

# 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](https://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





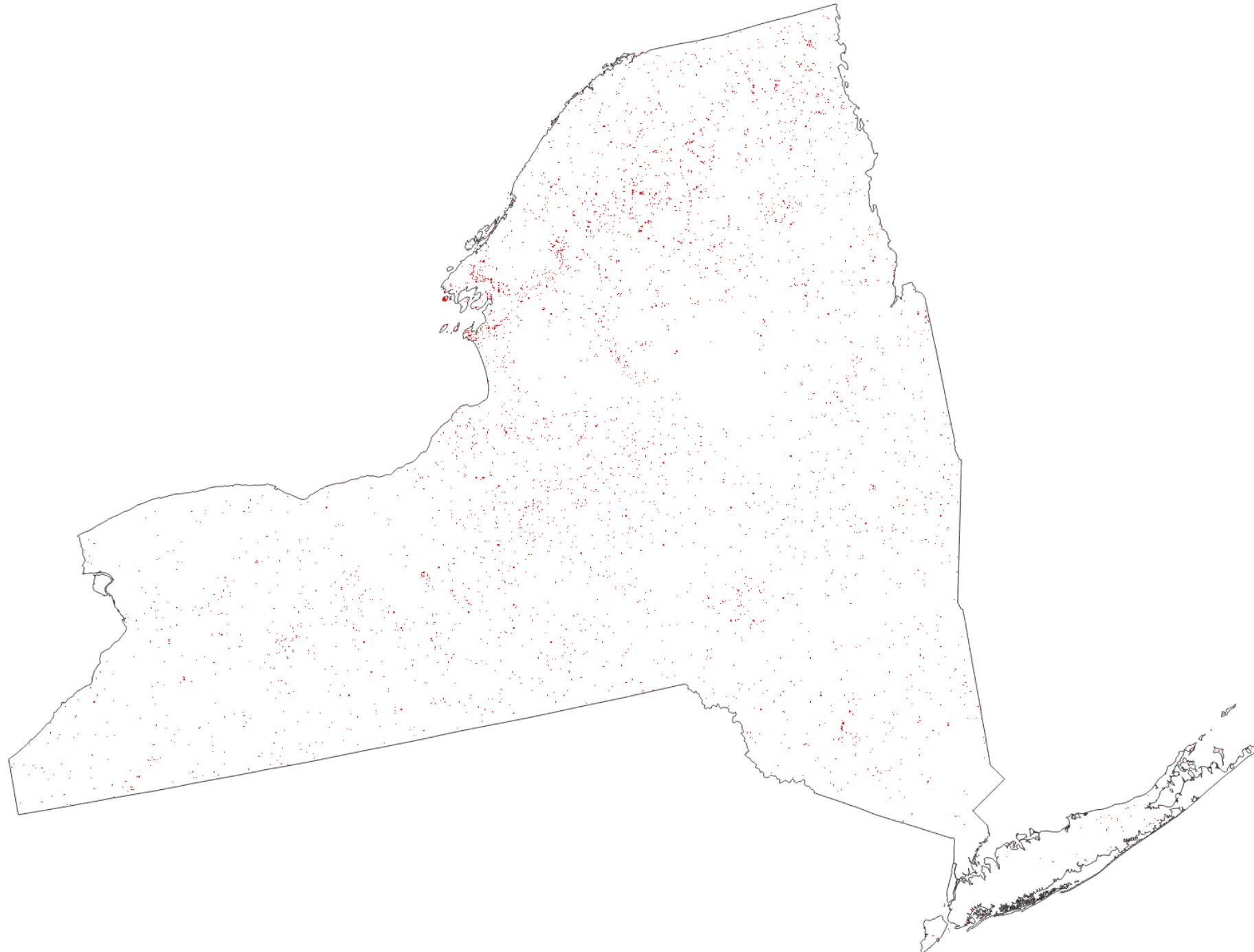
Mapping shrublands across New York State - <https://mm218.dev/esip2023>



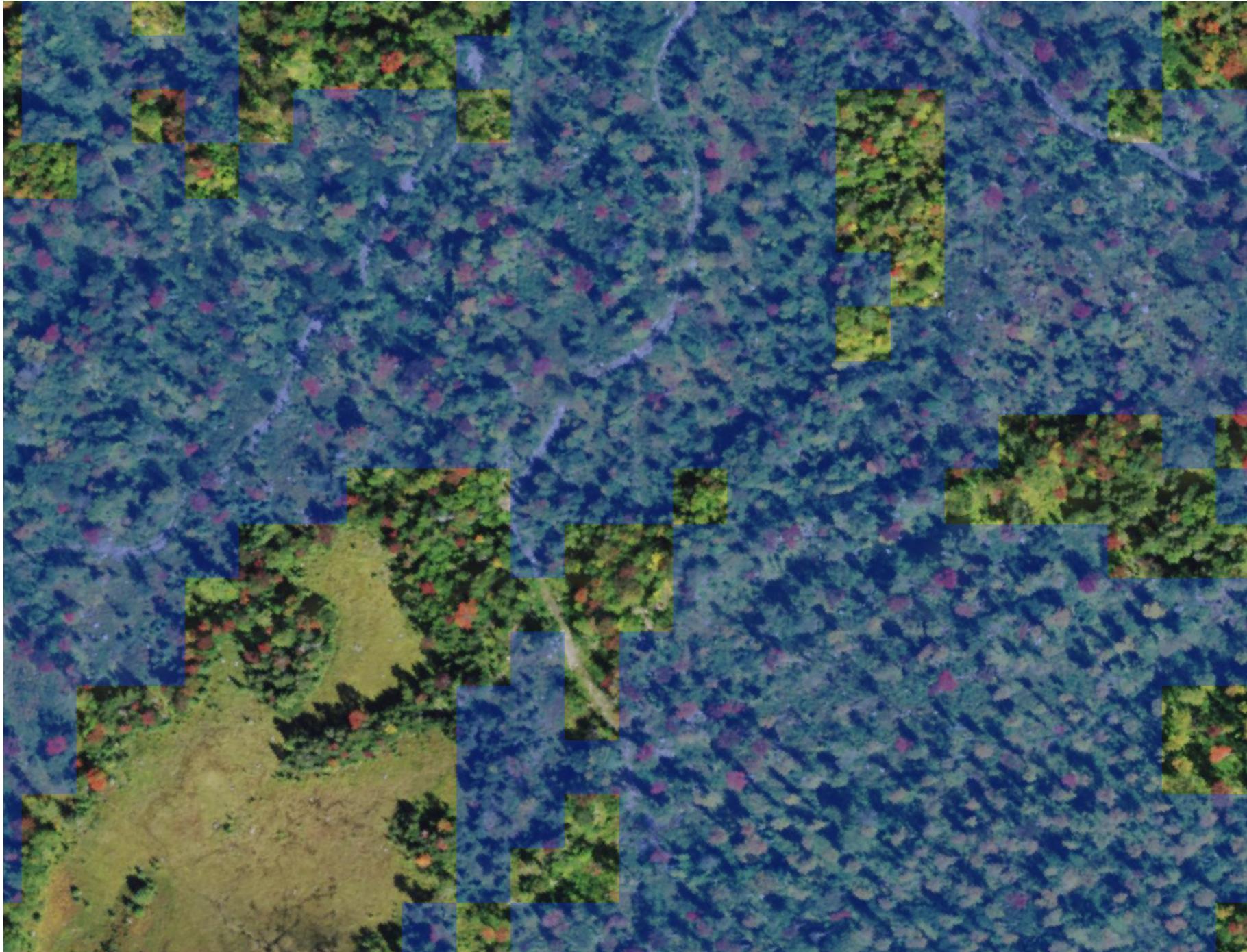
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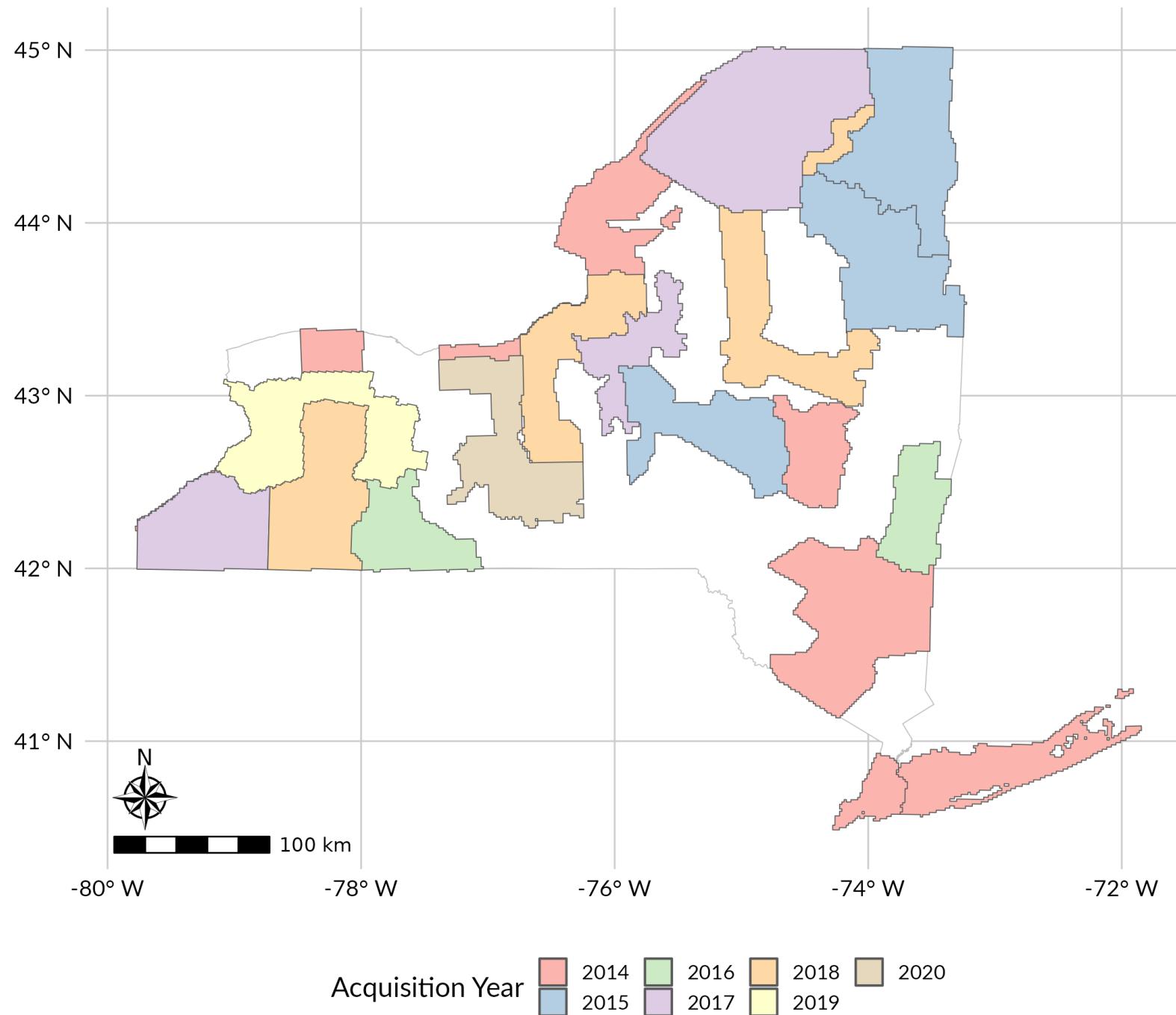
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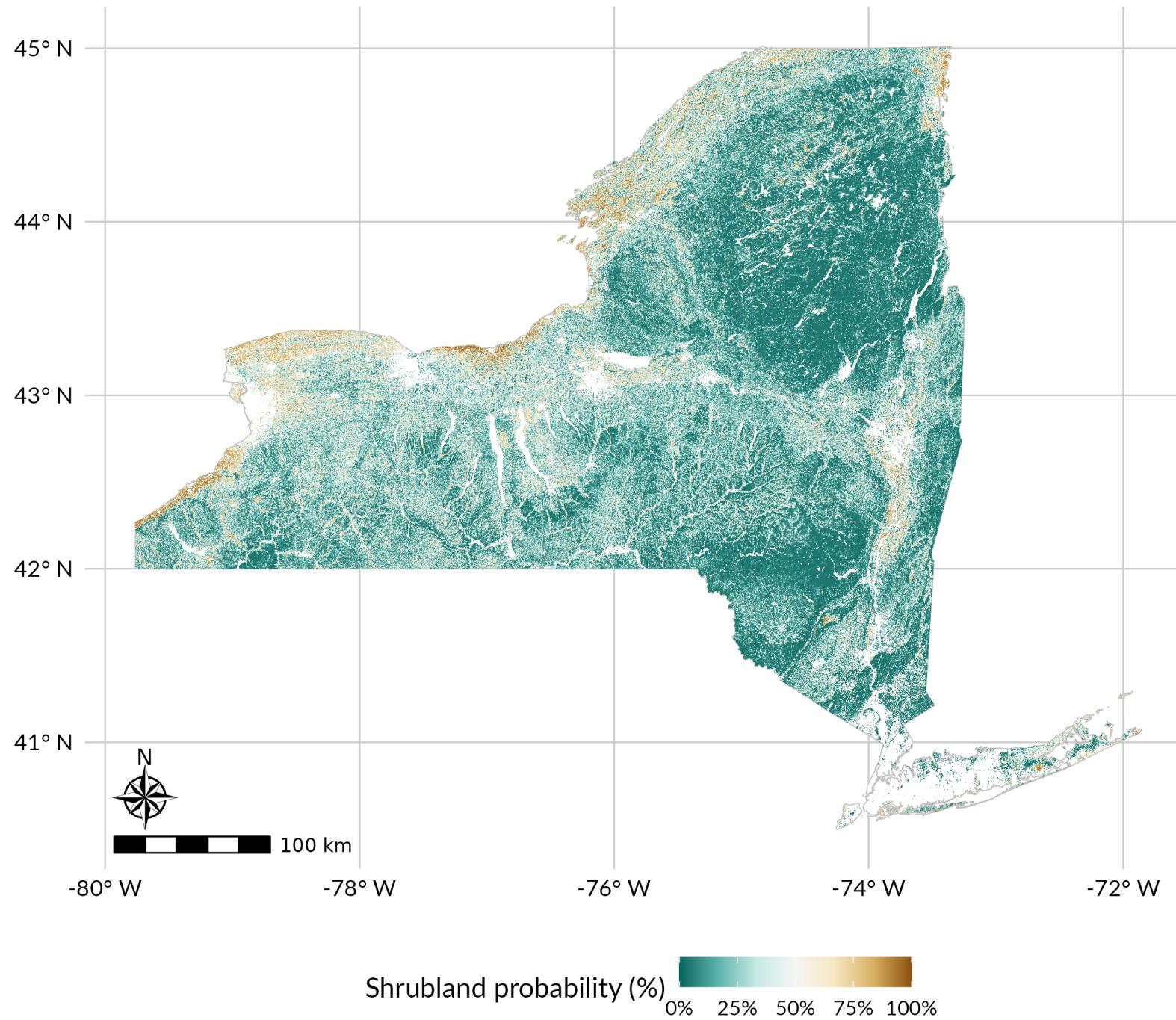


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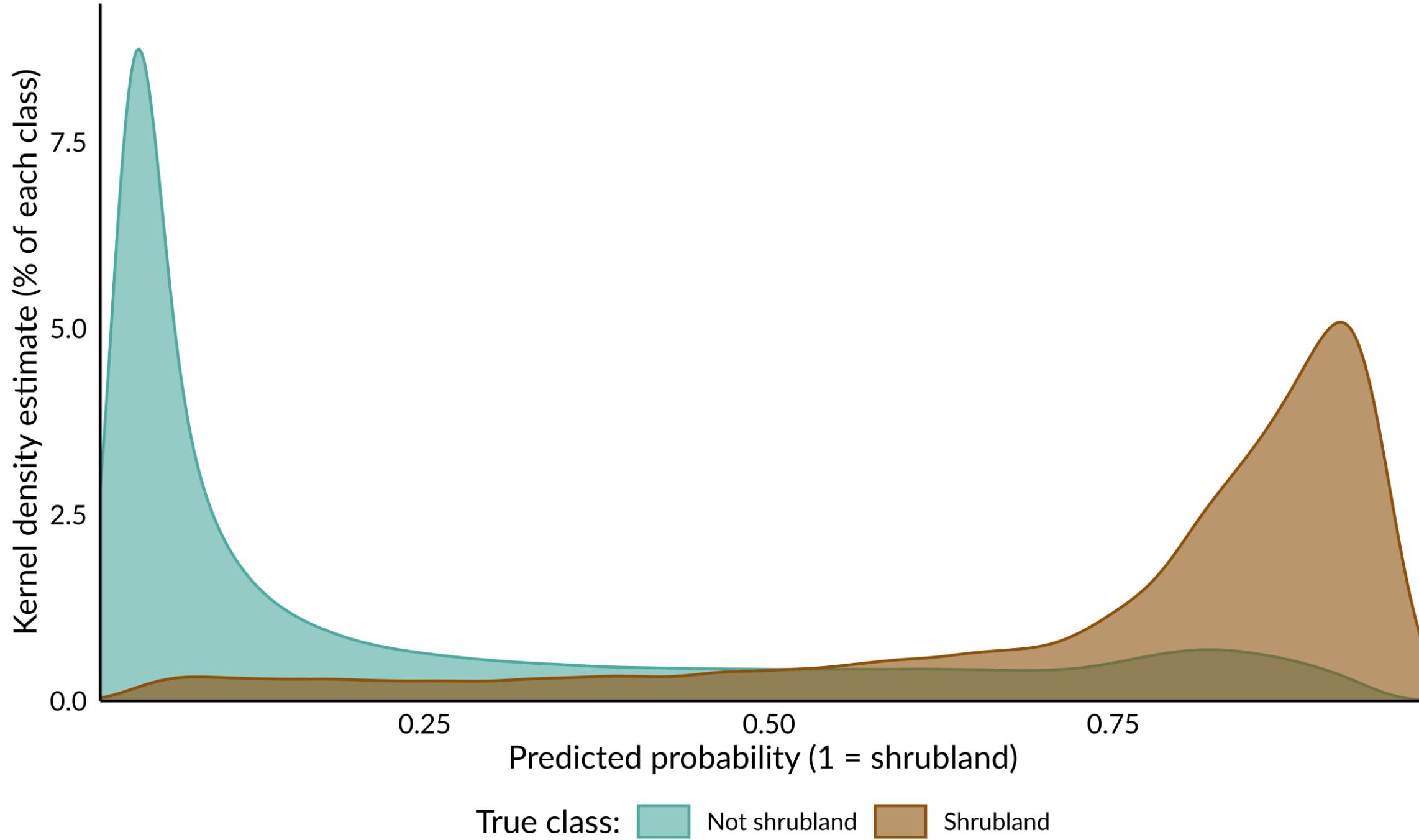


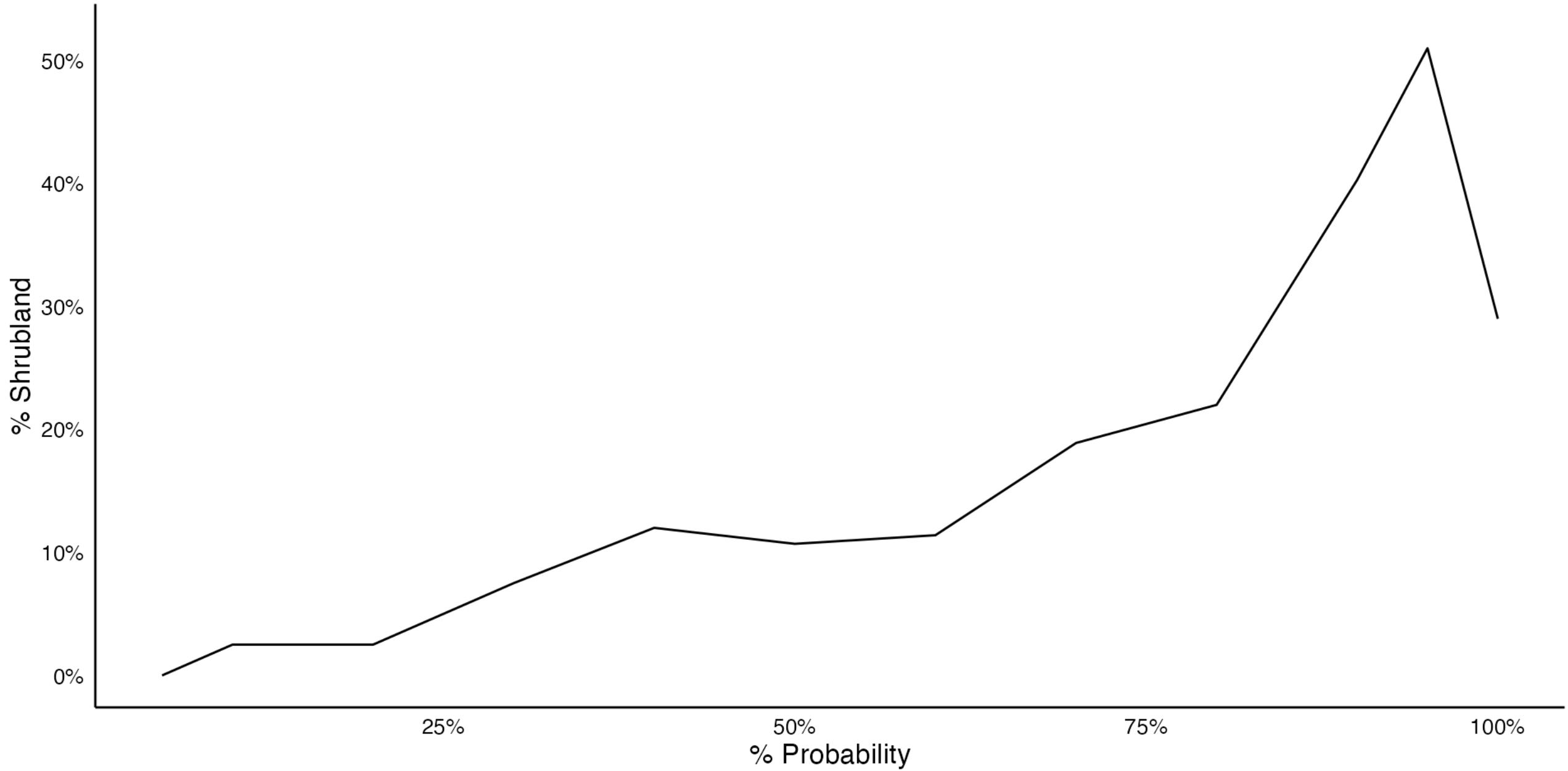
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## Classification and mapping of low-statured shrubland cover types in post-agricultural landscapes of the US Northeast

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AI for shrubland identification  
and mapping

# Thank you!

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