

OUTLINE OF TIMETABLE
CR WORKSHOP 2018

Monday 19 March:

- 17h30-18h15 workshop registration
18h15-20h00 Get together. Presentation of each workshop participants (Biological material, questions, 2 min each)

Tuesday 20 March: THE BASES OF MULTIEVENT MODELS

- 9h15- 9h30 BASE 1: Introduction
9h30 -9h45 BASE 2: Multievent 1: Notions and Vocabulary (*event, state, transition, event prob.*)
9h45-10h15 EXERCISE 1: *European Dipper*
10h15-10h45 *Coffee Break*
10h45-11h30 BASE 3: Multievent 2: Initial state probabilities
11h30-12h15 EXERCISE 2: Titi (Breeder – Non-Breeder)
- 12h15-13h30 *Lunch*
- 13h30-14h BASE 4: Main factors 1
14h-14h30 BASE 5: Main factors 1 in practice (GEMACO)
14h30- 15h BASE 6: Main factors 2
15h00-15h30 *Break*
15h30-16h30 EXERCISE 3: *Canada Goose*
16h30-16h45 BASE 7: Main factors 2 in practice
16h45-17h30 EXERCISE 4: Swift

Wednesday 21 March: STATISTICAL AND NUMERICAL ASPECTS

- 8h45-9h30 STATNUM 1: Goodness of Fit
9h30-10h15 EXERCISE 5: Simulated data + Canada Goose
10h15-10h45 *Break*
10h45-11h15 STATNUM 2: Heterogeneity model
11h15-12h15 EXERCISE 6: Black Headed Gull
- 12h15-13h30 *Lunch*
- 13h30-14h00 STATNUM 3: Specifying model structure (GEPAT)
14h00-15h00 EXERCISE 7: Modeling senescence
15h00-15h30 *Break*
15h30-16h00 STATNUM 4: Numerical aspects
16h00-17h00 EXERCISE 8: Flamingo

Thursday 22 March: A FULLY-WORKED EXAMPLE

- 9h00-9h15 A new feature in CR: Semi-Markov models
9h15-9h30 THEORY: Occupancy models
9h30-10h15 EXERCISE 10: Lynx (Occupancy)
10h15-10h45 *Break*
10h45-11h45 EXERCISE 10: Lynx (Occupancy)
- 11h45-13h00 *Lunch*
- 13h00-14h00 OVERVIEW
14h00-17h00 PREPARE WORK on PERSONAL DATA SETS
20h00 BANQUET downtown

Friday 23 March: WORK ON PERSONAL DATA AND FEEDBACK

- 8h30- 10h15 PREPARE WORK on PERSONAL DATA SETS
10h15-10h45 *Break*
10h45- 11h45 PREPARE WORK on PERSONAL DATA SETS
11h45-13h00 *Lunch*
13h00-13h30 Preparation of the feedback of the personal analysis of data sets
13h30-16h00 Feedback. Evaluation of the lectures/exercises by the attendees