

## References

- Black, R.E., Cousens, S., Johnson, H.L, Lawn, J.E., Rudan, L., Bassani, D.G., Jha, P., Campbell, H., Walker, C.F., Cibulskis, R., Eisele, T., Liu, L., Mathers, C. and the Child Health Epidemiology Reference Group of WHO and UNICEF. 2010. Global, regional, and national causes of child mortality in 2008: a systematic analysis. *Lancet*. 375, 1969-1987.
- Bryce, J., Boschi-Pinto, C., Shibuya, K., Black, R.E. and WHO Child Health Epidemiology Reference Group. 2005. WHO estimates of the causes of death in children. *Lancet*. 365, 1147-1152.
- Booth, H., Maindonald, J. and Smith, L. 2002. Applying Lee-Carter under conditions of variable mortality decline. *Population Studies*. 56, 325-336.
- de Mateo, S. and Regidor, E. 1996. Standardisation or modeling of mortality rates. *Journal of Epidemiology and Community Health*. 50, 681-682.
- Faraway, J.J. 2005. Linear Models with R. A CRC Press Company, New York.
- Hill, K., Vapattanawong, P., Prasartkul, P., Porapakham, Y., Lim, S.S. and Lopez, A.D. 2007. Epidemiologic transition interrupted: a reassessment of mortality trends in Thailand, 1980-2000. *International Journal of Epidemiology*. 36, 374-384.
- Kijsanayotin, B. 2011. Using health care service administrative data to improve national vital statistics: Thailand. United Nations Expert Group Meeting on International Standards for Civil Registration and Vital Statistics Systems; 27-30 June 2011, New York.

- Kindig, D.A., Seplaki, C.L. and Libby, D.L. 2002. Death rate variation in US subpopulations. *Bulletin of the World Health Organization*. 80(1), 9-15.
- Lee, R.D. and Carter, L.R. 1992. Modeling and Forecasting U.S. Mortality. *Journal of the American Statistical Association*. 87(1), 659-670.
- Liu, L., Johnson, H.L., Cousens, S., Perin, J., Scott, S., Lawn, J.E., Rudan, I., Campbell, H., Cibulskis, R., Li, M., Mathers, C., Black, R.E. and the Child Health Epidemiology Reference Group of WHO and UNICEF. 2012. Global, regional, and national causes of child mortality: an updated systematic analysis for 2010 with time trends since 2000. *Lancet*. 379, 2151-2161.
- Lozano, R., Wang, H., Foreman, K., Rajaratnam, J.K., Naghavi, M., Marcus, J.R., Dwyer-Lindgren, L., Lofgren, K.T., Phillips, D., Atkinson, C., Lopez, A.D. and Murray, C.L. 2011. Progress toward Millennium Development Goal 4 and 5 on maternal and child mortality: an updated systematic analysis. *Lancet*. 378, 1139-1165.
- Mathers, C.D., Fat, D.M., Inoue, M., Rao, C. and Lopez, A.D. 2005. Counting the dead and what they died from: an assessment of the global status of cause of death data. *Bulletin of the World Health Organization*. 83(3), 171-177.
- Ministry of Public Health of Thailand. 2012. Public Health Statistics.  
<http://bps.ops.moph.go.th/Healthinformation/statistic54/statistic54.html>.  
[January 3, 2013].
- Morris, S.S., Black, R.E. and Tomaskovic, L. 2003. Predicting the distribution of under-five deaths by cause in countries without adequate vital registration systems. *International Journal of Epidemiology*. 32, 1041-1051.

- Murray, C.J.L., Laakso, T., Shibuya, K., Hill, K. and Lopez, A.D. 2007. Can we achieve Millennium Development Goal 4? New analysis of country trends and forecasts of under-5 mortality to 2015. *Lancet*. 370, 1040-1054.
- Nojomi, M., Naserbakhat, M., Ramezany, M. and Anbary, K. 2009. Under-5 Year Mortality: Result of In-Hospital Study, Tehran, Iran. *Acta Medica Iranica*. 47(4), 319-324.
- Noree, T., Chokchaichan, H. and Mongkolporn, V. 2005. Thailand's Country paper-abundant for the few, shortage for the majority: the inequitable distribution of doctors in Thailand. Nonthaburi, Thailand: International Health Policy Program & Asia Pacific Action Alliance on Human Resources for Health (AAAH).
- Odton, P., Choonpradub, C. and Bundhamcharoen, K. 2010. Geographical variations in all-cause mortality in Thailand. *Southeast Asian J Trop Med Public Health*. 41(5), 1209-1219.
- Pattaraarchachai, J., Rao, C., Polprasert, W., Porapakham, Y., Pao-in, W., Singwerathum, N. and Lopez, A.D. 2010. Cause-specific mortality patterns among hospital deaths in Thailand: validating routine death certification. *Population Health Metrics*. 8:12.
- Prasartkul, P. and Vapattanawong, P. 2006. The Completeness of Death Registration in Thailand: Evidence from Demographic Surveillance Survey System of the Kanchanaburi Project. *World Health & Population*. 1-9.
- Polprasert, W. and Porapakham, Y. 2005. Estimate cause of death in Thailand 2005. *Population Health Metrics*, 1(1), 21:35.

- Polprasert, W., Rao, C., Adair, T., Pattaraarchachai, J., Porapakkham, Y. and Lopez, A.D. 2010. Cause-of-death ascertainment for deaths that occur outside hospitals in Thailand: application of verbal autopsy methods. *Population Health Metrics*. 8:13.
- Porapakkham, Y., Rao, C., Pattaraarchachai, J., Polprasert, W., Vos, T., Adair, T. and Lopez, A.D. 2010. Estimated causes of death in Thailand, 2005: implications for health policy. *Population Health Metrics*. 8:14.
- R Development Core Team. 2012. R: A language and environment for statistical computing. Vienna: R Foundation for Statistical Computing. <http://www.R-project.org>. [January 25, 2013].
- Rao, C., Porapakkham, Y., Pattaraarchachai, J., Polprasert, W., Swampunyaalert, N. and Lopez, A.D. 2010. Verifying causes of death in Thailand: rationale and methods for empirical investigation. *Population Health Metrics*. 8:11.
- Rudan, I., Chan, K.Y., Zhang, J.S.F., Theodoratou, E., Feng, X.L., Salomon, J.A., Lawn, J., Cousens, S., Black, R., Guot, Y., Campbell, H. and WHO/UNICEF's Child Health Epidemiology Reference Group (CHERG). 2010. Causes of deaths in Children younger than 5 years in China in 2008. *Lancet*. 375, 1083-1089.
- Rukumnuaykit, P. 2006. Mortality and causes of death in Thailand: evidence from the survey of population change. *Asia-Pacific Population journal*. 21, 67-84.
- Sawyer, C.C. 2012. Child mortality estimation: estimating sex differences in childhood mortality since the 1970s. *PLOS Medicine*. 9(8), 1-18.

Supakankunti, S. 2000. Future prospects of voluntary health insurance in Thailand.

*Health Policy Plan.* 15, 85-94.

Tongkumchum, P. and McNeil, D. 2009. Confidence intervals using contrasts for regression model. *Songklanakarinn Journal of Science and Technology.* 31, 151-156.

Tangcharoensathien, V., Faramnusyphol, P., Teokul, W., Bundhamcharoen, K. and Wibulpholprasert, S. 2006. A critical assessment of mortality statistics in Thailand: potential for improvements. *Bulletin of the World Health Organization.* 84(3), 233-238.

Tangcharoensathien, V., Harncoravongchai, P., Pitayarangsarit, S. and Kasemsup, V. 2000. Health impacts of rapid economic changes in Thailand. *Soc Sci Med.* 51, 789-807.

Tuljapurkar, S., Li, N. and Boe, C. 2000. A universal pattern of mortality decline in the G7 countries. *Nature.* 405, 789-792.

Udomkitti, S. 2011. High Risk factors of pregnant women related to perinatal death in Phra Nakhon Si Ayutthaya Hospital. *Journal of Preventive Medicine Association of Thailand.* 1(1), 98-108.

UNICEF. 2010. Levels & Trends in Child Mortality. The state of world's children 2010. New York, UNICEF.

UNICEF. 2011. Levels & Trends in Child Mortality. The state of world's children 2011. New York, UNICEF.

UNICEF. 2012. Levels & Trends in Child Mortality. The state of world's children 2012. New York, UNICEF.

Vapattanawong, P. 2009. Provincial Disparities of Under-five Mortality in Thailand. *Journal of Health Science*. 18, 816-825.

Vapattanawong, P., Hogon, M.C., Hanvaravongchai, P., Gakidou, E., Lopez, A.D. and Lim, S.S. 2007. Reduction in child mortality levels and in equalities in Thailand: analysis of two censuses. *Lancet*. 369, 850-855.

Venables, W.N. and Ripley, B.D. 2002. Modern applied statistics with S. 4<sup>th</sup> ed. Springer-Verlag, New York, U.S.A.

Wang, Y.P., Miao, L., Dai, L., Zhou, G.X., He, C.H., Li, X.H., Li, Q., Li, M.R., Zhu, J. and Liang, J. 2011. Mortality rate for children under 5 years of age in China from 1996 to 2006. *Public Health*. 25, 301-307.

WHO. 2006. Neonatal and Perinatal Mortality Country, Regional and Global Estimates. Geneva, World Health Organization.