

CORRECTION

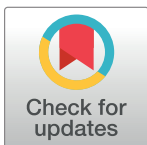
Correction: A comment on priors for Bayesian occupancy models

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Our original paper [1] omits a reference to a non-peer-reviewed preprint [2] that discusses similar issues. The work by Lele [2] illustrates how priors in Bayesian analysis can impact inference in general and provides cautionary advice about the use of non-informative priors in analyses used for wildlife management. Similar to our paper, Lele [2] shows how seemingly non-informative priors can influence inference in occupancy models. Our work [1] builds on this research by further exploring this issue with simulation and an empirical example, describing in plain language the reasons that seemingly non-informative priors can influence inference, and providing potential alternative priors that can be used to provide the inference often desired by researchers.

References

1. Northrup JM, Gerber BD (2018) A comment on priors for Bayesian occupancy models. PLoS ONE 13(2): e0192819. <https://doi.org/10.1371/journal.pone.0192819> PMID: 29481554
2. Lele SR (2015) Is non-informative Bayesian analysis appropriate for wildlife management: survival of San Joaquin Kit Fox and declines in amphibian populations. arxiv.1502.00483



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