Appendix 1

Figure A1. Known night roosting sites in Nord-Trøndelag, mid-Norway.
Appendix 2

(a)

Goose occurrence 2011

Value

0.9997
0.4999
7.1029e-006
Figure A2. Predictions of the probability of occurrence of pink-footed goose in Nord-Trøndelag, mid-Norway for (a) 2011, (b) 2012 and c) 2013. The predictions were computed using a GLM model and values of field size, distance to the nearest small roads and to the nearest roosting site.
Figure A3. Predictions of the probability of occurrence of pink-footed goose in Nord-Trøndelag, mid-Norway. The predictions were computed using a GLM model and values of field size, distance to the nearest small roads and to the nearest roosting site.
Appendix 4

Figure A4. Prediction of pink-footed goose abundance in Nord-Trøndelag, mid-Norway. The prediction was computed using a GLM model including values of field size, distance to the nearest small roads and to the nearest roosting site.
Appendix 5

Figure A5. Spearman rank correlation between observed and predicted values for return time at Nesset/Skogn and Nord-Trøndelag, mid-Norway.
Figure A6. Predictions of pink-footed goose return time (days) in Nord-Trøndelag, mid-Norway. Return time is the number of days from a hunting event until geese are observed on the field again, and is used as a proxy for sensitivity of a field exposed to hunting. The predictions were computed using a LM model and values of distance to the nearest roosting site, field size and distance to nearest big road.
Figure A7. Predictions of hunting sensitivity in Nord-Trøndelag, mid-Norway. The predictions were based on combined results from pink-footed goose occurrence and return time; high numbers indicate a long return time and high probability of goose occurrence.