Experimental designs for testing the interactive effects of temperature and light in ecology: the problem of periodicity

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The authors declare no conflict of interest.

Author contributions

DMB, MD and EMW conceived of the manuscript; MD and EMW developed the algebraic solution; DMB performed the comparative analysis of the published studies; DMB led the writing of the manuscript. All authors contributed to writing and gave approval for the submission.

Data Availability

Data from the Flynn & Wolkovich (2018) study is available at the Harvard Forest Data Archive (https://harvardforest1.fas.harvard.edu/exist/apps/datasets/showData.html?id=HF314) and from the Buonaiuto & Wolkovich (2021) study available at Knowledge Network for Biocomplexity (https://knb.ecoinformatics.org/view/doi:10.5063/PG1Q4B). The R code used to analyse the data is available on github.