

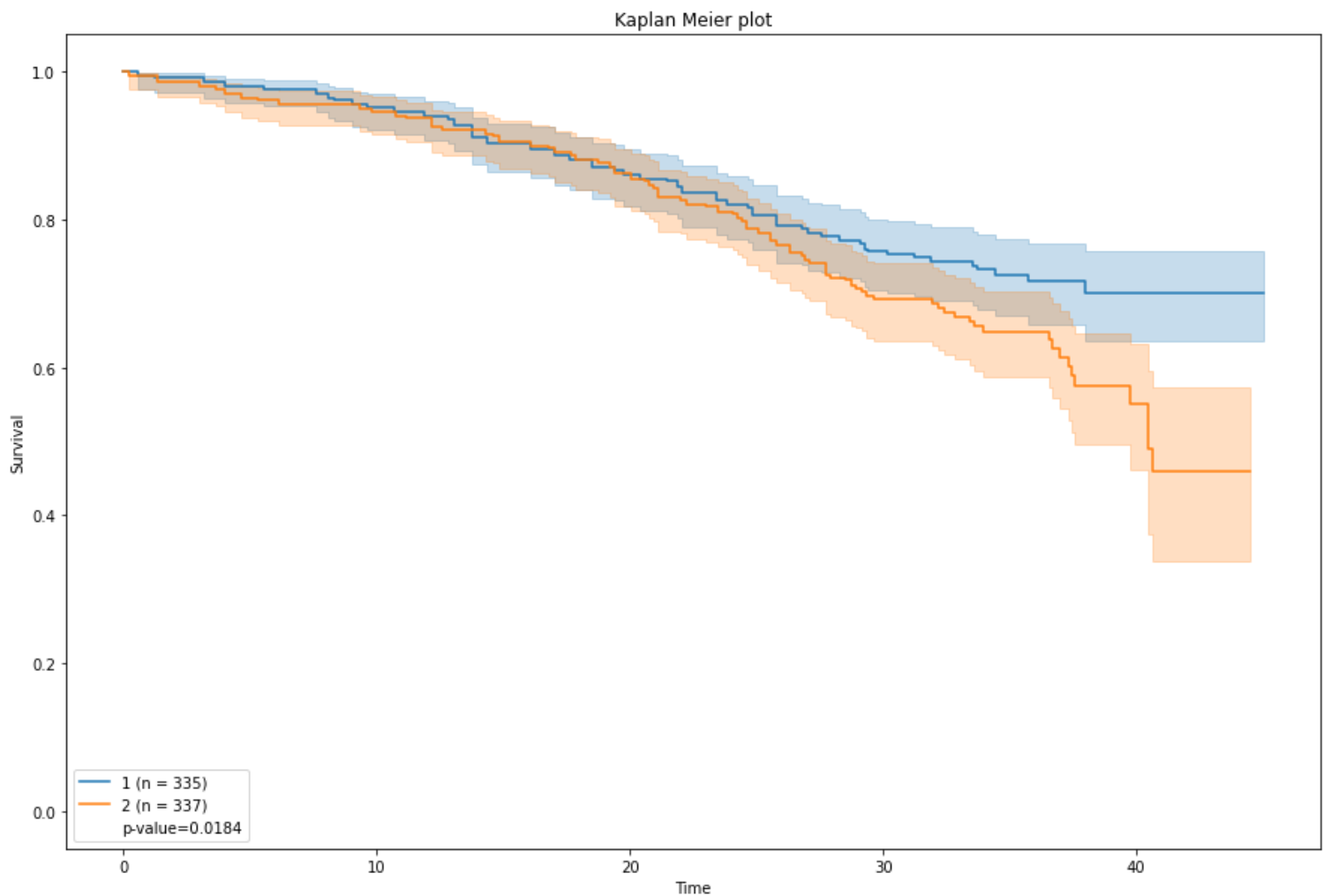
Log Rank Stability Interval Report

Article: Overall Survival with Ribociclib plus Endocrine Therapy in Breast Cancer

Link: <https://www.nejm.org/doi/full/10.1056/NEJMoa1903765>

KM Plot

Group 1 with a better survival score: 0.70



Explore alpha rejection

On number_of_changes=3 and alpha=0.05. The null hypothes is rejected

	Number_of_changes	MIN_pvalue	MAX_pvalue
0	1	0.012470	0.026770
1	2	0.008286	0.038191
2	3	0.005409	0.053358

ORIGINAL P-vlaue: 0.0184

Compare time calculation between efficient and griddy methods

First time when two alogrithms disagree with P value MAX is On N=19 :

Greedy algorithm:

[335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 349, 348, 350, 351, 352, 671]

Efficient algorithm:

[84, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 349, 348, 350, 351, 352]

	Number_of_changes	Method	ORIGINAL_pvalue	MIN_pvalue	MAX_pvalue	RUNNING time
30	16	griddy	0.018427	4.923460e-06	0.898841	1.286461
31	16	efficient	0.018427	4.923460e-06	0.898841	4.052803
32	17	griddy	0.018427	2.568265e-06	0.993356	1.363277
33	17	efficient	0.018427	2.568265e-06	0.993356	4.537351
34	18	griddy	0.018427	1.316426e-06	0.945192	1.440465
35	18	efficient	0.018427	1.316426e-06	0.945192	5.030885
36	19	griddy	0.018427	6.670121e-07	0.947142	1.558239
37	19	efficient	0.018427	6.670121e-07	0.948647	5.856079

