Midterm rubric

**Question 1**

3.3 binomial test

3.3 p=.458

3.3 no significant link

**Question 2**

3.3 chi.square test (-1 for fisher’s exact)

3.3 0.01233

3.3 significant impact

**Question 3**

5 fish in the lake are the same size

2.5 t-test

2.5 p= 0.5014 fish in the lake are not significantly different

**Question 4**

3.3 paired t-test

3.3 p=.4662

5 not significant

**Question 5**

3.3 Levene’s test

3.3 0.3636

3.3 no significant difference

**Question 6**

2 anova

2 tukey

2 4 is different from control and 1

2 axes

2 variability

**Question 7**

a

4 bayes theorem

4 account for 73 tests

b

2 logical

**Question 8**

5 1-2 sentences

5 permutation test

**Question 9&10**

reproducibility crisis 3 causes

statistical vs biological

Bayesian vs frequentist

91.7

98

92.7

91.7

84.1

66

92.7

94.7

88.7

90.7

93.7

91.7

93.7