



Measuring segregation: methods, tools and data, a two-day workshop

Tuesday 10th – Wednesday 11th February, 2009

School of Geographical Sciences, University of Bristol, University Road, Bristol, BS8 1SS

Hosted by the Bristol Institute of Public Affairs (Centre for Market and Public Organisation and Centre for Multilevel Modelling)

Sponsored by the ESRC National Centre for Research Methods (NCRM) in conjunction with the South West Branch of the Regional Studies Association and the Quantitative Methods Research Group of the Royal Geographical Society (with IBG).

Outline

This is a 2 day workshop combining presentations and discussions on how to measure and to model social and ethnic segregation, with demonstration of software available to do so. It will also explore methods and techniques available to use, collate and combine new sources of administrative and other micro-data. It will be led by members of NCRM nodes LEMMA (Learning Environment for Multilevel Methodology and Applications) and ADMIN (Administrative Data: methods inference & network) in conjunction with the Centre for Market and Public Organisation, a multidisciplinary ESRC Research Centre.

Attendance is free but is limited to approximately 40 persons, inclusive of speakers. Accommodation is not included. To apply for a place please e-mail your name, e-mail address and affiliation to register@segregationworkshop.info, stating which of the days you would like to attend. Bookings will be taken on “a first come, first served” basis, with priority given to those who can attend both days. We will confirm your booking as soon as possible or, if the event is oversubscribed, add your name to the waiting list.

A limited number of small bursaries are available to postgraduates and other “early career” researchers. If you are interested in receiving a bursary, please state this on your e-mail.

We look forward to welcoming you in Bristol!

Richard Harris, School of Geographical Sciences & CMPO, University of Bristol
(on behalf of the organising committee)

Provisional Programme

Day 1: Tuesday 10th, School of Geographical Sciences, University of Bristol

10 – 10.30 am Registration and coffee

10.30 – 10.45 am Welcome and introduction

Session 1: Measurement and Inference

Chair: Harvey Goldstein, Centre for Multilevel Modelling,
University of Bristol

10.45 – 11.30 am Paper 1.1: What should an index of segregation measure?
Rebecca Allen, Institute of Education, University of London

11.30 – 12 pm Paper 1.2: More reliable inference for segregation indices
Frank Windmeijer, CMPO, University of Bristol

12pm – 12.15 pm Discussion

12.15 pm – 1.15 pm Lunch

Session 2: Thinking Geographically

Chair: Kelvyn Jones, Centre for Multilevel Modelling,
University of Bristol

1.15 – 1.45 pm Paper 2.2: Beyond indices of residential segregation, bringing geography in
Ron Johnston, School of Geographical Sciences, University of Bristol

1.45 pm – 2.15 pm Paper 2.2: Exploring Segregation using neighbourhood patterns and
geodemographics
Dan Vickers, Social and Spatial Inequalities Research Group, University of
Sheffield

2.15 pm – 2.45 pm Paper 2.3: Mapping financial exclusion: an historical overview of research
and policy
Sharon Collard, Personal Finance Research Centre, University of Bristol

2.45 – 3 pm Discussion

3pm – 3.30 pm Coffee

Session 3: A Focus on Schools

Chair: Ron Johnston, School of Geographical Sciences, University of Bristol

3.30 pm – 4 pm Paper 3.1: Investigating ethnic segregation in schools: a model-based
approach
Rebecca Pillinger, Centre for Multilevel Modelling, University of Bristol

4 pm – 4.30 pm	Paper 3.2: Polarisation or integration in England's schools: watching the process of segregation Simon Burgess and Jack Worth, CMPO, University of Bristol
4.30 pm – 5 pm	Panel Discussion
Evening	Workshop dinner

Day 2: Wednesday 11th, School of Geographical Sciences, University of Bristol

Session 4: New Data, New Opportunities

Chair: Rebecca Allen, Institute of Education, University of London

9.15 – 9.45 am Paper 4.1: Mapping School Catchment areas to identify Polarization
Rich Harris, School of Geographical Sciences & CMPO, University of Bristol

10.15 – 10.45 am Paper 4.2: Introduction to ADMIN
Anna Vignoles, ADMIN, Institute of Education, University of London

10.45 – 11.30 am **Keynote paper: Innovative proxies for estimating differences in the current levels of assimilation, segregation and upward social mobility of minority communities based on administrative data.**
Richard Webber, Kings College, University of London & OriginsInfo

11.30 – 11.45 am Discussion

12 – 1 pm Lunch

Session 5: 'Hands on' session (Haggett Lab., Geographical Sciences)

1 pm – 1.30 pm Practical 5.1: Introduction to OAC (Output Area Classification) online
Alex Singleton, SPLINT, UCL & Chair, QMRG

1.30 pm – 2.15 pm Practical 5.2: Introduction to Geographically Weighted Regression
Rich Harris, School of Geographical Sciences & CMPO, University of Bristol

2.15 pm – 4.15 pm Practical 5.2: Using multilevel modelling to model segregation
Rebecca Pillinger, Centre for Multilevel Modelling, University of Bristol

