

Table3. Univariate and Multivariate Analyses of Each Factor's Value in Predicting PFS and OS of the Whole Study Population.

	PFS				OS			
	Univariate Analyses		Multivariate Analysis		Univariate Analyses		Multivariate Analysis	
	HR (95% CI)	P value	HR (95% CI)	P value	HR (95% CI)	P value	HR (95% CI)	P value
Age (years)	1.72(0.93-3.17)	0.083			1.02(0.54-1.91)	0.951		
ALT (IU/L)	0.86(0.73-1.02)	0.075			0.81(0.68-0.97)	0.020*	0.99(0.98-1.00)	0.172
AST (IU/L)	0.86(0.65-1.14)	0.293			0.76(0.56-1.04)	0.082		
ALP (IU/L)	1.28(1.04-1.58)	0.022*	1.00(1.00-1.00)	0.303	1.27(1.01-1.60)	0.040*	1.00(1.00-1.01)	0.239
LDH (IU/L)	0.90(0.75-1.09)	0.298			0.82(0.66-1.01)	0.062		
Total bilirubin (μmol/L)	0.9(0.70-1.16)	0.425			0.90(0.69-1.18)	0.462		
Direct bilirubin (μmol/L)	1.02(0.86-1.21)	0.850			1.05(0.87-1.25)	0.620		
D-dimer (mg/L)	1.14(0.98-1.33)	0.097			1.22(1.04-1.45)	0.017*	1.01(0.96-1.07)	0.741
PT (sec)	4.77(1.81-12.59)	0.002*	1.11(0.95-1.29)	0.193	7.72(2.65-22.47)	<0.001*	1.16(0.99-1.36)	0.062
APTT (sec)	0.75(0.24-2.36)	0.626			0.54(0.16-1.90)	0.339		
BUN (mmol/L)	0.93(0.72-1.21)	0.607			0.83(0.61-1.13)	0.236		
Cr (μmol/L)	1.16(0.82-1.64)	0.414			0.95(0.65-1.39)	0.801		
WBC (10 ⁹ /L)	1.36(0.98-1.89)	0.070			1.36(0.96-1.92)	0.084		
Hemoglobin (g/L)	0.32(0.18-0.57)	<0.001*	0.99(0.98-1.00)	0.018*	0.33(0.18-0.62)	<0.001*	0.99(0.98-1.00)	0.047*
PLT (10 ⁹ /L)	0.96(0.78-1.18)	0.703			0.92(0.74-1.16)	0.492		
Neutrophils (10 ⁹ /L)	1.37(1.06-1.77)	0.015*	1.08(1.00-1.17)	0.061	1.42(1.07-1.87)	0.014*	1.07(0.98-1.16)	0.113
Lymphocyte (10 ⁹ /L)	0.52(0.35-0.77)	0.001*	0.80(0.58-1.11)	0.178	0.51(0.33-0.78)	0.002*	0.80(0.57-1.11)	0.184
NLR	1.38(1.18-1.61)	<0.001*	0.98(0.93-1.02)	0.326	1.49(1.25-1.77)	<0.001*	0.99(0.94-1.04)	0.629
PLR	1.21(1.03-1.44)	0.024*	1.00(1.00-1.00)	0.915	1.22(1.01-1.46)	0.035*	1.00(1.00-1.00)	0.815
Total cholesterol (mmol/L)	1.31(0.82-2.10)	0.260			1.15(0.70-1.87)	0.584		
Triglycerides (mmol/L)	0.9(0.67-1.20)	0.463			0.93(0.69-1.27)	0.663		
HDL (mmol/L)	0.97(0.54-1.76)	0.933			0.94(0.53-1.67)	0.830		

LDL (mmol/L)	1.13(0.76-1.69)	0.546			1.11(0.73-1.69)	0.631		
Albumin (g/L)	0.39(0.20-0.76)	0.006*	1.00(0.97-1.03)	0.915	0.60(0.28-1.27)	0.184		
Globulin (g/L)	0.82(0.49-1.39)	0.463			0.72(0.41-1.25)	0.241		
A/G	0.68(0.33-1.41)	0.304			1.10(0.51-2.37)	0.810		
Serum CEA(ng/mL)	1.06(1.00-1.12)	0.045*	1.00(1.00-1.00)	0.077	1.06(1.00-1.12)	0.062		
TNM stage	0.54(0.33-0.91)	0.019*	0.81(0.64-1.02)	0.070	0.82(0.45-1.48)	0.508		
Gender (Male), n(%)								
Male vs Female	1.44(1.11-1.87)	0.006*	1.28(0.96-1.73)	0.096	1.36(1.04-1.79)	0.026*	1.25(0.94-1.68)	0.131
Smoking history, n(%)								
With vs Without	1.22(0.81-1.82)	0.342			1.12(0.74-1.69)	0.589		
Hypertension, n(%)								
With vs Without	1.01(0.75-1.36)	0.927			0.97(0.71-1.32)	0.827		
Diabetes, n(%)								
With vs Without	0.91(0.54-1.53)	0.712			0.75(0.41-1.37)	0.351		
Sarcopenia, n(%)								
With vs Without	1.41(1.08-1.83)	0.011*	1.25(0.94-1.66)	0.119	1.48(1.12-1.96)	0.006*	1.49(1.10-2.00)	0.009*
Pleural effusion, n(%)								
With vs Without	1.25(0.97-1.61)	0.084			1.27(0.97-1.65)	0.078		
ECOG score, n(%)								
0~1 vs ≥2	0.58(0.37-0.90)	0.016*	0.78(0.47-1.30)	0.343	0.78(0.50-1.23)	0.290		
KPS score, n(%)								
<60 vs ≥60	3.70(1.36-10.04)	0.010*	4.52(1.39-14.71)	0.012*	4.75(1.75-12.88)	0.002*	6.55(2.26-18.93)	0.001*
Urine protein, n(%)								
With vs Without	0.53(0.20-1.42)	0.207			0.69(0.26-1.87)	0.469		
BMI (kg/m ²), n(%)								
≥24 vs <24	0.77(0.59-1.01)	0.062			0.85(0.65-1.13)	0.268		

NRS-2002 score, n(%)								
≥3 vs <3	1.48(1.06-2.07)	0.022*	1.30(0.88-1.93)	0.182	1.45(1.00-2.05)	0.049*	1.36(0.91-2.05)	0.136
Adenocarcinoma, n(%)								
Yes vs No	0.84(0.60-1.17)	0.295			1.10(0.78-1.55)	0.598		
Chemotherapy, n(%)								
With vs Without	1.44(0.98-2.12)	0.061			1.49(1.00-2.21)	0.051		
Targeted therapy, n(%)								
With vs Without	0.76(0.58-0.99)	0.039*	0.84(0.62-1.13)	0.250	0.80(0.61-1.05)	0.108		
Immunotherapy, n(%)								
With vs Without	1.50(1.14-1.99)	0.004*	1.11(0.81-1.51)	0.519	1.52(1.12-2.05)	0.007*	1.22(0.88-1.70)	0.229
Radiotherapy, n(%)								
With vs Without	0.53(0.27-1.03)	0.062			0.70(0.34-1.41)	0.313		
Surgical treatment, n(%)								
With vs Without	0.94(0.64-1.37)	0.733			1.01(0.68-1.50)	0.956		
Total Adverse events, n(%)								
With vs Without	1.34(0.97-1.61)	0.084			1.25(0.89-1.76)	0.202		
Adverse events≥level 3, n(%)								
With vs Without	1.30(0.86-1.97)	0.218			0.99(0.64-1.52)	0.948		