Introduction

You've carefully developed a good regression model for your data, performing preliminary analyses, identifying candidate models, consulting model selection statistics, and then selecting a model. So what's next? You might think that you're finished, but there are additional steps that you really need to take to ensure that you have fit the best model for your data. Now that you've selected a model, you need to check that it complies with the assumptions for linear regression. You also need to evalutate the model fit and look for other issues such as multicollinearity and the presence of influential observations.

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