Coefficient of Inbreeding

English: *Coefficient of inbreeding*
Czech: *koeficient inbreedingu*

Coefficient of inbreeding refers to the probability that an individual inherited both alleles of a particular locus / gene from a single ancestor. The coefficient is calculated as follows
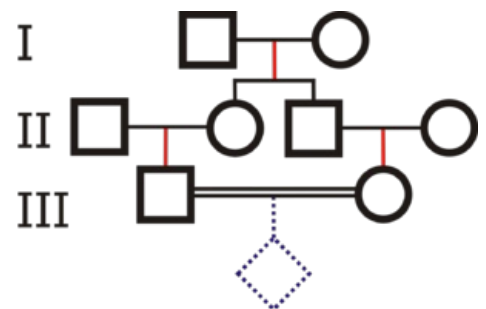
$$F = \left(\frac{1}{2}\right)^{n+1}$$

where n represents the number of steps in genealogy.

Links

Related articles

- Coefficient of Relatedness

$$F = \left(\frac{1}{2}\right)^{3+1} = 1/16$$

Calculation of the Coefficient of inbreeding