

## Read me for “Data for Richardson, Ross & Smiseth.csv”

This file consists of a comma separated values spreadsheet (.csv), which provides data for the effects of a female’s initial nutritional state on reproductive traits in a burying beetle. Each line represents an experimental female and her brood.

**female** – female I.D.

**treatment** – female nutritional state “control” or “food-deprived”.

**pre\_treatment\_mass** – female mass (g) before food-deprivation.

**pre\_breeding\_mass** – female mass (g) before being provided a carcass for breeding.

**post\_breeding\_mass** – female mass (g) at larval dispersal.

**carcass** – mass of mouse carcass (g).

**time\_first\_egg** – number of hours between the time a female was given a carcass for breeding and the time the first egg was laid.

**laying\_skew** – laying skew index.

**laying\_spread** – number of hours between the first and last egg being laid.

**clutch\_size** – number of egg laid.

**unhatched\_eggs** – number of unhatched eggs.

**avg\_egg\_size** – average size of eggs (mm<sup>3</sup>).

**maintenance\_count** – number of sampling points females spent maintaining the carcass.

**consuming\_count** – number of sampling points females spent consuming carrion.

**feeding\_count** – number of sampling points females spent feeding larvae.

**female\_prox\_count** – number of sampling points females was close to the brood.

**begging** – average amount of begging by larvae.

**broodsize\_observation** – number of larvae at the time of the observation.

**broodmass\_observation** – mass of the brood (g) at the time of the observation.

**age\_observation** – age of the oldest larvae in the brood (h) at the time of the observation.

**broodmass\_dispersal** – mass of the brood (g) at dispersal.

**broodsize\_observation** – number of larvae at dispersal.

**eclosion** – number of adult offspring at eclosion.

**lifespan** – number of days females lived.