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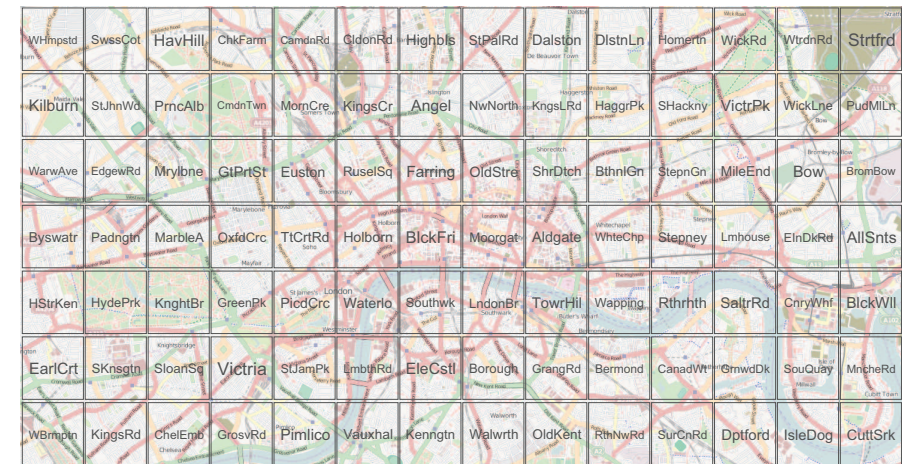


Treemap Cartography for Showing Spatial and Temporal Traffic Patterns

One year of courier traffic in London

Aidan Slingsby, Jo Wood, Jason Dykes
giCentre, Department of Information Science, City University London
<http://gicentre.org/treemaptraffic/>

Spatial (1km grid squares)



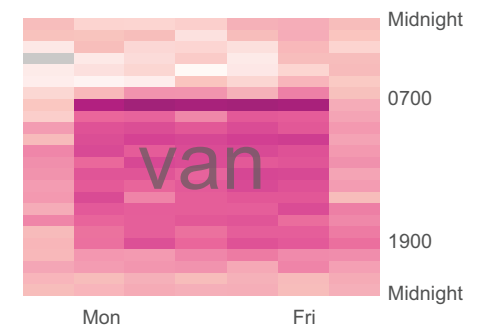
Vehicle type

Arranged consistently
for each grid square



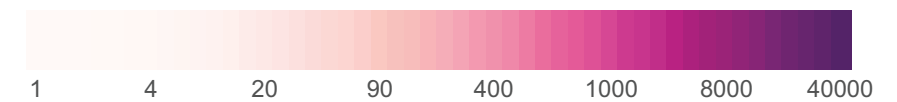
Temporal (calendar views)

Sun-Sat (columns) and midnight-midnight (rows) for each vehicle type.



Traffic density and average speed

Traffic density (number of GPS points)



Average speed (km/h) - includes stationary vehicles



Grey indicates no data.

Traffic data are for June 2006 to May 2007 and are obtained from <http://api.ecourier.co.uk/>. Densities and average speeds calculated 42.2 million GPS points. The London map is from <http://www.openstreetmap.org/>. Colour schemes from <http://colorbrewer.org/> ('RdPu' and 'YlOrBr').

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