1. Record Nr. UNINA9910817261203321

Titolo	Paleodemography : age distribution from skeletal samples / / edited by Robert D. Hoppa, James W. Vaupel [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2002
ISBN	1-107-13024-7 1-280-43028-1 1-139-14699-8 0-511-17048-3 0-511-06326-1 0-511-05693-1 0-511-29755-6 0-511-54242-9 0-511-07172-8
Descrizione fisica	1 online resource (xiii, 259 pages) : digital, PDF file(s)
Collana	Cambridge studies in biological and evolutionary anthropology ; ; 31
Disciplina	599.9/47
Soggetti	Human skeleton - Analysis Human remains (Archaeology) Demographic anthropology Paleoanthropology Demographic archaeology Population Age distribution (Demography)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The Rostock manifesto for paleodemography: the way from stage to age / Robert D. Hoppa and James W. Vaupel -- Paleodemography: looking back and thinking ahead / Robert D. Hoppa -- Reference samples: the first step in linking biology and age in the human skeleton / Bethany M. Usher -- Aging through the ages: historical perspectives on age indicator methods / Ariane Kemkes-Grottenthaler -- Transition analysis: a new method for estimating age from skeletons / Jesper L. Boldsen [and others] -- Age estimation by tooth cementum annulation:

perspectives of a new validation study / Ursula Wittwer-Backofen and Helene Buba -- Mortality models for paleodemography / James W. Wood [and others] -- Linking age-at-death distributions and ancient population dynamics: a case study / Richard R. Paine and Jesper L. Boldsen.
A solution to the problem of obtaining a mortality schedule for paleodemographic data / Bradley Love and Hans-Georg Muller -- Estimating age-at-death distributions from skeletal samples: a multivariate latent-trait approach / Darryl J. Holman, James W. Wood, and Kathleen A. O'Connor -- Markov chain Monte Carlo estimation of hazard model parameters in paleodemography / Lyle W. Konigsberg and Nicholas P. Herrmann -- A re-examination of the age-at-death distribution of Indian Knoll / Nicholas P. Herrmann and Lyle W. Konigsberg.

Sommario/riassunto

Paleodemography is the field of enquiry that attempts to identify demographic parameters from past populations (usually skeletal samples) derived from archaeological contexts, and then to make interpretations regarding the health and well-being of those populations. However, paleodemographic theory relies on several assumptions that cannot easily be validated by the researcher, and if incorrect, can lead to large errors or biases. In this book, physical anthropologists, mathematical demographers and statisticians tackle these methodological issues for reconstructing demographic structure for skeletal samples. Topics discussed include how skeletal morphology is linked to chronological age, assessment of age from the skeleton, demographic models of mortality and their interpretation, and biostatistical approaches to age structure estimation from archaeological samples. This work will be of immense importance to anyone interested in paleodemography, including biological and physical anthropologists, demographers, geographers, evolutionary biologists and statisticians.