ANOVA-1way

January 31, 2023

```
df
                         sum_sq
                                     mean_sq
                                                      F
                                                           PR(>F)
                                              3.450724
C(species)
             2.0
                    6610.666667
                                 3305.333333
                                                         0.040341
Residual
            45.0
                  43104.000000
                                  957.866667
                                                    NaN
                                                              NaN
```

print(aov table)

The F-value is 3.450724 and the PR(>F) is 0.040341, which indicates that there is a significant difference in the mean of T. gondii positive results across the three species of cattle, sheep, and goat at (p < 0.05).