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Pick your trade-offs wisely: predator-prey eco-evo dynamics are qualitatively different under different trade-offs

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Highlights

- We formulated and analyze two eco-evo predator-prey models with different evolutionary trade-offs.
- Coexistence is more likely when growth rate is affected by an evolving trait than when carrying capacity is.
- Coexistence is more likely when the ratio of predator and prey speeds of adaptation is sufficiently high.

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