

Name: \_\_\_\_\_

LA Initials:

## BIOL 275 Lab 7 Analyzing Proportions

### Worked Example: Proportion of Female Penguins

1. Write the estimated proportion and CI of male and female penguins.

2. What is the name of the function that pulls a single column out of a data frame/tibble?

3. What is the name of the function that performs the hypothesis test on proportions?

4. Interpret the results of the hypothesis test on penguins, using a significance level of 0.05.

## Student Task: Proportion of Female Bison

5. Write the estimated proportion and CI of male and female bison.

6. Interpret the results of the hypothesis test on bison, using a significance level of 0.05.