

# How Long Do We Live?

[DOWNLOAD HERE](#)

1;Foreword;6 2;Contents;9 3;How long do we live? Demographic models and reflections on tempo effects: An introduction;14 3.1;1 Background;14 3.2;2 Overview of the monograph;16 3.3;References;21 4;I. Theoretical basis for the mortality tempo effect;22 4.1;Estimating mean lifetime;23 4.1.1;1 Methods;24 4.1.2;2 Results;27 4.1.3;3 Conclusion;35 4.1.4;Acknowledgements;36 4.1.5;References;36 4.1.6;Appendix A;37 4.1.7;Appendix B;38 4.2;The quantum and tempo of life-cycle events;40 4.2.1;1 Introduction;40 4.2.2;2 Background: age-specific event rates;41 4.2.3;3 Period quantum and tempo measures of the 2nd kind;43 4.2.4;4 Period quantum and tempo measures of the 1st kind;57 4.2.5;5 Conclusion;67 4.2.6;References;69 4.2.7;Appendix A: Relationship between the completed fertility rate and the weighted average of tempo-adjusted period total fertility rates;73 4.2.8;Appendix B: Comparison of measures of the 1st and 2nd kind;74 5;II. Critiques, extensions and applications of the mortality tempo effect;77 5.1;Demographic translation and tempo effects: An accelerated failure time perspective;78 5.1.1;1 Introduction;78 5.1.2;2 Fertility;80 5.1.3;3 Mortality;88 5.1.4;4 Discussion;98 5.1.5;Acknowledgments;100 5.1.6;References;100 5.2;Lifesaving, lifetimes and lifetables;102 5.2.1;1 Introduction;102 5.2.2;2 How saving a life alters life expectancy;104 5.2.3;3 Individual lifetimes;106 5.2.4;4 The triangle of turbulence;108 5.2.5;5 How large is the distortion?;109 5.2.6;6 Considerations about true life expectancy;110 5.2.7;7 A model of stretched lifetimes;112 5.2.8;8 Quantum and tempo vs. proportions and increments;112 5.2.9;9 Directions for research;113 5.2.10;Acknowledgements;115 5.2.11;References;116 5.3;Tempo and its tribulations;117 5.3.1;1 Tempo;117 5.3.2;2 Measures;119 5.3.3;3 Representation of M;121 5.3.4;4 The moving average;124 5.3.5;5 Period counts of deaths;127 5.3.6;6 Current latent conditions;128 5.3.7;7 Total fertility;131 5.3.8;References;135 5.4;Tempo effects in mortality: An appraisal;137 5.4.1;1 Introduction;137 5.4.2;2 The existence of tempo effects in mortality;139 5.4.3;3 Bongaarts and Feeney's tempo-adjusted life expectancy;142 5.4.4;4 Evaluating Bongaarts and Feeney's proportionality assumption;143 5.4.5;5 Bongaarts and Feeney's definition of changes in period mortality conditions;147 5.4.6;6 Assessing indicators of period mortality conditions;152 5.4.7;7 Conclusion;157 5.4.8;Acknowledgments;158 5.4.9;References;158 5.5;Increments to life and mortality

tempo;161 5.5.1;1 Time-discrete increments to life;161 5.5.2;2 Empirical results: Swedish females, 1751-2002;162 5.5.3;3 Time-continuous cohort-indexed increments to life;163 5.5.4;4 Time-continuous period-indexed increments to life;166 5.5.5;5 Relation between cohort and period increments to life;167 5.5.6;6 Robustness of the Bongaarts-Feeney tempo adjustment formula;170 5.5.7;7 Increments to life and mortality tempo: mixed models;171 5.5.8;8 Conclusion;172 5.5.9;Acknowledgements;173 5.5.10;References;173 5.6;Mortality tempo versus removal of causes of mortality: Opposite views leading to different estimations of life expectancy;174 5.6.1;1 Introduction;174 5.6.2;2 Decreasing mortality as a sign of delay in deaths;175 5.6.3;3 Decreasing mortality as a change in the causes of death;177 5.6.4;4 Removing one cause of death: deeper insights;178 5.6.5;5 A numerical example of the two methods;179 5.6.6;6 Which life table is the reference table?;181 5.6.7;7 Unifying the two views: the repartition function of the delays by age and duration;183 5.6.8;8 Which is the best model? A discussion of the two methods;185 5.6.9;References;189 5.6.10;Appendix A: Deaths and survivors of age x in t after the removal of a mortality cause in t = 0;189 5.6.11;Appendix B: Demonstrating the strong properties of the two methods;191 5.6.12;Appendix C: Fixed and variable delays;194 5.7;Tempo effect on age-specific death rate EAN/ISBN : 9783540785200 Publisher(s): Springer, Berlin Format: ePub/PDF Author(s): Barbi, Elisabetta - Vaupel, James W. - Bongaarts, John

[DOWNLOAD HERE](#)

Similar manuals:

[How Long Do We Live?](#)