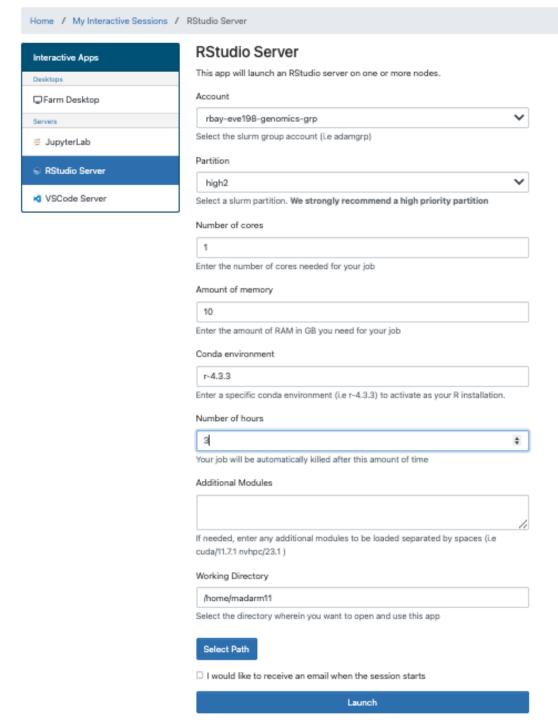
Intro to R!



Week 5

Maddie Armstrong & Rachael Bay





What is R? Rstudio?



Base R

- Programming language
- Command-line interface where code is run

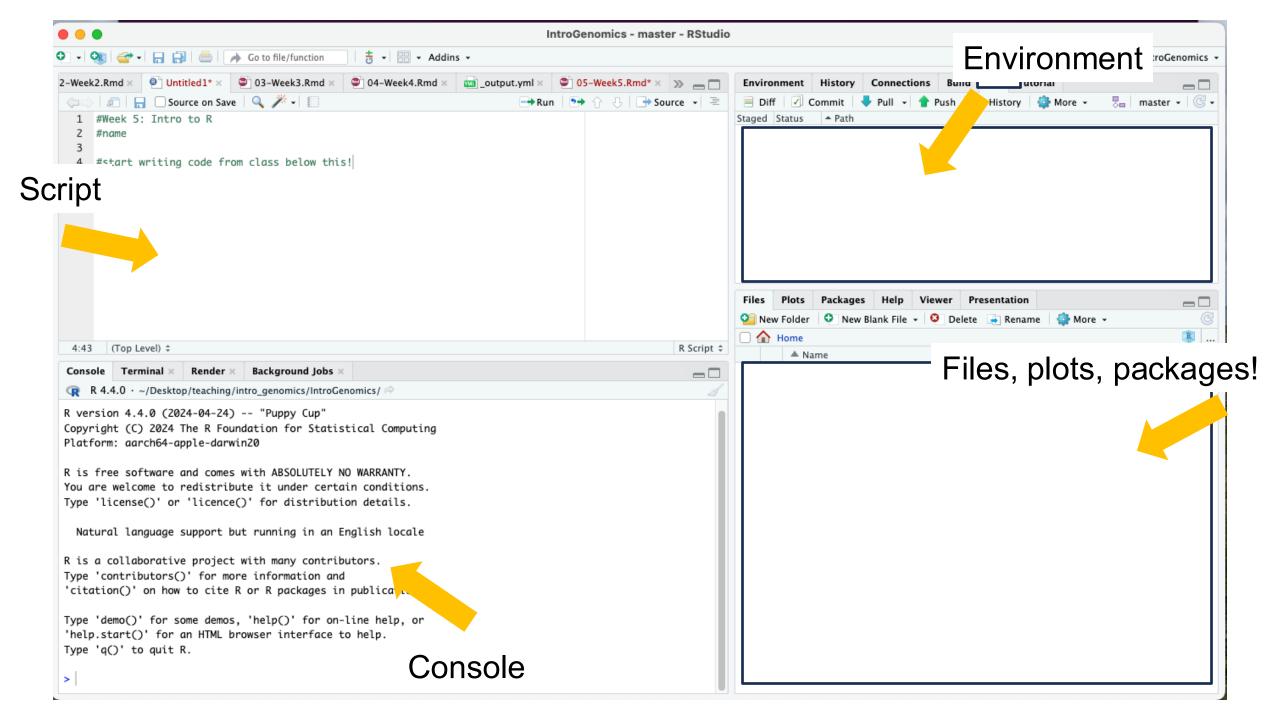
R studio

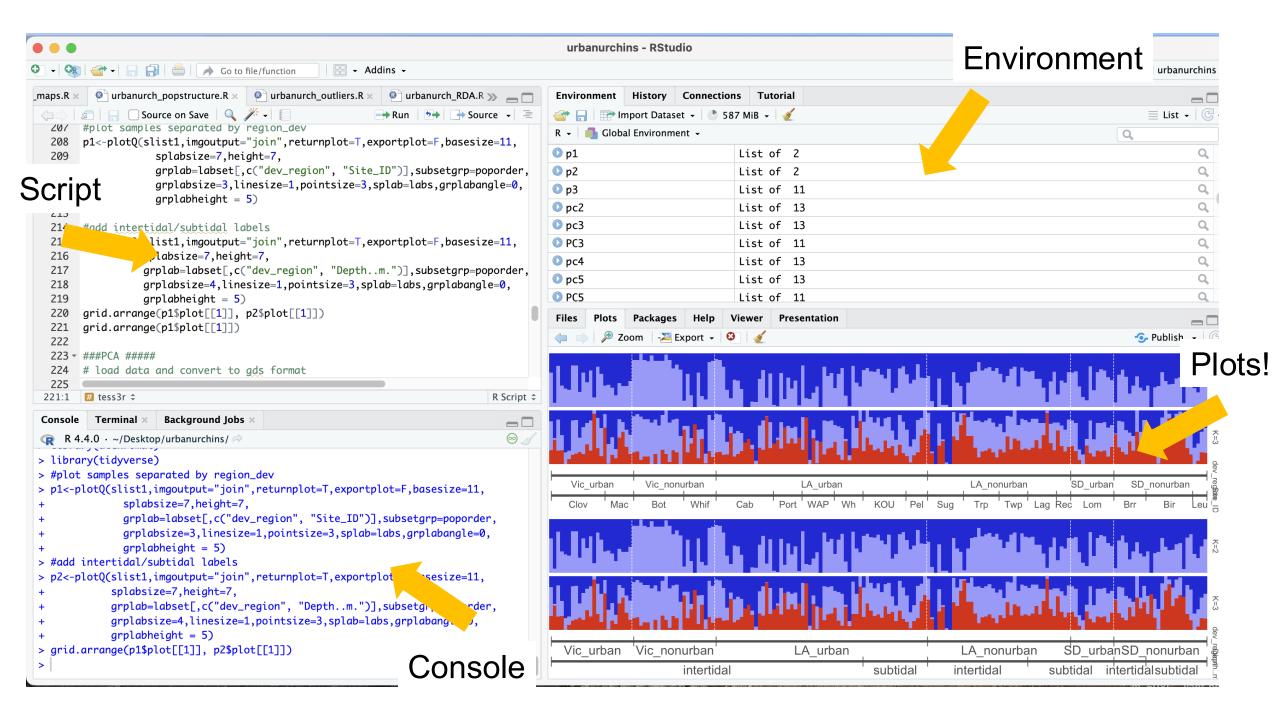


- User interface/Integrative development environment using the R programming language
- Visualization tools for analysis and figure making

Outside of this class you can get R studio for your desktop here:

https://posit.co/download/rstudio-desktop/





Important Terms

Object: a "thing" saved to your R environment, this can include

- Data
- Plot
- o etc!

Function: something you can "do" to the data

Packages: tools built into R or downloaded that you can use to complete different analyses/make figures!

Data Types/Structures:

Data Types:

- Character (names)
- 2. Numeric (numbers)
- 3. Logical (T/F)
- 4. Integer (2L for example)
- 5. Complex (imaginary #s)
- 6. Raw (not really used)

Data Structures:

- 1. Vector
- 2. List
- 3. Matrices
- 4. Factor
- 5. Data frame

Let's get to coding!

