

Mapping trends in woody cover throughout Namibian savanna with MODIS seasonal phenological metrics and field inventory data

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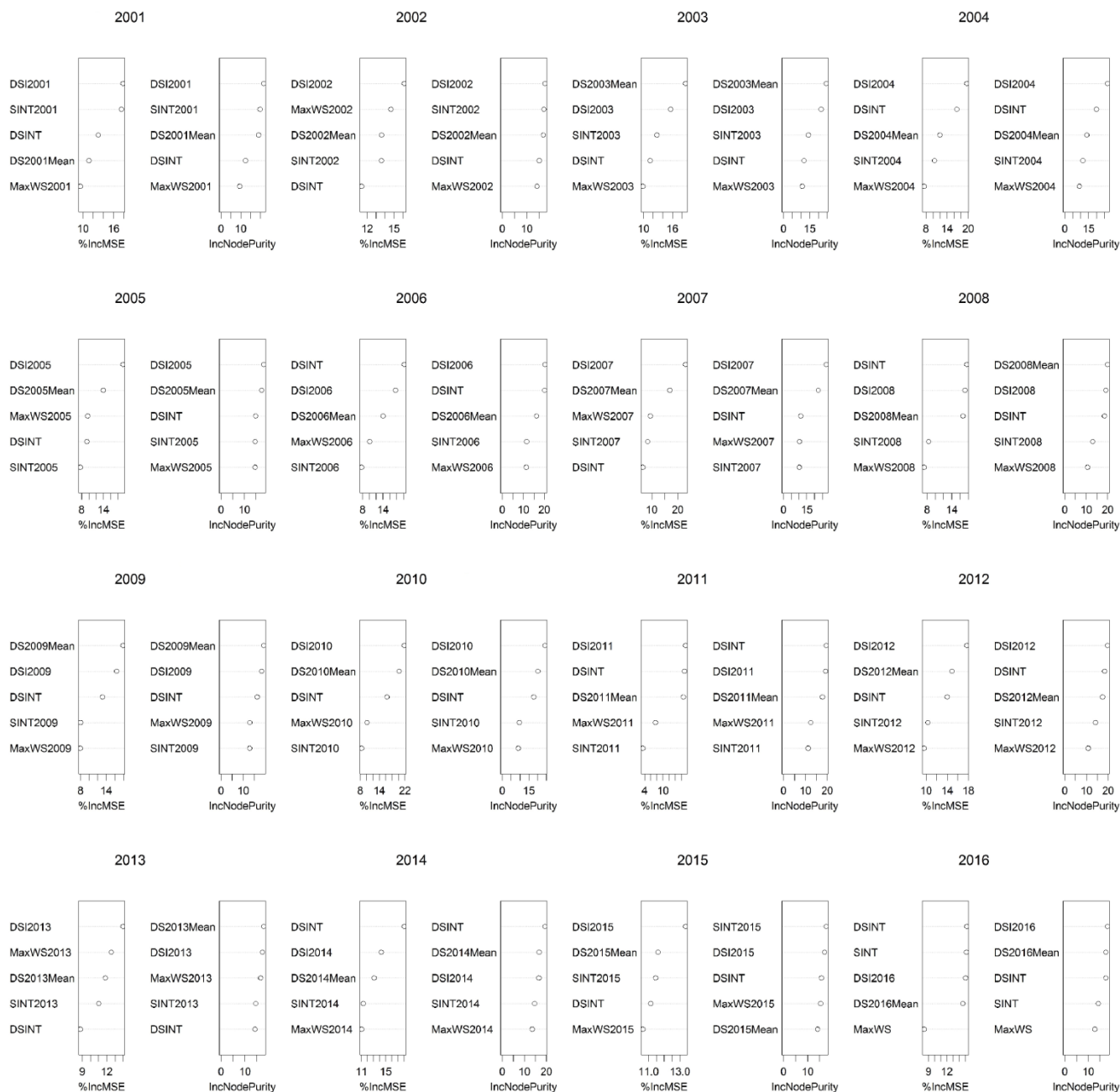
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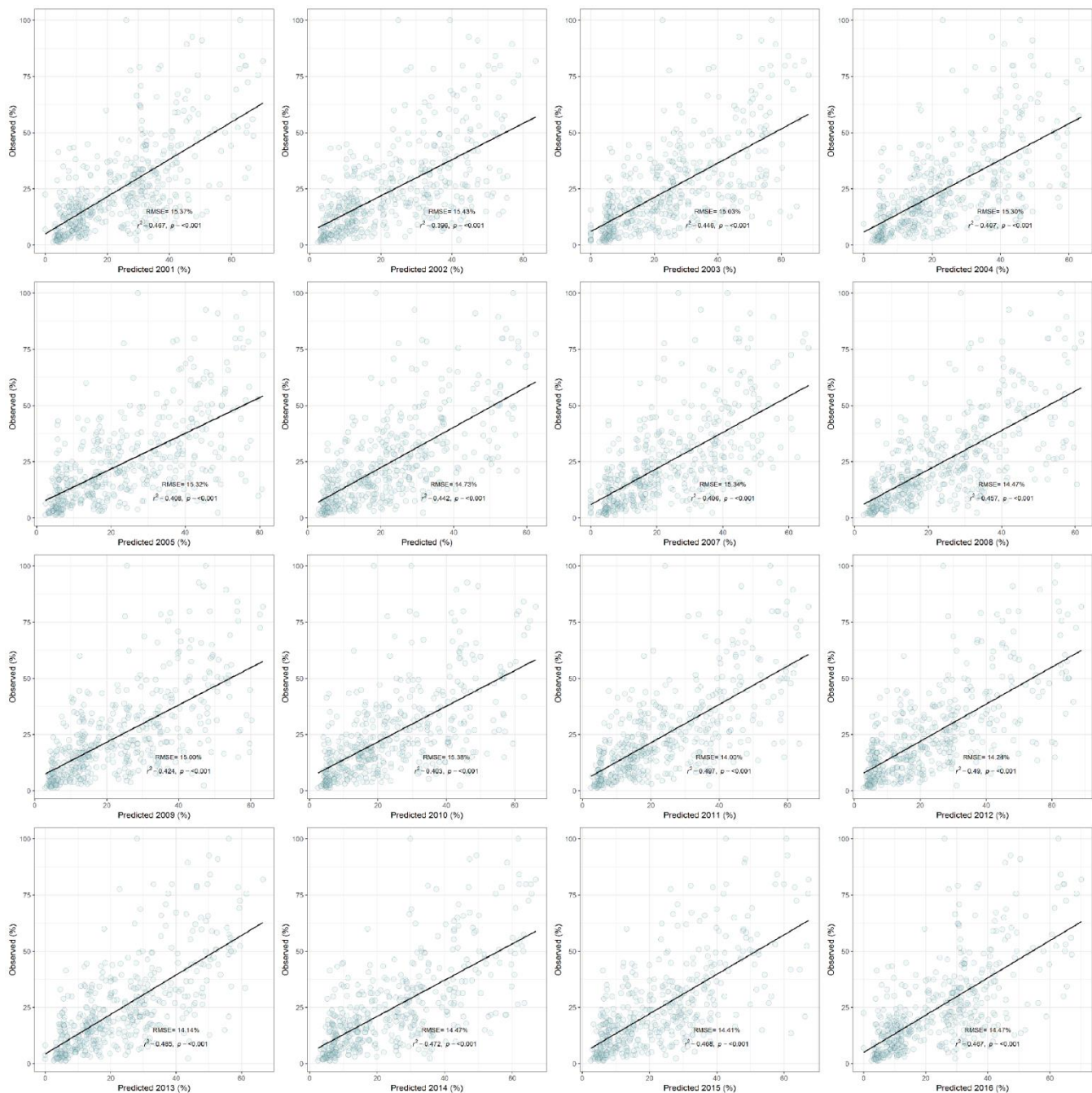


Figure S2. Linear regression of observed and predicted values; between the 2001 and 2016 models, the R^2 values ranged from 0.4 to 0.5, and the RMSE ranged from 14.14% to 15.43%.

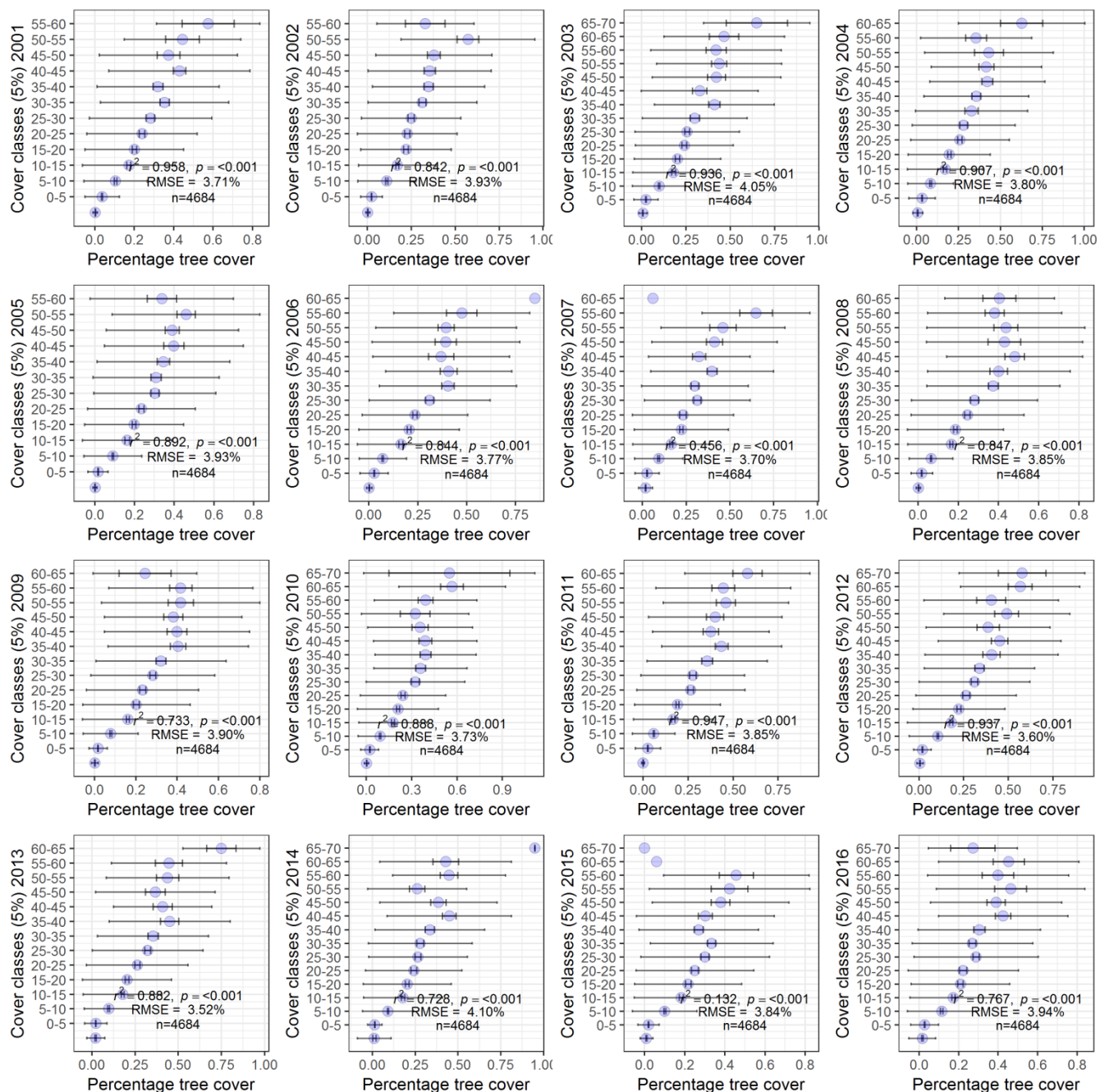
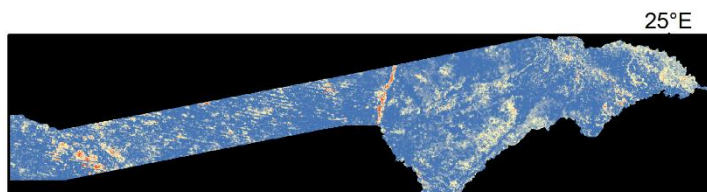


Figure S3. Between the 2001 and 2016 models, the R^2 values ranged from 0.13 to 0.96, and the RMSE ranged from 3.52% to 4.10%. Low R^2 values are the results of single outlier percentage tree cover (%) observation within cover classes. For example, for the 2006 model, only a single observed percentage woody cover (%) sample was identified for the 60-65 % cover class.

Coefficient of determination (%)



0 50 Kilometers



25°E

25°E

15°E

20°E

20°S

25°S

20°S

25°S

15°E

20°E

Figure S4. R^2 values resulting from a linear regression between mean annual precipitation anomalies (independent) and annual percentage woody cover anomalies (dependent).