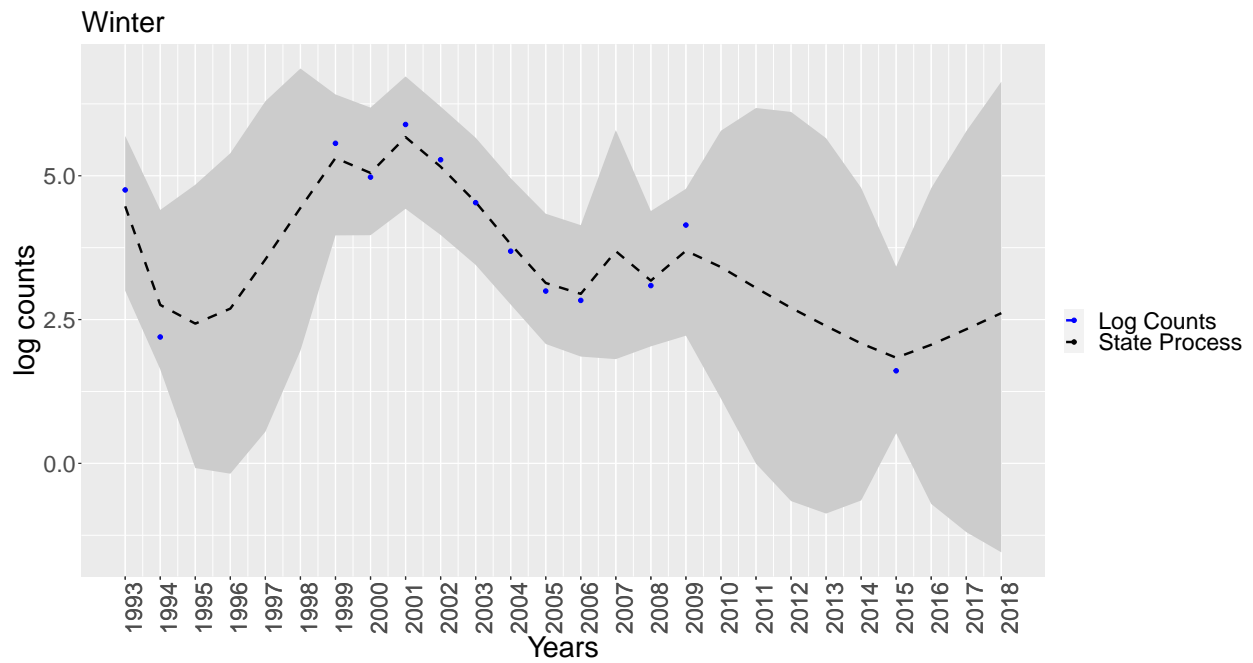
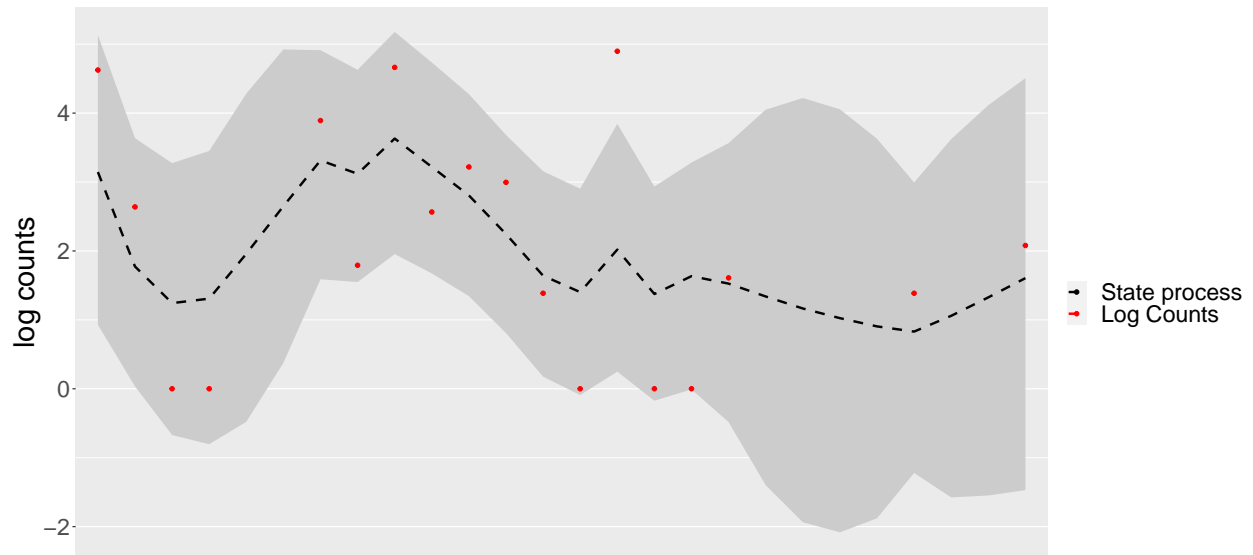


Appendix B

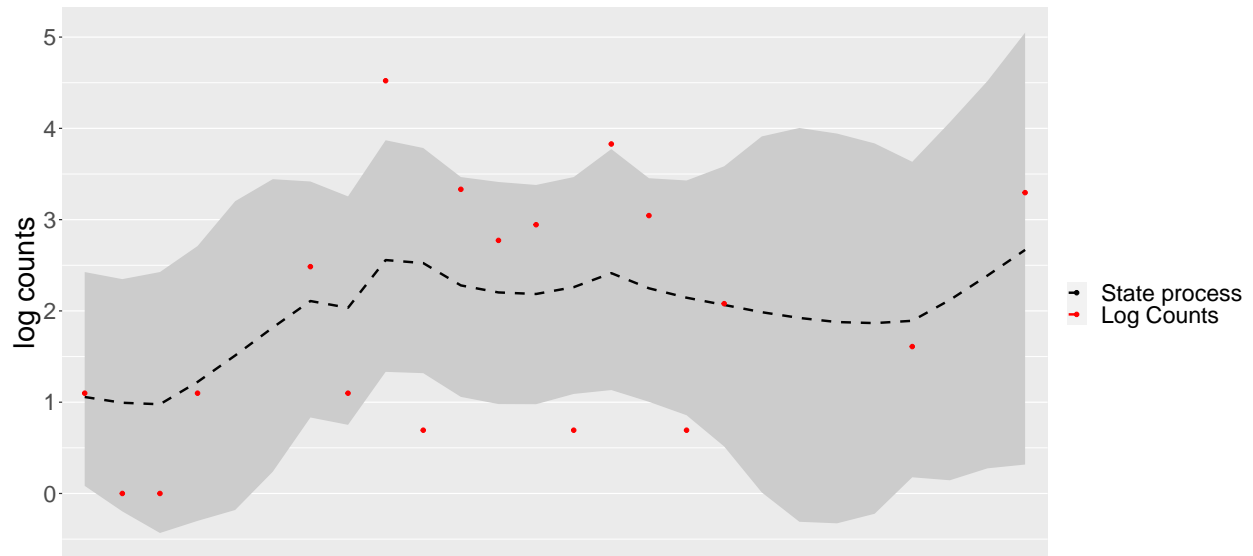
State-space time series output for each waterbird found in the Coordinated Waterbird
Counts (CWAC) records for Barberspan

Residents

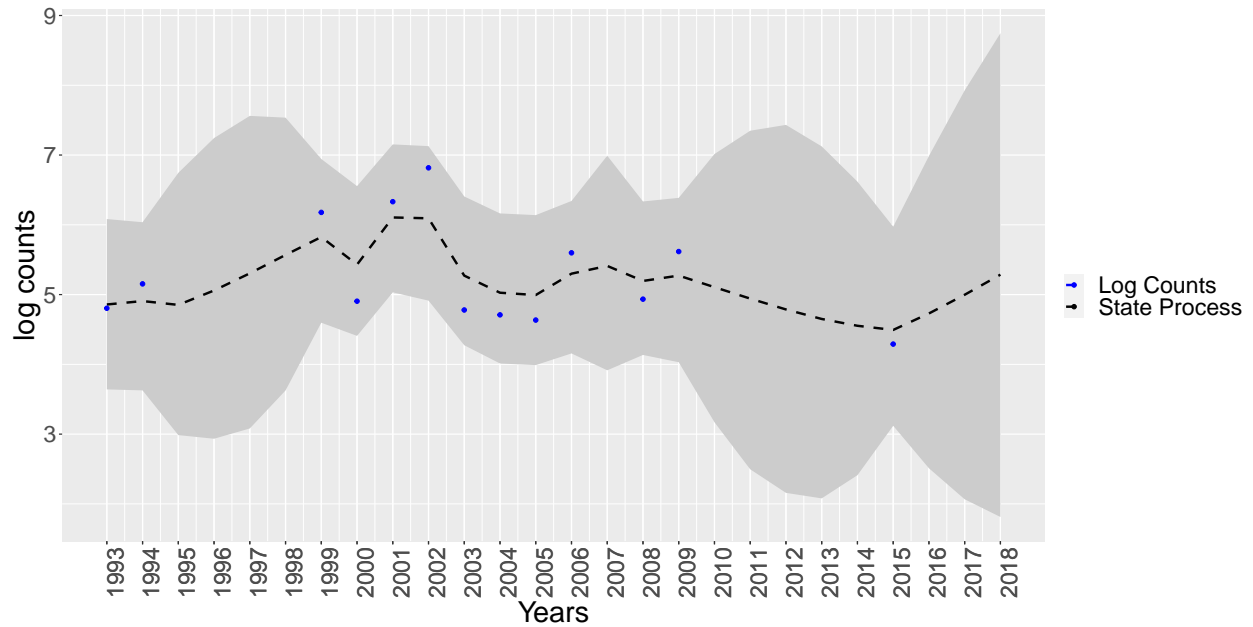
Great Crested Grebe (Avg slope = -0.03)
Summer



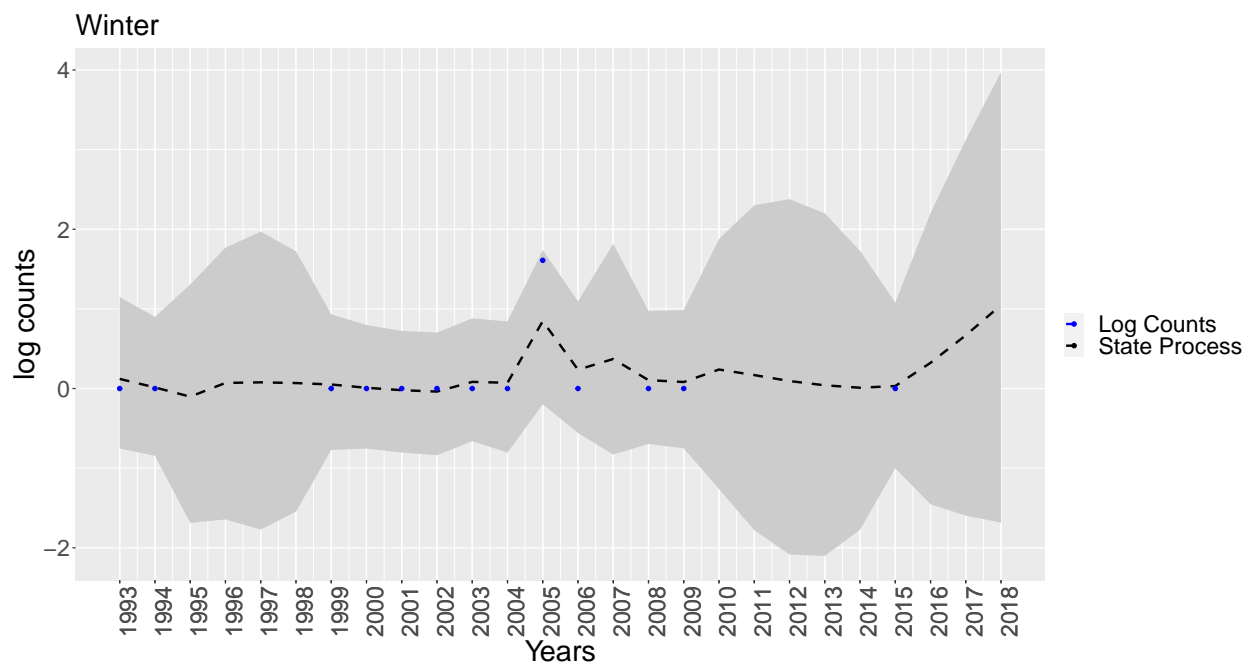
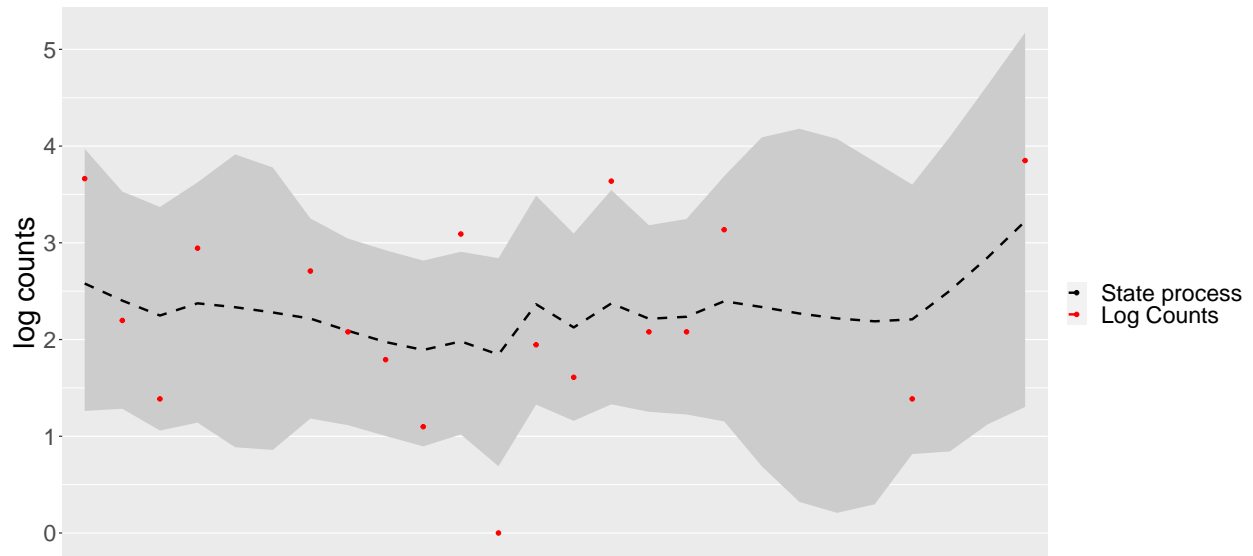
Little Grebe (Avg slope = 0.06)
Summer



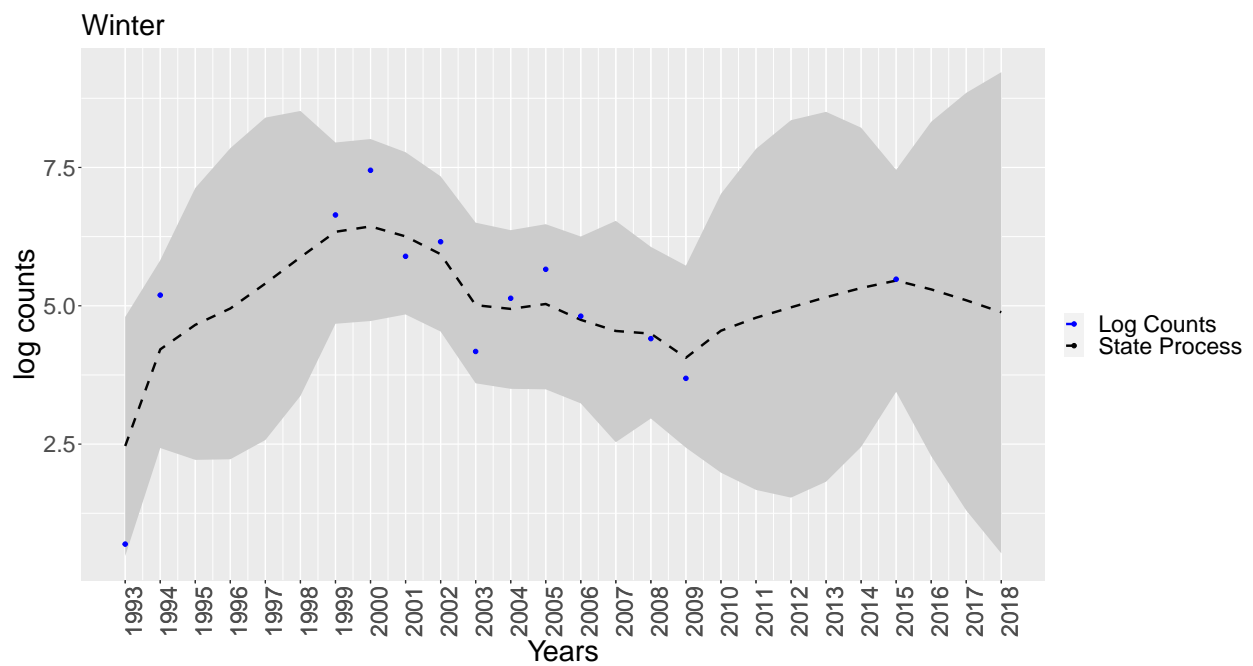
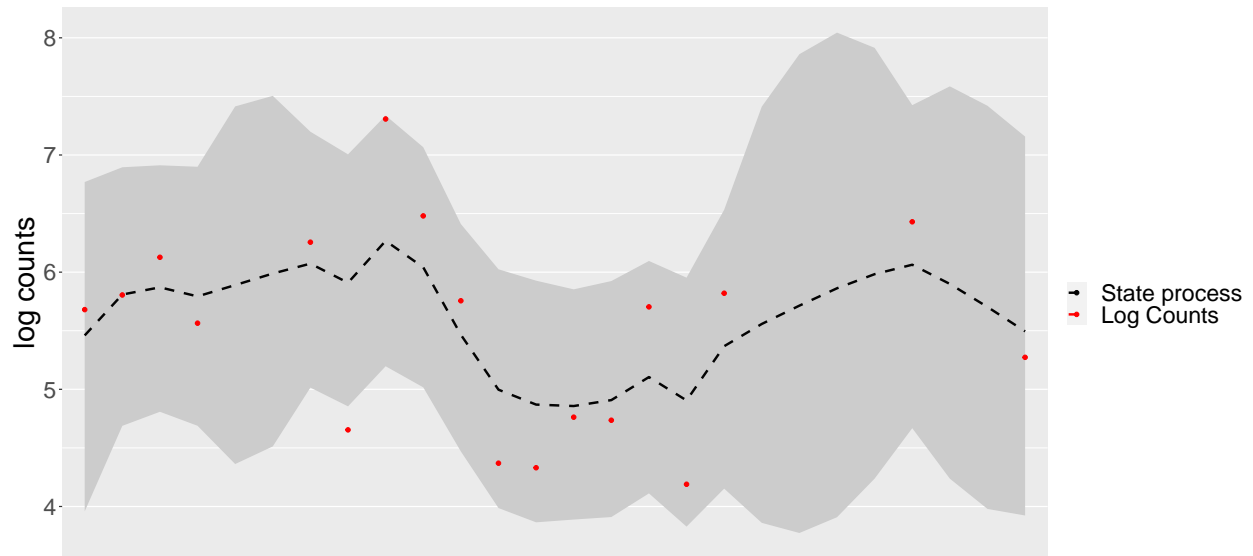
Winter



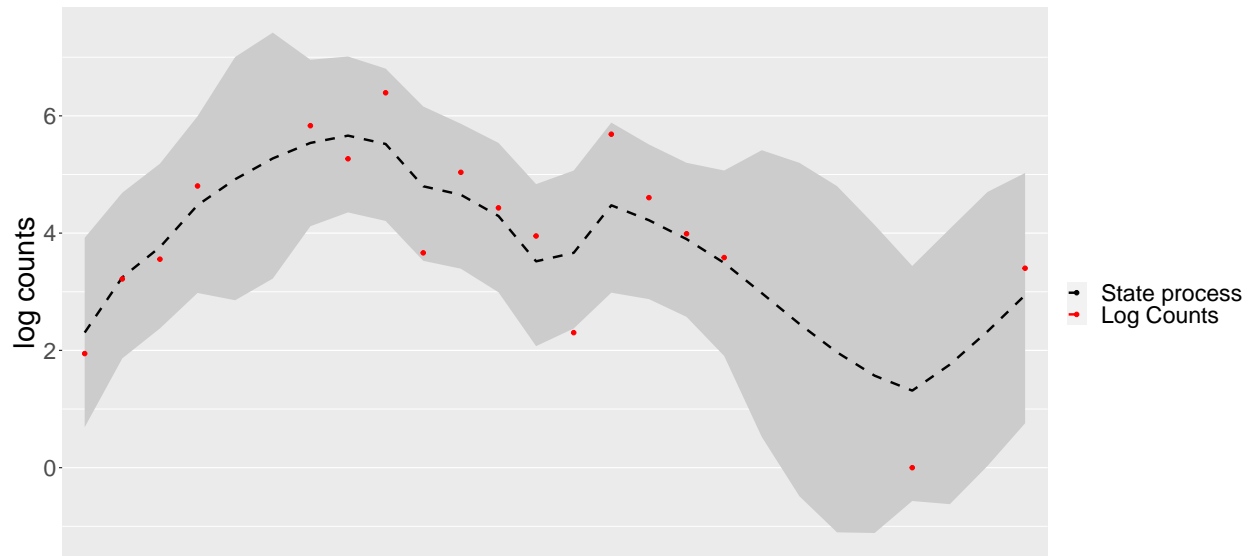
Pink-backed Pelican (Avg slope = 0.03)
Summer



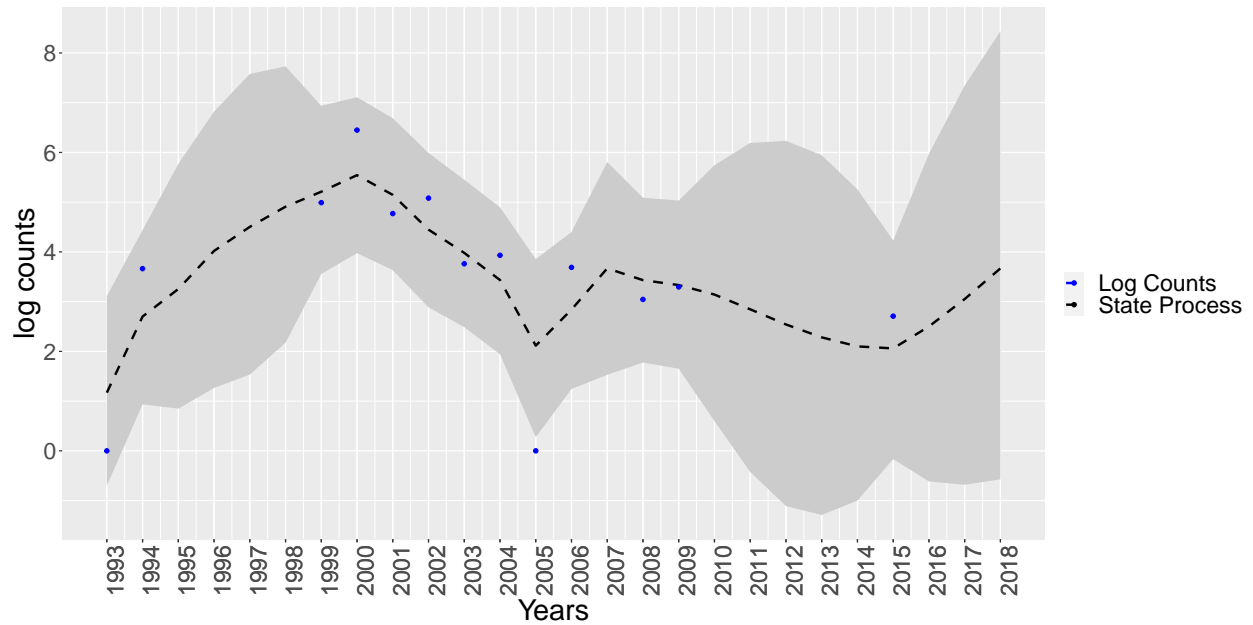
White-breasted Cormorant (Avg slope = -0.03)
Summer



Reed Cormorant (Avg slope = 0) Summer

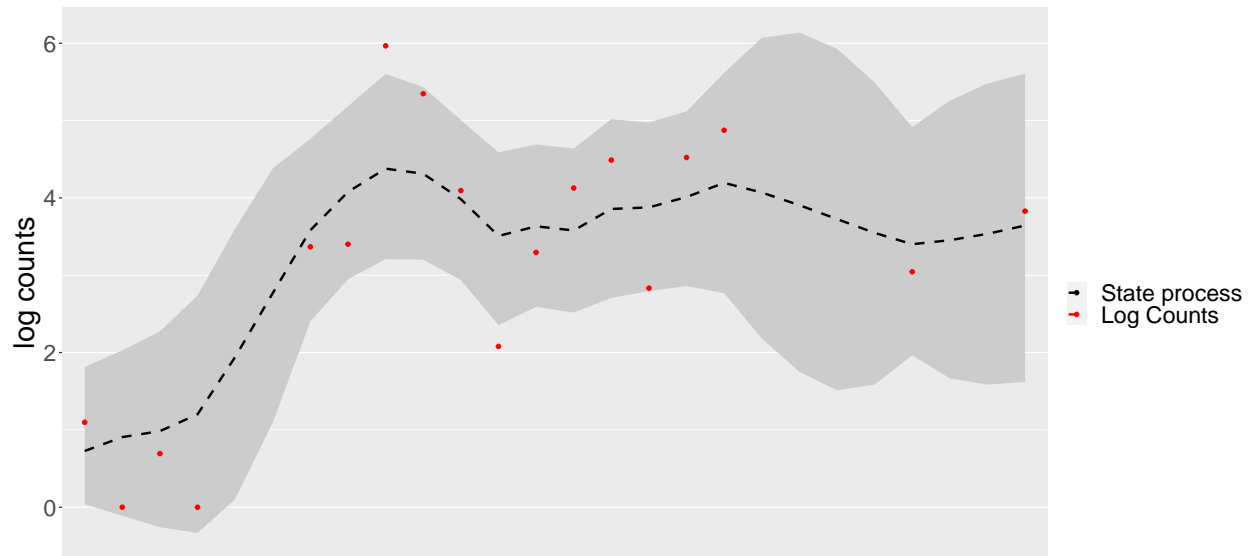


Winter

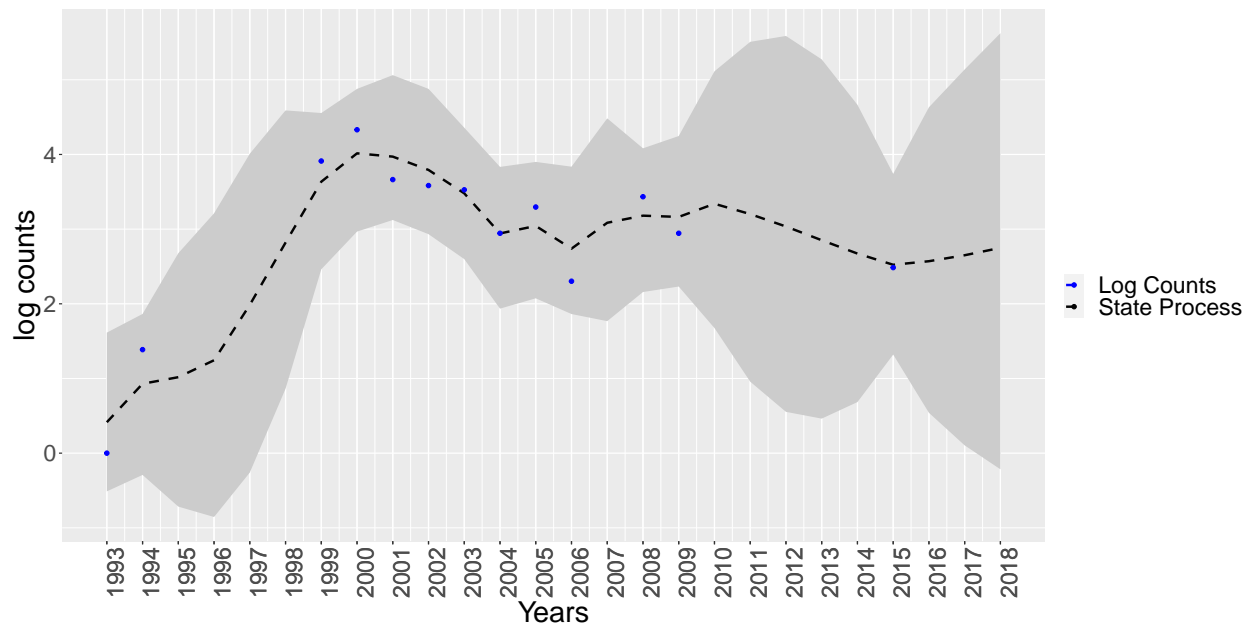


African Darter (Avg slope = 0.09)

Summer

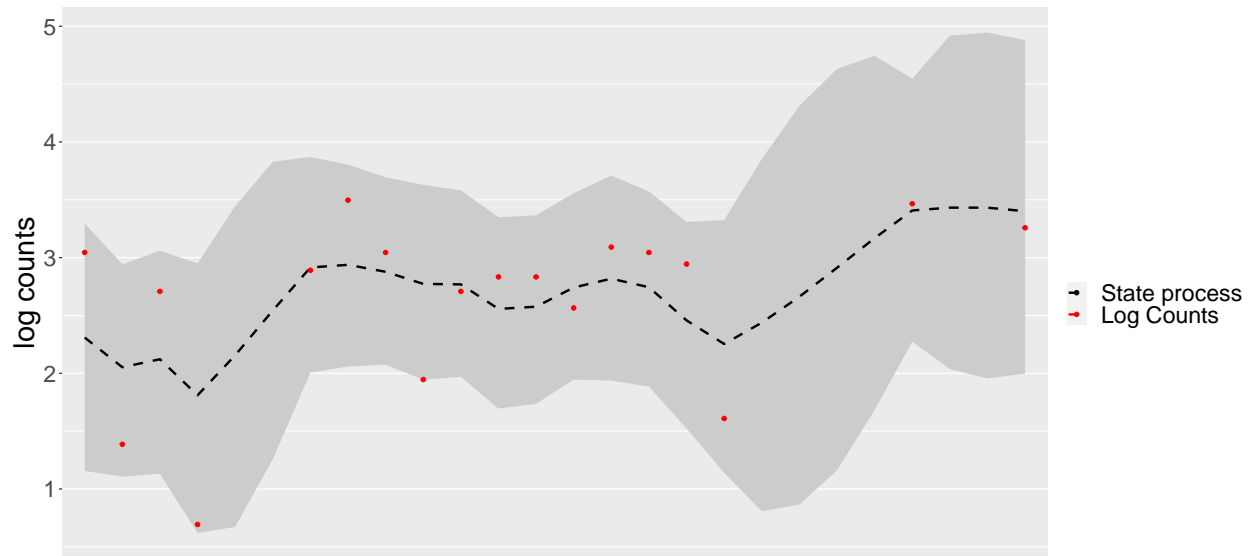


Winter

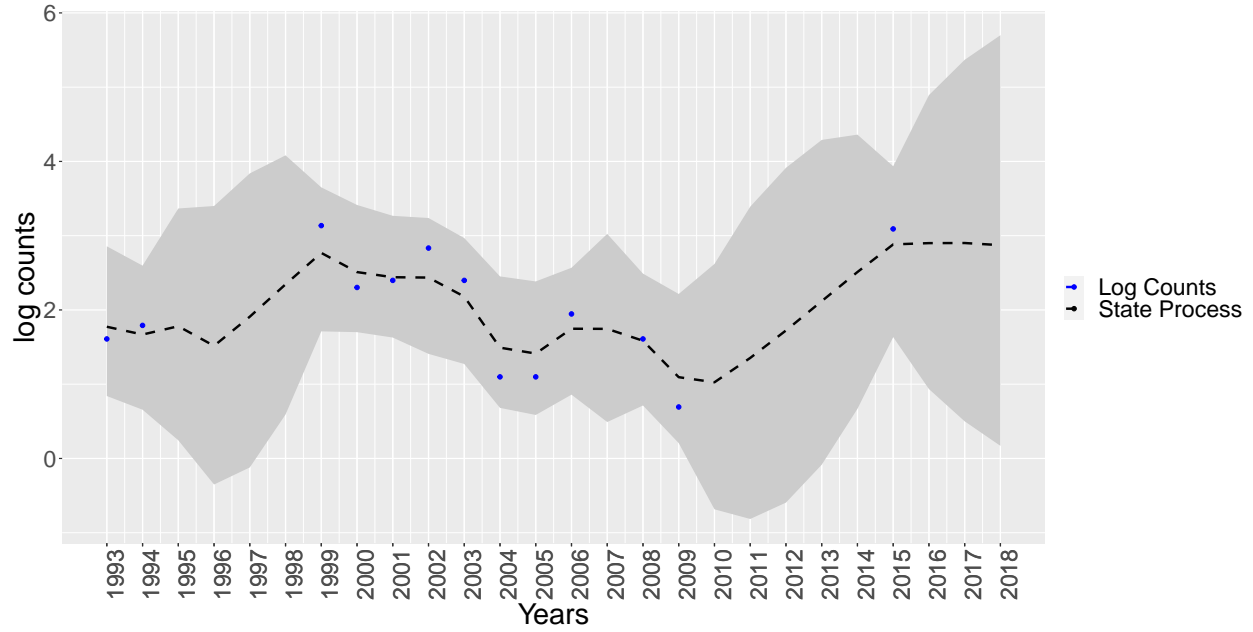


Grey Heron (Avg slope = 0.04)

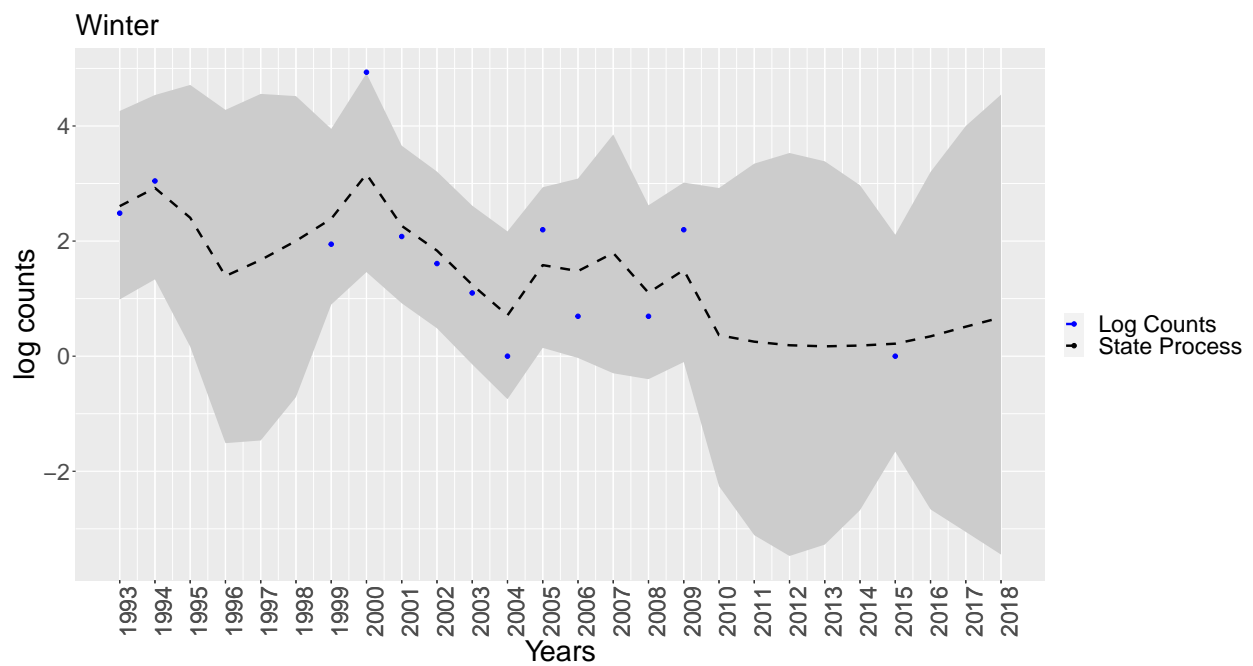
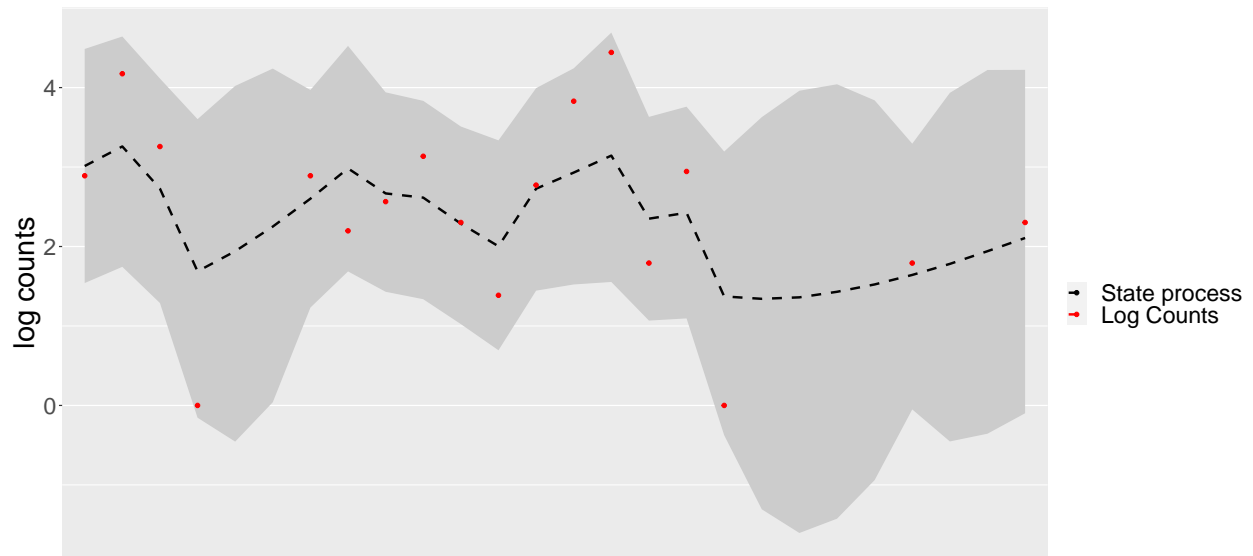
Summer



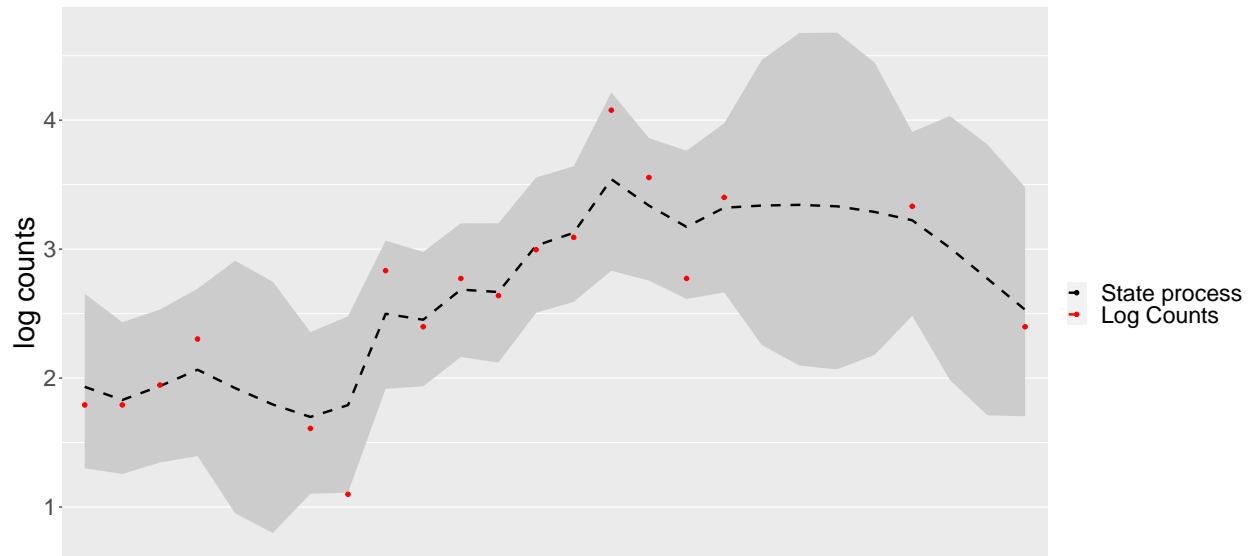
Winter



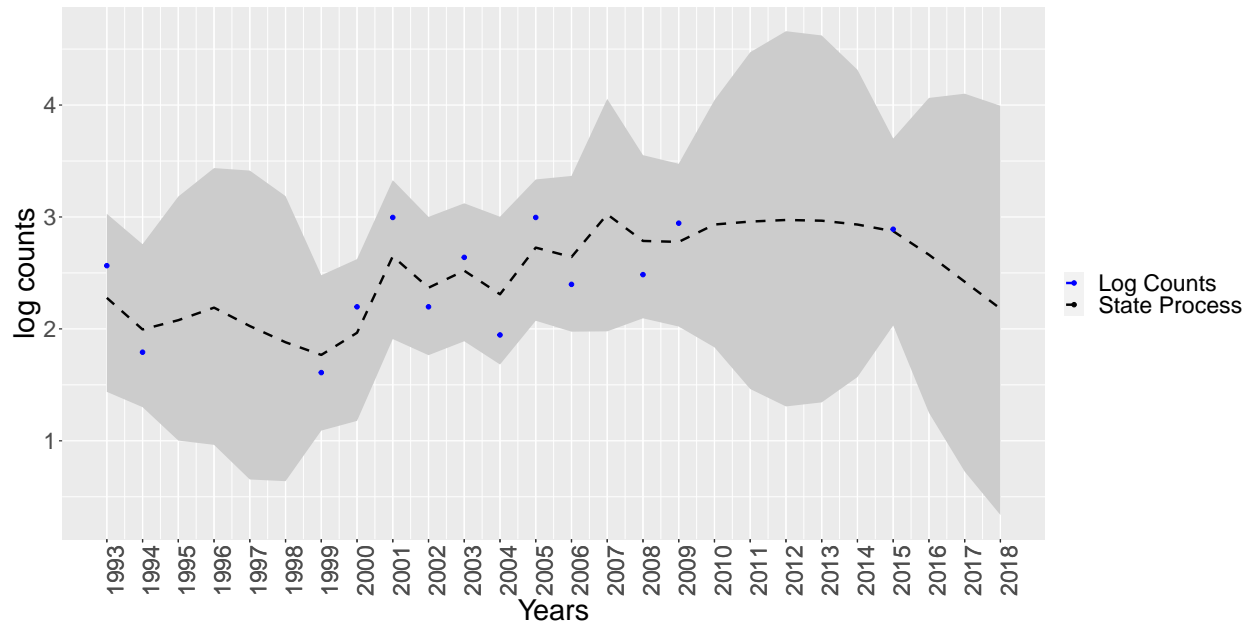
Black-headed Heron (Avg slope = -0.03)
Summer



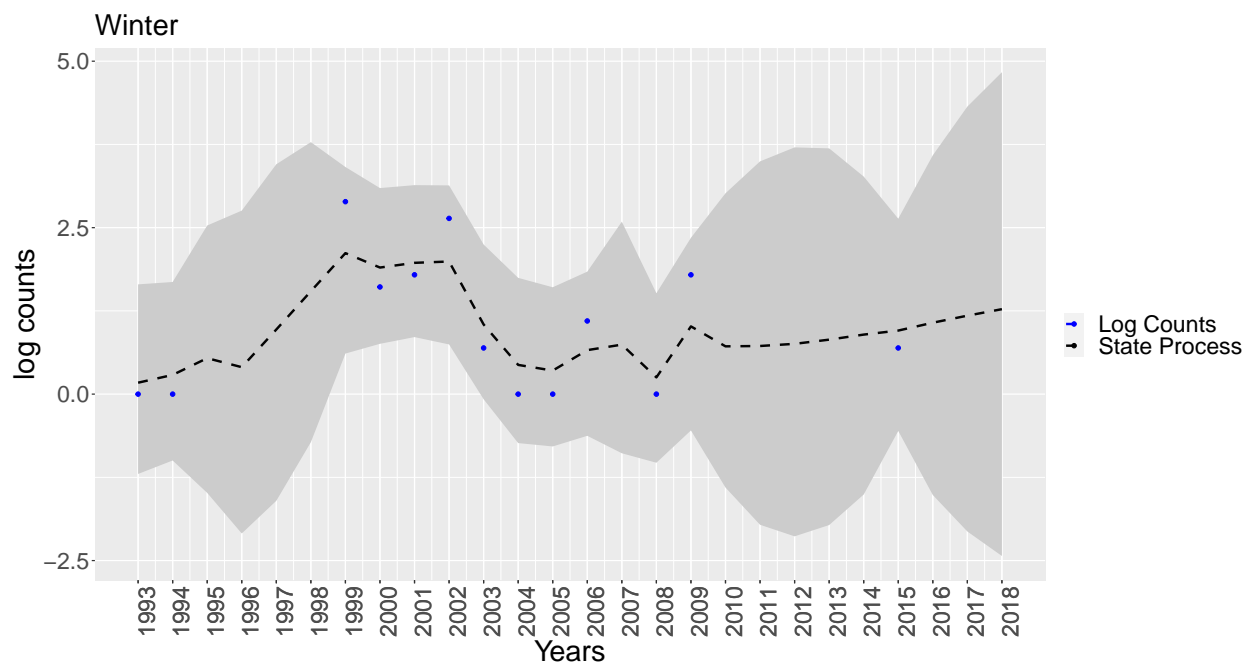
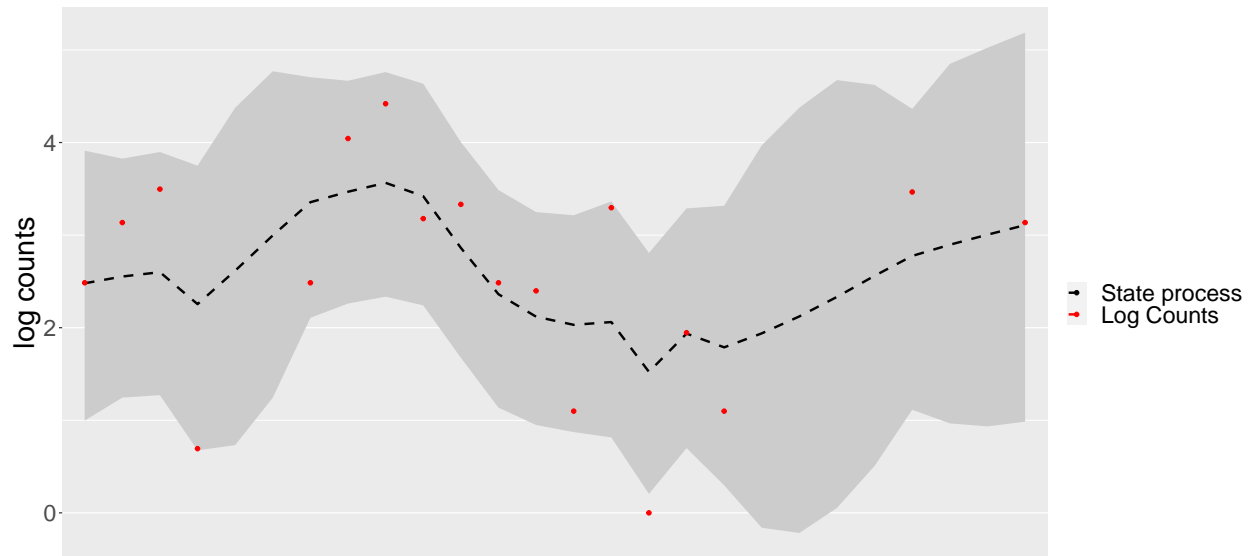
Goliath Heron (Avg slope = 0.01)
Summer



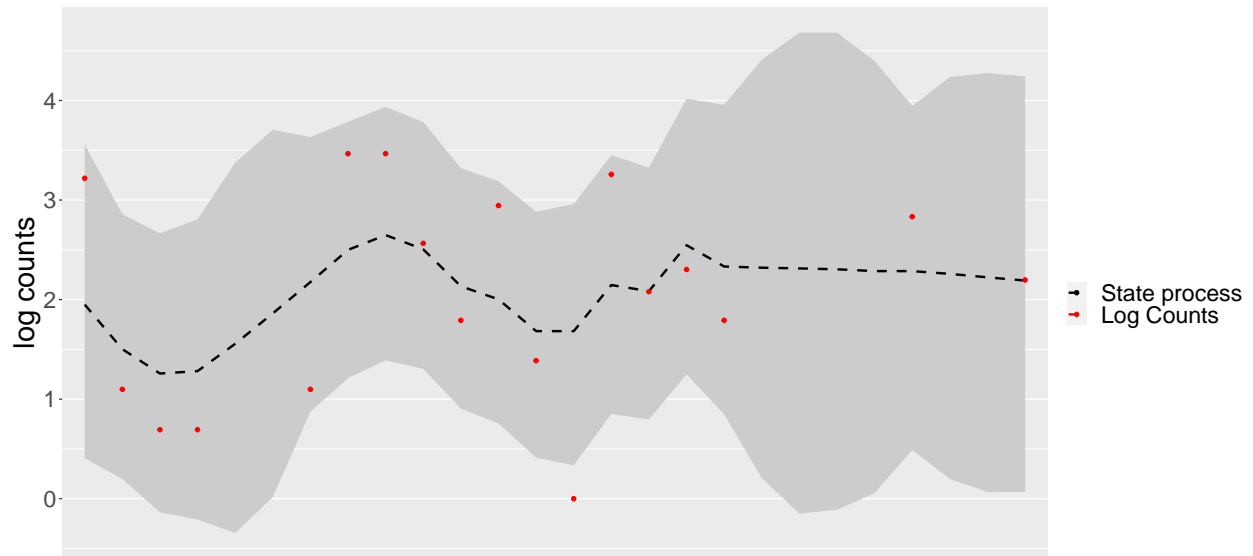
Winter



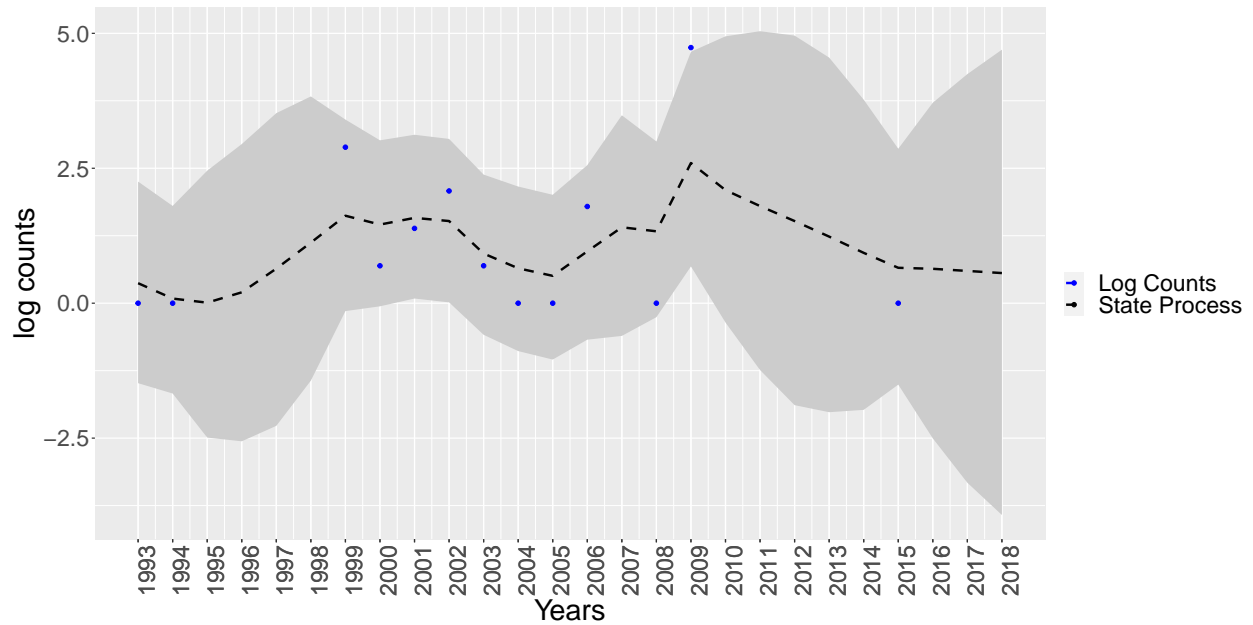
Great Egret (Avg slope = 0.02)
Summer



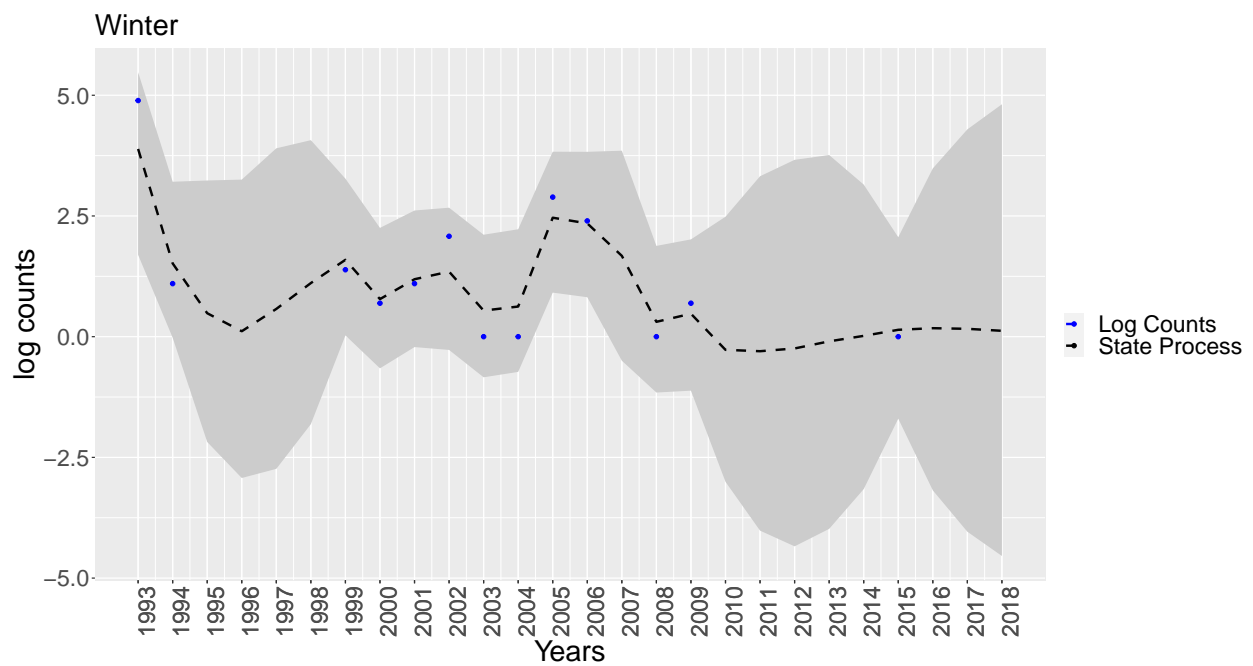
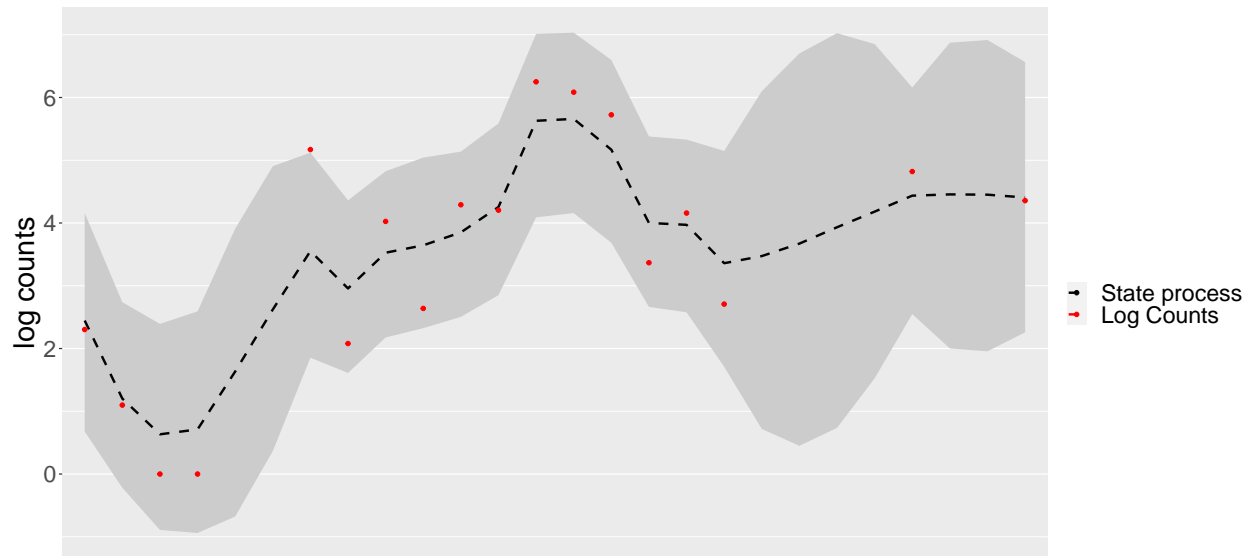
Little Egret (Avg slope = 0.01)
Summer



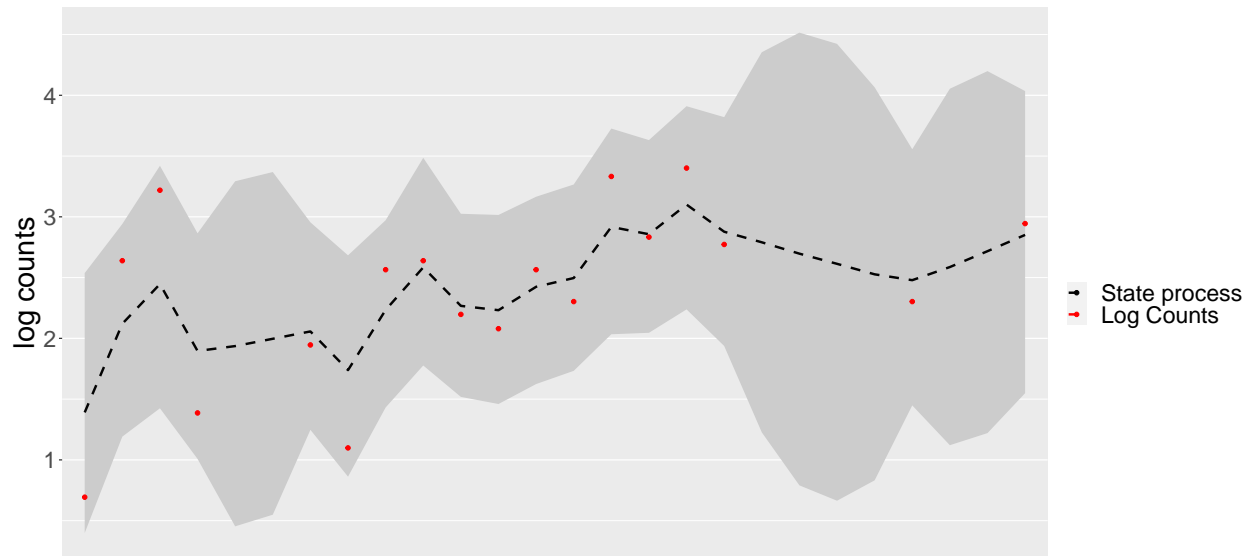
Winter



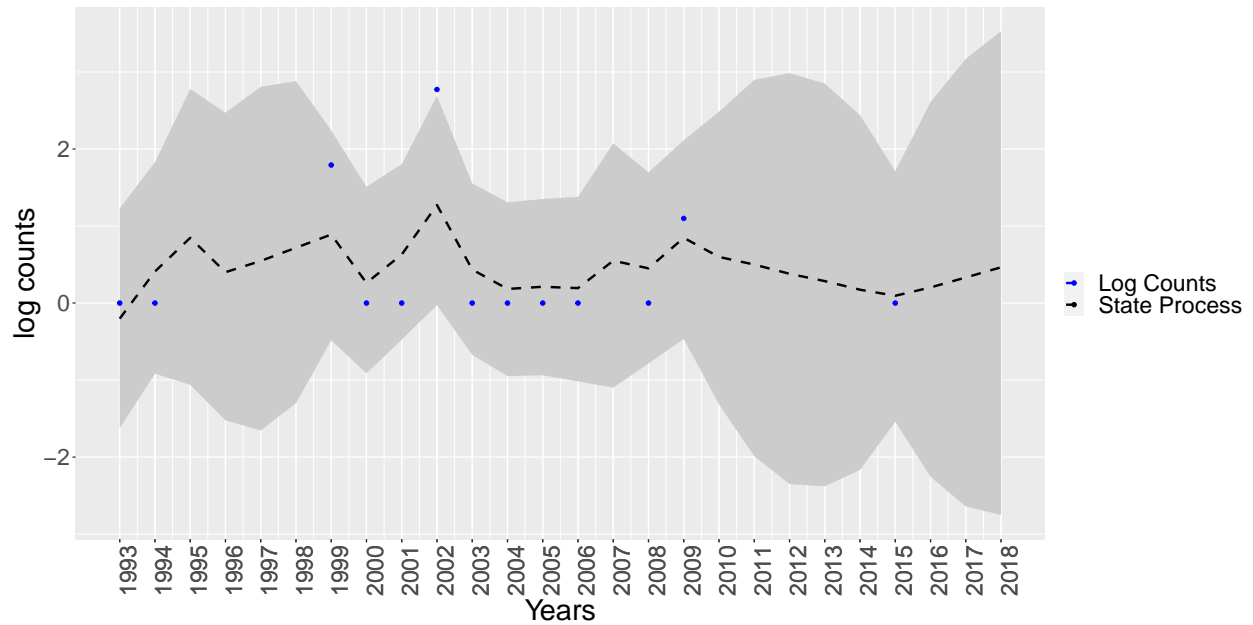
Cattle Egret (Avg slope = 0.09)
Summer



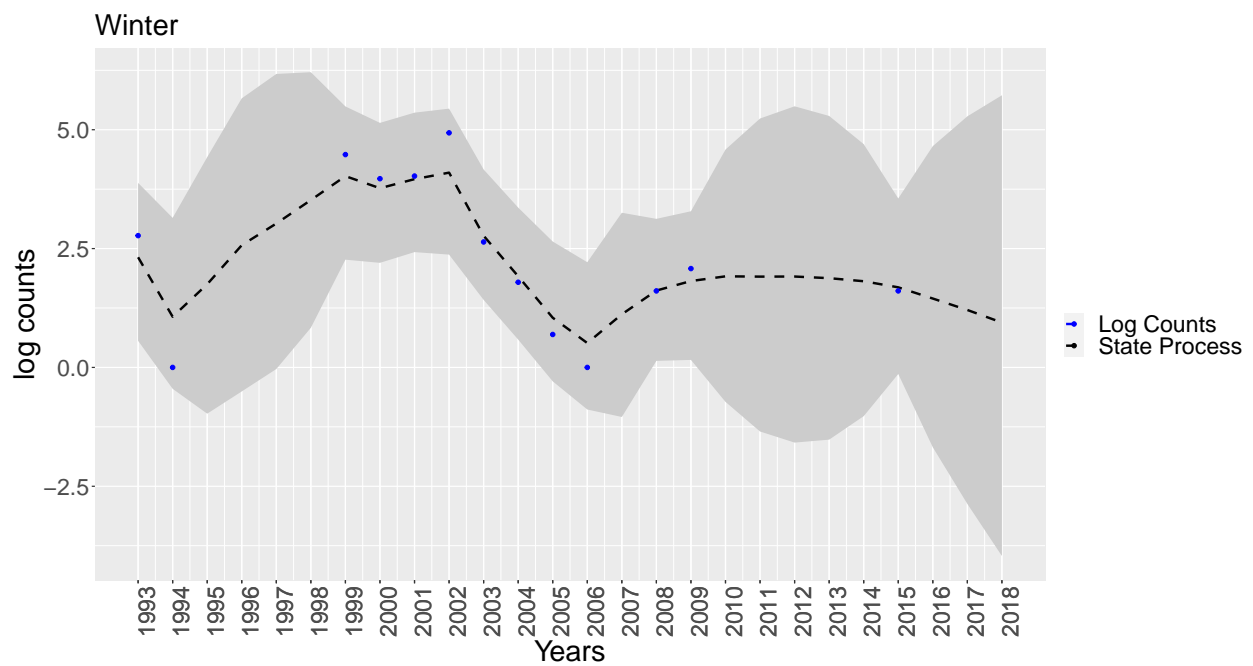
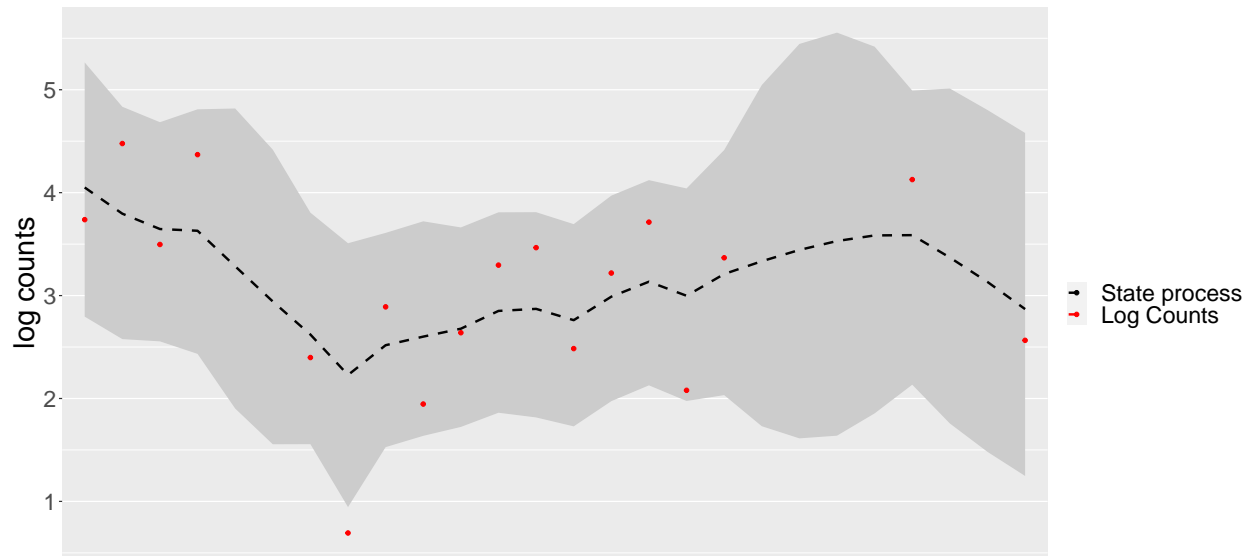
Yellow-billed Stork (Avg slope = 0.06)
Summer



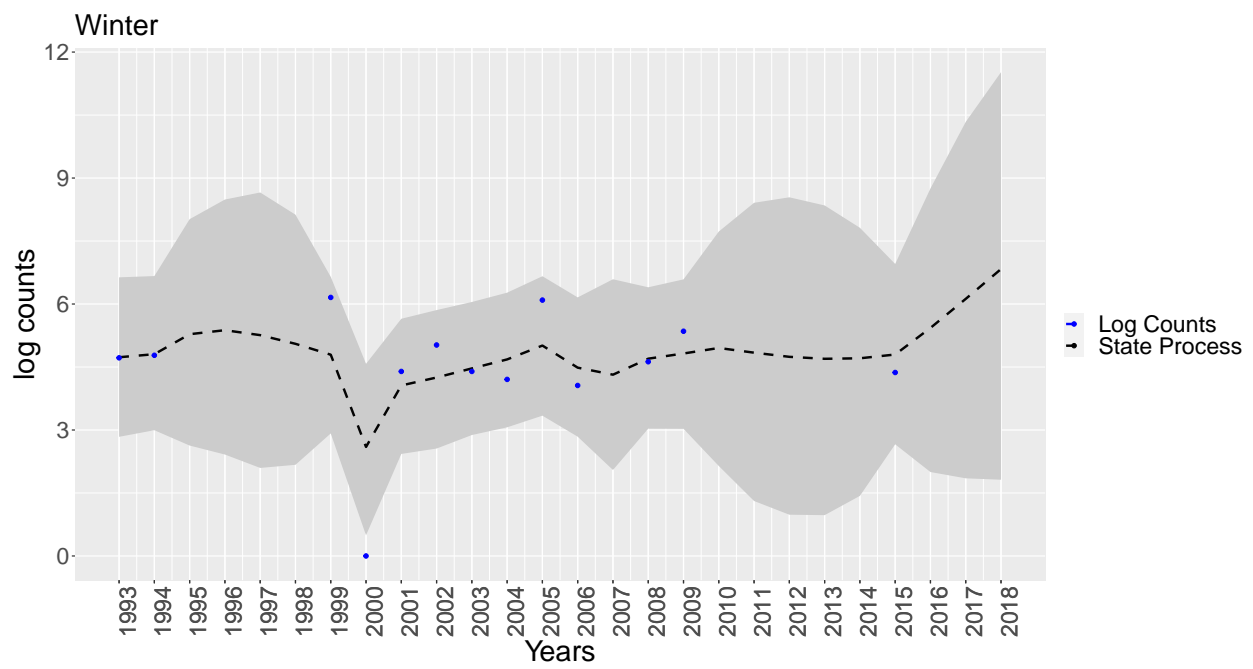
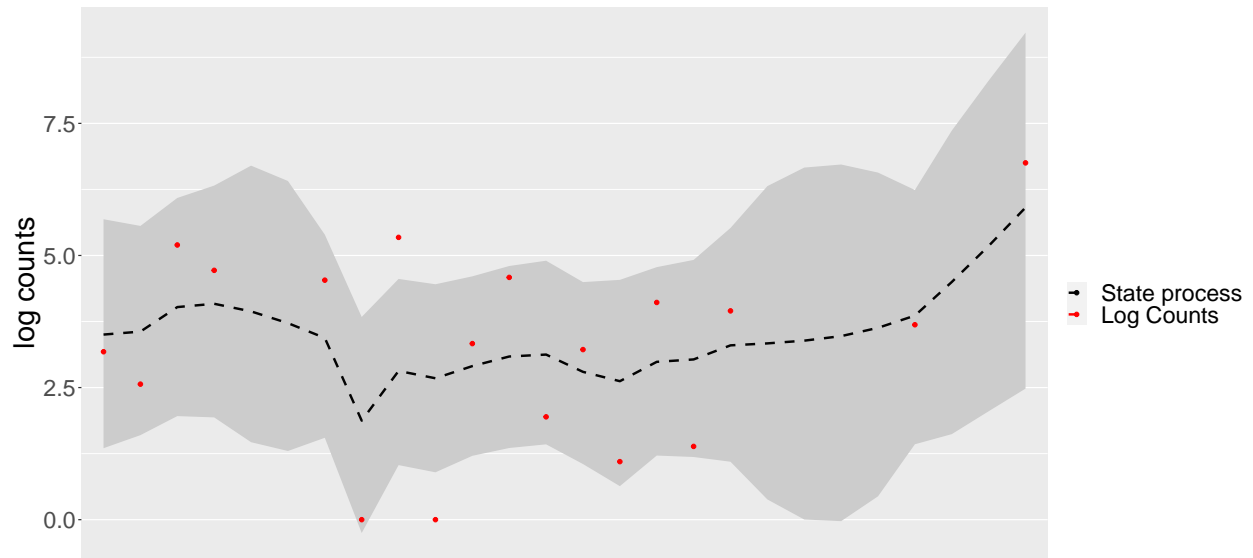
Winter



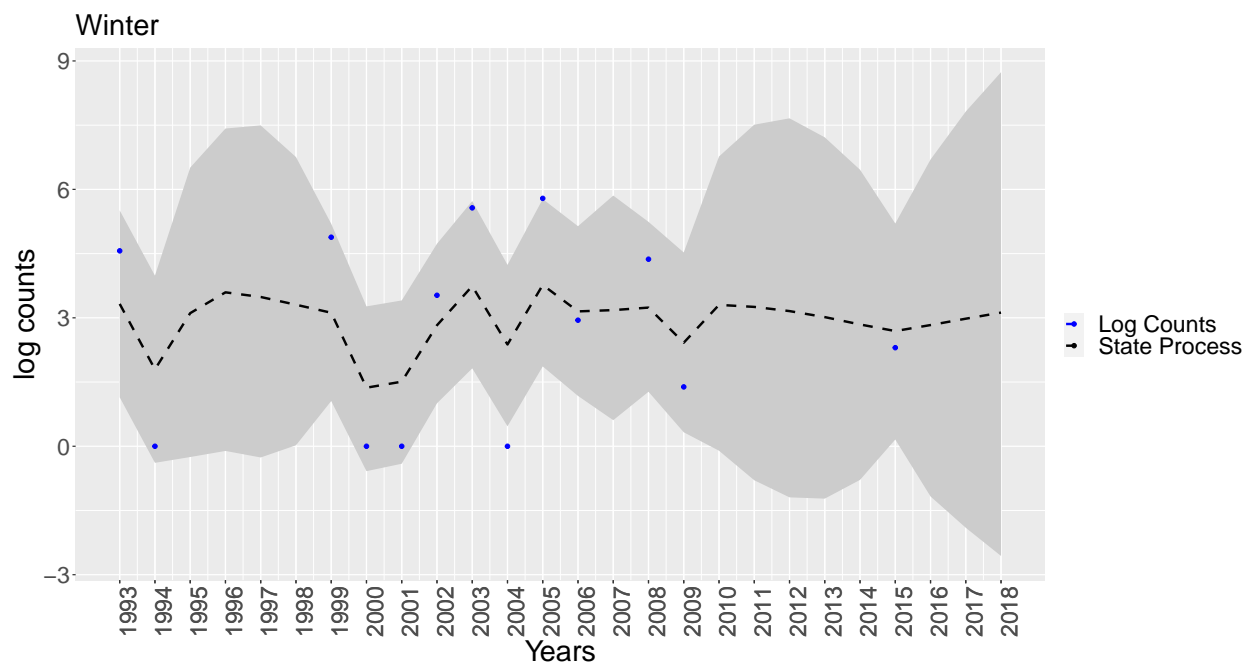
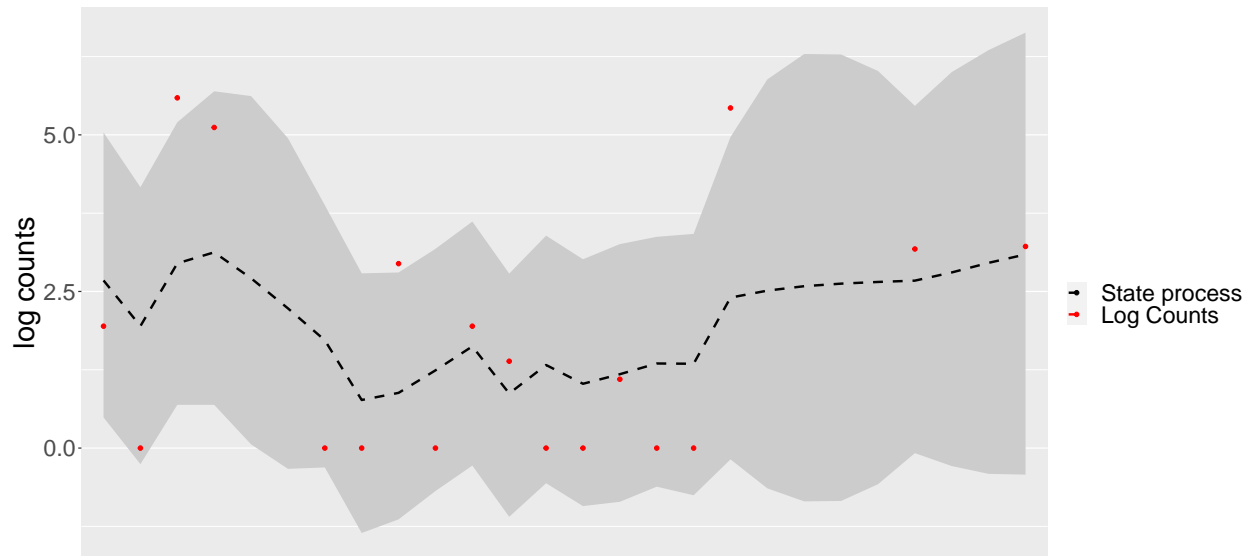
African Spoonbill (Avg slope = -0.06)
Summer



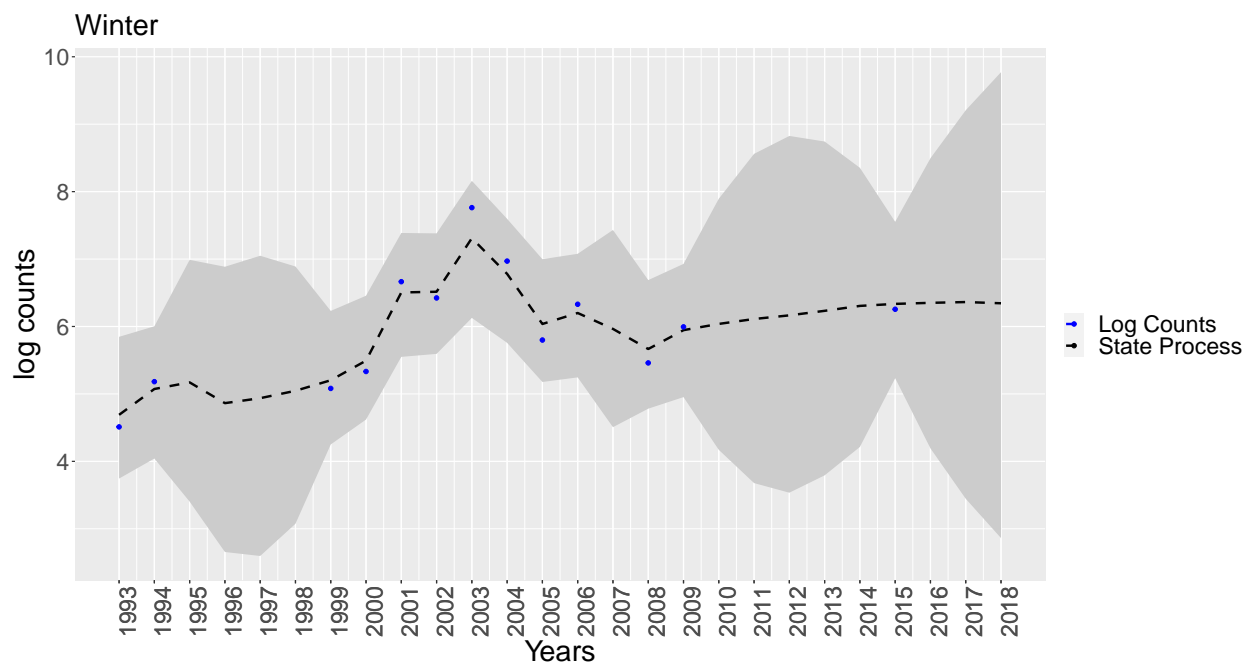
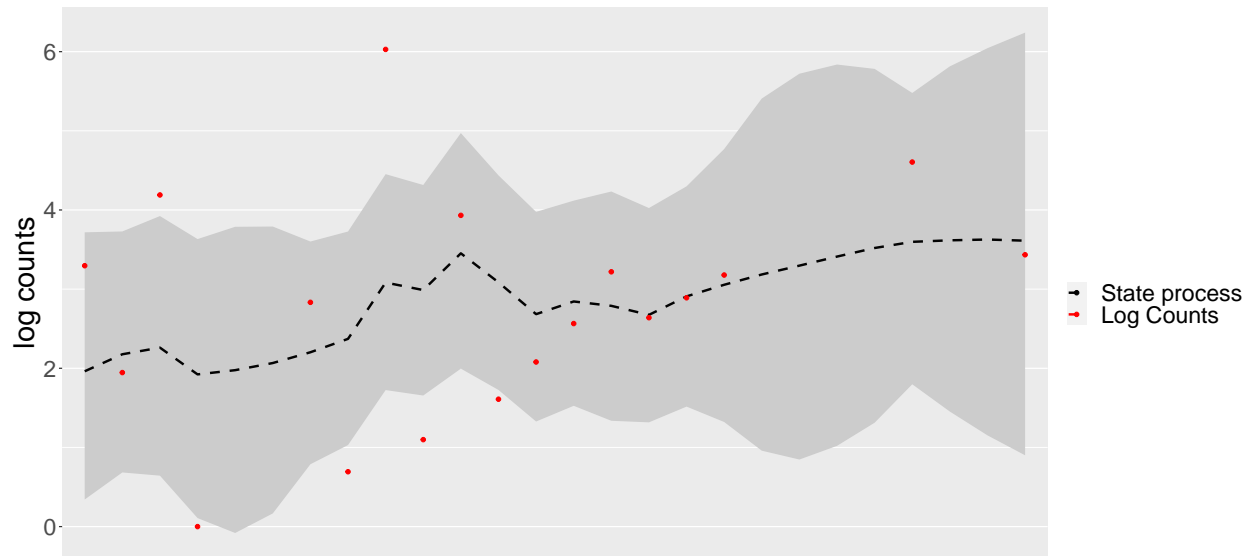
Greater Flamingo (Avg slope = 0.1) Summer



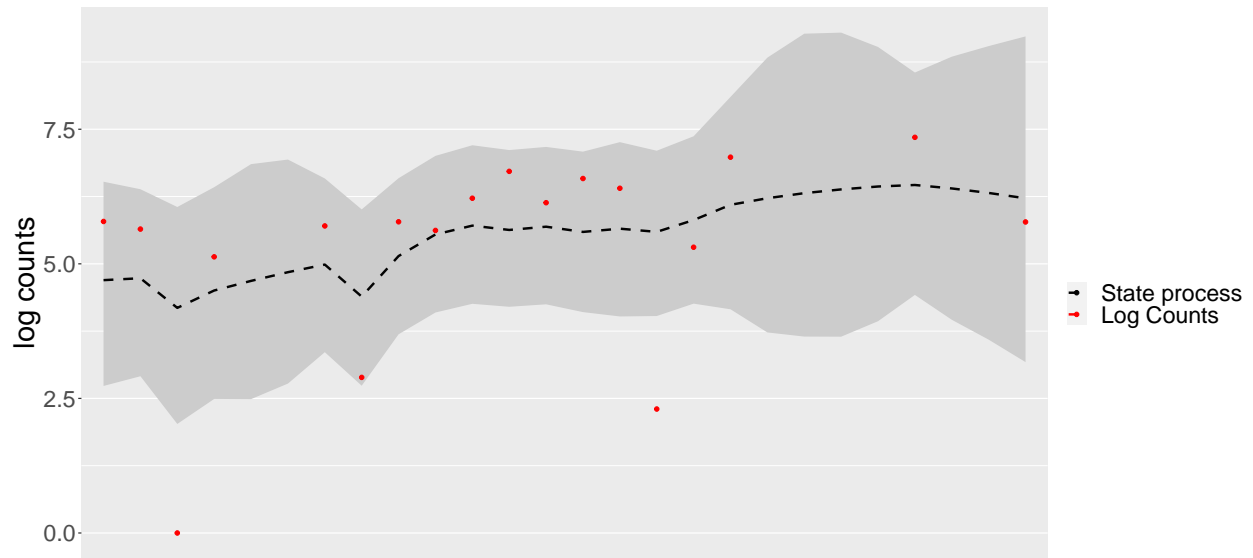
Lesser Flamingo (Avg slope = 0.01)
Summer



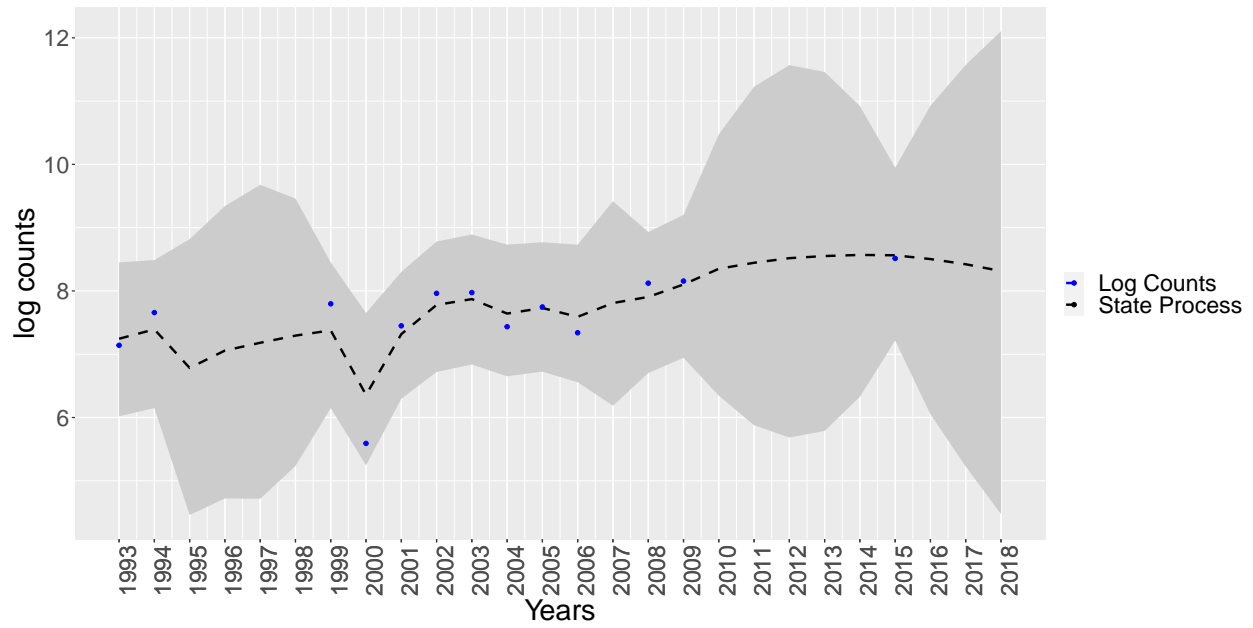
Spur-winged Goose (Avg slope = 0.07) Summer



Egyptian Goose (Avg slope = 0.07) Summer

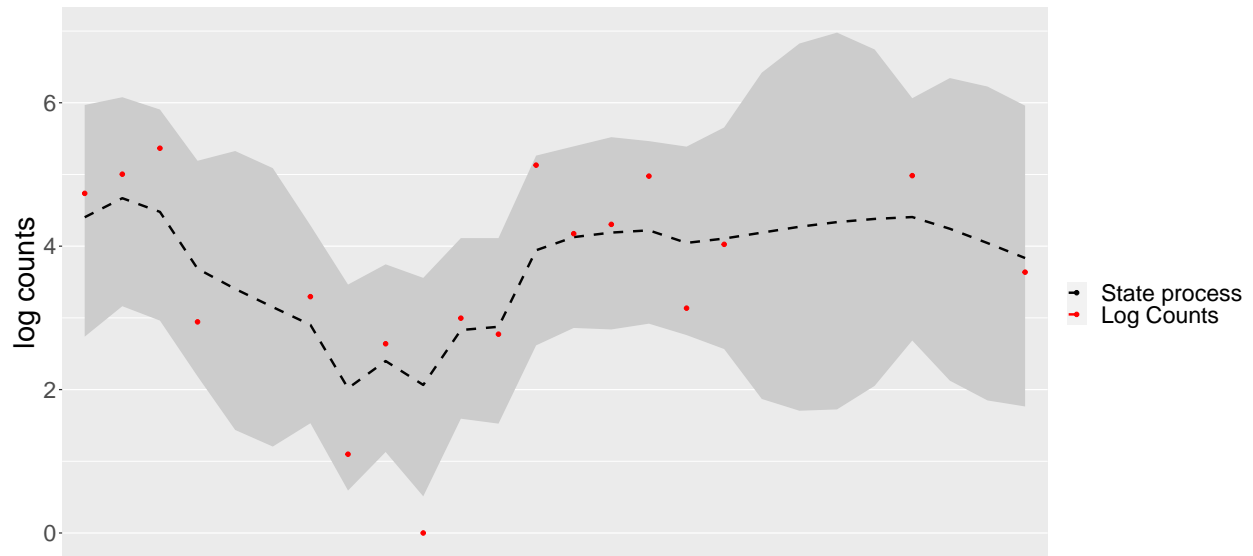


Winter

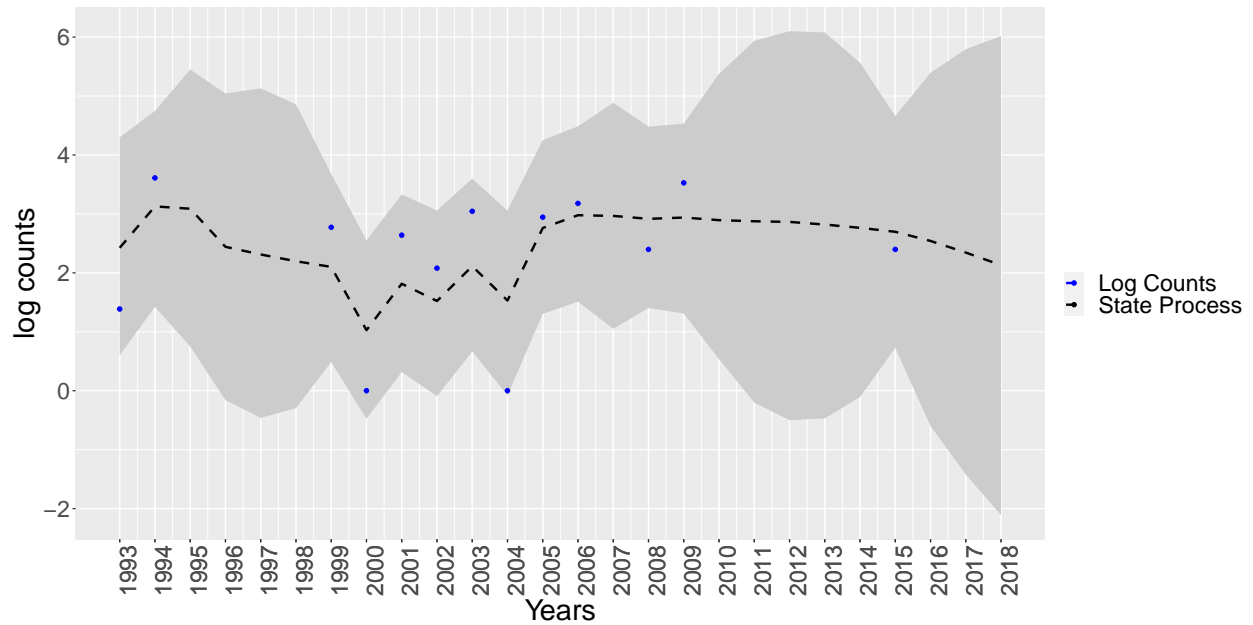


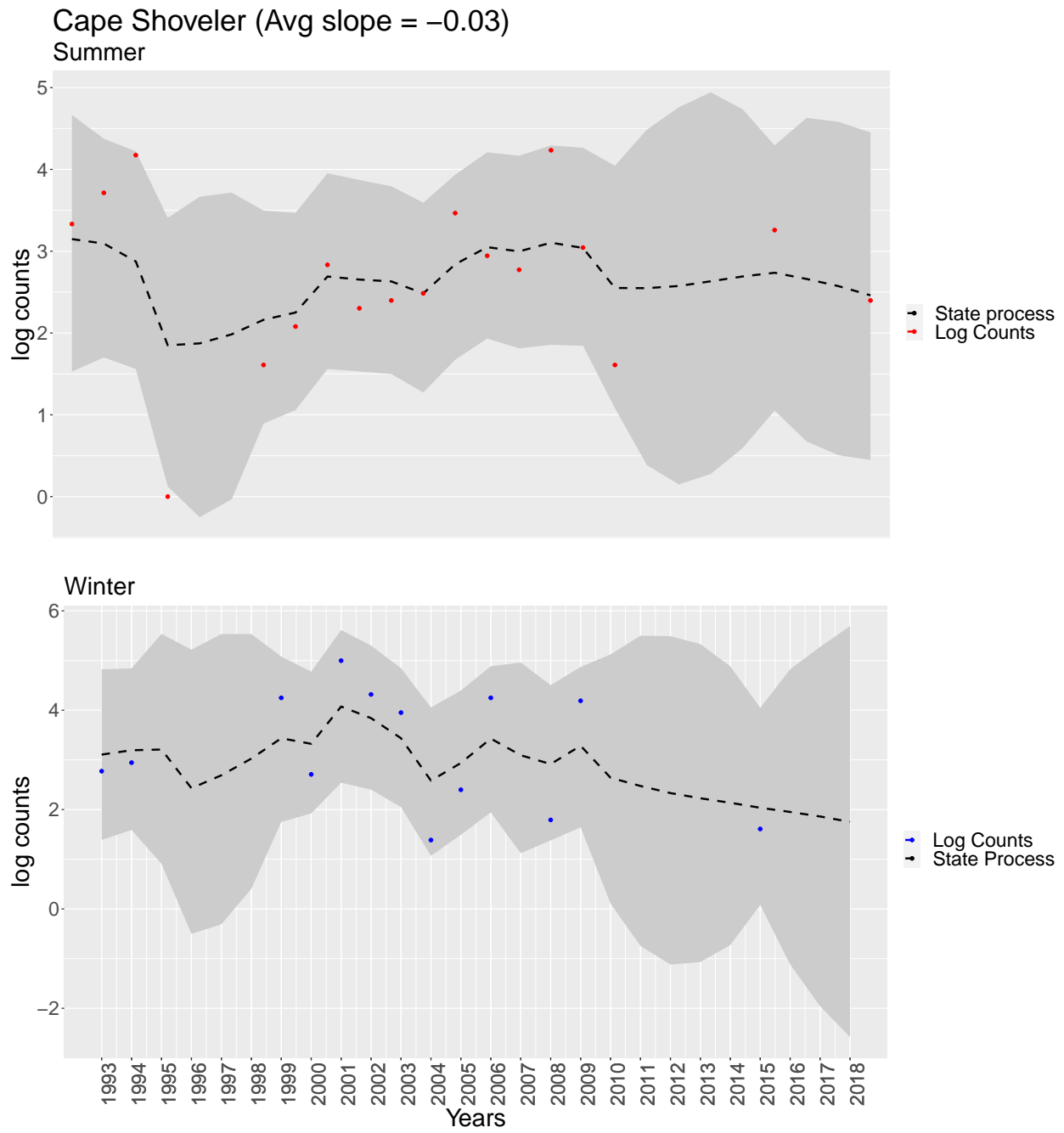
South African Shelduck (Avg slope = -0.03)

Summer

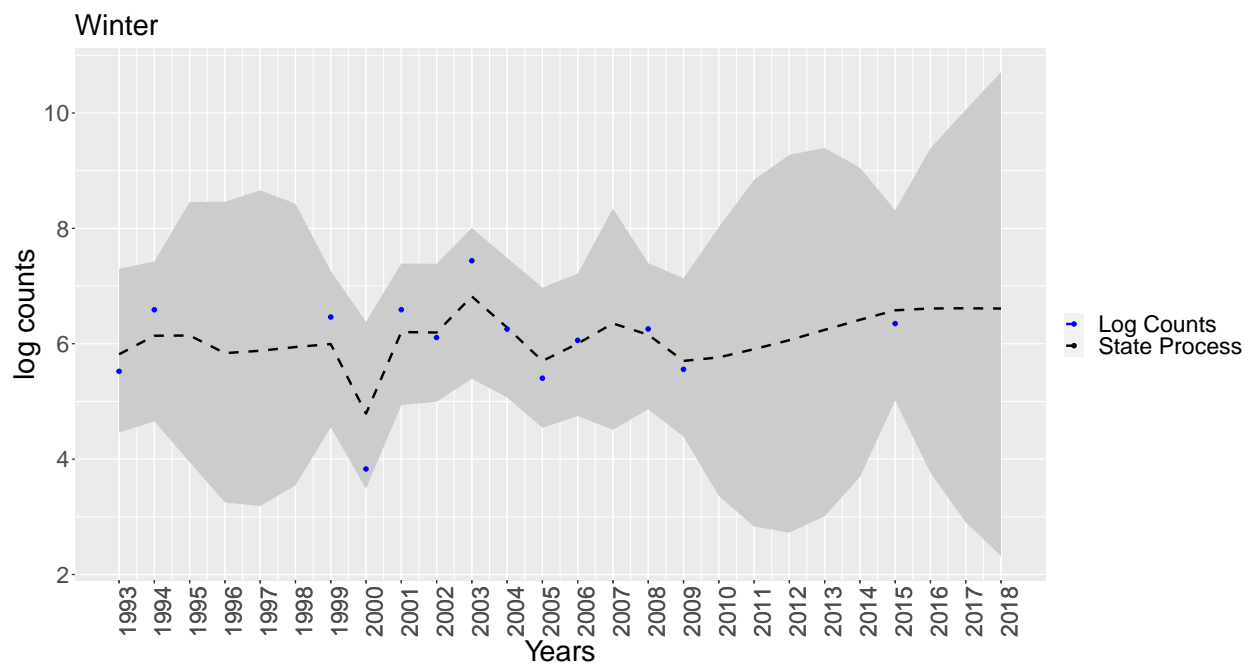
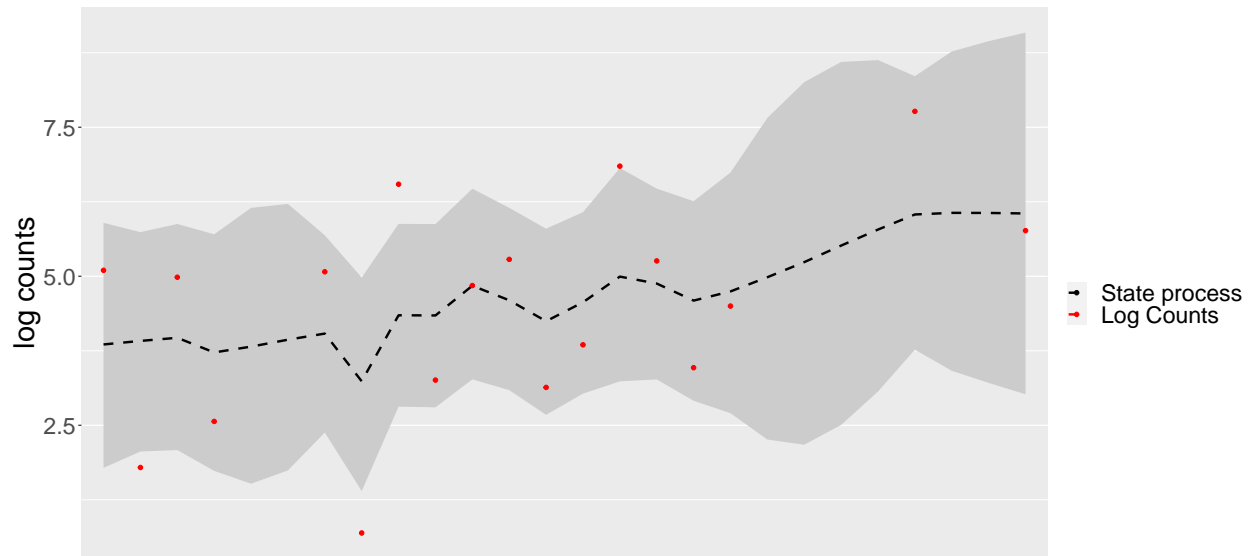


Winter



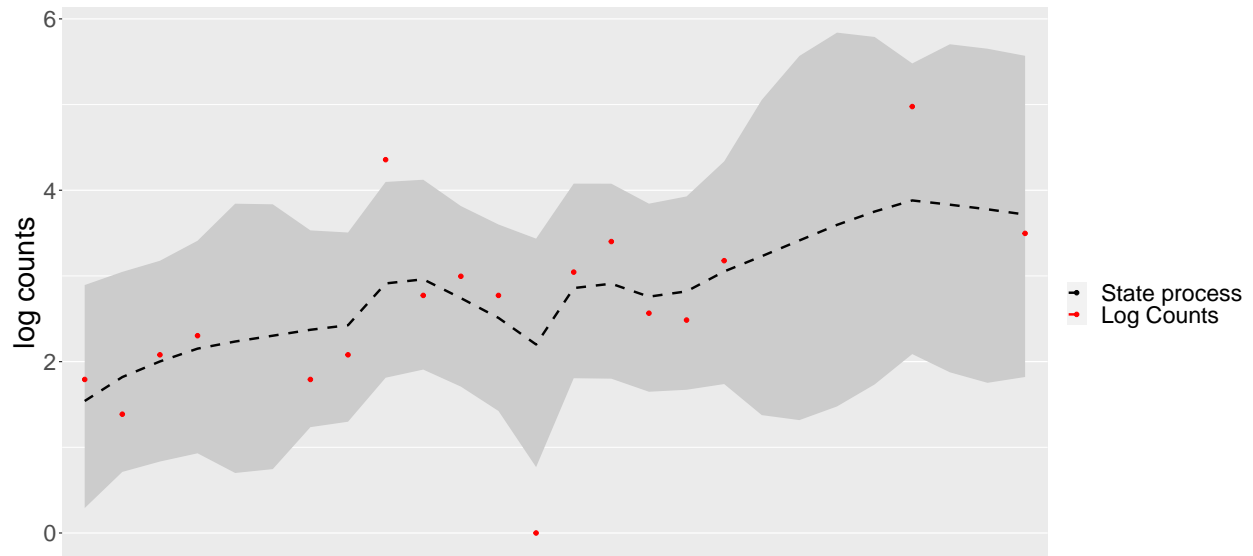


Yellow-billed Duck (Avg slope = 0.09)
Summer

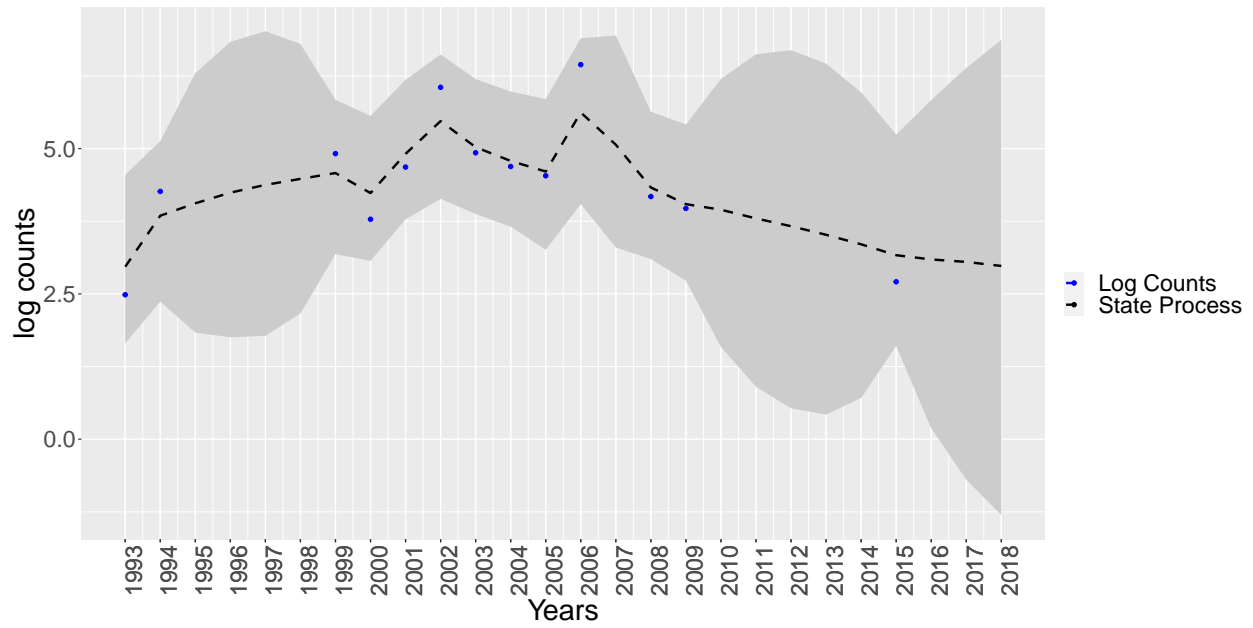


Red-billed Teal (Avg slope = 0.09)

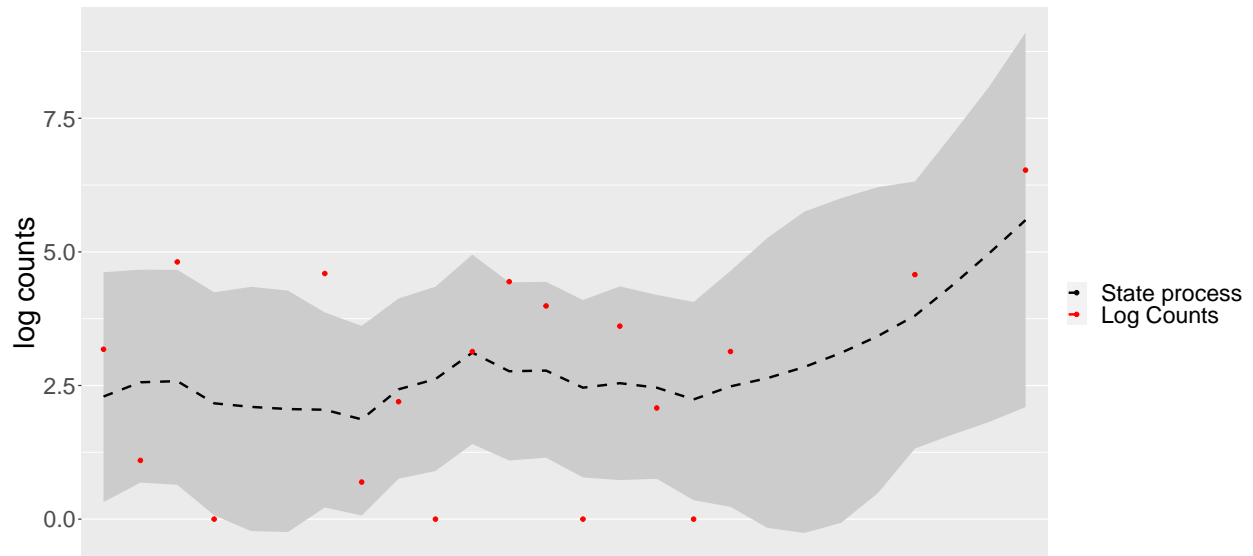
Summer



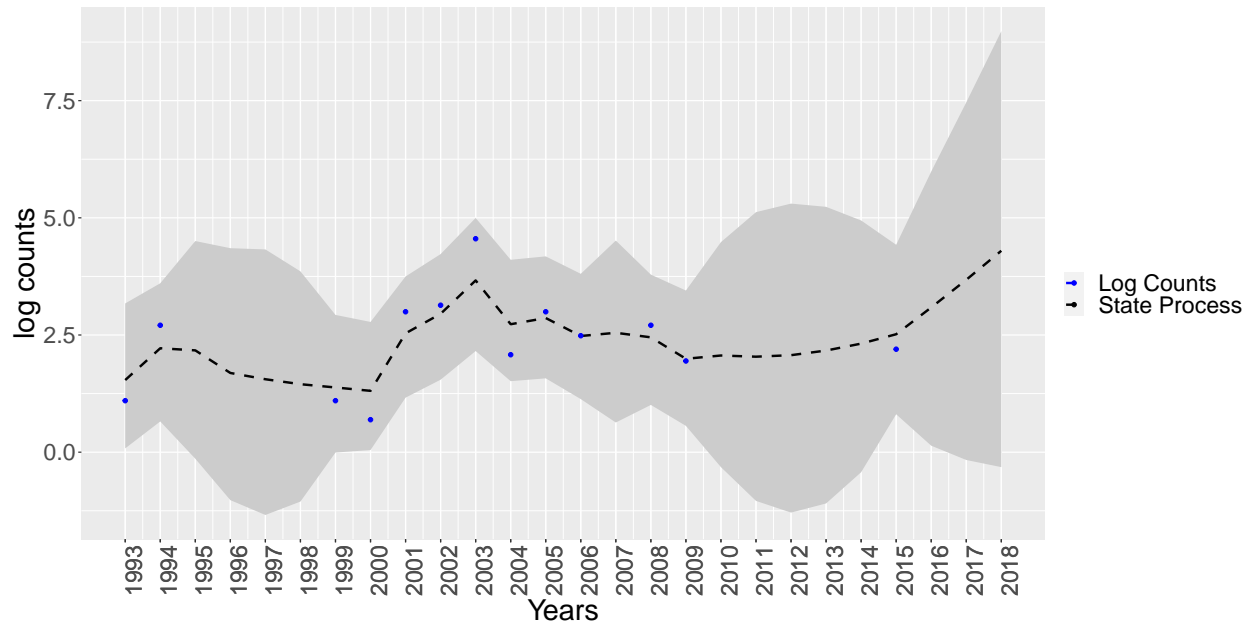
Winter



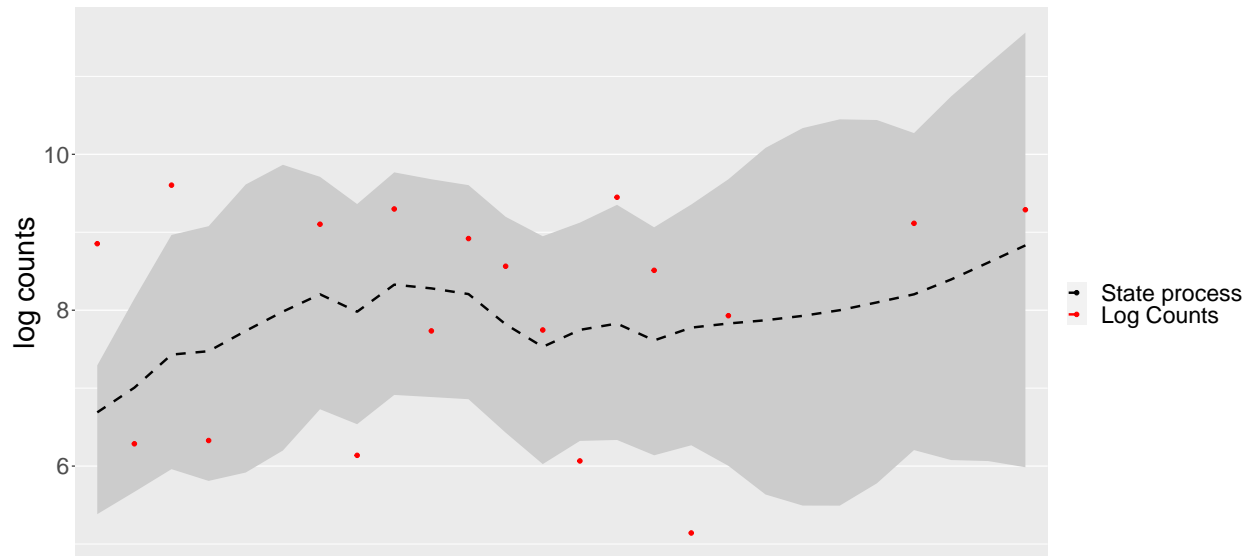
Southern Pochard (Avg slope = 0.16)
Summer



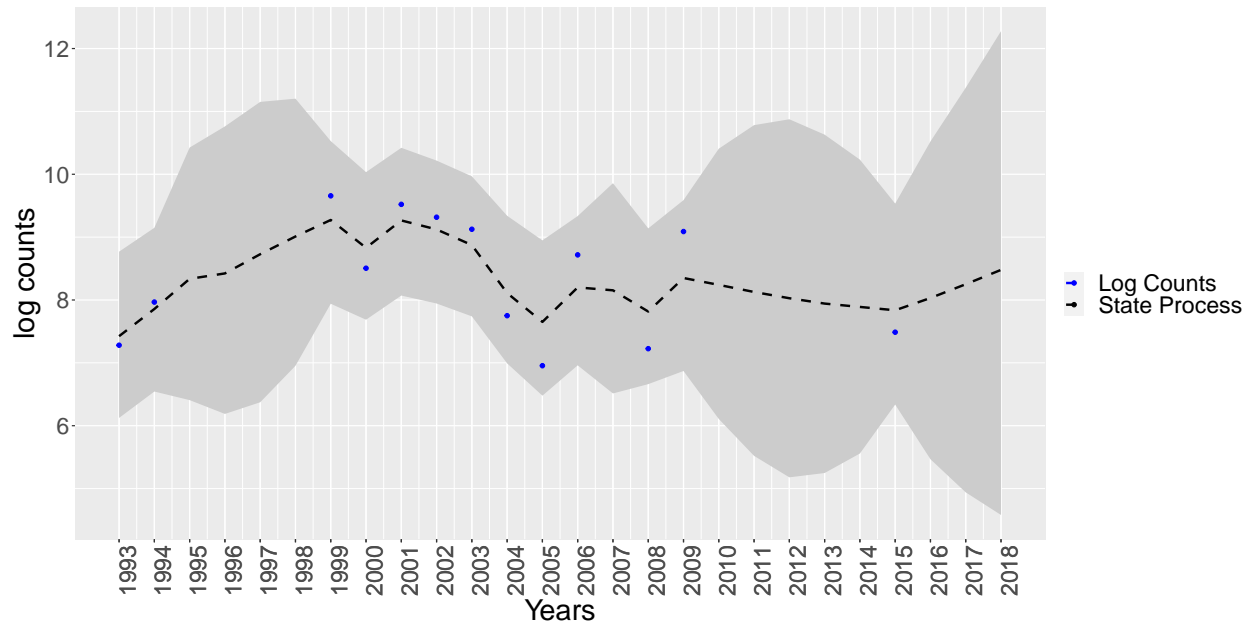
Winter



Red-knobbed Coot (Avg slope = 0.06)
Summer

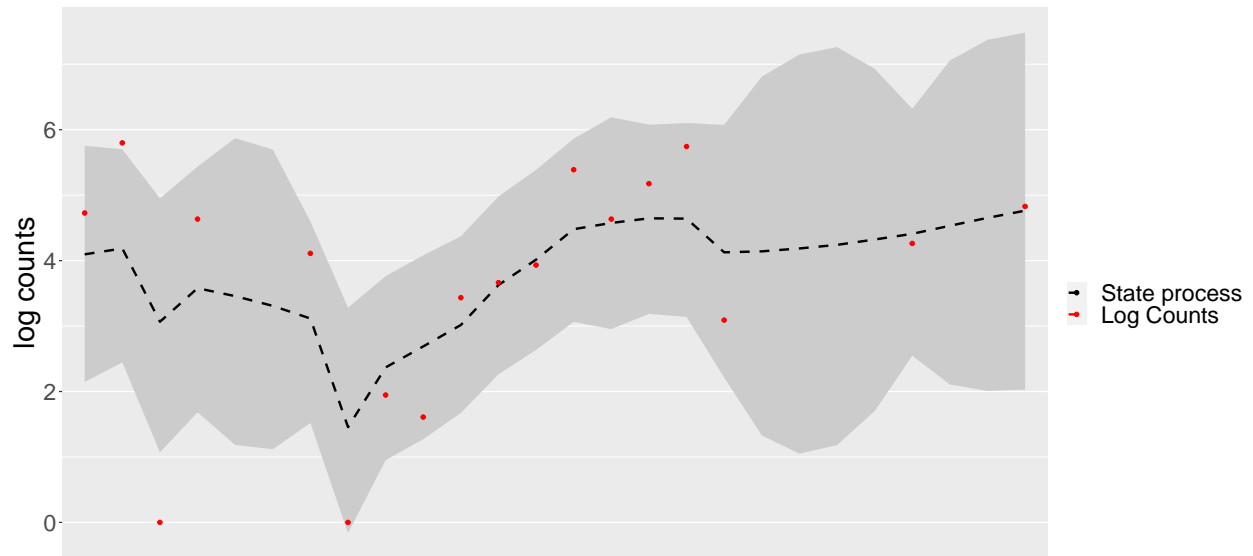


Winter

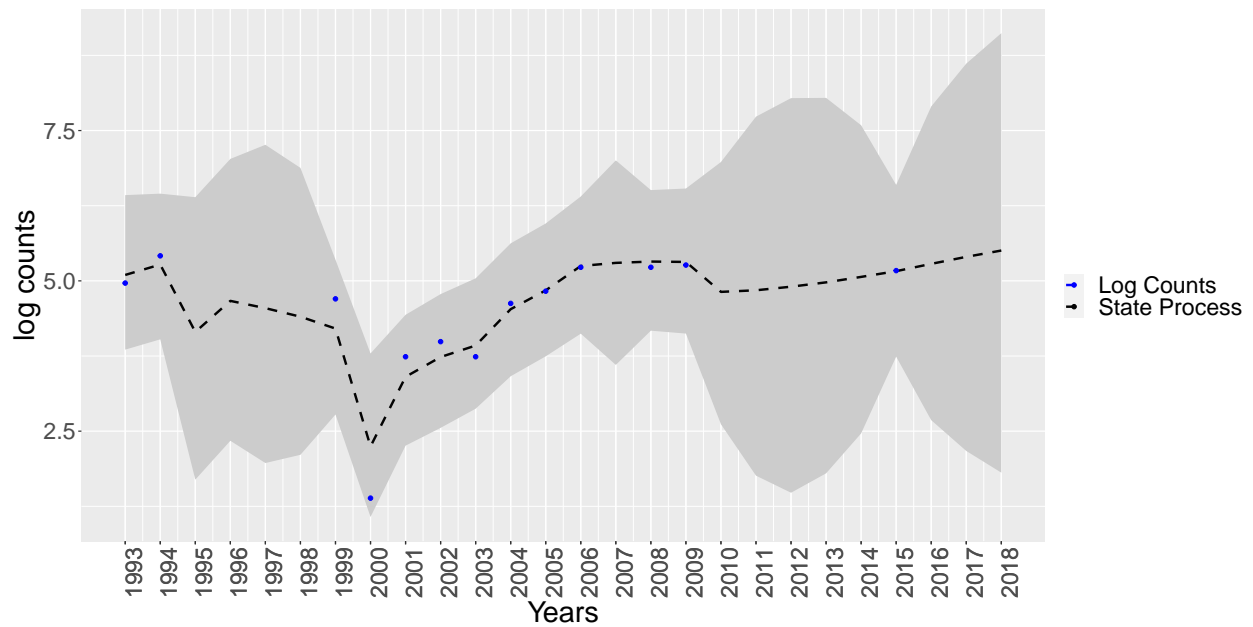


Kittlitzs Plover (Avg slope = 0.05)

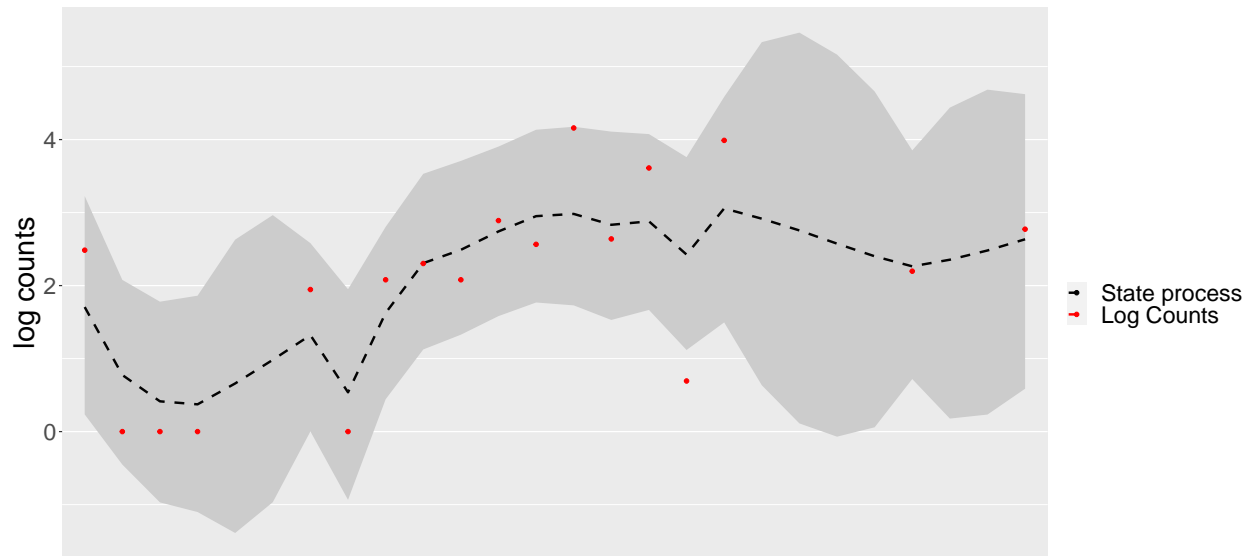
Summer



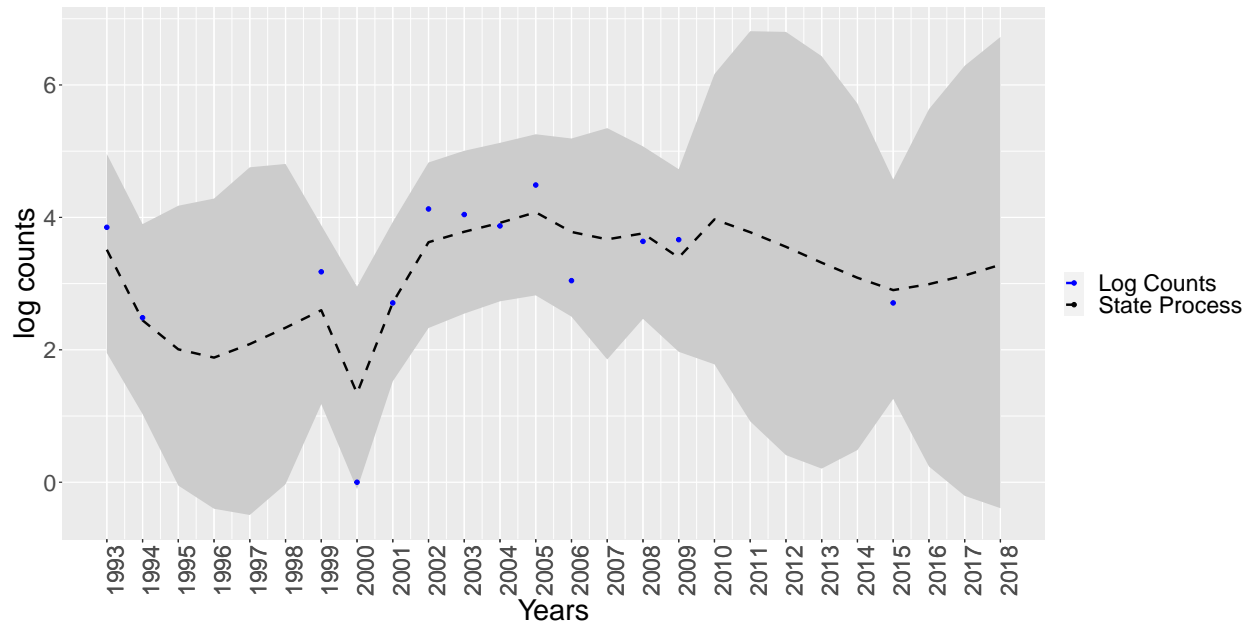
Winter

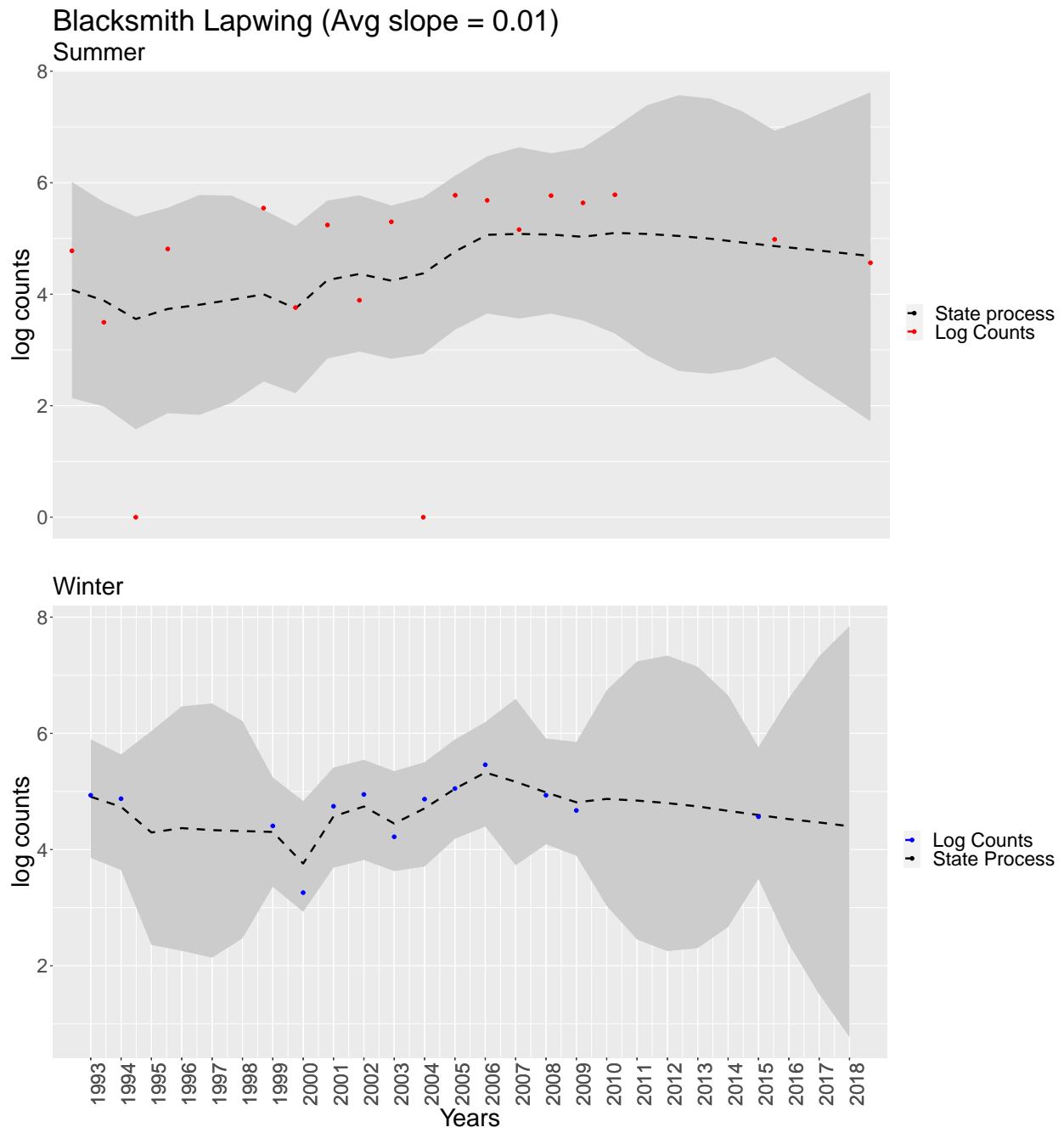


Three-banded Plover (Avg slope = 0.05) Summer

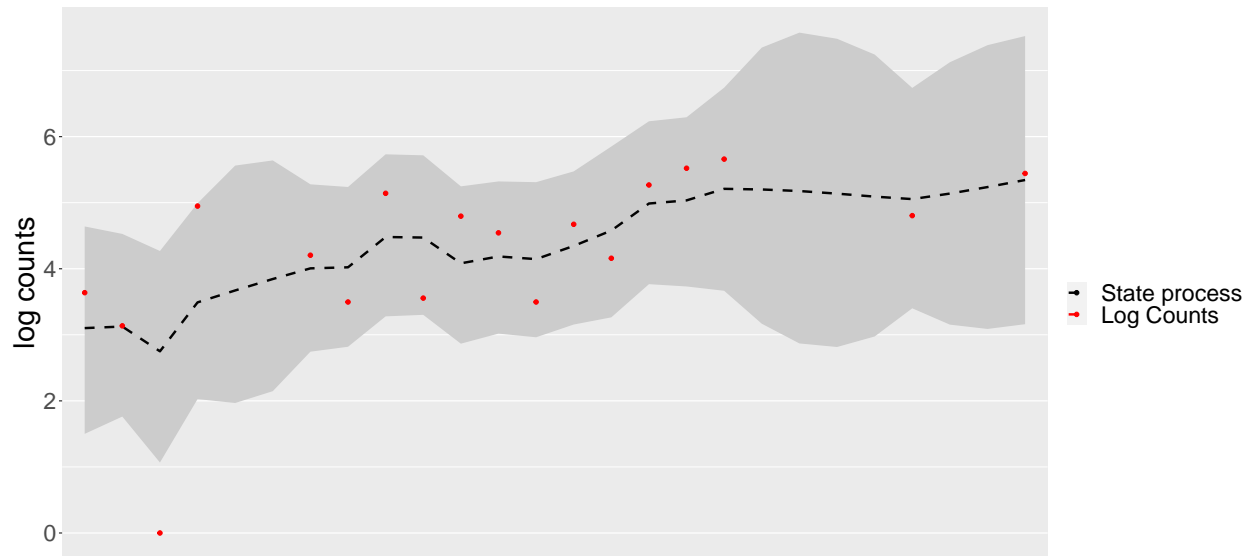


Winter

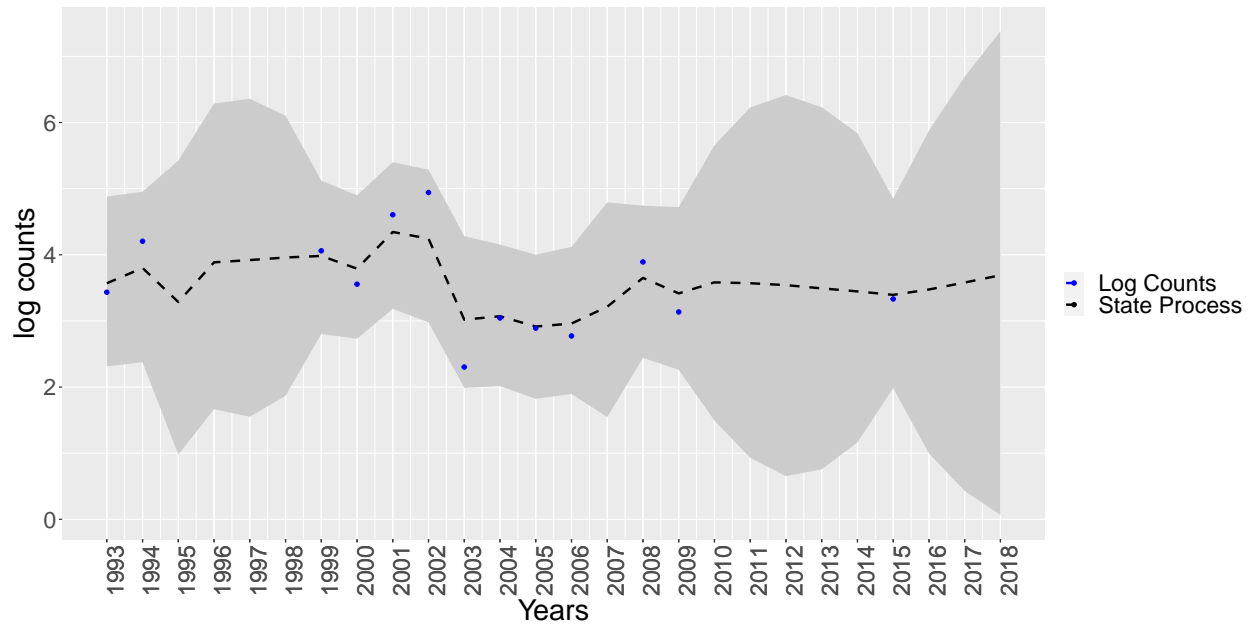


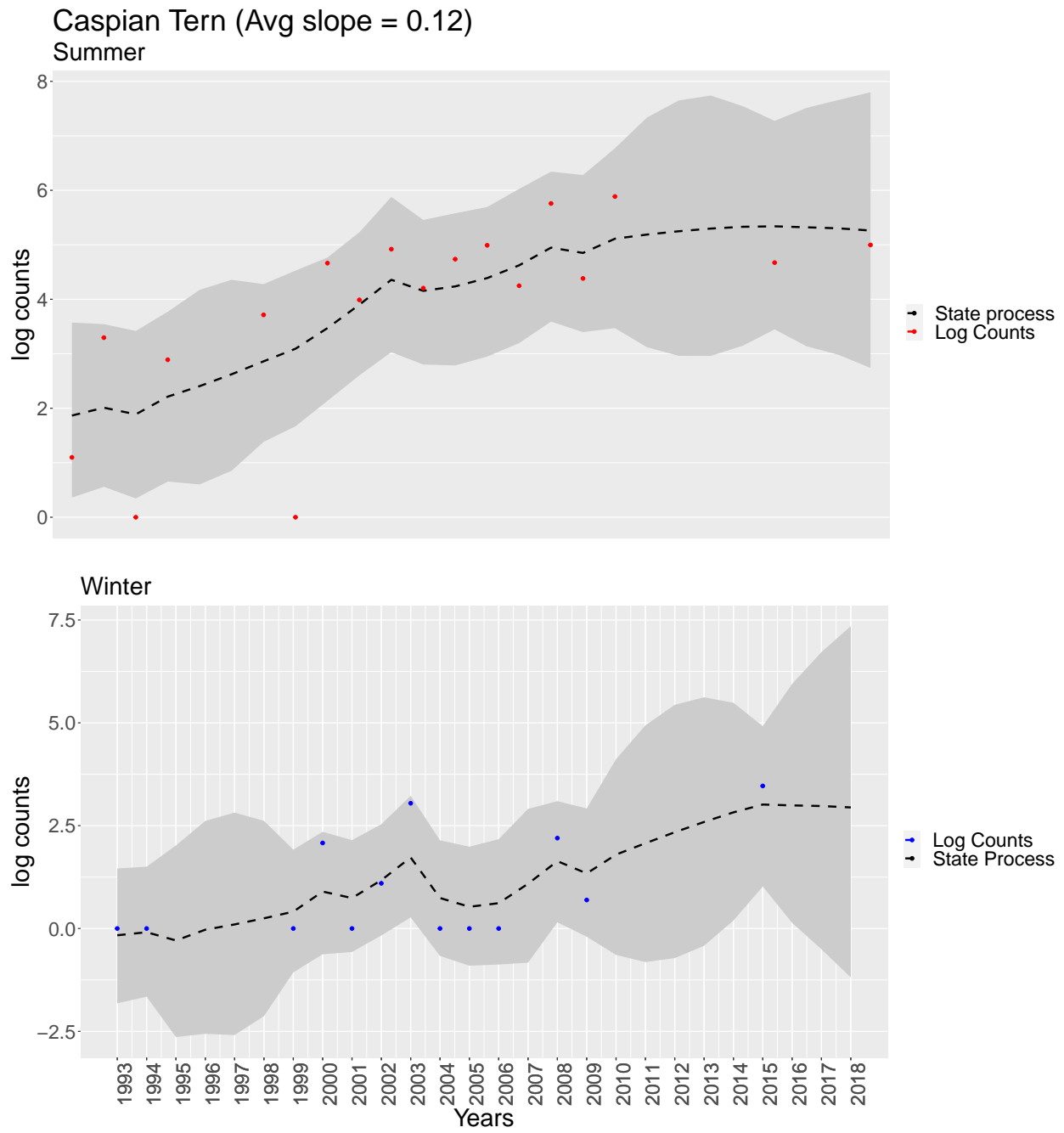


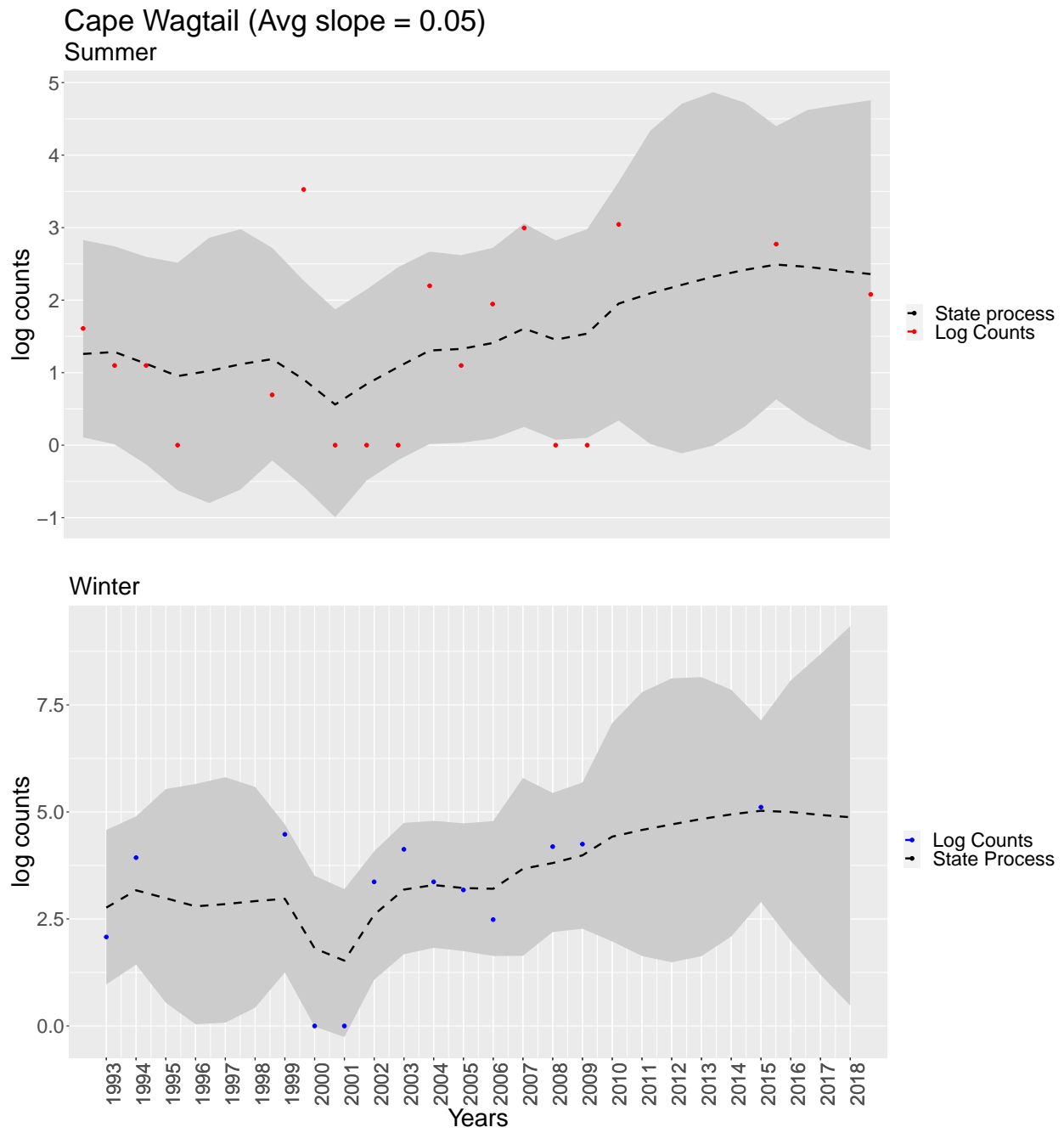
Grey-headed Gull (Avg slope = 0.08)
Summer



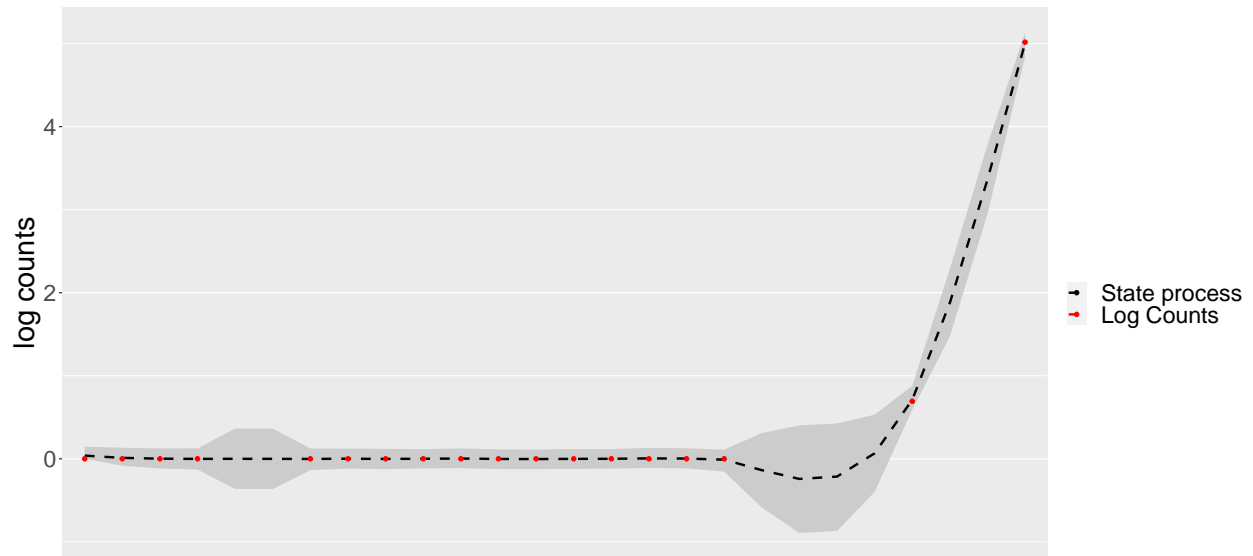
Winter



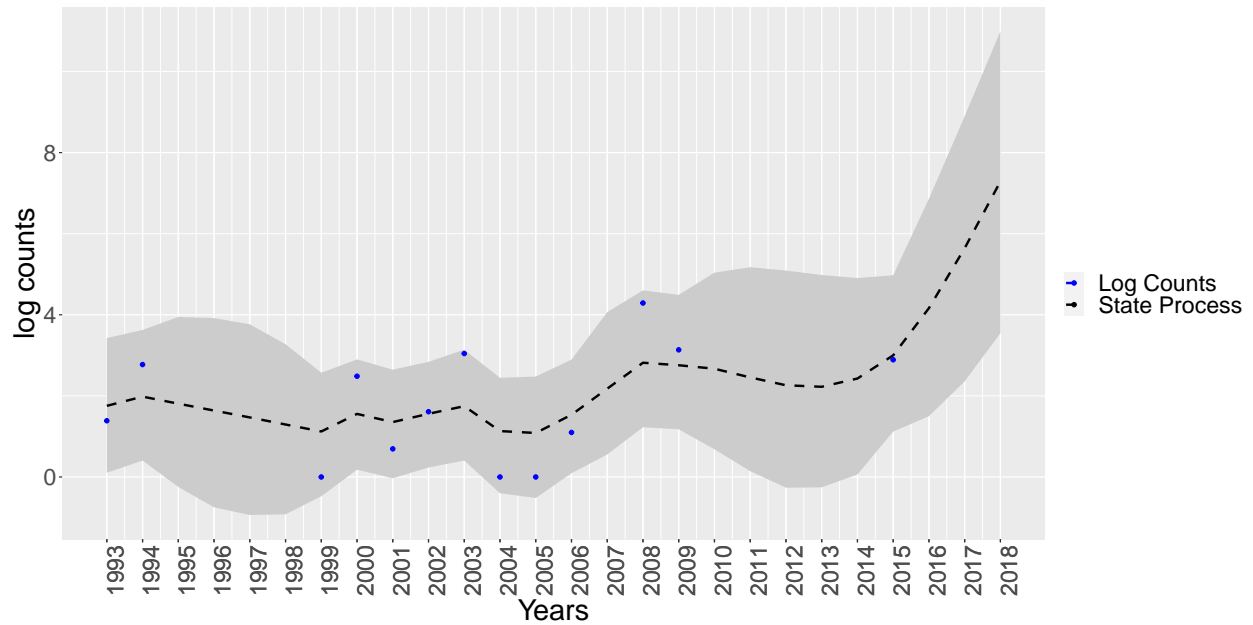




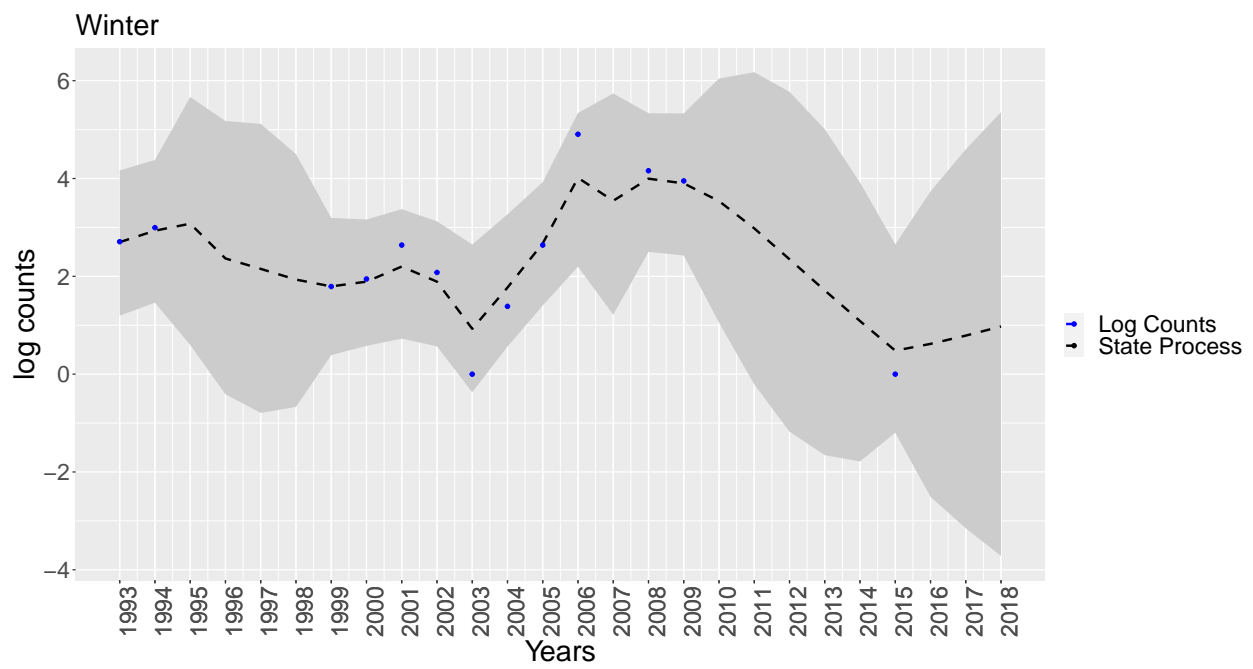
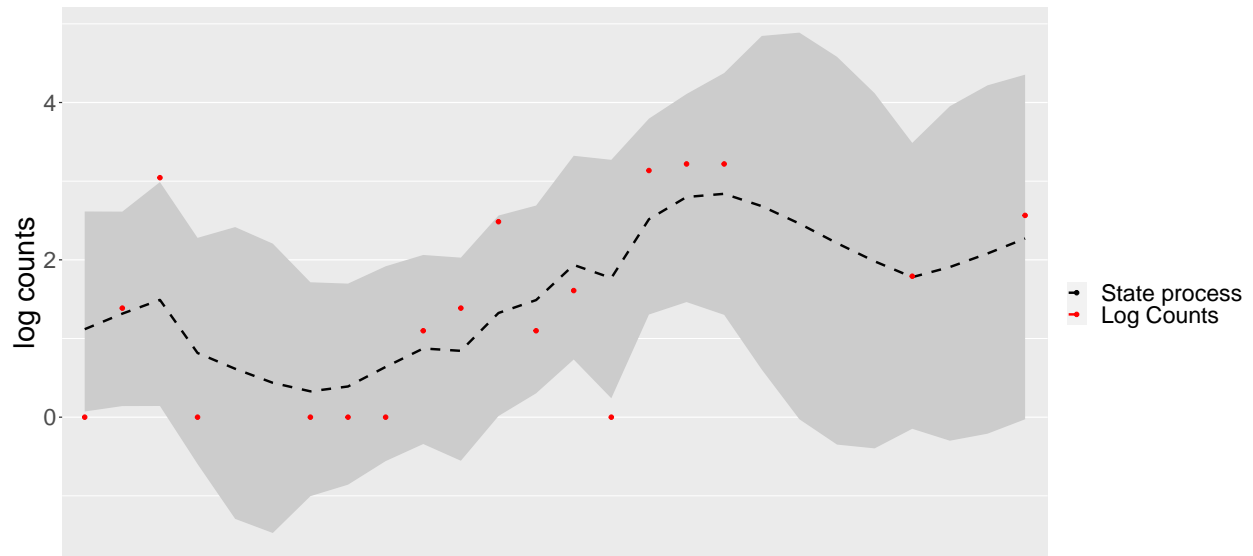
Black-necked Grebe (Avg slope = 0.25)
Summer



Winter

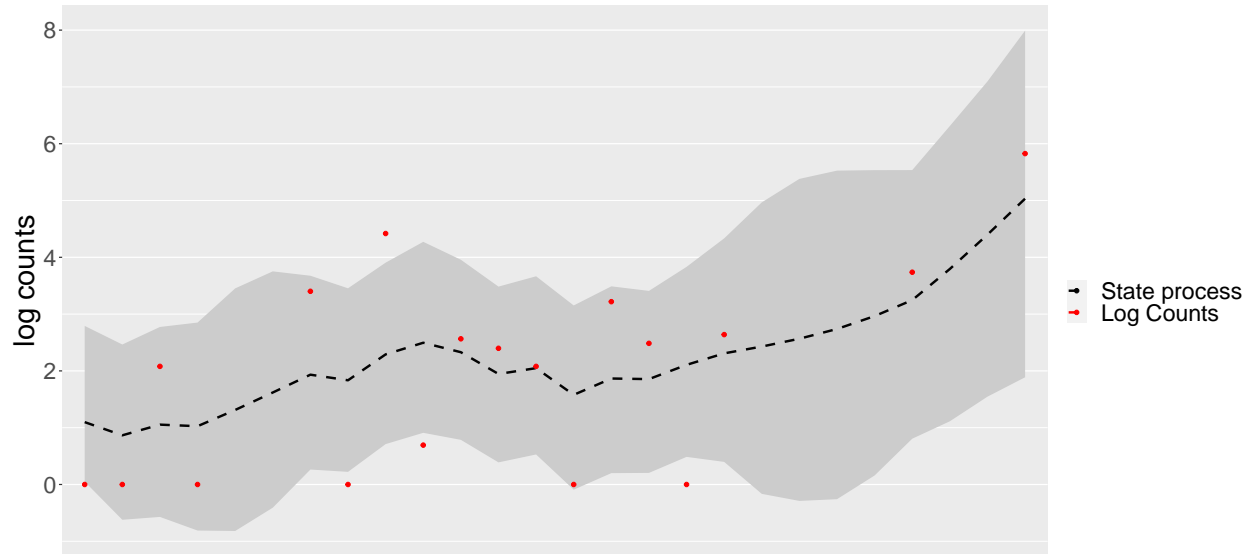


Cape Teal (Avg slope = 0.04)
Summer

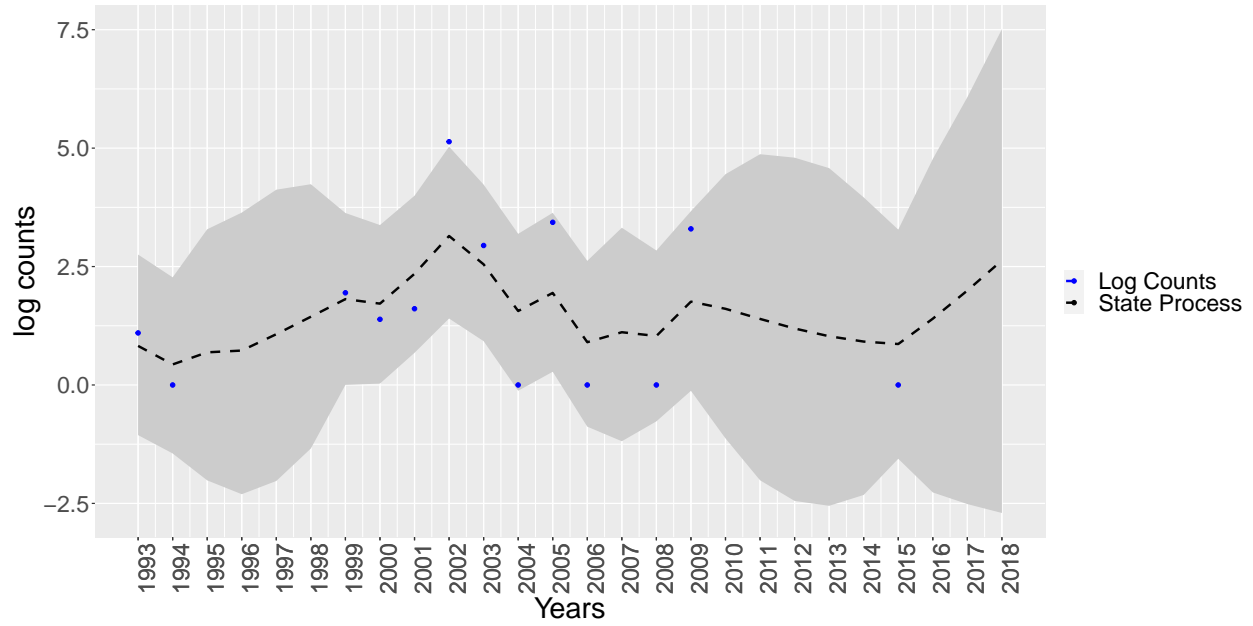


White-faced Duck (Avg slope = 0.16)

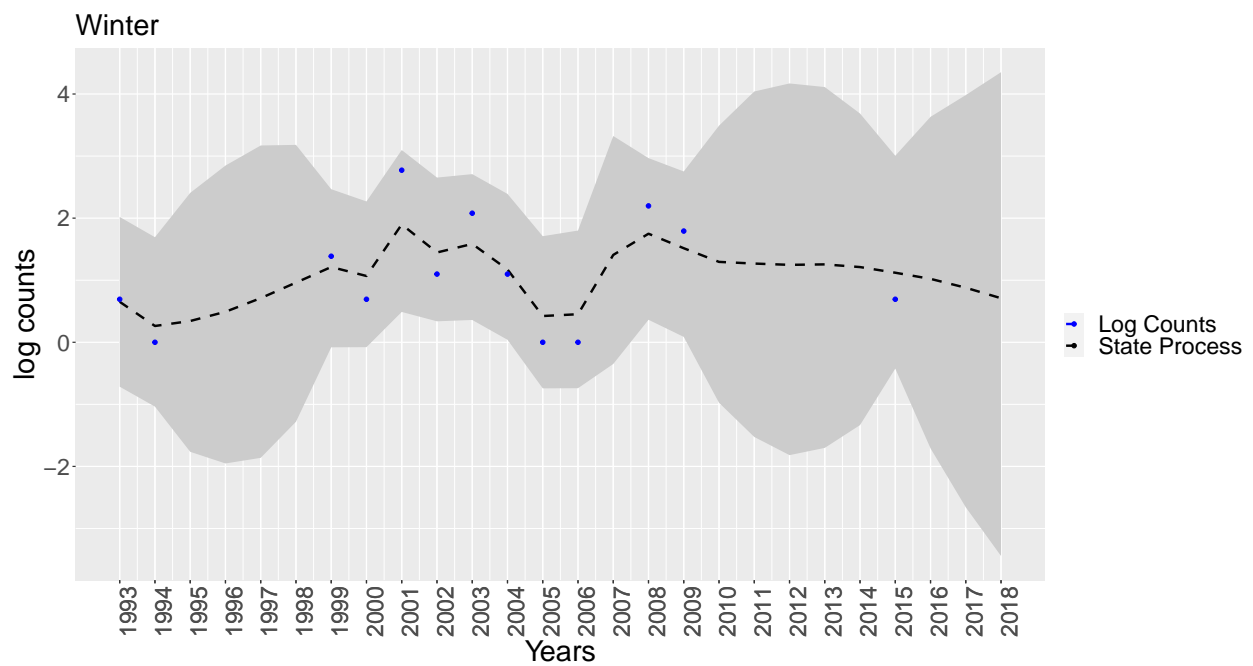
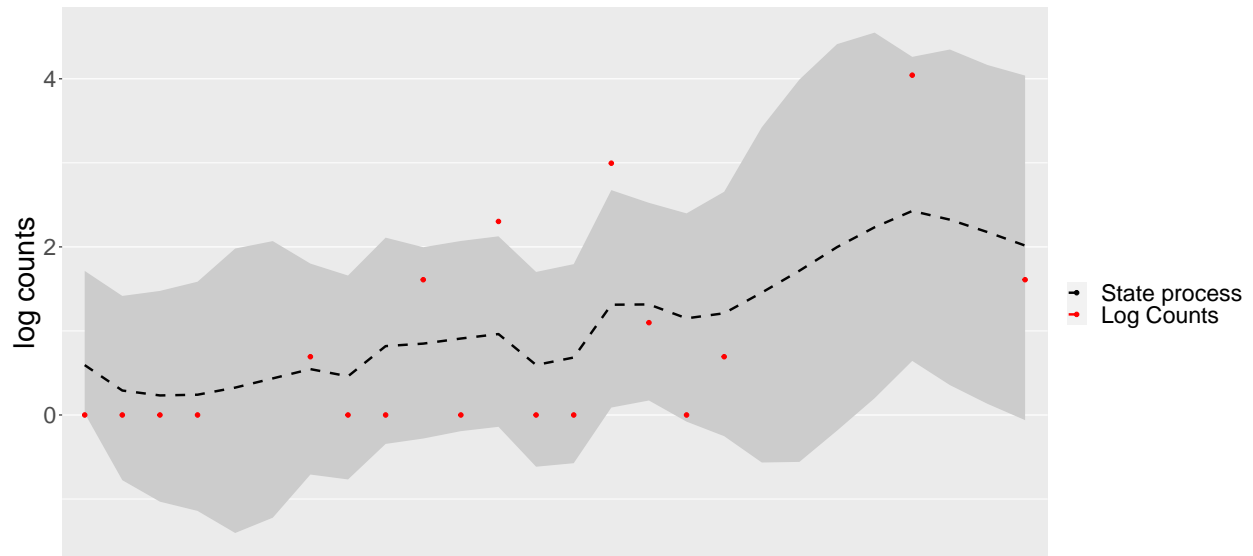
Summer



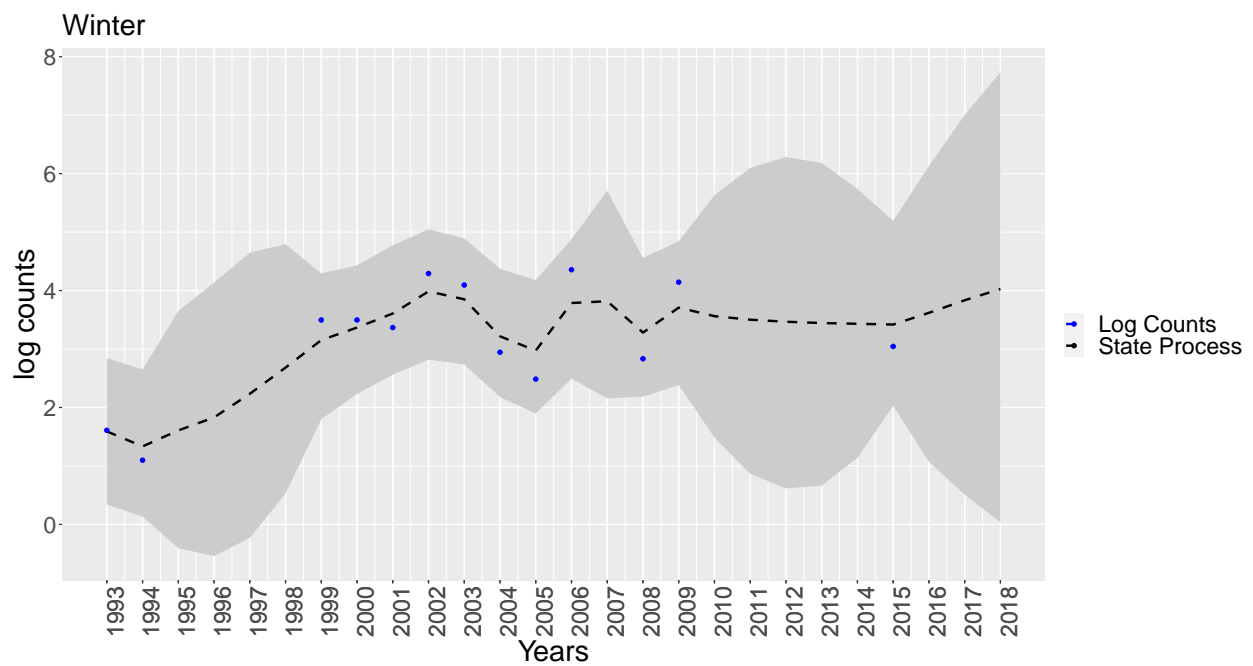
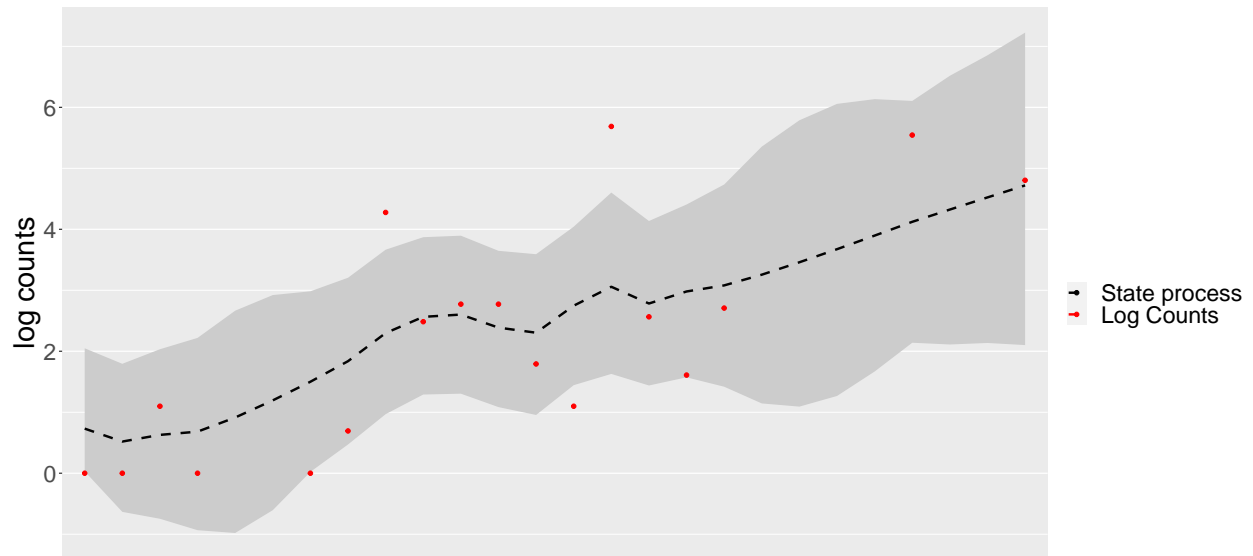
Winter



African Purple Swamphen (Avg slope = 0.05)
Summer

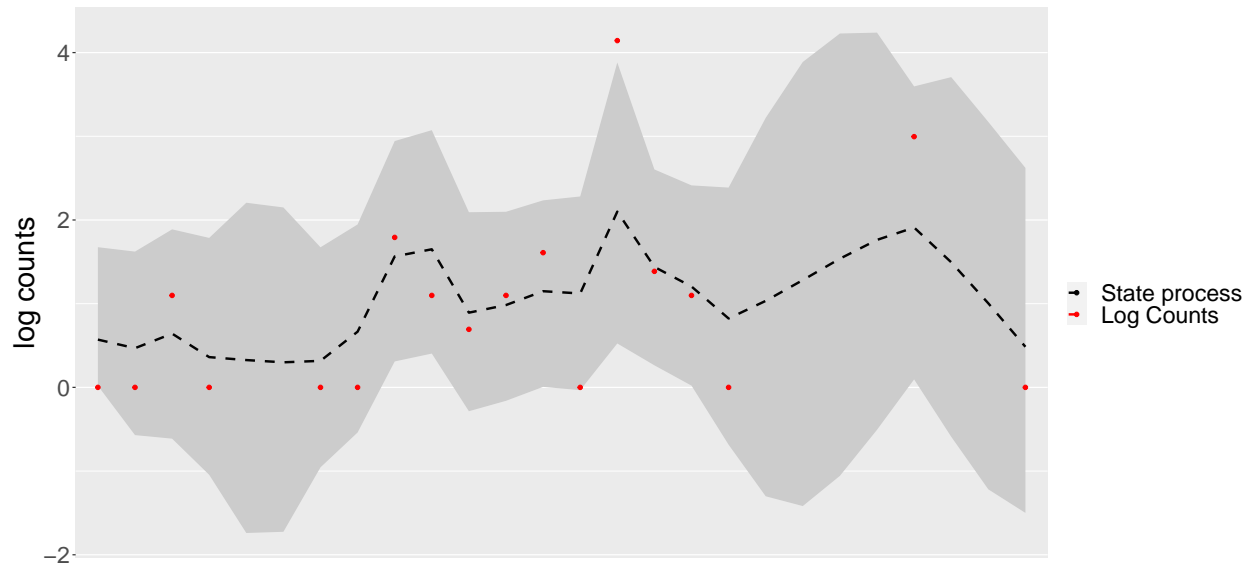


Common Moorhen (Avg slope = 0.14) Summer

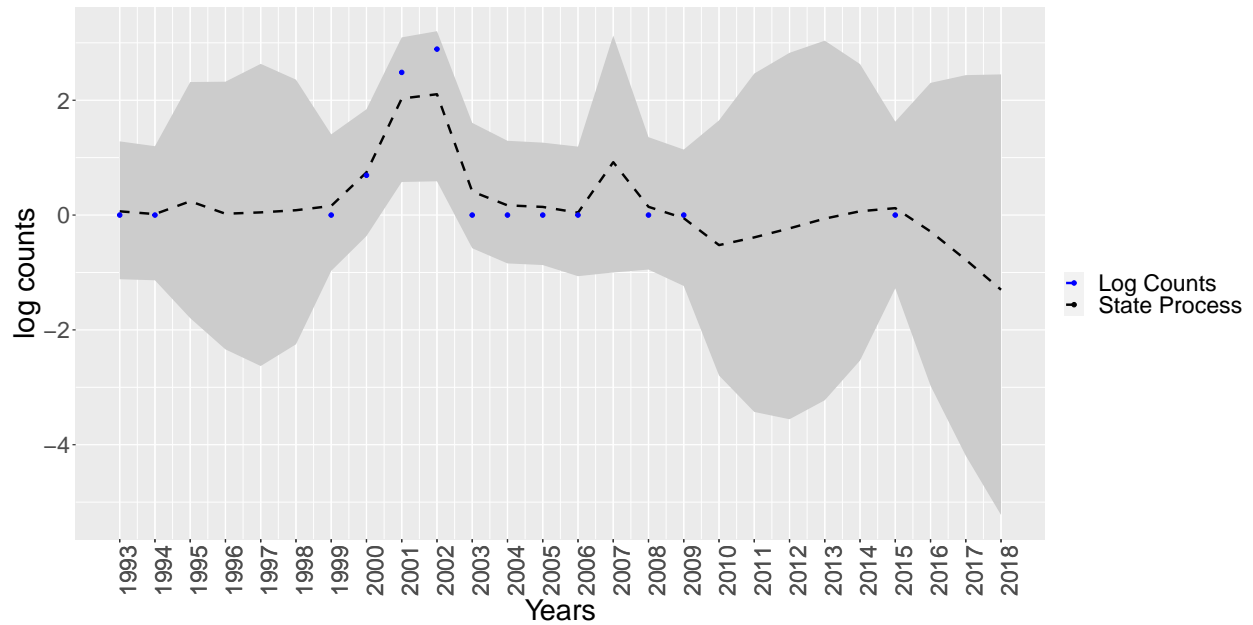


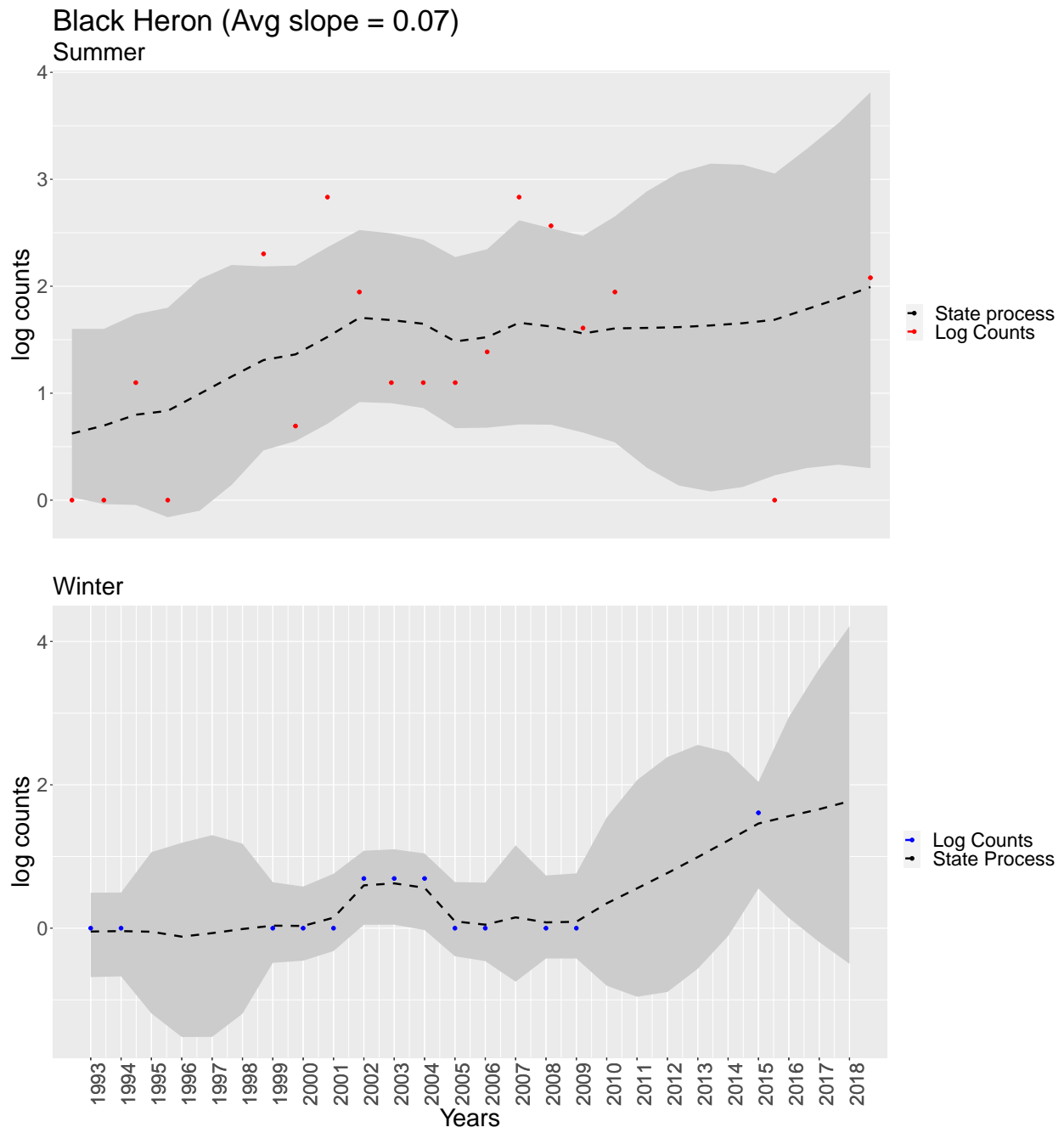
Yellow-billed Egret (Avg slope = 0.01)

Summer

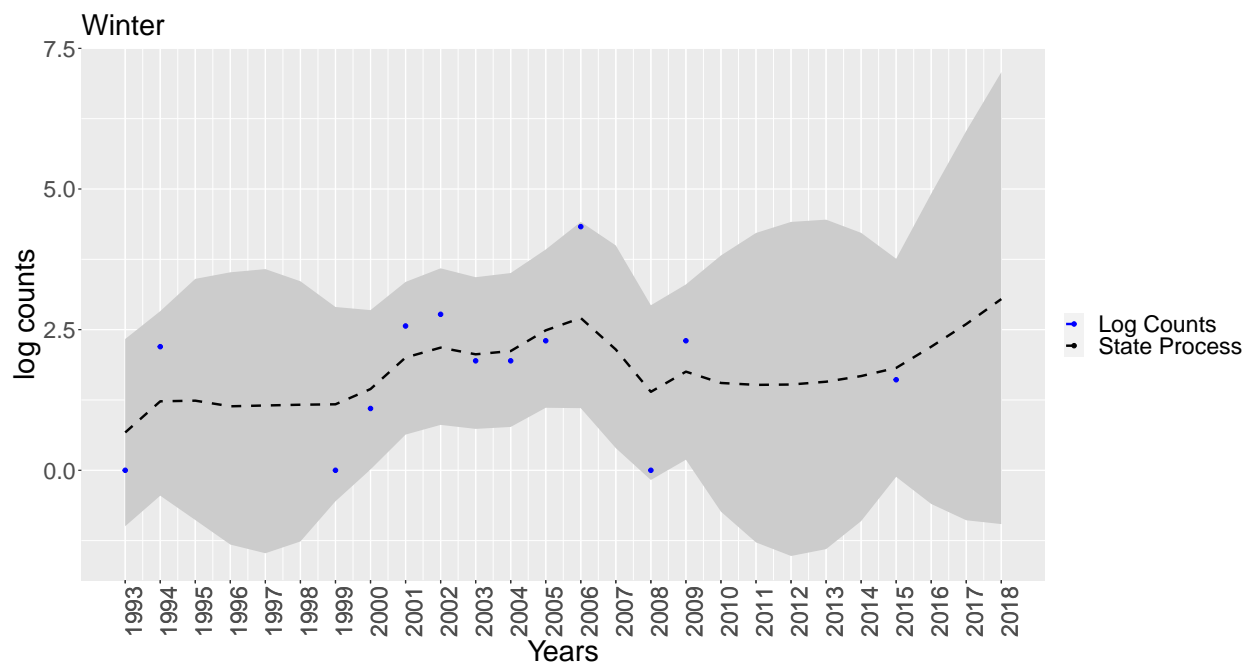
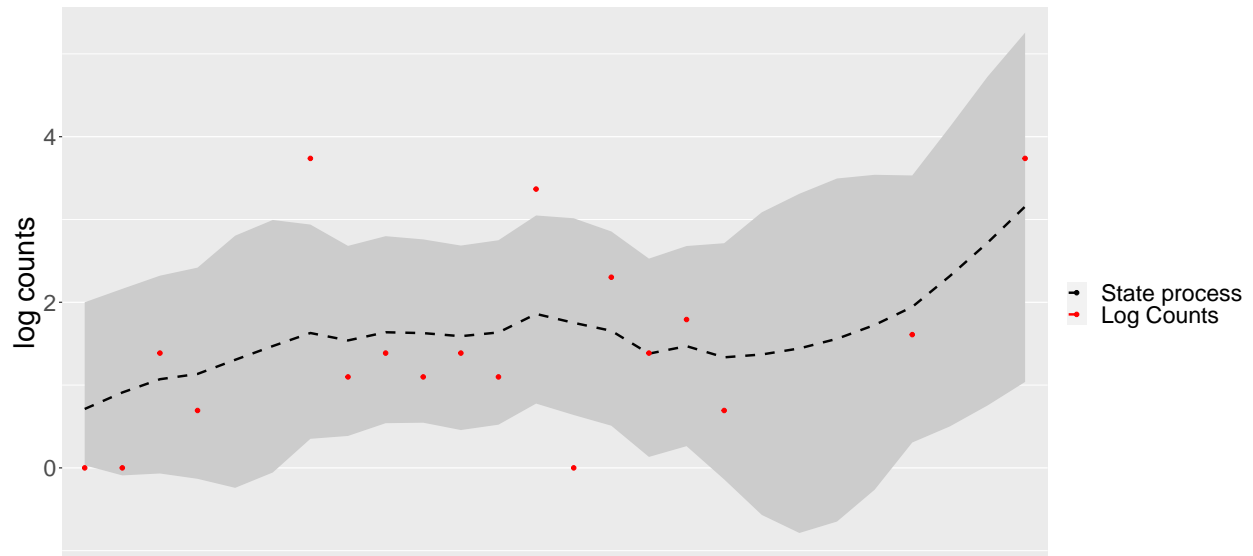


Winter

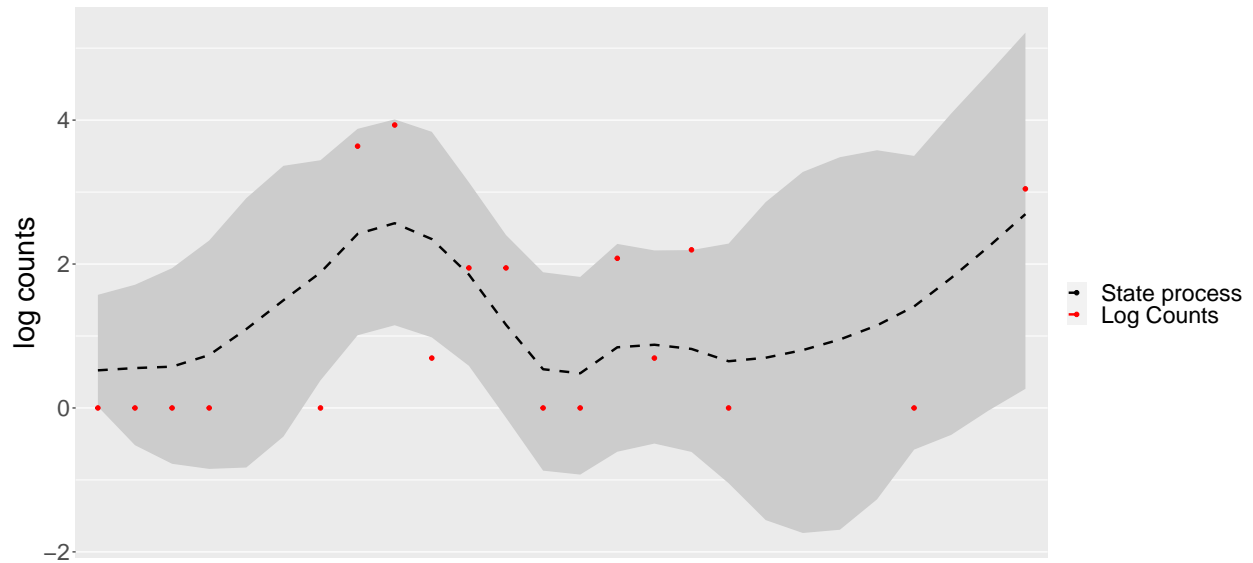




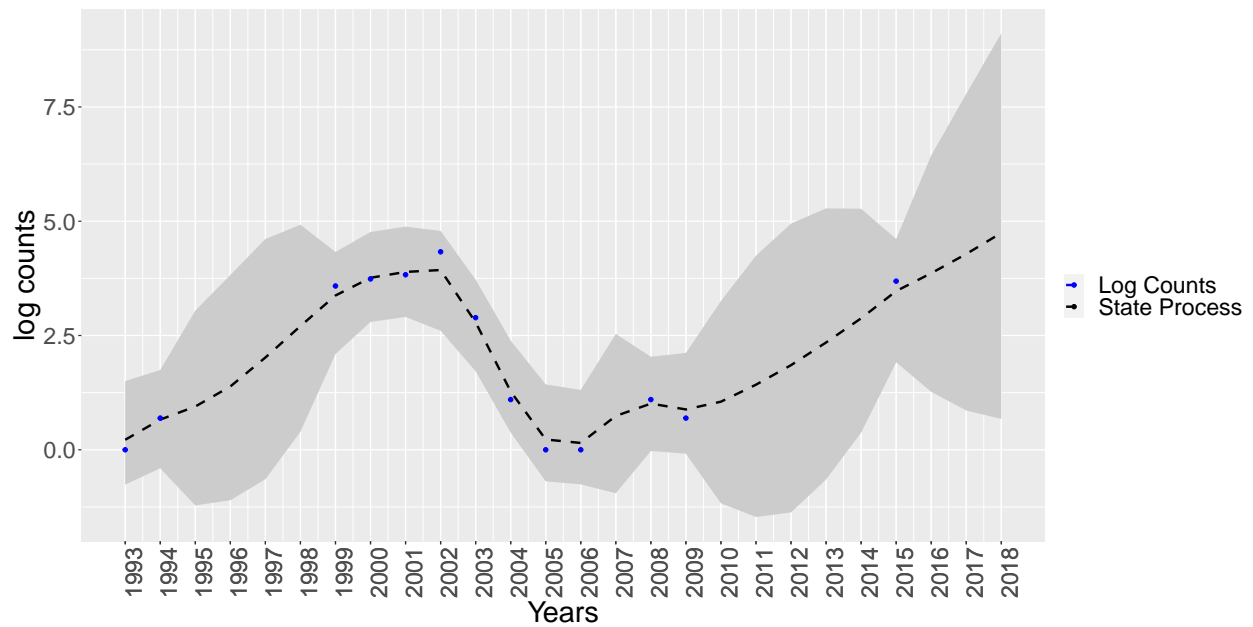
Hadedda Ibis (Avg slope = 0.11) Summer



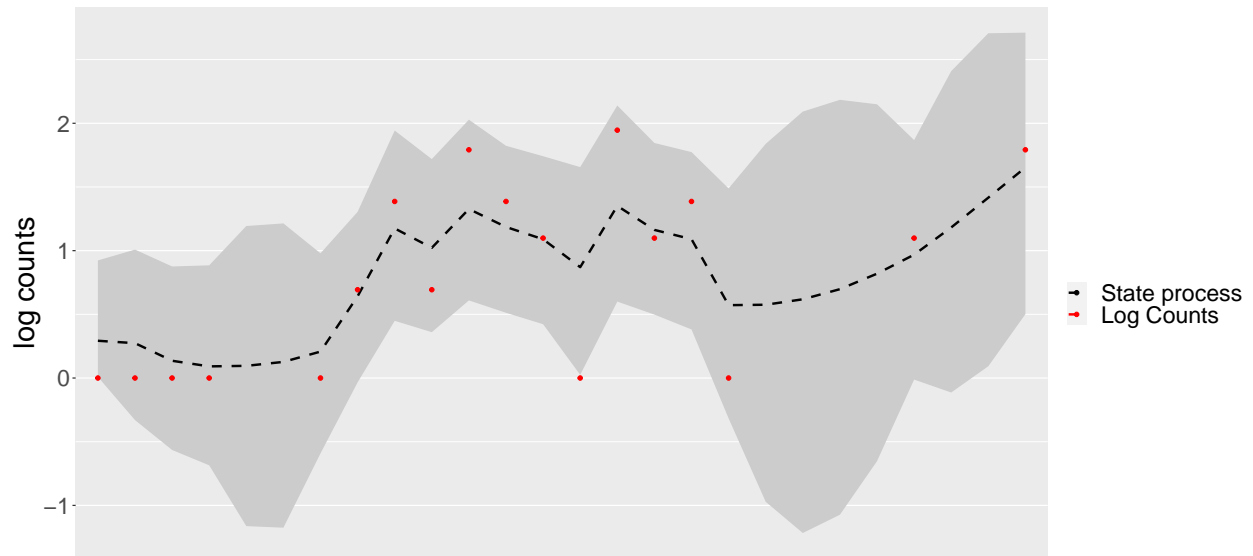
African Sacred Ibis (Avg slope = 0.11)
Summer



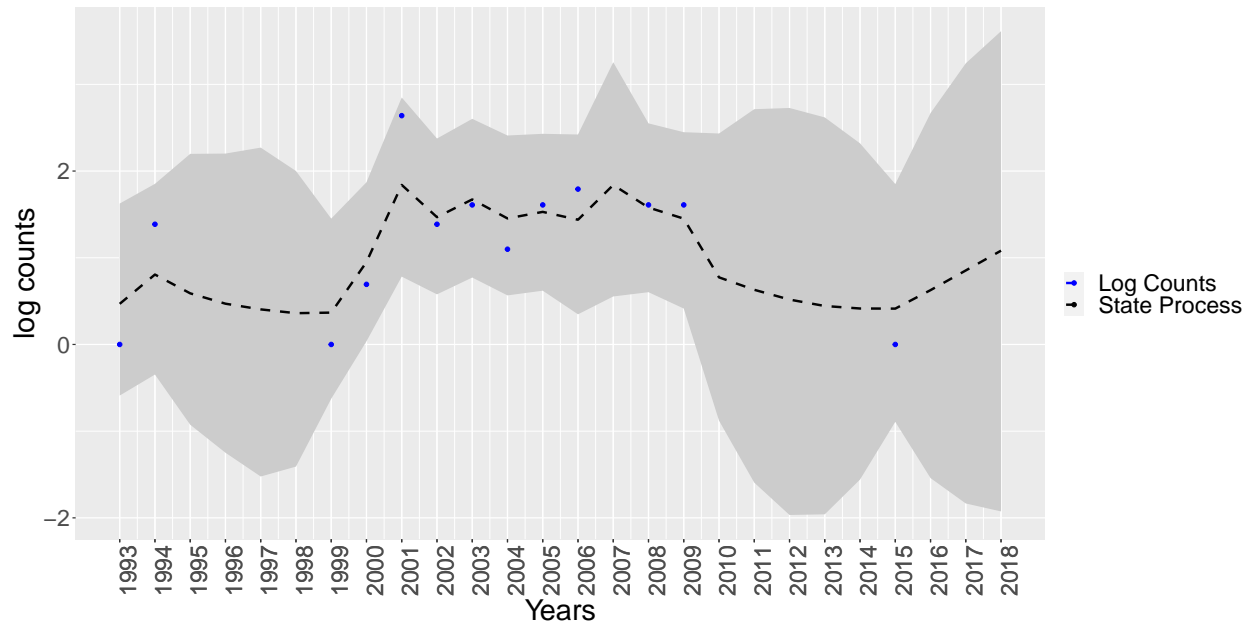
Winter



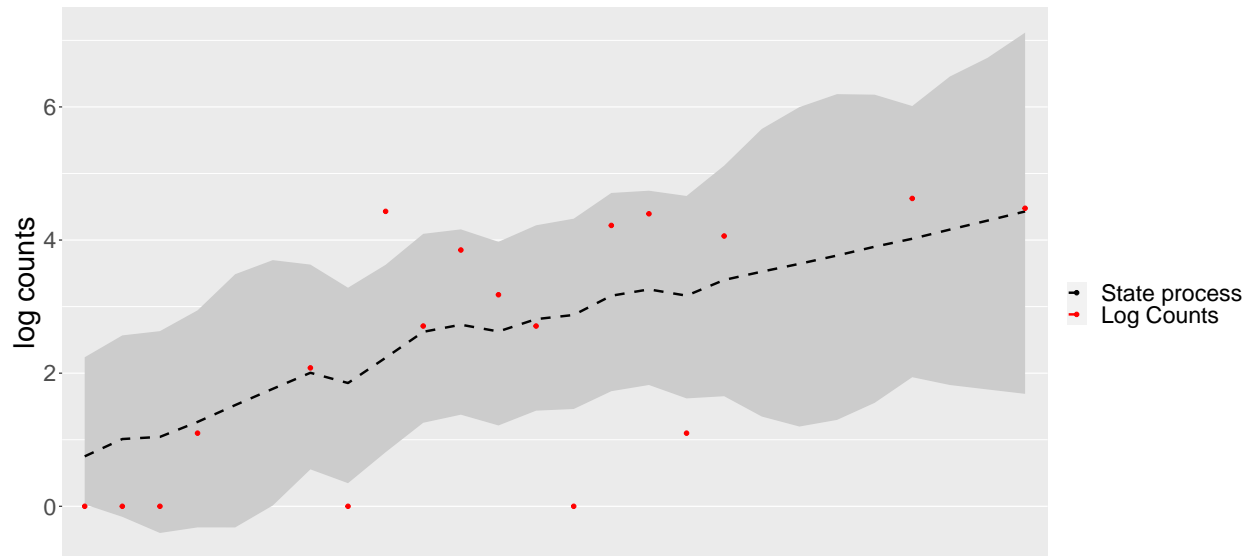
African Fish-Eagle (Avg slope = 0.06)
Summer



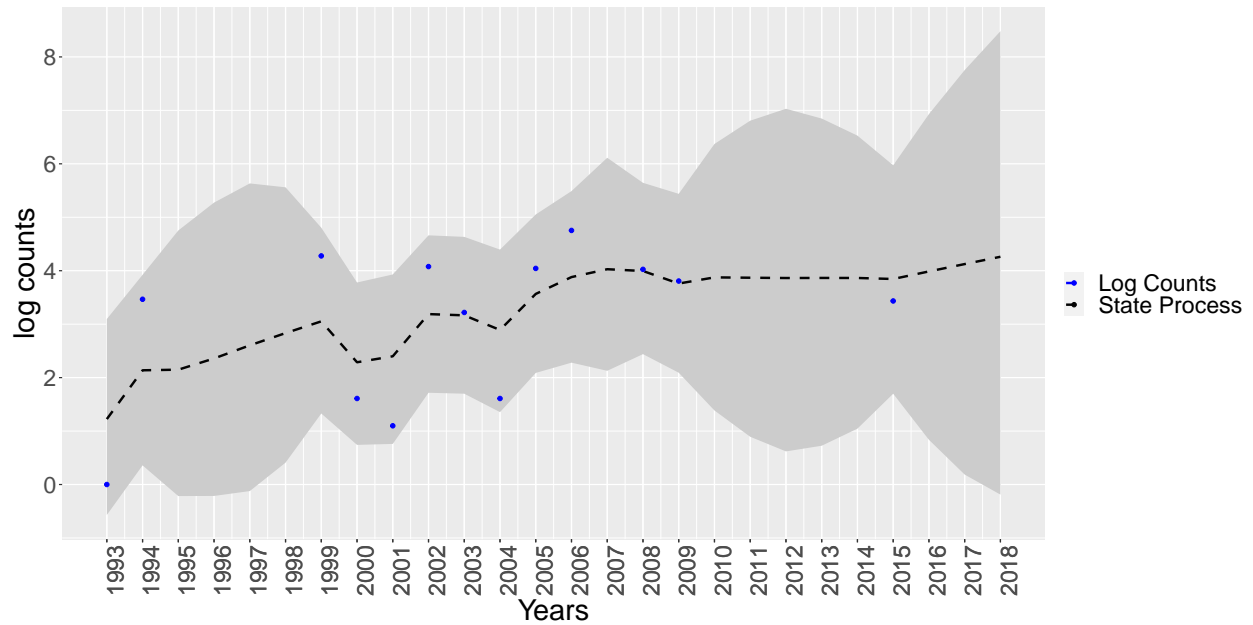
Winter



Black-winged Stilt (Avg slope = 0.14) Summer



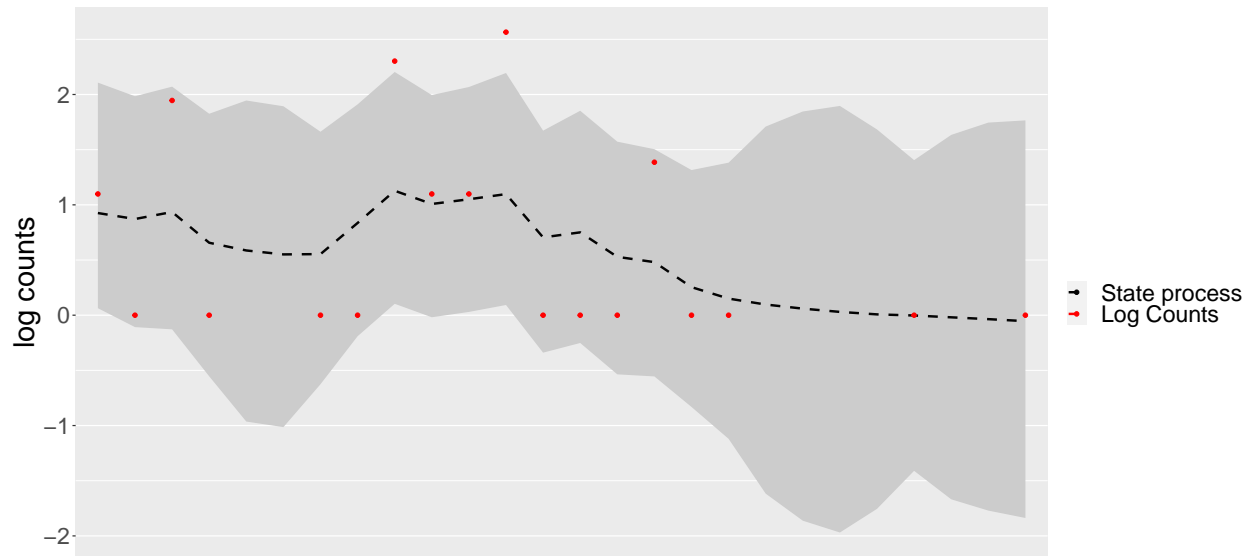
Winter



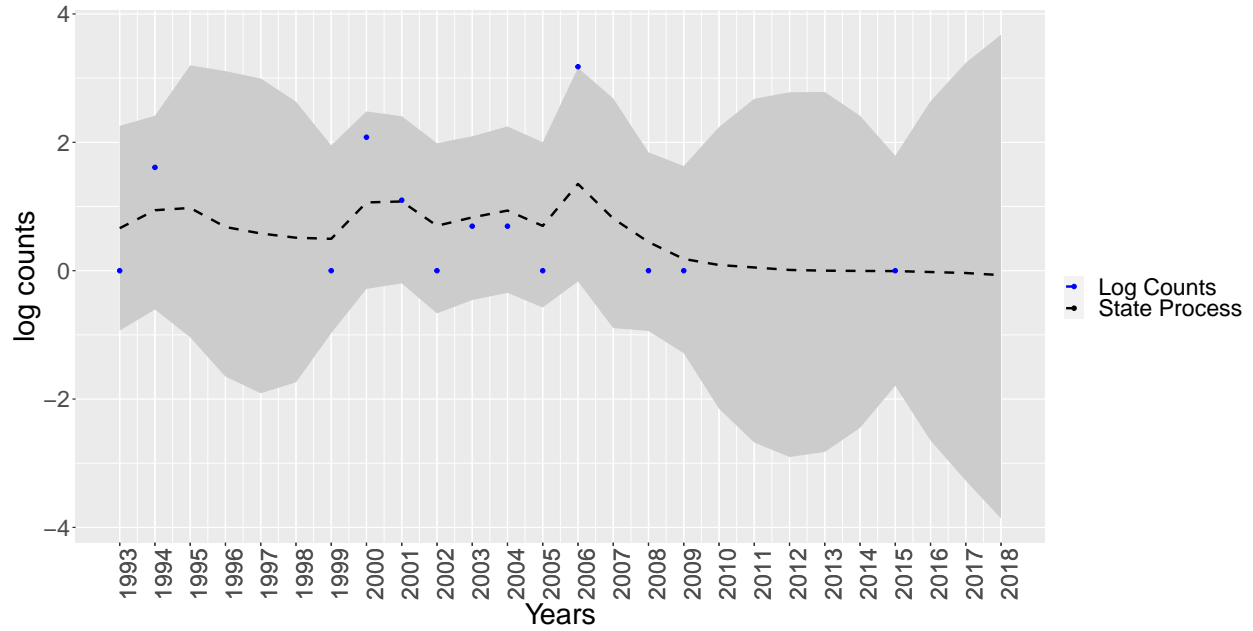
Migrants

Blue-billed Teal (Avg Slope = -0.04)

Summer

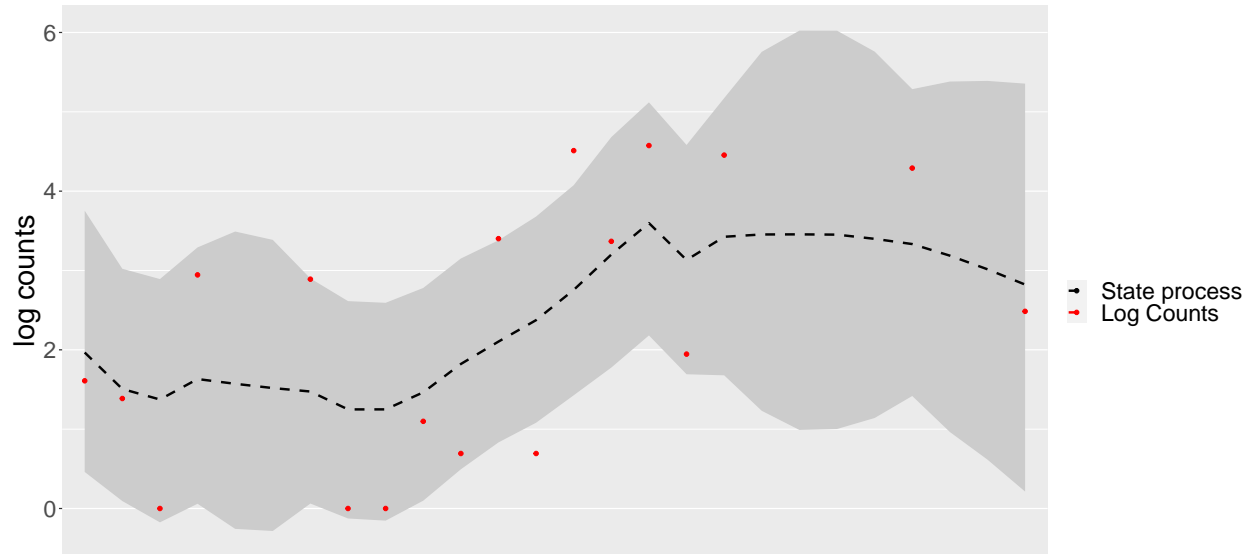


Winter

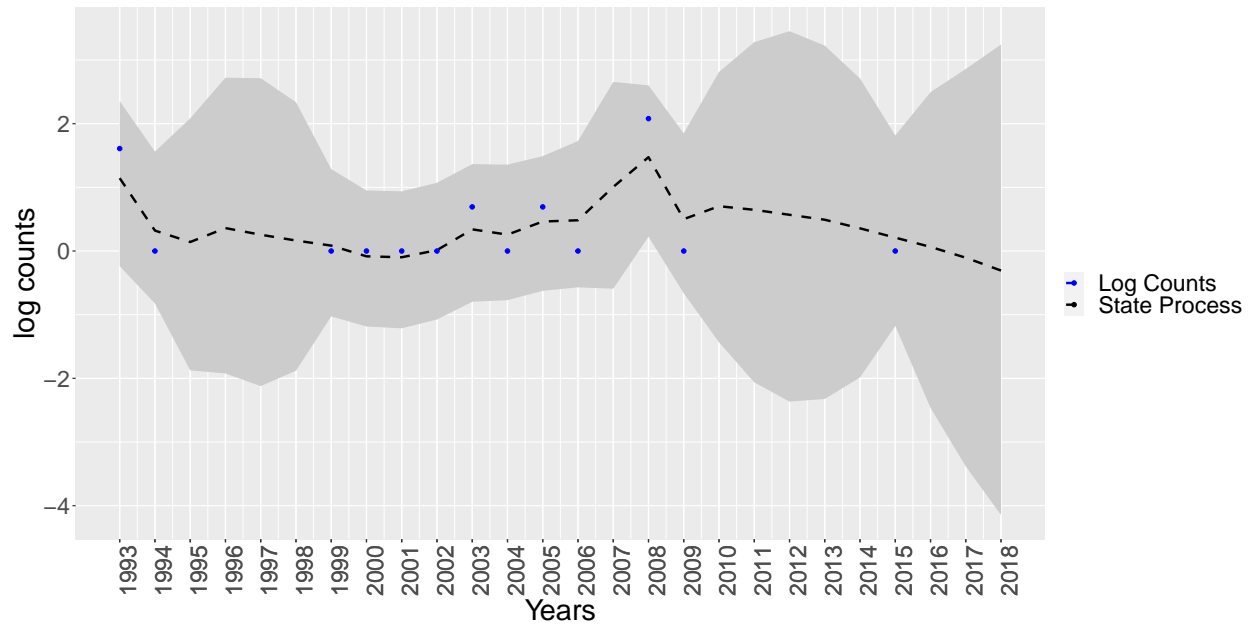


Common Ringed Plover (Avg Slope = 0.02)

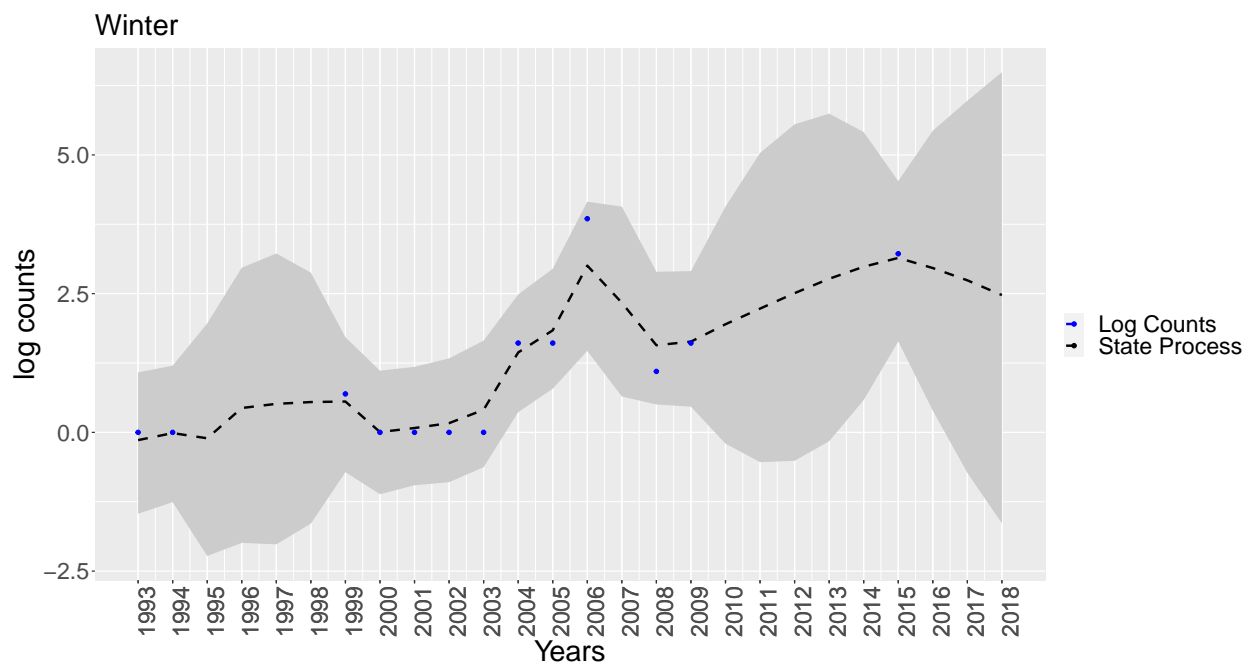
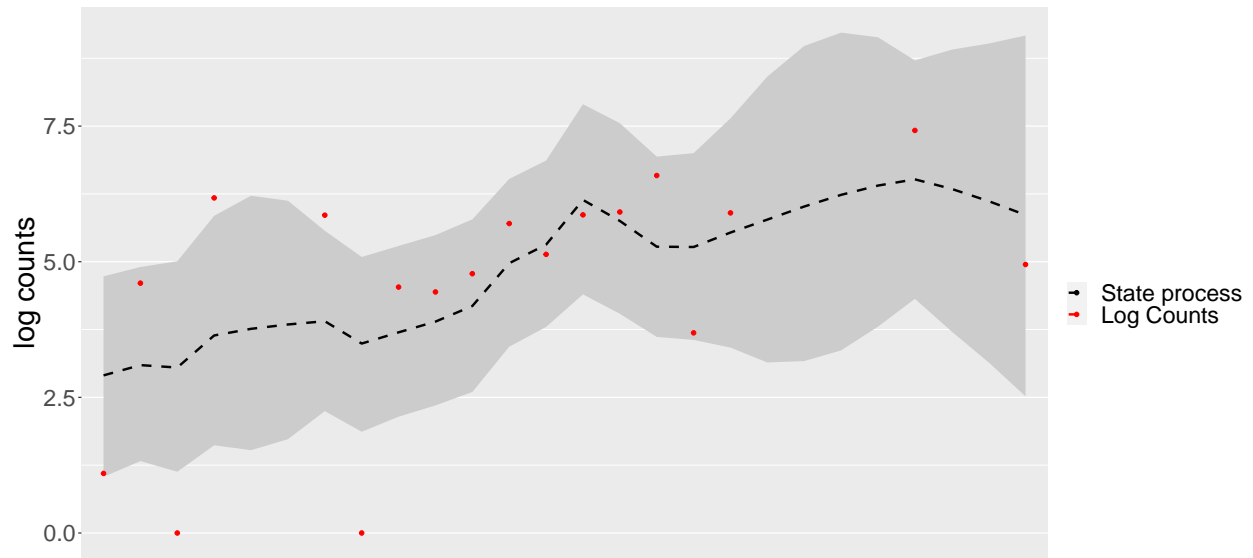
Summer



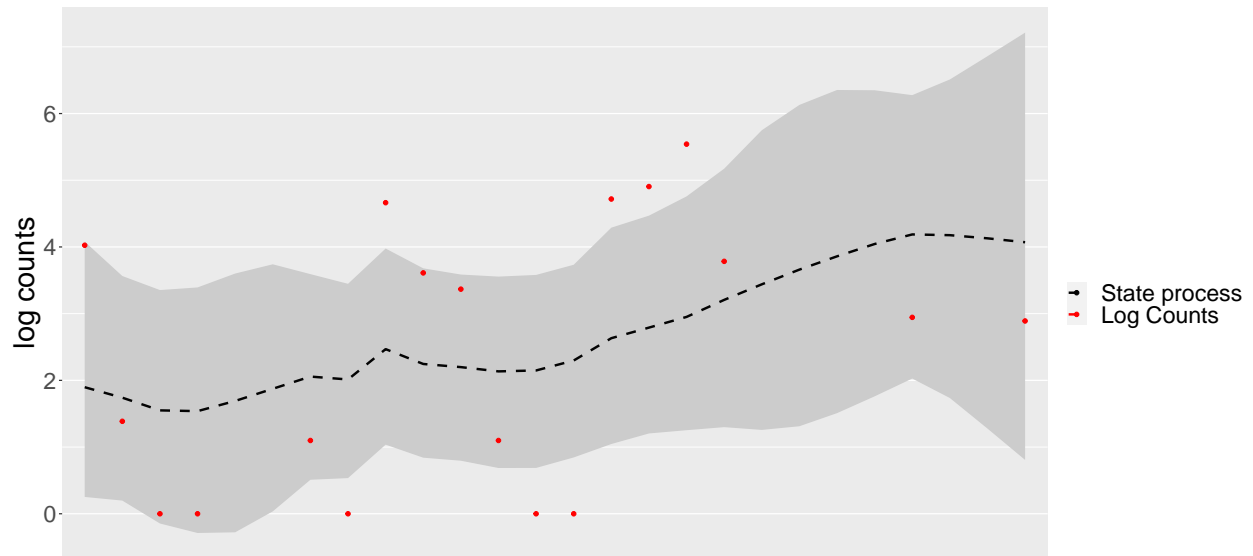
Winter



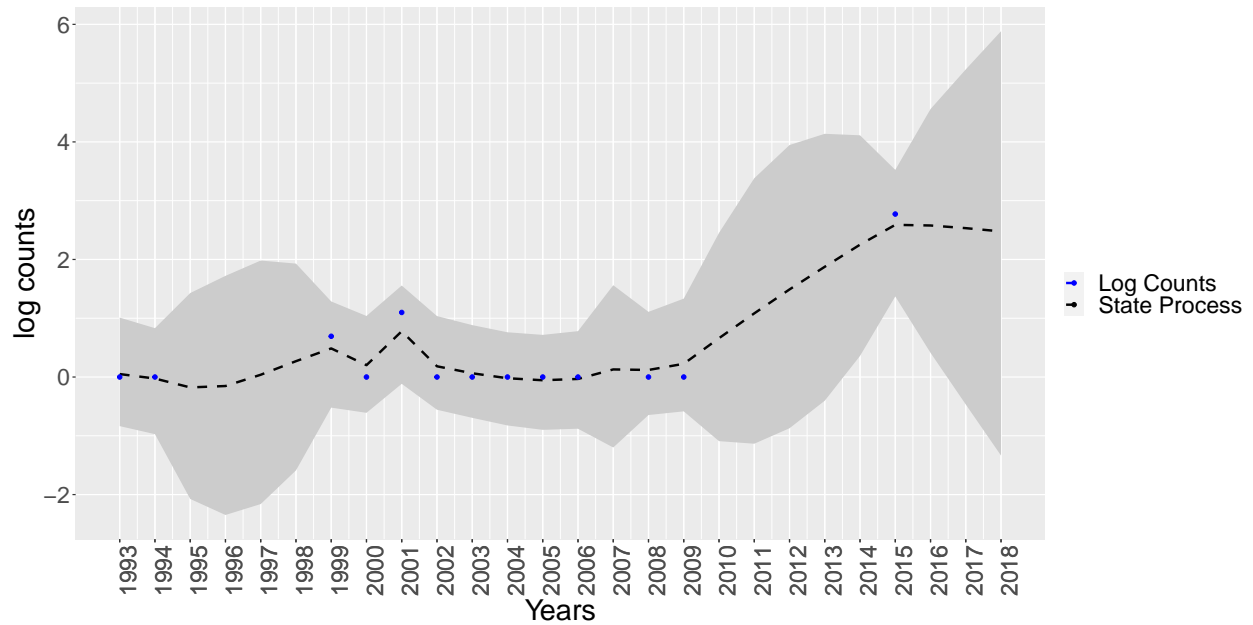
Little Stint (Avg Slope = 0.1)
Summer



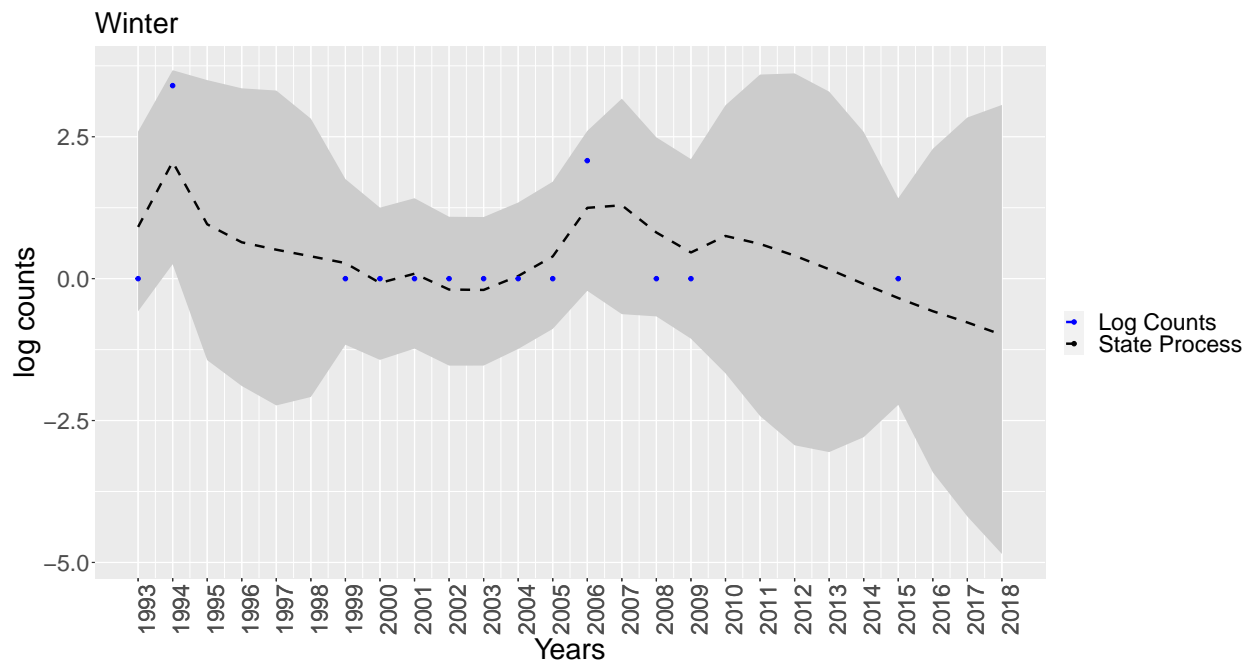
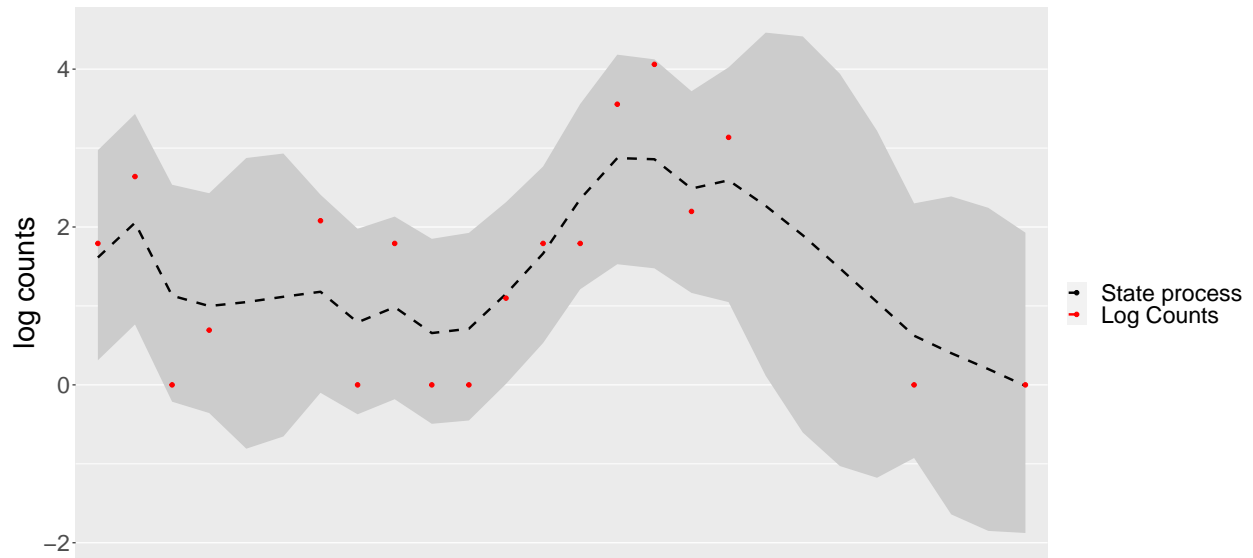
Ruff (Avg Slope = 0.08)
Summer

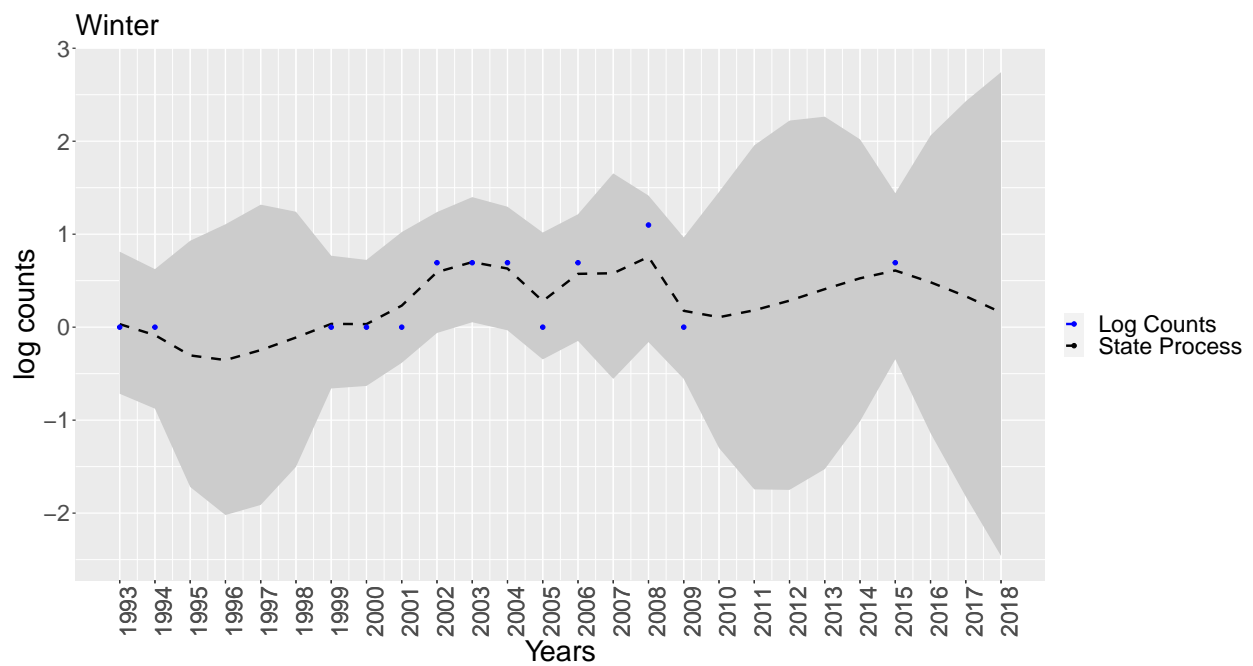
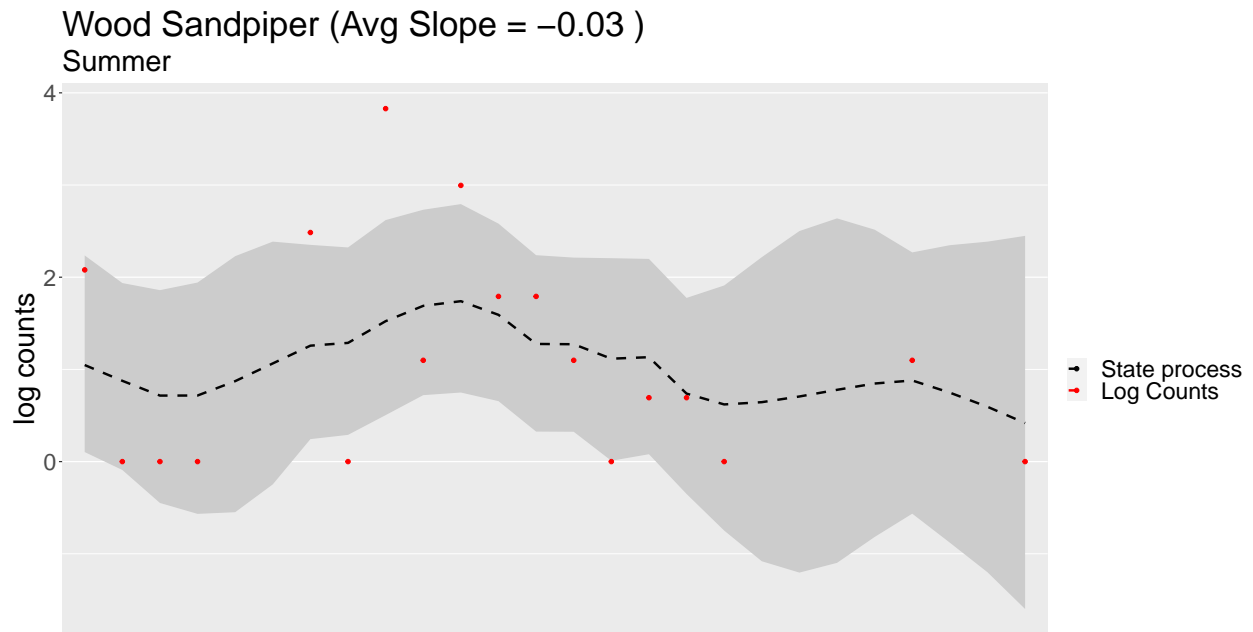


Winter

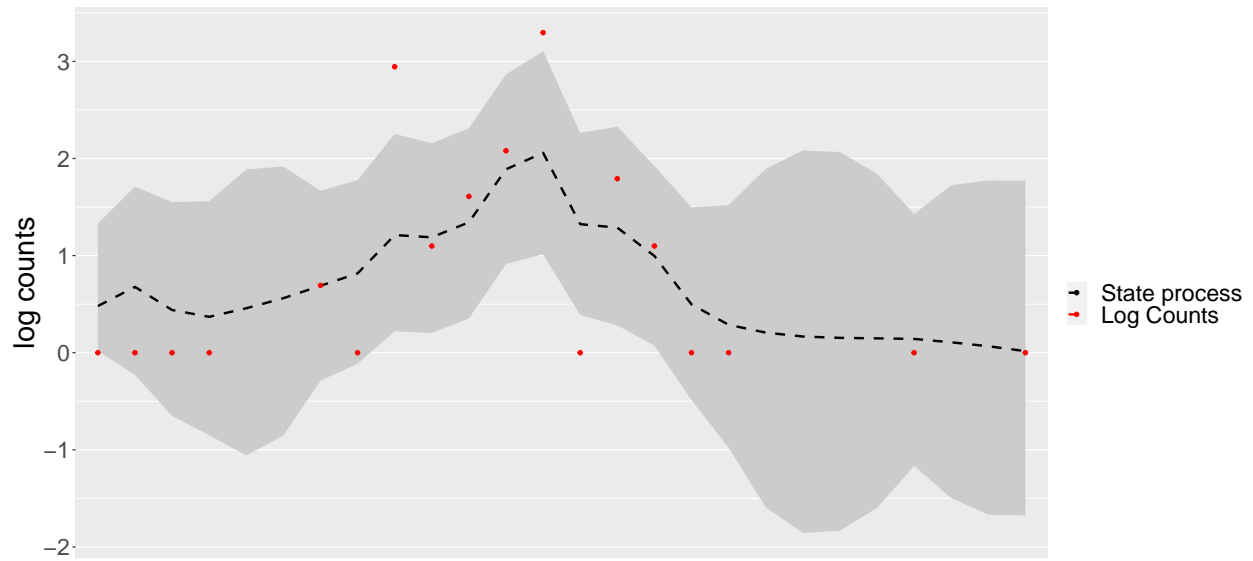


Common Sandpiper (Avg Slope = -0.06)
Summer

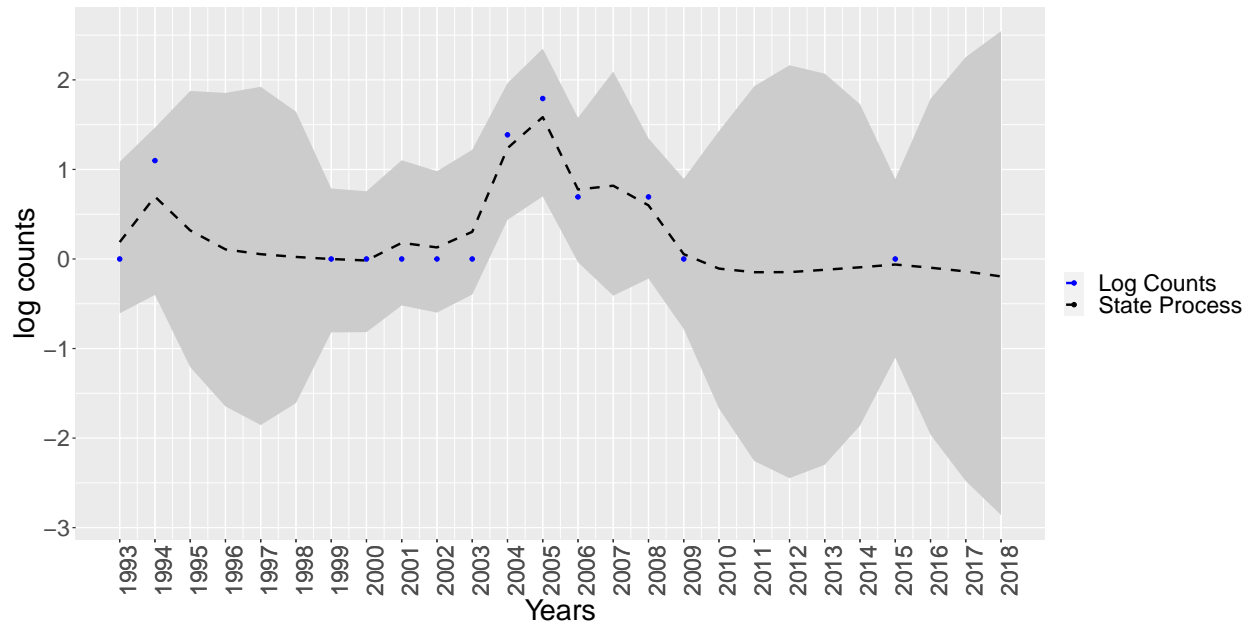




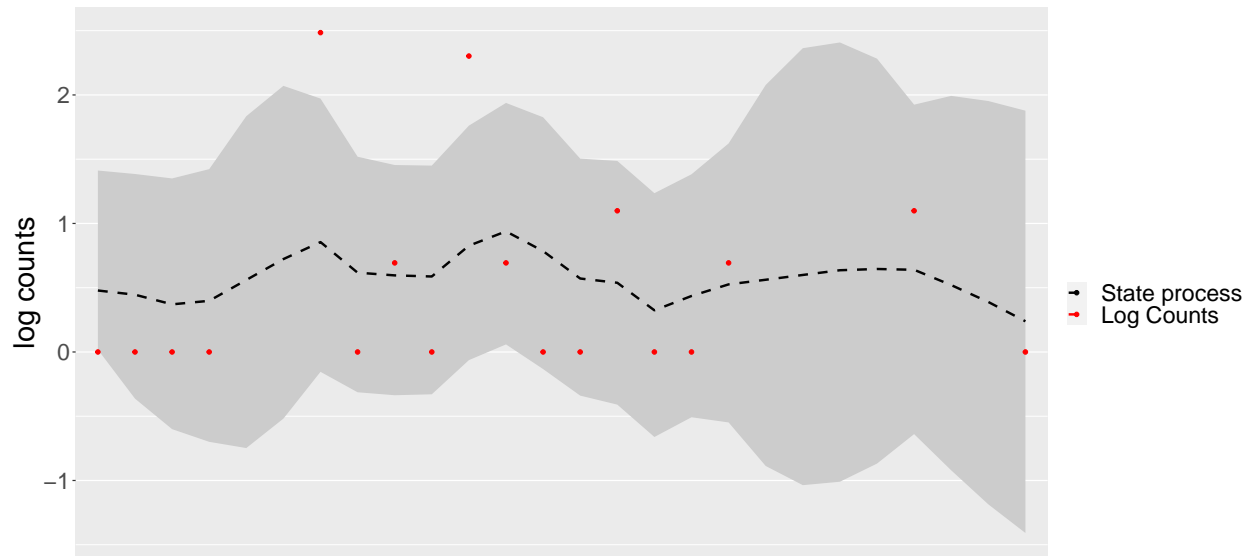
Common Greenshank (Avg Slope = -0.02)
Summer



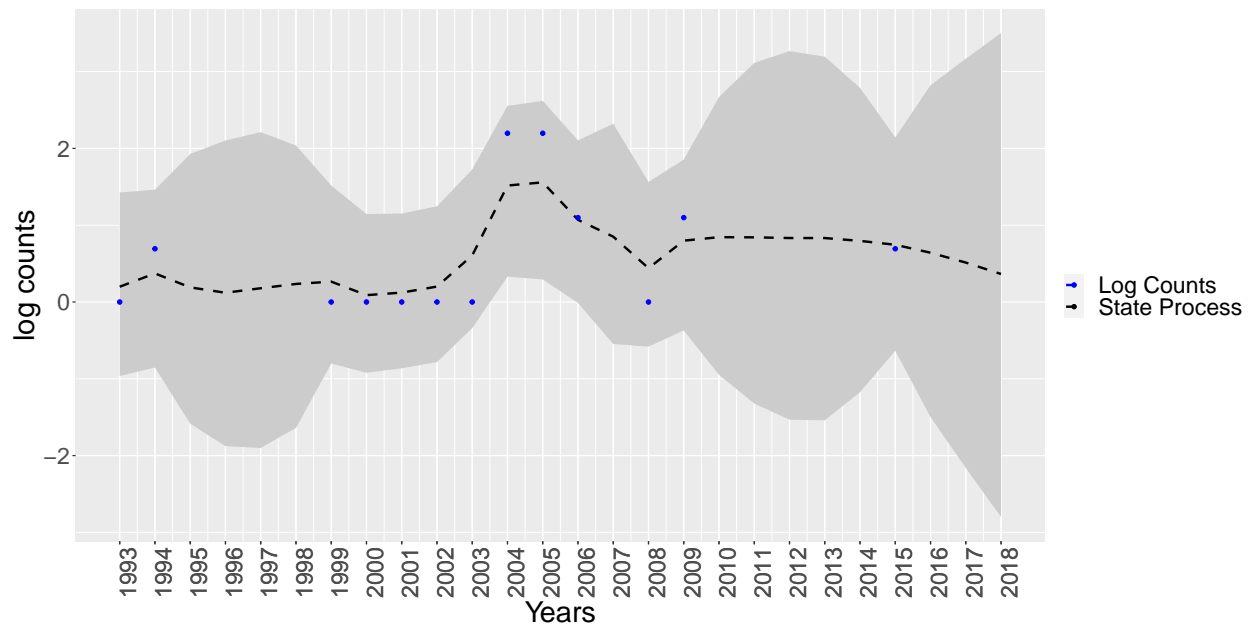
Winter



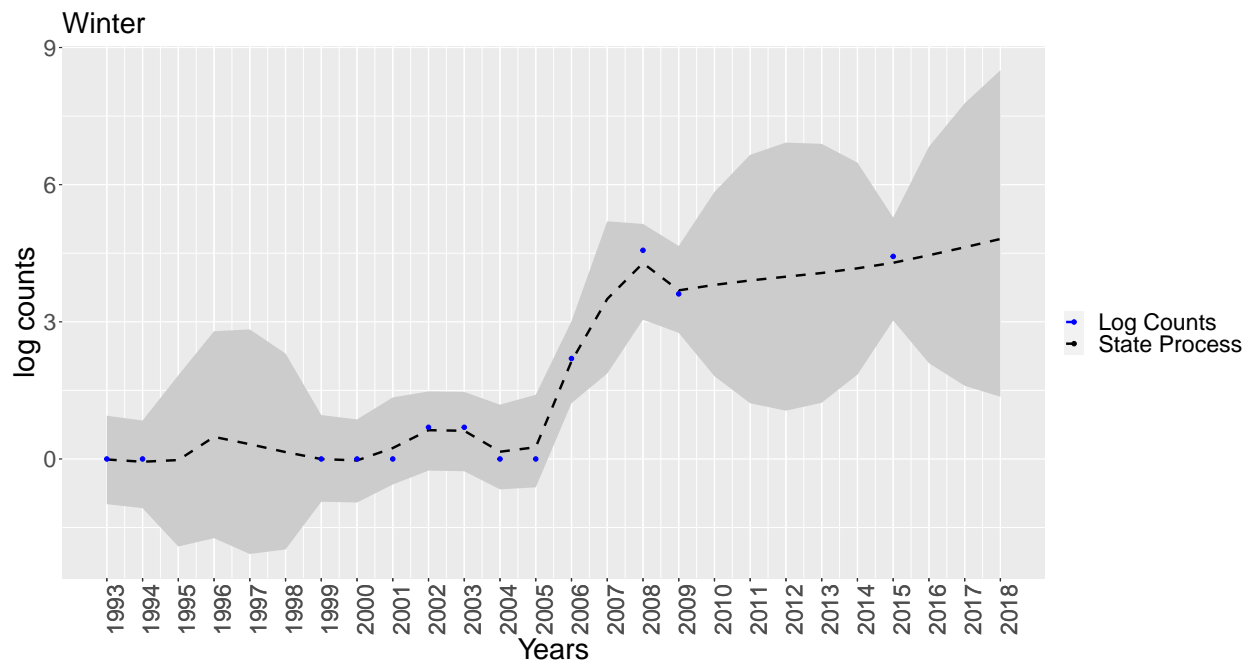
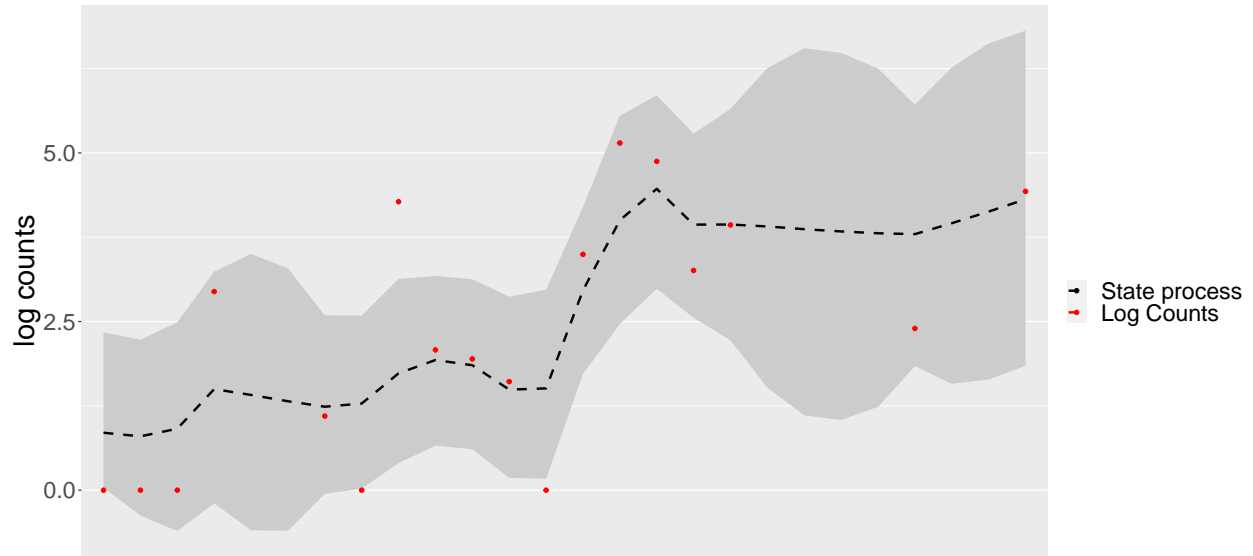
Pied Avocet (Avg Slope = -0.01)
Summer

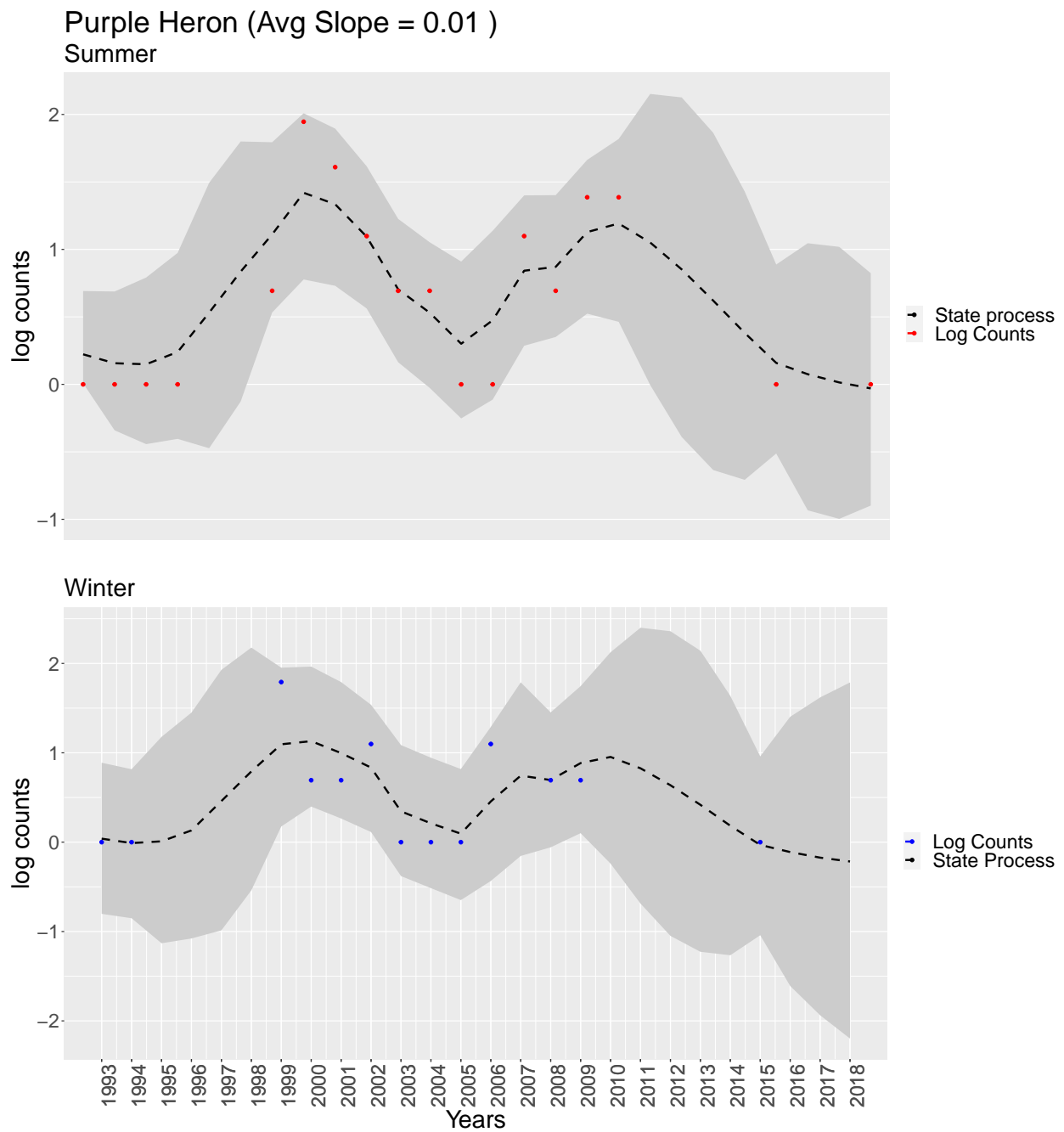


Winter

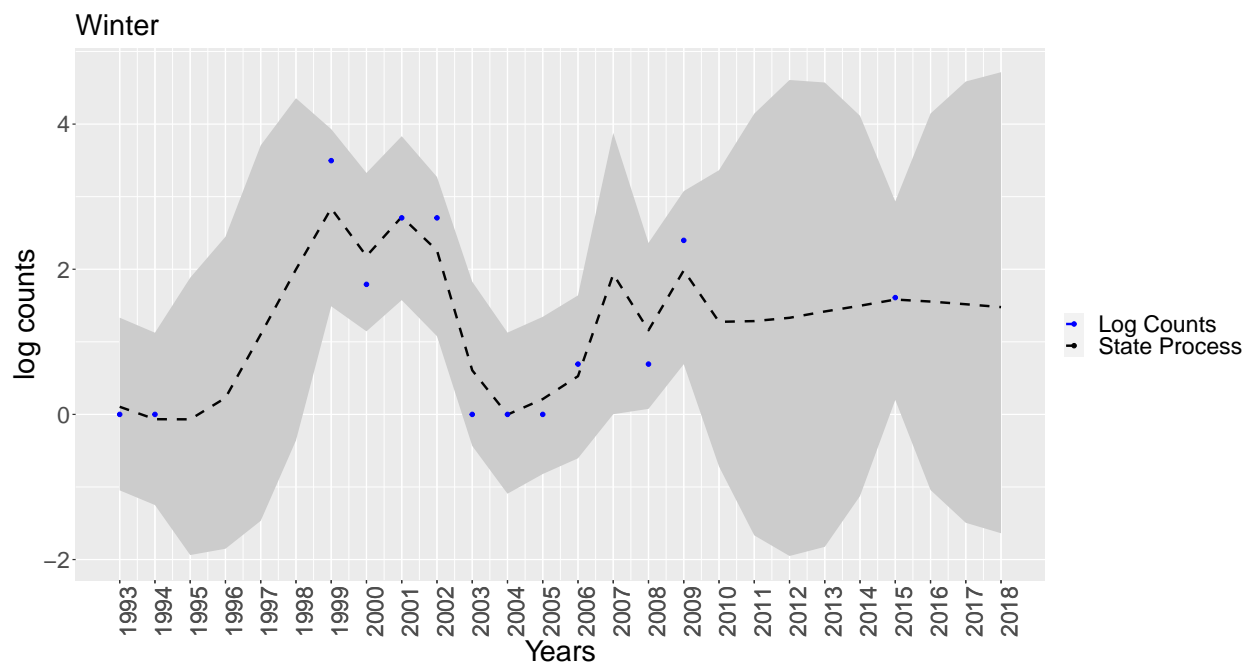
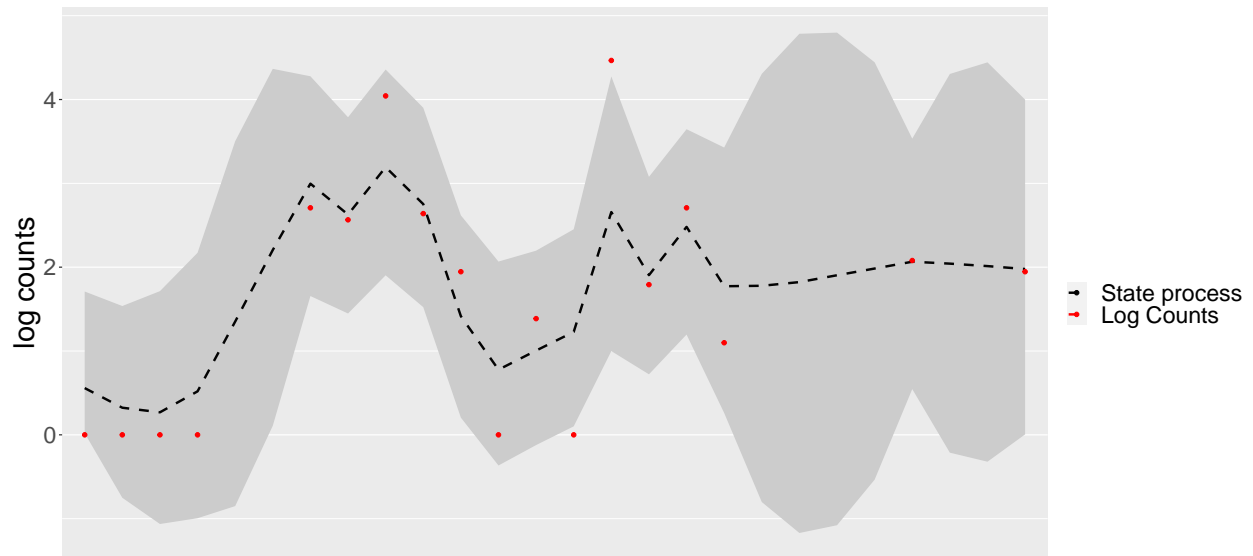


Curlew Sandpiper (Avg Slope = 0.12)
Summer

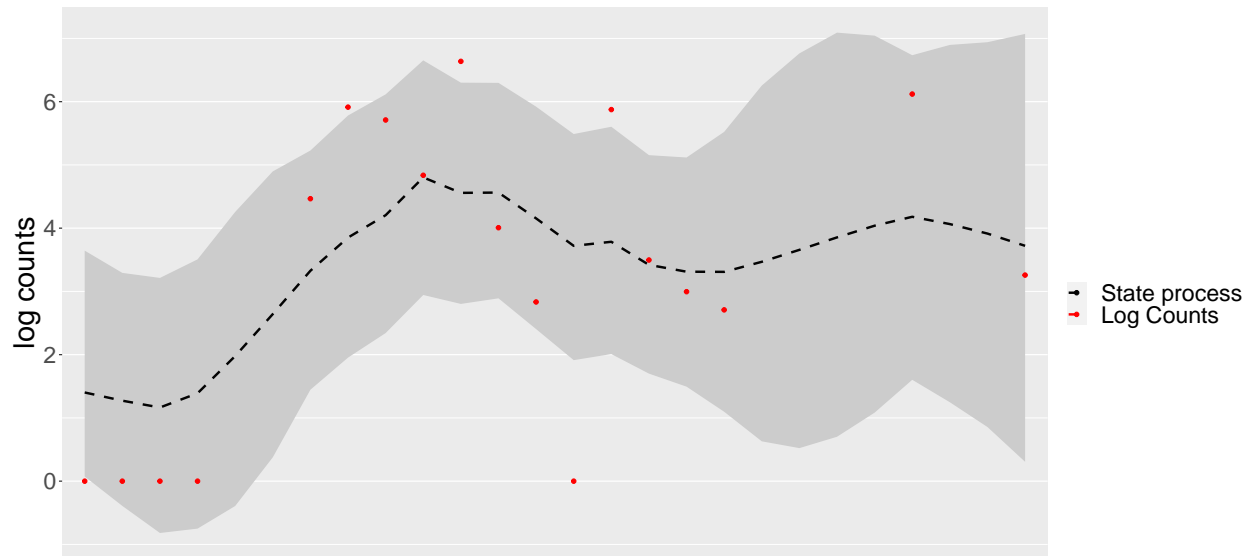




Squacco Heron (Avg Slope = 0.04) Summer



White-winged Tern (Avg Slope = 0.06)
Summer



Winter

