

# Lab 6 - Inference for Categorical Data

*Name*

*Date of lab session*

---

## Lab report

Load data:

```
load(url("https://raw.githubusercontent.com/fanbuduke17/sta101-materials/main/Labs/lab6/atheism.RData"))
```

Load “inference” function:

```
load(url("https://raw.githubusercontent.com/fanbuduke17/sta101-materials/main/Labs/lab6/inference.RData"))
```

## Exercises:

Exercise 1:

Exercise 2:

Exercise 3:

Exercise 4:

Exercise 5:

Exercise 6:

Exercise 7:

Exercise 8:

Exercise 9:

Exercise 10:

Exercise 11:

Exercise 12:

---

## More Practice

13:

14:

15:

**16:**