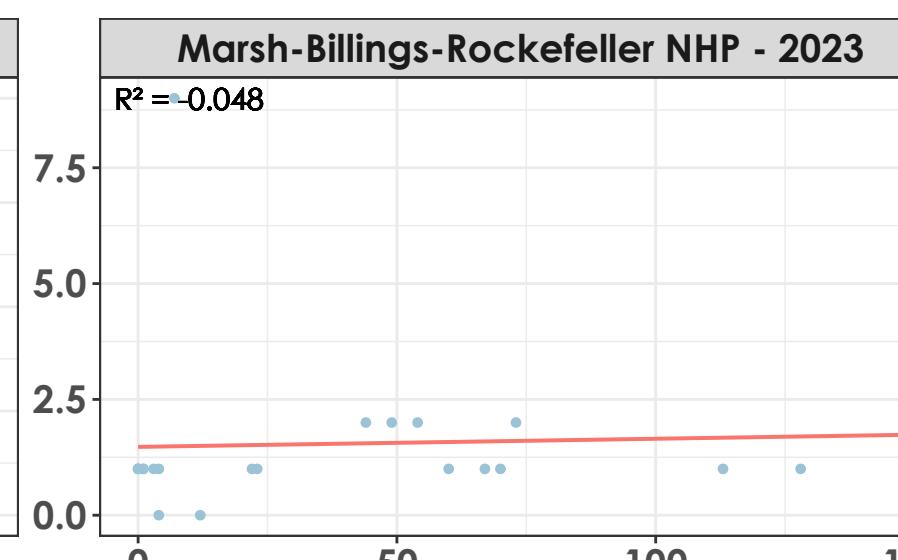
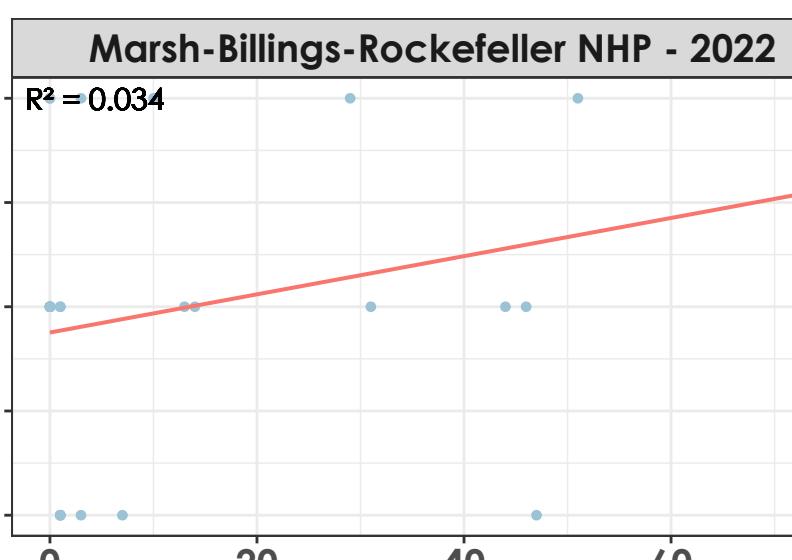
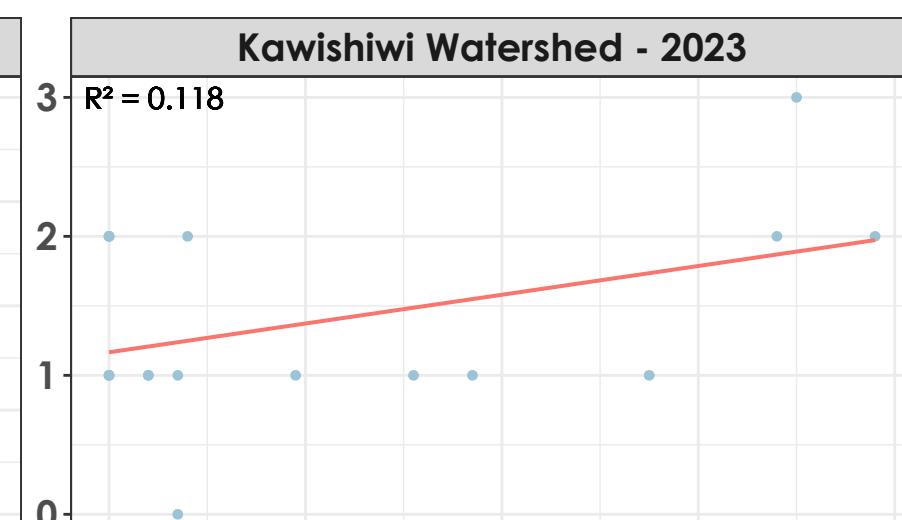
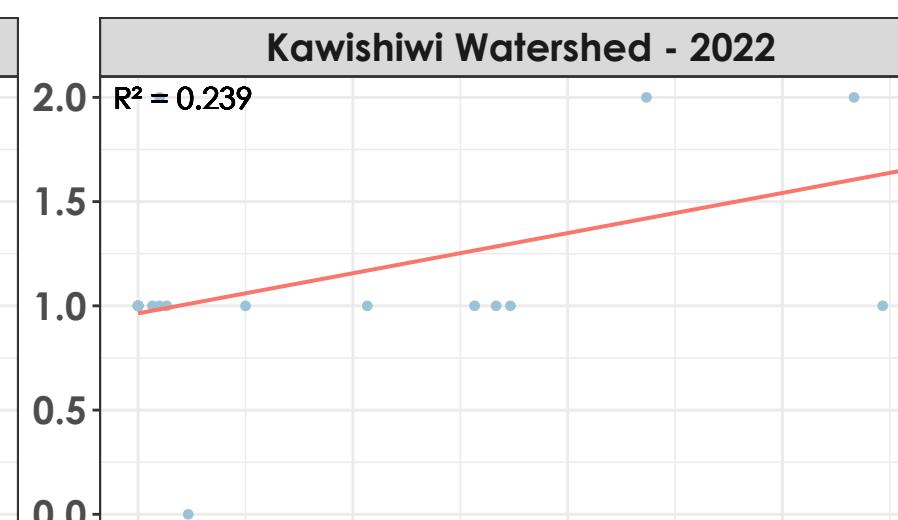
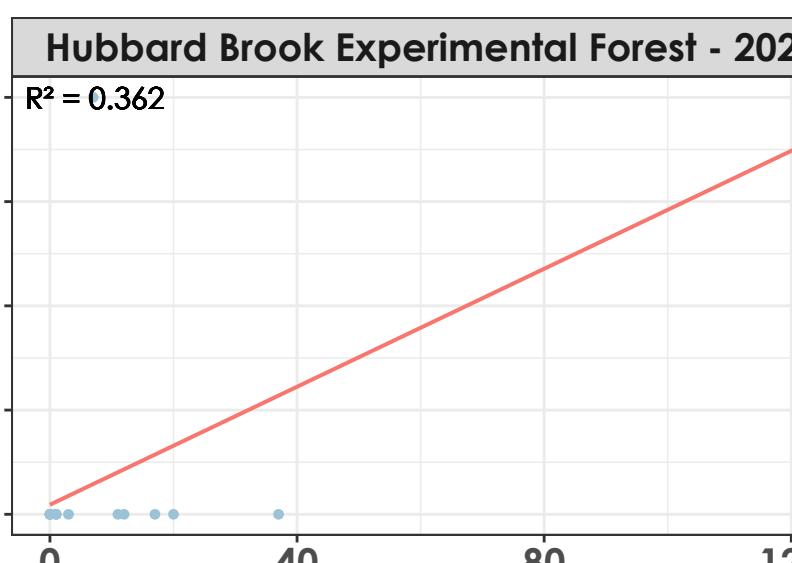
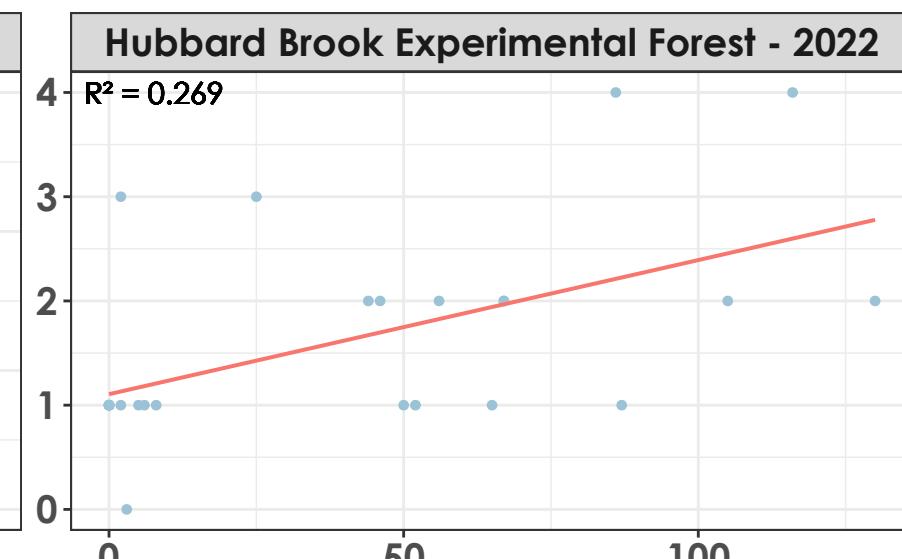
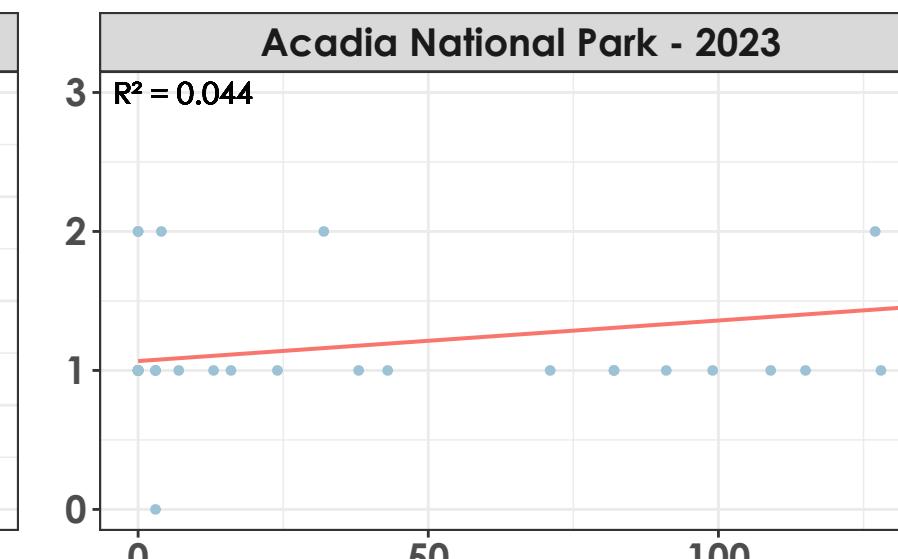
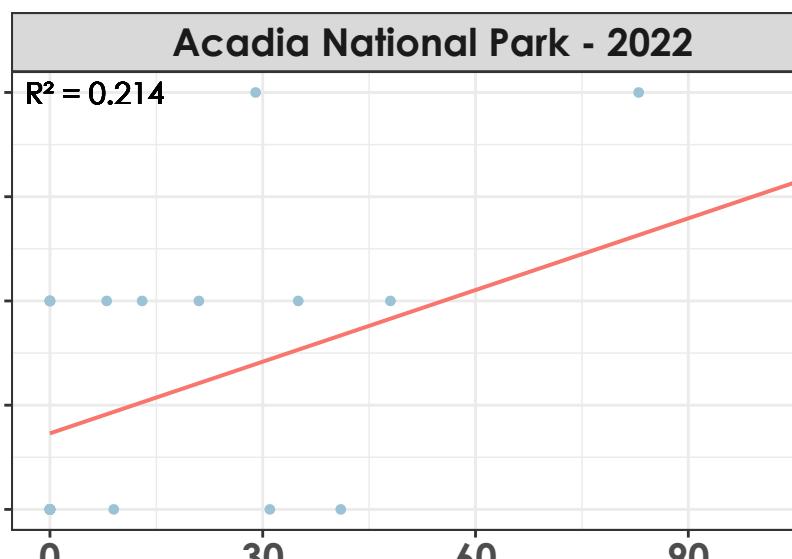
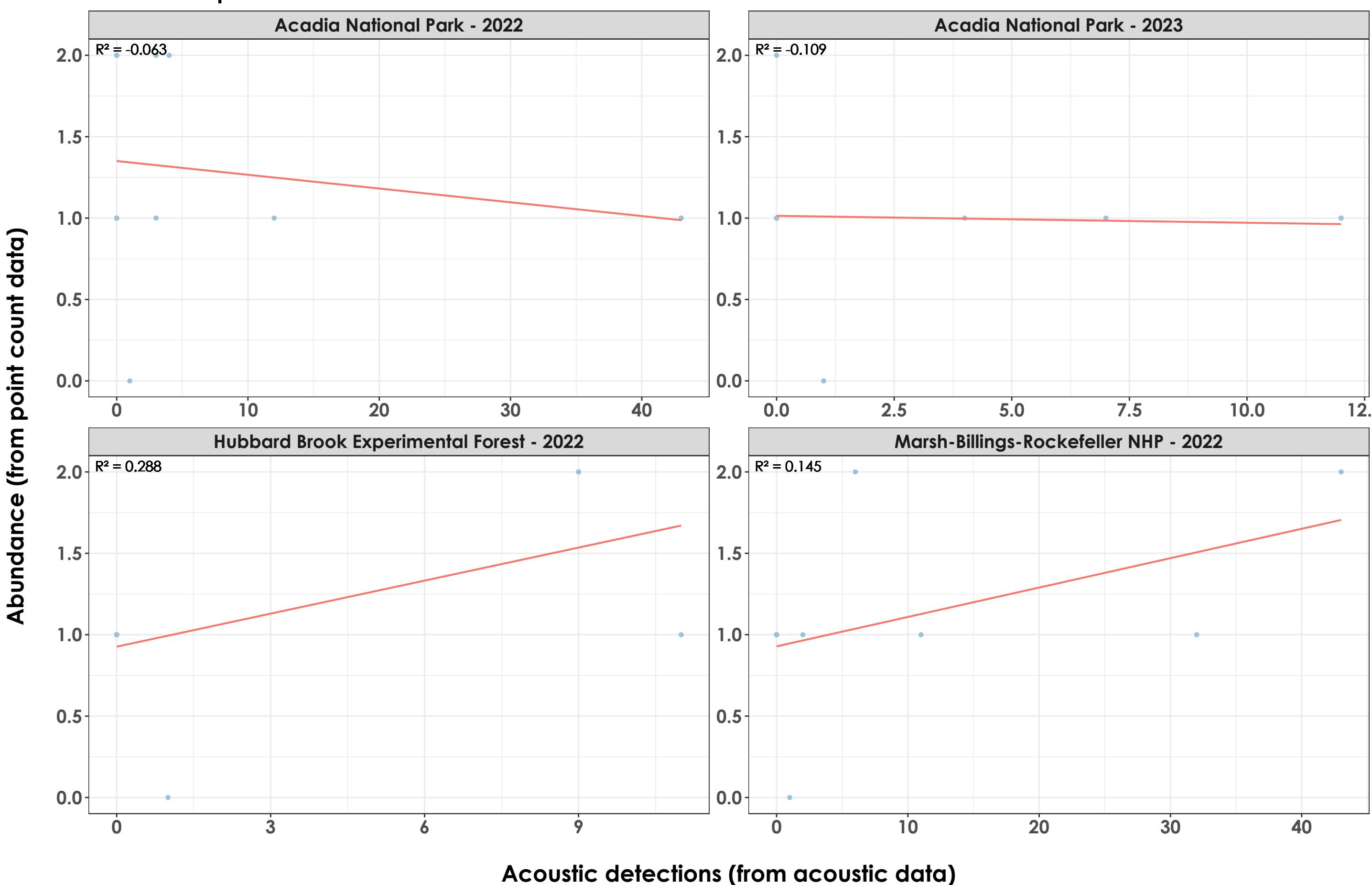


# Hermit Thrush

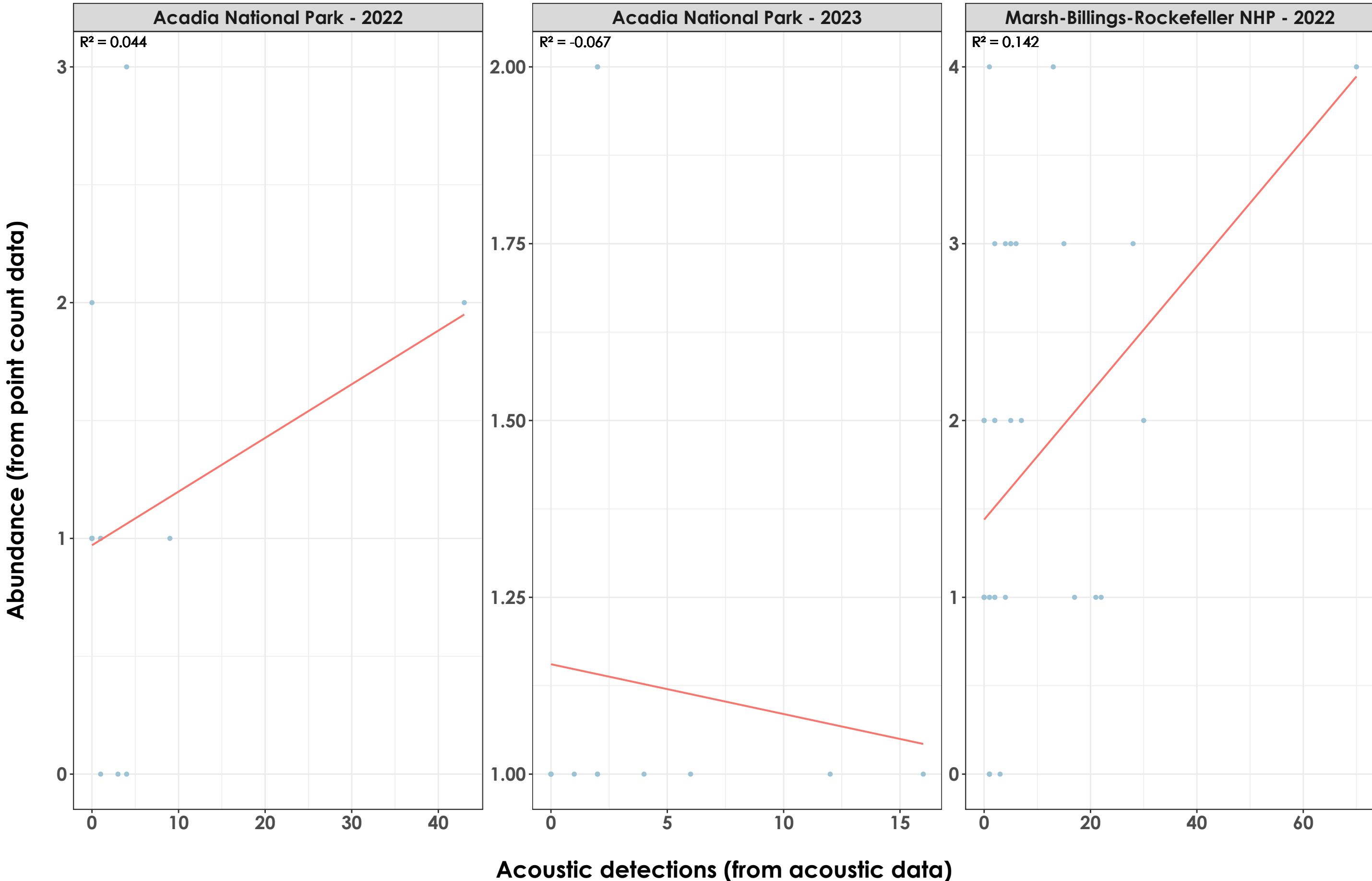


## Acoustic detections (from acoustic data)

# Brown Creeper

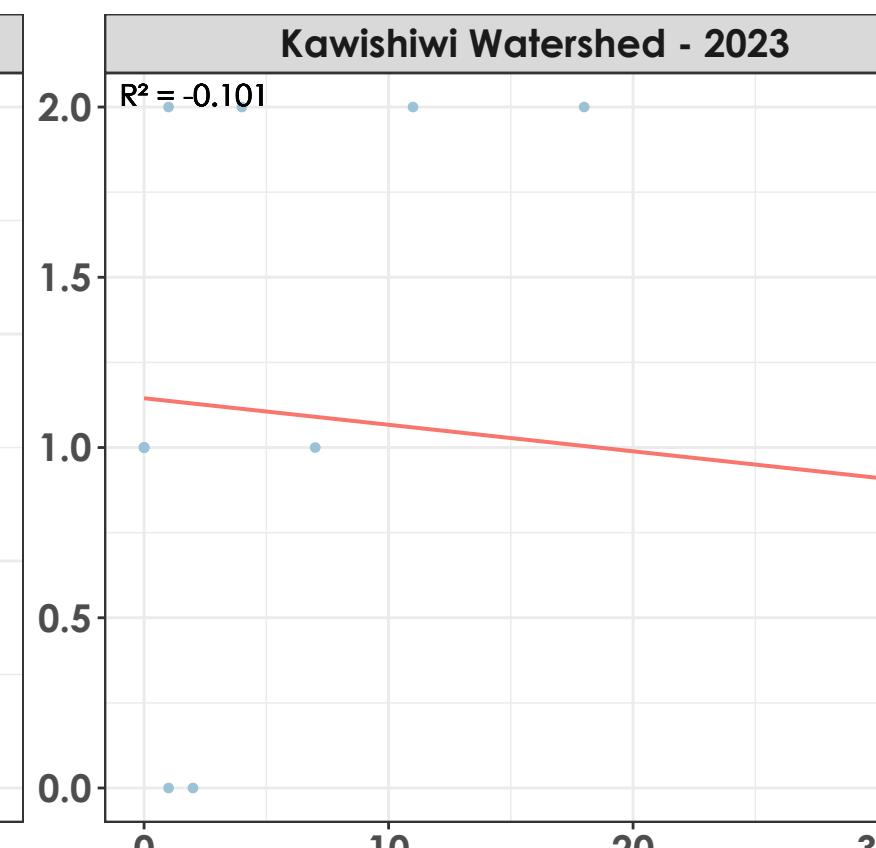
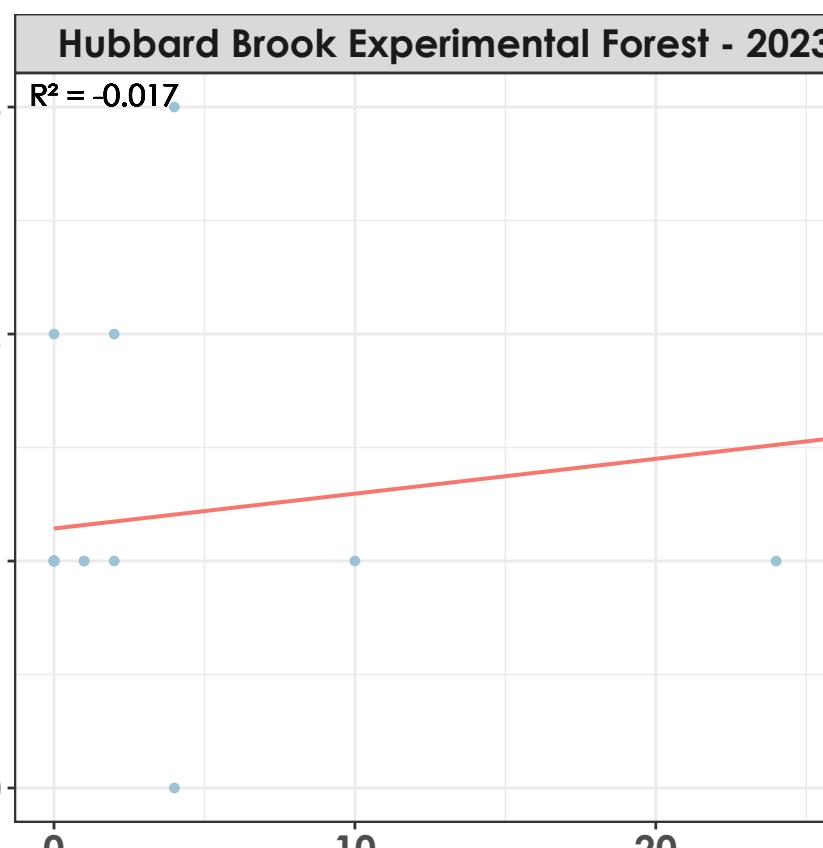
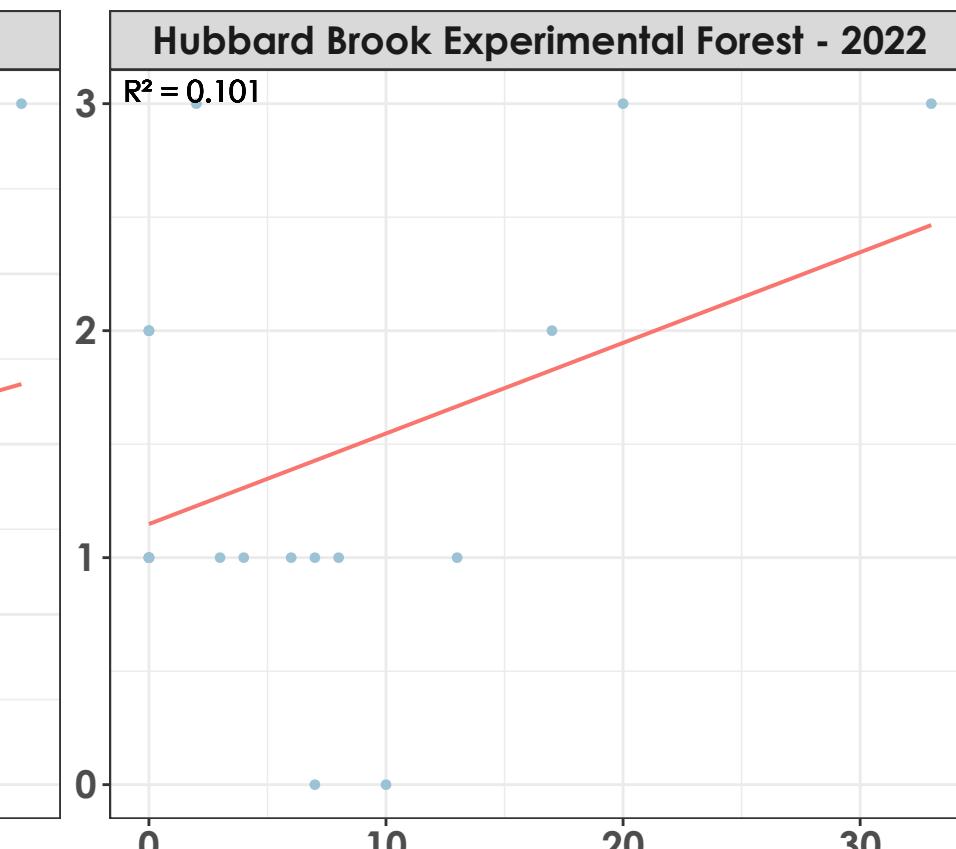
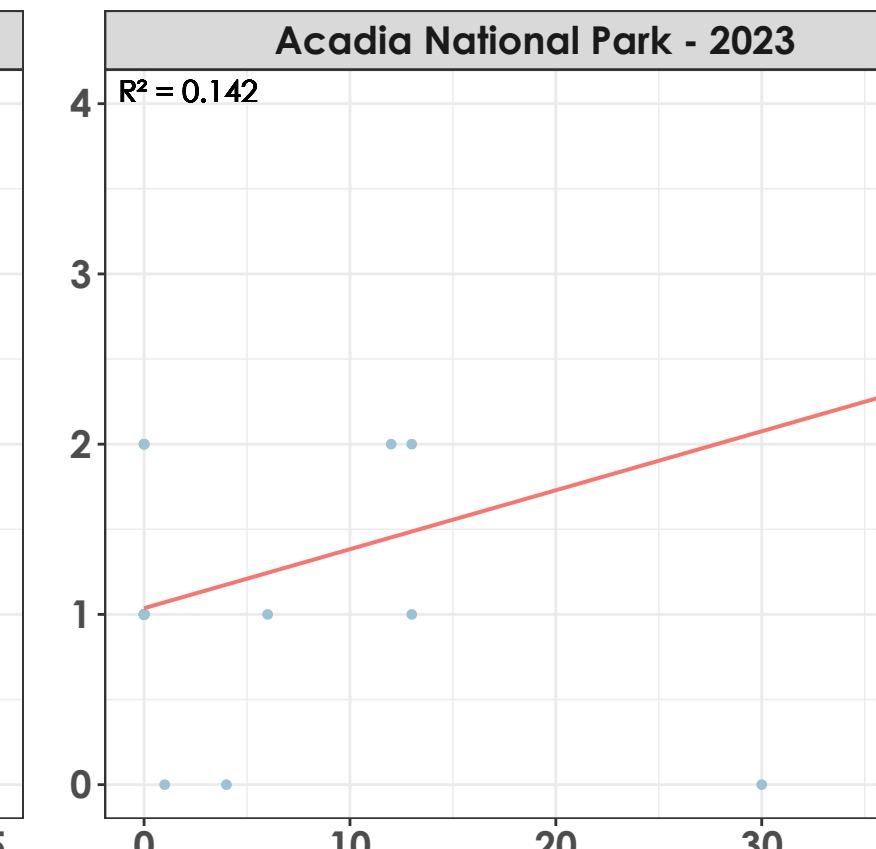
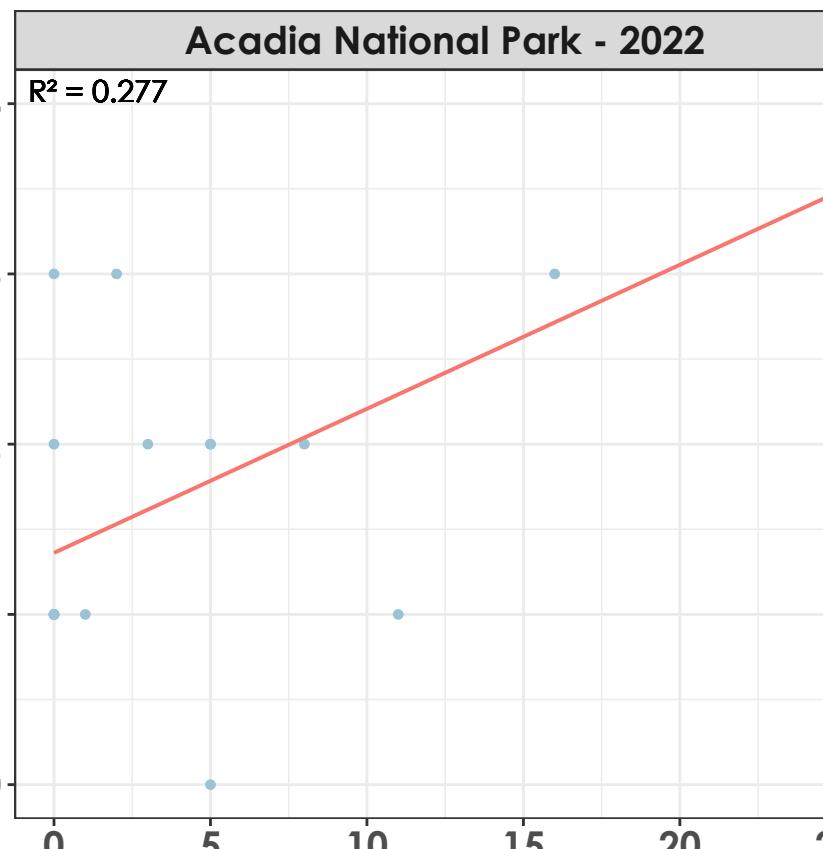


# American Crow



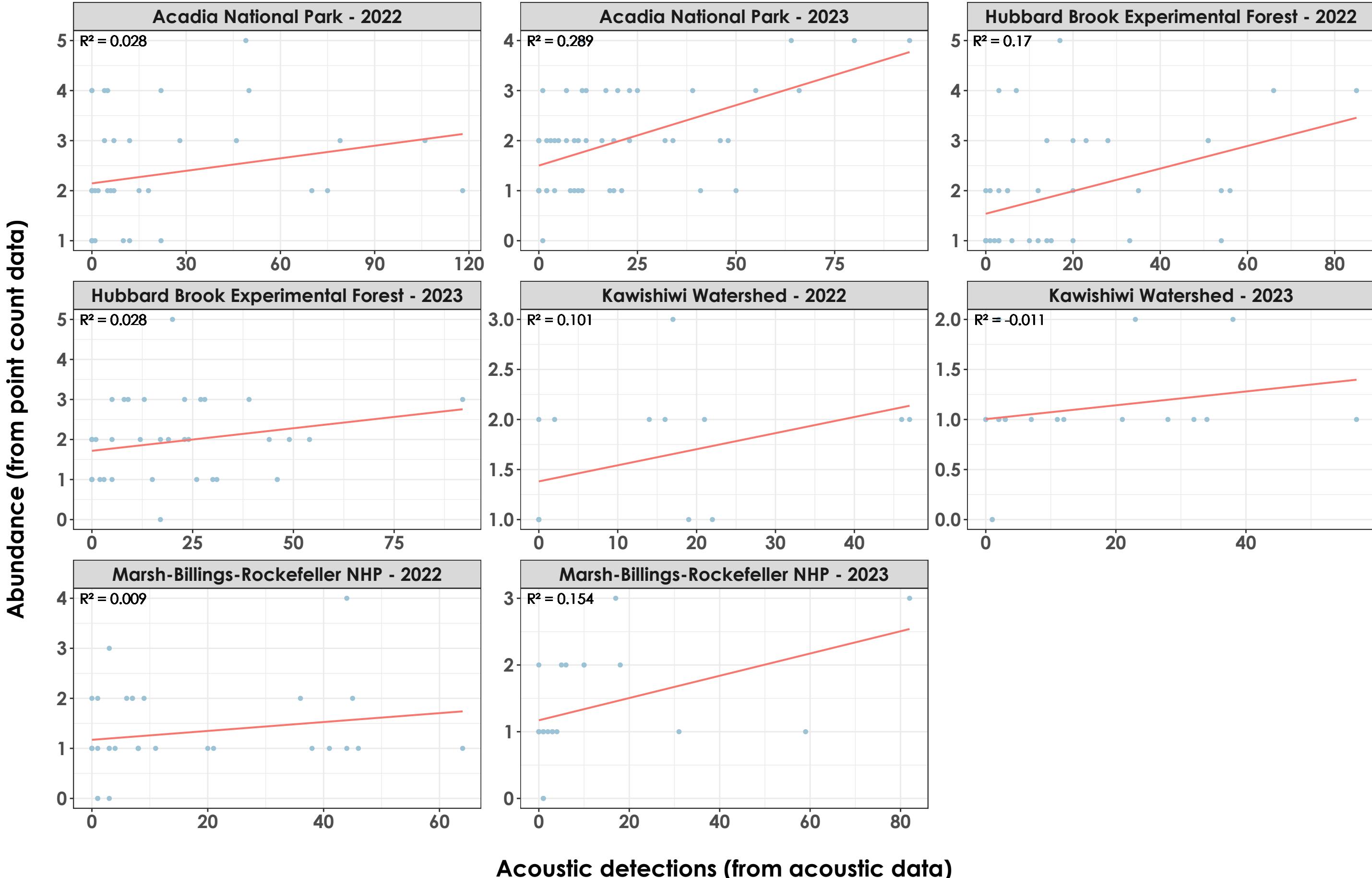
# Yellow-rumped Warbler

Abundance (from point count data)

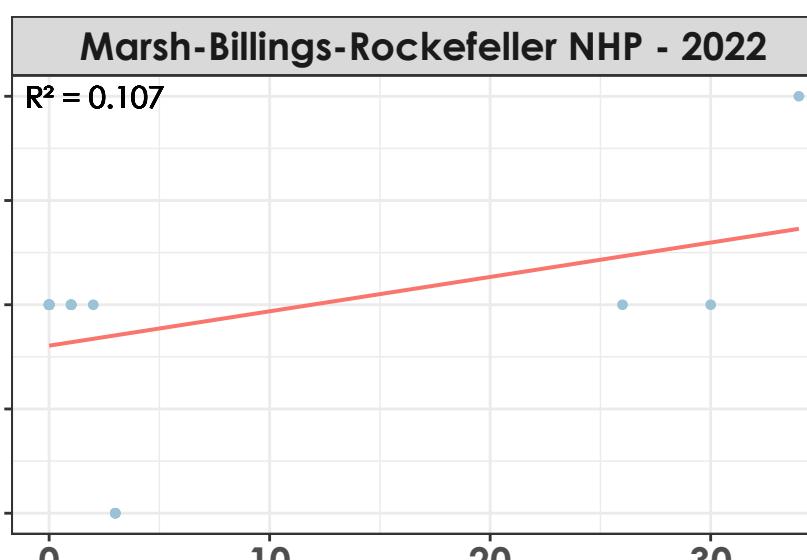
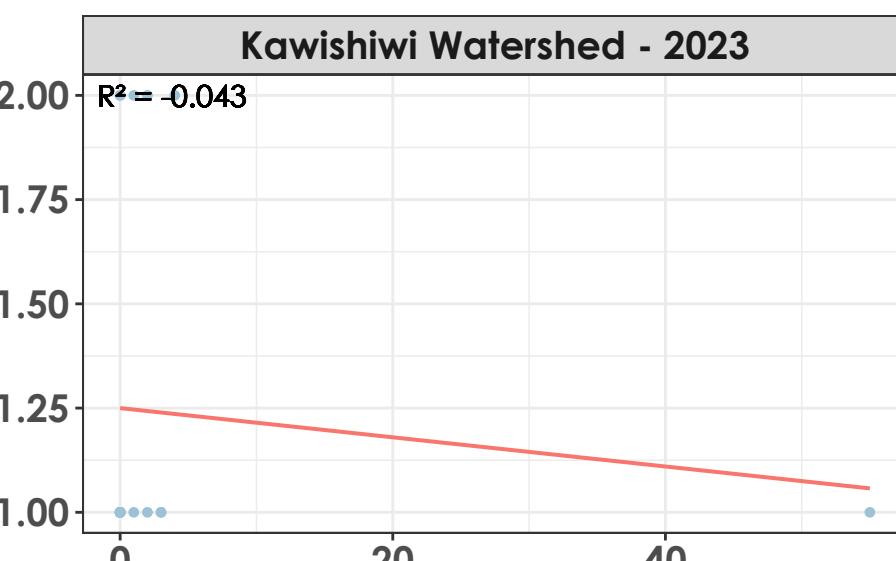
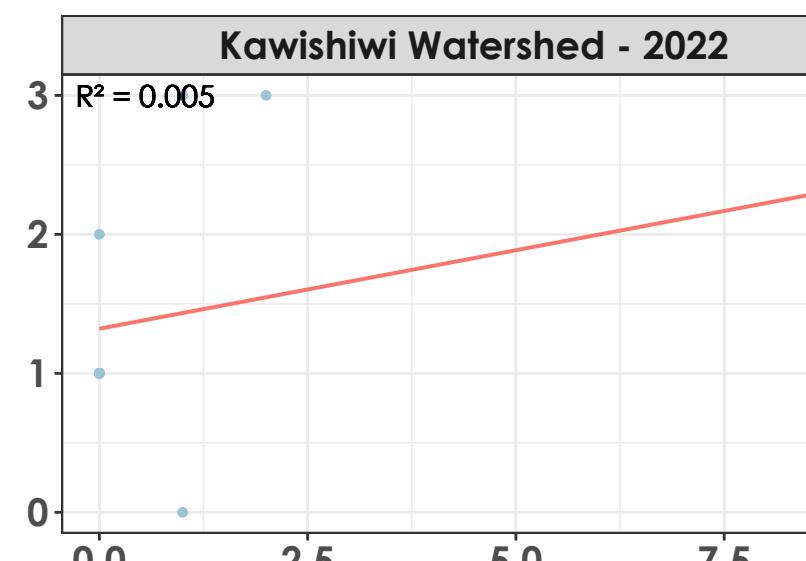
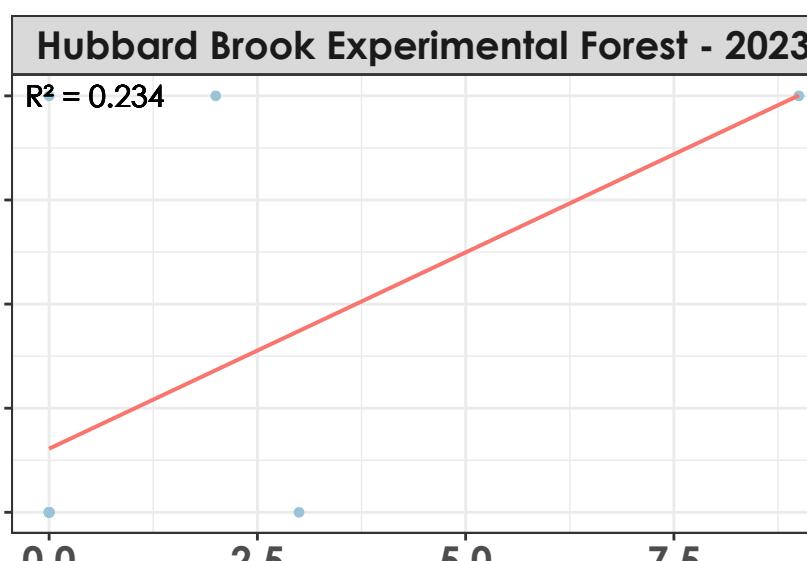
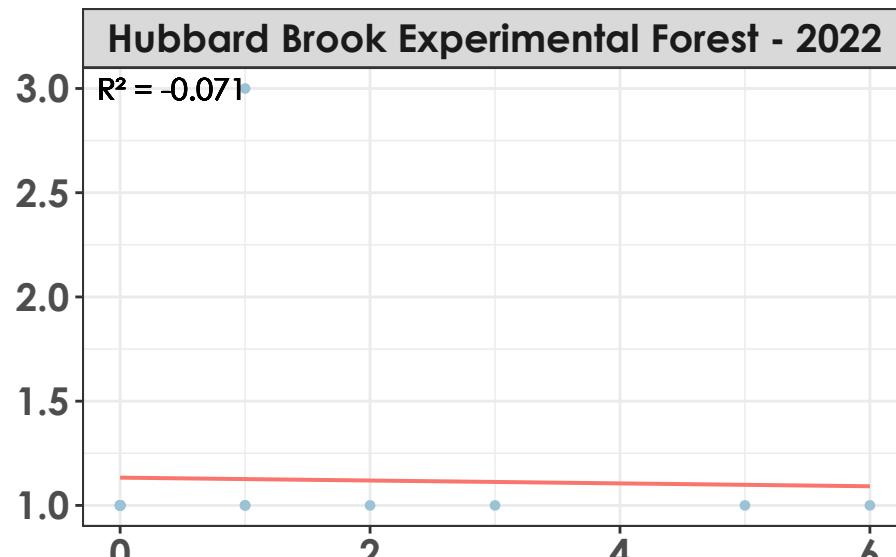
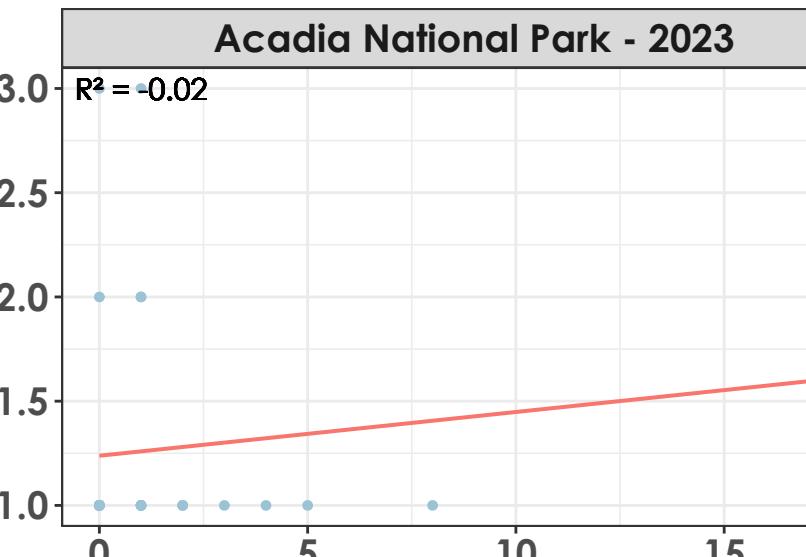
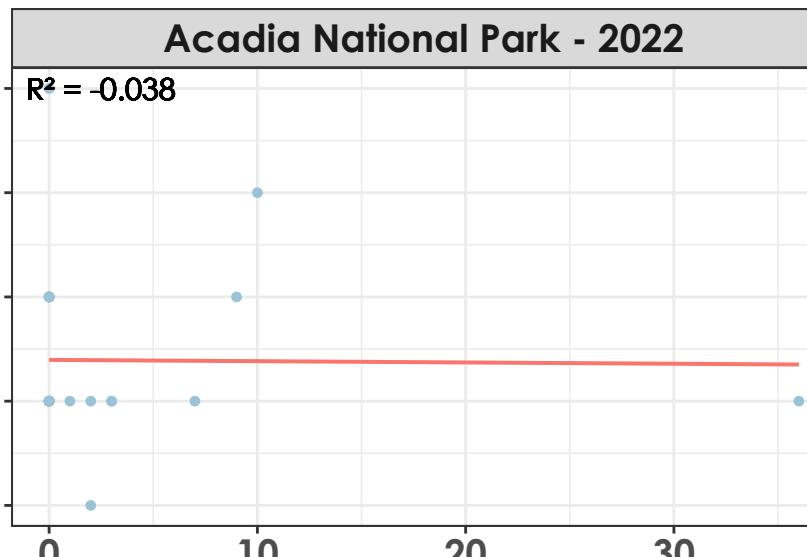


Acoustic detections (from acoustic data)

## **Black-throated Green Warbler**



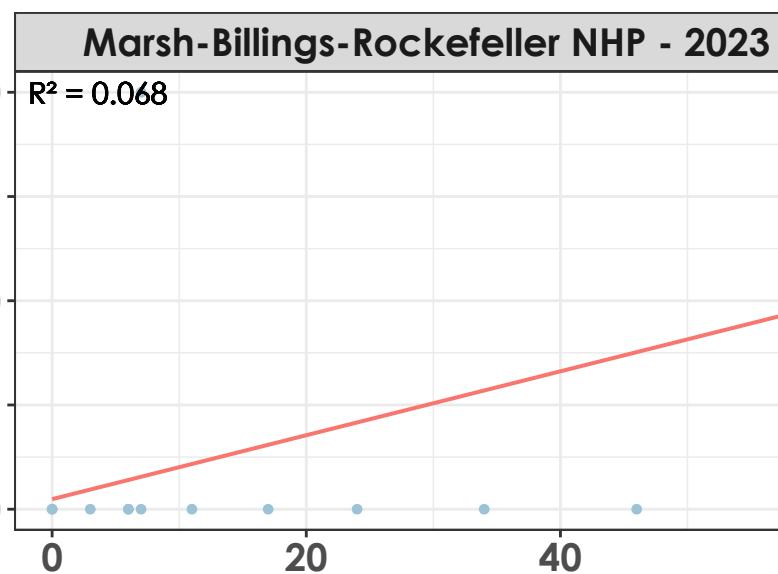
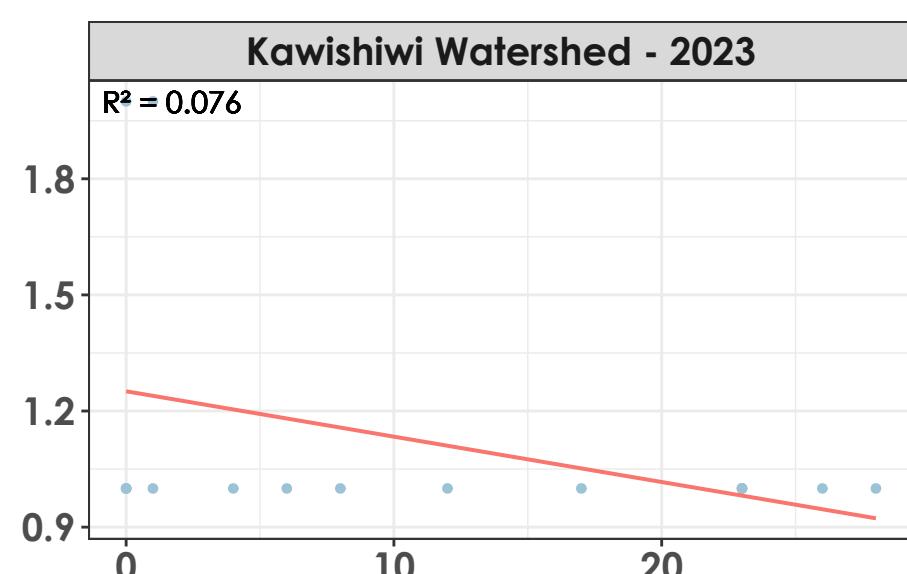
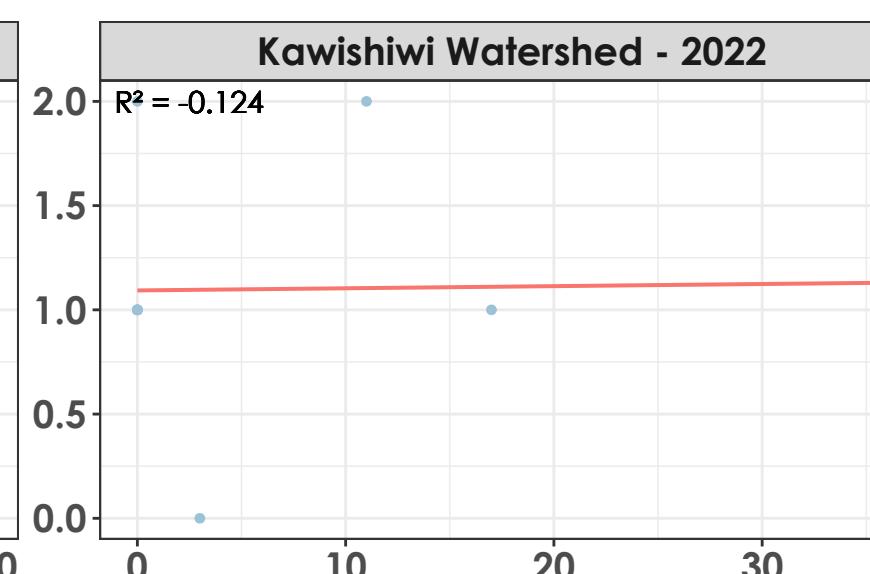
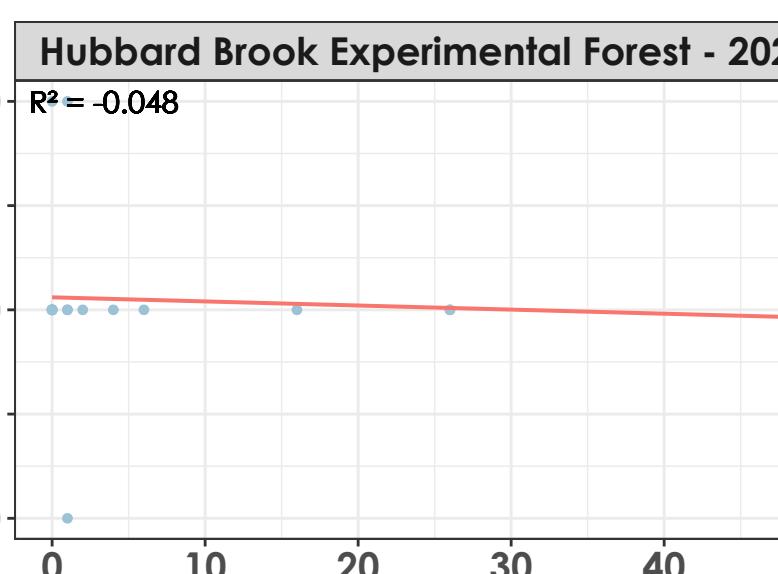
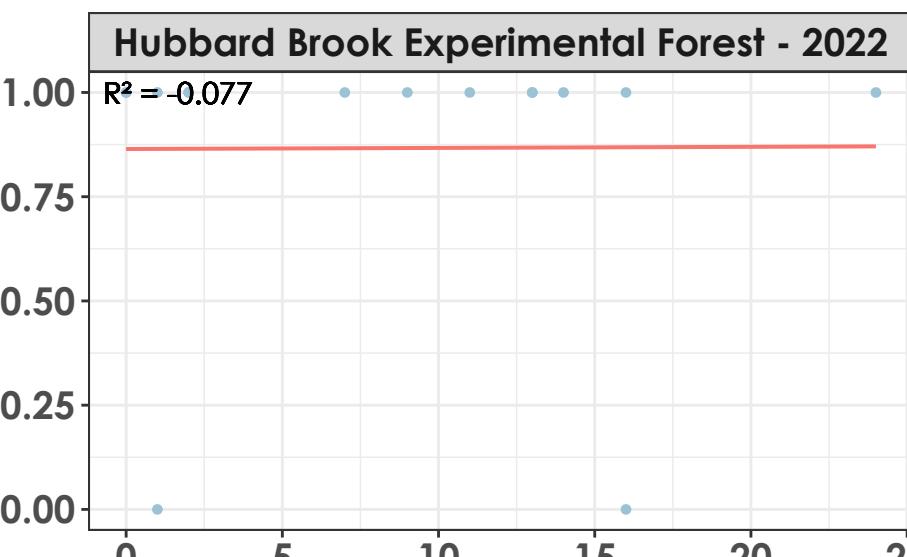
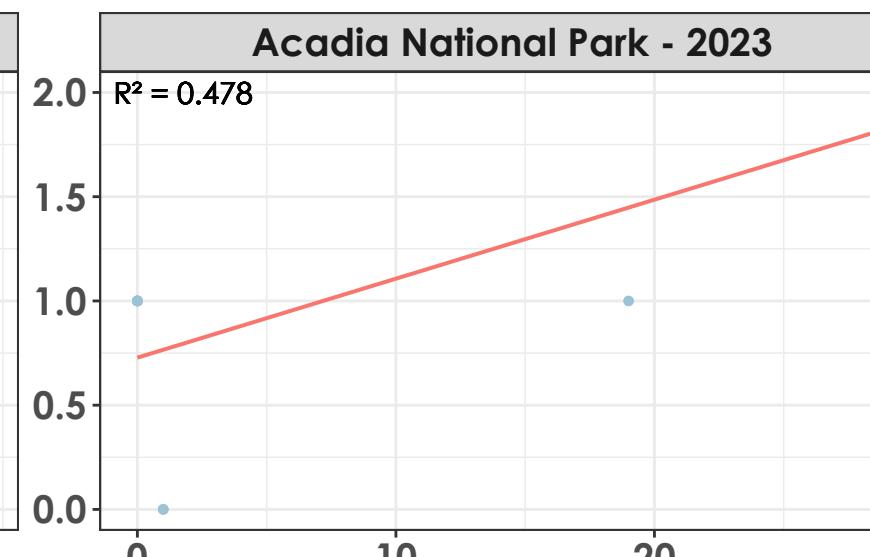
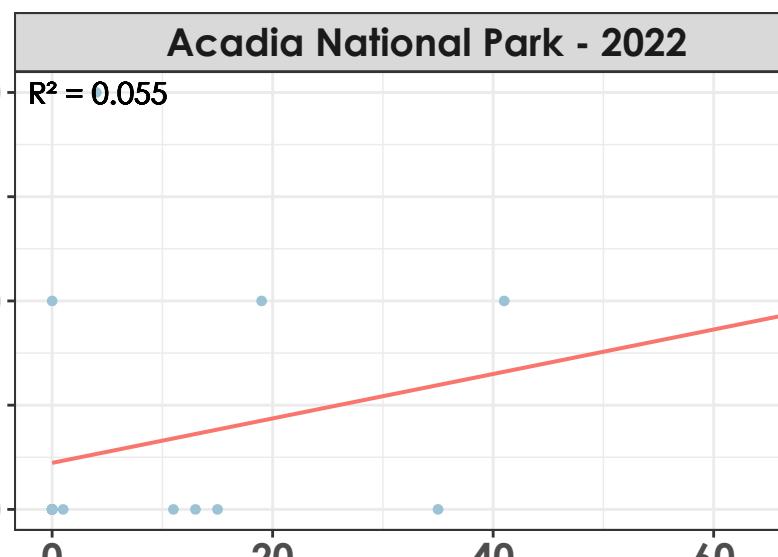
## **Red-breasted Nuthatch**



## Acoustic detections (from acoustic data)

# Winter Wren

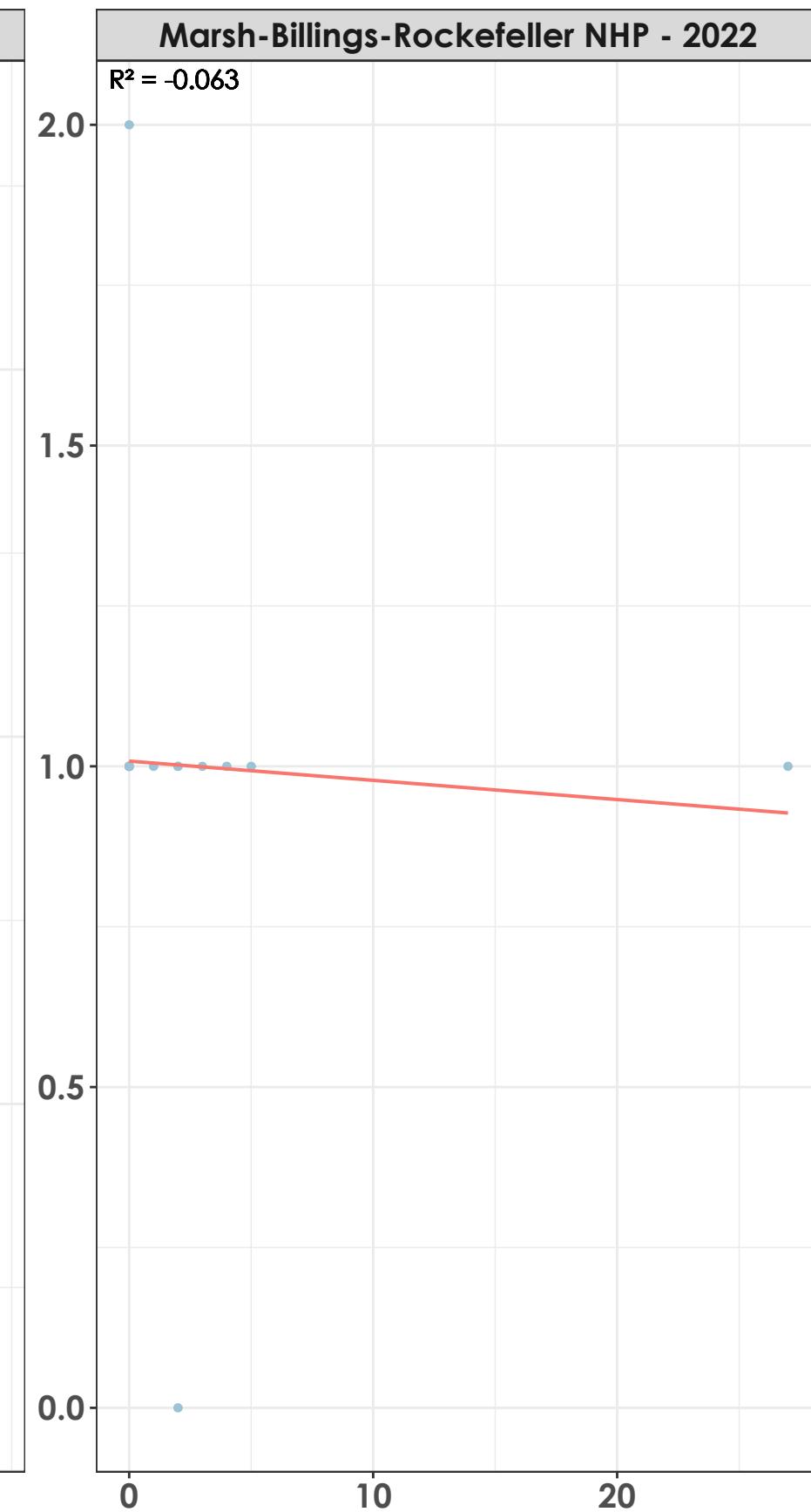
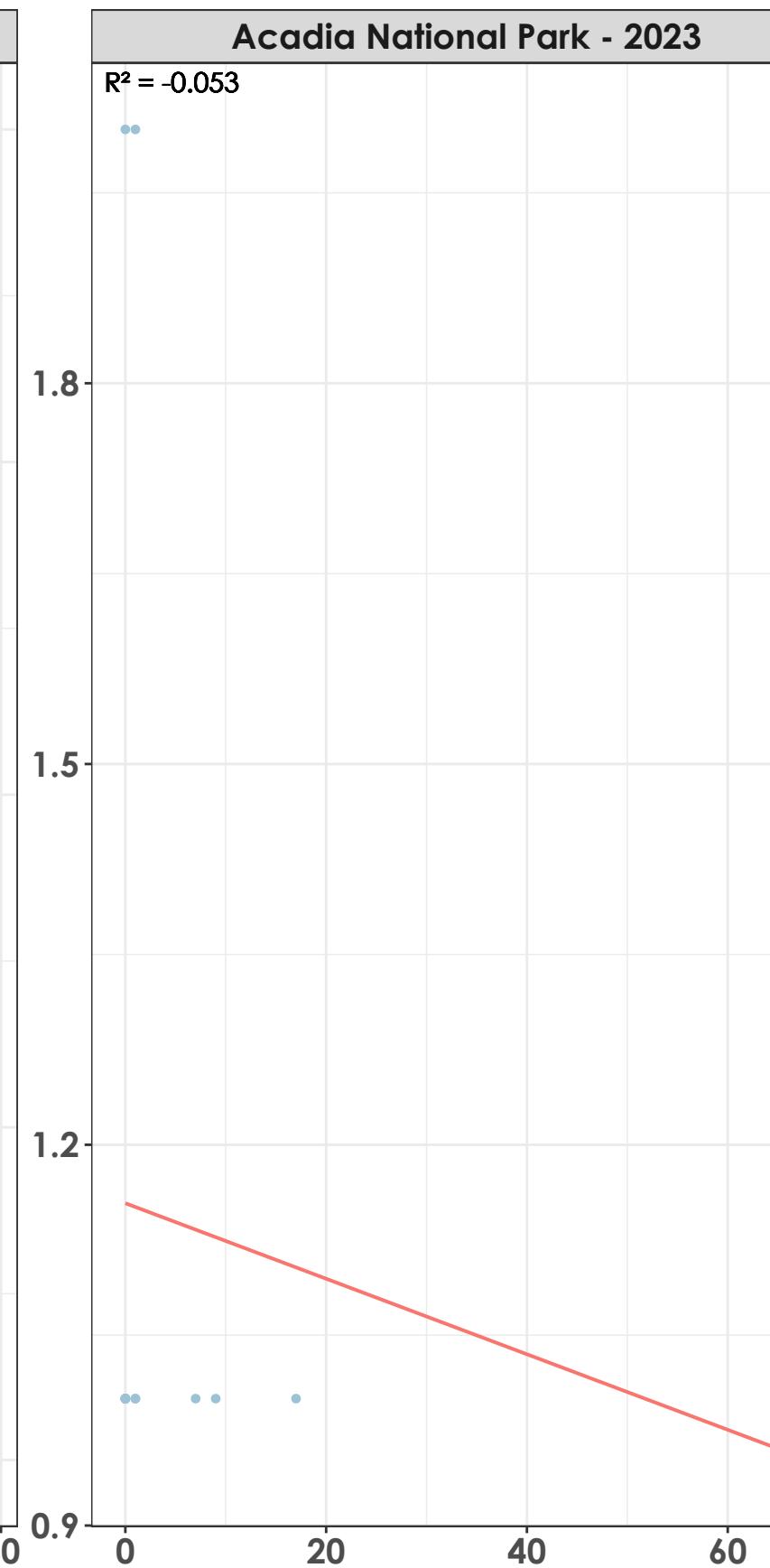
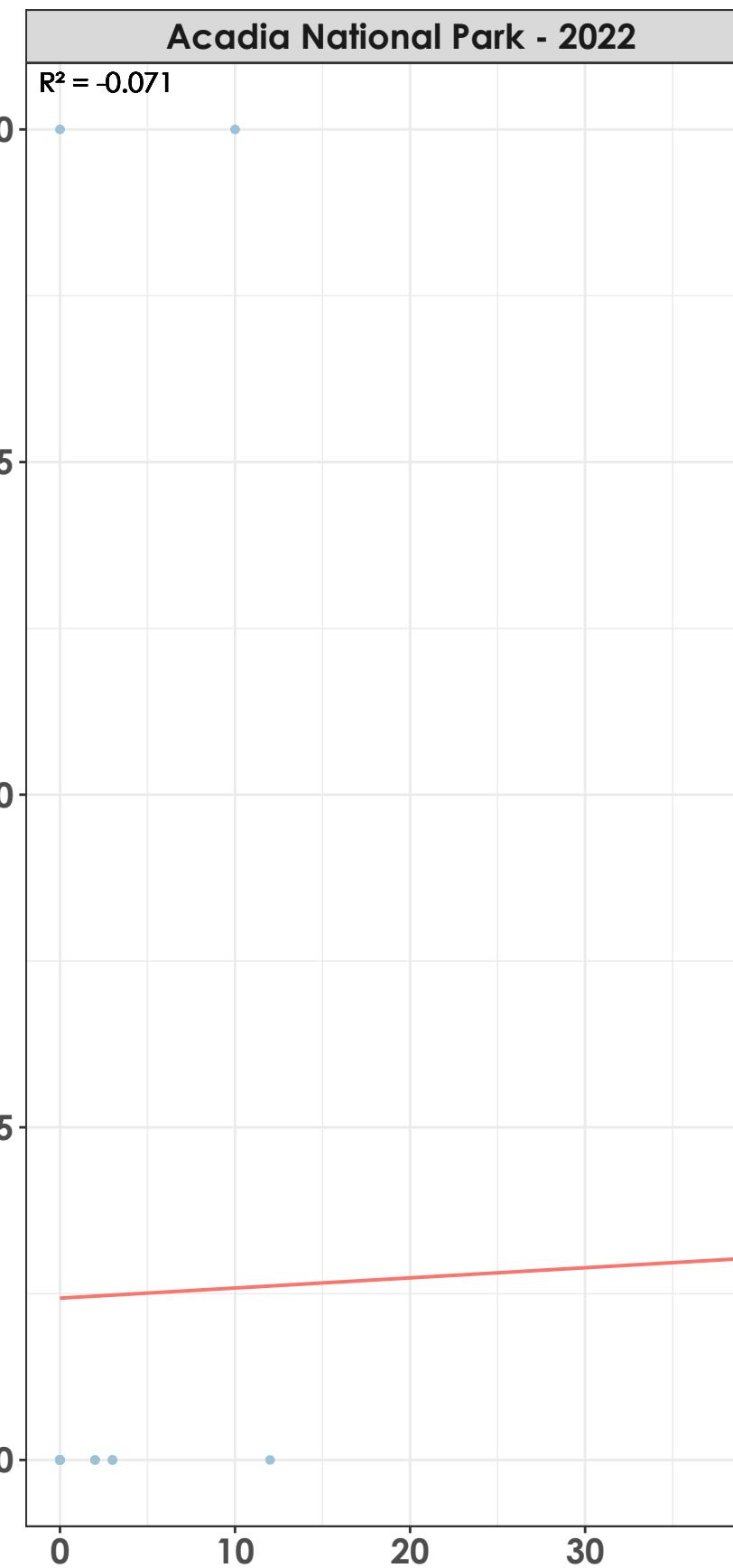
Abundance (from point count data)



Acoustic detections (from acoustic data)

# Blue-headed Vireo

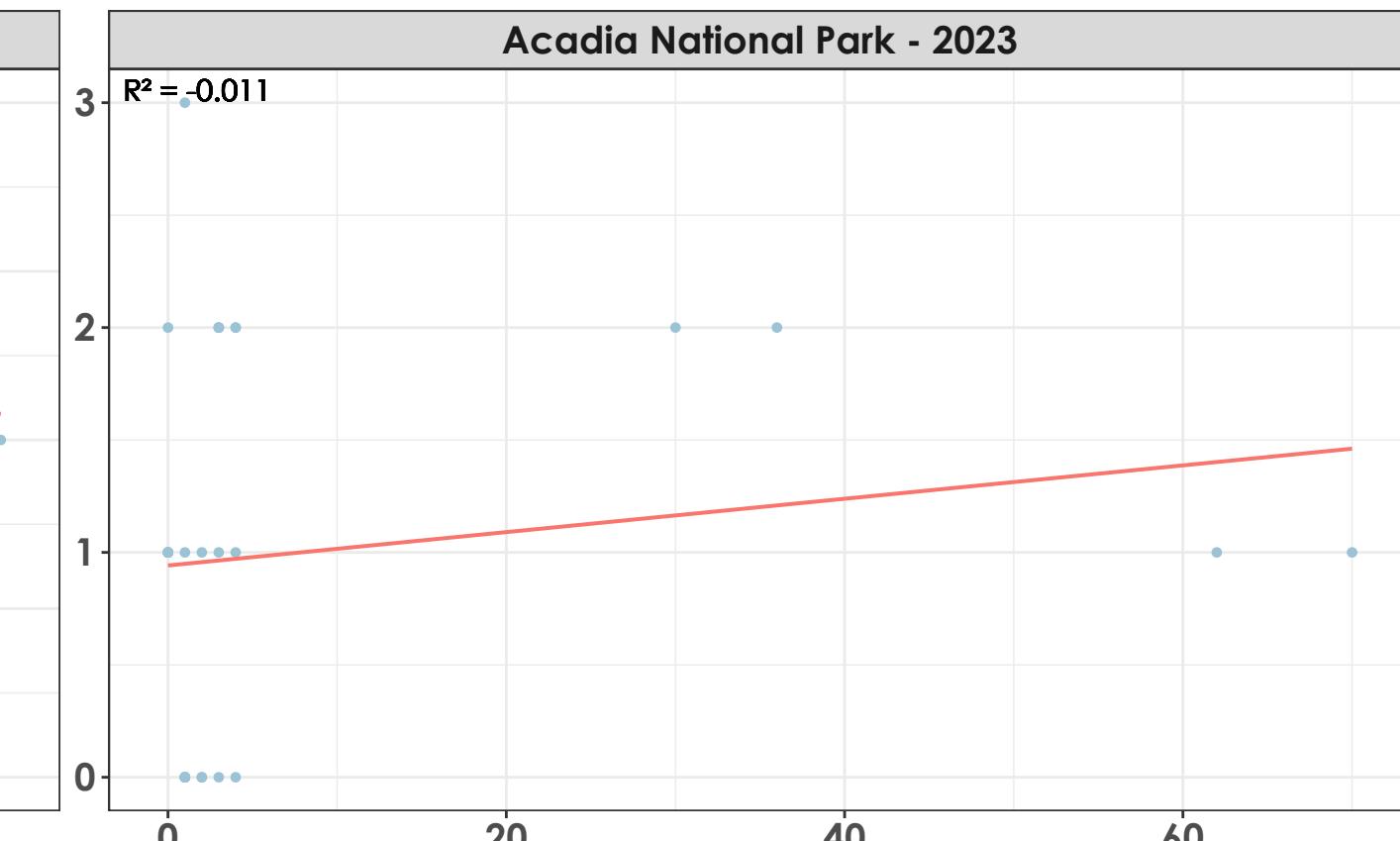
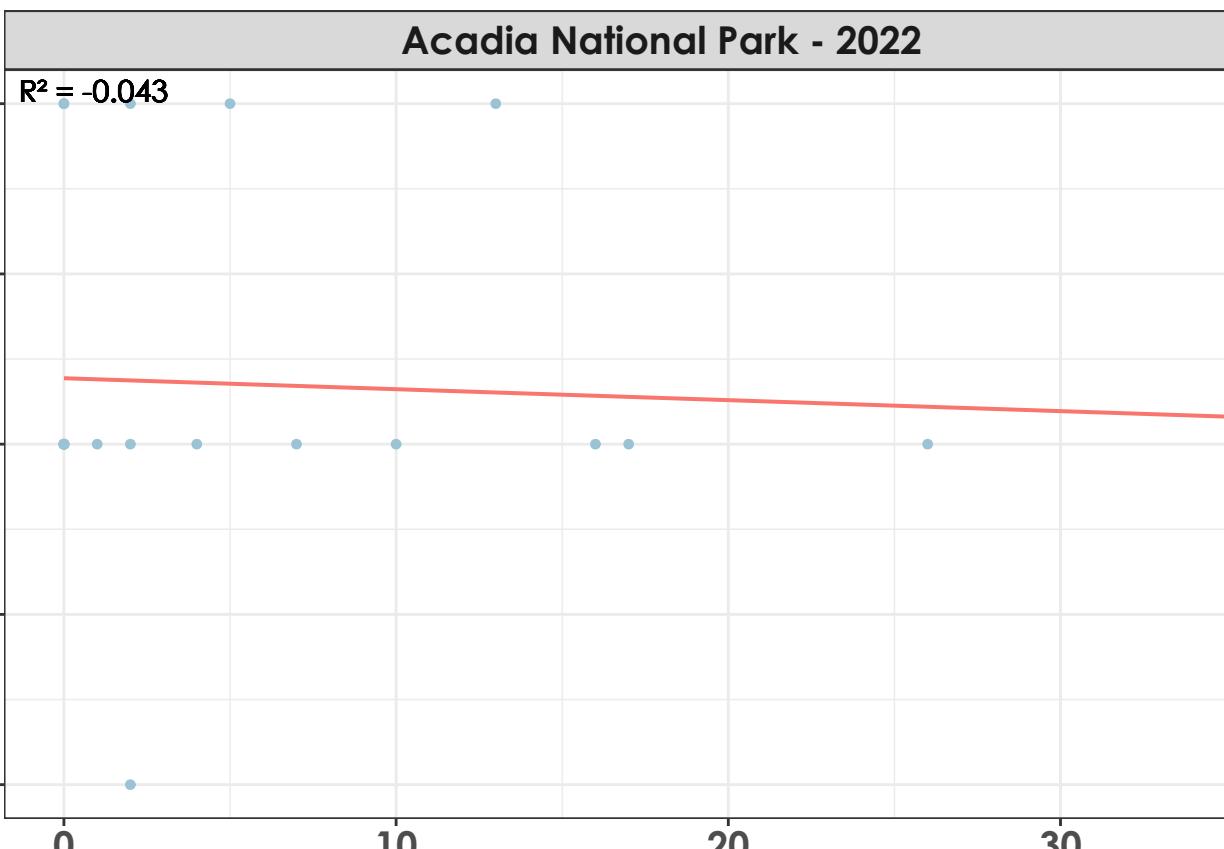
Abundance (from point count data)



Acoustic detections (from acoustic data)

# Golden-crowned Kinglet

Abundance (from point count data)



# Red Crossbill

Acadia National Park - 2022

$R^2 = -0.022$

Abundance (from point count data)

5

4

3

2

1

0

1

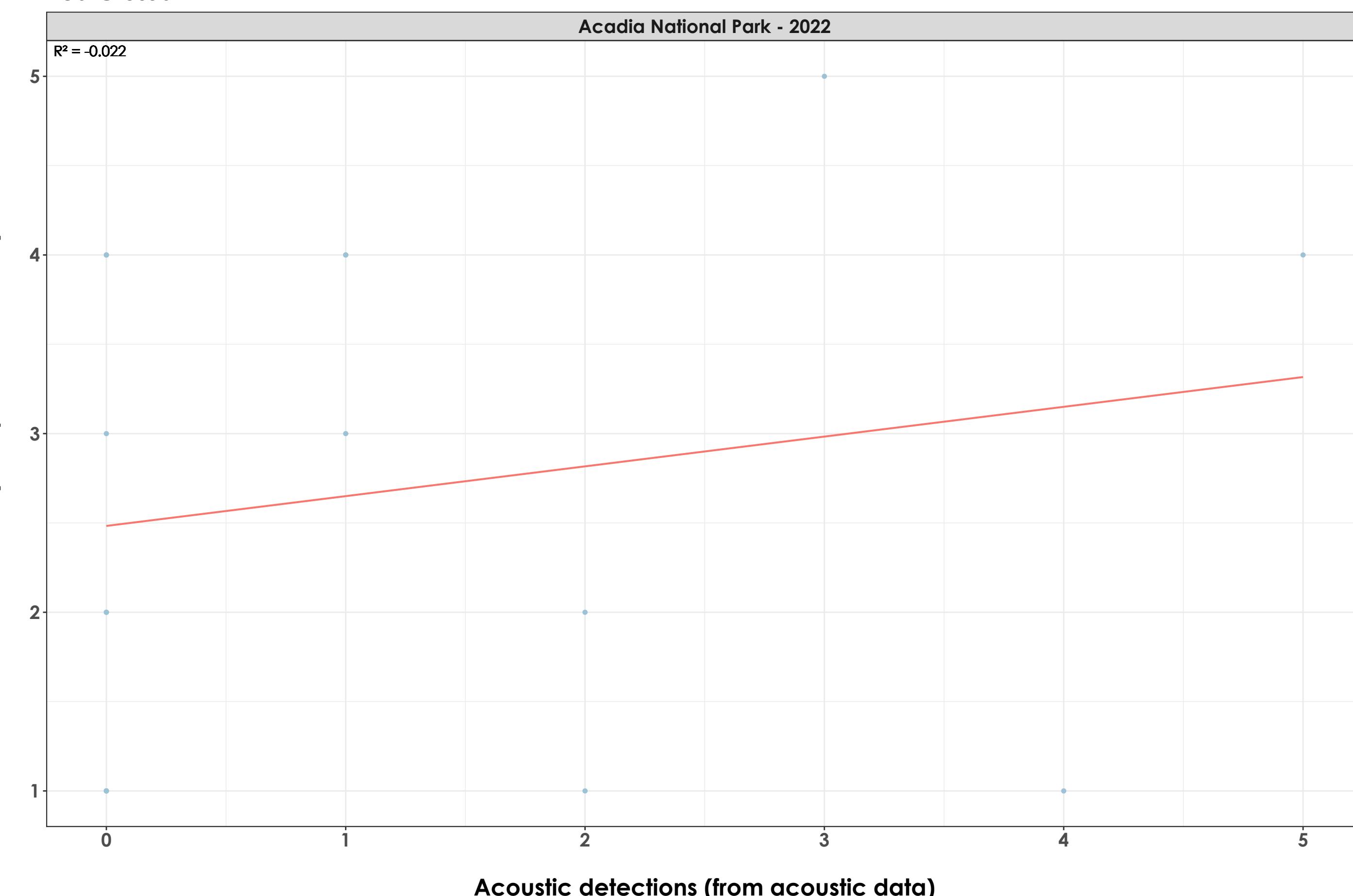
2

3

4

5

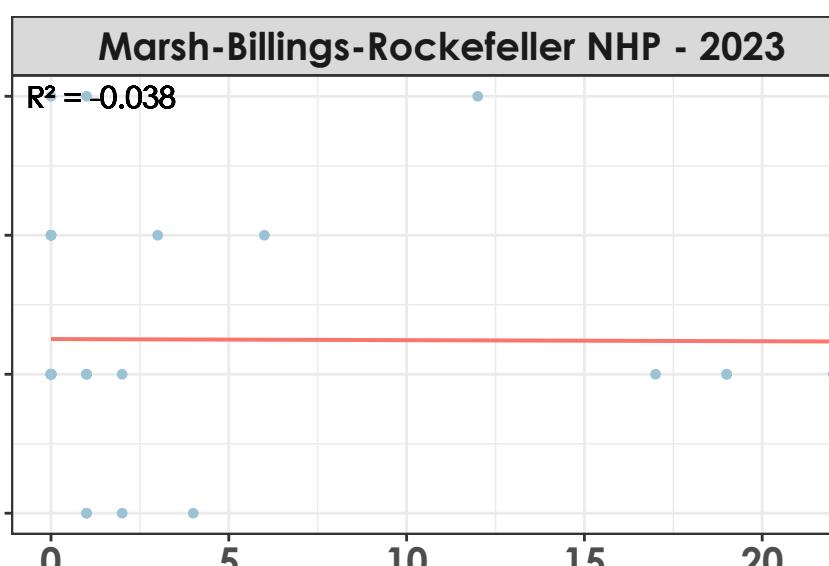
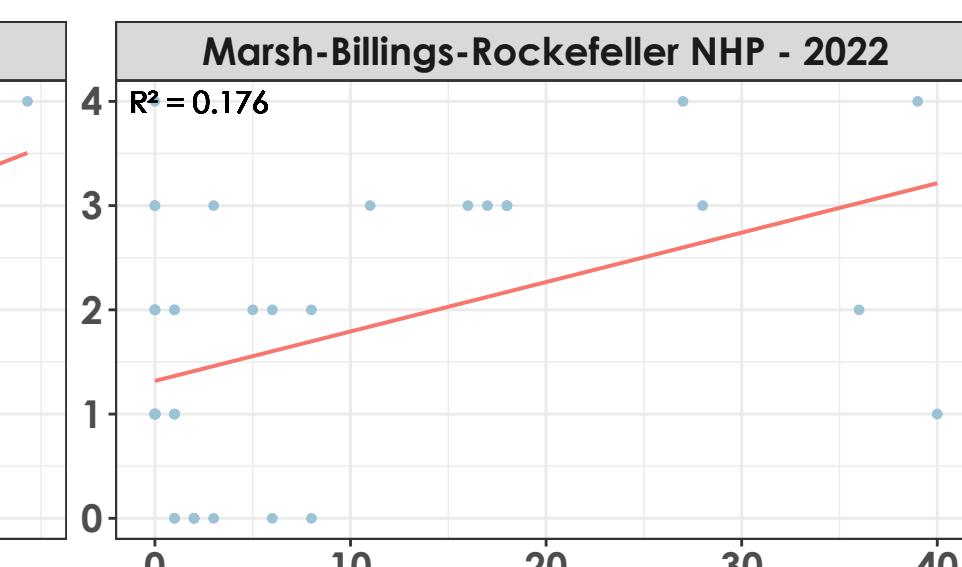
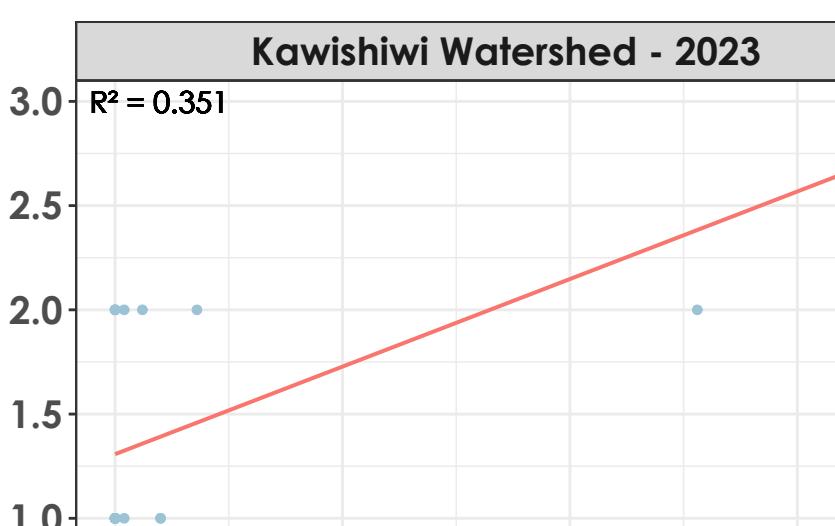
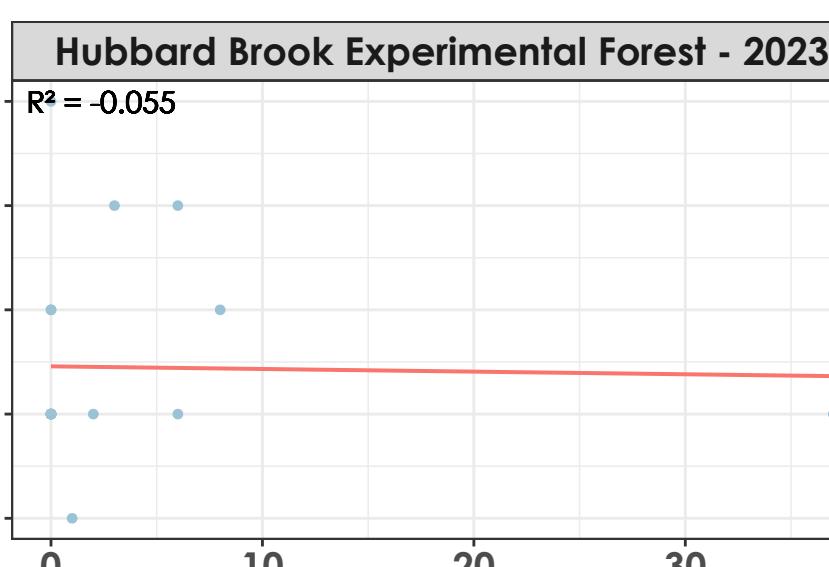
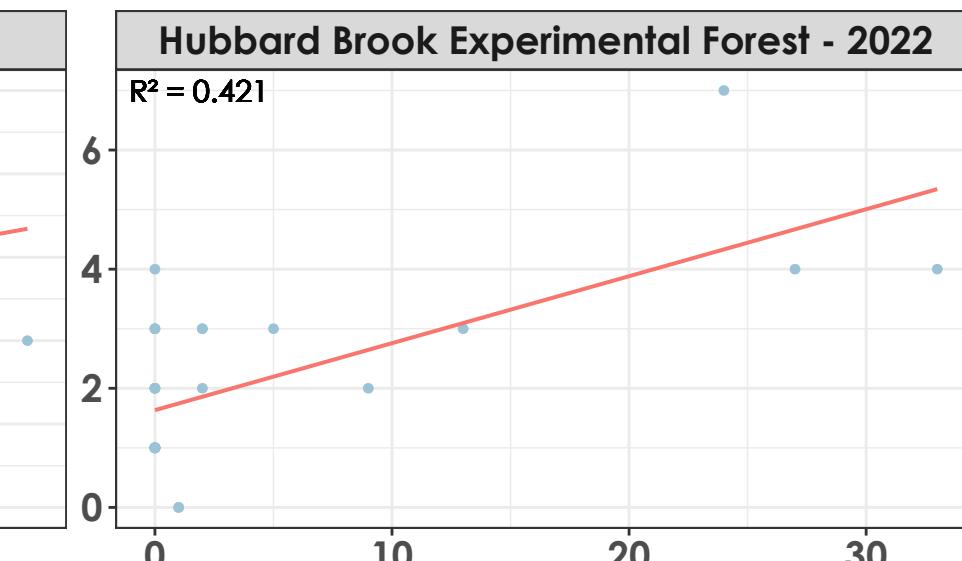
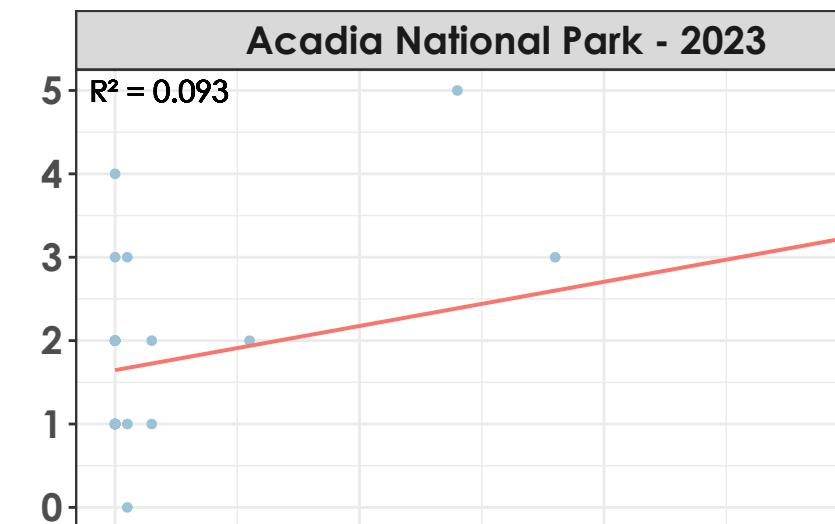
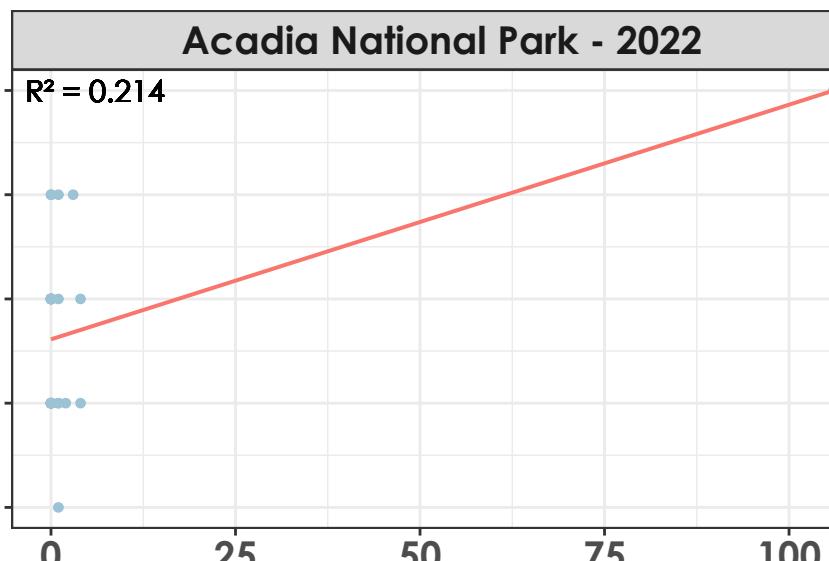
Acoustic detections (from acoustic data)



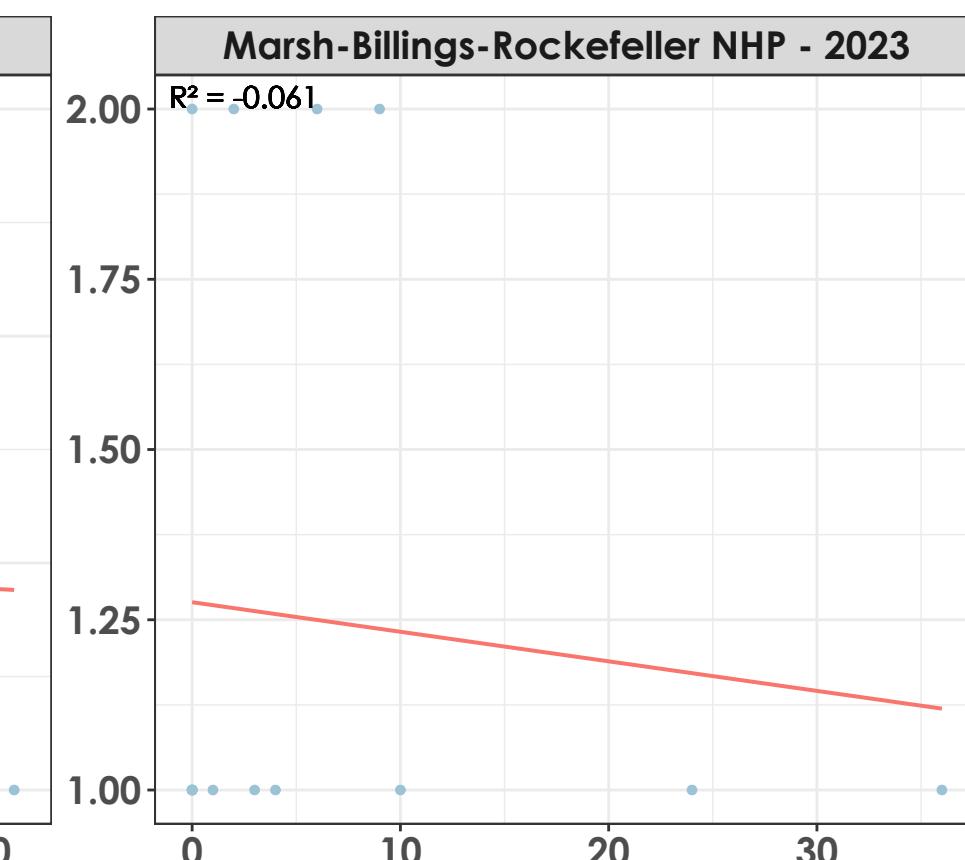
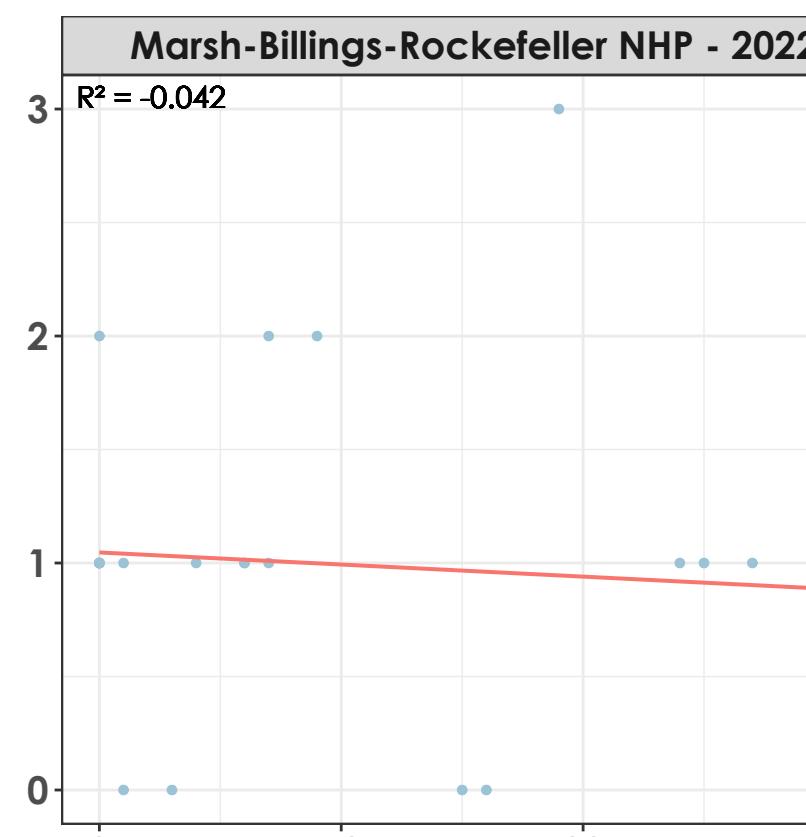
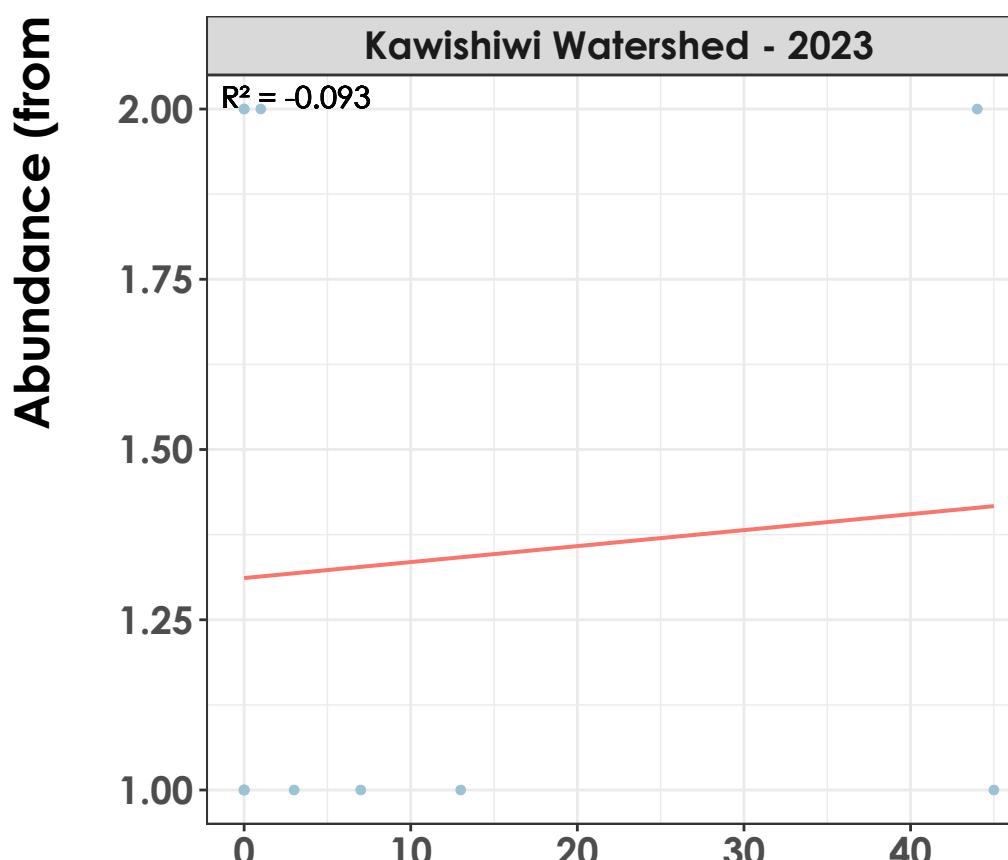
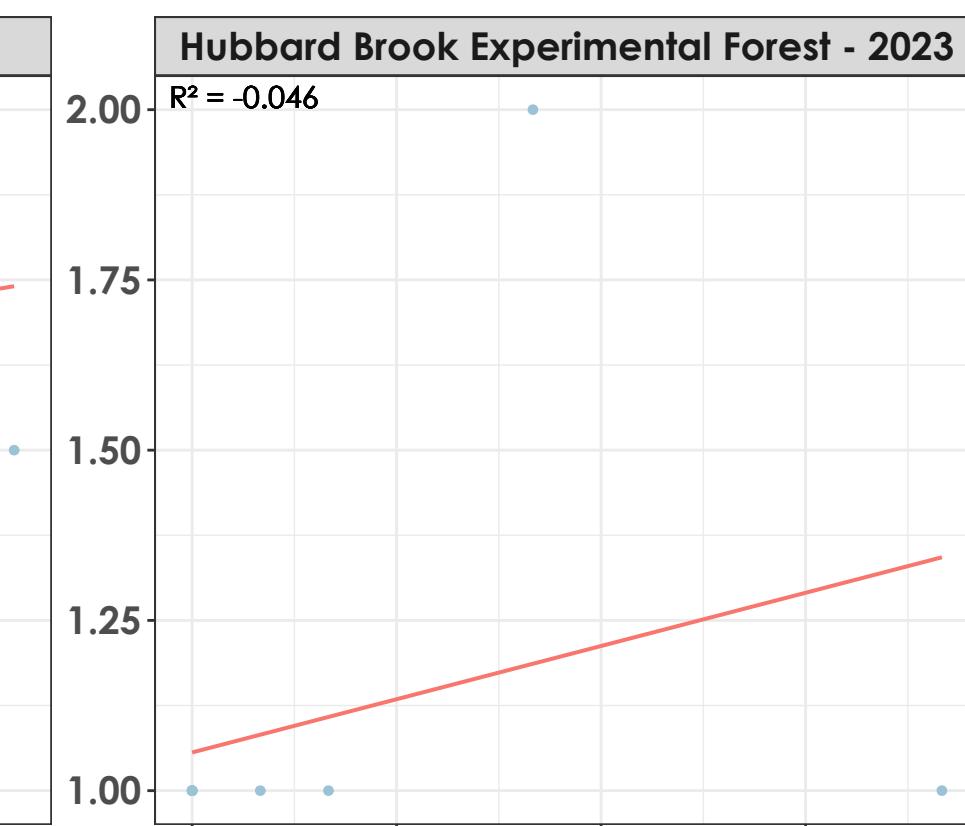
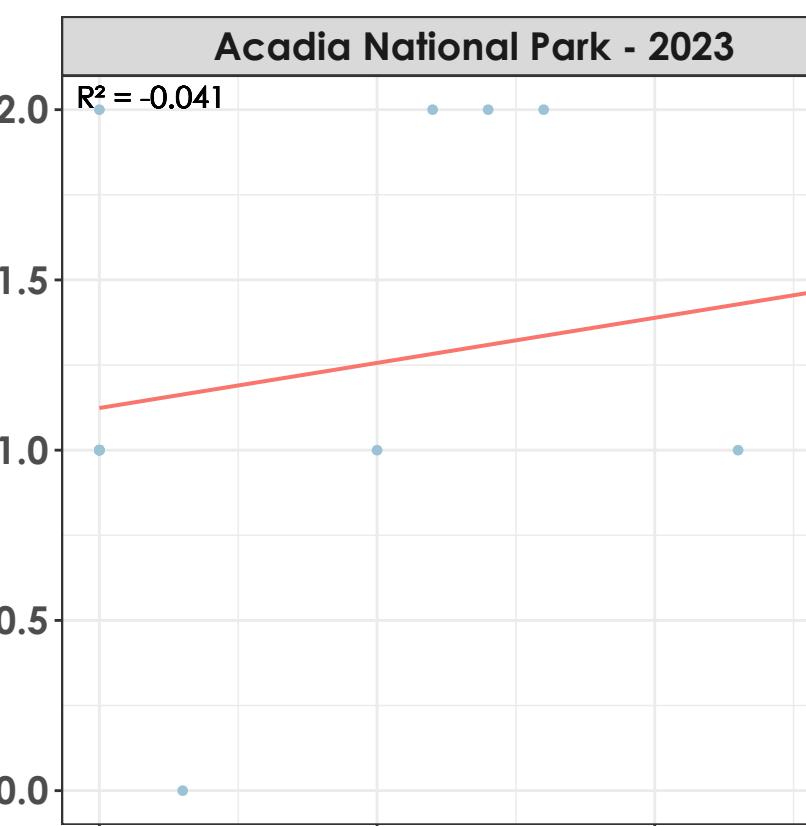
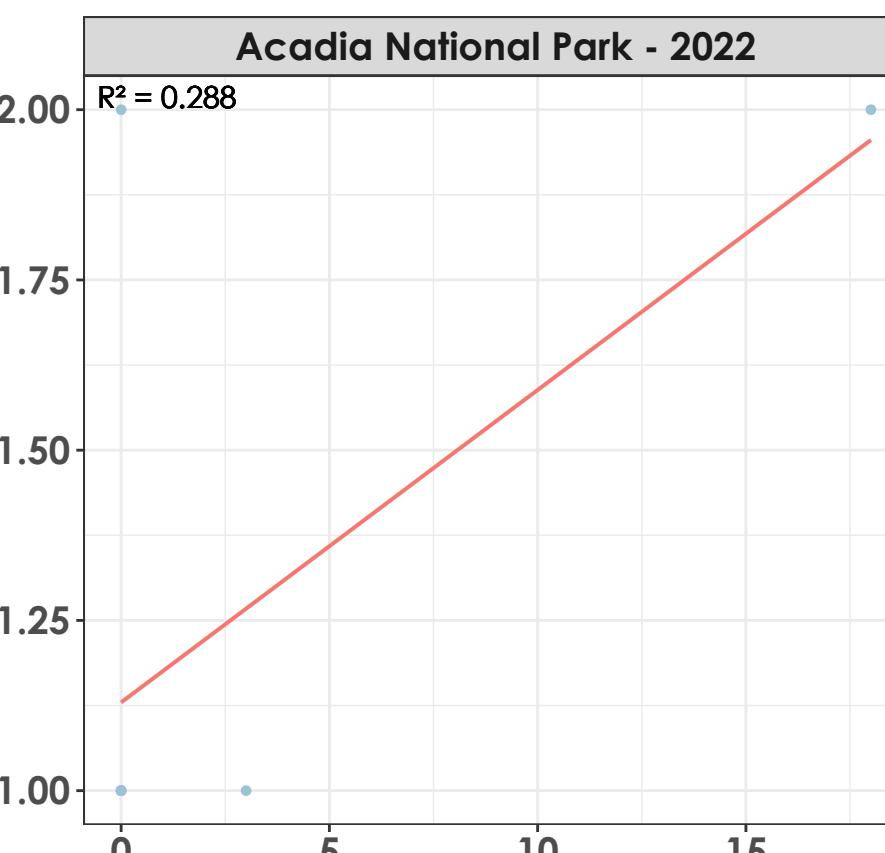
# Black-capped Chickadee

Abundance (from point count data)

Acoustic detections (from acoustic data)

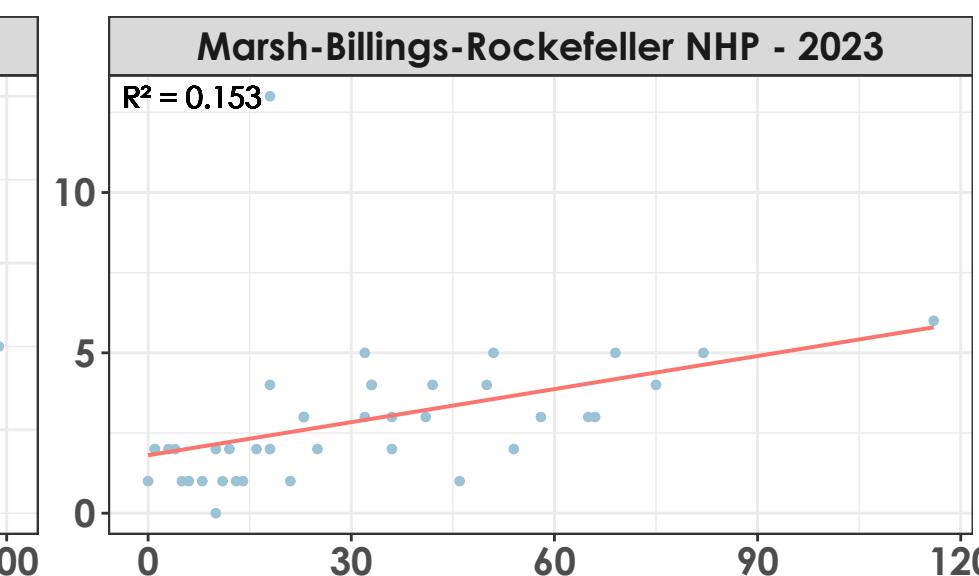
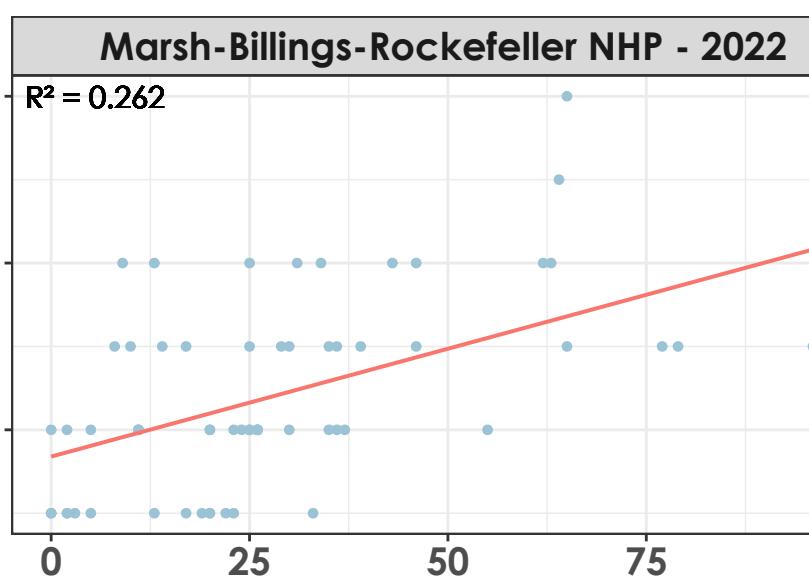
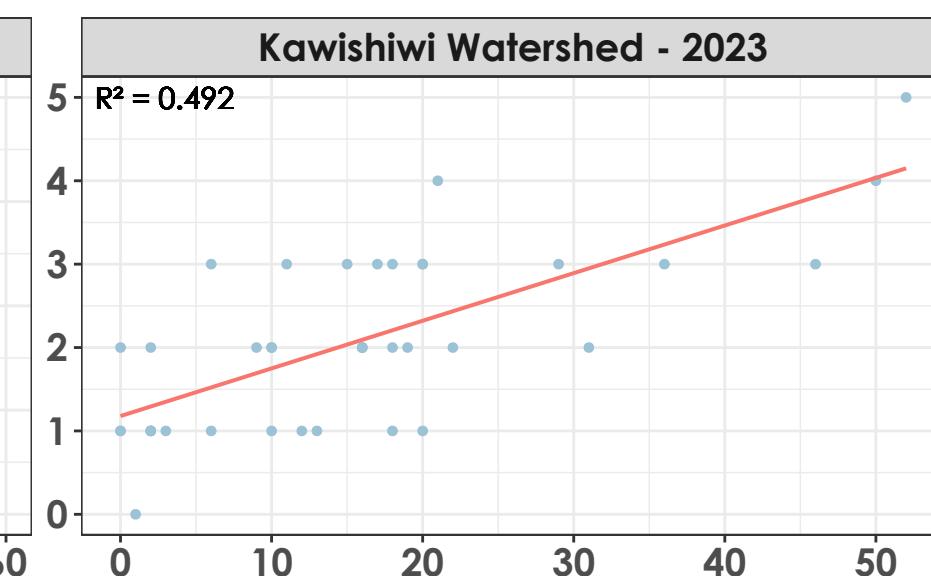
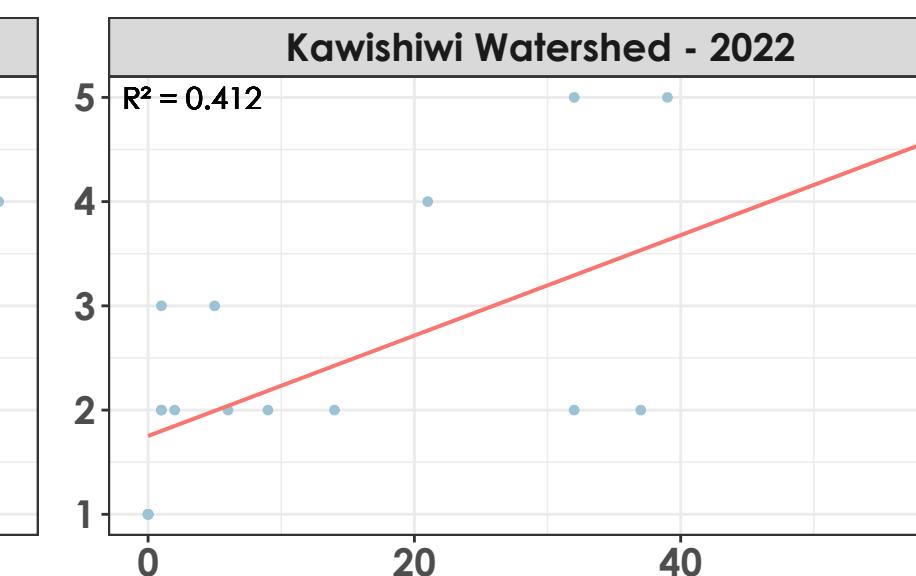
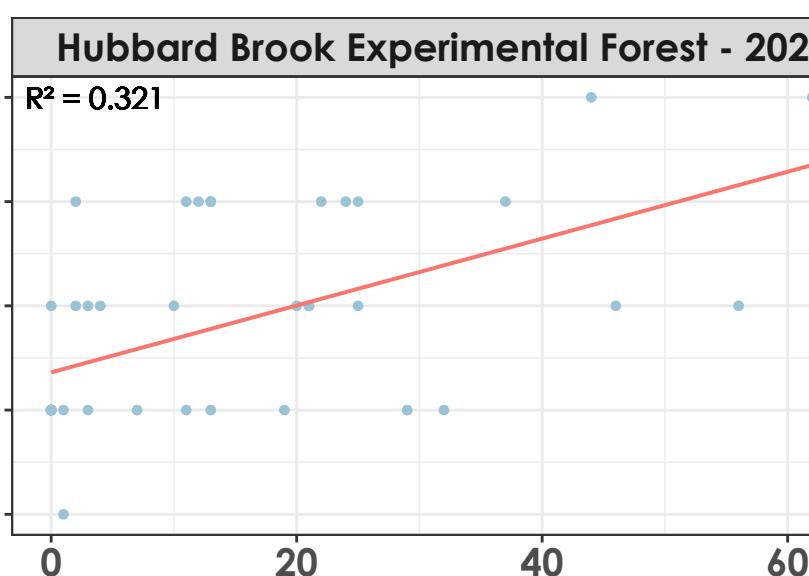
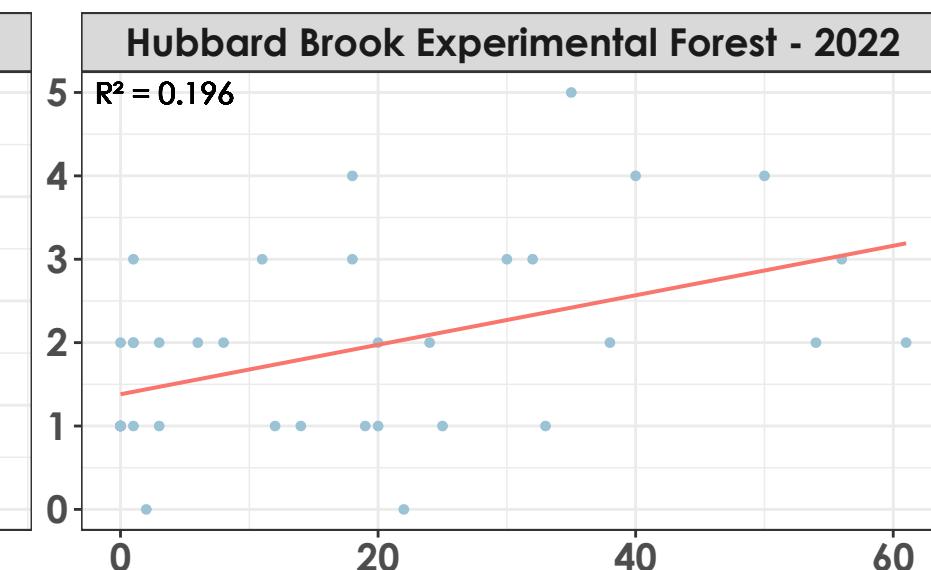
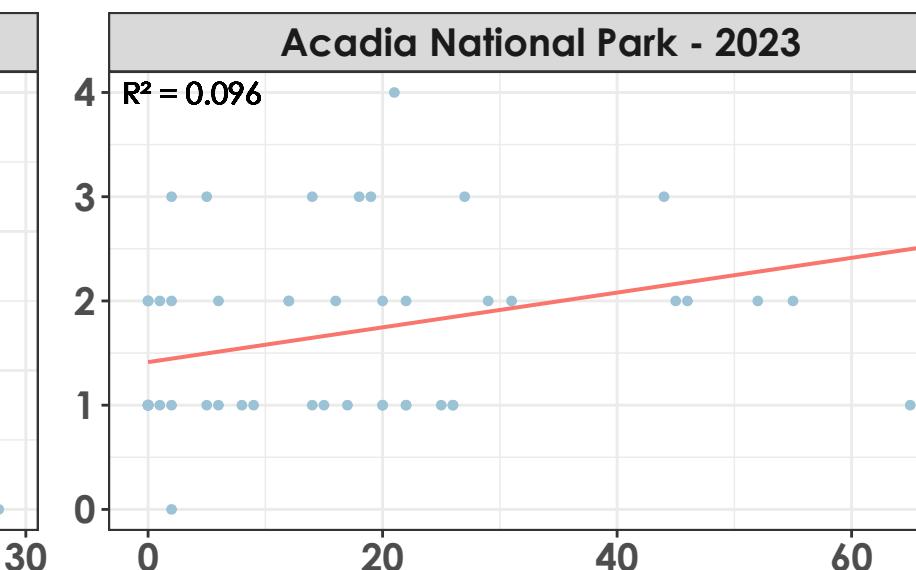
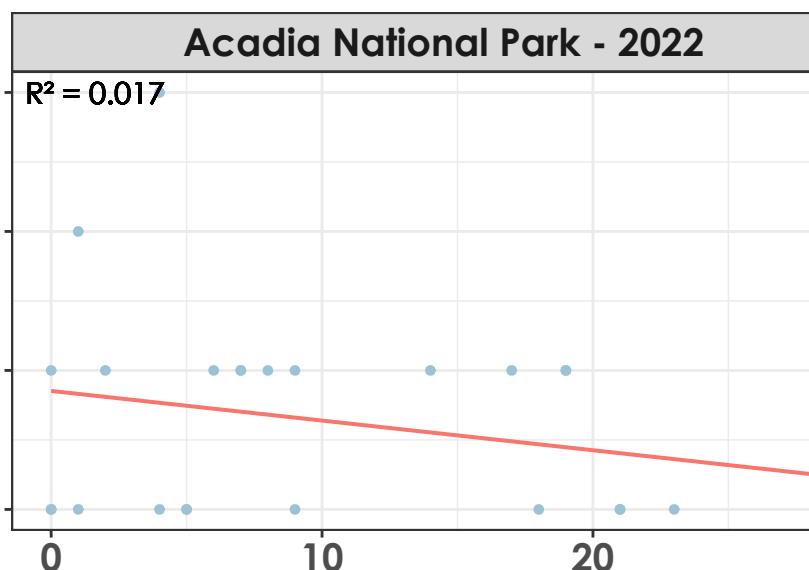


# Black-and-white Warbler



# Ovenbird

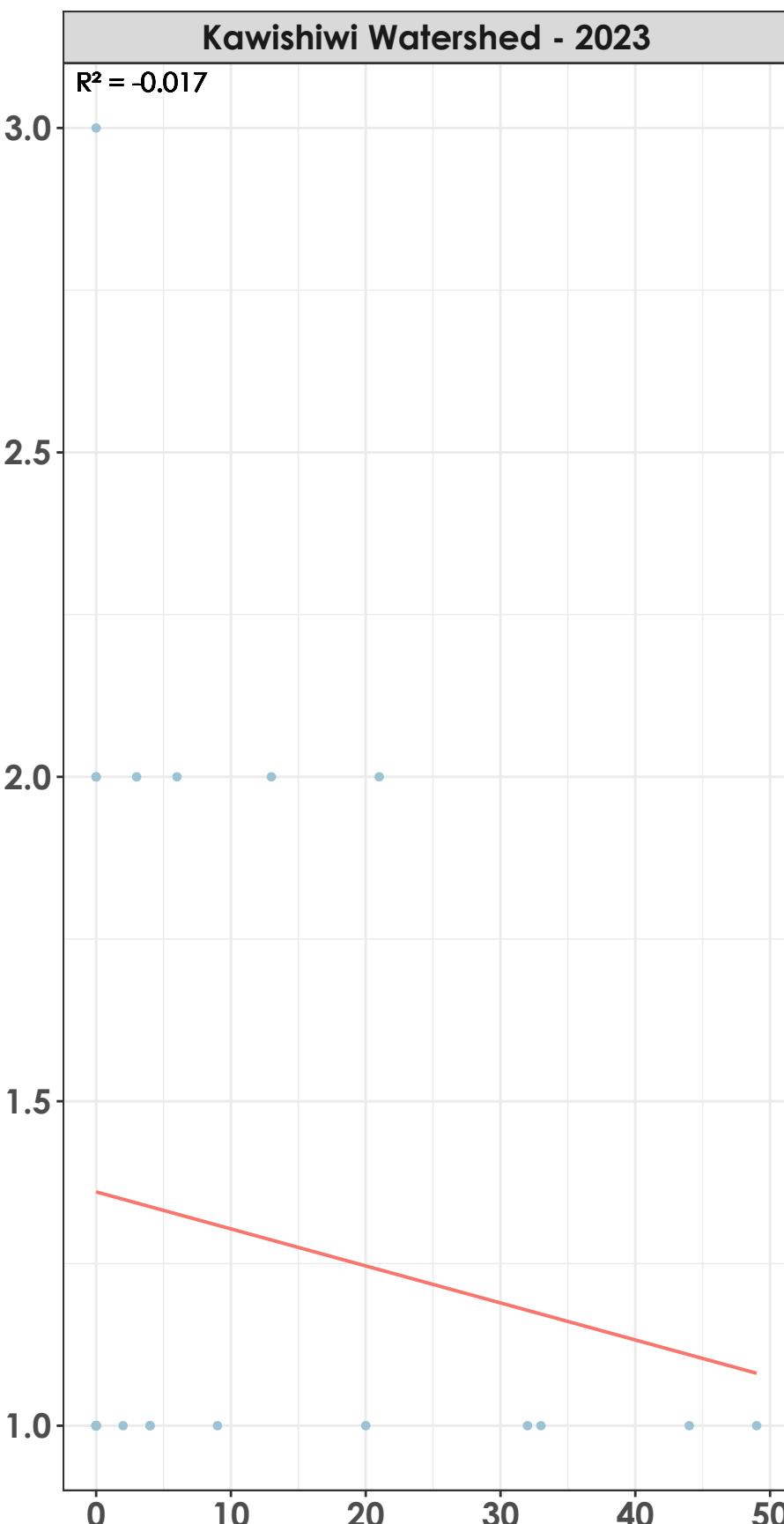
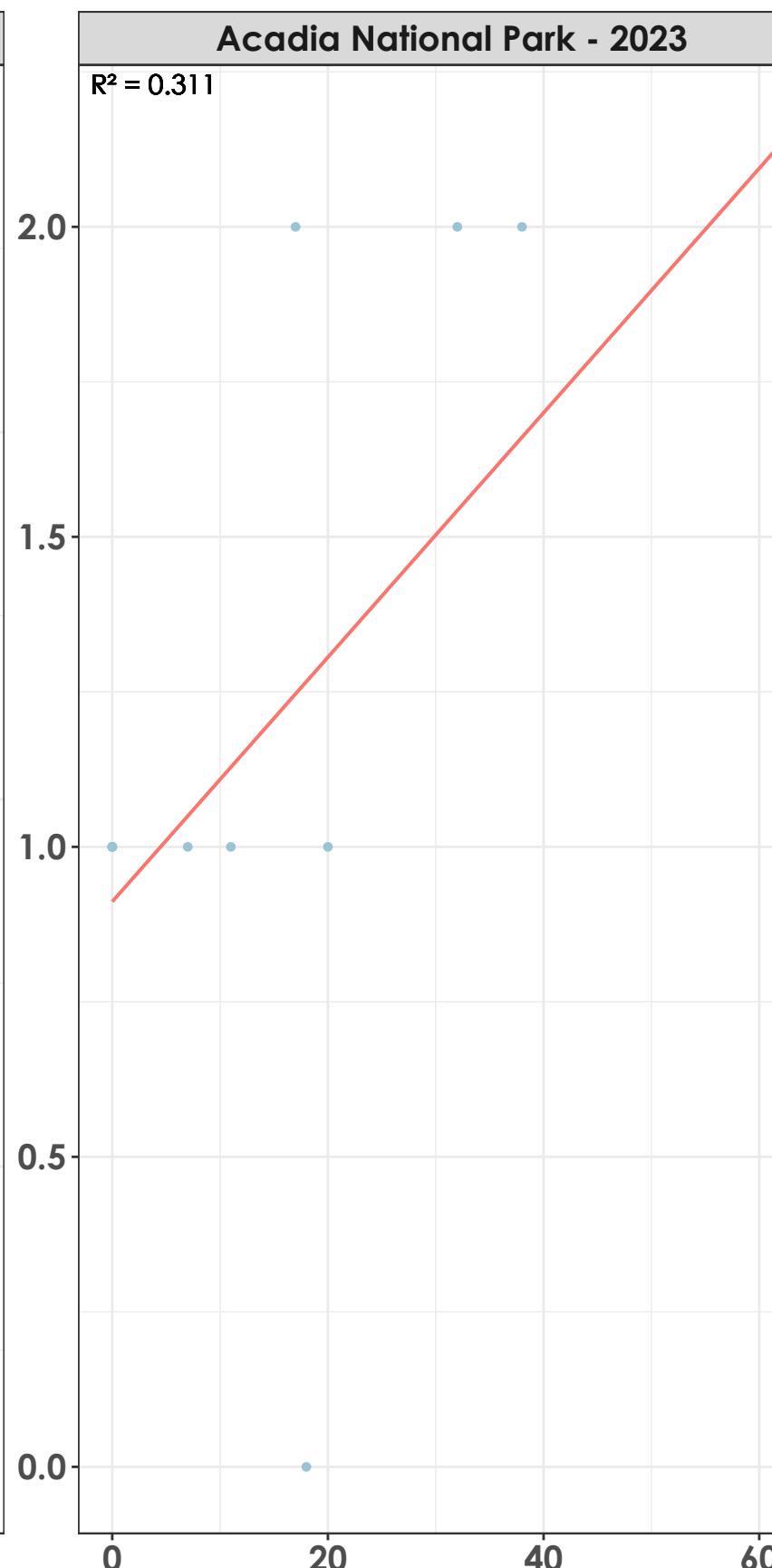
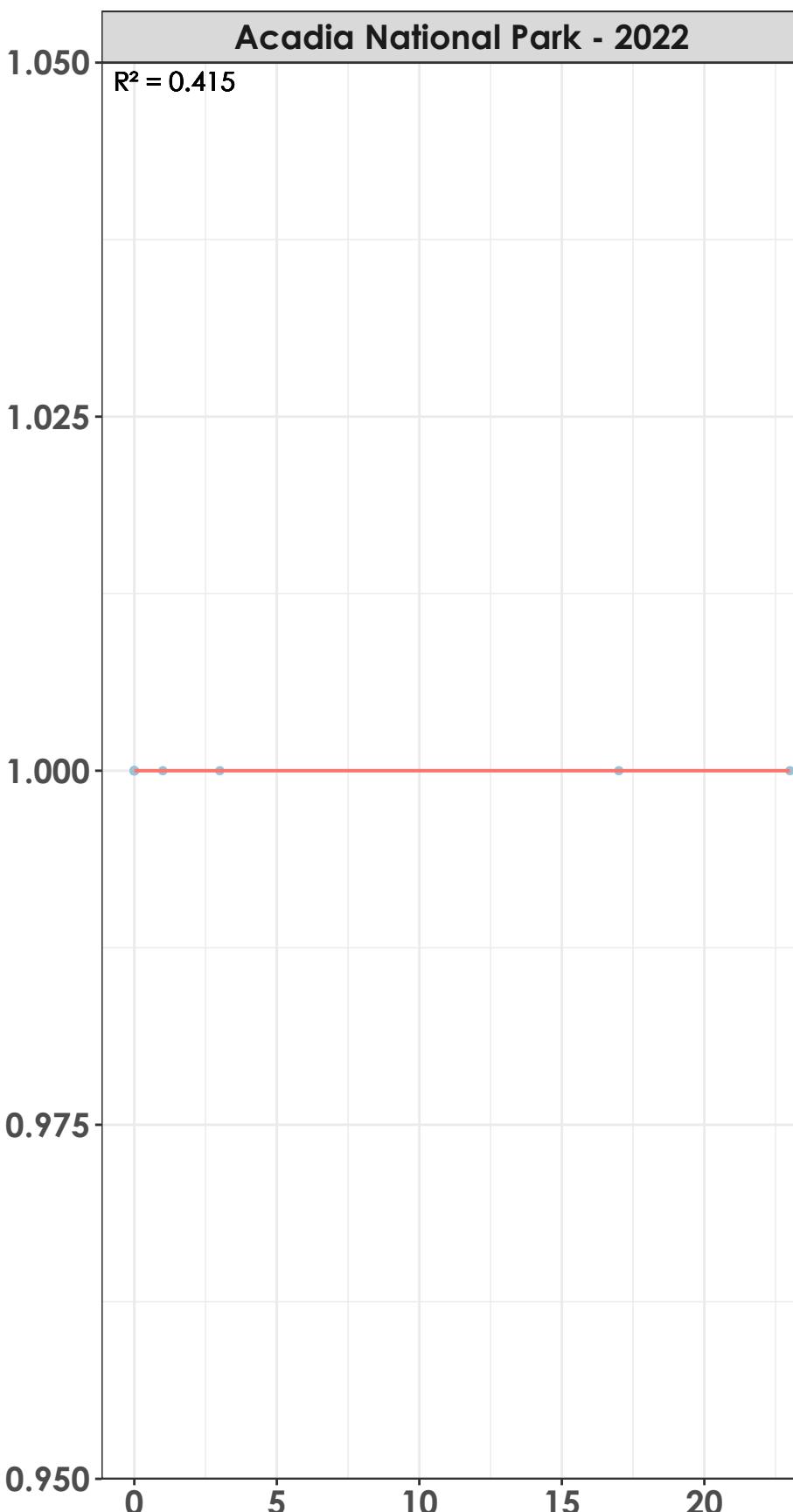
Abundance (from point count data)



Acoustic detections (from acoustic data)

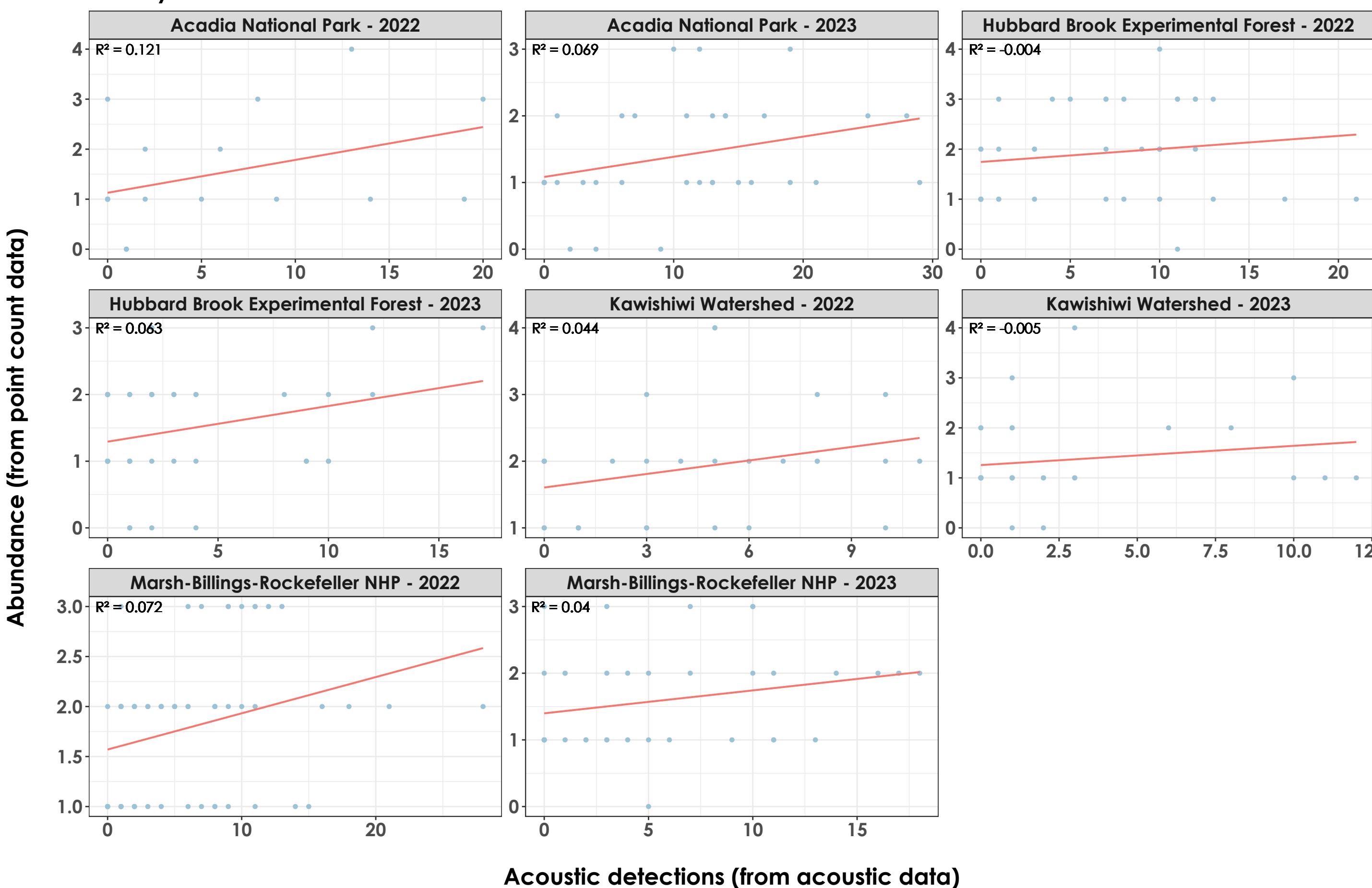
# Northern Parula

Abundance (from point count data)

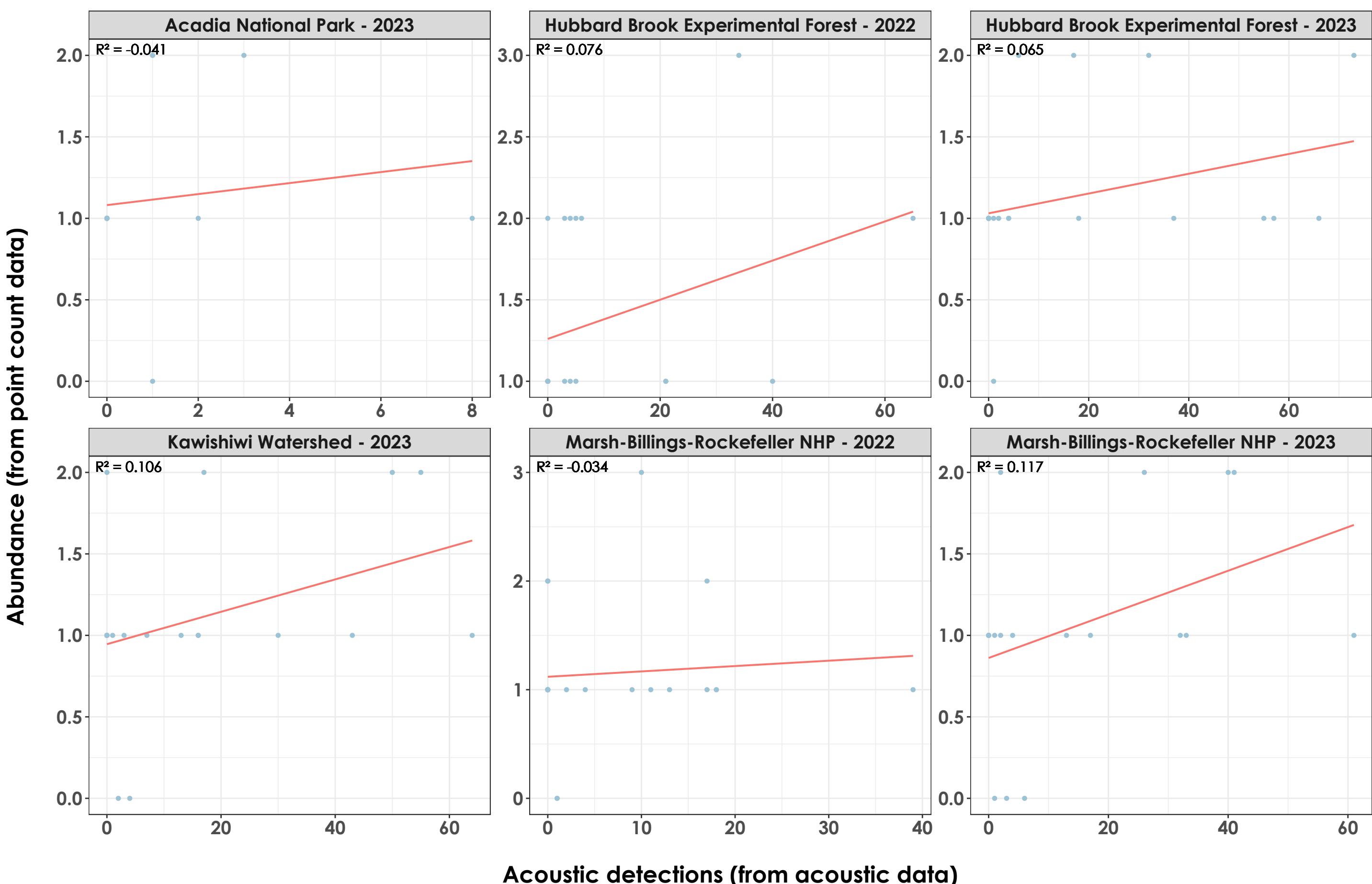


Acoustic detections (from acoustic data)

# Red-eyed Vireo

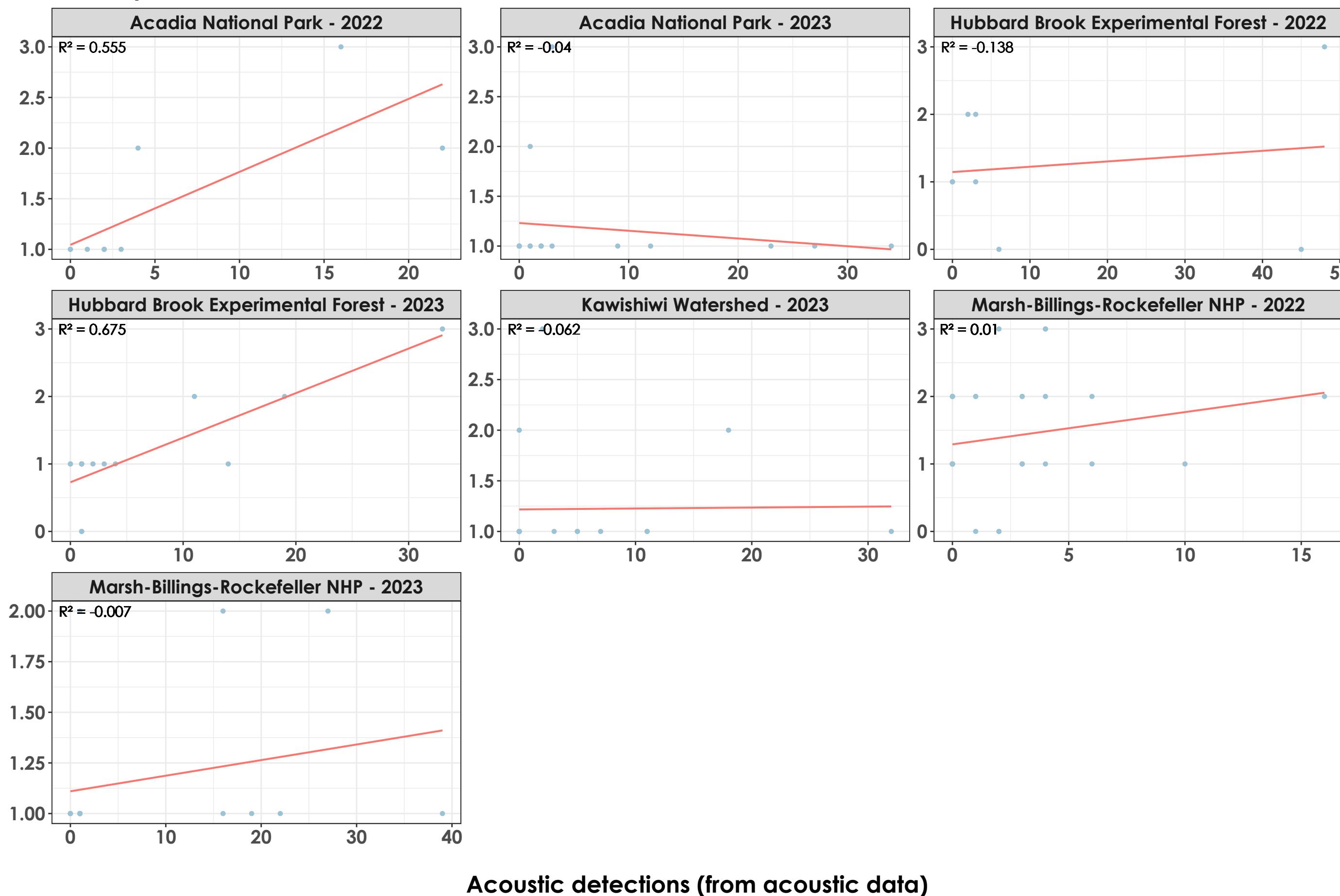


# **Blackburnian Warbler**



# Blue Jay

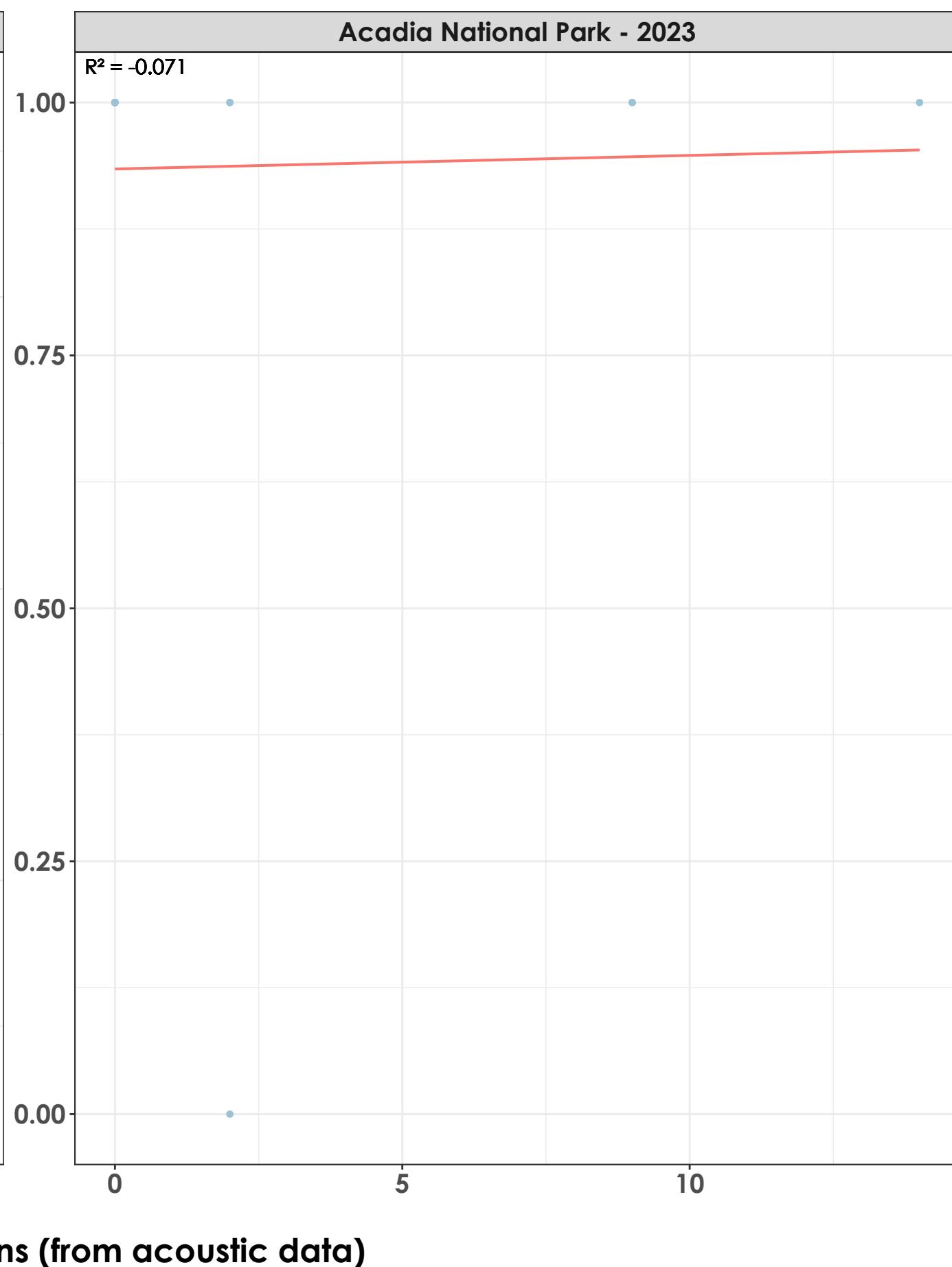
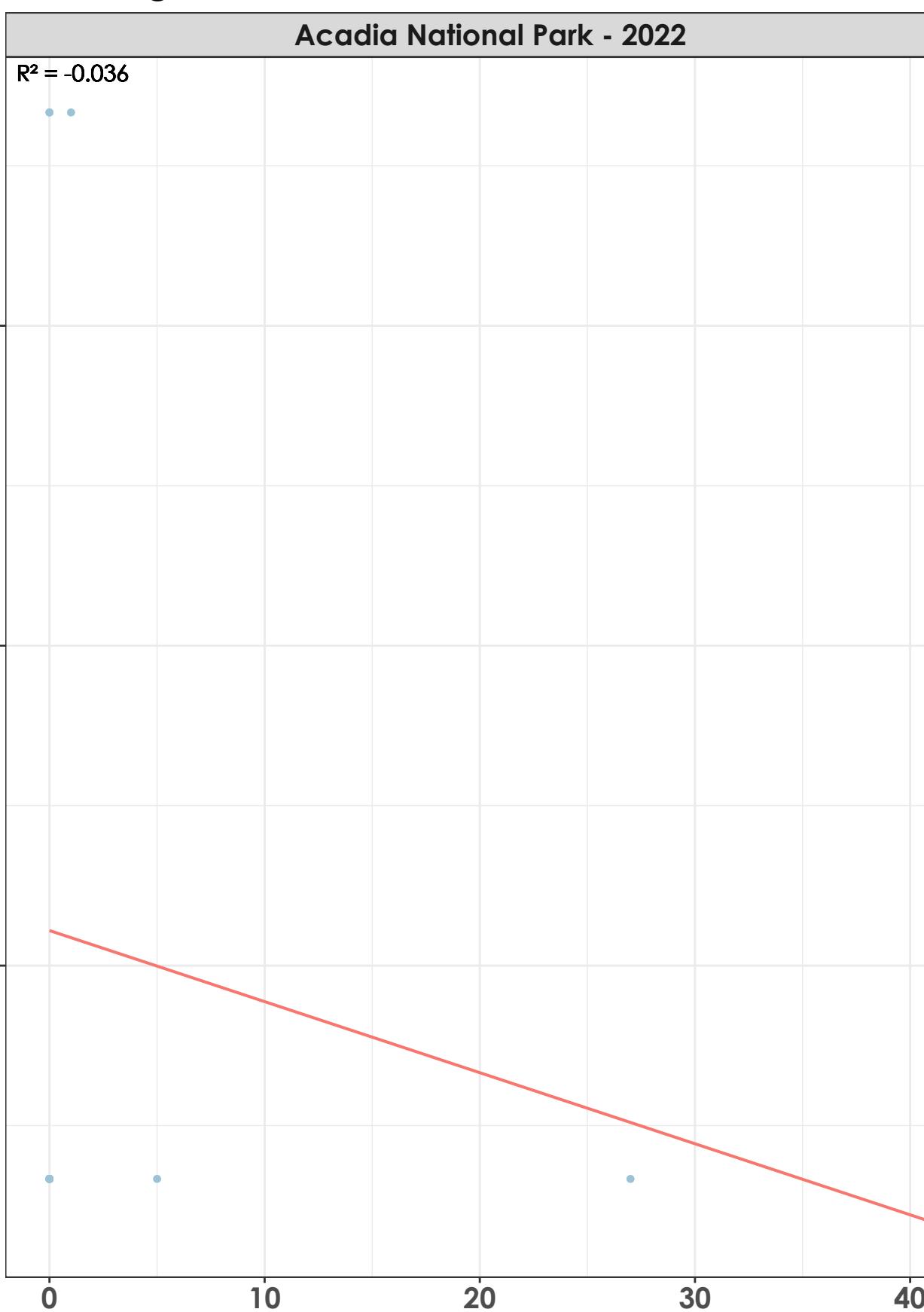
Abundance (from point count data)



Acoustic detections (from acoustic data)

# Mourning Dove

Abundance (from point count data)

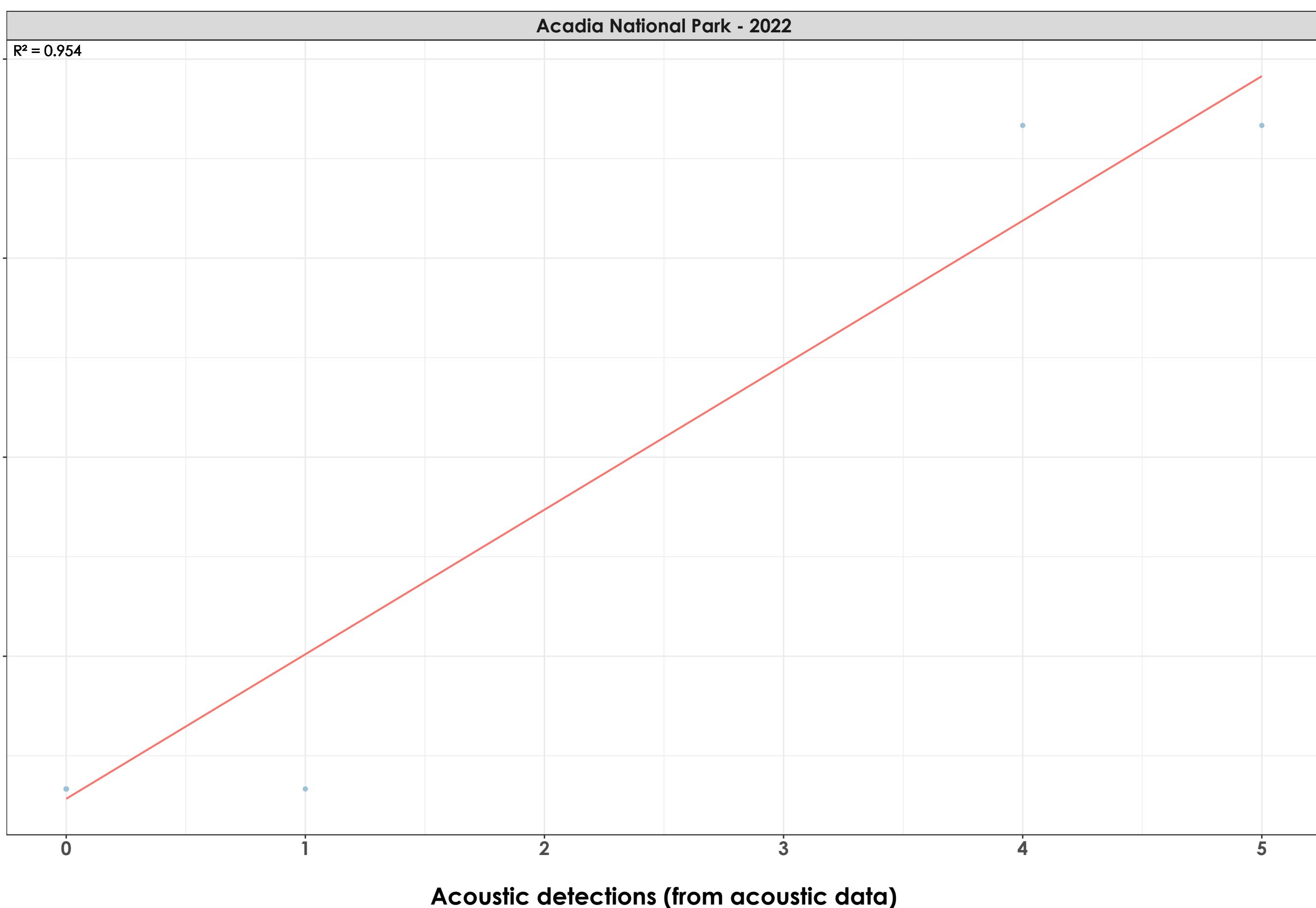


# American Goldfinch

Acadia National Park - 2022

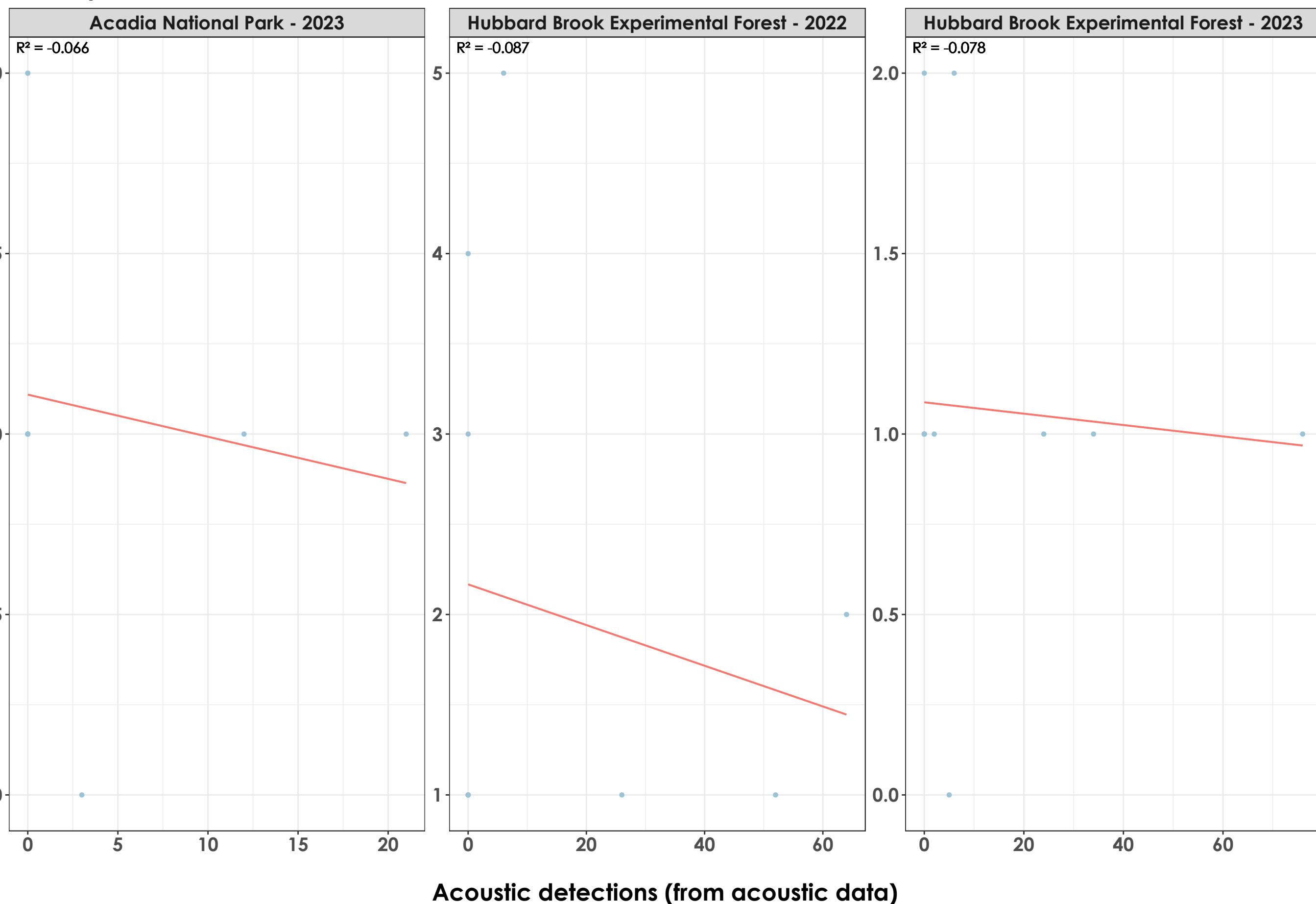
R<sup>2</sup> = 0.954

Abundance (from point count data)



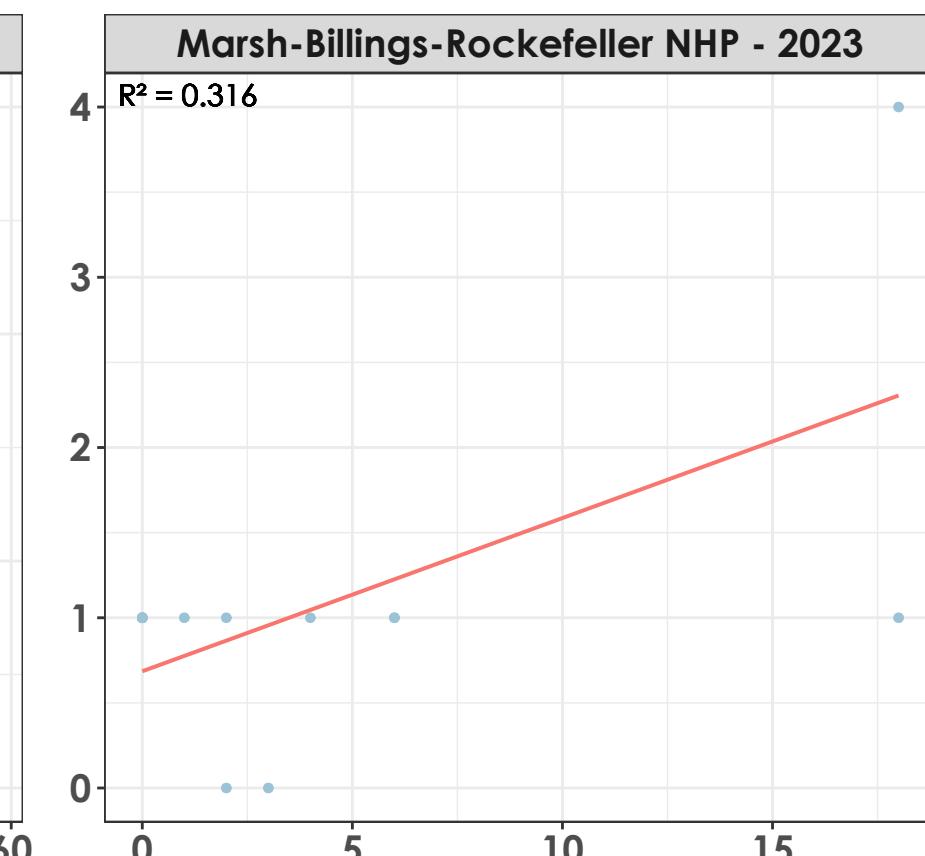
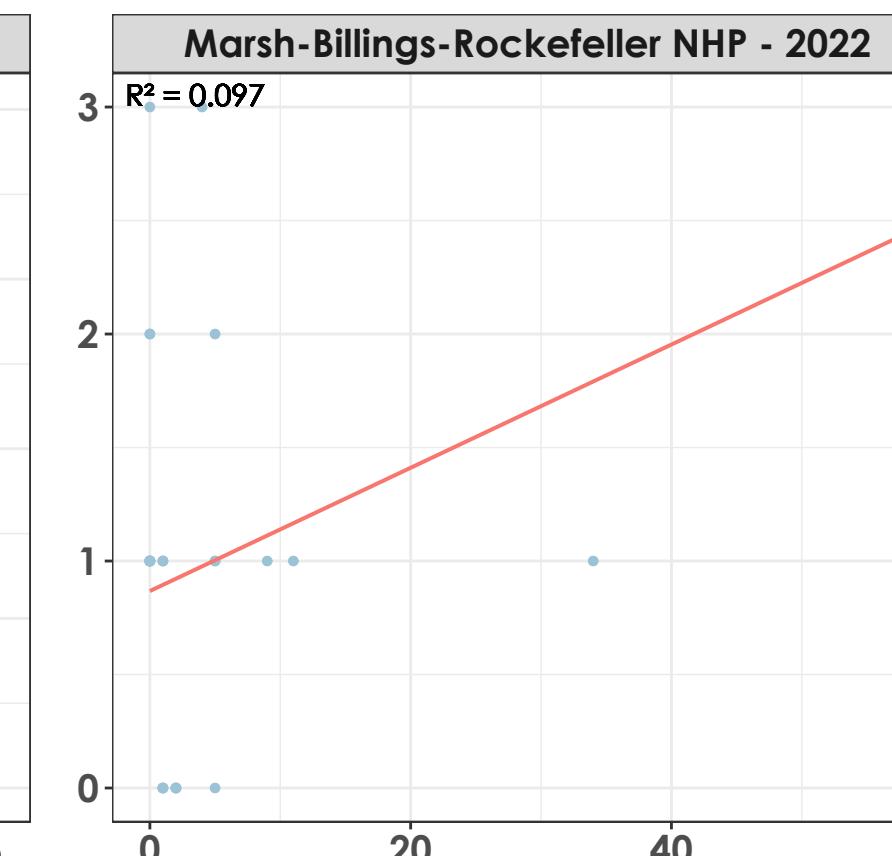
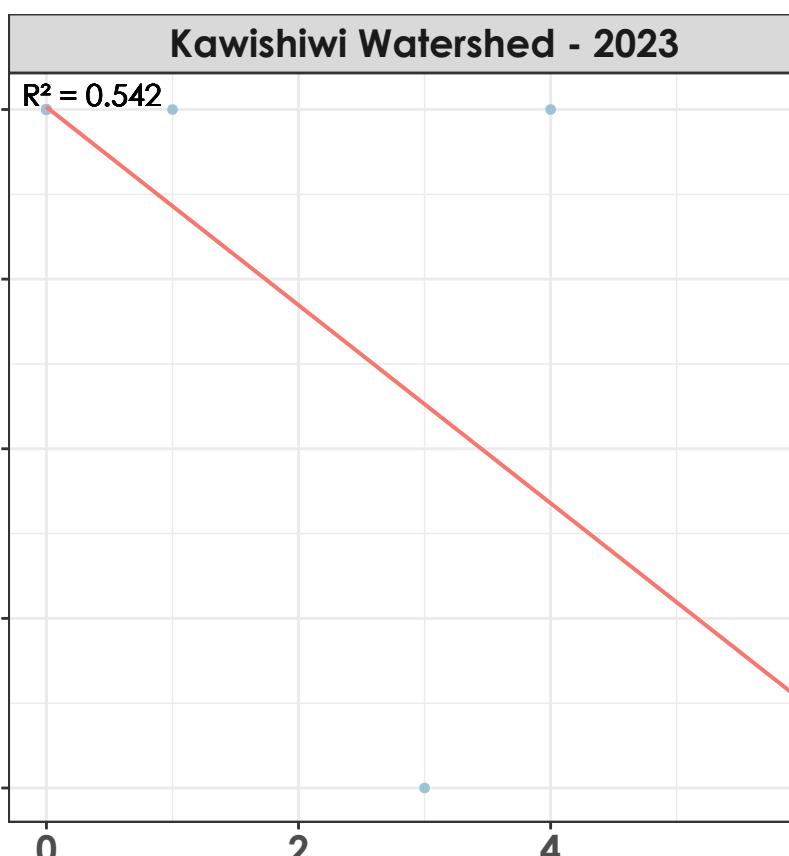
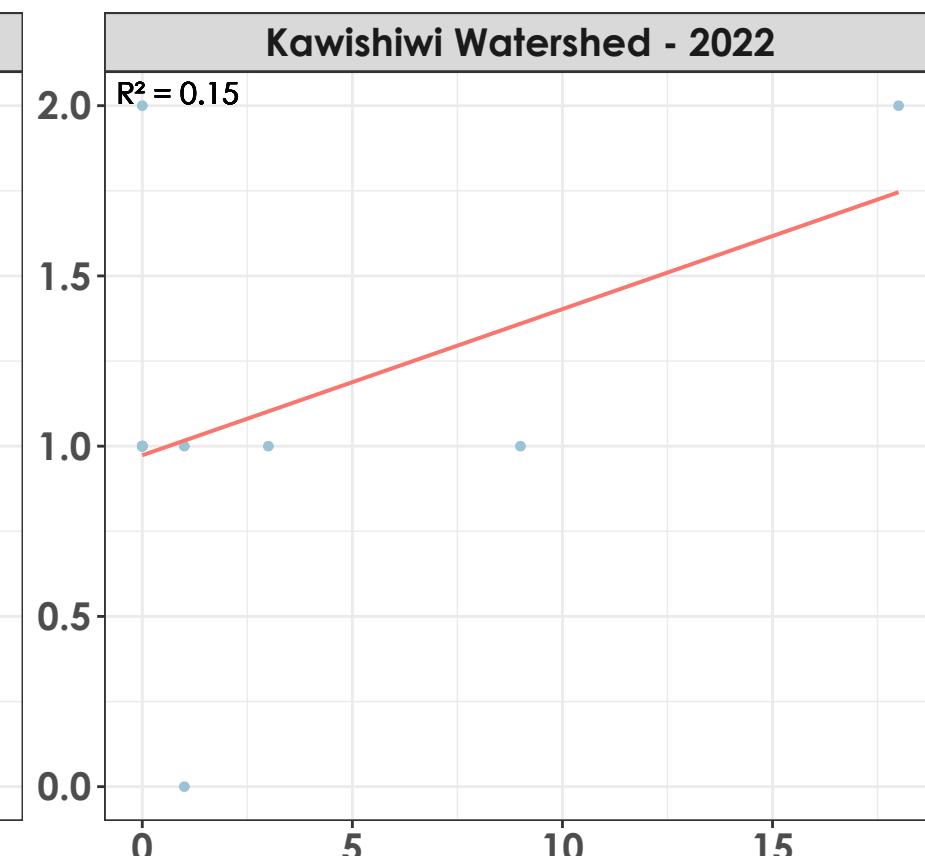
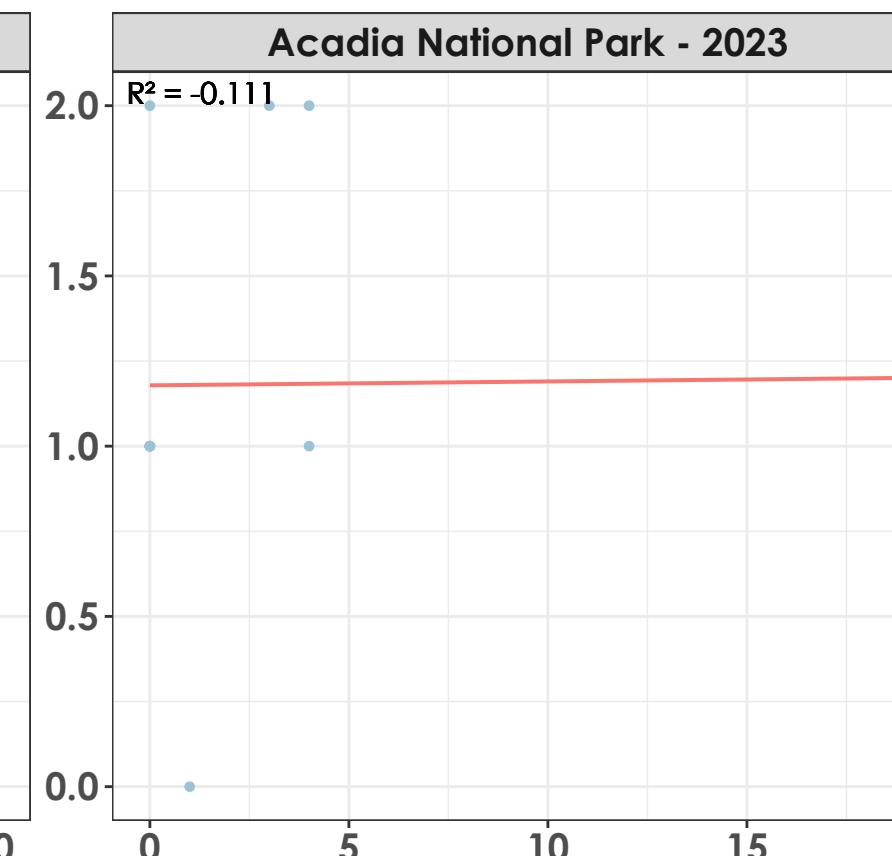
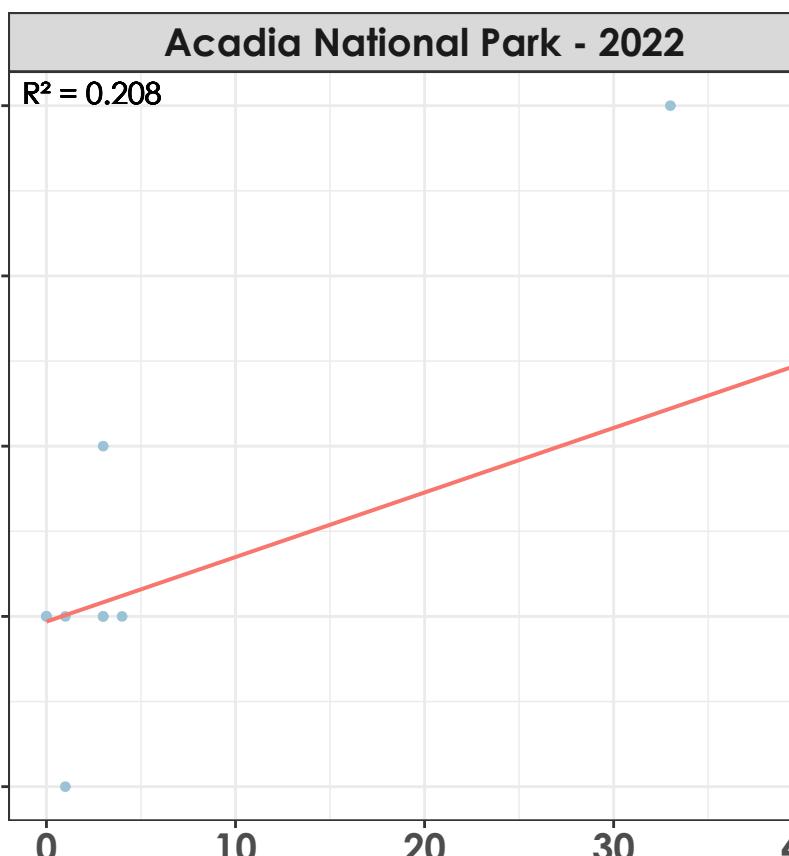
# Dark-eyed Junco

Abundance (from point count data)



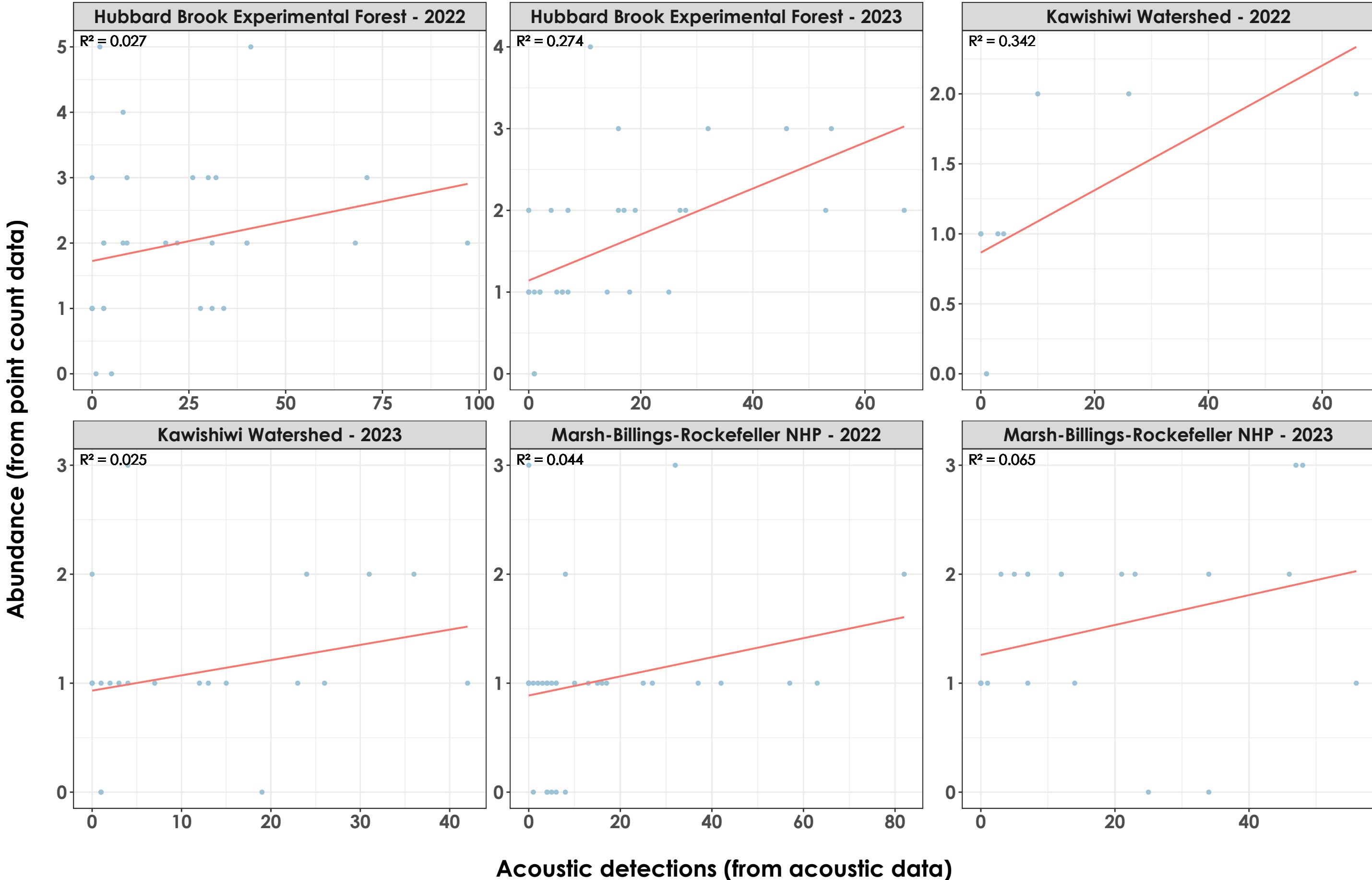
# American Robin

Abundance (from point count data)



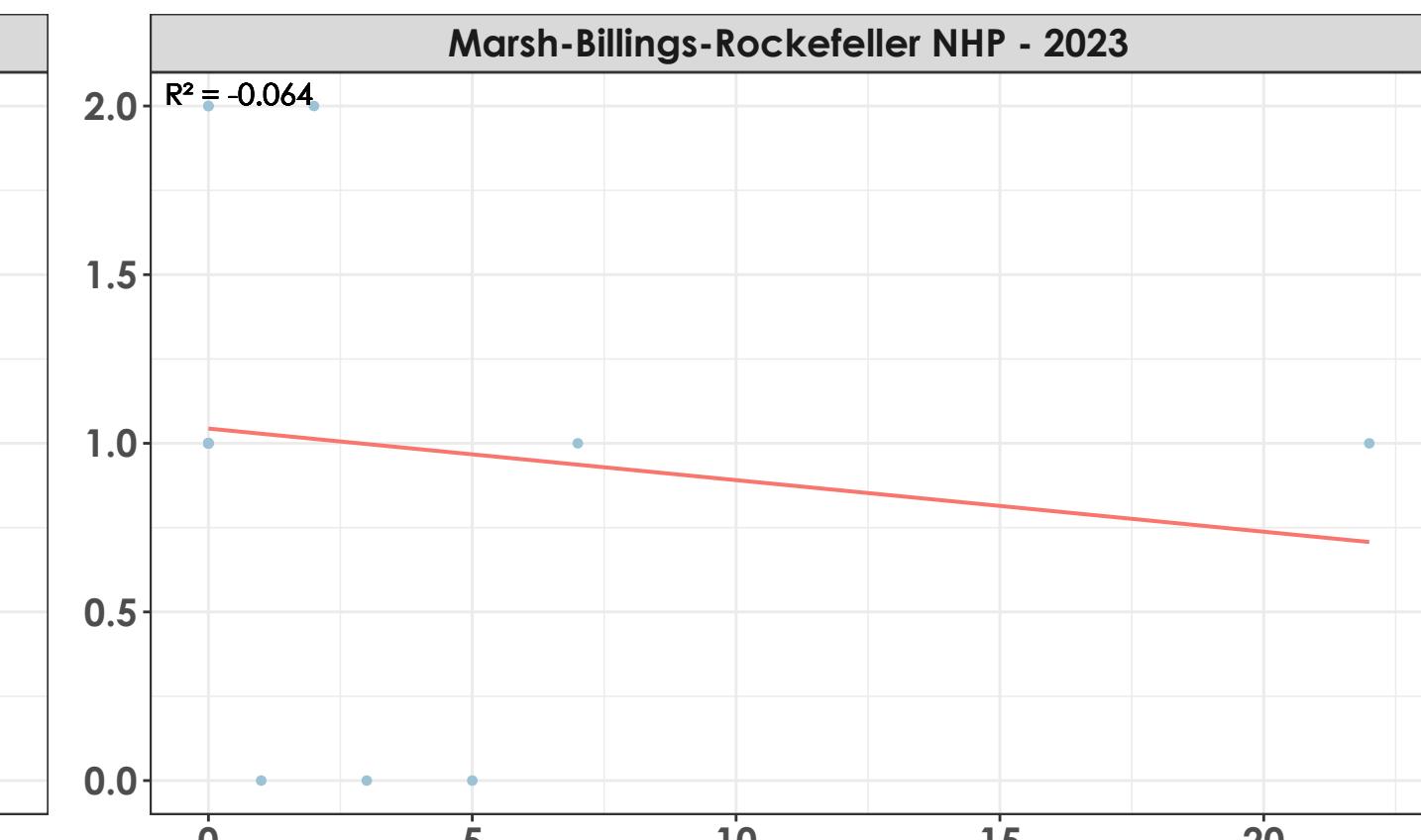
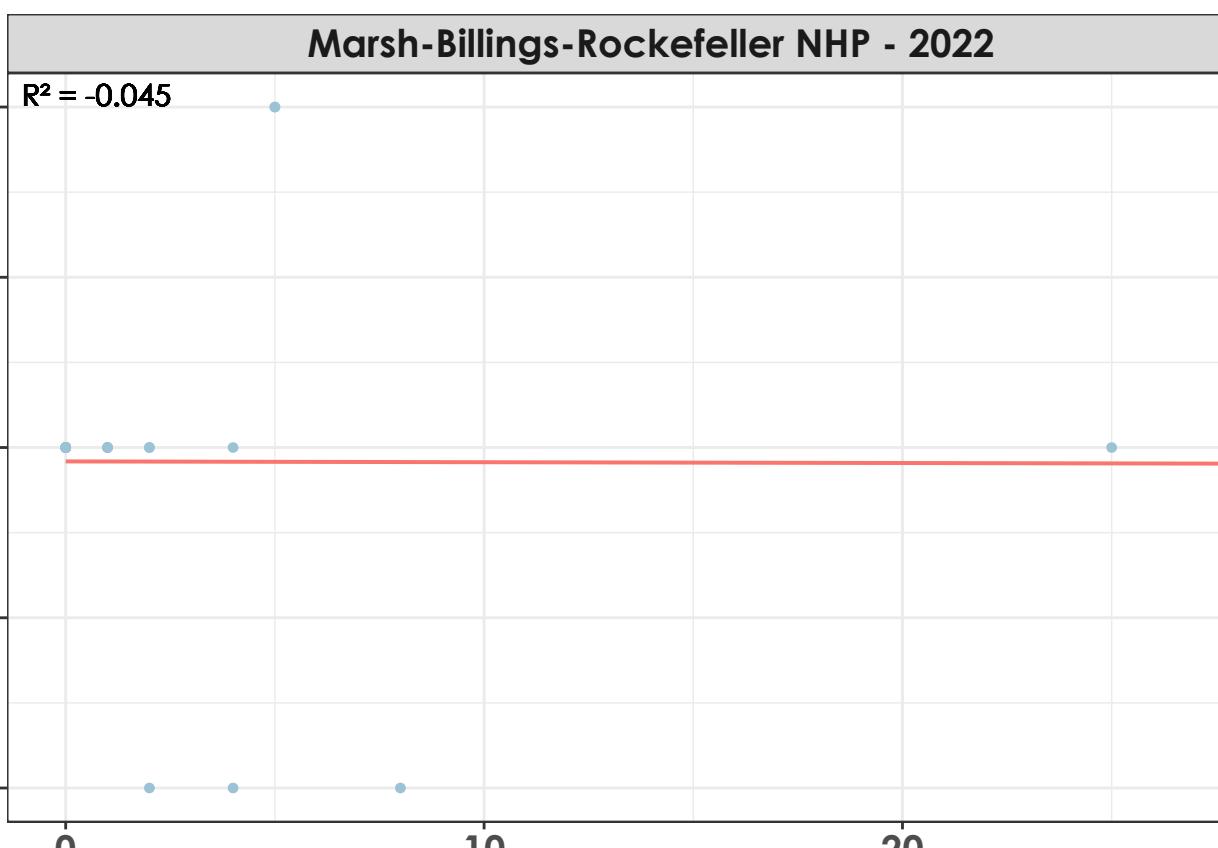
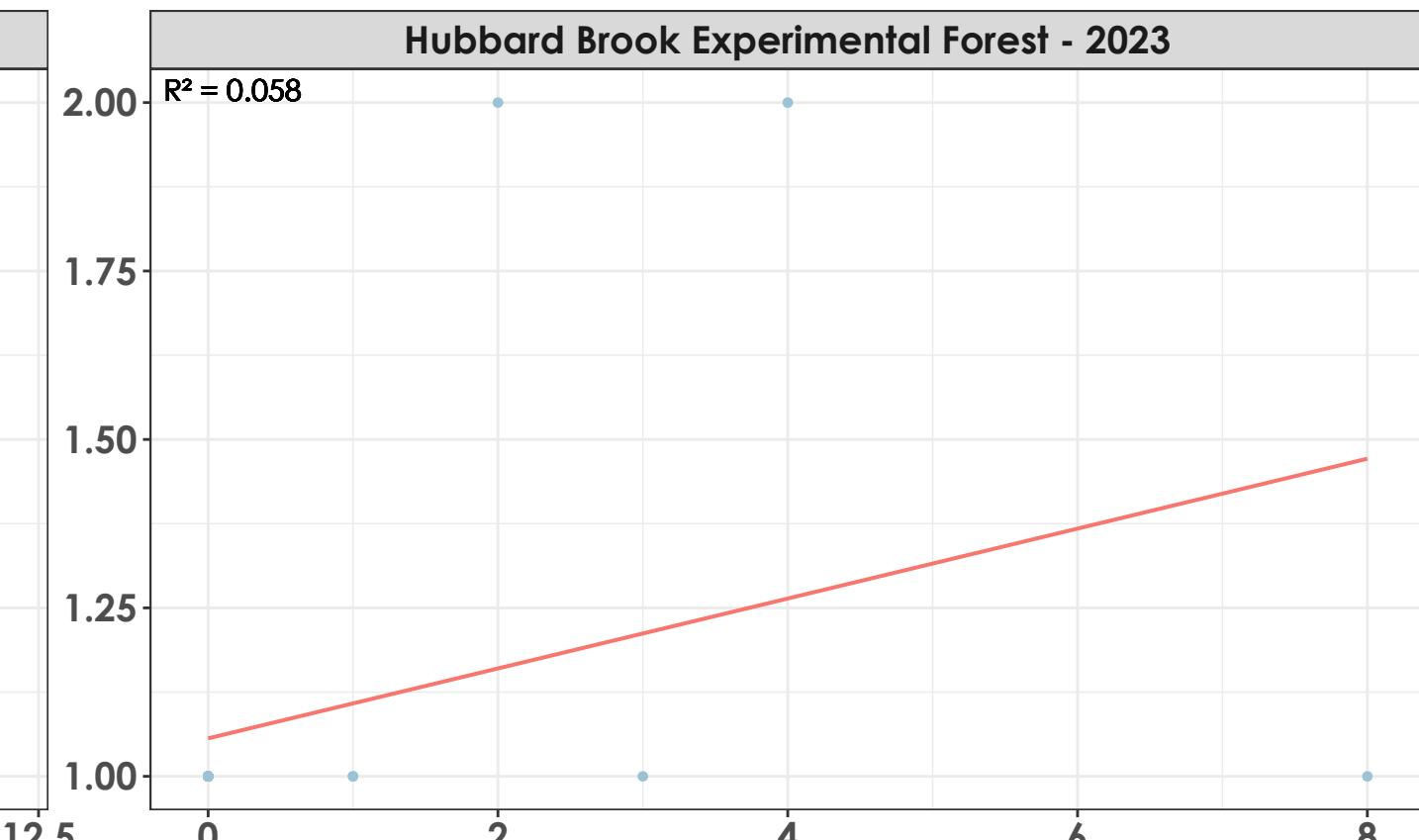
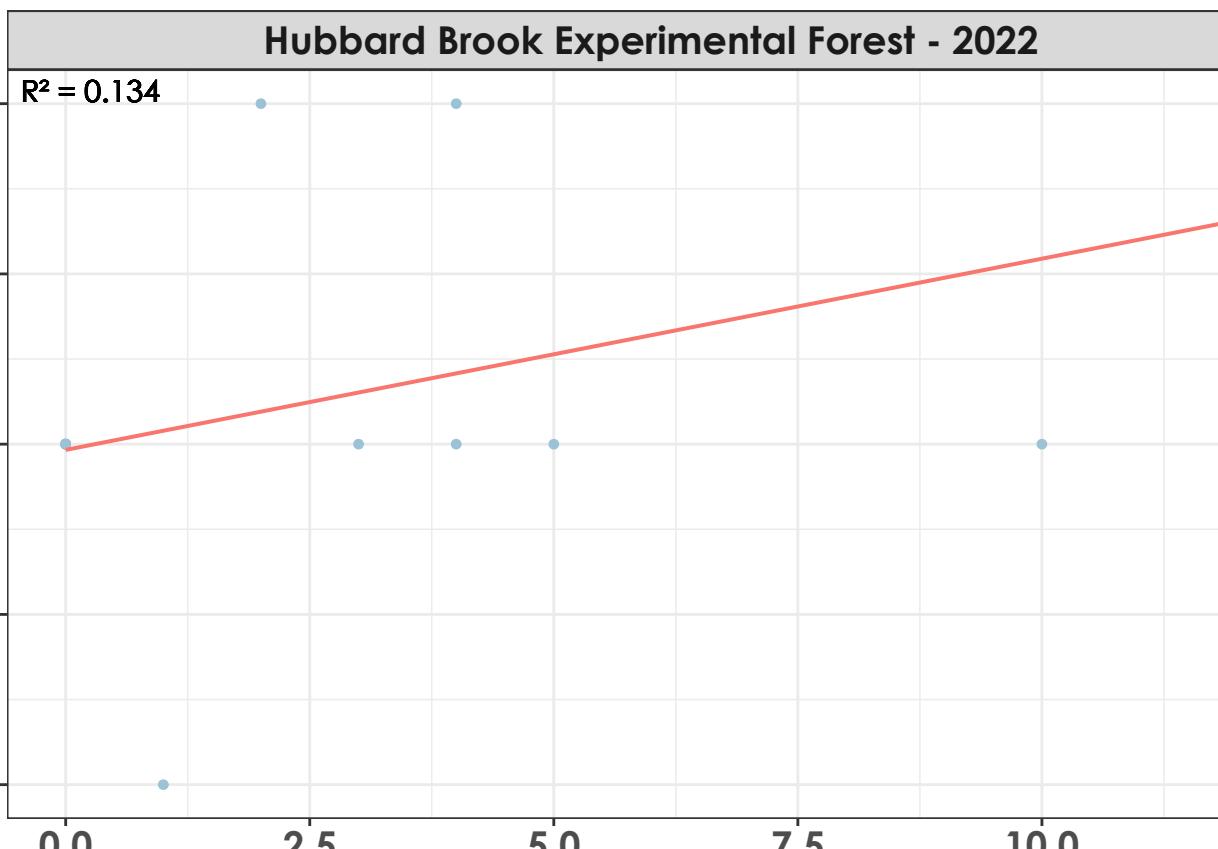
Acoustic detections (from acoustic data)

# Black-throated Blue Warbler



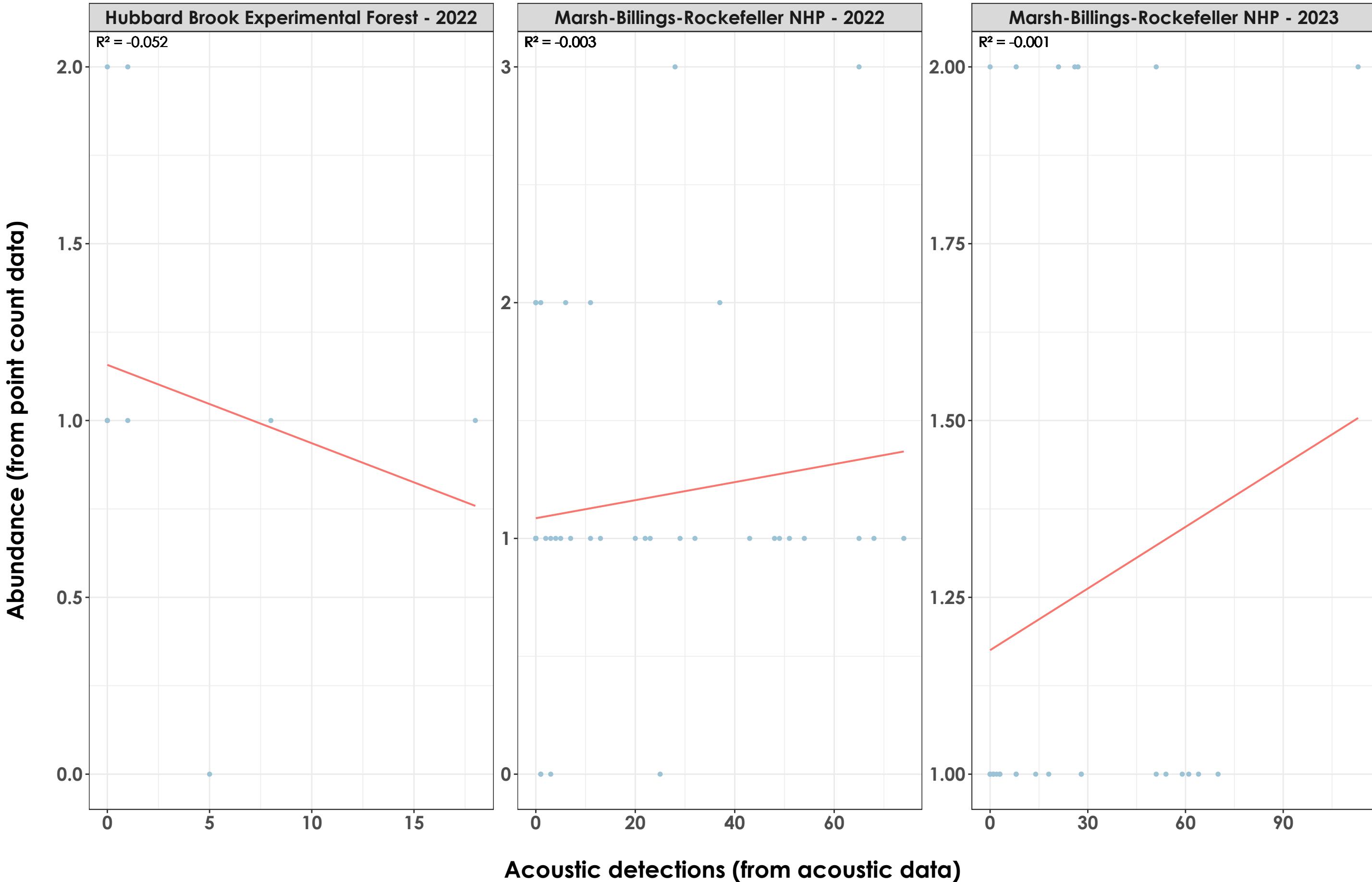
# Yellow-bellied Sapsucker

Abundance (from point count data)



Acoustic detections (from acoustic data)

# Eastern Wood-Pewee

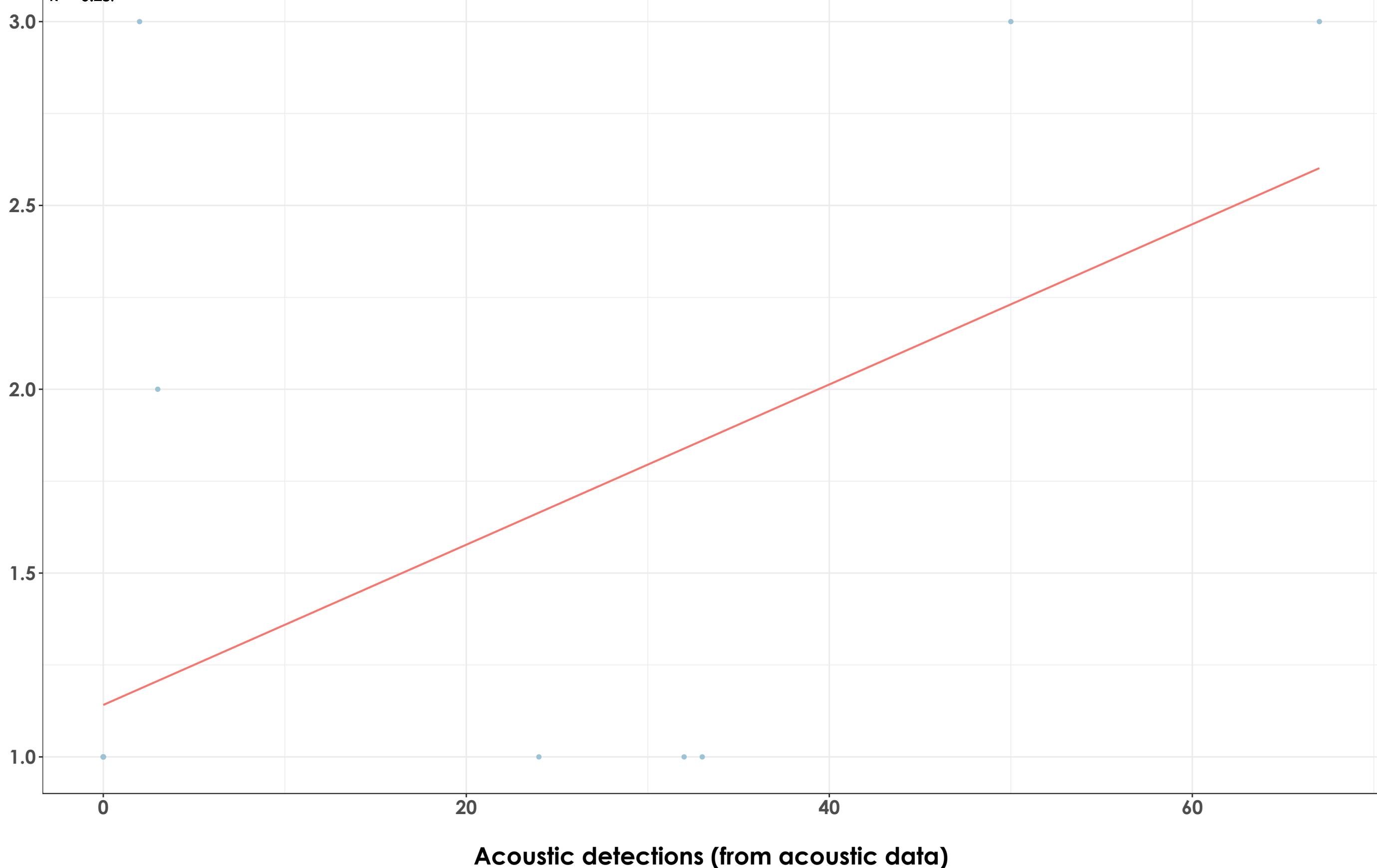


# Swainson's Thrush

Hubbard Brook Experimental Forest - 2023

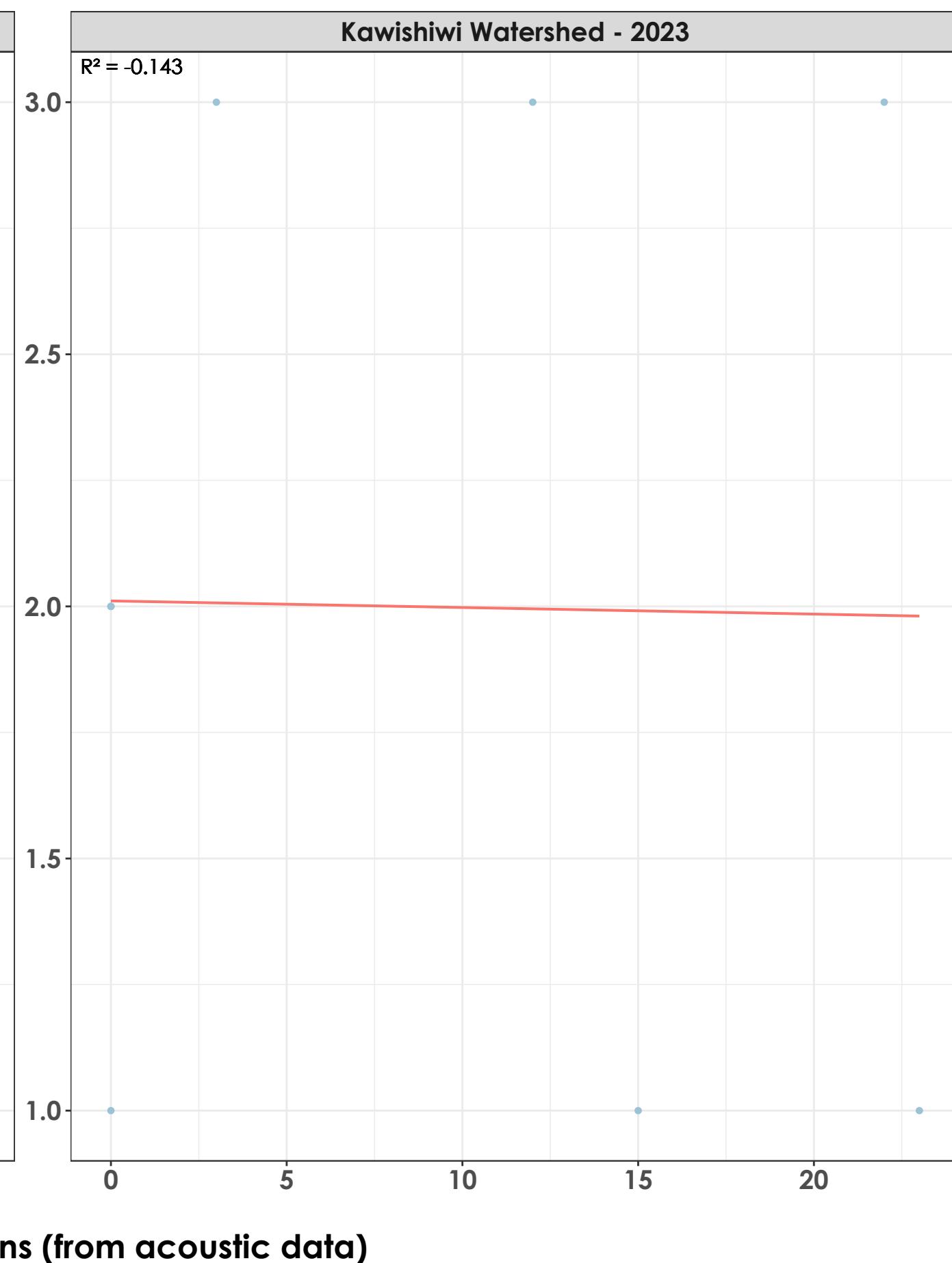
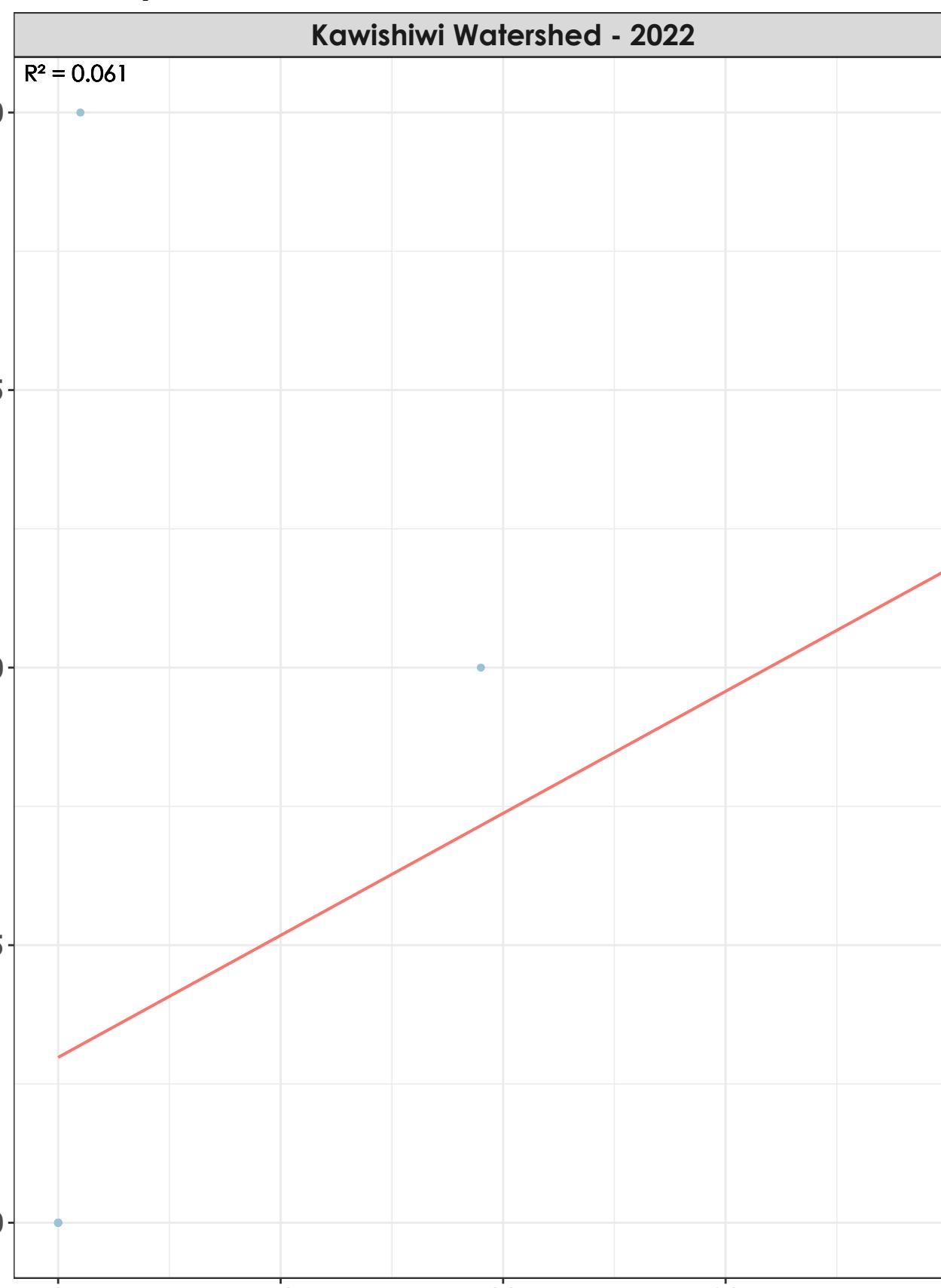
Abundance (from point count data)

R<sup>2</sup> = 0.287



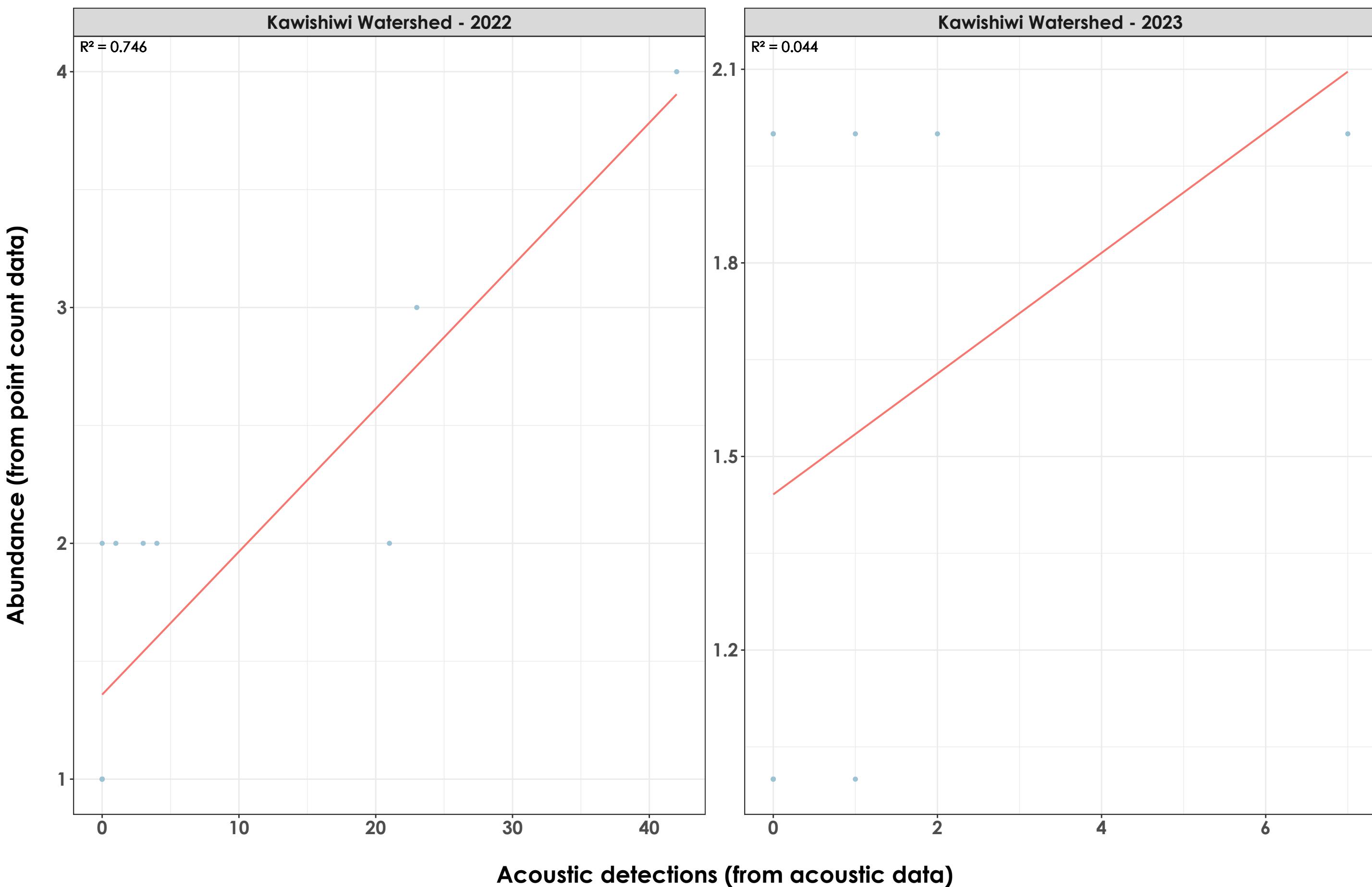
# Least Flycatcher

Abundance (from point count data)



Acoustic detections (from acoustic data)

# American Redstart

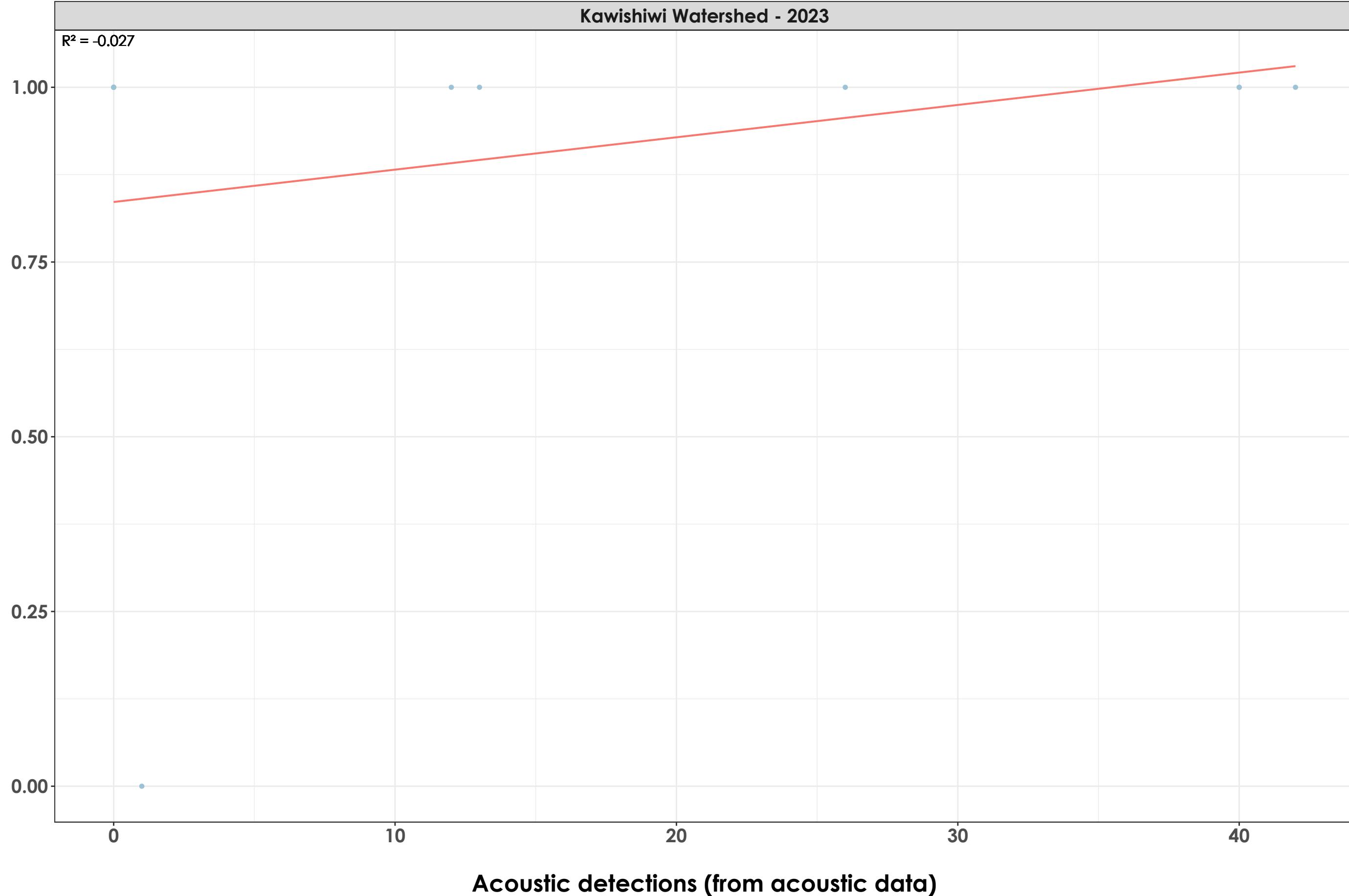


# Common Yellowthroat

Kawishiwi Watershed - 2023

$R^2 = -0.027$

Abundance (from point count data)



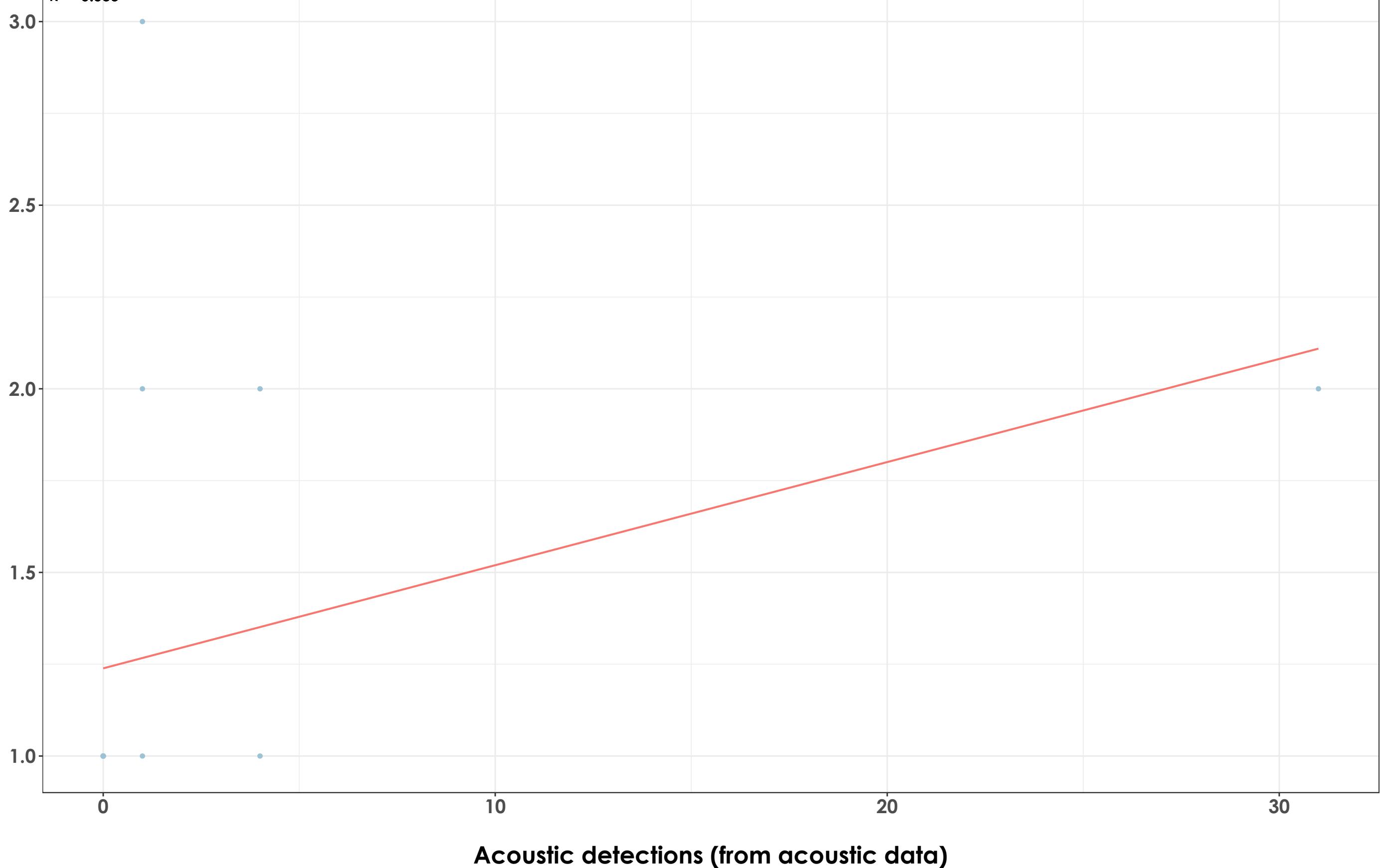
Acoustic detections (from acoustic data)

# White-throated Sparrow

Kawishiwi Watershed - 2023

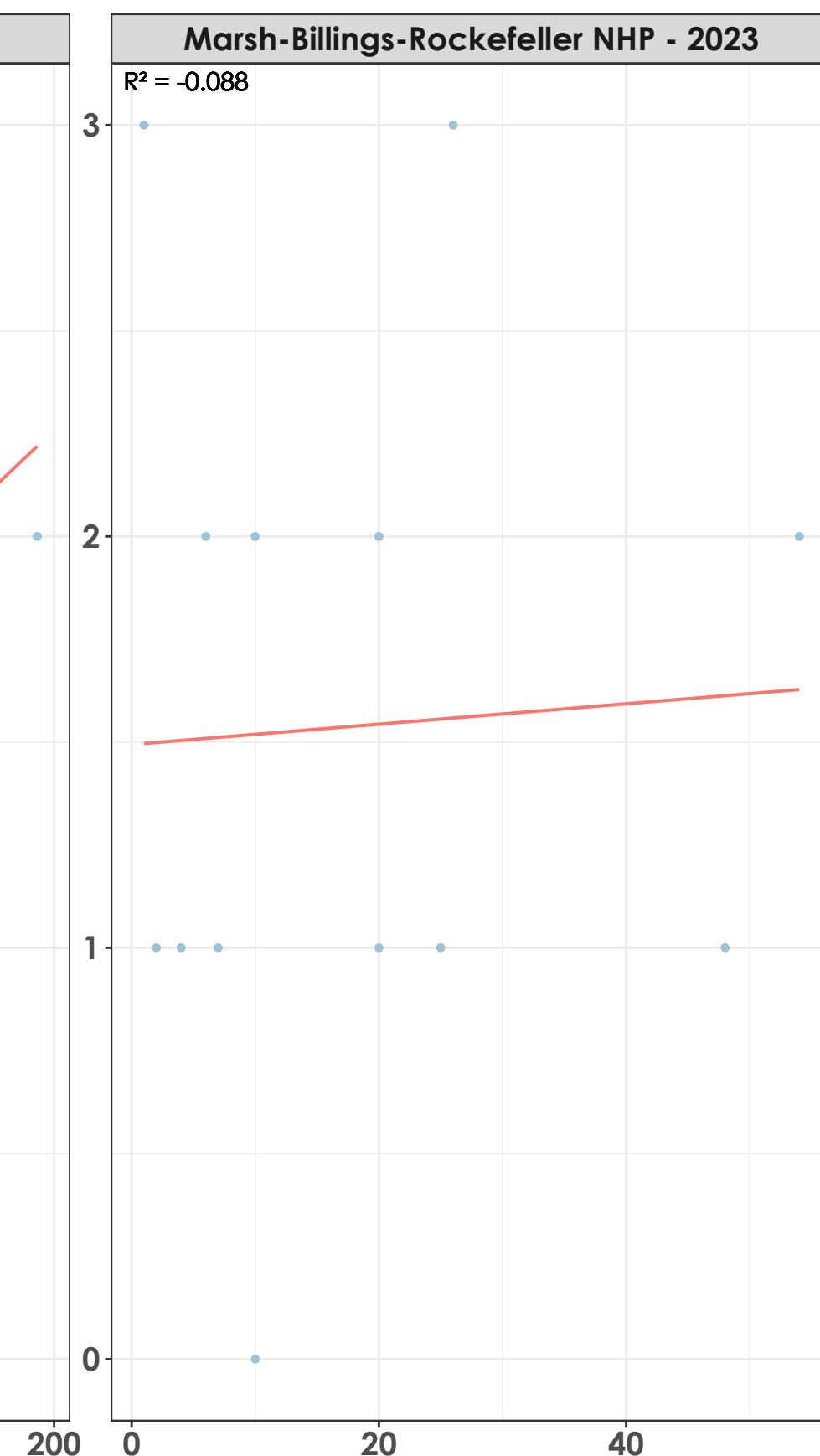
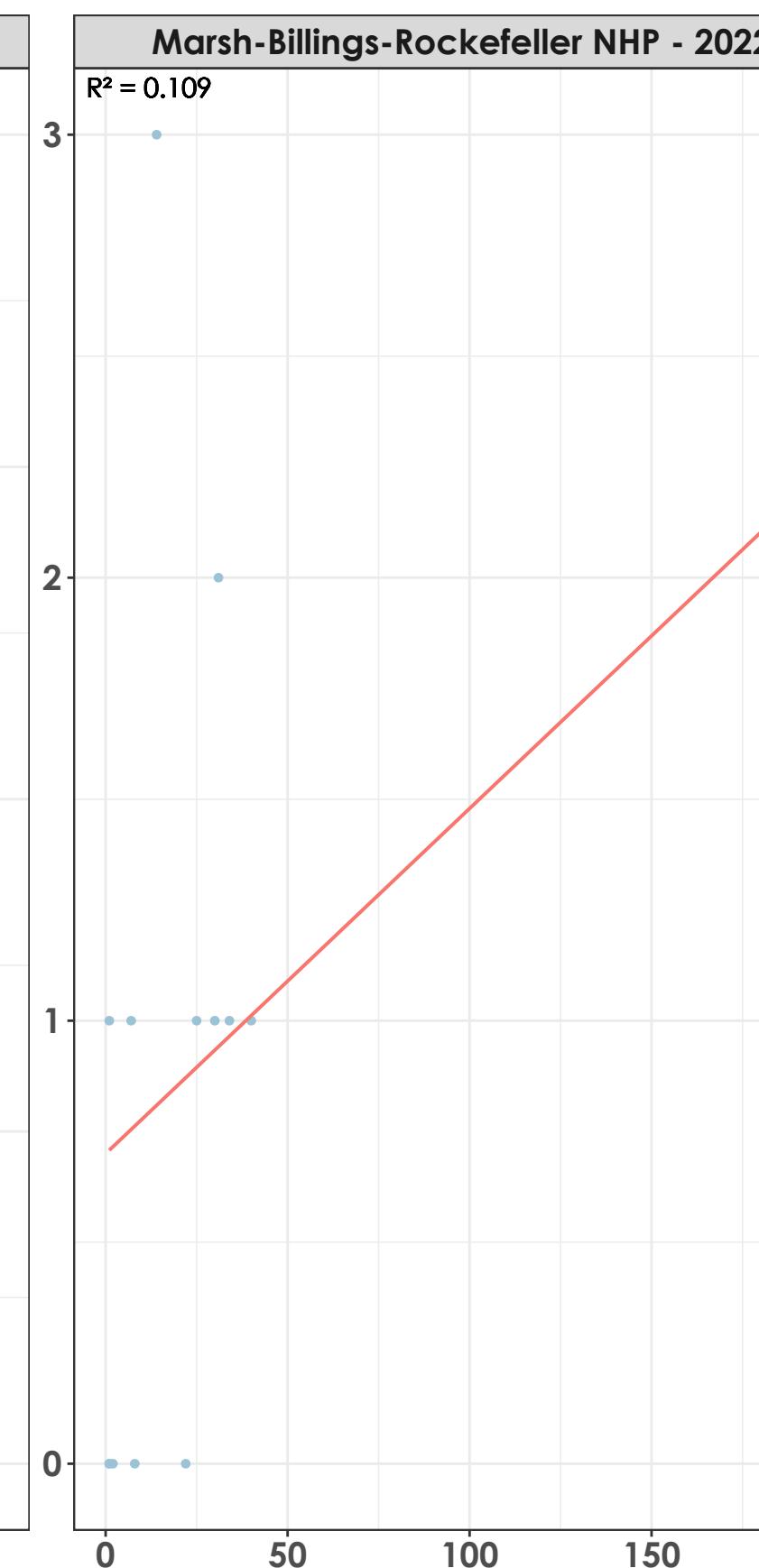
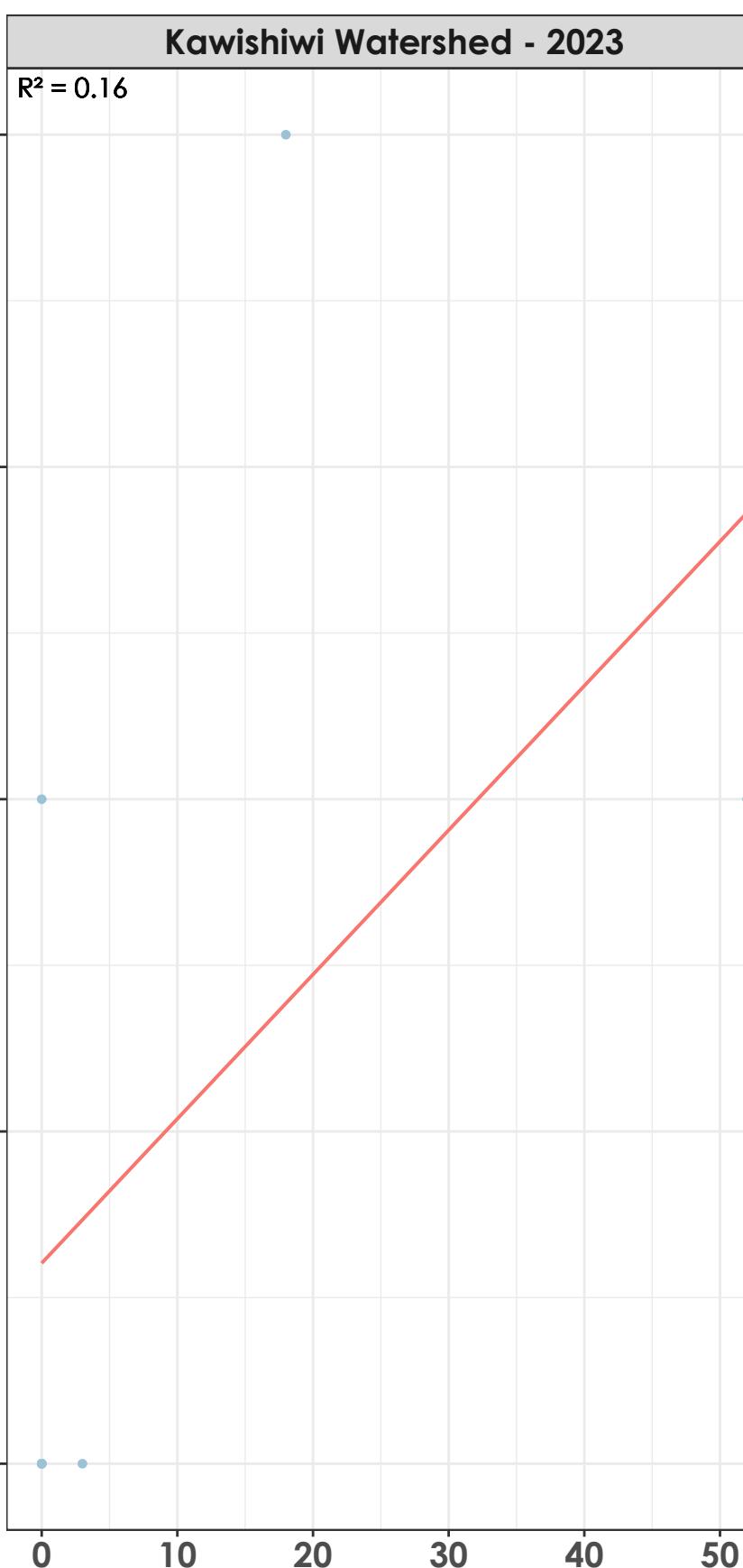
Abundance (from point count data)

R<sup>2</sup> = 0.066



# Chestnut-sided Warbler

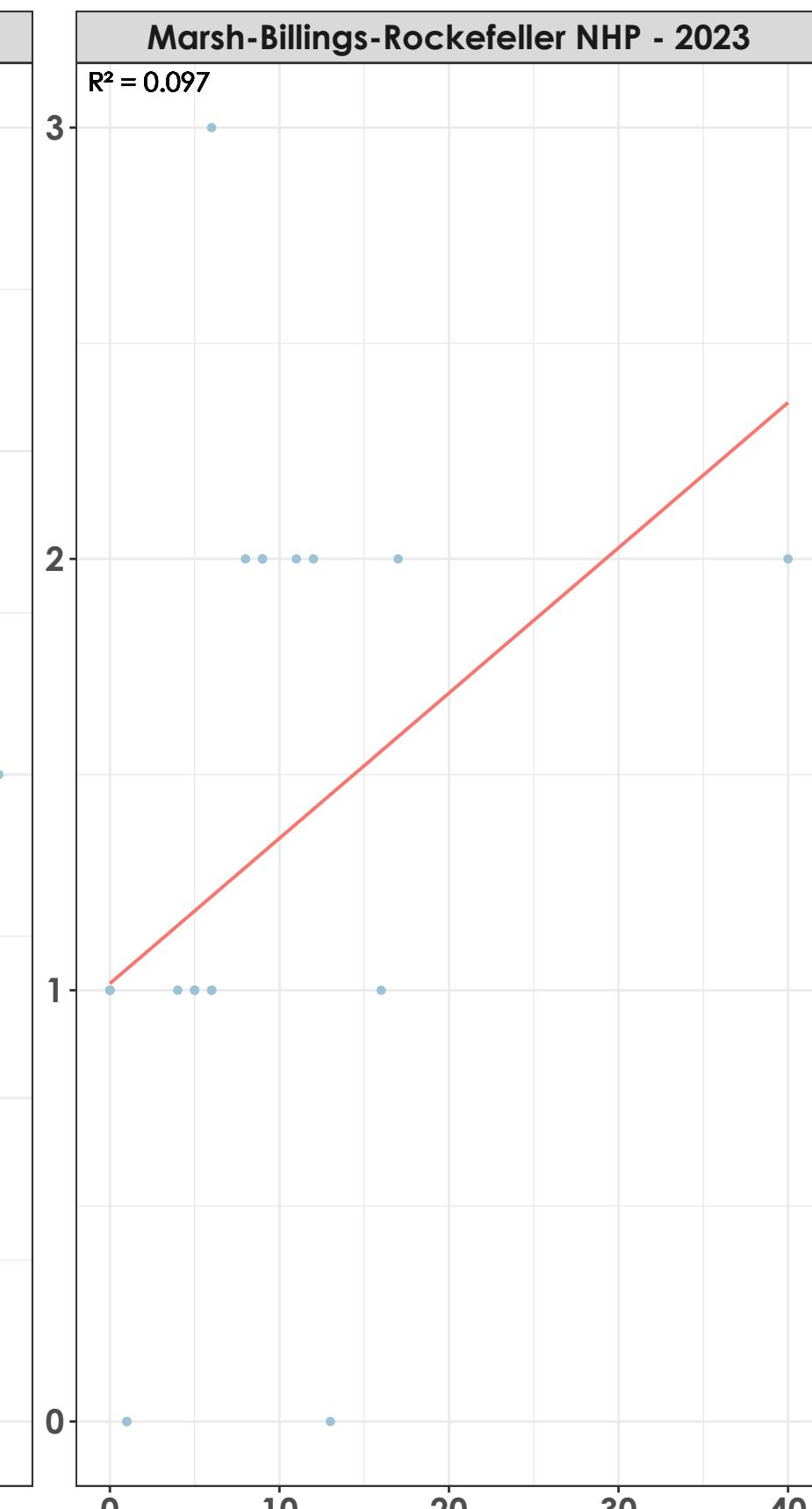
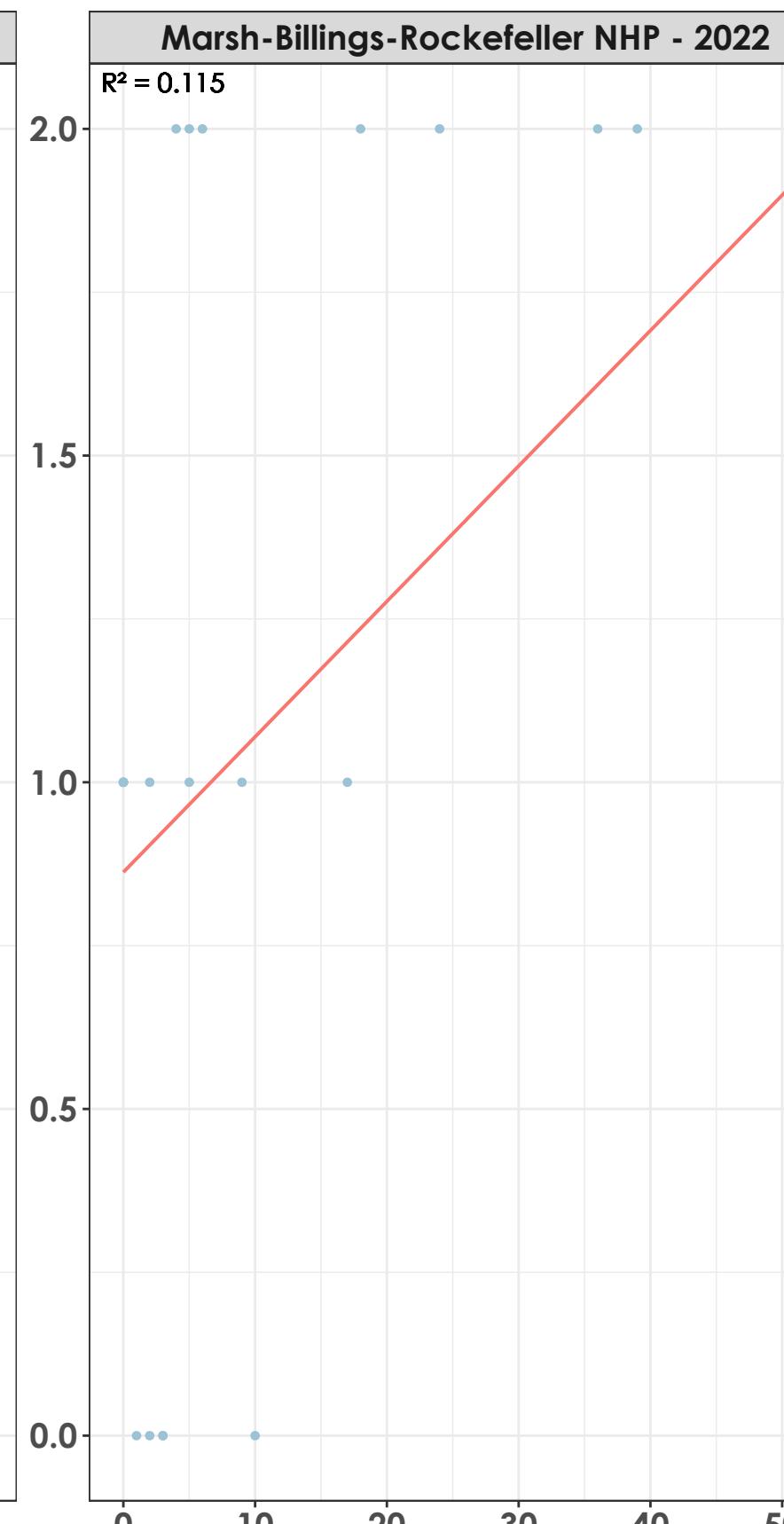
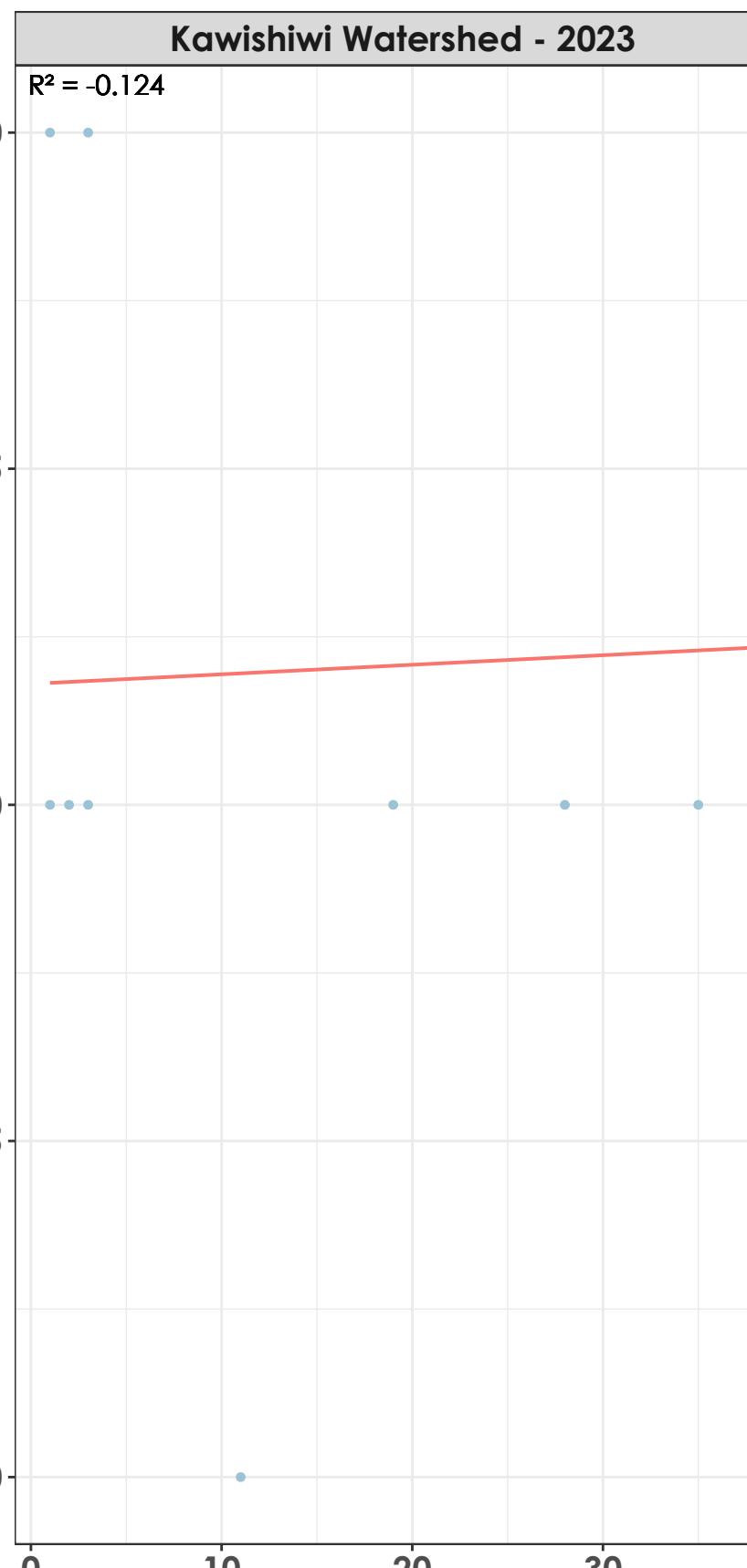
Abundance (from point count data)



Acoustic detections (from acoustic data)

# Pine Warbler

Abundance (from point count data)



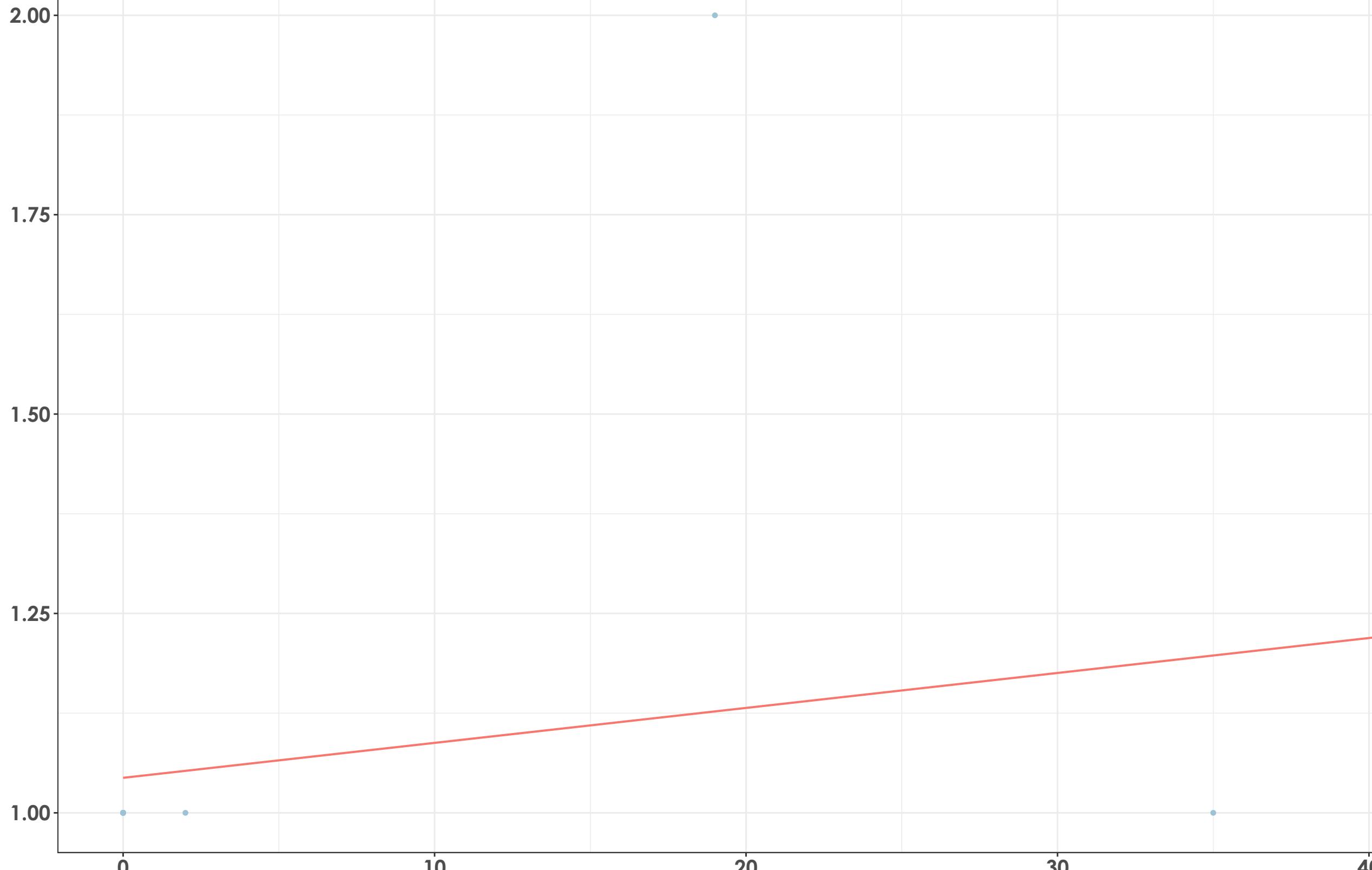
Acoustic detections (from acoustic data)

# Nashville Warbler

Kawishiwi Watershed - 2023

Abundance (from point count data)

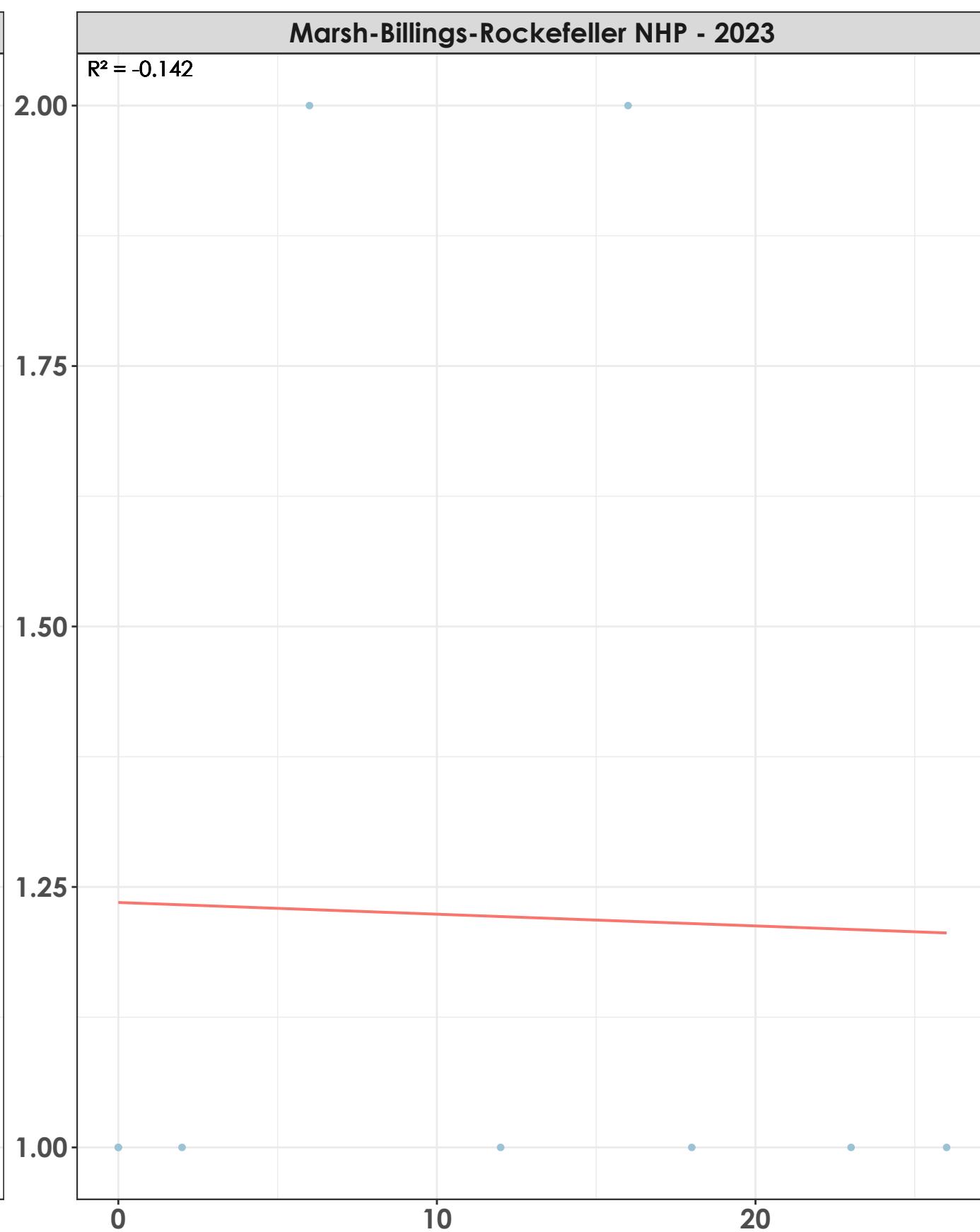
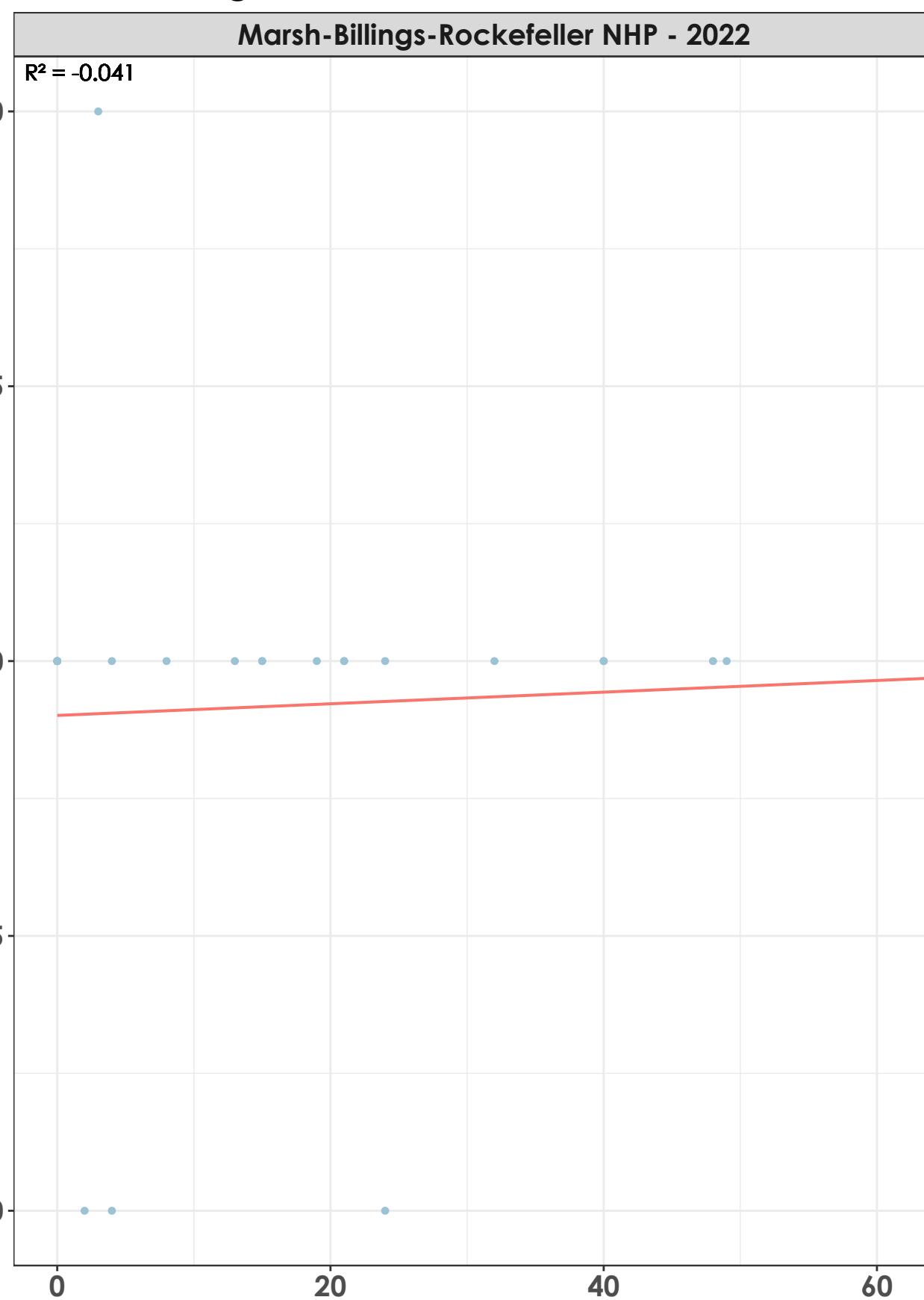
$R^2 = -0.032$



Acoustic detections (from acoustic data)

# Scarlet Tanager

Abundance (from point count data)



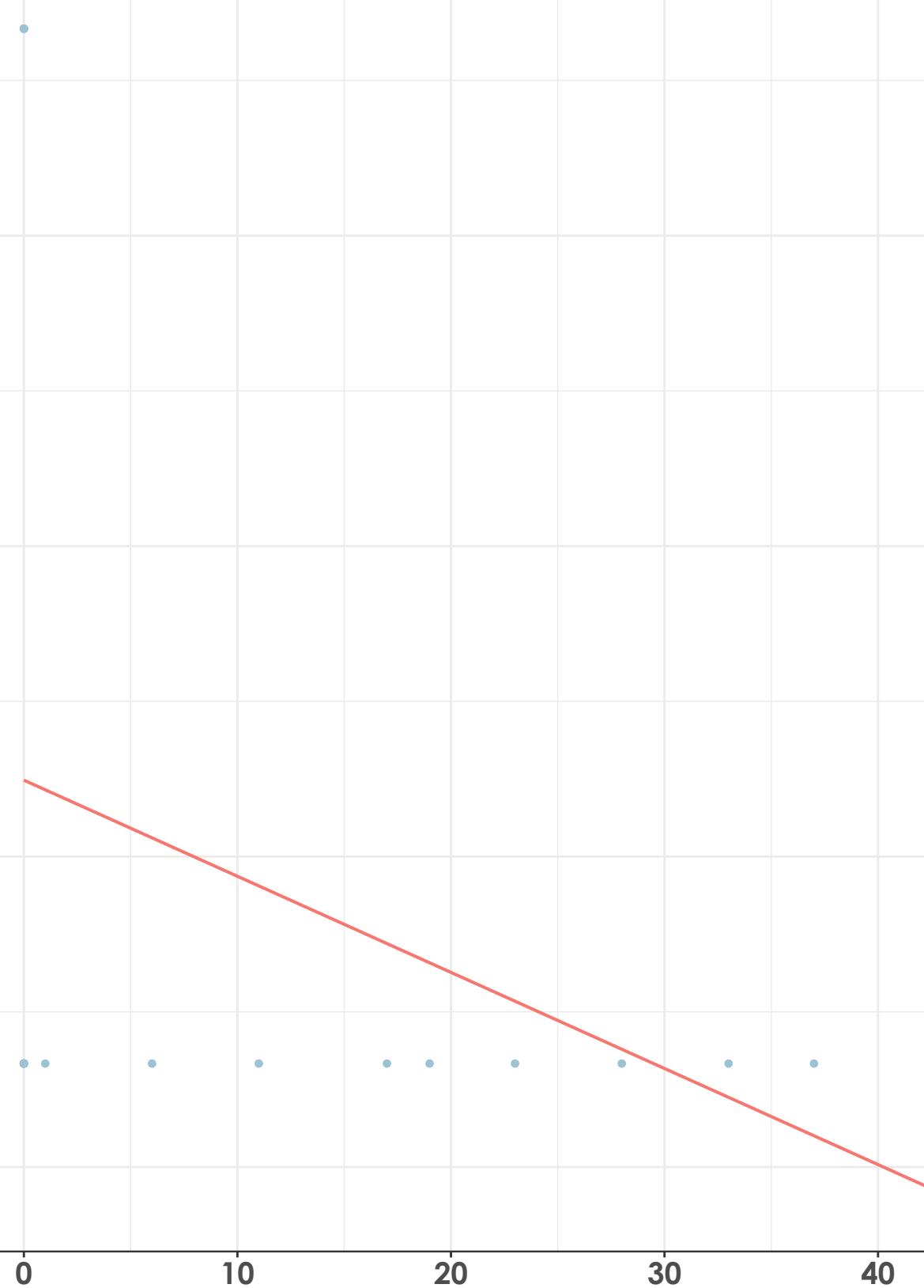
Acoustic detections (from acoustic data)

# Wood Thrush

Abundance (from point count data)

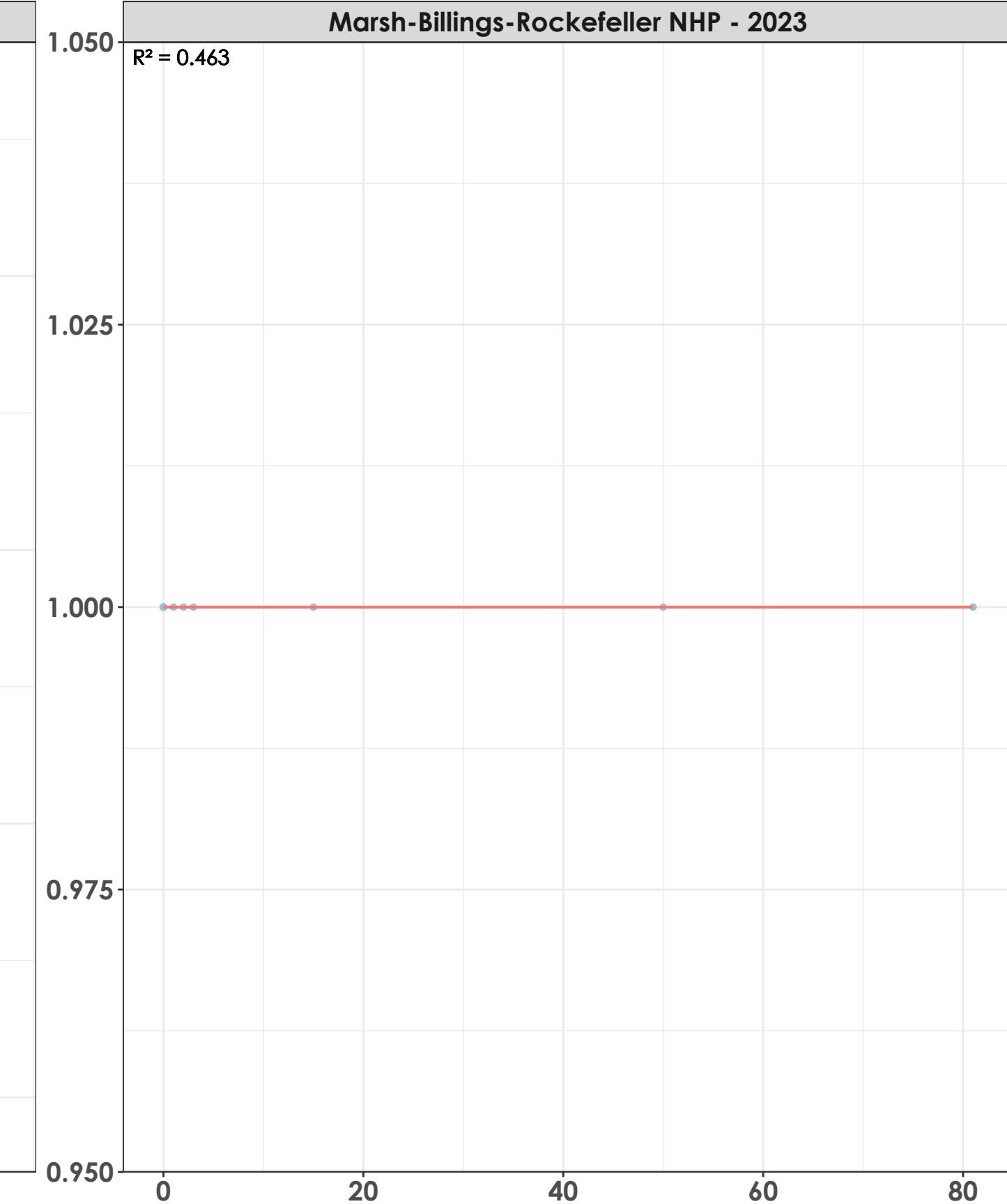
Marsh-Billings-Rockefeller NHP - 2022

$R^2 = 0.068$



Marsh-Billings-Rockefeller NHP - 2023

$R^2 = 0.463$



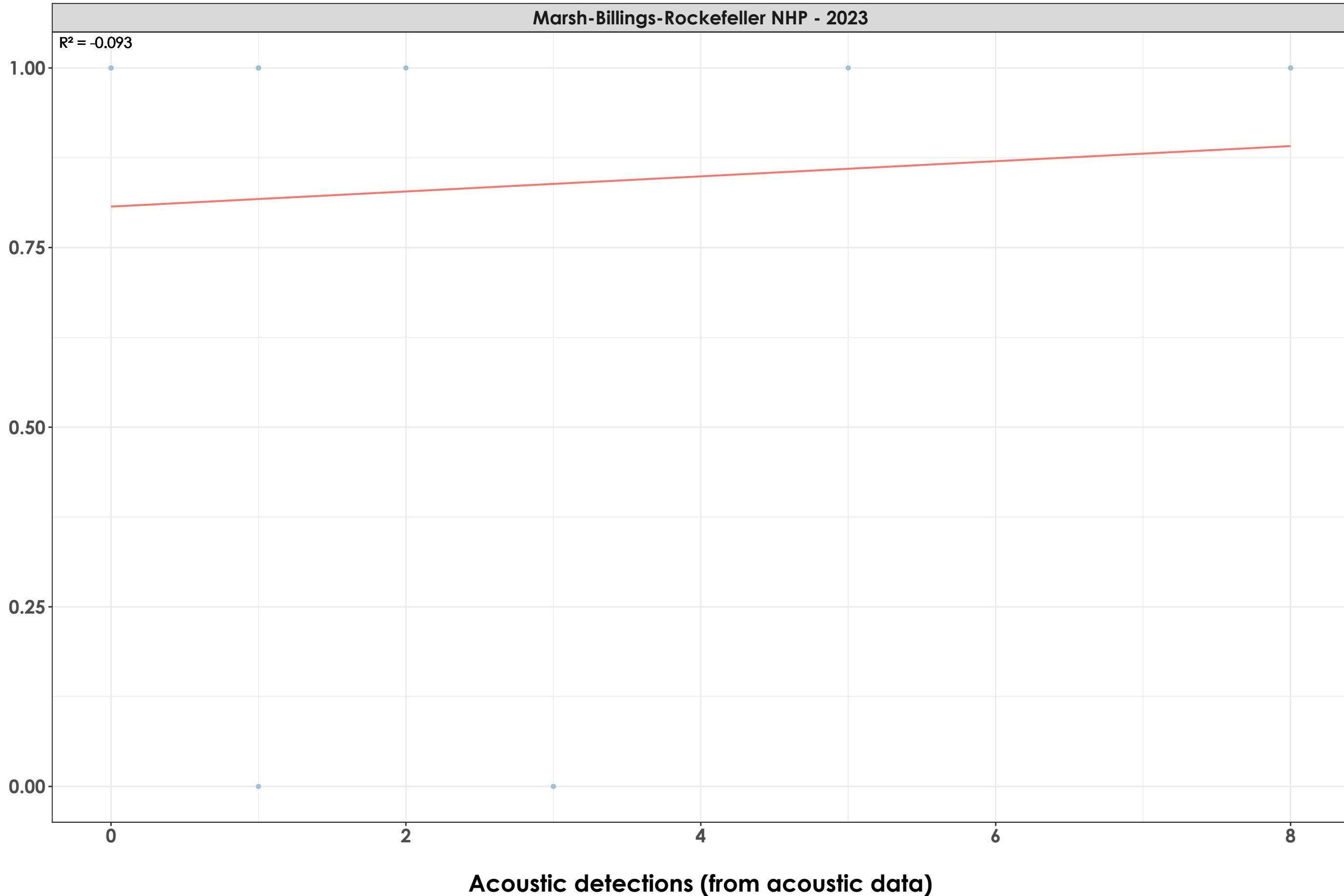
Acoustic detections (from acoustic data)

# Pileated Woodpecker

Marsh-Billings-Rockefeller NHP - 2023

$R^2 = -0.093$

Abundance (from point count data)



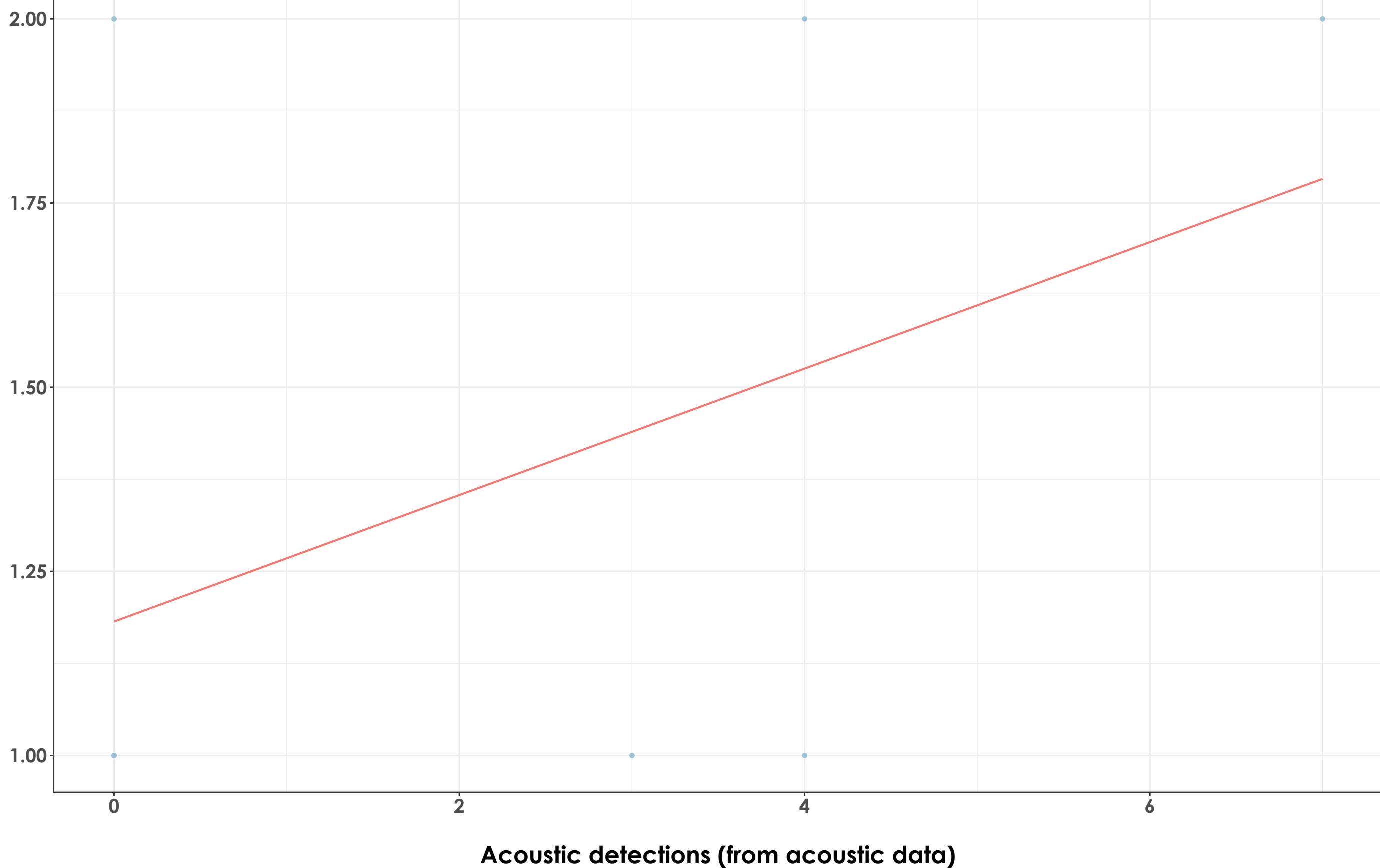
Acoustic detections (from acoustic data)

# White-breasted Nuthatch

Marsh-Billings-Rockefeller NHP - 2023

Abundance (from point count data)

$R^2 = 0.06$



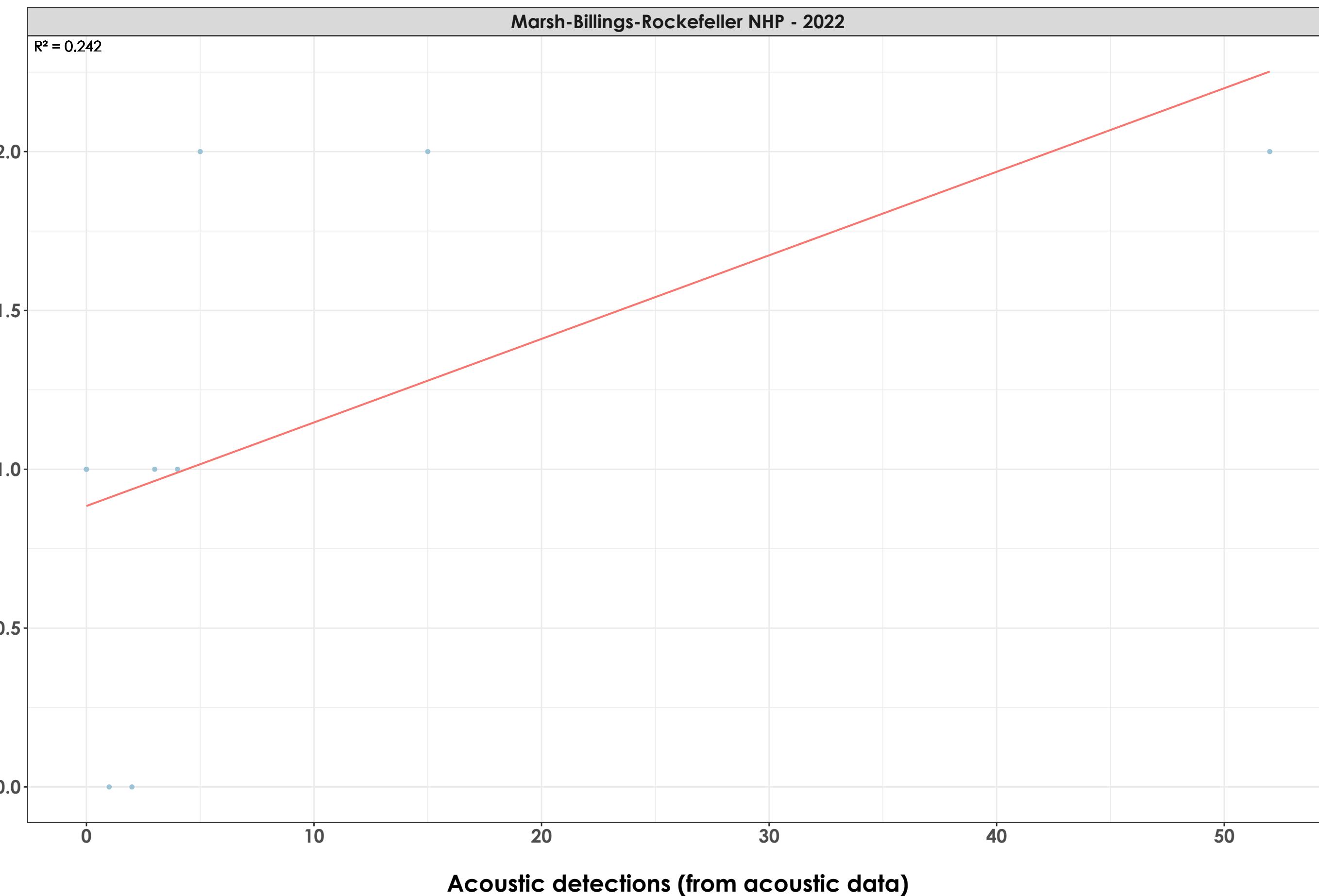
# Indigo Bunting

Marsh-Billings-Rockefeller NHP - 2022

R<sup>2</sup> = 0.242

Abundance (from point count data)

Acoustic detections (from acoustic data)



## Marsh-Billings-Rockefeller NHP - 2023

Abundance (from point count data)

 $R^2 = 0.521$ 