# Problem 1

The question requires optimizing subject to

Which means that we are looking to optimize many variables and and so the answer is variables which is D

# Problem 2

The sim returns 0 vs. all as the max so the answer is A

# Problem 3

The sim returns 1 vs. all as the max so the answer is A

# Problem 4

The sim returns a difference in number of SVs of 1793 so the answer is C

# Problem 5

We know intuitively that the highest C will allow for the best fitting which means lowest and the results of the sim confirm while debunked the others. Thus, the answer is D

# Problem 6

The sim confirms the statement of B to be true

# Problem 7

The sim returns that is selected most often so the answer is B

# Problem 8

The sim returned average best so the answer is C

# Problem 9

The sim returned lowest for so the answer is E

# Problem 10

The sim returned lowest for so the answer is C