

# beta.div

## Author: Pierre Legendre

Source: Legendre & De Caceres (2013): Beta diversity as the variance of community data: dissimilarity coefficients and partitioning. *Ecology Letters*, 16: 951–963, [Appendix S4.r](#). Previously available also from [P. Legendre's website](#), now implemented as a part of `adespatial` package (S. Dray, see [help file](#)).

The code presented here comes from P. Legendre's website and is slightly different (updated) compared to the original code published as Appendix S4 of the paper (among other changes, the name of `percentagedifference` method has been changed into `%difference`, and one more dissimilarity metric has been added, namely `ruzicka`). Help file for the function is [here](#).

Direct import of Legendre's code:

### source

```
('https://raw.githubusercontent.com/zdealveindy/anadat-r/master/scripts/beta.div.R')
```

From:

<https://www.davidzeleny.net/anadat-r/> - **Analysis of community ecology data in R**

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