

SUPPLEMENTAL MATERIALS FOR
MAPPING LEXICAL INNOVATION ON AMERICAN SOCIAL MEDIA

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APPENDIX I

Lexical emergence maps for the 54 emerging words

Based on a 3rd quartile relative frequency threshold

APPENDIX II

Getis-Ord G_i^* local spatial autocorrelation maps for the 54 lexical emergence maps

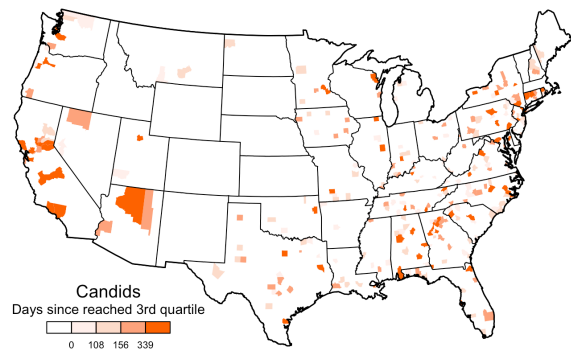
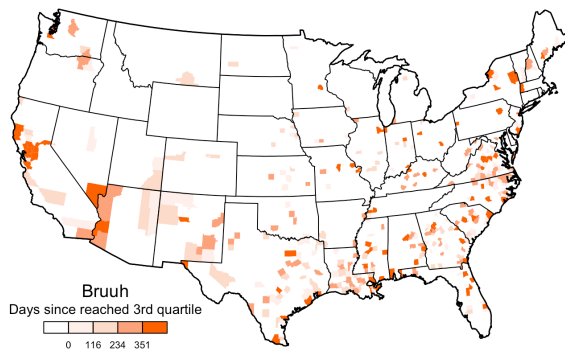
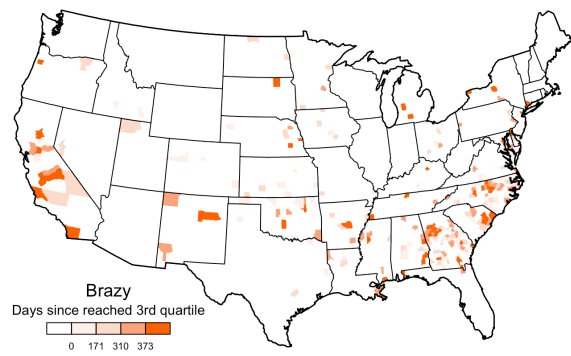
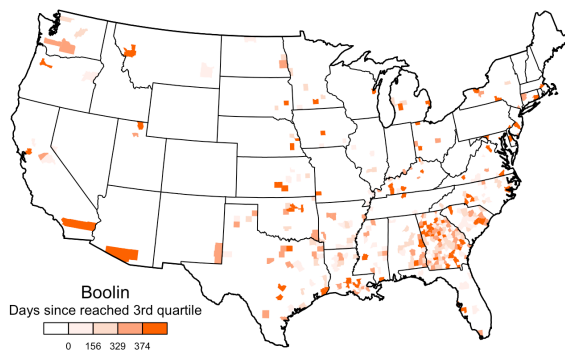
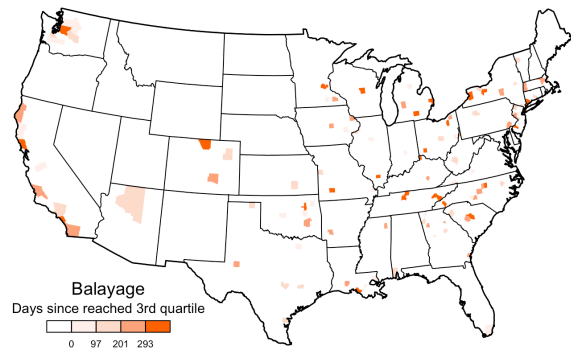
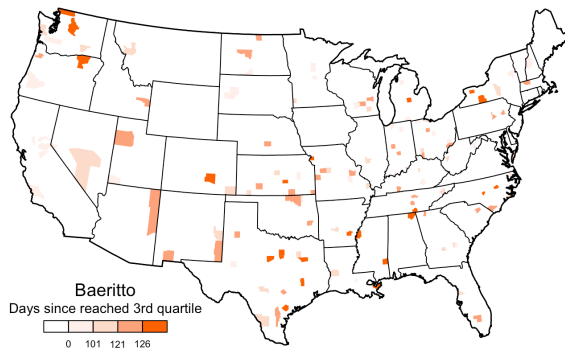
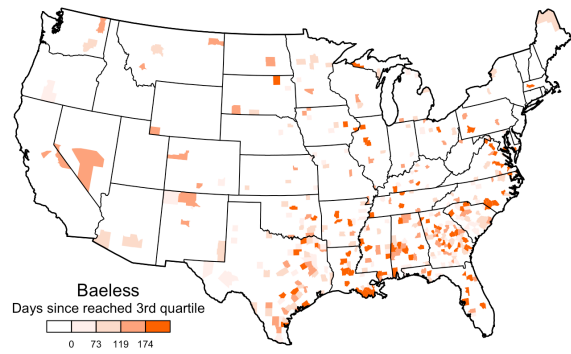
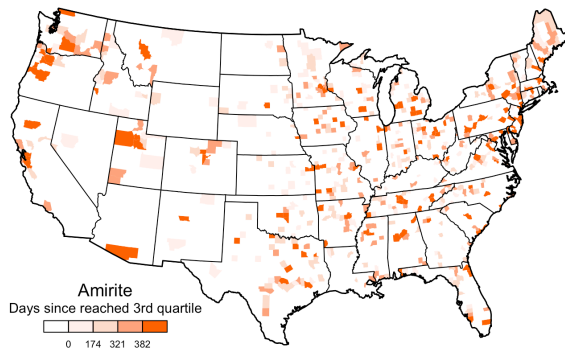
Based on a 25 nearest neighbour spatial weights matrix

APPENDIX III

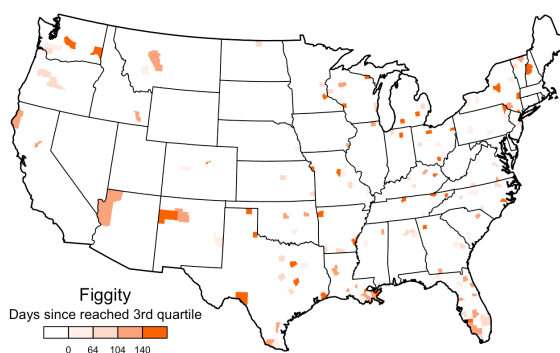
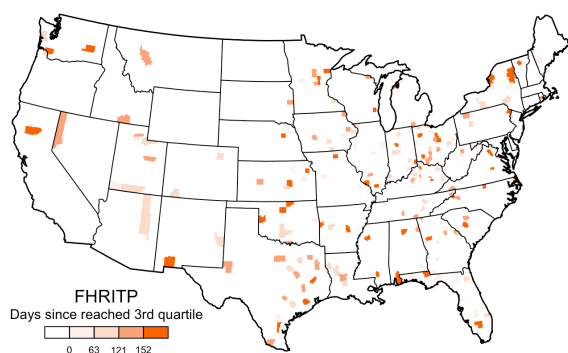
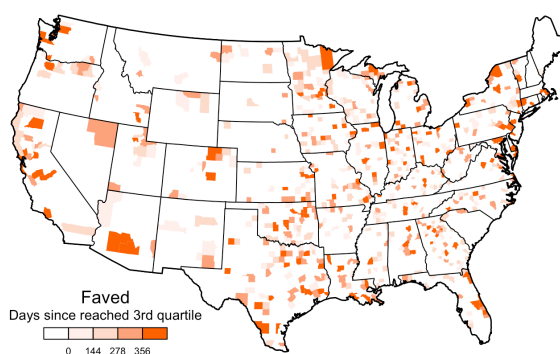
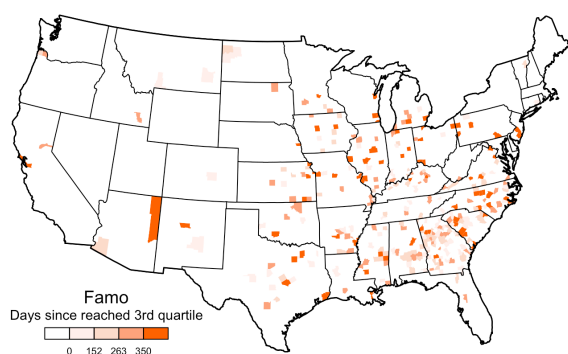
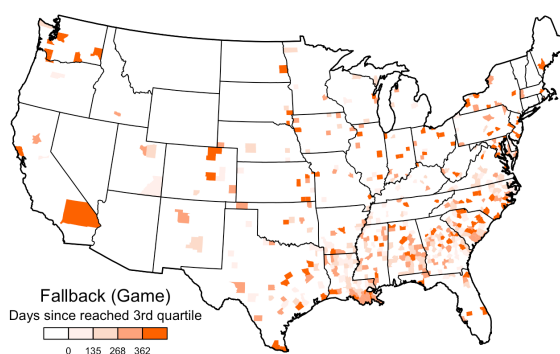
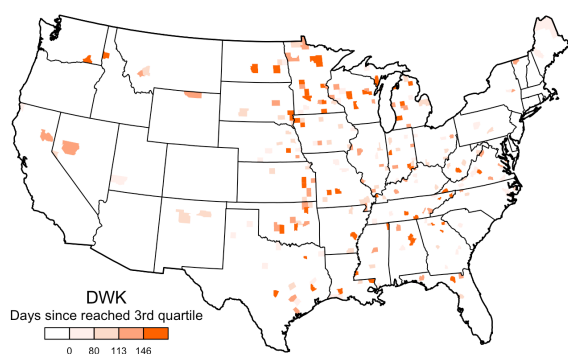
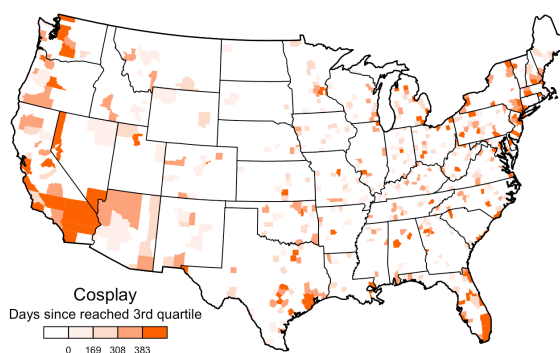
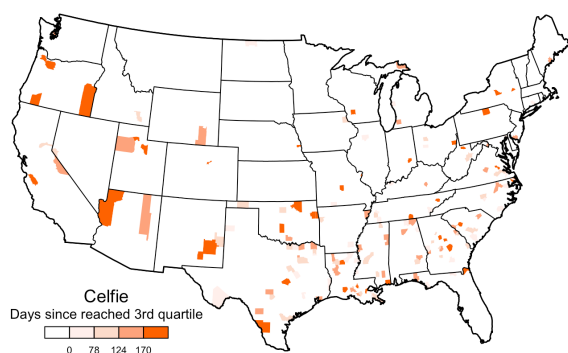
Common patterns of lexical innovation

Generated through a multivariate spatial analysis of the 54 lexical emergence maps

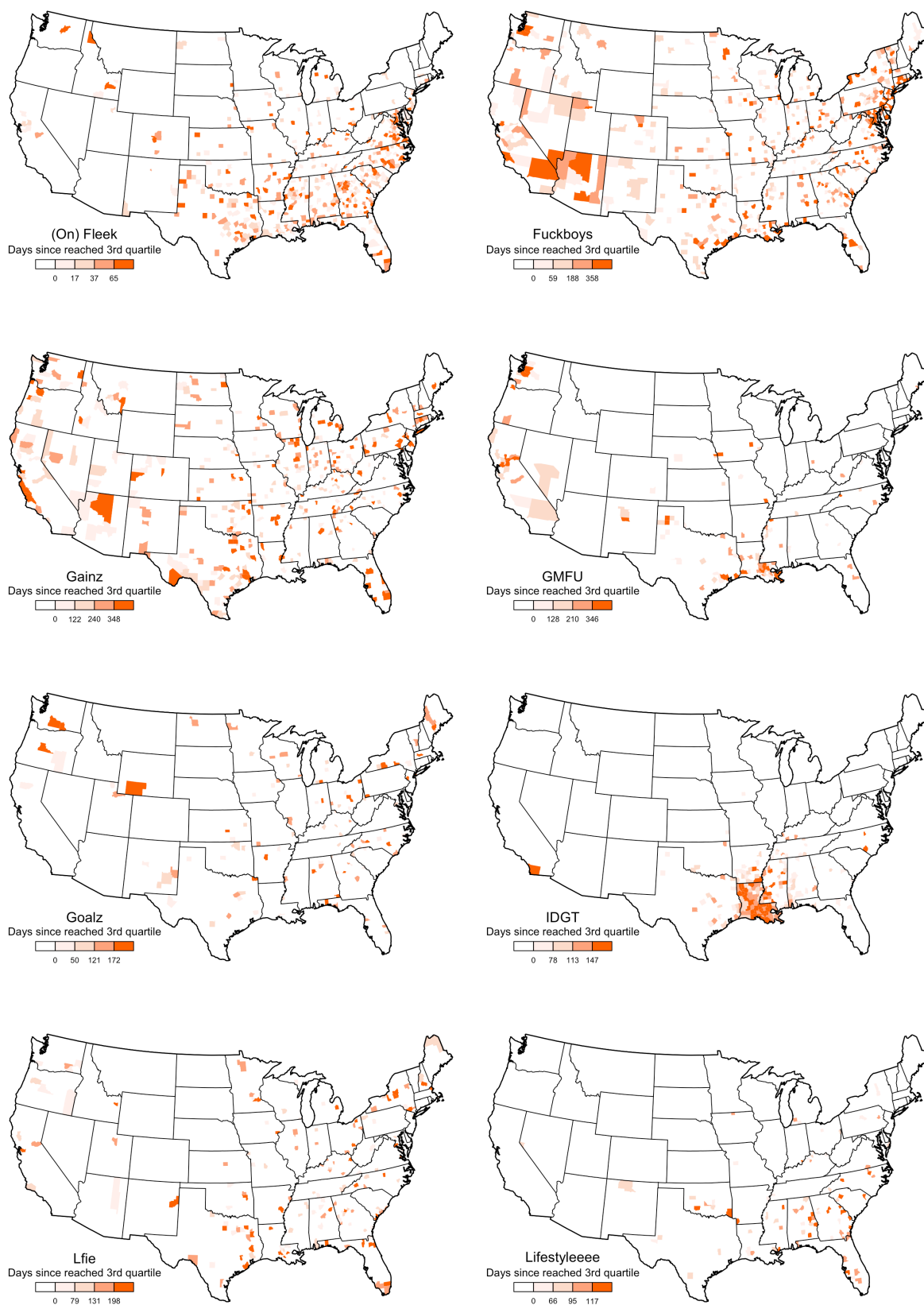
Showing the effect of varying a range of parameter settings



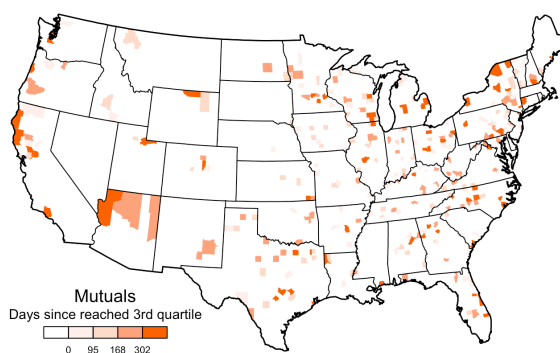
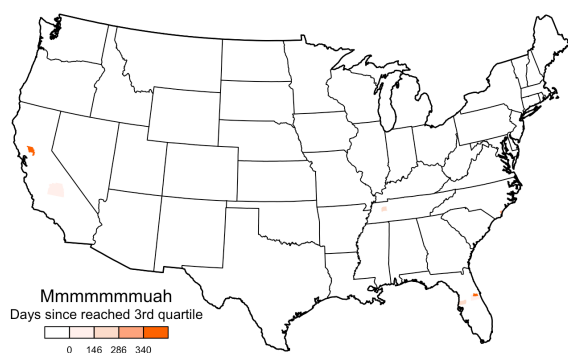
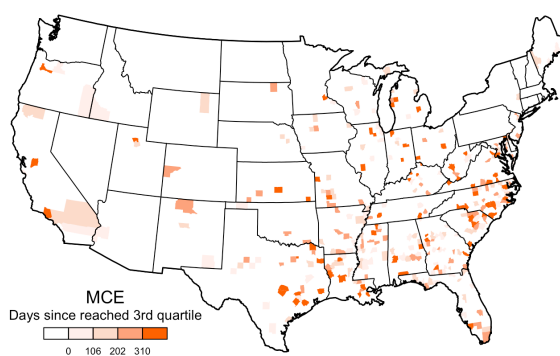
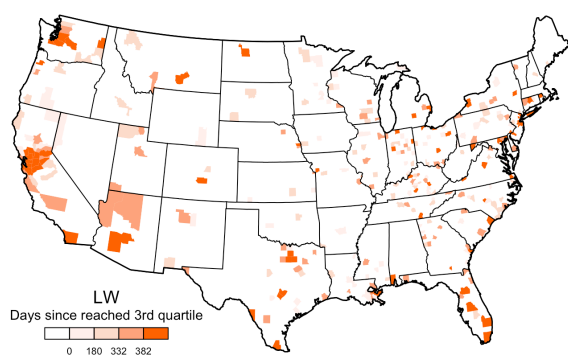
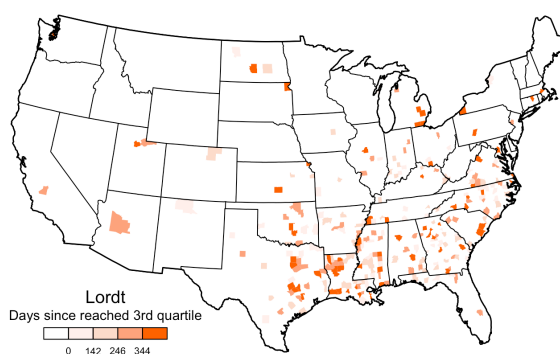
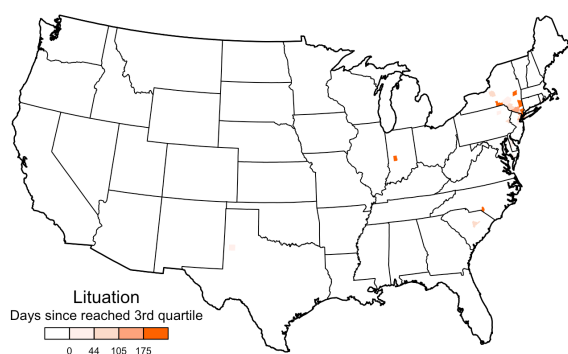
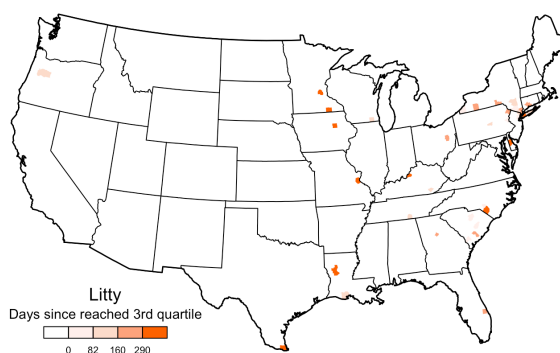
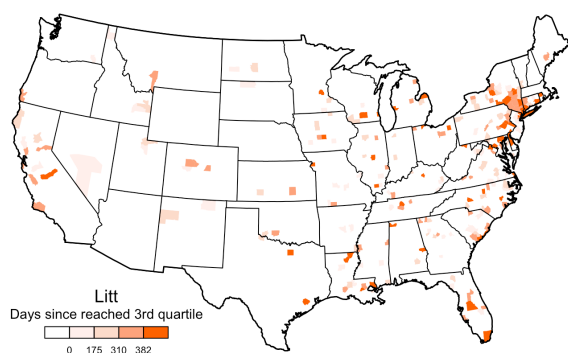
Appendix I: Lexical Emergence Maps (Part 1)



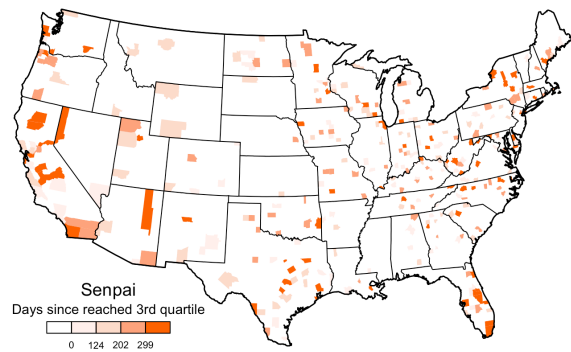
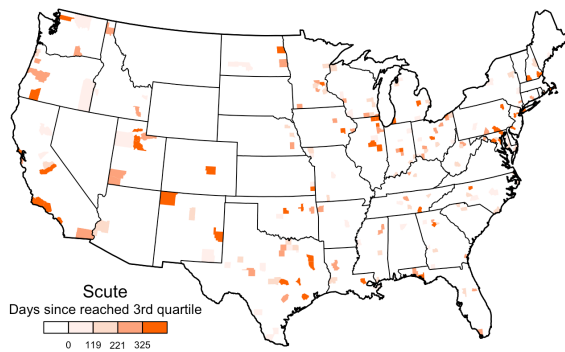
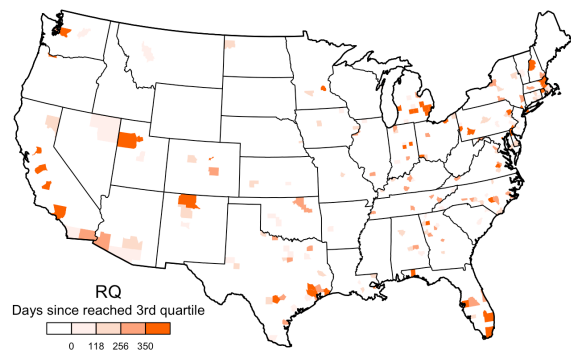
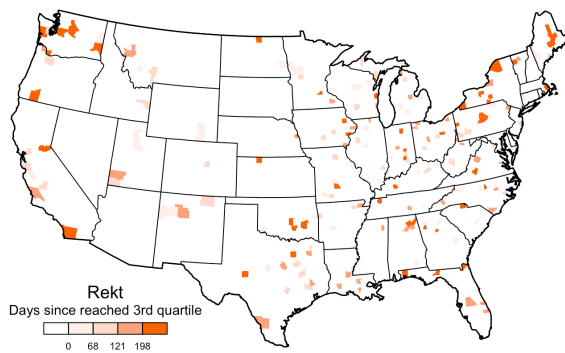
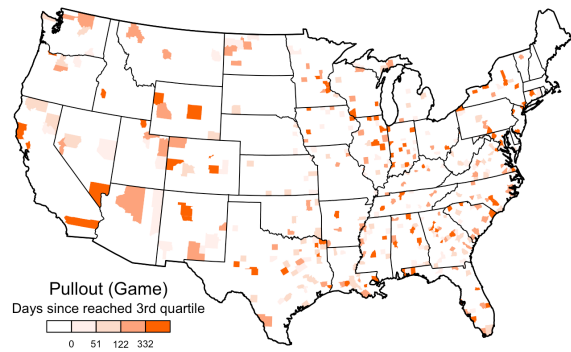
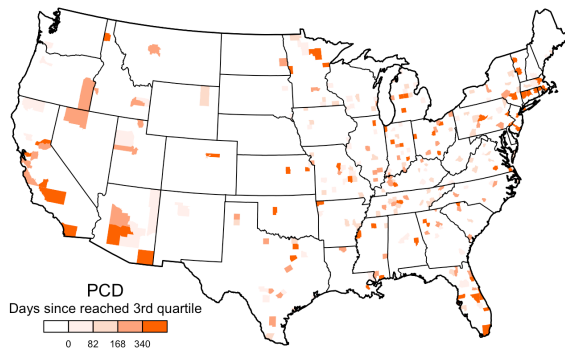
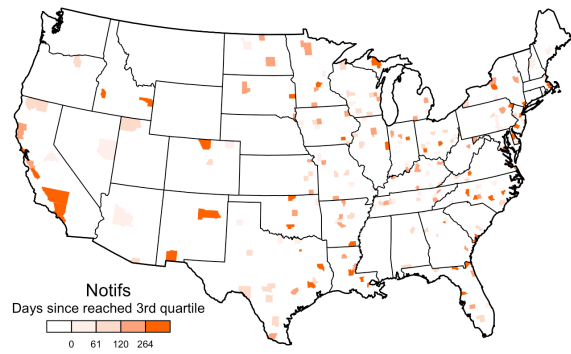
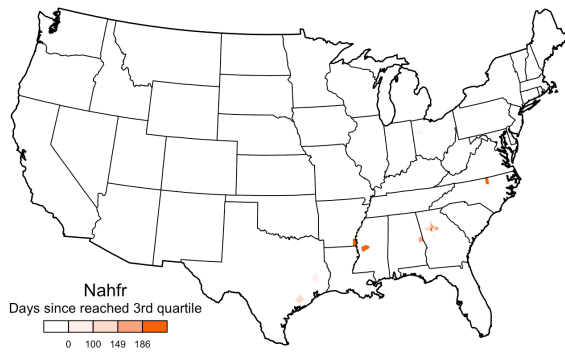
Appendix I: Lexical Emergence Maps (Part 2)



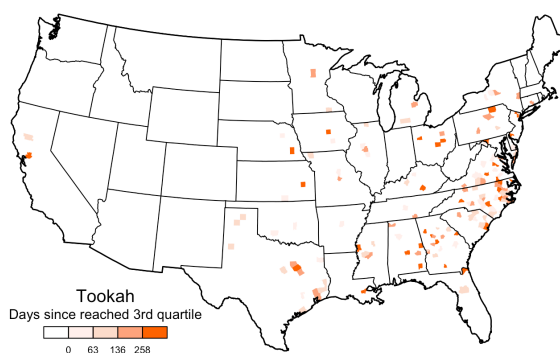
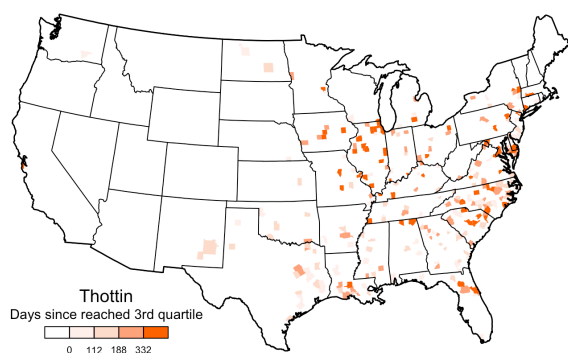
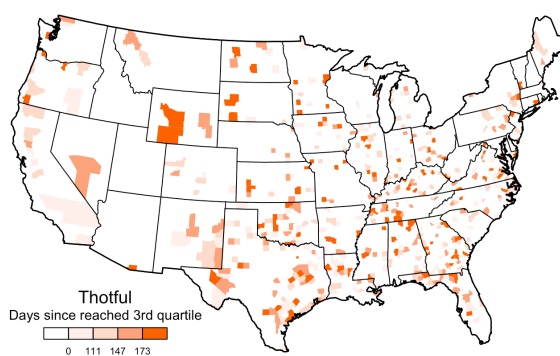
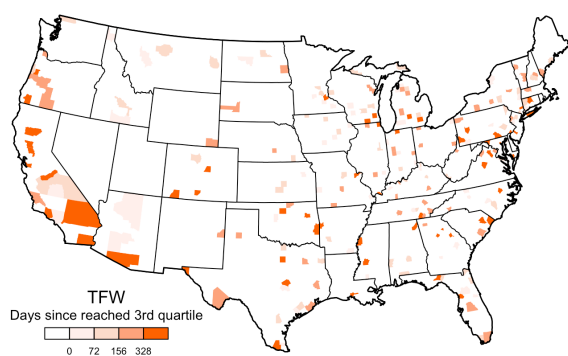
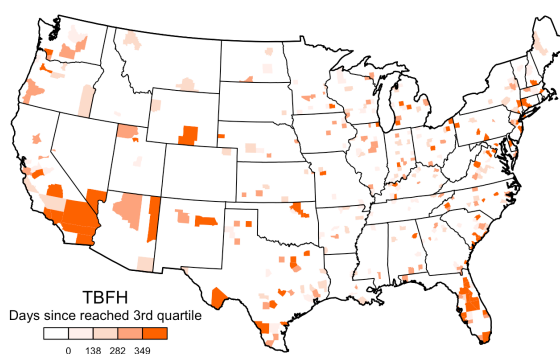
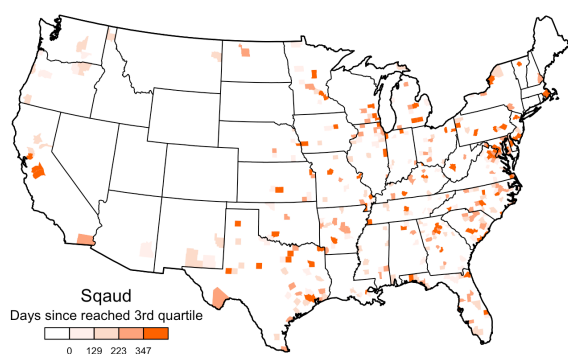
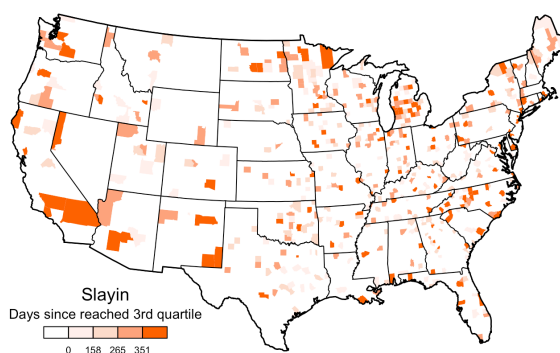
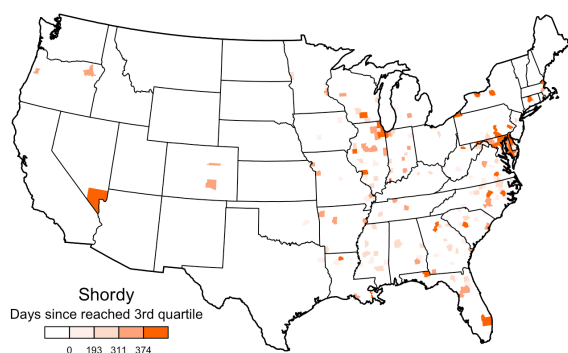
Appendix I: Lexical Emergence Maps (Part 3)



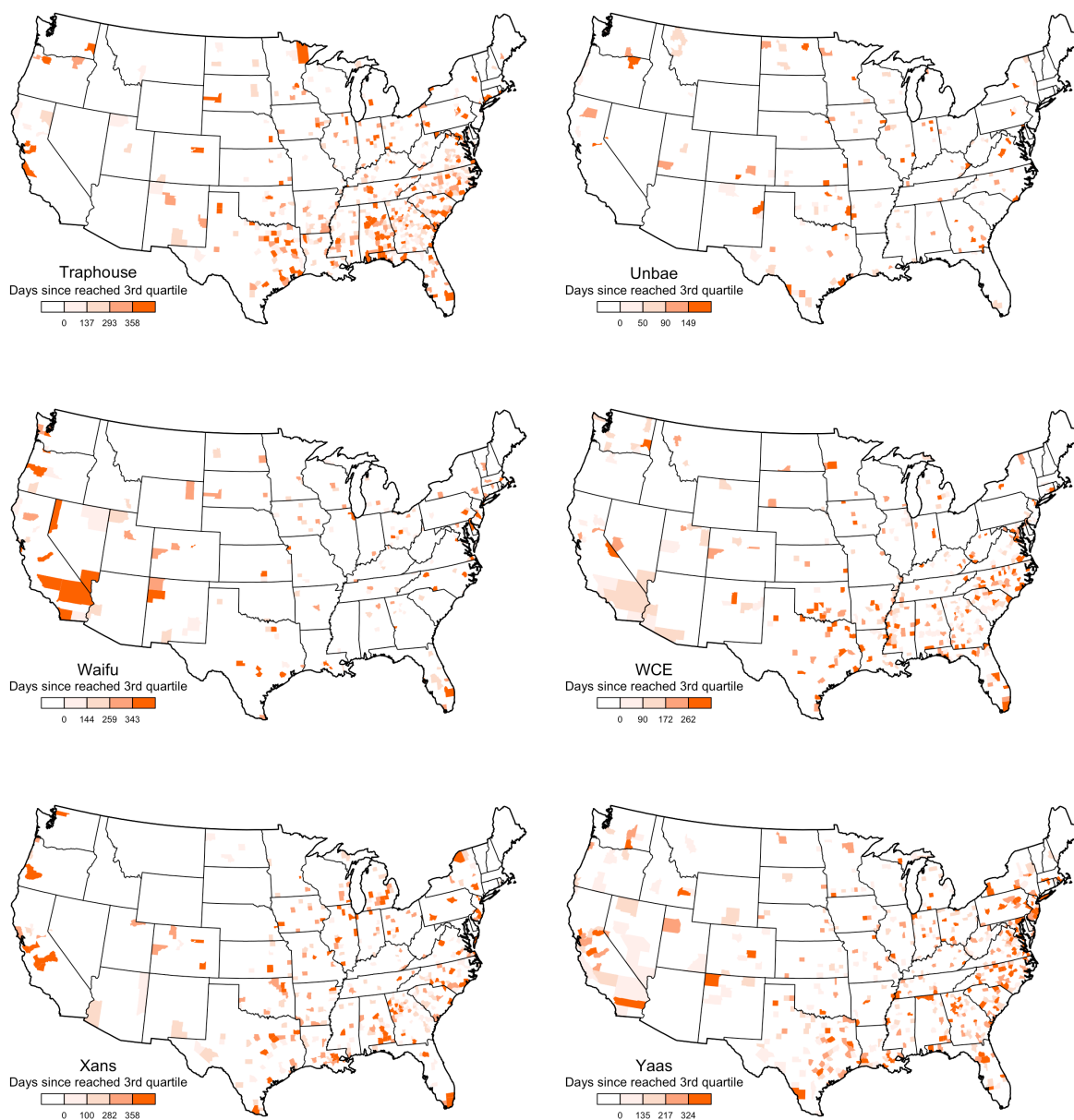
Appendix I: Lexical Emergence Maps (Part 4)



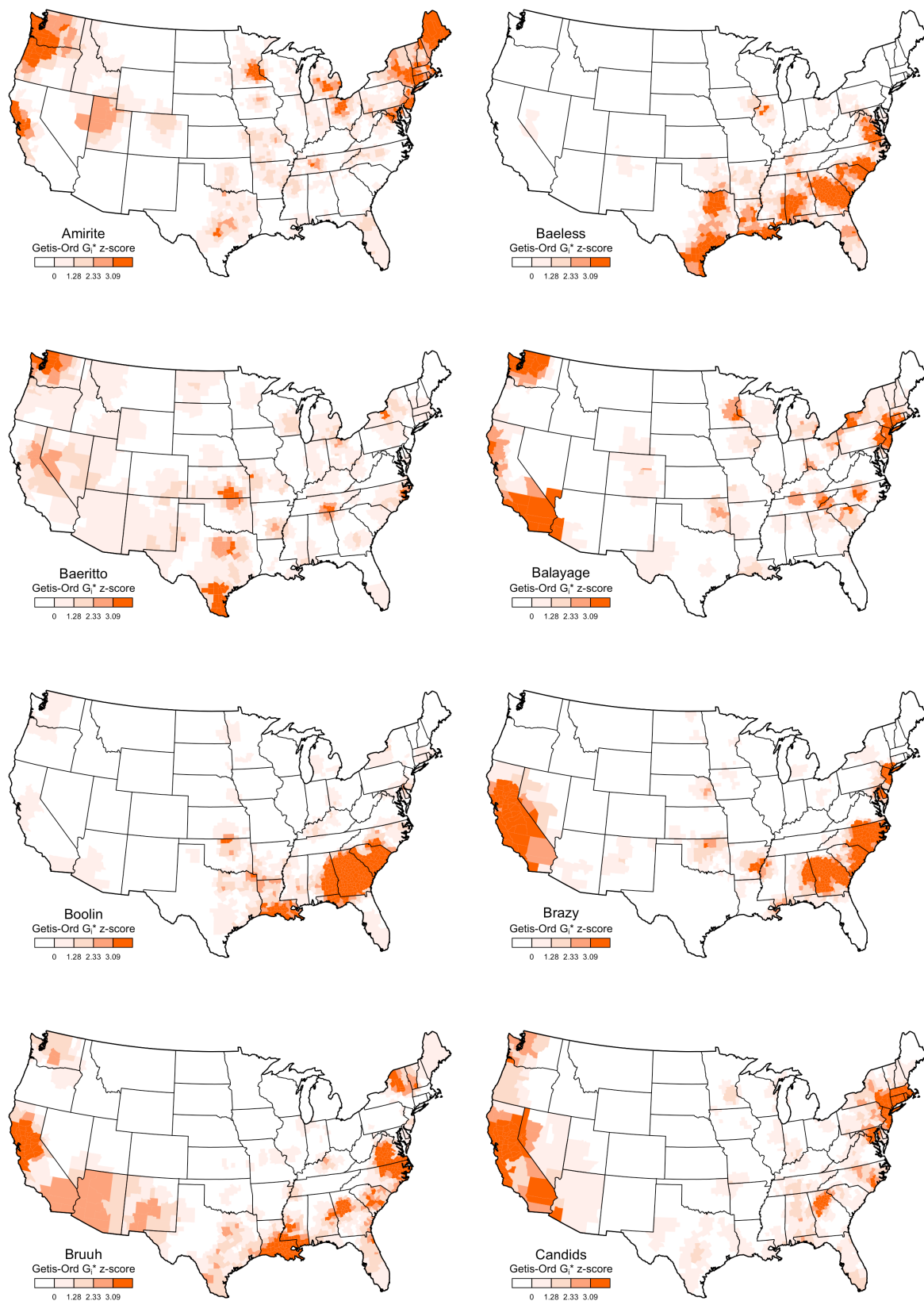
Appendix I: Lexical Emergence Maps (Part 5)



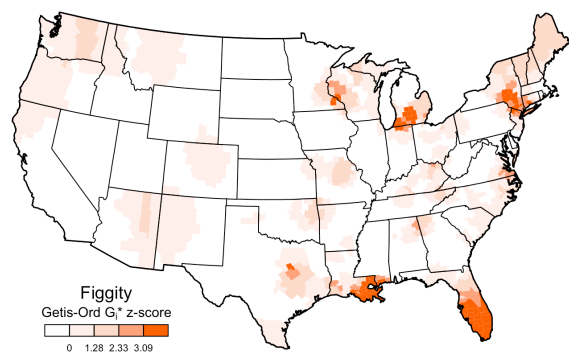
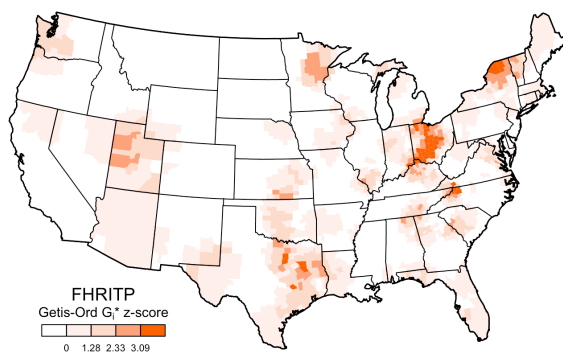
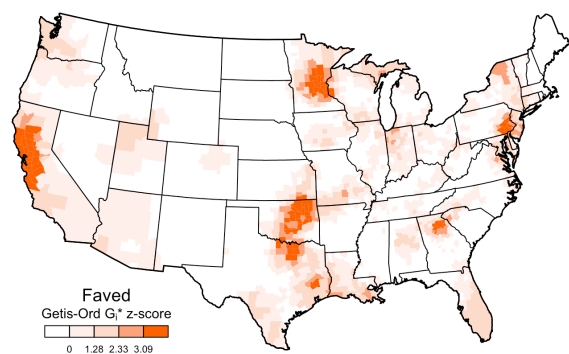
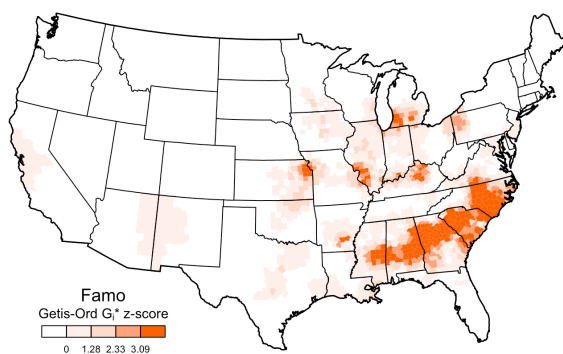
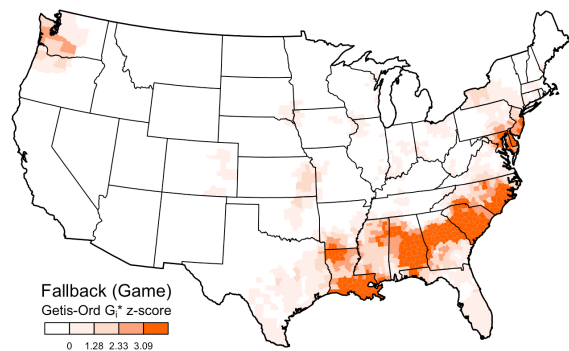
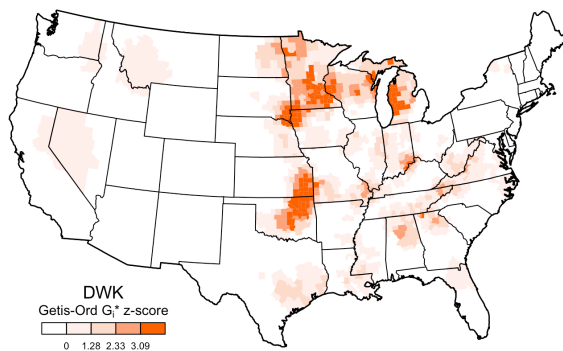
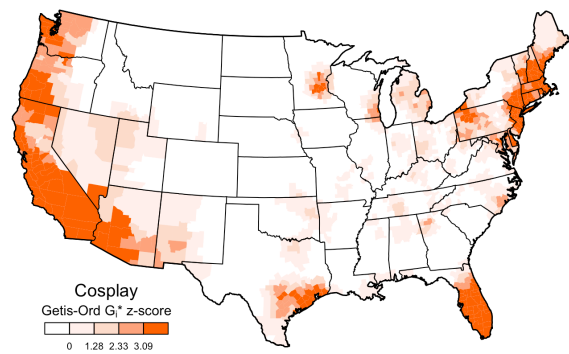
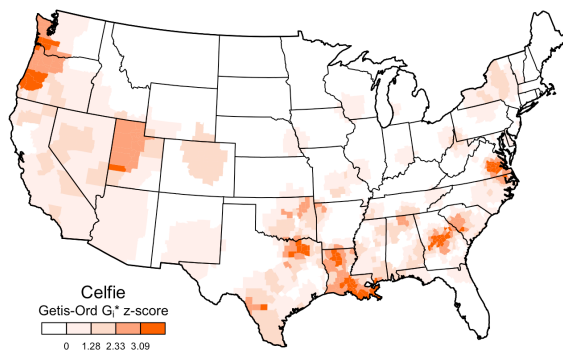
Appendix I: Lexical Emergence Maps (Part 6)



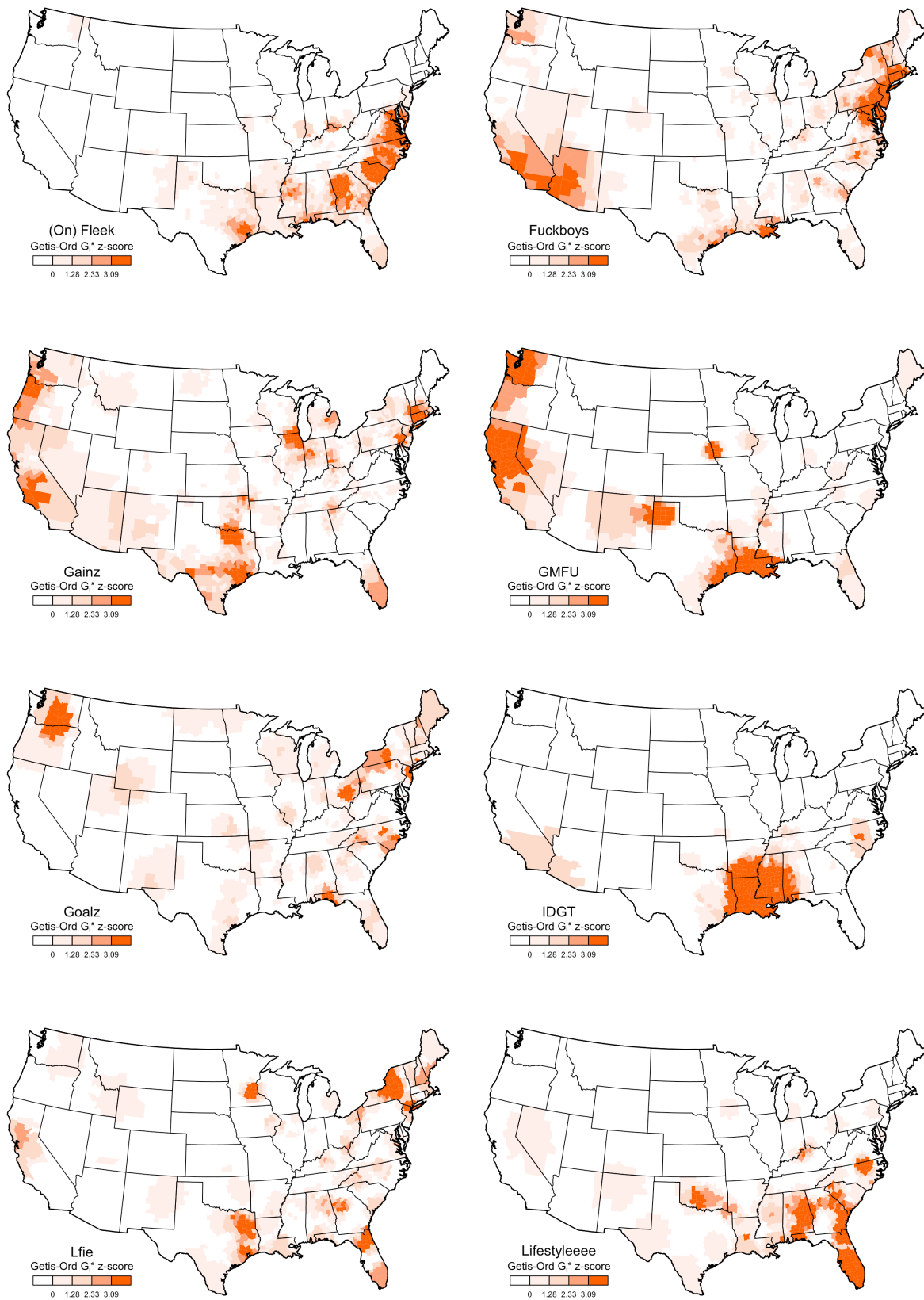
Appendix I: Lexical Emergence Maps (Part 7)



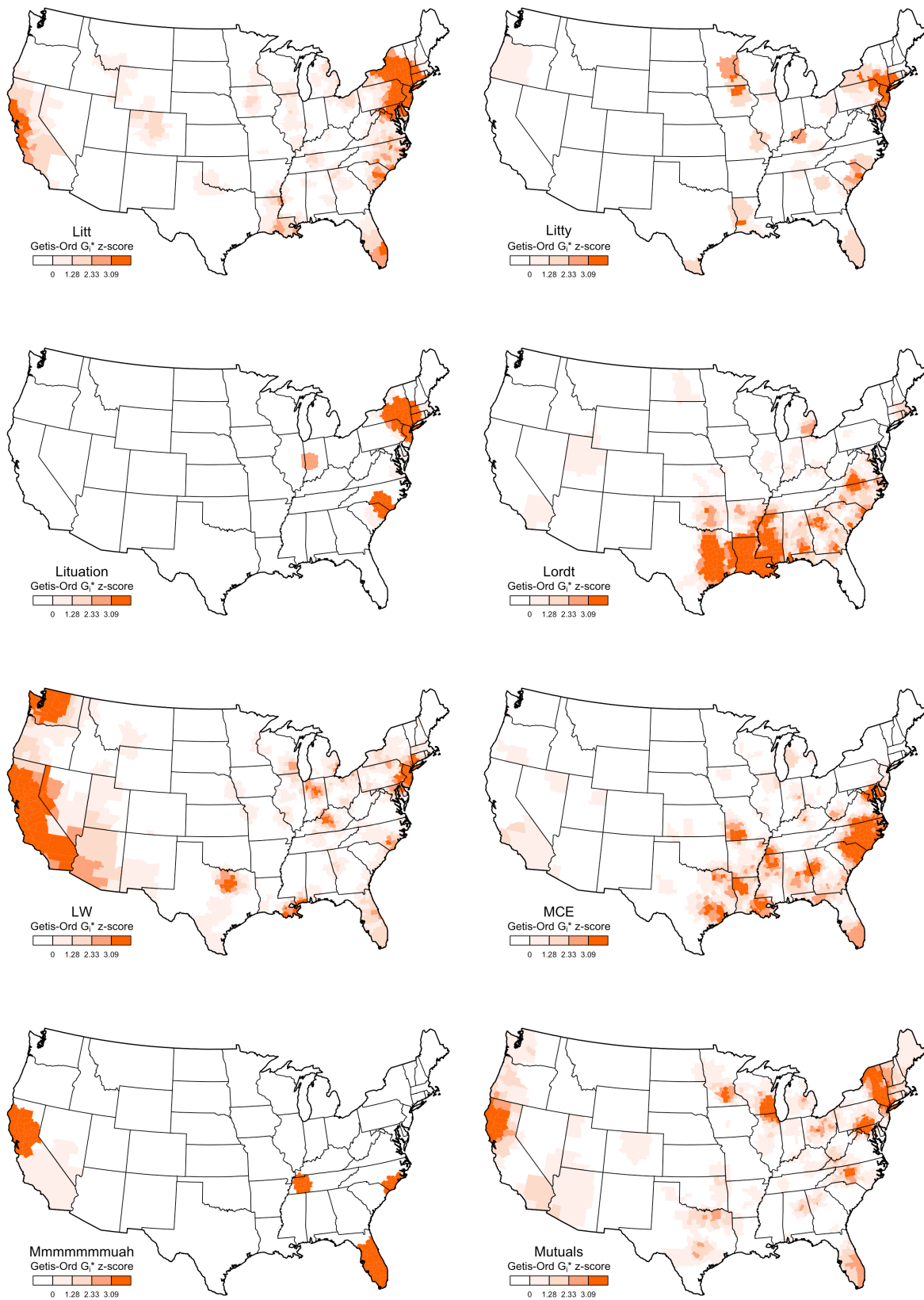
Appendix II: Local Spatial Autocorrelation Maps (Part 1)



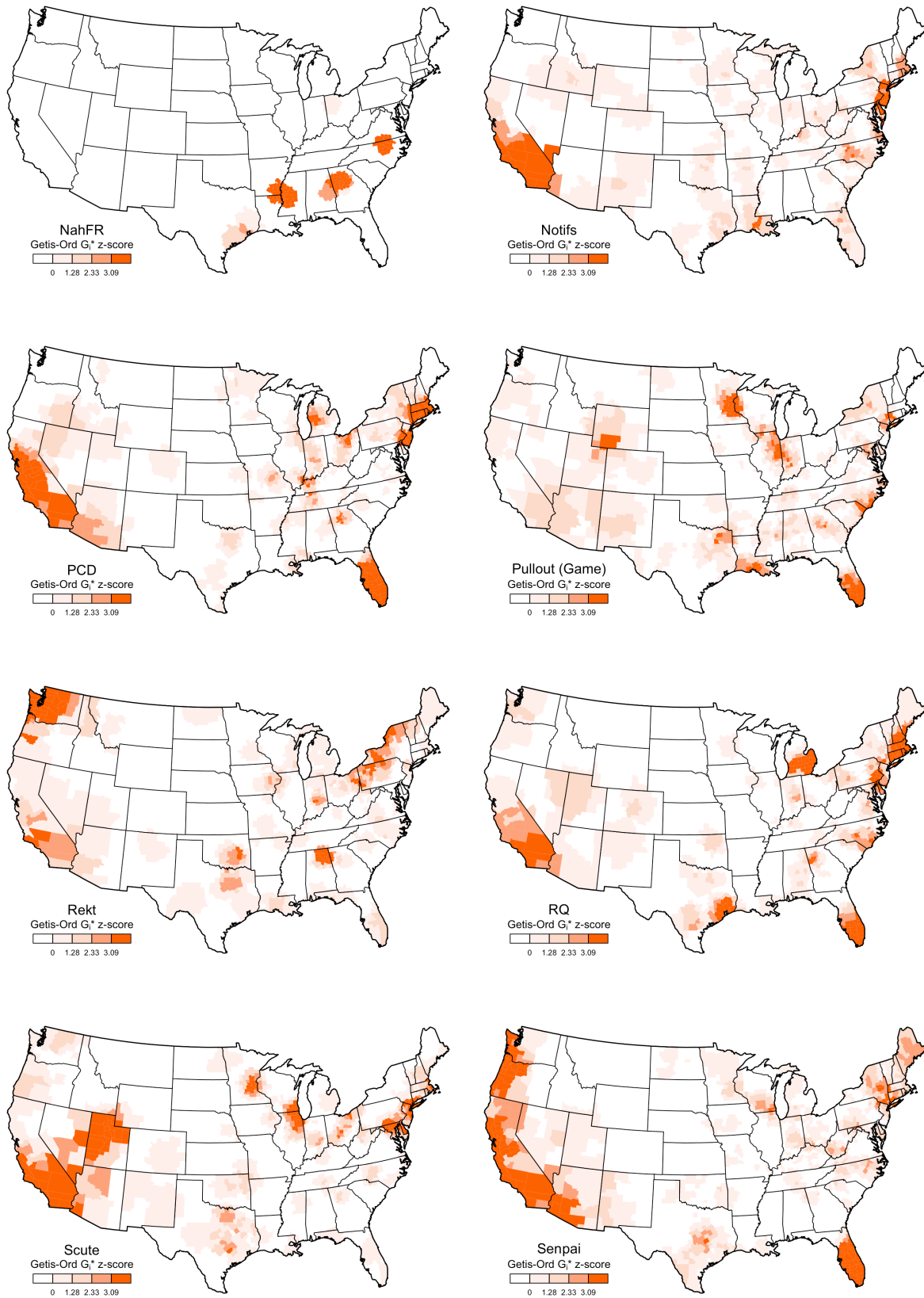
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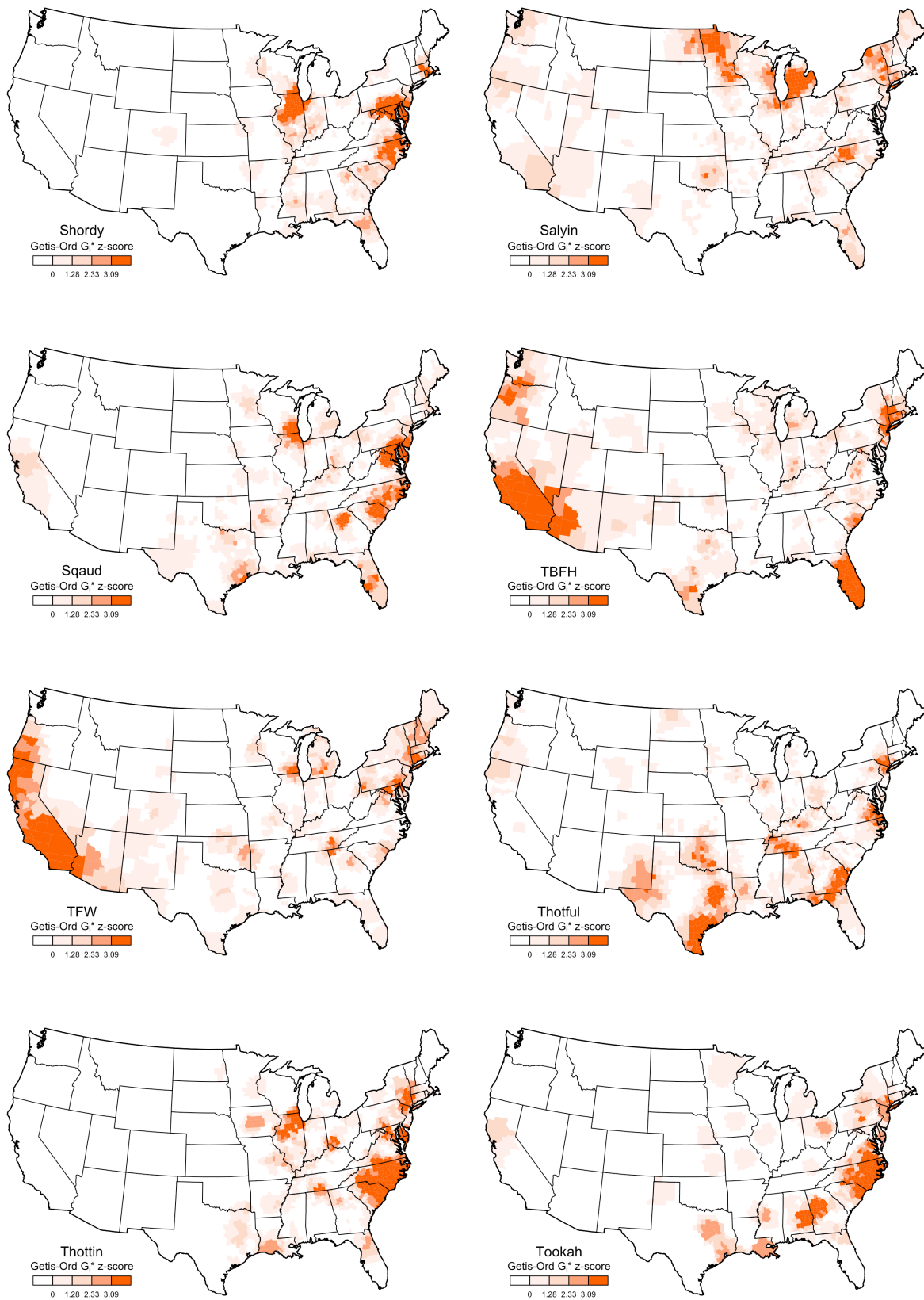
Appendix II: Local Spatial Autocorrelation Maps (Part 3)



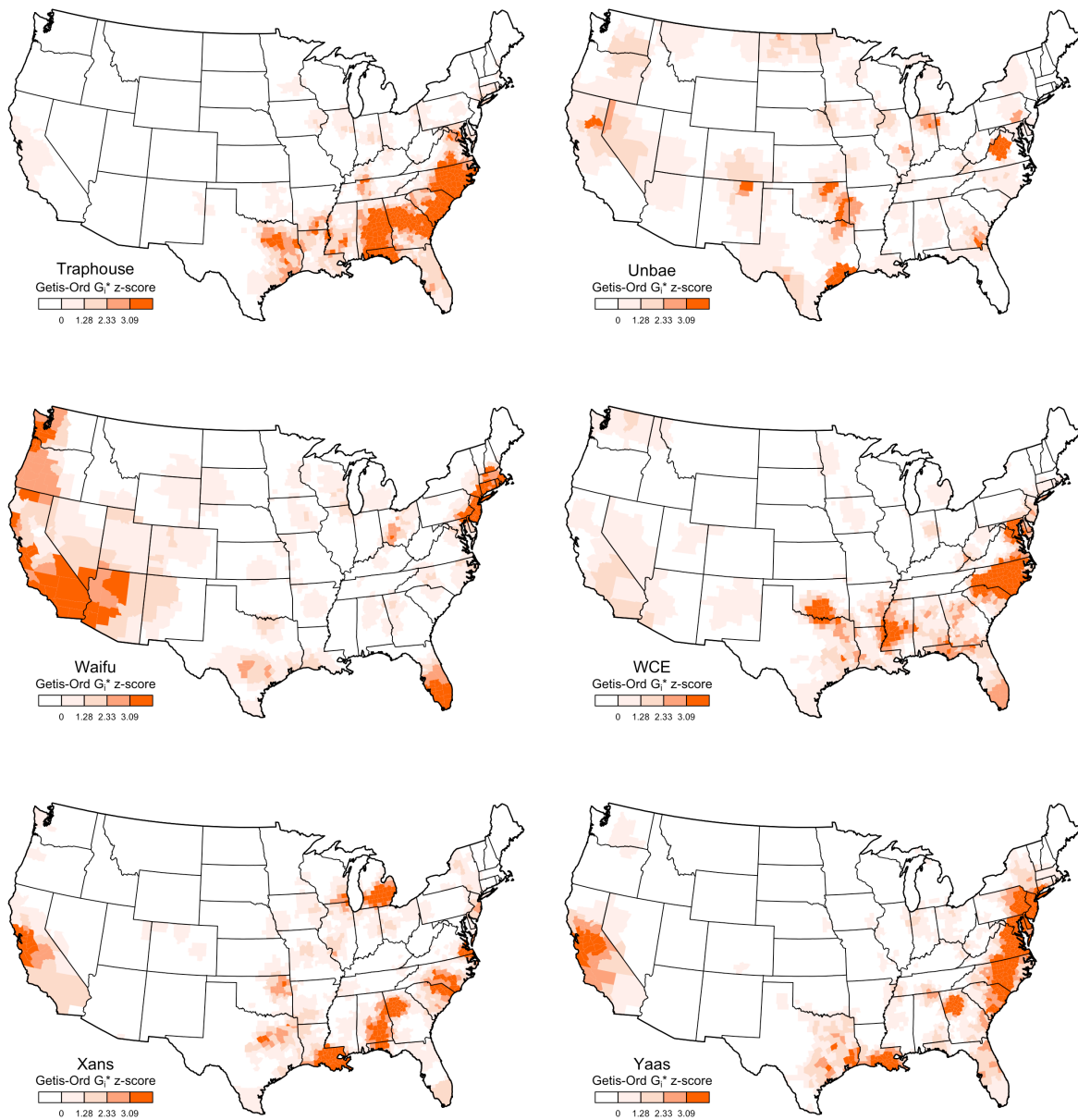
Appendix II: Local Spatial Autocorrelation Maps (Part 4)



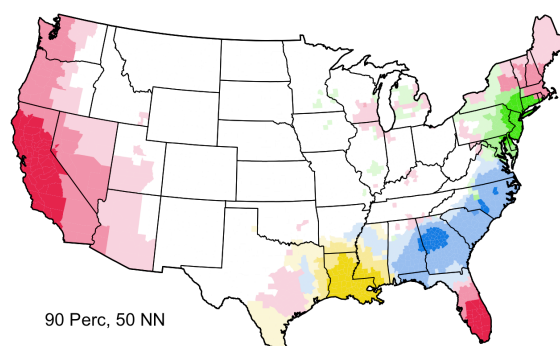
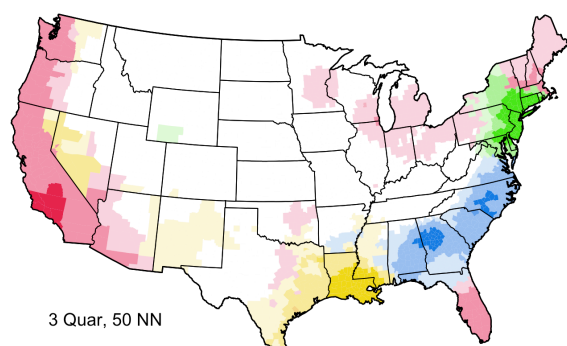
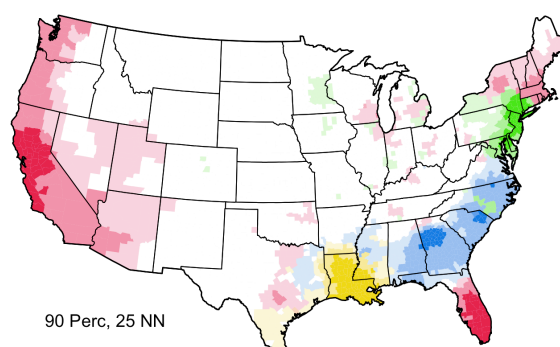
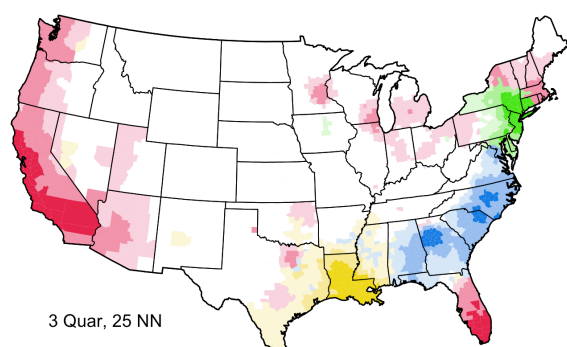
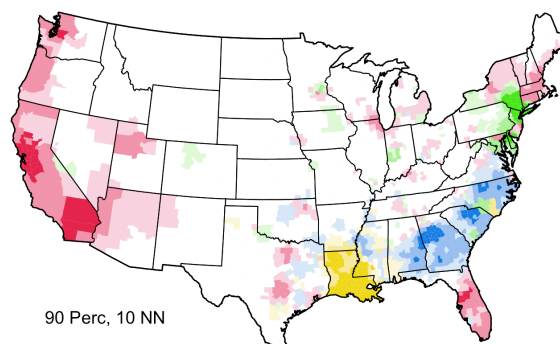
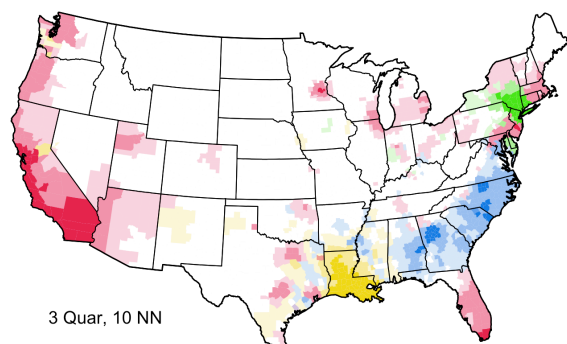
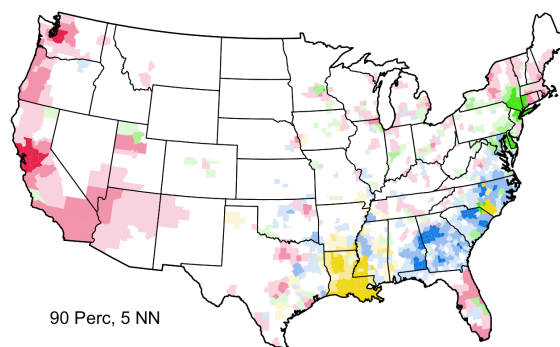
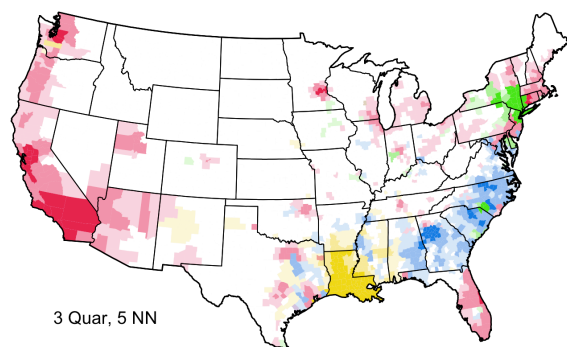
Appendix II: Local Spatial Autocorrelation Maps (Part 5)



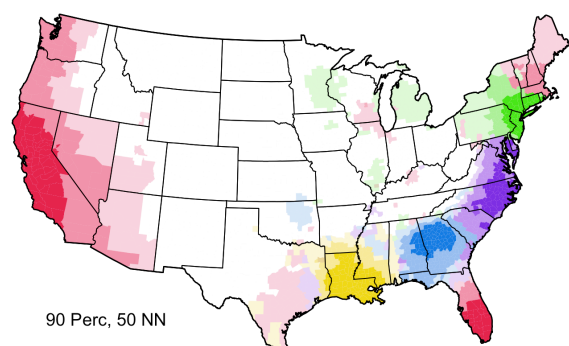
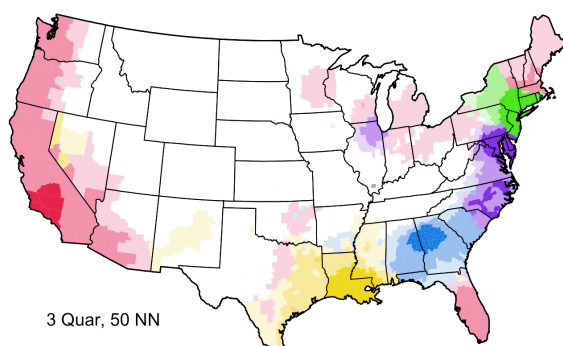
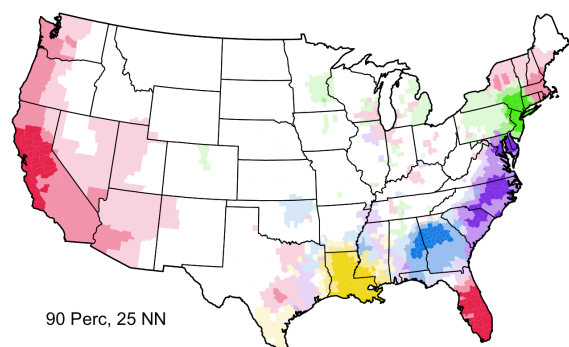
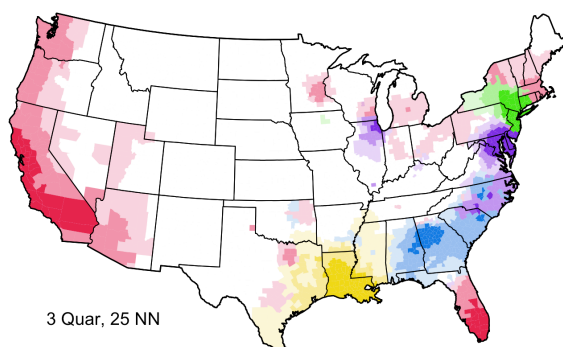
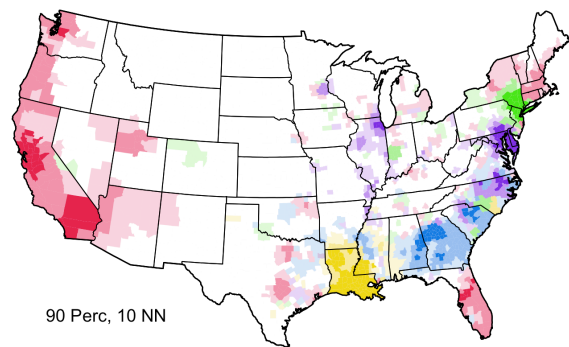
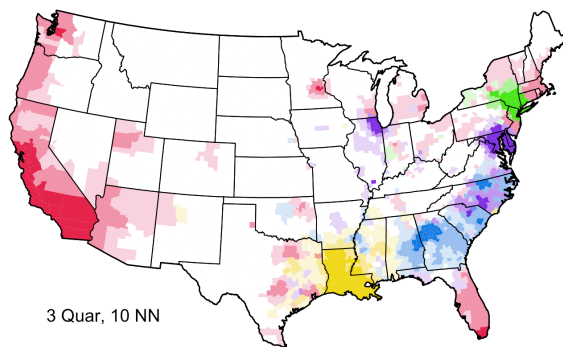
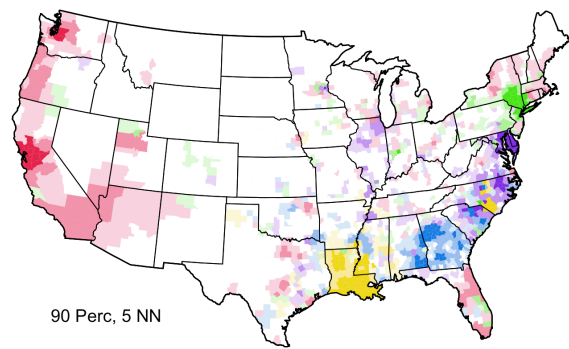
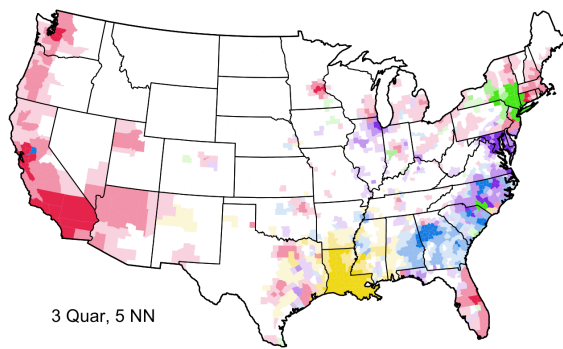
Appendix II: Local Spatial Autocorrelation Maps (Part 6)



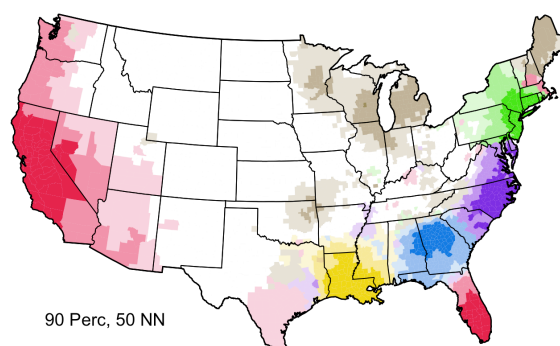
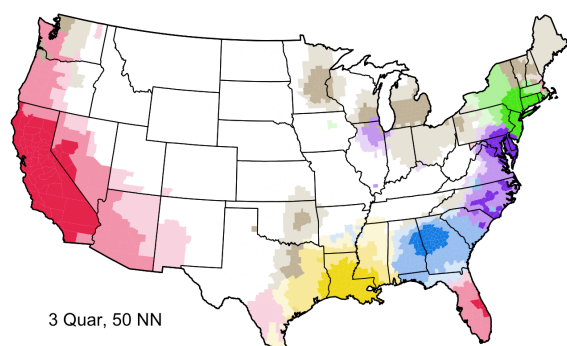
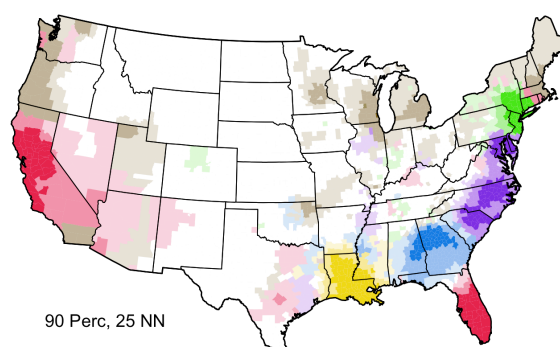
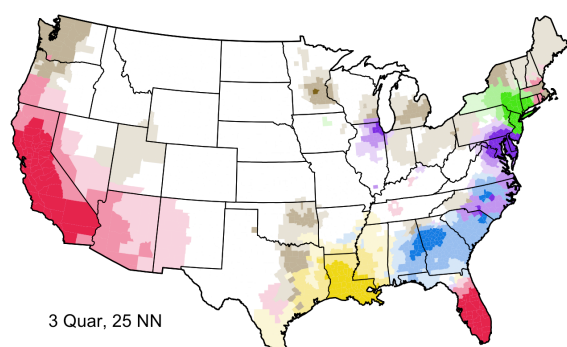
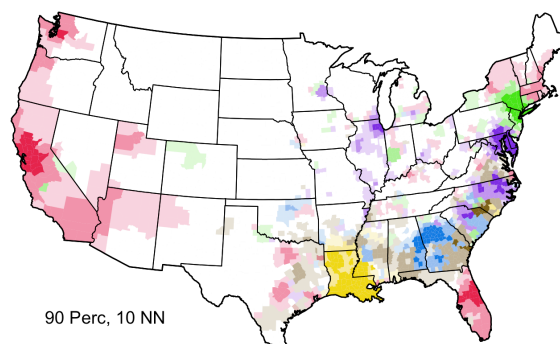
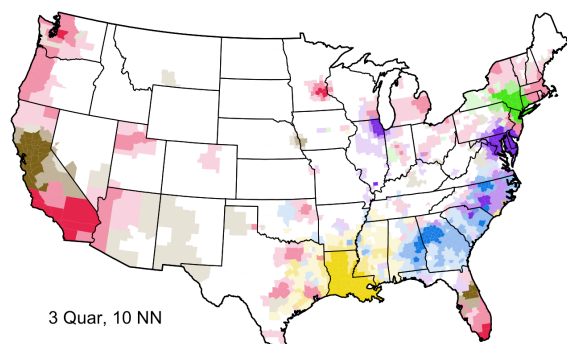
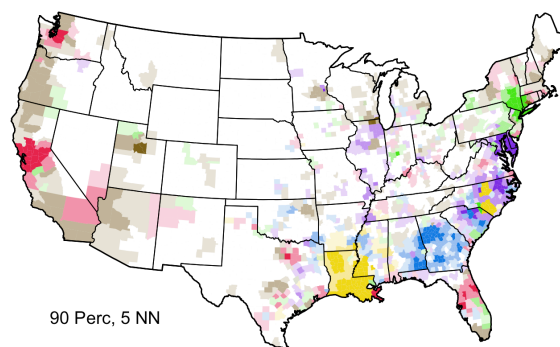
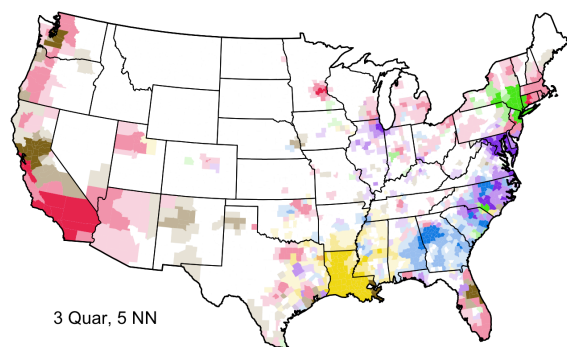
Appendix II: Local Spatial Autocorrelation Maps (Part 7)



Appendix III: Multivariate Spatial Analysis (4 Dimensions)



Appendix III: Multivariate Spatial Analysis (5 Dimensions)



Appendix III: Multivariate Spatial Analysis (6 Dimensions)