

Fitting In and Breaking Up: A Nonlinear Version of Coevolving Voter Models

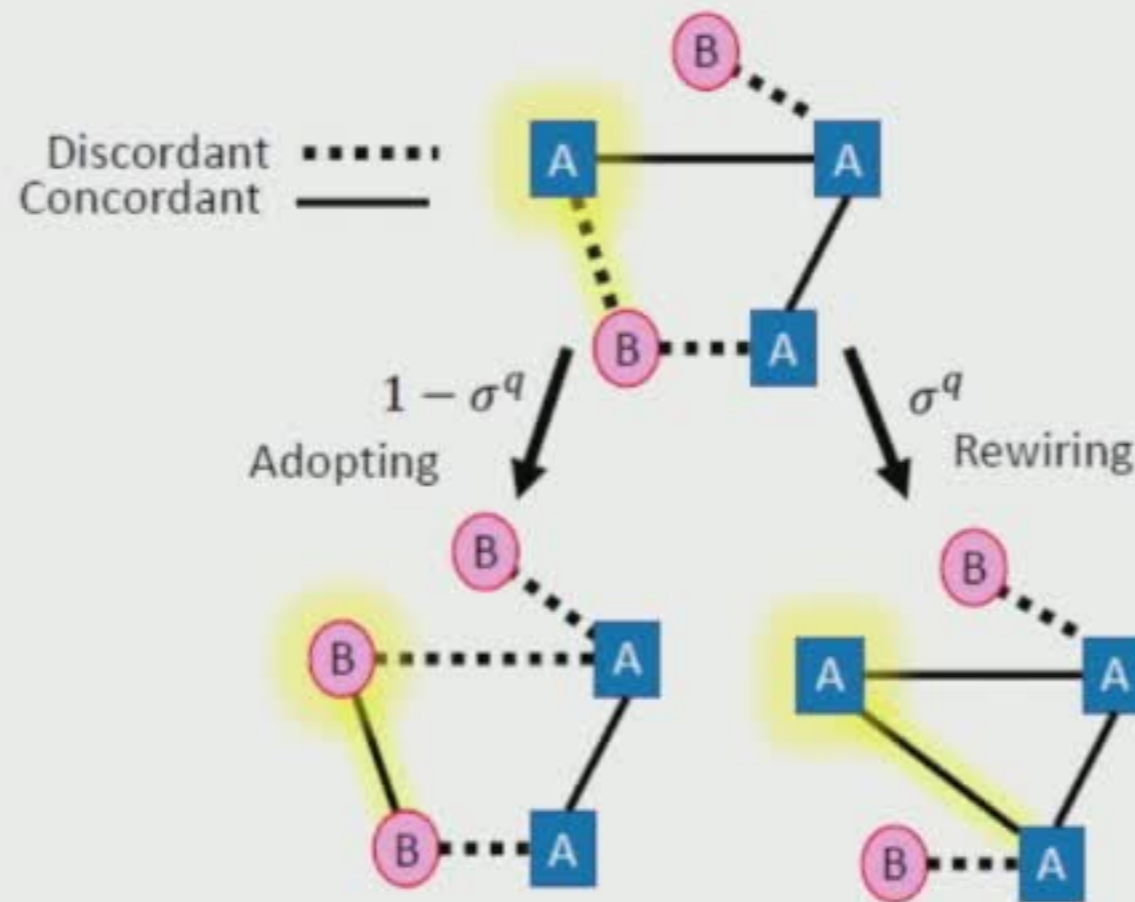
Yacoub Kureh and Mason A. Porter

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Department of Mathematics
UCLA

SIAM DS19

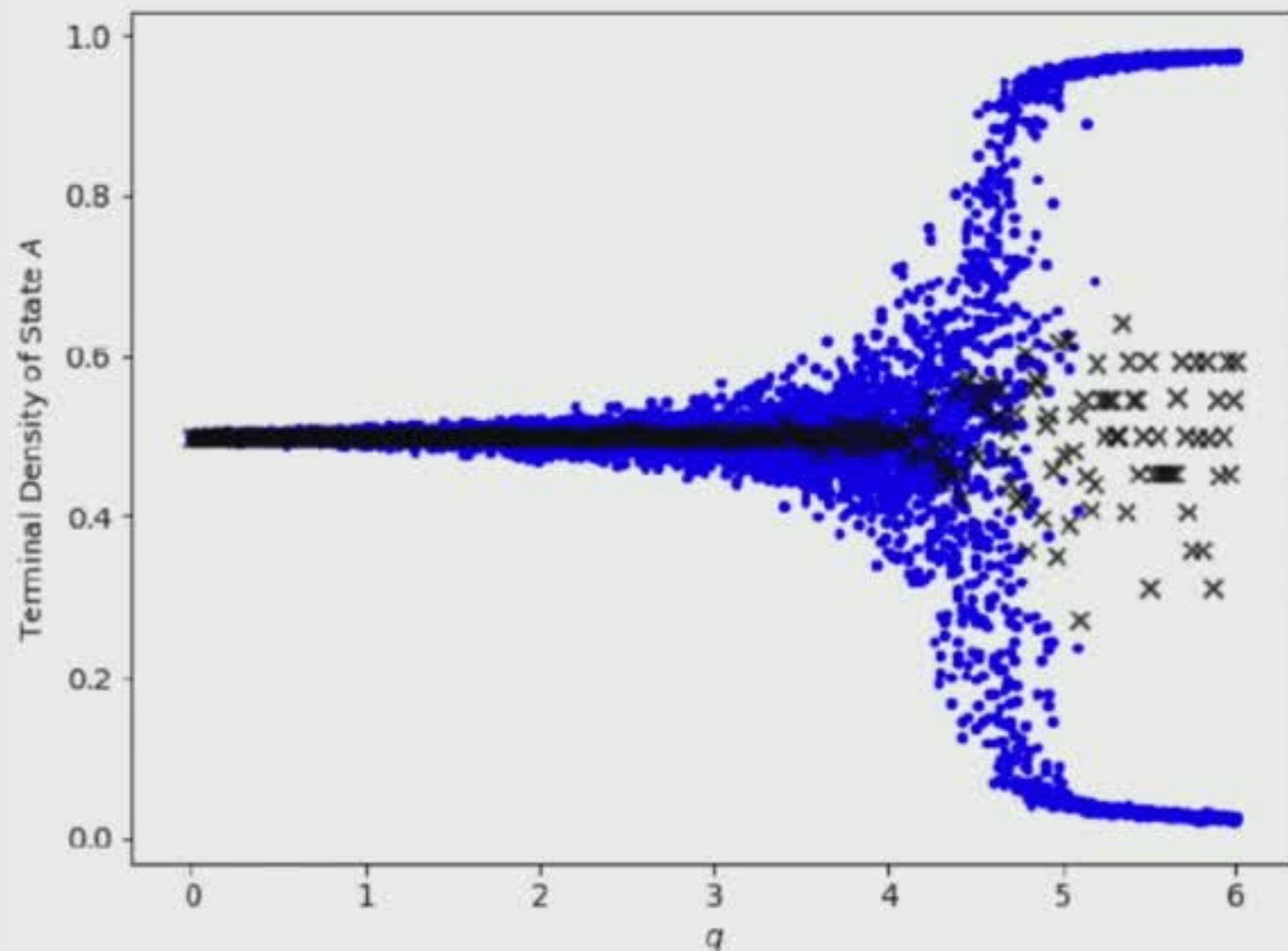
Nonlinear Coevolving Voter Model



Schematic representation of a time step. The chosen edge and chosen node are highlighted in yellow. The value σ in this example is $\frac{1}{2}$.

Terminal State Density for Rewire-to-Same

Simulations of rewire-to-same nonlinear coevolving voter model on Erdős–Rényi $G(N, p)$ random graphs with $N = 50,000$, $\langle k \rangle = 4$, and half of the nodes initialized in state A and half in state B .



Terminal State Density for Rewire-to-Random

Simulations of rewire-to-Random nonlinear coevolving voter model on Erdős–Rényi $G(N, p)$ random graphs with $N = 50,000$, $\langle k \rangle = 4$, and half of the nodes initialized in state A and half in state B .

