**Supplementary Table 3: Multivariable logistic regression model exploring the utility of STOP-Bang in predicting difficult mask ventilation**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable** | **Difficult Intubation** | **No Difficult Intubation** | **OR (95% CI)** | **Adjusted****p value** |
| BMI, kgm-2 | 26.3 (5.2) | 26.0 (8.5) |  0.98 (0.89, 1.02) | 0.554  |
| Interincisor Distance, cm | 5.6 (0.9) | 5.3 (1.0) | 1.6 (0.91, 2.09) | 0.142 |
| Crowded dentition | N (%) |
| Yes | 2 (0.23) | 27 (3.11) | 2.09 (0.32, 2.09) | 0.346 |
| No | 30 (3.45) | 810 (93.21) | Reference |  |
| STOP-Bang | N (%) |
| 0-2 | 4 (0.46) | 168 (19.33) | Reference |  |
| 3-4 | 19 (2.19) | 464 (53.40) | 1.16 (0.41, 4.18) | 0.798 |
| 5-8 | 9 (1.04) | 205 (23.59) | 0.72 (0.19, 3.08) | 0.640 |
| Mallampati | N (%) |
| 1 | 8 (0.92) | 211 (24.28) | Reference |  |
| 2 | 19 (2.18) | 448 (51.55) | 1.01 (0.44, 2.54) | 0.982 |
| 3 | 3 (0.35) | 164 (18.87) | 0.34 (0.07, 1.26) | 0.128 |
| 4 | 2 (0.23) | 14 (1.61) | 2.75 (0.37, 13.65) | 0.253 |
| Thyromental Distance, cm | 6.5 (1.2) | 6.7 (1.5) | 0.87 (0.65, 1.13) | 0.313 |
| Neck circumference, cm | 40.4 (3.2) | 38.5 (3.3) | 1.26 (1.10, 1.46) | 0.001 |

N (%) = Number (Percentage)

OSA = Obstructive Sleep Apnea

CI = Confidence Interval