Inference 2: Fitting models to data (cont)

Last updated: October 12, 2017

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- ► Mean zero
- Constant variance
- ► Normal residual

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The assumptions are?

- ► Mean zero residual vs fitted plot
- Constant variance
- Normal residual

Correct model = all assumptions are satisfied. The assumptions are?

- ► Mean zero residual vs fitted plot
- Constant variance scale-variance plot
- Normal residual

Correct model = all assumptions are satisfied. The assumptions are?

- ► Mean zero residual vs fitted plot
- ► Constant variance scale-variance plot
- Normal residual QQ plot

Examples of good and bad fits

To get a feel for good fits and bad fits: see many examples. (see R code) Important: run the code yourself, many times, to train your eyes on many examples.