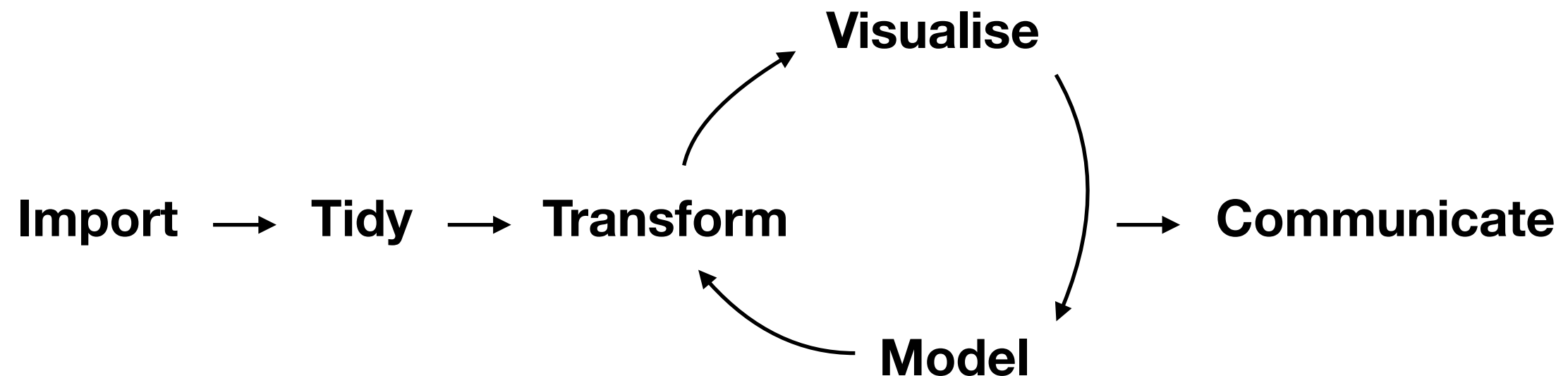# Analysis Workflow in the Tidyverse (Garrett Grolemund and Hadley Wickham) - from Data to Write-up

Workflow

Data plots using `ggplot()` **and** `pirateplot()`

Tidying and transforming using `dplyr` **and** `tidyr`

Visualise

html, pdf and doc reports using `RMarkdown`

Import → **Tidy** → **Transform** → **Communicate**

Model

ANO(C)VA using `afex()` **and** `aov()`
Linear regression using `lm()` **and** `step()`
(Generalised) linear mixed models using `lmer()` **and** `glmer()`