

Section summary

Study species

About the study species: identification, diet, distribution, family bonds

Study site

Where geese winter, geographic overview, goose population size in the area, map included

Goose observations

Sightings of marked geese

Description of *geese.org* data collection: who, where, how long, what data

Flock counts

Description of Kees' data, as above, + differences from above

Flight activity

Description of *Trektellen* data

Satellite telemetry

Description of logger data

Data filtering

Which data were removed and why, how many records remain in each dataset after filtering

Summer predation

Why include summer predation, the alternate prey hypothesis (AHP), why we did not use lemming index from the literature

Hypotheses and predictors

Hypotheses

The five main hypotheses

Predictors

Which variables as predictor, choosing days since arrival *vs.* days to departure as time in winter, how the predation index was calculated

Hypothesis testing

Which models were used and why, how random effects were specified

Results

Results, p values, goodness of fit table, model output plots