Supplemental Table 1. Sensitivity Analyses: Definition of Reoperation Was Confined to 2–14 Days After the Index Tonsillectomy

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | OR*a* | P | Risk Difference (%) | Risk Difference (%) (AIPW) | Risk Difference (%) (IPWRA) |
|  | (95% CI) |  | (95% CI) | (95% CI) | (95% CI) |
| Patients categorized into two groups*b* | | | |  |  |
| All patients |  |  |  |  |  |
| On day of tonsillectomy | 0.72 (0.39, 1.33 ) | 0.30 | -0.41 (-1.12, 0.29) | -0.35 (-1.13, 0.43) | -0.38 (-1.12, 0.37) |
| Adults |  |  |  |  |  |
| On day of tonsillectomy | 0.62 (0.31, 1.25 ) | 0.18 | -0.86 (-1.96, 0.24) | -0.85 (-1.97, 0.28) | -0.81 (-1.94, 0.31) |
| Children |  |  |  |  |  |
| On day of tonsillectomy | 1.24 (0.35, 4.35) | 0.74 | 0.17 (-0.89, 1.22) | 0.15 (-0.84, 1.14) | 0.12 (-0.84, 1.07) |
| Patients categorized into three groups*c* | | | |  |  |
| All patients |  |  |  |  |  |
| On day of tonsillectomy | 0.69 (0.37, 1.29) | 0.25 | -0.48 (-1.22, 0.26) | -0.43 (-1.23, 0.38) | -0.46 (-1.23, 0.32) |
| Only postoperatively | 0.85 (0.50, 1.44) | 0.55 | -0.23 (-0.96, 0.50) | -0.26 (-0.99, 0.46) | -0.26 (-0.99, 0.48) |
| Adults |  |  |  |  |  |
| On day of tonsillectomy | 0.60 (0.30, 1.23) | 0.17 | -0.93 (-2.10, 0.24) | -0.97 (-2.17, 0.23) | -0.94 (-2.14, 0.26) |
| Only postoperatively | 0.90 (0.49, 1.63) | 0.72 | -0.24 (-1.54, 1.05) | -0.23 (-1.54, 1.07) | -0.24 (-1.55, 1.07) |
| Children |  |  |  |  |  |
| On day of tonsillectomy | 1.14 (0.32, 4.09) | 0.85 | 0.10 (-0.98, 1.18) | 0.15 (-0.88, 1.17) | 0.11 (-0.87, 1.10) |
| Only postoperatively | 0.71 (0.23, 2.16) | 0.55 | -0.22 (-0.88, 0.44) | -0.24 (-0.85, 0.37) | -0.20 (-0.84, 0.43) |

Definition of reoperation was confined to that which occurred 2–14 days after the index tonsillectomy.

*a*Adjusted by multivariable logistic regression.

*b*Patients were categorized into two groups: those who were administered steroid on the day of tonsillectomy and those who were not administered steroid on the day of tonsillectomy (reference group). Both groups include patients who may have received steroids on postoperative days 1–14.

*c*Patients were categorized into three groups: those who were administered steroid on the day of tonsillectomy, those who were administered steroid only postoperatively, and those who were never administered steroid perioperatively (reference group).

Abbreviations: OR, odds ratio; AIPW, augmented inverse probability weighting; IPWRA, inverse probability weighting with regression adjustment.