

This folder contains the data for the article:

Lissowsky N, Kralj-Fišer S, Schneider JM. 2021. Giant and dwarf females: how to explain the 4-fold variation in body size and fecundity in *Trichonephila senegalensis* (Aranea: Nephilidae). *Biological Journal of the Linnean Society*

Authors:

¹Nelli Lissowsky, ²Simona Kralj-Fišer and ^{1,*}Jutta M. Schneider

¹ Universität Hamburg, Institute of Zoology, Department of Biology, Hamburg, Germany

² Scientific and Research Centre of the Slovenian Academy of Sciences and Arts, Institute of Biology, Evolutionary Zoology Laboratory, Ljubljana, Slovenia

File list / description

Adult_weight_and_Development_time.csv (contains raw data used for modelling adult weight and development time);

Eggsac_weight.csv (contains data used for modelling eggsac weight)

Variable names and description of variables used in the dataset:

Variable Name	Description
adult_weight	weight of F1-females after their final molt; maturation weight [mg]
daylength_HD	period of the year in which F1-females hatched with increasing (January-June) or decreasing (July-December) daylengths
daylength_ED	period of the year in which F1-females laid their first eggsac with increasing (January-June) or decreasing (July-December) daylengths
development_time	period between hatching and maturity date of F1-females; maturation duration [d = days]
eggsac_weight	weight of the first eggsac laid by F1-females [mg]
gain_time	period of weight gain of F1-females; period between adult date and eggsac date [d]
id_F1	ID of the F1-generation females: females of the first lab generation, which were F1 descendants of unrelated mated females or eggsacs collected in the field (P-generation)
id_P	ID of the female parental generation (P-generation): field-eggsacs or females collected in the field; mother-ID
population	population affiliation; females / field-eggsacs (P-generation) collected in Namibia or South Africa