

26. Measurement in psychology

Issues of measurement in psychology are fundamental to Leslie J Francis' research programmes. This concern is well illustrated by his work on the assessment of attitude toward religion. From time to time specific studies have been published on examining instruments before exploring findings on the association between these instruments and indices or measures of religion.

Chapters

Francis, L. J., Robbins, M., & Craig, C. L. (2007). Two different operationalisations of psychological type: Comparing the Myers-Briggs Type Indicator and the Keirsey Temperament Sorter. In R. A. Degregorio (Ed.), *New Developments in Psychological Testing* (pp. 119-138). New York: Nova Science Publishers Inc. ISBN 1-600-21702-8.

Francis, L. J. (2014). Oxford Happiness Questionnaire. In A. C. Michalos (Ed.), *Encyclopedia of quality of life and well-being research* (pp. 4548-4551). New York: Springer. ISBN 978 94 007 0752 8.

Articles

Crookes, T. G., Pearson, P. R., Francis, L. J., & Carter, M. (1981). Extraversion and performance on raven's matrices in 15-16 year old children: An examination of Anthony's theory of the development of extraversion. *British Journal of Educational Psychology*, *51*, 109-111.

Pearson, P. R., & Francis, L. J. (1984). The comparability of the JEPI, JEPQ and EPQ among 15- to 16-year olds. *Personality and Individual Differences*, *5*, 743-745.

Francis, L. J., & Pearson, P. R. (1989). The relationship between social class and neuroticism among English 16 year olds. *Journal of Social Psychology*, *129*, 695-697.

Pearson, P. R., Lankshear, D. W., & Francis, L. J. (1989). Personality and social class among eleven year old children. *Educational Studies*, *15*, 107-113.

Francis, L. J. (1991). The dual nature of the EPQ lie scale among college students in England. *Personality and Individual Differences*, *12*, 1255-1260.

Francis, L. J., Brown, L. B., & Pearson, P. R. (1991). The dual nature of the EPQ lie scale among university students in Australia. *Personality and Individual Differences*, *12*, 989-991.

Francis, L. J., Philipchalk, R., & Brown, L. B. (1991). The comparability of the short form EPQ-R with the EPQ among students in England, the USA, Canada and Australia. *Personality and Individual Differences*, *12*, 1129-1132.

Francis, L. J., Philipchalk, R., & Pearson, P.R. (1991). The dual nature of the EPQ lie scale among college students in the USA. *Psychological Reports*, *69*, 511-514.

Katz, Y. J., & Francis, L. J. (1991). The dual nature of the EPQ lie scale? A study among university students in Israel. *Social Behaviour and Personality*, *19*, 217-222.

Francis, L. J., Brown, L. B., & Philipchalk, R. (1992). The development of an abbreviated form of the Revised Eysenck Personality Questionnaire (EPQR-A): Its use among students in England, Canada, the USA and Australia. *Personality and Individual Differences*, *13*, 443-449.

Francis, L. J., Fulljames, P., & Kay, W. K. (1992). The functioning of the EPQ lie scale among religious subjects in England. *Journal of Psychology and Christianity*, *11*, 255-261.

- Francis, L. J., & Katz, Y. J. (1992). The comparability of the short form EPQ-R indices of extraversion, neuroticism, and the lie scale with the EPQ for a sample of 190 student teachers in Israel. *Educational and Psychological Measurement*, 52, 695-700.
- Francis, L. J. (1993). The dual nature of the Eysenckian neuroticism scales: a question of sex differences? *Personality and Individual Differences*, 15, 43-59.
- Francis, L. J. & Montgomery, A. (1993). Personality and school related attitudes among 11-16 year old girls. *Personality and Individual Differences*, 14, 647-654.
- Francis, L. J., Carter, M., & Jones, S. H. (1995). The properties of the Lipsitt Self-Concept Scale in relationship to sex, social desirability, neuroticism and extraversion. *Personality and Individual Differences*, 19, 619-624.
- Francis, L. J., & Wilcox, C. (1995). Self-esteem: Coopersmith and Rosenberg compared. *Psychological Reports*, 76, 1050.
- Francis, L. J. (1996). The relationship between Rosenberg's construct of self-esteem and Eysenck's two-dimensional model of personality. *Personality and Individual Differences*, 21, 483-48.
- Francis, L. J. (1996). The development of an abbreviated form of the Revised Junior Eysenck Personality Questionnaire (JEPQR-A) among 13-15 year olds. *Personality and Individual Differences*, 21, 835-844.
- Francis, L. J. & Jones, S. H. (1996). Social class and self-esteem. *Journal of Social Psychology*, 136, 405-406.
- Francis, L. J. (1997). Coopersmith's model of self-esteem: Bias toward the stable extravert? *Journal of Social Psychology*, 137, 139-142.
- Wilcox, C., & Francis, L. J. (1997). Beyond gender stereotyping: Examining the validity of the Bem Sex Role Inventory among 16-19 year old females in England. *Personality and Individual Differences*, 23, 9-13.
- Wilcox, C., & Francis, L. J. (1997). The relationship between neuroticism and the perceived social desirability of feminine characteristics among 16-19 year old females. *Social Behaviour and Personality*, 25, 291-294.
- Francis, L. J. (1998). Is there gender bias in the short form Coopersmith Self Esteem Inventory? *Educational Research*, 40, 83-89.
- Francis, L. J. (1998). Self-esteem as a function of personality and gender among 8-11 year olds: is Coopersmith's index fair? *Personality and Individual Differences*, 25, 159-165.
- Francis, L. J., Brown, L. B., Lester, D., Philipchalk, R. (1998). Happiness as stable extraversion: a cross-cultural examination of the reliability and validity of the Oxford Happiness Inventory among students in the UK, USA, Australia and Canada. *Personality and Individual Differences*, 24, 167-171.
- Francis, L. J., & Jackson, C. J. (1998). The social desirability of toughmindedness: A study among undergraduates. *The Irish Journal of Psychology*, 19, 400-403.
- Francis, L. J., Kelly, P., & Jones, S. H. (1998). The personality profile of female students who play hockey. *Irish Journal of Psychology*, 19, 394-399.

- Francis, L. J., & Wilcox, C. (1998). The relationship between Eysenck's personality dimensions and Bem's masculinity and femininity scales revisited. *Personality and Individual Differences*, 25, 683-687.
- Francis, L. J. (1999). Happiness is a thing called stable extraversion: a further examination of the relationship between the Oxford Happiness Inventory and Eysenck's dimensional model of personality and gender. *Personality and Individual Differences*, 26, 5-11.
- Francis, L. J., & Wilcox, C. (1999). Personality and sex role orientation among 17-19 year old females in England. *Irish Journal of Psychology*, 20, 172-178.
- Francis, L. J., Wilcox, C., & Jones, S. H. (1999). Is Bradburn's measure of psychological well-being fair to introverts? A study among 16 to 18 year old students. *Psychological Reports*, 85, 689-696.
- Jackson, C. J., & Francis, L. J. (1999). Interpreting the correlation between neuroticism and lie scale scores. *Personality and Individual Differences*, 26, 59-63.
- Bourke, R., & Francis, L. J., (2000). Comparing Cattell's personality factors and Eysenck's personality dimensions among adolescents. *Irish Journal of Psychology*, 21, 98-102.
- Francis, L. J., & Jones, S. H. (2000). The relationship between the Myers-Briggs Type Indicator and the Eysenck Personality Questionnaire among adult churchgoers. *Pastoral Psychology*, 48, 377-386.
- Francis, L. J., & Katz, Y. J. (2000). Internal consistency reliability and validity of the Hebrew translation of the Oxford Happiness Inventory. *Psychological Reports*, 87, 193-196.
- Francis, L. J., Katz, Y. J., & Jones, S. H. (2000). The reliability and validity of the Hebrew version of the Computer Attitude Scale. *Computers and Education: An international journal*, 35, 149-159.
- Katz, Y. J., & Francis, L. J. (2000). Hebrew Revised Eysenck Personality Questionnaire: Short form (EPQR-S) and abbreviated form (EPQR-A). *Social Behaviour and Personality*, 28, 555-560.
- Francis, L. J., & Kaldor, P. (2001). The scale properties of the abbreviated Revised Eysenck Personality Questionnaire (EPQR-A) in an Australian Population Study. *Irish Journal of Psychology*, 22, 59-65.
- Francis, L. J., Robbins, M., Loudon, S. H., & Haley, J. M. (2001). A revised psychoticism scale for the Revised Eysenck Personality Questionnaire: A study among clergy. *Psychological Reports*, 88, 1131-1134.
- Lewis, C. A., Francis, L. J., Shevlin, M., & Forrest, S. (2002). Confirmatory factor analysis of the French translation of the abbreviated form of the Revised Eysenck Personality Questionnaire (EPQR-A). *European Journal of Psychological Assessment*, 18, 179-185.
- Lewis, C. A., Francis, L. J., & Ziebertz, H.-G. (2002). The internal consistency reliability and construct validity of the German translation of the Oxford Happiness Inventory. *North American Journal of Psychology*, 4, 211-220.
- Francis, L. J., Fearn, M., & Booker, B. B. (2003). Artistic creativity: Personality and the diurnal rhythm. *North American Journal of Psychology*, 5, 147-152.

- Robbins, M., Francis, L. J., & Bradford, A. (2003). Reliability and construct validity for Scale of Rejection of Christianity. *Psychological Reports, 92*, 65-66.
- Bourke, R., Francis, L. J., & Robbins, M. (2004). Locating Cattell's personality factors within Eysenck's dimensional model of personality: a study among adolescents. *North American Journal of Psychology, 6*, 167-174.
- Francis, L. J., & Jackson, C. J. (2004). Which version of the Eysenck Personality Profiler is best? 6-, 12-, or 20-items per scale. *Personality and Individual Differences, 37*, 1659-1666.
- Jackson, C. J., & Francis, L. J. (2004). Primary scale structure of the Eysenck Personality Profiler (EPP). *Current Psychology, 22*, 295-305.
- Navratil, M., C. McGuckin, C., C. A Lewis, C. A, M. Shevlin, M., & Francis . L. J. (2004). Confirmatory factor analysis of the Czech translation of abbreviated form of the Revised Eysenck Personality Questionnaire (EPQR-A) among Czech students. *Ceskoslovenska Psychologie, 47*, 451-459.
- Francis, L. J., Quigley, C. F., Robbins, M., & Lewis, C. A. (2005). The General Health Questionnaire and Eysenck's three dimensional model of personality. *Psychological Reports, 97*, 288-290.
- Hills, P., Francis, L. J., & Robbins, M. (2005). The development of the Revised Religious Life Inventory (RLI-R) by exploratory and confirmatory factor analysis. *Personality and Individual Differences, 38*, 1389-1399.
- Francis, L. J., Lewis, C. A., & Ziebertz, H.-G. (2006). The short-form Revised Eysenck Personality Questionnaire (EPQR-S): a German edition. *Journal of Social Behaviour and Personality, 34*, 197-204.
- Francis, L. J. (2007). Introducing the New Indices of Religious Orientation (NIRO): Conceptualisation and measurement. *Mental Health, Religion and Culture, 10*, 585-602. ISSN 1367-4676.
- Francis, L. J. (2007). Personality and sex role orientation: Extraverted masculinity and tenderminded femininity? *The Irish Journal of Psychology, 28*, 153-158.
- Francis, L. J., Craig C. L., & Robbins, M. (2007). The relationship between psychological type and three major dimensions of personality. *Current Psychology, 25*, 257-271. ISSN 0737-8262.
- Francis, L. J., & Pocock, N. (2007). Assessing religious maturity: the development of a short form of the Religious Status Inventory (RSInv-S10). *Journal of Empirical Theology, 20*, 179-199. ISSN 0922-2936.
- Hills, P. R., Francis, L. J., & Thomas, E. (2007). The psychometric properties and factor structure of a Welsh translation of the school short form of the Coopersmith Self-esteem Inventory. *Research in Education, 78*, 103-109. ISSN 0034-5237.
- Francis, L. J., Craig C. L., & Robbins, M. (2008). The relationship between the Keirsey Temperament Sorter and the short-form revised Eysenck Personality Questionnaire. *Journal of Individual Differences, 29*, 116-120. ISSN 1614-0001.
- Francis, L. J., & Hills, P. R. (2008). The development of the Meaning in Life Index (MILI) and its relationship with personality and religious behaviours and beliefs among UK undergraduate students. *Mental Health, Religion and Culture, 11*, 211-220. ISSN 1367-4676.

- Ponsoda, V., Abad, F. J., Francis, L. J., & Hills, P. R. (2008). Gender differences in the Coopersmith Self-Esteem Inventory: The incidence of differential item functioning. *Journal of Individual Differences, 29*, 217-222. ISSN 1614-0001.
- Brockett, A., Village, A., & Francis, L. J. (2009). Internal consistency reliability and construct validity of the Attitude toward Muslim Proximity Index (AMPI): A measure of social distance. *British Journal of Religious Education, 31*, 241-249. ISSN 0141 6200.
- Brockett, A., Village, A., & Francis, L. J. (2010). Assessing outgroup prejudice among secondary pupils in Northern England: Introducing the Outgroup Prejudice Index (OPI). *Research in Education, 86*: 67-77.
- Robbins, M., Francis, L. J., & Edwards, B. (2010). Happiness as stable extraversion: Internal consistency reliability and construct validity of the Oxford Happiness Questionnaire among undergraduate students. *Current Psychology, 29*, 89-94. ISSN 1046 1310
- Hills, P. R., Francis, L. J., & Jennings, P. (2011). The school short-form Coopersmith Self-esteem Inventory: Revised and improved. *Canadian Journal of School Psychology, 26*, 62-71. ISSN 0829-5735.
- Francis, L. J., Fawcett, B., Robbins, M., & Stairs, D. (2016). The New Indices of Religious Orientation Revised (NIROR): A study among Canadian adolescents attending a Baptist youth mission and service event. *Religions, 7*, 56, 1-10. ISSN 2077 1444.