Preface

This dissertation has been written at the Max Planck Institute for Demographic Research. During this time I highly benefited from my colleagues, especially from James W. Vaupel and Gabriele Doblhammer. Gabriele Doblhammer initiated my interest in the seasonal pattern of mortality. I would like to thank her for the advice and support she provided over the past few years while supervising the progress of my dissertation. I am equally grateful to James W. Vaupel. Besides monitoring my work, he created an excellent working atmosphere as head of the "Survival & Longevity-Lab" at the Max Planck Institute for Demographic Research, where helpful colleagues are the rule, and not the exception. Among these many colleagues, I would like to express particular gratitude to Jutta Gampe for her help with many of my statistical questions.

Associated with the Max Planck Institute for Demographic Research is the International Max Planck Research School for Demography giving training for doctoral students. The dissertation benefited from courses given by James W. Vaupel, Gabriele Doblhammer, Jan M. Hoem, Francesco C. Billari, Heiner Maier and Antonio Golini.

Apart from the support provided by people from the Max Planck Institute and its Research School, I would like to thank Gavin Donaldson, Paul Eilers, William R. Keatinge, Marc Luy, and Jim Oeppen.

Considerable parts of this dissertation are based on work conducted at Statistics Denmark in Copenhagen. Otto Andersen, Jørn Korsbø Petersen, Morten Lindboe and Jørgen Leif Jensen gave me valuable advice on technical details to analyze the Danish data.

This monograph benefited greatly from Yvonne Sandor's meticulous language editing.

Rostock, July 2006 Roland Rau