



City Research Online

City St George's, University of London

Citation: Beecham, R., Dykes, J., Slingsby, A. & Turkay, C. (2015). Supporting crime analysis through visual design. Paper presented at the VIS 2015, 25-10-2015 - 30-10-2015, Chicago, USA.

This is the accepted version of the paper.

This version of the publication may differ from the final published version. To cite this item please consult the publisher's version.

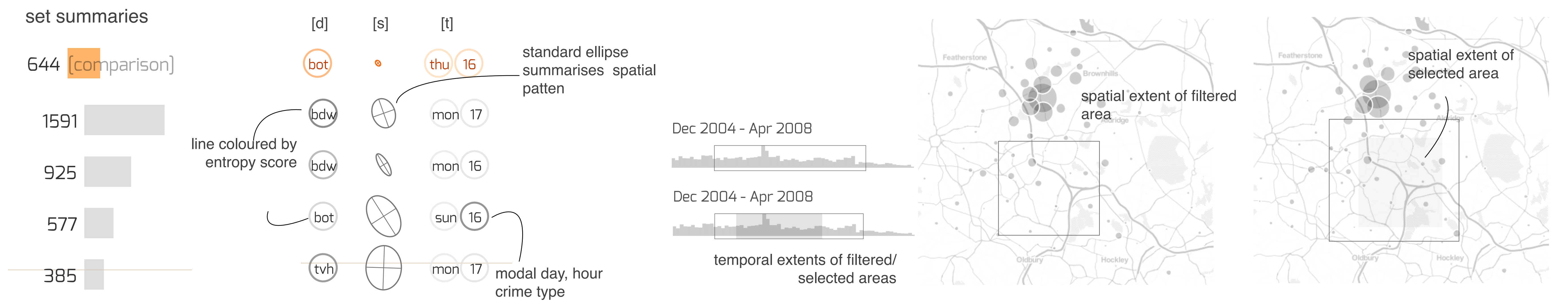
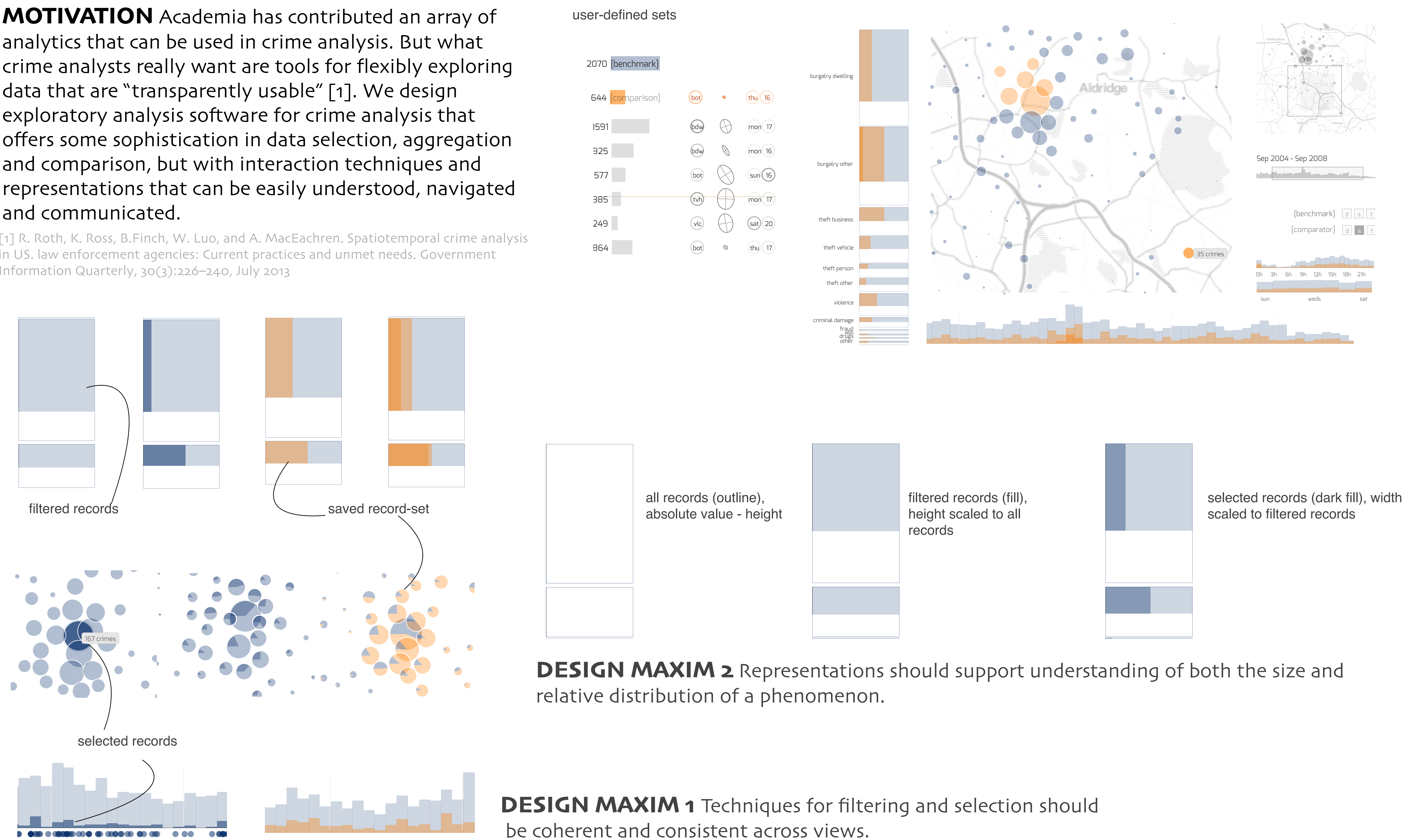
Permanent repository link: <https://city-ref-test.eprints-hosting.org/id/eprint/12331/>

Copyright and Reuse: Copyright and Moral Rights remain with the author(s) and/or copyright holders. Copies of full items can be used for personal research or study, educational, or not-for-profit purposes without prior permission or charge, unless otherwise indicated, provided that the authors, title and full bibliographic details are credited, a hyperlink and/or URL is given for the original metadata page and the content is not changed in any way. For full details of reuse please refer to [City Research Online policy](#).

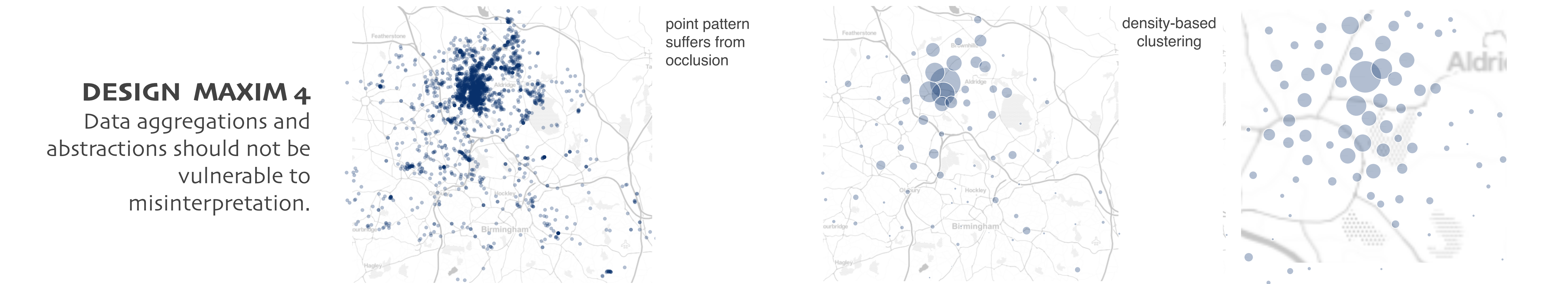
Roger Beecham, Jason Dykes, Aidan Slingsby, Cagatay Turkey
giCentre, City University London

MOTIVATION Academia has contributed an array of analytics that can be used in crime analysis. But what crime analysts really want are tools for flexibly exploring data that are “transparently usable” [1]. We design exploratory analysis software for crime analysis that offers some sophistication in data selection, aggregation and comparison, but with interaction techniques and representations that can be easily understood, navigated and communicated.

[1] R. Roth, K. Ross, B.Finch, W. Luo, and A. MacEachren. Spatiotemporal crime analysis in US. law enforcement agencies: Current practices and unmet needs. Government Information Quarterly, 30(3):226–240, July 2013



DESIGN MAXIM 3 Visual cues should be provided that help orient analysts.



This research was funded by the EU under the EC Grant Agreement No. FP7-IP-6o8142, awarded to Middlesex University and partners.



CITY UNIVERSITY
LONDON

giCentre