

# Intro to Github

## **Github and Rstudio**

This is a memo for how to use Github with R/Rstudio.

1. Download Git and create an account at Github.
2. Create a new repository on Github.
3. From clone or download click, to get SSH or URL of the new repository, copy the link.
4. Go to Rstudio and create a R project (with extension Rproj), click vision control, paste the repo link and choose the working directory.
5. Connection between Rproject and Github is done.

## **Push and Pull**

1. Create a rmd file and save it at this Rproj.
2. After editing the rmd file, click commit.
3. In commit window, choose the files you want to update to Github, and write the commit message as a description, click commit and Push.
4. At the first time of push, you might be asked to put Github username and password once.
5. Now your file is updated on Github, refresh the Github page, you can see the new file.
6. You also edit the rmd file on Github and click commit change to submit.
7. On Rstudio side, you click PULL.