

S4 Table. Univariate and multivariate analyses of risk factors associated with mortality (n=3,176) in NSCLC patients after curative surgery

| Parameter | Univariate HR (95% CI) | p-value | Multivariate HR (95% CI) | p-value |
|---|-----------------------------------|----------------|-------------------------------------|----------------|
| Sex | | | | |
| Female vs. male (Ref) | 0.52 (0.36-0.75) | < 0.001 | 0.44 (0.35-0.57) | < 0.001 |
| Age (yr) | | | | |
| > 65 vs ≤ 65 (Ref) | 1.66 (1.35-2.05) | < 0.001 | 1.69 (1.38-2.07) | < 0.001 |
| BMI | 0.94 (0.92-0.97) | < 0.001 | 0.94 (0.92-0.97) | < 0.001 |
| Smoking | | | | |
| Ever vs. never (Ref) | 1.18 (0.84-1.66) | 0.330 | | |
| ECOG | | | | |
| ≥ 2 vs. 0-1 (Ref) | 1.36 (0.86-2.18) | 0.192 | | |
| DLco (per) | 0.98 (0.98-0.99) | < 0.001 | 0.98 (0.98-0.99) | < 0.001 |
| EGFR | | | | |
| Positive vs. negative (Ref) | 0.82 (0.65-1.04) | 0.106 | 0.79 (0.63-1.00) | 0.047 |
| pT | | | | |
| T3-4 vs. T1-2 | 0.99 (0.66-1.50) | 0.969 | | |
| pN | | | | |
| N1 vs. N0 (Ref) | 1.04 (0.71-1.53) | 0.825 | | |
| N2 vs. N0 (Ref) | 1.07 (0.56-2.06) | 0.836 | | |
| pStage | | | | |
| Stage II vs. stage I (Ref) | 1.76 (1.25-2.48) | < 0.001 | 1.81 (1.41-2.33) | < 0.001 |
| Stage III vs. stage I (Ref) | 2.23 (1.13-4.41) | 0.021 | 2.43 (1.88-3.15) | < 0.001 |
| Pleural invasion | | | | |
| Visceral pleural invasion vs. no pleural invasion (Ref) | 1.44 (1.15-1.79) | 0.002 | 1.42 (1.14-1.77) | 0.002 |

BMI, body mass index; CI, confidence interval; ECOG, Eastern Cooperative Oncology Group; DLco, diffusing capacity of the lungs for carbon monoxide; EGFR, epidermal growth factor receptor; HR, hazard ratio; NSCLC, non-small cell lung cancer.