

Supplementary Table 1. Region of interest

Lobe	Gyrus	Abbreviation	Label		Anatomical description	
Frontal Lobe	SFG, Superior Frontal Gyrus	SFG_R_7_1 / SFG_L_7_1	1	273	A8m, medial area 8	
		SFG_R_7_2 / SFG_L_7_2	2	272	A8dl, dorsolateral area 8	
		SFG_R_7_3 / SFG_L_7_3	3	271	A9l, lateral area 9	
		SFG_R_7_4 / SFG_L_7_4	4	270	A6dl, dorsolateral area 6	
		SFG_R_7_5 / SFG_L_7_5	5	269	A6m, medial area 6	
		SFG_R_7_6 / SFG_L_7_6	6	268	A9m, medial area 9	
		SFG_R_7_7 / SFG_L_7_7	7	267	A10m, medial area 10	
	MFG, Middle Frontal Gyrus	MFG_R_7_1 / MFG_L_7_1	8	266	A9/46d, dorsal area 9/46	
		MFG_R_7_2 / MFG_L_7_2	9	265	IFJ, inferior frontal junction	
		MFG_R_7_3 / MFG_L_7_3	10	264	A46, area 46	
		MFG_R_7_4 / MFG_L_7_4	11	263	A9/46v, ventral area 9/46	
		MFG_R_7_5 / MFG_L_7_5	12	262	A8vl, ventrolateral area 8	
		MFG_R_7_6 / MFG_L_7_6	13	261	A6vl, ventrolateral area 6	
		MFG_R_7_7 / MFG_L_7_7	14	260	A10l, lateral area 10	
	IFG, Inferior Frontal Gyrus	IFG_R_6_1 / IFG_L_6_1	15	259	A44d, dorsal area 44	
		IFG_R_6_2 / IFG_L_6_2	16	258	IFS, inferior frontal sulcus	
		IFG_R_6_3 / IFG_L_6_3	17	257	A45c, caudal area 45	
		IFG_R_6_4 / IFG_L_6_4	18	256	A45r, rostral area 45	
		IFG_R_6_5 / IFG_L_6_5	19	255	A44op, opercular area 44	
		IFG_R_6_6 / IFG_L_6_6	20	254	A44v, ventral area 44	
		OrG, Orbital Gyrus	OrG_R_6_1 / OrG_L_6_1	21	253	A14m, medial area 14
	OrG_R_6_2 / OrG_L_6_2		22	252	A12/47o, orbital area 12/47	
	OrG_R_6_3 / OrG_L_6_3		23	251	A11l, lateral area 11	
	OrG_R_6_4 / OrG_L_6_4		24	250	A11m, medial area 11	
	OrG_R_6_5 / OrG_L_6_5		25	249	A13, area 13	
	OrG_R_6_6 / OrG_L_6_6		26	248	A12/47l, lateral area 12/47	
	PrG, Precentral Gyrus		PrG_R_6_1 / PrG_L_6_1	27	247	A4hf, area 4 (head and face region)
		PrG_R_6_2 / PrG_L_6_2	28	246	A6cdl, caudal dorsolateral area 6	
		PrG_R_6_3 / PrG_L_6_3	29	245	A4ul, area 4 (upper limb region)	
		PrG_R_6_4 / PrG_L_6_4	30	244	A4t, area 4 (trunk region)	
		PrG_R_6_5 / PrG_L_6_5	31	243	A4tl, area 4 (tongue and larynx region)	
		PrG_R_6_6 / PrG_L_6_6	32	242	A6cvl, caudal ventrolateral area 6	
		PCL, Paracentral Lobule	PCL_R_2_1 / PCL_L_2_1	33	241	A1/2/3ll, area 1/2/3 (lower limb region)
	PCL_R_2_2 / PCL_L_2_2		34	240	A4ll, area 4, (lower limb region)	
	STG, Superior Temporal Gyrus		STG_R_6_1 / STG_L_6_1	35	239	A38m, medial area 38
			STG_R_6_2 / STG_L_6_2	36	238	A41/42, area 41/42
		STG_R_6_3 / STG_L_6_3	37	237	TE1.0 and TE1.2	
		STG_R_6_4 / STG_L_6_4	38	236	A22c, caudal area 22	
		STG_R_6_5 / STG_L_6_5	39	235	A38l, lateral area 38	
		STG_R_6_6 / STG_L_6_6	40	234	A22r, rostral area 22	
		MTG, Middle Temporal Gyrus	MTG_R_4_1 / MTG_L_4_1	41	233	A21c, caudal area 21
	MTG_R_4_2 / MTG_L_4_2		42	232	A21r, rostral area 21	
	MTG_R_4_3 / MTG_L_4_3		43	231	A37dl, dorsolateral area 37	
	MTG_R_4_4 / MTG_L_4_4		44	230	aSTS, anterior superior temporal sulcus	
	ITG, Inferior Temporal Gyrus	ITG_R_7_1 / ITG_L_7_1	45	229	A20iv, intermediate ventral area 20	
		ITG_R_7_2 / ITG_L_7_2	46	228	A37elv, extreme lateroventral area 37	
		ITG_R_7_3 / ITG_L_7_3	47	227	A20r, rostral area 20	
ITG_R_7_4 / ITG_L_7_4		48	226	A20il, intermediate lateral area 20		
ITG_R_7_5 / ITG_L_7_5		49	225	A37vl, ventrolateral area 37		
ITG_R_7_6 / ITG_L_7_6		50	224	A20cl, caudolateral of area 20		
ITG_R_7_7 / ITG_L_7_7		51	223	A20cv, caudoventral of area 20		
FuG, Fusiform Gyrus	FuG_R_3_1 / FuG_L_3_1	52	222	A20rv, rostroventral area 20		
	FuG_R_3_2 / FuG_L_3_2	53	221	A37mv, medioventral area 37		
	FuG_R_3_3 / FuG_L_3_3	54	220	A37lv, lateroventral area 37		
PhG, Parahippocampal Gyrus	PhG_R_6_1 / PhG_L_6_1	55	219	A35/36r, rostral area 35/36		
	PhG_R_6_2 / PhG_L_6_2	56	218	A35/36c, caudal area 35/36		
	PhG_R_6_3 / PhG_L_6_3	57	217	TL, area TL (lateral PPHC, posterior parahippocampal gyrus)		
	PhG_R_6_4 / PhG_L_6_4	58	216	A28/34, area 28/34 (EC, entorhinal cortex)		
	PhG_R_6_5 / PhG_L_6_5	59	215	TI, area TI (temporal agranular insular cortex)		
	PhG_R_6_6 / PhG_L_6_6	60	214	TH, area TH (medial PPHC)		
	pSTS, posterior Superior Temporal Sulcus	pSTS_R_2_1 / pSTS_L_2_1	61	213	rpSTS, rostromedial superior temporal sulcus	
pSTS_R_2_2 / pSTS_L_2_2		62	212	cpSTS, caudoposterior superior temporal sulcus		
Parietal Lobe	SPL, Superior Parietal Lobule	SPL_R_5_1 / SPL_L_5_1	63	211	A7r, rostral area 7	
		SPL_R_5_2 / SPL_L_5_2	64	210	A7c, caudal area 7	
		SPL_R_5_3 / SPL_L_5_3	65	209	A5l, lateral area 5	
		SPL_R_5_4 / SPL_L_5_4	66	208	A7pc, postcentral area 7	
		SPL_R_5_5 / SPL_L_5_5	67	207	A7ip, intraparietal area 7 (HIP3)	
	IPL, Inferior Parietal Lobule	IPL_R_6_1 / IPL_L_6_1	68	206	A39c, caudal area 39 (PGp)	
		IPL_R_6_2 / IPL_L_6_2	69	205	A39rd, rostrorodorsal area 39 (Hip3)	
		IPL_R_6_3 / IPL_L_6_3	70	204	A40rd, rostrorodorsal area 40 (PFt)	
		IPL_R_6_4 / IPL_L_6_4	71	203	A40c, caudal area 40 (PFm)	
		IPL_R_6_5 / IPL_L_6_5	72	202	A39rv, rostroventral area 39 (PGa)	
		IPL_R_6_6 / IPL_L_6_6	73	201	A40rv, rostroventral area 40 (PFop)	
	Pcun, Precuneus	PCun_R_4_1 / PCun_L_4_1	74	200	A7m, medial area 7 (PEp)	
		PCun_R_4_2 / PCun_L_4_2	75	199	A5m, medial area 5 (PEm)	
		PCun_R_4_3 / PCun_L_4_3	76	198	dmPOS, dorsomedial parietooccipital sulcus (PEr)	
		PCun_R_4_4 / PCun_L_4_4	77	197	A31, area 31 (Lc1)	
	PoG, Postcentral Gyrus	PoG_R_4_1 / PoG_L_4_1	78	196	A1/2/3ulhf, area 1/2/3 (upper limb, head and face region)	
		PoG_R_4_2 / PoG_L_4_2	79	195	A1/2/3tonla, area 1/2/3 (tongue and larynx region)	
		PoG_R_4_3 / PoG_L_4_3	80	194	A2, area 2	
		PoG_R_4_4 / PoG_L_4_4	81	193	A1/2/3tru, area 1/2/3 (trunk region)	
Insular Lobe	INS, Insular Gyrus	INS_R_6_1 / INS_L_6_1	82	192	G, hypergranular insula	
		INS_R_6_2 / INS_L_6_2	83	191	vla, ventral agranular insula	
		INS_R_6_3 / INS_L_6_3	84	190	dla, dorsal agranular insula	
		INS_R_6_4 / INS_L_6_4	85	189	vid/vlg, ventral dysgranular and granular insula	
		INS_R_6_5 / INS_L_6_5	86	188	dlg, dorsal granular insula	
		INS_R_6_6 / INS_L_6_6	87	187	dld, dorsal dysgranular insula	
		Limbic Lobe	CG, Cingulate Gyrus	CG_R_7_1 / CG_L_7_1	88	186
CG_R_7_2 / CG_L_7_2	89			185	A24rv, rostroventral area 24	
CG_R_7_3 / CG_L_7_3	90			184	A32p, pregenual area 32	
CG_R_7_4 / CG_L_7_4	91			183	A23v, ventral area 23	
CG_R_7_5 / CG_L_7_5	92			182	A24cd, caudodorsal area 24	
CG_R_7_6 / CG_L_7_6	93			181	A23c, caudal area 23	
CG_R_7_7 / CG_L_7_7	94			180	A32sg, subgenual area 32	
Occipital Lobe	MVOcC, MedioVentral Occipital Cortex			MVOcC_R_5_1 / MVOcC_L_5_1	95	179
		MVOcC_R_5_2 / MVOcC_L_5_2	96	178	rCunG, rostral cuneus gyrus	
		MVOcC_R_5_3 / MVOcC_L_5_3	97	177	cCunG, caudal cuneus gyrus	
		MVOcC_R_5_4 / MVOcC_L_5_4	98	176	rLinG, rostral lingual gyrus	
		MVOcC_R_5_5 / MVOcC_L_5_5	99	175	vmPOS, ventromedial parietooccipital sulcus	
	LOcC, lateral Occipital Cortex	LOcC_R_4_1 / LOcC_L_4_1	100	174	mOccG, middle occipital gyrus	
		LOcC_R_4_2 / LOcC_L_4_2	101	173	V5/MT+, area V5/MT+	
		LOcC_R_4_3 / LOcC_L_4_3	102	172	OPC, occipital polar cortex	
		LOcC_R_4_4 / LOcC_L_4_4	103	171	iOccG, inferior occipital gyrus	
		LOcC_R_2_1 / LOcC_L_2_1	104	170	msOccG, medial superior occipital gyrus	
Subcortical Nuclei	Amyg, Amygdala	Amyg_R_2_1 / Amyg_L_2_1	106	168	mAmyg, medial amygdala	
		Amyg_R_2_2 / Amyg_L_2_2	107	167	lAmyg, lateral amygdala	
	Hipp, Hippocampus	Hipp_R_2_1 / Hipp_L_2_1	108	166	rHipp, rostral hippocampus	
		Hipp_R_2_2 / Hipp_L_2_2	109	165	cHipp, caudal hippocampus	
	BG, Basal Ganglia	BG_R_6_1 / BG_L_6_1	110	164	vCa, ventral caudate	
		BG_R_6_2 / BG_L_6_2	111	163	GP, globus pallidus	
		BG_R_6_3 / BG_L_6_3	112	162	NAC, nucleus accumbens	
		BG_R_6_4 / BG_L_6_4	113	161	vmPu, ventromedial putamen	
		BG_R_6_5 / BG_L_6_5	114	160	dCa, dorsal caudate	
		BG_R_6_6 / BG_L_6_6	115	159	dIPu, dorsolateral putamen	
		Tha, Thalamus	Tha_R_8_1 / Tha_L_8_1	116	158	mPFtha, medial pre-frontal thalamus
	Tha_R_8_2 / Tha_L_8_2		117	157	mPMtha, pre-motor thalamus	
	Tha_R_8_3 / Tha_L_8_3		118	156	Stha, sensory thalamus	
	Tha_R_8_4 / Tha_L_8_4		119	155	rTtha, rostral temporal thalamus	
Tha_R_8_5 / Tha_L_8_5	120		154	PPtha, posterior parietal thalamus		
Tha_R_8_6 / Tha_L_8_6	121		153	Otha, occipital thalamus		
Tha_R_8_7 / Tha_L_8_7	122		152	cTtha, caudal temporal thalamus		
Tha_R_8_8 / Tha_L_8_8	123		151	IPFtha, lateral pre-frontal thalamus		
Cerebellum	CB, Cerebellum	CB_R_I-IV / CB_L_I-IV	124	150	Cerebellar lobule I-IV	
		CB_R_V / CB_L_V	125	149	Cerebellar lobule IX	
		CB_R_VI / CB_L_VI	126	148	Cerebellar lobule VI	
		CB_R_Crus I / CB_L_Crus I	127	147	Cerebellar Crus I	
		CB_R_Crus II / CB_L_Crus II	128	146	Cerebellar Crus II	
		CB_R_VIIb / CB_L_VIIb	129	145	Cerebellar lobule VIIb	
		CB_R_VIIIa / CB_L_VIIIa	130	144	Cerebellar lobule VIIIa	
		CB_R_VIIIb / CB_L_VIIIb	131	143	Cerebellar lobule VIIIb	
		CB_R_IX / CB_L_IX	132	142	Cerebellar lobule IX	
		CB_R_X / CB_L_X	133	141	Cerebellar lobule X	
	Vermis	Vermis_VI	134		Cerebellar lobule VI, vermis	
		Vermis_Crus II	135		Cerebellar Crus II, vermis	
		Vermis_VIIb	136		Cerebellar lobule VIIb, vermis	
		Vermis_VIIIa	137		Cerebellar lobule VIIIa, vermis	
		Vermis_VIIIb	138		Cerebellar lobule VIIIb, vermis	
		Vermis_IX	139		Cerebellar lobule IX, vermis	
		Vermis_X	140		Cerebellar lobule X, vermis	

Vermis_Crus I was excluded in the analysis due to small ROI size