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Chaotic provinces in the kingdom of the Red Queen

Hanna Schenk, Arne Traulsen, Chaitanya S. Gokhale

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Highlights

- We study Red Queen host-parasite dynamics in a flexible deterministic framework.
- Population sizes (constant or changing) and interaction matrices are variable.
- Red Queen dynamics become irregular with more types of hosts and parasites.
- The dynamics depend strongly on the initial conditions.
- Besides stasis and cycling, chaos could be routine in Red Queen dynamics

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