

S3 Table. Univariate and multivariate Cox regression analyses of TTFT and OS (all-cause mortality)

Variable	Unmatched (complete) dataset			
	Univariate analyses		Multivariate analyses	
	HR (95% CI)	p-value	HR (95% CI)	p-value
TTFT				
Male	1.149 (0.878-1.503)	0.311	1.000 (0.749-1.337)	0.998
Age	1.247 (0.962-1.616)	0.096	0.891 (0.665-1.194)	0.440
Binet B/C	2.614 (1.999-3.420)	< 0.001	1.837 (1.325-2.547)	< 0.001
ECOG PS >1	1.409 (0.995-1.995)	0.054	1.431 (0.970-2.112)	0.071
Hb < 100 g/L	2.391 (1.733-3.299)	< 0.001	0.903 (0.613-1.328)	0.603
PLT <100×10 ⁹ /L	3.022 (2.229-4.096)	< 0.001	1.579 (1.086-2.295)	0.017
LDH >ULN (271 U/L)	2.036 (1.519-2.729)	< 0.001	1.393 (0.990-1.960)	0.057
β ₂ -MG >3.50 mg/L	2.071 (1.600-2.682)	< 0.001	1.323 (0.987-1.773)	0.061
<i>TP53</i> disruption	2.467 (1.796-3.390)	< 0.001	1.542 (1.094-2.174)	0.013
<i>ATM</i> deletion	1.411 (0.966-2.061)	0.075	1.090 (0.738-1.610)	0.666
<i>IGHV</i> unmutated	2.470 (1.898-3.213)	< 0.001	1.882 (1.403-2.525)	< 0.001
CD38 ≥ 30%	1.285 (0.945-1.747)	0.110	1.088 (0.776-1.525)	0.627
ZAP-70 ≥ 20%	1.020 (0.782-1.331)	0.883	0.849 (0.641-1.126)	0.256
Diabetic	2.075 (1.528-2.819)	< 0.001	1.643 (1.179-2.290)	0.003
OS				
Male	1.307 (0.969-1.764)	0.080	1.145 (0.836-1.567)	0.399
Age	1.981 (1.499-2.618)	< 0.001	1.971 (1.457-2.666)	< 0.001
Binet B/C	2.693 (1.918-3.782)	< 0.001	1.889 (1.243-2.870)	0.003
ECOG PS > 1	1.870 (1.348-2.595)	< 0.001	1.400 (0.990-1.979)	0.057
Hb < 100 g/L	2.105 (1.570-2.822)	< 0.001	1.087 (0.764-1.546)	0.644

PLT < 100×10 ⁹ /L	2.048 (1.546-2.712)	< 0.001	0.899 (0.633-1.276)	0.551
LDH > ULN (271 U/L)	2.427 (1.824-3.229)	< 0.001	1.407 (1.007-1.966)	0.046
β ₂ -MG > 3.50 mg/L	2.282 (1.706-3.053)	< 0.001	1.435 (1.045-1.970)	0.026
<i>TP53</i> disruption	3.125 (2.337-4.179)	< 0.001	1.842 (1.331-2.550)	< 0.001
<i>ATM</i> deletion	1.428 (0.968-2.107)	0.073	1.151 (0.774-1.712)	0.487
<i>IGHV</i> unmutated	2.772 (2.084-3.686)	< 0.001	1.870 (1.370-2.553)	< 0.001
CD38 ≥ 30%	1.118 (0.815-1.533)	0.489	0.841 (0.607-1.165)	0.298
ZAP-70 ≥ 20%	0.971 (0.724-1.302)	0.846	0.752 (0.556-1.016)	0.063
Diabetic	3.475 (2.571-4.697)	< 0.001	2.744 (1.994-3.777)	< 0.001

TTFT, time-to-first-treatment; OS, overall survival; HR, hazard ratio; 95% CI, 95% confidence interval; ECOG, Eastern Cooperative Oncology Group; PS, performance status; Hb, hemoglobin; PLT, platelet; LDH, lactate dehydrogenase; β₂-MG, β₂-microglobulin; *IGHV*, immunoglobulin heavy chain variable region; ZAP-70, zeta-chain associated protein kinase 70.