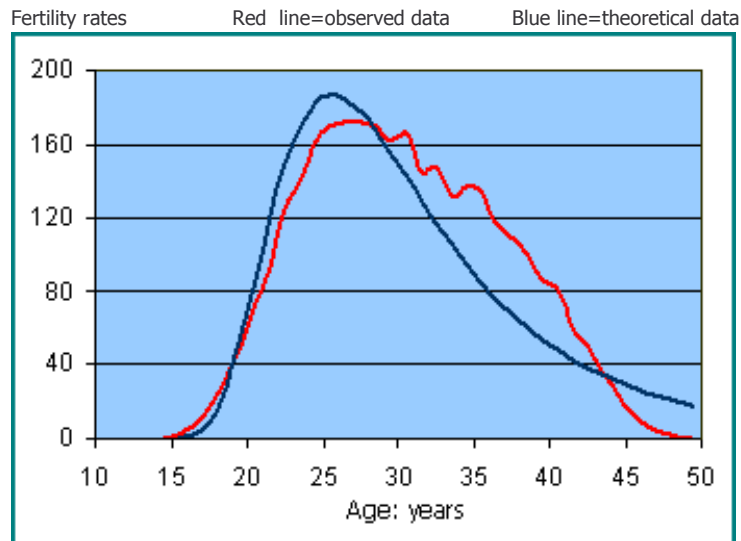


FERTILITY FUNCTIONS

(Source:Petrioli Luciano,"*PRODEMOG 3.0-Demographic software for Windows*", EMMECI-SIENA-ITALY,(2000).

F R E C H E T



Age-specific fertility rates: Italy, year 1935

The density function for Frechet is:

$$f(X) = C \cdot A \cdot B \cdot X^{-(B+1)} \cdot e^{-AX^{-B}} \quad [1]$$

while the distribution function is:

$$F(X) = C \cdot e^{-Ax^{-B}} \quad [2]$$