

PANGLIOMA_2016_HUB

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28/12/2022

```
## % censored cases (whole sample) = 63.76

##
##          astrocytoma          oligoastrocytoma
##              193              113
##          oligodendroglioma untreated primary (de novo) gbm
##              188              149

## no. of lgg cases = 494

## % gbm censored cases = 23.2 i.e. 31 out of 149
## % lgg censored cases = 76.8 i.e. 379 out of 494
## % astrocytoma censored cases = 30 i.e. 135 out of 193
## % oligoastrocytoma censored cases = 17.6 i.e. 98 out of 113
## % oligodendroglioma censored cases = 29.2 i.e. 146 out of 188
```

PANGLIOMA (LGG+GBM) ANALYSIS

PANGLIOMA_2016_ALL (10 EPV):

```
##
## 0 1
## 410 233

## [1] "0 = alive, 1 = dead (event of study)"
## [1] "pmax = 24"

## lambda value_2016_ALL = 0.010172039823537
```

Table 1: Model coefficients

	coef
ESCO2	-0.0007582
NCAPG	-0.0007331
KIFC1	-0.0004762
MKI67	-0.0003953
NCKAP1L	-0.0003848
HCK	-0.0003255
NDC80	-0.0001931
EPR1	-0.0001818
EXO1	-0.0001707
MELK	-0.0001564
SLC6A7	-0.0000118

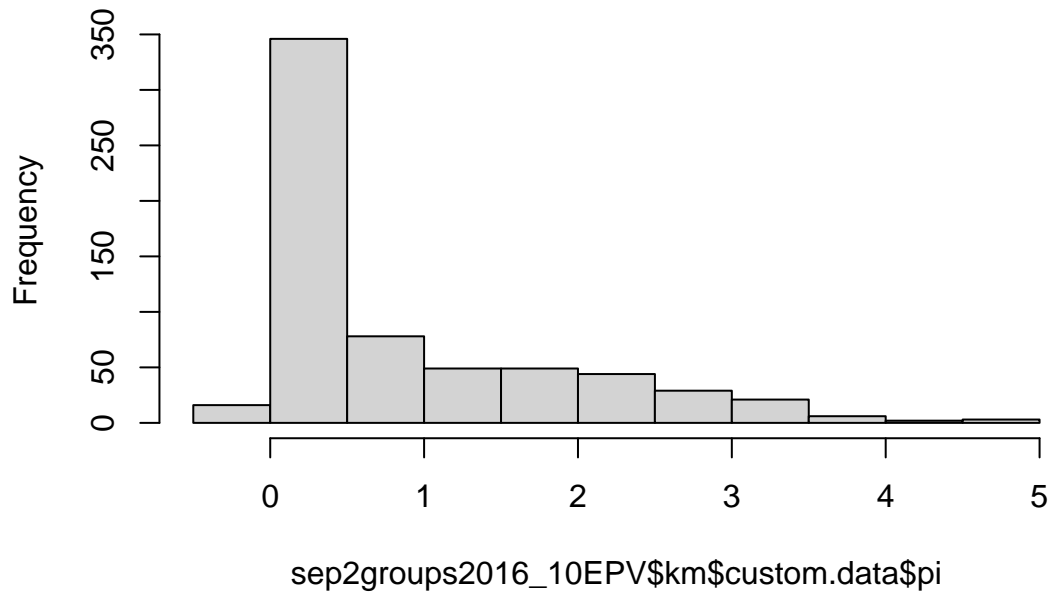
	coef
PACSIN1	-0.0000050
LAPTM5	0.0000073
CD53	0.0001314
HJURP	0.0001908
KIF23	0.0001991
PBK	0.0002533
LAIR1	0.0005009
RRM2	0.0006060
SASH3	0.0006234
SGOL1	0.0011151
BUB1	0.0011354
ESPL1	0.0017398
KIF20A	0.0024312

Number of variables of final model = 24

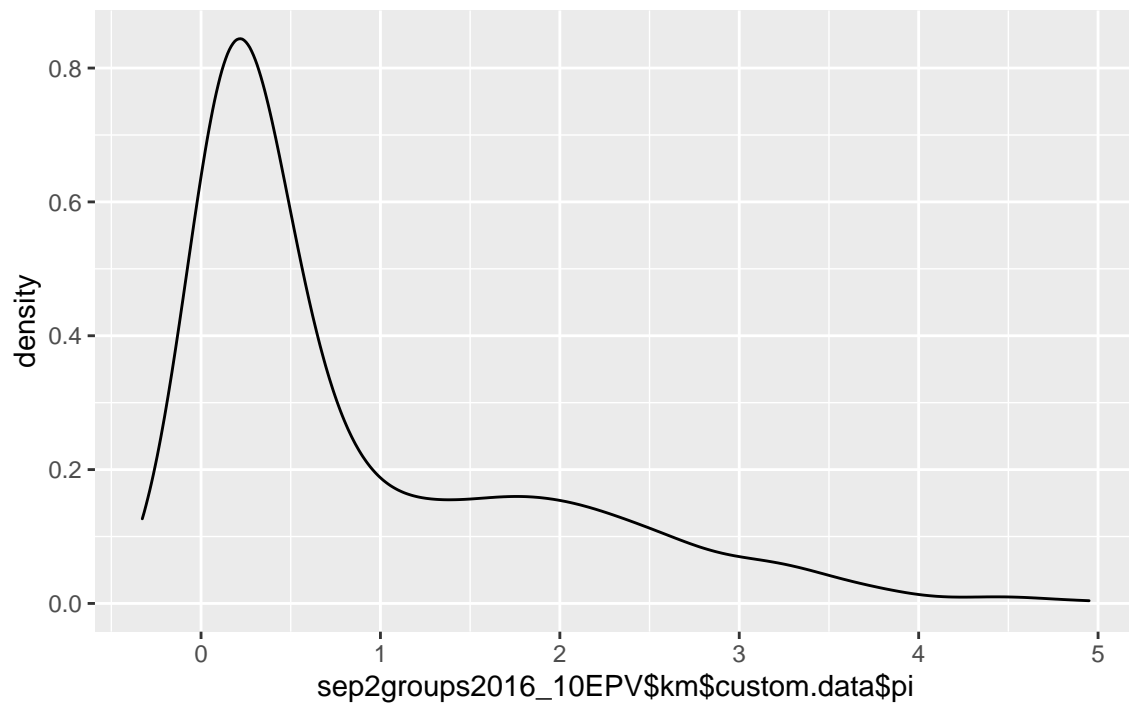
Stratification of patients (High-/Low-risk group)

Prognostic Index (PI) distribution

Histogram of sep2groups2016_10EPV\$km\$custom.data\$pi

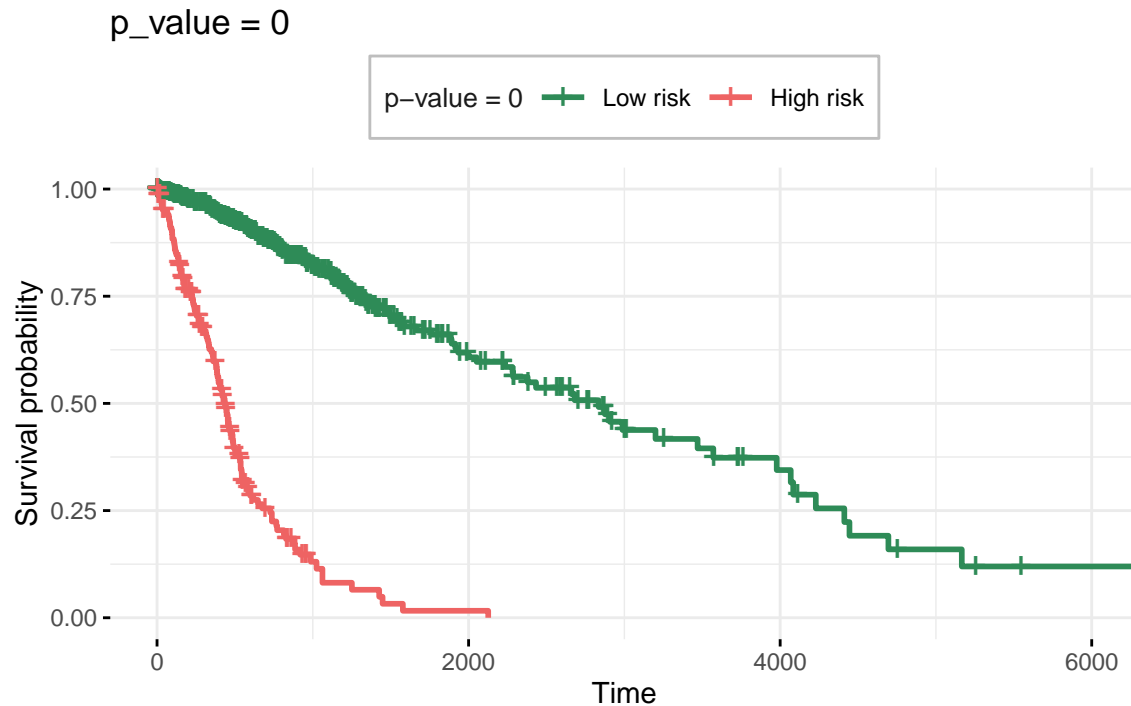


Panglioma: Density of Prognostic Index



semi-automatic calculation of PI threshold

```
## [1] "PI_THRESHOLD = 1.359283"
## [1] "Percentil = 0.7387"
## Call: survfit(formula = survival::Surv(time, status) ~ group, data = prognostic.index.df)
##
##           n events median 0.95LCL 0.95UCL
## Low risk  475     109   2835    2282   3978
## High risk  168     124    435     385    489
```



Kaplan-Meier survival results

Histologic group analysis based on stratified High-/Low-Risk Groups

Percentages

```
##
##           astrocytoma           oligoastrocytoma
##           193             113
##           oligodendroglioma untreated primary (de novo) gbm
##           188             149
```

LOW-RISK GROUP

```
## % GBM in Low-risk group: 3.158
## % LGG in Low-risk group: 96.842
## % Astrocytomas in Low-risk group: 35.368
## % oligodendroglioma in Low-risk group: 38.105
```

% MIX_or_oligoastrocytoma in Low-risk group: 23.368

HIGH-RISK GROUP

% GBM in High-risk group: 79.762

% LGG in High-risk group: 20.238

% Astrocytomas in High-risk group: 14.881

% oligodendroglioma in High-risk group: 4.167

% MIX_or_oligoastrocytoma in High-risk group: 1.19

FINAL TABLES

LOW-RISK-PATIENTS

	Patient_ID	pi	time	status	group	histological_type
17	TCGA-06-0178	1.3384024	2681	1	Low risk	untreated primary (de novo) gbm
30	TCGA-06-0743	1.3262669	803	1	Low risk	untreated primary (de novo) gbm
33	TCGA-06-0747	1.3451042	82	1	Low risk	untreated primary (de novo) gbm
37	TCGA-06-0882	1.2875982	632	1	Low risk	untreated primary (de novo) gbm
38	TCGA-06-1804	1.2226604	414	1	Low risk	untreated primary (de novo) gbm
46	TCGA-06-2565	1.0036849	506	1	Low risk	untreated primary (de novo) gbm
58	TCGA-06-5417	1.1336054	155	0	Low risk	untreated primary (de novo) gbm
76	TCGA-14-0789	1.2682514	342	1	Low risk	untreated primary (de novo) gbm
87	TCGA-19-1390	1.0530123	772	1	Low risk	untreated primary (de novo) gbm
90	TCGA-19-2620	0.8661365	148	1	Low risk	untreated primary (de novo) gbm
96	TCGA-26-1442	0.3635441	953	0	Low risk	untreated primary (de novo) gbm
98	TCGA-26-5133	1.1546509	452	0	Low risk	untreated primary (de novo) gbm
106	TCGA-27-1834	1.0617594	1233	1	Low risk	untreated primary (de novo) gbm
121	TCGA-28-5207	1.2859294	343	1	Low risk	untreated primary (de novo) gbm
148	TCGA-76-4929	1.1101452	111	1	Low risk	untreated primary (de novo) gbm
150	TCGA-CS-4938	0.1234726	3574	0	Low risk	astrocytoma
151	TCGA-CS-4941	0.9367977	234	1	Low risk	astrocytoma
152	TCGA-CS-4942	0.4351787	1335	1	Low risk	astrocytoma
153	TCGA-CS-4943	0.8347305	1106	1	Low risk	astrocytoma
154	TCGA-CS-4944	0.1486304	1828	0	Low risk	astrocytoma
155	TCGA-CS-5393	0.3974319	1222	0	Low risk	astrocytoma
156	TCGA-CS-5394	0.1352584	8	0	Low risk	astrocytoma
157	TCGA-CS-5395	0.6447400	639	1	Low risk	oligodendroglioma
158	TCGA-CS-5396	0.3306771	1631	0	Low risk	oligodendroglioma
159	TCGA-CS-5397	1.1908913	194	1	Low risk	astrocytoma
160	TCGA-CS-6188	1.1715306	814	1	Low risk	astrocytoma
161	TCGA-CS-6290	0.8744319	1137	1	Low risk	astrocytoma
162	TCGA-CS-6665	0.7306780	1568	0	Low risk	astrocytoma
163	TCGA-CS-6666	0.2349735	1428	0	Low risk	astrocytoma
164	TCGA-CS-6667	0.1991055	1469	0	Low risk	astrocytoma
165	TCGA-CS-6668	0.0171176	1519	0	Low risk	oligodendroglioma
166	TCGA-CS-6669	-0.0390862	1494	0	Low risk	oligodendroglioma
167	TCGA-CS-6670	0.0815756	1426	0	Low risk	oligodendroglioma
168	TCGA-DB-5270	0.2982039	3733	0	Low risk	oligoastrocytoma
169	TCGA-DB-5273	0.6391548	2493	0	Low risk	astrocytoma
170	TCGA-DB-5274	0.4568397	2289	0	Low risk	oligoastrocytoma

	Patient_ID	pi	time	status	group	histological_type
171	TCGA-DB-5275	0.2489864	1458	0	Low risk	oligoastrocytoma
172	TCGA-DB-5276	0.3783142	2218	0	Low risk	oligoastrocytoma
173	TCGA-DB-5277	0.3866552	1547	1	Low risk	astrocytoma
174	TCGA-DB-5278	0.0854920	2772	0	Low risk	oligodendroglioma
175	TCGA-DB-5279	0.0814790	1354	0	Low risk	oligodendroglioma
176	TCGA-DB-5280	0.1372728	1112	0	Low risk	oligoastrocytoma
177	TCGA-DB-5281	0.2614783	2381	0	Low risk	oligoastrocytoma
178	TCGA-DB-A4X9	0.1190609	1412	0	Low risk	oligoastrocytoma
179	TCGA-DB-A4XA	0.2226312	573	0	Low risk	oligoastrocytoma
180	TCGA-DB-A4XB	0.1696394	919	0	Low risk	astrocytoma
181	TCGA-DB-A4XC	0.4257581	1421	0	Low risk	oligoastrocytoma
182	TCGA-DB-A4XD	0.1456458	1210	0	Low risk	astrocytoma
183	TCGA-DB-A4XE	0.5683788	1139	0	Low risk	oligoastrocytoma
184	TCGA-DB-A4XF	0.6801144	1021	0	Low risk	astrocytoma
185	TCGA-DB-A4XG	0.2674877	2219	0	Low risk	oligodendroglioma
186	TCGA-DB-A4XH	0.0505954	962	0	Low risk	oligoastrocytoma
187	TCGA-DB-A64L	0.1032172	736	0	Low risk	oligodendroglioma
188	TCGA-DB-A64P	0.4145216	916	0	Low risk	oligodendroglioma
189	TCGA-DB-A64Q	0.1224785	182	0	Low risk	oligoastrocytoma
190	TCGA-DB-A64R	0.0464799	955	0	Low risk	oligodendroglioma
191	TCGA-DB-A64S	0.5170502	835	0	Low risk	oligoastrocytoma
192	TCGA-DB-A64U	0.1618197	846	0	Low risk	oligoastrocytoma
193	TCGA-DB-A64V	0.4751360	889	0	Low risk	oligodendroglioma
194	TCGA-DB-A64W	1.1804626	438	1	Low risk	oligoastrocytoma
195	TCGA-DB-A64X	0.0672639	563	0	Low risk	astrocytoma
196	TCGA-DB-A75K	0.4194844	368	0	Low risk	oligoastrocytoma
197	TCGA-DB-A75L	0.4235349	342	0	Low risk	astrocytoma
198	TCGA-DB-A75M	0.1807784	544	0	Low risk	astrocytoma
199	TCGA-DB-A75O	0.3358812	935	0	Low risk	astrocytoma
200	TCGA-DB-A75P	0.1640985	492	0	Low risk	astrocytoma
201	TCGA-DH-5141	0.0780741	968	0	Low risk	oligodendroglioma
202	TCGA-DH-5142	0.9769545	1943	0	Low risk	astrocytoma
203	TCGA-DH-5143	0.2489383	1401	0	Low risk	oligoastrocytoma
204	TCGA-DH-5144	0.0610869	748	0	Low risk	oligodendroglioma
206	TCGA-DH-A66B	0.5084893	1279	0	Low risk	astrocytoma
207	TCGA-DH-A66D	0.6985176	846	0	Low risk	astrocytoma
208	TCGA-DH-A66F	0.0803584	523	0	Low risk	oligodendroglioma
209	TCGA-DH-A66G	0.3383596	523	0	Low risk	oligodendroglioma
210	TCGA-DH-A7UR	0.0825955	1650	0	Low risk	oligodendroglioma
211	TCGA-DH-A7US	0.1579075	706	0	Low risk	oligodendroglioma
212	TCGA-DH-A7UT	0.3128743	531	1	Low risk	astrocytoma
213	TCGA-DH-A7UU	0.9782592	417	0	Low risk	astrocytoma
214	TCGA-DH-A7UV	0.3187273	566	0	Low risk	astrocytoma
216	TCGA-DU-5849	0.0990870	443	0	Low risk	oligodendroglioma
217	TCGA-DU-5851	0.1802389	531	0	Low risk	oligoastrocytoma
218	TCGA-DU-5853	0.2417490	407	0	Low risk	oligoastrocytoma
219	TCGA-DU-5854	1.0083479	257	0	Low risk	astrocytoma
220	TCGA-DU-5855	0.4956205	207	0	Low risk	oligoastrocytoma
221	TCGA-DU-5870	0.2066554	5546	0	Low risk	oligodendroglioma
222	TCGA-DU-5871	0.2707922	576	0	Low risk	oligoastrocytoma
223	TCGA-DU-5872	0.3012885	532	0	Low risk	oligoastrocytoma
224	TCGA-DU-5874	-0.3274027	461	0	Low risk	oligodendroglioma

	Patient_ID	pi	time	status	group	histological_type
225	TCGA-DU-6392	0.6374454	6423	0	Low risk	astrocytoma
226	TCGA-DU-6393	0.4905294	1585	1	Low risk	oligodendroglioma
227	TCGA-DU-6394	0.0733543	682	1	Low risk	oligodendroglioma
228	TCGA-DU-6395	0.0823725	1491	1	Low risk	oligoastrocytoma
229	TCGA-DU-6396	0.9335272	2286	1	Low risk	oligoastrocytoma
230	TCGA-DU-6397	0.0610241	1401	1	Low risk	oligodendroglioma
231	TCGA-DU-6399	0.3490185	2000	1	Low risk	oligodendroglioma
232	TCGA-DU-6400	0.0350312	37	1	Low risk	oligodendroglioma
233	TCGA-DU-6401	0.1674275	2660	1	Low risk	oligodendroglioma
235	TCGA-DU-6404	0.6359383	4068	1	Low risk	oligodendroglioma
236	TCGA-DU-6405	1.2365477	605	1	Low risk	astrocytoma
237	TCGA-DU-6407	0.4373739	2875	1	Low risk	oligodendroglioma
238	TCGA-DU-6408	0.3302063	3470	1	Low risk	oligodendroglioma
239	TCGA-DU-6410	0.1990460	242	0	Low risk	oligodendroglioma
241	TCGA-DU-7007	0.4564615	1915	1	Low risk	astrocytoma
242	TCGA-DU-7008	0.3323292	4752	0	Low risk	oligodendroglioma
243	TCGA-DU-7009	0.1813373	4695	1	Low risk	oligodendroglioma
244	TCGA-DU-7010	0.4142029	456	1	Low risk	astrocytoma
245	TCGA-DU-7011	0.3363930	3200	1	Low risk	oligoastrocytoma
246	TCGA-DU-7012	1.3146391	199	1	Low risk	astrocytoma
248	TCGA-DU-7014	0.2651297	3571	1	Low risk	oligodendroglioma
249	TCGA-DU-7015	0.5696752	2761	0	Low risk	oligodendroglioma
250	TCGA-DU-7018	0.2409227	933	1	Low risk	oligodendroglioma
251	TCGA-DU-7019	0.2413274	800	0	Low risk	oligoastrocytoma
252	TCGA-DU-7290	0.9587729	315	1	Low risk	astrocytoma
253	TCGA-DU-7292	0.5684290	242	1	Low risk	astrocytoma
254	TCGA-DU-7294	0.1255727	2869	0	Low risk	oligodendroglioma
255	TCGA-DU-7298	0.8371586	576	1	Low risk	astrocytoma
256	TCGA-DU-7299	0.2056956	1339	1	Low risk	astrocytoma
257	TCGA-DU-7300	0.1083456	1886	1	Low risk	oligodendroglioma
258	TCGA-DU-7301	0.2899126	788	1	Low risk	oligodendroglioma
259	TCGA-DU-7302	0.0697689	1834	0	Low risk	oligodendroglioma
260	TCGA-DU-7304	0.3372966	709	1	Low risk	oligoastrocytoma
261	TCGA-DU-7306	0.1590693	1277	0	Low risk	oligoastrocytoma
262	TCGA-DU-7309	0.0961805	84	0	Low risk	oligodendroglioma
263	TCGA-DU-8158	0.8638688	155	1	Low risk	astrocytoma
264	TCGA-DU-8163	0.5663434	629	0	Low risk	oligoastrocytoma
265	TCGA-DU-8164	0.0474591	651	0	Low risk	oligodendroglioma
267	TCGA-DU-8166	0.1633946	516	0	Low risk	oligoastrocytoma
268	TCGA-DU-8167	0.2894809	471	0	Low risk	oligoastrocytoma
269	TCGA-DU-8168	-0.0929649	431	0	Low risk	oligodendroglioma
270	TCGA-DU-A5TP	0.9485706	1012	0	Low risk	astrocytoma
271	TCGA-DU-A5TR	1.1603743	908	0	Low risk	oligoastrocytoma
272	TCGA-DU-A5TS	0.2832926	964	0	Low risk	oligodendroglioma
273	TCGA-DU-A5TT	0.4807333	743	0	Low risk	oligodendroglioma
274	TCGA-DU-A5TU	0.6432032	796	0	Low risk	astrocytoma
275	TCGA-DU-A5TW	0.4322394	760	0	Low risk	astrocytoma
276	TCGA-DU-A5TY	1.1478537	1033	1	Low risk	astrocytoma
277	TCGA-DU-A6S2	0.0066319	777	0	Low risk	oligodendroglioma
278	TCGA-DU-A6S3	0.0291190	656	0	Low risk	oligodendroglioma
279	TCGA-DU-A6S6	-0.0583340	2893	0	Low risk	oligoastrocytoma
280	TCGA-DU-A6S7	0.0693145	638	0	Low risk	astrocytoma

	Patient_ID	pi	time	status	group	histological_type
281	TCGA-DU-A6S8	0.1403310	678	0	Low risk	oligodendroglioma
282	TCGA-DU-A76K	0.2864773	347	1	Low risk	oligodendroglioma
284	TCGA-DU-A76O	0.7902299	522	0	Low risk	astrocytoma
285	TCGA-DU-A76R	0.1622887	648	1	Low risk	oligodendroglioma
286	TCGA-DU-A7T6	0.6249747	547	1	Low risk	oligodendroglioma
287	TCGA-DU-A7T8	0.3300648	4229	1	Low risk	oligoastrocytoma
288	TCGA-DU-A7TA	0.5842225	2565	0	Low risk	oligodendroglioma
289	TCGA-DU-A7TB	0.1232501	1567	0	Low risk	oligodendroglioma
290	TCGA-DU-A7TC	0.2810732	1137	0	Low risk	astrocytoma
291	TCGA-DU-A7TG	0.0298454	1351	1	Low risk	oligodendroglioma
292	TCGA-DU-A7TI	0.1995254	1183	1	Low risk	astrocytoma
294	TCGA-E1-5302	0.7425828	1525	1	Low risk	astrocytoma
295	TCGA-E1-5303	0.9030770	2052	1	Low risk	astrocytoma
297	TCGA-E1-5305	0.4641683	2433	1	Low risk	astrocytoma
298	TCGA-E1-5307	0.2993723	1762	1	Low risk	astrocytoma
299	TCGA-E1-5311	0.1794081	4084	1	Low risk	oligodendroglioma
300	TCGA-E1-5318	0.0464613	2379	1	Low risk	oligodendroglioma
301	TCGA-E1-5319	0.1226808	2907	1	Low risk	oligodendroglioma
302	TCGA-E1-5322	0.8116747	3978	1	Low risk	oligoastrocytoma
305	TCGA-E1-A7YH	0.2957636	2835	1	Low risk	astrocytoma
307	TCGA-E1-A7YJ	1.2720526	592	1	Low risk	astrocytoma
308	TCGA-E1-A7YK	1.2602710	378	1	Low risk	astrocytoma
310	TCGA-E1-A7YM	0.5468384	648	1	Low risk	astrocytoma
312	TCGA-E1-A7YO	0.1147108	2282	1	Low risk	oligodendroglioma
314	TCGA-E1-A7YS	0.4292267	466	1	Low risk	oligodendroglioma
315	TCGA-E1-A7YU	0.2816609	23	1	Low risk	oligoastrocytoma
317	TCGA-E1-A7YW	0.3509231	1120	1	Low risk	oligoastrocytoma
318	TCGA-E1-A7YY	0.1035221	4445	1	Low risk	oligodendroglioma
319	TCGA-E1-A7Z2	0.4601643	398	1	Low risk	oligodendroglioma
320	TCGA-E1-A7Z3	0.2919663	2235	1	Low risk	astrocytoma
321	TCGA-E1-A7Z4	0.2885917	4412	1	Low risk	astrocytoma
322	TCGA-E1-A7Z6	0.2622223	984	1	Low risk	astrocytoma
323	TCGA-EZ-7264	0.0549674	1201	0	Low risk	oligodendroglioma
324	TCGA-F6-A8O3	0.1626455	7	0	Low risk	oligodendroglioma
325	TCGA-F6-A8O4	0.1245251	6	0	Low risk	astrocytoma
326	TCGA-FG-5962	0.0567458	1453	0	Low risk	oligodendroglioma
327	TCGA-FG-5963	1.2237796	775	1	Low risk	astrocytoma
328	TCGA-FG-5964	0.4284718	1588	0	Low risk	oligodendroglioma
329	TCGA-FG-5965	0.4023029	1120	1	Low risk	oligoastrocytoma
330	TCGA-FG-6688	0.9481652	571	0	Low risk	astrocytoma
331	TCGA-FG-6689	0.2543508	454	0	Low risk	astrocytoma
332	TCGA-FG-6690	0.2505961	1294	0	Low risk	oligodendroglioma
333	TCGA-FG-6691	0.7196784	1257	0	Low risk	astrocytoma
334	TCGA-FG-6692	0.8676978	561	1	Low risk	oligodendroglioma
335	TCGA-FG-7634	0.6743724	467	0	Low risk	oligodendroglioma
336	TCGA-FG-7636	0.2200773	544	0	Low risk	astrocytoma
337	TCGA-FG-7637	0.1633125	1219	0	Low risk	oligoastrocytoma
338	TCGA-FG-7638	0.1613747	686	0	Low risk	oligodendroglioma
339	TCGA-FG-7641	0.0128605	627	0	Low risk	oligodendroglioma
340	TCGA-FG-8182	0.3404613	416	0	Low risk	oligodendroglioma
341	TCGA-FG-8185	0.1973855	433	0	Low risk	astrocytoma
342	TCGA-FG-8186	0.4117356	487	0	Low risk	oligoastrocytoma

	Patient_ID	pi	time	status	group	histological_type
343	TCGA-FG-8187	0.1413085	611	0	Low risk	oligoastrocytoma
344	TCGA-FG-8188	0.2301238	455	0	Low risk	oligoastrocytoma
345	TCGA-FG-8189	-0.0671784	685	0	Low risk	oligodendroglioma
346	TCGA-FG-8191	0.2284754	992	0	Low risk	oligodendroglioma
347	TCGA-FG-A4MT	0.2752905	1164	0	Low risk	oligodendroglioma
348	TCGA-FG-A4MX	0.1747666	569	0	Low risk	astrocytoma
349	TCGA-FG-A4MY	0.0681809	721	0	Low risk	oligoastrocytoma
350	TCGA-FG-A60J	0.1984472	449	0	Low risk	oligoastrocytoma
351	TCGA-FG-A60K	0.1014393	542	0	Low risk	oligoastrocytoma
352	TCGA-FG-A60L	0.4577995	655	0	Low risk	astrocytoma
353	TCGA-FG-A6IZ	0.1419978	457	0	Low risk	oligodendroglioma
354	TCGA-FG-A6J1	0.2658768	500	0	Low risk	oligodendroglioma
355	TCGA-FG-A6J3	0.5612825	677	0	Low risk	astrocytoma
356	TCGA-FG-A70Y	0.4670709	868	0	Low risk	oligodendroglioma
357	TCGA-FG-A710	0.7884921	1115	0	Low risk	oligodendroglioma
358	TCGA-FG-A711	0.4004976	1481	1	Low risk	oligodendroglioma
359	TCGA-FG-A713	-0.0241650	622	0	Low risk	oligoastrocytoma
361	TCGA-FG-A87Q	1.2623161	174	0	Low risk	astrocytoma
363	TCGA-HT-7467	0.2190183	3	0	Low risk	oligodendroglioma
364	TCGA-HT-7468	0.3269176	203	0	Low risk	oligodendroglioma
365	TCGA-HT-7469	1.2726545	351	1	Low risk	oligodendroglioma
366	TCGA-HT-7470	0.1391532	1220	1	Low risk	oligodendroglioma
367	TCGA-HT-7471	1.0800275	4	0	Low risk	oligodendroglioma
368	TCGA-HT-7472	0.3321829	1	0	Low risk	oligodendroglioma
369	TCGA-HT-7473	0.7702274	503	0	Low risk	oligoastrocytoma
370	TCGA-HT-7474	0.0878581	114	0	Low risk	oligoastrocytoma
371	TCGA-HT-7475	0.2207424	530	0	Low risk	oligoastrocytoma
372	TCGA-HT-7476	0.2252153	199	0	Low risk	astrocytoma
373	TCGA-HT-7477	1.3560484	738	0	Low risk	astrocytoma
374	TCGA-HT-7478	0.8134077	194	0	Low risk	astrocytoma
375	TCGA-HT-7479	0.3426410	1227	0	Low risk	astrocytoma
376	TCGA-HT-7480	0.0696822	2287	0	Low risk	oligodendroglioma
377	TCGA-HT-7481	0.1074462	2918	0	Low risk	oligodendroglioma
378	TCGA-HT-7482	0.4320860	3253	0	Low risk	oligoastrocytoma
379	TCGA-HT-7483	0.5487552	5255	0	Low risk	oligoastrocytoma
380	TCGA-HT-7485	0.2671682	122	0	Low risk	astrocytoma
381	TCGA-HT-7601	0.5416944	153	0	Low risk	astrocytoma
382	TCGA-HT-7602	0.2588571	908	0	Low risk	oligodendroglioma
383	TCGA-HT-7603	0.0769174	705	0	Low risk	oligodendroglioma
384	TCGA-HT-7604	0.1203095	3725	0	Low risk	astrocytoma
385	TCGA-HT-7605	0.0837879	139	0	Low risk	oligodendroglioma
387	TCGA-HT-7607	0.0727896	96	1	Low risk	astrocytoma
388	TCGA-HT-7608	0.2307364	671	0	Low risk	oligoastrocytoma
389	TCGA-HT-7609	0.3196134	1399	0	Low risk	oligoastrocytoma
390	TCGA-HT-7610	0.0848024	1706	0	Low risk	oligoastrocytoma
391	TCGA-HT-7611	0.1473697	1752	0	Low risk	oligoastrocytoma
392	TCGA-HT-7616	0.4649078	7	1	Low risk	oligodendroglioma
393	TCGA-HT-7620	0.2457393	434	0	Low risk	oligodendroglioma
394	TCGA-HT-7676	0.4997261	5	0	Low risk	oligodendroglioma
395	TCGA-HT-7677	0.0180729	494	0	Low risk	oligodendroglioma
396	TCGA-HT-7680	0.4805414	23	0	Low risk	astrocytoma
397	TCGA-HT-7681	0.1171074	1359	0	Low risk	oligoastrocytoma

	Patient_ID	pi	time	status	group	histological_type
398	TCGA-HT-7684	0.4112389	184	0	Low risk	oligoastrocytoma
399	TCGA-HT-7686	1.0123298	1300	0	Low risk	astrocytoma
400	TCGA-HT-7687	0.0318837	3	0	Low risk	oligodendroglioma
401	TCGA-HT-7688	0.0409734	964	0	Low risk	oligodendroglioma
402	TCGA-HT-7689	0.2470125	455	0	Low risk	oligodendroglioma
403	TCGA-HT-7690	0.7081158	3	0	Low risk	oligoastrocytoma
404	TCGA-HT-7691	0.4658933	3	0	Low risk	astrocytoma
405	TCGA-HT-7692	0.4434315	90	0	Low risk	oligoastrocytoma
406	TCGA-HT-7693	0.4971496	533	0	Low risk	oligodendroglioma
407	TCGA-HT-7694	0.0113220	210	0	Low risk	oligodendroglioma
408	TCGA-HT-7695	0.0110496	442	0	Low risk	oligodendroglioma
409	TCGA-HT-7854	0.5494273	1201	0	Low risk	astrocytoma
410	TCGA-HT-7855	0.1768989	585	0	Low risk	astrocytoma
411	TCGA-HT-7856	0.0984592	1189	0	Low risk	oligodendroglioma
413	TCGA-HT-7858	0.3000277	1540	0	Low risk	astrocytoma
414	TCGA-HT-7860	0.6495120	15	0	Low risk	astrocytoma
415	TCGA-HT-7873	0.4609700	718	0	Low risk	oligoastrocytoma
416	TCGA-HT-7874	0.0256608	1130	0	Low risk	oligodendroglioma
417	TCGA-HT-7875	0.0351560	10	0	Low risk	oligodendroglioma
418	TCGA-HT-7877	0.0560891	4	0	Low risk	oligodendroglioma
419	TCGA-HT-7879	0.3324539	112	0	Low risk	oligoastrocytoma
420	TCGA-HT-7880	0.0751336	162	0	Low risk	oligoastrocytoma
421	TCGA-HT-7881	0.0105838	1079	0	Low risk	oligodendroglioma
423	TCGA-HT-7884	0.1162131	343	0	Low risk	astrocytoma
424	TCGA-HT-7902	0.1281483	956	0	Low risk	oligoastrocytoma
425	TCGA-HT-8010	0.1164651	50	0	Low risk	oligodendroglioma
427	TCGA-HT-8012	0.0725215	286	0	Low risk	oligodendroglioma
428	TCGA-HT-8013	0.9695431	1933	1	Low risk	oligoastrocytoma
429	TCGA-HT-8015	0.4041912	3	0	Low risk	astrocytoma
430	TCGA-HT-8018	0.5334750	1152	1	Low risk	oligoastrocytoma
431	TCGA-HT-8019	-0.0243466	1004	0	Low risk	oligodendroglioma
433	TCGA-HT-8105	0.1424637	190	0	Low risk	oligodendroglioma
435	TCGA-HT-8107	0.0056389	14	0	Low risk	oligodendroglioma
436	TCGA-HT-8108	0.6304074	76	0	Low risk	oligodendroglioma
437	TCGA-HT-8109	0.0528709	169	0	Low risk	oligodendroglioma
439	TCGA-HT-8111	0.4516036	7	0	Low risk	oligoastrocytoma
440	TCGA-HT-8113	-0.0435621	900	0	Low risk	oligodendroglioma
441	TCGA-HT-8114	0.7039284	1040	0	Low risk	oligoastrocytoma
442	TCGA-HT-8558	-0.0011800	418	0	Low risk	oligodendroglioma
444	TCGA-HT-8564	0.5432206	478	0	Low risk	astrocytoma
445	TCGA-HT-A4DS	0.9453393	7	0	Low risk	astrocytoma
446	TCGA-HT-A4DV	0.1727229	792	0	Low risk	oligodendroglioma
447	TCGA-HT-A5R5	0.4260903	4	0	Low risk	oligodendroglioma
448	TCGA-HT-A5R7	0.1371069	615	0	Low risk	astrocytoma
449	TCGA-HT-A5R9	0.3026228	2	0	Low risk	oligodendroglioma
451	TCGA-HT-A5RB	0.0880716	3	0	Low risk	astrocytoma
452	TCGA-HT-A5RC	1.2526078	162	1	Low risk	astrocytoma
453	TCGA-HT-A614	0.2410663	82	0	Low risk	oligoastrocytoma
454	TCGA-HT-A615	0.3580982	515	0	Low risk	oligodendroglioma
455	TCGA-HT-A616	0.0303321	55	0	Low risk	astrocytoma
456	TCGA-HT-A617	0.9511836	491	0	Low risk	oligodendroglioma
457	TCGA-HT-A618	0.6400994	512	0	Low risk	astrocytoma

	Patient_ID	pi	time	status	group	histological_type
458	TCGA-HT-A619	0.1386895	651	0	Low risk	oligodendroglioma
459	TCGA-HT-A61A	0.0812271	194	0	Low risk	oligodendroglioma
462	TCGA-HT-A74H	0.4810988	74	0	Low risk	astrocytoma
463	TCGA-HT-A74J	0.2322905	320	0	Low risk	oligoastrocytoma
464	TCGA-HT-A74K	0.1531386	467	0	Low risk	oligodendroglioma
465	TCGA-HT-A74L	0.2210073	336	0	Low risk	oligoastrocytoma
466	TCGA-HT-A74O	0.6909072	3	0	Low risk	astrocytoma
467	TCGA-HW-7486	0.1423034	1721	0	Low risk	oligodendroglioma
468	TCGA-HW-7487	0.0389511	1382	0	Low risk	oligodendroglioma
469	TCGA-HW-7489	0.0996361	1262	1	Low risk	oligoastrocytoma
470	TCGA-HW-7490	0.1133828	1387	0	Low risk	astrocytoma
471	TCGA-HW-7491	0.0798173	2078	0	Low risk	oligodendroglioma
472	TCGA-HW-7493	0.1258965	2107	0	Low risk	astrocytoma
473	TCGA-HW-7495	0.0152379	1078	0	Low risk	oligodendroglioma
474	TCGA-HW-8319	0.1383304	1209	1	Low risk	astrocytoma
475	TCGA-HW-8320	0.1774984	1217	0	Low risk	astrocytoma
476	TCGA-HW-8321	0.1424227	1294	0	Low risk	astrocytoma
477	TCGA-HW-8322	0.2371935	758	0	Low risk	oligodendroglioma
478	TCGA-HW-A5KJ	0.3970510	962	1	Low risk	oligodendroglioma
479	TCGA-HW-A5KK	0.8888495	388	1	Low risk	astrocytoma
480	TCGA-HW-A5KL	0.2207693	878	0	Low risk	astrocytoma
481	TCGA-HW-A5KM	0.5876667	630	0	Low risk	astrocytoma
482	TCGA-IK-7675	0.5203708	578	1	Low risk	oligodendroglioma
483	TCGA-IK-8125	0.1938149	1301	0	Low risk	oligoastrocytoma
484	TCGA-KT-A74X	0.2862328	438	0	Low risk	oligoastrocytoma
486	TCGA-P5-A5EV	0.4707122	7	0	Low risk	astrocytoma
487	TCGA-P5-A5EW	0.1519067	204	0	Low risk	astrocytoma
488	TCGA-P5-A5EX	0.7686851	243	0	Low risk	oligodendroglioma
489	TCGA-P5-A5EY	0.1564703	72	0	Low risk	astrocytoma
490	TCGA-P5-A5EZ	0.6157531	70	0	Low risk	astrocytoma
491	TCGA-P5-A5F0	0.0553246	287	0	Low risk	oligodendroglioma
492	TCGA-P5-A5F1	0.3061023	179	0	Low risk	astrocytoma
493	TCGA-P5-A5F2	0.1098679	242	0	Low risk	astrocytoma
494	TCGA-P5-A5F4	0.0632483	231	0	Low risk	oligodendroglioma
495	TCGA-P5-A5F6	0.6010340	39	0	Low risk	oligodendroglioma
496	TCGA-P5-A72U	0.7939929	7	0	Low risk	oligodendroglioma
497	TCGA-P5-A72W	0.2140629	317	0	Low risk	astrocytoma
498	TCGA-P5-A72X	0.1372535	403	0	Low risk	astrocytoma
499	TCGA-P5-A72Z	0.4317046	354	0	Low risk	oligodendroglioma
500	TCGA-P5-A730	0.3171549	333	0	Low risk	oligoastrocytoma
501	TCGA-P5-A731	0.4473642	274	0	Low risk	oligoastrocytoma
502	TCGA-P5-A733	0.1288238	414	0	Low risk	astrocytoma
503	TCGA-P5-A735	0.2468218	292	0	Low risk	astrocytoma
504	TCGA-P5-A736	0.6240327	230	0	Low risk	astrocytoma
505	TCGA-P5-A737	-0.0366018	372	0	Low risk	oligoastrocytoma
506	TCGA-P5-A77W	0.0683927	584	0	Low risk	oligoastrocytoma
507	TCGA-P5-A77X	0.0826213	105	0	Low risk	oligoastrocytoma
508	TCGA-P5-A780	0.3417394	72	0	Low risk	astrocytoma
509	TCGA-P5-A781	0.1336831	134	0	Low risk	astrocytoma
510	TCGA-QH-A65R	0.2403664	461	0	Low risk	oligodendroglioma
511	TCGA-QH-A65S	0.3537156	77	0	Low risk	oligoastrocytoma
512	TCGA-QH-A65V	0.1943040	384	0	Low risk	oligodendroglioma

	Patient_ID	pi	time	status	group	histological_type
513	TCGA-QH-A65X	0.1692026	482	0	Low risk	oligoastrocytoma
514	TCGA-QH-A65Z	0.0914581	427	0	Low risk	oligodendroglioma
515	TCGA-QH-A6CS	0.4738561	588	0	Low risk	astrocytoma
516	TCGA-QH-A6CU	0.2693813	451	0	Low risk	oligodendroglioma
517	TCGA-QH-A6CW	0.1964332	414	0	Low risk	oligoastrocytoma
518	TCGA-QH-A6CX	0.3579642	372	1	Low risk	astrocytoma
519	TCGA-QH-A6CY	0.0691682	408	0	Low risk	oligoastrocytoma
520	TCGA-QH-A6CZ	-0.0029214	279	0	Low risk	oligoastrocytoma
521	TCGA-QH-A6X3	0.3018837	313	0	Low risk	oligoastrocytoma
522	TCGA-QH-A6X4	0.1301810	442	0	Low risk	oligoastrocytoma
523	TCGA-QH-A6X5	0.1548305	497	0	Low risk	oligoastrocytoma
524	TCGA-QH-A6X8	0.2467640	509	0	Low risk	oligodendroglioma
525	TCGA-QH-A6X9	0.2326556	58	0	Low risk	oligodendroglioma
526	TCGA-QH-A6XA	0.1506235	502	0	Low risk	oligoastrocytoma
527	TCGA-QH-A6XC	0.6364607	508	0	Low risk	astrocytoma
528	TCGA-QH-A86X	0.1576092	337	0	Low risk	oligodendroglioma
529	TCGA-QH-A870	0.1919316	395	0	Low risk	oligoastrocytoma
530	TCGA-R8-A6MK	0.2002825	2702	0	Low risk	oligodendroglioma
531	TCGA-R8-A6ML	0.0656599	2860	0	Low risk	oligodendroglioma
532	TCGA-R8-A6MO	0.1650446	993	0	Low risk	oligodendroglioma
533	TCGA-R8-A73M	0.0591390	1806	0	Low risk	oligodendroglioma
534	TCGA-RY-A83X	0.1212075	939	0	Low risk	oligodendroglioma
535	TCGA-RY-A83Y	0.0865010	166	0	Low risk	oligodendroglioma
536	TCGA-RY-A83Z	0.6440468	301	0	Low risk	astrocytoma
537	TCGA-RY-A840	0.1362268	854	0	Low risk	oligodendroglioma
538	TCGA-RY-A843	0.4694273	63	0	Low risk	astrocytoma
539	TCGA-RY-A845	0.1301864	596	0	Low risk	oligoastrocytoma
540	TCGA-RY-A847	0.1602863	933	0	Low risk	oligodendroglioma
541	TCGA-S9-A6TS	0.2587171	1891	1	Low risk	astrocytoma
542	TCGA-S9-A6TU	0.1966473	2650	0	Low risk	astrocytoma
543	TCGA-S9-A6TV	0.7596267	571	0	Low risk	oligoastrocytoma
544	TCGA-S9-A6TW	0.2707265	1250	0	Low risk	oligodendroglioma
545	TCGA-S9-A6TX	0.2927618	1245	0	Low risk	oligodendroglioma
546	TCGA-S9-A6TY	0.0824054	1076	0	Low risk	oligodendroglioma
547	TCGA-S9-A6TZ	0.2729461	1120	0	Low risk	astrocytoma
548	TCGA-S9-A6U0	1.2863489	742	1	Low risk	astrocytoma
549	TCGA-S9-A6U1	0.2681313	785	0	Low risk	astrocytoma
550	TCGA-S9-A6U2	0.1563054	908	0	Low risk	oligodendroglioma
551	TCGA-S9-A6U5	0.1354354	992	0	Low risk	astrocytoma
552	TCGA-S9-A6U6	0.2180754	1069	0	Low risk	astrocytoma
553	TCGA-S9-A6U8	0.3281449	2988	1	Low risk	astrocytoma
554	TCGA-S9-A6U9	0.4770332	2918	0	Low risk	astrocytoma
556	TCGA-S9-A6UB	0.1477324	3761	0	Low risk	oligodendroglioma
557	TCGA-S9-A6WD	0.1928931	2289	0	Low risk	oligodendroglioma
558	TCGA-S9-A6WE	0.0410257	4113	0	Low risk	oligodendroglioma
559	TCGA-S9-A6WG	0.8556455	2602	0	Low risk	astrocytoma
560	TCGA-S9-A6WH	0.0361855	1173	0	Low risk	oligoastrocytoma
561	TCGA-S9-A6WI	-0.0407314	2585	0	Low risk	oligoastrocytoma
562	TCGA-S9-A6WL	0.0755860	946	0	Low risk	astrocytoma
563	TCGA-S9-A6WM	1.2608474	604	0	Low risk	astrocytoma
564	TCGA-S9-A6WN	0.6859158	805	0	Low risk	astrocytoma
565	TCGA-S9-A6WO	0.2360063	566	0	Low risk	astrocytoma

	Patient_ID	pi	time	status	group	histological_type
566	TCGA-S9-A6WP	0.3168180	567	0	Low risk	oligoastrocytoma
567	TCGA-S9-A6WQ	0.4305744	428	0	Low risk	oligoastrocytoma
568	TCGA-S9-A7IQ	-0.0422326	1099	0	Low risk	oligoastrocytoma
570	TCGA-S9-A7IX	1.0316794	819	1	Low risk	astrocytoma
571	TCGA-S9-A7IY	0.3700887	715	0	Low risk	oligoastrocytoma
572	TCGA-S9-A7IZ	0.3608795	608	0	Low risk	astrocytoma
574	TCGA-S9-A7J1	0.0884494	249	0	Low risk	oligodendroglioma
575	TCGA-S9-A7J2	0.0570885	62	0	Low risk	oligodendroglioma
576	TCGA-S9-A7J3	0.1722753	629	0	Low risk	oligodendroglioma
577	TCGA-S9-A7QW	-0.0939615	458	0	Low risk	astrocytoma
578	TCGA-S9-A7QX	0.3496730	564	0	Low risk	astrocytoma
579	TCGA-S9-A7QY	0.0436256	863	0	Low risk	oligoastrocytoma
580	TCGA-S9-A7QZ	0.0544413	826	0	Low risk	oligodendroglioma
581	TCGA-S9-A7R1	0.0078332	5166	1	Low risk	oligodendroglioma
582	TCGA-S9-A7R2	0.7014061	316	1	Low risk	astrocytoma
583	TCGA-S9-A7R3	0.2572326	3013	0	Low risk	astrocytoma
584	TCGA-S9-A7R4	0.2370212	914	0	Low risk	astrocytoma
585	TCGA-S9-A7R7	0.5311800	3000	0	Low risk	astrocytoma
586	TCGA-S9-A7R8	0.4861258	961	1	Low risk	astrocytoma
587	TCGA-S9-A89V	0.2958227	569	0	Low risk	astrocytoma
588	TCGA-S9-A89Z	0.8300080	623	0	Low risk	astrocytoma
589	TCGA-TM-A7C3	0.6691498	1666	1	Low risk	astrocytoma
590	TCGA-TM-A7C4	0.0613736	1470	0	Low risk	astrocytoma
591	TCGA-TM-A7C5	0.2016349	1500	0	Low risk	oligoastrocytoma
592	TCGA-TM-A7CA	0.1508976	1058	0	Low risk	astrocytoma
593	TCGA-TM-A7CF	0.0060685	1989	0	Low risk	astrocytoma
594	TCGA-TM-A84B	0.6066707	758	1	Low risk	astrocytoma
595	TCGA-TM-A84C	0.1888224	492	1	Low risk	astrocytoma
596	TCGA-TM-A84F	0.8984732	1796	0	Low risk	astrocytoma
597	TCGA-TM-A84G	0.0460975	1236	0	Low risk	oligodendroglioma
598	TCGA-TM-A84H	0.1299845	926	0	Low risk	oligoastrocytoma
599	TCGA-TM-A84I	0.6853252	854	0	Low risk	astrocytoma
600	TCGA-TM-A84J	1.1556592	735	0	Low risk	oligodendroglioma
601	TCGA-TM-A84L	0.3658371	1242	1	Low risk	oligoastrocytoma
602	TCGA-TM-A84M	0.3361808	754	0	Low risk	oligodendroglioma
603	TCGA-TM-A84O	0.3008007	1011	1	Low risk	oligodendroglioma
604	TCGA-TM-A84Q	0.4117686	772	0	Low risk	astrocytoma
605	TCGA-TM-A84R	-0.0116508	566	0	Low risk	oligodendroglioma
606	TCGA-TM-A84S	0.2470297	454	0	Low risk	oligodendroglioma
607	TCGA-TM-A84T	0.2272086	724	0	Low risk	oligoastrocytoma
608	TCGA-TQ-A7RF	0.2190252	650	0	Low risk	oligodendroglioma
609	TCGA-TQ-A7RG	0.1291487	599	0	Low risk	oligoastrocytoma
610	TCGA-TQ-A7RH	0.3868431	486	0	Low risk	oligoastrocytoma
611	TCGA-TQ-A7RI	0.1095755	62	0	Low risk	oligodendroglioma
612	TCGA-TQ-A7RJ	0.3873539	1229	0	Low risk	oligoastrocytoma
613	TCGA-TQ-A7RK	0.2355495	1341	0	Low risk	oligoastrocytoma
614	TCGA-TQ-A7RM	0.1413869	1116	0	Low risk	oligoastrocytoma
615	TCGA-TQ-A7RN	0.1190869	1026	0	Low risk	oligodendroglioma
616	TCGA-TQ-A7RO	0.0773220	949	0	Low risk	oligoastrocytoma
617	TCGA-TQ-A7RQ	0.0209002	795	0	Low risk	oligodendroglioma
618	TCGA-TQ-A7RR	0.3559536	787	0	Low risk	oligoastrocytoma
619	TCGA-TQ-A7RU	0.0701816	1032	0	Low risk	oligodendroglioma

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620	TCGA-TQ-A7RV	0.2258879	1868	0	Low risk	astrocytoma
621	TCGA-TQ-A7RW	0.7053207	821	1	Low risk	oligodendroglioma
622	TCGA-TQ-A8XE	0.1347863	954	1	Low risk	oligodendroglioma
623	TCGA-VM-A8C8	0.2967708	1397	0	Low risk	oligodendroglioma
624	TCGA-VM-A8C9	0.9928609	1314	0	Low risk	astrocytoma
625	TCGA-VM-A8CA	0.2622012	411	0	Low risk	oligodendroglioma
626	TCGA-VM-A8CB	0.0288349	3	0	Low risk	oligodendroglioma
627	TCGA-VM-A8CD	1.0906090	240	1	Low risk	astrocytoma
628	TCGA-VM-A8CE	0.1293566	1191	0	Low risk	oligodendroglioma
629	TCGA-VM-A8CF	0.6144374	609	0	Low risk	astrocytoma
630	TCGA-VM-A8CH	0.3015826	714	0	Low risk	astrocytoma
631	TCGA-VV-A829	0.2275661	1127	0	Low risk	oligoastrocytoma
632	TCGA-VV-A86M	0.2589163	487	0	Low risk	astrocytoma
633	TCGA-VW-A7QS	0.1367437	706	0	Low risk	oligodendroglioma
635	TCGA-W9-A837	0.0292589	1553	0	Low risk	oligodendroglioma
636	TCGA-WH-A86K	0.2405894	405	0	Low risk	astrocytoma
637	TCGA-WY-A858	0.6619606	1337	0	Low risk	astrocytoma
638	TCGA-WY-A859	-0.0172296	1213	0	Low risk	astrocytoma
639	TCGA-WY-A85A	0.2163456	1320	0	Low risk	astrocytoma
640	TCGA-WY-A85B	0.3747744	1393	0	Low risk	astrocytoma
641	TCGA-WY-A85C	0.0939810	1426	0	Low risk	astrocytoma
642	TCGA-WY-A85D	0.2967895	1147	0	Low risk	oligoastrocytoma
643	TCGA-WY-A85E	0.1623662	633	0	Low risk	oligoastrocytoma

HIGH-RISK-PATIENTS

	Patient_ID	pi	time	status	group	histological_type
1	TCGA-02-0047	1.408792	448	1	High risk	untreated primary (de novo) gbm
2	TCGA-02-0055	2.648515	76	1	High risk	untreated primary (de novo) gbm
3	TCGA-02-2483	2.636235	466	0	High risk	untreated primary (de novo) gbm
4	TCGA-02-2485	1.626853	470	0	High risk	untreated primary (de novo) gbm
5	TCGA-02-2486	2.156730	618	1	High risk	untreated primary (de novo) gbm
6	TCGA-06-0125	1.848450	1448	1	High risk	untreated primary (de novo) gbm
7	TCGA-06-0129	2.530986	1024	1	High risk	untreated primary (de novo) gbm
8	TCGA-06-0130	4.528614	394	1	High risk	untreated primary (de novo) gbm
9	TCGA-06-0132	1.824512	771	1	High risk	untreated primary (de novo) gbm
10	TCGA-06-0138	2.635520	737	1	High risk	untreated primary (de novo) gbm
11	TCGA-06-0141	2.682275	313	1	High risk	untreated primary (de novo) gbm
12	TCGA-06-0156	3.345649	178	1	High risk	untreated primary (de novo) gbm
13	TCGA-06-0157	2.314465	97	1	High risk	untreated primary (de novo) gbm
14	TCGA-06-0158	1.693452	329	1	High risk	untreated primary (de novo) gbm
15	TCGA-06-0168	2.369781	598	1	High risk	untreated primary (de novo) gbm
16	TCGA-06-0174	3.230529	98	1	High risk	untreated primary (de novo) gbm
18	TCGA-06-0184	2.146145	2126	1	High risk	untreated primary (de novo) gbm
19	TCGA-06-0187	2.015797	828	1	High risk	untreated primary (de novo) gbm
20	TCGA-06-0190	2.643525	317	1	High risk	untreated primary (de novo) gbm
21	TCGA-06-0210	1.665454	225	1	High risk	untreated primary (de novo) gbm
22	TCGA-06-0211	2.271290	360	1	High risk	untreated primary (de novo) gbm
23	TCGA-06-0219	3.711520	22	1	High risk	untreated primary (de novo) gbm
24	TCGA-06-0238	3.140481	405	1	High risk	untreated primary (de novo) gbm
25	TCGA-06-0644	3.788508	384	1	High risk	untreated primary (de novo) gbm
26	TCGA-06-0645	2.888981	175	1	High risk	untreated primary (de novo) gbm

	Patient_ID	pi	time	status	group	histological_type		
27	TCGA-06-0646	2.623620	175	1	High risk	untreated	primary	(de novo) gbm
28	TCGA-06-0649	2.445720	64	1	High risk	untreated	primary	(de novo) gbm
29	TCGA-06-0686	3.100501	432	1	High risk	untreated	primary	(de novo) gbm
31	TCGA-06-0744	1.413668	1426	1	High risk	untreated	primary	(de novo) gbm
32	TCGA-06-0745	3.223446	239	1	High risk	untreated	primary	(de novo) gbm
34	TCGA-06-0749	1.626249	82	1	High risk	untreated	primary	(de novo) gbm
35	TCGA-06-0750	1.497000	28	1	High risk	untreated	primary	(de novo) gbm
36	TCGA-06-0878	2.059603	218	0	High risk	untreated	primary	(de novo) gbm
39	TCGA-06-2557	3.164255	33	1	High risk	untreated	primary	(de novo) gbm
40	TCGA-06-2558	3.278052	380	1	High risk	untreated	primary	(de novo) gbm
41	TCGA-06-2559	3.686901	150	1	High risk	untreated	primary	(de novo) gbm
42	TCGA-06-2561	1.419559	537	1	High risk	untreated	primary	(de novo) gbm
43	TCGA-06-2562	1.658152	382	1	High risk	untreated	primary	(de novo) gbm
44	TCGA-06-2563	1.538373	932	0	High risk	untreated	primary	(de novo) gbm
45	TCGA-06-2564	1.892698	181	0	High risk	untreated	primary	(de novo) gbm
47	TCGA-06-2567	3.792912	133	1	High risk	untreated	primary	(de novo) gbm
48	TCGA-06-2569	2.336542	13	0	High risk	untreated	primary	(de novo) gbm
49	TCGA-06-2570	1.604850	958	0	High risk	untreated	primary	(de novo) gbm
50	TCGA-06-5408	1.710572	357	1	High risk	untreated	primary	(de novo) gbm
51	TCGA-06-5410	4.426206	108	1	High risk	untreated	primary	(de novo) gbm
52	TCGA-06-5411	1.745418	254	1	High risk	untreated	primary	(de novo) gbm
53	TCGA-06-5412	2.334418	138	1	High risk	untreated	primary	(de novo) gbm
54	TCGA-06-5413	3.348756	268	0	High risk	untreated	primary	(de novo) gbm
55	TCGA-06-5414	2.001556	273	0	High risk	untreated	primary	(de novo) gbm
56	TCGA-06-5415	1.640378	260	0	High risk	untreated	primary	(de novo) gbm
57	TCGA-06-5416	3.134273	204	0	High risk	untreated	primary	(de novo) gbm
59	TCGA-06-5418	1.853144	83	1	High risk	untreated	primary	(de novo) gbm
60	TCGA-06-5856	2.964826	114	1	High risk	untreated	primary	(de novo) gbm
61	TCGA-06-5858	2.034897	187	0	High risk	untreated	primary	(de novo) gbm
62	TCGA-06-5859	3.022929	139	0	High risk	untreated	primary	(de novo) gbm
63	TCGA-08-0386	1.464545	548	1	High risk	untreated	primary	(de novo) gbm
64	TCGA-12-0616	3.711389	448	1	High risk	untreated	primary	(de novo) gbm
65	TCGA-12-0618	2.421900	395	1	High risk	untreated	primary	(de novo) gbm
66	TCGA-12-0619	3.128776	1062	1	High risk	untreated	primary	(de novo) gbm
67	TCGA-12-0821	2.645377	323	1	High risk	untreated	primary	(de novo) gbm
68	TCGA-12-1597	2.794841	675	1	High risk	untreated	primary	(de novo) gbm
69	TCGA-12-3650	4.232613	333	1	High risk	untreated	primary	(de novo) gbm
70	TCGA-12-3652	2.094981	1062	1	High risk	untreated	primary	(de novo) gbm
71	TCGA-12-3653	2.579983	442	1	High risk	untreated	primary	(de novo) gbm
72	TCGA-12-5295	3.302446	454	1	High risk	untreated	primary	(de novo) gbm
73	TCGA-12-5299	2.278243	98	1	High risk	untreated	primary	(de novo) gbm
74	TCGA-14-0781	1.764156	29	1	High risk	untreated	primary	(de novo) gbm
75	TCGA-14-0787	2.035414	68	1	High risk	untreated	primary	(de novo) gbm
77	TCGA-14-0790	1.586780	419	1	High risk	untreated	primary	(de novo) gbm
78	TCGA-14-0817	3.423609	164	1	High risk	untreated	primary	(de novo) gbm
79	TCGA-14-1034	2.271678	485	1	High risk	untreated	primary	(de novo) gbm
80	TCGA-14-1823	1.991556	543	1	High risk	untreated	primary	(de novo) gbm
81	TCGA-14-1825	3.915839	232	1	High risk	untreated	primary	(de novo) gbm
82	TCGA-14-1829	2.522788	218	0	High risk	untreated	primary	(de novo) gbm
83	TCGA-14-2554	1.598037	532	1	High risk	untreated	primary	(de novo) gbm
84	TCGA-15-0742	2.116904	419	1	High risk	untreated	primary	(de novo) gbm
85	TCGA-16-0846	1.474069	119	1	High risk	untreated	primary	(de novo) gbm

	Patient_ID	pi	time	status	group	histological_type		
86	TCGA-16-1045	2.026547	883	1	High risk	untreated	primary	(de novo) gbm
88	TCGA-19-1787	3.490679	385	1	High risk	untreated	primary	(de novo) gbm
89	TCGA-19-2619	2.016516	294	0	High risk	untreated	primary	(de novo) gbm
91	TCGA-19-2624	4.950020	5	1	High risk	untreated	primary	(de novo) gbm
92	TCGA-19-2625	2.088746	124	1	High risk	untreated	primary	(de novo) gbm
93	TCGA-19-2629	1.965037	737	1	High risk	untreated	primary	(de novo) gbm
94	TCGA-19-4065	2.950869	214	0	High risk	untreated	primary	(de novo) gbm
95	TCGA-19-5960	1.697659	455	1	High risk	untreated	primary	(de novo) gbm
97	TCGA-26-5132	2.293967	286	0	High risk	untreated	primary	(de novo) gbm
99	TCGA-26-5134	3.044678	167	0	High risk	untreated	primary	(de novo) gbm
100	TCGA-26-5135	2.452491	270	1	High risk	untreated	primary	(de novo) gbm
101	TCGA-26-5136	2.658691	577	1	High risk	untreated	primary	(de novo) gbm
102	TCGA-26-5139	1.443878	48	0	High risk	untreated	primary	(de novo) gbm
103	TCGA-27-1830	2.058673	154	1	High risk	untreated	primary	(de novo) gbm
104	TCGA-27-1831	2.816471	505	1	High risk	untreated	primary	(de novo) gbm
105	TCGA-27-1832	3.094375	300	1	High risk	untreated	primary	(de novo) gbm
107	TCGA-27-1835	1.384178	648	1	High risk	untreated	primary	(de novo) gbm
108	TCGA-27-1837	3.191181	427	1	High risk	untreated	primary	(de novo) gbm
109	TCGA-27-2519	1.991009	550	1	High risk	untreated	primary	(de novo) gbm
110	TCGA-27-2521	1.605754	510	1	High risk	untreated	primary	(de novo) gbm
111	TCGA-27-2523	2.754394	489	1	High risk	untreated	primary	(de novo) gbm
112	TCGA-27-2524	3.417312	231	1	High risk	untreated	primary	(de novo) gbm
113	TCGA-27-2526	1.400008	87	1	High risk	untreated	primary	(de novo) gbm
114	TCGA-27-2528	2.520154	480	1	High risk	untreated	primary	(de novo) gbm
115	TCGA-28-1747	1.939727	77	1	High risk	untreated	primary	(de novo) gbm
116	TCGA-28-1753	3.471694	37	0	High risk	untreated	primary	(de novo) gbm
117	TCGA-28-2509	2.276927	145	0	High risk	untreated	primary	(de novo) gbm
118	TCGA-28-2513	1.718592	222	0	High risk	untreated	primary	(de novo) gbm
119	TCGA-28-2514	1.863484	160	0	High risk	untreated	primary	(de novo) gbm
120	TCGA-28-5204	2.832587	454	1	High risk	untreated	primary	(de novo) gbm
122	TCGA-28-5208	2.500716	544	1	High risk	untreated	primary	(de novo) gbm
123	TCGA-28-5209	2.307403	442	0	High risk	untreated	primary	(de novo) gbm
124	TCGA-28-5213	2.639257	951	0	High risk	untreated	primary	(de novo) gbm
125	TCGA-28-5215	2.242272	335	1	High risk	untreated	primary	(de novo) gbm
126	TCGA-28-5216	1.853533	415	0	High risk	untreated	primary	(de novo) gbm
127	TCGA-28-5218	3.462326	157	1	High risk	untreated	primary	(de novo) gbm
128	TCGA-28-5220	1.736244	388	1	High risk	untreated	primary	(de novo) gbm
129	TCGA-32-1970	2.078756	468	1	High risk	untreated	primary	(de novo) gbm
130	TCGA-32-1980	1.705174	36	1	High risk	untreated	primary	(de novo) gbm
131	TCGA-32-1982	1.820399	142	1	High risk	untreated	primary	(de novo) gbm
132	TCGA-32-2615	1.943294	485	1	High risk	untreated	primary	(de novo) gbm
133	TCGA-32-2616	2.012531	224	1	High risk	untreated	primary	(de novo) gbm
134	TCGA-32-2632	2.578369	269	1	High risk	untreated	primary	(de novo) gbm
135	TCGA-32-2634	1.975464	693	0	High risk	untreated	primary	(de novo) gbm
136	TCGA-32-2638	1.666062	766	1	High risk	untreated	primary	(de novo) gbm
137	TCGA-32-4213	2.992400	604	0	High risk	untreated	primary	(de novo) gbm
138	TCGA-32-5222	1.670578	585	1	High risk	untreated	primary	(de novo) gbm
139	TCGA-41-2571	2.322482	26	1	High risk	untreated	primary	(de novo) gbm
140	TCGA-41-2572	1.988613	406	1	High risk	untreated	primary	(de novo) gbm
141	TCGA-41-3915	1.692998	360	1	High risk	untreated	primary	(de novo) gbm
142	TCGA-41-4097	1.424633	6	1	High risk	untreated	primary	(de novo) gbm
143	TCGA-41-5651	2.328599	460	1	High risk	untreated	primary	(de novo) gbm

	Patient_ID	pi	time	status	group	histological_type
144	TCGA-76-4925	4.557029	146	1	High risk	untreated primary (de novo) gbm
145	TCGA-76-4926	1.753832	138	1	High risk	untreated primary (de novo) gbm
146	TCGA-76-4927	2.580343	535	1	High risk	untreated primary (de novo) gbm
147	TCGA-76-4928	2.990885	94	1	High risk	untreated primary (de novo) gbm
149	TCGA-76-4931	2.181177	279	1	High risk	untreated primary (de novo) gbm
205	TCGA-DH-A669	2.323080	919	1	High risk	oligodendroglioma
215	TCGA-DU-5847	1.732050	548	0	High risk	astrocytoma
234	TCGA-DU-6402	1.900865	214	1	High risk	astrocytoma
240	TCGA-DU-7006	1.571227	349	1	High risk	astrocytoma
247	TCGA-DU-7013	1.843013	269	1	High risk	astrocytoma
266	TCGA-DU-8165	2.421752	582	0	High risk	oligodendroglioma
283	TCGA-DU-A76L	1.815002	814	1	High risk	oligodendroglioma
293	TCGA-DU-A7TJ	2.276546	17	0	High risk	astrocytoma
296	TCGA-E1-5304	1.964110	1251	1	High risk	astrocytoma
303	TCGA-E1-A7YD	2.886656	435	1	High risk	astrocytoma
304	TCGA-E1-A7YE	1.589591	886	1	High risk	astrocytoma
306	TCGA-E1-A7YI	2.478641	111	1	High risk	astrocytoma
309	TCGA-E1-A7YL	2.245576	492	1	High risk	astrocytoma
311	TCGA-E1-A7YN	2.208386	727	1	High risk	astrocytoma
313	TCGA-E1-A7YQ	2.568382	1578	1	High risk	oligodendroglioma
316	TCGA-E1-A7YV	2.189379	987	1	High risk	oligoastrocytoma
360	TCGA-FG-A87N	1.455791	567	0	High risk	astrocytoma
362	TCGA-FN-7833	1.743864	837	0	High risk	oligoastrocytoma
386	TCGA-HT-7606	1.674795	526	0	High risk	astrocytoma
412	TCGA-HT-7857	1.750344	7	0	High risk	astrocytoma
422	TCGA-HT-7882	1.552060	113	1	High risk	oligodendroglioma
426	TCGA-HT-8011	3.395265	494	0	High risk	astrocytoma
432	TCGA-HT-8104	1.482226	372	0	High risk	astrocytoma
434	TCGA-HT-8106	2.724589	3	0	High risk	astrocytoma
438	TCGA-HT-8110	2.085844	419	0	High risk	astrocytoma
443	TCGA-HT-8563	1.471717	860	0	High risk	astrocytoma
450	TCGA-HT-A5RA	2.110485	832	0	High risk	astrocytoma
460	TCGA-HT-A61B	1.432913	533	0	High risk	astrocytoma
461	TCGA-HT-A61C	2.488465	537	1	High risk	oligodendroglioma
485	TCGA-KT-A7W1	2.176225	438	0	High risk	astrocytoma
555	TCGA-S9-A6UA	1.877322	178	1	High risk	astrocytoma
569	TCGA-S9-A7IS	1.806191	241	1	High risk	astrocytoma
573	TCGA-S9-A7J0	2.851919	609	0	High risk	oligodendroglioma
634	TCGA-VW-A8FI	2.179672	245	1	High risk	astrocytoma