

Relationship Inference with Familias and R: Videos

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The [exercises](#) discussed in the videos linked below are from the [book](#) 'Relationship Inference with Familias and R', by Egeland, Kling and Mostad. Input files for exercises can be downloaded as zip files: [Chapter 2](#) , [Chapter 3](#) and [Chapter 4](#). There are written [solutions for all exercises](#). Note that some videos are not directly related to the exercises. Finally, there are some old videos in Spanish recorded by Manuel García Magariños.

The recording year is indicated. The functionality of the recommended, present versions of Familias and FamLinkX may differ from the version used in older videos.

Videos solutions for selected exercises

Chapter 2 Basics

- [2.1](#) Introduction to LR and Familias 3 (2020).
- [2.2](#) Mutations (2020)
- [2.3](#) Defining pedigrees (2020)
- [2.4](#) Grandparent-grandchild? (2015)
- [2.6](#) Inbreed pedigrees (2015)
- [2.7](#) Mutations models (2020)
- [2.9](#) Complete paternity case with mutation (2020)
- [2.10](#) Sisters or half sisters? (2015)
- [2.11](#) Silent allele (2015)
- [2.13](#) Theta correction (2015)
- [2.14](#) Input and output (2015)
- [2.15](#) Paternity and dropout (2015)
- [2.16](#) Silent allele and dropout (2015)
- [2.17](#) Simulation (2014)

Chapter 3 Searching for Relationships

- [3.1](#) DVI tutorial (2020)
- [3.2](#) Introduction to blind search (2020)
- 3.3 [Part A](#). [Part B](#) Plane crash (2020)
- [3.6](#) Familial searching (2016)

Chapter 4 Dependent Markers

- [4.1](#) Introduction to FamLink (2014)
- [4.2](#) Disputed sibships with linked markers (2015)
- [4.3](#) Immigration case (2015)
- [4.12](#) Father – daughter? Introduction to FamLinkX 3.2.8 (2020)
- [4.13](#) Sisters, maternal half sister, paternal half sisters or unrelated?(2020)
- [4.14](#) Lambda estimates in R (2016)
- [4.16](#) Further discussion of lambda model (2016)

Chapter 5 Relationship Inference with R

- [5.1](#) Introduction to R Familias (2014)

Various topics

- [Introduction to Familias](#) (2020)
- [Simulation](#) (2020)
- [Conditional simulation](#) The exercise is [Exercise E1: Conditional simulation](#)
- [Relationship Inference with Familias and R](#). Video recorded talk for ISHI workshop , Seattle, WA, US, Oct (2017)
- [FamiliasPedigreeCreator](#) – a plotting tool (2017)
- [Exclusion probabilities and conditional simulation](#) (2017)
- [EUROFORGEN NoE Webinar](#) Nov 9, 2016. Recorded version (2016)
- [Plotting pedigrees in R](#) (2016)
- [Exporting to R Familias. Changing prior](#) (2016)

Videos in Spanish recorded by Manuel García Magariños

A selection of [exercises in Spanish](#) with [solutions](#) are available in addition to videos. The exercises are similar to if not identical to previous Chapter 2 exercises.

- [Ejercicio S1](#) (2012)
- [Ejercicio S2](#) (2012)
- [Ejercicio S3](#) (2012)