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Author Correction: A Machine-learning Approach to Forecast Aggravation Risk in Patients with Acute Exacerbation of Chronic Obstructive Pulmonary Disease with Clinical Indicators

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The Article contains errors in Table 4 where the reported results for the “Mild Group (low risk)” and “Severe Group (high risk)” are incorrect.

The results for the Mild Group (low risk) should read Male 178 (85.6%), Female 30 (14.4%) and Smoking history (SMK) 163 (78.4%).


The results for the Severe Group (high risk) should read Male 163 (80.7%), Female 39 (19.3%) and Smoking history (SMK) 136 (67.3%).

The correct Table 4 appears below as Table 1.

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| | | Mild group (low risk) | Severe group (high risk) |
|----------------------------------|---------|-----------------------|--------------------------|
| Number of cases | | 208 (50.7%) | 202 (49.3%) |
| Sex | Male | 178 (85.6%) | 163 (80.7%) |
| | Female | 30 (14.4%) | 39 (19.3%) |
| Smoking history (SMK) | | 163 (78.4%) | 136 (67.3%) |
| Age (year) | | 79 ± 9 | 82 ± 9 |
| Number of hospitalizations (NOH) | | 3.8 ± 2.8 | 6.3 ± 7.3 |
| Temperature (TEMP) | | 36.8 ± 0.5 | 36.7 ± 0.6 |
| Pulse rate (PULSE) | | 92.5 ± 15.6 | 98.1 ± 17.6 |
| Respiratory rate (RES) | | 21.6 ± 3.1 | 24.5 ± 6 |
| Systolic pressure (SP) | | 133.2 ± 19.3 | 132.1 ± 24.7 |
| Diastolic pressure (DP) | | 76.1 ± 12.2 | 74.5 ± 13.9 |
| Pulmonary heart disease (PHD) | With | 36 (17.3%) | 65 (32.2%) |
| | Without | 172 (82.7%) | 137 (67.8%) |
| Bronchiectasis (BRCH) | With | 14 (7%) | 8 (4%) |
| | Without | 194 (93%) | 194 (96%) |
| Hypertension (HTN) | With | 86 (41.3%) | 80 (39.6%) |
| | Without | 122 (58.7%) | 122 (60.4%) |
| Diabetes mellitus (DM) | With | 17 (8.2%) | 41 (20.3%) |
| | Without | 191 (91.8%) | 161 (79.7%) |
| Coronary heart disease (CHD) | With | 21 (10.1%) | 36 (17.8%) |
| | Without | 187 (89.9%) | 166 (82.2%) |
| Chronic kidney disease (CKD) | With | 4 (2%) | 36 (2%) |
| | Without | 204 (98%) | 166 (98%) |
| Malignant tumor (MT) | With | 16 (8%) | 20 (10%) |
| | Without | 192 (92%) | 182 (90%) |
| Cerebrovascular disease (CD) | With | 9 (4%) | 8 (4%) |
| | Without | 199 (96%) | 194 (96%) |
| Viral hepatitis (HBV) | With | 3 (1%) | 4 (2%) |
| | Without | 205 (99%) | 198 (98%) |
| Cirrhosis (CRHS) | With | 1 (0.5%) | 1 (0.5%) |
| | Without | 207 (99.5%) | 201 (99.5%) |

Table 1. A correct version of the original Table 4.

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