

Average cut-off values for the high and low levels. (0.4 – 0.4 – 0.2 version)

Cancer Type	Average of Low-Level Scores	Average of High-Level Scores
Brca_hypo	0.264	0.437
Lusc_hypo	0.275	0.424
Coad_hypo	0.264	0.438
Kirc_hypo	0.253	0.379
Brca_hyper	0.312	0.485
Lusc_hyper	0.283	0.454
Coad_hyper	0.323	0.508
Kirc_hyper	0.371	0.524

Survival analysis Cox PH model results (0.4 – 0.4 – 0.2 version)

Cancer Type	Gene Name	Prognostic Score Level	Hazard Rate	P-value	Number of patients at score level	Number of deaths
Brca_hypo	PRDM16-DT	high	3.8503	0.00233	43	7
Coad_hypo	LPCAT1	low	5.5965	0.00109	47	12
Lusc_hypo	BDNF-AS	high	1.5783	0.04650	62	29
	IMMP2L	high	2.6882	0.00127	28	15