Assignment 9: Birth Times

FirstName LastName
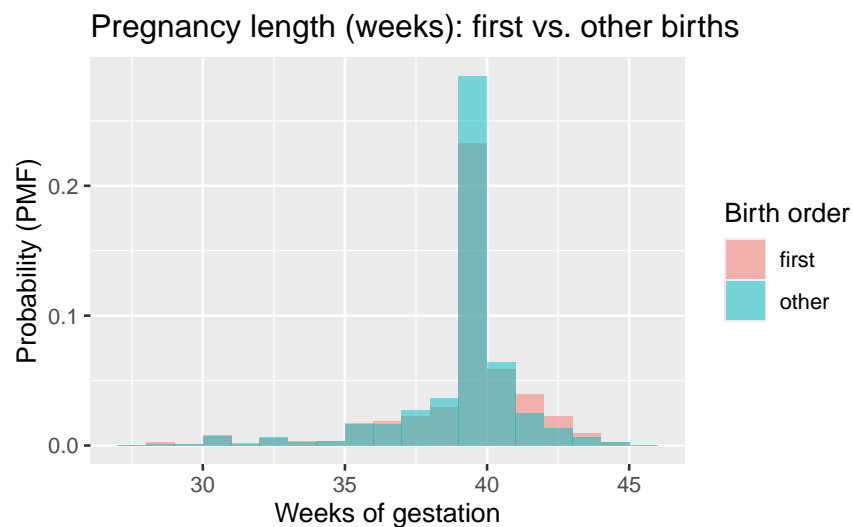
2025-10-22

Exercise 1

```
live_births <- dplyr::filter(nsfg6, outcome == 1)
pregnancy_length <- dplyr::mutate(
  live_births,
  birth_order = dplyr::if_else(birthord == 1, "first", "other")
) |>
  dplyr::select(prglngth, birth_order)
```

Exercise 2

```
## Warning: Removed 80 rows containing non-finite outside the scale range
## ('stat_bin()').
```


Pregnancy length (weeks): first vs. other births

Exercise 3

birth_order	mean	median	sd	IQR	min	max
first	38.60095	39	2.791901	1	0	48
other	38.52291	39	2.615852	0	4	50

Exercise 4

Exercise 5

Exercise 6

Exercise 7