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5.5 The Public Health Notion of Compression of Morbidity 5.6 A Picture of Aging for the Twenty-First Century; APPENDIX A: PROOFS OF RESULTS IN SECTION 2.1.2 WITH SOME EXTENSIONS; APPENDIX B: DERIVATION OF HAMILTON'S EQUATION FOR THE FORCE OF NATURAL SELECTION ON MORTALITY; APPENDIX C: SOME PROPERTIES OF THE GOMPERTZ AND WEIBULL DISTRIBUTIONS; APPENDIX D: FIRST AND SECOND PARTIAL DERIVATIVES OF THE MIXTURE LOG-LIKELIHOOD FUNCTION; APPENDIX E: EXPECTATION-CONDITIONAL MAXIMIZATION (ECM) ALGORITHM; APPENDIX F: R PROGRAM; REFERENCES; AUTHOR INDEX; SUBJECT INDEX

Sommario/riassunto

A practical and clarifying approach to aging and aging-related diseases
Providing a thorough and extensive theoretical framework, The Biostatistics of Aging: From Gompertzian Mortality to an Index of Aging-Relatedness addresses the surprisingly subtle notion-with consequential biomedical and public health relevance-of what it means for a condition to be related to aging. In this pursuit, the book presents a new quantitative method to examine the relative contributions of genetic and environmental factors to mortality and disease incidence in a population. With input fr
