How much is enough and where to start? Quantifying and prioritizing locations for reductions in urbanization effects to benefit coho salmon populations

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Title Ideas

- How much is enough and where to start? Quantifying and prioritizing locations for reductions in urbanization effects to benefit coho salmon populations

- How much is enough and where to start? Quantifying and prioritizing locations for conservation action with limited biological data

- How much is enough and where to start? Applying structural equation models and Bayesian multilevel models to conservation prioritization

- How much is enough and where to start? Applying models of mortality rates in threatened coho populations to prioritize conservation actions

Introduction

Methods

Results

Discussion

Conclusion

References

Feist, B. E., E. R. Buhle, D. H. Baldwin, J. A. Spromberg, S. E. Damm, J. W. Davis, and N. L. Scholz. 2017. Roads to ruin: conservation threats to a sentinel species across an urban gradient. Ecological applications 27:2382–2396.
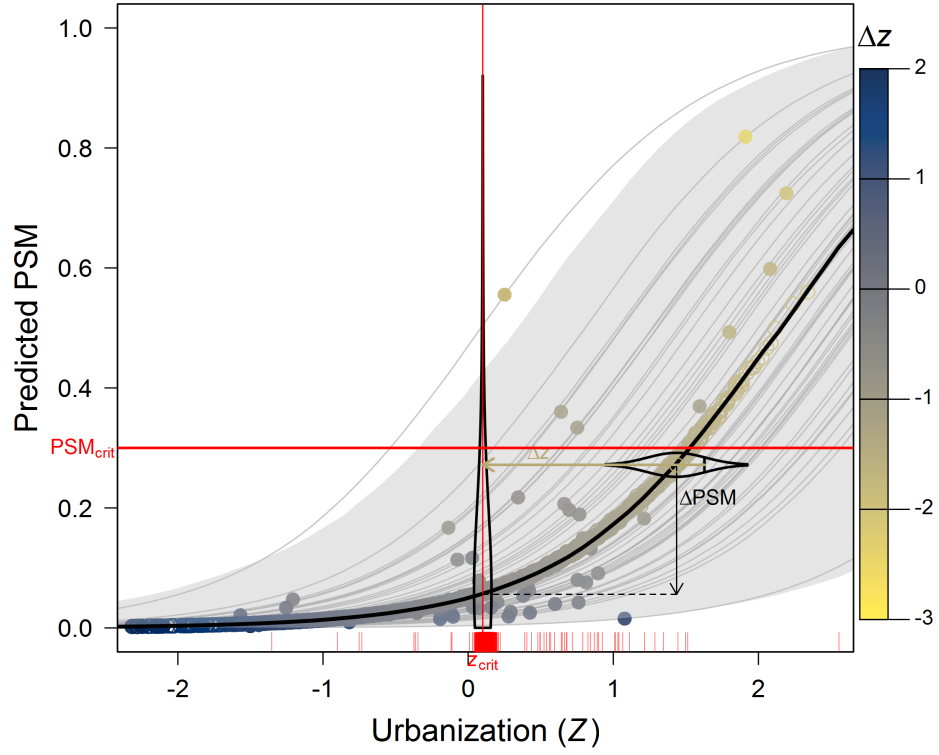
Acknowledgements

Figures

Figure 1: **Relationship between estimated pre-spawn mortality and urbanization** based on the structural equation and multi-level modeling in (Feist et al., 2017).