

S4 Table. Cox proportional hazards model to evaluate association of overall survival and immune cell phenotypes after adjusting for clinical variables potentially related to prognosis

	Univariable		Multivariable	
	HR (95% CI)	p-value	HR (95% CI)	P-value
Age (yr)				
≤ 70	1 (Ref)		-	
> 70	0.88 (0.24-3.29)	0.86	-	-
Sex				
Male	0.47 (0.10-2.21)	0.34	-	-
Female	1 (Ref)		-	
Smoking				
Yes	0.87 (0.27-2.82)	0.82	-	-
Never	1(Ref)		-	
ECOG PS				
0-1	1 (Ref)		-	
≥ 2	0.75 (0.17-3.41)	0.71	-	-
Stage				
ED	1 (Ref)		1 (Ref)	
LD	0.31 (0.09-1.06)	0.06	0.33 (0.09-1.16)	0.08
CD68+CD206-PD-L1+ cell density (cells/mm ²)				
> Median	1 (Ref)		-	
< Median	0.31 (0.10-0.97)	0.04	-	-
CD68+CD206+PD-L1+ cell density (cells/mm ²)				
> Median	4.35 (1.30-14.29)	0.02	4.17 (1.25-14.29)	0.02
< Median	1 (Ref)		1 (Ref)	
PD-L1 positive cell density (cells/mm ²)				
> Median	1 (Ref)		-	
< Median	0.31 (0.10-0.97)	0.04	-	-

CI, confidence interval; ECOG PS, Eastern Cooperative Oncology Group performance status; ED, extensive disease; HR, hazard ratio; LD, limited disease; PD-L1, programmed death-ligand 1.