

# Recap - Linear modelling in R

Imagine we have data corresponding to males and females and their height.

```
> genderheightdata
# A tibble: 8 x 3
subject gender height
<chr>    <fct>    <chr>
1 1      male    170
2 2      male    180
3 3      male    175
4 4      male    185
5 5      female  160
6 6      female  170
7 7      female  165
8 8      female  165
```

We might be interested in whether height is predicted by gender.

So, we want to know whether Height is predicted by Gender.

Height ~ Gender

So, we fit a linear model like this:

```
ourmodel <- lm(height ~ gender, data = genderheightdata)
```

The model is stored in the variable `ourmodel`