gtsummary in quarto

# Customization of tbl\_summary()

| **Characteristic** | **Male** N = 6,403*1* | **Female** N = 6,283*1* |
| --- | --- | --- |
| race\_eth\_cat |  |  |
| Hispanic | 1,000 (16%) | 1,002 (16%) |
| Black | 1,613 (25%) | 1,561 (25%) |
| Non-Black, Non-Hispanic | 3,790 (59%) | 3,720 (59%) |
| region\_cat |  |  |
| Northeast | 1,296 (21%) | 1,254 (20%) |
| North Central | 1,488 (24%) | 1,446 (23%) |
| South | 2,251 (36%) | 2,317 (38%) |
| West | 1,253 (20%) | 1,142 (19%) |
| Unknown | 115 | 124 |
| eyesight\_cat |  |  |
| Excellent | 1,582 (38%) | 1,334 (31%) |
| Very good | 1,470 (35%) | 1,500 (35%) |
| Good | 792 (19%) | 1,002 (23%) |
| Fair | 267 (6.4%) | 365 (8.5%) |
| Poor | 47 (1.1%) | 85 (2.0%) |
| Unknown | 2,245 | 1,997 |
| glasses | 1,566 (38%) | 2,328 (54%) |
| Unknown | 2,241 | 1,995 |
| age\_bir | 25 (21, 29) | 22 (19, 27) |
| Unknown | 3,652 | 3,091 |
| *1*n (%); Median (Q1, Q3) | | |

| **Characteristic** | **Male** N = 6,403*1* | **Female** N = 6,283*1* |
| --- | --- | --- |
| Race/ethnicity |  |  |
| Hispanic | 1,000 (16%) | 1,002 (16%) |
| Black | 1,613 (25%) | 1,561 (25%) |
| Non-Black, Non-Hispanic | 3,790 (59%) | 3,720 (59%) |
| Region |  |  |
| Northeast | 1,296 (21%) | 1,254 (20%) |
| North Central | 1,488 (24%) | 1,446 (23%) |
| South | 2,251 (36%) | 2,317 (38%) |
| West | 1,253 (20%) | 1,142 (19%) |
| Missing | 115 | 124 |
| Eyesight |  |  |
| Excellent | 1,582 (38%) | 1,334 (31%) |
| Very good | 1,470 (35%) | 1,500 (35%) |
| Good | 792 (19%) | 1,002 (23%) |
| Fair | 267 (6.4%) | 365 (8.5%) |
| Poor | 47 (1.1%) | 85 (2.0%) |
| Missing | 2,245 | 1,997 |
| Wears glasses | 1,566 (38%) | 2,328 (54%) |
| Missing | 2,241 | 1,995 |
| Age at first birth | 25 (21, 29) | 22 (19, 27) |
| Missing | 3,652 | 3,091 |
| *1*n (%); Median (Q1, Q3) | | |

# Added Code

tbl\_summary(  
 NLSY,  
 by = sex\_cat,  
 include = c(sex\_cat, race\_eth\_cat, region\_cat,  
 eyesight\_cat, glasses, age\_bir))

Error in eval(expr, envir, enclos): object 'NLSY' not found

*The mistake in the code was that “NSLY” is not an object in our environment, “nsly” is though*

# Corrected Code

| **Characteristic** | **Male** N = 6,403*1* | **Female** N = 6,283*1* |
| --- | --- | --- |
| race\_eth\_cat |  |  |
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| glasses | 1,566 (38%) | 2,328 (54%) |
| Unknown | 2,241 | 1,995 |
| age\_bir | 25 (21, 29) | 22 (19, 27) |
| Unknown | 3,652 | 3,091 |
| *1*n (%); Median (Q1, Q3) | | |

Table of outcomes by sex

@table-summary-by-sex-cat contains a table

avg\_sleep\_wknd<- mean(nlsy$sleep\_wknd)  
print(avg\_sleep\_wknd)

[1] NA

"The average sleep on the weekends is `r avg\_sleep\_wknd`"

[1] "The average sleep on the weekends is `r avg\_sleep\_wknd`"