

PANGLIOMA_2016_ALL

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

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

## no. of lgg cases = 494

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

PANGLIOMA (LGG+GBM) ANALYSIS

PANGLIOMA_2016_ALL (10 EPV):

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

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

## lambda value_2016_ALL = 0.0615715820888934
```

Table 1: Model coefficients (Panglioma_2016_ALL_10EPV)

	coef
AGAP4	-0.0003946
DHRS4	-0.0001262
EEF1A1P9	-0.0000744
RPL7A	-0.0000351
HMP19	-0.0000245
SNAP91	-0.0000188
USP34	-0.0000046
SAMD8	-0.0000038
EIF3L	-0.0000023
TMEM176A	0.0000009
MYBL2	0.0000012

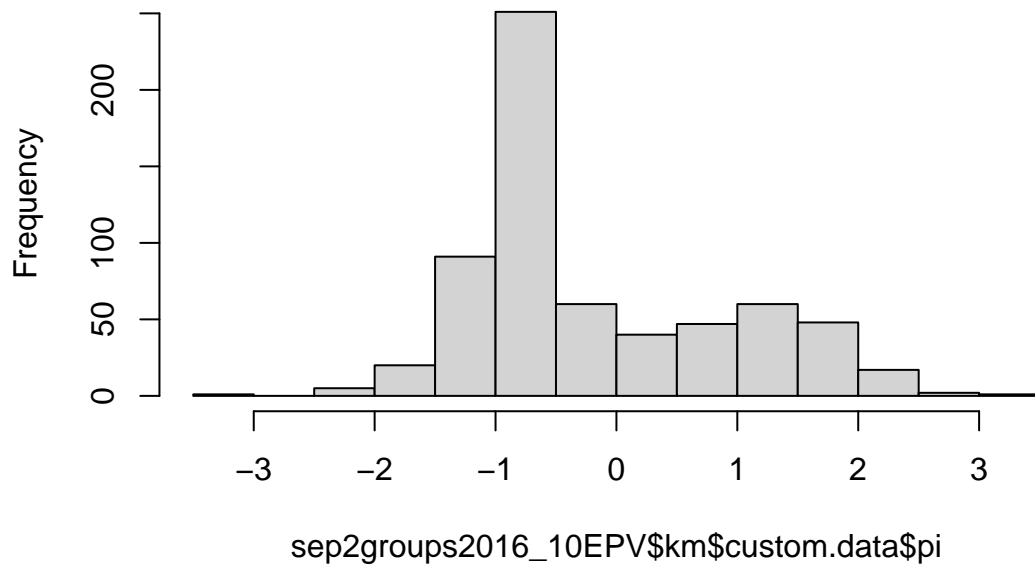
	coef
POM121C	0.0000266
OSCAR	0.0000648
RRM2	0.0000912
GTF2IRD2	0.0001066
CLEC18B	0.0001315
S100A11	0.0001526
PABPC3	0.0001784
CDC6	0.0003554
FAM115C	0.0003951
KIF20A	0.0004450
AURKA	0.0004832
CLEC18A	0.0009830
SGOL1	0.0010344

Number of variables of final model = 24

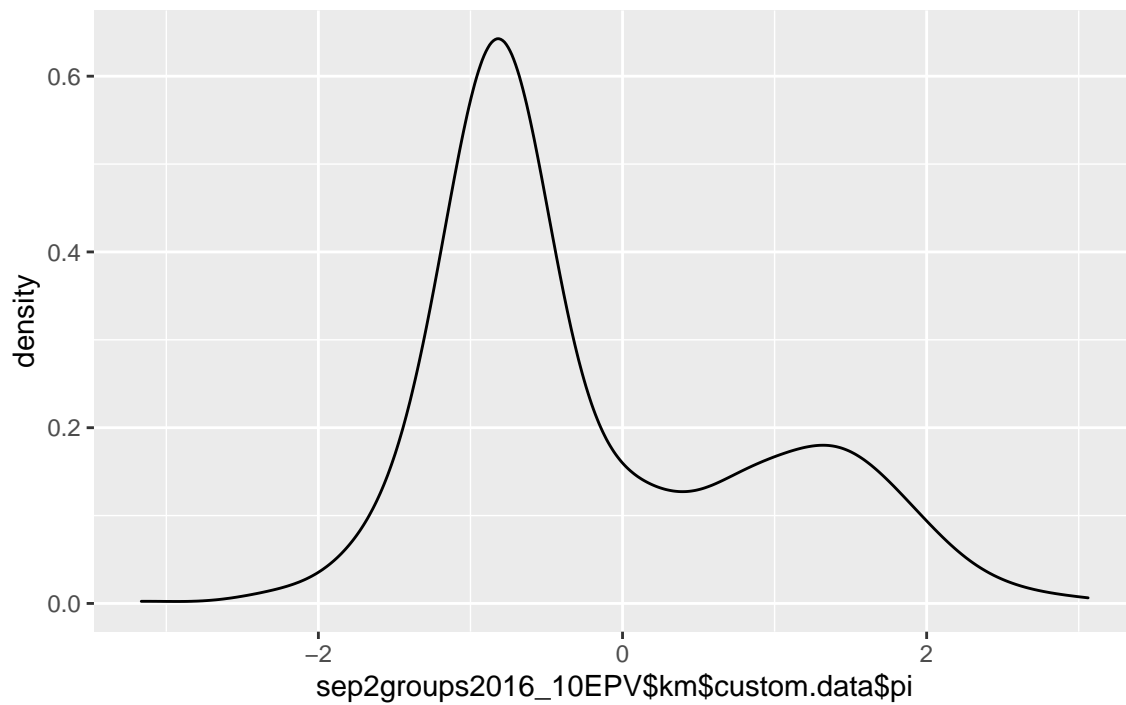
Stratification of patients (High-/Low-risk group)

Prognostic Index (PI) distribution

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

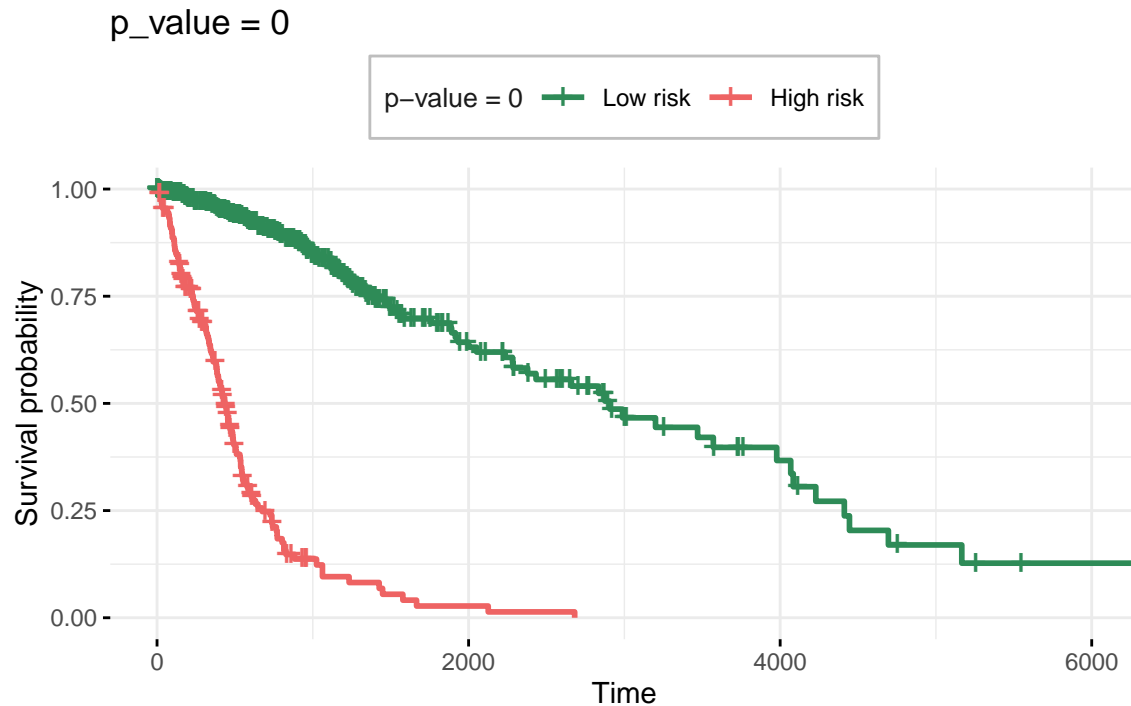


Panglioma: Density of Prognostic Index



semi-automatic calculation of PI threshold

```
## [1] "PI_THRESHOLD = 0.394779"
## [1] "Percentil = 0.7216"
## Call: survfit(formula = survival::Surv(time, status) ~ group, data = prognostic.index.df)
##
##           n events median 0.95LCL 0.95UCL
## Low risk  464     96   2907    2379    4068
## High risk  179    137    435     385     489
```



Kaplan-Meier survival results

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

Percentages

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

LOW-RISK GROUP

```
## % GBM in Low-risk group: 0.216
## % LGG in Low-risk group: 99.784
## % Astrocytomas in Low-risk group: 36.422
## % oligodendroglioma in Low-risk group: 39.009
```

% MIX_or_oligoastrocytoma in Low-risk group: 24.353

HIGH-RISK GROUP

% GBM in High-risk group: 82.682

% LGG in High-risk group: 17.318

% Astrocytomas in High-risk group: 13.408

% oligodendroglioma in High-risk group: 3.911

% MIX_or_oligoastrocytoma in High-risk group: 0

FINAL TABLES

LOW-RISK-PATIENTS

	Patient_ID	pi	time	status	group	histological_type
96	TCGA-26-1442	-0.1314577	953	0	Low risk	untreated primary (de novo) gbm
150	TCGA-CS-4938	-0.8088322	3574	0	Low risk	astrocytoma
151	TCGA-CS-4941	0.2293591	234	1	Low risk	astrocytoma
152	TCGA-CS-4942	-0.6599109	1335	1	Low risk	astrocytoma
153	TCGA-CS-4943	0.0963122	1106	1	Low risk	astrocytoma
154	TCGA-CS-4944	-1.0622960	1828	0	Low risk	astrocytoma
155	TCGA-CS-5393	-1.1115291	1222	0	Low risk	astrocytoma
156	TCGA-CS-5394	-0.9530116	8	0	Low risk	astrocytoma
157	TCGA-CS-5395	0.1709491	639	1	Low risk	oligodendroglioma
158	TCGA-CS-5396	-0.4950651	1631	0	Low risk	oligodendroglioma
159	TCGA-CS-5397	0.2782294	194	1	Low risk	astrocytoma
161	TCGA-CS-6290	-0.5778614	1137	1	Low risk	astrocytoma
162	TCGA-CS-6665	-0.5681051	1568	0	Low risk	astrocytoma
163	TCGA-CS-6666	-0.9284775	1428	0	Low risk	astrocytoma
164	TCGA-CS-6667	-1.2913785	1469	0	Low risk	astrocytoma
165	TCGA-CS-6668	-1.1168521	1519	0	Low risk	oligodendroglioma
166	TCGA-CS-6669	-0.7622892	1494	0	Low risk	oligodendroglioma
167	TCGA-CS-6670	-1.0410530	1426	0	Low risk	oligodendroglioma
168	TCGA-DB-5270	-0.5006207	3733	0	Low risk	oligoastrocytoma
169	TCGA-DB-5273	-0.6068808	2493	0	Low risk	astrocytoma
170	TCGA-DB-5274	-3.1647028	2289	0	Low risk	oligoastrocytoma
171	TCGA-DB-5275	-1.0158028	1458	0	Low risk	oligoastrocytoma
172	TCGA-DB-5276	-0.4633382	2218	0	Low risk	oligoastrocytoma
173	TCGA-DB-5277	-0.8295360	1547	1	Low risk	astrocytoma
174	TCGA-DB-5278	-1.0557695	2772	0	Low risk	oligodendroglioma
175	TCGA-DB-5279	-0.6495539	1354	0	Low risk	oligodendroglioma
176	TCGA-DB-5280	-0.7141317	1112	0	Low risk	oligoastrocytoma
177	TCGA-DB-5281	-0.6037906	2381	0	Low risk	oligoastrocytoma
178	TCGA-DB-A4X9	-0.7289539	1412	0	Low risk	oligoastrocytoma
179	TCGA-DB-A4XA	-1.2516619	573	0	Low risk	oligoastrocytoma
180	TCGA-DB-A4XB	-0.5803626	919	0	Low risk	astrocytoma
181	TCGA-DB-A4XC	-0.6139840	1421	0	Low risk	oligoastrocytoma
182	TCGA-DB-A4XD	-0.9898592	1210	0	Low risk	astrocytoma
183	TCGA-DB-A4XE	-0.6936790	1139	0	Low risk	oligoastrocytoma
184	TCGA-DB-A4XF	-0.4937114	1021	0	Low risk	astrocytoma
185	TCGA-DB-A4XG	-1.0466661	2219	0	Low risk	oligodendroglioma

	Patient_ID	pi	time	status	group	histological_type
186	TCGA-DB-A4XH	-0.9357256	962	0	Low risk	oligoastrocytoma
187	TCGA-DB-A64L	-0.9182371	736	0	Low risk	oligodendroglioma
188	TCGA-DB-A64P	-0.7843409	916	0	Low risk	oligodendroglioma
189	TCGA-DB-A64Q	-0.7804983	182	0	Low risk	oligoastrocytoma
190	TCGA-DB-A64R	-1.1889501	955	0	Low risk	oligodendroglioma
191	TCGA-DB-A64S	-0.8971339	835	0	Low risk	oligoastrocytoma
192	TCGA-DB-A64U	-0.9970478	846	0	Low risk	oligoastrocytoma
193	TCGA-DB-A64V	-0.9041266	889	0	Low risk	oligodendroglioma
194	TCGA-DB-A64W	-0.7332523	438	1	Low risk	oligoastrocytoma
195	TCGA-DB-A64X	-1.4470478	563	0	Low risk	astrocytoma
196	TCGA-DB-A75K	-0.7838550	368	0	Low risk	oligoastrocytoma
197	TCGA-DB-A75L	-0.6612584	342	0	Low risk	astrocytoma
198	TCGA-DB-A75M	-0.9275923	544	0	Low risk	astrocytoma
199	TCGA-DB-A75O	-0.7966964	935	0	Low risk	astrocytoma
200	TCGA-DB-A75P	-0.5333467	492	0	Low risk	astrocytoma
201	TCGA-DH-5141	-1.3112495	968	0	Low risk	oligodendroglioma
202	TCGA-DH-5142	-0.8838428	1943	0	Low risk	astrocytoma
203	TCGA-DH-5143	-0.9572548	1401	0	Low risk	oligoastrocytoma
204	TCGA-DH-5144	-1.6333534	748	0	Low risk	oligodendroglioma
205	TCGA-DH-A669	0.2479988	919	1	Low risk	oligodendroglioma
206	TCGA-DH-A66B	-0.6876608	1279	0	Low risk	astrocytoma
207	TCGA-DH-A66D	-0.8385042	846	0	Low risk	astrocytoma
208	TCGA-DH-A66F	-0.9024901	523	0	Low risk	oligodendroglioma
209	TCGA-DH-A66G	-0.3187696	523	0	Low risk	oligodendroglioma
210	TCGA-DH-A7UR	-0.7973371	1650	0	Low risk	oligodendroglioma
211	TCGA-DH-A7US	-0.9333020	706	0	Low risk	oligodendroglioma
212	TCGA-DH-A7UT	-0.9820946	531	1	Low risk	astrocytoma
213	TCGA-DH-A7UU	-0.3021108	417	0	Low risk	astrocytoma
214	TCGA-DH-A7UV	-0.9385681	566	0	Low risk	astrocytoma
216	TCGA-DU-5849	-0.7920747	443	0	Low risk	oligodendroglioma
217	TCGA-DU-5851	-0.7680224	531	0	Low risk	oligoastrocytoma
218	TCGA-DU-5853	-0.8821591	407	0	Low risk	oligoastrocytoma
219	TCGA-DU-5854	0.0534191	257	0	Low risk	astrocytoma
220	TCGA-DU-5855	-0.9713351	207	0	Low risk	oligoastrocytoma
221	TCGA-DU-5870	-0.8494704	5546	0	Low risk	oligodendroglioma
222	TCGA-DU-5871	-1.2153391	576	0	Low risk	oligoastrocytoma
223	TCGA-DU-5872	-0.6961602	532	0	Low risk	oligoastrocytoma
224	TCGA-DU-5874	-0.9352016	461	0	Low risk	oligodendroglioma
225	TCGA-DU-6392	-0.2733615	6423	0	Low risk	astrocytoma
226	TCGA-DU-6393	-0.7047630	1585	1	Low risk	oligodendroglioma
227	TCGA-DU-6394	-0.5854798	682	1	Low risk	oligodendroglioma
228	TCGA-DU-6395	-0.9871787	1491	1	Low risk	oligoastrocytoma
229	TCGA-DU-6396	-0.8414576	2286	1	Low risk	oligoastrocytoma
230	TCGA-DU-6397	-0.8714711	1401	1	Low risk	oligodendroglioma
231	TCGA-DU-6399	-0.7071723	2000	1	Low risk	oligodendroglioma
232	TCGA-DU-6400	-1.2372966	37	1	Low risk	oligodendroglioma
233	TCGA-DU-6401	-1.2364875	2660	1	Low risk	oligodendroglioma
235	TCGA-DU-6404	-0.5752040	4068	1	Low risk	oligodendroglioma
237	TCGA-DU-6407	-0.8786463	2875	1	Low risk	oligodendroglioma
238	TCGA-DU-6408	-0.8191974	3470	1	Low risk	oligodendroglioma
239	TCGA-DU-6410	-1.4921480	242	0	Low risk	oligodendroglioma
241	TCGA-DU-7007	-0.6416991	1915	1	Low risk	astrocytoma

	Patient_ID	pi	time	status	group	histological_type
242	TCGA-DU-7008	-1.1464112	4752	0	Low risk	oligodendroglioma
243	TCGA-DU-7009	-1.0166740	4695	1	Low risk	oligodendroglioma
244	TCGA-DU-7010	-0.1566184	456	1	Low risk	astrocytoma
245	TCGA-DU-7011	-0.8983424	3200	1	Low risk	oligoastrocytoma
246	TCGA-DU-7012	0.1251102	199	1	Low risk	astrocytoma
248	TCGA-DU-7014	-1.8146454	3571	1	Low risk	oligodendroglioma
249	TCGA-DU-7015	-0.9032972	2761	0	Low risk	oligodendroglioma
250	TCGA-DU-7018	-1.7795091	933	1	Low risk	oligodendroglioma
251	TCGA-DU-7019	-0.8926520	800	0	Low risk	oligoastrocytoma
253	TCGA-DU-7292	0.0027676	242	1	Low risk	astrocytoma
254	TCGA-DU-7294	-1.7226538	2869	0	Low risk	oligodendroglioma
255	TCGA-DU-7298	-0.4618901	576	1	Low risk	astrocytoma
256	TCGA-DU-7299	-0.8885987	1339	1	Low risk	astrocytoma
257	TCGA-DU-7300	-1.0101317	1886	1	Low risk	oligodendroglioma
258	TCGA-DU-7301	-1.1655827	788	1	Low risk	oligodendroglioma
259	TCGA-DU-7302	-0.9126222	1834	0	Low risk	oligodendroglioma
260	TCGA-DU-7304	-0.5380869	709	1	Low risk	oligoastrocytoma
261	TCGA-DU-7306	-0.7086444	1277	0	Low risk	oligoastrocytoma
262	TCGA-DU-7309	-0.8925682	84	0	Low risk	oligodendroglioma
263	TCGA-DU-8158	0.1985792	155	1	Low risk	astrocytoma
264	TCGA-DU-8163	-0.4461726	629	0	Low risk	oligoastrocytoma
265	TCGA-DU-8164	-0.9839984	651	0	Low risk	oligodendroglioma
267	TCGA-DU-8166	-0.8362890	516	0	Low risk	oligoastrocytoma
268	TCGA-DU-8167	-1.2384553	471	0	Low risk	oligoastrocytoma
269	TCGA-DU-8168	-0.7541888	431	0	Low risk	oligodendroglioma
270	TCGA-DU-A5TP	-0.3293054	1012	0	Low risk	astrocytoma
271	TCGA-DU-A5TR	-0.0770405	908	0	Low risk	oligoastrocytoma
272	TCGA-DU-A5TS	-1.4381731	964	0	Low risk	oligodendroglioma
273	TCGA-DU-A5TT	-0.1951108	743	0	Low risk	oligodendroglioma
274	TCGA-DU-A5TU	-0.6523303	796	0	Low risk	astrocytoma
275	TCGA-DU-A5TW	-1.1109425	760	0	Low risk	astrocytoma
276	TCGA-DU-A5TY	0.3256342	1033	1	Low risk	astrocytoma
277	TCGA-DU-A6S2	-0.7253474	777	0	Low risk	oligodendroglioma
278	TCGA-DU-A6S3	-1.5817851	656	0	Low risk	oligodendroglioma
279	TCGA-DU-A6S6	-0.9716847	2893	0	Low risk	oligoastrocytoma
280	TCGA-DU-A6S7	-0.5971390	638	0	Low risk	astrocytoma
281	TCGA-DU-A6S8	-0.9804720	678	0	Low risk	oligodendroglioma
282	TCGA-DU-A76K	-0.3603902	347	1	Low risk	oligodendroglioma
284	TCGA-DU-A76O	-1.1982431	522	0	Low risk	astrocytoma
285	TCGA-DU-A76R	-0.6469124	648	1	Low risk	oligodendroglioma
286	TCGA-DU-A7T6	-0.3142617	547	1	Low risk	oligodendroglioma
287	TCGA-DU-A7T8	-1.3329431	4229	1	Low risk	oligoastrocytoma
288	TCGA-DU-A7TA	-0.6720589	2565	0	Low risk	oligodendroglioma
289	TCGA-DU-A7TB	-0.5645111	1567	0	Low risk	oligodendroglioma
290	TCGA-DU-A7TC	-0.8623285	1137	0	Low risk	astrocytoma
291	TCGA-DU-A7TG	-0.5289671	1351	1	Low risk	oligodendroglioma
292	TCGA-DU-A7TI	-0.5557599	1183	1	Low risk	astrocytoma
294	TCGA-E1-5302	-0.7368524	1525	1	Low risk	astrocytoma
295	TCGA-E1-5303	-0.6666456	2052	1	Low risk	astrocytoma
296	TCGA-E1-5304	0.2857370	1251	1	Low risk	astrocytoma
297	TCGA-E1-5305	-0.6458002	2433	1	Low risk	astrocytoma
298	TCGA-E1-5307	-1.0193527	1762	1	Low risk	astrocytoma

	Patient_ID	pi	time	status	group	histological_type
299	TCGA-E1-5311	-1.2364059	4084	1	Low risk	oligodendroglioma
300	TCGA-E1-5318	-1.6894203	2379	1	Low risk	oligodendroglioma
301	TCGA-E1-5319	-0.9870407	2907	1	Low risk	oligodendroglioma
302	TCGA-E1-5322	-0.9597813	3978	1	Low risk	oligoastrocytoma
304	TCGA-E1-A7YE	0.1674003	886	1	Low risk	astrocytoma
305	TCGA-E1-A7YH	-0.9069206	2835	1	Low risk	astrocytoma
307	TCGA-E1-A7YJ	0.2794263	592	1	Low risk	astrocytoma
308	TCGA-E1-A7YK	-0.2045345	378	1	Low risk	astrocytoma
310	TCGA-E1-A7YM	-0.1684460	648	1	Low risk	astrocytoma
312	TCGA-E1-A7YO	-0.8258128	2282	1	Low risk	oligodendroglioma
314	TCGA-E1-A7YS	-0.3652832	466	1	Low risk	oligodendroglioma
315	TCGA-E1-A7YU	-1.1422407	23	1	Low risk	oligoastrocytoma
316	TCGA-E1-A7YV	0.0387450	987	1	Low risk	oligoastrocytoma
317	TCGA-E1-A7YW	-0.8641612	1120	1	Low risk	oligoastrocytoma
318	TCGA-E1-A7YY	-0.6436523	4445	1	Low risk	oligodendroglioma
319	TCGA-E1-A7Z2	-0.1626637	398	1	Low risk	oligodendroglioma
320	TCGA-E1-A7Z3	-0.5093489	2235	1	Low risk	astrocytoma
321	TCGA-E1-A7Z4	-0.7824151	4412	1	Low risk	astrocytoma
322	TCGA-E1-A7Z6	-0.7177523	984	1	Low risk	astrocytoma
323	TCGA-EZ-7264	-0.9707519	1201	0	Low risk	oligodendroglioma
324	TCGA-F6-A8O3	-1.4179365	7	0	Low risk	oligodendroglioma
325	TCGA-F6-A8O4	-0.7351656	6	0	Low risk	astrocytoma
326	TCGA-FG-5962	-0.7654484	1453	0	Low risk	oligodendroglioma
327	TCGA-FG-5963	0.1531259	775	1	Low risk	astrocytoma
328	TCGA-FG-5964	-1.1330485	1588	0	Low risk	oligodendroglioma
329	TCGA-FG-5965	-0.6810970	1120	1	Low risk	oligoastrocytoma
330	TCGA-FG-6688	0.0290907	571	0	Low risk	astrocytoma
331	TCGA-FG-6689	-1.1429401	454	0	Low risk	astrocytoma
332	TCGA-FG-6690	-1.0188890	1294	0	Low risk	oligodendroglioma
333	TCGA-FG-6691	-0.7867571	1257	0	Low risk	astrocytoma
335	TCGA-FG-7634	-0.2740237	467	0	Low risk	oligodendroglioma
336	TCGA-FG-7636	-1.6106261	544	0	Low risk	astrocytoma
337	TCGA-FG-7637	-1.5251113	1219	0	Low risk	oligoastrocytoma
338	TCGA-FG-7638	-1.0303611	686	0	Low risk	oligodendroglioma
339	TCGA-FG-7641	-0.7063203	627	0	Low risk	oligodendroglioma
340	TCGA-FG-8182	-0.7193489	416	0	Low risk	oligodendroglioma
341	TCGA-FG-8185	-1.7758559	433	0	Low risk	astrocytoma
342	TCGA-FG-8186	-0.5862821	487	0	Low risk	oligoastrocytoma
343	TCGA-FG-8187	-0.6208363	611	0	Low risk	oligoastrocytoma
344	TCGA-FG-8188	-0.7904796	455	0	Low risk	oligoastrocytoma
345	TCGA-FG-8189	-0.6907955	685	0	Low risk	oligodendroglioma
346	TCGA-FG-8191	-0.9961195	992	0	Low risk	oligodendroglioma
347	TCGA-FG-A4MT	-1.2934817	1164	0	Low risk	oligodendroglioma
348	TCGA-FG-A4MX	-1.3833049	569	0	Low risk	astrocytoma
349	TCGA-FG-A4MY	-1.1802428	721	0	Low risk	oligoastrocytoma
350	TCGA-FG-A60J	-1.0121208	449	0	Low risk	oligoastrocytoma
351	TCGA-FG-A60K	-1.1385610	542	0	Low risk	oligoastrocytoma
352	TCGA-FG-A60L	-1.2642723	655	0	Low risk	astrocytoma
353	TCGA-FG-A6IZ	-2.1724892	457	0	Low risk	oligodendroglioma
354	TCGA-FG-A6J1	-2.2102253	500	0	Low risk	oligodendroglioma
355	TCGA-FG-A6J3	-0.0888489	677	0	Low risk	astrocytoma
356	TCGA-FG-A70Y	-0.7773025	868	0	Low risk	oligodendroglioma

	Patient_ID	pi	time	status	group	histological_type
357	TCGA-FG-A710	-0.6989845	1115	0	Low risk	oligodendroglioma
358	TCGA-FG-A711	-0.7898650	1481	1	Low risk	oligodendroglioma
359	TCGA-FG-A713	-0.7394325	622	0	Low risk	oligoastrocytoma
360	TCGA-FG-A87N	-0.5226999	567	0	Low risk	astrocytoma
361	TCGA-FG-A87Q	0.0069168	174	0	Low risk	astrocytoma
362	TCGA-FN-7833	-0.0330930	837	0	Low risk	oligoastrocytoma
363	TCGA-HT-7467	-0.5536490	3	0	Low risk	oligodendroglioma
364	TCGA-HT-7468	-1.0671962	203	0	Low risk	oligodendroglioma
365	TCGA-HT-7469	-0.4923123	351	1	Low risk	oligodendroglioma
366	TCGA-HT-7470	-0.6967823	1220	1	Low risk	oligodendroglioma
367	TCGA-HT-7471	-0.3808719	4	0	Low risk	oligodendroglioma
368	TCGA-HT-7472	-0.6557250	1	0	Low risk	oligodendroglioma
369	TCGA-HT-7473	-0.2690812	503	0	Low risk	oligoastrocytoma
370	TCGA-HT-7474	-0.7436836	114	0	Low risk	oligoastrocytoma
371	TCGA-HT-7475	-0.8062409	530	0	Low risk	oligoastrocytoma
372	TCGA-HT-7476	-0.6968263	199	0	Low risk	astrocytoma
374	TCGA-HT-7478	-1.1742697	194	0	Low risk	astrocytoma
375	TCGA-HT-7479	-0.8472599	1227	0	Low risk	astrocytoma
376	TCGA-HT-7480	-1.1016547	2287	0	Low risk	oligodendroglioma
377	TCGA-HT-7481	-0.5979513	2918	0	Low risk	oligodendroglioma
378	TCGA-HT-7482	-0.7239504	3253	0	Low risk	oligoastrocytoma
379	TCGA-HT-7483	-1.1041389	5255	0	Low risk	oligoastrocytoma
380	TCGA-HT-7485	-0.7087229	122	0	Low risk	astrocytoma
381	TCGA-HT-7601	-0.1772718	153	0	Low risk	astrocytoma
382	TCGA-HT-7602	-0.6402339	908	0	Low risk	oligodendroglioma
383	TCGA-HT-7603	-1.1982787	705	0	Low risk	oligodendroglioma
384	TCGA-HT-7604	-1.0822875	3725	0	Low risk	astrocytoma
385	TCGA-HT-7605	-0.7763816	139	0	Low risk	oligodendroglioma
386	TCGA-HT-7606	0.0487021	526	0	Low risk	astrocytoma
387	TCGA-HT-7607	-0.5917837	96	1	Low risk	astrocytoma
388	TCGA-HT-7608	-0.6572774	671	0	Low risk	oligoastrocytoma
389	TCGA-HT-7609	-1.4131998	1399	0	Low risk	oligoastrocytoma
390	TCGA-HT-7610	-0.8964623	1706	0	Low risk	oligoastrocytoma
391	TCGA-HT-7611	-0.8100972	1752	0	Low risk	oligoastrocytoma
392	TCGA-HT-7616	-0.4861142	7	1	Low risk	oligodendroglioma
393	TCGA-HT-7620	-0.5816843	434	0	Low risk	oligodendroglioma
394	TCGA-HT-7676	-1.2137284	5	0	Low risk	oligodendroglioma
395	TCGA-HT-7677	-0.9801752	494	0	Low risk	oligodendroglioma
396	TCGA-HT-7680	-0.3835764	23	0	Low risk	astrocytoma
397	TCGA-HT-7681	-0.9601212	1359	0	Low risk	oligoastrocytoma
398	TCGA-HT-7684	-1.4376160	184	0	Low risk	oligoastrocytoma
399	TCGA-HT-7686	-0.7165255	1300	0	Low risk	astrocytoma
400	TCGA-HT-7687	-0.9031112	3	0	Low risk	oligodendroglioma
401	TCGA-HT-7688	-0.7327530	964	0	Low risk	oligodendroglioma
402	TCGA-HT-7689	-0.6976440	455	0	Low risk	oligodendroglioma
403	TCGA-HT-7690	-0.6799753	3	0	Low risk	oligoastrocytoma
404	TCGA-HT-7691	-0.3143426	3	0	Low risk	astrocytoma
405	TCGA-HT-7692	-0.9914884	90	0	Low risk	oligoastrocytoma
406	TCGA-HT-7693	-0.0930217	533	0	Low risk	oligodendroglioma
407	TCGA-HT-7694	-0.5900589	210	0	Low risk	oligodendroglioma
408	TCGA-HT-7695	-0.7541366	442	0	Low risk	oligodendroglioma
409	TCGA-HT-7854	-0.4887487	1201	0	Low risk	astrocytoma

	Patient_ID	pi	time	status	group	histological_type
410	TCGA-HT-7855	-1.0511776	585	0	Low risk	astrocytoma
411	TCGA-HT-7856	-0.5782363	1189	0	Low risk	oligodendroglioma
412	TCGA-HT-7857	0.3515394	7	0	Low risk	astrocytoma
413	TCGA-HT-7858	-0.9616788	1540	0	Low risk	astrocytoma
414	TCGA-HT-7860	0.2824370	15	0	Low risk	astrocytoma
415	TCGA-HT-7873	-0.8115506	718	0	Low risk	oligoastrocytoma
416	TCGA-HT-7874	-0.6727770	1130	0	Low risk	oligodendroglioma
417	TCGA-HT-7875	-0.9880439	10	0	Low risk	oligodendroglioma
418	TCGA-HT-7877	-0.8553762	4	0	Low risk	oligodendroglioma
419	TCGA-HT-7879	-0.8365308	112	0	Low risk	oligoastrocytoma
420	TCGA-HT-7880	-0.5711754	162	0	Low risk	oligoastrocytoma
421	TCGA-HT-7881	-0.7031591	1079	0	Low risk	oligodendroglioma
423	TCGA-HT-7884	-1.0002598	343	0	Low risk	astrocytoma
424	TCGA-HT-7902	-0.4795684	956	0	Low risk	oligoastrocytoma
425	TCGA-HT-8010	-0.5856869	50	0	Low risk	oligodendroglioma
427	TCGA-HT-8012	-1.1032420	286	0	Low risk	oligodendroglioma
428	TCGA-HT-8013	-0.4735137	1933	1	Low risk	oligoastrocytoma
429	TCGA-HT-8015	-0.4779638	3	0	Low risk	astrocytoma
430	TCGA-HT-8018	-0.3983145	1152	1	Low risk	oligoastrocytoma
431	TCGA-HT-8019	-0.6756791	1004	0	Low risk	oligodendroglioma
433	TCGA-HT-8105	-1.0550693	190	0	Low risk	oligodendroglioma
434	TCGA-HT-8106	0.0797461	3	0	Low risk	astrocytoma
435	TCGA-HT-8107	-0.4872813	14	0	Low risk	oligodendroglioma
436	TCGA-HT-8108	-0.7928276	76	0	Low risk	oligodendroglioma
437	TCGA-HT-8109	-0.7274081	169	0	Low risk	oligodendroglioma
439	TCGA-HT-8111	-0.6197515	7	0	Low risk	oligoastrocytoma
440	TCGA-HT-8113	-0.6221569	900	0	Low risk	oligodendroglioma
441	TCGA-HT-8114	-0.6997574	1040	0	Low risk	oligoastrocytoma
442	TCGA-HT-8558	-0.5819110	418	0	Low risk	oligodendroglioma
444	TCGA-HT-8564	-0.3383291	478	0	Low risk	astrocytoma
445	TCGA-HT-A4DS	0.1033604	7	0	Low risk	astrocytoma
446	TCGA-HT-A4DV	-0.8326584	792	0	Low risk	oligodendroglioma
447	TCGA-HT-A5R5	-0.2581129	4	0	Low risk	oligodendroglioma
448	TCGA-HT-A5R7	-0.4958547	615	0	Low risk	astrocytoma
449	TCGA-HT-A5R9	-1.5603452	2	0	Low risk	oligodendroglioma
451	TCGA-HT-A5RB	-0.9752152	3	0	Low risk	astrocytoma
452	TCGA-HT-A5RC	0.2583448	162	1	Low risk	astrocytoma
453	TCGA-HT-A614	-0.7958923	82	0	Low risk	oligoastrocytoma
454	TCGA-HT-A615	-0.9129909	515	0	Low risk	oligodendroglioma
455	TCGA-HT-A616	-0.7416273	55	0	Low risk	astrocytoma
456	TCGA-HT-A617	0.2599677	491	0	Low risk	oligodendroglioma
457	TCGA-HT-A618	-0.6279045	512	0	Low risk	astrocytoma
458	TCGA-HT-A619	-1.4701126	651	0	Low risk	oligodendroglioma
459	TCGA-HT-A61A	-0.7757107	194	0	Low risk	oligodendroglioma
460	TCGA-HT-A61B	-0.4387667	533	0	Low risk	astrocytoma
462	TCGA-HT-A74H	0.3313392	74	0	Low risk	astrocytoma
463	TCGA-HT-A74J	-0.8055550	320	0	Low risk	oligoastrocytoma
464	TCGA-HT-A74K	-1.8017104	467	0	Low risk	oligodendroglioma
465	TCGA-HT-A74L	-0.7943254	336	0	Low risk	oligoastrocytoma
466	TCGA-HT-A74O	-0.9672929	3	0	Low risk	astrocytoma
467	TCGA-HW-7486	-0.7979339	1721	0	Low risk	oligodendroglioma
468	TCGA-HW-7487	-1.0491884	1382	0	Low risk	oligodendroglioma

	Patient_ID	pi	time	status	group	histological_type
469	TCGA-HW-7489	-0.9047984	1262	1	Low risk	oligoastrocytoma
470	TCGA-HW-7490	-0.9985297	1387	0	Low risk	astrocytoma
471	TCGA-HW-7491	-1.2445442	2078	0	Low risk	oligodendroglioma
472	TCGA-HW-7493	-0.5740906	2107	0	Low risk	astrocytoma
473	TCGA-HW-7495	-0.7865071	1078	0	Low risk	oligodendroglioma
474	TCGA-HW-8319	-0.5742227	1209	1	Low risk	astrocytoma
475	TCGA-HW-8320	-1.1199253	1217	0	Low risk	astrocytoma
476	TCGA-HW-8321	-1.1713252	1294	0	Low risk	astrocytoma
477	TCGA-HW-8322	-1.0483908	758	0	Low risk	oligodendroglioma
478	TCGA-HW-A5KJ	-2.2244194	962	1	Low risk	oligodendroglioma
479	TCGA-HW-A5KK	0.1977079	388	1	Low risk	astrocytoma
480	TCGA-HW-A5KL	-1.2340103	878	0	Low risk	astrocytoma
481	TCGA-HW-A5KM	-0.2624226	630	0	Low risk	astrocytoma
482	TCGA-IK-7675	-0.3713973	578	1	Low risk	oligodendroglioma
483	TCGA-IK-8125	-1.1973811	1301	0	Low risk	oligoastrocytoma
484	TCGA-KT-A74X	-0.9868927	438	0	Low risk	oligoastrocytoma
486	TCGA-P5-A5EV	-0.7751643	7	0	Low risk	astrocytoma
487	TCGA-P5-A5EW	-0.7839442	204	0	Low risk	astrocytoma
488	TCGA-P5-A5EX	0.0168196	243	0	Low risk	oligodendroglioma
489	TCGA-P5-A5EY	-0.7043201	72	0	Low risk	astrocytoma
490	TCGA-P5-A5EZ	-0.7639601	70	0	Low risk	astrocytoma
491	TCGA-P5-A5F0	-0.8286870	287	0	Low risk	oligodendroglioma
492	TCGA-P5-A5F1	-0.4471608	179	0	Low risk	astrocytoma
493	TCGA-P5-A5F2	-0.5476826	242	0	Low risk	astrocytoma
494	TCGA-P5-A5F4	-0.8611707	231	0	Low risk	oligodendroglioma
495	TCGA-P5-A5F6	-0.3365384	39	0	Low risk	oligodendroglioma
496	TCGA-P5-A72U	0.2919280	7	0	Low risk	oligodendroglioma
497	TCGA-P5-A72W	-1.5931409	317	0	Low risk	astrocytoma
498	TCGA-P5-A72X	-0.7046454	403	0	Low risk	astrocytoma
499	TCGA-P5-A72Z	-0.9356283	354	0	Low risk	oligodendroglioma
500	TCGA-P5-A730	-1.0548992	333	0	Low risk	oligoastrocytoma
501	TCGA-P5-A731	-0.3799856	274	0	Low risk	oligoastrocytoma
502	TCGA-P5-A733	-0.8820504	414	0	Low risk	astrocytoma
503	TCGA-P5-A735	-1.3921280	292	0	Low risk	astrocytoma
504	TCGA-P5-A736	-0.4594007	230	0	Low risk	astrocytoma
505	TCGA-P5-A737	-1.1556676	372	0	Low risk	oligoastrocytoma
506	TCGA-P5-A77W	-2.4418022	584	0	Low risk	oligoastrocytoma
507	TCGA-P5-A77X	-0.7895995	105	0	Low risk	oligoastrocytoma
508	TCGA-P5-A780	-1.2296602	72	0	Low risk	astrocytoma
509	TCGA-P5-A781	-0.8161464	134	0	Low risk	astrocytoma
510	TCGA-QH-A65R	-1.8749905	461	0	Low risk	oligodendroglioma
511	TCGA-QH-A65S	-0.9978036	77	0	Low risk	oligoastrocytoma
512	TCGA-QH-A65V	-0.8152767	384	0	Low risk	oligodendroglioma
513	TCGA-QH-A65X	-2.2282739	482	0	Low risk	oligoastrocytoma
514	TCGA-QH-A65Z	-1.0606631	427	0	Low risk	oligodendroglioma
515	TCGA-QH-A6CS	-0.1740494	588	0	Low risk	astrocytoma
516	TCGA-QH-A6CU	-0.7398152	451	0	Low risk	oligodendroglioma
517	TCGA-QH-A6CW	-0.8853610	414	0	Low risk	oligoastrocytoma
518	TCGA-QH-A6CX	-0.0296780	372	1	Low risk	astrocytoma
519	TCGA-QH-A6CY	-0.8316357	408	0	Low risk	oligoastrocytoma
520	TCGA-QH-A6CZ	-0.9348344	279	0	Low risk	oligoastrocytoma
521	TCGA-QH-A6X3	-0.7185171	313	0	Low risk	oligoastrocytoma

	Patient_ID	pi	time	status	group	histological_type
522	TCGA-QH-A6X4	-1.0530668	442	0	Low risk	oligoastrocytoma
523	TCGA-QH-A6X5	-1.0926495	497	0	Low risk	oligoastrocytoma
524	TCGA-QH-A6X8	-0.8394547	509	0	Low risk	oligodendroglioma
525	TCGA-QH-A6X9	-0.5968820	58	0	Low risk	oligodendroglioma
526	TCGA-QH-A6XA	-0.8861758	502	0	Low risk	oligoastrocytoma
527	TCGA-QH-A6XC	-0.0275020	508	0	Low risk	astrocytoma
528	TCGA-QH-A86X	-0.9869040	337	0	Low risk	oligodendroglioma
529	TCGA-QH-A870	-0.4811406	395	0	Low risk	oligoastrocytoma
530	TCGA-R8-A6MK	-0.7543993	2702	0	Low risk	oligodendroglioma
531	TCGA-R8-A6ML	-1.2024269	2860	0	Low risk	oligodendroglioma
532	TCGA-R8-A6MO	-1.1457744	993	0	Low risk	oligodendroglioma
533	TCGA-R8-A73M	-1.7988476	1806	0	Low risk	oligodendroglioma
534	TCGA-RY-A83X	-0.9100739	939	0	Low risk	oligodendroglioma
535	TCGA-RY-A83Y	-1.1999202	166	0	Low risk	oligodendroglioma
536	TCGA-RY-A83Z	-0.7773918	301	0	Low risk	astrocytoma
537	TCGA-RY-A840	-1.0537589	854	0	Low risk	oligodendroglioma
538	TCGA-RY-A843	-0.5523155	63	0	Low risk	astrocytoma
539	TCGA-RY-A845	-0.9851214	596	0	Low risk	oligoastrocytoma
540	TCGA-RY-A847	-0.8474718	933	0	Low risk	oligodendroglioma
541	TCGA-S9-A6TS	-0.9376995	1891	1	Low risk	astrocytoma
542	TCGA-S9-A6TU	-1.1951795	2650	0	Low risk	astrocytoma
543	TCGA-S9-A6TV	0.0657620	571	0	Low risk	oligoastrocytoma
544	TCGA-S9-A6TW	-1.8190407	1250	0	Low risk	oligodendroglioma
545	TCGA-S9-A6TX	-1.1643614	1245	0	Low risk	oligodendroglioma
546	TCGA-S9-A6TY	-1.0869239	1076	0	Low risk	oligodendroglioma
547	TCGA-S9-A6TZ	-0.6824924	1120	0	Low risk	astrocytoma
549	TCGA-S9-A6U1	-0.6614667	785	0	Low risk	astrocytoma
550	TCGA-S9-A6U2	-0.7775435	908	0	Low risk	oligodendroglioma
551	TCGA-S9-A6U5	-0.8720162	992	0	Low risk	astrocytoma
552	TCGA-S9-A6U6	-0.8871709	1069	0	Low risk	astrocytoma
553	TCGA-S9-A6U8	-0.7107163	2988	1	Low risk	astrocytoma
554	TCGA-S9-A6U9	-0.7307404	2918	0	Low risk	astrocytoma
555	TCGA-S9-A6UA	0.3485776	178	1	Low risk	astrocytoma
556	TCGA-S9-A6UB	-1.1671466	3761	0	Low risk	oligodendroglioma
557	TCGA-S9-A6WD	-1.1035976	2289	0	Low risk	oligodendroglioma
558	TCGA-S9-A6WE	-1.2714077	4113	0	Low risk	oligodendroglioma
559	TCGA-S9-A6WG	-0.1083571	2602	0	Low risk	astrocytoma
560	TCGA-S9-A6WH	-1.4398485	1173	0	Low risk	oligoastrocytoma
561	TCGA-S9-A6WI	-0.7296145	2585	0	Low risk	oligoastrocytoma
562	TCGA-S9-A6WL	-0.7568265	946	0	Low risk	astrocytoma
564	TCGA-S9-A6WN	-0.0504586	805	0	Low risk	astrocytoma
565	TCGA-S9-A6WO	-0.9453221	566	0	Low risk	astrocytoma
566	TCGA-S9-A6WP	-1.0044867	567	0	Low risk	oligoastrocytoma
567	TCGA-S9-A6WQ	-1.1405279	428	0	Low risk	oligoastrocytoma
568	TCGA-S9-A7IQ	-0.7262851	1099	0	Low risk	oligoastrocytoma
569	TCGA-S9-A7IS	0.3096365	241	1	Low risk	astrocytoma
570	TCGA-S9-A7IX	0.1703899	819	1	Low risk	astrocytoma
571	TCGA-S9-A7IY	-0.7086055	715	0	Low risk	oligoastrocytoma
572	TCGA-S9-A7IZ	-0.6140962	608	0	Low risk	astrocytoma
574	TCGA-S9-A7J1	-0.7509704	249	0	Low risk	oligodendroglioma
575	TCGA-S9-A7J2	-0.9516324	62	0	Low risk	oligodendroglioma
576	TCGA-S9-A7J3	-0.8759228	629	0	Low risk	oligodendroglioma

	Patient_ID	pi	time	status	group	histological_type
577	TCGA-S9-A7QW	-1.4237316	458	0	Low risk	astrocytoma
578	TCGA-S9-A7QX	-1.2915781	564	0	Low risk	astrocytoma
579	TCGA-S9-A7QY	-0.8721135	863	0	Low risk	oligoastrocytoma
580	TCGA-S9-A7QZ	-1.1168457	826	0	Low risk	oligodendroglioma
581	TCGA-S9-A7R1	-1.2911950	5166	1	Low risk	oligodendroglioma
582	TCGA-S9-A7R2	-0.0276740	316	1	Low risk	astrocytoma
583	TCGA-S9-A7R3	-0.5955504	3013	0	Low risk	astrocytoma
584	TCGA-S9-A7R4	-0.9262710	914	0	Low risk	astrocytoma
585	TCGA-S9-A7R7	0.1253045	3000	0	Low risk	astrocytoma
586	TCGA-S9-A7R8	-0.7474803	961	1	Low risk	astrocytoma
587	TCGA-S9-A89V	-0.4618856	569	0	Low risk	astrocytoma
588	TCGA-S9-A89Z	-0.1512254	623	0	Low risk	astrocytoma
590	TCGA-TM-A7C4	-0.7308269	1470	0	Low risk	astrocytoma
591	TCGA-TM-A7C5	-1.6605650	1500	0	Low risk	oligoastrocytoma
592	TCGA-TM-A7CA	-0.8833977	1058	0	Low risk	astrocytoma
593	TCGA-TM-A7CF	-0.7508351	1989	0	Low risk	astrocytoma
594	TCGA-TM-A84B	0.1166348	758	1	Low risk	astrocytoma
595	TCGA-TM-A84C	0.1081363	492	1	Low risk	astrocytoma
596	TCGA-TM-A84F	-0.7550801	1796	0	Low risk	astrocytoma
597	TCGA-TM-A84G	-1.3135580	1236	0	Low risk	oligodendroglioma
598	TCGA-TM-A84H	-0.8305952	926	0	Low risk	oligoastrocytoma
599	TCGA-TM-A84I	-0.3673675	854	0	Low risk	astrocytoma
600	TCGA-TM-A84J	-0.1769433	735	0	Low risk	oligodendroglioma
601	TCGA-TM-A84L	-0.6255667	1242	1	Low risk	oligoastrocytoma
602	TCGA-TM-A84M	-0.8427312	754	0	Low risk	oligodendroglioma
603	TCGA-TM-A84O	-0.6908886	1011	1	Low risk	oligodendroglioma
604	TCGA-TM-A84Q	-0.8111676	772	0	Low risk	astrocytoma
605	TCGA-TM-A84R	-0.7069005	566	0	Low risk	oligodendroglioma
606	TCGA-TM-A84S	-0.8095953	454	0	Low risk	oligodendroglioma
607	TCGA-TM-A84T	-1.6113102	724	0	Low risk	oligoastrocytoma
608	TCGA-TQ-A7RF	-0.7269689	650	0	Low risk	oligodendroglioma
609	TCGA-TQ-A7RG	-0.9207660	599	0	Low risk	oligoastrocytoma
610	TCGA-TQ-A7RH	-0.7341641	486	0	Low risk	oligoastrocytoma
611	TCGA-TQ-A7RI	-0.7897687	62	0	Low risk	oligodendroglioma
612	TCGA-TQ-A7RJ	-0.7451401	1229	0	Low risk	oligoastrocytoma
613	TCGA-TQ-A7RK	-0.9969909	1341	0	Low risk	oligoastrocytoma
614	TCGA-TQ-A7RM	0.3717484	1116	0	Low risk	oligoastrocytoma
615	TCGA-TQ-A7RN	-0.9432186	1026	0	Low risk	oligodendroglioma
616	TCGA-TQ-A7RO	-0.7018613	949	0	Low risk	oligoastrocytoma
617	TCGA-TQ-A7RQ	-1.2602524	795	0	Low risk	oligodendroglioma
618	TCGA-TQ-A7RR	-0.9998173	787	0	Low risk	oligoastrocytoma
619	TCGA-TQ-A7RU	-1.1546628	1032	0	Low risk	oligodendroglioma
620	TCGA-TQ-A7RV	-0.8228635	1868	0	Low risk	astrocytoma
621	TCGA-TQ-A7RW	-0.6869206	821	1	Low risk	oligodendroglioma
622	TCGA-TQ-A8XE	-1.2615565	954	1	Low risk	oligodendroglioma
623	TCGA-VM-A8C8	-0.8743457	1397	0	Low risk	oligodendroglioma
624	TCGA-VM-A8C9	-0.3231254	1314	0	Low risk	astrocytoma
625	TCGA-VM-A8CA	-0.9313544	411	0	Low risk	oligodendroglioma
626	TCGA-VM-A8CB	-1.5166091	3	0	Low risk	oligodendroglioma
628	TCGA-VM-A8CE	-0.9918399	1191	0	Low risk	oligodendroglioma
629	TCGA-VM-A8CF	-0.3145645	609	0	Low risk	astrocytoma
630	TCGA-VM-A8CH	-0.7410331	714	0	Low risk	astrocytoma

	Patient_ID	pi	time	status	group	histological_type
631	TCGA-VV-A829	-0.9239924	1127	0	Low risk	oligoastrocytoma
632	TCGA-VV-A86M	-1.6992737	487	0	Low risk	astrocytoma
633	TCGA-VW-A7QS	-0.1734591	706	0	Low risk	oligodendroglioma
635	TCGA-W9-A837	-0.9590429	1553	0	Low risk	oligodendroglioma
636	TCGA-WH-A86K	-1.0408810	405	0	Low risk	astrocytoma
637	TCGA-WY-A858	-0.9075859	1337	0	Low risk	astrocytoma
638	TCGA-WY-A859	-0.7662624	1213	0	Low risk	astrocytoma
639	TCGA-WY-A85A	-1.1433337	1320	0	Low risk	astrocytoma
640	TCGA-WY-A85B	-0.7675197	1393	0	Low risk	astrocytoma
641	TCGA-WY-A85C	-1.4908791	1426	0	Low risk	astrocytoma
642	TCGA-WY-A85D	-0.6029466	1147	0	Low risk	oligoastrocytoma
643	TCGA-WY-A85E	-1.5287137	633	0	Low risk	oligoastrocytoma

HIGH-RISK-PATIENTS

	Patient_ID	pi	time	status	group	histological_type
1	TCGA-02-0047	0.9304768	448	1	High risk	untreated primary (de novo) gbm
2	TCGA-02-0055	2.2133541	76	1	High risk	untreated primary (de novo) gbm
3	TCGA-02-2483	1.0357276	466	0	High risk	untreated primary (de novo) gbm
4	TCGA-02-2485	1.1623565	470	0	High risk	untreated primary (de novo) gbm
5	TCGA-02-2486	2.0110988	618	1	High risk	untreated primary (de novo) gbm
6	TCGA-06-0125	1.1901063	1448	1	High risk	untreated primary (de novo) gbm
7	TCGA-06-0129	1.2450891	1024	1	High risk	untreated primary (de novo) gbm
8	TCGA-06-0130	2.4694516	394	1	High risk	untreated primary (de novo) gbm
9	TCGA-06-0132	0.8057012	771	1	High risk	untreated primary (de novo) gbm
10	TCGA-06-0138	1.5244364	737	1	High risk	untreated primary (de novo) gbm
11	TCGA-06-0141	1.3738308	313	1	High risk	untreated primary (de novo) gbm
12	TCGA-06-0156	1.9062079	178	1	High risk	untreated primary (de novo) gbm
13	TCGA-06-0157	1.1886509	97	1	High risk	untreated primary (de novo) gbm
14	TCGA-06-0158	1.4486288	329	1	High risk	untreated primary (de novo) gbm
15	TCGA-06-0168	1.5230635	598	1	High risk	untreated primary (de novo) gbm
16	TCGA-06-0174	1.4885573	98	1	High risk	untreated primary (de novo) gbm
17	TCGA-06-0178	0.4749448	2681	1	High risk	untreated primary (de novo) gbm
18	TCGA-06-0184	1.0028480	2126	1	High risk	untreated primary (de novo) gbm
19	TCGA-06-0187	1.3789986	828	1	High risk	untreated primary (de novo) gbm
20	TCGA-06-0190	1.9178027	317	1	High risk	untreated primary (de novo) gbm
21	TCGA-06-0210	1.9403629	225	1	High risk	untreated primary (de novo) gbm
22	TCGA-06-0211	1.0892253	360	1	High risk	untreated primary (de novo) gbm
23	TCGA-06-0219	2.0975414	22	1	High risk	untreated primary (de novo) gbm
24	TCGA-06-0238	1.2388954	405	1	High risk	untreated primary (de novo) gbm
25	TCGA-06-0644	3.0616897	384	1	High risk	untreated primary (de novo) gbm
26	TCGA-06-0645	1.7136726	175	1	High risk	untreated primary (de novo) gbm
27	TCGA-06-0646	2.0970086	175	1	High risk	untreated primary (de novo) gbm
28	TCGA-06-0649	1.5636754	64	1	High risk	untreated primary (de novo) gbm
29	TCGA-06-0686	1.4616412	432	1	High risk	untreated primary (de novo) gbm
30	TCGA-06-0743	0.9223814	803	1	High risk	untreated primary (de novo) gbm
31	TCGA-06-0744	1.0641443	1426	1	High risk	untreated primary (de novo) gbm
32	TCGA-06-0745	2.4584512	239	1	High risk	untreated primary (de novo) gbm
33	TCGA-06-0747	2.7926755	82	1	High risk	untreated primary (de novo) gbm
34	TCGA-06-0749	1.5422219	82	1	High risk	untreated primary (de novo) gbm
35	TCGA-06-0750	1.8895882	28	1	High risk	untreated primary (de novo) gbm
36	TCGA-06-0878	1.6756848	218	0	High risk	untreated primary (de novo) gbm

	Patient_ID	pi	time	status	group	histological_type
37	TCGA-06-0882	0.9984195	632	1	High risk	untreated primary (de novo) gbm
38	TCGA-06-1804	0.7961548	414	1	High risk	untreated primary (de novo) gbm
39	TCGA-06-2557	1.3988552	33	1	High risk	untreated primary (de novo) gbm
40	TCGA-06-2558	1.3758365	380	1	High risk	untreated primary (de novo) gbm
41	TCGA-06-2559	1.9084314	150	1	High risk	untreated primary (de novo) gbm
42	TCGA-06-2561	1.0484273	537	1	High risk	untreated primary (de novo) gbm
43	TCGA-06-2562	1.5787463	382	1	High risk	untreated primary (de novo) gbm
44	TCGA-06-2563	0.7714203	932	0	High risk	untreated primary (de novo) gbm
45	TCGA-06-2564	1.2942462	181	0	High risk	untreated primary (de novo) gbm
46	TCGA-06-2565	0.7570113	506	1	High risk	untreated primary (de novo) gbm
47	TCGA-06-2567	1.8202324	133	1	High risk	untreated primary (de novo) gbm
48	TCGA-06-2569	0.6040004	13	0	High risk	untreated primary (de novo) gbm
49	TCGA-06-2570	0.7654803	958	0	High risk	untreated primary (de novo) gbm
50	TCGA-06-5408	1.4299936	357	1	High risk	untreated primary (de novo) gbm
51	TCGA-06-5410	1.8131805	108	1	High risk	untreated primary (de novo) gbm
52	TCGA-06-5411	0.4750452	254	1	High risk	untreated primary (de novo) gbm
53	TCGA-06-5412	1.8080076	138	1	High risk	untreated primary (de novo) gbm
54	TCGA-06-5413	1.6283809	268	0	High risk	untreated primary (de novo) gbm
55	TCGA-06-5414	1.4698370	273	0	High risk	untreated primary (de novo) gbm
56	TCGA-06-5415	0.8718420	260	0	High risk	untreated primary (de novo) gbm
57	TCGA-06-5416	1.6413222	204	0	High risk	untreated primary (de novo) gbm
58	TCGA-06-5417	0.5018862	155	0	High risk	untreated primary (de novo) gbm
59	TCGA-06-5418	1.5321072	83	1	High risk	untreated primary (de novo) gbm
60	TCGA-06-5856	1.2393240	114	1	High risk	untreated primary (de novo) gbm
61	TCGA-06-5858	1.9017823	187	0	High risk	untreated primary (de novo) gbm
62	TCGA-06-5859	1.0221508	139	0	High risk	untreated primary (de novo) gbm
63	TCGA-08-0386	1.0064512	548	1	High risk	untreated primary (de novo) gbm
64	TCGA-12-0616	1.8972310	448	1	High risk	untreated primary (de novo) gbm
65	TCGA-12-0618	0.6348941	395	1	High risk	untreated primary (de novo) gbm
66	TCGA-12-0619	1.5671848	1062	1	High risk	untreated primary (de novo) gbm
67	TCGA-12-0821	1.7535957	323	1	High risk	untreated primary (de novo) gbm
68	TCGA-12-1597	0.7056551	675	1	High risk	untreated primary (de novo) gbm
69	TCGA-12-3650	1.5398136	333	1	High risk	untreated primary (de novo) gbm
70	TCGA-12-3652	1.2795376	1062	1	High risk	untreated primary (de novo) gbm
71	TCGA-12-3653	1.6202156	442	1	High risk	untreated primary (de novo) gbm
72	TCGA-12-5295	1.2256932	454	1	High risk	untreated primary (de novo) gbm
73	TCGA-12-5299	2.2511455	98	1	High risk	untreated primary (de novo) gbm
74	TCGA-14-0781	2.4741552	29	1	High risk	untreated primary (de novo) gbm
75	TCGA-14-0787	1.8104426	68	1	High risk	untreated primary (de novo) gbm
76	TCGA-14-0789	1.6615969	342	1	High risk	untreated primary (de novo) gbm
77	TCGA-14-0790	0.9255783	419	1	High risk	untreated primary (de novo) gbm
78	TCGA-14-0817	2.0597326	164	1	High risk	untreated primary (de novo) gbm
79	TCGA-14-1034	1.4649247	485	1	High risk	untreated primary (de novo) gbm
80	TCGA-14-1823	1.0912170	543	1	High risk	untreated primary (de novo) gbm
81	TCGA-14-1825	1.6270817	232	1	High risk	untreated primary (de novo) gbm
82	TCGA-14-1829	2.0697076	218	0	High risk	untreated primary (de novo) gbm
83	TCGA-14-2554	1.3154134	532	1	High risk	untreated primary (de novo) gbm
84	TCGA-15-0742	1.5889178	419	1	High risk	untreated primary (de novo) gbm
85	TCGA-16-0846	1.0487281	119	1	High risk	untreated primary (de novo) gbm
86	TCGA-16-1045	0.9418727	883	1	High risk	untreated primary (de novo) gbm
87	TCGA-19-1390	1.7094924	772	1	High risk	untreated primary (de novo) gbm
88	TCGA-19-1787	1.8206707	385	1	High risk	untreated primary (de novo) gbm

	Patient_ID	pi	time	status	group	histological_type
89	TCGA-19-2619	1.2920678	294	0	High risk	untreated primary (de novo) gbm
90	TCGA-19-2620	1.2836293	148	1	High risk	untreated primary (de novo) gbm
91	TCGA-19-2624	1.8190865	5	1	High risk	untreated primary (de novo) gbm
92	TCGA-19-2625	2.2164572	124	1	High risk	untreated primary (de novo) gbm
93	TCGA-19-2629	0.8572218	737	1	High risk	untreated primary (de novo) gbm
94	TCGA-19-4065	2.0453936	214	0	High risk	untreated primary (de novo) gbm
95	TCGA-19-5960	1.0267697	455	1	High risk	untreated primary (de novo) gbm
97	TCGA-26-5132	1.8477170	286	0	High risk	untreated primary (de novo) gbm
98	TCGA-26-5133	0.7084563	452	0	High risk	untreated primary (de novo) gbm
99	TCGA-26-5134	1.4360784	167	0	High risk	untreated primary (de novo) gbm
100	TCGA-26-5135	1.4553675	270	1	High risk	untreated primary (de novo) gbm
101	TCGA-26-5136	1.8593860	577	1	High risk	untreated primary (de novo) gbm
102	TCGA-26-5139	1.4315844	48	0	High risk	untreated primary (de novo) gbm
103	TCGA-27-1830	1.5473688	154	1	High risk	untreated primary (de novo) gbm
104	TCGA-27-1831	1.9889736	505	1	High risk	untreated primary (de novo) gbm
105	TCGA-27-1832	2.0421101	300	1	High risk	untreated primary (de novo) gbm
106	TCGA-27-1834	0.7284891	1233	1	High risk	untreated primary (de novo) gbm
107	TCGA-27-1835	1.0664600	648	1	High risk	untreated primary (de novo) gbm
108	TCGA-27-1837	1.5101172	427	1	High risk	untreated primary (de novo) gbm
109	TCGA-27-2519	1.0976043	550	1	High risk	untreated primary (de novo) gbm
110	TCGA-27-2521	0.7783789	510	1	High risk	untreated primary (de novo) gbm
111	TCGA-27-2523	1.5185977	489	1	High risk	untreated primary (de novo) gbm
112	TCGA-27-2524	2.8400382	231	1	High risk	untreated primary (de novo) gbm
113	TCGA-27-2526	1.7147826	87	1	High risk	untreated primary (de novo) gbm
114	TCGA-27-2528	1.3037565	480	1	High risk	untreated primary (de novo) gbm
115	TCGA-28-1747	1.6008213	77	1	High risk	untreated primary (de novo) gbm
116	TCGA-28-1753	1.8364859	37	0	High risk	untreated primary (de novo) gbm
117	TCGA-28-2509	2.4765956	145	0	High risk	untreated primary (de novo) gbm
118	TCGA-28-2513	1.4147015	222	0	High risk	untreated primary (de novo) gbm
119	TCGA-28-2514	1.1278619	160	0	High risk	untreated primary (de novo) gbm
120	TCGA-28-5204	1.3052966	454	1	High risk	untreated primary (de novo) gbm
121	TCGA-28-5207	0.5208281	343	1	High risk	untreated primary (de novo) gbm
122	TCGA-28-5208	1.5225433	544	1	High risk	untreated primary (de novo) gbm
123	TCGA-28-5209	1.3723662	442	0	High risk	untreated primary (de novo) gbm
124	TCGA-28-5213	1.6724698	951	0	High risk	untreated primary (de novo) gbm
125	TCGA-28-5215	1.3449072	335	1	High risk	untreated primary (de novo) gbm
126	TCGA-28-5216	1.1918911	415	0	High risk	untreated primary (de novo) gbm
127	TCGA-28-5218	2.4242134	157	1	High risk	untreated primary (de novo) gbm
128	TCGA-28-5220	1.6739866	388	1	High risk	untreated primary (de novo) gbm
129	TCGA-32-1970	1.1449191	468	1	High risk	untreated primary (de novo) gbm
130	TCGA-32-1980	0.7337985	36	1	High risk	untreated primary (de novo) gbm
131	TCGA-32-1982	1.5607865	142	1	High risk	untreated primary (de novo) gbm
132	TCGA-32-2615	1.2293089	485	1	High risk	untreated primary (de novo) gbm
133	TCGA-32-2616	1.5106531	224	1	High risk	untreated primary (de novo) gbm
134	TCGA-32-2632	1.4229113	269	1	High risk	untreated primary (de novo) gbm
135	TCGA-32-2634	1.1305114	693	0	High risk	untreated primary (de novo) gbm
136	TCGA-32-2638	1.4061236	766	1	High risk	untreated primary (de novo) gbm
137	TCGA-32-4213	1.7357055	604	0	High risk	untreated primary (de novo) gbm
138	TCGA-32-5222	1.0845123	585	1	High risk	untreated primary (de novo) gbm
139	TCGA-41-2571	0.8308711	26	1	High risk	untreated primary (de novo) gbm
140	TCGA-41-2572	0.9196971	406	1	High risk	untreated primary (de novo) gbm
141	TCGA-41-3915	1.5375472	360	1	High risk	untreated primary (de novo) gbm

	Patient_ID	pi	time	status	group	histological_type
142	TCGA-41-4097	0.9787754	6	1	High risk	untreated primary (de novo) gbm
143	TCGA-41-5651	1.0566955	460	1	High risk	untreated primary (de novo) gbm
144	TCGA-76-4925	2.1632906	146	1	High risk	untreated primary (de novo) gbm
145	TCGA-76-4926	1.1956919	138	1	High risk	untreated primary (de novo) gbm
146	TCGA-76-4927	2.0789289	535	1	High risk	untreated primary (de novo) gbm
147	TCGA-76-4928	1.9410189	94	1	High risk	untreated primary (de novo) gbm
148	TCGA-76-4929	0.8670146	111	1	High risk	untreated primary (de novo) gbm
149	TCGA-76-4931	1.2458574	279	1	High risk	untreated primary (de novo) gbm
160	TCGA-CS-6188	0.5304611	814	1	High risk	astrocytoma
215	TCGA-DU-5847	0.5718280	548	0	High risk	astrocytoma
234	TCGA-DU-6402	0.9083022	214	1	High risk	astrocytoma
236	TCGA-DU-6405	0.7271713	605	1	High risk	astrocytoma
240	TCGA-DU-7006	0.7760916	349	1	High risk	astrocytoma
247	TCGA-DU-7013	0.7052272	269	1	High risk	astrocytoma
252	TCGA-DU-7290	0.4330823	315	1	High risk	astrocytoma
266	TCGA-DU-8165	1.1746089	582	0	High risk	oligodendroglioma
283	TCGA-DU-A76L	1.2642909	814	1	High risk	oligodendroglioma
293	TCGA-DU-A7TJ	1.0421340	17	0	High risk	astrocytoma
303	TCGA-E1-A7YD	0.9015901	435	1	High risk	astrocytoma
306	TCGA-E1-A7YI	0.6779690	111	1	High risk	astrocytoma
309	TCGA-E1-A7YL	1.3936369	492	1	High risk	astrocytoma
311	TCGA-E1-A7YN	0.6507263	727	1	High risk	astrocytoma
313	TCGA-E1-A7YQ	0.6500493	1578	1	High risk	oligodendroglioma
334	TCGA-FG-6692	0.7485734	561	1	High risk	oligodendroglioma
373	TCGA-HT-7477	0.5015908	738	0	High risk	astrocytoma
422	TCGA-HT-7882	0.7080134	113	1	High risk	oligodendroglioma
426	TCGA-HT-8011	0.8381849	494	0	High risk	astrocytoma
432	TCGA-HT-8104	0.6648536	372	0	High risk	astrocytoma
438	TCGA-HT-8110	0.6884620	419	0	High risk	astrocytoma
443	TCGA-HT-8563	0.6836975	860	0	High risk	astrocytoma
450	TCGA-HT-A5RA	1.2180615	832	0	High risk	astrocytoma
461	TCGA-HT-A61C	1.3012730	537	1	High risk	oligodendroglioma
485	TCGA-KT-A7W1	1.2660637	438	0	High risk	astrocytoma
548	TCGA-S9-A6U0	0.8238409	742	1	High risk	astrocytoma
563	TCGA-S9-A6WM	0.7274312	604	0	High risk	astrocytoma
573	TCGA-S9-A7J0	0.6466266	609	0	High risk	oligodendroglioma
589	TCGA-TM-A7C3	0.4073681	1666	1	High risk	astrocytoma
627	TCGA-VM-A8CD	0.5297074	240	1	High risk	astrocytoma
634	TCGA-VW-A8FI	0.8291139	245	1	High risk	astrocytoma