

Supplementary table. Analysis of survival of lung cancer patients in relation to the geographically based propensity to use surgical resection (3A), radical radiotherapy (3B), and chemotherapy (3C). Hazard ratios (HR) for death from any cause during follow-up from date of diagnosis. Follow-up ends at two years for surgery and radical radiotherapy, and at six months for chemotherapy. The analyses are stratified by stage.

		Stage I and II			Stage III			Stage IV			Stage NA		
		HR	95% CI		HR	95% CI		HR	95% CI		HR	95% CI	
A	1	1.00			1.00			1.00			1.00		
Geographical	2	0.91	0.85	0.96	1.02	0.97	1.06	0.98	0.96	1.00	0.98	0.95	1.01
quintile of	3	0.89	0.84	0.94	1.01	0.97	1.05	0.98	0.96	1.01	0.93	0.90	0.96
surgical	4	0.82	0.77	0.86	0.98	0.94	1.02	0.97	0.95	0.99	0.99	0.96	1.03
resection	5	0.80	0.75	0.84	0.94	0.90	0.98	0.97	0.95	0.99	0.96	0.93	0.99
$\chi^2$ (1 df)		74.2			11.9			7.4			4.7		
		p<0.001			p<0.001			p=0.007			p=0.03		
		HR	95% CI		HR	95% CI		HR	95% CI		HR	95% CI	
B	1	1.00			1.00			1.00			1.00		
Geographical	2	0.94	0.88	1.00	0.94	0.89	0.98	0.98	0.96	1.01	0.97	0.93	1.00
quintile of	3	0.97	0.91	1.03	0.93	0.89	0.97	1.00	0.98	1.03	0.93	0.90	0.96
radical	4	0.90	0.85	0.96	0.89	0.85	0.94	0.99	0.97	1.02	0.92	0.89	0.96
radiotherapy	5	0.92	0.86	0.98	0.87	0.83	0.91	1.00	0.98	1.03	0.89	0.86	0.92
$\chi^2$ (1 df)		9.1			37.4			0.4			43.4		
		p=0.003			p<0.001			p=0.55			p<0.001		
		HR	95% CI		HR	95% CI		HR	95% CI		HR	95% CI	
C	1	1.00			1.00			1.00			1.00		
Geographical	2	0.89	0.81	0.98	0.98	0.92	1.04	0.97	0.94	0.99	0.96	0.93	1.00
quintile of	3	0.88	0.80	0.96	0.93	0.88	0.99	0.94	0.91	0.96	1.00	0.96	1.05
chemotherapy	4	0.87	0.78	0.95	0.89	0.84	0.95	0.92	0.89	0.94	0.96	0.92	0.99
	5	0.85	0.77	0.94	0.92	0.86	0.97	0.90	0.87	0.92	0.96	0.92	1.00
$\chi^2$ (1 df)		9.9			14.6			73.8			3.9		
		p=0.002			p<0.001			p<0.001			p=0.05		