

Supplementary material Table 1: Odds ratio, confidence interval and p-values for Sensitivity analysis model 1: Airway and anesthetic characteristics

|                          | Odds ratio (95% Confidence Interval) | p-value |
|--------------------------|--------------------------------------|---------|
| Pierre-Robin sequence    | 0.6 (0.2-1.5)                        | 0.28    |
| High arched palate       | 1.4 (0.2-5.8)                        | 0.67    |
| Previous Cleft repair    | 3.4 (1.5-7.6)                        | 0.003   |
| Mouth opening >3 Fingers | 1.3 (0.2-28.2)                       | 0.81    |
| Receding Jaw             | 3.2 (1.1-8.5)                        | 0.02    |
| Obstructive Sleep Apnoea | 1.4 (0.1-9.3)                        | 0.77    |

Supplementary material Table 2: Odds ratio, confidence interval and p-values for Sensitivity analysis model 2: Specialty

|                       | Odds ratio (95% Confidence Interval) | p-value |
|-----------------------|--------------------------------------|---------|
| Previous Cleft repair | 2.9 (1.4-6.3)                        | 0.007   |
| Receding Jaw          | 3.0 (1.1-7.8)                        | 0.03    |
| Ophthalmic surgery    | 0.4 (0.1-1.7)                        | 0.15    |