**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** |
| * The person who will type into R * The Listener will not type unless prompted by the Problem Solver * Asks Problem Solver clarifying questions * Asks professor questions for group | * Reads out instructions or prompts * Directs the Listener what to type in R * Instructs Problem Solver what notes and comments to make in the document to help group understand code later * Keeps group on task |

**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 (iLearn)

**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.