TBR

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## 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 = 72**1 |
| --- | --- |
| TBR |  |
| Crowding | 72 (100%) |
| degree |  |
| Mild | 40 (56%) |
| Moderate | 20 (28%) |
| Severe | 12 (17%) |
| 1n (%) | |

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## https://www.danieldsjoberg.com/gtsummary/articles/rmarkdown.html  
## To suppress this message, include `message = FALSE` in the code chunk header.

| **Characteristic** | **N = 92**1 |
| --- | --- |
| TBR |  |
| Spacing | 92 (100%) |
| degree |  |
| Mild | 25 (27%) |
| Moderate | 34 (37%) |
| Normal | 1 (1.1%) |
| Severe | 32 (35%) |
| 1n (%) | |

## There was an error in 'add\_p()/add\_difference()' for variable 's.n', p-value omitted:  
## Error in stats::fisher.test(c(1L, NA, NA, NA, NA, NA, NA, NA, NA, NA, : 'x' and 'y' must have at least 2 levels  
## There was an error in 'add\_p()/add\_difference()' for variable 'TBR', p-value omitted:  
## Error in stats::chisq.test(x = c("Crowding", "Crowding", "Crowding", "Crowding", : 'x' and 'y' must have at least 2 levels  
## 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** | **NO**, N = 341 | **YES**, N = 381 | **p-value**2 |
| --- | --- | --- | --- |
| X | 99 (60, 125) | 80 (32, 127) | 0.2 |
| s.n | 0 (NA%) | 1 (100%) |  |
| Unknown | 34 | 37 |  |
| initials |  |  | <0.001 |
| AAI | 0 (0%) | 1 (2.6%) |  |
| AAM | 0 (0%) | 1 (2.6%) |  |
| AAO | 1 (2.9%) | 1 (2.6%) |  |
| ABA | 1 (2.9%) | 0 (0%) |  |
| AER | 1 (2.9%) | 0 (0%) |  |
| AKJ | 1 (2.9%) | 0 (0%) |  |
| AOC | 0 (0%) | 2 (5.3%) |  |
| AOJ | 0 (0%) | 1 (2.6%) |  |
| AOR | 0 (0%) | 1 (2.6%) |  |
| AOT | 1 (2.9%) | 0 (0%) |  |
| APB | 0 (0%) | 1 (2.6%) |  |
| ASF | 0 (0%) | 1 (2.6%) |  |
| AST | 0 (0%) | 1 (2.6%) |  |
| AUO | 1 (2.9%) | 0 (0%) |  |
| AYH | 1 (2.9%) | 0 (0%) |  |
| BAA | 0 (0%) | 1 (2.6%) |  |
| BAE | 1 (2.9%) | 0 (0%) |  |
| BAF | 1 (2.9%) | 0 (0%) |  |
| BAO | 1 (2.9%) | 0 (0%) |  |
| BAP | 1 (2.9%) | 0 (0%) |  |
| BAT | 0 (0%) | 2 (5.3%) |  |
| BBO | 0 (0%) | 1 (2.6%) |  |
| BEA | 1 (2.9%) | 0 (0%) |  |
| BFT | 1 (2.9%) | 0 (0%) |  |
| BIM | 1 (2.9%) | 0 (0%) |  |
| BIS | 1 (2.9%) | 0 (0%) |  |
| BMC | 1 (2.9%) | 0 (0%) |  |
| BMM | 1 (2.9%) | 0 (0%) |  |
| BNS | 0 (0%) | 1 (2.6%) |  |
| BOA | 0 (0%) | 1 (2.6%) |  |
| BOF | 1 (2.9%) | 0 (0%) |  |
| BOL | 1 (2.9%) | 0 (0%) |  |
| BOO | 1 (2.9%) | 0 (0%) |  |
| BOT | 1 (2.9%) | 1 (2.6%) |  |
| BSD | 0 (0%) | 2 (5.3%) |  |
| BUC | 0 (0%) | 1 (2.6%) |  |
| FAA | 0 (0%) | 2 (5.3%) |  |
| FAG | 0 (0%) | 1 (2.6%) |  |
| FAI | 0 (0%) | 1 (2.6%) |  |
| FAO | 1 (2.9%) | 0 (0%) |  |
| FAP | 1 (2.9%) | 0 (0%) |  |
| FGS | 1 (2.9%) | 0 (0%) |  |
| FIC | 2 (5.9%) | 0 (0%) |  |
| FIO | 0 (0%) | 1 (2.6%) |  |
| FJF | 1 (2.9%) | 0 (0%) |  |
| FKT | 1 (2.9%) | 0 (0%) |  |
| FMO | 0 (0%) | 1 (2.6%) |  |
| FOC | 1 (2.9%) | 0 (0%) |  |
| FOH | 1 (2.9%) | 0 (0%) |  |
| FOO | 1 (2.9%) | 1 (2.6%) |  |
| FTE | 0 (0%) | 1 (2.6%) |  |
| KAO | 0 (0%) | 1 (2.6%) |  |
| KBO | 0 (0%) | 1 (2.6%) |  |
| KIP | 0 (0%) | 1 (2.6%) |  |
| KME | 1 (2.9%) | 0 (0%) |  |
| KNS | 0 (0%) | 1 (2.6%) |  |
| KUE | 0 (0%) | 1 (2.6%) |  |
| KVO | 0 (0%) | 1 (2.6%) |  |
| OAW | 0 (0%) | 1 (2.6%) |  |
| OID | 0 (0%) | 1 (2.6%) |  |
| OMS | 1 (2.9%) | 0 (0%) |  |
| ONG | 0 (0%) | 1 (2.6%) |  |
| OOA | 0 (0%) | 1 (2.6%) |  |
| OOC | 1 (2.9%) | 0 (0%) |  |
| GENDER |  |  | 0.6 |
| Female | 21 (62%) | 21 (55%) |  |
| Male | 13 (38%) | 17 (45%) |  |
| molar.rel |  |  | >0.9 |
| Angle Class I | 24 (71%) | 29 (76%) |  |
| Angle Class II | 2 (5.9%) | 2 (5.3%) |  |
| Angle Class II - Subdivision Left | 1 (2.9%) | 1 (2.6%) |  |
| Angle Class II - Subdivision Right | 2 (5.9%) | 2 (5.3%) |  |
| Angle Class II Division I | 1 (2.9%) | 0 (0%) |  |
| Angle Class III | 4 (12%) | 4 (11%) |  |
| uni.bilat |  |  | <0.001 |
| Bilateral impaction | 0 (0%) | 20 (53%) |  |
| No impaction | 34 (100%) | 0 (0%) |  |
| Unilateral impaction | 0 (0%) | 18 (47%) |  |
| TBR |  |  |  |
| Crowding | 34 (100%) | 38 (100%) |  |
| degree |  |  | 0.001 |
| Mild | 26 (76%) | 14 (37%) |  |
| Moderate | 7 (21%) | 13 (34%) |  |
| Severe | 1 (2.9%) | 11 (29%) |  |
| winter |  |  | <0.001 |
| Disto-Angular | 0 (0%) | 5 (13%) |  |
| Horizontal | 0 (0%) | 2 (5.3%) |  |
| Mesio-Angular | 0 (0%) | 25 (66%) |  |
| No Impaction | 34 (100%) | 0 (0%) |  |
| Transverse | 0 (0%) | 1 (2.6%) |  |
| Vertical | 0 (0%) | 5 (13%) |  |
| 1Median (IQR); n (%) | | | |
| 2Wilcoxon rank sum exact test; Fisher's exact test; Pearson's Chi-squared test | | | |

## There was an error in 'add\_p()/add\_difference()' for variable 's.n', p-value omitted:  
## Error in wilcox.test.formula(as.numeric(s.n) ~ as.factor(X3rd.molar), : grouping factor must have exactly 2 levels  
## There was an error in 'add\_p()/add\_difference()' for variable 'TBR', p-value omitted:  
## Error in stats::chisq.test(x = c("Spacing", "Spacing", "Spacing", "Spacing", : 'x' and 'y' must have at least 2 levels  
## 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** | **NO**, N = 631 | **YES**, N = 291 | **p-value**2 |
| --- | --- | --- | --- |
| X | 93 (51, 147) | 84 (34, 142) | 0.8 |
| s.n | NA (NA, NA) | NA (NA, NA) |  |
| Unknown | 63 | 29 |  |
| initials |  |  | <0.001 |
| AAD | 1 (1.6%) | 0 (0%) |  |
| AAE | 1 (1.6%) | 1 (3.4%) |  |
| AAF | 1 (1.6%) | 0 (0%) |  |
| AAO | 1 (1.6%) | 0 (0%) |  |
| AAT | 1 (1.6%) | 0 (0%) |  |
| AAU | 1 (1.6%) | 0 (0%) |  |
| ABT | 1 (1.6%) | 0 (0%) |  |
| ADM | 0 (0%) | 1 (3.4%) |  |
| AEP | 0 (0%) | 1 (3.4%) |  |
| AFT | 1 (1.6%) | 0 (0%) |  |
| AIB | 1 (1.6%) | 0 (0%) |  |
| AIE | 0 (0%) | 1 (3.4%) |  |
| AIJ | 0 (0%) | 1 (3.4%) |  |
| AIM | 1 (1.6%) | 0 (0%) |  |
| AJO | 1 (1.6%) | 0 (0%) |  |
| ANG | 1 (1.6%) | 0 (0%) |  |
| ANM | 0 (0%) | 1 (3.4%) |  |
| ANS | 2 (3.2%) | 0 (0%) |  |
| AOC | 1 (1.6%) | 0 (0%) |  |
| AOD | 1 (1.6%) | 0 (0%) |  |
| AOE | 2 (3.2%) | 0 (0%) |  |
| AOI | 1 (1.6%) | 0 (0%) |  |
| AOO | 0 (0%) | 1 (3.4%) |  |
| AOS | 1 (1.6%) | 0 (0%) |  |
| AYS | 1 (1.6%) | 0 (0%) |  |
| BAA | 2 (3.2%) | 1 (3.4%) |  |
| BAE | 1 (1.6%) | 1 (3.4%) |  |
| BAJ | 1 (1.6%) | 0 (0%) |  |
| BAK | 1 (1.6%) | 0 (0%) |  |
| BAO | 0 (0%) | 2 (6.9%) |  |
| BCC | 0 (0%) | 1 (3.4%) |  |
| BDB | 1 (1.6%) | 0 (0%) |  |
| BEA | 0 (0%) | 1 (3.4%) |  |
| BEC | 1 (1.6%) | 0 (0%) |  |
| BEV | 1 (1.6%) | 0 (0%) |  |
| BGM | 1 (1.6%) | 0 (0%) |  |
| BIE | 1 (1.6%) | 0 (0%) |  |
| BLO | 1 (1.6%) | 0 (0%) |  |
| BOJ | 1 (1.6%) | 0 (0%) |  |
| BOO | 1 (1.6%) | 0 (0%) |  |
| BOP | 0 (0%) | 1 (3.4%) |  |
| BOR | 1 (1.6%) | 0 (0%) |  |
| BTO | 0 (0%) | 1 (3.4%) |  |
| CAN | 1 (1.6%) | 0 (0%) |  |
| FAA | 1 (1.6%) | 0 (0%) |  |
| FAE | 1 (1.6%) | 0 (0%) |  |
| FAG | 0 (0%) | 1 (3.4%) |  |
| FAS | 0 (0%) | 1 (3.4%) |  |
| FAT | 1 (1.6%) | 0 (0%) |  |
| FBF | 1 (1.6%) | 0 (0%) |  |
| FEA | 2 (3.2%) | 0 (0%) |  |
| FEH | 0 (0%) | 1 (3.4%) |  |
| FES | 0 (0%) | 1 (3.4%) |  |
| FIC | 1 (1.6%) | 0 (0%) |  |
| FJB | 1 (1.6%) | 0 (0%) |  |
| FLO | 1 (1.6%) | 0 (0%) |  |
| FNC | 0 (0%) | 1 (3.4%) |  |
| FOD | 1 (1.6%) | 0 (0%) |  |
| FOF | 1 (1.6%) | 0 (0%) |  |
| FOG | 1 (1.6%) | 0 (0%) |  |
| FOI | 1 (1.6%) | 0 (0%) |  |
| FOO | 1 (1.6%) | 1 (3.4%) |  |
| FSA | 1 (1.6%) | 0 (0%) |  |
| KAB | 0 (0%) | 1 (3.4%) |  |
| KAI | 0 (0%) | 1 (3.4%) |  |
| KAM | 0 (0%) | 1 (3.4%) |  |
| KAO | 1 (1.6%) | 1 (3.4%) |  |
| KAZ | 1 (1.6%) | 0 (0%) |  |
| KIP | 1 (1.6%) | 0 (0%) |  |
| KLB | 1 (1.6%) | 0 (0%) |  |
| KMM | 1 (1.6%) | 0 (0%) |  |
| KOAN | 0 (0%) | 1 (3.4%) |  |
| KOE | 1 (1.6%) | 0 (0%) |  |
| KOO | 1 (1.6%) | 0 (0%) |  |
| OAS | 1 (1.6%) | 1 (3.4%) |  |
| OJH | 0 (0%) | 1 (3.4%) |  |
| OMT | 1 (1.6%) | 0 (0%) |  |
| OOJ | 1 (1.6%) | 0 (0%) |  |
| OOL | 1 (1.6%) | 0 (0%) |  |
| OOM | 0 (0%) | 1 (3.4%) |  |
| OOO | 1 (1.6%) | 0 (0%) |  |
| GENDER |  |  | 0.8 |
| Female | 46 (73%) | 22 (76%) |  |
| Male | 17 (27%) | 7 (24%) |  |
| molar.rel |  |  | 0.4 |
| Angle Class I | 52 (83%) | 21 (72%) |  |
| Angle Class II | 3 (4.8%) | 3 (10%) |  |
| Angle Class II - Subdivision Left | 3 (4.8%) | 1 (3.4%) |  |
| Angle Class II - Subdivision Right | 0 (0%) | 1 (3.4%) |  |
| Angle Class II Division I | 1 (1.6%) | 1 (3.4%) |  |
| Angle Class III | 2 (3.2%) | 1 (3.4%) |  |
| Angle Class III - Subdivision Left | 0 (0%) | 1 (3.4%) |  |
| Angle Class III - Subdivision Right | 2 (3.2%) | 0 (0%) |  |
| uni.bilat |  |  | <0.001 |
| Bilateral impaction | 0 (0%) | 14 (48%) |  |
| No impaction | 63 (100%) | 0 (0%) |  |
| Unilateral impaction | 0 (0%) | 15 (52%) |  |
| TBR |  |  |  |
| Spacing | 63 (100%) | 29 (100%) |  |
| degree |  |  | 0.8 |
| Mild | 16 (25%) | 9 (31%) |  |
| Moderate | 23 (37%) | 11 (38%) |  |
| Normal | 1 (1.6%) | 0 (0%) |  |
| Severe | 23 (37%) | 9 (31%) |  |
| winter |  |  | <0.001 |
| Disto-Angular | 0 (0%) | 4 (14%) |  |
| Horizontal | 0 (0%) | 5 (17%) |  |
| Mesio-Angular | 0 (0%) | 18 (62%) |  |
| No Impaction | 63 (100%) | 0 (0%) |  |
| Vertical | 0 (0%) | 2 (6.9%) |  |
| 1Median (IQR); n (%) | | | |
| 2Wilcoxon rank sum test; Fisher's exact test; Pearson'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** | **N = 181**1 |
| --- | --- |
| winter |  |
| Disto-Angular | 9 (5.0%) |
| Horizontal | 7 (3.9%) |
| Mesio-Angular | 49 (27%) |
| No Impaction | 106 (59%) |
| Transverse | 1 (0.6%) |
| Vertical | 9 (5.0%) |
| 1n (%) | |

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## To suppress this message, include `message = FALSE` in the code chunk header.

| **Characteristic** | **NO**, N = 341 | **YES**, N = 381 | **p-value**2 |
| --- | --- | --- | --- |
| degree |  |  | 0.001 |
| Mild | 26 (76%) | 14 (37%) |  |
| Moderate | 7 (21%) | 13 (34%) |  |
| Severe | 1 (2.9%) | 11 (29%) |  |
| 1n (%) | | | |
| 2Pearson's Chi-squared test | | | |

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## To suppress this message, include `message = FALSE` in the code chunk header.

| **Characteristic** | **NO**, N = 631 | **YES**, N = 291 | **p-value**2 |
| --- | --- | --- | --- |
| degree |  |  | 0.8 |
| Mild | 16 (25%) | 9 (31%) |  |
| Moderate | 23 (37%) | 11 (38%) |  |
| Normal | 1 (1.6%) | 0 (0%) |  |
| Severe | 23 (37%) | 9 (31%) |  |
| 1n (%) | | | |
| 2Fisher's exact test | | | |

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## To suppress this message, include `message = FALSE` in the code chunk header.

| **Characteristic** | **Crowding**, N = 721 | **Normal**, N = 171 | **Spacing**, N = 921 | **p-value**2 |
| --- | --- | --- | --- | --- |
| winter |  |  |  | 0.083 |
| Disto-Angular | 5 (6.9%) | 0 (0%) | 4 (4.3%) |  |
| Horizontal | 2 (2.8%) | 0 (0%) | 5 (5.4%) |  |
| Mesio-Angular | 25 (35%) | 6 (35%) | 18 (20%) |  |
| No Impaction | 34 (47%) | 9 (53%) | 63 (68%) |  |
| Transverse | 1 (1.4%) | 0 (0%) | 0 (0%) |  |
| Vertical | 5 (6.9%) | 2 (12%) | 2 (2.2%) |  |
| 1n (%) | | | | |
| 2Fisher's exact test | | | | |

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## https://www.danieldsjoberg.com/gtsummary/articles/rmarkdown.html  
## To suppress this message, include `message = FALSE` in the code chunk header.

| **Characteristic** | **Mild**, N = 401 | **Moderate**, N = 201 | **Severe**, N = 121 | **p-value**2 |
| --- | --- | --- | --- | --- |
| winter |  |  |  | <0.001 |
| Disto-Angular | 0 (0%) | 1 (5.0%) | 4 (33%) |  |
| Horizontal | 0 (0%) | 1 (5.0%) | 1 (8.3%) |  |
| Mesio-Angular | 10 (25%) | 10 (50%) | 5 (42%) |  |
| No Impaction | 26 (65%) | 7 (35%) | 1 (8.3%) |  |
| Transverse | 0 (0%) | 1 (5.0%) | 0 (0%) |  |
| Vertical | 4 (10%) | 0 (0%) | 1 (8.3%) |  |
| 1n (%) | | | | |
| 2Fisher's exact test | | | | |

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| **Characteristic** | **Mild**, N = 251 | **Moderate**, N = 341 | **Normal**, N = 11 | **Severe**, N = 321 | **p-value**2 |
| --- | --- | --- | --- | --- | --- |
| winter |  |  |  |  | 0.4 |
| Disto-Angular | 0 (0%) | 3 (8.8%) | 0 (0%) | 1 (3.1%) |  |
| Horizontal | 3 (12%) | 2 (5.9%) | 0 (0%) | 0 (0%) |  |
| Mesio-Angular | 6 (24%) | 6 (18%) | 0 (0%) | 6 (19%) |  |
| No Impaction | 16 (64%) | 23 (68%) | 1 (100%) | 23 (72%) |  |
| Vertical | 0 (0%) | 0 (0%) | 0 (0%) | 2 (6.3%) |  |
| 1n (%) | | | | | |
| 2Fisher's exact test | | | | | |