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Supplementary Materials for

Effects of conservation policy on China's forest recovery

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The PDF file includes:

Supplementary Materials

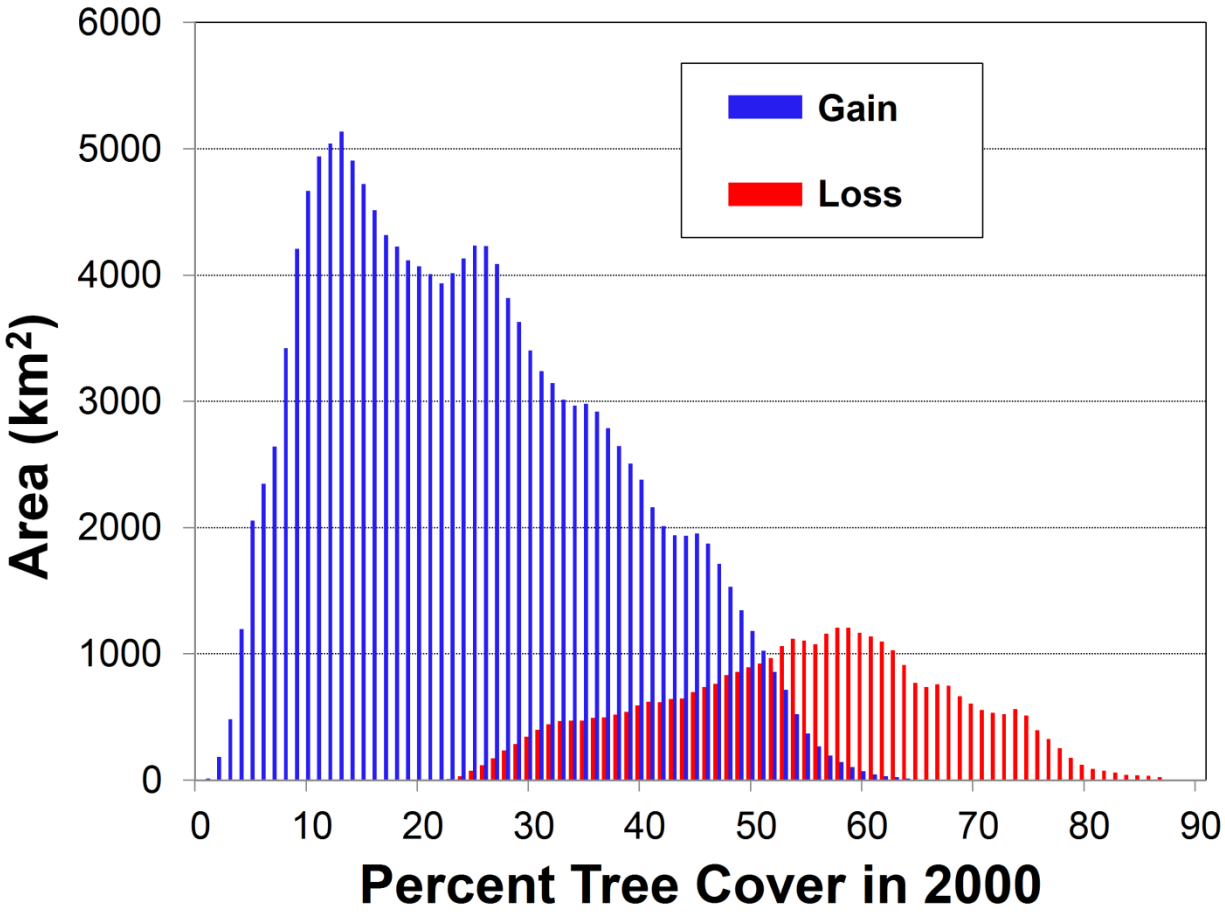

Fig. S1. Histogram of dynamic pixels. Frequency histograms of the percent tree cover in 2000 of the pixels exhibiting statistically significant forest cover gain/loss across the 2000-2010 time period.

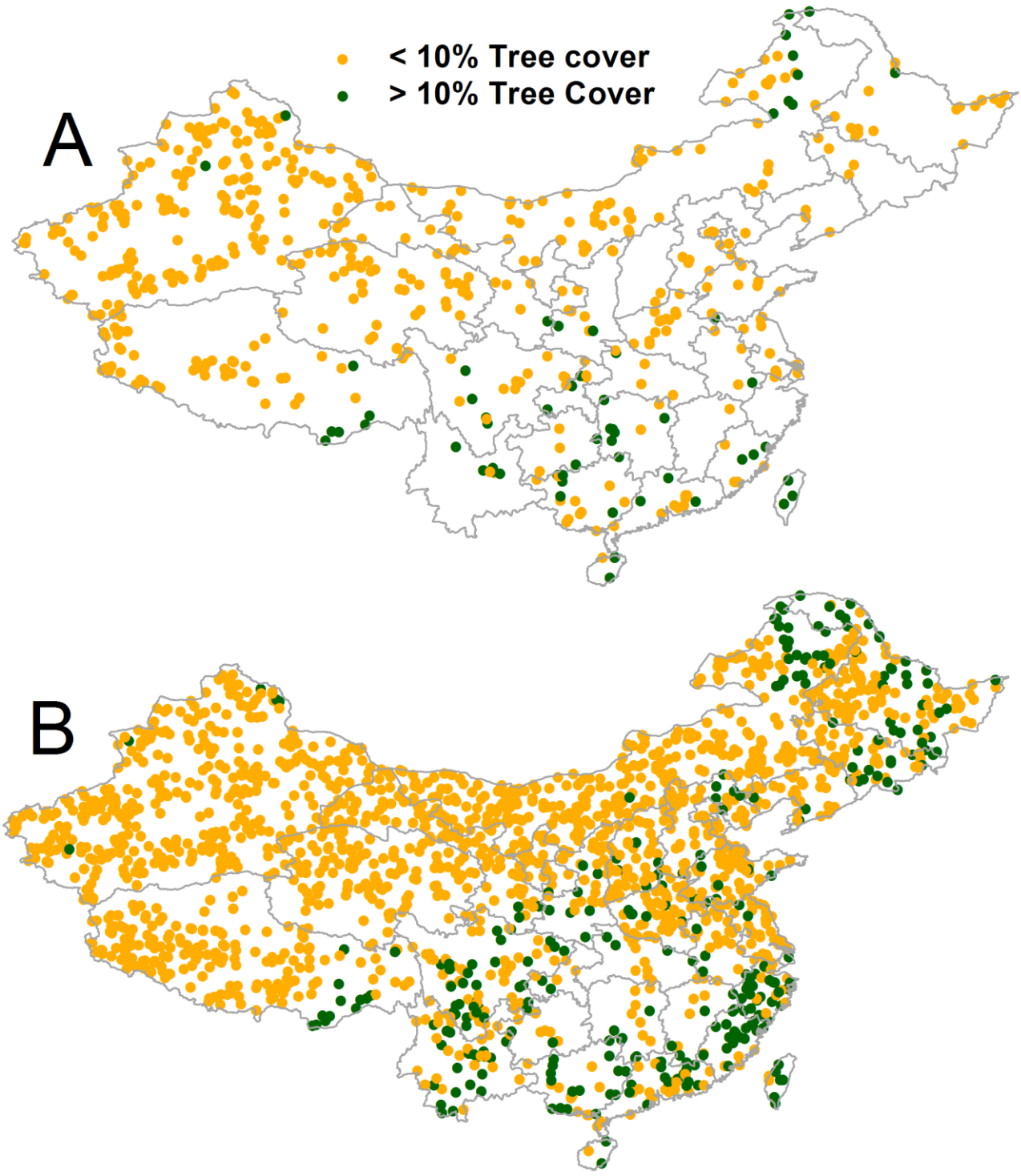

Fig. S2. Distribution of validation polygons. Locations of polygons randomly distributed throughout China used for validating the MODIS VCF tree cover product of **(A)** 2000 and **(B)** 2010. Polygons correspond to province boundaries.

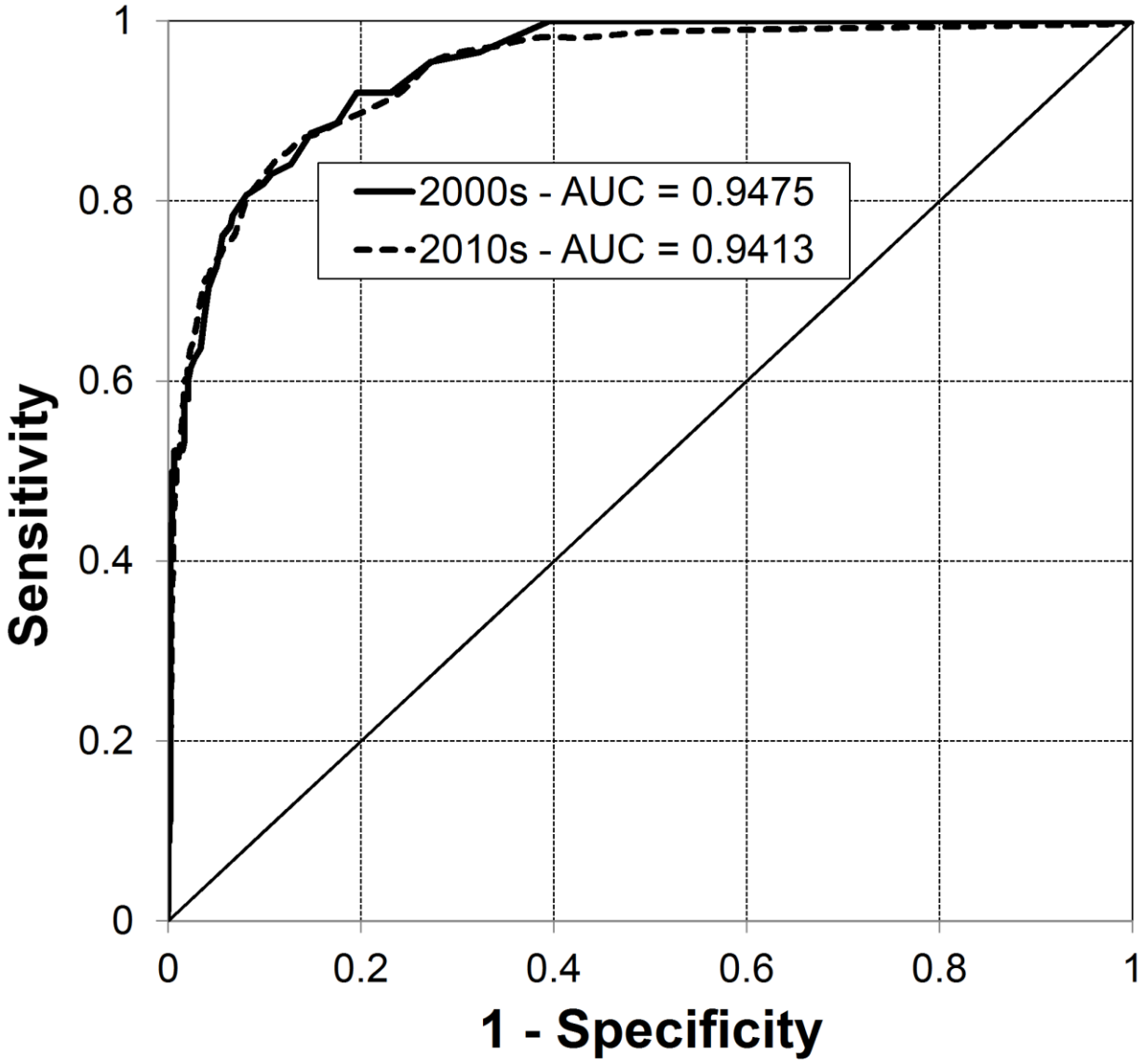

Fig. S3. Validation of the MODIS VCF. Results of the threshold independent validation procedure (Area Under the Receiver Operating Characteristic curve; AUC) of the MODIS VCF tree cover datasets of 2000 and 2010. The 45-degree line represents an AUC = 0.5 (i.e., random prediction).

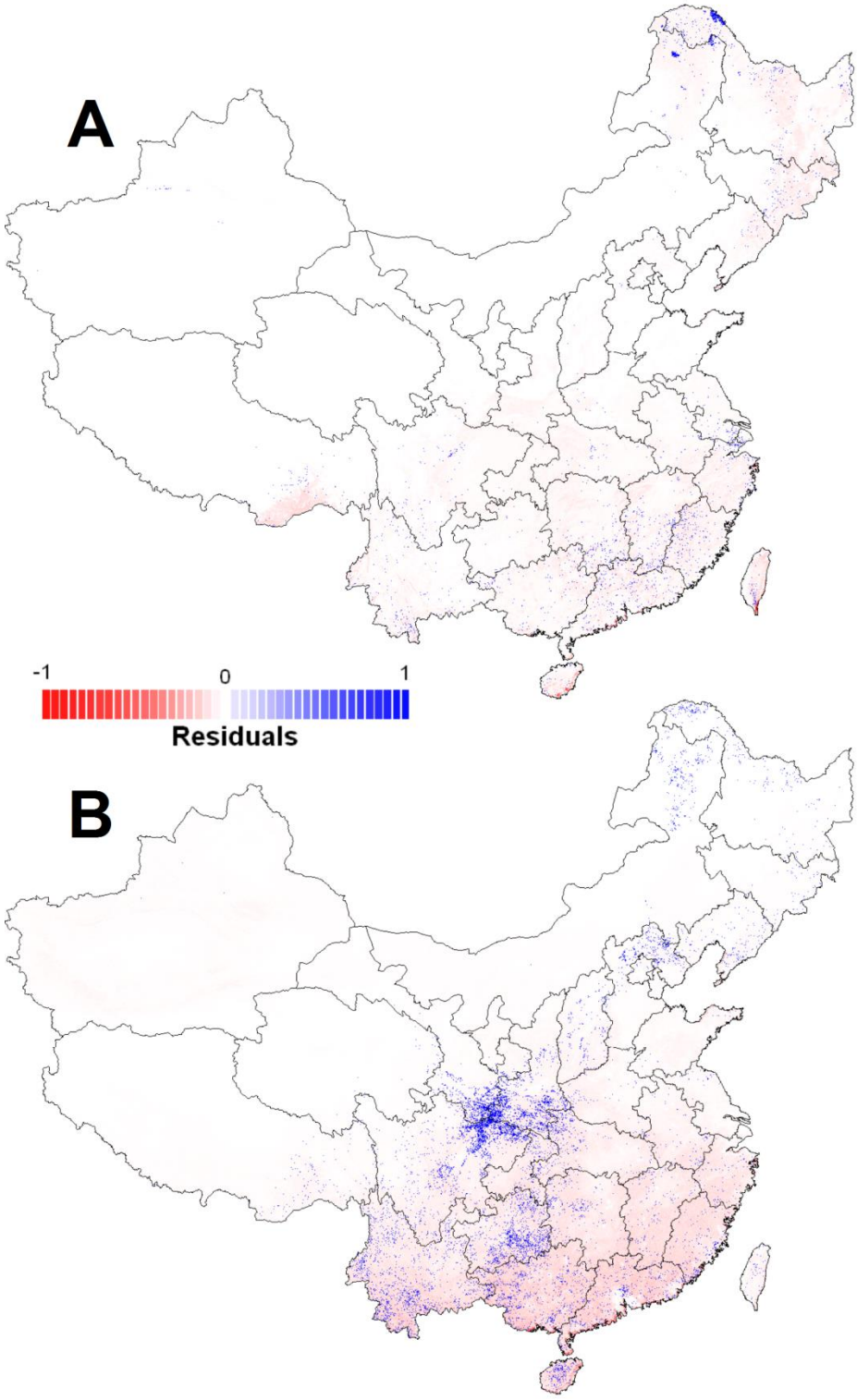

Fig. S4. Distribution of model residuals. Residuals of logistic regression models developed to assess the probability of **(A)** forest loss and **(B)** forest gain, using eleven pixel-based biophysical and demographic variables (coefficients are shown in Tables 1 and 2, respectively, in the main text) as independent predictors.