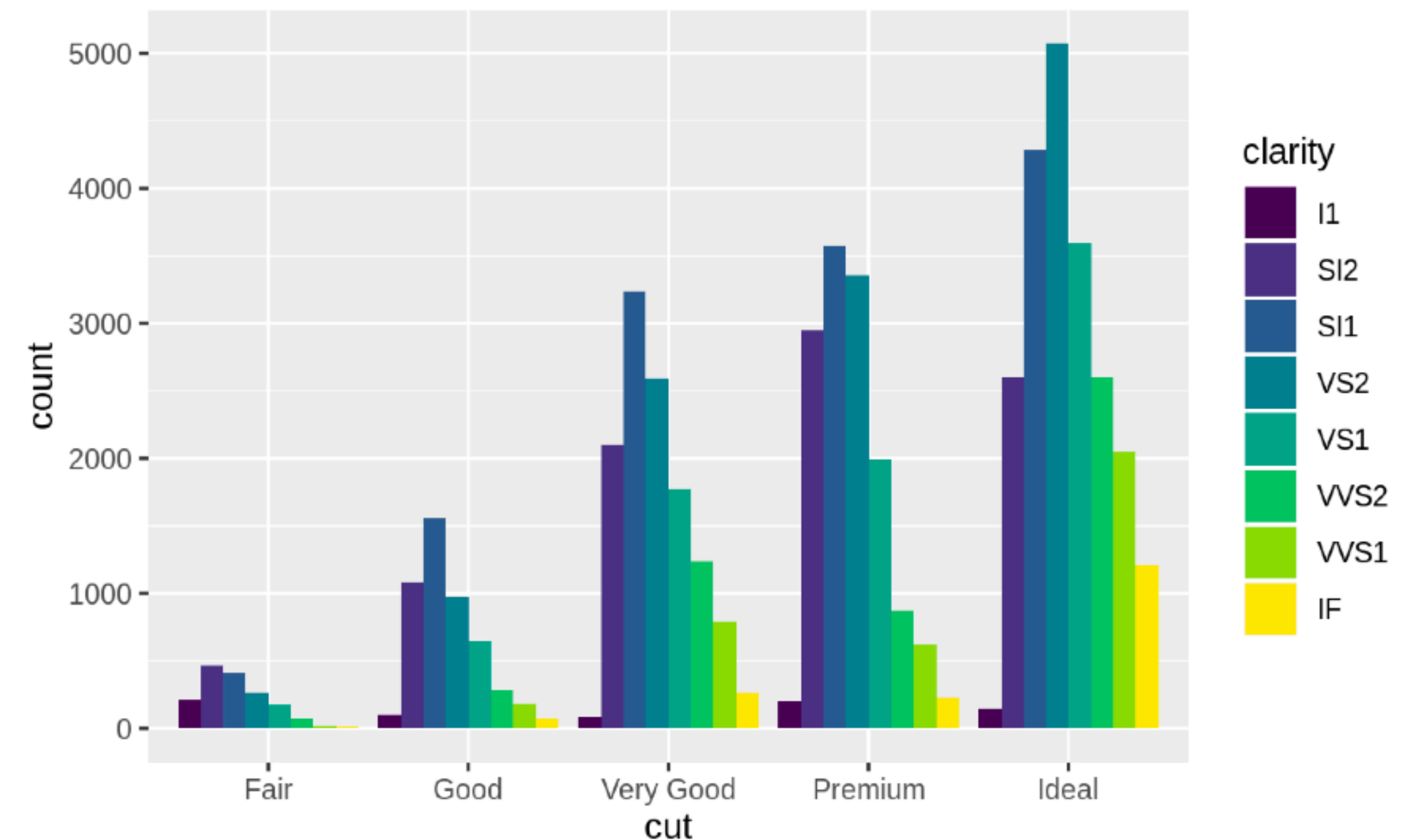# You can apply position adjustments to plots

```
ggplot(data = diamonds) +
  geom_bar(mapping = aes(x = cut, fill = clarity),
           position = "dodge")
```

You can change the type of position adjustment that gets applied.

Exercise set 3

1. Turn a stacked bar chart into a pie chart using `coord_polar()`.

2. What's the difference between `coord_quickmap()` and `coord_map()`?

3. What does the plot below tell you about the relationship between city and highway mpg? Why is `coord_fixed()` important? What does `geom_abline()` do?

```
ggplot(data = mpg, mapping = aes(x = cty, y = hwy)) +
geom_point() +
geom_abline() +
coord_fixed()
```