INITIATION TO R

November 12, 2015 from 9:30 am to 4:30 pm

To promote research in the field of social statistics on surveys to which it gives access, the QICSS offers one day workshop on the R software environment. This workshop will be given in **English** by Marina Doucerain, postdoctoral researcher in psychology at *Université du Québec à Montréal*, and will take place at the QICSS laboratory, 3535 Queen-Mary road, room 420.

Objectives:
This workshop focuses on the R software environment. The first objective is to familiarize the participants with the analysis potential of R, as well as with its characteristics and its structure. The second objective is to help participants develop basic skills in data manipulation and data analysis in R.

What is R?
R is powerful open-source programming language and software environment for statistical computing and graphics. An increasing number of data analysts use it, both in academic and corporate contexts. This growing popularity and usage can be attributed in part to R's flexibility and potential for extension: R can perform a wide array of tasks and the number of specialized packages is increasing exponentially. It means that users can easily create or adapt functions according to their specific needs. R also features state-of-the-art, publication quality, graphic capabilities. In short, R is an attractive free alternative to proprietary softwares such as SAS of SPSS, with which it is more and more in direct competition.

Target audience and pre-requisites
This workshop is designed for anyone wishing to learn about alternatives to statistical analysis softwares such as SPSS or SAS. Given that workshop focuses on the software environment itself and not on statistical analysis skills per se, a basic knowledge of introductory statistical analysis techniques (e.g., multiple linear regression) is recommended

Registration fees for 1 day

Categories	Prices
Student or postdoctoral fellow - registered at a QICSS member institution* and/or user of QICSS data**	75.00 $
Student or postdoctoral fellow - registered at other institutions	100.00 $
University professor and/or researcher - from a QICSS member institution* and/or user of QICSS data**	125.00 $
University professor and/or researcher - from other institutions	165.00 $
Any other category - user of QICSS data*	225.00 $
Any other category - other institutions	295.00 $

Notes:
*QICSS' member institutions: *Université de Sherbrooke, INRS-UCS*, Concordia University, *Université Laval*, McGill University, *Université du Québec, UQAM and Université de Montréal*.
**QICSS users have an active project to access data in one of the six QICSS laboratoriesor have submitted a proposal for microdata access to the SSHRC.

Registration

The registration period runs from **September 29** to **November 11, 2015**. To register, please go to this secure online payment site: https://ecommerce.dexero.com/shopping/ciqss/ciqss/events/Index.view.

A minimum of 12 participants is required to run the workshop (maximum 14).
Registered participants will be contacted if the minimum enrolment is not met.

Thank you and see you at the workshop!

Please forward to your colleagues and/or students

Information

Luc St-Pierre
l.st-pierre@umontreal.ca | http://www.ciqss.umontreal.ca