The model-free population equation

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Abstract

In this paper, I describe the model-free population equation.
The paper ends with "The End"

Introduction

Primitive economies without structured models of population can still be characterized by **the model-free population equation**.
In this paper, I describe the model-free population equation.

The model-free population equation

The model-free population equation is

$$P(t+1) = P(t)(1 + p_b(t) - p_c(t) - p_d(t))$$

where
$P(t)$ is the population at time t
$p_b(t)$ is the **birth premium**
$p_c(t)$ is the **cannibalism premium**
$p_d(t)$ is the **death premium**

Cannibalism

Cannibalism is the consumption of an individual by another individual from the same population.

Cannibalism is a **psychopathic disorder** in an economy, usually brought about by extreme conditions in the economy, including low, zero or negative economic growth, scarcity of food, famine, drought, mass imprisonment, widespread death, genocide and war.

The End