POISSON COKRIGING: A GEOSTATISTICAL MODEL FOR MULTIVARIATE -HEALTH RATE DATA

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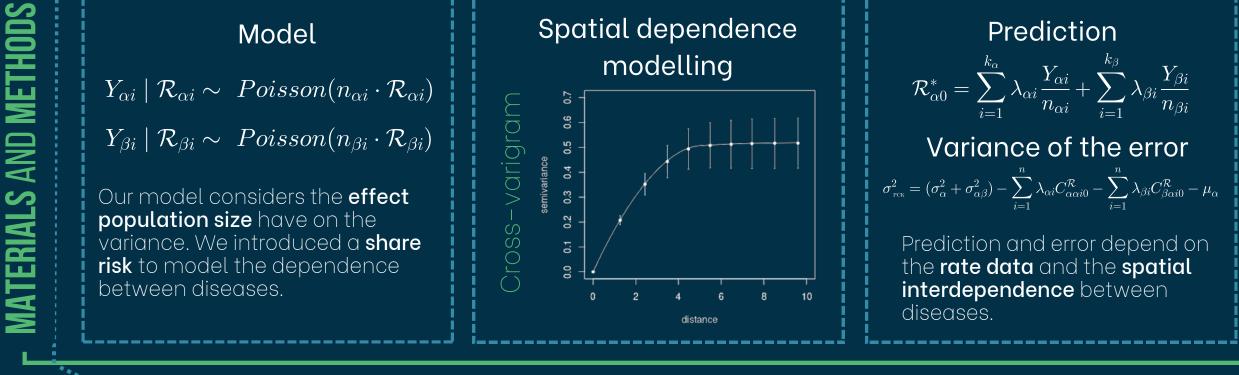
- **Co-occurrence of diseases** is a commonly observed pattern
- Some diseases spatially influence and depend on each other
- Health data often comes aggregated
 Current methods are hard to interpret and implement

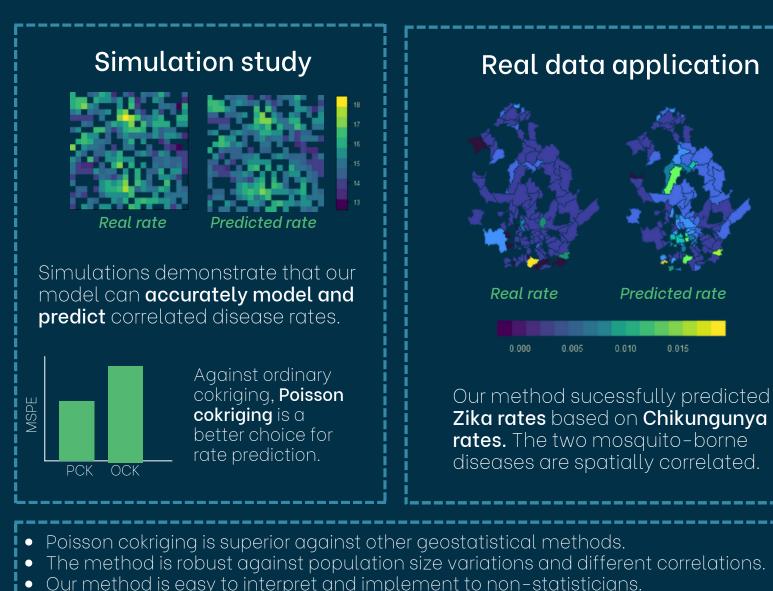
CAN WE SPATIALLY PREDICT A **DISEASE RATE** BASED ON THE RATES OF ANOTHER **CORRELATED DISEASE?**

WE AIM TO JOINTLY ANALYSE TWO DISEASES AFFECTING THE SAME POPULATION.

RESULTS AND DISCUSSIO

modelling









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