

**TABLE 1** Demographics of 21 glioma cases and results of scoring.

Age	Sex	Location	Pathological diagnosis	IDH1/2	1p/19q	Cortical thickening ratio (Cutoff 1.5*)	Oligo/astro score Total (a/b/c)	Malignancy score Total (d/e/f)	WHO grade
81	F	Rt P	GBM, IDH wildtype	WT	intact	1.27	-3 (-1/-1/-1)	2 (+1/+1/0)	IV
66	F	Lt thal	GBM, IDH wildtype	WT	intact	0.98	-3 (-1/-1/-1)	3 (+1/+1/+1)	IV
63	M	Lt F	GBM, IDH wildtype	WT	intact	1.01	-3 (-1/-1/-1)	3 (+1/+1/+1)	IV
60	M	Rt F	GBM, IDH wildtype	WT	intact	0.94	-3 (-1/-1/-1)	3 (+1/+1/+1)	IV
60	M	Rt P	GBM, IDH wildtype	WT	intact	1.08	-3 (-1/-1/-1)	3 (+1/+1/+1)	IV
41	M	Rt F	GBM, IDH mutant	<i>IDH1</i> R132H	intact	1.10	-3 (-1/-1/-1)	2.5 (+1/+1/+0.5)	IV
29	F	Lt F	GBM, IDH mutant	<i>IDH1</i> R132H	Intact	1.35	0 (0/+1/-1)	3 (+1/+1/+1)	IV
62	F	Rt F	AA, IDH wildtype	WT	intact	1.42	-3 (-1/-1/-1)	0.5 (0/+0.5/0)	III
37	F	Rt F	DA, IDH wildtype	WT	intact	<b>6.97</b>	1 (+1/+1/-1)	0 (0/0/0)	II
35	F	Rt F	DA, IDH wildtype	WT	intact	1.03	-3 (-1/-1/-1)	0 (0/0/0)	II
68	M	Lt P	DA, IDH mutant	<i>IDH1</i> R132H	intact	0.87	-1 (-1/0/0)	1 (0/+1/0)	II
67	F	Rt T	DA, IDH mutant	<i>IDH1</i> R132H	intact	1.12	-3 (-1/-1/-1)	0 (0/0/0)	II
55	M	Rt T	DA, IDH mutant	<i>IDH1</i> R132H	intact	1.10	-3 (-1/-1/-1)	0 (0/0/0)	II
31	F	Rt F	DA, IDH mutant (19q del)	<i>IDH1</i> R132H	1p intact, 19q del	<b>1.64</b>	3 (+1/+1/+1)	1 (0/+1/0)	II
68	M	Lt F	AOD, IDH mutant + 1p/19q codel	<i>IDH1</i> R132H	codel	<b>3.93</b>	3 (+1/+1/+1)	2 (+1/+1/0)	III
40	M	Lt F	AOD, IDH mutant + 1p/19q codel	<i>IDH1</i> R132H	codel	<b>2.58</b>	3 (+1/+1/+1)	1.5 (+1/0.5/0)	III
34	M	Lt P	AOD, IDH mutant +1p/19q codel	<i>IDH1</i> R132H	codel	<b>1.95</b>	2 (+1/0/+1)	1.5 (+1/+0.5/0)	III
49	M	Lt T	OD, IDH mutant + 1p/19q codel	<i>IDH1</i> R132H	codel	1.01	-1(-1/-1/+1)	0 (0/0/0)	II
43	M	Rt F	OD, IDH mutant + 1p/19q codel	<i>IDH1</i> R132H	codel	<b>1.50</b>	3 (+1/+1/+1)	0 (0/0/0)	II
30	F	Rt F	OD, IDH mutant + 1p/19q codel	<i>IDH2</i> R172W	codel	1.18	-1 (-1/-1/+1)	0 (0/0/0)	II
26	F	Rt F	OD, IDH mutant + 1p/19q codel	<i>IDH1</i> R132H	codel	<b>1.83</b>	3 (+1/+1/+1)	0 (0/0/0)	II

AA: anaplastic astrocytoma, AOD: anaplastic oligodendroglioma, DA: diffuse astrocytoma, F: female, GBM: glioblastoma, Lt: left, M: male, OD: oligodendroglioma, Rt: right, T: temporal, thal: thalamus, WT: wildtype, WHO: World Health Organization

a/b/c: cortical thickening (Yes +1/No -1)/displacement of medullary vessels (Yes +1/No -1)/ cortical tapering (Yes -1/No +1)

d/e/f: thickening of medullary vessels (Yes +1/No 0)/microbleeds (Yes +1/No 0)/necrosis (Yes +1/No 0)

\* Cortical thickening ratio  $\geq 1.5$  in bold.