

BF calculator for single-factor ANOVA summaries

F-statistic:

2.17

df1:

1

df2:

226

Design:

- ☒ Between-subjects
☐ Repeated-measures

Prior probability of null:

0.5

Designed by [Tom Faulkenberry](#)
based on methods described
[here](#) and [here](#)

For source code, visit my [Github page](#)

Model definitions: \mathcal{H}_0 : all condition means are equal \mathcal{H}_1 : not all condition means are equal**Bayes factors:**

The Bayes factor for the null is 5.08

The Bayes factor for the alternative is 0.20

The observed data is approximately 5.08 times more likely under the null than the alternative

Posterior probabilities:

The posterior probability for the null is 0.8355

The posterior probability for the alternative is 0.1645