Installing R and RStudio

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Purpose

- These slides guide you through the process of installing R and RStudio onto a desktop.
- R, RStudio and R Packages are three distinct things:
 - R is a **programming language** built for statistics.
 - RStudio is a development environment in which R runs. It makes R easier to use.
 - Packages are collections of specialist tools which make R more suited for certain tasks.
- Instructions are given for Windows computers, but should be the same for Mac and Linux; simply click on the appropriate option when they are presented.

How to Install R

- 1. Go to cloud.r-project.org.
- 2. Select Download R for Windows.
- 3. Select base.
- 4. Click **Download R #version# for Windows**.
- 5. Run the .exe to install R.

How to Install RStudio

- 1. Go to rstudio.com.
- 2. Navigate to **products** > **RStudio**.
- 3. Scroll down and select **Download Rstudio Desktop**.
- Select RStudio Desktop Open Source License (Free option).
- 5. Select RStudio #version# Windows.
- 6. Run the .exe to install RStudio.

How to Install Packages

- 1. Launch RStudio.
- 2. In the console (the place you can type on the left-hand side of the screen, where the line starts with a ">") type the following commands, pressing enter between them:

```
install.packages("openair")
install.packages("tidyverse")
```