

S6 Table. Risk factors of mortality in ECOG performance status 0-1 patient aged 80 years or above with stage I-II NSCLC using Cox proportional hazards models

| | Univariate analysis | | | Multivariate analysis | | |
|-------------------------------|---------------------|--------------|---------|-----------------------|--------------|---------|
| | Hazard ratio | 95% CI | p-value | Hazard ratio | 95% CI | p-value |
| Age | 1.120 | 1.003-1.250 | 0.044 | 1.002 | 0.825-1.217 | 0.981 |
| Male sex | 2.501 | 0.975-6.415 | 0.056 | 1.150 | 0.337-3.924 | 0.823 |
| Ever-smoker | 2.034 | 0.930-4.445 | 0.075 | 1.030 | 0.302-3.512 | 0.962 |
| BMI | 0.871 | 0.788-0.963 | 0.007 | 0.892 | 0.785-1.014 | 0.081 |
| Histopathology | | | 0.002 | | | 0.147 |
| Squamous cell carcinoma (ref) | 1.000 | | | 1.000 | | |
| Adenocarcinoma | 0.298 | 0.132-0.675 | 0.004 | 0.354 | 0.113-1.111 | 0.075 |
| Others | 1.792 | 0.719-4.462 | 0.210 | 1.378 | 0.522-3.636 | 0.517 |
| FEV ₁ % predicted | 0.998 | 0.983-1.013 | 0.817 | 1.014 | 0.992-1.036 | 0.206 |
| Clinical stage of NSCLC | | | 0.004 | | | 0.094 |
| I (ref) | 1.000 | | | 1.000 | | |
| II | 2.919 | 1.401-6.083 | 0.004 | 2.060 | 0.885-4.798 | 0.094 |
| Treatment | | | <0.001 | | | 0.009 |
| Surgery (ref) | 1.000 | | | 1.000 | | |
| Radiation therapy | 2.262 | 1.004-5.098 | 0.049 | 1.567 | 0.596-4.316 | 0.385 |
| Best supportive care | 7.041 | 3.097-16.008 | <0.001 | 4.520 | 1.610-12.688 | 0.004 |

BMI, body mass index; CI, confidence interval; ECOG, Eastern Cooperative Oncology Group; FEV₁, forced expiratory volume in 1 second; NSCLC, non-small cell lung cancer; ref, reference.