

**Fig. S1.** **Effect of mating frequency and male morph on female lifespan.** Kaplan-Meier survival plots for females maintained in high mating frequency (HMF) or low mating frequency (LMF) groups and mated with scrambler (S) or fighter (F) male morphs.

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| --- | --- | --- | --- | --- | --- |
| **Females mated with:** | **Fixed effect:** | **Coef.** | **s.e.** | ***z*** | ***P*** |
|  | **Treatment** | -0.9978 | 0.32 | -3.147 | **0.00165** |
| **Scrambler** | Mating with more than one male | -0.7834 | 0.36 | -2.162 | 0.031 |
|  | Treatment | -0.2586 | 0.31 | -0.845 | 0.398 |
| **Fighter** | Mating with more than one male | 0.4911 | 0.35 | 1.393 | 0.164 |

**Table S1.** Results of a Cox proportional hazard model of female survival probability as a function of mating with a scrambler or fighter in high mating frequency and low mating frequency groups, with experimental treatment and number of mated males as fixed effects.