

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

Date: May 29, 2018

Time: 9:30am - 5:00pm

Venue: Institute for Social Research, University of Michigan, Room 1450

Cost: \$50 USD

Registration 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 Mary Beth Ofstedal at mbo@umich.edu with the subject "REVES Analysis Workshop".

Instructors: 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 **I**nterpolation of **M**arkov **C**hains) 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.

<http://euroreves.ined.fr/imach/>

SPACE (**S**tochastic **P**opulation **A**nalysis for **C**omplex **E**vents) 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/>

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

Schedule:

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