

PANGLIOMA_2021_EXSEL

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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 = 0.0539943689845847
```

Table 1: Model coefficients

	coef
SNAP91	-0.0000339
EEF1A1P9	-0.0000265
FAM123C	-0.0000198
RPL7A	-0.0000136
EIF3L	-0.0000093
RPL13A	-0.0000068
WAPAL	-0.0000051
RPL3	-0.0000044
HMP19	-0.0000035
TUBB2B	0.0000179
UNC93B1	0.0000198

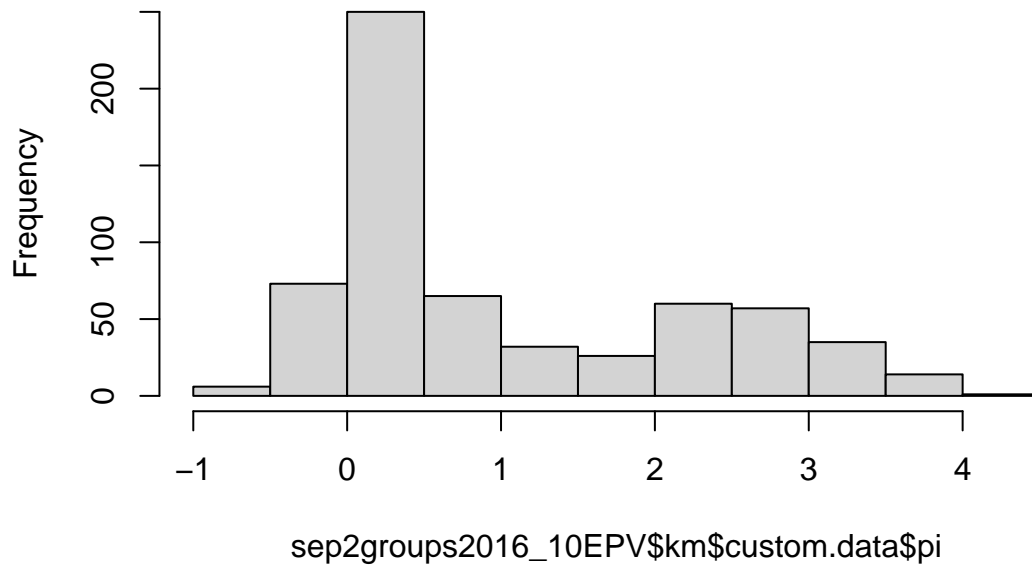
	coef
CTSC	0.0000422
KIF15	0.0000651
CPPED1	0.0001188
LMNB1	0.0002326
GTF2IRD2	0.0003693
RAB36	0.0004210
LRRC61	0.0004305
FAM115C	0.0004970
POC1A	0.0008888
AURKA	0.0010291
PGCP	0.0012830

Number of variables of final model = 22

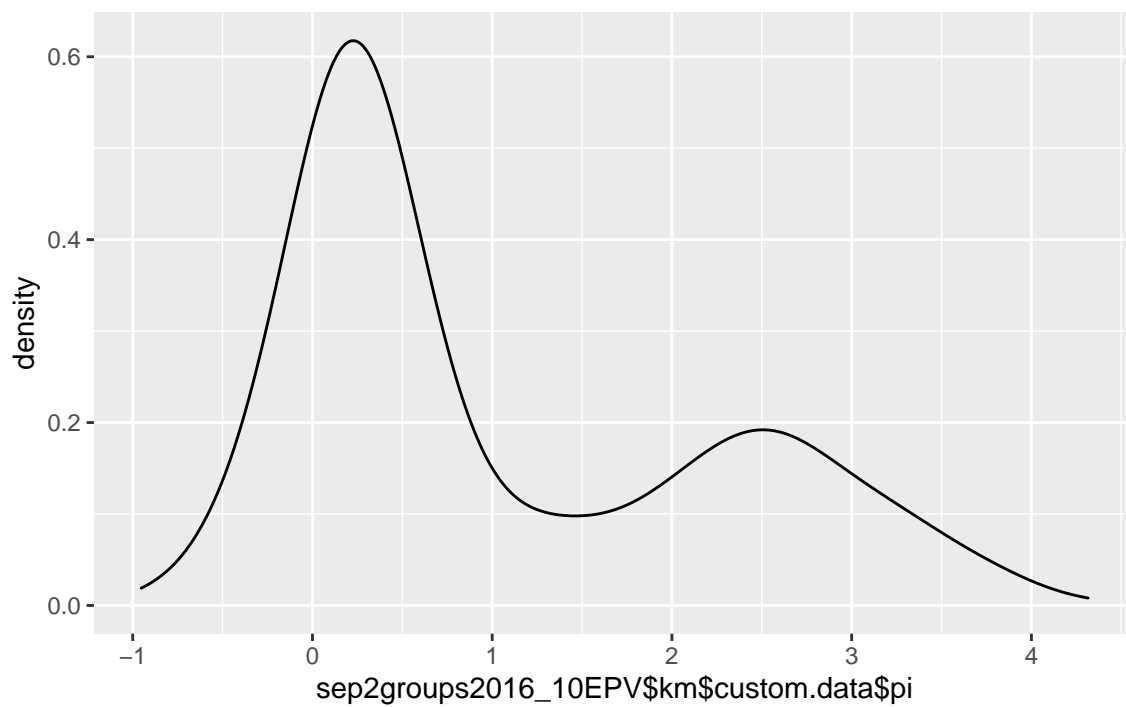
Stratification of patients (High-/Low-risk group)

Prognostic Index (PI) distribution

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

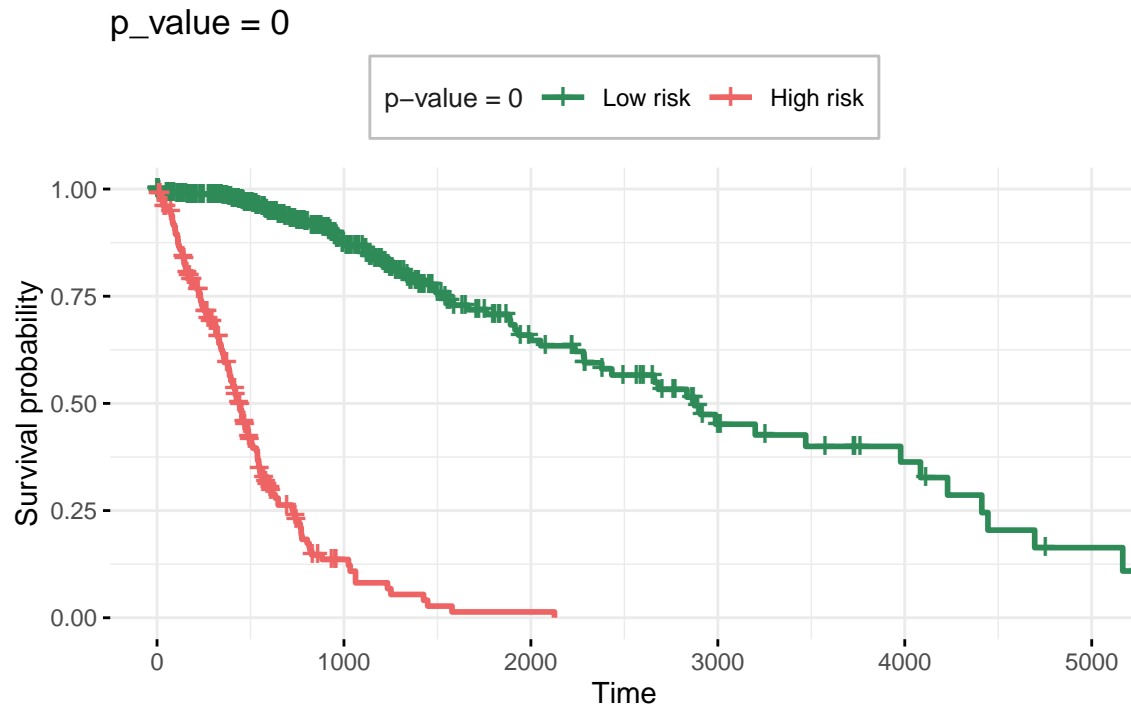


Panglioma: Density of Prognostic Index



semi-automatic calculation of PI threshold

```
## [1] "PI_THRESHOLD = 1.462211"
## [1] "Percentil = 0.6834"
## Call: survfit(formula = survival::Surv(time, status) ~ group, data = prognostic.index.df)
##
##           n events median 0.95LCL 0.95UCL
## Low risk  423     80   2875    2379    4084
## High risk 196    146    442     388     492
```



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: 1.182
## % LGG in Low-risk group: 98.818
## % Astrocytomas in Low-risk group: 32.151
## % oligodendroglioma in Low-risk group: 39.716
```

% MIX_or_oligoastrocytoma in Low-risk group: 26.95

HIGH-RISK GROUP

% GBM in High-risk group: 69.388

% LGG in High-risk group: 30.612

% Astrocytomas in High-risk group: 19.898

% oligodendroglioma in High-risk group: 5.102

% MIX_or_oligoastrocytoma in High-risk group: 5.612

FINAL TABLES

LOW-RISK-PATIENTS

	Patient_ID	pi	time	status	group	histological_type
16	TCGA-06-0178	1.3878728	2681	1	Low risk	untreated primary (de novo) gbm
88	TCGA-19-2629	1.3304827	737	1	Low risk	untreated primary (de novo) gbm
90	TCGA-26-1442	0.3561794	953	0	Low risk	untreated primary (de novo) gbm
92	TCGA-26-5133	1.1024447	452	0	Low risk	untreated primary (de novo) gbm
104	TCGA-27-2521	1.3814057	510	1	Low risk	untreated primary (de novo) gbm
142	TCGA-CS-4938	0.1462588	3574	0	Low risk	astrocytoma
144	TCGA-CS-4942	0.2805150	1335	1	Low risk	astrocytoma
145	TCGA-CS-4943	1.3934828	1106	1	Low risk	astrocytoma
146	TCGA-CS-4944	0.3808778	1828	0	Low risk	astrocytoma
147	TCGA-CS-5393	0.0784004	1222	0	Low risk	astrocytoma
148	TCGA-CS-5394	0.0033388	8	0	Low risk	astrocytoma
149	TCGA-CS-5395	1.4342682	639	1	Low risk	oligodendroglioma
150	TCGA-CS-5396	0.2863420	1631	0	Low risk	oligodendroglioma
153	TCGA-CS-6188	1.4323177	814	1	Low risk	astrocytoma
154	TCGA-CS-6290	0.4103479	1137	1	Low risk	astrocytoma
155	TCGA-CS-6665	0.8607253	1568	0	Low risk	astrocytoma
156	TCGA-CS-6666	-0.1649685	1428	0	Low risk	astrocytoma
157	TCGA-CS-6667	-0.3491822	1469	0	Low risk	astrocytoma
158	TCGA-CS-6668	-0.0129428	1519	0	Low risk	oligodendroglioma
159	TCGA-CS-6670	0.1221859	1426	0	Low risk	oligodendroglioma
160	TCGA-DB-5270	0.4884878	3733	0	Low risk	oligoastrocytoma
161	TCGA-DB-5273	0.2859706	2493	0	Low risk	astrocytoma
162	TCGA-DB-5274	-0.8613867	2289	0	Low risk	oligoastrocytoma
163	TCGA-DB-5275	0.1576714	1458	0	Low risk	oligoastrocytoma
164	TCGA-DB-5276	0.6076486	2218	0	Low risk	oligoastrocytoma
165	TCGA-DB-5277	0.5136213	1547	1	Low risk	astrocytoma
166	TCGA-DB-5278	0.3323326	2772	0	Low risk	oligodendroglioma
167	TCGA-DB-5279	-0.0752810	1354	0	Low risk	oligodendroglioma
168	TCGA-DB-5280	0.1167172	1112	0	Low risk	oligoastrocytoma
169	TCGA-DB-5281	0.2984398	2381	0	Low risk	oligoastrocytoma
170	TCGA-DB-A4X9	0.3648238	1412	0	Low risk	oligoastrocytoma
171	TCGA-DB-A4XA	0.0240135	573	0	Low risk	oligoastrocytoma
172	TCGA-DB-A4XB	0.2714176	919	0	Low risk	astrocytoma
173	TCGA-DB-A4XC	0.3861171	1421	0	Low risk	oligoastrocytoma
174	TCGA-DB-A4XD	-0.0403070	1210	0	Low risk	astrocytoma
175	TCGA-DB-A4XE	0.5407466	1139	0	Low risk	oligoastrocytoma

	Patient_ID	pi	time	status	group	histological_type
176	TCGA-DB-A4XF	0.3641934	1021	0	Low risk	astrocytoma
177	TCGA-DB-A4XG	-0.0362531	2219	0	Low risk	oligodendroglioma
178	TCGA-DB-A4XH	0.2999378	962	0	Low risk	oligoastrocytoma
179	TCGA-DB-A64L	0.2391831	736	0	Low risk	oligodendroglioma
181	TCGA-DB-A64P	0.3012691	916	0	Low risk	oligodendroglioma
182	TCGA-DB-A64Q	0.0747712	182	0	Low risk	oligoastrocytoma
183	TCGA-DB-A64R	-0.0299632	955	0	Low risk	oligodendroglioma
184	TCGA-DB-A64S	0.1294687	835	0	Low risk	oligoastrocytoma
185	TCGA-DB-A64U	0.1870594	846	0	Low risk	oligoastrocytoma
186	TCGA-DB-A64V	0.5350484	889	0	Low risk	oligodendroglioma
187	TCGA-DB-A64W	0.7885703	438	1	Low risk	oligoastrocytoma
188	TCGA-DB-A64X	-0.3452529	563	0	Low risk	astrocytoma
189	TCGA-DB-A75K	0.4353921	368	0	Low risk	oligoastrocytoma
190	TCGA-DB-A75L	0.3972697	342	0	Low risk	astrocytoma
191	TCGA-DB-A75M	0.3583218	544	0	Low risk	astrocytoma
192	TCGA-DB-A75O	0.2031198	935	0	Low risk	astrocytoma
193	TCGA-DH-5141	-0.0326422	968	0	Low risk	oligodendroglioma
194	TCGA-DH-5142	0.4180790	1943	0	Low risk	astrocytoma
195	TCGA-DH-5143	0.0718225	1401	0	Low risk	oligoastrocytoma
196	TCGA-DH-5144	-0.2762184	748	0	Low risk	oligodendroglioma
197	TCGA-DH-A669	1.0122013	919	1	Low risk	oligodendroglioma
198	TCGA-DH-A66B	0.1589572	1279	0	Low risk	astrocytoma
199	TCGA-DH-A66D	0.3168546	846	0	Low risk	astrocytoma
200	TCGA-DH-A66F	0.0151236	523	0	Low risk	oligodendroglioma
201	TCGA-DH-A66G	0.5155614	523	0	Low risk	oligodendroglioma
202	TCGA-DH-A7UR	0.7317951	1650	0	Low risk	oligodendroglioma
203	TCGA-DH-A7US	0.3309568	706	0	Low risk	oligodendroglioma
204	TCGA-DH-A7UT	0.2263806	531	1	Low risk	astrocytoma
205	TCGA-DH-A7UU	0.7569412	417	0	Low risk	astrocytoma
206	TCGA-DH-A7UV	0.1439830	566	0	Low risk	astrocytoma
208	TCGA-DU-5849	0.2979067	443	0	Low risk	oligodendroglioma
209	TCGA-DU-5851	0.5545441	531	0	Low risk	oligoastrocytoma
211	TCGA-DU-5853	0.3554619	407	0	Low risk	oligoastrocytoma
213	TCGA-DU-5855	-0.0765739	207	0	Low risk	oligoastrocytoma
214	TCGA-DU-5870	0.1215430	5546	0	Low risk	oligodendroglioma
215	TCGA-DU-5871	-0.0984940	576	0	Low risk	oligoastrocytoma
216	TCGA-DU-5872	0.1095054	532	0	Low risk	oligoastrocytoma
217	TCGA-DU-5874	0.1812064	461	0	Low risk	oligodendroglioma
218	TCGA-DU-6393	0.2454085	1585	1	Low risk	oligodendroglioma
219	TCGA-DU-6394	0.1870008	682	1	Low risk	oligodendroglioma
220	TCGA-DU-6395	-0.1078485	1491	1	Low risk	oligoastrocytoma
221	TCGA-DU-6396	0.2936947	2286	1	Low risk	oligoastrocytoma
222	TCGA-DU-6397	0.1626308	1401	1	Low risk	oligodendroglioma
223	TCGA-DU-6399	0.2270024	2000	1	Low risk	oligodendroglioma
224	TCGA-DU-6400	-0.0497709	37	1	Low risk	oligodendroglioma
225	TCGA-DU-6401	-0.2498338	2660	1	Low risk	oligodendroglioma
230	TCGA-DU-6407	0.0229360	2875	1	Low risk	oligodendroglioma
231	TCGA-DU-6408	0.1439363	3470	1	Low risk	oligodendroglioma
232	TCGA-DU-6410	-0.4045804	242	0	Low risk	oligodendroglioma
234	TCGA-DU-7007	0.3172597	1915	1	Low risk	astrocytoma
235	TCGA-DU-7008	0.1632505	4752	0	Low risk	oligodendroglioma
236	TCGA-DU-7009	0.1715003	4695	1	Low risk	oligodendroglioma

	Patient_ID	pi	time	status	group	histological_type
237	TCGA-DU-7010	1.2590263	456	1	Low risk	astrocytoma
238	TCGA-DU-7011	0.3012077	3200	1	Low risk	oligoastrocytoma
241	TCGA-DU-7015	0.0201348	2761	0	Low risk	oligodendroglioma
242	TCGA-DU-7018	-0.4982020	933	1	Low risk	oligodendroglioma
243	TCGA-DU-7019	0.0859661	800	0	Low risk	oligoastrocytoma
245	TCGA-DU-7294	-0.3965346	2869	0	Low risk	oligodendroglioma
246	TCGA-DU-7298	0.7771957	576	1	Low risk	astrocytoma
247	TCGA-DU-7299	0.1767654	1339	1	Low risk	astrocytoma
248	TCGA-DU-7300	0.4057616	1886	1	Low risk	oligodendroglioma
249	TCGA-DU-7301	0.0869132	788	1	Low risk	oligodendroglioma
250	TCGA-DU-7302	0.0571835	1834	0	Low risk	oligodendroglioma
251	TCGA-DU-7304	0.5253183	709	1	Low risk	oligoastrocytoma
252	TCGA-DU-7306	-0.0380583	1277	0	Low risk	oligoastrocytoma
253	TCGA-DU-7309	0.2190769	84	0	Low risk	oligodendroglioma
256	TCGA-DU-8163	0.4130873	629	0	Low risk	oligoastrocytoma
257	TCGA-DU-8164	0.0849782	651	0	Low risk	oligodendroglioma
259	TCGA-DU-8166	0.1577814	516	0	Low risk	oligoastrocytoma
260	TCGA-DU-8167	0.2235887	471	0	Low risk	oligoastrocytoma
261	TCGA-DU-8168	0.3528695	431	0	Low risk	oligodendroglioma
262	TCGA-DU-A5TP	0.6666521	1012	0	Low risk	astrocytoma
263	TCGA-DU-A5TR	0.5235173	908	0	Low risk	oligoastrocytoma
264	TCGA-DU-A5TS	-0.0254834	964	0	Low risk	oligodendroglioma
266	TCGA-DU-A5TU	0.2654731	796	0	Low risk	astrocytoma
267	TCGA-DU-A5TW	0.0450434	760	0	Low risk	astrocytoma
269	TCGA-DU-A6S2	0.3302841	777	0	Low risk	oligodendroglioma
270	TCGA-DU-A6S3	-0.1178238	656	0	Low risk	oligodendroglioma
271	TCGA-DU-A6S6	0.0914737	2893	0	Low risk	oligoastrocytoma
272	TCGA-DU-A6S7	0.3927546	638	0	Low risk	astrocytoma
273	TCGA-DU-A6S8	0.1015584	678	0	Low risk	oligodendroglioma
274	TCGA-DU-A76K	1.3696548	347	1	Low risk	oligodendroglioma
276	TCGA-DU-A76O	0.0565845	522	0	Low risk	astrocytoma
277	TCGA-DU-A76R	0.2779300	648	1	Low risk	oligodendroglioma
278	TCGA-DU-A7T6	0.7452735	547	1	Low risk	oligodendroglioma
279	TCGA-DU-A7T8	0.0056659	4229	1	Low risk	oligoastrocytoma
280	TCGA-DU-A7TA	0.2037184	2565	0	Low risk	oligodendroglioma
281	TCGA-DU-A7TC	0.2295206	1137	0	Low risk	astrocytoma
283	TCGA-DU-A7TG	0.5996470	1351	1	Low risk	oligodendroglioma
285	TCGA-E1-5302	1.2917654	1525	1	Low risk	astrocytoma
286	TCGA-E1-5303	0.3907635	2052	1	Low risk	astrocytoma
288	TCGA-E1-5305	0.2947274	2433	1	Low risk	astrocytoma
289	TCGA-E1-5307	-0.1716961	1762	1	Low risk	astrocytoma
290	TCGA-E1-5311	-0.1529638	4084	1	Low risk	oligodendroglioma
291	TCGA-E1-5318	-0.4042177	2379	1	Low risk	oligodendroglioma
292	TCGA-E1-5319	0.2870016	2907	1	Low risk	oligodendroglioma
293	TCGA-E1-5322	0.0958922	3978	1	Low risk	oligoastrocytoma
295	TCGA-E1-A7YE	1.1095845	886	1	Low risk	astrocytoma
296	TCGA-E1-A7YH	0.4090323	2835	1	Low risk	astrocytoma
298	TCGA-E1-A7YJ	1.2855790	592	1	Low risk	astrocytoma
299	TCGA-E1-A7YK	1.2147848	378	1	Low risk	astrocytoma
303	TCGA-E1-A7YO	0.2222235	2282	1	Low risk	oligodendroglioma
305	TCGA-E1-A7YS	0.4839026	466	1	Low risk	oligodendroglioma
306	TCGA-E1-A7YU	0.2750126	23	1	Low risk	oligoastrocytoma

	Patient_ID	pi	time	status	group	histological_type
307	TCGA-E1-A7YV	1.4184868	987	1	Low risk	oligoastrocytoma
308	TCGA-E1-A7YW	0.2139711	1120	1	Low risk	oligoastrocytoma
309	TCGA-E1-A7YY	0.6358146	4445	1	Low risk	oligodendroglioma
310	TCGA-E1-A7Z2	1.3636839	398	1	Low risk	oligodendroglioma
311	TCGA-E1-A7Z3	0.6259874	2235	1	Low risk	astrocytoma
312	TCGA-E1-A7Z4	0.1998615	4412	1	Low risk	astrocytoma
313	TCGA-E1-A7Z6	0.3758494	984	1	Low risk	astrocytoma
314	TCGA-EZ-7264	-0.0785922	1201	0	Low risk	oligodendroglioma
315	TCGA-F6-A8O3	-0.1389995	7	0	Low risk	oligodendroglioma
316	TCGA-F6-A8O4	0.1314150	6	0	Low risk	astrocytoma
317	TCGA-FG-5962	0.2033463	1453	0	Low risk	oligodendroglioma
318	TCGA-FG-5964	0.5035891	1588	0	Low risk	oligodendroglioma
319	TCGA-FG-5965	0.3938590	1120	1	Low risk	oligoastrocytoma
321	TCGA-FG-6689	0.0740028	454	0	Low risk	astrocytoma
322	TCGA-FG-6690	0.0812075	1294	0	Low risk	oligodendroglioma
323	TCGA-FG-6691	0.2150947	1257	0	Low risk	astrocytoma
325	TCGA-FG-7634	0.6816407	467	0	Low risk	oligodendroglioma
326	TCGA-FG-7636	-0.4192005	544	0	Low risk	astrocytoma
327	TCGA-FG-7637	-0.4495428	1219	0	Low risk	oligoastrocytoma
328	TCGA-FG-7638	0.0438526	686	0	Low risk	oligodendroglioma
329	TCGA-FG-7641	0.2700129	627	0	Low risk	oligodendroglioma
330	TCGA-FG-7643	1.2064773	611	0	Low risk	oligoastrocytoma
331	TCGA-FG-8182	0.3502746	416	0	Low risk	oligodendroglioma
332	TCGA-FG-8185	-0.6240821	433	0	Low risk	astrocytoma
333	TCGA-FG-8186	0.4525048	487	0	Low risk	oligoastrocytoma
334	TCGA-FG-8187	0.7881137	611	0	Low risk	oligoastrocytoma
335	TCGA-FG-8188	0.1435005	455	0	Low risk	oligoastrocytoma
336	TCGA-FG-8189	0.4016375	685	0	Low risk	oligodendroglioma
337	TCGA-FG-8191	0.0378049	992	0	Low risk	oligodendroglioma
338	TCGA-FG-A4MT	-0.1544172	1164	0	Low risk	oligodendroglioma
341	TCGA-FG-A4MX	-0.0553832	569	0	Low risk	astrocytoma
342	TCGA-FG-A4MY	0.1845987	721	0	Low risk	oligoastrocytoma
343	TCGA-FG-A60J	0.0698340	449	0	Low risk	oligoastrocytoma
344	TCGA-FG-A60K	-0.1586917	542	0	Low risk	oligoastrocytoma
345	TCGA-FG-A60L	-0.2653572	655	0	Low risk	astrocytoma
346	TCGA-FG-A6IZ	-0.6118959	457	0	Low risk	oligodendroglioma
347	TCGA-FG-A6J1	-0.6174234	500	0	Low risk	oligodendroglioma
348	TCGA-FG-A6J3	0.7909076	677	0	Low risk	astrocytoma
349	TCGA-FG-A70Y	0.1844670	868	0	Low risk	oligodendroglioma
351	TCGA-FG-A710	0.3925215	1115	0	Low risk	oligodendroglioma
352	TCGA-FG-A711	0.1728138	1481	1	Low risk	oligodendroglioma
353	TCGA-FG-A713	0.4616050	622	0	Low risk	oligoastrocytoma
354	TCGA-FG-A87N	1.0272705	567	0	Low risk	astrocytoma
356	TCGA-FN-7833	0.9336673	837	0	Low risk	oligoastrocytoma
357	TCGA-HT-7467	0.7895138	3	0	Low risk	oligodendroglioma
358	TCGA-HT-7468	0.0973171	203	0	Low risk	oligodendroglioma
359	TCGA-HT-7470	0.4687144	1220	1	Low risk	oligodendroglioma
360	TCGA-HT-7471	0.7130024	4	0	Low risk	oligodendroglioma
361	TCGA-HT-7472	0.1999634	1	0	Low risk	oligodendroglioma
362	TCGA-HT-7473	0.4844941	503	0	Low risk	oligoastrocytoma
363	TCGA-HT-7474	0.3636693	114	0	Low risk	oligoastrocytoma
364	TCGA-HT-7475	0.3005889	530	0	Low risk	oligoastrocytoma

	Patient_ID	pi	time	status	group	histological_type
365	TCGA-HT-7476	0.3668070	199	0	Low risk	astrocytoma
367	TCGA-HT-7478	0.0899587	194	0	Low risk	astrocytoma
368	TCGA-HT-7479	0.6416520	1227	0	Low risk	astrocytoma
369	TCGA-HT-7480	0.0231230	2287	0	Low risk	oligodendroglioma
370	TCGA-HT-7481	0.7791610	2918	0	Low risk	oligodendroglioma
371	TCGA-HT-7482	0.2730030	3253	0	Low risk	oligoastrocytoma
372	TCGA-HT-7483	0.0700223	5255	0	Low risk	oligoastrocytoma
373	TCGA-HT-7485	0.2514716	122	0	Low risk	astrocytoma
374	TCGA-HT-7601	0.8839891	153	0	Low risk	astrocytoma
375	TCGA-HT-7602	0.7991018	908	0	Low risk	oligodendroglioma
376	TCGA-HT-7603	0.0331967	705	0	Low risk	oligodendroglioma
377	TCGA-HT-7604	-0.0362657	3725	0	Low risk	astrocytoma
378	TCGA-HT-7605	0.2905212	139	0	Low risk	oligodendroglioma
379	TCGA-HT-7606	1.1790140	526	0	Low risk	astrocytoma
380	TCGA-HT-7607	0.5338252	96	1	Low risk	astrocytoma
381	TCGA-HT-7608	0.1949634	671	0	Low risk	oligoastrocytoma
382	TCGA-HT-7609	-0.3991598	1399	0	Low risk	oligoastrocytoma
383	TCGA-HT-7610	0.1240713	1706	0	Low risk	oligoastrocytoma
384	TCGA-HT-7611	0.1303690	1752	0	Low risk	oligoastrocytoma
385	TCGA-HT-7616	0.5296048	7	1	Low risk	oligodendroglioma
386	TCGA-HT-7620	1.1301174	434	0	Low risk	oligodendroglioma
387	TCGA-HT-7676	0.0035282	5	0	Low risk	oligodendroglioma
388	TCGA-HT-7677	0.0423163	494	0	Low risk	oligodendroglioma
389	TCGA-HT-7681	0.2418041	1359	0	Low risk	oligoastrocytoma
390	TCGA-HT-7684	-0.0895780	184	0	Low risk	oligoastrocytoma
391	TCGA-HT-7686	0.4500010	1300	0	Low risk	astrocytoma
392	TCGA-HT-7687	0.2513482	3	0	Low risk	oligodendroglioma
393	TCGA-HT-7688	0.3234634	964	0	Low risk	oligodendroglioma
394	TCGA-HT-7689	0.5108369	455	0	Low risk	oligodendroglioma
395	TCGA-HT-7690	0.7655555	3	0	Low risk	oligoastrocytoma
396	TCGA-HT-7692	0.0245236	90	0	Low risk	oligoastrocytoma
397	TCGA-HT-7693	0.7652464	533	0	Low risk	oligodendroglioma
398	TCGA-HT-7694	0.5101093	210	0	Low risk	oligodendroglioma
399	TCGA-HT-7695	0.3167982	442	0	Low risk	oligodendroglioma
400	TCGA-HT-7854	1.3450351	1201	0	Low risk	astrocytoma
401	TCGA-HT-7855	-0.2060223	585	0	Low risk	astrocytoma
402	TCGA-HT-7856	0.6652776	1189	0	Low risk	oligodendroglioma
403	TCGA-HT-7858	0.2392975	1540	0	Low risk	astrocytoma
405	TCGA-HT-7873	0.1917201	718	0	Low risk	oligoastrocytoma
406	TCGA-HT-7874	0.4650001	1130	0	Low risk	oligodendroglioma
407	TCGA-HT-7875	0.0170907	10	0	Low risk	oligodendroglioma
408	TCGA-HT-7877	0.2864836	4	0	Low risk	oligodendroglioma
409	TCGA-HT-7879	0.1844386	112	0	Low risk	oligoastrocytoma
410	TCGA-HT-7880	0.7041029	162	0	Low risk	oligoastrocytoma
411	TCGA-HT-7881	0.6743142	1079	0	Low risk	oligodendroglioma
413	TCGA-HT-7884	0.2065197	343	0	Low risk	astrocytoma
414	TCGA-HT-7902	1.0746682	956	0	Low risk	oligoastrocytoma
415	TCGA-HT-8010	0.5364578	50	0	Low risk	oligodendroglioma
417	TCGA-HT-8012	-0.0164861	286	0	Low risk	oligodendroglioma
418	TCGA-HT-8013	0.6181886	1933	1	Low risk	oligoastrocytoma
419	TCGA-HT-8018	0.9623299	1152	1	Low risk	oligoastrocytoma
421	TCGA-HT-8105	0.1623008	190	0	Low risk	oligodendroglioma

	Patient_ID	pi	time	status	group	histological_type
422	TCGA-HT-8106	1.2427474	3	0	Low risk	astrocytoma
423	TCGA-HT-8108	0.2511598	76	0	Low risk	oligodendroglioma
424	TCGA-HT-8109	0.4035810	169	0	Low risk	oligodendroglioma
426	TCGA-HT-8111	0.6446392	7	0	Low risk	oligoastrocytoma
427	TCGA-HT-8113	0.4151882	900	0	Low risk	oligodendroglioma
428	TCGA-HT-8114	0.2203062	1040	0	Low risk	oligoastrocytoma
430	TCGA-HT-A4DS	1.4363349	7	0	Low risk	astrocytoma
431	TCGA-HT-A4DV	0.4669827	792	0	Low risk	oligodendroglioma
432	TCGA-HT-A5R5	0.7726199	4	0	Low risk	oligodendroglioma
433	TCGA-HT-A5R7	0.5084856	615	0	Low risk	astrocytoma
434	TCGA-HT-A5R9	0.0329897	2	0	Low risk	oligodendroglioma
436	TCGA-HT-A5RB	-0.0390310	3	0	Low risk	astrocytoma
437	TCGA-HT-A5RC	1.3851237	162	1	Low risk	astrocytoma
438	TCGA-HT-A614	0.4354884	82	0	Low risk	oligoastrocytoma
439	TCGA-HT-A615	0.1128011	515	0	Low risk	oligodendroglioma
440	TCGA-HT-A616	0.1634674	55	0	Low risk	astrocytoma
442	TCGA-HT-A618	0.5076089	512	0	Low risk	astrocytoma
443	TCGA-HT-A619	-0.4525590	651	0	Low risk	oligodendroglioma
444	TCGA-HT-A61A	0.5077989	194	0	Low risk	oligodendroglioma
445	TCGA-HT-A61B	0.9507723	533	0	Low risk	astrocytoma
448	TCGA-HT-A74J	0.1733121	320	0	Low risk	oligoastrocytoma
449	TCGA-HT-A74K	-0.0284303	467	0	Low risk	oligodendroglioma
450	TCGA-HT-A74L	0.2199318	336	0	Low risk	oligoastrocytoma
451	TCGA-HT-A74O	0.1525136	3	0	Low risk	astrocytoma
452	TCGA-HW-7486	0.8535049	1721	0	Low risk	oligodendroglioma
453	TCGA-HW-7487	0.0788707	1382	0	Low risk	oligodendroglioma
454	TCGA-HW-7489	0.1938676	1262	1	Low risk	oligoastrocytoma
455	TCGA-HW-7490	-0.2093001	1387	0	Low risk	astrocytoma
456	TCGA-HW-7491	-0.0057766	2078	0	Low risk	oligodendroglioma
457	TCGA-HW-7495	0.2329741	1078	0	Low risk	oligodendroglioma
458	TCGA-HW-8319	0.2184656	1209	1	Low risk	astrocytoma
459	TCGA-HW-8320	-0.2720192	1217	0	Low risk	astrocytoma
460	TCGA-HW-8321	-0.1204372	1294	0	Low risk	astrocytoma
461	TCGA-HW-8322	0.0952944	758	0	Low risk	oligodendroglioma
462	TCGA-HW-A5KJ	-0.4660671	962	1	Low risk	oligodendroglioma
464	TCGA-HW-A5KL	-0.1231879	878	0	Low risk	astrocytoma
465	TCGA-HW-A5KM	0.4011504	630	0	Low risk	astrocytoma
466	TCGA-IK-7675	0.3797519	578	1	Low risk	oligodendroglioma
467	TCGA-IK-8125	0.0750422	1301	0	Low risk	oligoastrocytoma
468	TCGA-KT-A74X	0.2123542	438	0	Low risk	oligoastrocytoma
470	TCGA-P5-A5EV	0.1196161	7	0	Low risk	astrocytoma
471	TCGA-P5-A5EW	0.1591917	204	0	Low risk	astrocytoma
472	TCGA-P5-A5EX	0.7096291	243	0	Low risk	oligodendroglioma
473	TCGA-P5-A5EZ	0.6894119	70	0	Low risk	astrocytoma
474	TCGA-P5-A5F0	0.2610207	287	0	Low risk	oligodendroglioma
475	TCGA-P5-A5F1	0.2689724	179	0	Low risk	astrocytoma
476	TCGA-P5-A5F2	0.2990391	242	0	Low risk	astrocytoma
477	TCGA-P5-A5F4	0.3760364	231	0	Low risk	oligodendroglioma
479	TCGA-P5-A72W	-0.5082397	317	0	Low risk	astrocytoma
480	TCGA-P5-A72X	0.2443191	403	0	Low risk	astrocytoma
481	TCGA-P5-A72Z	-0.0052933	354	0	Low risk	oligodendroglioma
482	TCGA-P5-A730	0.1616909	333	0	Low risk	oligoastrocytoma

	Patient_ID	pi	time	status	group	histological_type
483	TCGA-P5-A731	0.6152758	274	0	Low risk	oligoastrocytoma
484	TCGA-P5-A733	0.2709888	414	0	Low risk	astrocytoma
485	TCGA-P5-A735	-0.2556271	292	0	Low risk	astrocytoma
486	TCGA-P5-A736	0.4538930	230	0	Low risk	astrocytoma
487	TCGA-P5-A737	0.0246271	372	0	Low risk	oligoastrocytoma
488	TCGA-P5-A77W	-0.9523796	584	0	Low risk	oligoastrocytoma
489	TCGA-P5-A77X	0.1328943	105	0	Low risk	oligoastrocytoma
490	TCGA-P5-A780	0.0831149	72	0	Low risk	astrocytoma
491	TCGA-P5-A781	0.2333830	134	0	Low risk	astrocytoma
492	TCGA-QH-A65R	-0.3806280	461	0	Low risk	oligodendroglioma
493	TCGA-QH-A65S	0.2589066	77	0	Low risk	oligoastrocytoma
494	TCGA-QH-A65V	0.3253113	384	0	Low risk	oligodendroglioma
495	TCGA-QH-A65X	-0.4633394	482	0	Low risk	oligoastrocytoma
496	TCGA-QH-A65Z	0.0253157	427	0	Low risk	oligodendroglioma
498	TCGA-QH-A6CU	0.5970756	451	0	Low risk	oligodendroglioma
500	TCGA-QH-A6CW	0.1560552	414	0	Low risk	oligoastrocytoma
501	TCGA-QH-A6CY	0.2970892	408	0	Low risk	oligoastrocytoma
502	TCGA-QH-A6CZ	-0.0544538	279	0	Low risk	oligoastrocytoma
503	TCGA-QH-A6X3	0.2134077	313	0	Low risk	oligoastrocytoma
504	TCGA-QH-A6X4	0.2027920	442	0	Low risk	oligoastrocytoma
505	TCGA-QH-A6X5	0.2060659	497	0	Low risk	oligoastrocytoma
506	TCGA-QH-A6X8	0.5648889	509	0	Low risk	oligodendroglioma
507	TCGA-QH-A6X9	0.3678961	58	0	Low risk	oligodendroglioma
508	TCGA-QH-A6XA	0.2131534	502	0	Low risk	oligoastrocytoma
509	TCGA-QH-A6XC	1.3147271	508	0	Low risk	astrocytoma
510	TCGA-QH-A86X	0.0758753	337	0	Low risk	oligodendroglioma
511	TCGA-QH-A870	0.3488001	395	0	Low risk	oligoastrocytoma
512	TCGA-R8-A6MK	0.3091820	2702	0	Low risk	oligodendroglioma
513	TCGA-R8-A6ML	-0.0197211	2860	0	Low risk	oligodendroglioma
514	TCGA-R8-A6MO	0.3892206	993	0	Low risk	oligodendroglioma
515	TCGA-R8-A73M	-0.2487164	1806	0	Low risk	oligodendroglioma
516	TCGA-RY-A83X	0.3098088	939	0	Low risk	oligodendroglioma
517	TCGA-RY-A83Y	0.1158851	166	0	Low risk	oligodendroglioma
518	TCGA-RY-A83Z	0.4933918	301	0	Low risk	astrocytoma
519	TCGA-RY-A840	-0.0335243	854	0	Low risk	oligodendroglioma
520	TCGA-RY-A843	0.4120580	63	0	Low risk	astrocytoma
521	TCGA-RY-A845	0.0336439	596	0	Low risk	oligoastrocytoma
522	TCGA-RY-A847	0.1059187	933	0	Low risk	oligodendroglioma
523	TCGA-S9-A6TS	0.2235610	1891	1	Low risk	astrocytoma
524	TCGA-S9-A6TU	-0.0105779	2650	0	Low risk	astrocytoma
525	TCGA-S9-A6TV	0.9402286	571	0	Low risk	oligoastrocytoma
526	TCGA-S9-A6TW	-0.2039077	1250	0	Low risk	oligodendroglioma
527	TCGA-S9-A6TX	0.0962131	1245	0	Low risk	oligodendroglioma
528	TCGA-S9-A6TY	0.0735375	1076	0	Low risk	oligodendroglioma
529	TCGA-S9-A6TZ	0.2357164	1120	0	Low risk	astrocytoma
531	TCGA-S9-A6U1	0.4794059	785	0	Low risk	astrocytoma
532	TCGA-S9-A6U2	0.3215313	908	0	Low risk	oligodendroglioma
533	TCGA-S9-A6U5	0.1057907	992	0	Low risk	astrocytoma
534	TCGA-S9-A6U6	0.1775051	1069	0	Low risk	astrocytoma
535	TCGA-S9-A6U8	0.5243957	2988	1	Low risk	astrocytoma
536	TCGA-S9-A6U9	0.3630227	2918	0	Low risk	astrocytoma
537	TCGA-S9-A6UB	0.0278102	3761	0	Low risk	oligodendroglioma

	Patient_ID	pi	time	status	group	histological_type
538	TCGA-S9-A6WD	-0.0102274	2289	0	Low risk	oligodendroglioma
539	TCGA-S9-A6WE	-0.1308943	4113	0	Low risk	oligodendroglioma
540	TCGA-S9-A6WG	1.2555645	2602	0	Low risk	astrocytoma
541	TCGA-S9-A6WH	-0.2636924	1173	0	Low risk	oligoastrocytoma
542	TCGA-S9-A6WI	0.5168163	2585	0	Low risk	oligoastrocytoma
543	TCGA-S9-A6WL	0.4024732	946	0	Low risk	astrocytoma
545	TCGA-S9-A6WN	0.5345412	805	0	Low risk	astrocytoma
546	TCGA-S9-A6WO	0.0341673	566	0	Low risk	astrocytoma
547	TCGA-S9-A6WP	0.3174744	567	0	Low risk	oligoastrocytoma
548	TCGA-S9-A6WQ	0.3994922	428	0	Low risk	oligoastrocytoma
549	TCGA-S9-A7IQ	0.2617649	1099	0	Low risk	oligoastrocytoma
552	TCGA-S9-A7IY	0.2379171	715	0	Low risk	oligoastrocytoma
553	TCGA-S9-A7IZ	0.3475086	608	0	Low risk	astrocytoma
555	TCGA-S9-A7J1	0.3060235	249	0	Low risk	oligodendroglioma
556	TCGA-S9-A7J2	-0.0453511	62	0	Low risk	oligodendroglioma
557	TCGA-S9-A7J3	0.3498768	629	0	Low risk	oligodendroglioma
558	TCGA-S9-A7QW	0.0130144	458	0	Low risk	astrocytoma
559	TCGA-S9-A7QX	-0.2703710	564	0	Low risk	astrocytoma
560	TCGA-S9-A7QY	0.3794694	863	0	Low risk	oligoastrocytoma
561	TCGA-S9-A7QZ	0.1616018	826	0	Low risk	oligodendroglioma
562	TCGA-S9-A7R1	-0.2521248	5166	1	Low risk	oligodendroglioma
564	TCGA-S9-A7R3	0.3888565	3013	0	Low risk	astrocytoma
565	TCGA-S9-A7R4	0.2011091	914	0	Low risk	astrocytoma
566	TCGA-S9-A7R7	0.7345547	3000	0	Low risk	astrocytoma
567	TCGA-S9-A7R8	0.1891098	961	1	Low risk	astrocytoma
568	TCGA-S9-A89Z	0.8343376	623	0	Low risk	astrocytoma
569	TCGA-TM-A7C3	1.4215586	1666	1	Low risk	astrocytoma
570	TCGA-TM-A7C4	0.3745852	1470	0	Low risk	astrocytoma
571	TCGA-TM-A7C5	-0.3922848	1500	0	Low risk	oligoastrocytoma
572	TCGA-TM-A7CA	0.1374984	1058	0	Low risk	astrocytoma
573	TCGA-TM-A7CF	0.1711159	1989	0	Low risk	astrocytoma
575	TCGA-TM-A84F	0.6291316	1796	0	Low risk	astrocytoma
576	TCGA-TM-A84G	-0.0615643	1236	0	Low risk	oligodendroglioma
577	TCGA-TM-A84H	0.3829021	926	0	Low risk	oligoastrocytoma
578	TCGA-TM-A84I	0.8376124	854	0	Low risk	astrocytoma
579	TCGA-TM-A84L	0.3121951	1242	1	Low risk	oligoastrocytoma
580	TCGA-TM-A84M	0.1699051	754	0	Low risk	oligodendroglioma
581	TCGA-TM-A84O	0.2172253	1011	1	Low risk	oligodendroglioma
582	TCGA-TM-A84Q	0.2114891	772	0	Low risk	astrocytoma
583	TCGA-TM-A84R	0.4905464	566	0	Low risk	oligodendroglioma
584	TCGA-TM-A84S	0.3014215	454	0	Low risk	oligodendroglioma
585	TCGA-TM-A84T	-0.3769519	724	0	Low risk	oligoastrocytoma
586	TCGA-TQ-A7RF	0.1970137	650	0	Low risk	oligodendroglioma
587	TCGA-TQ-A7RG	0.1825225	599	0	Low risk	oligoastrocytoma
588	TCGA-TQ-A7RH	0.4040777	486	0	Low risk	oligoastrocytoma
589	TCGA-TQ-A7RI	0.5067533	62	0	Low risk	oligodendroglioma
590	TCGA-TQ-A7RJ	0.5433505	1229	0	Low risk	oligoastrocytoma
591	TCGA-TQ-A7RK	0.4146763	1341	0	Low risk	oligoastrocytoma
592	TCGA-TQ-A7RM	1.1585744	1116	0	Low risk	oligoastrocytoma
593	TCGA-TQ-A7RN	0.0383355	1026	0	Low risk	oligodendroglioma
594	TCGA-TQ-A7RO	0.2401696	949	0	Low risk	oligoastrocytoma
595	TCGA-TQ-A7RQ	-0.2011570	795	0	Low risk	oligodendroglioma

	Patient_ID	pi	time	status	group	histological_type
596	TCGA-TQ-A7RR	0.2766095	787	0	Low risk	oligoastrocytoma
597	TCGA-TQ-A7RU	0.0688020	1032	0	Low risk	oligodendroglioma
598	TCGA-TQ-A7RV	0.0727592	1868	0	Low risk	astrocytoma
599	TCGA-TQ-A7RW	0.2953692	821	1	Low risk	oligodendroglioma
600	TCGA-TQ-A8XE	-0.3521419	954	1	Low risk	oligodendroglioma
601	TCGA-VM-A8C8	0.4550185	1397	0	Low risk	oligodendroglioma
602	TCGA-VM-A8CA	0.3414823	411	0	Low risk	oligodendroglioma
603	TCGA-VM-A8CB	-0.3196493	3	0	Low risk	oligodendroglioma
604	TCGA-VM-A8CE	0.3512620	1191	0	Low risk	oligodendroglioma
605	TCGA-VM-A8CF	0.3576688	609	0	Low risk	astrocytoma
606	TCGA-VM-A8CH	0.1542662	714	0	Low risk	astrocytoma
607	TCGA-VV-A829	-0.2117454	1127	0	Low risk	oligoastrocytoma
608	TCGA-VV-A86M	-0.3786705	487	0	Low risk	astrocytoma
609	TCGA-VW-A7QS	0.7319528	706	0	Low risk	oligodendroglioma
611	TCGA-W9-A837	0.1001558	1553	0	Low risk	oligodendroglioma
612	TCGA-WH-A86K	-0.0255704	405	0	Low risk	astrocytoma
613	TCGA-WY-A858	0.5689413	1337	0	Low risk	astrocytoma
614	TCGA-WY-A859	0.4919897	1213	0	Low risk	astrocytoma
615	TCGA-WY-A85A	0.0470134	1320	0	Low risk	astrocytoma
616	TCGA-WY-A85B	0.3275598	1393	0	Low risk	astrocytoma
617	TCGA-WY-A85C	-0.1539423	1426	0	Low risk	astrocytoma
618	TCGA-WY-A85D	0.3567635	1147	0	Low risk	oligoastrocytoma
619	TCGA-WY-A85E	-0.1317329	633	0	Low risk	oligoastrocytoma

HIGH-RISK-PATIENTS

	Patient_ID	pi	time	status	group	histological_type
1	TCGA-02-0047	1.658847	448	1	High risk	untreated primary (de novo) gbm
2	TCGA-02-0055	3.799596	76	1	High risk	untreated primary (de novo) gbm
3	TCGA-02-2483	2.205102	466	0	High risk	untreated primary (de novo) gbm
4	TCGA-02-2485	2.627715	470	0	High risk	untreated primary (de novo) gbm
5	TCGA-02-2486	3.390963	618	1	High risk	untreated primary (de novo) gbm
6	TCGA-06-0125	2.368645	1448	1	High risk	untreated primary (de novo) gbm
7	TCGA-06-0129	2.372758	1024	1	High risk	untreated primary (de novo) gbm
8	TCGA-06-0130	3.244289	394	1	High risk	untreated primary (de novo) gbm
9	TCGA-06-0132	2.265174	771	1	High risk	untreated primary (de novo) gbm
10	TCGA-06-0138	2.642100	737	1	High risk	untreated primary (de novo) gbm
11	TCGA-06-0141	3.200941	313	1	High risk	untreated primary (de novo) gbm
12	TCGA-06-0157	2.836329	97	1	High risk	untreated primary (de novo) gbm
13	TCGA-06-0158	2.864433	329	1	High risk	untreated primary (de novo) gbm
14	TCGA-06-0168	2.510193	598	1	High risk	untreated primary (de novo) gbm
15	TCGA-06-0174	3.216891	98	1	High risk	untreated primary (de novo) gbm
17	TCGA-06-0184	2.170623	2126	1	High risk	untreated primary (de novo) gbm
18	TCGA-06-0187	2.487680	828	1	High risk	untreated primary (de novo) gbm
19	TCGA-06-0190	3.249504	317	1	High risk	untreated primary (de novo) gbm
20	TCGA-06-0210	2.949626	225	1	High risk	untreated primary (de novo) gbm
21	TCGA-06-0211	2.359709	360	1	High risk	untreated primary (de novo) gbm
22	TCGA-06-0219	3.915126	22	1	High risk	untreated primary (de novo) gbm
23	TCGA-06-0238	2.669212	405	1	High risk	untreated primary (de novo) gbm
24	TCGA-06-0644	3.915873	384	1	High risk	untreated primary (de novo) gbm
25	TCGA-06-0645	2.588241	175	1	High risk	untreated primary (de novo) gbm
26	TCGA-06-0646	3.127514	175	1	High risk	untreated primary (de novo) gbm

	Patient_ID	pi	time	status	group	histological_type		
27	TCGA-06-0649	2.376672	64	1	High risk	untreated	primary (de novo)	gbm
28	TCGA-06-0686	3.361201	432	1	High risk	untreated	primary (de novo)	gbm
29	TCGA-06-0743	2.510626	803	1	High risk	untreated	primary (de novo)	gbm
30	TCGA-06-0744	1.827837	1426	1	High risk	untreated	primary (de novo)	gbm
31	TCGA-06-0745	3.743923	239	1	High risk	untreated	primary (de novo)	gbm
32	TCGA-06-0747	3.259992	82	1	High risk	untreated	primary (de novo)	gbm
33	TCGA-06-0749	2.987257	82	1	High risk	untreated	primary (de novo)	gbm
34	TCGA-06-0750	3.120389	28	1	High risk	untreated	primary (de novo)	gbm
35	TCGA-06-0878	3.259942	218	0	High risk	untreated	primary (de novo)	gbm
36	TCGA-06-0882	2.750977	632	1	High risk	untreated	primary (de novo)	gbm
37	TCGA-06-1804	2.202995	414	1	High risk	untreated	primary (de novo)	gbm
38	TCGA-06-2557	3.025562	33	1	High risk	untreated	primary (de novo)	gbm
39	TCGA-06-2558	2.768820	380	1	High risk	untreated	primary (de novo)	gbm
40	TCGA-06-2559	2.944214	150	1	High risk	untreated	primary (de novo)	gbm
41	TCGA-06-2561	2.489022	537	1	High risk	untreated	primary (de novo)	gbm
42	TCGA-06-2562	2.799836	382	1	High risk	untreated	primary (de novo)	gbm
43	TCGA-06-2563	2.224121	932	0	High risk	untreated	primary (de novo)	gbm
44	TCGA-06-2564	2.548910	181	0	High risk	untreated	primary (de novo)	gbm
45	TCGA-06-2565	2.064720	506	1	High risk	untreated	primary (de novo)	gbm
46	TCGA-06-2567	2.805668	133	1	High risk	untreated	primary (de novo)	gbm
47	TCGA-06-2569	2.441461	13	0	High risk	untreated	primary (de novo)	gbm
48	TCGA-06-2570	1.763463	958	0	High risk	untreated	primary (de novo)	gbm
49	TCGA-06-5408	2.775775	357	1	High risk	untreated	primary (de novo)	gbm
50	TCGA-06-5410	3.818496	108	1	High risk	untreated	primary (de novo)	gbm
51	TCGA-06-5411	2.101075	254	1	High risk	untreated	primary (de novo)	gbm
52	TCGA-06-5412	3.568039	138	1	High risk	untreated	primary (de novo)	gbm
53	TCGA-06-5413	3.733176	268	0	High risk	untreated	primary (de novo)	gbm
54	TCGA-06-5414	2.020053	273	0	High risk	untreated	primary (de novo)	gbm
55	TCGA-06-5415	2.337733	260	0	High risk	untreated	primary (de novo)	gbm
56	TCGA-06-5418	2.501077	83	1	High risk	untreated	primary (de novo)	gbm
57	TCGA-06-5856	3.220444	114	1	High risk	untreated	primary (de novo)	gbm
58	TCGA-06-5858	3.046639	187	0	High risk	untreated	primary (de novo)	gbm
59	TCGA-06-5859	3.362989	139	0	High risk	untreated	primary (de novo)	gbm
60	TCGA-08-0386	2.616140	548	1	High risk	untreated	primary (de novo)	gbm
61	TCGA-12-0616	3.082483	448	1	High risk	untreated	primary (de novo)	gbm
62	TCGA-12-0618	2.167296	395	1	High risk	untreated	primary (de novo)	gbm
63	TCGA-12-0619	3.261156	1062	1	High risk	untreated	primary (de novo)	gbm
64	TCGA-12-0821	3.618221	323	1	High risk	untreated	primary (de novo)	gbm
65	TCGA-12-3650	3.632597	333	1	High risk	untreated	primary (de novo)	gbm
66	TCGA-12-3652	2.724444	1062	1	High risk	untreated	primary (de novo)	gbm
67	TCGA-12-3653	3.300548	442	1	High risk	untreated	primary (de novo)	gbm
68	TCGA-12-5295	3.495345	454	1	High risk	untreated	primary (de novo)	gbm
69	TCGA-12-5299	3.420815	98	1	High risk	untreated	primary (de novo)	gbm
70	TCGA-14-0781	2.866164	29	1	High risk	untreated	primary (de novo)	gbm
71	TCGA-14-0787	3.214696	68	1	High risk	untreated	primary (de novo)	gbm
72	TCGA-14-0789	3.113405	342	1	High risk	untreated	primary (de novo)	gbm
73	TCGA-14-0790	2.171624	419	1	High risk	untreated	primary (de novo)	gbm
74	TCGA-14-0817	3.400909	164	1	High risk	untreated	primary (de novo)	gbm
75	TCGA-14-1034	2.101294	485	1	High risk	untreated	primary (de novo)	gbm
76	TCGA-14-1823	2.459416	543	1	High risk	untreated	primary (de novo)	gbm
77	TCGA-14-1825	2.834928	232	1	High risk	untreated	primary (de novo)	gbm
78	TCGA-14-1829	3.786402	218	0	High risk	untreated	primary (de novo)	gbm

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79	TCGA-14-2554	2.864808	532	1	High risk	untreated	primary (de novo)	gbm
80	TCGA-15-0742	2.984752	419	1	High risk	untreated	primary (de novo)	gbm
81	TCGA-16-0846	2.311249	119	1	High risk	untreated	primary (de novo)	gbm
82	TCGA-16-1045	2.578289	883	1	High risk	untreated	primary (de novo)	gbm
83	TCGA-19-1390	2.763480	772	1	High risk	untreated	primary (de novo)	gbm
84	TCGA-19-2619	2.819935	294	0	High risk	untreated	primary (de novo)	gbm
85	TCGA-19-2620	2.189901	148	1	High risk	untreated	primary (de novo)	gbm
86	TCGA-19-2624	3.771387	5	1	High risk	untreated	primary (de novo)	gbm
87	TCGA-19-2625	2.658958	124	1	High risk	untreated	primary (de novo)	gbm
89	TCGA-19-5960	2.429767	455	1	High risk	untreated	primary (de novo)	gbm
91	TCGA-26-5132	3.281066	286	0	High risk	untreated	primary (de novo)	gbm
93	TCGA-26-5134	2.494193	167	0	High risk	untreated	primary (de novo)	gbm
94	TCGA-26-5135	2.451439	270	1	High risk	untreated	primary (de novo)	gbm
95	TCGA-26-5136	2.798279	577	1	High risk	untreated	primary (de novo)	gbm
96	TCGA-26-5139	2.756262	48	0	High risk	untreated	primary (de novo)	gbm
97	TCGA-27-1830	2.812276	154	1	High risk	untreated	primary (de novo)	gbm
98	TCGA-27-1831	3.816811	505	1	High risk	untreated	primary (de novo)	gbm
99	TCGA-27-1832	3.466352	300	1	High risk	untreated	primary (de novo)	gbm
100	TCGA-27-1834	2.380150	1233	1	High risk	untreated	primary (de novo)	gbm
101	TCGA-27-1835	2.314523	648	1	High risk	untreated	primary (de novo)	gbm
102	TCGA-27-1837	2.719047	427	1	High risk	untreated	primary (de novo)	gbm
103	TCGA-27-2519	2.984147	550	1	High risk	untreated	primary (de novo)	gbm
105	TCGA-27-2523	2.676531	489	1	High risk	untreated	primary (de novo)	gbm
106	TCGA-27-2524	3.250830	231	1	High risk	untreated	primary (de novo)	gbm
107	TCGA-27-2526	3.301729	87	1	High risk	untreated	primary (de novo)	gbm
108	TCGA-27-2528	2.704301	480	1	High risk	untreated	primary (de novo)	gbm
109	TCGA-28-1747	2.744234	77	1	High risk	untreated	primary (de novo)	gbm
110	TCGA-28-1753	3.244311	37	0	High risk	untreated	primary (de novo)	gbm
111	TCGA-28-2509	3.774139	145	0	High risk	untreated	primary (de novo)	gbm
112	TCGA-28-2513	2.966990	222	0	High risk	untreated	primary (de novo)	gbm
113	TCGA-28-2514	2.339067	160	0	High risk	untreated	primary (de novo)	gbm
114	TCGA-28-5204	2.600095	454	1	High risk	untreated	primary (de novo)	gbm
115	TCGA-28-5207	2.006062	343	1	High risk	untreated	primary (de novo)	gbm
116	TCGA-28-5208	2.582224	544	1	High risk	untreated	primary (de novo)	gbm
117	TCGA-28-5209	2.648137	442	0	High risk	untreated	primary (de novo)	gbm
118	TCGA-28-5213	2.869061	951	0	High risk	untreated	primary (de novo)	gbm
119	TCGA-28-5215	3.242767	335	1	High risk	untreated	primary (de novo)	gbm
120	TCGA-28-5216	2.312079	415	0	High risk	untreated	primary (de novo)	gbm
121	TCGA-28-5218	3.553100	157	1	High risk	untreated	primary (de novo)	gbm
122	TCGA-28-5220	3.461235	388	1	High risk	untreated	primary (de novo)	gbm
123	TCGA-32-1970	2.605705	468	1	High risk	untreated	primary (de novo)	gbm
124	TCGA-32-1980	2.286806	36	1	High risk	untreated	primary (de novo)	gbm
125	TCGA-32-1982	3.159751	142	1	High risk	untreated	primary (de novo)	gbm
126	TCGA-32-2615	2.478289	485	1	High risk	untreated	primary (de novo)	gbm
127	TCGA-32-2632	3.136832	269	1	High risk	untreated	primary (de novo)	gbm
128	TCGA-32-2634	2.713312	693	0	High risk	untreated	primary (de novo)	gbm
129	TCGA-32-2638	2.510982	766	1	High risk	untreated	primary (de novo)	gbm
130	TCGA-32-4213	3.126056	604	0	High risk	untreated	primary (de novo)	gbm
131	TCGA-32-5222	2.372347	585	1	High risk	untreated	primary (de novo)	gbm
132	TCGA-41-2571	2.383812	26	1	High risk	untreated	primary (de novo)	gbm
133	TCGA-41-2572	2.515172	406	1	High risk	untreated	primary (de novo)	gbm
134	TCGA-41-3915	3.056364	360	1	High risk	untreated	primary (de novo)	gbm

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135	TCGA-41-4097	2.758021	6	1	High risk	untreated primary (de novo) gbm
136	TCGA-41-5651	2.775939	460	1	High risk	untreated primary (de novo) gbm
137	TCGA-76-4925	4.315483	146	1	High risk	untreated primary (de novo) gbm
138	TCGA-76-4926	3.498926	138	1	High risk	untreated primary (de novo) gbm
139	TCGA-76-4928	3.211550	94	1	High risk	untreated primary (de novo) gbm
140	TCGA-76-4929	2.446950	111	1	High risk	untreated primary (de novo) gbm
141	TCGA-76-4931	2.411556	279	1	High risk	untreated primary (de novo) gbm
143	TCGA-CS-4941	2.103942	234	1	High risk	astrocytoma
151	TCGA-CS-5397	2.006058	194	1	High risk	astrocytoma
152	TCGA-CS-6186	1.466225	538	1	High risk	oligoastrocytoma
180	TCGA-DB-A64O	1.799363	775	1	High risk	oligoastrocytoma
207	TCGA-DU-5847	2.113204	548	0	High risk	astrocytoma
210	TCGA-DU-5852	1.840813	205	1	High risk	oligoastrocytoma
212	TCGA-DU-5854	2.060794	257	0	High risk	astrocytoma
226	TCGA-DU-6402	2.251926	214	1	High risk	astrocytoma
227	TCGA-DU-6403	2.603647	354	1	High risk	oligoastrocytoma
228	TCGA-DU-6405	2.386359	605	1	High risk	astrocytoma
229	TCGA-DU-6406	2.539334	512	1	High risk	oligoastrocytoma
233	TCGA-DU-7006	2.245631	349	1	High risk	astrocytoma
239	TCGA-DU-7012	2.414213	199	1	High risk	astrocytoma
240	TCGA-DU-7013	2.206220	269	1	High risk	astrocytoma
244	TCGA-DU-7290	2.152500	315	1	High risk	astrocytoma
254	TCGA-DU-8158	1.974422	155	1	High risk	astrocytoma
255	TCGA-DU-8161	2.479005	722	1	High risk	oligoastrocytoma
258	TCGA-DU-8165	2.424661	582	0	High risk	oligodendroglioma
265	TCGA-DU-A5TT	1.846814	743	0	High risk	oligodendroglioma
268	TCGA-DU-A5TY	1.517034	1033	1	High risk	astrocytoma
275	TCGA-DU-A76L	2.703470	814	1	High risk	oligodendroglioma
282	TCGA-DU-A7TD	2.346867	228	1	High risk	oligoastrocytoma
284	TCGA-DU-A7TJ	2.163867	17	0	High risk	astrocytoma
287	TCGA-E1-5304	1.530542	1251	1	High risk	astrocytoma
294	TCGA-E1-A7YD	2.801468	435	1	High risk	astrocytoma
297	TCGA-E1-A7YI	1.833178	111	1	High risk	astrocytoma
300	TCGA-E1-A7YL	2.690494	492	1	High risk	astrocytoma
301	TCGA-E1-A7YM	1.684808	648	1	High risk	astrocytoma
302	TCGA-E1-A7YN	1.882326	727	1	High risk	astrocytoma
304	TCGA-E1-A7YQ	1.722085	1578	1	High risk	oligodendroglioma
320	TCGA-FG-6688	1.700153	571	0	High risk	astrocytoma
324	TCGA-FG-6692	1.750936	561	1	High risk	oligodendroglioma
339	TCGA-FG-A4MU	1.923575	326	0	High risk	oligoastrocytoma
340	TCGA-FG-A4MW	1.476749	559	1	High risk	oligoastrocytoma
350	TCGA-FG-A70Z	1.855354	328	0	High risk	oligoastrocytoma
355	TCGA-FG-A87Q	1.775807	174	0	High risk	astrocytoma
366	TCGA-HT-7477	1.982781	738	0	High risk	astrocytoma
404	TCGA-HT-7860	1.881685	15	0	High risk	astrocytoma
412	TCGA-HT-7882	1.991333	113	1	High risk	oligodendroglioma
416	TCGA-HT-8011	2.550661	494	0	High risk	astrocytoma
420	TCGA-HT-8104	2.102156	372	0	High risk	astrocytoma
425	TCGA-HT-8110	2.233858	419	0	High risk	astrocytoma
429	TCGA-HT-8563	1.593938	860	0	High risk	astrocytoma
435	TCGA-HT-A5RA	2.736318	832	0	High risk	astrocytoma
441	TCGA-HT-A617	2.193607	491	0	High risk	oligodendroglioma

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446	TCGA-HT-A61C	2.833220	537	1	High risk	oligodendroglioma
447	TCGA-HT-A74H	1.886448	74	0	High risk	astrocytoma
463	TCGA-HW-A5KK	1.877871	388	1	High risk	astrocytoma
469	TCGA-KT-A7W1	2.894549	438	0	High risk	astrocytoma
478	TCGA-P5-A72U	2.294644	7	0	High risk	oligodendroglioma
497	TCGA-QH-A6CS	2.497610	588	0	High risk	astrocytoma
499	TCGA-QH-A6CV	2.099989	442	0	High risk	oligoastrocytoma
530	TCGA-S9-A6U0	2.666445	742	1	High risk	astrocytoma
544	TCGA-S9-A6WM	2.376419	604	0	High risk	astrocytoma
550	TCGA-S9-A7IS	2.017187	241	1	High risk	astrocytoma
551	TCGA-S9-A7IX	1.469223	819	1	High risk	astrocytoma
554	TCGA-S9-A7J0	1.961757	609	0	High risk	oligodendroglioma
563	TCGA-S9-A7R2	2.452341	316	1	High risk	astrocytoma
574	TCGA-TM-A84B	2.005940	758	1	High risk	astrocytoma
610	TCGA-VW-A8FI	1.850023	245	1	High risk	astrocytoma