

# Table 2 Report

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## Libraries

```
# Load the required package
library(knitr)
```

Warning: package 'knitr' was built under R version 4.3.3

```
library(kableExtra)
```

Warning: package 'kableExtra' was built under R version 4.3.2

```
library(tidyverse)
```

Warning: package 'ggplot2' was built under R version 4.3.2

Warning: package 'tidyr' was built under R version 4.3.2

```
-- Attaching core tidyverse packages ----- tidyverse 2.0.0 --
v dplyr      1.1.4      v readr      2.1.5
v forcats    1.0.0      v stringr    1.5.1
v ggplot2    3.5.1      v tibble     3.2.1
v lubridate  1.9.3      v tidyr      1.3.1
v purrr      1.0.2
```

```
-- Conflicts ----- tidyverse_conflicts() --
```

```
x dplyr::filter()      masks stats::filter()
x dplyr::group_rows()  masks kableExtra::group_rows()
x dplyr::lag()          masks stats::lag()
```

i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become

Table 1: AAFBF using Bayesian and Frequentist approaches.

BF	Bayesian_Estimation	Frequentist_Estimation
BF_alpha (PMP)	1.99 (0.665)	1.99 (0.665)
BF_beta (PMP)	2.00 (0.667)	2.00 (0.667)
BF_med (PMP)	3.98 (0.799)	3.97(NA)

## Table

The table above should be replicated. This table is used in one of my assignments (not uploaded here) for a course in Bayesian Statistics. The column ‘Bayesian Estimation’ holds the Bayes Factors that are estimated with our own function. The ‘Frequentist Estimation’ column holds the results of the Bayes Factors estimated with the **bain** package. Please note: this file automatically labels the table as table 1, but it is table 2 in the assignment.