Oral Habits

Hephzibah Akindele

2024-02-25

## R Markdown

## Table printed with {flextable}, not {gt}. Learn why at  
## https://www.danieldsjoberg.com/gtsummary/articles/rmarkdown.html  
## To suppress this message, include `message = FALSE` in the code chunk header.

| **Characteristic** | **N = 993**1 |
| --- | --- |
| Age | 15.00 (14.00, 16.00) |
| Sex |  |
| Female | 554 (56%) |
| Male | 439 (44%) |
| Class |  |
| JSS1 | 45 (4.5%) |
| JSS2 | 41 (4.1%) |
| JSS3 | 168 (17%) |
| SS1 | 414 (42%) |
| SS2 | 316 (32%) |
| SS3 | 9 (0.9%) |
| Religion |  |
| Christian | 657 (66%) |
| Muslim | 334 (34%) |
| Other | 2 (0.2%) |
| School |  |
| Community | 695 (70%) |
| Fountain Heights | 298 (30%) |
| 1Median (IQR); n (%) | |

## Table printed with {flextable}, not {gt}. Learn why at  
## https://www.danieldsjoberg.com/gtsummary/articles/rmarkdown.html  
## To suppress this message, include `message = FALSE` in the code chunk header.

| **Characteristic** | **Overall**, N = 9931 | **Community**, N = 6951 | **Fountain Heights**, N = 2981 | **p-value**2 |
| --- | --- | --- | --- | --- |
| Heard of Oral Habits | 844 (85%) | 587 (84%) | 257 (87%) | 0.4 |
| Unknown | 1 | 0 | 1 |  |
| Breathing through Mouth | 503 (51%) | 366 (53%) | 137 (46%) | 0.053 |
| Elbow Sucking | 123 (12%) | 78 (11%) | 45 (15%) | 0.089 |
| Hair Plucking | 133 (13%) | 87 (13%) | 46 (15%) | 0.2 |
| Lip Biting | 438 (44%) | 288 (41%) | 150 (50%) | 0.010 |
| Lip Sucking | 506 (51%) | 359 (52%) | 147 (49%) | 0.5 |
| Nail Biting | 417 (42%) | 266 (38%) | 151 (51%) | <0.001 |
| Sticking Out Tongue | 465 (47%) | 321 (46%) | 144 (48%) | 0.5 |
| Thumb Digit Sucking | 510 (51%) | 367 (53%) | 143 (48%) | 0.2 |
| Tongue Sucking | 553 (56%) | 408 (59%) | 145 (49%) | 0.003 |
| Tooth Grinding | 504 (51%) | 332 (48%) | 172 (58%) | 0.004 |
| Oral Habits lead to Malocclusion |  |  |  | 0.003 |
| I don't know | 278 (28%) | 193 (28%) | 85 (29%) |  |
| No | 199 (20%) | 121 (17%) | 78 (26%) |  |
| Yes | 515 (52%) | 380 (55%) | 135 (45%) |  |
| Unknown | 1 | 1 | 0 |  |
| Stress/Insecuirity can Cause Oral Habits |  |  |  | <0.001 |
| I don't know | 299 (30%) | 215 (31%) | 84 (28%) |  |
| No | 307 (31%) | 239 (34%) | 68 (23%) |  |
| Yes | 387 (39%) | 241 (35%) | 146 (49%) |  |
| Occurrence of Oral Habits in Children |  |  |  | 0.3 |
| I don't know | 175 (18%) | 114 (16%) | 61 (20%) |  |
| No | 90 (9.1%) | 63 (9.1%) | 27 (9.1%) |  |
| Yes | 727 (73%) | 517 (74%) | 210 (70%) |  |
| Unknown | 1 | 1 | 0 |  |
| Breastfeeding and Oral Habits |  |  |  | <0.001 |
| I don't know | 254 (26%) | 155 (22%) | 99 (33%) |  |
| No | 273 (28%) | 179 (26%) | 94 (32%) |  |
| Yes | 465 (47%) | 360 (52%) | 105 (35%) |  |
| Unknown | 1 | 1 | 0 |  |
| Influence of Peers/Siblings on Oral Habits |  |  |  | 0.003 |
| I don't know | 220 (22%) | 147 (21%) | 73 (24%) |  |
| No | 303 (31%) | 195 (28%) | 108 (36%) |  |
| Yes | 470 (47%) | 353 (51%) | 117 (39%) |  |
| Impact of Parental Time on Oral Habits |  |  |  | 0.028 |
| I don't know | 204 (21%) | 130 (19%) | 74 (25%) |  |
| No | 263 (26%) | 179 (26%) | 84 (28%) |  |
| Yes | 526 (53%) | 386 (56%) | 140 (47%) |  |
| Adjustment Issues and Oral Habits |  |  |  | 0.9 |
| I don’t know | 194 (20%) | 136 (20%) | 58 (19%) |  |
| No | 230 (23%) | 158 (23%) | 72 (24%) |  |
| Yes | 569 (57%) | 401 (58%) | 168 (56%) |  |
| Oral habits affect a child's facial appearance |  |  |  | 0.7 |
| I don’t know | 178 (18%) | 124 (18%) | 54 (18%) |  |
| No | 146 (15%) | 98 (14%) | 48 (16%) |  |
| Yes | 669 (67%) | 473 (68%) | 196 (66%) |  |
| Negative Effects of Oral Habits |  |  |  | 0.037 |
| FALSE | 143 (14%) | 91 (13%) | 52 (17%) |  |
| I don’t know | 245 (25%) | 163 (23%) | 82 (28%) |  |
| TRUE | 605 (61%) | 441 (63%) | 164 (55%) |  |
| Discouraging Oral Habits in Young Children |  |  |  | 0.2 |
| I don't know | 165 (17%) | 111 (16%) | 54 (18%) |  |
| No | 140 (14%) | 107 (15%) | 33 (11%) |  |
| Yes | 687 (69%) | 476 (69%) | 211 (71%) |  |
| Unknown | 1 | 1 | 0 |  |
| Parental/Social Pressure to Break Habits |  |  |  | 0.003 |
| FALSE | 153 (15%) | 105 (15%) | 48 (16%) |  |
| I don't know | 142 (14%) | 83 (12%) | 59 (20%) |  |
| TRUE | 698 (70%) | 507 (73%) | 191 (64%) |  |
| Checking for Psychological/Emotional Problems Before Treatment |  |  |  | 0.3 |
| I don't know | 155 (16%) | 104 (15%) | 51 (17%) |  |
| No | 122 (12%) | 80 (12%) | 42 (14%) |  |
| Yes | 716 (72%) | 511 (74%) | 205 (69%) |  |
| Counselling to Stop Habit | 682 (69%) | 470 (68%) | 212 (71%) | 0.3 |
| Removing Emotional/Psychological Triggers | 479 (48%) | 322 (46%) | 157 (53%) | 0.066 |
| Rewarding for Not Engaging in Habit | 417 (42%) | 262 (38%) | 155 (52%) | <0.001 |
| Use of Braces | 320 (32%) | 213 (31%) | 107 (36%) | 0.10 |
| Use of Habit-breaking Appliances | 266 (27%) | 189 (27%) | 77 (26%) | 0.7 |
| Using Reminders to Avoid Habit | 546 (55%) | 360 (52%) | 186 (62%) | 0.002 |
| Educating Parents and Caregivers for Prevention |  |  |  | 0.6 |
| I don't know | 125 (13%) | 85 (12%) | 40 (13%) |  |
| No | 85 (8.6%) | 63 (9.1%) | 22 (7.4%) |  |
| Yes | 782 (79%) | 546 (79%) | 236 (79%) |  |
| Unknown | 1 | 1 | 0 |  |
| Reminder Therapy and Rewarding for Stopping Habits |  |  |  | 0.2 |
| I don't know | 151 (15%) | 100 (14%) | 51 (17%) |  |
| No | 164 (17%) | 124 (18%) | 40 (13%) |  |
| Yes | 678 (68%) | 471 (68%) | 207 (69%) |  |
| Dentist Treatment for Oral Habits |  |  |  | 0.049 |
| I don’t know | 133 (13%) | 90 (13%) | 43 (14%) |  |
| No | 115 (12%) | 70 (10%) | 45 (15%) |  |
| Yes | 744 (75%) | 534 (77%) | 210 (70%) |  |
| Unknown | 1 | 1 | 0 |  |
| Knowledge of Effects and Treatments |  |  |  | 0.003 |
| I don’t know | 238 (24%) | 149 (21%) | 89 (30%) |  |
| No | 312 (31%) | 214 (31%) | 98 (33%) |  |
| Yes | 443 (45%) | 332 (48%) | 111 (37%) |  |
| Neglecting Oral Habits in Children |  |  |  | 0.024 |
| I don’t know | 243 (24%) | 169 (24%) | 74 (25%) |  |
| No | 248 (25%) | 190 (27%) | 58 (19%) |  |
| Yes | 502 (51%) | 336 (48%) | 166 (56%) |  |
| Knowing Someone with Oral Habits |  |  |  | 0.003 |
| I don’t know | 123 (12%) | 85 (12%) | 38 (13%) |  |
| No | 232 (23%) | 183 (26%) | 49 (16%) |  |
| Yes | 638 (64%) | 427 (61%) | 211 (71%) |  |
| Advising to See a Dentist | 388 (39%) | 309 (44%) | 79 (27%) | <0.001 |
| Advising to Stop Habit | 477 (48%) | 329 (47%) | 148 (50%) | 0.5 |
| I do nothing | 151 (15%) | 76 (11%) | 75 (25%) | <0.001 |
| 1n (%) | | | | |
| 2Pearson's Chi-squared test | | | | |

## Table printed with {flextable}, not {gt}. Learn why at  
## https://www.danieldsjoberg.com/gtsummary/articles/rmarkdown.html  
## To suppress this message, include `message = FALSE` in the code chunk header.

| **Characteristic** | **Overall**, N = 9931 | **Community**, N = 6951 | **Fountain Heights**, N = 2981 | **p-value**2 |
| --- | --- | --- | --- | --- |
| Engagement in Oral Habit |  |  |  | 0.061 |
| I don’t know | 83 (8.4%) | 56 (8.1%) | 27 (9.1%) |  |
| No | 546 (55%) | 399 (57%) | 147 (49%) |  |
| Yes | 364 (37%) | 240 (35%) | 124 (42%) |  |
| Breathing through Mouth | 98 (9.9%) | 67 (9.6%) | 31 (10%) | 0.7 |
| Elbow Sucking | 11 (1.1%) | 9 (1.3%) | 2 (0.7%) | 0.5 |
| Hair Plucking | 47 (4.7%) | 25 (3.6%) | 22 (7.4%) | 0.010 |
| Lip Biting | 127 (13%) | 72 (10%) | 55 (18%) | <0.001 |
| Lip Sucking | 107 (11%) | 70 (10%) | 37 (12%) | 0.3 |
| Nail Biting | 168 (17%) | 99 (14%) | 69 (23%) | <0.001 |
| Thumb Digit Sucking | 62 (6.2%) | 50 (7.2%) | 12 (4.0%) | 0.059 |
| Tongue Sucking | 54 (5.4%) | 37 (5.3%) | 17 (5.7%) | 0.8 |
| Tooth Grinding | 95 (9.6%) | 63 (9.1%) | 32 (11%) | 0.4 |
| Sticking Out Tongue | 49 (4.9%) | 32 (4.6%) | 17 (5.7%) | 0.5 |
| Received Treatment for Oral Habit |  |  |  | 0.8 |
| I don’t know | 34 (5.6%) | 25 (6.0%) | 9 (4.8%) |  |
| No | 368 (61%) | 252 (61%) | 116 (61%) |  |
| Yes | 202 (33%) | 138 (33%) | 64 (34%) |  |
| Unknown | 389 | 280 | 109 |  |
| Braces | 25 (2.5%) | 16 (2.3%) | 9 (3.0%) | 0.5 |
| Counselling to Stop Habit | 69 (6.9%) | 42 (6.0%) | 27 (9.1%) | 0.087 |
| Habit-breaking Appliances | 23 (2.3%) | 16 (2.3%) | 7 (2.3%) | >0.9 |
| Holes in Tooth | 1 (0.1%) | 0 (0%) | 1 (0.3%) | 0.3 |
| Sibling's Impact on Habit | 1 (0.1%) | 0 (0%) | 1 (0.3%) | 0.3 |
| Removing Emotional/Psychological Triggers | 26 (2.6%) | 17 (2.4%) | 9 (3.0%) | 0.6 |
| Rewarding for Not Engaging in Habit | 28 (2.8%) | 20 (2.9%) | 8 (2.7%) | 0.9 |
| Educating about Effects of Oral Habit | 1 (0.1%) | 0 (0%) | 1 (0.3%) | 0.3 |
| Intent to Stop Habit | 1 (0.1%) | 0 (0%) | 1 (0.3%) | 0.3 |
| Using Reminders to Avoid Habit | 33 (3.3%) | 19 (2.7%) | 14 (4.7%) | 0.11 |
| 1n (%) | | | | |
| 2Pearson's Chi-squared test; Fisher's exact test | | | | |