

Mapping shrublands across New York State

Targeted ML for informing management decisions

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About Me

- Mike Mahoney
- ESIP Community Fellow (IT&I, ML)
- PhD candidate in environmental science
- Research assistant, CAFRI
- These slides:
mm218.dev/esip2023



New York State 2019 CLCPA:

- 85% reduction in GHG emissions by 2050
- Net zero emissions statewide by 2050
- Lands & forests make up the difference
- Need to track & manage current forests, encourage new forest development

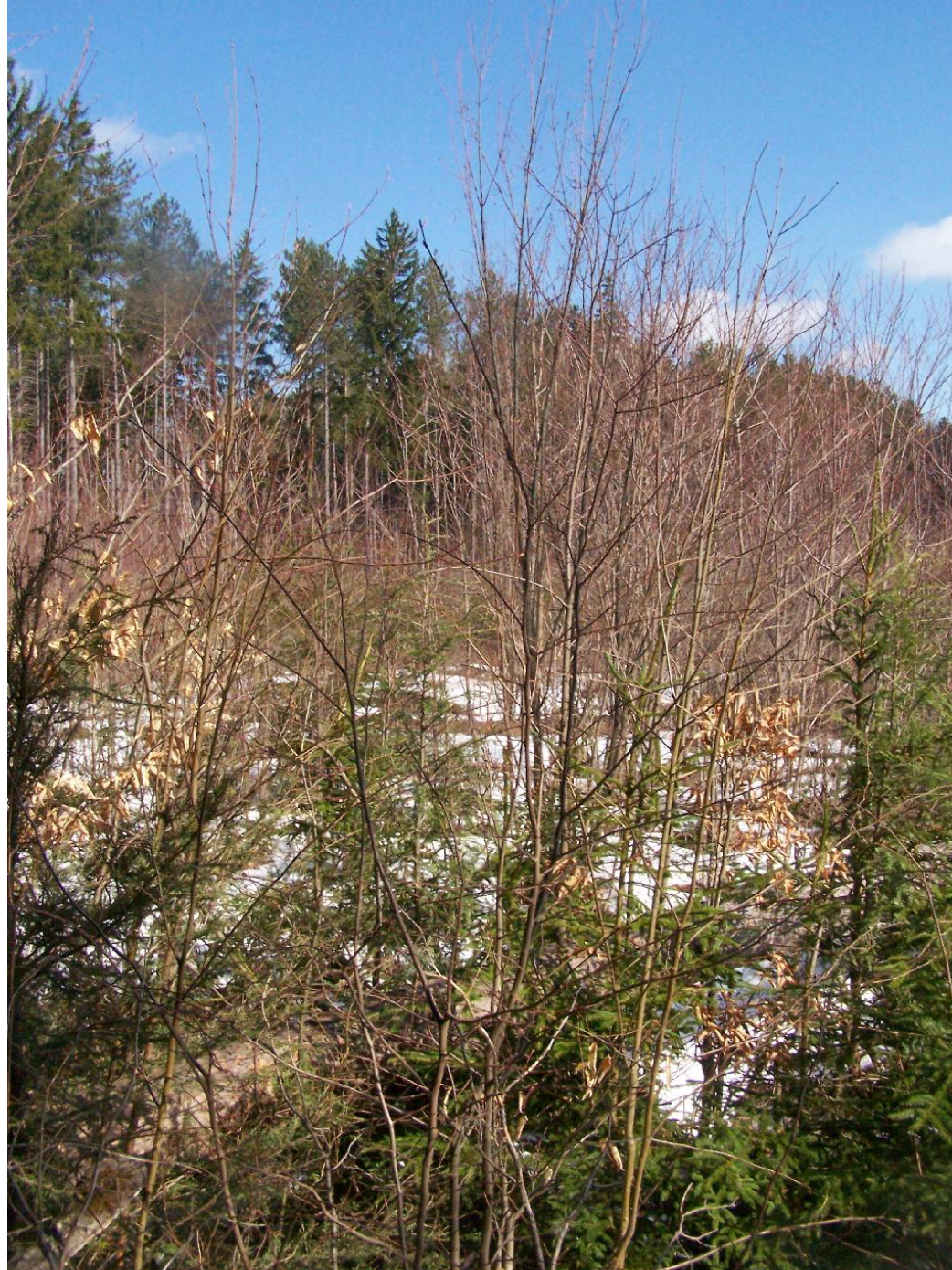




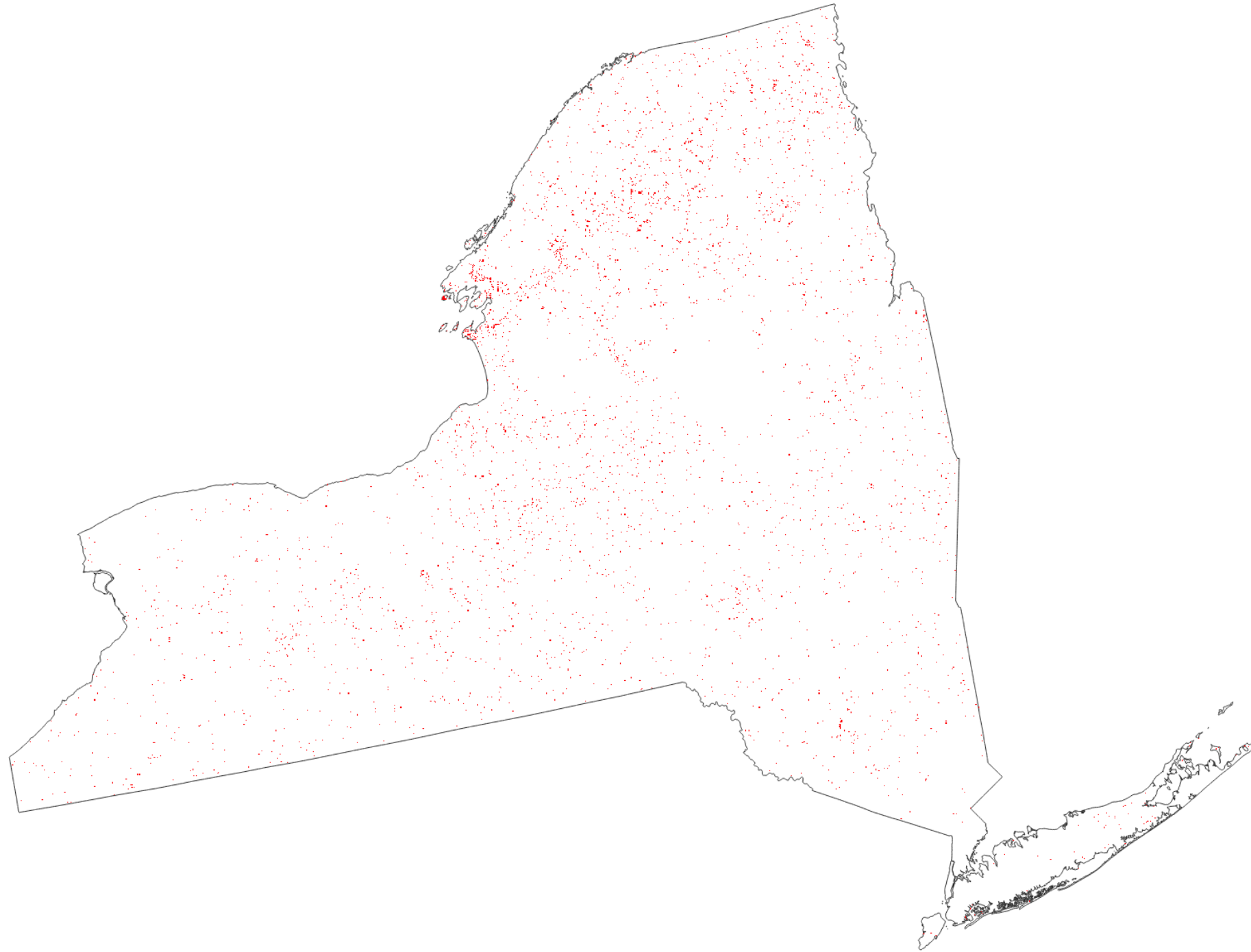
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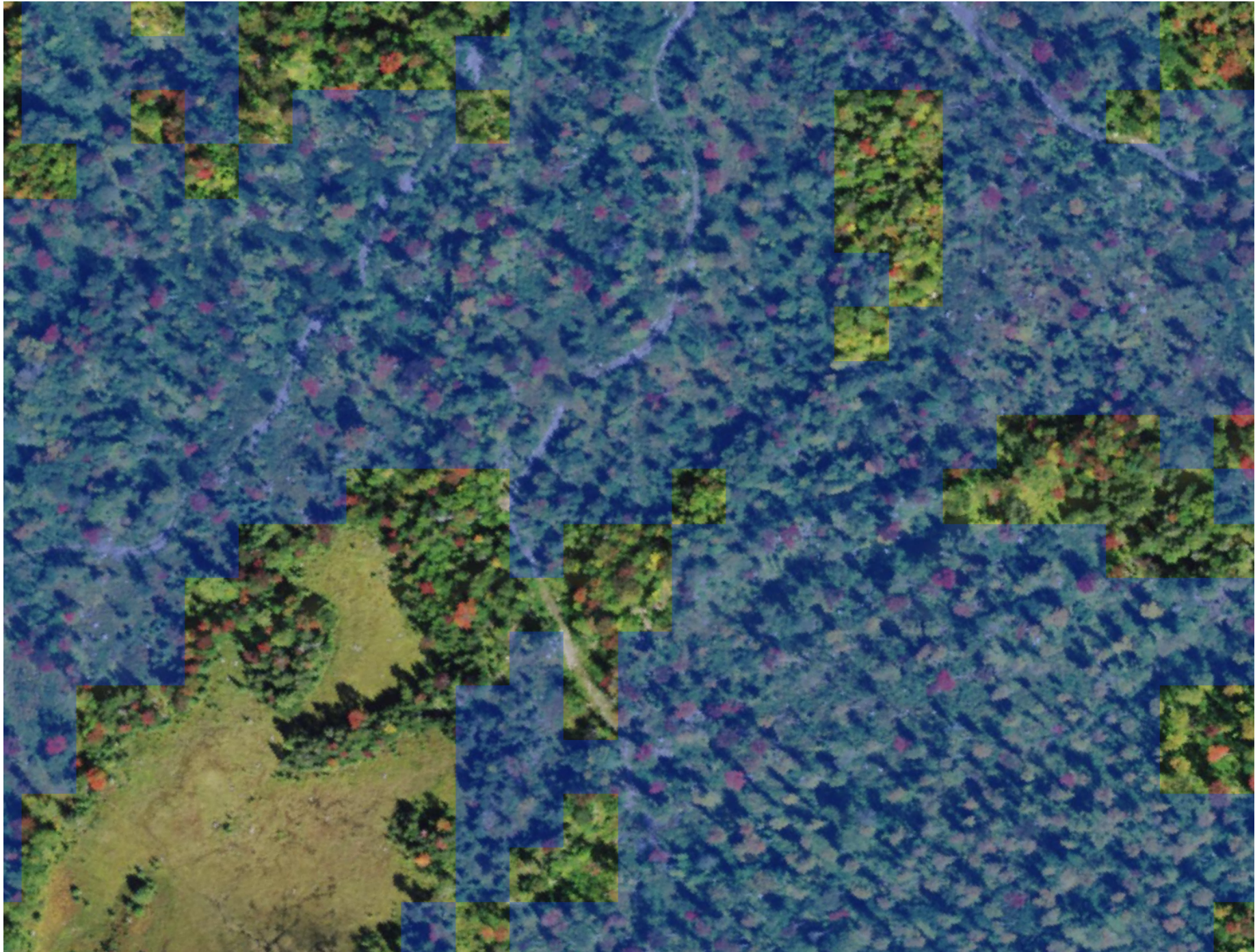


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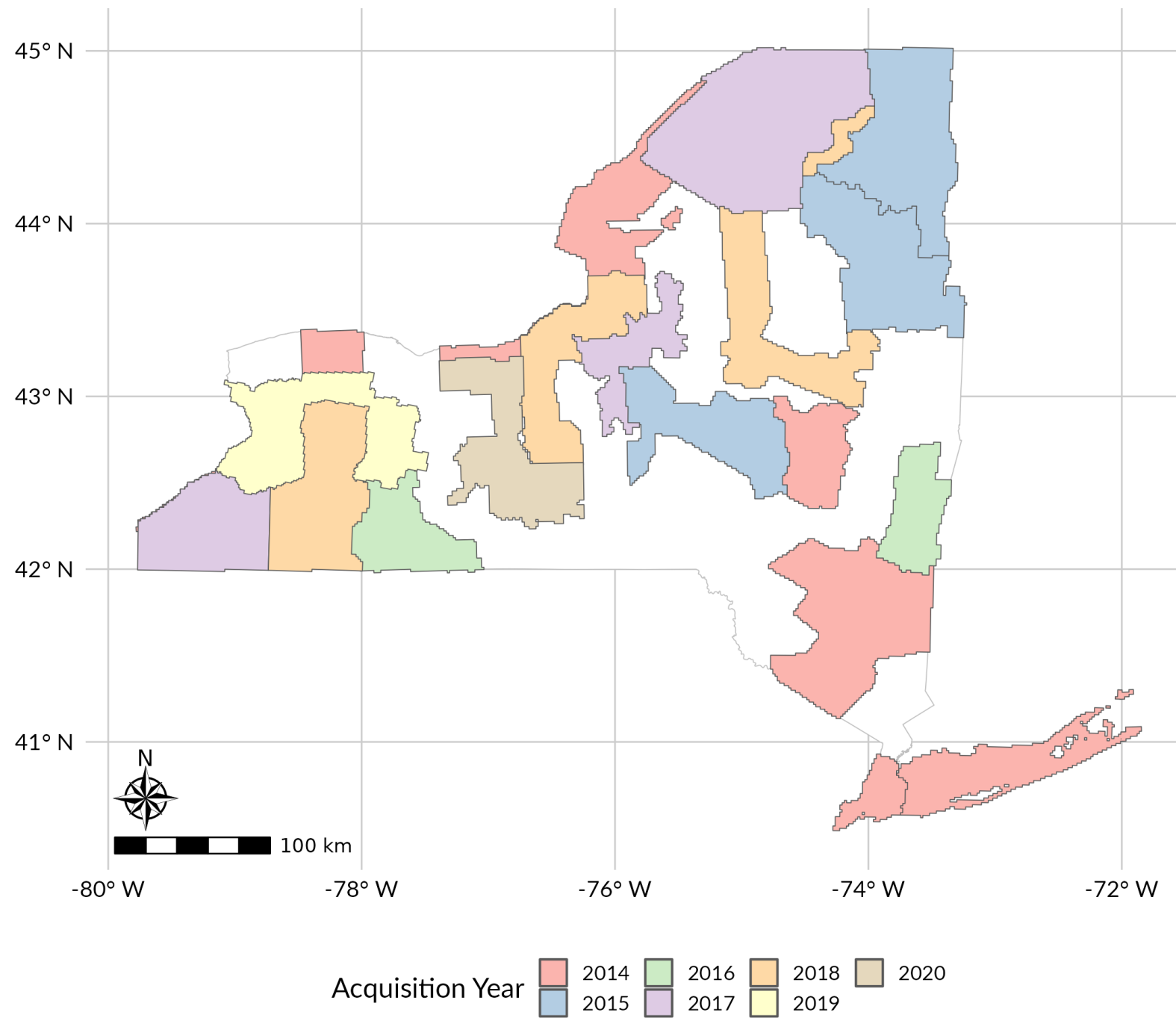


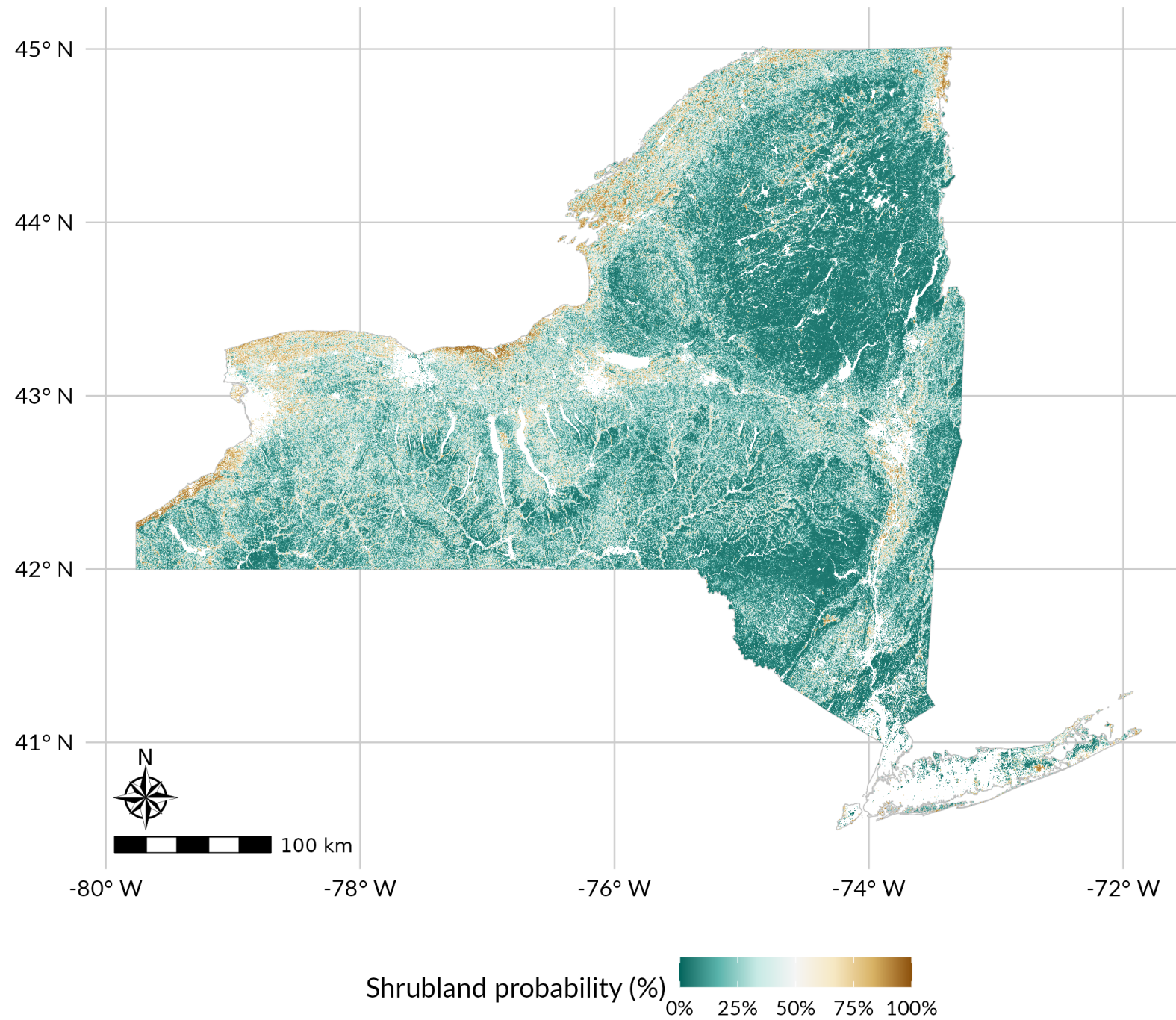


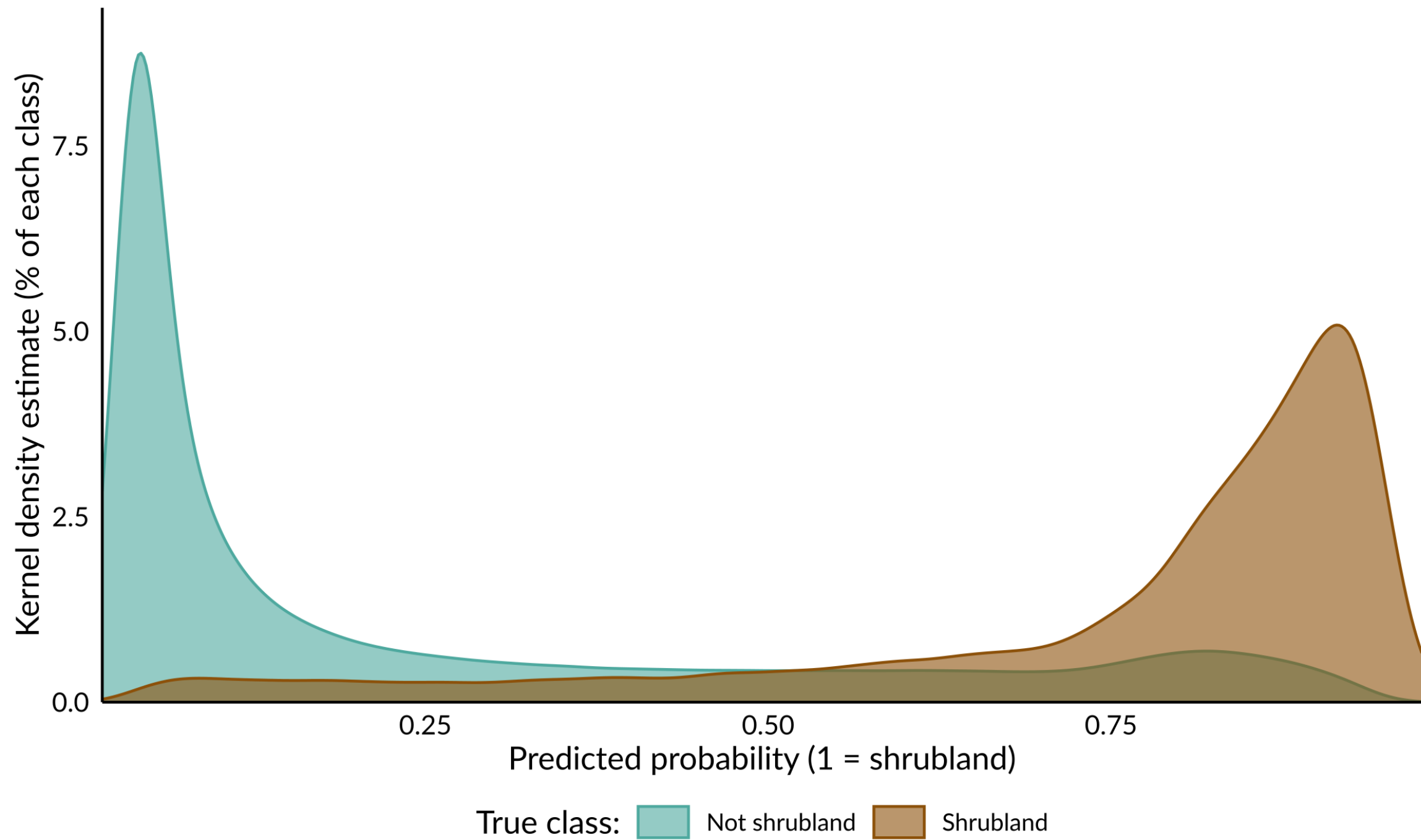
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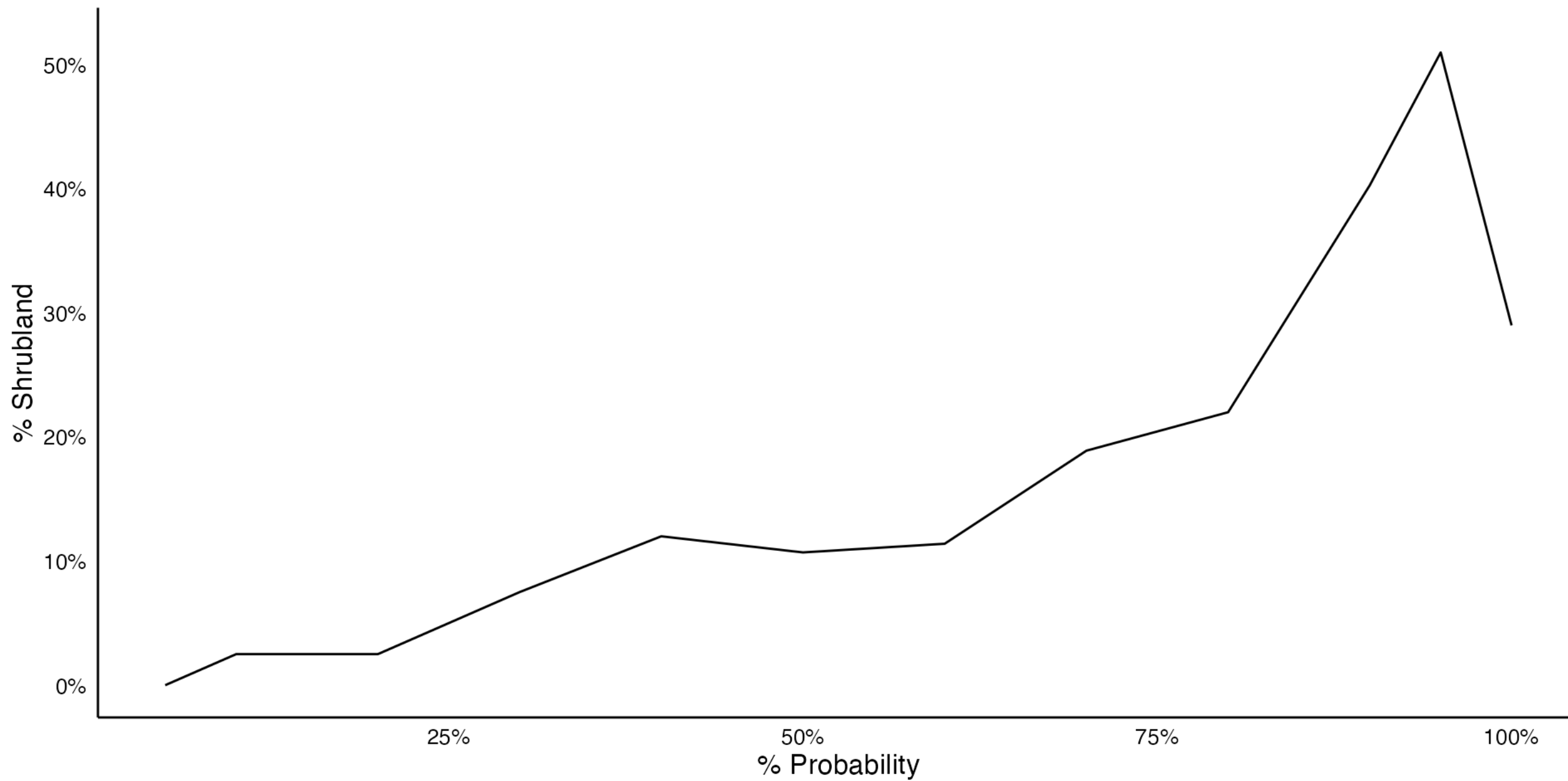


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Classification and mapping of low-statured shrubland cover types in post-agricultural landscapes of the US Northeast

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AI for shrubland identification and mapping

Thank you!

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Slides available at <https://mm218.dev/esip2023>

