

# Extending Predictions from Spatial Econometric Models on R

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## Abstract

This repository contains some improvements of the R function used to make predictions from spatial models. The status is actually under construction: *2014-03-24 lun.ç*.

## 1 Getting started

### 1.1 TODO Determine output structure

## 2 How it works

$$\begin{aligned}y &= \rho W y + X\beta + \gamma W X + \varepsilon \\ \varepsilon &= \lambda W \varepsilon + u\end{aligned}$$

## 3 Function from the package `spdep`

Our code is an extension of the function `= actually the default function from the package spdep (Bivand).`

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```
library(spdep) ; predict.sarlm
```

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```
predict-sarlm.R
```

## 4 Original material

## 5 Testing