**S7 Table.** Risk factors of mortality in ECOG performance status 0-1 patient aged 80 years or above with stage IV NSCLC using Cox proportional hazards models

| | Univariate analysis | | | Multivariate analysis | | |
|---|---|---|---|---|---|---|
| | Hazard ratio | 95% CI | p-value | Hazard ratio | 95% CI | p-value |
| Age | 1.000 | 0.931-1.074 | 0.999 | 1.018 | 0.948-1.094 | 0.616 |
| Male sex | 2.118 | 1.410-3.179 | < 0.001 | 2.186 | 1.268-3.769 | 0.005 |
| Ever-smoker | 1.620 | 1.086-2.416 | 0.018 | 1.440 | 0.841-2.464 | 0.184 |
| BMI | 0.868 | 0.809-0.932 | < 0.001 | 0.888 | 0.826-0.955 | 0.001 |
| Histopathology | | | < 0.001 | | | 0.002 |
|   Squamous cell carcinoma (ref) | 1.000 | | | 1.000 | | |
|   Adenocarcinoma | 0.444 | 0.286-0.689 | < 0.001 | 0.550 | 0.326-0.927 | 0.025 |
|   Others | 1.997 | 0.913-4.369 | 0.083 | 2.406 | 1.067-5.425 | 0.034 |
| Treatment | | | < 0.001 | | | 0.004 |
|   Chemotherapy (ref) | 1.000 | | | 1.000 | | |
|   Best supportive care | 2.563 | 1.689-3.889 | < 0.001 | 2.022 | 1.256-3.257 | 0.004 |

BMI, body mass index; CI, confidence interval; ECOG, Eastern Corporative Oncology Group; NSCLC, non-small cell lung cancer; ref, reference.