

1. Fit geostatistical model

fit.gstatModel

Sampled values

SpatialPointsDataFrame /
geosamples

Trend model

formula

Covariates

SpatialPixelsDataFrame

Fitted model

gstatModel

@regModel

@vgmModel

@sp

2. Predict in the area of interest

predict.gstatModel

predictionLocations

SpatialPixelsDataFrame

nsim (simulations / predictions)

integer

block (support size)

vector

3. Visualize / export (share)

Predictions

SpatialPredictions

Output formats: GeoTiff,
ESRI Shapefile, KML, ...

Web-mapping services,
geodatabase