

Formulating Research Questions

Due on Tuesday, March 11 at 5:00pm

For homework, think of (1) statistical and (2) mechanistic research question related to your research topic.

Please keep the following in mind as you design your questions

For your statistical question, you will need to 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, you will need to 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

For tomorrow's session, you only need to THINK of two questions. You do not need to list any of the above yet!