**SJMC Computational Workshop Week 3: Intro to R**

Greetings SJMC and friends!

Next **Friday, February 10**, is our second Hello World session of the Spring 2023 Computational Workshop series! Find us in **Vilas Room 5157 at 1:30pm**.

In this workshop, we will introduce you to **R – perhaps the most popular coding language among social scientists!** Later in our Something Publishable series, we will teach you how to scrape data collected from news databases (Week 4), conduct structural topic modelling (Week 6), analyze social networks (Week 9), use machine learning approaches to mine texts (Week 12), images, and videos (Week 13), all with R! If you are going to delve into any of these topics, or simply interested in knowing what people are talking about when they talk about the mysterious “R”, come and join our first workshop!

We invite all prospective attendees to download R and RStudio following the download and installation instructions attached below (R\_installation.pdf).

During the workshop, we will (1) discuss the RStudio coding interface, (2) introduce R objects, (3) talk about R libraries, and (4) delve deeper into R data frames – the R object we encounter most often as social scientists! **I will make sure that you can follow along with the news database scraping and structural topic modelling sessions after attending this workshop!**

For our in-workshop exercise, we’ll make a clean version (cannabis\_cleaned.csv) of the cannabis data (cannabis.csv). Feel free to try the task beforehand or directly come to our workshop to find out!

Looking forward to seeing everyone!

Sincerely,

Abby & Wil

Abby QIN Youran & Wil M. Dubree

University of Wisconsin - Madison

School of Journalism and Mass Communication

[abbyqin.com](https://sites.google.com/view/abbyqin/home) | [linkedin.com/wil-dubree](http://linkedin.com/wil-dubree)