Longitudinal Data Analysis in the Social Sciences

Quantitative Longitudinal Research: References / Resources

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This file is available from http://www.longitudinal.stir.ac.uk/ and the associated WebCT site (http://webct.stir.ac.uk/). It is possible that over time its contents will be updated, so it may help to check back at those sites occasionally.

Part 1: Texts / monographs

i) Introductions to Longitudinal Research Strategies


Wheaton, B. 2003. “When methods make a difference”. *Current Sociology*. 51(5)543-72. (Many of the examples used in this general discussion of social science methodology are concerned with longitudinal data resources).


### ii) Detailed Longitudinal Methods guidance


Gilbert, G.N. 1993. Analyzing Tabular Data : Loglinear and logistic models for social researchers. London: UCL Press. (It is often forgotten that simple forms of longitudinal have long been amenable to loglinear modelling approaches. Gilbert’s book remains one of the best available introductions, whilst Hagenaars – below - covers these topics in much more depth).


Greenacre, M. and Jorg Blasius. 1994. Correspondence Analysis in the Social Sciences : Recent developments and applications. London: Academic Press. (Correspondence Analysis is a widely used technique for describing data relationships that is particularly popular in France. In part 3 of this edited book, examples are given of how longitudinal event history and panel data formats can be analysed with correspondence analysis techniques).


Vermunt, J. K. 1997. *lEM : A general program for the analysis of categorical data*. Tilburg, Netherlands: Tilburg University. (*lEM is a very powerful freeware for analysing categorical data, some forms of which are easily adapted to event history analyses*).


### Longitudinal Data Resources

**iii) Longitudinal Data Resources**


iv) Selected Research Examples


Part II: Selected Internet resources:

Guides to access to longitudinal datasets:
ISER Keeping Track project: http://www.iser.essex.ac.uk/ulsc/projects/ldr4ss/
UK Data Archive: http://www.data-archive.ac.uk/
Economic and Social Data Service: http://www.esds.ac.uk/ (see esp. ‘ESDS Longitudinal’)
UK Question Bank: http://qb.soc.surrey.ac.uk/

Major Longitudinal Data Resources:
British Household Panel Study: http://iserwww.essex.ac.uk/ulsc/bhps/
NCDS and BCS: http://www.cls.ioe.ac.uk/Cohort/Nclds2000/mainncds00.htm
UK Census: http://census.data-archive.ac.uk/
ESDS International (with macro-economic time series’): http://www.esds.ac.uk/international/access/
PSID (longest running national panel social survey, USA): http://psidonline.isr.umich.edu/
LIS (internationally harmonised repeated cross-sectional labour force surveys): http://www.lisproject.org/
IPUMS (internationally harmonised repeated cross-sectional census’s): http://www.ipums.org/
European Social Survey (repeated cross-sectional cross-national): http://www.europeansocialsurvey.org/
ISSP (repeated cross-sectional cross-national): http://www.issp.org/homepage.htm
CHER / PACO: http://www.ceps.lu/CherPaco/CherPaco.htm

Selected Teaching and Learning Materials:
Longitudinal Data Analysis (Stirling University): http://www.longitudinal.stir.ac.uk/
Research Methods Programme: http://www.ecsr.ac.uk/methods/
Centre for Applied Statistics (short course materials online, and national training and consultancy service): http://www.eas.lancs.ac.uk/
UK Longitudinal Studies Research Centre (Essex): http://www.irc.essex.ac.uk/ulsc/
TRAMSS (exemplar longitudinal analyses using ‘SABRE’ and ‘MlwiN’ software): http://tramss.data-archive.ac.uk/Software/index.asp

CENMAP (‘masterclasses’ in longitudinal methods, oriented towards economics students): http://cemmap.ifis.org.uk/training.shtml

SOSIG (see eg ‘internet for social statistics’): http://sosig.ac.uk/

Research Capacity Building Network (training for Education researchers): http://www.cf.ac.uk/sosci/capacity/

Population Studies Centre, University of Western Ontario, Longitudinal side (includes links to teaching materials, sociology course on longitudinal research): http://www.ssc.uwo.ca/sociology/longitudinal/

Research Projects of Interest:


CAMSI (Occupational information over time): http://www.cf.ac.uk/sosci/CAMSIS/

EuroPanel Users Network: http://epunet.essex.ac.uk/