



Statistical methods in forensic genetics

February 11-12 2016

Athens, Greece

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Programme

Day 1: Thursday Feb 11 2016

- 09:15 – 09:30 Welcome. Practicalities (Penelope Miniati, Nina Skitsa).
09:30 – 10:15 [Basic methods and principles](#) (Thore Egeland).
10:15 – 11:45 [Mixtures](#) (45 min, Thore).
[Introduction to LRmix Studio](#). (45 min Oskar Hansson).
11:45 – 13:00 [Exercises](#) 1 and 2. Input files for Exercise 2: [Rape2.zip](#).
Files for [all exercises](#) (7.4 Mb, not needed now).
(Oskar, Nina, Stefanos Limnaios)
13:00 – 14:00 Lunch
14:00 – 15:30 Discussion of exercises. Advanced methods for mixture interpretation.
[Major-minor-example](#) (30 min, Oskar, Thore, Nina, Stefanos).
15:45 – 17:00 Exercises LRmix Studio. Discussion of exercises.
If you are interested in validation and [strvalidator](#), please ask Oskar.
(Oskar, Nina, Stefanos)

Day 2: Friday Feb 12

- 09:00 – 10:15 [Relationship inference with Familias 3](#). (Thore).
10:30 – 11:15 [Exercises](#) 2.1, 2.3 and 2.9 and possibly more from Ch 2.
(Thore, Nina, Stefanos)



- 11:15 – 12:15 Exercise 2.9 discussed. [Mutation, theta correction, silent alleles](#) (Thore)
- 12:15 – 13:00 Exercises 2.1.h, 2.7, 2.11 (Thore, Nina, Stefanos)
- 13:00 – 14:00 Lunch
- 14:00 – 15:00 Advanced topics briefly: Database search, DVI, linked markers,... (Thore)
- 15:00 – 16:00 Exercises. 2.14-2.17, 3.2. Participants can also bring their own cases.
- 16:15 – 17:00 How to report? Discussion. Summary (Nina, Stefanos)