

ERRATUM

Open Access



Erratum to: Automatic detection of discordant outliers via the Ueda's method

Fernando Marmolejo-Ramos^{1*†}, Jorge I. Vélez^{2,3†} and Xavier Romão⁴

* Correspondence:

fernando.marmolejo.ramos@
pshychology.su.se

†Equal contributors

¹Gösta Ekman Laboratory,
Department of Psychology,
Stockholm University, Stockholm,
Sweden

Full list of author information is
available at the end of the article

After publication of the original article (Marmolejo-Ramos et al. 2015) it has been brought to our attention that the code displayed in the Appendix under section '6.1 Implementation of Ueda's method in R' includes a typo, which means it won't run correctly.

The correct code should be displayed as:

```
## load code
if(!require(devtools)) install.packages("devtools")
url <- "http://bit.ly/1dLT9Ez"
devtools::source_url(url)

## example with simulated data
## we introduce five outliers
set.seed(13)
x <- rnorm(25, 300, 10)
out <- rnorm(5, 400, 5)
v <- c(x, out)

# detecting up to 10 outliers and plotting the results
res <- ueda(v, smax = 10)

# data vector after removing outliers
res

# show the outliers
detected <- v[! v %in% res]
detected

# did we detect the actual outliers?
all.equal(out, detected)
```

Author details

¹Gösta Ekman Laboratory, Department of Psychology, Stockholm University, Stockholm, Sweden. ²Arcos-Burgos Group, Department of Genome Sciences, John Curtin School of Medical Research, The Australian National University, Canberra, ACT, Australia. ³Neuroscience Research Group, University of Antioquia, Medellín, Medellín, Colombia. ⁴Department of Civil Engineering, Faculty of Engineering, University of Porto, Porto, Portugal.

Received: 3 November 2015 Accepted: 5 November 2015

Published online: 10 November 2015

Reference

Marmolejo-Ramos, et al. Automatic detection of discordant outliers via the Ueda's method. *Journal of Statistical Distributions and Applications* 2, 8 (2015)