

Four advances in Statistical Ecology

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Outline

- Stopover models
- Removal models
- Mixture models
- N-mixture models

NCSE

- ❑ **The National Centre for Statistical Ecology** (NCSE) is a joint research centre, spanning a number of institutions.
- ❑ It was **established in 2005** as a joint research centre between the Universities of Kent, Cambridge and St Andrews, with the aid of a mathematics Multidisciplinary Critical Mass Award from **EPSRC**.
- ❑ In 2010, it was expanded to include the Universities of Bath, Bristol, Exeter, Glasgow and Sheffield, together with the Centre for Ecology and Hydrology.
- ❑ This expansion was achieved with the aid of a joint **EPSRC/NERC** grant.
- ❑ Four further organisations are Project Partners: Biomathematics and Statistics Scotland; the Centre for Environment, Fisheries and Aquaculture Science; the Game and Wildlife Conservation Trust; and Marine Scotland.

See: <http://www.ncse.org.uk/>

NCSE at Kent, and links with DICE

- **Statisticians:** Martin, Diana, Eleni, Takis, Rachel, Byron
- **Dice:** Richard, Dave, Zoe, Jim
- **Research students:** Anita, Ben, Natoya, Bee, Tita, Chen, Emily, Hanna
- **Joint research students:** Nico, Hazel, Lydia, Ming