

Figure 1. Cross-sectional data on the life history of rural Gambians, based on data collected by Sir Ian McGregor from Keneba and Manduar villages between 1950 and 1975. (a) Average annual weight gain as a proportion of total weight, between birth and 25 years of age for males and females. (b) Annual mortality hazard for males and females over the life span. (c) Age-specific fertility (number of live births per year) for males and females over the life span (3-year running means).

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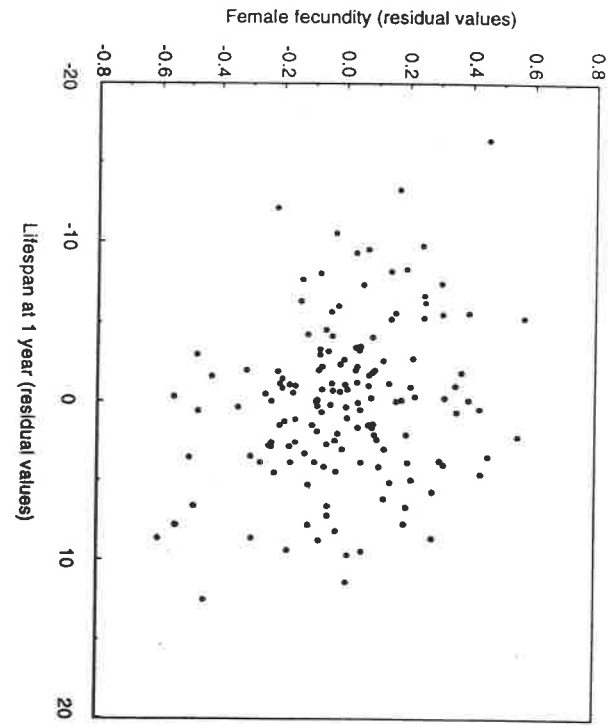


Fig. 1 Relationship between female fecundity ( $SD = \pm 0.21$ ) and its corresponding life span ( $SD = \pm 4.32$ ) at 1 year across a set of 153 countries ( $r = -0.27$ ,  $P = 0.0012$ ). Corresponding residual values were extracted from models as illustrated on Tables 1 and 2.

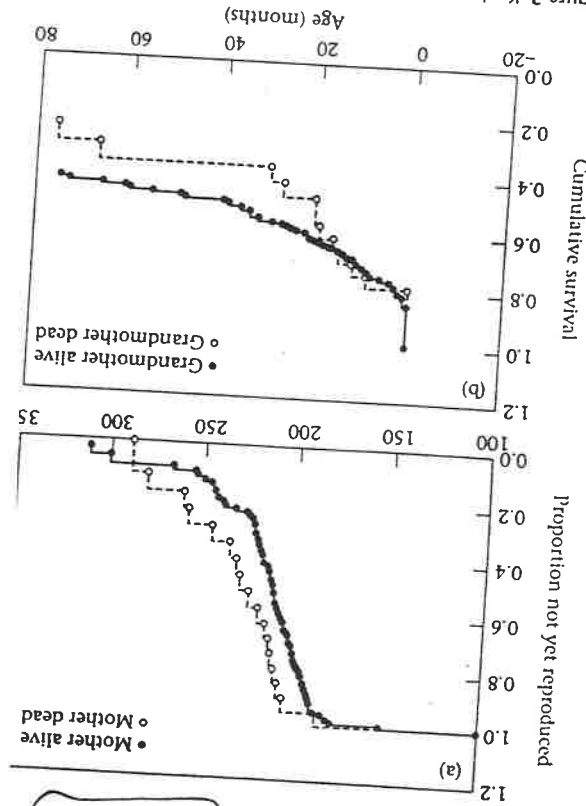


Figure 2. Kaplan-Meier plots of the first births to women of known age, from the villages of Keneba and Manduar, The Gambia between 1968 and 1975. (a) Proportion of women not yet reproduced as a function of age in months, according to whether their mothers were alive or dead at the time of that birth, or in 1975 if no mothers were alive or dead at the time of their birth. (b) Survival of first-borns, as a function of age in months, according to whether their maternal grandmothers were alive at the time of their birth.

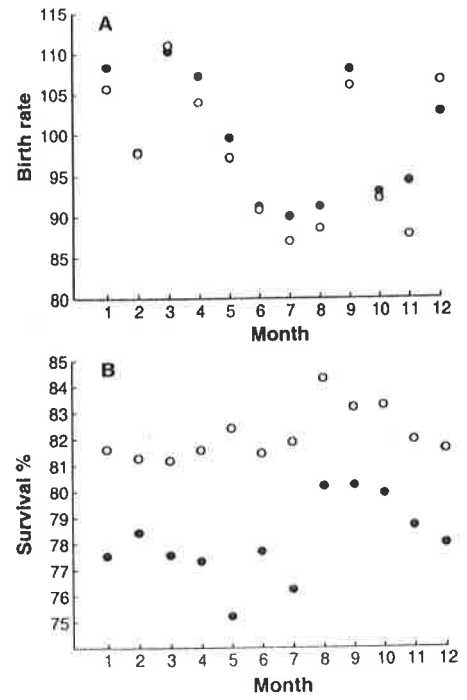
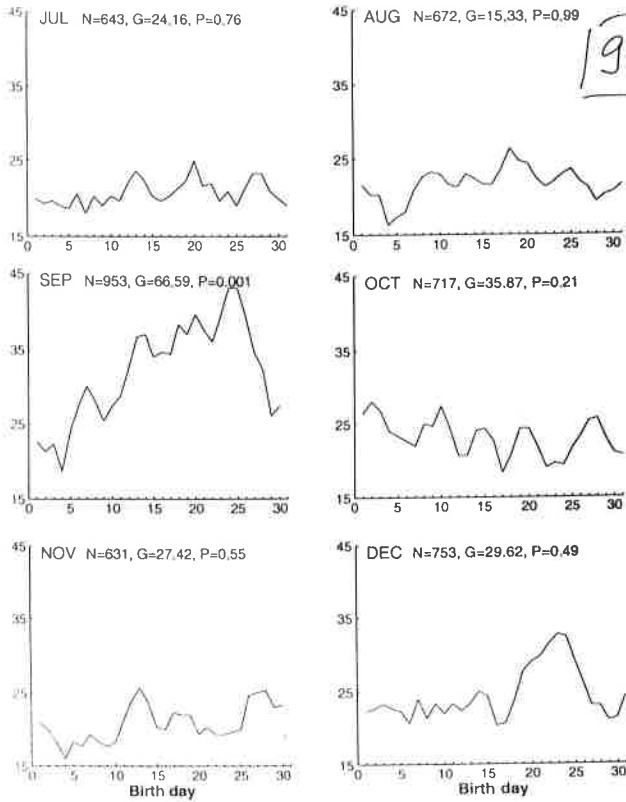
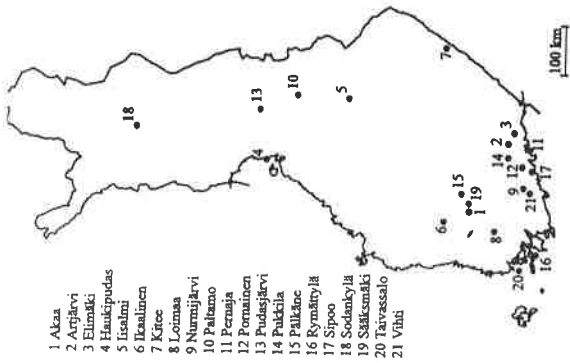


Figure 1 (A) Seasonal birth distribution of males (solid circles) and females (empty circles) and (B) their survival to the age of one year.



- 1 Akka
- 2 Aija
- 3 Eijä
- 4 Elmä
- 5 Ilmari
- 6 Kaarlo
- 7 Kalle
- 8 Leena
- 9 Nurmijärvi
- 10 Paimio
- 11 Pernaja
- 12 Pori
- 13 Pudasjärvi
- 14 Pulkila
- 15 Pulkila
- 16 Rymättylä
- 17 Siipoo
- 18 Sodankylä
- 19 Sääksmäki
- 20 Tavassalo
- 21 Vihti

Figure 1 Location of the 21 study parishes in Finland. For the sake of simplicity, the approximate centre, rather than the actual borders, of each parish have been depicted.

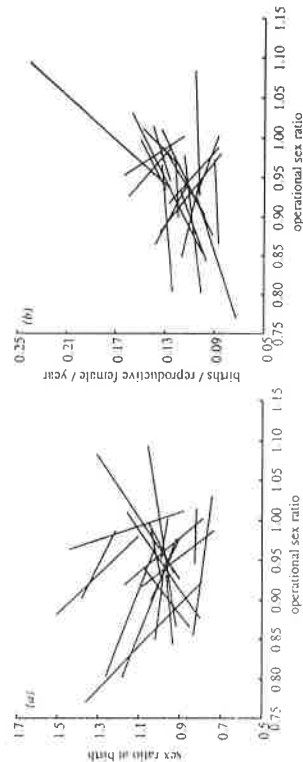


Figure 2 The relationships between (a) operational sex ratio and sex ratio at birth, and (b) operational sex ratio and birth rate in 21 local human populations in Finland (1775-1850). Lines represent regression lines for different parishes.

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