

A2 References

Akaike (1973)

Akaike H. 1973. 'Information theory as an extension of the maximum likelihood principle', pp. 267-281 in Petrov BN & Caski F (eds). *Proceedings, 2nd International Symposium on Information Theory*. Akademiai Kiado, Budapest.

Amanieu, Legendre, Trousellier et al. (1989)

Amanieu, M., Legendre P., Trousellier M. and Frisoni G.-F. (1989) 'Le programme Écothau: théorie écologique et base de la modélisation', *Oceanologica Acta*, 12, pp. 189-199.

Anderson (1935)

Anderson, E. (1935) 'The irises of the Gaspe peninsula', *Bulletin of the American Iris Society*, 59, pp. 2-5.

Anderson (2001a)

Anderson, M.J. (2001a) 'A new method for non-parametric multivariate analysis of variance', *Austral Ecology*, 26, pp. 32-46.

Anderson (2001b)

Anderson, M.J. (2001b) 'Permutation tests for univariate or multivariate analysis of variance and regression', *Canadian Journal of Fisheries and Aquatic Sciences*, 58, pp. 626-639.

Anderson (2006)

Anderson, M.J. (2006) 'Distance-based tests for homogeneity of multivariate dispersions', *Biometrics*, 62, pp. 245-253.

Anderson, Diebel, Blom et al. (2005)

Anderson, M.J., Diebel, C.E., Blom, W.M. and Landers, T.J. (2005) 'Consistency and variation in kelp holdfast assemblages: spatial patterns of biodiversity for the major phyla at different taxonomic resolutions', *Journal of Experimental Marine Biology and Ecology*, 320, pp. 35-56.

Anderson, Ellingsen & McArdle (2006)

Anderson, M.J., Ellingsen, K.E. and McArdle B.H. (2006) 'Multivariate dispersion as a measure of beta diversity', *Ecology Letters*, 9, pp. 683-693.

[Anderson, Ford, Feary et al. \(2004\)](#)

Anderson, M.J., Ford, R.B., Feary, D.A. and Honeywill, C. (2004) 'Quantitative measures of sedimentation in an estuarine system and its relationship with intertidal soft-sediment infauna', *Marine Ecology-Progress Series*, 272, pp. 33–48.

[Anderson & Gribble \(1998\)](#)

Anderson, M.J. and Gribble N.A. (1998) 'Partitioning the variation among spatial, temporal and environmental components in a multivariate data set', *Australian Journal of Ecology*, 23, pp. 158–167.

[Anderson & Legendre \(1999\)](#)

Anderson, M.J. and Legendre, P. (1999) 'An empirical comparison of permutation methods for tests of partial regression coefficients in a linear model', *Journal of Statistical Computation and Simulation*, 62, pp. 271–303.

[Anderson & Millar \(2004\)](#)

Anderson, M.J. and Millar R.B. (2004) 'Spatial variation and effects of habitat on temperate reef fish assemblages in northeastern New Zealand', *Journal of Experimental Marine Biology and Ecology*, 305, pp. 191–221.

[Anderson, Millar, Blom et al. \(2005\)](#)

Anderson, M.J., Millar, R.B., Blom, W.M. and Diebel, C.E. (2005) 'Nonlinear multivariate models of successional change in community structure using the von Bertalanffy curve', *Oecologia*, 146, pp. 279–286.

[Anderson & Robinson \(2001\)](#)

Anderson, M.J. and Robinson, J. (2001) 'Permutation tests for linear models', *Australian & New Zealand Journal of Statistics*, 43, pp. 75–88.

[Anderson & Robinson \(2003\)](#)

Anderson, M.J. and Robinson, J. (2003) 'Generalized discriminant analysis based on distances', *Australian & New Zealand Journal of Statistics*, 45, pp. 301–318.

[Anderson & ter Braak \(2003\)](#)

Anderson, M.J. and ter Braak, C.J.F. (2003) 'Permutation tests for multi-factorial analysis of variance', *Journal of Statistical Computation and Simulation*, 73, pp. 85–113.

[Anderson & Thompson \(2004\)](#)

Anderson, M.J. and Thompson, A.A. (2004) 'Multivariate control charts for ecological and environmental monitoring', *Ecological Applications*, 14, pp. 1921–1935.

[Anderson & Willis \(2003\)](#)

Anderson, M.J. and Willis, T.J. (2003) 'Canonical analysis of principal coordinates: a useful method of constrained ordination for ecology', *Ecology*, 84, pp. 511–525.

[Andrew & Mapstone \(1987\)](#)

Andrew, N.L. and Mapstone, B.D. (1987) 'Sampling and the description of spatial pattern in marine ecology', *Oceanography and Marine Biology, Annual Review*, 25, pp. 39–90.

[Arrhenius \(1921\)](#)

Arrhenius, O. (1921) 'Species and area', *Journal of Ecology*, 9, pp. 95–99.

[Beck \(1997\)](#)

Beck, M.W. (1997) 'Inference and generality in ecology: current problems and an experimental solution', *Oikos (Copenhagen, Denmark)*, 78, pp. 265–273.

[Blackwell, Brown & Mosteller \(1991\)](#)

Blackwell, T., Brown, C. and Mosteller, F. (1991) 'Which denominator?', in F. Mosteller and J.W. Tukey (eds) *Hoaglin DC*. New York: Fundamentals of exploratory analysis of variance. John Wiley & Sons, pp. 252–294.

[Borcard & Legendre \(1994\)](#)

Borcard, D. and Legendre, P. (1994) 'Environmental control and spatial structure in ecological communities: an example using Oribatid mites (Acari, Oribatei)', *Environmental and Ecological Statistics*, 1, pp. 37–53.

[Borcard, Legendre & Drapeau \(1992\)](#)

Borcard, D., Legendre, P. and Drapeau, P. (1992) 'Partialling out the spatial component of ecological variation', *Ecology*, 73, pp. 1045–1055.

[Box \(1953\)](#)

Box, G.E.P. (1953) 'Non-normality and tests on variances', *Biometrika*, 40, pp. 318–335.

[Box \(1954\)](#)

Box, G.E.P. (1954) 'Some theorems on quadratic forms applied in the study of analysis of variance problems, II Effects of inequality of variance and of correlation between errors in the two-way classification', *Annals of Mathematical Statistics*, 25, pp. 484-498.

[Box & Cox \(1964\)](#)

Box, G.E.P. and Cox, D.R. (1964) 'An analysis of transformations', *Journal of the Royal Statistical Society, Series B*, 26, pp. 211-252.

[Bray & Curtis \(1957\)](#)

Bray, J.R. and Curtis, J.T. (1957) 'An ordination of the upland forest communities of southern Wisconsin', *Ecological Monographs*, 27, pp. 325-349.

[Brown \(1983\)](#)

Brown, B.M. (1983) 'Statistical uses of the spatial median', *Journal of the Royal Statistical Society, Series B*, 45, pp. 25-30.

[Brown & Forsythe \(1974\)](#)

Brown, M.B. and Forsythe, A.B. (1974) 'Robust tests for the equality of variances', *Journal of the American Statistical Association*, 69, pp. 364-376.

[Bumpus \(1898\)](#)

Bumpus, H.C. (1898) 'The elimination of the unfit as illustrated by the introduced sparrow, *Passer domesticus*', *Biological Lectures, Marine Biology Laboratory, Woods Hole, Massachusetts 11th Lecture*, 11, pp. 209-226.

[Burnham & Anderson \(2002\)](#)

Burnham, K.P. and Anderson, D.R. (2002) *Model selection and multi-model inference: a practical information-theoretic approach*, 2nd edition. New York: Springer.

[Cade & Richards \(1996\)](#)

Cade, B.S. and Richards, J.D. (1996) 'Permutation tests for least absolute deviation regression', *Biometrics. Journal of the International Biometric Society*, 52, pp. 886-902.

[Cailliez \(1983\)](#)

Cailliez, F. (1983) 'The analytical solution of the additive constant problem', *Psychometrika*, 48, pp. 305–308.

[Cailliez & Pagès 1976](#)

Cailliez, F. and Pagès, J.-P. (1976) *Introduction à l'analyse des données*. Société de Mathématiques appliquées et de Sciences humaines, Paris.

[Chapman, Underwood & Skilleter \(1995\)](#)

Chapman, M.G., Underwood, A.J. and Skilleter, G.A. (1995) 'Variability at different spatial scales between a subtidal assemblage exposed to the discharge of sewage at two control locations', *Journal of Experimental Marine Biology and Ecology*, 189, pp. 103–122.

[Clarke \(1993\)](#)

Clarke, K.R. (1993) 'Non-parametric multivariate analyses of changes in community structure', *Australian Journal of Ecology*, 18, pp. 117–143.

[Clarke, Chapman, Somerfield et al. \(2006\)](#)

Clarke, K.R., Chapman, M.G., Somerfield, P.J. and Needham, H.R. (2006) 'Dispersion-based weighting of species counts in assemblage analyses', *Marine Ecology Progress Series*, 320, pp. 11–27.

[Clarke & Gorley \(2006\)](#)

Clarke, K.R. and Gorley, R.N. (2006 or 2015) *PRIMER v6 (or v7): User Manual/Tutorial*. Plymouth: PRIMER-E.

[Clarke & Green \(1988\)](#)

Clarke, K.R. and Green, R.H. (1988) 'Statistical design and analysis for a "biological effects" study', *Mar. Ecol. Prog. Ser.*, 46, pp. 213–226.

[Clarke, Somerfield, Airolidi et al. \(2006\)](#)

Clarke, K.R., Somerfield, P.J., Airolidi, L. and Warwick, R.M. (2006) 'Exploring interactions by second-stage community analyses', *Journal of Experimental Marine Biology and Ecology*, 338, pp. 179–192.

[Clarke, Somerfield & Chapman \(2006\)](#)

Clarke, K.R., Somerfield, P.J. and Chapman, M.G. (2006) 'On resemblance measures for ecological studies, including taxonomic dissimilarities and a zero-adjusted Bray-Curtis coefficient for denuded

assemblages', *Journal of Experimental Marine Biology and Ecology*, 330, pp. 55–80.

[Clarke & Warwick \(2001\)](#)

Clarke, K.R. and Warwick, R.M. (2001) *Change in marine communities, 2nd edition*. Plymouth: PRIMER-E Ltd.

[Cleary, Genner, Boyle et al. \(2005\)](#)

Cleary, D.F.R., Genner, M.J., Boyle T.J.B., Setyawati, T., Angraeti, C.D. and Menken, S.B.J. (2005) 'Associations of bird richness and community composition with local and landscape-scale environmental factors in Borneo', *Landscape Ecology*, 20, pp. 989–1001.

[Coleman, Vytopil, Goodsell et al. \(2007\)](#)

Coleman, M.A., Vytopil, E., Goodsell, P.J., Gillanders, B.M. and Connell, S.D. (2007) 'Diversity and depth-related patterns of mobile invertebrates associated with kelp forests', *Marine and Freshwater Research*, 58, pp. 589–595.

[Connor & McCoy \(1979\)](#)

Connor, E.F. and McCoy, E.D. (1979) 'The statistics and biology of the species-area relationship', *American Naturalist*, 113, pp. 791–833.

[Conover, Johnson & Johnson \(1981\)](#)

Conover, W.J., Johnson, M.E. and Johnson, M.M. (1981) 'A comparative study of tests for homogeneity of variances, with applications to the outer continental shelf bidding data', *Technometrics: a journal of statistics for the physical, chemical, and engineering sciences*, 23, pp. 351–361.

[Cooper, Green, Norkko et al. \(1999\)](#)

Cooper, A.B., Green, M.O., Norkko, A., Oldman, J.W., Stroud, M.J. and Thrush, S.F. (1999) 'Assessment of sediment impacts on Okura estuary associated with catchment development: synthesis', *Report No ARC*, 9024.

[Cornfield & Tukey \(1956\)](#)

Cornfield, J. and Tukey, J.W. (1956) 'Average values of mean squares in factorials', *Annals of Mathematical Statistics*, 27, pp. 907–949.

[Day & Quinn \(1989\)](#)

Day, R.W. and Quinn, G.P. (1989) 'Comparisons of treatments after an analysis of variance in ecology', *Ecological Monographs*, 59, pp. 433-463.

[Draper, Hodges, Mallows et al. \(1993\)](#)

Draper, D., Hodges, J.S., Mallows, C.L. and Pregibon, D. (1993) 'Exchangeability and data analysis', *Journal of the Royal Statistical Society, Series A*, 156, pp. 9-37.

[Dutilleul, Stockwell, Frigou et al. \(2000\)](#)

Dutilleul, P., Stockwell, J.D., Frigou, D. and Legendre, P. (2000) 'The Mantel-Pearson paradox: statistical considerations and ecological implications', *Journal of Agricultural, Biological and Environmental Statistics*, 5, pp. 131-150.

[Dwass \(1957\)](#)

Dwass, M. (1957) 'Modified randomization tests for nonparametric hypotheses', *Annals of Mathematical Statistics*, 28, pp. 181-187.

[Edgington \(1995\)](#)

Edginton, E.S. (1995) *Randomization tests, 3rd edition*. New York: Marcel Dekker.

[Ellingsen & Gray \(2002\)](#)

Ellingsen, K.E. and Gray, J.S. (2002) 'Spatial patterns of benthic diversity: is there a latitudinal gradient along the Norwegian continental shelf?', *Journal of Animal Ecology*, 71, pp. 373-389.

[Excoffier, Smouse & Quattro \(1992\)](#)

Excoffier, L., Smouse, P.E. and Quattro, J.M. (1992) 'Analysis of molecular variance inferred from metric distances among DNA haplotypes: application to human mitochondrial DNA restriction data', *Genetics*, 131, pp. 479-491.

[Faith, Humphrey & Dostine \(1991\)](#)

Faith, D.P., Humphrey, C.L. and Dostine, P.L. (1991) 'Statistical power and BACI designs in biological monitoring: comparative evaluation of measures of community dissimilarity based on benthic macroinvertebrate communities in Rockhole Mine Creek, Northern Territory, Australia', *Australian Journal of Marine and Freshwater Research*, 42, pp. 589-602.

[Faith, Minchin & Belbin \(1987\)](#)

Faith, D.P., Minchin, P.R. and Belbin, L. (1987) 'Compositional dissimilarity as a robust measure of ecological distance', *Vegetatio*, 69, pp. 57–68.

Fisher (1924)

Fisher, R.A. (1924) 'On a distribution yielding the error functions of several well-known statistics', in *Proceedings of the international congress of mathematics*. Toronto 2, pp. 805–813.

Fisher (1935)

Fisher, R.A. (1935) *Design of experiments*. Edinburgh: Oliver & Boyd.

Fisher (1936)

Fisher, R.A. (1936) 'The use of multiple measurements in taxonomic problems', *Annals of Eugenics*, 7(Part II), pp. 179–188.

Fletcher, Mackenzie & Villouta (2005)

Fletcher, D., Mackenzie, D. and Villouta, E. (2005) 'Modelling skewed data with many zeros: a simple approach combining ordinary and logistic regression', *Environmental and Ecological Statistics*, 12, pp. 45–54.

Fletcher & Underwood (2002)

Fletcher, D.J. and Underwood, A.J. (2002) 'How to cope with negative estimates of components of variance in ecological field studies', *Journal of Experimental Marine Biology and Ecology*, 273, pp. 89–95.

Freedman & Lane (1983)

Freedman, D. and Lane, D. (1983) 'A nonstochastic interpretation of reported significance levels', *Journal of Business and Economic Statistics*, 1, pp. 292–298.

Gates (1995)

Gates, C.E. (1995) 'What really is experimental error in block designs?', *The American Statistician*, 49, pp. 362–363.

Gaylor & Hopper (1969)

Gaylor, D.W. and Hopper, F.N. (1969) 'Estimating the degrees of freedom for linear combinations of mean squares by Satterthwaite's formula', *Technometrics: a journal of statistics for the physical, chemical, and engineering sciences*, 11, pp. 691–706.

[Geisser & Greenhouse \(1958\)](#)

Geisser, S. and Greenhouse, S.W. (1958) 'An extension of Box's results on the use of the F distribution in multivariate analysis', *Annals of Mathematical Statistics*, 29, pp. 885–891.

[Gittins \(1985\)](#)

Gittins, R. (1985) *Canonical analysis: a review with applications in ecology*. Berlin: Springer-Verlag.

[Glasby \(1997\)](#)

Glasby, T.M. (1997) 'Analysing data from post-impact studies using asymmetrical analyses of variance: a case study of epibiota on marinas', *Australian Journal of Ecology*, 22, pp. 448–459.

[Glasby \(1999\)](#)

Glasby, T.M. (1999) 'Interactive effects of shading and proximity to the seafloor on the development of subtidal epibiotic assemblages', *Marine Ecology Progress Series*, 190, pp. 113–124.

[Godinez-Dominguez & Freire \(2003\)](#)

Godinez-Dominguez, E. and Freire, J. (2003) 'Information-theoretic approach for selection of spatial and temporal models of community organisation', *Marine Ecology Progress Series*, 253, pp. 17–24.

[Gonzalez & Manly \(1998\)](#)

Gonzalez, L. and Manly, B.F.J. (1998) 'Analysis of variance by randomization with small data sets', *Environmetrics (London, Ont.)*, 9, pp. 53–65.

[Good \(1982\)](#)

Good, I.J. (1982) 'An index of separateness of clusters and a permutation test for its significance', *Journal of Statistical Computation and Simulation*, 15, pp. 261–275.

[Goodsell & Connell \(2002\)](#)

Goodsell, P.J. and Connell, S.D. (2002) 'Can habitat loss be treated independently of habitat configuration? Implications for rare and common taxa in fragmented landscapes', *Marine Ecology Progress Series*, 239, pp. 37–44.

[Gower \(1966\)](#)

Gower, J.C. (1966) 'Some distance properties of latent root and vector methods used in multivariate analysis', *Biometrika*, 53, pp. 325–338.

Gower (1974)

Gower, J.C. (1974) 'Algorithm AS 78: The mediancentre', *Applied Statistics*, 23, pp. 466-470.

Gower (1982)

Gower, J.C. (1982) 'Euclidean distance geometry', *Mathematical Scientist*, 7, pp. 1-14.

Gower (1987)

Gower, J.C. (1987) 'Introduction to ordination techniques', in P. Legendre and L. Legendre (eds) *Developments in numerical ecology*. Vol. G14, Springer-Verlag, Berlin: NATO ASI Series, pp. 3-64.

Gower & Hand (1996)

Gower, J.C. and Hand, D.J. (1996) *Biplots*. London: Chapman & Hall.

Gower & Krzanowski (1999)

Gower, J.C. and Krzanowski, W.J. (1999) 'Analysis of distance for structured multivariate data and extensions to multivariate analysis of variance', *Applied Statistics*, 48, pp. 505-519.

Gower & Legendre (1986)

Gower, J.C. and Legendre, P. (1986) 'Metric and Euclidean properties of dissimilarity coefficients', *Journal of Classification*, 3, pp. 5-48.

Gray, Clarke, Warwick et al. (1990)

Gray, J.S., Clarke, K.R., Warwick, R.M. and Hobbs, G. (1990) 'Detection of initial effects of pollution on marine benthos: an example from the Ekofisk and Eldfisk oilfields, North Sea', *Marine Ecology Progress Series*, 66, pp. 285-299.

Green & Oldman (1999)

Green, M.O. and Oldman, J.W. (1999) 'Deposition of flood-borne sediment in Okura estuary. ARC', Report No. ARC90242/2. National Institute of Water and Atmospheric Research, Hamilton, New Zealand [Preprint].

Green (1979)

Green, R.H. (1979) *Sampling design and statistical methods for environmental biologists*. New York: John Wiley & Sons.

Green (1993)

Green, R.H. (1993) 'Application of repeated-measures designs in environmental-impact and monitoring studies', *Australian Journal of Ecology*, 18, pp. 81-98.

Gurevitch & Chester (1986)

Gurevitch, J. and Chester, S.T. (1986) 'Analysis of repeated measures experiments', *Ecology*, 67, pp. 251-255.

Haldane (1948)

Haldane, J.B.S. (1948) 'Note on the median of a multivariate distribution', *Biometrika*, 35, pp. 414-415.

Hartley (1967)

Hartley, H.O. (1967) 'Expectations, variances and covariances of ANOVA mean squares by 'synthesis'', *Biometrics. Journal of the International Biometric Society*, 23, pp. 105-114.

Hartley & Searle (1969)

Hartley, H.O. and Searle, S.R. (1969) 'On interaction variance components in mixed models', *Biometrics. Journal of the International Biometric Society*, 25, pp. 573-576.

Hepner, Homewood & Taylor (2002)

Hepner, I.J., Homewood, J. and Taylor, A.J. (2002) 'Methadone disrupts performance on the working memory version of the Morris water task', *Physiology & Behavior*, 76, pp. 41-49.

Hines (1996)

Hines, W.G.S. (1996) 'Pragmatics of pooling in ANOVA tables', *The American Statistician*, 50, pp. 127-139.

Hocking (1973)

Hocking, R.R. (1973) 'A discussion of the two-way mixed model', *The American Statistician*, 27, pp. 148-152.

Hope (1968)

Hope, A.C.A. (1968) 'A simplified Monte Carlo significance test procedure', *Journal of the Royal Statistical Society, Series B*, 30, pp. 582-598.

Hoyle & Murphy (2006)

Hoyle, F.C. and Murphy, D.V. (2006) 'Seasonal changes in microbial function and diversity associated with stubble retention versus burning', *Australian Journal of Soil Research*, 44, pp. 407-423.

Hurlbert (1971)

Hurlbert, S.H. (1971) 'The nonconcept of species diversity: a critique and alternative parameters', *Ecology*, 52, pp. 577-586.

Hurlbert (1984)

Hurlbert, S.H. (1984) 'Pseudoreplication and the design of ecological field experiments', *Ecological Monographs*, 54, pp. 187-211.

Hurvich & Tsai (1989)

Hurvich, C.M. and Tsai, C.-L. (1989) 'Regression and time-series model selection in small samples', *Biometrika*, 76, pp. 297-307.

Huynh & Mandeville (1979)

Huynh, H. and Mandeville, G.K. (1979) 'Validity conditions in repeated measures design', *Psychological Bulletin*, 86, pp. 964-973.

Huynh & Feldt (1970)

Huynh, H. and Feldt, L.S. (1970) 'Conditions under which mean square ratios in repeated measurements designs have exact F-distributions', *Journal of the American Statistical Association*, 65, pp. 1582-1589.

Huynh & Feldt (1976)

Huynh, H. and Feldt, L.S. (1976) 'Estimation of the Box correction for degrees of freedom from sample data in randomized and split-plot designs', *Journal of Educational Statistics*, 1, pp. 69-82.

Janky (2000)

Janky, D.G. (2000) 'Sometimes pooling for analysis of variance hypothesis tests: a review and study of a split-plot model', *The American Statistician*, 54, pp. 269-279.

Johnson & Field (1993)

Johnson, C.R. and Field, C.A. (1993) 'Using fixed-effects model multivariate analysis of variance in marine biology and ecology', *Oceanography and Marine Biology, Annual Review*, 31, pp. 177-221.

[Johnson & Wichern \(1992\)](#)

Johnson, R.A. and Wichern, D.W. (1992) *Applied multivariate statistical analysis, 3rd edition.* Englewood Cliffs, New Jersey: Prentice-Hall.

[Kempthorne \(1952\)](#)

Kempthorne, O. (1952) *The design and analysis of experiments.* New York: John Wiley & Sons.

[Kempthorne \(1966\)](#)

Kempthorne, O. (1966) 'Some aspects of experimental inference', *Journal of the American Statistical Association*, 61, pp. 11-34.

[Kempthorne & Doerfler \(1969\)](#)

Kempthorne, O. and Doerfler, T.E. (1969) 'The behaviour of some significance tests under experimental randomization', *Biometrika*, 56, pp. 231-248.

[Kenkel & Orloci \(1986\)](#)

Kenkel, N.C. and Orloci, L. (1986) 'Applying metric and nonmetric multidimensional scaling to some ecological studies: some new results', *Ecology*, 67, pp. 919-928.

[Kennedy & Cade \(1996\)](#)

Kennedy, P.E. and Cade, B.S. (1996) 'Randomization tests for multiple regression', *Communications in Statistics - Simulation and Computation*, 25, pp. 923-936.

[Kiflawi & Spencer \(2004\)](#)

Kiflawi, M. and Spencer, M. (2004) 'Confidence intervals and hypothesis testing for beta diversity', *Ecology*, 85, pp. 2895-2900.

[Kruskal \(1964\)](#)

Kruskal, J.B. (1964) 'Multidimensional scaling by optimizing a goodness of fit to a nonmetric hypothesis', *Psychometrika*, 29, pp. 1-28.

[Kruskal \(1965\)](#)

Kruskal, J.B. (1965) 'Analysis of factorial experiments by estimating monotone transformations of the data', *Journal of the Royal Statistical Society, Series B*, 27, pp. 251-263.

[Kruskal & Wish \(1978\)](#)

Kruskal, J.B. and Wish, M. (1978) *Multidimensional scaling*. Beverly Hills: Sage Publications.

[Krzanowski \(1993\)](#)

Krzanowski, W.J. (1993) 'Permutational tests for correlation matrices', *Statistics and Computing*, 3, pp. 37–44.

[Lachenbruch & Mickey \(1968\)](#)

Lachenbruch, P.A. and Mickey, M.R. (1968) 'Estimation of error rates in discriminant analysis', *Technometrics : a journal of statistics for the physical, chemical, and engineering sciences*, 10, pp. 1-11.

[Legendre \(2000\)](#)

Legendre, P. (2000) 'Comparison of permutation methods for the partial correlation and partial Mantel tests', *Journal of Statistical Computation and Simulation*, 67, pp. 37–73.

[Legendre & Anderson \(1999\)](#)

Legendre, P. and Anderson, M.J. (1999) 'Distance-based redundancy analysis: testing multispecies responses in multifactorial ecological experiments', *Ecological Monographs*, 69, pp. 1–24.

[Legendre, Borcard & Peres-Neto \(2005\)](#)

Legendre, P., Borcard, D. and Peres-Neto, P.R. (2005) 'Analyzing beta diversity: partitioning the spatial variation of community composition data', *Ecological Monographs*, 75, pp. 435–450.

[Legendre & Gallagher \(2001\)](#)

Legendre, P. and Gallagher, E.D. (2001) 'Ecologically meaningful transformations for ordination of species data', *Oecologia*, 129, pp. 271–280.

[Legendre & Legendre \(1998\)](#)

Legendre, P. and Legendre, L. (1998) *Numerical ecology*, 2nd English edition. Amsterdam: Elsevier.

[Levene \(1960\)](#)

Levene, H. (1960) 'Robust tests for equality of variances', in S.G. Ghurye et al. (eds) *Olkin I*. Stanford, California: Contributions to probability and statistics. Stanford University Press, pp. 278–292.

[Lingoes \(1971\)](#)

Lingoes, J.C. (1971) 'Some boundary conditions for a monotone analysis of symmetric matrices', *Psychometrika*, 36, pp. 195–203.

Lubischew (1962)

Lubischew, A.A. (1962) 'On the use of discriminant functions in taxonomy', *Biometrics. Journal of the International Biometric Society*, 18, pp. 455–477.

Mac Nally & Timewell (2005)

Mac Nally, R. and Timewell, C.A.R. (2005) 'Resource availability controls bird-assemblage composition through interspecific aggression', *The Auk*, 122, pp. 1097–1111.

Magurran (2004)

Magurran, A.E. (2004) *Measuring biological diversity*. Oxford: Blackwell Publishing.

Makarenkov & Legendre (2002)

Makarenkov, V. and Legendre, P. (2002) 'Nonlinear redundancy analysis and canonical correspondence analysis based on polynomial regression', *Ecology*, 83, pp. 1146–1161.

Manly (1994)

Manly, B.F.J., M. (1994) *Multivariate statistical methods: a primer, 2nd edition*. Boca Raton, Florida: Chapman and Hall.

Manly (1997)

Manly, B.F.J. (1997) *Randomization, bootstrap and Monte Carlo methods in biology, 2nd edition*. London: Chapman & Hall.

Manly (2006)

Manly, B.F.J. (2006) *Randomization, bootstrap and Monte Carlo methods in biology, 3rd edition*. London: Chapman & Hall.

Manly (1994)

Manly, B.F.J. (1994) *Multivariate statistical methods: a primer, 2nd edition*. Boca Raton, Florida: Chapman and Hall.

Mantel (1967)

Mantel, N. (1967) 'The detection of disease clustering and a generalized regression approach', *Cancer Research*, 27, pp. 209-220.

[Mardia \(1971\)](#)

Mardia, K.V. (1971) 'The effect of non-normality on some multivariate tests and robustness to nonnormality in the linear model', *Biometrika*, 58, pp. 105-21.

[Mardia, Kent & Bibby \(1979\)](#)

Mardia, K.V., Kent, J.T. and Bibby, J.M. (1979) *Multivariate analysis*. London: Academic Press.

[Mauchley \(1940\)](#)

Mauchley, J.W. (1940) 'Significance test for sphericity of a normal n-variate distribution', *Annals of Mathematical Statistics*, 11, pp. 204-209.

[McArdle \(1988\)](#)

McArdle, B.H. (1988) 'The structural relationship - regression in biology', *Canadian Journal of Zoology*, 66, pp. 2329-2339.

[McArdle \(1990\)](#)

McArdle, B.H. (1990) 'Detecting and displaying impacts of biological monitoring: spatial problems and partial solutions', *Proceedings of Invited Papers, XVth International Biometrics Conference, IBC, Budapest*, pp. 249-255.

[McArdle \(1994\)](#)

McArdle, B.H. (1994) 'BACI for community ecologists: permutation tests for interaction terms in multivariate analysis of variance on dissimilarity matrices', *Invited paper presented at the 4th Conference of The International Environmetrics Society (TIES), Burlington, Ontario, Canada* [Preprint].

[McArdle \(2003\)](#)

McArdle, B.H. (2003) 'Lines, models, and errors: regression in the field', *Limnology and Oceanography*, 48, pp. 1363-1366.

[McArdle & Anderson \(2001\)](#)

McArdle, B.H. and Anderson, M.J. (2001) 'Fitting multivariate models to community data: a comment on distance-based redundancy analysis', *Ecology*, 82, pp. 290-297.

[McArdle, Gaston & Lawton \(1990\)](#)

McArdle, B.H., Gaston, K.J. and Lawton, J.H. (1990) 'Variation in the size of animal populations: patterns, problems and artefacts', *Journal of Animal Ecology*, 59, pp. 439–454.

[McArdle & Anderson \(2004\)](#)

McArdle, B.H. and Anderson, M.J. (2004) 'Variance heterogeneity, transformations and models of species abundance: a cautionary tale', *Canadian Journal of Fisheries and Aquatic Sciences*, 61, pp. 1294–1302.

[McLean, Sanders & Stroup \(1991\)](#)

McLean, R.A., Sanders, W.L. and Stroup, W.W. (1991) 'A unified approach to mixed linear models', *The American Statistician*, 45, pp. 54–64.

[Mead \(1988\)](#)

Mead, R. (1988) *The design of experiments: statistical principles for practical application*. Cambridge: Cambridge University Press.

[Mielke & Berry \(2001\)](#)

Mielke, P.W. and Berry, K.J. (2001) *Permutation methods: a distance function approach*. New York: Springer-Verlag.

[Millar, Anderson & Zunun \(2005\)](#)

Millar, R.B., Anderson, M.J. and Zunun, G. (2005) 'Fitting nonlinear environmental gradients to community data: a general distance-based approach', *Ecology*, 86, pp. 2245–2251.

[Minchin \(1987\)](#)

Minchin, P.R. (1987) 'An evaluation of the relative robustness of techniques for ecological ordination', *Vegetatio*, 69, pp. 89–107.

[Neter, Kutner, Nachtsheim et al. \(1996\)](#)

Neter, J., Kutner, M.H., Nachtsheim, C.J. and Wasserman, W. (1996) *Applied linear statistical models, 4th edition*. Chicago, Illinois: Irwin.

[Nishii \(1984\)](#)

Nishii, R. (1984) 'Asymptotic properties of criteria for selection of variables in multiple regression', *Annals of Statistics*, 12, pp. 758–765.

O'Brien (1992)

O'Brien, P.C. (1992) 'Robust procedures for testing equality of covariance matrices', *Biometrics. Journal of the International Biometric Society*, 48, pp. 819–827.

Olson (1974)

Olson, C.L. (1974) 'Comparative robustness of six tests in multivariate analysis of variance', *Journal of the American Statistical Association*, 69, pp. 894–908.

Olson (1975)

Olson, C.L. (1975) 'A Monte Carlo investigation of the robustness of multivariate analysis of variance', *Psychological Bulletin*, 86, pp. 1350–1352.

Olson (1976)

Olson, C.L. (1976) 'On choosing a test statistic in multivariate analysis of variance', *Psychological Bulletin*, 83, pp. 579–586.

Pearson & Blackstock (1984)

Pearson, T.H. and Blackstock, J. (1984) *Garroch Head sledge dumping ground survey, final report*. Dunstaffnage Marine Research Laboratory (unpublished).

Peres-Neto, Legendre, Dray et al. (2006)

Peres-Neto, P.R., Legendre, P., Dray, S. and Borcard, D. (2006) 'Variation partitioning of species data matrices: estimation and comparison of fractions', *Ecology*, 87, pp. 2614–2625.

Pertoldi, Garcia-Perea, Godoy et al. (2006)

Pertoldi, C., Garcia-Perea, R., Godoy, J.A., Delibes, M. and Loeschcke, V. (2006) 'Morphological consequences of range fragmentation and population decline on the endangered Iberian lynx (*Lynx pardinus*)', *Journal of Zoology*, 268, pp. 73–86.

Pesarin (2001)

Pesarin, F. (2001) *Multivariate permutation tests with applications in biostatistics*. New York: John Wiley & Sons.

Pillar & Orloci (1996)

Pillar, V.D.P. and Orloci, L. (1996) 'On randomization testing in vegetation science: multifactor comparisons of relevé groups', *Journal of Vegetation Science*, 7, pp. 585–592.

Pitman (1937a)

Pitman, E.J.G. (1937a) 'Significance tests which may be applied to samples from any populations', *Journal of the Royal Statistical Society, Series B*, 4, pp. 119–130.

Pitman (1937b)

Pitman, E.J.G. (1937b) 'Significance tests which may be applied to samples from any populations. II. The correlation coefficient test', *Journal of the Royal Statistical Society, Series B*, 4, pp. 225–232.

Pitman (1937c)

Pitman, E.J.G. (1937c) 'Significance tests which may be applied to samples from any populations. III. The analysis of variance test', *Journal of the Royal Statistical Society, Series B*, 4, pp. 322–335.

Popper (1959)

Popper, K.R. (1959) *The logic of scientific discovery*. London: Hutchinson.

Popper (1963)

Popper, K.R. (1963) *Conjectures and refutations: the growth of scientific knowledge*. London: Routledge and Kegan Paul.

Prober, Thiele & Hunt (2007)

Prober, S.M., Thiele, K.R. and Hunt, I.D. (2007) 'Fire frequency regulates tussock grass composition, structure and resilience in endangered temperate woodlands', *Austral Ecology*, 32, pp. 808–824.

Quinn & Keough (2002)

Quinn, G.P. and Keough, M.J. (2002) *Experimental design and data analysis for biologists*. Cambridge: Cambridge University Press.

Rao (1995)

Rao, C.R. (1995) 'A review of canonical coordinates and an alternative to correspondence analysis using Hellinger distance', *Questio*, 19, pp. 23–63.

Rao (1968)

Rao, J.N.K. (1968) 'On expectations, variances, and covariances of ANOVA mean squares by 'synthesis'', *Biometrics. Journal of the International Biometric Society*, 24, pp. 963–978.

Raufaste & Rousset (2001)

Raufaste, N. and Rousset, F. (2001) 'Are partial Mantel tests adequate?', 55, pp. 1703-1705.

[Rencher \(1988\)](#)

Rencher, A.C. (1988) 'On the use of correlations to interpret canonical functions', *Biometrika*, 75, pp. 363-365.

[Rencher \(1995\)](#)

Rencher, A.C. (1995) *Methods of multivariate analysis*. New York: John Wiley & Sons.

[Rencher \(1998\)](#)

Rencher, A.C. (1998) *Multivariate statistical inference and applications*. New York: John Wiley & Sons.

[Rousset \(2002\)](#)

Rousset, F. (2002) 'Partial mantel tests: reply to castellano and balletto', 56, pp. 1874-1875.

[Sakamoto, Ishiguro & Kitigawa \(1986\)](#)

Sakamoto, Y., Ishiguro, M. and Kitigawa, G. (1986) *Akaike information criterion statistics*. Tokyo: KTK Scientific Publishers.

[SAS Institute \(1999\)](#)

SAS Institute (1999) *SAS/STAT® user's guide, version 8*. Cary, North Carolina: SAS Institute.

[Satterthwaite \(1946\)](#)

Satterthwaite, F.E. (1946) 'An approximate distribution of estimates of variance components', *Biometrics Bulletin*, 2, pp. 110-114.

[Scheffé \(1959\)](#)

Scheffé, H. (1959) *The analysis of variance*. New York: John Wiley & Sons.

[Schwarz \(1978\)](#)

Schwarz, G. (1978) 'Estimating the dimension of a model', *Annals of Statistics*, 6, pp. 461-464.

[Searle \(1971\)](#)

Searle, S.R. (1971) *Linear models*. New York: John Wiley & Sons.

Searle (1987)

Searle, S.R. (1987) *Linear models for unbalanced data*. New York: John Wiley & Sons.

Searle, Casella & McCulloch (1992)

Searle, S.R., Casella, G. and McCulloch, C.E. (1992) *Variance components*. New York: John Wiley & Sons.

Seber (1982)

Seber, G.A.F. (1982) *The estimation of animal abundance and related parameters, 2nd edition*. London: Charles Griffin.

Seber (1984)

Seber, G.A.F. (1984) *Multivariate observations*. New York: John Wiley & Sons.

Seber (2008)

Seber, G.A.F. (2008) *A matrix handbook for statisticians*. Hoboken, New Jersey: John Wiley & Sons.

Seber & Lee (2003)

Seber, G.A.F. and Lee, A.J. (2003) *Linear regression analysis, 2nd edition*. Hoboken, New Jersey: John Wiley & Sons.

Shears & Babcock (2002)

Shears, N.T. and Babcock, R.C. (2002) 'Marine reserves demonstrate top-down control of community structure on temperate reefs', *Oecologia*, 132, pp. 131-142.

Shears & Babcock (2003)

Shears, N.T. and Babcock, R.C. (2003) 'Continuing trophic cascade effects after 25 years of no-take marine reserve protection', *Marine Ecology Progress Series*, 246, pp. 1-16.

Shepard (1962)

Shepard, R.N. (1962) 'The analysis of proximities: multidimensional scaling with an unknown distance function Parts I and II', *Psychometrika*, 27, pp. 125-140, 219-246.

Sibson (1979)

Sibson, R. (1979) 'Studies in the robustness of multidimensional scaling: perturbational analysis of classical scaling', *Journal of the Royal Statistical Society, Series B*, 41, pp. 217-229.

[Smith \(1998\)](#)

Smith, E.P. (1998) 'Randomization methods and the analysis of multivariate ecological data', *Environmetrics (London, Ont.)*, 9, pp. 37–51.

[Smith, Pontasch & Cairns \(1990\)](#)

Smith, E.P., Pontasch, K.W. and Cairns, J. (1990) 'Community similarity and the analysis of multispecies environmental data: a unified statistical approach', *Water Research*, 24, pp. 507–514.

[Smith, Simpson & Cairns \(1996\)](#)

Smith, S.D.A., Simpson, R.D. and Cairns, S.C. (1996) 'The macrofaunal community of *Ecklonia radiata* holdfasts: description of the faunal assemblage and variation associated with differences in holdfast volume', *Australian Journal of Ecology*, 21, pp. 81–95.

[Smouse, Long & Sokal \(1986\)](#)

Smouse, P.E., Long, J.C. and Sokal, R.R. (1986) 'Multiple regression and correlation extensions of the Mantel test of matrix correspondence', *Systematic Zoology*, 35, pp. 627–632.

[Snedecor \(1946\)](#)

Snedecor, G.W. (1946) *Statistical methods, 4th edition*. Ames, Iowa: Iowa State College Press.

[Snedecor & Cochran \(1989\)](#)

Snedecor, G.W. and Cochran, W.G. (1989) *Statistical methods, 8th edition*. Ames, Iowa: Iowa State University Press.

[Somerfield, Gee & Warwick \(1994\)](#)

Somerfield, P.J., Gee, J.M. and Warwick, R.M. (1994) 'Soft sediment meiofaunal community structure in relation to a long-term heavy metal gradient in the Fal estuary system', *Marine Ecology Progress Series*, 105, pp. 79–88.

[Student \(1908\)](#)

Student (1908) 'The probable error of a mean', *Biometrika*, 6, pp. 1–25.

[Sugiura \(1978\)](#)

Sugiura, N. (1978) 'Further analysis of the data by Akaike's information criterion and the finite corrections', *Communications in Statistics - Theory and Methods A*, 7, pp. 13–26.

[Taylor \(1961\)](#)

Taylor, L.R. (1961) 'Aggregation, variance and the mean', *Nature*, 189, pp. 732-735.

[ter Braak \(1985\)](#)

ter Braak, C.J.F. (1985) 'Correspondence analysis of incidence and abundance data: properties in terms of a unimodal response model', *Biometrics. Journal of the International Biometric Society*, 41, pp. 859-873.

[ter Braak \(1986a\)](#)

ter Braak, C.J.F. (1986a) 'Canonical correspondence analysis: a new eigenvector technique for multivariate direct gradient analysis', *Ecology*, 67, pp. 1167-1179.

[ter Braak \(1986b\)](#)

ter Braak, C.J.F. (1986b) 'The analysis of vegetation-environment relationships by canonical correspondence analysis', *Vegetatio*, 69, pp. 69-77.

[ter Braak \(1987\)](#)

ter Braak, C.J.F. (1987) 'Ordination', in ter B.C. & van T.O. Jongman RHG (ed.) *Data analysis in community and landscape ecology*. Wageningen, The Netherlands: Pudoc, pp. 91-173.

[ter Braak \(1990\)](#)

ter Braak, C.J.F. (1990) 'Interpreting canonical correlation analysis through biplots of structure correlations and weights', *Psychometrika*, 55, pp. 519-531.

[ter Braak \(1992\)](#)

ter Braak, C.J.F. (1992) 'Permutation versus bootstrap significance tests in multiple regression and ANOVA', in R.G. & S.W. Jockel K-H (ed.) *Bootstrapping and related techniques*. Berlin: Springer-Verlag, pp. 79-86.

[Terlizzi, Anderson, Fraschetti, S. et al. \(2007\)](#)

Terlizzi, A., Anderson, M.J., Fraschetti, S. and Benedetti-Cecchi, L. (2007) 'Scales of spatial variation in Mediterranean sessile assemblages at different depths', *Marine Ecology Progress Series*, 332, pp. 25-39.

[Terlizzi, Scuderi, Fraschetti et al. \(2005\)](#)

Terlizzi, A., Scuderi, D., Fraschetti, S. and Anderson, M.J. (2005) 'Quantifying effects of pollution on biodiversity: a case study of highly diverse molluscan assemblages in the Mediterranean', *Marine Biology*, 148, pp. 293-305.

Thompson (1962)

Thompson, W.A. (1962) 'The problem of negative estimates of variance components', *Annals of Mathematical Statistics*, 33, pp. 273-289.

Thompson & Moore (1963)

Thompson, W.A. and Moore, J.R. (1963) 'Non-negative estimates of variance components', *Technometrics: a journal of statistics for the physical, chemical, and engineering sciences*, 5, pp. 441-449.

Torgerson (1958)

Torgerson, W.S. (1958) *Theory and methods of scaling*. New York: John Wiley & Sons.

Tukey (1949)

Tukey, J.W. (1949) 'One degree of freedom for non-additivity', *Biometrics. Journal of the International Biometric Society*, 5, pp. 232-242.

Underwood (1981)

Underwood, A.J. (1981) 'Techniques of analysis of variance in experimental marine biology and ecology', *Oceanography and Marine Biology, Annual Review*, 19, pp. 513-605.

Underwood (1991)

Underwood, A.J. (1991) 'Beyond BACI: experimental designs for detecting human environmental impacts on temporal variations in natural populations', *Australian Journal of Marine and Freshwater Research*, 42, pp. 569-587.

Underwood (1992)

Underwood, A.J. (1992) 'Beyond BACI: the detection of environmental impacts on populations in the real, but variable, world', *Journal of Experimental Marine Biology and Ecology*, 161, pp. 145-178.

Underwood (1994)

Underwood, A.J. (1994) 'On Beyond BACI: sampling designs that might reliably detect environmental disturbances', *Ecological Applications*, 4, pp. 3-15.

[Underwood \(1997\)](#)

Underwood, A.J. (1997) *Experiments in ecology: their logical design and interpretation using analysis of variance*. Cambridge: Cambridge University Press.

[Underwood & Chapman \(1998\)](#)

Underwood, A.J. and Chapman, M.G. (1998) 'A method for analysing spatial scales of variation in composition of assemblages', *Oecologia*, 117, pp. 570-578.

[Underwood, Chapman & Connell \(2000\)](#)

Underwood, A.J., Chapman, M.G. and Connell, S.D. (2000) 'Observations in ecology: you can't make progress on processes without understanding the patterns', *Journal of Experimental Marine Biology and Ecology*, 250, pp. 97-115.

[Underwood & Petraitis \(1993\)](#)

Underwood, A.J. and Petraitis, P.S. (1993) 'Structure of intertidal assemblages in different locations: how can local processes be compared?', in R.E. Ricklefs and D. Schlüter (eds) *Species diversity in ecological communities: historical and geographical perspectives*. Chicago: University of Chicago Press, pp. 38-51.

[van den Brink & ter Braak \(1999\)](#)

van den Brink, P. and ter Braak, C. (1999) 'Principal response curves: analysis of time-dependent multivariate responses of biological community to stress', *Environmental Toxicology and Chemistry*, 18, pp. 138-148.

[van der Aart & Smeek-Enserink \(1975\)](#)

van der Aart, P.J. and Smeek-Enserink, N. (1975) 'Correlations between distributions of hunting spiders (Lycosidae, Ctenidae) and environmental characteristics in a dune area', *Netherlands Journal of Zoology*, 25, pp. 1-45.

[van Valen \(1978\)](#)

van Valen, L. (1978) 'The statistics of variation', *Evolutionary Theory*, 4, pp. 33-43, 202.

[Vellend \(2001\)](#)

Vellend, M. (2001) 'Do commonly used indices of \$\beta\$-diversity measure species turnover?', *Journal of Vegetation Science*, 12, pp. 545-552.

[Verdonschot & ter Braak \(1994\)](#)

Verdonschot, P.F.M. and ter Braak, C.J.F. (1994) 'An experimental manipulation of oligochaete communities in mesocosms treated with chlorpyrifos or nutrient additions: multivariate analyses with Monte Carlo permutation tests', *Hydrobiologia*, 278, pp. 251-266.

[Warton & Hudson \(2004\)](#)

Warton, D.I. and Hudson, H.M. (2004) 'A MANOVA statistic is just as powerful as distance-based statistics, for multivariate abundances', *Ecology*, 85, pp. 858-874.

[Warton & Weber \(2002\)](#)

Warton, D.I. and Weber, N.C. (2002) 'Common slope tests for bivariate errors-in-variables models', *Biometrical Journal*, 44, pp. 161-174.

[Warton, Wright, Falster et al. \(2006\)](#)

Warton, D.I., Wright, I.J., Falster, D.S. and Westoby, M. et al. (2006) 'Bivariate line-fitting methods for allometry', *Biological Reviews*, 81, pp. 259-291.

[Warwick & Clarke \(1993\)](#)

Warwick, R.M. and Clarke, K.R. (1993) 'Increased variability as a symptom of stress in marine communities', *Journal of Experimental Marine Biology and Ecology*, 172, pp. 215-226.

[Warwick & Clarke \(1995\)](#)

Warwick, R.M. and Clarke, K.R. (1995) 'New 'biodiversity' measures reveal a decrease in taxonomic distinctness with increasing stress', *Marine Ecology Progress Series*, 129, pp. 301-305.

[Warwick, Clarke & Gee \(1990\)](#)

Warwick, R.M., Clarke, K.R. and Gee, J.M. (1990) 'The effect of disturbance by soldier crab *Mictyris platycheles* H. Milne Edwards on meiobenthic community structure', *Journal of Experimental Marine Biology and Ecology*, 135, pp. 19-33.

[Warwick, Clarke & Suharsono \(1990\)](#)

Warwick, R.M., Clarke, K.R., and Suharsono (1990) 'A statistical analysis of coral community responses to the 1982-83 El Niño in the Thousand Islands, Indonesia', *Coral reefs (Online)*, 8, pp. 171-179.

[Welsh, Cunningham, Donnelly et al. \(1996\)](#)

Welsh, A.H., Cunningham, R.B., Donnelly, C.F. and Lindenmayer D.B. (1996) 'Modelling the abundance of rare species: statistical models for counts with extra zeros', *Ecological Modeling*, 88, pp. 297–308.

[Wessel & Schork \(2006\)](#)

Wessel, J. and Schork, N.J. (2006) 'Generalized genomic distance-based regression methodology for multilocus association analysis', *American Journal of Human Genetics*, 79, pp. 792–806.

[Wheldon, Anderson & Johnson \(2007\)](#)

Wheldon, M.C., Anderson, M.J. and Johnson, B.W. (2007) 'Identifying treatment effects in multi-channel measurements in electroencephalographic studies: multivariate permutation tests and multiple comparisons', *Australian & New Zealand Journal of Statistics*, 49, pp. 397–413.

[Whittaker \(1960\)](#)

Whittaker, R.H. (1960) 'Vegetation of the siskiyou mountains, oregon and california', *Ecological Monographs*, 22, pp. 1–44.

[Whittaker \(1972\)](#)

Whittaker, R.H. (1972) 'Evolution and measurement of species diversity', *Taxon*, 21, pp. 213–251.

[Wickens \(1995\)](#)

Wickens, T.D. (1995) *The geometry of multivariate statistics*. Hillsdale, New Jersey: Lawrence Erlbaum Associates.

[Willis & Anderson \(2003\)](#)

Willis, T.J. and Anderson, M.J. (2003) 'Structure of cryptic reef fish assemblages: relationships with habitat characteristics and predator density', *Marine Ecology Progress Series*, 257, pp. 209–221.

[Willis & Denny \(2000\)](#)

Willis, T.J. and Denny, C.M. (2000) 'Effects of poor knights islands marine reserve on demersal fish populations', *Report to the Department of Conservation, Research Grant No*, 2519.

[Willis, Millar & Babcock \(2003\)](#)

Willis, T.J., Millar, R.B. and Babcock, R.C. (2003) 'Protection of exploited fish in temperate regions: high density and biomass of snapper *Pagrus auratus* (Sparidae) in northern New Zealand marine reserves', *Journal of Applied Ecology*, 40, pp. 214–227.

[Winer, Brown & Michels \(1991\)](#)

Winer, B.J., Brown, D.R. and Michels, K.M. (1991) *Statistical principles in experimental design, 3rd edition*. New York: McGraw-Hill.

[Winsberg & Ramsay \(1980\)](#)

Winsberg, S. and Ramsay, J.O. (1980) 'Monotonic transformations to additivity using splines', *Biometrika*, 67, pp. 669–674.

[Winsor & Clarke \(1940\)](#)

Winsor, C.P. and Clarke, G.L. (1940) 'A statistical study of variation in the catch of plankton nets', *Journal of Marine Research*, 3, pp. 1–34.

[Yee \(2006\)](#)

Yee, T.W. (2006) 'Constrained additive ordination', *Ecology*, 87, pp. 203–213.

[Zhang \(1992\)](#)

Zhang, P. (1992) 'On the distributional properties of model selection criteria', *Journal of the American Statistical Association*, 87, pp. 732–737.

[Zhu, Hastie & Walter \(2005\)](#)

Zhu, M., Hastie, T.J. and Walter, G. (2005) 'Constrained ordination analysis with flexible response functions', *Ecological Modelling*, 187, pp. 524–536.

Revision #71

Created 18 August 2022 10:29:24 by Arden

Updated 14 January 2025 23:55:37 by Arden