Predictive spatial modeling in ecology is becoming more common, but unfortunately, not all ecologists possess the skills necessary to successfully combine statistical models and geographical information systems. In response to this problem, I wrote an ArcView extension which provides an interface between ArcView and the SAS and S-PLUS statistical software packages. The extension provides a graphical user interface which helps users create data sets with which to build models, creates script files containing the necessary code for the statistical software, and imports and maps the model results in ArcView. Logistic regression and classification and regression tree models are supported.

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