

My Chartership Rollercoaster

Dr Heather Tewkesbury

FIMA CMath



Smith *institute*
for industrial mathematics and system engineering



THE LONDON SCHOOL
OF ECONOMICS AND
POLITICAL SCIENCE ■



Whatever the weather

The Smith Institute worked closely with **LSE** to show companies how to use weather predictions to improve business decision-making.



How much will the next generation Airbus aircraft weigh?

The Smith Institute helped leading aircraft manufacturer Airbus to review their weight estimation methods for aircraft weight outlook.



geoplan®

Optimal planning & delivery scheduling

The Smith Institute improved Geoplan's offering to its customers by designing algorithms for seamless optimal territory and route schedules.

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Stopping rogue vessels

The Smith Institute helped the Home Office Scientific Development Branch, now the Centre for Applied Science and Technology, to develop an effective defence against maritime attacks.

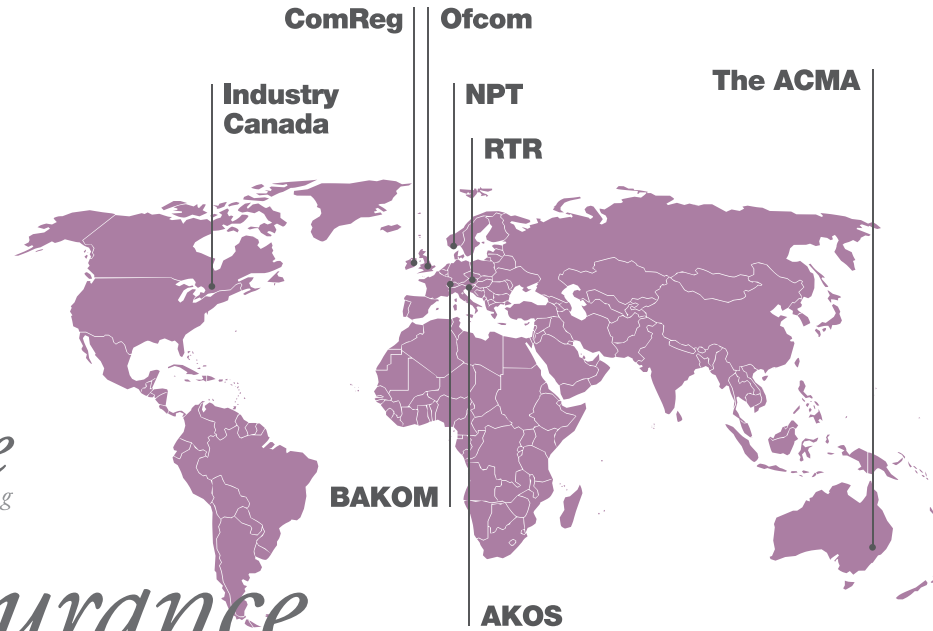
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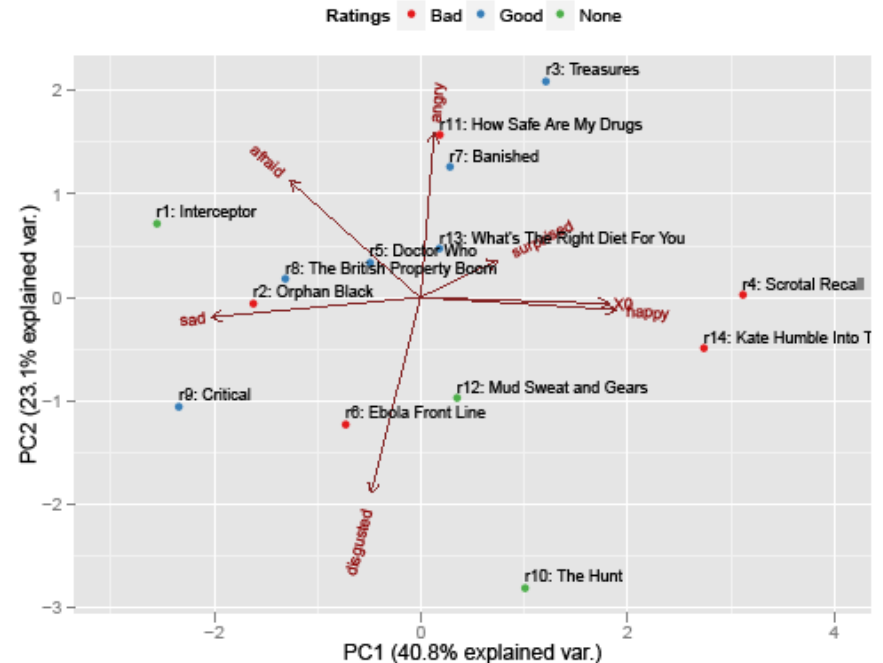
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Quality assurance in spectrum awards

The Smith Institute has supported the preparation, verification and certification of 12 spectrum auctions across 8 countries.



PCA summing over timeseries + subject



Detecting groups

The Smith Institute is investigating under what circumstances groups within a population can be reliably segmented, from noisy time series.



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