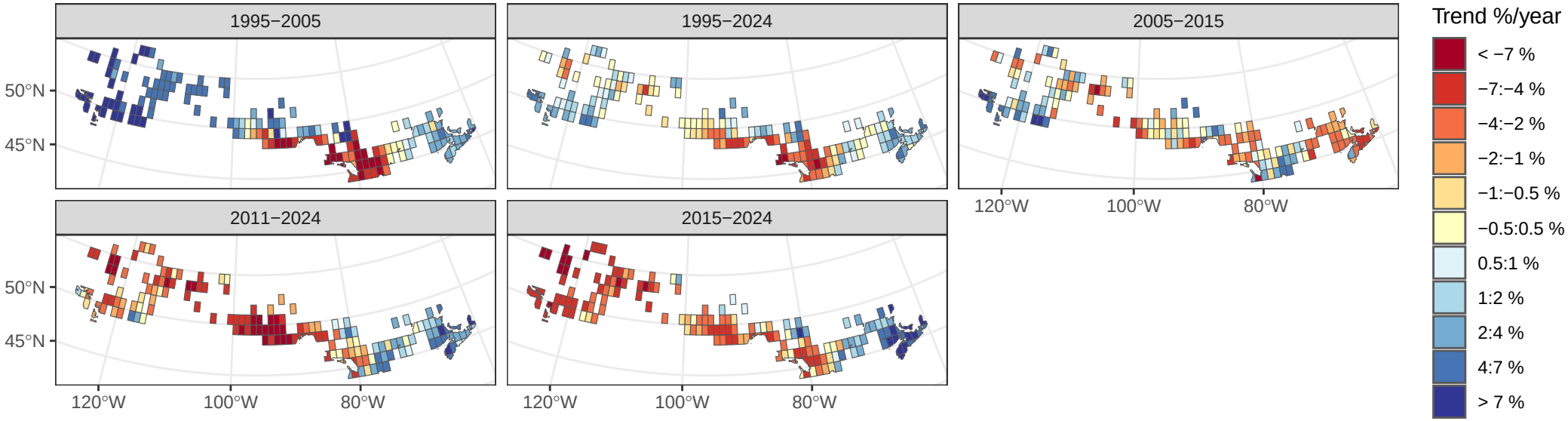
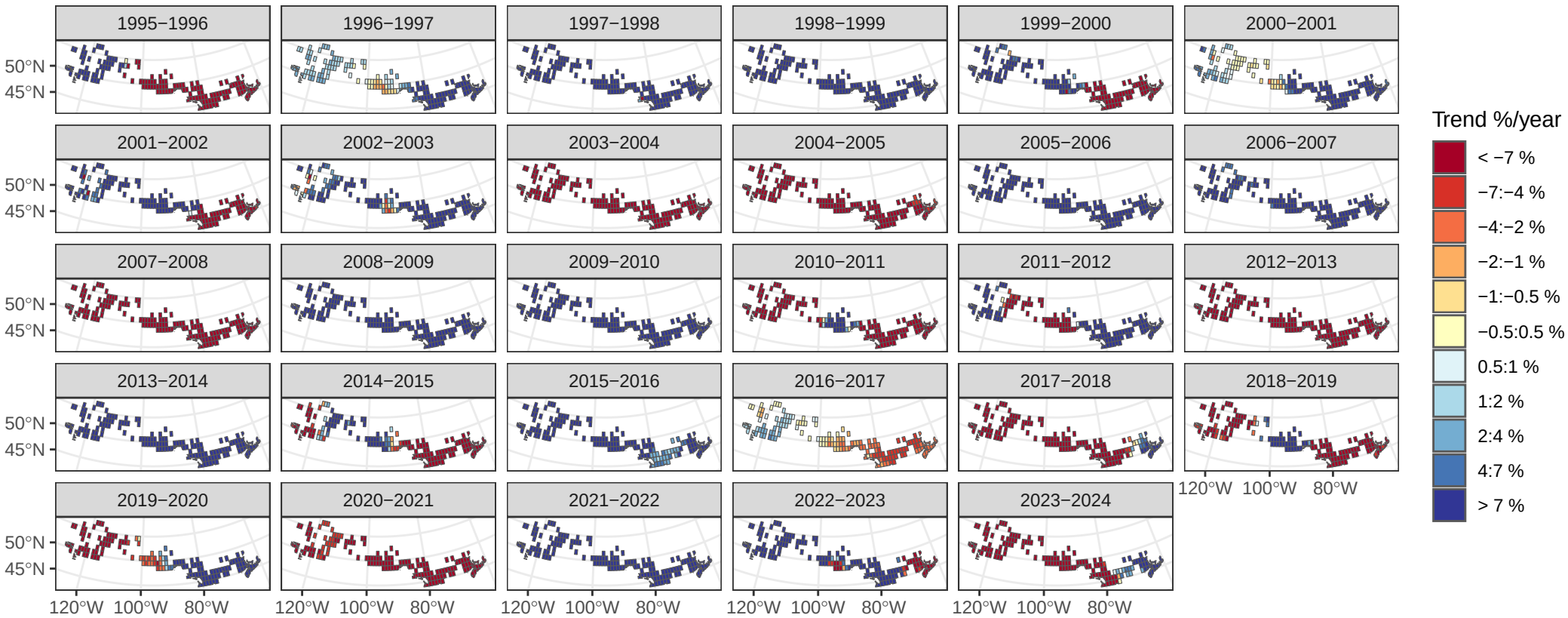

1995−2005
1995−2024
2005−2015
2011−2024
2015−2024
50°N
45°N
120°W
100°W
80°W
Trend %/year
< −7 %
−7:−4 %
−4:−2 %
−2:−1 %
−1:−0.5 %
−0.5:0.5 %
0.5:1 %
1:2 %
2:4 %
4:7 %
> 7 %


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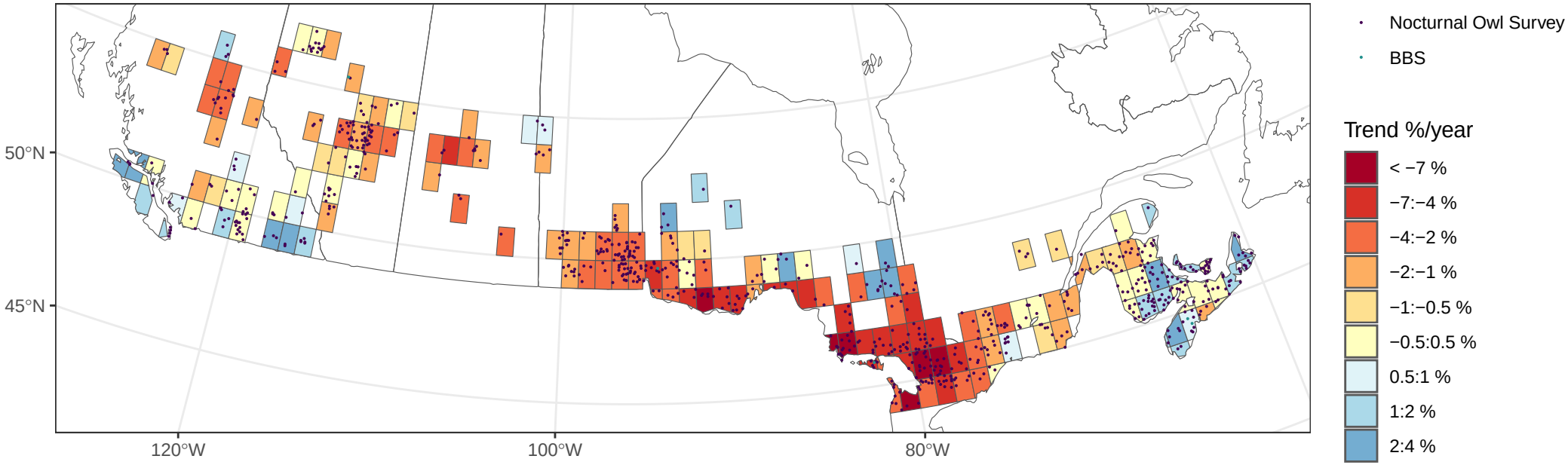
2008–2009
2009–2010
2010–2011
2011–2012
2012–2013
2013–2014
2014–2015
2015–2016
2016–2017
2017–2018
2018–2019
2019–2020
2020–2021
2021–2022
2022–2023
2023–2024
50°N
45°N
120°W
100°W
80°W
Trend %/year
< −7 %
−7:−4 %
−4:−2 %
−2:−1 %
−1:−0.5 %
−0.5:0.5 %
0.5:1 %
1:2 %
2:4 %
4:7 %
> 7 %

Northern Saw−whet Owl Trends across Canada, 1995−2024

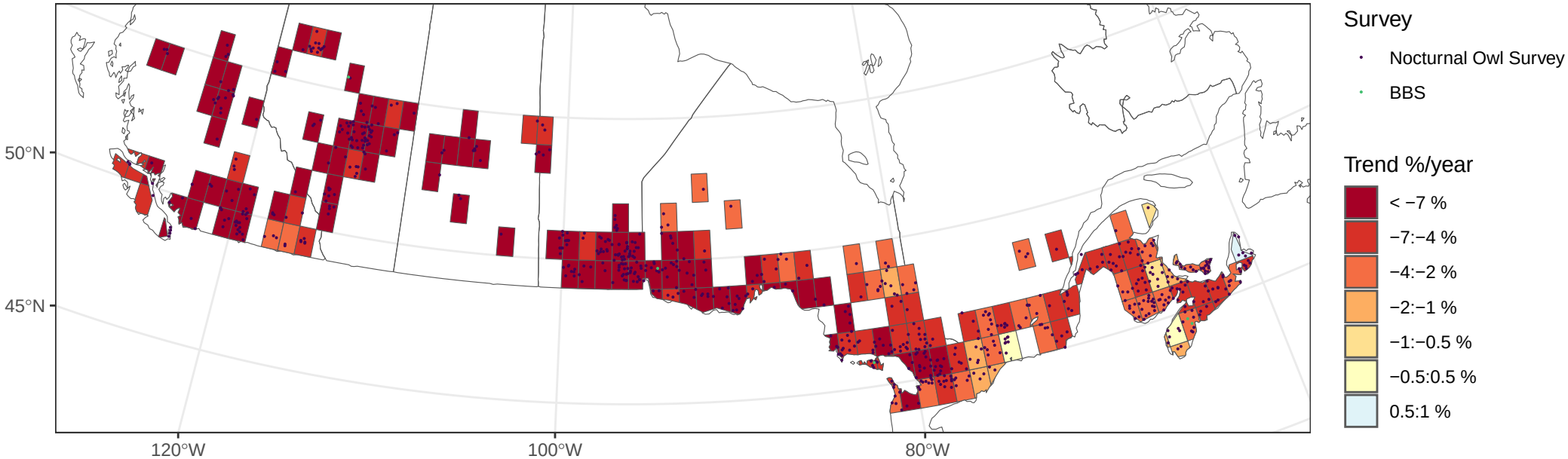
759 Nocturnal Owl Survey routes with 10919 surveys and species observed during 45%
5 BBS routes with 116 surveys and species observed during 9%



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.

Northern Saw−whet Owl Trends across Canada, 2010−2024

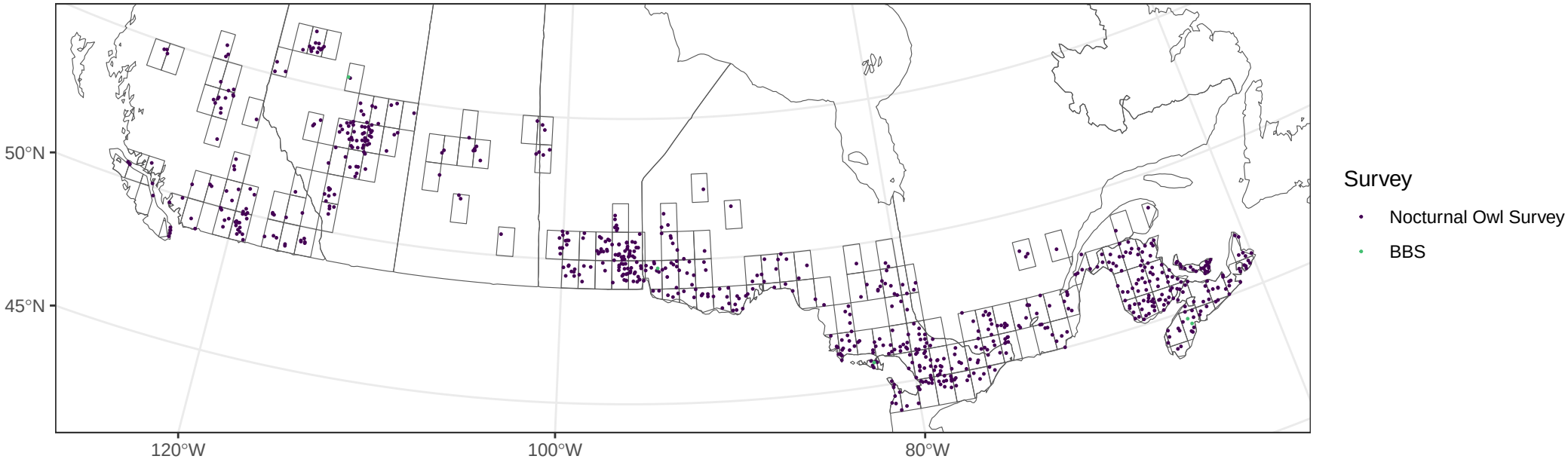
759 Nocturnal Owl Survey routes with 10919 surveys and species observed during 45%
5 BBS routes with 116 surveys and species observed during 9%



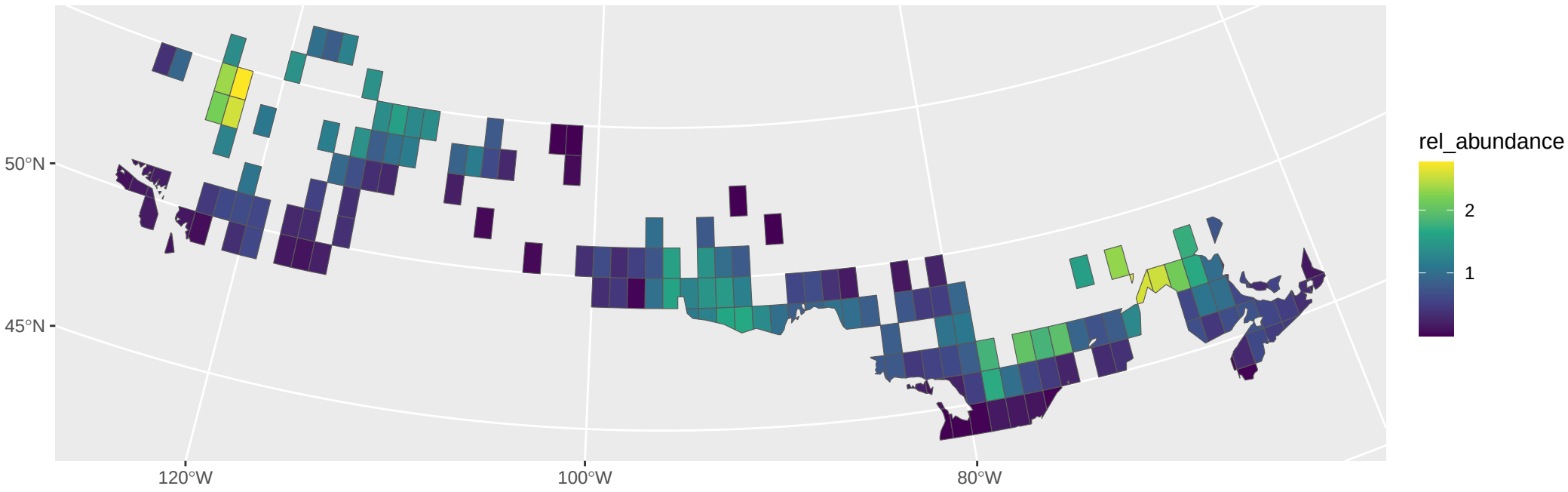
Population trends from an integrated analysis of data from Nocturnal Owl Surveys and BBS using a spatially explicit model to estimate annual changes in counts within grid cells and eBird seasonal relative abundance in 2023 to weight local changes based on relative population size.

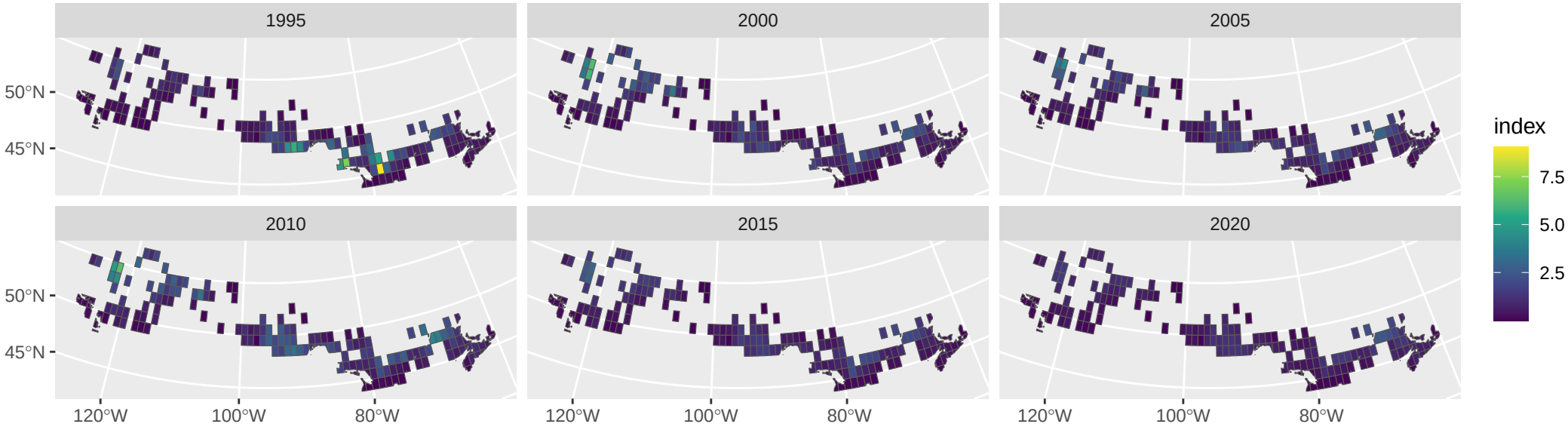
Northern Saw−whet Owl Survey routes contributing to trends

759 Nocturnal Owl Survey routes with 10919 surveys and species observed during 45%
5 BBS routes with 116 surveys and species observed during 9%

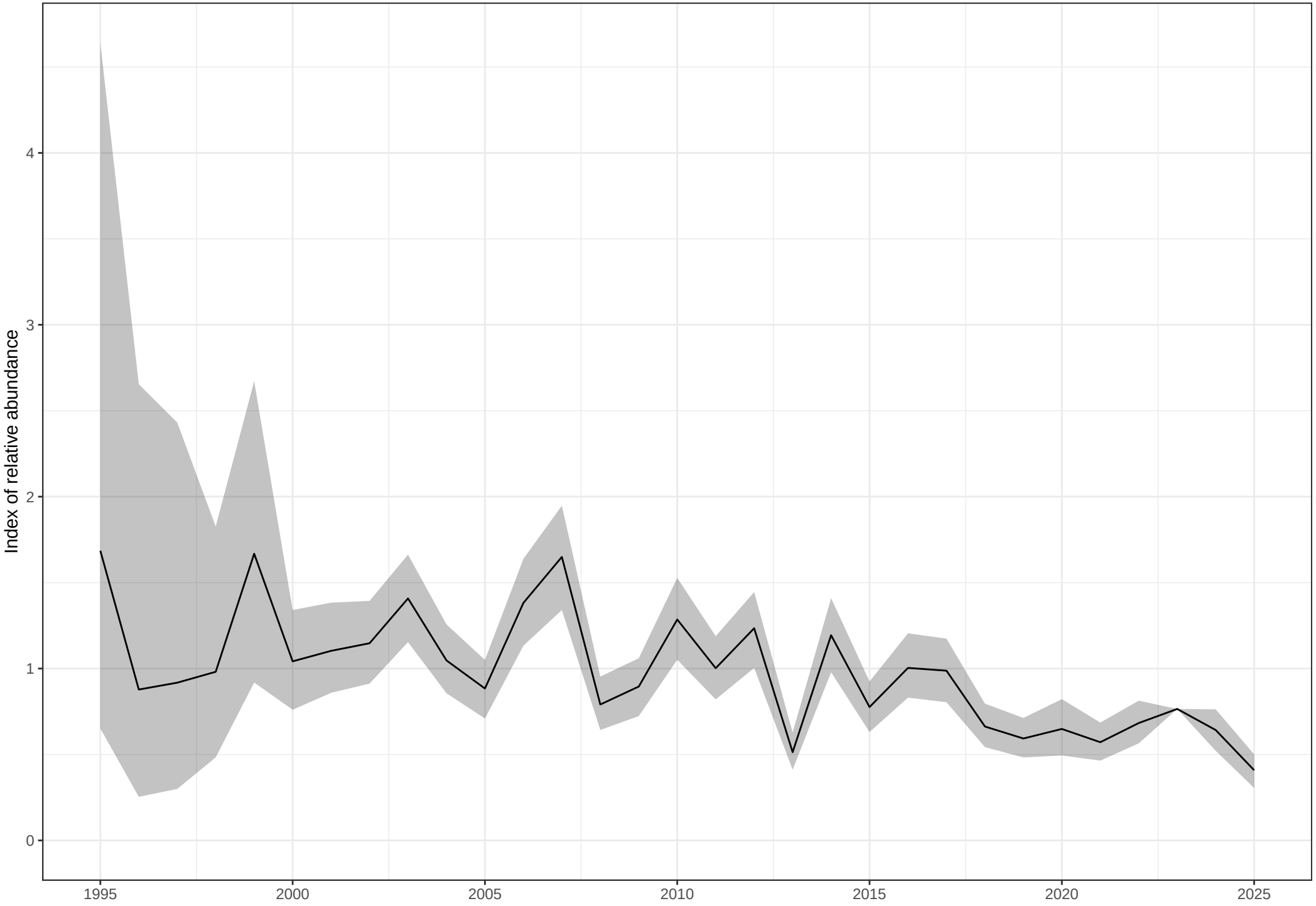


Population trends from an integrated analysis of data from Nocturnal Owl Surveys and BBS using a spatially explicit model to estimate annual changes in counts within grid cells and eBird seasonal relative abundance in 2023 to weight local changes based on relative population size.

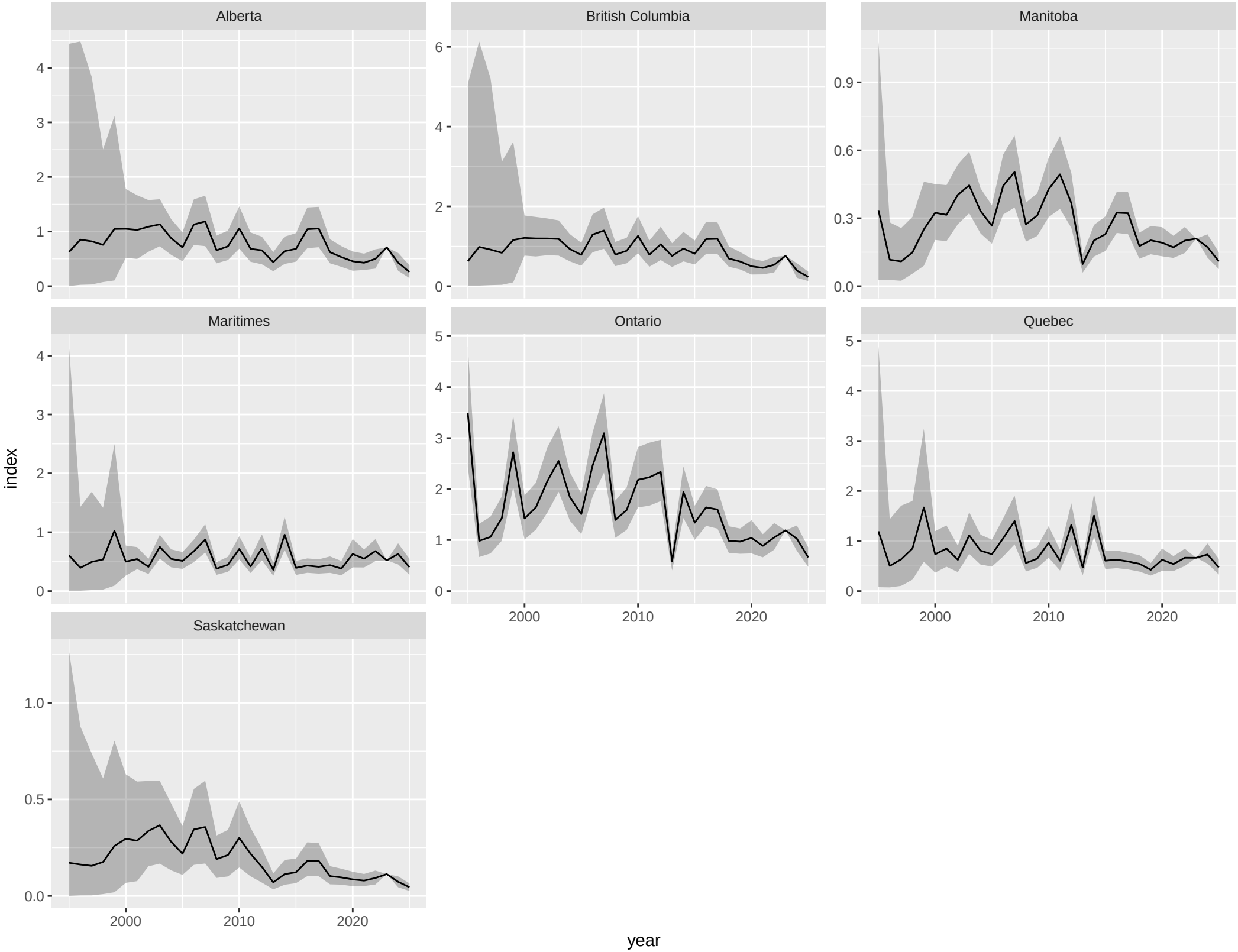

50°N
45°N
120°W
100°W
80°W
rel_abundance
2
1

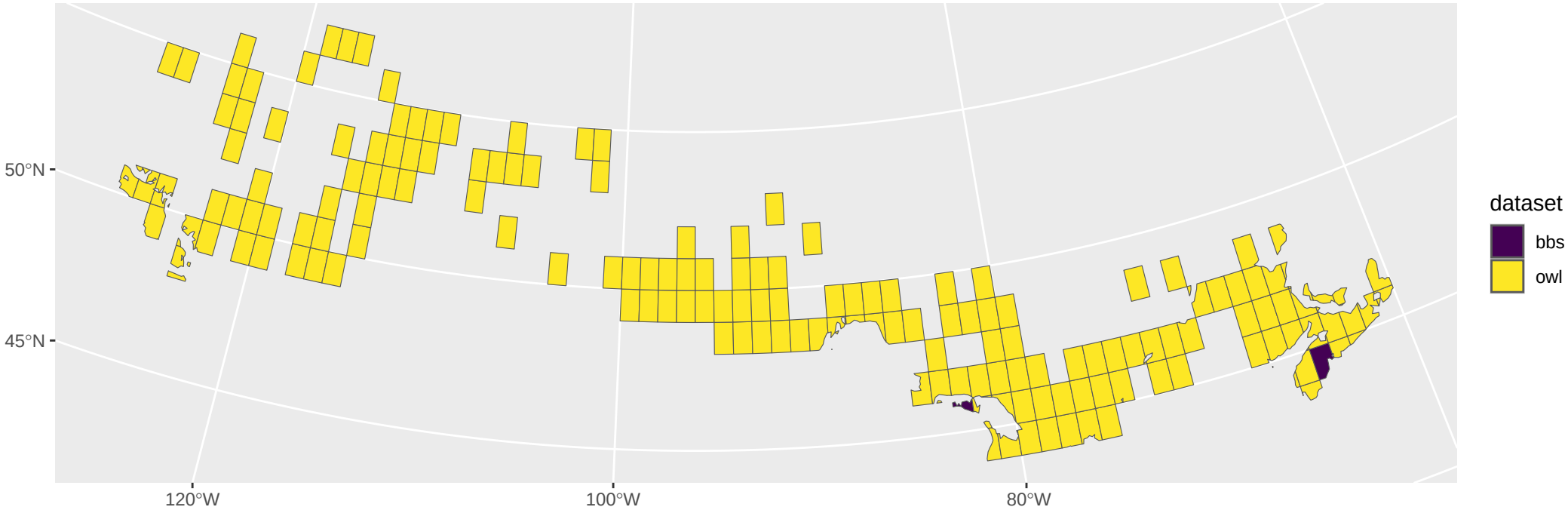

1995
2000
2005
2010
2015
2020
50°N
45°N
120°W
100°W
80°W
index
7.5
5.0
2.5

Northern Saw−whet Owl Population trajectory for Canada



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
index
year
0
1
2
3
4
5
6
0.0
0.3
0.6
0.9
0.5
1.0
2000
2010
2020


50°N
45°N
120°W
100°W
80°W
dataset
bbs
owl