

Exploration methods for spatial models

Models with an at least implicit spatial ontology : rather generic ?
Hybrid level between purely generic methods and model libraries

Input tasks :

- Gridded spatial initial configuration
- Spatial network spatial initial configuration (*target Complex Networks community ?*)

Output tasks :

- Spatial distribution analysis indices (Moran, hierarchy, ...)
- Network analysis indices (*idem*)

Exploration of spatial models

Done :

- Discussion on philosophy with Julien : raster/network as data types, existing data perturbation (Julien) or synthetic data generation (Juste), outputs and indicators. Need for useful examples.
- Beginning of implementation of a `SpatialDistributionSampling` to generate synthetic grids ; integration of spatial morphology indicators.

Objectives :

- Minimal plugin before the end of the coding camp.