

Supplementary material

A physiologically based ODE model for an old pest: modelling life cycle and population dynamics of *Bactrocera oleae* (Rossi)

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Additional figures completing the results of the main text.

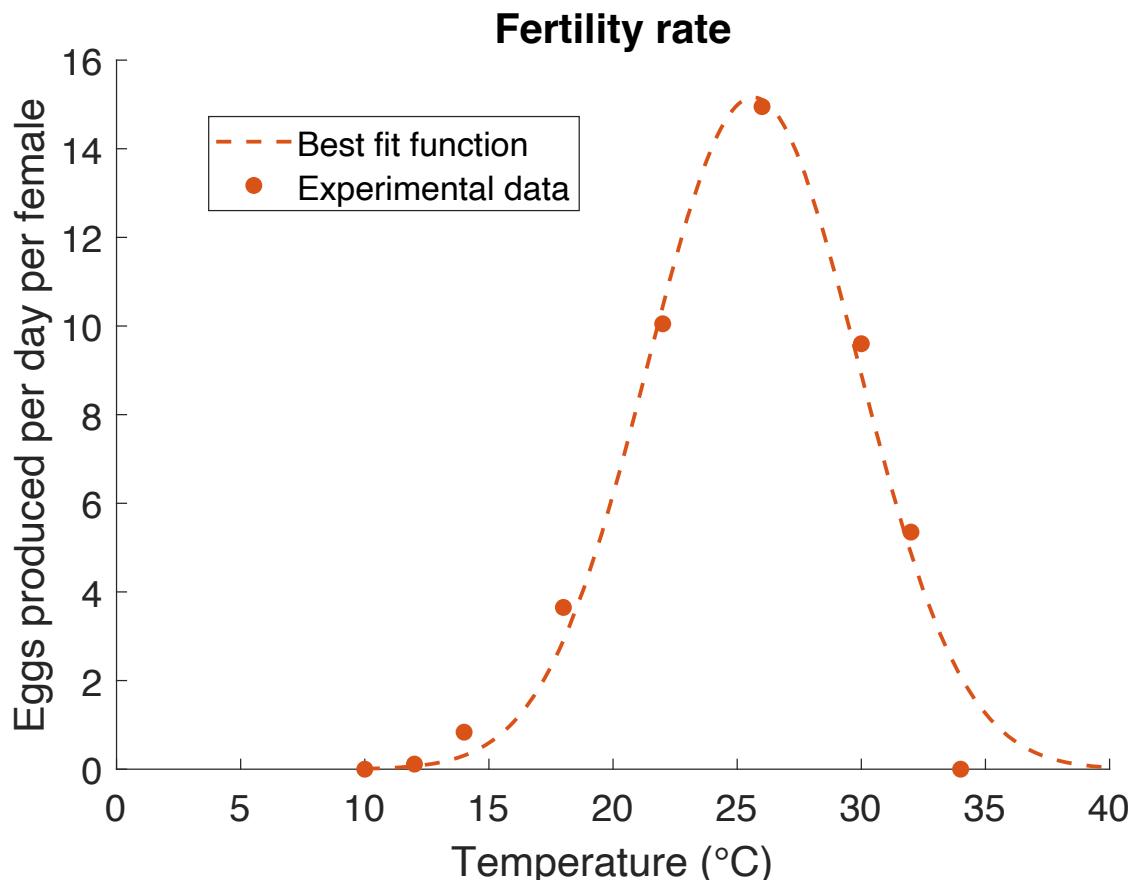


Figure S1: Best fit fertility rate function (9) and experimental data from Preu et al. [1].

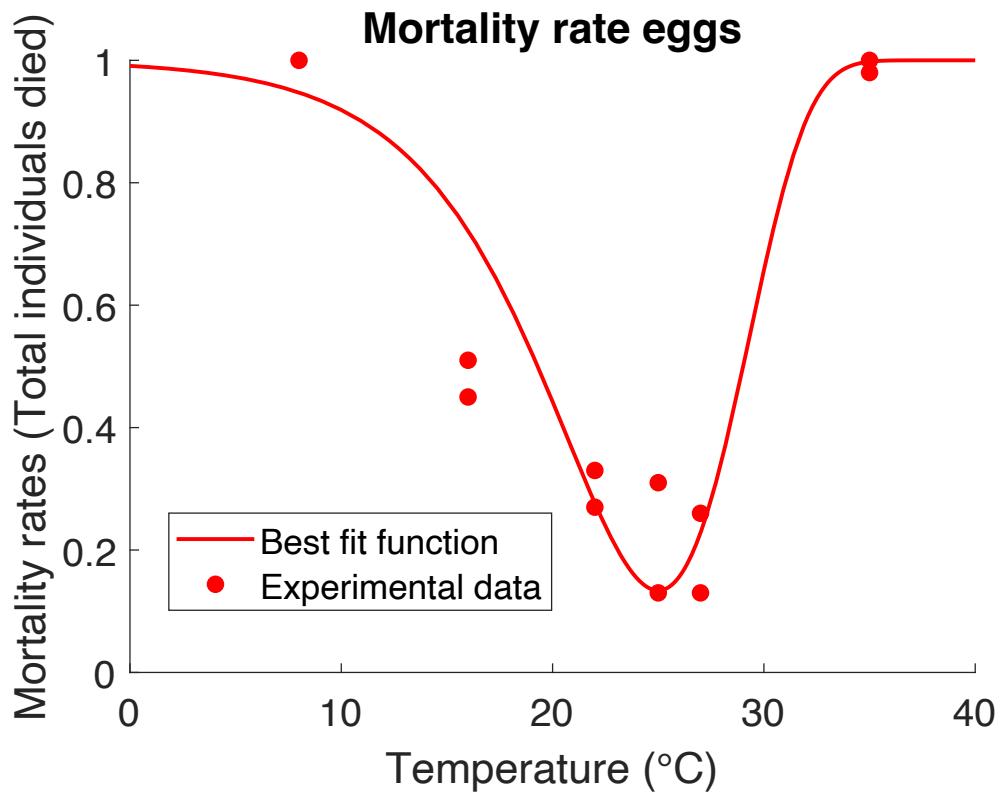


Figure S2: Best fit mortality rate function (7) for eggs and experimental data from Preu et al. [1].

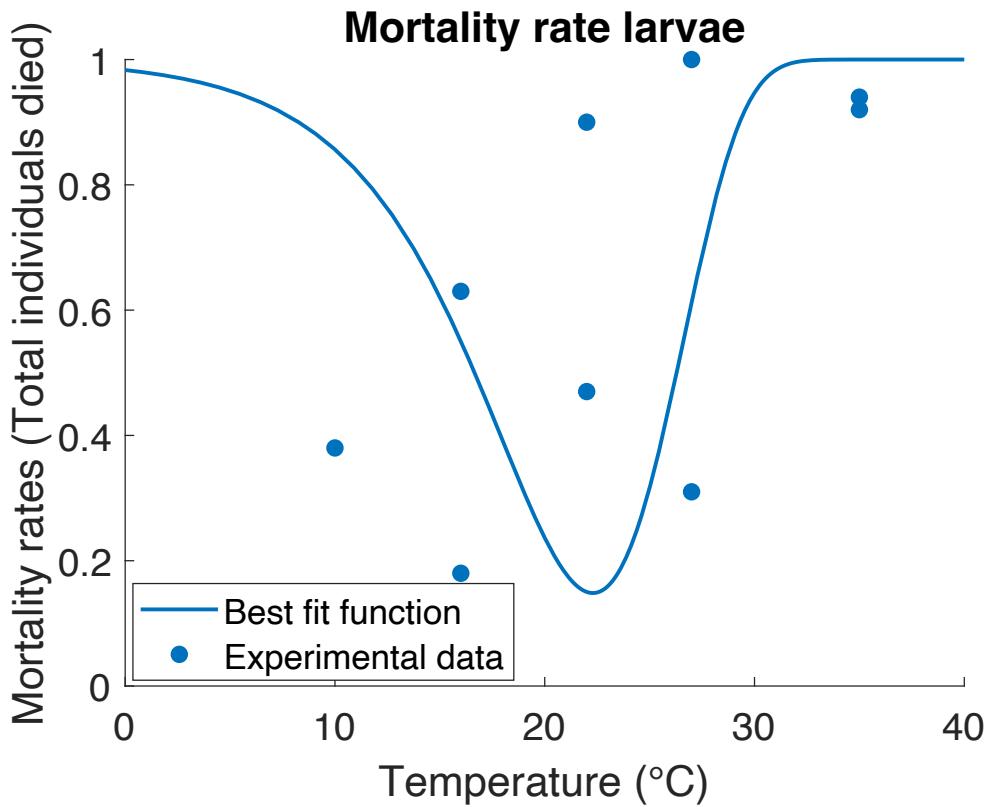


Figure S3: Best fit mortality rate function (7) for larvae and experimental data from Preu et al. [1].

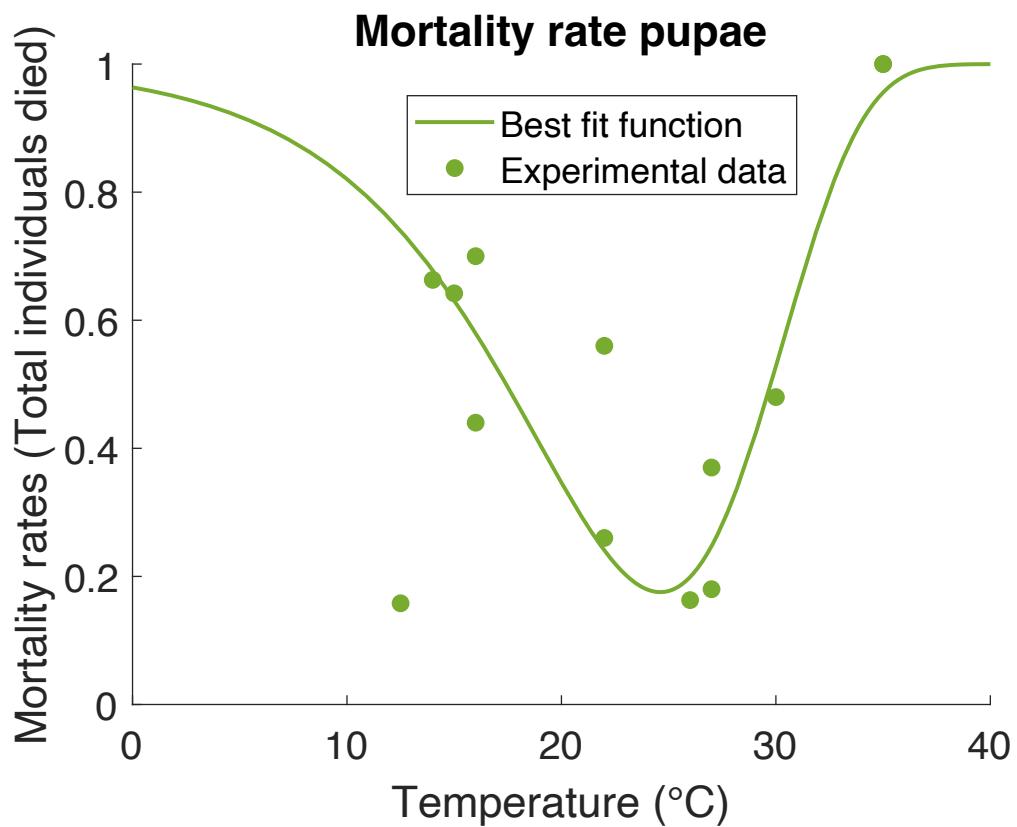


Figure S4: Best fit mortality rate function (7) for pupae and experimental data from Preu et al. [1].

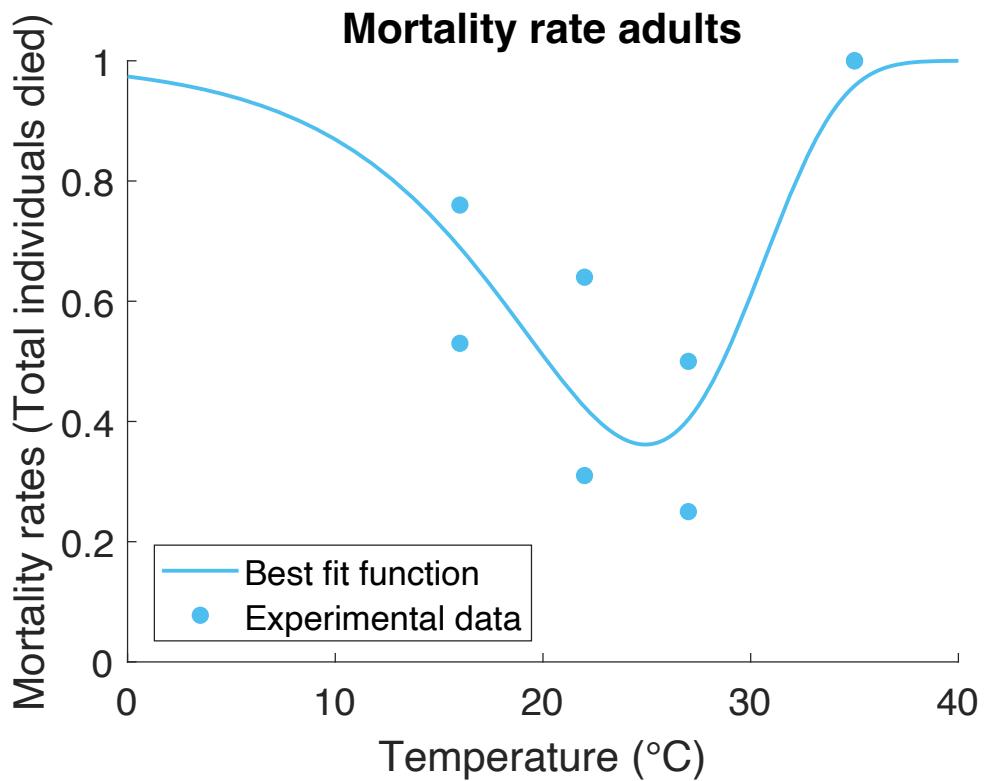


Figure S5: Best fit mortality rate function (7) for adults and experimental data from Preu et al. [1].

References

1. Preu, M.; Friess, J.L.; Breckling, B.; Schröder, W. *Case Study 1: Olive Fruit Fly (Bactrocera Oleae)*; von Gleich, A., Schröder, W., Eds.; Springer International Publishing: Cham, 2020; ISBN 978-3-030-38933-8.