(A) Supplementary Table 1SCLC

Variable	OS Hazard ratio	OS 95% Confidence Interval (CI)	p-Value
1988–1992 vs. 2013–2015	1.25	1.19–1.30	< 0.01
1993–1997 vs. 2013–2015	1.19	1.14–1.24	< 0.01
1998–2002 vs. 2013–2015	1.07	1.03–1.11	< 0.01
2003–2007 vs. 2013–2015	1.02	0.98–1.05	0.365
2008–2012 vs. 2013–2015	1.01	0.99–1.03	0.297

(B) LCNEC

Variable	OS Hazard ratio	OS 95% Confidence Interval (CI)	p-Value
1998–2002 vs. 2013–2015	1.09	0.87–1.37	0.471
2003–2007 vs. 2013–2015	0.96	0.81–1.14	0.635
2008–2012 vs. 2013–2015	1.01	0.92–1.12	0.831

(C) TC

Variable	OS Hazard ratio	OS 95% Confidence Interval (CI)	p-Value
1988–1992 vs. 2013–2015	2.28	1.53–3.38	< 0.01
1993–1997 vs. 2013–2015	2.35	1.62–3.40	< 0.01
1998–2002 vs. 2013–2015	1.54	1.09–2.18	0.015
2003–2007 vs. 2013–2015	1.30	0.97–1.74	0.082
2008–2012 vs. 2013–2015	1.03	0.83–1.27	0.810

(D) AC

Variable	OS Hazard ratio	OS 95% Confidence Interval (CI)	p-Value
1998–2002 vs. 2013–2015	1.39	0.58–3.36	0.461
2003–2007 vs. 2013–2015	0.85	0.43–1.71	0.652
2008–2012 vs. 2013–2015	1.24	0.84–1.81	0.280

Table S1. (A) Multivariable Cox proportional hazards regression model highlighting OS change over time based on 5 years comparison among patients with SCLC. (B) Multivariable Cox proportional hazards regression model highlighting OS change over time based on 5 years comparison among patients with LCNEC. (X) Multivariable Cox proportional hazards regression model highlighting OS change over time based on 5 years comparison among patients with TC. (D) Multivariable Cox

proportional hazards regression model highlighting OS change over time based on 5 years comparison among patients with AC.