



**Corsican Summer School on Modern Methods in Biostatistics and Epidemiology**  
**Statistical methods and recent advances in statistical methods for excess risk analysis**

July, Monday 1<sup>st</sup> to Friday 5<sup>th</sup> July 2024  
Université de Corse, Corte, France

**Monday 1<sup>st</sup> July**

| Time          | Speaker(s)                | Type of Event – Title                                |
|---------------|---------------------------|--|
| 9.00 - 10.00  |                           | Registration   |
| 10.00 - 10.15 | Roch Giorgi               | Introduction, general information                    |
| 10.15 - 10.45 | Roch Giorgi               | Talk: Goals, epistemological aspects                 |
| 10.45 - 11.00 |                           | Coffee break   |
| 11.00 - 12.30 | Valérie Jooste            | Talk: Indicators-Interpretation                      |
| 12.30 - 14.00 |                           | Lunch  |
| 14.00 - 15.30 | Maja Pohar-Perme          | Talk: Non-parametric estimators of net survival      |
| 15.30 - 16.00 |                           | Coffee break   |
| 16.00 - 17.30 | Participants with faculty | Practical: Non-parametric estimators of net survival |

**Tuesday 2<sup>nd</sup> July**

| Time          | Speaker   | Type of Event – Title   |
|---------------|---|---|
| 8.45 - 10.30  | Emmanuelle Dantony<br>Zoé Uhry                        | Talk: Flexible parametric models for excess hazard and introduction to penalized framework. Part 1      |
| 10.30 - 11.00 |   | Coffee break  |
| 11.00 - 12.30 | Aurélien Belot<br>Laurent Roche<br>Mathieu Fauvernier | Talk: Flexible parametric models for excess hazard and introduction to penalized framework. Part 2      |
| 12.30 - 14.00 |   | Lunch   |
| 14.00 - 15.30 | Participants with faculty                             | Practical: Flexible parametric models for excess hazard and introduction to penalized framework. Part 1 |
| 15.30 - 16.00 |   | Coffee break  |
| 16.00 - 17.30 | Participants with faculty                             | Practical: Flexible parametric models for excess hazard and introduction to penalized framework. Part 2 |



### Wednesday 3<sup>th</sup> July

| Time          | Speaker                              | Type of Event – Title            |
|---------------|--------------------------------------|----------------------------------|
| 8.30 - 10.30  | Edmund-Njeru Njagi<br>Bernard Rachet | Talk: Handling missing data      |
| 10.30 - 11.00 |                                      | Coffee break                     |
| 11.00 - 12.30 | Participants with faculty            | Practical: Handling missing data |
| 12.30 - 14.00 |                                      | Lunch                            |
| Afternoon     |                                      | Free                             |

### Thursday 4<sup>th</sup> July

| Time          | Speaker                           | Type of Event – Title               |
|---------------|-----------------------------------|-------------------------------------|
| 9.00 - 10.30  | Hadrien Charvat<br>Aurélien Belot | Talk: Frailty models                |
| 10.30 - 11.00 |                                   | Coffee break                        |
| 11.00 - 12.30 | Participants with faculty         | Practical: Frailty models           |
| 12.30 - 14.00 |                                   | Lunch                               |
| 14.00 - 15.30 | Roch Giorgi                       | Talk: Multiple events analysis      |
| 15.30 - 16.00 |                                   | Coffee break                        |
| 16.00 - 17.30 | Participants with faculty         | Practical: Multiple events analysis |
| 20.00         |                                   | Course dinner                       |

### Friday 5<sup>th</sup> July

| Time          | Speaker                              | Type of Event – Title   |
|---------------|--------------------------------------|---|
| 9.30 - 11.00  | Nathalie Grafféo<br>Juste Goungounga | Talk: Handling expected rates tables (without, with missing information) and extensions to other fields: clinical research              |
| 11.00 - 11.30 |                                      | Coffee break  |
| 11.30 - 12.30 | Michel Grzebyk<br>Guy Hédelin        | Talk: Handling expected rates tables (without, with missing information) and extensions to other fields: occupational epidemiology      |
| 12.30 - 13.30 |                                      | Lunch   |
| 13.30 - 14.30 | Participants with faculty            | Practical: Handling expected rates tables (without, with missing information) and extensions to other fields: clinical research         |
| 14.30 - 15.15 | Participants with faculty            | Practical: Handling expected rates tables (without, with missing information) and extensions to other fields: occupational epidemiology |
| 15.15 - 15.30 |                                      | Closing of the course   |

