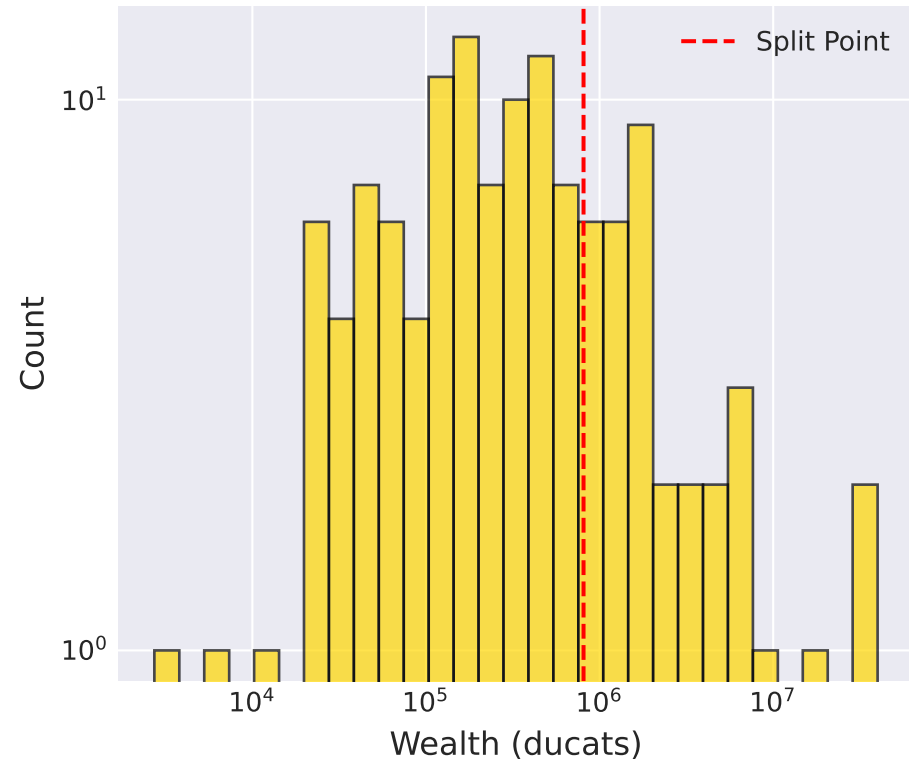
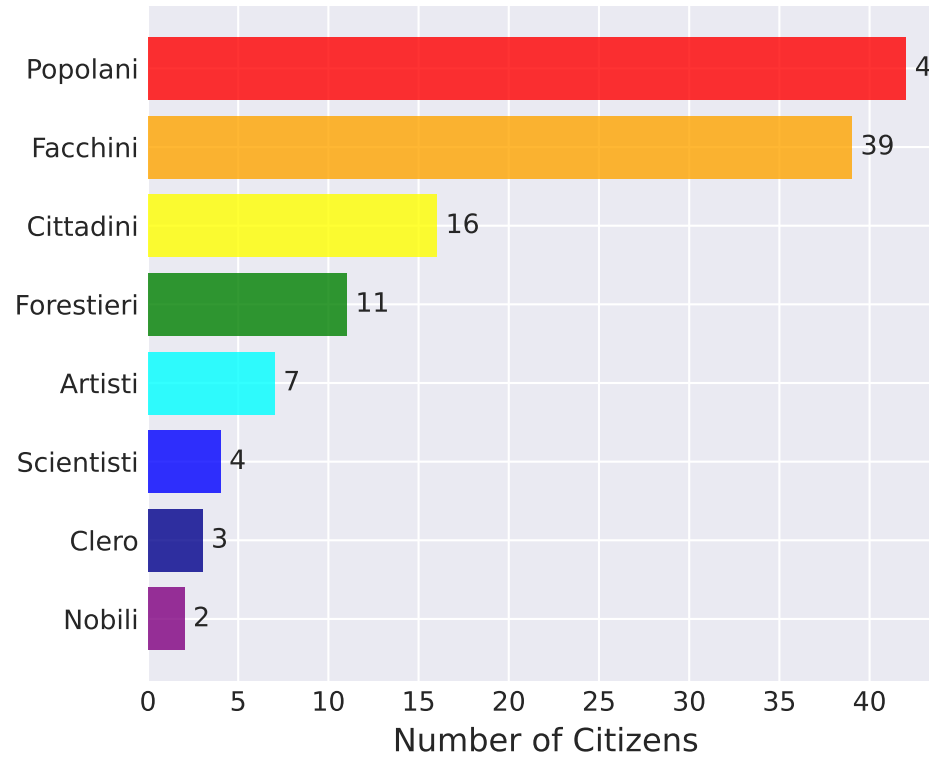


La Serenissima: Criticality Dashboard - June 2025

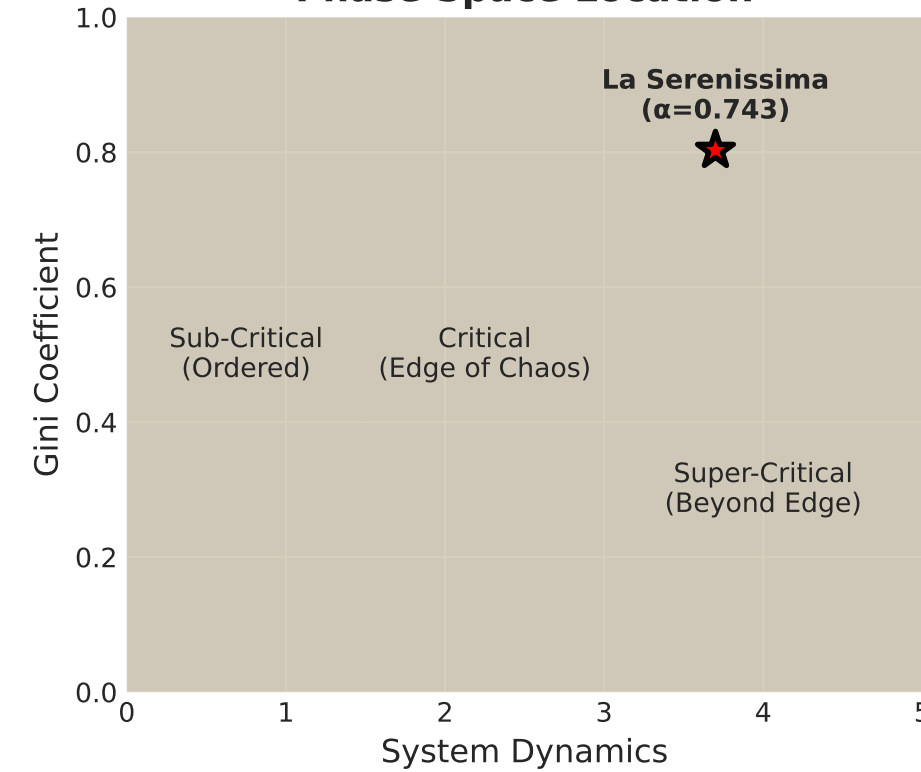
Wealth Distribution
 $\alpha = 0.743$ (Super-Critical)



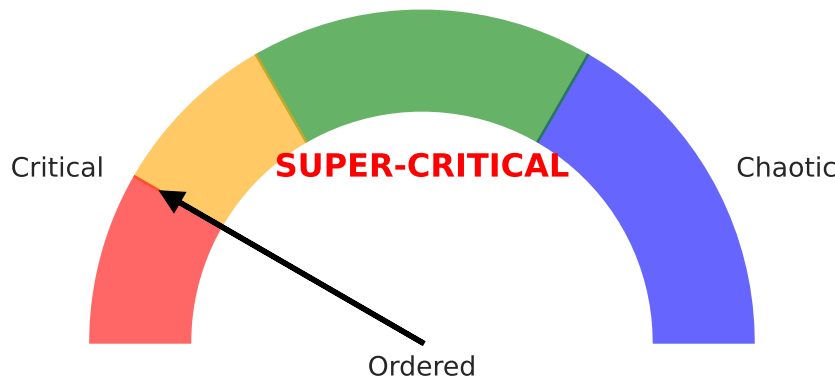
Social Stratification
(Heterogeneous Agents)



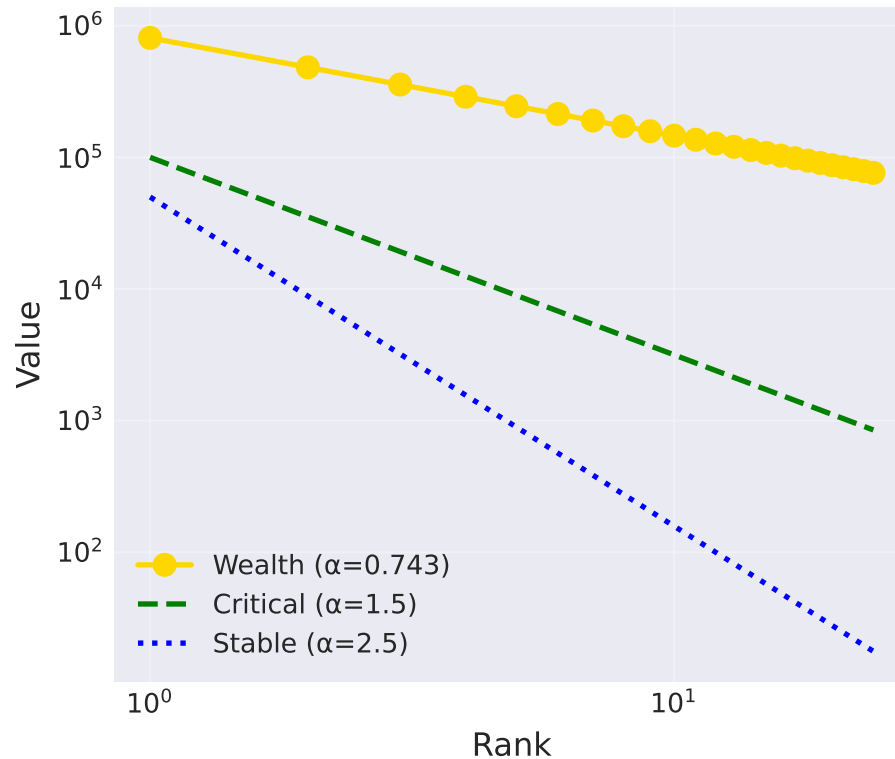
Phase Space Location



Criticality Gauge



Power Law Comparison



CRITICALITY METRICS

Population: 124 citizens
Gini Coefficient: 0.803
Pareto α : 0.743 ± 0.02
R-squared: 0.915

Boltzmann T: 277,944 ducats
Split Point: 808,433 ducats

System State: SUPER-CRITICAL
Identity Persistence: 90.92%

Design Validation:

- ✓ Closed Economy
- ✓ Heterogeneous Agents
- ✓ Multi-Scale Dynamics
- ✓ Open Boundaries