Reading List

1. [1.22] Introduction

2. [1.29] ANOVA, Regression, and Correlation (a tune up).
   Drennan, Robert
   1996  *Statistics for Archaeologists*. Plenum, New York. Chapter 11, Comparing means for more than two samples (pp.167-185), Chapter 14, Relating a measurement variable to another measurement variable (203-234).

   Sokal, Robert F. and F. Jame Rohlf

   Arkush, Elizabeth

   Neiman, F.D.

3. [2.5] Spatial Autocorrelation and Correlograms
   Fortin, Marie-Josee and Mark Dale
   Chapter 1. Introduction (1-31); Chapter 3, Spatial analysis of sampled data, 3 - 3.3.4 (111-147).

   Burrough, Peter A. and Rachel A. McDonnell
   Chapter 5, Creating continuous surfaces from point data (98-111).

   Bove, F.J.

   Neiman, Fraser D.
   1997  Conspicuous consumption as wasteful social advertising: A Darwinian perspective on spatial patterns in Classic Maya terminal monument dates. In *Rediscovering Darwin:...*
Evolutionary Theory in Archaeological Explanation, edited by G. Clarke and M. Barton. Archaeological Papers of the American Anthropological Association, 7,

5. [2.19] Loess.
Cleveland, William S.

6. [2.26] Kriging (and some other interpolation methods)
Burrough, Peter A. and Rachel A. McDonnell
Chapter 5, Creating continuous surfaces from point data (112-131).
Chapter 6, Optimal interpolation using geostatistics (132-161).

Lloyd, C.D. and P.M. Atkinson

Bocquet-Appel, J.P. and P.Y. Demars

[3.5] Spring Vacation

Fortin, Marie-Josee and Mark Dale

Premo, L.S.

Anselin, L.

Recommended:
Ord, J.K. and A Getis

Manley, Brian, F.G.

Fortin, Marie-Josee and Mark Dale
Braun, David P.

Neiman, Fraser D.

Pierce, Christopher

Robertson, Ian

Iversen, Gudmund R.

Bailey, Trevor C. and Anthony C. Gatrell

Martuzzi M and P. Elliott

10. [4.2] Correspondence Analysis
Shennan, Stephen

Smith, Karen Y. and Fraser D. Neiman
2007 Frequency Seriation, Correspondence Analysis, and Woodland-Period Ceramic Assemblage Variation in the Deep South. Southeastern Archaeology.

Duff, Andrew

Recommended:
Ter Braak, Cajo F.
1985 Correspondence analysis of incidence and abundance data: properties in terms of a unimodal response model. Biometrics, 41, 859-873.
11. [4.9] Correspondence Analysis and Bayesian Spatial Smoothing
Baxter, Micheal J.
1994 Exploratory Multivariate Analysis in Archaeology. Edinburgh University Press, Edinburgh. Chapter 5, Correspondence analysis-- the main ideas (pp.100-109), Chapter 6, Correspondence analysis – extensions (pp.110-139)

Legendre, Pierre and Louis Legendre

Neiman, Fraser D. and Karen Y. Smith

Kintigh, Keith

Recommended:

Robertson, Ian

Bailey, Trevor C. and Anthony C. Gatrell

Beardah, C & Baxter, M
1996 The archaeological use of kernel density estimates. Internet Archaeology 1 http://intarch.ac.uk/journal/issue1/beardah_index.html

Bevan, Andrew and James Connolly

Sheather, Simon J
Rogerson, Peter A.

Fotheringham, A. Stewart, Chris Brunsdon, and Martin Charlton