

REFERENCES

APA (2001). *Publication manual of the American Psychological Association, Fifth edition.* Washington, DC: Author.

APA (2010). *Publication manual of the American Psychological Association, Sixth edition.* Washington, DC: Author.

Bartko, J.J. (1966). The intraclass correlation coefficient as a measure of reliability. *Psychological Reports*, 19, 3-11.

Bartlett, R. (1997). Editorial: the use and abuse of statistics in sport and exercise sciences. *Journal of Sport Sciences*, 15, 1-2.

Baugh, F. (2003). Correcting effect sizes for score reliability. In: *Score reliability: Contemporary thinking on reliability issues*. Thompson, B (ed.) pp. 31-42. Sage Publications, Inc., Thousand Oaks.

Betz, M.A. (1987). An approximation for the Hotelling-Lawley trace in the noncentral case. *Communications in Statistics – Theory & Methods*, 16(11), 3169-3183.

Bird, K.D, Hadzi-Pavlovic, D & Isaac, A.P. (2000). PSY [Computer software]. Afgelaai op 11 Maart 2005 vanaf: <http://www.psy.unsw.edu/research/psy.htm>.

Bland, J.M. & Altman, D.G. (1986). Statistical methods for assessing agreement between two methods of clinical measurements. *The Lancet*, I, 307-310.

Burnand, B., Kernan, W.N. & Feinstein, A.R. (1990). Indexes and boundaries for quantitative significance in statistical decisions. *Journal of Clinical Epidemiology*, 43, 1273-1284.

Carroll, R.M. & Nordholm, L.A. (1975). Sampling characteristics of Kelley's ε^2 and Hays' $\hat{\omega}^2$. *Educational and Psychological Measurement*, 35, 541 – 554.

Chinn, S. (2000). A simple method for converting an odds ratio to effect size for use in meta-analysis. *Statistics in Medicine*, 19, 3127-3131.

Clark, L.A. & Watson, D. (1995). Constructing validity: basic issues in objective scale development. *Psychological Assessment*, 7(3), 309-319.

Cohen, J. (1969). *Statistical Power Analysis*. Academic Press, Inc., Orlando.

Cohen, J. (1977). *Statistical Power Analysis. Revised Edition*. Academic Press, Inc., Orlando.

Cohen, J. (1988). *Statistical Power Analysis. Second Edition*. Academic Press, Inc., New York.

Cohen, J. & Nee, J.C.M. (1984). Estimators for two measures of association for set correlation. *Educational and Psychological Measurement*, 44, 907-917.

Cumming, G & Finch, S (2001). A primer on the understanding, use, and calculation of confidence intervals that are based on central and noncentral distributions. *Educational and Psychological Measurement*, 61(4), 532-574.

Cumming, G., Fidler, F., Leonard, M., Kalinowski, P., Christiansen, A., Kleinig, A., Lo, J., McMenamin, N. & Wilson, S. (2007). Statistical reform in psychology. Is anything changing? *Psychological Science*, 18(3), 230-232.

D'Agostino, R.B (1972). Relation between the chi-squared and ANOVA tests for testing equality of k independent dichotomous populations. *The American Statistician*, 26(3), 30-32

D'Agostino, R.B. snr. (1999). Editorial: quantifying the comparison of two groups.
Statistics in Medicine, 18, 2551-2555.

De Klerk, J.E., du Plessis, W.F., Steyn, H.S. & Botha, M. (2004). Hypnotherapeutic ego strengthening with male South African coronary artery bypass patients. *American Journal of Clinical Hypnosis*, 47(2), 79-92.

Ellis, S.M. & Steyn, H.S. (2003). Practical significance (effect sizes) versus or in combination with statistical significance (p-values). *Management Dynamics*, 12(4), 51-53.

Feinstein, A.R. (1999). Indexes of contrast and quantitative significance for comparisons of two groups. *Statistics in Medicine*, 18, 2557-2581.

Fern, E.F. & Monroe, K.B. (1996). Effect-size estimates: issues and problems in interpretation. *Journal of Consumer Research*, 23, 89-105.

Fidler, F. & Thompson, B (2001). Computing correct confidence intervals for ANOVA fixed and random-effects effect sizes. *Educational and Psychological Measurement*, 61(4), 575-604.

Fleiss, J.L. (1981). *Statistical methods for rates and proportions*. Second Edition. Wiley & Sons, New York.

Fleiss, J.L. (1994). Measures of effect size for categorical data. In: *The handbook of research synthesis* (eds. Cooper, H & Hedges L.V.), p. 245-260. Russel Sage Foundation, New York.

Fowler, R.L. (1985). Point estimates and confidence intervals in measures of association. *Psychological Bulletin*, 98(1), 160-165.

Ghiselli, E. E. (1964). Dr. Ghiselli comments on Dr. Tupes note. *Personnel Psychology*, 17, 61-63.

Glass, G.V. (1976). Primary, secondary, and meta-analysis of research. *Educational Researcher*, 5, 3-8.

Grissom, R.J. & Kim, J.J. (2005). *Effect sizes for research: a broad practical approach*. Lawrence Erlbaum Associates, New York.

Guilford, J. P. (1965). *Fundamental statistics in psychology and education (4th edition)*. McGraw-Hill, New York.

Hays, W.L. (1963). *Statistics for psychologists*. New York: Rinehard & Winston.

Hays, W.L. (1973). *Statistics for social sciences*, Second Edition. Holt, Rinehart & Winston, New York.

Hedges, L.V & Olkin, I (1985). *Statistical Methods for Meta-Analysis*. Academic Press, Orlando.

Hedges, L.V. (1981). Distribution theory for Glass's estimator of effect size and related estimators. *Journal of Educational Statistics*, 6, 107-128.

Huberty, C.J. & Holmes, S.E. (1983). Two-group comparisons and univariate classification. *Educational and Psychological Measurement*, 43, 15-26.

- Huberty, C.J. & Lowman, L.L. (2000). Group overlap as a basis for effect size. *Educational and Psychological Measurement*, 60, 543-563.
- Huberty, C.J. (1994). *Applied Discriminant Analysis*. John Wiley & Sons, New York.
- Huberty, C.J. (2002). A history of effect size indices. *Educational and Psychological Measurement*, 62 (2), 227-240.
- Hunter, J.E. & Schmidt, F.L. (2004). *Methods of Meta-analysis: Correcting error and bias in research findings. Second Edition*. Sage Publications. Thousand Oaks.
- Johnson, N.L., Kotz, S. & Balakrishnan, N. (1995). *Continuous univariate distributions, Volume 2 (second edition)*. John Wiley, New York.
- Kirk, R.E. (1996). Practical significance: A concept whose time has come. *Educational and Psychological Measurement*, 56, 746-759.
- Kline, R.B. (2004a). *Beyond Significance Testing: Reforming data analysis methods in behavioural research*. American Psychological Association. Washington, DC.
- Kline, R.B. (2004b). *Supplemental chapter on multivariate effect size estimation*. Afgelaai op 15 November, 2004 van <http://www.apa.org/books/resources/> kline
- Krzanowski, W. J. & Hand, D. J. (2009). *ROC curves for continuous data*. Chapman & Hall, Boca Raton.
- Newcombe, G.G (2006). A deficiency of the odds ratio as a measure of effect size. *Statistics in Medicine*, 25, 4235-4240.
- Olejnik, S & Algina, J (2000). Measures of effect size for comparative studies: applications, interpretations and limitations. *Contemporary Educational*

Psychology, 25, 241-286.

Ozer, D.J. (1985). Correlation and the coefficient of determination. *Psychological Bulletin*, 97(2), 307-315.

Preacher, K.J. & Kelley, K. (2011). Effect size measures for mediation models:

Quantitative strategies for communicating indirect effects. *Psychological Methods*, 16(2), 93-115.

Rencher, A.C. (1995). *Methods of Multivariate Analysis*. Wiley & Sons, New York.

Rosenthal, R. (1991). *Meta-analytic procedures for social research. Revised edition*. Sage Publications. Newbury Park.

Rosenthal, R, Rosnow, R.L & Rubin, D.B. (2000). *Contrast and effect sizes in behavioural research: a correlational approach*. New York, Cambridge University Press.

Rothmann, S, Basson, W.D., Rothman, J.C. (2000a). The personality preferences of pharmacy students and lecturers at a tertiary education institution. *International Journal of Pharmacy Practice*, 8, 225-233.

Rothmann, S., Coetzee, S.C., Fouché, W & Theron, N. (2004b). The personality preferences of business lecturers and students at a tertiary education institution. *Management Dynamics*, 9(1), 60-86.

SAS Institute Inc. 2003. The SAS System for Windows Release 9.1 TS Level 1M3
Copyright© by SAS Institute Inc., Cary, NC, USA. www.sas.com

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

Sheskin, D.J. (2000). *Handbook of parametric and nonparametric statistical procedures*. Second edition, Chapman & Hall, London.

Shoukri, M.M. (2004). *Measures of interobserver agreement*. Chapman & Hall/CRC, Boca Raton.

Shoukri, M.M. & Chaudhary, M.A. (2007). *Analysis of correlated data with SAS and R*. Third edition. Chapman & Hall/CRC, Boca Raton.

Shrout, P.E. & Fleiss, J.L. (1979). Intraclass correlations: uses in assessing rater reliability. *Psychological Bulletin*, 86, 420-428.

Smithson, M. (2000). *Statistics with confidence*. Sage Publications, London.

Smithson, M. (2001). Correct confidence intervals for various regression effect sizes and parameters: the importance of noncentral distributions in computing intervals. *Educational and Psychological Measurement*, 61(4) 605-632.

Snedecor, G.W. & Cochran, W.G. (1980). *Statistical Methods. Seventh Edition*. The Iowa State University Press, Ames, Iowa, USA.

SPSS Inc. (2007). SPSS® 16.0 for Windows, Release 16.0.0, Copyright© by SPSS Inc., Chicago, Illinois. www.spss.com

StatSoft, Inc. (2011). STATISTICA (data analysis software system), version 10. www.statsoft.com.

Stewart, D & Lowe, W. (1968). A general canonical correlation index. *Psychological Bulletin*, 70(3), 160-163.

Steyn, A.G.W., Smit, C.F., du Toit, S.H.C. & Strasheim, C. (1998). *Modern Statistics in*

Practice, Six-th Edition. J.L. van Schaik, Pretoria.

Steyn, H.S. jr. (1999). *Praktiese beduidendheid: die gebruik van effekgroottes.* Wetenskaplike Bydraes, Reeks B: Natuurwetenskappe nr. 117. Potchefstroomse Universiteit vir Christelike Hoër Onderwys. Potchefstroom.

Steyn, H.S. jr. (2000). Practical significance of the difference in means. *S.A. Journal of Industrial Psychology*, 26(3), 1-3.

Steyn, H.S. jr. (2002). Practically significant relationship between two variables. *S.A. Journal of Industrial Psychology*, 28(3), 10-15.

Steyn, H.S. jr. (2004). *Die beraming van die betroubaarheid van 'n meetinstrument.* Noordwes-Universiteit, Navorsingsprogram: Bedryfswiskunde en Informatika FABWI-N-WST: 2004-126, Potchefstroom.

Steyn, H. S. jr. & Ellis, S.M. (2009). Estimating an Effect Size in One-Way Multivariate Analysis of Variance (MANOVA). *Multivariate Behavioral Research*, 44 (1), 106-129

Tabachnick, B.G. & Fidell, L.S. (2001). *Using Multivariate Statistics.* Fourth Edition. Allyn and Bacon, Boston.

Tatsuoka, M. (1993). Effect size. In: *Handbook for data analysis in the behavioral sciences*, Keren, G. & Lewis, C. (eds). pp. 461-479. Lawrence Erlbaum Associates, Hillsdale, New Jersey.

Thomas, J.R., Salazar, W & Landers, D.M. (1991). What is missing in $p < .05$? Effect Size. *Research Quarterly for Exercise in Sport*, 62(3), 344-348.

Thompson, B. (2001). Significance, effect sizes, stepwise methods, and other issues: strong arguments move the field. *The Journal of Experimental Education*, 70(1),

80-93.

Tilton, J.W. (1937). The measurement of overlapping. *Journal of Educational Psychology*, 28, 656-662.

Wanous, J.P. & Hudy, M.T. (2001). Single-Item Reliability: a Replication and extension. *Organizational Research Methods*, 4, 361-375.

Wilkinson, L & TFSI (1999). Statistical Methods in psychological journals: Guidelines and explanations. *American Psychologist*, 54, 594-604.

Wu, J., Jiang, G. & Wei, W. (2006). Confidence intervals of effect size in randomized comparative parallel-group studies. *Statistics in Medicine*, 25, 639-651.

Yi, Q, Wang, P.P & He, Y (2008). Reliability analysis for continuous measurements: Equivalence test for agreement. *Statistics in Medicine*, 27, 2816-2825.

Zou, G.Y. (2007). Exact confidence interval for Cohen's effect size is readily available. *Statistics in Medicine*, 26, 3054-3056.