

## README

**Title: Unravelling seed dispersal through fragmented landscapes: Frugivore species operate unevenly as mobile links**

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## DATASETS

### [seed\\_rain\\_density.csv](#)

Data on seed density measured during the fruiting seasons 2013–2014 and 2014–2015 in seed traps, in the base of electricity pylons and along transects.

This dataset contains information of the distance from the forest edge of each sampling site (0: forest; 1: 0–50 m; 2: 50–100 m; 3: 100–150 m; 4: 150–200 m; 5: > 200 m).

This dataset does not include those seed traps placed beneath fruiting wild olive trees within the forest ( $n = 5$ ) in order to account for actual dispersal events, that is, involving horizontal movement away from the canopies of source trees.

### [seeds\\_sampled.csv](#)

Data on the seeds sampled for barcoding and microsatellite analyses.

Codes for columns of disperser and source-tree identification are: 1: yes; 0: no; NA: not applicable.

This dataset contains information of the distance from the forest edge of each sampling site (0: forest; 1: 0–50 m; 2: 50–100 m; 3: 100–150 m; 4: 150–200 m; 5: > 200 m).

### [barcoding\\_sequences.csv](#)

DNA-barcoding sequences obtained from the surface of the seeds sampled.

A column specifies the length of the resulting sequences.

### [coordinates\\_UTM30S\\_genotyped\\_trees.csv](#)

UTM30S coordinates of the genotyped wild olive trees in forest and matrix.

### **genotypes\_seeds\_trees.csv**

Dataset with the microsatellite genotypes in 11 loci analyzed in dispersed seeds (endocarps), wild olive trees (leaves), and crop olive trees (leaves).

### **fully\_identified\_dispersal\_events.csv**

Dataset of the fully characterised seed dispersal events, belonging to seeds for which we identified both the frugivore species responsible of dispersal and the source tree.

This dataset also includes the dispersal distance (m) and the canopy cover (%) within a 25-m buffer along each dispersal event.