

Analysis methodologies for post-RAE scientometrics

Analysis Methodologies for Post-RAE Scientometrics, and AGM

International Building room IN244

Royal Holloway, University of London, Egham (Surrey)

Multivariate data analysis, and related areas - classification and clustering, psychometrics, low-dimensional or other interpretation-friendly visualizations derived from heterogeneous measurements, measurement theory and data coding/encoding, multivariate correlation, underlying variables, multidimensional features, etc. etc. - are all bread and butter methodologies within the remit of the British Classification Society. The selection of appropriate and/or best data analysis methodologies are a result of a number of issues: the overriding goals of course, but also the availability of well formatted, and ease of access to such, data. The meeting will focus on the early stages of the analysis pipeline.

There is a strong movement towards openness and accesibility in the products of research and scholarly work, cf.

1) Harnad, S. (2007) Open Access Scientometrics and the UK Research Assessment Exercise. In Proceedings of 11th Annual Meeting of the International Society for Scientometrics and Informetrics (in press), Madrid, Spain.

<http://eprints.ecs.soton.ac.uk/13804>

2) Brody, T., Harnad, S. and Carr, L. (2006) Earlier Web Usage Statistics as Predictors of Later Citation Impact. *Journal of the American Association for Information Science and Technology (JASIST)* 57(8) pp. 1060-1072.

3) Carr, L., Hitchcock, S., Oppenheim, C., McDonald, J. W., Champion, T. and Harnad, S. (2006) Extending journal-based research impact assessment to book-based disciplines.

The BCS meeting will be addressed by Drs Les Carr and Tim Brody, of the Intelligence, Agents, Media group, Electronics and Computer Science, University of Southampton.

An aim of this meeting is to discuss and plan the writing of a BCS white paper on data analysis methodologies in the context of what can be considered as open, objective and universal in a metrics context of scholarly and applied research. A part of this discussion is the extent to which unified (perhaps discipline-based) perspectives are desirable over and above the support of a plurality of perspectives.

The "Analysis Methodologies for Post-RAE Scientometrics" meeting will be directly followed by the AGM of the BCS.

Discussion items will include:

- 1) With two journals now supported by the IFCS (International Federation of Classification Societies), viz. Journal of Classification, and Advances in Data Analysis and Classification, what can or should the BCS do to support both? Can both journals be part of a BCS membership subscription?
- 2) Linkage with CSNA.
- 3) Towards a BCS Vision for IFCS.
- 4) Linkage with Royal Statistical Society; British Computer Society.
- 5) Future meetings (including with GfKl in July 2008).

Following the meeting, a position paper was written. Position paper on Open Access and science and scholarly metrics: [text](#).

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