

**Sex-specific additive genetic variances and correlations for fitness  
in a song sparrow (*Melospiza melodia*) population subject to  
natural immigration and inbreeding**

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**Running head:** Additive genetic variance in fitness

## **AUTHOR CONTRIBUTIONS**

MEW and JMR jointly conceived and designed the analyses and wrote the manuscript. MEW conducted the analyses, with contributions from JMR. PA ensured the long-term field data collection. PN and LFK conducted the genotyping. All authors contributed to editing the final draft.

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## **DATA ARCHIVING**

Data have been archived in the Dryad Digital Repository:

<https://doi.org/10.5061/dryad.p7p1jb3> (Wolak et al. 2018).