

# **Regression and Simulation Methods**

## **Week 7: Model Comparison**

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# What has been covered over the last week?

- Iteratively reweighed least squares algorithm
- GLM deviance
- AIC and BIC



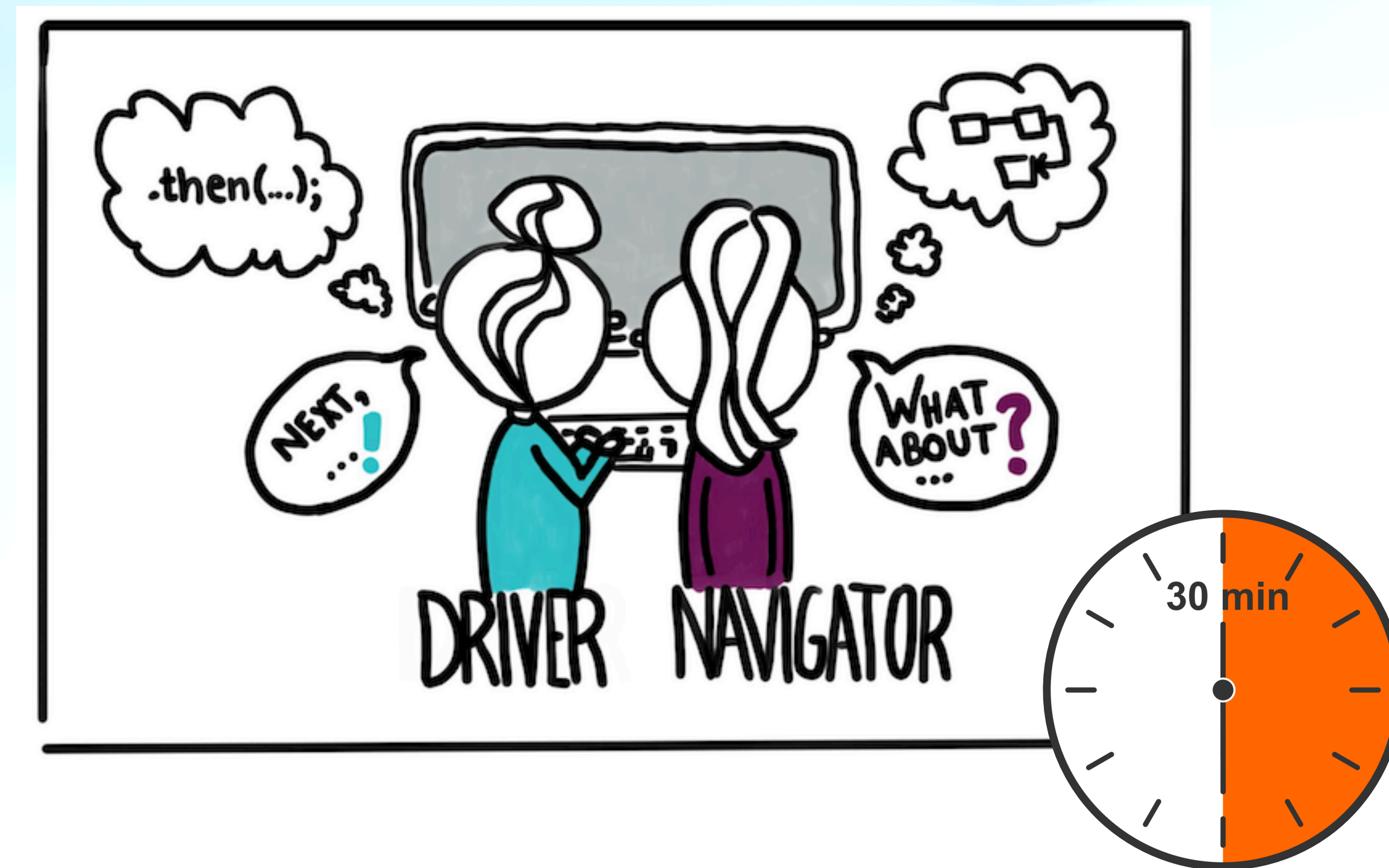
# Notes on Model Comparison

- If you have one model, you cannot tell how good it is for prediction of other data sets.
- If you have two models, you can only say whether one is better than the other \*at fitting the data\*.
- If you have an infinite number of models, you cannot say that one is better than all the others. You can however conclude which is the worst.



# Rest of the tutorial...

- In pairs work on the seventh notebook. Paired programming will continue!





# **Rest of the week...**

**Once you have finished the R-Script go ahead and answer 7-1 through 7-5 from the SMSTC resources.**