

Supplement Table S1. Cox proportional hazards regression for LRR.

Covariables	Univariable Analysis		Multivariable Analysis	
	Hazard Ratio (95% CI)	P value	Hazard Ratio (95% CI)	P value
Age (year)	1.01 (0.97–1.06)	0.623	1.02 (0.97–1.07)	0.506
Gender				
Female	1 [Reference]		1 [Reference]	
Male	2.60 (0.89–7.59)	0.080	2.01 (0.43–9.42)	0.374
Smoking Status				
Never smoker	1 [Reference]		1 [Reference]	
Former/current smoker	1.96 (0.82–4.71)	0.130	1.27 (0.37–4.34)	0.699
T-stage				
T1	1 [Reference]		1 [Reference]	
T2	0.77 (0.35–1.71)	0.518	0.49 (0.21–1.14)	0.099
Histologic subtype				
Adenocarcinoma	1 [Reference]		1 [Reference]	
Squamous cell carcinoma	1.88 (0.68–5.20)	0.223	0.66 (0.20–2.25)	0.509
NSCLC, NOS	0.81 (0.21–3.09)	0.762	0.28 (0.06–1.19)	0.083
No pathologic diagnosis	0.82 (0.30–2.25)	0.696	0.55 (0.18–1.72)	0.304
BED (Gy)	0.96 (0.90–1.02)	0.221	0.91 (0.85–0.98)	0.011
dNLR				
<1.4	1 [Reference]			
≥1.4	1.12 (0.48–2.60)	0.791		
MLR				
<0.3	1 [Reference]		1 [Reference]	0.171
≥0.3	2.36 (0.94–5.91)	0.067	2.00 (0.74–5.37)	
PLR				
<128	1 [Reference]			
≥128	0.73 (0.33–1.61)	0.435		
Serum albumin level (g/L)				
<43.0	1 [Reference]			
≥43.0	0.57 (0.25–1.33)	0.195		
LDH (U/L)				
<240	1 [Reference]			
≥240	0.04 (0.00–21.82)	0.323		
CRP				
<2.9	1 [Reference]		1 [Reference]	
≥2.9	10.87 (3.73–31.72)	<0.001	17.17 (5.56–53.08)	<0.001

Supplement Table S2. Cox proportional hazards regression for DM.

Covariables	Univariable Analysis		Multivariable Analysis	
	Hazard Ratio (95% CI)	P value	Hazard Ratio (95% CI)	P value
Age (year)	1.01 (0.97–1.05)	0.639	1.01 (0.97–1.05)	0.605
Gender				
Female	1 [Reference]		1 [Reference]	
Male	1.98 (0.91–4.29)	0.084	1.76 (0.64–4.79)	0.271
Smoking Status				
Never smoker	1 [Reference]		1 [Reference]	
Former/current smoker	1.65 (0.85–3.19)	0.137	0.90 (0.37–2.16)	0.810
T-stage				
T1	1 [Reference]		1 [Reference]	
T2	0.85 (0.46–1.58)	0.604	0.68 (0.35–1.30)	0.243
Histologic subtype				
Adenocarcinoma	1 [Reference]		1 [Reference]	
Squamous cell carcinoma	2.25 (1.03–4.95)	0.043	1.50 (0.63–3.55)	0.362
NSCLC, NOS	0.90 (0.32–2.57)	0.847	0.55 (0.18–1.65)	0.285
No pathologic diagnosis	0.85 (0.38–1.93)	0.700	0.81 (0.35–1.88)	0.616
BED (Gy)	0.91 (0.86–0.97)	0.004	0.90 (0.84–0.97)	0.003
dNLR				
<1.4	1 [Reference]		1 [Reference]	
≥1.4	2.00 (0.95–4.23)	0.068	2.05 (0.95–4.45)	0.069
MLR				
<0.3	1 [Reference]			
≥0.3	1.13 (0.60–2.12)	0.705		
PLR				
<128	1 [Reference]			
≥128	0.76 (0.41–1.40)	0.375		
Serum albumin level (g/L)				
<43.0	1 [Reference]			
≥43.0	0.67 (0.35–1.28)	0.224		
LDH (U/L)				
<240	1 [Reference]			
≥240	0.52 (0.13–2.17)	0.371		
CRP				
<2.9	1 [Reference]		1 [Reference]	
≥2.9	1.80 (0.98–3.33)	0.191	1.97 (1.04–3.72)	0.038

Supplement Table S3. Cox proportional hazards regression for PFS.

Covariables	Univariable Analysis		Multivariable Analysis	
	Hazard Ratio (95% CI)	P value	Hazard Ratio (95% CI)	P value
Age (year)	1.01 (0.98–1.05)	0.464	1.01 (0.97–1.06)	0.597
Gender				
Female	1 [Reference]		1 [Reference]	
Male	2.23 (1.08–4.60)	0.030	1.74 (0.64–4.75)	0.282
ECOG PS				
0	1 [Reference]		1 [Reference]	
1	1.40 (0.69–2.85)	0.348	1.52 (0.70–3.32)	0.297
2–3	0.74 (0.27–2.05)	0.566	0.87 (0.26–2.84)	0.812
Charlson Comorbidity Index				
2	1 [Reference]		1 [Reference]	
3–4	1.16 (0.65–2.07)	0.627	0.83 (0.45–1.55)	0.563
≥5	1.29 (0.44–3.77)	0.645	0.52 (0.16–1.72)	0.285
Smoking Status				
Never smoker	1 [Reference]		1 [Reference]	
Former/current smoker	1.99 (1.07–3.69)	0.030	1.13 (0.48–2.67)	0.785
Pulmonary Function				
Normal	1 [Reference]		1 [Reference]	
Mild	0.70 (0.20–2.50)	0.584	0.61 (0.15–2.48)	0.492
Moderate	1.67 (0.60–4.59)	0.324	0.97 (0.31–2.97)	0.952
Severe	1.47 (0.57–3.76)	0.422	0.90 (0.32–2.55)	0.846
Unknown	1.63 (0.63–4.26)	0.315	1.39 (0.47–4.06)	0.550
T-stage				
T1	1 [Reference]		1 [Reference]	
T2	0.78 (0.44–1.36)	0.379	0.65 (0.35–1.21)	0.175
Histologic subtype				
Adenocarcinoma	1 [Reference]		1 [Reference]	
Squamous cell carcinoma	2.42 (1.15–5.09)	0.020	1.28 (0.53–3.08)	0.590
NSCLC, NOS	1.16 (0.46–2.92)	0.749	0.63 (0.23–1.74)	0.369
No pathologic diagnosis	1.08 (0.51–2.26)	0.849	0.89 (0.39–2.03)	0.780
BED (Gy)	0.92 (0.87–0.97)	0.002	0.89 (0.84–0.94)	<0.001
dNLR				
<1.4	1 [Reference]		1 [Reference]	
≥1.4	1.77 (0.92–3.41)	0.086	1.85 (0.89–3.87)	0.100
MLR				
<0.3	1 [Reference]			
≥0.3	1.32 (0.74–2.35)	0.345		
PLR				
<128	1 [Reference]			
≥128	0.82 (0.47–1.43)	0.487		
Serum albumin level (g/L)				
<43.0	1 [Reference]		1 [Reference]	
≥43.0	0.60 (0.33–1.10)	0.097	0.86 (0.44–1.66)	0.644
LDH (U/L)				
<240	1 [Reference]			
≥240	0.42 (0.10–1.74)	0.233		
CRP				
<2.9	1 [Reference]		1 [Reference]	
≥2.9	1.51 (0.82–2.79)	0.191	3.13 (1.63–6.01)	0.001

Supplement Table S4. Cox proportional hazards regression for cancer-specific survival.

Covariables	Univariable Analysis		Multivariable Analysis	
	Hazard Ratio (95% CI)	P value	Hazard Ratio (95% CI)	P value
Age (year)	1.03 (0.98–1.07)	0.288	1.01 (0.95–1.07)	0.864
Gender				
Female	1 [Reference]		1 [Reference]	
Male	4.20 (1.27–13.87)	0.019	2.67 (0.55–13.04)	0.224
ECOG PS				
0	1 [Reference]		1 [Reference]	
1	2.20 (0.75–6.41)	0.149	2.76 (0.85–9.03)	0.093
2–3	1.42 (0.36–5.70)	0.618	1.84 (0.35–9.69)	0.474
Charlson Comorbidity Index				
2	1 [Reference]		1 [Reference]	
3–4	1.39 (0.63–3.07)	0.410	1.12 (0.47–2.67)	0.796
≥5	1.91 (0.53–6.95)	0.325	0.98 (0.23–4.15)	0.978
Smoking Status				
Never smoker	1 [Reference]		1 [Reference]	
Former/current smoker	2.86 (1.17–7.04)	0.022	1.12 (0.34–3.64)	0.854
Pulmonary Function				
Normal	1 [Reference]		1 [Reference]	
Mild	0.38 (0.04–3.70)	0.408	0.28 (0.02–3.18)	0.301
Moderate	2.48 (0.64–9.62)	0.189	0.71 (0.15–3.35)	0.669
Severe	1.86 (0.51–6.78)	0.344	0.73 (0.17–3.21)	0.682
Unknown	1.76 (0.47–6.62)	0.406	1.29 (0.30–5.53)	0.729
T-stage				
T1	1 [Reference]			
T2	1.46 (0.70–3.03)	0.313	1.31 (0.58–2.96)	0.511
Histologic subtype				
Adenocarcinoma	1 [Reference]			
Squamous cell carcinoma	2.69 (1.00–7.24)	0.050	1.13 (0.37–3.48)	0.828
NSCLC, NOS	1.41 (0.41–4.83)	0.580	1.06 (0.26–4.27)	0.934
No pathologic diagnosis	1.27 (0.47–3.41)	0.639	1.22 (0.41–3.64)	0.723
BED (Gy)	0.92 (0.85–0.99)	0.020	0.88 (0.81–0.96)	0.004
dNLR				
<1.4	1 [Reference]			
≥1.4	3.23 (1.12–9.29)	0.030	4.02 (1.25–12.96)	0.020
MLR				
<0.3	1 [Reference]			
≥0.3	1.39 (0.65–3.00)	0.397		
PLR				
<128	1 [Reference]			
≥128	0.88 (0.42–1.82)	0.722		
Serum albumin level (g/L)				
<43.0	1 [Reference]			
≥43.0	0.48 (0.21–1.07)	0.073	0.66 (0.25–1.73)	0.394
LDH (U/L)				
<240	1 [Reference]			
≥240	0.87 (0.21–3.65)	0.846		
CRP				
<2.9	1 [Reference]			
≥2.9	2.30 (1.10–4.77)	0.026	2.87 (1.21–6.80)	0.017