

Unit 7: Multiple linear regression

2. Model selection & diagnostics for MLR

Sta 101 - Fall 2015

Duke University, Department of Statistical Science

1. Housekeeping

2. Application exercise

- ▶ PS 7: due Dec 4, Fri
- ▶ PA 7: due Dec 6, Sun

- ▶ Pick a main focus and use that to tell a cohesive story throughout the various parts of the assignment.
- ▶ You do not have to have audience score as the response variable for each analysis, only for the MLR part.
- ▶ Do not mix-and-match model selection methods.
- ▶ Your full model does not have to include all potential variables, though you should have (and state) a reason for why you chose to exclude any that you do.
- ▶ You do not need to have a printed poster, and you can come look at examples in my office.
- ▶ Other questions?

1. Housekeeping

2. Application exercise

Application exercise: 7.1 MLR

See the course website for more details