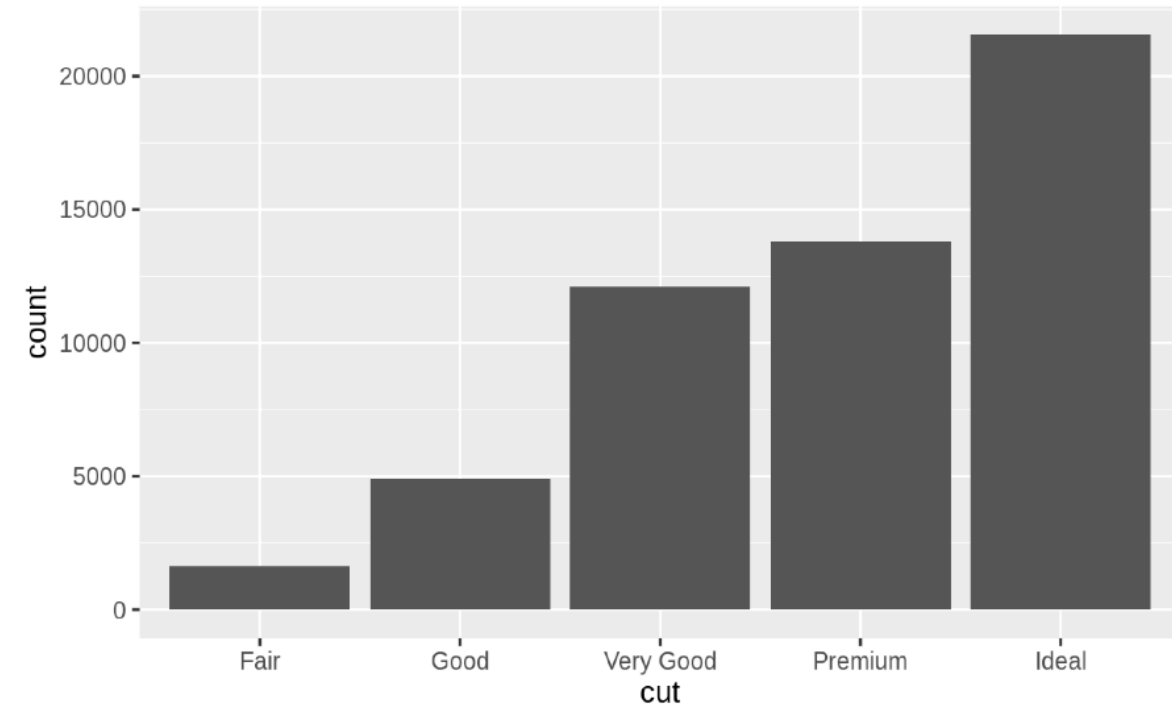
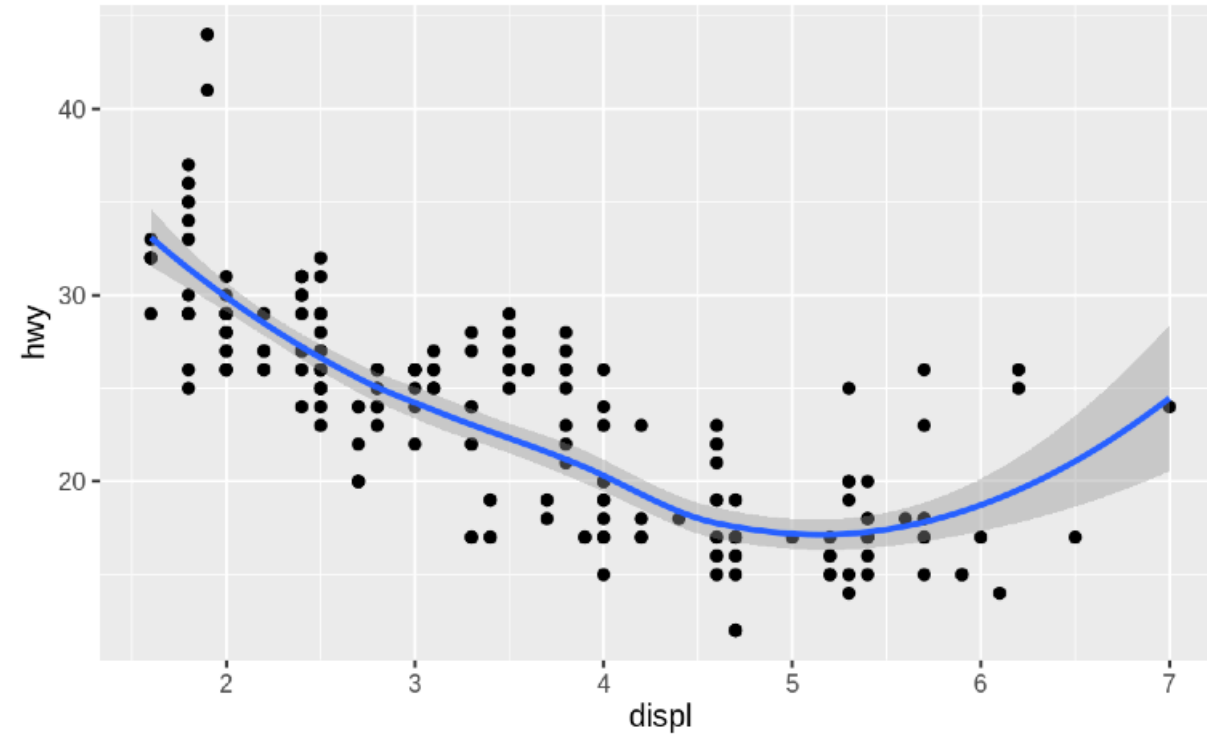


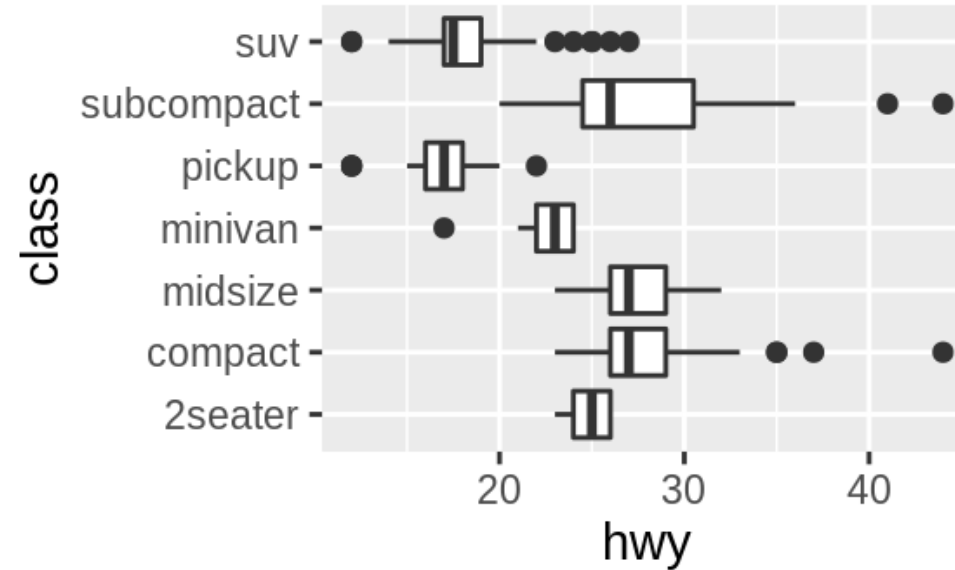
bar charts, histograms, and frequency polygons
bin your data and then plot bin counts, the
number of points that fall in each bin.



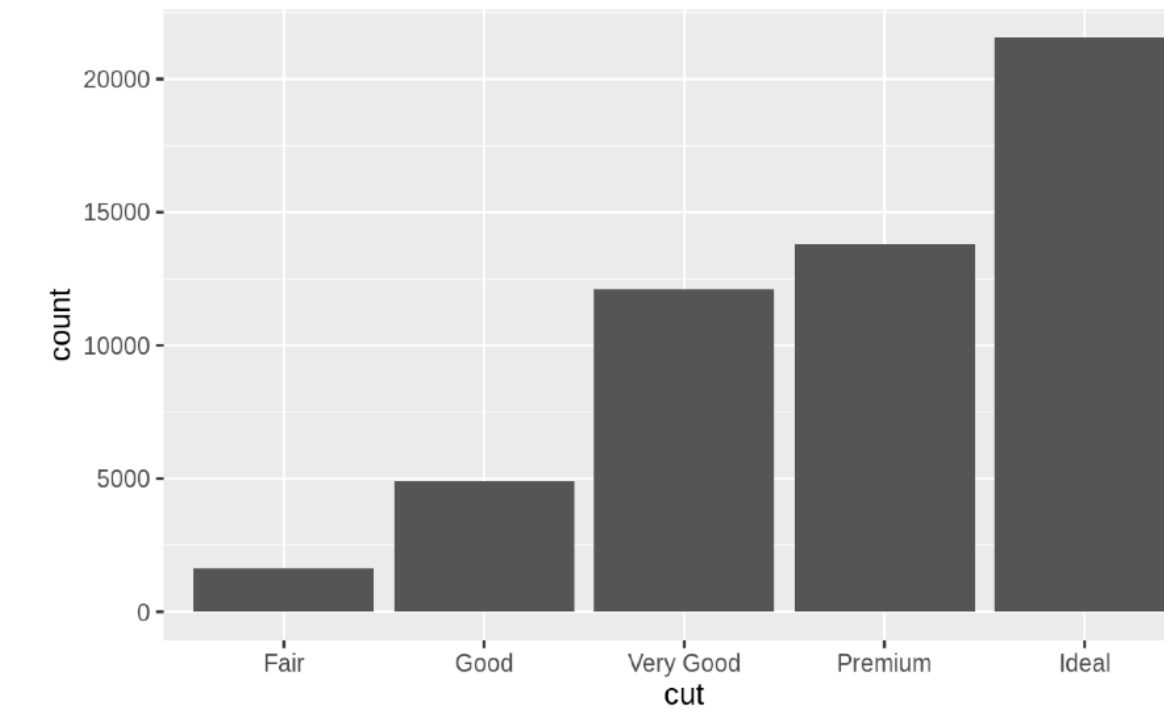
Smoothers fit a model to your data and then plot predictions from the model



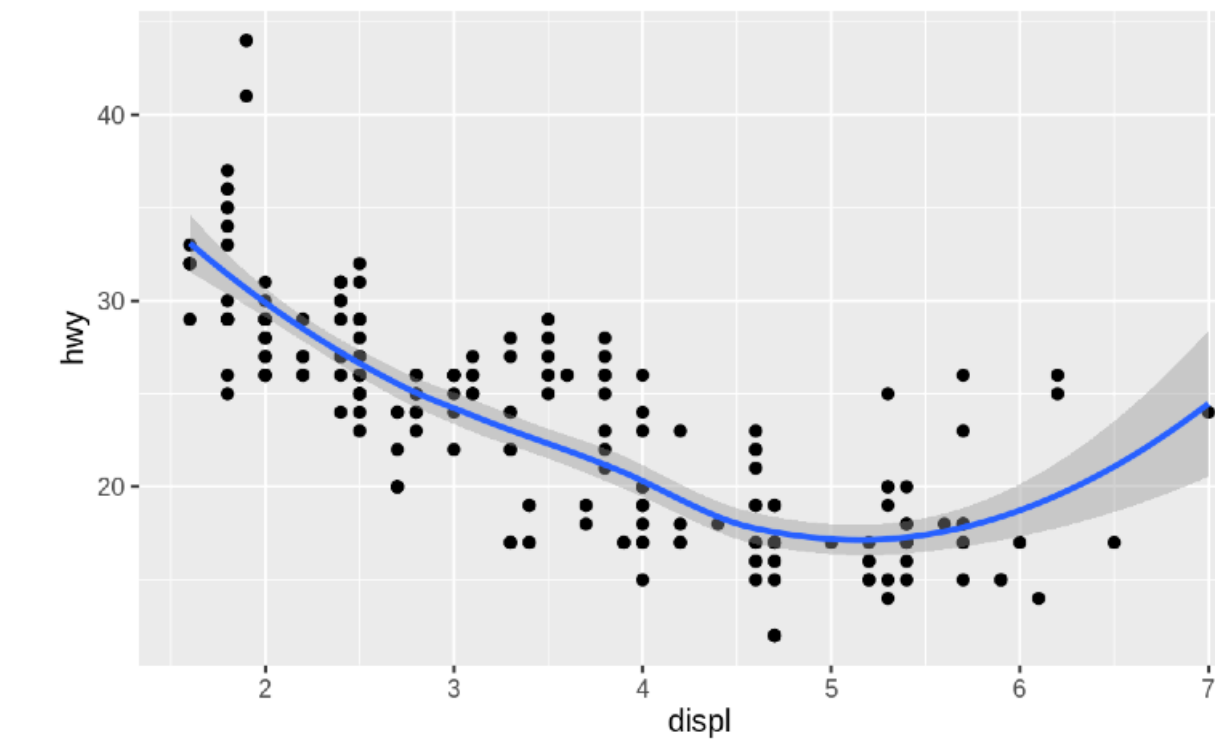
Boxplots compute a robust summary of the distribution and then display a specially formatted box



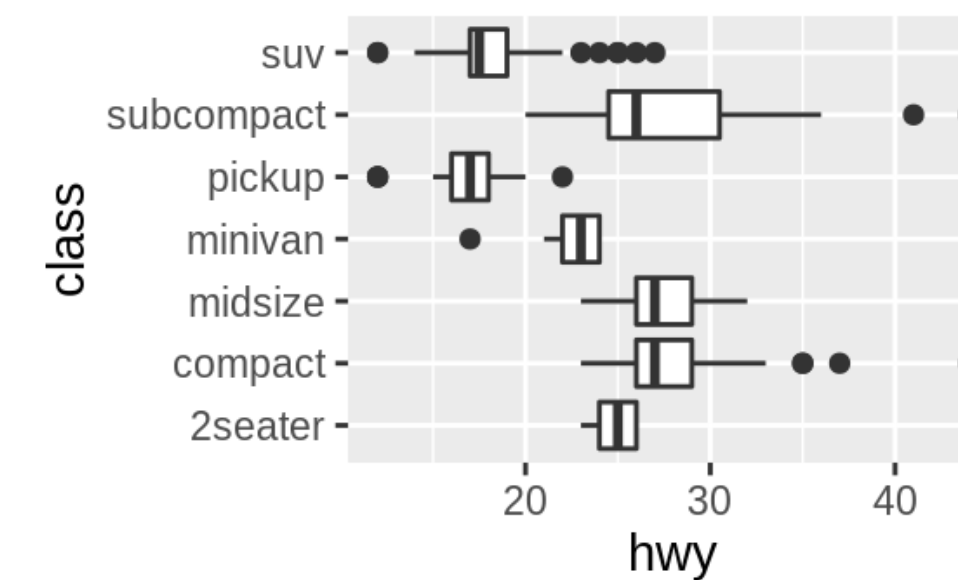
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Smoothers fit a model to your data and
then plot predictions from the model



Boxplots compute a robust summary of the
distribution and then display a specially formatted box



You can apply position adjustments to plots

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

Mapping `clarity` to the “fill” aesthetic causes the plot to break out the rows by this variable and then **stack** the bars. Stacking is a **position adjustment**.

