

A Analysis scheme & Corroborated Conclusions

Putative county-specific predictors of influenza onset: temporal and spatial autocorrelations of infection incidence and data on human travel

data

conclusions

causality streamlines

init. at shores

south shores

south-eastern shores

predictive factors

causal subset

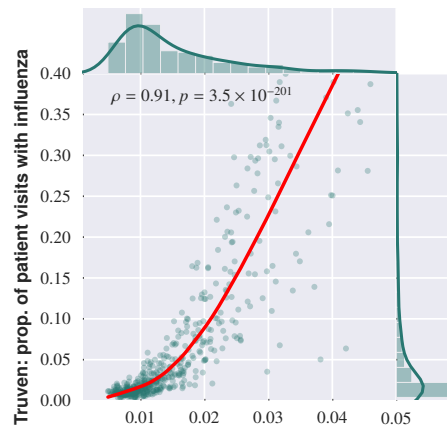
short-range travel
>
long-range travel

Approach 1: Non-parametric Granger analysis of county-specific incidence

Approach 2: Poisson regression on putative factors

Approach 3: County-matching causal analysis on weather, demographic, socio-economic triggers

B CDC vs Truven prev. (LOESS fit)



CDC: prop. of patient with influenza

C Non-parametric Granger Causality Coefficient vs Linear Regression Coefficient

