**Supplementary Table 2: Crude odds ratio for difficult intubation and difficult mask ventilation**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | **Difficult**  **intubation** |  | **Difficult mask**  **ventilation** | |
| **Variable** |  | Odds Ratio  (95%CI) | p value | Odds Ratio (95%CI) | p value |
| Age |  | 0.99 (0.96,1.02) | 0.507 | 1.01 (0.97 ,1.05) | 0.621 |
| Weight |  | 1.01 (0.99,1.02) | 0.539 | 1.01 (0.99,1.03) | 0.313 |
| Height |  | 0.98(0.96,1.01) | 0.096 | 1.01 (0.98 ,1.06) | 0.508 |
| BMI |  | 1.03 (1.01,1.08) | 0.114 | 1.00 (0.95,1.03) | 0.858 |
| Waistline |  | 0.10 (0.98,1.02) | 0.789 | 1.00 (0.97,1.03) | 0.886 |
| Interincisor Distance |  | 0.77 (0.59,1.01) | 0.061 | 1.40 (0.95,2.11) | 0.097 |
| Thyromental Distance |  | 0.98 (0.81,1.18) | 0.864 | 0.89 (0.68,1.14) | 0.390 |
| Neck Circumference |  | 1.08 (1.00,1.17) | 0.059 | 1.18 (1.06,1.30) | 0.002 |
| AHI |  | 1.03 (1.02,1.05) | <0.001 | 1.02 (1.00,1.04) | 0.040 |
| Lowest SpO2 |  | 0.99 (0.97,1.02) | 0.447 | 1.00 (0.97,1.04) | 0.860 |
| Gender | Female | Reference |  | Reference |  |
| Male | 0.80 (0.44,1.40) | 0.446 | 0.94 (0.43,1.94) | 0.876 |
| STOP-Bang | 0-2 | Reference |  | Reference |  |
| 3-4 | 2.98 (1.16,10.12) | 0.042 | 1.72 (0.64,6.00) | 0.331 |
| 5-8 | 4.81 (1.80,16.70) | 0.005 | 1.84 (0.59,6.90) | 0.316 |
| Mallampati Score | 1 | Reference |  | Reference |  |
| 2 | 1.06 (0.54,2.21) | 0.873 | 1.12 (0.50,2.75) | 0.794 |
| 3 | 1.96 (0.91,4.31) | 0.087 | 0.48 (0.10,1.70) | 0.287 |
| 4 | 2.46 (0.36,10.26) | 0.267 | 3.77 (0.54,16.89) | 0.113 |
| Crowded Dentition | No | Reference |  | Reference |  |
| Yes | 2.33 (0.67,6.27) | 0.129 | 2.00 (0.31,7.11) | 0.359 |
| Severity of OSA | No OSA | Reference |  | Reference |  |
| Mild | 2.29 (1.03,5.61) | 0.051 | 0.70(0.26,1.80) | 0.461 |
| Moderate | 3.90 (1.69,9.75) | 0.002 | 1.20 (0.43,3.18) | 0.721 |
| Severe | 5.97 (2.43,15.57) | <0.001 | 2.36 (0.84,6.35) | 0.091 |

OSA = Obstructive sleep apnea

CI = Confidence intervals

SpO2 = Oxygen saturation