Introduction

* What are personalities?

Different individual behaviour that is consistent over time and context

* Why a snowdrift game and not a prisoners dilemma ?
* Research aim
* Why is this important?

When looking from an adaptive point of view it is more advantageous to be flexible over time and context. It seems that this is not the case in animal, insect and fish behaviour, where limited plasticity is observed.

This mechanism is poorly understood. There might be more to it from an evolutionary perspective.



Overview variables

P0

Pc

Pd

Ps 🡪 model 2.0 ?

Model 0.0

* Small overview variables
* Model set-up/traits
* Data overview

Model 0.1

Model 1.0

* Communication

Only honest communication is evolutionary stable 🡪 Botero et al.

Research aim

Literature list

* Sih, A., Bell A., Johnson J. C. 2004 Behavioral syndromes: an ecological and evolutionary overview. *Trends in Ecology and Evolution*. **19**, 372 – 378
* Johnson J. C. & Sih A. 2005 precopulatory sexual cannibalism in fishing spiders (*Dolomedes triton*): a role for behavioural syndromes. *Behav. Ecol. Sociobiol.* **58**, 390 – 396
* Wolf M., Van Doorn G. S. & Weissing F.J. 2010 On the coevolution of social responsiveness and behavioural consistency. *Proc. R. Soc. B*. **278,** 440 – 448