

<b>Team name</b> Empirical buzz		
<b>Team leader</b>		
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<b>Other team members</b>		
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<b>Model description</b> Provide a brief summary of the model methods with sufficient detail for another modeler to understand the approach being applied. If multiple models are used, describe each model and how they were combined.		
<p>We generated historical empirical distributions of human neuroinvasive West Nile virus cases at the county, state and national scale from 2003 to 2018. Using these distributions we determined the optimal weighting between the different spatial scales to forecast probabilities of the number of human neuroinvasive West Nile virus cases. Our current model weights 0.7, 0.2 and 0.1 to the county, state and national distribution, respectively.</p>		

<b>Variables</b> List each variable used and its temporal relationship to the forecast. If multiple models are used, specify which enter into each model.	
1. Historical annual West Nile virus human cases	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	
<b>Computational resources</b> Describe the programming languages and software tools that were used to write and execute the forecasts.	
Data analysis was done in MATLAB.	
<b>Publications</b> Note whether the model was derived from previously published work and, if so, provide references.	
To our knowledge this model has not previously been published.	
<b>Participation agreement</b> By submitting these forecasts, the team agrees to abide by the project rules and data use agreements.	
Team lead name	Date
Nicholas DeFelice	4/27/2020