The generalized rate equation of the T2 world and a solution

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Abstract

In this paper, I describe the generalized rate equation of the T2 world and a solution.
The paper ends with "The End"

Introduction

In a previous paper, I have described the T2 graph and its implication that
there can exist a true world with exactly 2 nations.
In this paper, I describe the generalized rate equation of the T2 world and a solution.

The generalized rate equation of the T2 world

Since there are exactly 2 nations in the T2 world and for each nation,
the remaining world is an extrema, the generalized rate equation of the T2 world must satisfy

$$\frac{\partial r(t)}{\partial t} = \frac{e^{\frac{\alpha-t}{\beta}} - e^{\frac{\alpha-t}{\beta}}}{\beta}$$

where
α is the location parameter
and
β is the scale parameter
of the extreme value distribution.

A solution to the generalized rate equation of the T2 world

A solution to the generalized rate equation of the T2 world is

$$r(t) = c_0 + e^{-e^{\frac{\alpha-t}{\beta}}}$$

where
c_0 is a coefficient of integration

The End