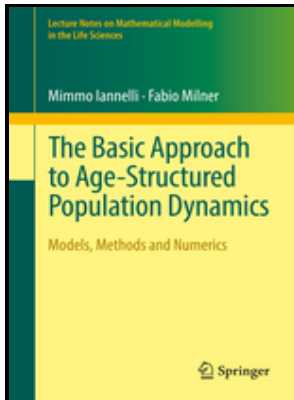


Evolution in age-structured populations

Cambridge University Press - Evolution of stochastic demography with life history tradeoffs in density



Description: -

-
Mongolian language -- Texts
Fiction -- 20th century -- History and criticism.
Evolution (Biology) -- Mathematical models.
Population genetics -- Mathematical models.
Age-structured populations -- Mathematical models. Evolution in age-structured populations
-
Kunst und Kommunikation -- Bd. 4.
13
Cambridge studies in mathematical biology ; Evolution in age-structured populations
Notes: Includes bibliographical references (p. [273]-291) and indexes.

This edition was published in 1994



Filesize: 12.98 MB

Tags: #Charlesworth, #B. # (1994) #Evolution #in #Age

Natural selection on multivariate traits in age

But for someone who has access to the journals and the primary literature, this was an OK summary. Solid lines calculated from diffusion approximation Appendix. One of the most interesting results was the evolution of sex chromosomes.

Evolution In Age Structured Populations by Brian Charlesworth

Well OK obviously I didn't read the whole thing. A straightforward prediction of our model is that stronger senescence forces the evolution of higher virulence. The treatment is extended to density-dependent populations, and to equilibrium populations under frequency-dependent selection.

Evolution in age

Individuals in the populations are represented by their diploid genomes. Placing the male sex determinants on one chromosome of a pair of sex chromosomes is enough to condemn it for shrinking if the population is panmictic random-mating is assumed. I wish Charlesworth would have gone beyond the single-locus models that dominate the book, tho.

Evolution In Age Structured Populations by Brian Charlesworth

Although mortality increases with age in most organisms, senescence is missing from models of parasite evolution. The improvement of the medical care and healthier life styles are responsible for the increasing of the life expectancy of humans during the last century.

CiteSeerX — EVOLUTION OF THE AGE STRUCTURED POPULATIONS AND DEMOGRAPHY

A model of natural selection on a set of correlated quantitative traits with age structure is derived here, using an extension of previous work on selection at a single locus. It is shown that the conditions for equilibrium are valid even if selection is strong. I wish Charlesworth would have gone beyond the single-locus models that dominate the book, tho.

Evolution In Age Structured Populations by Brian Charlesworth

Objectives: To evaluate health indices of those in the retirement aged cohort and working aged cohort; to determine rates of comorbidity for those in the retirement aged and the working aged cohorts; to compute the prevalence rate of specific chronic non-communicable diseases and to calculate death rates for those in retirement aged and the working aged cohorts.

Evolution in age

It gave some good ideas.

Evolution in age

It gave some good ideas. Methods: Jamaica Survey of Living Conditions JSLC is a national cross-sectional probability survey that is conducted yearly by two governmental agencies in Jamaica. Findings: In 2007, the prevalence rate of deaths that occur due to CNCDs is 50.

Related Books

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