SHORT COURSE
Flexible Mixture Modeling and Model-Based Clustering in R

Prof. Dr. Bettina Grün, Johannes Kepler University, Linz, Austria
December 17th and 18th, 2018

We are pleased to announce that on Monday 17th and Tuesday 18th December, 2018, there will be a workshop on Flexible Mixture Modeling and Model-Based Clustering in R by Bettina Grün from IFAS at JKU Linz.

The workshop will take place at the Department of Statistic, Computer Science, Applications "G. Parenti" of the University of Florence, Viale Morgagni 59, Firenze, room number 32 (second floor).

Since the number of participants is strictly limited, registration should be done as soon as possible by contacting the organizer Carla Rampichini (carla.rampichini@unifi.it).

Tentative Outline of the course
Monday, 17/12/2018

- 9:30 - 11:00 Introduction, Estimation and Inference
- 11:00 - 11:15 Break
- 11:15 - 12:30 Practicals

- 14:00 - 15:30 Mixtures of Normal Distributions, Package mclust
- 15:30 - 15:45 Break
- 15:45 - 17:00 Practicals

Tuesday 18/12/2018

- 09:00 - 10:15 Latent Class Analysis, Package flexmix, Mixtures of Regression Models
- 10:15 - 10:30 Break
- 10:30 - 11:15 Practicals

- 14:30 - 16:00 Extensions and Variants, Extending flexmix
- 16:00 - 16:15 Break
- 16:15 - 17:30 Practicals

The participants should bring their own notebook having the latest flexmix and mclust packages installed there.