**Supplementary Table 1.** Frequency of right and left AMO according to the presence of each right and left sinus pathology and each nasal variation.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | AMO Presence | |  |
|  |  |  | Absent | Present | *p* |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Uniform mucosal thickening | Right | Absent | 348 | 126 | 0.355 |
|  |  | Present | 47 | 22 |  |
|  | Left | Absent | 355 | 121 | 0.993 |
|  |  | Present | 50 | 17 |  |
| Polypoid-type mucosal thickening mucosal thickening | Right | Absent | 359 | 128 | 0.133 |
|  |  | Present | 36 | 20 |  |
|  | Left | Absent | 366 | 125 | 0.942 |
|  |  | Present | 39 | 13 |  |
| Irregular-type mucosal thickening | Right | Absent | 337 | 130 | 0.451 |
|  |  | Present | 58 | 18 |  |
|  | Left | Absent | 350 | 112 | 0.134 |
|  |  | Present | 55 | 26 |  |
| Circumferential mucosal thickening | Right | Absent | 383 | 146 | 0.269 |
|  |  | Present | 12 | 2 |  |
|  | Left | Absent | 397 | 136 | 0.691 |
|  |  | Present | 8 | 2 |  |
| Total opacification | Right | Absent | 390 | 147 | 0.558 |
|  |  | Present | 265 | 104 |  |
|  | Left | Absent | 402 | 137 | 0.985 |
|  |  | Present | 3 | 1 |  |
| Mucus Retention Cyst | Right | Absent | 381 | 142 | 0.779 |
|  |  | Present | 14 | 6 |  |
|  | Left | Absent | 398 | 130 | **0.012**\* |
|  |  | Present | 7 | 8 |  |
| Air-fluid leveling | Right | Absent | 395 | 148 | --- |
|  |  | Present | - | - |  |
|  | Left | Absent | 405 | 137 | 0.086 |
|  |  | Present | - | 1 |  |
| Haller cells | Right | Absent | 328 | 112 | 0.051 |
|  |  | Present | 67 | 36 |  |
|  | Left | Absent | 336 | 114 | 0.924 |
|  |  | Present | 69 | 24 |  |
| Concha Bullosa | Right | Absent | 241 | 96 | 0.410 |
|  |  | Present | 154 | 52 |  |
|  | Left | Absent | 241 | 89 | 0.300 |
|  |  | Present | 164 | 49 |  |
| Paradox Concha | Right | Absent | 388 | 144 | 0.493 |
|  |  | Present | 7 | 4 |  |
|  | Left | Absent | 396 | 136 | 0.578 |
|  |  | Present | 9 | 2 |  |
| Uncinate process deviation, | Right | Absent | 395 | 148 | ---- |
|  |  | Present | - | - |  |
|  | Left | Absent | 405 | 138 | --- |
|  |  | Present | - | - |  |
| Inferior nasal concha hypertrophy | Right | Absent | 290 | 113 | 0.487 |
|  |  | Present | 105 | 35 |  |
|  | Left | Absent | 307 | 113 | 0.140 |
|  |  | Present | 98 | 25 |  |
| Uncinate process pneumatization | Right | Absent | 392 | 146 | 0.520 |
|  |  | Present | 3 | 2 |  |
|  | Left | Absent | 399 | 137 | 0.496 |
|  |  | Present | 6 | 1 |  |

\*: Pearson chi-square test

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | |  |  |  |  |  |  |  | | --- | --- | --- | | Uniform mucosal thickening | Right | Absent | |  | Present | | Left | Absent | |  | Present |  |  |  |  | | --- | --- | --- | | Uniform mucosal thickening | Right | Absent | |  | Present | | Left | Absent | |  | Present |  |  |  |  | | --- | --- | --- | | Uniform mucosal thickening | Right | Absent | |  | Present | | Left | Absent | |  | Present | |  |  |