

Consistent Workflows for Assessing Model Performance

Tools and Applications to Natural Climate Solutions

Michael J Mahoney 

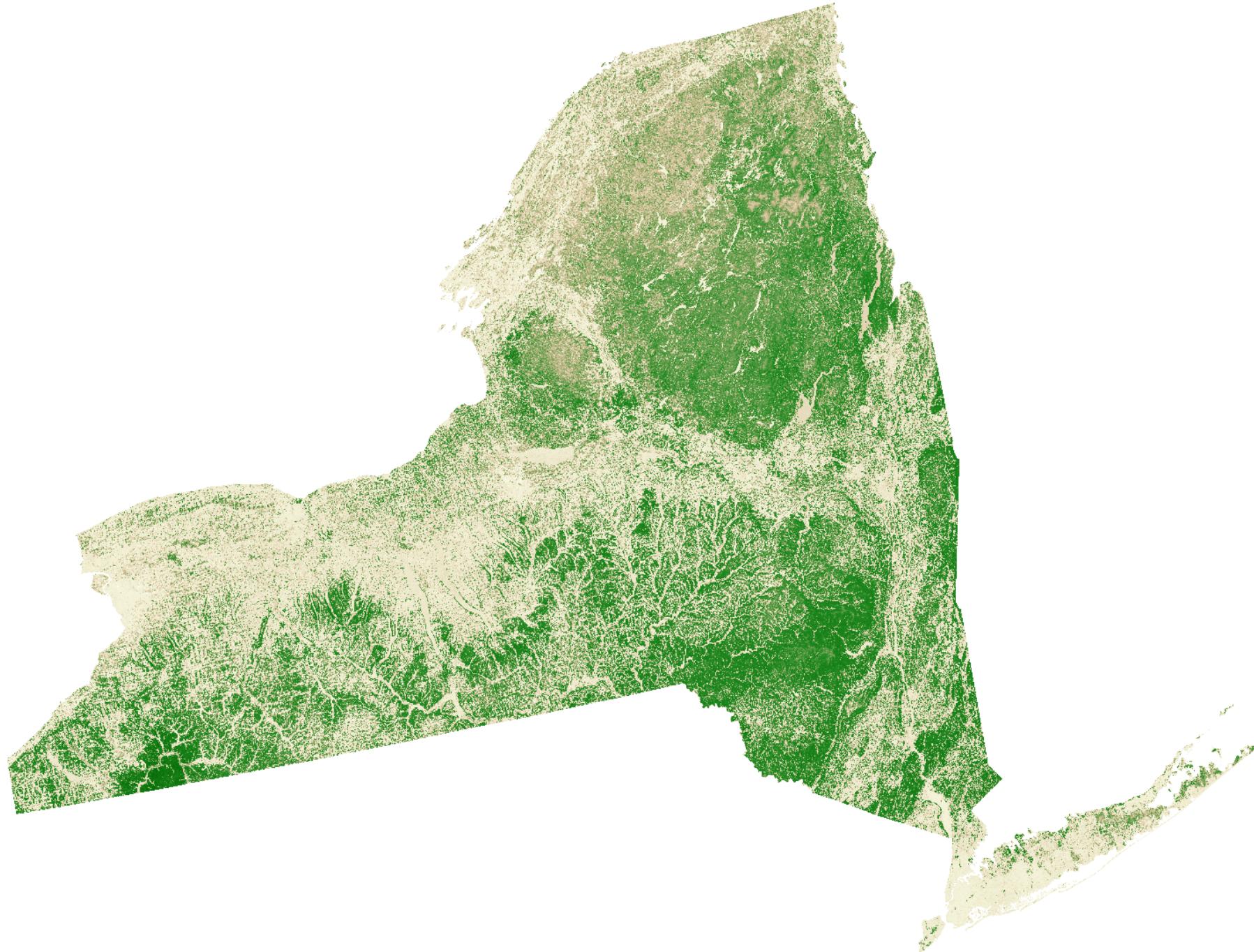
mjmahone@esf.edu

About Me

- Mike Mahoney
- PhD candidate in environmental science
- Research assistant, CAFRI
- Applied spatial ML, visualization
- These slides:
mm218.dev/agu2023waywiser



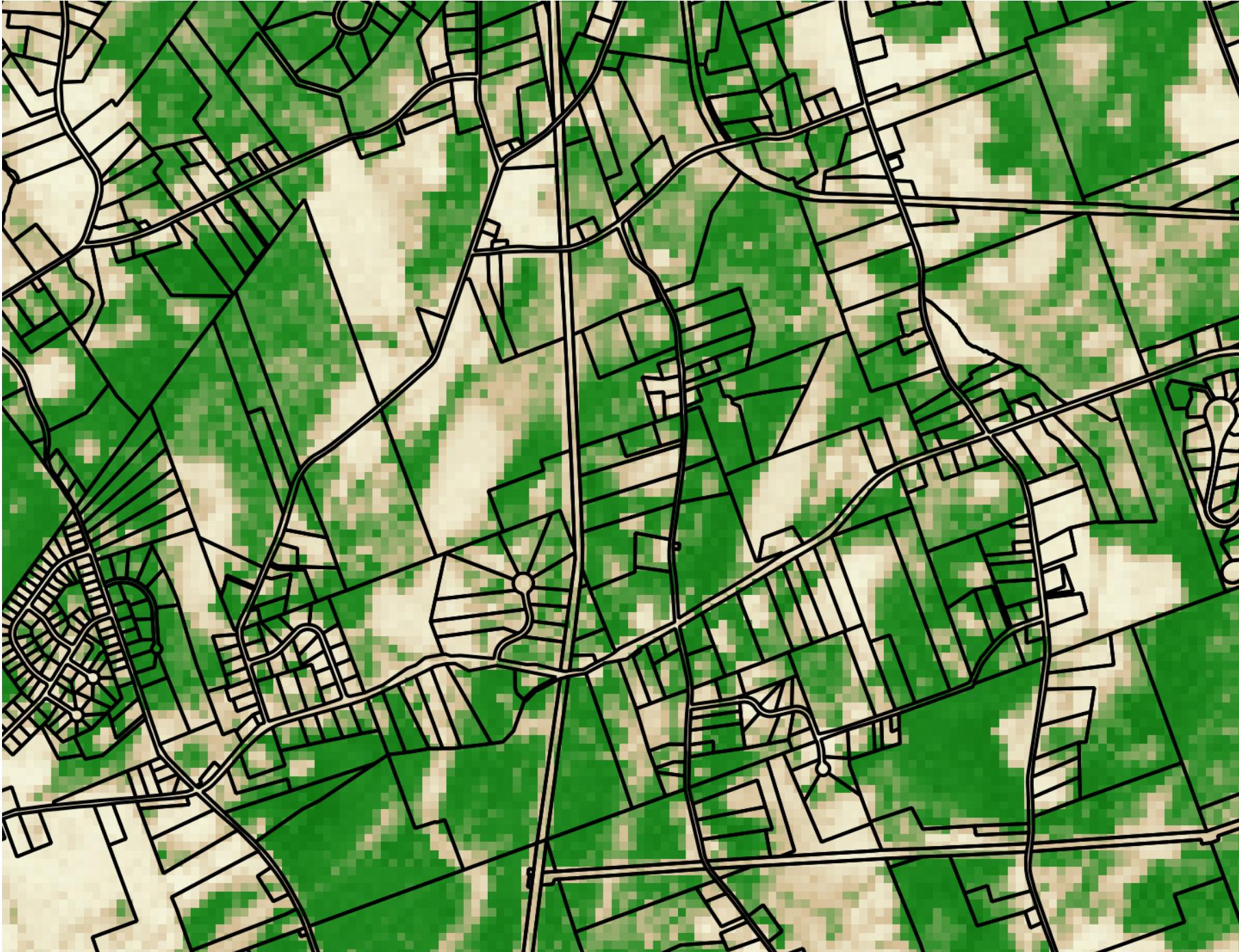
**Spatial models predict at
different resolutions than
stakeholders need**



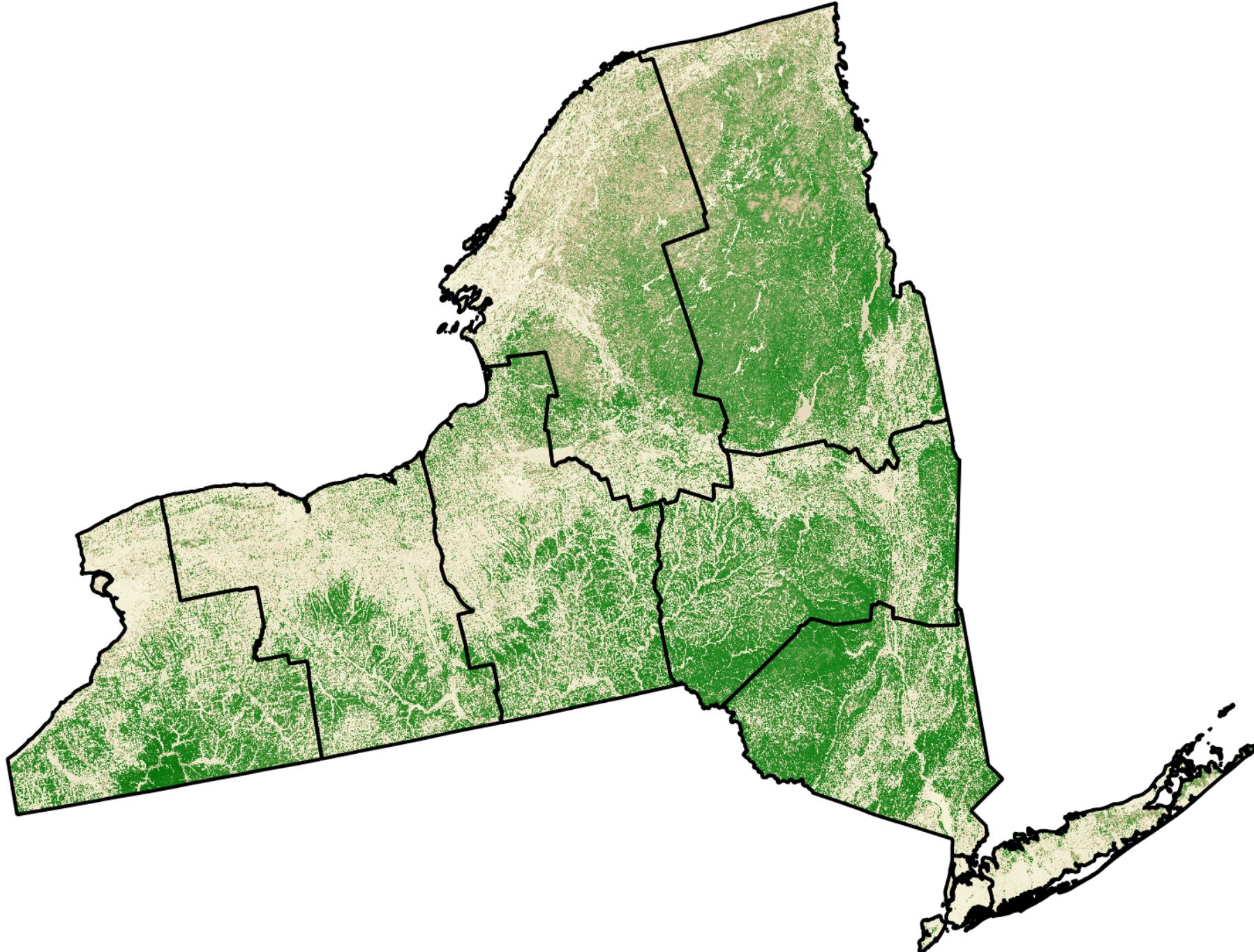
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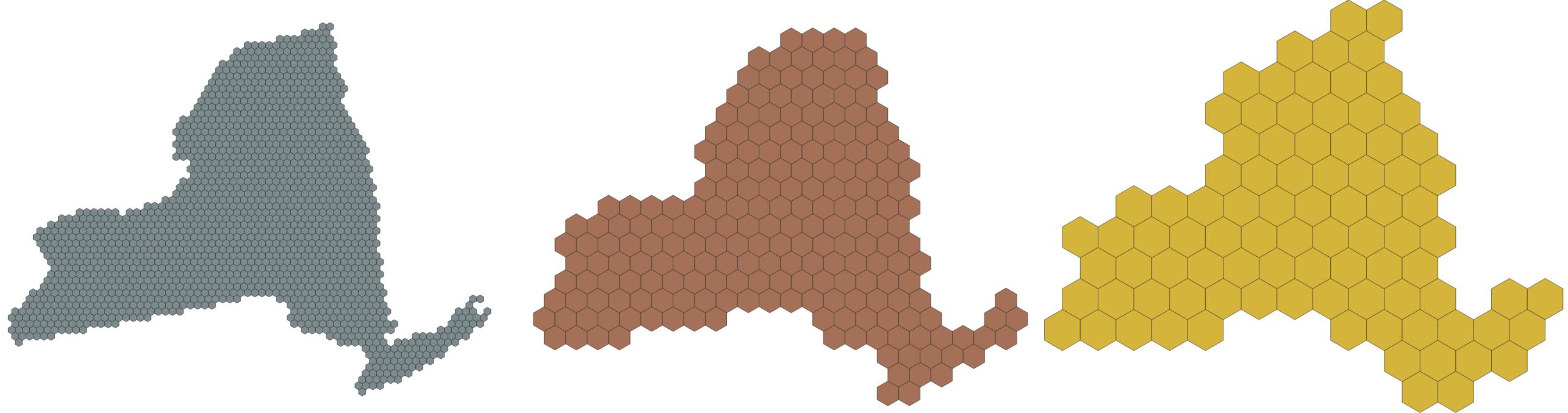
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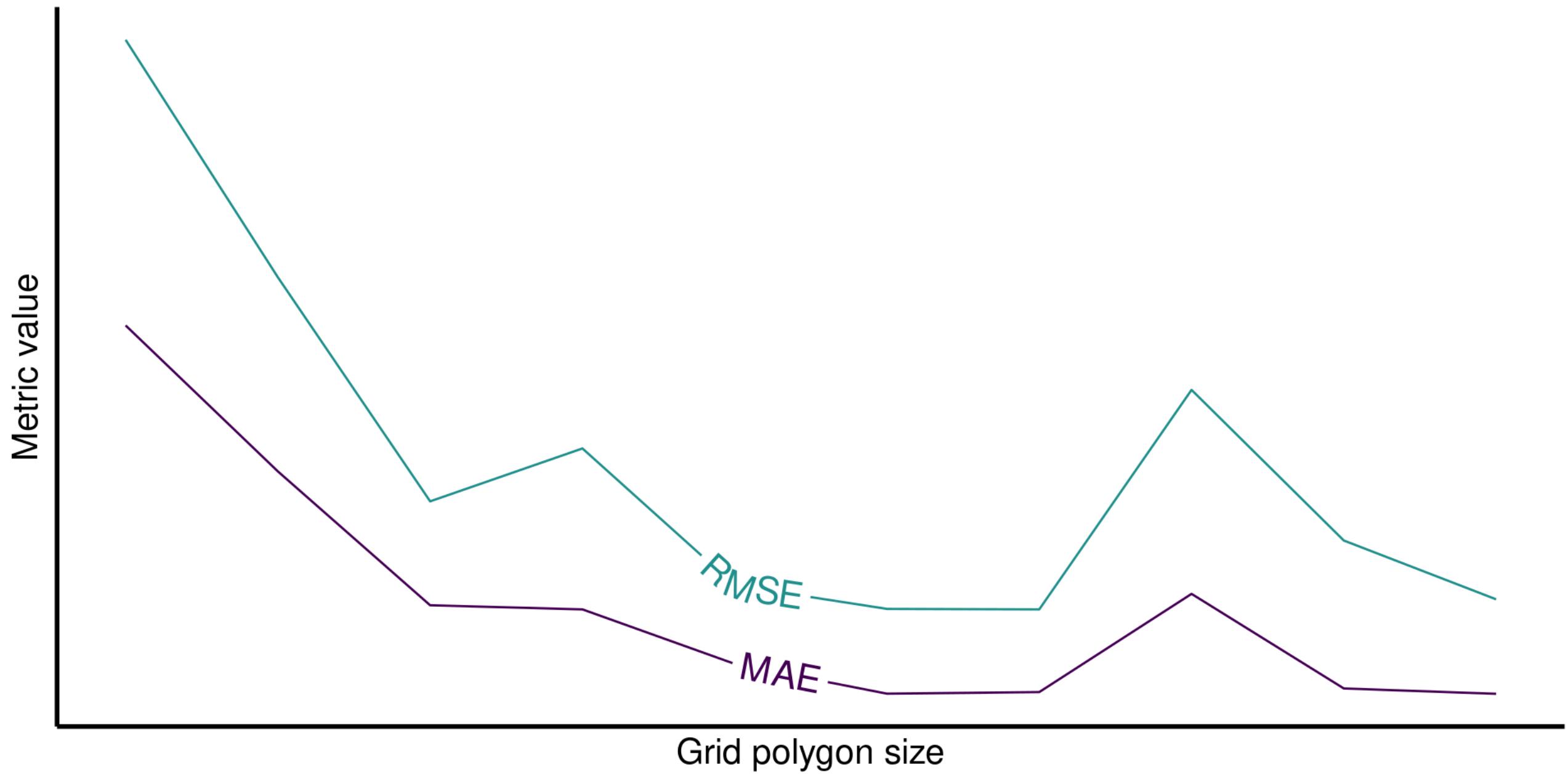


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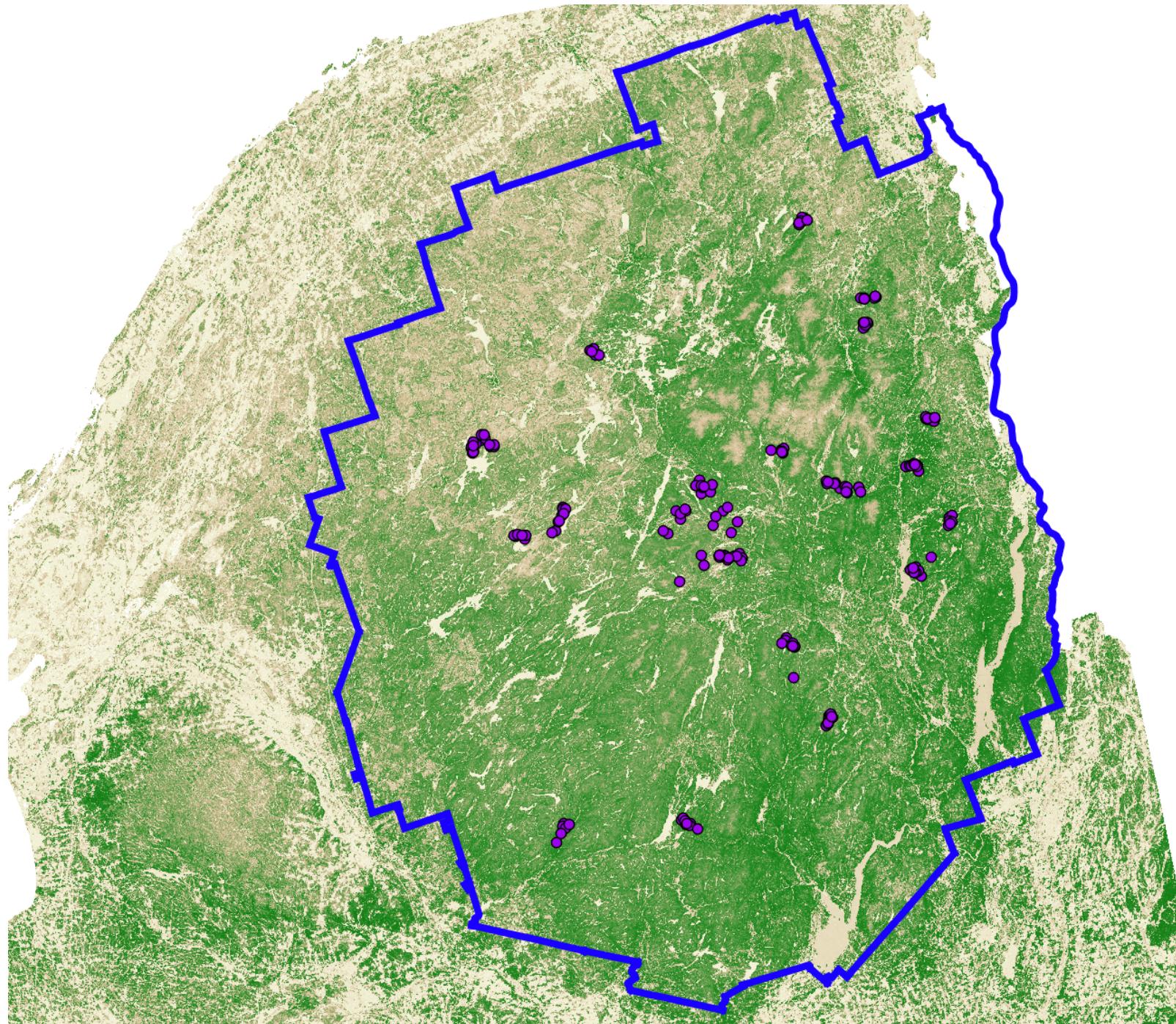


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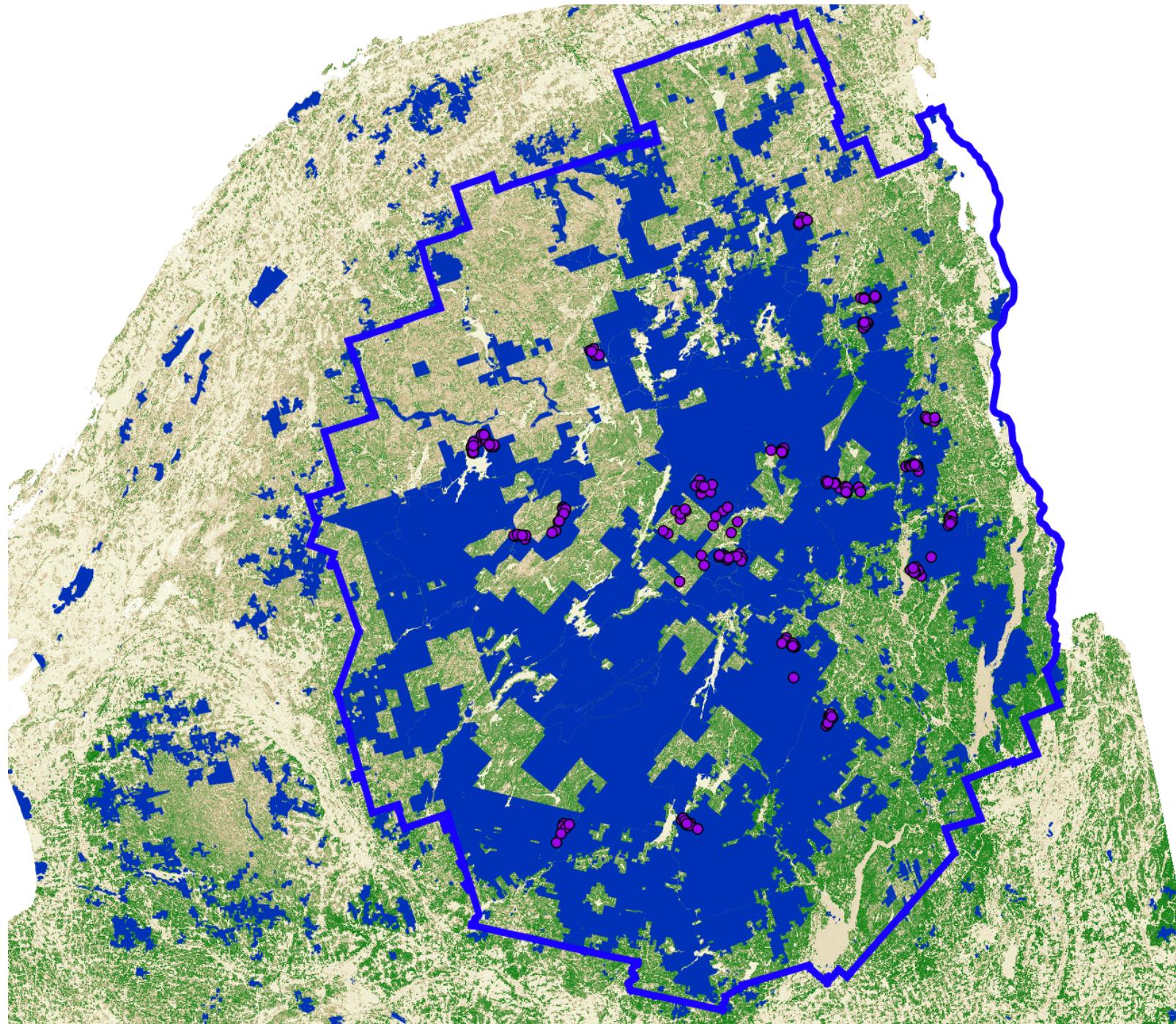




**Spatial models often rely
on convenience samples**



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RESEARCH ARTICLE

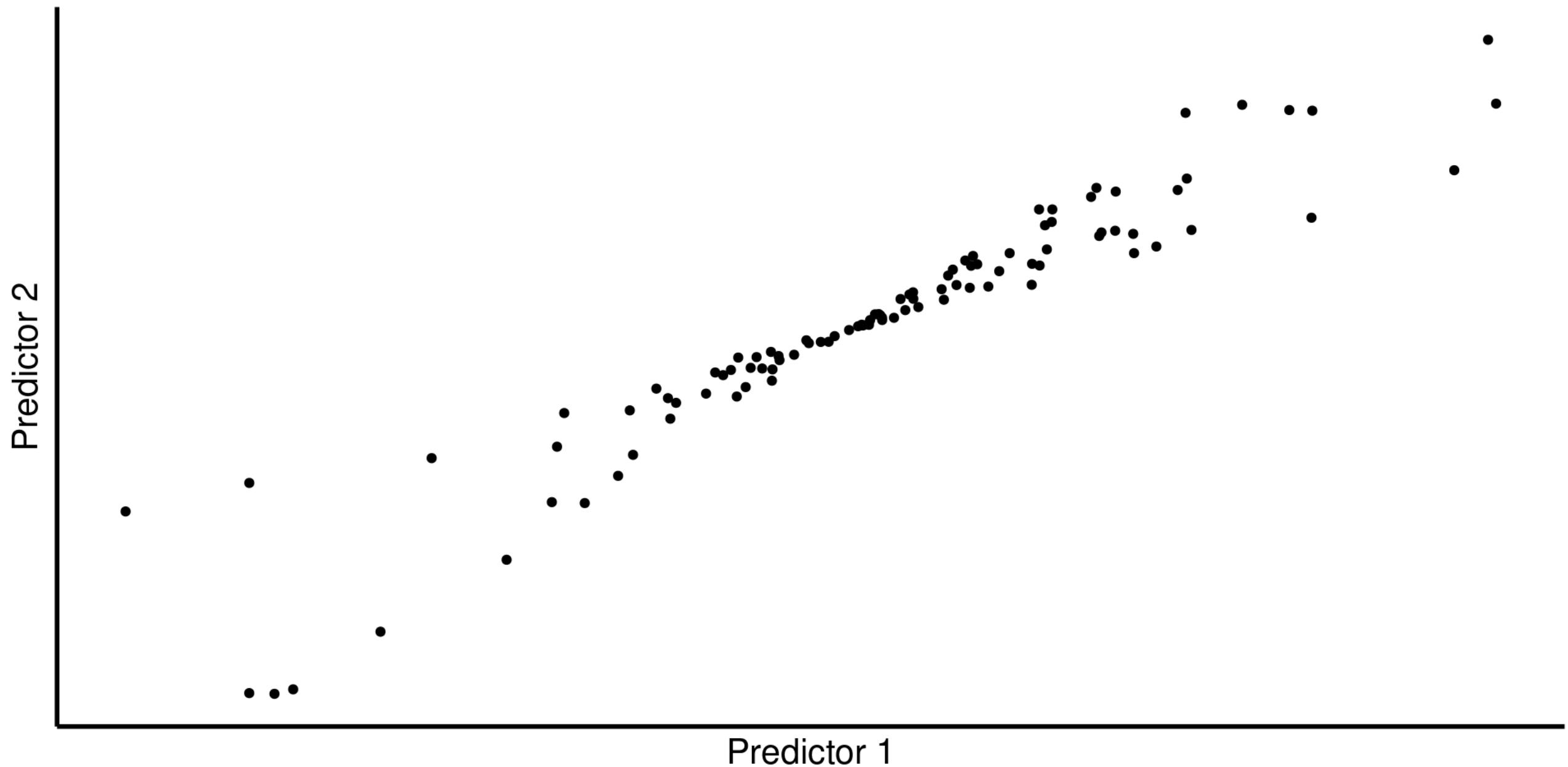
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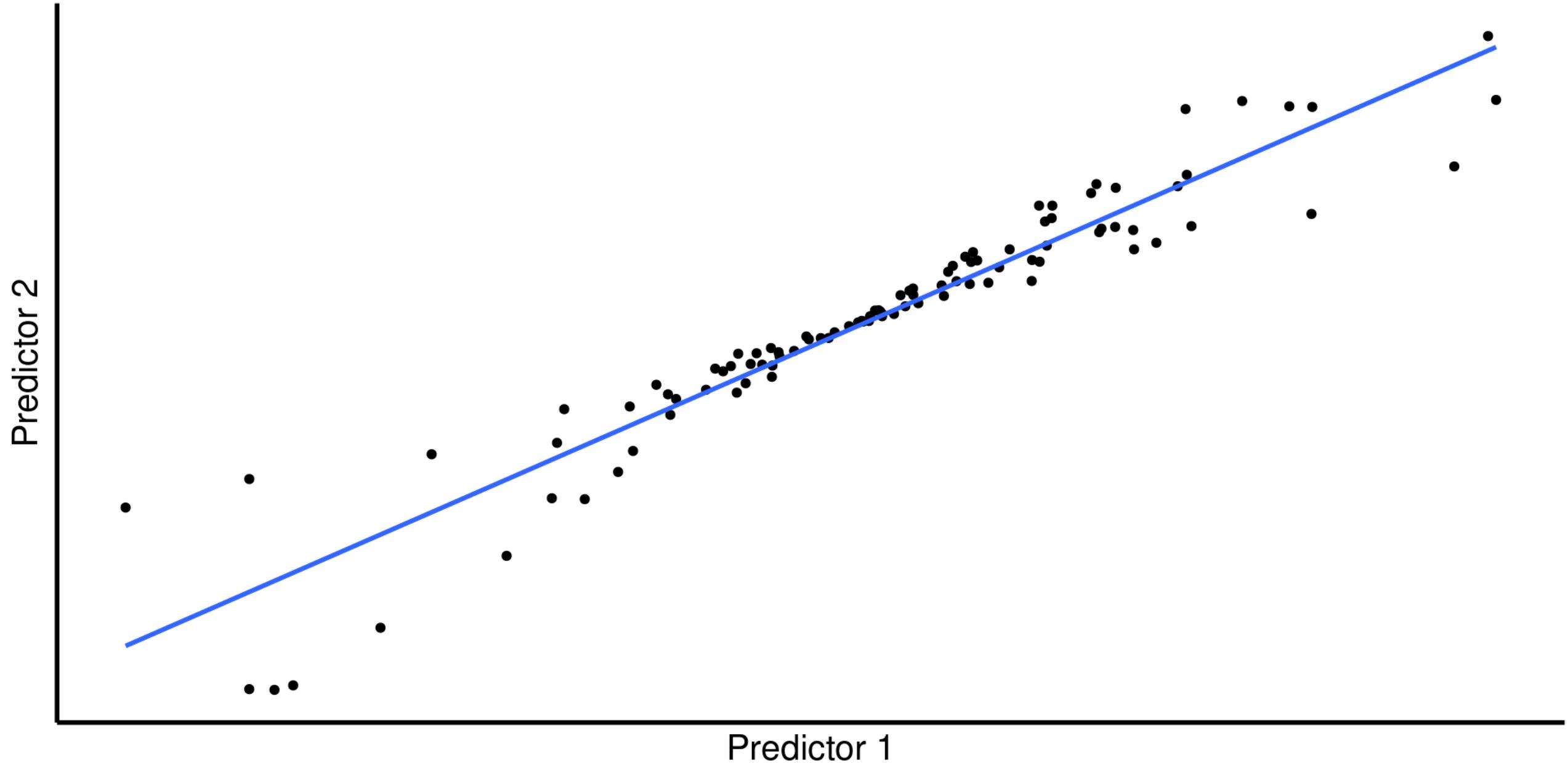


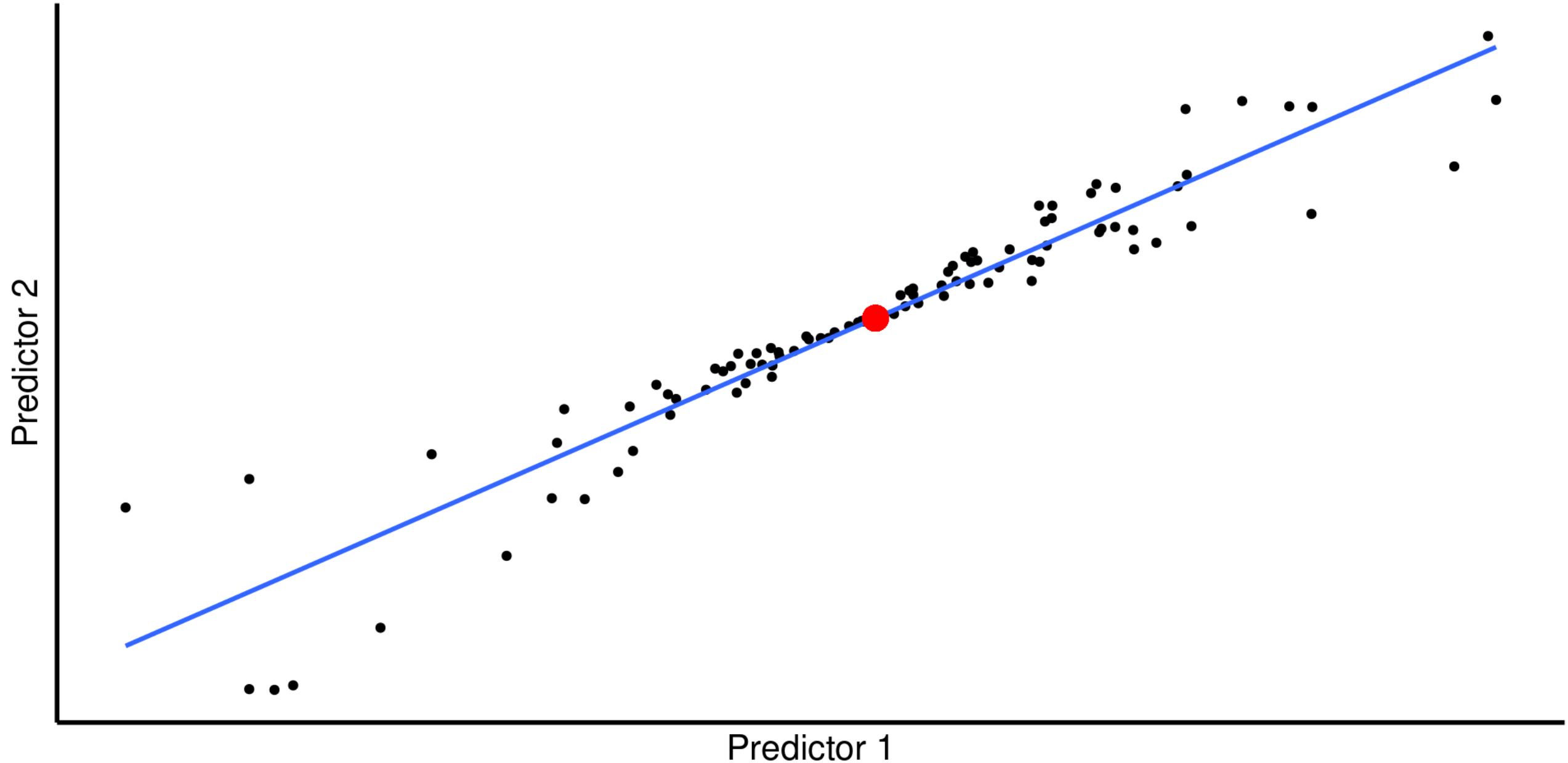
Predicting into unknown space? Estimating the area of applicability of spatial prediction models

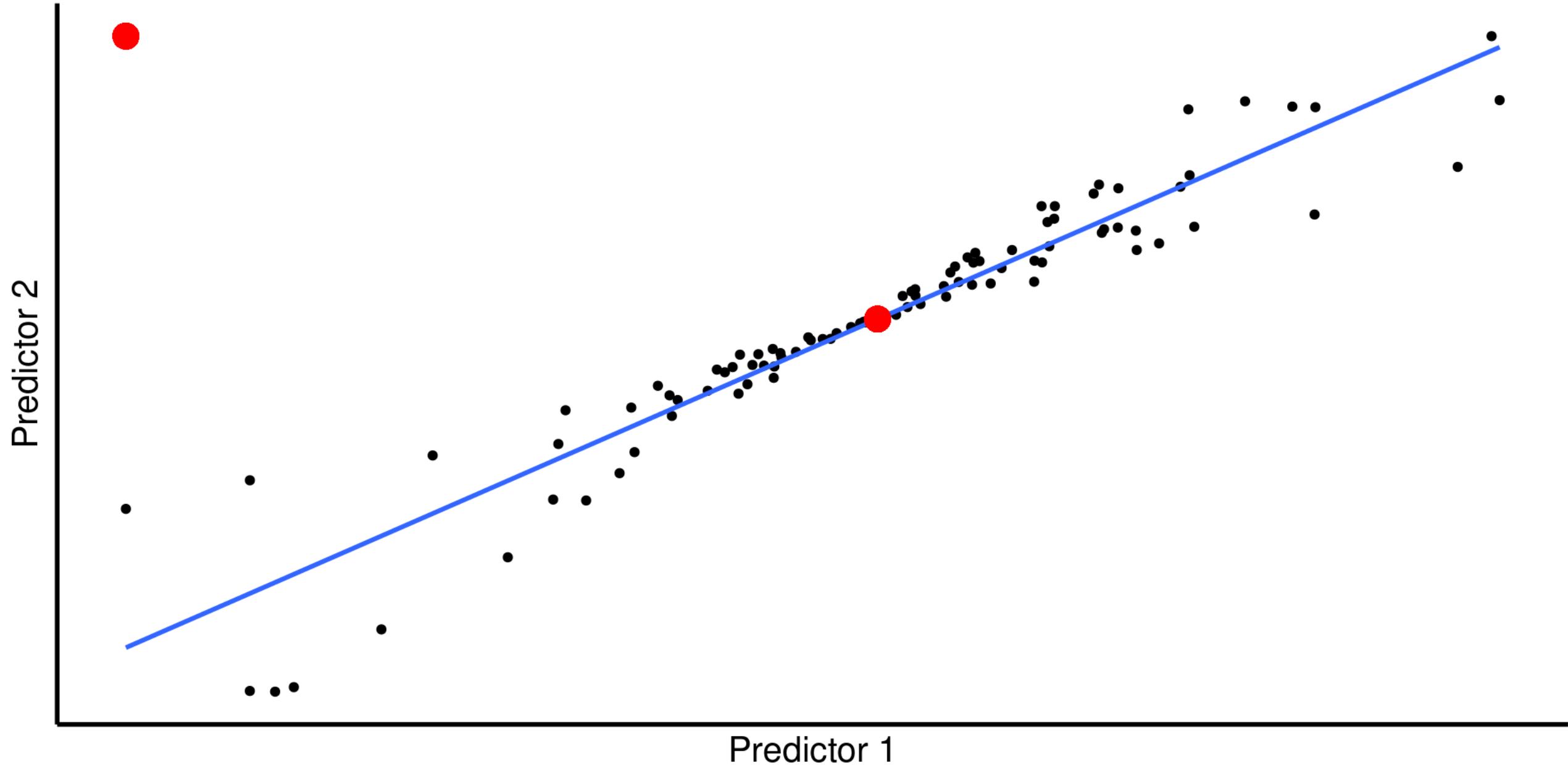
Hanna Meyer, Edzer Pebesma

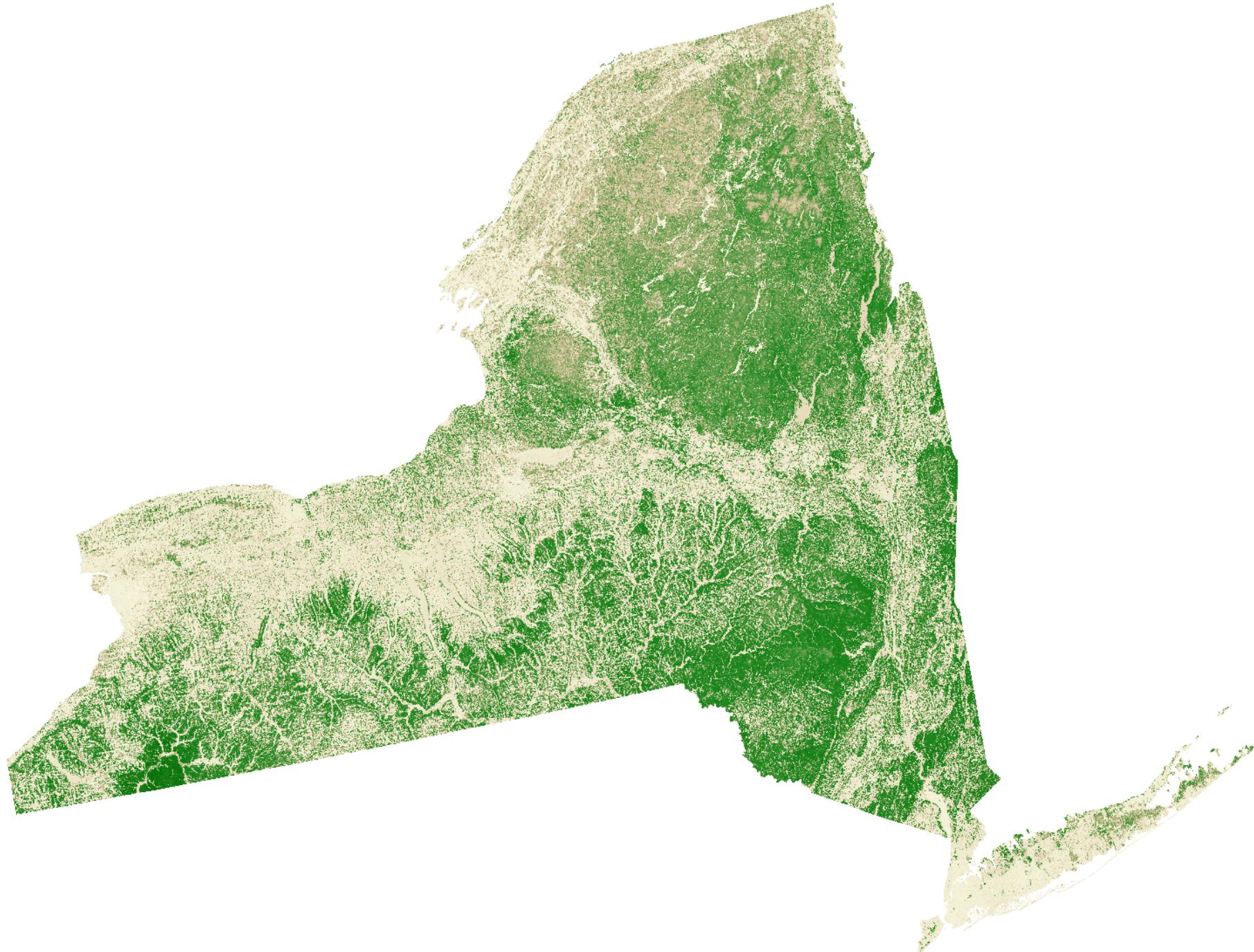
First published: 01 June 2021 | <https://doi.org/10.1111/2041-210X.13650> | Citations: 95











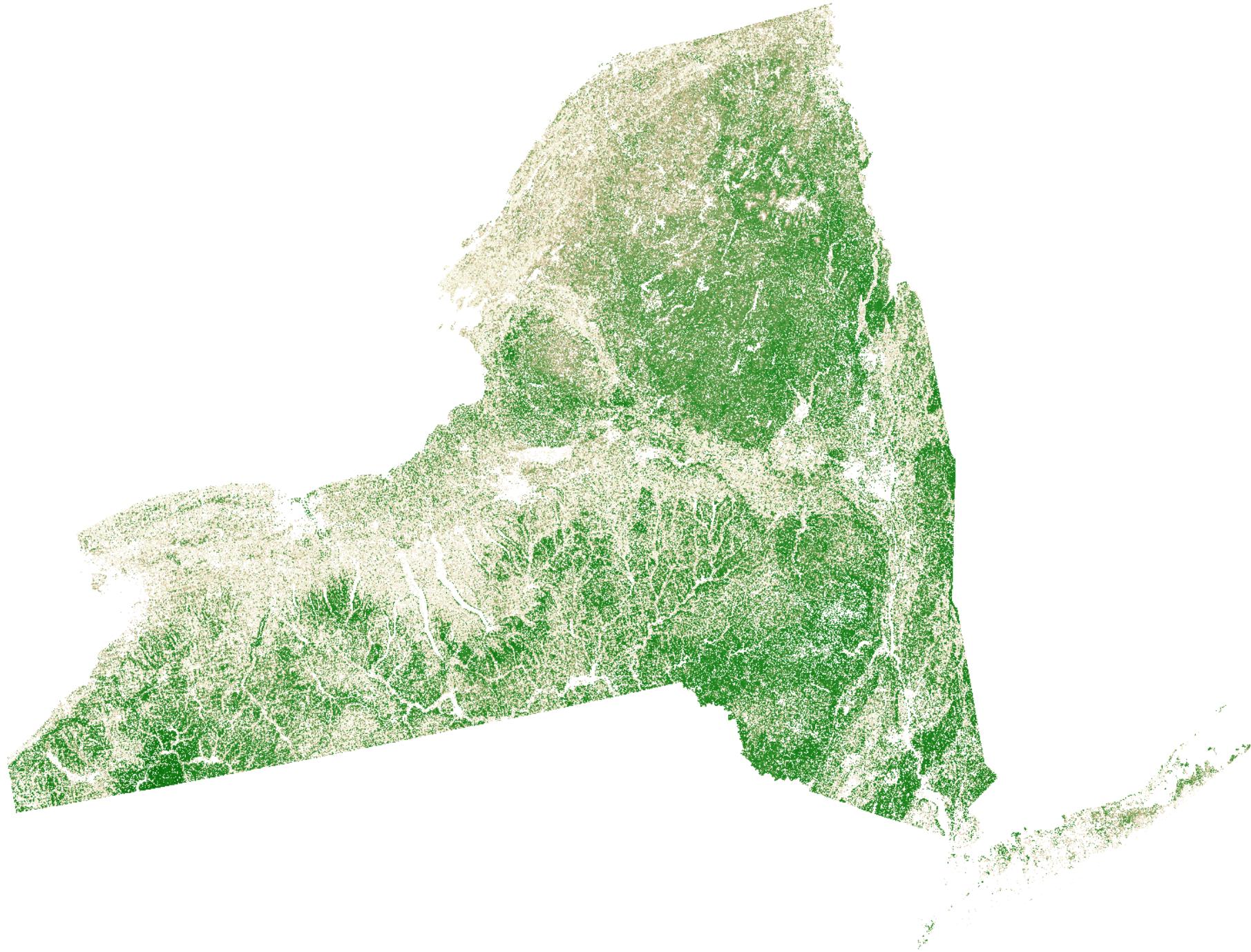
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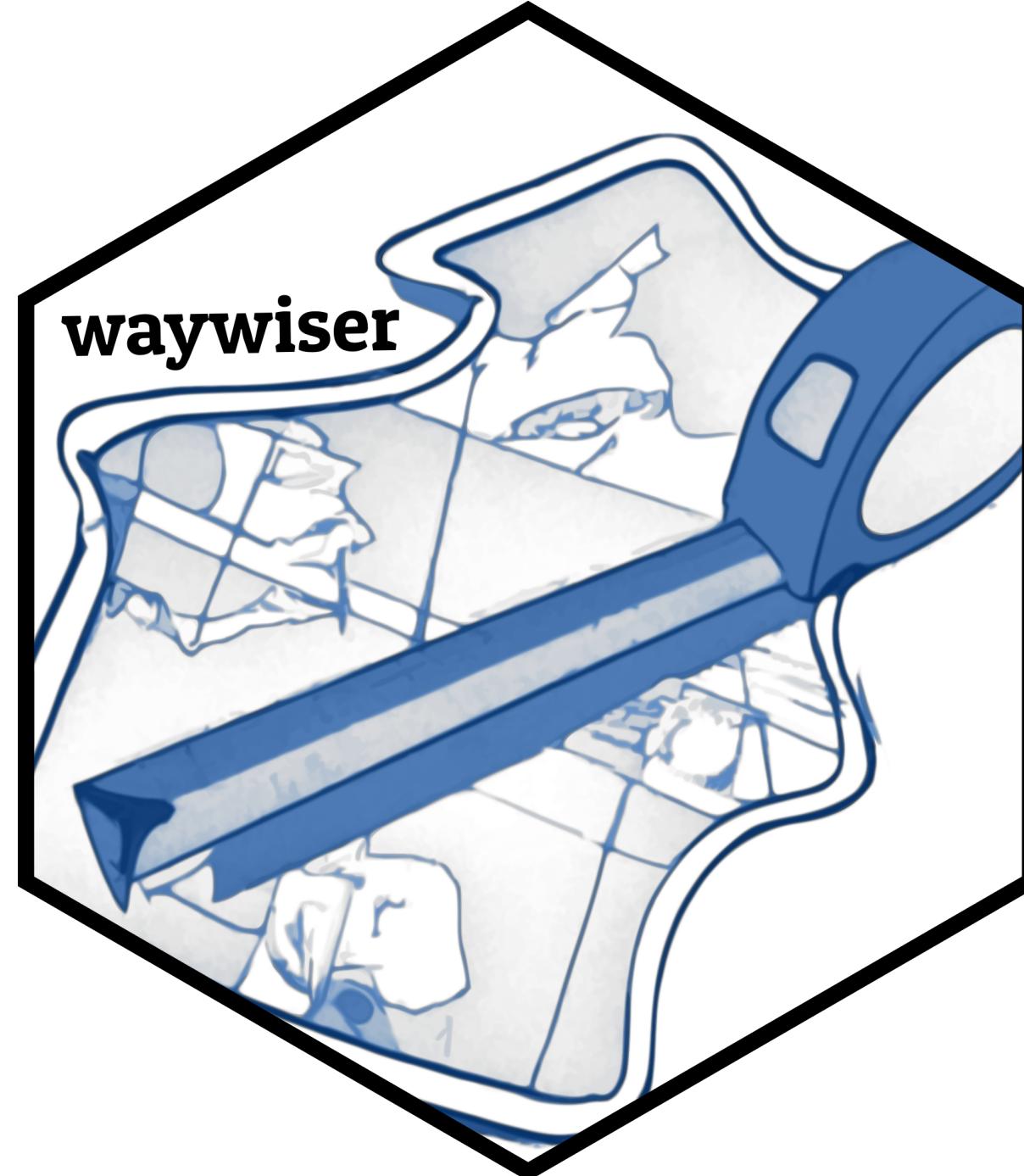
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Thank you!

Find me online:

 mm218.dev

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 @MikeMahoney218@fosstodon.org

waywiser package:



Methods preprint:

