

# AE 6: The Office

## Cross validation

Add your name here

### Packages

```
library(tidyverse)
library(tidymodels)
library(knitr)
```

### Load data

```
office_episodes <- read_csv("data/office_episodes.csv")
```

### Split data into training and testing

Split your data into testing and training sets.

```
# add code here
```

### Specify model

Specify a linear regression model. Call it `office_spec`.

```
# add code here
```

## Create recipe

Create the recipe from class. Call it `office_rec1`.

```
# add code here
```

## Create workflow

Create the workflow that brings together the model specification and recipe. Call it `office_wflow1`.

```
# add code here
```

## Cross validation

Conduct 10-fold cross validation.

```
# add code here
```

## Summarize CV metrics

Summarize metrics from your CV resamples.

```
# add code here
```

## Another model - Model 2

Create a different (simpler, involving fewer variables) recipe and call it `office_rec2`. Conduct 10-fold cross validation and summarize metrics. Describe how the two models compare to each other based on cross validation metrics.