# Spillover: Spatial Change Point Estimation Due to Spillover from a Point Source

## Statistical Model

* : Location of the point source;
* for all , where is the number of unique spatial locations;
* : Length vector with each entry equal to zero.

## Options:

* Change Point: ;
* Exponential: ;
* Gaussian: .

## Prior Information

* : Length of vector (same for all );
* Default setting:

;

* Default settings: , .
* Default setting: ,
* Default setting: ,

## Default Initial Values

* for all ;
* ;
* for all ;
* ;
* .