

On-line Table: Lesion characteristics for each subject

ID	Pathology	WHO	Location	Distance to TM Activation (tb-fMRI) (mm)	Mass Effect	Sex	Age (yr)	Size (mL)
1	Infiltrating astrocytoma with early anaplastic transformation	III	L MT	43.2	No	M	33	56.73
2	Oligodendroglioma	II	R PreCG/SFG	12.6	No	F	37	34.85
3	Infiltrating astrocytoma with early anaplastic transformation	III	L PreCG/SFG/CC/INS	0	No	M	35	87.56
4	Anaplastic astrocytoma	III	L STG	N/A	No	M	69	7.35
5	Glioblastoma with oligodendroglial component	IV	L PreCG	1.4	Yes	F	44	14.73
6	Myeloid sarcoma		L IFG	23.3	No	M	53	0.84
7	No pathology; imaging suggestive of low-grade glioma		L OFG/TP/INS	17.1	No	M	43	56.56
8	Oligodendroglioma	II	L MFG	6.9	No	M	50	25.84
9	Anaplastic astrocytoma	III	R PreCG/CST	0	Yes	F	63	15.67
10	Glioblastoma	IV	L STG/INS	19.8	No	F	33	14.32
11	Oligoastrocytoma	II	L PreCG/PostCG	7	Yes	F	36	37.50
12	Anaplastic astrocytoma	III	L SFG/MFG	13.1	No	F	34	52.07
13	Oligodendroglioma	II	L PreCG/MFG	0	Yes	M	24	53.17
14	No pathology; imaging suggestive of low-grade glioma		L INS	17.2	No	M	65	1.79
15	Oligoastrocytoma	II	L PreCG/PostCG/SMG	1.8	No	M	36	14.16
16	Oligodendroglioma	II	L TP/MT/INS	N/A	No	M	36	30.48
17	No pathology; imaging suggestive of low-grade glioma		L SFG/ACG	38.2	No	M	65	20.14
18	Diffuse astrocytoma	II	L STG/MTG/INS	1.09	Yes	M	35	118.57
19	Oligodendroglioma	II	R INS	15.3	Yes	F	45	53.30
20	Glioblastoma	IV	R TP/INS	N/A	No	F	59	14.73
21	Diffuse astrocytoma	II	L MTG/ITG	N/A	Yes	F	26	61.36
22	Oligoastrocytoma	II	L OFG/INS	43.9	No	M	25	74.30
23	Anaplastic oligoastrocytoma	III	L PreCG/PostCG	0	No	M	30	26.90
24	Oligoastrocytoma	II	L PreCG	0	No	M	34	35.77
25	Oligodendroglioma	II	L MFG	0	No	F	21	19.47
26	Oligoastrocytoma	II	L SFG/MFG/IFG	19.6	No	F	32	159.05

Note:—PreCG indicates precentral gyrus; PostCG, postcentral gyrus; SFG, superior frontal gyrus; MFG, middle frontal gyrus; OFG, orbitofrontal gyrus; STG, superior temporal gyrus; MTG, middle temporal gyrus; ITG, inferior temporal gyrus; MT, mesial temporal lobe; TP, temporal pole; INS, insula; SMG, supramarginal gyrus; ACG, anterior cingulate gyrus; CC, corpus callosum; CST, corticospinal tract; ID, identification; WHO, World Health Organization; L, left; R, right.