

Appendix 7. Conditional overdispersion in sea duck abundance

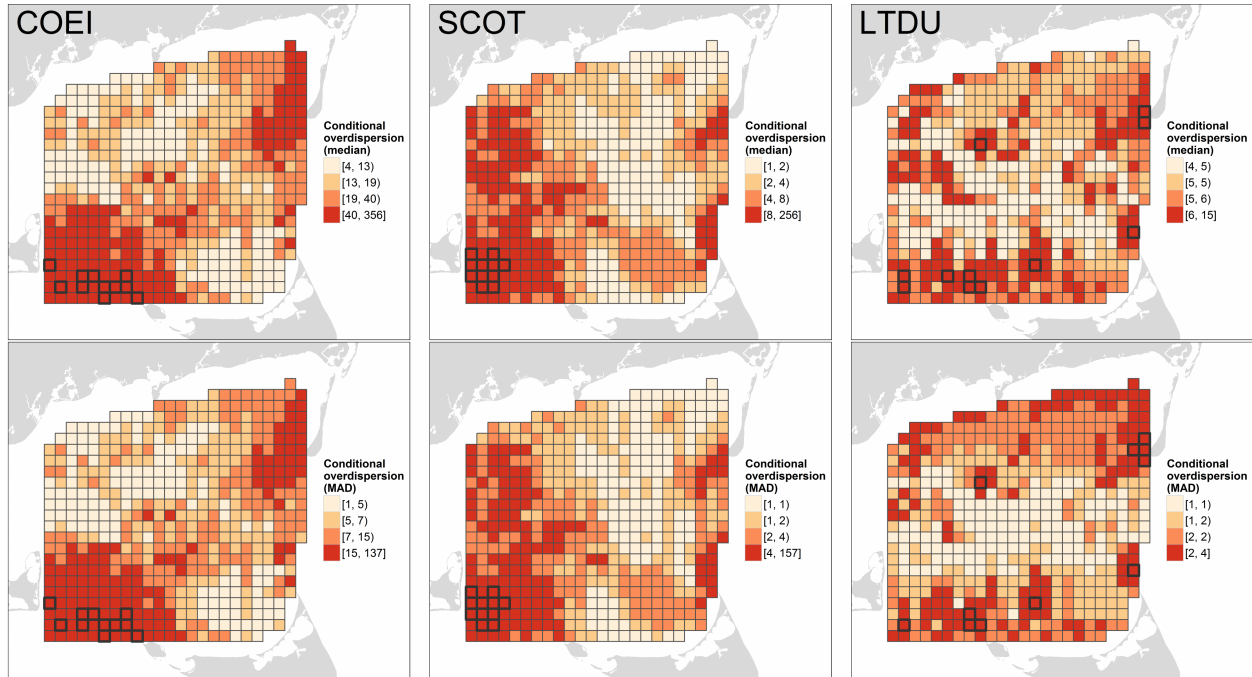


Figure 7.1. Median (first row) and median absolute deviation (MAD; second row) of Common Eider (COEI), scoter (SCOT), and Long-tailed Duck (LTDU) conditional overdispersion (i.e., given sea duck presence) predicted at 10 dates evenly-spaced from 15 November and 1 April in three winters (2003 - 2005) of aerial surveys in Nantucket Sound. Predicted values are categorized based on their quartiles; segments with predictions ≥ 98 th percentile are outlined. Conditional abundance values represent the expected number of sea ducks, conditional on their presence, in a 1.5 km x ca. 180 m transect through the segment.