



Spiorad na Mara Offshore Wind Farm

Offshore Project

Environmental Impact Assessment Report

Annex 14.1.4.C: MRSea Model Abundance Confidence Limits and Coefficients of Variation, Volume 2c

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1 ANNEX 14.1.4.C: MRSEA MODEL ABUNDANCE CONFIDENCE LIMITS AND COEFFICIENTS OF VARIATION

1.1 INTRODUCTION

1.1.1.1 This document is an appendix to the **Annex 14.1.4: MRSea Modelling Report, Volume 2c** of the **Appendix 14.1: Ornithology Baseline Report, Volume 2c**. The figures in this annex set out the lower and upper model abundance confidence limits, and the coefficients of variation for the following species:

- Kittiwake;
- Gannet;
- Guillemot;
- Razorbill;
- Puffin.

1.2 KITTIWAKE

Plate 1-1 Kittiwake model abundance lower confidence limits

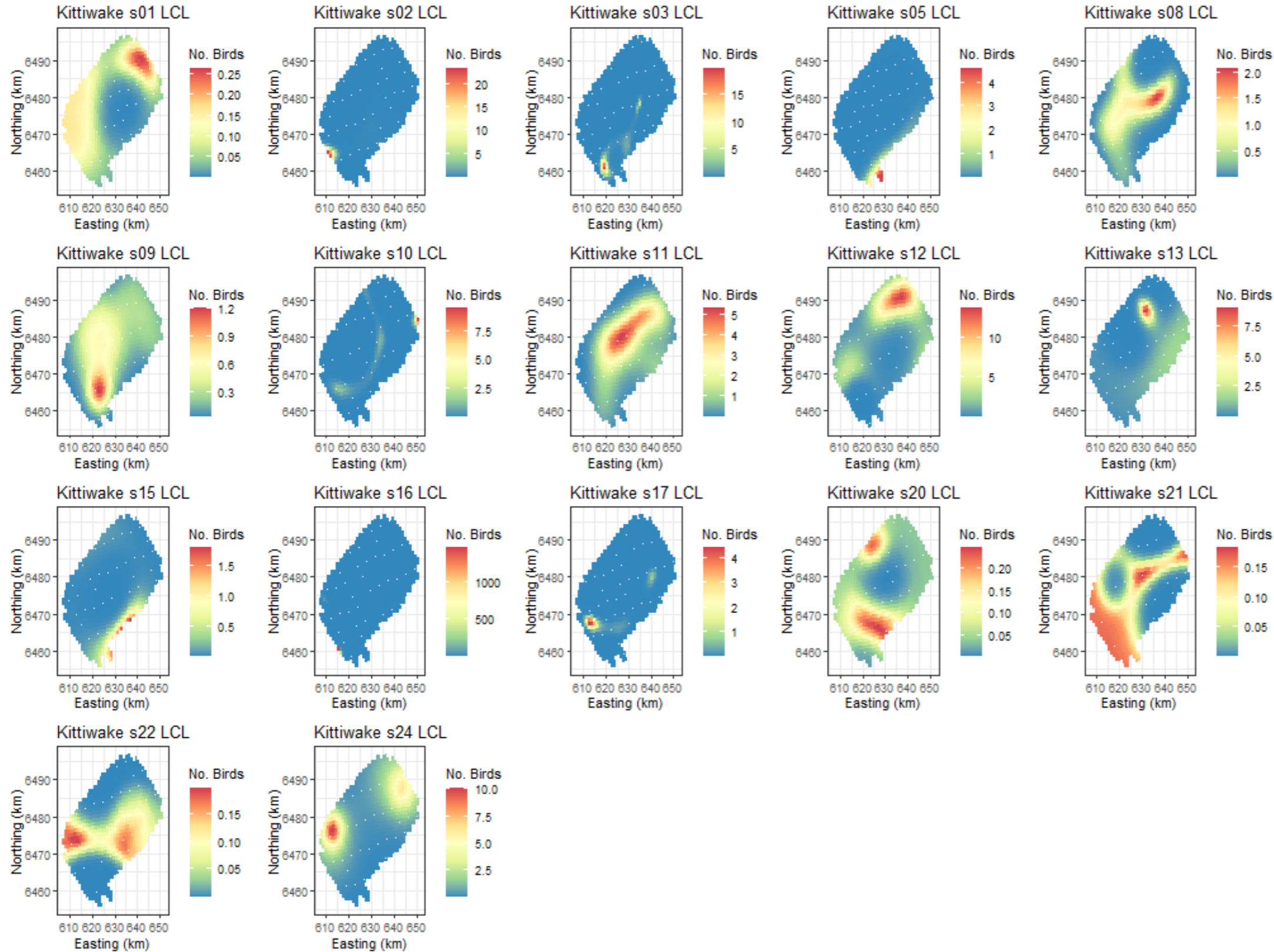


Plate 1-2 Kittiwake model abundance upper confidence limits

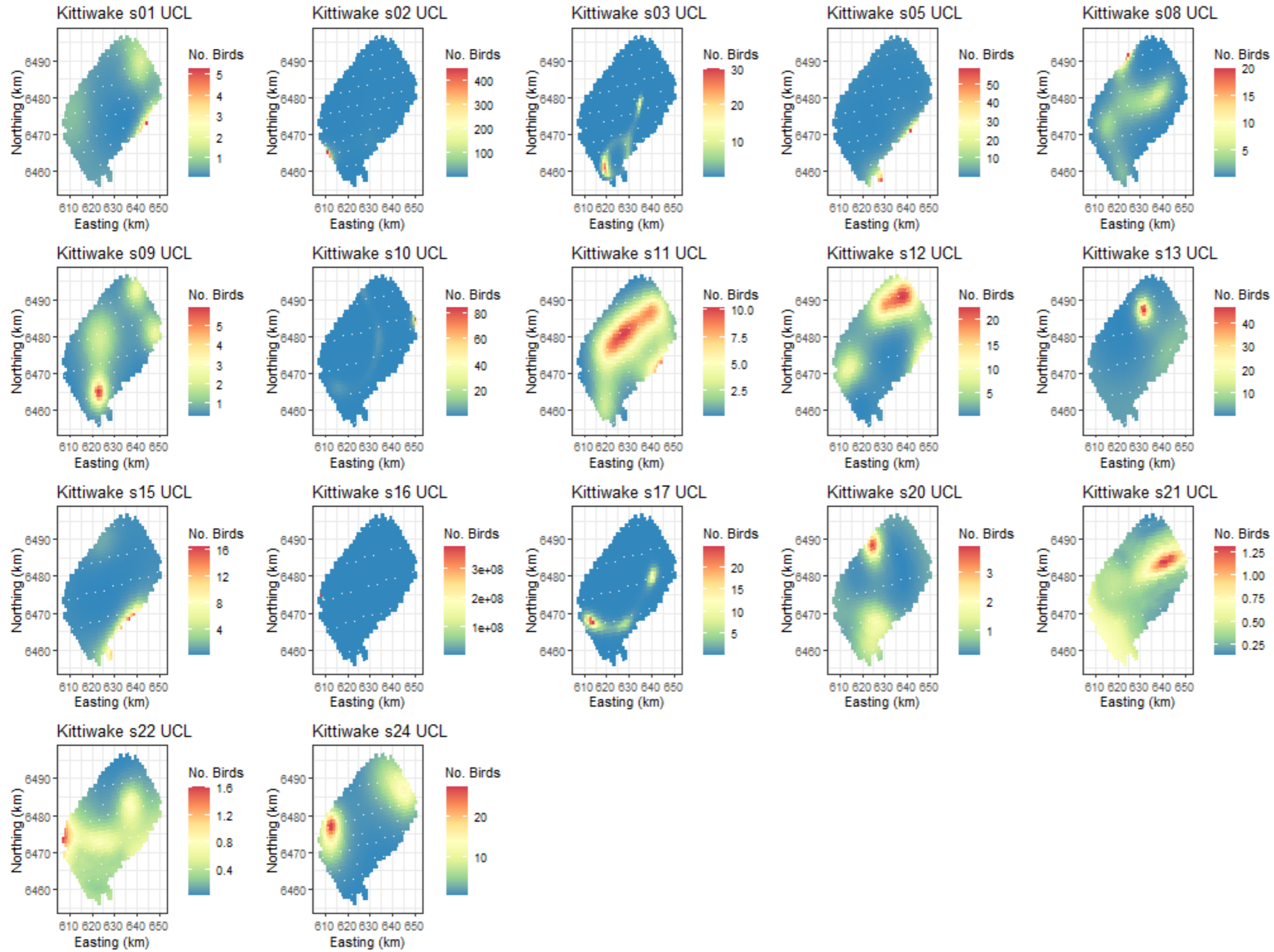
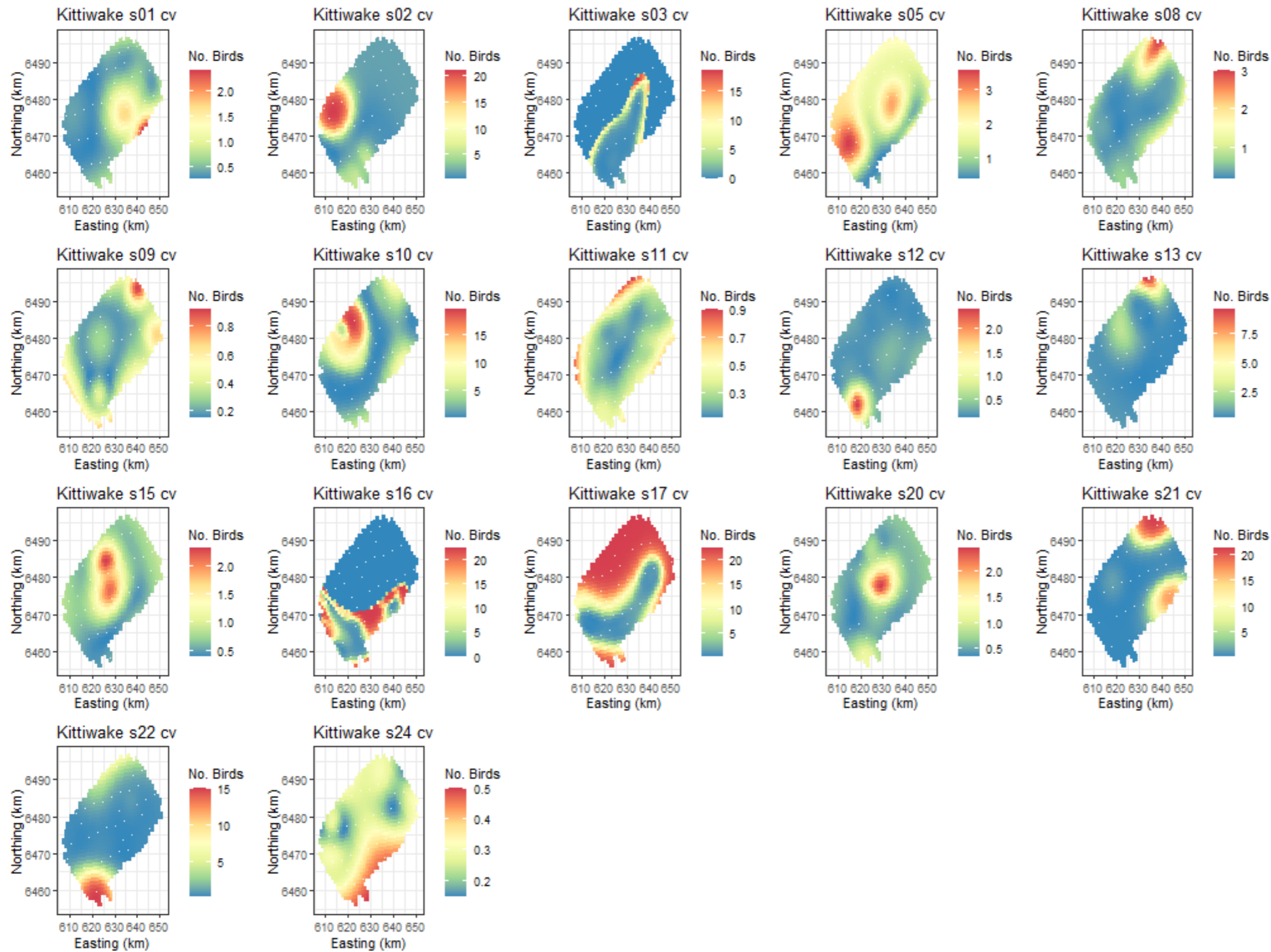


Plate 1-3 Kittiwake model abundance coefficients of variation



1.3 GANNET

Plate 1-4 Gannet model abundance lower confidence limits

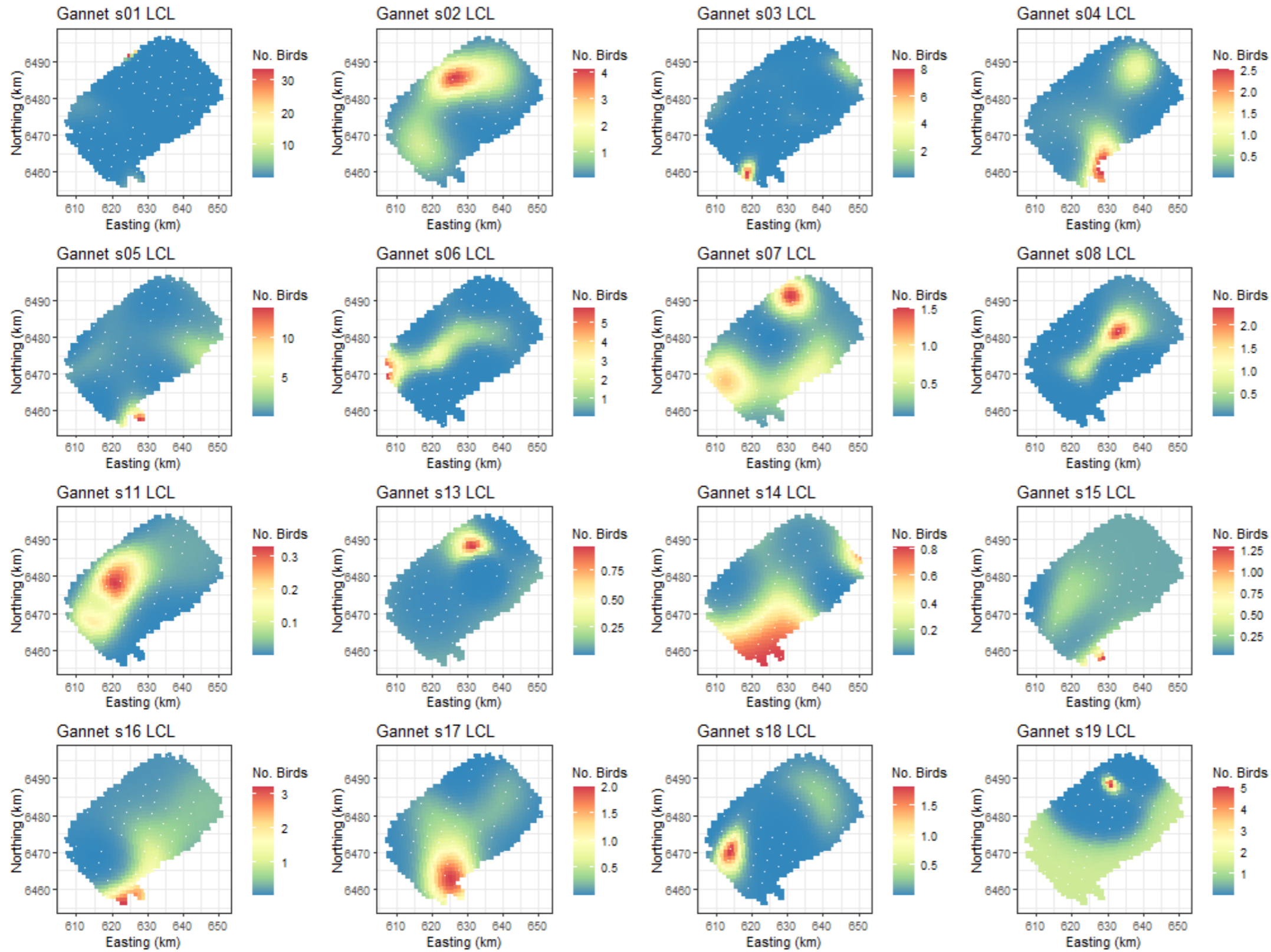


Plate 1-5 Gannet model abundance upper confidence limits

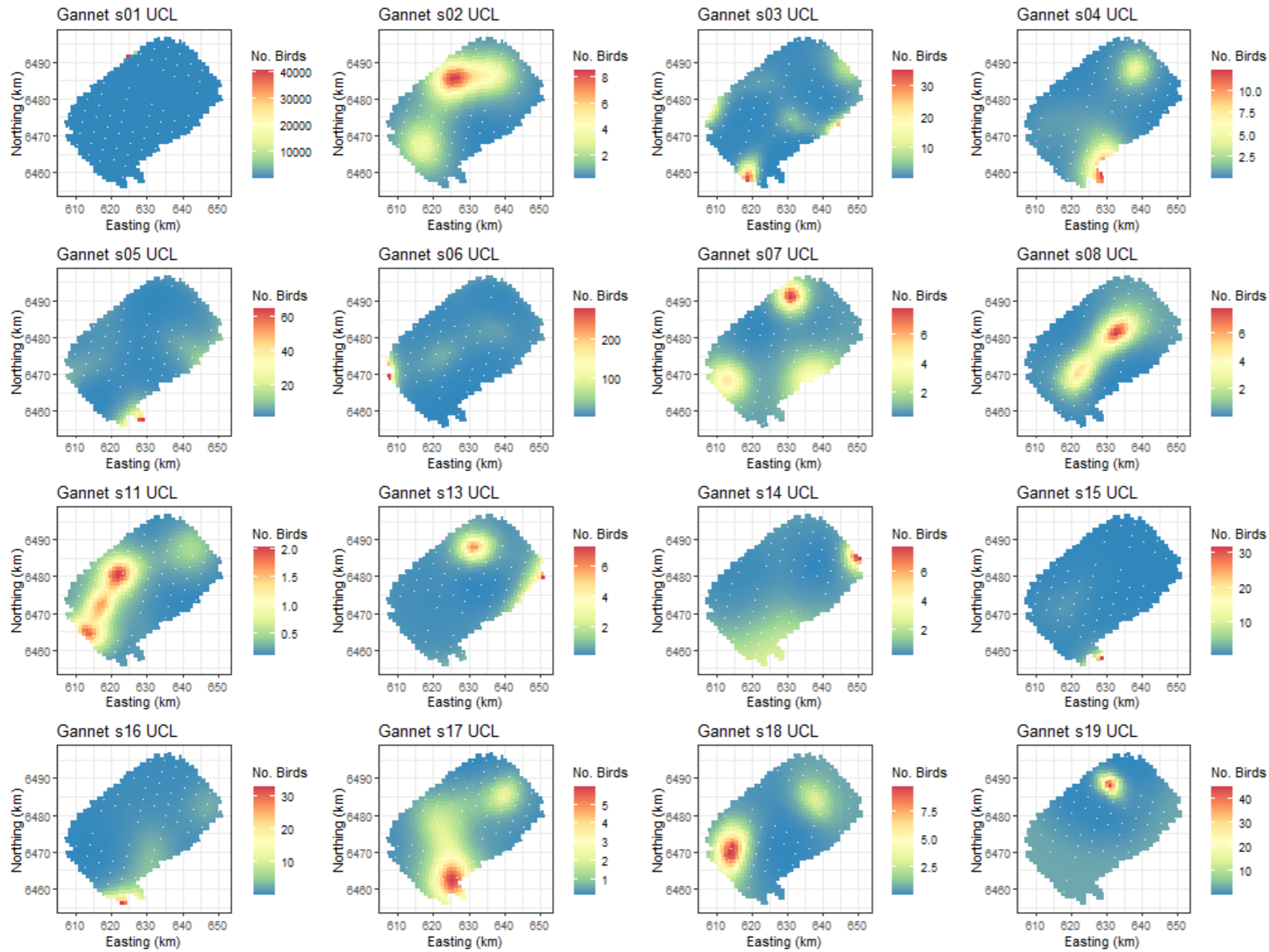
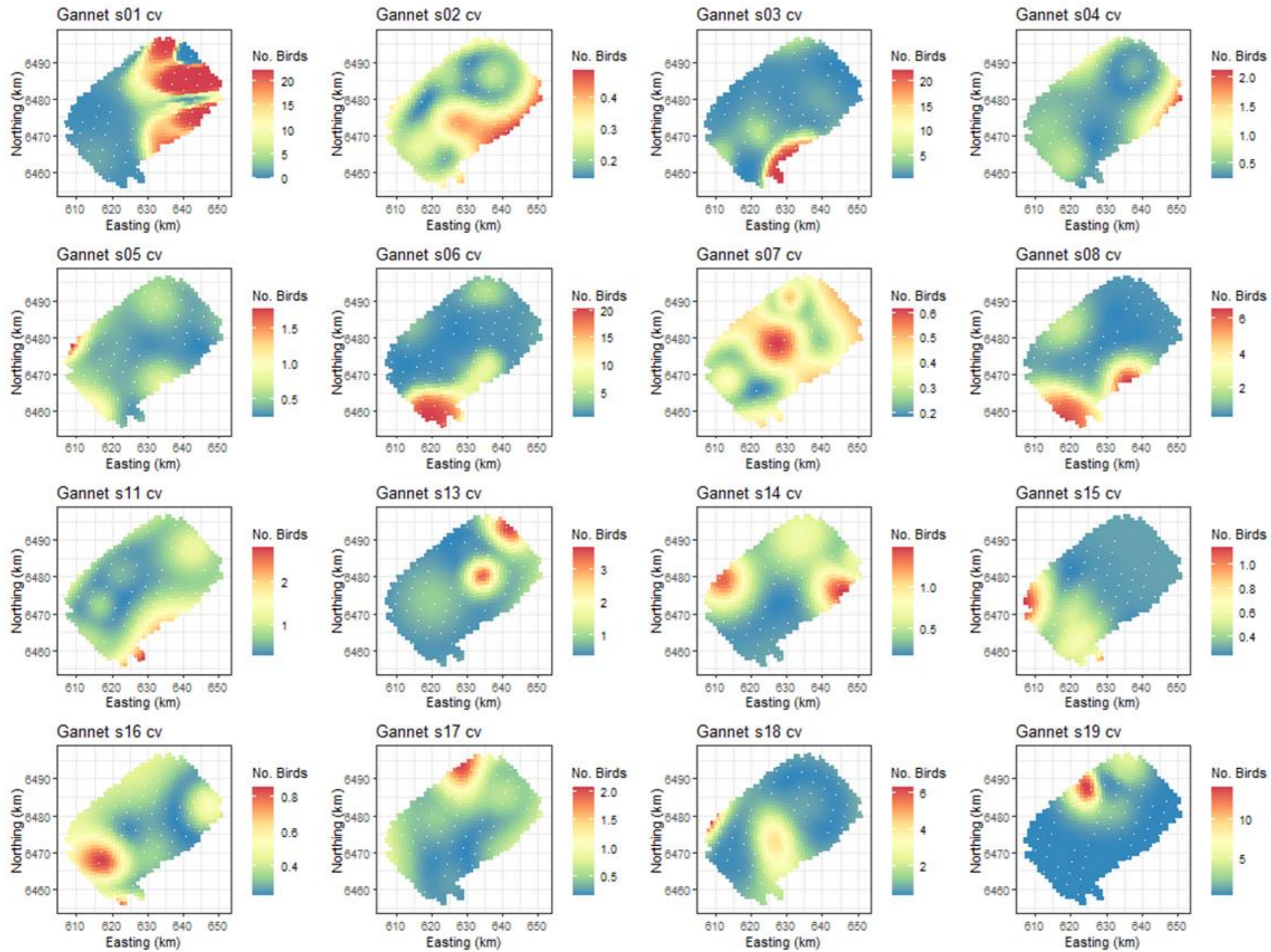


Plate 1-6 Gannet model abundance coefficients of variation



1.4 GUILLEMOT

Plate 1-7 Guillemot model abundance lower confidence limits

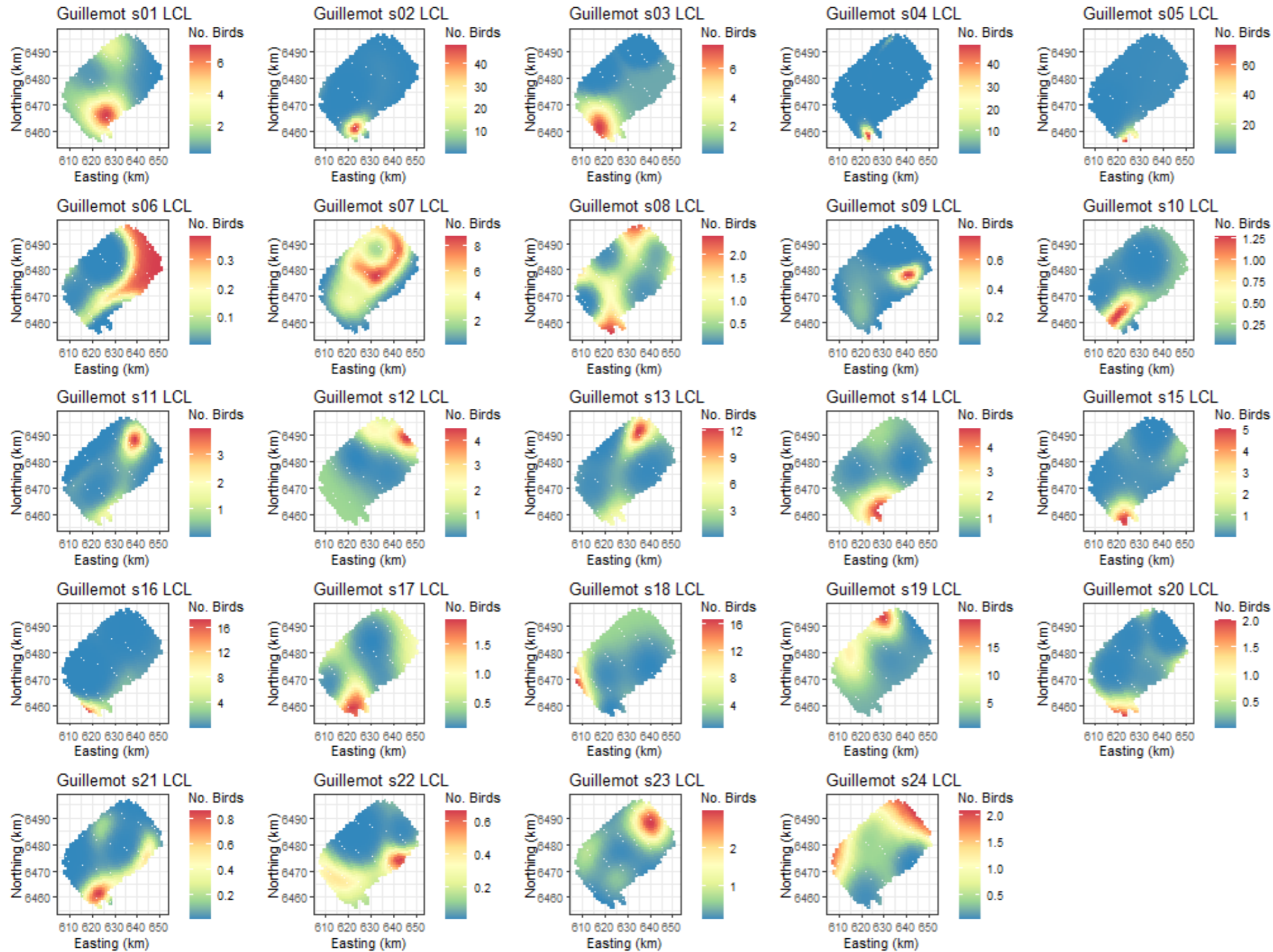


Plate 1-8 Guillemot model abundance upper confidence limits

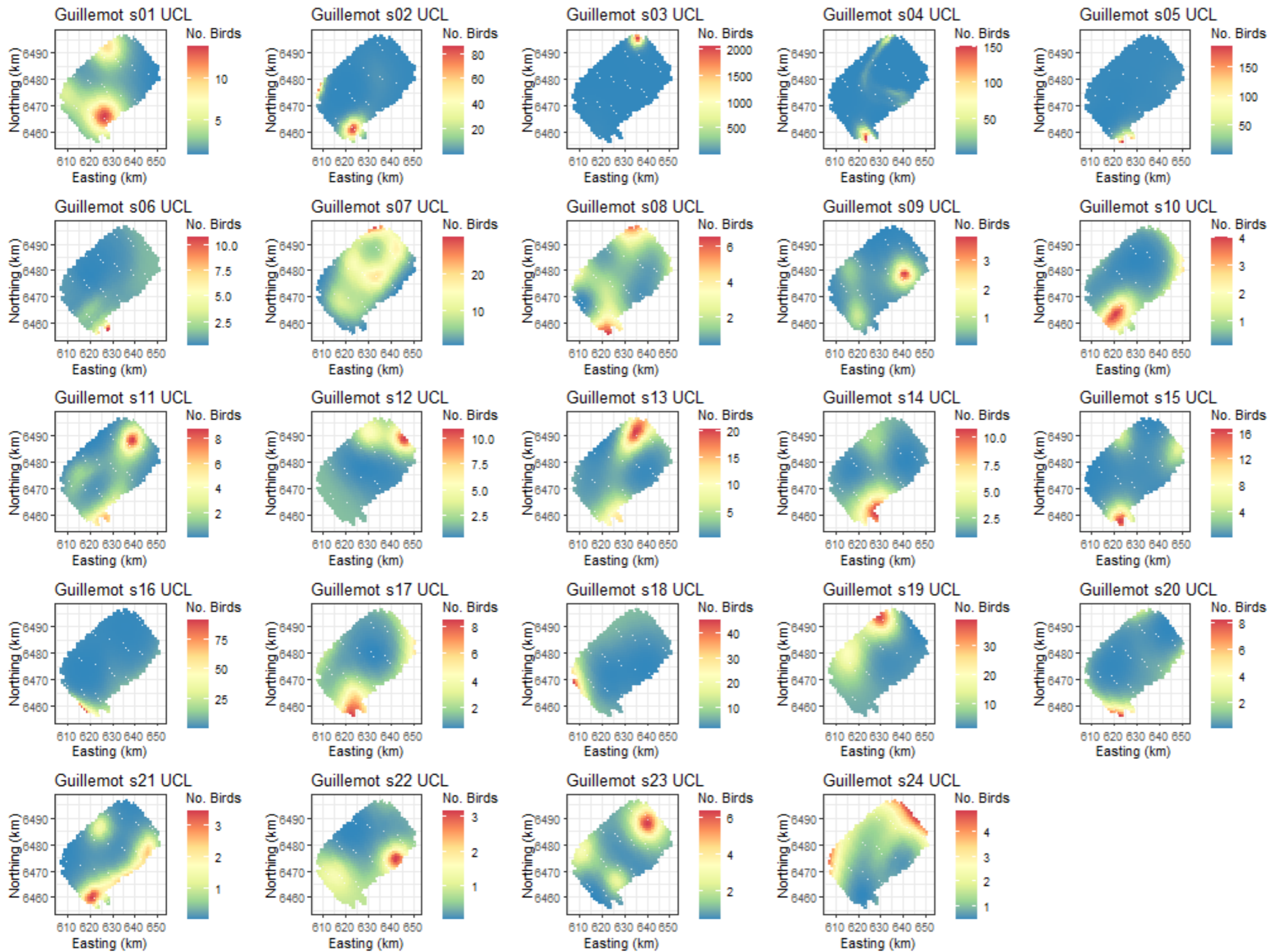
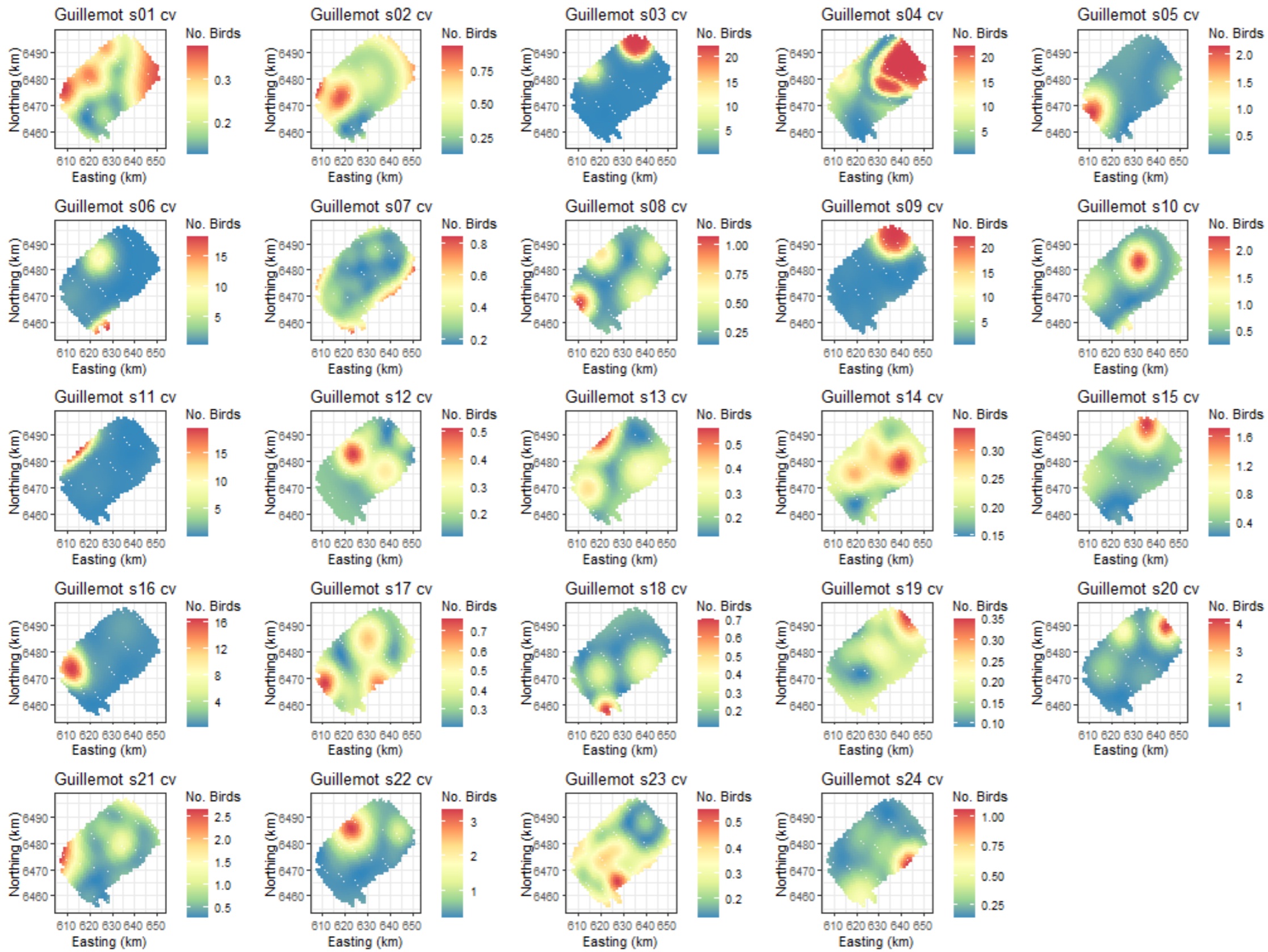


Plate 1-9 Guillemot model abundance coefficients of variation



1.5 RAZORBILL

Plate 1-10 Razorbill model abundance lower confidence limits

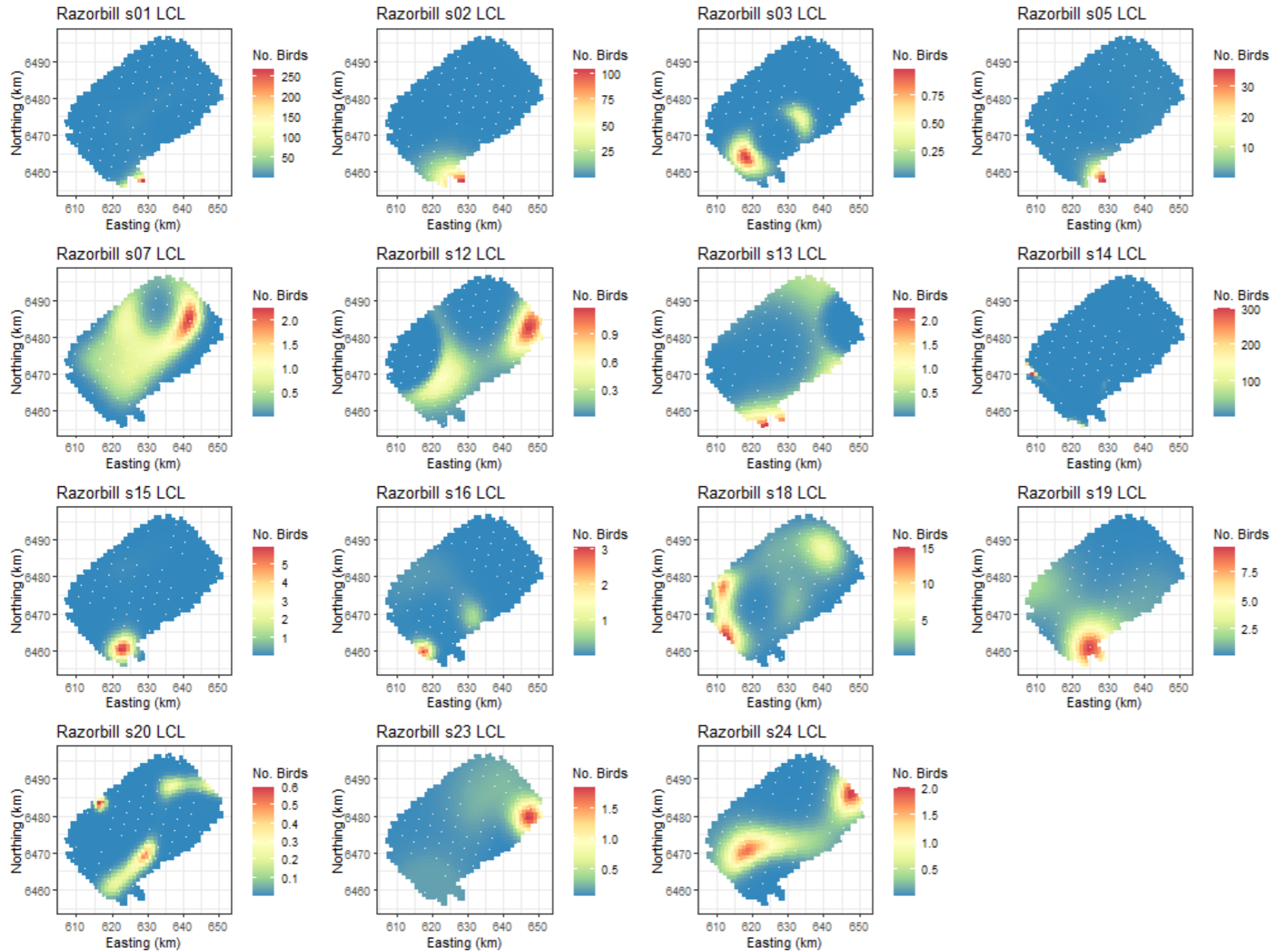


Plate 1-11 Razorbill model abundance upper confidence limits

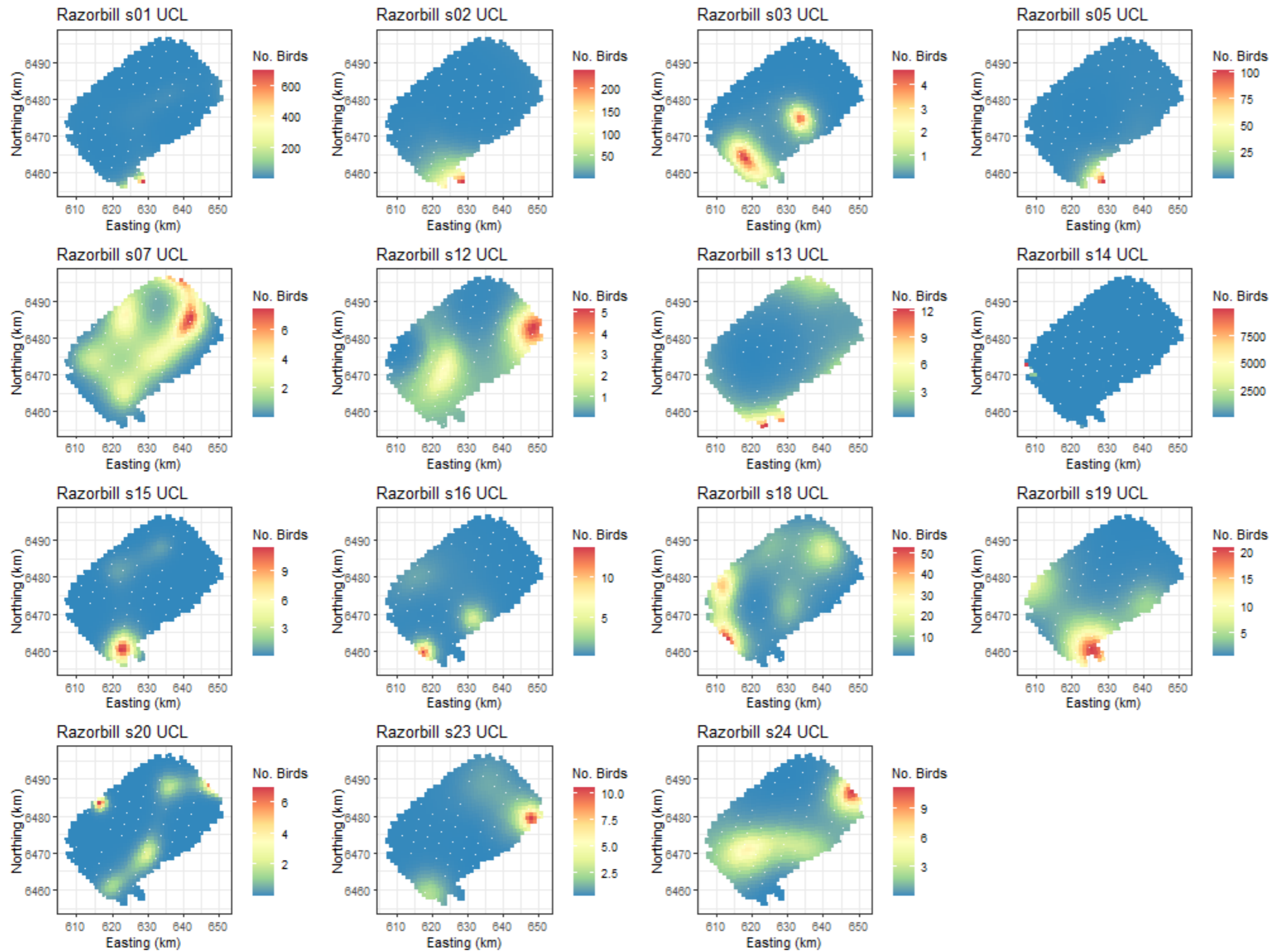
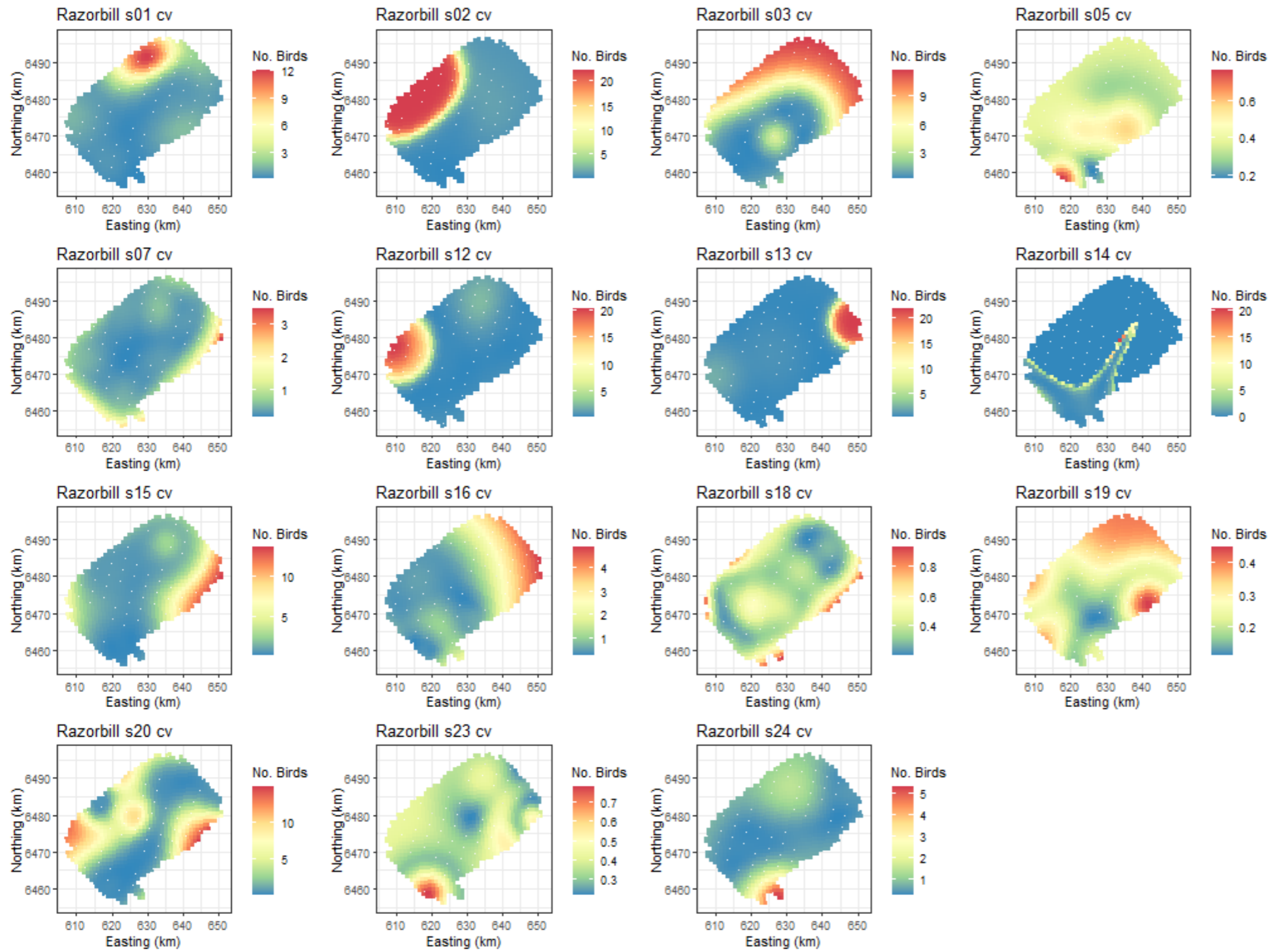


Plate 1-12 Razorbill model abundance coefficients of variation



1.6 PUFFIN

Plate 1-13 Puffin model abundance lower confidence limits

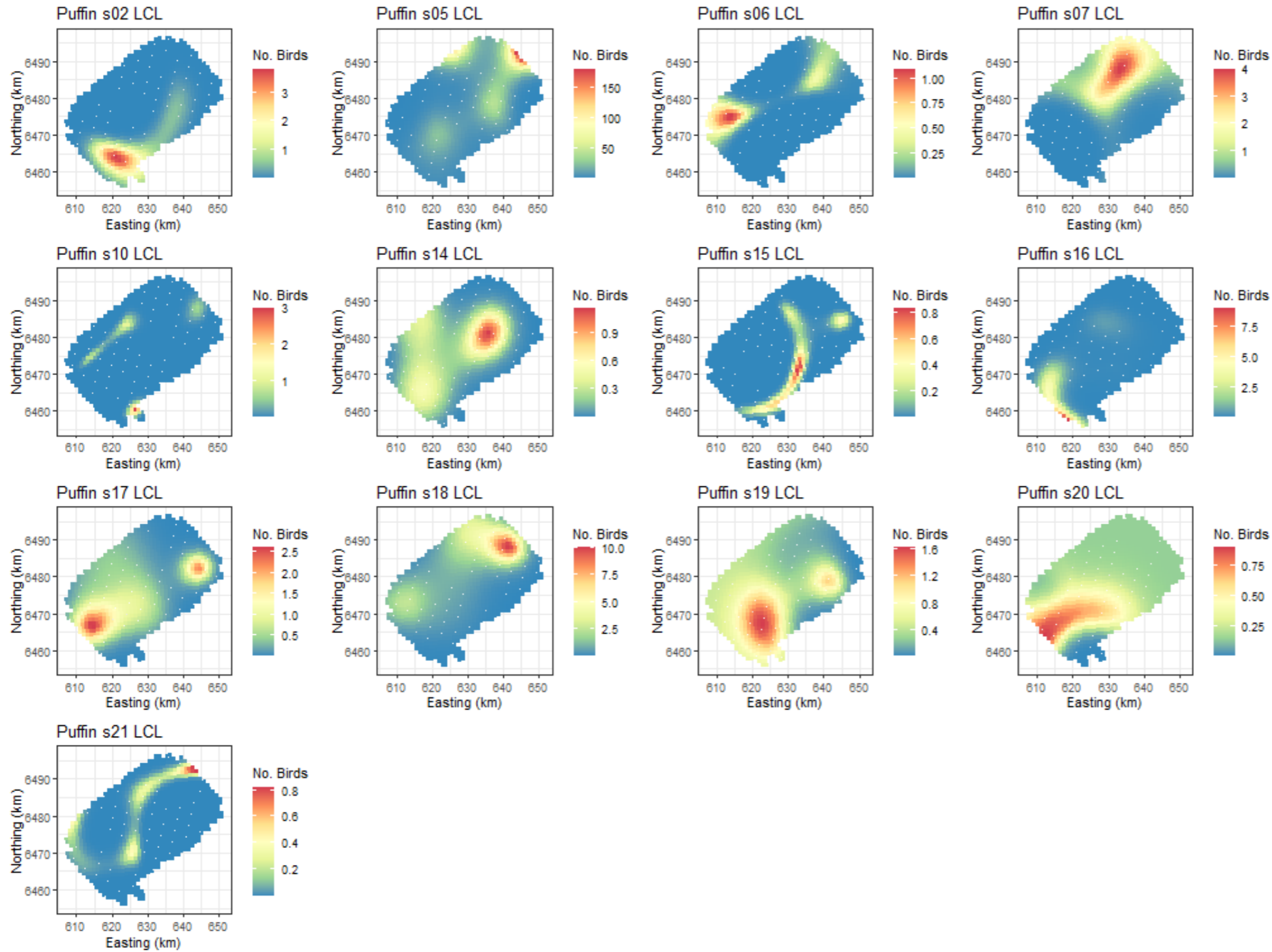


Plate 1-14 Puffin model abundance upper confidence limits

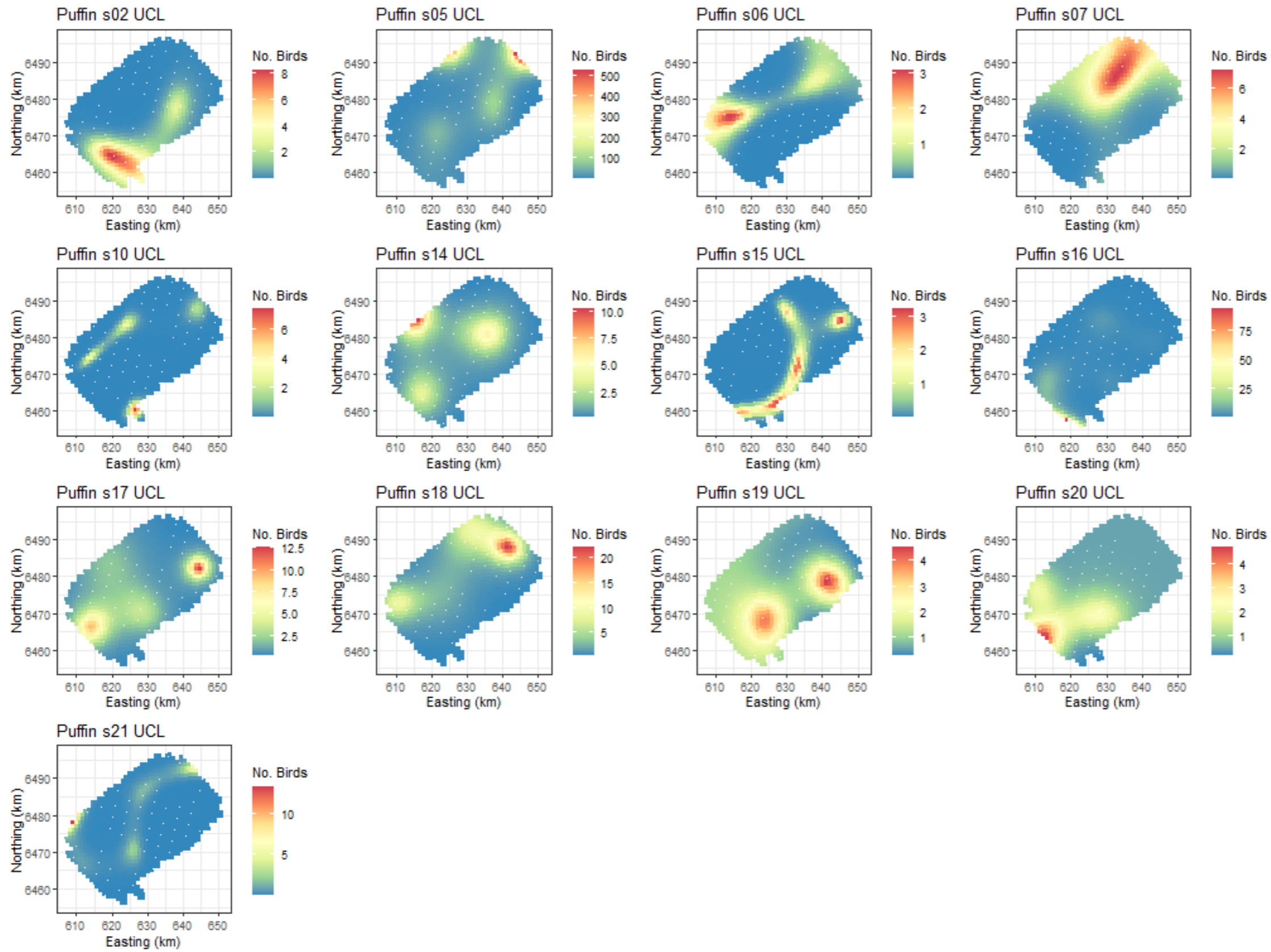
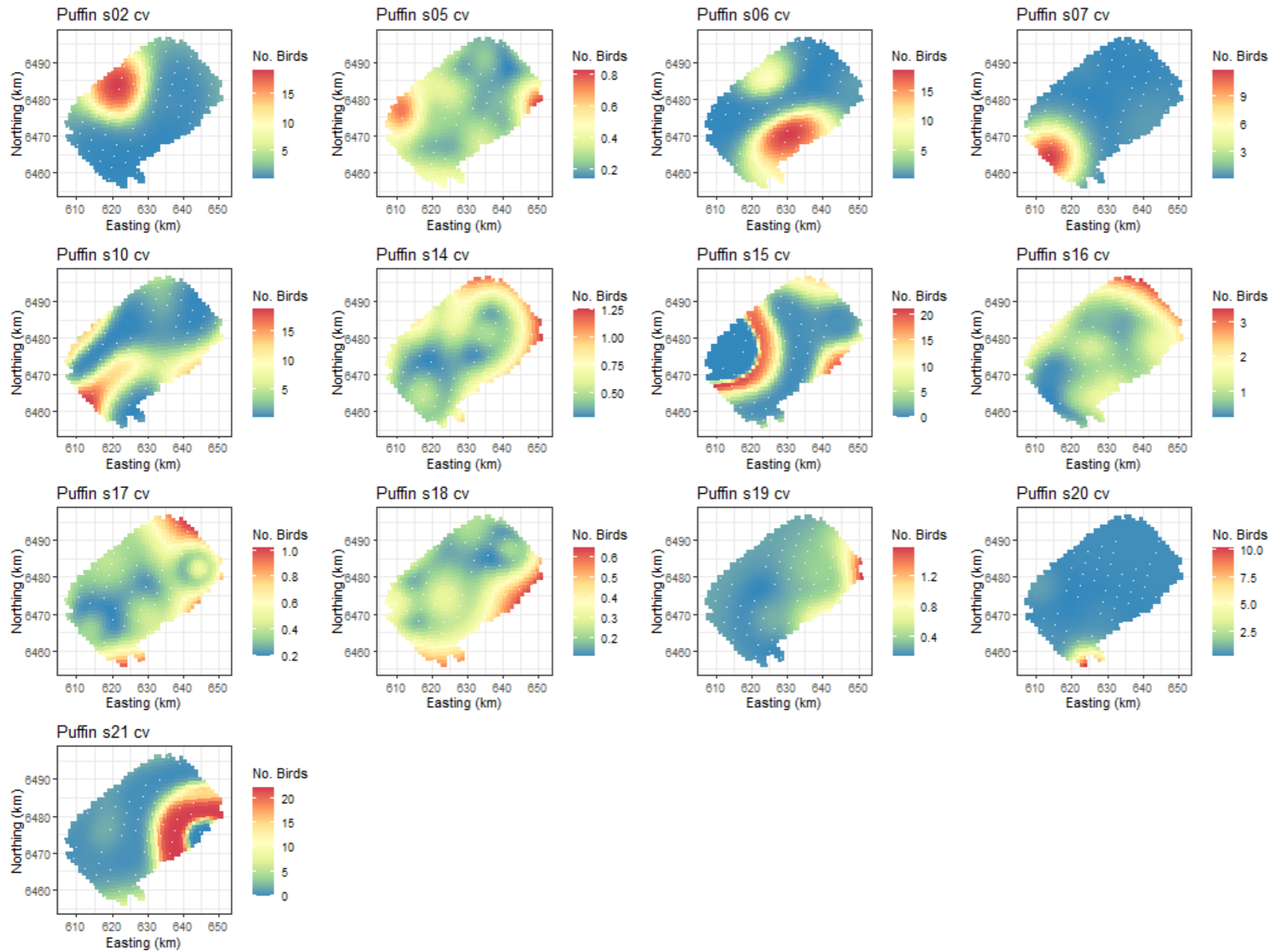


Plate 1-15 Puffin model abundance coefficients of variation



1.7 GLOSSARY OF TERMS AND ABBREVIATIONS

1.7.1.1 A list of key terms and acronyms used in this appendix are provided in **Table 1-1** and **Table 1-2**.

Table 1-1 Acronyms and abbreviations

Term	Definition
CV	Coefficient of variation
LCL	Lower confidence limit
UCL	Upper confidence limit

Table 1-2 Glossary

Term	Meaning
Coefficient of variation	The ratio of the standard deviation to the mean
Lower confidence limit	Represents the lower bound of a confidence interval
Upper confidence limit	Represents the upper bound of a confidence interval