

1.9 Exercises

1.9.4. Using a t_3 distribution, approximate the relative efficiency of the sample median to the sample mean. Which estimator is more efficient for t_3 data?

1.9.5. Create a data frame `D` where the first column is named `x` and contains a vector of observed numeric values. Verify that the following commands all produce the same result.

1. `summary(D[1:nrow(D)], 'x')`
2. `summary(D[, 'x'])`
3. `summary(D[!is.na(D$x), 1])`
4. `summary(D[rep(TRUE, nrow(D)), 1])`