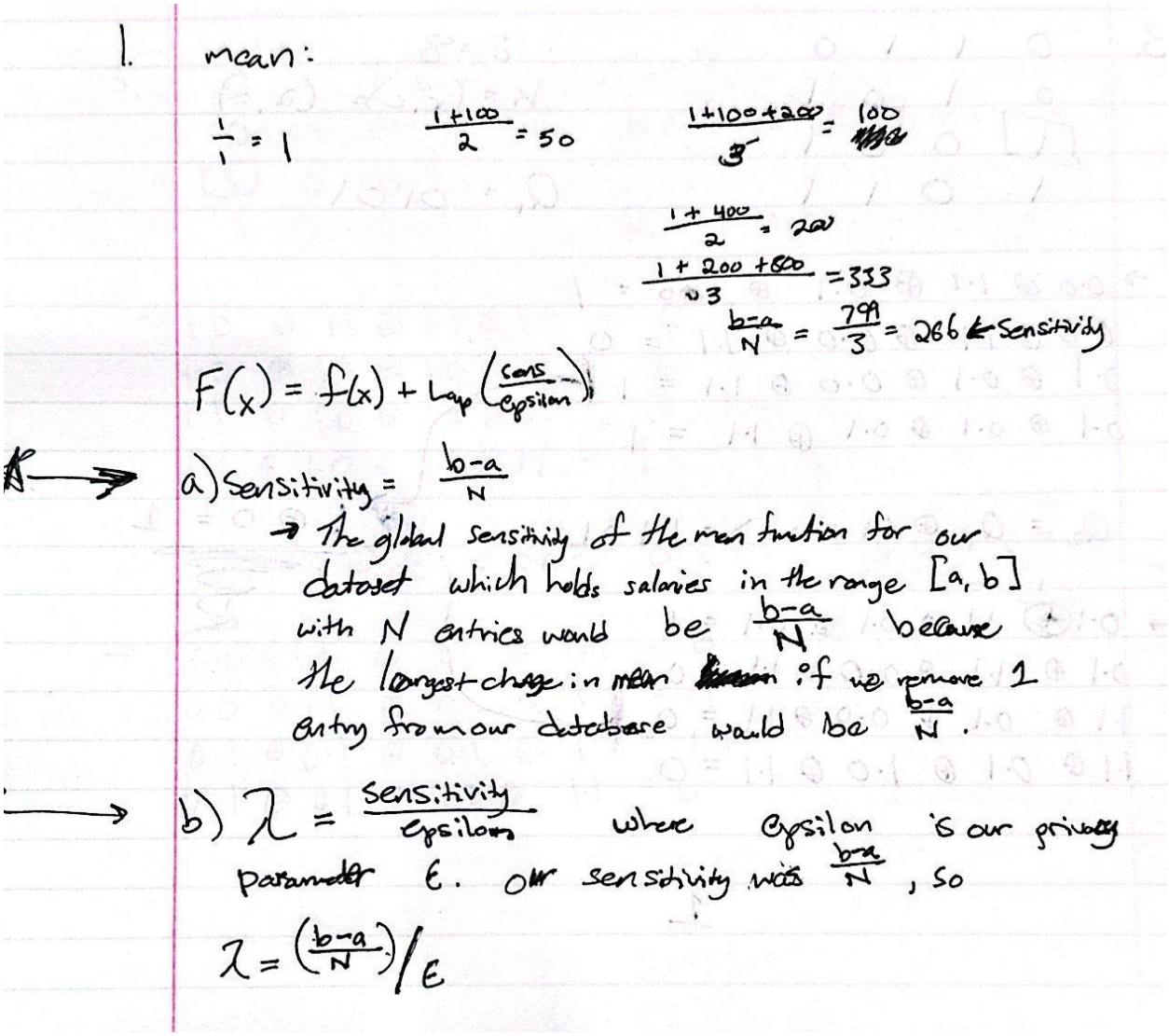
Nolan Dowdle
September 27, 2022
CSC533

CSC533 hw2

1.



2.

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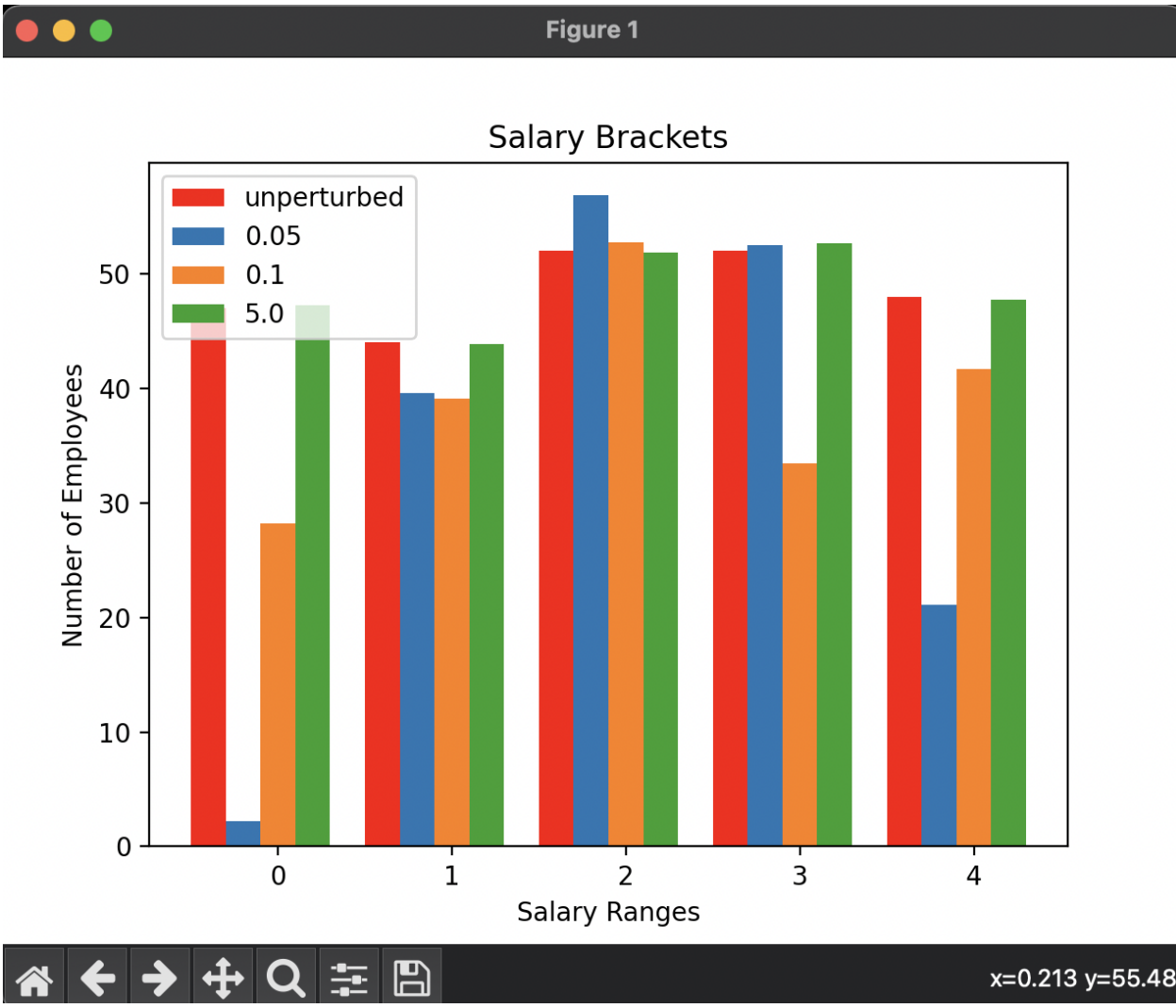
a. 

b. As I increase the epsilon value the resulting histogram becomes more similar to the unperturbed output, providing less privacy. At 5.0 epsilon value the privacy is almost non-existent. However, with an epsilon value of 0.05 there was typically a huge difference in the output compared to the unperturbed output.

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3.