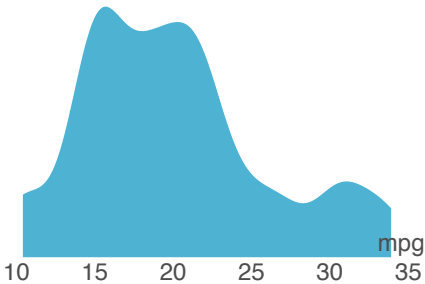
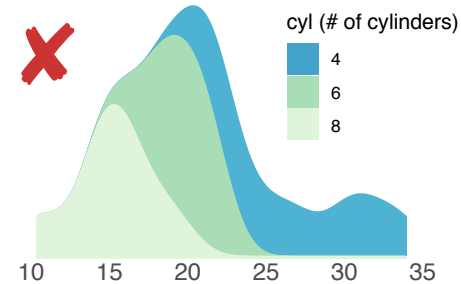


a) P(mpg) in ggplot



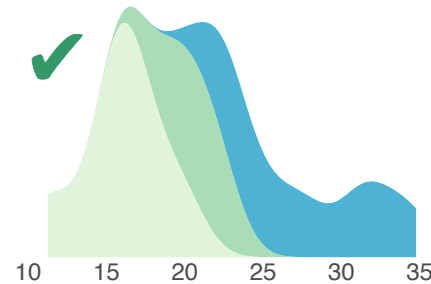
```
ggplot(mtcars) +
  geom_density(
    aes(x = mpg,
        y = stat(density))
  ))
```

b) Naive ggplot



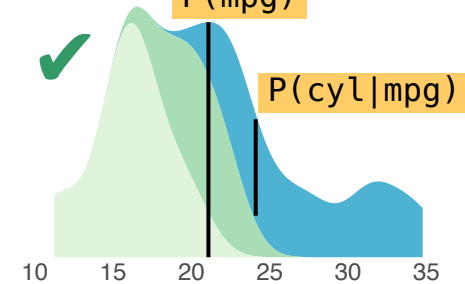
```
ggplot(mtcars) +
  geom_density(
    aes(x = mpg,
        y = stat(density),
        fill = cyl),
    position = "stack")
```

c) ggplot: corrected



```
ggplot(mtcars) +
  geom_density(
    aes(x = mpg,
        y = stat(density*n),
        fill = cyl)),
  position = "stack")
```

d) PGoG



```
ggplot(mtcars) +
  geom_bloc(
    aes(x = mpg,
        height = P(cyl|mpg) P(mpg),
        fill = cyl))
```