**S2 Table.** Equivalence tests for upper respiratory infections in the postoperative period in patients aged 5-9 years

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| --- | --- | --- | --- | --- |
| **Variable** | **Comparison** **(mean ± SD)** | **Adenotonsillectomy (mean ± SD)** | **95% CI of the difference (0.5)** | **P value** |
| Pre-op visit | 5.3 ± 5.4 | 5.3 ± 5.3 | -0.49 to 0.41  | 0.863  |
| Post-op 1 y visit | 2.7 ± 2.4 | 3.0 ± 2.5 | 0.09 to 0.51  | 0.004  |
| Post-op 2 y visit | 2.3 ± 2.2 | 2.6 ± 2.3 | 0.14 to 0.53  | 0.001  |
| Post-op 3 y visit | 1.9 ± 2.0 | 2.2 ± 2.3 | 0.10 to 0.47  | 0.003  |
| Post-op 4 y visit | 1.7 ± 2.0 | 2.0 ± 2.2 | 0.08 to 0.45  | 0.005  |
| Post-op 5 y visit | 1.7 ± 2.0 | 2.1 ± 2.3 | 0.24 to 0.62  | 0.000  |
| Post-op 6 y visit | 1.6 ± 2.0 | 1.9 ± 2.1 | 0.09 to 0.44  | 0.003  |
| Post-op 7 y visit | 1.4 ± 1.8 | 1.8 ± 2.0 | 0.21 to 0.54  | 0.000  |
| Post-op 8 y visit | 1.3 ± 1.7 | 1.6 ± 1.9 | 0.13 to 0.44  | 0.000  |
| Post-op 9 y visit | 1.2 ± 1.7 | 1.4 ± 1.9 | 0.02 to 0.33  | 0.024  |
| Post-op 10 y visit | 0.7 ± 1.3 | 0.9 ± 1.6 | 0.06 to 0.32  | 0.004  |
| Post-op 11 y visit | 0.3 ± 0.9 | 0.4 ± 1.2 | 0.01 to 0.20  | 0.027  |

Op: operation, SD: Standard deviation, Difference: adenotonsillectomy group - comparison group, CI: Confidence interval