Ecological Archives E086-041-A1

Brian S. Cade, Barry R. Noon, and Curtis H. Flather. 2005. Quantile regression reveals hidden bias and uncertainty in habitat models. Ecology 86:786-800.

Appendix A. A figure showing the cubic polynomial trend surface used in simulations to generate the values of unmeasured nonhabitat variables.

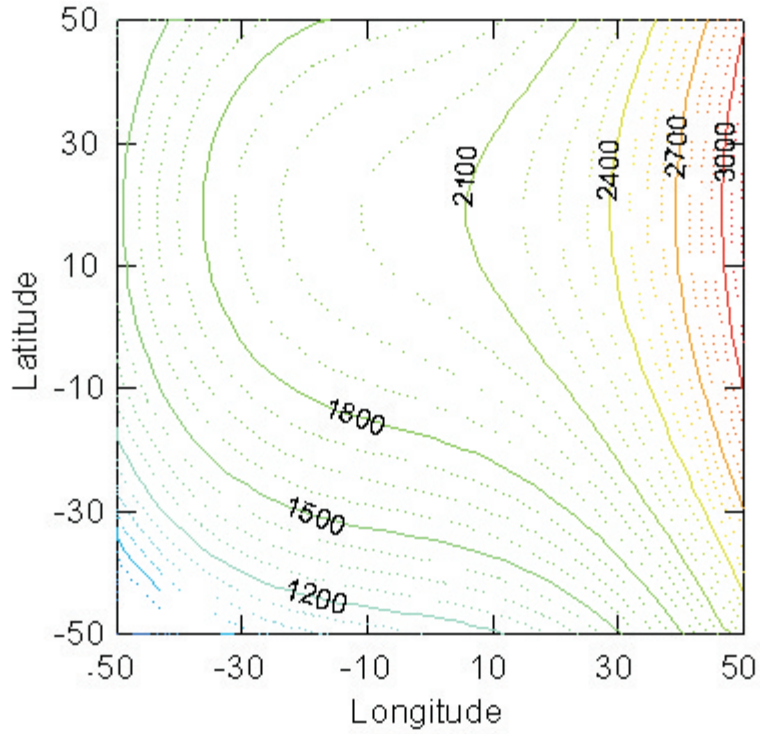

Figure A1. Cubic polynomial trend surface used in simulations to generate the values of X_2, an unmeasured nonhabitat variable that was not estimable in simulations. Surface plotted is for the expected value of $X_2 = 2{,}000 + 4.5LONG + 7.5LAT + 0.1LONG^2 - 0.2LAT^2 + 0.005LONG^3 + e$, with e uniformly distributed (-900, 900), LAT and $LONG$ were uniformly distributed latitude and longitude coordinates ($\mu = 0$, range = -50 to 50).