

- the vector you're replicating doesn't have to just be numbers:

- We can start using what we know so far to simulate a data set. Let's simulate data from an independent samples experiment with one factor with two levels.
- Each of the 24 participants will have a measure - participants 1-12 are in the 'fast' condition and 13-24 in the 'slow' condition.
- First let's create a vector for our participant ID number. It will range from 1 to 24

```
> participant <- seq(1:24)
```

```
> participant
```

```
 [1]  1  2  3  4  5  6  7  8  9 10 11 12 13 14  
15 16 17 18 19 20 21 22 23 24
```