

## 5. Attitude toward religion

The social scientific study of religion recognises that religion is multi dimensional (including such dimensions as affiliation, belief and practice). Since the 1970s Leslie J Francis has been emphasising the centrality of the attitudinal dimension of religion, as accessed through the Francis Scale of Attitude toward Christianity, the Katz-Francis Scale of Attitude toward Judaism, the Sahin-Francis Scale of Attitude toward Islam, the Santosh-Francis Scale of Attitude toward Hinduism, the Astley-Francis Scale of Attitude toward Theistic Belief, and the Williams Scale of Attitude toward Paganism.

### Books authored

Francis, L. J. (1987). *Religion in the Primary School*. London: Collins Liturgical Publications.

Kay, W. K., & Francis, L. J. (1996). *Drift from the Churches: Attitude toward Christianity during childhood and adolescence*. Cardiff: University of Wales Press. pp x + 266. ISBN 0-7083-1330-2.

### Books edited

Francis, L. J., Kay, W. K. & Campbell, W. S. (eds) (1996). *Research in religious education*. Leominster: Gracewing and Macon, Georgia: Smyth and Helwys. pp. + 470. ISBN 0-85244-342-0 and ISBN 1-57312-053-7.

### Chapters

Francis, L. J. (1982). Measurement reapplied: research into the child's attitude towards religion. In J. M. Hull (Ed.), *New directions in religious education* (pp. 23-33). Barcombe: Falmer Press Ltd. ISBN 0-905273-31-1 and ISBN 0-905-273-30-3.

Francis, L. J. (1984). Monitoring the Christian development of the child. In L. J. Francis, J. Rhymer, D. Osler, & J. I. H. McDonald (Eds.), *Family, school and Church in religious education* (pp.1-25). Edinburgh: New College Department of Christian Ethics and Practical Theology.

Francis, L. J. (1985). Personality and religion: Theory and measurement. In L. B. Brown (Ed.), *Advances in the Psychology of Religion* (pp. 171-184). Oxford: Pergamon Press.

Francis, L. J. (1988). Monitoring attitude towards Christianity during childhood and adolescence. In M. Pyysiäinen (Ed.), *Kasvatus ja Uskonto: Juhlakirja Professori Kalevi Tammisen* (pp. 230-247). Helsinki: Werner Söderstrom Osakehtiö. ISBN 951-0-14816-4 and ISSN 0356-9349.

Greer, J. E., & Francis, L. J. (1990). The religious profile of pupils in Northern Ireland: A comparative study of pupils attending Catholic and Protestant secondary schools. *Journal of Empirical Theology*, 3, 35-50.

Francis, L. J. (1992). Religion, neuroticism, and psychoticism,. In J. F. Schumaker (Ed.), *Religion and Mental Health* (pp. 149-160). New York: Oxford University Press.

Francis, L. J. (1992). Christianity today: The teenage experience. In J Astley and D. V. Day (Eds.), *The Contours of Christian Education* (pp. 340-368). Great Wakering: McCrimmons.

Francis, L. J., & Gibson, H. M. (1992). Popular religious television and adolescent attitudes towards Christianity. In J. Astley and D. V. Day (Eds.), *The Contours of Christian Education* (pp. 369-381). Gt Wakering: McCrimmons. ISBN 0-8559-495-8.

Burton, L., & Francis, L. J. (1996). Growing up Catholic today: The teenage experience. In L. J. Francis, W. K. Kay and W. S. Campbell (Eds.), *Research in Religious Education* (pp. 359-382). Leominster: Fowler Wright Books,

- Curran, M., & Francis, L. J. (1996). Measuring Catholic identity among pupils in Catholic secondary schools. In L. J. Francis, W. K. Kay and W. S. Campbell (Eds.), *Research in Religious Education* (pp. 383-392). Leominster: Fowler Wright Books,
- Evans, T. E., & Francis, L. J. (1996). Measuring attitude toward Christianity through the medium of Welsh. In L. J. Francis, W. K. Kay, & W. S. Campbell (Eds.), *Research in religious education* (pp. 279-293). Leominster: Gracewing. ISBN 0-85244-342-0 and ISBN 1-57312-053-7.
- Jones, S. H., & Francis, L. J. (1996). Religiosity and self-esteem during childhood and adolescence. In L. J. Francis, W. K. Kay, & W. S. Campbell (Eds.), *Research in religious education* (pp. 189-206). Leominster: Gracewing. ISBN 0-85244-342-0 and ISBN 1-57312-053-7.
- Robbins, M. & Francis, L. J. (1996). Are religious people happier? A study among undergraduates. In L. J. Francis, W. K. Kay, & W. S. Campbell (Eds.), *Research in religious education* (pp. 207-218). Leominster: Gracewing. ISBN 0-85244-342-0 and ISBN 1-57312-053-7.
- Jones, S. H., & Francis, L. J. (1999). Personality type and attitude toward Christianity among student churchgoers. *Journal of Beliefs and Values*, 20, 105-109.
- Francis, L. J., Robbins, M., Bhanot, S., & Santosh, R. (2003). Measuring attitudes: the Santosh-Francis Scale of Attitude toward Hinduism. In S. Bhanot & R. Santosh (Eds.), *The Hindu youth research project 2001* (pp. 41-51). Oxford: Oxford Centre for Hindu Studies.
- Francis, L. J., Robbins, M., Bhanot, S., & Santosh, R. (2003). Mental health and religion among Hindu young people. In S. Bhanot & R. Santosh (Eds.), *The Hindu youth research project 2001* (pp. 52-59). Oxford: Oxford Centre for Hindu Studies.
- Fulljames, P. & Francis, L. J. (2003). Creationism among people in Kenya and Britain. In S. Coleman & L. Carlin (Eds.), *The Cultures of creationism: anti-evolution in English-speaking countries* (pp. 165-173). Aldershot: Ashgate. ISBN 0-7546-0912-X.
- Francis, L. J. (2009). Comparative empirical research in religion: Conceptual and operational challenges within empirical theology. In L. J. Francis, M. Robbins, & J. Astley (Eds.), *Empirical theology in texts and tables: Qualitative, quantitative and comparative perspectives* (pp 127-152). Leiden: Brill. ISSN 1389 1189 ISBN 978 9004 16888 6.
- Francis, L. J. (2009). Understanding the attitudinal dimensions of religion and spirituality. In M. De Souza, L. J. Francis, J. O'Higgins-Norman, & D. G. Scott (Eds.), *International handbook of education for spirituality, care and wellbeing* (pp 147-168). Dordrecht: Springer. ISBN 978-1-4020-9017-2.

### Articles

- Francis, L. J. (1977). Readiness for research in religion. *Learning for Living*, 16, 109-114.
- Francis, L. J. (1978). Attitude and longitude: a study in measurement. *Character Potential*, 8, 119-130.
- Francis, L. J. (1978). Measurement reapplied: research into the child's attitude towards religion. *British Journal of Religious Education*, 1, 45-51.
- Francis, L. J. (1979). The child's attitude towards religion: A review of research. *Educational Research*, 21, 103-108.
- Francis, L. J. (1979). The priest as test administrator in attitude research. *Journal for the Scientific Study of Religion*, 18, 78-81.

- Francis, L. J. (1979). School influence and pupil attitude towards religion. *British Journal of Educational Psychology*, 49, 107-123.
- Francis, L. J. (1980). The young person's religion: A crisis of attitude? *Scottish Journal of Theology*, 33, 159-169.
- Francis, L. J. (1980). Paths of holiness? Attitudes towards religion among 9-11 year old children in England. *Character Potential: a record of research*, 9, 129-138.
- Francis, L. J. (1980). Christianity and the child today: A research perspective on the situation in England. *Occasional Papers: Farmington Institute for Christian Studies*, 6.
- Francis, L. J. (1980). English research on the attitude of school-age children toward religion. *Annual Review of Research: Religious Education*, 1, 77-80.
- Francis, L. J. & Carter, M. (1980). Church aided secondary schools, religious education as an examination subject and pupil attitudes towards religion. *British Journal of Educational Psychology*, 50, 297-300.
- Francis, L. J. (1981). Anonymity and attitude scores among ten and eleven year old children. *Journal of Experimental Education*, 49, 74-76.
- Francis, L. J., Pearson, P. R., Carter, M., & Kay, W. K. (1981). Are introverts more religious? *British Journal of Social Psychology*, 20, 101-104.
- Francis, L. J., Pearson, P. R., Carter, M., & Kay, W. K. (1981). The relationship between neuroticism and religiosity among English 15- and 16-year olds. *Journal of Social Psychology*, 114, 99-102.
- Francis, L. J., Pearson, P. R., & Kay, W. K. (1982). Eysenck's personality quadrants and religiosity. *British Journal of Social Psychology*, 21, 262-264.
- Francis, L. J., Pearson, P. R., & Kay, W. K. (1983). Are introverts still more religious? *Personality and Individual Differences*, 4, 211-212.
- Francis, L. J., Pearson, P. R., & Kay, W. K. (1983). Are religious children bigger liars? *Psychological Reports*, 52, 551-554.
- Francis, L. J., Pearson, P. R., & Kay, W. K. (1983). Neuroticism and religiosity among English school children. *Journal of Social Psychology*, 121, 149-150.
- Francis, L. J. (1984). Roman Catholic schools and pupil attitudes in England. *Lumen Vitae*, 39, 99-108.
- Francis, L. J., & Kay, W. K. (1984). Attitude towards religion: definition, measurement and evaluation. *British Journal of Educational Studies*, 32, 45-50.
- Francis, L. J., & Pearson, P. R. (1985). Psychoticism and religiosity among 15 year olds. *Personality and Individual Differences*, 6, 397-398.
- Francis, L. J., & Pearson, P. R. (1985). Extraversion and religiosity. *Journal of Social Psychology*, 125, 269-270.
- Francis, L. J., Pearson, P. R., & Stubbs, M. T. (1985). Personality and religion among low ability children in residential special schools. *British Journal of Mental Subnormality*, 31, 41-45.

- Rhymer, J., & Francis, L. J. (1985). Roman Catholic secondary schools in Scotland and pupil attitude towards religion. *Lumen Vitae*, 40, 103-110.
- Boyle, J. J., & Francis, L. J. (1986). The influence of differing church aided school systems on pupil attitude towards religion. *Research in Education*, 35, 7-12.
- Francis, L. J. (1986). Roman Catholic secondary schools: Falling rolls and pupil attitudes. *Educational Studies*, 12, 119-127.
- Francis, L. J. (1986). Denominational schools and pupil attitude towards Christianity. *British Educational Research Journal*, 12, 145-152.
- Pearson, P. R., Francis, L. J., & Lightbown, T. J. (1986). Impulsivity and religiosity. *Personality and Individual Differences*, 7, 89-94.
- Francis, L. J. (1987). The decline in attitude towards religion among 8-15 year olds. *Educational Studies*, 13, 125-134.
- Francis, L. J. (1987). Measuring attitudes towards Christianity among 12- to 18-year-old pupils in Catholic schools. *Educational Research*, 29, 230-233.
- Francis, L. J., & Pearson, P. R. (1987). Empathic development during adolescence: religiosity the missing link? *Personality and Individual Differences*, 8, 145-148.
- Francis, L. J., & Stubbs, M. T. (1987). Measuring attitudes towards Christianity: From childhood into adulthood. *Personality and Individual Differences*, 8, 741-743.
- Fulljames, P., & Francis, L. J. (1987). The measurement of attitudes toward Christianity among Kenyan secondary school students. *Journal of Social Psychology*, 127, 407-409.
- Fulljames, P., & Francis, L. J. (1987). Creationism and student attitudes towards science and Christianity. *Journal of Christian Education*, 90, 51-55.
- Francis, L. J. (1988). The development of a scale of attitude towards Christianity among 8-16 year olds. *Collected Original Resources in Education*, 12, fiche 1, A04.
- Francis, L. J., & Pearson, P. R. (1988). Religiosity and the short-scale EPQ-R indices of E, N and L, compared with the JEPI, JEPQ and EPQ. *Personality and Individual Differences*, 9, 653-657.
- Francis, L. J., & Pearson, P. R. (1988). The development of a short form of the JEPQ (JEPQ-S): its use in measuring personality and religion. *Personality and Individual Differences*, 9, 911-916.
- Francis, L. J., Pearson, P. R., & Kay, W. K. (1988). Religiosity and lie scores: A question of interpretation. *Social Behaviour and Personality*, 16, 91-95.
- Fulljames, P., & Francis, L. J. (1988). The influence of creationism and scientism on attitudes towards Christianity among Kenyan secondary school students. *Educational Studies*, 14, 77-96.
- Francis, L. J. (1989). Drift from the churches: Secondary school pupils' attitudes toward Christianity. *British Journal of Religious Education*, 11, 76-86.
- Francis, L. J. (1989). Monitoring changing attitudes towards Christianity among secondary school pupils between 1974 and 1986. *British Journal of Educational Psychology*, 59, 86-91.
- Francis, L. J. (1989). Measuring attitude towards Christianity during childhood and adolescence. *Personality and Individual Differences*, 10, 695-698.

- Francis, L. J., Lankshear, D. W., & Pearson, P. R. (1989). The relationship between religiosity and the short form JEPQ (JEPQ-S) indices of E, N, L and P among eleven year olds. *Personality and Individual Differences, 10*, 763-769.
- Francis, L. J., & McCarron, M. M. (1989). Measurement of attitudes towards Christianity among Nigerian secondary school students. *Journal of Social Psychology, 129*, 569-571.
- Gibson, H. M., & Francis, L. J. (1989). Measuring attitudes towards Christianity among 11- to 16-year old pupils in Catholic schools in Scotland. *Educational Research, 31*, 65-69.
- Pearson, P. R., & Francis, L. J. (1989). The dual nature of the Eysenckian lie scales: are religious adolescents more truthful? *Personality and Individual Differences, 10*, 1041-1048.
- Francis, L. J. (1990). The religious significance of denominational identity among eleven year old children in England. *Journal of Christian Education, 97*, 23-28.
- Francis, L. J., Gibson, H. M., & Fulljames, P. (1990). Attitude towards Christianity, creationism, scientism and interest in science among 11-15 year olds. *British Journal of Religious Education, 13*, 4-17.
- Francis, L. J., & Greer, J. E. (1990). Measuring attitudes towards Christianity among pupils in Protestant secondary schools in Northern Ireland. *Personality and Individual Differences, 11*, 853-856.
- Francis, L. J., & Greer, J. E. (1990). Catholic schools and adolescent religiosity in Northern Ireland: Shaping moral values. *Irish Journal of Education, 24*, 40-47.
- Francis, L. J., Pearson, P. R., & Lankshear, D. W. (1990). The relationship between social class and attitude towards Christianity among ten and eleven year old children. *Personality and Individual Differences, 11*, 1019-1027.
- Gibson, H. M., Francis, L. J., & Pearson, P. R. (1990). The relationship between social class and attitude towards Christianity among fourteen- and fifteen-year-old adolescents. *Personality and Individual Differences, 11*, 631-635.
- Francis, L. J. (1991). Personality and attitude towards religion among adult churchgoers in England. *Psychological Reports, 69*, 791-794.
- Francis, L. J., Gibson, H. M., & Lankshear, D. W. (1991). The influence of Protestant Sunday Schools on attitude towards Christianity among 11-15 year olds in Scotland. *British Journal of Religious Education, 14*, 35-42.
- Francis, L. J., Greer, J. E., & Gibson, H. M. (1991). Reliability and validity of a short measure of attitude towards Christianity among secondary school pupils in England, Scotland and Northern Ireland. *Collected Original Resources in Education, 15*(3), fiche 2, G09.
- Francis, L. J., & Pearson, P. R. (1991). Religiosity, gender and the two faces of neuroticism. *Irish Journal of Psychology, 12*, 60-68.
- Fulljames, P., Gibson, H. M., & Francis, L. J. (1991). Creationism, scientism, Christianity and science: a study in adolescent attitudes. *British Educational Research Journal, 17*, 171-190.
- Greer, J. E., & Francis, L. J. (1991). Measuring attitudes towards Christianity among pupils in Catholic secondary schools in Northern Ireland. *Educational Research, 33*, 70-73.

- Francis, L. J. (1992). Monitoring attitudes toward Christianity: the 1990 study. *British Journal of Religious Education*, 14, 178-182.
- Francis, L. J. (1992). Is psychoticism really a dimension of personality fundamental to religiosity? *Personality and Individual Differences*, 13, 645-652.
- Francis, L. J. (1992). Reliability and validity of a short measure of attitude towards Christianity among nine to eleven year old pupils in England. *Collected Original Resources in Education*, 16(1), fiche 3, AO2.
- Francis, L. J. (1992). Reliability and validity of the Francis scale of attitude towards Christianity (adult). *Panorama*, 4(1), 17-19.
- Francis, L. J. (1992). Neuroticism and intensity of religious attitudes among clergy in England. *Journal of Social Psychology*, 132, 577-580.
- Francis, L. J., & Bennett, G. A. (1992). Personality and religion among female drug misusers. *Drug and Alcohol Dependence*, 30, 27-31.
- Francis, L. J., Fulljames, P., & Gibson, H. M. (1992). Does creationism commend the gospel? A developmental study among 11- 17- year-olds. *Religious Education*, 87, 19-27.
- Francis, L. J., Gibson, H. M., & Lankshear, D. W. (1992). Do Sunday schools make a difference? *Crosscurrent*, 37, 10-11.
- Francis, L. J., & Greer, J. E. (1992). Measuring Christian moral values among Catholic and Protestant adolescents in Northern Ireland. *Journal of Moral Education*, 21, 59-65.
- Francis, L. J., & Montgomery, A. (1992). Personality and attitudes towards Christianity among eleven to sixteen year old girls in a single sex Catholic school. *British Journal of Religious*, 14, 114-119.
- Greer, J. E., & Francis, L. J. (1992). Religious experience and attitude toward Christianity among secondary school children in Northern Ireland. *Journal of Social Psychology*, 132, 277-279.
- Francis, L. J. (1993). Personality and religion among college students in the UK. *Personality and Individual Differences*, 14, 619-622.
- Francis, L. J. (1993). Reliability and validity of a short scale of attitude towards Christianity among adults, *Psychological Reports*, 72, 615-618.
- Francis, L. J. (1993). Attitudes towards Christianity during childhood and adolescence: assembling the jigsaw. *Journal of Beliefs and Values*, 14(2), 4-6.
- Francis, L. J., & Gibson, H. M. (1993). Television, pop culture and the drift from Christianity during adolescence, *British Journal of Religious Education*, 15, 31-37.
- Francis, L. J., & Gibson, H. M. (1993). Parental influence and adolescent religiosity: a study of church attendance and attitude toward Christianity among adolescents 11 to 12 and 15 to 16 years old. *International Journal for the Psychology of Religion*, 3, 241-253.
- Francis, L. J., & Greer, J. E. (1993). The contribution of religious experience to Christian development: a study among fourth, fifth and sixth year pupils in Northern Ireland. *British Journal of Religious Education*, 15, 38-43.

- Lester, D., & Francis, L. J. (1993). Is religiosity related to suicidal ideation after personality and mood are taken into account? *Personality and Individual Differences, 15*, 591-592.
- Francis, L. J. (1995). Church schools and pupil attitudes towards Christianity: A response to Mairi Levitt. *British Journal of Religious Education, 17*, 133-139.
- Francis, L. J., Lewis, J. M., Brown, L. B., Philipchalk, R., & Lester, D. (1995). Personality and religion among undergraduate students in the United Kingdom, United States, Australia and Canada. *Journal of Psychology and Christianity, 14*, 250-262.
- Francis, L. J., Lewis, J. M., Philipchalk, R., Brown, L. B., & Lester, D. (1995). The internal consistency reliability and construct validity of the Francis scale of attitude toward Christianity (adult) among undergraduate students in the UK, USA, Australia and Canada. *Personality and Individual Differences, 19*, 949-953.
- Francis, L. J., Lewis, J. M., Philipchalk, R., Lester, D., & Brown, L. B. (1995). Reliability and validity of a short scale of attitude toward Christianity among students in the UK, USA, Australia and Canada. *Psychological Reports, 77*, 431-434.
- Robbins, M., Francis, L. J., & Gibbs, D. (1995). Personality and religion: A study among 8-11 year olds. *Journal of Beliefs and Values, 16*(1), 1-6.
- Carter, M., Kay, W. K., & Francis, L. J. (1996). Personality and attitude toward Christianity among committed adult Christians. *Personality and Individual Differences, 20*, 265-266.
- Francis, L. J., & Wilcox, C. (1996). Religion and gender orientation. *Personality and Individual Differences, 20*, 119-121.
- Kay, W. K., Francis, L. J., & Gibson, H. M. (1996). Attitude toward Christianity and the transition to formal operational thinking. *British Journal of Religious Education, 19*, 45-55.
- Francis, L. J., Jones, S. H., & Wilcox, C. (1997). Religiosity and dimensions of psychological well-being among 16-19 year olds. *Journal of Christian Education, 40*(1), 15-20.
- Francis, L. J., & Lester, D. (1997). Religion, personality and happiness. *Journal of Contemporary Religion, 12*, 81-86.
- Wilcox, C., & Francis, L. J. (1997). Personality and religion among A level religious studies students. *International Journal of Children's Spirituality, 1*(2), 48-56.
- Francis, L. J. (1998). The social scientific study of religion. *Journal of Beliefs and Values, 19*, 247-250.
- Francis, L. J. (1998). The relationship between intelligence and religiosity among 15- to 16- year-olds. *Mental Health, Religion and Culture, 1*, 185-196.
- Francis, L. J., & Wilcox, C. (1998). Religiosity and femininity: Do women really hold a more positive attitude toward Christianity? *Journal for the Scientific Study of Religion, 37*, 462-469.
- Orchard, A. & Francis, L. J. (1998). Neuroticism and strength of religious attitudes among churchgoers in England. *Journal of Beliefs and Values, 19*, 231-236.
- 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. (1999) Personality and attitude toward Christianity among undergraduates. *Journal of Research on Christian Education*, 8, 179-195.
- Francis, L. J., Astley, J., Fearn, M. & Wilcox, C. (1999). Do social scientists hold a less positive attitude toward Christianity: A study among female A-level students in England. *Journal of Christian Education*, 42(2), 35-41.
- Francis, L. J., & Fearn, M. (1999). Religion and personality: A study among A-level students. *Transpersonal Psychology Review*, 3(2), 26-30.
- Francis, L. J., Fearn, M., Astley, J., & Wilcox, C. (1999). The relationship between Christian commitment and motivation to study religion at A-level: A preliminary investigation. *Journal of Education and Christian Belief*, 3, 115-122.
- Francis, L. J., & Greer, J. E. (1999). Religious experience and attitude toward Christianity among Protestant and Catholic adolescents in Northern Ireland. *Research in Education*, 61, 1-7.
- Francis, L. J., & Greer, J. E. (1999). Attitude toward Christianity among secondary pupils in Northern Ireland: persistence of denominational differences? *British Journal of Religious Education*, 21, 175-180.
- Francis, L. J., & Kwiran, M. (1999). Personality and religion among secondary pupils in Germany. *Panorama*, 11, 34-44.
- Francis, L. J., & Kwiran, M. (1999). Werthaltungen (einstellungen) gegenüber dem christentum bei deutschen heranwachsenden: die francis-skala. *Braunschweiger Beiträge*, 89, 50-54.
- Francis, L. J., & Orchard, A. (1999). The relationship between the Francis Scale of Attitude toward Christianity and measures of intrinsic, extrinsic and quest religiosity. *Pastoral Psychology*, 47, 365-371.
- Jones, S. H., & Francis, L. J. (1999). Personality type and attitude toward Christianity among student churchgoers. *Journal of Beliefs and Values*, 20, 105-109.
- Bourke, R., & Francis, L. J. (2000). Personality and religion among music students. *Pastoral Psychology*, 48, 437-444.
- Francis, L. J., & Hermans, C. A. M. (2000). Internal consistency reliability and construct validity of the Dutch translation of the Francis Scale of Attitude toward Christianity among adolescents. *Psychological Reports*, 86, 301-307.
- Francis, L. J., Jones, S. H., & Wilcox, C. (2000). Religiosity and happiness: During adolescence, young adulthood and later life. *Journal of Psychology and Christianity*, 19, 245-257.
- Francis, L. J., & Robbins, M. (2000). Religion and happiness: a study in empirical theology. *Transpersonal Psychology Review*, 4(2), 17-22.
- Lewis, C. A., & Francis, L. J. (2000). Personality and religion among female university students in France. *International Journal of Psychology*, 35, 229.
- Fearn, M., Francis, L. J., & Wilcox, C. (2001). Attitude toward Christianity and psychological type: A survey among religious studies students. *Pastoral Psychology*, 49, 341-348.
- Francis, L. J. (2001). Christianity and dogmatism revisited: A study among fifteen and sixteen year olds in the UK. *Religious Education*, 96, 211-226.

- Francis, L. J., & Gibson, H. M. (2001). Growing up Catholic in a Scottish city: The relationship between denominational identity, denominational schools, and attitude toward Christianity among eleven to fifteen year olds. *Catholic Education: a journal of inquiry and practice*, 5, 39-54.
- Francis, L. J., & Greer, J. E. (2001). Shaping adolescents' attitudes toward science and religion in Northern Ireland: The role of scientism, creationism and denominational schools. *Research in Science and Technological Education*, 19, 39-53.
- Francis, L. J., & Enger, T. (2002). The Norwegian translation of the Francis Scale of Attitude toward Christianity. *Scandinavian Journal of Psychology*, 43, 363-367.
- Francis, L. J., & Katz, Y. J. (2002). Religiosity and happiness: A study among Israeli female undergraduates, *Research in the Social Scientific Study of Religion*, 13, 75-86.
- Francis, L. J., Lewis, C. A., & Ng, P. (2002). Assessing attitude toward Christianity among Chinese speaking adolescents in Hong Kong: The Francis Scale. *North American Journal of Psychology*, 4, 431-440.
- Francis, L. J., Ziebertz, H.-G., & Lewis, C. A. (2002). The psychometric properties of the Francis Scale of Attitude toward Christianity among German students. *Panorama*, 14, 153-162.
- Lewis, C. A., & Francis, L. J. (2002). Reliability and validity of a Welsh translation of a short scale of attitude toward Christianity. *Irish Journal of Psychology*, 23, 101-108.
- Sahin, A., & Francis, L. J. (2002). Assessing attitude toward Islam among Muslim adolescents: The psychometric properties of the Sahin-Francis scale. *Muslim Education Quarterly*, 19(4), 35-47.
- Fearn, M., Lewis, C. A., & Francis, L. J. (2003). Religion and personality among religious studies students: a replication. *Psychological Reports*, 93, 819-822.
- Francis, L. J., & Bourke, R. (2003). Personality and religion: Applying Cattell's model among secondary school pupils. *Current Psychology*, 22, 125-137.
- Francis, L. J., & Jackson, C. J. (2003). Eysenck's dimensional model of personality and religion: are religious people more neurotic? *Mental Health, Religion and Culture*, 6, 87-100.
- Francis, L. J., & Kerr, S. (2003). Personality and religion among secondary school pupils in South Africa in the early 1990s. *Religion and Theology: A journal of contemporary religious discourse*, 10, 224-236.
- Francis, L. J., Lewis, C. A., & Ng, P. (2003). Psychological health and attitude toward Christianity among secondary school pupils in Hong Kong. *Journal of Psychology in Chinese Societies*, 4, 231-245.
- Francis, L. J., & Robbins, M. (2003). Christianity and dogmatism among undergraduate students. *Journal of Beliefs and Values*, 24, 89-95.
- Francis, L. J., Robbins, M., Boxer, A., Lewis, A., McGuckin, C., & McDaid, C. J. (2003). Psychological type and attitude toward Christianity: A replication. *Psychological Reports*, 92, 89-90.
- Francis, L. J., Robbins, M., & White, A. (2003). Correlation between religion and happiness: a replication. *Psychological Reports*, 92, 51-52.

- Francis, L. J., & Thomas, E. M. (2003). The reliability and validity of the Francis Scale of Attitude toward Christianity among Welsh speaking 9-11 year olds. *The Psychologist in Wales, 16*, 9-14.
- Francis, L. J., Ziebertz, H.-G., Lewis, C. A. (2003). The relationship between religion and happiness among German students. *Pastoral Psychology, 51*, 273-281.
- Francis, L. J., Ziebertz, H.-G., & Lewis, C. A. (2003). The relationship between personality and religion among undergraduate students in Germany. *Archiv für Religionspsychologie, 24*, 121-127.
- Hills, P., & Francis, L. J. (2003). Discriminant validity of the Francis Scale of Attitude towards Christianity with respect to religious orientation. *Mental Health, Religion and Culture, 6*, 277-282.
- Kalbheim, B., Francis, L. J., & Ziebertz, H.-G. (2003). Christlicher Glaube und Glück: eine empirische studie zum zusammenhang von religiosität und glückserfahrungen. *Archiv für Religionspsychologie, 25*, 42-61.
- Lewis, C. A., & Francis, L. J. (2003). Evaluer l'attitude d'étudiantes françaises à l'égard du Christianisme: l'Échelle de Francis. *Sciences Pastorals, 22*, 179-190.
- Lewis, C.A., Francis, L. J., & Enger, T. (2003). Reliability and validity of a Norwegian translation of a short scale of attitude toward Christianity. *Individual Differences Research, 1*, 230-235.
- Lewis, C. A., Francis, L. J., & Ng, p. (2003). Reliability and validity of a Chinese translation of a short scale of attitude toward Christianity, *Journal of Personality and Clinical Studies, 19*, 195-200.
- Robbins, M., Francis, L. J., & Williams, N. (2003). Reliability of the Francis Scale of Attitude toward Christianity among 8 year olds. *Psychological Reports, 92*, 104.
- Francis, L. J., Jones, S. H., & Craig, C. L. (2004). Personality and religion: the relationship between psychological type and attitude toward Christianity. *Archiv für Religionspsychologie, 26*, 15-33.
- Francis, L. J., Katz, Y. J., Yablon, Y., & Robbins, M. (2004). Religiosity, personality, and happiness: A study among Israeli male undergraduates. *Journal of Happiness Studies, 5*, 315-333.
- Francis, L. J., Robbins, M., Lewis, C. A., Quigley, C. F., & Wheeler, C. (2004). Religiosity and general health among undergraduate students: a response to O'Connor, Cobb and O'Connor. *Personality and Individual Differences, 37*, 485-494.
- Francis, L. J., & Thomas, E. M. (2004). Personoliaeth a chrefydd ymysg siaradwyr Cymraeg 9-11 mlwydd oed. *Welsh Journal of Education, 12*(2), 99-110.
- Jackson, C. J., & Francis, L. J. (2004). Are interactions in Gray's reinforcement sensitivity theory proximal or distal in the prediction of religiosity: A test of the joint subsystems hypothesis. *Personality and Individual Differences, 36*, 1197-1209.
- Lewis, C. A., & Francis, L. J. (2004). Reliability and validity of a French translation of a short scale of attitude toward Christianity. *Pastoral Psychology, 52*, 459-464.

- Robbins, M., Babington, P., & Francis, L. J. (2004). Correlations between attitude toward Christianity, prayer and church attendance among 9 to 11 year olds. *Psychological Reports*, 94, 305-306.
- Bourke, R., Francis, L. J., & Robbins, M. (2005). Personality and attitude toward Christianity among church musicians. *North American Journal of Psychology*, 7, 85-88.
- Francis, L. J. (2005). Gender role orientation and attitude toward Christianity: A study among older men and women in the United Kingdom. *Journal of Psychology and Theology*, 33, 179-186.
- Francis, L. J., & Enger, E. (2005). Psykisk helse og holdning til Kristendommen blant grunnskoleelever i Norge. *Tidsskrift for Norsk Psykologforening*, 42, 700-705.
- Francis, L. J., Fearn, M., & Lewis, C. A. (2005). The impact of personality and religion on attitudes toward alcohol among 16- to 18-year olds in Northern Ireland. *Journal of Religion and Health*, 44, 267-289.
- Francis, L. J., Kerr, S., & Lewis, C. A. (2005). Assessing attitude toward Christianity among adolescents in South Africa: The Francis scale. *South African Journal of Psychology*, 35, 147-155.
- Lewis, C. A., Francis, L. J., Ziebertz, H.-G., & Kwiran, M. (2005). Reliability and validity of a German translation of a short scale of attitude toward Christianity. *Individual Differences Research*, 3, 205-212.
- Williams, E., Robbins, M., & Francis, L. J. (2005). When introverts ceased to be more religious: A study among 12- to 16-year-old pupils. *Journal of Beliefs and Values*, 26, 77-79.
- Francis, L. J. (2006). Attitude toward Christianity and premarital sex. *Psychological Reports*, 98, 140.
- Francis, L. J., ap Siôn, T., Lewis, C. A., Robbins, M., & Barnes, L. P. (2006). Attitude toward Christianity and religious experience: Replication among 16- to 18-year-old adolescents in Northern Ireland. *Research in Education*, 76, 56-61.
- Francis, L. J., Sahin, A., & Al-Ansari, e. (2006). The psychometric properties of the Sahin-Francis Scale of Attitude toward Islam among young adults in Kuwait. *Muslim Education Quarterly*, 23, 69-82.
- Lewis, C. A., Cruise, S. M., McGuckin, C., & Francis, L. J. (2006). Temporal stability of the Francis Scale of Attitude toward Christianity among 9- to 11-year-old English children: Test-retest data over six weeks. *Social Behaviour and Personality*, 34, 1081-1086.
- Williams, E., & Francis, L. J. (2006). Personality and attitude toward Christianity among churchgoers: A replication. *Psychological Reports*, 99, 292-294.
- Williams, E., Francis, L. J., & Robbins, M. (2006). Attitude toward Christianity and paranormal belief among 13- to 16-year-old students. *Psychological Reports*, 99, 266.
- Williams, E., Robbins M., & Francis, L. J. (2006). Personality and religion among adolescents in Wales. *The Psychologist in Wales*, 19, 21-22.
- Bourke R., Francis L. J., & Robbins, M. (2007). Cattell's personality model and attitude toward Christianity. *Mental Health, Religion and Culture*, 10, 353-362. ISSN 1367-4676.

- Francis L. J., & Burton, L. (2007). The relationship between psychological health and attitude toward Christianity among 11- to 15-year-old pupils in England. *Journal of Research on Christian Education*, *16*, 83-102. ISSN 1065-6219.
- Francis L. J., & Katz, Y. J. (2007). Measuring attitude toward Judaism: The internal consistency reliability of the Katz-Francis Scale of Attitude toward Judaism. *Mental Health, Religion and Culture*, *10*, 309-324. ISSN 1367-4676.
- Francis L. J., Robbins M., ap Siôn T, Lewis C. A., & Barnes, L. P. (2007). Psychological health and attitude toward Christianity among Protestant and Catholic sixth-form pupils in Northern Ireland. *Pastoral Psychology*, *56*, 157-164. ISSN 0031-2789.
- Francis, L. J., Robbins, M., Lewis, C. A., Barnes L. P., & ap Siôn, T. (2007). Attitude toward Christianity among secondary school pupils in Northern Ireland: Shifts in denominational differences. *Educational Research*, *49*, 431-436. ISSN 0013-1881.
- Francis, L. J., Hills P. R., Schludermann, E. & Schludermann, S. (2008). Religion, psychological well-being, and personality: A study among undergraduate students in Canada. *Research in the Social Scientific Study of Religion*, *19*, 1-16. ISSN 0922 2936.
- Francis, L. J., Robbins, M., Santosh, R., & Bhanot, S. (2008). Religion and mental health among Hindu young people in England. *Mental Health, Religion and Culture*, *11*, 341-347. ISSN 1367-4676.
- Francis, L. J., Sahin A., & Al-Failakawi, F. (2008). Psychometric properties of two Islamic measures among young adults in Kuwait: The Sahin-Francis Scale of Attitude toward Islam and the Sahin Index of Islamic Moral Values. *Journal of Muslim Mental Health*, *3*, 9-34. ISSN 1556-4908.
- Francis, L. J., Santosh, Y. R., Robbins M., & Vij, S. (2008). Assessing attitude toward Hinduism: The Santosh-Francis Scale. *Mental Health, Religion and Culture*, *11*, 609-621. ISSN 1367-4676.
- Francis, L. J., & Thomas, E. (2008). Welsh language adaptation of the short-form Junior Eysenck Personality Questionnaire Revised (JEPQR-S). *Psychologist in Wales*, *21*, 25-32. ISSN 1468-4756.
- Flere, S. Klanjsek, R., Francis, L. J., & Robbins, M. (2009). The psychometric properties of the Slovenian translation of the Francis Scale of Attitude toward Christianity: A study among Roman Catholic undergraduate students. *Journal of Beliefs and Values*, *29*, 313-319. ISSN 1361 7672.
- Francis, L. J., & Hermans, C. A. M. (2009). Psychological health and attitude toward Christianity: a study among pupils attending Catholic schools in the Netherlands. *Journal of Religious Education*, *57* (2), 47-55. ISSN 1442 018X.
- Francis, L. J., Ispas, D. Robbins, M., Ilie A., & Iliescu, D. (2009). The Romanian translation of the Francis Scale of Attitude toward Christianity: Internal consistency reliability, re-test reliability and construct validity among undergraduate students within a Greek Orthodox culture. *Pastoral Psychology*, *58*, 49-54. ISSN 0031 2789.
- Williams, E., Francis, L. J., Astley, J., & Robbins, M. (2009). The relationship between paranormal beliefs and attitude towards theistic beliefs. *Journal for the Society of Psychical Research*, *73*(1), 33-40. ISSN 0037 1475.

- Astley, J., & Francis, L. J. (2010). Promoting positive attitudes toward science and religion among sixth-form pupils: Dealing with scientism and creationism. *British Journal of Religious Education*, 32, 189-200. ISSN 0141 6200.
- Elken, A., Francis, L. J., & Robbins, M. (2010). The Estonian translation of the Francis Scale of Attitude toward Christianity: Internal consistency reliability and construct validity. *Journal of Beliefs and Values*, 31, 231-234. ISSN 1361 7672
- Francis, L. J., Quesnell, M., & Lewis, C. A. (2010). Assessing attitude toward Christianity among adolescents in the Czech Republic: The Francis Scale. *Irish Journal of Psychology*, 31, 125-134. ISSN 0303 3910.
- Hancock, L., Tiliopoulos, N., & Francis, L. J. (2010). Psychometric properties of the Francis Scale of Attitude to Christianity among Australian Christians. *Journal of Religious Education*, 58(4), 72-75. ISSN 1442 018X.
- Swindells, T., Francis, L. J., & Robbins, M. (2010). Shaping attitude toward Christianity among year seven pupils: The influence of sex, church, home and primary school. *Journal of Beliefs and Values*, 31, 343-348. ISSN 1361 7672.
- Tiliopoulos, N., Francis, L. J., & Slattery, M. (2010). The internal consistency reliability of the Santosh-Francis Scale of Attitude toward Hinduism among Hindu Bunts in South India. *North American Journal of Psychology*, 12, 185-190. ISSN 1527 7143.
- Williams, E., Francis, L. J., & Billington, U. (2010). The Williams Scale of Attitude toward Paganism: Development and application among British Pagans. *Archive for the Psychology of Religion*, 32, 179-193. ISSN 0084 6724.
- Flere, S., Francis, L. J., & Robbins, M. (2011). The psychometric properties of the Serbian translation of the Francis Scale of Attitude toward Christianity: A study among Eastern Orthodox students. *Pastoral Psychology*, 60, 217-222. ISSN 0031 2789.
- Lesmana, C. B. J., Tiliopoulos, N., & Francis, L. J. (2011). The internal consistency reliability of the Santosh-Francis Scale of Attitude toward Hinduism among Balinese Hindus. *International Journal of Hindu Studies*, 15, 293-301. ISSN 1022 4556.
- Tiliopoulos, N., Francis, L. J., & Slattery, M. (2011). The affective dimension of religion and happiness among Hindu Bunts in South India. *Transpersonal Psychology Review*, 14(2), 25-29. ISSN 1336 6991.
- Village, A., Francis, L. J., & Brockett, A. (2011). Religious affect among adolescents in a multi-faith society: The role of personality and religious identity. *Journal of Beliefs and Values*, 32, 295-301. ISSN 1361 7672.
- Astley, J., Francis, L. J., & Robbins, M. (2012). Assessing attitude towards religion: The Astley-Francis Scale of Attitude toward Theistic Belief. *British Journal of Religious Education*, 34, 183-193. ISSN 0141-6200.
- Francis, L. J., Elken, A., & Robbins, M. (2012). The affective dimension of religion and personal happiness among students in Estonia. *Journal of Research in Christian Education*, 21, 84-90. ISSN 1065 6219.
- Francis, L. J., Brockett, A., & Village, A. (2013). Measuring attitude toward theistic faith: Assessing the Astley-Francis Scale among Christian, Muslim and secular youth in England. *Research in Education*, 89, 70-81. ISSN 0034 5237.

- Francis, L. J., Flere, S., Klanjsek, R., Williams, E., & Robbins, M. (2013). Attitude toward Christianity and New Age beliefs among undergraduate students in Slovenia: A study in implicit religion. *Mental Health Religion and Culture, 16*, 953-963. ISSN 1367 4676.
- Tiliopoulos, N., Francis, L. J., & Jiang, Y. (2013). The Chinese translation of the Francis Scale of Attitude toward Christianity: Factor structure, internal consistency reliability and construct validity among Protestant Christians in Shanghai. *Pastoral Psychology, 62*, 75-79. ISSN 00312789.
- Crea, G., Baioco, R., Ioverno, S., Buzzi, G., & Francis, L. J. (2014). The psychometric properties of the Italian translation of the Francis Scale of Attitude toward Christianity: A study among Catholic adolescents. *Journal of Beliefs and Values, 35*, 118-122. ISSN 1361 7672.
- Francis, L. J., Yablon, Y. B., & Robbins, M. (2014). Religion and happiness: A study among female undergraduate students in Israel. *International Journal of Jewish Education Research, 7*, 77-92. ISSN 2305 4417.
- Lewis, C. A., & Francis, L. J. (2014). Personality and religion among female university students in France. *Psychology, Society and Education, 6*(2), 68-81. ISSN 2171 2085.
- Yablon, Y. B., Francis, L. J., & Robbins, M. (2014). The Katz-Francis Scale of Attitude toward Judaism: Internal consistency reliability and construct validity among female undergraduate students in Israel. *Pastoral Psychology, 63*, 73-78. ISSN 0031 2789.
- Francis, L. J., Kamble, S. V., & Robbins, M. (2016). The internal consistency reliability and construct validity of the Santosh-Francis Scale of Attitude toward Hinduism among students in India. *Mental Health, Religion and Culture, 19*, 476-483. ISSN 1367 4676.
- Francis, L. J., & Lewis, C. A. (2016). Internal consistency reliability and construct validity of the Astley-Francis Scale of Attitude toward Theistic Faith among religiously unaffiliated Christian and Muslim youth in the UK. *Mental Health, Religion and Culture, 19*, 484-492. ISSN 1367 4676.
- Francis, L. J., Tekke, M., & Robbins, M. (2016). The psychometric properties of the Sahin-Francis Scale of Attitude toward Islam Revised among Sunni students in Malaysia. *Mental Health, Religion and Culture, 19*, 433-439. ISSN 1367 4676.
- Lumbroso, P., Fayn, K., Tiliopoulos, N., & Francis, L. J. (2016). The internal consistency reliability of the Katz-Francis Scale of Attitude toward Judaism among Australian Jews. *Religions, 7*, 123, 1-6. ISSN 2077 444.