**Supplementary Table 1: Comparison between difficult intubation and difficult mask ventilation outcomes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Difficult intubation**  **(DI)** | | | **Difficult mask ventilation**  **(DMV)** | | |
| **Variable** | **DI** | **No DI** | **p value** | **DMV** | **No DMV** | **p value** |
| Age, years | 65.4 (8.6) | 66.2 (9.0) | 0.493 | 66.9 (8.7) | 66.1 (9.0) | 0.615 |
| Male / Female | 40/18 | 519/292 | 0.584 | 21/11 | 538/299 | 0.979 |
| BMI, kg/m2 | 29.9 (26.7) | 25.7 (5.0) | 0.242 | 26.3 (5.2) | 26.0 (8.5) | 0.778 |
| STOP-Bang |  |  |  |  |  |  |
| 0-2  3-4  5-8 | 4 | 168 | 0.007 | 4 | 168 | 0.564 |
| 32 | 451 | 19 | 464 |
| 22 | 192 | 9 | 205 |
| Severity of OSA |  |  |  |  |  |  |
| No OSA  Mild OSA  Moderate OSA  Severe OSA | 8 | 279 | <0.001 | 10 | 277 | 0.111 |
| 20 | 304 | 8 | 316 |
| 17 | 152 | 7 | 162 |
| 13 | 76 | 7 | 82 |
| Crowded Dentition |  |  |  |  |  |  |
| Yes  No | 4 | 25 | 0.234 | 2 | 27 | 0.664 |
| 54 | 786 | 30 | 810 |
| Mallampati Score |  |  |  |  |  |  |
| 1  2  3  4 | 12 | 207 | 0.153 | 8 | 211 | 0.146 |
| 27 | 440 | 19 | 448 |
| 17 | 150 | 3 | 164 |
| 2 | 14 | 2 | 14 |
| Interincisor Distance, cm | 5.1 (0.8) | 5.4 (1.0) | 0.03 | 5.6 (0.9) | 5.3 (1.0) | 0.077 |
| Thyromental Distance, cm | 6.7 (1.8) | 6.7 (1.4) | 0.887 | 6.5 (1.2) | 6.7 (1.5) | 0.322 |
| Neck circumference, cm | 39.4 (3.3) | 38.5 (3.3) | 0.059 | 40.4 (3.2) | 38.5 (3.3) | 0.003 |

OSA = Obstructive sleep apnea

Mean (Standard deviation) for continuous data, count for categorical data.