

# Inferring Fine-Grained Migration Flows Across the United States

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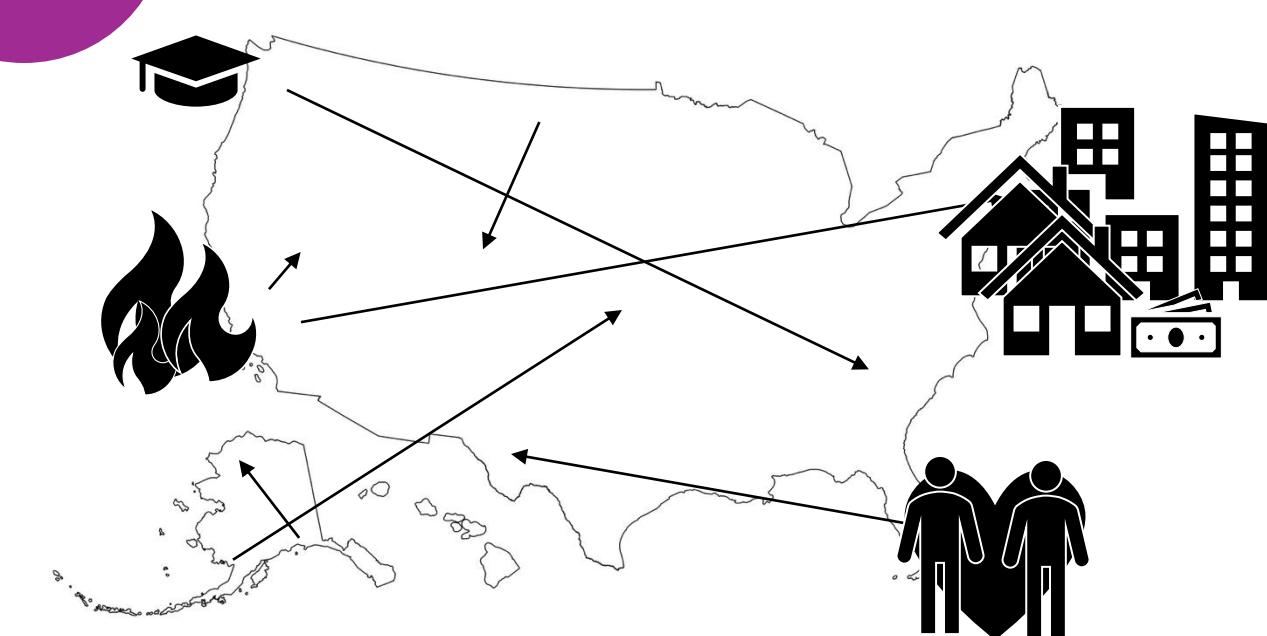
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1

Over 40 million people move every year in the US



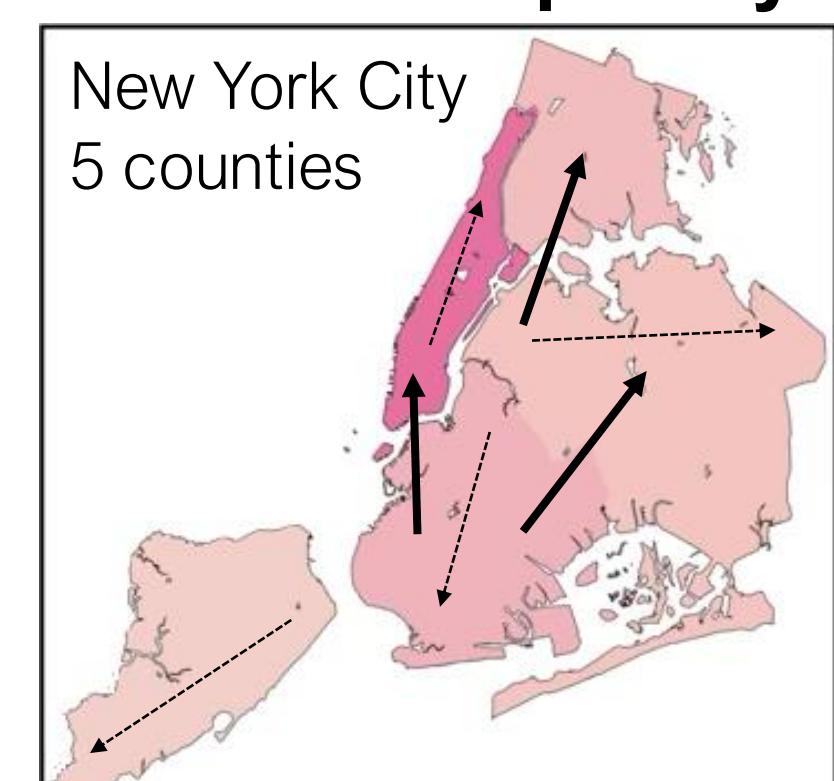
results and causes of migration interest  
researchers and policymakers

2

Publicly-available migration data is temporally  
and spatially too coarse

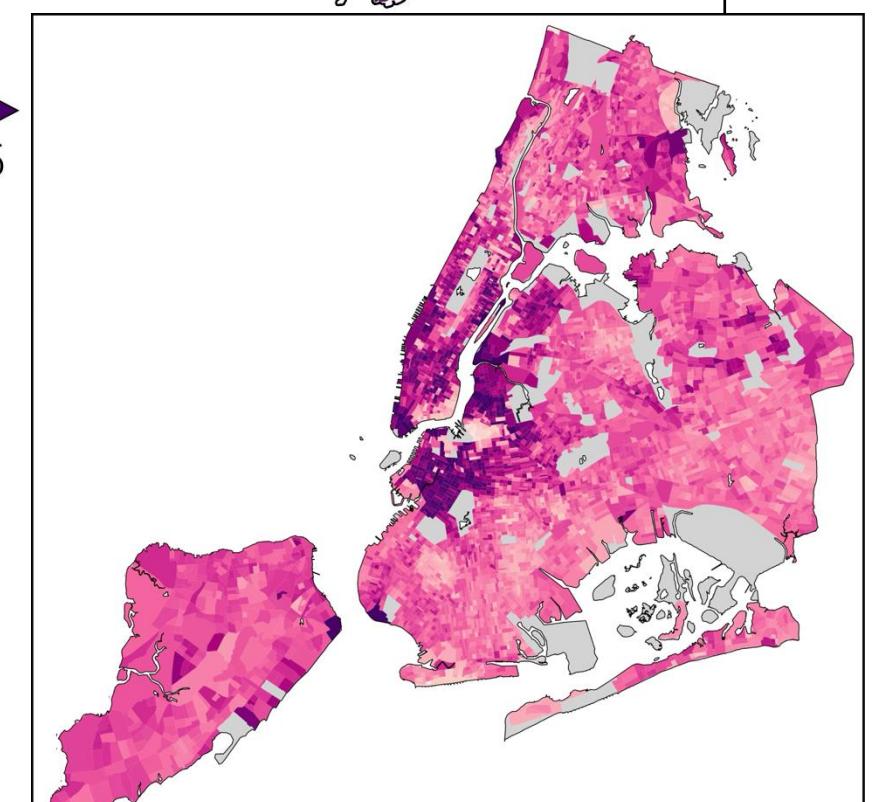
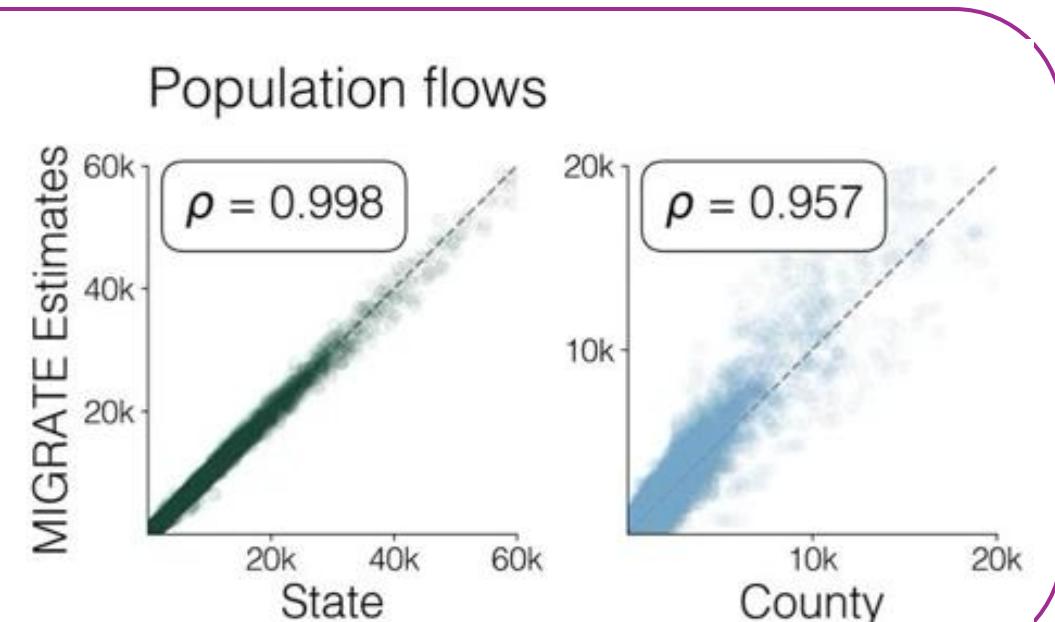
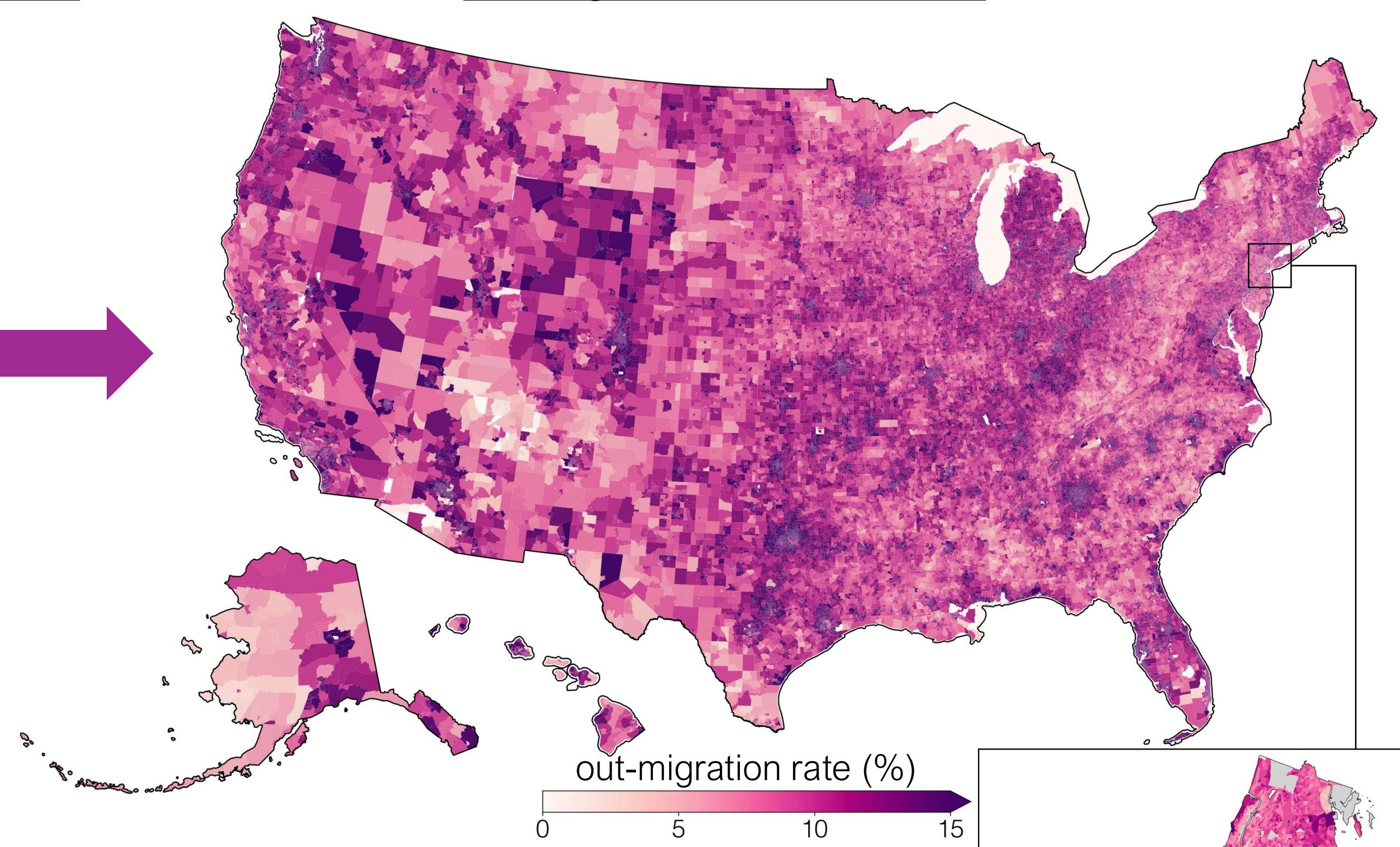
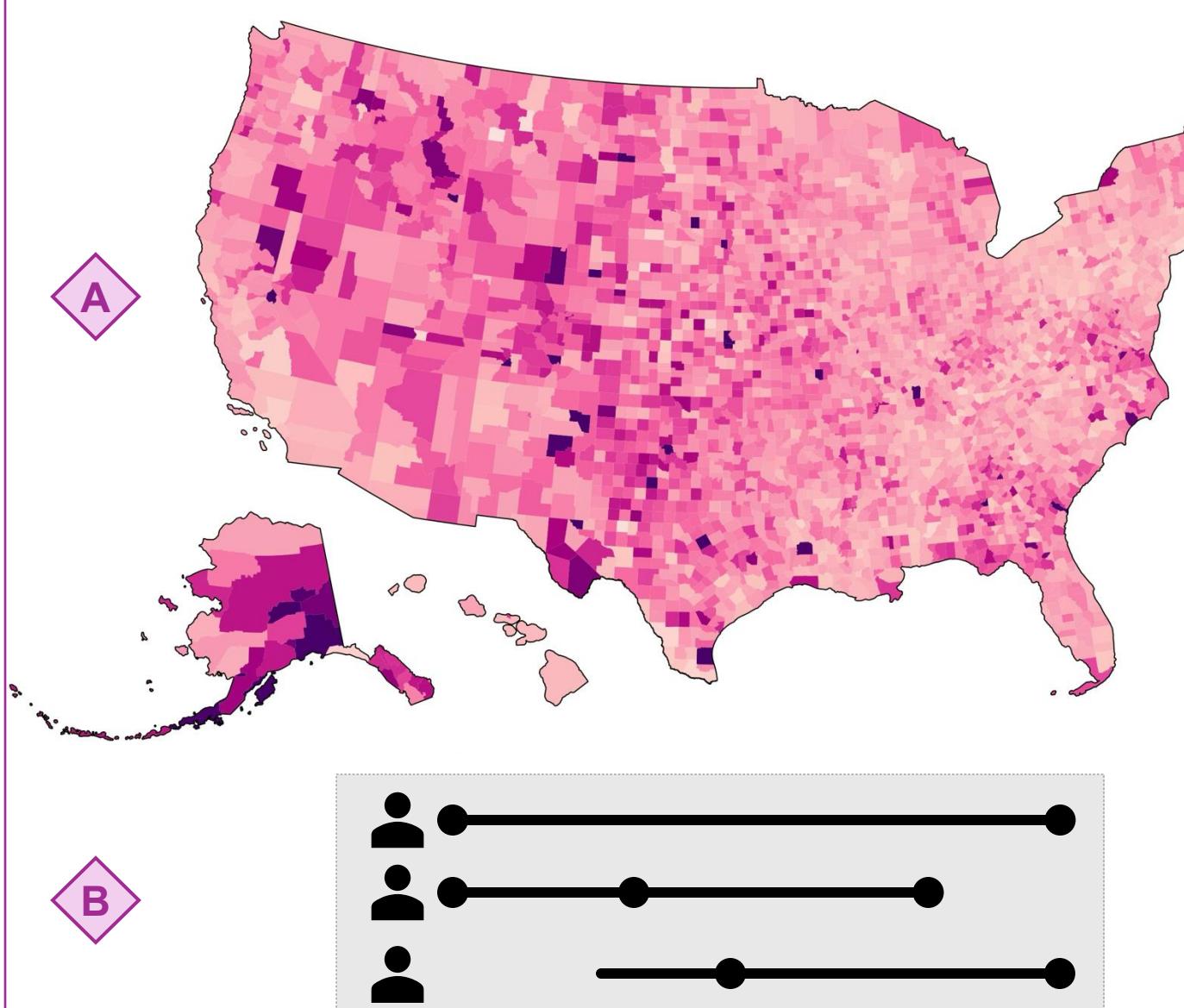
The American Community Survey  
only reports  
county-to-county migration  
in 5-year periods

Most migration flows are  
invisible in this data!



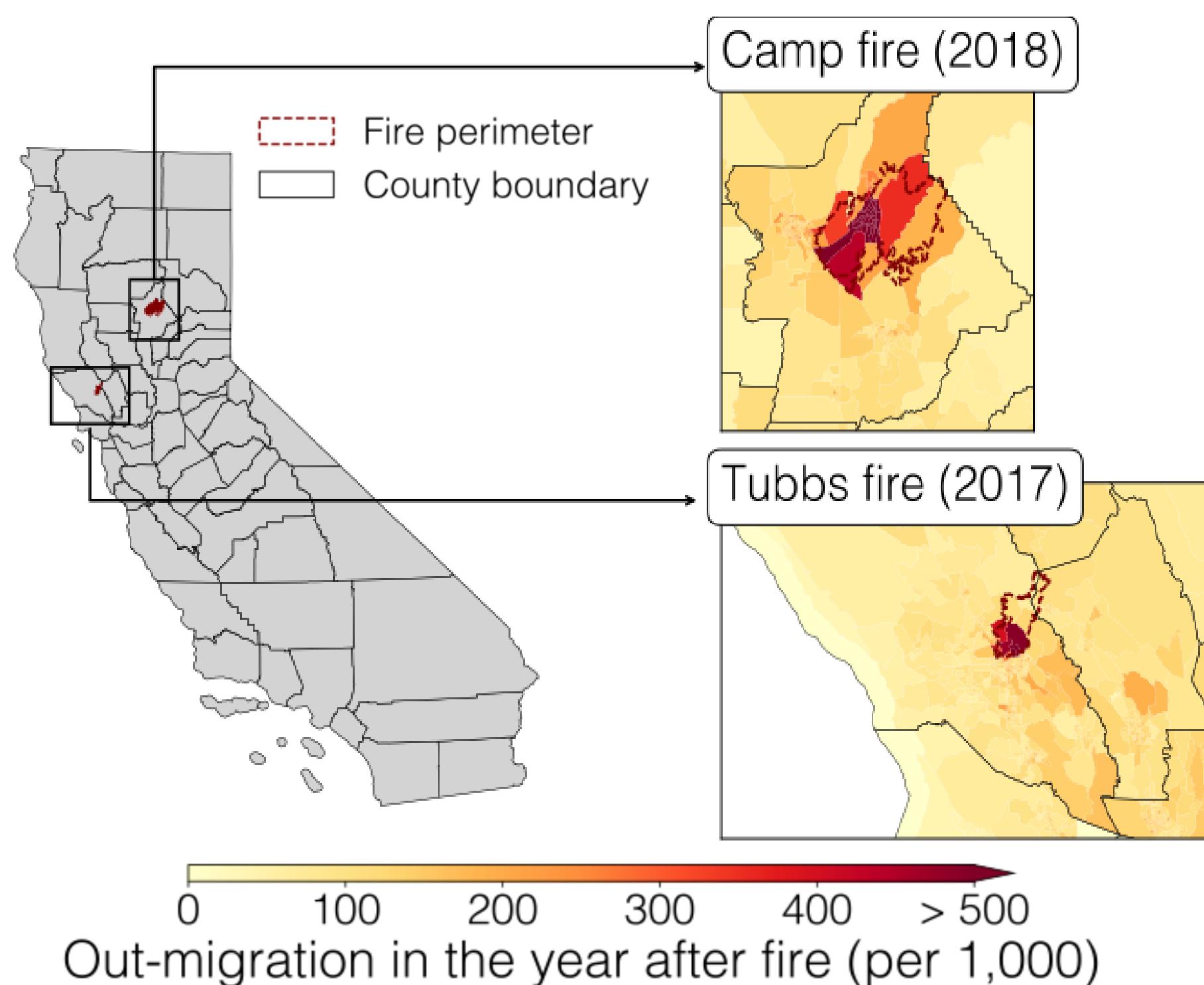
3

Our method reconciles coarse but reliable Census data with more granular but biased address histories



4

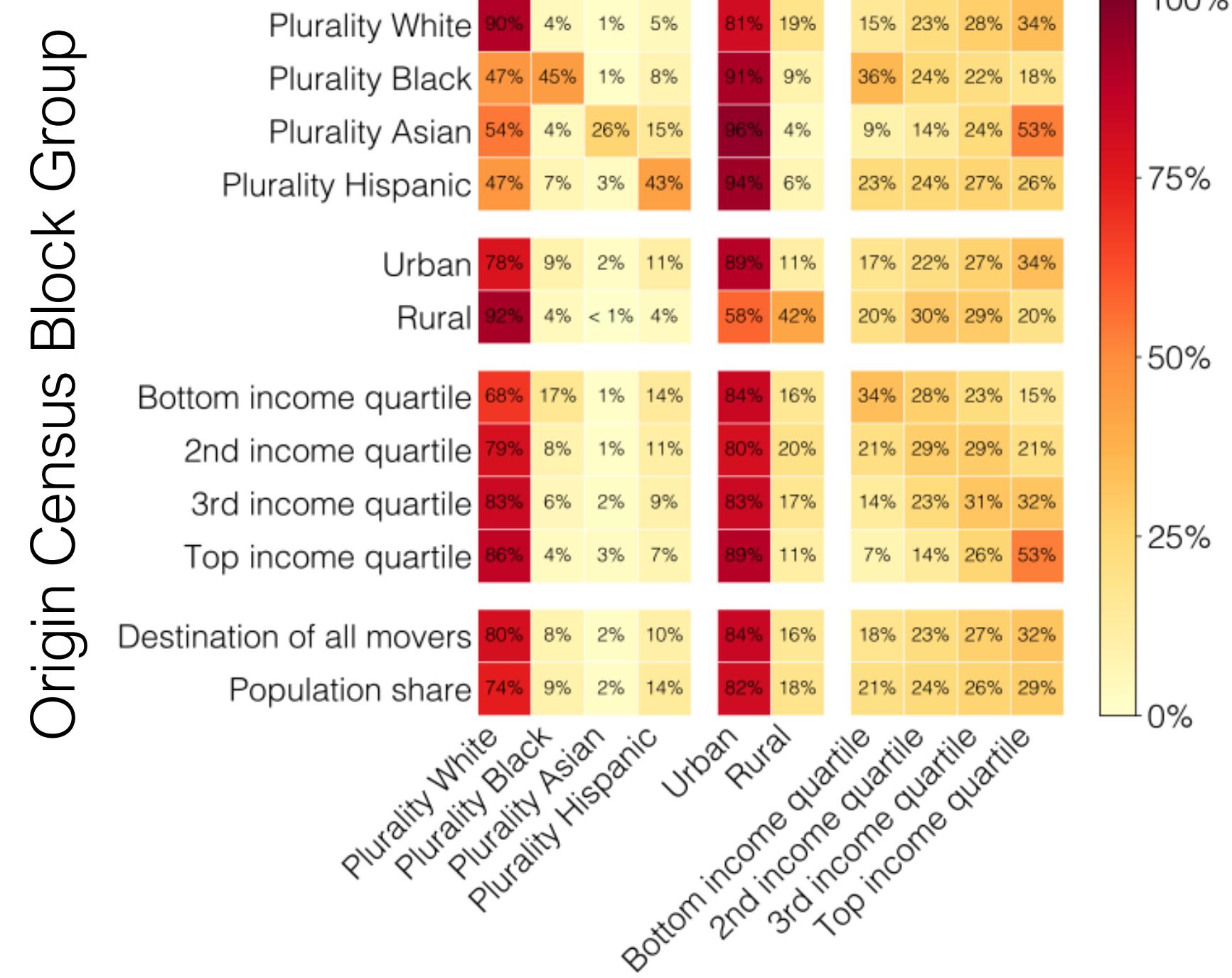
We find evidence of migration in response  
to local policy and environmental impacts



**MIGRATE** reveals striking out-migration following  
California wildfires, invisible in county-to-county data

5

We document nationwide trends in migration,  
stratifying by demographics



Destination Census Block Group

**MIGRATE** provides evidence of racial homophily and  
income-upwards mobility in migration

