

Supplementary Table 1. Symptomatic characteristics of patients infected with COVID-19 without fever

| | Patients without fever | Disease Severity | | <i>p</i> value |
|---------------------------|------------------------|------------------|----------|----------------|
| | | Non-severe | Severe | |
| Signs and symptoms, n (%) | | | | |
| N | 236 | 128 | 108 | |
| Cough | 135(57.2) | 64(50.0) | 71(65.7) | 0.01 |
| Fatigue | 42(17.8) | 20(15.6) | 22(20.4) | 0.34 |
| Chest tightness | 55(23.3) | 27(21.1) | 28(25.9) | 0.38 |
| Diarrhea | 17(7.2) | 8(3.4) | 9(3.8) | 0.54 |
| Dyspnea | 14(5.9) | 5(3.9) | 9(8.3) | 0.15 |
| Loss of appetite | 13(5.5) | 6(4.7) | 7(6.5) | 0.55 |
| Myalgia | 13(5.5) | 5(3.9) | 8(7.4) | 0.24 |
| Dizziness/headache | 4(1.7) | 1(0.8) | 3(2.8) | 0.24 |
| Pharyngalgia | 5(2.1) | 3(2.3) | 2(1.9) | 1.00 |
| Nausea | 4(1.7) | 2(1.6) | 2(1.9) | 1.00 |
| Vomiting | 3(1.3) | 2(1.6) | 1(0.9) | 1.00 |
| Runny nose | 2(0.9) | 1(0.8) | 1(0.9) | 1.00 |
| Stuffy nose | 1(0.4) | 0(0.0) | 1(0.9) | - |

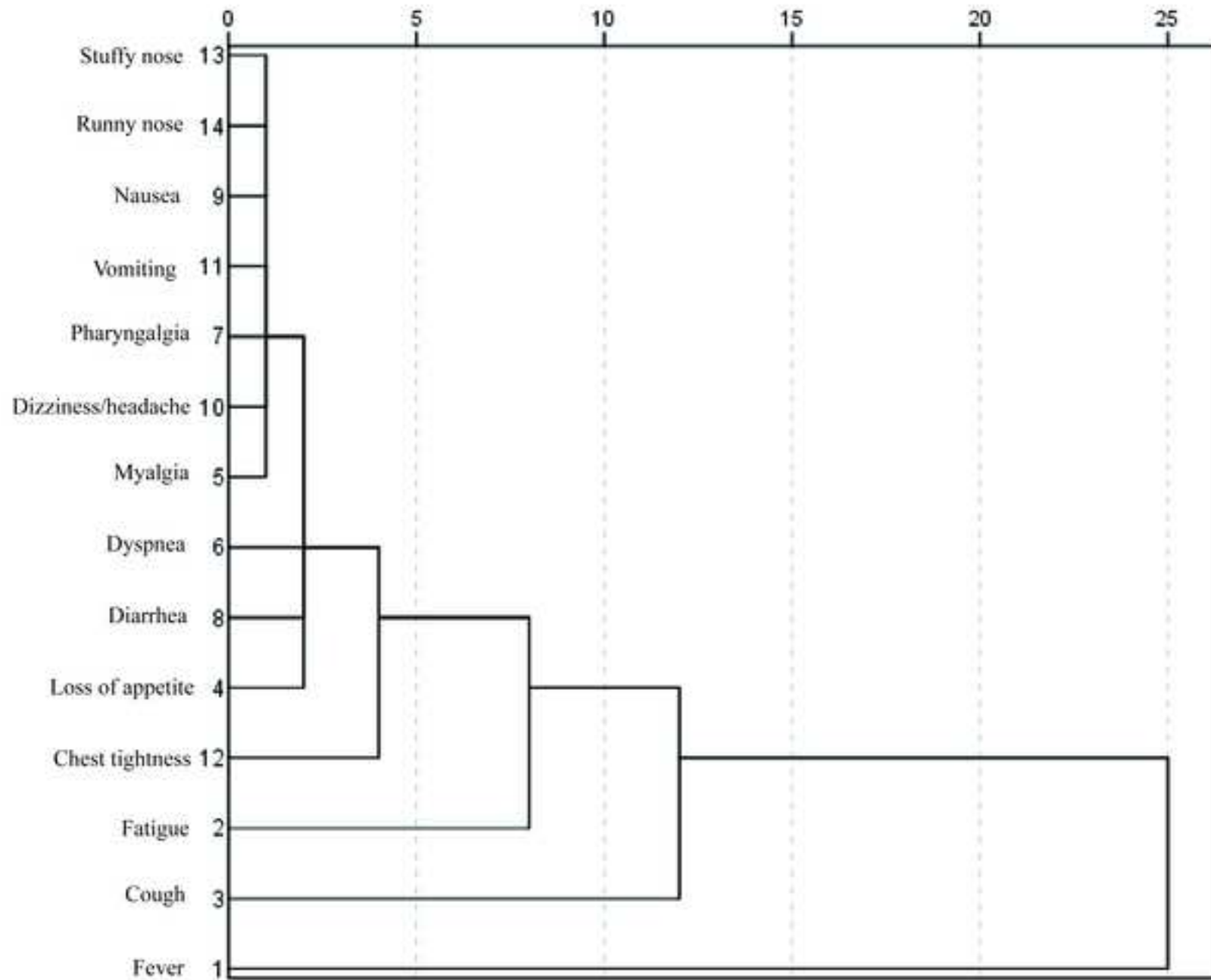
COVID-19, coronavirus disease 2019. The percentages were calculated column-wise.

Supplementary Table2. Symptomatic characteristics and laboratory findings of patients infected with COVID-19 without underlying disease

| | All patient | Disease Severity | | <i>p</i> value |
|---|--------------------|--------------------|--------------------|----------------|
| | | Non-severe | Severe | |
| Signs and symptoms, n (%) | | | | |
| N | 1014 | 532 | 482 | |
| Fever | 882(87.0) | 451(84.8) | 431(89.4) | 0.03 |
| Cough | 361(35.6) | 162(30.5) | 199(41.3) | 0.0003 |
| Fatigue | 209(20.6) | 101(19.0) | 108(22.4) | 0.18 |
| Chest tightness | 123(12.1) | 42(7.9) | 81(16.8) | <0.0001 |
| Diarrhea | 52(5.1) | 24(4.5) | 28(5.8) | 0.35 |
| Dyspnea | 52(5.1) | 22(4.1) | 30(6.2) | 0.13 |
| Loss of appetite | 37(3.7) | 14(532.0) | 23(482.0) | 0.07 |
| Myalgia | 36(3.6) | 18(3.4) | 18(3.7) | 0.76 |
| Dizziness/headache | 19(1.9) | 11(2.1) | 8(1.7) | 0.63 |
| Pharyngalgia | 16(1.6) | 9(1.7) | 7(1.5) | 0.76 |
| Nausea | 14(1.4) | 10(1.9) | 4(0.8) | 0.15 |
| Vomiting | 16(1.6) | 10(1.9) | 6(1.2) | 0.42 |
| Runny nose | 4(0.4) | 1(0.2) | 3(0.6) | 0.35 |
| Stuffy nose | 1(0.1) | 0(0.0) | 1(0.2) | - |
| Laboratory findings | | | | |
| White blood cell count, ×10 ⁹ /L | 5.4(4.3-7.0) | 5.2(4.1-6.7) | 5.7(4.5-7.4) | 0.0005 |
| Lymphocyte count, ×10 ⁹ /L | 1.1(0.8-1.5) | 1.2(0.8-1.5) | 1.1(0.8-1.5) | 0.15 |
| Lymphocyte percentage (%) | 21.4(14.3-29.2) | 22.5(15.8-30.1) | 20.8(13.0-28.3) | 0.001 |
| Monocyte count, ×10 ⁹ /L | 0.5(0.4-0.6) | 0.5(0.4-0.6) | 0.5(0.4-0.6) | 0.42 |
| Monocyte percentage (%) | 8.4(6.7-10.8) | 8.7(6.9-11.0) | 8.2(6.5-10.5) | 0.01 |
| Neutrophil count, ×10 ⁹ /L | 3.7(2.6-5.1) | 3.5(2.4-4.7) | 3.8(2.8-5.4) | 0.0001 |
| Neutrophil percentage (%) | 67.7(58.5-76.9) | 66.4(57.8-75.1) | 69.1(59.9-78.9) | 0.0007 |
| Platelet count, ×10 ⁹ /L | 227.0(166.0-302.0) | 208.0(161.0-290.0) | 245.0(175.5-323.5) | 0.0002 |
| Hemoglobin, g/L | 127.0(117.0-138.0) | 128.0(118.0-138.0) | 126.0(115.0-137.0) | 0.03 |
| Alanine aminotransferase, U/L | 22.0(14.0-36.0) | 20.0(13.0-35.0) | 24.0(15.0-37.0) | 0.03 |
| Aspartate aminotransferase, U/L | 25.0(19.0-36.0) | 25.0(18.0-35.0) | 26.0(19.0-37.0) | 0.15 |
| Albumin, g/L | 35.4(32.2-39.2) | 35.7(32.8-39.5) | 34.9(31.5-38.9) | 0.002 |
| Creatinine, umol/L | 66.0(55.0-80.0) | 66.0(55.0-81.0) | 65.0(55.0-80.0) | 0.77 |
| Urea, mmol/L | 4.1(3.2-5.3) | 3.9(3.0-5.0) | 4.3(3.4-5.5) | 0.0002 |
| Lactate dehydrogenase, U/L | 264.5(211.0-333.0) | 259.0(205.0-317.0) | 271.5(216.0-356.0) | 0.005 |
| Creatine kinase, U/L | 65.0(45.0-119.0) | 67.0(46.0-117.0) | 63.0(44.5-121.5) | 0.85 |
| C-reactive protein, mg/L | 17.9(3.9-54.0) | 16.6(3.9-48.1) | 19.4(3.9-65.6) | 0.11 |
| Prothrombin time, s | 13.8(13.2-14.4) | 13.7(13.2-14.3) | 13.9(13.3-14.5) | 0.007 |

| | | | | |
|----------------------|-----------------|-----------------|-----------------|---------|
| APTT, s | 38.7(35.5-42.6) | 38.9(35.8-42.9) | 38.4(35.3-42.2) | 0.11 |
| D-dimer, mg/L | 0.6(0.4-1.4) | 0.6(0.3-1.2) | 0.7(0.4-1.6) | 0.0007 |
| Thrombin time, s | 16.6(15.9-17.5) | 16.5(15.9-17.3) | 16.7(15.9-17.7) | 0.03 |
| Procalcitonin, ng/ml | 0.05(0.03-0.08) | 0.05(0.03-0.07) | 0.05(0.04-0.09) | <0.0001 |

Data are medians (IQR), number (%), or No./total No. (%). COVID-19, coronavirus disease 2019, APTT, activated partial thromboplastin time; IQR, inter-quartile ranges. The percentages were calculated column-wise.



Supplementary Figure1. Cluster diagram of clinical symptoms of patients with COVID-19