Ramos : Ramos' 1D local fdr Method

Ramos' method considers data in a slightly special case.
The distribution of two nulls occupies most of the distribution of the whole, and in this case, sensitive results are obtained according to the zero-assumption region.
Ramos' method presents a method for this.

Available data types

- t statistics
- z statistics
- raw data

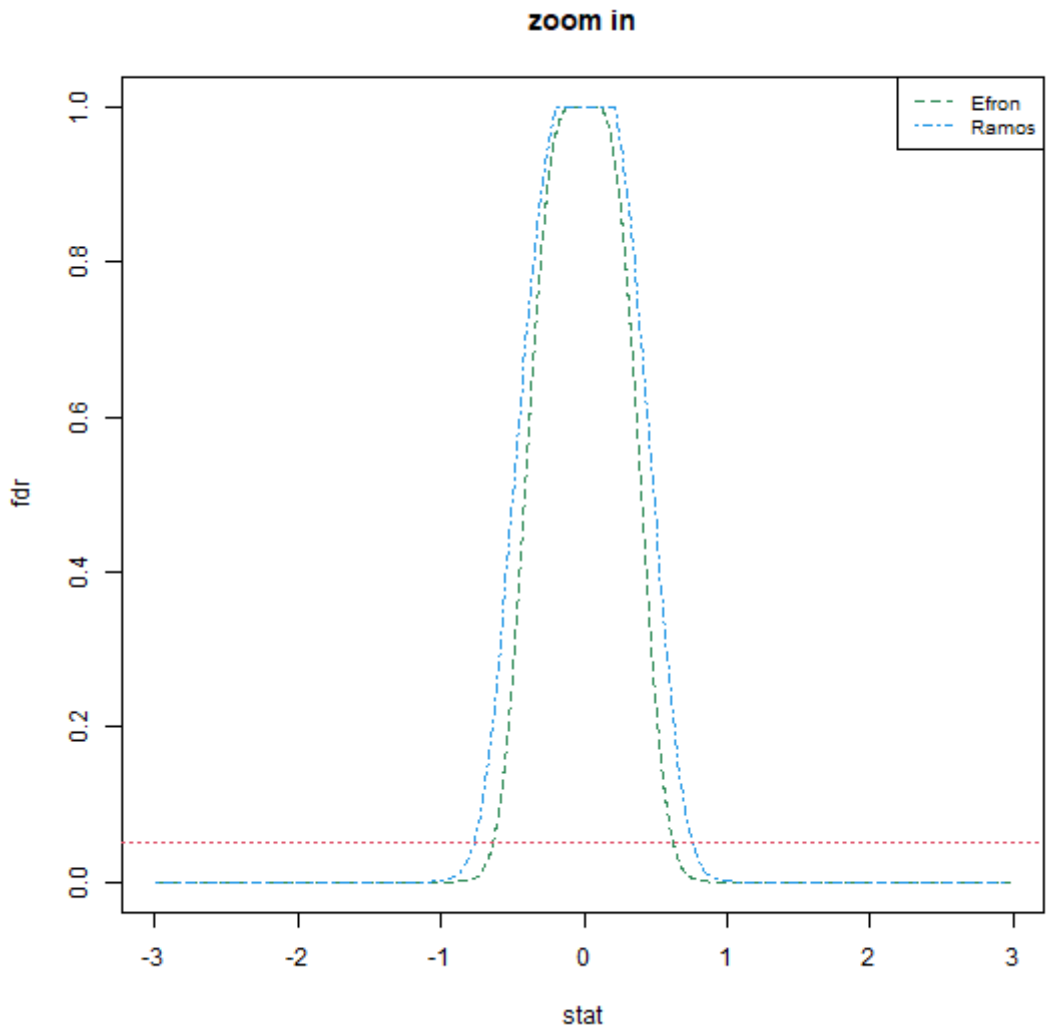
Parameters to use

- group indices
- Inference type of f
- Poisson DF
- Bins of histogram
- Use truncated data(this is optional)
- Afac
    - jump degree of a
- Initial C (smaller than Last C)
- Last C

Brief description

We used Ramos' Algorithm2 (Flex a).
And since it is difficult to express this, **I strongly recommend that you refer to Ramos' paper.**

Example



The figure above is the result of performing Efron's method and Ramos' method on the same data.
If you look at the part that meets the red line, you can see the difference.

Precautions for use

Most of the data should be concentrated around the value zero.
And this is strongly influenced by parameters.