

Reliability Modeling of Political Processes

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Reliability offers some suitable tools for modeling political processes in a country's life. It is well known that a party, or coalition can not govern a country without the support of more than 50 % of the population, or the members of the National Assembly. However, the dynamics in political life is very similar to the " k -out-of- n " reliability systems for a political party. In the same time, a coalition is consisted by several parties (systems of similar type), and in order to govern must sustain more than 50 % of the governing entity .

We explore these ideas to create a reliability model for a political unit from different points of view: Existence (duration of life, or lifetime), governing survivability, life time distribution, longevity, resistance.

There are known various game models of political systems. We take the challenge to propose some reliability models,. We expect that this community of scientists will continue working on more adequate use of reliability modeling, and in the study of relevant important features of these models and their properties.