

hw03

Samuel Swain

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```
## Loading required package: Matrix
```

```
## Loaded glmnet 4.1-6
```

Problem 1

1(a)

1(b)

1(c)

Problem 2

2(a)

2(b)

2(c)

Problem 3

3(a)

3(b)

3(c)

3(d)

Question 4

4(a)

4(b)

4(c)

Problem 5

5(a)

5(b)

5(c)

Problem 6

6(a)

6(b)

6(c)

Problem 7

7(a)

7(b)

7(c)