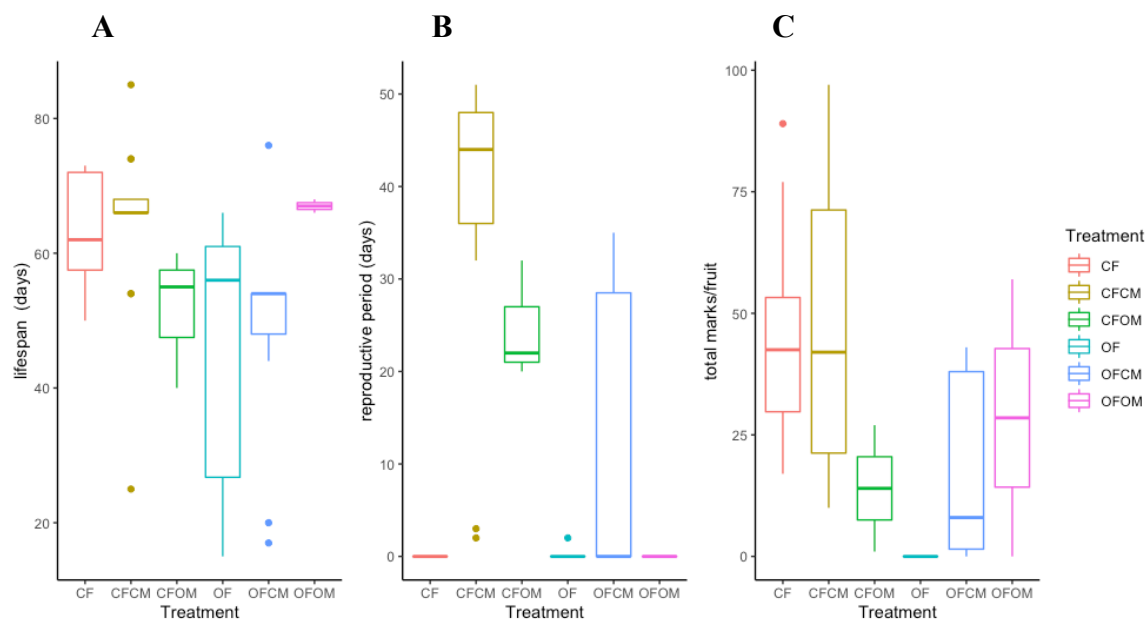


## Supplementary material 2: 2018 experiment

[Cloutier, C., Guay, J.-F., and Champagne-Cauchon, W. 2022. Post-diapause reproduction of spotted wing drosophila in realistically simulated cold climatic springtime conditions of Québec, Canada. The Canadian Entomologist.]

Lifetime data on longevity and reproductive activity of *Drosophila suzukii* were not distributed normally and varied greatly between mating treatments in 2018 experiment (Fig. S2-1). Therefore, data were statistically analysed using the Kruskal–Wallis nonparametric analysis of variance.



**Fig. S2-1.** Boxplots of reproductive activity of *Drosophila suzukii* as affected by mating treatments in 2018 experiment: **A**, lifetime; **B**, reproductive period; and **C**, fruit marking frequency.