

S1 Table. Univariate analyses for disease-free survival and illness-death models after controlling for the effects of TNM stage among patients with lung cancer

Variable	Disease-free survival model		Illness-death model					
			Relapse5		Death without relapse		Death after relapse	
	HR (95% CI)	p-value	HR (95% CI)	p-value	HR (95% CI)	p-value	HR (95% CI)	p-value
Age (yr)	1.03 (1.02-1.05)	< 0.001	1.01 (0.99-1.03)	0.329	1.09 (1.06-1.13)	< 0.001	1.87 (0.71-4.91)	0.205
Male sex	1.17 (0.86-1.61)	0.322	0.75 (0.53-1.07) ³	0.116	4.45 (1.92-10.32)	0.001	1.82 (0.69-4.79)	0.222
Former or current smoker	1.49 (1.11-1.99)	0.008	1.03 (0.73-1.46)	0.847	4.09 (2.09-8.00)	< 0.001	1.78 (0.68-4.67)	0.240
Family history of lung cancer	0.80 (0.38-1.71)	0.570	0.68 (0.25-1.84)	0.444	1.04 (0.33-3.34)	0.942	1.90 (0.72-5.00)	0.196
History of malignancy other than lung cancer	1.54 (1.08-2.21)	0.017	1.58 (1.02-2.44)	0.040	1.41 (0.75-2.65)	0.281	1.90 (0.72-5.02)	0.194
Location at a lower lobe	0.99 (0.75-1.29)	0.924	0.66 (0.47-0.93)	0.018	2.19 (1.34-3.58)	0.002	1.83 (0.70-4.80)	0.218
Pneumonectomy (reference: lobectomy)	1.55 (1.06-2.27)	0.024	1.48 (0.92-2.37)	0.108	2.08 (1.08-4.01)	0.028	1.90 (0.72-5.02)	0.193
ADC (reference: SqCC)	1.00 (0.76-1.33)	0.981	1.63 (1.14-2.31)	0.007	0.37 (0.22-0.63)	< 0.001	1.90 (0.72-5.01)	0.196
Adjuvant therapy (reference: operation only)	0.70 (0.47-1.04)	0.078	1.99 (1.10-3.6)	0.024	0.12 (0.06-0.24)	< 0.001	1.86 (0.70-4.99)	0.215

ADC, adenocarcinoma; Adjuvant therapy, adjuvant chemo- or radiation therapy; CI, confidence interval; HR, hazard ratio; SqCC, squamous cell carcinoma.