

CORRECTION NOTE: POISSON POINT PROCESS MODELS SOLVE THE “PSEUDO-ABSENCE PROBLEM” FOR PRESENCE-ONLY DATA IN ECOLOGY

BY DAVID I. WARTON AND LEAH C. SHEPHERD

University of New South Wales

Due to a printing problem, Figure 1 on page 1384 of [Warton and Shepherd \(2010\)](#) appears incorrectly in the print version of *The Annals of Applied Statistics*. The correct figure is below.

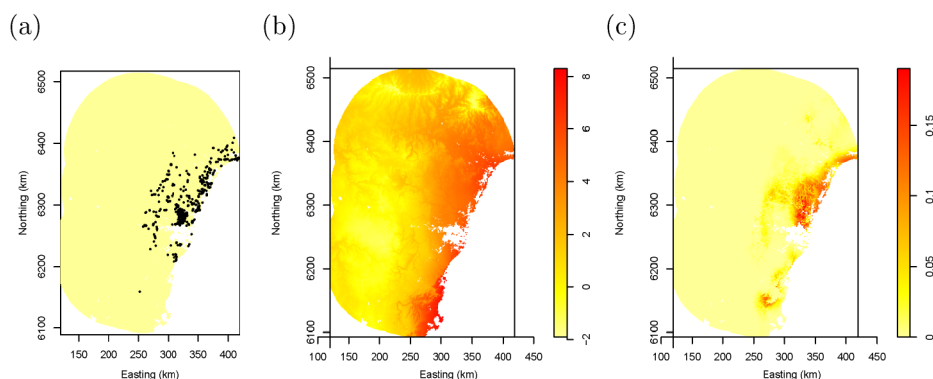


FIG. 1. (a) Example presence-only data—atlas records of where the tree species *Angophora costata* has been reported to be present, west of Sydney, Australia. The study region is shaded. (b) A map of minimum temperature (°C) over the study region. Variables such as this are used to model how intensity of *A. costata* presence relates to the environment. (c) A species distribution model, modeling the association between *A. costata* and a suite of environmental variables. This is the fitted intensity function for *A. costata* records per km², modeled as a quadratic function of four environmental variables using a point process model as in Section 4.

REFERENCES

WARTON, D. I. and SHEPHERD, L. C. (2010). Poisson point process models solve the “pseudo-absence problem” for presence-only data in ecology. *Ann. Appl. Statist.* **4** 1383–1402.

Key words and phrases. Habitat modeling, quadrature points, occurrence data, pseudo-absences, species distribution modeling.