

Publications of Shiro Horiuchi

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Books (including special issues of professional journals) [two books]:

- [1] 2006 Jean-Marie Robine, Eileen Crimmins, Shiro Horiuchi, and Yi Zeng, eds., *Human Longevity, Individual Life Duration, and the Growth of the Oldest-Old Population*. Springer.
- [2] 2005 Shiro Horiuchi and Jean-Marie Robine, eds. *Increasing Longevity: Causes, Trends, and Prospects*. Special Issue of *Genus*, 61(1).

Research and Review Papers in English (excluding United Nations publications that do not show names of the authors) [36 articles]:

- [3] Shiro Horiuchi. Life table aging rate: a statistical microscope for mortality analysis. In: Thérèse Loch and France Meslé, eds. *Population Dynamics, Human Health: Miscellany in Honor of Jaques Vallin*. Paris: INED, forthcoming.
- [4] 2010 A. Roger Thatcher, Siu Lan Karen Cheung, Shiro Horiuchi, and Jean-Marie Robine. The compression of deaths above the mode. *Demographic Research* 22:505-538.
- [5] 2010 Jean-Marie Robine, Siu Lan Karen Cheung, and Shiro Horiuchi. Arthur Roger Thatcher's contributions to longevity research: A reflexion. *Demographic Research* 22:539-548.
- [6] 2008 S. Horiuchi, J.R. Wilmoth, and S. Pletcher. A decomposition method based on a model of continuous change. *Demography* 45(4):785-801.
- [7] 2007 Dana Gleit and Shiro Horiuchi. The narrowing sex gap in life expectancy: Effects of sex differences in the age pattern of mortality. *Population Studies*, 61(2):141-159.
- [8] 2006 Shiro Horiuchi. Causes of death among the oldest-old: Distributions and age variations. In: Jean-Marie Robine, Eileen Crimmins, Shiro Horiuchi and Yi Zeng, eds., *Human Longevity, Individual Life Duration, and the Growth of the Oldest-Old Population*. Springer, pp.215-235.
- [9] 2005 Shiro Horiuchi. Tempo effect on age-specific death rates. *Demographic Research* 13:189-200. (Published also in: E. Barbi, J. Bongaarts, & J.W. Vaupel, eds. *How Long Do We Live? Demographic Models and Reflections on Tempo Effects*. Springer, pp. 191-201, 2008.)
- [10] 2005 Shiro Horiuchi and Jean-Marie Robine. Introduction. In: Shiro Horiuchi and Jean-Marie Robine, eds. *Increasing Longevity: Causes, Trends, and Prospects*. Special Issue of *Genus*, 61(1): 1-7.)

- [11] 2003 Shiro Horiuchi, Caleb Finch, France Meslé, and Jacques Vallin. Differential patterns of age-related mortality increase in middle age and old age. *Journal of Gerontology: Biological Sciences*, 58A(6):495-507.
- [12] 2003 Shiro Horiuchi. Age patterns of mortality. In: P. Demeny and G. McNicoll eds., *The Encyclopedia of Population*. Farmington Hills, Michigan: Macmillan, pp. 649-654.
- [13] 2003 Shiro Horiuchi. Interspecies comparison of life span distribution: Humans versus invertebrates. In: J. Carey and S. Tuljapurkar eds., *Life Span: Evolutionary, Ecological and Demographic Perspectives*, (*Population and Development Review*, Special Supplement to Volume 29), pp. 127-151.
- [14] 2000 J. R. Wilmoth, L. J. Deegan, H. Lundström, and S. Horiuchi. Increase in maximum life span in Sweden, 1861-1999. *Science* 289:2366-2368
- [15] 2000 Shiro Horiuchi. Greater lifetime expectations. *Nature* 405:744-745.
- [16] 1999 J.R. Wilmoth and S. Horiuchi. Rectangularization revisited: Variability of age at death within human populations. *Demography* 36(4):475-495.
- [17] 1999 S. Horiuchi. Epidemiological transitions in human history. In: *Health and Mortality: Issues of Global Concern*. New York: United Nations, pp. 54-71. (Reprinted in: Jonathan Watson, Pavel Ovseiko, eds. *Health Care Systems: Major Themes in Health and Social Welfare. Volume 4. Rethinking Health Care Systems*. Routledge, pp. 109-135, 2005.)
- [18] 1999 John R. Wilmoth and Shiro Horiuchi. Do the oldest old grow old more slowly? In: B. Forette, C. Franceschi, J.-M. Robine, and M. Allard, eds., *The Paradoxes of Longevity*. Heidelberg: Springer-Verlag, pp.35-60.
- [19] 1998 S. Horiuchi and J.R. Wilmoth. Deceleration in the age pattern of mortality at older ages. *Demography* 35(4):391-412.
- [20] 1997 S. Horiuchi. Postmenopausal acceleration of age-related mortality increase. *Journal of Gerontology: Biological Sciences* 52A: B78-B92.
- [21] 1997 S. Horiuchi and J.R. Wilmoth. Age patterns of the life-table aging rate for major causes of death in Japan, 1951-1990. *Journal of Gerontology: Biological Sciences* 52A: B67-B77.
- [22] 1995 V. Kandiah and S. Horiuchi. Recent trends and prospects in world population growth. *Population Bulletin of the United Nations* 39:133-146.
- [23] 1995 S. Horiuchi. The cohort approach to population growth: a retrospective decomposition of growth rates for Sweden. *Population Studies* 49:147-163.

- [24] 1993 S. Horiuchi. The world population growth rate: Why declines stalled in the 1980s. *Population Today* 21(6):6-9.
- [25] 1992 S. Horiuchi. Global trends of age distribution, 1950-1990. In: *Changing Population Age Structures, 1990-2015*. Geneva: United Nations Economic Commissions for Europe, pp.4-22.
- [26] 1992 S. Horiuchi. Stagnation in the decline of the world population growth rate during the 1980s. *Science* 257:761-765.
- [27] 1991 S. Horiuchi. Assessing effects of mortality reduction on population aging. *Population Bulletin of the United Nations* 31:38-51.
- [28] 1991 S. Horiuchi. Measurement and analysis of cohort size variations. *Population Bulletin of the United Nations* 30:106-124.
- [29] 1990 S. Horiuchi and A. J. Coale. Age patterns of mortality for older women: an analysis using age-specific rate of mortality change with age. *Mathematical Population Studies* 2(4):245-267.
- [30] 1989 S. Horiuchi. Some methodological issues in the assessment of the deceleration of mortality decline. In: Lado Ruzicka, Guillaume Wunch and Penny Kane eds., *Differential Mortality: Methodological Issues and Biosocial Factors*. Oxford: Clarendon Press, pp.64-78.
- [31] 1988 S. Horiuchi and S. Preston. Age-specific growth rates: the legacy of past population dynamics. *Demography* 25(3):429-441. (Reprinted in: D. J. Bogue, E. E. Arriaga, and D. L. Anderton, eds. *Readings in Population Research Methodology. Volume 5. Population Models, Projections and Estimates*. United Nations Population Fund, pp. 19-11 — 19-17, 1993.)
- [32] 1984 N. Bennett and S. Horiuchi. Mortality estimation from registered deaths in less developed countries. *Demography* 21(2):217-233. (Reprinted in: D. J. Bogue, E. E. Arriaga, and D. L. Anderton, eds. *Readings in Population Research Methodology. Volume 2. Mortality Research*. United Nations Population Fund, pp. 8-79 — 8-87, 1993.)
- [33] 1983 S. Horiuchi. The long-term impact of war on mortality: old age mortality of the first world war survivors in the Federal Republic of Germany. *Population Bulletin of the United Nations* 15:80-92.
- [34] 1982 S. Horiuchi and A. J. Coale. A simple equation for estimating the expectation of life at old ages. *Population Studies* 36(2):317-326.

- [35] 1981 N. Bennett and S. Horiuchi. Estimating the completeness of death registration in a closed population. *Population Index* 47(2):207-221. (Translated into Spanish, *Notas de Poblacion* 35:11-33, 1984.)
- [36] 1980 A. Cherlin and S. Horiuchi. Retrospective reports of family structure: a methodological assessment. *Sociological Methods and Research* 8(4):454-469.
- [37] 1979 S. Horiuchi. Decomposition of the rise in divorce rates: a note on Michael's results. *Demography* 16(4):549-551.
- [38] 1979 J. Fennessey and S. Horiuchi. Assessing the accuracy of teachers' quantitative judgements. *Simulation and Games* 10(2):139-166.

United Nations Publications (that do not show names of the authors) [17 publications]:

- [39] 1992 Part one. Age structure of population. World Population Monitoring 1991. New York: United Nations.
- [40] 1991 Part one. Age structure. Concise Report on the World Population Situation 1991: With a Special Emphasis on Age Structure. New York: United Nations.
- [41] 1991 The Sex and Age Distributions of Population, the 1990 Revision. New York: United Nations.
- [42] 1991 World Population Prospects, 1990. New York: United Nations.
- [43] 1989 Global Estimates and Projections of Population by Sex and Age, 1988. New York: United Nations.
- [44] 1989 Review of Recent National Demographic Target Setting. New York: United Nations.
- [45] 1989 World Population Prospects, 1988. New York: United Nations.
- [46] 1988 United Nations Secretariat. Global trends and prospects of aging population structures. In: Economic and Social Implications of Population Aging. New York: United Nations.
- [47] 1988 World Demographic Estimates and Projections, 1950-2025. New York: United Nations.
- [48] 1987 United Nations Secretariat. World demographic trends. World Health Statistics Quarterly 40(1):6-21.
- [49] 1987 Global Estimates and Projections of Population by Sex and Age: The 1984 Assessment. New York: United Nations.

- [50] 1986 World Population Prospects: Estimates and Projections as Assessed in 1984. New York: United Nations.
- [51] 1986 Chapter II. Demographic Profile. In: The Situation of Youth in the 1980s and Challenges for the Year 2000. New York: United Nations.
- [52] 1985 Socio-economic Differentials in Child Mortality in Developing Countries. New York: United Nations.
- [53] 1985 Chapter III. Levels and trends of mortality and of major causes of death. In World Population Trends, Population and Development Interrelations and Population Policies: 1983 Monitoring Report, Volume I: Population Trends. New York: United Nations.
- [54] 1984 Chapter IX. Demographic characteristics and topics. In Handbook of Household Surveys (Revised Edition). New York: United Nations.
- [55] 1984 United Nations Secretariat. Mortality and health policy. *Journal of the United Nations Fund for Population Activities* 10(3):6-30, 1983. Reprinted in Mortality and Health Policy, pp. 37-79, 1984, and *Population Bulletin of the United Nations*, 16:40-61.

Research and Review Papers in Japanese [17 articles]:

- [56] 2010 S. Horiuchi. Major causes of the rapid longevity extension in postwar Japan. *Journal of Population Problems*. 66(3):40-49.
- [57] 2007 S. Horiuchi. Demography of aging and longevity: an intersection of social, biomedical, and mathematical sciences. In H. Inaba ed., *The Scope of Contemporary Demography*. Kyoto: Minerva Publishing, pp. 98-124.
- [58] 2003 Shiro Horiuchi. Life and works of Ansley J. Coale. *Journal of Population Studies*, 32:37-44.
- [59] 2002 S. Horiuchi. Emerging risks of mortality rise. In: *Encyclopedia on Populations*. Tokyo: Baifukan Publishing Co., pp. 148-152.
- [60] 2001 S. Horiuchi. Historical transitions of human mortality. *Journal of Population Problems* 57(4):1-30.
- [61] 1976 T. Izeki and S. Horiuchi. Quality of life and style of life. In: Shoji Murata et al., eds., *Studies on the Quality of Life*, Tokyo: Yuhikaku Publishing Co.
- [62] 1975 S. Horiuchi. Numerical classification of life style patterns. In: Japanese Association for Scientific Studies of Living Art, ed., *Scientific Studies of Living Art*, Tokyo: Domes Publishing Co.

- [63] 1975 S. Horiuchi. Quantitative methods of life style segmentation. In: Shoji Murata et al., eds., *Life Style Approach*, Tokyo: Diamond Publishing Co.
- [64] 1975 S. Murata, T. Izeki, K. Kajiwara, S. Horiuchi, K. Ikeo and Y. Mimura. Translation: Mack Hanan, *Life-styled Marketing*. Tokyo: Diamond Publishing Co.
- [65] 1975 S. Murata and S. Horiuchi. Effects of the 'quality of life' orientation on consumer behavior. *Bulletin of the Nikkei Advertisement Research Center* 46:1-8.
- [66] 1974 S. Horiuchi. Application of cluster analysis to life style characteristics. *Brain* (Tokyo) 14(12):22-29.
- [67] 1974 T. Izeki and S. Horiuchi. Advantages and disadvantages of life style segmentation. *Advertising* (Tokyo) 19(6):86-91, .
- [68] 1974 T. Izeki and S. Horiuchi. Effects of life style characteristics on grocery shopping behavior. *Advertising* (Tokyo) 19(5):.
- [69] 1974 T. Izeki and S. Horiuchi. Information seeking behavior and choice of magazines. *Advertising* (Tokyo) 19(4):72-76.
- [70] 1973 S. Horiuchi. An approach to multivariate analysis of categorical variables: some statistical methods for reducing the multidimensional attribute space. *Philosophy* 61:157-185. Tokyo: Mita Philosophical Society, Keio University.
- [71] 1972 S. Horiuchi. A quantitative approach to typology construction. *Studies in Sociology, Psychology and Education* 12:31-43. Tokyo: Division of Social Relations, Graduate School of Keio University.
- [72] 1972 T. Izeki and S. Horiuchi. A multivariate analysis of life style patterns. *Marketing and Advertising* (Tokyo) 17(1):50-57.

Book Reviews [3 reviews]:

- [73] 2003 James R. Carey. *Longevity: The Biology and Demography of Life Span*. Reviewed in: *Population and Development Review*, 29:521-522.
- [74] 1999 K.W. Wachter and C.E. Finch, eds. *Between Zeus and the Salmon: the Biodemography of Longevity*. Reviewed in: *Population Studies*, 53(1):111-113,.
- [75] 1989 K. Namboodiri and C. M. Suchindran. *Life Table Techniques and Their Applications*. Reviewed in: *Journal of the American Statistical Association* 84:344.

Manuscripts Submitted for Publication and Manuscripts under Revision for Publication:

S. Horiuchi. Major causes of the rapid longevity extension in postwar Japan. (English version).