summary stats SA1

library(tidyverse)

## ── Attaching packages ─────────────────────────────────────── tidyverse 1.3.2 ──  
## ✔ ggplot2 3.3.6 ✔ purrr 0.3.4  
## ✔ tibble 3.1.8 ✔ dplyr 1.0.9  
## ✔ tidyr 1.2.0 ✔ stringr 1.4.0  
## ✔ readr 2.1.2 ✔ forcats 0.5.1  
## ── Conflicts ────────────────────────────────────────── tidyverse\_conflicts() ──  
## ✖ dplyr::filter() masks stats::filter()  
## ✖ dplyr::lag() masks stats::lag()

library(flextable)

##   
## Attaching package: 'flextable'  
##   
## The following object is masked from 'package:purrr':  
##   
## compose

library(readxl)

#times new roman tables  
my\_ft\_theme <- function(ft, ...) {  
 # Remove vertical cell padding  
 ft <- padding(ft, padding.top = 0, padding.bottom = 0, part = "all")  
   
 # Change font to TNR 11  
 ft <- font(ft, fontname = "Times New Roman", part = "all")  
 ft <- fontsize(ft, part = "all", size = 12)  
 ft  
}

headscan\_full<-read\_excel("C:\\Users\\19177\\OneDrive - Colostate\\Desktop\\Dissertation\\headscan\_dissertation\\headscan\_full.xlsx")

#HTML Table format   
#AACrace\_sumstats %>%   
 #kbl(caption = "Alare to Alare Contour SumStats by Race/Ethnicity") %>%   
 #kable\_styling(bootstrap\_options = c("striped", "hover", "condensed"), full\_width = TRUE)

#exploring NA values for measurements  
measureNAsums <- colSums(is.na(headscan\_full))  
  
measureNAprops <- colMeans(is.na(headscan\_full))  
  
measureNAprops1 <- as.data.frame(measureNAprops)  
measureNAprops1 <- rownames\_to\_column(measureNAprops1, "measure\_name")  
measureNAprops1 <- measureNAprops1 %>% slice(-c(1, 29:33))  
  
measureNAsums1 <- as.data.frame(measureNAsums)  
measureNAsums1 <- rownames\_to\_column(measureNAsums1, "measure\_name")  
measureNAsums1 <- measureNAsums1 %>% slice(-c(1, 29:33))  
  
measureNAs <- inner\_join(measureNAprops1, measureNAsums1, by = "measure\_name")  
  
#Size 12 Table TNR  
flextable(measureNAs) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("NA values for each Measurement Location") %>%   
 set\_header\_labels(values = list(measure\_name = "Measurement Location",  
 measureNAprops = "Proportion of NA values",  
 measureNAsums = "Count of NA values"))

**Table** : NA values for each Measurement Location

| **Measurement Location** | **Proportion of NA values** | **Count of NA values** |
| --- | --- | --- |
| AA\_C | 0.2126921 | 429 |
| BGl\_C | 0.4229053 | 853 |
| BiW\_C | 0.2126921 | 429 |
| BiW\_L | 0.2126921 | 429 |
| ChCh\_C | 0.2206247 | 445 |
| GoSub\_C | 0.2558255 | 516 |
| NRB\_L | 0.2117005 | 427 |
| ProA\_L | 0.2121963 | 428 |
| ProA\_C | 0.2121963 | 428 |
| ProS\_C | 0.2196331 | 443 |
| ProS\_L | 0.2136837 | 431 |
| SelP\_C | 0.2117005 | 427 |
| SelP\_L | 0.2117005 | 427 |
| SelDH\_C | 0.2112048 | 426 |
| SelM\_L | 0.2915221 | 588 |
| SnasM\_C | 0.2964799 | 598 |
| SmanM\_C | 0.3182945 | 642 |
| SmanM\_L | 0.2989588 | 603 |
| SnasM\_L | 0.2920178 | 589 |
| TrHO\_C | 0.3321765 | 670 |
| TrEJ\_C | 0.2186415 | 441 |
| TrGo\_C | 0.2340109 | 472 |
| TrSel\_C | 0.2176500 | 439 |
| TrSman\_C | 0.2617749 | 528 |
| TrSnas\_C | 0.2374814 | 479 |
| TrTr\_C | 0.2211205 | 446 |
| TrTr\_L | 0.2191373 | 442 |

AA\_C race/eth, gender, age group sumstats

#AA\_C race/eth sumstats  
AA\_Crace\_sumstats <- headscan\_full %>%   
 group\_by(race\_eth) %>%   
 summarise(n = n(),  
 min = min(AA\_C, na.rm = TRUE),  
 max = max(AA\_C, na.rm = TRUE),  
 mean = mean(AA\_C, na.rm = TRUE),  
 sd = sd(AA\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(AA\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(AA\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(AA\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(AA\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(AA\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(AA\_C)))   
  
AA\_Crace\_sumstats <- AA\_Crace\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(AA\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Alare to Alare Contour SumStats by Race/Ethnicity")

**Table** : Alare to Alare Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 5.2 | 6.9 | 6.20 | 0.66 | 0.23 | 5.38 | 6.10 | 6.1 | 6.70 | 6.86 | 3 |
| Asian | 91 | 5.0 | 7.7 | 5.87 | 0.68 | 0.07 | 5.00 | 5.30 | 5.7 | 6.25 | 7.13 | 16 |
| Black | 548 | 4.7 | 8.3 | 6.14 | 0.61 | 0.03 | 5.20 | 5.70 | 6.1 | 6.50 | 7.20 | 123 |
| LatinX | 100 | 4.7 | 7.5 | 6.08 | 0.62 | 0.06 | 5.15 | 5.60 | 6.0 | 6.40 | 7.20 | 29 |
| NHOPI | 4 | 5.6 | 6.5 | 6.07 | 0.45 | 0.23 | 5.65 | 5.85 | 6.1 | 6.30 | 6.46 | 1 |
| Other | 21 | 4.5 | 7.3 | 6.10 | 0.63 | 0.14 | 4.97 | 6.00 | 6.2 | 6.30 | 6.82 | 1 |
| PTNS | 5 | 6.0 | 6.7 | 6.22 | 0.32 | 0.14 | 6.02 | 6.07 | 6.1 | 6.25 | 6.61 | 1 |
| white | 1,240 | 4.6 | 8.3 | 6.09 | 0.60 | 0.02 | 5.20 | 5.60 | 6.0 | 6.50 | 7.10 | 255 |

#%>% set\_header\_labels(values = list(AA\_C = "Alare/AlareCont"))  
  
#Autofit Width Table TNR  
flextable(AA\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Alare to Alare Contour SumStats by Race/Ethnicity") %>%   
 fit\_to\_width(7.5)

**Table** : Alare to Alare Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 5.2 | 6.9 | 6.20 | 0.66 | 0.23 | 5.38 | 6.10 | 6.1 | 6.70 | 6.86 | 3 |
| Asian | 91 | 5.0 | 7.7 | 5.87 | 0.68 | 0.07 | 5.00 | 5.30 | 5.7 | 6.25 | 7.13 | 16 |
| Black | 548 | 4.7 | 8.3 | 6.14 | 0.61 | 0.03 | 5.20 | 5.70 | 6.1 | 6.50 | 7.20 | 123 |
| LatinX | 100 | 4.7 | 7.5 | 6.08 | 0.62 | 0.06 | 5.15 | 5.60 | 6.0 | 6.40 | 7.20 | 29 |
| NHOPI | 4 | 5.6 | 6.5 | 6.07 | 0.45 | 0.23 | 5.65 | 5.85 | 6.1 | 6.30 | 6.46 | 1 |
| Other | 21 | 4.5 | 7.3 | 6.10 | 0.63 | 0.14 | 4.97 | 6.00 | 6.2 | 6.30 | 6.82 | 1 |
| PTNS | 5 | 6.0 | 6.7 | 6.22 | 0.32 | 0.14 | 6.02 | 6.07 | 6.1 | 6.25 | 6.61 | 1 |
| white | 1,240 | 4.6 | 8.3 | 6.09 | 0.60 | 0.02 | 5.20 | 5.60 | 6.0 | 6.50 | 7.10 | 255 |

#%>% set\_header\_labels(values = list(AA\_C = "Alare/AlareCont"))

#AA\_C gender sumstats  
AA\_Cgender\_sumstats <- headscan\_full %>%   
 group\_by(gender) %>%   
 summarise(n = n(),  
 min = min(AA\_C, na.rm = TRUE),  
 max = max(AA\_C, na.rm = TRUE),  
 mean = mean(AA\_C, na.rm = TRUE),  
 sd = sd(AA\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(AA\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(AA\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(AA\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(AA\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(AA\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(AA\_C)))  
  
AA\_Cgender\_sumstats <- AA\_Cgender\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(AA\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Alare to Alare Contour SumStats by Gender")

**Table** : Alare to Alare Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 4.5 | 7.7 | 5.80 | 0.49 | 0.01 | 5.00 | 5.50 | 5.8 | 6.10 | 6.60 | 220 |
| Male | 939 | 5.0 | 8.3 | 6.44 | 0.56 | 0.02 | 5.60 | 6.00 | 6.4 | 6.80 | 7.40 | 206 |
| Non-binary or Other | 5 | 5.2 | 6.8 | 6.00 | 1.13 | 0.51 | 5.28 | 5.60 | 6.0 | 6.40 | 6.72 | 3 |
| Prefer not to say | 1 | 6.1 | 6.1 | 6.10 |  |  | 6.10 | 6.10 | 6.1 | 6.10 | 6.10 | 0 |
|  | 8 | 5.3 | 6.6 | 5.86 | 0.43 | 0.15 | 5.37 | 5.57 | 5.8 | 6.08 | 6.49 | 0 |

#%>% set\_header\_labels(values = list(AA\_C = "Alare/AlareCont"))  
  
#Autofit Width Table TNR  
flextable(AA\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Alare to Alare Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Alare to Alare Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 4.5 | 7.7 | 5.80 | 0.49 | 0.01 | 5.00 | 5.50 | 5.8 | 6.10 | 6.60 | 220 |
| Male | 939 | 5.0 | 8.3 | 6.44 | 0.56 | 0.02 | 5.60 | 6.00 | 6.4 | 6.80 | 7.40 | 206 |
| Non-binary or Other | 5 | 5.2 | 6.8 | 6.00 | 1.13 | 0.51 | 5.28 | 5.60 | 6.0 | 6.40 | 6.72 | 3 |
| Prefer not to say | 1 | 6.1 | 6.1 | 6.10 |  |  | 6.10 | 6.10 | 6.1 | 6.10 | 6.10 | 0 |
|  | 8 | 5.3 | 6.6 | 5.86 | 0.43 | 0.15 | 5.37 | 5.57 | 5.8 | 6.08 | 6.49 | 0 |

#%>% set\_header\_labels(values = list(AA\_C = "Alare/AlareCont"))

#AA\_C age group sumstats  
AA\_Cage\_sumstats <- headscan\_full %>%   
 group\_by(age\_group) %>%   
 summarise(n = n(),  
 min = min(AA\_C, na.rm = TRUE),  
 max = max(AA\_C, na.rm = TRUE),  
 mean = mean(AA\_C, na.rm = TRUE),  
 sd = sd(AA\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(AA\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(AA\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(AA\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(AA\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(AA\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(AA\_C)))  
  
AA\_Cage\_sumstats <- AA\_Cage\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(AA\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Alare to Alare Contour SumStats by Gender")

**Table** : Alare to Alare Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 4.6 | 8.3 | 6.01 | 0.58 | 0.02 | 5.1 | 5.6 | 6.0 | 6.4 | 7.0 | 186 |
| 37-54 | 940 | 4.5 | 8.1 | 6.18 | 0.63 | 0.02 | 5.2 | 5.7 | 6.1 | 6.6 | 7.2 | 220 |
| 55-72 | 84 | 5.0 | 7.5 | 6.25 | 0.60 | 0.06 | 5.3 | 5.8 | 6.2 | 6.7 | 7.2 | 23 |
|  | 1 | 6.4 | 6.4 | 6.40 |  |  | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 0 |

#%>% set\_header\_labels(values = list(AA\_C = "Alare/AlareCont"))  
  
#Autofit Width Table TNR  
flextable(AA\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Alare to Alare Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Alare to Alare Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 4.6 | 8.3 | 6.01 | 0.58 | 0.02 | 5.1 | 5.6 | 6.0 | 6.4 | 7.0 | 186 |
| 37-54 | 940 | 4.5 | 8.1 | 6.18 | 0.63 | 0.02 | 5.2 | 5.7 | 6.1 | 6.6 | 7.2 | 220 |
| 55-72 | 84 | 5.0 | 7.5 | 6.25 | 0.60 | 0.06 | 5.3 | 5.8 | 6.2 | 6.7 | 7.2 | 23 |
|  | 1 | 6.4 | 6.4 | 6.40 |  |  | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 0 |

#%>% set\_header\_labels(values = list(AA\_C = "Alare/AlareCont"))

BGl\_C race/eth, gender, age group sumstats

#BGl\_C race/eth sumstats  
BGl\_Crace\_sumstats <- headscan\_full %>%   
 group\_by(race\_eth) %>%   
 summarise(n = n(),  
 min = min(BGl\_C, na.rm = TRUE),  
 max = max(BGl\_C, na.rm = TRUE),  
 mean = mean(BGl\_C, na.rm = TRUE),  
 sd = sd(BGl\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(BGl\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(BGl\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(BGl\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(BGl\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(BGl\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(BGl\_C)))   
  
BGl\_Crace\_sumstats <- BGl\_Crace\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(BGl\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Back of Head to Glabella Contour SumStats by Race/Ethnicity")

**Table** : Back of Head to Glabella Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 28.4 | 29.5 | 29.07 | 0.59 | 0.21 | 28.49 | 28.85 | 29.3 | 29.40 | 29.48 | 5 |
| Asian | 91 | 25.0 | 32.0 | 28.70 | 1.46 | 0.15 | 26.68 | 27.60 | 28.9 | 29.70 | 30.81 | 32 |
| Black | 548 | 24.3 | 33.3 | 29.81 | 1.49 | 0.06 | 27.40 | 28.65 | 29.8 | 30.85 | 32.30 | 281 |
| LatinX | 100 | 26.4 | 33.1 | 29.31 | 1.47 | 0.15 | 26.90 | 28.25 | 29.2 | 30.15 | 31.73 | 45 |
| NHOPI | 4 | 29.6 | 30.7 | 30.27 | 0.59 | 0.29 | 29.69 | 30.05 | 30.5 | 30.60 | 30.68 | 1 |
| Other | 21 | 21.5 | 33.4 | 28.96 | 2.75 | 0.60 | 25.01 | 28.22 | 29.1 | 30.32 | 32.49 | 7 |
| PTNS | 5 | 29.4 | 29.4 | 29.40 |  |  | 29.40 | 29.40 | 29.4 | 29.40 | 29.40 | 4 |
| white | 1,240 | 21.6 | 33.3 | 29.26 | 1.47 | 0.04 | 27.00 | 28.30 | 29.3 | 30.30 | 31.60 | 478 |

#%>% set\_header\_labels(values = list(BGl\_C = "Alare/AlareCont"))  
  
#Autofit Width Table TNR  
flextable(BGl\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Back of Head to Glabella Contour SumStats by Race/Ethnicity") %>%   
 fit\_to\_width(7.5)

**Table** : Back of Head to Glabella Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 28.4 | 29.5 | 29.07 | 0.59 | 0.21 | 28.49 | 28.85 | 29.3 | 29.40 | 29.48 | 5 |
| Asian | 91 | 25.0 | 32.0 | 28.70 | 1.46 | 0.15 | 26.68 | 27.60 | 28.9 | 29.70 | 30.81 | 32 |
| Black | 548 | 24.3 | 33.3 | 29.81 | 1.49 | 0.06 | 27.40 | 28.65 | 29.8 | 30.85 | 32.30 | 281 |
| LatinX | 100 | 26.4 | 33.1 | 29.31 | 1.47 | 0.15 | 26.90 | 28.25 | 29.2 | 30.15 | 31.73 | 45 |
| NHOPI | 4 | 29.6 | 30.7 | 30.27 | 0.59 | 0.29 | 29.69 | 30.05 | 30.5 | 30.60 | 30.68 | 1 |
| Other | 21 | 21.5 | 33.4 | 28.96 | 2.75 | 0.60 | 25.01 | 28.22 | 29.1 | 30.32 | 32.49 | 7 |
| PTNS | 5 | 29.4 | 29.4 | 29.40 |  |  | 29.40 | 29.40 | 29.4 | 29.40 | 29.40 | 4 |
| white | 1,240 | 21.6 | 33.3 | 29.26 | 1.47 | 0.04 | 27.00 | 28.30 | 29.3 | 30.30 | 31.60 | 478 |

#%>% set\_header\_labels(values = list(BGl\_C = "Alare/AlareCont"))

#BGl\_C gender sumstats  
BGl\_Cgender\_sumstats <- headscan\_full %>%   
 group\_by(gender) %>%   
 summarise(n = n(),  
 min = min(BGl\_C, na.rm = TRUE),  
 max = max(BGl\_C, na.rm = TRUE),  
 mean = mean(BGl\_C, na.rm = TRUE),  
 sd = sd(BGl\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(BGl\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(BGl\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(BGl\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(BGl\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(BGl\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(BGl\_C)))

## Warning in min(BGl\_C, na.rm = TRUE): no non-missing arguments to min; returning  
## Inf

## Warning in max(BGl\_C, na.rm = TRUE): no non-missing arguments to max; returning  
## -Inf

BGl\_Cgender\_sumstats <- BGl\_Cgender\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
#Size 12 Table TNR  
flextable(BGl\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Back of Head to Glabella Contour SumStats by Gender")

**Table** : Back of Head to Glabella Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 24.2 | 33.2 | 28.64 | 1.37 | 0.04 | 26.56 | 27.80 | 28.6 | 29.50 | 31.00 | 591 |
| Male | 939 | 21.5 | 33.4 | 29.86 | 1.40 | 0.05 | 27.60 | 28.90 | 29.9 | 30.80 | 32.00 | 254 |
| Non-binary or Other | 5 | 27.3 | 28.7 | 28.00 | 0.99 | 0.44 | 27.37 | 27.65 | 28.0 | 28.35 | 28.63 | 3 |
| Prefer not to say | 1 | Inf | -Inf |  |  |  |  |  |  |  |  | 1 |
|  | 8 | 26.9 | 28.1 | 27.55 | 0.59 | 0.21 | 26.94 | 27.12 | 27.6 | 28.02 | 28.09 | 4 |

#%>% set\_header\_labels(values = list(BGl\_C = "Alare/AlareCont"))  
  
#Autofit Width Table TNR  
flextable(BGl\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Back of Head to Glabella Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Back of Head to Glabella Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 24.2 | 33.2 | 28.64 | 1.37 | 0.04 | 26.56 | 27.80 | 28.6 | 29.50 | 31.00 | 591 |
| Male | 939 | 21.5 | 33.4 | 29.86 | 1.40 | 0.05 | 27.60 | 28.90 | 29.9 | 30.80 | 32.00 | 254 |
| Non-binary or Other | 5 | 27.3 | 28.7 | 28.00 | 0.99 | 0.44 | 27.37 | 27.65 | 28.0 | 28.35 | 28.63 | 3 |
| Prefer not to say | 1 | Inf | -Inf |  |  |  |  |  |  |  |  | 1 |
|  | 8 | 26.9 | 28.1 | 27.55 | 0.59 | 0.21 | 26.94 | 27.12 | 27.6 | 28.02 | 28.09 | 4 |

#%>% set\_header\_labels(values = list(BGl\_C = "Alare/AlareCont"))

#BGl\_C age group sumstats  
BGl\_Cage\_sumstats <- headscan\_full %>%   
 group\_by(age\_group) %>%   
 summarise(n = n(),  
 min = min(BGl\_C, na.rm = TRUE),  
 max = max(BGl\_C, na.rm = TRUE),  
 mean = mean(BGl\_C, na.rm = TRUE),  
 sd = sd(BGl\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(BGl\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(BGl\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(BGl\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(BGl\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(BGl\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(BGl\_C)))  
  
BGl\_Cage\_sumstats <- BGl\_Cage\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(BGl\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Back of Head to Glabella Contour SumStats by Gender")

**Table** : Back of Head to Glabella Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 21.5 | 33.4 | 29.40 | 1.54 | 0.05 | 27.10 | 28.4 | 29.4 | 30.50 | 31.90 | 411 |
| 37-54 | 940 | 24.3 | 33.3 | 29.28 | 1.48 | 0.05 | 27.00 | 28.3 | 29.3 | 30.30 | 31.75 | 409 |
| 55-72 | 84 | 24.2 | 33.0 | 29.55 | 1.54 | 0.17 | 27.65 | 28.6 | 29.5 | 30.55 | 31.75 | 33 |
|  | 1 | 29.9 | 29.9 | 29.90 |  |  | 29.90 | 29.9 | 29.9 | 29.90 | 29.90 | 0 |

#%>% set\_header\_labels(values = list(BGl\_C = "Alare/AlareCont"))  
  
#Autofit Width Table TNR  
flextable(BGl\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Back of Head to Glabella Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Back of Head to Glabella Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 21.5 | 33.4 | 29.40 | 1.54 | 0.05 | 27.10 | 28.4 | 29.4 | 30.50 | 31.90 | 411 |
| 37-54 | 940 | 24.3 | 33.3 | 29.28 | 1.48 | 0.05 | 27.00 | 28.3 | 29.3 | 30.30 | 31.75 | 409 |
| 55-72 | 84 | 24.2 | 33.0 | 29.55 | 1.54 | 0.17 | 27.65 | 28.6 | 29.5 | 30.55 | 31.75 | 33 |
|  | 1 | 29.9 | 29.9 | 29.90 |  |  | 29.90 | 29.9 | 29.9 | 29.90 | 29.90 | 0 |

#%>% set\_header\_labels(values = list(BGl\_C = "Alare/AlareCont"))

BiW\_L

#BiW\_L race/eth sumstats  
BiW\_Lrace\_sumstats <- headscan\_full %>%   
 group\_by(race\_eth) %>%   
 summarise(n = n(),  
 min = min(BiW\_L, na.rm = TRUE),  
 max = max(BiW\_L, na.rm = TRUE),  
 mean = mean(BiW\_L, na.rm = TRUE),  
 sd = sd(BiW\_L, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(BiW\_L, 0.05, na.rm=TRUE),  
 percent25th = quantile(BiW\_L, 0.25, na.rm=TRUE),  
 percent50th = quantile(BiW\_L, 0.50, na.rm=TRUE),  
 percent75th = quantile(BiW\_L, 0.75, na.rm=TRUE),  
 percent95th = quantile(BiW\_L, 0.95, na.rm=TRUE),  
 na = sum(is.na(BiW\_L)))   
  
BiW\_Lrace\_sumstats <- BiW\_Lrace\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(BiW\_Lrace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Bizygomatic Width Linear SumStats by Race/Ethnicity")

**Table** : Bizygomatic Width Linear SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 10.1 | 11.7 | 10.76 | 0.59 | 0.21 | 10.20 | 10.60 | 10.6 | 10.8 | 11.52 | 3 |
| Asian | 91 | 9.2 | 13.2 | 11.01 | 0.85 | 0.09 | 9.40 | 10.53 | 11.0 | 11.5 | 12.37 | 17 |
| Black | 548 | 9.2 | 14.5 | 11.40 | 0.84 | 0.04 | 10.10 | 10.80 | 11.3 | 11.9 | 12.98 | 123 |
| LatinX | 100 | 9.9 | 12.9 | 11.12 | 0.77 | 0.08 | 10.10 | 10.50 | 11.0 | 11.7 | 12.50 | 29 |
| NHOPI | 4 | 11.6 | 12.2 | 11.87 | 0.31 | 0.15 | 11.62 | 11.70 | 11.8 | 12.0 | 12.16 | 1 |
| Other | 21 | 9.7 | 12.9 | 10.75 | 0.92 | 0.20 | 9.70 | 9.80 | 10.8 | 11.3 | 12.61 | 1 |
| PTNS | 5 | 10.2 | 12.5 | 11.12 | 1.03 | 0.46 | 10.24 | 10.43 | 10.9 | 11.6 | 12.32 | 1 |
| white | 1,240 | 8.4 | 13.9 | 10.90 | 0.82 | 0.02 | 9.60 | 10.30 | 10.8 | 11.4 | 12.30 | 254 |

#%>% set\_header\_labels(values = list(BiW\_L = "Alare/AlareCont"))  
  
#Autofit Width Table TNR  
flextable(BiW\_Lrace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Bizygomatic Width Linear SumStats by Race/Ethnicity") %>%   
 fit\_to\_width(7.5)

**Table** : Bizygomatic Width Linear SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 10.1 | 11.7 | 10.76 | 0.59 | 0.21 | 10.20 | 10.60 | 10.6 | 10.8 | 11.52 | 3 |
| Asian | 91 | 9.2 | 13.2 | 11.01 | 0.85 | 0.09 | 9.40 | 10.53 | 11.0 | 11.5 | 12.37 | 17 |
| Black | 548 | 9.2 | 14.5 | 11.40 | 0.84 | 0.04 | 10.10 | 10.80 | 11.3 | 11.9 | 12.98 | 123 |
| LatinX | 100 | 9.9 | 12.9 | 11.12 | 0.77 | 0.08 | 10.10 | 10.50 | 11.0 | 11.7 | 12.50 | 29 |
| NHOPI | 4 | 11.6 | 12.2 | 11.87 | 0.31 | 0.15 | 11.62 | 11.70 | 11.8 | 12.0 | 12.16 | 1 |
| Other | 21 | 9.7 | 12.9 | 10.75 | 0.92 | 0.20 | 9.70 | 9.80 | 10.8 | 11.3 | 12.61 | 1 |
| PTNS | 5 | 10.2 | 12.5 | 11.12 | 1.03 | 0.46 | 10.24 | 10.43 | 10.9 | 11.6 | 12.32 | 1 |
| white | 1,240 | 8.4 | 13.9 | 10.90 | 0.82 | 0.02 | 9.60 | 10.30 | 10.8 | 11.4 | 12.30 | 254 |

#%>% set\_header\_labels(values = list(BiW\_L = "Alare/AlareCont"))

#BiW\_L gender sumstats  
BiW\_Lgender\_sumstats <- headscan\_full %>%   
 group\_by(gender) %>%   
 summarise(n = n(),  
 min = min(BiW\_L, na.rm = TRUE),  
 max = max(BiW\_L, na.rm = TRUE),  
 mean = mean(BiW\_L, na.rm = TRUE),  
 sd = sd(BiW\_L, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(BiW\_L, 0.05, na.rm=TRUE),  
 percent25th = quantile(BiW\_L, 0.25, na.rm=TRUE),  
 percent50th = quantile(BiW\_L, 0.50, na.rm=TRUE),  
 percent75th = quantile(BiW\_L, 0.75, na.rm=TRUE),  
 percent95th = quantile(BiW\_L, 0.95, na.rm=TRUE),  
 na = sum(is.na(BiW\_L)))  
  
BiW\_Lgender\_sumstats <- BiW\_Lgender\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
#Size 12 Table TNR  
flextable(BiW\_Lgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Bizygomatic Width Linear SumStats by Gender")

**Table** : Bizygomatic Width Linear SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 8.4 | 13.6 | 10.85 | 0.85 | 0.03 | 9.50 | 10.2 | 10.8 | 11.40 | 12.30 | 220 |
| Male | 939 | 8.6 | 14.5 | 11.28 | 0.79 | 0.03 | 10.10 | 10.7 | 11.2 | 11.70 | 12.80 | 206 |
| Non-binary or Other | 5 | 9.9 | 10.7 | 10.30 | 0.57 | 0.25 | 9.94 | 10.1 | 10.3 | 10.50 | 10.66 | 3 |
| Prefer not to say | 1 | 11.3 | 11.3 | 11.30 |  |  | 11.30 | 11.3 | 11.3 | 11.30 | 11.30 | 0 |
|  | 8 | 9.6 | 12.2 | 11.03 | 0.88 | 0.31 | 9.78 | 10.4 | 11.3 | 11.55 | 12.02 | 0 |

#%>% set\_header\_labels(values = list(BiW\_L = "Alare/AlareCont"))  
  
#Autofit Width Table TNR  
flextable(BiW\_Lgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Bizygomatic Width Linear SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Bizygomatic Width Linear SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 8.4 | 13.6 | 10.85 | 0.85 | 0.03 | 9.50 | 10.2 | 10.8 | 11.40 | 12.30 | 220 |
| Male | 939 | 8.6 | 14.5 | 11.28 | 0.79 | 0.03 | 10.10 | 10.7 | 11.2 | 11.70 | 12.80 | 206 |
| Non-binary or Other | 5 | 9.9 | 10.7 | 10.30 | 0.57 | 0.25 | 9.94 | 10.1 | 10.3 | 10.50 | 10.66 | 3 |
| Prefer not to say | 1 | 11.3 | 11.3 | 11.30 |  |  | 11.30 | 11.3 | 11.3 | 11.30 | 11.30 | 0 |
|  | 8 | 9.6 | 12.2 | 11.03 | 0.88 | 0.31 | 9.78 | 10.4 | 11.3 | 11.55 | 12.02 | 0 |

#%>% set\_header\_labels(values = list(BiW\_L = "Alare/AlareCont"))

#BiW\_L age group sumstats  
BiW\_Lage\_sumstats <- headscan\_full %>%   
 group\_by(age\_group) %>%   
 summarise(n = n(),  
 min = min(BiW\_L, na.rm = TRUE),  
 max = max(BiW\_L, na.rm = TRUE),  
 mean = mean(BiW\_L, na.rm = TRUE),  
 sd = sd(BiW\_L, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(BiW\_L, 0.05, na.rm=TRUE),  
 percent25th = quantile(BiW\_L, 0.25, na.rm=TRUE),  
 percent50th = quantile(BiW\_L, 0.50, na.rm=TRUE),  
 percent75th = quantile(BiW\_L, 0.75, na.rm=TRUE),  
 percent95th = quantile(BiW\_L, 0.95, na.rm=TRUE),  
 na = sum(is.na(BiW\_L)))  
  
BiW\_Lage\_sumstats <- BiW\_Lage\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(BiW\_Lage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Bizygomatic Width Linear SumStats by Gender")

**Table** : Bizygomatic Width Linear SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 8.4 | 14.5 | 11.09 | 0.86 | 0.03 | 9.83 | 10.50 | 11.0 | 11.6 | 12.60 | 186 |
| 37-54 | 940 | 8.6 | 14.3 | 11.01 | 0.84 | 0.03 | 9.70 | 10.50 | 11.0 | 11.6 | 12.30 | 219 |
| 55-72 | 84 | 9.3 | 13.4 | 11.00 | 0.82 | 0.09 | 9.90 | 10.45 | 11.0 | 11.4 | 12.12 | 24 |
|  | 1 | 10.3 | 10.3 | 10.30 |  |  | 10.30 | 10.30 | 10.3 | 10.3 | 10.30 | 0 |

#%>% set\_header\_labels(values = list(BiW\_L = "Alare/AlareCont"))  
  
#Autofit Width Table TNR  
flextable(BiW\_Lage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Bizygomatic Width Linear SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Bizygomatic Width Linear SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 8.4 | 14.5 | 11.09 | 0.86 | 0.03 | 9.83 | 10.50 | 11.0 | 11.6 | 12.60 | 186 |
| 37-54 | 940 | 8.6 | 14.3 | 11.01 | 0.84 | 0.03 | 9.70 | 10.50 | 11.0 | 11.6 | 12.30 | 219 |
| 55-72 | 84 | 9.3 | 13.4 | 11.00 | 0.82 | 0.09 | 9.90 | 10.45 | 11.0 | 11.4 | 12.12 | 24 |
|  | 1 | 10.3 | 10.3 | 10.30 |  |  | 10.30 | 10.30 | 10.3 | 10.3 | 10.30 | 0 |

#%>% set\_header\_labels(values = list(BiW\_L = "Alare/AlareCont"))

BiW\_C

#BiW\_C race/eth sumstats  
BiW\_Crace\_sumstats <- headscan\_full %>%   
 group\_by(race\_eth) %>%   
 summarise(n = n(),  
 min = min(BiW\_C, na.rm = TRUE),  
 max = max(BiW\_C, na.rm = TRUE),  
 mean = mean(BiW\_C, na.rm = TRUE),  
 sd = sd(BiW\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(BiW\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(BiW\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(BiW\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(BiW\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(BiW\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(BiW\_C)))   
  
BiW\_Crace\_sumstats <- BiW\_Crace\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(BiW\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Bizygomatic Width Contour SumStats by Race/Ethnicity")

**Table** : Bizygomatic Width Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 12.4 | 13.5 | 12.78 | 0.53 | 0.19 | 12.40 | 12.40 | 12.40 | 13.20 | 13.44 | 3 |
| Asian | 91 | 10.5 | 15.0 | 12.76 | 0.95 | 0.10 | 11.33 | 12.03 | 12.90 | 13.30 | 14.34 | 17 |
| Black | 548 | 10.9 | 17.2 | 13.35 | 1.10 | 0.05 | 11.80 | 12.60 | 13.30 | 13.90 | 15.40 | 123 |
| LatinX | 100 | 11.9 | 15.7 | 13.28 | 1.05 | 0.10 | 12.00 | 12.40 | 13.10 | 14.00 | 15.30 | 29 |
| NHOPI | 4 | 13.7 | 15.5 | 14.80 | 0.96 | 0.48 | 13.85 | 14.45 | 15.20 | 15.35 | 15.47 | 1 |
| Other | 21 | 11.4 | 15.6 | 13.00 | 1.18 | 0.26 | 11.59 | 11.95 | 12.95 | 13.57 | 15.03 | 1 |
| PTNS | 5 | 12.5 | 14.0 | 13.30 | 0.72 | 0.32 | 12.56 | 12.80 | 13.35 | 13.85 | 13.97 | 1 |
| white | 1,240 | 10.2 | 17.3 | 13.20 | 1.11 | 0.03 | 11.50 | 12.40 | 13.10 | 13.90 | 15.10 | 254 |

#%>% set\_header\_labels(values = list(BiW\_C = "Alare/AlareCont"))  
  
#Autofit Width Table TNR  
flextable(BiW\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Bizygomatic Width Contour SumStats by Race/Ethnicity") %>%   
 fit\_to\_width(7.5)

**Table** : Bizygomatic Width Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 12.4 | 13.5 | 12.78 | 0.53 | 0.19 | 12.40 | 12.40 | 12.40 | 13.20 | 13.44 | 3 |
| Asian | 91 | 10.5 | 15.0 | 12.76 | 0.95 | 0.10 | 11.33 | 12.03 | 12.90 | 13.30 | 14.34 | 17 |
| Black | 548 | 10.9 | 17.2 | 13.35 | 1.10 | 0.05 | 11.80 | 12.60 | 13.30 | 13.90 | 15.40 | 123 |
| LatinX | 100 | 11.9 | 15.7 | 13.28 | 1.05 | 0.10 | 12.00 | 12.40 | 13.10 | 14.00 | 15.30 | 29 |
| NHOPI | 4 | 13.7 | 15.5 | 14.80 | 0.96 | 0.48 | 13.85 | 14.45 | 15.20 | 15.35 | 15.47 | 1 |
| Other | 21 | 11.4 | 15.6 | 13.00 | 1.18 | 0.26 | 11.59 | 11.95 | 12.95 | 13.57 | 15.03 | 1 |
| PTNS | 5 | 12.5 | 14.0 | 13.30 | 0.72 | 0.32 | 12.56 | 12.80 | 13.35 | 13.85 | 13.97 | 1 |
| white | 1,240 | 10.2 | 17.3 | 13.20 | 1.11 | 0.03 | 11.50 | 12.40 | 13.10 | 13.90 | 15.10 | 254 |

#%>% set\_header\_labels(values = list(BiW\_C = "Alare/AlareCont"))

#BiW\_C gender sumstats  
BiW\_Cgender\_sumstats <- headscan\_full %>%   
 group\_by(gender) %>%   
 summarise(n = n(),  
 min = min(BiW\_C, na.rm = TRUE),  
 max = max(BiW\_C, na.rm = TRUE),  
 mean = mean(BiW\_C, na.rm = TRUE),  
 sd = sd(BiW\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(BiW\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(BiW\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(BiW\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(BiW\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(BiW\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(BiW\_C)))  
  
BiW\_Cgender\_sumstats <- BiW\_Cgender\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
#Size 12 Table TNR  
flextable(BiW\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Bizygomatic Width Contour SumStats by Gender")

**Table** : Bizygomatic Width Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 10.2 | 16.4 | 12.79 | 1.04 | 0.03 | 11.40 | 12.10 | 12.60 | 13.40 | 14.80 | 220 |
| Male | 939 | 11.1 | 17.3 | 13.72 | 0.96 | 0.03 | 12.40 | 13.10 | 13.60 | 14.20 | 15.60 | 206 |
| Non-binary or Other | 5 | 11.6 | 12.5 | 12.05 | 0.64 | 0.28 | 11.64 | 11.82 | 12.05 | 12.28 | 12.46 | 3 |
| Prefer not to say | 1 | 14.0 | 14.0 | 14.00 |  |  | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 | 0 |
|  | 8 | 11.0 | 15.1 | 13.03 | 1.48 | 0.52 | 11.28 | 11.88 | 13.00 | 13.80 | 15.07 | 0 |

#%>% set\_header\_labels(values = list(BiW\_C = "Alare/AlareCont"))  
  
#Autofit Width Table TNR  
flextable(BiW\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Bizygomatic Width Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Bizygomatic Width Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 10.2 | 16.4 | 12.79 | 1.04 | 0.03 | 11.40 | 12.10 | 12.60 | 13.40 | 14.80 | 220 |
| Male | 939 | 11.1 | 17.3 | 13.72 | 0.96 | 0.03 | 12.40 | 13.10 | 13.60 | 14.20 | 15.60 | 206 |
| Non-binary or Other | 5 | 11.6 | 12.5 | 12.05 | 0.64 | 0.28 | 11.64 | 11.82 | 12.05 | 12.28 | 12.46 | 3 |
| Prefer not to say | 1 | 14.0 | 14.0 | 14.00 |  |  | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 | 0 |
|  | 8 | 11.0 | 15.1 | 13.03 | 1.48 | 0.52 | 11.28 | 11.88 | 13.00 | 13.80 | 15.07 | 0 |

#%>% set\_header\_labels(values = list(BiW\_C = "Alare/AlareCont"))

#BiW\_C age group sumstats  
BiW\_Cage\_sumstats <- headscan\_full %>%   
 group\_by(age\_group) %>%   
 summarise(n = n(),  
 min = min(BiW\_C, na.rm = TRUE),  
 max = max(BiW\_C, na.rm = TRUE),  
 mean = mean(BiW\_C, na.rm = TRUE),  
 sd = sd(BiW\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(BiW\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(BiW\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(BiW\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(BiW\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(BiW\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(BiW\_C)))  
  
BiW\_Cage\_sumstats <- BiW\_Cage\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(BiW\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Bizygomatic Width Contour SumStats by Gender")

**Table** : Bizygomatic Width Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 10.2 | 17.3 | 13.25 | 1.12 | 0.04 | 11.60 | 12.50 | 13.20 | 13.88 | 15.20 | 186 |
| 37-54 | 940 | 10.4 | 17.2 | 13.18 | 1.10 | 0.04 | 11.50 | 12.40 | 13.10 | 13.90 | 15.10 | 219 |
| 55-72 | 84 | 11.0 | 16.4 | 13.31 | 1.14 | 0.12 | 11.59 | 12.47 | 13.35 | 13.93 | 15.41 | 24 |
|  | 1 | 12.4 | 12.4 | 12.40 |  |  | 12.40 | 12.40 | 12.40 | 12.40 | 12.40 | 0 |

#%>% set\_header\_labels(values = list(BiW\_C = "Alare/AlareCont"))  
  
#Autofit Width Table TNR  
flextable(BiW\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Bizygomatic Width Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Bizygomatic Width Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 10.2 | 17.3 | 13.25 | 1.12 | 0.04 | 11.60 | 12.50 | 13.20 | 13.88 | 15.20 | 186 |
| 37-54 | 940 | 10.4 | 17.2 | 13.18 | 1.10 | 0.04 | 11.50 | 12.40 | 13.10 | 13.90 | 15.10 | 219 |
| 55-72 | 84 | 11.0 | 16.4 | 13.31 | 1.14 | 0.12 | 11.59 | 12.47 | 13.35 | 13.93 | 15.41 | 24 |
|  | 1 | 12.4 | 12.4 | 12.40 |  |  | 12.40 | 12.40 | 12.40 | 12.40 | 12.40 | 0 |

#%>% set\_header\_labels(values = list(BiW\_C = "Alare/AlareCont"))

ChCh\_C

#ChCh\_C race/eth sumstats  
ChCh\_Crace\_sumstats <- headscan\_full %>%   
 group\_by(race\_eth) %>%   
 summarise(n = n(),  
 min = min(ChCh\_C, na.rm = TRUE),  
 max = max(ChCh\_C, na.rm = TRUE),  
 mean = mean(ChCh\_C, na.rm = TRUE),  
 sd = sd(ChCh\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(ChCh\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(ChCh\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(ChCh\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(ChCh\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(ChCh\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(ChCh\_C)))   
  
ChCh\_Crace\_sumstats <- ChCh\_Crace\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(ChCh\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Chellion Chellion Contour SumStats by Race/Ethnicity")

**Table** : Chellion Chellion Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 6.5 | 8.1 | 7.02 | 0.65 | 0.23 | 6.50 | 6.50 | 7.00 | 7.00 | 7.88 | 3 |
| Asian | 91 | 5.0 | 8.4 | 6.51 | 0.69 | 0.07 | 5.40 | 6.00 | 6.50 | 6.90 | 7.66 | 16 |
| Black | 548 | 5.1 | 9.7 | 7.13 | 0.71 | 0.03 | 6.00 | 6.70 | 7.10 | 7.60 | 8.30 | 124 |
| LatinX | 100 | 4.8 | 8.4 | 6.76 | 0.68 | 0.07 | 5.75 | 6.30 | 6.70 | 7.20 | 7.80 | 29 |
| NHOPI | 4 | 6.2 | 7.6 | 7.10 | 0.78 | 0.39 | 6.33 | 6.85 | 7.50 | 7.55 | 7.59 | 1 |
| Other | 21 | 5.6 | 8.4 | 6.74 | 0.67 | 0.15 | 5.89 | 6.38 | 6.65 | 7.03 | 7.83 | 1 |
| PTNS | 5 | 5.8 | 8.4 | 7.00 | 1.08 | 0.48 | 5.94 | 6.48 | 6.90 | 7.42 | 8.20 | 1 |
| white | 1,240 | 4.7 | 9.5 | 6.55 | 0.69 | 0.02 | 5.50 | 6.10 | 6.50 | 7.00 | 7.70 | 270 |

#%>% set\_header\_labels(values = list(ChCh\_C = "Alare/AlareCont"))  
  
#Autofit Width Table TNR  
flextable(ChCh\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Chellion Chellion Contour SumStats by Race/Ethnicity") %>%   
 fit\_to\_width(7.5)

**Table** : Chellion Chellion Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 6.5 | 8.1 | 7.02 | 0.65 | 0.23 | 6.50 | 6.50 | 7.00 | 7.00 | 7.88 | 3 |
| Asian | 91 | 5.0 | 8.4 | 6.51 | 0.69 | 0.07 | 5.40 | 6.00 | 6.50 | 6.90 | 7.66 | 16 |
| Black | 548 | 5.1 | 9.7 | 7.13 | 0.71 | 0.03 | 6.00 | 6.70 | 7.10 | 7.60 | 8.30 | 124 |
| LatinX | 100 | 4.8 | 8.4 | 6.76 | 0.68 | 0.07 | 5.75 | 6.30 | 6.70 | 7.20 | 7.80 | 29 |
| NHOPI | 4 | 6.2 | 7.6 | 7.10 | 0.78 | 0.39 | 6.33 | 6.85 | 7.50 | 7.55 | 7.59 | 1 |
| Other | 21 | 5.6 | 8.4 | 6.74 | 0.67 | 0.15 | 5.89 | 6.38 | 6.65 | 7.03 | 7.83 | 1 |
| PTNS | 5 | 5.8 | 8.4 | 7.00 | 1.08 | 0.48 | 5.94 | 6.48 | 6.90 | 7.42 | 8.20 | 1 |
| white | 1,240 | 4.7 | 9.5 | 6.55 | 0.69 | 0.02 | 5.50 | 6.10 | 6.50 | 7.00 | 7.70 | 270 |

#%>% set\_header\_labels(values = list(ChCh\_C = "Alare/AlareCont"))

#ChCh\_C gender sumstats  
ChCh\_Cgender\_sumstats <- headscan\_full %>%   
 group\_by(gender) %>%   
 summarise(n = n(),  
 min = min(ChCh\_C, na.rm = TRUE),  
 max = max(ChCh\_C, na.rm = TRUE),  
 mean = mean(ChCh\_C, na.rm = TRUE),  
 sd = sd(ChCh\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(ChCh\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(ChCh\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(ChCh\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(ChCh\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(ChCh\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(ChCh\_C)))  
  
ChCh\_Cgender\_sumstats <- ChCh\_Cgender\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
#Size 12 Table TNR  
flextable(ChCh\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Chellion Chellion Contour SumStats by Gender")

**Table** : Chellion Chellion Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 4.7 | 9.7 | 6.53 | 0.72 | 0.02 | 5.40 | 6.00 | 6.5 | 7.00 | 7.80 | 226 |
| Male | 939 | 4.8 | 9.5 | 6.95 | 0.70 | 0.02 | 5.80 | 6.50 | 6.9 | 7.40 | 8.10 | 216 |
| Non-binary or Other | 5 | 5.4 | 7.4 | 6.40 | 1.41 | 0.63 | 5.50 | 5.90 | 6.4 | 6.90 | 7.30 | 3 |
| Prefer not to say | 1 | 6.7 | 6.7 | 6.70 |  |  | 6.70 | 6.70 | 6.7 | 6.70 | 6.70 | 0 |
|  | 8 | 5.8 | 8.0 | 6.71 | 0.71 | 0.25 | 5.87 | 6.15 | 6.8 | 6.98 | 7.72 | 0 |

#%>% set\_header\_labels(values = list(ChCh\_C = "Alare/AlareCont"))  
  
#Autofit Width Table TNR  
flextable(ChCh\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Chellion Chellion Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Chellion Chellion Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 4.7 | 9.7 | 6.53 | 0.72 | 0.02 | 5.40 | 6.00 | 6.5 | 7.00 | 7.80 | 226 |
| Male | 939 | 4.8 | 9.5 | 6.95 | 0.70 | 0.02 | 5.80 | 6.50 | 6.9 | 7.40 | 8.10 | 216 |
| Non-binary or Other | 5 | 5.4 | 7.4 | 6.40 | 1.41 | 0.63 | 5.50 | 5.90 | 6.4 | 6.90 | 7.30 | 3 |
| Prefer not to say | 1 | 6.7 | 6.7 | 6.70 |  |  | 6.70 | 6.70 | 6.7 | 6.70 | 6.70 | 0 |
|  | 8 | 5.8 | 8.0 | 6.71 | 0.71 | 0.25 | 5.87 | 6.15 | 6.8 | 6.98 | 7.72 | 0 |

#%>% set\_header\_labels(values = list(ChCh\_C = "Alare/AlareCont"))

#ChCh\_C age group sumstats  
ChCh\_Cage\_sumstats <- headscan\_full %>%   
 group\_by(age\_group) %>%   
 summarise(n = n(),  
 min = min(ChCh\_C, na.rm = TRUE),  
 max = max(ChCh\_C, na.rm = TRUE),  
 mean = mean(ChCh\_C, na.rm = TRUE),  
 sd = sd(ChCh\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(ChCh\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(ChCh\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(ChCh\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(ChCh\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(ChCh\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(ChCh\_C)))  
  
ChCh\_Cage\_sumstats <- ChCh\_Cage\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(ChCh\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Chellion Chellion Contour SumStats by Gender")

**Table** : Chellion Chellion Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 4.7 | 8.5 | 6.60 | 0.69 | 0.02 | 5.5 | 6.10 | 6.6 | 7.0 | 7.8 | 193 |
| 37-54 | 940 | 4.8 | 9.7 | 6.84 | 0.77 | 0.03 | 5.6 | 6.30 | 6.8 | 7.4 | 8.1 | 228 |
| 55-72 | 84 | 5.4 | 8.4 | 6.93 | 0.77 | 0.08 | 5.7 | 6.38 | 7.0 | 7.5 | 8.2 | 24 |
|  | 1 | 7.5 | 7.5 | 7.50 |  |  | 7.5 | 7.50 | 7.5 | 7.5 | 7.5 | 0 |

#%>% set\_header\_labels(values = list(ChCh\_C = "Alare/AlareCont"))  
  
#Autofit Width Table TNR  
flextable(ChCh\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Chellion Chellion Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Chellion Chellion Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 4.7 | 8.5 | 6.60 | 0.69 | 0.02 | 5.5 | 6.10 | 6.6 | 7.0 | 7.8 | 193 |
| 37-54 | 940 | 4.8 | 9.7 | 6.84 | 0.77 | 0.03 | 5.6 | 6.30 | 6.8 | 7.4 | 8.1 | 228 |
| 55-72 | 84 | 5.4 | 8.4 | 6.93 | 0.77 | 0.08 | 5.7 | 6.38 | 7.0 | 7.5 | 8.2 | 24 |
|  | 1 | 7.5 | 7.5 | 7.50 |  |  | 7.5 | 7.50 | 7.5 | 7.5 | 7.5 | 0 |

#%>% set\_header\_labels(values = list(ChCh\_C = "Alare/AlareCont"))

GoSub\_C

#GoSub\_C race/eth sumstats  
GoSub\_Crace\_sumstats <- headscan\_full %>%   
 group\_by(race\_eth) %>%   
 summarise(n = n(),  
 min = min(GoSub\_C, na.rm = TRUE),  
 max = max(GoSub\_C, na.rm = TRUE),  
 mean = mean(GoSub\_C, na.rm = TRUE),  
 sd = sd(GoSub\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(GoSub\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(GoSub\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(GoSub\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(GoSub\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(GoSub\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(GoSub\_C)))   
  
GoSub\_Crace\_sumstats <- GoSub\_Crace\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(GoSub\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Gonion Submandibular Contour SumStats by Race/Ethnicity")

**Table** : Gonion Submandibular Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 7.1 | 11.1 | 9.06 | 1.61 | 0.57 | 7.24 | 7.80 | 9.40 | 9.90 | 10.86 | 3 |
| Asian | 91 | 7.1 | 13.7 | 9.62 | 1.50 | 0.16 | 7.53 | 8.50 | 9.40 | 10.67 | 12.17 | 17 |
| Black | 548 | 7.0 | 14.6 | 10.33 | 1.35 | 0.06 | 8.00 | 9.40 | 10.30 | 11.20 | 12.50 | 155 |
| LatinX | 100 | 6.7 | 12.6 | 9.92 | 1.25 | 0.13 | 8.00 | 9.22 | 9.85 | 10.55 | 11.90 | 34 |
| NHOPI | 4 | 7.5 | 8.9 | 8.20 | 0.99 | 0.49 | 7.57 | 7.85 | 8.20 | 8.55 | 8.83 | 2 |
| Other | 21 | 7.3 | 12.6 | 10.06 | 1.46 | 0.32 | 7.82 | 9.15 | 10.05 | 11.03 | 12.15 | 5 |
| PTNS | 5 | 7.8 | 13.4 | 9.93 | 2.42 | 1.08 | 8.00 | 8.77 | 9.25 | 10.40 | 12.80 | 1 |
| white | 1,240 | 4.9 | 20.8 | 9.90 | 1.54 | 0.04 | 7.50 | 8.80 | 9.90 | 10.80 | 12.50 | 299 |

#%>% set\_header\_labels(values = list(GoSub\_C = "Alare/AlareCont"))  
  
#Autofit Width Table TNR  
flextable(GoSub\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Gonion Submandibular Contour SumStats by Race/Ethnicity") %>%   
 fit\_to\_width(7.5)

**Table** : Gonion Submandibular Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 7.1 | 11.1 | 9.06 | 1.61 | 0.57 | 7.24 | 7.80 | 9.40 | 9.90 | 10.86 | 3 |
| Asian | 91 | 7.1 | 13.7 | 9.62 | 1.50 | 0.16 | 7.53 | 8.50 | 9.40 | 10.67 | 12.17 | 17 |
| Black | 548 | 7.0 | 14.6 | 10.33 | 1.35 | 0.06 | 8.00 | 9.40 | 10.30 | 11.20 | 12.50 | 155 |
| LatinX | 100 | 6.7 | 12.6 | 9.92 | 1.25 | 0.13 | 8.00 | 9.22 | 9.85 | 10.55 | 11.90 | 34 |
| NHOPI | 4 | 7.5 | 8.9 | 8.20 | 0.99 | 0.49 | 7.57 | 7.85 | 8.20 | 8.55 | 8.83 | 2 |
| Other | 21 | 7.3 | 12.6 | 10.06 | 1.46 | 0.32 | 7.82 | 9.15 | 10.05 | 11.03 | 12.15 | 5 |
| PTNS | 5 | 7.8 | 13.4 | 9.93 | 2.42 | 1.08 | 8.00 | 8.77 | 9.25 | 10.40 | 12.80 | 1 |
| white | 1,240 | 4.9 | 20.8 | 9.90 | 1.54 | 0.04 | 7.50 | 8.80 | 9.90 | 10.80 | 12.50 | 299 |

#%>% set\_header\_labels(values = list(GoSub\_C = "Alare/AlareCont"))

#GoSub\_C gender sumstats  
GoSub\_Cgender\_sumstats <- headscan\_full %>%   
 group\_by(gender) %>%   
 summarise(n = n(),  
 min = min(GoSub\_C, na.rm = TRUE),  
 max = max(GoSub\_C, na.rm = TRUE),  
 mean = mean(GoSub\_C, na.rm = TRUE),  
 sd = sd(GoSub\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(GoSub\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(GoSub\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(GoSub\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(GoSub\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(GoSub\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(GoSub\_C)))  
  
GoSub\_Cgender\_sumstats <- GoSub\_Cgender\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
#Size 12 Table TNR  
flextable(GoSub\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Gonion Submandibular Contour SumStats by Gender")

**Table** : Gonion Submandibular Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 4.9 | 20.8 | 9.47 | 1.36 | 0.04 | 7.40 | 8.6 | 9.4 | 10.30 | 11.70 | 231 |
| Male | 939 | 6.4 | 15.2 | 10.66 | 1.40 | 0.05 | 8.40 | 9.7 | 10.6 | 11.50 | 13.00 | 282 |
| Non-binary or Other | 5 | 10.4 | 10.4 | 10.40 | 0.00 | 0.00 | 10.40 | 10.4 | 10.4 | 10.40 | 10.40 | 3 |
| Prefer not to say | 1 | 13.4 | 13.4 | 13.40 |  |  | 13.40 | 13.4 | 13.4 | 13.40 | 13.40 | 0 |
|  | 8 | 8.2 | 11.2 | 9.81 | 0.94 | 0.33 | 8.59 | 9.3 | 9.7 | 10.48 | 11.02 | 0 |

#%>% set\_header\_labels(values = list(GoSub\_C = "Alare/AlareCont"))  
  
#Autofit Width Table TNR  
flextable(GoSub\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Gonion Submandibular Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Gonion Submandibular Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 4.9 | 20.8 | 9.47 | 1.36 | 0.04 | 7.40 | 8.6 | 9.4 | 10.30 | 11.70 | 231 |
| Male | 939 | 6.4 | 15.2 | 10.66 | 1.40 | 0.05 | 8.40 | 9.7 | 10.6 | 11.50 | 13.00 | 282 |
| Non-binary or Other | 5 | 10.4 | 10.4 | 10.40 | 0.00 | 0.00 | 10.40 | 10.4 | 10.4 | 10.40 | 10.40 | 3 |
| Prefer not to say | 1 | 13.4 | 13.4 | 13.40 |  |  | 13.40 | 13.4 | 13.4 | 13.40 | 13.40 | 0 |
|  | 8 | 8.2 | 11.2 | 9.81 | 0.94 | 0.33 | 8.59 | 9.3 | 9.7 | 10.48 | 11.02 | 0 |

#%>% set\_header\_labels(values = list(GoSub\_C = "Alare/AlareCont"))

#GoSub\_C age group sumstats  
GoSub\_Cage\_sumstats <- headscan\_full %>%   
 group\_by(age\_group) %>%   
 summarise(n = n(),  
 min = min(GoSub\_C, na.rm = TRUE),  
 max = max(GoSub\_C, na.rm = TRUE),  
 mean = mean(GoSub\_C, na.rm = TRUE),  
 sd = sd(GoSub\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(GoSub\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(GoSub\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(GoSub\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(GoSub\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(GoSub\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(GoSub\_C)))  
  
GoSub\_Cage\_sumstats <- GoSub\_Cage\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(GoSub\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Gonion Submandibular Contour SumStats by Gender")

**Table** : Gonion Submandibular Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 4.9 | 14.6 | 9.60 | 1.43 | 0.05 | 7.40 | 8.60 | 9.50 | 10.50 | 12.10 | 230 |
| 37-54 | 940 | 5.1 | 20.8 | 10.38 | 1.46 | 0.05 | 8.10 | 9.43 | 10.40 | 11.30 | 12.71 | 262 |
| 55-72 | 84 | 6.5 | 13.0 | 10.74 | 1.27 | 0.14 | 8.99 | 9.90 | 10.85 | 11.62 | 12.90 | 24 |
|  | 1 | 10.1 | 10.1 | 10.10 |  |  | 10.10 | 10.10 | 10.10 | 10.10 | 10.10 | 0 |

#%>% set\_header\_labels(values = list(GoSub\_C = "Alare/AlareCont"))  
  
#Autofit Width Table TNR  
flextable(GoSub\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Gonion Submandibular Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Gonion Submandibular Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 4.9 | 14.6 | 9.60 | 1.43 | 0.05 | 7.40 | 8.60 | 9.50 | 10.50 | 12.10 | 230 |
| 37-54 | 940 | 5.1 | 20.8 | 10.38 | 1.46 | 0.05 | 8.10 | 9.43 | 10.40 | 11.30 | 12.71 | 262 |
| 55-72 | 84 | 6.5 | 13.0 | 10.74 | 1.27 | 0.14 | 8.99 | 9.90 | 10.85 | 11.62 | 12.90 | 24 |
|  | 1 | 10.1 | 10.1 | 10.10 |  |  | 10.10 | 10.10 | 10.10 | 10.10 | 10.10 | 0 |

#%>% set\_header\_labels(values = list(GoSub\_C = "Alare/AlareCont"))

NRB\_L

#NRB\_L race/eth sumstats  
NRB\_Lrace\_sumstats <- headscan\_full %>%   
 group\_by(race\_eth) %>%   
 summarise(n = n(),  
 min = min(NRB\_L, na.rm = TRUE),  
 max = max(NRB\_L, na.rm = TRUE),  
 mean = mean(NRB\_L, na.rm = TRUE),  
 sd = sd(NRB\_L, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(NRB\_L, 0.05, na.rm=TRUE),  
 percent25th = quantile(NRB\_L, 0.25, na.rm=TRUE),  
 percent50th = quantile(NRB\_L, 0.50, na.rm=TRUE),  
 percent75th = quantile(NRB\_L, 0.75, na.rm=TRUE),  
 percent95th = quantile(NRB\_L, 0.95, na.rm=TRUE),  
 na = sum(is.na(NRB\_L)))   
  
NRB\_Lrace\_sumstats <- NRB\_Lrace\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(NRB\_Lrace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Nasal Root Breadth SumStats by Race/Ethnicity")

**Table** : Nasal Root Breadth SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 0.8 | 2.8 | 1.80 | 0.74 | 0.26 | 0.94 | 1.50 | 1.8 | 2.10 | 2.66 | 3 |
| Asian | 91 | 0.8 | 3.1 | 1.70 | 0.52 | 0.05 | 1.00 | 1.30 | 1.6 | 1.90 | 2.63 | 16 |
| Black | 548 | 0.7 | 3.5 | 2.03 | 0.48 | 0.02 | 1.33 | 1.70 | 2.0 | 2.30 | 2.98 | 122 |
| LatinX | 100 | 0.8 | 2.9 | 1.75 | 0.44 | 0.04 | 1.10 | 1.45 | 1.7 | 2.00 | 2.55 | 29 |
| NHOPI | 4 | 1.1 | 2.1 | 1.50 | 0.53 | 0.26 | 1.12 | 1.20 | 1.3 | 1.70 | 2.02 | 1 |
| Other | 21 | 0.8 | 3.0 | 2.00 | 0.56 | 0.12 | 1.37 | 1.70 | 2.0 | 2.12 | 2.90 | 1 |
| PTNS | 5 | 1.3 | 2.5 | 1.95 | 0.50 | 0.22 | 1.39 | 1.75 | 2.0 | 2.20 | 2.44 | 1 |
| white | 1,240 | 0.3 | 7.2 | 1.76 | 0.48 | 0.01 | 1.10 | 1.50 | 1.7 | 2.00 | 2.60 | 254 |

#%>% set\_header\_labels(values = list(NRB\_L = "Alare/AlareCont"))  
  
#Autofit Width Table TNR  
flextable(NRB\_Lrace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Nasal Root Breadth SumStats by Race/Ethnicity") %>%   
 fit\_to\_width(7.5)

**Table** : Nasal Root Breadth SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 0.8 | 2.8 | 1.80 | 0.74 | 0.26 | 0.94 | 1.50 | 1.8 | 2.10 | 2.66 | 3 |
| Asian | 91 | 0.8 | 3.1 | 1.70 | 0.52 | 0.05 | 1.00 | 1.30 | 1.6 | 1.90 | 2.63 | 16 |
| Black | 548 | 0.7 | 3.5 | 2.03 | 0.48 | 0.02 | 1.33 | 1.70 | 2.0 | 2.30 | 2.98 | 122 |
| LatinX | 100 | 0.8 | 2.9 | 1.75 | 0.44 | 0.04 | 1.10 | 1.45 | 1.7 | 2.00 | 2.55 | 29 |
| NHOPI | 4 | 1.1 | 2.1 | 1.50 | 0.53 | 0.26 | 1.12 | 1.20 | 1.3 | 1.70 | 2.02 | 1 |
| Other | 21 | 0.8 | 3.0 | 2.00 | 0.56 | 0.12 | 1.37 | 1.70 | 2.0 | 2.12 | 2.90 | 1 |
| PTNS | 5 | 1.3 | 2.5 | 1.95 | 0.50 | 0.22 | 1.39 | 1.75 | 2.0 | 2.20 | 2.44 | 1 |
| white | 1,240 | 0.3 | 7.2 | 1.76 | 0.48 | 0.01 | 1.10 | 1.50 | 1.7 | 2.00 | 2.60 | 254 |

#%>% set\_header\_labels(values = list(NRB\_L = "Alare/AlareCont"))

#NRB\_L gender sumstats  
NRB\_Lgender\_sumstats <- headscan\_full %>%   
 group\_by(gender) %>%   
 summarise(n = n(),  
 min = min(NRB\_L, na.rm = TRUE),  
 max = max(NRB\_L, na.rm = TRUE),  
 mean = mean(NRB\_L, na.rm = TRUE),  
 sd = sd(NRB\_L, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(NRB\_L, 0.05, na.rm=TRUE),  
 percent25th = quantile(NRB\_L, 0.25, na.rm=TRUE),  
 percent50th = quantile(NRB\_L, 0.50, na.rm=TRUE),  
 percent75th = quantile(NRB\_L, 0.75, na.rm=TRUE),  
 percent95th = quantile(NRB\_L, 0.95, na.rm=TRUE),  
 na = sum(is.na(NRB\_L)))  
  
NRB\_Lgender\_sumstats <- NRB\_Lgender\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
#Size 12 Table TNR  
flextable(NRB\_Lgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Nasal Root Breadth SumStats by Gender")

**Table** : Nasal Root Breadth SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 0.4 | 3.2 | 1.85 | 0.48 | 0.01 | 1.10 | 1.60 | 1.80 | 2.10 | 2.70 | 217 |
| Male | 939 | 0.3 | 7.2 | 1.81 | 0.52 | 0.02 | 1.10 | 1.50 | 1.70 | 2.10 | 2.70 | 207 |
| Non-binary or Other | 5 | 1.9 | 2.0 | 1.95 | 0.07 | 0.03 | 1.91 | 1.92 | 1.95 | 1.98 | 2.00 | 3 |
| Prefer not to say | 1 | 1.9 | 1.9 | 1.90 |  |  | 1.90 | 1.90 | 1.90 | 1.90 | 1.90 | 0 |
|  | 8 | 1.4 | 1.9 | 1.70 | 0.15 | 0.05 | 1.47 | 1.67 | 1.70 | 1.80 | 1.86 | 0 |

#%>% set\_header\_labels(values = list(NRB\_L = "Alare/AlareCont"))  
  
#Autofit Width Table TNR  
flextable(NRB\_Lgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Nasal Root Breadth SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Nasal Root Breadth SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 0.4 | 3.2 | 1.85 | 0.48 | 0.01 | 1.10 | 1.60 | 1.80 | 2.10 | 2.70 | 217 |
| Male | 939 | 0.3 | 7.2 | 1.81 | 0.52 | 0.02 | 1.10 | 1.50 | 1.70 | 2.10 | 2.70 | 207 |
| Non-binary or Other | 5 | 1.9 | 2.0 | 1.95 | 0.07 | 0.03 | 1.91 | 1.92 | 1.95 | 1.98 | 2.00 | 3 |
| Prefer not to say | 1 | 1.9 | 1.9 | 1.90 |  |  | 1.90 | 1.90 | 1.90 | 1.90 | 1.90 | 0 |
|  | 8 | 1.4 | 1.9 | 1.70 | 0.15 | 0.05 | 1.47 | 1.67 | 1.70 | 1.80 | 1.86 | 0 |

#%>% set\_header\_labels(values = list(NRB\_L = "Alare/AlareCont"))

#NRB\_L age group sumstats  
NRB\_Lage\_sumstats <- headscan\_full %>%   
 group\_by(age\_group) %>%   
 summarise(n = n(),  
 min = min(NRB\_L, na.rm = TRUE),  
 max = max(NRB\_L, na.rm = TRUE),  
 mean = mean(NRB\_L, na.rm = TRUE),  
 sd = sd(NRB\_L, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(NRB\_L, 0.05, na.rm=TRUE),  
 percent25th = quantile(NRB\_L, 0.25, na.rm=TRUE),  
 percent50th = quantile(NRB\_L, 0.50, na.rm=TRUE),  
 percent75th = quantile(NRB\_L, 0.75, na.rm=TRUE),  
 percent95th = quantile(NRB\_L, 0.95, na.rm=TRUE),  
 na = sum(is.na(NRB\_L)))  
  
NRB\_Lage\_sumstats <- NRB\_Lage\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(NRB\_Lage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Nasal Root Breadth SumStats by Gender")

**Table** : Nasal Root Breadth SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 0.4 | 7.2 | 1.85 | 0.51 | 0.02 | 1.1 | 1.5 | 1.8 | 2.1 | 2.7 | 186 |
| 37-54 | 940 | 0.3 | 3.5 | 1.81 | 0.47 | 0.02 | 1.1 | 1.5 | 1.8 | 2.1 | 2.7 | 218 |
| 55-72 | 84 | 0.9 | 3.2 | 1.80 | 0.55 | 0.06 | 1.0 | 1.5 | 1.7 | 2.0 | 2.8 | 23 |
|  | 1 | 1.3 | 1.3 | 1.30 |  |  | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 0 |

#%>% set\_header\_labels(values = list(NRB\_L = "Alare/AlareCont"))  
  
#Autofit Width Table TNR  
flextable(NRB\_Lage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Nasal Root Breadth SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Nasal Root Breadth SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 0.4 | 7.2 | 1.85 | 0.51 | 0.02 | 1.1 | 1.5 | 1.8 | 2.1 | 2.7 | 186 |
| 37-54 | 940 | 0.3 | 3.5 | 1.81 | 0.47 | 0.02 | 1.1 | 1.5 | 1.8 | 2.1 | 2.7 | 218 |
| 55-72 | 84 | 0.9 | 3.2 | 1.80 | 0.55 | 0.06 | 1.0 | 1.5 | 1.7 | 2.0 | 2.8 | 23 |
|  | 1 | 1.3 | 1.3 | 1.30 |  |  | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 0 |

#%>% set\_header\_labels(values = list(NRB\_L = "Alare/AlareCont"))

ProA\_L

#ProA\_L race/eth sumstats  
ProA\_Lrace\_sumstats <- headscan\_full %>%   
 group\_by(race\_eth) %>%   
 summarise(n = n(),  
 min = min(ProA\_L, na.rm = TRUE),  
 max = max(ProA\_L, na.rm = TRUE),  
 mean = mean(ProA\_L, na.rm = TRUE),  
 sd = sd(ProA\_L, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(ProA\_L, 0.05, na.rm=TRUE),  
 percent25th = quantile(ProA\_L, 0.25, na.rm=TRUE),  
 percent50th = quantile(ProA\_L, 0.50, na.rm=TRUE),  
 percent75th = quantile(ProA\_L, 0.75, na.rm=TRUE),  
 percent95th = quantile(ProA\_L, 0.95, na.rm=TRUE),  
 na = sum(is.na(ProA\_L)))   
  
ProA\_Lrace\_sumstats <- ProA\_Lrace\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(ProA\_Lrace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Pronasale Alare Length SumStats by Race/Ethnicity")

**Table** : Pronasale Alare Length SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 2.2 | 3.2 | 2.74 | 0.37 | 0.13 | 2.28 | 2.60 | 2.80 | 2.90 | 3.14 | 3 |
| Asian | 91 | 2.2 | 3.6 | 2.70 | 0.31 | 0.03 | 2.30 | 2.45 | 2.60 | 2.90 | 3.30 | 16 |
| Black | 548 | 2.0 | 3.6 | 2.80 | 0.30 | 0.01 | 2.30 | 2.60 | 2.80 | 3.00 | 3.30 | 123 |
| LatinX | 100 | 2.2 | 3.4 | 2.77 | 0.30 | 0.03 | 2.30 | 2.55 | 2.80 | 3.00 | 3.30 | 29 |
| NHOPI | 4 | 2.6 | 3.0 | 2.77 | 0.21 | 0.10 | 2.61 | 2.65 | 2.70 | 2.85 | 2.97 | 1 |
| Other | 21 | 2.1 | 3.2 | 2.79 | 0.30 | 0.07 | 2.10 | 2.77 | 2.80 | 3.00 | 3.11 | 1 |
| PTNS | 5 | 2.6 | 3.2 | 2.83 | 0.29 | 0.13 | 2.60 | 2.60 | 2.75 | 2.97 | 3.15 | 1 |
| white | 1,240 | 2.0 | 3.7 | 2.77 | 0.30 | 0.01 | 2.30 | 2.60 | 2.70 | 3.00 | 3.30 | 254 |

#%>% set\_header\_labels(values = list(ProA\_L = "Alare/AlareCont"))  
  
#Autofit Width Table TNR  
flextable(ProA\_Lrace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Pronasale Alare Length SumStats by Race/Ethnicity") %>%   
 fit\_to\_width(7.5)

**Table** : Pronasale Alare Length SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 2.2 | 3.2 | 2.74 | 0.37 | 0.13 | 2.28 | 2.60 | 2.80 | 2.90 | 3.14 | 3 |
| Asian | 91 | 2.2 | 3.6 | 2.70 | 0.31 | 0.03 | 2.30 | 2.45 | 2.60 | 2.90 | 3.30 | 16 |
| Black | 548 | 2.0 | 3.6 | 2.80 | 0.30 | 0.01 | 2.30 | 2.60 | 2.80 | 3.00 | 3.30 | 123 |
| LatinX | 100 | 2.2 | 3.4 | 2.77 | 0.30 | 0.03 | 2.30 | 2.55 | 2.80 | 3.00 | 3.30 | 29 |
| NHOPI | 4 | 2.6 | 3.0 | 2.77 | 0.21 | 0.10 | 2.61 | 2.65 | 2.70 | 2.85 | 2.97 | 1 |
| Other | 21 | 2.1 | 3.2 | 2.79 | 0.30 | 0.07 | 2.10 | 2.77 | 2.80 | 3.00 | 3.11 | 1 |
| PTNS | 5 | 2.6 | 3.2 | 2.83 | 0.29 | 0.13 | 2.60 | 2.60 | 2.75 | 2.97 | 3.15 | 1 |
| white | 1,240 | 2.0 | 3.7 | 2.77 | 0.30 | 0.01 | 2.30 | 2.60 | 2.70 | 3.00 | 3.30 | 254 |

#%>% set\_header\_labels(values = list(ProA\_L = "Alare/AlareCont"))

#ProA\_L gender sumstats  
ProA\_Lgender\_sumstats <- headscan\_full %>%   
 group\_by(gender) %>%   
 summarise(n = n(),  
 min = min(ProA\_L, na.rm = TRUE),  
 max = max(ProA\_L, na.rm = TRUE),  
 mean = mean(ProA\_L, na.rm = TRUE),  
 sd = sd(ProA\_L, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(ProA\_L, 0.05, na.rm=TRUE),  
 percent25th = quantile(ProA\_L, 0.25, na.rm=TRUE),  
 percent50th = quantile(ProA\_L, 0.50, na.rm=TRUE),  
 percent75th = quantile(ProA\_L, 0.75, na.rm=TRUE),  
 percent95th = quantile(ProA\_L, 0.95, na.rm=TRUE),  
 na = sum(is.na(ProA\_L)))  
  
ProA\_Lgender\_sumstats <- ProA\_Lgender\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
#Size 12 Table TNR  
flextable(ProA\_Lgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Pronasale Alare Length SumStats by Gender")

**Table** : Pronasale Alare Length SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 2.0 | 3.6 | 2.62 | 0.24 | 0.01 | 2.30 | 2.50 | 2.60 | 2.80 | 3.00 | 219 |
| Male | 939 | 2.3 | 3.7 | 2.95 | 0.26 | 0.01 | 2.60 | 2.80 | 2.90 | 3.10 | 3.40 | 206 |
| Non-binary or Other | 5 | 2.3 | 2.8 | 2.55 | 0.35 | 0.16 | 2.32 | 2.42 | 2.55 | 2.67 | 2.78 | 3 |
| Prefer not to say | 1 | 2.6 | 2.6 | 2.60 |  |  | 2.60 | 2.60 | 2.60 | 2.60 | 2.60 | 0 |
|  | 8 | 2.2 | 3.0 | 2.55 | 0.23 | 0.08 | 2.27 | 2.48 | 2.50 | 2.62 | 2.90 | 0 |

#%>% set\_header\_labels(values = list(ProA\_L = "Alare/AlareCont"))  
  
#Autofit Width Table TNR  
flextable(ProA\_Lgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Pronasale Alare Length SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Pronasale Alare Length SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 2.0 | 3.6 | 2.62 | 0.24 | 0.01 | 2.30 | 2.50 | 2.60 | 2.80 | 3.00 | 219 |
| Male | 939 | 2.3 | 3.7 | 2.95 | 0.26 | 0.01 | 2.60 | 2.80 | 2.90 | 3.10 | 3.40 | 206 |
| Non-binary or Other | 5 | 2.3 | 2.8 | 2.55 | 0.35 | 0.16 | 2.32 | 2.42 | 2.55 | 2.67 | 2.78 | 3 |
| Prefer not to say | 1 | 2.6 | 2.6 | 2.60 |  |  | 2.60 | 2.60 | 2.60 | 2.60 | 2.60 | 0 |
|  | 8 | 2.2 | 3.0 | 2.55 | 0.23 | 0.08 | 2.27 | 2.48 | 2.50 | 2.62 | 2.90 | 0 |

#%>% set\_header\_labels(values = list(ProA\_L = "Alare/AlareCont"))

#ProA\_L age group sumstats  
ProA\_Lage\_sumstats <- headscan\_full %>%   
 group\_by(age\_group) %>%   
 summarise(n = n(),  
 min = min(ProA\_L, na.rm = TRUE),  
 max = max(ProA\_L, na.rm = TRUE),  
 mean = mean(ProA\_L, na.rm = TRUE),  
 sd = sd(ProA\_L, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(ProA\_L, 0.05, na.rm=TRUE),  
 percent25th = quantile(ProA\_L, 0.25, na.rm=TRUE),  
 percent50th = quantile(ProA\_L, 0.50, na.rm=TRUE),  
 percent75th = quantile(ProA\_L, 0.75, na.rm=TRUE),  
 percent95th = quantile(ProA\_L, 0.95, na.rm=TRUE),  
 na = sum(is.na(ProA\_L)))  
  
ProA\_Lage\_sumstats <- ProA\_Lage\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(ProA\_Lage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Pronasale Alare Length SumStats by Gender")

**Table** : Pronasale Alare Length SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 2.0 | 3.7 | 2.74 | 0.28 | 0.01 | 2.3 | 2.5 | 2.7 | 2.9 | 3.2 | 186 |
| 37-54 | 940 | 2.0 | 3.6 | 2.81 | 0.31 | 0.01 | 2.3 | 2.6 | 2.8 | 3.0 | 3.4 | 219 |
| 55-72 | 84 | 2.2 | 3.5 | 2.84 | 0.28 | 0.03 | 2.4 | 2.7 | 2.8 | 3.0 | 3.3 | 23 |
|  | 1 | 2.5 | 2.5 | 2.50 |  |  | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 0 |

#%>% set\_header\_labels(values = list(ProA\_L = "Alare/AlareCont"))  
  
#Autofit Width Table TNR  
flextable(ProA\_Lage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Pronasale Alare Length SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Pronasale Alare Length SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 2.0 | 3.7 | 2.74 | 0.28 | 0.01 | 2.3 | 2.5 | 2.7 | 2.9 | 3.2 | 186 |
| 37-54 | 940 | 2.0 | 3.6 | 2.81 | 0.31 | 0.01 | 2.3 | 2.6 | 2.8 | 3.0 | 3.4 | 219 |
| 55-72 | 84 | 2.2 | 3.5 | 2.84 | 0.28 | 0.03 | 2.4 | 2.7 | 2.8 | 3.0 | 3.3 | 23 |
|  | 1 | 2.5 | 2.5 | 2.50 |  |  | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 0 |

#%>% set\_header\_labels(values = list(ProA\_L = "Alare/AlareCont"))

ProA\_C

#ProA\_C race/eth sumstats  
ProA\_Crace\_sumstats <- headscan\_full %>%   
 group\_by(race\_eth) %>%   
 summarise(n = n(),  
 min = min(ProA\_C, na.rm = TRUE),  
 max = max(ProA\_C, na.rm = TRUE),  
 mean = mean(ProA\_C, na.rm = TRUE),  
 sd = sd(ProA\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(ProA\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(ProA\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(ProA\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(ProA\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(ProA\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(ProA\_C)))   
  
ProA\_Crace\_sumstats <- ProA\_Crace\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(ProA\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Pronasale Alare Contour SumStats by Race/Ethnicity")

**Table** : Pronasale Alare Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 2.3 | 3.4 | 2.96 | 0.43 | 0.15 | 2.40 | 2.80 | 3.10 | 3.20 | 3.36 | 3 |
| Asian | 91 | 2.2 | 4.0 | 2.89 | 0.36 | 0.04 | 2.40 | 2.60 | 2.80 | 3.10 | 3.50 | 16 |
| Black | 548 | 2.1 | 3.9 | 2.99 | 0.34 | 0.01 | 2.40 | 2.70 | 3.00 | 3.20 | 3.60 | 123 |
| LatinX | 100 | 2.4 | 3.7 | 2.98 | 0.33 | 0.03 | 2.45 | 2.80 | 3.00 | 3.20 | 3.50 | 29 |
| NHOPI | 4 | 2.7 | 3.4 | 3.00 | 0.36 | 0.18 | 2.72 | 2.80 | 2.90 | 3.15 | 3.35 | 1 |
| Other | 21 | 2.2 | 3.5 | 2.98 | 0.36 | 0.08 | 2.20 | 2.90 | 3.00 | 3.20 | 3.50 | 1 |
| PTNS | 5 | 2.7 | 3.5 | 3.08 | 0.35 | 0.16 | 2.73 | 2.85 | 3.05 | 3.28 | 3.46 | 1 |
| white | 1,240 | 2.1 | 4.1 | 2.99 | 0.34 | 0.01 | 2.50 | 2.80 | 3.00 | 3.20 | 3.60 | 254 |

#%>% set\_header\_Cabels(values = list(ProA\_C = "Alare/AlareCont"))  
  
#Autofit Width Table TNR  
flextable(ProA\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Pronasale Alare Contour SumStats by Race/Ethnicity") %>%   
 fit\_to\_width(7.5)

**Table** : Pronasale Alare Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 2.3 | 3.4 | 2.96 | 0.43 | 0.15 | 2.40 | 2.80 | 3.10 | 3.20 | 3.36 | 3 |
| Asian | 91 | 2.2 | 4.0 | 2.89 | 0.36 | 0.04 | 2.40 | 2.60 | 2.80 | 3.10 | 3.50 | 16 |
| Black | 548 | 2.1 | 3.9 | 2.99 | 0.34 | 0.01 | 2.40 | 2.70 | 3.00 | 3.20 | 3.60 | 123 |
| LatinX | 100 | 2.4 | 3.7 | 2.98 | 0.33 | 0.03 | 2.45 | 2.80 | 3.00 | 3.20 | 3.50 | 29 |
| NHOPI | 4 | 2.7 | 3.4 | 3.00 | 0.36 | 0.18 | 2.72 | 2.80 | 2.90 | 3.15 | 3.35 | 1 |
| Other | 21 | 2.2 | 3.5 | 2.98 | 0.36 | 0.08 | 2.20 | 2.90 | 3.00 | 3.20 | 3.50 | 1 |
| PTNS | 5 | 2.7 | 3.5 | 3.08 | 0.35 | 0.16 | 2.73 | 2.85 | 3.05 | 3.28 | 3.46 | 1 |
| white | 1,240 | 2.1 | 4.1 | 2.99 | 0.34 | 0.01 | 2.50 | 2.80 | 3.00 | 3.20 | 3.60 | 254 |

#%>% set\_header\_Cabels(values = list(ProA\_C = "Alare/AlareCont"))

#ProA\_C gender sumstats  
ProA\_Cgender\_sumstats <- headscan\_full %>%   
 group\_by(gender) %>%   
 summarise(n = n(),  
 min = min(ProA\_C, na.rm = TRUE),  
 max = max(ProA\_C, na.rm = TRUE),  
 mean = mean(ProA\_C, na.rm = TRUE),  
 sd = sd(ProA\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(ProA\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(ProA\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(ProA\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(ProA\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(ProA\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(ProA\_C)))  
  
ProA\_Cgender\_sumstats <- ProA\_Cgender\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
#Size 12 Table TNR  
flextable(ProA\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Pronasale Alare Contour SumStats by Gender")

**Table** : Pronasale Alare Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 2.1 | 4.1 | 2.82 | 0.28 | 0.01 | 2.40 | 2.60 | 2.80 | 3.00 | 3.30 | 219 |
| Male | 939 | 2.4 | 4.1 | 3.18 | 0.30 | 0.01 | 2.70 | 3.00 | 3.20 | 3.40 | 3.70 | 206 |
| Non-binary or Other | 5 | 2.5 | 3.1 | 2.80 | 0.42 | 0.19 | 2.53 | 2.65 | 2.80 | 2.95 | 3.07 | 3 |
| Prefer not to say | 1 | 2.7 | 2.7 | 2.70 |  |  | 2.70 | 2.70 | 2.70 | 2.70 | 2.70 | 0 |
|  | 8 | 2.3 | 3.3 | 2.75 | 0.29 | 0.10 | 2.40 | 2.60 | 2.75 | 2.82 | 3.16 | 0 |

#%>% set\_header\_Cabels(values = list(ProA\_C = "Alare/AlareCont"))  
  
#Autofit Width Table TNR  
flextable(ProA\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Pronasale Alare Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Pronasale Alare Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 2.1 | 4.1 | 2.82 | 0.28 | 0.01 | 2.40 | 2.60 | 2.80 | 3.00 | 3.30 | 219 |
| Male | 939 | 2.4 | 4.1 | 3.18 | 0.30 | 0.01 | 2.70 | 3.00 | 3.20 | 3.40 | 3.70 | 206 |
| Non-binary or Other | 5 | 2.5 | 3.1 | 2.80 | 0.42 | 0.19 | 2.53 | 2.65 | 2.80 | 2.95 | 3.07 | 3 |
| Prefer not to say | 1 | 2.7 | 2.7 | 2.70 |  |  | 2.70 | 2.70 | 2.70 | 2.70 | 2.70 | 0 |
|  | 8 | 2.3 | 3.3 | 2.75 | 0.29 | 0.10 | 2.40 | 2.60 | 2.75 | 2.82 | 3.16 | 0 |

#%>% set\_header\_Cabels(values = list(ProA\_C = "Alare/AlareCont"))

#ProA\_C age group sumstats  
ProA\_Cage\_sumstats <- headscan\_full %>%   
 group\_by(age\_group) %>%   
 summarise(n = n(),  
 min = min(ProA\_C, na.rm = TRUE),  
 max = max(ProA\_C, na.rm = TRUE),  
 mean = mean(ProA\_C, na.rm = TRUE),  
 sd = sd(ProA\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(ProA\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(ProA\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(ProA\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(ProA\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(ProA\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(ProA\_C)))  
  
ProA\_Cage\_sumstats <- ProA\_Cage\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(ProA\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Pronasale Alare Contour SumStats by Gender")

**Table** : Pronasale Alare Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 2.1 | 4.0 | 2.94 | 0.33 | 0.01 | 2.4 | 2.7 | 2.9 | 3.18 | 3.5 | 186 |
| 37-54 | 940 | 2.1 | 4.1 | 3.03 | 0.36 | 0.01 | 2.5 | 2.8 | 3.0 | 3.30 | 3.6 | 219 |
| 55-72 | 84 | 2.3 | 3.8 | 3.03 | 0.30 | 0.03 | 2.6 | 2.8 | 3.0 | 3.20 | 3.5 | 23 |
|  | 1 | 2.7 | 2.7 | 2.70 |  |  | 2.7 | 2.7 | 2.7 | 2.70 | 2.7 | 0 |

#%>% set\_header\_Cabels(values = list(ProA\_C = "Alare/AlareCont"))  
  
#Autofit Width Table TNR  
flextable(ProA\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Pronasale Alare Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Pronasale Alare Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 2.1 | 4.0 | 2.94 | 0.33 | 0.01 | 2.4 | 2.7 | 2.9 | 3.18 | 3.5 | 186 |
| 37-54 | 940 | 2.1 | 4.1 | 3.03 | 0.36 | 0.01 | 2.5 | 2.8 | 3.0 | 3.30 | 3.6 | 219 |
| 55-72 | 84 | 2.3 | 3.8 | 3.03 | 0.30 | 0.03 | 2.6 | 2.8 | 3.0 | 3.20 | 3.5 | 23 |
|  | 1 | 2.7 | 2.7 | 2.70 |  |  | 2.7 | 2.7 | 2.7 | 2.70 | 2.7 | 0 |

#%>% set\_header\_Cabels(values = list(ProA\_C = "Alare/AlareCont"))

ProS\_L

#ProS\_L race/eth sumstats  
ProS\_Lrace\_sumstats <- headscan\_full %>%   
 group\_by(race\_eth) %>%   
 summarise(n = n(),  
 min = min(ProS\_L, na.rm = TRUE),  
 max = max(ProS\_L, na.rm = TRUE),  
 mean = mean(ProS\_L, na.rm = TRUE),  
 sd = sd(ProS\_L, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(ProS\_L, 0.05, na.rm=TRUE),  
 percent25th = quantile(ProS\_L, 0.25, na.rm=TRUE),  
 percent50th = quantile(ProS\_L, 0.50, na.rm=TRUE),  
 percent75th = quantile(ProS\_L, 0.75, na.rm=TRUE),  
 percent95th = quantile(ProS\_L, 0.95, na.rm=TRUE),  
 na = sum(is.na(ProS\_L)))   
  
ProS\_Lrace\_sumstats <- ProS\_Lrace\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(ProS\_Lrace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Pronasale Subnasale Length SumStats by Race/Ethnicity")

**Table** : Pronasale Subnasale Length SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 1.7 | 1.9 | 1.82 | 0.08 | 0.03 | 1.72 | 1.80 | 1.8 | 1.90 | 1.90 | 3 |
| Asian | 91 | 1.4 | 4.2 | 1.86 | 0.34 | 0.04 | 1.50 | 1.70 | 1.8 | 2.00 | 2.23 | 16 |
| Black | 548 | 1.2 | 4.2 | 1.83 | 0.26 | 0.01 | 1.50 | 1.70 | 1.8 | 2.00 | 2.20 | 123 |
| LatinX | 100 | 1.3 | 2.5 | 1.89 | 0.23 | 0.02 | 1.50 | 1.75 | 1.9 | 2.00 | 2.20 | 29 |
| NHOPI | 4 | 1.6 | 2.4 | 2.00 | 0.40 | 0.20 | 1.64 | 1.80 | 2.0 | 2.20 | 2.36 | 1 |
| Other | 21 | 1.2 | 2.2 | 1.80 | 0.26 | 0.06 | 1.30 | 1.60 | 1.9 | 1.92 | 2.20 | 1 |
| PTNS | 5 | 1.6 | 1.9 | 1.73 | 0.13 | 0.06 | 1.62 | 1.67 | 1.7 | 1.75 | 1.87 | 1 |
| white | 1,240 | 1.3 | 3.0 | 1.99 | 0.26 | 0.01 | 1.60 | 1.80 | 2.0 | 2.15 | 2.40 | 257 |

#%>% set\_header\_labels(values = list(ProS\_L = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(ProS\_Lrace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Pronasale Subnasale Length SumStats by Race/Ethnicity") %>%   
 fit\_to\_width(7.5)

**Table** : Pronasale Subnasale Length SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 1.7 | 1.9 | 1.82 | 0.08 | 0.03 | 1.72 | 1.80 | 1.8 | 1.90 | 1.90 | 3 |
| Asian | 91 | 1.4 | 4.2 | 1.86 | 0.34 | 0.04 | 1.50 | 1.70 | 1.8 | 2.00 | 2.23 | 16 |
| Black | 548 | 1.2 | 4.2 | 1.83 | 0.26 | 0.01 | 1.50 | 1.70 | 1.8 | 2.00 | 2.20 | 123 |
| LatinX | 100 | 1.3 | 2.5 | 1.89 | 0.23 | 0.02 | 1.50 | 1.75 | 1.9 | 2.00 | 2.20 | 29 |
| NHOPI | 4 | 1.6 | 2.4 | 2.00 | 0.40 | 0.20 | 1.64 | 1.80 | 2.0 | 2.20 | 2.36 | 1 |
| Other | 21 | 1.2 | 2.2 | 1.80 | 0.26 | 0.06 | 1.30 | 1.60 | 1.9 | 1.92 | 2.20 | 1 |
| PTNS | 5 | 1.6 | 1.9 | 1.73 | 0.13 | 0.06 | 1.62 | 1.67 | 1.7 | 1.75 | 1.87 | 1 |
| white | 1,240 | 1.3 | 3.0 | 1.99 | 0.26 | 0.01 | 1.60 | 1.80 | 2.0 | 2.15 | 2.40 | 257 |

#%>% set\_header\_labels(values = list(ProS\_L = "Subnasale/SubnasaleCont"))

#ProS\_L gender sumstats  
ProS\_Lgender\_sumstats <- headscan\_full %>%   
 group\_by(gender) %>%   
 summarise(n = n(),  
 min = min(ProS\_L, na.rm = TRUE),  
 max = max(ProS\_L, na.rm = TRUE),  
 mean = mean(ProS\_L, na.rm = TRUE),  
 sd = sd(ProS\_L, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(ProS\_L, 0.05, na.rm=TRUE),  
 percent25th = quantile(ProS\_L, 0.25, na.rm=TRUE),  
 percent50th = quantile(ProS\_L, 0.50, na.rm=TRUE),  
 percent75th = quantile(ProS\_L, 0.75, na.rm=TRUE),  
 percent95th = quantile(ProS\_L, 0.95, na.rm=TRUE),  
 na = sum(is.na(ProS\_L)))  
  
ProS\_Lgender\_sumstats <- ProS\_Lgender\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
#Size 12 Table TNR  
flextable(ProS\_Lgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Pronasale Subnasale Length SumStats by Gender")

**Table** : Pronasale Subnasale Length SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 1.2 | 4.2 | 1.88 | 0.27 | 0.01 | 1.50 | 1.70 | 1.90 | 2.00 | 2.30 | 219 |
| Male | 939 | 1.2 | 3.0 | 1.99 | 0.26 | 0.01 | 1.60 | 1.80 | 2.00 | 2.20 | 2.40 | 209 |
| Non-binary or Other | 5 | 1.5 | 1.8 | 1.65 | 0.21 | 0.09 | 1.51 | 1.57 | 1.65 | 1.73 | 1.79 | 3 |
| Prefer not to say | 1 | 1.7 | 1.7 | 1.70 |  |  | 1.70 | 1.70 | 1.70 | 1.70 | 1.70 | 0 |
|  | 8 | 1.4 | 2.1 | 1.77 | 0.29 | 0.10 | 1.44 | 1.58 | 1.70 | 2.10 | 2.10 | 0 |

#%>% set\_header\_labels(values = list(ProS\_L = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(ProS\_Lgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Pronasale Subnasale Length SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Pronasale Subnasale Length SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 1.2 | 4.2 | 1.88 | 0.27 | 0.01 | 1.50 | 1.70 | 1.90 | 2.00 | 2.30 | 219 |
| Male | 939 | 1.2 | 3.0 | 1.99 | 0.26 | 0.01 | 1.60 | 1.80 | 2.00 | 2.20 | 2.40 | 209 |
| Non-binary or Other | 5 | 1.5 | 1.8 | 1.65 | 0.21 | 0.09 | 1.51 | 1.57 | 1.65 | 1.73 | 1.79 | 3 |
| Prefer not to say | 1 | 1.7 | 1.7 | 1.70 |  |  | 1.70 | 1.70 | 1.70 | 1.70 | 1.70 | 0 |
|  | 8 | 1.4 | 2.1 | 1.77 | 0.29 | 0.10 | 1.44 | 1.58 | 1.70 | 2.10 | 2.10 | 0 |

#%>% set\_header\_labels(values = list(ProS\_L = "Subnasale/SubnasaleCont"))

#ProS\_L age group sumstats  
ProS\_Lage\_sumstats <- headscan\_full %>%   
 group\_by(age\_group) %>%   
 summarise(n = n(),  
 min = min(ProS\_L, na.rm = TRUE),  
 max = max(ProS\_L, na.rm = TRUE),  
 mean = mean(ProS\_L, na.rm = TRUE),  
 sd = sd(ProS\_L, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(ProS\_L, 0.05, na.rm=TRUE),  
 percent25th = quantile(ProS\_L, 0.25, na.rm=TRUE),  
 percent50th = quantile(ProS\_L, 0.50, na.rm=TRUE),  
 percent75th = quantile(ProS\_L, 0.75, na.rm=TRUE),  
 percent95th = quantile(ProS\_L, 0.95, na.rm=TRUE),  
 na = sum(is.na(ProS\_L)))  
  
ProS\_Lage\_sumstats <- ProS\_Lage\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(ProS\_Lage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Pronasale Subnasale Length SumStats by Gender")

**Table** : Pronasale Subnasale Length SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 1.2 | 3.0 | 1.88 | 0.25 | 0.01 | 1.5 | 1.7 | 1.9 | 2.0 | 2.3 | 186 |
| 37-54 | 940 | 1.2 | 4.2 | 1.97 | 0.29 | 0.01 | 1.5 | 1.8 | 2.0 | 2.1 | 2.4 | 221 |
| 55-72 | 84 | 1.3 | 2.6 | 2.01 | 0.24 | 0.03 | 1.7 | 1.9 | 2.0 | 2.2 | 2.4 | 24 |
|  | 1 | 2.3 | 2.3 | 2.30 |  |  | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 0 |

#%>% set\_header\_labels(values = list(ProS\_L = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(ProS\_Lage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Pronasale Subnasale Length SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Pronasale Subnasale Length SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 1.2 | 3.0 | 1.88 | 0.25 | 0.01 | 1.5 | 1.7 | 1.9 | 2.0 | 2.3 | 186 |
| 37-54 | 940 | 1.2 | 4.2 | 1.97 | 0.29 | 0.01 | 1.5 | 1.8 | 2.0 | 2.1 | 2.4 | 221 |
| 55-72 | 84 | 1.3 | 2.6 | 2.01 | 0.24 | 0.03 | 1.7 | 1.9 | 2.0 | 2.2 | 2.4 | 24 |
|  | 1 | 2.3 | 2.3 | 2.30 |  |  | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 0 |

#%>% set\_header\_labels(values = list(ProS\_L = "Subnasale/SubnasaleCont"))

ProS\_C

#ProS\_C race/eth sumstats  
ProS\_Crace\_sumstats <- headscan\_full %>%   
 group\_by(race\_eth) %>%   
 summarise(n = n(),  
 min = min(ProS\_C, na.rm = TRUE),  
 max = max(ProS\_C, na.rm = TRUE),  
 mean = mean(ProS\_C, na.rm = TRUE),  
 sd = sd(ProS\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(ProS\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(ProS\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(ProS\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(ProS\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(ProS\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(ProS\_C)))   
  
ProS\_Crace\_sumstats <- ProS\_Crace\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(ProS\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Pronasale Subnasale Contour SumStats by Race/Ethnicity")

**Table** : Pronasale Subnasale Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 2.0 | 2.3 | 2.06 | 0.13 | 0.05 | 2.00 | 2.00 | 2.0 | 2.00 | 2.24 | 3 |
| Asian | 91 | 1.5 | 4.2 | 2.04 | 0.39 | 0.04 | 1.60 | 1.80 | 2.0 | 2.20 | 2.63 | 16 |
| Black | 548 | 1.3 | 4.2 | 2.02 | 0.35 | 0.01 | 1.60 | 1.80 | 2.0 | 2.20 | 2.50 | 125 |
| LatinX | 100 | 1.4 | 2.9 | 2.09 | 0.29 | 0.03 | 1.65 | 1.90 | 2.1 | 2.30 | 2.55 | 29 |
| NHOPI | 4 | 1.7 | 2.9 | 2.30 | 0.60 | 0.30 | 1.76 | 2.00 | 2.3 | 2.60 | 2.84 | 1 |
| Other | 21 | 1.3 | 2.6 | 1.96 | 0.32 | 0.07 | 1.30 | 1.78 | 2.1 | 2.10 | 2.41 | 1 |
| PTNS | 5 | 1.7 | 2.1 | 1.85 | 0.17 | 0.08 | 1.71 | 1.78 | 1.8 | 1.88 | 2.05 | 1 |
| white | 1,240 | 1.3 | 3.4 | 2.18 | 0.31 | 0.01 | 1.70 | 2.00 | 2.2 | 2.40 | 2.70 | 267 |

#%>% set\_header\_Cabels(values = list(ProS\_C = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(ProS\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Pronasale Subnasale Contour SumStats by Race/Ethnicity") %>%   
 fit\_to\_width(7.5)

**Table** : Pronasale Subnasale Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 2.0 | 2.3 | 2.06 | 0.13 | 0.05 | 2.00 | 2.00 | 2.0 | 2.00 | 2.24 | 3 |
| Asian | 91 | 1.5 | 4.2 | 2.04 | 0.39 | 0.04 | 1.60 | 1.80 | 2.0 | 2.20 | 2.63 | 16 |
| Black | 548 | 1.3 | 4.2 | 2.02 | 0.35 | 0.01 | 1.60 | 1.80 | 2.0 | 2.20 | 2.50 | 125 |
| LatinX | 100 | 1.4 | 2.9 | 2.09 | 0.29 | 0.03 | 1.65 | 1.90 | 2.1 | 2.30 | 2.55 | 29 |
| NHOPI | 4 | 1.7 | 2.9 | 2.30 | 0.60 | 0.30 | 1.76 | 2.00 | 2.3 | 2.60 | 2.84 | 1 |
| Other | 21 | 1.3 | 2.6 | 1.96 | 0.32 | 0.07 | 1.30 | 1.78 | 2.1 | 2.10 | 2.41 | 1 |
| PTNS | 5 | 1.7 | 2.1 | 1.85 | 0.17 | 0.08 | 1.71 | 1.78 | 1.8 | 1.88 | 2.05 | 1 |
| white | 1,240 | 1.3 | 3.4 | 2.18 | 0.31 | 0.01 | 1.70 | 2.00 | 2.2 | 2.40 | 2.70 | 267 |

#%>% set\_header\_Cabels(values = list(ProS\_C = "Subnasale/SubnasaleCont"))

#ProS\_C gender sumstats  
ProS\_Cgender\_sumstats <- headscan\_full %>%   
 group\_by(gender) %>%   
 summarise(n = n(),  
 min = min(ProS\_C, na.rm = TRUE),  
 max = max(ProS\_C, na.rm = TRUE),  
 mean = mean(ProS\_C, na.rm = TRUE),  
 sd = sd(ProS\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(ProS\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(ProS\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(ProS\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(ProS\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(ProS\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(ProS\_C)))  
  
ProS\_Cgender\_sumstats <- ProS\_Cgender\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
#Size 12 Table TNR  
flextable(ProS\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Pronasale Subnasale Contour SumStats by Gender")

**Table** : Pronasale Subnasale Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 1.3 | 4.2 | 2.06 | 0.31 | 0.01 | 1.60 | 1.90 | 2.0 | 2.20 | 2.50 | 220 |
| Male | 939 | 1.3 | 3.9 | 2.20 | 0.33 | 0.01 | 1.70 | 2.00 | 2.2 | 2.40 | 2.71 | 220 |
| Non-binary or Other | 5 | 1.7 | 1.9 | 1.80 | 0.14 | 0.06 | 1.71 | 1.75 | 1.8 | 1.85 | 1.89 | 3 |
| Prefer not to say | 1 | 1.8 | 1.8 | 1.80 |  |  | 1.80 | 1.80 | 1.8 | 1.80 | 1.80 | 0 |
|  | 8 | 1.5 | 2.4 | 1.95 | 0.35 | 0.12 | 1.54 | 1.67 | 1.9 | 2.30 | 2.36 | 0 |

#%>% set\_header\_Cabels(values = list(ProS\_C = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(ProS\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Pronasale Subnasale Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Pronasale Subnasale Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 1.3 | 4.2 | 2.06 | 0.31 | 0.01 | 1.60 | 1.90 | 2.0 | 2.20 | 2.50 | 220 |
| Male | 939 | 1.3 | 3.9 | 2.20 | 0.33 | 0.01 | 1.70 | 2.00 | 2.2 | 2.40 | 2.71 | 220 |
| Non-binary or Other | 5 | 1.7 | 1.9 | 1.80 | 0.14 | 0.06 | 1.71 | 1.75 | 1.8 | 1.85 | 1.89 | 3 |
| Prefer not to say | 1 | 1.8 | 1.8 | 1.80 |  |  | 1.80 | 1.80 | 1.8 | 1.80 | 1.80 | 0 |
|  | 8 | 1.5 | 2.4 | 1.95 | 0.35 | 0.12 | 1.54 | 1.67 | 1.9 | 2.30 | 2.36 | 0 |

#%>% set\_header\_Cabels(values = list(ProS\_C = "Subnasale/SubnasaleCont"))

#ProS\_C age group sumstats  
ProS\_Cage\_sumstats <- headscan\_full %>%   
 group\_by(age\_group) %>%   
 summarise(n = n(),  
 min = min(ProS\_C, na.rm = TRUE),  
 max = max(ProS\_C, na.rm = TRUE),  
 mean = mean(ProS\_C, na.rm = TRUE),  
 sd = sd(ProS\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(ProS\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(ProS\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(ProS\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(ProS\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(ProS\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(ProS\_C)))  
  
ProS\_Cage\_sumstats <- ProS\_Cage\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(ProS\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Pronasale Subnasale Contour SumStats by Gender")

**Table** : Pronasale Subnasale Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 1.3 | 3.9 | 2.07 | 0.30 | 0.01 | 1.60 | 1.9 | 2.1 | 2.3 | 2.50 | 192 |
| 37-54 | 940 | 1.3 | 4.2 | 2.18 | 0.35 | 0.01 | 1.66 | 1.9 | 2.2 | 2.4 | 2.70 | 226 |
| 55-72 | 84 | 1.5 | 3.2 | 2.22 | 0.30 | 0.03 | 1.80 | 2.0 | 2.2 | 2.4 | 2.71 | 25 |
|  | 1 | 2.5 | 2.5 | 2.50 |  |  | 2.50 | 2.5 | 2.5 | 2.5 | 2.50 | 0 |

#%>% set\_header\_Cabels(values = list(ProS\_C = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(ProS\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Pronasale Subnasale Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Pronasale Subnasale Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 1.3 | 3.9 | 2.07 | 0.30 | 0.01 | 1.60 | 1.9 | 2.1 | 2.3 | 2.50 | 192 |
| 37-54 | 940 | 1.3 | 4.2 | 2.18 | 0.35 | 0.01 | 1.66 | 1.9 | 2.2 | 2.4 | 2.70 | 226 |
| 55-72 | 84 | 1.5 | 3.2 | 2.22 | 0.30 | 0.03 | 1.80 | 2.0 | 2.2 | 2.4 | 2.71 | 25 |
|  | 1 | 2.5 | 2.5 | 2.50 |  |  | 2.50 | 2.5 | 2.5 | 2.5 | 2.50 | 0 |

#%>% set\_header\_Cabels(values = list(ProS\_C = "Subnasale/SubnasaleCont"))

SelP\_L

#SelP\_L race/eth sumstats  
SelP\_Lrace\_sumstats <- headscan\_full %>%   
 group\_by(race\_eth) %>%   
 summarise(n = n(),  
 min = min(SelP\_L, na.rm = TRUE),  
 max = max(SelP\_L, na.rm = TRUE),  
 mean = mean(SelP\_L, na.rm = TRUE),  
 sd = sd(SelP\_L, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(SelP\_L, 0.05, na.rm=TRUE),  
 percent25th = quantile(SelP\_L, 0.25, na.rm=TRUE),  
 percent50th = quantile(SelP\_L, 0.50, na.rm=TRUE),  
 percent75th = quantile(SelP\_L, 0.75, na.rm=TRUE),  
 percent95th = quantile(SelP\_L, 0.95, na.rm=TRUE),  
 na = sum(is.na(SelP\_L)))   
  
SelP\_Lrace\_sumstats <- SelP\_Lrace\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(SelP\_Lrace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Sellion to Pronasale Length SumStats by Race/Ethnicity")

**Table** : Sellion to Pronasale Length SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 4.0 | 5.2 | 4.66 | 0.43 | 0.15 | 4.12 | 4.60 | 4.7 | 4.80 | 5.12 | 3 |
| Asian | 91 | 3.6 | 5.4 | 4.35 | 0.39 | 0.04 | 3.77 | 4.05 | 4.4 | 4.60 | 5.10 | 16 |
| Black | 548 | 3.0 | 5.7 | 4.30 | 0.42 | 0.02 | 3.60 | 4.00 | 4.3 | 4.60 | 4.90 | 123 |
| LatinX | 100 | 3.4 | 5.4 | 4.51 | 0.40 | 0.04 | 3.80 | 4.30 | 4.5 | 4.70 | 5.15 | 29 |
| NHOPI | 4 | 3.9 | 4.8 | 4.37 | 0.45 | 0.23 | 3.95 | 4.15 | 4.4 | 4.60 | 4.76 | 1 |
| Other | 21 | 3.7 | 5.5 | 4.58 | 0.39 | 0.08 | 4.08 | 4.40 | 4.6 | 4.73 | 5.12 | 1 |
| PTNS | 5 | 4.0 | 4.5 | 4.22 | 0.21 | 0.09 | 4.03 | 4.15 | 4.2 | 4.28 | 4.46 | 1 |
| white | 1,240 | 1.6 | 5.8 | 4.48 | 0.43 | 0.01 | 3.80 | 4.20 | 4.5 | 4.70 | 5.20 | 253 |

#%>% set\_header\_Cabels(values = list(SelP\_L = "Sellion/SellionCont"))  
  
#Autofit Width Table TNR  
flextable(SelP\_Lrace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Sellion to Pronasale Length SumStats by Race/Ethnicity") %>%   
 fit\_to\_width(7.5)

**Table** : Sellion to Pronasale Length SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 4.0 | 5.2 | 4.66 | 0.43 | 0.15 | 4.12 | 4.60 | 4.7 | 4.80 | 5.12 | 3 |
| Asian | 91 | 3.6 | 5.4 | 4.35 | 0.39 | 0.04 | 3.77 | 4.05 | 4.4 | 4.60 | 5.10 | 16 |
| Black | 548 | 3.0 | 5.7 | 4.30 | 0.42 | 0.02 | 3.60 | 4.00 | 4.3 | 4.60 | 4.90 | 123 |
| LatinX | 100 | 3.4 | 5.4 | 4.51 | 0.40 | 0.04 | 3.80 | 4.30 | 4.5 | 4.70 | 5.15 | 29 |
| NHOPI | 4 | 3.9 | 4.8 | 4.37 | 0.45 | 0.23 | 3.95 | 4.15 | 4.4 | 4.60 | 4.76 | 1 |
| Other | 21 | 3.7 | 5.5 | 4.58 | 0.39 | 0.08 | 4.08 | 4.40 | 4.6 | 4.73 | 5.12 | 1 |
| PTNS | 5 | 4.0 | 4.5 | 4.22 | 0.21 | 0.09 | 4.03 | 4.15 | 4.2 | 4.28 | 4.46 | 1 |
| white | 1,240 | 1.6 | 5.8 | 4.48 | 0.43 | 0.01 | 3.80 | 4.20 | 4.5 | 4.70 | 5.20 | 253 |

#%>% set\_header\_Cabels(values = list(SelP\_L = "Sellion/SellionCont"))

#SelP\_L gender sumstats  
SelP\_Lgender\_sumstats <- headscan\_full %>%   
 group\_by(gender) %>%   
 summarise(n = n(),  
 min = min(SelP\_L, na.rm = TRUE),  
 max = max(SelP\_L, na.rm = TRUE),  
 mean = mean(SelP\_L, na.rm = TRUE),  
 sd = sd(SelP\_L, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(SelP\_L, 0.05, na.rm=TRUE),  
 percent25th = quantile(SelP\_L, 0.25, na.rm=TRUE),  
 percent50th = quantile(SelP\_L, 0.50, na.rm=TRUE),  
 percent75th = quantile(SelP\_L, 0.75, na.rm=TRUE),  
 percent95th = quantile(SelP\_L, 0.95, na.rm=TRUE),  
 na = sum(is.na(SelP\_L)))  
  
SelP\_Lgender\_sumstats <- SelP\_Lgender\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
#Size 12 Table TNR  
flextable(SelP\_Lgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Sellion to Pronasale Length SumStats by Gender")

**Table** : Sellion to Pronasale Length SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 1.6 | 5.5 | 4.27 | 0.39 | 0.01 | 3.70 | 4.00 | 4.30 | 4.50 | 4.80 | 218 |
| Male | 939 | 3.1 | 5.8 | 4.62 | 0.40 | 0.01 | 4.00 | 4.30 | 4.60 | 4.90 | 5.30 | 206 |
| Non-binary or Other | 5 | 3.6 | 3.9 | 3.75 | 0.21 | 0.09 | 3.62 | 3.68 | 3.75 | 3.82 | 3.88 | 3 |
| Prefer not to say | 1 | 4.0 | 4.0 | 4.00 |  |  | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 0 |
|  | 8 | 3.7 | 5.1 | 4.12 | 0.43 | 0.15 | 3.74 | 3.95 | 4.00 | 4.15 | 4.82 | 0 |

#%>% set\_header\_Cabels(values = list(SelP\_L = "Sellion/SellionCont"))  
  
#Autofit Width Table TNR  
flextable(SelP\_Lgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Sellion to Pronasale Length SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Sellion to Pronasale Length SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 1.6 | 5.5 | 4.27 | 0.39 | 0.01 | 3.70 | 4.00 | 4.30 | 4.50 | 4.80 | 218 |
| Male | 939 | 3.1 | 5.8 | 4.62 | 0.40 | 0.01 | 4.00 | 4.30 | 4.60 | 4.90 | 5.30 | 206 |
| Non-binary or Other | 5 | 3.6 | 3.9 | 3.75 | 0.21 | 0.09 | 3.62 | 3.68 | 3.75 | 3.82 | 3.88 | 3 |
| Prefer not to say | 1 | 4.0 | 4.0 | 4.00 |  |  | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 0 |
|  | 8 | 3.7 | 5.1 | 4.12 | 0.43 | 0.15 | 3.74 | 3.95 | 4.00 | 4.15 | 4.82 | 0 |

#%>% set\_header\_Cabels(values = list(SelP\_L = "Sellion/SellionCont"))

#SelP\_L age group sumstats  
SelP\_Lage\_sumstats <- headscan\_full %>%   
 group\_by(age\_group) %>%   
 summarise(n = n(),  
 min = min(SelP\_L, na.rm = TRUE),  
 max = max(SelP\_L, na.rm = TRUE),  
 mean = mean(SelP\_L, na.rm = TRUE),  
 sd = sd(SelP\_L, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(SelP\_L, 0.05, na.rm=TRUE),  
 percent25th = quantile(SelP\_L, 0.25, na.rm=TRUE),  
 percent50th = quantile(SelP\_L, 0.50, na.rm=TRUE),  
 percent75th = quantile(SelP\_L, 0.75, na.rm=TRUE),  
 percent95th = quantile(SelP\_L, 0.95, na.rm=TRUE),  
 na = sum(is.na(SelP\_L)))  
  
SelP\_Lage\_sumstats <- SelP\_Lage\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(SelP\_Lage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Sellion to Pronasale Length SumStats by Gender")

**Table** : Sellion to Pronasale Length SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 3.1 | 5.7 | 4.41 | 0.42 | 0.01 | 3.7 | 4.1 | 4.4 | 4.7 | 5.1 | 185 |
| 37-54 | 940 | 1.6 | 5.8 | 4.44 | 0.45 | 0.01 | 3.7 | 4.2 | 4.5 | 4.7 | 5.2 | 219 |
| 55-72 | 84 | 3.7 | 5.8 | 4.51 | 0.40 | 0.04 | 4.0 | 4.3 | 4.4 | 4.7 | 5.2 | 23 |
|  | 1 | 4.3 | 4.3 | 4.30 |  |  | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 0 |

#%>% set\_header\_Cabels(values = list(SelP\_L = "Sellion/SellionCont"))  
  
#Autofit Width Table TNR  
flextable(SelP\_Lage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Sellion to Pronasale Length SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Sellion to Pronasale Length SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 3.1 | 5.7 | 4.41 | 0.42 | 0.01 | 3.7 | 4.1 | 4.4 | 4.7 | 5.1 | 185 |
| 37-54 | 940 | 1.6 | 5.8 | 4.44 | 0.45 | 0.01 | 3.7 | 4.2 | 4.5 | 4.7 | 5.2 | 219 |
| 55-72 | 84 | 3.7 | 5.8 | 4.51 | 0.40 | 0.04 | 4.0 | 4.3 | 4.4 | 4.7 | 5.2 | 23 |
|  | 1 | 4.3 | 4.3 | 4.30 |  |  | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 0 |

#%>% set\_header\_Cabels(values = list(SelP\_L = "Sellion/SellionCont"))

SelP\_C

#SelP\_C race/eth sumstats  
SelP\_Crace\_sumstats <- headscan\_full %>%   
 group\_by(race\_eth) %>%   
 summarise(n = n(),  
 min = min(SelP\_C, na.rm = TRUE),  
 max = max(SelP\_C, na.rm = TRUE),  
 mean = mean(SelP\_C, na.rm = TRUE),  
 sd = sd(SelP\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(SelP\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(SelP\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(SelP\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(SelP\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(SelP\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(SelP\_C)))   
  
SelP\_Crace\_sumstats <- SelP\_Crace\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(SelP\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Sellion to Pronasale Contour SumStats by Race/Ethnicity")

**Table** : Sellion to Pronasale Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 4.0 | 5.2 | 4.72 | 0.44 | 0.16 | 4.14 | 4.70 | 4.80 | 4.90 | 5.14 | 3 |
| Asian | 91 | 3.6 | 5.5 | 4.40 | 0.41 | 0.04 | 3.84 | 4.05 | 4.40 | 4.60 | 5.10 | 16 |
| Black | 548 | 3.0 | 5.8 | 4.35 | 0.43 | 0.02 | 3.60 | 4.00 | 4.40 | 4.60 | 5.00 | 123 |
| LatinX | 100 | 3.4 | 5.5 | 4.55 | 0.41 | 0.04 | 3.85 | 4.30 | 4.50 | 4.75 | 5.25 | 29 |
| NHOPI | 4 | 4.0 | 4.8 | 4.40 | 0.40 | 0.20 | 4.04 | 4.20 | 4.40 | 4.60 | 4.76 | 1 |
| Other | 21 | 3.8 | 5.5 | 4.64 | 0.40 | 0.09 | 4.08 | 4.40 | 4.60 | 4.82 | 5.22 | 1 |
| PTNS | 5 | 4.1 | 4.6 | 4.30 | 0.22 | 0.10 | 4.11 | 4.18 | 4.25 | 4.38 | 4.56 | 1 |
| white | 1,240 | 1.8 | 5.9 | 4.52 | 0.44 | 0.01 | 3.80 | 4.20 | 4.50 | 4.80 | 5.27 | 253 |

#%>% set\_header\_Cabels(values = list(SelP\_C = "Sellion/SellionCont"))  
  
#Autofit Width Table TNR  
flextable(SelP\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Sellion to Pronasale Contour SumStats by Race/Ethnicity") %>%   
 fit\_to\_width(7.5)

**Table** : Sellion to Pronasale Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 4.0 | 5.2 | 4.72 | 0.44 | 0.16 | 4.14 | 4.70 | 4.80 | 4.90 | 5.14 | 3 |
| Asian | 91 | 3.6 | 5.5 | 4.40 | 0.41 | 0.04 | 3.84 | 4.05 | 4.40 | 4.60 | 5.10 | 16 |
| Black | 548 | 3.0 | 5.8 | 4.35 | 0.43 | 0.02 | 3.60 | 4.00 | 4.40 | 4.60 | 5.00 | 123 |
| LatinX | 100 | 3.4 | 5.5 | 4.55 | 0.41 | 0.04 | 3.85 | 4.30 | 4.50 | 4.75 | 5.25 | 29 |
| NHOPI | 4 | 4.0 | 4.8 | 4.40 | 0.40 | 0.20 | 4.04 | 4.20 | 4.40 | 4.60 | 4.76 | 1 |
| Other | 21 | 3.8 | 5.5 | 4.64 | 0.40 | 0.09 | 4.08 | 4.40 | 4.60 | 4.82 | 5.22 | 1 |
| PTNS | 5 | 4.1 | 4.6 | 4.30 | 0.22 | 0.10 | 4.11 | 4.18 | 4.25 | 4.38 | 4.56 | 1 |
| white | 1,240 | 1.8 | 5.9 | 4.52 | 0.44 | 0.01 | 3.80 | 4.20 | 4.50 | 4.80 | 5.27 | 253 |

#%>% set\_header\_Cabels(values = list(SelP\_C = "Sellion/SellionCont"))

#SelP\_C gender sumstats  
SelP\_Cgender\_sumstats <- headscan\_full %>%   
 group\_by(gender) %>%   
 summarise(n = n(),  
 min = min(SelP\_C, na.rm = TRUE),  
 max = max(SelP\_C, na.rm = TRUE),  
 mean = mean(SelP\_C, na.rm = TRUE),  
 sd = sd(SelP\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(SelP\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(SelP\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(SelP\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(SelP\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(SelP\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(SelP\_C)))  
  
SelP\_Cgender\_sumstats <- SelP\_Cgender\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
#Size 12 Table TNR  
flextable(SelP\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Sellion to Pronasale Contour SumStats by Gender")

**Table** : Sellion to Pronasale Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 1.8 | 5.6 | 4.30 | 0.39 | 0.01 | 3.70 | 4.00 | 4.30 | 4.60 | 4.90 | 218 |
| Male | 939 | 3.1 | 5.9 | 4.67 | 0.41 | 0.01 | 4.00 | 4.40 | 4.70 | 4.90 | 5.34 | 206 |
| Non-binary or Other | 5 | 3.6 | 3.9 | 3.75 | 0.21 | 0.09 | 3.62 | 3.68 | 3.75 | 3.82 | 3.88 | 3 |
| Prefer not to say | 1 | 4.1 | 4.1 | 4.10 |  |  | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 0 |
|  | 8 | 3.8 | 5.1 | 4.15 | 0.42 | 0.15 | 3.80 | 3.95 | 4.00 | 4.23 | 4.82 | 0 |

#%>% set\_header\_Cabels(values = list(SelP\_C = "Sellion/SellionCont"))  
  
#Autofit Width Table TNR  
flextable(SelP\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Sellion to Pronasale Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Sellion to Pronasale Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 1.8 | 5.6 | 4.30 | 0.39 | 0.01 | 3.70 | 4.00 | 4.30 | 4.60 | 4.90 | 218 |
| Male | 939 | 3.1 | 5.9 | 4.67 | 0.41 | 0.01 | 4.00 | 4.40 | 4.70 | 4.90 | 5.34 | 206 |
| Non-binary or Other | 5 | 3.6 | 3.9 | 3.75 | 0.21 | 0.09 | 3.62 | 3.68 | 3.75 | 3.82 | 3.88 | 3 |
| Prefer not to say | 1 | 4.1 | 4.1 | 4.10 |  |  | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 0 |
|  | 8 | 3.8 | 5.1 | 4.15 | 0.42 | 0.15 | 3.80 | 3.95 | 4.00 | 4.23 | 4.82 | 0 |

#%>% set\_header\_Cabels(values = list(SelP\_C = "Sellion/SellionCont"))

#SelP\_C age group sumstats  
SelP\_Cage\_sumstats <- headscan\_full %>%   
 group\_by(age\_group) %>%   
 summarise(n = n(),  
 min = min(SelP\_C, na.rm = TRUE),  
 max = max(SelP\_C, na.rm = TRUE),  
 mean = mean(SelP\_C, na.rm = TRUE),  
 sd = sd(SelP\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(SelP\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(SelP\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(SelP\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(SelP\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(SelP\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(SelP\_C)))  
  
SelP\_Cage\_sumstats <- SelP\_Cage\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(SelP\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Sellion to Pronasale Contour SumStats by Gender")

**Table** : Sellion to Pronasale Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 3.1 | 5.8 | 4.45 | 0.43 | 0.01 | 3.8 | 4.2 | 4.4 | 4.7 | 5.2 | 185 |
| 37-54 | 940 | 1.8 | 5.9 | 4.49 | 0.46 | 0.01 | 3.8 | 4.2 | 4.5 | 4.8 | 5.3 | 219 |
| 55-72 | 84 | 3.8 | 5.8 | 4.56 | 0.40 | 0.04 | 4.1 | 4.3 | 4.4 | 4.8 | 5.2 | 23 |
|  | 1 | 4.3 | 4.3 | 4.30 |  |  | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 0 |

#%>% set\_header\_Cabels(values = list(SelP\_C = "Sellion/SellionCont"))  
  
#Autofit Width Table TNR  
flextable(SelP\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Sellion to Pronasale Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Sellion to Pronasale Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 3.1 | 5.8 | 4.45 | 0.43 | 0.01 | 3.8 | 4.2 | 4.4 | 4.7 | 5.2 | 185 |
| 37-54 | 940 | 1.8 | 5.9 | 4.49 | 0.46 | 0.01 | 3.8 | 4.2 | 4.5 | 4.8 | 5.3 | 219 |
| 55-72 | 84 | 3.8 | 5.8 | 4.56 | 0.40 | 0.04 | 4.1 | 4.3 | 4.4 | 4.8 | 5.2 | 23 |
|  | 1 | 4.3 | 4.3 | 4.30 |  |  | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 0 |

#%>% set\_header\_Cabels(values = list(SelP\_C = "Sellion/SellionCont"))

SelDH\_C

#SelDH\_C race/eth sumstats  
SelDH\_Crace\_sumstats <- headscan\_full %>%   
 group\_by(race\_eth) %>%   
 summarise(n = n(),  
 min = min(SelDH\_C, na.rm = TRUE),  
 max = max(SelDH\_C, na.rm = TRUE),  
 mean = mean(SelDH\_C, na.rm = TRUE),  
 sd = sd(SelDH\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(SelDH\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(SelDH\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(SelDH\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(SelDH\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(SelDH\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(SelDH\_C)))   
  
SelDH\_Crace\_sumstats <- SelDH\_Crace\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(SelDH\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Sellion to Dorsal Hump Contour SumStats by Race/Ethnicity")

**Table** : Sellion to Dorsal Hump Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 0.8 | 1.5 | 1.28 | 0.28 | 0.10 | 0.90 | 1.30 | 1.40 | 1.4 | 1.48 | 3 |
| Asian | 91 | 0.8 | 2.0 | 1.31 | 0.25 | 0.03 | 1.00 | 1.10 | 1.30 | 1.4 | 1.83 | 16 |
| Black | 548 | 0.6 | 2.1 | 1.25 | 0.27 | 0.01 | 0.80 | 1.10 | 1.20 | 1.4 | 1.70 | 122 |
| LatinX | 100 | 0.7 | 2.0 | 1.34 | 0.29 | 0.03 | 0.85 | 1.20 | 1.30 | 1.5 | 1.80 | 29 |
| NHOPI | 4 | 1.2 | 1.7 | 1.47 | 0.25 | 0.13 | 1.23 | 1.35 | 1.50 | 1.6 | 1.68 | 1 |
| Other | 21 | 0.8 | 2.8 | 1.28 | 0.44 | 0.10 | 0.90 | 1.00 | 1.20 | 1.5 | 1.66 | 1 |
| PTNS | 5 | 0.4 | 1.2 | 0.98 | 0.39 | 0.17 | 0.50 | 0.92 | 1.15 | 1.2 | 1.20 | 1 |
| white | 1,240 | 0.1 | 5.0 | 1.32 | 0.30 | 0.01 | 0.90 | 1.10 | 1.30 | 1.5 | 1.80 | 253 |

#%>% set\_header\_Cabels(values = list(SelDH\_C = "Sellion/SellionCont"))  
  
#Autofit Width Table TNR  
flextable(SelDH\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Sellion to Dorsal Hump Contour SumStats by Race/Ethnicity") %>%   
 fit\_to\_width(7.5)

**Table** : Sellion to Dorsal Hump Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 0.8 | 1.5 | 1.28 | 0.28 | 0.10 | 0.90 | 1.30 | 1.40 | 1.4 | 1.48 | 3 |
| Asian | 91 | 0.8 | 2.0 | 1.31 | 0.25 | 0.03 | 1.00 | 1.10 | 1.30 | 1.4 | 1.83 | 16 |
| Black | 548 | 0.6 | 2.1 | 1.25 | 0.27 | 0.01 | 0.80 | 1.10 | 1.20 | 1.4 | 1.70 | 122 |
| LatinX | 100 | 0.7 | 2.0 | 1.34 | 0.29 | 0.03 | 0.85 | 1.20 | 1.30 | 1.5 | 1.80 | 29 |
| NHOPI | 4 | 1.2 | 1.7 | 1.47 | 0.25 | 0.13 | 1.23 | 1.35 | 1.50 | 1.6 | 1.68 | 1 |
| Other | 21 | 0.8 | 2.8 | 1.28 | 0.44 | 0.10 | 0.90 | 1.00 | 1.20 | 1.5 | 1.66 | 1 |
| PTNS | 5 | 0.4 | 1.2 | 0.98 | 0.39 | 0.17 | 0.50 | 0.92 | 1.15 | 1.2 | 1.20 | 1 |
| white | 1,240 | 0.1 | 5.0 | 1.32 | 0.30 | 0.01 | 0.90 | 1.10 | 1.30 | 1.5 | 1.80 | 253 |

#%>% set\_header\_Cabels(values = list(SelDH\_C = "Sellion/SellionCont"))

#SelDH\_C gender sumstats  
SelDH\_Cgender\_sumstats <- headscan\_full %>%   
 group\_by(gender) %>%   
 summarise(n = n(),  
 min = min(SelDH\_C, na.rm = TRUE),  
 max = max(SelDH\_C, na.rm = TRUE),  
 mean = mean(SelDH\_C, na.rm = TRUE),  
 sd = sd(SelDH\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(SelDH\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(SelDH\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(SelDH\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(SelDH\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(SelDH\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(SelDH\_C)))  
  
SelDH\_Cgender\_sumstats <- SelDH\_Cgender\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
#Size 12 Table TNR  
flextable(SelDH\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Sellion to Dorsal Hump Contour SumStats by Gender")

**Table** : Sellion to Dorsal Hump Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 0.1 | 5.0 | 1.25 | 0.30 | 0.01 | 0.80 | 1.1 | 1.30 | 1.40 | 1.7 | 217 |
| Male | 939 | 0.4 | 2.8 | 1.36 | 0.28 | 0.01 | 0.90 | 1.2 | 1.30 | 1.50 | 1.8 | 206 |
| Non-binary or Other | 5 | 0.9 | 0.9 | 0.90 | 0.00 | 0.00 | 0.90 | 0.9 | 0.90 | 0.90 | 0.9 | 3 |
| Prefer not to say | 1 | 1.2 | 1.2 | 1.20 |  |  | 1.20 | 1.2 | 1.20 | 1.20 | 1.2 | 0 |
|  | 8 | 0.6 | 1.4 | 0.98 | 0.30 | 0.10 | 0.67 | 0.8 | 0.85 | 1.18 | 1.4 | 0 |

#%>% set\_header\_Cabels(values = list(SelDH\_C = "Sellion/SellionCont"))  
  
#Autofit Width Table TNR  
flextable(SelDH\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Sellion to Dorsal Hump Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Sellion to Dorsal Hump Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 0.1 | 5.0 | 1.25 | 0.30 | 0.01 | 0.80 | 1.1 | 1.30 | 1.40 | 1.7 | 217 |
| Male | 939 | 0.4 | 2.8 | 1.36 | 0.28 | 0.01 | 0.90 | 1.2 | 1.30 | 1.50 | 1.8 | 206 |
| Non-binary or Other | 5 | 0.9 | 0.9 | 0.90 | 0.00 | 0.00 | 0.90 | 0.9 | 0.90 | 0.90 | 0.9 | 3 |
| Prefer not to say | 1 | 1.2 | 1.2 | 1.20 |  |  | 1.20 | 1.2 | 1.20 | 1.20 | 1.2 | 0 |
|  | 8 | 0.6 | 1.4 | 0.98 | 0.30 | 0.10 | 0.67 | 0.8 | 0.85 | 1.18 | 1.4 | 0 |

#%>% set\_header\_Cabels(values = list(SelDH\_C = "Sellion/SellionCont"))

#SelDH\_C age group sumstats  
SelDH\_Cage\_sumstats <- headscan\_full %>%   
 group\_by(age\_group) %>%   
 summarise(n = n(),  
 min = min(SelDH\_C, na.rm = TRUE),  
 max = max(SelDH\_C, na.rm = TRUE),  
 mean = mean(SelDH\_C, na.rm = TRUE),  
 sd = sd(SelDH\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(SelDH\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(SelDH\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(SelDH\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(SelDH\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(SelDH\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(SelDH\_C)))  
  
SelDH\_Cage\_sumstats <- SelDH\_Cage\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(SelDH\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Sellion to Dorsal Hump Contour SumStats by Gender")

**Table** : Sellion to Dorsal Hump Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 0.2 | 2.8 | 1.30 | 0.27 | 0.01 | 0.9 | 1.1 | 1.3 | 1.5 | 1.8 | 185 |
| 37-54 | 940 | 0.1 | 5.0 | 1.30 | 0.32 | 0.01 | 0.9 | 1.1 | 1.3 | 1.5 | 1.8 | 218 |
| 55-72 | 84 | 0.6 | 2.1 | 1.32 | 0.30 | 0.03 | 1.0 | 1.1 | 1.3 | 1.5 | 1.8 | 23 |
|  | 1 | 1.3 | 1.3 | 1.30 |  |  | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 0 |

#%>% set\_header\_Cabels(values = list(SelDH\_C = "Sellion/SellionCont"))  
  
#Autofit Width Table TNR  
flextable(SelDH\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Sellion to Dorsal Hump Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Sellion to Dorsal Hump Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 0.2 | 2.8 | 1.30 | 0.27 | 0.01 | 0.9 | 1.1 | 1.3 | 1.5 | 1.8 | 185 |
| 37-54 | 940 | 0.1 | 5.0 | 1.30 | 0.32 | 0.01 | 0.9 | 1.1 | 1.3 | 1.5 | 1.8 | 218 |
| 55-72 | 84 | 0.6 | 2.1 | 1.32 | 0.30 | 0.03 | 1.0 | 1.1 | 1.3 | 1.5 | 1.8 | 23 |
|  | 1 | 1.3 | 1.3 | 1.30 |  |  | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 0 |

#%>% set\_header\_Cabels(values = list(SelDH\_C = "Sellion/SellionCont"))

SelM\_L

#SelM\_L race/eth sumstats  
SelM\_Lrace\_sumstats <- headscan\_full %>%   
 group\_by(race\_eth) %>%   
 summarise(n = n(),  
 min = min(SelM\_L, na.rm = TRUE),  
 max = max(SelM\_L, na.rm = TRUE),  
 mean = mean(SelM\_L, na.rm = TRUE),  
 sd = sd(SelM\_L, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(SelM\_L, 0.05, na.rm=TRUE),  
 percent25th = quantile(SelM\_L, 0.25, na.rm=TRUE),  
 percent50th = quantile(SelM\_L, 0.50, na.rm=TRUE),  
 percent75th = quantile(SelM\_L, 0.75, na.rm=TRUE),  
 percent95th = quantile(SelM\_L, 0.95, na.rm=TRUE),  
 na = sum(is.na(SelM\_L)))   
  
SelM\_Lrace\_sumstats <- SelM\_Lrace\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(SelM\_Lrace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Sellion to Menton Length SumStats by Race/Ethnicity")

**Table** : Sellion to Menton Length SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 10.9 | 13.7 | 12.03 | 1.34 | 0.47 | 10.91 | 10.97 | 11.75 | 12.80 | 13.52 | 4 |
| Asian | 91 | 9.2 | 13.0 | 11.14 | 0.74 | 0.08 | 9.76 | 10.80 | 11.10 | 11.53 | 12.25 | 19 |
| Black | 548 | 9.5 | 14.2 | 11.94 | 0.84 | 0.04 | 10.50 | 11.35 | 11.90 | 12.60 | 13.20 | 173 |
| LatinX | 100 | 8.4 | 14.2 | 11.70 | 1.03 | 0.10 | 10.07 | 11.20 | 11.65 | 12.28 | 13.55 | 34 |
| NHOPI | 4 | 12.0 | 12.2 | 12.07 | 0.12 | 0.06 | 12.00 | 12.00 | 12.00 | 12.10 | 12.18 | 1 |
| Other | 21 | 10.5 | 12.6 | 11.47 | 0.60 | 0.13 | 10.71 | 11.10 | 11.30 | 11.75 | 12.39 | 6 |
| PTNS | 5 | 10.2 | 12.6 | 11.47 | 0.99 | 0.44 | 10.38 | 11.10 | 11.55 | 11.92 | 12.46 | 1 |
| white | 1,240 | 6.9 | 14.5 | 11.58 | 0.88 | 0.02 | 10.20 | 11.00 | 11.60 | 12.20 | 13.05 | 350 |

#%>% set\_header\_Cabels(values = list(SelM\_L = "Sellion/SellionCont"))  
  
#Autofit Width Table TNR  
flextable(SelM\_Lrace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Sellion to Menton Length SumStats by Race/Ethnicity") %>%   
 fit\_to\_width(7.5)

**Table** : Sellion to Menton Length SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 10.9 | 13.7 | 12.03 | 1.34 | 0.47 | 10.91 | 10.97 | 11.75 | 12.80 | 13.52 | 4 |
| Asian | 91 | 9.2 | 13.0 | 11.14 | 0.74 | 0.08 | 9.76 | 10.80 | 11.10 | 11.53 | 12.25 | 19 |
| Black | 548 | 9.5 | 14.2 | 11.94 | 0.84 | 0.04 | 10.50 | 11.35 | 11.90 | 12.60 | 13.20 | 173 |
| LatinX | 100 | 8.4 | 14.2 | 11.70 | 1.03 | 0.10 | 10.07 | 11.20 | 11.65 | 12.28 | 13.55 | 34 |
| NHOPI | 4 | 12.0 | 12.2 | 12.07 | 0.12 | 0.06 | 12.00 | 12.00 | 12.00 | 12.10 | 12.18 | 1 |
| Other | 21 | 10.5 | 12.6 | 11.47 | 0.60 | 0.13 | 10.71 | 11.10 | 11.30 | 11.75 | 12.39 | 6 |
| PTNS | 5 | 10.2 | 12.6 | 11.47 | 0.99 | 0.44 | 10.38 | 11.10 | 11.55 | 11.92 | 12.46 | 1 |
| white | 1,240 | 6.9 | 14.5 | 11.58 | 0.88 | 0.02 | 10.20 | 11.00 | 11.60 | 12.20 | 13.05 | 350 |

#%>% set\_header\_Cabels(values = list(SelM\_L = "Sellion/SellionCont"))

#SelM\_L gender sumstats  
SelM\_Lgender\_sumstats <- headscan\_full %>%   
 group\_by(gender) %>%   
 summarise(n = n(),  
 min = min(SelM\_L, na.rm = TRUE),  
 max = max(SelM\_L, na.rm = TRUE),  
 mean = mean(SelM\_L, na.rm = TRUE),  
 sd = sd(SelM\_L, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(SelM\_L, 0.05, na.rm=TRUE),  
 percent25th = quantile(SelM\_L, 0.25, na.rm=TRUE),  
 percent50th = quantile(SelM\_L, 0.50, na.rm=TRUE),  
 percent75th = quantile(SelM\_L, 0.75, na.rm=TRUE),  
 percent95th = quantile(SelM\_L, 0.95, na.rm=TRUE),  
 na = sum(is.na(SelM\_L)))  
  
SelM\_Lgender\_sumstats <- SelM\_Lgender\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
#Size 12 Table TNR  
flextable(SelM\_Lgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Sellion to Menton Length SumStats by Gender")

**Table** : Sellion to Menton Length SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 6.9 | 13.7 | 11.33 | 0.78 | 0.02 | 10.00 | 10.90 | 11.4 | 11.80 | 12.60 | 224 |
| Male | 939 | 9.5 | 14.5 | 12.14 | 0.83 | 0.03 | 10.70 | 11.60 | 12.2 | 12.70 | 13.41 | 361 |
| Non-binary or Other | 5 | 11.4 | 11.6 | 11.50 | 0.14 | 0.06 | 11.41 | 11.45 | 11.5 | 11.55 | 11.59 | 3 |
| Prefer not to say | 1 | 12.6 | 12.6 | 12.60 |  |  | 12.60 | 12.60 | 12.6 | 12.60 | 12.60 | 0 |
|  | 8 | 10.3 | 12.8 | 11.45 | 0.87 | 0.31 | 10.48 | 10.88 | 11.2 | 12.15 | 12.62 | 0 |

#%>% set\_header\_Cabels(values = list(SelM\_L = "Sellion/SellionCont"))  
  
#Autofit Width Table TNR  
flextable(SelM\_Lgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Sellion to Menton Length SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Sellion to Menton Length SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 6.9 | 13.7 | 11.33 | 0.78 | 0.02 | 10.00 | 10.90 | 11.4 | 11.80 | 12.60 | 224 |
| Male | 939 | 9.5 | 14.5 | 12.14 | 0.83 | 0.03 | 10.70 | 11.60 | 12.2 | 12.70 | 13.41 | 361 |
| Non-binary or Other | 5 | 11.4 | 11.6 | 11.50 | 0.14 | 0.06 | 11.41 | 11.45 | 11.5 | 11.55 | 11.59 | 3 |
| Prefer not to say | 1 | 12.6 | 12.6 | 12.60 |  |  | 12.60 | 12.60 | 12.6 | 12.60 | 12.60 | 0 |
|  | 8 | 10.3 | 12.8 | 11.45 | 0.87 | 0.31 | 10.48 | 10.88 | 11.2 | 12.15 | 12.62 | 0 |

#%>% set\_header\_Cabels(values = list(SelM\_L = "Sellion/SellionCont"))

#SelM\_L age group sumstats  
SelM\_Lage\_sumstats <- headscan\_full %>%   
 group\_by(age\_group) %>%   
 summarise(n = n(),  
 min = min(SelM\_L, na.rm = TRUE),  
 max = max(SelM\_L, na.rm = TRUE),  
 mean = mean(SelM\_L, na.rm = TRUE),  
 sd = sd(SelM\_L, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(SelM\_L, 0.05, na.rm=TRUE),  
 percent25th = quantile(SelM\_L, 0.25, na.rm=TRUE),  
 percent50th = quantile(SelM\_L, 0.50, na.rm=TRUE),  
 percent75th = quantile(SelM\_L, 0.75, na.rm=TRUE),  
 percent95th = quantile(SelM\_L, 0.95, na.rm=TRUE),  
 na = sum(is.na(SelM\_L)))  
  
SelM\_Lage\_sumstats <- SelM\_Lage\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(SelM\_Lage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Sellion to Menton Length SumStats by Gender")

**Table** : Sellion to Menton Length SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 9.1 | 14.3 | 11.61 | 0.86 | 0.03 | 10.20 | 11.00 | 11.6 | 12.2 | 13.0 | 275 |
| 37-54 | 940 | 6.9 | 14.2 | 11.71 | 0.91 | 0.03 | 10.30 | 11.20 | 11.7 | 12.3 | 13.1 | 287 |
| 55-72 | 84 | 8.6 | 14.5 | 11.73 | 0.99 | 0.11 | 9.97 | 11.22 | 11.7 | 12.5 | 13.0 | 26 |
|  | 1 | 11.3 | 11.3 | 11.30 |  |  | 11.30 | 11.30 | 11.3 | 11.3 | 11.3 | 0 |

#%>% set\_header\_Cabels(values = list(SelM\_L = "Sellion/SellionCont"))  
  
#Autofit Width Table TNR  
flextable(SelM\_Lage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Sellion to Menton Length SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Sellion to Menton Length SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 9.1 | 14.3 | 11.61 | 0.86 | 0.03 | 10.20 | 11.00 | 11.6 | 12.2 | 13.0 | 275 |
| 37-54 | 940 | 6.9 | 14.2 | 11.71 | 0.91 | 0.03 | 10.30 | 11.20 | 11.7 | 12.3 | 13.1 | 287 |
| 55-72 | 84 | 8.6 | 14.5 | 11.73 | 0.99 | 0.11 | 9.97 | 11.22 | 11.7 | 12.5 | 13.0 | 26 |
|  | 1 | 11.3 | 11.3 | 11.30 |  |  | 11.30 | 11.30 | 11.3 | 11.3 | 11.3 | 0 |

#%>% set\_header\_Cabels(values = list(SelM\_L = "Sellion/SellionCont"))

SnasM\_L

#SnasM\_L race/eth sumstats  
SnasM\_Lrace\_sumstats <- headscan\_full %>%   
 group\_by(race\_eth) %>%   
 summarise(n = n(),  
 min = min(SnasM\_L, na.rm = TRUE),  
 max = max(SnasM\_L, na.rm = TRUE),  
 mean = mean(SnasM\_L, na.rm = TRUE),  
 sd = sd(SnasM\_L, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(SnasM\_L, 0.05, na.rm=TRUE),  
 percent25th = quantile(SnasM\_L, 0.25, na.rm=TRUE),  
 percent50th = quantile(SnasM\_L, 0.50, na.rm=TRUE),  
 percent75th = quantile(SnasM\_L, 0.75, na.rm=TRUE),  
 percent95th = quantile(SnasM\_L, 0.95, na.rm=TRUE),  
 na = sum(is.na(SnasM\_L)))   
  
SnasM\_Lrace\_sumstats <- SnasM\_Lrace\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(SnasM\_Lrace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Subnasale to Menton Length SumStats by Race/Ethnicity")

**Table** : Subnasale to Menton Length SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 5.8 | 8.3 | 6.80 | 1.19 | 0.42 | 5.82 | 5.88 | 6.55 | 7.48 | 8.13 | 4 |
| Asian | 91 | 4.6 | 10.5 | 6.41 | 0.89 | 0.09 | 5.00 | 5.97 | 6.40 | 6.90 | 7.50 | 19 |
| Black | 548 | 4.6 | 11.1 | 7.19 | 0.72 | 0.03 | 6.00 | 6.80 | 7.20 | 7.65 | 8.30 | 173 |
| LatinX | 100 | 4.3 | 8.8 | 6.84 | 0.86 | 0.09 | 5.30 | 6.25 | 6.85 | 7.38 | 8.28 | 34 |
| NHOPI | 4 | 6.6 | 7.8 | 7.23 | 0.60 | 0.30 | 6.67 | 6.95 | 7.30 | 7.55 | 7.75 | 1 |
| Other | 21 | 5.2 | 7.8 | 6.65 | 0.68 | 0.15 | 5.62 | 6.45 | 6.60 | 7.15 | 7.59 | 6 |
| PTNS | 5 | 5.9 | 8.1 | 6.95 | 0.93 | 0.42 | 6.00 | 6.42 | 6.90 | 7.43 | 7.96 | 1 |
| white | 1,240 | 4.3 | 8.9 | 6.72 | 0.73 | 0.02 | 5.50 | 6.30 | 6.70 | 7.20 | 7.90 | 351 |

#%>% set\_header\_Cabels(values = list(SnasM\_L = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(SnasM\_Lrace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Subnasale to Menton Length SumStats by Race/Ethnicity") %>%   
 fit\_to\_width(7.5)

**Table** : Subnasale to Menton Length SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 5.8 | 8.3 | 6.80 | 1.19 | 0.42 | 5.82 | 5.88 | 6.55 | 7.48 | 8.13 | 4 |
| Asian | 91 | 4.6 | 10.5 | 6.41 | 0.89 | 0.09 | 5.00 | 5.97 | 6.40 | 6.90 | 7.50 | 19 |
| Black | 548 | 4.6 | 11.1 | 7.19 | 0.72 | 0.03 | 6.00 | 6.80 | 7.20 | 7.65 | 8.30 | 173 |
| LatinX | 100 | 4.3 | 8.8 | 6.84 | 0.86 | 0.09 | 5.30 | 6.25 | 6.85 | 7.38 | 8.28 | 34 |
| NHOPI | 4 | 6.6 | 7.8 | 7.23 | 0.60 | 0.30 | 6.67 | 6.95 | 7.30 | 7.55 | 7.75 | 1 |
| Other | 21 | 5.2 | 7.8 | 6.65 | 0.68 | 0.15 | 5.62 | 6.45 | 6.60 | 7.15 | 7.59 | 6 |
| PTNS | 5 | 5.9 | 8.1 | 6.95 | 0.93 | 0.42 | 6.00 | 6.42 | 6.90 | 7.43 | 7.96 | 1 |
| white | 1,240 | 4.3 | 8.9 | 6.72 | 0.73 | 0.02 | 5.50 | 6.30 | 6.70 | 7.20 | 7.90 | 351 |

#%>% set\_header\_Cabels(values = list(SnasM\_L = "Subnasale/SubnasaleCont"))

#SnasM\_L gender sumstats  
SnasM\_Lgender\_sumstats <- headscan\_full %>%   
 group\_by(gender) %>%   
 summarise(n = n(),  
 min = min(SnasM\_L, na.rm = TRUE),  
 max = max(SnasM\_L, na.rm = TRUE),  
 mean = mean(SnasM\_L, na.rm = TRUE),  
 sd = sd(SnasM\_L, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(SnasM\_L, 0.05, na.rm=TRUE),  
 percent25th = quantile(SnasM\_L, 0.25, na.rm=TRUE),  
 percent50th = quantile(SnasM\_L, 0.50, na.rm=TRUE),  
 percent75th = quantile(SnasM\_L, 0.75, na.rm=TRUE),  
 percent95th = quantile(SnasM\_L, 0.95, na.rm=TRUE),  
 na = sum(is.na(SnasM\_L)))  
  
SnasM\_Lgender\_sumstats <- SnasM\_Lgender\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
#Size 12 Table TNR  
flextable(SnasM\_Lgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Subnasale to Menton Length SumStats by Gender")

**Table** : Subnasale to Menton Length SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 4.3 | 11.1 | 6.64 | 0.72 | 0.02 | 5.40 | 6.20 | 6.7 | 7.10 | 7.70 | 224 |
| Male | 939 | 4.6 | 9.1 | 7.10 | 0.77 | 0.03 | 5.70 | 6.60 | 7.2 | 7.60 | 8.30 | 362 |
| Non-binary or Other | 5 | 7.2 | 7.4 | 7.30 | 0.14 | 0.06 | 7.21 | 7.25 | 7.3 | 7.35 | 7.39 | 3 |
| Prefer not to say | 1 | 8.1 | 8.1 | 8.10 |  |  | 8.10 | 8.10 | 8.1 | 8.10 | 8.10 | 0 |
|  | 8 | 5.7 | 7.8 | 6.80 | 0.83 | 0.29 | 5.80 | 6.15 | 6.7 | 7.62 | 7.77 | 0 |

#%>% set\_header\_Cabels(values = list(SnasM\_L = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(SnasM\_Lgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Subnasale to Menton Length SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Subnasale to Menton Length SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 4.3 | 11.1 | 6.64 | 0.72 | 0.02 | 5.40 | 6.20 | 6.7 | 7.10 | 7.70 | 224 |
| Male | 939 | 4.6 | 9.1 | 7.10 | 0.77 | 0.03 | 5.70 | 6.60 | 7.2 | 7.60 | 8.30 | 362 |
| Non-binary or Other | 5 | 7.2 | 7.4 | 7.30 | 0.14 | 0.06 | 7.21 | 7.25 | 7.3 | 7.35 | 7.39 | 3 |
| Prefer not to say | 1 | 8.1 | 8.1 | 8.10 |  |  | 8.10 | 8.10 | 8.1 | 8.10 | 8.10 | 0 |
|  | 8 | 5.7 | 7.8 | 6.80 | 0.83 | 0.29 | 5.80 | 6.15 | 6.7 | 7.62 | 7.77 | 0 |

#%>% set\_header\_Cabels(values = list(SnasM\_L = "Subnasale/SubnasaleCont"))

#SnasM\_L age group sumstats  
SnasM\_Lage\_sumstats <- headscan\_full %>%   
 group\_by(age\_group) %>%   
 summarise(n = n(),  
 min = min(SnasM\_L, na.rm = TRUE),  
 max = max(SnasM\_L, na.rm = TRUE),  
 mean = mean(SnasM\_L, na.rm = TRUE),  
 sd = sd(SnasM\_L, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(SnasM\_L, 0.05, na.rm=TRUE),  
 percent25th = quantile(SnasM\_L, 0.25, na.rm=TRUE),  
 percent50th = quantile(SnasM\_L, 0.50, na.rm=TRUE),  
 percent75th = quantile(SnasM\_L, 0.75, na.rm=TRUE),  
 percent95th = quantile(SnasM\_L, 0.95, na.rm=TRUE),  
 na = sum(is.na(SnasM\_L)))  
  
SnasM\_Lage\_sumstats <- SnasM\_Lage\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(SnasM\_Lage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Subnasale to Menton Length SumStats by Gender")

**Table** : Subnasale to Menton Length SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 4.4 | 8.9 | 6.83 | 0.77 | 0.02 | 5.50 | 6.4 | 6.9 | 7.4 | 8.1 | 275 |
| 37-54 | 940 | 4.3 | 11.1 | 6.85 | 0.78 | 0.03 | 5.56 | 6.4 | 6.8 | 7.3 | 8.0 | 287 |
| 55-72 | 84 | 4.3 | 8.2 | 6.73 | 0.81 | 0.09 | 5.38 | 6.3 | 6.7 | 7.3 | 7.8 | 27 |
|  | 1 | 6.4 | 6.4 | 6.40 |  |  | 6.40 | 6.4 | 6.4 | 6.4 | 6.4 | 0 |

#%>% set\_header\_Cabels(values = list(SnasM\_L = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(SnasM\_Lage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Subnasale to Menton Length SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Subnasale to Menton Length SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 4.4 | 8.9 | 6.83 | 0.77 | 0.02 | 5.50 | 6.4 | 6.9 | 7.4 | 8.1 | 275 |
| 37-54 | 940 | 4.3 | 11.1 | 6.85 | 0.78 | 0.03 | 5.56 | 6.4 | 6.8 | 7.3 | 8.0 | 287 |
| 55-72 | 84 | 4.3 | 8.2 | 6.73 | 0.81 | 0.09 | 5.38 | 6.3 | 6.7 | 7.3 | 7.8 | 27 |
|  | 1 | 6.4 | 6.4 | 6.40 |  |  | 6.40 | 6.4 | 6.4 | 6.4 | 6.4 | 0 |

#%>% set\_header\_Cabels(values = list(SnasM\_L = "Subnasale/SubnasaleCont"))

SnasM\_C

#SnasM\_C race/eth sumstats  
SnasM\_Crace\_sumstats <- headscan\_full %>%   
 group\_by(race\_eth) %>%   
 summarise(n = n(),  
 min = min(SnasM\_C, na.rm = TRUE),  
 max = max(SnasM\_C, na.rm = TRUE),  
 mean = mean(SnasM\_C, na.rm = TRUE),  
 sd = sd(SnasM\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(SnasM\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(SnasM\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(SnasM\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(SnasM\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(SnasM\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(SnasM\_C)))   
  
SnasM\_Crace\_sumstats <- SnasM\_Crace\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(SnasM\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Subnasale to Menton Contour SumStats by Race/Ethnicity")

**Table** : Subnasale to Menton Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 6.2 | 9.3 | 7.58 | 1.52 | 0.54 | 6.23 | 6.35 | 7.40 | 8.62 | 9.17 | 4 |
| Asian | 91 | 4.9 | 12.5 | 7.16 | 1.09 | 0.11 | 5.65 | 6.55 | 7.10 | 7.65 | 8.50 | 20 |
| Black | 548 | 5.5 | 12.4 | 8.21 | 0.91 | 0.04 | 6.70 | 7.70 | 8.20 | 8.80 | 9.63 | 174 |
| LatinX | 100 | 5.3 | 9.7 | 7.52 | 1.04 | 0.10 | 5.73 | 6.82 | 7.55 | 8.28 | 9.38 | 34 |
| NHOPI | 4 | 7.0 | 8.5 | 7.90 | 0.79 | 0.40 | 7.12 | 7.60 | 8.20 | 8.35 | 8.47 | 1 |
| Other | 21 | 5.9 | 8.5 | 7.21 | 0.76 | 0.17 | 5.97 | 6.90 | 7.10 | 7.70 | 8.29 | 6 |
| PTNS | 5 | 6.2 | 9.0 | 7.82 | 1.26 | 0.56 | 6.39 | 7.18 | 8.05 | 8.70 | 8.94 | 1 |
| white | 1,240 | 4.9 | 10.2 | 7.30 | 0.89 | 0.03 | 5.80 | 6.70 | 7.30 | 7.90 | 8.79 | 358 |

#%>% set\_header\_Cabels(values = list(SnasM\_C = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(SnasM\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Subnasale to Menton Contour SumStats by Race/Ethnicity") %>%   
 fit\_to\_width(7.5)

**Table** : Subnasale to Menton Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 6.2 | 9.3 | 7.58 | 1.52 | 0.54 | 6.23 | 6.35 | 7.40 | 8.62 | 9.17 | 4 |
| Asian | 91 | 4.9 | 12.5 | 7.16 | 1.09 | 0.11 | 5.65 | 6.55 | 7.10 | 7.65 | 8.50 | 20 |
| Black | 548 | 5.5 | 12.4 | 8.21 | 0.91 | 0.04 | 6.70 | 7.70 | 8.20 | 8.80 | 9.63 | 174 |
| LatinX | 100 | 5.3 | 9.7 | 7.52 | 1.04 | 0.10 | 5.73 | 6.82 | 7.55 | 8.28 | 9.38 | 34 |
| NHOPI | 4 | 7.0 | 8.5 | 7.90 | 0.79 | 0.40 | 7.12 | 7.60 | 8.20 | 8.35 | 8.47 | 1 |
| Other | 21 | 5.9 | 8.5 | 7.21 | 0.76 | 0.17 | 5.97 | 6.90 | 7.10 | 7.70 | 8.29 | 6 |
| PTNS | 5 | 6.2 | 9.0 | 7.82 | 1.26 | 0.56 | 6.39 | 7.18 | 8.05 | 8.70 | 8.94 | 1 |
| white | 1,240 | 4.9 | 10.2 | 7.30 | 0.89 | 0.03 | 5.80 | 6.70 | 7.30 | 7.90 | 8.79 | 358 |

#%>% set\_header\_Cabels(values = list(SnasM\_C = "Subnasale/SubnasaleCont"))

#SnasM\_C gender sumstats  
SnasM\_Cgender\_sumstats <- headscan\_full %>%   
 group\_by(gender) %>%   
 summarise(n = n(),  
 min = min(SnasM\_C, na.rm = TRUE),  
 max = max(SnasM\_C, na.rm = TRUE),  
 mean = mean(SnasM\_C, na.rm = TRUE),  
 sd = sd(SnasM\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(SnasM\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(SnasM\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(SnasM\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(SnasM\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(SnasM\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(SnasM\_C)))  
  
SnasM\_Cgender\_sumstats <- SnasM\_Cgender\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
#Size 12 Table TNR  
flextable(SnasM\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Subnasale to Menton Contour SumStats by Gender")

**Table** : Subnasale to Menton Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 4.9 | 12.5 | 7.32 | 0.93 | 0.03 | 5.80 | 6.70 | 7.3 | 7.90 | 8.80 | 229 |
| Male | 939 | 5.1 | 10.5 | 7.87 | 1.00 | 0.03 | 6.20 | 7.20 | 7.9 | 8.50 | 9.44 | 366 |
| Non-binary or Other | 5 | 7.9 | 8.1 | 8.00 | 0.14 | 0.06 | 7.91 | 7.95 | 8.0 | 8.05 | 8.09 | 3 |
| Prefer not to say | 1 | 9.0 | 9.0 | 9.00 |  |  | 9.00 | 9.00 | 9.0 | 9.00 | 9.00 | 0 |
|  | 8 | 6.4 | 8.7 | 7.55 | 0.84 | 0.30 | 6.47 | 7.05 | 7.5 | 8.08 | 8.66 | 0 |

#%>% set\_header\_Cabels(values = list(SnasM\_C = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(SnasM\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Subnasale to Menton Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Subnasale to Menton Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 4.9 | 12.5 | 7.32 | 0.93 | 0.03 | 5.80 | 6.70 | 7.3 | 7.90 | 8.80 | 229 |
| Male | 939 | 5.1 | 10.5 | 7.87 | 1.00 | 0.03 | 6.20 | 7.20 | 7.9 | 8.50 | 9.44 | 366 |
| Non-binary or Other | 5 | 7.9 | 8.1 | 8.00 | 0.14 | 0.06 | 7.91 | 7.95 | 8.0 | 8.05 | 8.09 | 3 |
| Prefer not to say | 1 | 9.0 | 9.0 | 9.00 |  |  | 9.00 | 9.00 | 9.0 | 9.00 | 9.00 | 0 |
|  | 8 | 6.4 | 8.7 | 7.55 | 0.84 | 0.30 | 6.47 | 7.05 | 7.5 | 8.08 | 8.66 | 0 |

#%>% set\_header\_Cabels(values = list(SnasM\_C = "Subnasale/SubnasaleCont"))

#SnasM\_C age group sumstats  
SnasM\_Cage\_sumstats <- headscan\_full %>%   
 group\_by(age\_group) %>%   
 summarise(n = n(),  
 min = min(SnasM\_C, na.rm = TRUE),  
 max = max(SnasM\_C, na.rm = TRUE),  
 mean = mean(SnasM\_C, na.rm = TRUE),  
 sd = sd(SnasM\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(SnasM\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(SnasM\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(SnasM\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(SnasM\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(SnasM\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(SnasM\_C)))  
  
SnasM\_Cage\_sumstats <- SnasM\_Cage\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(SnasM\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Subnasale to Menton Contour SumStats by Gender")

**Table** : Subnasale to Menton Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 4.9 | 10.4 | 7.54 | 0.98 | 0.03 | 6.00 | 6.9 | 7.5 | 8.2 | 9.20 | 279 |
| 37-54 | 940 | 4.9 | 12.5 | 7.56 | 1.01 | 0.03 | 5.94 | 6.9 | 7.5 | 8.2 | 9.16 | 292 |
| 55-72 | 84 | 4.9 | 10.2 | 7.48 | 1.10 | 0.12 | 5.80 | 6.7 | 7.4 | 8.2 | 9.18 | 27 |
|  | 1 | 7.1 | 7.1 | 7.10 |  |  | 7.10 | 7.1 | 7.1 | 7.1 | 7.10 | 0 |

#%>% set\_header\_Cabels(values = list(SnasM\_C = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(SnasM\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Subnasale to Menton Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Subnasale to Menton Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 4.9 | 10.4 | 7.54 | 0.98 | 0.03 | 6.00 | 6.9 | 7.5 | 8.2 | 9.20 | 279 |
| 37-54 | 940 | 4.9 | 12.5 | 7.56 | 1.01 | 0.03 | 5.94 | 6.9 | 7.5 | 8.2 | 9.16 | 292 |
| 55-72 | 84 | 4.9 | 10.2 | 7.48 | 1.10 | 0.12 | 5.80 | 6.7 | 7.4 | 8.2 | 9.18 | 27 |
|  | 1 | 7.1 | 7.1 | 7.10 |  |  | 7.10 | 7.1 | 7.1 | 7.1 | 7.10 | 0 |

#%>% set\_header\_Cabels(values = list(SnasM\_C = "Subnasale/SubnasaleCont"))

TrHO\_C

#TrHO\_C race/eth sumstats  
TrHO\_Crace\_sumstats <- headscan\_full %>%   
 group\_by(race\_eth) %>%   
 summarise(n = n(),  
 min = min(TrHO\_C, na.rm = TRUE),  
 max = max(TrHO\_C, na.rm = TRUE),  
 mean = mean(TrHO\_C, na.rm = TRUE),  
 sd = sd(TrHO\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(TrHO\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(TrHO\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(TrHO\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(TrHO\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(TrHO\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(TrHO\_C)))   
  
TrHO\_Crace\_sumstats <- TrHO\_Crace\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(TrHO\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Top of Head to Otobasion Contour SumStats by Race/Ethnicity")

**Table** : Top of Head to Otobasion Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 15.3 | 17.8 | 16.64 | 1.13 | 0.40 | 15.38 | 15.7 | 16.7 | 17.70 | 17.78 | 3 |
| Asian | 91 | 15.1 | 18.6 | 16.94 | 0.78 | 0.08 | 15.53 | 16.5 | 16.9 | 17.50 | 18.10 | 24 |
| Black | 548 | 14.2 | 20.3 | 16.77 | 1.03 | 0.04 | 15.20 | 16.0 | 16.7 | 17.40 | 18.40 | 235 |
| LatinX | 100 | 15.0 | 19.2 | 16.83 | 0.85 | 0.09 | 15.70 | 16.2 | 16.8 | 17.30 | 18.40 | 39 |
| NHOPI | 4 | 16.6 | 17.9 | 17.30 | 0.66 | 0.33 | 16.68 | 17.0 | 17.4 | 17.65 | 17.85 | 1 |
| Other | 21 | 14.2 | 18.4 | 16.78 | 1.04 | 0.23 | 15.40 | 16.2 | 16.8 | 17.50 | 18.40 | 4 |
| PTNS | 5 | 18.1 | 18.1 | 18.10 |  |  | 18.10 | 18.1 | 18.1 | 18.10 | 18.10 | 4 |
| white | 1,240 | 13.8 | 21.3 | 16.60 | 0.89 | 0.03 | 15.20 | 16.0 | 16.6 | 17.10 | 18.10 | 360 |

#%>% set\_header\_Cabels(values = list(TrHO\_C = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(TrHO\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Top of Head to Otobasion Contour SumStats by Race/Ethnicity") %>%   
 fit\_to\_width(7.5)

**Table** : Top of Head to Otobasion Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 15.3 | 17.8 | 16.64 | 1.13 | 0.40 | 15.38 | 15.7 | 16.7 | 17.70 | 17.78 | 3 |
| Asian | 91 | 15.1 | 18.6 | 16.94 | 0.78 | 0.08 | 15.53 | 16.5 | 16.9 | 17.50 | 18.10 | 24 |
| Black | 548 | 14.2 | 20.3 | 16.77 | 1.03 | 0.04 | 15.20 | 16.0 | 16.7 | 17.40 | 18.40 | 235 |
| LatinX | 100 | 15.0 | 19.2 | 16.83 | 0.85 | 0.09 | 15.70 | 16.2 | 16.8 | 17.30 | 18.40 | 39 |
| NHOPI | 4 | 16.6 | 17.9 | 17.30 | 0.66 | 0.33 | 16.68 | 17.0 | 17.4 | 17.65 | 17.85 | 1 |
| Other | 21 | 14.2 | 18.4 | 16.78 | 1.04 | 0.23 | 15.40 | 16.2 | 16.8 | 17.50 | 18.40 | 4 |
| PTNS | 5 | 18.1 | 18.1 | 18.10 |  |  | 18.10 | 18.1 | 18.1 | 18.10 | 18.10 | 4 |
| white | 1,240 | 13.8 | 21.3 | 16.60 | 0.89 | 0.03 | 15.20 | 16.0 | 16.6 | 17.10 | 18.10 | 360 |

#%>% set\_header\_Cabels(values = list(TrHO\_C = "Subnasale/SubnasaleCont"))

#TrHO\_C gender sumstats  
TrHO\_Cgender\_sumstats <- headscan\_full %>%   
 group\_by(gender) %>%   
 summarise(n = n(),  
 min = min(TrHO\_C, na.rm = TRUE),  
 max = max(TrHO\_C, na.rm = TRUE),  
 mean = mean(TrHO\_C, na.rm = TRUE),  
 sd = sd(TrHO\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(TrHO\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(TrHO\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(TrHO\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(TrHO\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(TrHO\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(TrHO\_C)))

## Warning in min(TrHO\_C, na.rm = TRUE): no non-missing arguments to min; returning  
## Inf

## Warning in max(TrHO\_C, na.rm = TRUE): no non-missing arguments to max; returning  
## -Inf

TrHO\_Cgender\_sumstats <- TrHO\_Cgender\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
#Size 12 Table TNR  
flextable(TrHO\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Top of Head to Otobasion Contour SumStats by Gender")

**Table** : Top of Head to Otobasion Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 13.8 | 20.0 | 16.40 | 0.89 | 0.03 | 15.10 | 15.70 | 16.30 | 16.90 | 17.90 | 403 |
| Male | 939 | 14.2 | 21.3 | 16.94 | 0.89 | 0.03 | 15.60 | 16.40 | 16.90 | 17.50 | 18.40 | 260 |
| Non-binary or Other | 5 | 15.6 | 16.9 | 16.25 | 0.92 | 0.41 | 15.66 | 15.92 | 16.25 | 16.58 | 16.83 | 3 |
| Prefer not to say | 1 | Inf | -Inf |  |  |  |  |  |  |  |  | 1 |
|  | 8 | 15.9 | 17.5 | 16.54 | 0.63 | 0.22 | 15.94 | 16.10 | 16.40 | 16.80 | 17.36 | 3 |

#%>% set\_header\_Cabels(values = list(TrHO\_C = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(TrHO\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Top of Head to Otobasion Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Top of Head to Otobasion Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 13.8 | 20.0 | 16.40 | 0.89 | 0.03 | 15.10 | 15.70 | 16.30 | 16.90 | 17.90 | 403 |
| Male | 939 | 14.2 | 21.3 | 16.94 | 0.89 | 0.03 | 15.60 | 16.40 | 16.90 | 17.50 | 18.40 | 260 |
| Non-binary or Other | 5 | 15.6 | 16.9 | 16.25 | 0.92 | 0.41 | 15.66 | 15.92 | 16.25 | 16.58 | 16.83 | 3 |
| Prefer not to say | 1 | Inf | -Inf |  |  |  |  |  |  |  |  | 1 |
|  | 8 | 15.9 | 17.5 | 16.54 | 0.63 | 0.22 | 15.94 | 16.10 | 16.40 | 16.80 | 17.36 | 3 |

#%>% set\_header\_Cabels(values = list(TrHO\_C = "Subnasale/SubnasaleCont"))

#TrHO\_C age group sumstats  
TrHO\_Cage\_sumstats <- headscan\_full %>%   
 group\_by(age\_group) %>%   
 summarise(n = n(),  
 min = min(TrHO\_C, na.rm = TRUE),  
 max = max(TrHO\_C, na.rm = TRUE),  
 mean = mean(TrHO\_C, na.rm = TRUE),  
 sd = sd(TrHO\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(TrHO\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(TrHO\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(TrHO\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(TrHO\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(TrHO\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(TrHO\_C)))  
  
TrHO\_Cage\_sumstats <- TrHO\_Cage\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(TrHO\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Top of Head to Otobasion Contour SumStats by Gender")

**Table** : Top of Head to Otobasion Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 14.2 | 21.3 | 16.76 | 0.93 | 0.03 | 15.40 | 16.10 | 16.7 | 17.40 | 18.3 | 323 |
| 37-54 | 940 | 13.8 | 21.0 | 16.58 | 0.90 | 0.03 | 15.20 | 16.00 | 16.6 | 17.10 | 18.0 | 318 |
| 55-72 | 84 | 14.7 | 19.2 | 16.63 | 1.10 | 0.12 | 14.97 | 16.05 | 16.5 | 17.25 | 18.6 | 29 |
|  | 1 | 16.9 | 16.9 | 16.90 |  |  | 16.90 | 16.90 | 16.9 | 16.90 | 16.9 | 0 |

#%>% set\_header\_Cabels(values = list(TrHO\_C = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(TrHO\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Top of Head to Otobasion Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Top of Head to Otobasion Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 14.2 | 21.3 | 16.76 | 0.93 | 0.03 | 15.40 | 16.10 | 16.7 | 17.40 | 18.3 | 323 |
| 37-54 | 940 | 13.8 | 21.0 | 16.58 | 0.90 | 0.03 | 15.20 | 16.00 | 16.6 | 17.10 | 18.0 | 318 |
| 55-72 | 84 | 14.7 | 19.2 | 16.63 | 1.10 | 0.12 | 14.97 | 16.05 | 16.5 | 17.25 | 18.6 | 29 |
|  | 1 | 16.9 | 16.9 | 16.90 |  |  | 16.90 | 16.90 | 16.9 | 16.90 | 16.9 | 0 |

#%>% set\_header\_Cabels(values = list(TrHO\_C = "Subnasale/SubnasaleCont"))

TrEJ\_C

#TrEJ\_C race/eth sumstats  
TrEJ\_Crace\_sumstats <- headscan\_full %>%   
 group\_by(race\_eth) %>%   
 summarise(n = n(),  
 min = min(TrEJ\_C, na.rm = TRUE),  
 max = max(TrEJ\_C, na.rm = TRUE),  
 mean = mean(TrEJ\_C, na.rm = TRUE),  
 sd = sd(TrEJ\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(TrEJ\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(TrEJ\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(TrEJ\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(TrEJ\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(TrEJ\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(TrEJ\_C)))   
  
TrEJ\_Crace\_sumstats <- TrEJ\_Crace\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(TrEJ\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Earlobe Juncture Contour SumStats by Race/Ethnicity")

**Table** : Tragion to Earlobe Juncture Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 3.4 | 4.4 | 3.83 | 0.51 | 0.18 | 3.40 | 3.40 | 3.75 | 4.18 | 4.36 | 4 |
| Asian | 91 | 2.8 | 5.4 | 3.95 | 0.46 | 0.05 | 3.33 | 3.70 | 3.90 | 4.20 | 4.80 | 17 |
| Black | 548 | 2.2 | 5.3 | 3.64 | 0.46 | 0.02 | 3.00 | 3.30 | 3.60 | 3.90 | 4.40 | 127 |
| LatinX | 100 | 2.8 | 4.9 | 3.92 | 0.47 | 0.05 | 3.25 | 3.60 | 3.90 | 4.30 | 4.80 | 29 |
| NHOPI | 4 | 3.1 | 4.8 | 3.73 | 0.93 | 0.46 | 3.12 | 3.20 | 3.30 | 4.05 | 4.65 | 1 |
| Other | 21 | 3.0 | 5.1 | 3.79 | 0.63 | 0.14 | 3.00 | 3.35 | 3.50 | 4.35 | 4.65 | 2 |
| PTNS | 5 | 3.4 | 4.4 | 3.85 | 0.44 | 0.20 | 3.43 | 3.55 | 3.80 | 4.10 | 4.34 | 1 |
| white | 1,240 | 2.0 | 6.0 | 3.81 | 0.46 | 0.01 | 3.10 | 3.50 | 3.80 | 4.10 | 4.60 | 260 |

#%>% set\_header\_Cabels(values = list(TrEJ\_C = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(TrEJ\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Earlobe Juncture Contour SumStats by Race/Ethnicity") %>%   
 fit\_to\_width(7.5)

**Table** : Tragion to Earlobe Juncture Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 3.4 | 4.4 | 3.83 | 0.51 | 0.18 | 3.40 | 3.40 | 3.75 | 4.18 | 4.36 | 4 |
| Asian | 91 | 2.8 | 5.4 | 3.95 | 0.46 | 0.05 | 3.33 | 3.70 | 3.90 | 4.20 | 4.80 | 17 |
| Black | 548 | 2.2 | 5.3 | 3.64 | 0.46 | 0.02 | 3.00 | 3.30 | 3.60 | 3.90 | 4.40 | 127 |
| LatinX | 100 | 2.8 | 4.9 | 3.92 | 0.47 | 0.05 | 3.25 | 3.60 | 3.90 | 4.30 | 4.80 | 29 |
| NHOPI | 4 | 3.1 | 4.8 | 3.73 | 0.93 | 0.46 | 3.12 | 3.20 | 3.30 | 4.05 | 4.65 | 1 |
| Other | 21 | 3.0 | 5.1 | 3.79 | 0.63 | 0.14 | 3.00 | 3.35 | 3.50 | 4.35 | 4.65 | 2 |
| PTNS | 5 | 3.4 | 4.4 | 3.85 | 0.44 | 0.20 | 3.43 | 3.55 | 3.80 | 4.10 | 4.34 | 1 |
| white | 1,240 | 2.0 | 6.0 | 3.81 | 0.46 | 0.01 | 3.10 | 3.50 | 3.80 | 4.10 | 4.60 | 260 |

#%>% set\_header\_Cabels(values = list(TrEJ\_C = "Subnasale/SubnasaleCont"))

#TrEJ\_C gender sumstats  
TrEJ\_Cgender\_sumstats <- headscan\_full %>%   
 group\_by(gender) %>%   
 summarise(n = n(),  
 min = min(TrEJ\_C, na.rm = TRUE),  
 max = max(TrEJ\_C, na.rm = TRUE),  
 mean = mean(TrEJ\_C, na.rm = TRUE),  
 sd = sd(TrEJ\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(TrEJ\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(TrEJ\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(TrEJ\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(TrEJ\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(TrEJ\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(TrEJ\_C)))  
  
TrEJ\_Cgender\_sumstats <- TrEJ\_Cgender\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
#Size 12 Table TNR  
flextable(TrEJ\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Earlobe Juncture Contour SumStats by Gender")

**Table** : Tragion to Earlobe Juncture Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 2.2 | 5.3 | 3.72 | 0.44 | 0.01 | 3.00 | 3.40 | 3.70 | 4.00 | 4.40 | 228 |
| Male | 939 | 2.0 | 6.0 | 3.84 | 0.50 | 0.02 | 3.10 | 3.50 | 3.80 | 4.20 | 4.70 | 210 |
| Non-binary or Other | 5 | 3.4 | 4.1 | 3.75 | 0.49 | 0.22 | 3.44 | 3.57 | 3.75 | 3.92 | 4.06 | 3 |
| Prefer not to say | 1 | 3.6 | 3.6 | 3.60 |  |  | 3.60 | 3.60 | 3.60 | 3.60 | 3.60 | 0 |
|  | 8 | 3.1 | 4.4 | 3.66 | 0.47 | 0.17 | 3.13 | 3.27 | 3.65 | 4.00 | 4.26 | 0 |

#%>% set\_header\_Cabels(values = list(TrEJ\_C = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(TrEJ\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Earlobe Juncture Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Tragion to Earlobe Juncture Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 2.2 | 5.3 | 3.72 | 0.44 | 0.01 | 3.00 | 3.40 | 3.70 | 4.00 | 4.40 | 228 |
| Male | 939 | 2.0 | 6.0 | 3.84 | 0.50 | 0.02 | 3.10 | 3.50 | 3.80 | 4.20 | 4.70 | 210 |
| Non-binary or Other | 5 | 3.4 | 4.1 | 3.75 | 0.49 | 0.22 | 3.44 | 3.57 | 3.75 | 3.92 | 4.06 | 3 |
| Prefer not to say | 1 | 3.6 | 3.6 | 3.60 |  |  | 3.60 | 3.60 | 3.60 | 3.60 | 3.60 | 0 |
|  | 8 | 3.1 | 4.4 | 3.66 | 0.47 | 0.17 | 3.13 | 3.27 | 3.65 | 4.00 | 4.26 | 0 |

#%>% set\_header\_Cabels(values = list(TrEJ\_C = "Subnasale/SubnasaleCont"))

#TrEJ\_C age group sumstats  
TrEJ\_Cage\_sumstats <- headscan\_full %>%   
 group\_by(age\_group) %>%   
 summarise(n = n(),  
 min = min(TrEJ\_C, na.rm = TRUE),  
 max = max(TrEJ\_C, na.rm = TRUE),  
 mean = mean(TrEJ\_C, na.rm = TRUE),  
 sd = sd(TrEJ\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(TrEJ\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(TrEJ\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(TrEJ\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(TrEJ\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(TrEJ\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(TrEJ\_C)))  
  
TrEJ\_Cage\_sumstats <- TrEJ\_Cage\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(TrEJ\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Earlobe Juncture Contour SumStats by Gender")

**Table** : Tragion to Earlobe Juncture Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 2.2 | 5.6 | 3.72 | 0.46 | 0.01 | 3.0 | 3.4 | 3.7 | 4.0 | 4.5 | 191 |
| 37-54 | 940 | 2.0 | 6.0 | 3.82 | 0.48 | 0.02 | 3.1 | 3.5 | 3.8 | 4.1 | 4.6 | 226 |
| 55-72 | 84 | 2.9 | 5.2 | 4.04 | 0.46 | 0.05 | 3.4 | 3.7 | 4.0 | 4.3 | 4.8 | 24 |
|  | 1 | 3.3 | 3.3 | 3.30 |  |  | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 0 |

#%>% set\_header\_Cabels(values = list(TrEJ\_C = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(TrEJ\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Earlobe Juncture Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Tragion to Earlobe Juncture Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 2.2 | 5.6 | 3.72 | 0.46 | 0.01 | 3.0 | 3.4 | 3.7 | 4.0 | 4.5 | 191 |
| 37-54 | 940 | 2.0 | 6.0 | 3.82 | 0.48 | 0.02 | 3.1 | 3.5 | 3.8 | 4.1 | 4.6 | 226 |
| 55-72 | 84 | 2.9 | 5.2 | 4.04 | 0.46 | 0.05 | 3.4 | 3.7 | 4.0 | 4.3 | 4.8 | 24 |
|  | 1 | 3.3 | 3.3 | 3.30 |  |  | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 0 |

#%>% set\_header\_Cabels(values = list(TrEJ\_C = "Subnasale/SubnasaleCont"))

TrGo\_C

#TrGo\_C race/eth sumstats  
TrGo\_Crace\_sumstats <- headscan\_full %>%   
 group\_by(race\_eth) %>%   
 summarise(n = n(),  
 min = min(TrGo\_C, na.rm = TRUE),  
 max = max(TrGo\_C, na.rm = TRUE),  
 mean = mean(TrGo\_C, na.rm = TRUE),  
 sd = sd(TrGo\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(TrGo\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(TrGo\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(TrGo\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(TrGo\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(TrGo\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(TrGo\_C)))   
  
TrGo\_Crace\_sumstats <- TrGo\_Crace\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(TrGo\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Gonion Contour SumStats by Race/Ethnicity")

**Table** : Tragion to Gonion Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 5.6 | 7.0 | 6.22 | 0.58 | 0.20 | 5.64 | 5.80 | 6.1 | 6.60 | 6.92 | 3 |
| Asian | 91 | 4.4 | 8.7 | 6.09 | 0.87 | 0.09 | 4.80 | 5.50 | 6.0 | 6.60 | 7.60 | 17 |
| Black | 548 | 3.9 | 8.4 | 5.86 | 0.74 | 0.03 | 4.80 | 5.30 | 5.8 | 6.35 | 7.10 | 133 |
| LatinX | 100 | 4.1 | 7.3 | 5.89 | 0.67 | 0.07 | 4.74 | 5.40 | 5.9 | 6.30 | 6.96 | 30 |
| NHOPI | 4 | 4.9 | 7.1 | 6.13 | 1.12 | 0.56 | 5.05 | 5.65 | 6.4 | 6.75 | 7.03 | 1 |
| Other | 21 | 4.3 | 7.6 | 5.66 | 0.83 | 0.18 | 4.54 | 5.10 | 5.6 | 6.10 | 6.72 | 4 |
| PTNS | 5 | 5.8 | 7.5 | 6.68 | 0.74 | 0.33 | 5.89 | 6.25 | 6.7 | 7.12 | 7.42 | 1 |
| white | 1,240 | 3.5 | 17.8 | 5.91 | 0.90 | 0.03 | 4.70 | 5.30 | 5.8 | 6.40 | 7.32 | 283 |

#%>% set\_header\_Cabels(values = list(TrGo\_C = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(TrGo\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Gonion Contour SumStats by Race/Ethnicity") %>%   
 fit\_to\_width(7.5)

**Table** : Tragion to Gonion Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 5.6 | 7.0 | 6.22 | 0.58 | 0.20 | 5.64 | 5.80 | 6.1 | 6.60 | 6.92 | 3 |
| Asian | 91 | 4.4 | 8.7 | 6.09 | 0.87 | 0.09 | 4.80 | 5.50 | 6.0 | 6.60 | 7.60 | 17 |
| Black | 548 | 3.9 | 8.4 | 5.86 | 0.74 | 0.03 | 4.80 | 5.30 | 5.8 | 6.35 | 7.10 | 133 |
| LatinX | 100 | 4.1 | 7.3 | 5.89 | 0.67 | 0.07 | 4.74 | 5.40 | 5.9 | 6.30 | 6.96 | 30 |
| NHOPI | 4 | 4.9 | 7.1 | 6.13 | 1.12 | 0.56 | 5.05 | 5.65 | 6.4 | 6.75 | 7.03 | 1 |
| Other | 21 | 4.3 | 7.6 | 5.66 | 0.83 | 0.18 | 4.54 | 5.10 | 5.6 | 6.10 | 6.72 | 4 |
| PTNS | 5 | 5.8 | 7.5 | 6.68 | 0.74 | 0.33 | 5.89 | 6.25 | 6.7 | 7.12 | 7.42 | 1 |
| white | 1,240 | 3.5 | 17.8 | 5.91 | 0.90 | 0.03 | 4.70 | 5.30 | 5.8 | 6.40 | 7.32 | 283 |

#%>% set\_header\_Cabels(values = list(TrGo\_C = "Subnasale/SubnasaleCont"))

#TrGo\_C gender sumstats  
TrGo\_Cgender\_sumstats <- headscan\_full %>%   
 group\_by(gender) %>%   
 summarise(n = n(),  
 min = min(TrGo\_C, na.rm = TRUE),  
 max = max(TrGo\_C, na.rm = TRUE),  
 mean = mean(TrGo\_C, na.rm = TRUE),  
 sd = sd(TrGo\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(TrGo\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(TrGo\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(TrGo\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(TrGo\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(TrGo\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(TrGo\_C)))  
  
TrGo\_Cgender\_sumstats <- TrGo\_Cgender\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
#Size 12 Table TNR  
flextable(TrGo\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Gonion Contour SumStats by Gender")

**Table** : Tragion to Gonion Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 3.5 | 9.8 | 5.73 | 0.76 | 0.02 | 4.60 | 5.20 | 5.7 | 6.20 | 7.00 | 229 |
| Male | 939 | 3.9 | 17.8 | 6.12 | 0.90 | 0.03 | 4.90 | 5.50 | 6.1 | 6.60 | 7.51 | 240 |
| Non-binary or Other | 5 | 4.5 | 5.5 | 5.00 | 0.71 | 0.32 | 4.55 | 4.75 | 5.0 | 5.25 | 5.45 | 3 |
| Prefer not to say | 1 | 5.8 | 5.8 | 5.80 |  |  | 5.80 | 5.80 | 5.8 | 5.80 | 5.80 | 0 |
|  | 8 | 5.2 | 7.3 | 5.84 | 0.81 | 0.28 | 5.20 | 5.20 | 5.5 | 6.20 | 7.12 | 0 |

#%>% set\_header\_Cabels(values = list(TrGo\_C = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(TrGo\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Gonion Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Tragion to Gonion Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 3.5 | 9.8 | 5.73 | 0.76 | 0.02 | 4.60 | 5.20 | 5.7 | 6.20 | 7.00 | 229 |
| Male | 939 | 3.9 | 17.8 | 6.12 | 0.90 | 0.03 | 4.90 | 5.50 | 6.1 | 6.60 | 7.51 | 240 |
| Non-binary or Other | 5 | 4.5 | 5.5 | 5.00 | 0.71 | 0.32 | 4.55 | 4.75 | 5.0 | 5.25 | 5.45 | 3 |
| Prefer not to say | 1 | 5.8 | 5.8 | 5.80 |  |  | 5.80 | 5.80 | 5.8 | 5.80 | 5.80 | 0 |
|  | 8 | 5.2 | 7.3 | 5.84 | 0.81 | 0.28 | 5.20 | 5.20 | 5.5 | 6.20 | 7.12 | 0 |

#%>% set\_header\_Cabels(values = list(TrGo\_C = "Subnasale/SubnasaleCont"))

#TrGo\_C age group sumstats  
TrGo\_Cage\_sumstats <- headscan\_full %>%   
 group\_by(age\_group) %>%   
 summarise(n = n(),  
 min = min(TrGo\_C, na.rm = TRUE),  
 max = max(TrGo\_C, na.rm = TRUE),  
 mean = mean(TrGo\_C, na.rm = TRUE),  
 sd = sd(TrGo\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(TrGo\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(TrGo\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(TrGo\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(TrGo\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(TrGo\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(TrGo\_C)))  
  
TrGo\_Cage\_sumstats <- TrGo\_Cage\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(TrGo\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Gonion Contour SumStats by Gender")

**Table** : Tragion to Gonion Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 3.8 | 8.4 | 5.92 | 0.77 | 0.02 | 4.8 | 5.4 | 5.9 | 6.4 | 7.3 | 207 |
| 37-54 | 940 | 3.5 | 9.8 | 5.86 | 0.80 | 0.03 | 4.6 | 5.3 | 5.8 | 6.4 | 7.2 | 242 |
| 55-72 | 84 | 4.1 | 17.8 | 6.21 | 1.75 | 0.19 | 4.7 | 5.4 | 6.1 | 6.6 | 7.7 | 23 |
|  | 1 | 6.2 | 6.2 | 6.20 |  |  | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 0 |

#%>% set\_header\_Cabels(values = list(TrGo\_C = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(TrGo\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Gonion Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Tragion to Gonion Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 3.8 | 8.4 | 5.92 | 0.77 | 0.02 | 4.8 | 5.4 | 5.9 | 6.4 | 7.3 | 207 |
| 37-54 | 940 | 3.5 | 9.8 | 5.86 | 0.80 | 0.03 | 4.6 | 5.3 | 5.8 | 6.4 | 7.2 | 242 |
| 55-72 | 84 | 4.1 | 17.8 | 6.21 | 1.75 | 0.19 | 4.7 | 5.4 | 6.1 | 6.6 | 7.7 | 23 |
|  | 1 | 6.2 | 6.2 | 6.20 |  |  | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 0 |

#%>% set\_header\_Cabels(values = list(TrGo\_C = "Subnasale/SubnasaleCont"))

TrSel\_C

#TrSel\_C race/eth sumstats  
TrSel\_Crace\_sumstats <- headscan\_full %>%   
 group\_by(race\_eth) %>%   
 summarise(n = n(),  
 min = min(TrSel\_C, na.rm = TRUE),  
 max = max(TrSel\_C, na.rm = TRUE),  
 mean = mean(TrSel\_C, na.rm = TRUE),  
 sd = sd(TrSel\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(TrSel\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(TrSel\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(TrSel\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(TrSel\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(TrSel\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(TrSel\_C)))   
  
TrSel\_Crace\_sumstats <- TrSel\_Crace\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(TrSel\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Sellion Contour SumStats by Race/Ethnicity")

**Table** : Tragion to Sellion Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 13.4 | 14.5 | 13.80 | 0.45 | 0.16 | 13.42 | 13.50 | 13.60 | 14.00 | 14.40 | 3 |
| Asian | 91 | 12.2 | 16.5 | 14.13 | 0.79 | 0.08 | 13.16 | 13.60 | 14.00 | 14.70 | 15.48 | 18 |
| Black | 548 | 12.4 | 16.8 | 14.45 | 0.72 | 0.03 | 13.30 | 14.00 | 14.40 | 14.90 | 15.60 | 124 |
| LatinX | 100 | 12.6 | 15.8 | 14.09 | 0.74 | 0.07 | 12.90 | 13.70 | 14.10 | 14.60 | 15.15 | 29 |
| NHOPI | 4 | 14.2 | 14.8 | 14.50 | 0.30 | 0.15 | 14.23 | 14.35 | 14.50 | 14.65 | 14.77 | 1 |
| Other | 21 | 12.9 | 16.2 | 14.20 | 0.77 | 0.17 | 13.08 | 13.75 | 14.30 | 14.40 | 15.21 | 2 |
| PTNS | 5 | 13.9 | 15.0 | 14.50 | 0.45 | 0.20 | 13.99 | 14.35 | 14.55 | 14.70 | 14.94 | 1 |
| white | 1,240 | 12.0 | 16.8 | 14.04 | 0.71 | 0.02 | 13.00 | 13.50 | 14.00 | 14.50 | 15.20 | 261 |

#%>% set\_header\_Cabels(values = list(TrSel\_C = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(TrSel\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Sellion Contour SumStats by Race/Ethnicity") %>%   
 fit\_to\_width(7.5)

**Table** : Tragion to Sellion Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 13.4 | 14.5 | 13.80 | 0.45 | 0.16 | 13.42 | 13.50 | 13.60 | 14.00 | 14.40 | 3 |
| Asian | 91 | 12.2 | 16.5 | 14.13 | 0.79 | 0.08 | 13.16 | 13.60 | 14.00 | 14.70 | 15.48 | 18 |
| Black | 548 | 12.4 | 16.8 | 14.45 | 0.72 | 0.03 | 13.30 | 14.00 | 14.40 | 14.90 | 15.60 | 124 |
| LatinX | 100 | 12.6 | 15.8 | 14.09 | 0.74 | 0.07 | 12.90 | 13.70 | 14.10 | 14.60 | 15.15 | 29 |
| NHOPI | 4 | 14.2 | 14.8 | 14.50 | 0.30 | 0.15 | 14.23 | 14.35 | 14.50 | 14.65 | 14.77 | 1 |
| Other | 21 | 12.9 | 16.2 | 14.20 | 0.77 | 0.17 | 13.08 | 13.75 | 14.30 | 14.40 | 15.21 | 2 |
| PTNS | 5 | 13.9 | 15.0 | 14.50 | 0.45 | 0.20 | 13.99 | 14.35 | 14.55 | 14.70 | 14.94 | 1 |
| white | 1,240 | 12.0 | 16.8 | 14.04 | 0.71 | 0.02 | 13.00 | 13.50 | 14.00 | 14.50 | 15.20 | 261 |

#%>% set\_header\_Cabels(values = list(TrSel\_C = "Subnasale/SubnasaleCont"))

#TrSel\_C gender sumstats  
TrSel\_Cgender\_sumstats <- headscan\_full %>%   
 group\_by(gender) %>%   
 summarise(n = n(),  
 min = min(TrSel\_C, na.rm = TRUE),  
 max = max(TrSel\_C, na.rm = TRUE),  
 mean = mean(TrSel\_C, na.rm = TRUE),  
 sd = sd(TrSel\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(TrSel\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(TrSel\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(TrSel\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(TrSel\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(TrSel\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(TrSel\_C)))  
  
TrSel\_Cgender\_sumstats <- TrSel\_Cgender\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
#Size 12 Table TNR  
flextable(TrSel\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Sellion Contour SumStats by Gender")

**Table** : Tragion to Sellion Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 12.0 | 16.8 | 13.84 | 0.66 | 0.02 | 12.90 | 13.4 | 13.8 | 14.20 | 15.00 | 227 |
| Male | 939 | 12.5 | 16.8 | 14.54 | 0.65 | 0.02 | 13.50 | 14.1 | 14.5 | 15.00 | 15.60 | 209 |
| Non-binary or Other | 5 | 14.0 | 14.4 | 14.20 | 0.28 | 0.13 | 14.02 | 14.1 | 14.2 | 14.30 | 14.38 | 3 |
| Prefer not to say | 1 | 14.6 | 14.6 | 14.60 |  |  | 14.60 | 14.6 | 14.6 | 14.60 | 14.60 | 0 |
|  | 8 | 13.5 | 14.5 | 14.04 | 0.34 | 0.12 | 13.54 | 13.9 | 14.1 | 14.22 | 14.43 | 0 |

#%>% set\_header\_Cabels(values = list(TrSel\_C = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(TrSel\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Sellion Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Tragion to Sellion Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 12.0 | 16.8 | 13.84 | 0.66 | 0.02 | 12.90 | 13.4 | 13.8 | 14.20 | 15.00 | 227 |
| Male | 939 | 12.5 | 16.8 | 14.54 | 0.65 | 0.02 | 13.50 | 14.1 | 14.5 | 15.00 | 15.60 | 209 |
| Non-binary or Other | 5 | 14.0 | 14.4 | 14.20 | 0.28 | 0.13 | 14.02 | 14.1 | 14.2 | 14.30 | 14.38 | 3 |
| Prefer not to say | 1 | 14.6 | 14.6 | 14.60 |  |  | 14.60 | 14.6 | 14.6 | 14.60 | 14.60 | 0 |
|  | 8 | 13.5 | 14.5 | 14.04 | 0.34 | 0.12 | 13.54 | 13.9 | 14.1 | 14.22 | 14.43 | 0 |

#%>% set\_header\_Cabels(values = list(TrSel\_C = "Subnasale/SubnasaleCont"))

#TrSel\_C age group sumstats  
TrSel\_Cage\_sumstats <- headscan\_full %>%   
 group\_by(age\_group) %>%   
 summarise(n = n(),  
 min = min(TrSel\_C, na.rm = TRUE),  
 max = max(TrSel\_C, na.rm = TRUE),  
 mean = mean(TrSel\_C, na.rm = TRUE),  
 sd = sd(TrSel\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(TrSel\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(TrSel\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(TrSel\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(TrSel\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(TrSel\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(TrSel\_C)))  
  
TrSel\_Cage\_sumstats <- TrSel\_Cage\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(TrSel\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Sellion Contour SumStats by Gender")

**Table** : Tragion to Sellion Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 12.2 | 16.8 | 14.13 | 0.74 | 0.02 | 13.00 | 13.6 | 14.10 | 14.6 | 15.4 | 192 |
| 37-54 | 940 | 12.0 | 16.8 | 14.18 | 0.74 | 0.02 | 13.07 | 13.6 | 14.15 | 14.7 | 15.5 | 224 |
| 55-72 | 84 | 12.7 | 16.0 | 14.39 | 0.72 | 0.08 | 13.40 | 13.7 | 14.60 | 14.9 | 15.3 | 23 |
|  | 1 | 14.5 | 14.5 | 14.50 |  |  | 14.50 | 14.5 | 14.50 | 14.5 | 14.5 | 0 |

#%>% set\_header\_Cabels(values = list(TrSel\_C = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(TrSel\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Sellion Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Tragion to Sellion Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 12.2 | 16.8 | 14.13 | 0.74 | 0.02 | 13.00 | 13.6 | 14.10 | 14.6 | 15.4 | 192 |
| 37-54 | 940 | 12.0 | 16.8 | 14.18 | 0.74 | 0.02 | 13.07 | 13.6 | 14.15 | 14.7 | 15.5 | 224 |
| 55-72 | 84 | 12.7 | 16.0 | 14.39 | 0.72 | 0.08 | 13.40 | 13.7 | 14.60 | 14.9 | 15.3 | 23 |
|  | 1 | 14.5 | 14.5 | 14.50 |  |  | 14.50 | 14.5 | 14.50 | 14.5 | 14.5 | 0 |

#%>% set\_header\_Cabels(values = list(TrSel\_C = "Subnasale/SubnasaleCont"))

TrSman\_C

#TrSman\_C race/eth sumstats  
TrSman\_Crace\_sumstats <- headscan\_full %>%   
 group\_by(race\_eth) %>%   
 summarise(n = n(),  
 min = min(TrSman\_C, na.rm = TRUE),  
 max = max(TrSman\_C, na.rm = TRUE),  
 mean = mean(TrSman\_C, na.rm = TRUE),  
 sd = sd(TrSman\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(TrSman\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(TrSman\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(TrSman\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(TrSman\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(TrSman\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(TrSman\_C)))   
  
TrSman\_Crace\_sumstats <- TrSman\_Crace\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(TrSman\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Submandibular Contour SumStats by Race/Ethnicity")

**Table** : Tragion to Submandibular Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 13.0 | 16.9 | 14.62 | 1.58 | 0.56 | 13.06 | 13.30 | 14.60 | 15.30 | 16.58 | 3 |
| Asian | 91 | 12.4 | 19.6 | 15.04 | 1.38 | 0.14 | 13.00 | 13.97 | 14.95 | 15.83 | 17.44 | 19 |
| Black | 548 | 12.7 | 20.1 | 15.69 | 1.22 | 0.05 | 13.90 | 14.80 | 15.60 | 16.60 | 17.67 | 161 |
| LatinX | 100 | 12.8 | 19.3 | 15.33 | 1.37 | 0.14 | 13.24 | 14.30 | 15.20 | 16.20 | 17.60 | 31 |
| NHOPI | 4 | 14.3 | 14.9 | 14.60 | 0.42 | 0.21 | 14.33 | 14.45 | 14.60 | 14.75 | 14.87 | 2 |
| Other | 21 | 13.2 | 16.5 | 14.97 | 1.02 | 0.22 | 13.34 | 14.40 | 15.00 | 15.75 | 16.22 | 6 |
| PTNS | 5 | 14.7 | 18.1 | 16.00 | 1.47 | 0.66 | 14.80 | 15.23 | 15.60 | 16.38 | 17.75 | 1 |
| white | 1,240 | 6.4 | 20.8 | 15.24 | 1.47 | 0.04 | 13.17 | 14.20 | 15.10 | 16.10 | 17.83 | 305 |

#%>% set\_header\_Cabels(values = list(TrSman\_C = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(TrSman\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Submandibular Contour SumStats by Race/Ethnicity") %>%   
 fit\_to\_width(7.5)

**Table** : Tragion to Submandibular Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 13.0 | 16.9 | 14.62 | 1.58 | 0.56 | 13.06 | 13.30 | 14.60 | 15.30 | 16.58 | 3 |
| Asian | 91 | 12.4 | 19.6 | 15.04 | 1.38 | 0.14 | 13.00 | 13.97 | 14.95 | 15.83 | 17.44 | 19 |
| Black | 548 | 12.7 | 20.1 | 15.69 | 1.22 | 0.05 | 13.90 | 14.80 | 15.60 | 16.60 | 17.67 | 161 |
| LatinX | 100 | 12.8 | 19.3 | 15.33 | 1.37 | 0.14 | 13.24 | 14.30 | 15.20 | 16.20 | 17.60 | 31 |
| NHOPI | 4 | 14.3 | 14.9 | 14.60 | 0.42 | 0.21 | 14.33 | 14.45 | 14.60 | 14.75 | 14.87 | 2 |
| Other | 21 | 13.2 | 16.5 | 14.97 | 1.02 | 0.22 | 13.34 | 14.40 | 15.00 | 15.75 | 16.22 | 6 |
| PTNS | 5 | 14.7 | 18.1 | 16.00 | 1.47 | 0.66 | 14.80 | 15.23 | 15.60 | 16.38 | 17.75 | 1 |
| white | 1,240 | 6.4 | 20.8 | 15.24 | 1.47 | 0.04 | 13.17 | 14.20 | 15.10 | 16.10 | 17.83 | 305 |

#%>% set\_header\_Cabels(values = list(TrSman\_C = "Subnasale/SubnasaleCont"))

#TrSman\_C gender sumstats  
TrSman\_Cgender\_sumstats <- headscan\_full %>%   
 group\_by(gender) %>%   
 summarise(n = n(),  
 min = min(TrSman\_C, na.rm = TRUE),  
 max = max(TrSman\_C, na.rm = TRUE),  
 mean = mean(TrSman\_C, na.rm = TRUE),  
 sd = sd(TrSman\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(TrSman\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(TrSman\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(TrSman\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(TrSman\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(TrSman\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(TrSman\_C)))  
  
TrSman\_Cgender\_sumstats <- TrSman\_Cgender\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
#Size 12 Table TNR  
flextable(TrSman\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Submandibular Contour SumStats by Gender")

**Table** : Tragion to Submandibular Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 11.9 | 18.5 | 14.71 | 1.14 | 0.04 | 13.00 | 13.90 | 14.60 | 15.40 | 16.76 | 235 |
| Male | 939 | 6.4 | 20.8 | 16.15 | 1.30 | 0.04 | 14.30 | 15.30 | 16.00 | 17.00 | 18.40 | 290 |
| Non-binary or Other | 5 | 14.7 | 15.6 | 15.15 | 0.64 | 0.28 | 14.74 | 14.92 | 15.15 | 15.38 | 15.55 | 3 |
| Prefer not to say | 1 | 18.1 | 18.1 | 18.10 |  |  | 18.10 | 18.10 | 18.10 | 18.10 | 18.10 | 0 |
|  | 8 | 14.3 | 17.5 | 15.22 | 1.02 | 0.36 | 14.41 | 14.67 | 14.90 | 15.27 | 16.91 | 0 |

#%>% set\_header\_Cabels(values = list(TrSman\_C = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(TrSman\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Submandibular Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Tragion to Submandibular Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 11.9 | 18.5 | 14.71 | 1.14 | 0.04 | 13.00 | 13.90 | 14.60 | 15.40 | 16.76 | 235 |
| Male | 939 | 6.4 | 20.8 | 16.15 | 1.30 | 0.04 | 14.30 | 15.30 | 16.00 | 17.00 | 18.40 | 290 |
| Non-binary or Other | 5 | 14.7 | 15.6 | 15.15 | 0.64 | 0.28 | 14.74 | 14.92 | 15.15 | 15.38 | 15.55 | 3 |
| Prefer not to say | 1 | 18.1 | 18.1 | 18.10 |  |  | 18.10 | 18.10 | 18.10 | 18.10 | 18.10 | 0 |
|  | 8 | 14.3 | 17.5 | 15.22 | 1.02 | 0.36 | 14.41 | 14.67 | 14.90 | 15.27 | 16.91 | 0 |

#%>% set\_header\_Cabels(values = list(TrSman\_C = "Subnasale/SubnasaleCont"))

#TrSman\_C age group sumstats  
TrSman\_Cage\_sumstats <- headscan\_full %>%   
 group\_by(age\_group) %>%   
 summarise(n = n(),  
 min = min(TrSman\_C, na.rm = TRUE),  
 max = max(TrSman\_C, na.rm = TRUE),  
 mean = mean(TrSman\_C, na.rm = TRUE),  
 sd = sd(TrSman\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(TrSman\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(TrSman\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(TrSman\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(TrSman\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(TrSman\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(TrSman\_C)))  
  
TrSman\_Cage\_sumstats <- TrSman\_Cage\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(TrSman\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Submandibular Contour SumStats by Gender")

**Table** : Tragion to Submandibular Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 12.3 | 20.5 | 15.03 | 1.33 | 0.04 | 13.1 | 14.07 | 14.90 | 15.9 | 17.44 | 240 |
| 37-54 | 940 | 11.9 | 20.8 | 15.66 | 1.38 | 0.04 | 13.7 | 14.70 | 15.60 | 16.5 | 18.12 | 264 |
| 55-72 | 84 | 6.4 | 18.5 | 15.84 | 1.75 | 0.19 | 13.7 | 15.12 | 16.15 | 16.9 | 17.61 | 24 |
|  | 1 | 15.8 | 15.8 | 15.80 |  |  | 15.8 | 15.80 | 15.80 | 15.8 | 15.80 | 0 |

#%>% set\_header\_Cabels(values = list(TrSman\_C = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(TrSman\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Submandibular Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Tragion to Submandibular Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 12.3 | 20.5 | 15.03 | 1.33 | 0.04 | 13.1 | 14.07 | 14.90 | 15.9 | 17.44 | 240 |
| 37-54 | 940 | 11.9 | 20.8 | 15.66 | 1.38 | 0.04 | 13.7 | 14.70 | 15.60 | 16.5 | 18.12 | 264 |
| 55-72 | 84 | 6.4 | 18.5 | 15.84 | 1.75 | 0.19 | 13.7 | 15.12 | 16.15 | 16.9 | 17.61 | 24 |
|  | 1 | 15.8 | 15.8 | 15.80 |  |  | 15.8 | 15.80 | 15.80 | 15.8 | 15.80 | 0 |

#%>% set\_header\_Cabels(values = list(TrSman\_C = "Subnasale/SubnasaleCont"))

TrSnas\_C

#TrSnas\_C race/eth sumstats  
TrSnas\_Crace\_sumstats <- headscan\_full %>%   
 group\_by(race\_eth) %>%   
 summarise(n = n(),  
 min = min(TrSnas\_C, na.rm = TRUE),  
 max = max(TrSnas\_C, na.rm = TRUE),  
 mean = mean(TrSnas\_C, na.rm = TRUE),  
 sd = sd(TrSnas\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(TrSnas\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(TrSnas\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(TrSnas\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(TrSnas\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(TrSnas\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(TrSnas\_C)))   
  
TrSnas\_Crace\_sumstats <- TrSnas\_Crace\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(TrSnas\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Subnasale Contour SumStats by Race/Ethnicity")

**Table** : Tragion to Subnasale Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 13.8 | 16.0 | 14.70 | 0.82 | 0.29 | 13.90 | 14.30 | 14.60 | 14.80 | 15.76 | 3 |
| Asian | 91 | 12.9 | 17.2 | 14.83 | 0.97 | 0.10 | 13.43 | 14.12 | 14.65 | 15.40 | 16.63 | 17 |
| Black | 548 | 13.1 | 18.1 | 15.48 | 0.84 | 0.04 | 14.20 | 14.90 | 15.40 | 16.00 | 16.90 | 125 |
| LatinX | 100 | 13.4 | 16.6 | 14.90 | 0.81 | 0.08 | 13.64 | 14.40 | 14.75 | 15.60 | 16.10 | 30 |
| NHOPI | 4 | 15.0 | 15.5 | 15.17 | 0.29 | 0.14 | 15.00 | 15.00 | 15.00 | 15.25 | 15.45 | 1 |
| Other | 21 | 13.5 | 17.2 | 15.14 | 0.90 | 0.20 | 14.04 | 14.55 | 14.90 | 15.90 | 16.39 | 2 |
| PTNS | 5 | 15.0 | 16.2 | 15.55 | 0.55 | 0.25 | 15.03 | 15.15 | 15.50 | 15.90 | 16.14 | 1 |
| white | 1,240 | 12.2 | 43.7 | 15.19 | 3.31 | 0.09 | 13.50 | 14.20 | 14.70 | 15.43 | 16.50 | 300 |

#%>% set\_header\_Cabels(values = list(TrSnas\_C = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(TrSnas\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Subnasale Contour SumStats by Race/Ethnicity") %>%   
 fit\_to\_width(7.5)

**Table** : Tragion to Subnasale Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 13.8 | 16.0 | 14.70 | 0.82 | 0.29 | 13.90 | 14.30 | 14.60 | 14.80 | 15.76 | 3 |
| Asian | 91 | 12.9 | 17.2 | 14.83 | 0.97 | 0.10 | 13.43 | 14.12 | 14.65 | 15.40 | 16.63 | 17 |
| Black | 548 | 13.1 | 18.1 | 15.48 | 0.84 | 0.04 | 14.20 | 14.90 | 15.40 | 16.00 | 16.90 | 125 |
| LatinX | 100 | 13.4 | 16.6 | 14.90 | 0.81 | 0.08 | 13.64 | 14.40 | 14.75 | 15.60 | 16.10 | 30 |
| NHOPI | 4 | 15.0 | 15.5 | 15.17 | 0.29 | 0.14 | 15.00 | 15.00 | 15.00 | 15.25 | 15.45 | 1 |
| Other | 21 | 13.5 | 17.2 | 15.14 | 0.90 | 0.20 | 14.04 | 14.55 | 14.90 | 15.90 | 16.39 | 2 |
| PTNS | 5 | 15.0 | 16.2 | 15.55 | 0.55 | 0.25 | 15.03 | 15.15 | 15.50 | 15.90 | 16.14 | 1 |
| white | 1,240 | 12.2 | 43.7 | 15.19 | 3.31 | 0.09 | 13.50 | 14.20 | 14.70 | 15.43 | 16.50 | 300 |

#%>% set\_header\_Cabels(values = list(TrSnas\_C = "Subnasale/SubnasaleCont"))

#TrSnas\_C gender sumstats  
TrSnas\_Cgender\_sumstats <- headscan\_full %>%   
 group\_by(gender) %>%   
 summarise(n = n(),  
 min = min(TrSnas\_C, na.rm = TRUE),  
 max = max(TrSnas\_C, na.rm = TRUE),  
 mean = mean(TrSnas\_C, na.rm = TRUE),  
 sd = sd(TrSnas\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(TrSnas\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(TrSnas\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(TrSnas\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(TrSnas\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(TrSnas\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(TrSnas\_C)))  
  
TrSnas\_Cgender\_sumstats <- TrSnas\_Cgender\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
#Size 12 Table TNR  
flextable(TrSnas\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Subnasale Contour SumStats by Gender")

**Table** : Tragion to Subnasale Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 12.2 | 42.0 | 14.85 | 2.67 | 0.08 | 13.41 | 14.0 | 14.5 | 15.10 | 16.10 | 241 |
| Male | 939 | 12.7 | 43.7 | 15.70 | 2.56 | 0.08 | 14.20 | 14.9 | 15.5 | 16.00 | 16.80 | 235 |
| Non-binary or Other | 5 | 14.6 | 15.0 | 14.80 | 0.28 | 0.13 | 14.62 | 14.7 | 14.8 | 14.90 | 14.98 | 3 |
| Prefer not to say | 1 | 15.2 | 15.2 | 15.20 |  |  | 15.20 | 15.2 | 15.2 | 15.20 | 15.20 | 0 |
|  | 8 | 14.1 | 15.7 | 14.81 | 0.55 | 0.19 | 14.17 | 14.3 | 14.9 | 15.12 | 15.52 | 0 |

#%>% set\_header\_Cabels(values = list(TrSnas\_C = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(TrSnas\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Subnasale Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Tragion to Subnasale Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 12.2 | 42.0 | 14.85 | 2.67 | 0.08 | 13.41 | 14.0 | 14.5 | 15.10 | 16.10 | 241 |
| Male | 939 | 12.7 | 43.7 | 15.70 | 2.56 | 0.08 | 14.20 | 14.9 | 15.5 | 16.00 | 16.80 | 235 |
| Non-binary or Other | 5 | 14.6 | 15.0 | 14.80 | 0.28 | 0.13 | 14.62 | 14.7 | 14.8 | 14.90 | 14.98 | 3 |
| Prefer not to say | 1 | 15.2 | 15.2 | 15.20 |  |  | 15.20 | 15.2 | 15.2 | 15.20 | 15.20 | 0 |
|  | 8 | 14.1 | 15.7 | 14.81 | 0.55 | 0.19 | 14.17 | 14.3 | 14.9 | 15.12 | 15.52 | 0 |

#%>% set\_header\_Cabels(values = list(TrSnas\_C = "Subnasale/SubnasaleCont"))

#TrSnas\_C age group sumstats  
TrSnas\_Cage\_sumstats <- headscan\_full %>%   
 group\_by(age\_group) %>%   
 summarise(n = n(),  
 min = min(TrSnas\_C, na.rm = TRUE),  
 max = max(TrSnas\_C, na.rm = TRUE),  
 mean = mean(TrSnas\_C, na.rm = TRUE),  
 sd = sd(TrSnas\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(TrSnas\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(TrSnas\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(TrSnas\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(TrSnas\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(TrSnas\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(TrSnas\_C)))  
  
TrSnas\_Cage\_sumstats <- TrSnas\_Cage\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(TrSnas\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Subnasale Contour SumStats by Gender")

**Table** : Tragion to Subnasale Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 12.9 | 43.7 | 15.14 | 2.52 | 0.08 | 13.6 | 14.30 | 14.9 | 15.6 | 16.50 | 210 |
| 37-54 | 940 | 12.2 | 41.1 | 15.29 | 2.67 | 0.09 | 13.6 | 14.40 | 15.0 | 15.7 | 16.72 | 244 |
| 55-72 | 84 | 13.0 | 42.5 | 15.86 | 3.65 | 0.40 | 14.2 | 14.65 | 15.3 | 16.1 | 17.01 | 25 |
|  | 1 | 14.7 | 14.7 | 14.70 |  |  | 14.7 | 14.70 | 14.7 | 14.7 | 14.70 | 0 |

#%>% set\_header\_Cabels(values = list(TrSnas\_C = "Subnasale/SubnasaleCont"))  
  
#Autofit Width Table TNR  
flextable(TrSnas\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Subnasale Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Tragion to Subnasale Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 12.9 | 43.7 | 15.14 | 2.52 | 0.08 | 13.6 | 14.30 | 14.9 | 15.6 | 16.50 | 210 |
| 37-54 | 940 | 12.2 | 41.1 | 15.29 | 2.67 | 0.09 | 13.6 | 14.40 | 15.0 | 15.7 | 16.72 | 244 |
| 55-72 | 84 | 13.0 | 42.5 | 15.86 | 3.65 | 0.40 | 14.2 | 14.65 | 15.3 | 16.1 | 17.01 | 25 |
|  | 1 | 14.7 | 14.7 | 14.70 |  |  | 14.7 | 14.70 | 14.7 | 14.7 | 14.70 | 0 |

#%>% set\_header\_Cabels(values = list(TrSnas\_C = "Subnasale/SubnasaleCont"))

TrTr\_C

#TrTr\_C race/eth sumstats  
TrTr\_Crace\_sumstats <- headscan\_full %>%   
 group\_by(race\_eth) %>%   
 summarise(n = n(),  
 min = min(TrTr\_C, na.rm = TRUE),  
 max = max(TrTr\_C, na.rm = TRUE),  
 mean = mean(TrTr\_C, na.rm = TRUE),  
 sd = sd(TrTr\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(TrTr\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(TrTr\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(TrTr\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(TrTr\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(TrTr\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(TrTr\_C)))   
  
TrTr\_Crace\_sumstats <- TrTr\_Crace\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(TrTr\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Tragion Contour SumStats by Race/Ethnicity")

**Table** : Tragion to Tragion Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 26.5 | 29.6 | 27.56 | 1.26 | 0.45 | 26.54 | 26.70 | 27.10 | 27.90 | 29.26 | 3 |
| Asian | 91 | 24.3 | 32.5 | 28.10 | 1.55 | 0.16 | 26.16 | 27.00 | 27.80 | 29.20 | 30.90 | 18 |
| Black | 548 | 24.8 | 32.6 | 28.78 | 1.41 | 0.06 | 26.50 | 27.80 | 28.80 | 29.70 | 31.20 | 126 |
| LatinX | 100 | 25.3 | 31.7 | 28.03 | 1.36 | 0.14 | 25.75 | 27.25 | 27.90 | 28.90 | 30.15 | 29 |
| NHOPI | 4 | 28.3 | 29.7 | 29.10 | 0.72 | 0.36 | 28.40 | 28.80 | 29.30 | 29.50 | 29.66 | 1 |
| Other | 21 | 25.3 | 31.4 | 28.21 | 1.46 | 0.32 | 26.38 | 27.40 | 28.30 | 28.85 | 30.41 | 2 |
| PTNS | 5 | 27.3 | 29.8 | 28.75 | 1.11 | 0.50 | 27.48 | 28.20 | 28.95 | 29.50 | 29.74 | 1 |
| white | 1,240 | 24.1 | 33.2 | 28.00 | 1.37 | 0.04 | 25.90 | 27.00 | 27.90 | 28.98 | 30.30 | 266 |

#%>% set\_header\_Cabels(values = list(TrTr\_C = "Tragion/TragionCont"))  
  
#Autofit Width Table TNR  
flextable(TrTr\_Crace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Tragion Contour SumStats by Race/Ethnicity") %>%   
 fit\_to\_width(7.5)

**Table** : Tragion to Tragion Contour SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 26.5 | 29.6 | 27.56 | 1.26 | 0.45 | 26.54 | 26.70 | 27.10 | 27.90 | 29.26 | 3 |
| Asian | 91 | 24.3 | 32.5 | 28.10 | 1.55 | 0.16 | 26.16 | 27.00 | 27.80 | 29.20 | 30.90 | 18 |
| Black | 548 | 24.8 | 32.6 | 28.78 | 1.41 | 0.06 | 26.50 | 27.80 | 28.80 | 29.70 | 31.20 | 126 |
| LatinX | 100 | 25.3 | 31.7 | 28.03 | 1.36 | 0.14 | 25.75 | 27.25 | 27.90 | 28.90 | 30.15 | 29 |
| NHOPI | 4 | 28.3 | 29.7 | 29.10 | 0.72 | 0.36 | 28.40 | 28.80 | 29.30 | 29.50 | 29.66 | 1 |
| Other | 21 | 25.3 | 31.4 | 28.21 | 1.46 | 0.32 | 26.38 | 27.40 | 28.30 | 28.85 | 30.41 | 2 |
| PTNS | 5 | 27.3 | 29.8 | 28.75 | 1.11 | 0.50 | 27.48 | 28.20 | 28.95 | 29.50 | 29.74 | 1 |
| white | 1,240 | 24.1 | 33.2 | 28.00 | 1.37 | 0.04 | 25.90 | 27.00 | 27.90 | 28.98 | 30.30 | 266 |

#%>% set\_header\_Cabels(values = list(TrTr\_C = "Tragion/TragionCont"))

#TrTr\_C gender sumstats  
TrTr\_Cgender\_sumstats <- headscan\_full %>%   
 group\_by(gender) %>%   
 summarise(n = n(),  
 min = min(TrTr\_C, na.rm = TRUE),  
 max = max(TrTr\_C, na.rm = TRUE),  
 mean = mean(TrTr\_C, na.rm = TRUE),  
 sd = sd(TrTr\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(TrTr\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(TrTr\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(TrTr\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(TrTr\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(TrTr\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(TrTr\_C)))  
  
TrTr\_Cgender\_sumstats <- TrTr\_Cgender\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
#Size 12 Table TNR  
flextable(TrTr\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Tragion Contour SumStats by Gender")

**Table** : Tragion to Tragion Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 24.1 | 32.5 | 27.53 | 1.22 | 0.04 | 25.70 | 26.70 | 27.40 | 28.30 | 29.70 | 231 |
| Male | 939 | 25.4 | 33.2 | 29.01 | 1.23 | 0.04 | 27.00 | 28.20 | 29.00 | 29.80 | 31.10 | 212 |
| Non-binary or Other | 5 | 27.8 | 28.8 | 28.30 | 0.71 | 0.32 | 27.85 | 28.05 | 28.30 | 28.55 | 28.75 | 3 |
| Prefer not to say | 1 | 29.4 | 29.4 | 29.40 |  |  | 29.40 | 29.40 | 29.40 | 29.40 | 29.40 | 0 |
|  | 8 | 27.0 | 30.2 | 27.91 | 1.05 | 0.37 | 27.00 | 27.15 | 27.75 | 28.10 | 29.57 | 0 |

#%>% set\_header\_Cabels(values = list(TrTr\_C = "Tragion/TragionCont"))  
  
#Autofit Width Table TNR  
flextable(TrTr\_Cgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Tragion Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Tragion to Tragion Contour SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 24.1 | 32.5 | 27.53 | 1.22 | 0.04 | 25.70 | 26.70 | 27.40 | 28.30 | 29.70 | 231 |
| Male | 939 | 25.4 | 33.2 | 29.01 | 1.23 | 0.04 | 27.00 | 28.20 | 29.00 | 29.80 | 31.10 | 212 |
| Non-binary or Other | 5 | 27.8 | 28.8 | 28.30 | 0.71 | 0.32 | 27.85 | 28.05 | 28.30 | 28.55 | 28.75 | 3 |
| Prefer not to say | 1 | 29.4 | 29.4 | 29.40 |  |  | 29.40 | 29.40 | 29.40 | 29.40 | 29.40 | 0 |
|  | 8 | 27.0 | 30.2 | 27.91 | 1.05 | 0.37 | 27.00 | 27.15 | 27.75 | 28.10 | 29.57 | 0 |

#%>% set\_header\_Cabels(values = list(TrTr\_C = "Tragion/TragionCont"))

#TrTr\_C age group sumstats  
TrTr\_Cage\_sumstats <- headscan\_full %>%   
 group\_by(age\_group) %>%   
 summarise(n = n(),  
 min = min(TrTr\_C, na.rm = TRUE),  
 max = max(TrTr\_C, na.rm = TRUE),  
 mean = mean(TrTr\_C, na.rm = TRUE),  
 sd = sd(TrTr\_C, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(TrTr\_C, 0.05, na.rm=TRUE),  
 percent25th = quantile(TrTr\_C, 0.25, na.rm=TRUE),  
 percent50th = quantile(TrTr\_C, 0.50, na.rm=TRUE),  
 percent75th = quantile(TrTr\_C, 0.75, na.rm=TRUE),  
 percent95th = quantile(TrTr\_C, 0.95, na.rm=TRUE),  
 na = sum(is.na(TrTr\_C)))  
  
TrTr\_Cage\_sumstats <- TrTr\_Cage\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(TrTr\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Tragion Contour SumStats by Gender")

**Table** : Tragion to Tragion Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 24.1 | 32.6 | 28.16 | 1.42 | 0.05 | 26.0 | 27.1 | 28.1 | 29.2 | 30.53 | 197 |
| 37-54 | 940 | 24.4 | 33.2 | 28.25 | 1.42 | 0.05 | 26.2 | 27.2 | 28.2 | 29.3 | 30.74 | 226 |
| 55-72 | 84 | 25.5 | 31.7 | 28.74 | 1.42 | 0.16 | 26.6 | 27.7 | 28.8 | 29.8 | 30.90 | 23 |
|  | 1 | 28.3 | 28.3 | 28.30 |  |  | 28.3 | 28.3 | 28.3 | 28.3 | 28.30 | 0 |

#%>% set\_header\_Cabels(values = list(TrTr\_C = "Tragion/TragionCont"))  
  
#Autofit Width Table TNR  
flextable(TrTr\_Cage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Tragion Contour SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Tragion to Tragion Contour SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 24.1 | 32.6 | 28.16 | 1.42 | 0.05 | 26.0 | 27.1 | 28.1 | 29.2 | 30.53 | 197 |
| 37-54 | 940 | 24.4 | 33.2 | 28.25 | 1.42 | 0.05 | 26.2 | 27.2 | 28.2 | 29.3 | 30.74 | 226 |
| 55-72 | 84 | 25.5 | 31.7 | 28.74 | 1.42 | 0.16 | 26.6 | 27.7 | 28.8 | 29.8 | 30.90 | 23 |
|  | 1 | 28.3 | 28.3 | 28.30 |  |  | 28.3 | 28.3 | 28.3 | 28.3 | 28.30 | 0 |

#%>% set\_header\_Cabels(values = list(TrTr\_C = "Tragion/TragionCont"))

TrTr\_L

#TrTr\_L race/eth sumstats  
TrTr\_Lrace\_sumstats <- headscan\_full %>%   
 group\_by(race\_eth) %>%   
 summarise(n = n(),  
 min = min(TrTr\_L, na.rm = TRUE),  
 max = max(TrTr\_L, na.rm = TRUE),  
 mean = mean(TrTr\_L, na.rm = TRUE),  
 sd = sd(TrTr\_L, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(TrTr\_L, 0.05, na.rm=TRUE),  
 percent25th = quantile(TrTr\_L, 0.25, na.rm=TRUE),  
 percent50th = quantile(TrTr\_L, 0.50, na.rm=TRUE),  
 percent75th = quantile(TrTr\_L, 0.75, na.rm=TRUE),  
 percent95th = quantile(TrTr\_L, 0.95, na.rm=TRUE),  
 na = sum(is.na(TrTr\_L)))   
  
TrTr\_Lrace\_sumstats <- TrTr\_Lrace\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(TrTr\_Lrace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Tragion Linear SumStats by Race/Ethnicity")

**Table** : Tragion to Tragion Linear SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 13.2 | 15.7 | 14.12 | 0.94 | 0.33 | 13.32 | 13.80 | 13.9 | 14.00 | 15.36 | 3 |
| Asian | 91 | 12.9 | 16.7 | 14.72 | 0.89 | 0.09 | 13.43 | 13.93 | 14.7 | 15.30 | 16.10 | 17 |
| Black | 548 | 13.0 | 17.2 | 14.83 | 0.74 | 0.03 | 13.70 | 14.30 | 14.8 | 15.30 | 16.00 | 126 |
| LatinX | 100 | 13.2 | 17.1 | 14.66 | 0.80 | 0.08 | 13.45 | 14.05 | 14.6 | 15.25 | 15.85 | 29 |
| NHOPI | 4 | 15.3 | 16.0 | 15.60 | 0.36 | 0.18 | 15.32 | 15.40 | 15.5 | 15.75 | 15.95 | 1 |
| Other | 21 | 13.8 | 15.9 | 14.78 | 0.66 | 0.14 | 13.98 | 14.25 | 14.6 | 15.25 | 15.81 | 2 |
| PTNS | 5 | 14.0 | 15.6 | 15.05 | 0.71 | 0.32 | 14.20 | 14.98 | 15.3 | 15.38 | 15.55 | 1 |
| white | 1,240 | 12.7 | 16.8 | 14.54 | 0.76 | 0.02 | 13.40 | 14.00 | 14.5 | 15.10 | 15.90 | 263 |

#%>% set\_header\_Labels(values = list(TrTr\_L = "Tragion/TragionCont"))  
  
#Autofit Width Table TNR  
flextable(TrTr\_Lrace\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Tragion Linear SumStats by Race/Ethnicity") %>%   
 fit\_to\_width(7.5)

**Table** : Tragion to Tragion Linear SumStats by Race/Ethnicity

| **race\_eth** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIAN | 8 | 13.2 | 15.7 | 14.12 | 0.94 | 0.33 | 13.32 | 13.80 | 13.9 | 14.00 | 15.36 | 3 |
| Asian | 91 | 12.9 | 16.7 | 14.72 | 0.89 | 0.09 | 13.43 | 13.93 | 14.7 | 15.30 | 16.10 | 17 |
| Black | 548 | 13.0 | 17.2 | 14.83 | 0.74 | 0.03 | 13.70 | 14.30 | 14.8 | 15.30 | 16.00 | 126 |
| LatinX | 100 | 13.2 | 17.1 | 14.66 | 0.80 | 0.08 | 13.45 | 14.05 | 14.6 | 15.25 | 15.85 | 29 |
| NHOPI | 4 | 15.3 | 16.0 | 15.60 | 0.36 | 0.18 | 15.32 | 15.40 | 15.5 | 15.75 | 15.95 | 1 |
| Other | 21 | 13.8 | 15.9 | 14.78 | 0.66 | 0.14 | 13.98 | 14.25 | 14.6 | 15.25 | 15.81 | 2 |
| PTNS | 5 | 14.0 | 15.6 | 15.05 | 0.71 | 0.32 | 14.20 | 14.98 | 15.3 | 15.38 | 15.55 | 1 |
| white | 1,240 | 12.7 | 16.8 | 14.54 | 0.76 | 0.02 | 13.40 | 14.00 | 14.5 | 15.10 | 15.90 | 263 |

#%>% set\_header\_Labels(values = list(TrTr\_L = "Tragion/TragionCont"))

#TrTr\_L gender sumstats  
TrTr\_Lgender\_sumstats <- headscan\_full %>%   
 group\_by(gender) %>%   
 summarise(n = n(),  
 min = min(TrTr\_L, na.rm = TRUE),  
 max = max(TrTr\_L, na.rm = TRUE),  
 mean = mean(TrTr\_L, na.rm = TRUE),  
 sd = sd(TrTr\_L, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(TrTr\_L, 0.05, na.rm=TRUE),  
 percent25th = quantile(TrTr\_L, 0.25, na.rm=TRUE),  
 percent50th = quantile(TrTr\_L, 0.50, na.rm=TRUE),  
 percent75th = quantile(TrTr\_L, 0.75, na.rm=TRUE),  
 percent95th = quantile(TrTr\_L, 0.95, na.rm=TRUE),  
 na = sum(is.na(TrTr\_L)))  
  
TrTr\_Lgender\_sumstats <- TrTr\_Lgender\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
#Size 12 Table TNR  
flextable(TrTr\_Lgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Tragion Linear SumStats by Gender")

**Table** : Tragion to Tragion Linear SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 12.7 | 16.5 | 14.18 | 0.59 | 0.02 | 13.30 | 13.80 | 14.10 | 14.50 | 15.20 | 228 |
| Male | 939 | 13.2 | 17.2 | 15.16 | 0.62 | 0.02 | 14.23 | 14.70 | 15.10 | 15.60 | 16.20 | 211 |
| Non-binary or Other | 5 | 14.1 | 14.6 | 14.35 | 0.35 | 0.16 | 14.12 | 14.22 | 14.35 | 14.47 | 14.57 | 3 |
| Prefer not to say | 1 | 15.3 | 15.3 | 15.30 |  |  | 15.30 | 15.30 | 15.30 | 15.30 | 15.30 | 0 |
|  | 8 | 13.8 | 15.0 | 14.45 | 0.38 | 0.13 | 13.94 | 14.28 | 14.40 | 14.72 | 14.93 | 0 |

#%>% set\_header\_Labels(values = list(TrTr\_L = "Tragion/TragionCont"))  
  
#Autofit Width Table TNR  
flextable(TrTr\_Lgender\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Tragion Linear SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Tragion to Tragion Linear SumStats by Gender

| **gender** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Female | 1,064 | 12.7 | 16.5 | 14.18 | 0.59 | 0.02 | 13.30 | 13.80 | 14.10 | 14.50 | 15.20 | 228 |
| Male | 939 | 13.2 | 17.2 | 15.16 | 0.62 | 0.02 | 14.23 | 14.70 | 15.10 | 15.60 | 16.20 | 211 |
| Non-binary or Other | 5 | 14.1 | 14.6 | 14.35 | 0.35 | 0.16 | 14.12 | 14.22 | 14.35 | 14.47 | 14.57 | 3 |
| Prefer not to say | 1 | 15.3 | 15.3 | 15.30 |  |  | 15.30 | 15.30 | 15.30 | 15.30 | 15.30 | 0 |
|  | 8 | 13.8 | 15.0 | 14.45 | 0.38 | 0.13 | 13.94 | 14.28 | 14.40 | 14.72 | 14.93 | 0 |

#%>% set\_header\_Labels(values = list(TrTr\_L = "Tragion/TragionCont"))

#TrTr\_L age group sumstats  
TrTr\_Lage\_sumstats <- headscan\_full %>%   
 group\_by(age\_group) %>%   
 summarise(n = n(),  
 min = min(TrTr\_L, na.rm = TRUE),  
 max = max(TrTr\_L, na.rm = TRUE),  
 mean = mean(TrTr\_L, na.rm = TRUE),  
 sd = sd(TrTr\_L, na.rm = TRUE),  
 se = sd/sqrt(n),  
 percent5th = quantile(TrTr\_L, 0.05, na.rm=TRUE),  
 percent25th = quantile(TrTr\_L, 0.25, na.rm=TRUE),  
 percent50th = quantile(TrTr\_L, 0.50, na.rm=TRUE),  
 percent75th = quantile(TrTr\_L, 0.75, na.rm=TRUE),  
 percent95th = quantile(TrTr\_L, 0.95, na.rm=TRUE),  
 na = sum(is.na(TrTr\_L)))  
  
TrTr\_Lage\_sumstats <- TrTr\_Lage\_sumstats %>%   
 mutate(across(where(is.numeric), round, 2))  
  
  
#Size 12 Table TNR  
flextable(TrTr\_Lage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Tragion Linear SumStats by Gender")

**Table** : Tragion to Tragion Linear SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 12.7 | 16.7 | 14.62 | 0.77 | 0.02 | 13.4 | 14.0 | 14.5 | 15.17 | 16.00 | 194 |
| 37-54 | 940 | 12.7 | 17.2 | 14.63 | 0.76 | 0.02 | 13.5 | 14.1 | 14.6 | 15.20 | 15.93 | 225 |
| 55-72 | 84 | 13.2 | 17.2 | 14.93 | 0.92 | 0.10 | 13.5 | 14.2 | 14.9 | 15.70 | 16.30 | 23 |
|  | 1 | 14.7 | 14.7 | 14.70 |  |  | 14.7 | 14.7 | 14.7 | 14.70 | 14.70 | 0 |

#%>% set\_header\_Labels(values = list(TrTr\_L = "Tragion/TragionCont"))  
  
#Autofit Width Table TNR  
flextable(TrTr\_Lage\_sumstats) %>%  
 my\_ft\_theme()%>%   
 bold(part = "header") %>%   
 set\_caption("Tragion to Tragion Linear SumStats by Gender") %>%   
 fit\_to\_width(7.5)

**Table** : Tragion to Tragion Linear SumStats by Gender

| **age\_group** | **n** | **min** | **max** | **mean** | **sd** | **se** | **percent5th** | **percent25th** | **percent50th** | **percent75th** | **percent95th** | **na** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18-36 | 992 | 12.7 | 16.7 | 14.62 | 0.77 | 0.02 | 13.4 | 14.0 | 14.5 | 15.17 | 16.00 | 194 |
| 37-54 | 940 | 12.7 | 17.2 | 14.63 | 0.76 | 0.02 | 13.5 | 14.1 | 14.6 | 15.20 | 15.93 | 225 |
| 55-72 | 84 | 13.2 | 17.2 | 14.93 | 0.92 | 0.10 | 13.5 | 14.2 | 14.9 | 15.70 | 16.30 | 23 |
|  | 1 | 14.7 | 14.7 | 14.70 |  |  | 14.7 | 14.7 | 14.7 | 14.70 | 14.70 | 0 |

#%>% set\_header\_Labels(values = list(TrTr\_L = "Tragion/TragionCont"))