

SOLUTIONS TO QUIZ 1

Problem 1: (a) The most obvious guess for p is the proportion of heads in the sample which is

$$\frac{800}{1000} = 0.8$$

Problem 2: (a) See Lecture Notes.

Problem 3: (a) See Lecture Notes.

Problem 4: (b) The smaller the error, the better is the quality of the estimator.

Problem 5: (a) See Lecture Notes.