Causal Spatial Models

Andrew Zammit Mangion

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Introduction
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- **Univariate** spatial models
- **Multivariate** spatial models
    - Two or more interacting spatial variates
    - Improve prediction on one of the variates by observing the others: **Cokriging**
    - Determine which variate caused the observed phenomenon: **Source separation**

Example 1: Ozone vs MaxT

- Royle & Berliner (1999), Midwestern USA.