Dane ilościowe - wizualizacja

Imię i nazwisko

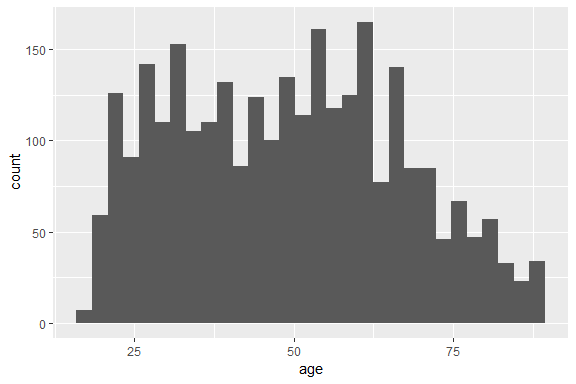
# Jedna zmienna

## Histogram

ggplot(gss, aes(x=age)) + geom\_histogram()

## `stat\_bin()` using `bins = 30`. Pick better value with `binwidth`.

## Warning: Removed 10 rows containing non-finite values (stat\_bin).



## Wykres gęstości

ggplot(gss, aes(x=age)) + geom\_density()

## Warning: Removed 10 rows containing non-finite values (stat\_density).

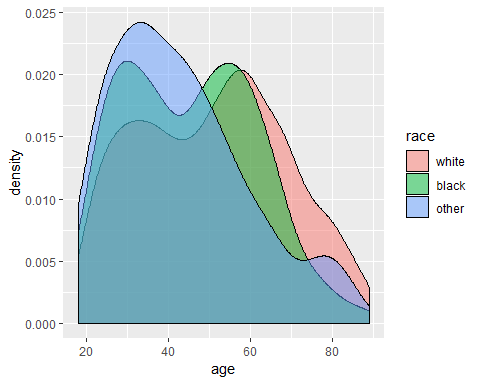


# Dwie zmienne

## Wykres gęstości

ggplot(gss, aes(x=age, fill=race)) + geom\_density(alpha=0.5)

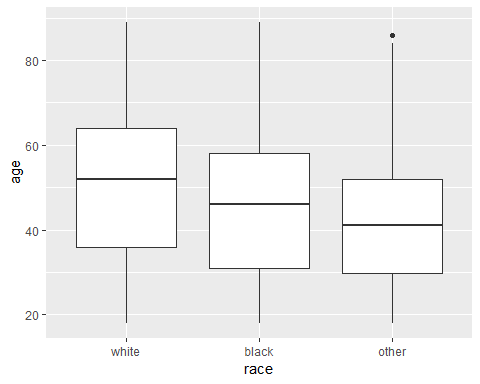
## Warning: Removed 10 rows containing non-finite values (stat\_density).



## Wykres pudełkowy

ggplot(gss, aes(y=age, x=race)) + geom\_boxplot()

## Warning: Removed 10 rows containing non-finite values (stat\_boxplot).



## Wykres skrzypcowy

ggplot(gss, aes(y=age, x=race)) + geom\_violin()

## Warning: Removed 10 rows containing non-finite values (stat\_ydensity).

