# ETC1010

# Sway

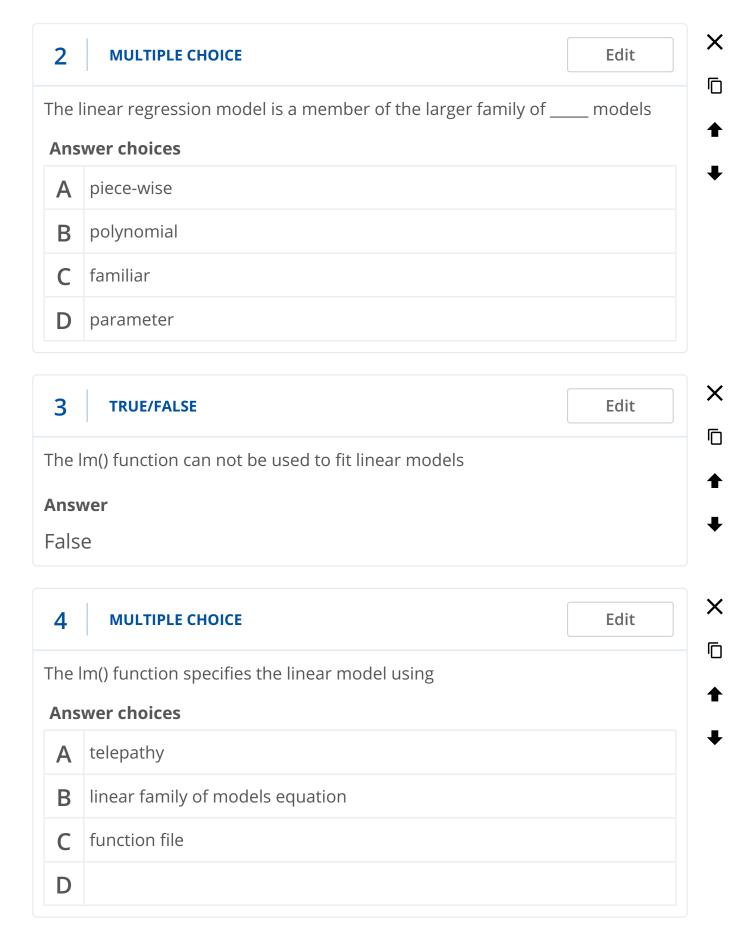| Lobby | Rooms | Quizzes | Reports |

## Edit Quiz

Save and Exit

### Quiz name

Reading week 8 (DUE: Wed Sep 20, 9am)

| 1 | MULTIPLE CHOICE | Edit |

The optim() function in R allows takes in function files describing the _____ you are using to define the "best" model

**Answer choices**

| A | objective function or distance |
| B | family of models |
| C | |
| D | |

## 2 | MULTIPLE CHOICE

Edit

The linear regression model is a member of the larger family of _____ models

**Answer choices**

| A | piece-wise |
|---|---|
| B | polynomial |
| C | familiar |
| D | parameter |

## 3 | TRUE/FALSE

Edit

The lm() function can not be used to fit linear models

**Answer**

False

## 4 | MULTIPLE CHOICE

Edit

The lm() function specifies the linear model using

**Answer choices**

| A | telepathy |
|---|---|
| B | linear family of models equation |
| C | function file |
| D |  |

## 5 | TRUE/FALSE

Edit

In the case of linear models, the lm() function guarantees the existence of a global minimum

**Answer**

True

+ Multiple Choice     + True/False     + Short Answer