

Formulating Research Questions

Due on Wednesday, March 13 at 8:30am

For homework, make any further adjustments to the two research questions you selected in Monday's lesson that seem appropriate after hearing your partner's interpretation of your research. You can adopt their language if you feel they have done a particularly good job of wording your questions so it can be understood by those outside your field of study.

For your statistical question, list the following pieces of relevant information:

- Your hypothesis
- Response variable
- Predictor variable(s)
- If you know it, list the type/distribution/family that your response variable will be drawn from. This might become easier after Andres' lecture this afternoon.

For your mechanistic question, list the following pieces of relevant information:

- Your hypothesis
- Populations involved in your study
- States (or sub-populations) that each population might take
- Processes that describe how individuals move from one state to another within a population

Bring your edited (1) statistical modeling research question and (2) mechanistic modeling research question to Wednesday's small group session, 'Refining research questions for modeling', at 8:30am