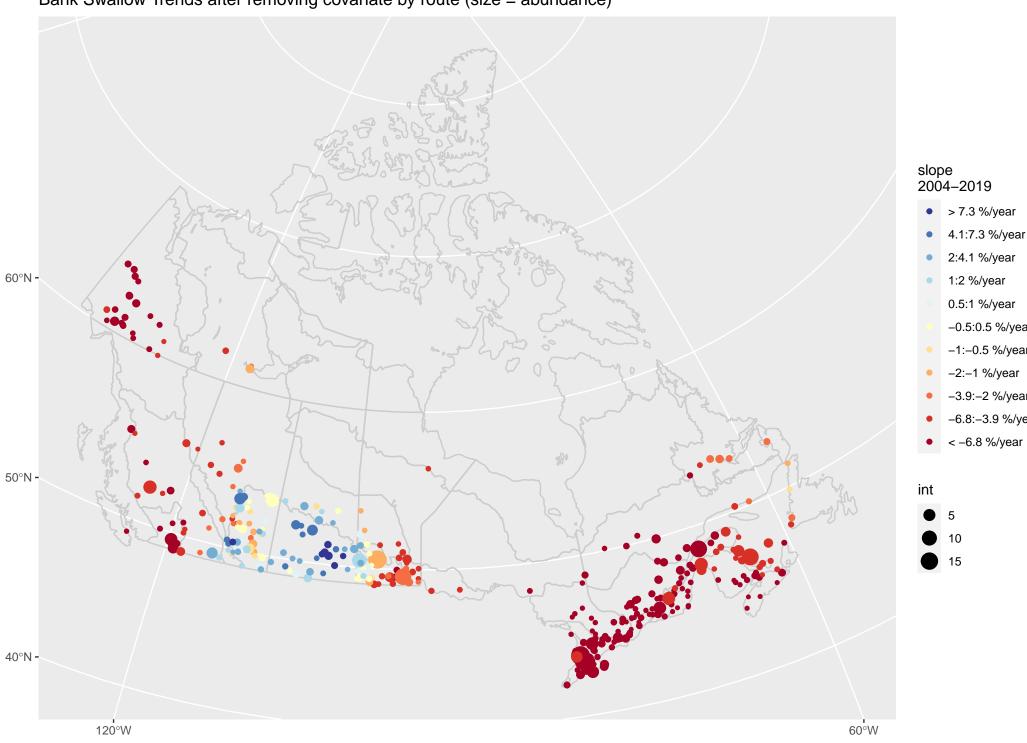
Bank Swallow Trends after removing covariate by route (size = abundance)

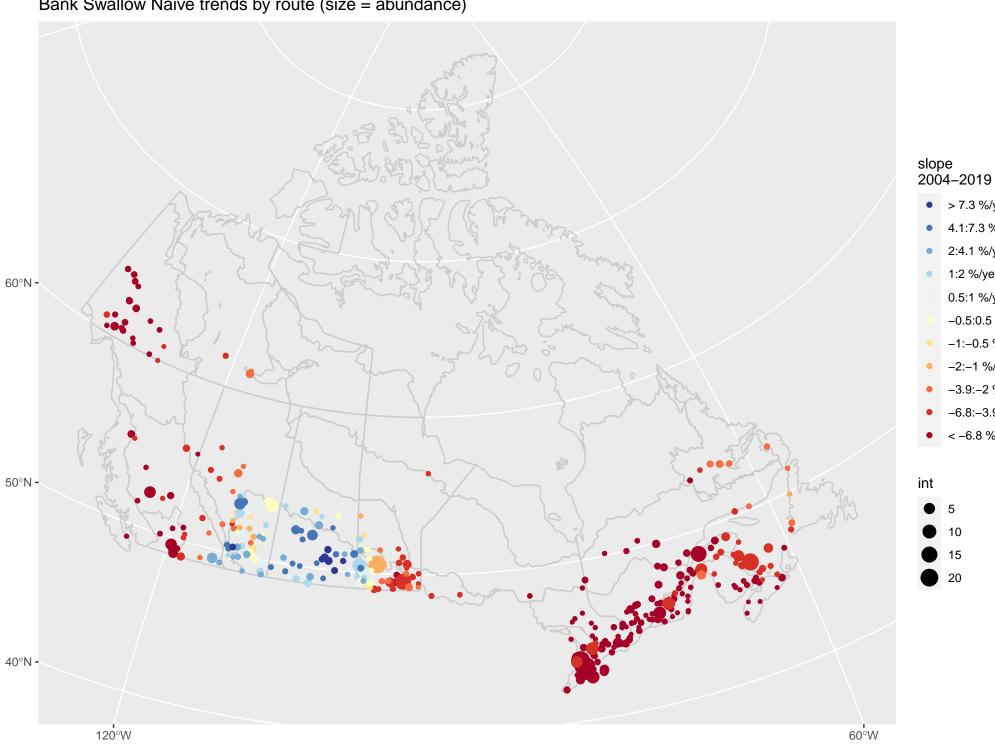


2:4.1 %/year

1:2 %/year 0.5:1 %/year -0.5:0.5 %/year -1:-0.5 %/year -2:-1 %/year -3.9:-2 %/year -6.8:-3.9 %/year

15

Bank Swallow Naive trends by route (size = abundance)



• > 7.3 %/year 4.1:7.3 %/year 2:4.1 %/year 1:2 %/year

> 0.5:1 %/year -0.5:0.5 %/year -1:-0.5 %/year -2:-1 %/year -3.9:-2 %/year -6.8:-3.9 %/year < -6.8 %/year

20

Bank Swallow Effect of covariate on trend (, size = abundance)

