**Supplementary Table 1.** Multivariate analyses of the factors that are predictive of overall survival in all patients apart from the new score, which use the neutrophil-to-lymphocyte ratios of serum and malignant pleural effusion

|  |  |
| --- | --- |
| Variable | Multivariate analysis |
| HR | 95% CI | *P* value |
| Age, years< 65 ≥ 65  | reference1.45 | 1.01-2.09 | 0.046 |
| ECOG PS0-12-4 | reference3.55 | 2.42-5.20 | <0.001 |
| HistologyADCSQCOthersSCC | reference2.253.672.09 | 1.12-4.501.42-9.511.01-4.34 | 0.003(0.022)(0.007)(0.047) |
| sNLR< 3.85≥ 3.85 | reference1.62 | 1.14-2.30 | 0.007 |

*Abbreviations:* HR, hazard ratio; CI, confidence interval; ECOG PS, Eastern Cooperative Oncology Group performance status; ADC, adenocarcinoma; SQC, squamous cell carcinoma; SCC, small cell carcinoma; sNLR, neutrophil-to-lymphocyte ratio of serum