

# gtsummary in quarto

Text about the data:

We’re using some data from the National Longitudinal Survey of Youth 1979, a cohort of American young adults aged 14-22 at enrollment in 1979. They continue to be followed to this day, and there is a wealth of publicly available data online. I’ve downloaded the answers to a survey question about whether respondents wear glasses, a scale about their eyesight with glasses, their (NLSY-assigned 🧐) race/ethnicity, their sex (presumably at birth, but unclear), their family’s income in 1979, and their age at the birth of their first child.

## Customization of `tbl_summary()`

Table 1: This is a great table



Characteristic	Male	Female
	N = 6,403	N = 6,283
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
n (%); Median (Q1, Q3)		

[Table 1](#) shows the descriptive statistics

Characteristic	Male	Female
	N = 6,403	N = 6,283
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
n (%); Median (Q1, Q3)		

Characteristic	Male	Female
	N = 6,403	N = 6,283
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
n (%); Median (Q1, Q3)		

There was 7.163448 average night weekend sleep

There was 7.163448 average night weekend sleep

There was 7 median night weekend sleep

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Table 2: Descriptive statistics

Characteristic	Male	Female	Overall
	N = 6,403	N = 6,283	N = 12,686
race_eth_cat			
Hispanic	1,000 (16%)	1,002 (16%)	2,002 (16%)
Black	1,613 (25%)	1,561 (25%)	3,174 (25%)
Non-Black, Non-Hispanic	3,790 (59%)	3,720 (59%)	7,510 (59%)
region_cat			
Northeast	1,296 (21%)	1,254 (20%)	2,550 (20%)
North Central	1,488 (24%)	1,446 (23%)	2,934 (24%)
South	2,251 (36%)	2,317 (38%)	4,568 (37%)
West	1,253 (20%)	1,142 (19%)	2,395 (19%)
Unknown	115	124	239
eyesight_cat			
Excellent	1,582 (38%)	1,334 (31%)	2,916 (35%)
Very good	1,470 (35%)	1,500 (35%)	2,970 (35%)
Good	792 (19%)	1,002 (23%)	1,794 (21%)
Fair	267 (6.4%)	365 (8.5%)	632 (7.5%)
Poor	47 (1.1%)	85 (2.0%)	132 (1.6%)
Unknown	2,245	1,997	4,242
glasses	1,566 (38%)	2,328 (54%)	3,894 (46%)
Unknown	2,241	1,995	4,236
age_bir	25 (21, 29)	22 (19, 27)	23 (20, 28)
Unknown	3,652	3,091	6,743
n (%); Median (Q1, Q3)			

The IQR for age is 25 (21, 29).

N = 12,686	
Characteristic	
sleep_wknd	7.00 (6.00, 8.00)
Unknown	4,867

The median hours of sleep per weekend is 7.00 (6.00, 8.00).