

PANGLIOMA_2021_HUB

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```
## % censored cases (whole sample) = 63.49

##
##          astrocytoma          oligoastrocytoma
##              175              125
##      oligodendroglioma untreated primary (de novo) gbm
##              178              141

## no. of lgg cases = 478

## % gbm censored cases = 22.8 i.e. 28 out of 141
## % lgg censored cases = 77.2 i.e. 365 out of 478
## % astrocytoma censored cases = 28.3 i.e. 124 out of 175
## % oligoastrocytoma censored cases = 20.2 i.e. 102 out of 125
## % oligodendroglioma censored cases = 28.8 i.e. 139 out of 178
```

PANGLIOMA (LGG+GBM) ANALYSIS

PANGLIOMA_2016_ALL (10 EPV):

```
##
## 0 1
## 393 226

## [1] "0 = alive, 1 = dead (event of study)"
## [1] "pmax = 23"

## lambda value_2016_ALL = 0.0137285572300929
```

Table 1: Model coefficients

	coef
MCM10	-0.0007942
KIFC1	-0.0005097
NCAPG	-0.0002581
MKI67	-0.0002498
NCKAP1L	-0.0002251
HCK	-0.0001457
ST18	-0.0001338
SLC6A7	-0.0000586
MOBP	-0.0000368
NEFL	-0.0000061
CDK1	-0.0000024

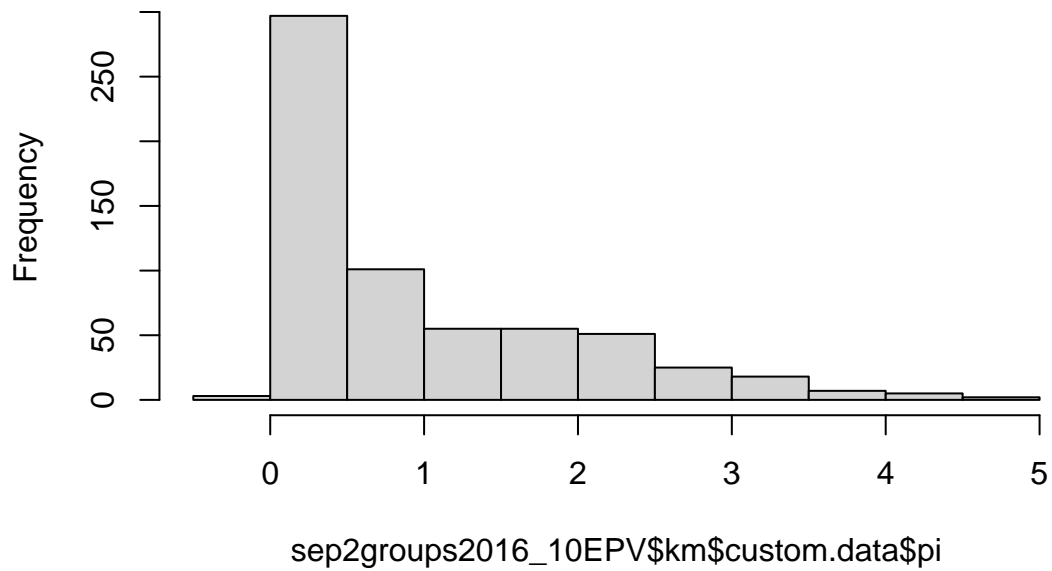
	coef
MYBL2	0.0000250
CRYM	0.0000541
KIF23	0.0001167
TMEM144	0.0001220
SASH3	0.0001242
RRM2	0.0004515
LAIR1	0.0004581
GPSM3	0.0006213
BUB1	0.0008144
ESPL1	0.0009572
SGOL1	0.0021719
KIF20A	0.0026322

Number of variables of final model = 23

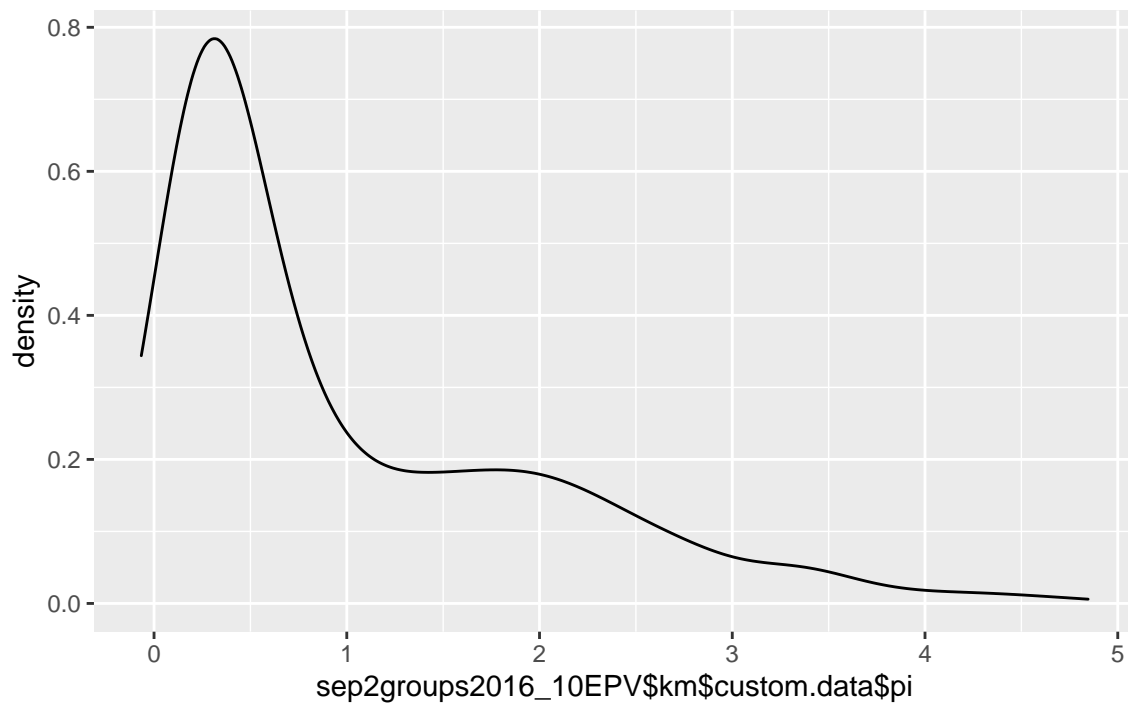
Stratification of patients (High-/Low-risk group)

Prognostic Index (PI) distribution

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

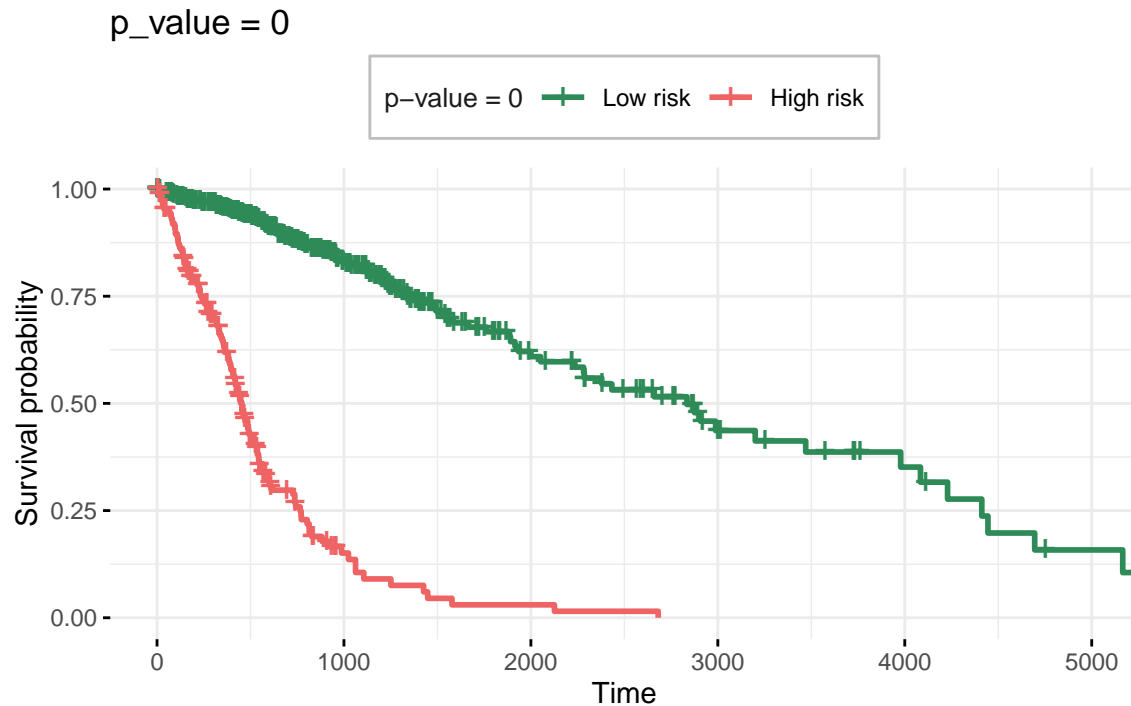


Panglioma: Density of Prognostic Index



semi-automatic calculation of PI threshold

```
## [1] "PI_THRESHOLD = 1.423179"
## [1] "Percentil = 0.7157"
## Call: survfit(formula = survival::Surv(time, status) ~ group, data = prognostic.index.df)
##
##           n events median 0.95LCL 0.95UCL
## Low risk  443     97   2835    2282   4084
## High risk  176    129    454     405    512
```



Kaplan-Meier survival results

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

Percentages

```
##
##           astrocytoma           oligoastrocytoma
##           175             125
##           oligodendroglioma untreated primary (de novo) gbm
##           178             141
```

LOW-RISK GROUP

```
## % GBM in Low-risk group: 2.483
## % LGG in Low-risk group: 97.517
## % Astrocytomas in Low-risk group: 33.183
## % oligodendroglioma in Low-risk group: 38.6
```

% MIX_or_oligoastrocytoma in Low-risk group: 25.734

HIGH-RISK GROUP

% GBM in High-risk group: 73.864

% LGG in High-risk group: 26.136

% Astrocytomas in High-risk group: 15.909

% oligodendroglioma in High-risk group: 3.977

% MIX_or_oligoastrocytoma in High-risk group: 6.25

FINAL TABLES

LOW-RISK-PATIENTS

	Patient_ID	pi	time	status	group	histological_type
32	TCGA-06-0747	1.3432511	82	1	Low risk	untreated primary (de novo) gbm
36	TCGA-06-0882	1.4016389	632	1	Low risk	untreated primary (de novo) gbm
45	TCGA-06-2565	1.1223449	506	1	Low risk	untreated primary (de novo) gbm
72	TCGA-14-0789	1.2228505	342	1	Low risk	untreated primary (de novo) gbm
85	TCGA-19-2620	1.0864868	148	1	Low risk	untreated primary (de novo) gbm
90	TCGA-26-1442	0.3880898	953	0	Low risk	untreated primary (de novo) gbm
92	TCGA-26-5133	1.2365384	452	0	Low risk	untreated primary (de novo) gbm
100	TCGA-27-1834	1.1427433	1233	1	Low risk	untreated primary (de novo) gbm
101	TCGA-27-1835	1.4142805	648	1	Low risk	untreated primary (de novo) gbm
107	TCGA-27-2526	1.3332048	87	1	Low risk	untreated primary (de novo) gbm
140	TCGA-76-4929	1.1015079	111	1	Low risk	untreated primary (de novo) gbm
142	TCGA-CS-4938	0.2364191	3574	0	Low risk	astrocytoma
143	TCGA-CS-4941	1.1448789	234	1	Low risk	astrocytoma
144	TCGA-CS-4942	0.8268408	1335	1	Low risk	astrocytoma
146	TCGA-CS-4944	0.3874644	1828	0	Low risk	astrocytoma
147	TCGA-CS-5393	0.6181188	1222	0	Low risk	astrocytoma
148	TCGA-CS-5394	0.1578547	8	0	Low risk	astrocytoma
149	TCGA-CS-5395	0.8738704	639	1	Low risk	oligodendroglioma
150	TCGA-CS-5396	0.4258847	1631	0	Low risk	oligodendroglioma
151	TCGA-CS-5397	1.3313258	194	1	Low risk	astrocytoma
152	TCGA-CS-6186	0.6580388	538	1	Low risk	oligoastrocytoma
154	TCGA-CS-6290	1.1693530	1137	1	Low risk	astrocytoma
155	TCGA-CS-6665	0.9956412	1568	0	Low risk	astrocytoma
156	TCGA-CS-6666	0.3184334	1428	0	Low risk	astrocytoma
157	TCGA-CS-6667	0.3084259	1469	0	Low risk	astrocytoma
158	TCGA-CS-6668	0.1406434	1519	0	Low risk	oligodendroglioma
159	TCGA-CS-6670	0.2166130	1426	0	Low risk	oligodendroglioma
160	TCGA-DB-5270	0.4153470	3733	0	Low risk	oligoastrocytoma
161	TCGA-DB-5273	0.6964074	2493	0	Low risk	astrocytoma
162	TCGA-DB-5274	0.7722919	2289	0	Low risk	oligoastrocytoma
163	TCGA-DB-5275	0.3795362	1458	0	Low risk	oligoastrocytoma
164	TCGA-DB-5276	0.4948272	2218	0	Low risk	oligoastrocytoma
165	TCGA-DB-5277	0.3302668	1547	1	Low risk	astrocytoma
166	TCGA-DB-5278	0.1633421	2772	0	Low risk	oligodendroglioma
167	TCGA-DB-5279	0.1695690	1354	0	Low risk	oligodendroglioma
168	TCGA-DB-5280	0.1717052	1112	0	Low risk	oligoastrocytoma

	Patient_ID	pi	time	status	group	histological_type
169	TCGA-DB-5281	0.3925640	2381	0	Low risk	oligoastrocytoma
170	TCGA-DB-A4X9	0.2323100	1412	0	Low risk	oligoastrocytoma
171	TCGA-DB-A4XA	0.3181277	573	0	Low risk	oligoastrocytoma
172	TCGA-DB-A4XB	0.2656640	919	0	Low risk	astrocytoma
173	TCGA-DB-A4XC	0.5744871	1421	0	Low risk	oligoastrocytoma
174	TCGA-DB-A4XD	0.2273637	1210	0	Low risk	astrocytoma
175	TCGA-DB-A4XE	0.6882023	1139	0	Low risk	oligoastrocytoma
176	TCGA-DB-A4XF	0.6962153	1021	0	Low risk	astrocytoma
177	TCGA-DB-A4XG	0.3257440	2219	0	Low risk	oligodendroglioma
178	TCGA-DB-A4XH	0.1860671	962	0	Low risk	oligoastrocytoma
179	TCGA-DB-A64L	0.2640565	736	0	Low risk	oligodendroglioma
180	TCGA-DB-A64O	0.7285260	775	1	Low risk	oligoastrocytoma
181	TCGA-DB-A64P	0.5189022	916	0	Low risk	oligodendroglioma
182	TCGA-DB-A64Q	0.2722487	182	0	Low risk	oligoastrocytoma
183	TCGA-DB-A64R	0.0925096	955	0	Low risk	oligodendroglioma
184	TCGA-DB-A64S	0.7582170	835	0	Low risk	oligoastrocytoma
185	TCGA-DB-A64U	0.2467502	846	0	Low risk	oligoastrocytoma
186	TCGA-DB-A64V	0.9787700	889	0	Low risk	oligodendroglioma
187	TCGA-DB-A64W	1.0874186	438	1	Low risk	oligoastrocytoma
188	TCGA-DB-A64X	0.1846526	563	0	Low risk	astrocytoma
189	TCGA-DB-A75K	0.4887740	368	0	Low risk	oligoastrocytoma
190	TCGA-DB-A75L	0.5647833	342	0	Low risk	astrocytoma
191	TCGA-DB-A75M	0.2896721	544	0	Low risk	astrocytoma
192	TCGA-DB-A75O	0.6410621	935	0	Low risk	astrocytoma
193	TCGA-DH-5141	0.3615762	968	0	Low risk	oligodendroglioma
194	TCGA-DH-5142	1.0797855	1943	0	Low risk	astrocytoma
195	TCGA-DH-5143	0.3812762	1401	0	Low risk	oligoastrocytoma
196	TCGA-DH-5144	0.1158438	748	0	Low risk	oligodendroglioma
198	TCGA-DH-A66B	0.5538891	1279	0	Low risk	astrocytoma
199	TCGA-DH-A66D	0.6654681	846	0	Low risk	astrocytoma
200	TCGA-DH-A66F	0.2274401	523	0	Low risk	oligodendroglioma
201	TCGA-DH-A66G	0.4585227	523	0	Low risk	oligodendroglioma
202	TCGA-DH-A7UR	0.2875265	1650	0	Low risk	oligodendroglioma
203	TCGA-DH-A7US	0.2986856	706	0	Low risk	oligodendroglioma
204	TCGA-DH-A7UT	0.3678142	531	1	Low risk	astrocytoma
205	TCGA-DH-A7UU	0.7258267	417	0	Low risk	astrocytoma
206	TCGA-DH-A7UV	0.4224185	566	0	Low risk	astrocytoma
208	TCGA-DU-5849	0.2788466	443	0	Low risk	oligodendroglioma
209	TCGA-DU-5851	0.4694106	531	0	Low risk	oligoastrocytoma
211	TCGA-DU-5853	0.4540207	407	0	Low risk	oligoastrocytoma
212	TCGA-DU-5854	1.2762536	257	0	Low risk	astrocytoma
213	TCGA-DU-5855	0.6628878	207	0	Low risk	oligoastrocytoma
214	TCGA-DU-5870	0.3031695	5546	0	Low risk	oligodendroglioma
215	TCGA-DU-5871	0.3900673	576	0	Low risk	oligoastrocytoma
216	TCGA-DU-5872	0.3843126	532	0	Low risk	oligoastrocytoma
217	TCGA-DU-5874	-0.0661497	461	0	Low risk	oligodendroglioma
218	TCGA-DU-6393	0.8206587	1585	1	Low risk	oligodendroglioma
219	TCGA-DU-6394	0.1345423	682	1	Low risk	oligodendroglioma
220	TCGA-DU-6395	0.2427800	1491	1	Low risk	oligoastrocytoma
221	TCGA-DU-6396	1.0277687	2286	1	Low risk	oligoastrocytoma
222	TCGA-DU-6397	0.2584126	1401	1	Low risk	oligodendroglioma
223	TCGA-DU-6399	0.6298162	2000	1	Low risk	oligodendroglioma

	Patient_ID	pi	time	status	group	histological_type
224	TCGA-DU-6400	0.1348407	37	1	Low risk	oligodendroglioma
225	TCGA-DU-6401	0.2320404	2660	1	Low risk	oligodendroglioma
230	TCGA-DU-6407	0.5588793	2875	1	Low risk	oligodendroglioma
231	TCGA-DU-6408	0.4860885	3470	1	Low risk	oligodendroglioma
232	TCGA-DU-6410	0.3251660	242	0	Low risk	oligodendroglioma
234	TCGA-DU-7007	0.5123567	1915	1	Low risk	astrocytoma
235	TCGA-DU-7008	0.4648405	4752	0	Low risk	oligodendroglioma
236	TCGA-DU-7009	0.2381513	4695	1	Low risk	oligodendroglioma
237	TCGA-DU-7010	0.8564382	456	1	Low risk	astrocytoma
238	TCGA-DU-7011	0.5187906	3200	1	Low risk	oligoastrocytoma
241	TCGA-DU-7015	0.7042189	2761	0	Low risk	oligodendroglioma
242	TCGA-DU-7018	0.3188194	933	1	Low risk	oligodendroglioma
243	TCGA-DU-7019	0.2977363	800	0	Low risk	oligoastrocytoma
244	TCGA-DU-7290	1.1293505	315	1	Low risk	astrocytoma
245	TCGA-DU-7294	0.2334067	2869	0	Low risk	oligodendroglioma
246	TCGA-DU-7298	1.1766037	576	1	Low risk	astrocytoma
247	TCGA-DU-7299	0.2501775	1339	1	Low risk	astrocytoma
248	TCGA-DU-7300	0.4181972	1886	1	Low risk	oligodendroglioma
249	TCGA-DU-7301	0.5815602	788	1	Low risk	oligodendroglioma
250	TCGA-DU-7302	0.1892545	1834	0	Low risk	oligodendroglioma
251	TCGA-DU-7304	0.5343661	709	1	Low risk	oligoastrocytoma
252	TCGA-DU-7306	0.2986479	1277	0	Low risk	oligoastrocytoma
253	TCGA-DU-7309	0.2093632	84	0	Low risk	oligodendroglioma
254	TCGA-DU-8158	0.9682673	155	1	Low risk	astrocytoma
255	TCGA-DU-8161	1.2323934	722	1	Low risk	oligoastrocytoma
256	TCGA-DU-8163	0.5335169	629	0	Low risk	oligoastrocytoma
257	TCGA-DU-8164	0.1282169	651	0	Low risk	oligodendroglioma
259	TCGA-DU-8166	0.1533707	516	0	Low risk	oligoastrocytoma
260	TCGA-DU-8167	0.5128902	471	0	Low risk	oligoastrocytoma
261	TCGA-DU-8168	0.2075839	431	0	Low risk	oligodendroglioma
262	TCGA-DU-A5TP	0.9516552	1012	0	Low risk	astrocytoma
264	TCGA-DU-A5TS	0.3418755	964	0	Low risk	oligodendroglioma
265	TCGA-DU-A5TT	0.6864922	743	0	Low risk	oligodendroglioma
266	TCGA-DU-A5TU	0.8022662	796	0	Low risk	astrocytoma
267	TCGA-DU-A5TW	0.5244573	760	0	Low risk	astrocytoma
268	TCGA-DU-A5TY	1.4078072	1033	1	Low risk	astrocytoma
269	TCGA-DU-A6S2	0.0751801	777	0	Low risk	oligodendroglioma
270	TCGA-DU-A6S3	0.0562120	656	0	Low risk	oligodendroglioma
271	TCGA-DU-A6S6	0.0186821	2893	0	Low risk	oligoastrocytoma
272	TCGA-DU-A6S7	0.3213997	638	0	Low risk	astrocytoma
273	TCGA-DU-A6S8	0.1809532	678	0	Low risk	oligodendroglioma
274	TCGA-DU-A76K	0.4039522	347	1	Low risk	oligodendroglioma
276	TCGA-DU-A76O	1.2146470	522	0	Low risk	astrocytoma
277	TCGA-DU-A76R	0.2021036	648	1	Low risk	oligodendroglioma
278	TCGA-DU-A7T6	0.7602195	547	1	Low risk	oligodendroglioma
279	TCGA-DU-A7T8	0.5004912	4229	1	Low risk	oligoastrocytoma
280	TCGA-DU-A7TA	0.6191825	2565	0	Low risk	oligodendroglioma
281	TCGA-DU-A7TC	0.4434273	1137	0	Low risk	astrocytoma
283	TCGA-DU-A7TG	0.1534394	1351	1	Low risk	oligodendroglioma
285	TCGA-E1-5302	0.9769199	1525	1	Low risk	astrocytoma
286	TCGA-E1-5303	1.3871830	2052	1	Low risk	astrocytoma
288	TCGA-E1-5305	0.7404228	2433	1	Low risk	astrocytoma

	Patient_ID	pi	time	status	group	histological_type
289	TCGA-E1-5307	0.3834399	1762	1	Low risk	astrocytoma
290	TCGA-E1-5311	0.2846985	4084	1	Low risk	oligodendroglioma
291	TCGA-E1-5318	0.1991452	2379	1	Low risk	oligodendroglioma
292	TCGA-E1-5319	0.6980158	2907	1	Low risk	oligodendroglioma
293	TCGA-E1-5322	0.8602525	3978	1	Low risk	oligoastrocytoma
295	TCGA-E1-A7YE	1.3769566	886	1	Low risk	astrocytoma
296	TCGA-E1-A7YH	0.6511228	2835	1	Low risk	astrocytoma
298	TCGA-E1-A7YJ	1.3500611	592	1	Low risk	astrocytoma
299	TCGA-E1-A7YK	1.2281284	378	1	Low risk	astrocytoma
301	TCGA-E1-A7YM	0.8363781	648	1	Low risk	astrocytoma
303	TCGA-E1-A7YO	0.3041148	2282	1	Low risk	oligodendroglioma
305	TCGA-E1-A7YS	0.4767576	466	1	Low risk	oligodendroglioma
306	TCGA-E1-A7YU	0.4492876	23	1	Low risk	oligoastrocytoma
308	TCGA-E1-A7YW	0.3893153	1120	1	Low risk	oligoastrocytoma
309	TCGA-E1-A7YY	0.2789893	4445	1	Low risk	oligodendroglioma
310	TCGA-E1-A7Z2	0.6427142	398	1	Low risk	oligodendroglioma
311	TCGA-E1-A7Z3	0.3895471	2235	1	Low risk	astrocytoma
312	TCGA-E1-A7Z4	0.3857602	4412	1	Low risk	astrocytoma
313	TCGA-E1-A7Z6	0.3605873	984	1	Low risk	astrocytoma
314	TCGA-EZ-7264	0.1257183	1201	0	Low risk	oligodendroglioma
315	TCGA-F6-A8O3	0.2035398	7	0	Low risk	oligodendroglioma
316	TCGA-F6-A8O4	0.2445244	6	0	Low risk	astrocytoma
317	TCGA-FG-5962	0.1748024	1453	0	Low risk	oligodendroglioma
318	TCGA-FG-5964	0.6903115	1588	0	Low risk	oligodendroglioma
319	TCGA-FG-5965	0.5742659	1120	1	Low risk	oligoastrocytoma
320	TCGA-FG-6688	1.2596942	571	0	Low risk	astrocytoma
321	TCGA-FG-6689	0.3709773	454	0	Low risk	astrocytoma
322	TCGA-FG-6690	0.4328976	1294	0	Low risk	oligodendroglioma
323	TCGA-FG-6691	0.9220749	1257	0	Low risk	astrocytoma
324	TCGA-FG-6692	1.1466774	561	1	Low risk	oligodendroglioma
325	TCGA-FG-7634	0.7415246	467	0	Low risk	oligodendroglioma
326	TCGA-FG-7636	0.1767493	544	0	Low risk	astrocytoma
327	TCGA-FG-7637	0.2152436	1219	0	Low risk	oligoastrocytoma
328	TCGA-FG-7638	0.2671659	686	0	Low risk	oligodendroglioma
329	TCGA-FG-7641	0.1311340	627	0	Low risk	oligodendroglioma
330	TCGA-FG-7643	0.5144693	611	0	Low risk	oligoastrocytoma
331	TCGA-FG-8182	0.4400100	416	0	Low risk	oligodendroglioma
332	TCGA-FG-8185	0.2148466	433	0	Low risk	astrocytoma
333	TCGA-FG-8186	0.4895113	487	0	Low risk	oligoastrocytoma
334	TCGA-FG-8187	0.1147472	611	0	Low risk	oligoastrocytoma
335	TCGA-FG-8188	0.2697112	455	0	Low risk	oligoastrocytoma
336	TCGA-FG-8189	0.0666621	685	0	Low risk	oligodendroglioma
337	TCGA-FG-8191	0.4085359	992	0	Low risk	oligodendroglioma
338	TCGA-FG-A4MT	0.3633047	1164	0	Low risk	oligodendroglioma
341	TCGA-FG-A4MX	0.3048097	569	0	Low risk	astrocytoma
342	TCGA-FG-A4MY	0.1677502	721	0	Low risk	oligoastrocytoma
343	TCGA-FG-A60J	0.2753880	449	0	Low risk	oligoastrocytoma
344	TCGA-FG-A60K	0.1769352	542	0	Low risk	oligoastrocytoma
345	TCGA-FG-A60L	0.7617058	655	0	Low risk	astrocytoma
346	TCGA-FG-A6IZ	0.2467893	457	0	Low risk	oligodendroglioma
347	TCGA-FG-A6J1	0.3734196	500	0	Low risk	oligodendroglioma
348	TCGA-FG-A6J3	0.6871171	677	0	Low risk	astrocytoma

	Patient_ID	pi	time	status	group	histological_type
349	TCGA-FG-A70Y	0.6735089	868	0	Low risk	oligodendroglioma
351	TCGA-FG-A710	0.9190990	1115	0	Low risk	oligodendroglioma
352	TCGA-FG-A711	0.4401034	1481	1	Low risk	oligodendroglioma
353	TCGA-FG-A713	0.1276258	622	0	Low risk	oligoastrocytoma
357	TCGA-HT-7467	0.2979927	3	0	Low risk	oligodendroglioma
358	TCGA-HT-7468	0.3625582	203	0	Low risk	oligodendroglioma
359	TCGA-HT-7470	0.2727907	1220	1	Low risk	oligodendroglioma
360	TCGA-HT-7471	1.0467878	4	0	Low risk	oligodendroglioma
361	TCGA-HT-7472	0.4477171	1	0	Low risk	oligodendroglioma
362	TCGA-HT-7473	0.9315881	503	0	Low risk	oligoastrocytoma
363	TCGA-HT-7474	0.2252689	114	0	Low risk	oligoastrocytoma
364	TCGA-HT-7475	0.3428085	530	0	Low risk	oligoastrocytoma
365	TCGA-HT-7476	0.3598951	199	0	Low risk	astrocytoma
367	TCGA-HT-7478	0.9540147	194	0	Low risk	astrocytoma
368	TCGA-HT-7479	0.5122252	1227	0	Low risk	astrocytoma
369	TCGA-HT-7480	0.1235034	2287	0	Low risk	oligodendroglioma
370	TCGA-HT-7481	0.3108397	2918	0	Low risk	oligodendroglioma
371	TCGA-HT-7482	0.4038305	3253	0	Low risk	oligoastrocytoma
372	TCGA-HT-7483	0.4229901	5255	0	Low risk	oligoastrocytoma
373	TCGA-HT-7485	0.3100246	122	0	Low risk	astrocytoma
374	TCGA-HT-7601	0.7009270	153	0	Low risk	astrocytoma
375	TCGA-HT-7602	-0.0636002	908	0	Low risk	oligodendroglioma
376	TCGA-HT-7603	0.3920033	705	0	Low risk	oligodendroglioma
377	TCGA-HT-7604	0.3604897	3725	0	Low risk	astrocytoma
378	TCGA-HT-7605	0.1492495	139	0	Low risk	oligodendroglioma
380	TCGA-HT-7607	0.2888870	96	1	Low risk	astrocytoma
381	TCGA-HT-7608	0.3450083	671	0	Low risk	oligoastrocytoma
382	TCGA-HT-7609	0.3548632	1399	0	Low risk	oligoastrocytoma
383	TCGA-HT-7610	0.1682741	1706	0	Low risk	oligoastrocytoma
384	TCGA-HT-7611	0.2255965	1752	0	Low risk	oligoastrocytoma
385	TCGA-HT-7616	0.6651277	7	1	Low risk	oligodendroglioma
386	TCGA-HT-7620	0.5417545	434	0	Low risk	oligodendroglioma
387	TCGA-HT-7676	0.6340740	5	0	Low risk	oligodendroglioma
388	TCGA-HT-7677	0.0648008	494	0	Low risk	oligodendroglioma
389	TCGA-HT-7681	0.1804854	1359	0	Low risk	oligoastrocytoma
390	TCGA-HT-7684	0.5678504	184	0	Low risk	oligoastrocytoma
391	TCGA-HT-7686	1.1539890	1300	0	Low risk	astrocytoma
392	TCGA-HT-7687	0.2138810	3	0	Low risk	oligodendroglioma
393	TCGA-HT-7688	0.1484174	964	0	Low risk	oligodendroglioma
394	TCGA-HT-7689	0.3900744	455	0	Low risk	oligodendroglioma
395	TCGA-HT-7690	0.8089589	3	0	Low risk	oligoastrocytoma
396	TCGA-HT-7692	0.4754312	90	0	Low risk	oligoastrocytoma
397	TCGA-HT-7693	0.4808852	533	0	Low risk	oligodendroglioma
398	TCGA-HT-7694	0.1529880	210	0	Low risk	oligodendroglioma
399	TCGA-HT-7695	0.0369672	442	0	Low risk	oligodendroglioma
400	TCGA-HT-7854	0.7607056	1201	0	Low risk	astrocytoma
401	TCGA-HT-7855	0.2459275	585	0	Low risk	astrocytoma
402	TCGA-HT-7856	0.2911282	1189	0	Low risk	oligodendroglioma
403	TCGA-HT-7858	0.4753607	1540	0	Low risk	astrocytoma
404	TCGA-HT-7860	0.6712359	15	0	Low risk	astrocytoma
405	TCGA-HT-7873	0.5189887	718	0	Low risk	oligoastrocytoma
406	TCGA-HT-7874	0.1574597	1130	0	Low risk	oligodendroglioma

	Patient_ID	pi	time	status	group	histological_type
407	TCGA-HT-7875	0.0897003	10	0	Low risk	oligodendroglioma
408	TCGA-HT-7877	0.1917464	4	0	Low risk	oligodendroglioma
409	TCGA-HT-7879	0.3662318	112	0	Low risk	oligoastrocytoma
410	TCGA-HT-7880	0.0236011	162	0	Low risk	oligoastrocytoma
411	TCGA-HT-7881	0.0336435	1079	0	Low risk	oligodendroglioma
413	TCGA-HT-7884	0.1559443	343	0	Low risk	astrocytoma
414	TCGA-HT-7902	-0.0496050	956	0	Low risk	oligoastrocytoma
415	TCGA-HT-8010	0.1788492	50	0	Low risk	oligodendroglioma
417	TCGA-HT-8012	0.1690486	286	0	Low risk	oligodendroglioma
418	TCGA-HT-8013	1.2641107	1933	1	Low risk	oligoastrocytoma
419	TCGA-HT-8018	0.7769724	1152	1	Low risk	oligoastrocytoma
421	TCGA-HT-8105	0.3427423	190	0	Low risk	oligodendroglioma
423	TCGA-HT-8108	0.7957982	76	0	Low risk	oligodendroglioma
424	TCGA-HT-8109	0.2333920	169	0	Low risk	oligodendroglioma
426	TCGA-HT-8111	0.3685641	7	0	Low risk	oligoastrocytoma
427	TCGA-HT-8113	0.0889047	900	0	Low risk	oligodendroglioma
428	TCGA-HT-8114	0.7730487	1040	0	Low risk	oligoastrocytoma
429	TCGA-HT-8563	1.3396535	860	0	Low risk	astrocytoma
430	TCGA-HT-A4DS	1.3899980	7	0	Low risk	astrocytoma
431	TCGA-HT-A4DV	0.3755252	792	0	Low risk	oligodendroglioma
432	TCGA-HT-A5R5	0.4634589	4	0	Low risk	oligodendroglioma
433	TCGA-HT-A5R7	0.3547872	615	0	Low risk	astrocytoma
434	TCGA-HT-A5R9	0.3370419	2	0	Low risk	oligodendroglioma
436	TCGA-HT-A5RB	0.1478491	3	0	Low risk	astrocytoma
437	TCGA-HT-A5RC	1.2289211	162	1	Low risk	astrocytoma
438	TCGA-HT-A614	0.4501172	82	0	Low risk	oligoastrocytoma
439	TCGA-HT-A615	0.5208867	515	0	Low risk	oligodendroglioma
440	TCGA-HT-A616	0.2218390	55	0	Low risk	astrocytoma
441	TCGA-HT-A617	1.0074056	491	0	Low risk	oligodendroglioma
442	TCGA-HT-A618	0.8569573	512	0	Low risk	astrocytoma
443	TCGA-HT-A619	0.1031073	651	0	Low risk	oligodendroglioma
444	TCGA-HT-A61A	0.3014312	194	0	Low risk	oligodendroglioma
447	TCGA-HT-A74H	0.7736827	74	0	Low risk	astrocytoma
448	TCGA-HT-A74J	0.3876858	320	0	Low risk	oligoastrocytoma
449	TCGA-HT-A74K	0.3363521	467	0	Low risk	oligodendroglioma
450	TCGA-HT-A74L	0.3035460	336	0	Low risk	oligoastrocytoma
451	TCGA-HT-A74O	0.8694089	3	0	Low risk	astrocytoma
452	TCGA-HW-7486	0.4251317	1721	0	Low risk	oligodendroglioma
453	TCGA-HW-7487	0.1889957	1382	0	Low risk	oligodendroglioma
454	TCGA-HW-7489	0.2417155	1262	1	Low risk	oligoastrocytoma
455	TCGA-HW-7490	0.2327172	1387	0	Low risk	astrocytoma
456	TCGA-HW-7491	0.1173435	2078	0	Low risk	oligodendroglioma
457	TCGA-HW-7495	0.2463459	1078	0	Low risk	oligodendroglioma
458	TCGA-HW-8319	0.1945348	1209	1	Low risk	astrocytoma
459	TCGA-HW-8320	0.2179849	1217	0	Low risk	astrocytoma
460	TCGA-HW-8321	0.2959262	1294	0	Low risk	astrocytoma
461	TCGA-HW-8322	0.2941754	758	0	Low risk	oligodendroglioma
462	TCGA-HW-A5KJ	0.4326083	962	1	Low risk	oligodendroglioma
463	TCGA-HW-A5KK	1.2179596	388	1	Low risk	astrocytoma
464	TCGA-HW-A5KL	0.2910445	878	0	Low risk	astrocytoma
465	TCGA-HW-A5KM	0.9156935	630	0	Low risk	astrocytoma
466	TCGA-IK-7675	0.5033968	578	1	Low risk	oligodendroglioma

	Patient_ID	pi	time	status	group	histological_type
467	TCGA-IK-8125	0.2879120	1301	0	Low risk	oligoastrocytoma
468	TCGA-KT-A74X	0.3049177	438	0	Low risk	oligoastrocytoma
470	TCGA-P5-A5EV	0.4692735	7	0	Low risk	astrocytoma
471	TCGA-P5-A5EW	0.2273030	204	0	Low risk	astrocytoma
472	TCGA-P5-A5EX	0.9420814	243	0	Low risk	oligodendroglioma
473	TCGA-P5-A5EZ	0.8078289	70	0	Low risk	astrocytoma
474	TCGA-P5-A5F0	0.1488717	287	0	Low risk	oligodendroglioma
475	TCGA-P5-A5F1	0.4248038	179	0	Low risk	astrocytoma
476	TCGA-P5-A5F2	0.2511452	242	0	Low risk	astrocytoma
477	TCGA-P5-A5F4	0.2090691	231	0	Low risk	oligodendroglioma
478	TCGA-P5-A72U	0.9516817	7	0	Low risk	oligodendroglioma
479	TCGA-P5-A72W	0.2982323	317	0	Low risk	astrocytoma
480	TCGA-P5-A72X	0.2000310	403	0	Low risk	astrocytoma
481	TCGA-P5-A72Z	0.4616647	354	0	Low risk	oligodendroglioma
482	TCGA-P5-A730	0.4223090	333	0	Low risk	oligoastrocytoma
483	TCGA-P5-A731	0.5539720	274	0	Low risk	oligoastrocytoma
484	TCGA-P5-A733	0.1516649	414	0	Low risk	astrocytoma
485	TCGA-P5-A735	0.3070682	292	0	Low risk	astrocytoma
486	TCGA-P5-A736	0.8149344	230	0	Low risk	astrocytoma
487	TCGA-P5-A737	0.1131809	372	0	Low risk	oligoastrocytoma
488	TCGA-P5-A77W	0.0572699	584	0	Low risk	oligoastrocytoma
489	TCGA-P5-A77X	0.1708592	105	0	Low risk	oligoastrocytoma
490	TCGA-P5-A780	0.5540472	72	0	Low risk	astrocytoma
491	TCGA-P5-A781	0.2515849	134	0	Low risk	astrocytoma
492	TCGA-QH-A65R	0.3397376	461	0	Low risk	oligodendroglioma
493	TCGA-QH-A65S	0.3238173	77	0	Low risk	oligoastrocytoma
494	TCGA-QH-A65V	0.4114507	384	0	Low risk	oligodendroglioma
495	TCGA-QH-A65X	0.3620989	482	0	Low risk	oligoastrocytoma
496	TCGA-QH-A65Z	0.1395418	427	0	Low risk	oligodendroglioma
497	TCGA-QH-A6CS	0.8727887	588	0	Low risk	astrocytoma
498	TCGA-QH-A6CU	0.3497729	451	0	Low risk	oligodendroglioma
500	TCGA-QH-A6CW	0.3561987	414	0	Low risk	oligoastrocytoma
501	TCGA-QH-A6CY	0.0940353	408	0	Low risk	oligoastrocytoma
502	TCGA-QH-A6CZ	0.0331229	279	0	Low risk	oligoastrocytoma
503	TCGA-QH-A6X3	0.4376705	313	0	Low risk	oligoastrocytoma
504	TCGA-QH-A6X4	0.2214833	442	0	Low risk	oligoastrocytoma
505	TCGA-QH-A6X5	0.1625536	497	0	Low risk	oligoastrocytoma
506	TCGA-QH-A6X8	0.3025682	509	0	Low risk	oligodendroglioma
507	TCGA-QH-A6X9	0.3011463	58	0	Low risk	oligodendroglioma
508	TCGA-QH-A6XA	0.1460584	502	0	Low risk	oligoastrocytoma
509	TCGA-QH-A6XC	0.7753849	508	0	Low risk	astrocytoma
510	TCGA-QH-A86X	0.2214235	337	0	Low risk	oligodendroglioma
511	TCGA-QH-A870	0.2355410	395	0	Low risk	oligoastrocytoma
512	TCGA-R8-A6MK	0.2907043	2702	0	Low risk	oligodendroglioma
513	TCGA-R8-A6ML	0.1374900	2860	0	Low risk	oligodendroglioma
514	TCGA-R8-A6MO	0.2596417	993	0	Low risk	oligodendroglioma
515	TCGA-R8-A73M	0.1027678	1806	0	Low risk	oligodendroglioma
516	TCGA-RY-A83X	0.1823915	939	0	Low risk	oligodendroglioma
517	TCGA-RY-A83Y	0.2466024	166	0	Low risk	oligodendroglioma
518	TCGA-RY-A83Z	0.8557093	301	0	Low risk	astrocytoma
519	TCGA-RY-A840	0.1814629	854	0	Low risk	oligodendroglioma
520	TCGA-RY-A843	0.5885182	63	0	Low risk	astrocytoma

	Patient_ID	pi	time	status	group	histological_type
521	TCGA-RY-A845	0.2313674	596	0	Low risk	oligoastrocytoma
522	TCGA-RY-A847	0.2418696	933	0	Low risk	oligodendroglioma
523	TCGA-S9-A6TS	0.3284157	1891	1	Low risk	astrocytoma
524	TCGA-S9-A6TU	0.3599071	2650	0	Low risk	astrocytoma
525	TCGA-S9-A6TV	0.8804544	571	0	Low risk	oligoastrocytoma
526	TCGA-S9-A6TW	0.3165950	1250	0	Low risk	oligodendroglioma
527	TCGA-S9-A6TX	0.3458252	1245	0	Low risk	oligodendroglioma
528	TCGA-S9-A6TY	0.2171425	1076	0	Low risk	oligodendroglioma
529	TCGA-S9-A6TZ	0.3098382	1120	0	Low risk	astrocytoma
531	TCGA-S9-A6U1	0.3770541	785	0	Low risk	astrocytoma
532	TCGA-S9-A6U2	0.1883446	908	0	Low risk	oligodendroglioma
533	TCGA-S9-A6U5	0.2650739	992	0	Low risk	astrocytoma
534	TCGA-S9-A6U6	0.2844012	1069	0	Low risk	astrocytoma
535	TCGA-S9-A6U8	0.3567905	2988	1	Low risk	astrocytoma
536	TCGA-S9-A6U9	0.7253218	2918	0	Low risk	astrocytoma
537	TCGA-S9-A6UB	0.1953490	3761	0	Low risk	oligodendroglioma
538	TCGA-S9-A6WD	0.3343818	2289	0	Low risk	oligodendroglioma
539	TCGA-S9-A6WE	0.1261677	4113	0	Low risk	oligodendroglioma
540	TCGA-S9-A6WG	1.1941149	2602	0	Low risk	astrocytoma
541	TCGA-S9-A6WH	0.1130455	1173	0	Low risk	oligoastrocytoma
542	TCGA-S9-A6WI	0.0899016	2585	0	Low risk	oligoastrocytoma
543	TCGA-S9-A6WL	0.1457988	946	0	Low risk	astrocytoma
545	TCGA-S9-A6WN	0.5689725	805	0	Low risk	astrocytoma
546	TCGA-S9-A6WO	0.3913465	566	0	Low risk	astrocytoma
547	TCGA-S9-A6WP	0.4010889	567	0	Low risk	oligoastrocytoma
548	TCGA-S9-A6WQ	0.4881924	428	0	Low risk	oligoastrocytoma
549	TCGA-S9-A7IQ	0.0675381	1099	0	Low risk	oligoastrocytoma
550	TCGA-S9-A7IS	1.1095769	241	1	Low risk	astrocytoma
551	TCGA-S9-A7IX	1.3219327	819	1	Low risk	astrocytoma
552	TCGA-S9-A7IY	0.4242493	715	0	Low risk	oligoastrocytoma
553	TCGA-S9-A7IZ	0.4976217	608	0	Low risk	astrocytoma
555	TCGA-S9-A7J1	0.2392931	249	0	Low risk	oligodendroglioma
556	TCGA-S9-A7J2	0.0966681	62	0	Low risk	oligodendroglioma
557	TCGA-S9-A7J3	0.2721542	629	0	Low risk	oligodendroglioma
558	TCGA-S9-A7QW	0.0430496	458	0	Low risk	astrocytoma
559	TCGA-S9-A7QX	0.4790862	564	0	Low risk	astrocytoma
560	TCGA-S9-A7QY	0.1084048	863	0	Low risk	oligoastrocytoma
561	TCGA-S9-A7QZ	0.1297787	826	0	Low risk	oligodendroglioma
562	TCGA-S9-A7R1	0.1174555	5166	1	Low risk	oligodendroglioma
563	TCGA-S9-A7R2	1.3444101	316	1	Low risk	astrocytoma
564	TCGA-S9-A7R3	0.2815648	3013	0	Low risk	astrocytoma
565	TCGA-S9-A7R4	0.3032836	914	0	Low risk	astrocytoma
566	TCGA-S9-A7R7	0.6315077	3000	0	Low risk	astrocytoma
567	TCGA-S9-A7R8	0.5161053	961	1	Low risk	astrocytoma
568	TCGA-S9-A89Z	0.8920031	623	0	Low risk	astrocytoma
569	TCGA-TM-A7C3	0.7739640	1666	1	Low risk	astrocytoma
570	TCGA-TM-A7C4	0.1469026	1470	0	Low risk	astrocytoma
571	TCGA-TM-A7C5	0.2064368	1500	0	Low risk	oligoastrocytoma
572	TCGA-TM-A7CA	0.1658150	1058	0	Low risk	astrocytoma
573	TCGA-TM-A7CF	0.1523163	1989	0	Low risk	astrocytoma
574	TCGA-TM-A84B	0.6853791	758	1	Low risk	astrocytoma
575	TCGA-TM-A84F	0.9745181	1796	0	Low risk	astrocytoma

	Patient_ID	pi	time	status	group	histological_type
576	TCGA-TM-A84G	0.0726091	1236	0	Low risk	oligodendroglioma
577	TCGA-TM-A84H	0.2604564	926	0	Low risk	oligoastrocytoma
578	TCGA-TM-A84I	1.1989644	854	0	Low risk	astrocytoma
579	TCGA-TM-A84L	0.4566216	1242	1	Low risk	oligoastrocytoma
580	TCGA-TM-A84M	0.3772487	754	0	Low risk	oligodendroglioma
581	TCGA-TM-A84O	0.4359791	1011	1	Low risk	oligodendroglioma
582	TCGA-TM-A84Q	0.4785381	772	0	Low risk	astrocytoma
583	TCGA-TM-A84R	0.1095234	566	0	Low risk	oligodendroglioma
584	TCGA-TM-A84S	0.3578743	454	0	Low risk	oligodendroglioma
585	TCGA-TM-A84T	0.2363129	724	0	Low risk	oligoastrocytoma
586	TCGA-TQ-A7RF	0.2823992	650	0	Low risk	oligodendroglioma
587	TCGA-TQ-A7RG	0.1993630	599	0	Low risk	oligoastrocytoma
588	TCGA-TQ-A7RH	0.5096084	486	0	Low risk	oligoastrocytoma
589	TCGA-TQ-A7RI	0.1450212	62	0	Low risk	oligodendroglioma
590	TCGA-TQ-A7RJ	0.5251120	1229	0	Low risk	oligoastrocytoma
591	TCGA-TQ-A7RK	0.4013742	1341	0	Low risk	oligoastrocytoma
592	TCGA-TQ-A7RM	0.9145882	1116	0	Low risk	oligoastrocytoma
593	TCGA-TQ-A7RN	0.1742634	1026	0	Low risk	oligodendroglioma
594	TCGA-TQ-A7RO	0.1214169	949	0	Low risk	oligoastrocytoma
595	TCGA-TQ-A7RQ	0.0844008	795	0	Low risk	oligodendroglioma
596	TCGA-TQ-A7RR	0.3039723	787	0	Low risk	oligoastrocytoma
597	TCGA-TQ-A7RU	0.1051391	1032	0	Low risk	oligodendroglioma
598	TCGA-TQ-A7RV	0.2160815	1868	0	Low risk	astrocytoma
599	TCGA-TQ-A7RW	0.7836839	821	1	Low risk	oligodendroglioma
600	TCGA-TQ-A8XE	0.2114015	954	1	Low risk	oligodendroglioma
601	TCGA-VM-A8C8	0.3323129	1397	0	Low risk	oligodendroglioma
602	TCGA-VM-A8CA	0.3867055	411	0	Low risk	oligodendroglioma
603	TCGA-VM-A8CB	0.0912640	3	0	Low risk	oligodendroglioma
604	TCGA-VM-A8CE	0.2381498	1191	0	Low risk	oligodendroglioma
605	TCGA-VM-A8CF	1.0326609	609	0	Low risk	astrocytoma
606	TCGA-VM-A8CH	0.3142366	714	0	Low risk	astrocytoma
607	TCGA-VV-A829	0.3667515	1127	0	Low risk	oligoastrocytoma
608	TCGA-VV-A86M	0.3429460	487	0	Low risk	astrocytoma
609	TCGA-VW-A7QS	0.1645432	706	0	Low risk	oligodendroglioma
611	TCGA-W9-A837	0.1672139	1553	0	Low risk	oligodendroglioma
612	TCGA-WH-A86K	0.3021653	405	0	Low risk	astrocytoma
613	TCGA-WY-A858	0.8265908	1337	0	Low risk	astrocytoma
614	TCGA-WY-A859	0.1397150	1213	0	Low risk	astrocytoma
615	TCGA-WY-A85A	0.2219615	1320	0	Low risk	astrocytoma
616	TCGA-WY-A85B	0.5500243	1393	0	Low risk	astrocytoma
617	TCGA-WY-A85C	0.2293982	1426	0	Low risk	astrocytoma
618	TCGA-WY-A85D	0.3270078	1147	0	Low risk	oligoastrocytoma
619	TCGA-WY-A85E	0.2230028	633	0	Low risk	oligoastrocytoma

HIGH-RISK-PATIENTS

	Patient_ID	pi	time	status	group	histological_type
1	TCGA-02-0047	1.593164	448	1	High risk	untreated primary (de novo) gbm
2	TCGA-02-0055	2.603399	76	1	High risk	untreated primary (de novo) gbm
3	TCGA-02-2483	2.801837	466	0	High risk	untreated primary (de novo) gbm
4	TCGA-02-2485	1.752994	470	0	High risk	untreated primary (de novo) gbm
5	TCGA-02-2486	1.838729	618	1	High risk	untreated primary (de novo) gbm

	Patient_ID	pi	time	status	group	histological_type		
6	TCGA-06-0125	1.769980	1448	1	High risk	untreated	primary (de novo)	gbm
7	TCGA-06-0129	2.914174	1024	1	High risk	untreated	primary (de novo)	gbm
8	TCGA-06-0130	4.627432	394	1	High risk	untreated	primary (de novo)	gbm
9	TCGA-06-0132	2.211291	771	1	High risk	untreated	primary (de novo)	gbm
10	TCGA-06-0138	2.779583	737	1	High risk	untreated	primary (de novo)	gbm
11	TCGA-06-0141	2.754650	313	1	High risk	untreated	primary (de novo)	gbm
12	TCGA-06-0157	2.284283	97	1	High risk	untreated	primary (de novo)	gbm
13	TCGA-06-0158	1.777132	329	1	High risk	untreated	primary (de novo)	gbm
14	TCGA-06-0168	2.532243	598	1	High risk	untreated	primary (de novo)	gbm
15	TCGA-06-0174	3.395839	98	1	High risk	untreated	primary (de novo)	gbm
16	TCGA-06-0178	1.769091	2681	1	High risk	untreated	primary (de novo)	gbm
17	TCGA-06-0184	2.312215	2126	1	High risk	untreated	primary (de novo)	gbm
18	TCGA-06-0187	2.028780	828	1	High risk	untreated	primary (de novo)	gbm
19	TCGA-06-0190	2.706151	317	1	High risk	untreated	primary (de novo)	gbm
20	TCGA-06-0210	1.651529	225	1	High risk	untreated	primary (de novo)	gbm
21	TCGA-06-0211	2.383760	360	1	High risk	untreated	primary (de novo)	gbm
22	TCGA-06-0219	4.361325	22	1	High risk	untreated	primary (de novo)	gbm
23	TCGA-06-0238	3.306275	405	1	High risk	untreated	primary (de novo)	gbm
24	TCGA-06-0644	3.898770	384	1	High risk	untreated	primary (de novo)	gbm
25	TCGA-06-0645	2.700191	175	1	High risk	untreated	primary (de novo)	gbm
26	TCGA-06-0646	2.882990	175	1	High risk	untreated	primary (de novo)	gbm
27	TCGA-06-0649	2.289866	64	1	High risk	untreated	primary (de novo)	gbm
28	TCGA-06-0686	3.201316	432	1	High risk	untreated	primary (de novo)	gbm
29	TCGA-06-0743	1.477739	803	1	High risk	untreated	primary (de novo)	gbm
30	TCGA-06-0744	1.522739	1426	1	High risk	untreated	primary (de novo)	gbm
31	TCGA-06-0745	3.323836	239	1	High risk	untreated	primary (de novo)	gbm
33	TCGA-06-0749	1.919562	82	1	High risk	untreated	primary (de novo)	gbm
34	TCGA-06-0750	1.591960	28	1	High risk	untreated	primary (de novo)	gbm
35	TCGA-06-0878	2.034871	218	0	High risk	untreated	primary (de novo)	gbm
37	TCGA-06-1804	1.584564	414	1	High risk	untreated	primary (de novo)	gbm
38	TCGA-06-2557	3.312955	33	1	High risk	untreated	primary (de novo)	gbm
39	TCGA-06-2558	3.274939	380	1	High risk	untreated	primary (de novo)	gbm
40	TCGA-06-2559	3.636161	150	1	High risk	untreated	primary (de novo)	gbm
41	TCGA-06-2561	1.434533	537	1	High risk	untreated	primary (de novo)	gbm
42	TCGA-06-2562	1.486757	382	1	High risk	untreated	primary (de novo)	gbm
43	TCGA-06-2563	1.667736	932	0	High risk	untreated	primary (de novo)	gbm
44	TCGA-06-2564	1.923970	181	0	High risk	untreated	primary (de novo)	gbm
46	TCGA-06-2567	3.805370	133	1	High risk	untreated	primary (de novo)	gbm
47	TCGA-06-2569	2.241457	13	0	High risk	untreated	primary (de novo)	gbm
48	TCGA-06-2570	1.749509	958	0	High risk	untreated	primary (de novo)	gbm
49	TCGA-06-5408	1.810714	357	1	High risk	untreated	primary (de novo)	gbm
50	TCGA-06-5410	4.154903	108	1	High risk	untreated	primary (de novo)	gbm
51	TCGA-06-5411	1.942328	254	1	High risk	untreated	primary (de novo)	gbm
52	TCGA-06-5412	2.169040	138	1	High risk	untreated	primary (de novo)	gbm
53	TCGA-06-5413	3.449337	268	0	High risk	untreated	primary (de novo)	gbm
54	TCGA-06-5414	1.797482	273	0	High risk	untreated	primary (de novo)	gbm
55	TCGA-06-5415	1.789951	260	0	High risk	untreated	primary (de novo)	gbm
56	TCGA-06-5418	1.717389	83	1	High risk	untreated	primary (de novo)	gbm
57	TCGA-06-5856	3.100846	114	1	High risk	untreated	primary (de novo)	gbm
58	TCGA-06-5858	2.203757	187	0	High risk	untreated	primary (de novo)	gbm
59	TCGA-06-5859	3.153114	139	0	High risk	untreated	primary (de novo)	gbm
60	TCGA-08-0386	1.601276	548	1	High risk	untreated	primary (de novo)	gbm

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61	TCGA-12-0616	3.890780	448	1	High risk	untreated	primary (de novo)	gbm
62	TCGA-12-0618	2.493632	395	1	High risk	untreated	primary (de novo)	gbm
63	TCGA-12-0619	3.218179	1062	1	High risk	untreated	primary (de novo)	gbm
64	TCGA-12-0821	2.803339	323	1	High risk	untreated	primary (de novo)	gbm
65	TCGA-12-3650	4.490457	333	1	High risk	untreated	primary (de novo)	gbm
66	TCGA-12-3652	2.297141	1062	1	High risk	untreated	primary (de novo)	gbm
67	TCGA-12-3653	2.349733	442	1	High risk	untreated	primary (de novo)	gbm
68	TCGA-12-5295	3.469302	454	1	High risk	untreated	primary (de novo)	gbm
69	TCGA-12-5299	2.239483	98	1	High risk	untreated	primary (de novo)	gbm
70	TCGA-14-0781	1.751707	29	1	High risk	untreated	primary (de novo)	gbm
71	TCGA-14-0787	1.934833	68	1	High risk	untreated	primary (de novo)	gbm
73	TCGA-14-0790	1.644592	419	1	High risk	untreated	primary (de novo)	gbm
74	TCGA-14-0817	3.513779	164	1	High risk	untreated	primary (de novo)	gbm
75	TCGA-14-1034	2.311164	485	1	High risk	untreated	primary (de novo)	gbm
76	TCGA-14-1823	1.976266	543	1	High risk	untreated	primary (de novo)	gbm
77	TCGA-14-1825	4.119827	232	1	High risk	untreated	primary (de novo)	gbm
78	TCGA-14-1829	2.747756	218	0	High risk	untreated	primary (de novo)	gbm
79	TCGA-14-2554	1.595530	532	1	High risk	untreated	primary (de novo)	gbm
80	TCGA-15-0742	2.093055	419	1	High risk	untreated	primary (de novo)	gbm
81	TCGA-16-0846	1.549099	119	1	High risk	untreated	primary (de novo)	gbm
82	TCGA-16-1045	2.006470	883	1	High risk	untreated	primary (de novo)	gbm
83	TCGA-19-1390	1.832418	772	1	High risk	untreated	primary (de novo)	gbm
84	TCGA-19-2619	1.891510	294	0	High risk	untreated	primary (de novo)	gbm
86	TCGA-19-2624	4.846127	5	1	High risk	untreated	primary (de novo)	gbm
87	TCGA-19-2625	2.093683	124	1	High risk	untreated	primary (de novo)	gbm
88	TCGA-19-2629	2.097419	737	1	High risk	untreated	primary (de novo)	gbm
89	TCGA-19-5960	1.882958	455	1	High risk	untreated	primary (de novo)	gbm
91	TCGA-26-5132	2.424197	286	0	High risk	untreated	primary (de novo)	gbm
93	TCGA-26-5134	3.330770	167	0	High risk	untreated	primary (de novo)	gbm
94	TCGA-26-5135	2.482370	270	1	High risk	untreated	primary (de novo)	gbm
95	TCGA-26-5136	2.761155	577	1	High risk	untreated	primary (de novo)	gbm
96	TCGA-26-5139	1.431834	48	0	High risk	untreated	primary (de novo)	gbm
97	TCGA-27-1830	2.113242	154	1	High risk	untreated	primary (de novo)	gbm
98	TCGA-27-1831	2.706007	505	1	High risk	untreated	primary (de novo)	gbm
99	TCGA-27-1832	3.441397	300	1	High risk	untreated	primary (de novo)	gbm
102	TCGA-27-1837	3.093286	427	1	High risk	untreated	primary (de novo)	gbm
103	TCGA-27-2519	2.167279	550	1	High risk	untreated	primary (de novo)	gbm
104	TCGA-27-2521	1.685153	510	1	High risk	untreated	primary (de novo)	gbm
105	TCGA-27-2523	2.902628	489	1	High risk	untreated	primary (de novo)	gbm
106	TCGA-27-2524	3.663081	231	1	High risk	untreated	primary (de novo)	gbm
108	TCGA-27-2528	2.489601	480	1	High risk	untreated	primary (de novo)	gbm
109	TCGA-28-1747	1.905552	77	1	High risk	untreated	primary (de novo)	gbm
110	TCGA-28-1753	3.578931	37	0	High risk	untreated	primary (de novo)	gbm
111	TCGA-28-2509	2.490796	145	0	High risk	untreated	primary (de novo)	gbm
112	TCGA-28-2513	1.695455	222	0	High risk	untreated	primary (de novo)	gbm
113	TCGA-28-2514	1.997206	160	0	High risk	untreated	primary (de novo)	gbm
114	TCGA-28-5204	2.813888	454	1	High risk	untreated	primary (de novo)	gbm
115	TCGA-28-5207	1.479522	343	1	High risk	untreated	primary (de novo)	gbm
116	TCGA-28-5208	2.573628	544	1	High risk	untreated	primary (de novo)	gbm
117	TCGA-28-5209	2.410853	442	0	High risk	untreated	primary (de novo)	gbm
118	TCGA-28-5213	2.459109	951	0	High risk	untreated	primary (de novo)	gbm
119	TCGA-28-5215	2.561892	335	1	High risk	untreated	primary (de novo)	gbm

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120	TCGA-28-5216	2.113914	415	0	High risk	untreated primary (de novo) gbm
121	TCGA-28-5218	3.346034	157	1	High risk	untreated primary (de novo) gbm
122	TCGA-28-5220	1.940206	388	1	High risk	untreated primary (de novo) gbm
123	TCGA-32-1970	2.153500	468	1	High risk	untreated primary (de novo) gbm
124	TCGA-32-1980	1.995690	36	1	High risk	untreated primary (de novo) gbm
125	TCGA-32-1982	2.095751	142	1	High risk	untreated primary (de novo) gbm
126	TCGA-32-2615	1.754975	485	1	High risk	untreated primary (de novo) gbm
127	TCGA-32-2632	2.570214	269	1	High risk	untreated primary (de novo) gbm
128	TCGA-32-2634	2.284665	693	0	High risk	untreated primary (de novo) gbm
129	TCGA-32-2638	1.658869	766	1	High risk	untreated primary (de novo) gbm
130	TCGA-32-4213	3.087745	604	0	High risk	untreated primary (de novo) gbm
131	TCGA-32-5222	1.864932	585	1	High risk	untreated primary (de novo) gbm
132	TCGA-41-2571	2.087009	26	1	High risk	untreated primary (de novo) gbm
133	TCGA-41-2572	1.863046	406	1	High risk	untreated primary (de novo) gbm
134	TCGA-41-3915	2.032509	360	1	High risk	untreated primary (de novo) gbm
135	TCGA-41-4097	1.534315	6	1	High risk	untreated primary (de novo) gbm
136	TCGA-41-5651	2.546033	460	1	High risk	untreated primary (de novo) gbm
137	TCGA-76-4925	4.258056	146	1	High risk	untreated primary (de novo) gbm
138	TCGA-76-4926	1.772714	138	1	High risk	untreated primary (de novo) gbm
139	TCGA-76-4928	2.862120	94	1	High risk	untreated primary (de novo) gbm
141	TCGA-76-4931	2.314239	279	1	High risk	untreated primary (de novo) gbm
145	TCGA-CS-4943	1.473778	1106	1	High risk	astrocytoma
153	TCGA-CS-6188	1.439811	814	1	High risk	astrocytoma
197	TCGA-DH-A669	2.266370	919	1	High risk	oligodendroglioma
207	TCGA-DU-5847	1.752565	548	0	High risk	astrocytoma
210	TCGA-DU-5852	1.658883	205	1	High risk	oligoastrocytoma
226	TCGA-DU-6402	2.089828	214	1	High risk	astrocytoma
227	TCGA-DU-6403	2.382725	354	1	High risk	oligoastrocytoma
228	TCGA-DU-6405	1.470006	605	1	High risk	astrocytoma
229	TCGA-DU-6406	2.090667	512	1	High risk	oligoastrocytoma
233	TCGA-DU-7006	1.653993	349	1	High risk	astrocytoma
239	TCGA-DU-7012	1.477460	199	1	High risk	astrocytoma
240	TCGA-DU-7013	2.047768	269	1	High risk	astrocytoma
258	TCGA-DU-8165	2.776927	582	0	High risk	oligodendroglioma
263	TCGA-DU-A5TR	1.574091	908	0	High risk	oligoastrocytoma
275	TCGA-DU-A76L	1.938065	814	1	High risk	oligodendroglioma
282	TCGA-DU-A7TD	2.360888	228	1	High risk	oligoastrocytoma
284	TCGA-DU-A7TJ	2.326579	17	0	High risk	astrocytoma
287	TCGA-E1-5304	1.852899	1251	1	High risk	astrocytoma
294	TCGA-E1-A7YD	3.018849	435	1	High risk	astrocytoma
297	TCGA-E1-A7YI	2.078088	111	1	High risk	astrocytoma
300	TCGA-E1-A7YL	2.305912	492	1	High risk	astrocytoma
302	TCGA-E1-A7YN	1.940014	727	1	High risk	astrocytoma
304	TCGA-E1-A7YQ	2.627575	1578	1	High risk	oligodendroglioma
307	TCGA-E1-A7YV	2.457691	987	1	High risk	oligoastrocytoma
339	TCGA-FG-A4MU	1.942434	326	0	High risk	oligoastrocytoma
340	TCGA-FG-A4MW	1.467454	559	1	High risk	oligoastrocytoma
350	TCGA-FG-A70Z	1.936289	328	0	High risk	oligoastrocytoma
354	TCGA-FG-A87N	1.445823	567	0	High risk	astrocytoma
355	TCGA-FG-A87Q	1.430247	174	0	High risk	astrocytoma
356	TCGA-FN-7833	2.025985	837	0	High risk	oligoastrocytoma
366	TCGA-HT-7477	2.058379	738	0	High risk	astrocytoma

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379	TCGA-HT-7606	1.798521	526	0	High risk	astrocytoma
412	TCGA-HT-7882	1.778970	113	1	High risk	oligodendroglioma
416	TCGA-HT-8011	3.436058	494	0	High risk	astrocytoma
420	TCGA-HT-8104	1.601417	372	0	High risk	astrocytoma
422	TCGA-HT-8106	2.378418	3	0	High risk	astrocytoma
425	TCGA-HT-8110	2.221509	419	0	High risk	astrocytoma
435	TCGA-HT-A5RA	2.070807	832	0	High risk	astrocytoma
445	TCGA-HT-A61B	1.618426	533	0	High risk	astrocytoma
446	TCGA-HT-A61C	2.875669	537	1	High risk	oligodendroglioma
469	TCGA-KT-A7W1	2.728562	438	0	High risk	astrocytoma
499	TCGA-QH-A6CV	2.399597	442	0	High risk	oligoastrocytoma
530	TCGA-S9-A6U0	1.633267	742	1	High risk	astrocytoma
544	TCGA-S9-A6WM	1.442643	604	0	High risk	astrocytoma
554	TCGA-S9-A7J0	2.545886	609	0	High risk	oligodendroglioma
610	TCGA-VW-A8FI	2.202006	245	1	High risk	astrocytoma