villiger,2013	Motor	14	Imagine foot movement	8	10.1371/journal.pone.0072403
Vingerhoets,2002	Motor	12	Imagine arm movement	6	10.1006/nimg.2002.1290
Vrana,2015	Motor	14	Imagine daily life movement	13	10.1371/journal.pone.0142391
Vrana,2015	Motor	14	Imagine daily life movement	1	10.1371/journal.pone.0142391
Vry,2012	Motor	20	Imagine wrist movement	9	10.1007/s00221-012-3079-7
Wagner,2008	Motor	12	Imagine walking	12	10.1007/s00221-008-1520-8
Wagner,2008	Motor	12	Imagine walking	10	10.1007/s00221-008-1520-8
Wagner,2008	Motor	12	Imagine walking	12	10.1007/s00221-008-1520-8
Wagner,2008	Motor	12	Imagine walking	15	10.1007/s00221-008-1520-8
Wagner,2008	Motor	12	Imagine walking	7	10.1007/s00221-008-1520-8
Wagner,2008	Motor	12	Imagine walking	4	10.1007/s00221-008-1520-8
Wagner,2008	Motor	12	Imagine walking	10	10.1007/s00221-008-1520-8
Wang,2009	Motor	21	Imagine leg movement	32	10.1007/s00702-009-0269-y

Wang,2010	Motor	10	Imagine finger movement	6	10.1016/j.mri.2010.02.008
Wang,2019	Motor	20	Imagine hand movement	10	10.3389/fnagi.2019.00312
Wei,2010	Motor	12	Imagine gymnastics and diving	16	10.1016/j.brainres.2009.08.014
Wei,2010	Motor	12	Imagine gymnastics and diving	10	10.1016/j.brainres.2009.08.014
Willems,2009	Motor	32	Imagine arm movement	14	10.3389/neuro.09.039.2009
Willems,2009	Motor	32	Imagine arm movement	22	10.3389/neuro.09.039.2009
Willems,2010	Motor	20	Imagine arm and whole body movement	9	10.1162/jocn.2009.21386
Wolbers,2003	Motor	13	Imagine arm movement	6	10.1093/cercor/13.4.392
Wriessnegger,2014	Motor	23	Imagine whole body movement	8	10.3389/fnhum.2014.00469
Wriessnegger,2016	Motor	21	Imagine whole body movement	4	10.1016/j.bandc.2016.08.008
Wriessnegger,2016	Motor	21	Imagine whole body movement	10	10.1016/j.bandc.2016.08.008
Wutte,2012	Motor	19	Imagine leg movement	20	10.1016/j.bbr.2011.09.042
Wutte,2012	Motor	19	Imagine leg movement	5	10.1016/j.bbr.2011.09.042
Yang,2014	Motor	20	Imagine arm movement	11	10.1007/s00221-013-3753-4
Yang,2014	Motor	20	Imagine arm movement	6	10.1007/s00221-013-3753-4
Yang,2014	Motor	20	Imagine arm movement	6	10.1007/s00221-013-3753-4
Yang,2014	Motor	20	Imagine arm movement	6	10.1007/s00221-013-3753-4
Zabicki,2017	Motor	20	Imagine hand movement	8	10.1093/cercor/bhw257
Zanardi,2016	Motor	14	Imagine hand rotation	33	10.1016/j.bandc.2016.01.002
Zapparoli,2013	Motor	24	Imagine arm movement	9	10.1007/s00221-012-3331-1
Zapparoli,2014	Motor	30	Imagine arm movement	24	10.1007/s00221-014-4065-z
Zapparoli,2014	Motor	30	Imagine arm movement	19	10.1007/s00221-014-4065-z
Zapparoli,2016	Motor	46	Imagine arm movement	47	10.1111/ejn.13130
Zapparoli,2016	Motor	46	Imagine arm movement	39	10.1111/ejn.13130
Zapparoli,2019	Motor	22	Imagine grasping movement	93	10.1093/cercor/bhy314
Zapparoli,2020	Motor	29	Imagine walking	23	10.1002/hbm.25123
Zhang,2014	Motor	32	Imagine finger movement	2	10.1371/journal.pone.0085489
Zich,2015	Motor	24	Imagine arm movement	7	10.1016/j.neuroimage.2015.04.020
Zwergal,2012	Motor	20	Imagine leg and whole body movement	35	10.1016/j.neurobiolaging.2010.09.022

Anderson,2019	Visual	14	Imagine flickering circle	8	10.1016/j.neuroimage.2019.06.057
Banca,2015	Visual	20	Imagine dot moving	13	10.1088/1741-2560/12/6/066003
Banca,2015	Visual	20	Imagine dot moving	4	10.1088/1741-2560/12/6/066003
Beauregard,2009	Visual	15	Imagine light	10	10.1016/j.resuscitation.2009.05.006
Boly,2007	Visual	12	Imagine faces	7	10.1016/j.neuroimage.2007.02.047
Bonino,2015	Visual	10	Imagine clock	12	10.1016/j.neuropsychologia.2015.01.004
Bray,2010	Visual	44	Imagine rewards	13	10.1152/jn.01030.2009
Christian,2015	Visual	33	Imagine pain scenario	7	10.1162/jocn_a_00754
Ciarlo,2022	Visual	18	Imagine objects	10	10.1088/1741-2552/ac6f81
Costantini,2011	Visual	13	Imagine images	5	10.1016/j.neuropsychologia.2011.01.034
Creem,2001	Visual	12	Imagine self rotation	15	10.3758/cabn.1.3.239
Creem,2001	Visual	12	Imagine self rotation	13	10.3758/cabn.1.3.239
Creem-Regehr,2007	Visual	23	Imagine object manipulation	18	10.1017/S1355617707071093
Creem-Regehr,2007	Visual	23	Imagine object manipulation	26	10.1017/S1355617707071093
Daselaar,2010	Visual	15	Imagine images	18	10.1016/j.neuroimage.2010.04.239
de Borst,2012	Visual	3	Imagine scene	38	10.1016/j.neuroimage.2011.12.005
Delamillieure,2010	Visual	7	Imagine objects	3	10.1016/j.brainresbull.2009.11.014
D'Esposito,1997	Visual	7	Imagine objects	3	10.1016/s0028-3932(96)00121-2
Diekhof,2011	Visual	9	Imagine faces	20	10.1016/j.neuroimage.2010.08.034
Diekhof,2011	Visual	9	Imagine faces	9	10.1016/j.neuroimage.2010.08.034
Dijkstra,2021	Visual	35	Imagine images	11	10.1523/ENEURO.0228-21.2021
Dijkstra,2021	Visual	35	Imagine images	7	10.1523/ENEURO.0228-21.2021
Direito,2020	Visual	10	Imagine dot moving	15	10.3389/fnhum.2020.578119
Ganis,2004	Visual	15	Imagine objects	60	10.1016/j.cogbrainres.2004.02.012
Ganis,2004	Visual	15	Imagine objects	26	10.1016/j.cogbrainres.2004.02.012
Garbarini,2020	Visual	17	Naming definition task	4	10.1016/j.neuropsychologia.2019.107275
Gardini,2005	Visual	15	Imagine images	7	10.1016/j.neuroimage.2005.04.032
Gardini,2005	Visual	15	Imagine images	17	10.1016/j.neuroimage.2005.04.032
Gardini,2009	Visual	13	Imagine images	23	10.1007/s00426-008-0175-1

Gonsalves,2004	Visual	11	Imagine images	8	10.1111/j.0956-7976.2004.00736.x
Greening,2022	Visual	13	Imagine fear scenario	13	10.1038/s41598-022-05019-y
Han,2022	Visual	49	Imagine objects	12	10.1111/ejn.15654
Hauk,2008	Visual	21	Imagine action and object	5	10.1111/j.1460-9568.2008.06143.x
Hayashi,2014	Visual	16	Imagine word	31	10.1016/j.neures.2013.10.007
Hemati,2018	Visual	14	Imagine animals	124	10.3389/fnhum.2018.00515
Hohenfeld,2017	Visual	16	Imagine footpath	18	10.3389/fneur.2017.00384
Holland,2013	Visual	23	Recall autobiographical memories	21	10.1162/jocn_a_00289
Holland,2013	Visual	23	Recall autobiographical memories	11	10.1162/jocn_a_00289
Holland,2013	Visual	23	Recall autobiographical memories	34	10.1162/jocn_a_00289
Huijbers,2011	Visual	21	Imagine images	6	10.1016/j.neuropsychologia.2011.02.051
Ishai,2000	Visual	9	Imagine house, face and chair	10	10.1016/s0896-6273(00)00168-9
Ishai,2000	Visual	9	Imagine house, face and chair	16	10.1016/s0896-6273(00)00168-9
Izadifar,2022	Visual	1	Imagine musical composition	6	10.1002/pchj.522
Kawamichi,2007	Visual	14	Imagine object rotation	30	10.1016/j.brainres.2007.01.082
Kleider-Offutt,2019	Visual	28	Imagine hair cut	13	10.1007/s00221-019-05492-4
Kosslyn,1993	Visual	7	Imagine letter	7	10.1162/jocn.1993.5.3.263
Kosslyn,1993	Visual	7	Imagine letter	13	10.1162/jocn.1993.5.3.263
Kosslyn,2005	Visual	16	Imagine figure	7	10.3758/cabn.5.1.41
Kosslyn,2005	Visual	16	Imagine figure	10	10.3758/cabn.5.1.41
Lacey,2010	Visual	8	Imagine objects	17	10.1016/j.neuroimage.2009.10.081
Lacey,2010	Visual	8	Imagine objects	24	10.1016/j.neuroimage.2009.10.081
Lazard,2011	Visual	10	Imagine color	11	10.1016/j.neuropsychologia.2011.04.025
Lee,2014	Visual	14	Imagine word	6	10.1002/hbm.22512
Logie,2011	Visual	21	Imagine mental rotation	2	10.1016/j.neuropsychologia.2011.07.011
Mazard,2002	Visual	6	Imagine shapes	49	10.1162/089892902317236821
Mellet,1996	Visual	9	Imagine objects	17	10.1523/JNEUROSCI.16-20-06504.1996
Mellet,1996	Visual	9	Imagine objects	11	10.1523/JNEUROSCI.16-20-06504.1996
Mellet,1998	Visual	8	Imagine objects or animals	15	10.1523/JNEUROSCI.16-20-06504.1996

Mellet,1998	Visual	8	Imagine objects or animals	13	10.1523/JNEUROSCI.16-20-06504.1996
Mohr,2009	Visual	12	Imagine lines and circles	3	10.1016/j.neuroimage.2009.03.045
Olivetti,2009	Visual	9	Imagine objects	2	10.1016/j.actpsy.2009.06.009
Olivetti,2009	Visual	9	Imagine objects	16	10.1016/j.actpsy.2009.06.009
Roland,1995	Visual	11	Imagine color	5	10.1093/cercor/5.1.79
Roland,1995	Visual	11	Imagine color	7	10.1093/cercor/5.1.79
Roland,1995	Visual	11	Imagine color	10	10.1093/cercor/5.1.79
Sasaoka,2014	Visual	23	Imagine clock	20	10.1162/jocn_a_00493
Schicke,2006	Visual	11	Imagine disc flying	12	10.1111/j.1460-9568.2006.04720.x
Schicke,2006	Visual	11	Imagine disc flying	12	10.1111/j.1460-9568.2006.04720.x
Schienze,2008	Visual	24	Imagine images	14	10.1097/WNR.0b013e3282f85e10
Schienze,2008	Visual	24	Imagine images	19	10.1097/WNR.0b013e3282f85e10
Servos,2002	Visual	10	Imagine objects	8	10.1093/cercor/12.7.772
Seurinck,2011	Visual	16	Imagine mental rotation	6	10.1162/jocn.2010.21525
Thompson,2009	Visual	16	Imagine mental rotation (images)	9	10.1111/j.1467-9280.2009.02440.x
Tomasino,2022	Visual	19	Imagine scene	8	10.1002/hbm.25839
Trojano,2000	Visual	7	Imagine clock	7	10.1093/cercor/10.5.473
Trojano,2000	Visual	7	Imagine clock	10	10.1093/cercor/10.5.473
Trojano,2000	Visual	7	Imagine clock	14	10.1093/cercor/10.5.473
Weiler,2010	Visual	17	Imagine past and future event	6	10.1016/j.bbr.2010.04.013
Weiler,2010	Visual	17	Imagine past and future event	18	10.1016/j.bbr.2010.04.013
Whittingstall,2014	Visual	18	Imagine spatial navigation	14	10.1016/j.cortex.2013.02.004
Yi,2008	Visual	9	Imagine scene	11	10.1162/jocn.2008.20094
Zeman,2010	Visual	10	Imagine faces	20	10.1016/j.neuropsychologia.2009.08.024
Zvyagintsev,2013	Visual	15	Imagine objects	11	10.1111/ejn.12140
Zvyagintsev,2013	Visual	15	Imagine objects	8	10.1111/ejn.12140
Boly,2007	Auditory	12	Imagine song	4	10.1016/j.neuroimage.2007.02.047
Daselaar,2010	Auditory	15	Imagine sound	22	10.1016/j.neuroimage.2010.04.239
Endestad,2020	Auditory	1	Imagine melody	10	10.3389/fnhum.2020.576888

Grandchamp,2019	Auditory	24	Imagine voice	33	10.3389/fpsyg.2019.02019
Halpern,2004	Auditory	10	Imagine instrument	7	10.1016/j.neuropsychologia.2003.12.017
Herholz,2012	Auditory	10	Imagine song	2	10.1162/jocn_a_00216
Herholz,2012	Auditory	10	Imagine song	5	10.1162/jocn_a_00216
Herholz,2012	Auditory	10	Imagine song	9	10.1162/jocn_a_00216
Huijbers,2011	Auditory	21	Imagine sound	6	10.1016/j.neuropsychologia.2011.02.051
Izadifar,2022	Auditory	1	Imagine melody	3	10.1002/pchj.522
Kim,2008	Auditory	23	Imagine speech	6	10.1016/j.neulet.2008.09.019
Kim,2008	Auditory	23	Imagine speech	15	10.1016/j.neulet.2008.09.019
Kleber,2007	Auditory	16	Imagine song	13	10.1016/j.neuroimage.2007.02.053
Kleider-Offutt,2019	Auditory	28	Imagine voice	9	10.1007/s00221-019-05492-4
Kleider-Offutt,2019	Auditory	28	Imagine voice	2	10.1007/s00221-019-05492-4
Kurby,2013	Auditory	28	Imagine sound	13	10.1016/j.bandl.2013.07.003
Kurby,2013	Auditory	28	Imagine sound	9	10.1016/j.bandl.2013.07.003
Lazard,2011	Auditory	10	Imagine sound	9	10.1016/j.neuropsychologia.2011.04.025
Lazard,2011	Auditory	10	Imagine sound	3	10.1016/j.neuropsychologia.2011.04.025
Lazard,2013	Auditory	10	Imagine sound	10	10.1002/hbm.21504
Lazard,2013	Auditory	10	Imagine sound	4	10.1002/hbm.21504
Leaver,2009	Auditory	20	Imagine melody	4	10.1523/JNEUROSCI.4921-08.2009
Leaver,2009	Auditory	20	Imagine melody	8	10.1523/JNEUROSCI.4921-08.2009
Leclerc,2019	Auditory	53	Imagine word	11	10.1093/chemse/bjz055
Lu,2021	Auditory	24	Imagine poem	2	10.1016/j.neuroimage.2021.117724
Lu,2021	Auditory	24	Imagine poem	12	10.1016/j.neuroimage.2021.117724
Lu,2023	Auditory	30	Imagine poem	8	10.1093/cercor/bhac519
Lu,2023	Auditory	30	Imagine poem	6	10.1093/cercor/bhac519
Neef,2016	Auditory	32	Imagine melody	57	10.1016/j.neuroimage.2016.08.030
Neef,2016	Auditory	32	Imagine melody	32	10.1016/j.neuroimage.2016.08.030
Olivetti,2009	Auditory	9	Imagine sound	3	10.1016/j.actpsy.2009.06.009
Olivetti,2009	Auditory	9	Imagine sound	5	10.1016/j.actpsy.2009.06.009

Olivetti,2009	Auditory	9	Imagine sound	8	10.1016/j.actpsy.2009.06.009
Palmiero,2009	Auditory	9	Imagine whole body movement	2	10.1007/s10339-009-0324-5
Rudner,2005	Auditory	12	Imagine word	10	10.1016/j.bandl.2004.05.010
Shergill,2001	Auditory	8	Imagine word	12	10.1017/s003329170100335x
Shergill,2001	Auditory	8	Imagine word	9	10.1017/s003329170100335x
Shergill,2001	Auditory	8	Imagine word	10	10.1017/s003329170100335x
Simmonds,2014	Auditory	17	Imagine word	28	10.1523/JNEUROSCI.0336-14.2014
Tian,2016	Auditory	18	Imagine syllabe	11	10.1016/j.cortex.2016.01.002
Tsai,2018	Auditory	14	Imagine word, sound, music	37	10.1016/j.neuropsychologia.2018.07.028
Tsai,2018	Auditory	14	Imagine word, sound, music	6	10.1016/j.neuropsychologia.2018.07.028
Tsai,2018	Auditory	14	Imagine word, sound, music	36	10.1016/j.neuropsychologia.2018.07.028
Yoo,2001	Auditory	12	Imagine sound	21	10.1097/00001756-200110080-00013
Zatorre,2010	Auditory	12	Imagine song	36	10.1162/jocn.2009.21239
Zatorre,2010	Auditory	12	Imagine song	21	10.1162/jocn.2009.21239
Zvyagintsev,2013	Auditory	15	Imagine melody	7	10.1111/ejn.12140
Zvyagintsev,2013	Auditory	15	Imagine melody	15	10.1111/ejn.12140
Nierhaus,2023	Tactile	21	Imagine braille	12	10.1523/ENEURO.0408-22.2023
Olivetti,2009	Tactile	9	Imagine touching something	3	10.1016/j.actpsy.2009.06.009
Olivetti,2009	Tactile	9	Imagine touching something	4	10.1016/j.actpsy.2009.06.009
Olivetti,2009	Tactile	9	Imagine touching something	7	10.1016/j.actpsy.2009.06.009
Schmidt,2014	Tactile	14	Imagine vibration on body part	27	10.1016/j.neuroimage.2014.05.014
Schmidt,2019	Tactile	19	Imagine vibration on body part	28	10.3389/fnhum.2019.00010
Tomasino,2022	Tactile	19	Imagine sensation	13	10.1002/hbm.25839
Yoo,2003	Tactile	13	Imagine tactile stimulation	11	10.1097/00001756-200303240-00011
Yoo,2003	Tactile	13	Imagine tactile stimulation	6	10.1097/00001756-200303240-00011
Avery,2023	Gustatory	22	Imagine taste of substance	4	10.1016/j.pneurobio.2023.102423
Avery,2023	Gustatory	22	Imagine taste of substance	11	10.1016/j.pneurobio.2023.102423
Kikushi,2005	Gustatory	13	Imagine taste of substance	6	10.1097/00001756-200502280-00016
Kobayashi,2004	Gustatory	18	Imagine taste of substance	23	10.1016/j.neuroimage.2004.08.002

Olivetti,2009	Gustatory	9	Imagine taste of substance	2	10.1016/j.actpsy.2009.06.009
Olivetti,2009	Gustatory	9	Imagine taste of substance	4	10.1016/j.actpsy.2009.06.009
Olivetti,2009	Gustatory	9	Imagine taste of substance	3	10.1016/j.actpsy.2009.06.009
Han,2022	Olfactory	49	Imagine smell of substance	7	10.1111/ejn.15654
Leclerc,2019	Olfactory	48	Imagine smell of substance	17	10.1093/chemse/bjz055
Leclerc,2019	Olfactory	48	Imagine smell of substance	3	10.1093/chemse/bjz055
Olivetti,2009	Olfactory	9	Imagine smell of substance	6	10.1016/j.actpsy.2009.06.009
Olivetti,2009	Olfactory	9	Imagine smell of substance	3	10.1016/j.actpsy.2009.06.009
Olivetti,2009	Olfactory	9	Imagine smell of substance	6	10.1016/j.actpsy.2009.06.009
Plailly,2012	Olfactory	28	Imagine smell of substance	8	10.1002/hbm.21207