

PANGLIOMA_2021_ALL

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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 = 0.0592587532990238
```

Table 1: Model coefficients

	coef
DHRS4	-0.0002615
WAPAL	-0.0001439
EIF3L	-0.0000319
SNAP91	-0.0000283
RPL7A	-0.0000186
EEF1A1P9	-0.0000109
RPL13A	-0.0000019
JPH3	-0.0000003
TUBB2B	0.0000184
S100A11	0.0000629
HJURP	0.0001161

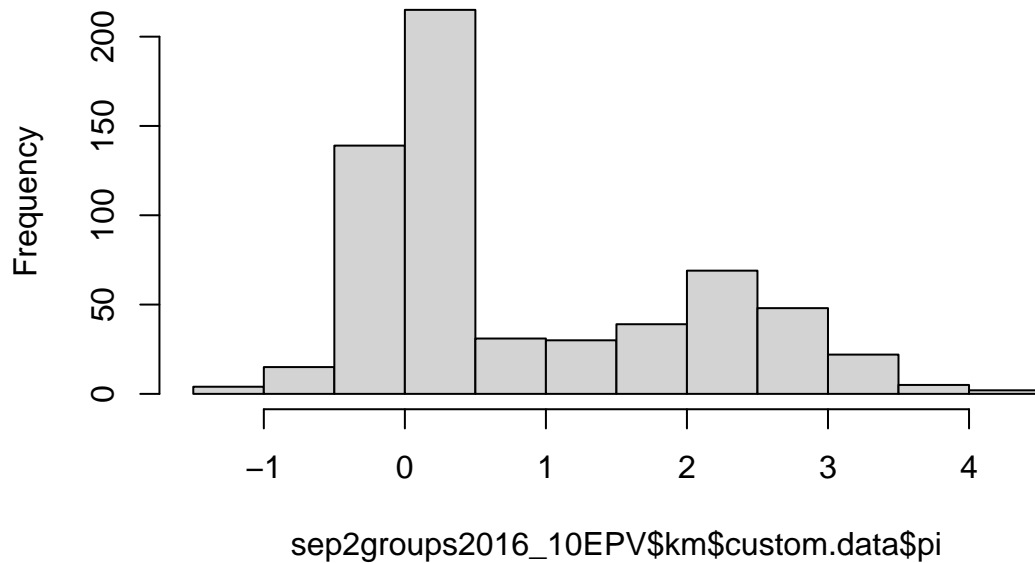
	coef
CPPED1	0.0001172
KIF20A	0.0001208
POM121C	0.0002074
GTF2IRD2	0.0002392
ARHGAP11A	0.0002616
RAB36	0.0002759
POC1A	0.0003248
FAM115C	0.0003424
LRRC61	0.0003618
AURKA	0.0005357
PGCP	0.0011889
SGOL1	0.0030719

Number of variables of final model = 23

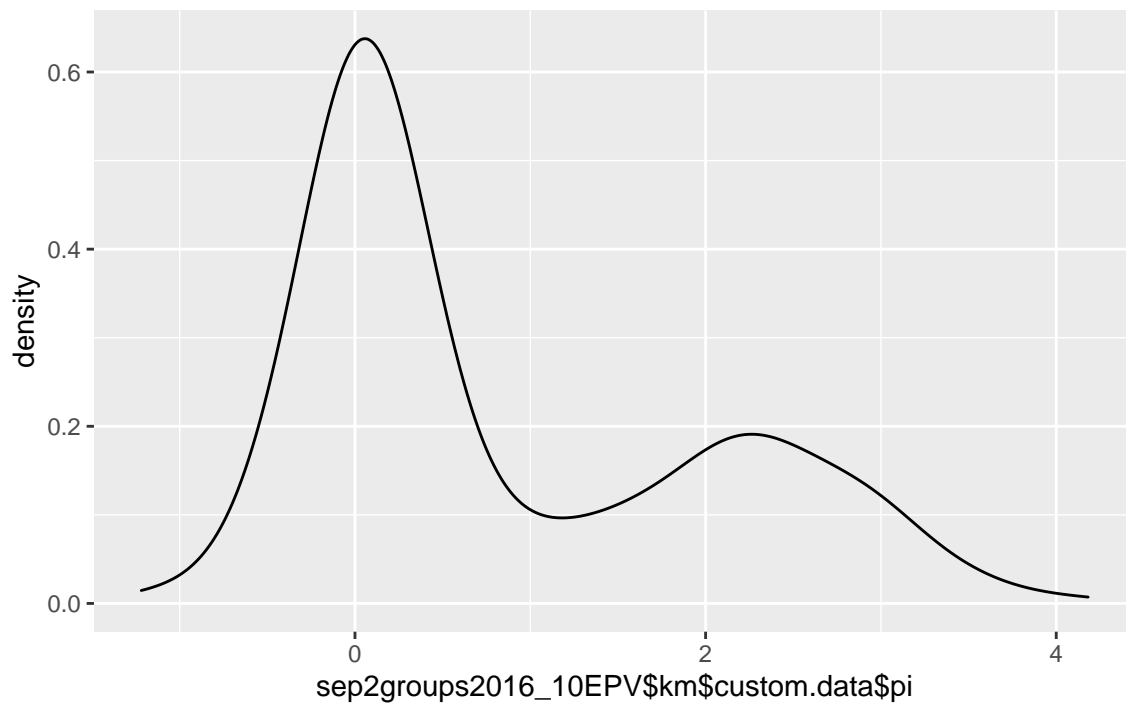
Stratification of patients (High-/Low-risk group)

Prognostic Index (PI) distribution

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

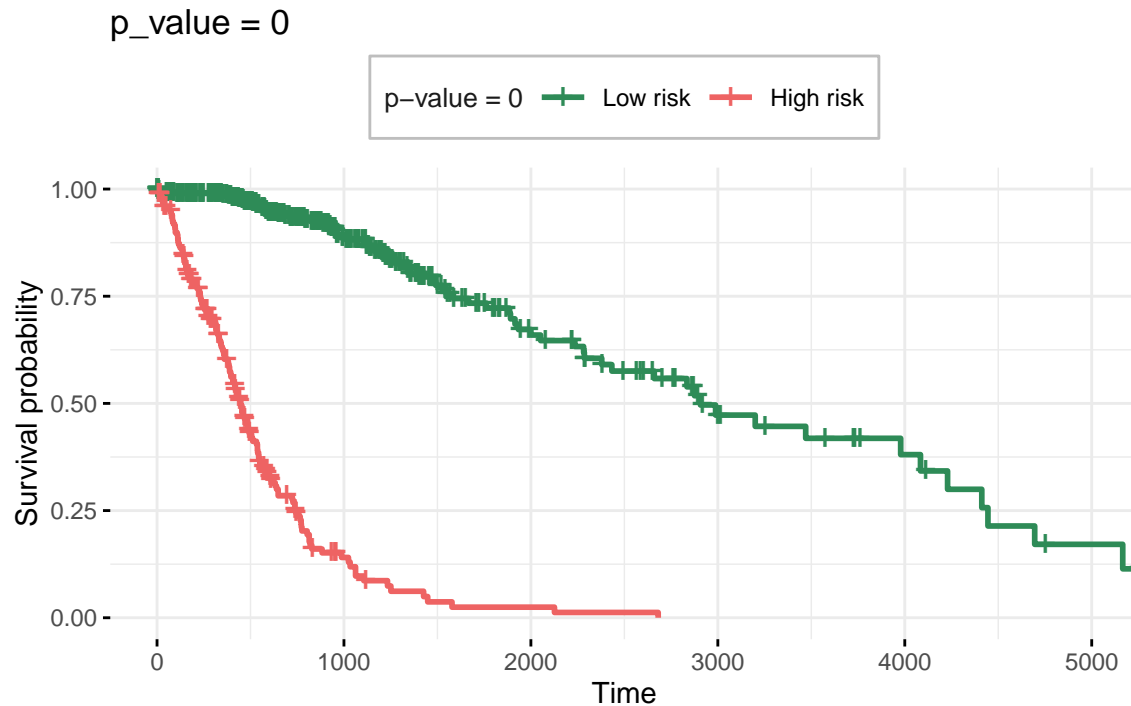


Panglioma: Density of Prognostic Index



semi-automatic calculation of PI threshold

```
## [1] "PI_THRESHOLD = 1.181683"
## [1] "Percentil = 0.6737"
## Call: survfit(formula = survival::Surv(time, status) ~ group, data = prognostic.index.df)
##
##           n events median 0.95LCL 0.95UCL
## Low risk  417     74   2907    2433    4229
## High risk  202    152    448     394     506
```



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: 0.719
## % LGG in Low-risk group: 99.281
## % Astrocytomas in Low-risk group: 32.134
## % oligodendroglioma in Low-risk group: 40.048
```

% MIX_or_oligoastrocytoma in Low-risk group: 27.098

HIGH-RISK GROUP

% GBM in High-risk group: 68.317

% LGG in High-risk group: 31.683

% Astrocytomas in High-risk group: 20.297

% oligodendroglioma in High-risk group: 5.446

% MIX_or_oligoastrocytoma in High-risk group: 5.941

FINAL TABLES

LOW-RISK-PATIENTS

	Patient_ID	pi	time	status	group	histological_type
90	TCGA-26-1442	0.2708520	953	0	Low risk	untreated primary (de novo) gbm
92	TCGA-26-5133	1.0373617	452	0	Low risk	untreated primary (de novo) gbm
104	TCGA-27-2521	1.0023046	510	1	Low risk	untreated primary (de novo) gbm
142	TCGA-CS-4938	-0.0853571	3574	0	Low risk	astrocytoma
144	TCGA-CS-4942	0.1661842	1335	1	Low risk	astrocytoma
146	TCGA-CS-4944	0.1367113	1828	0	Low risk	astrocytoma
147	TCGA-CS-5393	-0.0976602	1222	0	Low risk	astrocytoma
148	TCGA-CS-5394	-0.1777084	8	0	Low risk	astrocytoma
150	TCGA-CS-5396	0.1940056	1631	0	Low risk	oligodendroglioma
154	TCGA-CS-6290	0.1878294	1137	1	Low risk	astrocytoma
155	TCGA-CS-6665	0.6404930	1568	0	Low risk	astrocytoma
156	TCGA-CS-6666	-0.1707970	1428	0	Low risk	astrocytoma
157	TCGA-CS-6667	-0.4437366	1469	0	Low risk	astrocytoma
158	TCGA-CS-6668	-0.2981093	1519	0	Low risk	oligodendroglioma
159	TCGA-CS-6670	-0.0954967	1426	0	Low risk	oligodendroglioma
160	TCGA-DB-5270	0.3578498	3733	0	Low risk	oligoastrocytoma
161	TCGA-DB-5273	0.0870578	2493	0	Low risk	astrocytoma
162	TCGA-DB-5274	-1.2188238	2289	0	Low risk	oligoastrocytoma
163	TCGA-DB-5275	-0.0237980	1458	0	Low risk	oligoastrocytoma
164	TCGA-DB-5276	0.4194528	2218	0	Low risk	oligoastrocytoma
165	TCGA-DB-5277	0.6540035	1547	1	Low risk	astrocytoma
166	TCGA-DB-5278	0.1019725	2772	0	Low risk	oligodendroglioma
167	TCGA-DB-5279	-0.1913597	1354	0	Low risk	oligodendroglioma
168	TCGA-DB-5280	0.0317256	1112	0	Low risk	oligoastrocytoma
169	TCGA-DB-5281	0.2650941	2381	0	Low risk	oligoastrocytoma
170	TCGA-DB-A4X9	0.1723730	1412	0	Low risk	oligoastrocytoma
171	TCGA-DB-A4XA	-0.1487304	573	0	Low risk	oligoastrocytoma
172	TCGA-DB-A4XB	0.1383534	919	0	Low risk	astrocytoma
173	TCGA-DB-A4XC	0.1297181	1421	0	Low risk	oligoastrocytoma
174	TCGA-DB-A4XD	-0.1064345	1210	0	Low risk	astrocytoma
175	TCGA-DB-A4XE	0.4279078	1139	0	Low risk	oligoastrocytoma
176	TCGA-DB-A4XF	0.2455310	1021	0	Low risk	astrocytoma
177	TCGA-DB-A4XG	-0.1450806	2219	0	Low risk	oligodendroglioma
178	TCGA-DB-A4XH	0.1538130	962	0	Low risk	oligoastrocytoma
179	TCGA-DB-A64L	0.0575524	736	0	Low risk	oligodendroglioma
181	TCGA-DB-A64P	0.0483455	916	0	Low risk	oligodendroglioma

	Patient_ID	pi	time	status	group	histological_type
182	TCGA-DB-A64Q	-0.1823322	182	0	Low risk	oligoastrocytoma
183	TCGA-DB-A64R	-0.3438286	955	0	Low risk	oligodendroglioma
184	TCGA-DB-A64S	0.0232820	835	0	Low risk	oligoastrocytoma
185	TCGA-DB-A64U	-0.0127997	846	0	Low risk	oligoastrocytoma
186	TCGA-DB-A64V	0.2596312	889	0	Low risk	oligodendroglioma
187	TCGA-DB-A64W	0.4363077	438	1	Low risk	oligoastrocytoma
188	TCGA-DB-A64X	-0.4420661	563	0	Low risk	astrocytoma
189	TCGA-DB-A75K	0.3120907	368	0	Low risk	oligoastrocytoma
190	TCGA-DB-A75L	0.1681681	342	0	Low risk	astrocytoma
191	TCGA-DB-A75M	0.0763814	544	0	Low risk	astrocytoma
192	TCGA-DB-A75O	0.0211452	935	0	Low risk	astrocytoma
193	TCGA-DH-5141	-0.2851033	968	0	Low risk	oligodendroglioma
194	TCGA-DH-5142	0.2241196	1943	0	Low risk	astrocytoma
195	TCGA-DH-5143	0.0044783	1401	0	Low risk	oligoastrocytoma
196	TCGA-DH-5144	-0.5182473	748	0	Low risk	oligodendroglioma
197	TCGA-DH-A669	0.8884604	919	1	Low risk	oligodendroglioma
198	TCGA-DH-A66B	0.0706565	1279	0	Low risk	astrocytoma
199	TCGA-DH-A66D	0.2464004	846	0	Low risk	astrocytoma
200	TCGA-DH-A66F	-0.2500391	523	0	Low risk	oligodendroglioma
201	TCGA-DH-A66G	0.3806249	523	0	Low risk	oligodendroglioma
202	TCGA-DH-A7UR	0.5638865	1650	0	Low risk	oligodendroglioma
203	TCGA-DH-A7US	0.1300248	706	0	Low risk	oligodendroglioma
204	TCGA-DH-A7UT	0.1368967	531	1	Low risk	astrocytoma
205	TCGA-DH-A7UU	0.4947291	417	0	Low risk	astrocytoma
206	TCGA-DH-A7UV	0.0157961	566	0	Low risk	astrocytoma
208	TCGA-DU-5849	0.1737165	443	0	Low risk	oligodendroglioma
209	TCGA-DU-5851	0.3851066	531	0	Low risk	oligoastrocytoma
211	TCGA-DU-5853	0.1277907	407	0	Low risk	oligoastrocytoma
213	TCGA-DU-5855	-0.1727440	207	0	Low risk	oligoastrocytoma
214	TCGA-DU-5870	-0.0618948	5546	0	Low risk	oligodendroglioma
215	TCGA-DU-5871	-0.1913140	576	0	Low risk	oligoastrocytoma
216	TCGA-DU-5872	0.1076735	532	0	Low risk	oligoastrocytoma
217	TCGA-DU-5874	0.0522758	461	0	Low risk	oligodendroglioma
218	TCGA-DU-6393	0.0889926	1585	1	Low risk	oligodendroglioma
219	TCGA-DU-6394	-0.0397356	682	1	Low risk	oligodendroglioma
220	TCGA-DU-6395	-0.1409111	1491	1	Low risk	oligoastrocytoma
221	TCGA-DU-6396	0.0764923	2286	1	Low risk	oligoastrocytoma
222	TCGA-DU-6397	0.0283478	1401	1	Low risk	oligodendroglioma
223	TCGA-DU-6399	0.0324784	2000	1	Low risk	oligodendroglioma
224	TCGA-DU-6400	-0.2595330	37	1	Low risk	oligodendroglioma
225	TCGA-DU-6401	-0.2262460	2660	1	Low risk	oligodendroglioma
230	TCGA-DU-6407	0.0192961	2875	1	Low risk	oligodendroglioma
231	TCGA-DU-6408	-0.0558851	3470	1	Low risk	oligodendroglioma
232	TCGA-DU-6410	-0.3668076	242	0	Low risk	oligodendroglioma
234	TCGA-DU-7007	0.2012894	1915	1	Low risk	astrocytoma
235	TCGA-DU-7008	0.0658427	4752	0	Low risk	oligodendroglioma
236	TCGA-DU-7009	-0.0484183	4695	1	Low risk	oligodendroglioma
237	TCGA-DU-7010	0.9454283	456	1	Low risk	astrocytoma
238	TCGA-DU-7011	0.1099293	3200	1	Low risk	oligoastrocytoma
241	TCGA-DU-7015	-0.1150802	2761	0	Low risk	oligodendroglioma
242	TCGA-DU-7018	-0.4541606	933	1	Low risk	oligodendroglioma
243	TCGA-DU-7019	-0.0359121	800	0	Low risk	oligoastrocytoma

	Patient_ID	pi	time	status	group	histological_type
245	TCGA-DU-7294	-0.6381156	2869	0	Low risk	oligodendroglioma
246	TCGA-DU-7298	0.6423794	576	1	Low risk	astrocytoma
247	TCGA-DU-7299	0.0317208	1339	1	Low risk	astrocytoma
248	TCGA-DU-7300	0.2135469	1886	1	Low risk	oligodendroglioma
249	TCGA-DU-7301	-0.0799608	788	1	Low risk	oligodendroglioma
250	TCGA-DU-7302	-0.2227357	1834	0	Low risk	oligodendroglioma
251	TCGA-DU-7304	0.3742428	709	1	Low risk	oligoastrocytoma
252	TCGA-DU-7306	-0.0918394	1277	0	Low risk	oligoastrocytoma
253	TCGA-DU-7309	0.1029495	84	0	Low risk	oligodendroglioma
256	TCGA-DU-8163	0.3762653	629	0	Low risk	oligoastrocytoma
257	TCGA-DU-8164	-0.1074156	651	0	Low risk	oligodendroglioma
259	TCGA-DU-8166	-0.0342075	516	0	Low risk	oligoastrocytoma
260	TCGA-DU-8167	-0.0402140	471	0	Low risk	oligoastrocytoma
261	TCGA-DU-8168	0.1938462	431	0	Low risk	oligodendroglioma
262	TCGA-DU-A5TP	0.3342254	1012	0	Low risk	astrocytoma
263	TCGA-DU-A5TR	0.3808572	908	0	Low risk	oligoastrocytoma
264	TCGA-DU-A5TS	-0.2004366	964	0	Low risk	oligodendroglioma
266	TCGA-DU-A5TU	0.1454688	796	0	Low risk	astrocytoma
267	TCGA-DU-A5TW	0.2531860	760	0	Low risk	astrocytoma
269	TCGA-DU-A6S2	0.1776116	777	0	Low risk	oligodendroglioma
270	TCGA-DU-A6S3	-0.3332453	656	0	Low risk	oligodendroglioma
271	TCGA-DU-A6S6	0.0022373	2893	0	Low risk	oligoastrocytoma
272	TCGA-DU-A6S7	0.1500366	638	0	Low risk	astrocytoma
273	TCGA-DU-A6S8	0.0270230	678	0	Low risk	oligodendroglioma
274	TCGA-DU-A76K	1.0943755	347	1	Low risk	oligodendroglioma
276	TCGA-DU-A76O	-0.1722409	522	0	Low risk	astrocytoma
277	TCGA-DU-A76R	0.1469743	648	1	Low risk	oligodendroglioma
278	TCGA-DU-A7T6	0.6633779	547	1	Low risk	oligodendroglioma
279	TCGA-DU-A7T8	-0.1141896	4229	1	Low risk	oligoastrocytoma
280	TCGA-DU-A7TA	0.1094788	2565	0	Low risk	oligodendroglioma
281	TCGA-DU-A7TC	-0.0265185	1137	0	Low risk	astrocytoma
283	TCGA-DU-A7TG	0.4536531	1351	1	Low risk	oligodendroglioma
285	TCGA-E1-5302	1.0415022	1525	1	Low risk	astrocytoma
286	TCGA-E1-5303	0.1995909	2052	1	Low risk	astrocytoma
288	TCGA-E1-5305	0.0329666	2433	1	Low risk	astrocytoma
289	TCGA-E1-5307	-0.3146713	1762	1	Low risk	astrocytoma
290	TCGA-E1-5311	-0.3033679	4084	1	Low risk	oligodendroglioma
291	TCGA-E1-5318	-0.6400024	2379	1	Low risk	oligodendroglioma
292	TCGA-E1-5319	0.1276364	2907	1	Low risk	oligodendroglioma
293	TCGA-E1-5322	-0.0582867	3978	1	Low risk	oligoastrocytoma
295	TCGA-E1-A7YE	0.7306497	886	1	Low risk	astrocytoma
296	TCGA-E1-A7YH	0.2448116	2835	1	Low risk	astrocytoma
298	TCGA-E1-A7YJ	1.1186318	592	1	Low risk	astrocytoma
299	TCGA-E1-A7YK	0.9741915	378	1	Low risk	astrocytoma
303	TCGA-E1-A7YO	0.0811470	2282	1	Low risk	oligodendroglioma
305	TCGA-E1-A7YS	0.3922791	466	1	Low risk	oligodendroglioma
306	TCGA-E1-A7YU	0.0102212	23	1	Low risk	oligoastrocytoma
308	TCGA-E1-A7YW	0.2232070	1120	1	Low risk	oligoastrocytoma
309	TCGA-E1-A7YY	0.4779804	4445	1	Low risk	oligodendroglioma
310	TCGA-E1-A7Z2	1.1517557	398	1	Low risk	oligodendroglioma
311	TCGA-E1-A7Z3	0.4997859	2235	1	Low risk	astrocytoma
312	TCGA-E1-A7Z4	0.0574823	4412	1	Low risk	astrocytoma

	Patient_ID	pi	time	status	group	histological_type
313	TCGA-E1-A7Z6	0.0807768	984	1	Low risk	astrocytoma
314	TCGA-EZ-7264	-0.2330454	1201	0	Low risk	oligodendroglioma
315	TCGA-F6-A8O3	-0.4195634	7	0	Low risk	oligodendroglioma
316	TCGA-F6-A8O4	0.0107641	6	0	Low risk	astrocytoma
317	TCGA-FG-5962	0.0456160	1453	0	Low risk	oligodendroglioma
318	TCGA-FG-5964	0.2799842	1588	0	Low risk	oligodendroglioma
319	TCGA-FG-5965	0.1566761	1120	1	Low risk	oligoastrocytoma
321	TCGA-FG-6689	-0.0347526	454	0	Low risk	astrocytoma
322	TCGA-FG-6690	-0.0020581	1294	0	Low risk	oligodendroglioma
323	TCGA-FG-6691	0.1006885	1257	0	Low risk	astrocytoma
325	TCGA-FG-7634	0.4638611	467	0	Low risk	oligodendroglioma
326	TCGA-FG-7636	-0.5460018	544	0	Low risk	astrocytoma
327	TCGA-FG-7637	-0.5982247	1219	0	Low risk	oligoastrocytoma
328	TCGA-FG-7638	-0.1995515	686	0	Low risk	oligodendroglioma
329	TCGA-FG-7641	0.0335535	627	0	Low risk	oligodendroglioma
330	TCGA-FG-7643	1.0216839	611	0	Low risk	oligoastrocytoma
331	TCGA-FG-8182	0.1076374	416	0	Low risk	oligodendroglioma
332	TCGA-FG-8185	-0.6893414	433	0	Low risk	astrocytoma
333	TCGA-FG-8186	0.2972237	487	0	Low risk	oligoastrocytoma
334	TCGA-FG-8187	0.5650585	611	0	Low risk	oligoastrocytoma
335	TCGA-FG-8188	-0.0115313	455	0	Low risk	oligoastrocytoma
336	TCGA-FG-8189	0.3011069	685	0	Low risk	oligodendroglioma
337	TCGA-FG-8191	-0.0929104	992	0	Low risk	oligodendroglioma
338	TCGA-FG-A4MT	-0.3982017	1164	0	Low risk	oligodendroglioma
340	TCGA-FG-A4MW	1.1733094	559	1	Low risk	oligoastrocytoma
341	TCGA-FG-A4MX	0.0003222	569	0	Low risk	astrocytoma
342	TCGA-FG-A4MY	0.0917435	721	0	Low risk	oligoastrocytoma
343	TCGA-FG-A60J	-0.0118384	449	0	Low risk	oligoastrocytoma
344	TCGA-FG-A60K	-0.3294111	542	0	Low risk	oligoastrocytoma
345	TCGA-FG-A60L	-0.4574847	655	0	Low risk	astrocytoma
346	TCGA-FG-A6IZ	-1.2041266	457	0	Low risk	oligodendroglioma
347	TCGA-FG-A6J1	-1.0539686	500	0	Low risk	oligodendroglioma
348	TCGA-FG-A6J3	0.3279609	677	0	Low risk	astrocytoma
349	TCGA-FG-A70Y	0.0313231	868	0	Low risk	oligodendroglioma
351	TCGA-FG-A710	0.1634606	1115	0	Low risk	oligodendroglioma
352	TCGA-FG-A711	-0.0849575	1481	1	Low risk	oligodendroglioma
353	TCGA-FG-A713	0.2795373	622	0	Low risk	oligoastrocytoma
354	TCGA-FG-A87N	0.5320512	567	0	Low risk	astrocytoma
356	TCGA-FN-7833	0.6413152	837	0	Low risk	oligoastrocytoma
357	TCGA-HT-7467	0.7714763	3	0	Low risk	oligodendroglioma
358	TCGA-HT-7468	-0.2081477	203	0	Low risk	oligodendroglioma
359	TCGA-HT-7470	0.3078974	1220	1	Low risk	oligodendroglioma
360	TCGA-HT-7471	0.4479280	4	0	Low risk	oligodendroglioma
361	TCGA-HT-7472	0.0106256	1	0	Low risk	oligodendroglioma
362	TCGA-HT-7473	0.3011456	503	0	Low risk	oligoastrocytoma
363	TCGA-HT-7474	0.2394556	114	0	Low risk	oligoastrocytoma
364	TCGA-HT-7475	0.1260771	530	0	Low risk	oligoastrocytoma
365	TCGA-HT-7476	0.2506107	199	0	Low risk	astrocytoma
367	TCGA-HT-7478	-0.1150115	194	0	Low risk	astrocytoma
368	TCGA-HT-7479	0.4165280	1227	0	Low risk	astrocytoma
369	TCGA-HT-7480	-0.2174002	2287	0	Low risk	oligodendroglioma
370	TCGA-HT-7481	0.5230205	2918	0	Low risk	oligodendroglioma

	Patient_ID	pi	time	status	group	histological_type
371	TCGA-HT-7482	0.0499360	3253	0	Low risk	oligoastrocytoma
372	TCGA-HT-7483	-0.1789499	5255	0	Low risk	oligoastrocytoma
373	TCGA-HT-7485	-0.0357928	122	0	Low risk	astrocytoma
374	TCGA-HT-7601	0.5917405	153	0	Low risk	astrocytoma
375	TCGA-HT-7602	0.5624313	908	0	Low risk	oligodendroglioma
376	TCGA-HT-7603	-0.1981992	705	0	Low risk	oligodendroglioma
377	TCGA-HT-7604	-0.1210510	3725	0	Low risk	astrocytoma
378	TCGA-HT-7605	0.0259606	139	0	Low risk	oligodendroglioma
379	TCGA-HT-7606	0.9183349	526	0	Low risk	astrocytoma
380	TCGA-HT-7607	0.3706788	96	1	Low risk	astrocytoma
381	TCGA-HT-7608	0.0450067	671	0	Low risk	oligoastrocytoma
382	TCGA-HT-7609	-0.5400212	1399	0	Low risk	oligoastrocytoma
383	TCGA-HT-7610	0.0073608	1706	0	Low risk	oligoastrocytoma
384	TCGA-HT-7611	-0.0521534	1752	0	Low risk	oligoastrocytoma
385	TCGA-HT-7616	0.2876708	7	1	Low risk	oligodendroglioma
386	TCGA-HT-7620	0.8345490	434	0	Low risk	oligodendroglioma
387	TCGA-HT-7676	-0.2108816	5	0	Low risk	oligodendroglioma
388	TCGA-HT-7677	-0.1489414	494	0	Low risk	oligodendroglioma
389	TCGA-HT-7681	-0.0487027	1359	0	Low risk	oligoastrocytoma
390	TCGA-HT-7684	-0.1363662	184	0	Low risk	oligoastrocytoma
391	TCGA-HT-7686	0.1171147	1300	0	Low risk	astrocytoma
392	TCGA-HT-7687	0.0133686	3	0	Low risk	oligodendroglioma
393	TCGA-HT-7688	0.1729402	964	0	Low risk	oligodendroglioma
394	TCGA-HT-7689	0.1880521	455	0	Low risk	oligodendroglioma
395	TCGA-HT-7690	0.5827952	3	0	Low risk	oligoastrocytoma
396	TCGA-HT-7692	-0.0910560	90	0	Low risk	oligoastrocytoma
397	TCGA-HT-7693	0.4832090	533	0	Low risk	oligodendroglioma
398	TCGA-HT-7694	0.3268161	210	0	Low risk	oligodendroglioma
399	TCGA-HT-7695	0.1099812	442	0	Low risk	oligodendroglioma
400	TCGA-HT-7854	0.9217081	1201	0	Low risk	astrocytoma
401	TCGA-HT-7855	-0.2117796	585	0	Low risk	astrocytoma
402	TCGA-HT-7856	0.4919646	1189	0	Low risk	oligodendroglioma
403	TCGA-HT-7858	0.1576130	1540	0	Low risk	astrocytoma
405	TCGA-HT-7873	-0.0755785	718	0	Low risk	oligoastrocytoma
406	TCGA-HT-7874	0.2806284	1130	0	Low risk	oligodendroglioma
407	TCGA-HT-7875	-0.2787512	10	0	Low risk	oligodendroglioma
408	TCGA-HT-7877	0.0275511	4	0	Low risk	oligodendroglioma
409	TCGA-HT-7879	-0.0293633	112	0	Low risk	oligoastrocytoma
410	TCGA-HT-7880	0.5386580	162	0	Low risk	oligoastrocytoma
411	TCGA-HT-7881	0.4921369	1079	0	Low risk	oligodendroglioma
413	TCGA-HT-7884	0.0246280	343	0	Low risk	astrocytoma
414	TCGA-HT-7902	0.8400602	956	0	Low risk	oligoastrocytoma
415	TCGA-HT-8010	0.3399544	50	0	Low risk	oligodendroglioma
417	TCGA-HT-8012	-0.1629737	286	0	Low risk	oligodendroglioma
418	TCGA-HT-8013	0.4342613	1933	1	Low risk	oligoastrocytoma
419	TCGA-HT-8018	0.7497004	1152	1	Low risk	oligoastrocytoma
421	TCGA-HT-8105	-0.0737970	190	0	Low risk	oligodendroglioma
422	TCGA-HT-8106	0.9870634	3	0	Low risk	astrocytoma
423	TCGA-HT-8108	0.1635956	76	0	Low risk	oligodendroglioma
424	TCGA-HT-8109	0.1564542	169	0	Low risk	oligodendroglioma
426	TCGA-HT-8111	0.3998131	7	0	Low risk	oligoastrocytoma
427	TCGA-HT-8113	0.2957349	900	0	Low risk	oligodendroglioma

	Patient_ID	pi	time	status	group	histological_type
428	TCGA-HT-8114	0.0218714	1040	0	Low risk	oligoastrocytoma
429	TCGA-HT-8563	1.0598083	860	0	Low risk	astrocytoma
430	TCGA-HT-A4DS	1.0909148	7	0	Low risk	astrocytoma
431	TCGA-HT-A4DV	0.2072471	792	0	Low risk	oligodendroglioma
432	TCGA-HT-A5R5	0.5717645	4	0	Low risk	oligodendroglioma
433	TCGA-HT-A5R7	0.3569423	615	0	Low risk	astrocytoma
434	TCGA-HT-A5R9	0.0989858	2	0	Low risk	oligodendroglioma
436	TCGA-HT-A5RB	-0.0694665	3	0	Low risk	astrocytoma
438	TCGA-HT-A614	0.1619545	82	0	Low risk	oligoastrocytoma
439	TCGA-HT-A615	-0.1233326	515	0	Low risk	oligodendroglioma
440	TCGA-HT-A616	-0.0169845	55	0	Low risk	astrocytoma
442	TCGA-HT-A618	0.2713286	512	0	Low risk	astrocytoma
443	TCGA-HT-A619	-0.5502843	651	0	Low risk	oligodendroglioma
444	TCGA-HT-A61A	0.3706548	194	0	Low risk	oligodendroglioma
445	TCGA-HT-A61B	0.4907970	533	0	Low risk	astrocytoma
448	TCGA-HT-A74J	0.1880347	320	0	Low risk	oligoastrocytoma
449	TCGA-HT-A74K	-0.2704357	467	0	Low risk	oligodendroglioma
450	TCGA-HT-A74L	-0.0121190	336	0	Low risk	oligoastrocytoma
451	TCGA-HT-A74O	-0.1764315	3	0	Low risk	astrocytoma
452	TCGA-HW-7486	0.5582171	1721	0	Low risk	oligodendroglioma
453	TCGA-HW-7487	-0.1156107	1382	0	Low risk	oligodendroglioma
454	TCGA-HW-7489	0.0387189	1262	1	Low risk	oligoastrocytoma
455	TCGA-HW-7490	-0.2366758	1387	0	Low risk	astrocytoma
456	TCGA-HW-7491	-0.3284325	2078	0	Low risk	oligodendroglioma
457	TCGA-HW-7495	0.0839317	1078	0	Low risk	oligodendroglioma
458	TCGA-HW-8319	-0.0218218	1209	1	Low risk	astrocytoma
459	TCGA-HW-8320	-0.3086271	1217	0	Low risk	astrocytoma
460	TCGA-HW-8321	-0.2153524	1294	0	Low risk	astrocytoma
461	TCGA-HW-8322	-0.1239525	758	0	Low risk	oligodendroglioma
462	TCGA-HW-A5KJ	-0.4931656	962	1	Low risk	oligodendroglioma
464	TCGA-HW-A5KL	-0.1061943	878	0	Low risk	astrocytoma
465	TCGA-HW-A5KM	0.2173381	630	0	Low risk	astrocytoma
466	TCGA-IK-7675	0.3061907	578	1	Low risk	oligodendroglioma
467	TCGA-IK-8125	-0.0750873	1301	0	Low risk	oligoastrocytoma
468	TCGA-KT-A74X	0.0222202	438	0	Low risk	oligoastrocytoma
470	TCGA-P5-A5EV	-0.0706213	7	0	Low risk	astrocytoma
471	TCGA-P5-A5EW	0.0251058	204	0	Low risk	astrocytoma
472	TCGA-P5-A5EX	0.4854292	243	0	Low risk	oligodendroglioma
473	TCGA-P5-A5EZ	0.4977913	70	0	Low risk	astrocytoma
474	TCGA-P5-A5F0	0.1354174	287	0	Low risk	oligodendroglioma
475	TCGA-P5-A5F1	0.0880583	179	0	Low risk	astrocytoma
476	TCGA-P5-A5F2	0.0756444	242	0	Low risk	astrocytoma
477	TCGA-P5-A5F4	0.1827743	231	0	Low risk	oligodendroglioma
479	TCGA-P5-A72W	-0.7834100	317	0	Low risk	astrocytoma
480	TCGA-P5-A72X	0.1608032	403	0	Low risk	astrocytoma
481	TCGA-P5-A72Z	0.0464269	354	0	Low risk	oligodendroglioma
482	TCGA-P5-A730	-0.1022611	333	0	Low risk	oligoastrocytoma
483	TCGA-P5-A731	0.2852778	274	0	Low risk	oligoastrocytoma
484	TCGA-P5-A733	0.1604241	414	0	Low risk	astrocytoma
485	TCGA-P5-A735	-0.3538622	292	0	Low risk	astrocytoma
486	TCGA-P5-A736	0.2100388	230	0	Low risk	astrocytoma
487	TCGA-P5-A737	-0.3211661	372	0	Low risk	oligoastrocytoma

	Patient_ID	pi	time	status	group	histological_type
488	TCGA-P5-A77W	-1.0976928	584	0	Low risk	oligoastrocytoma
489	TCGA-P5-A77X	-0.0214749	105	0	Low risk	oligoastrocytoma
490	TCGA-P5-A780	-0.0534634	72	0	Low risk	astrocytoma
491	TCGA-P5-A781	0.0099687	134	0	Low risk	astrocytoma
492	TCGA-QH-A65R	-0.4836344	461	0	Low risk	oligodendroglioma
493	TCGA-QH-A65S	0.0841716	77	0	Low risk	oligoastrocytoma
494	TCGA-QH-A65V	0.0388293	384	0	Low risk	oligodendroglioma
495	TCGA-QH-A65X	-0.9581084	482	0	Low risk	oligoastrocytoma
496	TCGA-QH-A65Z	-0.2815475	427	0	Low risk	oligodendroglioma
498	TCGA-QH-A6CU	0.3228532	451	0	Low risk	oligodendroglioma
500	TCGA-QH-A6CW	-0.0363603	414	0	Low risk	oligoastrocytoma
501	TCGA-QH-A6CY	0.0339298	408	0	Low risk	oligoastrocytoma
502	TCGA-QH-A6CZ	-0.2226347	279	0	Low risk	oligoastrocytoma
503	TCGA-QH-A6X3	0.1270107	313	0	Low risk	oligoastrocytoma
504	TCGA-QH-A6X4	-0.0249490	442	0	Low risk	oligoastrocytoma
505	TCGA-QH-A6X5	0.0148169	497	0	Low risk	oligoastrocytoma
506	TCGA-QH-A6X8	0.1630557	509	0	Low risk	oligodendroglioma
507	TCGA-QH-A6X9	0.1951257	58	0	Low risk	oligodendroglioma
508	TCGA-QH-A6XA	0.0103284	502	0	Low risk	oligoastrocytoma
509	TCGA-QH-A6XC	1.1013091	508	0	Low risk	astrocytoma
510	TCGA-QH-A86X	-0.0068592	337	0	Low risk	oligodendroglioma
511	TCGA-QH-A870	0.2033474	395	0	Low risk	oligoastrocytoma
512	TCGA-R8-A6MK	0.0702100	2702	0	Low risk	oligodendroglioma
513	TCGA-R8-A6ML	-0.2810441	2860	0	Low risk	oligodendroglioma
514	TCGA-R8-A6MO	0.0917981	993	0	Low risk	oligodendroglioma
515	TCGA-R8-A73M	-0.5406810	1806	0	Low risk	oligodendroglioma
516	TCGA-RY-A83X	0.1089130	939	0	Low risk	oligodendroglioma
517	TCGA-RY-A83Y	0.0813869	166	0	Low risk	oligodendroglioma
518	TCGA-RY-A83Z	0.0305905	301	0	Low risk	astrocytoma
519	TCGA-RY-A840	-0.1879231	854	0	Low risk	oligodendroglioma
520	TCGA-RY-A843	0.2699302	63	0	Low risk	astrocytoma
521	TCGA-RY-A845	-0.1022929	596	0	Low risk	oligoastrocytoma
522	TCGA-RY-A847	-0.1099122	933	0	Low risk	oligodendroglioma
523	TCGA-S9-A6TS	0.0925767	1891	1	Low risk	astrocytoma
524	TCGA-S9-A6TU	0.0557314	2650	0	Low risk	astrocytoma
525	TCGA-S9-A6TV	0.5927008	571	0	Low risk	oligoastrocytoma
526	TCGA-S9-A6TW	-0.4780173	1250	0	Low risk	oligodendroglioma
527	TCGA-S9-A6TX	0.0099491	1245	0	Low risk	oligodendroglioma
528	TCGA-S9-A6TY	0.0116720	1076	0	Low risk	oligodendroglioma
529	TCGA-S9-A6TZ	-0.1029602	1120	0	Low risk	astrocytoma
531	TCGA-S9-A6U1	0.2587103	785	0	Low risk	astrocytoma
532	TCGA-S9-A6U2	0.0078805	908	0	Low risk	oligodendroglioma
533	TCGA-S9-A6U5	-0.1518391	992	0	Low risk	astrocytoma
534	TCGA-S9-A6U6	0.0188381	1069	0	Low risk	astrocytoma
535	TCGA-S9-A6U8	0.2500556	2988	1	Low risk	astrocytoma
536	TCGA-S9-A6U9	0.0779070	2918	0	Low risk	astrocytoma
537	TCGA-S9-A6UB	-0.2513854	3761	0	Low risk	oligodendroglioma
538	TCGA-S9-A6WD	-0.0465734	2289	0	Low risk	oligodendroglioma
539	TCGA-S9-A6WE	-0.3290709	4113	0	Low risk	oligodendroglioma
540	TCGA-S9-A6WG	1.0869865	2602	0	Low risk	astrocytoma
541	TCGA-S9-A6WH	-0.4356182	1173	0	Low risk	oligoastrocytoma
542	TCGA-S9-A6WI	0.3948987	2585	0	Low risk	oligoastrocytoma

	Patient_ID	pi	time	status	group	histological_type
543	TCGA-S9-A6WL	0.3301072	946	0	Low risk	astrocytoma
545	TCGA-S9-A6WN	0.4028108	805	0	Low risk	astrocytoma
546	TCGA-S9-A6WO	-0.1999234	566	0	Low risk	astrocytoma
547	TCGA-S9-A6WP	0.0916548	567	0	Low risk	oligoastrocytoma
548	TCGA-S9-A6WQ	0.1932571	428	0	Low risk	oligoastrocytoma
549	TCGA-S9-A7IQ	0.1625831	1099	0	Low risk	oligoastrocytoma
552	TCGA-S9-A7IY	-0.0171676	715	0	Low risk	oligoastrocytoma
553	TCGA-S9-A7IZ	0.2963109	608	0	Low risk	astrocytoma
555	TCGA-S9-A7J1	0.1564326	249	0	Low risk	oligodendroglioma
556	TCGA-S9-A7J2	-0.1992064	62	0	Low risk	oligodendroglioma
557	TCGA-S9-A7J3	0.0722036	629	0	Low risk	oligodendroglioma
558	TCGA-S9-A7QW	-0.1599166	458	0	Low risk	astrocytoma
559	TCGA-S9-A7QX	-0.2692422	564	0	Low risk	astrocytoma
560	TCGA-S9-A7QY	0.1457537	863	0	Low risk	oligoastrocytoma
561	TCGA-S9-A7QZ	-0.0664435	826	0	Low risk	oligodendroglioma
562	TCGA-S9-A7R1	-0.3510844	5166	1	Low risk	oligodendroglioma
564	TCGA-S9-A7R3	0.1758899	3013	0	Low risk	astrocytoma
565	TCGA-S9-A7R4	0.0032057	914	0	Low risk	astrocytoma
566	TCGA-S9-A7R7	0.5419329	3000	0	Low risk	astrocytoma
567	TCGA-S9-A7R8	0.0162937	961	1	Low risk	astrocytoma
568	TCGA-S9-A89Z	0.5240570	623	0	Low risk	astrocytoma
569	TCGA-TM-A7C3	1.0545886	1666	1	Low risk	astrocytoma
570	TCGA-TM-A7C4	0.0800416	1470	0	Low risk	astrocytoma
571	TCGA-TM-A7C5	-0.6172695	1500	0	Low risk	oligoastrocytoma
572	TCGA-TM-A7CA	-0.0200978	1058	0	Low risk	astrocytoma
573	TCGA-TM-A7CF	0.1273655	1989	0	Low risk	astrocytoma
575	TCGA-TM-A84F	0.3540410	1796	0	Low risk	astrocytoma
576	TCGA-TM-A84G	-0.1708860	1236	0	Low risk	oligodendroglioma
577	TCGA-TM-A84H	0.3392550	926	0	Low risk	oligoastrocytoma
578	TCGA-TM-A84I	0.7730033	854	0	Low risk	astrocytoma
579	TCGA-TM-A84L	0.1643479	1242	1	Low risk	oligoastrocytoma
580	TCGA-TM-A84M	0.1912450	754	0	Low risk	oligodendroglioma
581	TCGA-TM-A84O	0.0482254	1011	1	Low risk	oligodendroglioma
582	TCGA-TM-A84Q	-0.1484877	772	0	Low risk	astrocytoma
583	TCGA-TM-A84R	0.3431349	566	0	Low risk	oligodendroglioma
584	TCGA-TM-A84S	0.0636510	454	0	Low risk	oligodendroglioma
585	TCGA-TM-A84T	-0.5218642	724	0	Low risk	oligoastrocytoma
586	TCGA-TQ-A7RF	-0.0337615	650	0	Low risk	oligodendroglioma
587	TCGA-TQ-A7RG	-0.1110192	599	0	Low risk	oligoastrocytoma
588	TCGA-TQ-A7RH	0.2495260	486	0	Low risk	oligoastrocytoma
589	TCGA-TQ-A7RI	0.3037569	62	0	Low risk	oligodendroglioma
590	TCGA-TQ-A7RJ	0.3097520	1229	0	Low risk	oligoastrocytoma
591	TCGA-TQ-A7RK	0.2335563	1341	0	Low risk	oligoastrocytoma
593	TCGA-TQ-A7RN	-0.0251811	1026	0	Low risk	oligodendroglioma
594	TCGA-TQ-A7RO	0.1149057	949	0	Low risk	oligoastrocytoma
595	TCGA-TQ-A7RQ	-0.4270979	795	0	Low risk	oligodendroglioma
596	TCGA-TQ-A7RR	0.0446645	787	0	Low risk	oligoastrocytoma
597	TCGA-TQ-A7RU	-0.2205025	1032	0	Low risk	oligodendroglioma
598	TCGA-TQ-A7RV	-0.0355372	1868	0	Low risk	astrocytoma
599	TCGA-TQ-A7RW	0.1602908	821	1	Low risk	oligodendroglioma
600	TCGA-TQ-A8XE	-0.2726010	954	1	Low risk	oligodendroglioma
601	TCGA-VM-A8C8	0.2237523	1397	0	Low risk	oligodendroglioma

	Patient_ID	pi	time	status	group	histological_type
602	TCGA-VM-A8CA	0.1151192	411	0	Low risk	oligodendroglioma
603	TCGA-VM-A8CB	-0.5208876	3	0	Low risk	oligodendroglioma
604	TCGA-VM-A8CE	0.2176557	1191	0	Low risk	oligodendroglioma
605	TCGA-VM-A8CF	0.1126649	609	0	Low risk	astrocytoma
606	TCGA-VM-A8CH	0.0964596	714	0	Low risk	astrocytoma
607	TCGA-VV-A829	-0.4583154	1127	0	Low risk	oligoastrocytoma
608	TCGA-VV-A86M	-0.5532844	487	0	Low risk	astrocytoma
609	TCGA-VW-A7QS	0.6313588	706	0	Low risk	oligodendroglioma
611	TCGA-W9-A837	-0.1382309	1553	0	Low risk	oligodendroglioma
612	TCGA-WH-A86K	-0.2452633	405	0	Low risk	astrocytoma
613	TCGA-WY-A858	0.3695327	1337	0	Low risk	astrocytoma
614	TCGA-WY-A859	0.2686092	1213	0	Low risk	astrocytoma
615	TCGA-WY-A85A	-0.2388077	1320	0	Low risk	astrocytoma
616	TCGA-WY-A85B	0.1422798	1393	0	Low risk	astrocytoma
617	TCGA-WY-A85C	-0.2744663	1426	0	Low risk	astrocytoma
618	TCGA-WY-A85D	-0.0134082	1147	0	Low risk	oligoastrocytoma
619	TCGA-WY-A85E	-0.4144264	633	0	Low risk	oligoastrocytoma

HIGH-RISK-PATIENTS

	Patient_ID	pi	time	status	group	histological_type
1	TCGA-02-0047	1.454196	448	1	High risk	untreated primary (de novo) gbm
2	TCGA-02-0055	3.632576	76	1	High risk	untreated primary (de novo) gbm
3	TCGA-02-2483	1.907440	466	0	High risk	untreated primary (de novo) gbm
4	TCGA-02-2485	2.213962	470	0	High risk	untreated primary (de novo) gbm
5	TCGA-02-2486	3.449109	618	1	High risk	untreated primary (de novo) gbm
6	TCGA-06-0125	2.122996	1448	1	High risk	untreated primary (de novo) gbm
7	TCGA-06-0129	2.221911	1024	1	High risk	untreated primary (de novo) gbm
8	TCGA-06-0130	3.121497	394	1	High risk	untreated primary (de novo) gbm
9	TCGA-06-0132	2.093162	771	1	High risk	untreated primary (de novo) gbm
10	TCGA-06-0138	2.382044	737	1	High risk	untreated primary (de novo) gbm
11	TCGA-06-0141	2.904736	313	1	High risk	untreated primary (de novo) gbm
12	TCGA-06-0157	2.471935	97	1	High risk	untreated primary (de novo) gbm
13	TCGA-06-0158	2.810021	329	1	High risk	untreated primary (de novo) gbm
14	TCGA-06-0168	2.324671	598	1	High risk	untreated primary (de novo) gbm
15	TCGA-06-0174	2.793606	98	1	High risk	untreated primary (de novo) gbm
16	TCGA-06-0178	1.316139	2681	1	High risk	untreated primary (de novo) gbm
17	TCGA-06-0184	1.948885	2126	1	High risk	untreated primary (de novo) gbm
18	TCGA-06-0187	2.546240	828	1	High risk	untreated primary (de novo) gbm
19	TCGA-06-0190	3.057684	317	1	High risk	untreated primary (de novo) gbm
20	TCGA-06-0210	2.986080	225	1	High risk	untreated primary (de novo) gbm
21	TCGA-06-0211	2.102271	360	1	High risk	untreated primary (de novo) gbm
22	TCGA-06-0219	4.181697	22	1	High risk	untreated primary (de novo) gbm
23	TCGA-06-0238	2.272392	405	1	High risk	untreated primary (de novo) gbm
24	TCGA-06-0644	3.873245	384	1	High risk	untreated primary (de novo) gbm
25	TCGA-06-0645	2.337779	175	1	High risk	untreated primary (de novo) gbm
26	TCGA-06-0646	2.906236	175	1	High risk	untreated primary (de novo) gbm
27	TCGA-06-0649	2.269106	64	1	High risk	untreated primary (de novo) gbm
28	TCGA-06-0686	3.132081	432	1	High risk	untreated primary (de novo) gbm
29	TCGA-06-0743	2.155963	803	1	High risk	untreated primary (de novo) gbm
30	TCGA-06-0744	1.685088	1426	1	High risk	untreated primary (de novo) gbm
31	TCGA-06-0745	3.468170	239	1	High risk	untreated primary (de novo) gbm

	Patient_ID	pi	time	status	group	histological_type
32	TCGA-06-0747	2.862697	82	1	High risk	untreated primary (de novo) gbm
33	TCGA-06-0749	2.826052	82	1	High risk	untreated primary (de novo) gbm
34	TCGA-06-0750	2.933993	28	1	High risk	untreated primary (de novo) gbm
35	TCGA-06-0878	2.992722	218	0	High risk	untreated primary (de novo) gbm
36	TCGA-06-0882	2.631700	632	1	High risk	untreated primary (de novo) gbm
37	TCGA-06-1804	2.109645	414	1	High risk	untreated primary (de novo) gbm
38	TCGA-06-2557	2.893728	33	1	High risk	untreated primary (de novo) gbm
39	TCGA-06-2558	2.580596	380	1	High risk	untreated primary (de novo) gbm
40	TCGA-06-2559	2.955459	150	1	High risk	untreated primary (de novo) gbm
41	TCGA-06-2561	2.337763	537	1	High risk	untreated primary (de novo) gbm
42	TCGA-06-2562	2.712534	382	1	High risk	untreated primary (de novo) gbm
43	TCGA-06-2563	1.939691	932	0	High risk	untreated primary (de novo) gbm
44	TCGA-06-2564	2.467110	181	0	High risk	untreated primary (de novo) gbm
45	TCGA-06-2565	1.792420	506	1	High risk	untreated primary (de novo) gbm
46	TCGA-06-2567	2.584742	133	1	High risk	untreated primary (de novo) gbm
47	TCGA-06-2569	2.153275	13	0	High risk	untreated primary (de novo) gbm
48	TCGA-06-2570	1.397067	958	0	High risk	untreated primary (de novo) gbm
49	TCGA-06-5408	2.642369	357	1	High risk	untreated primary (de novo) gbm
50	TCGA-06-5410	3.273931	108	1	High risk	untreated primary (de novo) gbm
51	TCGA-06-5411	2.033148	254	1	High risk	untreated primary (de novo) gbm
52	TCGA-06-5412	3.248827	138	1	High risk	untreated primary (de novo) gbm
53	TCGA-06-5413	3.321724	268	0	High risk	untreated primary (de novo) gbm
54	TCGA-06-5414	1.921754	273	0	High risk	untreated primary (de novo) gbm
55	TCGA-06-5415	2.114975	260	0	High risk	untreated primary (de novo) gbm
56	TCGA-06-5418	2.522103	83	1	High risk	untreated primary (de novo) gbm
57	TCGA-06-5856	2.809592	114	1	High risk	untreated primary (de novo) gbm
58	TCGA-06-5858	2.838343	187	0	High risk	untreated primary (de novo) gbm
59	TCGA-06-5859	2.871792	139	0	High risk	untreated primary (de novo) gbm
60	TCGA-08-0386	2.468891	548	1	High risk	untreated primary (de novo) gbm
61	TCGA-12-0616	2.720921	448	1	High risk	untreated primary (de novo) gbm
62	TCGA-12-0618	2.067323	395	1	High risk	untreated primary (de novo) gbm
63	TCGA-12-0619	3.044291	1062	1	High risk	untreated primary (de novo) gbm
64	TCGA-12-0821	3.353693	323	1	High risk	untreated primary (de novo) gbm
65	TCGA-12-3650	2.973797	333	1	High risk	untreated primary (de novo) gbm
66	TCGA-12-3652	2.378764	1062	1	High risk	untreated primary (de novo) gbm
67	TCGA-12-3653	3.004893	442	1	High risk	untreated primary (de novo) gbm
68	TCGA-12-5295	3.195403	454	1	High risk	untreated primary (de novo) gbm
69	TCGA-12-5299	2.970605	98	1	High risk	untreated primary (de novo) gbm
70	TCGA-14-0781	2.972466	29	1	High risk	untreated primary (de novo) gbm
71	TCGA-14-0787	2.850420	68	1	High risk	untreated primary (de novo) gbm
72	TCGA-14-0789	2.915010	342	1	High risk	untreated primary (de novo) gbm
73	TCGA-14-0790	1.903786	419	1	High risk	untreated primary (de novo) gbm
74	TCGA-14-0817	3.106050	164	1	High risk	untreated primary (de novo) gbm
75	TCGA-14-1034	1.883620	485	1	High risk	untreated primary (de novo) gbm
76	TCGA-14-1823	2.184764	543	1	High risk	untreated primary (de novo) gbm
77	TCGA-14-1825	3.149529	232	1	High risk	untreated primary (de novo) gbm
78	TCGA-14-1829	3.556611	218	0	High risk	untreated primary (de novo) gbm
79	TCGA-14-2554	2.548108	532	1	High risk	untreated primary (de novo) gbm
80	TCGA-15-0742	2.431606	419	1	High risk	untreated primary (de novo) gbm
81	TCGA-16-0846	1.961811	119	1	High risk	untreated primary (de novo) gbm
82	TCGA-16-1045	2.210270	883	1	High risk	untreated primary (de novo) gbm
83	TCGA-19-1390	2.706310	772	1	High risk	untreated primary (de novo) gbm

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84	TCGA-19-2619	2.841413	294	0	High risk	untreated	primary (de novo)	gbm
85	TCGA-19-2620	2.041358	148	1	High risk	untreated	primary (de novo)	gbm
86	TCGA-19-2624	3.407874	5	1	High risk	untreated	primary (de novo)	gbm
87	TCGA-19-2625	2.546553	124	1	High risk	untreated	primary (de novo)	gbm
88	TCGA-19-2629	1.315720	737	1	High risk	untreated	primary (de novo)	gbm
89	TCGA-19-5960	1.933105	455	1	High risk	untreated	primary (de novo)	gbm
91	TCGA-26-5132	3.043452	286	0	High risk	untreated	primary (de novo)	gbm
93	TCGA-26-5134	2.020302	167	0	High risk	untreated	primary (de novo)	gbm
94	TCGA-26-5135	2.444906	270	1	High risk	untreated	primary (de novo)	gbm
95	TCGA-26-5136	2.337099	577	1	High risk	untreated	primary (de novo)	gbm
96	TCGA-26-5139	2.524577	48	0	High risk	untreated	primary (de novo)	gbm
97	TCGA-27-1830	2.580506	154	1	High risk	untreated	primary (de novo)	gbm
98	TCGA-27-1831	3.552644	505	1	High risk	untreated	primary (de novo)	gbm
99	TCGA-27-1832	3.058918	300	1	High risk	untreated	primary (de novo)	gbm
100	TCGA-27-1834	2.237883	1233	1	High risk	untreated	primary (de novo)	gbm
101	TCGA-27-1835	2.324316	648	1	High risk	untreated	primary (de novo)	gbm
102	TCGA-27-1837	2.605993	427	1	High risk	untreated	primary (de novo)	gbm
103	TCGA-27-2519	2.644478	550	1	High risk	untreated	primary (de novo)	gbm
105	TCGA-27-2523	2.334845	489	1	High risk	untreated	primary (de novo)	gbm
106	TCGA-27-2524	3.096109	231	1	High risk	untreated	primary (de novo)	gbm
107	TCGA-27-2526	2.746513	87	1	High risk	untreated	primary (de novo)	gbm
108	TCGA-27-2528	2.477313	480	1	High risk	untreated	primary (de novo)	gbm
109	TCGA-28-1747	2.481146	77	1	High risk	untreated	primary (de novo)	gbm
110	TCGA-28-1753	3.024774	37	0	High risk	untreated	primary (de novo)	gbm
111	TCGA-28-2509	3.392291	145	0	High risk	untreated	primary (de novo)	gbm
112	TCGA-28-2513	2.650667	222	0	High risk	untreated	primary (de novo)	gbm
113	TCGA-28-2514	2.142244	160	0	High risk	untreated	primary (de novo)	gbm
114	TCGA-28-5204	2.431471	454	1	High risk	untreated	primary (de novo)	gbm
115	TCGA-28-5207	1.962242	343	1	High risk	untreated	primary (de novo)	gbm
116	TCGA-28-5208	2.372459	544	1	High risk	untreated	primary (de novo)	gbm
117	TCGA-28-5209	2.507638	442	0	High risk	untreated	primary (de novo)	gbm
118	TCGA-28-5213	2.634981	951	0	High risk	untreated	primary (de novo)	gbm
119	TCGA-28-5215	2.934827	335	1	High risk	untreated	primary (de novo)	gbm
120	TCGA-28-5216	2.124855	415	0	High risk	untreated	primary (de novo)	gbm
121	TCGA-28-5218	3.638675	157	1	High risk	untreated	primary (de novo)	gbm
122	TCGA-28-5220	3.111353	388	1	High risk	untreated	primary (de novo)	gbm
123	TCGA-32-1970	2.399612	468	1	High risk	untreated	primary (de novo)	gbm
124	TCGA-32-1980	2.017108	36	1	High risk	untreated	primary (de novo)	gbm
125	TCGA-32-1982	2.889992	142	1	High risk	untreated	primary (de novo)	gbm
126	TCGA-32-2615	2.285595	485	1	High risk	untreated	primary (de novo)	gbm
127	TCGA-32-2632	2.926773	269	1	High risk	untreated	primary (de novo)	gbm
128	TCGA-32-2634	2.107017	693	0	High risk	untreated	primary (de novo)	gbm
129	TCGA-32-2638	2.184163	766	1	High risk	untreated	primary (de novo)	gbm
130	TCGA-32-4213	2.814459	604	0	High risk	untreated	primary (de novo)	gbm
131	TCGA-32-5222	2.217303	585	1	High risk	untreated	primary (de novo)	gbm
132	TCGA-41-2571	2.377641	26	1	High risk	untreated	primary (de novo)	gbm
133	TCGA-41-2572	2.230033	406	1	High risk	untreated	primary (de novo)	gbm
134	TCGA-41-3915	2.833573	360	1	High risk	untreated	primary (de novo)	gbm
135	TCGA-41-4097	2.474454	6	1	High risk	untreated	primary (de novo)	gbm
136	TCGA-41-5651	2.428986	460	1	High risk	untreated	primary (de novo)	gbm
137	TCGA-76-4925	4.083428	146	1	High risk	untreated	primary (de novo)	gbm
138	TCGA-76-4926	3.121944	138	1	High risk	untreated	primary (de novo)	gbm

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139	TCGA-76-4928	2.884852	94	1	High risk	untreated primary (de novo) gbm
140	TCGA-76-4929	2.189797	111	1	High risk	untreated primary (de novo) gbm
141	TCGA-76-4931	2.259296	279	1	High risk	untreated primary (de novo) gbm
143	TCGA-CS-4941	1.984285	234	1	High risk	astrocytoma
145	TCGA-CS-4943	1.561420	1106	1	High risk	astrocytoma
149	TCGA-CS-5395	1.313680	639	1	High risk	oligodendroglioma
151	TCGA-CS-5397	1.827825	194	1	High risk	astrocytoma
152	TCGA-CS-6186	1.350058	538	1	High risk	oligoastrocytoma
153	TCGA-CS-6188	1.308056	814	1	High risk	astrocytoma
180	TCGA-DB-A64O	1.549083	775	1	High risk	oligoastrocytoma
207	TCGA-DU-5847	1.749947	548	0	High risk	astrocytoma
210	TCGA-DU-5852	1.715498	205	1	High risk	oligoastrocytoma
212	TCGA-DU-5854	1.898122	257	0	High risk	astrocytoma
226	TCGA-DU-6402	2.001316	214	1	High risk	astrocytoma
227	TCGA-DU-6403	2.654054	354	1	High risk	oligoastrocytoma
228	TCGA-DU-6405	2.099060	605	1	High risk	astrocytoma
229	TCGA-DU-6406	2.158768	512	1	High risk	oligoastrocytoma
233	TCGA-DU-7006	2.062266	349	1	High risk	astrocytoma
239	TCGA-DU-7012	2.054926	199	1	High risk	astrocytoma
240	TCGA-DU-7013	2.142084	269	1	High risk	astrocytoma
244	TCGA-DU-7290	1.969342	315	1	High risk	astrocytoma
254	TCGA-DU-8158	1.709241	155	1	High risk	astrocytoma
255	TCGA-DU-8161	2.231095	722	1	High risk	oligoastrocytoma
258	TCGA-DU-8165	2.159567	582	0	High risk	oligodendroglioma
265	TCGA-DU-A5TT	1.551919	743	0	High risk	oligodendroglioma
268	TCGA-DU-A5TY	1.399312	1033	1	High risk	astrocytoma
275	TCGA-DU-A76L	2.496849	814	1	High risk	oligodendroglioma
282	TCGA-DU-A7TD	2.325092	228	1	High risk	oligoastrocytoma
284	TCGA-DU-A7TJ	2.260280	17	0	High risk	astrocytoma
287	TCGA-E1-5304	1.478112	1251	1	High risk	astrocytoma
294	TCGA-E1-A7YD	2.343729	435	1	High risk	astrocytoma
297	TCGA-E1-A7YI	1.846772	111	1	High risk	astrocytoma
300	TCGA-E1-A7YL	2.444050	492	1	High risk	astrocytoma
301	TCGA-E1-A7YM	1.448719	648	1	High risk	astrocytoma
302	TCGA-E1-A7YN	1.658428	727	1	High risk	astrocytoma
304	TCGA-E1-A7YQ	1.603104	1578	1	High risk	oligodendroglioma
307	TCGA-E1-A7YV	1.483795	987	1	High risk	oligoastrocytoma
320	TCGA-FG-6688	1.497970	571	0	High risk	astrocytoma
324	TCGA-FG-6692	1.546231	561	1	High risk	oligodendroglioma
339	TCGA-FG-A4MU	1.704498	326	0	High risk	oligoastrocytoma
350	TCGA-FG-A70Z	1.591411	328	0	High risk	oligoastrocytoma
355	TCGA-FG-A87Q	1.440076	174	0	High risk	astrocytoma
366	TCGA-HT-7477	1.753793	738	0	High risk	astrocytoma
404	TCGA-HT-7860	1.640114	15	0	High risk	astrocytoma
412	TCGA-HT-7882	1.727722	113	1	High risk	oligodendroglioma
416	TCGA-HT-8011	2.222485	494	0	High risk	astrocytoma
420	TCGA-HT-8104	1.769074	372	0	High risk	astrocytoma
425	TCGA-HT-8110	2.012095	419	0	High risk	astrocytoma
435	TCGA-HT-A5RA	2.479776	832	0	High risk	astrocytoma
437	TCGA-HT-A5RC	1.194336	162	1	High risk	astrocytoma
441	TCGA-HT-A617	1.835658	491	0	High risk	oligodendroglioma
446	TCGA-HT-A61C	2.681239	537	1	High risk	oligodendroglioma

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447	TCGA-HT-A74H	1.506748	74	0	High risk	astrocytoma
463	TCGA-HW-A5KK	1.648330	388	1	High risk	astrocytoma
469	TCGA-KT-A7W1	2.594396	438	0	High risk	astrocytoma
478	TCGA-P5-A72U	1.983141	7	0	High risk	oligodendroglioma
497	TCGA-QH-A6CS	2.171184	588	0	High risk	astrocytoma
499	TCGA-QH-A6CV	1.650133	442	0	High risk	oligoastrocytoma
530	TCGA-S9-A6U0	2.252343	742	1	High risk	astrocytoma
544	TCGA-S9-A6WM	2.195516	604	0	High risk	astrocytoma
550	TCGA-S9-A7IS	1.389809	241	1	High risk	astrocytoma
551	TCGA-S9-A7IX	1.343724	819	1	High risk	astrocytoma
554	TCGA-S9-A7J0	1.773640	609	0	High risk	oligodendroglioma
563	TCGA-S9-A7R2	2.013926	316	1	High risk	astrocytoma
574	TCGA-TM-A84B	1.614140	758	1	High risk	astrocytoma
592	TCGA-TQ-A7RM	1.184711	1116	0	High risk	oligoastrocytoma
610	TCGA-VW-A8FI	1.543900	245	1	High risk	astrocytoma