

- (b) (4 points) Between these values of w ($w = 0$ vs. $w = 1$), determine what value is preferred by the squared and logistic loss functions. Report the actual losses for these w values, and argue which loss function is better.

(Note: Optimizing squared loss is equivalent to applying linear regression methodology to solve this classification problem - did it work fine when there are outliers like $x = 20$ in the dataset?)