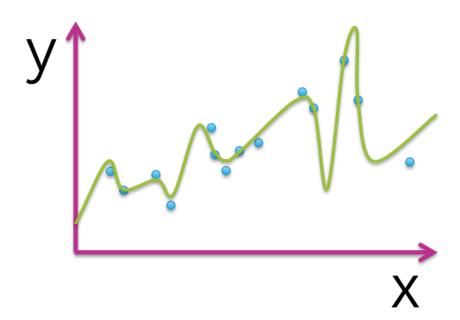
Regression

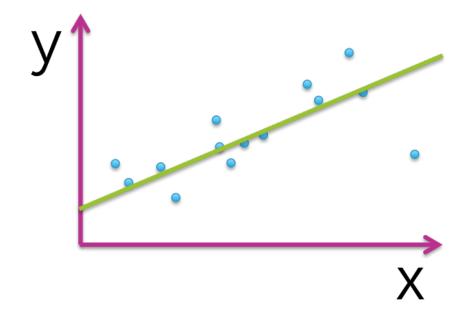
9 questions

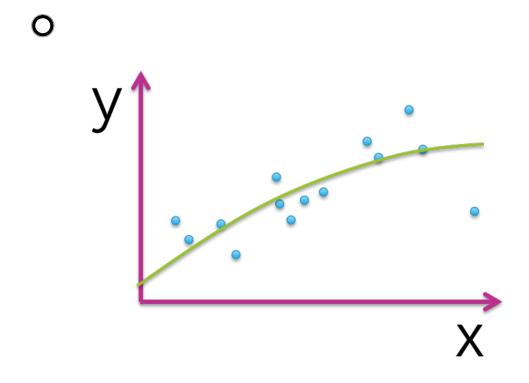
Which figure represents an overfitted model?





0





True or false: The model that best minimizes training error is the one that will perform best for the task of prediction on new data.

0	True
0	False

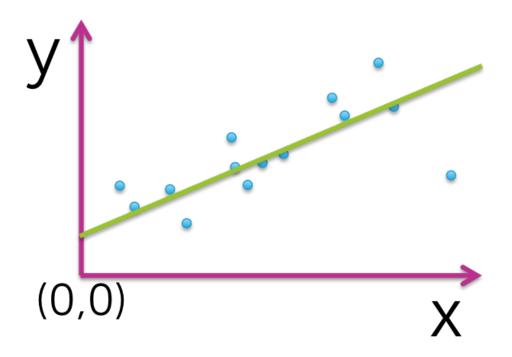
3.

The following table illustrates the results of evaluating 4 models with different parameter choices on some data set. Which of the following models fits this data the best?

Model index	Parameters (intercept, slope)	Residual sum of squares (RSS)
1	(0,1.4)	20.51
2	(3.1,1.4)	15.23
3	(2.7, 1.9)	13.67
4	(0, 2.3)	18.99

0	Model 1
0	Model 2
0	Model 3
\circ	Model 4

4.

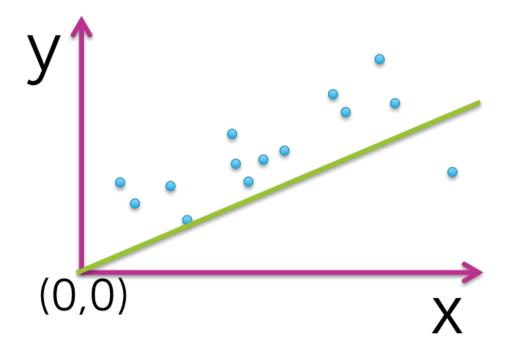


」 w0

m w2

none of the above

5.

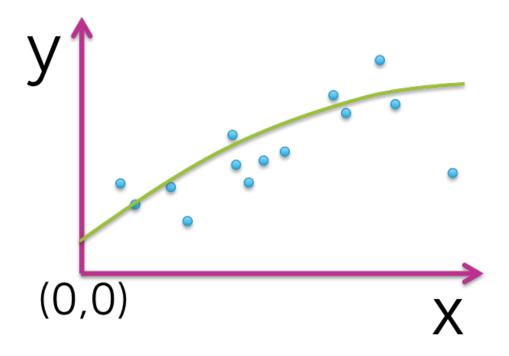


____ w0

 \square w

none of the above

6.

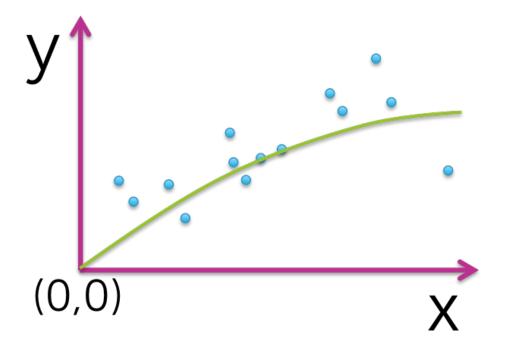


____ w0

 \square w₁

none of the above

7.



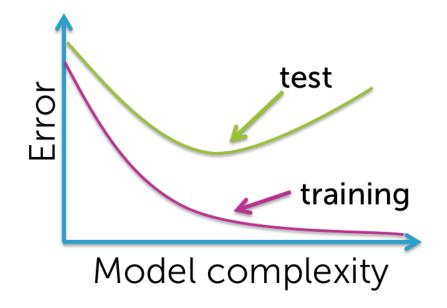
- w0

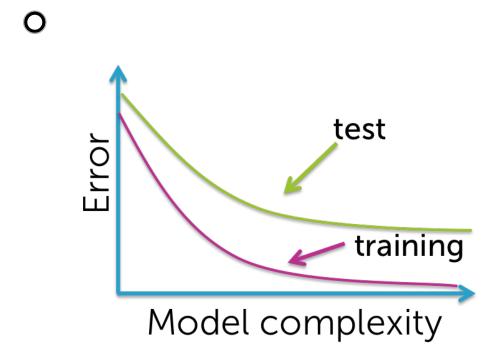
- none of the above

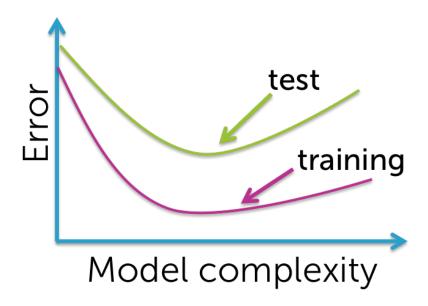
8.

Which of the following plots would you *not* expect to see as a plot of training and test error curves?









9.

True or false: One always prefers to use a model with more features since it better captures the true underlying process.

	_
)	True



Submit Quiz



