

**Supplementary Table 1. Univariate and Multivariate Analysis of Lung Cancer Survival**

Explanatory	Total N	levels	HR (univariable)	HR (multivariable)
Hospice delivery model	1145	HSC	-	-
		HIC	0.89 (0.73-1.10, $p=0.278$ )	1.11 (0.90-1.36, $p=0.336$ )
		HHC	0.71 (0.60-0.84, $p<0.001$ )	0.39 (0.32-0.48, $p<0.001$ )
Diagnosis to hospice (Months)	1145	Mean (SD)	0.90 (0.89-0.90, $p<0.001$ )	0.89 (0.88-0.90, $p<0.001$ )
Age	1145	Mean (SD)	1.02 (1.01-1.03, $p<0.001$ )	1.01 (1.00-1.01, $p=0.005$ )
Gender	1145	Male	-	-
		Female	0.67 (0.59-0.75, $p<0.001$ )	0.85 (0.75-0.97, $p=0.014$ )
Targeted Therapy	1145	No	-	-
		Yes	0.51 (0.45-0.58, $p<0.001$ )	0.83 (0.72-0.96, $p=0.013$ )
Radiotherapy	1145	No	-	-
		Yes	1.28 (1.13-1.46, $p<0.001$ )	0.94 (0.82-1.08, $p=0.383$ )
Systemic Therapy	1145	No	-	-
		Yes	0.28 (0.24-0.33, $p<0.001$ )	0.76 (0.64-0.90, $p=0.002$ )

Abbreviations: N, Numbers; HR, Hazard ratio; HSC, hospice share care; HIC, hospice inpatient care; HHC, hospice home care