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# spatial.ly

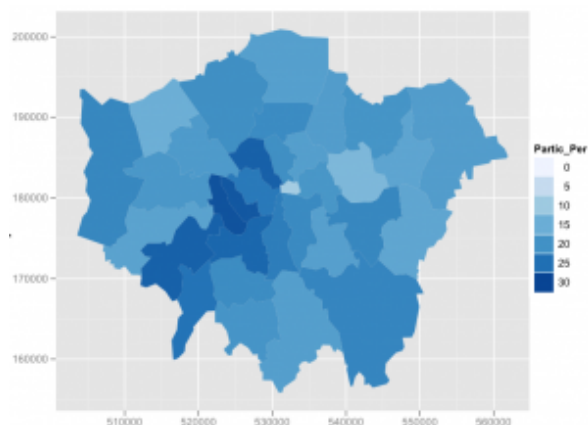
*Visualisation, Analysis and Resources*

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## R Spatial Tips



R is becoming an invaluable tool for spatial data. Here are some useful tips and worksheets for handling spatial data in R. I aim to keep adding to the list and I welcome suggestions and contributions to add to this popular resource.

If you don't know what R is, or need to install it. Please click [here to visit the R CRAN website](#).

[About The Example Data.](#)

[Intro to Handling Spatial Data with R.](#)

[Starting Analysis and Visualisation of Spatial Data with R.](#)

[Introduction to Spatial Data and ggplot2.](#)

[A Crash Course in R.](#)

[Creating a map with R.](#)

[Creating a map with R using ggplot2.](#)

[Complex Maps with ggplot2.](#)

[R Interface to Google Charts](#) (Gapminder Style).

[R Interface to Google Charts](#) (Mapping).

[Exporting KML from R to create maps in Google Earth.](#)

[Clipping/ extracting a surface to within a polygon. Includes dissolving polygons.](#)

[Writing a spatial function: The Location Quotient.](#)

[Creating a TreeMap.](#)

[Installing rgdal on Mac OS X.](#)

[Mapping Great Circles with R.](#)

[Mapping Twitter Followers with R \(external site\).](#)

[Using R as a GIS.](#)

Relevant Book Reviews:

- [Applied Spatial Data Analysis with R.](#)

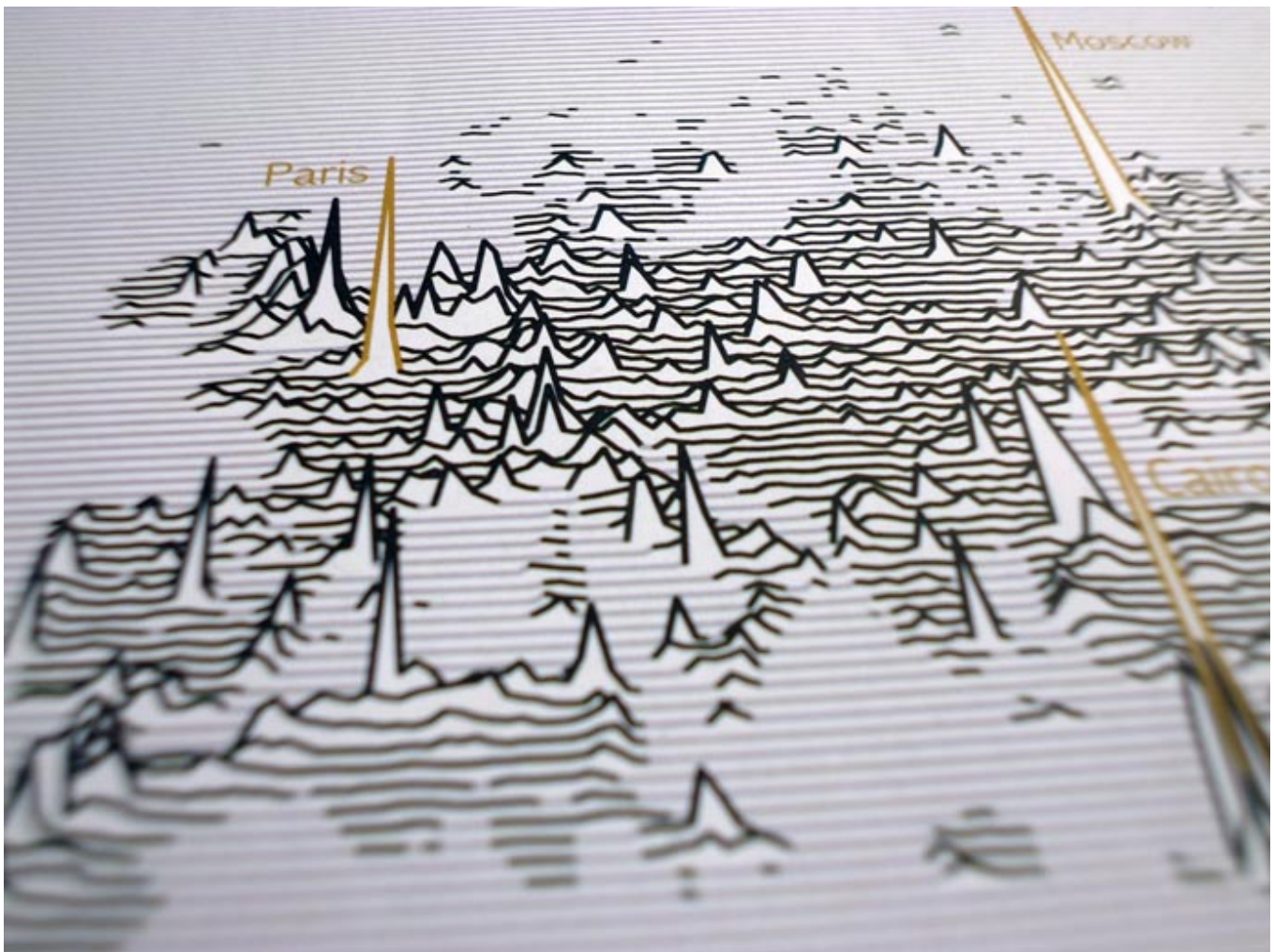
- [Lattice: Multivariate Data Visualization with R.](#)

## About



spatial.ly is written by James Cheshire. James is a lecturer at the [UCL Centre for Advanced Spatial Analysis](#) where he researches, teaches and maps.

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RT @MapLondon: "Cool London"? - where the editors try to define where cool London is, and probably fail.  
[mappinglondon.co.uk/2014/cool-lond...](http://mappinglondon.co.uk/2014/cool-lond...) #datashine

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**Oliver O'Brien** @oobr 17 Jun

Where do people live in London when they are housesharing?  
 This map reveals all: [datashine.org.uk/#zoom=12&lat=5...](http://datashine.org.uk/#zoom=12&lat=5...) (part of our new DataShine platform)

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