**Supplementary Material.** Statistical results.

|  |  |  |  |
| --- | --- | --- | --- |
|  | | Count | Column N % |
| Gender | Male | 249 | 45.9% |
| Female | 294 | 54.1% |
| Age groups | 18–24 | 83 | 15.3% |
| 25–34 | 73 | 13.4% |
| 35–44 | 107 | 19.7% |
| 45–54 | 148 | 27.3% |
| ≥ 55 | 132 | 24.3% |
| Right AMO | 0 | 395 | 72.7% |
| 1 | 148 | 27.3% |
| Left AMO | 0 | 405 | 74.6% |
| 1 | 138 | 25.4% |
| Right AMO localization | 0 | 395 | 72.7% |
| 1 | 33 | 6.1% |
| 2 | 115 | 21.2% |
| Left AMO localization | 0 | 405 | 74.6% |
| 1 | 43 | 7.9% |
| 2 | 95 | 17.5% |
| Right posterior dentition | 0 | 252 | 46.4% |
| 1 | 143 | 26.3% |
| 2 | 148 | 27.3% |
| Left posterior dentition | 0 | 252 | 46.4% |
| 1 | 152 | 28.0% |
| 2 | 139 | 25.6% |
| Nasal septum deviation | 0 | 231 | 42.5% |
| 1 | 159 | 29.3% |
| 2 | 153 | 28.2% |
| Right sinüs pathology present\_absent | 0 | 174 | 32.0% |
| 1 | 369 | 68.0% |
| Right sinüs pathology | 0 | 174 | 32.0% |
| 1 | 39 | 7.2% |
| 2 | 32 | 5.9% |
| 3 | 38 | 7.0% |
| 4 | 8 | 1.5% |
| 5 | 6 | 1.1% |
| 6 | 13 | 2.4% |
| 18 | 30 | 5.5% |
| 28 | 24 | 4.4% |
| 38 | 38 | 7.0% |
| 48 | 6 | 1.1% |
| 68 | 7 | 1.3% |
| 78 | 3 | 0.6% |
| Uniformmucosalthickening\_right | 0 | 474 | 87.3% |
| 1 | 69 | 12.7% |
| Polipoidmucosalthickening\_right | 0 | 487 | 89.7% |
| 1 | 56 | 10.3% |
| Irregularmucosalthickening\_right | 0 | 467 | 86.0% |
| 1 | 76 | 14.0% |
| Circumferentialmucosalthickening\_right | 0 | 529 | 97.4% |
| 1 | 14 | 2.6% |
| Totalopacification\_right | 0 | 537 | 98.9% |
| 1 | 6 | 1.1% |
| MucusRetentionCyst\_right | 0 | 523 | 96.3% |
| 1 | 20 | 3.7% |
| Air fluid leveling\_ right | 0 | 543 | 100.0% |
| Left sinus pathology present\_absent | 0 | 191 | 35.2% |
| 1 | 352 | 64.8% |
| Left sinus pathology | 0 | 191 | 35.2% |
| 1 | 43 | 7.9% |
| 2 | 26 | 4.8% |
| 3 | 44 | 8.1% |
| 4 | 8 | 1.5% |
| 5 | 2 | 0.4% |
| 6 | 12 | 2.2% |
| 7 | 1 | 0.2% |
| 8 | 122 | 22.5% |
| 18 | 24 | 4.4% |
| 28 | 26 | 4.8% |
| 38 | 37 | 6.8% |
| 48 | 2 | 0.4% |
| 58 | 2 | 0.4% |
| 68 | 3 | 0.6% |
| Uniformmucosalthickening\_left | 0 | 476 | 87.7% |
| 1 | 67 | 12.3% |
| Polipoidmucosalthickening\_left | 0 | 491 | 90.4% |
| 1 | 52 | 9.6% |
| Irregularmucosalthickening\_left | 0 | 462 | 85.1% |
| 1 | 81 | 14.9% |
| Circumferentialmucosalthickening\_left | 0 | 533 | 98.2% |
| 1 | 10 | 1.8% |
| Totalopacification\_left | 0 | 539 | 99.3% |
| 1 | 4 | 0.7% |
| MucusRetentionCyst\_left | 0 | 528 | 97.2% |
| 1 | 15 | 2.8% |
| Air fluid leveling\_left | 0 | 542 | 99.8% |
| 1 | 1 | 0.2% |
| Right nasal variation present\_absent | 0 | 192 | 35.4% |
| 1 | 351 | 64.6% |
| Right nasal variation | 0 | 192 | 35.4% |
| 1 | 40 | 7.4% |
| 2 | 122 | 22.5% |
| 3 | 6 | 1.1% |
| 5 | 82 | 15.1% |
| 12 | 35 | 6.4% |
| 13 | 3 | 0.6% |
| 15 | 11 | 2.0% |
| 16 | 1 | 0.2% |
| 23 | 1 | 0.2% |
| 25 | 34 | 6.3% |
| 26 | 1 | 0.2% |
| 56 | 2 | 0.4% |
| 123 | 1 | 0.2% |
| 125 | 10 | 1.8% |
| 126 | 1 | 0.2% |
| 1235 | 1 | 0.2% |
| HallerCells\_right | 0 | 440 | 81.0% |
| 1 | 103 | 19.0% |
| Concha Bullosa\_right | 0 | 337 | 62.1% |
| 1 | 206 | 37.9% |
| Paradox Concha\_right | 0 | 532 | 98.0% |
| 1 | 11 | 2.0% |
| Uncinate processdeviation\_right | 0 | 543 | 100.0% |
| Inferiornasalconchahypertrophy\_right | 0 | 403 | 74.2% |
| 1 | 140 | 25.8% |
| Uncinateprocesspneumatization\_right | 0 | 538 | 99.1% |
| 1 | 5 | 0.9% |
| Left nasal variation present\_absent | 0 | 230 | 42.4% |
| 1 | 313 | 57.6% |
| Left nasal variation | 0 | 230 | 42.4% |
| 1 | 24 | 4.4% |
| 2 | 117 | 21.6% |
| 3 | 3 | 0.6% |
| 5 | 52 | 9.6% |
| 6 | 2 | 0.4% |
| 12 | 37 | 6.8% |
| 13 | 1 | 0.2% |
| 15 | 12 | 2.2% |
| 16 | 1 | 0.2% |
| 25 | 39 | 7.2% |
| 35 | 4 | 0.7% |
| 123 | 1 | 0.2% |
| 125 | 13 | 2.4% |
| 126 | 3 | 0.6% |
| 235 | 2 | 0.4% |
| 1256 | 1 | 0.2% |
| HallerCells\_left | 0 | 450 | 82.9% |
| 1 | 93 | 17.1% |
| Concha Bullosa\_left | 0 | 330 | 60.8% |
| 1 | 213 | 39.2% |
| Paradox Concha\_left | 0 | 532 | 98.0% |
| 1 | 11 | 2.0% |
| Uncinateprocessdeviation\_left | 0 | 543 | 100.0% |
| Inferiornasalconchahypertrophy\_left | 0 | 420 | 77.3% |
| 1 | 123 | 22.7% |
| Uncinateprocesspneumatization\_left | 0 | 536 | 98.7% |
| 1 | 7 | 1.3% |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Descriptives** | | | | |
|  | | | Statistic | Std. Error |
| age | Mean | | 43.44 | 0.620 |
| 95% Confidence Interval for Mean | Lower Bound | 42.22 |  |
| Upper Bound | 44.66 |  |
| 5% Trimmed Mean | | 43.33 |  |
| Median | | 45.00 |  |
| Variance | | 208.723 |  |
| Std. Deviation | | 14.447 |  |
| Minimum | | 15 |  |
| Maximum | | 78 |  |
| Range | | 63 |  |
| Interquartile Range | | 22 |  |
| Skewness | | –0.078 | 0.105 |
| Kurtosis | | –0.790 | 0.209 |
| Right AMO diameter | Mean | | 1.0083 | 0.07854 |
| 95% Confidence Interval for Mean | Lower Bound | 0.8540 |  |
| Upper Bound | 1.1626 |  |
| 5% Trimmed Mean | | 0.7866 |  |
| Median | | 0.0000 |  |
| Variance | | 3.349 |  |
| Std. Deviation | | 1.83008 |  |
| Minimum | | 0.00 |  |
| Maximum | | 10.00 |  |
| Range | | 10.00 |  |
| Interquartile Range | | 2.00 |  |
| Skewness | | 1.750 | 0.105 |
| Kurtosis | | 2.442 | 0.209 |
| Left AMO diameter | Mean | | 0.9589 | 0.07713 |
| 95% Confidence Interval for Mean | Lower Bound | 0.8074 |  |
| Upper Bound | 1.1104 |  |
| 5% Trimmed Mean | | 0.7328 |  |
| Median | | 0.0000 |  |
| Variance | | 3.230 |  |
| Std. Deviation | | 1.79732 |  |
| Minimum | | 0.00 |  |
| Maximum | | 9.00 |  |
| Range | | 9.00 |  |
| Interquartile Range | | 1.50 |  |
| Skewness | | 1.744 | 0.105 |
| Kurtosis | | 2.095 | 0.209 |

**Right sinus pathology present\_absent \* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| Right sinus pathology present/absent | 0 | Count | 55 | 119 | 174 |
| % within gender | 22.1% | 40.5% | 32.0% |
| 1 | Count | 194 | 175 | 369 |
| % within gender | 77.9% | 59.5% | 68.0% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 20.933a | 1 | 0.000 |  |  |
| Continuity Correctionb | 20.097 | 1 | 0.000 |  |  |
| Likelihood Ratio | 21.347 | 1 | 0.000 |  |  |
| Fisher's Exact Test |  |  |  | 0.000 | 0.000 |
| Linear-by-Linear Association | 20.894 | 1 | 0.000 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 79.79. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**Uniformmucosalthickening\_right \* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| Uniformmucosalthickness\_right | 0 | Count | 214 | 260 | 474 |
| % within gender | 85.9% | 88.4% | 87,3% |
| 1 | Count | 35 | 34 | 69 |
| % within gender | 14.1% | 11.6% | 12,7% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100,0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 0.755a | 1 | 0.385 |  |  |
| Continuity Correctionb | 0.547 | 1 | 0.460 |  |  |
| Likelihood Ratio | 0.752 | 1 | 0.386 |  |  |
| Fisher's Exact Test |  |  |  | 0.438 | 0.230 |
| Linear-by-Linear Association | 0.753 | 1 | 0.385 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 31.64. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**Polipoidmucosalthickening\_right\* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| Polipoidmucosalthickness\_right | 0 | Count | 215 | 272 | 487 |
| % within gender | 86.3% | 92.5% | 89.7% |
| 1 | Count | 34 | 22 | 56 |
| % within gender | 13.7% | 7.5% | 10.3% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 5.552a | 1 | 0.018 |  |  |
| Continuity Correctionb | 4.905 | 1 | 0.027 |  |  |
| Likelihood Ratio | 5.545 | 1 | 0.019 |  |  |
| Fisher's Exact Test |  |  |  | 0.023 | 0.013 |
| Linear-by-Linear Association | 5.542 | 1 | 0.019 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 25.68. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**Irregularmucosalthickening\_right \* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Cinsiyet | | Total |
| Erkek | Kadın |
| Irregularmucosalthickness\_sağ | 0 | Count | 210 | 257 | 467 |
| % within gender | 84.3% | 87.4% | 86.0% |
| 1 | Count | 39 | 37 | 76 |
| % within gender | 15.7% | 12.6% | 14.0% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 1.061a | 1 | 0.303 |  |  |
| Continuity Correctionb | .821 | 1 | 0.365 |  |  |
| Likelihood Ratio | 1.057 | 1 | 0.304 |  |  |
| Fisher's Exact Test |  |  |  | 0.322 | 0.182 |
| Linear-by-Linear Association | 1.059 | 1 | 0.303 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 34.85. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**Circumferentialmucosalthickening\_right \* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| Circumferentialmucosalthickening\_right | 0 | Count | 241 | 288 | 529 |
| % within gender | 96.8% | 98.0% | 97.4% |
| 1 | Count | 8 | 6 | 14 |
| % within gender | 3.2% | 2.0% | 2.6% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 0.737a | 1 | 0.391 |  |  |
| Continuity Correctionb | 0.345 | 1 | 0.557 |  |  |
| Likelihood Ratio | 0.734 | 1 | 0.391 |  |  |
| Fisher's Exact Test |  |  |  | 0.426 | 0.278 |
| Linear-by-Linear Association | 0.736 | 1 | 0.391 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 6.42. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**Totalopacification\_right\* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| Total opacification\_right | 0 | Count | 246 | 291 | 537 |
| % within gender | 98.8% | 99.0% | 98.9% |
| 1 | Count | 3 | 3 | 6 |
| % within gender | 1.2% | 1.0% | 1.1% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 0.042a | 1 | 0.838 |  |  |
| Continuity Correctionb | 0.000 | 1 | 1.000 |  |  |
| Likelihood Ratio | 0.042 | 1 | 0.838 |  |  |
| Fisher's Exact Test |  |  |  | 1.000 | 0.576 |
| Linear-by-Linear Association | 0.042 | 1 | 0.838 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a2 cells (50.0%) have expected count less than 5. The minimum expected count is 2.75. | | | | | |
| bComputed only for a 2 × 2 table | | | | | |

**MucusRetentionCyst\_right\* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| MucusRetentionCyst\_right | 0 | Count | 234 | 289 | 523 |
| % within cinsiyet | 94.0% | 98.3% | 96.3% |
| 1 | Count | 15 | 5 | 20 |
| % within cinsiyet | 6.0% | 1.7% | 3.7% |
| Total | | Count | 249 | 294 | 543 |
| % within cinsiyet | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 7.103a | 1 | 0.008 |  |  |
| Continuity Correctionb | 5.937 | 1 | 0.015 |  |  |
| Likelihood Ratio | 7.294 | 1 | 0.007 |  |  |
| Fisher's Exact Test |  |  |  | 0.010 | 0.007 |
| Linear-by-Linear Association | 7.090 | 1 | 0.008 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 9.17. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**Air fluid leveling\_right \* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| Air fluid leveling\_right | 0 | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |
| --- | --- |
| **Chi-Square Tests** | |
|  | Value |
| Pearson Chi-Square | .a |
| N of Valid Cases | 543 |
| aNo statistics are computed because airfluidleveling\_right is a constant. | |

**Right nasal variation present\_absent \* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| Right nasal variation present\_absent | 0 | Count | 98 | 94 | 192 |
| % within gender | 39.4% | 32.0% | 35.4% |
| 1 | Count | 151 | 200 | 351 |
| % within gender | 60.6% | 68.0% | 64.6% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 3.217a | 1 | 0.073 |  |  |
| Continuity Correctionb | 2.902 | 1 | 0.088 |  |  |
| Likelihood Ratio | 3.213 | 1 | 0.073 |  |  |
| Fisher's Exact Test |  |  |  | 0.087 | 0.044 |
| Linear-by-Linear Association | 3.211 | 1 | 0.073 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 88.04. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 32.614a | 16 | 0.008 |
| Likelihood Ratio | 36.356 | 16 | 0.003 |
| Linear-by-Linear Association | 0.122 | 1 | 0.727 |
| N of Valid Cases | 543 |  |  |
| a19 cells (55.9%) have expected count less than 5. The minimum expected count is 0.46. | | | |

**HallerCells\_right \* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| Haller Cells\_right | 0 | Count | 219 | 221 | 440 |
| % within gender | 88.0% | 75.2% | 81.0% |
| 1 | Count | 30 | 73 | 103 |
| % within gender | 12.0% | 24.8% | 19.0% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 14.330a | 1 | 0.000 |  |  |
| Continuity Correctionb | 13.510 | 1 | 0.000 |  |  |
| Likelihood Ratio | 14.789 | 1 | 0.000 |  |  |
| Fisher's Exact Test |  |  |  | 0.000 | 0.000 |
| Linear-by-Linear Association | 14.303 | 1 | 0.000 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 47.23. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**Concha Bullosa\_right \* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| ConchaBullosa\_right | 0 | Count | 169 | 168 | 337 |
| % within gender | 67.9% | 57.1% | 62.1% |
| 1 | Count | 80 | 126 | 206 |
| % within gender | 32.1% | 42.9% | 37.9% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 6.591a | 1 | 0.010 |  |  |
| Continuity Correctionb | 6.143 | 1 | 0.013 |  |  |
| Likelihood Ratio | 6.628 | 1 | 0.010 |  |  |
| Fisher's Exact Test |  |  |  | 0.013 | 0.006 |
| Linear-by-Linear Association | 6.579 | 1 | 0.010 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 94.46. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**ParadoxConcha\_right \* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| Paradox Concha\_right | 0 | Count | 243 | 289 | 532 |
| % within gender | 97.6% | 98.3% | 98.0% |
| 1 | Count | 6 | 5 | 11 |
| % within gender | 2.4% | 1.7% | 2.0% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 0.341a | 1 | 0.559 |  |  |
| Continuity Correctionb | 0.078 | 1 | 0.781 |  |  |
| Likelihood Ratio | 0.340 | 1 | 0.560 |  |  |
| Fisher's Exact Test |  |  |  | 0.762 | 0.388 |
| Linear-by-Linear Association | 0.341 | 1 | 0.559 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 5.04. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**Uncinateprocessdeviation\_right \* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| Uncinateprocessdeviation\_right | 0 | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |
| --- | --- |
| **Chi-Square Tests** | |
|  | Value |
| Pearson Chi-Square | .a |
| N of Valid Cases | 543 |
| aNo statistics are computed because uncinateprocessdeviation\_right is a constant. | |

**Inferiornasalconchahypertrophy\_right \* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| İnferiornasalconchahypertrophy\_right | 0 | Count | 176 | 227 | 403 |
| % within gender | 70.7% | 77.2% | 74.2% |
| 1 | Count | 73 | 67 | 140 |
| % within gender | 29.3% | 22.8% | 25.8% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 3.003a | 1 | 0.083 |  |  |
| Continuity Correctionb | 2.671 | 1 | 0.102 |  |  |
| Likelihood Ratio | 2.995 | 1 | 0.084 |  |  |
| Fisher's Exact Test |  |  |  | 0.094 | 0.051 |
| Linear-by-Linear Association | 2.997 | 1 | 0.083 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 64.20. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**Uncinateprocesspneumatization\_right\* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| Uncinateprocesspneumatization\_right | 0 | Count | 249 | 289 | 538 |
| % within gender | 100.0% | 98.3% | 99.1% |
| 1 | Count | 0 | 5 | 5 |
| % within gender | 0.0% | 1.7% | 0.9% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 4.274a | 1 | .039 |  |  |
| Continuity Correctionb | 2.613 | 1 | .106 |  |  |
| Likelihood Ratio | 6.175 | 1 | .013 |  |  |
| Fisher's Exact Test |  |  |  | .066 | .046 |
| Linear-by-Linear Association | 4.266 | 1 | .039 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a2 cells (50.0%) have expected count less than 5. The minimum expected count is 2.29. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**Left sinus pathology present\_absent \* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| Leftsinuspathology  present\_absent | 0 | Count | 75 | 116 | 191 |
| % within gender | 30.1% | 39.5% | 35.2% |
| 1 | Count | 174 | 178 | 352 |
| % within gender | 69.9% | 60.5% | 64.8% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 5.153a | 1 | 0.023 |  |  |
| Continuity Correctionb | 4.751 | 1 | 0.029 |  |  |
| Likelihood Ratio | 5.182 | 1 | 0.023 |  |  |
| Fisher's Exact Test |  |  |  | 0.024 | 0.014 |
| Linear-by-Linear Association | 5.143 | 1 | 0.023 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 87.59. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**Uniformmucosalthickening\_left \* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| Uniformmucosalthickening\_left | 0 | Count | 216 | 260 | 476 |
| % within gender | 86.7% | 88.4% | 87.7% |
| 1 | Count | 33 | 34 | 67 |
| % within gender | 13.3% | 11.6% | 12.3% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 0.355a | 1 | 0.551 |  |  |
| Continuity Correctionb | 0.216 | 1 | 0.642 |  |  |
| Likelihood Ratio | 0.354 | 1 | 0.552 |  |  |
| Fisher's Exact Test |  |  |  | 0.601 | 0.320 |
| Linear-by-Linear Association | 0.355 | 1 | 0.551 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 30.72. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**Polipoidmucosalthickening\_left \* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| Polipoidmucosalthickening\_left | 0 | Count | 223 | 268 | 491 |
| % within gender | 89.6% | 91.2% | 90.4% |
| 1 | Count | 26 | 26 | 52 |
| % within gender | 10.4% | 8.8% | 9.6% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 0.398a | 1 | 0.528 |  |  |
| Continuity Correctionb | 0.235 | 1 | 0.628 |  |  |
| Likelihood Ratio | 0.396 | 1 | 0.529 |  |  |
| Fisher's Exact Test |  |  |  | 0.560 | 0.313 |
| Linear-by-Linear Association | 0.397 | 1 | 0.529 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 23.85. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**Irregularmucosalthickening\_left \* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| İrregularmucosalthickening\_left | 0 | Count | 203 | 259 | 462 |
| % within gender | 81.5% | 88.1% | 85.1% |
| 1 | Count | 46 | 35 | 81 |
| % within gender | 18.5% | 11.9% | 14.9% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 4.584a | 1 | 0.032 |  |  |
| Continuity Correctionb | 4.081 | 1 | 0.043 |  |  |
| Likelihood Ratio | 4.569 | 1 | 0.033 |  |  |
| Fisher's Exact Test |  |  |  | 0.040 | 0.022 |
| Linear-by-Linear Association | 4.575 | 1 | 0.032 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 37.14. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**Sirkumferansiyalmukozalkalınlaşma\_sol \* cinsiyet**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| Cicumferentialmucosalthickening\_left | 0 | Count | 244 | 289 | 533 |
| % within gender | 98.0% | 98.3% | 98.2% |
| 1 | Count | 5 | 5 | 10 |
| % within gender | 2.0% | 1.7% | 1.8% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 0.070a | 1 | 0.791 |  |  |
| Continuity Correctionb | 0.000 | 1 | 1.000 |  |  |
| Likelihood Ratio | 0.070 | 1 | 0.791 |  |  |
| Fisher's Exact Test |  |  |  | 1.000 | 0.518 |
| Linear-by-Linear Association | 0.070 | 1 | 0.791 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a1 cells (25.0%) have expected count less than 5. The minimum expected count is 4.59. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**Totalopacification\_left \* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| Totalopacification\_left | 0 | Count | 248 | 291 | 539 |
| % within gender | 99.6% | 99.0% | 99.3% |
| 1 | Count | 1 | 3 | 4 |
| % within gender | 0.4% | 1.0% | 0.7% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 0.706a | 1 | 0.401 |  |  |
| Continuity Correctionb | 0.113 | 1 | 0.736 |  |  |
| Likelihood Ratio | 0.747 | 1 | 0.387 |  |  |
| Fisher's Exact Test |  |  |  | 0.629 | 0.377 |
| Linear-by-Linear Association | 0.705 | 1 | 0.401 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a2 cells (50.0%) have expected count less than 5. The minimum expected count is 1.83. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**MucusRetentionCyst\_left \* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| MucusRetentionCyst\_left | 0 | Count | 243 | 285 | 528 |
| % within gender | 97.6% | 96.9% | 97.2% |
| 1 | Count | 6 | 9 | 15 |
| % within gender | 2.4% | 3.1% | 2.8% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 0.213a | 1 | 0.644 |  |  |
| Continuity Correctionb | 0.040 | 1 | 0.842 |  |  |
| Likelihood Ratio | 0.215 | 1 | 0.643 |  |  |
| Fisher's Exact Test |  |  |  | 0.795 | 0.424 |
| Linear-by-Linear Association | .213 | 1 | 0.645 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 6.88. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**Air fluid leveling\_left \* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| Air fluid leveling\_left | 0 | Count | 249 | 293 | 542 |
| % within gender | 100.0% | 99.7% | 99.8% |
| 1 | Count | 0 | 1 | 1 |
| % within gender | 0.0% | 0.3% | 0.2% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 0.849a | 1 | 0.357 |  |  |
| Continuity Correctionb | 0.000 | 1 | 1.000 |  |  |
| Likelihood Ratio | 1.229 | 1 | 0.268 |  |  |
| Fisher's Exact Test |  |  |  | 1.000 | 0.541 |
| Linear-by-Linear Association | 0.847 | 1 | 0.357 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a2 cells (50.0%) have expected count less than 5. The minimum expected count is 0.46. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**Leftnasalvariationpresent\_absent \* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| Left nasal variation present\_absent | 0 | Count | 124 | 106 | 230 |
| % within gender | 49.8% | 36.1% | 42.4% |
| 1 | Count | 125 | 188 | 313 |
| % within gender | 50.2% | 63.9% | 57.6% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 10.432a | 1 | 0.001 |  |  |
| Continuity Correctionb | 9.876 | 1 | 0.002 |  |  |
| Likelihood Ratio | 10.444 | 1 | 0.001 |  |  |
| Fisher's Exact Test |  |  |  | 0.001 | 0.001 |
| Linear-by-Linear Association | 10.412 | 1 | 0.001 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 105.47. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**HallerCells\_left\* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| HallerCells\_left | 0 | Count | 216 | 234 | 450 |
| % within gender | 86.7% | 79.6% | 82.9% |
| 1 | Count | 33 | 60 | 93 |
| % within gender | 13.3% | 20.4% | 17.1% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 4.863a | 1 | 0.027 |  |  |
| Continuity Correctionb | 4.372 | 1 | 0.037 |  |  |
| Likelihood Ratio | 4.939 | 1 | 0.026 |  |  |
| Fisher's Exact Test |  |  |  | 0.030 | 0.018 |
| Linear-by-Linear Association | 4.854 | 1 | 0.028 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 42.65. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**ConchaBullosa\_left\* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| Concha Bullosa\_left | 0 | Count | 174 | 156 | 330 |
| % within gender | 69.9% | 53.1% | 60.8% |
| 1 | Count | 75 | 138 | 213 |
| % within gender | 30.1% | 46.9% | 39.2% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 15.996a | 1 | .000 |  |  |
| Continuity Correctionb | 15.298 | 1 | .000 |  |  |
| Likelihood Ratio | 16.164 | 1 | .000 |  |  |
| Fisher's Exact Test |  |  |  | .000 | .000 |
| Linear-by-Linear Association | 15.967 | 1 | .000 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 97.67. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**ParadoxConcha\_left\* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| ParadoxConcha\_left | 0 | Count | 244 | 288 | 532 |
| % within gender | 98.0% | 98.0% | 98.0% |
| 1 | Count | 5 | 6 | 11 |
| % within gender | 2.0% | 2.0% | 2.0% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 0.001a | 1 | 0.978 |  |  |
| Continuity Correctionb | 0.000 | 1 | 1.000 |  |  |
| Likelihood Ratio | 0.001 | 1 | 0.978 |  |  |
| Fisher's Exact Test |  |  |  | 1.000 | 0.612 |
| Linear-by-Linear Association | 0.001 | 1 | 0.978 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 5.04. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**Uncinateprocessdeviation\_left \* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| Uncinateprocessdeviation\_left | 0 | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |
| --- | --- |
| **Chi-Square Tests** | |
|  | Value |
| Pearson Chi-Square | .a |
| N of Valid Cases | 543 |
| aNo statistics are computed because Uncinateprocessdeviation\_left is a constant. | |

**Inferiornasalconchahypertrophy\_left \* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| Inferiornasalconchahypertrophy\_  left | 0 | Count | 192 | 228 | 420 |
| % within gender | 77.1% | 77.6% | 77.3% |
| 1 | Count | 57 | 66 | 123 |
| % within gender | 22.9% | 22.4% | 22.7% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 0.015a | 1 | 0.902 |  |  |
| Continuity Correctionb | 0.000 | 1 | 0.984 |  |  |
| Likelihood Ratio | 0.015 | 1 | 0.902 |  |  |
| Fisher's Exact Test |  |  |  | 0.918 | 0.491 |
| Linear-by-Linear Association | 0.015 | 1 | 0.902 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 56.40. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**Uncinateprocesspneumatization\_left \* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| Uncinateprocesspneumatization\_left | 0 | Count | 248 | 288 | 536 |
| % within gender | 99.6% | 98.0% | 98.7% |
| 1 | Count | 1 | 6 | 7 |
| % within gender | 0.4% | 2.0% | 1.3% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 2.847a | 1 | 0.092 |  |  |
| Continuity Correctionb | 1.704 | 1 | 0.192 |  |  |
| Likelihood Ratio | 3.217 | 1 | 0.073 |  |  |
| Fisher's Exact Test |  |  |  | 0.132 | 0.093 |
| Linear-by-Linear Association | 2.842 | 1 | 0.092 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a2 cells (50.0%) have expected count less than 5. The minimum expected count is 3.21. | | | | | |

**Right AMO \* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| Right AMO | 0 | Count | 169 | 226 | 395 |
| % within gender | 67.9% | 76.9% | 72.7% |
| 1 | Count | 80 | 68 | 148 |
| % within gender | 32.1% | 23.1% | 27.3% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 5.507a | 1 | 0.019 |  |  |
| Continuity Correctionb | 5.062 | 1 | 0.024 |  |  |
| Likelihood Ratio | 5.495 | 1 | 0.019 |  |  |
| Fisher's Exact Test |  |  |  | 0.020 | 0.012 |
| Linear-by-Linear Association | 5.497 | 1 | 0.019 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 67.87. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**Left AMO \* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| Left AMO | 0 | Count | 174 | 231 | 405 |
| % within gender | 69.9% | 78.6% | 74.6% |
| 1 | Count | 75 | 63 | 138 |
| % within gender | 30.1% | 21.4% | 25.4% |
| Total | | Count | 249 | 294 | 543 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 5.373a | 1 | 0.020 |  |  |
| Continuity Correctionb | 4.925 | 1 | 0.026 |  |  |
| Likelihood Ratio | 5.360 | 1 | 0.021 |  |  |
| Fisher's Exact Test |  |  |  | 0.023 | 0.013 |
| Linear-by-Linear Association | 5.363 | 1 | 0.021 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 63.28. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Right sinus pathology present\_absent \* Right AMO Crosstabulation** | | | | | |
|  | | | Right AMO | | Total |
| 0 | 1 |
| Right sinus pathology present\_absent | 0 | Count | 130 | 44 | 174 |
| % within Right sinus pathology present\_absent | 74.7% | 25.3% | 100.0% |
| 1 | Count | 265 | 104 | 369 |
| % within Right sinus pathology present\_absent | 71.8% | 28.2% | 100.0% |
| Total | | Count | 395 | 148 | 543 |
| % within Right sinus pathology present\_absent | 72.7% | 27.3% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 0.500a | 1 | 0.479 |  |  |
| Continuity Correctionb | 0.365 | 1 | 0.546 |  |  |
| Likelihood Ratio | 0.505 | 1 | 0.477 |  |  |
| Fisher's Exact Test |  |  |  | 0.536 | 0.274 |
| Linear-by-Linear Association | 0.500 | 1 | 0.480 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 47.43. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Right nasal variation present\_absent \* Right AMO Crosstabulation** | | | | | |
|  | | | Right AMO | | Total |
| 0 | 1 |
| Right nasal variation present\_absent | 0 | Count | 139 | 53 | 192 |
| % within Right nasal variation present\_absent | 72.4% | 27.6% | 100.0% |
| 1 | Count | 256 | 95 | 351 |
| % within Right nasal variation present\_absent | 72.9% | 27.1% | 100.0% |
| Total | | Count | 395 | 148 | 543 |
| % within Right nasal variation present\_absent | 72.7% | 27.3% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 0.018a | 1 | 0.893 |  |  |
| Continuity Correctionb | 0.001 | 1 | 0.973 |  |  |
| Likelihood Ratio | 0.018 | 1 | 0.893 |  |  |
| Fisher's Exact Test |  |  |  | 0.920 | 0.485 |
| Linear-by-Linear Association | 0.018 | 1 | 0.893 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 52.33. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**Left sinus pathology present\_absent \* Left AMO**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Left AMO | | Total |
| 0 | 1 |
| Left sinus pathology present\_absent | 0 | Count | 157 | 34 | 191 |
| % within Left sinus pathology present\_absent | 82.2% | 17.8% | 100.0% |
| 1 | Count | 248 | 104 | 352 |
| % within Left sinus pathology present\_absent | 70.5% | 29.5% | 100.0% |
| Total | | Count | 405 | 138 | 543 |
| % within Left sinus pathology present\_absent | 74.6% | 25.4% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 9.010a | 1 | 0.003 |  |  |
| Continuity Correctionb | 8.401 | 1 | 0.004 |  |  |
| Likelihood Ratio | 9.373 | 1 | 0.002 |  |  |
| Fisher's Exact Test |  |  |  | 0.003 | 0.002 |
| Linear-by-Linear Association | 8.993 | 1 | 0.003 |  |  |
| N of Valid Cases | 543 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 48.54. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**Right AMO \* age groups**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | | | | |
|  | | | Age groups | | | | | Total |
| 18–24 | 25–34 | 35–44 | 45–54 | ≥ 55 |
| Right AMO | 0 | Count | 60 | 51 | 74 | 109 | 101 | 395 |
| % within age groups | 72.3% | 69.9% | 69.2% | 73.6% | 76.5% | 72.7% |
| 1 | Count | 23 | 22 | 33 | 39 | 31 | 148 |
| % within age groups | 27.7% | 30.1% | 30.8% | 26.4% | 23.5% | 27.3% |
| Total | | Count | 83 | 73 | 107 | 148 | 132 | 543 |
| % within age groups | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 2.016a | 4 | .733 |
| Likelihood Ratio | 2.022 | 4 | .732 |
| Linear-by-Linear Association | .983 | 1 | .321 |
| N of Valid Cases | 543 |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 19.90. | | | |

**Left AMO \* age groups**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | | | | |
|  | | | Age groups | | | | | Total |
| 18–24 | 25–34 | 35–44 | 45–54 | ≥ 55 |
| Left AMO | 0 | Count | 60 | 52 | 81 | 116 | 96 | 405 |
| % within age groups | 72.3% | 71.2% | 75.7% | 78.4% | 72.7% | 74.6% |
| 1 | Count | 23 | 21 | 26 | 32 | 36 | 138 |
| % within age groups | 27.7% | 28.8% | 24.3% | 21.6% | 27.3% | 25.4% |
| Total | | Count | 83 | 73 | 107 | 148 | 132 | 543 |
| % within age groups | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 2.098a | 4 | 0.718 |
| Likelihood Ratio | 2.119 | 4 | 0.714 |
| Linear-by-Linear Association | 0.249 | 1 | 0.618 |
| N of Valid Cases | 543 |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 18.55. | | | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Right AMO \* right posterior dentition Crosstabulation** | | | | | | |
|  | | | Right posterior dentition | | | Total |
| 0 | 1 | 2 |
| Right AMO | 0 | Count | 181 | 105 | 109 | 395 |
| % within right posterior dentition | 71.8% | 73.4% | 73.6% | 72.7% |
| 1 | Count | 71 | 38 | 39 | 148 |
| % within right posterior dentition | 28.2% | 26.6% | 26.4% | 27.3% |
| Total | | Count | 252 | 143 | 148 | 543 |
| % within right posterior dentition | 100.0% | 100.0% | 100.0% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 0.202a | 2 | 0.904 |
| Likelihood Ratio | 0.202 | 2 | 0.904 |
| Linear-by-Linear Association | 0.177 | 1 | 0.674 |
| N of Valid Cases | 543 |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 38.98. | | | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Left AMO \* left posterior dentition Crosstabulation** | | | | | | |
|  | | | Left posterior dentition | | | Total |
| 0 | 1 | 2 |
| Left AMO | 0 | Count | 188 | 114 | 103 | 405 |
| % within left posterior dentition | 74.6% | 75.0% | 74.1% | 74.6% |
| 1 | Count | 64 | 38 | 36 | 138 |
| % within left posterior dentition | 25.4% | 25.0% | 25.9% | 25.4% |
| Total | | Count | 252 | 152 | 139 | 543 |
| % within left posterior dentition | 100.0% | 100.0% | 100.0% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 0.031a | 2 | 0.985 |
| Likelihood Ratio | 0.031 | 2 | 0.985 |
| Linear-by-Linear Association | 0.007 | 1 | 0.931 |
| N of Valid Cases | 543 |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 35.33. | | | |

**Right AMO localization \* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| Right AMO localization | 1 | Count | 16 | 17 | 33 |
| % within gender | 20.0% | 25.0% | 22.3% |
| 2 | Count | 64 | 51 | 115 |
| % within gender | 80.0% | 75.0% | 77.7% |
| Total | | Count | 80 | 68 | 148 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 0.530a | 1 | 0.466 |  |  |
| Continuity Correctionb | 0.281 | 1 | 0.596 |  |  |
| Likelihood Ratio | 0.529 | 1 | 0.467 |  |  |
| Fisher's Exact Test |  |  |  | 0.553 | 0.297 |
| Linear-by-Linear Association | 0.527 | 1 | 0.468 |  |  |
| N of Valid Cases | 148 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 15.16. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**Left AMO localization \* gender**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | |
|  | | | Gender | | Total |
| Male | Female |
| Left AMO localization | 1 | Count | 23 | 20 | 43 |
| % within gender | 30.7% | 31.7% | 31.2% |
| 2 | Count | 52 | 43 | 95 |
| % within gender | 69.3% | 68.3% | 68.8% |
| Total | | Count | 75 | 63 | 138 |
| % within gender | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 0.019a | 1 | 0.892 |  |  |
| Continuity Correctionb | 0.000 | 1 | 1.000 |  |  |
| Likelihood Ratio | 0.019 | 1 | 0.892 |  |  |
| Fisher's Exact Test |  |  |  | 1.000 | 0.518 |
| Linear-by-Linear Association | 0.018 | 1 | 0.892 |  |  |
| N of Valid Cases | 138 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 19.63. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

CROSSTABS

/TABLES=rightAMOlocalization BY rightsinuspathologypresent\_absent

/FORMAT=AVALUE TABLES

/STATISTICS=CHISQ

/CELLS=COUNT COLUMN /COUNT ROUND CELL

**Crosstabs**

|  |  |  |
| --- | --- | --- |
| **Notes** | | |
| Output Created | | 28-AUG-2024 01:47:31 |
| Comments | |  |
| Input | Data | D:\Hard Disk Kopyaları\HD 2024\statistical analysis\Nurşat Diş\veri Nurşat.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 543 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| Cases Used | Statistics for each table are based on all the cases with valid data in the specified range(s) for all variables in each table. |
| Syntax | | CROSSTABS  /TABLES=rightAMOlocalization BY rightsinuspathologypresent\_absent  /FORMAT=AVALUE TABLES  /STATISTICS=CHISQ  /CELLS=COUNT COLUMN  /COUNT ROUND CELL. |
| Resources | Processor Time | 00:00:00.02 |
| Elapsed Time | 00:00:00.01 |
| Dimensions Requested | 2 |
| Cells Available | 524245 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Case Processing Summary** | | | | | | |
|  | Cases | | | | | |
| Valid | | Missing | | Total | |
| n | Percent | n | Percent | n | Percent |
| Right AMOlocalization \* rightsinuspathology  present\_absent | 148 | 27.3% | 395 | 72.7% | 543 | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Right AMOlocalization \* rightsinuspathologypresent\_absent Crosstabulation** | | | | | |
|  | | | Rightsinuspathology  present\_absent | | Total |
| 0 | 1 |
| Right AMO  localization | 1 | Count | 8 | 25 | 33 |
| % within rightsinuspathologypresent\_absent | 18.2% | 24.0% | 22.3% |
| 2 | Count | 36 | 79 | 115 |
| % within rightsinuspathologypresent\_absent | 81.8% | 76.0% | 77.7% |
| Total | | Count | 44 | 104 | 148 |
| % within rightsinuspathologypresent\_absent | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 0.612a | 1 | 0.434 |  |  |
| Continuity Correctionb | 0.321 | 1 | 0.571 |  |  |
| Likelihood Ratio | 0.630 | 1 | 0.427 |  |  |
| Fisher's Exact Test |  |  |  | 0.520 | 0.290 |
| Linear-by-Linear Association | 0.608 | 1 | 0.436 |  |  |
| N of Valid Cases | 148 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 9.81. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Left AMO localization\* leftsinuspathologypresent\_absent Crosstabulation** | | | | | |
|  | | | Leftsinuspathology  present\_absent | | Total |
| 0 | 1 |
| Left AMO localization | 1 | Count | 9 | 34 | 43 |
| % within leftsinuspathologypresent\_absent | 26.5% | 32.7% | 31.2% |
| 2 | Count | 25 | 70 | 95 |
| % within leftsinuspathologypresent\_absent | 73.5% | 67.3% | 68.8% |
| Total | | Count | 34 | 104 | 138 |
| % within leftsinuspathologypresent\_absent | 100.0% | 100.0% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 0.462a | 1 | 0.497 |  |  |
| Continuity Correctionb | 0.218 | 1 | 0.641 |  |  |
| Likelihood Ratio | 0.472 | 1 | 0.492 |  |  |
| Fisher's Exact Test |  |  |  | 0.531 | 0.325 |
| Linear-by-Linear Association | 0.459 | 1 | 0.498 |  |  |
| N of Valid Cases | 138 |  |  |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 10.59. | | | | | |
| bComputed only for a 2 × 2 table. | | | | | |

**Mann-Whitney Test**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Ranks** | | | | |
|  | cinsiyet | n | Mean Rank | Sum of Ranks |
| Right AMO diameter | Male | 249 | 286.81 | 71415.00 |
| Female | 294 | 259.46 | 76281.00 |
| Total | 543 |  |  |
| Left AMO diameter | Male | 249 | 284.92 | 70944.00 |
| Female | 294 | 261.06 | 76752.00 |
| Total | 543 |  |  |

|  |  |  |
| --- | --- | --- |
| **Test Statisticsa** | | |
|  | rightAMOdiameter | leftAMOdiameter |
| Mann-Whitney U | 32916.000 | 33387.000 |
| Wilcoxon W | 76281.000 | 76752.000 |
| Z | –2.581 | –2.308 |
| Asymp. Sig. (2-tailed) | 0.010 | 0.021 |
| aGrouping Variable: gender | | |

**Wilcoxon Signed Ranks Test**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Ranks** | | | | |
|  | | n | Mean Rank | Sum of Ranks |
| leftAMOdiameter - rightAMOdiameter | Negative Ranks | 101a | 99.29 | 10028.50 |
| Positive Ranks | 93b | 95.55 | 8886.50 |
| Ties | 349c |  |  |
| Total | 543 |  |  |
| aleftAMOdiameter < rightAMOdiameter | | | | |
| bleftAMOdiameter > rightAMOdiameter | | | | |
| cleftAMOdiameter= rightAMOdiameter | | | | |

|  |  |
| --- | --- |
| **Test Statisticsa** | |
|  | leftAMOdiameter - rightAMOdiameter |
| Z | –0.730b |
| Asymp. Sig. (2-tailed) | 0.466 |
| aWilcoxon Signed Ranks Test | |
| bBased on positive ranks. | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Descriptives** | | | | | |
| Age groups | | | | Statistic | Std. Error |
| 18–24 | Right AMOdiameter | Mean | | 1.0308 | 0.20497 |
| 95% Confidence Interval for Mean | Lower Bound | 0.6231 |  |
| Upper Bound | 1.4386 |  |
| 5% Trimmed Mean | | 0.8052 |  |
| Median | | 0.0000 |  |
| Variance | | 3.487 |  |
| Std. Deviation | | 1.86738 |  |
| Minimum | | 0.00 |  |
| Maximum | | 7.80 |  |
| Range | | 7.80 |  |
| Interquartile Range | | 2.10 |  |
| Skewness | | 1.721 | 0.264 |
| Kurtosis | | 2.077 | 0.523 |
| leftAMOdiameter | Mean | | 1.0531 | 0.21120 |
| 95% Confidence Interval for Mean | Lower Bound | 0.6330 |  |
| Upper Bound | 1.4733 |  |
| 5% Trimmed Mean | | 0.8058 |  |
| Median | | 0.0000 |  |
| Variance | | 3.702 |  |
| Std. Deviation | | 1.92412 |  |
| Minimum | | 0.00 |  |
| Maximum | | 7.00 |  |
| Range | | 7.00 |  |
| Interquartile Range | | 2.00 |  |
| Skewness | | 1.739 | 0.264 |
| Kurtosis | | 2.002 | 0.523 |
| 25–34 | rightAMOdiameter | Mean | | 0.9679 | 0.18745 |
| 95% Confidence Interval for Mean | Lower Bound | 0.5943 |  |
| Upper Bound | 1.3416 |  |
| 5% Trimmed Mean | | 0.7926 |  |
| Median | | 0.0000 |  |
| Variance | | 2.565 |  |
| Std. Deviation | | 1.60156 |  |
| Minimum | | 0.00 |  |
| Maximum | | 6.00 |  |
| Range | | 6.00 |  |
| Interquartile Range | | 2.10 |  |
| Skewness | | 1.390 | 0.281 |
| Kurtosis | | 0.731 | 0.555 |
| leftAMOdiameter | Mean | | 1.1603 | 0.23799 |
| 95% Confidence Interval for Mean | Lower Bound | 0.6859 |  |
| Upper Bound | 1.6347 |  |
| 5% Trimmed Mean | | 0.9162 |  |
| Median | | 0.0000 |  |
| Variance | | 4.135 |  |
| Std. Deviation | | 2.03338 |  |
| Minimum | | 0.00 |  |
| Maximum | | 7.80 |  |
| Range | | 7.80 |  |
| Interquartile Range | | 2.50 |  |
| Skewness | | 1.596 | 0.281 |
| Kurtosis | | 1.494 | 0.555 |
| 35–44 | rightAMOdiameter | Mean | | 1.1014 | 0.18227 |
| 95% Confidence Interval for Mean | Lower Bound | 0.7400 |  |
| Upper Bound | 1.4628 |  |
| 5% Trimmed Mean | | 0.8858 |  |
| Median | | 0.0000 |  |
| Variance | | 3.555 |  |
| Std. Deviation | | 1.88543 |  |
| Minimum | | 0.00 |  |
| Maximum | | 9.00 |  |
| Range | | 9.00 |  |
| Interquartile Range | | 2.10 |  |
| Skewness | | 1.695 | 0.234 |
| Kurtosis | | 2.433 | 0.463 |
| leftAMOdiameter | Mean | | 0.9641 | 0.17519 |
| 95% Confidence Interval for Mean | Lower Bound | 0.6168 |  |
| Upper Bound | 1.3114 |  |
| 5% Trimmed Mean | | 0.7592 |  |
| Median | | 0.0000 |  |
| Variance | | 3.284 |  |
| Std. Deviation | | 1.81214 |  |
| Minimum | | 0.00 |  |
| Maximum | | 6.90 |  |
| Range | | 6.90 |  |
| Interquartile Range | | 0.00 |  |
| Skewness | | 1.590 | 0.234 |
| Kurtosis | | 1.098 | 0.463 |
| 45–54 | rightAMOdiameter | Mean | | 1.0453 | 0.15676 |
| 95% Confidence Interval for Mean | Lower Bound | 0.7355 |  |
| Upper Bound | 1.3551 |  |
| 5% Trimmed Mean | | 0.8258 |  |
| Median | | 0.0000 |  |
| Variance | | 3.637 |  |
| Std. Deviation | | 1.90711 |  |
| Minimum | | 0.00 |  |
| Maximum | | 8.00 |  |
| Range | | 8.00 |  |
| Interquartile Range | | 2.00 |  |
| Skewness | | 1.617 | 0.199 |
| Kurtosis | | 1.417 | 0.396 |
| leftAMOdiameter | Mean | | 0.8061 | 0.13652 |
| 95% Confidence Interval for Mean | Lower Bound | 0.5363 |  |
| Upper Bound | 1.0759 |  |
| 5% Trimmed Mean | | 0.5858 |  |
| Median | | 0.0000 |  |
| Variance | | 2.758 |  |
| Std. Deviation | | 1.66085 |  |
| Minimum | | 0.00 |  |
| Maximum | | 7.00 |  |
| Range | | 7.00 |  |
| Interquartile Range | | 0.00 |  |
| Skewness | | 1.917 | 0.199 |
| Kurtosis | | 2.524 | 0.396 |
| ≥ 55 | rightAMOdiameter | Mean | | 0.8995 | 0.15775 |
| 95% Confidence Interval for Mean | Lower Bound | 0.5875 |  |
| Upper Bound | 1.2116 |  |
| 5% Trimmed Mean | | 0.6553 |  |
| Median | | 0.0000 |  |
| Variance | | 3.285 |  |
| Std. Deviation | | 1.81245 |  |
| Minimum | | 0.00 |  |
| Maximum | | 10.00 |  |
| Range | | 10.00 |  |
| Interquartile Range | | 0.00 |  |
| Skewness | | 2.170 | 0.211 |
| Kurtosis | | 5.041 | 0.419 |
| leftAMOdiameter | Mean | | 0.9555 | 0.14996 |
| 95% Confidence Interval for Mean | Lower Bound | 0.6589 |  |
| Upper Bound | 1.2522 |  |
| 5% Trimmed Mean | | 0.7462 |  |
| Median | | 0.0000 |  |
| Variance | | 2.968 |  |
| Std. Deviation | | 1.72287 |  |
| Minimum | | 0.00 |  |
| Maximum | | 9.00 |  |
| Range | | 9.00 |  |
| Interquartile Range | | 2.08 |  |
| Skewness | | 1.817 | 0.211 |
| Kurtosis | | 3.275 | 0.419 |

**Kruskal-Wallis Test**

|  |  |  |  |
| --- | --- | --- | --- |
| **Ranks** | | | |
|  | Age groups | n | Mean Rank |
| rightAMOdiameter | 18–24 | 83 | 273.34 |
| 25–34 | 73 | 275.88 |
| 35–44 | 107 | 280.39 |
| 45–54 | 148 | 272.03 |
| ≥ 55 | 132 | 262.19 |
| Total | 543 |  |
| leftAMOdiameter | 18–24 | 83 | 278.01 |
| 25–34 | 73 | 282.86 |
| 35–44 | 107 | 271.14 |
| 45–54 | 148 | 261.64 |
| ≥ 55 | 132 | 274.53 |
| Total | 543 |  |

|  |  |  |
| --- | --- | --- |
| **Test Statisticsa.b** | | |
|  | rightAMOdiameter | leftAMOdiameter |
| Kruskal-Wallis H | 1.420 | 1.974 |
| df | 4 | 4 |
| Asymp. Sig. | 0.841 | 0.741 |
| aKruskal Wallis Test | | |
| bGrouping Variable: age groups | | |

**Right AMO \* nasal septum deviation**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | | |
|  | | | Nasal septum deviation | | | Total |
| 0 | 1 | 2 |
| Right AMO | 0 | Count | 166 | 122 | 107 | 395 |
| % within nasal septum dev. | 71.9% | 76.7% | 69.9% | 72.7% |
| 1 | Count | 65 | 37 | 46 | 148 |
| % within nasal septum dev. | 28.1% | 23.3% | 30.1% | 27.3% |
| Total | | Count | 231 | 159 | 153 | 543 |
| % within nasal septum dev. | 100.0% | 100.0% | 100.0% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 1.974a | 2 | 0.373 |
| Likelihood Ratio | 2.003 | 2 | 0.367 |
| Linear-by-Linear Association | .069 | 1 | 0.793 |
| N of Valid Cases | 543 |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 41.70. | | | |

**Left AMO \* nasal septum deviation**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Crosstab** | | | | | | |
|  | | | Nasal septum deviation | | | Total |
| 0 | 1 | 2 |
| Left AMO | 0 | Count | 170 | 116 | 119 | 405 |
| % within nasal septum dev. | 73.6% | 73.0% | 77.8% | 74.6% |
| 1 | Count | 61 | 43 | 34 | 138 |
| % within nasal septum dev. | 26.4% | 27.0% | 22.2% | 25.4% |
| Total | | Count | 231 | 159 | 153 | 543 |
| % within nasal septum dev. | 100.0% | 100.0% | 100.0% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 1.165a | 2 | 0.558 |
| Likelihood Ratio | 1.186 | 2 | 0.553 |
| Linear-by-Linear Association | 0.728 | 1 | 0.394 |
| N of Valid Cases | 543 |  |  |
| a0 cells (0.0%) have expected count less than 5. The minimum expected count is 38.88. | | | |