Kim : Kim's 2D local fdr Method

Kim's method is for the 2D fdr that Ploner mentioned.
He suggested that we should not only look at both dimensions at the same time, but also look at them differently.
What he suggests is intersection null and union null.

Available data types

- raw data

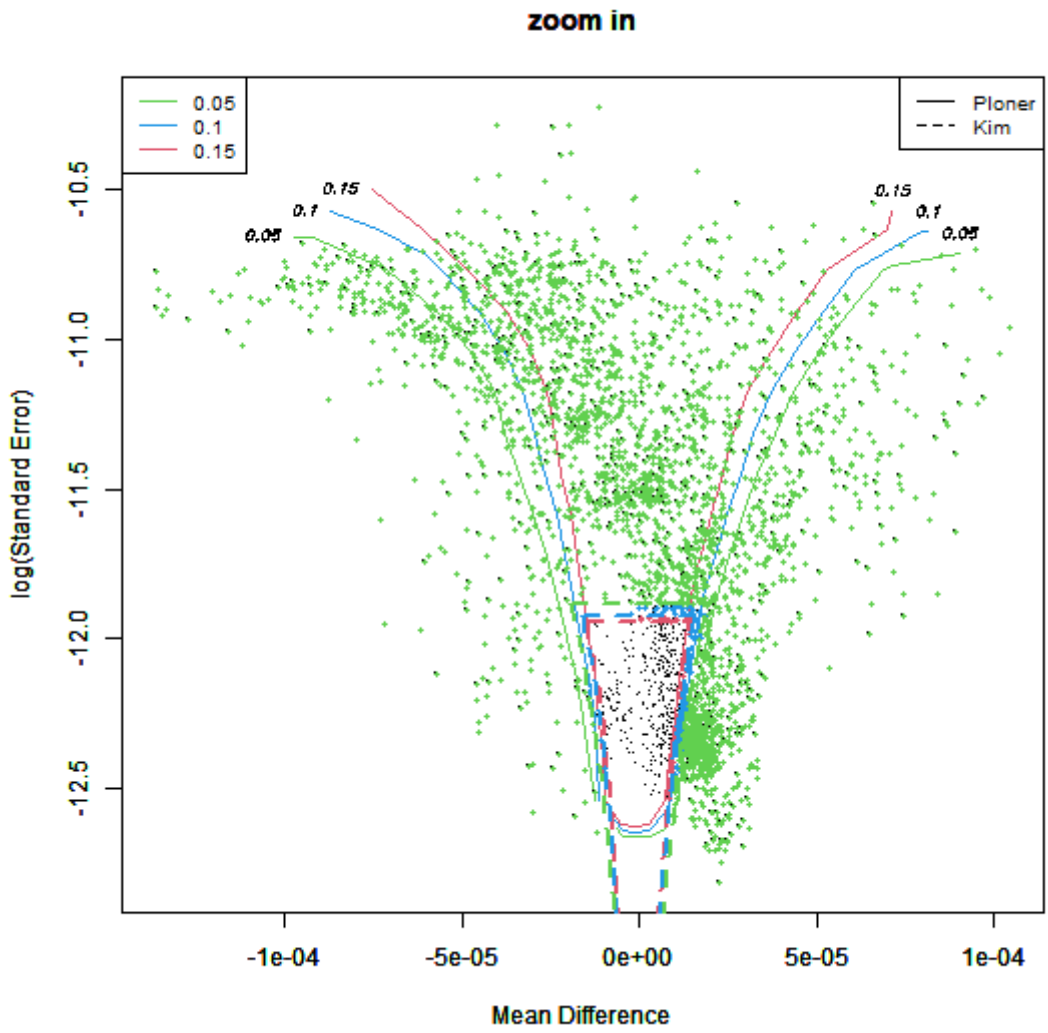
Parameters to use

- group indices
- Use truncated data (this is optional)
- type
    - intersection
    - union
- adjust
    - This parameter roughly indicates how much lower part of the variance should be removed.

Brief description

Since it is difficult to express this, **I strongly recommend that you refer to Kim's paper.**

Example



The figure above is a superimposed drawing of Ploner's method and Kim's method.
It can be seen that the colored dots are rejected and are different according to each q value.

Precautions for use

Some use Efron's method for parameter estimation.
If Efron's method doesn't work for the data, Kim's method may not work either.
It is very likely to be affected by scale.