

## Bibliography

- Aristotle. *Ethics*. Translated by Bishop Welldon. MacMillan
- Aristotle. *Politics*. Translated by Jowett. Oxford
- Bell, David V.J. *Resistance and Revolution*. Boston: Houghton Mifflin Company, 1973.
- Durant, Will. *The Story of Philosophy*. New York: Simon and Schuster, 1933.
- Forrester, Jay W. *Industrial Dynamics*. Cambridge: MIT Press, 1961
- Graham, Hugh D. and Ted R. Gurr (eds.). *The History of Violence in America*. New York: Bantam, 1969.
- Gurr, Ted. "A Comparative Study of Civil Strife," in Hugh D. Graham and Ted R. Gurr (eds.), *The History of Violence in America*. New York: Bantam, 1969
- Gurr, Ted. *Why Men Rebel*. Princeton, New Jersey: Princeton University Press, 1970.
- Machiavelli, Niccolo. *The Discourses*. New York: Penguin Books, 1985.
- Machiavelli, Niccolo. *The Prince*. New York: Penguin Books, 1985.
- Plato. *The Republic*. Translated by Jowett. Oxford
- Richardson, George P. & Pugh III, Alexander L. *Introduction to System Dynamics Modeling with DYNAMO*. Cambridge:MIT Press, 1981
- Richmond, Barry et al. *STELLA™ for Business*. Lyme, New Hampshire: High Performance Systems, Inc., 1987
- Weber, Max. "The Social Psychology of World Religions," in Hans Gerth and C. Wright Mills (eds.), *From Max Weber*. New York: Oxford University Press, 1958.

## **Appendix A: Graphic Output from Scenarios**

### **List of Scenarios**

<b>A.0 Equilibrium Demonstration</b>	<b>Graph</b>
A.0.1 Base Run for Standard Values	70-75
A.0.1 Base Run for Strong Executive	76-80
<b>A.1 Attempts to Affect State Affairs Through Executive Action</b>	
A.1.1 Executive Economic Policy Shock Resulting in Full Scale Revolt	1-5
A.1.2 Slow Economic Subversion by Executive	6-10
A.1.3 Gradual Sequential Executive Policy of Economic and Political Deprivation	11-15
A.1.4 Executive Sequential Policy of Economic and Political Deprivation (Less Severe)	16-20
<b>A.2 Effects of Exogenous Economic Fluctuation</b>	
A.2.1 Production Shock	21-25
A.2.2 Production Shock with Stronger Executive Presence	26-30
A.2.3 Production Shock with Counter-Cyclical Policies	31-35
<b>A.3 Analyses of Executive Policy Effects for Extremely Competent Executive</b>	
A.3.1 Economic Policy Shock with Stronger Executive	36-40
A.3.2 Economic Ramp Policy with Strong Executive	41-45
A.3.3 Sequential Economic and Political Deprivation with Strong Executive	46-50
<b>A.4 Corruption and Reform</b>	
A.4.1 Radical Political and Economic Reform	51-55
A.4.2 Conservative Political and Economic Reform	56-60
A.4.3 Radical Political and Economic Reform Leading to Instability	61-65
A.4.4 Coordinated Institutional Attempt at Political and Economic Reform	65-70

## Variables Plotted

The following variables are replicated for every scenario tested. Each set of five graphs presents plots of twenty different variables. Below are the variables plotted in the first five graphs. Each set of graphs that follows is identically organized.

### Graph 1: Political Norms

- |                  |                              |
|------------------|------------------------------|
| 1. Aris_Des_Free | Aristocratic Desired Freedom |
| 2. Pol_Freedom   | Political Freedom            |
| 3. Pol_Law       | Political Law                |
| 4. Pop_Des_Free  | Popular Desired Freedom      |

### Graph 2: Legislative Balance

- |                  |                                    |
|------------------|------------------------------------|
| 1. Aris_Leg_Infl | Aristocratic Legislative Influence |
| 2. Exe_Leg_Infl  | Executive Legislative Influence    |
| 3. Pop_Leg_Infl  | Popular Legislative Influence      |
| 4. Exec_Power    | Executive Power                    |

### Graph 3: Economic Norms

- |                    |                                    |
|--------------------|------------------------------------|
| 1. Economic_Law    | Economic Law                       |
| 2. Eco_Welfare     | Economic Welfare                   |
| 3. Pop_Des_Eco_Wel | Popular Desired Economic Welfare   |
| 4. Exe_Des_Eco_Wel | Executive Desired Economic Welfare |

### Graph 4: Economic Distribution

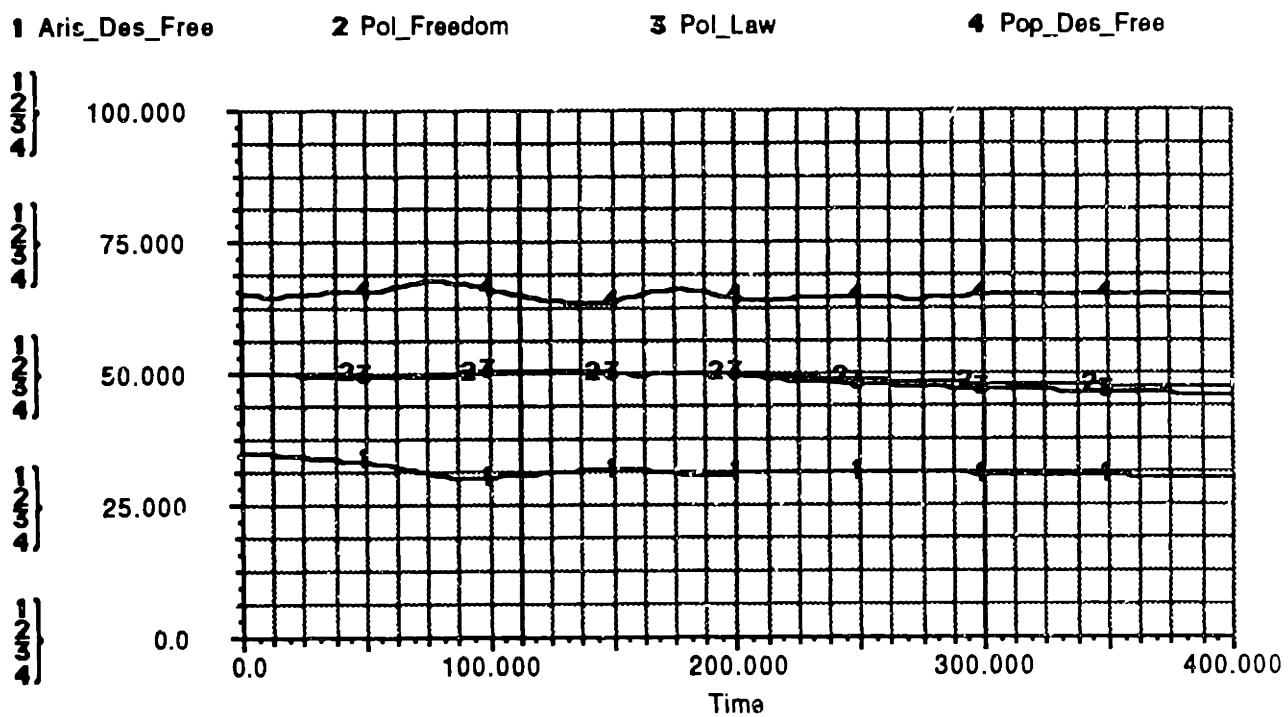
- |               |                                |
|---------------|--------------------------------|
| 1. OF_Aris    | Output Fraction to Aristocrats |
| 2. OF_Exec    | Output Fraction to Executive   |
| 3. OF_Pop     | Output Fraction to Populace    |
| 4. Production | Production                     |

### Graph 5: Government Opposition

- |                                    |                                      |
|------------------------------------|--------------------------------------|
| 1. Climate_Opp                     | Climate of Opposition                |
| 2. Cli_Opp_Exec                    | Climate of Opposition to Executive   |
| 3. Cli_Opp_Gov<br>also Cli_Opp_Leg | Climate of Opposition to Legislature |
| 4. Unhappiness                     | Unhappiness                          |

**Executive Economic Policy Shock Resulting in Full Scale Revolt**  
 (Executive Desired Economic Welfare=-30 step at M=50)

**Graph 1**



**Graph 2**

