Ovarian Cancer Prognosis Overall Survival

August 21, 2015

Contents

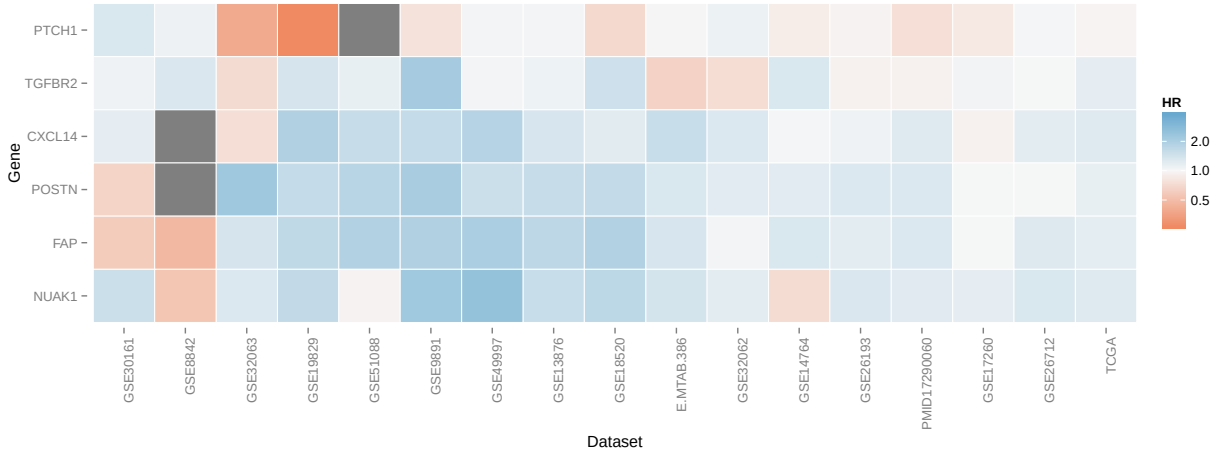
1 Datasets

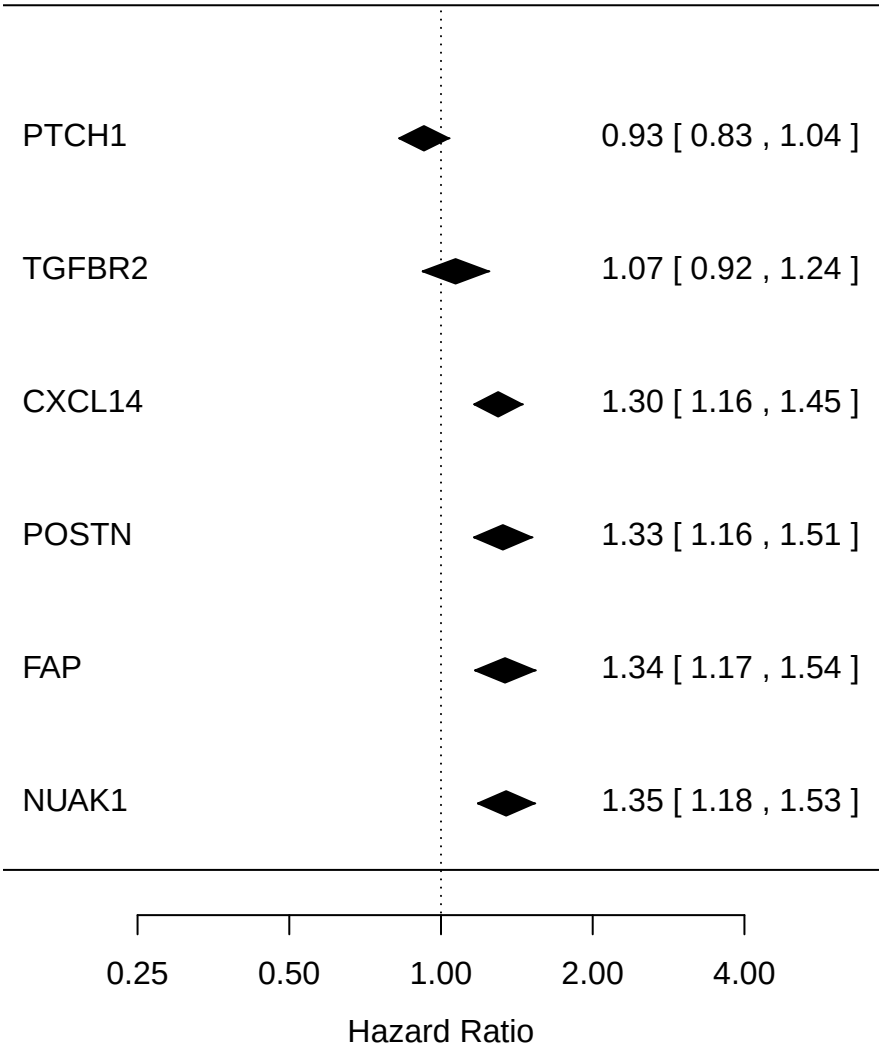
From MetaGxOvarian, we selected patients from studies which tracked overall survival. We identified 2630 patients from 17 datasets.

	Number of samples
E.MTAB.386	129
GSE13876	157
GSE14764	80
GSE17260	110
GSE18520	53
GSE19829	70
GSE26193	107
GSE26712	185
GSE30161	58
GSE32062	260
GSE32063	40
GSE49997	194
GSE51088	152
GSE8842	83
GSE9891	278
PMID17290060	117
TCGA	557
Sum	2630

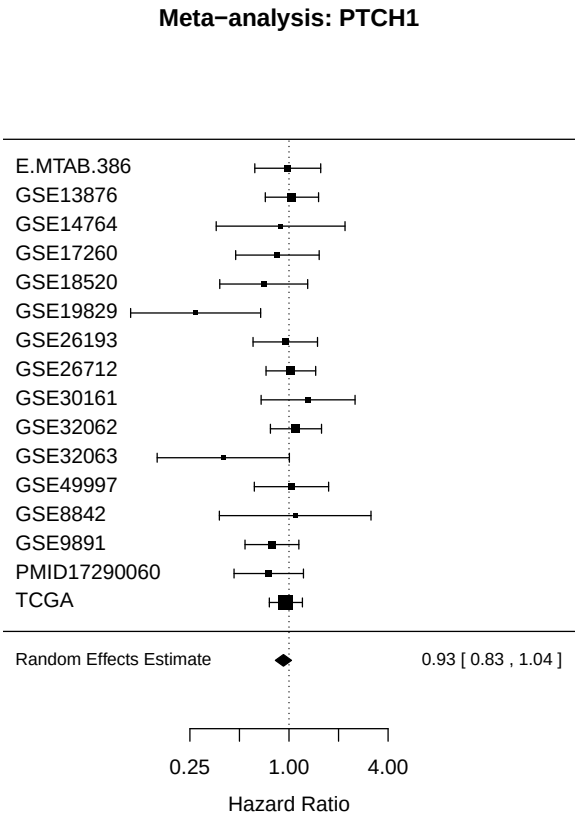
2 Summary of Results

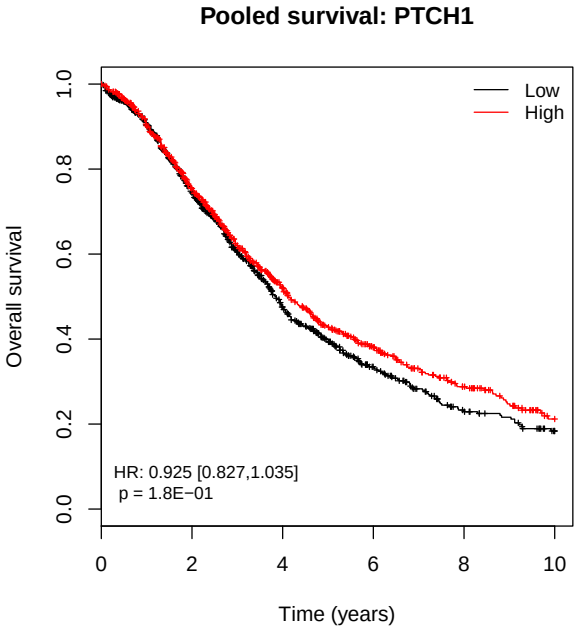
Gene Name	P-value	Hazard Ratio
PTCH1	1.8E-01	0.93 [0.83, 1.04]
TGFBR2	3.8E-01	1.07 [0.92, 1.24]
CXCL14	2.4E-06	1.30 [1.16, 1.45]
POSTN	2.3E-05	1.33 [1.16, 1.51]
FAP	2.5E-05	1.34 [1.17, 1.54]
NUAK1	5.5E-06	1.35 [1.18, 1.53]




PTCH1
0.93 [0.83 , 1.04]
TGFBR2
1.07 [0.92 , 1.24]
CXCL14
1.30 [1.16 , 1.45]
POSTN
1.33 [1.16 , 1.51]
FAP
1.34 [1.17 , 1.54]
NUAK1
1.35 [1.18 , 1.53]
0.25
0.50
1.00
2.00
4.00
Hazard Ratio

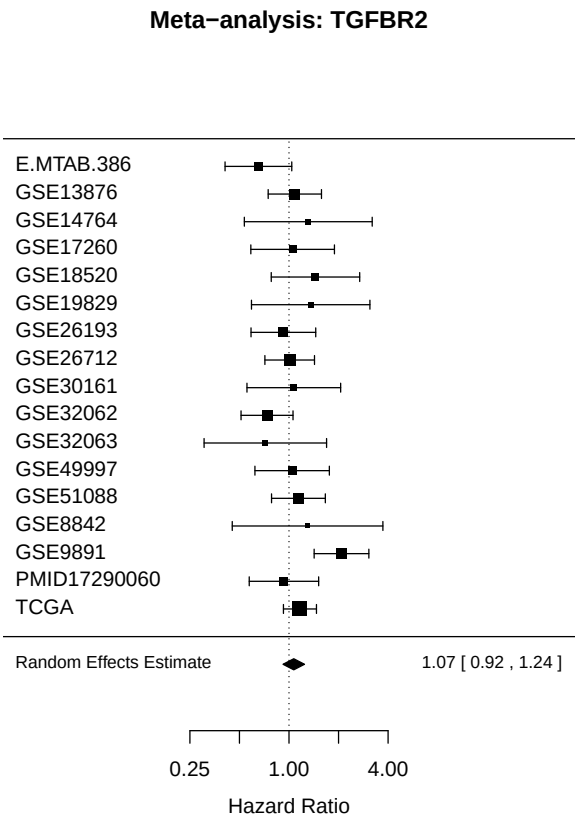
3 PTCH1

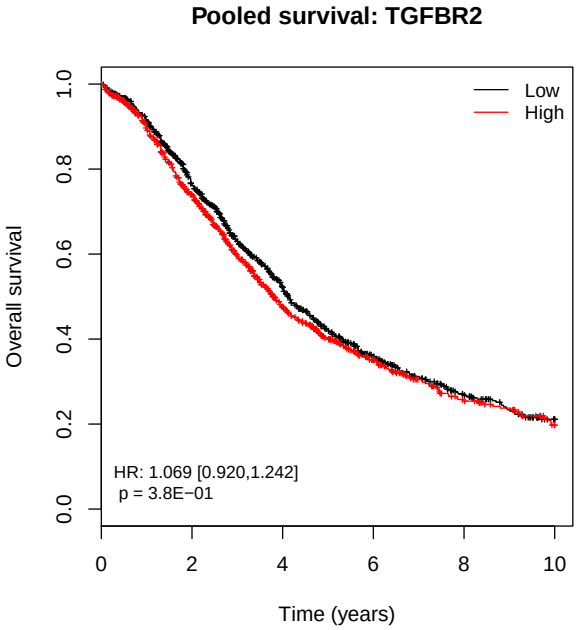




Random effects model: 0.93 [0.83, 1.04], p = 1.8E-01

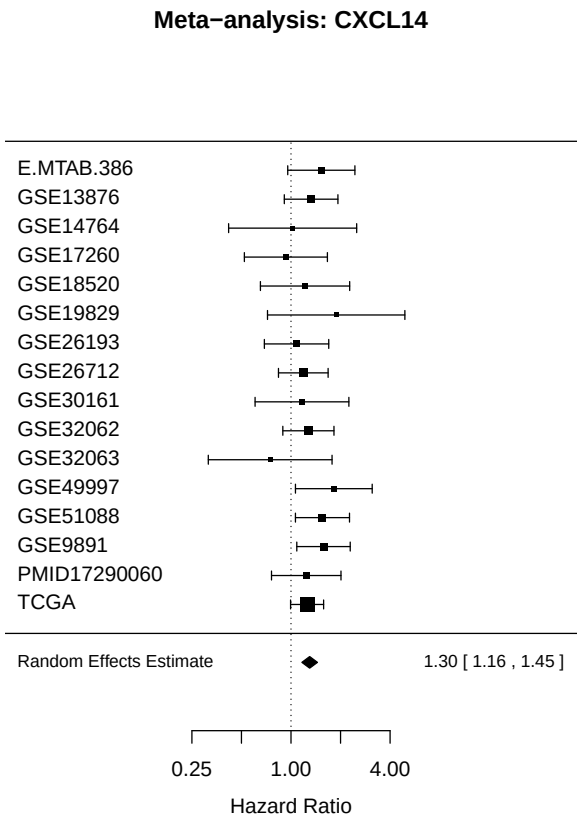
4 TGFBR2

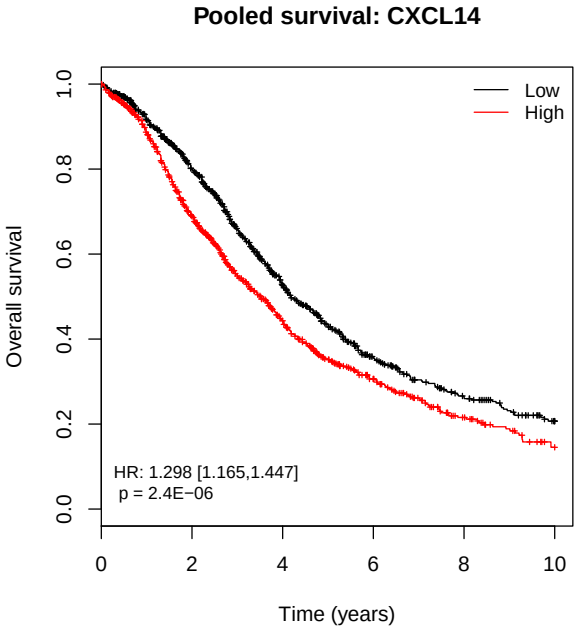




Random effects model: 1.07 [0.92, 1.24], p = 3.8E-01

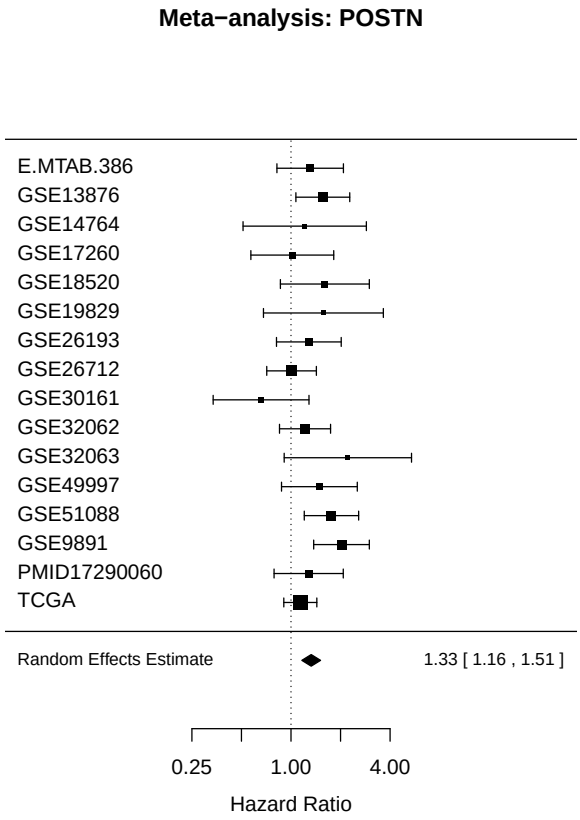
5 CXCL14

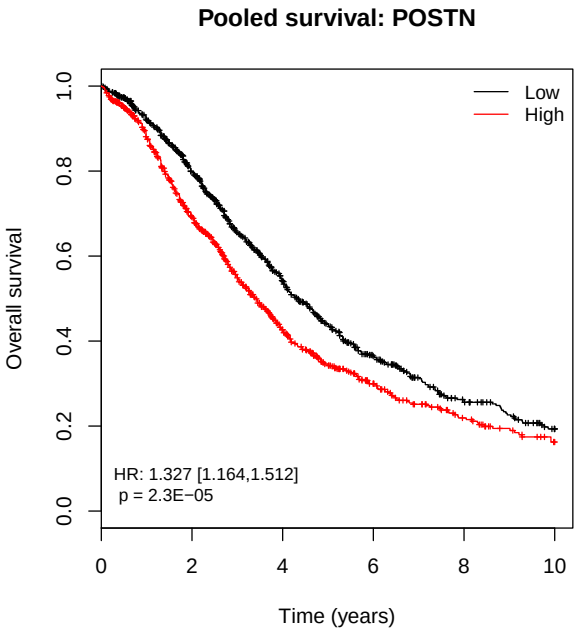




Random effects model: 1.30 [1.16, 1.45], p = 2.4E-06

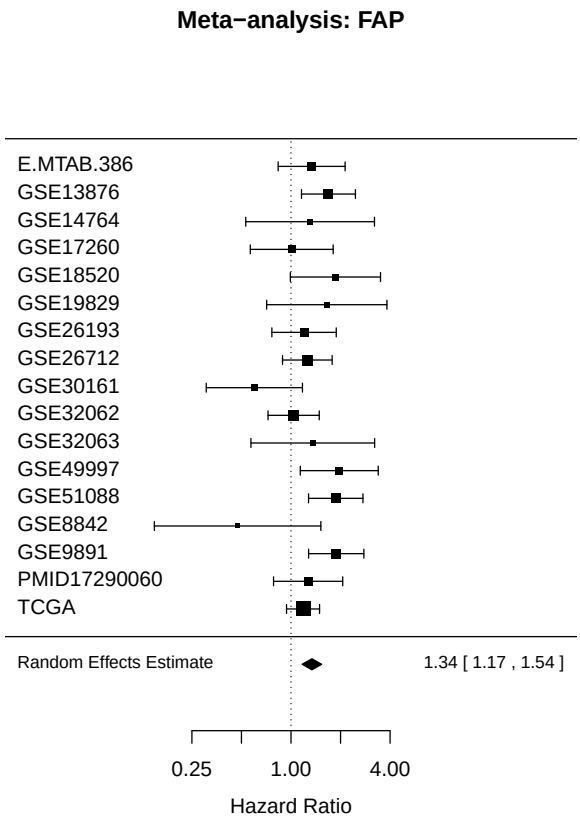
6 POSTN

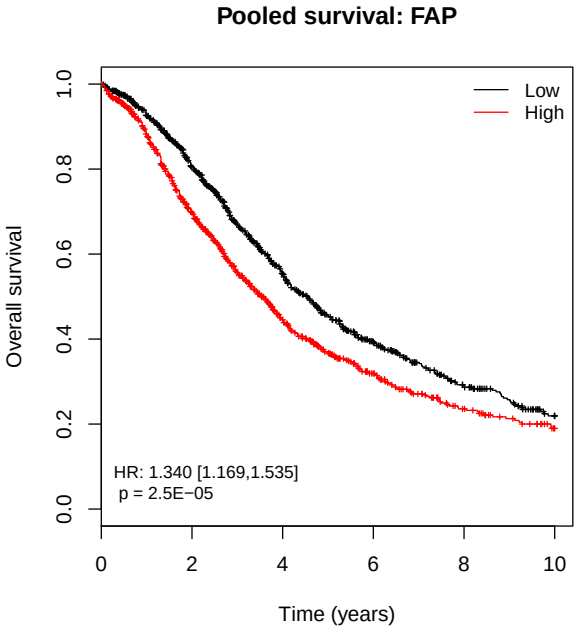




Random effects model: 1.33 [1.16, 1.51], p = 2.3E-05

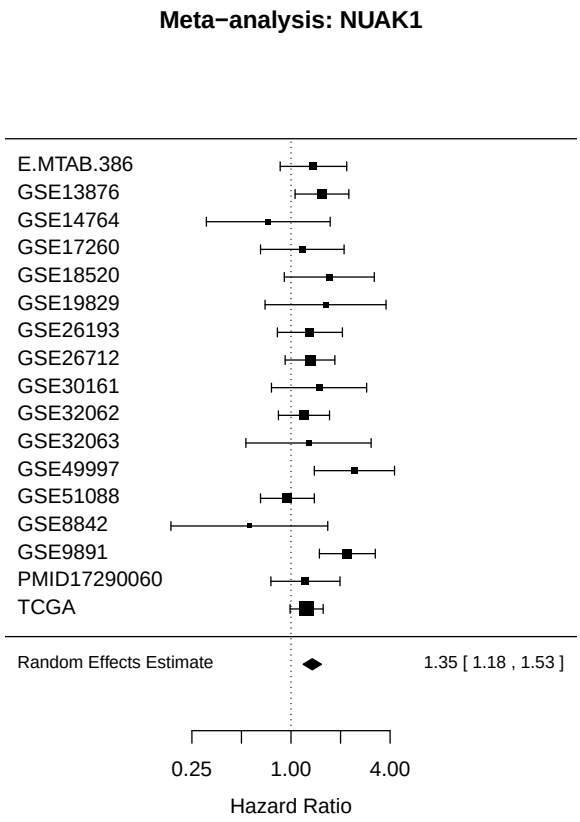
7 FAP

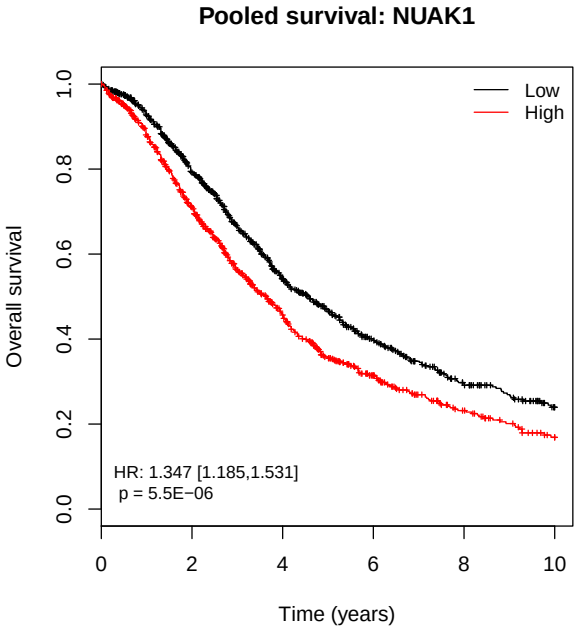




Random effects model: 1.34 [1.17, 1.54], p = 2.5E-05

8 NUAK1





Random effects model: 1.35 [1.18, 1.53], p = 5.5E-06