

Economic Modeling

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Abstract

The objective of this project is to examine the effects the varying effects of control over a modeled society has on the overall output and distribution of resources. The language in which the model will be made is Netlogo.

Background

Laissez-faire economic theory states that an economy can grow best when not bounded by government. Contemporary supply side economists also share this theory. The validity of this assertion has never been concretely proven, but examining the effects in a controlled environment might provide some insight into this.

Hypothesis

In a “fairer” society, the reduction of the wealth gap will provide an overall less rich society, compared to one with no restrictions.

Procedure

The modeled society is simplistic when compared to the real world, and only simulates logical behavior, which is not the case in the real world. In the simulation, agents with a food searching and breeding algorithm interact with an environment providing random squares which sustain the agents.

Actual Results

Forthcoming

Conclusion

Forthcoming

