Latent Growth Curve Workshop Setup

Lifespan Cognitive Dynamics Lab - [tutorial code](#)

0. (optional) Download a markdown editor

- This allows you to edit our text in `.md` files & take notes. There are many, [marktext](#) is a lightweight cross-platform option.

1. Make sure you have the latest R downloaded

- Type `R.version$version.string` in R it should be **4.4.2** (aka 'Pile of Leaves' with `R.version$nickname`)
- See the 'protip' at the bottom of this document if you want to keep the same packages you downloaded previously.
- If not download the latest version for [Windows](#) or [Mac](#)

2. Make sure you have the latest Rstudio downloaded

- You can check this by clicking on the menu `About Rstudio` in the Rstudio or Help interface dropdown.
- If not download the latest version of [Rstudio](#)

3. Make sure you have these packages installed

- You can do this by running the following code

```
if (!require(pacman)) {install.packages("pacman")}
pacman::p_load(lavaan, tidyverse, here, reshape2)
```

Protip: Save your current packages to make updating easier!

```
# do this before you update
mypks <- pacman::p_lib() # a list of packages
saveRDS(mypks, "~/mypks.rds") # saving them

# now update R & run the following after
mypks <- readRDS("~/mypks.rds") # load the list of packages
install.packages(mypks) #re-downlaod them
```