



## Microsoft: DAT209x Programming in R for Data Science



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Bookmark

## Question 1

(1/1 point)

Using the `father.son` dataset from the `UsingR` package, fit a linear model for the sons's height (sheight) as a function of the father's height (fheight).

What is the value of the alpha coefficient?


☒ 33.8866 ✓☐ 34.1075☐ 0.5141☐ 0.4889

*You have used 2 of 2 submissions*


- ▶ 8. Working with Data
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#### Lecture

#### Knowledge Checks

Quiz due Jun 27, 2016 at 23:30 UTC 

#### Lab

Lab due Jun 27, 2016 at 23:30 UTC 

- ▶ 12. Graphics in R
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## Question 2


(1/1 point)

Using the `father.son` dataset from the `UsingR` package, fit a linear model for the sons's height (sheight) as a function of the father's height (fheight).

What is the value of the beta coefficient?

☐ 33.8866

☐ 34.1075

☒ 0.5141 

☐ 0.4889

*You have used 1 of 2 submissions*

## Question 3

(1/1 point)

Consider the model formula:

$$y \sim x + z + w + x:z + x:w + z:w$$

Which four options below give the same formula?

☒  $y \sim x + z^*w + x:z + x:w$  ✓

☐  $y \sim x^*z^*w$

☒  $y \sim x + z^*w + x:z + x:w$  ✓

☒  $y \sim x + z + w + z^*w + x^*z + x^*w$  ✓

☒  $y \sim z^*w + x^*z + x:w$  ✓



EXPLANATION

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