

Doctoral Program, Methodological skills

“Data management and analysis”

Lausanne, Switzerland, May 19-20, 2011

■ ■ General information

Dates: May 19-20, 2011

Location: Room 531, 4th floor
University of Lausanne
Bâtiment Vidy
Rte de Chavannes 33
CH-1015 Lausanne

Registration: Registration is mandatory and the number of participants is limited. Confirmation of participation will be made on a first come, first served basis.

Costs: Participants will be reimbursed for transportation costs at the rate of the $1/2$ CFF/SBB fare in 2nd class.

■ ■ Useful internet links to download material

Download R: <http://cran.r-project.org/>
Download R manuals: <http://cran.r-project.org/manuals.html>
Download RStudio: <http://www.rstudio.org/download/desktop>

■ ■ References

- Barnier, J. (2009). **R pour les sociologues (et assimilés)**. Source: http://cran.r-project.org/doc/contrib/Barnier-intro_R.pdf
- Paradis, E. (2010). **R pour les débutants**. Source: http://cran.r-project.org/doc/contrib/Paradis-rdebuts_fr.pdf
- The R Development Core Team. (2010). **R Data Import/Export**. Source: <http://cran.r-project.org/doc/manuals/R-data.pdf>
- The R Development Core Team. (2010). **R Installation and Administration**. Source: <http://cran.r-project.org/doc/manuals/R-admin.pdf>
- Venables, W. N., Smith, D. M., & The R Development Core Team. (2010). **An Introduction to R**. Source: <http://cran.r-project.org/doc/manuals/R-intro.pdf>

■ ■ Schedule, May 19: Survey methodology

08:45 - 10:00 **Survey methodology I: Insights to IP15**
Dominique Joye and coll.

10:00 - 10:30 Break

10:30 - 11:30 **Survey methodology II**
Dominique Joye and coll.

11:30 - 13:00 **Life Course, Inequality and Family Connections**
Marc Szydlik
Conference given at the Colloque de recherche « Parcours de vie et inégalités »; is not part of the ProgDoc LIVES module but participation is encouraged.

... - 14:00 Break

14:00 - 15:30 **Hands-on: Introduction to R I**
A. Gabadinho, N.S. Müller and M. Studer

15:30 - 16:00 Break

16:00 - 17:30 **Hands-on: Introduction to R II**
A. Gabadinho, N.S. Müller and M. Studer

■ ■ Schedule, May 20: Methods for Longitudinal Data

09:00 - 10:15 **Methods for Longitudinal Data: Insights to IP14**
Gilbert Ritschard and coll.

10:15 - 10:45 Break

10:45 - 11:45 **Methods for Longitudinal Data: Categorical response**
Gilbert Ritschard

11:45 - 13:00 Break

13:00 - 14:30 **Methods for Longitudinal Data: Numerical response**
Paolo Ghisletta

14:30 - 15:00 Break

15:00 - 17:00 **Hands-on: Introduction to R III**
A. Gabadinho, N.S. Müller and M. Studer

■ ■ List of speakers

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