

## 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) [37 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] 2011 Shiro Horiuchi. Major causes of the rapid longevity extension in postwar Japan. *Japan Journal of Population* 9:28-37. (Downloadable from: [http://www.ipss.go.jp/webj-ad/WebJournal.files/population/2011\\_Vol.9/Web%20Journal\\_Vol.9\\_06.pdf](http://www.ipss.go.jp/webj-ad/WebJournal.files/population/2011_Vol.9/Web%20Journal_Vol.9_06.pdf) )
- [5] 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.
- [6] 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.
- [7] 2008 S. Horiuchi, J.R. Wilmoth, and S. Pletcher. A decomposition method based on a model of continuous change. *Demography* 45(4):785-801.
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- [9] 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.
- [10] 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.)

- [11] 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.)
- [12] 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.
- [13] 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.
- [14] 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.
- [15] 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
- [16] 2000 Shiro Horiuchi. Greater lifetime expectations. *Nature* 405:744-745.
- [17] 1999 J.R. Wilmoth and S. Horiuchi. Rectangularization revisited: Variability of age at death within human populations. *Demography* 36(4):475-495.
- [18] 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.)
- [19] 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.
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- [22] 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.

- [23] 1995 V. Kandiah and S. Horiuchi. Recent trends and prospects in world population growth. *Population Bulletin of the United Nations* 39:133-146.
- [24] 1995 S. Horiuchi. The cohort approach to population growth: a retrospective decomposition of growth rates for Sweden. *Population Studies* 49:147-163.
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- [26] 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.
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- [30] 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.
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- [33] 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.)
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- [41] 1991 Part one. Age structure. Concise Report on the World Population Situation 1991: With a Special Emphasis on Age Structure. New York: United Nations.
- [42] 1991 The Sex and Age Distributions of Population, the 1990 Revision. New York: United Nations.
- [43] 1991 World Population Prospects, 1990. New York: United Nations.
- [44] 1989 Global Estimates and Projections of Population by Sex and Age, 1988. New York: United Nations.
- [45] 1989 Review of Recent National Demographic Target Setting. New York: United Nations.
- [46] 1989 World Population Prospects, 1988. New York: United Nations.
- [47] 1988 United Nations Secretariat. Global trends and prospects of aging population structures. In: Economic and Social Implications of Population Aging. New York: United Nations.
- [48] 1988 World Demographic Estimates and Projections, 1950-2025. New York: United Nations.
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- [51] 1986 World Population Prospects: Estimates and Projections as Assessed in 1984. New York: United Nations.
- [52] 1986 Chapter II. Demographic Profile. In: The Situation of Youth in the 1980s and Challenges for the Year 2000. New York: United Nations.
- [53] 1985 Socio-economic Differentials in Child Mortality in Developing Countries. New York: United Nations.
- [54] 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.
- [55] 1984 Chapter IX. Demographic characteristics and topics. In Handbook of Household Surveys (Revised Edition). New York: United Nations.
- [56] 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.

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- [57] 2010 S. Horiuchi. Demographic models of human longevity. *Science Journal KAGAKU*. 80(12): 1194.
- [58] 2010 S. Horiuchi. Major causes of the rapid longevity extension in postwar Japan. *Journal of Population Problems*. 66(3):40-49.
- [59] 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.
- [60] 2003 Shiro Horiuchi. Life and works of Ansley J. Coale. *Journal of Population Studies*, 32:37-44.
- [61] 2002 S. Horiuchi. Emerging risks of mortality rise. In: *Encyclopedia on Populations*. Tokyo: Baifukan Publishing Co., pp. 148-152.
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- [63] 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.

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- [74] 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]:

- [75] 2003 James R. Carey. Longevity: The Biology and Demography of Life Span. Reviewed in: *Population and Development Review*, 29:521-522.
- [76] 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,.

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