

On-line Table 1: Description and results obtained on the 33 patients studied

Case No.	Age (yr)	Sex	Tumor Location	Biopsy Type	Histologic Diagnosis	Score	SD	Predicted Tumor Type
1	43	M	Temporal lobe right ^a	Resection ^b	MET	0.22	0.11	GBM
2 ^c	35	M	Frontal lobe right	Resection	GBM	0.46	0.13	GBM
3	60	M	Parietal-frontal lobe left	Biopsy	GBM	0.40	0.12	GBM
4	51	F	Parietal lobe left	Resection	MET	0.67	0.04	MET
5	54	M	Frontal lobe left	Resection	MET	0.66	0.05	MET
6	36	F	Parietal lobe left	Resection	GBM	0.52	0.11	GBM
7	51	M	Frontal lobe left	Resection	MET	0.60	0.06	MET
8	50	M	Frontal lobe right and left	Biopsy	GBM	0.32	0.08	GBM
9	56	M	Occipital lobe right	Resection	MET	0.62	0.07	MET
10	63	M	Parietal lobe right	Resection	MET	0.63	0.05	MET
11	60	F	Parietal-occipital lobe left	Resection	GBM	0.39	0.07	GBM
12	69	M	Parietal lobe left	Biopsy	MET	0.57	0.06	MET
13	60	M	Occipital lobe left	Resection	GBM	0.50	0.09	GBM
14	71	M	Parietal-temporal lobe right	Resection	MET	0.60	0.07	MET
15	47	M	Occipital lobe right	Resection	GBM	0.38	0.06	GBM
16 ^c	64	M	Frontal lobe left	Biopsy	GBM	0.57	0.08	MET
17	64	F	Cerebellar midline	Resection	MET	0.67	0.00	MET
18	75	M	Parietal lobe right	Resection	MET	0.65	0.08	MET
19	71	M	Parietal lobe right	Resection	GBM	0.42	0.06	GBM
20	51	M	Frontal lobe right	Resection	GBM	0.46	0.06	GBM
21	50	F	Frontal lobe left	Resection	MET	0.58	0.06	MET
22	38	M	Temporal lobe right	Resection	GBM	0.39	0.06	GBM
23	77	M	Cerebellar lobe right	Resection	MET	0.61	0.11	MET
24	45	M	Temporal lobe right	Resection	GBM	0.41	0.07	GBM
25	78	M	Frontal lobe right	Resection	GBM	0.43	0.09	GBM
26	62	F	Frontal lobe left	No surgery ^d	MET	0.60	0.07	MET
27	29	M	Cerebellar lobe left	Resection	GBM	0.42	0.09	GBM
28	45	M	Parietal lobe right	Resection	GBM	0.52	0.05	GBM
29	50	M	Occipital lobe left	Resection	MET	0.60	0.08	MET
30	47	F	Frontal lobe left	Resection	MET	0.54	0.08	MET
31	41	F	Occipital lobe right	Biopsy	GBM	0.35	0.09	GBM
32	55	M	Parietal-occipital lobe left	Biopsy	GBM	0.42	0.06	GBM
33	47	F	Parietal lobe left	Biopsy	GBM	0.25	0.07	GBM

^aIntracranial growth of extracranial tumor.^bRemoval of intracranial part of tumor.^cMissclassified.^dToo sick for surgery (died 1 month after MR imaging).