Description of the data file (in column order):

- **female identity**
- **Reproductive mode**: this factor has two levels “viviparity” for viviparous females and “oviparity” for oviparous females
- **Treatment**: this factor has two levels “IC” for immune challenged females and “C” for control females
- **SVL**: female size (snout-vent length) in mm
- **Parturition**: this factor has three levels “All” for females that laid all their eggs, “partial” for females that laid only some of their eggs and “other” for females that laid only some of their eggs during the experiment but laid all their eggs before being released in the field (we could estimate fecundity for these females)
- **Fecundity**: this factor has two levels “Y” for females that laid fertilized eggs and “N” for females that laid unfertilized eggs
- **Number of eggs**: the number of eggs a female laid. This could not be measured for “partial” females
- **Parturition date**: the date of laying for the females
- **Hidden**: the number of times the lizard was hidden during the behavioral observations
- **FullBasking**: the number of times the lizard was full-basking during the behavioral observations
- **HalfBasking**: the number of times the lizard was half-basking during the behavioral observations
- **Other**: the number of times the lizard was active but not thermoregulating (walking, eating...) during the behavioral observations
- **Active**: the sum of the number of times the lizard was “FullBasking”, “HalfBasking” and “Other”
- **Thermoregulating**: the sum of the number of times the lizard was “FullBasking” and “HalfBasking”
- **Total**: the total number of observations
- **Temperature**: the mean temperature (3 measures) of the lizard recorded with an infrared thermometer in °C
- **Date Body Mass1**: The date of the measure of female body weight at the beginning of the experiment
- **BodyMass1**: first measure of female body weight at the beginning of the experiment (at emergence) in g

- **BodyMass2**: second measure of female body weight after reproductive investment (at the end of vitellogenesis) in g

- **BodyMass3**: last measure of female body weight after egg laying and parturition in g

- **Experiment duration**: difference (in days) between “Date Body Mass1” and “Parturition date”

- **Weight gain**: Difference (in g) between “Body Mass3” and “Body Mass2” divided by the “Experiment duration”

- **PHA response**: measure of the swelling response 24h after an injection of PHA (in mm)

- **Lysis response**: lysis response was estimated at several dilution (no dilution, dilution 1/2, 1/4, 1/8, 1/16, 1/32, 1/64, 1/128). We determined the dilution point at which the last lysis reaction was observed. For example, a score of 64 means that we observed lysis for this sample at a dilution of 1/64 but not 1/128.