Table S1. Univariate logistic regression by T2DM

|  | **Patients with T2DM** | | | **Patients without T2DM** | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Characteristic** | **Univariate OR**1 | **95% CI**1 | **p value** | **Univariate OR**1 | **95% CI**1 | **p value** |
| **Age (years)** |  |  |  |  |  |  |
| < 61 | — | — |  | — | — |  |
| = 61 | 2.46 | 1.33, 4.62 | **0.005** | 3.36 | 2.32, 4.88 | **<0.001** |
| **Sex** |  |  |  |  |  |  |
| Female | — | — |  | — | — |  |
| Male | 1.28 | 0.68, 2.43 | 0.451 | 1.00 | 0.69, 1.44 | 0.982 |
| **Hypertension** |  |  |  |  |  |  |
| No | — | — |  | — | — |  |
| Yes | 1.91 | 1.02, 3.60 | **0.044** | 1.35 | 0.87, 2.11 | 0.182 |
| **Obesity** |  |  |  |  |  |  |
| No | — | — |  | — | — |  |
| Yes | 0.60 | 0.26, 1.33 | 0.215 | 1.31 | 0.79, 2.17 | 0.296 |
| **Fever** |  |  |  |  |  |  |
| No | — | — |  | — | — |  |
| Yes | 1.54 | 0.83, 2.87 | 0.174 | 1.85 | 1.27, 2.70 | **0.001** |
| **Dry cought** |  |  |  |  |  |  |
| No | — | — |  | — | — |  |
| Yes | 1.50 | 0.74, 3.11 | 0.264 | 2.20 | 1.37, 3.58 | **0.001** |
| **Tachypnea** |  |  |  |  |  |  |
| No | — | — |  | — | — |  |
| Yes | 0.55 | 0.27, 1.07 | 0.080 | 0.88 | 0.60, 1.29 | 0.521 |
| **Dyspnea** |  |  |  |  |  |  |
| No | — | — |  | — | — |  |
| Yes | 3.75 | 1.42, 11.79 | **0.013** | 2.84 | 1.60, 5.28 | **<0.001** |
| **Heart rate (BPM)** |  |  |  |  |  |  |
| < 100 | — | — |  | — | — |  |
| = 100 | 2.31 | 1.23, 4.39 | **0.010** | 1.91 | 1.33, 2.74 | **<0.001** |
| **Respiratory rate (BPM)** |  |  |  |  |  |  |
| 24 - 30 | — | — |  | — | — |  |
| < 24 | 0.59 | 0.28, 1.21 | 0.154 | 0.38 | 0.24, 0.61 | **<0.001** |
| 30 | 1.20 | 0.55, 2.64 | 0.648 | 1.87 | 1.18, 3.02 | **0.009** |
| **SBP (mmHg)** |  |  |  |  |  |  |
| < 140 | — | — |  | — | — |  |
| = 140 | 2.98 | 1.24, 7.71 | **0.018** | 1.66 | 0.88, 3.24 | 0.126 |
| **DBP (mmHg)** |  |  |  |  |  |  |
| < 90 | — | — |  | — | — |  |
| = 90 | 4.94 | 1.48, 22.50 | **0.017** | 1.14 | 0.53, 2.48 | 0.739 |
| **White-cells (×109/L)** |  |  |  |  |  |  |
| 4-10 | — | — |  | — | — |  |
| < 4 | 1.56 | 0.36, 6.13 | 0.530 | 2.75 | 1.10, 7.24 | **0.033** |
| 10 | 2.92 | 1.50, 5.85 | **0.002** | 2.42 | 1.66, 3.55 | **<0.001** |
| **Neutrophils (×109/L)** |  |  |  |  |  |  |
| <= 6.3 | — | — |  | — | — |  |
| 6.3 | 4.03 | 1.84, 9.60 | **<0.001** | 2.20 | 1.47, 3.31 | **<0.001** |
| **Lymphocytes (×109/L)** |  |  |  |  |  |  |
| = 1 | — | — |  | — | — |  |
| < 1 | 1.17 | 0.64, 2.16 | 0.613 | 2.60 | 1.80, 3.78 | **<0.001** |
| **NLR** |  |  |  |  |  |  |
| < 5.86 | — | — |  | — | — |  |
| = 5.86 | 3.02 | 1.49, 6.45 | **0.003** | 3.73 | 2.43, 5.84 | **<0.001** |
| **Platelets (×109/L)** |  |  |  |  |  |  |
| = 125 | — | — |  | — | — |  |
| < 125 | 1.13 | 0.57, 2.24 | 0.718 | 0.70 | 0.48, 1.03 | 0.071 |
| **SaO2** |  |  |  |  |  |  |
| = 90 | — | — |  | — | — |  |
| < 90 | 4.72 | 2.49, 9.19 | **<0.001** | 3.53 | 2.43, 5.16 | **<0.001** |
| **FiO2 (%)** |  |  |  |  |  |  |
| 21 (O2 therapy) | — | — |  | — | — |  |
| 21 | 1.02 | 0.51, 2.07 | 0.961 | 0.64 | 0.43, 0.94 | **0.025** |
| **PaO2:FiO2 ratio** |  |  |  |  |  |  |
| 200 | — | — |  | — | — |  |
| <= 200 | 2.46 | 1.33, 4.62 | **0.005** | 3.74 | 2.57, 5.49 | **<0.001** |
| **PaO2** |  |  |  |  |  |  |
| = 60 | — | — |  | — | — |  |
| < 60 | 4.95 | 2.29, 11.52 | **<0.001** | 3.77 | 2.45, 5.91 | **<0.001** |
| **Corticosteroids** |  |  |  |  |  |  |
| No | — | — |  | — | — |  |
| Yes | 2.13 | 1.01, 4.72 | 0.052 | 1.79 | 1.01, 3.27 | 0.051 |
| **Anticoagulants** |  |  |  |  |  |  |
| No | — | — |  | — | — |  |
| Yes | 0.92 | 0.35, 2.44 | 0.867 | 1.76 | 1.00, 3.17 | 0.054 |
| **Antimalarials** |  |  |  |  |  |  |
| No | — | — |  | — | — |  |
| Yes | 1.23 | 0.67, 2.27 | 0.500 | 0.95 | 0.66, 1.35 | 0.760 |
| **Pronation** |  |  |  |  |  |  |
| Yes | — | — |  | — | — |  |
| No | 0.92 | 0.50, 1.70 | 0.797 | 0.90 | 0.63, 1.28 | 0.556 |
| 1OR = Odds Ratio, CI = Confidence Interval | | | | | | |