

# Pace-of-life in blue tits

Individuals within a population have different trade-offs between current vs. future reproduction (survival), exhibiting a pace-of-life syndrome (POLS)

Slow individuals	Fast individuals
<ul style="list-style-type: none"><li>• Prioritize survival</li><li>• Avoid risks</li><li>• Less successful in competition</li></ul>	<ul style="list-style-type: none"><li>• Prioritize current reproduction</li><li>• Take risks</li><li>• More successful in competition</li></ul>

However, empirical study evidence remains scarce



## Possible research questions

- Is aggressiveness related to risk-taking tendencies?
- Is aggressiveness related to interspecific competition outcomes?
- Can POLS explain variation in individual risk-taking tendencies?

In this project, you will

- Learn general fieldwork (nest check, breeding monitor and so on)
- Learn to measure blue tit aggressiveness & risk-taking tendencies
- Use RFID technology

**Study location:** De Vosbergen (53°08'N, 06°35'E), Eelde

**Supervisors:** Gaoyang Yu, Xia Zhan, Peter Korsten, and Jan Komdeur

**Start time:** late February 2023

**Contact info:** g.yu@rug.nl; x.zhan@rug.nl