

Modelling curlew sightings based on habitat preferences and climatic variables on both sides of the Irish Sea.

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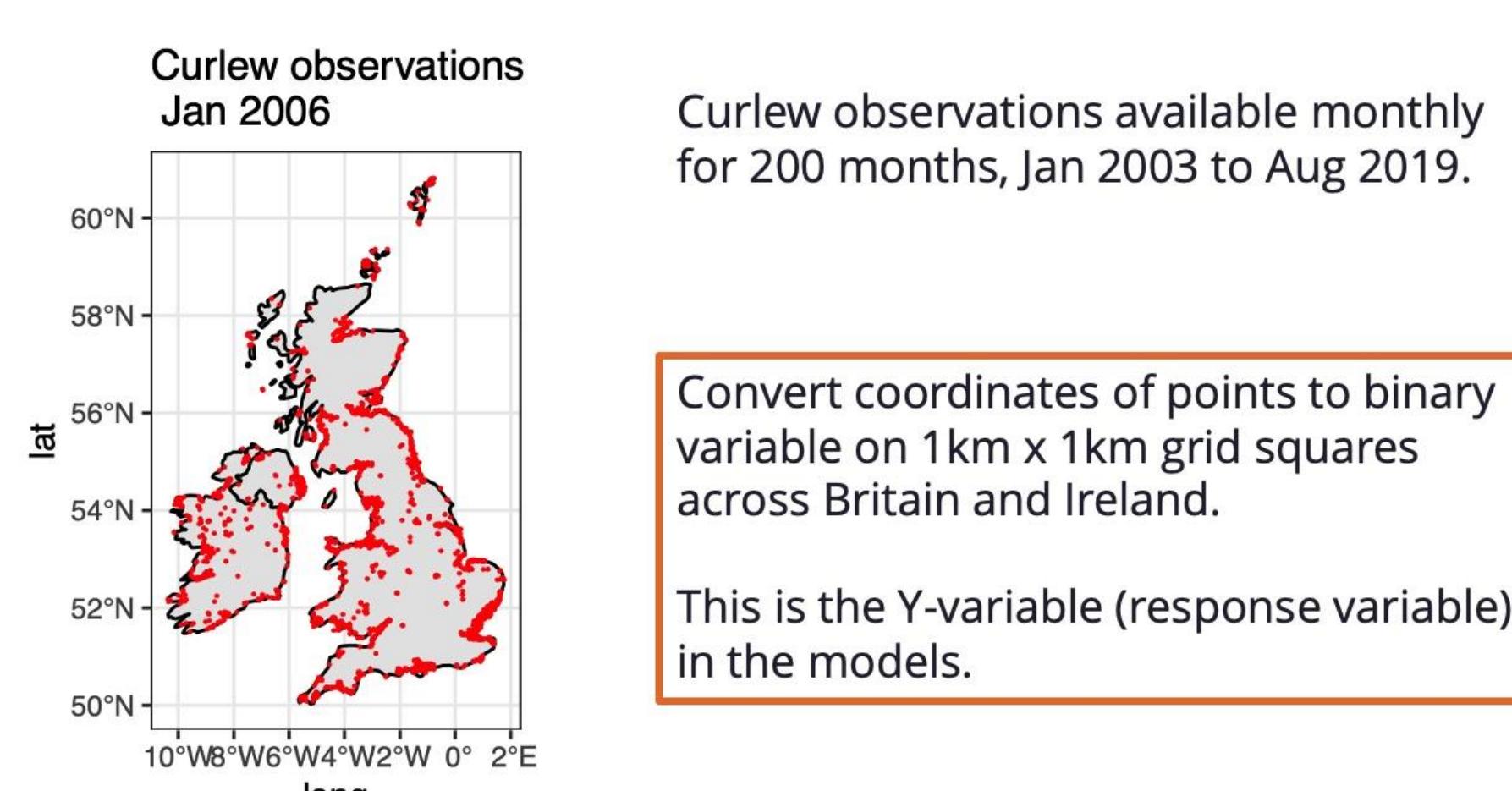


The Eurasian curlew
(*Numenius arquata*)

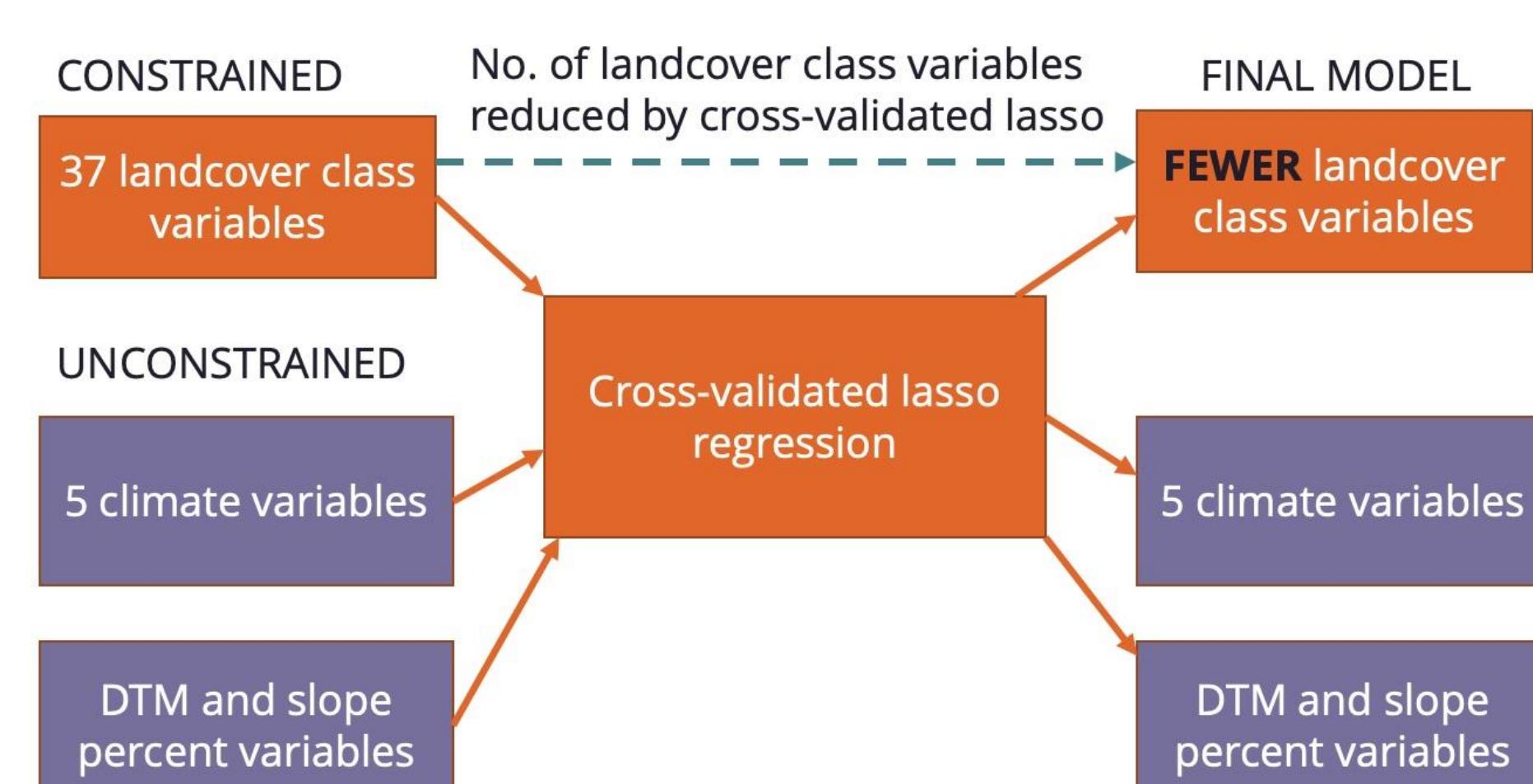
Summary

Using curlew observation data (Jan 2003 to Feb 2019, winter months only, Britain and Ireland), we fit 66 logistic GLMs (with lasso penalisation) to establish patterns of habitat preference across broad time scales.

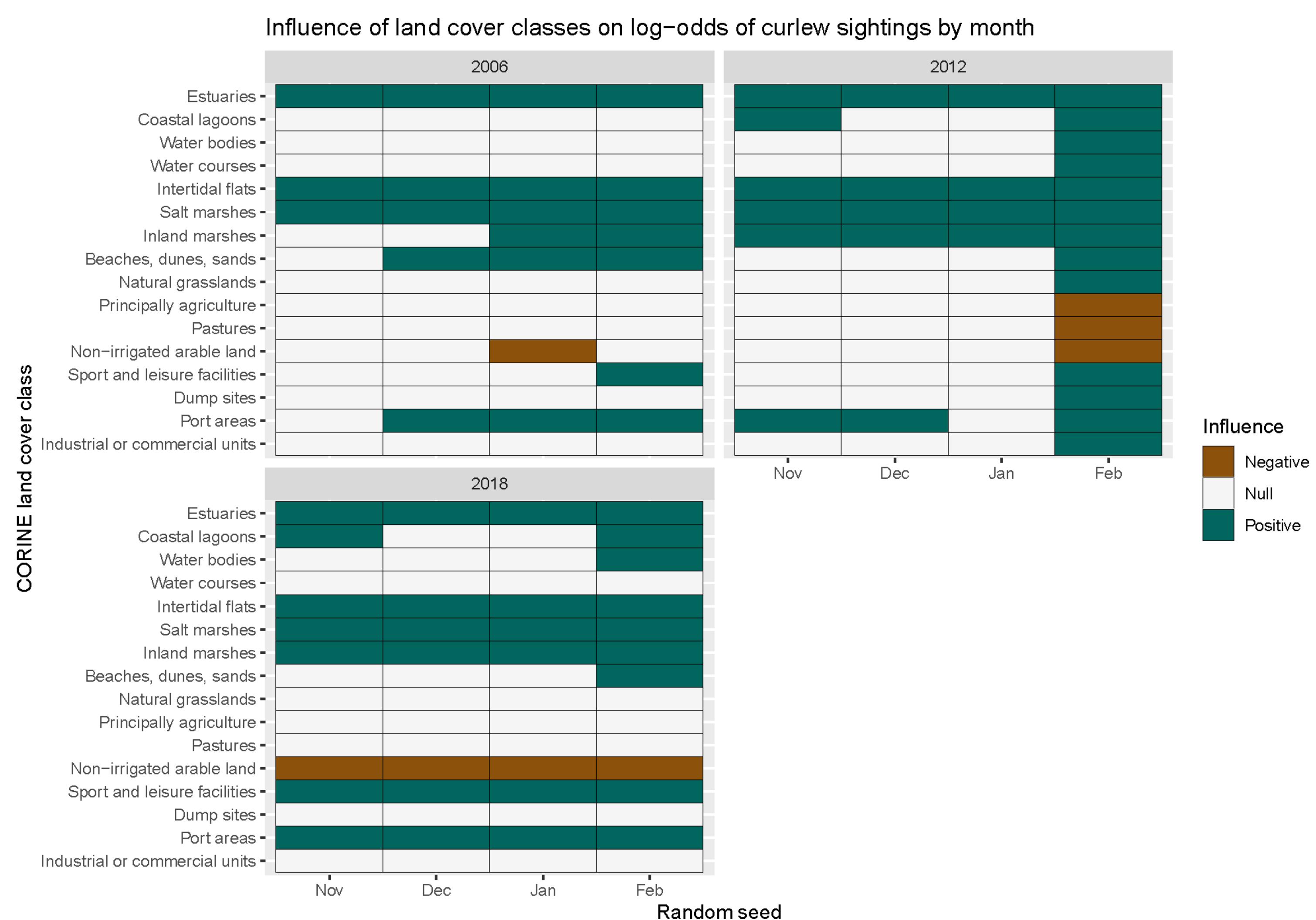
Model: response variables



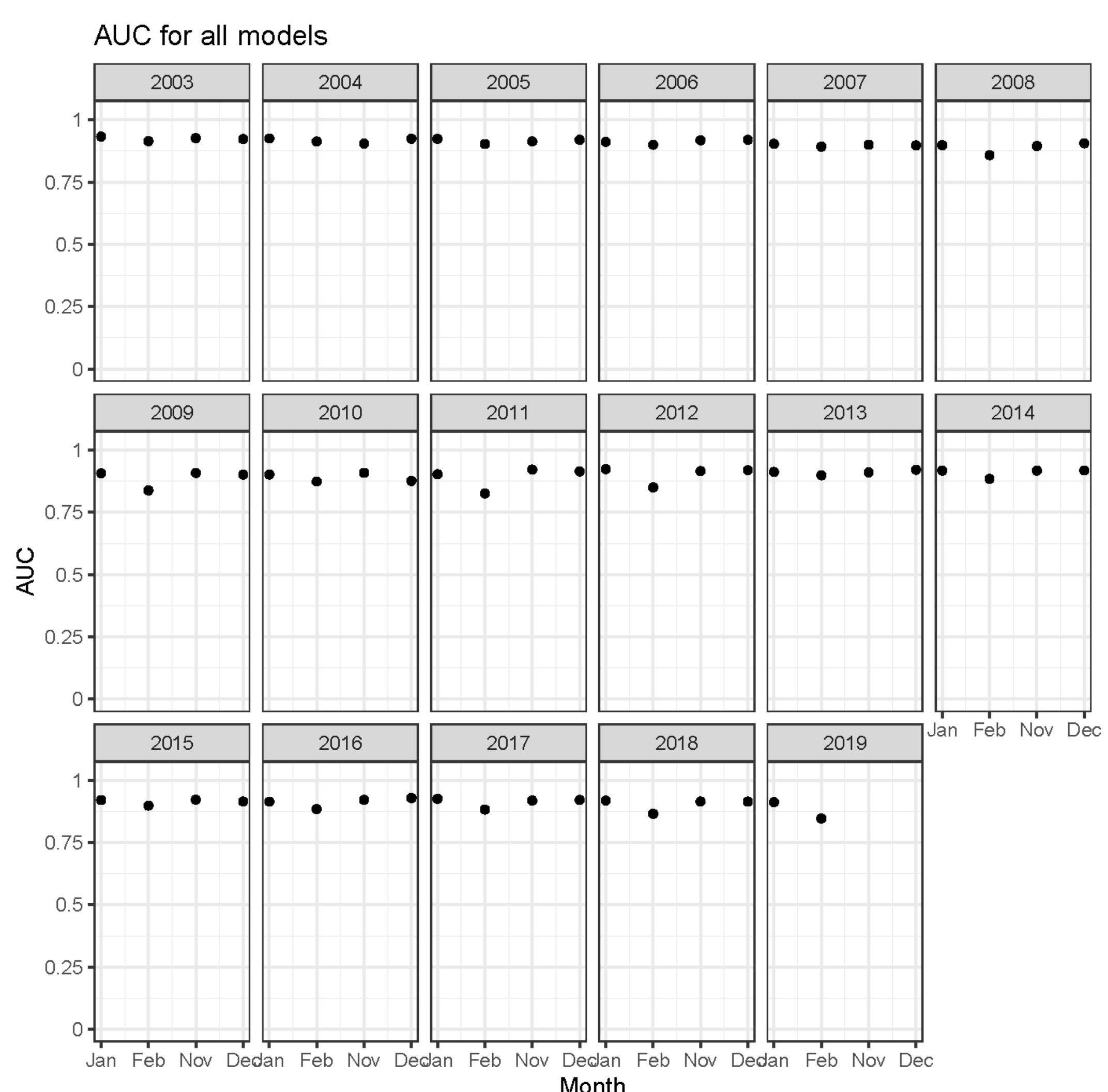
Model: explanatory variables and lasso regression filtering



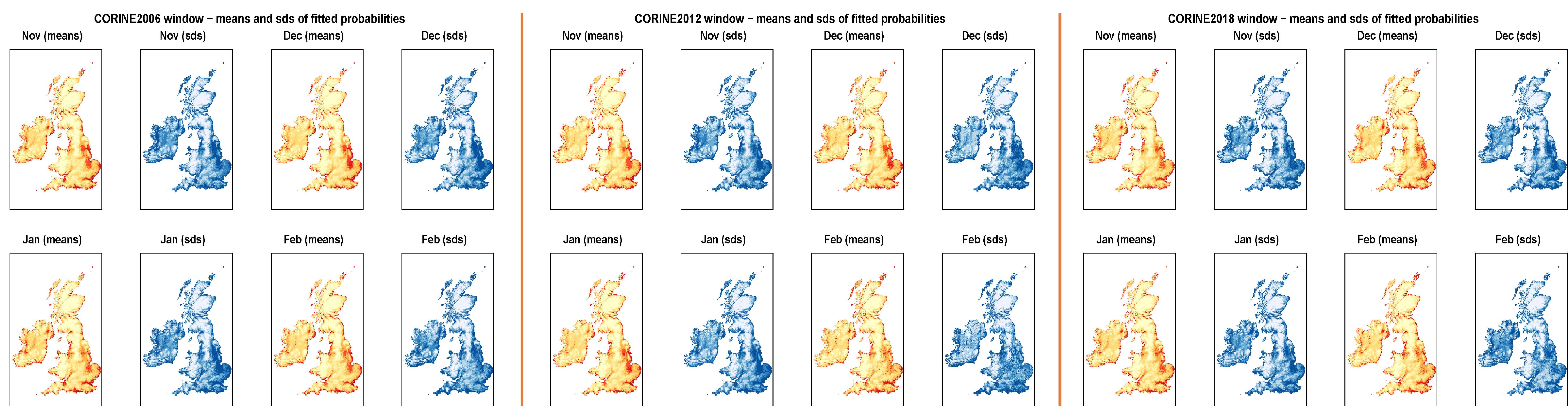
Results: land cover variables selected



Results: area under ROC curve, all models



Model predictions CORINE 2006–18: means and standard deviations



Funding — The ECHOES project is funded through the [Ireland-Wales Programme 2014–2020](#) (Welsh Government, [European Regional Development Fund](#)) which focusses on seeking solutions to shared challenges on both sides of the Irish Sea.

