

Supplementary Table S2 Results of multivariate logistic regression models in the sensitivity analysis.

| Variables | Model with heart rate | | Model with respiratory rate | |
|---|-----------------------|-------|-----------------------------|-------|
| | OR (95% CI) | P | OR (95% CI) | P |
| Age, years | 1.08 (1.00–1.17) | 0.047 | 1.09 (1.00–1.17) | 0.040 |
| WBC count ≥ 6.93 vs < 6.93 ×10 ⁹ /L | 11.60 (1.95–68.88) | 0.007 | 16.08 (2.58–100.45) | 0.003 |
| dNLR ≥4.19 vs <4.19 | 19.83 (3.57–110.15) | 0.001 | 17.71 (3.36–93.36) | 0.001 |
| Cancer stage | 1.61 (0.76–3.39) | 0.210 | 1.59 (0.75–3.35) | 0.228 |
| Receipt of antitumor treatment | 20.03 (2.52–158.98) | 0.005 | 26.61 (3.34–212.04) | 0.002 |
| Heart rate, bpm | 1.04 (0.99–1.09) | 0.125 | — | — |
| Respiratory rate, breaths per minute | — | — | 1.11 (0.91–1.36) | 0.285 |
| Dyspnea | 16.57 (2.69–102.05) | 0.002 | 19.24 (3.23–114.74) | 0.001 |

Abbreviations: COVID-19, coronavirus disease 2019; OR, odds ratio; 95% CI, 95% confidence interval; WBC, peripheral white blood cell.

The sample size for fitting the model was 156.