

Supplementary Table 4: Area under the Curve (AUC) for models composed of gene signatures

SURVIVAL	VARIABLES	COX MODEL	AUC	AUC COMBINED MODEL	LIKELIHOOD RATIO TEST P-VALUE
PFS	GEP	HR=0.6 [0.5;0.9], $p=0.004$	0.62	0.74	$<1.10^{-3}$
	IFN- $\gamma$	HR=0.7 [0.6;0.9], $p=0.003$	0.64	0.76	$<1.10^{-3}$
	EIG	HR=0.6 [0.5;0.8], $p<1.10^{-3}$	0.65	0.75	$<1.10^{-3}$
	CYTOX	HR=0.5 [0.4;0.8], $p=0.003$	0.62	0.72	$<1.10^{-3}$
	TH1	HR=0.6 [0.4;0.8], $p=0.002$	0.65	0.74	$<1.10^{-3}$
	CTL	HR=0.6 [0.4;0.8], $p<1.10^{-3}$	0.67	0.76	$<1.10^{-3}$
OS	GEP	HR=0.7 [0.5;0.9], $p=0.02$	0.59	0.68	0.001
	IFN- $\gamma$	HR=0.8 [0.7;1], $p=0.09$	0.58	0.66	0.001
	EIG	HR=0.7 [0.5;0.9], $p=0.01$	0.61	0.7	$<1.10^{-3}$
	CYTOX	HR=0.7 [0.5;1], $p=0.09$	0.58	0.67	0.001
	TH1	HR=0.8 [0.5;1.2], $p=0.24$	0.59	0.66	0.002
	CTL	HR=0.7 [0.5;1], $p=0.04$	0.57	0.64	0.002

alone, and gene signatures combined with dichotomized MER4 expression for PFS and OS.

Univariate Cox model results are described as Hazard Ratio (HR), and 95% confidence interval with p-value.

GEP: T cell-inflamed gene expression profile; IFN- $\gamma$ : Interferon gamma; EIG: Extended Immune Gene Signature; CYTOX: Cytotoxicity; TH1: TH1 orientation; CTL: Cytotoxic Lymphocytes.