Reading Homework 1

2019-08-31

## 1. Describe the difference between accuracy, precision, and bias.

## 2. How do these terms relate to analysis of wildlife populations and potentially affect management decisions?

## 3. How do you say the term and what is the value if and ?

## 4. What is a Maximum Likelihood estimate?

## 5. Desribe how we can use numerical methods to esimate the maximum likelihood graphically?

## 6. How do we use calculus to maximum a likelihood?

## 7. Suppose you sample 50 plots in a national park looking for a rare species. You find it 6 of the plots (and never miss it if it’s present). What is your esimate of , the proportion of plots that it would occur in across the park?

## 8. Calculate the 95% Confidence Interval for using the formulas on page 36 of your textbook.

## 9. What is one thing you’re struggling with in this chapter and want to talk about more or have it explained in a different way?

## 10. What is one thing that would help you better understand this chapter?