

**Table S1** | Results of CluB with User's Spatial Criterion set to 7 mm. For each cluster, the mean centroid coordinates in MNI stereotaxic space, the standard deviation along the three axes and the cardinality (N) are reported.

	Left Hemisphere							Right Hemisphere						
	$\mu_x$	$\mu_y$	$\mu_z$	SDx	SDy	SDz	N	$\mu_x$	$\mu_y$	$\mu_z$	SDx	SDy	SDz	N
Inferior Frontal Gyrus, pars Orbitalis	-40	23	-13	5.31	8.16	8.50	12	52	34	-2	4.88	5.03	5.15	10
Inferior Frontal Gyrus, pars Triangularis	-42	32	29	4.27	4.08	11.08	6	57	34	16	3.21	7.21	5.09	7
	-46	37	3	6.72	5.11	6.64	14							
Inferior Frontal Gyrus, pars Opercularis	-47	12	18	4.63	5.47	8.65	19							
Rolandic Operculum								60	9	6	8.32	8.33	11.06	12
Middle Frontal Gyrus								39	39	40	3.06	3.06	6.93	3
Middle Frontal Gyrus, pars Orbitalis	-36	51	-7	5.18	4.15	8.79	5	37	45	-15	8.64	8.01	4.22	10
Superior Frontal Gyrus	-14	57	38	6.00	5.76	8.00	5							
Superior Medial Frontal Gyrus								10	58	36	9.59	4.75	7.13	8
								7	38	58	8.08	1.91	4.43	4
Gyrus Rectus	-3	50	-19	4.16	7.21	4.16	3							
Anterior Cingulum	-9	22	25	7.55	10.56	12.12	10							
Supplementary Motor Area	-7	7	67	8.59	10.70	6.24	12							
Precentral Gyrus	-45	4	55	5.75	6.89	3.91	10	36	-10	58	2.61	8.29	10.77	5
	-39	5	38	4.93	7.87	3.40	11	49	10	43	4.60	8.65	3.03	5
	-27	-25	73	8.33	8.33	1.15	3							
Postcentral Gyrus	-60	-10	33	2.31	10.55	11.53	7							
Paracentral Lobule								5	-27	60	8.25	3.83	6.32	4
Superior Parietal Lobule	-31	-63	60	3.03	3.90	6.16	5							
Inferior Parietal Lobule	-50	-42	57	4.29	5.90	7.42	9	48	-42	56	8.29	9.63	4.97	6
Supramarginal Gyrus								65	-39	26	4.76	5.51	8.49	4
Superior Temporal Gyrus	-53	-44	24	7.12	7.86	6.36	10							
	-58	4	-10	2.63	5.96	7.71	10							
Superior Temporal Pole	-28	8	-29	5.17	8.17	5.20	9	48	15	-19	7.13	5.29	8.16	12

**Table S1** | Results of CluB with User's Spatial Criterion set to 7 mm. For each cluster, the mean centroid coordinates in MNI stereotaxic space, the standard deviation along the three axes and the cardinality (N) are reported.

Middle Temporal Gyrus	-57	-45	4	4.98	9.55	4.55	15	55	-26	-12	7.17	4.45	6.81	14
	-62	-20	-7	4.78	6.77	8.53	15	62	-45	-4	3.71	7.69	10.58	16
Inferior Temporal Gyrus	-62	-41	-15	4.63	2.73	8.45	6							
Fusiform Gyrus	-42	-47	-24	1.98	5.35	7.29	8							
Precuneus	-10	-53	71	11.35	6.72	7.95	5	6	-51	9	9.32	5.02	8.79	5
								7	-92	24	4.73	5.26	8.06	4
Lingual Gyrus								25	-98	-13	7.48	3.99	5.64	15
								10	-76	-10	7.27	9.50	6.20	6
Superior Occipital Gyrus								20	-103	5	3.58	2.76	4.84	6
								27	-63	37	1.15	3.06	4.16	3
Middle Occipital Gyrus	-25	-100	2	5.61	4.18	4.25	12	38	-90	3	6.62	6.69	6.02	6
	-32	-73	34	6.36	7.01	9.91	10							
Inferior Occipital Gyrus	-18	-102	-11	4.86	3.24	3.66	12							
	-30	-93	-11	5.95	5.06	4.75	14							
	-43	-69	-14	5.25	9.10	7.93	10							
Parahippocampal Gyrus	-26	-12	-24	4.87	5.18	5.18	8							
	-14	-27	-10	9.10	5.93	6.54	5							
Hippocampus								25	-20	-7	7.08	5.43	9.17	9
								22	-4	-17	8.97	9.02	9.09	10
Vermis								5	-61	-38	5.85	7.48	10.05	8
Cerebellum, Crus I								29	-83	-25	5.13	4.43	4.43	7
								38	-60	-26	6.89	10.36	5.53	10
Cerebellum, Crus II	-23	-81	-42	12.25	5.49	5.46	9	30	-76	-45	9.59	4.54	4.13	8
Thalamus	-7	-6	1	5.38	10.09	9.30	7							

**Table S1** | Results of CluB with User's Spatial Criterion set to 7 mm. For each cluster, the mean centroid coordinates in MNI stereotaxic space, the standard deviation along the three axes and the cardinality (N) are reported.

No Region	-26	-45	24	3.65	10.06	13.95	7
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**Table S2** | Results of CluB with User's Spatial Criterion set to 8 mm. For each cluster, the mean centroid coordinates in MNI stereotaxic space, the standard deviation along the three axes and the cardinality (N) are reported.

	Left Hemisphere							Right Hemisphere						
	$\mu x$	$\mu y$	$\mu z$	SDx	SDy	SDz	N	$\mu x$	$\mu y$	$\mu z$	SDx	SDy	SDz	N
Inferior Frontal Gyrus, pars Orbitalis	-40	23	-13	5.31	8.16	8.50	12							
Inferior Frontal Gyrus, pars Triangularis	-42	32	29	4.27	4.08	11.08	6	54	34	5	4.86	5.81	10.44	17
	-43	40	1	7.54	8.01	8.35	19							
Inferior Frontal Gyrus, pars Opercularis	-47	12	18	4.63	5.47	8.65	19							
Rolandic Operculum								60	9	6	8.32	8.33	11.06	12
Medial Frontal Gyrus, pars Orbitalis								37	45	-15	8.64	8.01	4.22	10
Medial Frontal Gyrus								46	21	42	6.39	16.80	4.66	8
Superior Frontal Gyrus								1	57	37	14.71	4.93	7.23	13
								7	38	58	8.08	1.91	4.43	4
Gyrus Rectus	-3	50	-19	4.16	7.21	4.16	3							
Anterior Cingulum	-9	22	25	7.55	10.56	12.12	10							
Supplementary Motor Area	-7	7	67	8.59	10.70	6.24	12							

**Table S2** | Results of CluB with User's Spatial Criterion set to 8 mm. For each cluster, the mean centroid coordinates in MNI stereotaxic space, the standard deviation along the three axes and the cardinality (N) are reported.

Precentral Gyrus	-27	-25	73	8.33	8.33	1.15	3	36	-10	58	2.61	8.29	10.77	5
	-42	4	46	6.06	7.26	9.22	21							
Postcentral Gyrus	-60	-10	33	2.31	10.55	11.53	7							
Postcentral Lobe								5	-27	60	8.25	3.83	6.32	4
Superior Parietal Lobule	-20	-58	65	13.64	7.39	8.80	10							
Inferior Parietal Lobule	-50	-42	57	4.29	5.90	7.42	9	48	-42	56	8.29	9.63	4.97	6
Supramarginal Gyrus								65	-39	26	4.76	5.51	8.49	4
Superior Temporal Gyrus	-53	-44	24	7.12	7.86	6.36	10							
	-58	4	-10	2.63	5.96	7.71	10							
Superior Temporal Pole	-28	8	-29	5.17	8.17	5.20	9	48	15	-19	7.13	5.29	8.16	12
Medial Temporal Gyrus	-59	-43	-2	5.15	8.30	10.19	21	55	-26	-12	7.17	4.45	6.81	14
	-62	-20	-7	4.78	6.77	8.53	15	62	-45	-4	3.71	7.69	10.58	16
Precuneus								6	-51	9	9.32	5.02	8.79	5
Cuneus								7	-92	24	4.73	5.26	8.06	4



**Table S3** | Results of CluB with User's Spatial Criterion set to 9 mm. For each cluster, the mean centroid coordinates in MNI stereotaxic space, the standard deviation along the three axes and the cardinality (N) are reported.

	Left Hemisphere							Right Hemisphere						
	$\mu x$	$\mu y$	$\mu z$	SDx	SDy	SDz	N	$\mu x$	$\mu y$	$\mu z$	SDx	SDy	SDz	N
Inferior Frontal Gyrus, pars Orbitalis	-40	35	-2	4.90	1.03	6.07	6	47	20	-11	5.26	4.32	4.12	4
								46	40	-17	1.63	5.00	2.58	4
								52	34	-2	4.88	5.03	5.15	10
Inferior Frontal Gyrus, pars Triangularis	-43	32	23	5.26	5.00	5.00	4	57	34	16	3.21	7.21	5.09	7
	-50	38	7	3.92	6.50	3.69	8							
Inferior Frontal Gyrus, pars Opercularis	-45	11	24	5.01	5.89	5.99	11	43	12	17	7.07	0.00	7.07	2
	-49	14	10	2.60	4.46	2.14	8	62	17	2	1.00	2.58	4.90	4
Middle Frontal Gyrus	-37	15	57	1.41	4.24	7.07	2	39	39	40	3.06	3.06	6.93	3
	-42	32	42	2.83	2.83	5.66	2							
	-36	9	36	3.27	5.50	1.38	7							

**Table S3** | Results of CluB with User's Spatial Criterion set to 9 mm. For each cluster, the mean centroid coordinates in MNI stereotaxic space, the standard deviation along the three axes and the cardinality (N) are reported.

Middle Frontal Gyrus, pars Orbitalis	-36	51	-7	5.18	4.15	8.79	5	32	49	-13	5.85	7.76	4.52	6
Superior Frontal Gyrus	-16	19	63	6.00	5.03	7.02	3	21	57	38	6.43	3.06	6.00	3
	-14	57	38	6.00	5.76	8.00	5							
Superior Medial Frontal Gyrus								4	58	34	3.16	5.83	8.05	5
								7	38	58	8.08	1.91	4.43	4
Gyrus Rectus	-3	50	-19	4.16	7.21	4.16	3							
Anterior Cingulum	-17	38	19	4.24	0.00	1.41	2							
Middle Cingulum	-6	22	39	3.65	8.39	6.19	4							
Supplementary Motor Area	-9	-3	71	4.38	6.87	3.03	5	3	9	64	3.42	4.76	6.53	4
Precentral Gyrus	-27	-25	73	8.33	8.33	1.15	3	36	-10	58	2.61	8.29	10.77	5
	-47	1	54	4.41	3.70	3.28	8	49	10	43	4.60	8.65	3.03	5



**Table S3** | Results of CluB with User's Spatial Criterion set to 9 mm. For each cluster, the mean centroid coordinates in MNI stereotaxic space, the standard deviation along the three axes and the cardinality (N) are reported.

	-44	-3	42	2.31	3.83	3.42	4	65	6	20	1.41	5.66	8.49	2
Postcentral Gyrus	-45	-37	65	3.06	6.43	4.16	3							
	-59	-16	43	1.15	8.17	1.91	4							
	-61	-3	21	3.06	9.02	3.06	3							
Paracentral Lobule	5	-27	60	8.25	3.83	6.32	4							
Insula	-37	16	-4	5.93	6.84	4.77	5							
Superior Parietal Lobule	-17	-49	71	8.33	4.16	11.02	3	41	-50	57	2.31	5.29	7.02	3
	-31	-63	60	3.03	3.90	6.16	5							
Inferior Parietal Lobule	-53	-45	52	2.07	3.01	3.67	6	55	-34	54	5.77	3.46	2.00	3
Supramarginal Gyrus	-58	-44	28	3.67	9.16	3.67	6	65	-39	26	4.76	5.51	8.49	4

**Table S3** | Results of CluB with User's Spatial Criterion set to 9 mm. For each cluster, the mean centroid coordinates in MNI stereotaxic space, the standard deviation along the three axes and the cardinality (N) are reported.

Superior Temporal Pole	-58	4	-10	2.63	5.96	7.71	10	43	15	-28	5.29	2.00	2.83	4
	-41	28	-19	4.43	4.00	4.43	7							
	-29	17	-30	5.00	4.43	5.16	4							
Middle Temporal Pole	56	10	-18	4.43	3.65	3.65	4							
Superior Temporal Gyrus	-45	-45	19	1.15	6.63	6.22	4	63	2	-4	3.46	8.06	4.32	4
Middle Temporal Gyrus	-57	-52	5	6.23	6.23	5.45	8	60	-53	3	3.74	4.60	3.63	5
	-58	-36	2	3.55	2.83	2.83	7	65	-38	-1	3.21	3.55	7.46	7
	-63	-22	-2	5.01	6.31	4.60	10	55	-26	-9	7.87	3.90	2.43	11
	-60	-16	-16	4.34	6.39	4.98	5							
Inferior Temporal Gyrus	-62	-41	-15	4.63	2.73	8.45	6	61	-47	-19	2.58	5.74	4.16	4
								57	-24	-24	4.62	6.93	2.00	3

**Table S3** | Results of CluB with User's Spatial Criterion set to 9 mm. For each cluster, the mean centroid coordinates in MNI stereotaxic space, the standard deviation along the three axes and the cardinality (N) are reported.

Fusiform Gyrus	-43	-63	-18	3.50	3.50	5.85	6							
	-42	-47	-24	1.98	5.35	7.29	8							
Precuneus	-27	-49	14	3.46	7.02	5.26	4	1	-59	70	1.41	4.24	2.83	2
								10	-48	15	10.00	3.46	3.06	3
Cuneus								7	-92	24	4.73	5.26	8.06	4
Lingual Gyrus								16	-84	-6	3.46	3.46	6.00	3
								16	-102	-15	4.34	2.61	4.82	5
Superior Occipital Gyrus								27	-63	37	1.15	3.06	4.16	3
								20	-103	5	3.58	2.76	4.84	6
Middle Occipital Gyrus	-33	-73	39	7.47	8.46	3.80	7	38	-90	3	6.62	6.69	6.02	6
	-30	-74	22	2.00	2.00	10.00	3							

**Table S3** | Results of CluB with User's Spatial Criterion set to 9 mm. For each cluster, the mean centroid coordinates in MNI stereotaxic space, the standard deviation along the three axes and the cardinality (N) are reported.

	-25	-100	2	5.61	4.18	4.25	12							
Inferior Occipital Gyrus	-43	-79	-7	7.90	5.26	4.43	4	30	-96	-11	3.75	3.05	5.82	10
	-18	-102	-11	4.86	3.24	3.66	12							
	-30	-93	-11	5.95	5.06	4.75	14							
Amygdala	-28	2	-28	5.90	1.41	5.55	5							
Parahippocampal Gyrus	-20	-25	-14	3.46	6.11	3.46	3	21	-27	-16	1.15	1.15	4.00	3
	-26	-12	-24	4.87	5.18	5.18	8	18	-7	-22	5.59	8.38	4.68	7
Vermis	-1	-55	0	1.41	4.24	2.83	2	4	-69	-14	3.46	6.11	3.46	3
								2	-54	-31	5.51	2.83	7.72	4
Cerebellum, Crus I								41	-69	-25	3.35	5.22	5.02	5
								29	-83	-25	5.13	4.43	4.43	7



**Table S4** | Results of CluB with User's Spatial Criterion set to 10 mm. For each cluster, the mean centroid coordinates in MNI stereotaxic space, the standard deviation along the three axes and the cardinality (N) are reported.

	Left Hemisphere							Right Hemisphere						
	$\mu_x$	$\mu_y$	$\mu_z$	SDx	SDy	SDz	n	$\mu_x$	$\mu_y$	$\mu_z$	SDx	SDy	SDz	n
Inferior Frontal Gyrus, pars Triangularis	-43	40	1	7.54	8.01	8.35	19	54	34	5	4.86	5.81	10.44	17
Inferior Frontal Gyrus, pars Opercularis	-46	17	21	4.85	9.85	10.17	25							
Anterior Cingulum	-9	22	25	7.55	10.56	12.12	10							
Superior Medial Frontal Gyrus								2	53	42	13.48	9.72	11.24	17
Middle Frontal Gyrus, pars Opercularis								28	46	-16	19.44	7.85	4.41	13
Supplementary Motor Area	-7	7	67	8.59	10.70	6.24	12							
Precentral Gyrus	-46	1	43	9.63	10.27	11.12	28	42	9	48	7.16	20.89	10.82	13
Paracentral Lobule	-9	-26	65	18.86	5.59	8.14	7							
Superior Parietal Lobe	-20	-58	65	13.64	7.39	8.80	10							
Inferior Parietal Lobule	-50	-42	57	4.29	5.90	7.42	9							
Supramarginal Gyrus	-42	-44	24	14.68	8.53	9.78	17	55	-41	44	11.08	8.06	16.50	10
Superior Temporal Pole	-35	17	-20	7.66	10.80	10.79	21	54	12	-7	9.48	7.45	15.64	24



**Table S5** | Results of CluB with User's Spatial Criterion set to 11 mm. For each cluster, the mean centroid coordinates in MNI stereotaxic space, the standard deviation along the three axes and the cardinality (N) are reported.

	Left Hemisphere							Right Hemisphere						
	$\mu_x$	$\mu_y$	$\mu_z$	SDx	SDy	SDz	N	$\mu_x$	$\mu_y$	$\mu_z$	SDx	SDy	SDz	N
Inferior Frontal Gyrus, pars Orbitalis								54	21	-2	7.82	12.89	14.78	41
Inferior Frontal Gyrus, pars Triangularis	-43	40	1	7.54	8.01	8.35	19							
Inferior Frontal Gyrus, pars Opercularis	-46	17	21	4.85	9.85	10.17	25							
Middle Frontal Gyrus, pars Orbitalis								28	46	-16	19.44	7.85	4.41	13
Superior Medial Frontal Gyrus								2	53	42	13.48	9.72	11.24	17
Supplementary Motor Area	-7	7	67	8.59	10.70	6.24	12							
Precentral Gyrus	-46	1	43	9.63	10.27	11.12	28	42	9	48	7.16	20.89	10.82	13
Inferior Parietal Lobule	-50	-42	57	4.29	5.90	7.42	9							
Supramarginal Gyrus	-42	-44	24	14.68	8.53	9.78	17	55	-41	44	11.08	8.06	16.50	10
Superior Temporal Pole	-35	17	-20	7.66	10.80	10.79	21							
Middle Temporal Gyrus	-59	-43	-2	5.15	8.30	10.19	21	59	-36	-8	6.53	11.64	9.79	30
	-61	-10	-8	4.38	13.39	8.19	25							





**Table S6** | Results of CluB with User's Criterion set to 12 mm. For each cluster, the mean centroid coordinates in MNI stereotaxic space, the standard deviation along the three axes and the cardinality (N) are reported.

	Left Hemisphere							Right Hemisphere						
	$\mu x$	$\mu y$	$\mu z$	SDx	SDy	SDz	N	$\mu x$	$\mu y$	$\mu z$	SDx	SDy	SDz	N
Inferior Frontal Gyrus, pars Orbitalis								54	21	-2	7.82	12.89	14.78	41
Inferior Frontal Gyrus, pars Triangularis	-43	40	1	7.54	8.01	8.35	19							
Inferior Frontal Gyrus, pars Opercularis	-46	17	21	4.85	9.85	10.17	25							
Middle Frontal Gyrus, pars Orbitalis								28	46	-16	19.44	7.85	4.41	13
Superior Medial Frontal Gyrus	-2	41	35	12.80	17.95	13.90	27							
Supplementary Motor Area	-7	7	67	8.59	10.70	6.24	12							
Precentral Gyrus	-46	1	43	9.63	10.27	11.12	28	42	9	48	7.16	20.89	10.82	13
Superior Parietal Lobule	-28	-44	62	21.51	14.25	8.91	26							
Supramarginal Gyrus								55	-41	44	11.08	8.06	16.50	10



**Table S7** | Results of CluB with User's Criterion set to 13 mm. For each cluster, the mean centroid coordinates in MNI stereotaxic space, the standard deviation along the three axes and the cardinality (N) are reported.

	Left Hemisphere							Right Hemisphere						
	$\mu_x$	$\mu_y$	$\mu_z$	SDx	SDy	SDz	N	$\mu_x$	$\mu_y$	$\mu_z$	SDx	SDy	SDz	N
Inferior Frontal Gyrus, pars Orbitalis	-39	28	-10	8.65	15.24	13.99	40	54	21	-2	7.82	12.89	14.78	41
Middle Frontal Gyrus, pars Orbitalis								28	46	-16	19.44	7.85	4.41	13
Superior Medial Frontal Gyrus	-2	41	35	12.8	17.95	13.90	27							
Supplementary Motor Area	-7	7	67	8.59	10.70	6.24	12							
Precentral Gyrus	-46	8	33	7.69	12.91	15.34	53	42	9	48	7.16	20.89	10.82	13
Superior Parietal Lobule	-28	-44	62	21.51	14.25	8.91	26							
Supramarginal Gyrus								55	-41	44	11.08	8.05	16.51	10



**Table S8** | Results of CluB with User's Spatial Criterion set to 14 mm. For each cluster, the mean centroid coordinates in MNI stereotaxic space, the standard deviation along the three axes and the cardinality (N) are reported.

	Left Hemisphere							Right Hemisphere						
	$\mu_x$	$\mu_y$	$\mu_z$	SDx	SDy	SDz	N	$\mu_x$	$\mu_y$	$\mu_z$	SDx	SDy	SDz	N
Inferior Frontal Gyrus, pars Orbitalis	-39	28	-10	8.65	15.24	13.99	40	48	27	-5	15.99	15.97	14.30	54
Superior Medial Frontal Gyrus	-2	41	35	12.80	17.95	13.90	27							
Supplementary Motor Area	-7	7	67	8.59	10.70	6.24	12							
Precentral Gyrus	-46	8	33	7.69	12.91	15.34	53	42	9	48	7.16	20.89	10.82	13
Superior Parietal Lobule	-28	-44	62	21.51	14.25	8.91	26							
Supramarginal Gyrus								55	-41	44	11.08	8.06	16.51	10
Angular Gyrus	-38	-55	28	12.97	16.90	10.75	27							
Middle Temporal Gyrus	-61	-10	-8	4.39	13.39	8.19	25	59	-36	-8	6.53	11.64	9.79	30
Inferior Temporal Gyrus	-51	-51	-9	9.40	13.47	12.68	39							

