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Exact results for the probability and stochastic dynamics of fixation in the Wright-Fisher model

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Highlights

- We provide a set of exact results for a fundamental model of population genetics.
- We present exact results for the fixation probability, for the Wright-Fisher model, for some schemes of selection.
- The exact results hold for selection that can be strong and frequency dependent.
- Knowledge of the fixation probability, for all frequencies, fully determines the Wright-Fisher model.
- We present the exact stochastic rule that generates purely fixing trajectories.

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