Pre-REVES meeting workshop on software to compute health expectancy: IMaCh & SPACE

Date: May 28th, 2019	
Time: 9:30am - 5:00pm	
Venue: Poble Nou Campus, UPF, Room: 52.105, first floor Roc de Boronat	
Cost: 50€	

<u>Registration</u> for both the conference and the workshop will open in early March. If you are interested in securing a spot in the analysis workshop, please email Aïda Solé-Auró at reves.bcn2019@upf.edu with the subject "REVES Analysis Workshop". The number of participants is limited to 24 with a minimum number of 10.

<u>Instructors:</u> Nicolas Brouard (INED, France), Chi-Tsun Chiu (Academia Sinica, Taiwan) and Yasuhiko Saito (Nihon University, Japan).

There are few software packages available to compute health expectancy based on a multistate life table method using longitudinal survey data. In the workshop we introduce two such software packages:

IMaCh 0.99 (Maximum Likelihood Computer Program using Interpolation of Markov Chains) developed by Prof. Nicolas Brouard and his colleagues at INED, France. We will distribute necessary files to participants beforehand and install the software at the beginning of the workshop together. But you can download latest version and install it from http://euroreves.ined.fr/imach/. Latest publication concerning IMaCh is https://doi.org/10.1016/bs.host.2018.11.009 and will be provided.

SPACE (Stochastic Population Analysis for Complex Events) developed initially by Dr. Liming Cai, National Center for Health Statistics at the time and colleagues, and now maintained by Dr. Chi-Tsun Chiu at Academia Sinica, Taiwan). SPACE is a collection of SAS programs to compute multistate life tables via microsimulation, with bootstrapped inference. Therefore, we need participants to install SAS in their PC before they come to the workshop. Necessary products to be installed are BASE, STAT and IML. http://sites.utexas.edu/space/

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We will compute health expectancy using these two software packages and the same longitudinal survey data. Then, we will discuss differences in the two.

Participants have to install SAS before they come to the workshop. There are currently two versions of SAS. One is university version and it is free. Those who are working at university may be able to download the version. There is also SAS with license.

Schedule:

Time	Theme
9:30 - 10:30	Introduction to IMaCh
10:30 - 10:40	Short break
10:40 - 12:10	Running IMaCh
12:10 - 1:10	Lunch
1:10 - 2:10	Introduction to SPACE
2:10 - 2:20	Short break
2:20 - 3:50	Running SPACE
3:50 - 4:00	Short break
4:00 - 5:00	Discussion