

## In Class R Activities

**Roles:** In your groups, split up into groups of two:

- Facilitator and Recorder/Reporter
- Team Captain and Resource Manager

You will rotate the following roles within your group of two every 2-3 minutes:

Listener	Problem Solver
<ul style="list-style-type: none"><li>• The person who will type into R</li><li>• The Listener will not type unless prompted by the Problem Solver</li><li>• Asks Problem Solver clarifying questions</li><li>• Asks professor questions for group</li></ul>	<ul style="list-style-type: none"><li>• Reads out instructions or prompts</li><li>• Directs the Listener what to type in R</li><li>• Instructs Problem Solver what notes and comments to make in the document to help group understand code later</li><li>• Keeps group on task</li></ul>

### Norms

1. Think and work together. Do not divide the work.
2. You are smarter together.
3. No cross-talk with other groups

**Supplies:** Computer          R Studio          R Project (Canvas)

**Task:** Working with your group, complete the R Markdown document task provided. In your roles, Listener and Problem Solver, use the prompts below to help guide the completion of your R activity.

Problem Solver		Listener
I am looking for...	I am confused by...	What are you focusing on?
I notice...	What might be true is..	What are you thinking now?
What's important is...	I predict...	Could you tell me more?
This reminds me of...	I could try...	What are you doing (or writing) now?
I am thinking about...	An equation/line of code I could write is...	Please elaborate. I can't follow that. Run that by me again.

**Group Product:** At the end of the task, your group will have one completed R Markdown activity and knitted document with your groups' worked-out solutions and justifications. You ALL must take turns writing the final product and ALL be able to explain everything that is in your final product.