

Exploring the bias-variance tradeoff

4 试题

1
point

1.

Is the sign (positive or negative) for power_15 the same in all four models?

- ☐ Yes, it is the same in all four models
- ☒ No, it is not the same in all four models

1
point

2.

The plotted fitted lines all look the same in all four plots

- ☐ True
- ☒ False

1
point

3.

Which degree (1, 2, ..., 15) had the lowest RSS on Validation data?

6

1
point

4.

What is the RSS on TEST data for the model with the degree selected from Validation data? (Make sure you got the correct degree from the previous question)

- ☒ Between $1.2e+14$ and $1.3e+14$
- ☐ Between $1.7e+14$ and $1.8e+14$
- ☐ Between $3.4e+13$ and $3.5e+13$
- ☐ Between $5.6e+15$ and $5.7e+17$



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