

Recitation Week 13 Problems

Today we will be working on the techniques in chapter 23 and 24. Using a dataset of your choice (if you don't want to choose I recommend either the housing data or the premier league data):

- 1) Investigate the bivariate distributions (scatter plots) between variables until you find a relationship you think worth investigating.
- 2) Run a basic linear model and interpret it. Is there another variable causing bias? If so, calculate your residuals and re-run the model on the residuals, is the model better?
- 3) Discuss - why does re-running on the residuals give us interesting information?