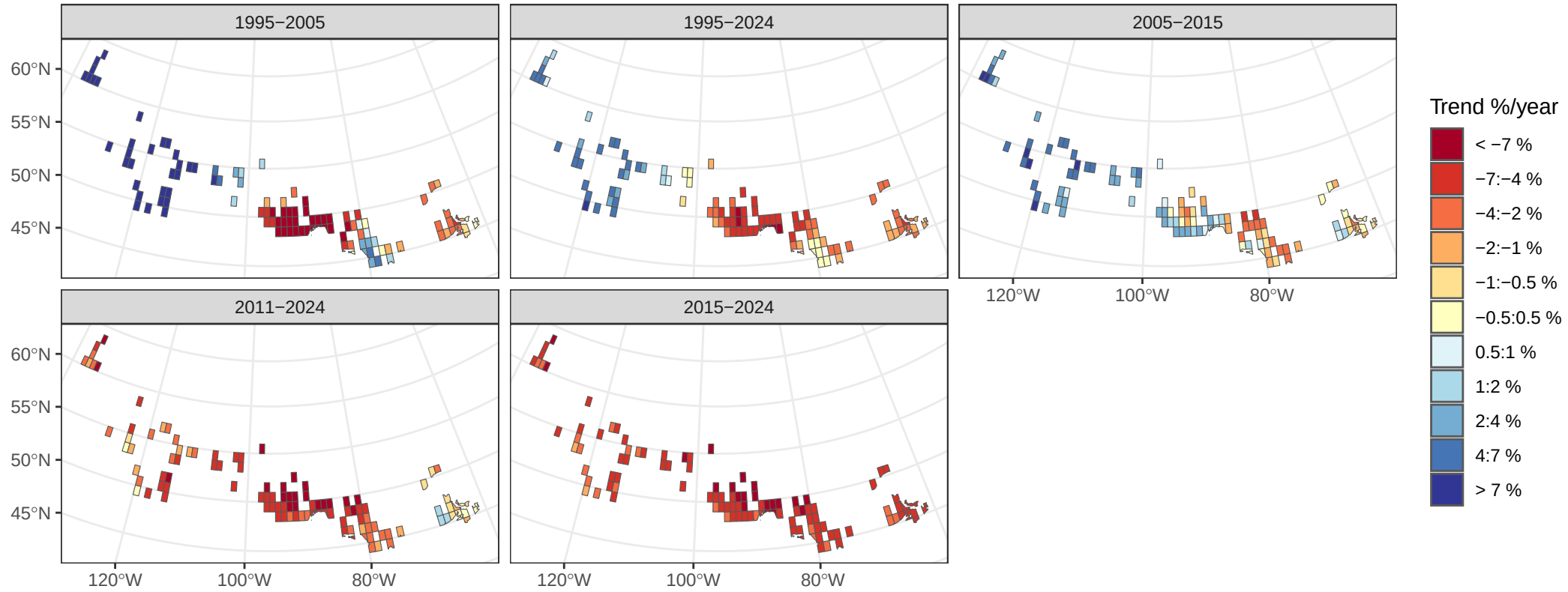
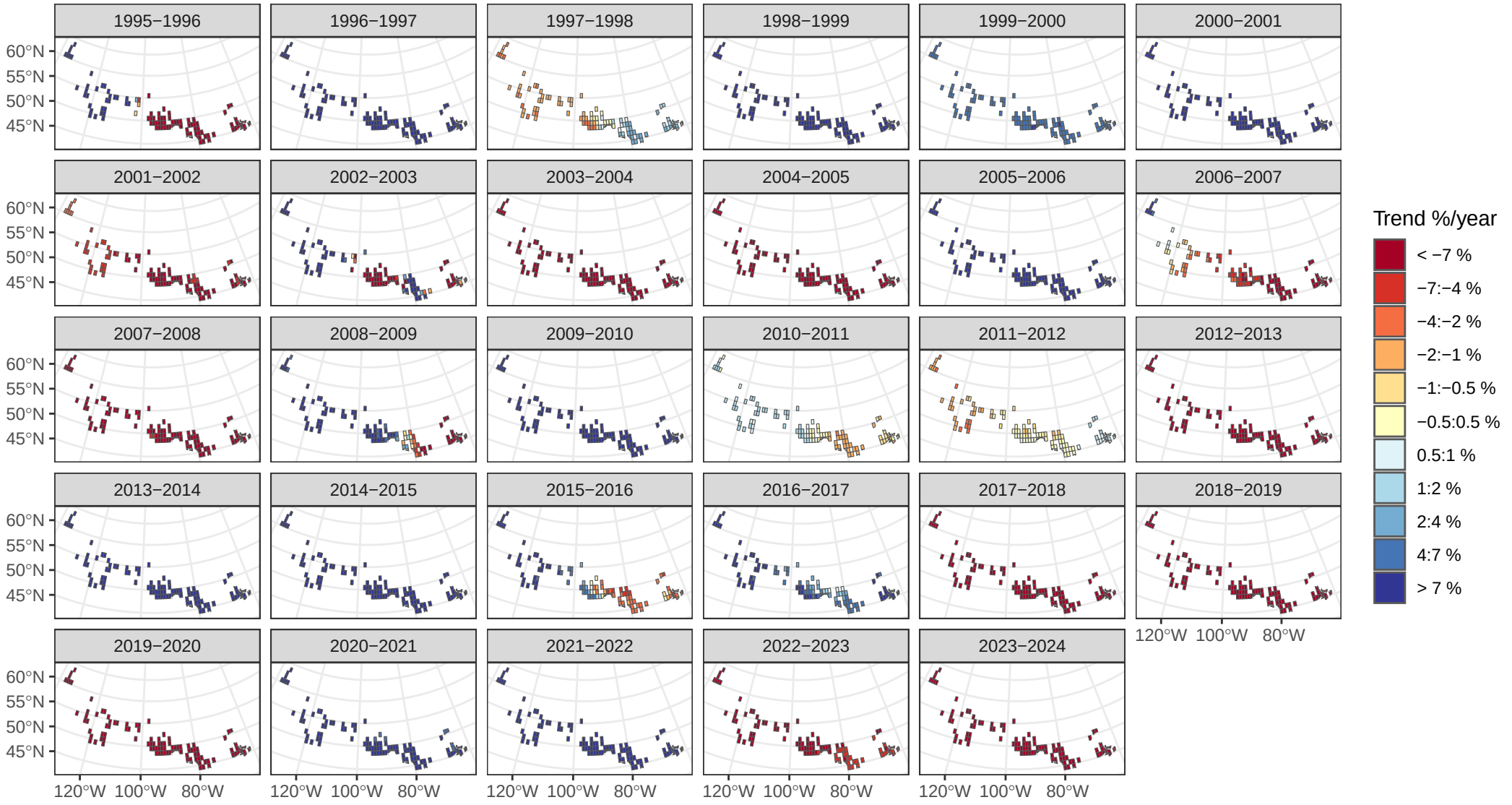
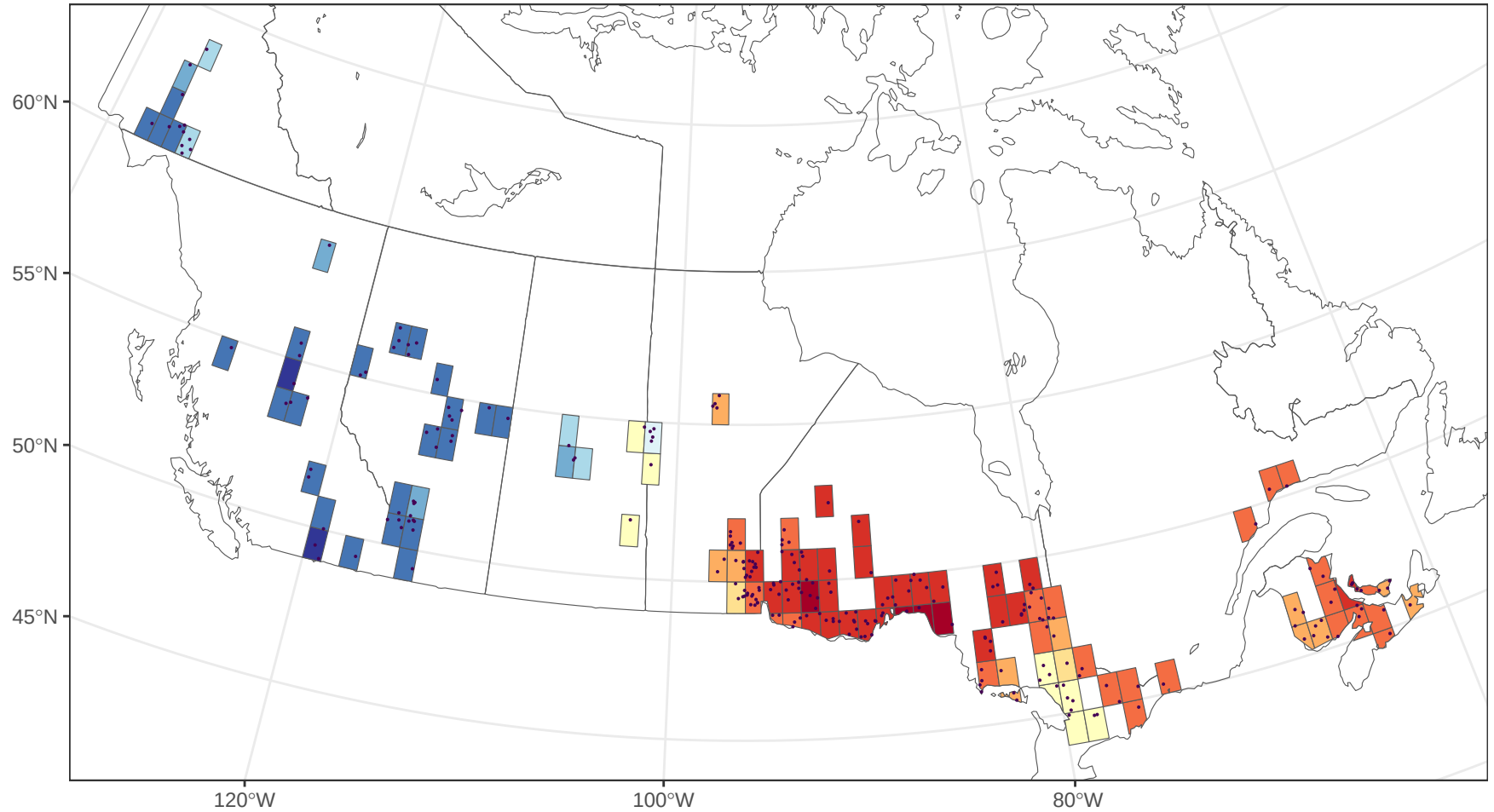

1995–2005
1995–2024
2005–2015
2011–2024
2015–2024
60°N
55°N
50°N
45°N
120°W
100°W
80°W
Trend %/year
< −7 %
−7:−4 %
−4:−2 %
−2:−1 %
−1:−0.5 %
−0.5:0.5 %
0.5:1 %
1:2 %
2:4 %
4:7 %
> 7 %


1995–1996
1996–1997
1997–1998
1998–1999
1999–2000
2000–2001
2001–2002
2002–2003
2003–2004
2004–2005
2005–2006
2006–2007
2007–2008
2008–2009
2009–2010
2010–2011
2011–2012
2012–2013
2013–2014
2014–2015
2015–2016
2016–2017
2017–2018
2018–2019
2019–2020
2020–2021
2021–2022
2022–2023
2023–2024
60°N
55°N
50°N
45°N
120°W
100°W
80°W
Trend %/year
< −7 %
−7:−4 %
−4:−2 %
−2:−1 %
−1:−0.5 %
−0.5:0.5 %
0.5:1 %
1:2 %
2:4 %
4:7 %
> 7 %

Boreal Owl Trends across Canada, 1995−2024

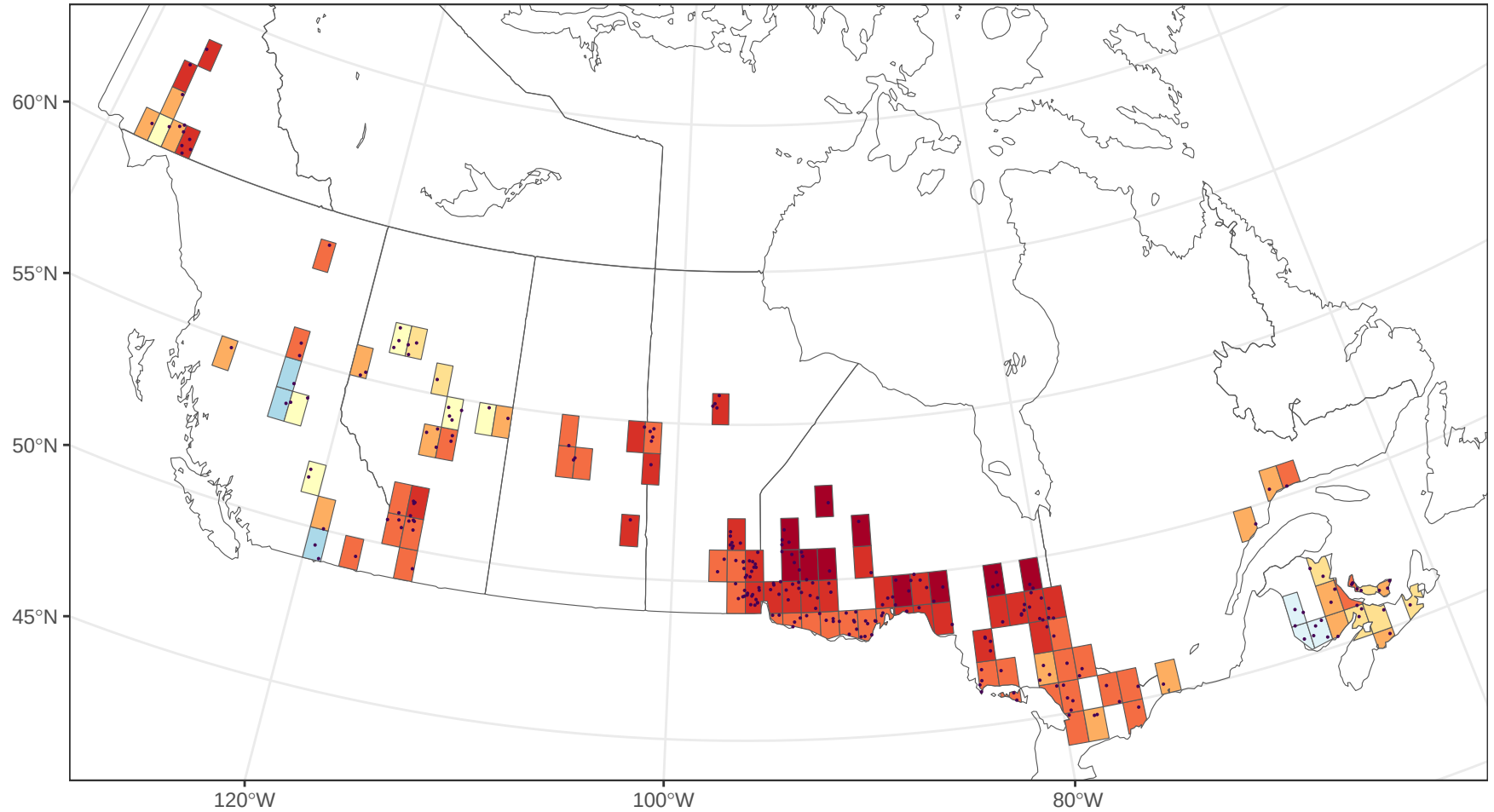
264 Nocturnal Owl Survey routes with 4224 surveys and species observed during 34%
0 BBS routes with 0 surveys and species observed during NA%



Population trends from an integrated analysis of data from Nocturnal Owl Surveys and BBS using a spatially explicit model to estimate annual changes in counts within grid cells and eBird seasonal relative abundance in 2023 to weight local changes based on relative population size.

Boreal Owl Trends across Canada, 2010−2024

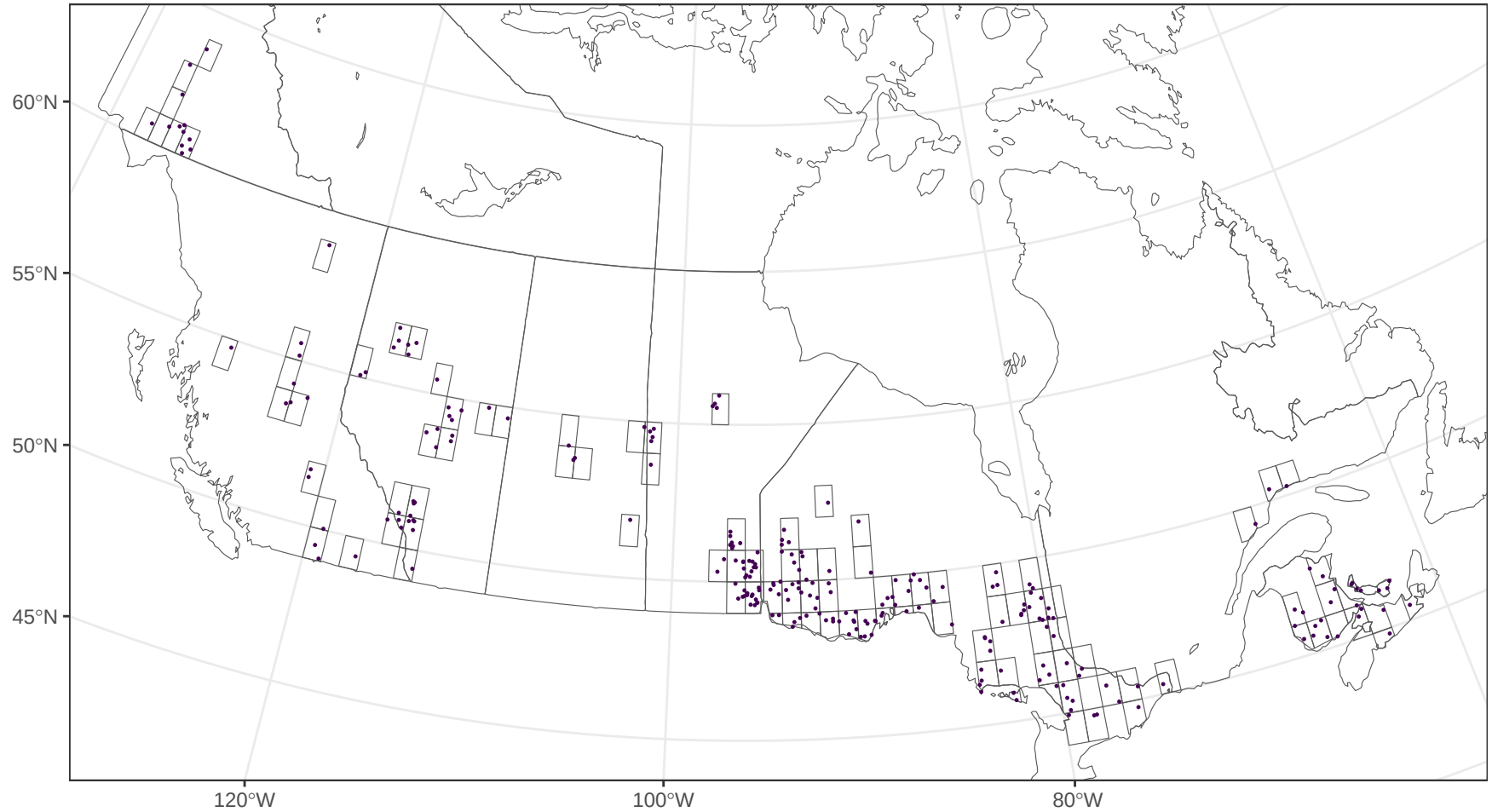
264 Nocturnal Owl Survey routes with 4224 surveys and species observed during 34%
0 BBS routes with 0 surveys and species observed during NA%



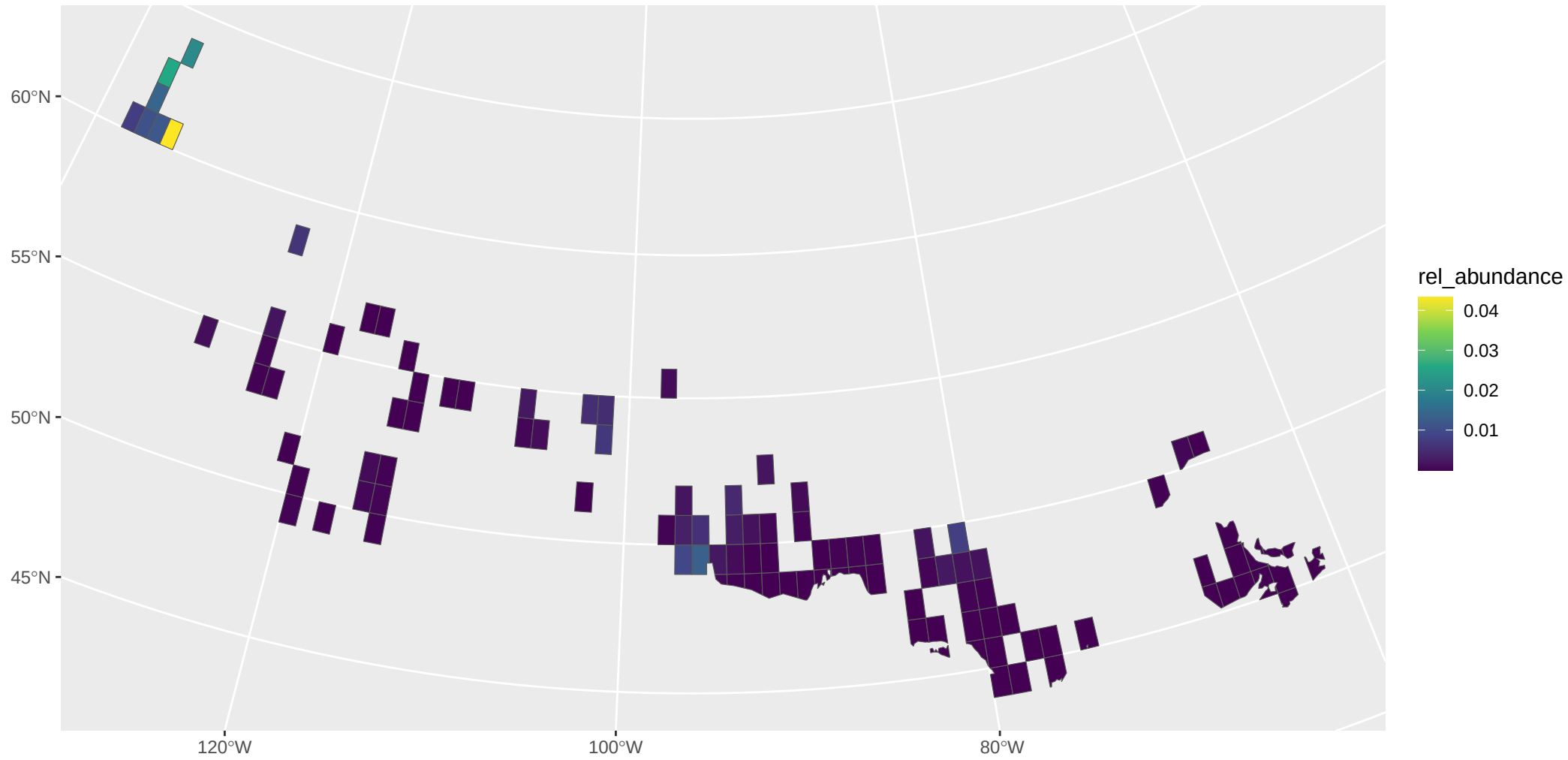
Population trends from an integrated analysis of data from Nocturnal Owl Surveys and BBS using a spatially explicit model to estimate annual changes in counts within grid cells and eBird seasonal relative abundance in 2023 to weight local changes based on relative population size.

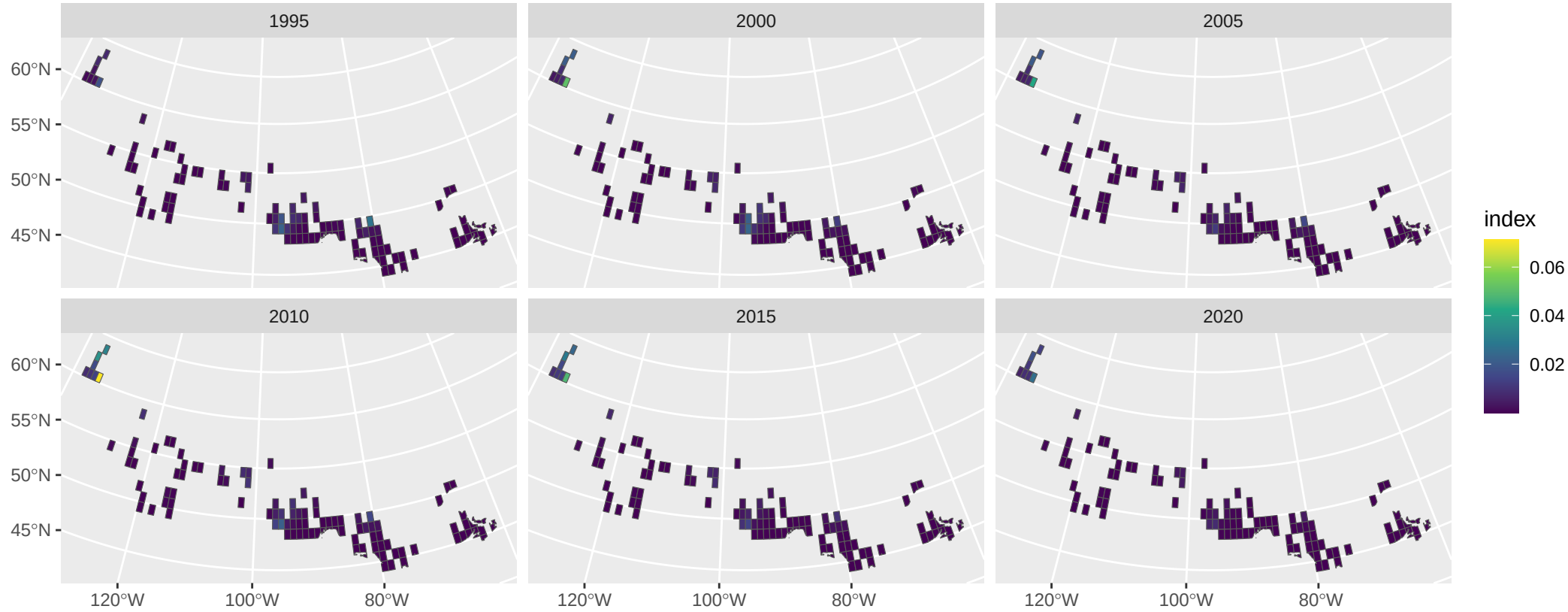
Boreal Owl Survey routes contributing to trends

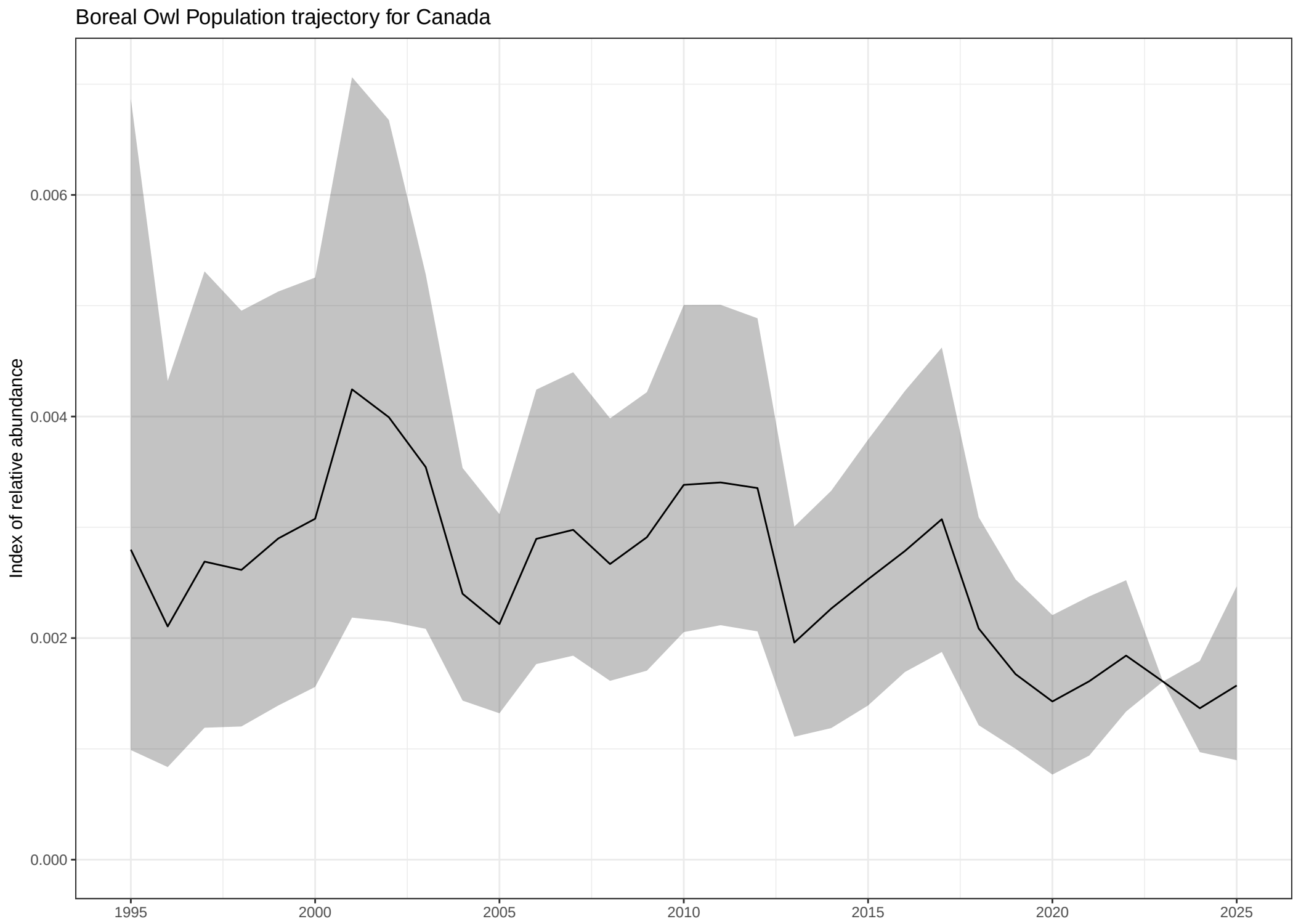
264 Nocturnal Owl Survey routes with 4224 surveys and species observed during 34%
0 BBS routes with 0 surveys and species observed during NA%



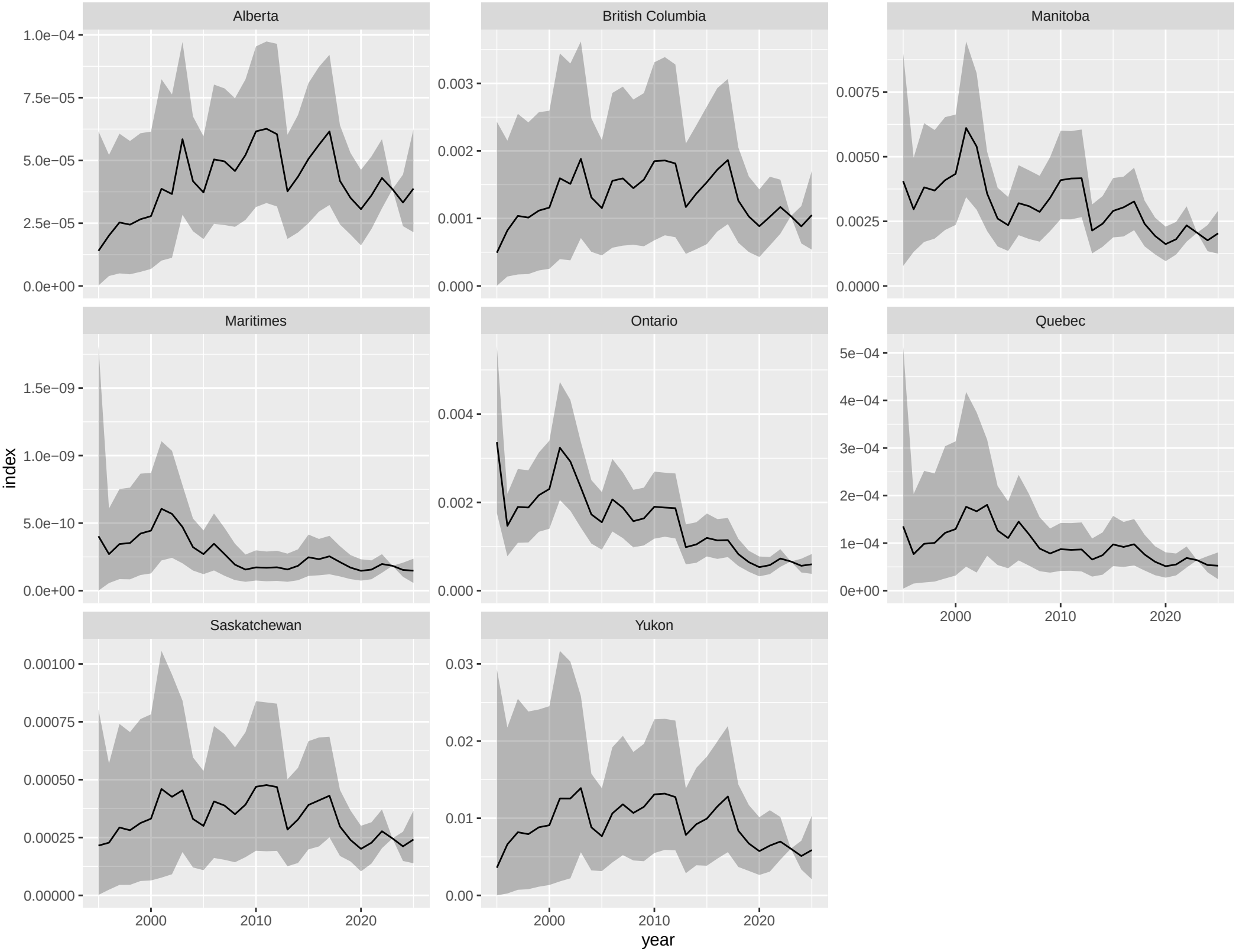
Population trends from an integrated analysis of data from Nocturnal Owl Surveys and BBS using a spatially explicit model to estimate annual changes in counts within grid cells and eBird seasonal relative abundance in 2023 to weight local changes based on relative population size.

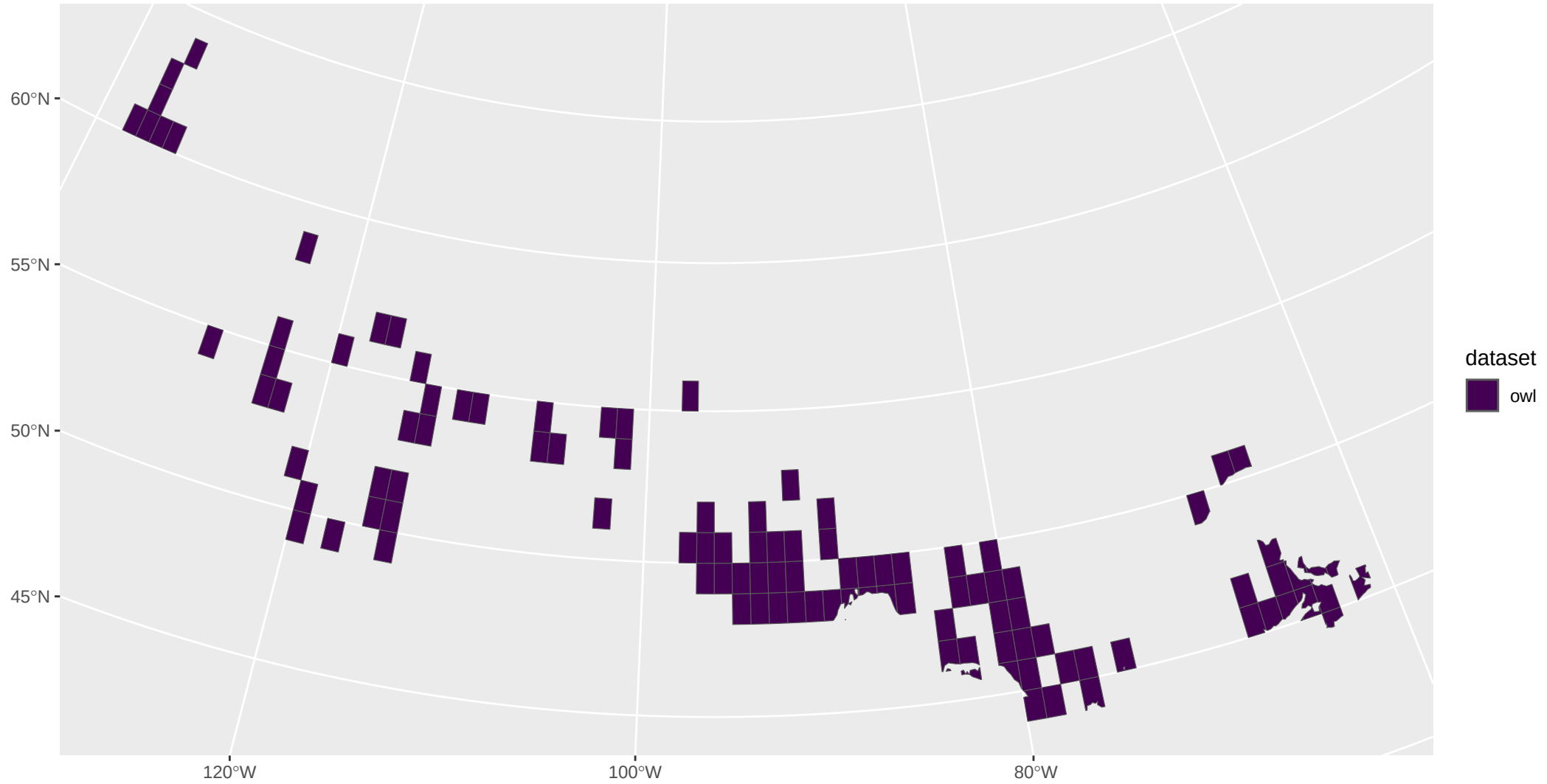

60°N
55°N
50°N
45°N
120°W
100°W
80°W
rel_abundance
0.04
0.03
0.02
0.01


1995
2000
2005
2010
2015
2020
60°N
55°N
50°N
45°N
120°W
100°W
80°W
index
0.06
0.04
0.02



Population trajectory from an integrated analysis of data from Nocturnal Owl Surveys and BBS
using a spatially explicit model to estimate annual changes in counts within grid cells and
eBird seasonal relative abundance in 2023 to weight local changes based on relative population size.


Alberta
British Columbia
Manitoba
Maritimes
Ontario
Quebec
Saskatchewan
Yukon
index
year
1.0e−04
7.5e−05
5.0e−05
2.5e−05
0.0e+00
0.003
0.002
0.001
0.000
0.0075
0.0050
0.0025
0.0000
1.5e−09
1.0e−09
5.0e−10
0.0e+00
0.004
0.002
0.000
5e−04
4e−04
3e−04
2e−04
1e−04
0e+00
0.00100
0.00075
0.00050
0.00025
0.00000
0.03
0.02
0.01
0.00
2000
2010
2020


60°N
55°N
50°N
45°N
120°W
100°W
80°W
dataset
owl