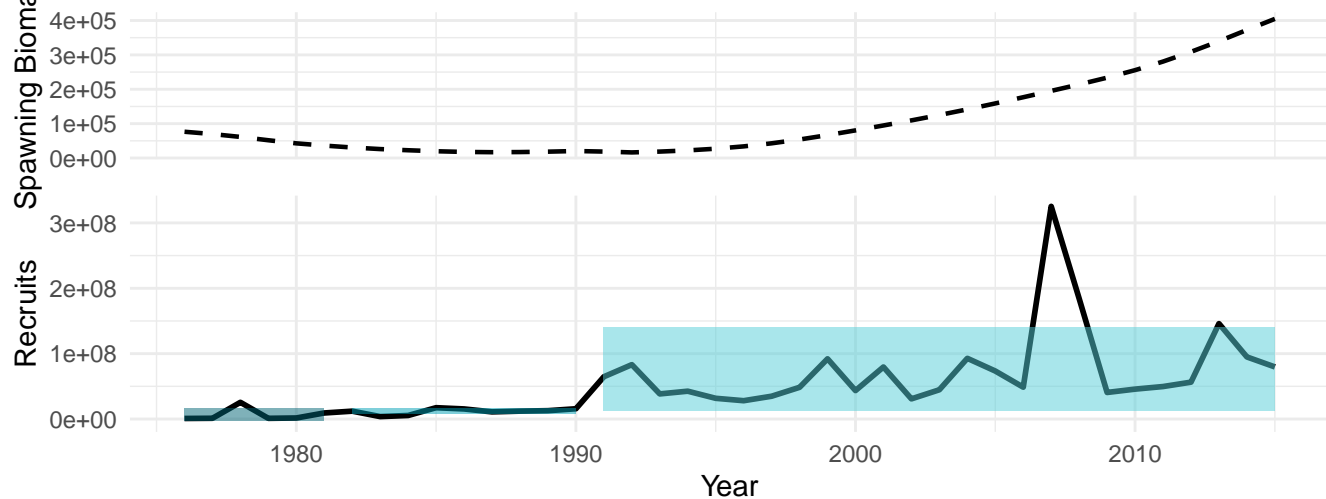
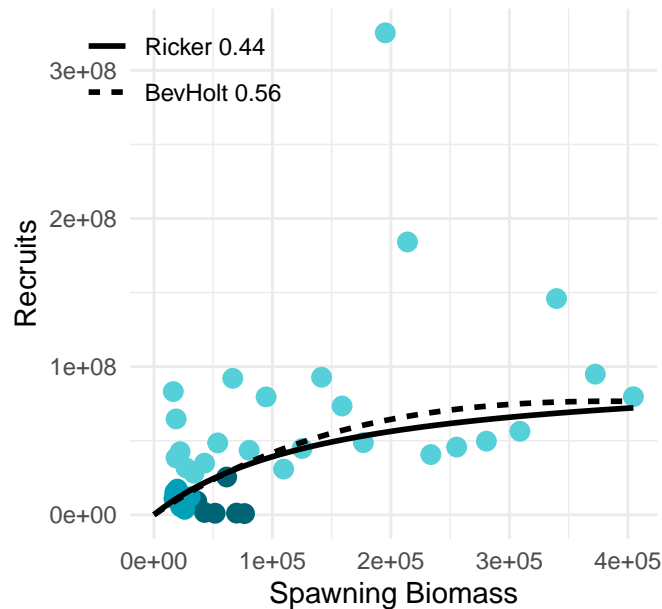


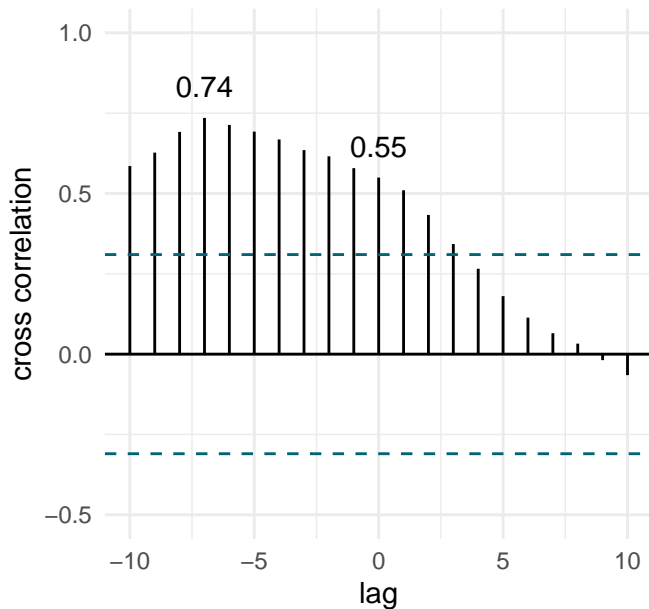
Acadian redfish
Sebastes fasciatus
Area ID: USA-NMFS-5YZ
(a)



(b)



(c)

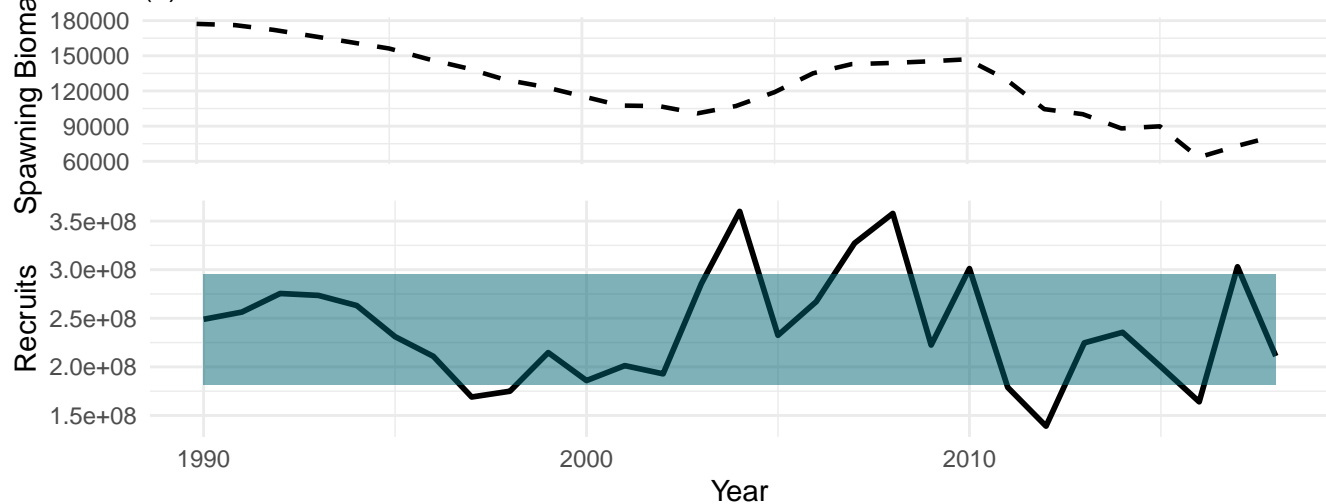


Argentine chub mackerel

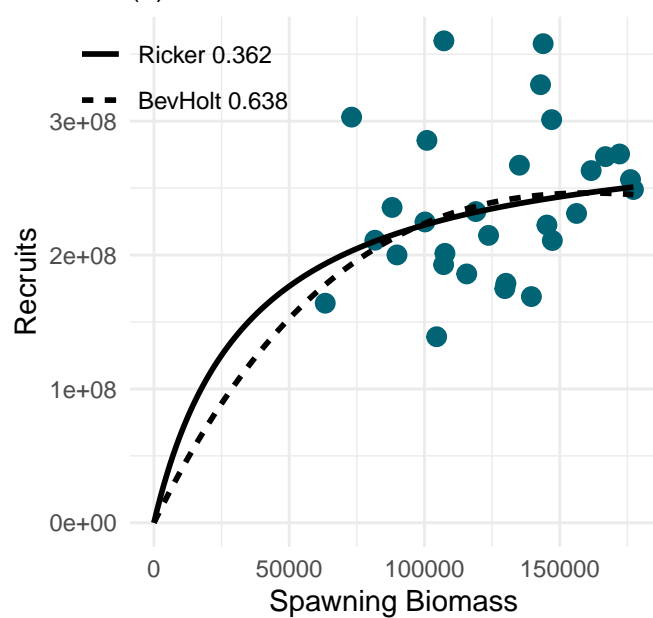
Scomber colias

Area ID: Argentina-CFP-ARG-S

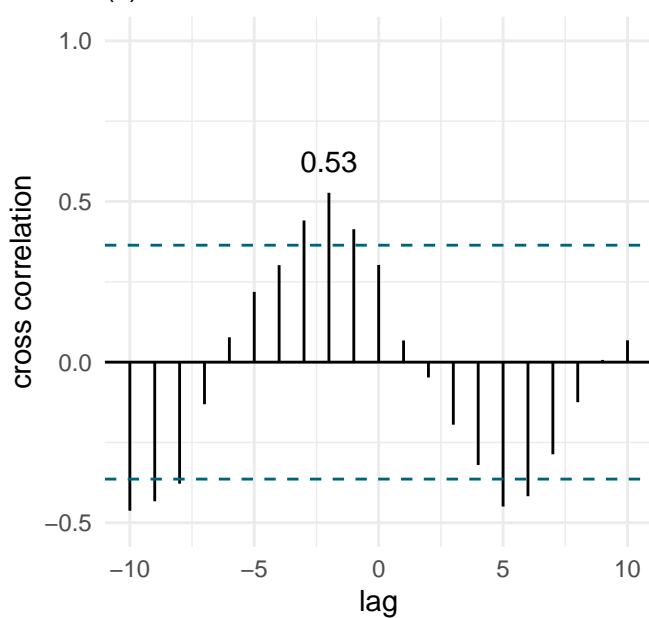
(a)



(b)



(c)

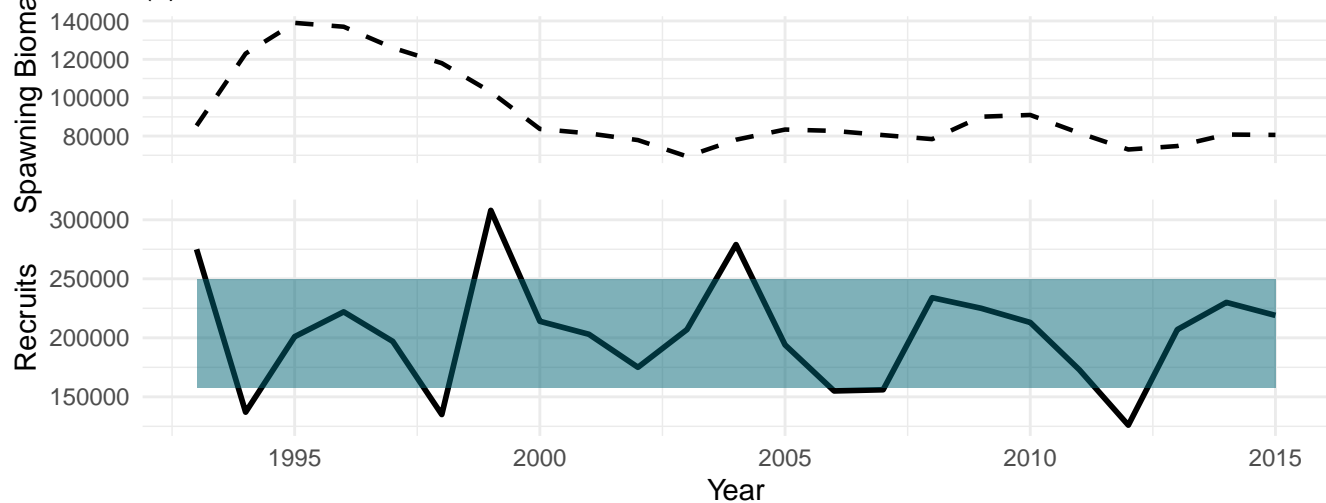


Albacore tuna

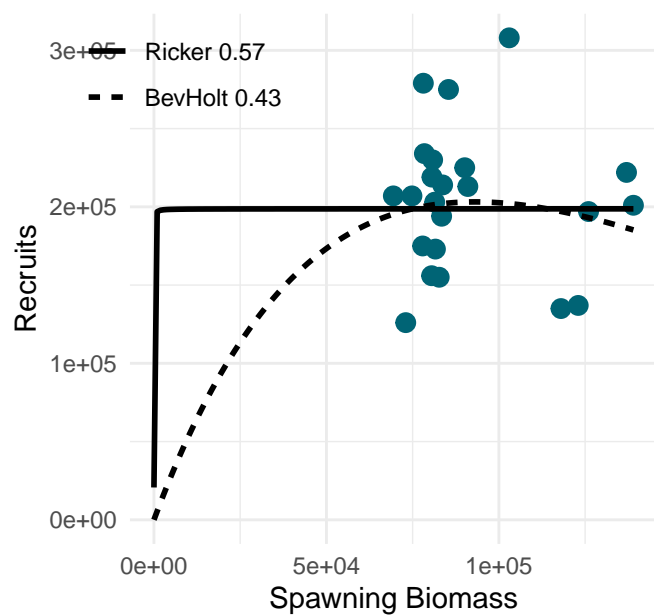
Thunnus alalunga

Area ID: multinational-ISC-NPAC

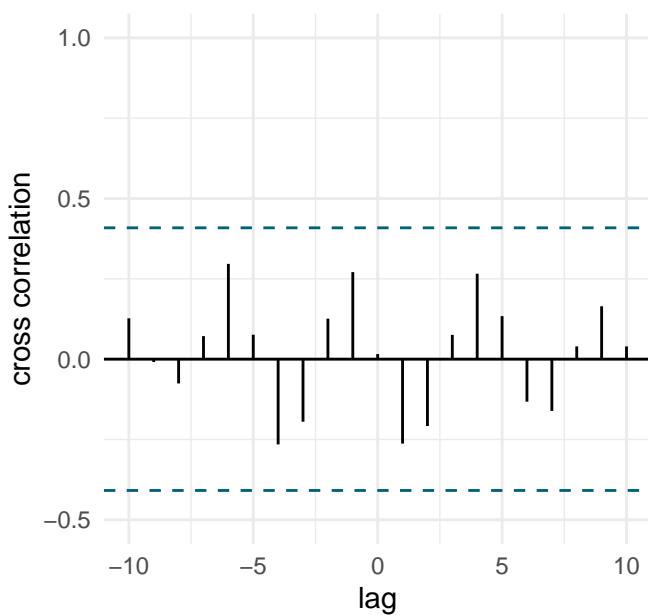
(a)



(b)



(c)

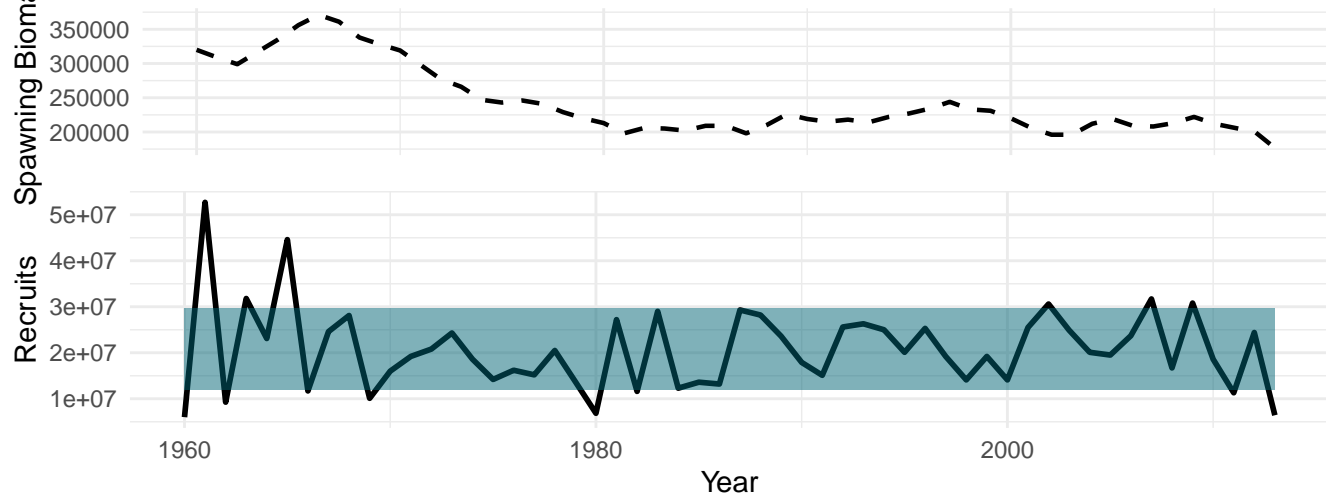


Albacore tuna

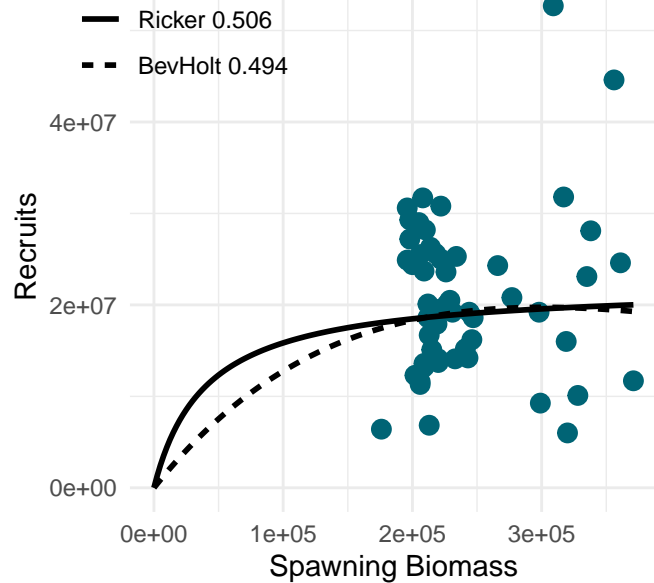
Thunnus alalunga

Area ID: multinational-WCPFC-SPAC

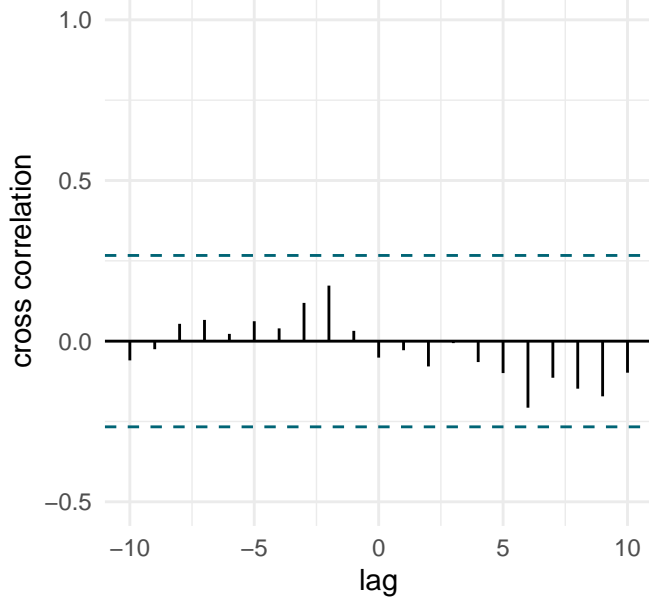
(a)



(b)



(c)

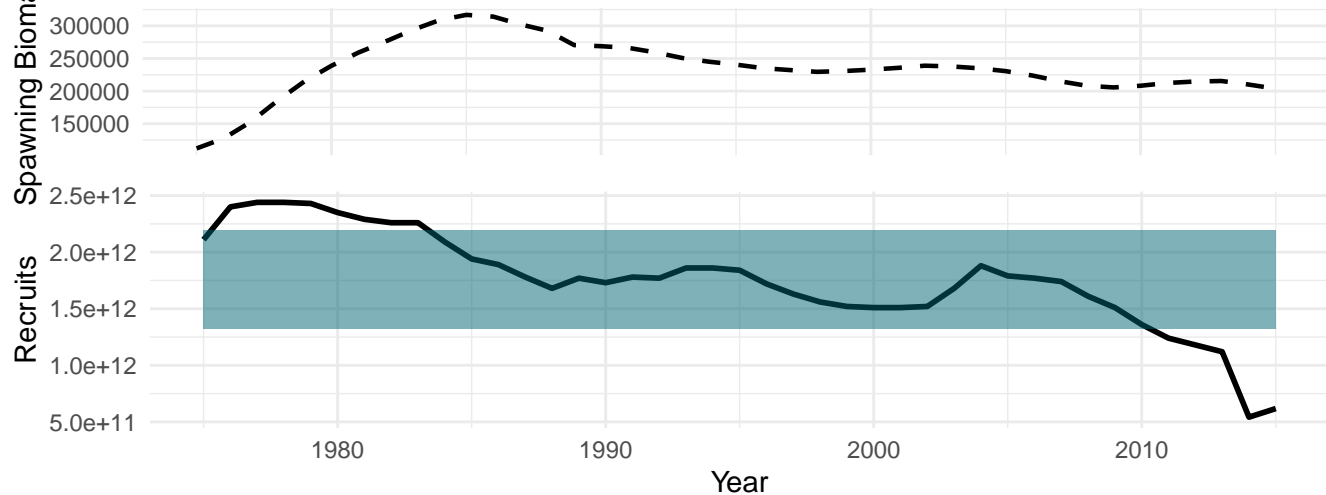


Alaska plaice

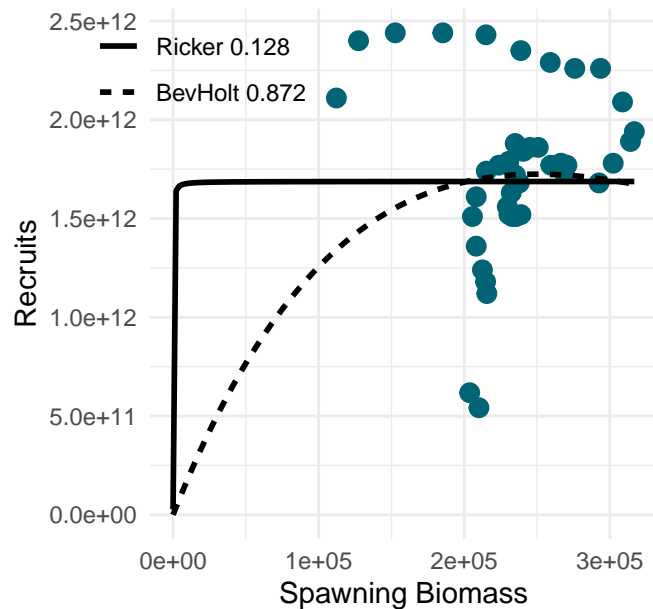
Pleuronectes quadrituberculatus

Area ID: USA-NMFS-BSAI

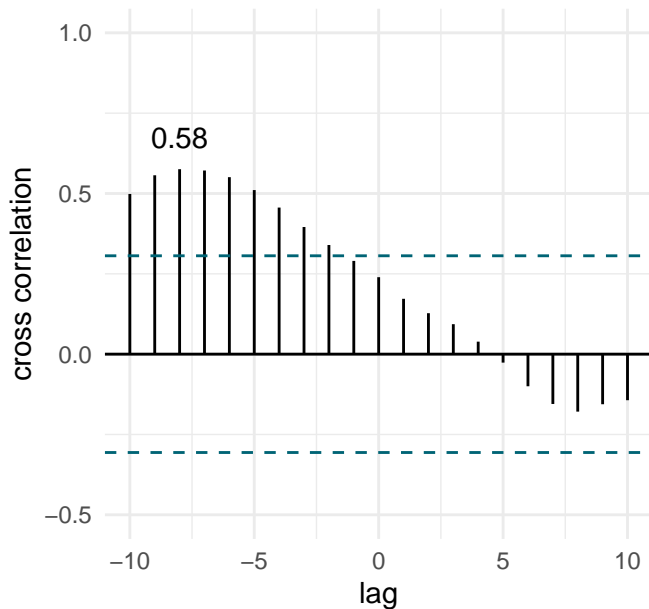
(a)



(b)



(c)

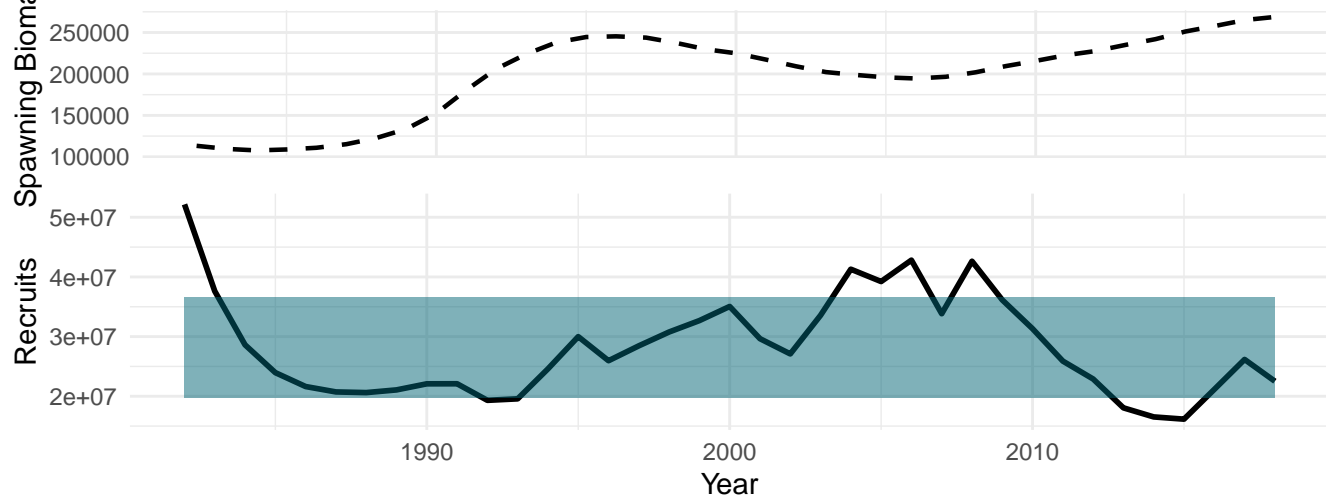


Alaska skate

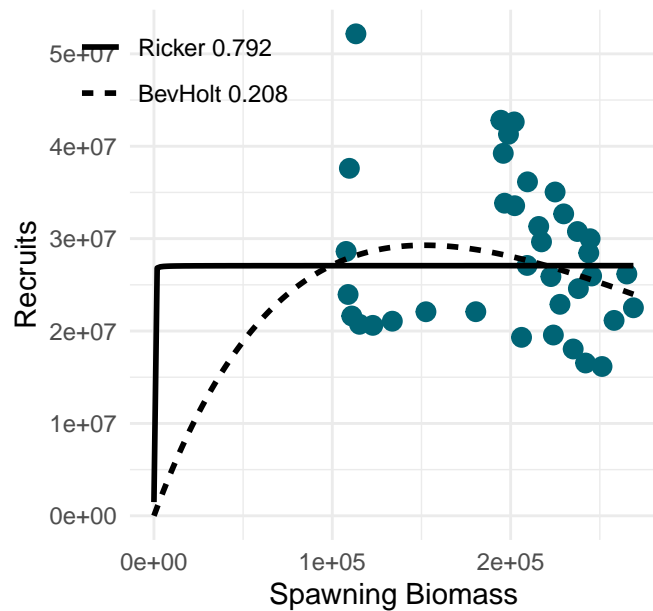
Bathyraja parmifera

Area ID: USA-NMFS-BSAI

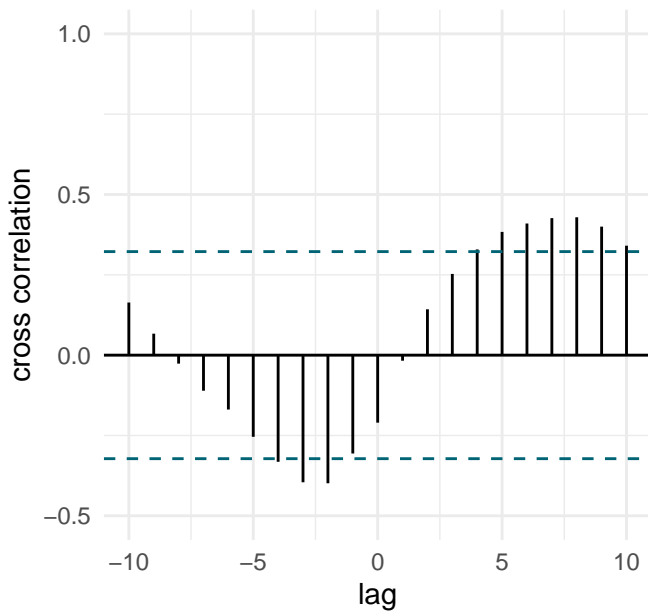
(a)



(b)



(c)

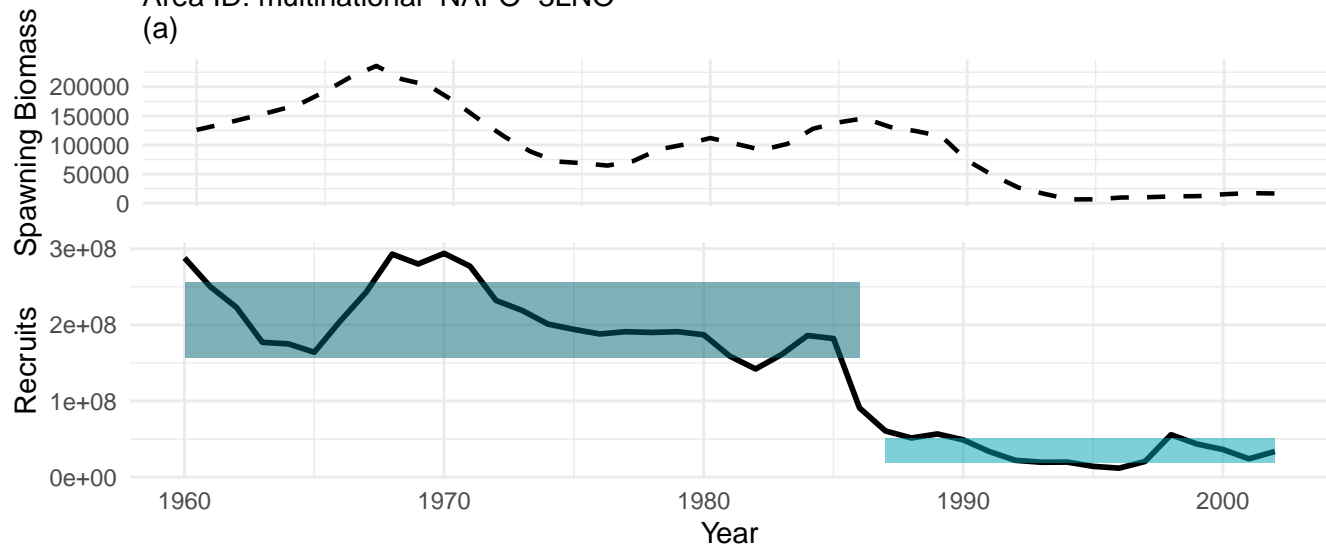


American plaice

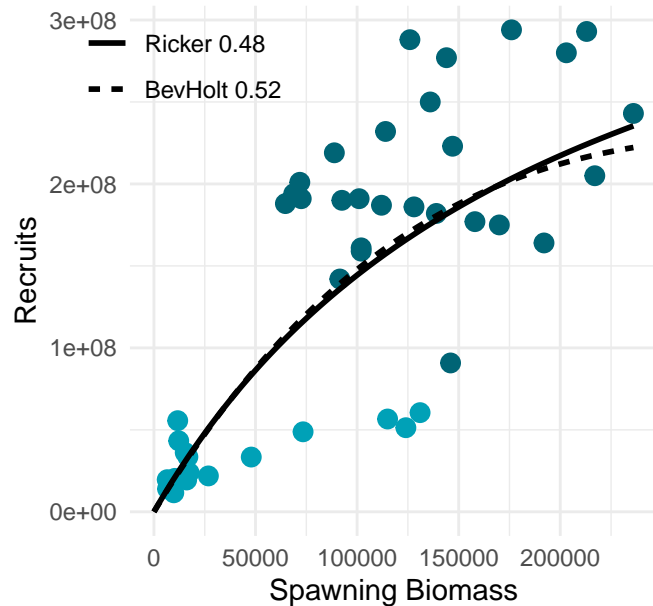
Hippoglossoides platessoides

Area ID: multinational-NAFO-3LNO

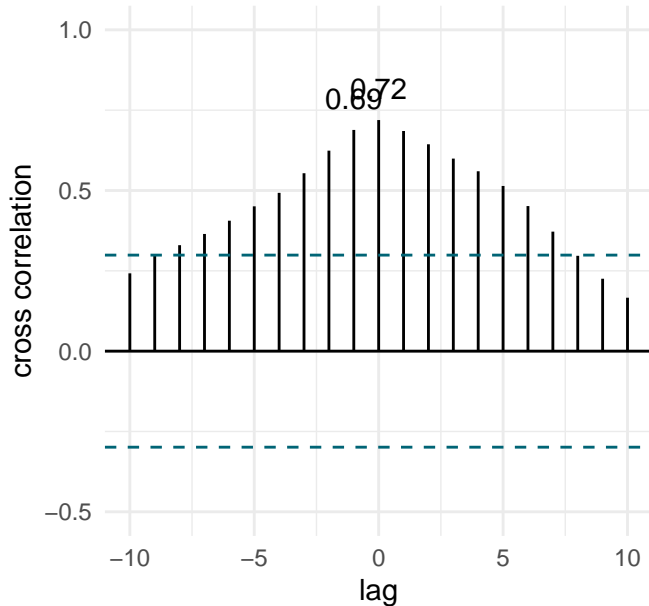
(a)



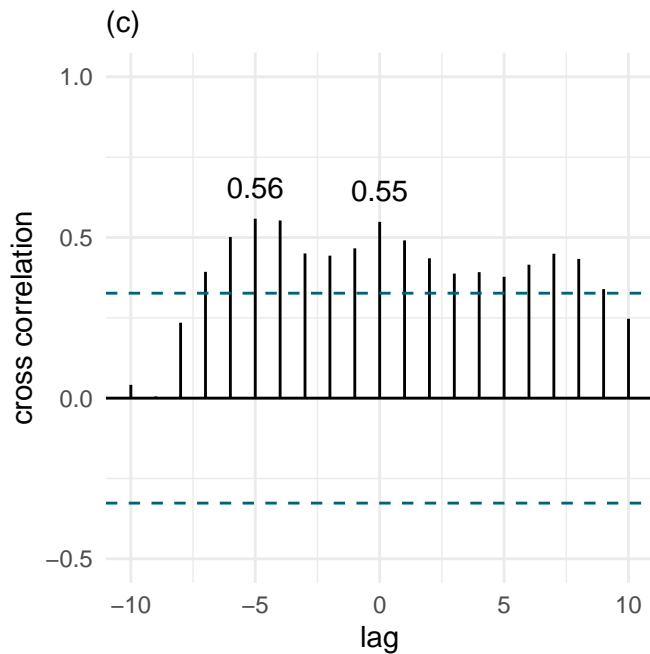
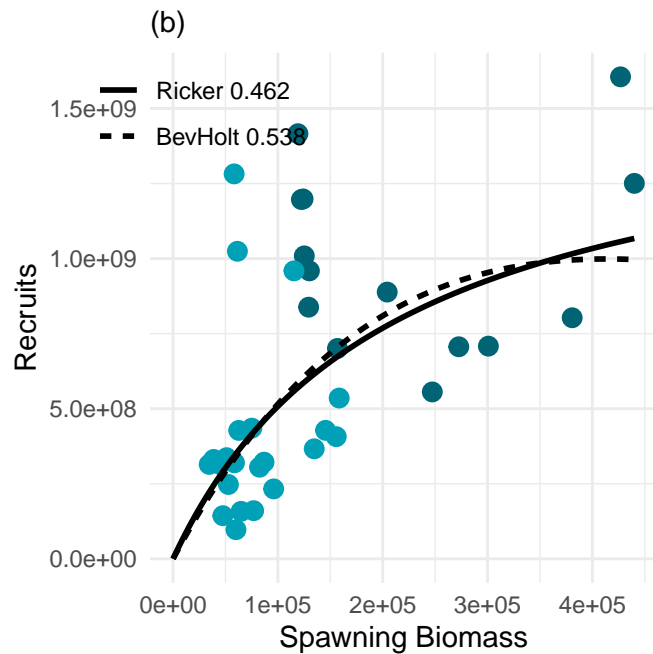
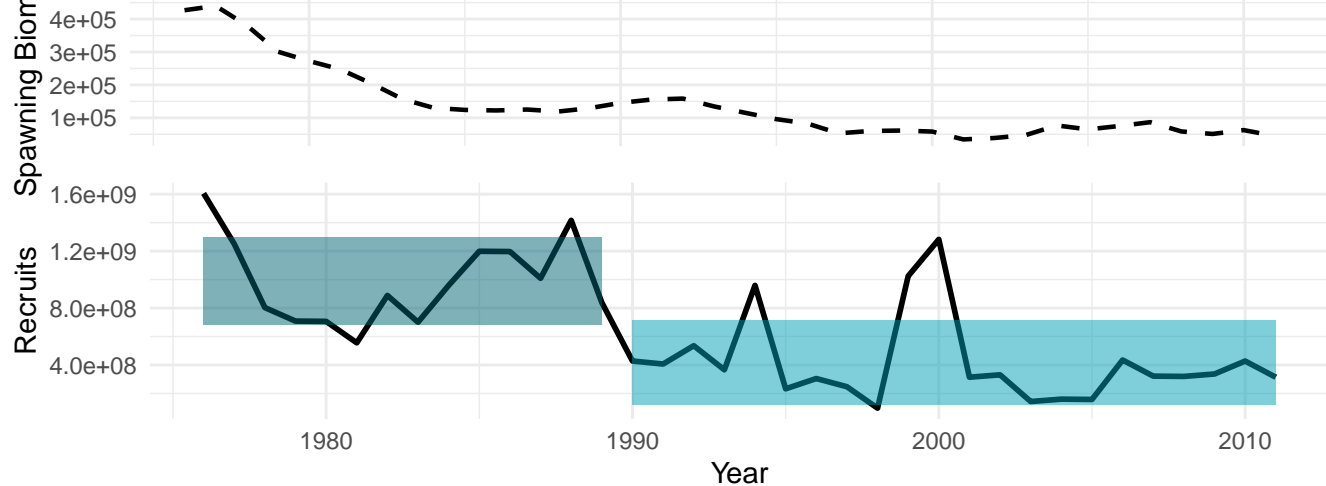
(b)



(c)



American plaice
Hippoglossoides platessoides
Area ID: Canada-DFO-4T
(a)

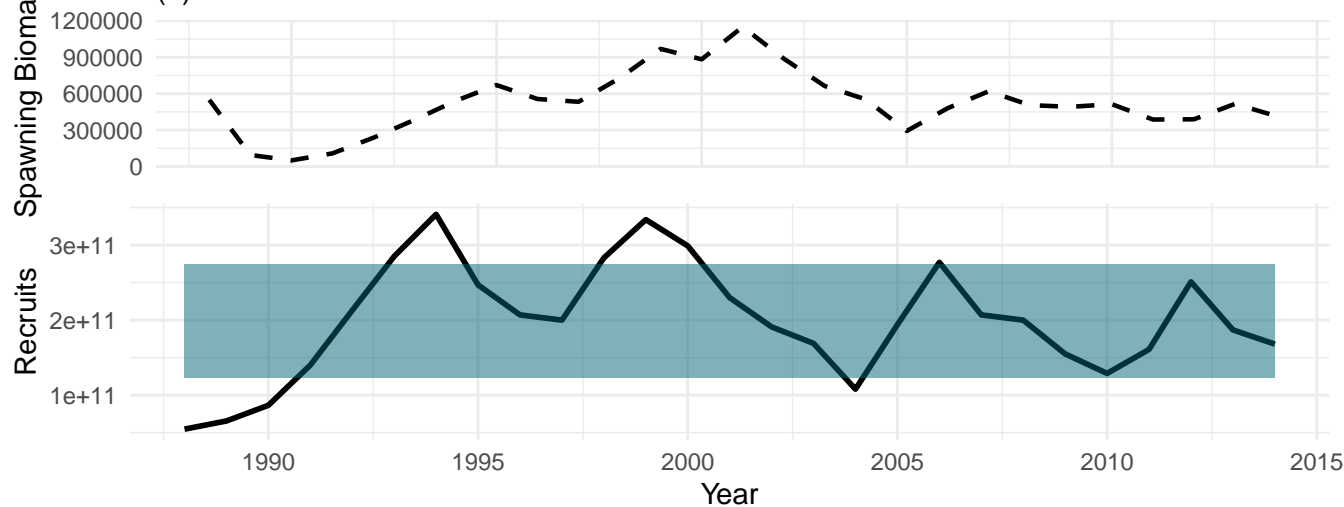


Anchovy

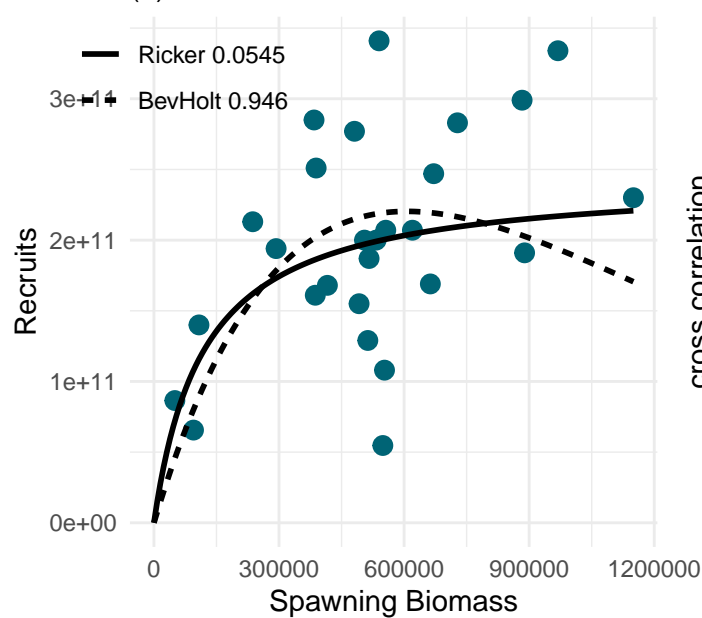
Engraulis encrasicolus

Area ID: multinational-GFCM-GSA29

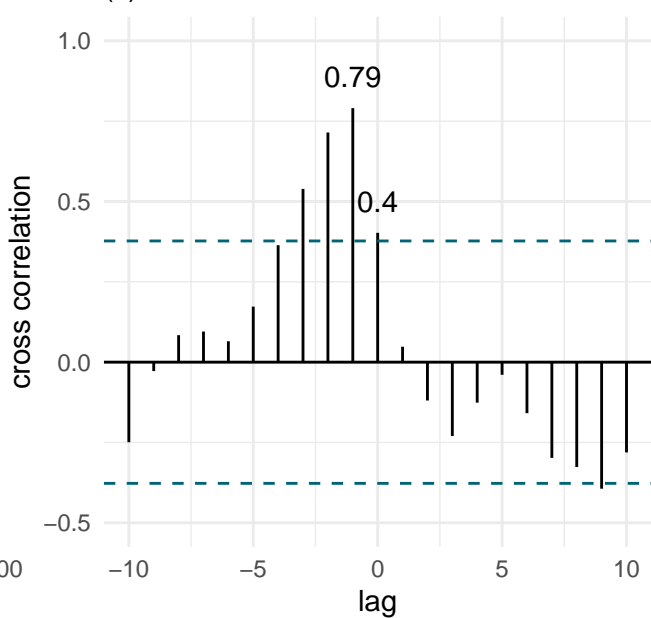
(a)



(b)



(c)

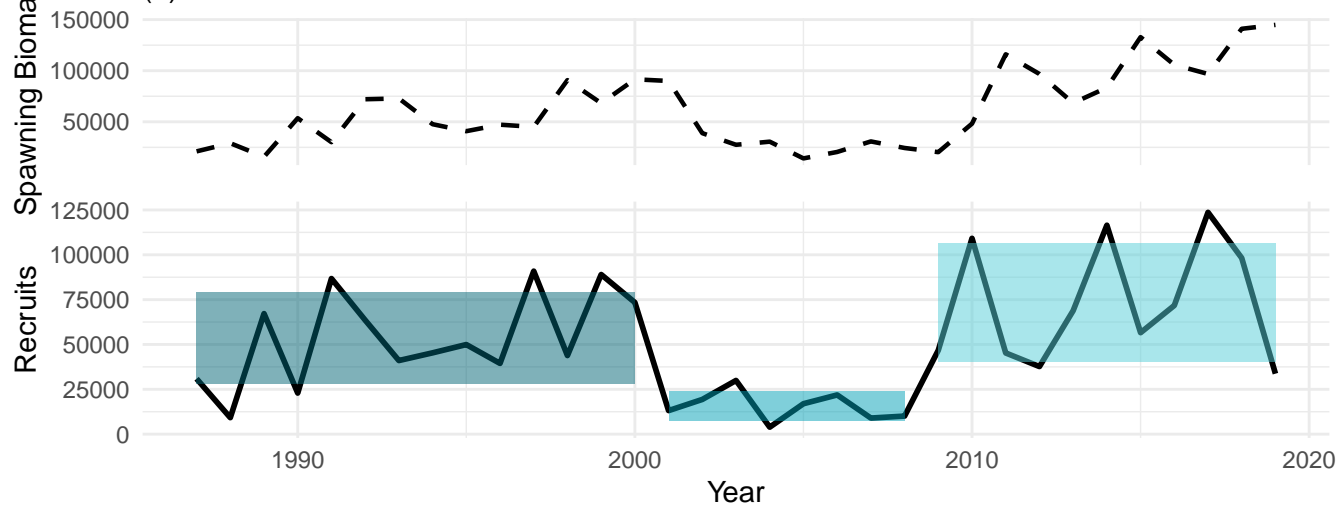


Anchovy

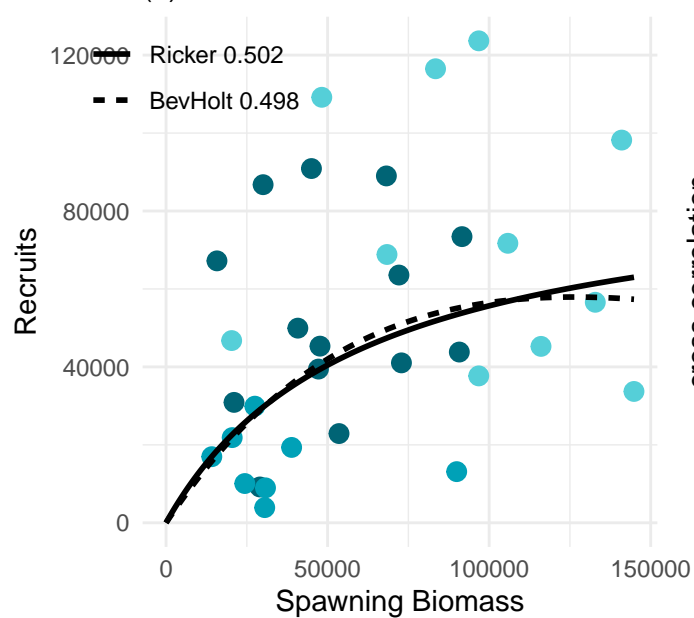
Engraulis encrasicolus

Area ID: multinational-ICES-VIII

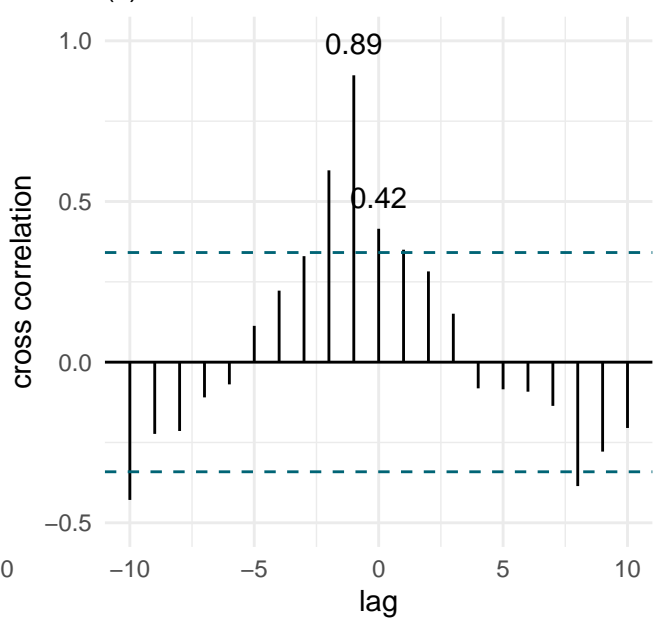
(a)



(b)



(c)

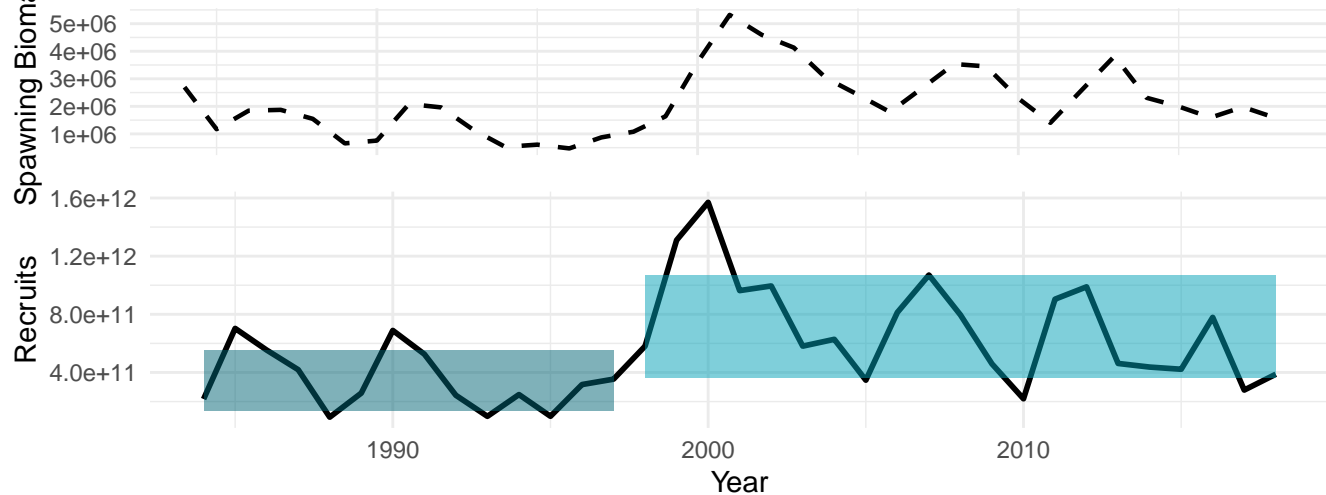


Anchovy

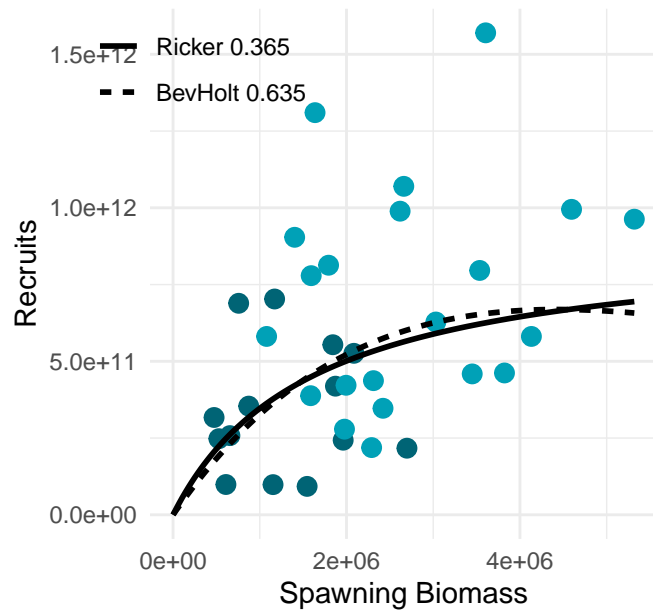
Engraulis encrasicolus

Area ID: South Africa-DETMCM-SA

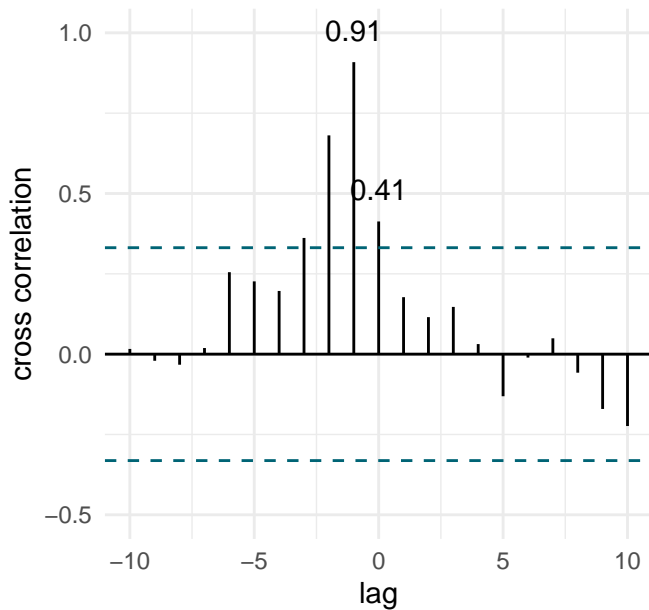
(a)



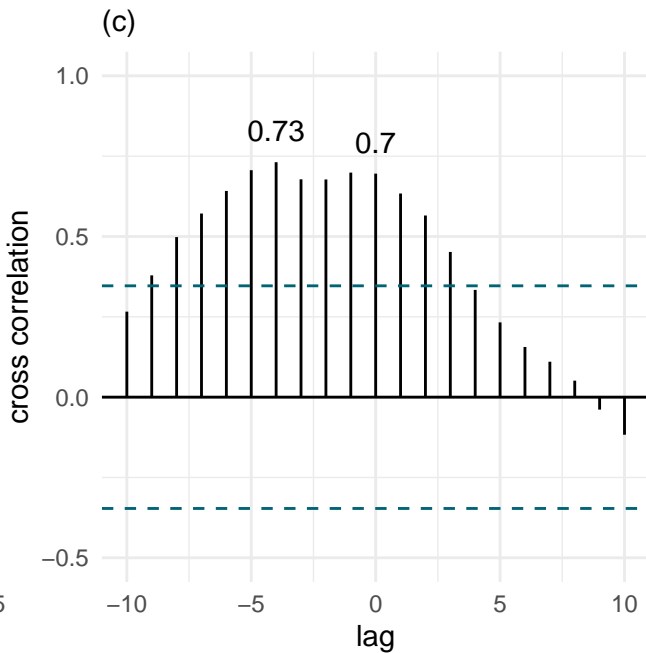
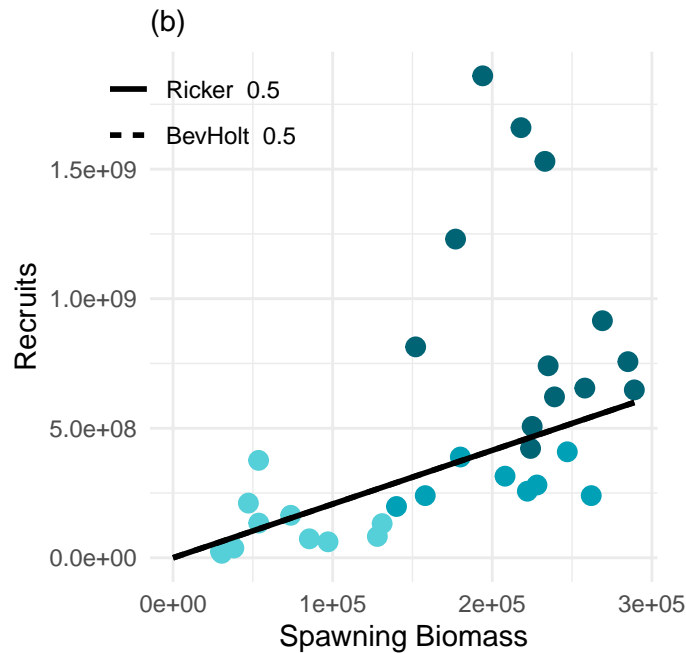
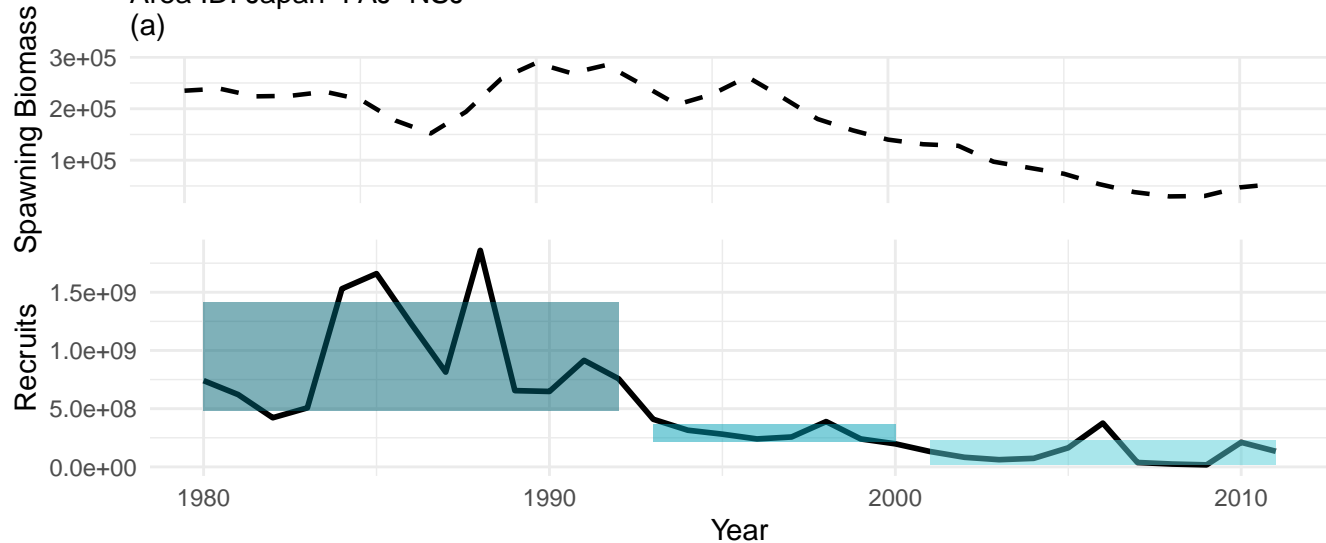
(b)



(c)



Walleye pollock
Theragra chalcogramma
Area ID: Japan-FAJ-NSJ
(a)

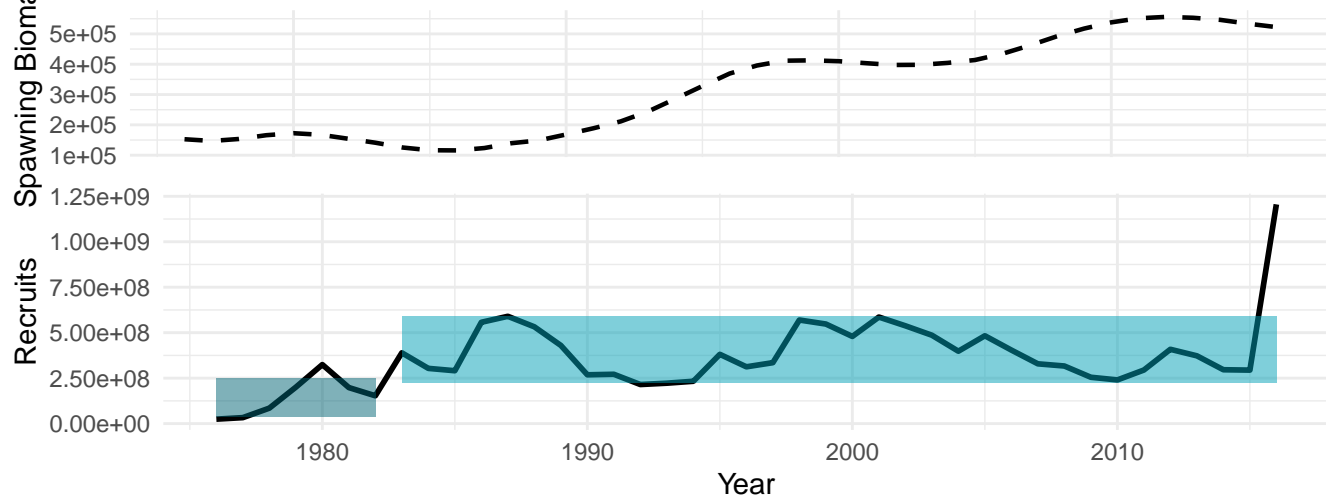


Arrowtooth flounder

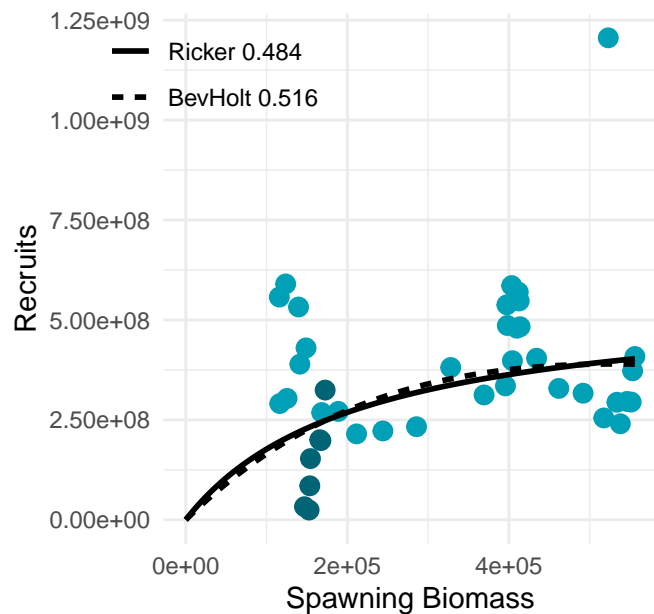
Atheresthes stomias

Area ID: USA-NMFS-BSAI

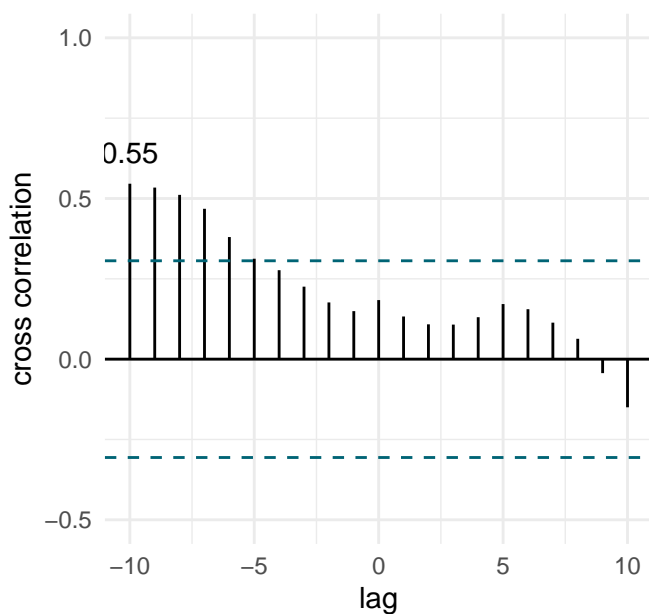
(a)



(b)



(c)

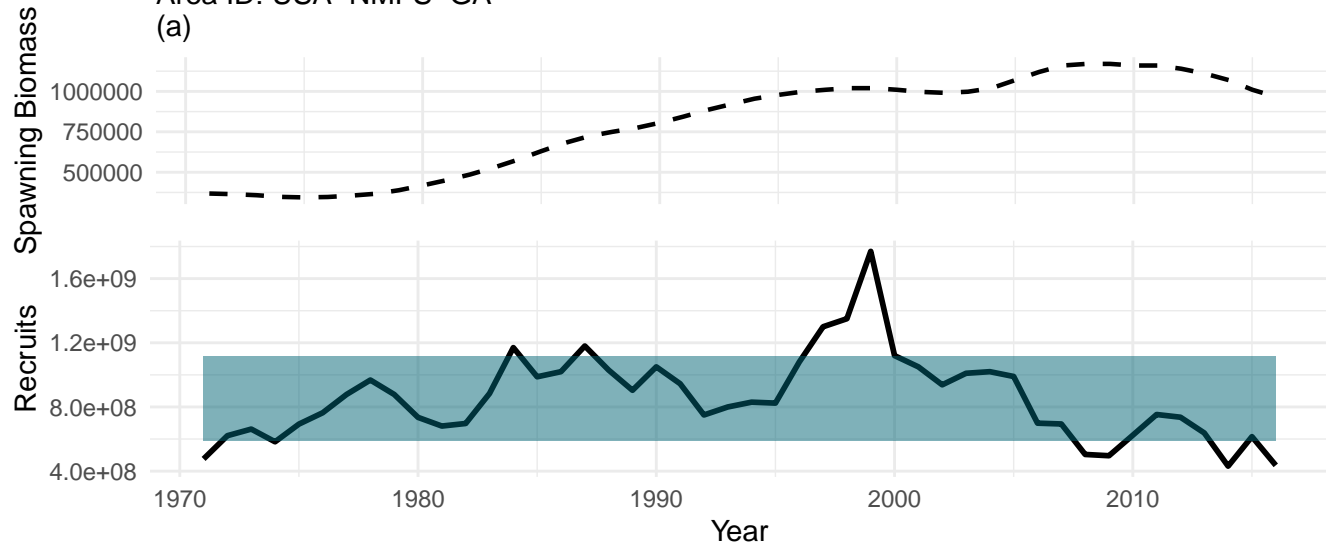


Arrowtooth flounder

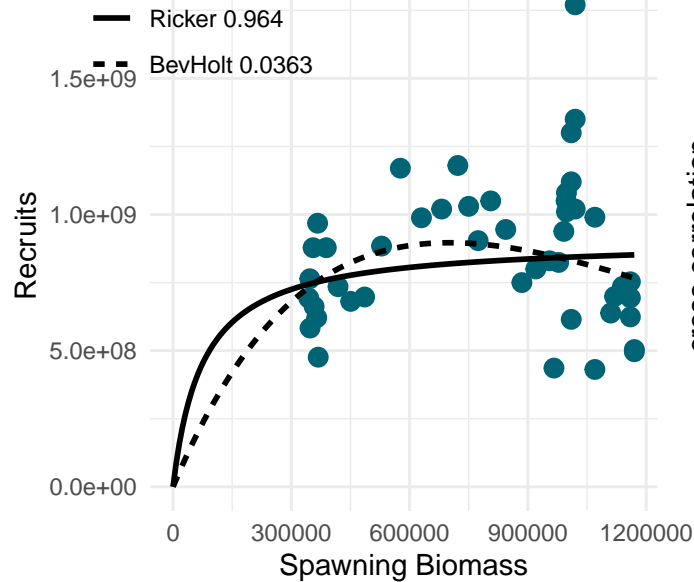
Atheresthes stomias

Area ID: USA-NMFS-GA

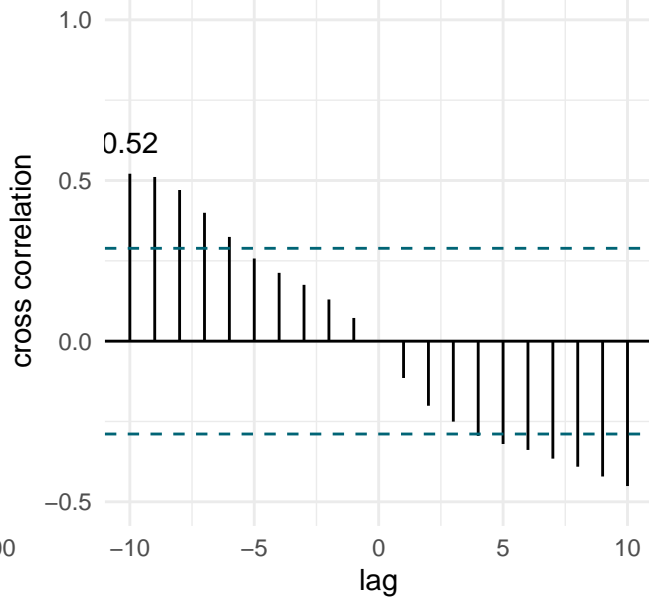
(a)



(b)



(c)

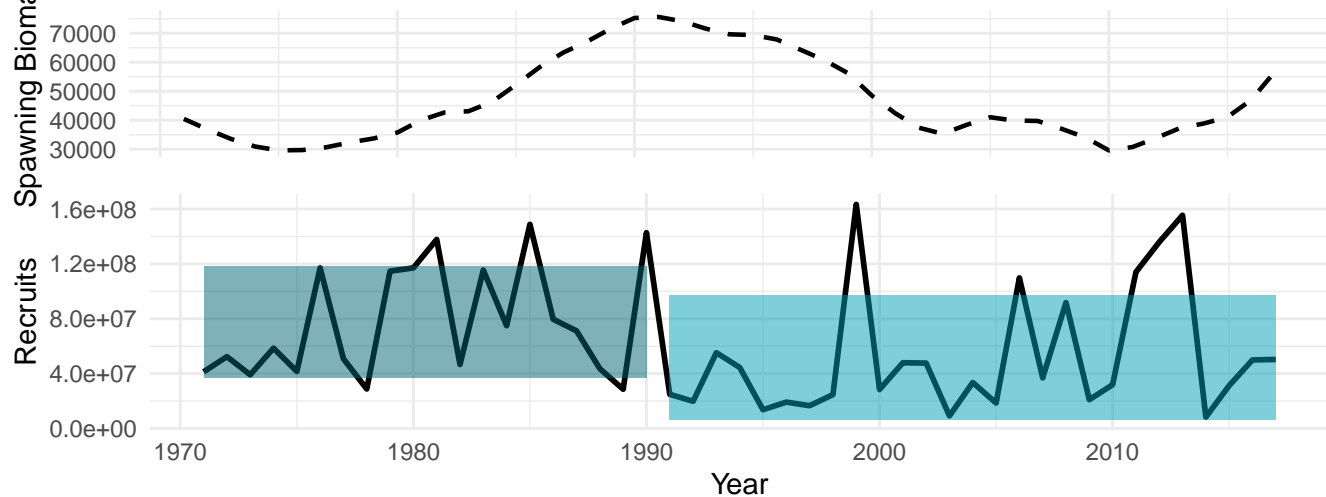


Arrowtooth flounder

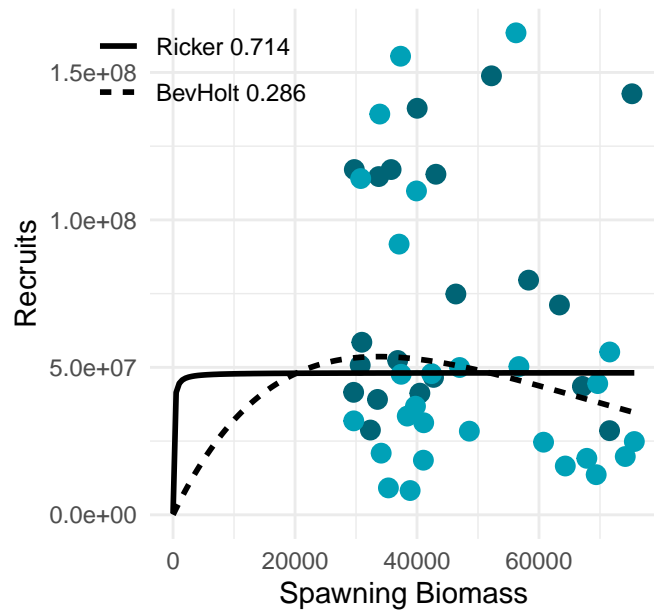
Atheresthes stomias

Area ID: USA-NMFS-PCOAST

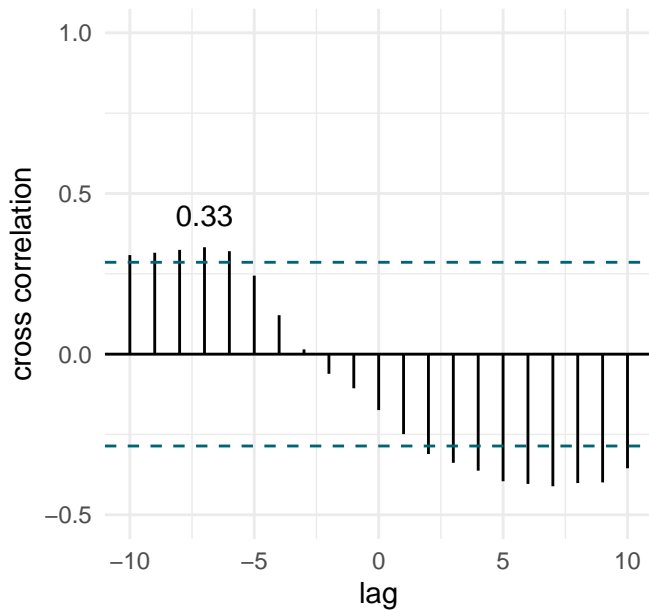
(a)



(b)



(c)

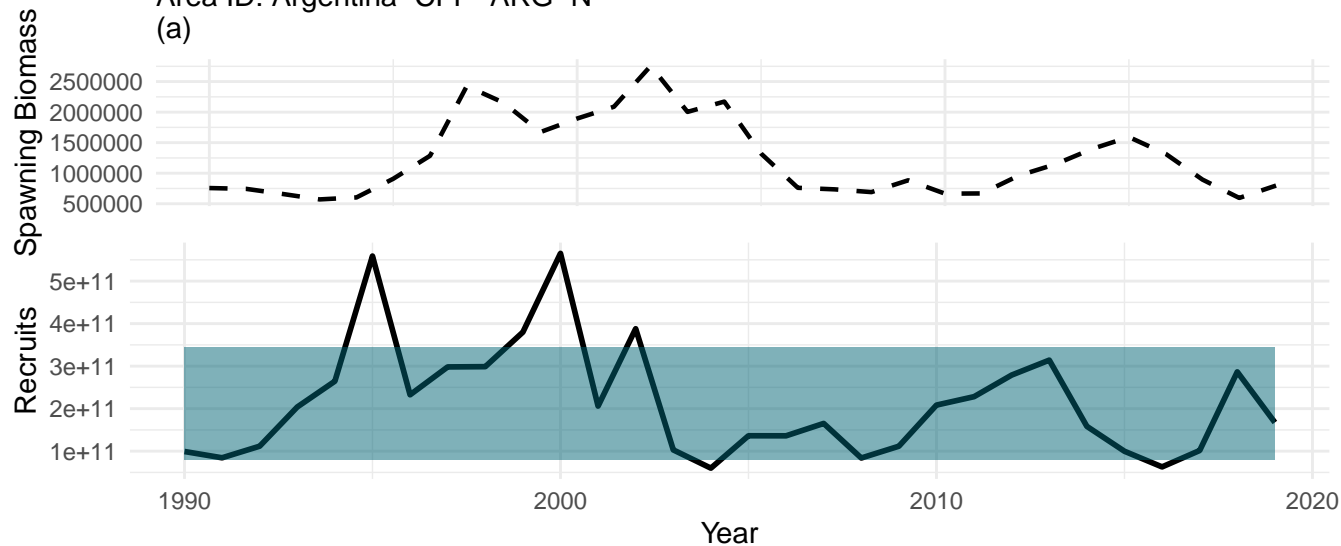


Argentine anchovy

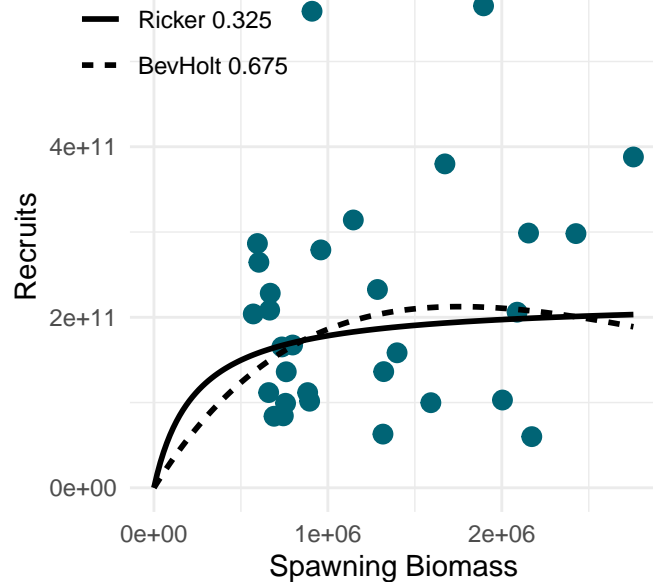
Engraulis anchoita

Area ID: Argentina-CFP-ARG-N

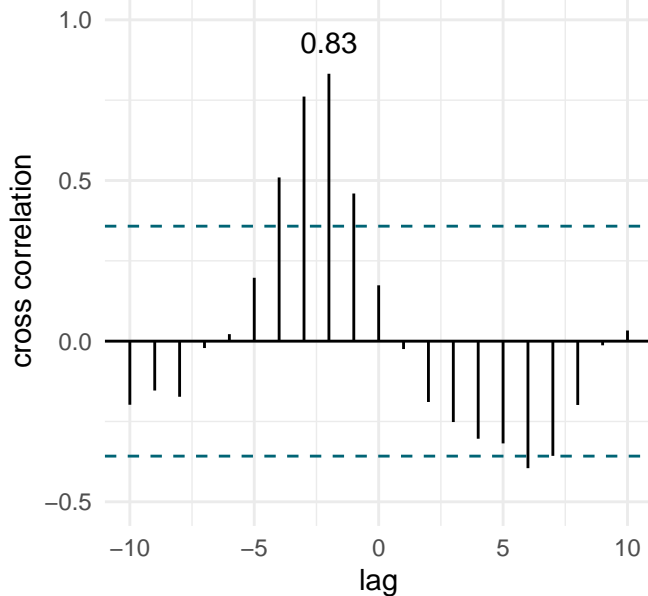
(a)



(b)



(c)

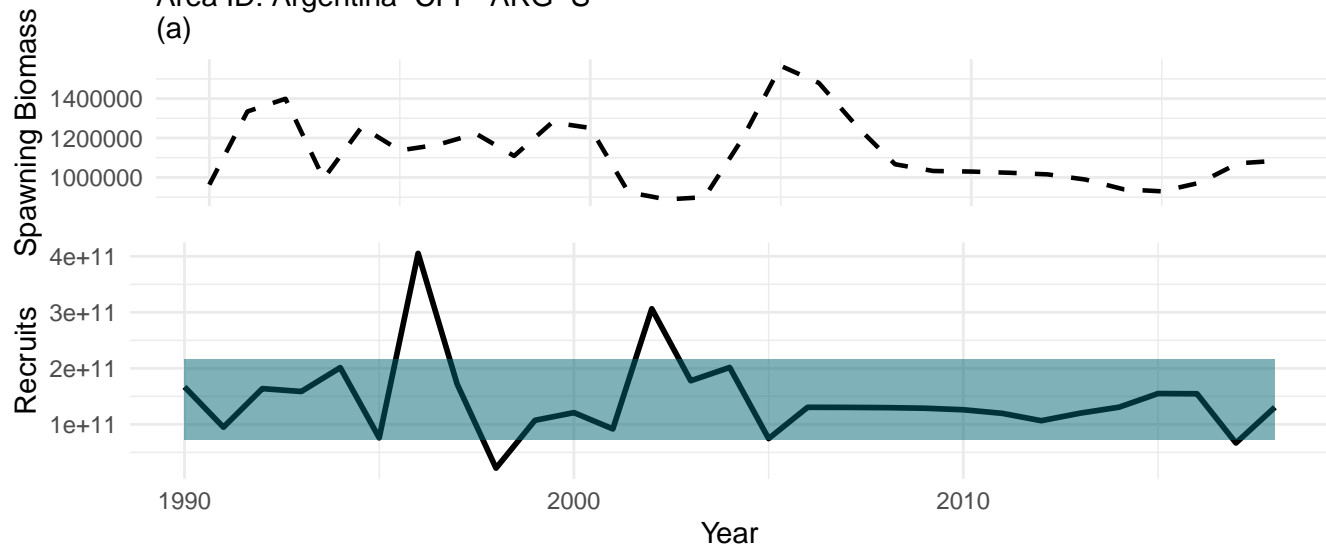


Argentine anchoita

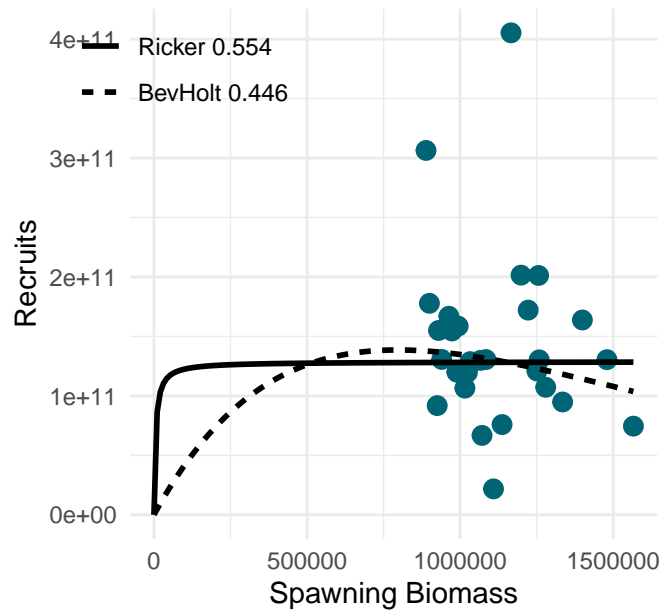
Engraulis anchoita

Area ID: Argentina-CFP-ARG-S

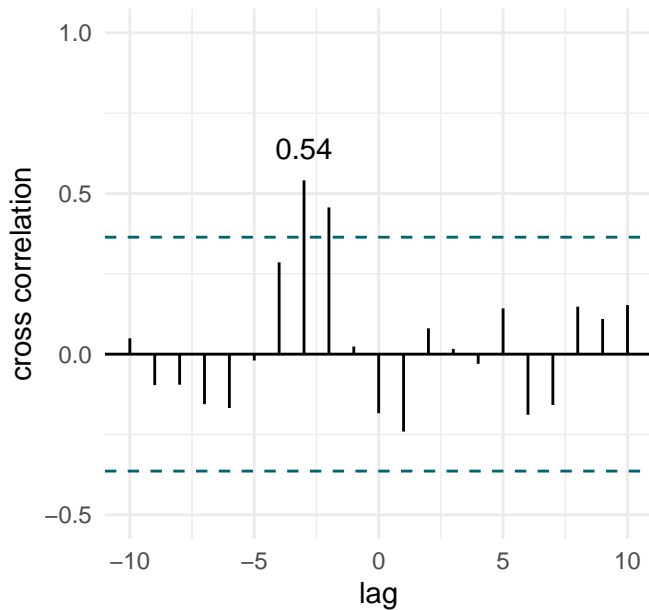
(a)



(b)



(c)

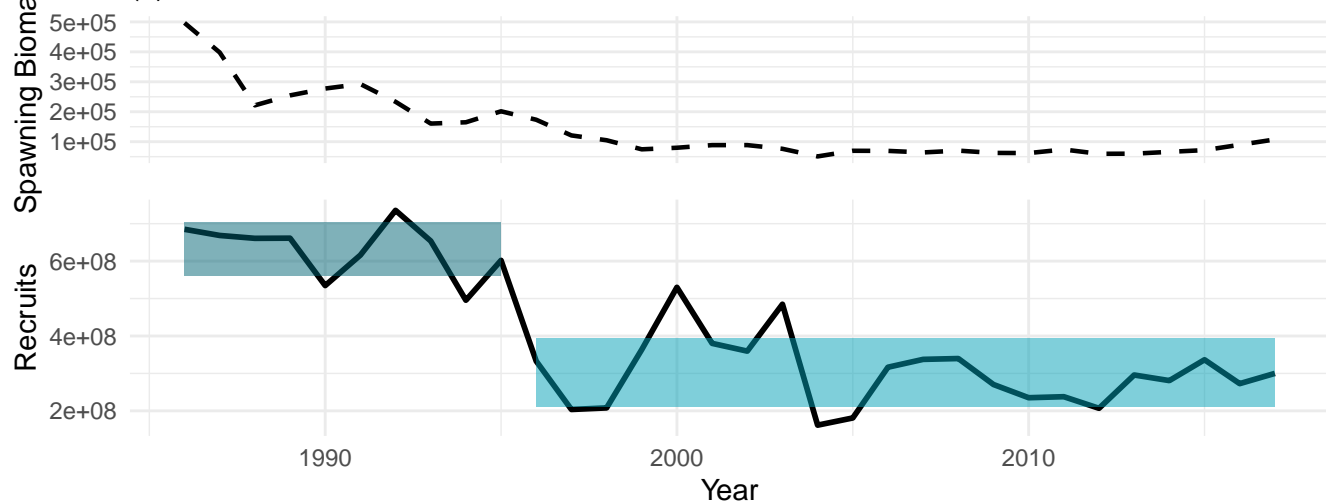


Argentine hake

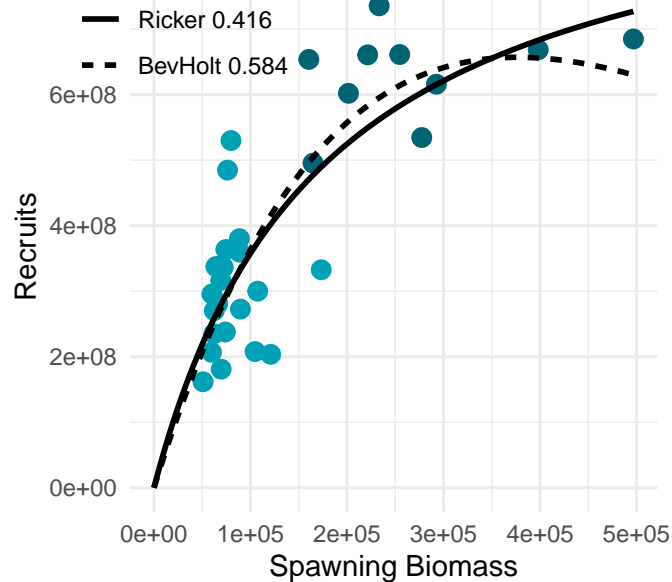
Merluccius hubbsi

Area ID: Argentina-CFP-ARG-N

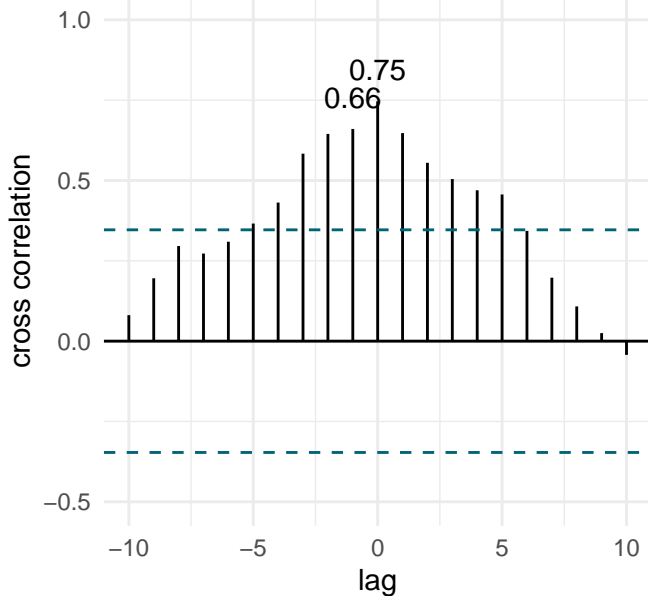
(a)



(b)



(c)

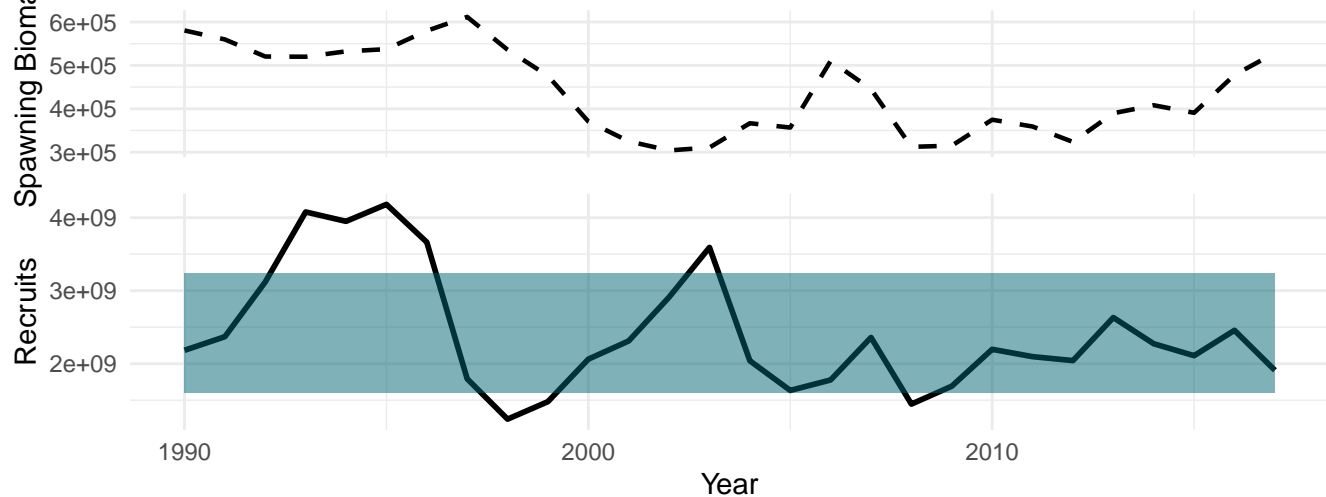


Argentine hake

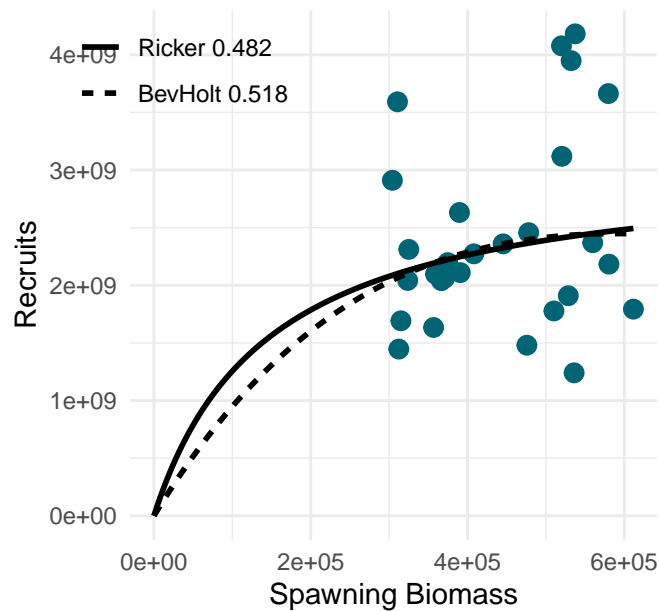
Merluccius hubbsi

Area ID: Argentina-CFP-ARG-S

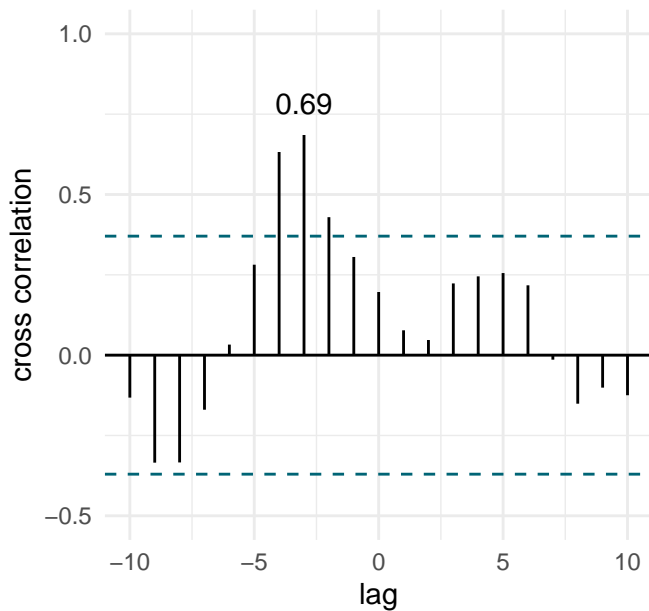
(a)



(b)



(c)

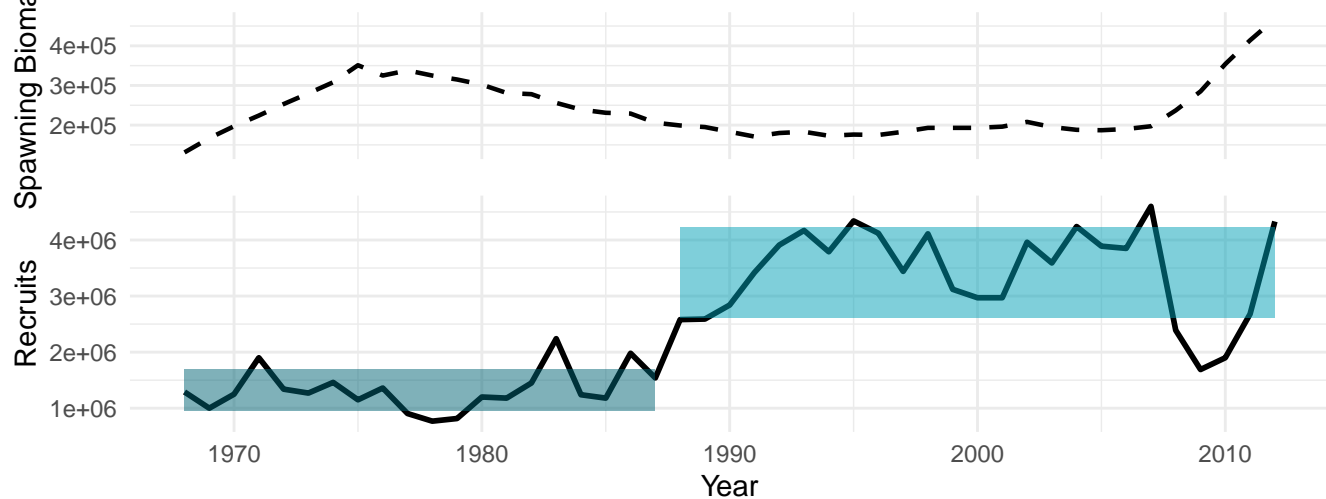


Atlantic bluefin tuna

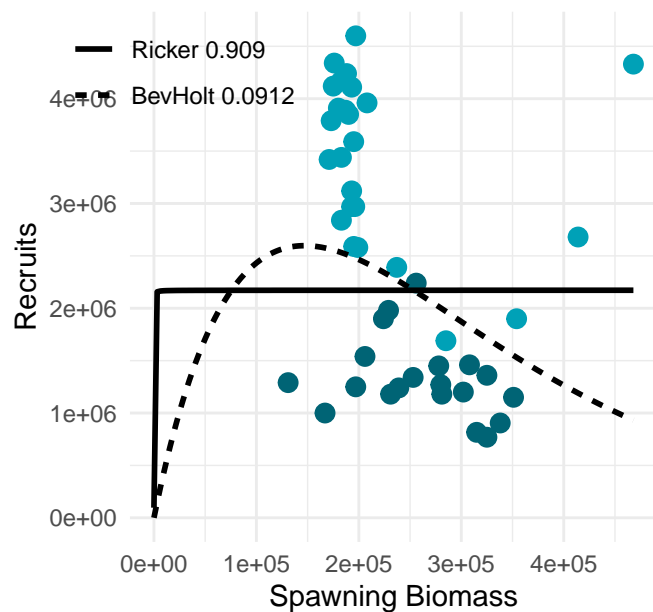
Thunnus thynnus

Area ID: multinational-ICCAT-EATL

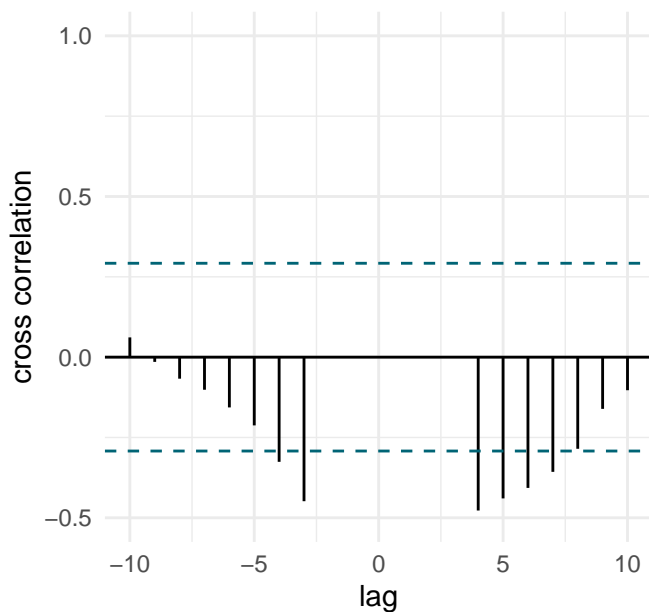
(a)



(b)



(c)

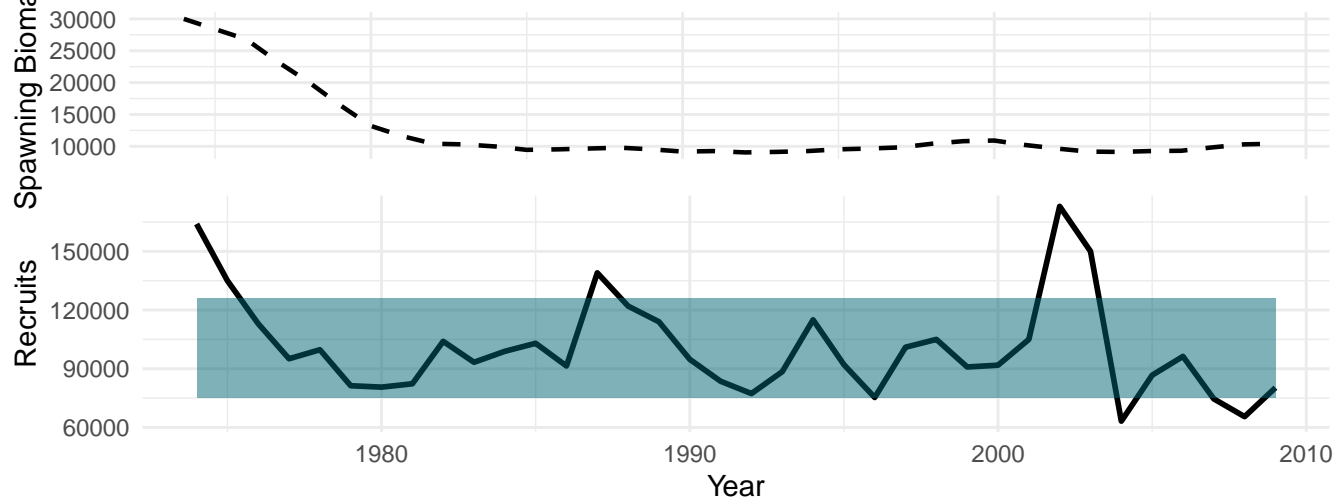


Atlantic bluefin tuna

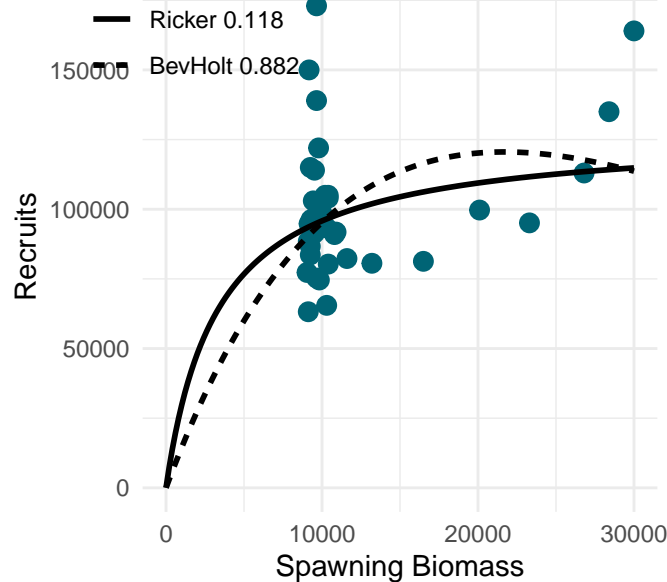
Thunnus thynnus

Area ID: multinational-ICCAT-WATL

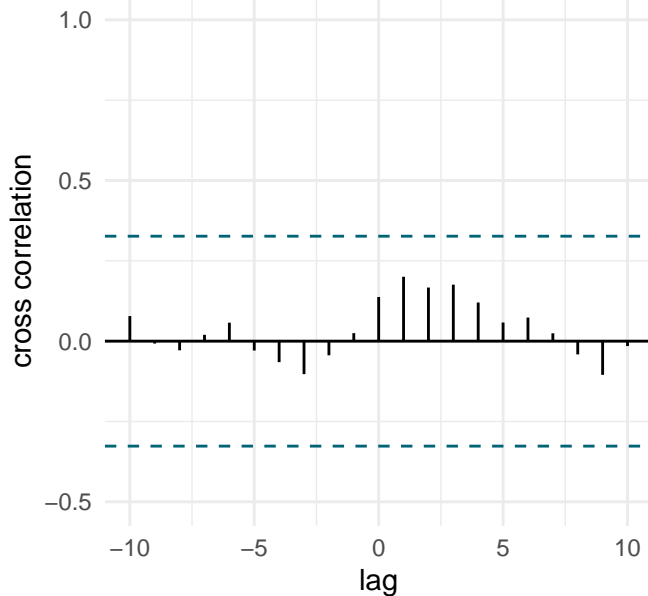
(a)



(b)



(c)

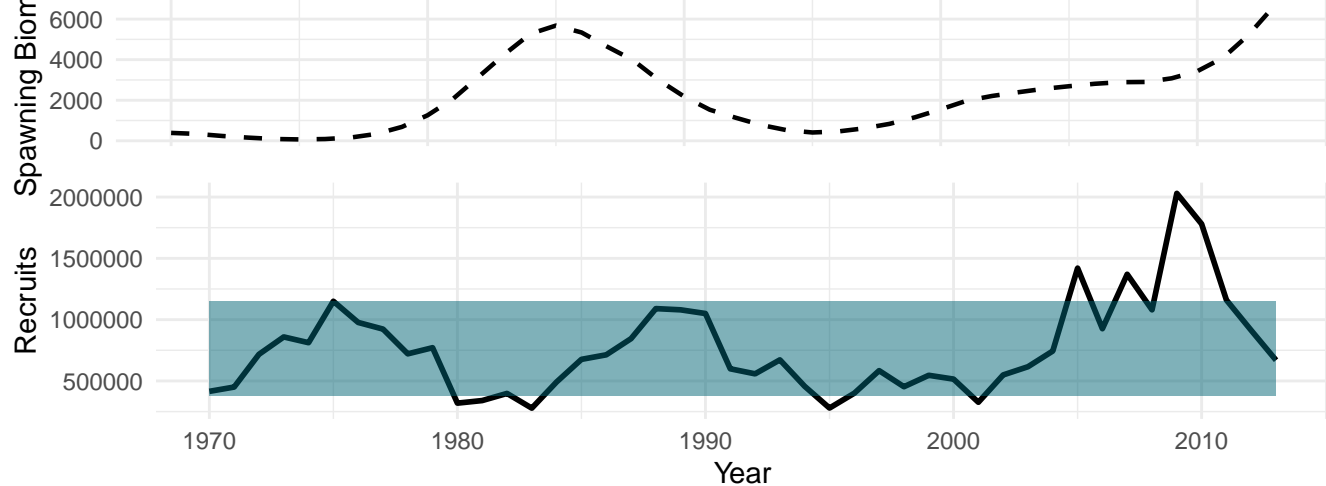


Atlantic halibut

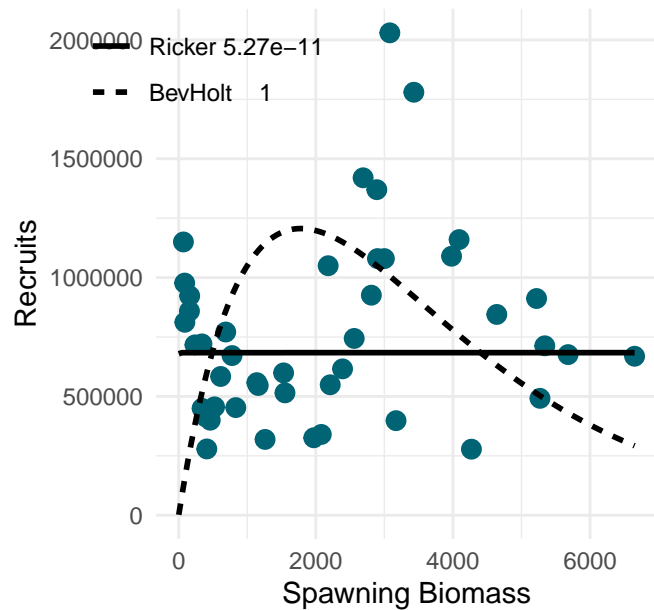
Hippoglossus hippoglossus

Area ID: Canada-DFO-3NOPs4VWX5Zc

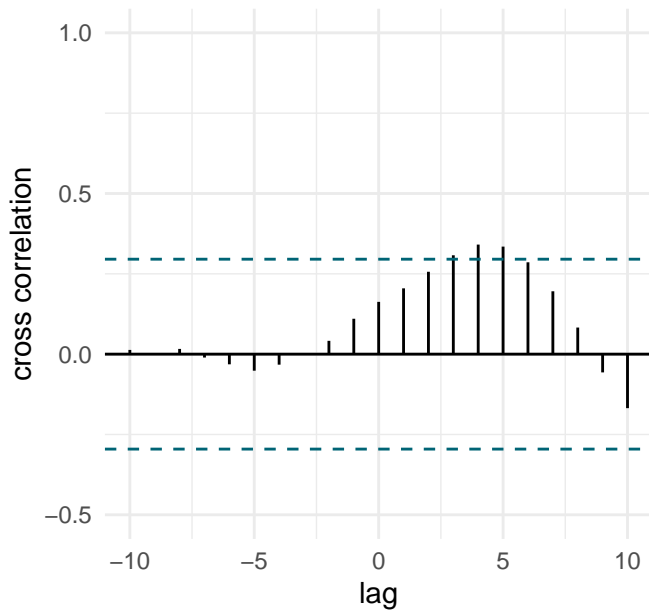
(a)



(b)



(c)

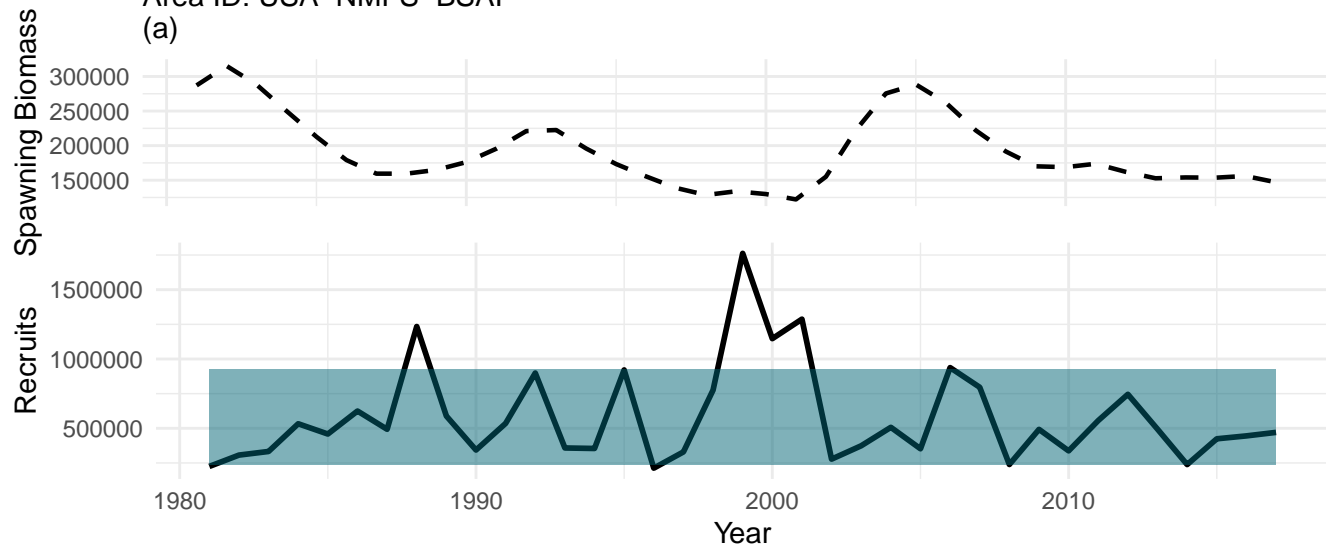


Atka mackerel

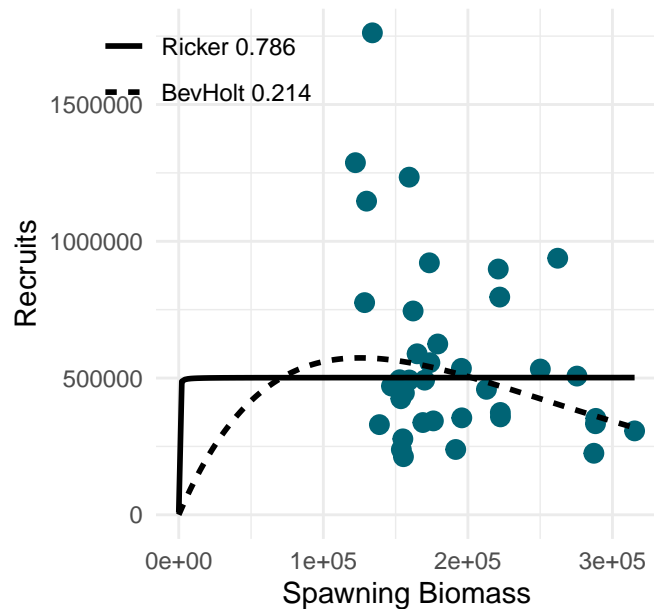
Pleurogrammus monopterygius

Area ID: USA-NMFS-BSAI

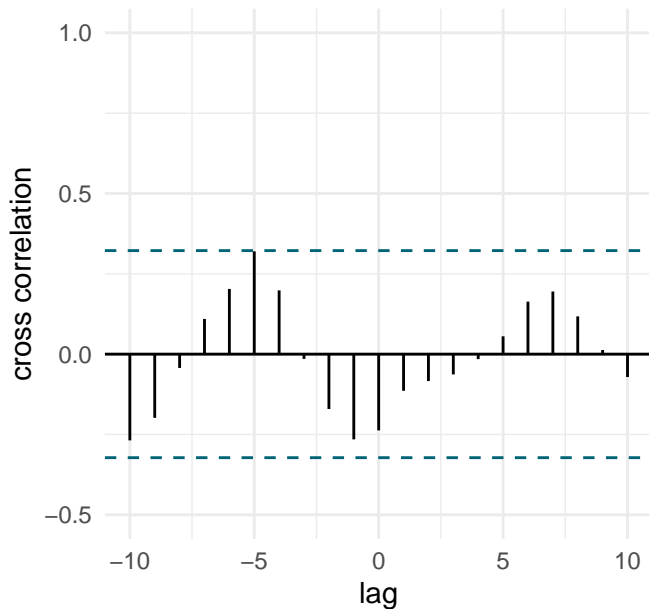
(a)



(b)



(c)

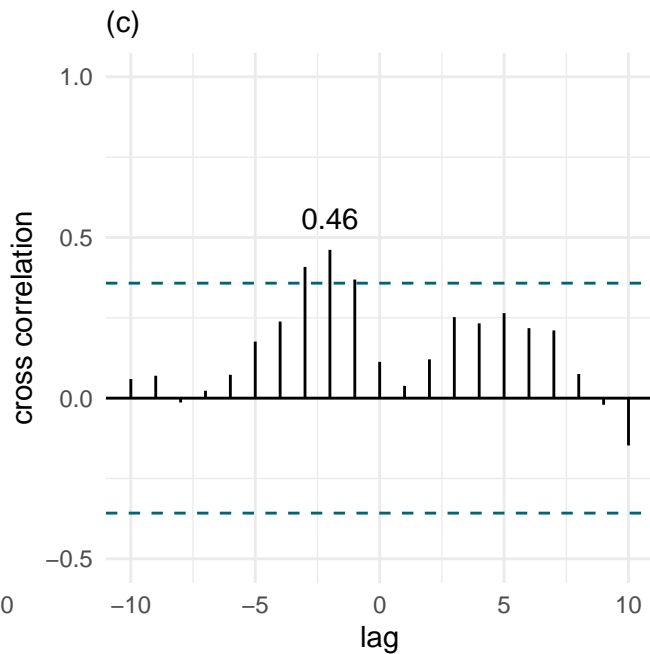
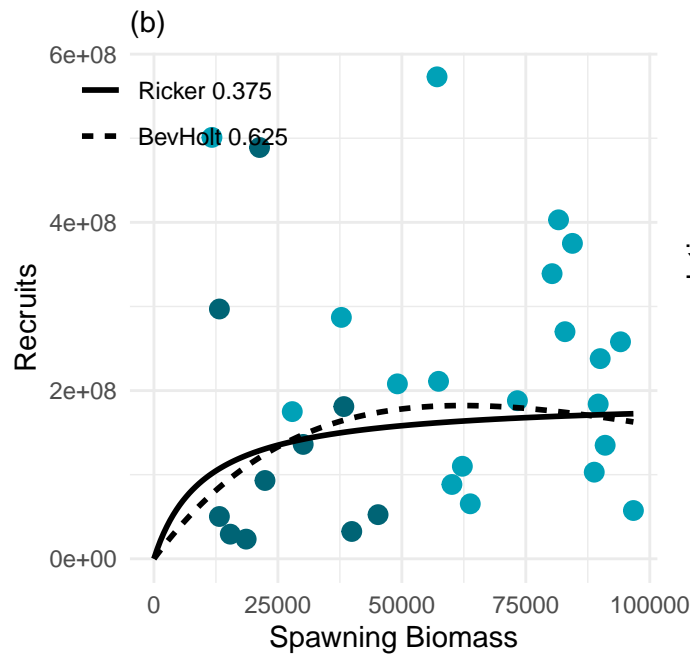
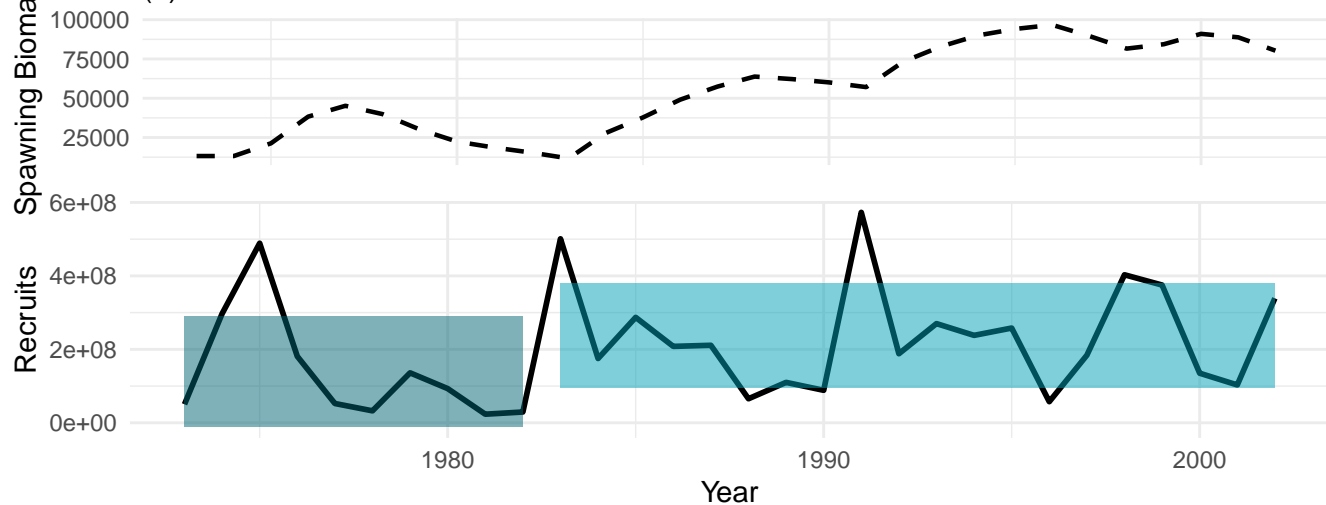


Atlantic croaker

Micropogonias undulatus

Area ID: USA-NMFS-MATLC

(a)

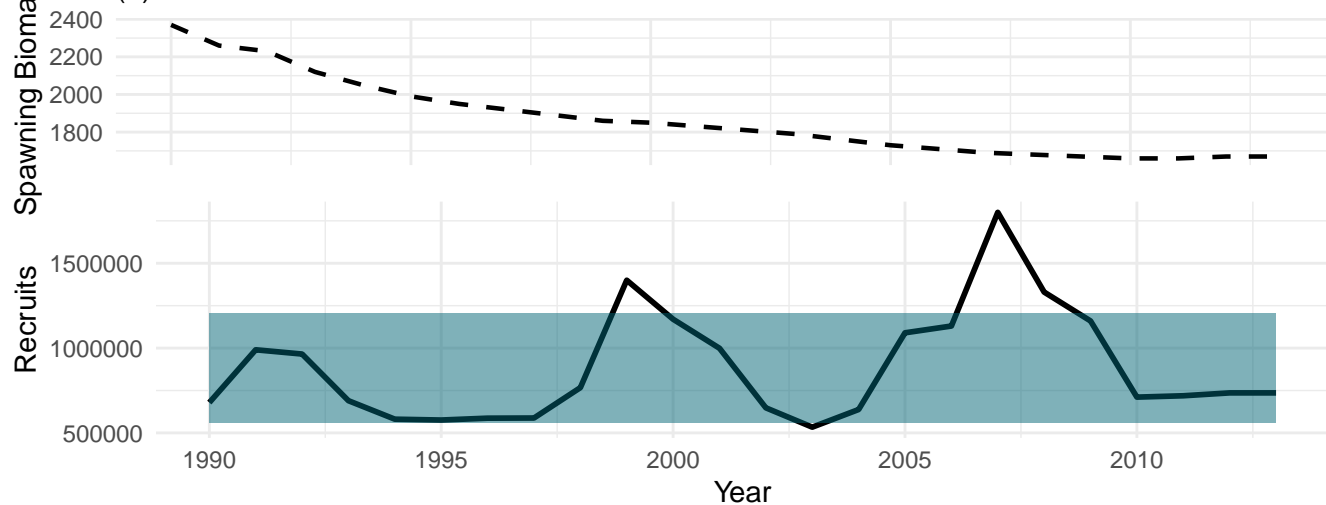


Aurora rockfish

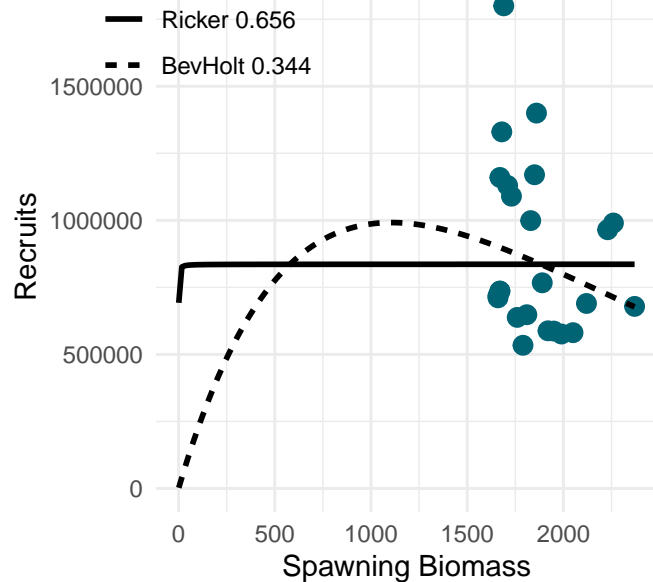
Sebastes aurora

Area ID: USA-NMFS-PCOAST

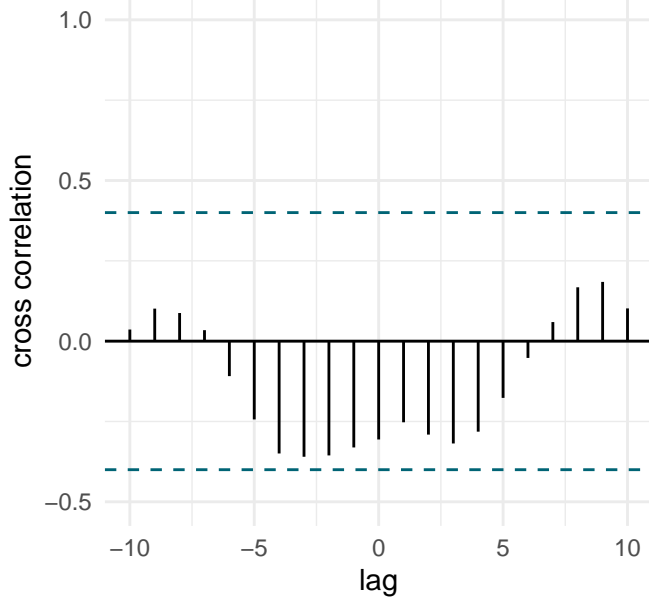
(a)



(b)



(c)

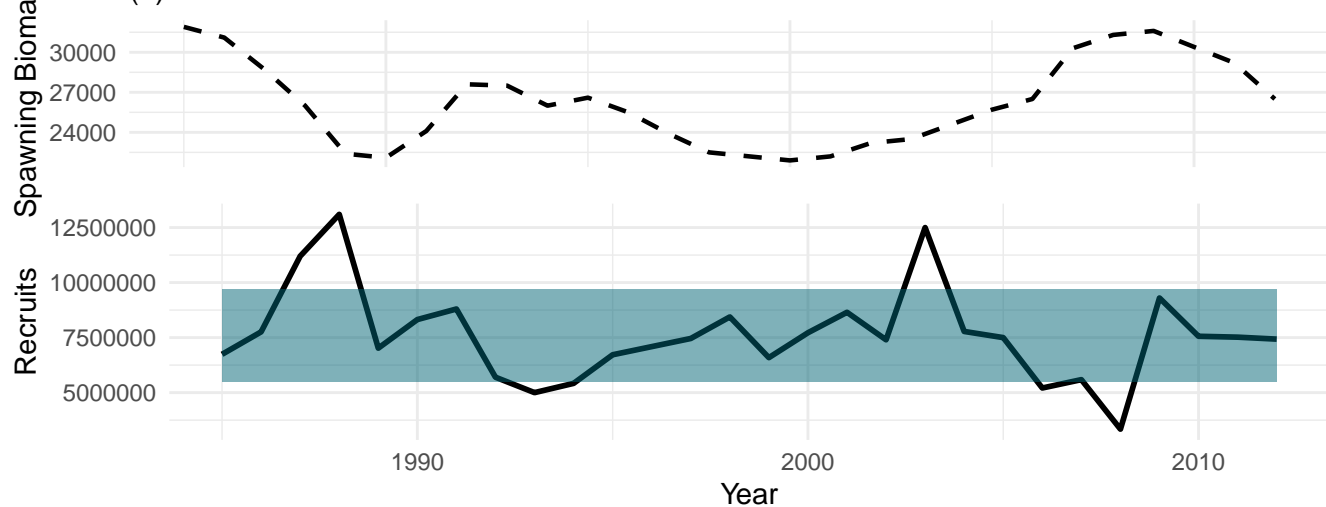


Australian salmon

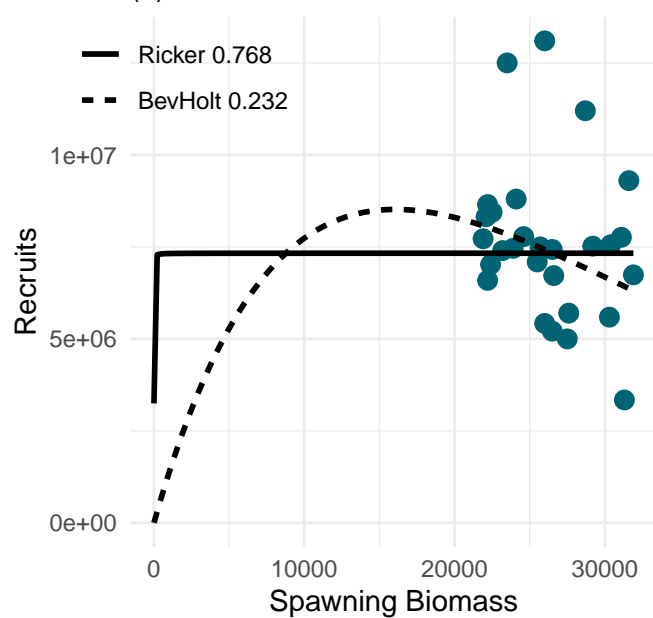
Arripis trutta

Area ID: New Zealand-MFish-NZ

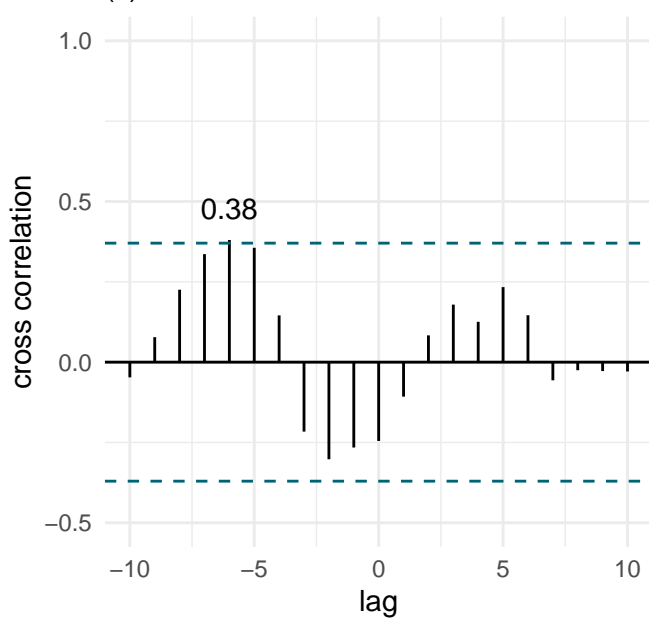
(a)



(b)



(c)

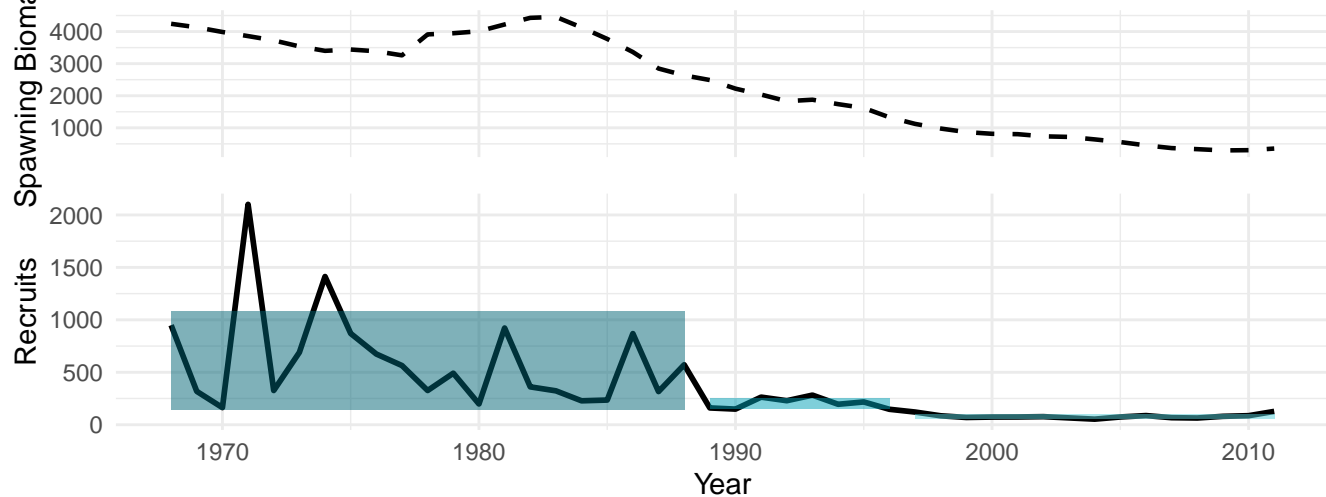


Atlantic wolffish

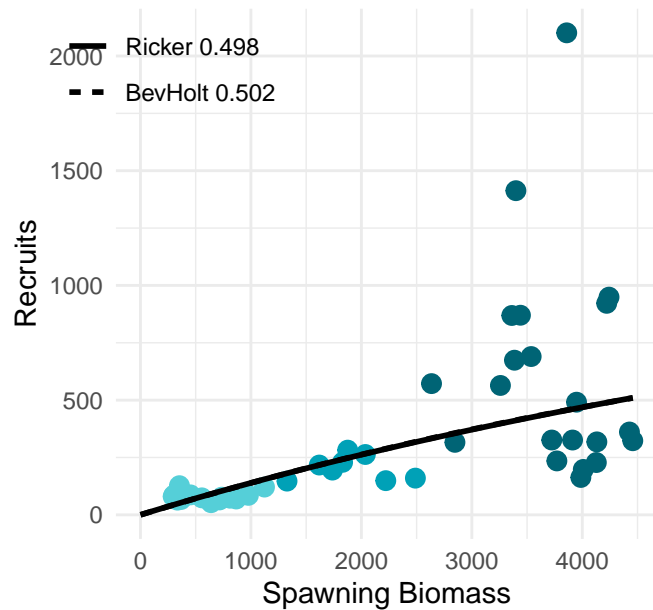
Anarhichas lupus

Area ID: USA-NMFS-5YZ

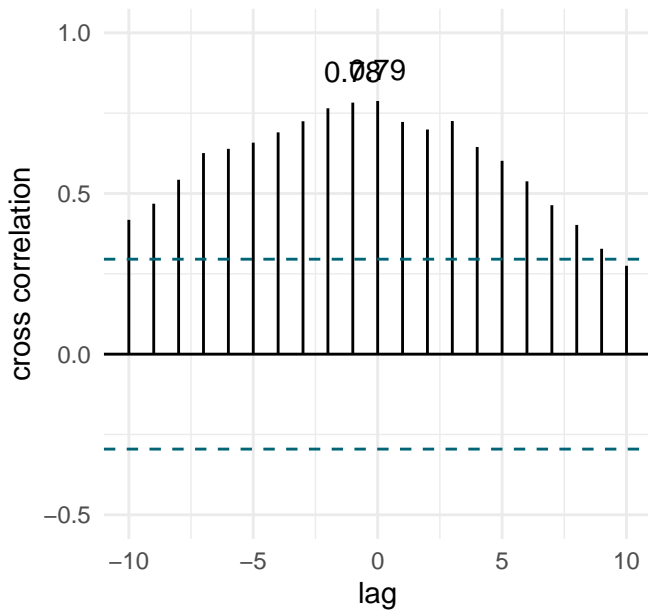
(a)



(b)



(c)

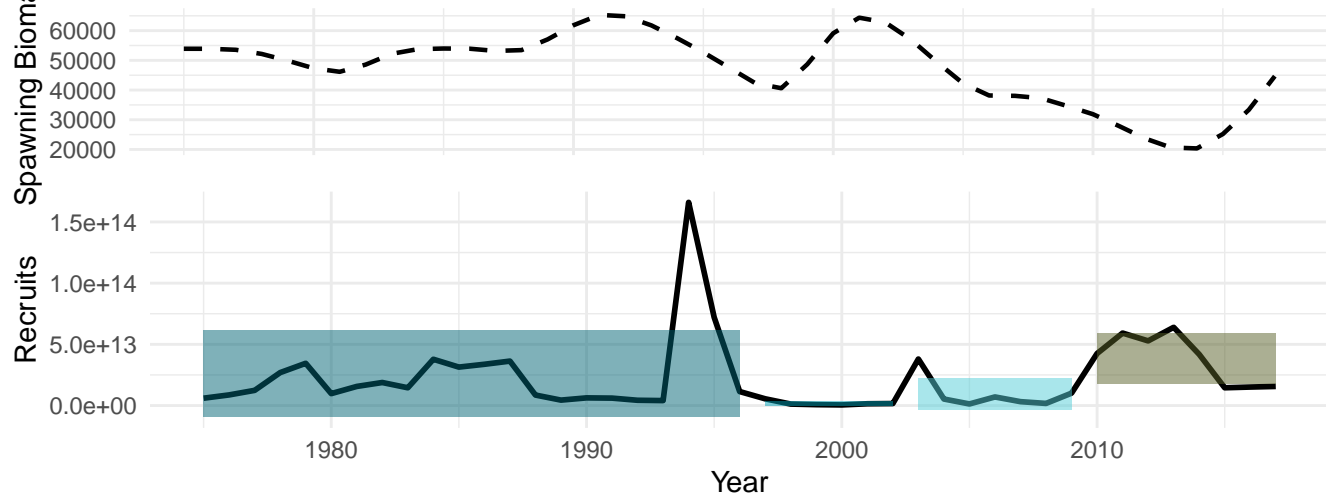


Blue grenadier

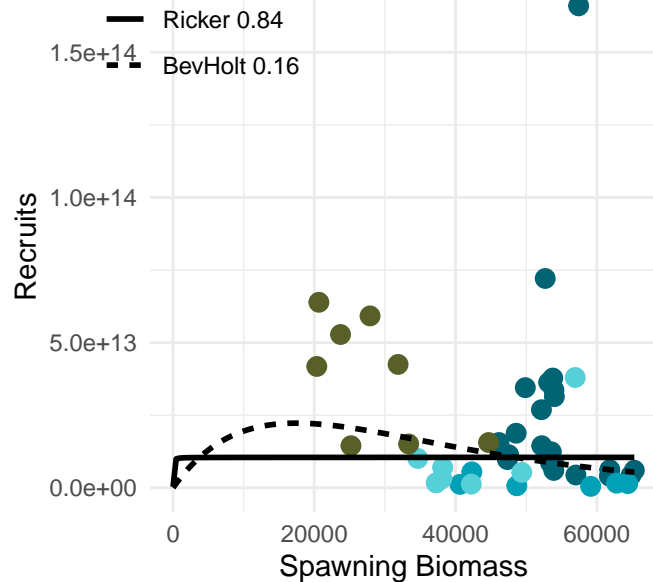
Macruronus novaezelandiae

Area ID: Australia–AFMA–NSWWA

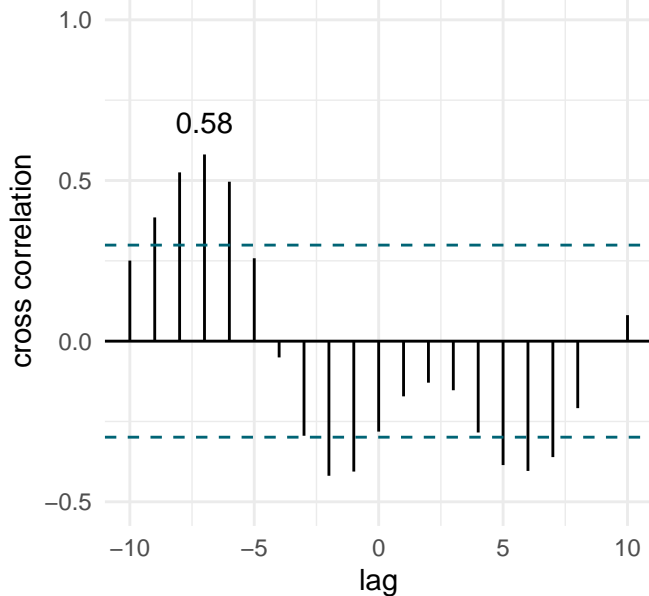
(a)



(b)



(c)

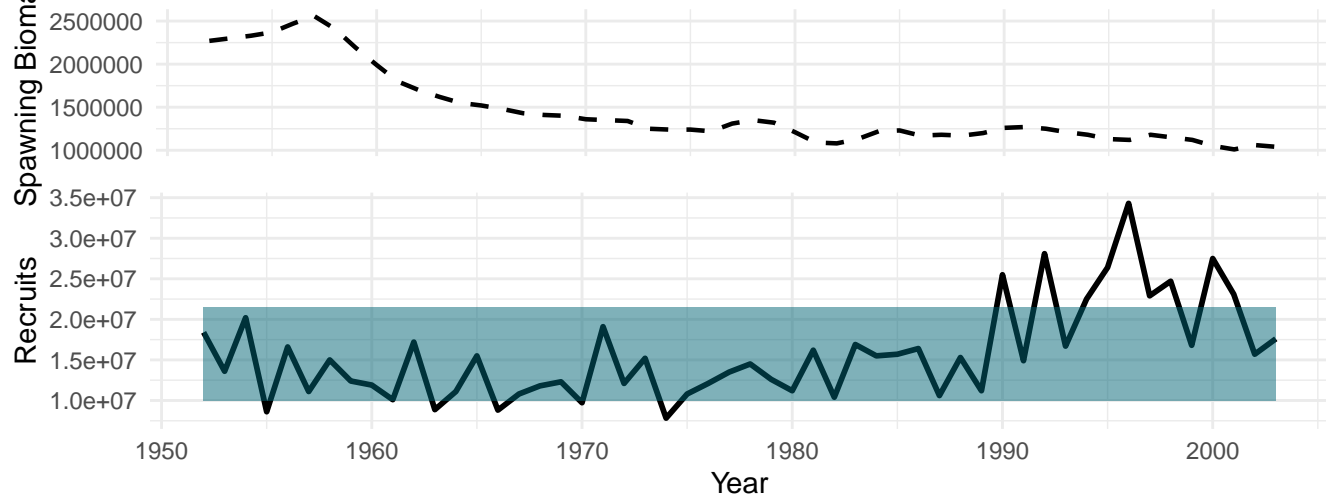


Bigeye tuna

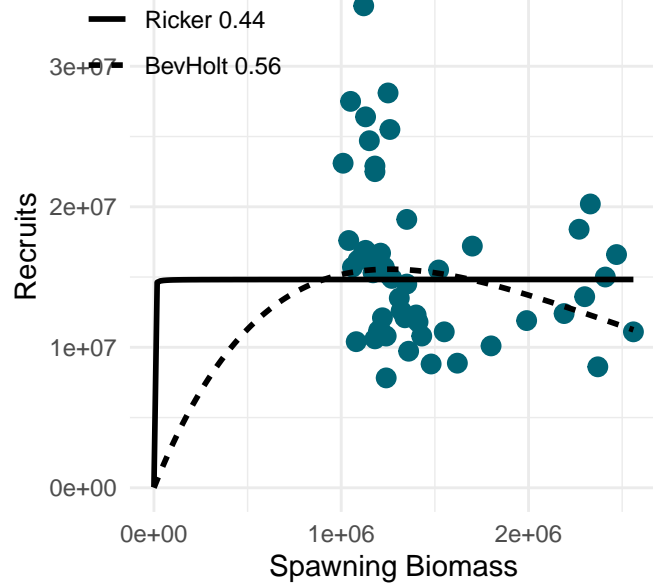
Thunnus obesus

Area ID: multinational-WCPFC-CWPAC

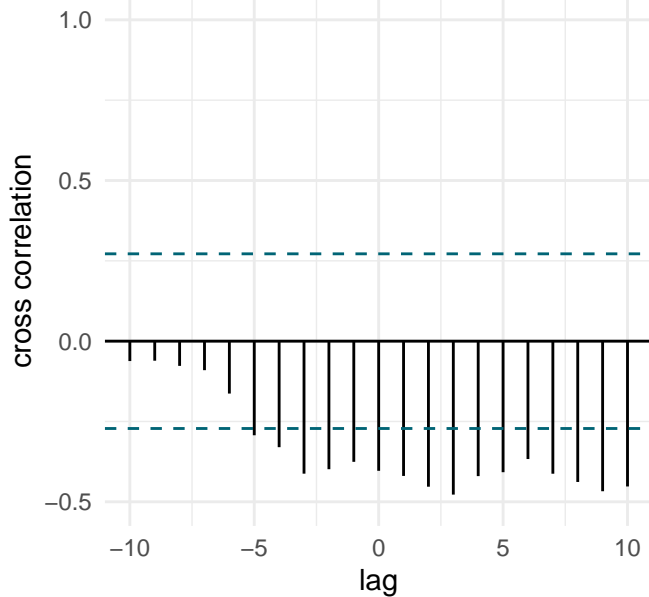
(a)



(b)



(c)

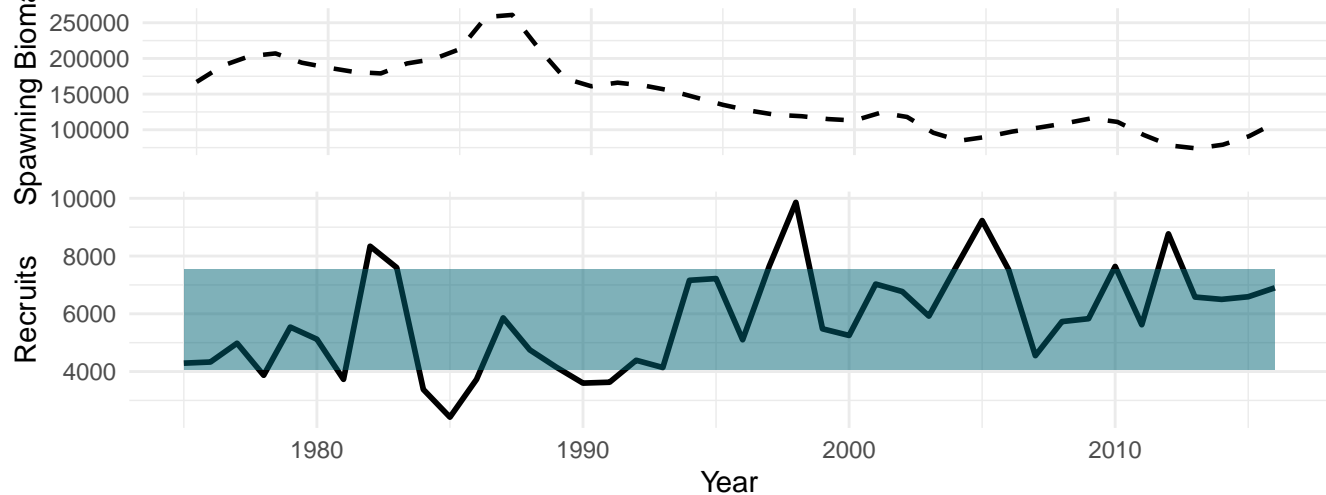


Bigeye tuna

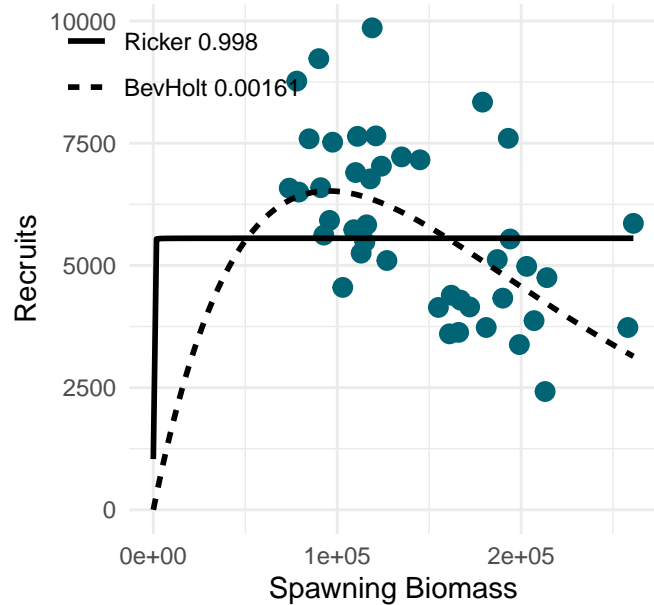
Thunnus obesus

Area ID: multinational-IATTC-EPAC

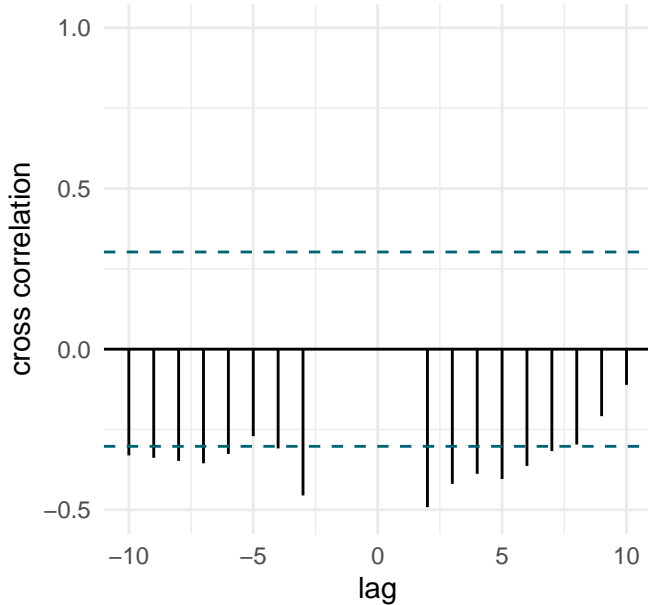
(a)



(b)



(c)

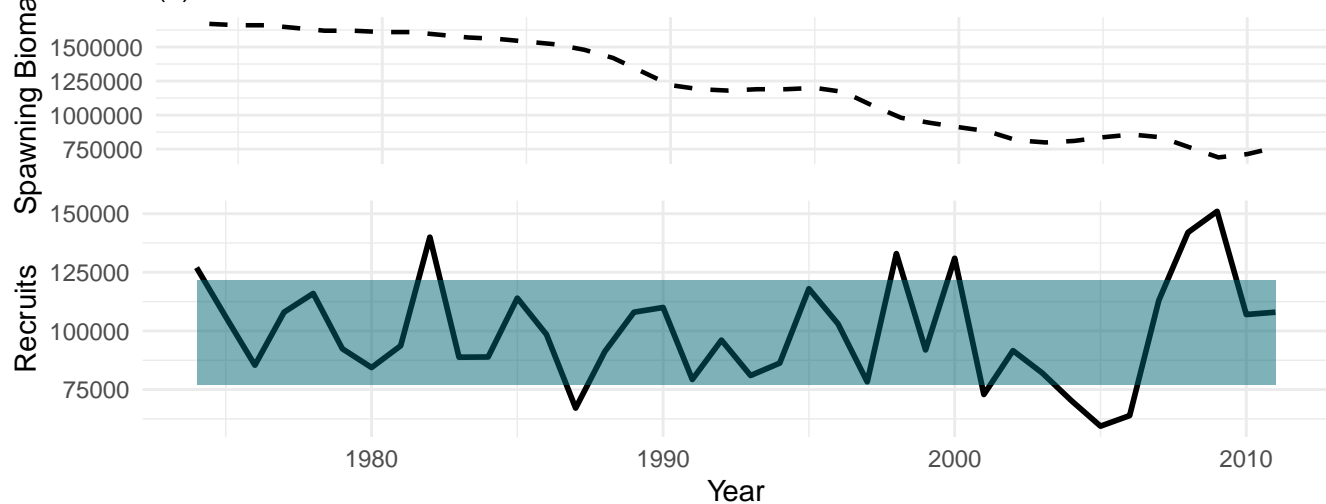


Bigeye tuna

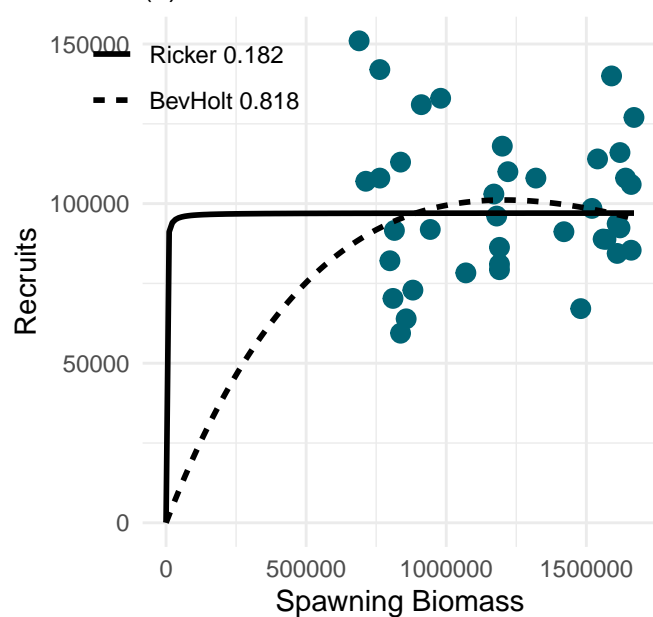
Thunnus obesus

Area ID: multinational-IOTC-IO

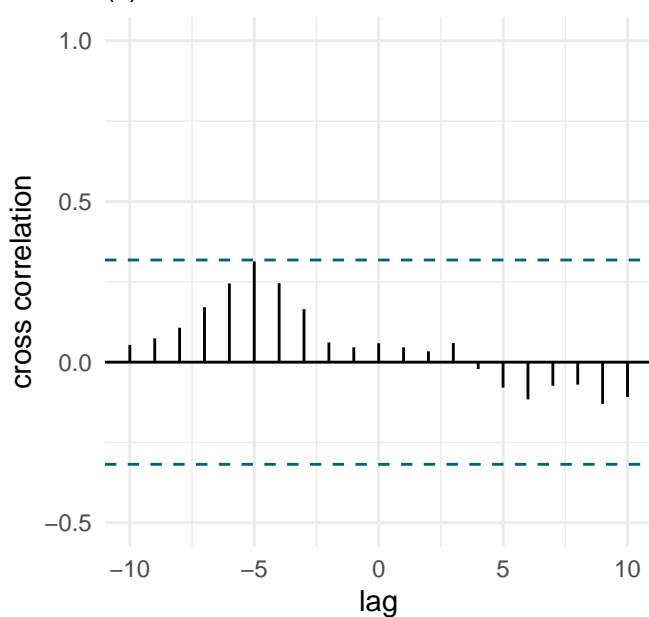
(a)



(b)



(c)

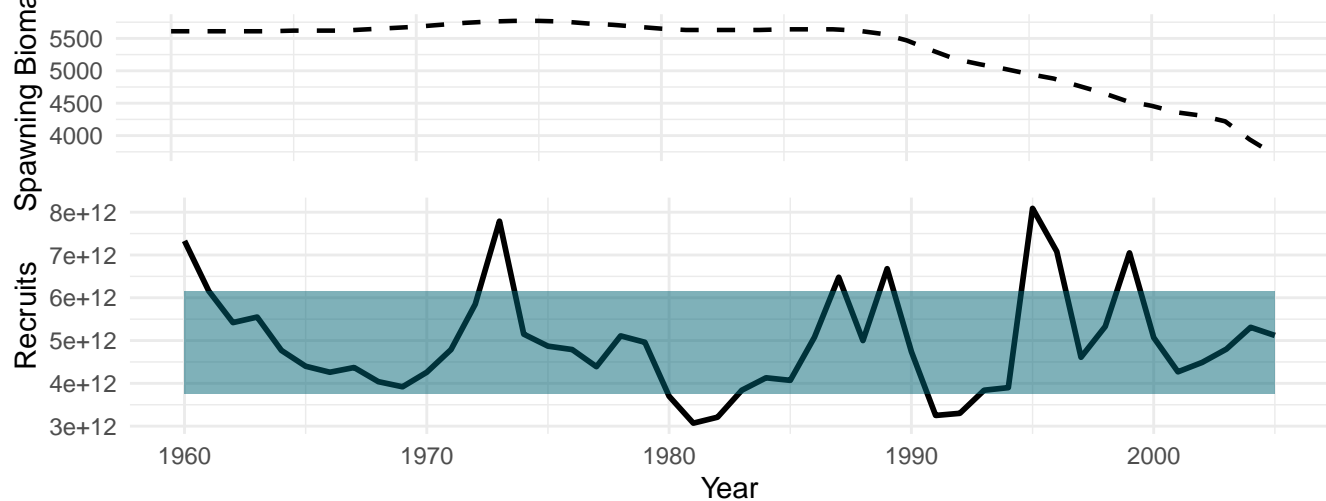


Bight redfish

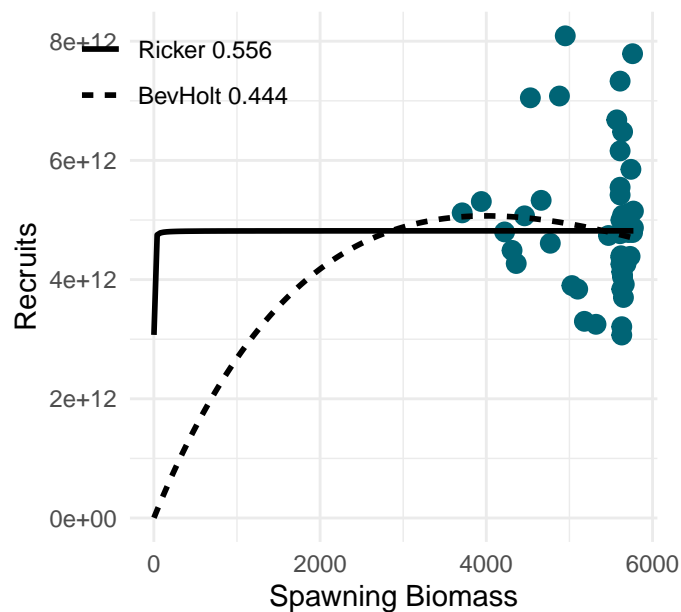
Centroberyx gerrardi

Area ID: Australia-AFMA-SE

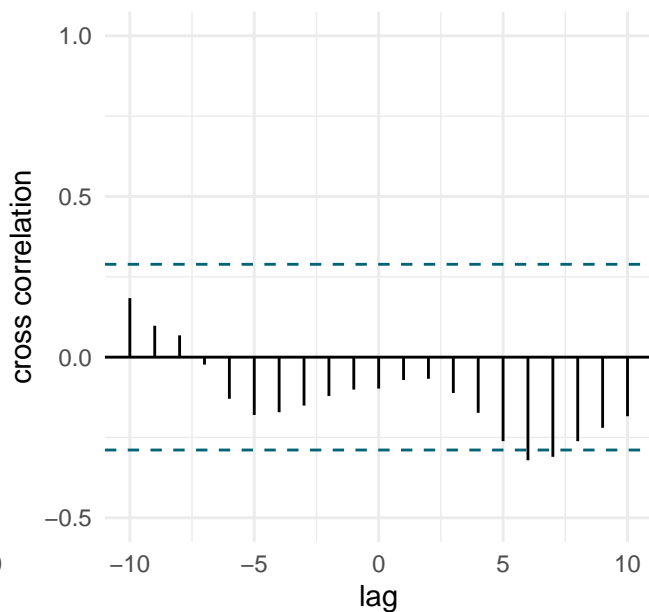
(a)



(b)



(c)

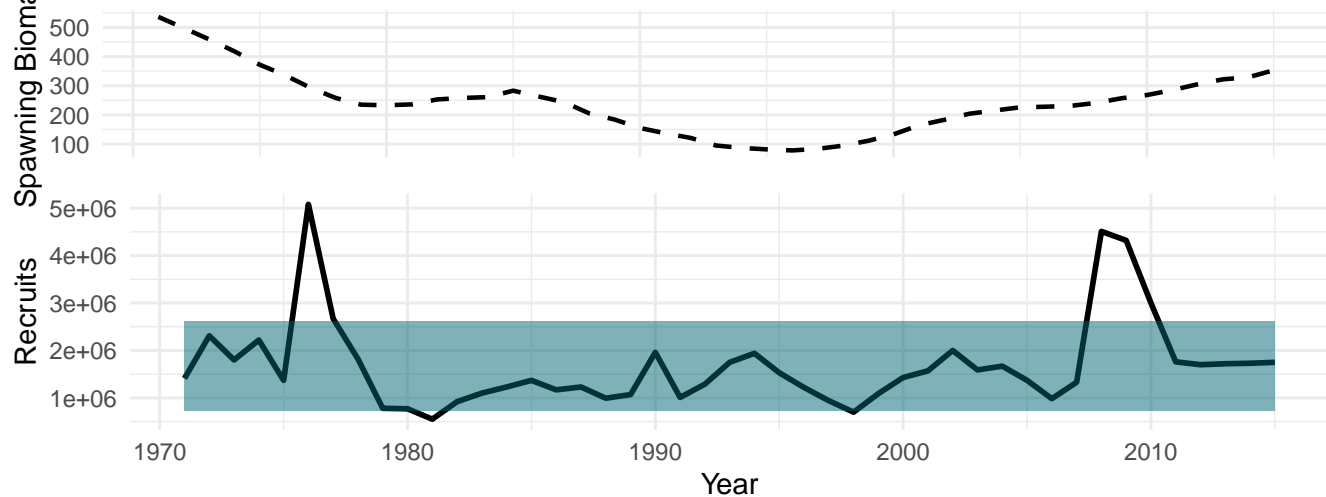


Black rockfish

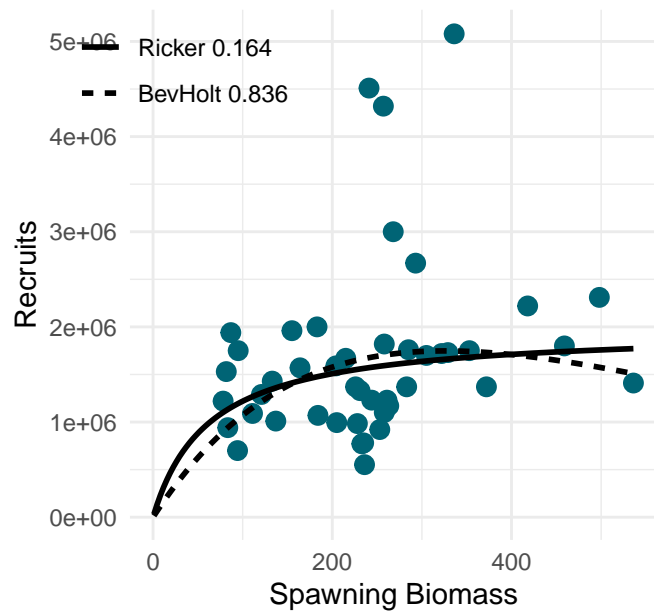
Sebastes melanops

Area ID: USA-NMFS-CAL

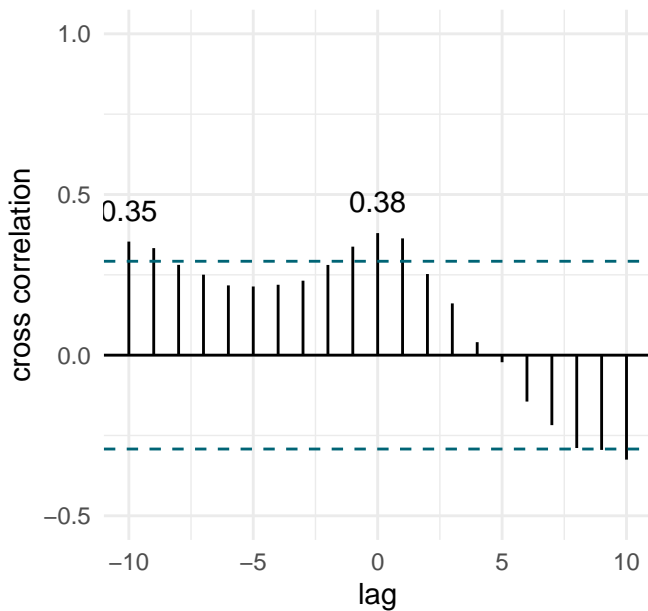
(a)



(b)



(c)

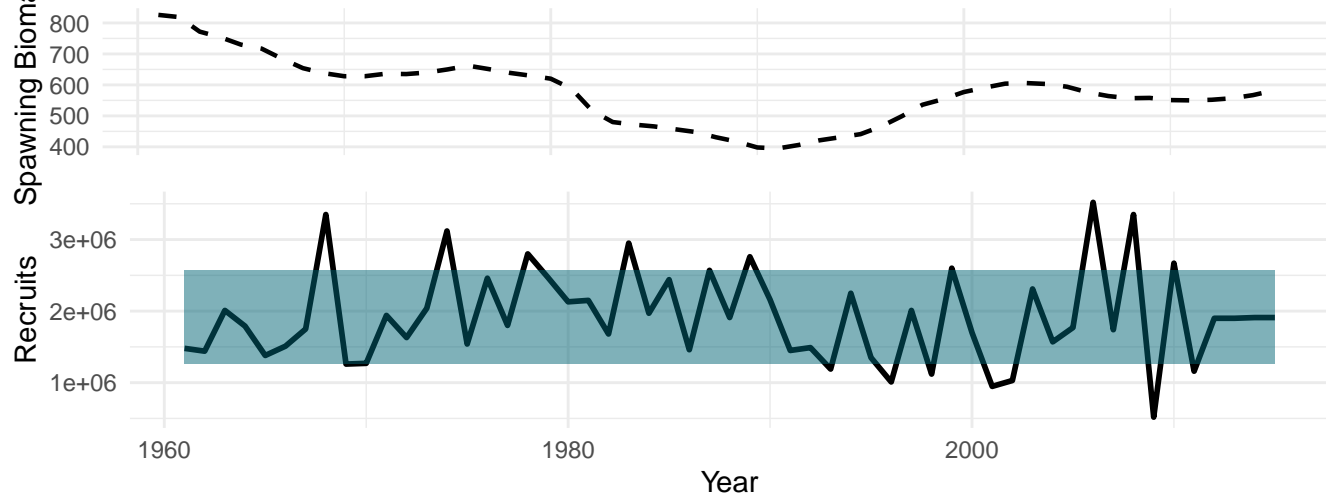


Black rockfish

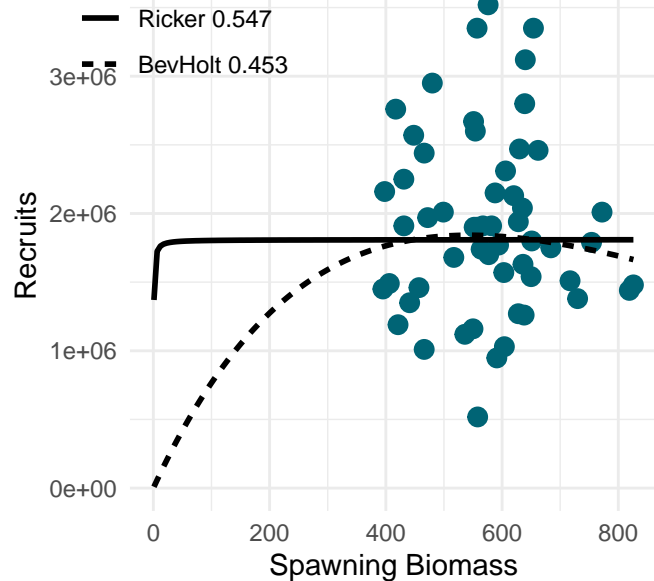
Sebastes melanops

Area ID: USA-NMFS-WASH

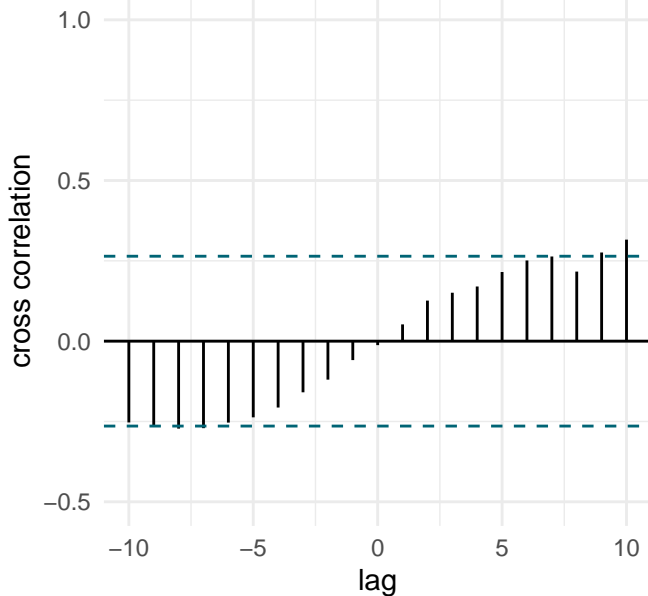
(a)



(b)



(c)

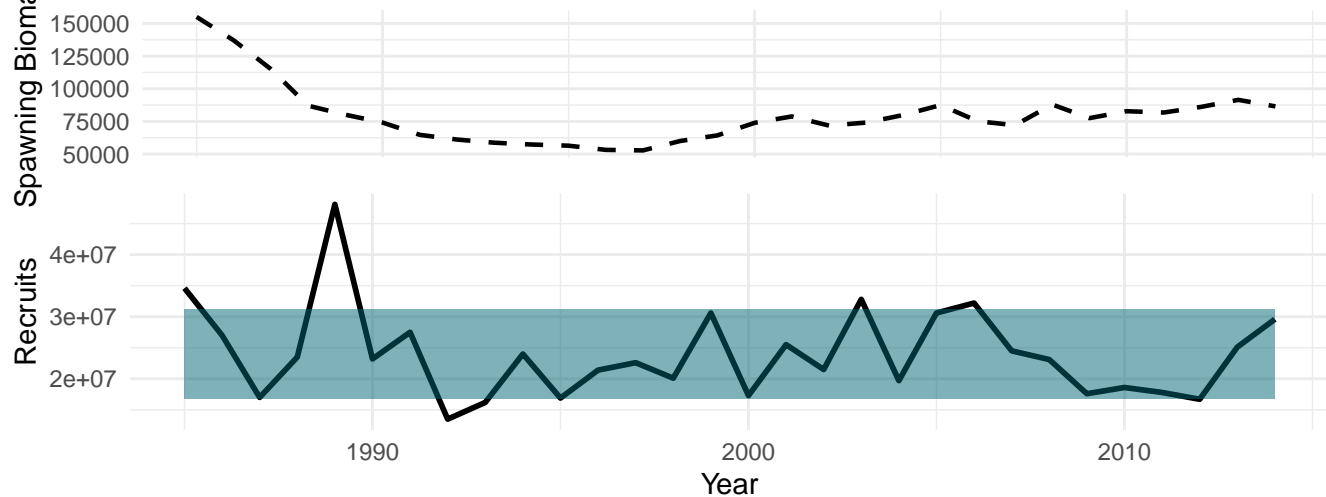


Bluefish

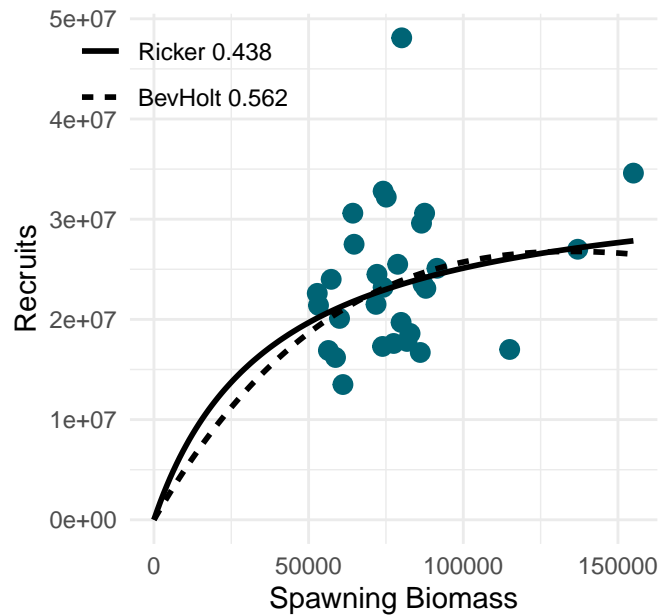
Pomatomus saltatrix

Area ID: USA-NMFS-ATLC

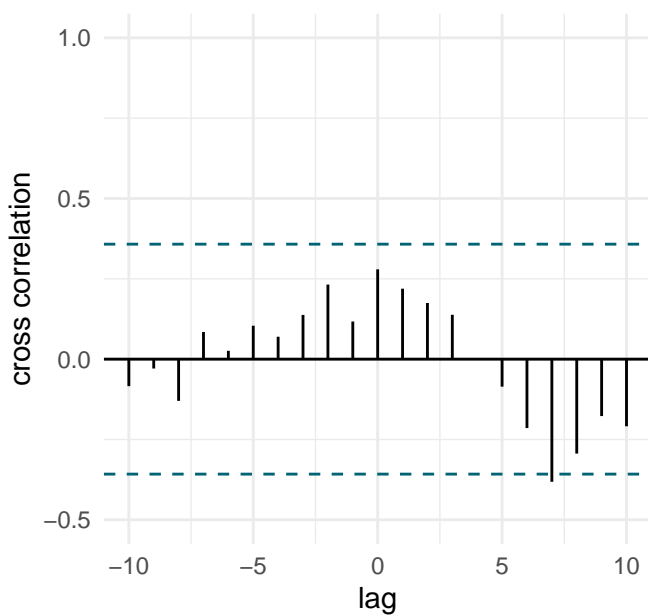
(a)



(b)



(c)

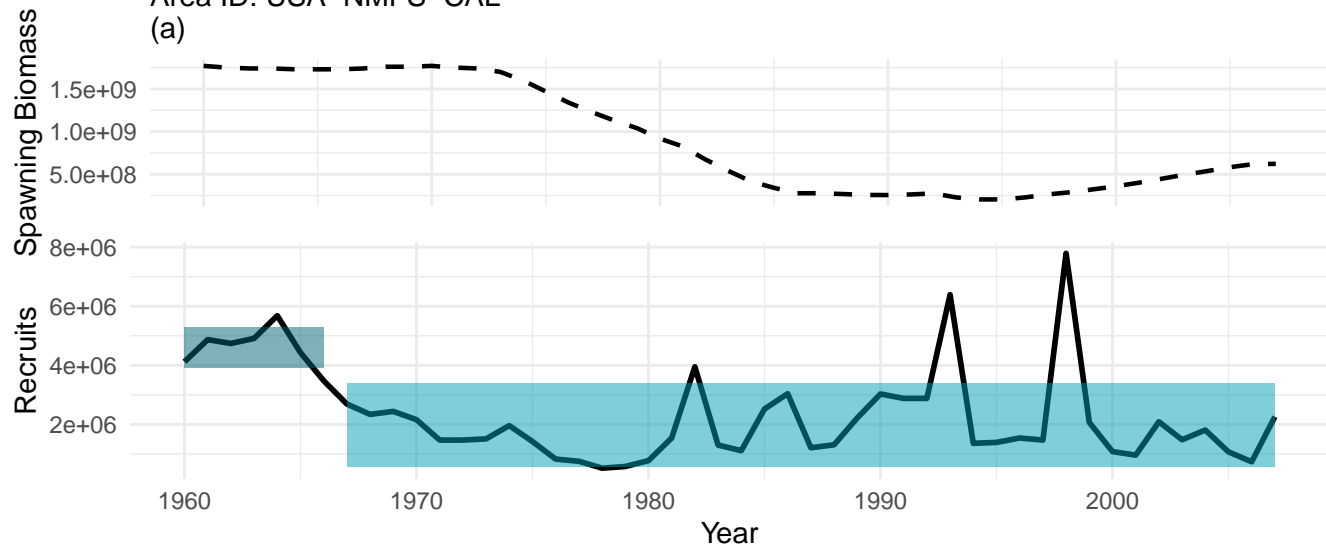


Blue rockfish

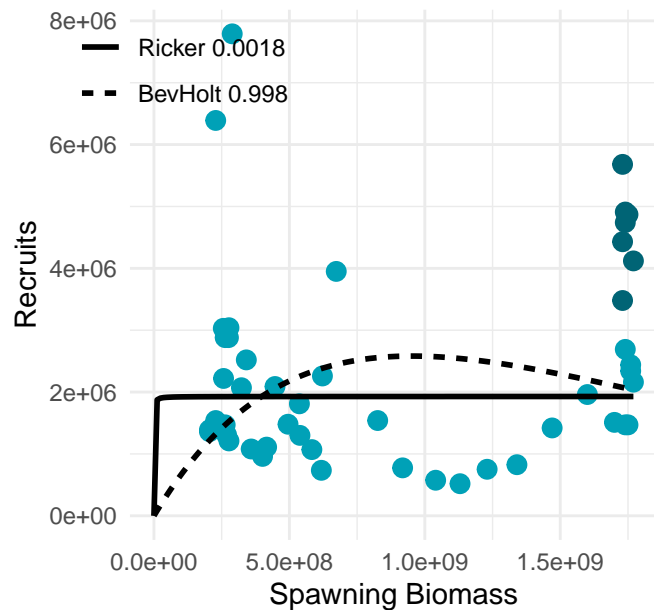
Sebastes mystinus

Area ID: USA-NMFS-CAL

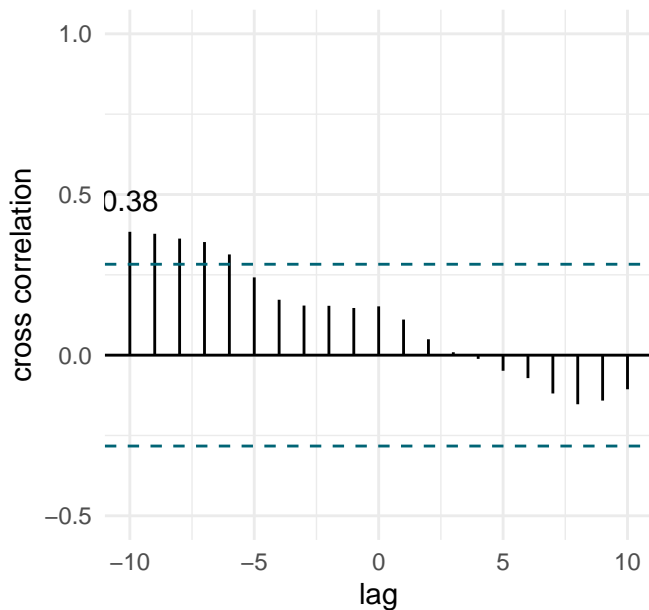
(a)



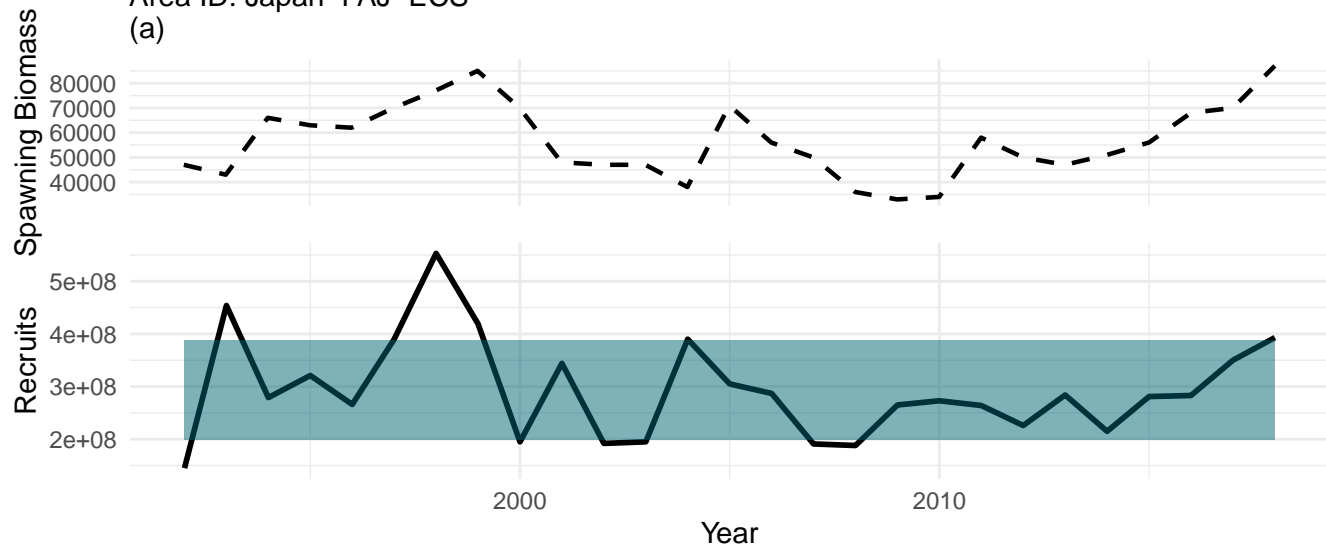
(b)



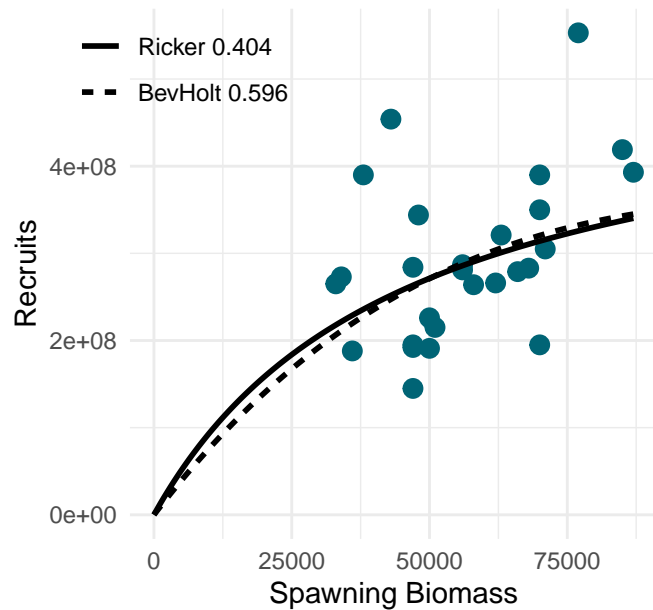
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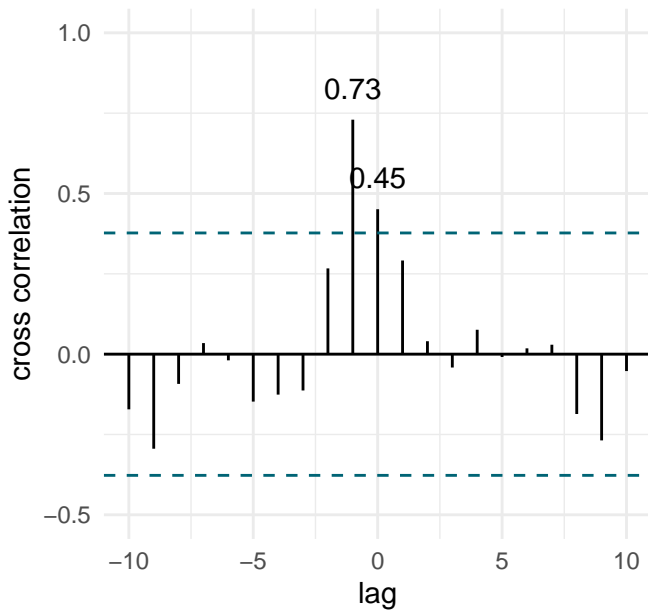
Spotted mackerel
Scomber australasicus
Area ID: Japan-FAJ-ECS
(a)



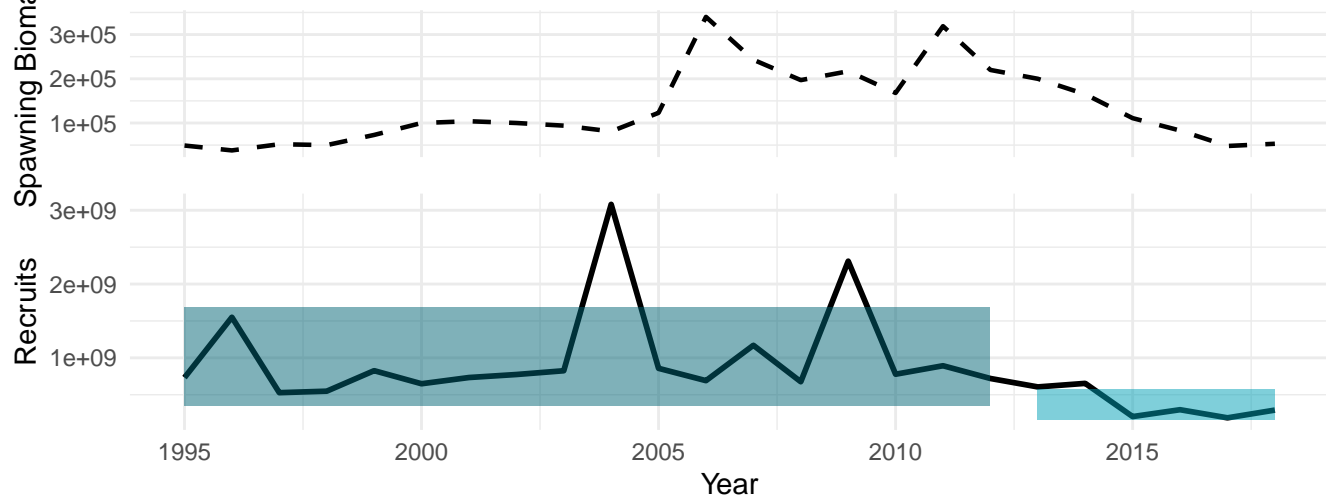
(b)



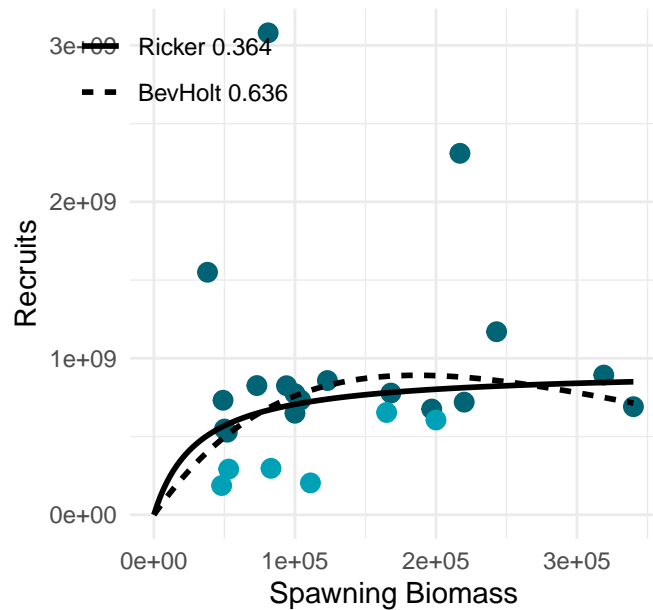
(c)



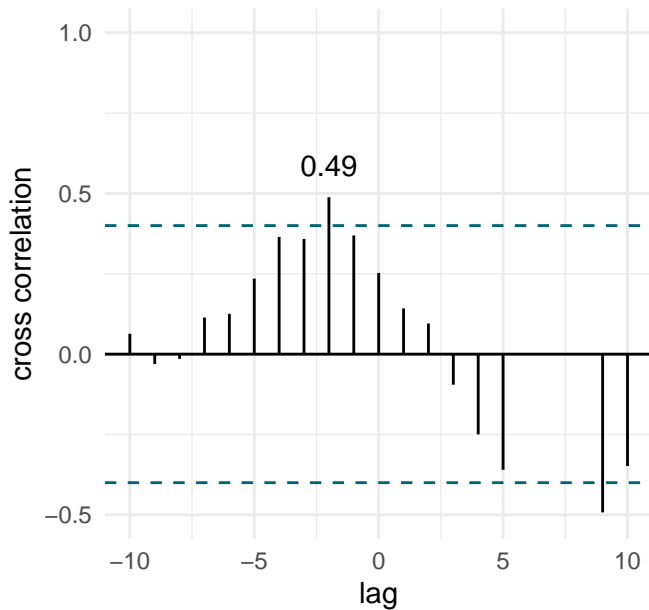
Spotted mackerel
Scomber australasicus
Area ID: Japan-FAJ-PJPN
(a)



(b)



(c)

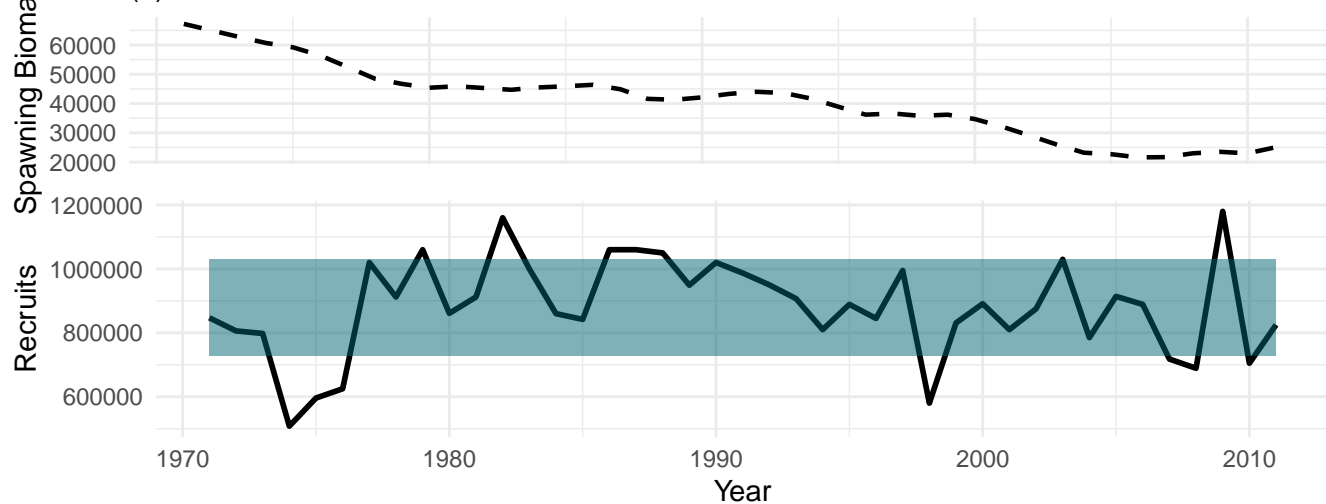


Blue marlin

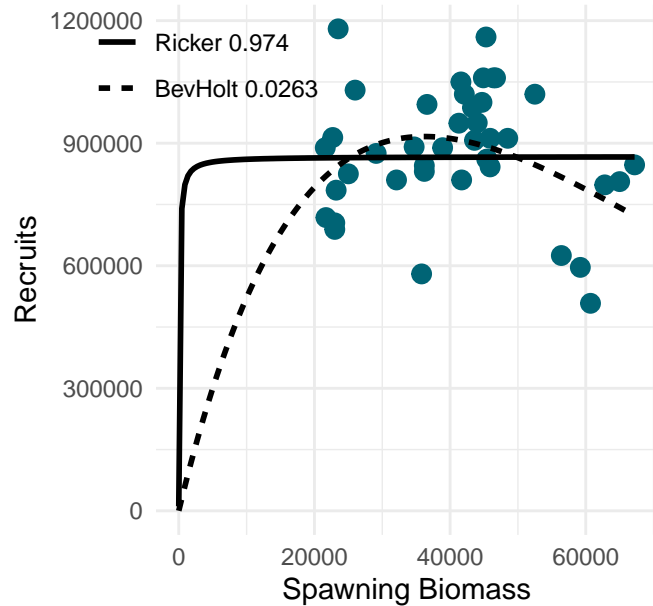
Makaira nigricans

Area ID: multinational-ISC-PAC

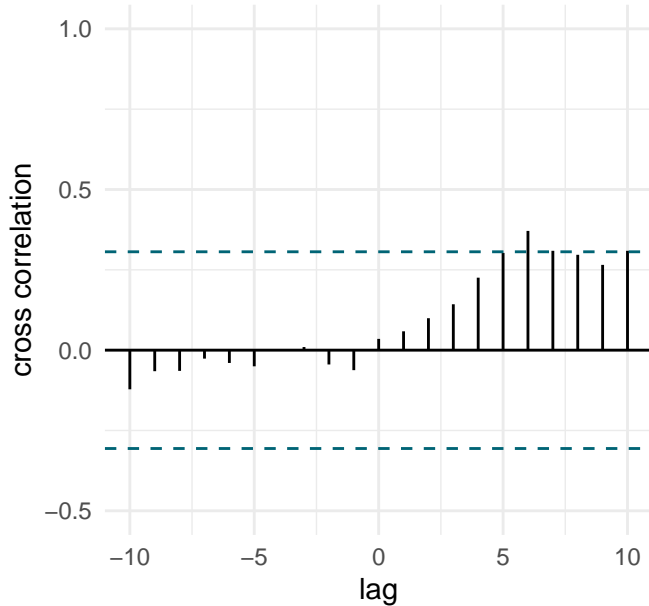
(a)



(b)



(c)

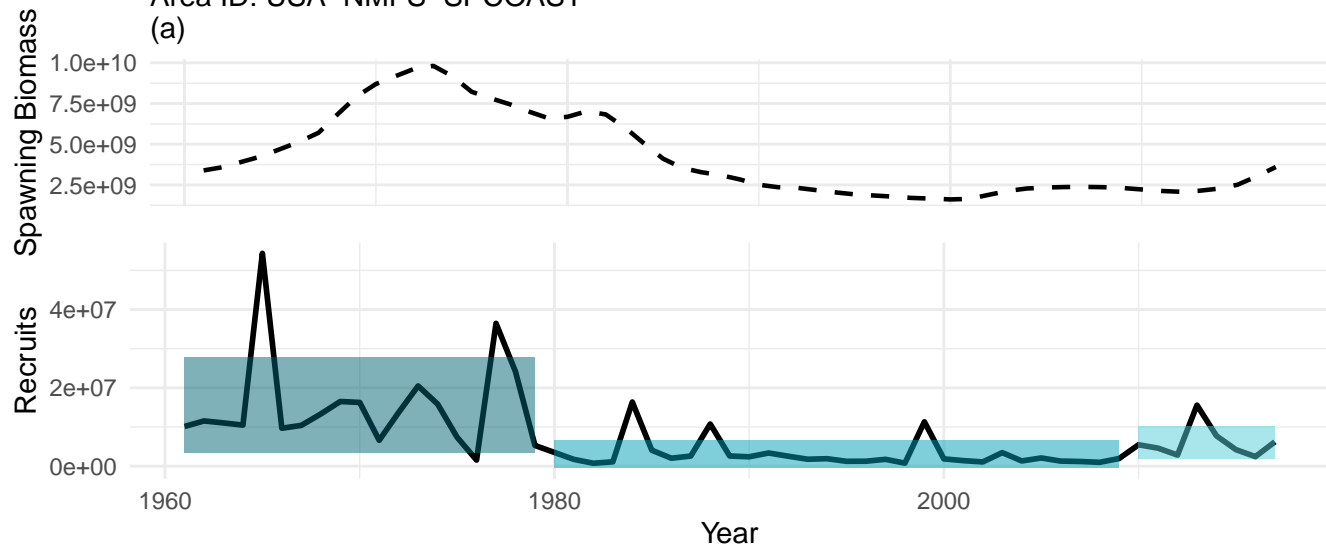


Bocaccio

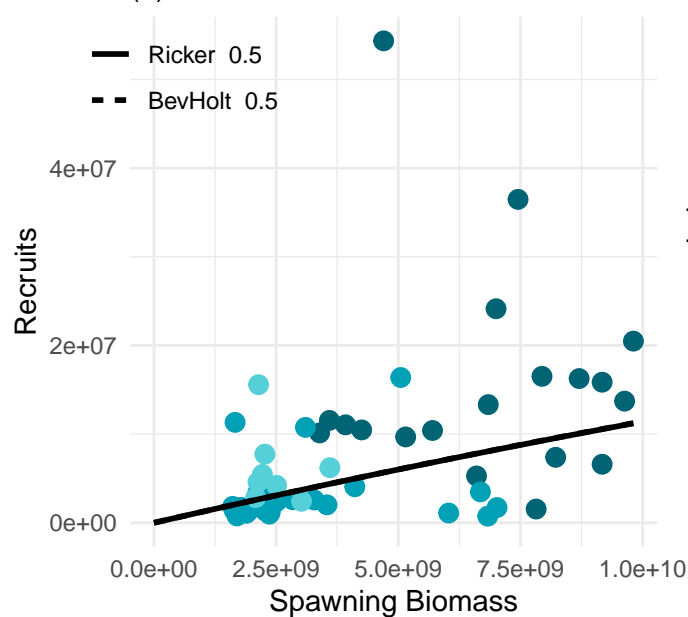
Sebastes paucispinis

Area ID: USA-NMFS-SPCOAST

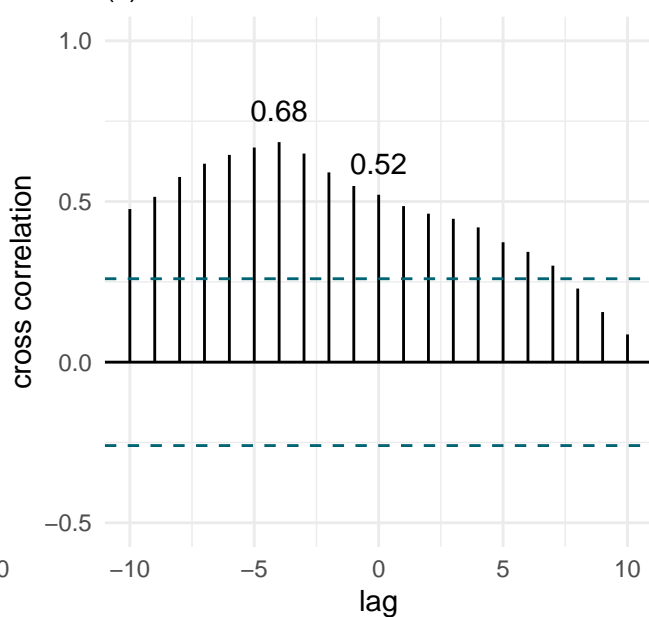
(a)



(b)



(c)

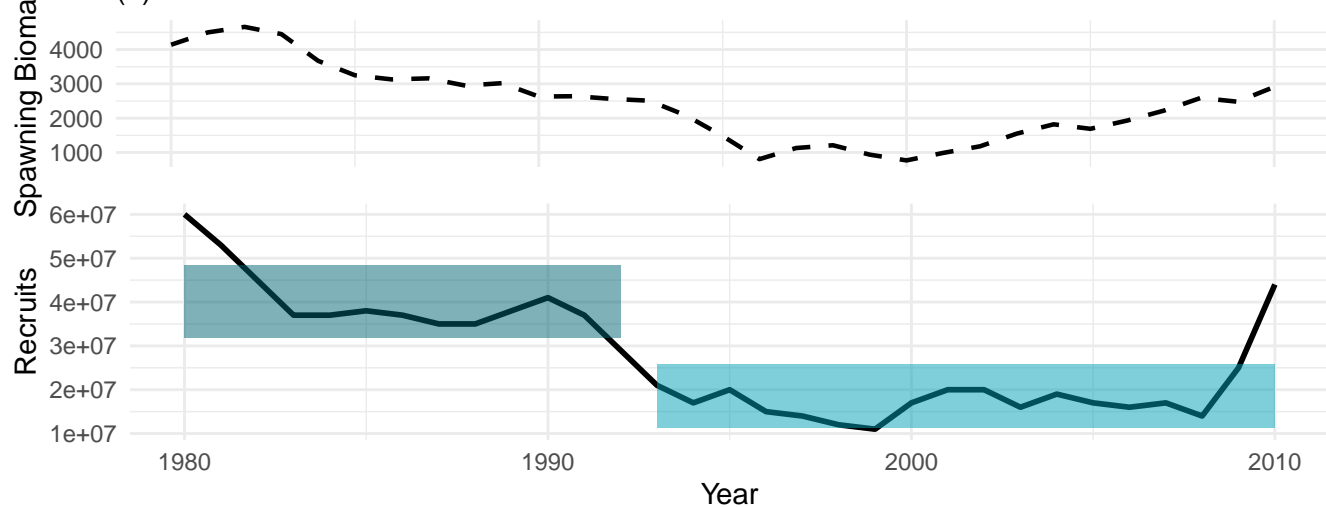


Yellow sea bream

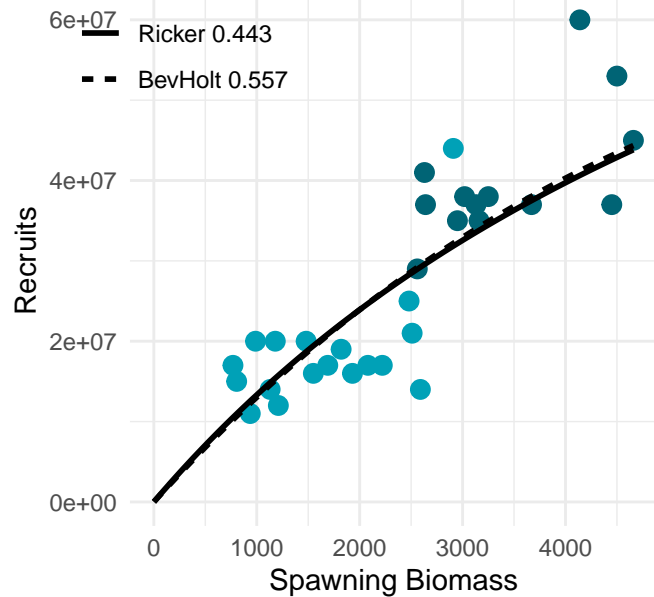
Dentex tumifrons

Area ID: Japan-FAJ-SOJ

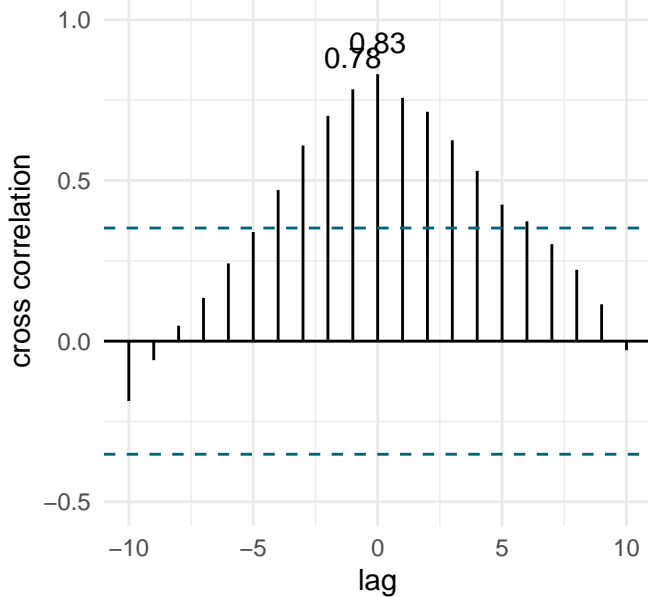
(a)



(b)



(c)

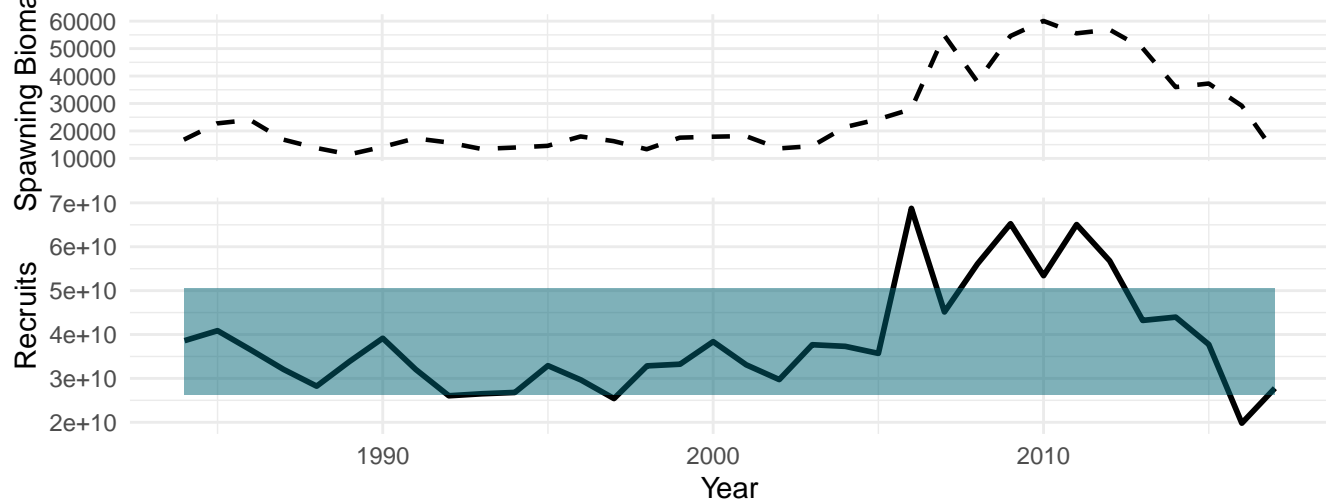


Brown shrimp

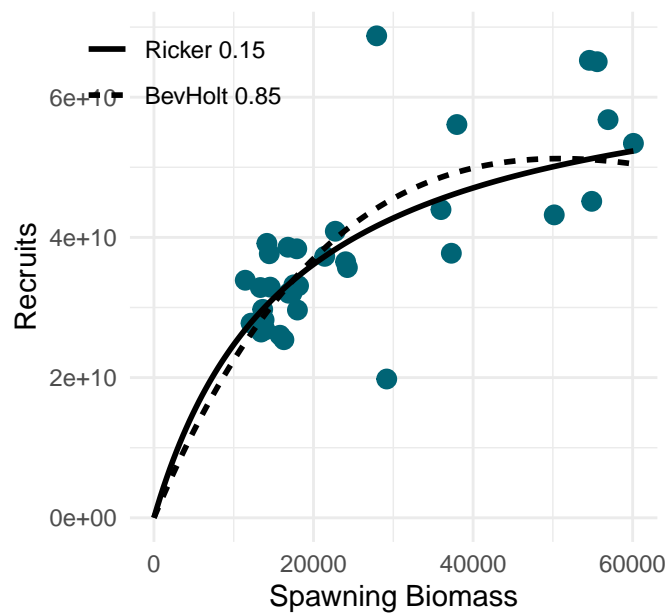
Farfantepenaeus aztecus

Area ID: USA-NMFS-GM

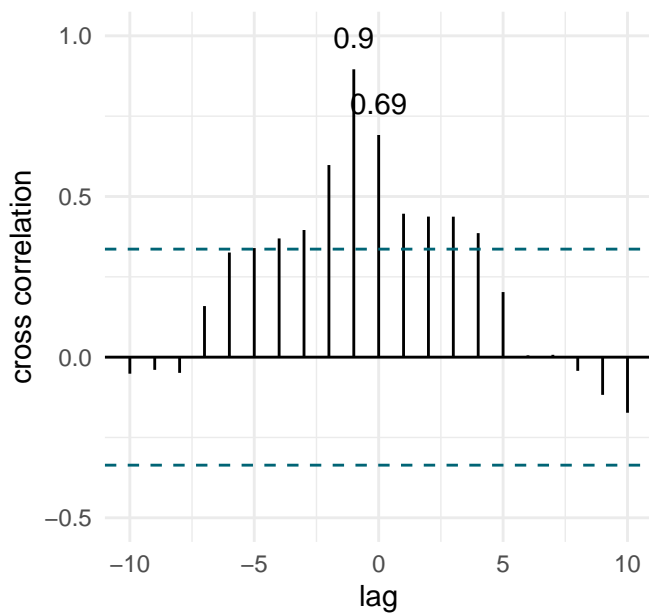
(a)



(b)



(c)

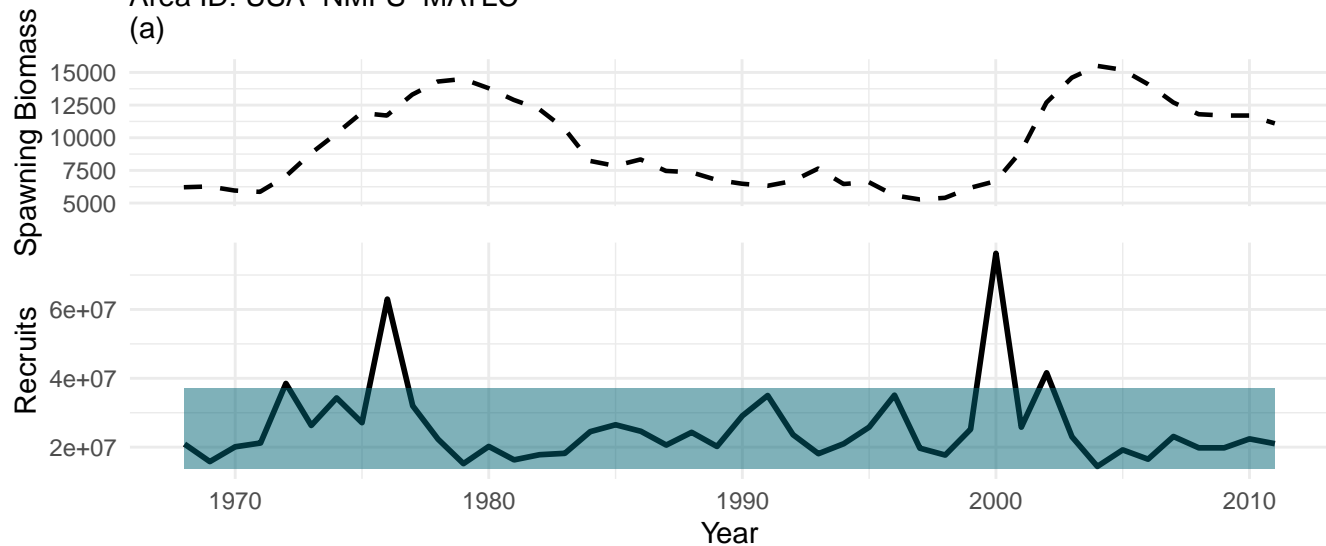


Black sea bass

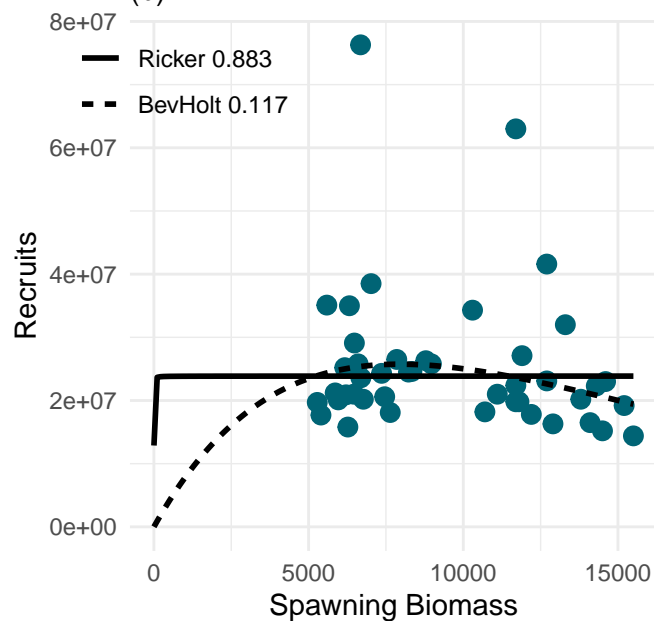
Centropristis striata

Area ID: USA-NMFS-MATLC

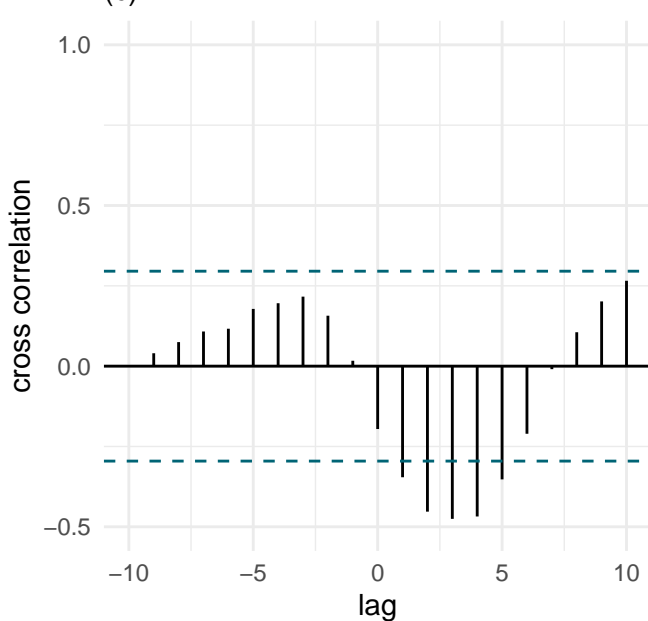
(a)



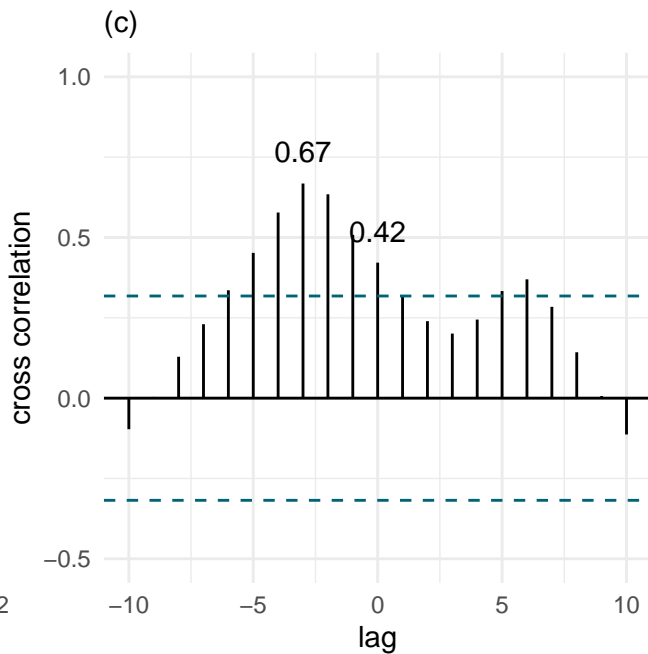
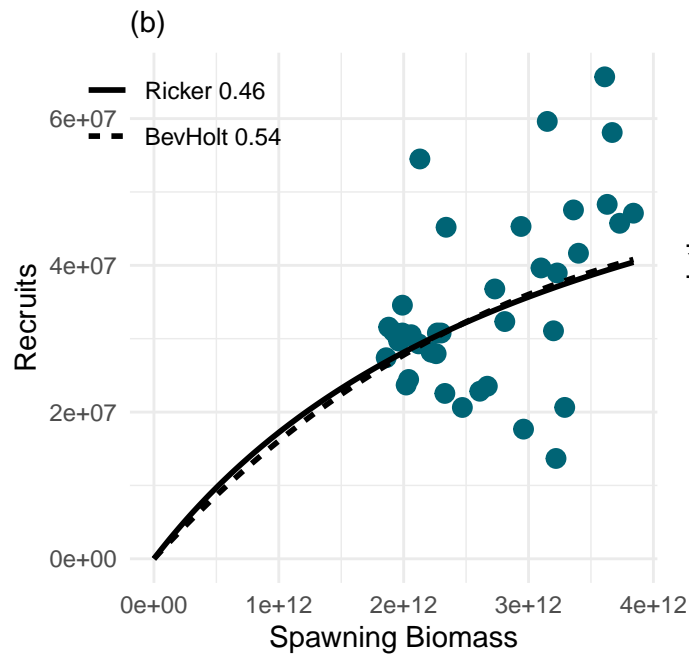
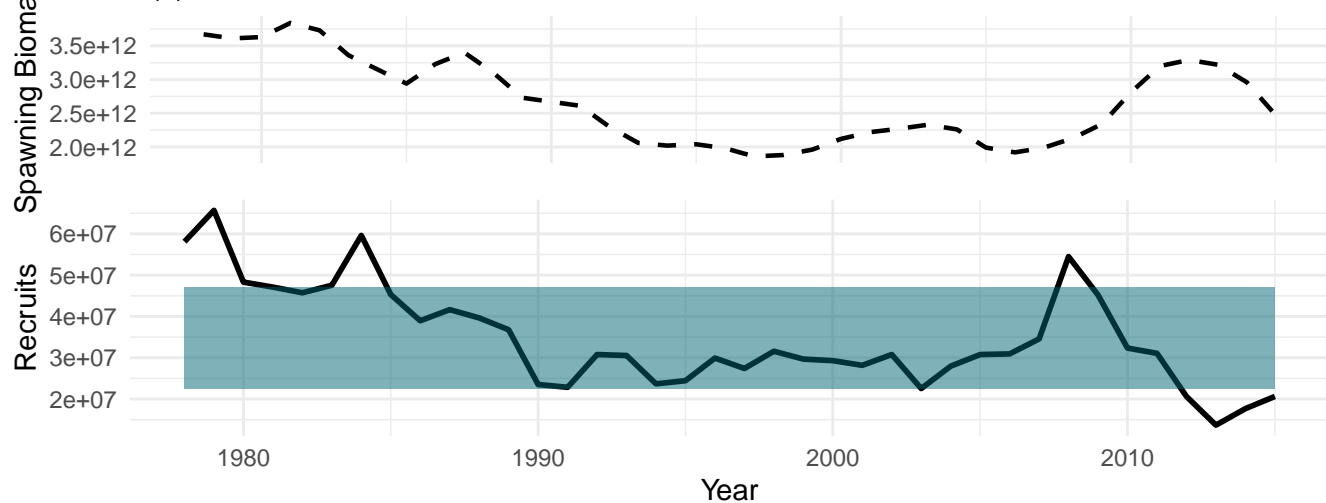
(b)



(c)



Black sea bass
Centropristis striata
Area ID: USA-NMFS-SATL
(a)

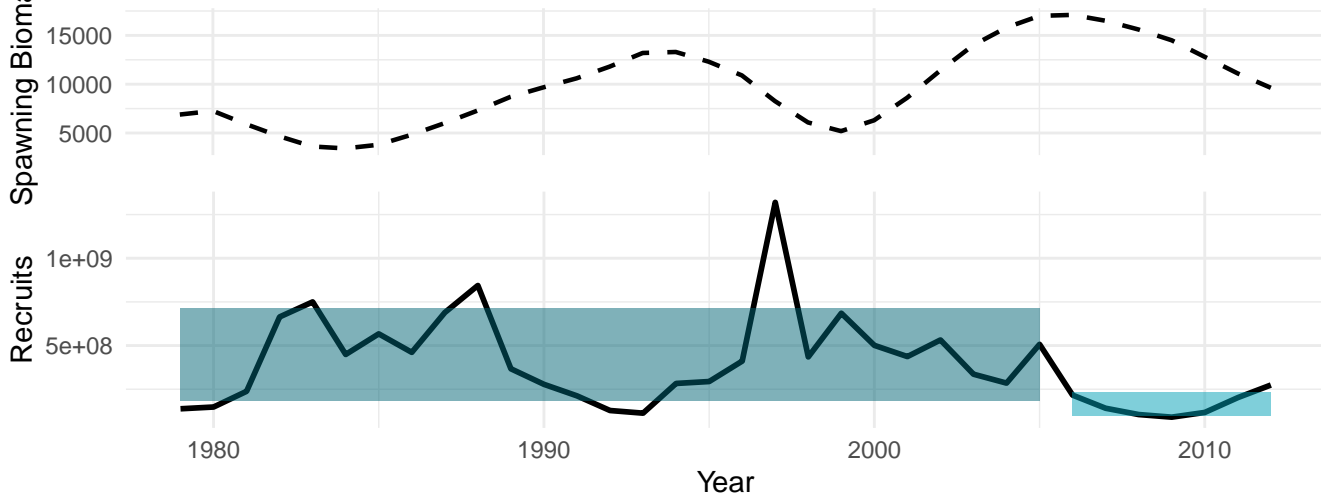


Yellow squat lobster

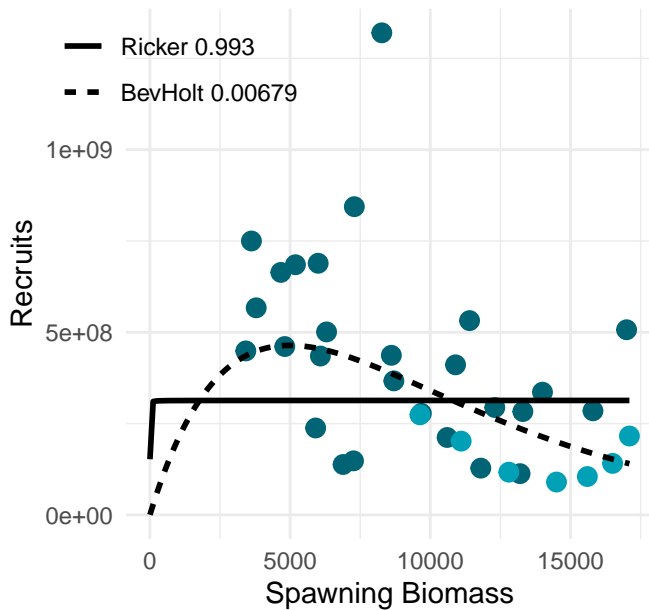
Cervimunida johni

Area ID: Chile-SUBPESCA-CH-CS

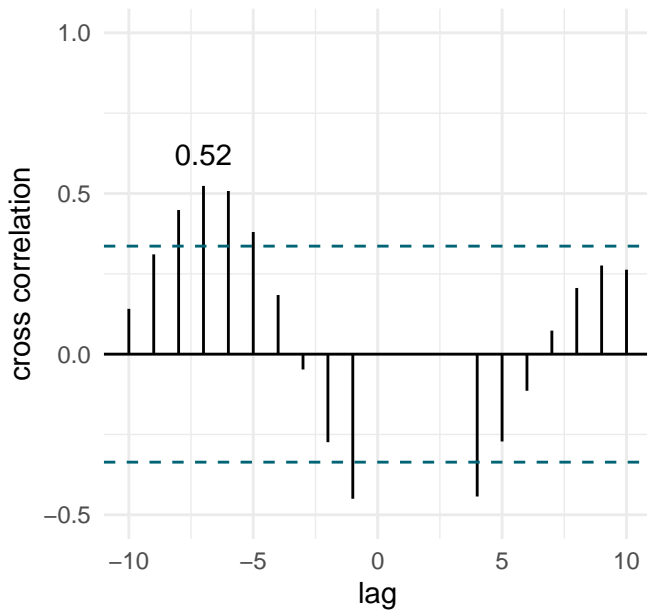
(a)



(b)



(c)

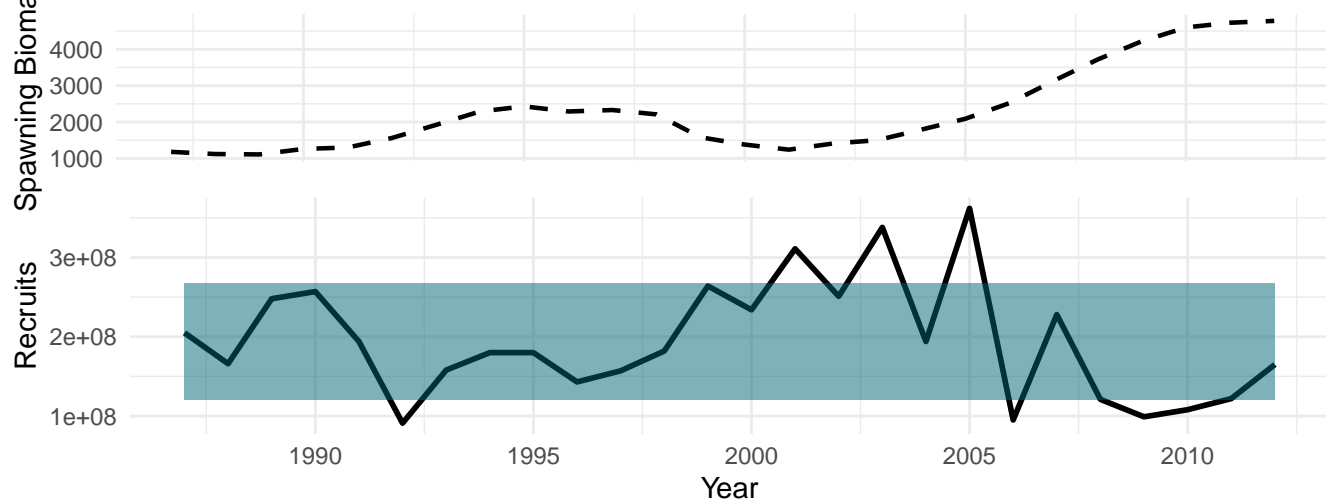


Yellow squat lobster

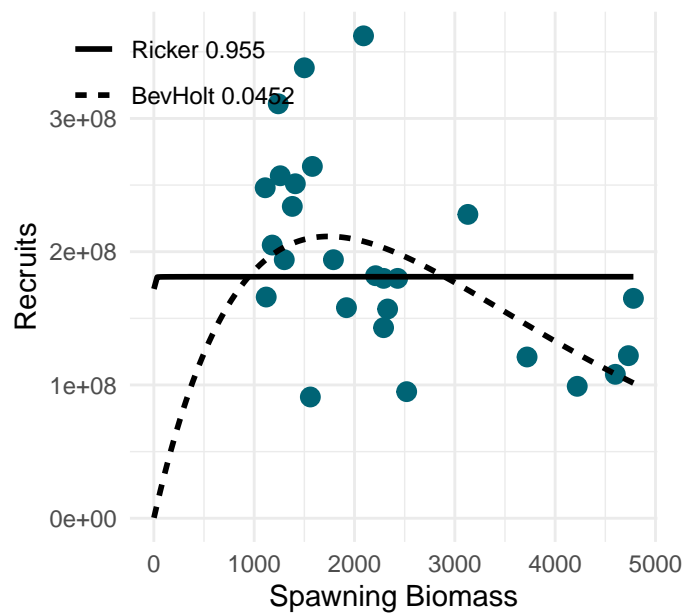
Cervimunida johni

Area ID: Chile-SUBPESCA-CH-N

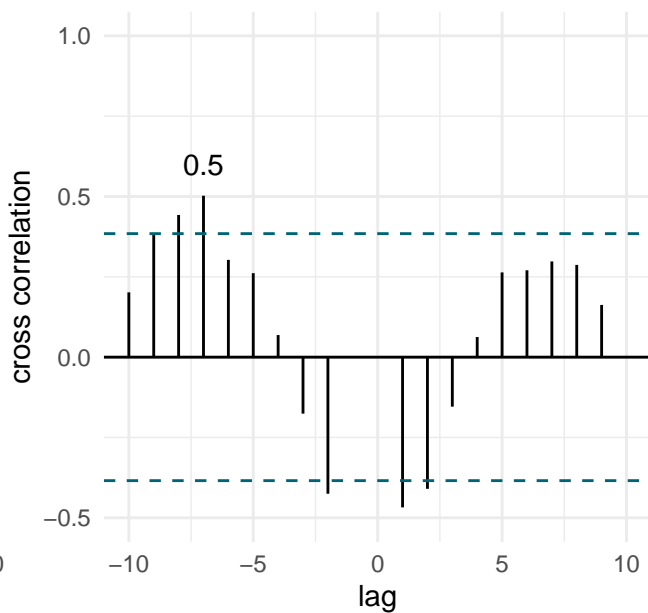
(a)



(b)



(c)

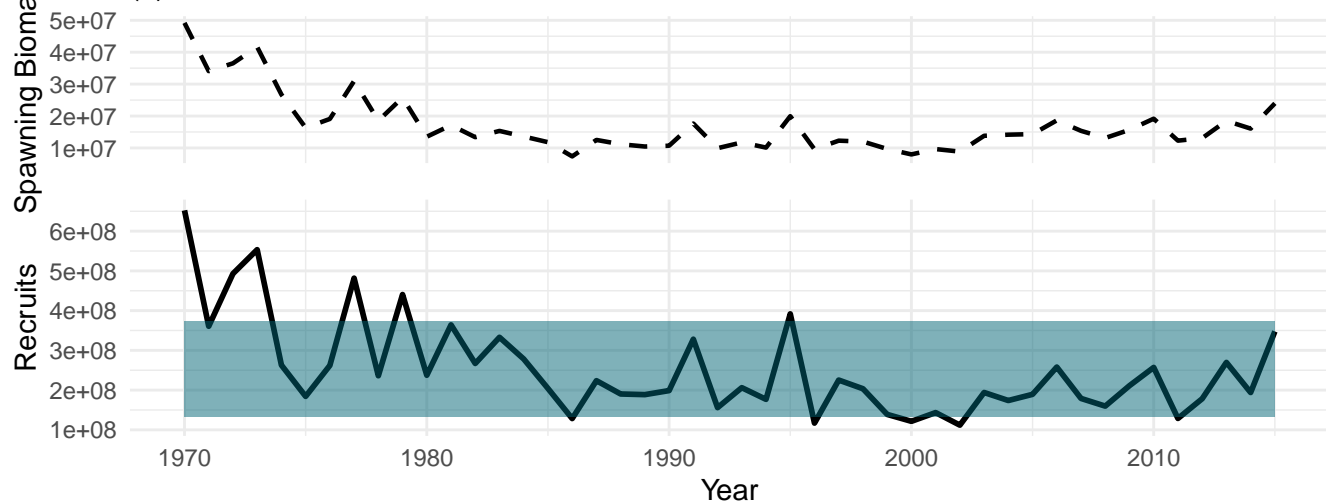


Brown tiger shrimp

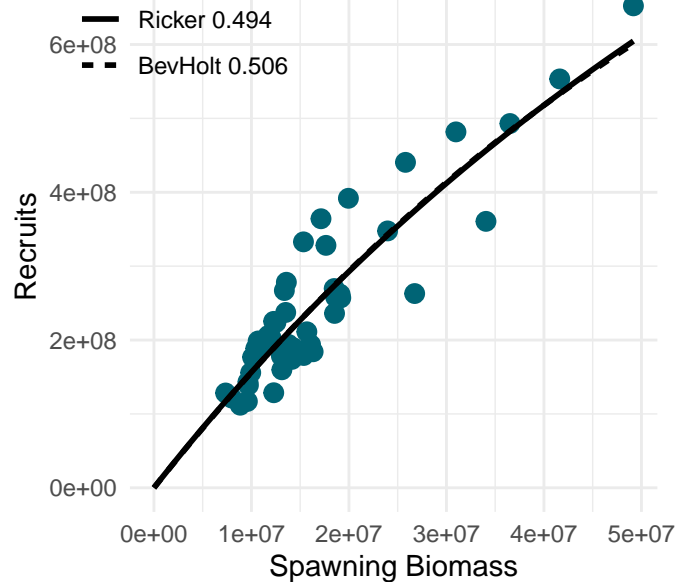
Penaeus esculentus

Area ID: Australia-AFMA-NAUST

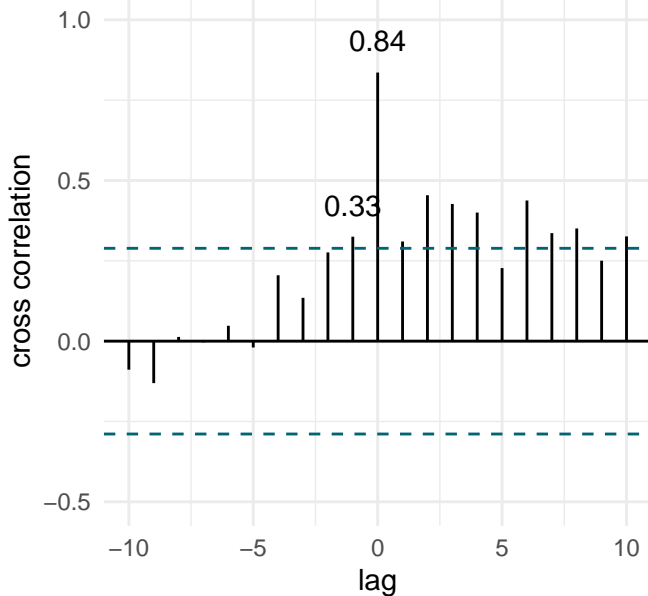
(a)



(b)



(c)

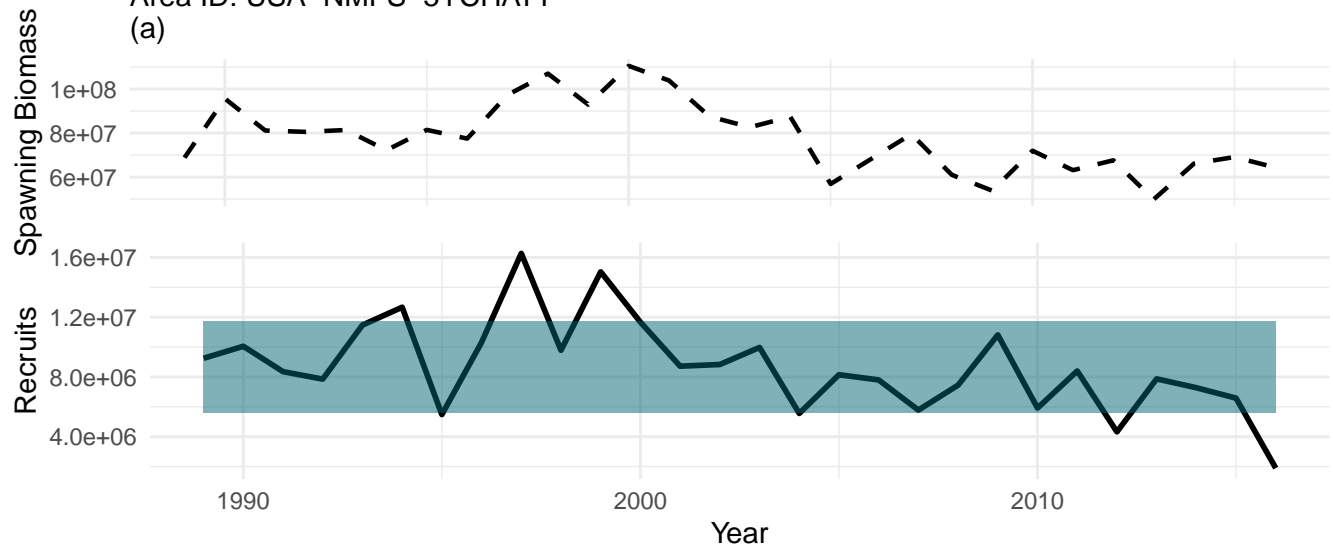


Atlantic butterfish

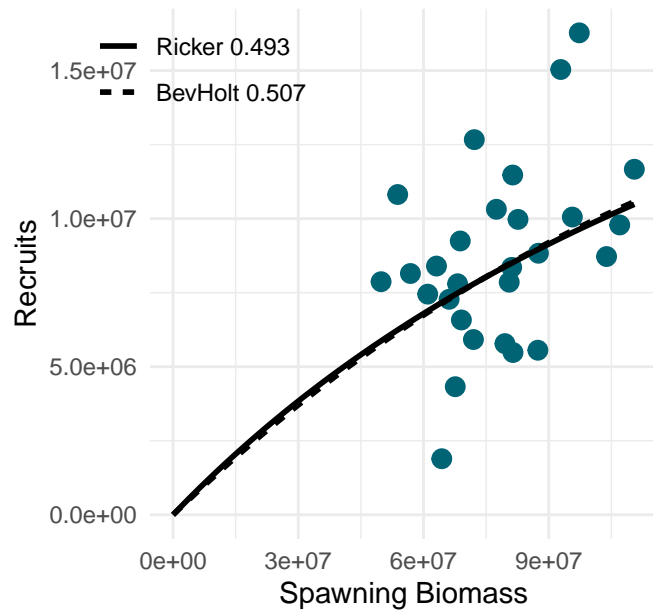
Peprilus triacanthus

Area ID: USA-NMFS-5YCHATT

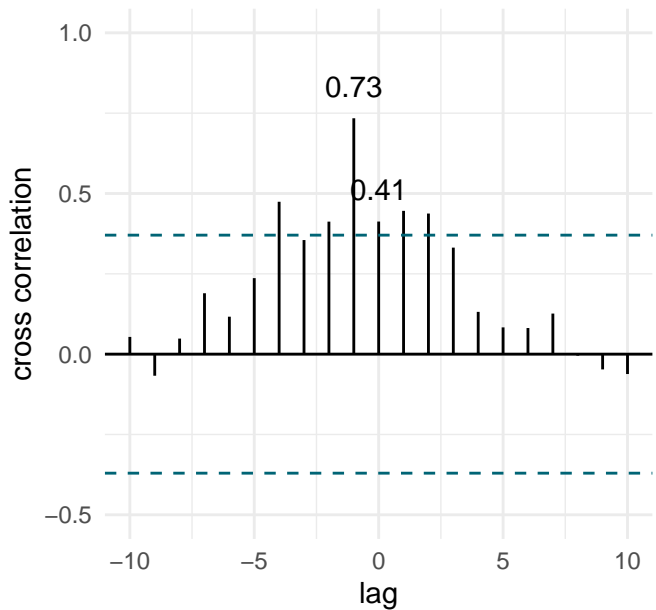
(a)



(b)



(c)

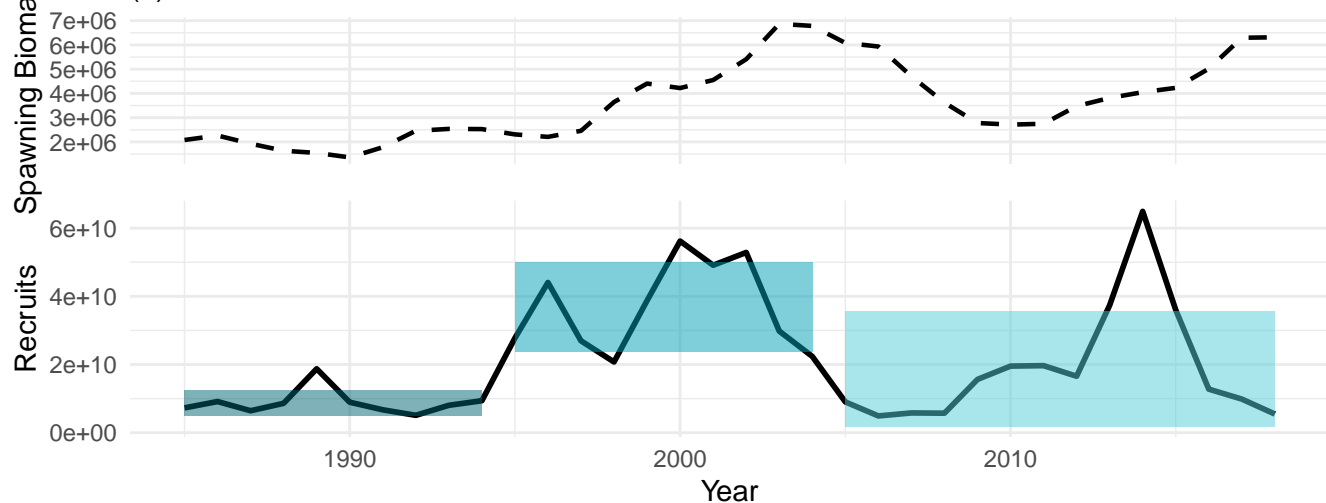


Blue whiting

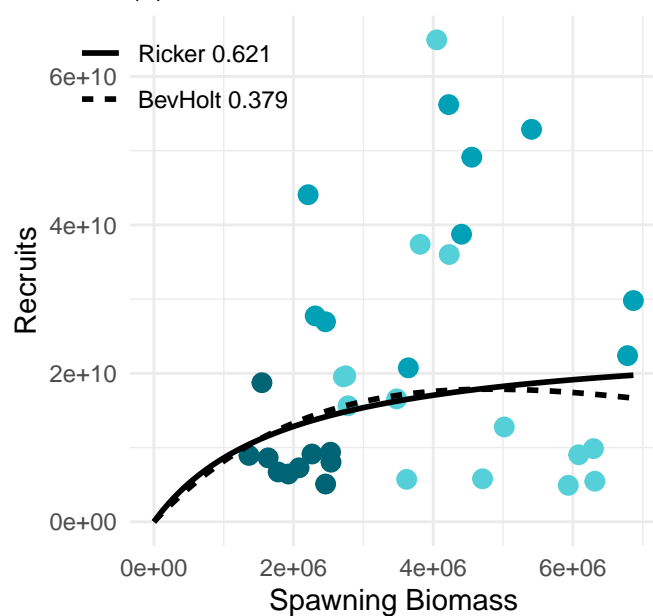
Micromesistius poutassou

Area ID: multinational-ICES-I-II-III-IV-V-VI-VII-VIII-IX-XII-XIV

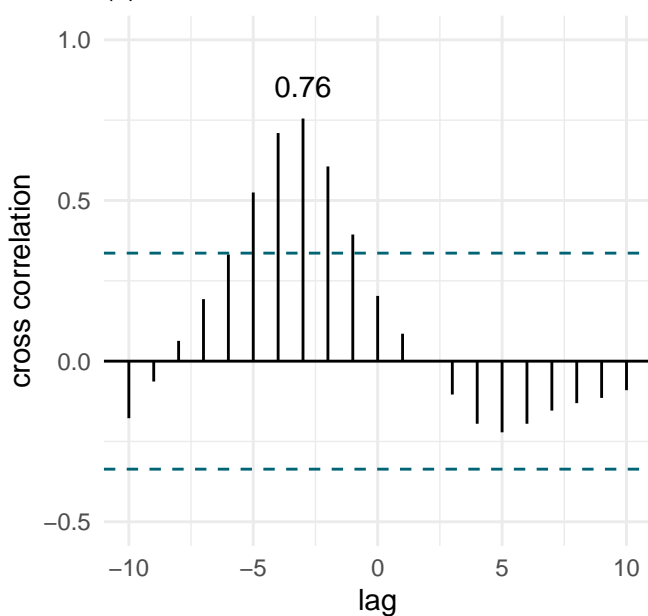
(a)



(b)



(c)

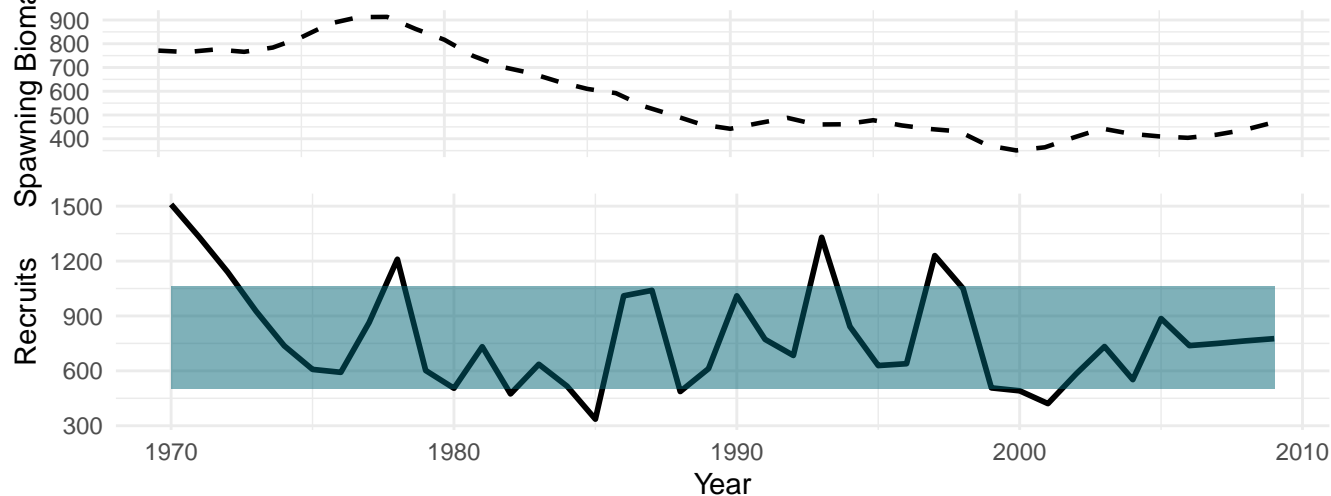


Cabezon

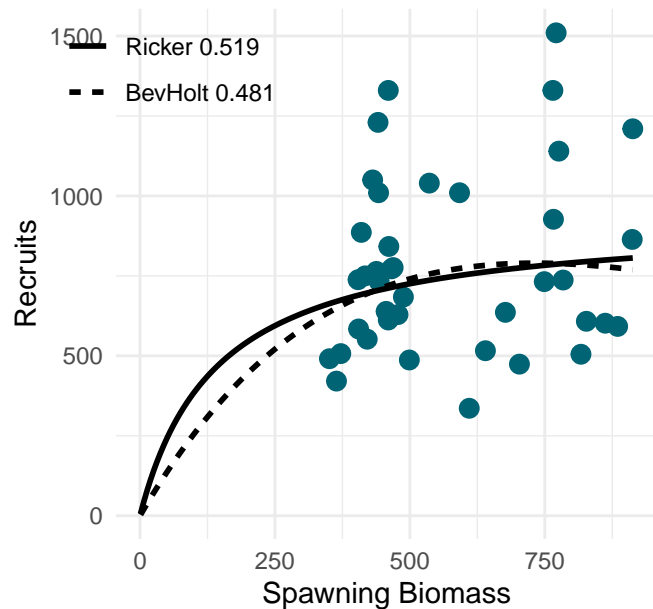
Scorpaenichthys marmoratus

Area ID: USA-NMFS-NCAL

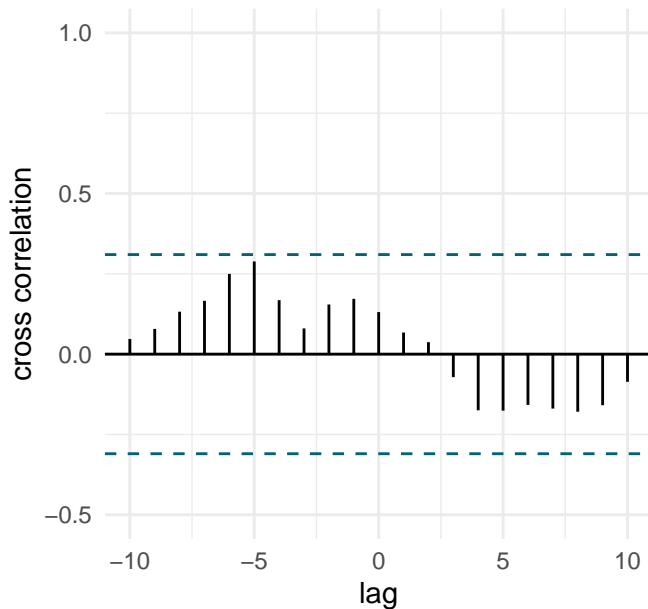
(a)



(b)



(c)

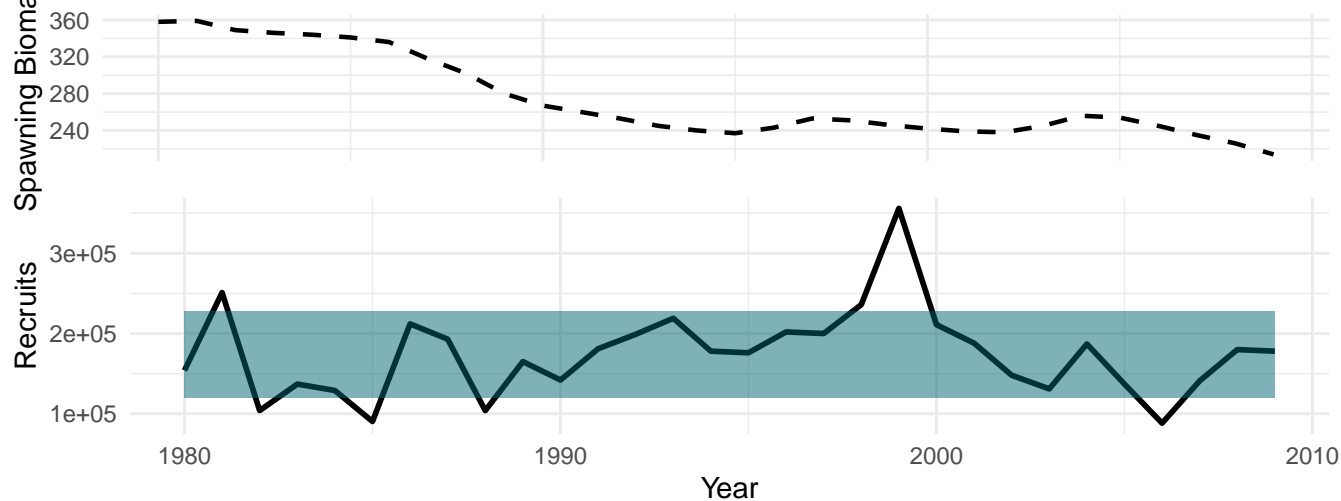


Cabezon

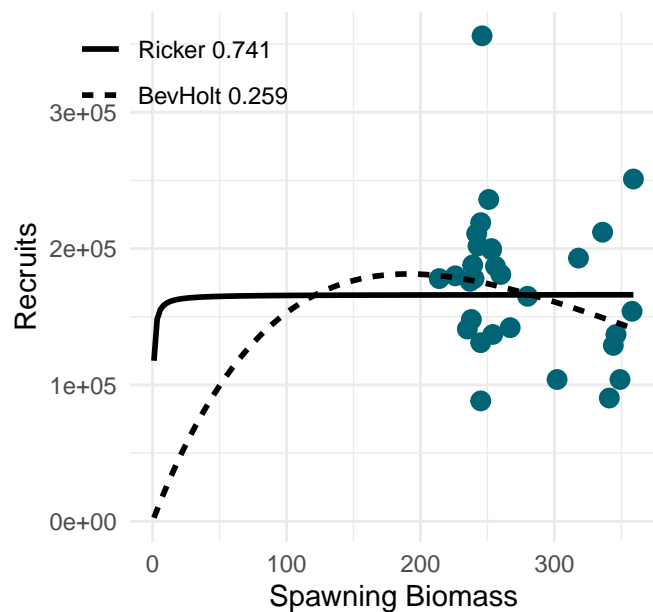
Scorpaenichthys marmoratus

Area ID: USA-NMFS-ORECOAST

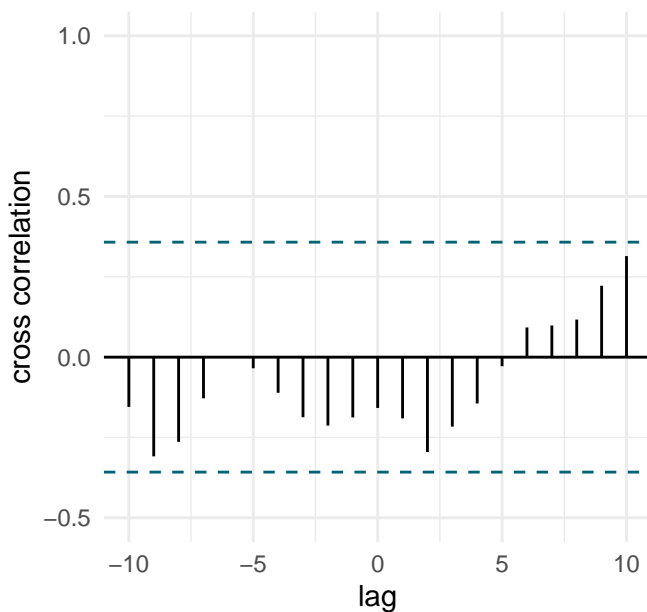
(a)



(b)



(c)

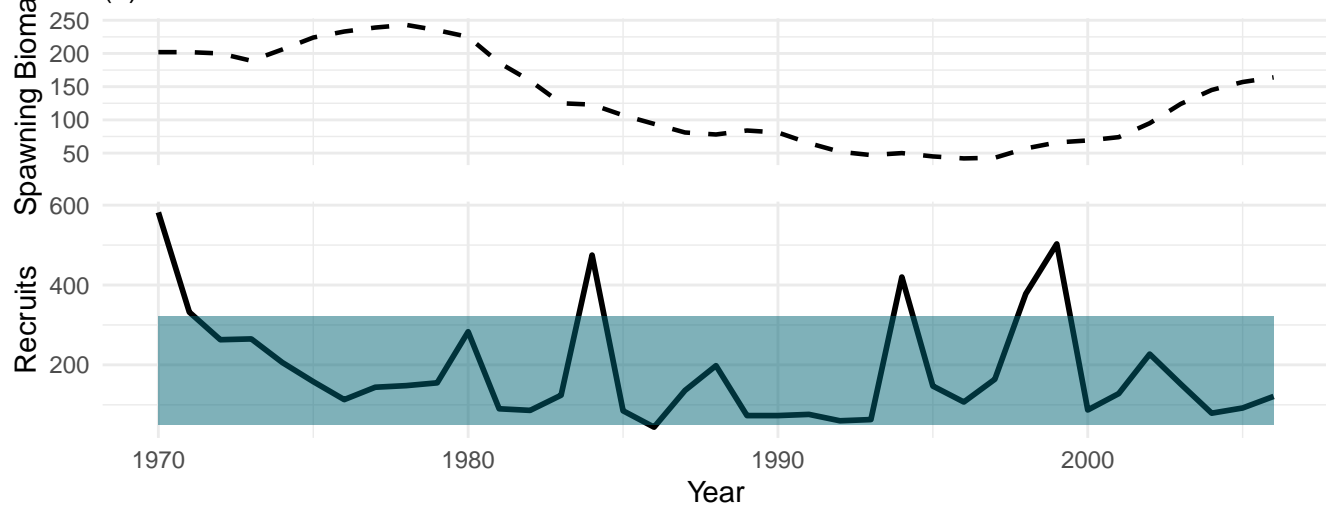


Cabezon

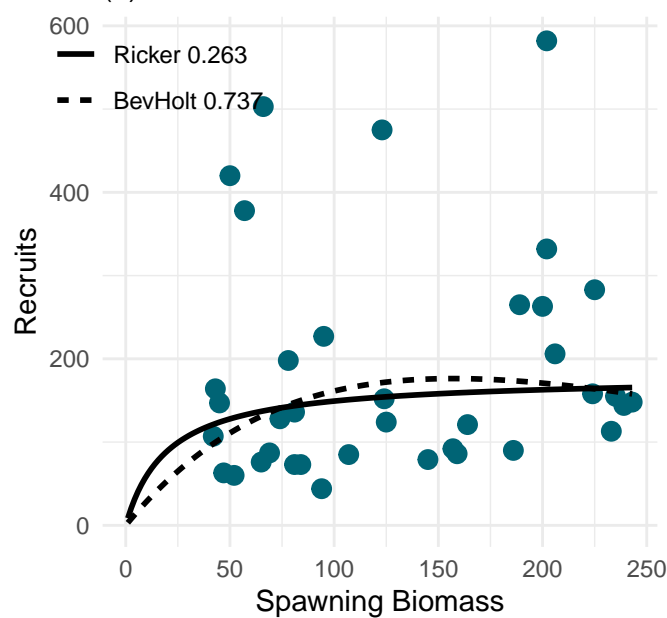
Scorpaenichthys marmoratus

Area ID: USA-NMFS-SCAL

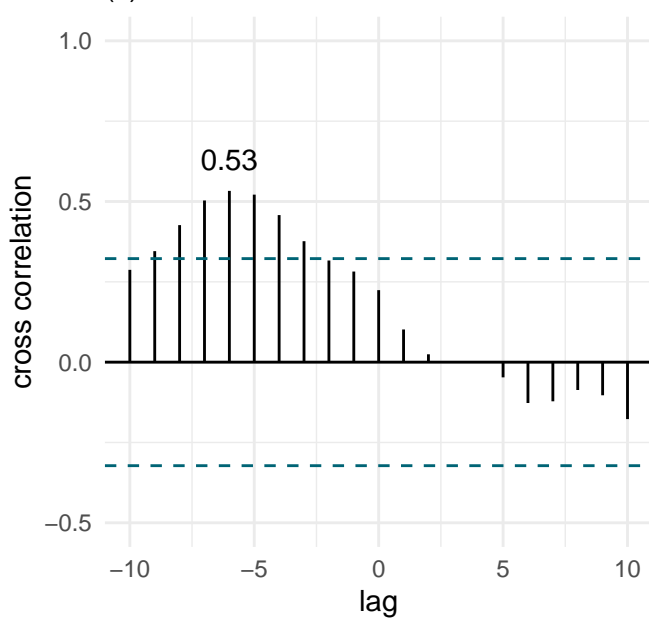
(a)



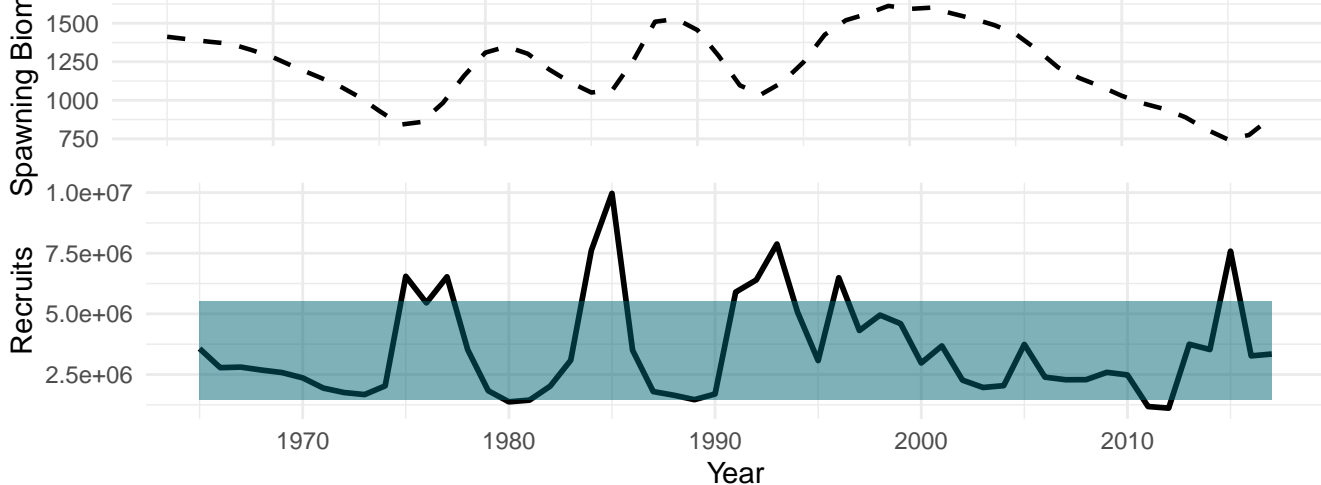
(b)



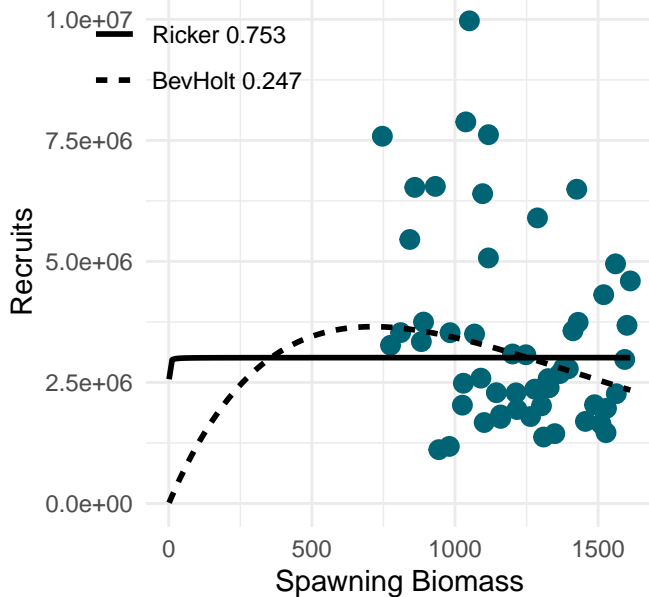
(c)



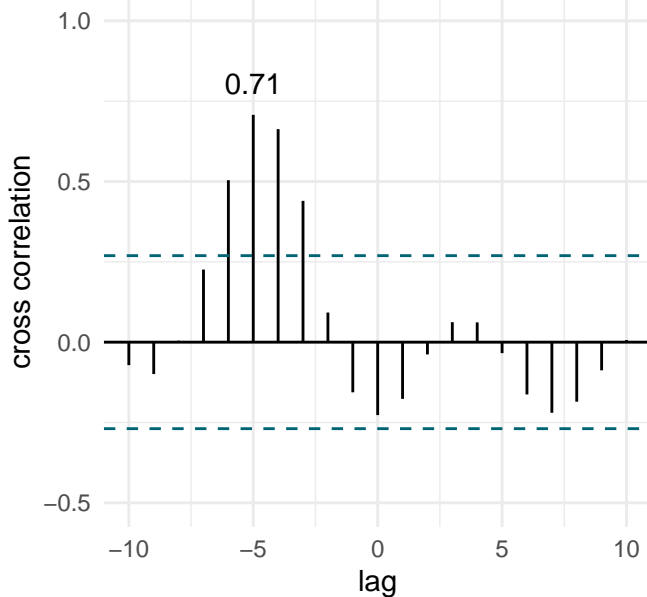
California scorpionfish
Scorpaena guttata
Area ID: USA-NMFS-SCAL
(a)



(b)



(c)

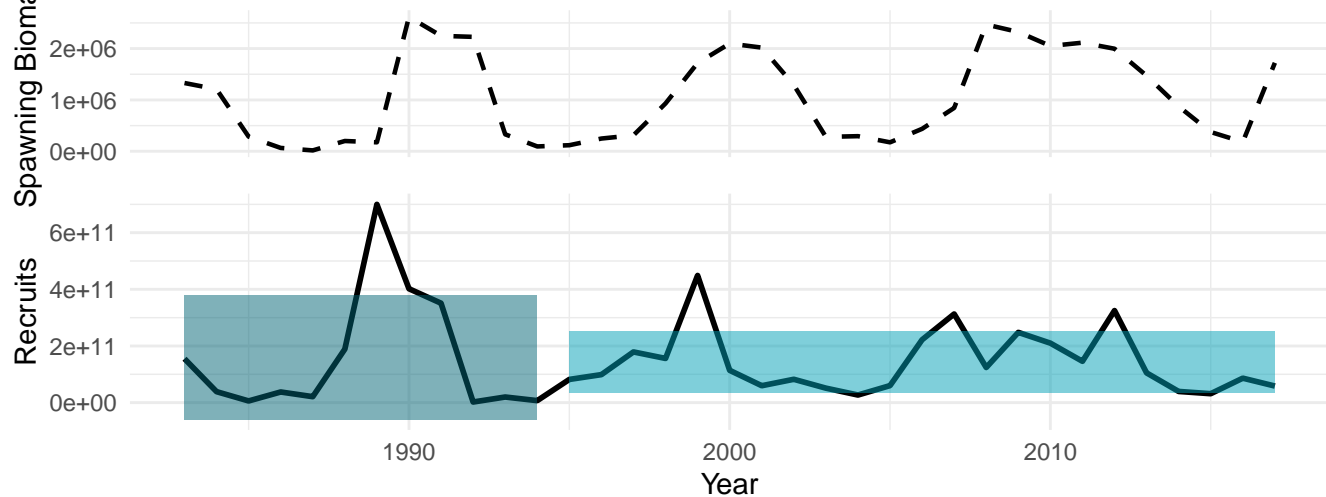


Capelin

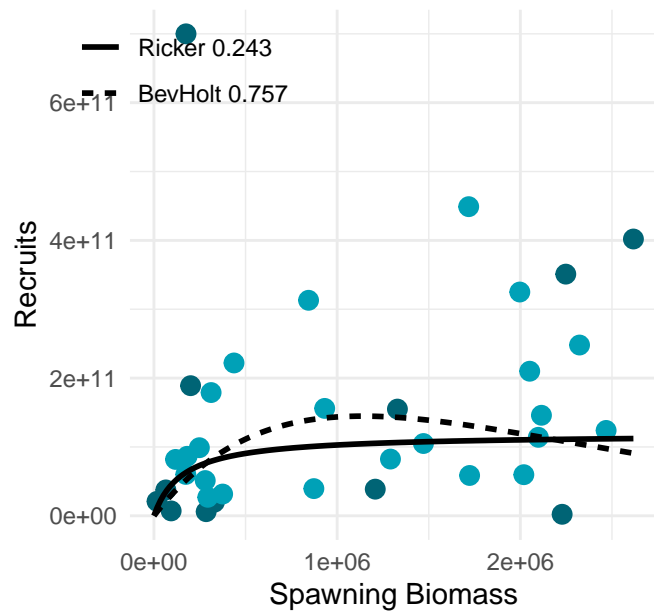
Mallotus villosus

Area ID: multinational-ICES-I

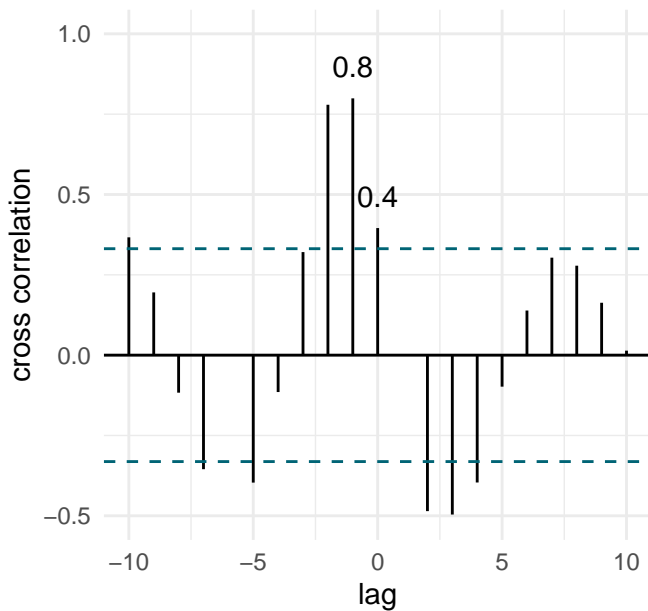
(a)



(b)



(c)

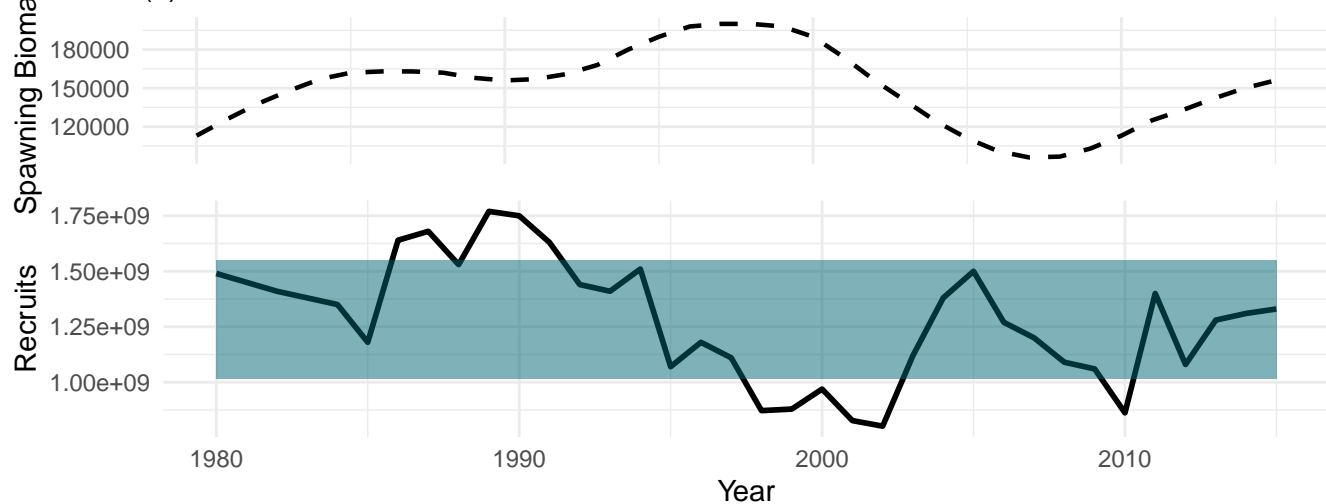


Shallow water cape hake

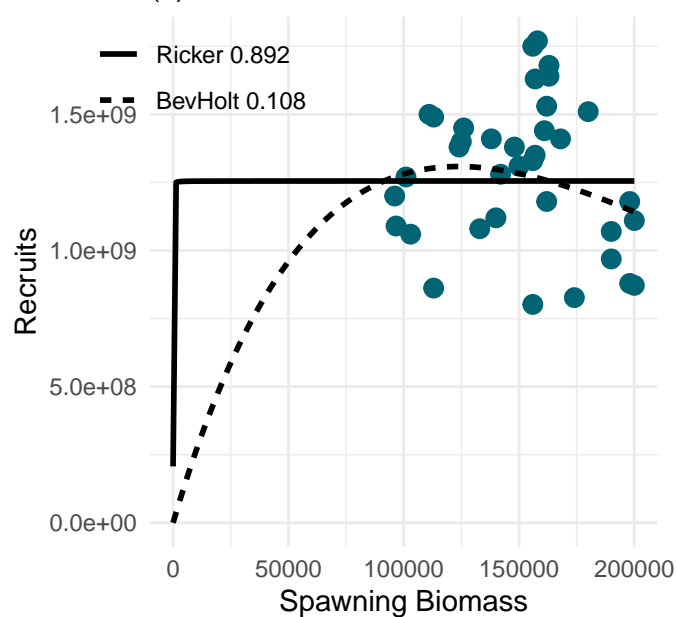
Merluccius capensis

Area ID: South Africa-DETMCM-SA

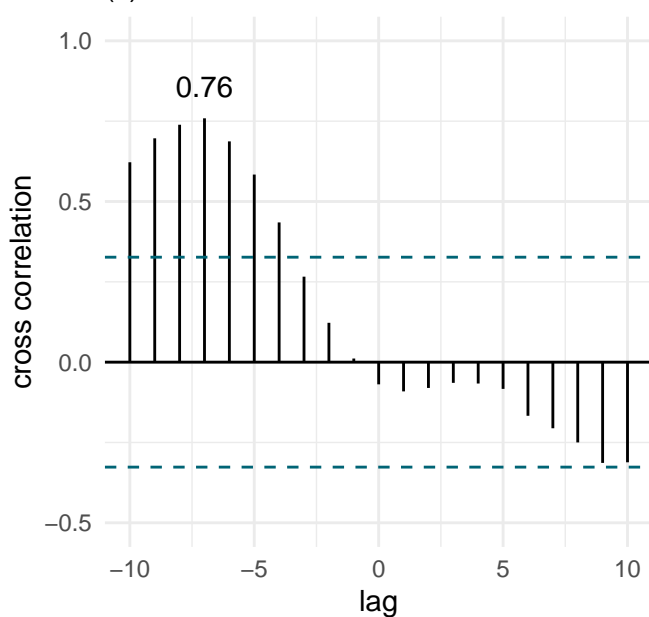
(a)



(b)



(c)

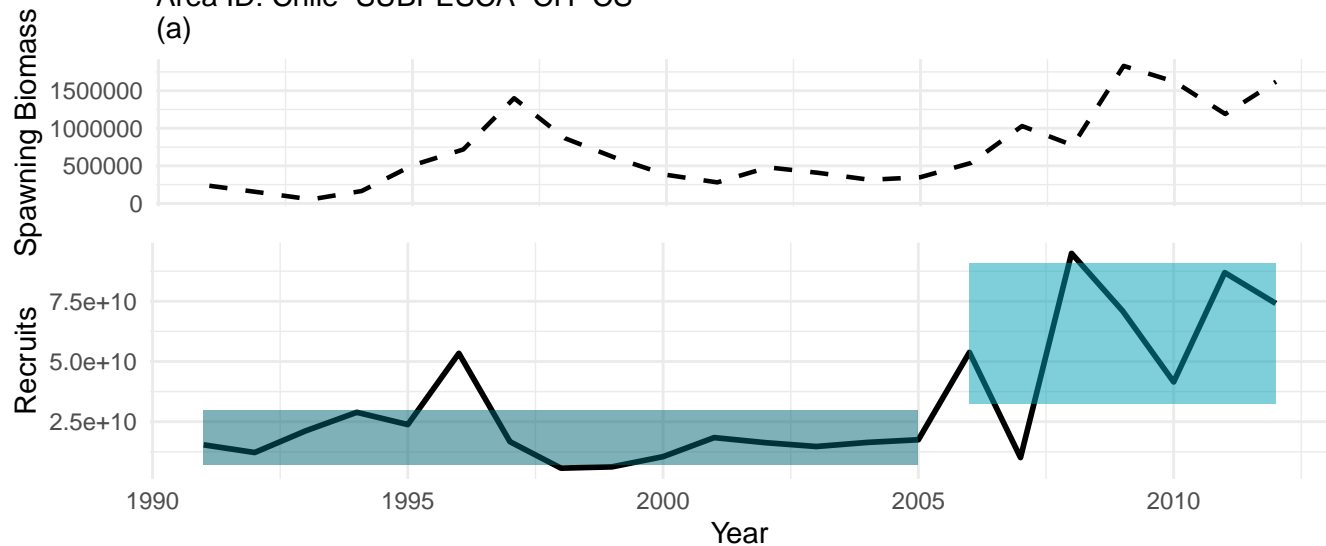


Chilean herring

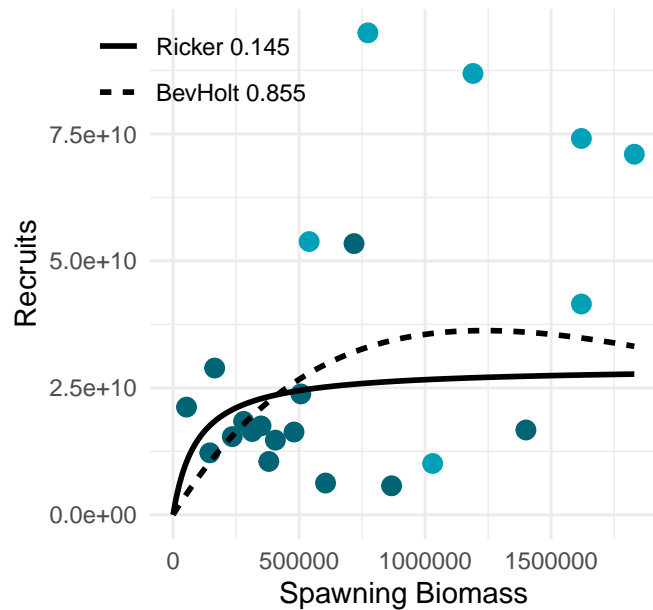
Clupea bentincki

Area ID: Chile-SUBPESCA-CH-CS

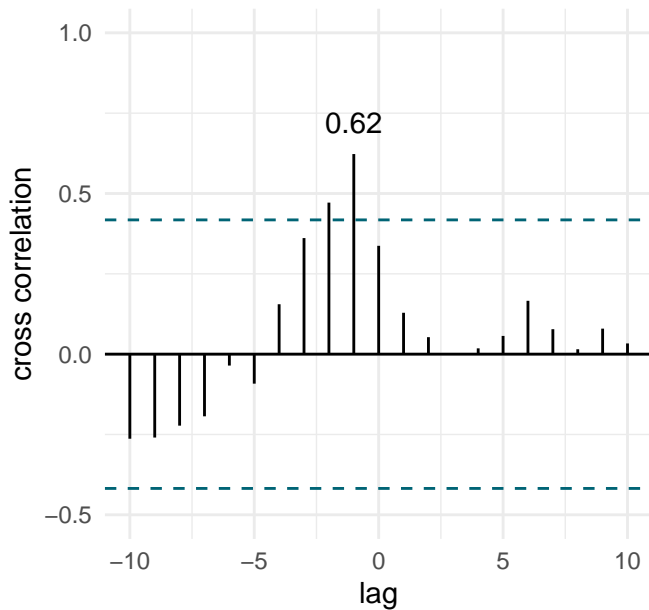
(a)



(b)



(c)

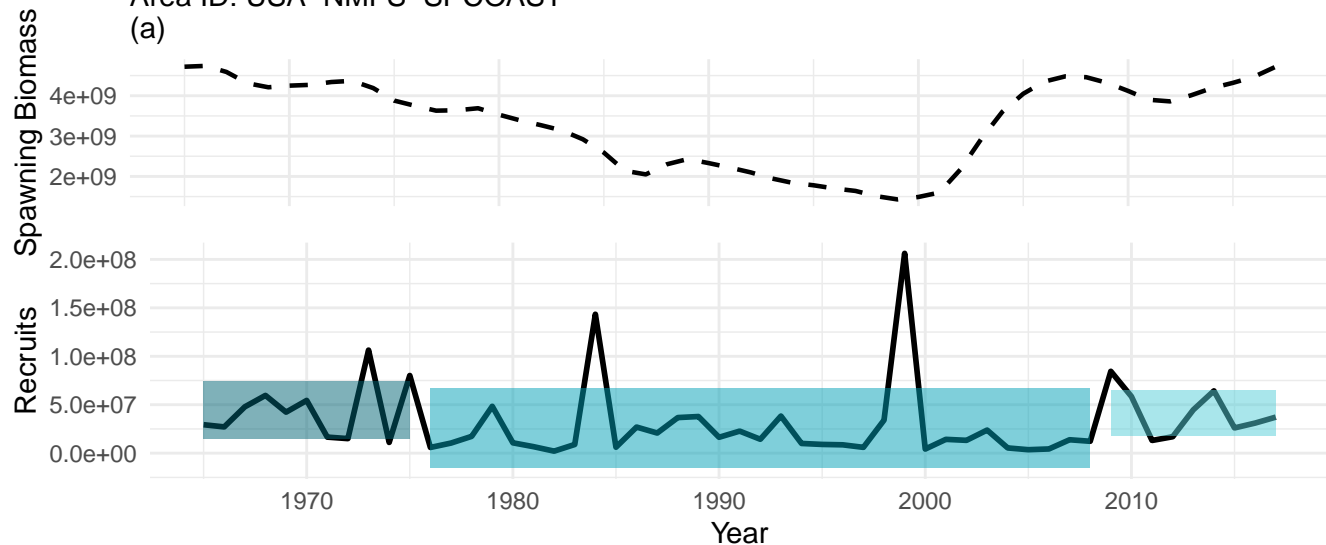


Chilipepper

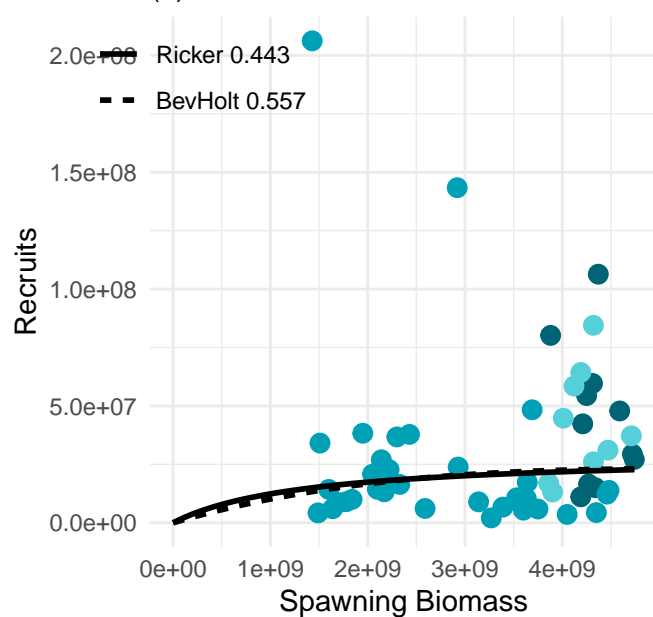
Sebastes goodei

Area ID: USA-NMFS-SPCOAST

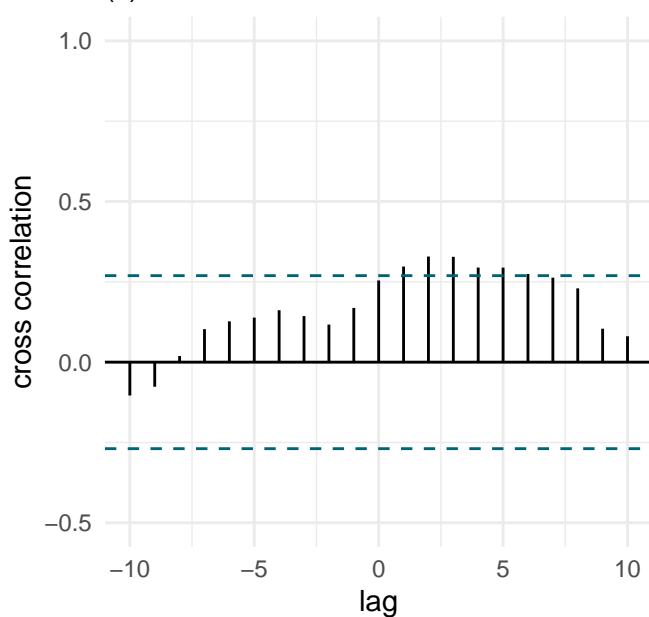
(a)



(b)



(c)

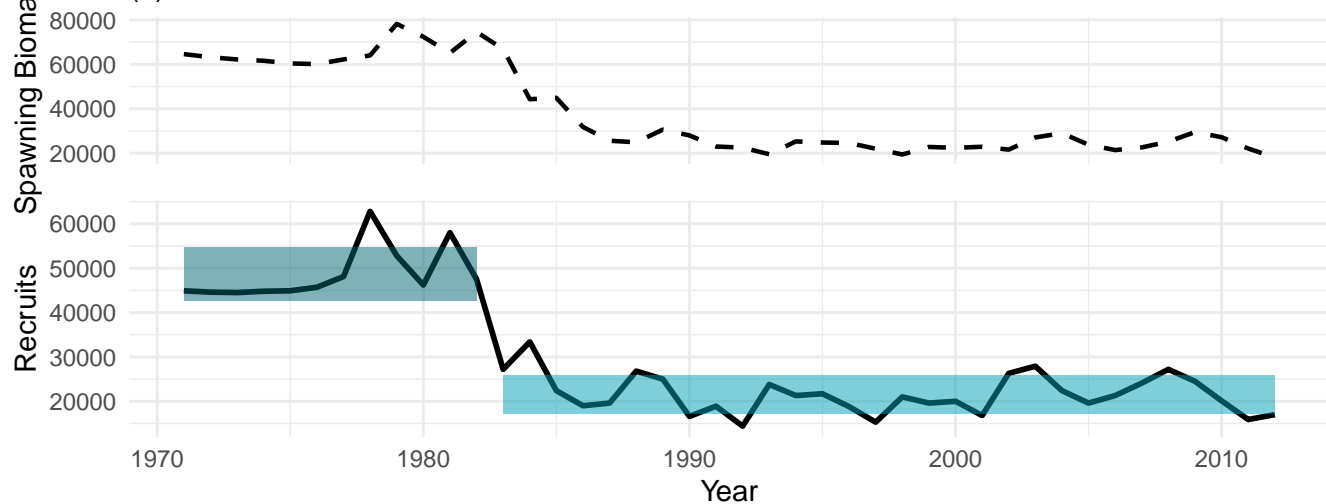


Cape Hope squid

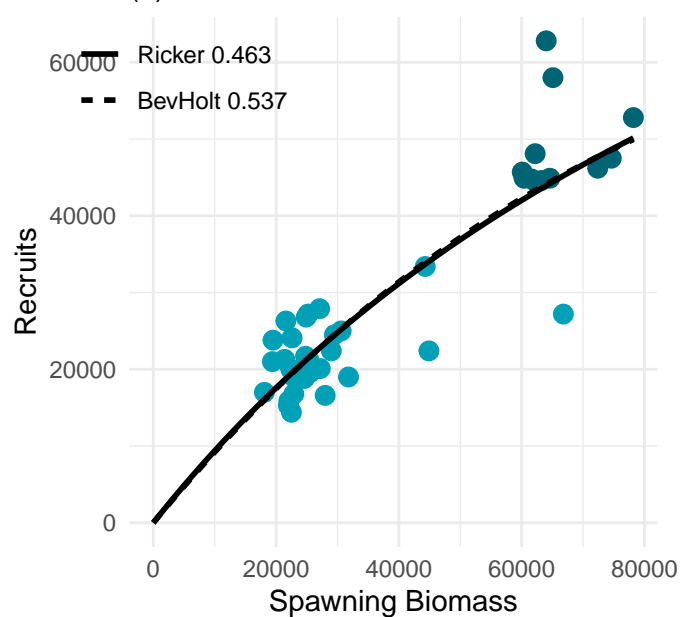
Loligo reynaudii

Area ID: South Africa–DETMCM–SA

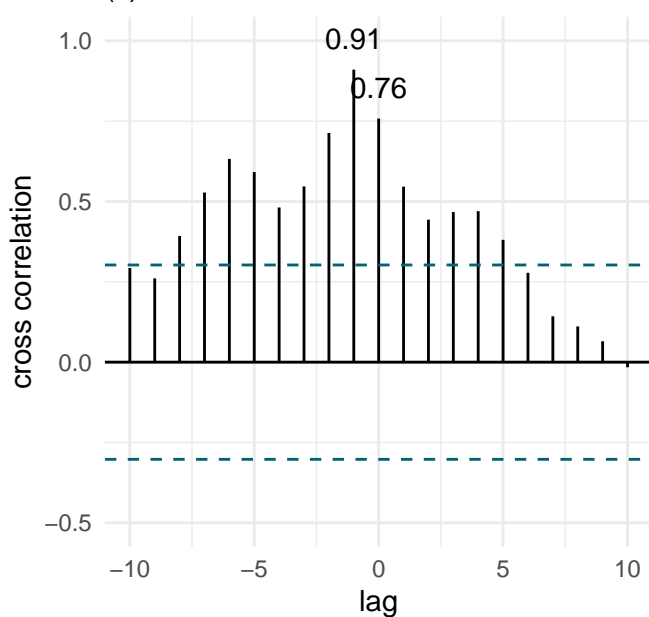
(a)



(b)



(c)

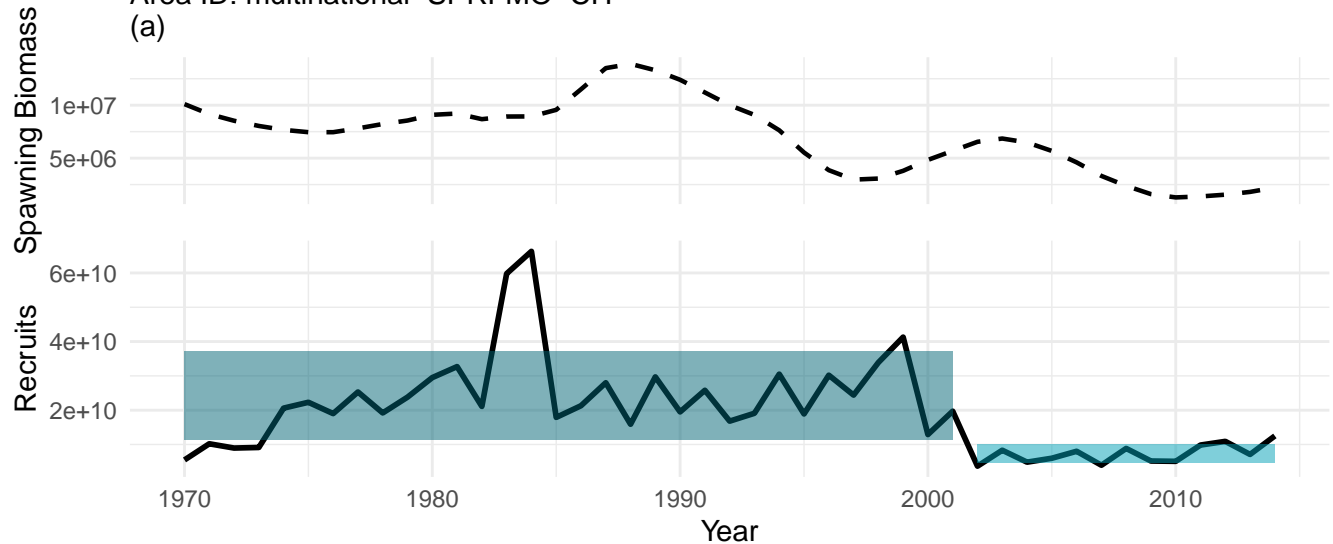


Chilean jack mackerel

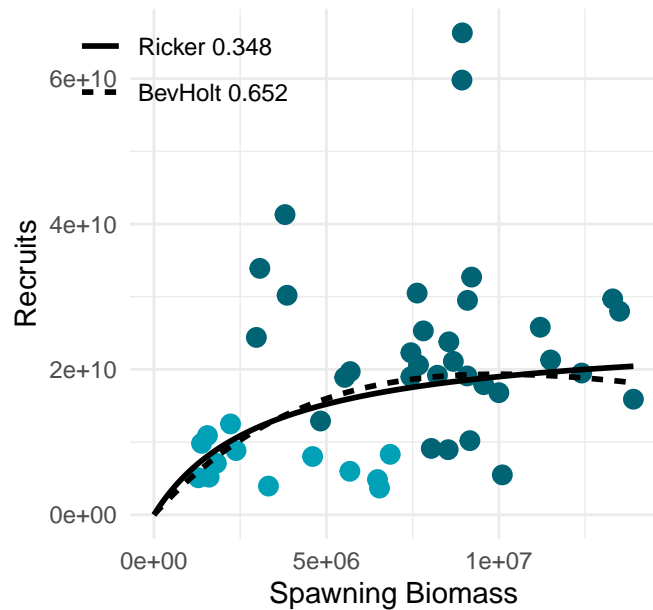
Trachurus murphyi

Area ID: multinational-SPRFMO-CH

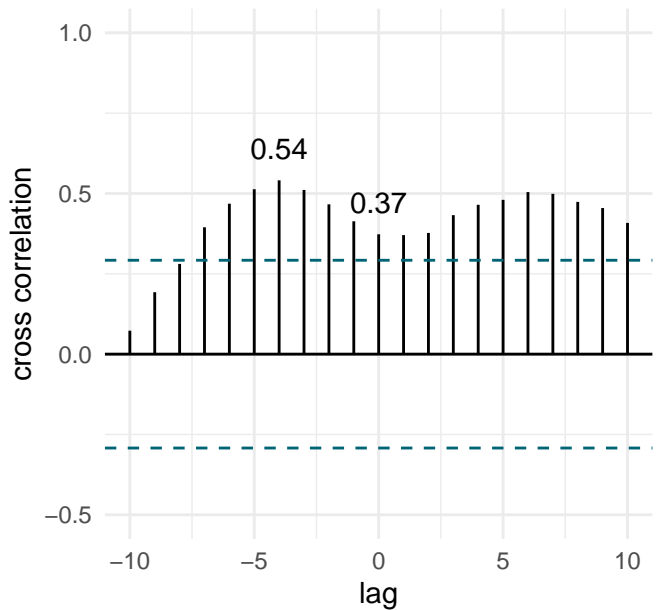
(a)



(b)



(c)

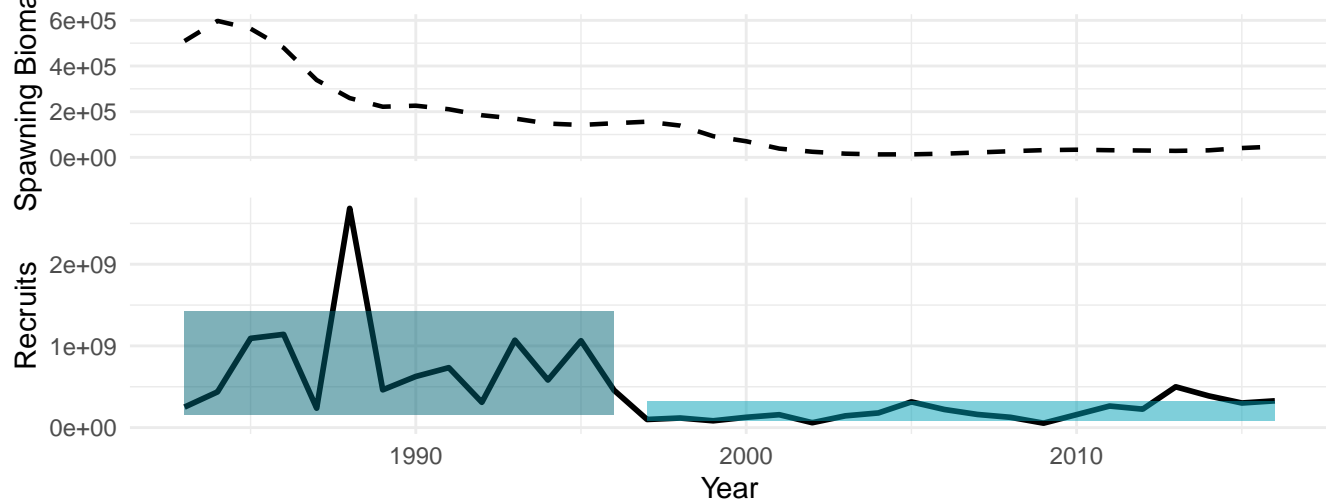


Pacific chub mackerel

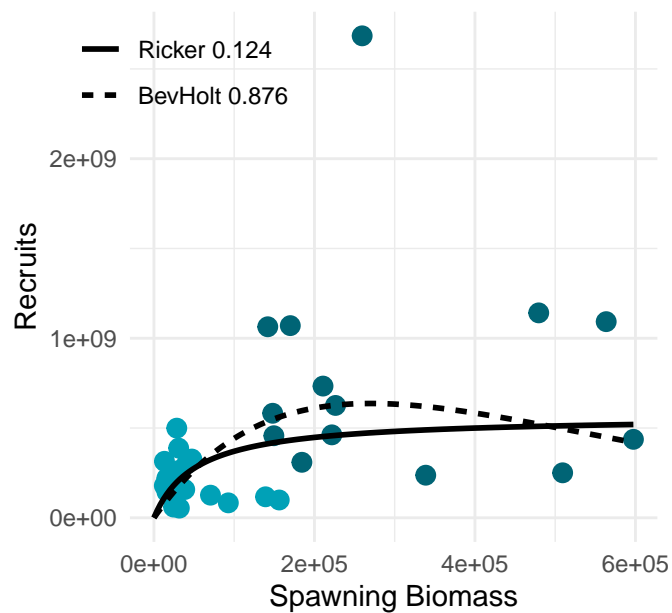
Scomber japonicus

Area ID: USA-NMFS-PCOAST

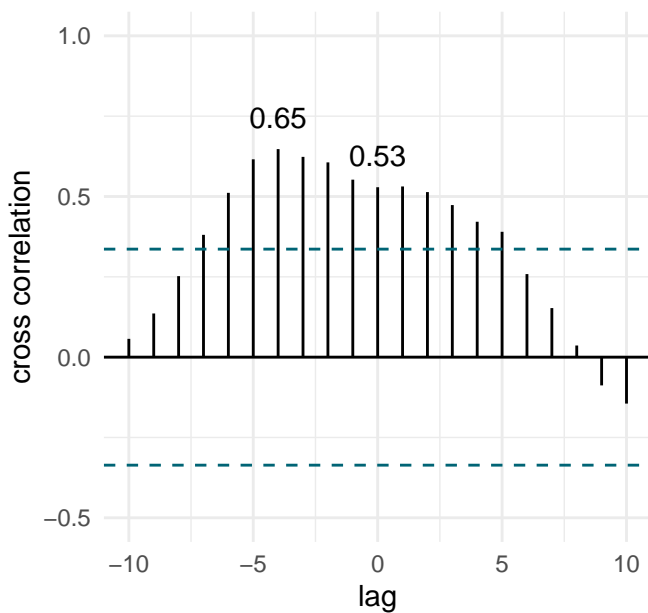
(a)



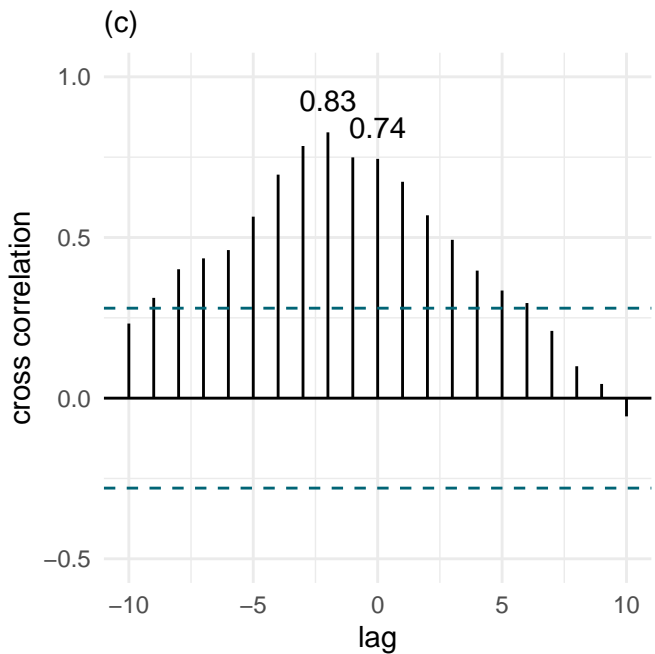
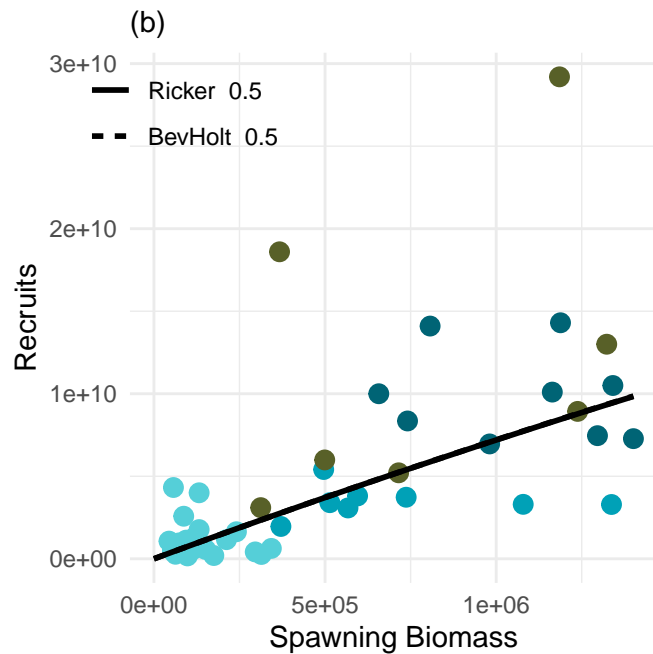
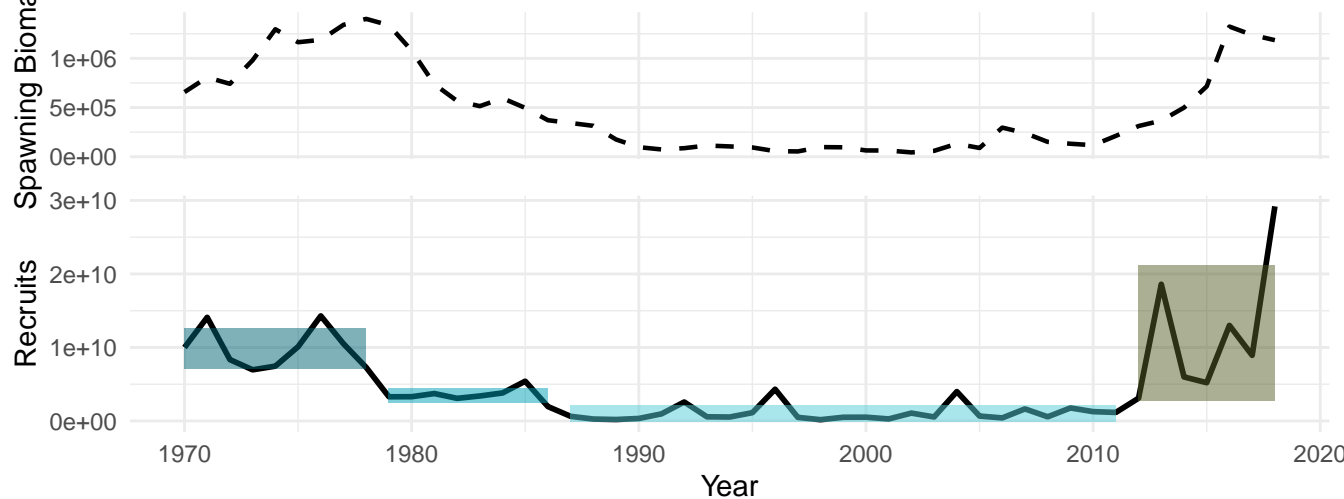
(b)



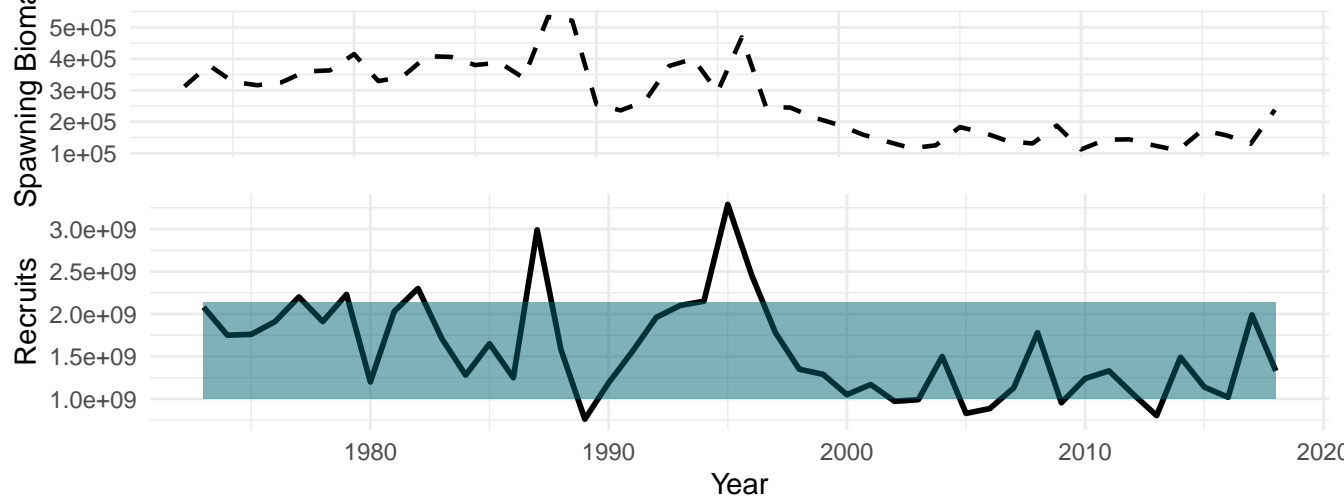
(c)



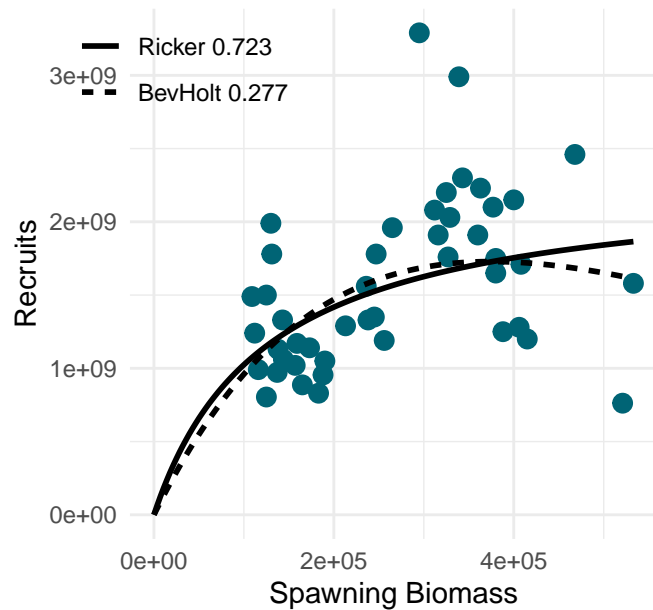
Chub mackerel
Scomber japonicus
Area ID: Japan-FAJ-PJPN
(a)



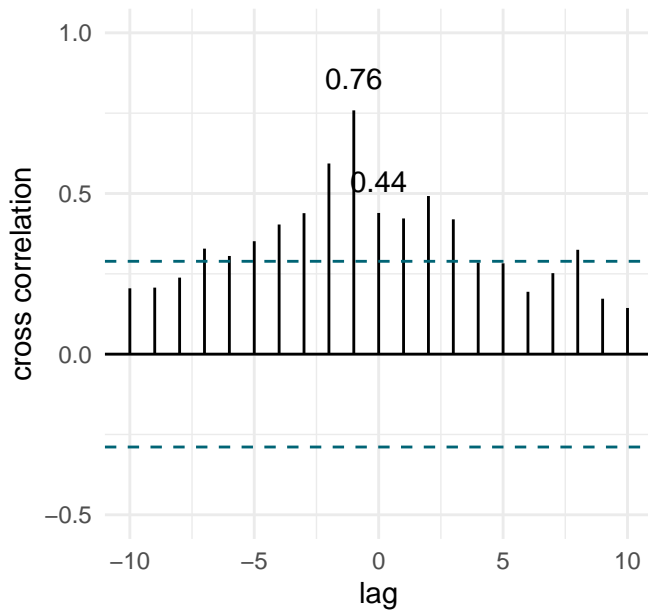
Chub mackerel
Scomber japonicus
Area ID: Japan-FAJ-TSST
(a)



(b)

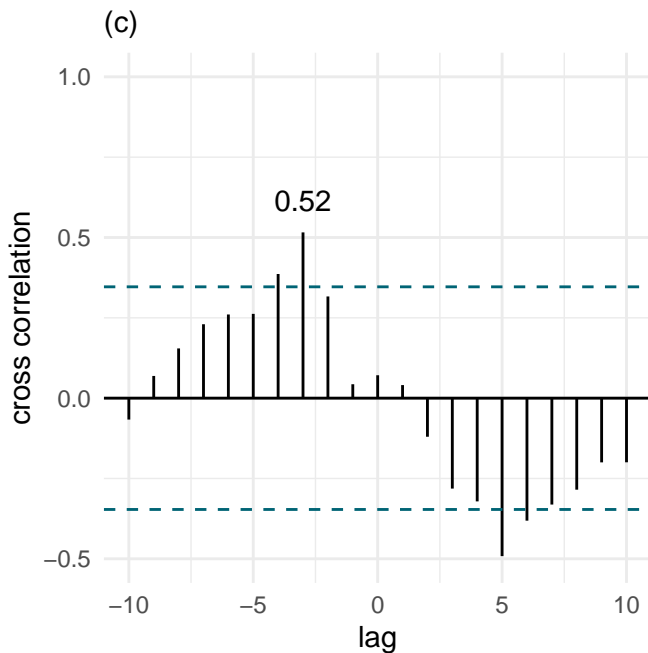
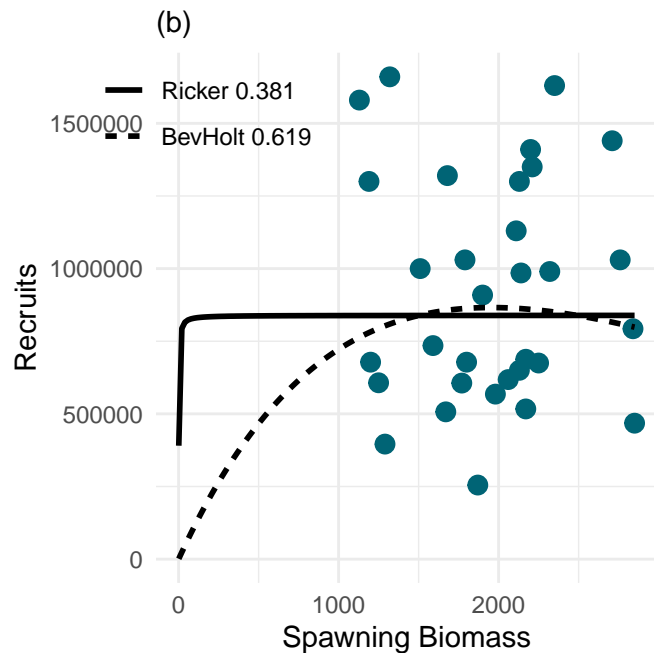
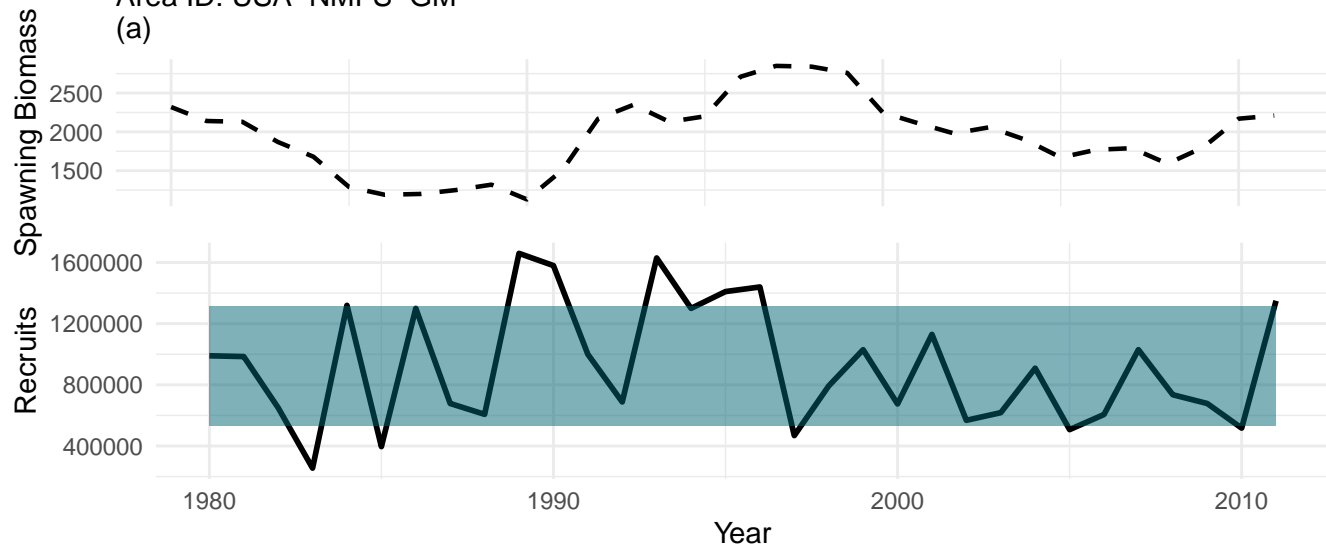


(c)



Cobia

Rachycentron canadum
Area ID: USA-NMFS-GM
(a)

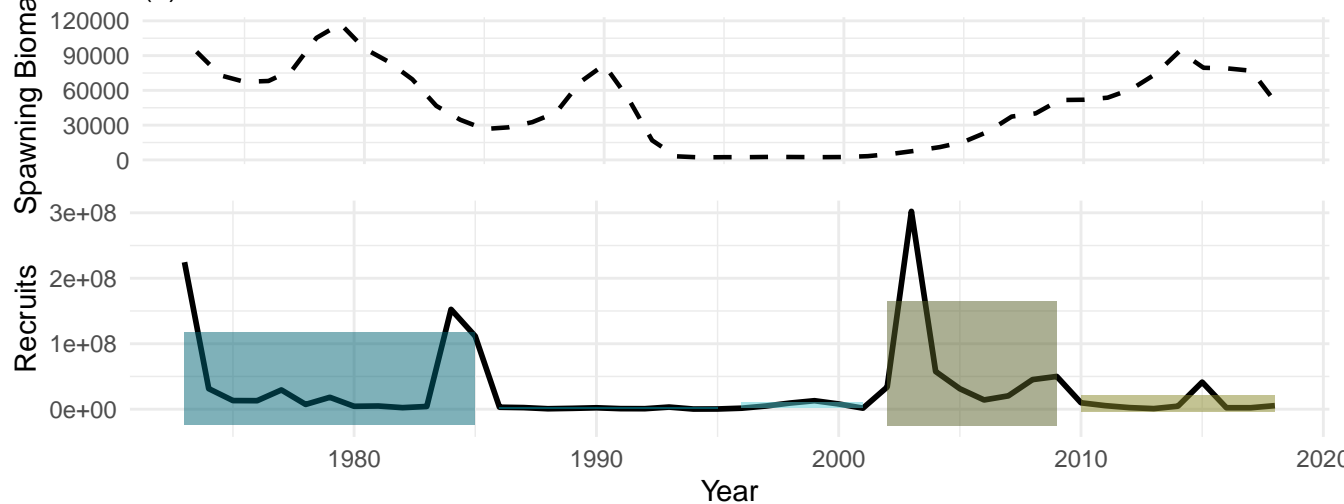


Atlantic cod

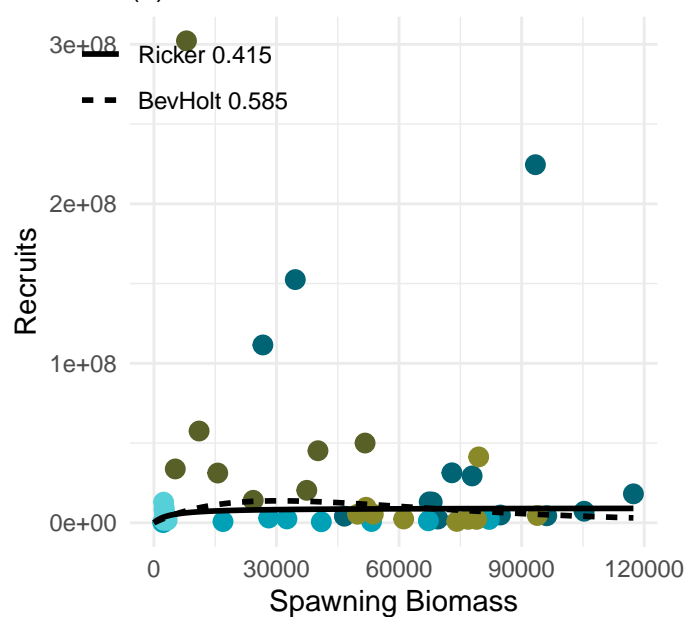
Gadus morhua

Area ID: multinational-ICES-1F-XIV

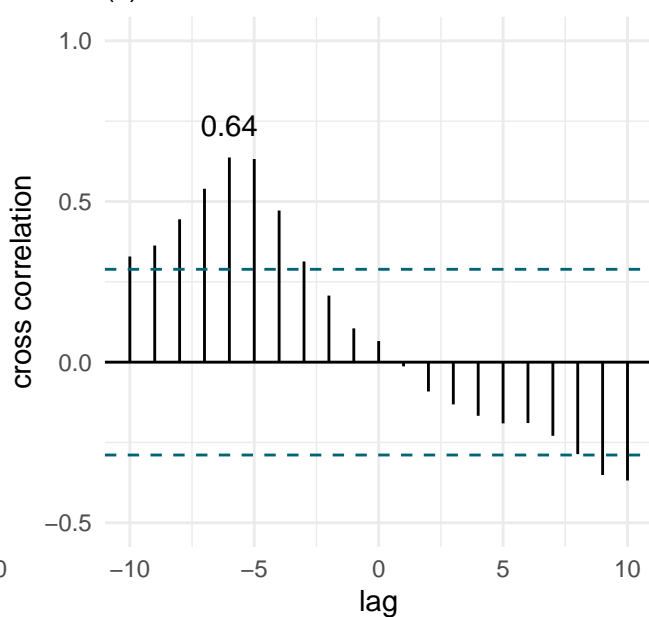
(a)



(b)



(c)

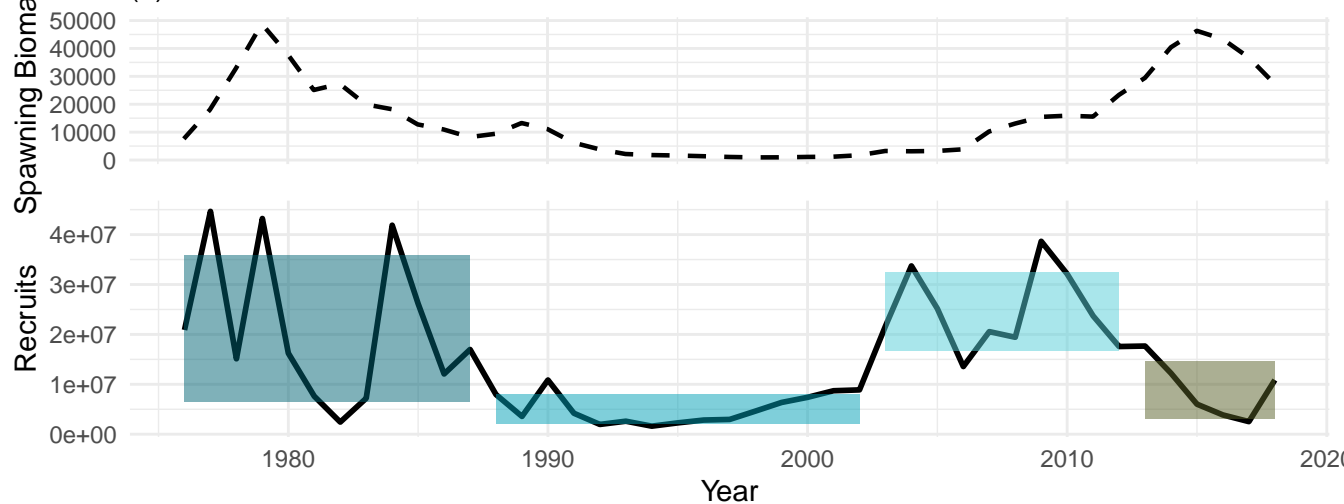


Atlantic cod

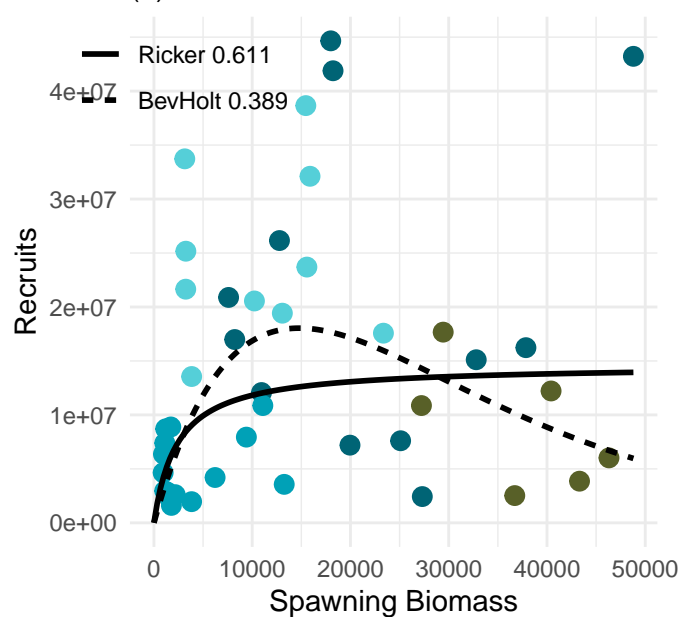
Gadus morhua

Area ID: multinational-ICES-1IN

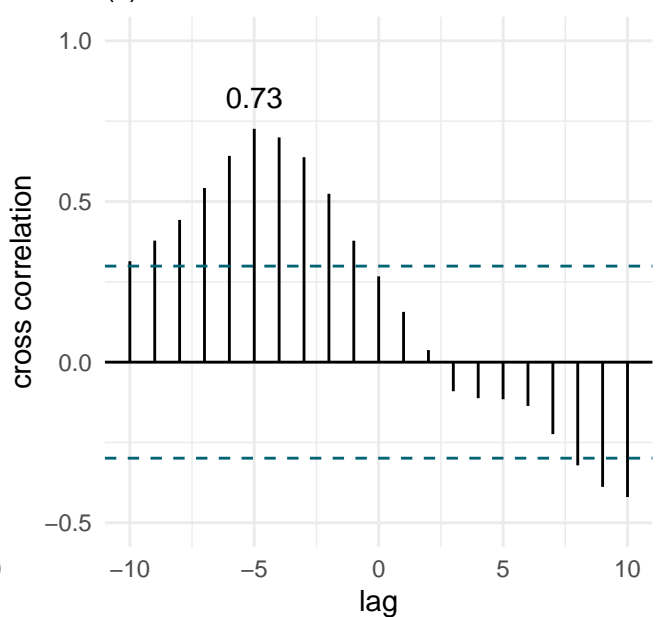
(a)



(b)



(c)

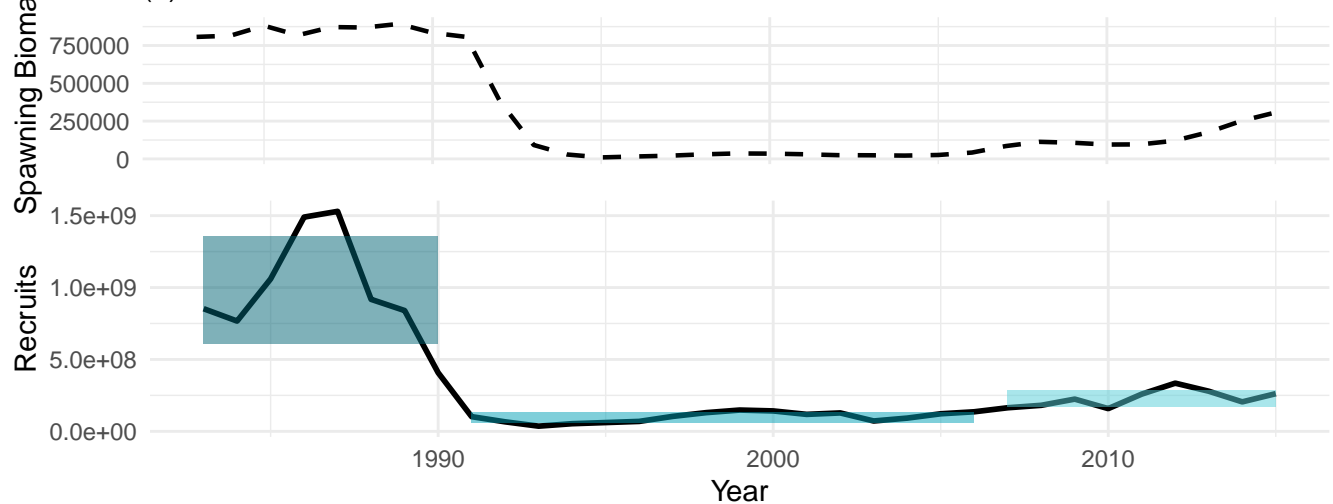


Atlantic cod

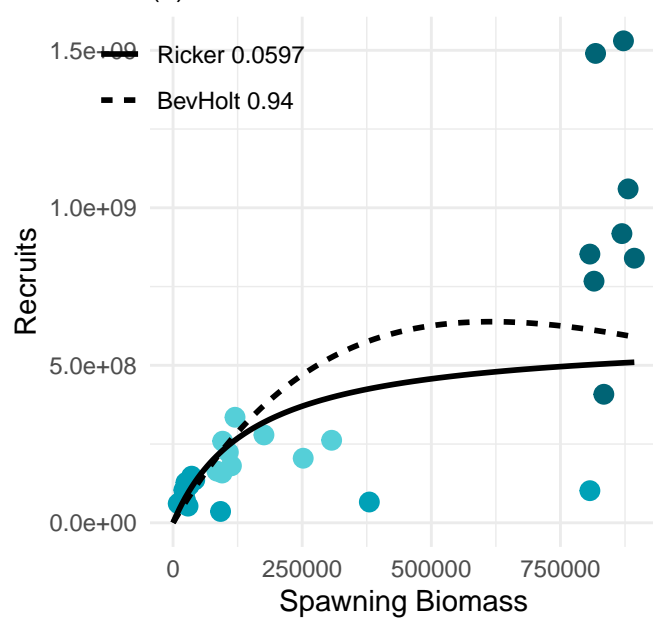
Gadus morhua

Area ID: Canada-DFO-2J3KL

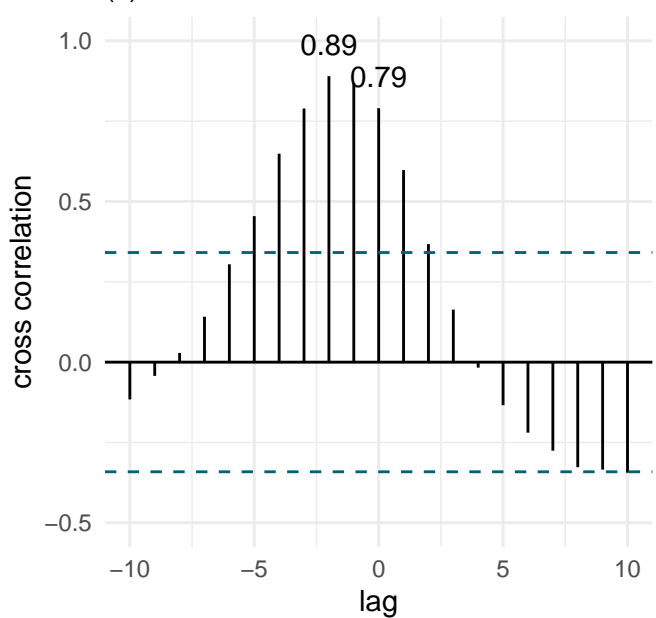
(a)



(b)



(c)

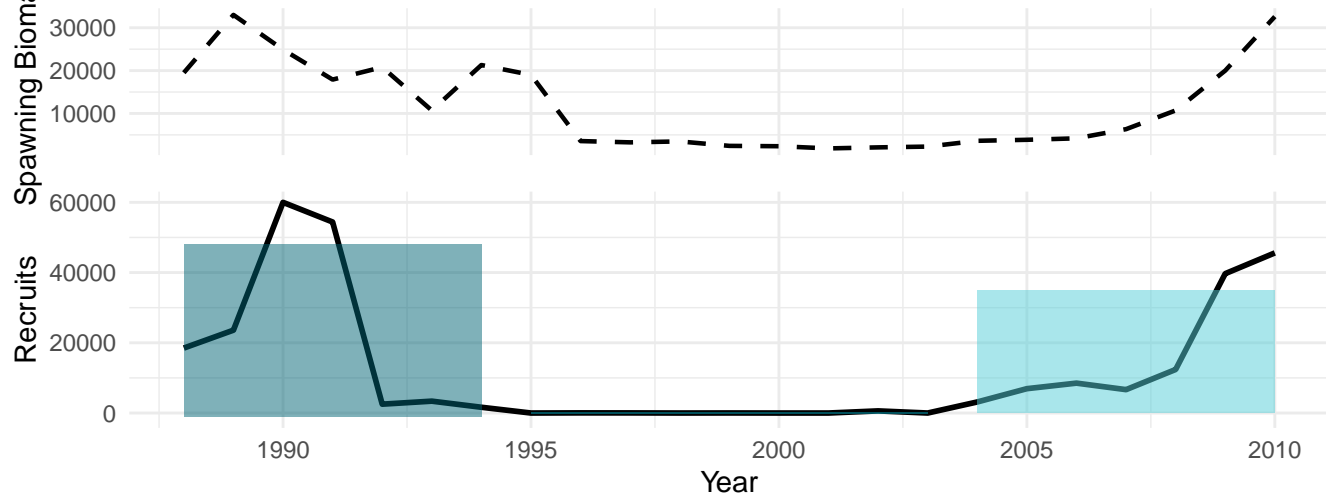


Atlantic cod

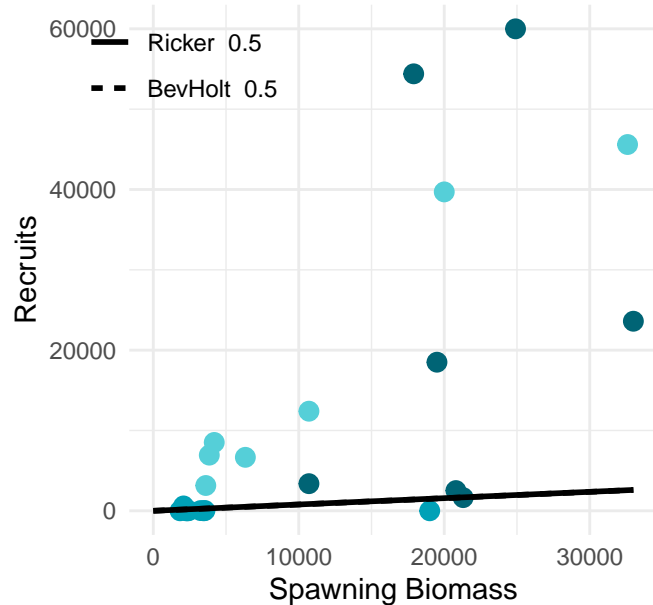
Gadus morhua

Area ID: multinational-NAFO-3M

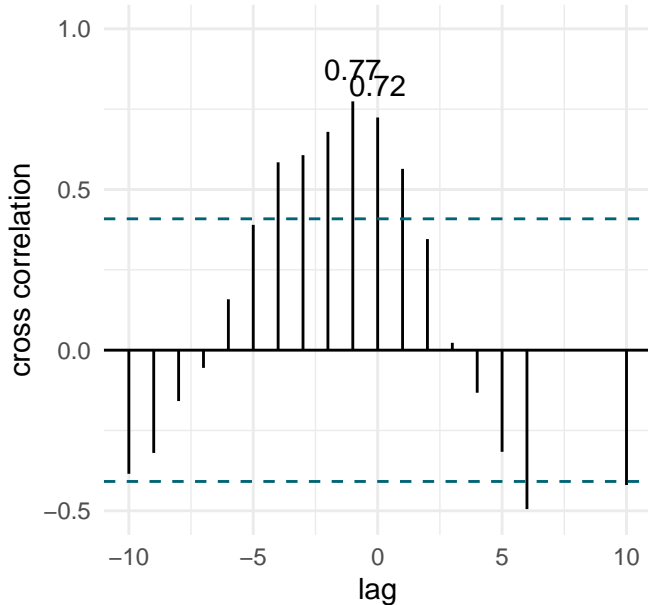
(a)



(b)



(c)

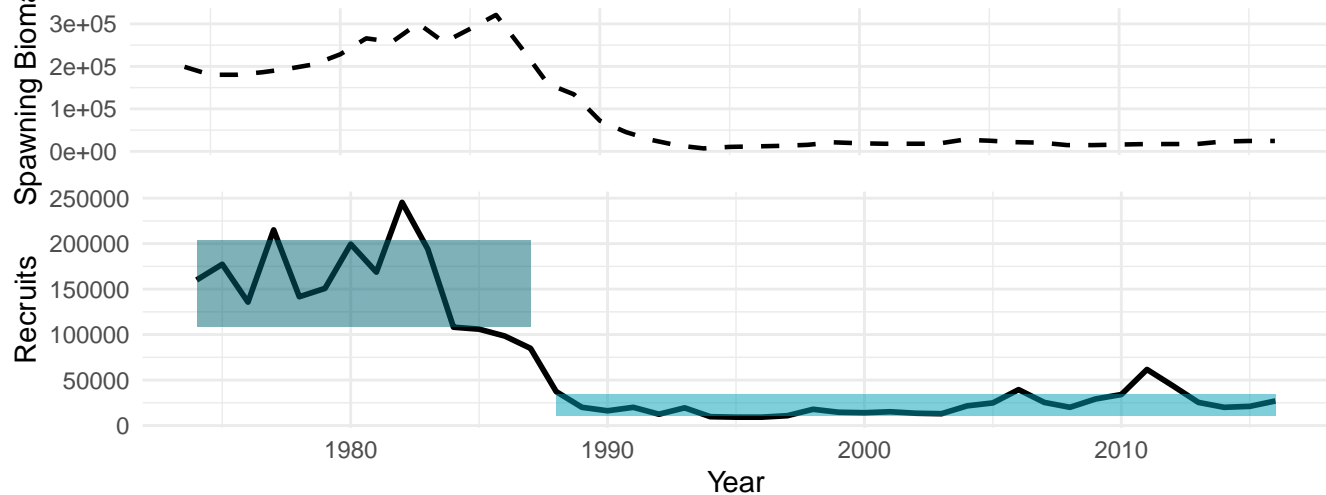


Atlantic cod

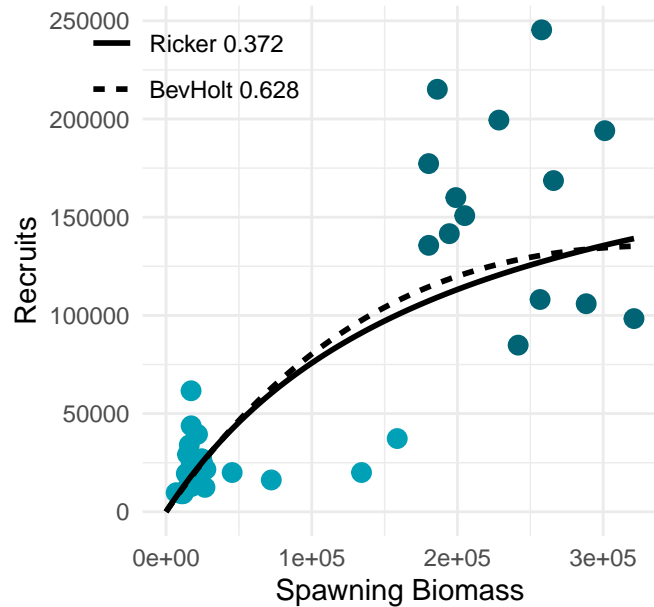
Gadus morhua

Area ID: Canada-DFO-3Pn4RS

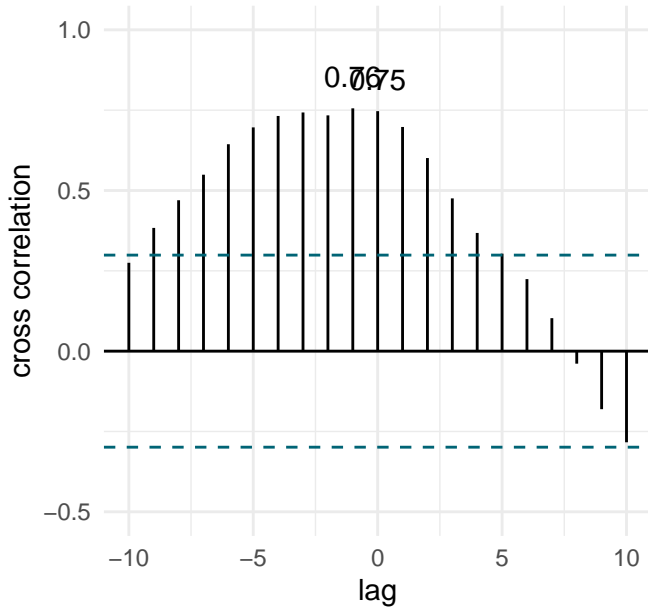
(a)



(b)



(c)

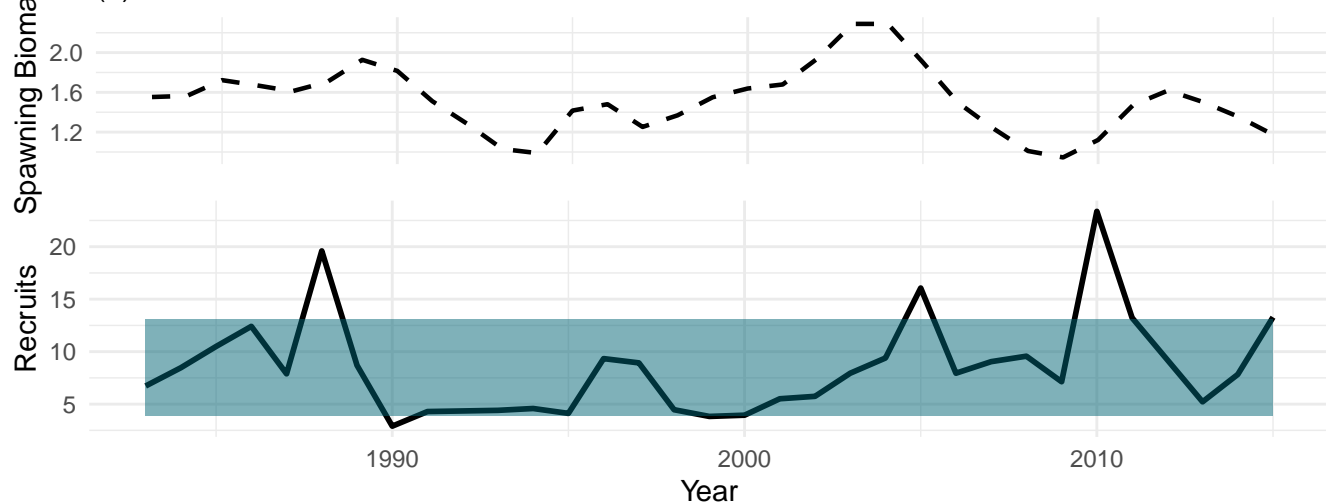


Atlantic cod

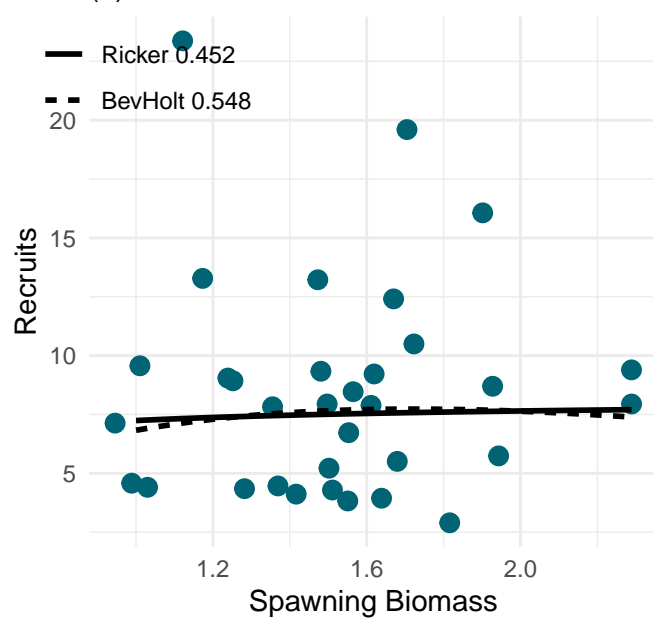
Gadus morhua

Area ID: Canada-DFO-3Ps

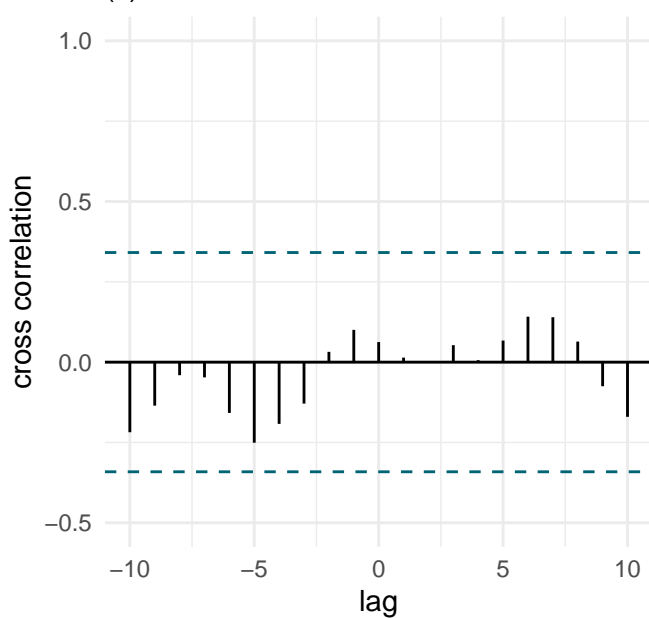
(a)



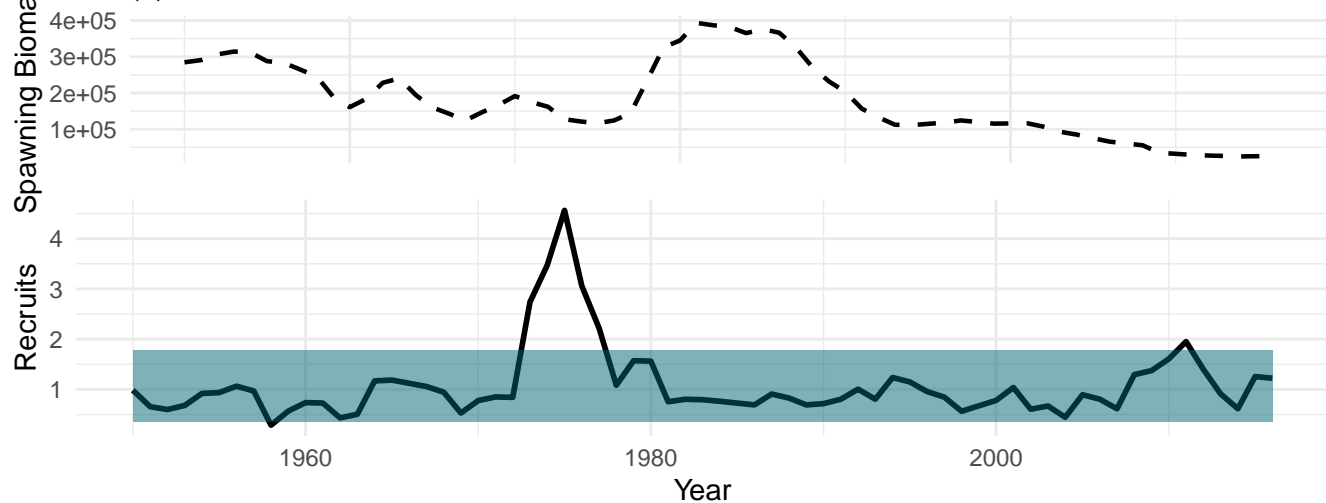
(b)



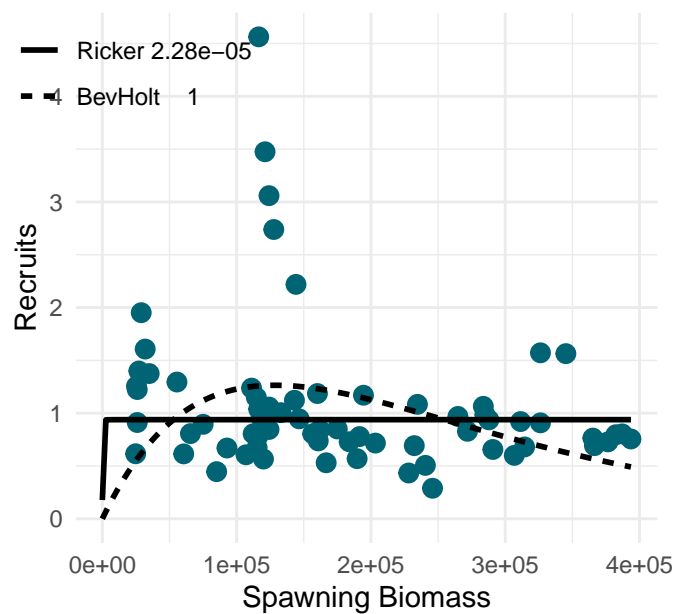
(c)



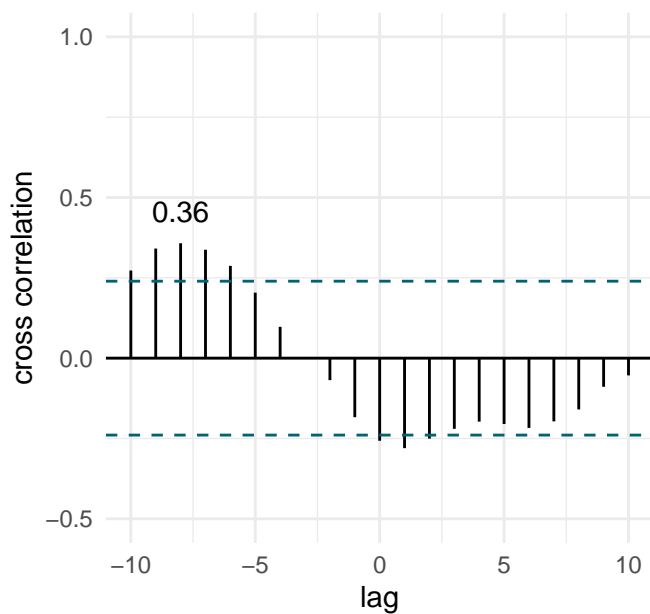
Atlantic cod
Gadus morhua
 Area ID: Canada-DFO-4T
 (a)



(b)



(c)

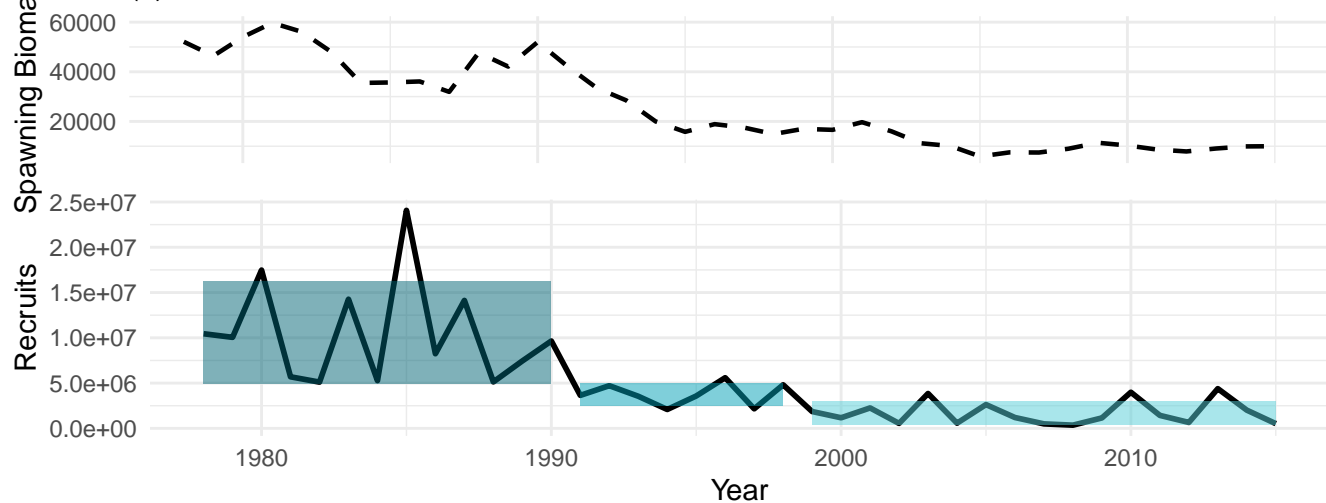


Atlantic cod

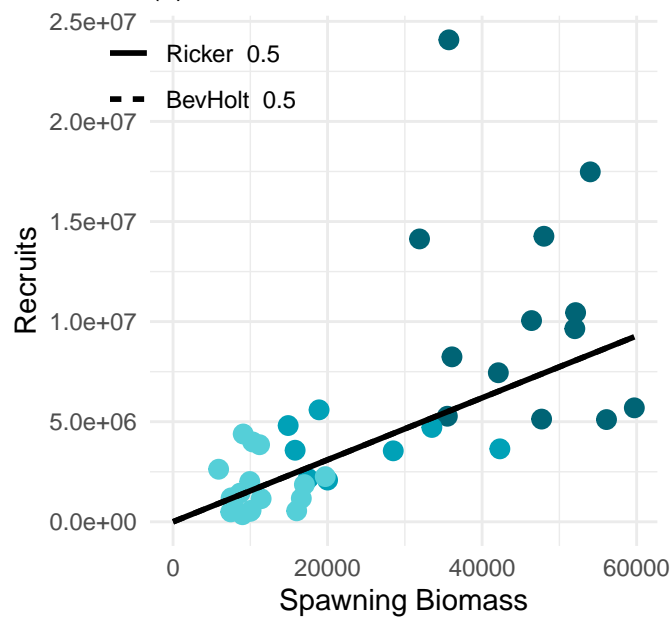
Gadus morhua

Area ID: multinational-TRAC-5Zjm

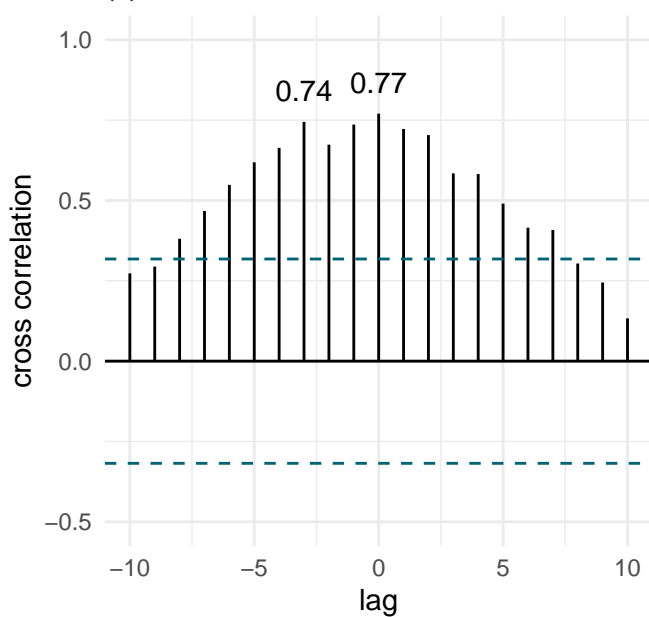
(a)



(b)



(c)

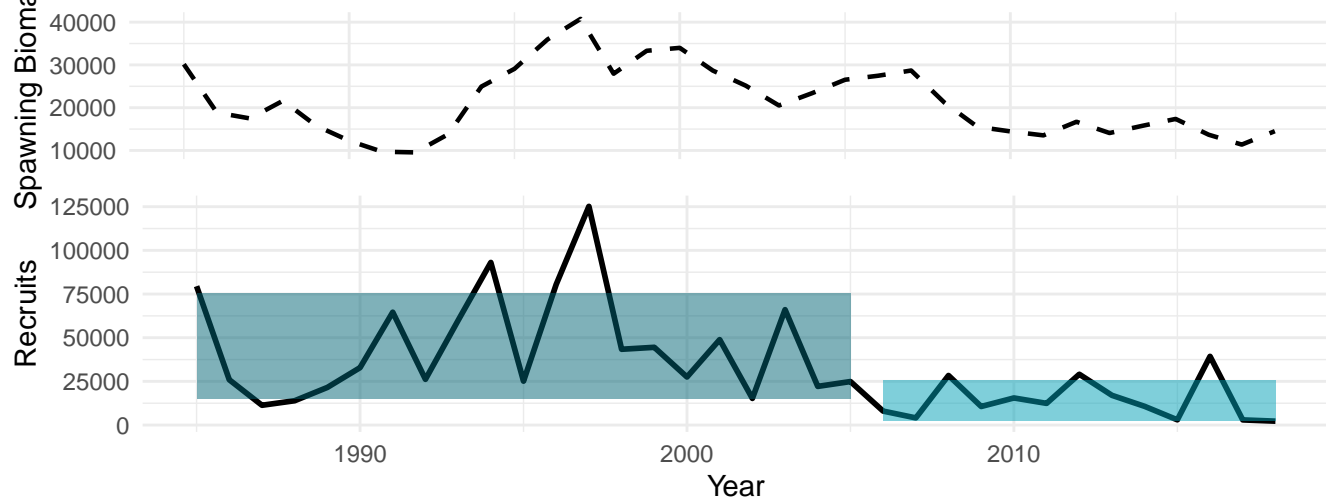


Atlantic cod

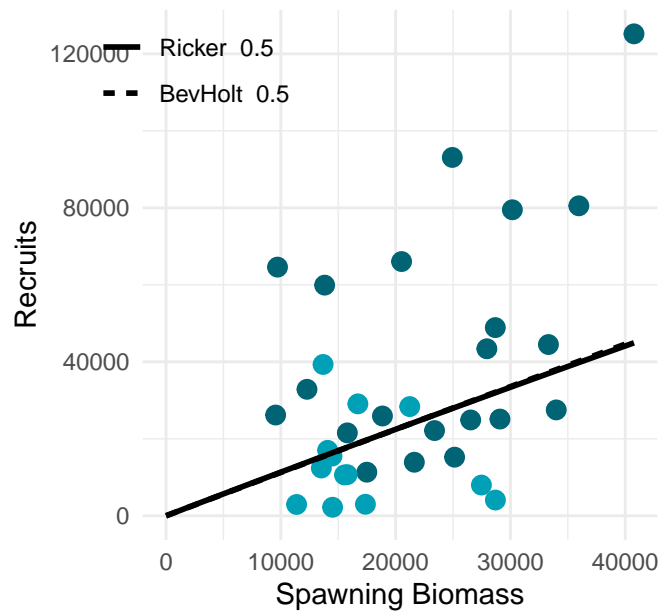
Gadus morhua

Area ID: multinational-ICES-22-24

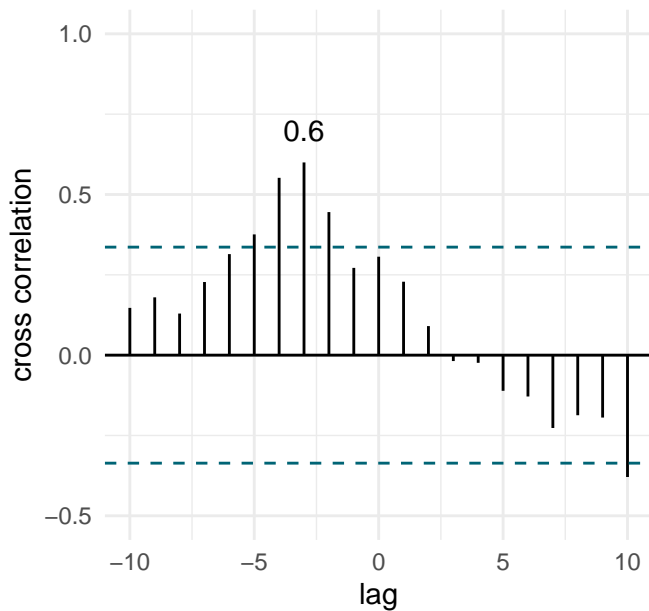
(a)



(b)



(c)

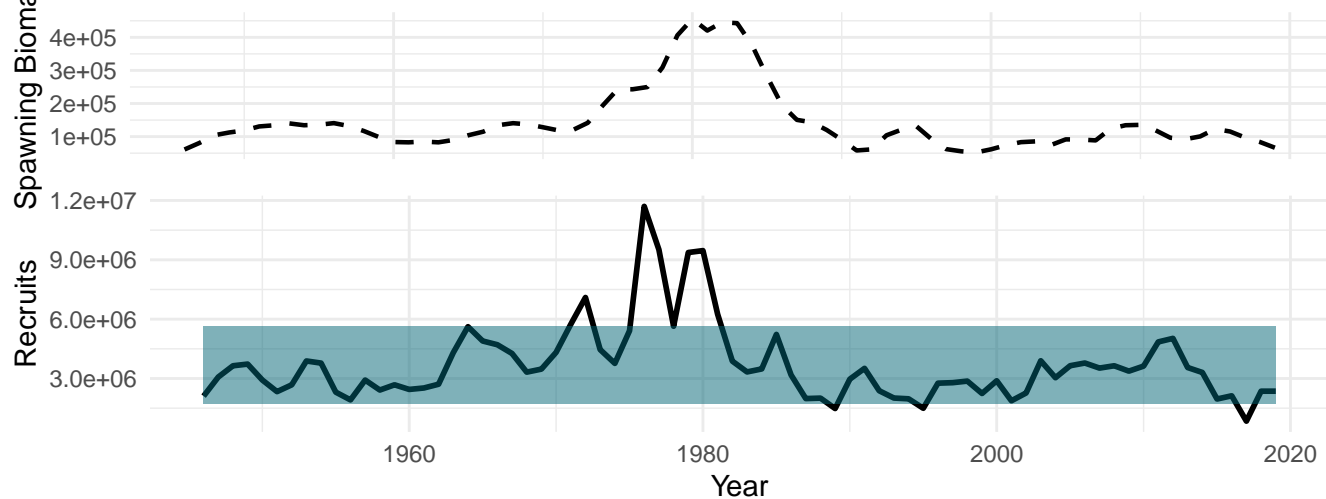


Atlantic cod

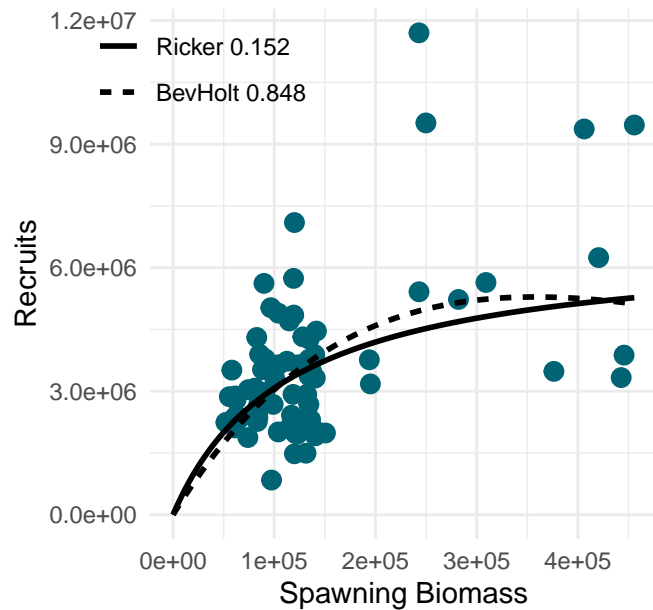
Gadus morhua

Area ID: multinational-ICES-25-32

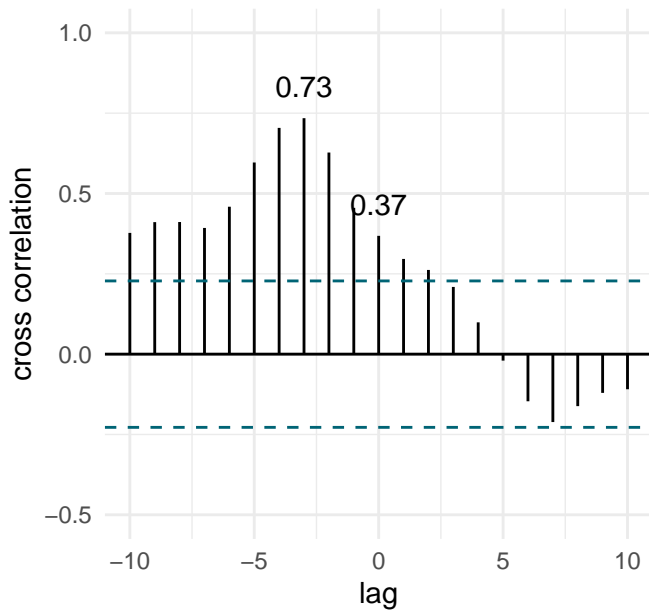
(a)



(b)



(c)

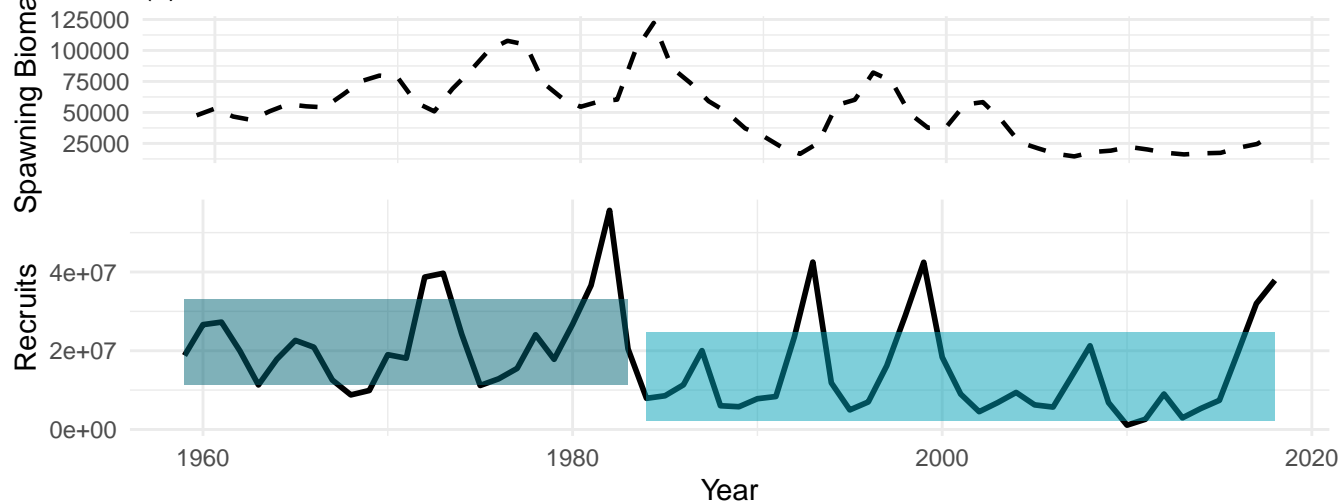


Atlantic cod

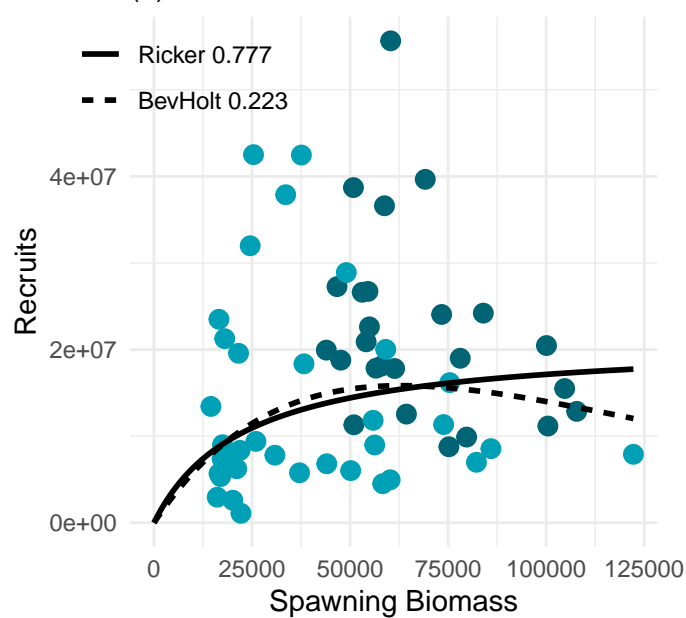
Gadus morhua

Area ID: multinational-ICES-Vb1

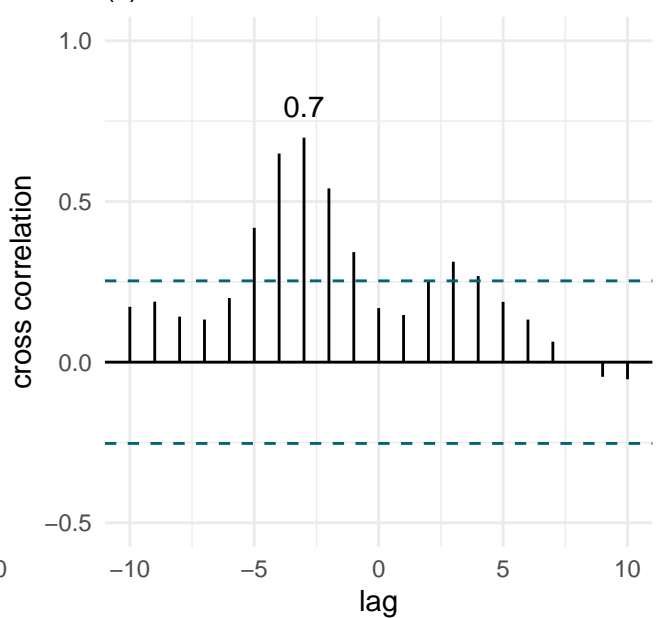
(a)



(b)



(c)

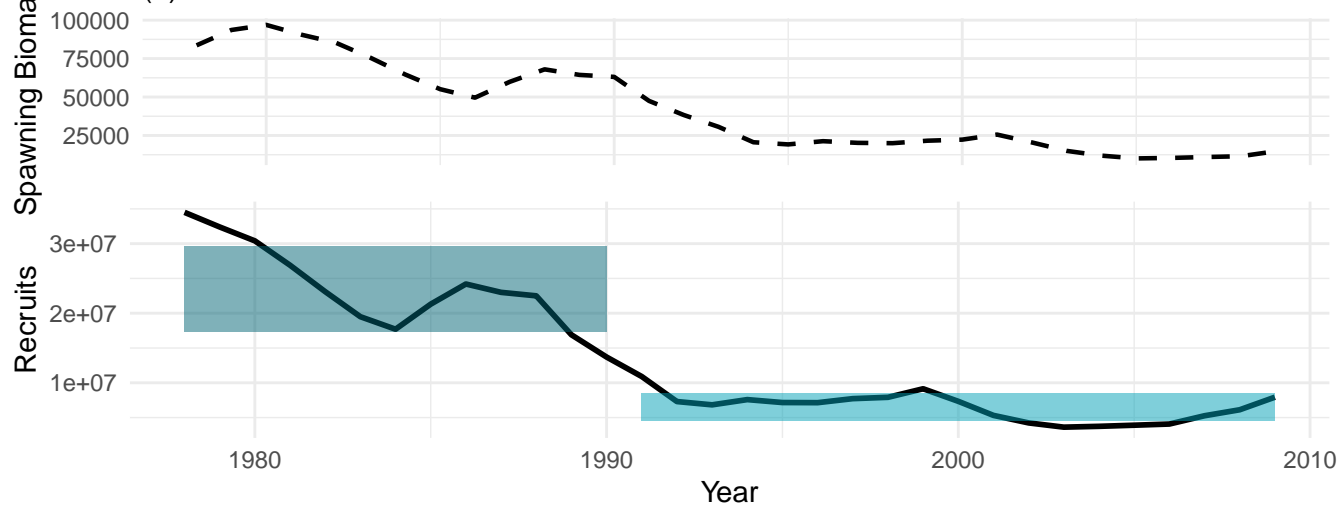


Atlantic cod

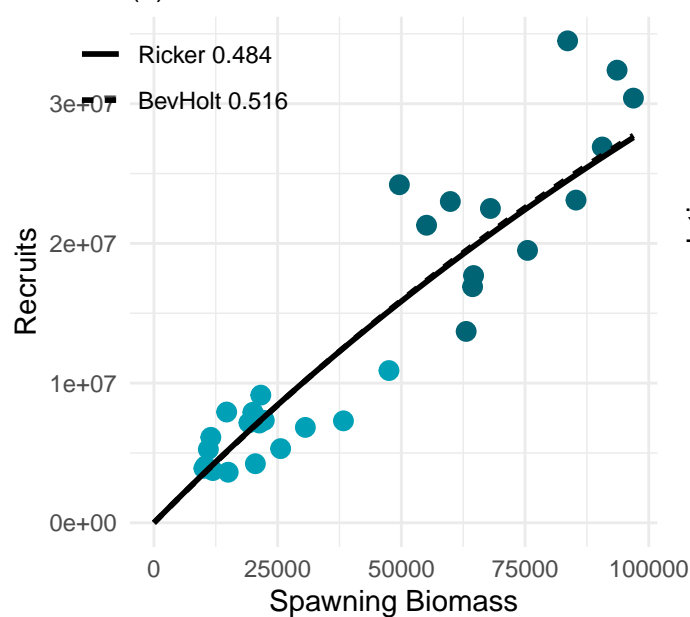
Gadus morhua

Area ID: USA-NMFS-5Z

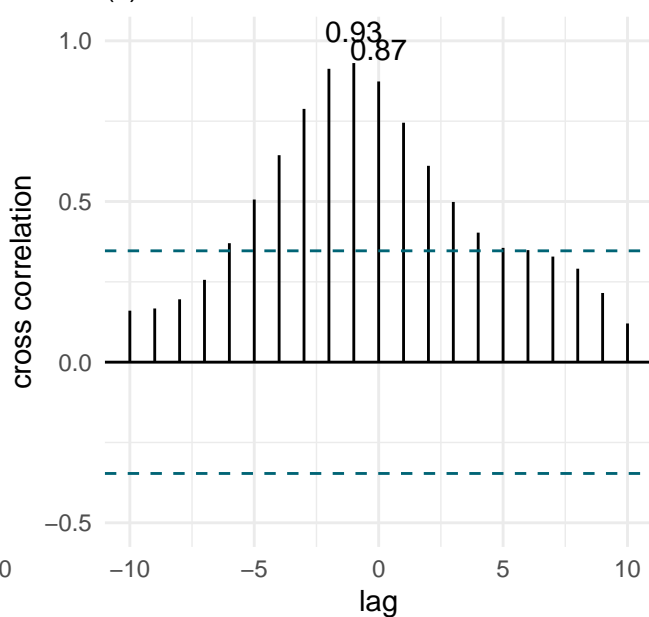
(a)



(b)



(c)

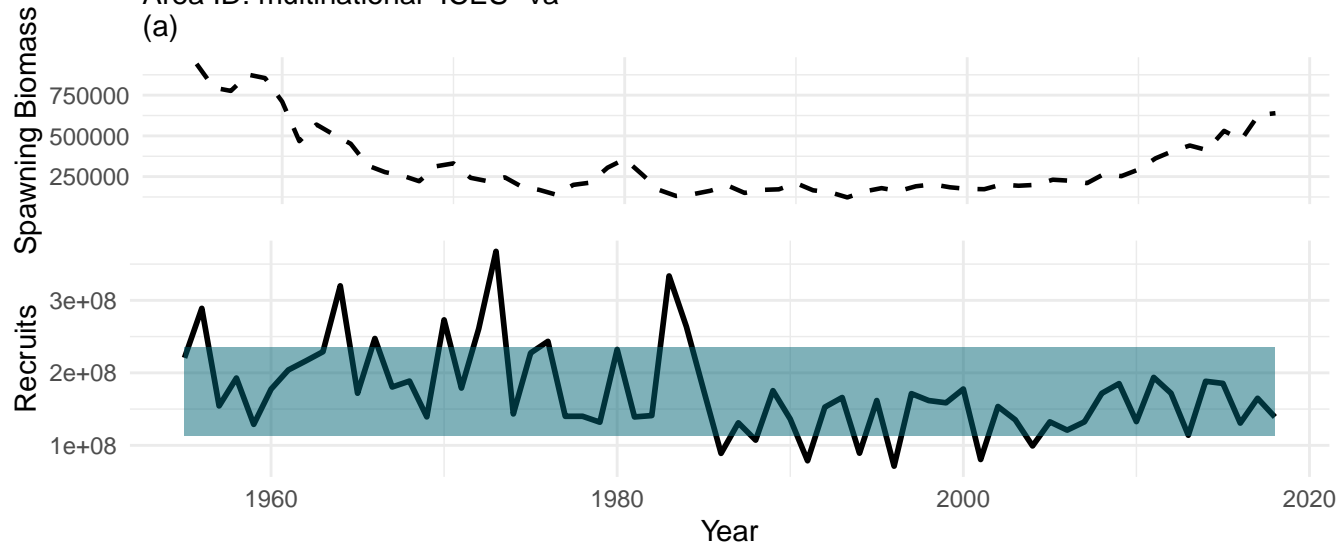


Atlantic cod

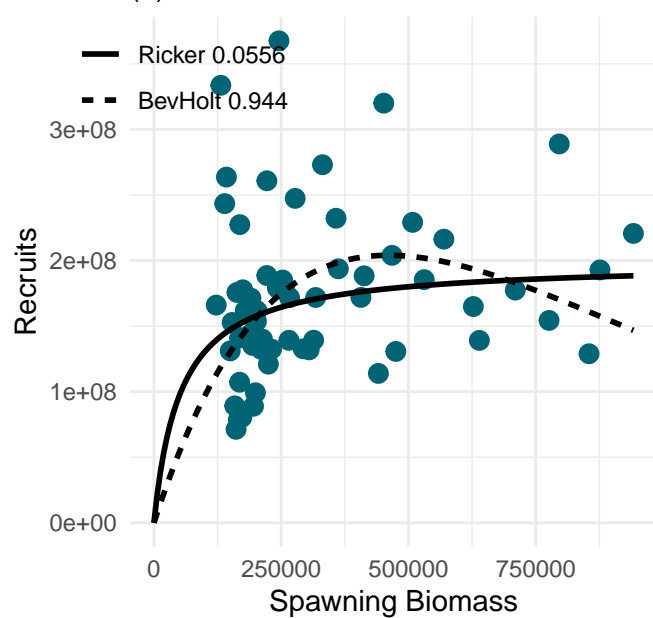
Gadus morhua

Area ID: multinational-ICES-Va

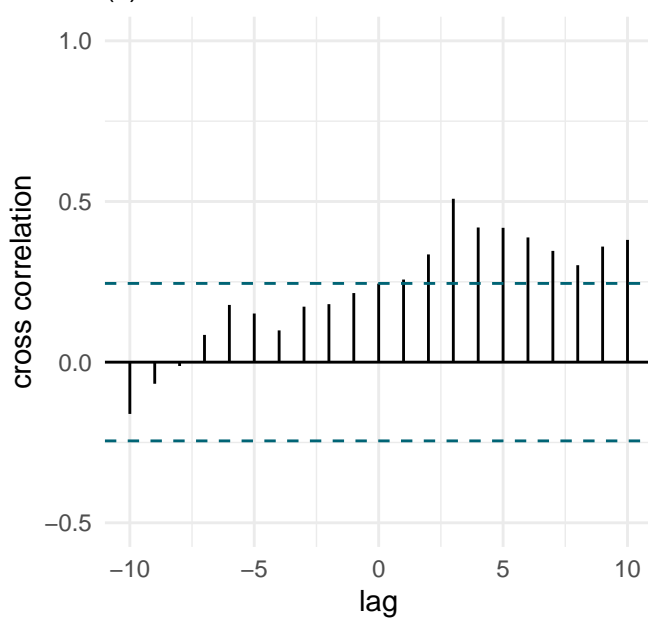
(a)



(b)



(c)

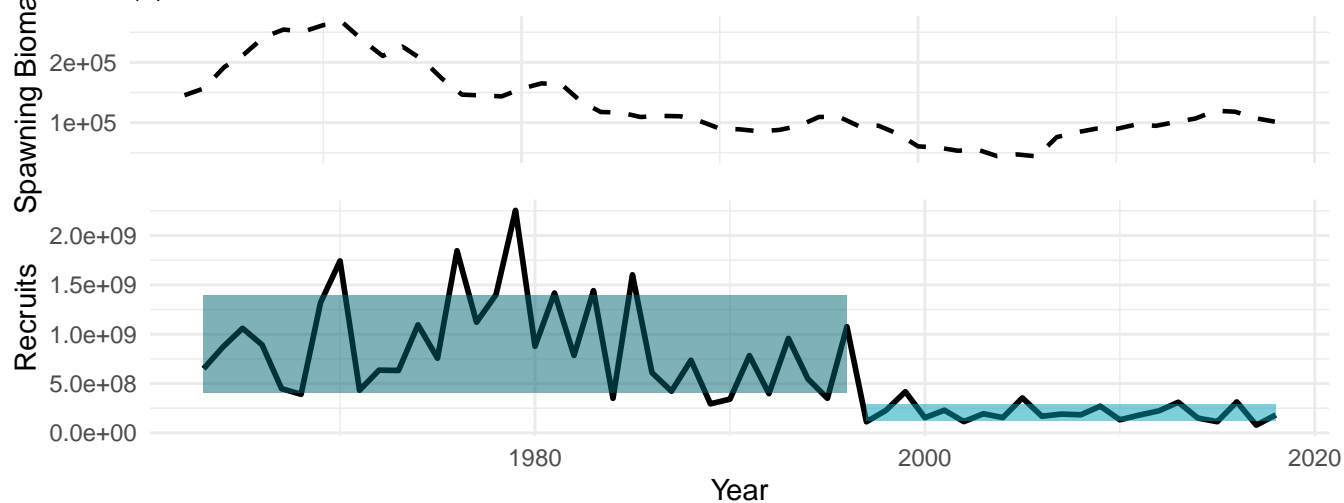


Atlantic cod

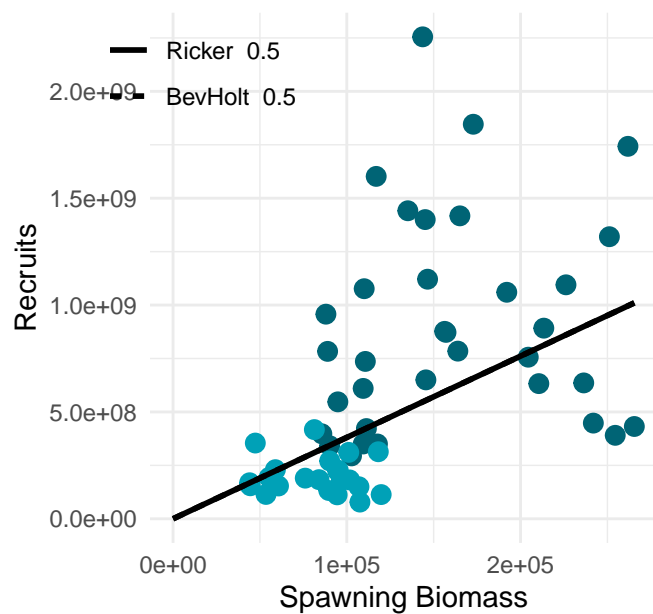
Gadus morhua

Area ID: multinational-ICES-IIIaW-IV-VIII

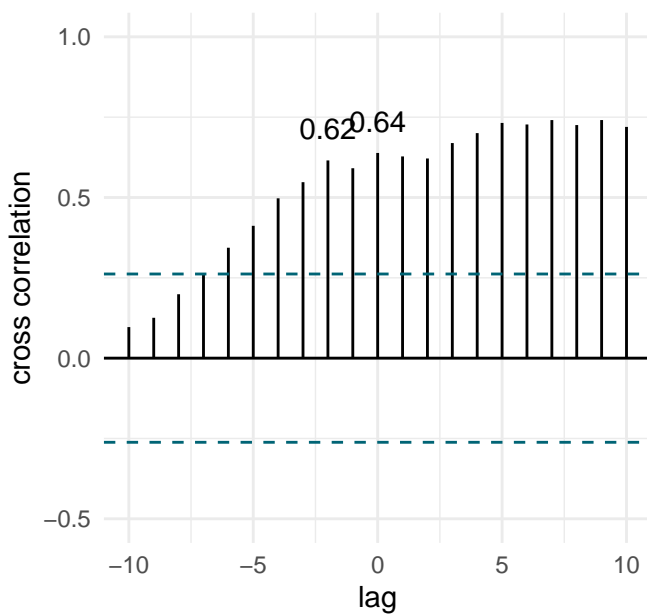
(a)



(b)



(c)

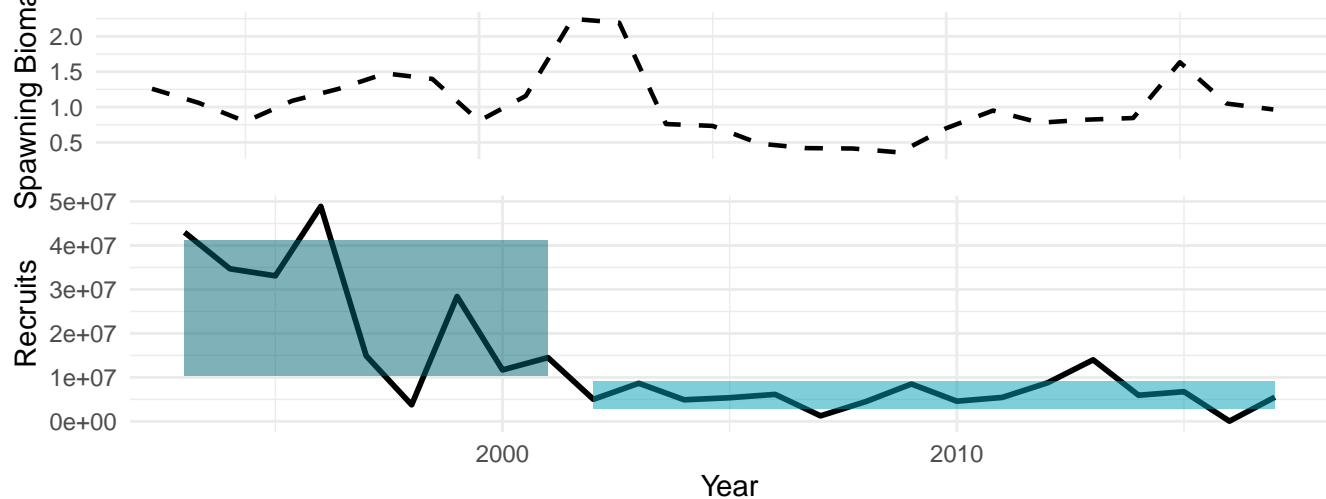


Atlantic cod

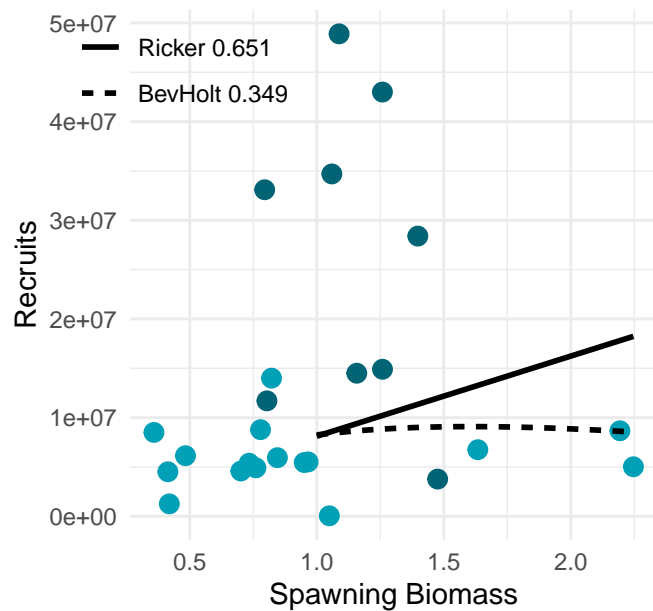
Gadus morhua

Area ID: multinational-ICES-VIIa

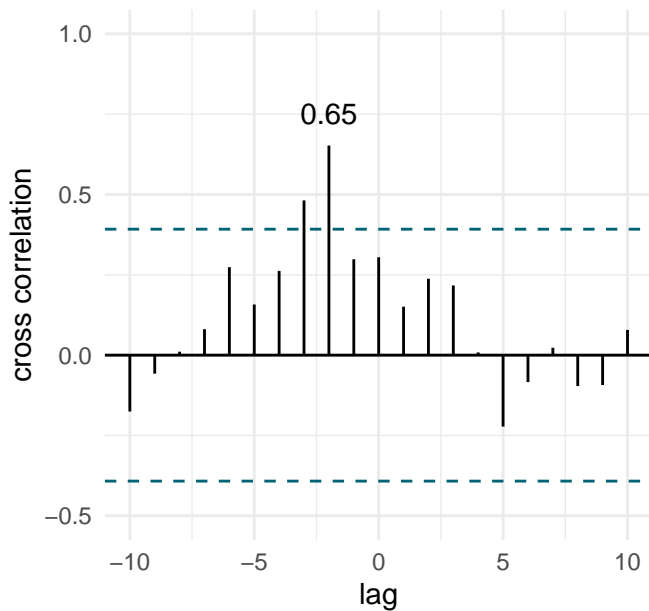
(a)



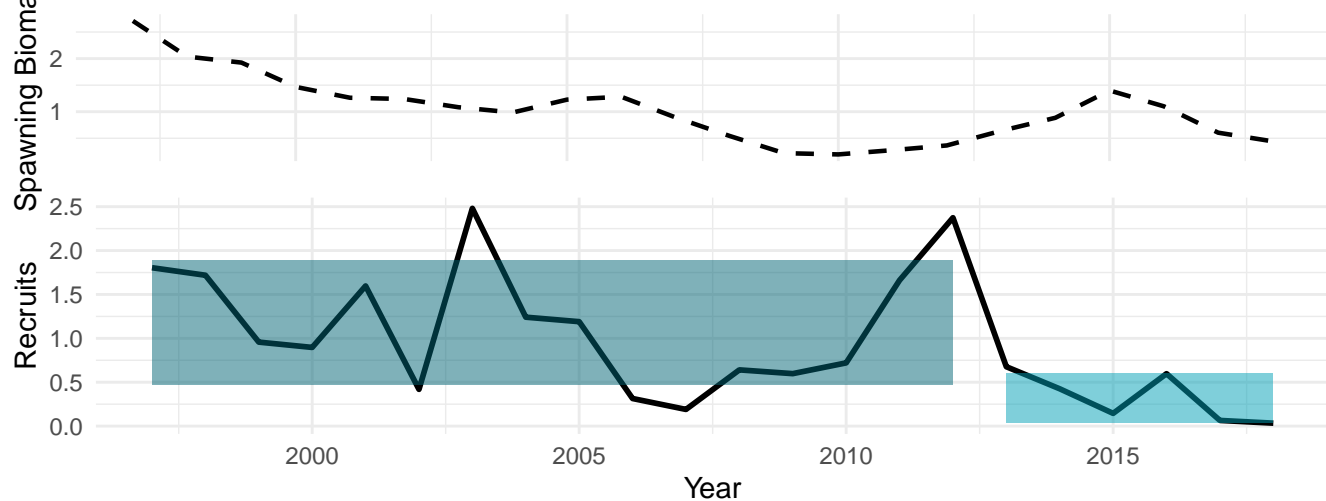
(b)



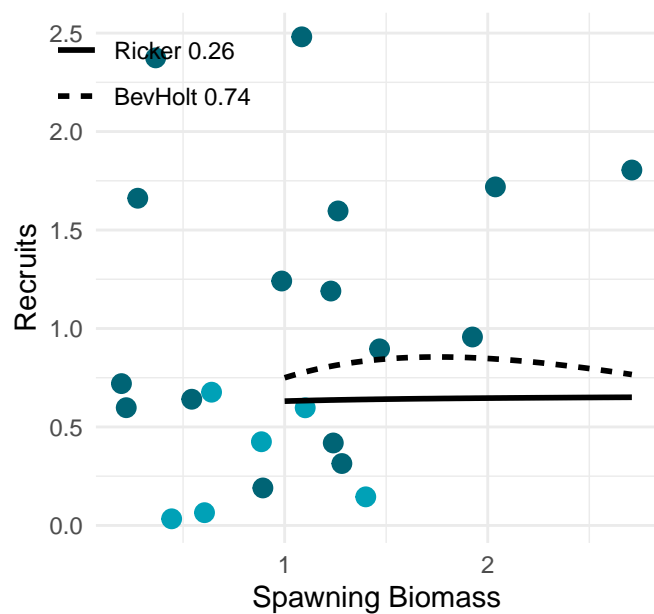
(c)



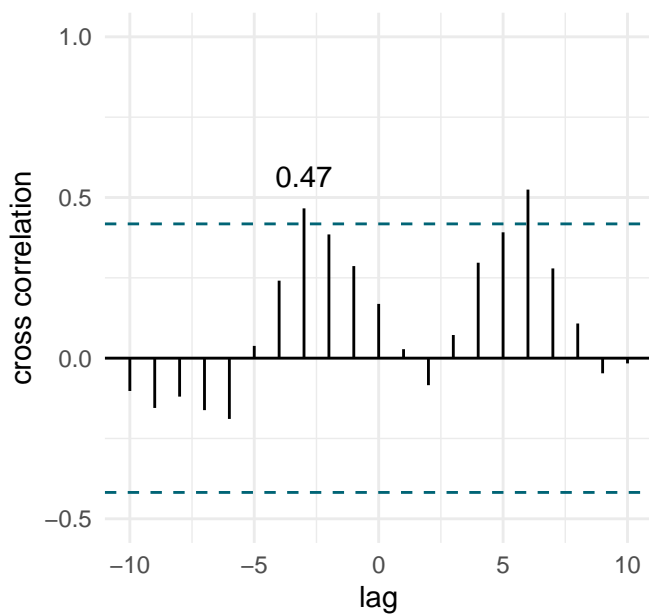
Atlantic cod
Gadus morhua
 Area ID: multinational-ICES-21
 (a)



(b)



(c)

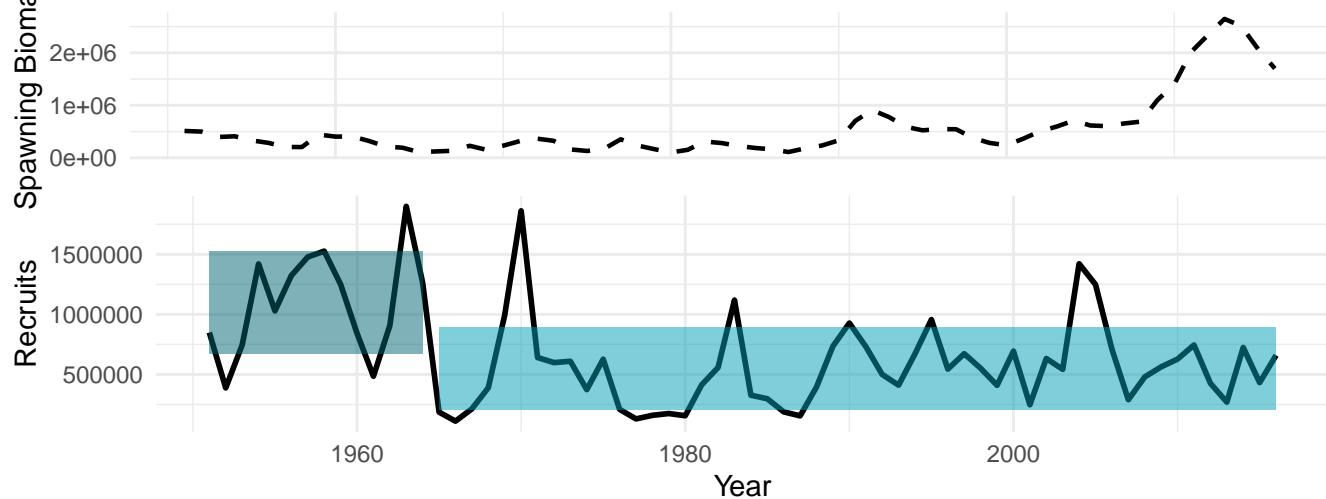


Atlantic cod

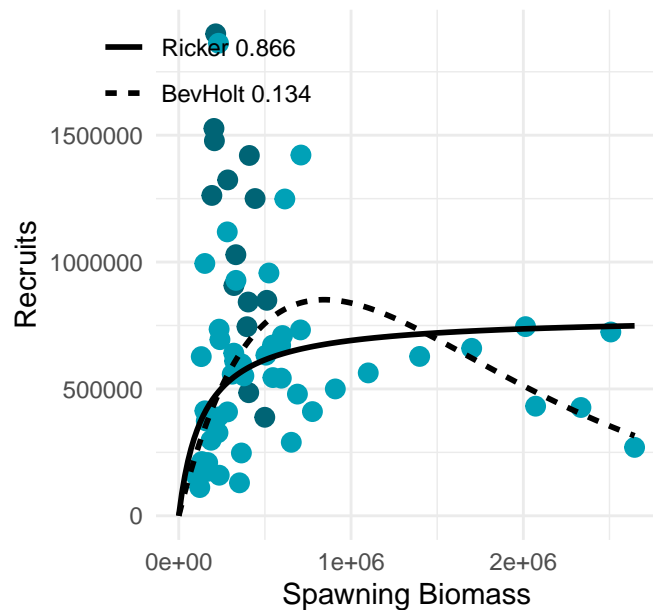
Gadus morhua

Area ID: multinational-ICES-I-II

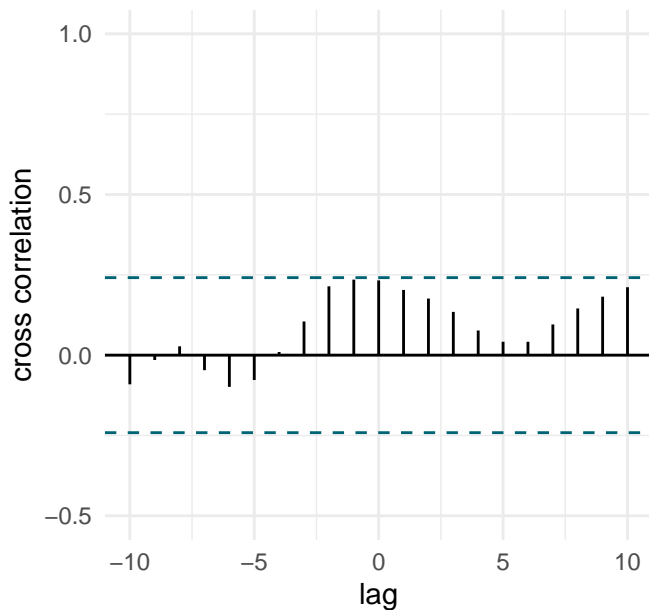
(a)



(b)



(c)

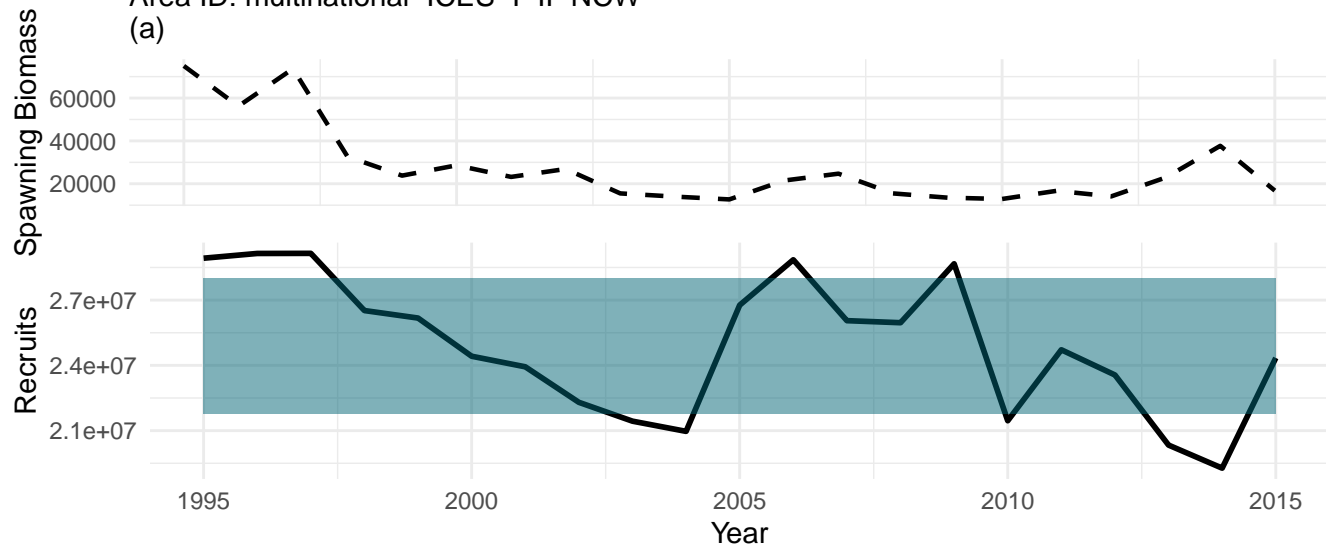


Atlantic cod

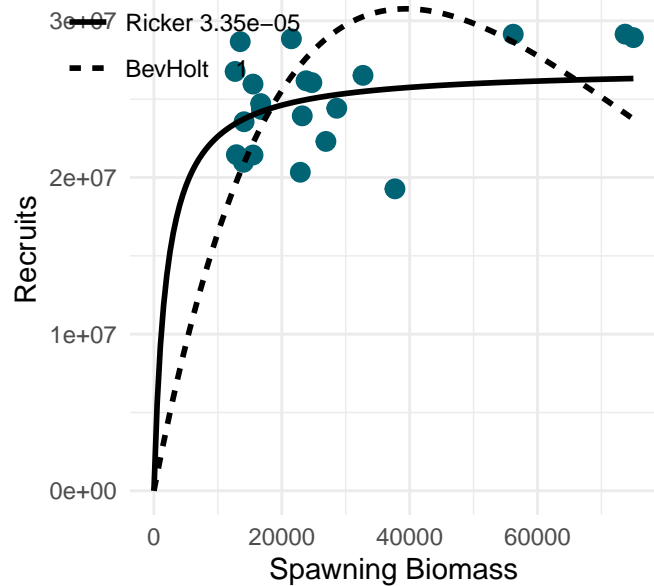
Gadus morhua

Area ID: multinational-ICES-I-II-NCW

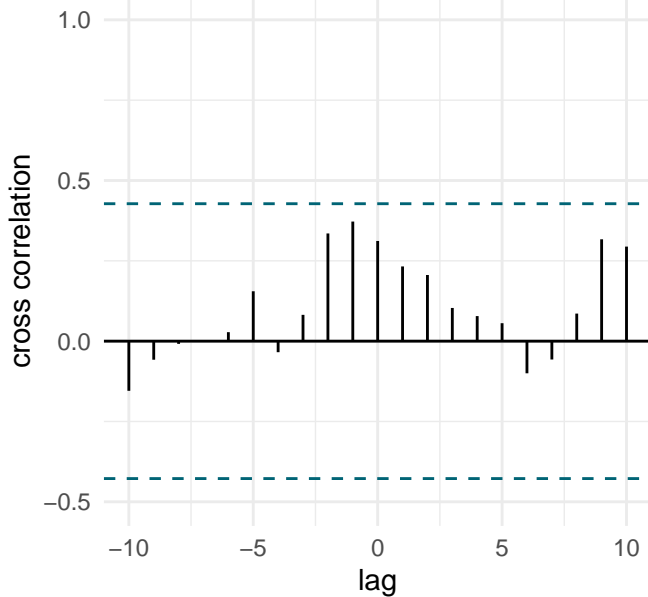
(a)



(b)



(c)

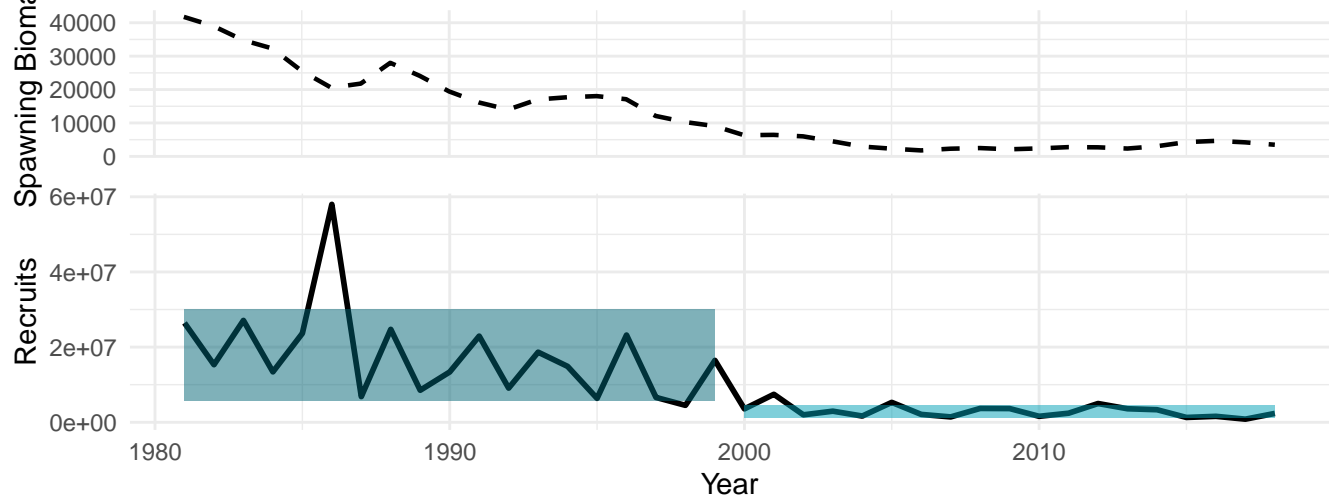


Atlantic cod

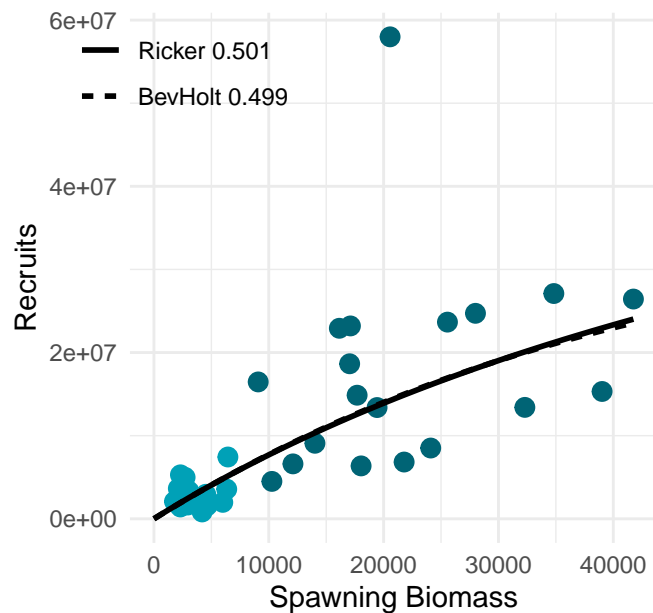
Gadus morhua

Area ID: multinational-ICES-VIa

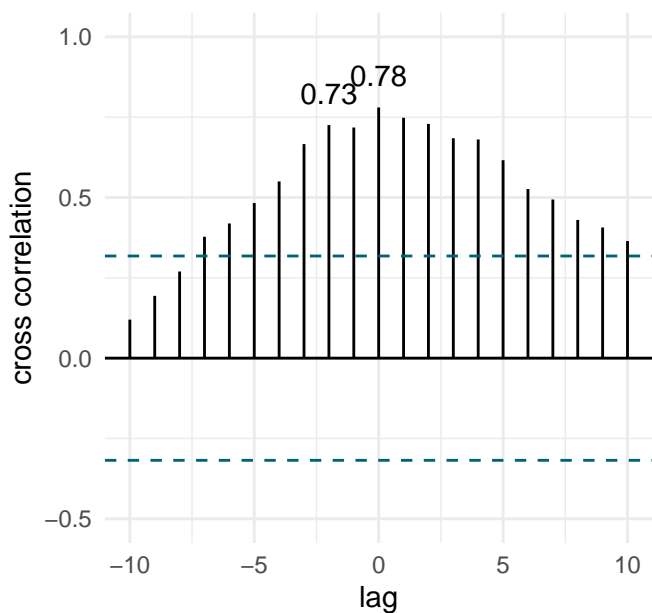
(a)



(b)



(c)

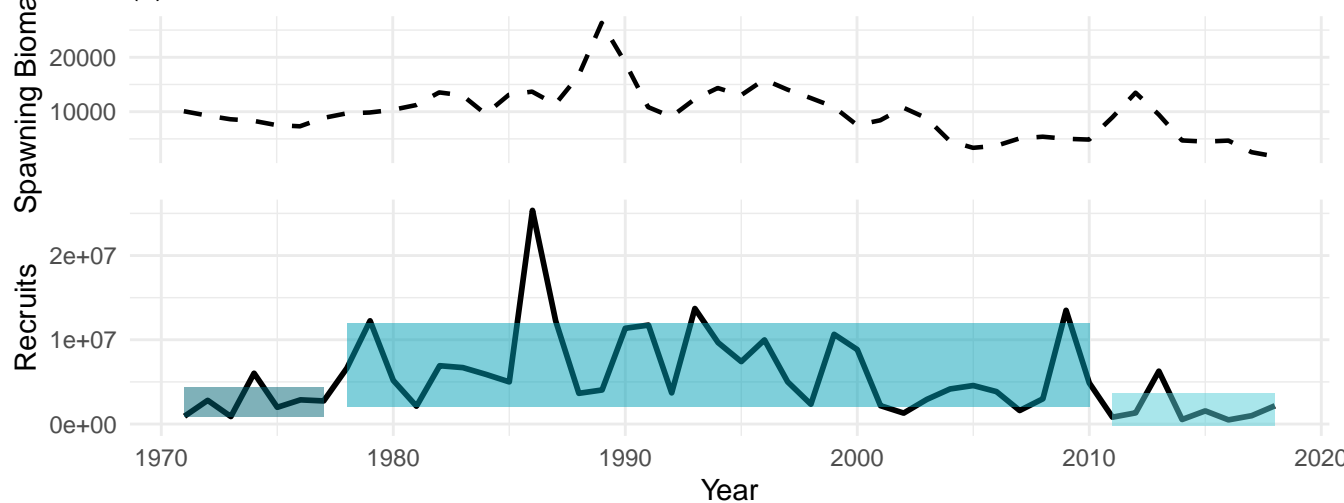


Atlantic cod

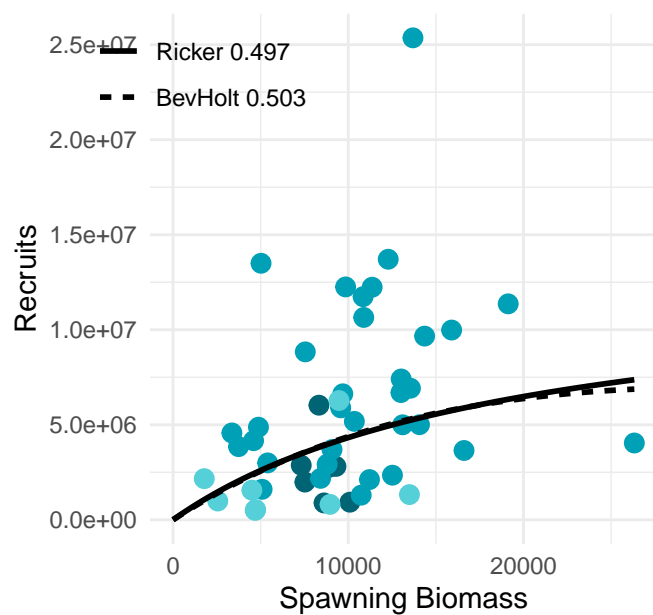
Gadus morhua

Area ID: multinational-ICES-VIIe-k

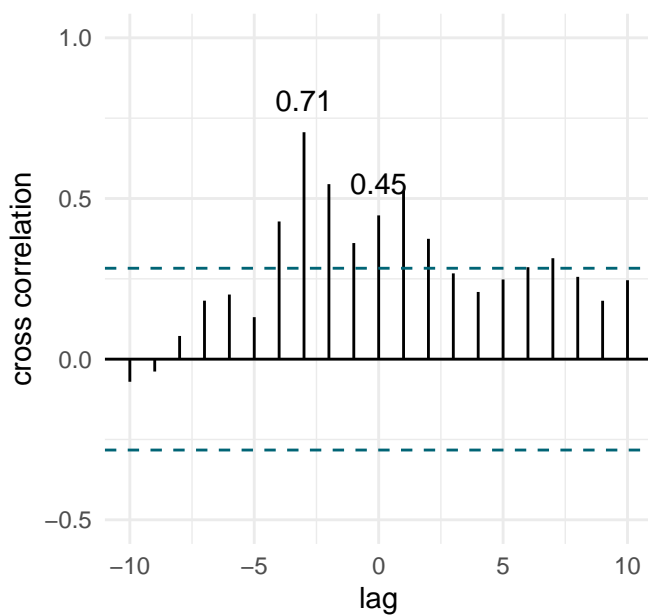
(a)



(b)



(c)

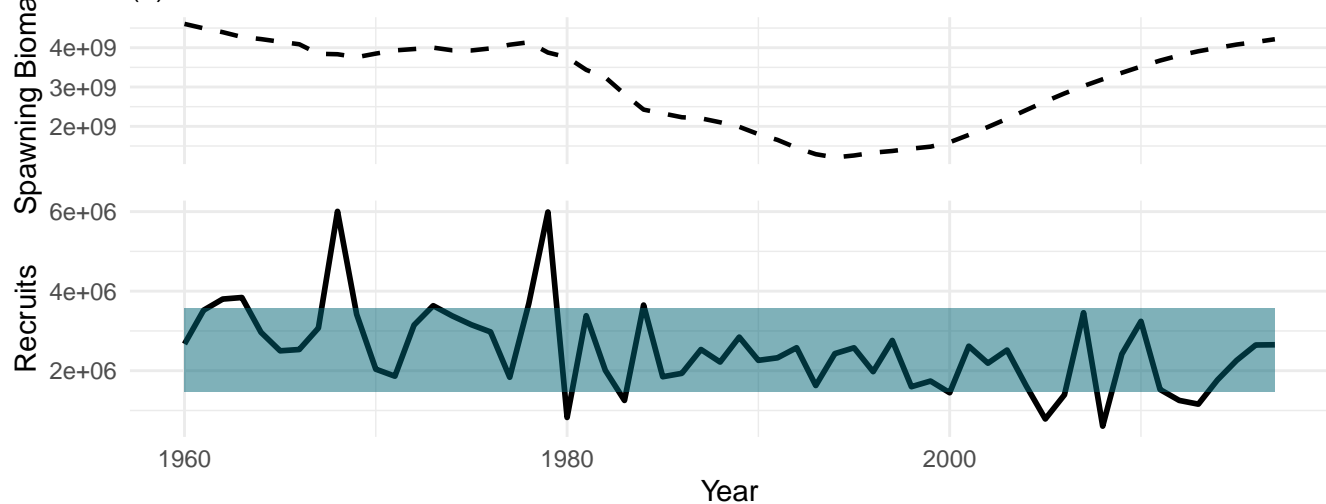


Canary rockfish

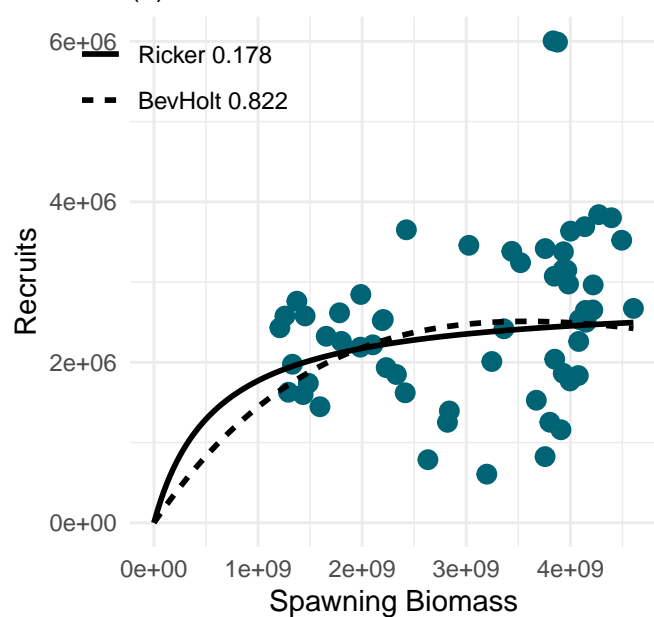
Sebastes pinniger

Area ID: USA-NMFS-PCOAST

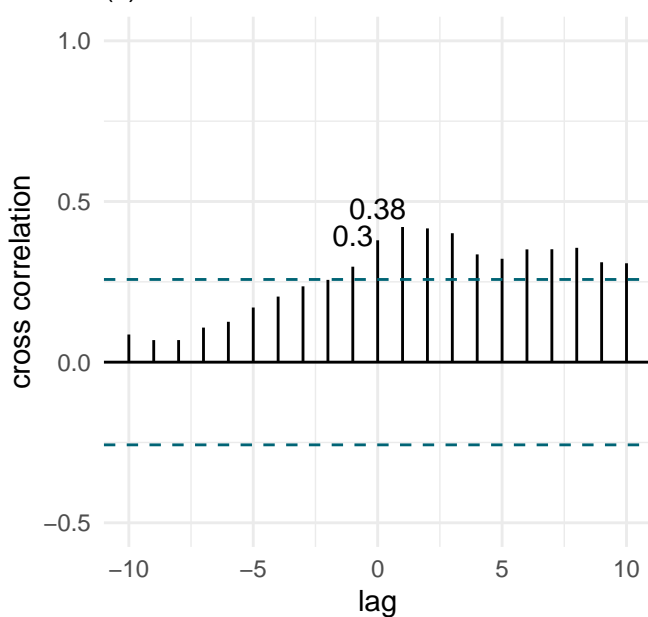
(a)



(b)



(c)

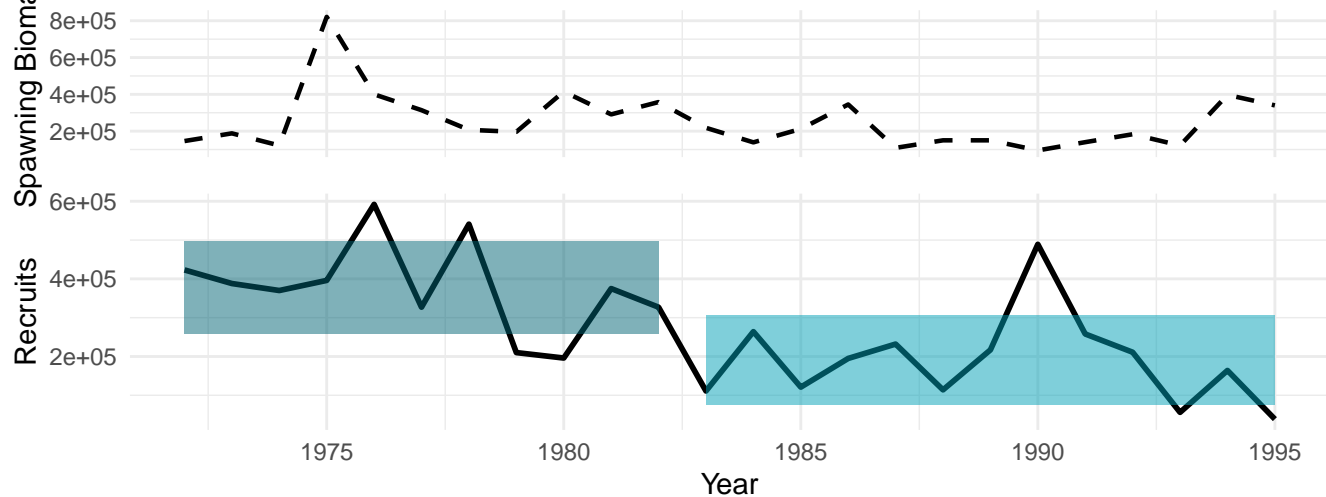


Chum salmon

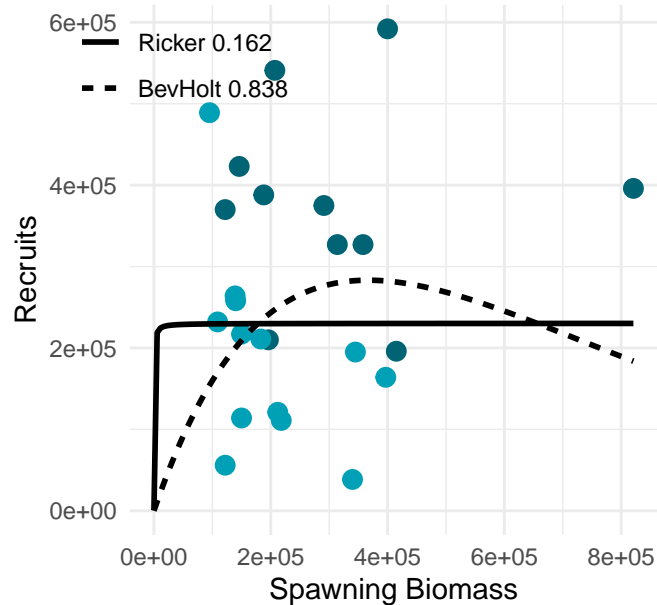
Oncorhynchus keta

Area ID: USA-AKSTATE-ANDREAR

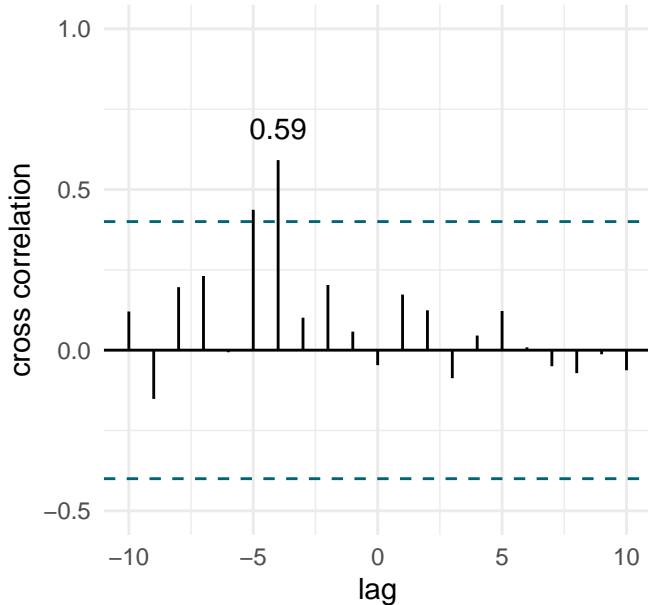
(a)



(b)



(c)

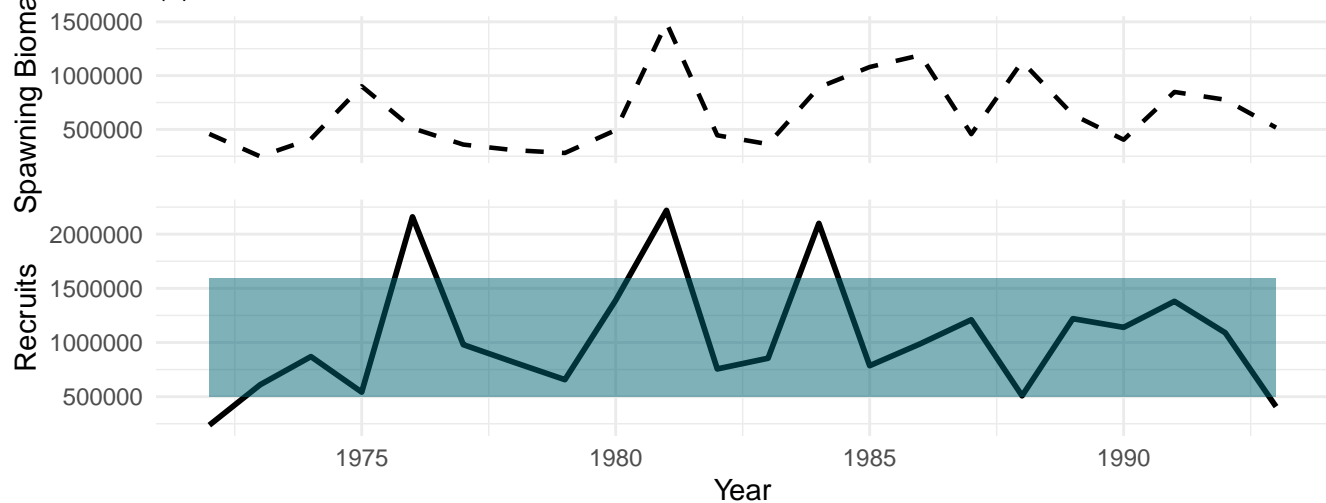


Chum salmon

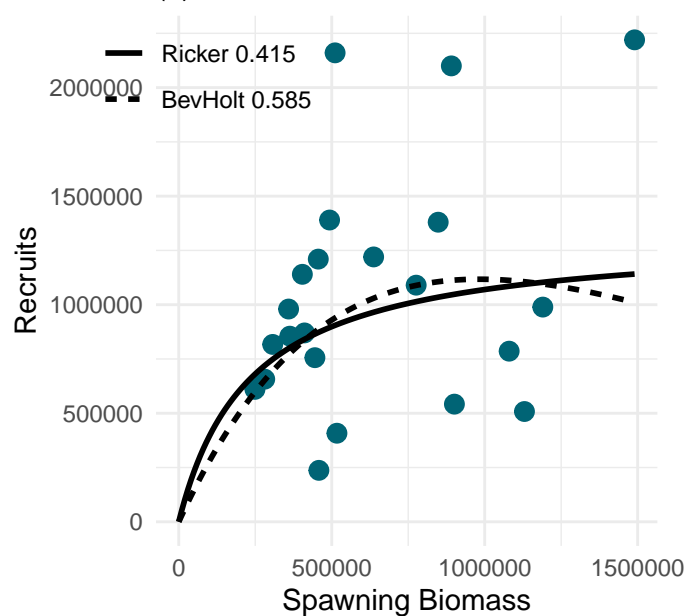
Oncorhynchus keta

Area ID: USA-AKSTATE-ANVIKR

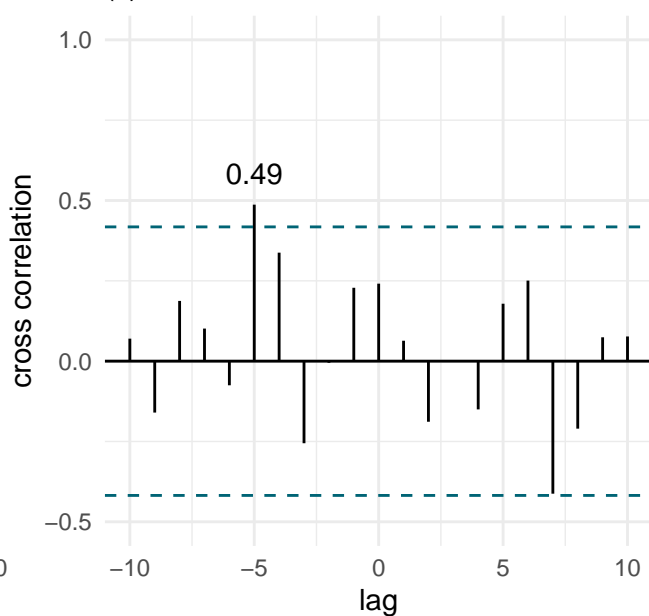
(a)



(b)



(c)

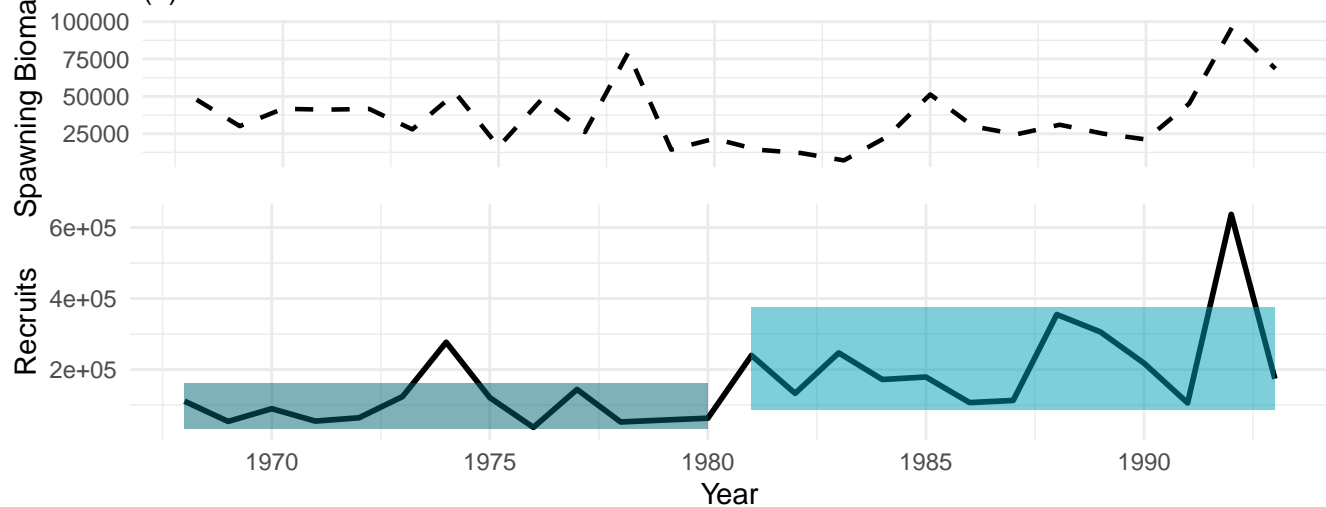


Chum salmon

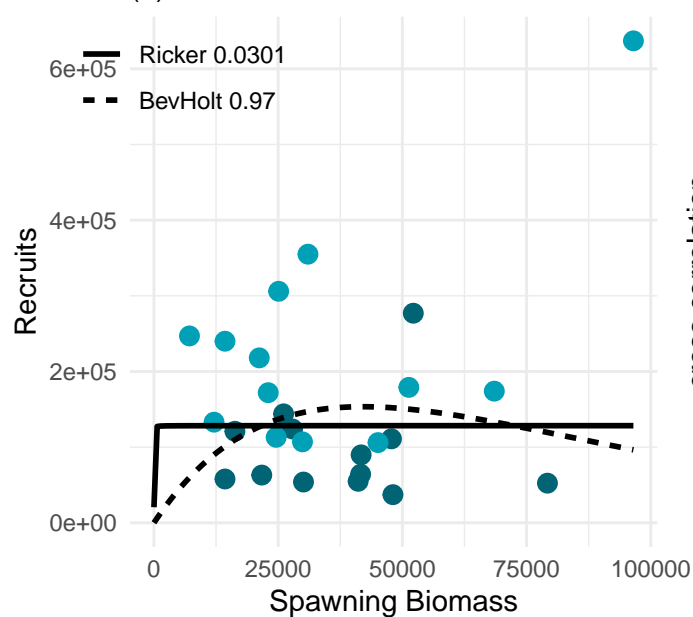
Oncorhynchus keta

Area ID: USA-WASTATE-HOODC

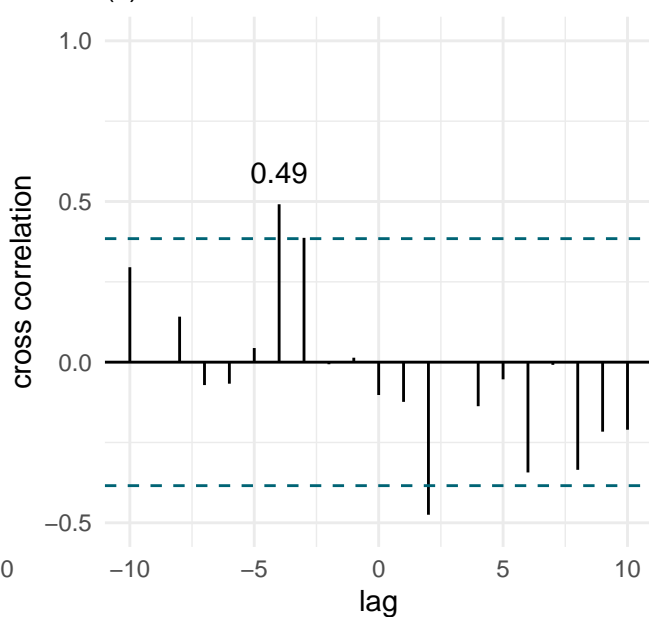
(a)



(b)



(c)

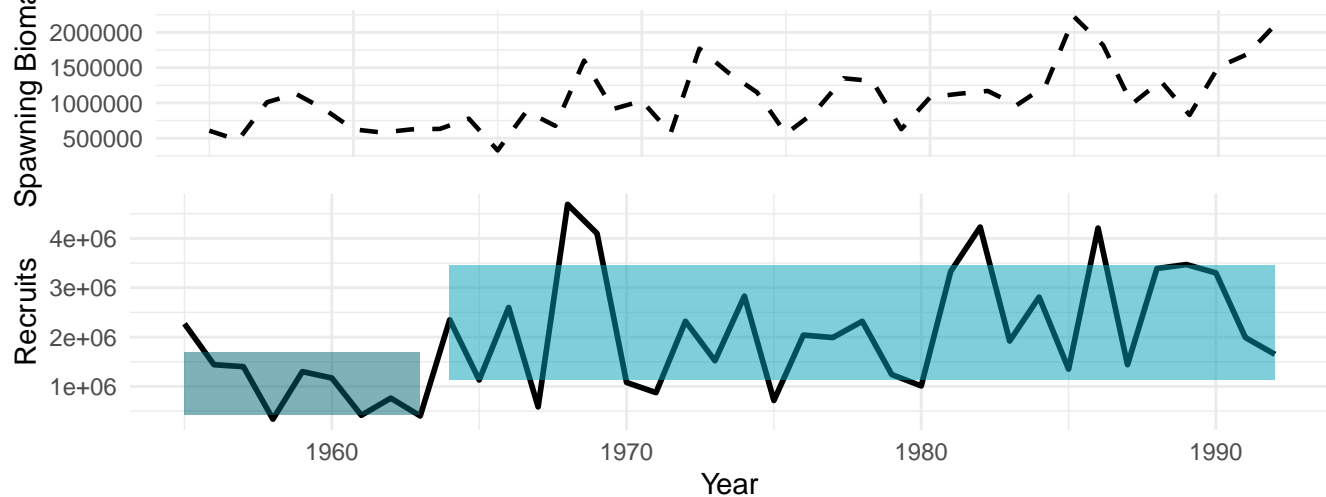


Chum salmon

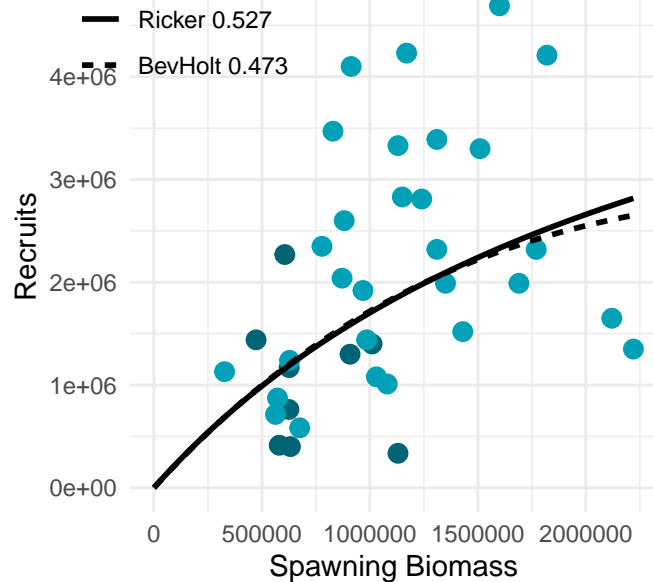
Oncorhynchus keta

Area ID: Canada-DFO-ISCFPM

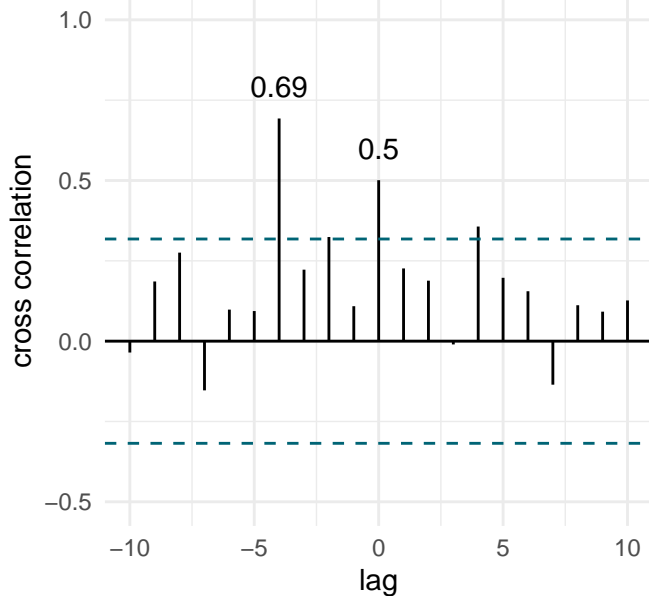
(a)



(b)



(c)

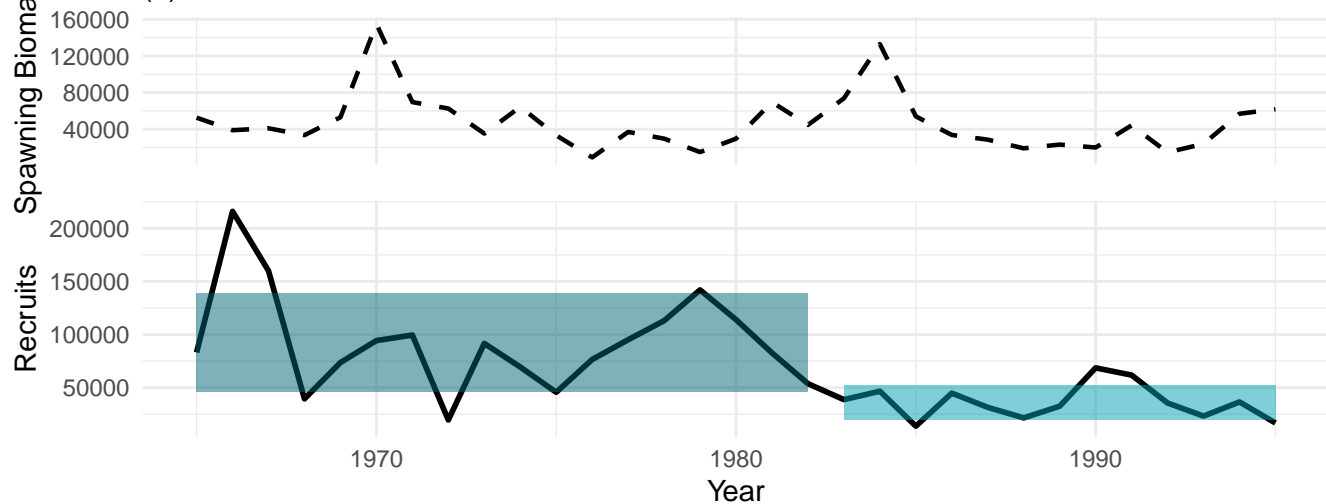


Chum salmon

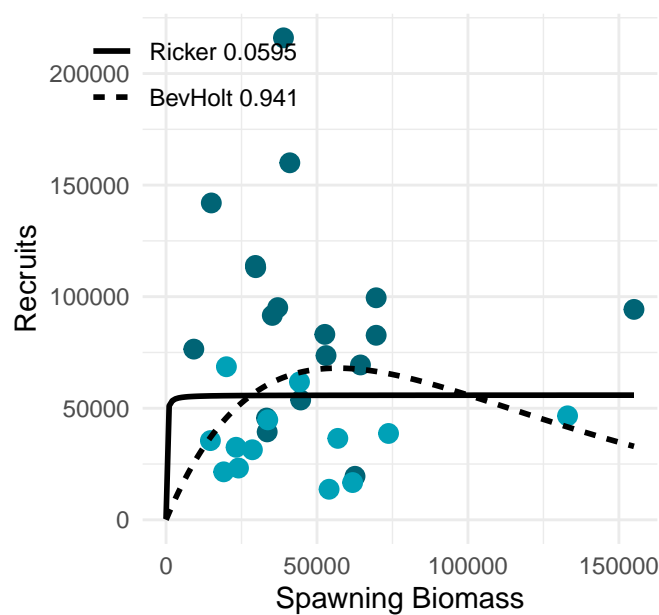
Oncorhynchus keta

Area ID: USA-AKSTATE-KTRNS

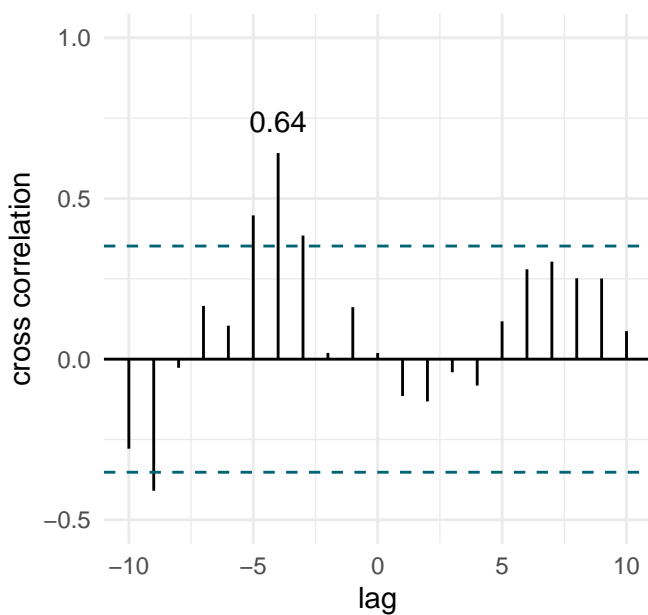
(a)



(b)



(c)

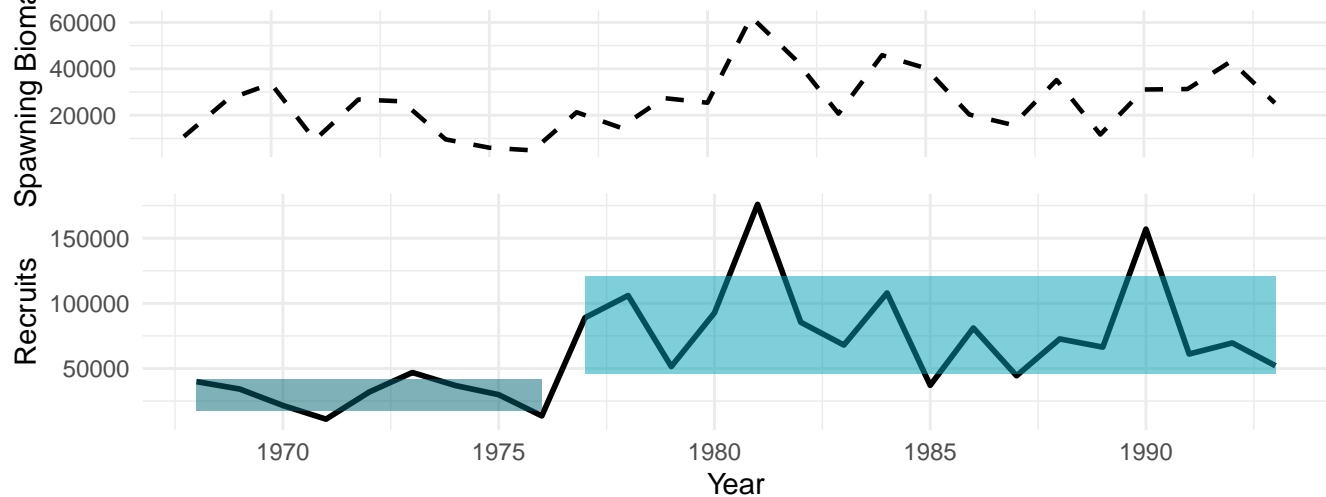


Chum salmon

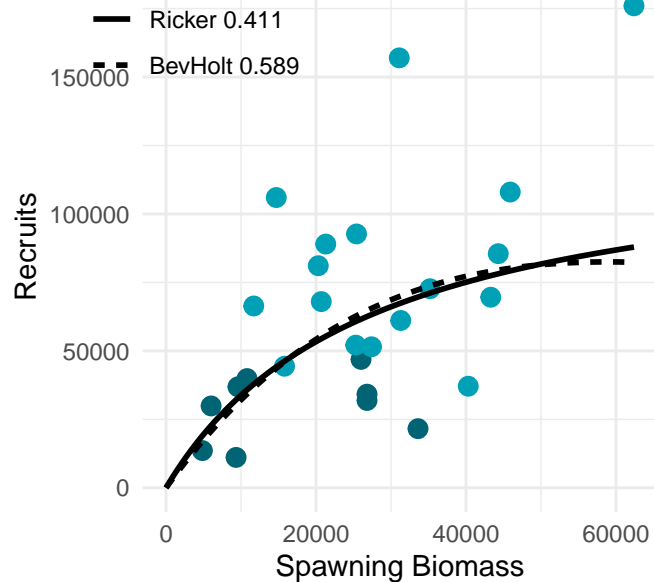
Oncorhynchus keta

Area ID: USA-WASTATE-NSR

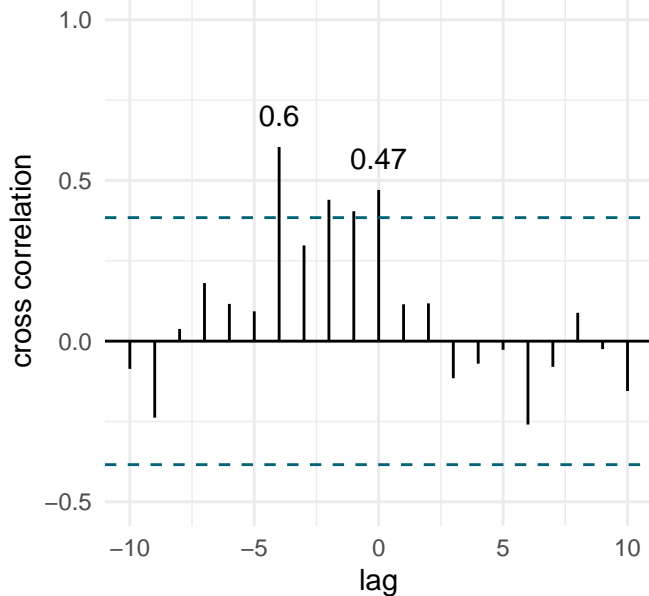
(a)



(b)



(c)

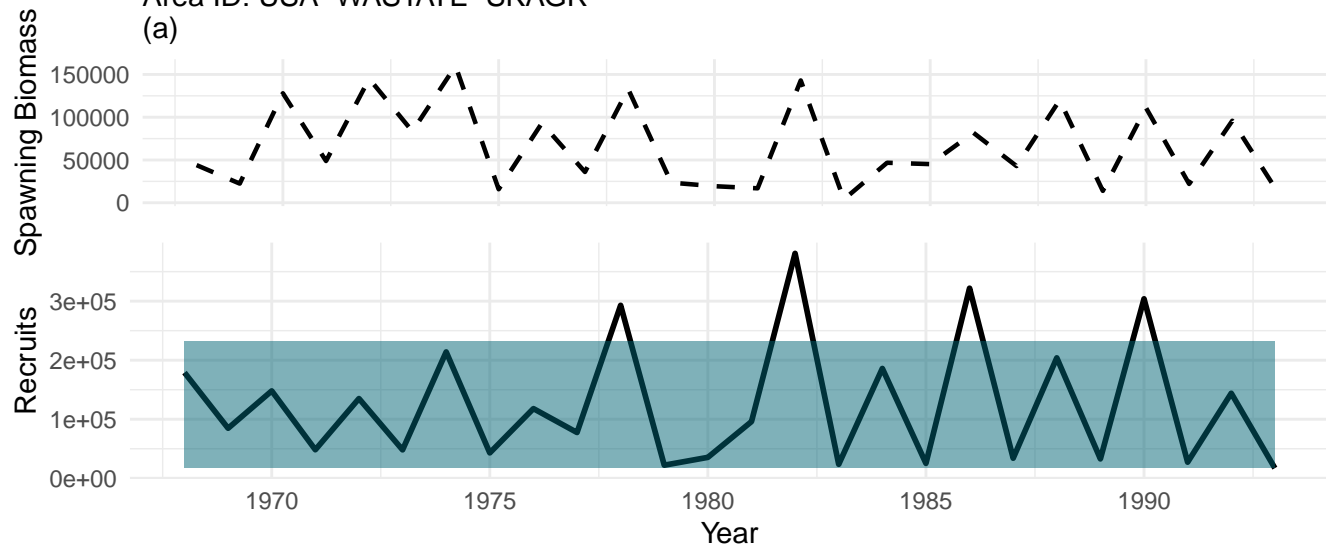


Chum salmon

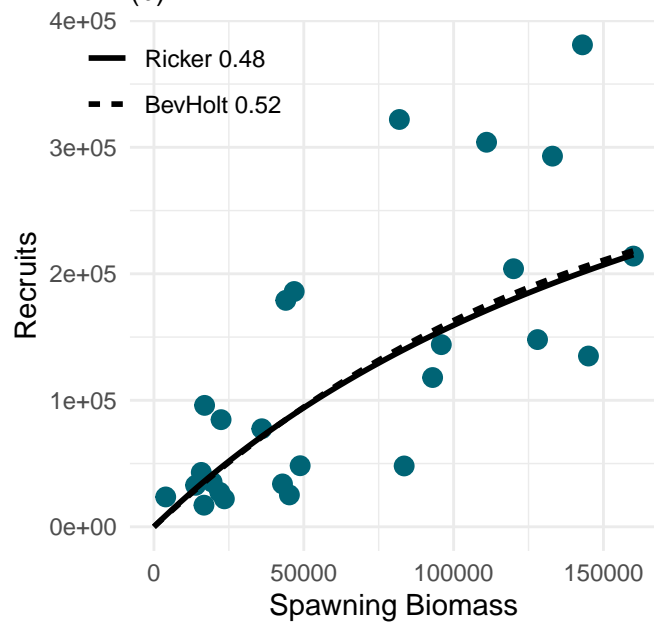
Oncorhynchus keta

Area ID: USA-WASTATE-SKAGR

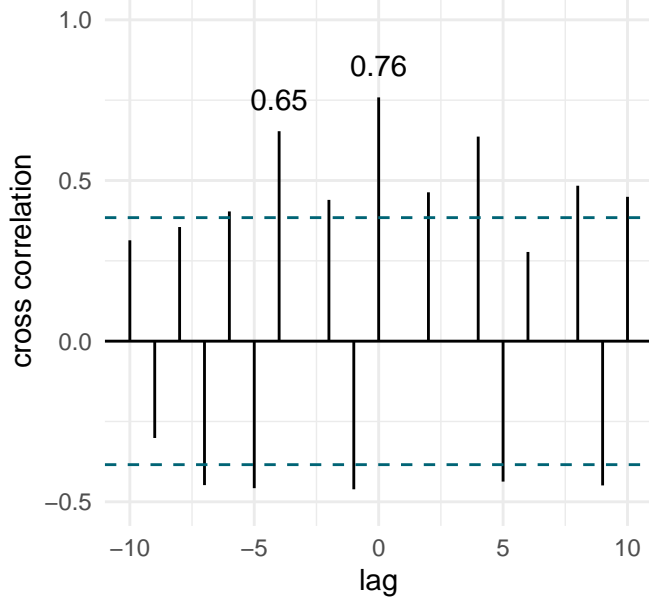
(a)



(b)



(c)

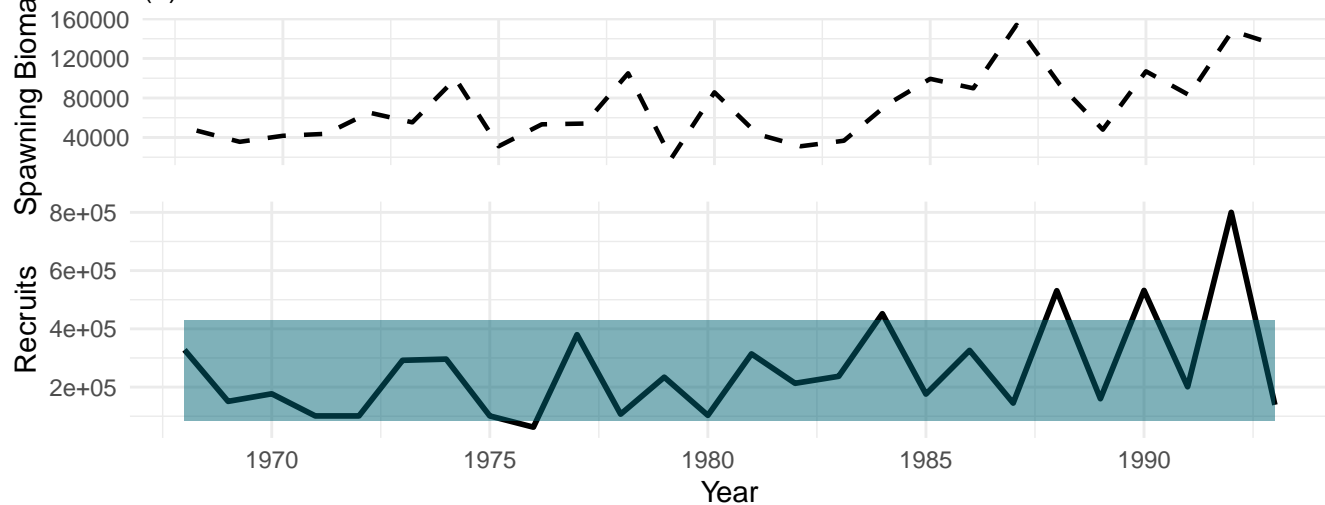


Chum salmon

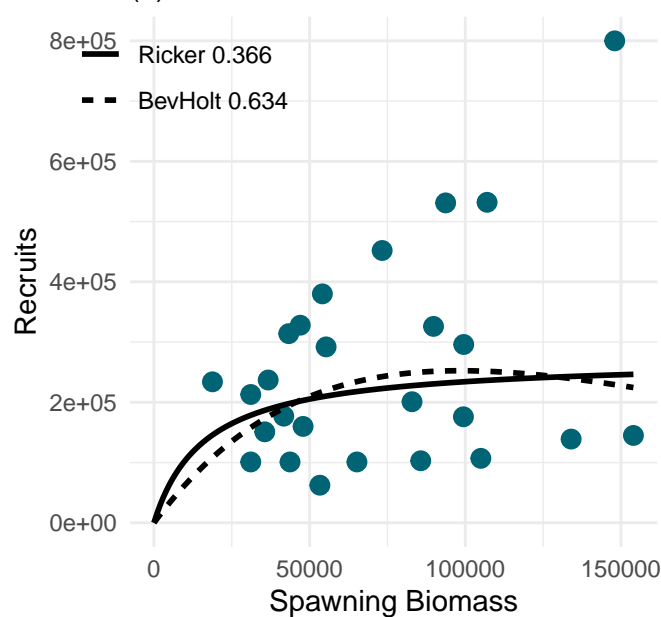
Oncorhynchus keta

Area ID: USA-WASTATE-SSOUNDFR

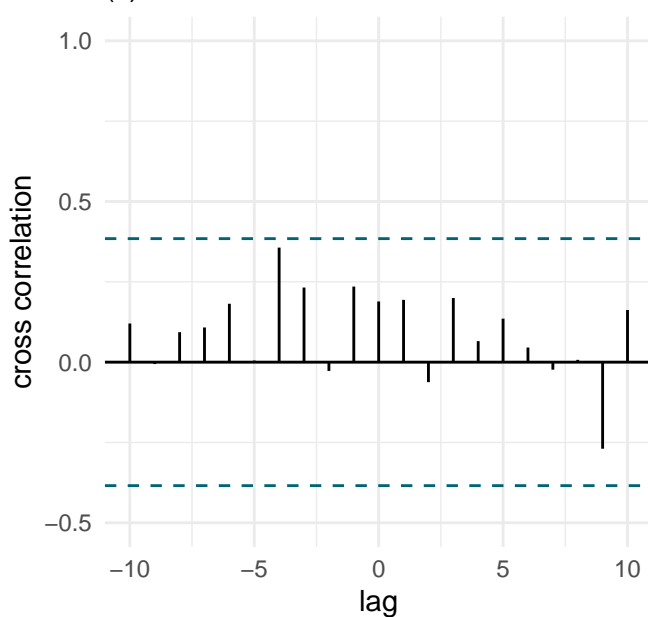
(a)



(b)



(c)

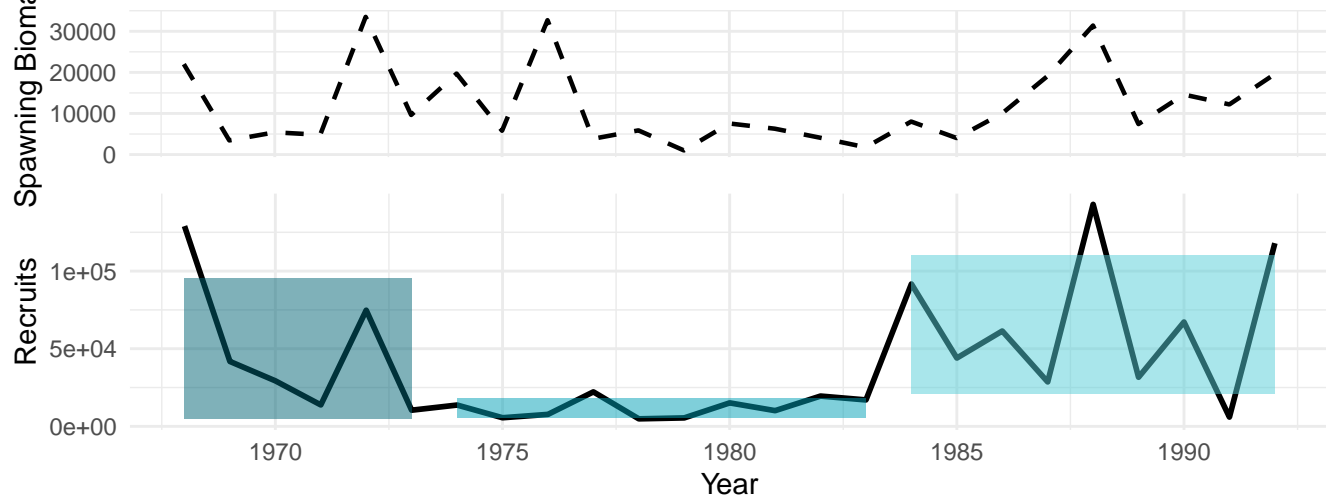


Chum salmon

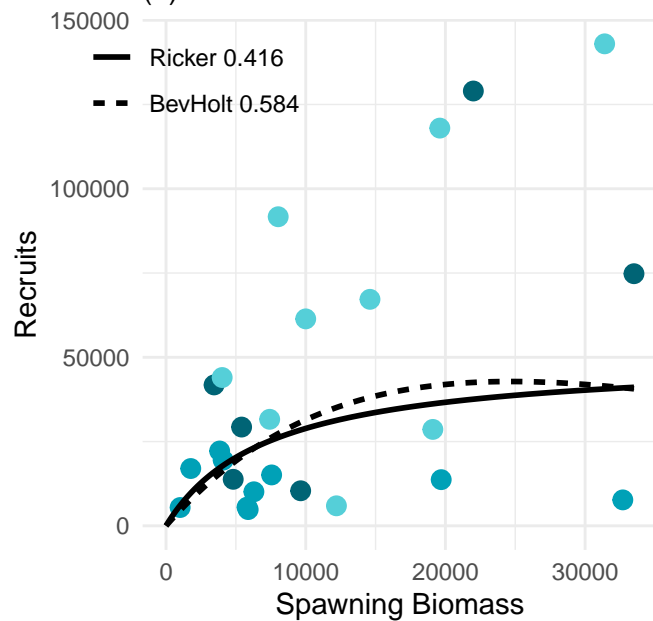
Oncorhynchus keta

Area ID: USA-WASTATE-SSOUNDSR

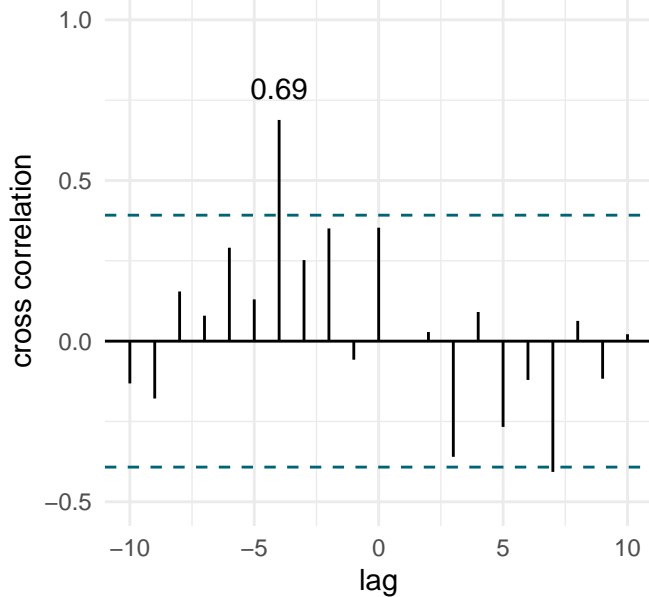
(a)



(b)



(c)

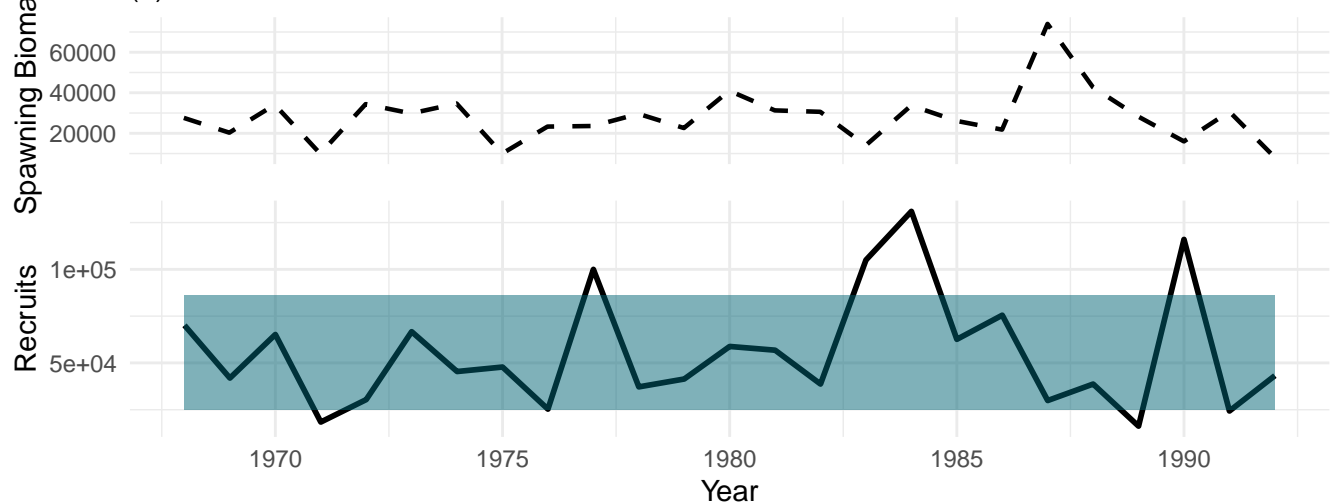


Chum salmon

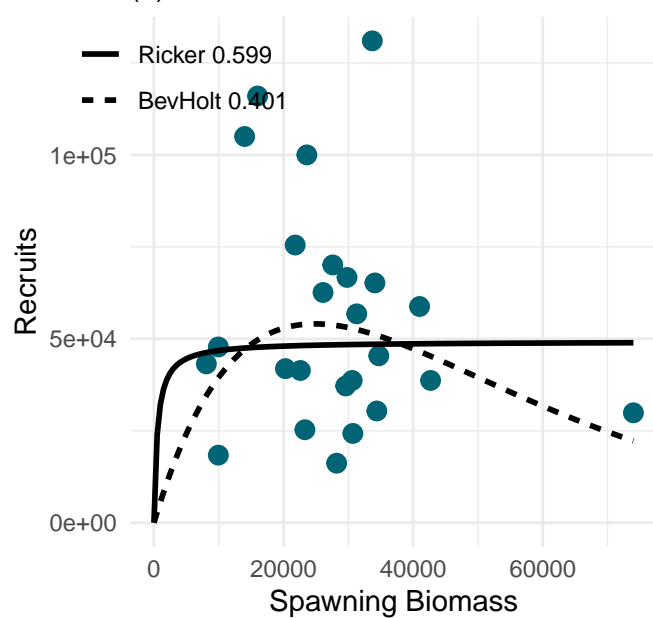
Oncorhynchus keta

Area ID: USA-WASTATE-SSOUNDWR

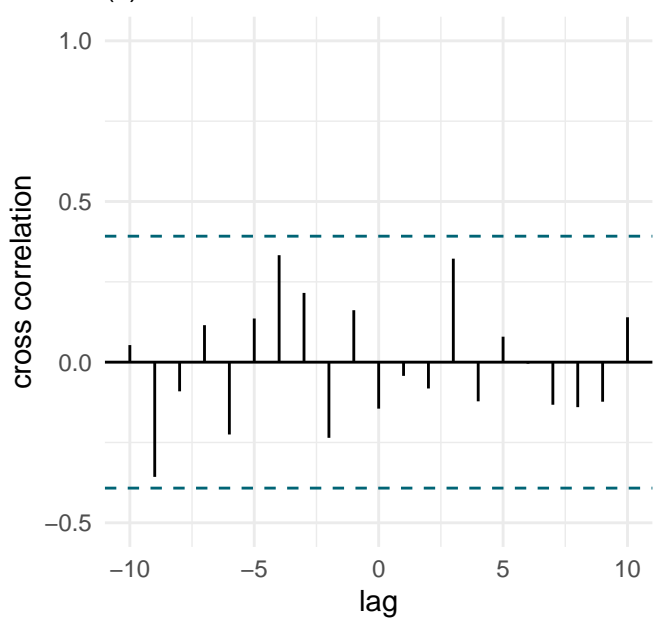
(a)



(b)



(c)

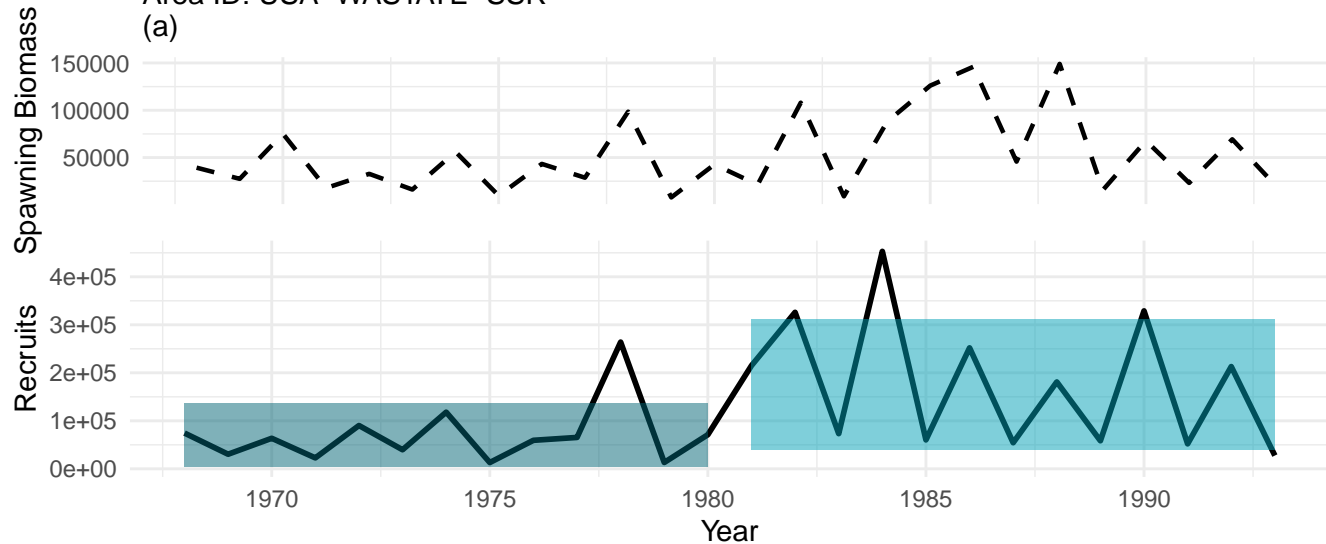


Chum salmon

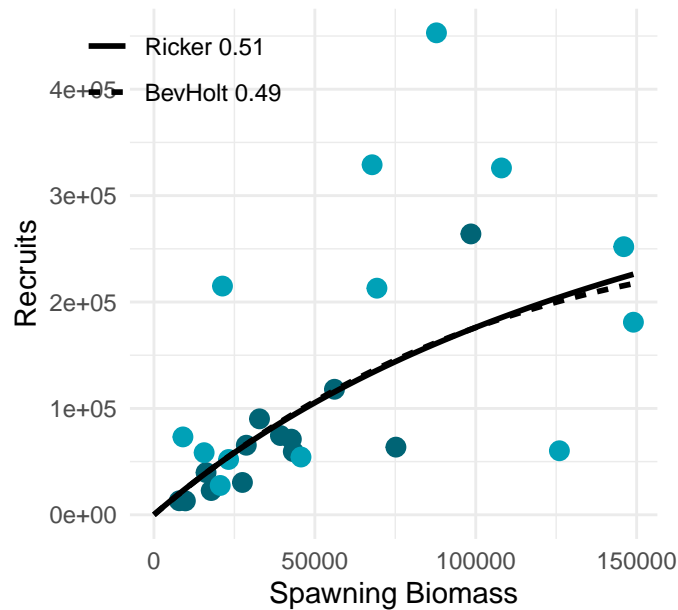
Oncorhynchus keta

Area ID: USA-WASTATE-SSR

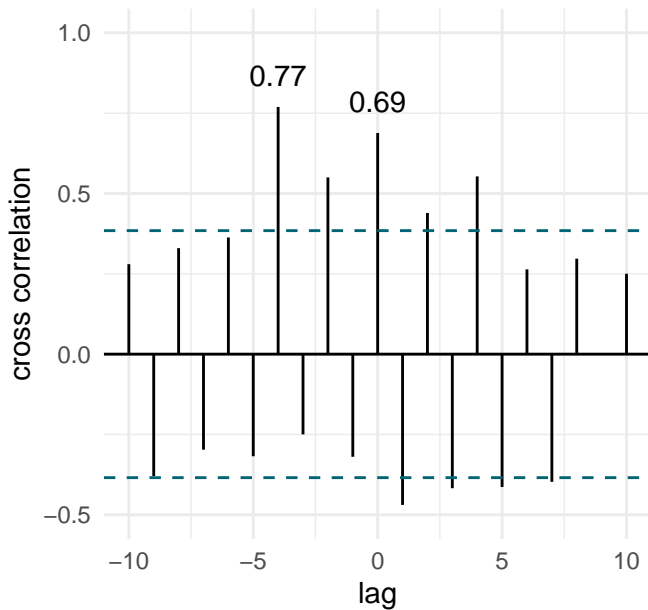
(a)



(b)



(c)

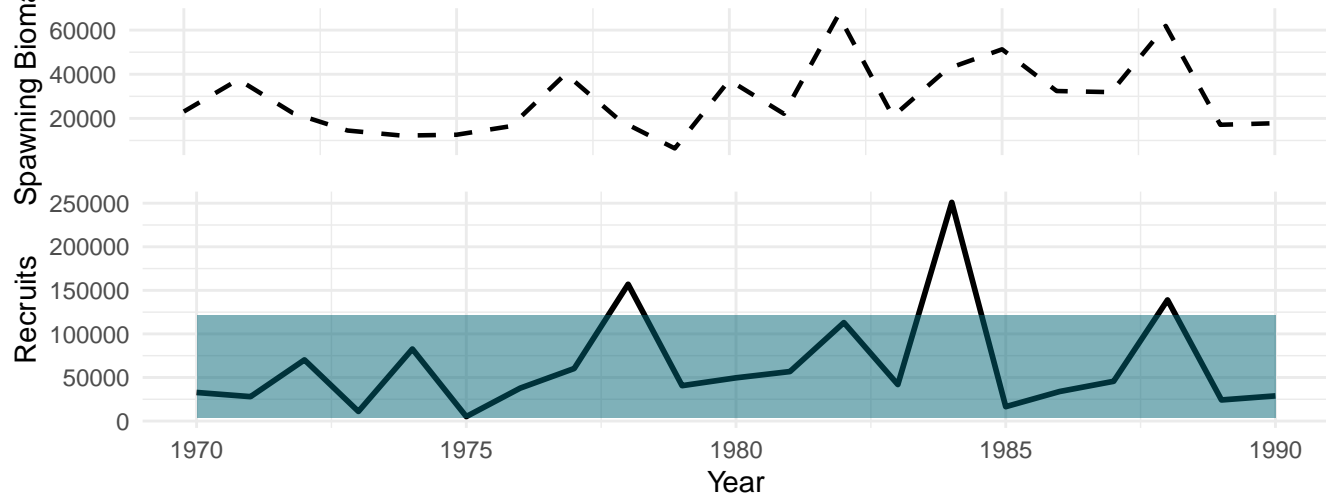


Chum salmon

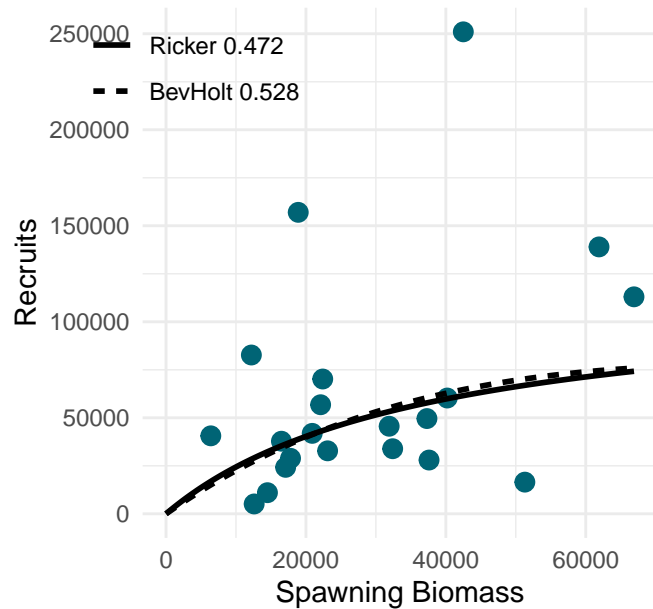
Oncorhynchus keta

Area ID: USA-WASTATE-WILLB

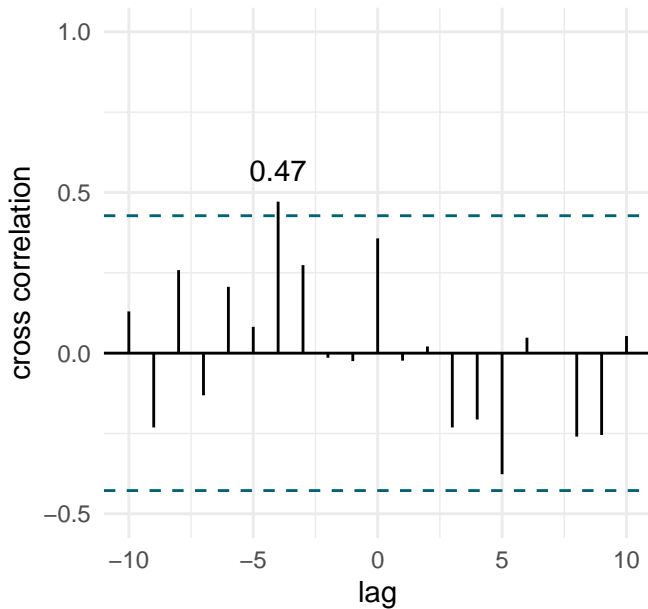
(a)



(b)



(c)

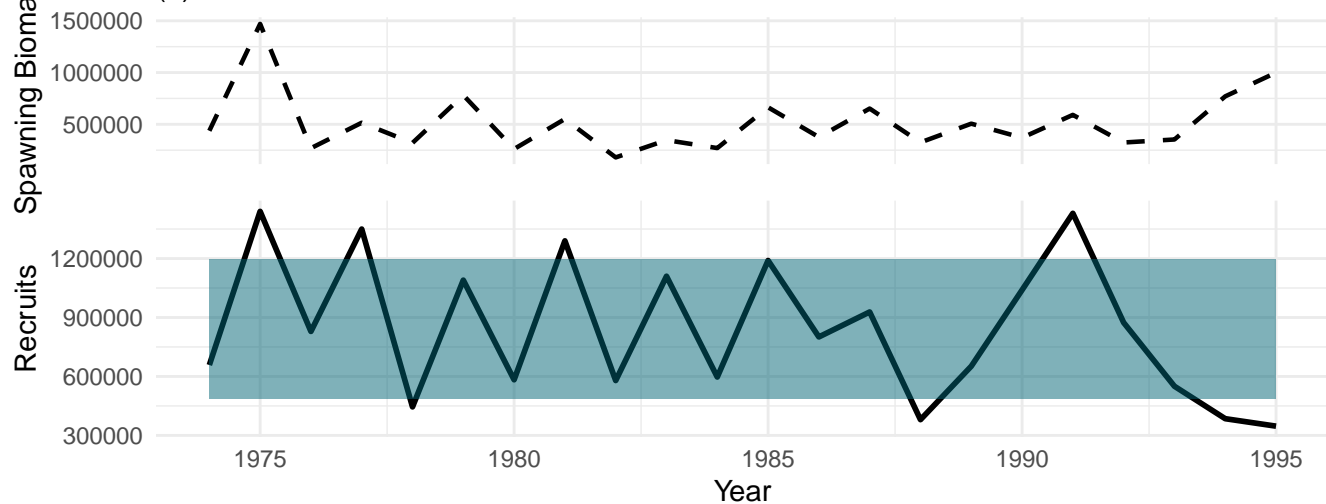


Chum salmon

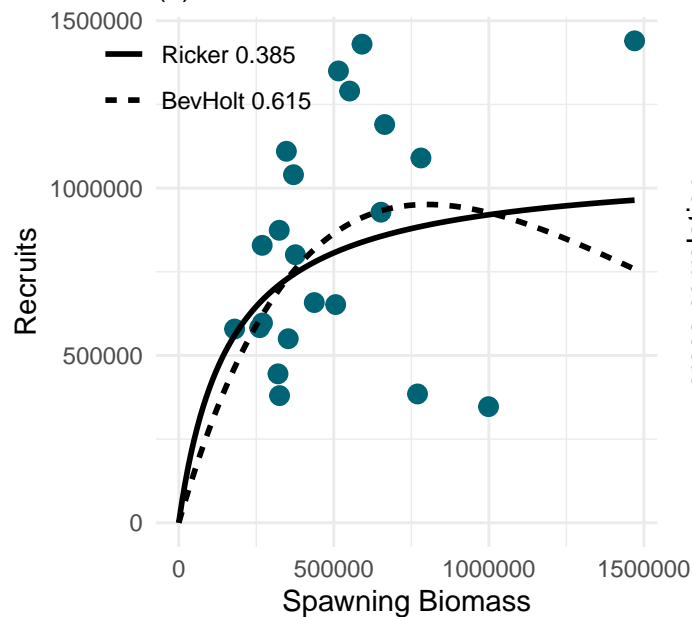
Oncorhynchus keta

Area ID: USA-AKSTATE-YUKONRFR

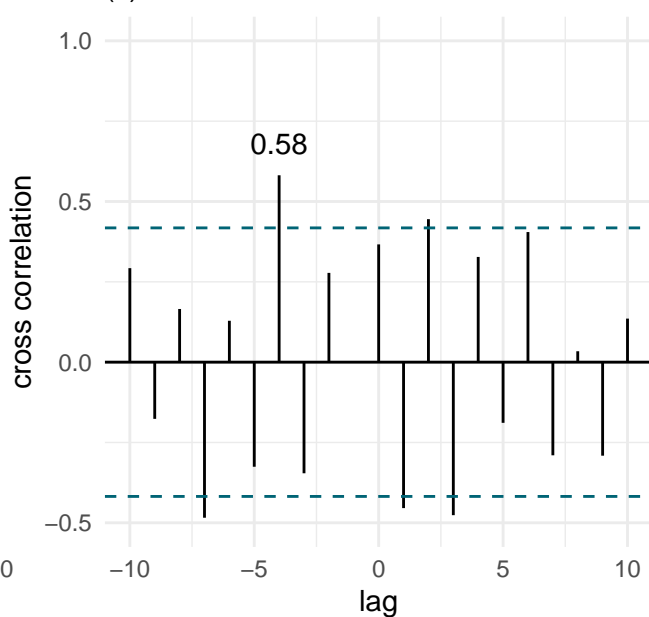
(a)



(b)



(c)

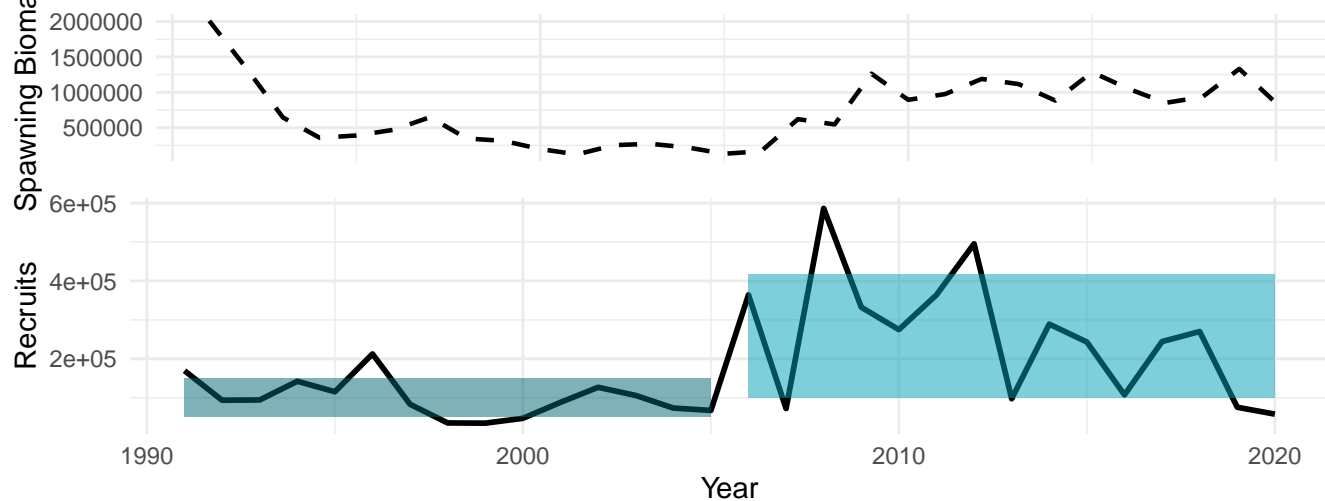


Chilean sardine

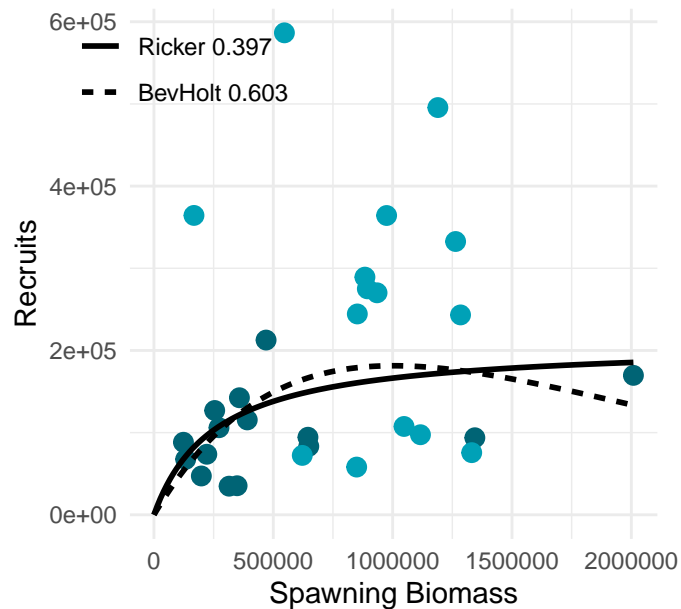
Strangomera bentincki

Area ID: Chile-SUBPESCA-CH-CS

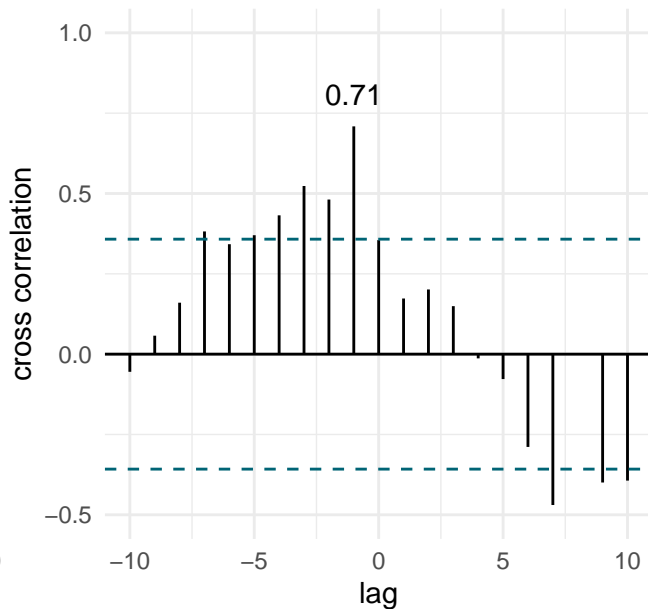
(a)



(b)



(c)

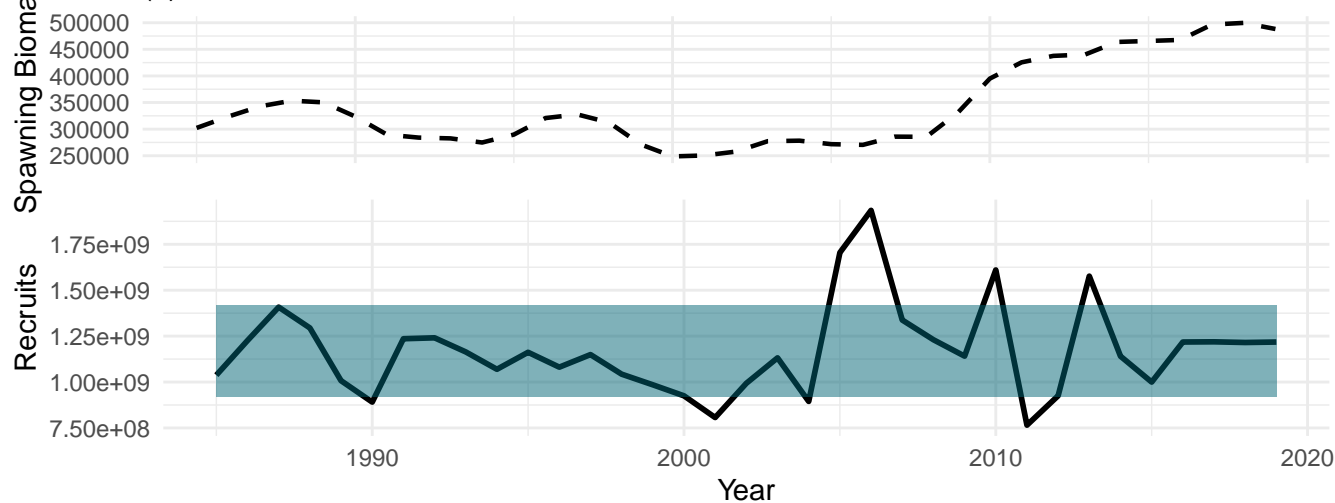


Cape horse mackerel

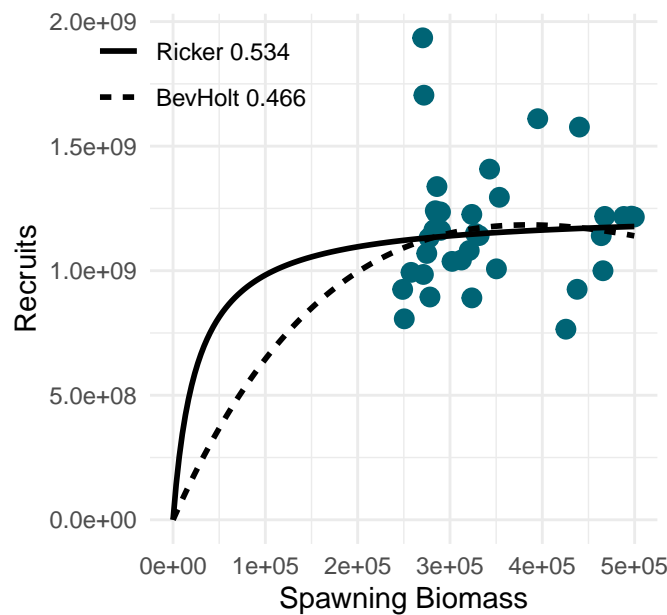
Trachurus capensis

Area ID: South Africa-DETMCM-SASC

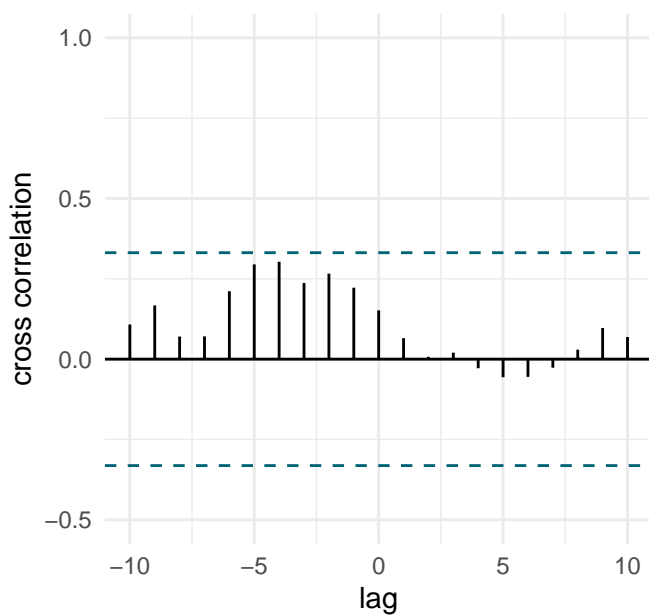
(a)



(b)



(c)

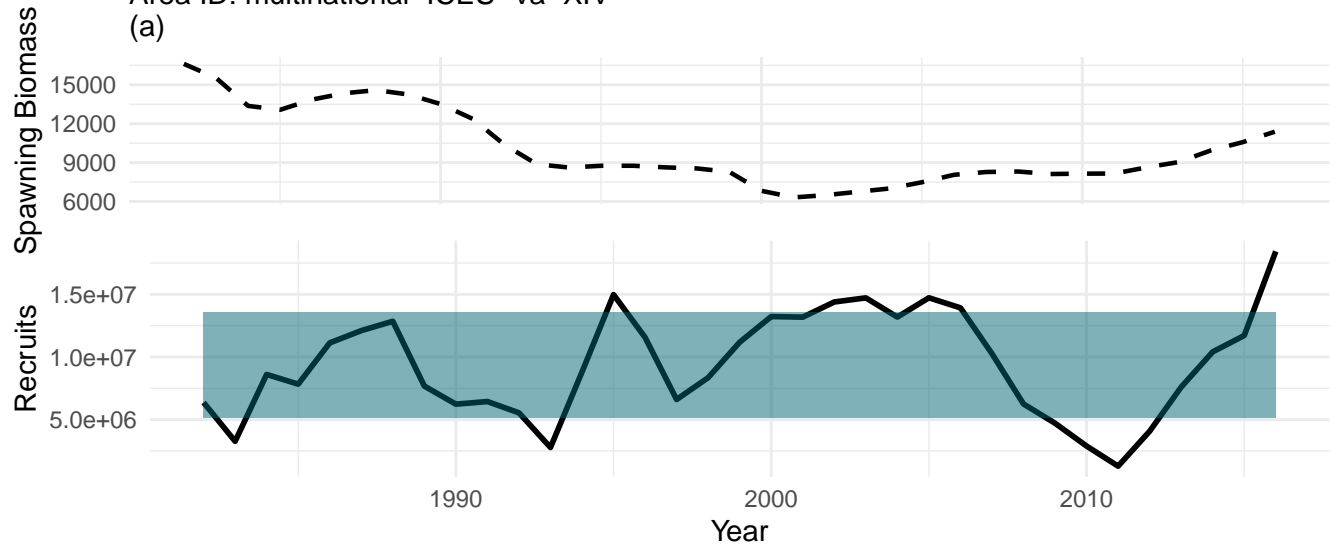


Tusk

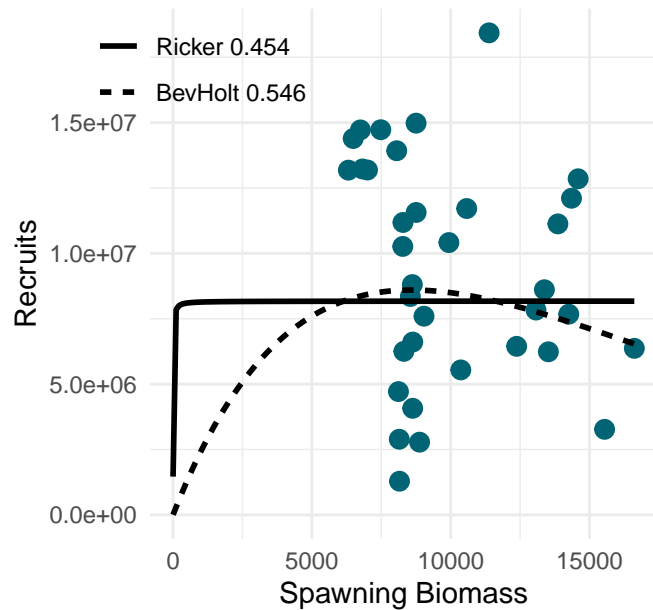
Brosme brosme

Area ID: multinational-ICES-Va-XIV

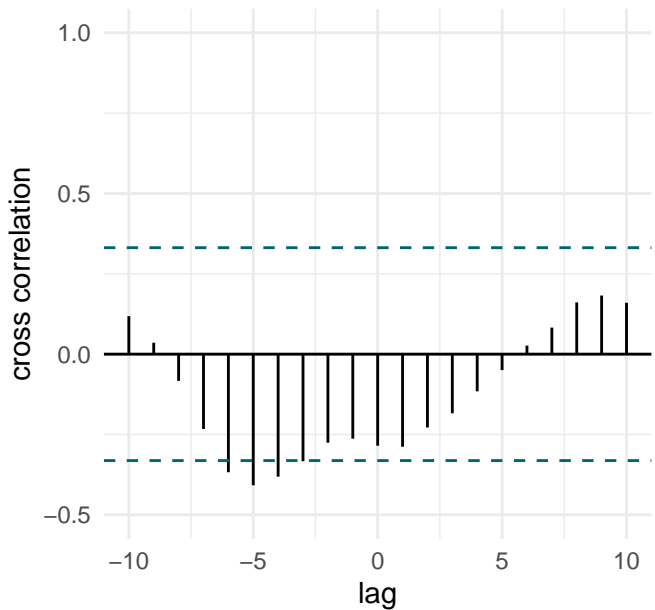
(a)



(b)



(c)

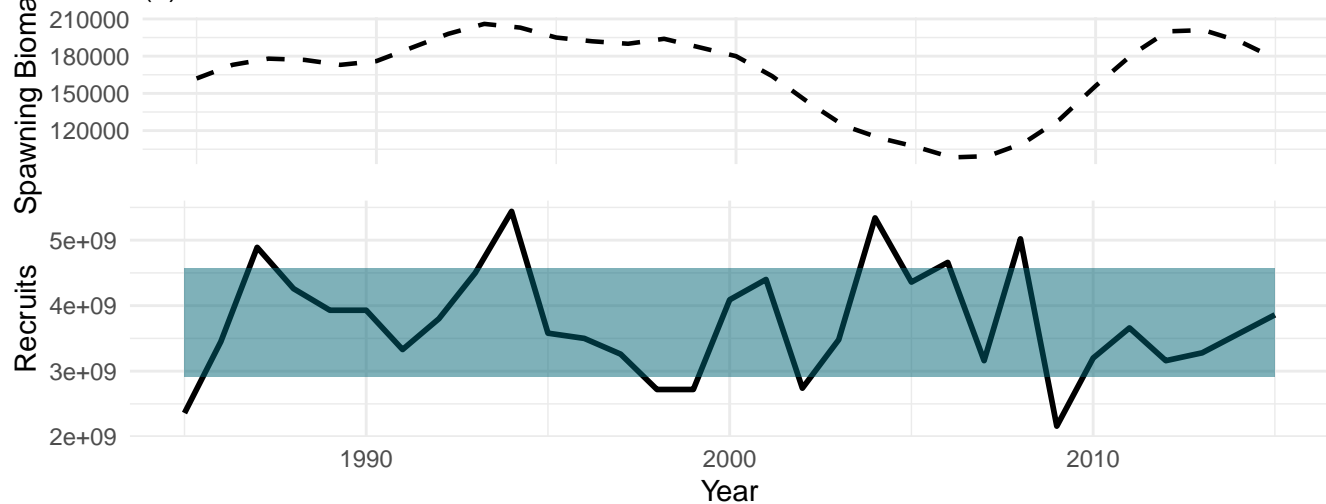


Deep water cape hake

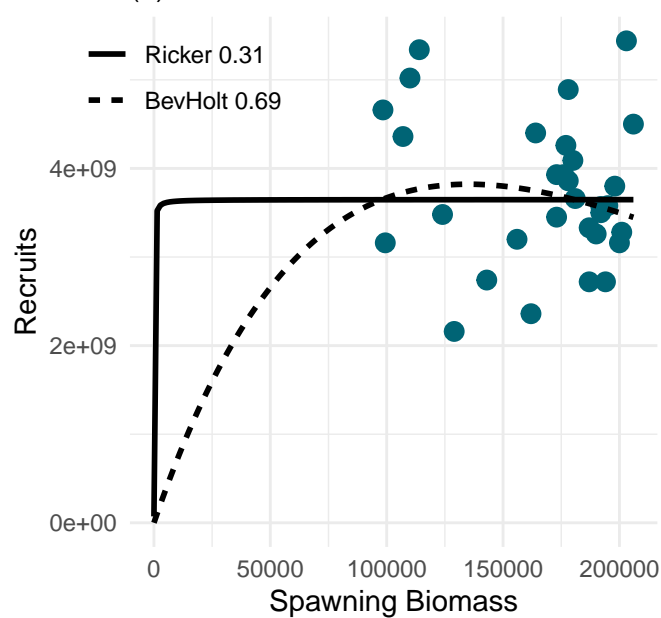
Merluccius paradoxus

Area ID: South Africa–DETMCM–SA

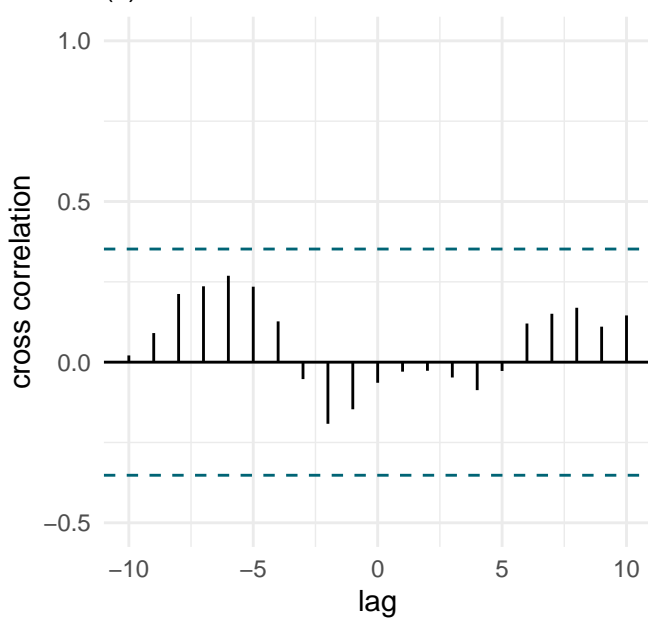
(a)



(b)



(c)

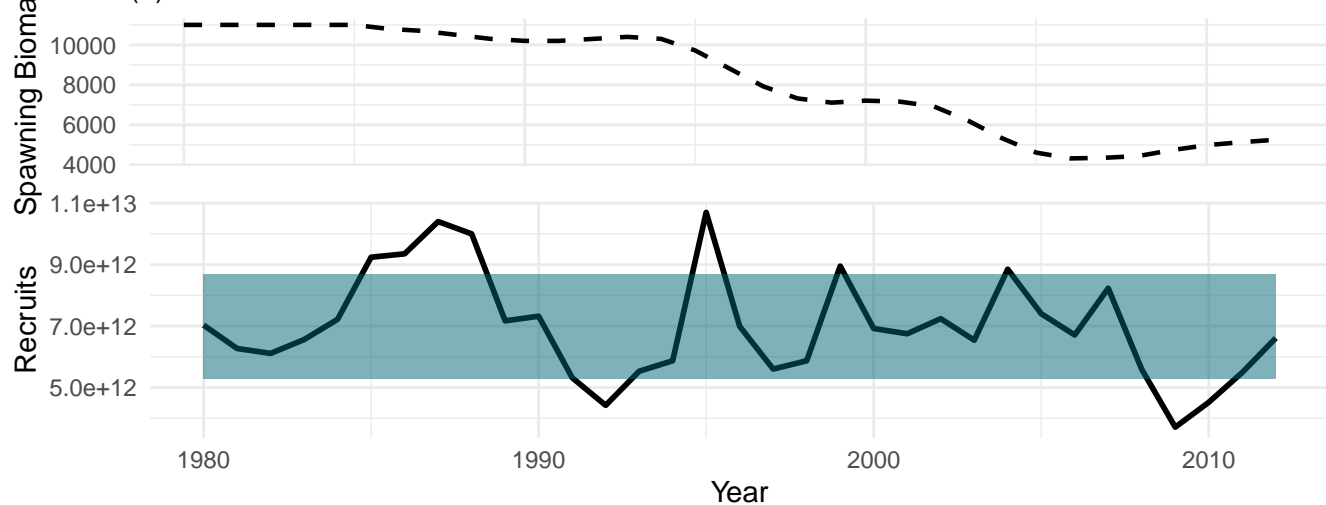


Deepwater flathead

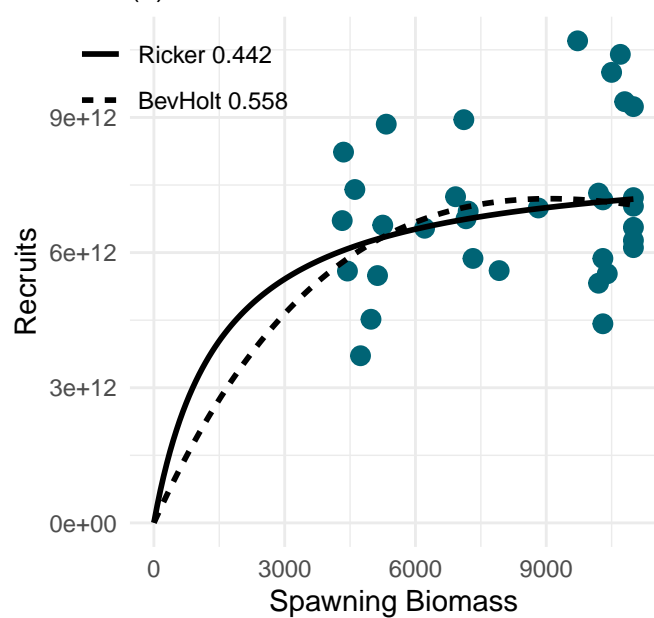
Platycephalus conatus

Area ID: Australia-AFMA-SE

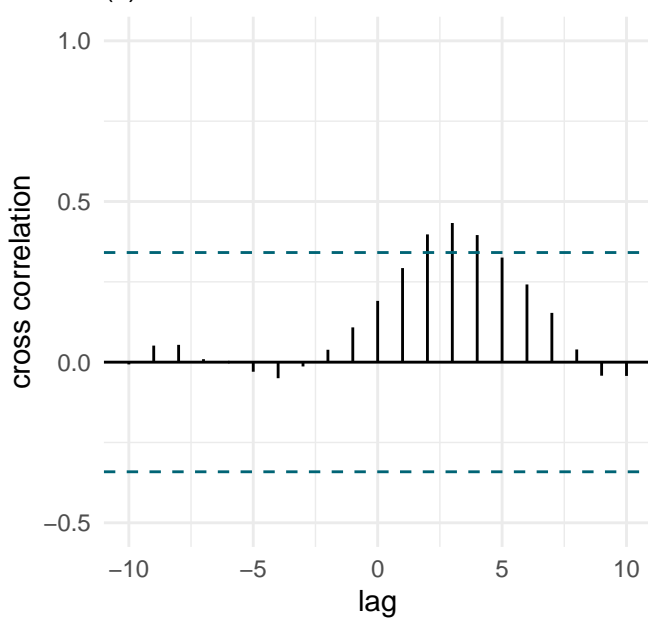
(a)



(b)



(c)

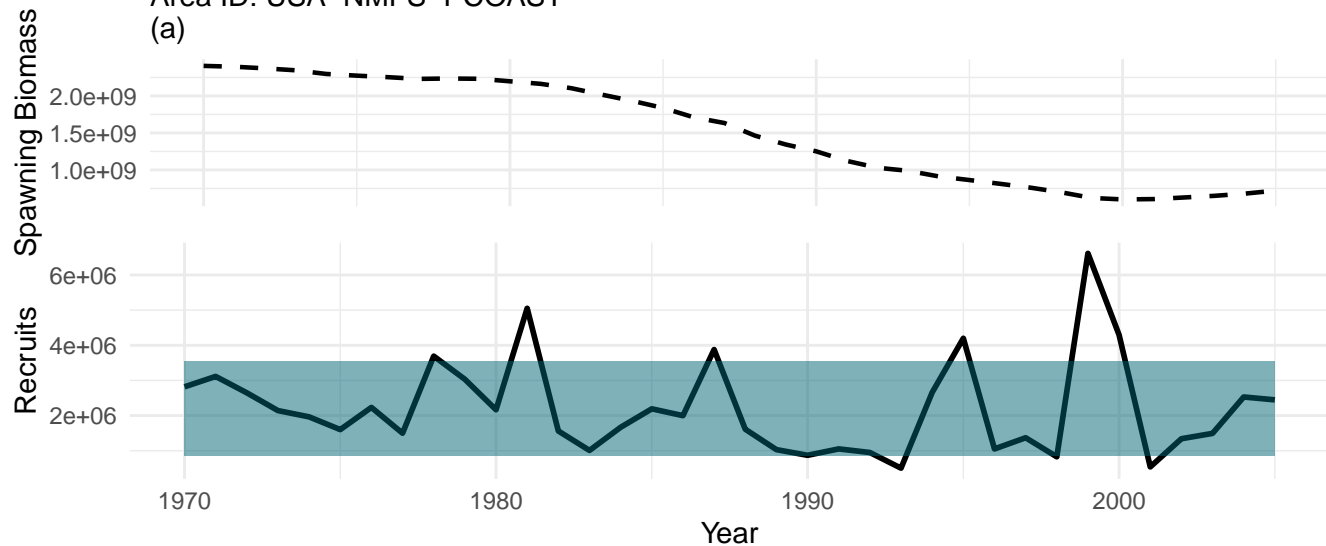


Darkblotched rockfish

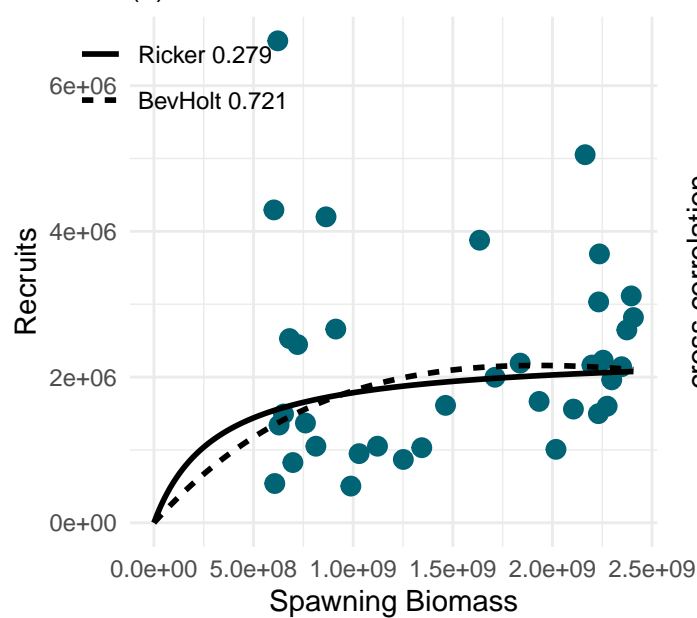
Sebastes crameri

Area ID: USA-NMFS-PCOAST

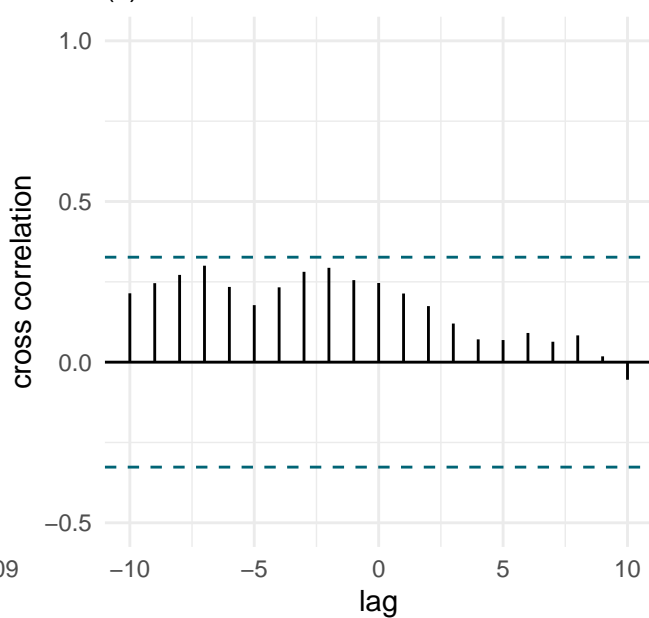
(a)



(b)



(c)

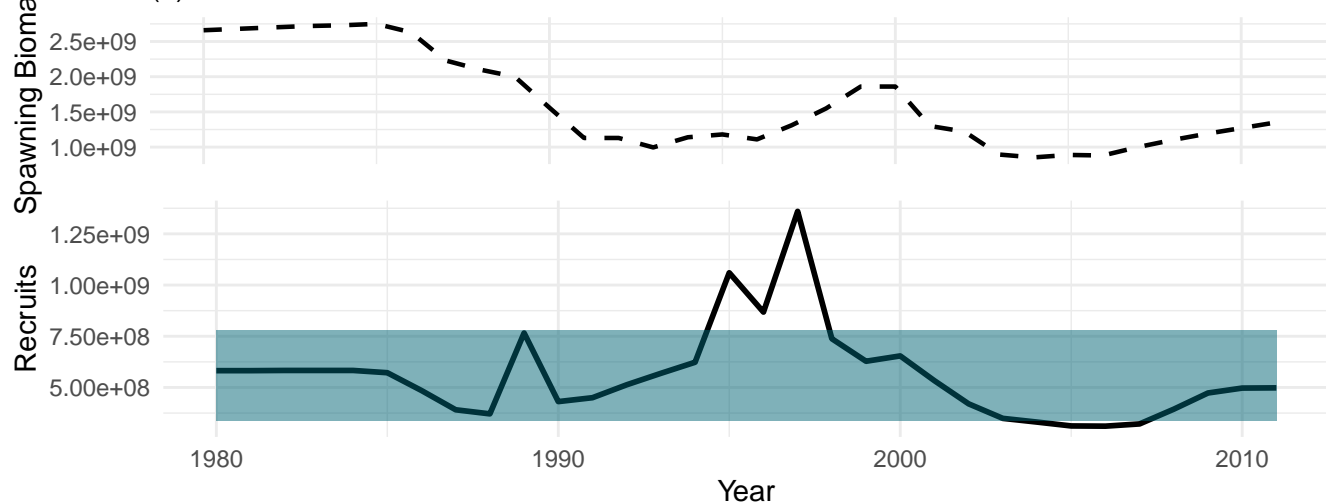


Dredge oyster

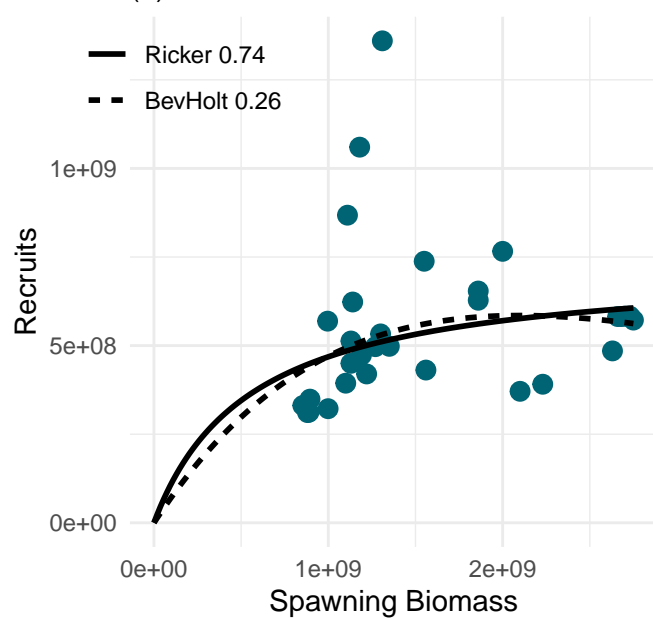
Ostrea chilensis

Area ID: New Zealand-MFish-FS

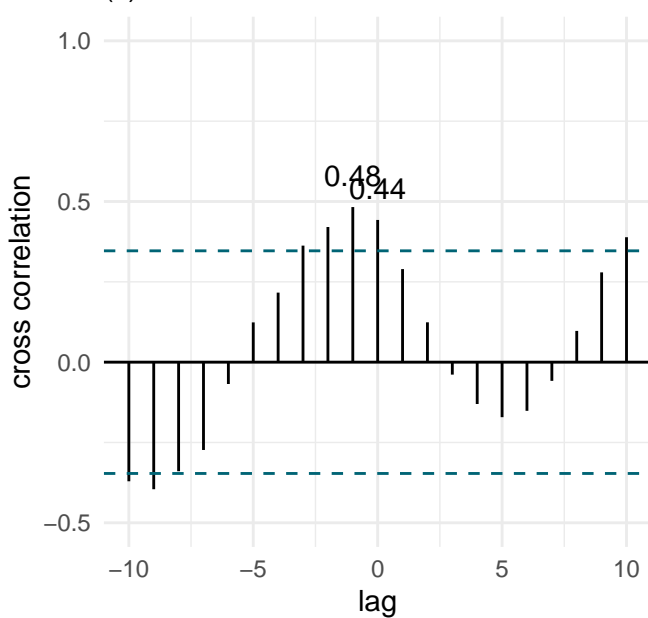
(a)



(b)



(c)

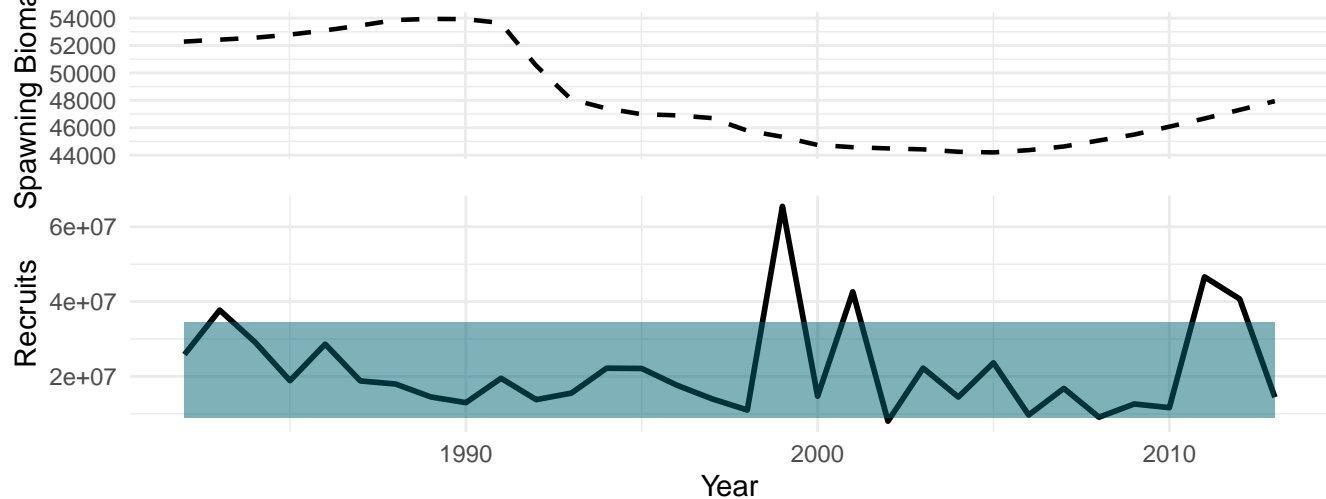


Dover sole

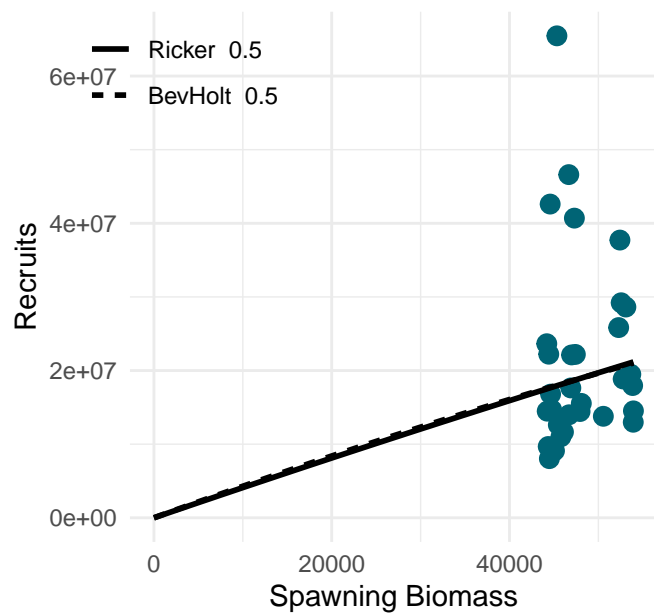
Microstomus pacificus

Area ID: USA-NMFS-GA

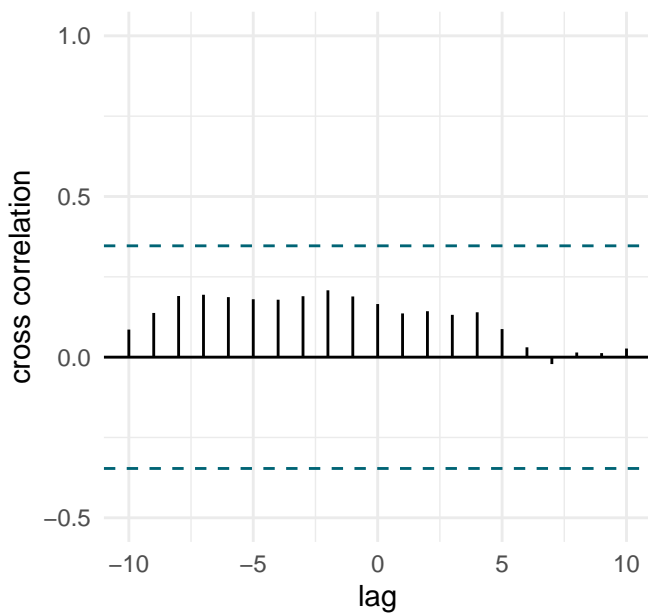
(a)



(b)



(c)

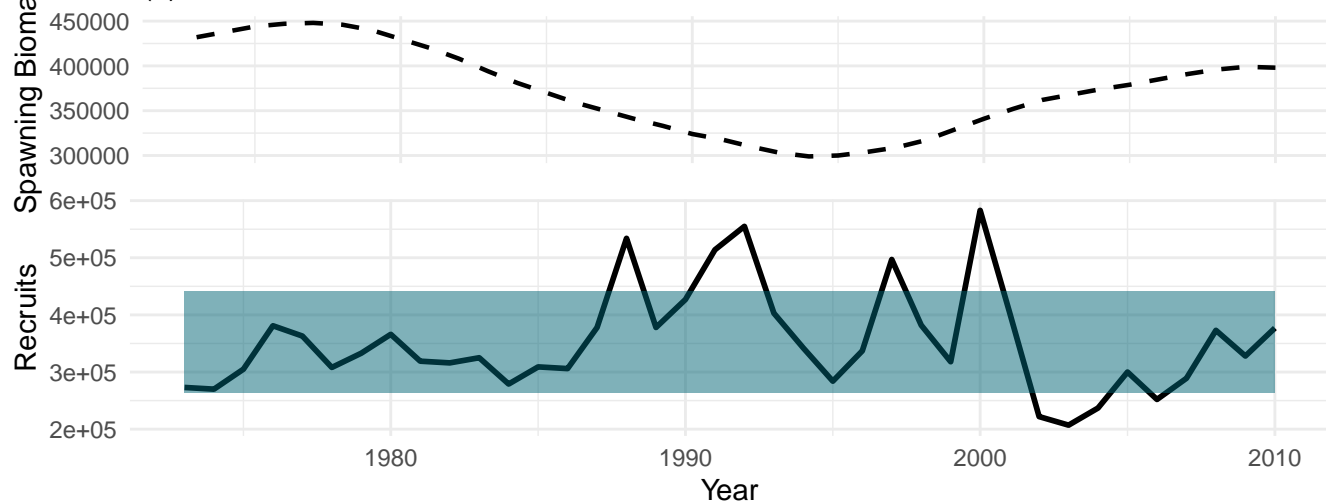


Dover sole

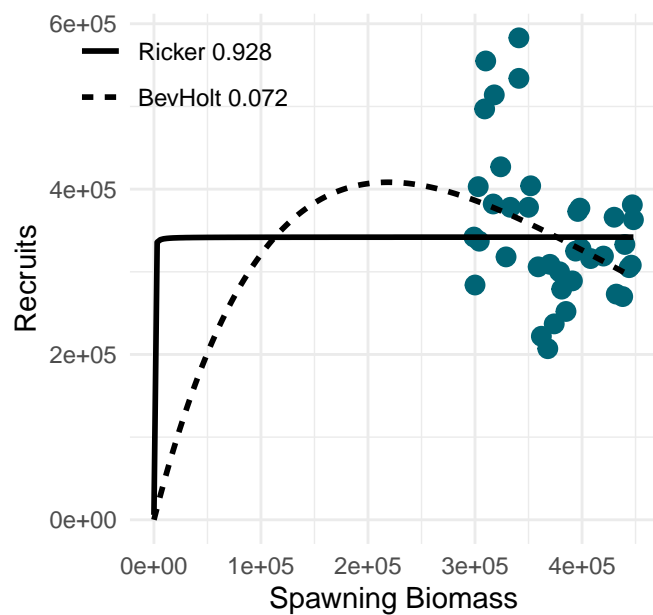
Microstomus pacificus

Area ID: USA-NMFS-PCOAST

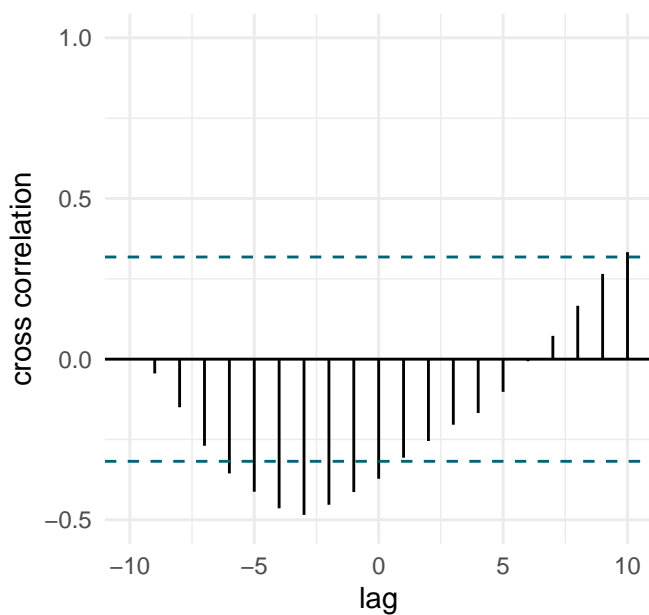
(a)



(b)



(c)

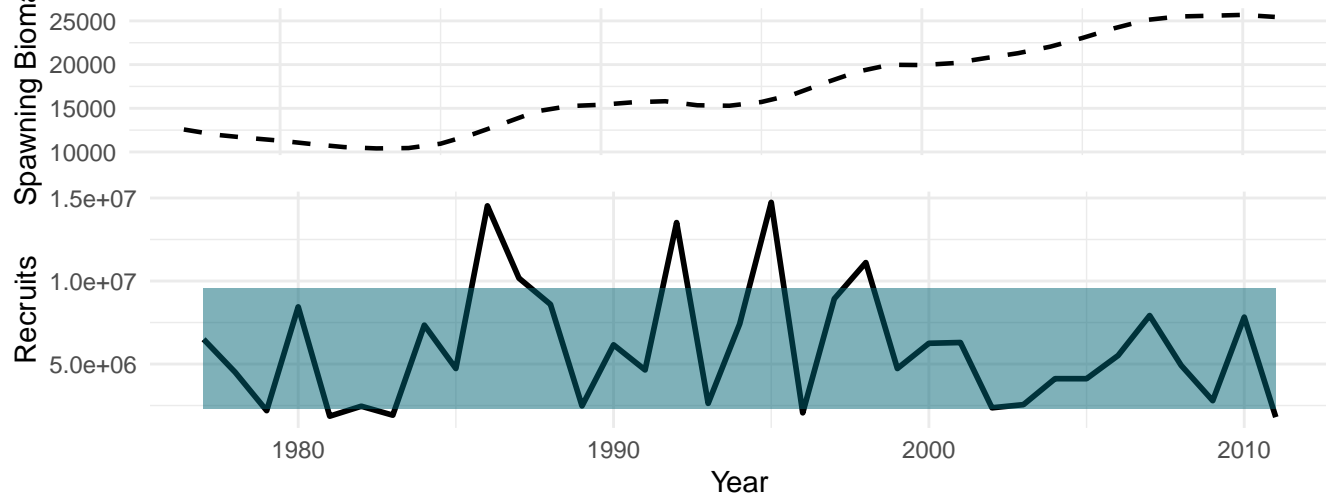


Dusky rockfish

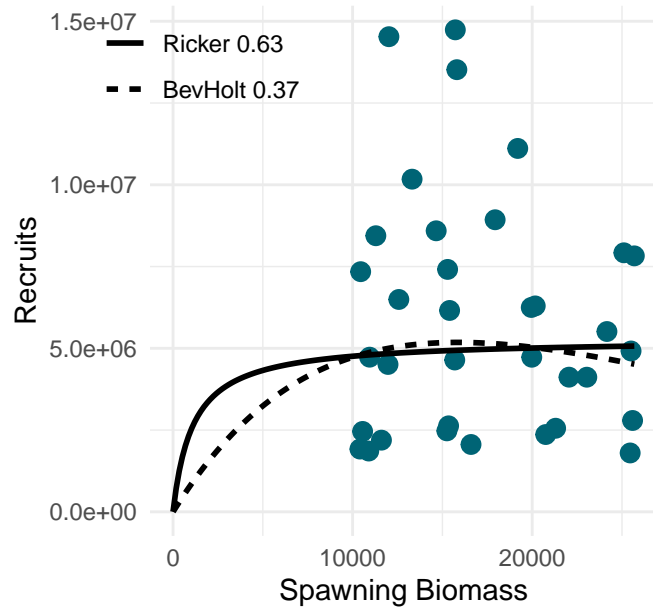
Sebastes variabilis

Area ID: USA-NMFS-GA

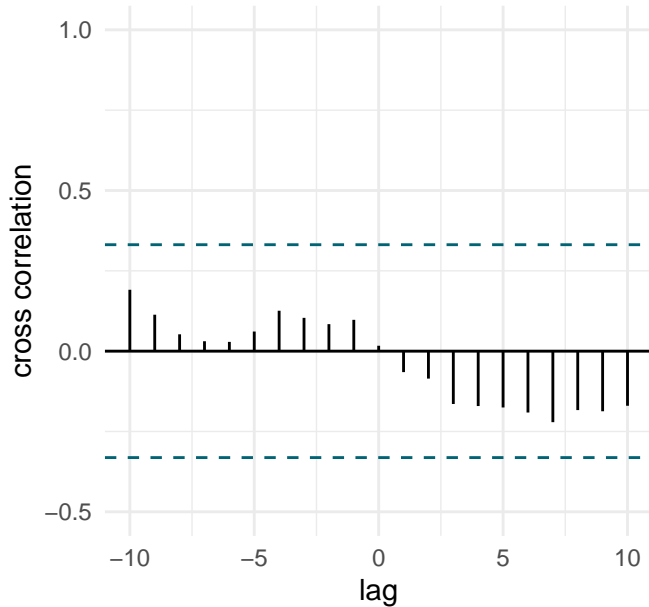
(a)



(b)



(c)

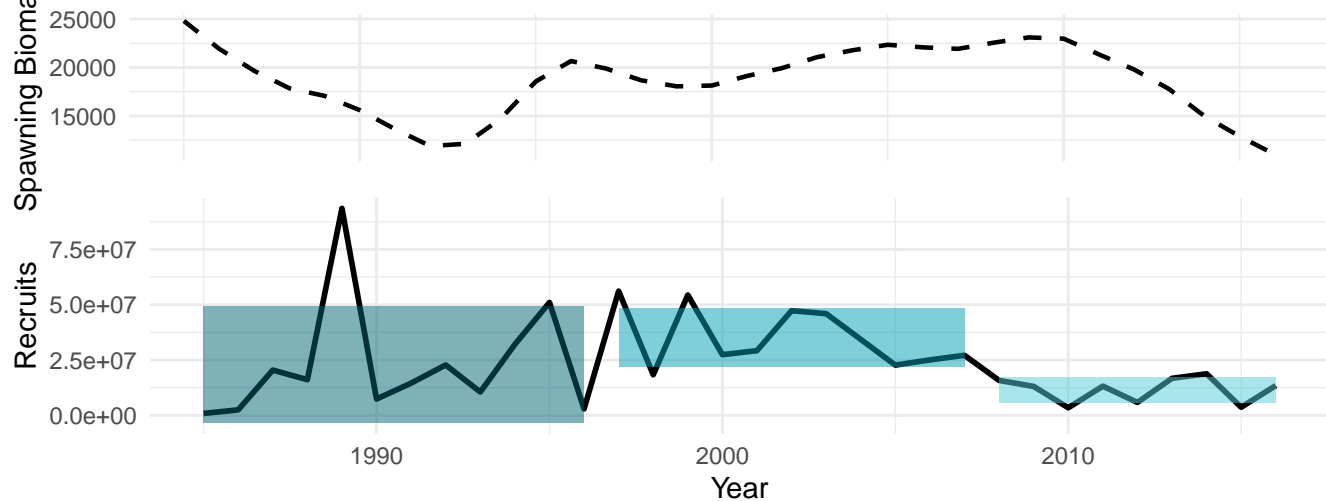


European seabass

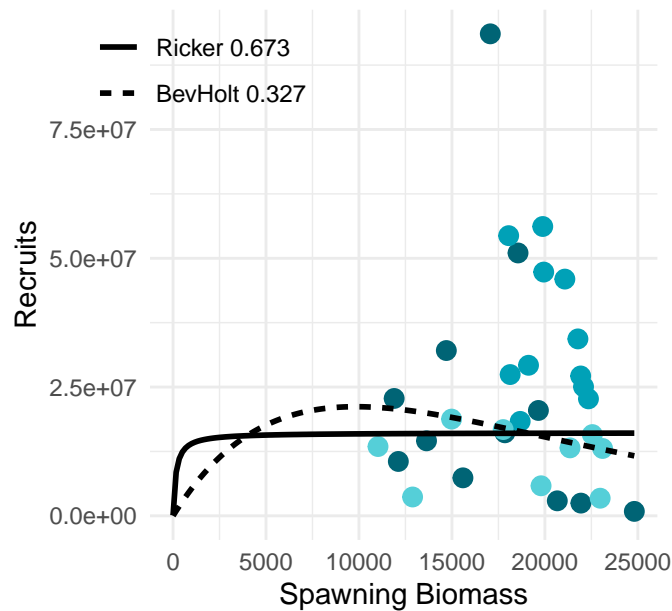
Dicentrarchus labrax

Area ID: multinational-ICES-IVbc-VII

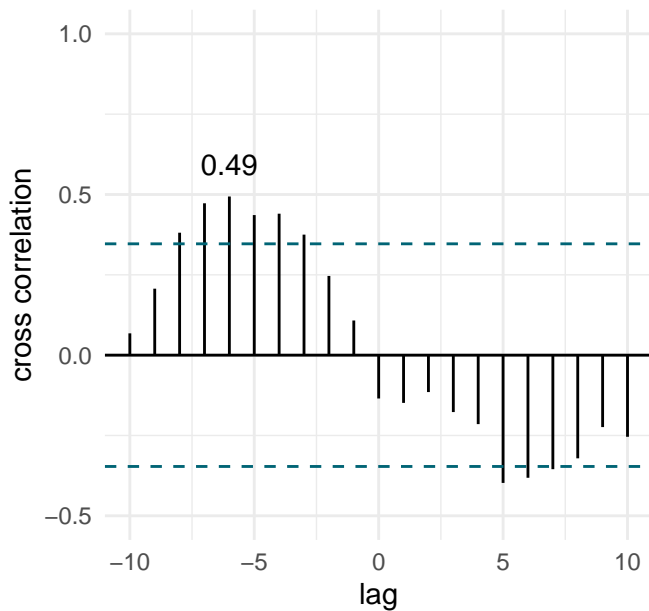
(a)



(b)



(c)

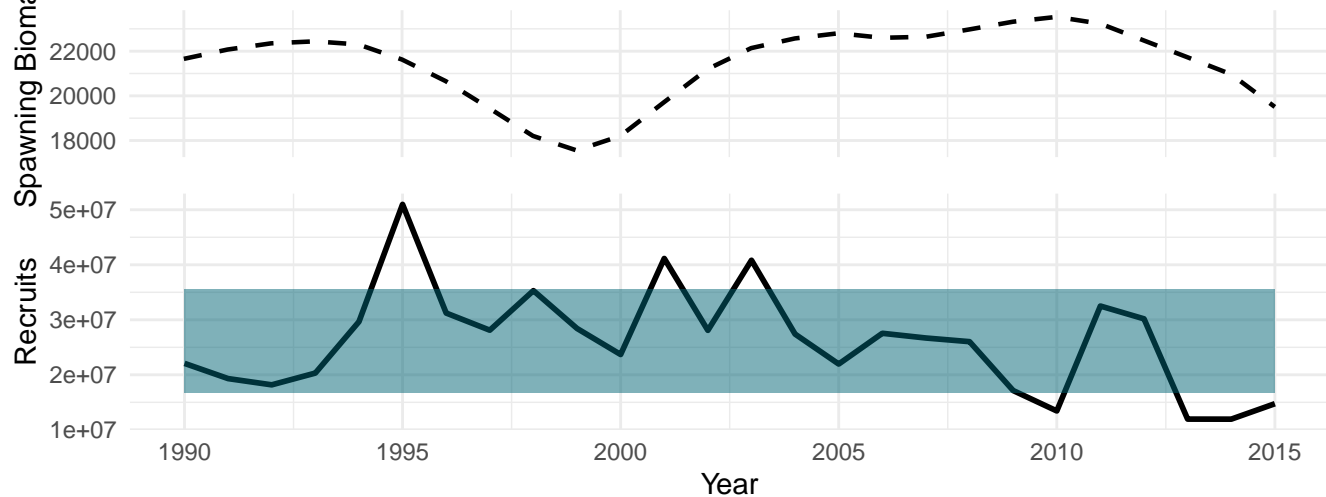


European seabass

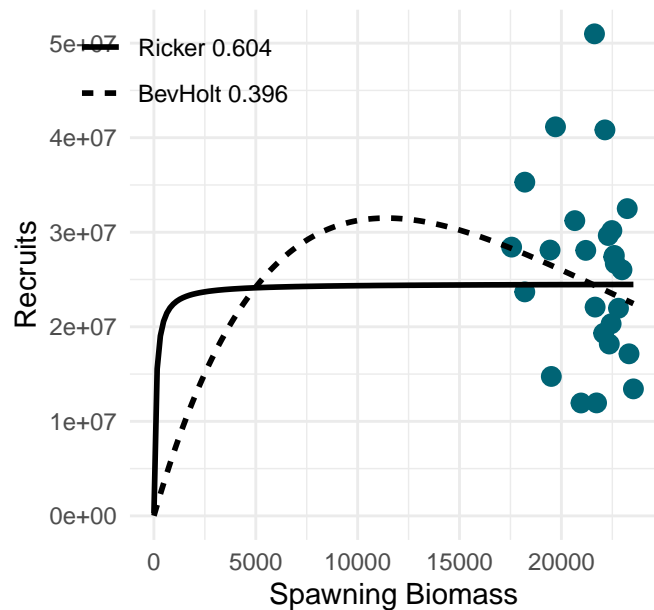
Dicentrarchus labrax

Area ID: multinational-ICES-VIIIab

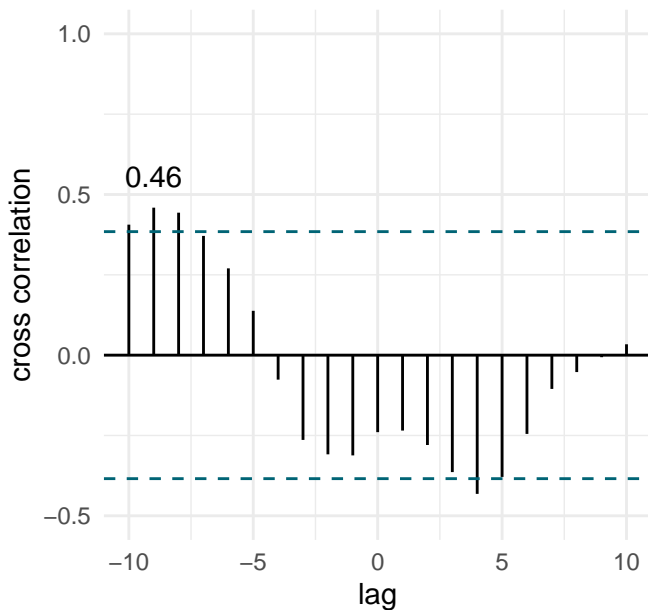
(a)



(b)



(c)

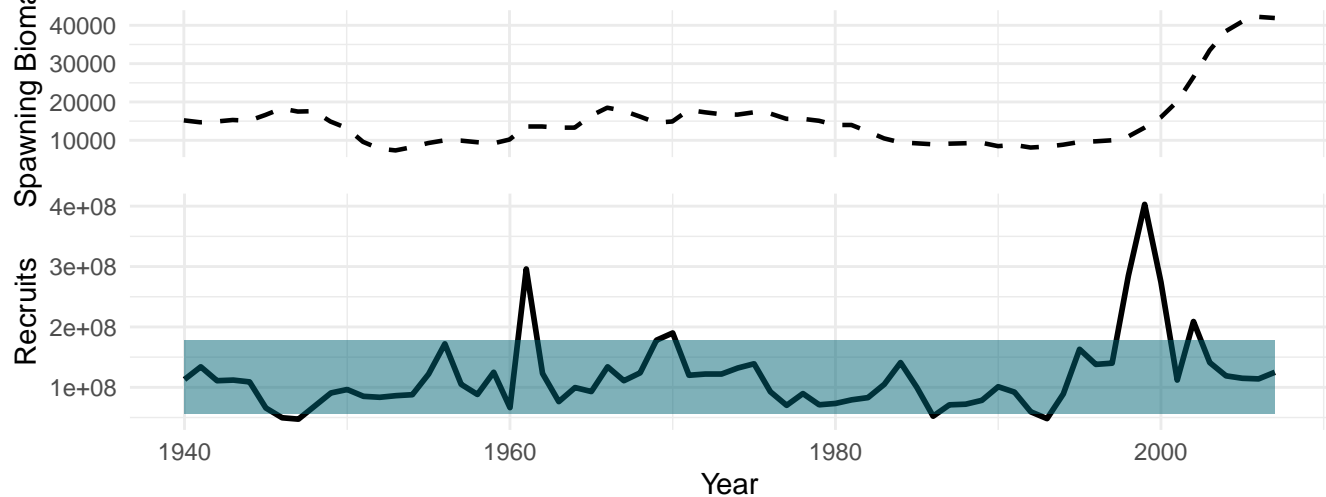


English sole

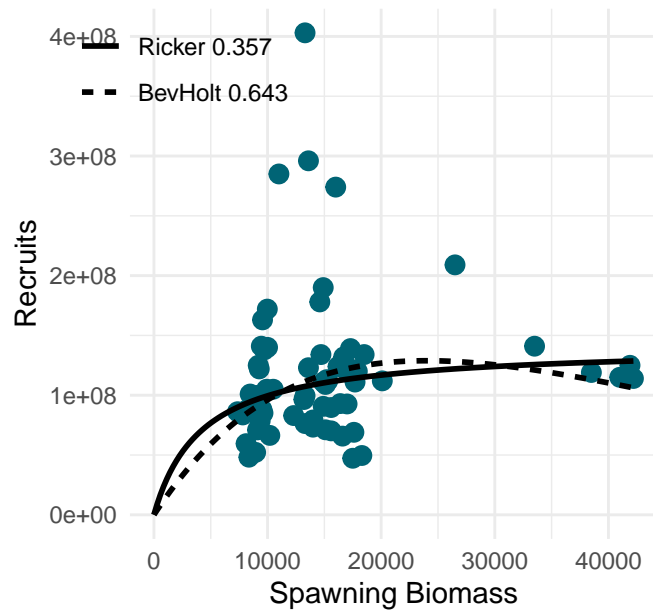
Parophrys vetulus

Area ID: USA-NMFS-PCOAST

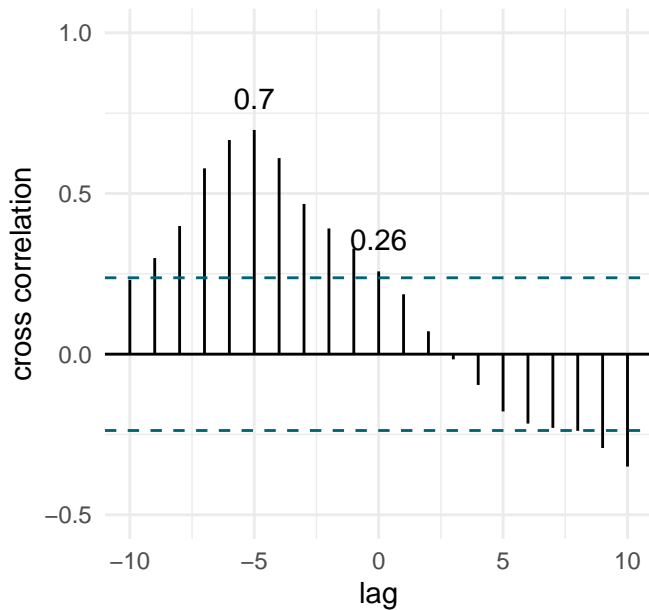
(a)



(b)



(c)

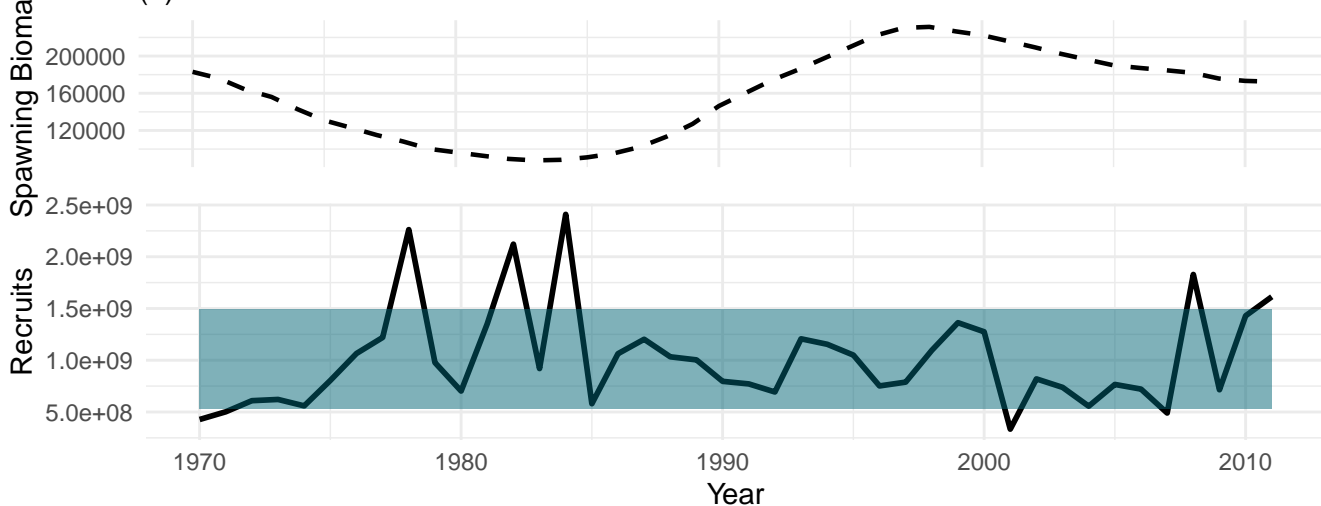


Flathead sole

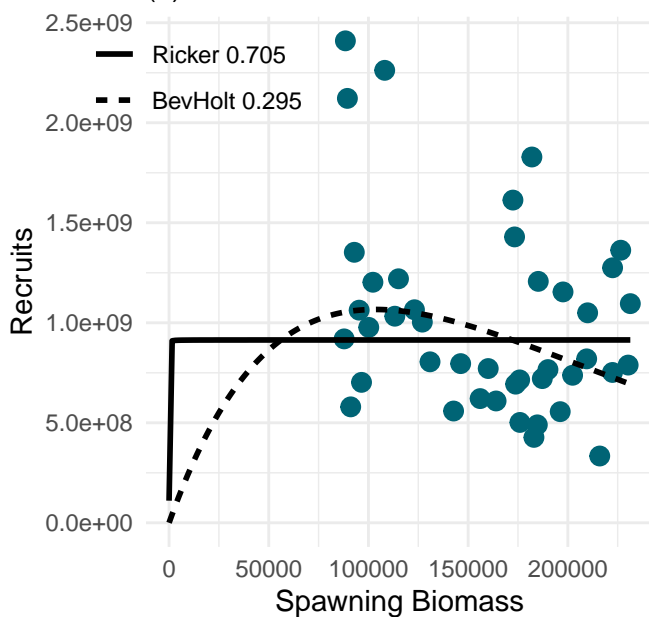
Hippoglossoides elassodon

Area ID: USA-NMFS-BSAI

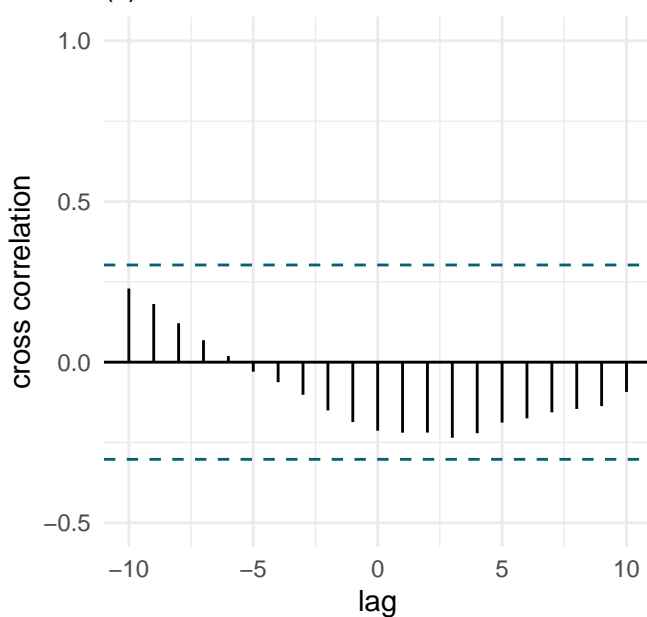
(a)



(b)



(c)

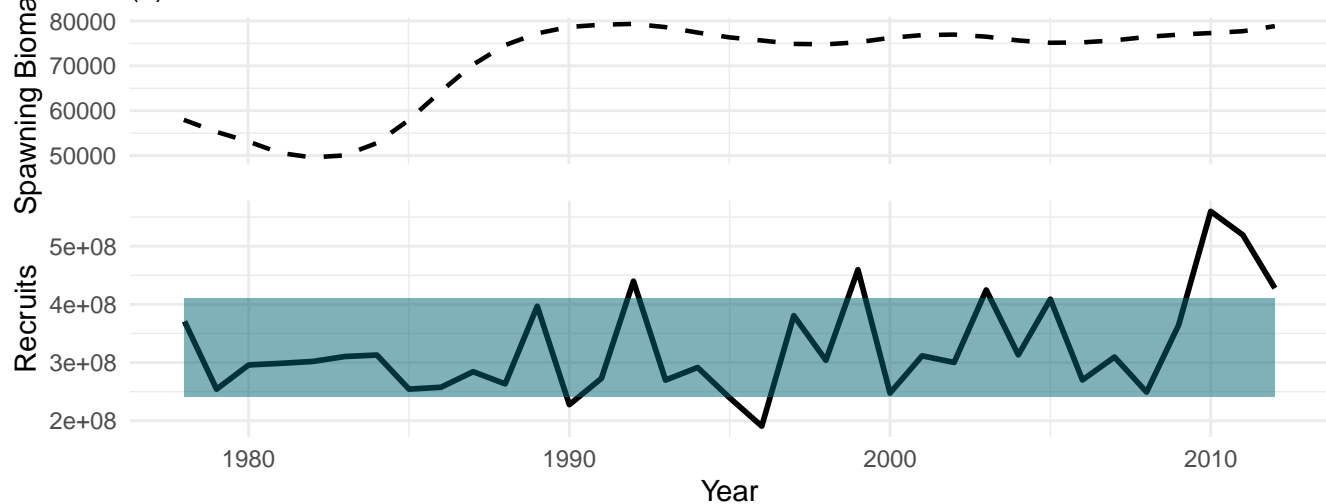


Flathead sole

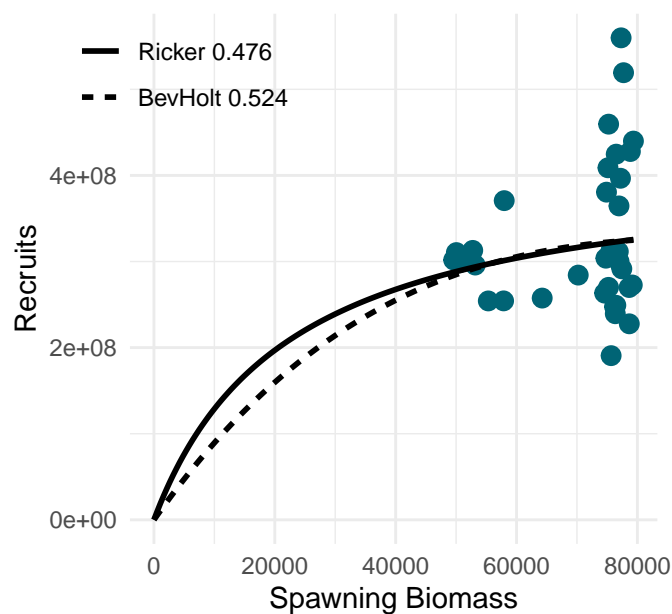
Hippoglossoides elassodon

Area ID: USA-NMFS-GA

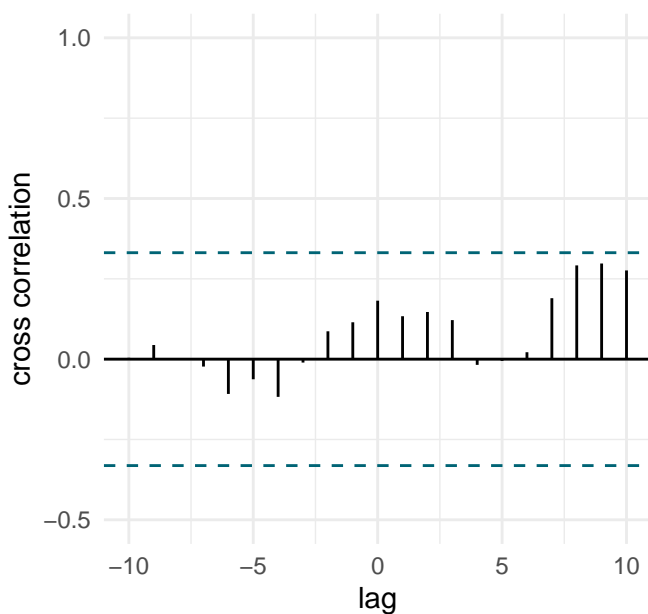
(a)



(b)



(c)

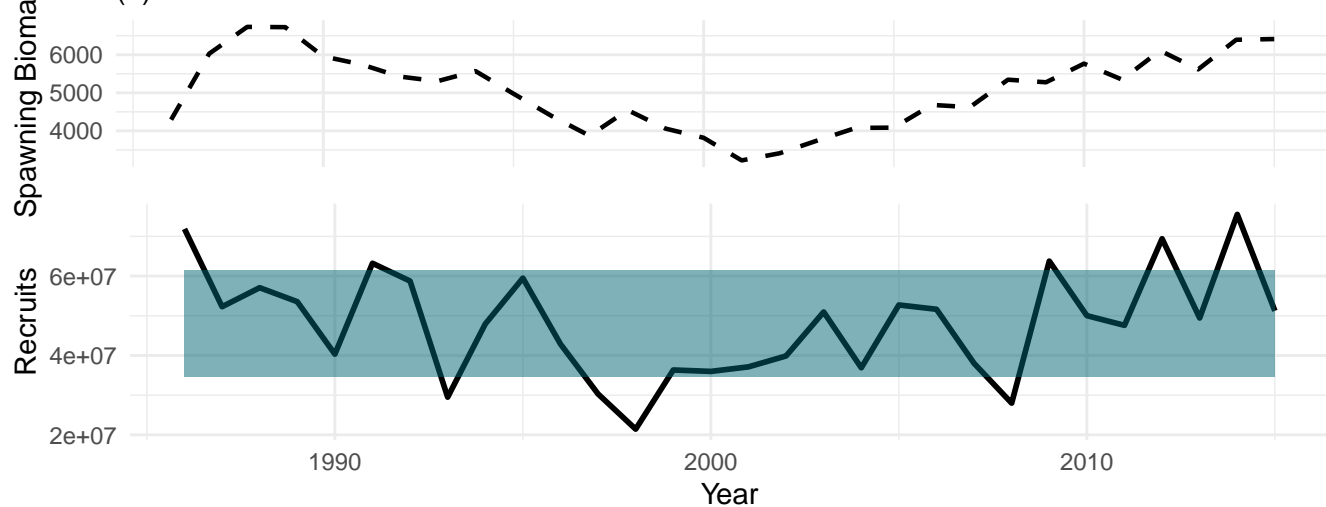


Fourspotted megrim

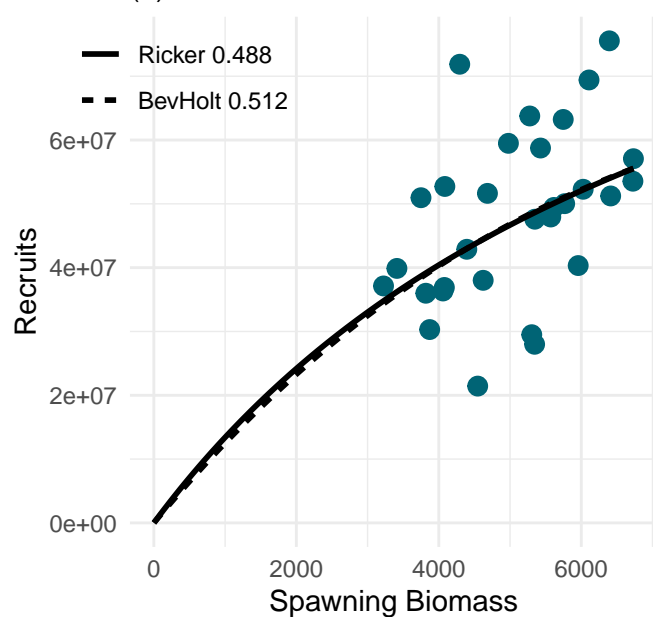
Lepidorhombus boscii

Area ID: multinational-ICES-VIIIc-IXa

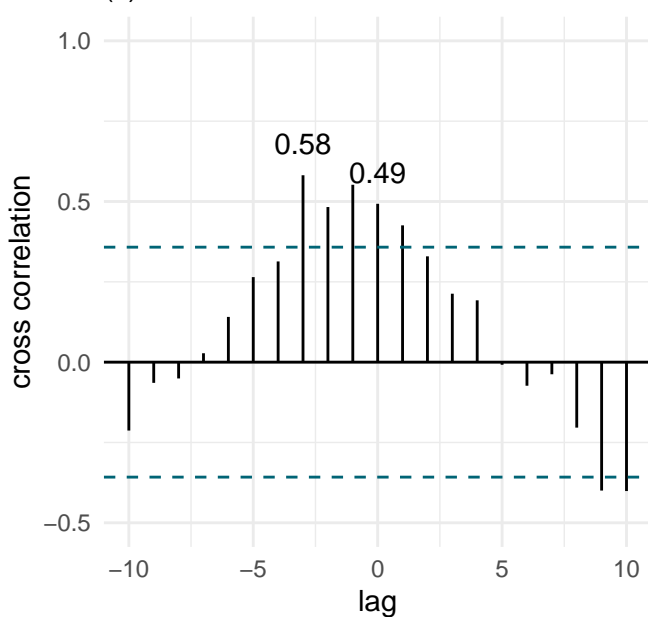
(a)



(b)



(c)

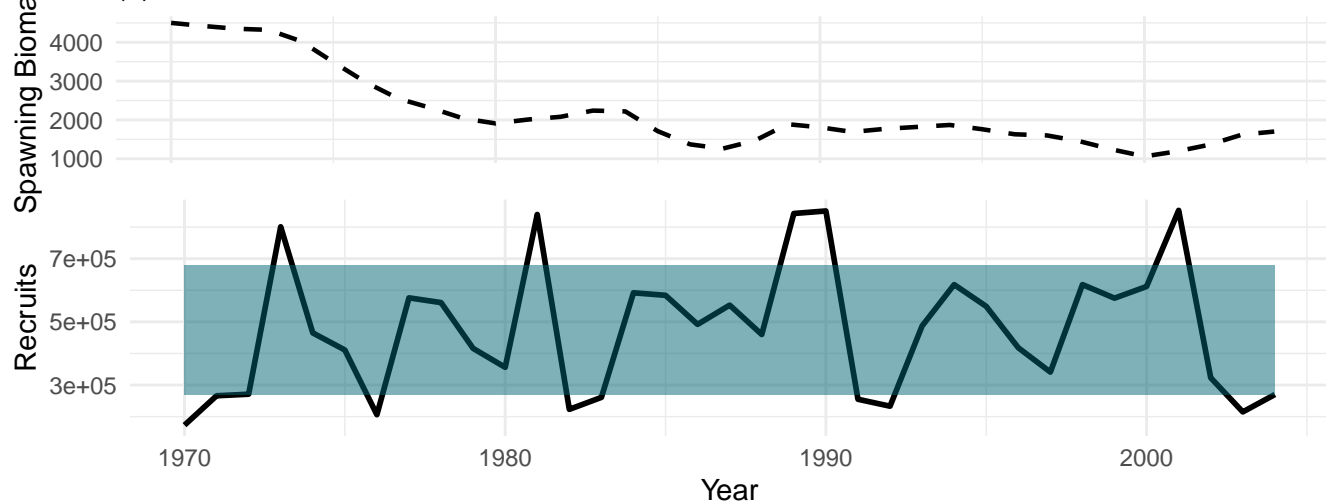


Gag

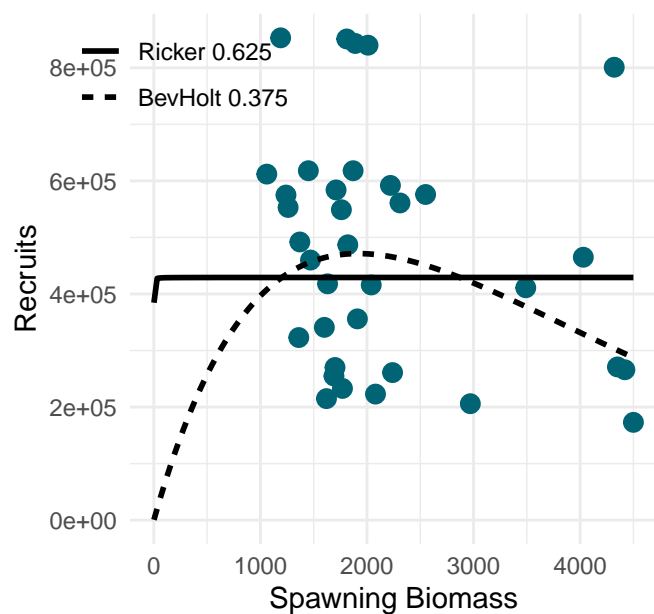
Mycteroperca microlepis

Area ID: USA-NMFS-SATLC

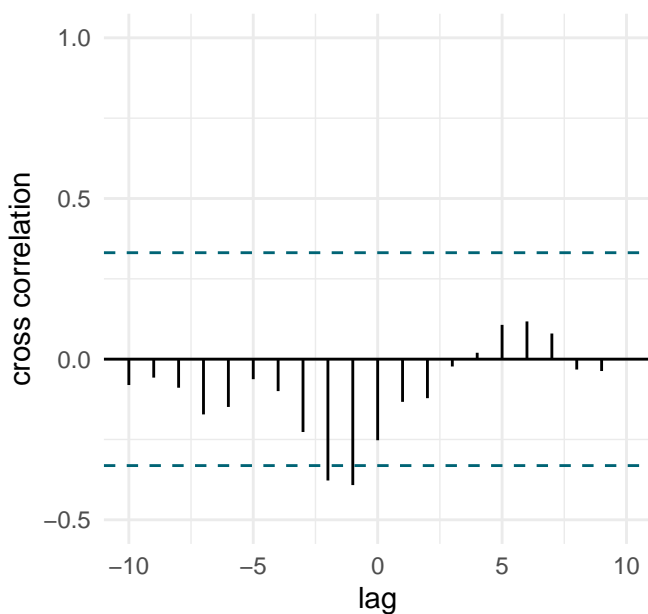
(a)



(b)



(c)

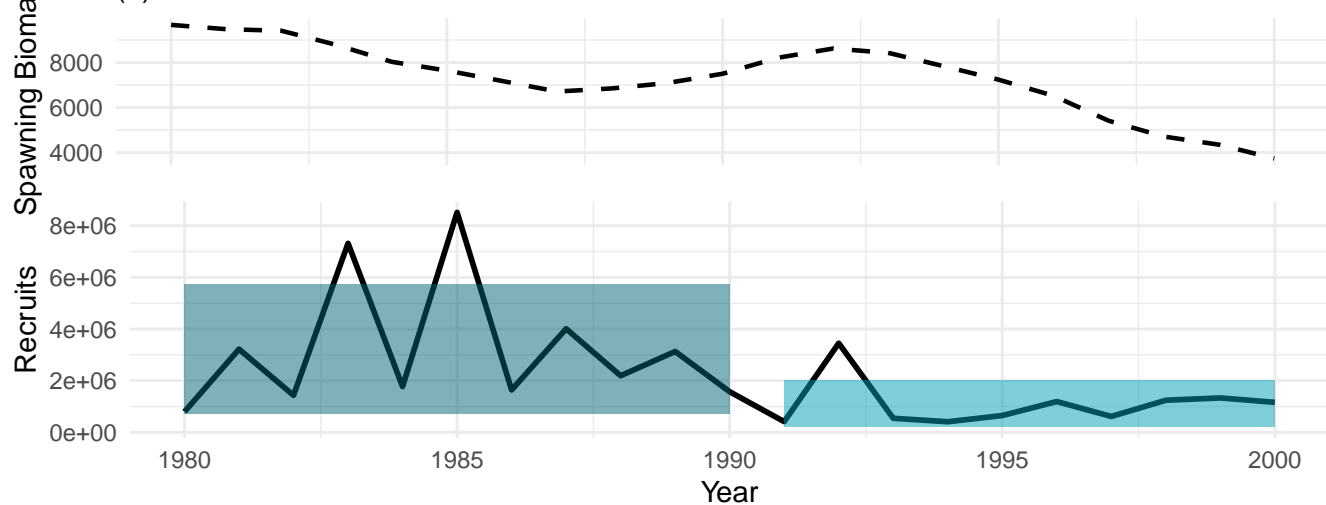


Common gemfish

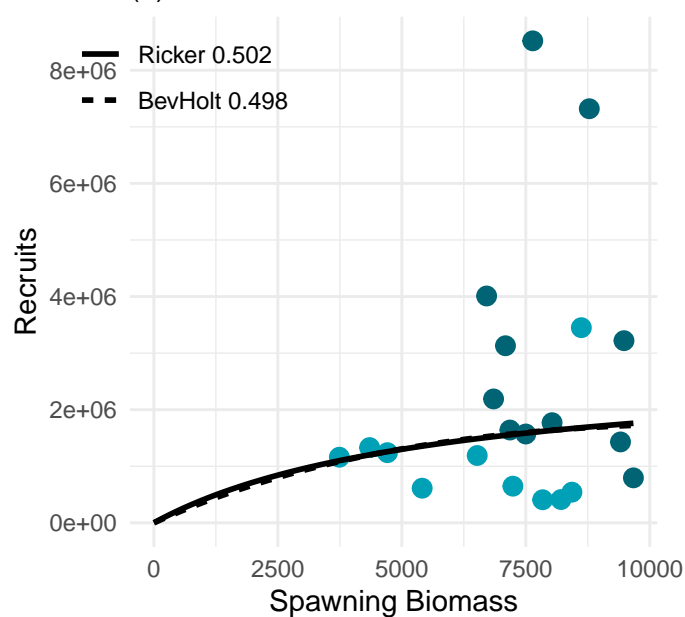
Rexea solandri

Area ID: New Zealand-MFish-NZ

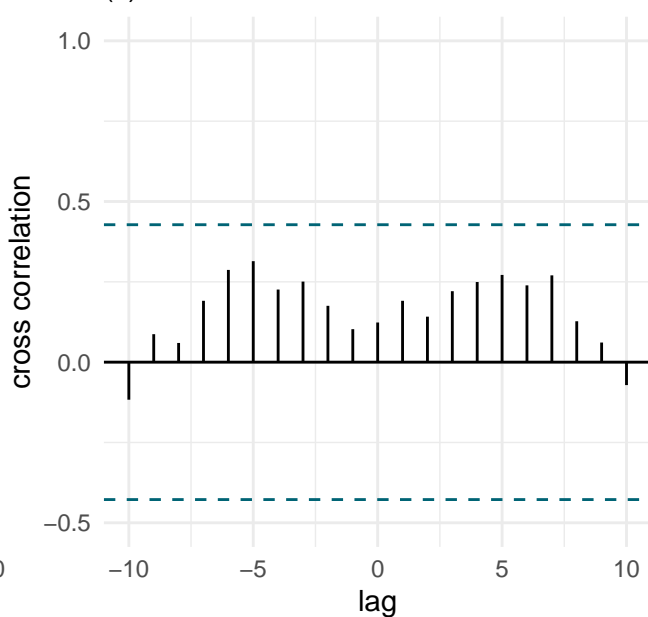
(a)



(b)



(c)

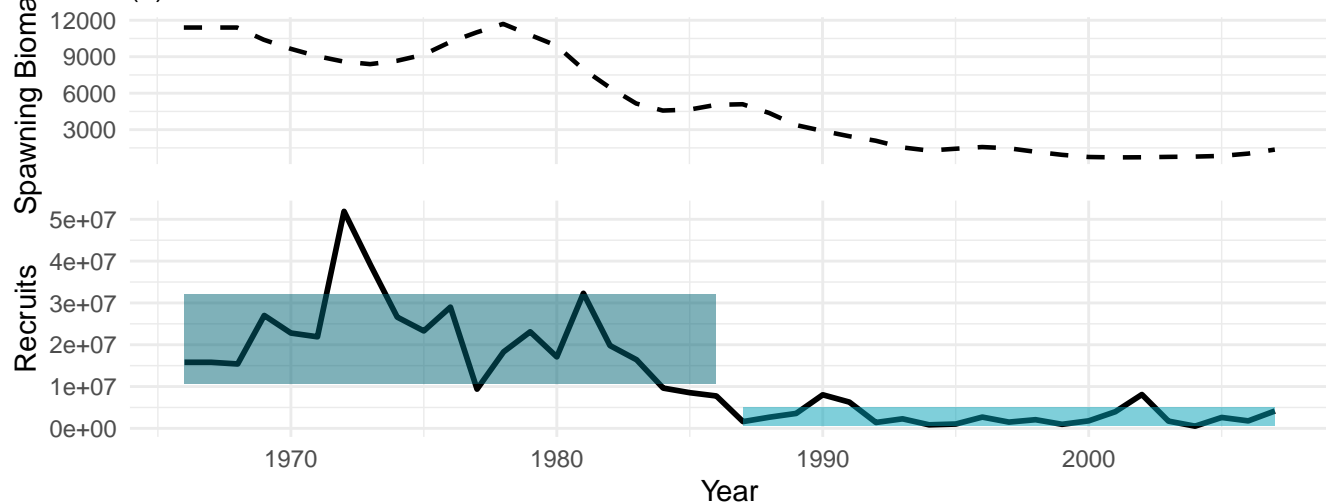


Common gemfish

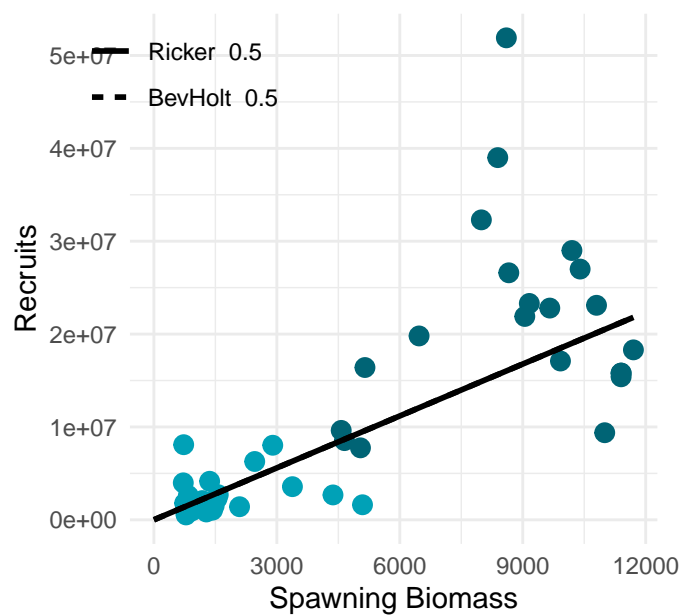
Rexea solandri

Area ID: Australia-AFMA-SE

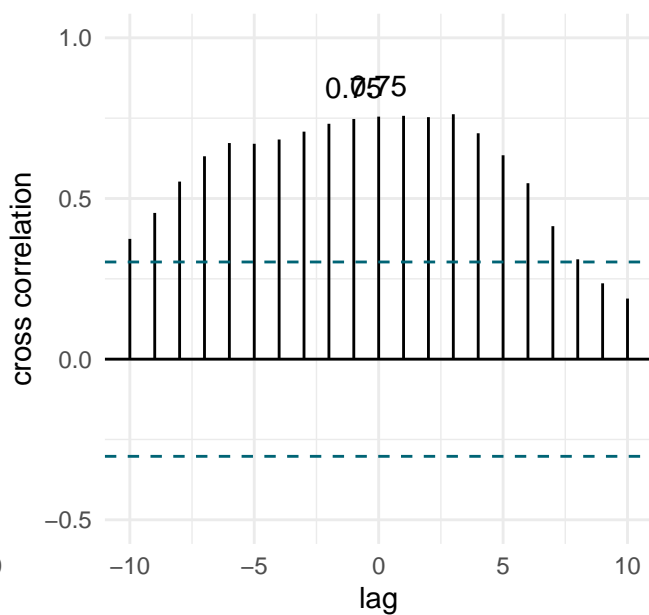
(a)



(b)



(c)

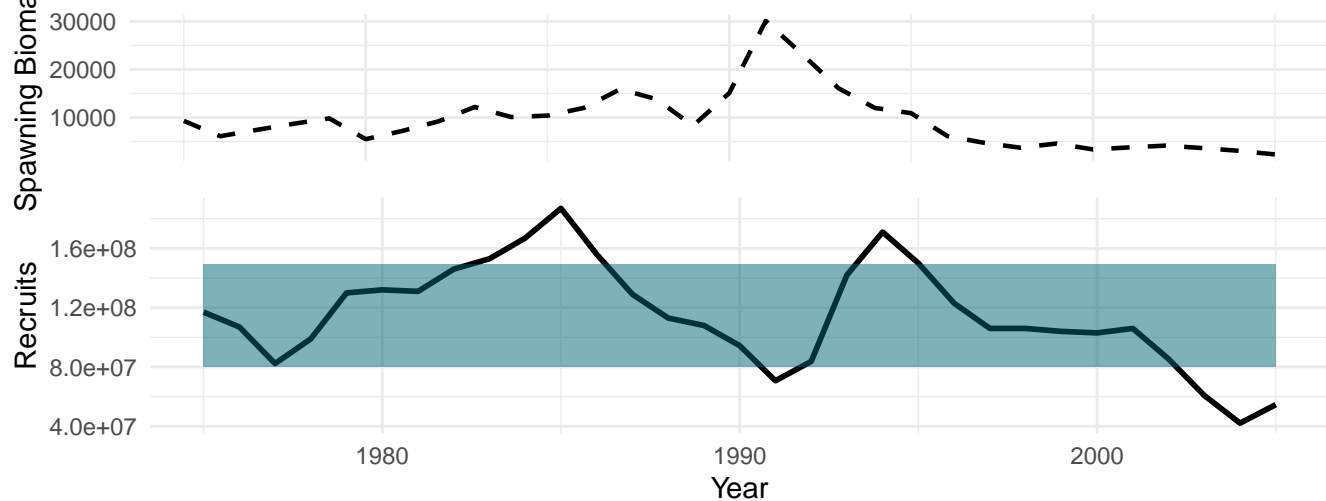


Greenland halibut

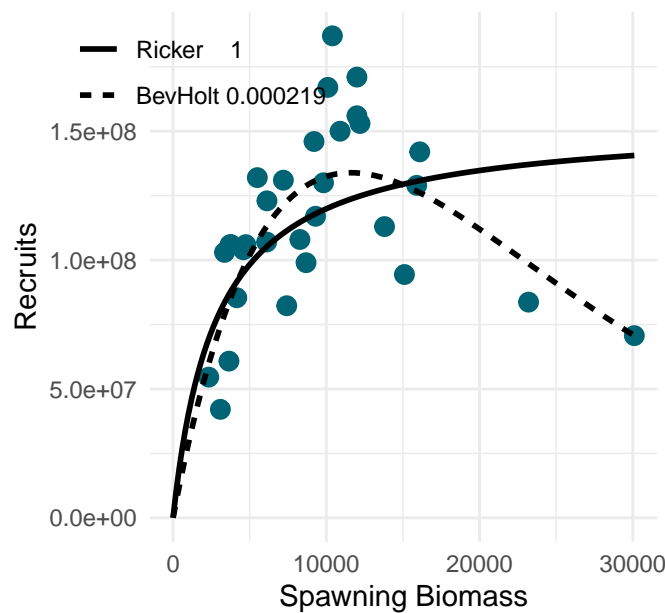
Reinhardtius hippoglossoides

Area ID: multinational-NAFO-23KLMNO

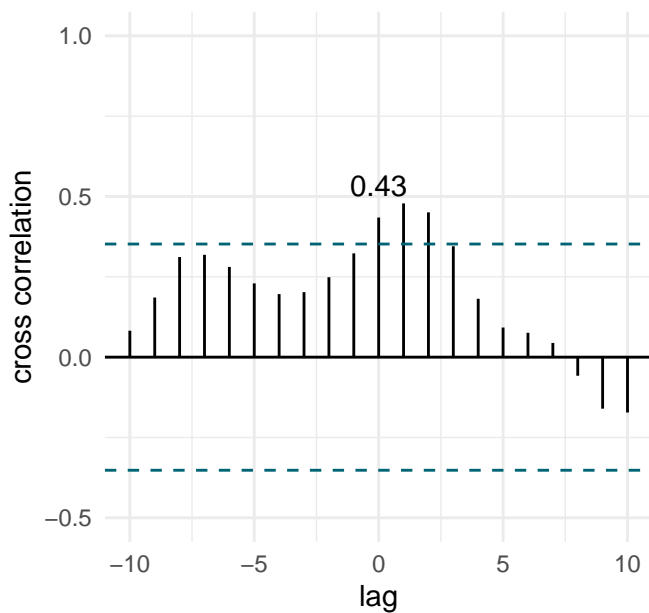
(a)



(b)



(c)

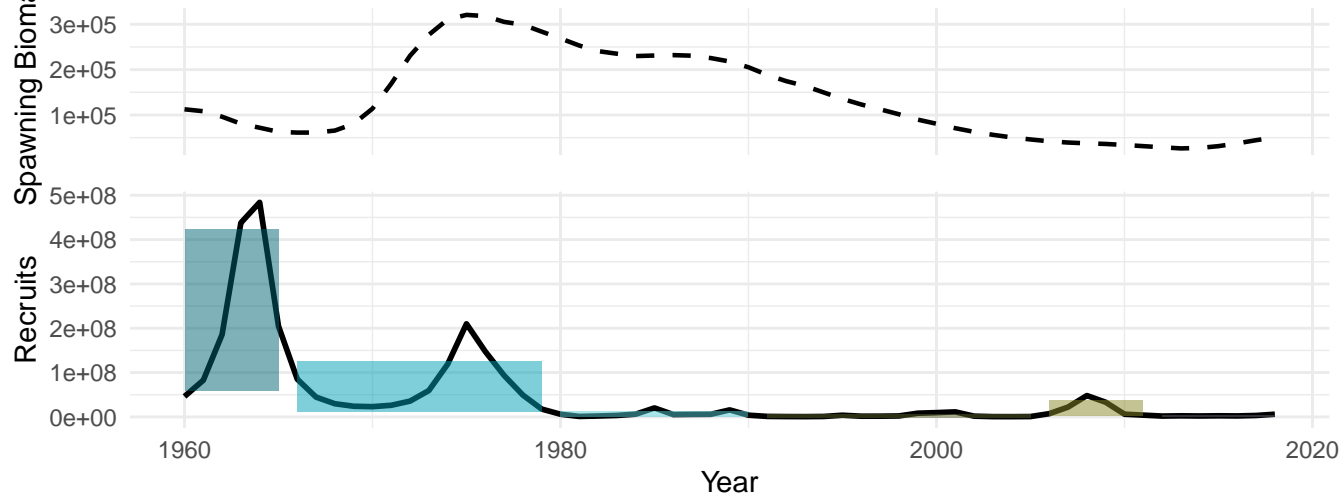


Greenland halibut

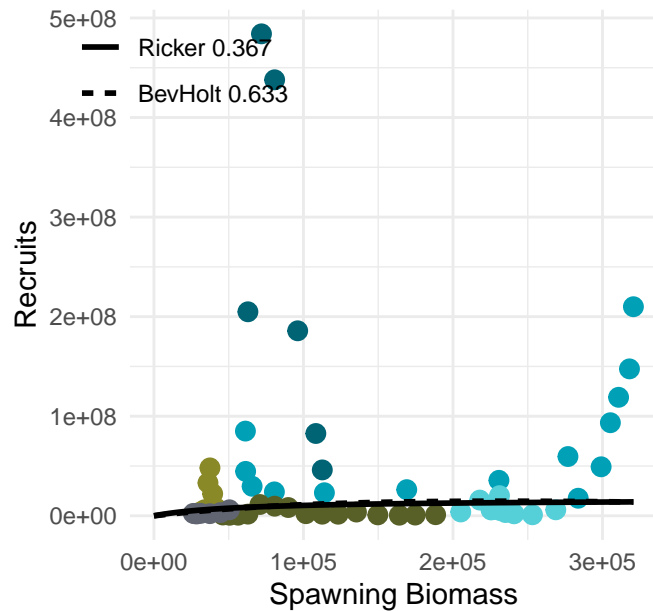
Reinhardtius hippoglossoides

Area ID: USA-NMFS-BSAI

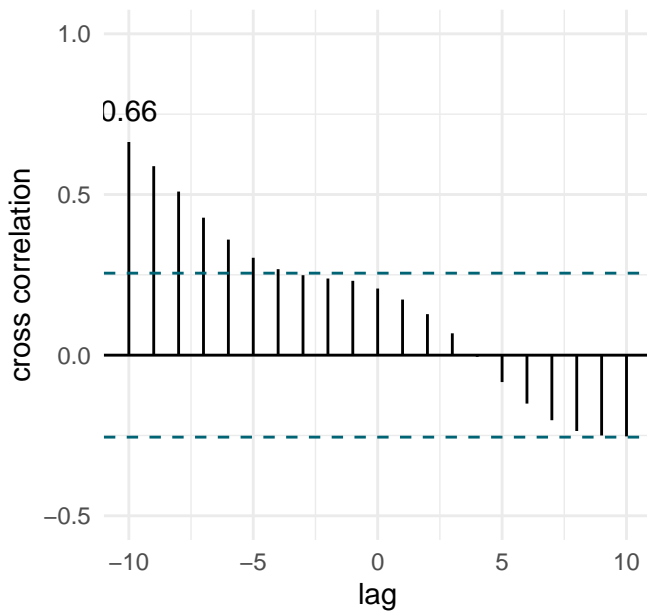
(a)



(b)



(c)

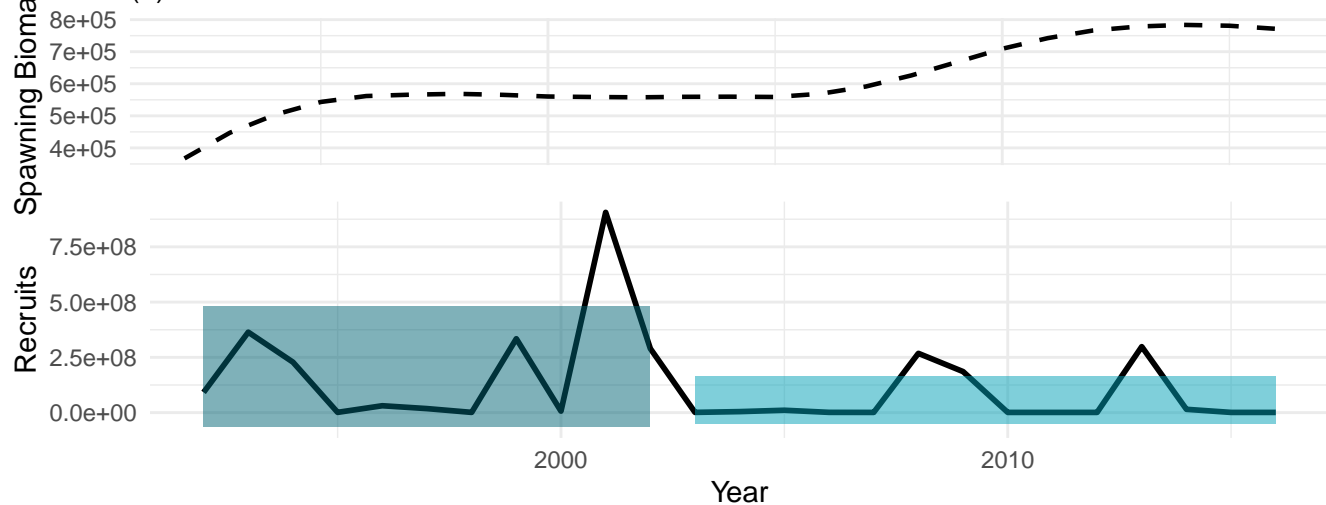


Greenland halibut

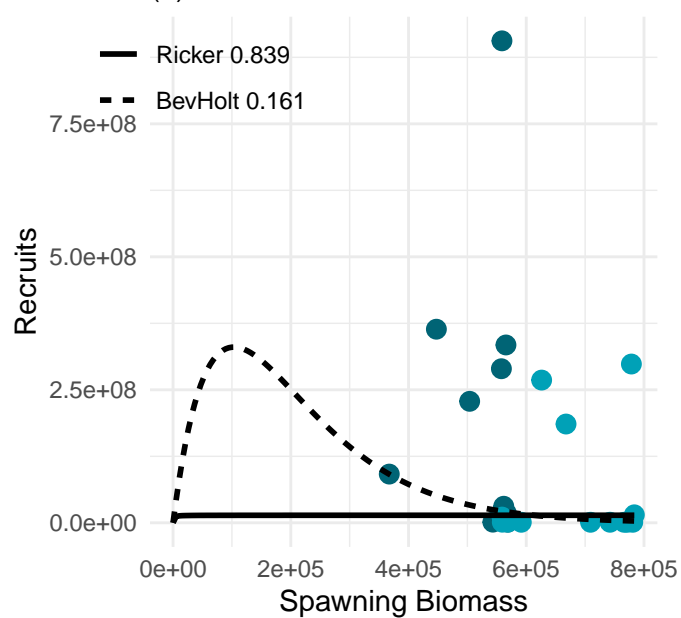
Reinhardtius hippoglossoides

Area ID: multinational-ICES-I-II

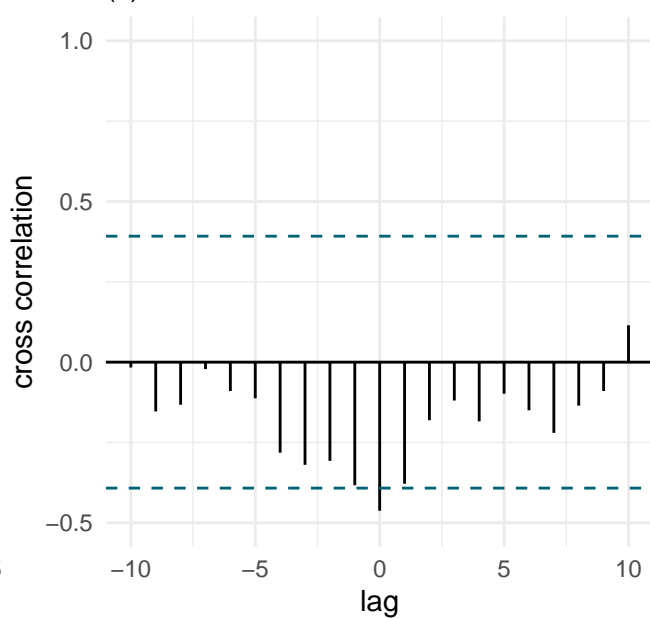
(a)



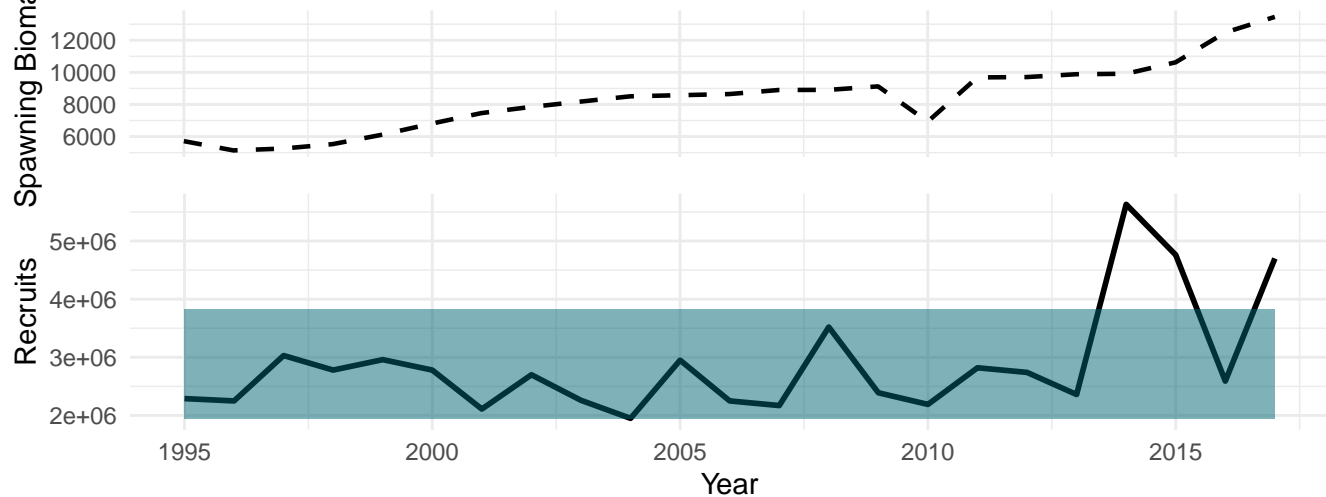
(b)



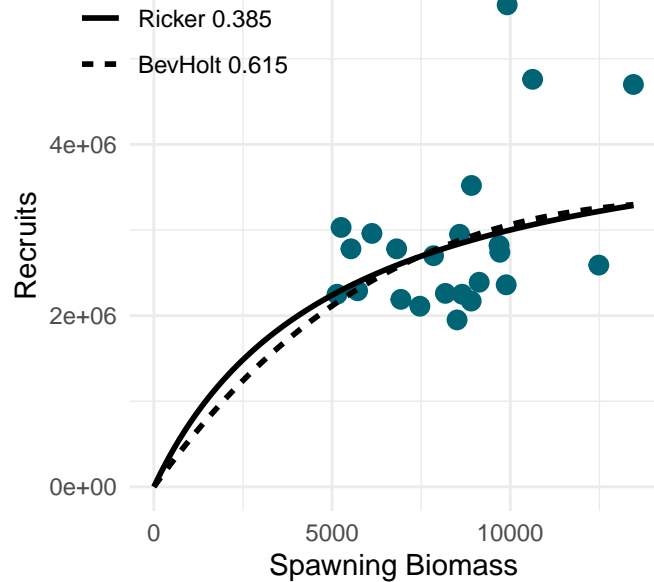
(c)



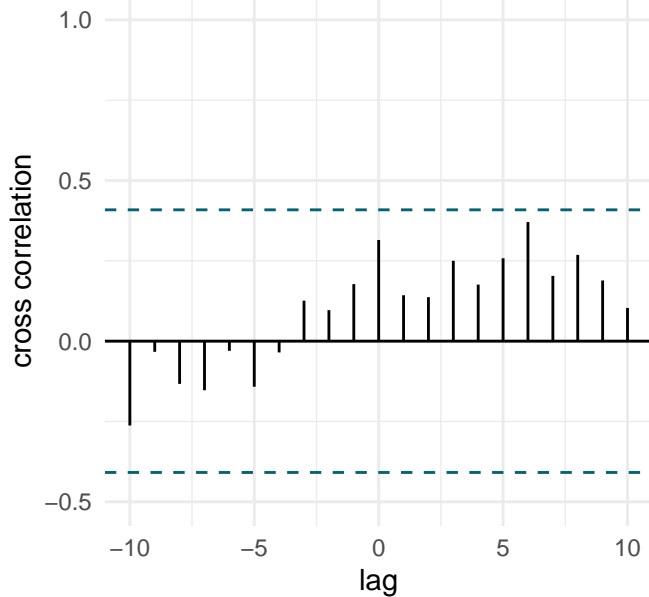
Golden king crab
Lithodes aequispinus
Area ID: USA-NMFS-AIES
(a)



(b)



(c)

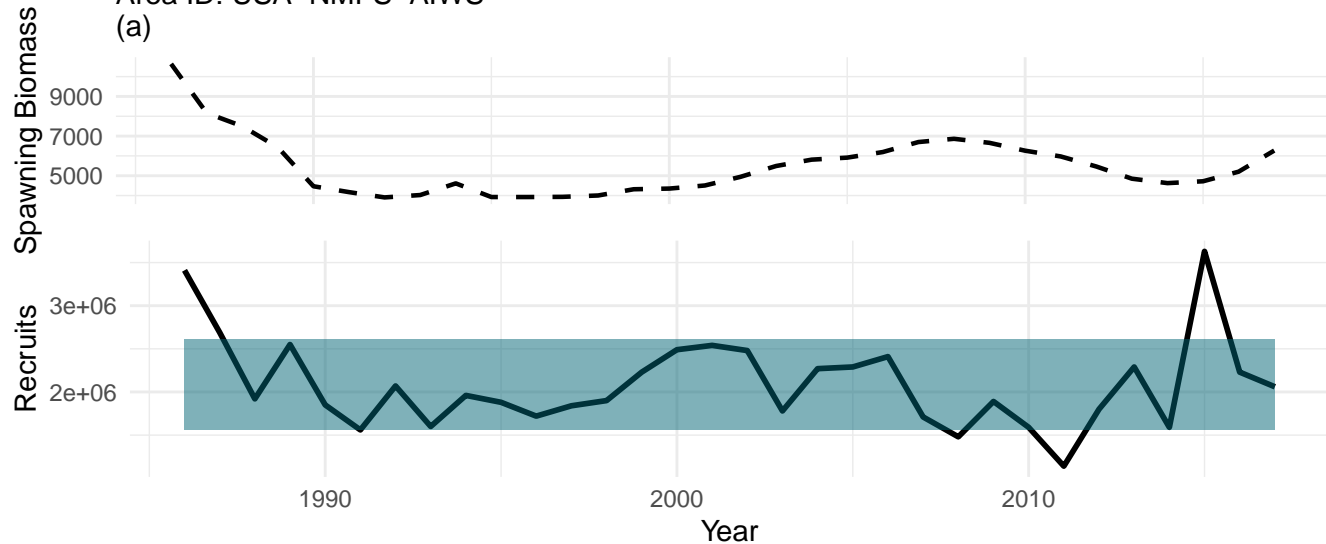


Golden king crab

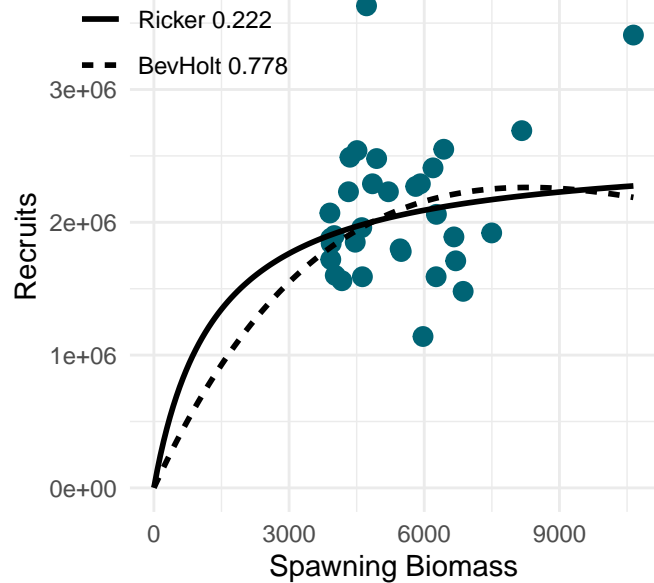
Lithodes aequispinus

Area ID: USA-NMFS-AIWS

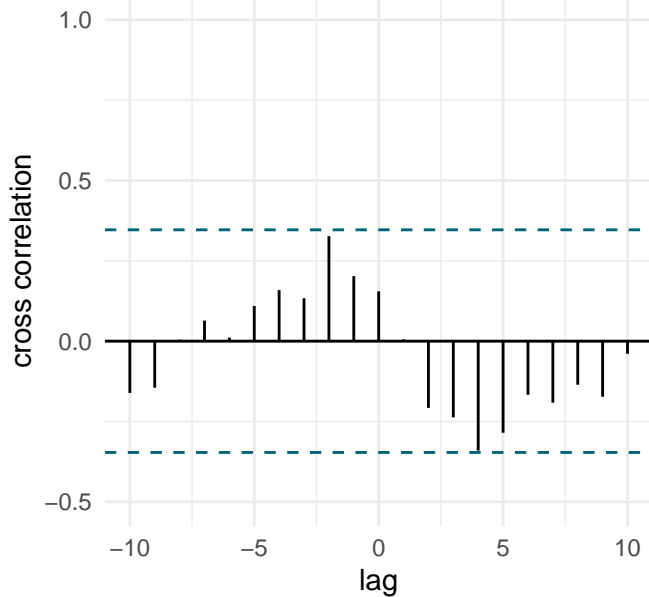
(a)



(b)



(c)

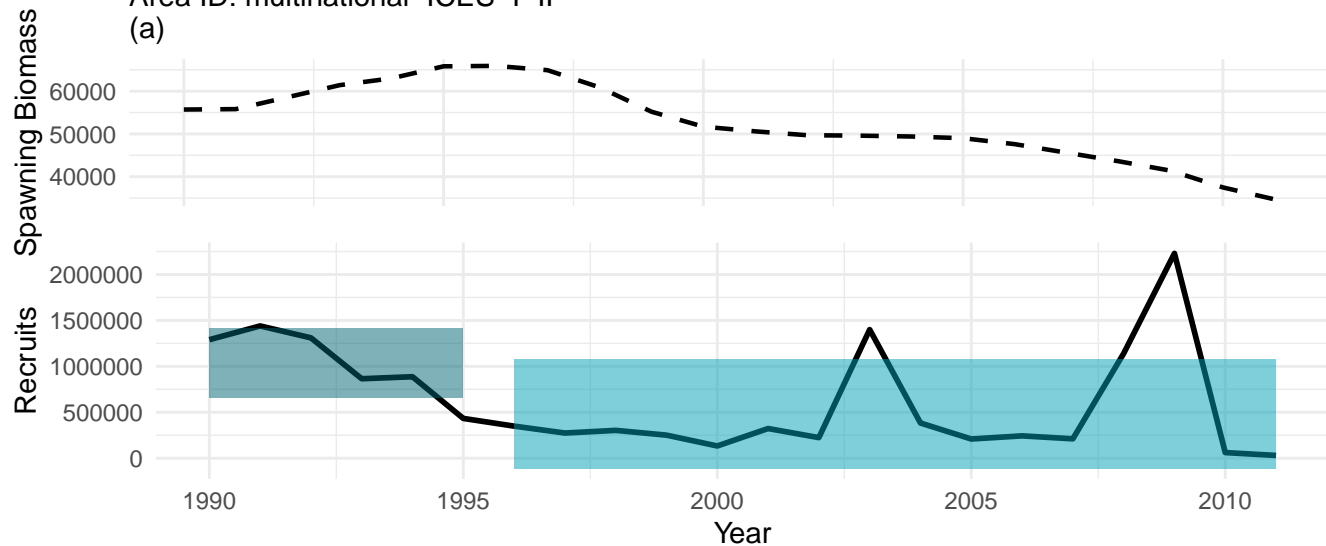


Golden redfish

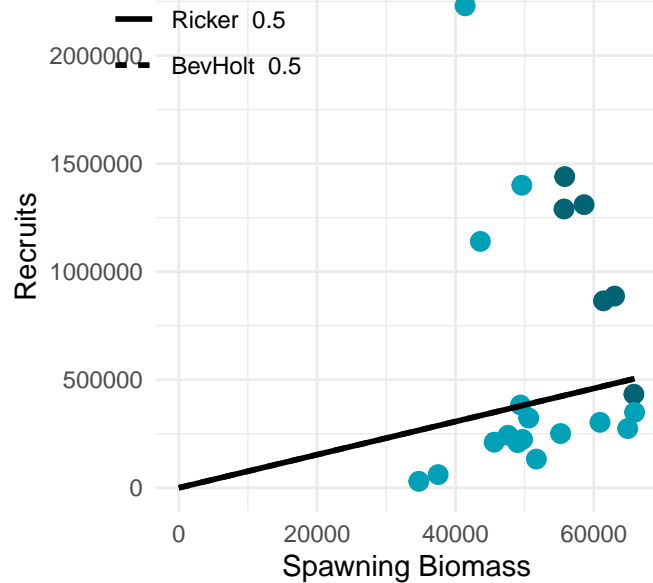
Sebastes norvegicus

Area ID: multinational-ICES-I-II

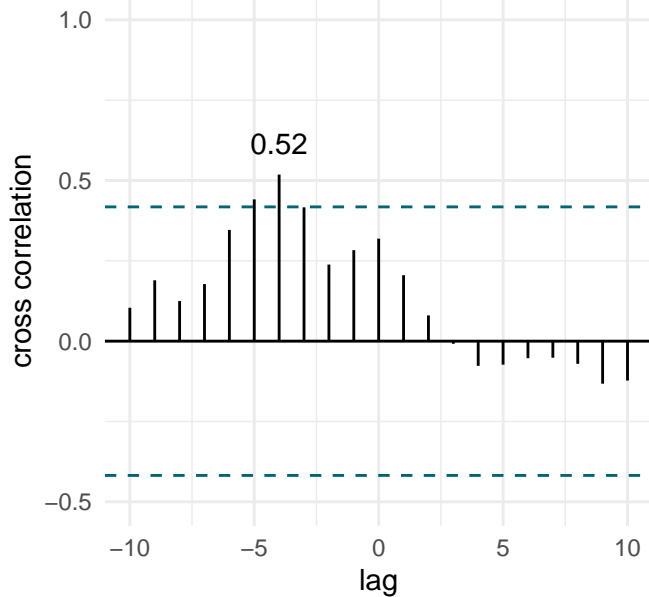
(a)



(b)



(c)

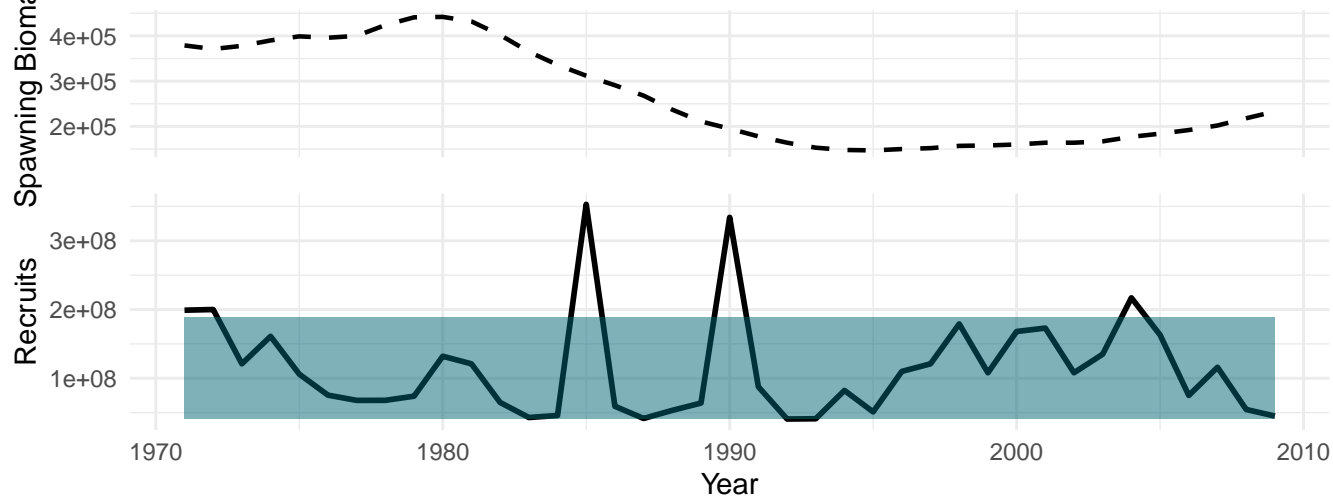


Golden redfish

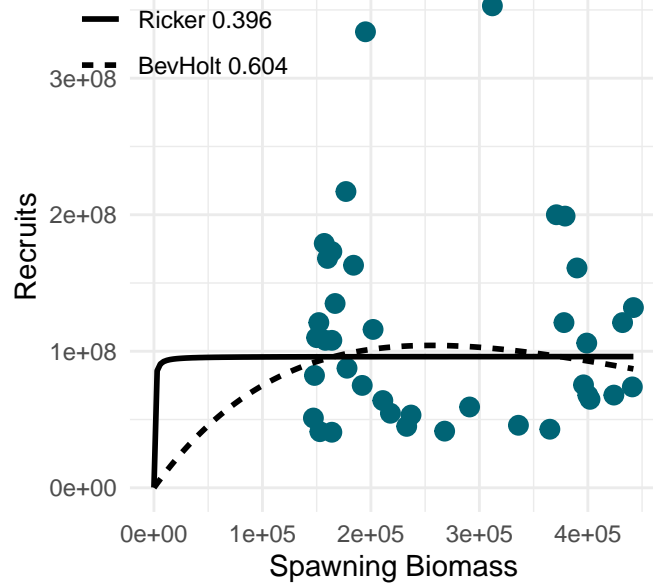
Sebastes norvegicus

Area ID: multinational-ICES-V-VI-XII-XIV

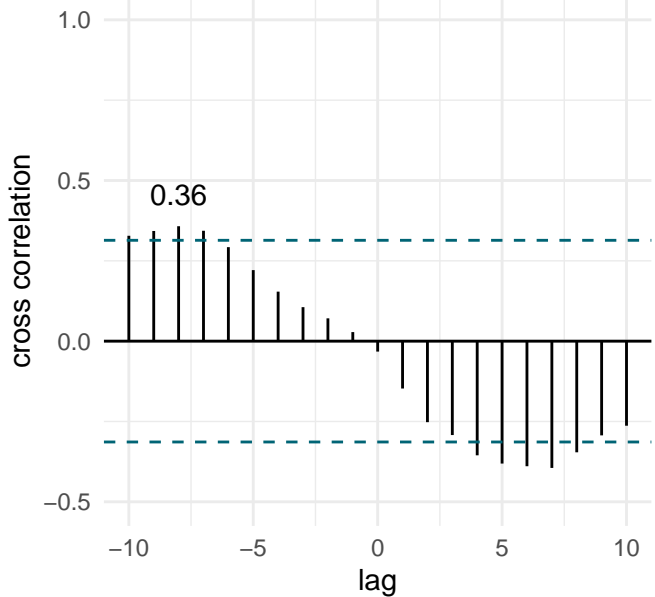
(a)



(b)



(c)

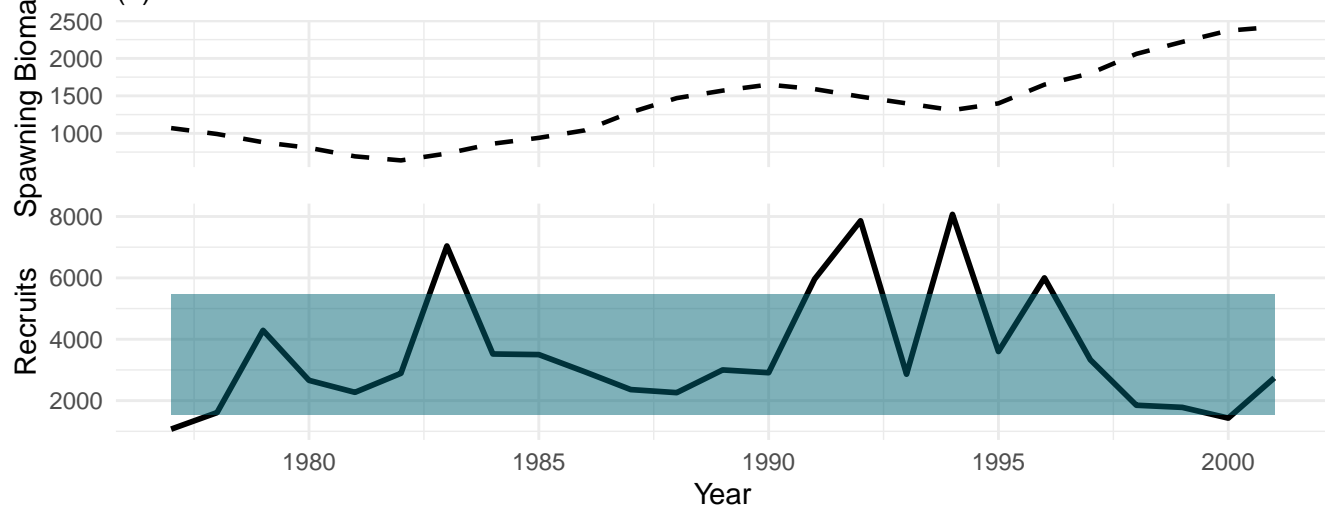


Gopher rockfish

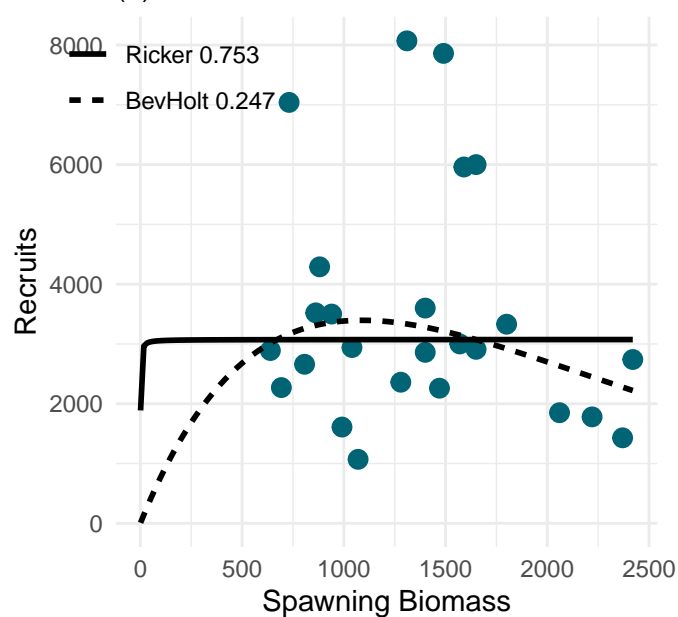
Sebastes carnatus

Area ID: USA-NMFS-SPCOAST

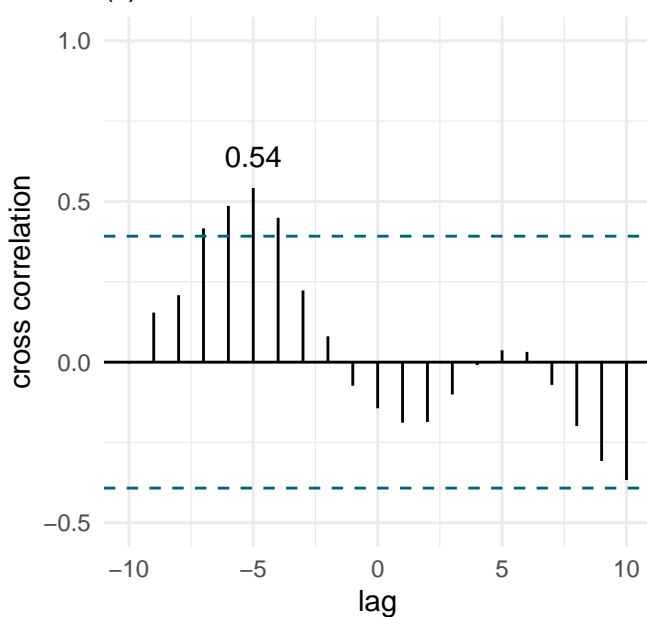
(a)



(b)



(c)

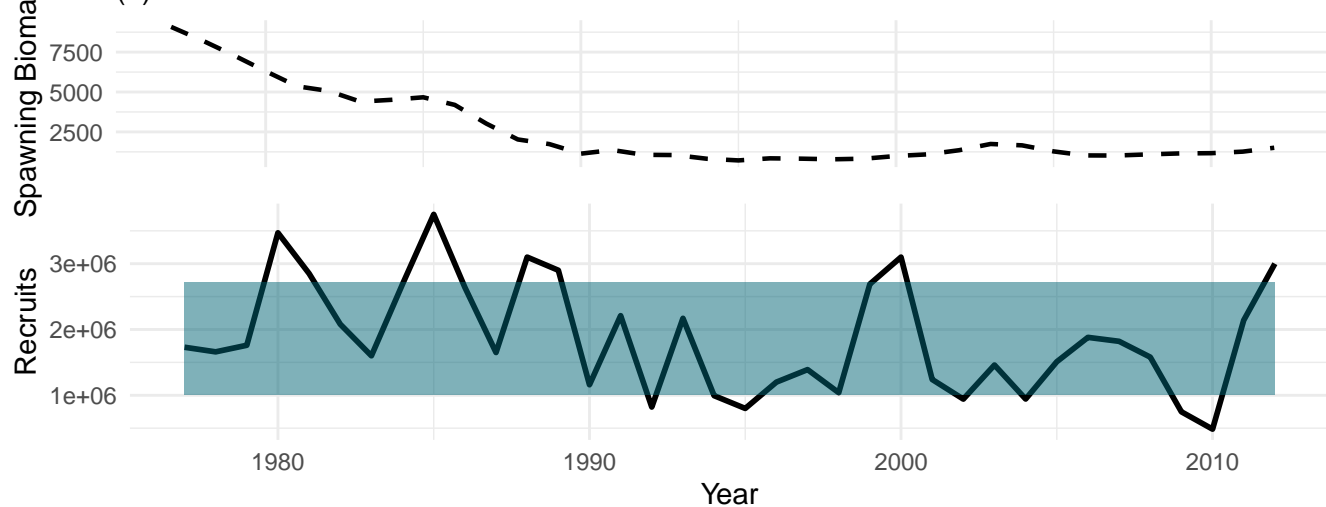


Greater amberjack

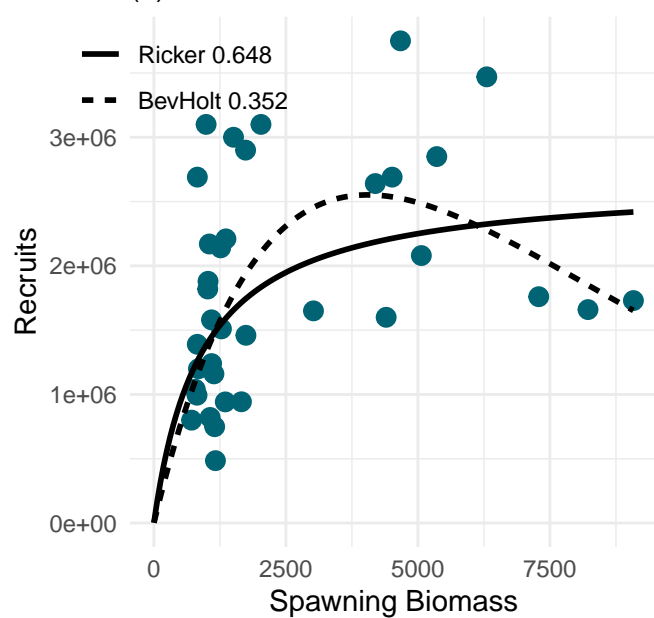
Seriola dumerili

Area ID: USA-NMFS-GM

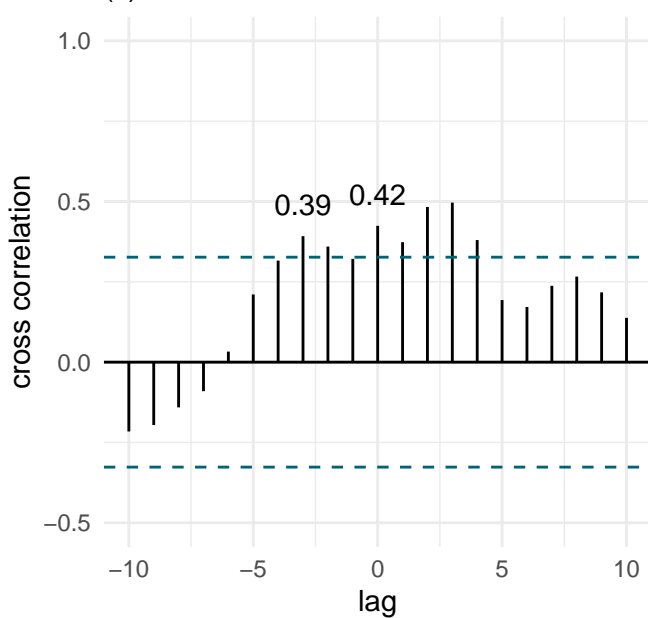
(a)



(b)



(c)

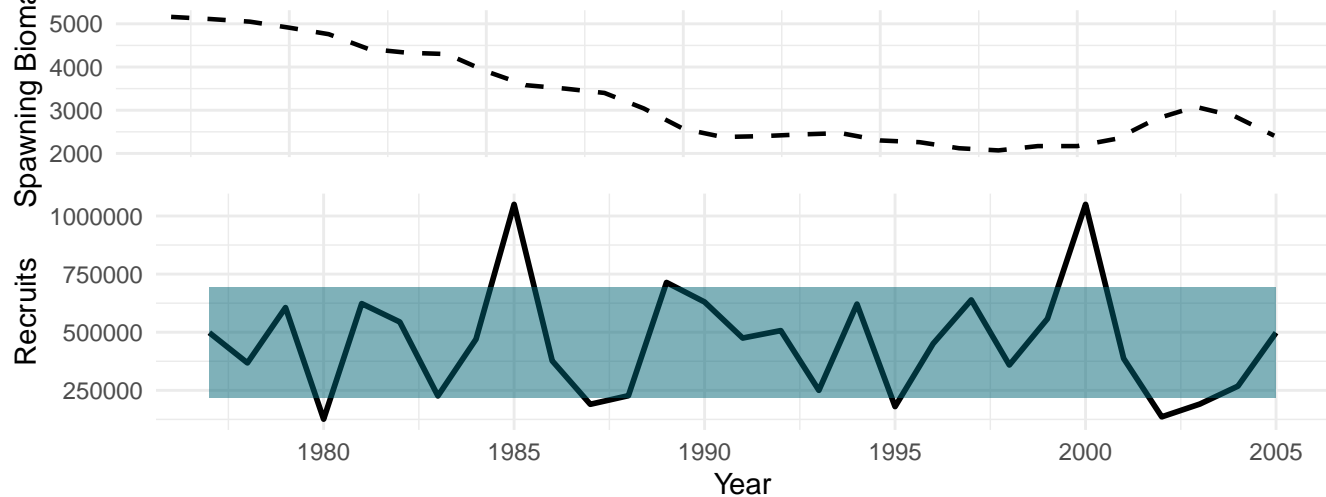


Greater amberjack

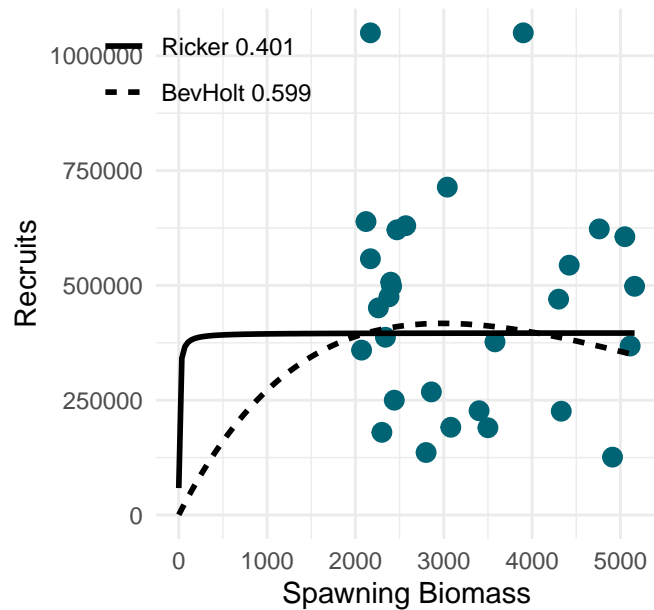
Seriola dumerili

Area ID: USA-NMFS-SATLC

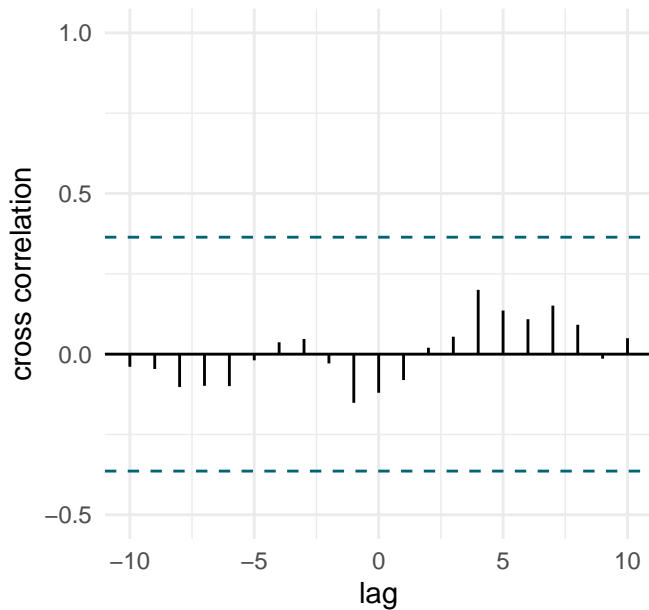
(a)



(b)



(c)

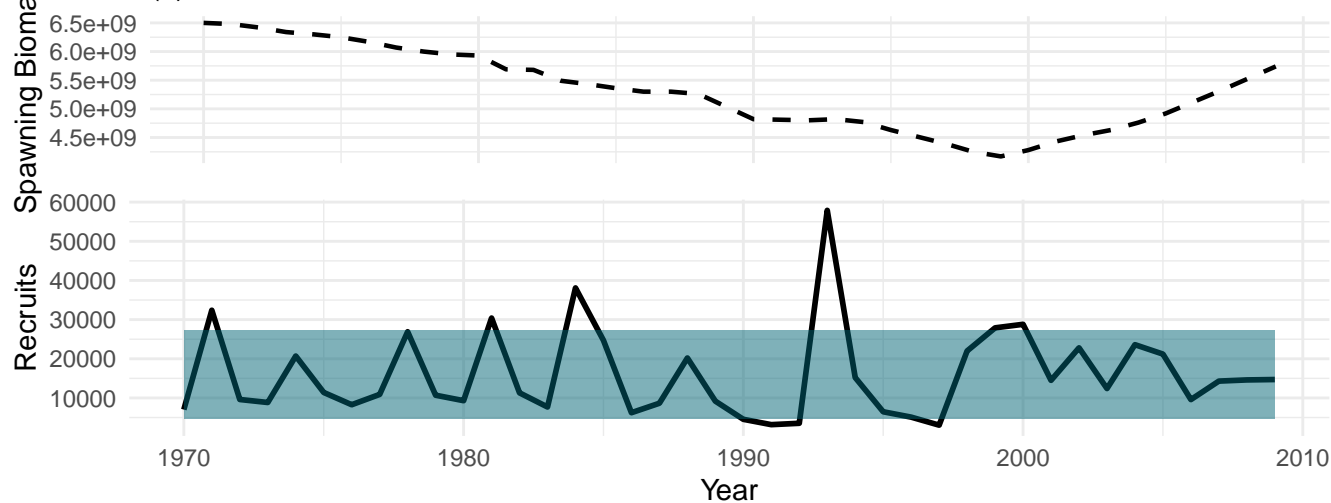


Greenstriped rockfish

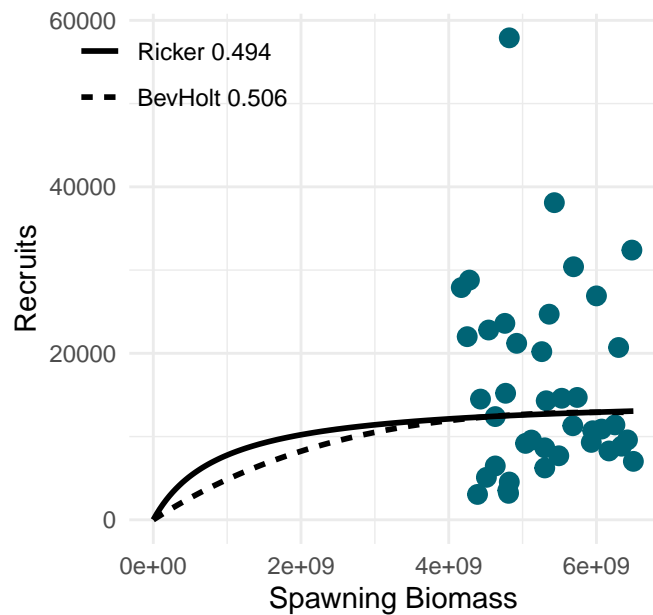
Sebastes elongatus

Area ID: USA-NMFS-PCOAST

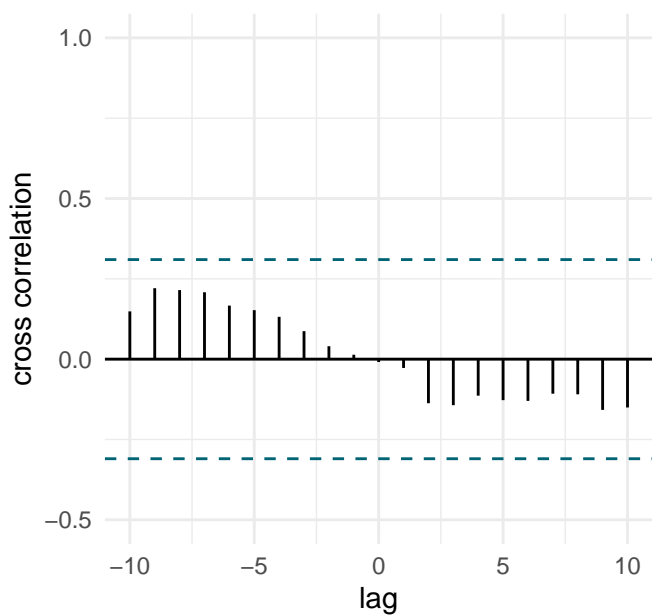
(a)



(b)



(c)

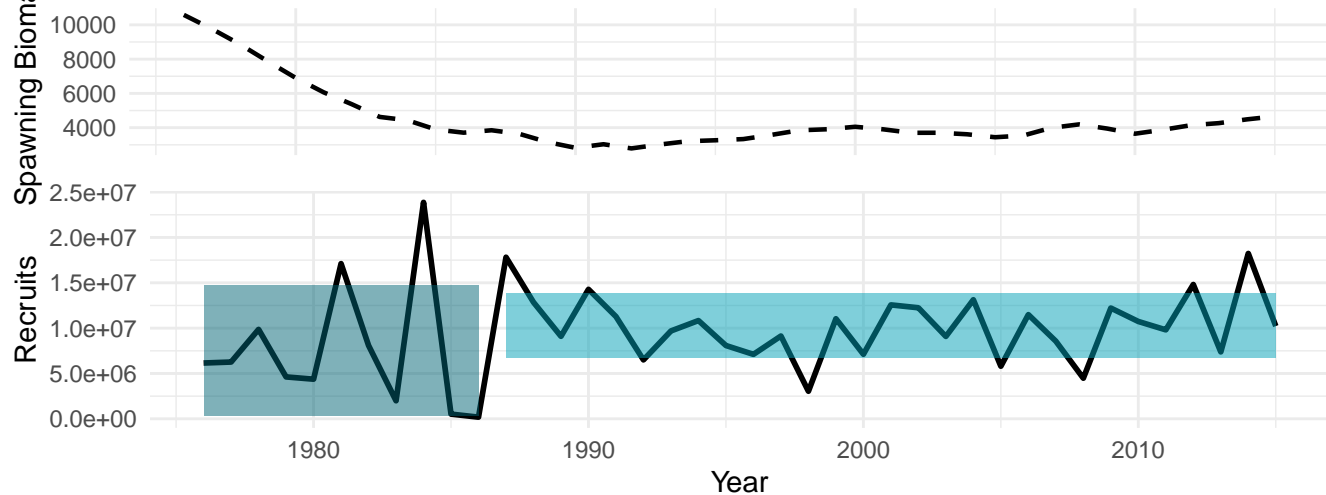


Gray snapper

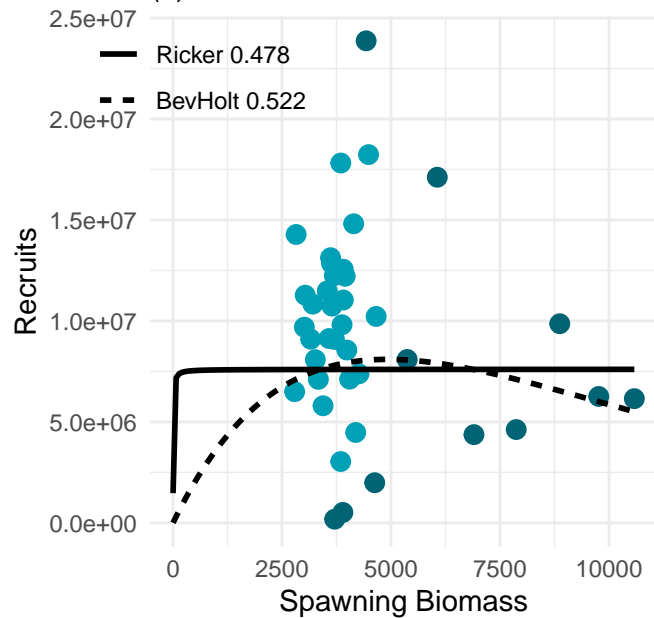
Lutjanus griseus

Area ID: USA-NMFS-GM

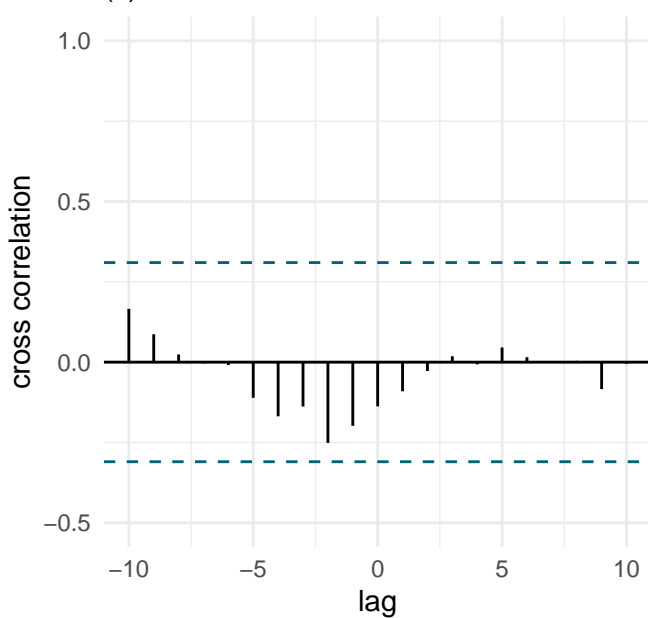
(a)



(b)



(c)

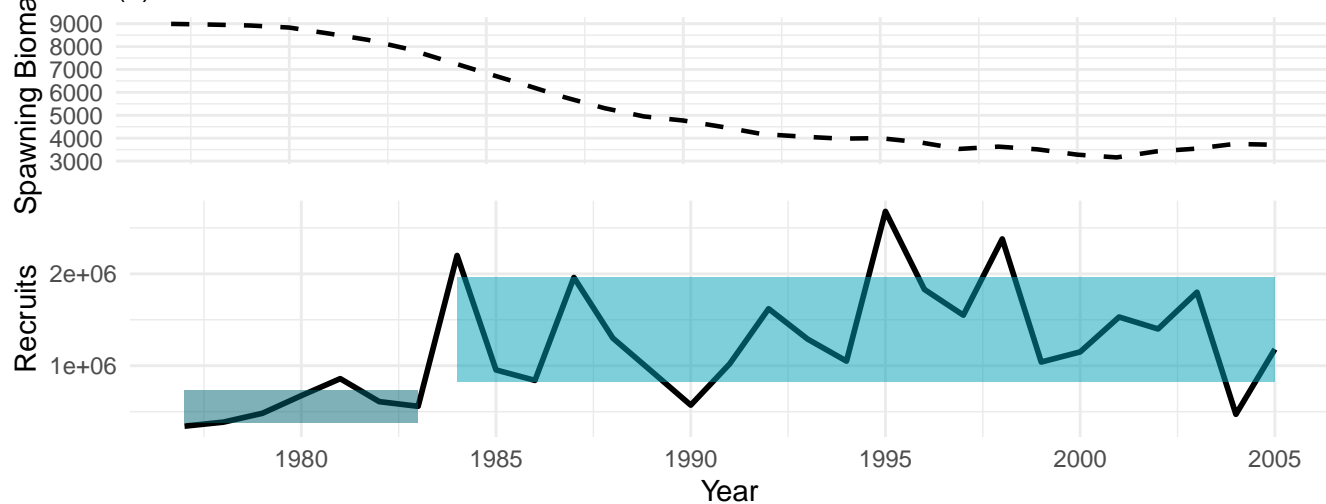


Giant stargazer

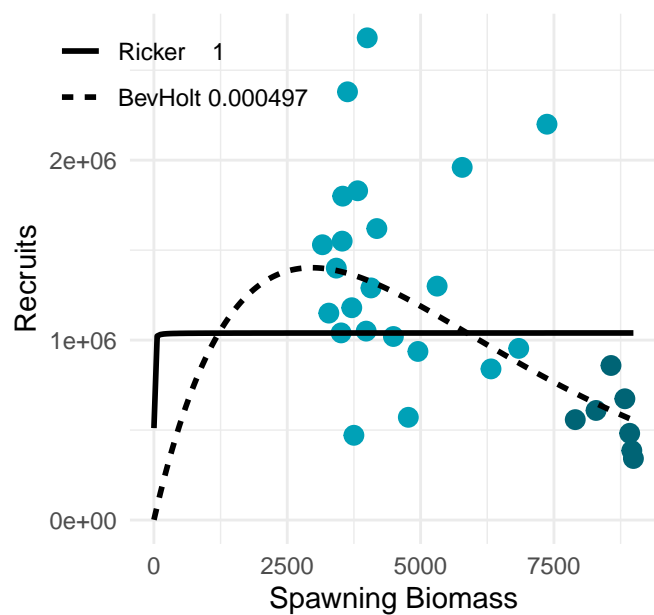
Kathetostoma giganteum

Area ID: New Zealand-MFish-STA7

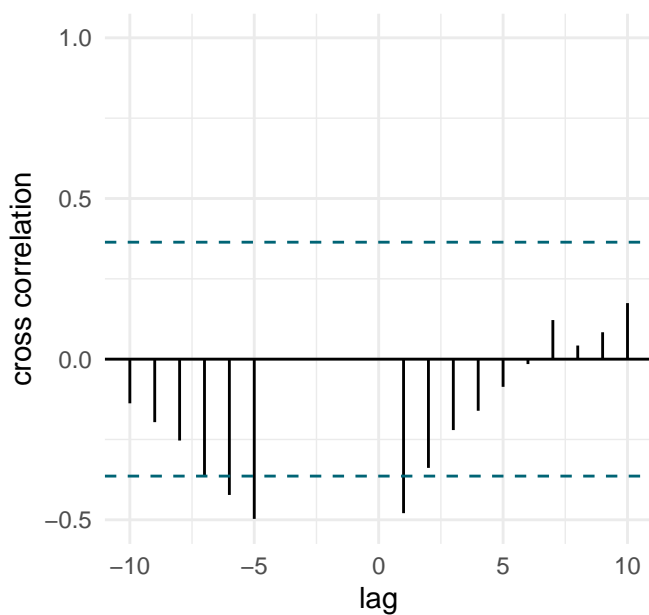
(a)



(b)



(c)

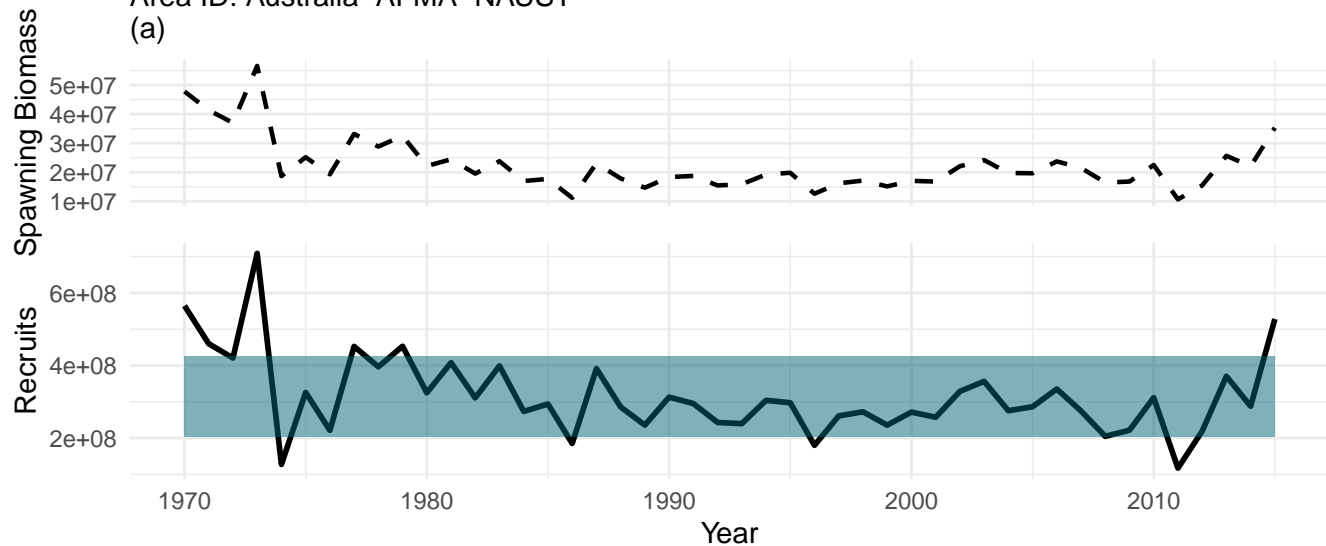


Grooved tiger prawn

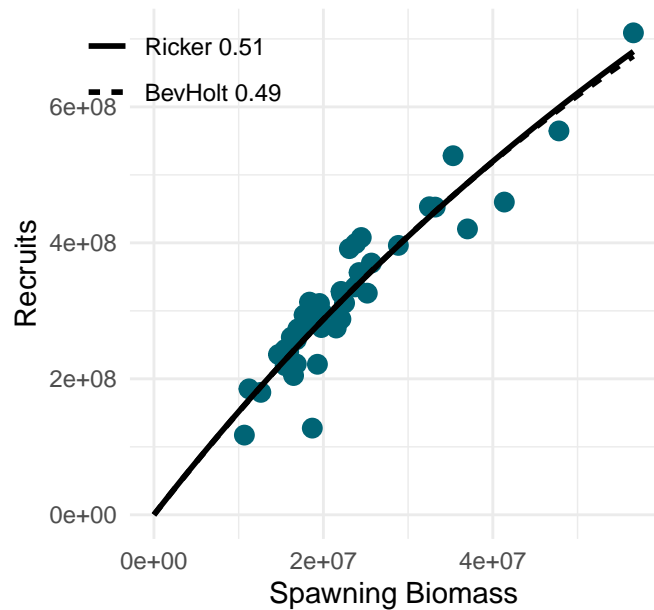
Penaeus semisulcatus

Area ID: Australia-AFMA-NAUST

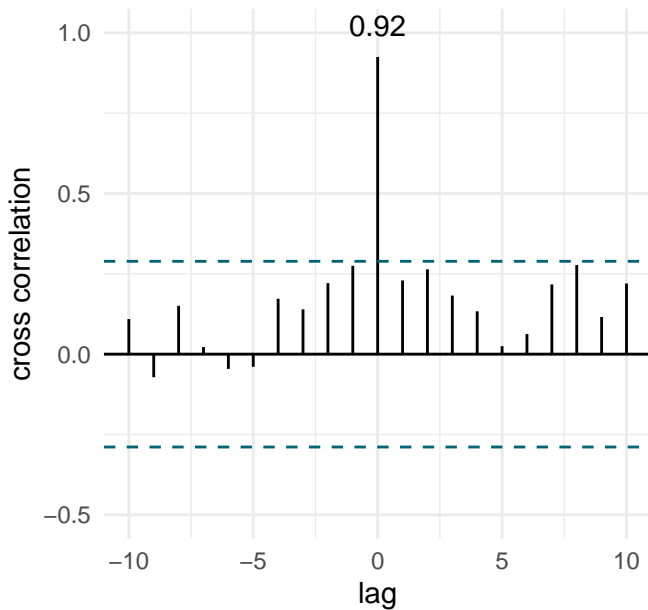
(a)



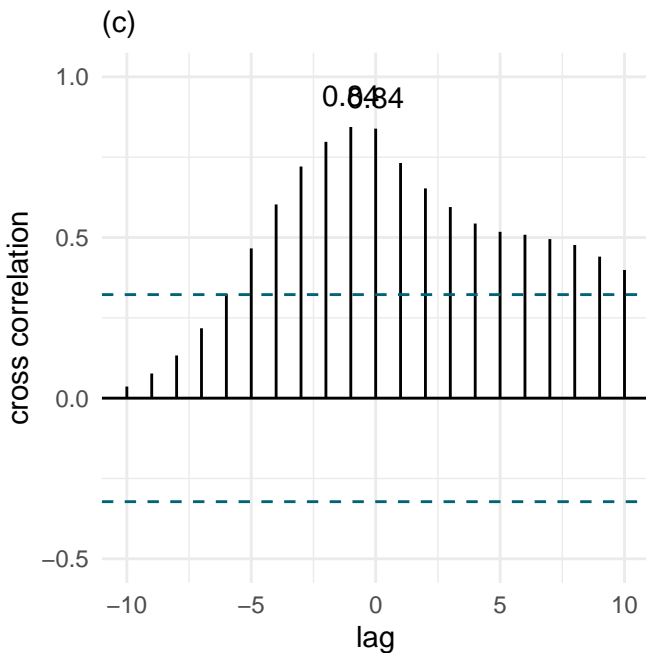
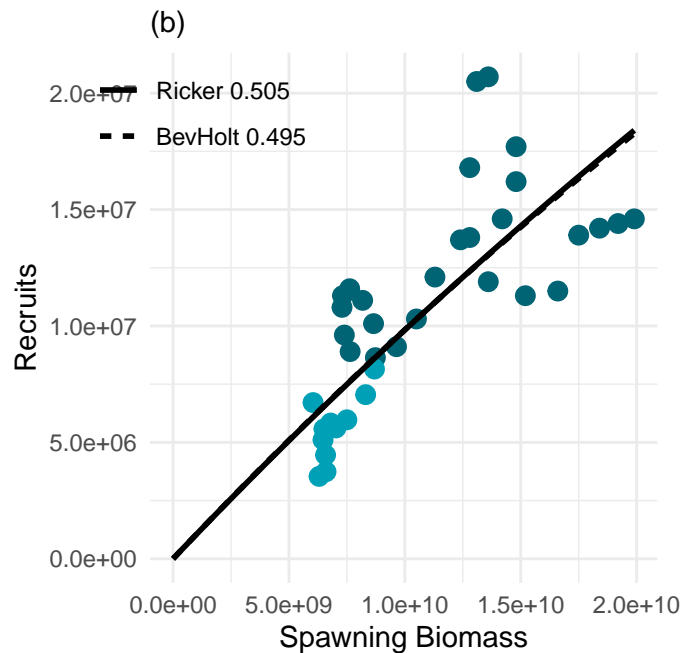
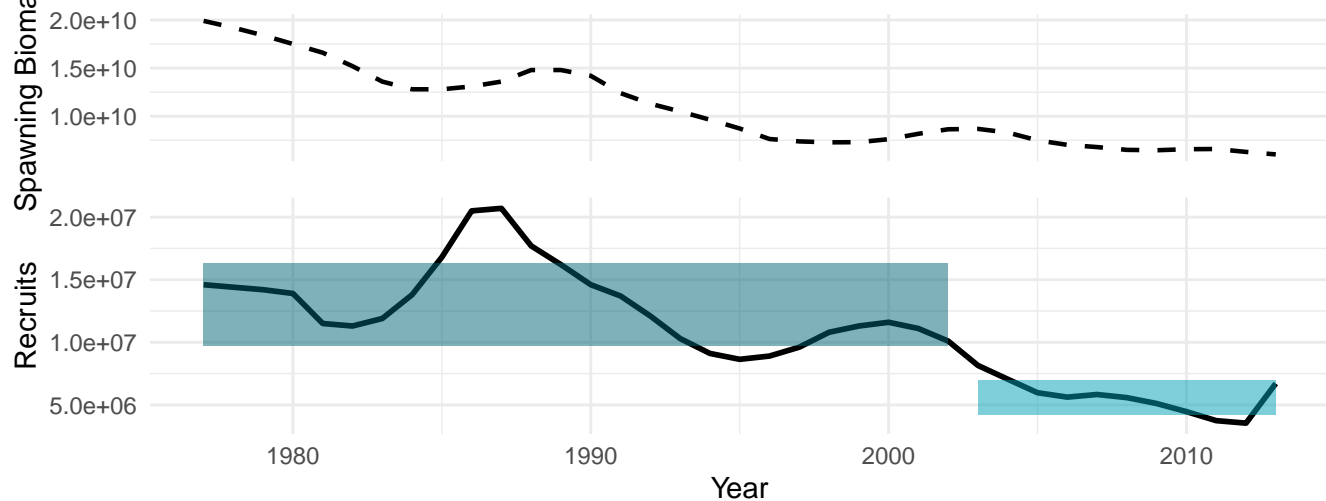
(b)



(c)



Gray triggerfish
Balistes capriscus
 Area ID: USA-NMFS-GM
 (a)

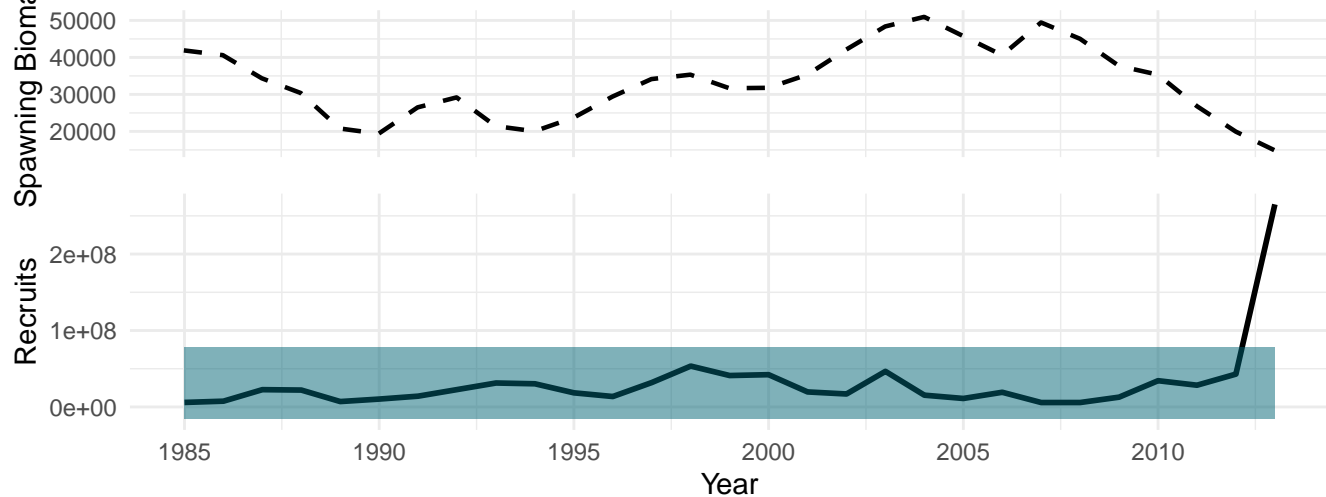


Haddock

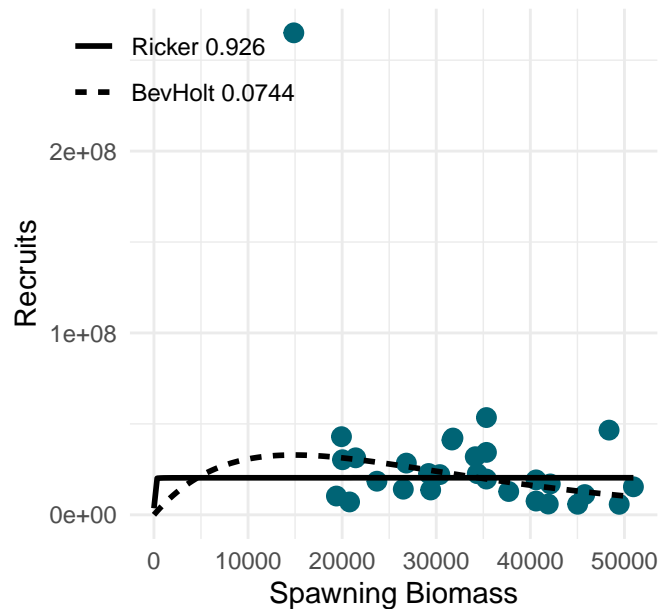
Melanogrammus aeglefinus

Area ID: Canada-DFO-4X5Y

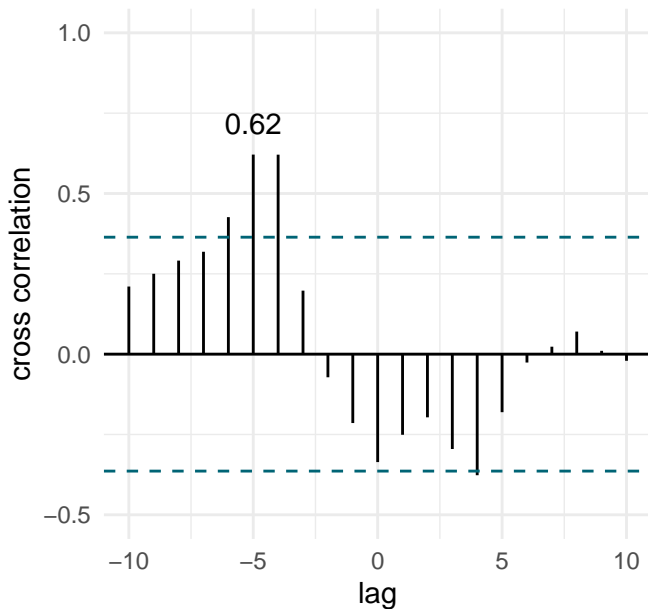
(a)



(b)



(c)

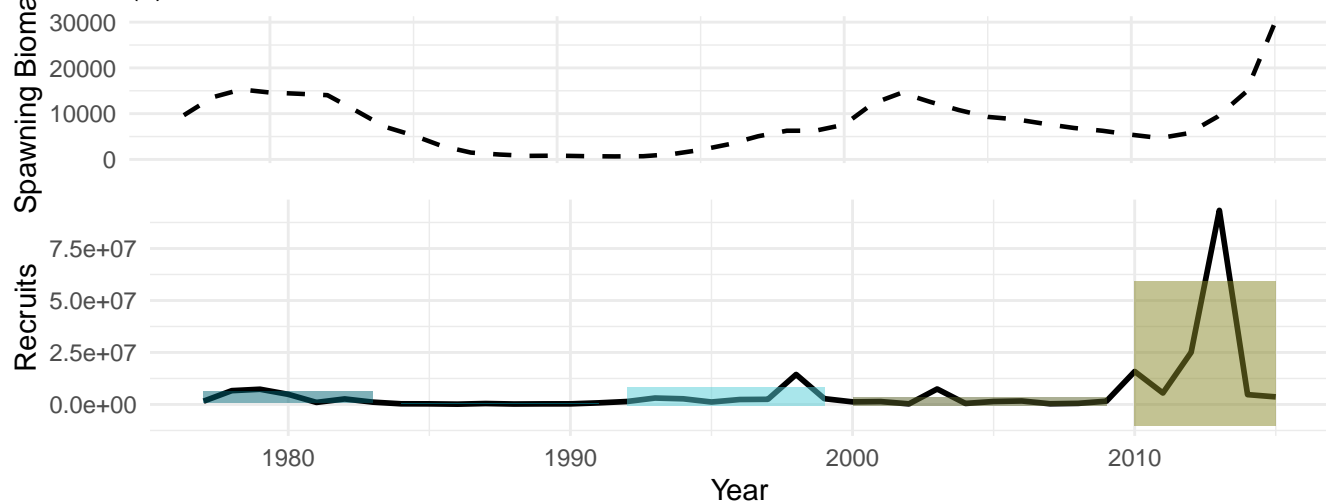


Haddock

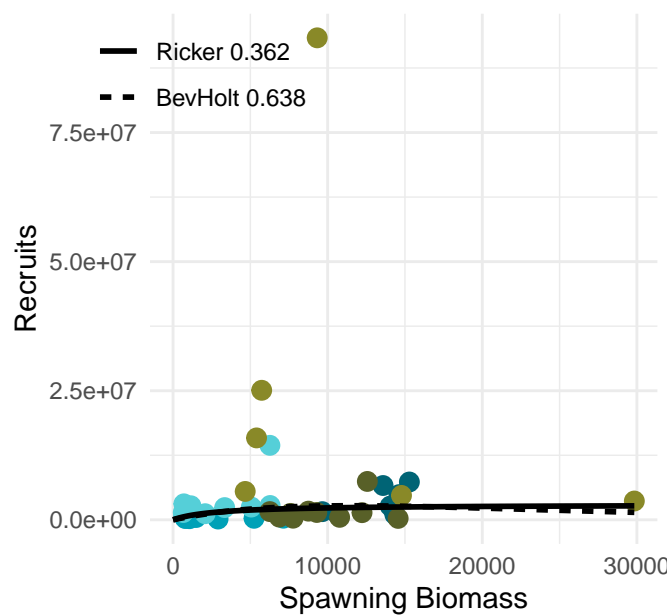
Melanogrammus aeglefinus

Area ID: USA-NMFS-5Y

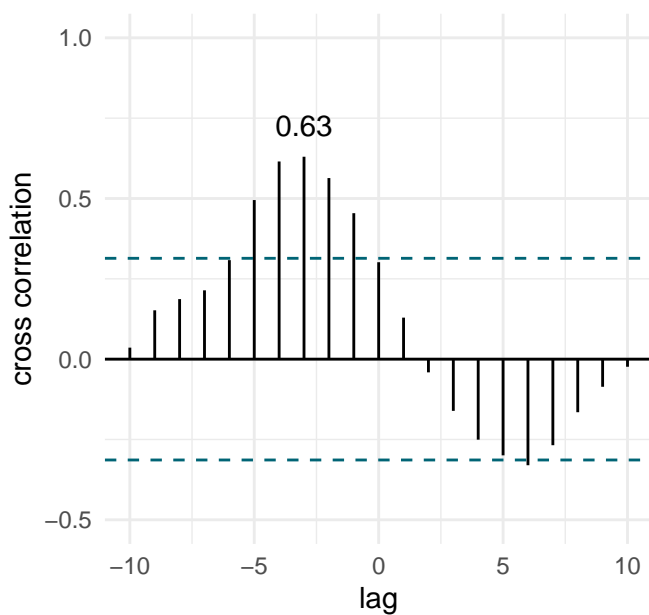
(a)



(b)



(c)

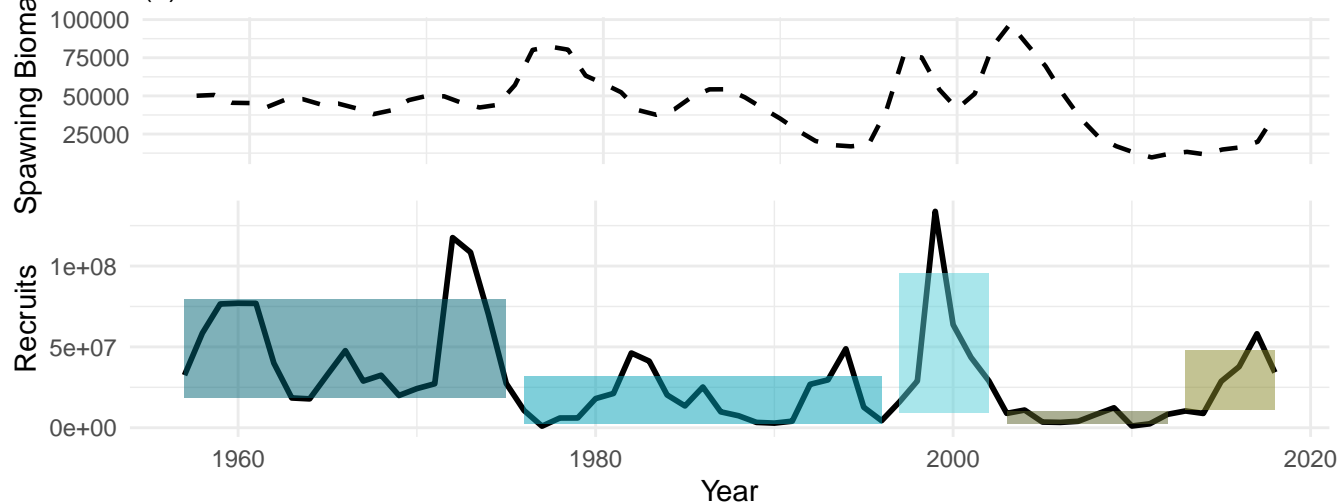


Haddock

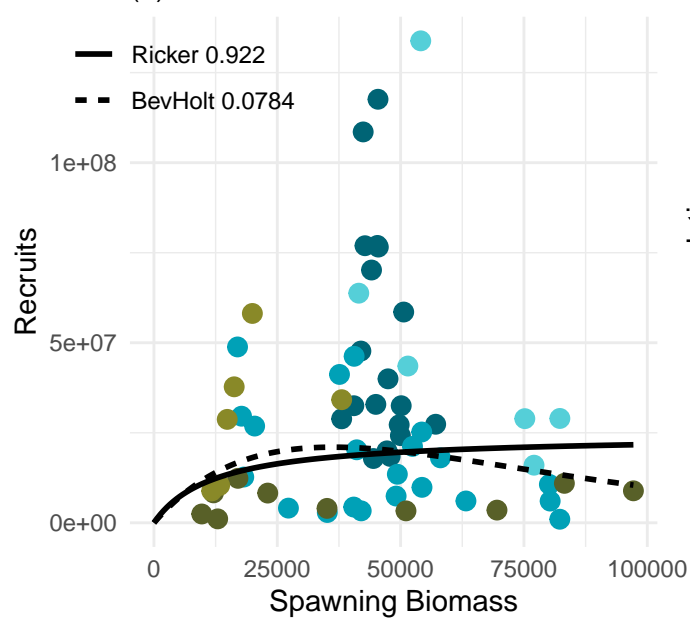
Melanogrammus aeglefinus

Area ID: multinational-ICES-Vb1

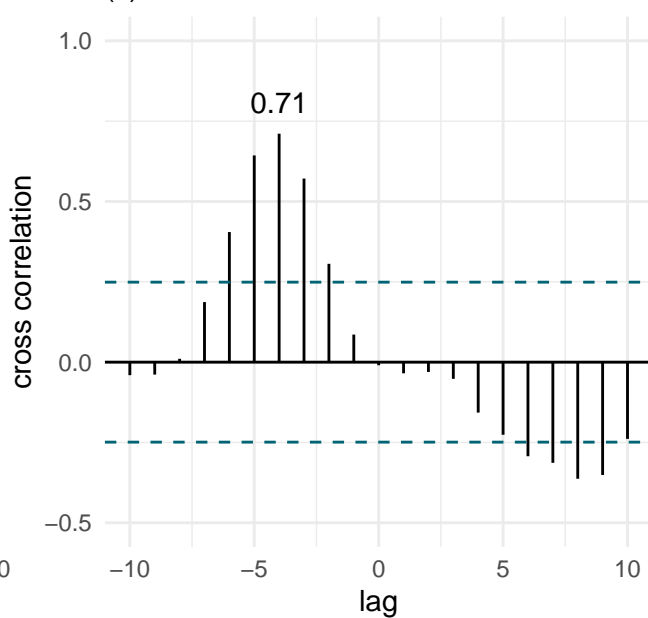
(a)



(b)



(c)

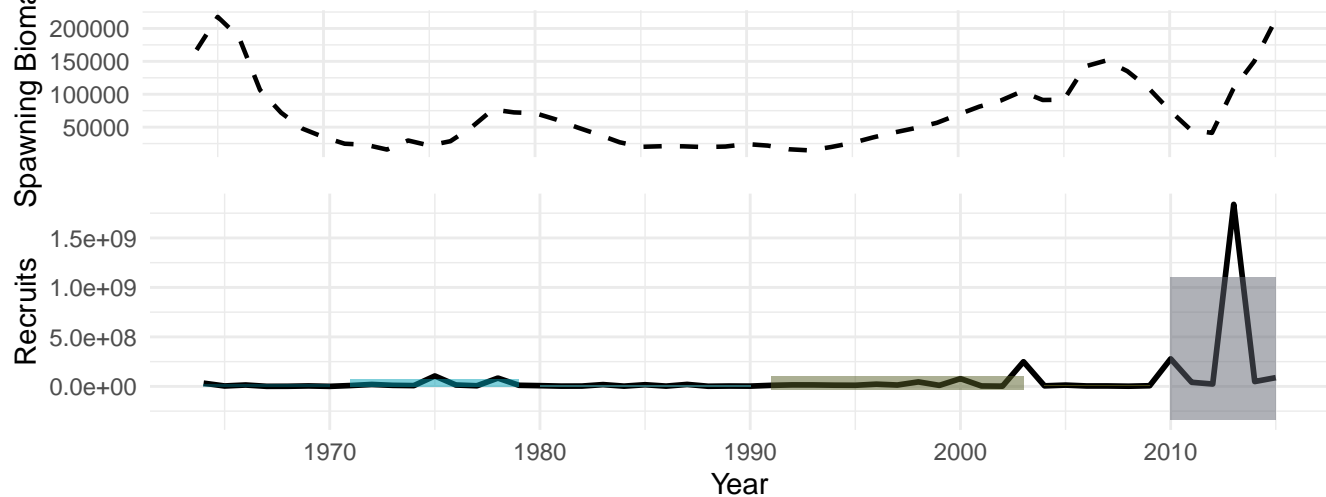


Haddock

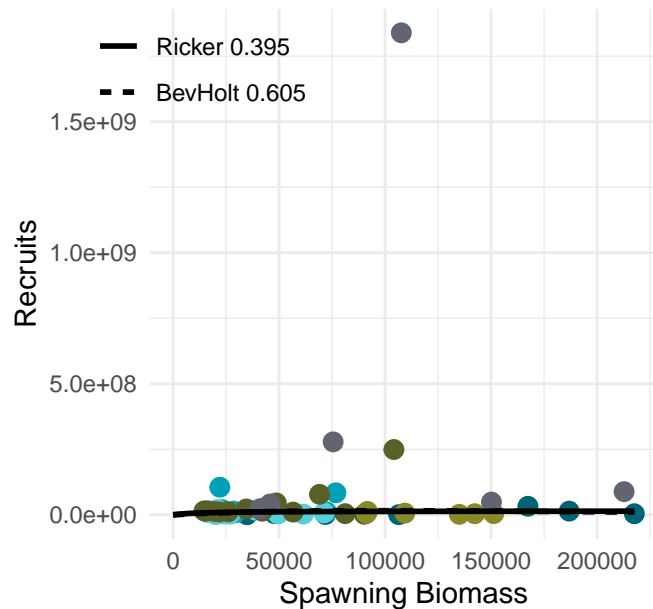
Melanogrammus aeglefinus

Area ID: USA-NMFS-GB

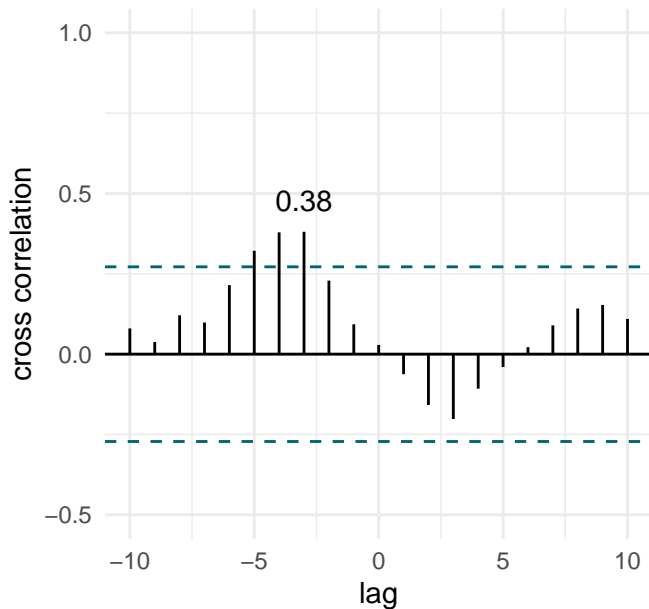
(a)



(b)



(c)

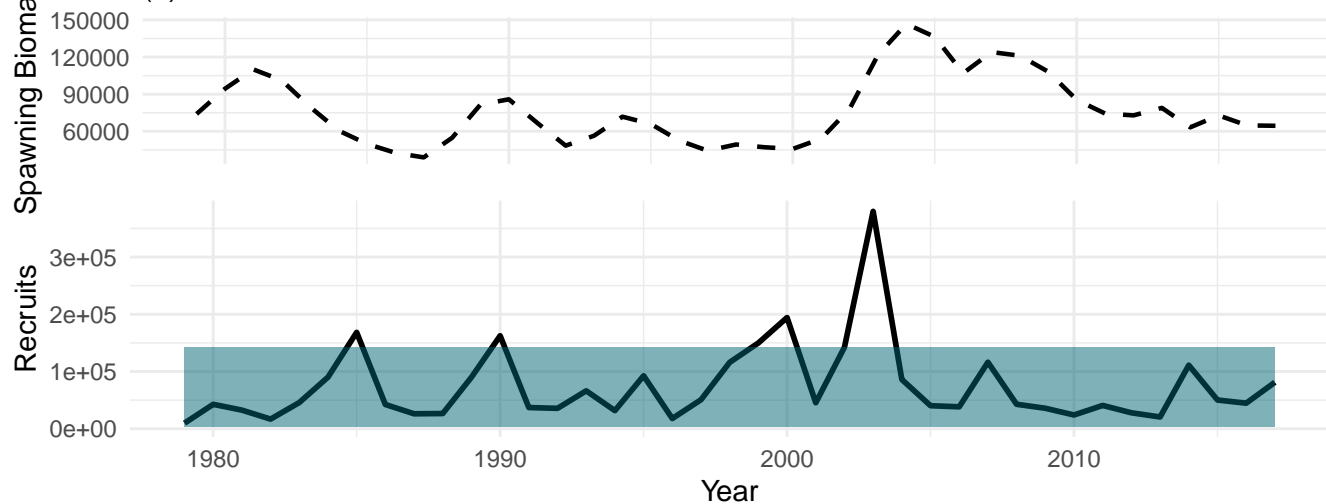


Haddock

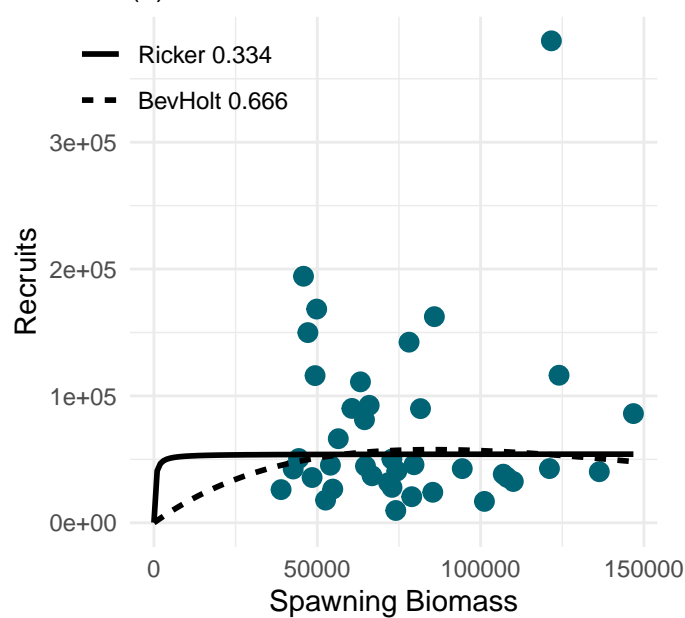
Melanogrammus aeglefinus

Area ID: multinational-ICES-Va

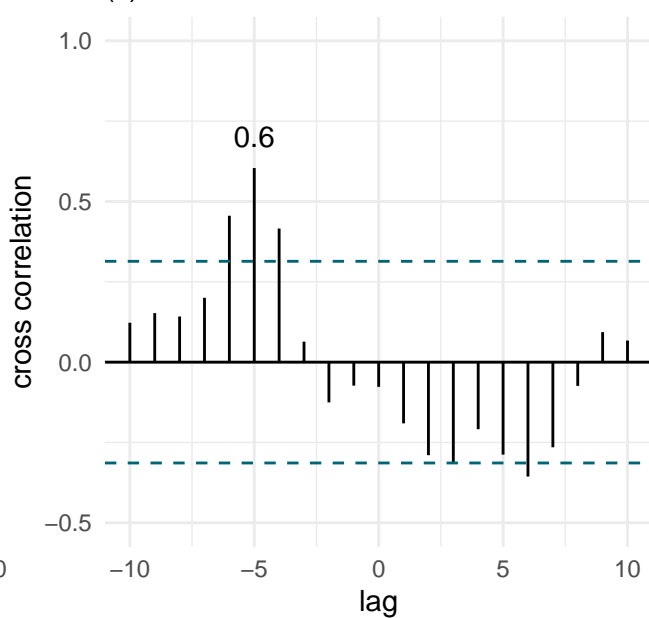
(a)



(b)



(c)

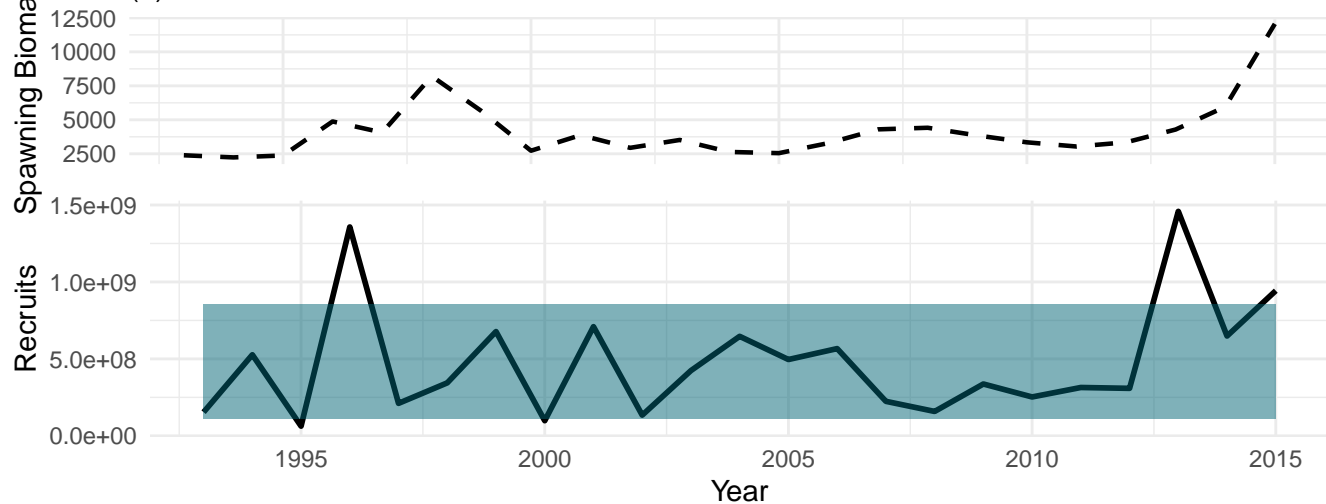


Haddock

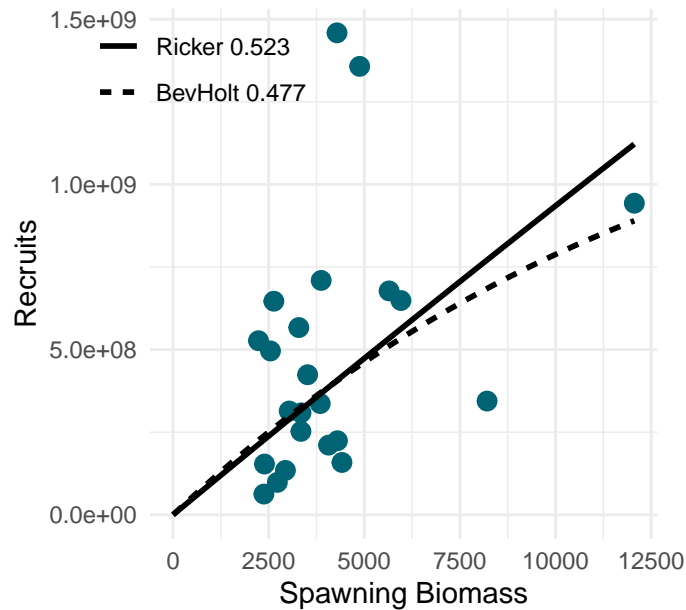
Melanogrammus aeglefinus

Area ID: multinational-ICES-VIIa

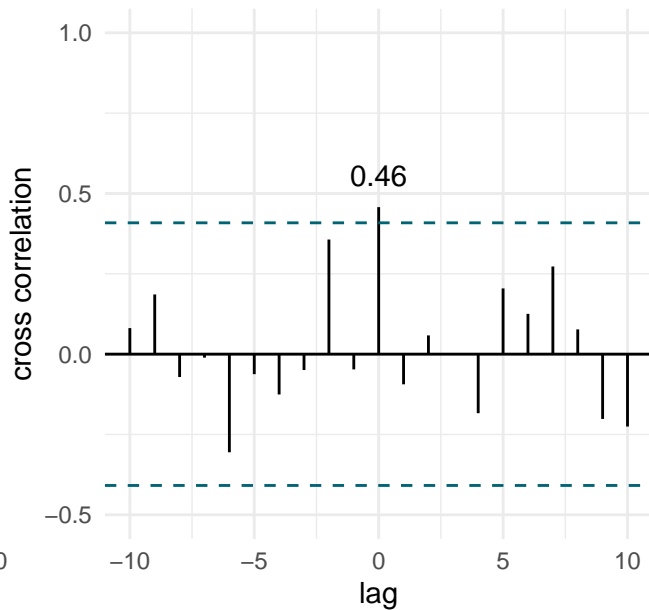
(a)



(b)



(c)

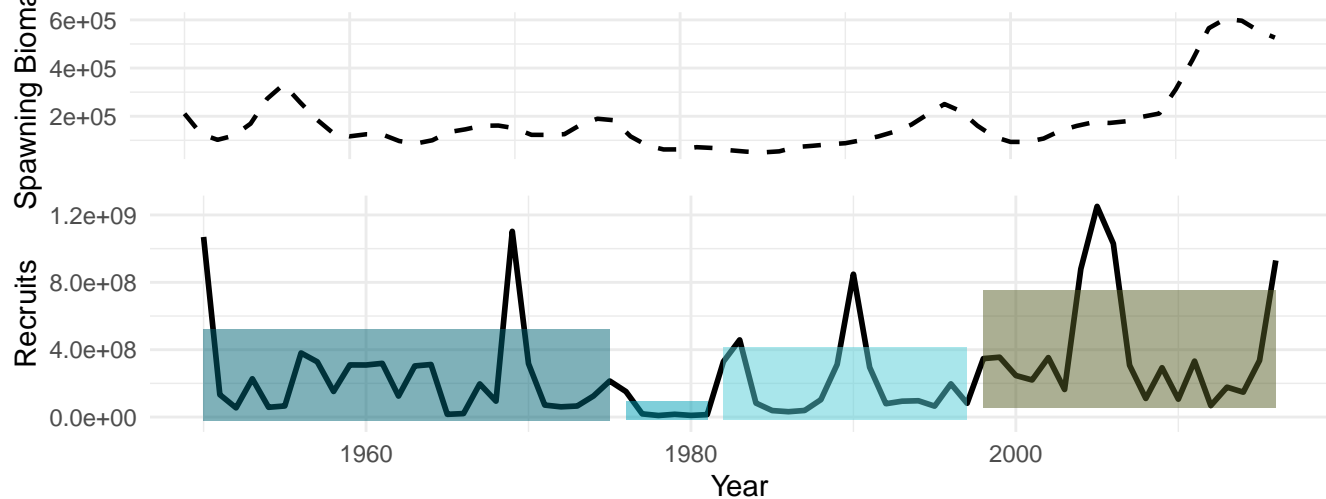


Haddock

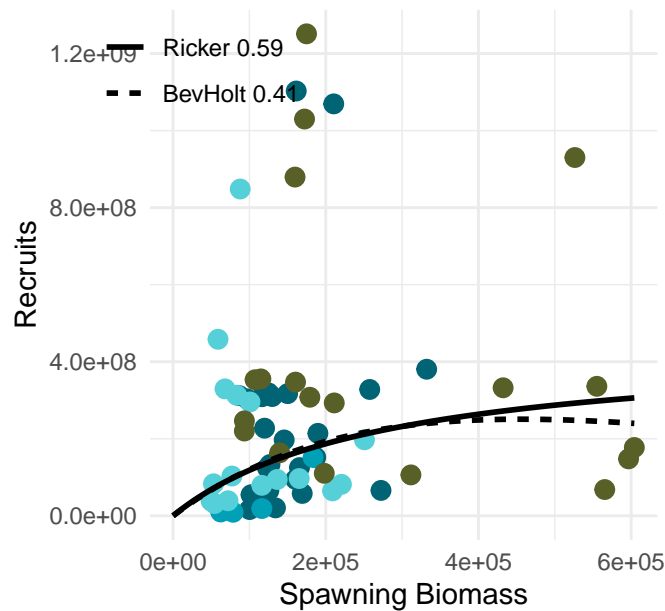
Melanogrammus aeglefinus

Area ID: multinational-ICES-I-II

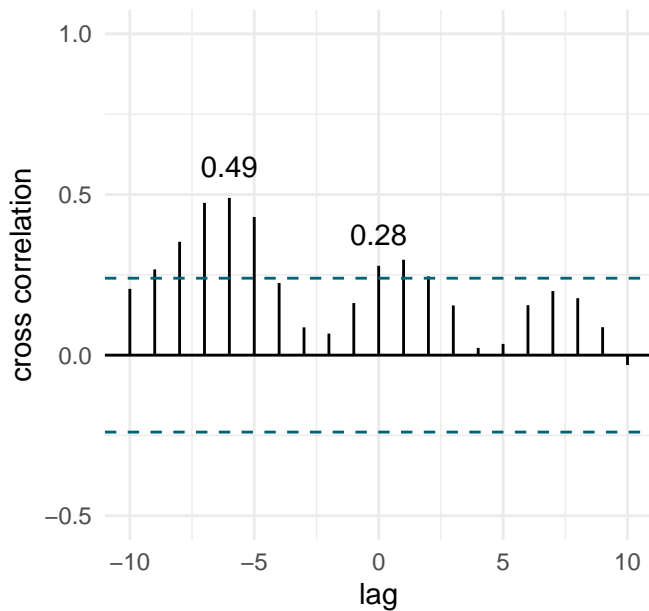
(a)



(b)



(c)

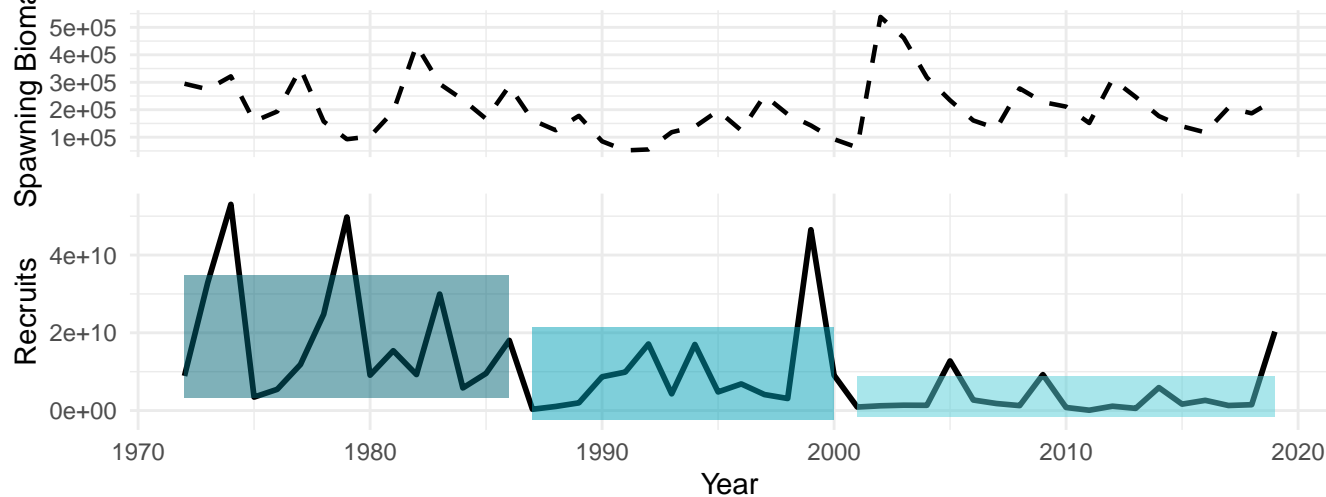


Haddock

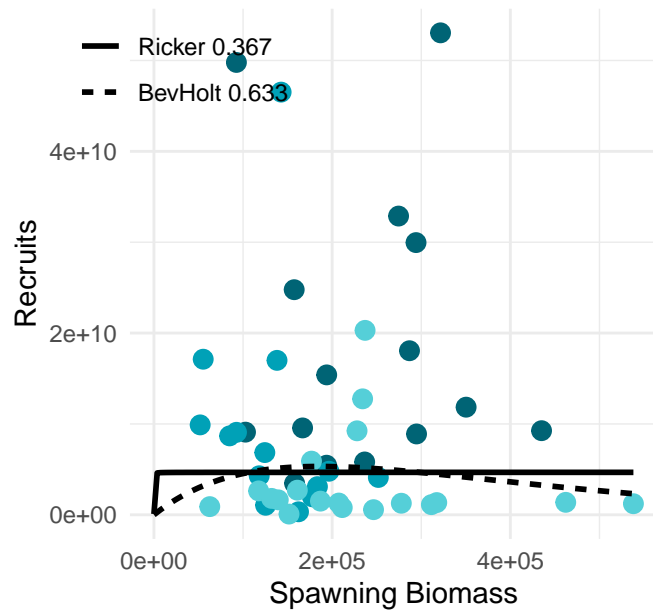
Melanogrammus aeglefinus

Area ID: multinational-ICES-NS-IIIa-VIa

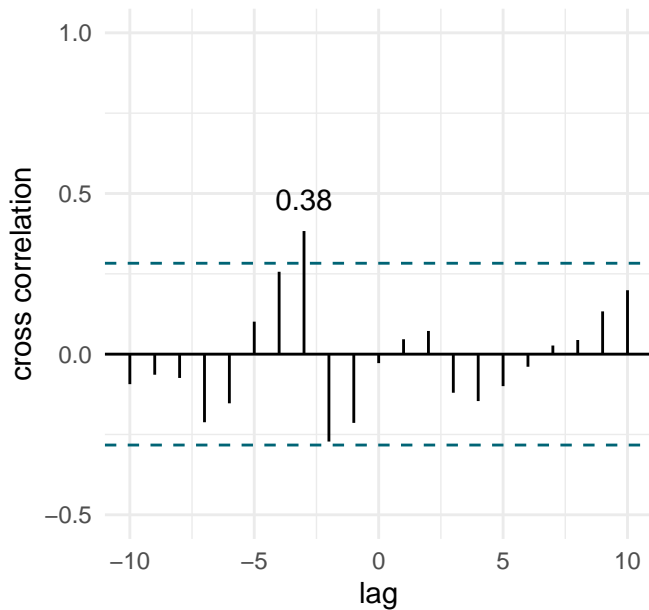
(a)



(b)



(c)

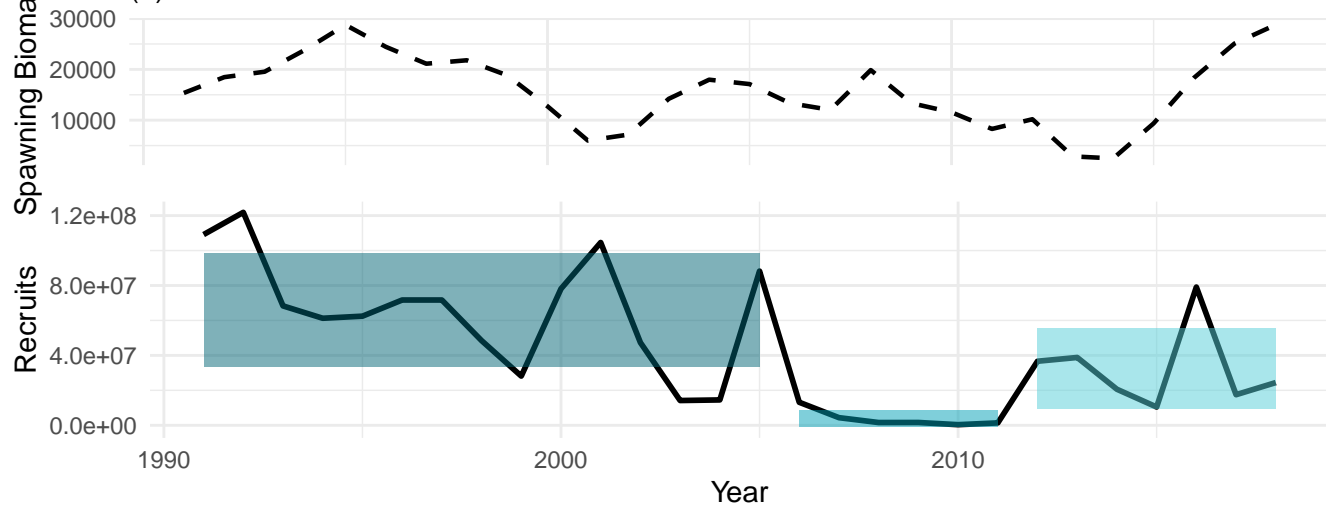


Haddock

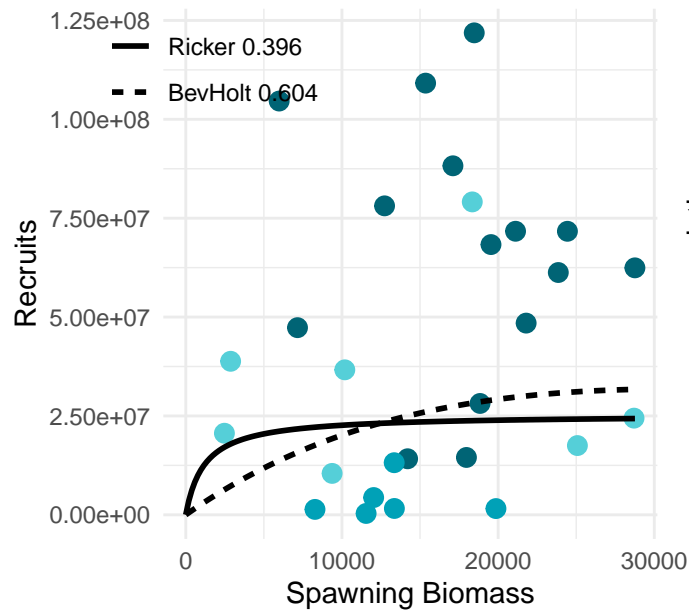
Melanogrammus aeglefinus

Area ID: multinational-ICES-VIb

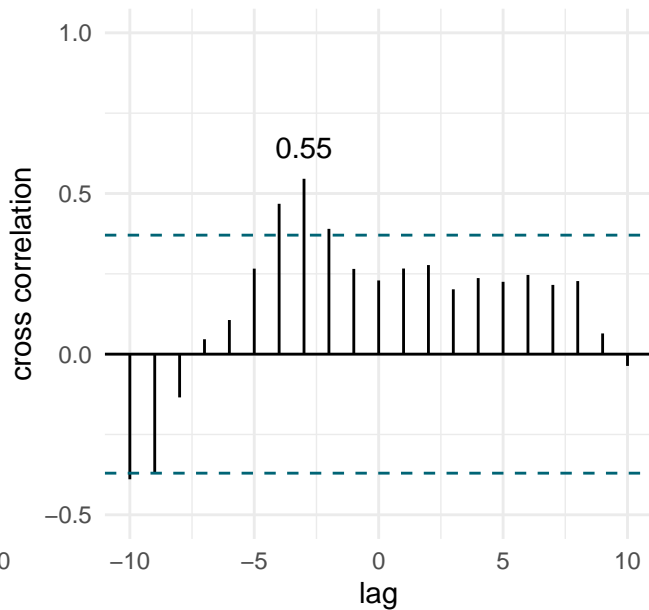
(a)



(b)



(c)

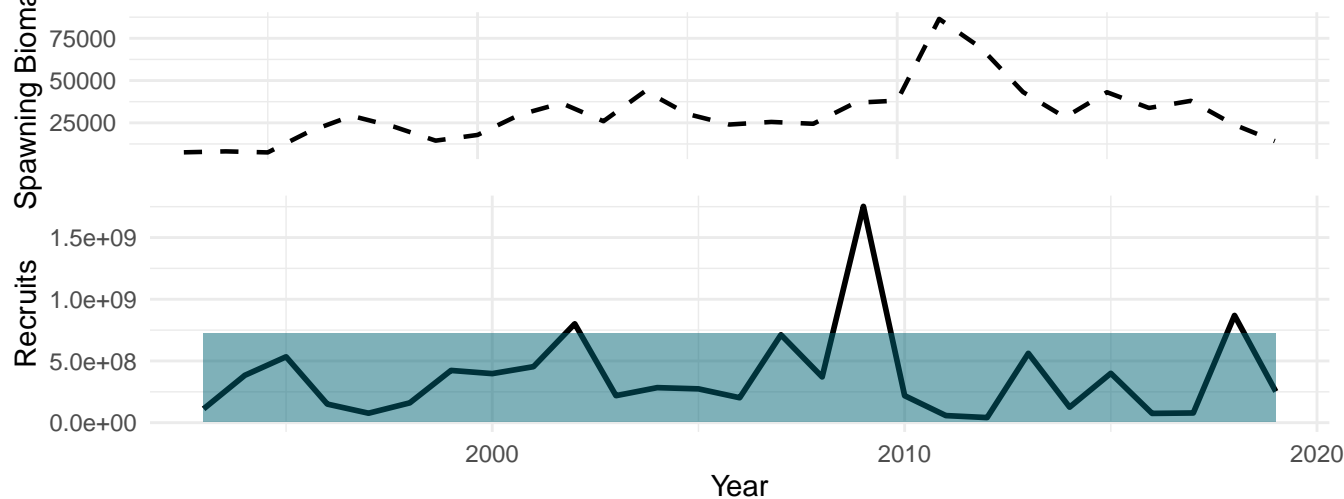


Haddock

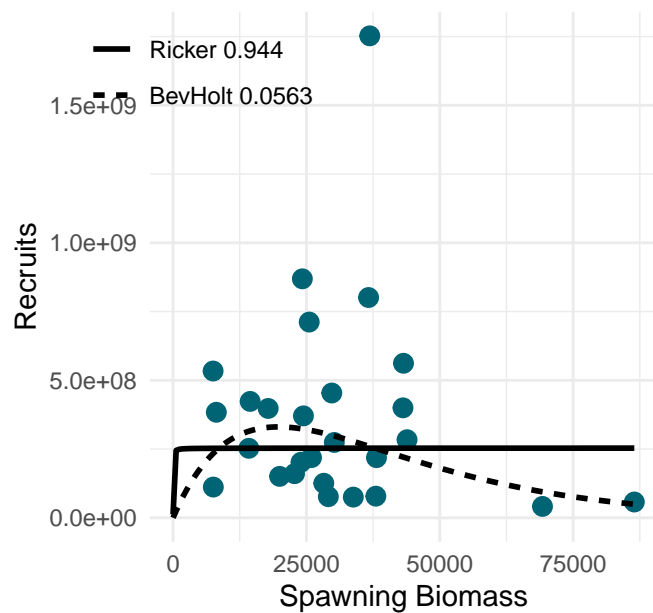
Melanogrammus aeglefinus

Area ID: multinational-ICES-VIIb-k

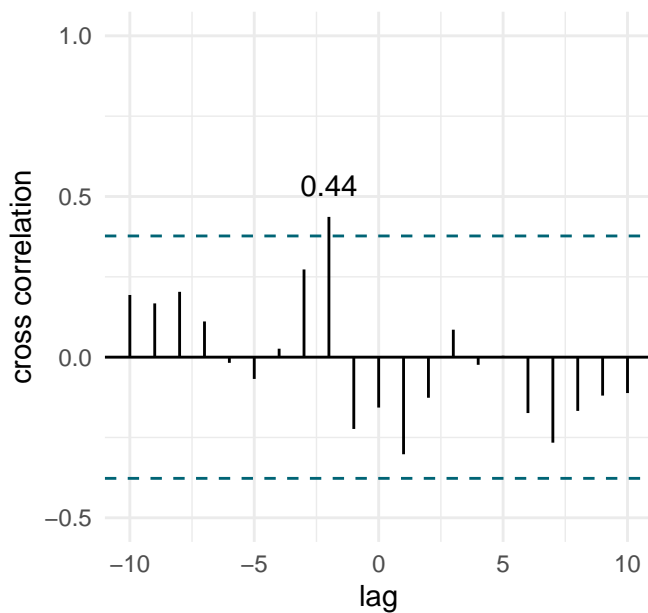
(a)



(b)



(c)

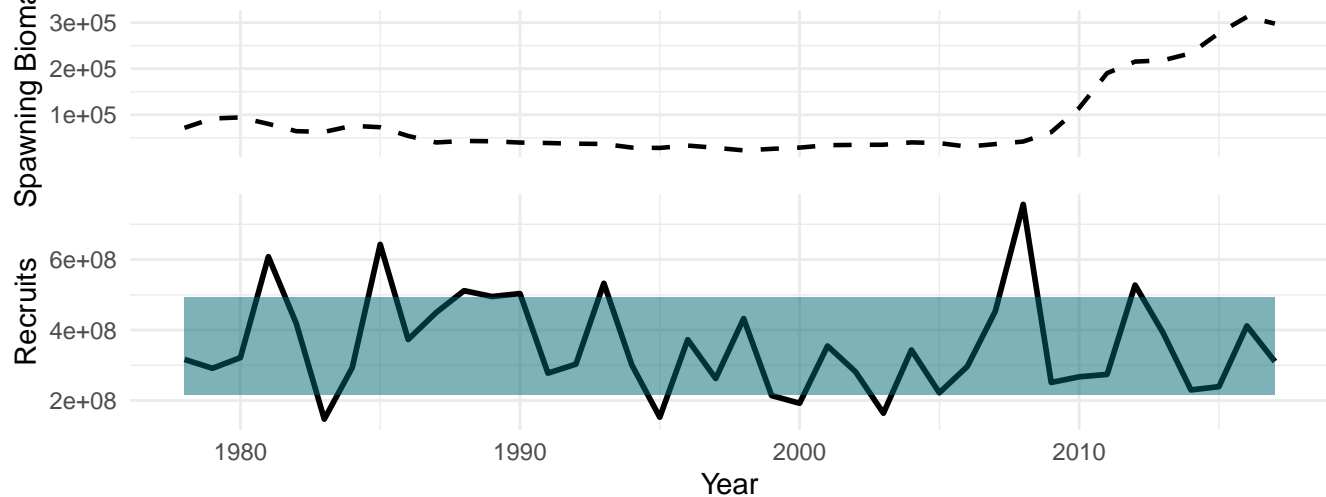


Hake

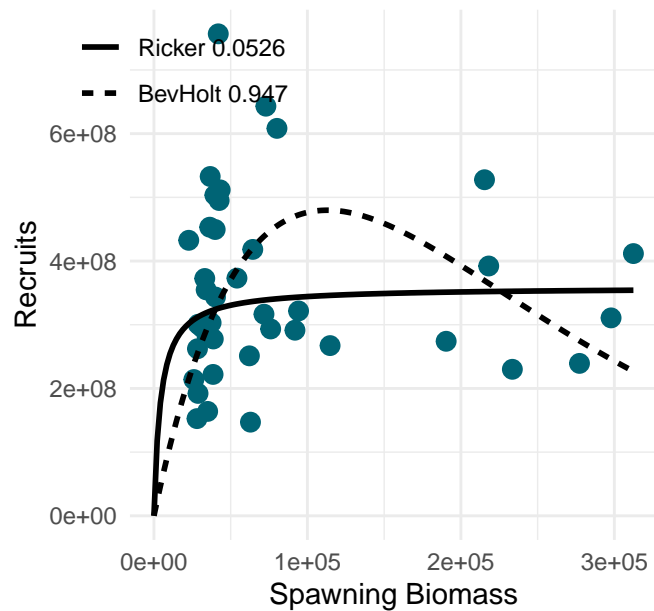
Merluccius merluccius

Area ID: multinational-ICES-IIIa-IV-VI-VII-VIIIabd

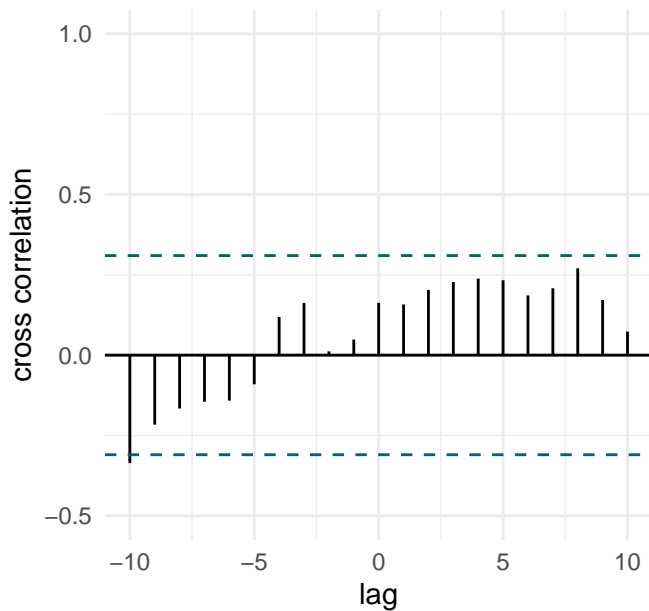
(a)



(b)



(c)

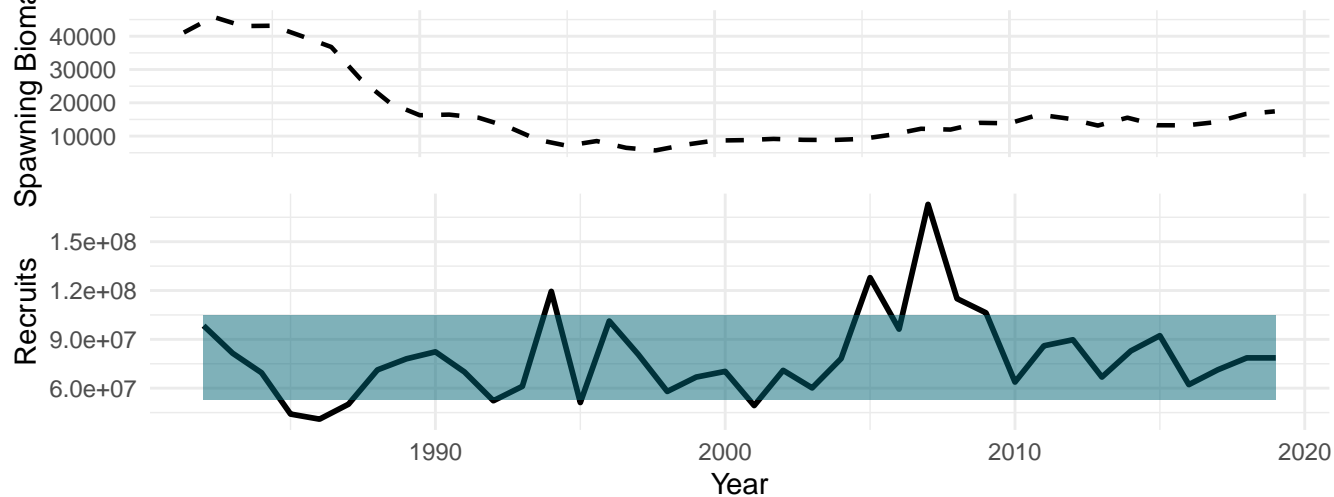


Hake

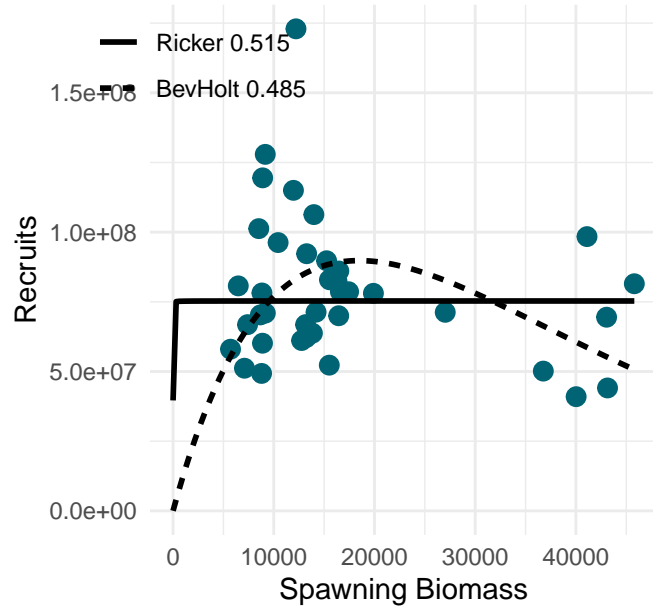
Merluccius merluccius

Area ID: multinational-ICES-VIIIc-IXa

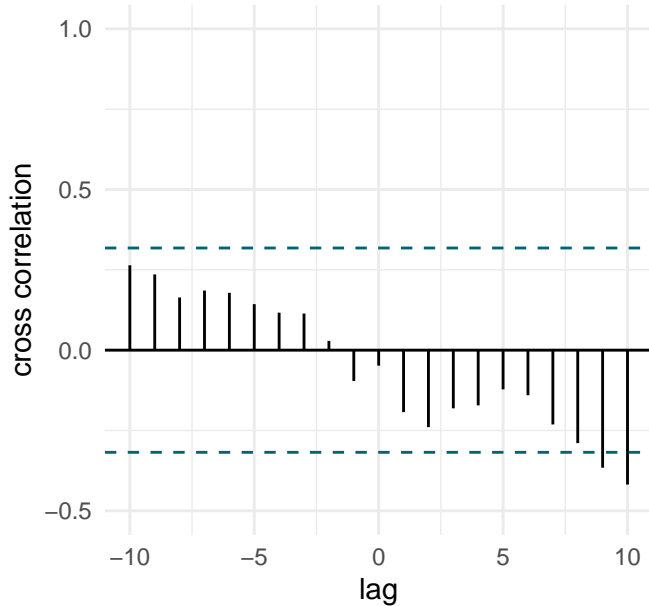
(a)



(b)



(c)

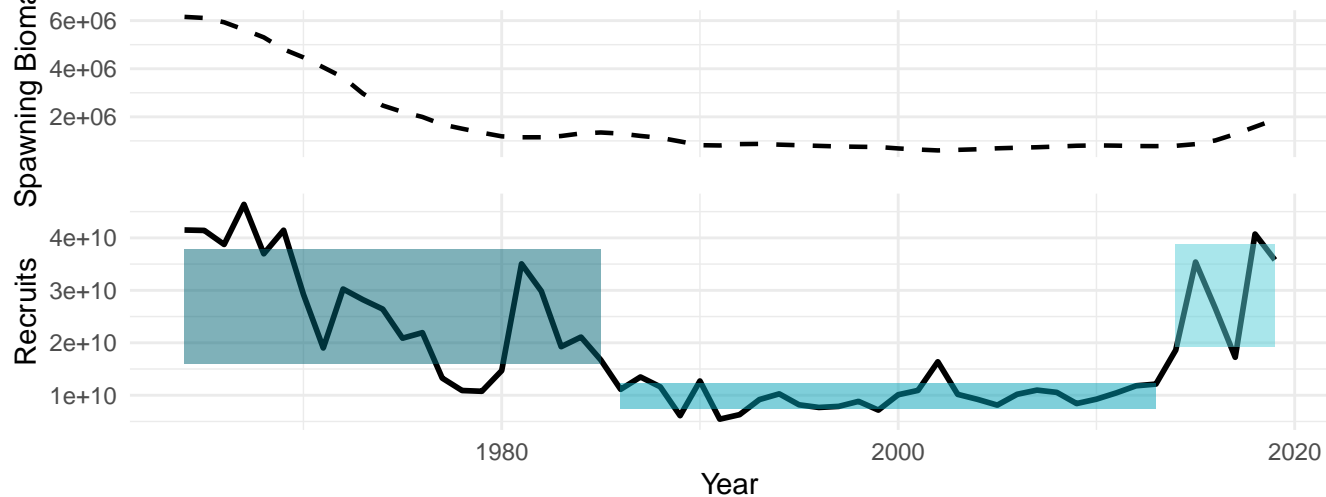


Hake spp

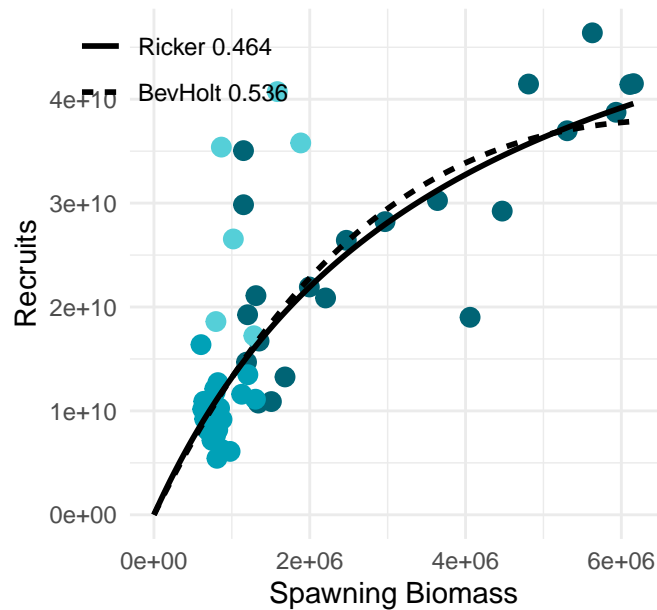
Merluccius spp

Area ID: Namibia-NMFMR-SAF

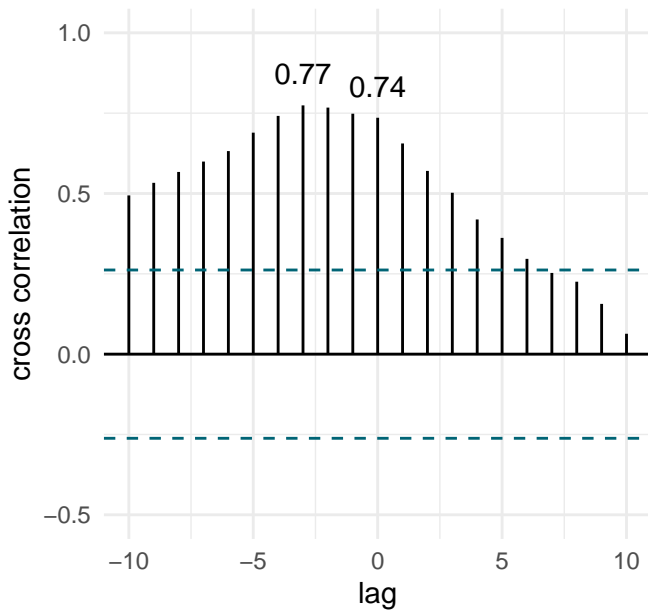
(a)



(b)



(c)

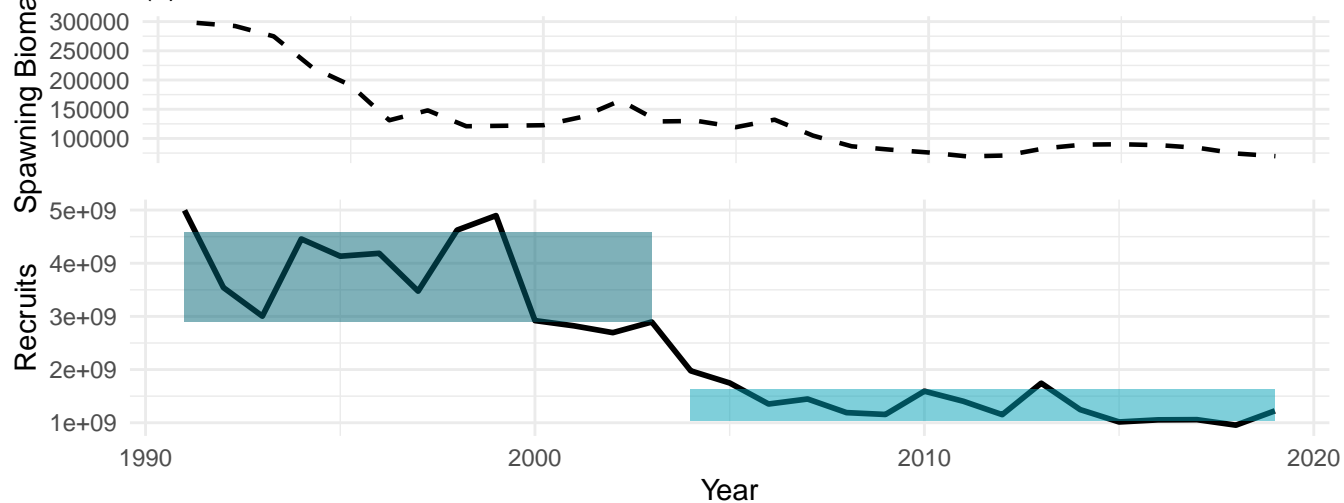


Herring

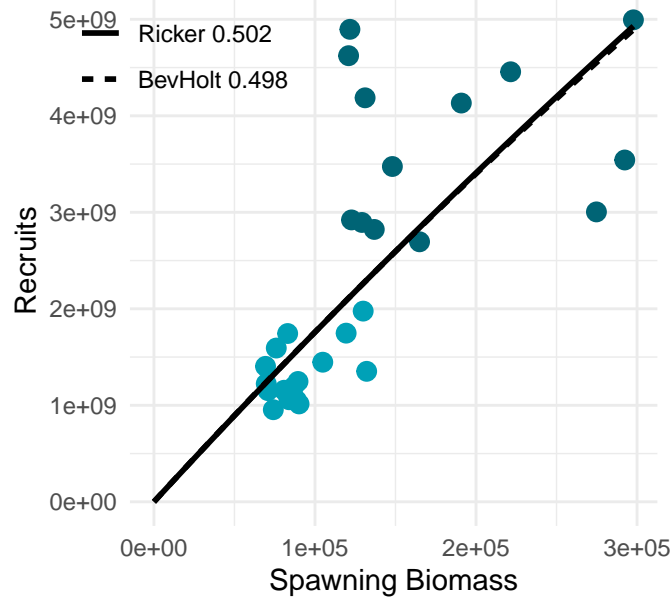
Clupea harengus

Area ID: multinational-ICES-22-24-IIIa

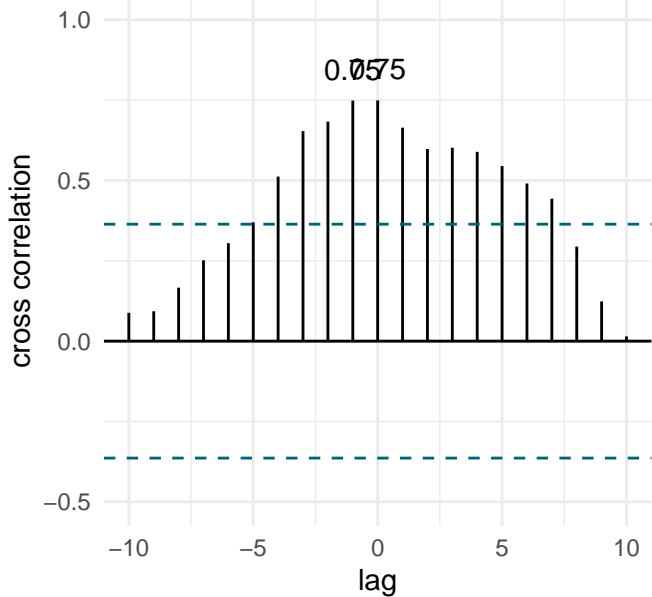
(a)



(b)



(c)

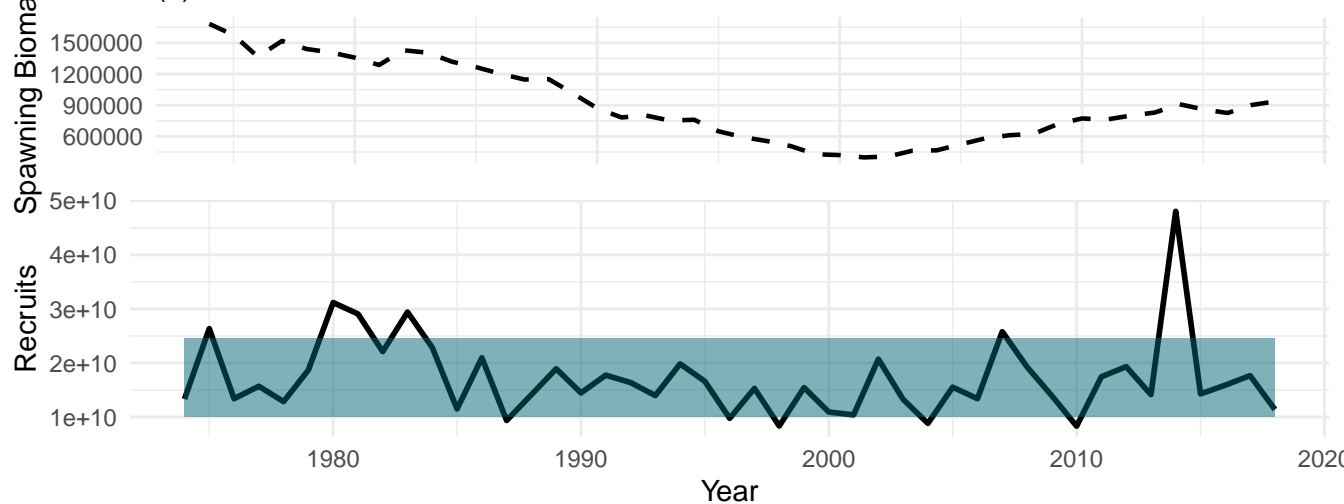


Herring

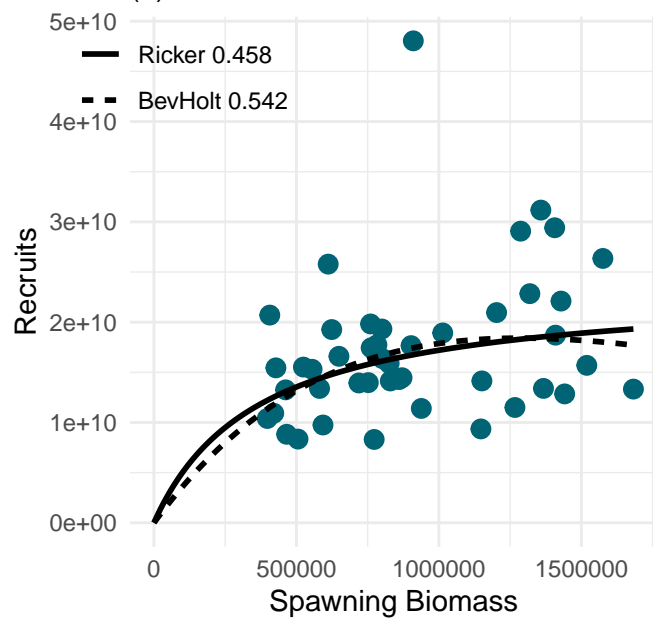
Clupea harengus

Area ID: multinational-ICES-2529-32

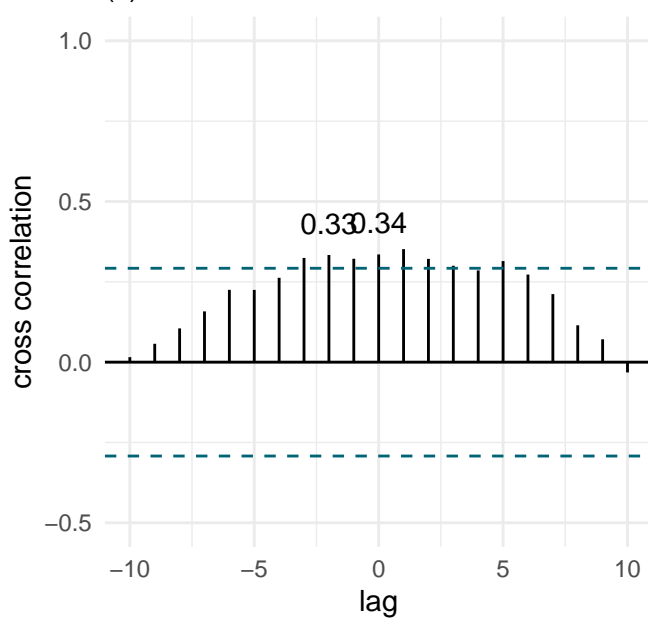
(a)



(b)



(c)

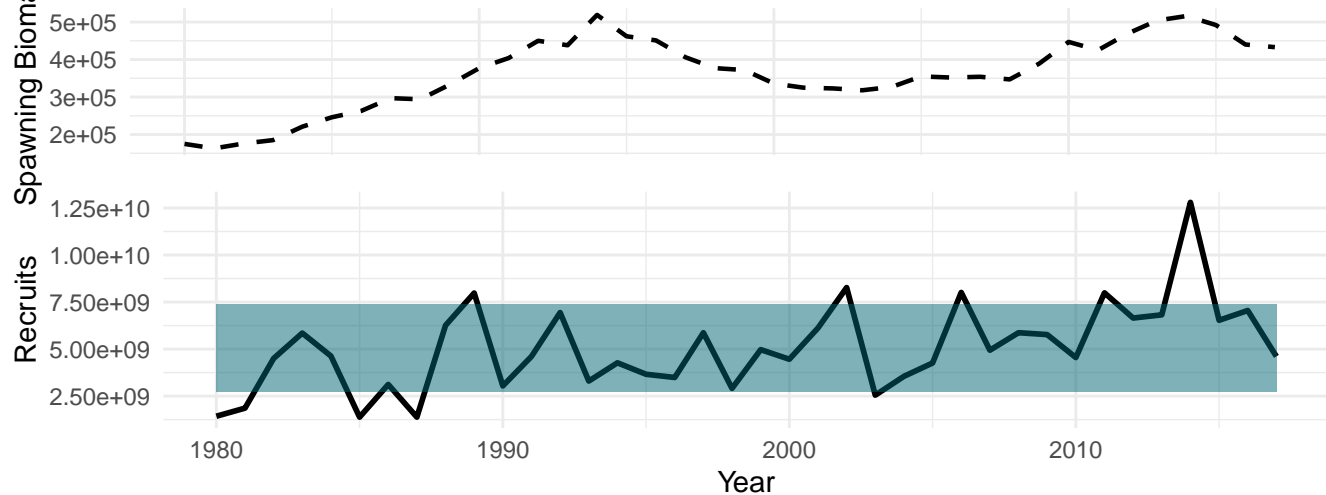


Herring

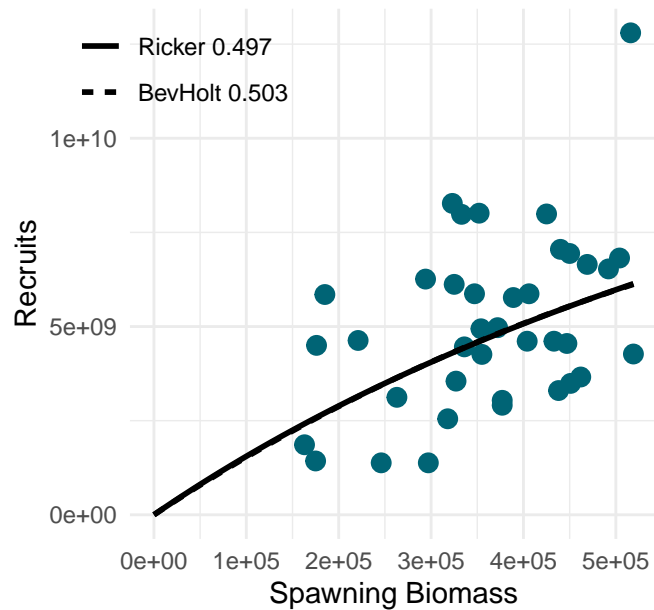
Clupea harengus

Area ID: multinational-ICES-30-31

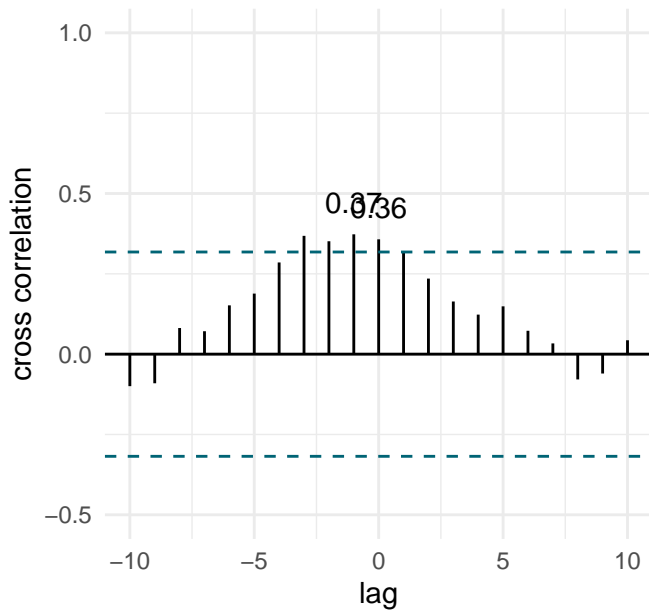
(a)



(b)



(c)

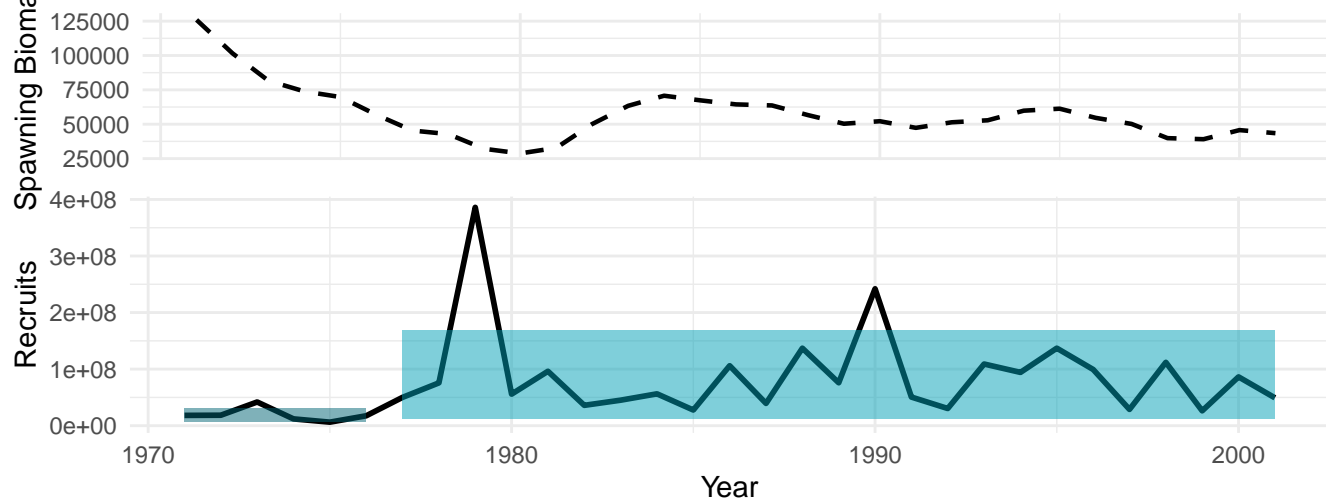


Herring

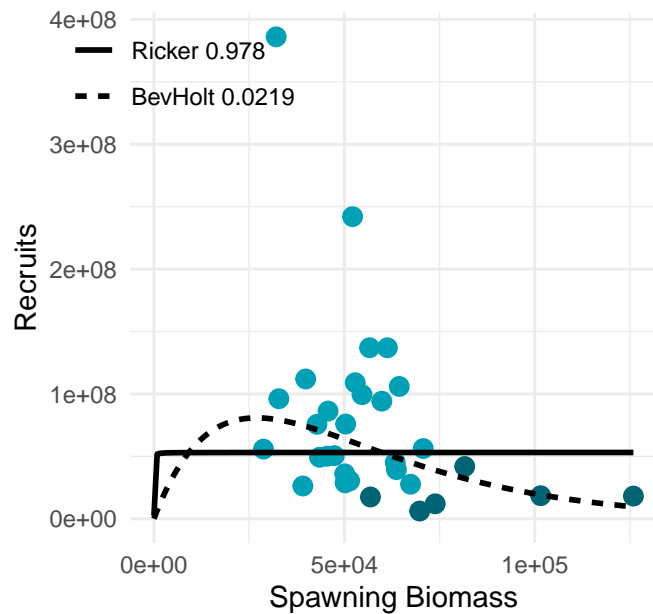
Clupea harengus

Area ID: Canada-DFO-4RFS

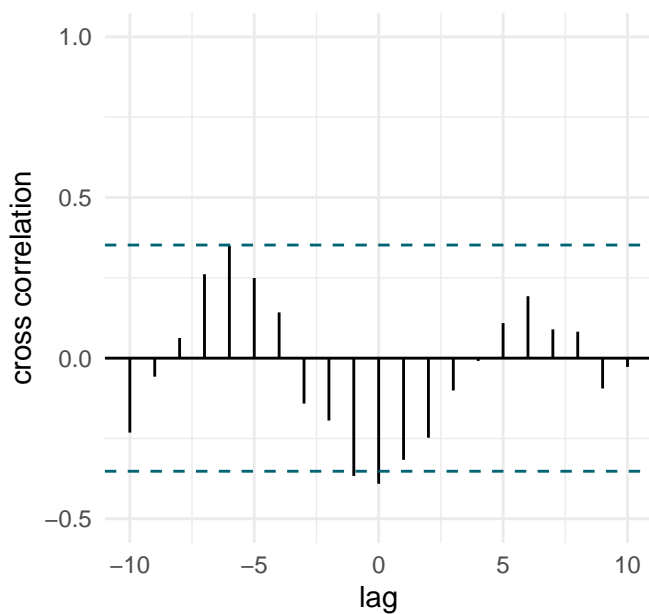
(a)



(b)



(c)

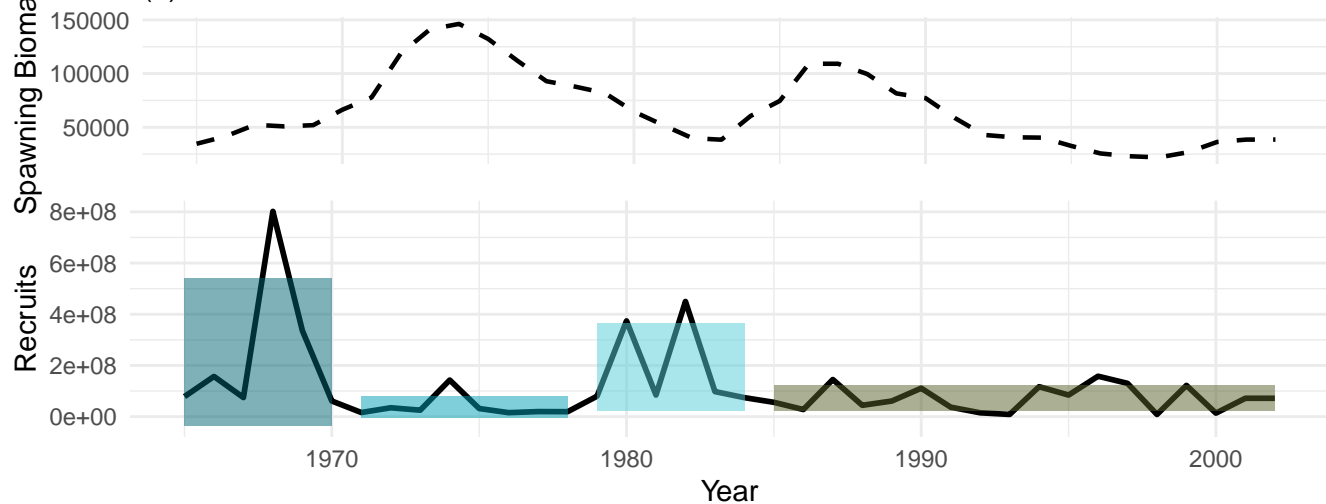


Herring

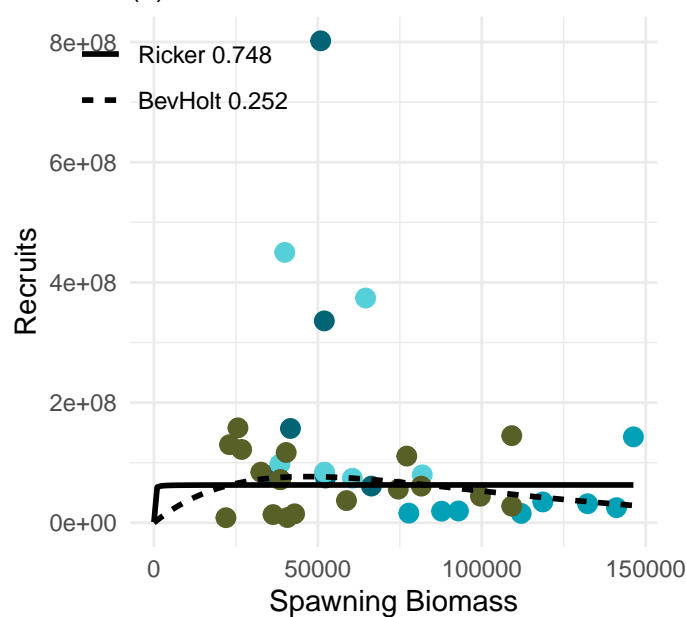
Clupea harengus

Area ID: Canada-DFO-4RSS

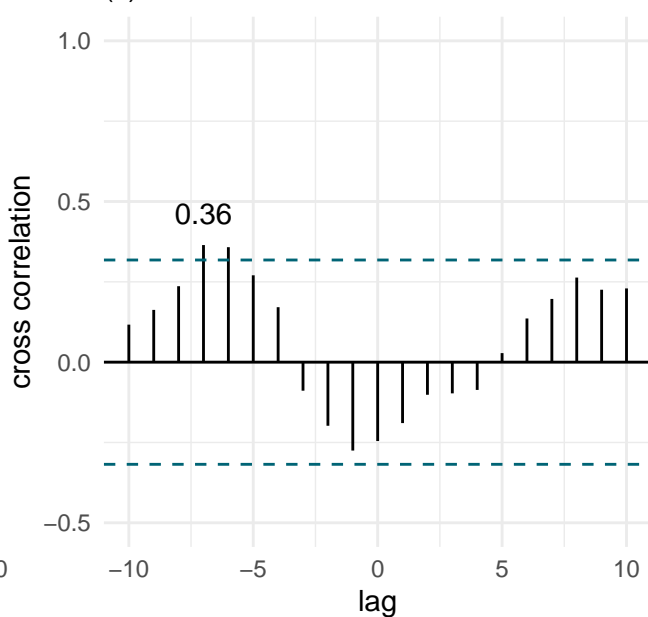
(a)



(b)



(c)

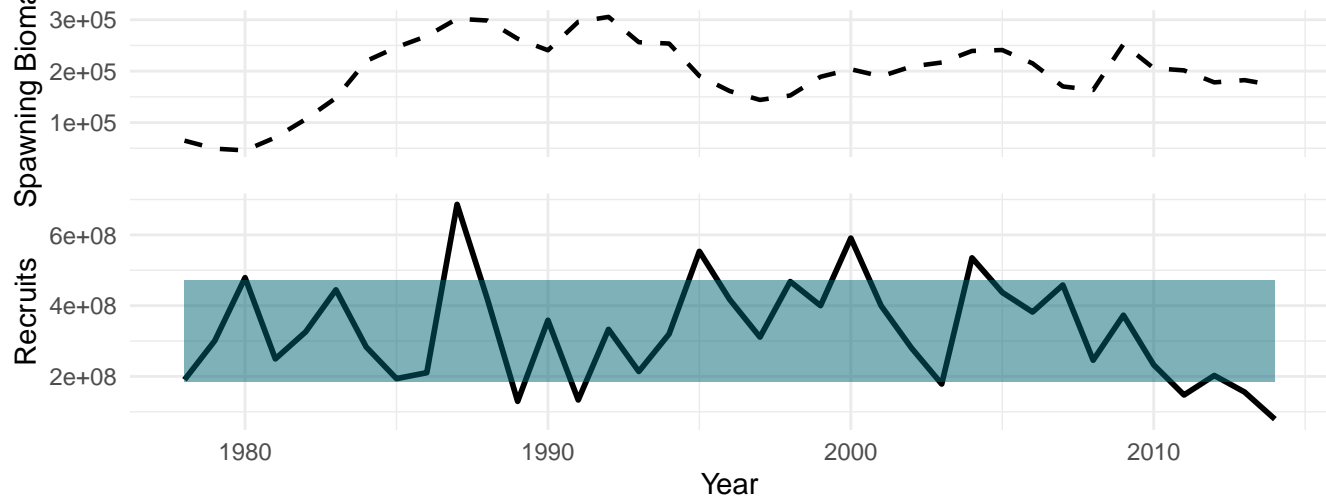


Herring

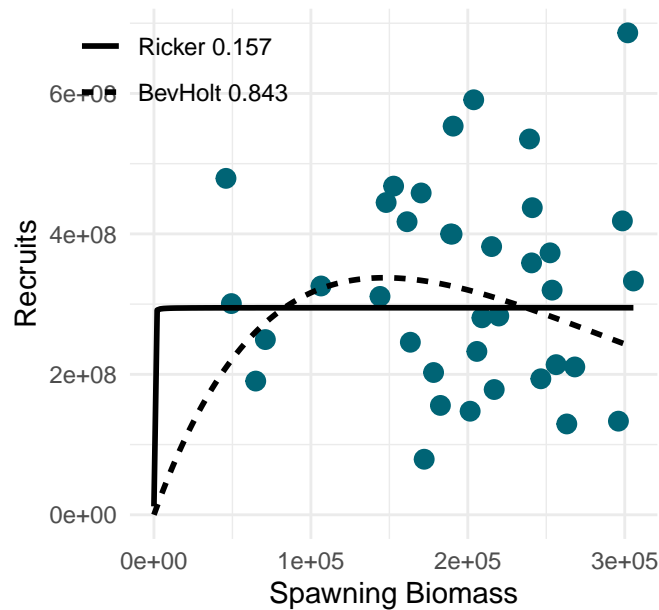
Clupea harengus

Area ID: Canada-DFO-4TFS

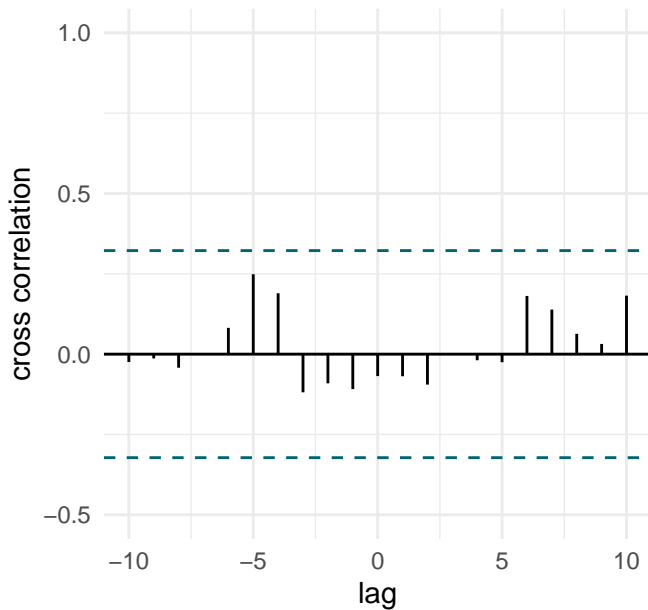
(a)



(b)



(c)

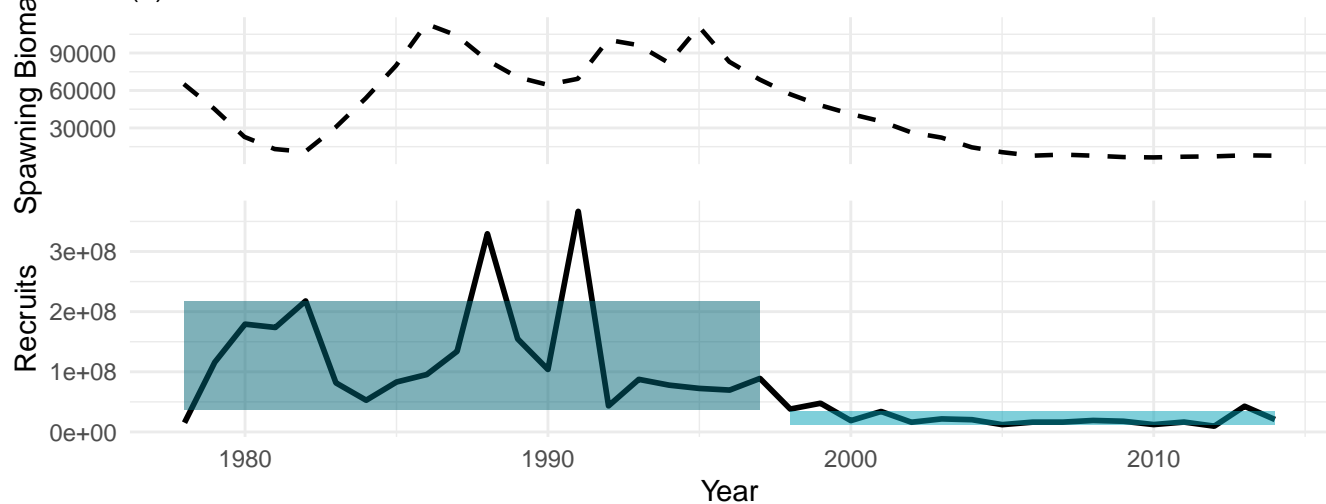


Herring

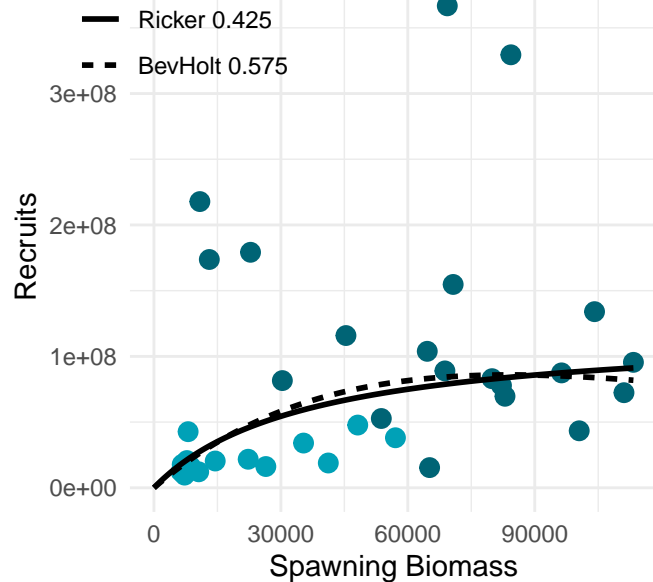
Clupea harengus

Area ID: Canada-DFO-4TSS

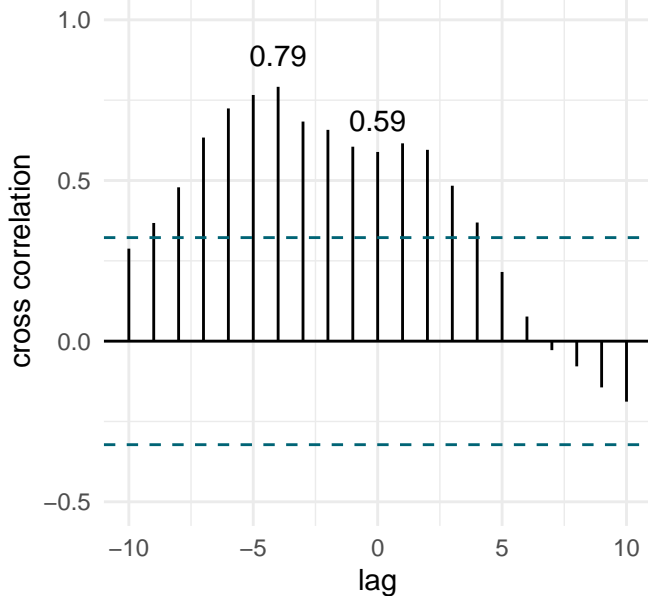
(a)



(b)



(c)

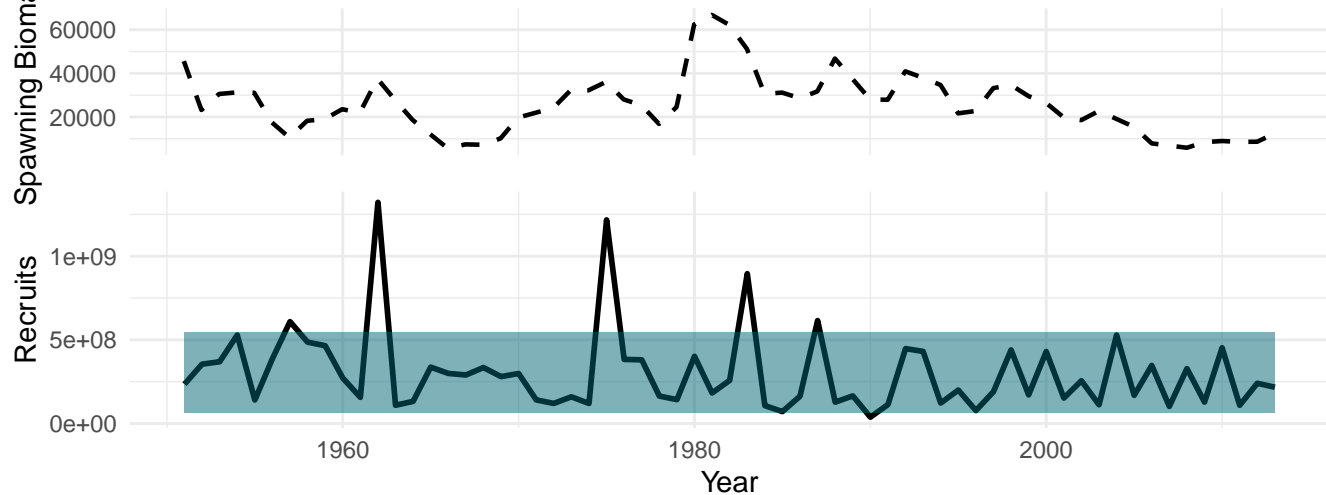


Pacific herring

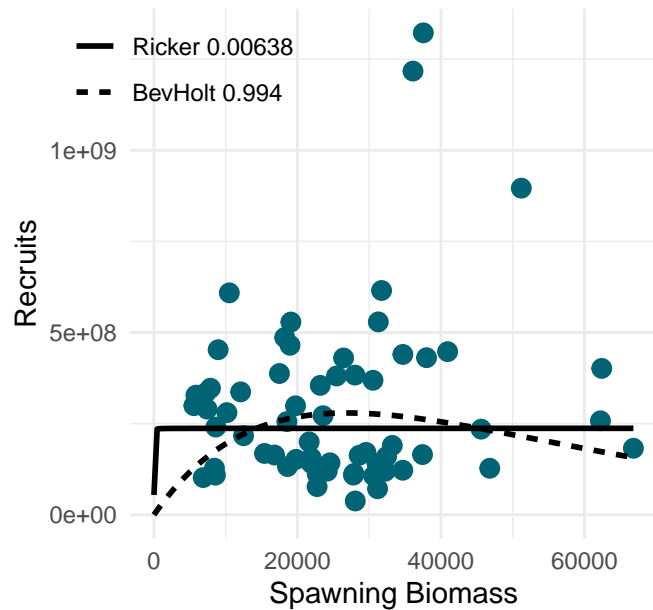
Clupea pallasii

Area ID: Canada-DFO-CC

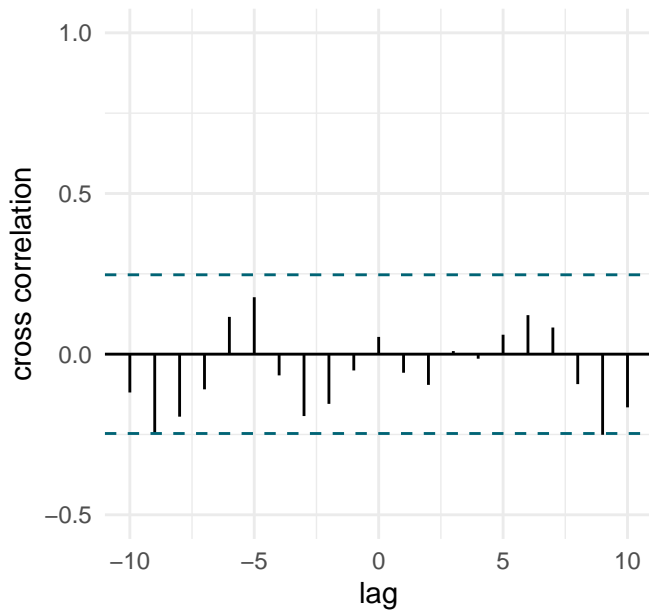
(a)



(b)



(c)

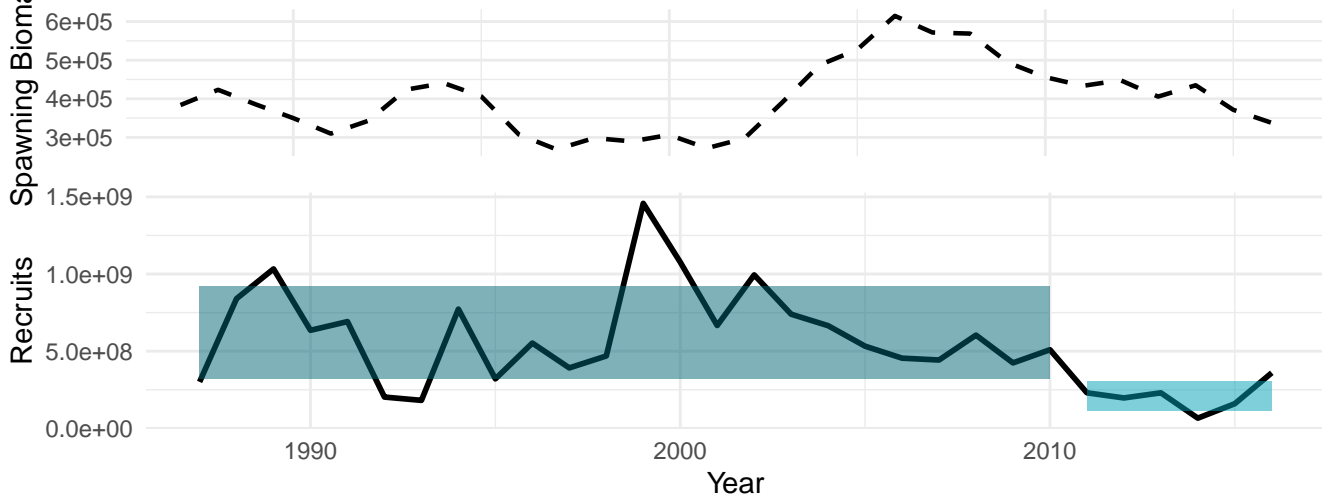


Herring

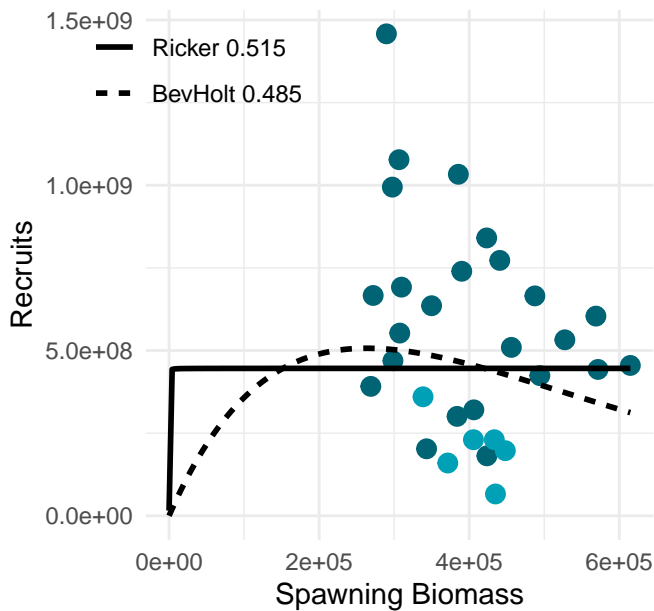
Clupea harengus

Area ID: multinational-ICES-VaSS

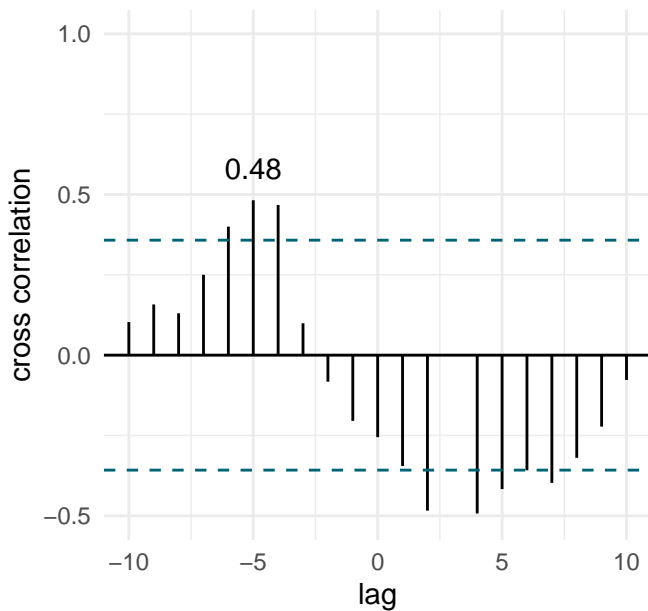
(a)



(b)



(c)

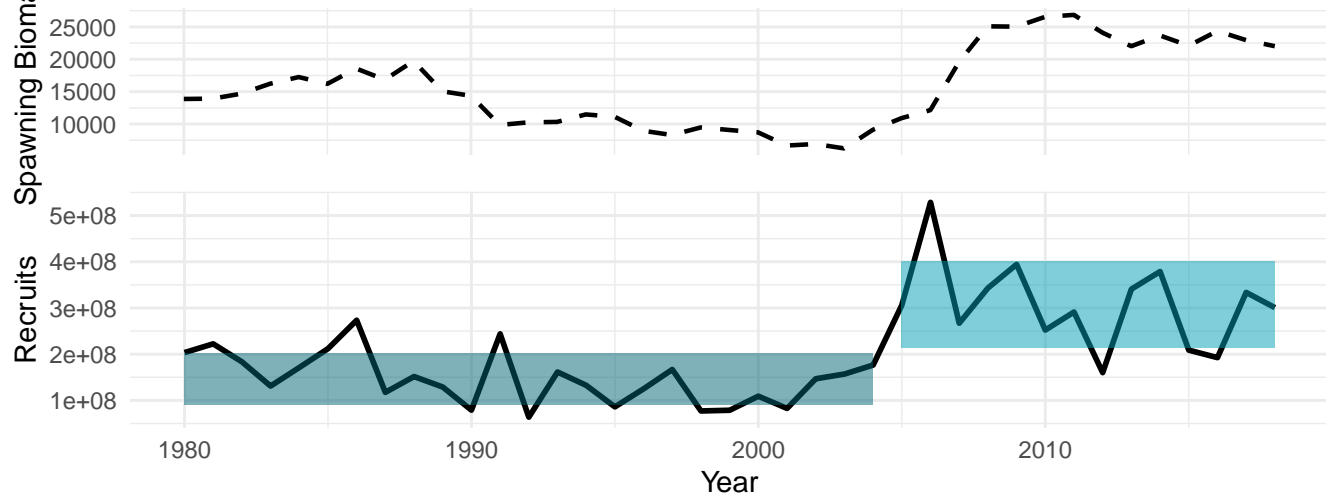


Herring

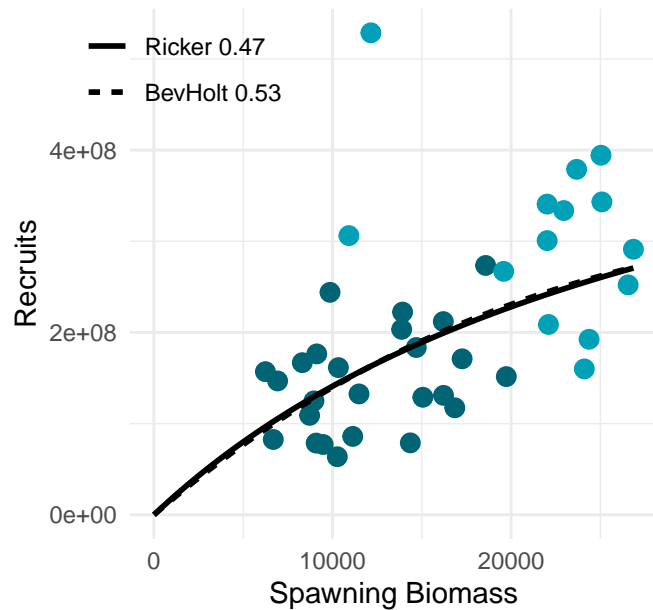
Clupea harengus

Area ID: multinational-ICES-VIIa

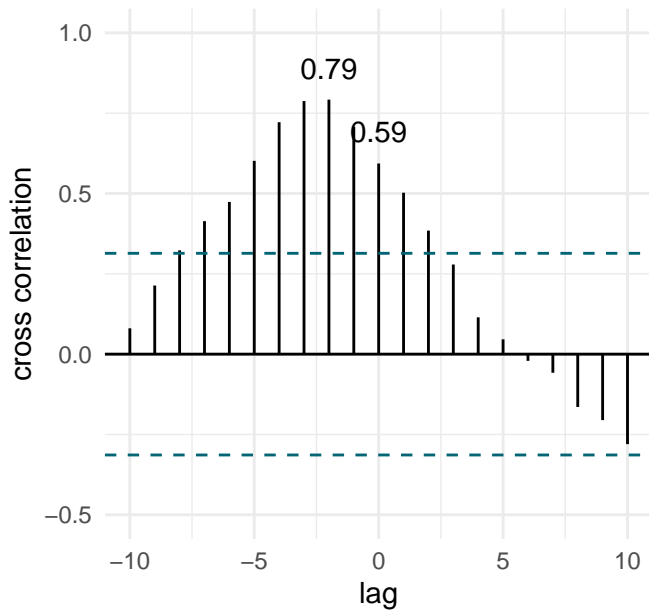
(a)



(b)



(c)

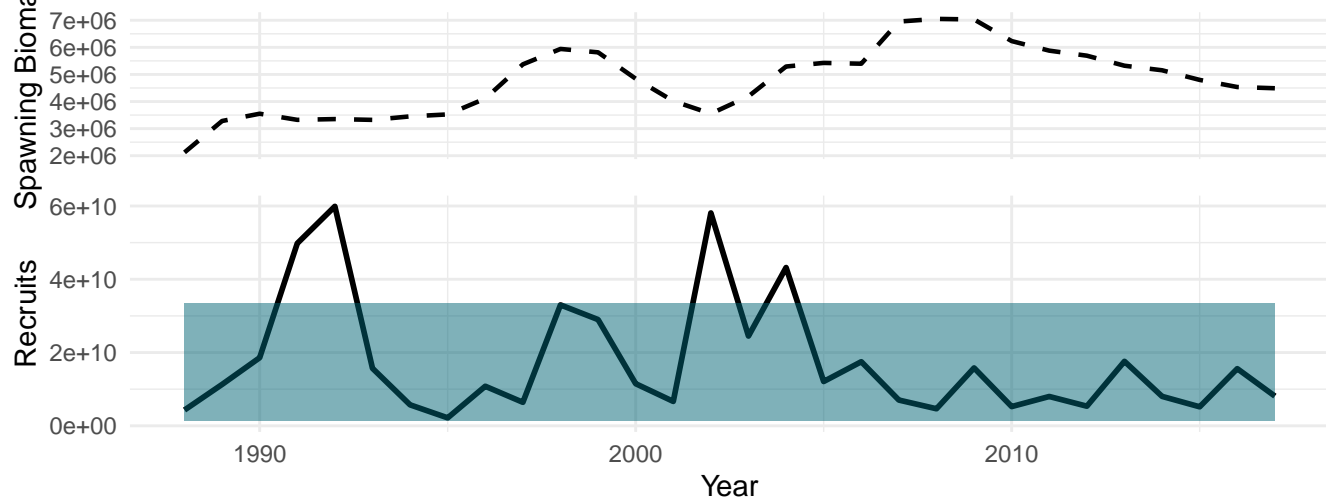


Herring

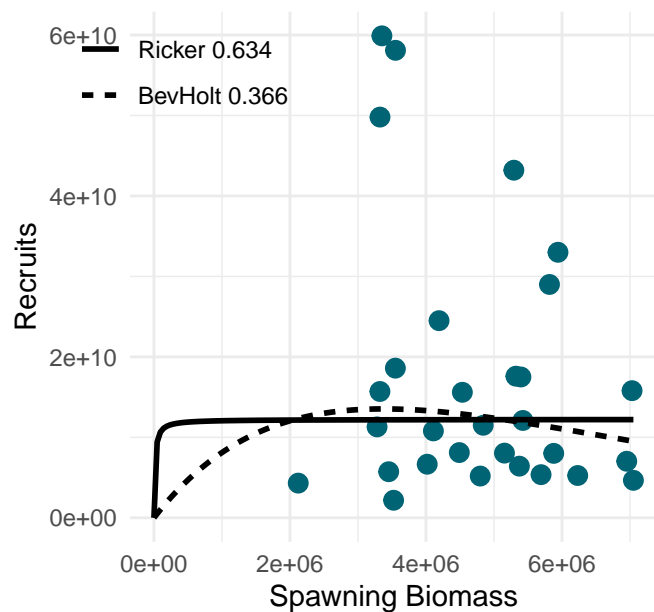
Clupea harengus

Area ID: multinational-ICES-I-II-IVa-V-XIVaNSS

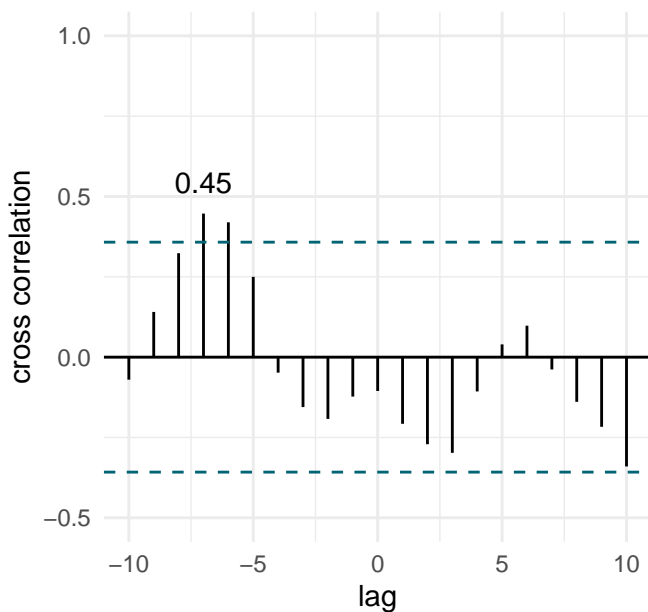
(a)



(b)



(c)

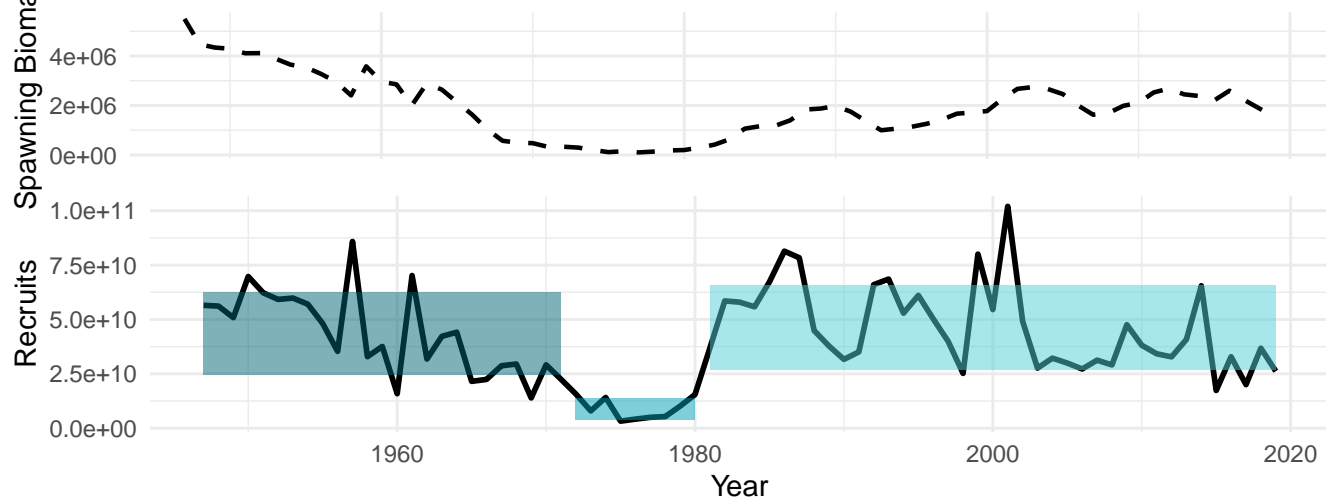


Herring

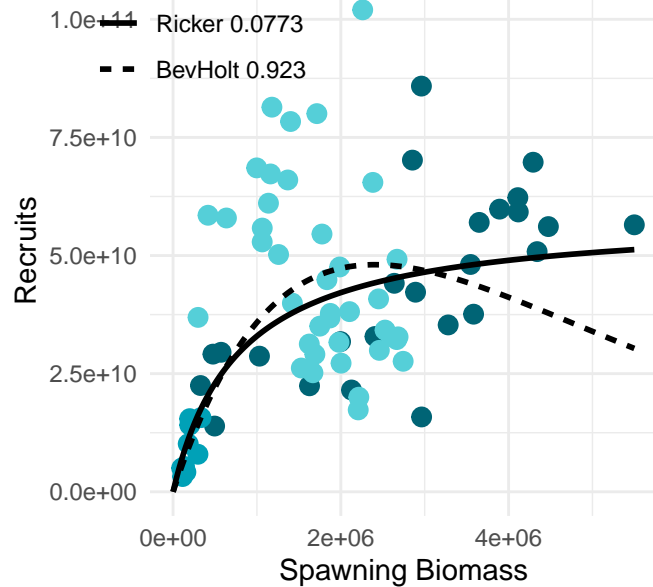
Clupea harengus

Area ID: multinational-ICES-IIIa-IV-VIIId

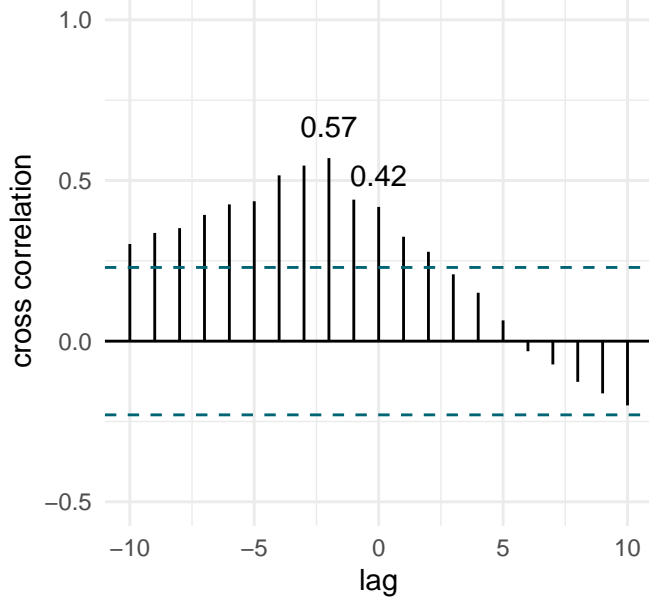
(a)



(b)



(c)

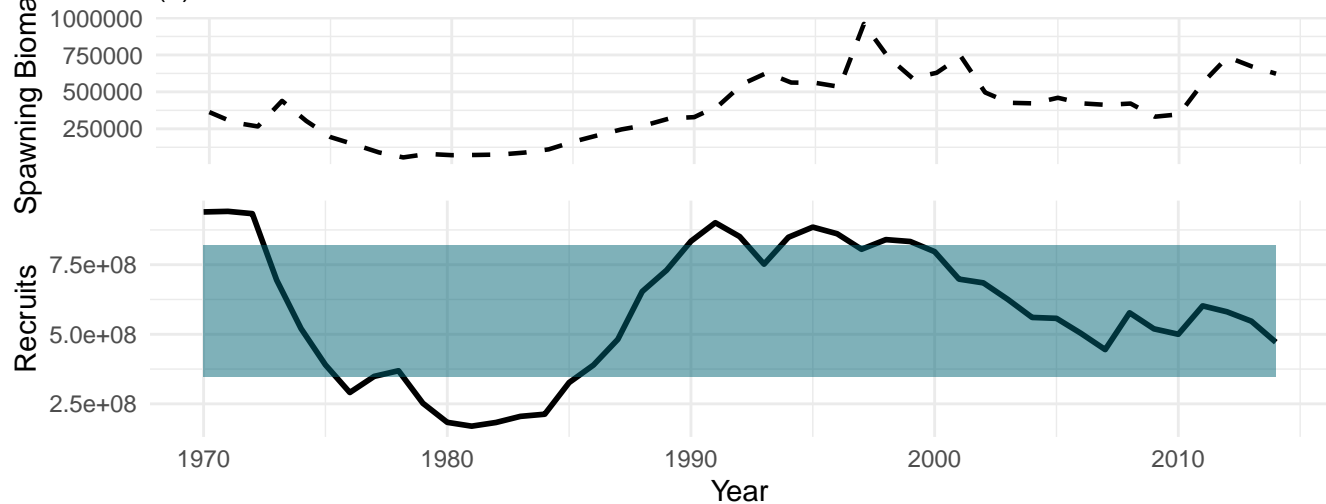


Herring

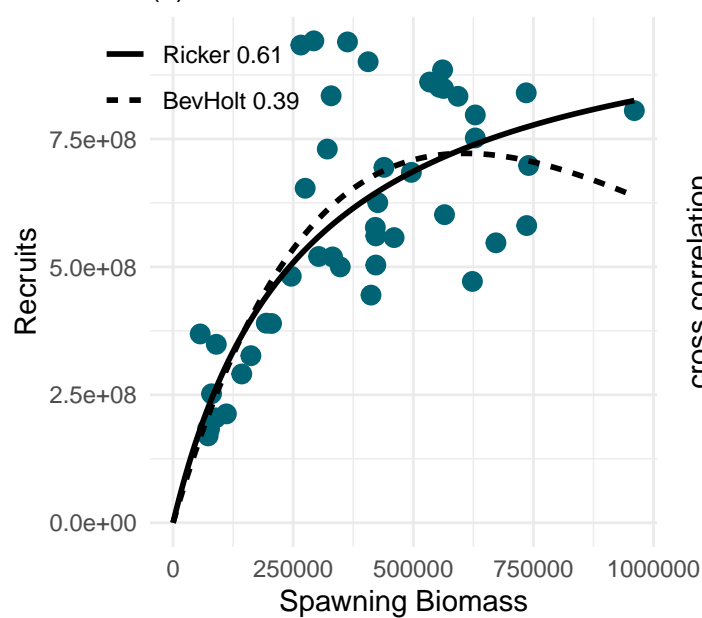
Clupea harengus

Area ID: USA-NMFS-NWATLC

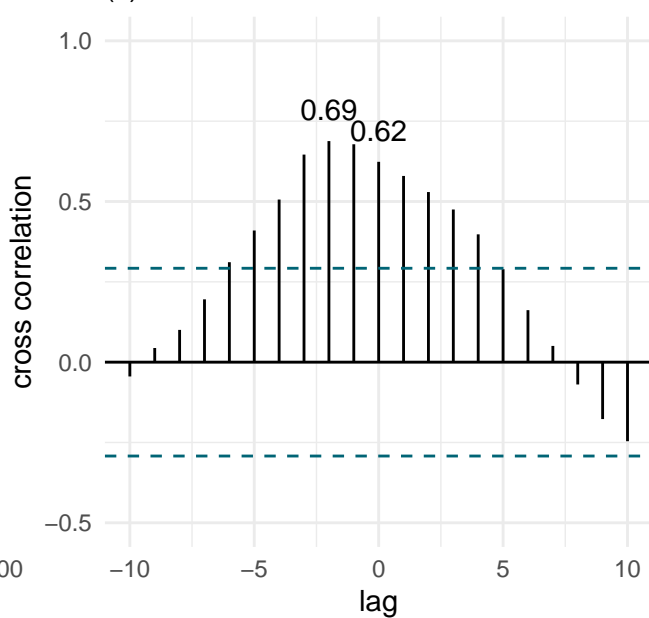
(a)



(b)



(c)

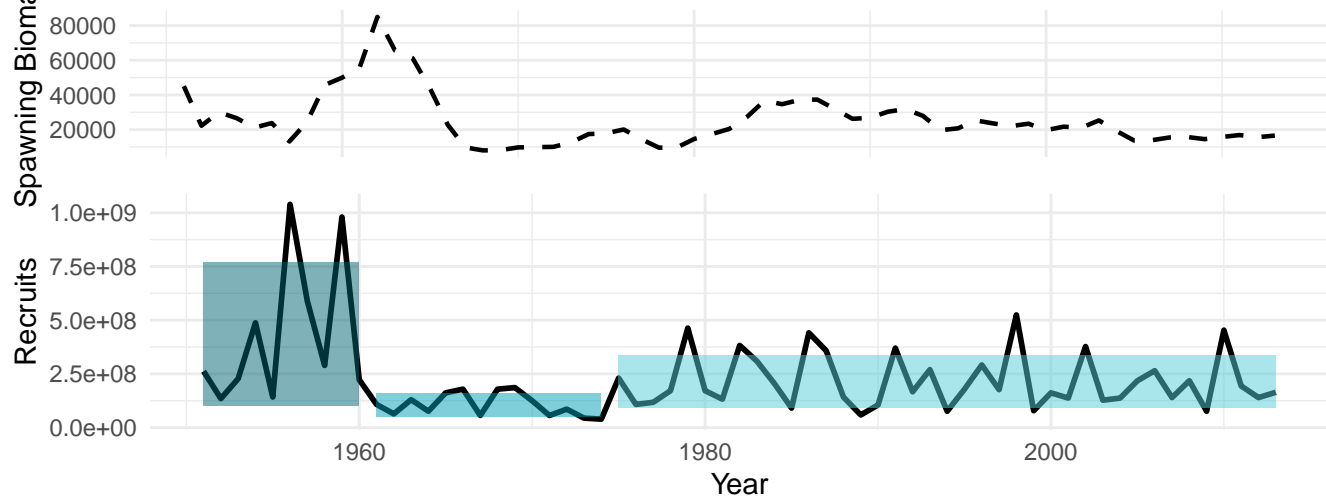


Pacific herring

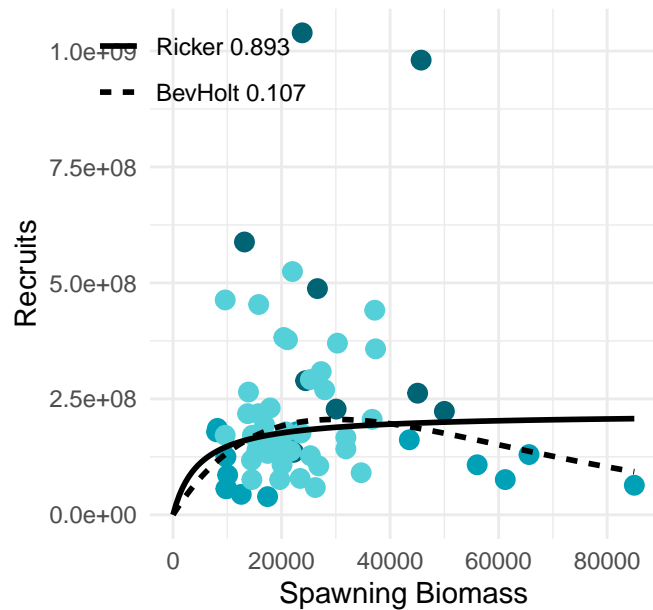
Clupea pallasii

Area ID: Canada-DFO-PRD

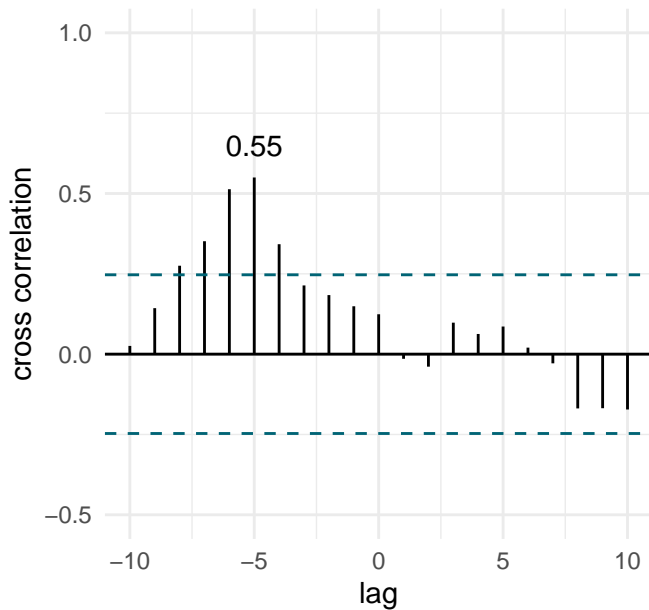
(a)



(b)



(c)

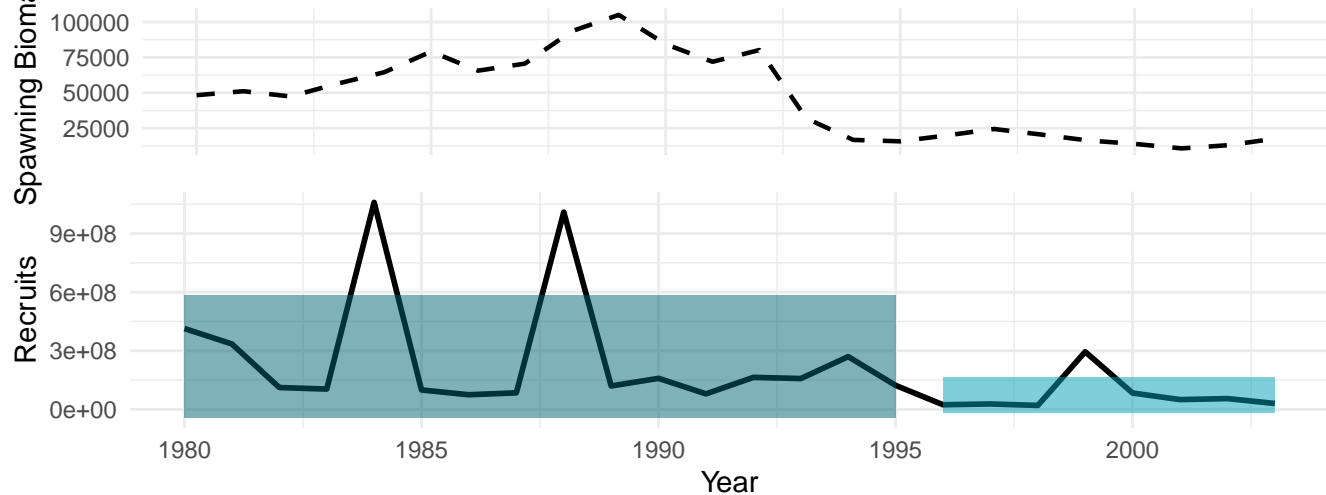


Pacific herring

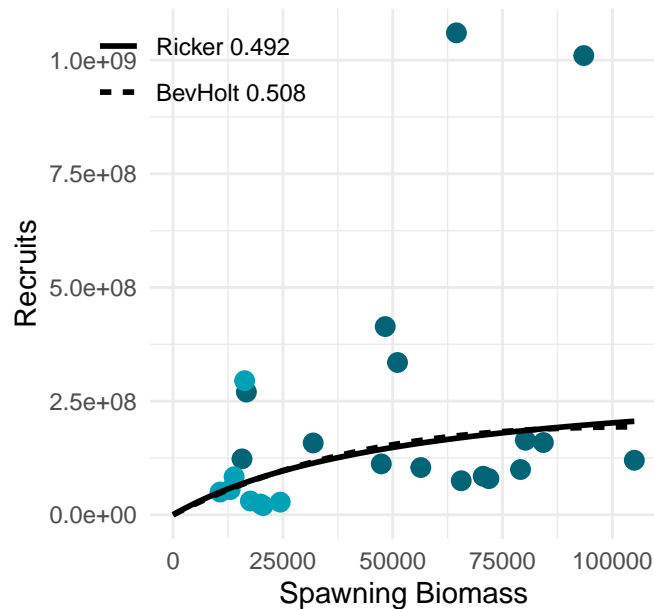
Clupea pallasii

Area ID: USA-AKSTATE-PWS

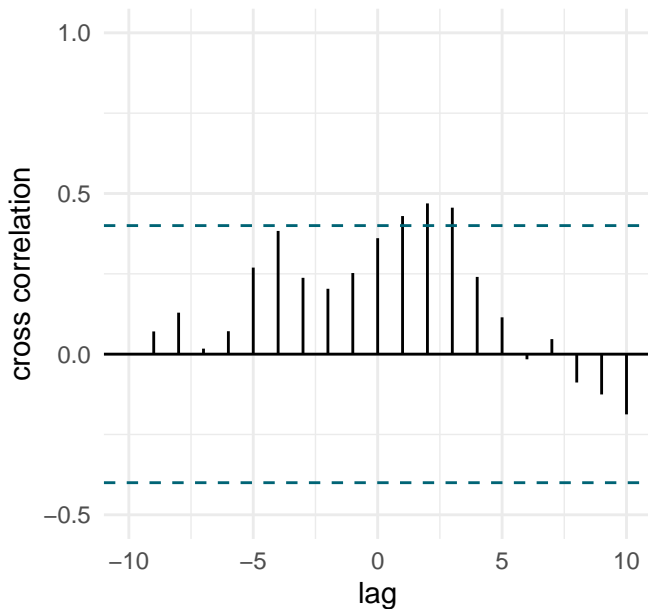
(a)



(b)



(c)

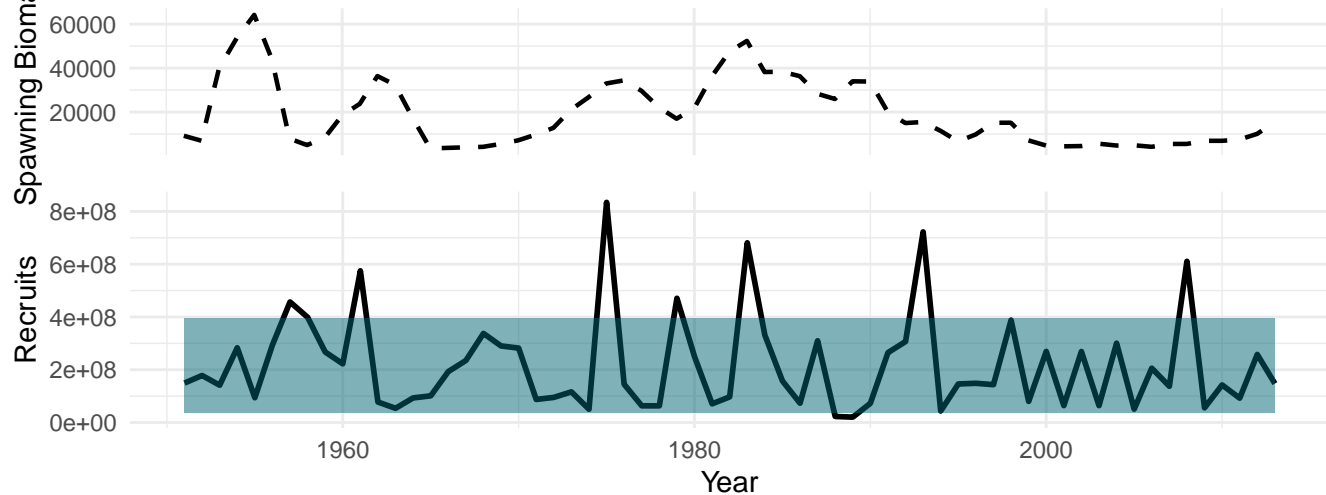


Pacific herring

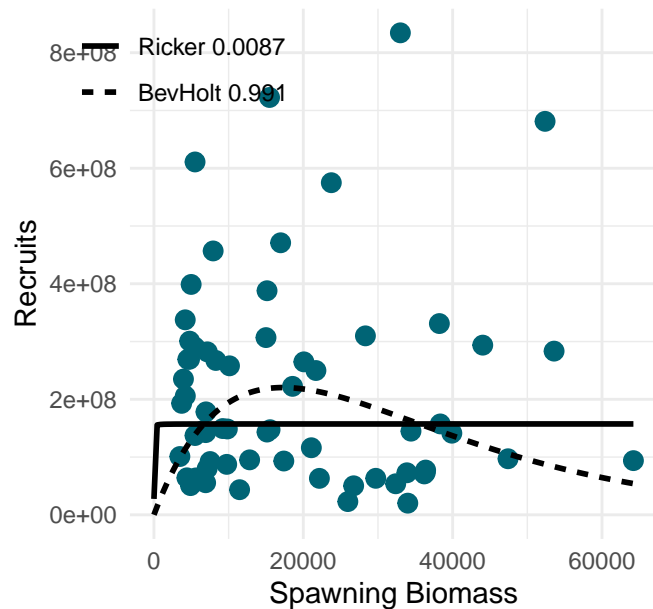
Clupea pallasii

Area ID: Canada-DFO-QCI

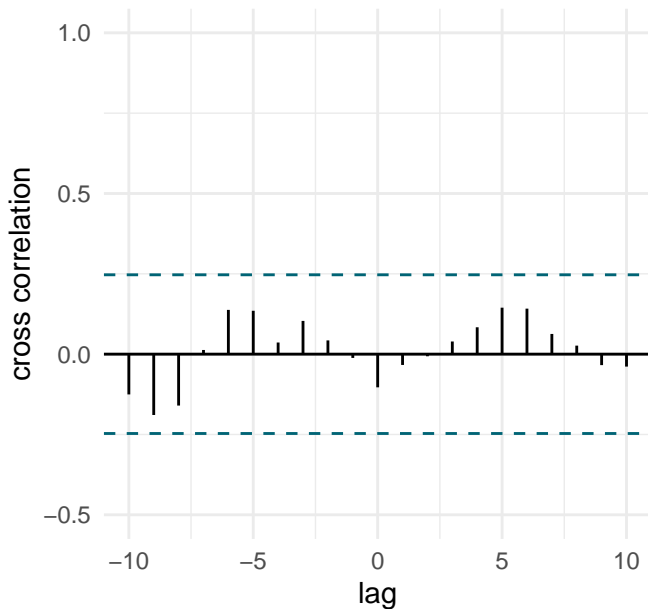
(a)



(b)



(c)

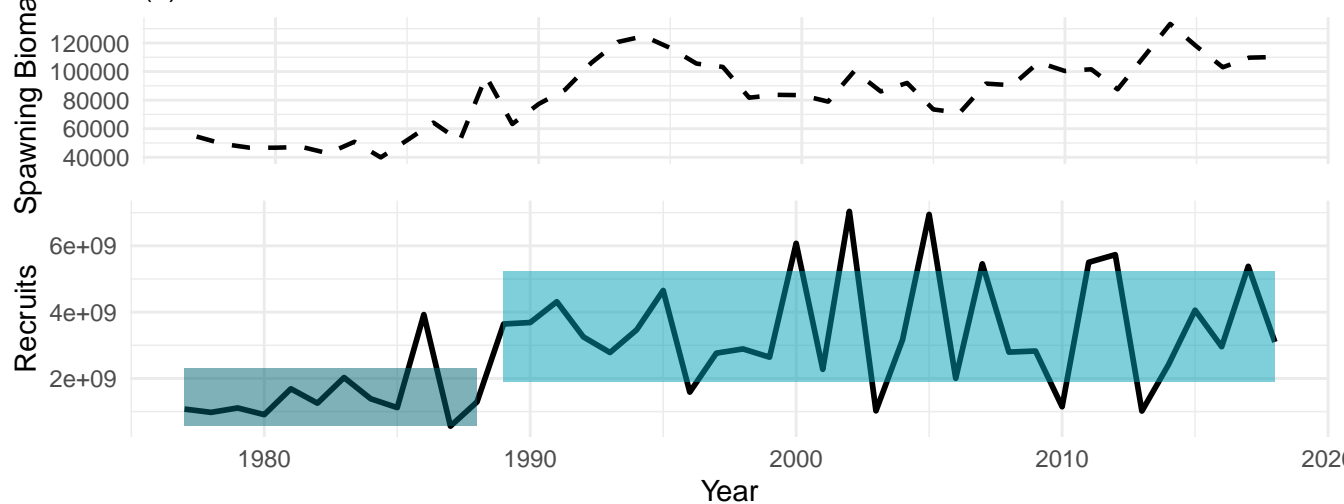


Herring

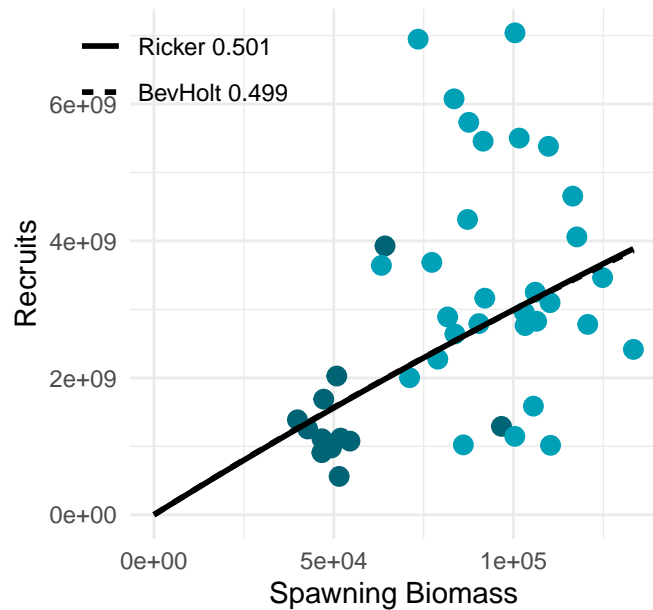
Clupea harengus

Area ID: multinational-ICES-RIGA

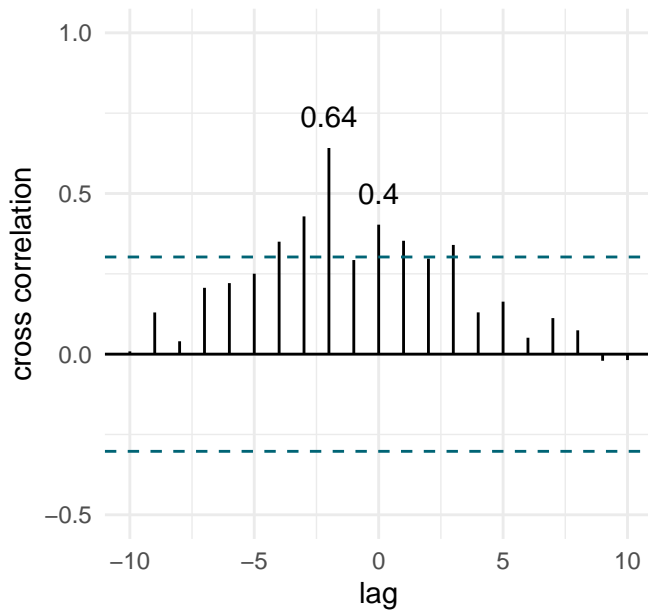
(a)



(b)



(c)

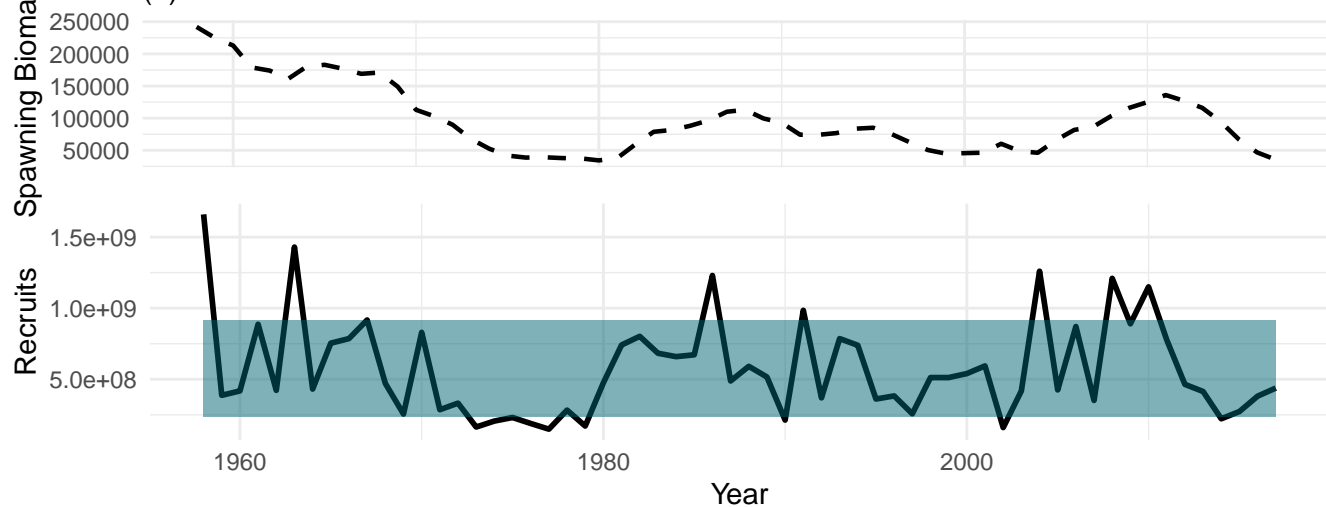


Herring

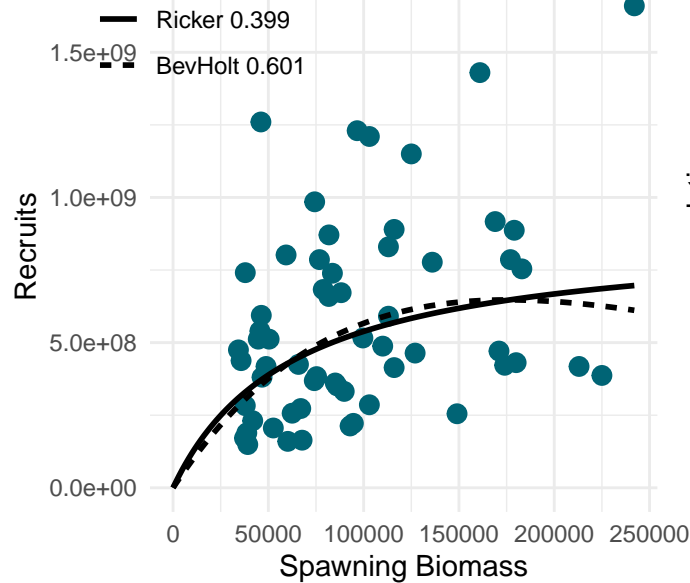
Clupea harengus

Area ID: multinational-ICES-VIIa-g-h-j-k

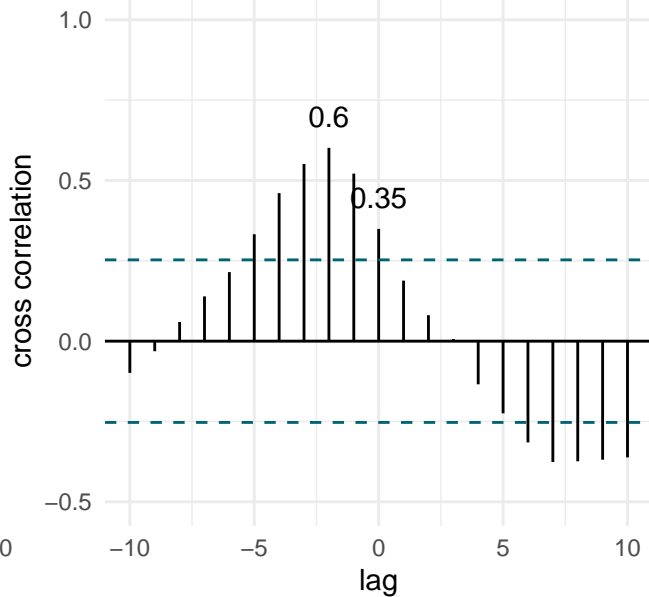
(a)



(b)



(c)

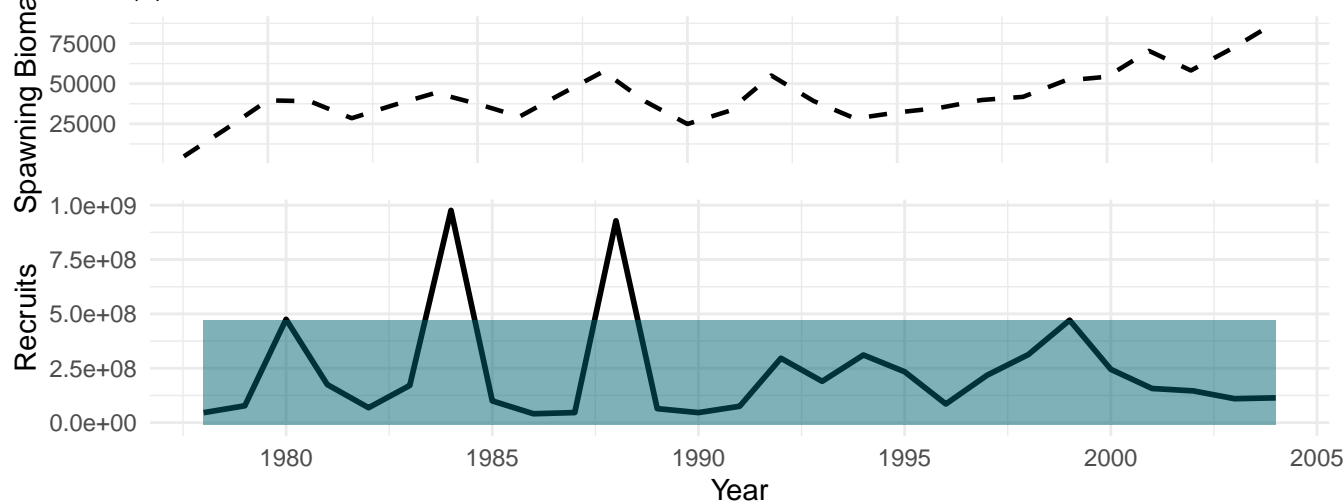


Pacific herring

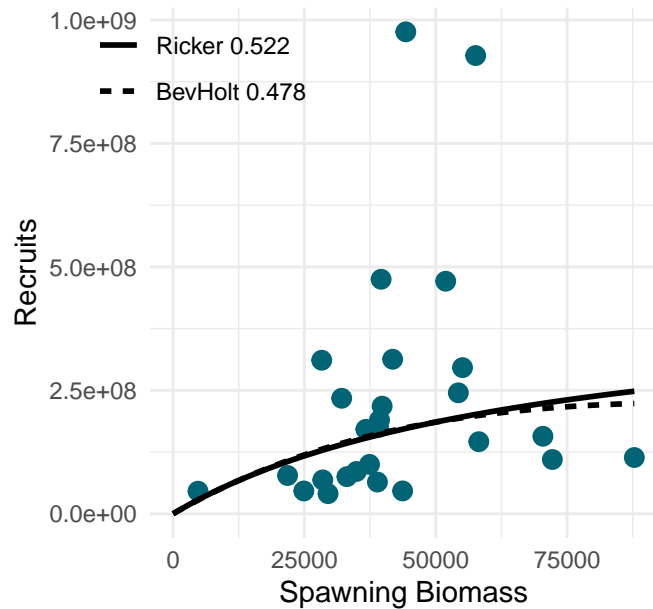
Clupea pallasii

Area ID: USA-AKSTATE-SITKA

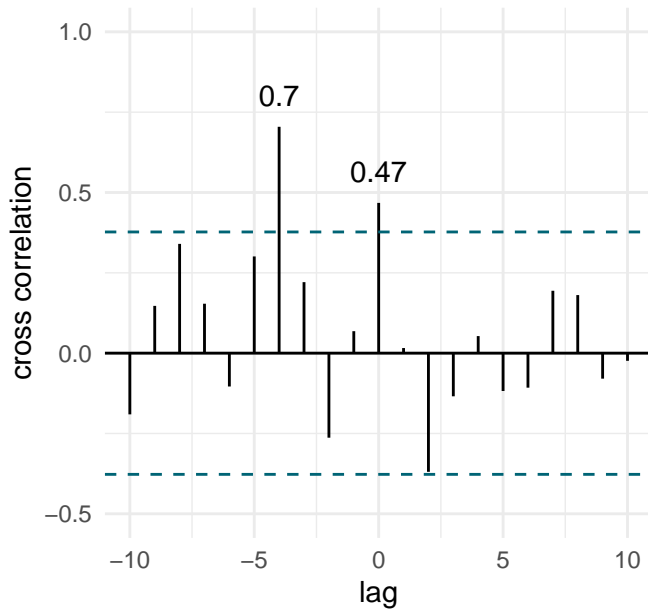
(a)



(b)



(c)

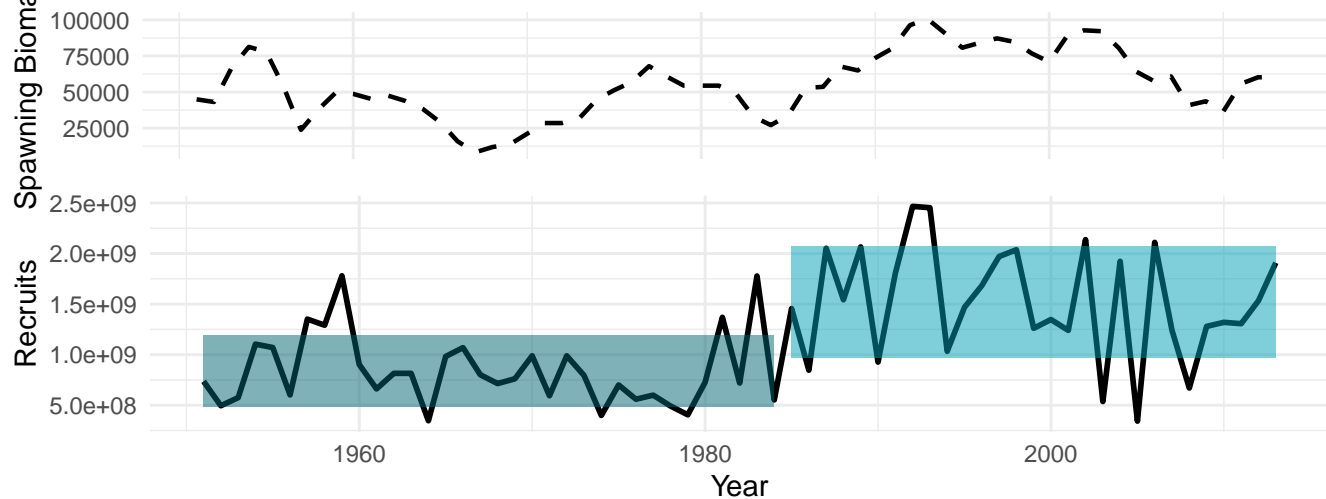


Pacific herring

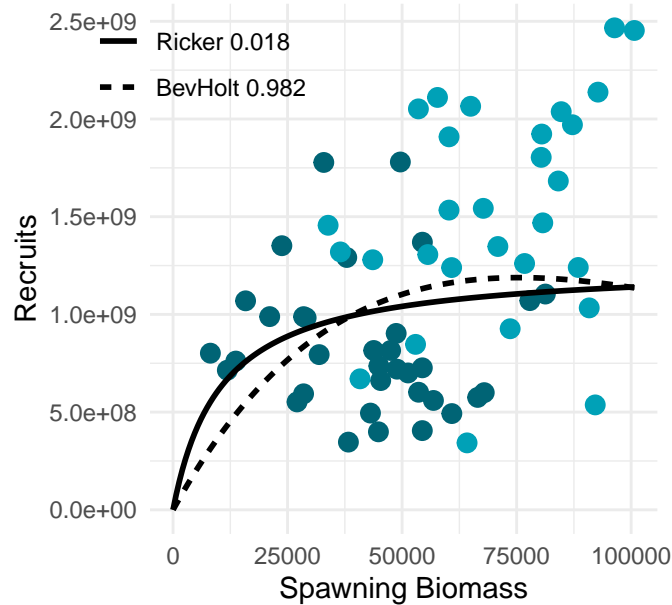
Clupea pallasii

Area ID: Canada-DFO-SOG

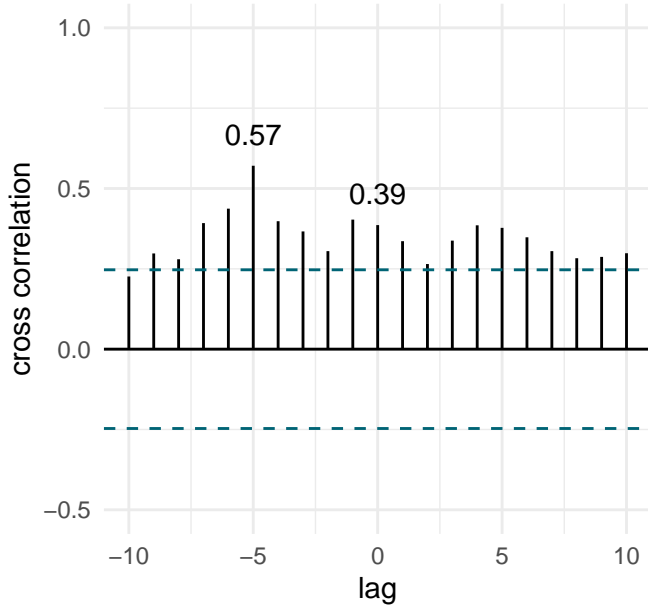
(a)



(b)



(c)

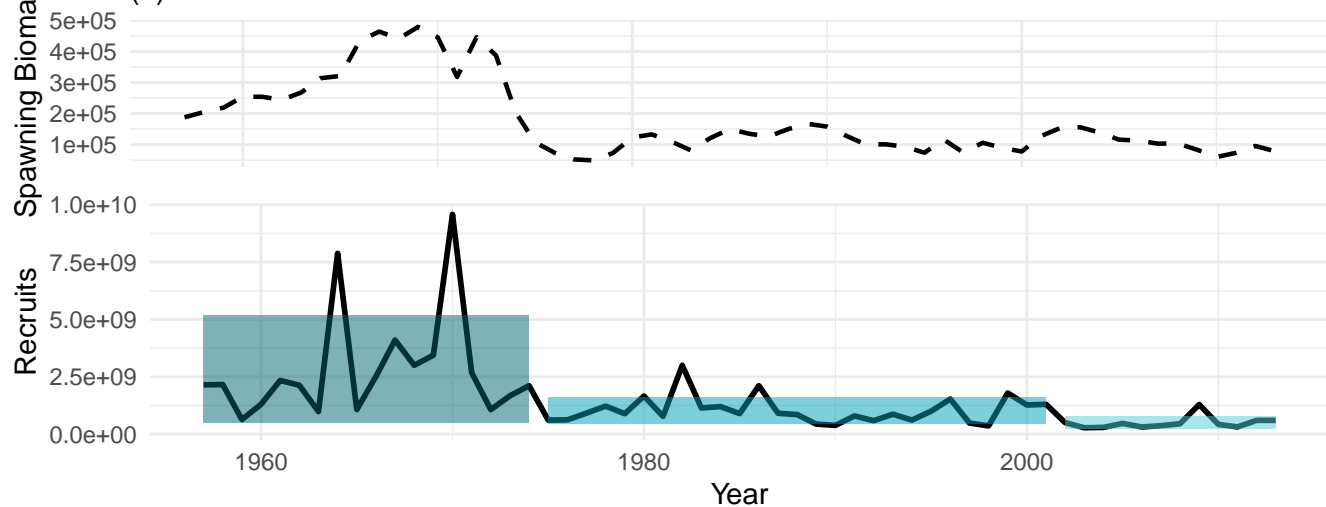


Herring

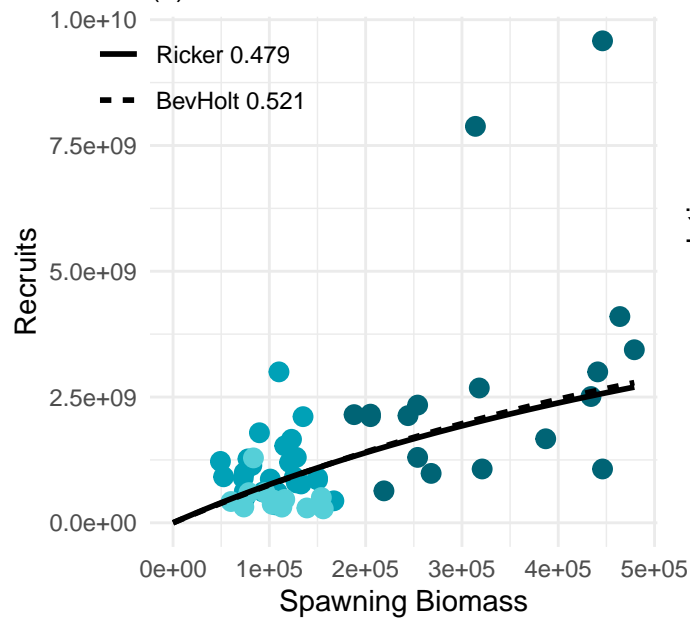
Clupea harengus

Area ID: multinational-ICES-VIa

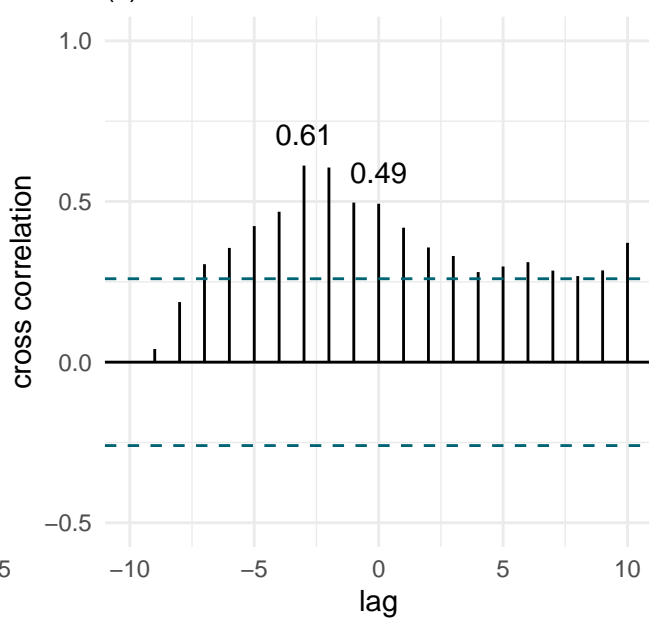
(a)



(b)



(c)

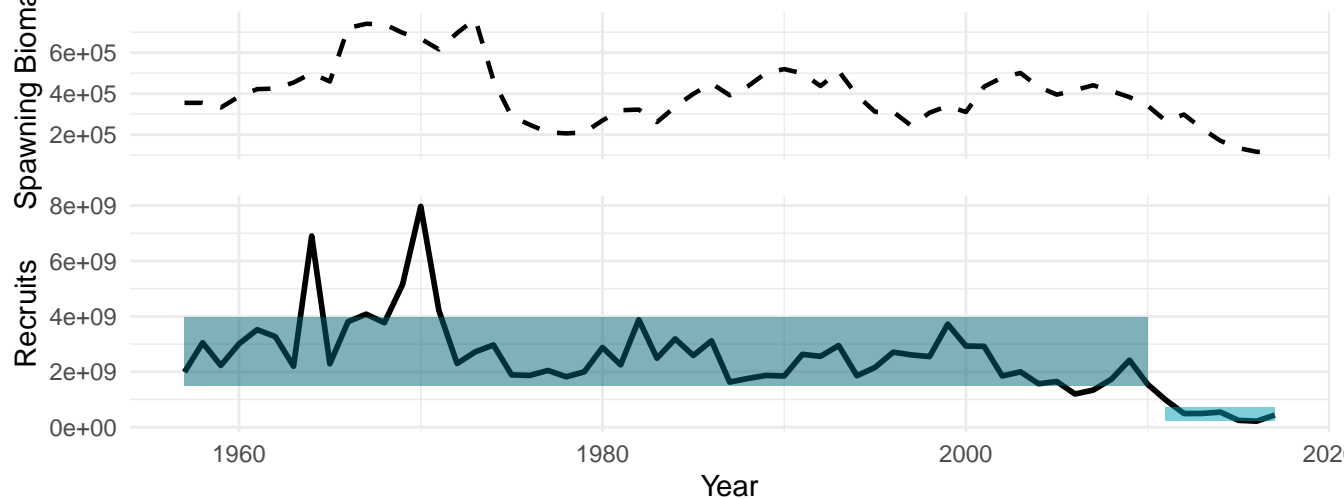


Herring

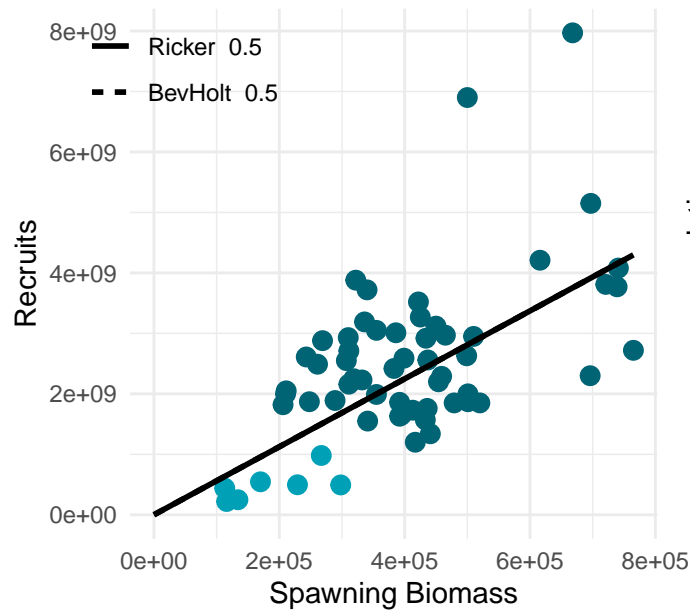
Clupea harengus

Area ID: multinational-ICES-VIa-VIIb-VIIc

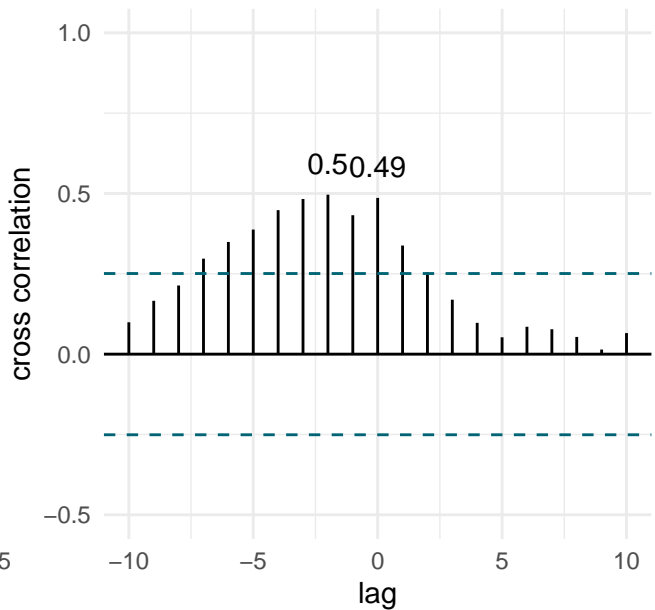
(a)



(b)



(c)

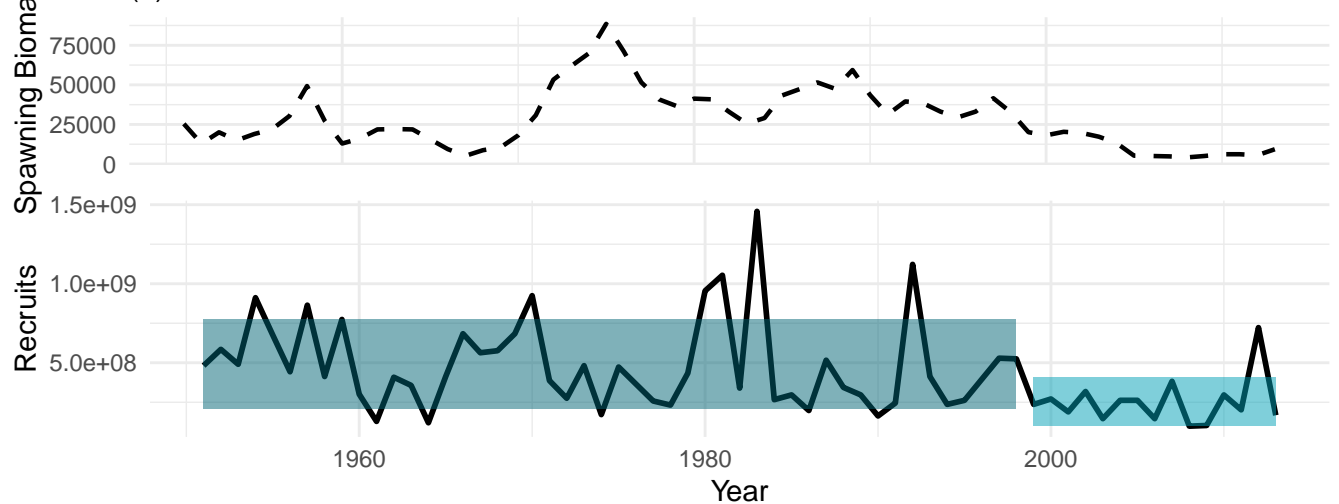


Pacific herring

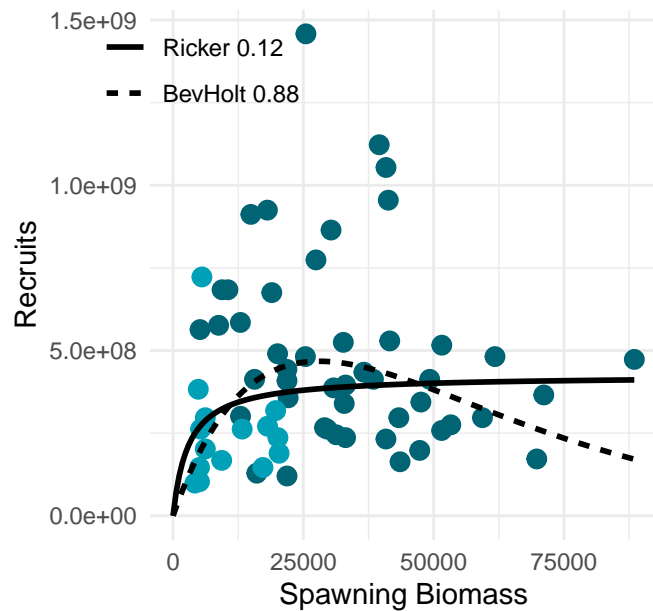
Clupea pallasii

Area ID: Canada-DFO-WCVANI

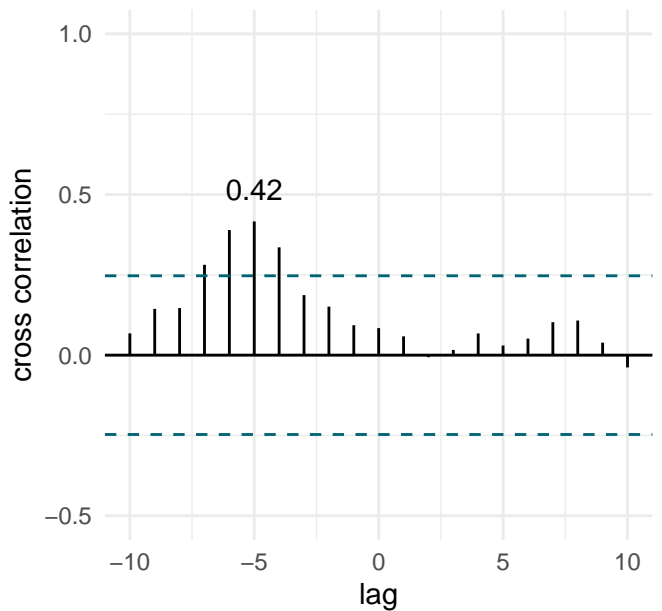
(a)



(b)



(c)

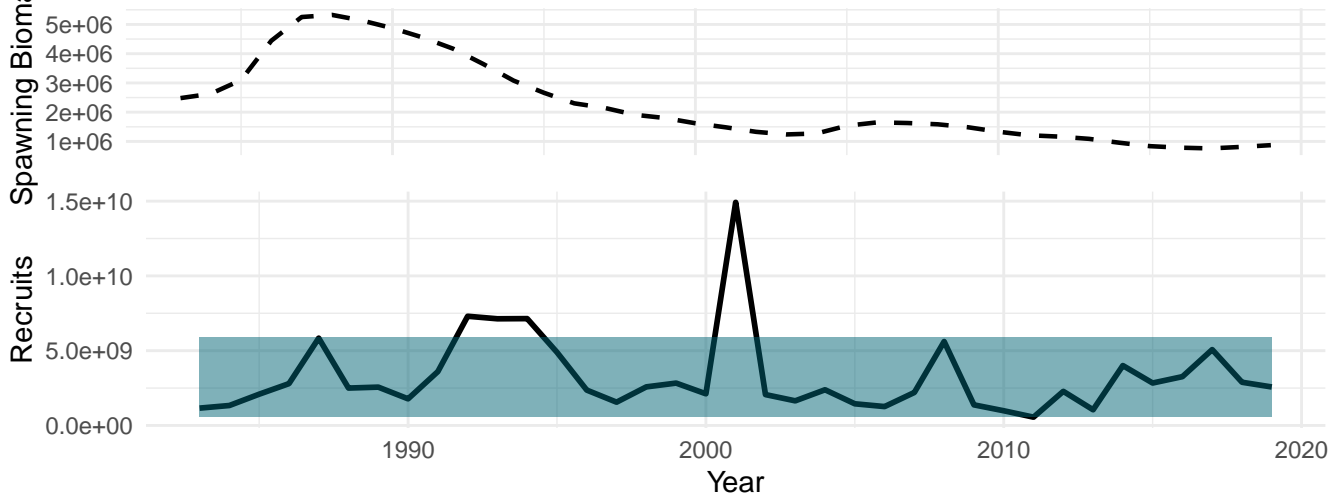


Horse mackerel

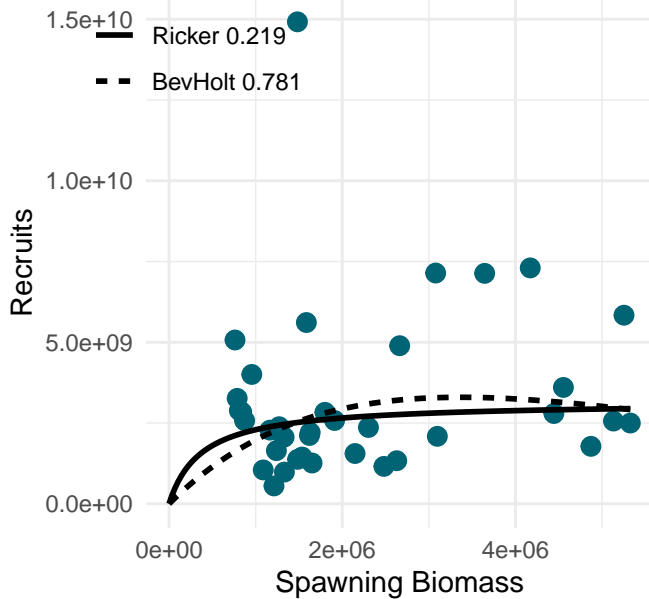
Trachurus trachurus

Area ID: multinational-ICES-IIa-IVa-Vb-VIa-VII-VIII

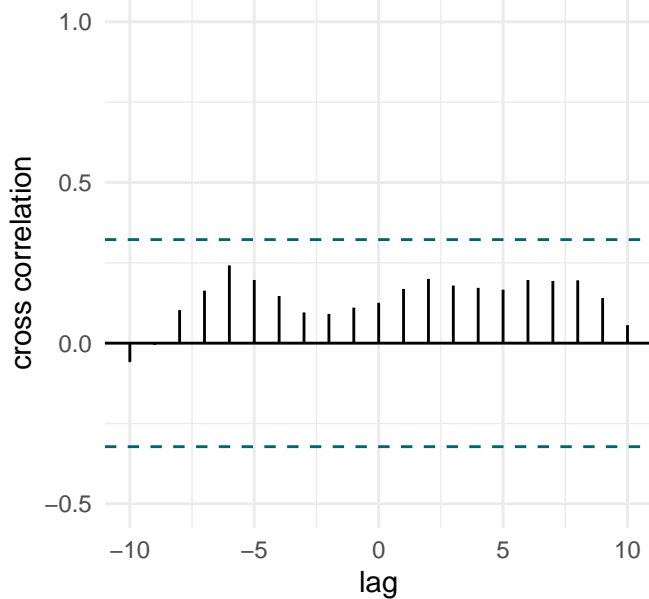
(a)



(b)



(c)

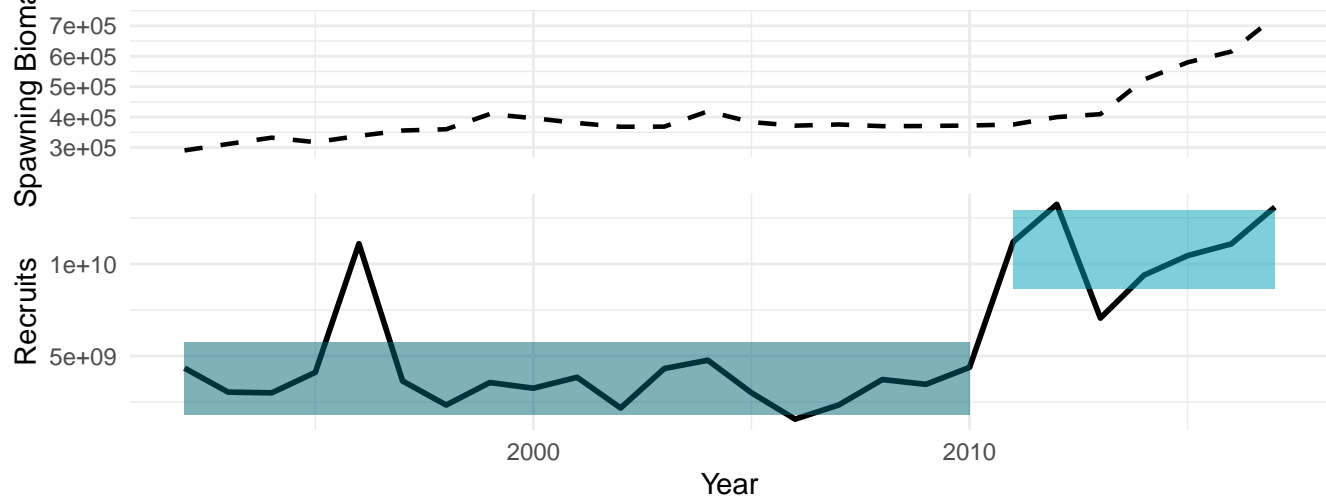


Horse mackerel

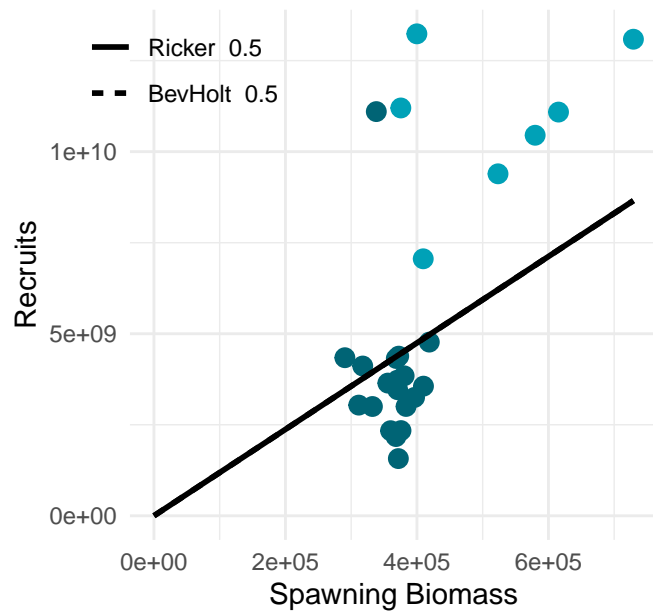
Trachurus trachurus

Area ID: multinational-ICES-IXa

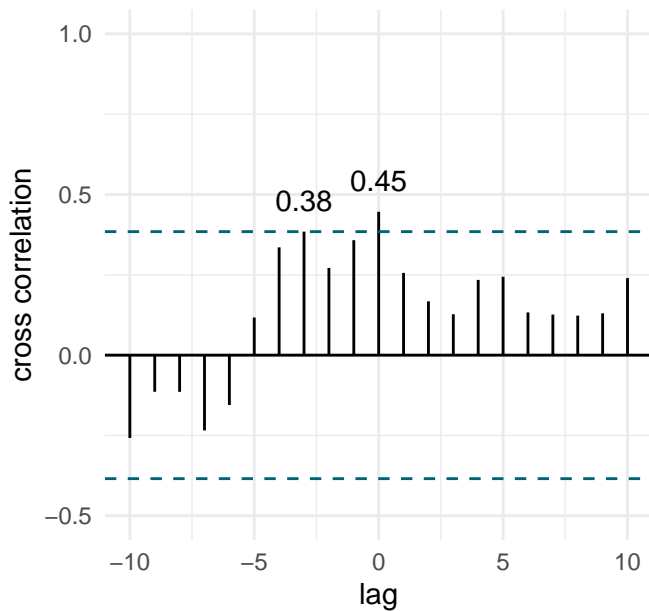
(a)



(b)



(c)

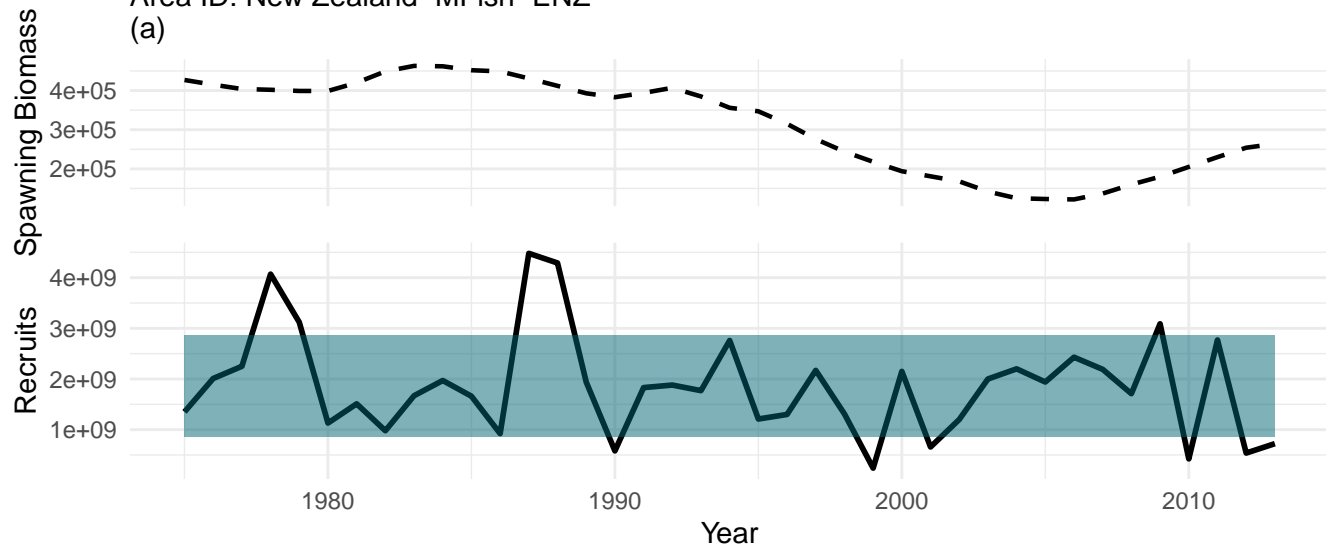


Hoki

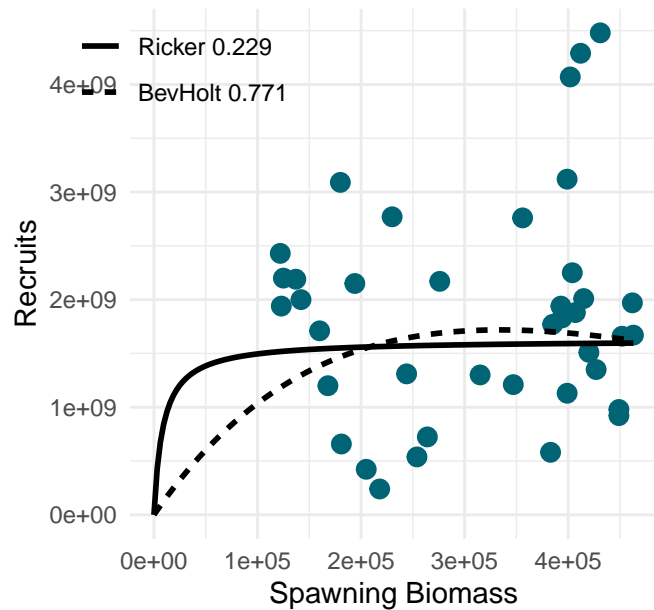
Macruronus novaezelandiae

Area ID: New Zealand-MFish-ENZ

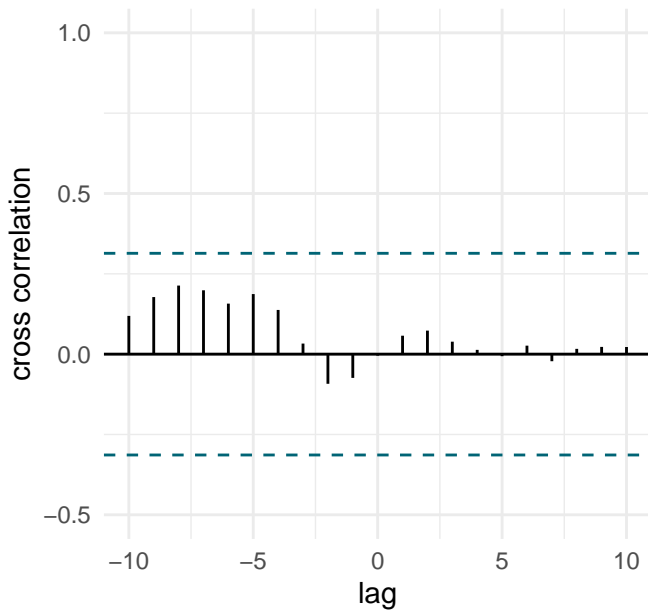
(a)



(b)



(c)

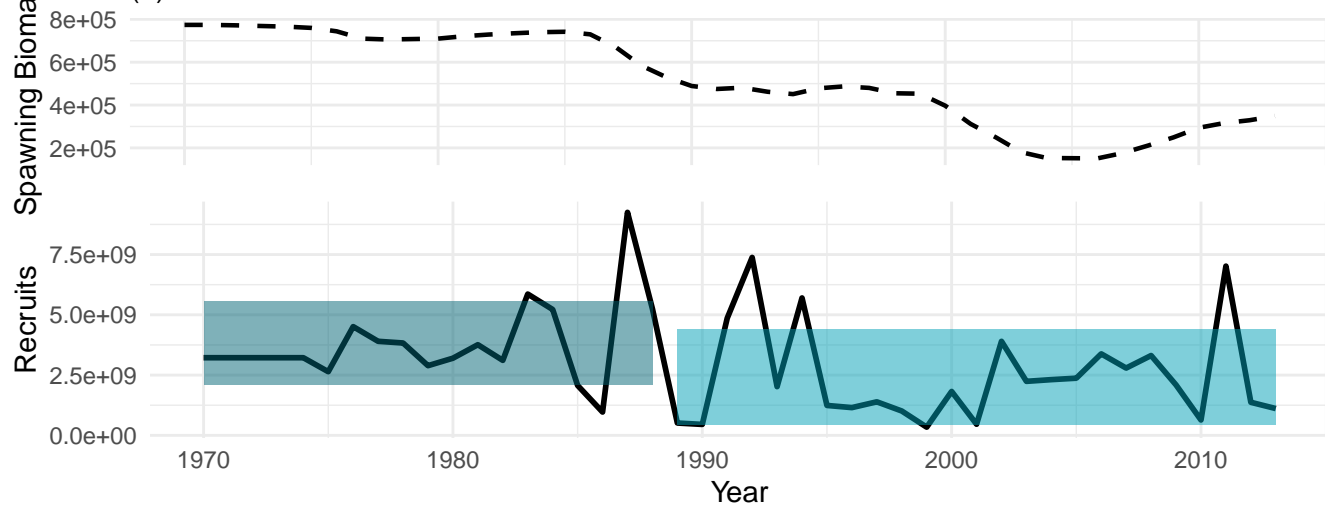


Hoki

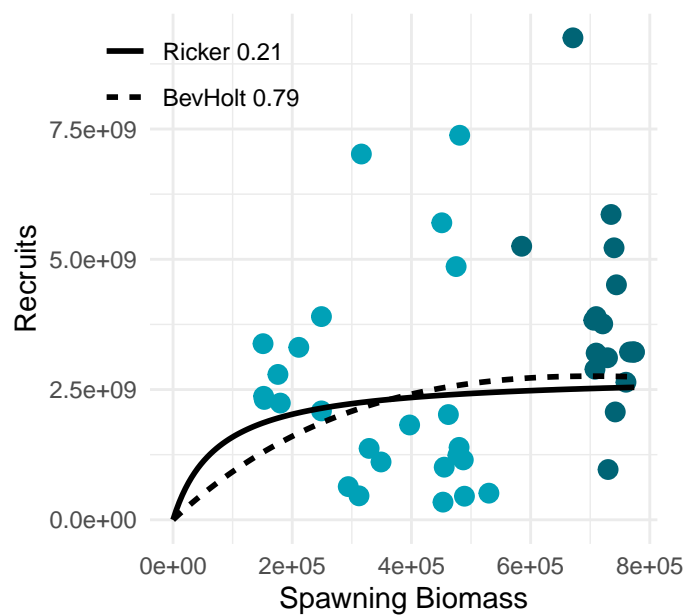
Macruronus novaezelandiae

Area ID: New Zealand–MFish–WNZ

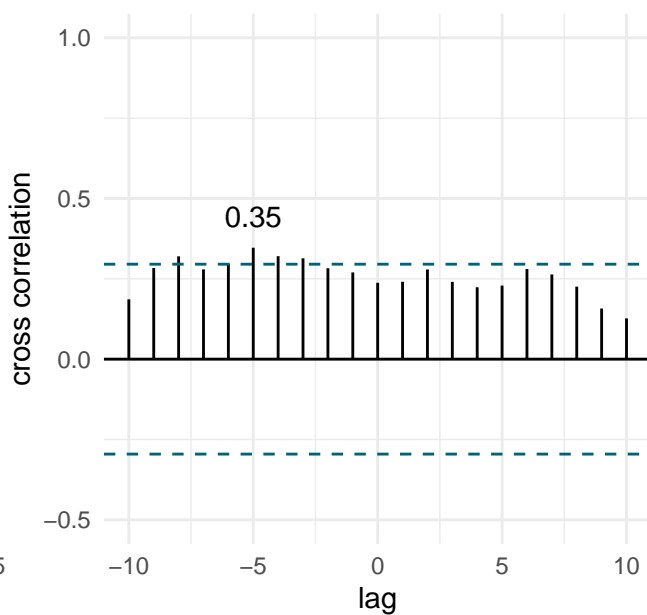
(a)



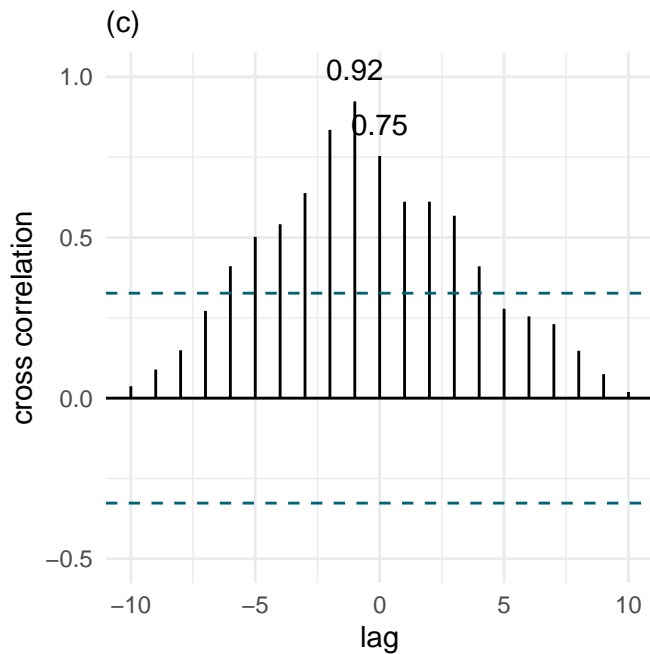
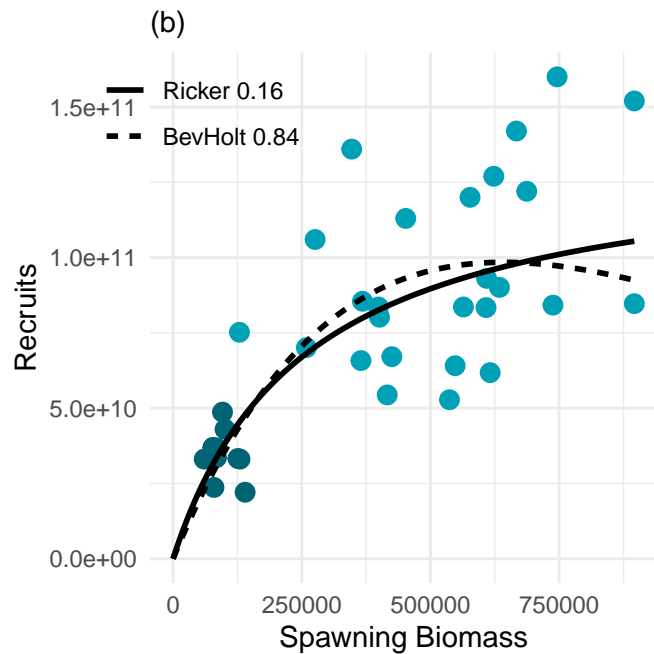
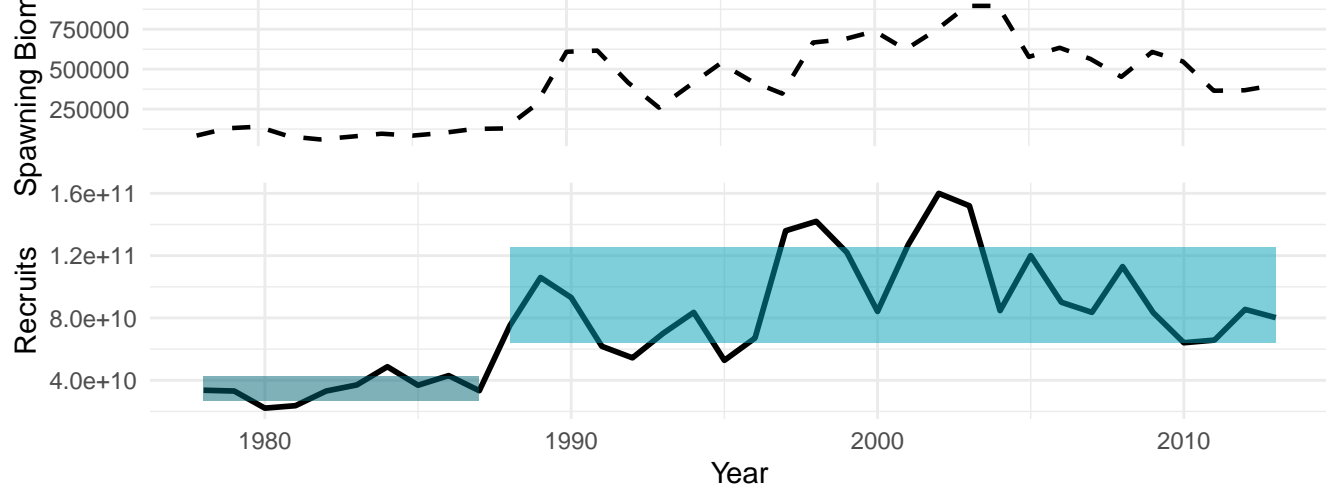
(b)



(c)

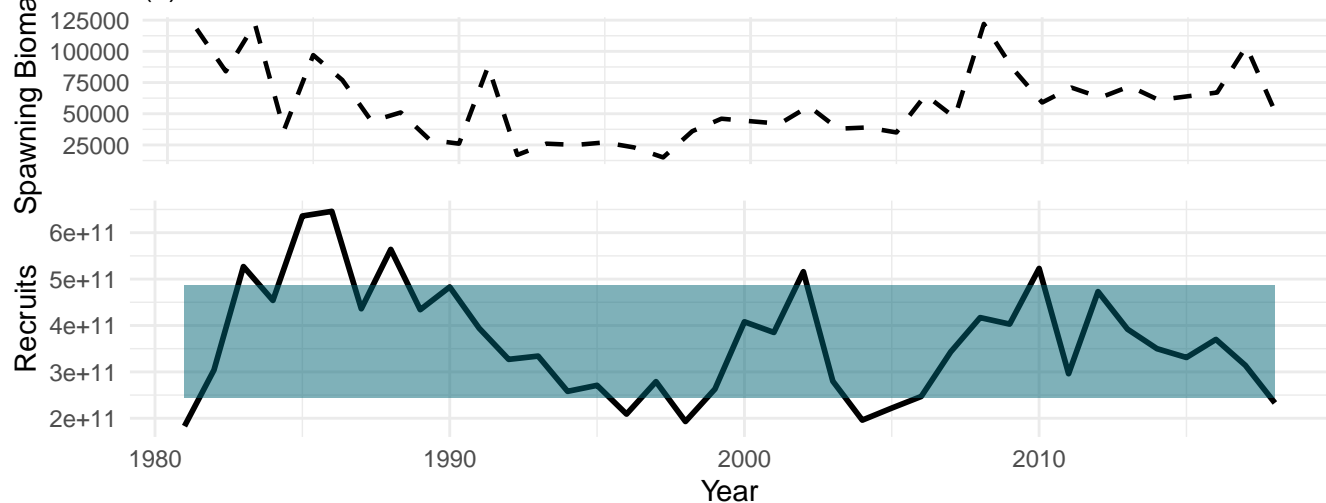


Japanese anchovy
Engraulis japonicus
Area ID: Japan-FAJ-PJPN
(a)

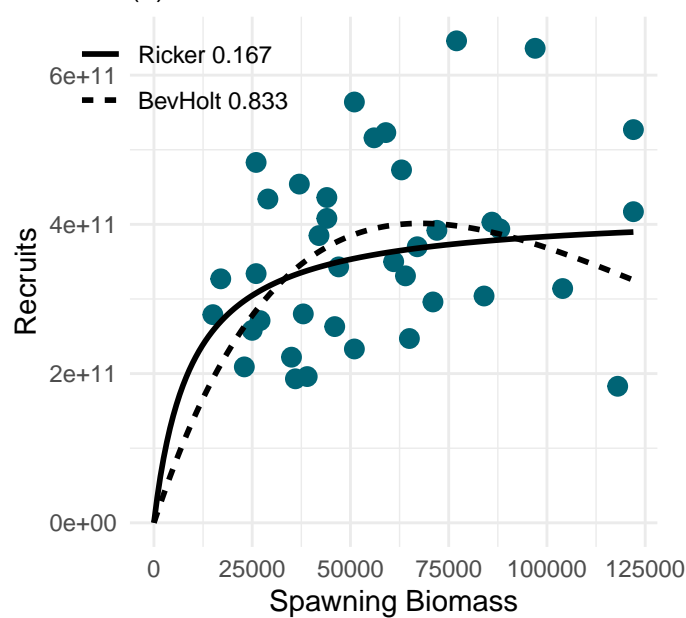


Japanese anchovy
Engraulis japonicus
Area ID: Japan-FAJ-SETO

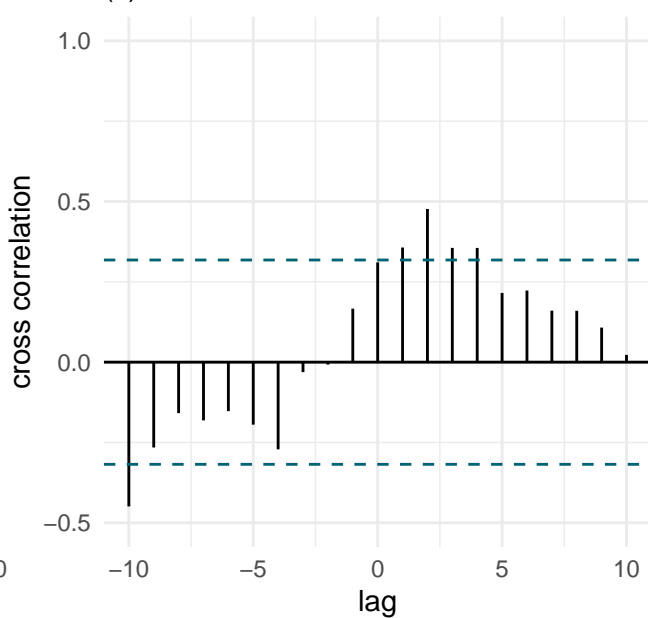
(a)



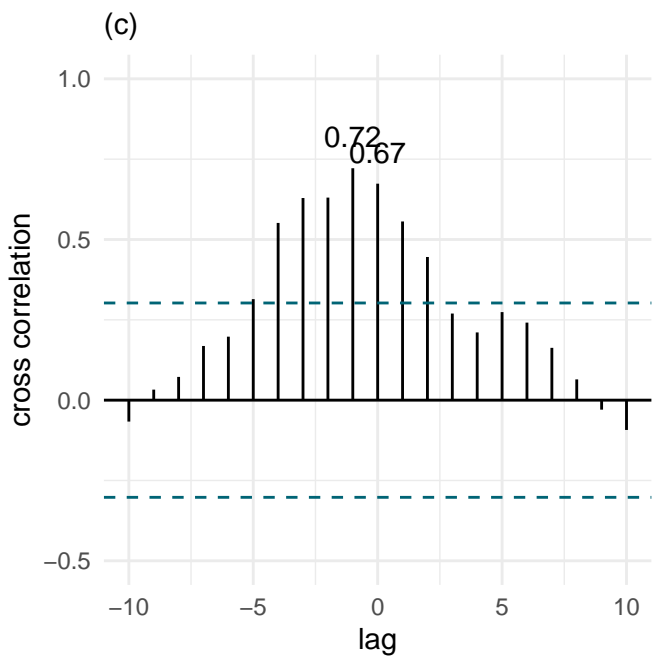
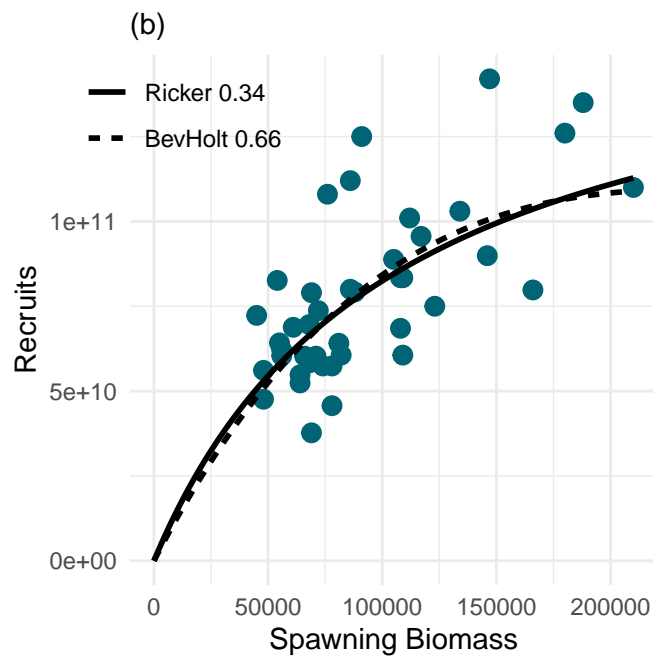
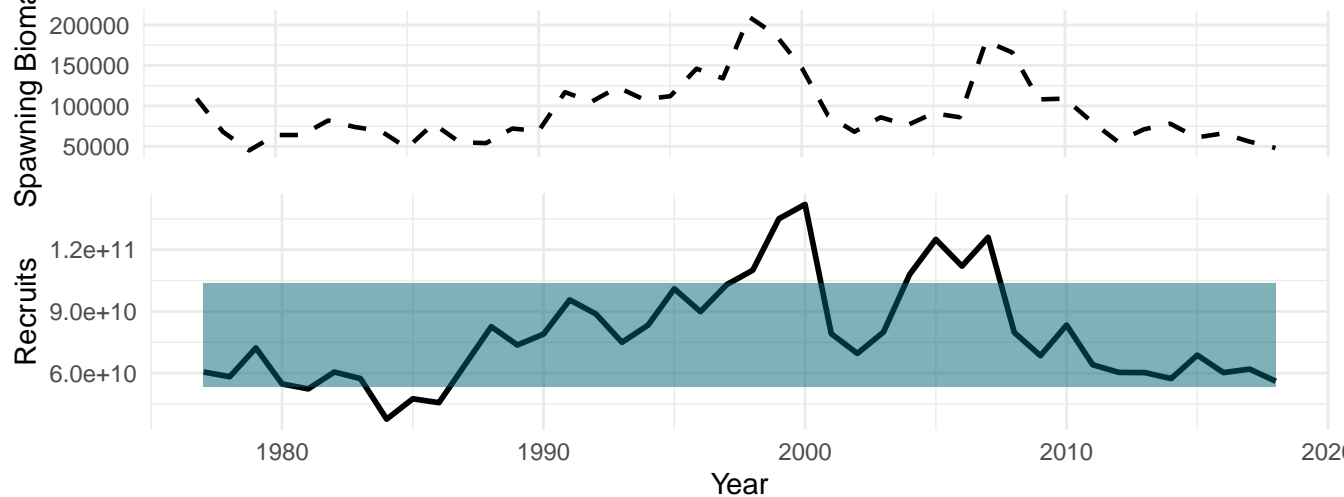
(b)



(c)



Japanese anchovy
Engraulis japonicus
Area ID: Japan-FAJ-TSST
(a)

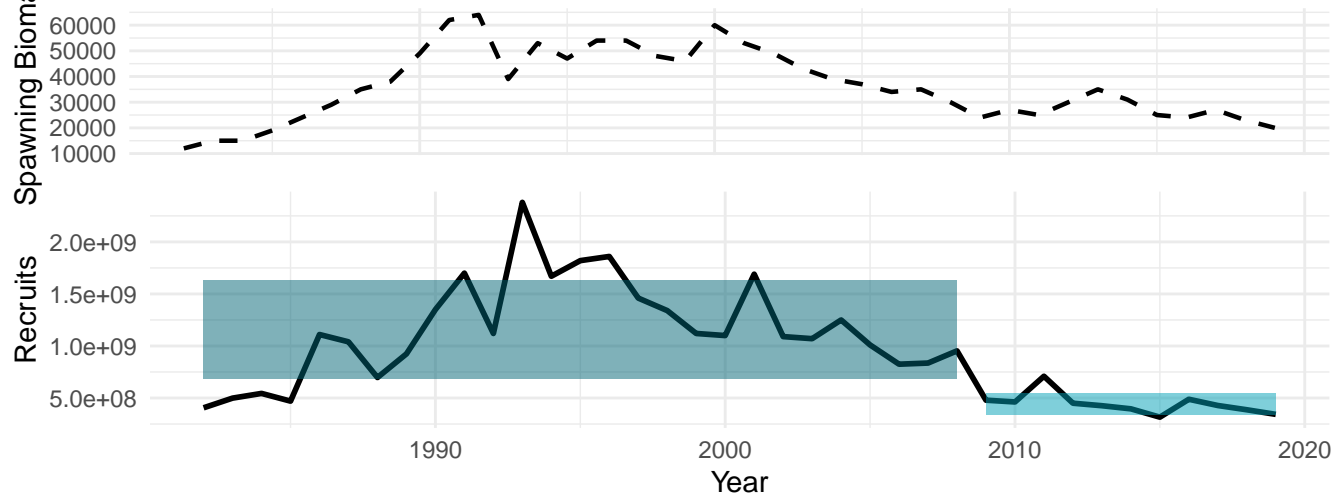


Japanese jack mackerel

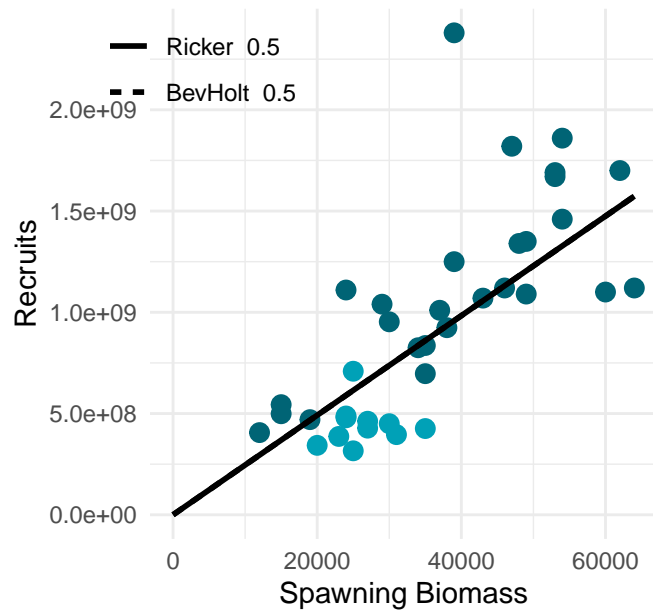
Trachurus japonicus

Area ID: Japan-FAJ-PJPN

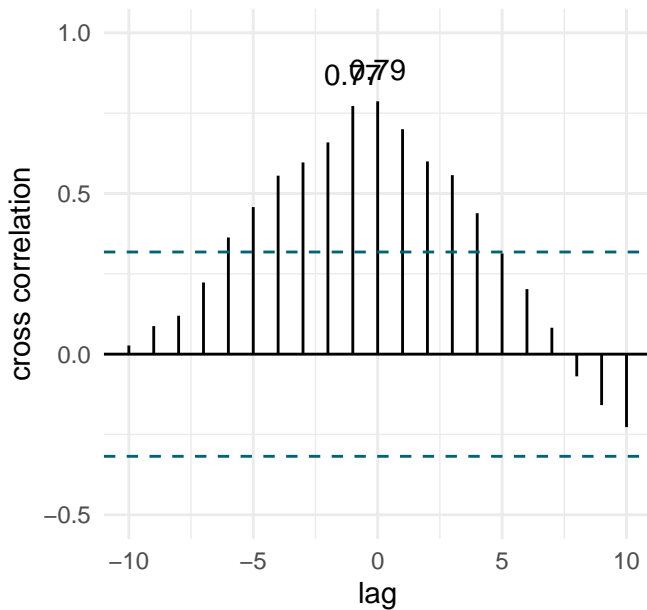
(a)



(b)



(c)

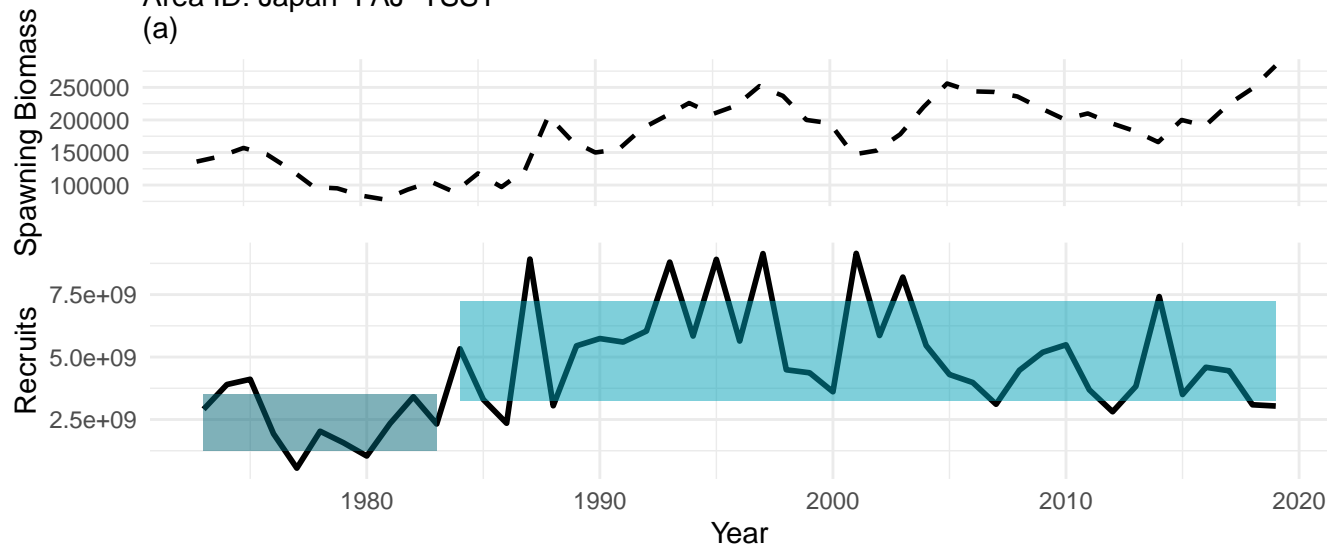


Japanese jack mackerel

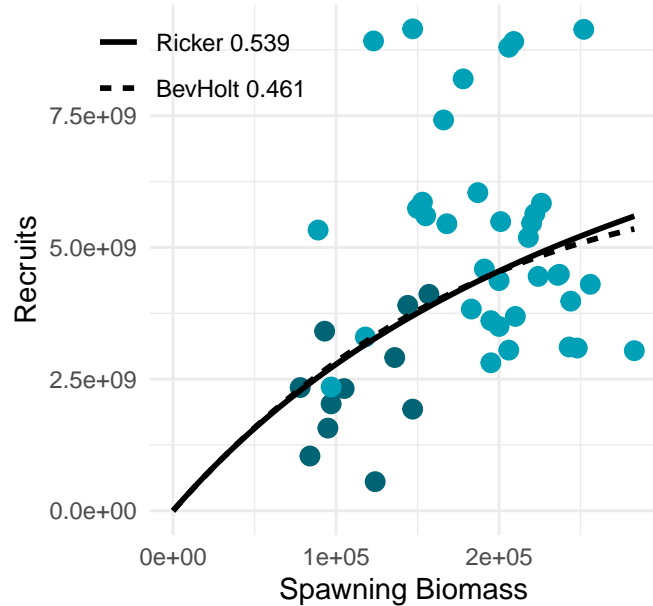
Trachurus japonicus

Area ID: Japan-FAJ-TSST

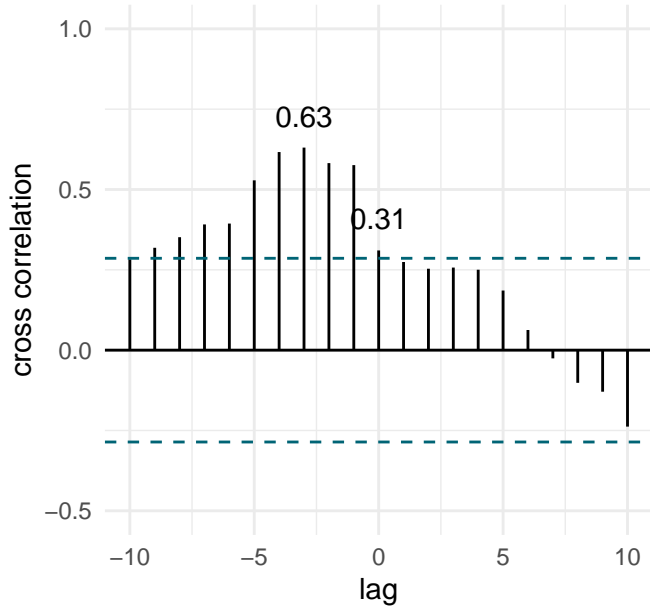
(a)



(b)



(c)

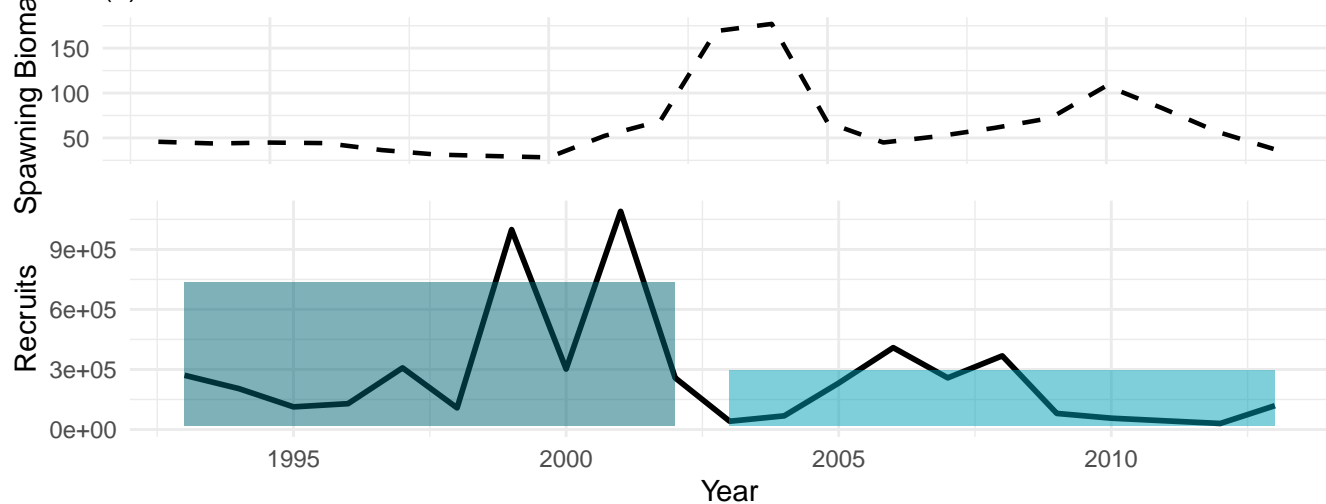


Japanese pufferfish

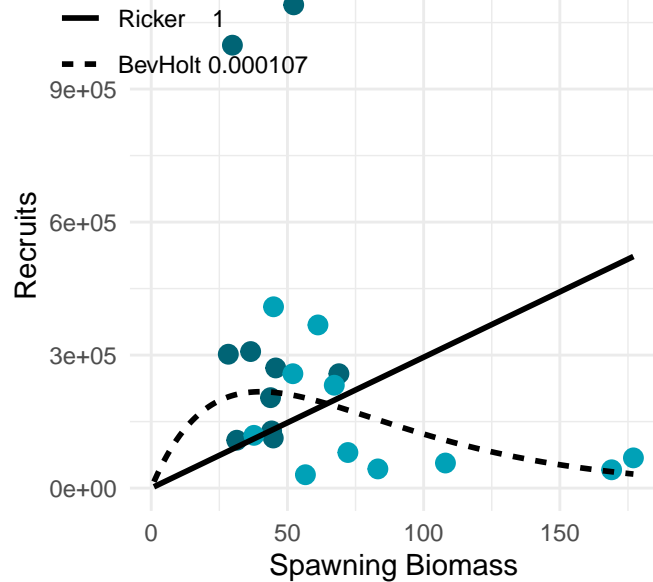
Takifugu rubripes

Area ID: Japan-FAJ-IMKB

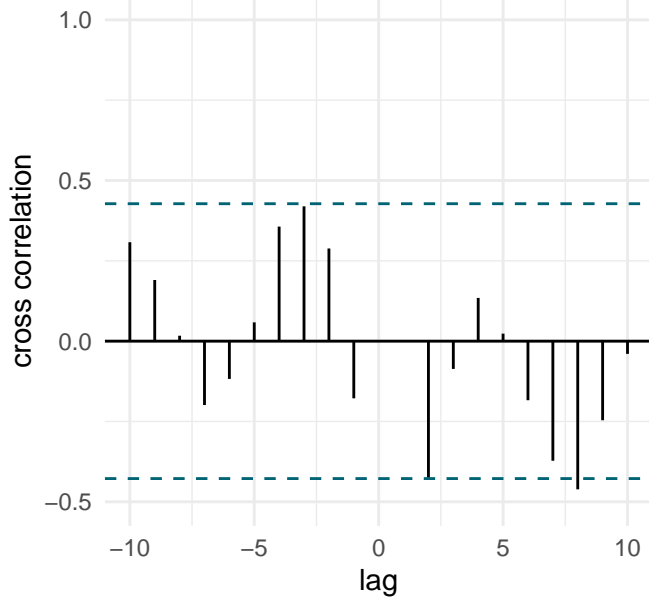
(a)



(b)



(c)

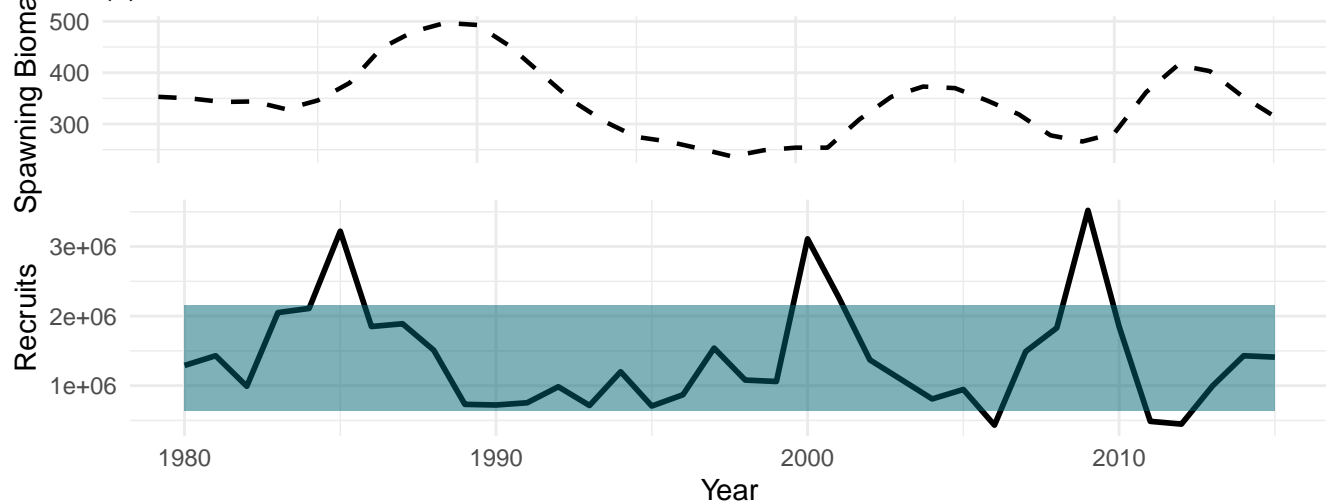


Kelp greenling

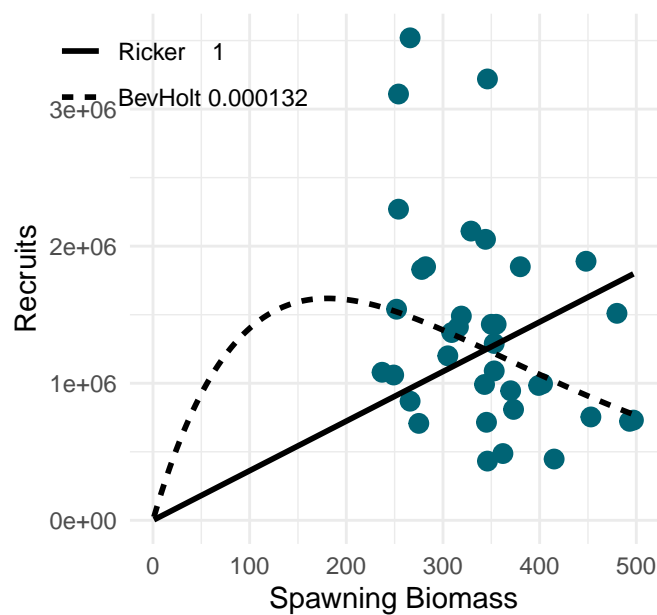
Hexagrammos decagrammus

Area ID: USA-NMFS-ORECOAST

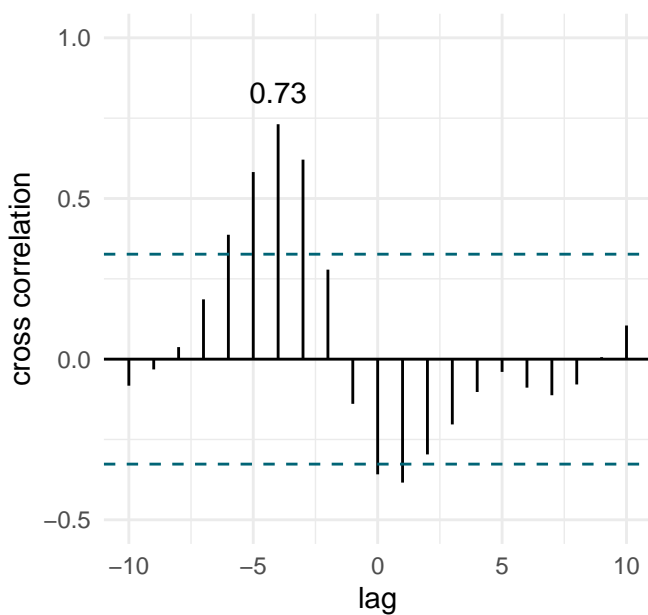
(a)



(b)



(c)

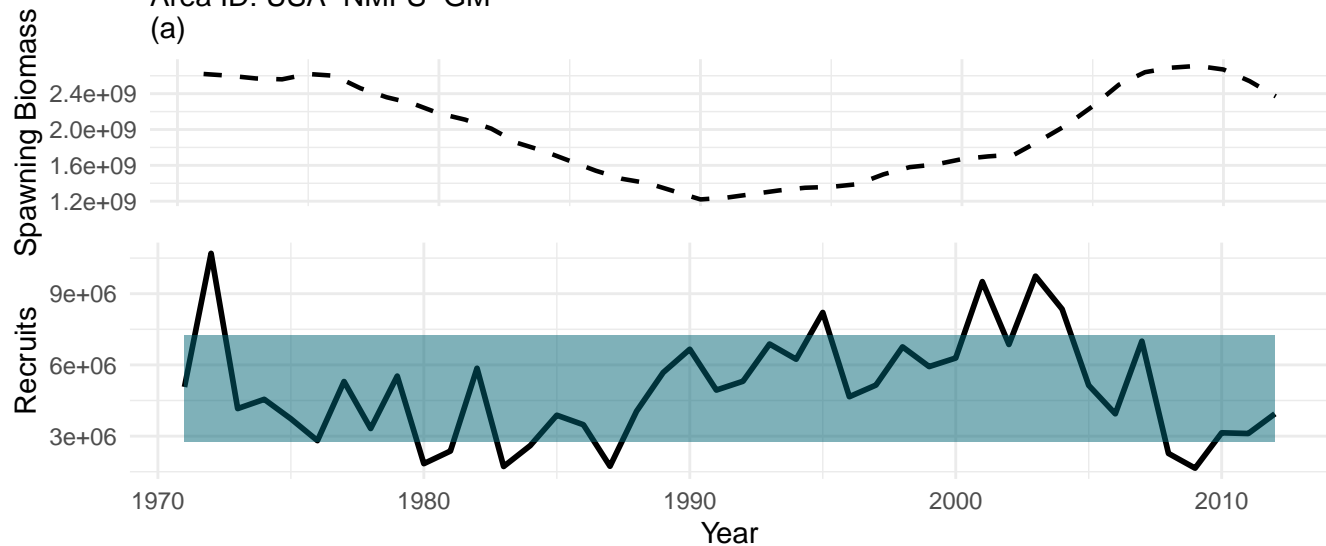


King mackerel

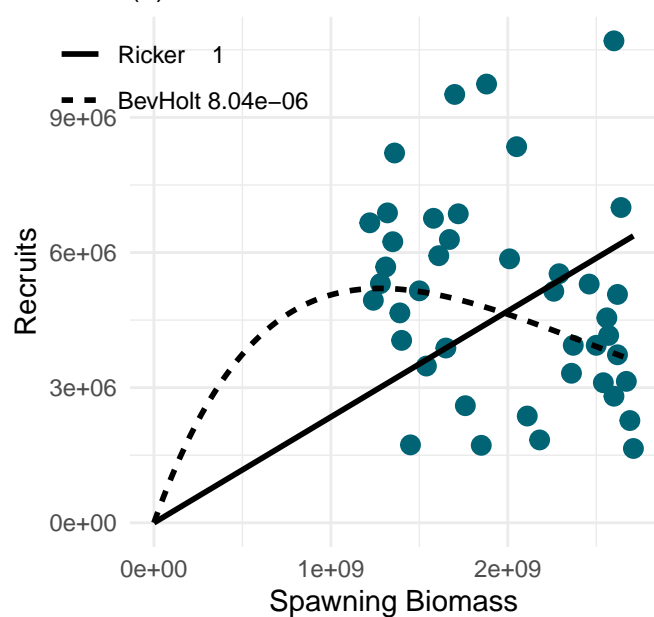
Scomberomorus cavalla

Area ID: USA-NMFS-GM

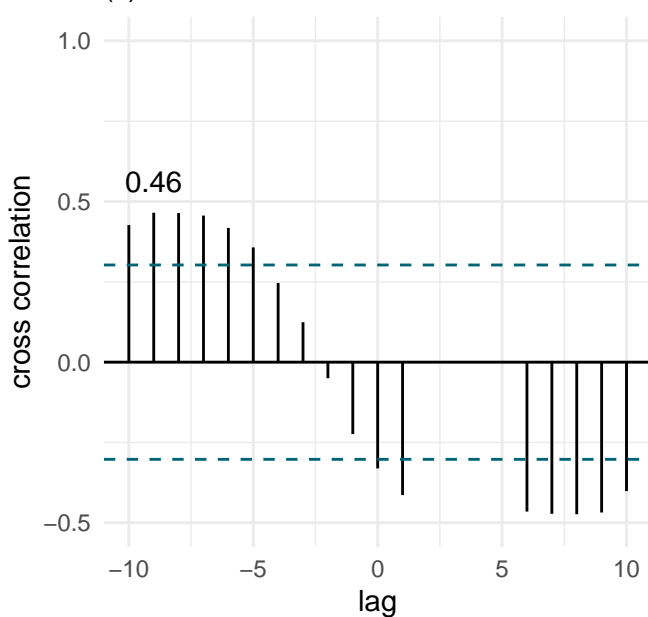
(a)



(b)



(c)

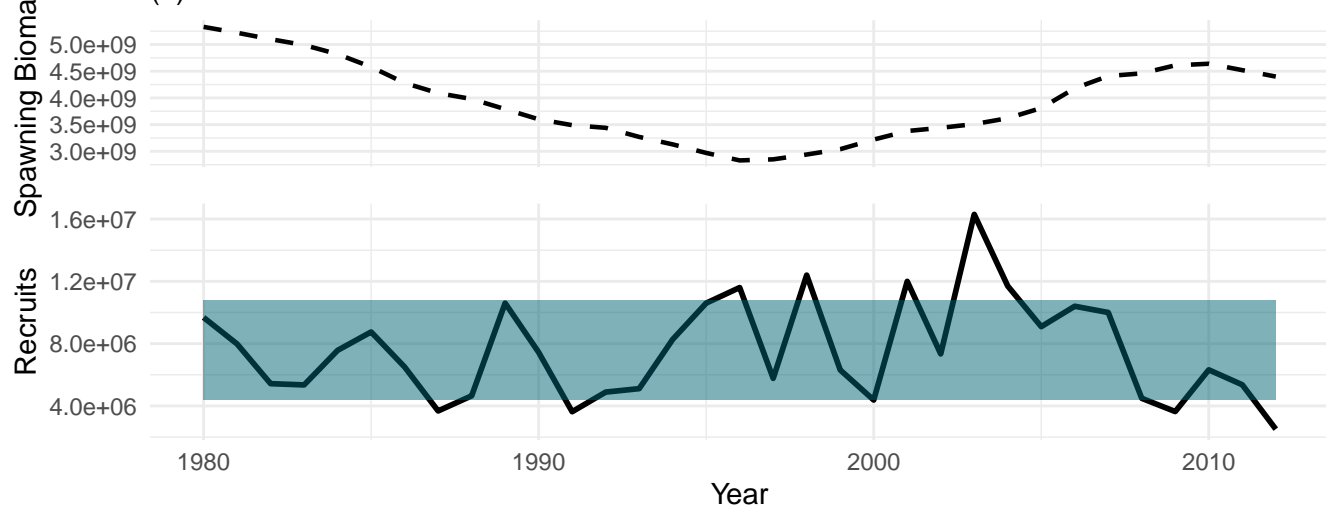


King mackerel

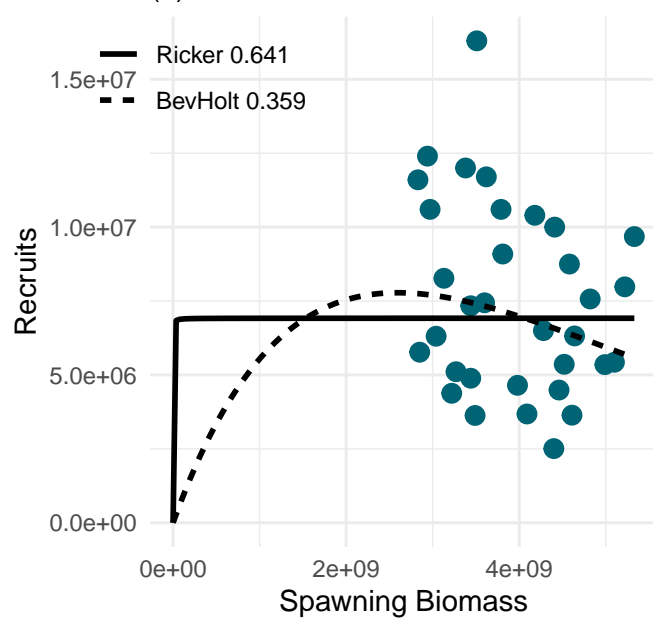
Scomberomorus cavalla

Area ID: USA-NMFS-SATLC

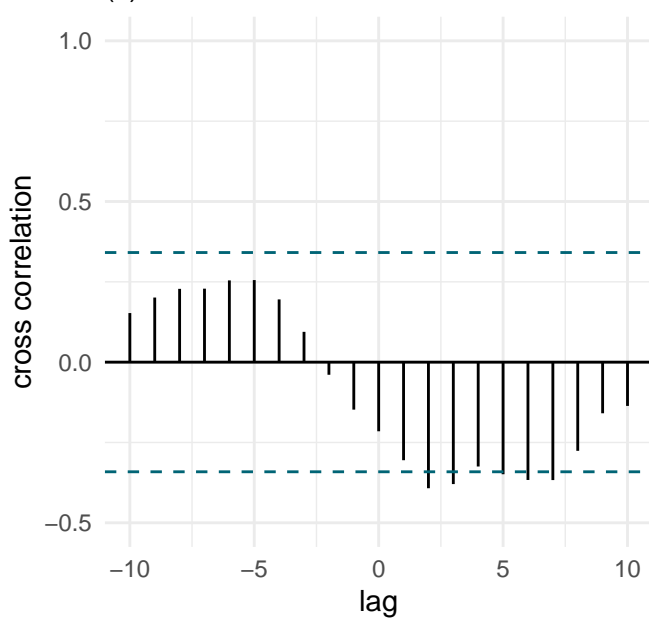
(a)



(b)



(c)

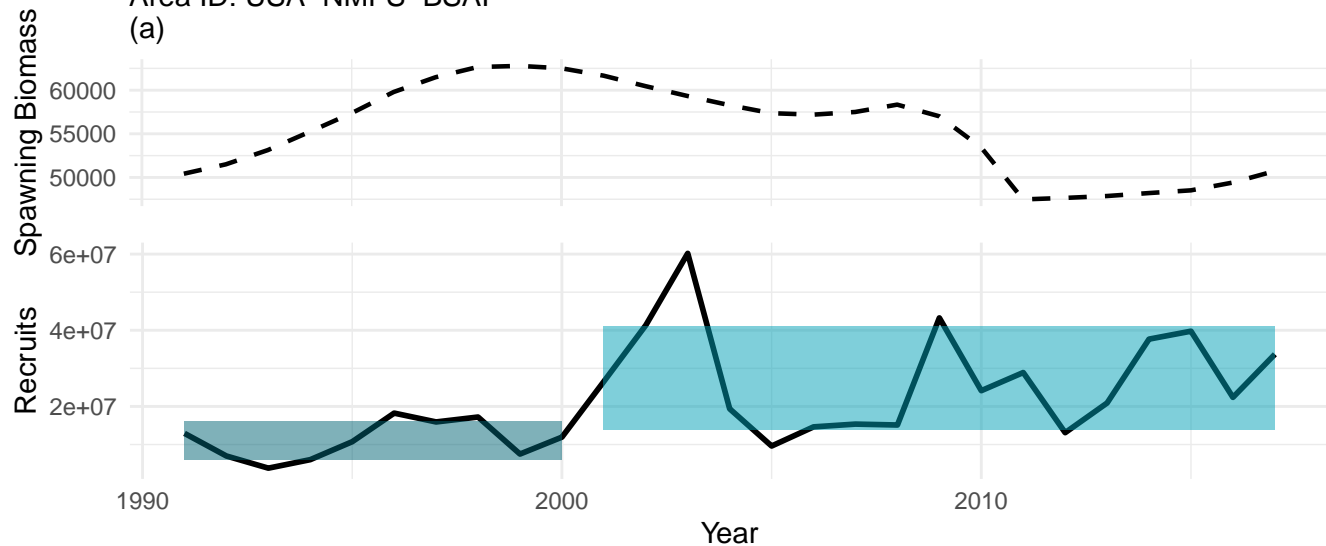


Kamchatka flounder

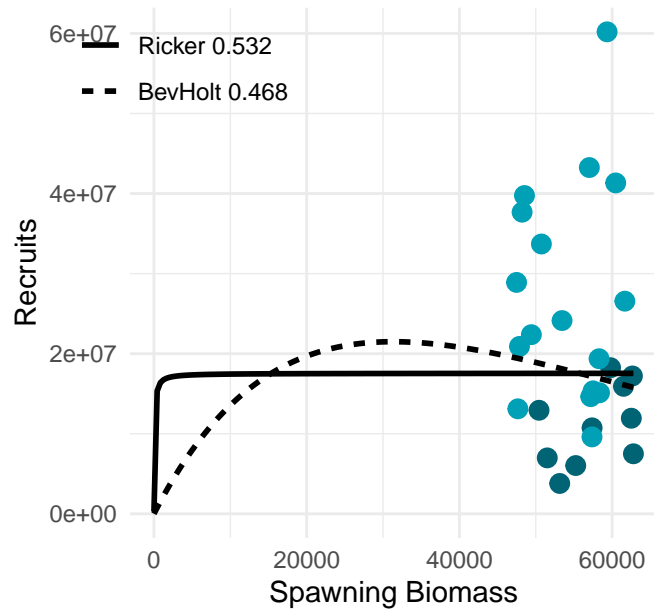
Atheresthes evermanni

Area ID: USA-NMFS-BSAI

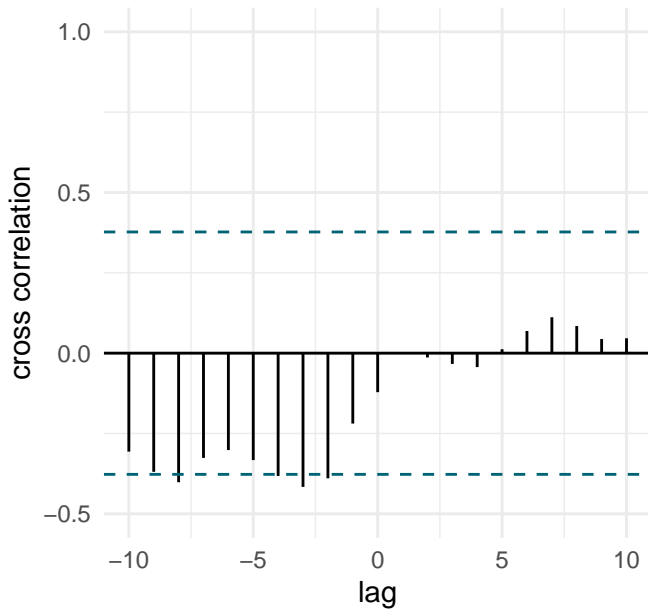
(a)



(b)



(c)

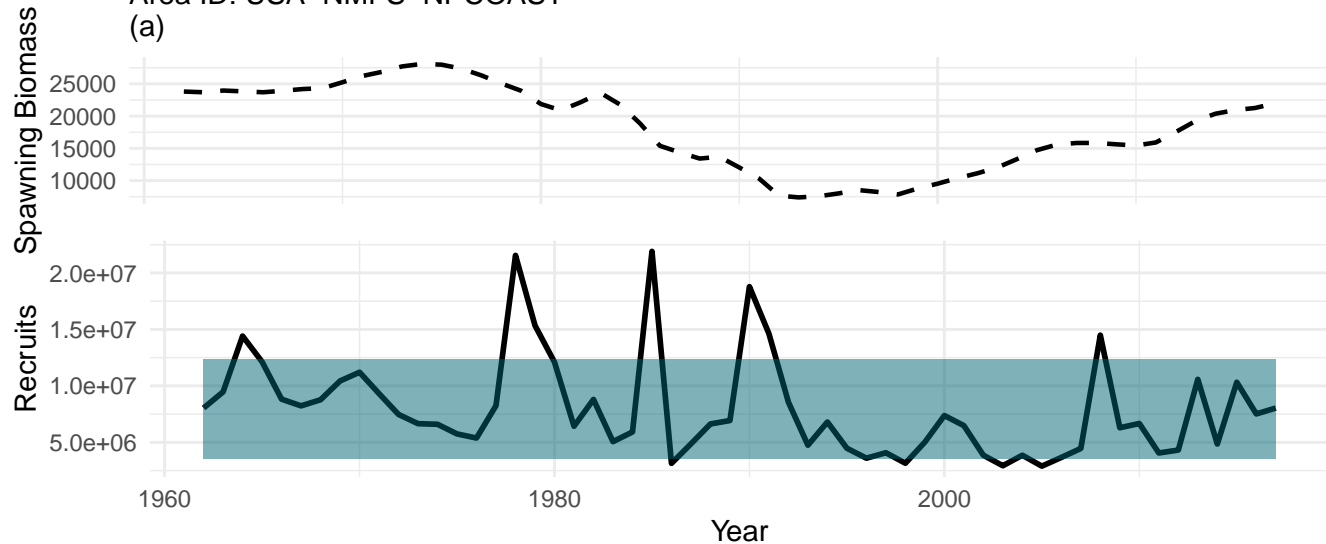


Lingcod

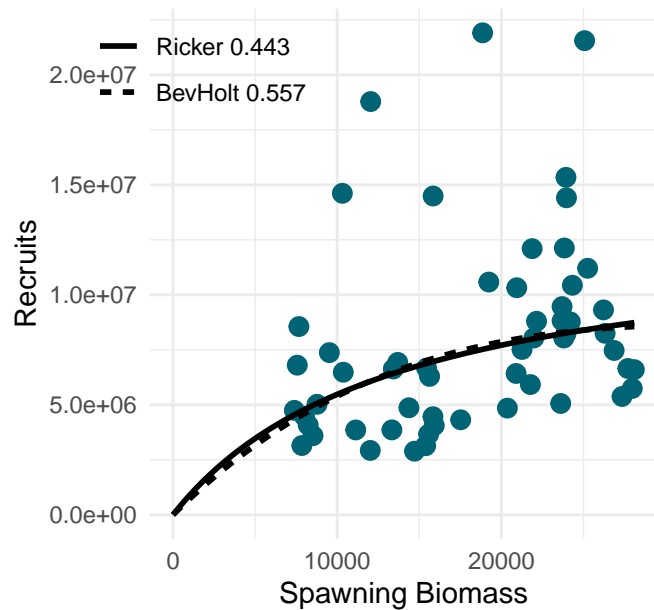
Ophiodon elongatus

Area ID: USA-NMFS-NPCOAST

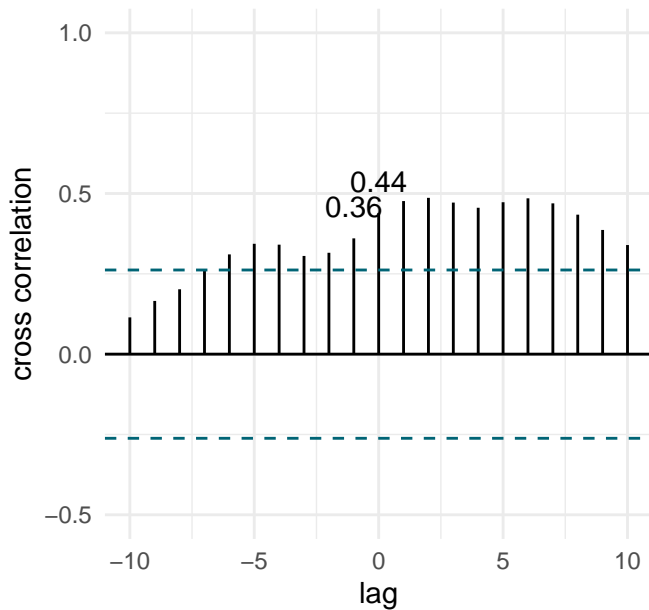
(a)



(b)



(c)

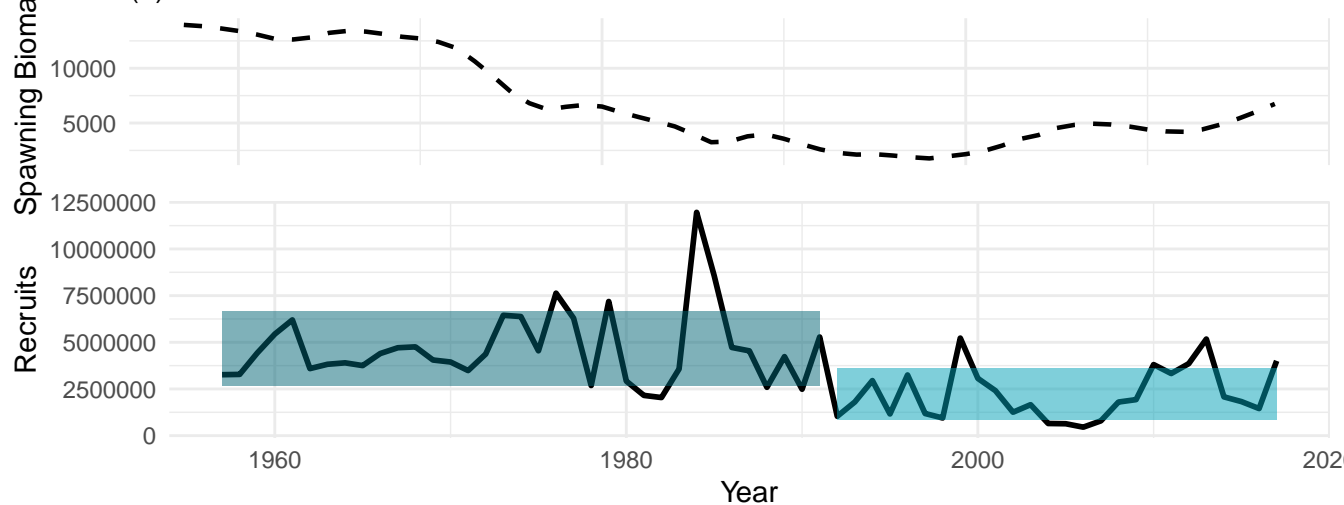


Lingcod

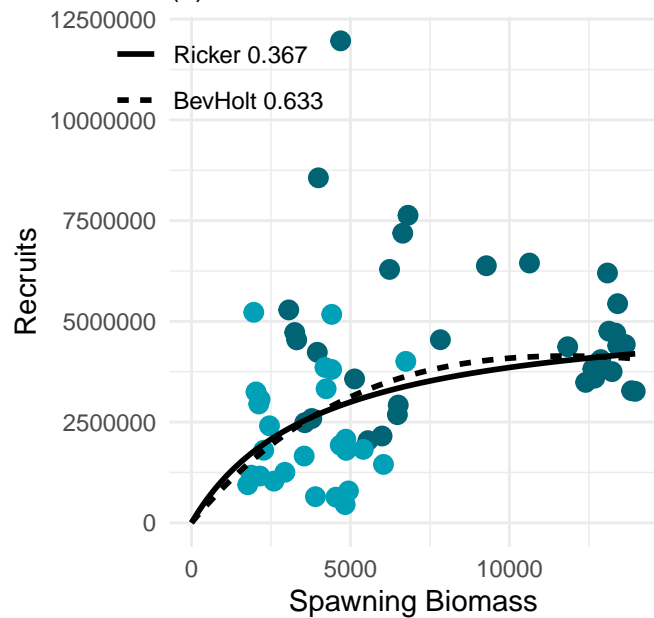
Ophiodon elongatus

Area ID: USA-NMFS-SPCOAST

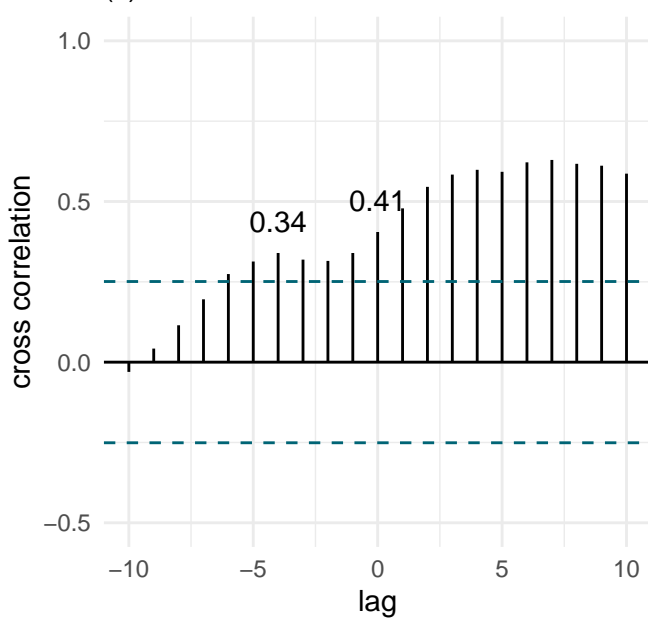
(a)



(b)



(c)

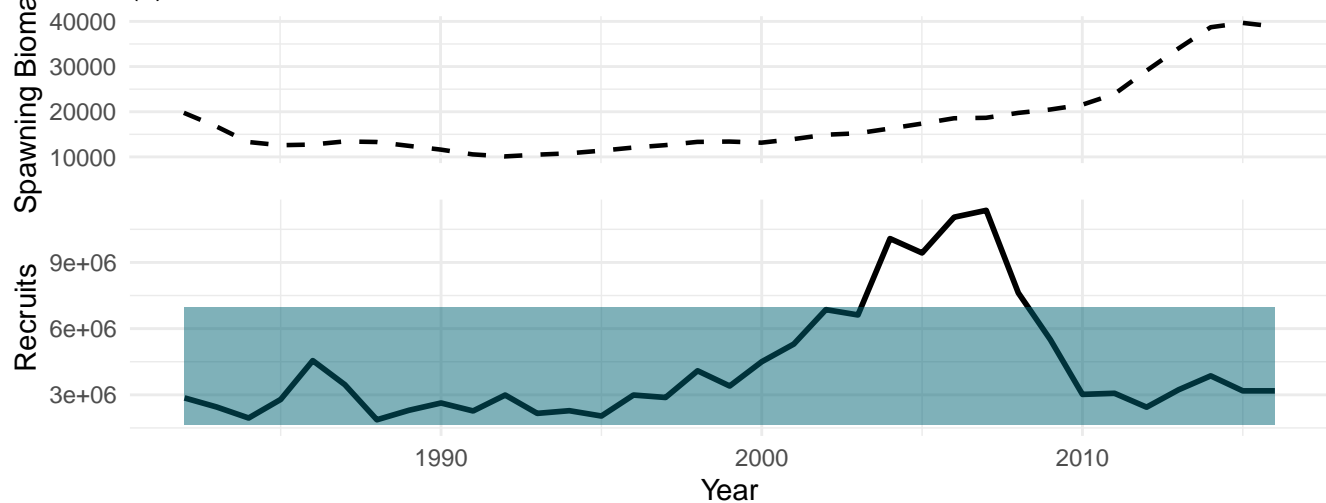


Ling

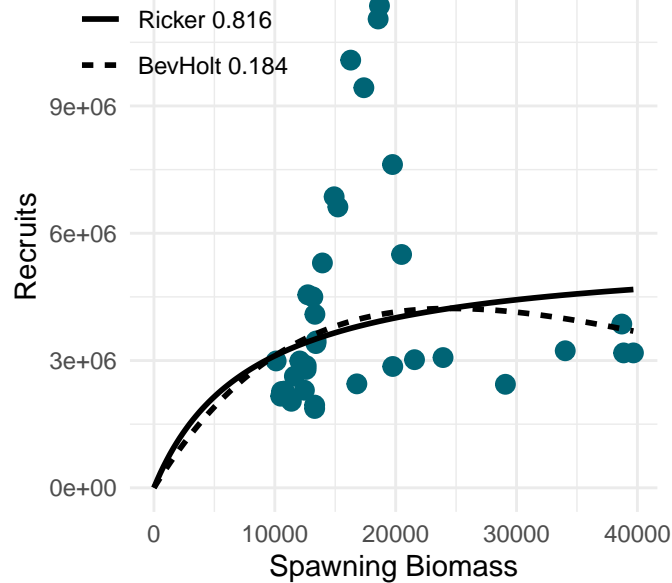
Molva molva

Area ID: multinational-ICES-Va

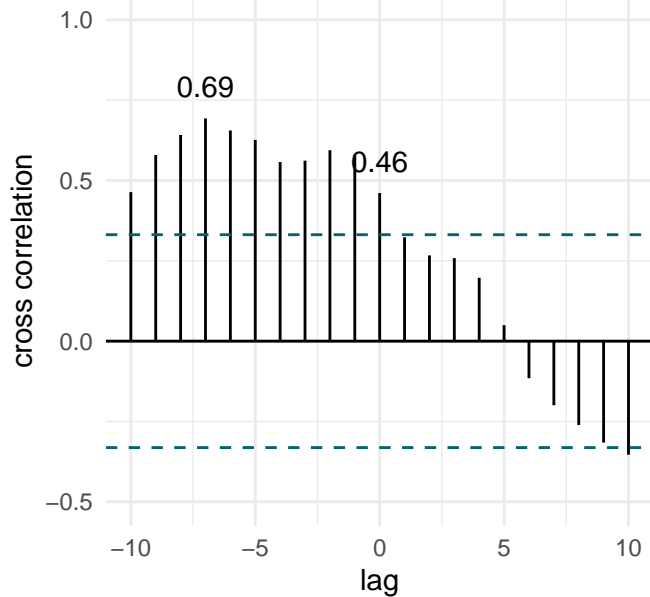
(a)



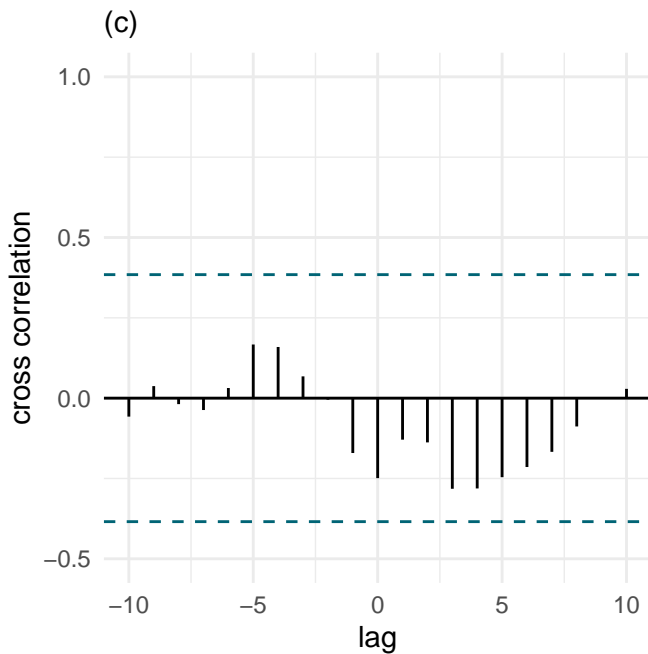
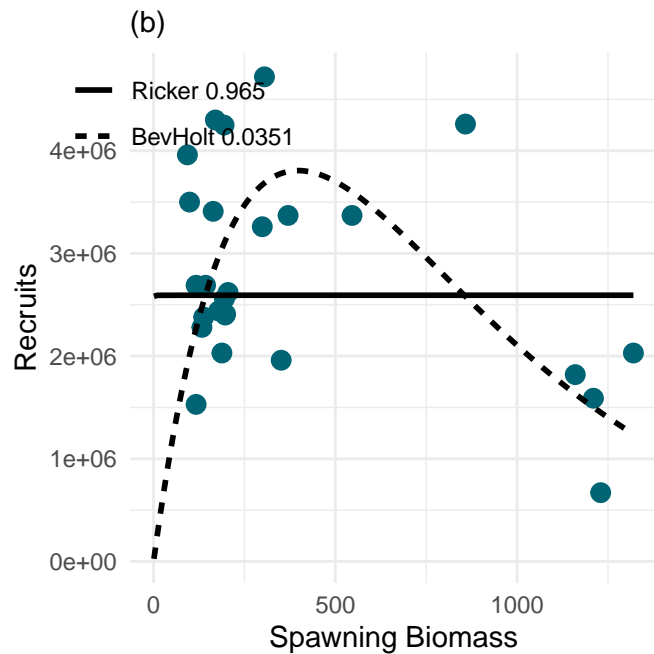
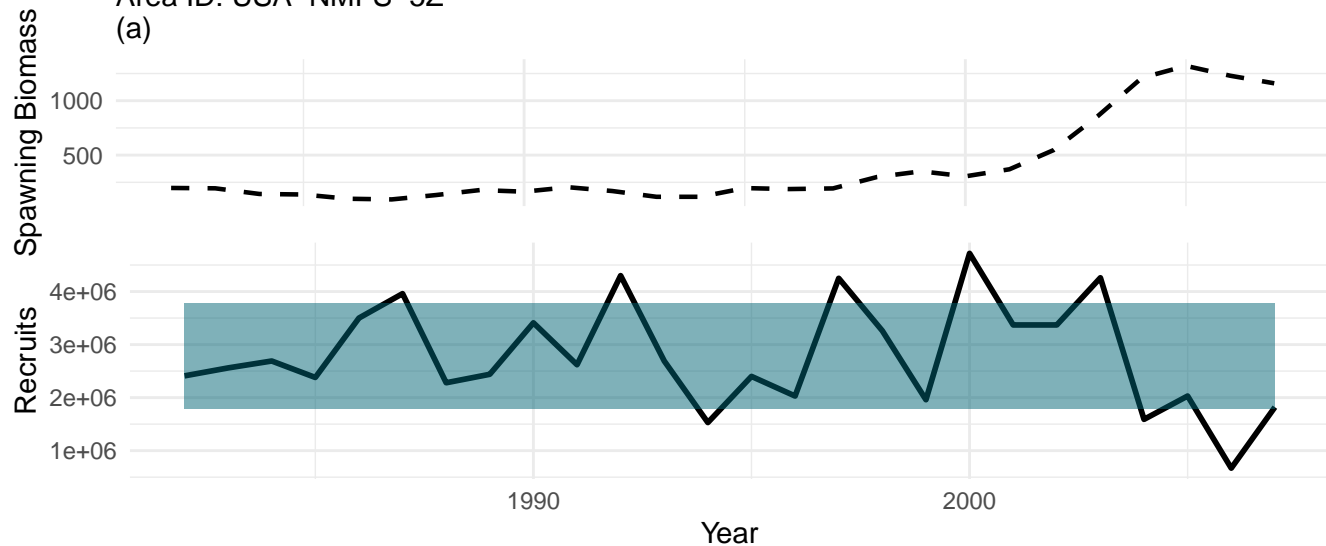
(b)



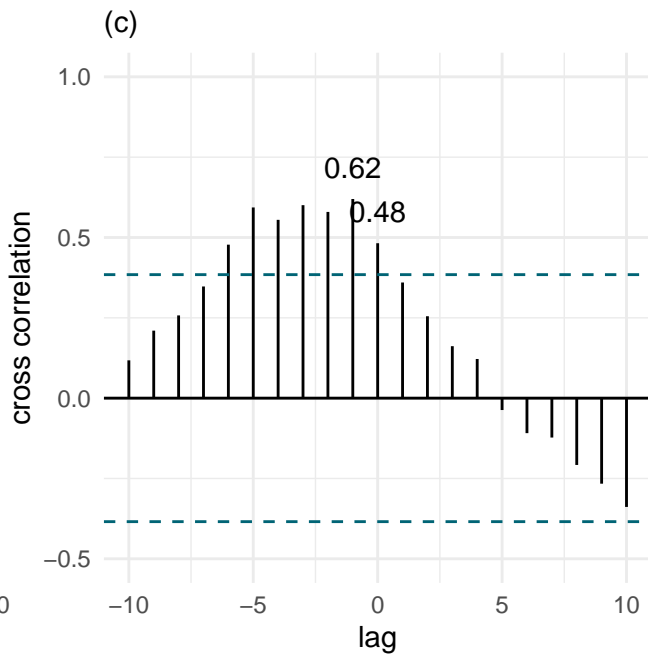
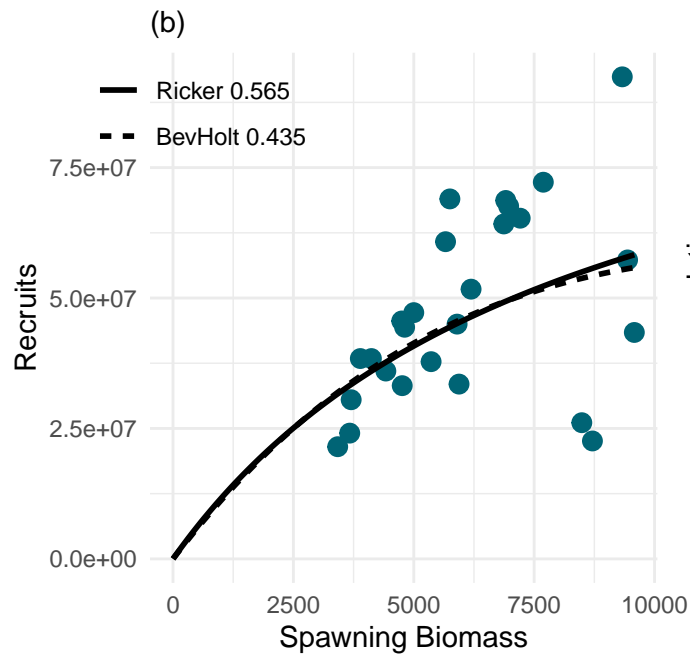
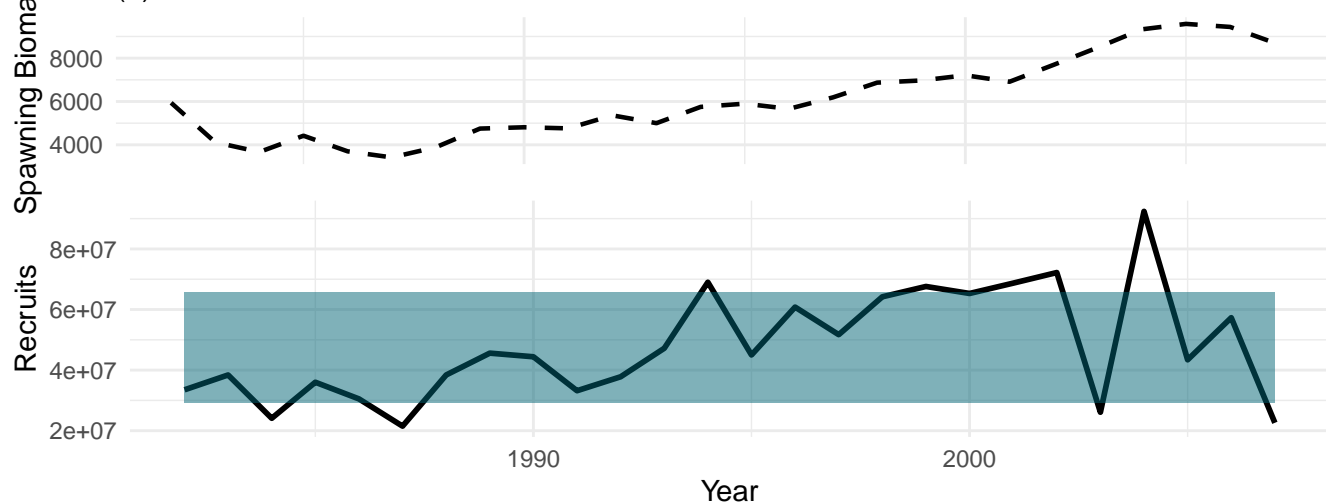
(c)



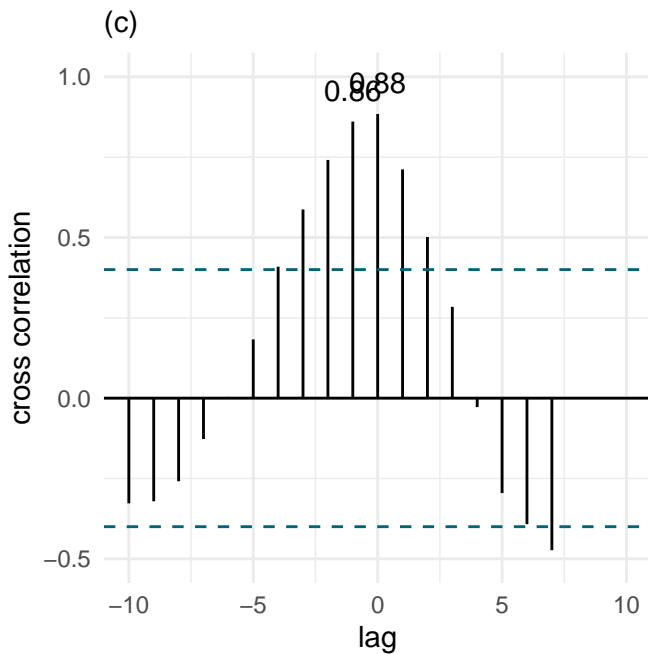
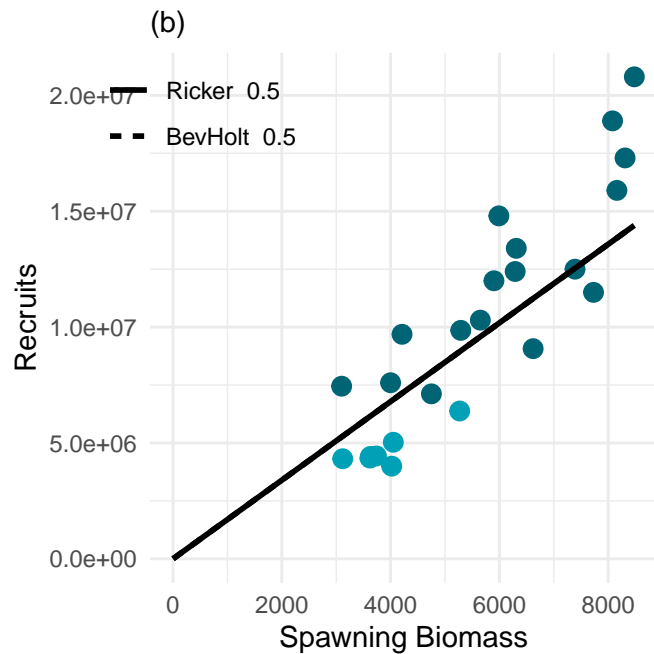
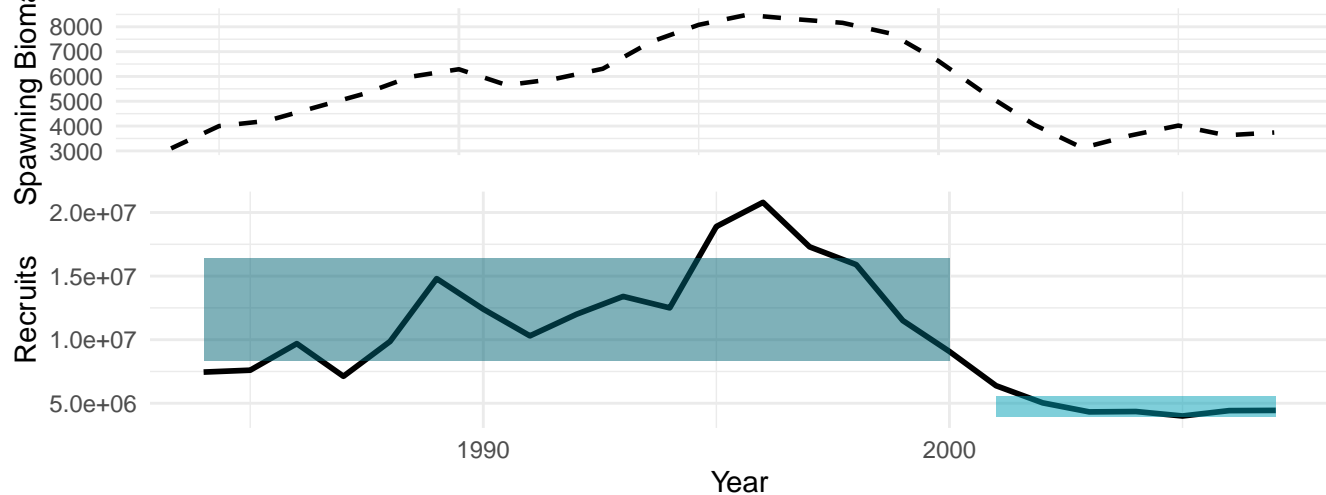
American lobster
Homarus americanus
Area ID: USA-NMFS-5Z
(a)



American lobster
Homarus americanus
Area ID: USA-NMFS-5Y
(a)



American lobster
Homarus americanus
 Area ID: USA-NMFS-SNE
 (a)

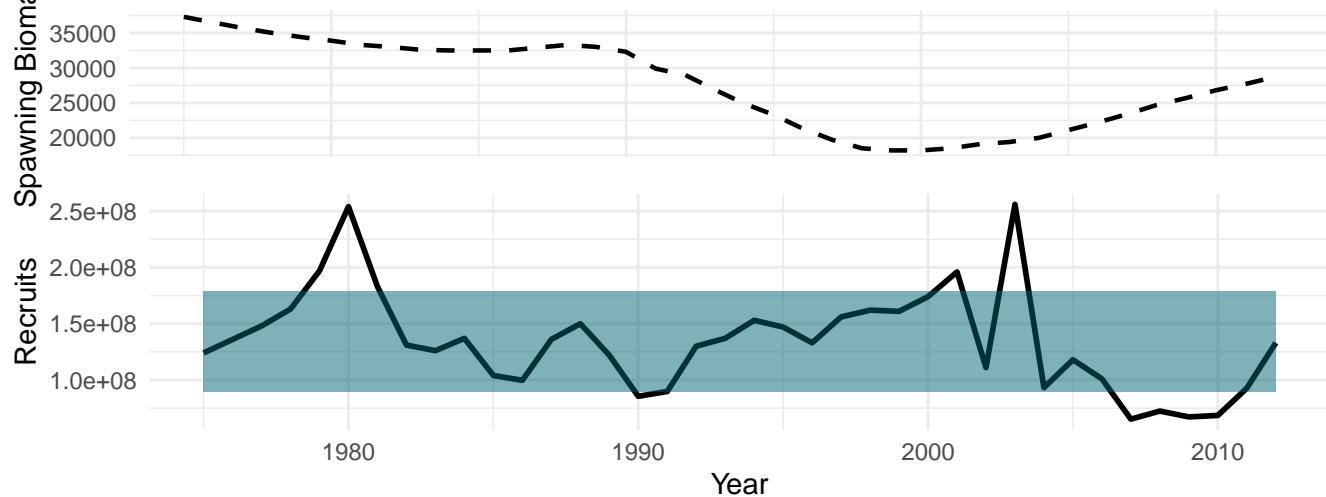


Longspine thornyhead

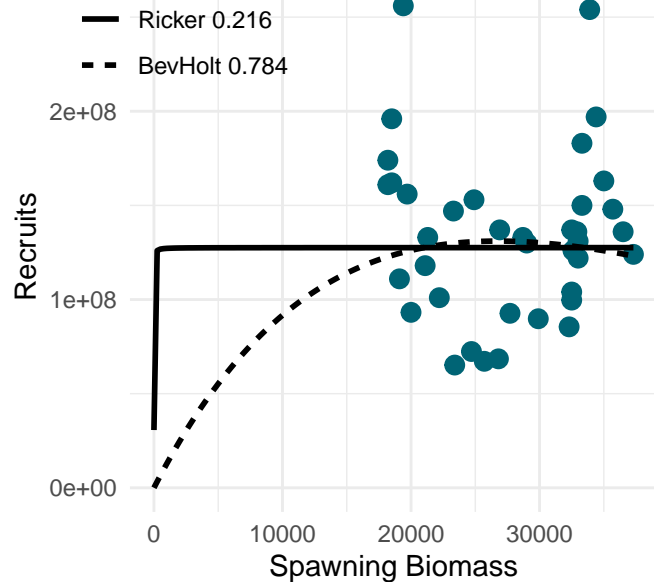
Sebastes altivelis

Area ID: USA-NMFS-PCOAST

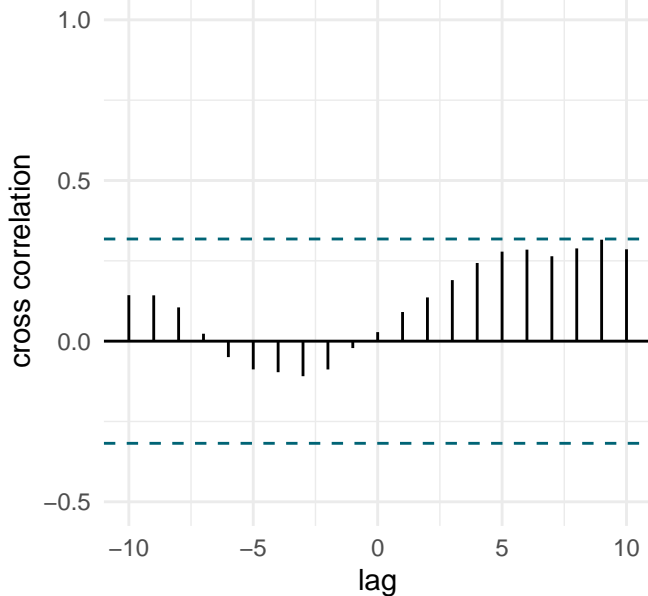
(a)



(b)



(c)

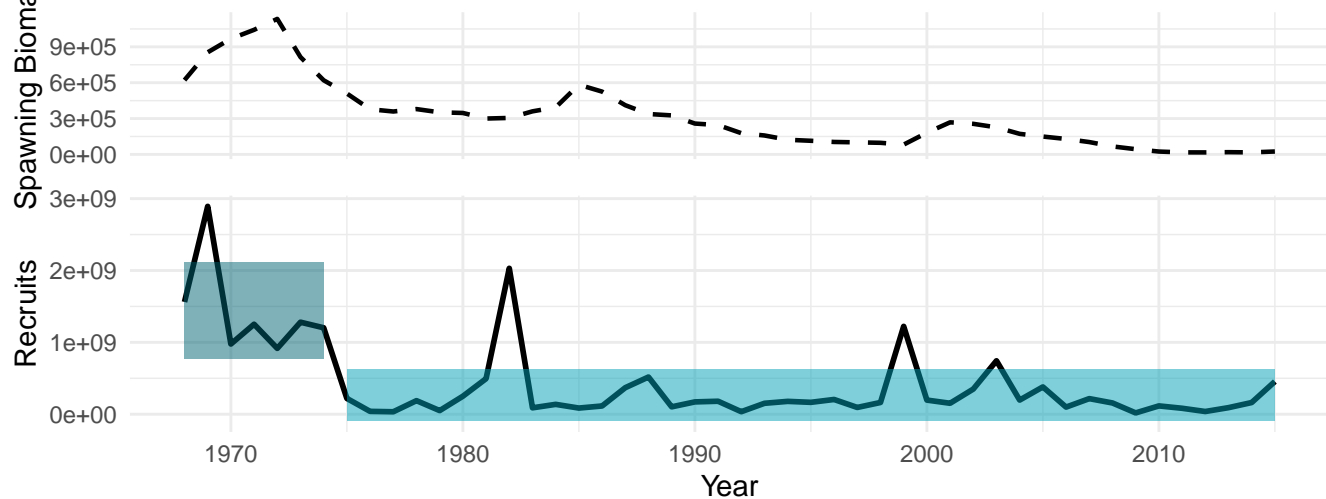


Atlantic mackerel

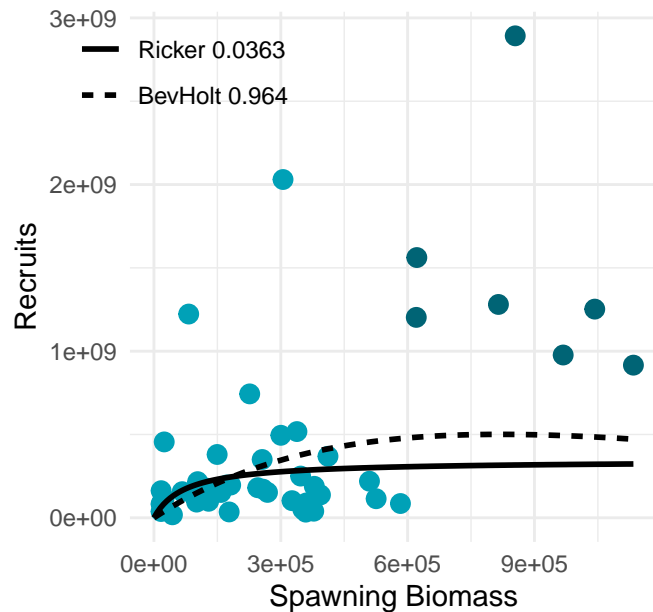
Scomber scombrus

Area ID: USA-NMFS-5YCHATT

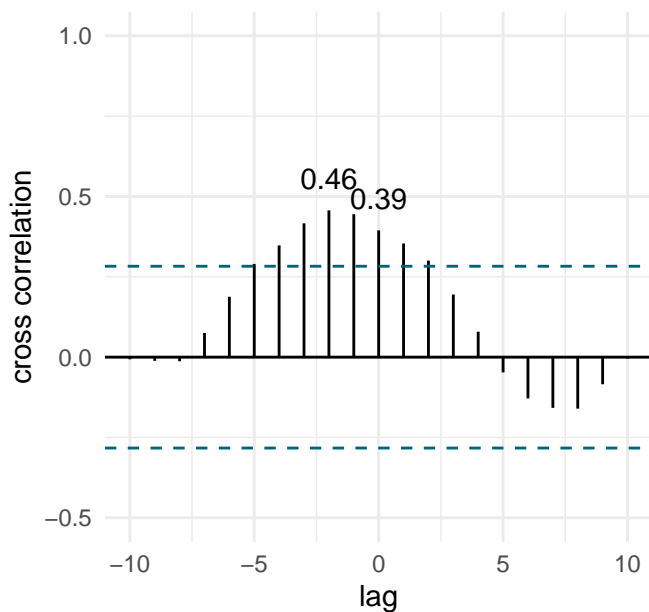
(a)



(b)



(c)

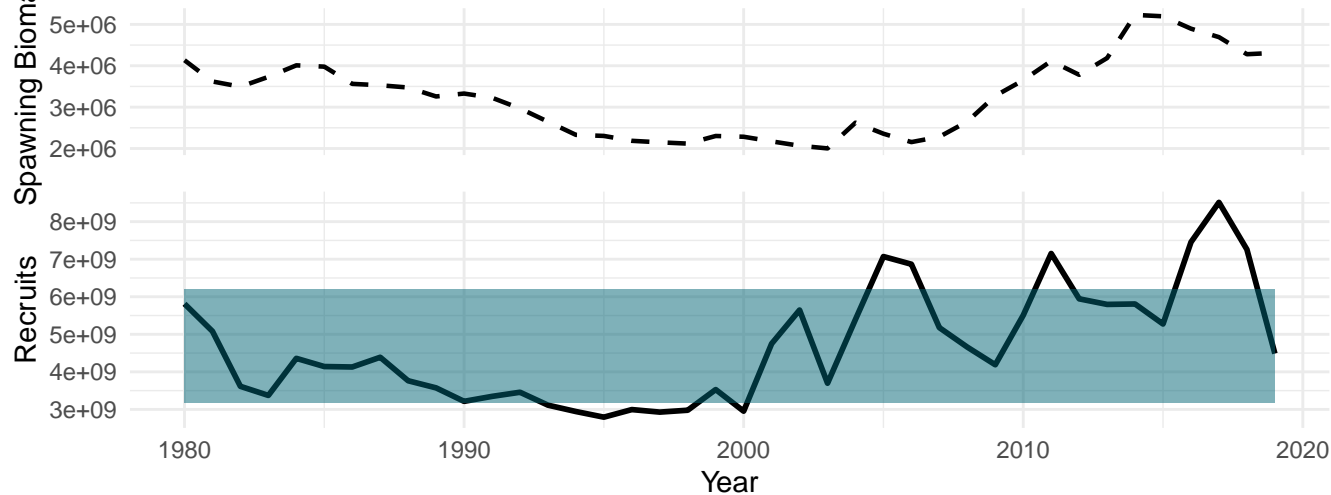


Mackerel

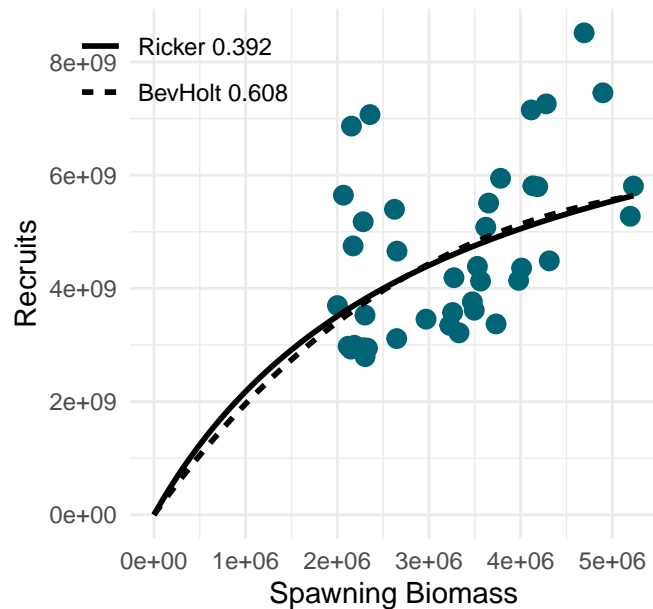
Scomber scombrus

Area ID: multinational-ICES-IIa-IIIabd-IV-Vb-VI-VII-VIIIabcde-XII-XIV-Ixa

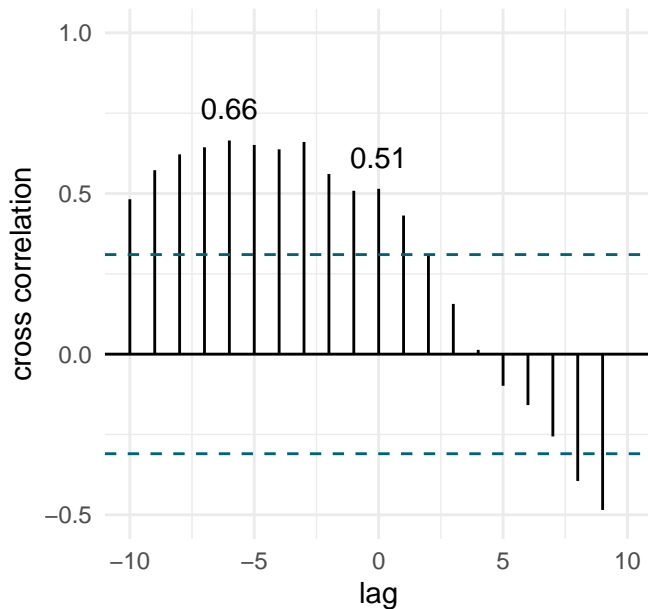
(a)



(b)



(c)

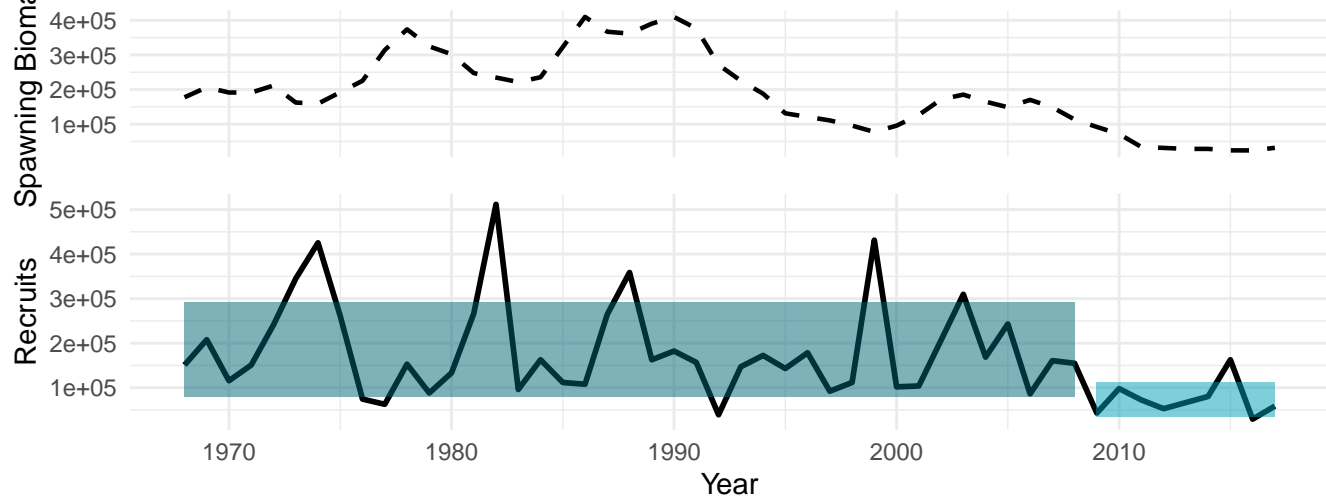


Mackerel

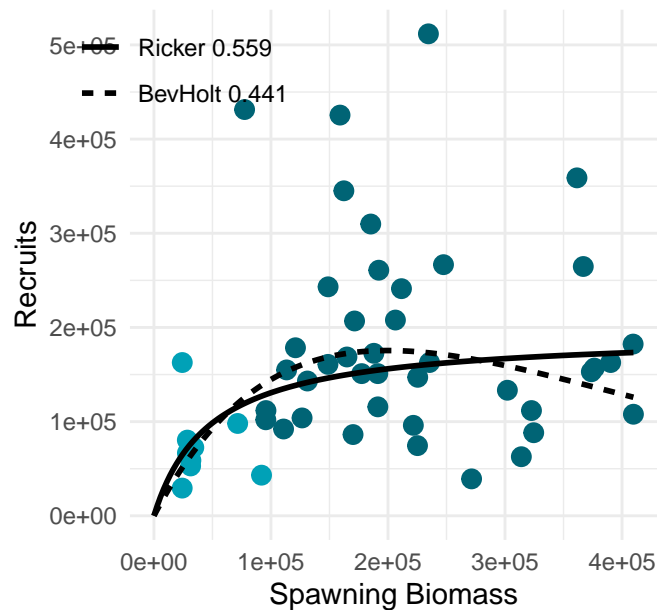
Scomber scombrus

Area ID: Canada-DFO-NWATLSA3-4

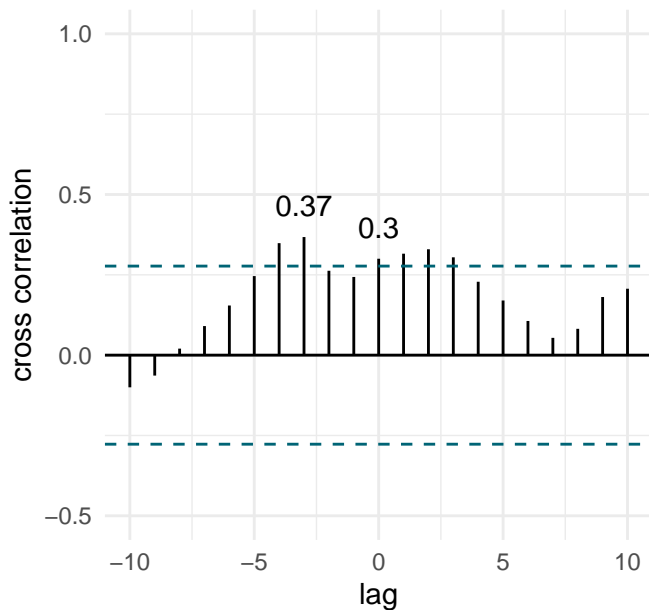
(a)



(b)



(c)

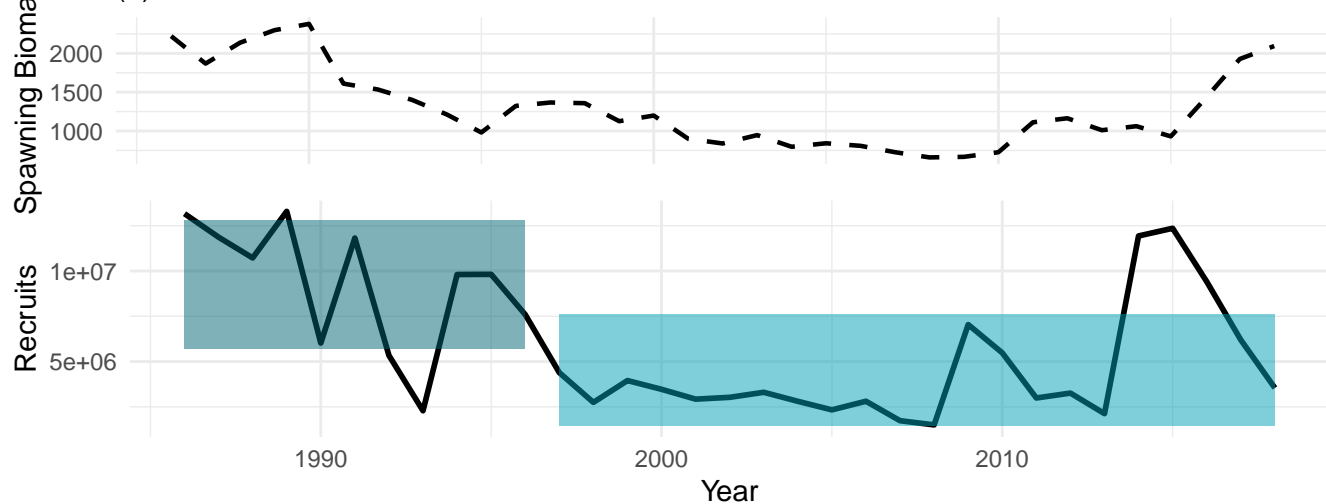


Megrim

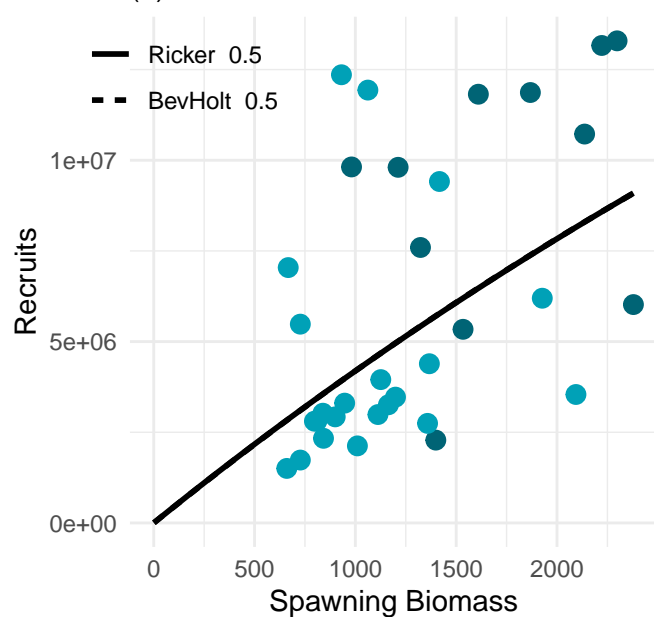
Lepidorhombus whiffiagonis

Area ID: multinational-ICES-VIIIc-IXa

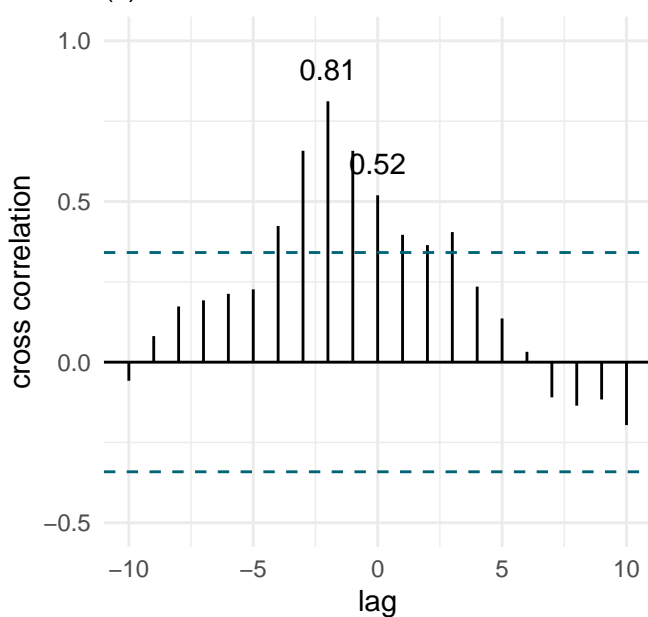
(a)



(b)



(c)

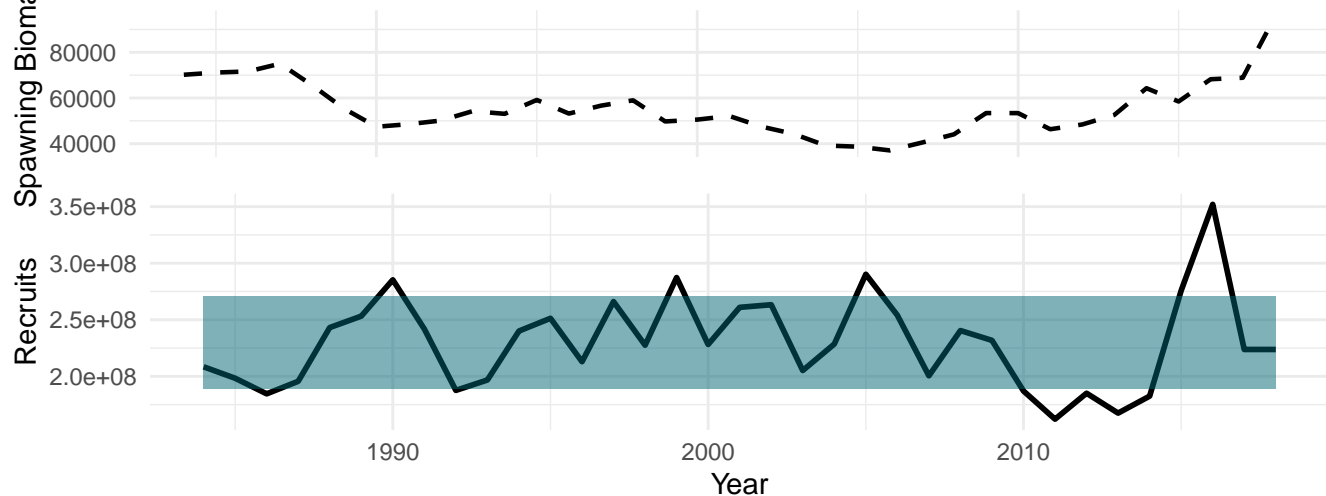


Megrim

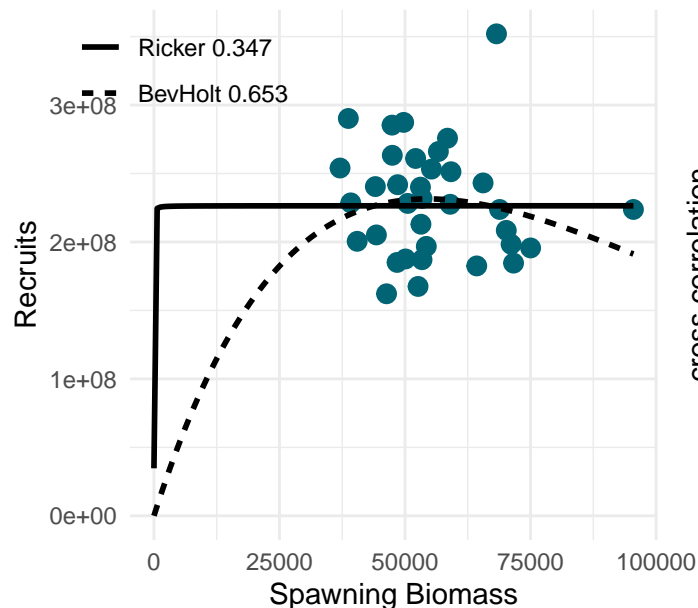
Lepidorhombus whiffiagonis

Area ID: multinational-ICES-VII-VIIIabd

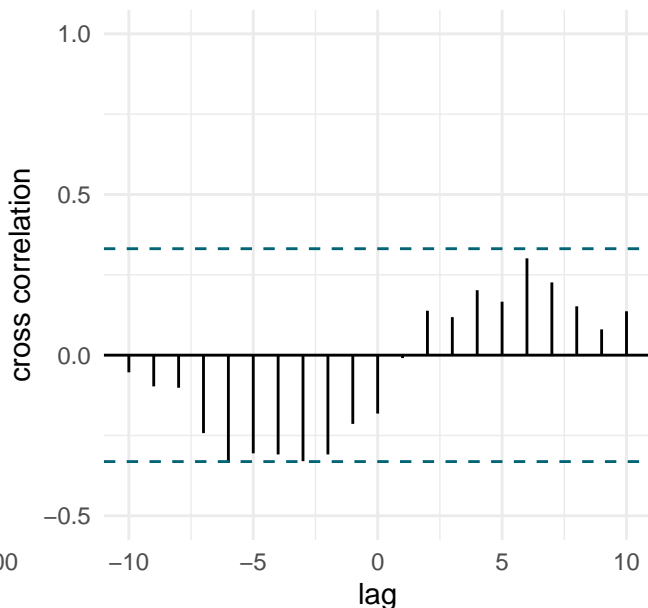
(a)



(b)



(c)

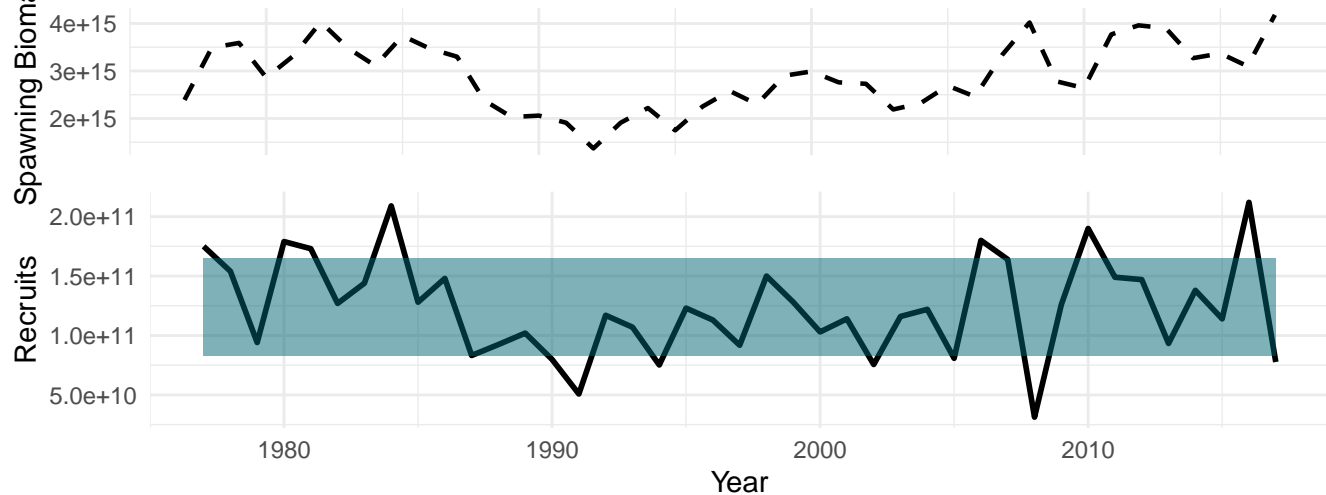


Gulf menhaden

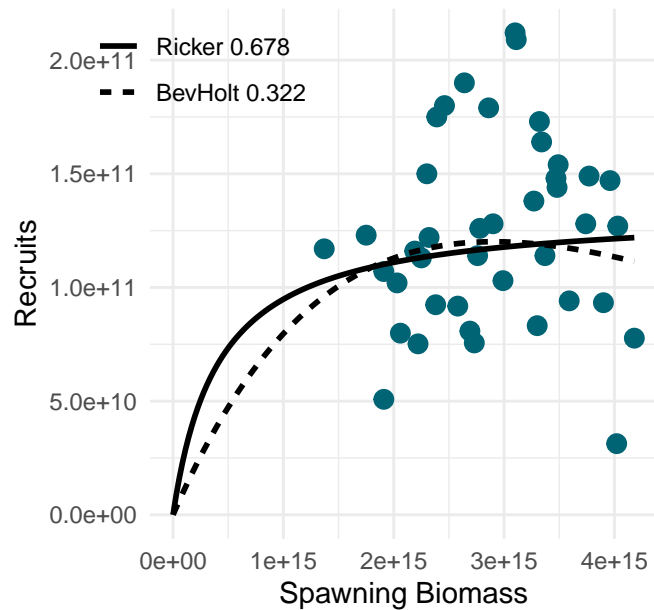
Brevoortia patronus

Area ID: USA-NMFS-GM

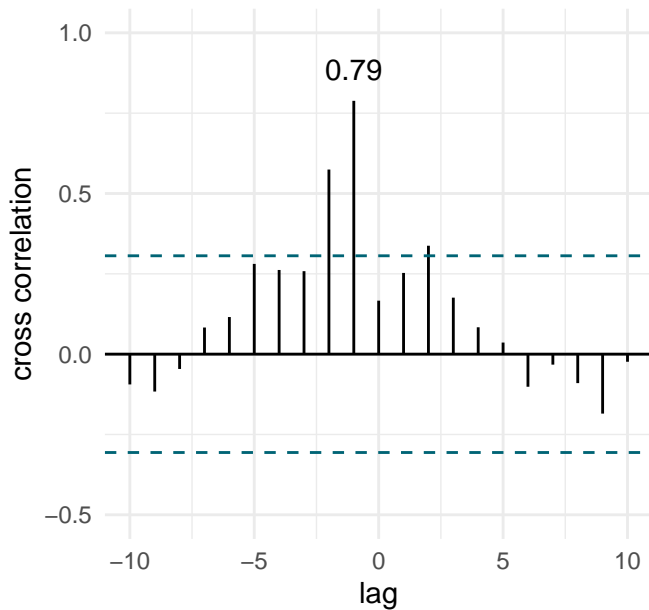
(a)



(b)



(c)

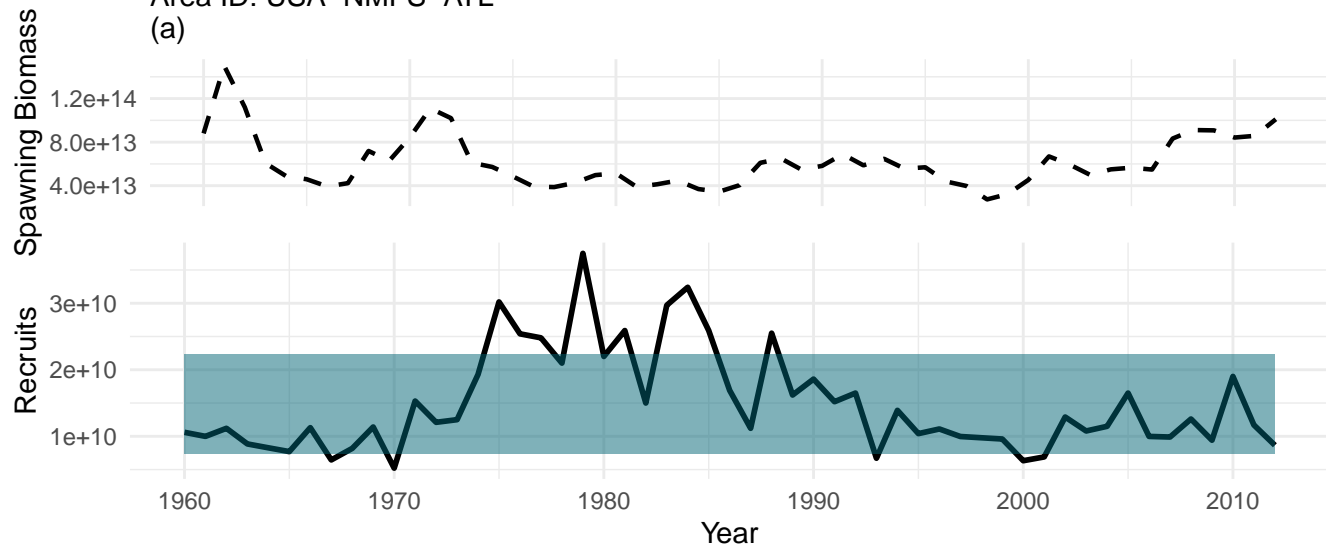


Atlantic menhaden

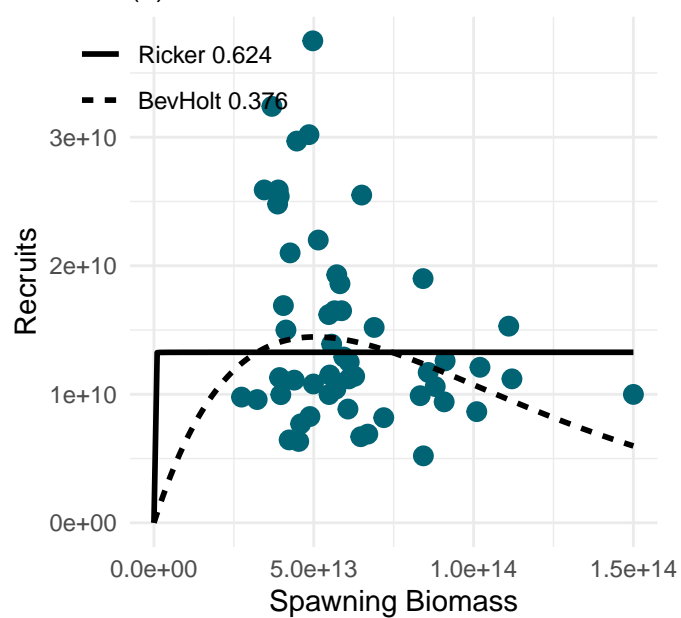
Brevoortia tyrannus

Area ID: USA-NMFS-ATL

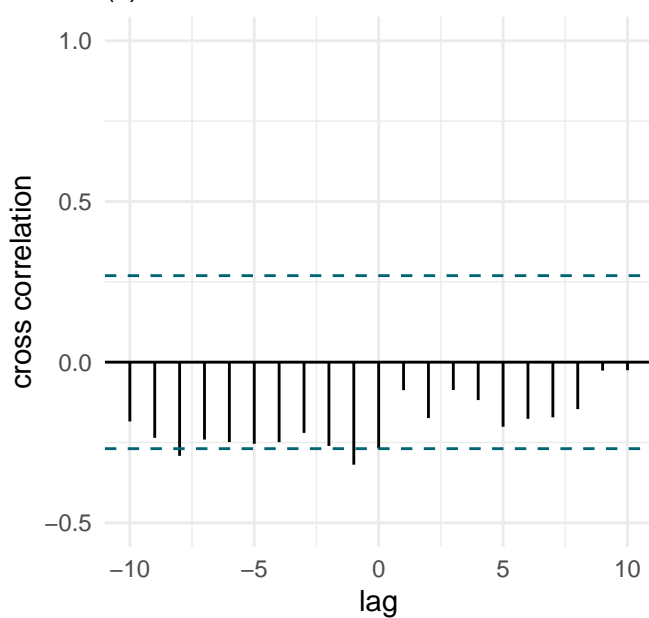
(a)



(b)



(c)

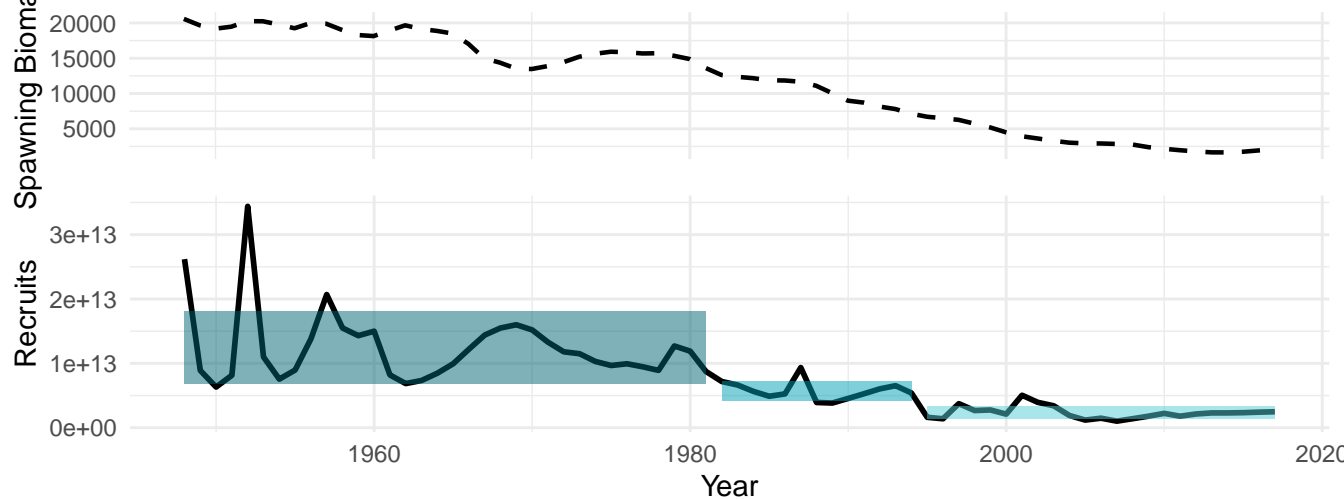


Jackass morwong

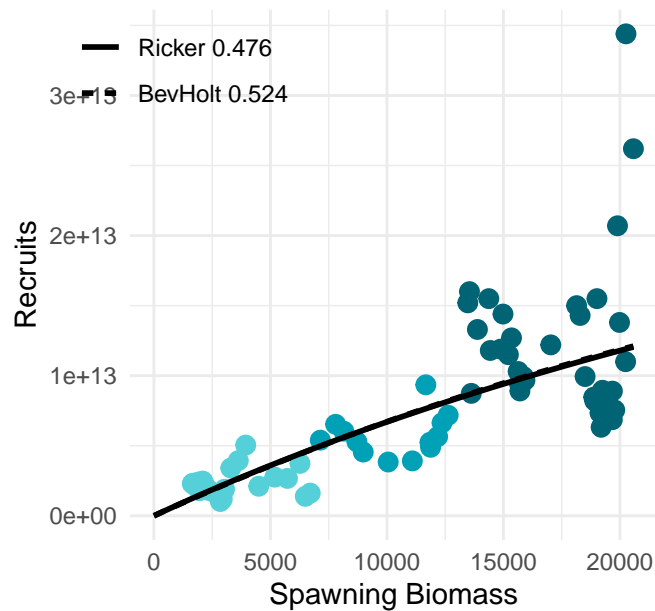
Nemadactylus macropterus

Area ID: Australia-AFMA-ESE

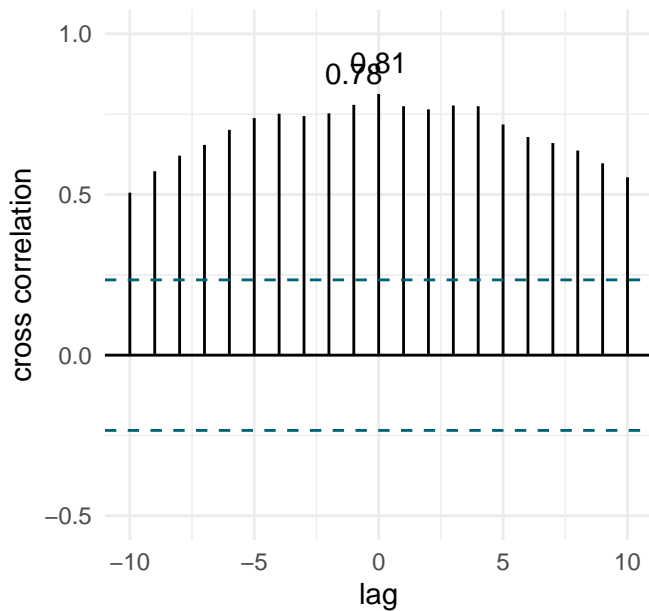
(a)



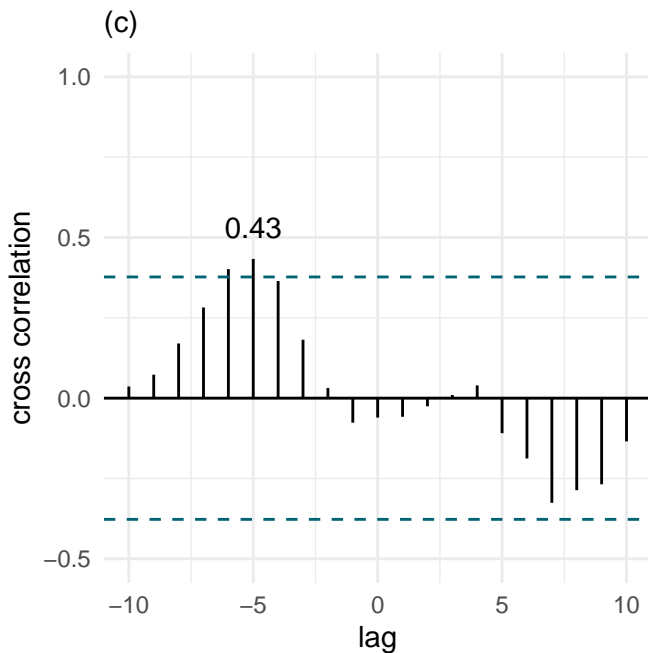
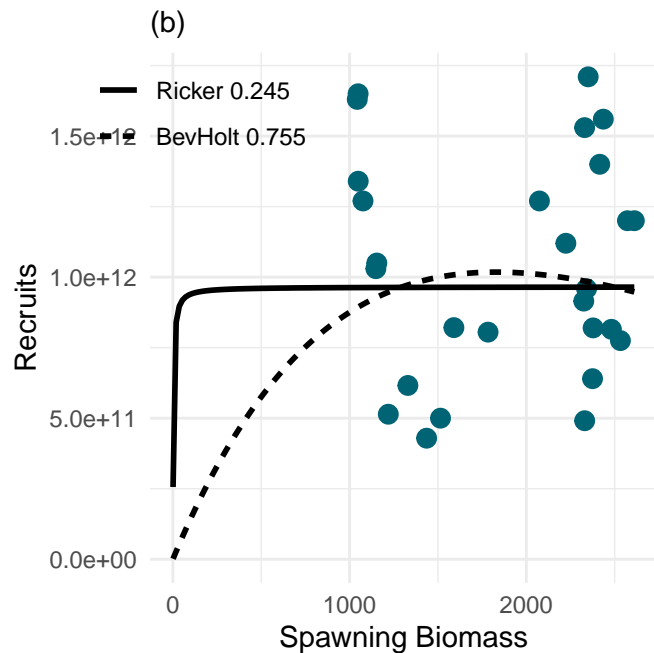
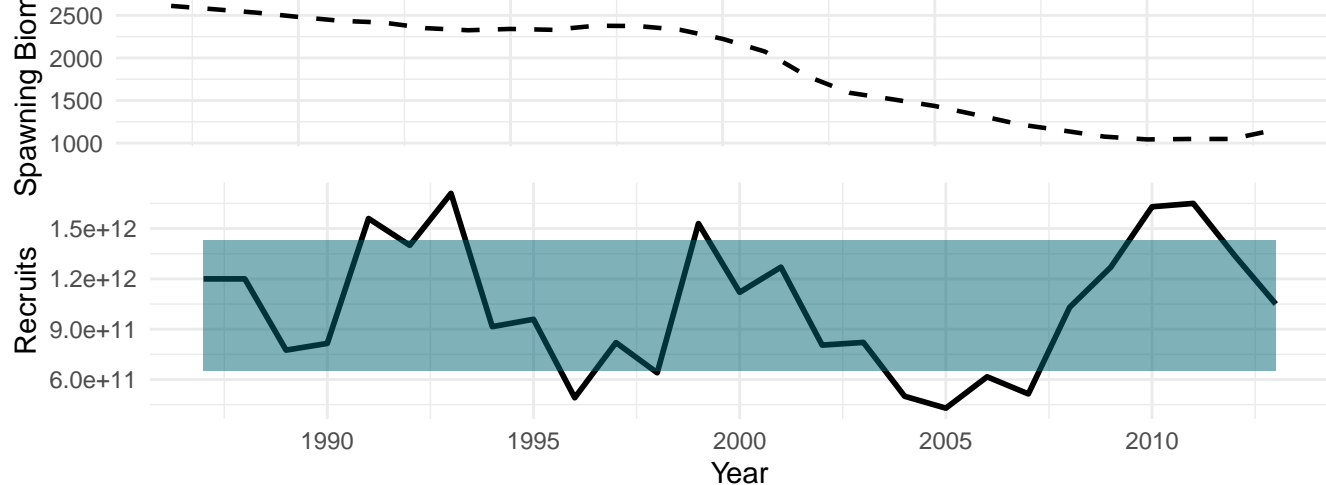
(b)



(c)



Jackass morwong
Nemadactylus macropterus
 Area ID: Australia-AFMA-WSE
 (a)

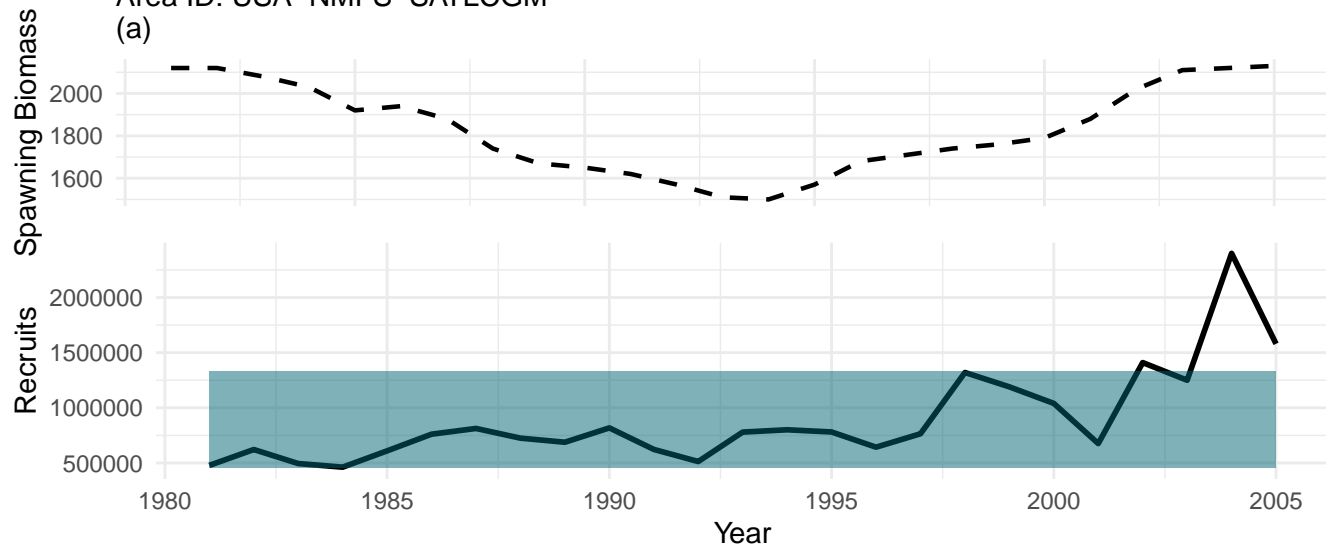


Mutton snapper

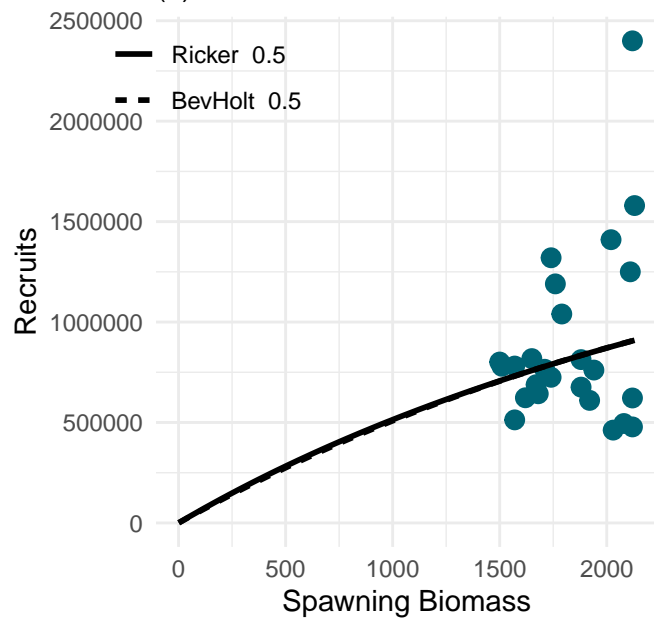
Lutjanus analis

Area ID: USA-NMFS-SATLCGM

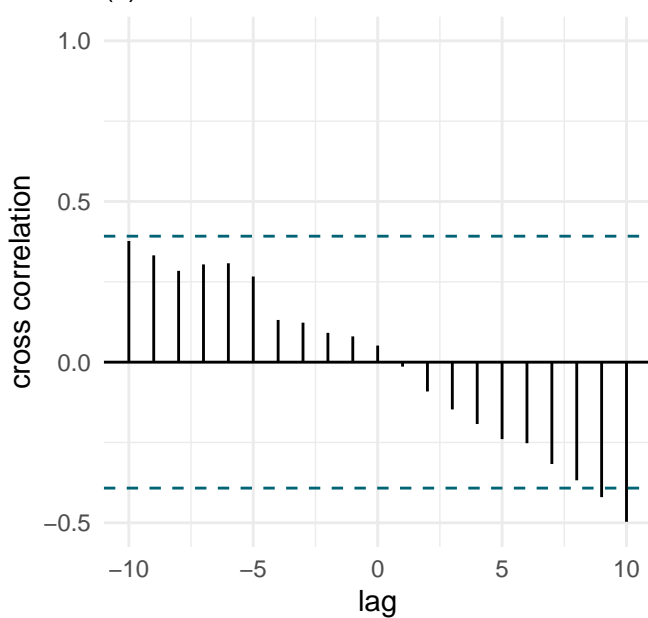
(a)



(b)



(c)

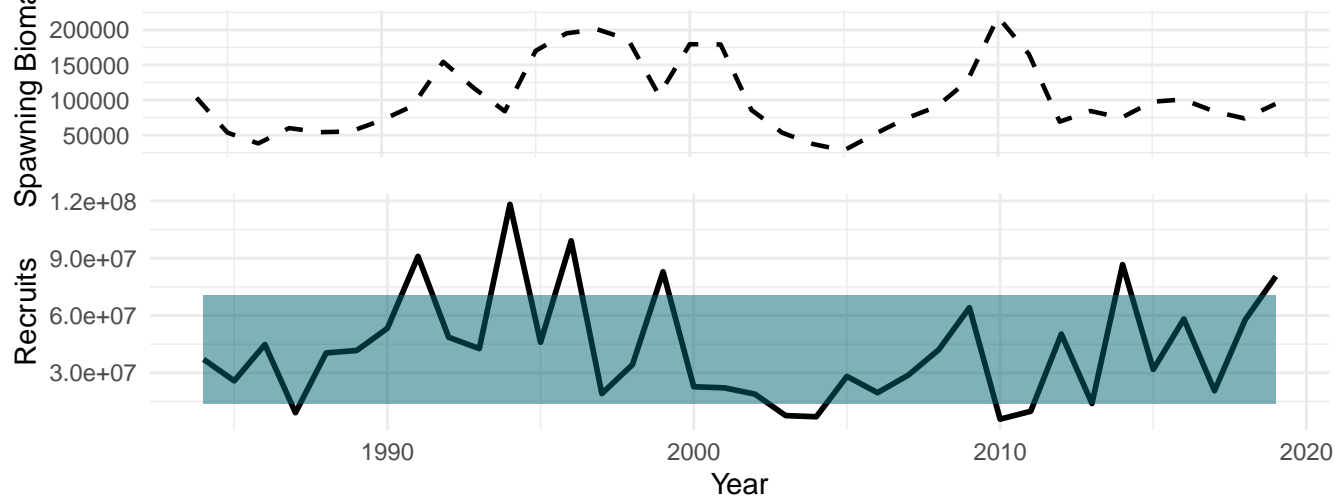


Norway pout

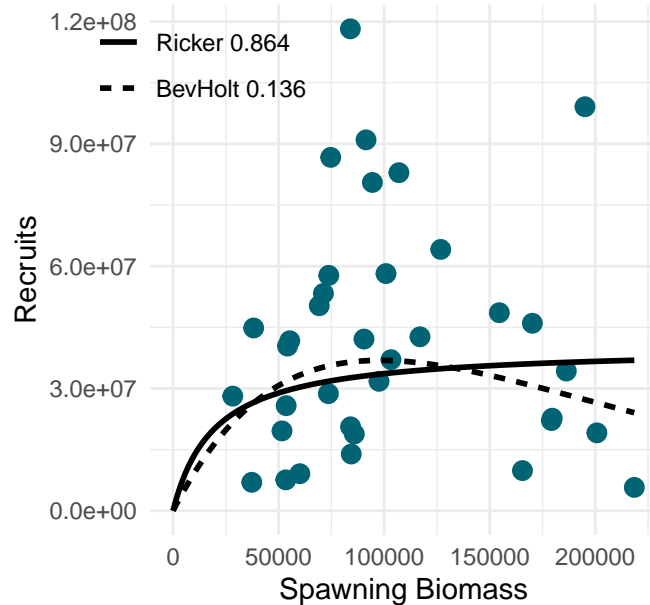
Trisopterus esmarkii

Area ID: multinational-ICES-IIIa-IV

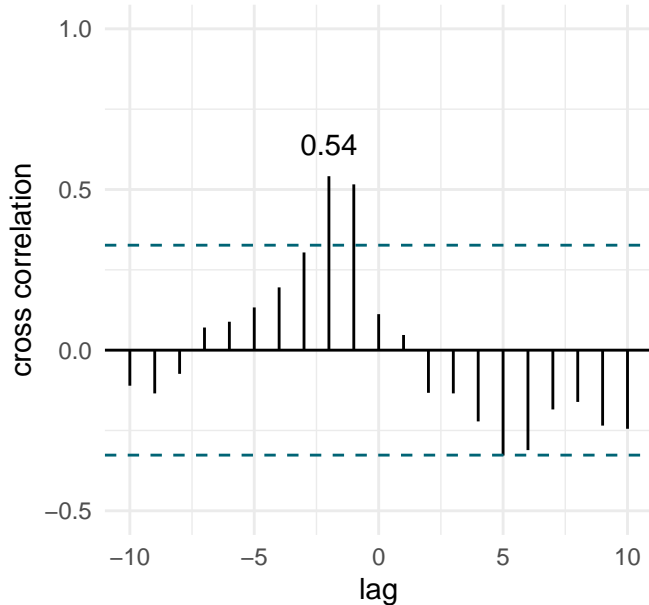
(a)



(b)



(c)

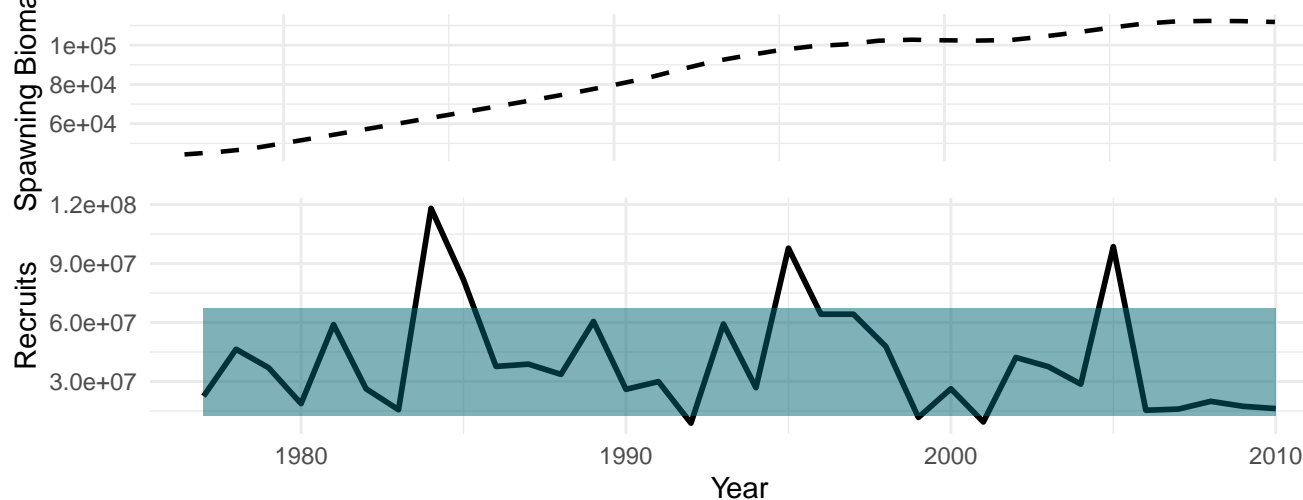


Northern rockfish

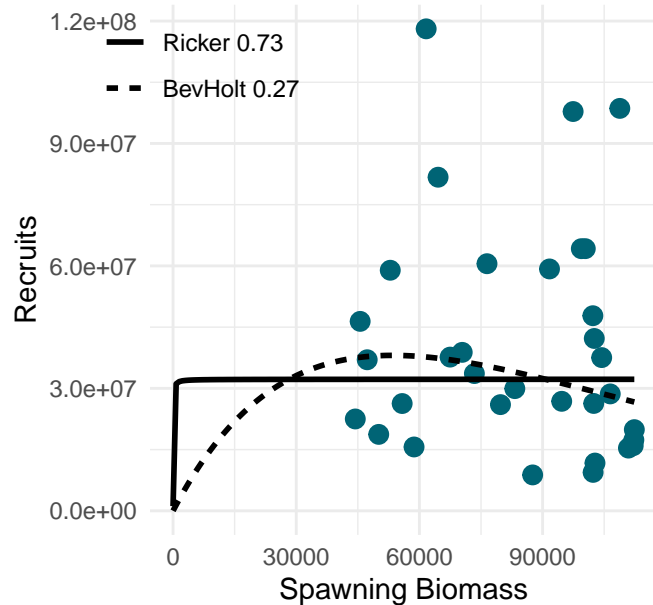
Sebastes polyspinis

Area ID: USA-NMFS-BSAI

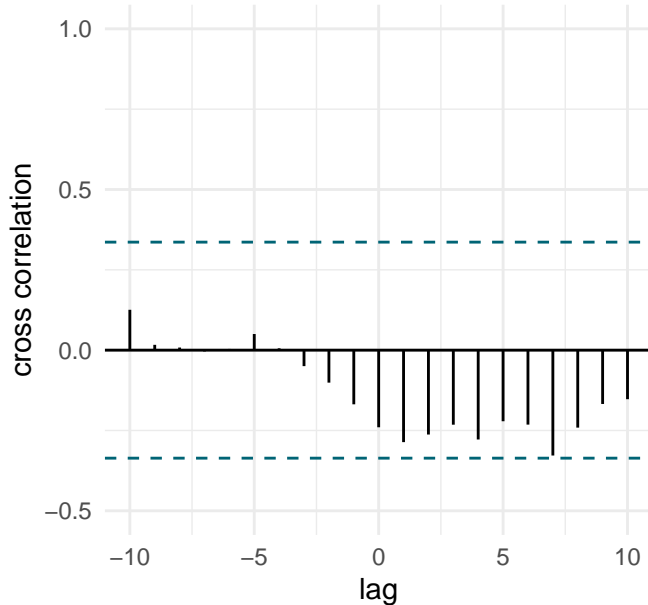
(a)



(b)



(c)

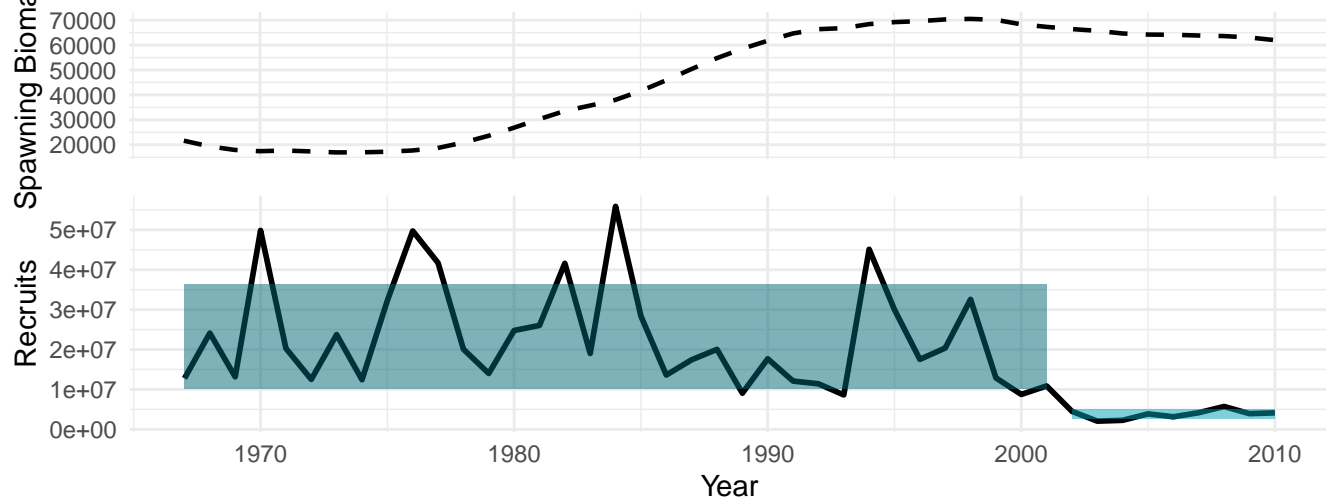


Northern rockfish

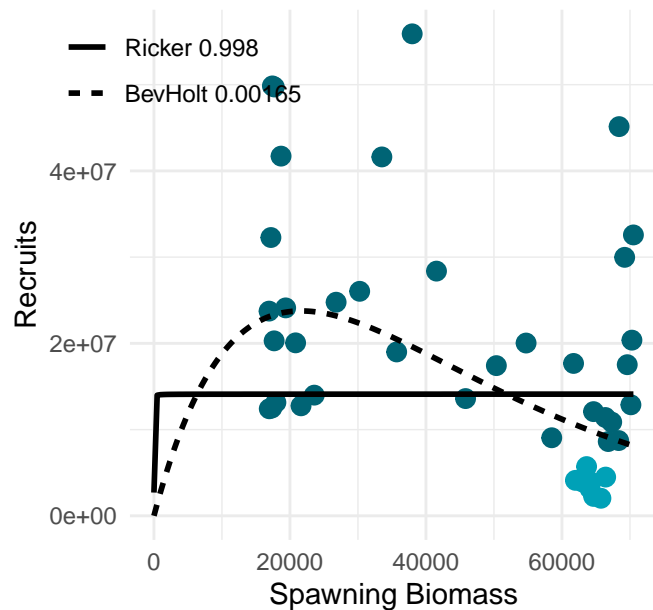
Sebastes polyspinis

Area ID: USA-NMFS-GA

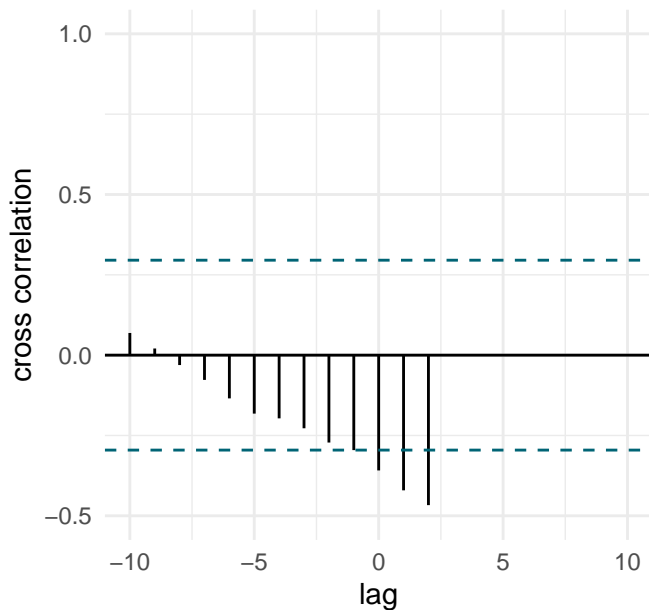
(a)



(b)



(c)

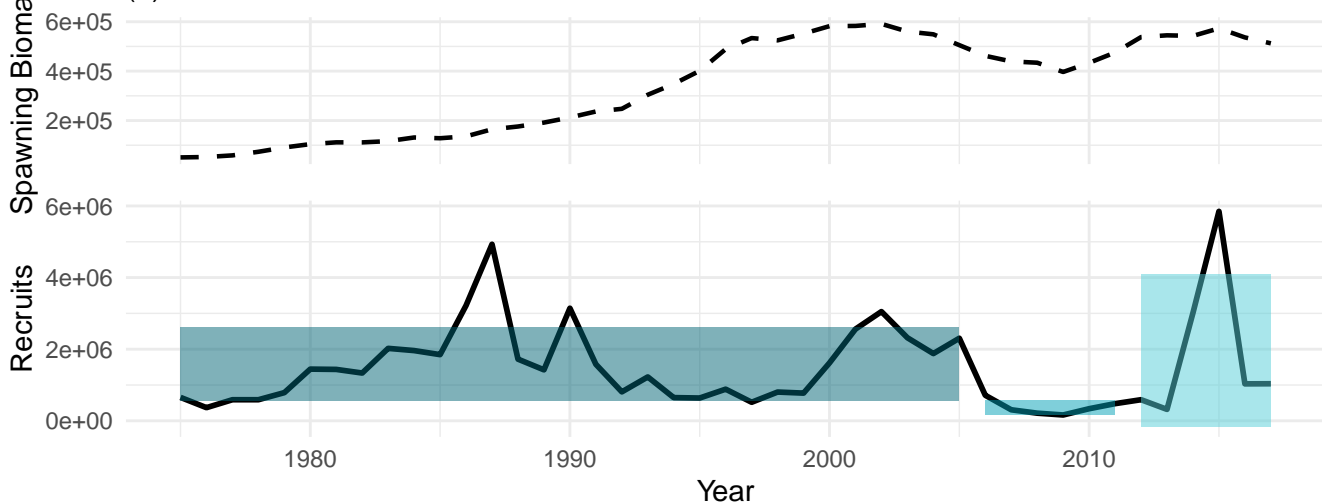


Northern rock sole

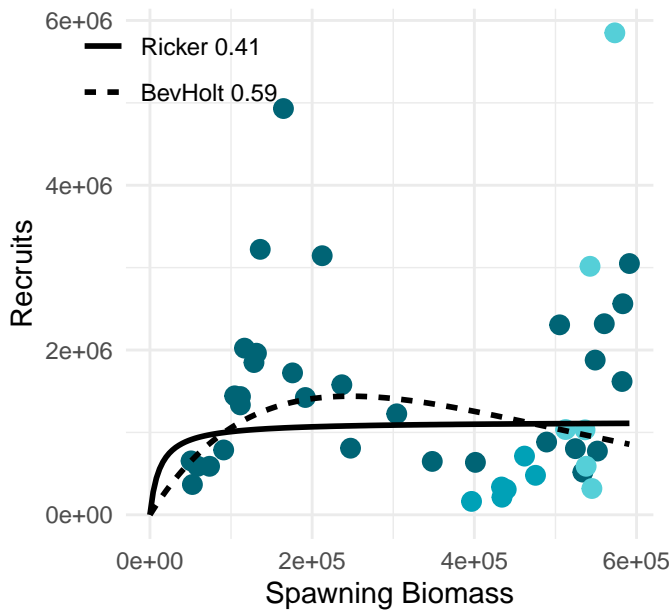
Lepidopsetta polyxystra

Area ID: USA-NMFS-EBSAI

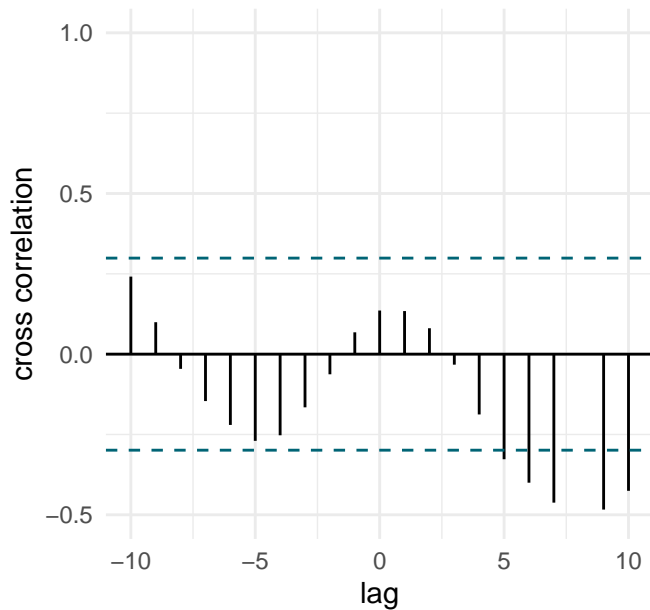
(a)



(b)



(c)

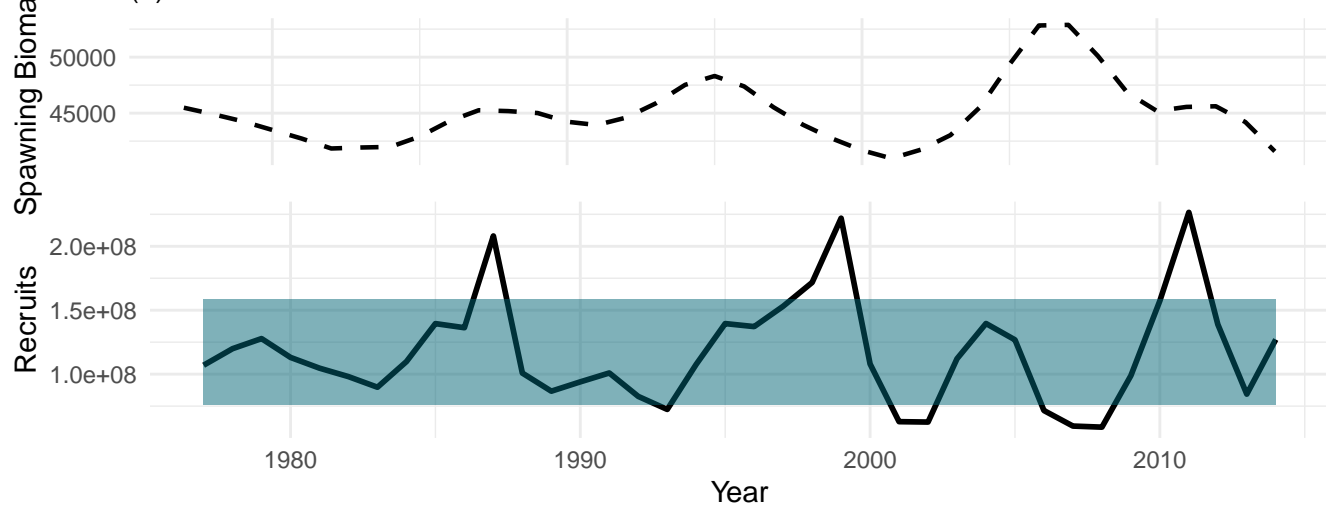


Northern rock sole

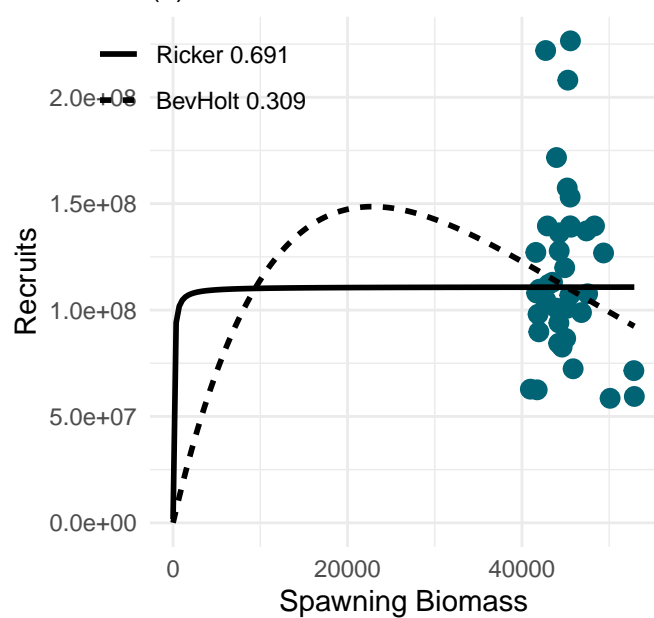
Lepidopsetta polyxystra

Area ID: USA-NMFS-GA

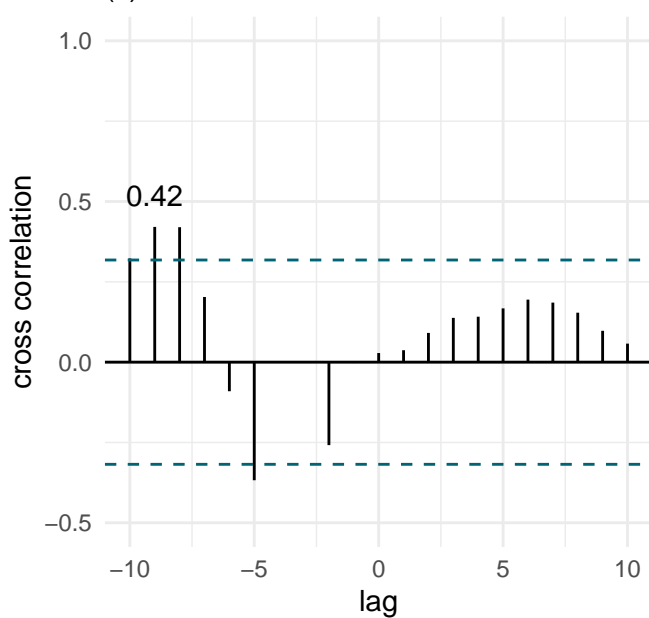
(a)



(b)



(c)

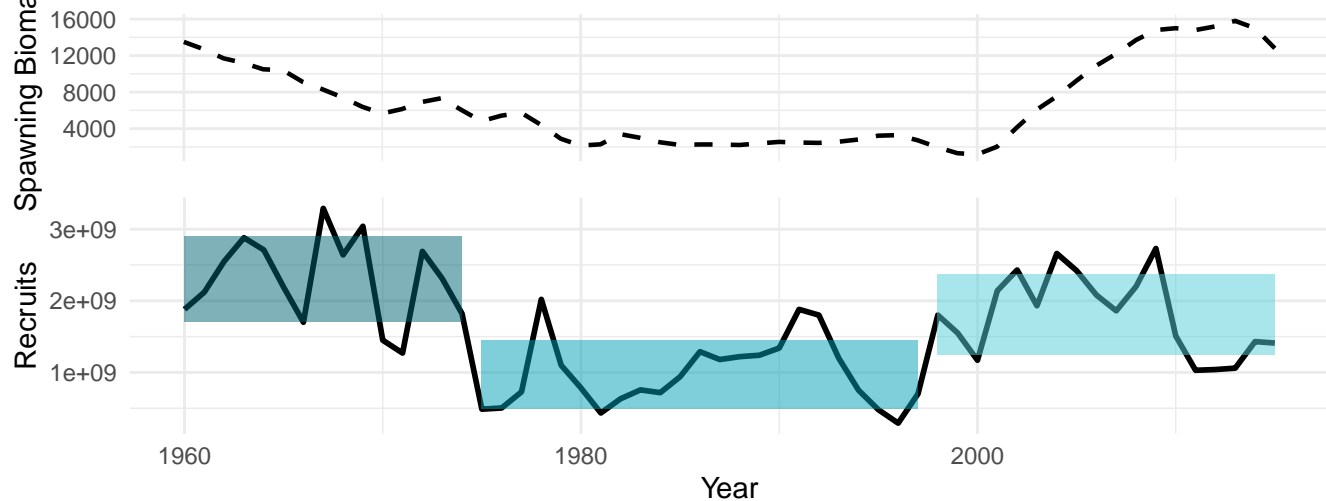


Nylon shrimp

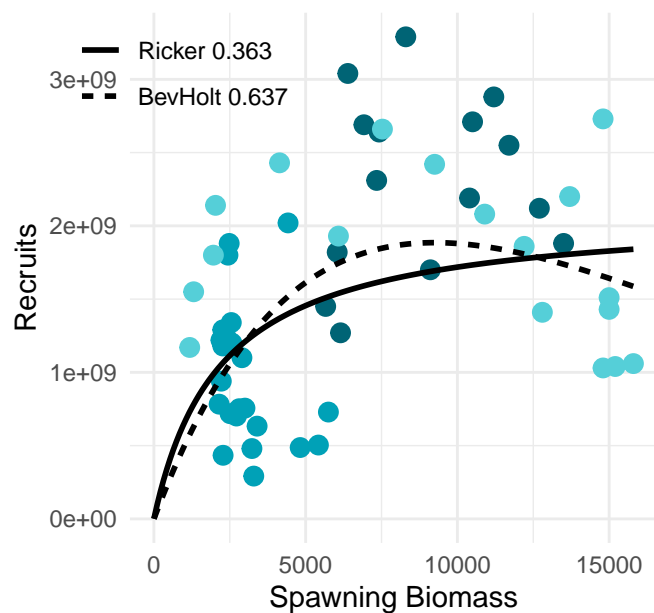
Heterocarpus reedi

Area ID: Chile-SUBPESCA-CH-CS

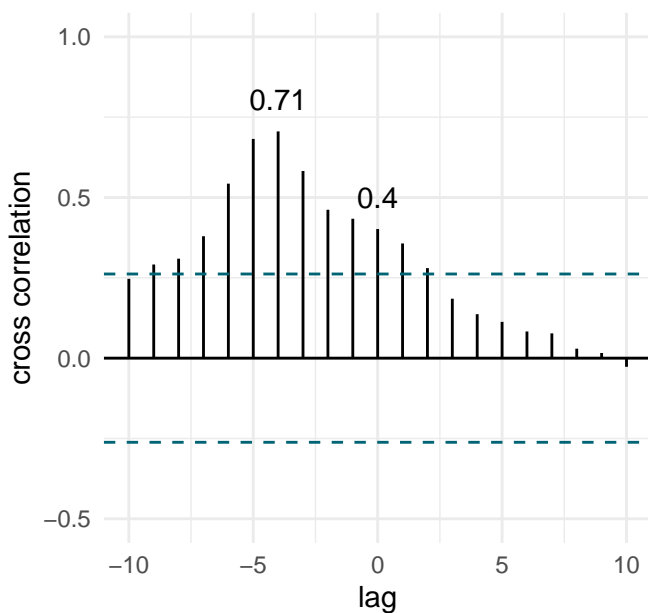
(a)



(b)



(c)

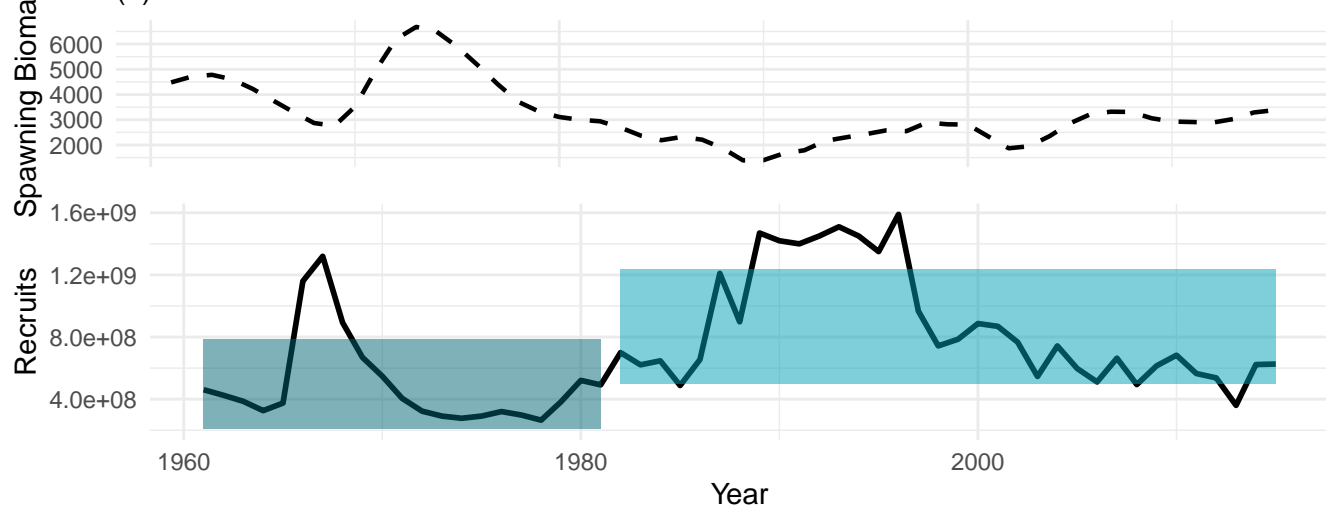


Nylon shrimp

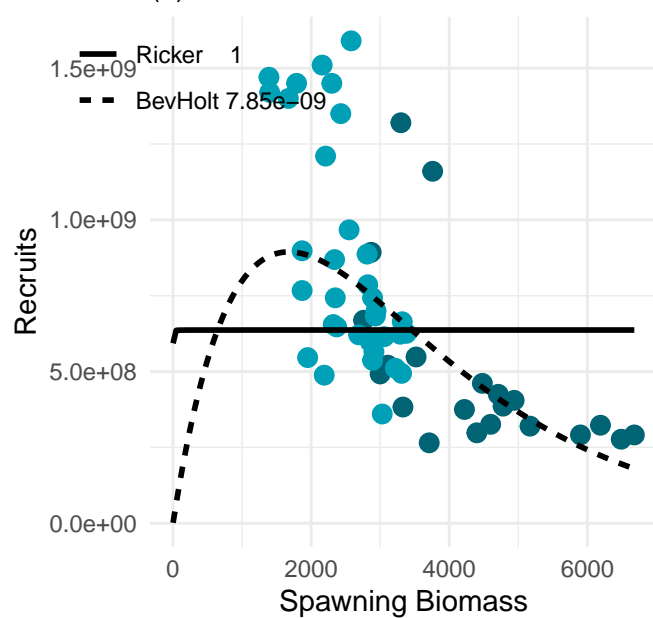
Heterocarpus reedi

Area ID: Chile-SUBPESCA-CH-N

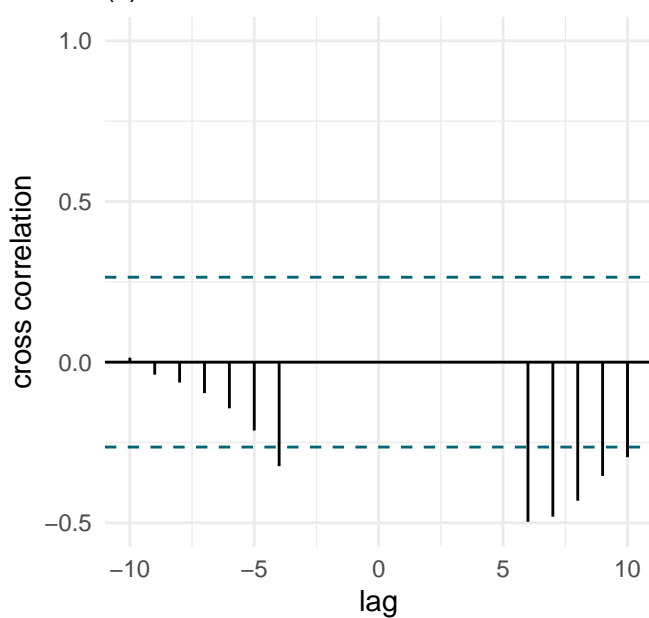
(a)



(b)



(c)

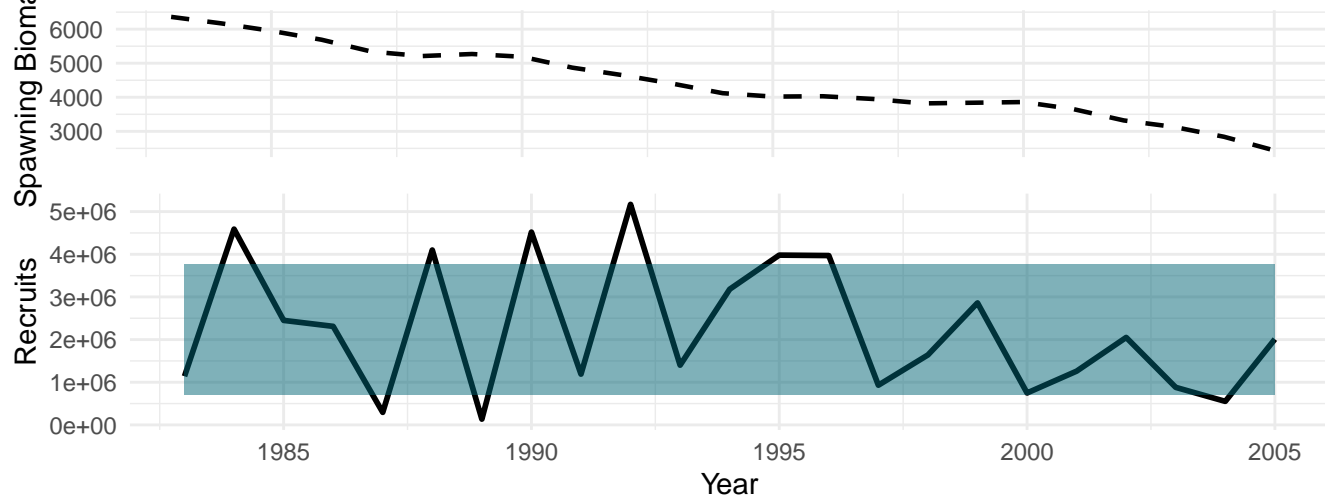


Ling

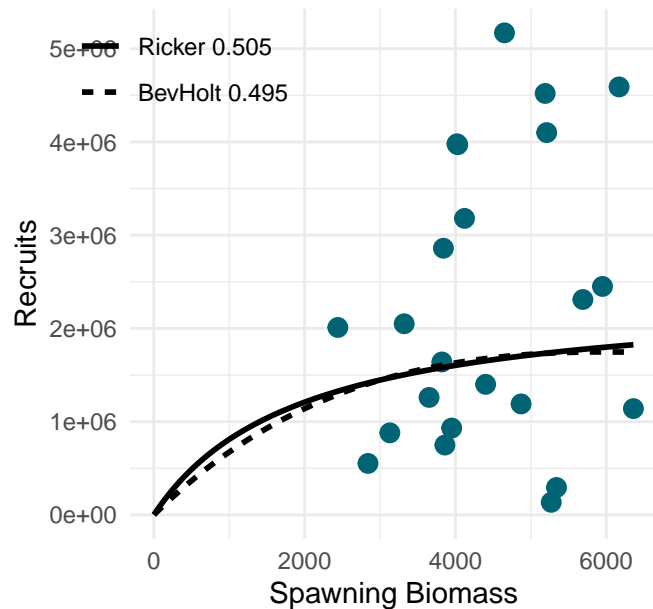
Genypterus blacodes

Area ID: Australia-AFMA-SE

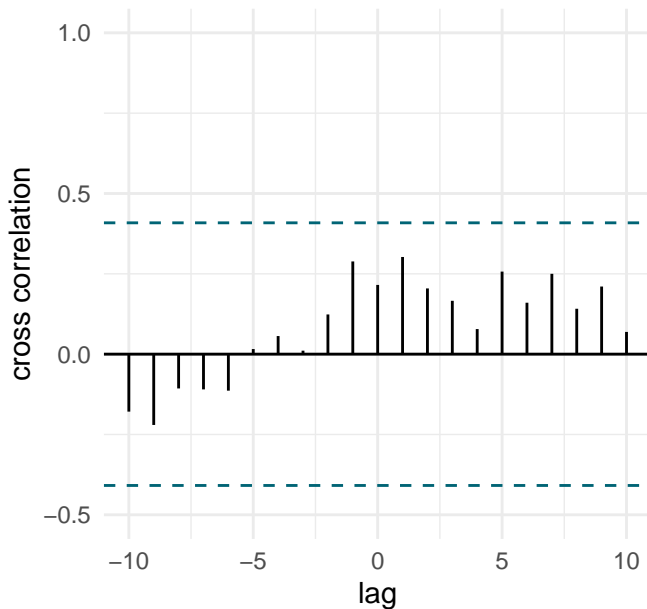
(a)



(b)



(c)

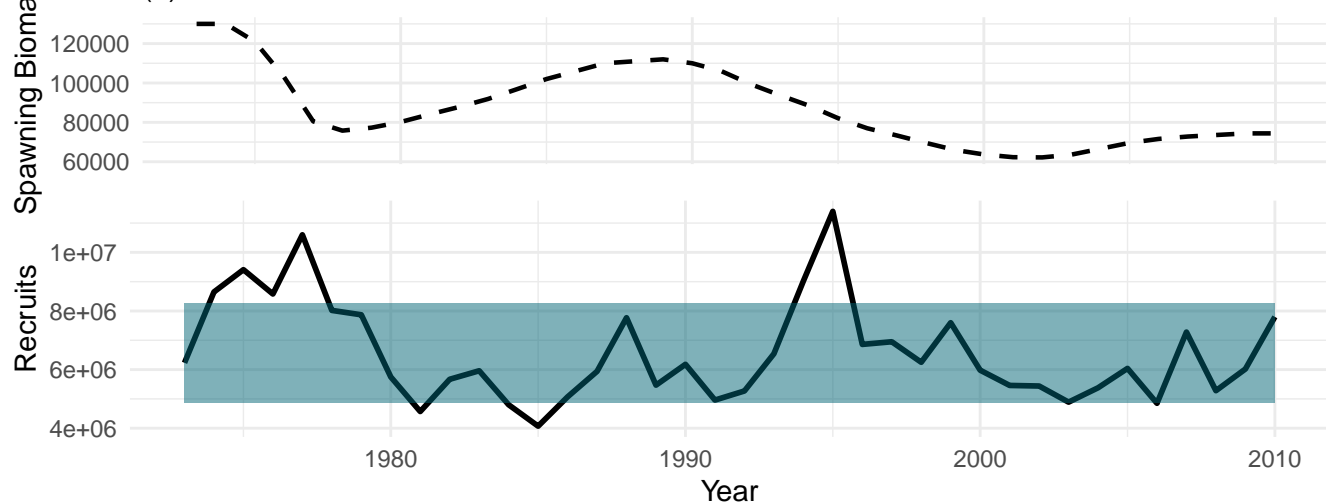


Ling

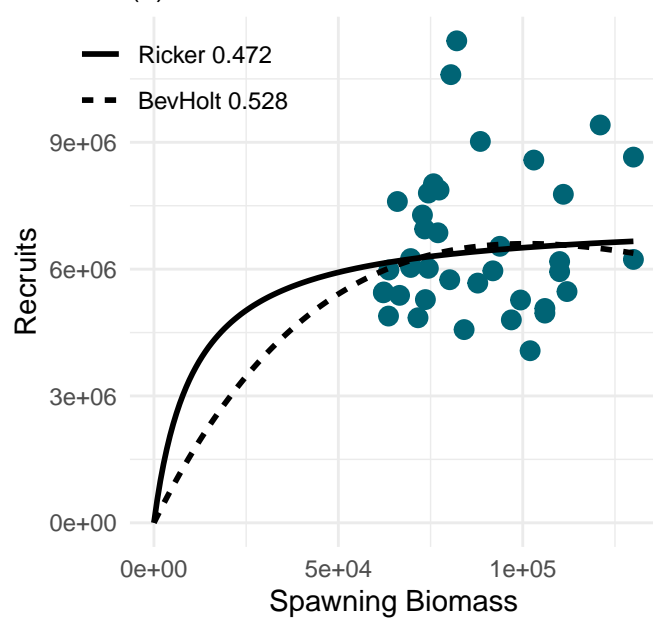
Genypterus blacodes

Area ID: New Zealand-MFish-LIN3-4

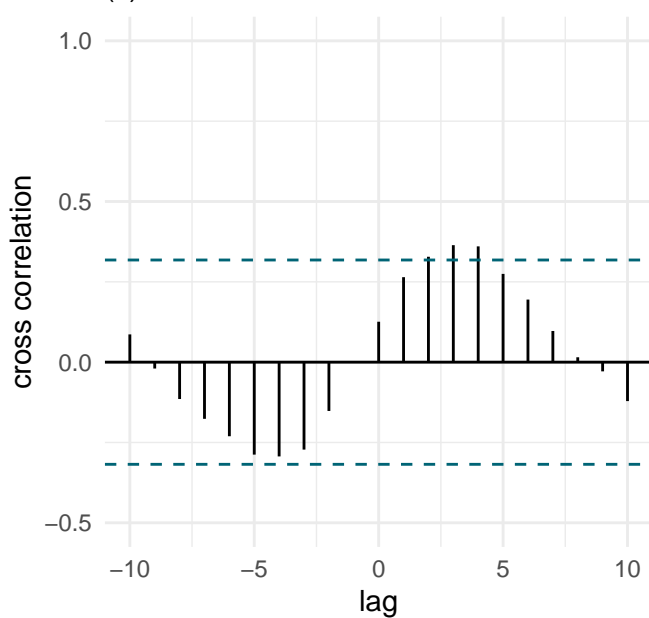
(a)



(b)



(c)

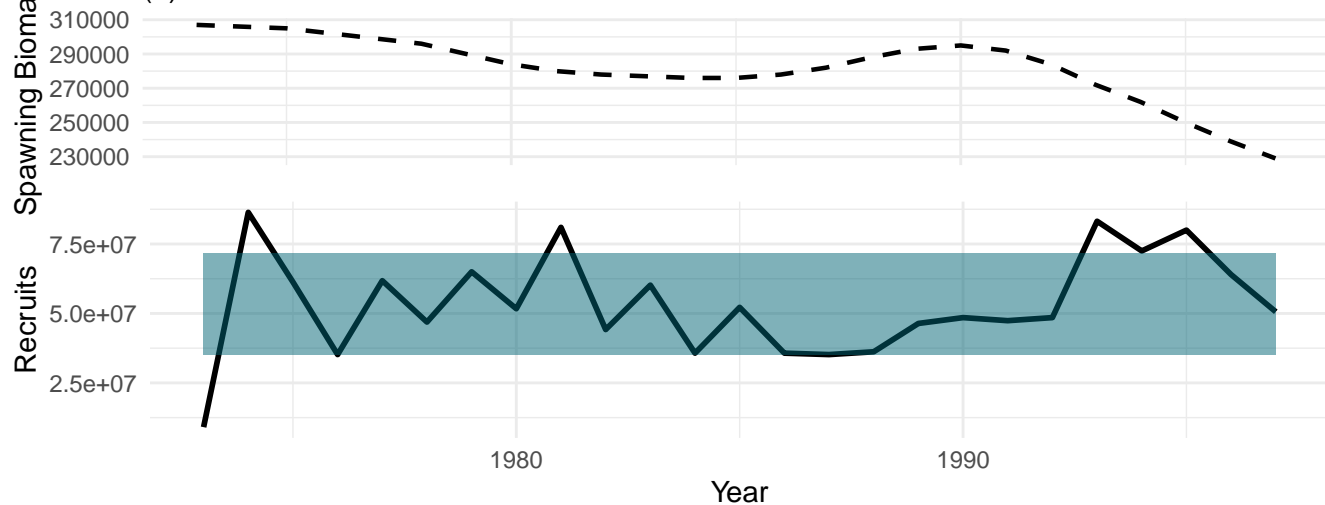


Ling

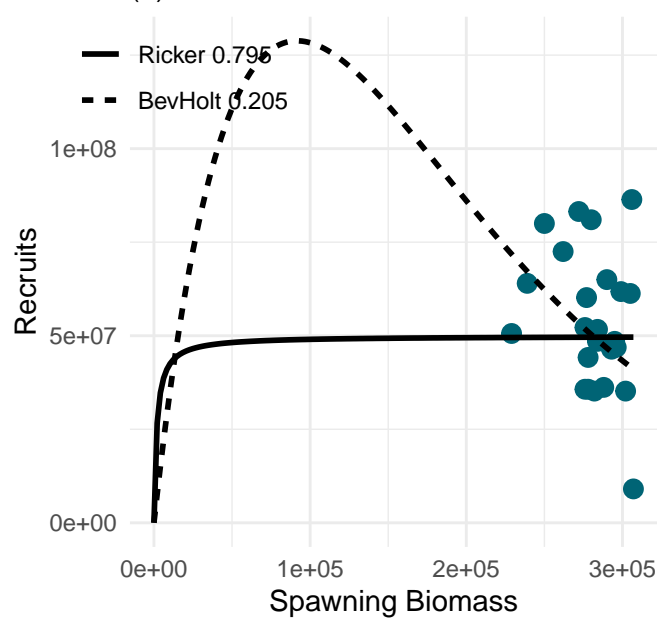
Genypterus blacodes

Area ID: New Zealand-MFish-LIN5-6

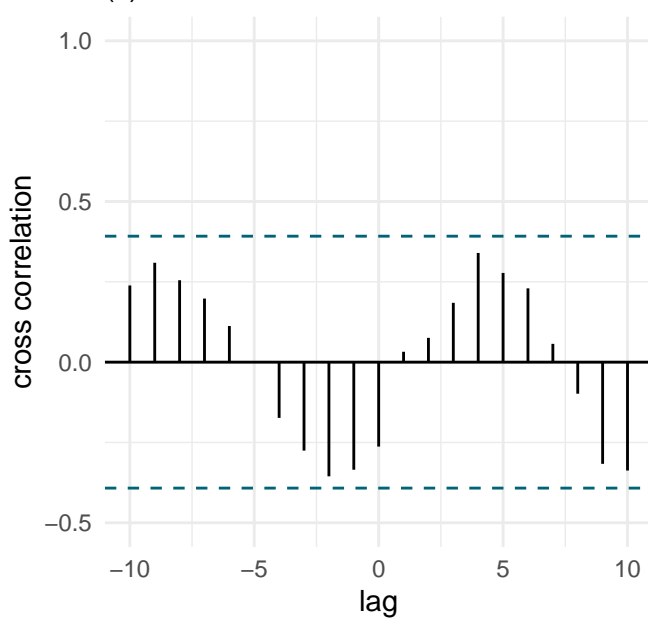
(a)



(b)



(c)

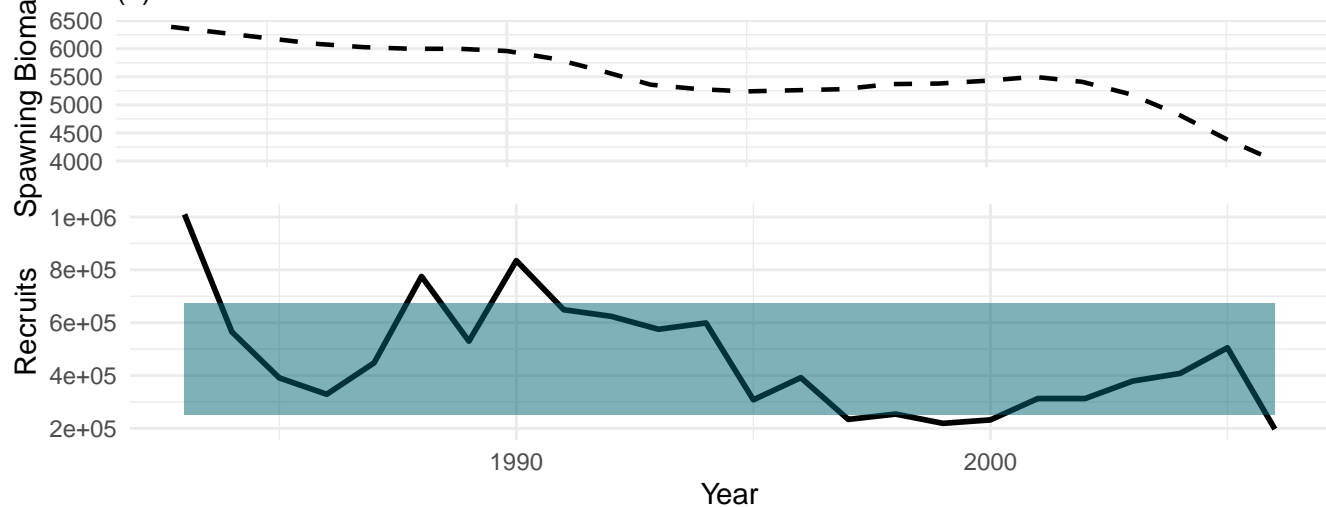


Ling

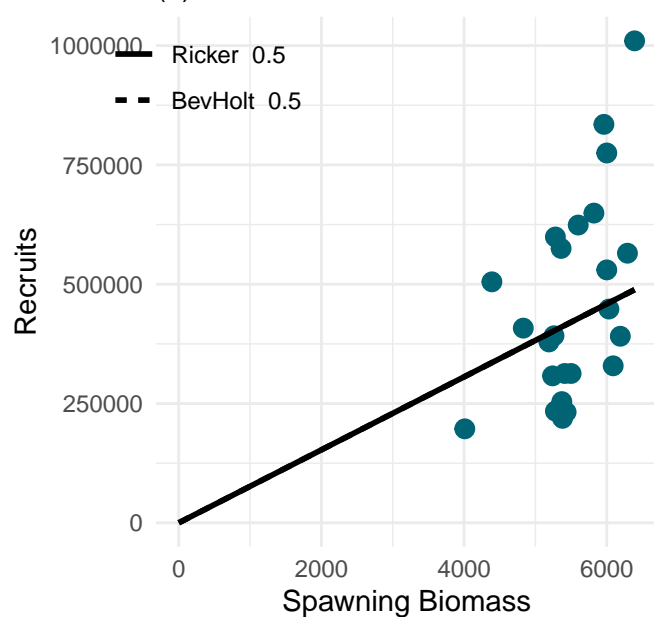
Genypterus blacodes

Area ID: New Zealand-MFish-LIN72

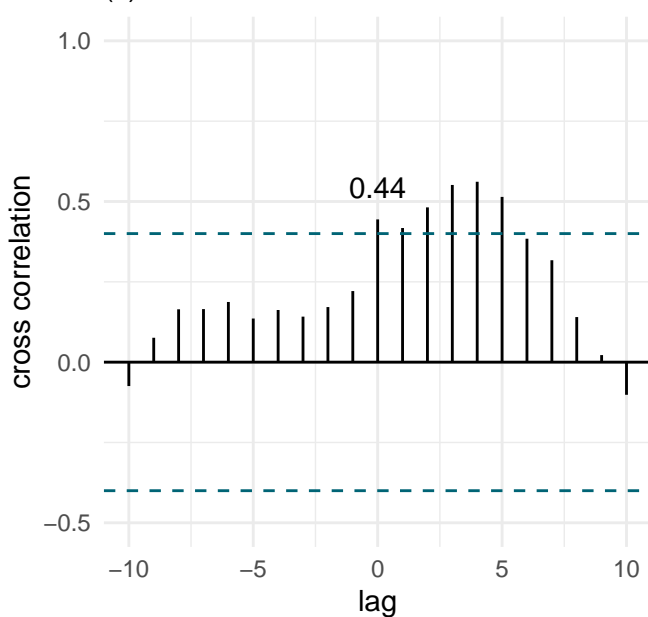
(a)



(b)



(c)

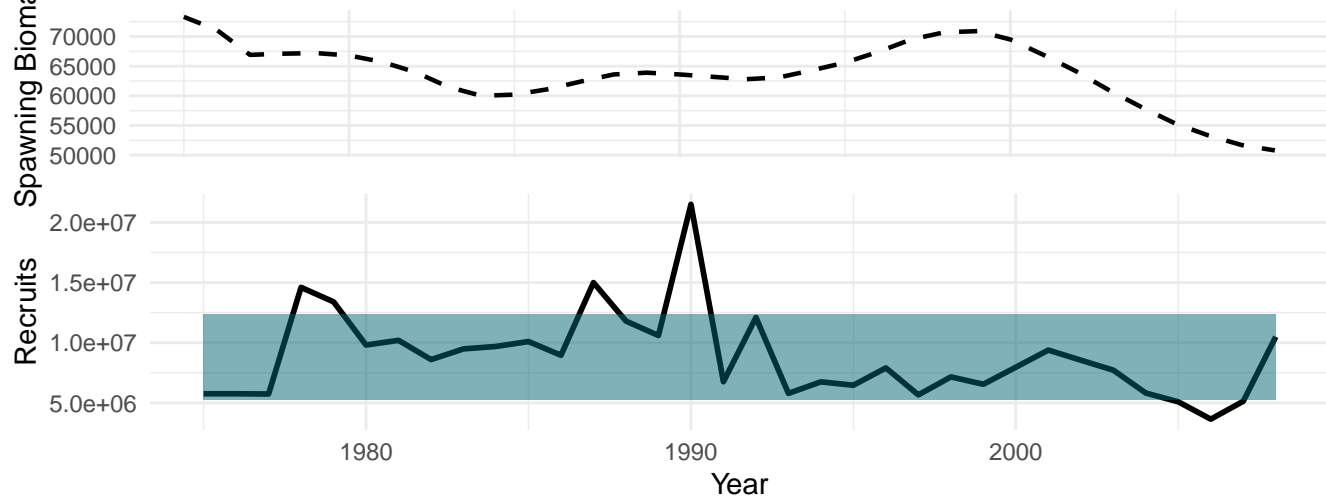


Ling

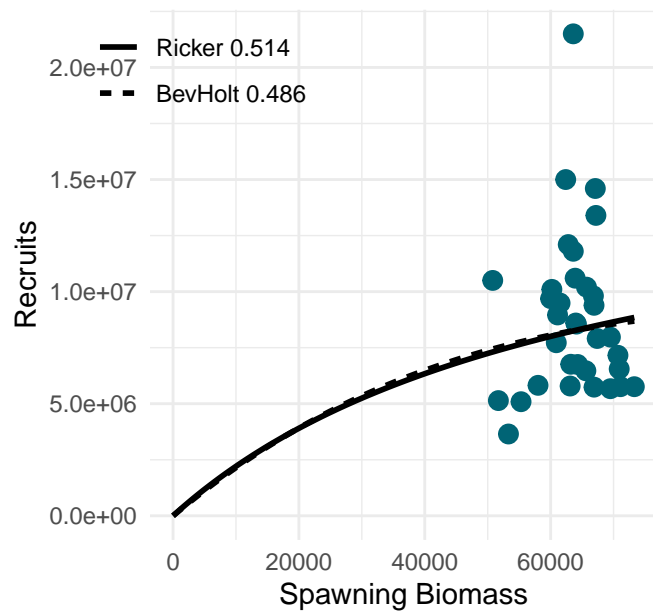
Genypterus blacodes

Area ID: New Zealand-MFish-LIN7WC-WCSI

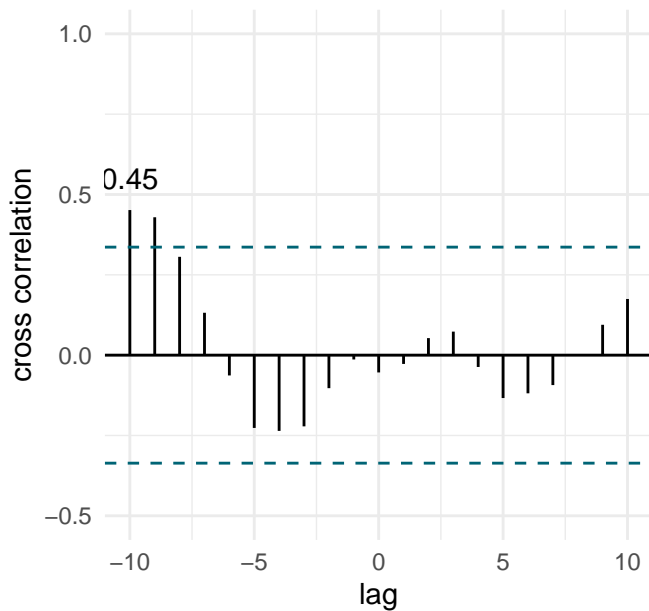
(a)



(b)



(c)

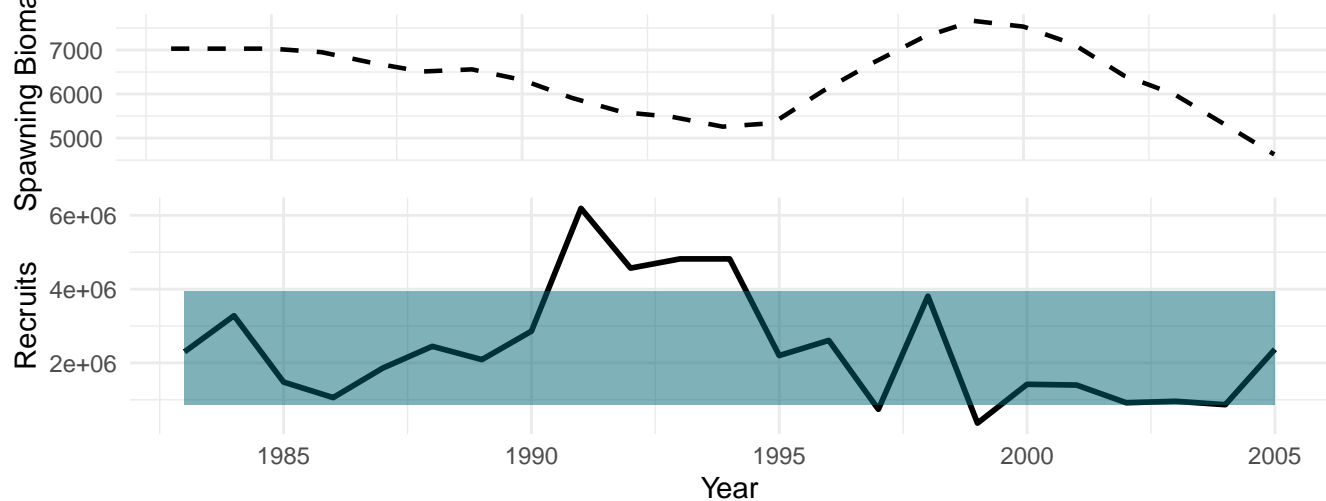


Ling

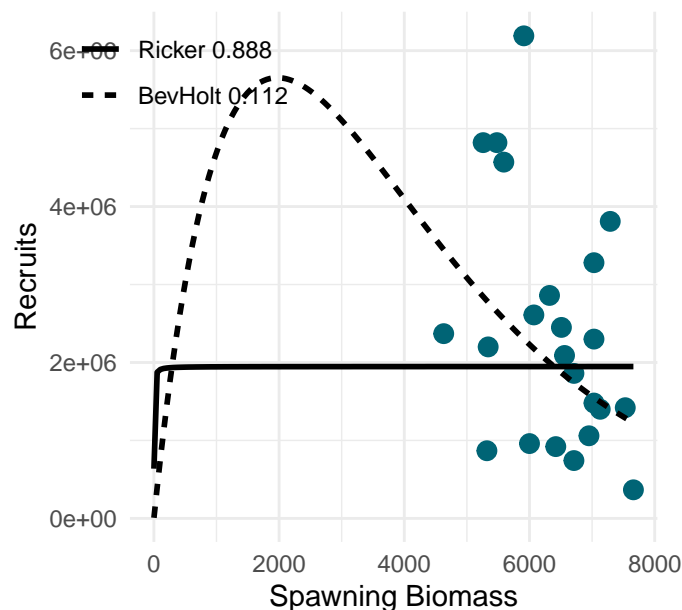
Genypterus blacodes

Area ID: Australia-AFMA-WSE

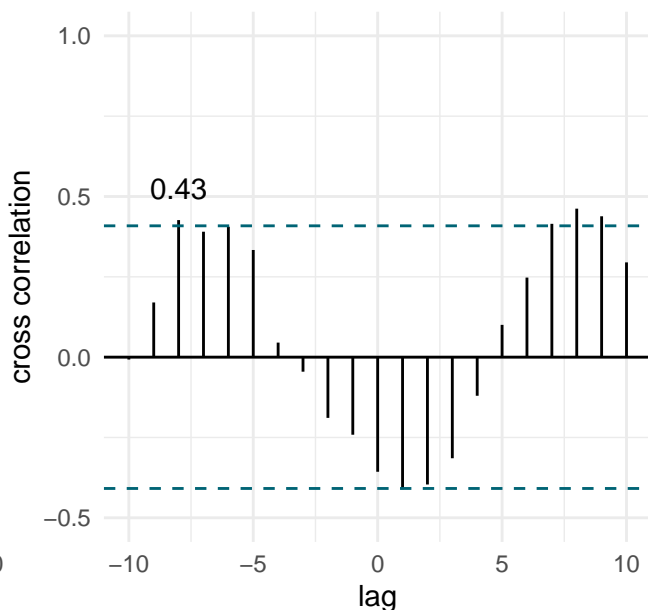
(a)



(b)



(c)

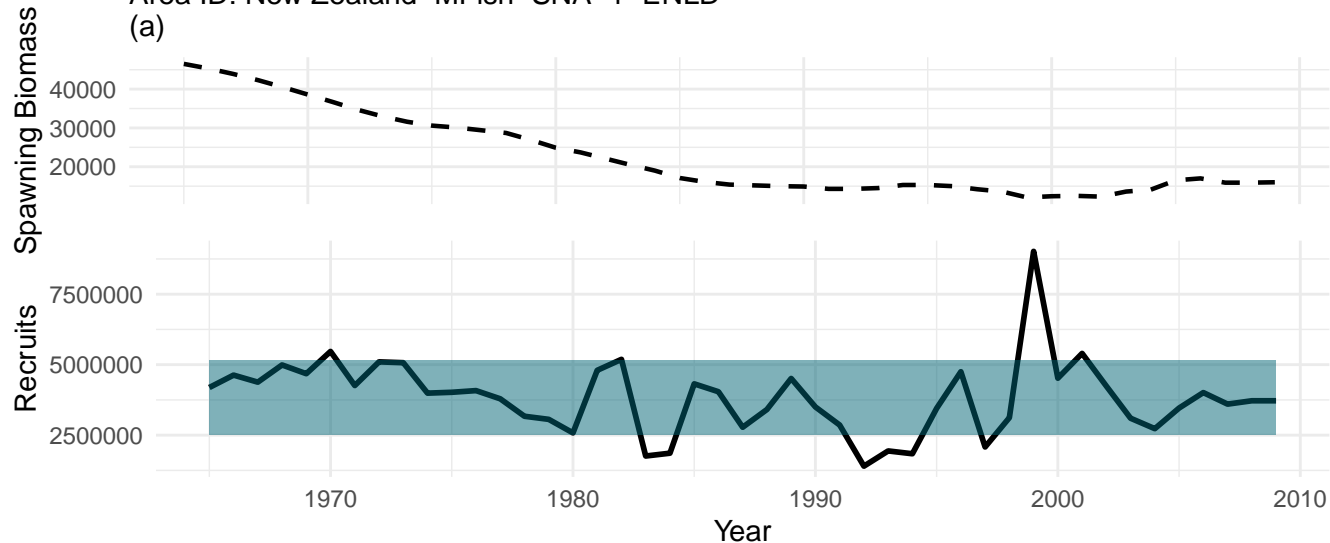


New Zealand snapper

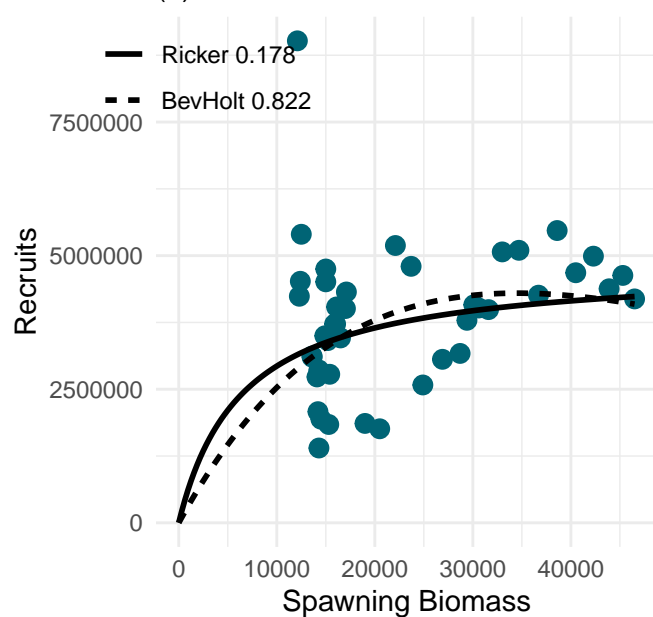
Chrysophrys auratus

Area ID: New Zealand-MFish-SNA-1-ENLD

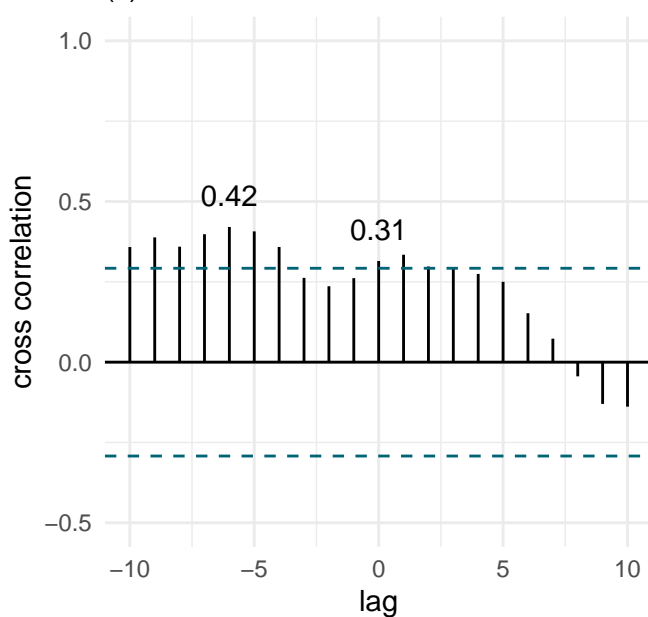
(a)



(b)



(c)

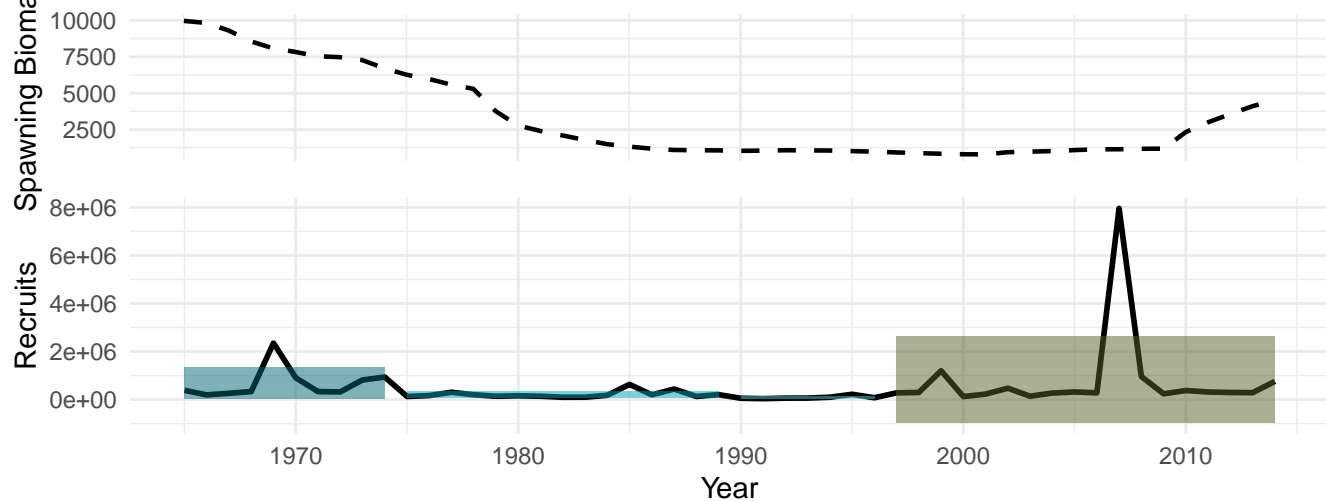


New Zealand snapper

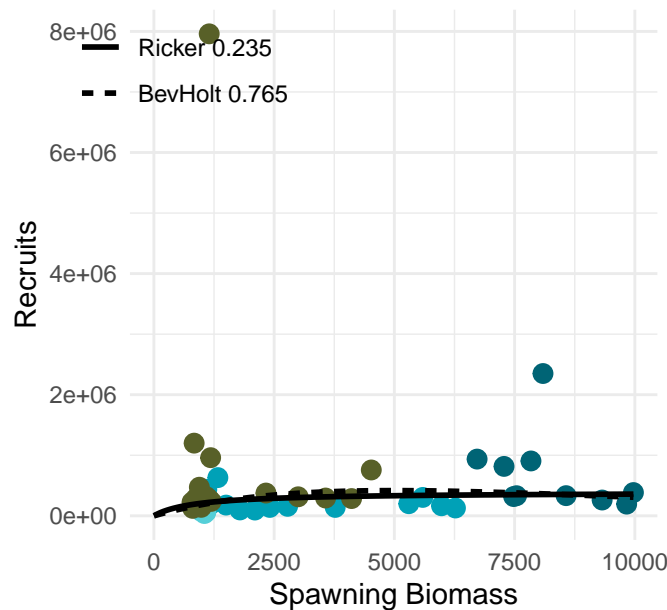
Chrysophrys auratus

Area ID: New Zealand-MFish-SNA-7

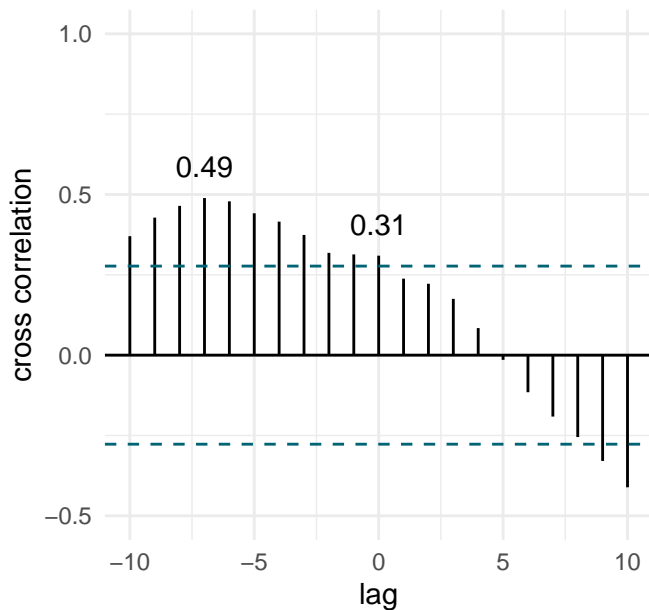
(a)



(b)



(c)

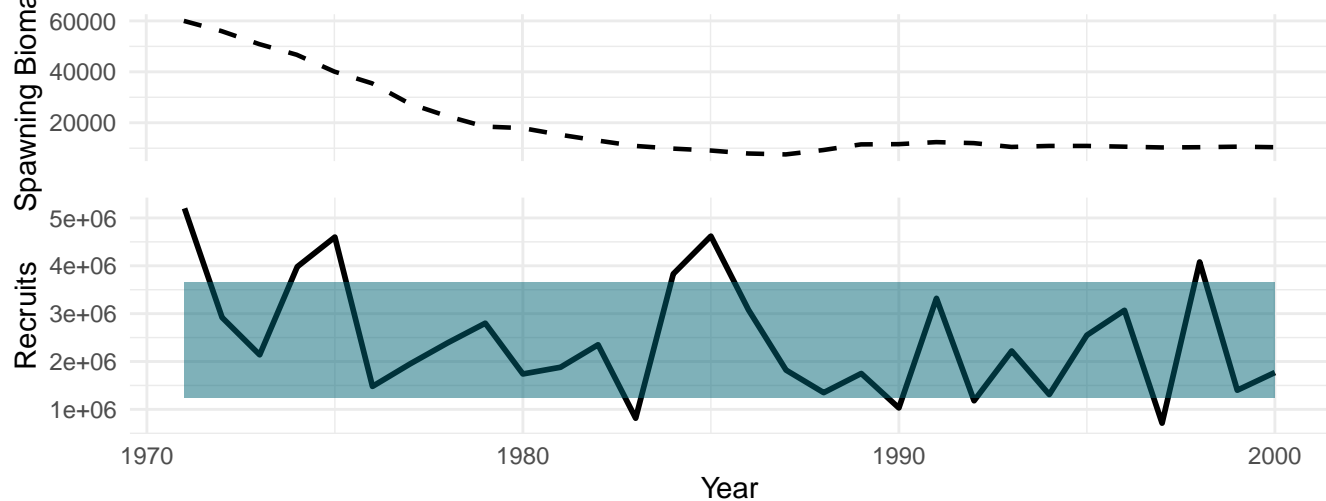


New Zealand snapper

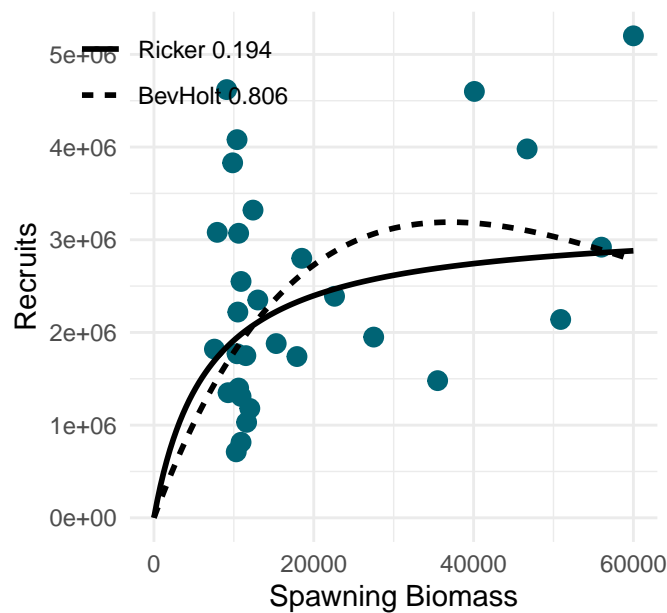
Chrysophrys auratus

Area ID: New Zealand-MFish-8

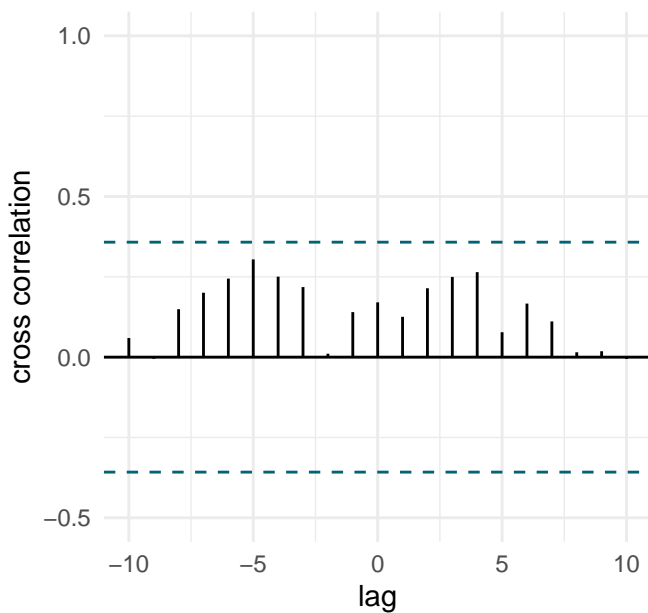
(a)



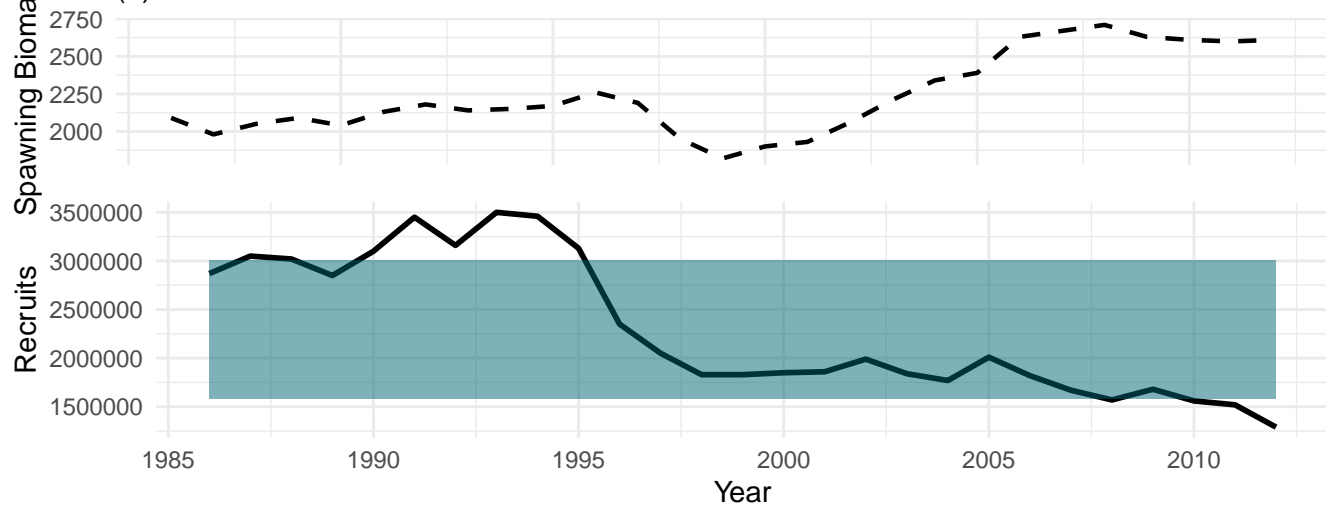
(b)



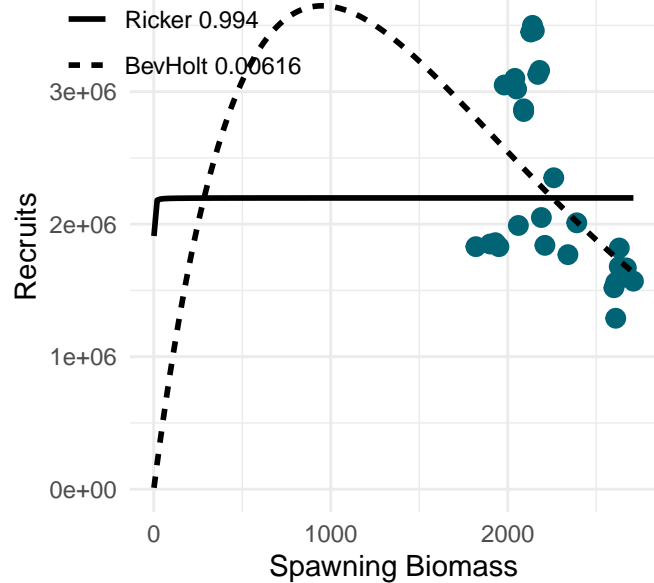
(c)



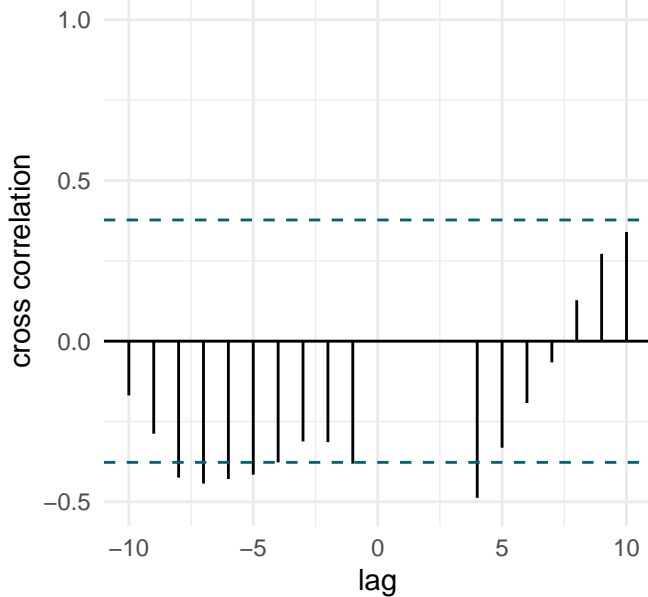
Japanese flounder
Paralichthys olivaceus
Area ID: Japan-FAJ-ECS
(a)



(b)



(c)

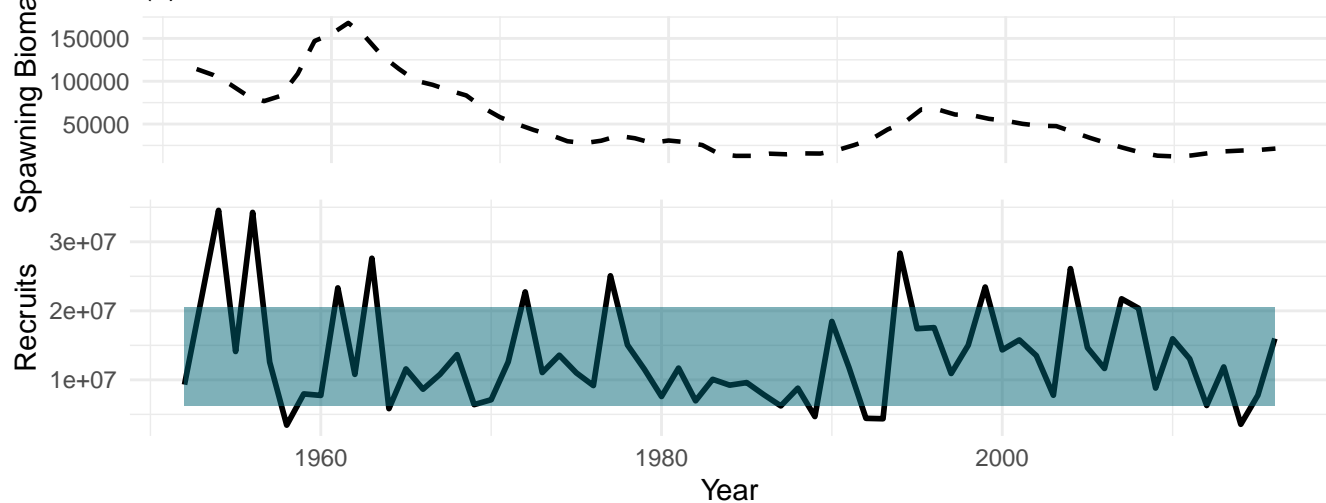


Pacific bluefin tuna

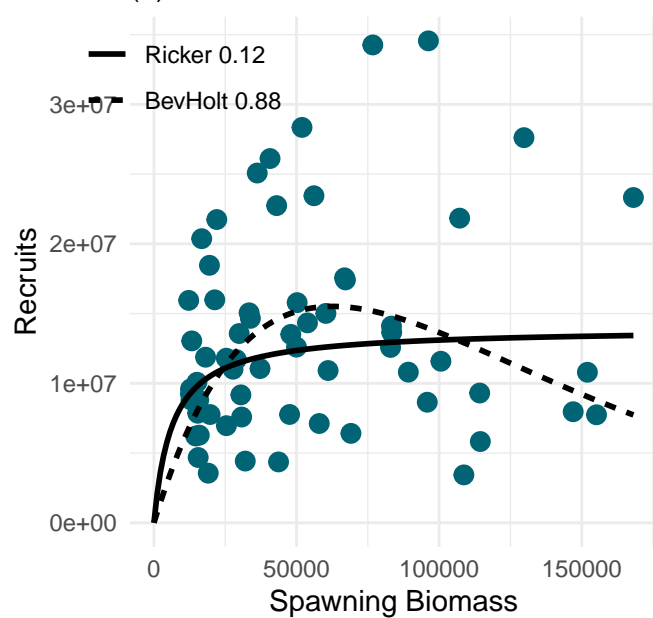
Thunnus orientalis

Area ID: multinational-ISC-PAC

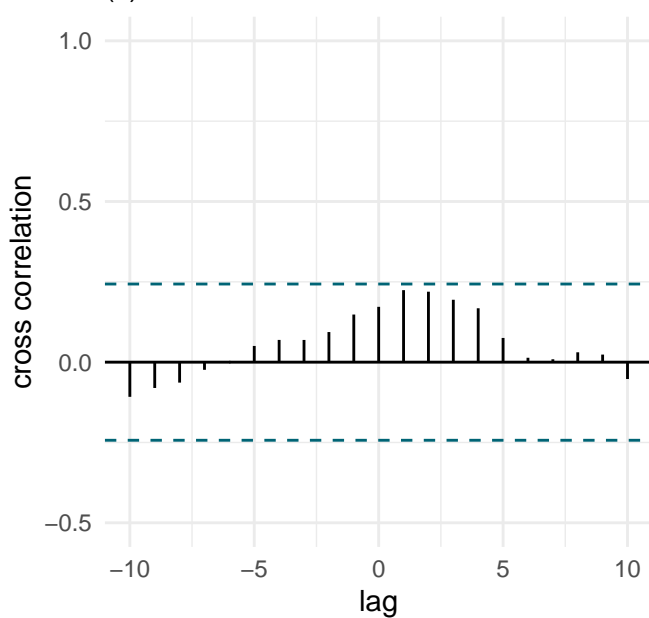
(a)



(b)



(c)

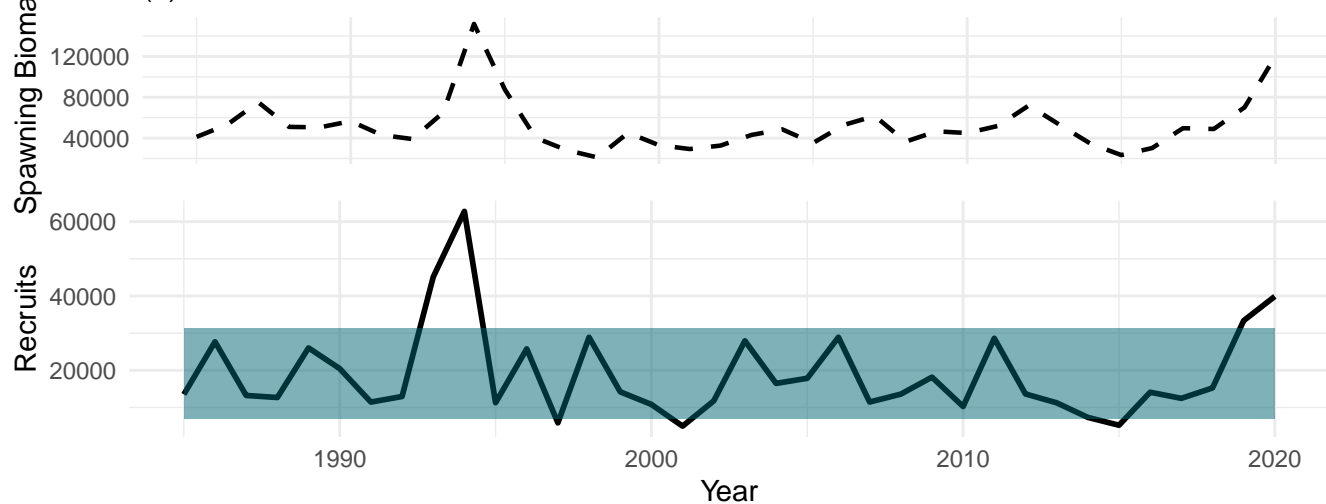


Peruvian anchoveta

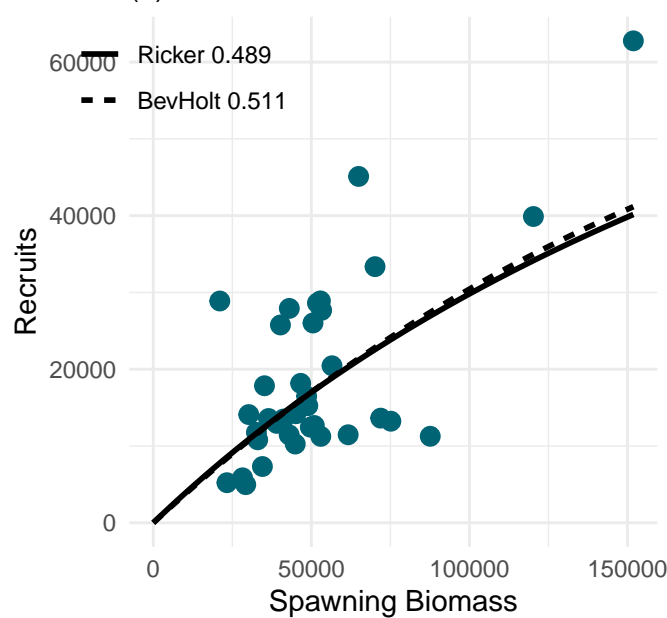
Engraulis ringens

Area ID: Chile-SUBPESCA-CH-C

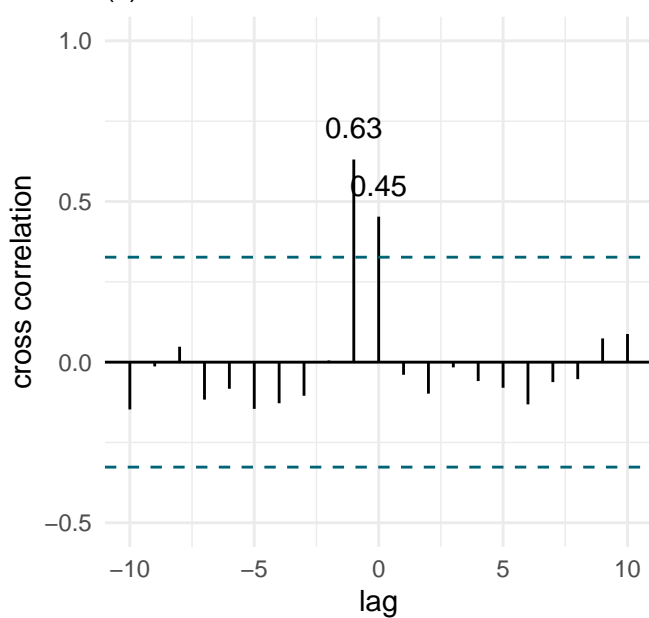
(a)



(b)



(c)

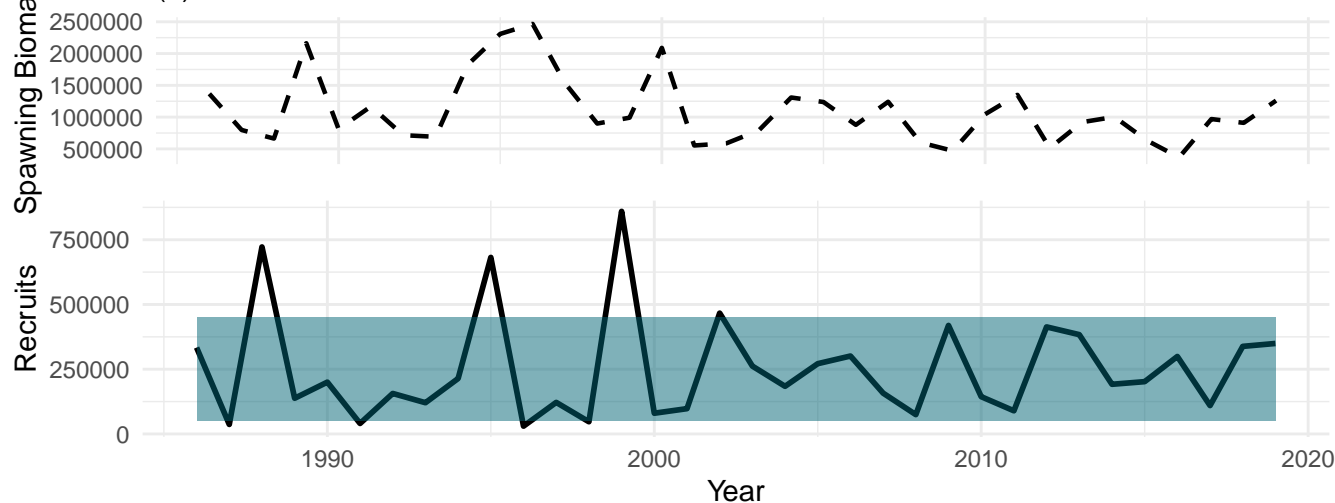


Peruvian anchoveta

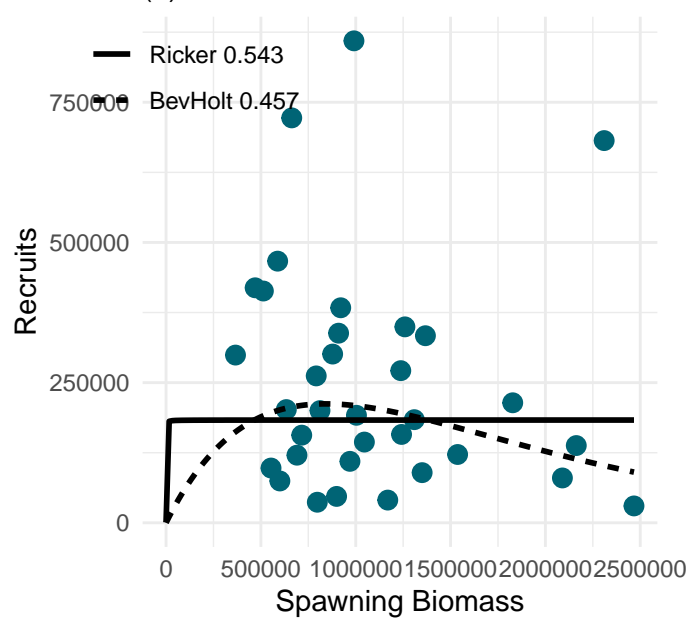
Engraulis ringens

Area ID: Chile-SUBPESCA-NCH-SP

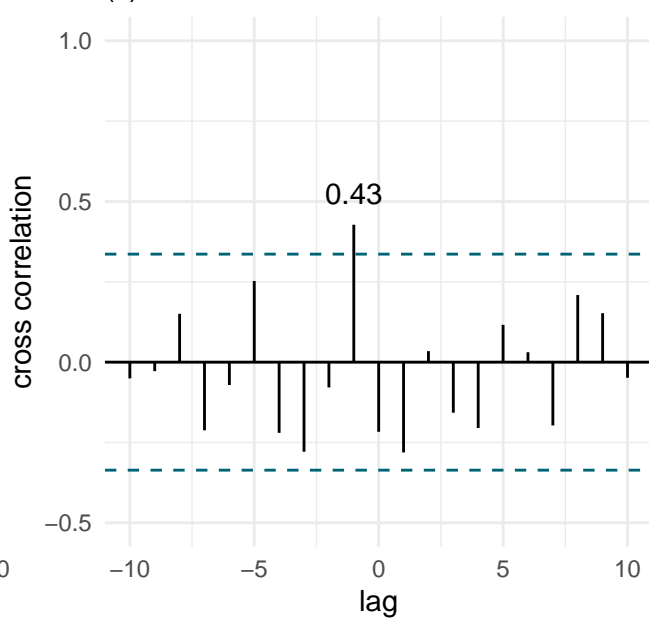
(a)



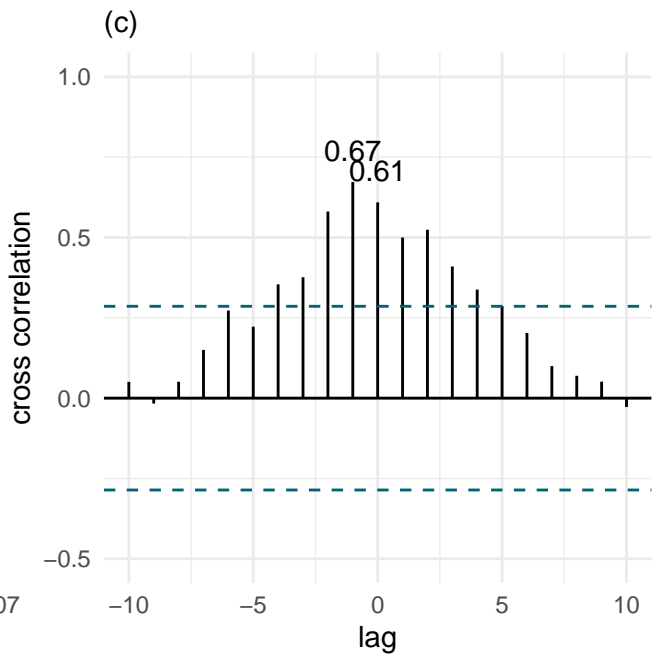
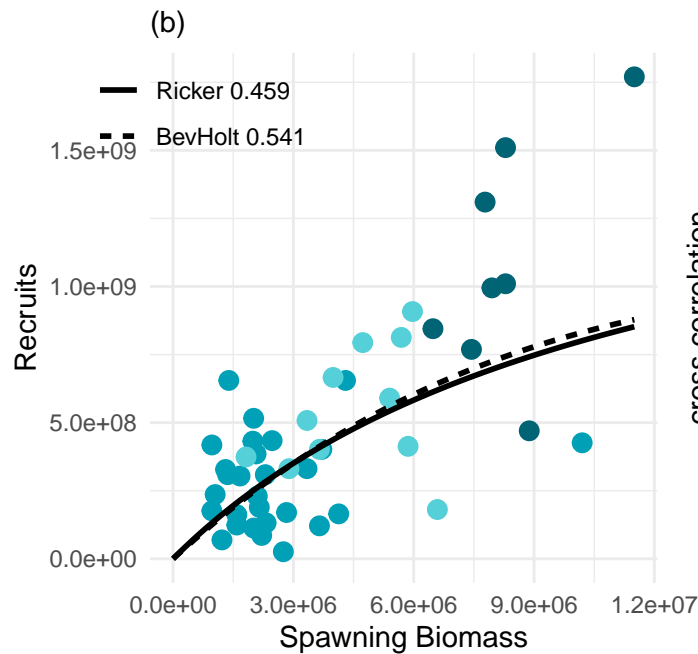
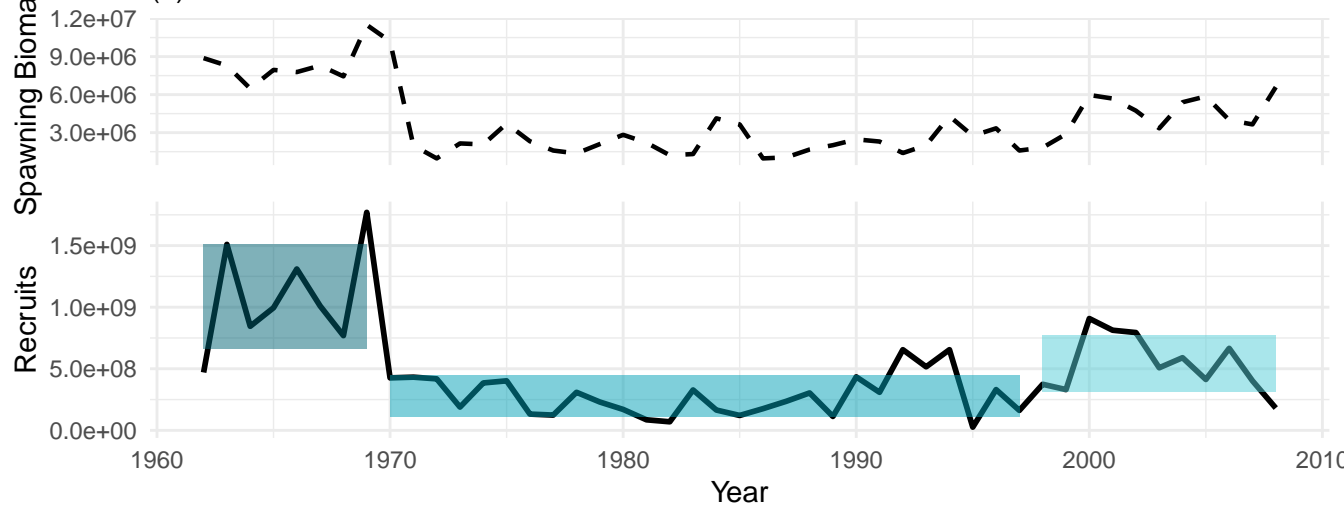
(b)



(c)



Peruvian anchoveta
Engraulis ringens
Area ID: Peru-IMARPE-NC
(a)

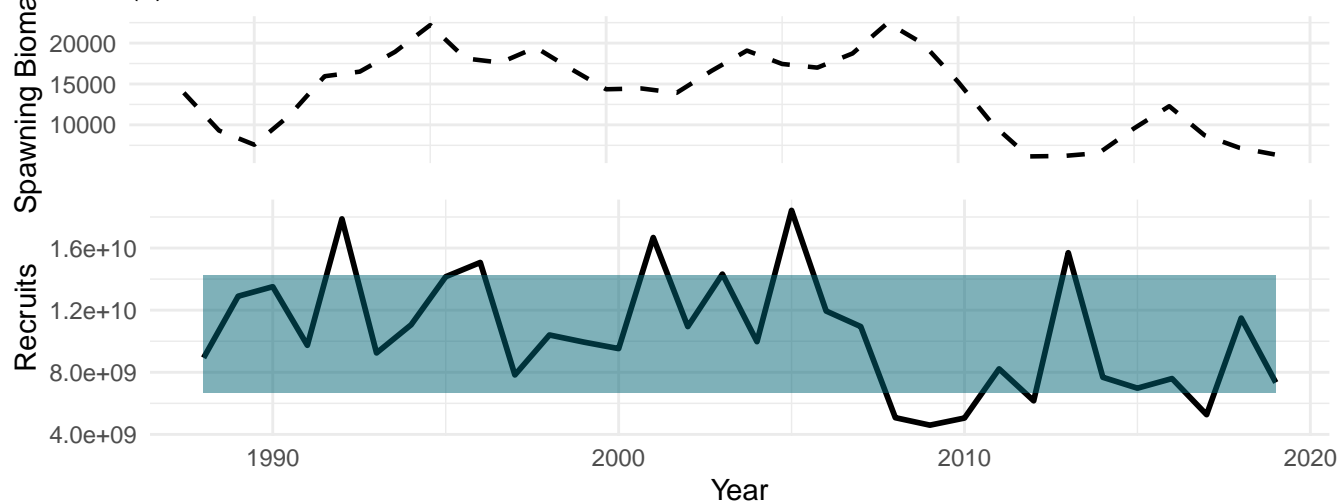


Northern shrimp

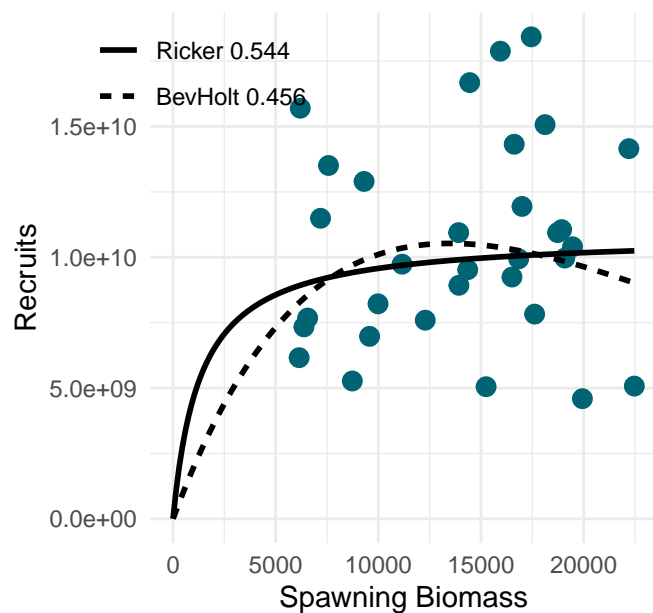
Pandalus borealis

Area ID: multinational-ICES-IIIaW-IVaE

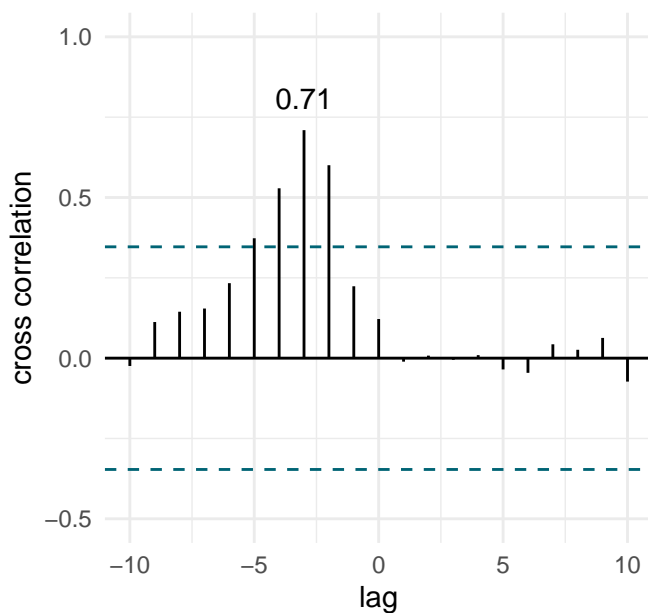
(a)



(b)



(c)

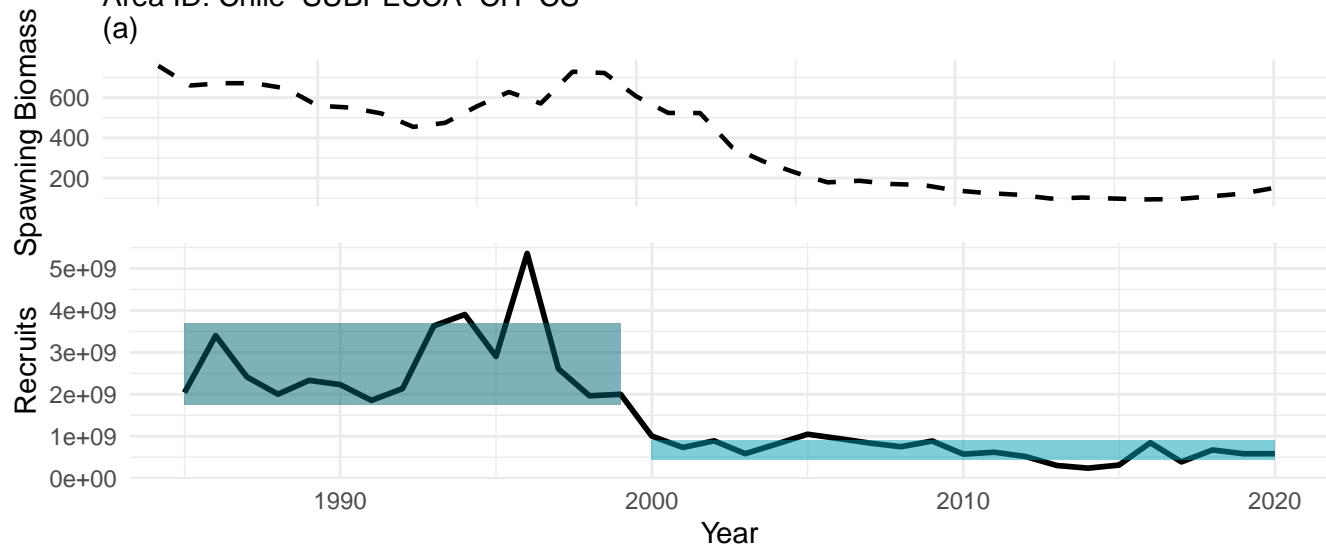


Patagonian grenadier

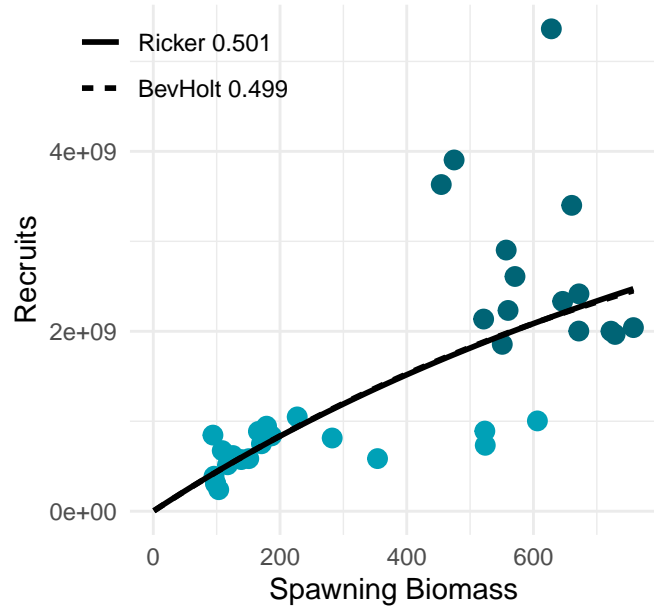
Macrurus magellanicus

Area ID: Chile-SUBPESCA-CH-CS

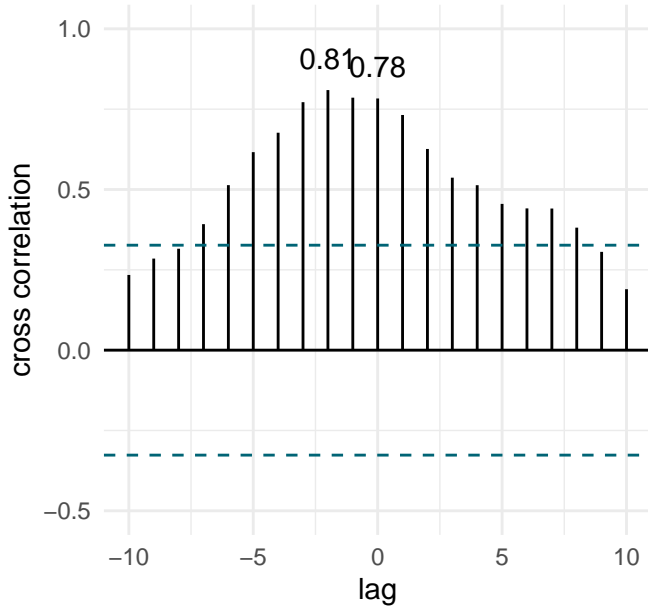
(a)



(b)



(c)

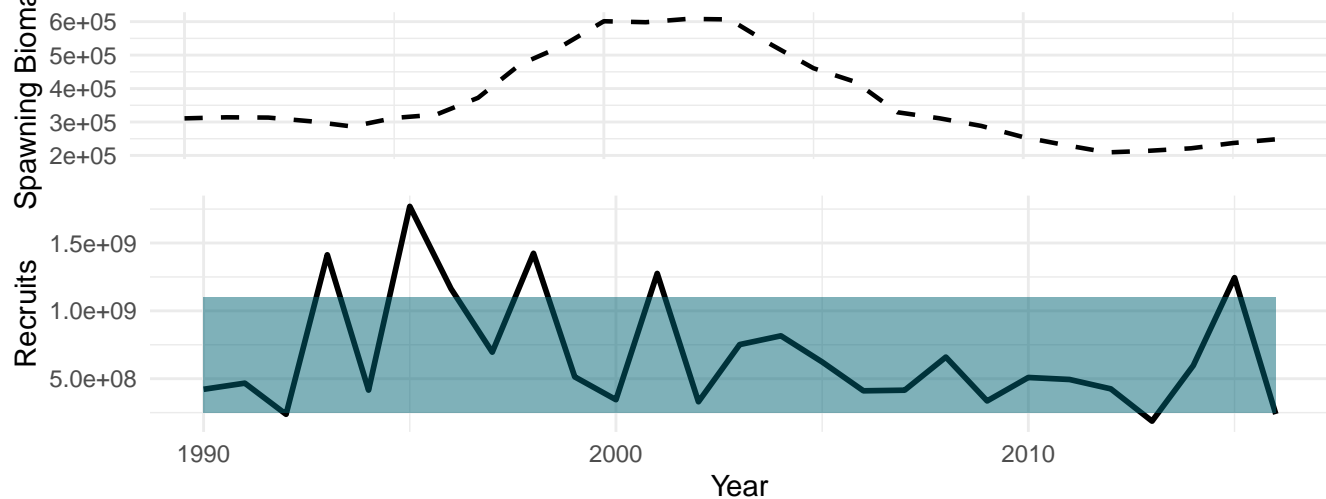


Patagonian grenadier

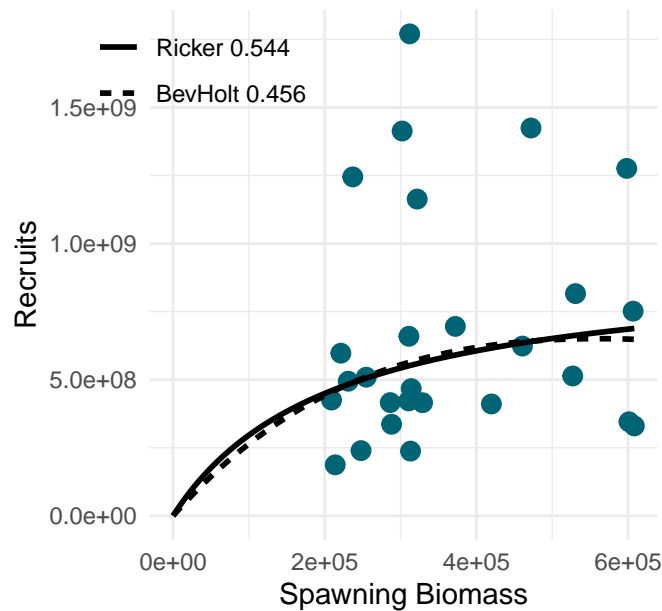
Macrurus magellanicus

Area ID: Argentina-CFP-ARG-S

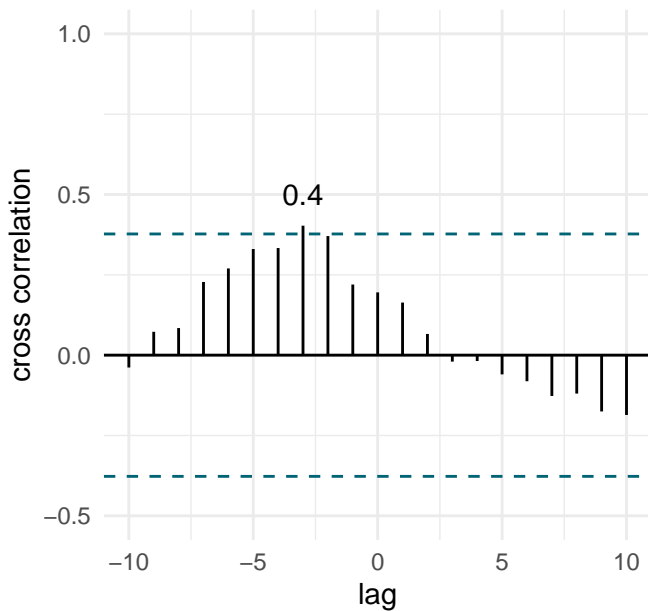
(a)



(b)



(c)

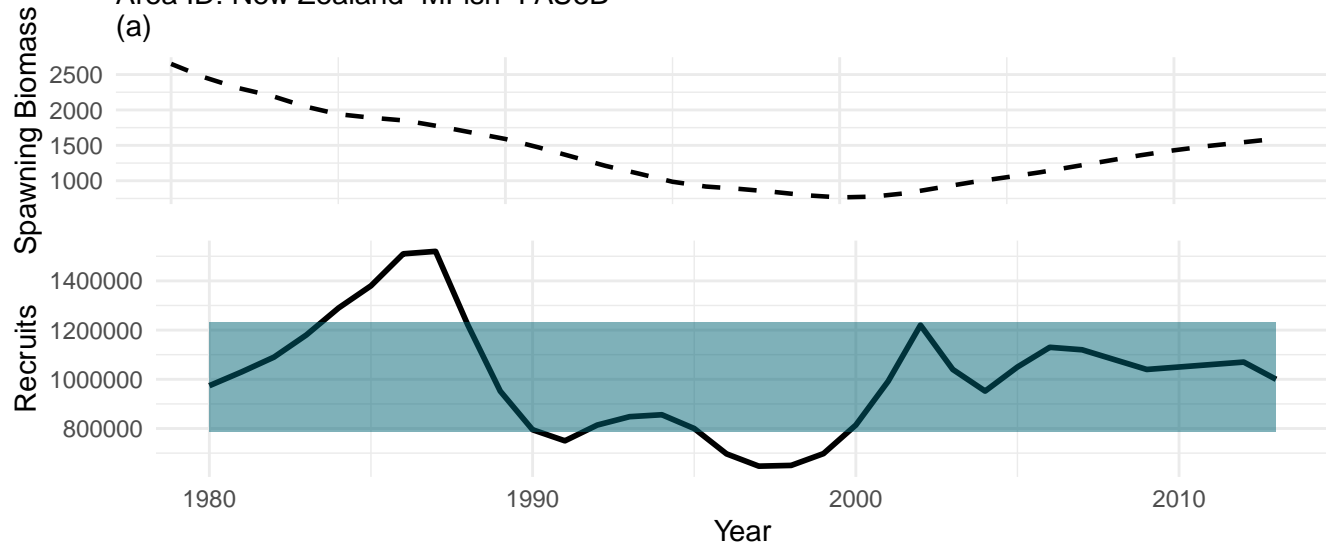


Paua

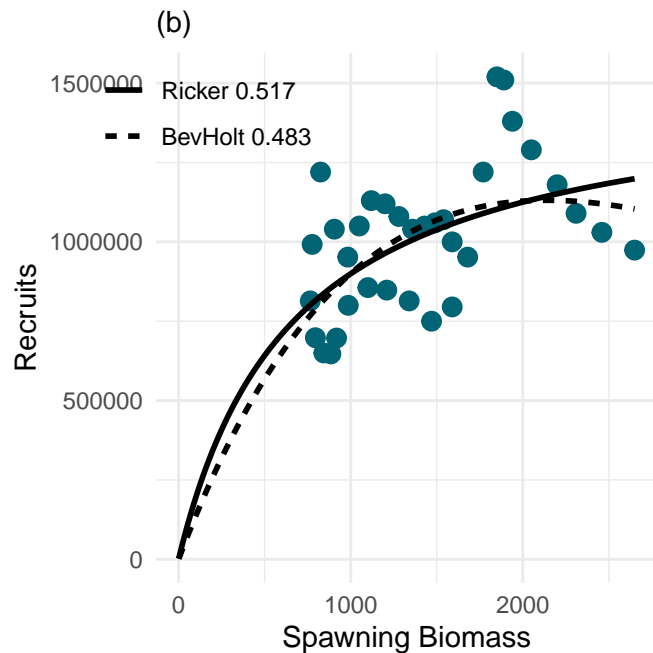
Haliotis iris

Area ID: New Zealand-MFish-PAU5B

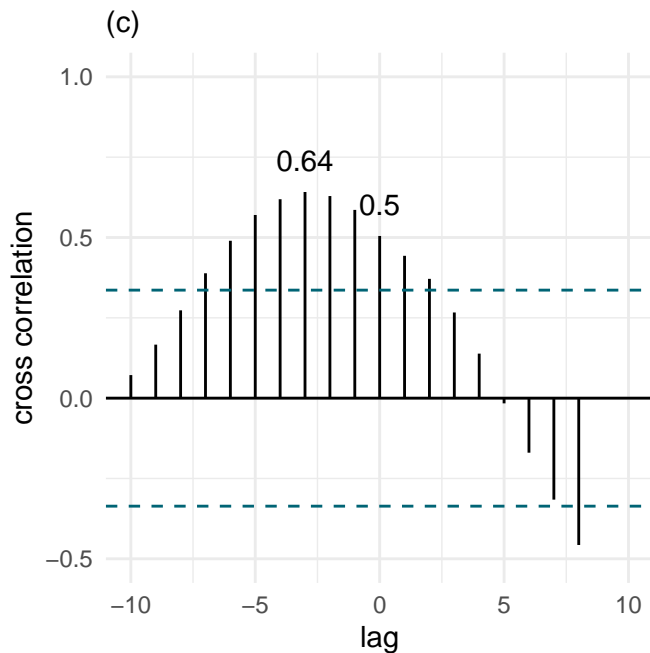
(a)



(b)



(c)

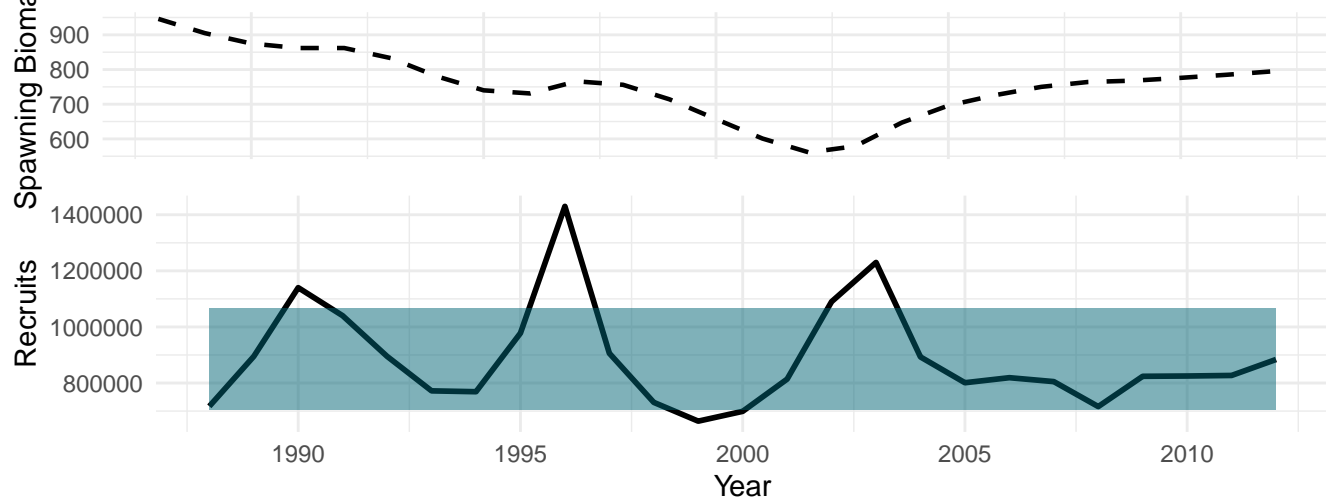


Paau

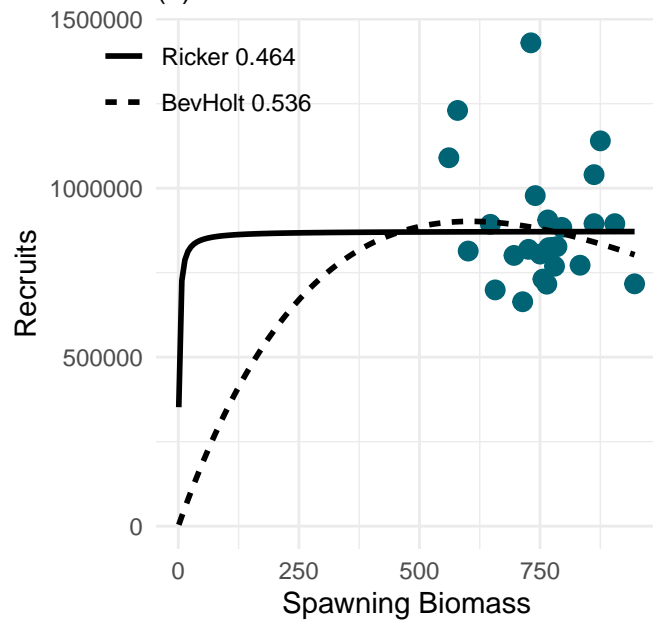
Haliotis iris

Area ID: New Zealand-MFish-PAU5D

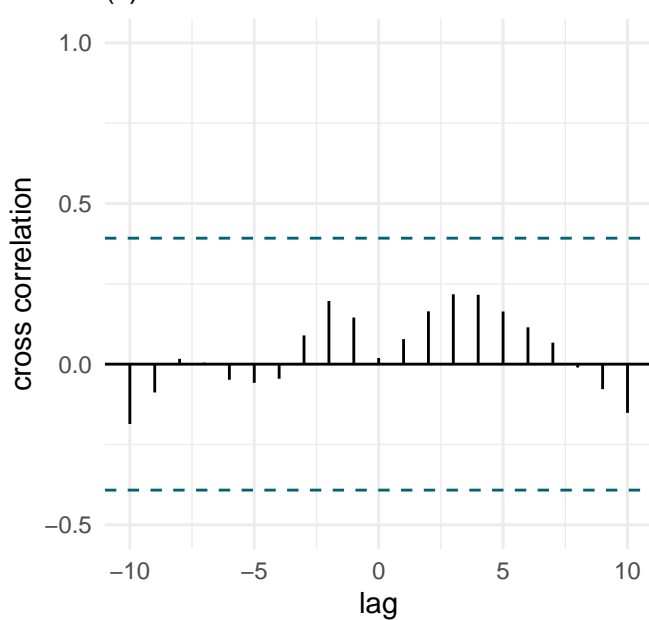
(a)



(b)



(c)

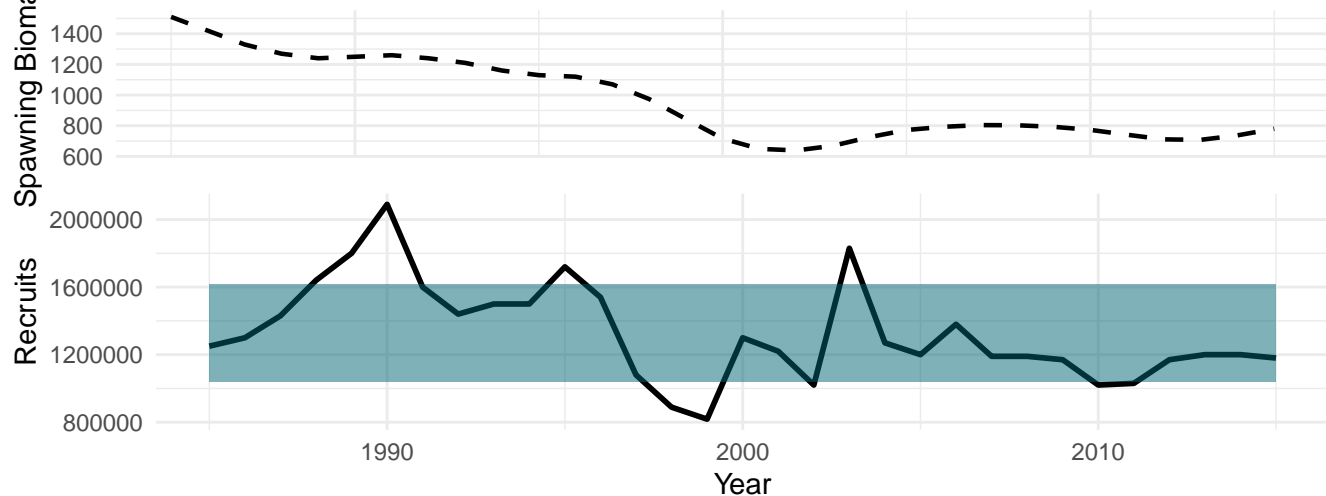


Paua

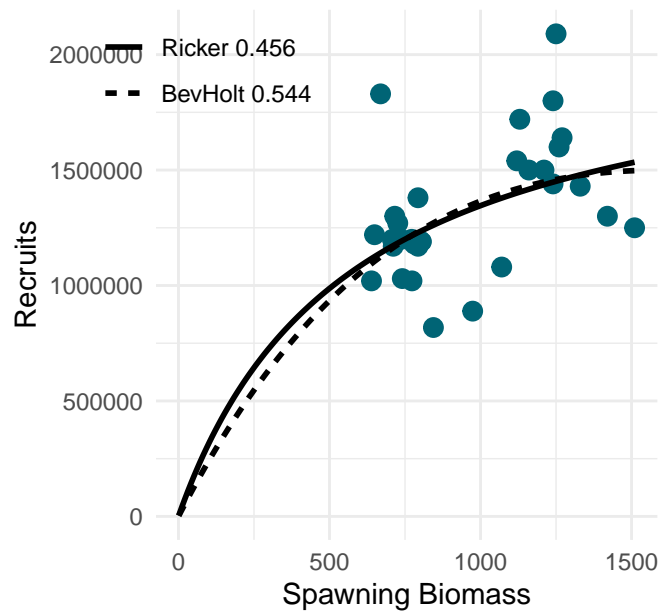
Haliotis iris

Area ID: New Zealand-MFish-PAU7

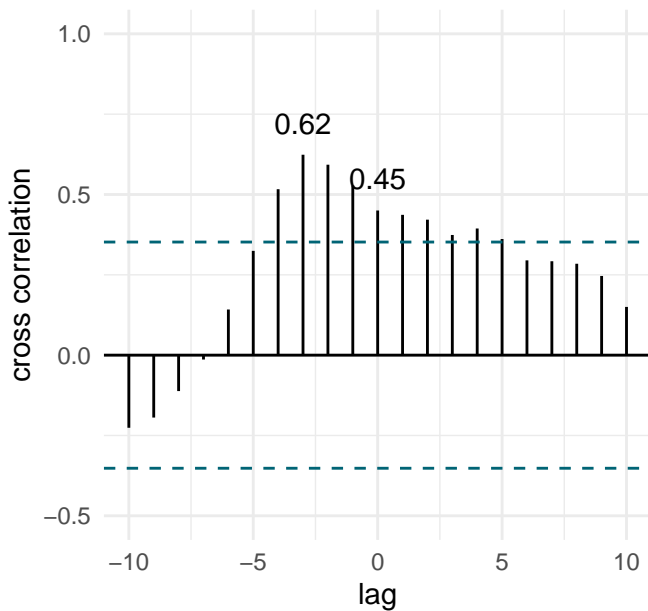
(a)



(b)



(c)

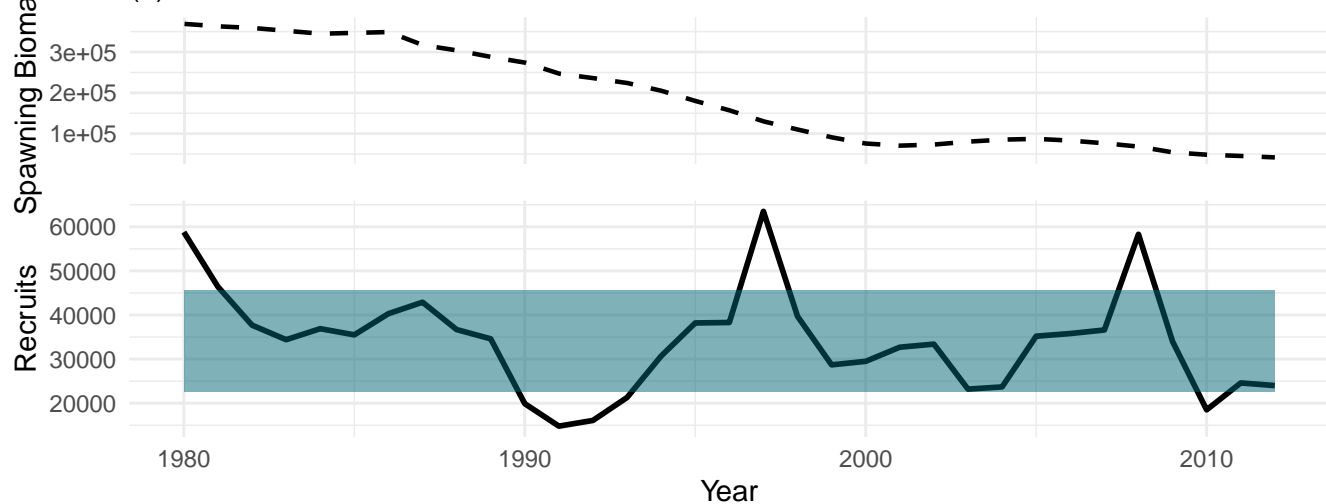


Pink cusk eel

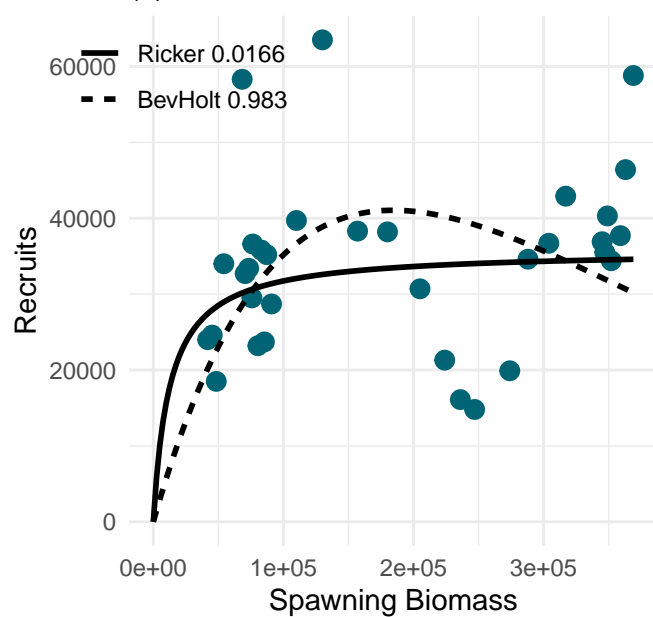
Genypterus blacodes

Area ID: Argentina-CFP-ARG-S

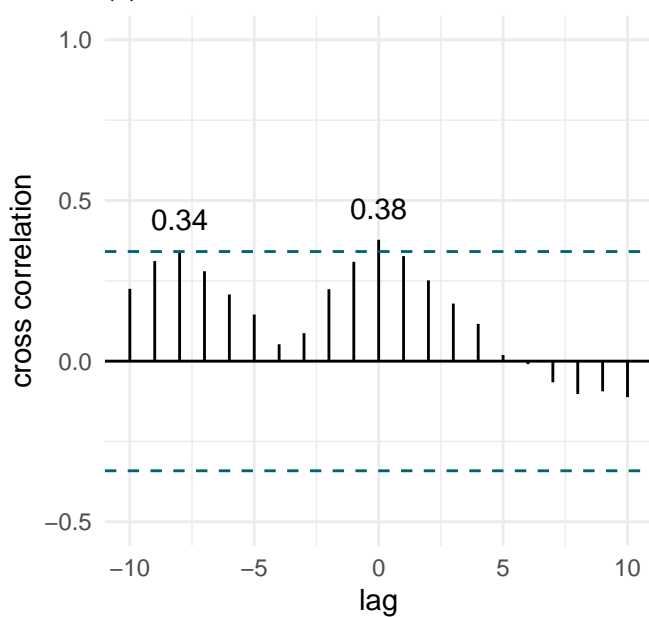
(a)



(b)



(c)

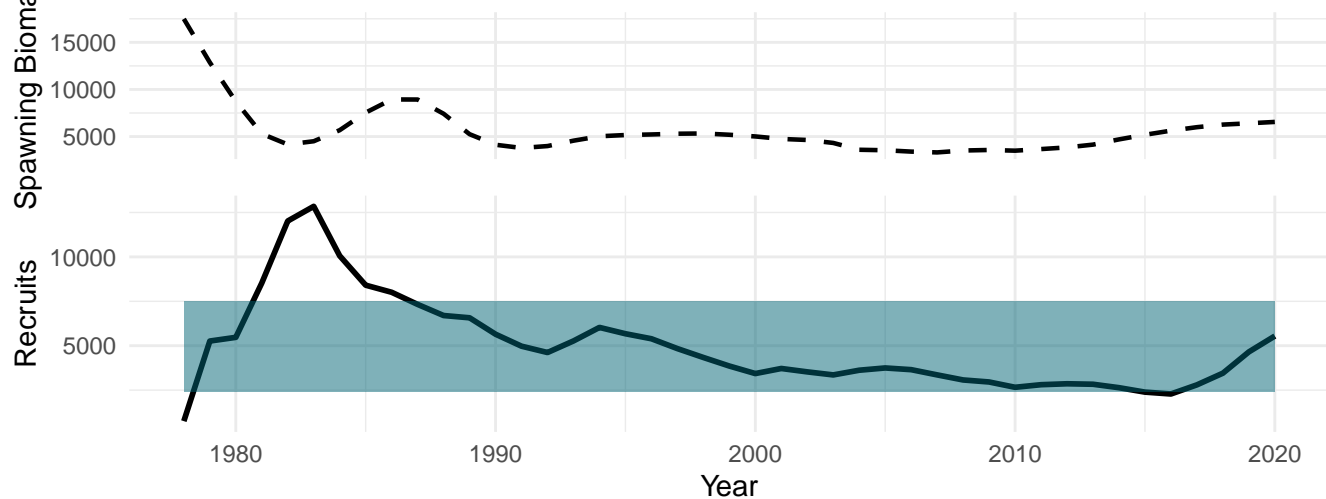


Pink cusk eel

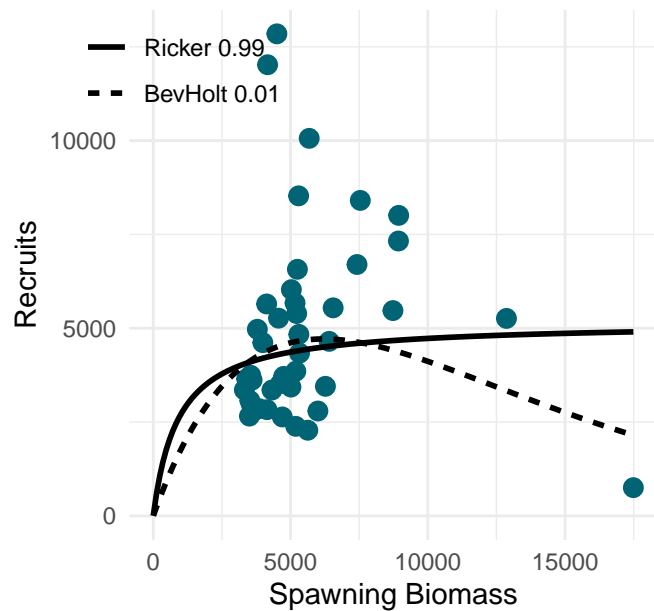
Genypterus blacodes

Area ID: Chile-SUBPESCA-CH-CS

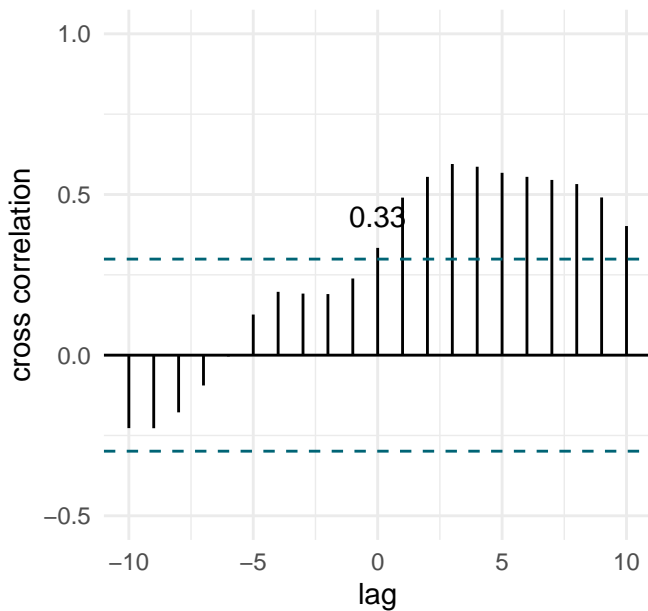
(a)



(b)



(c)

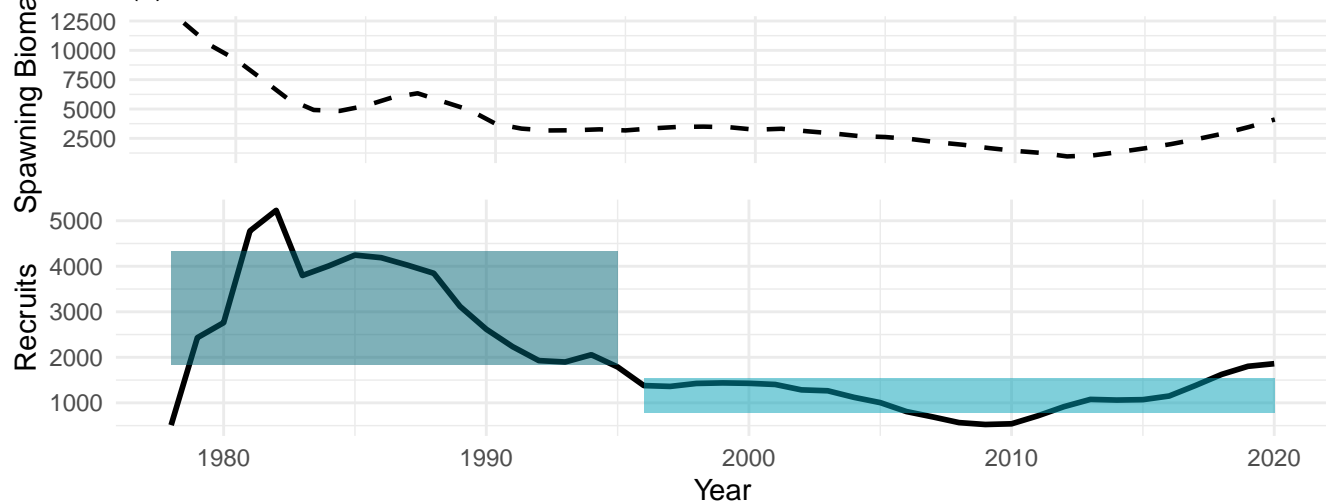


Pink cusk eel

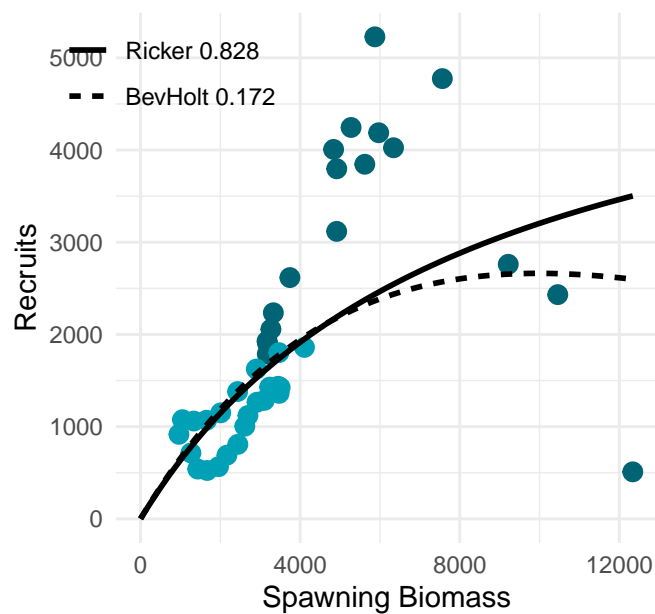
Genypterus blacodes

Area ID: Chile-SUBPESCA-CH-S

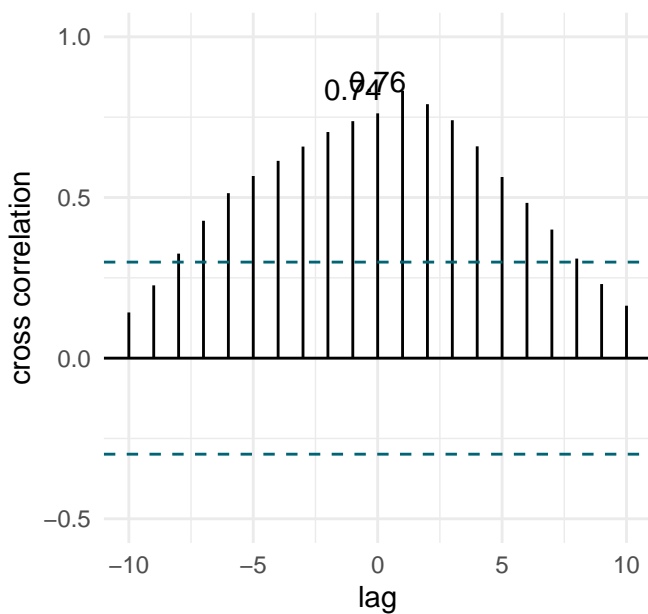
(a)



(b)



(c)

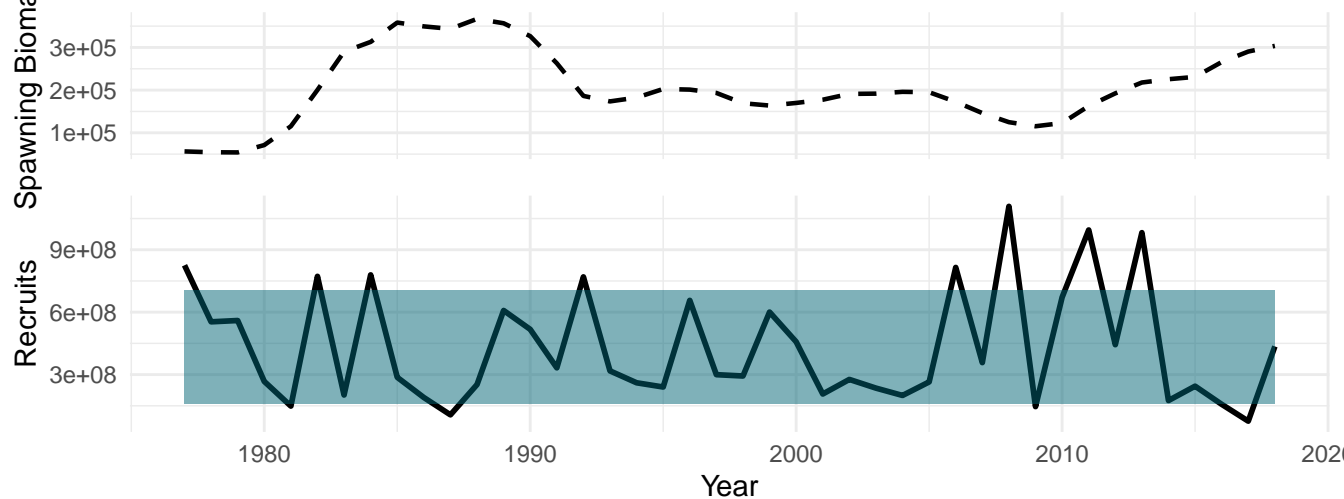


Pacific cod

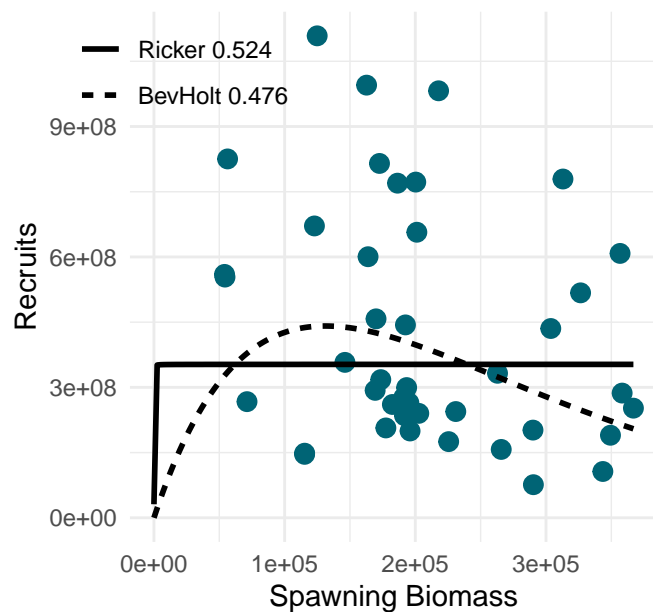
Gadus macrocephalus

Area ID: USA-NMFS-BS

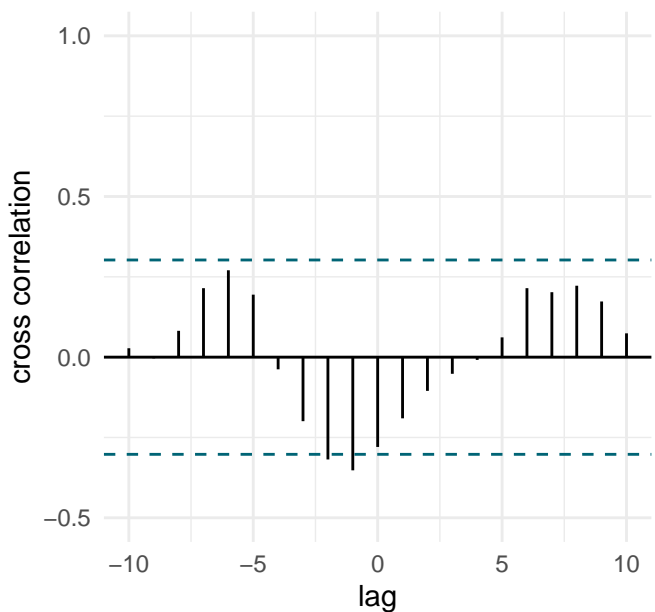
(a)



(b)



(c)

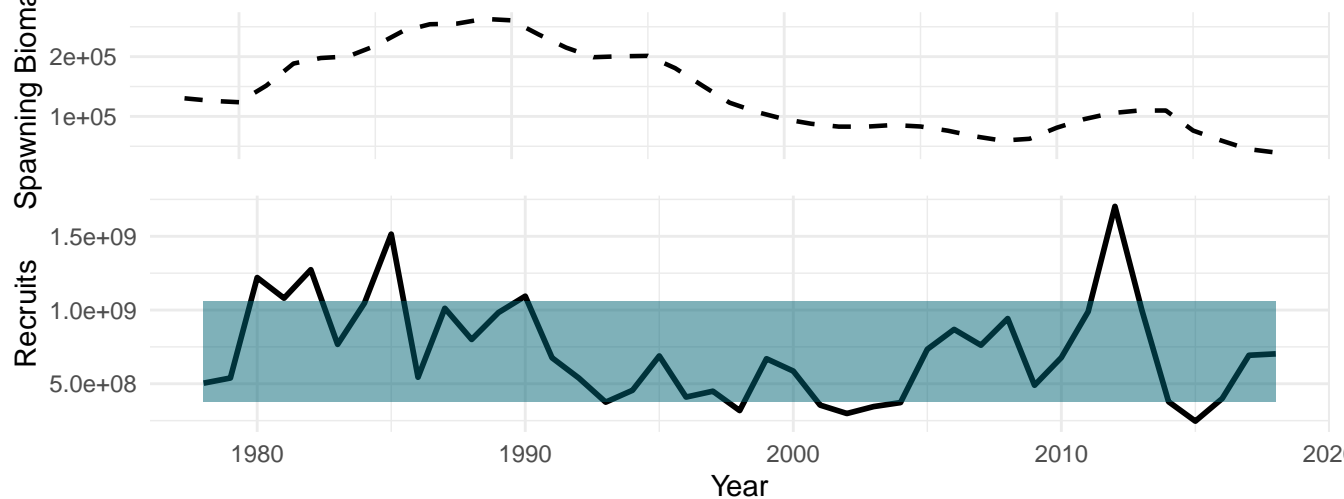


Pacific cod

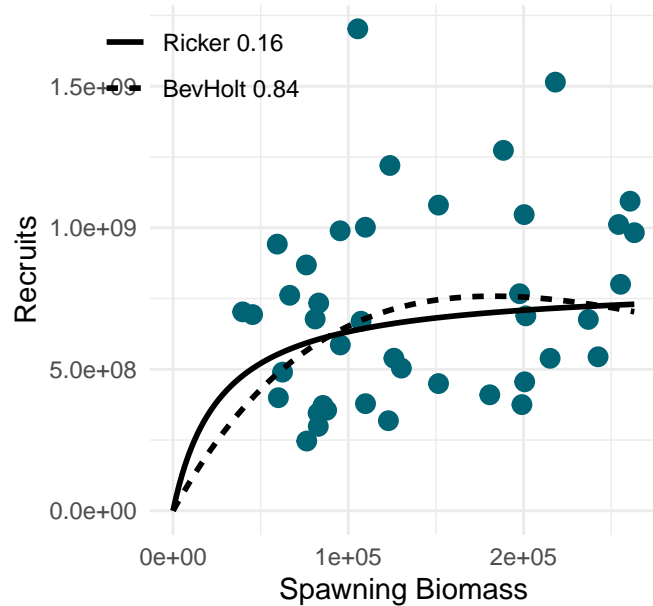
Gadus macrocephalus

Area ID: USA-NMFS-GA

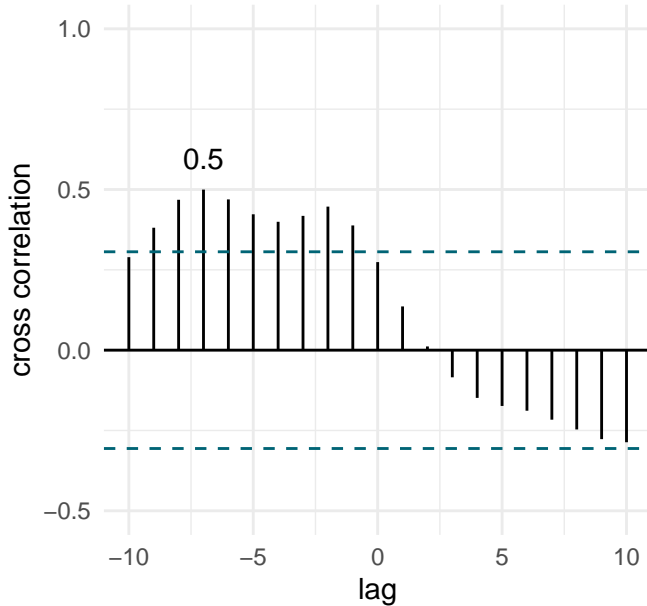
(a)



(b)



(c)

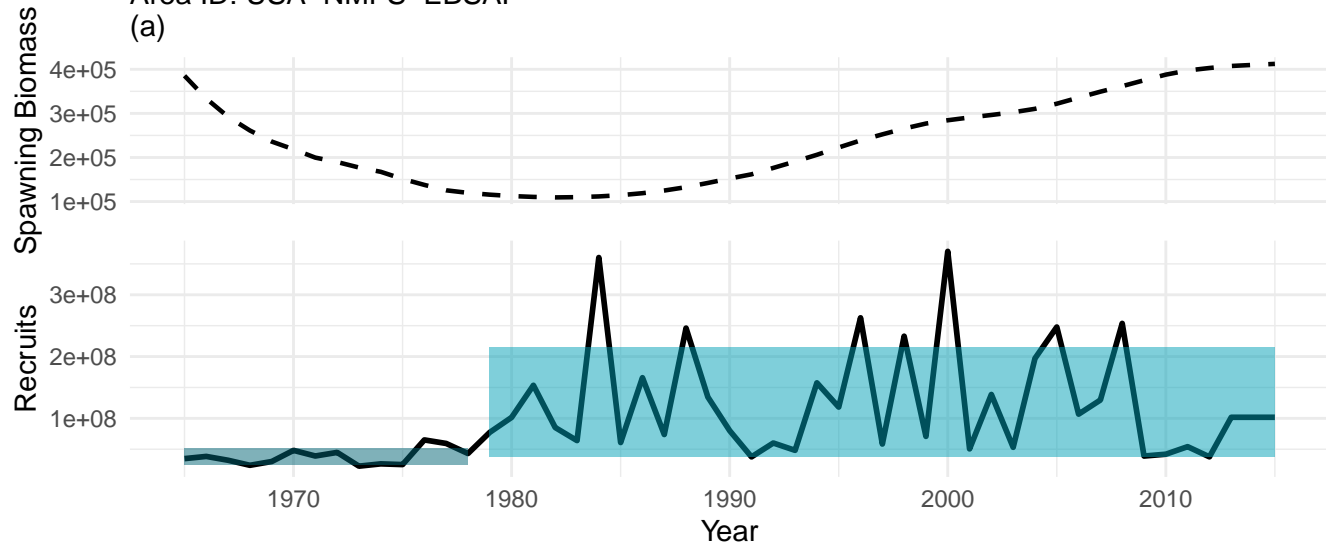


Pacific ocean perch

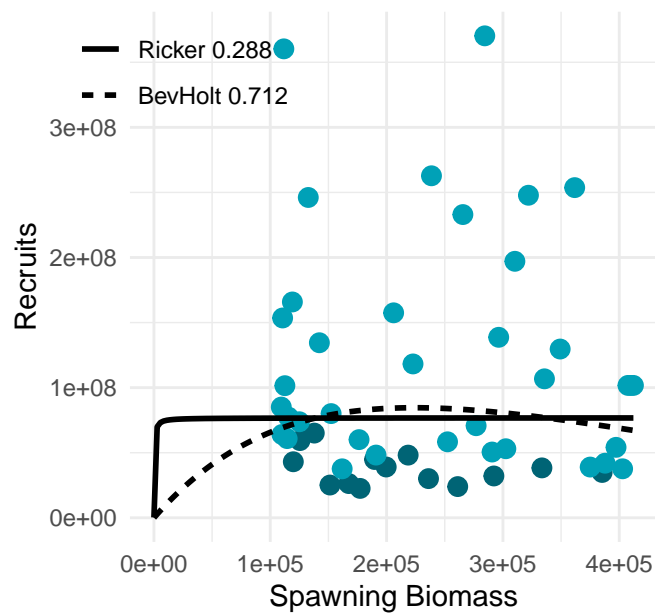
Sebastes alutus

Area ID: USA-NMFS-EBSAI

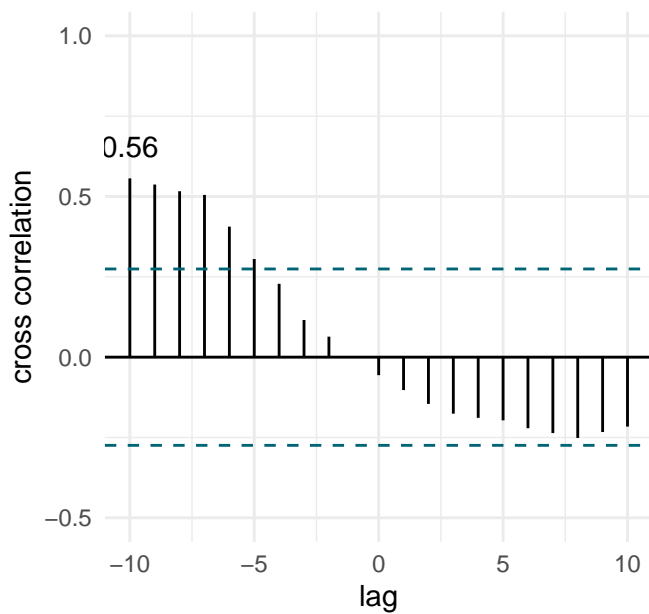
(a)



(b)



(c)

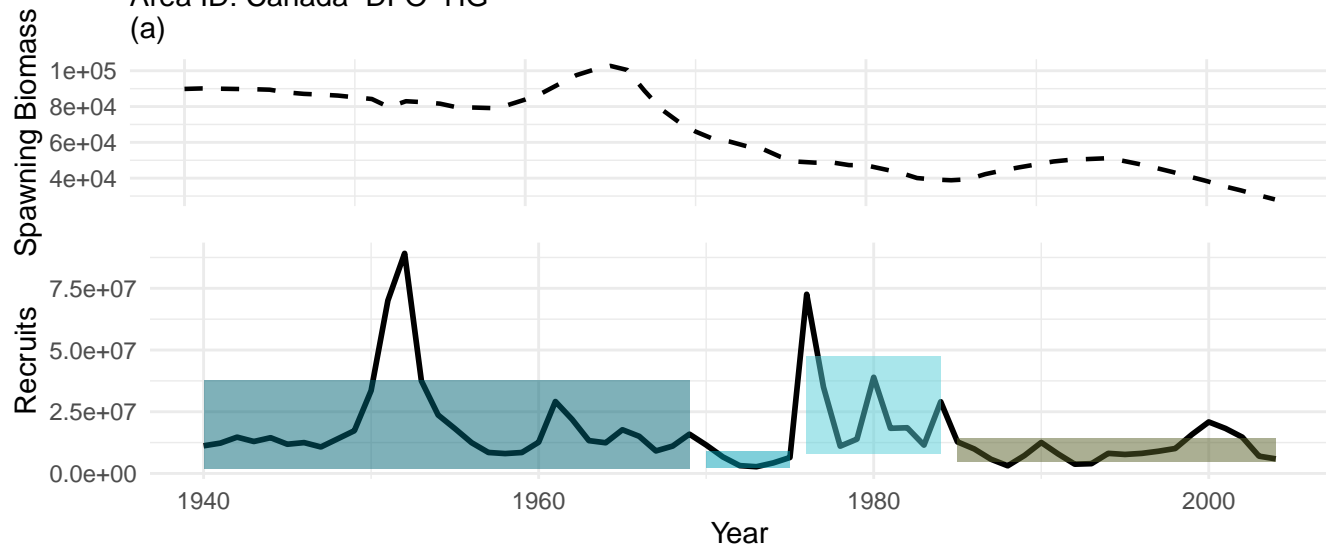


Pacific ocean perch

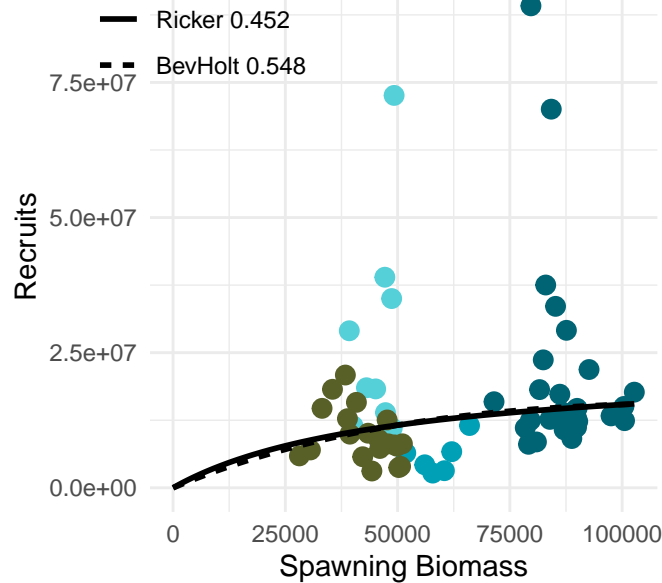
Sebastes alutus

Area ID: Canada-DFO-HG

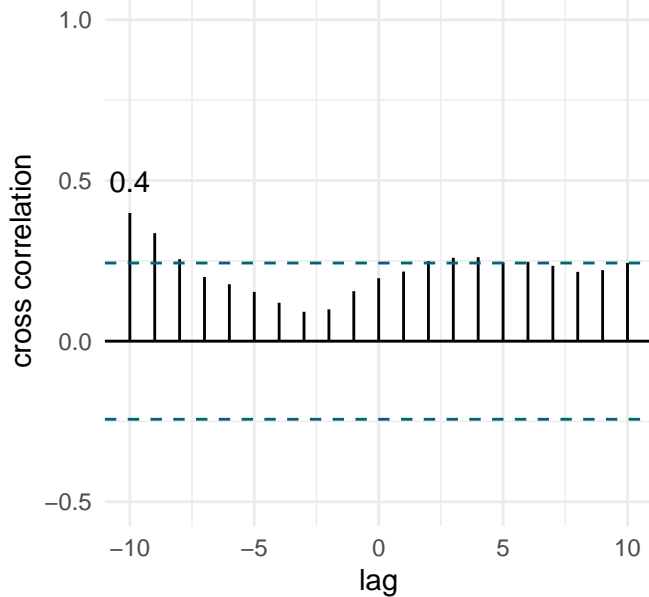
(a)



(b)



(c)

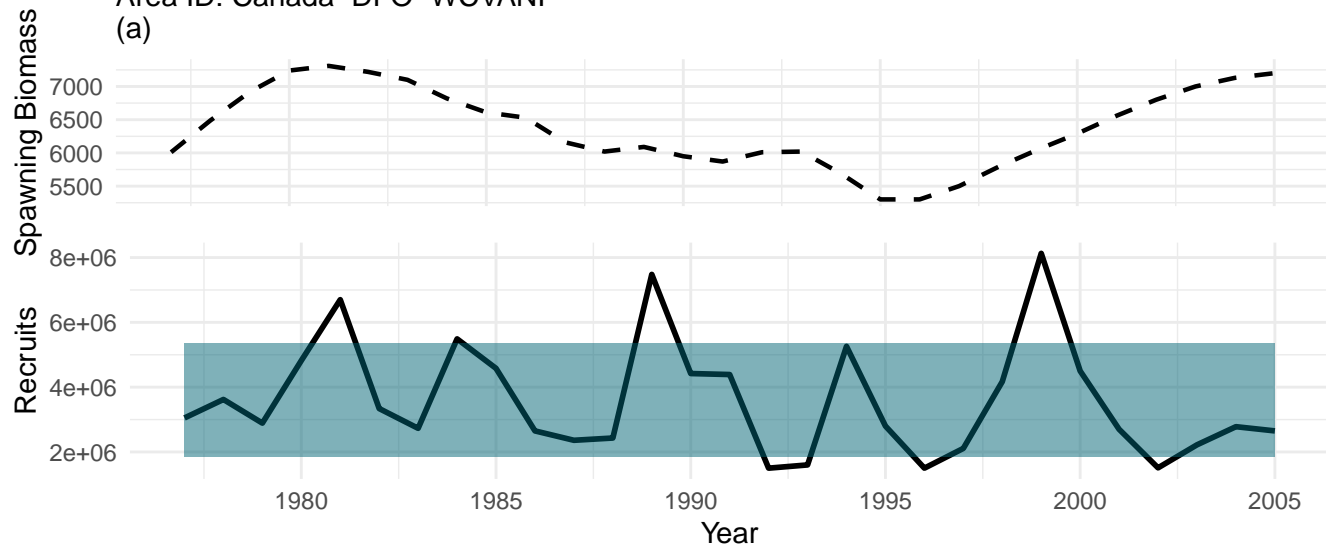


Pacific ocean perch

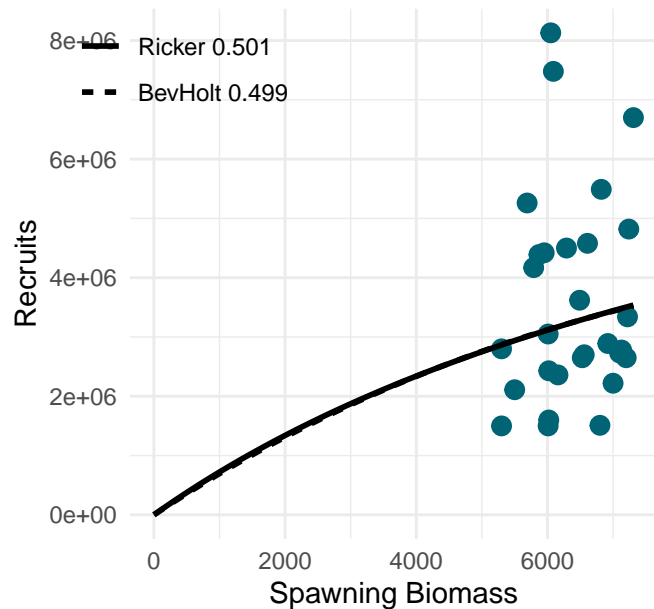
Sebastes alutus

Area ID: Canada-DFO-WCVANI

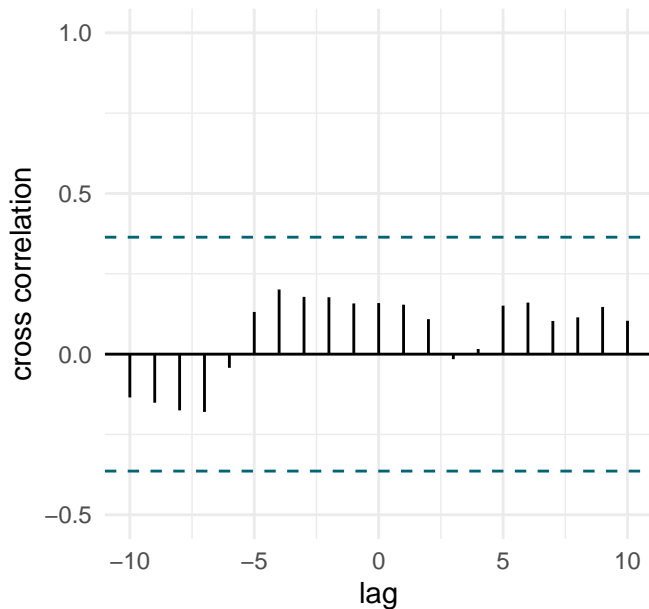
(a)



(b)



(c)

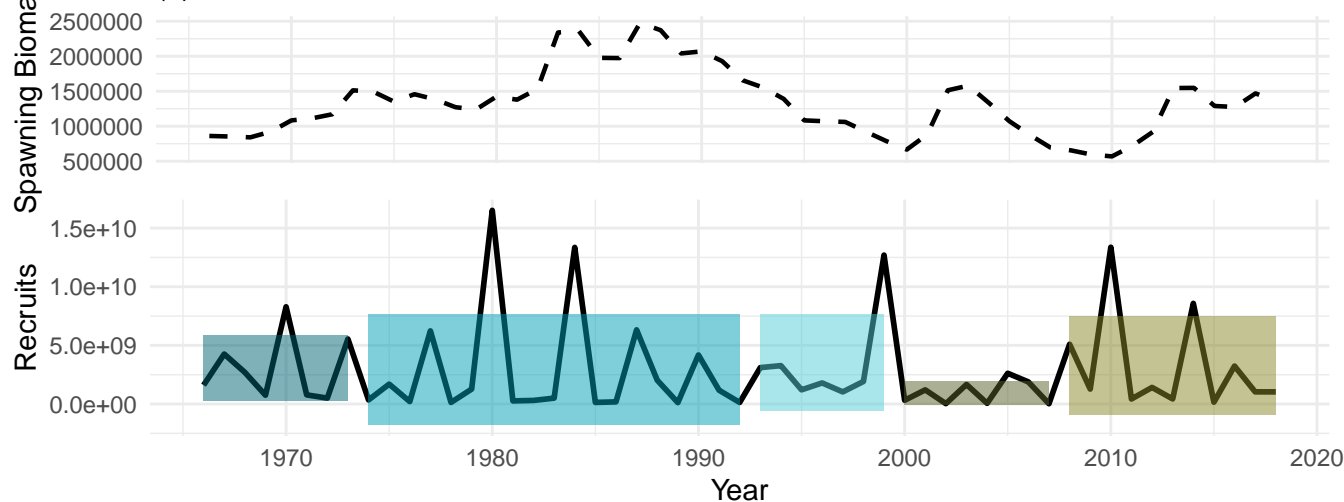


Pacific hake

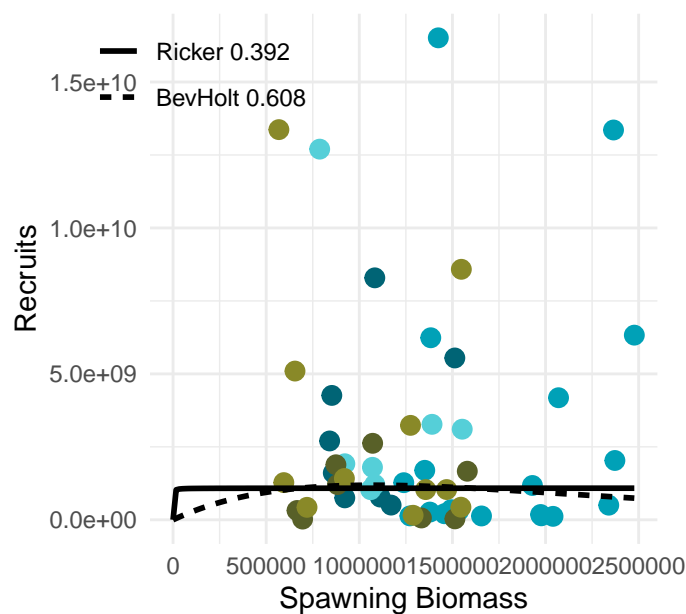
Merluccius productus

Area ID: USA-NMFS-PCOAST

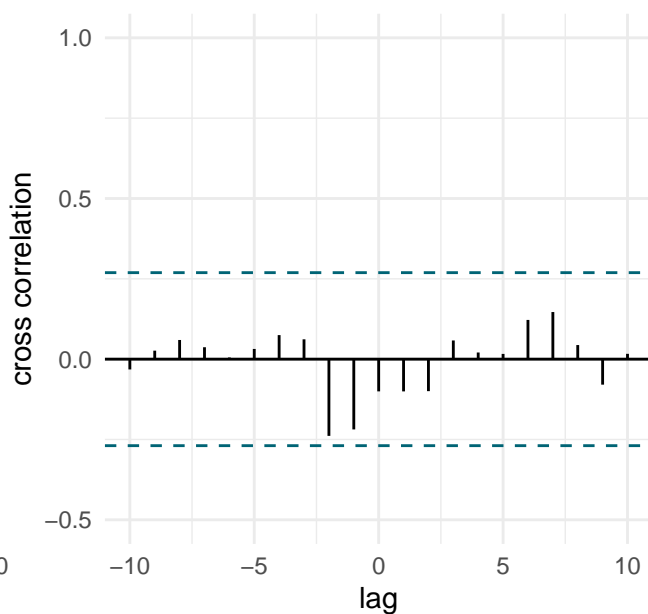
(a)



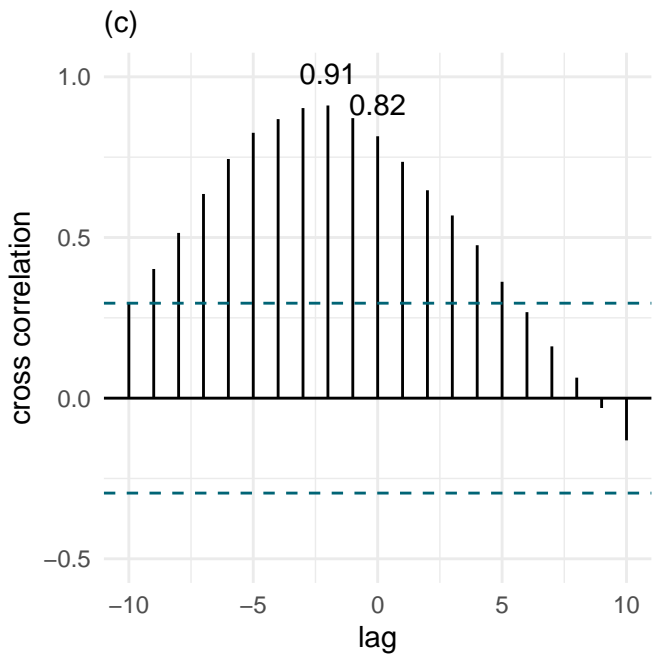
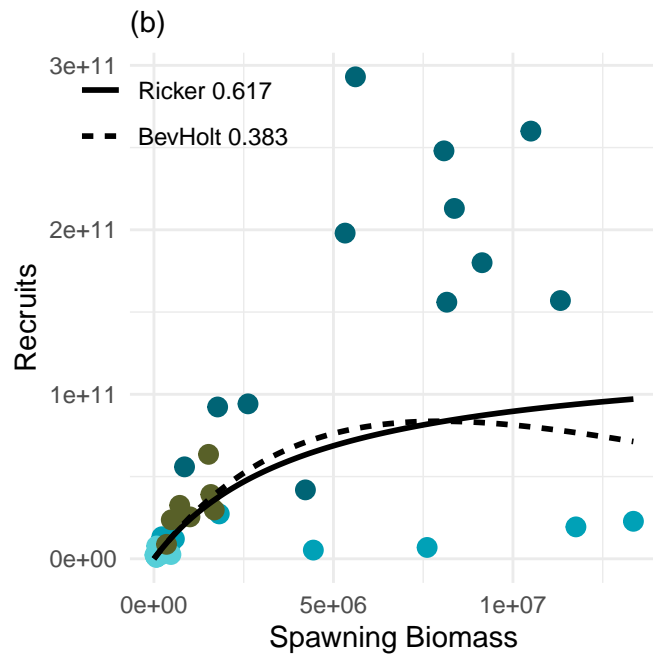
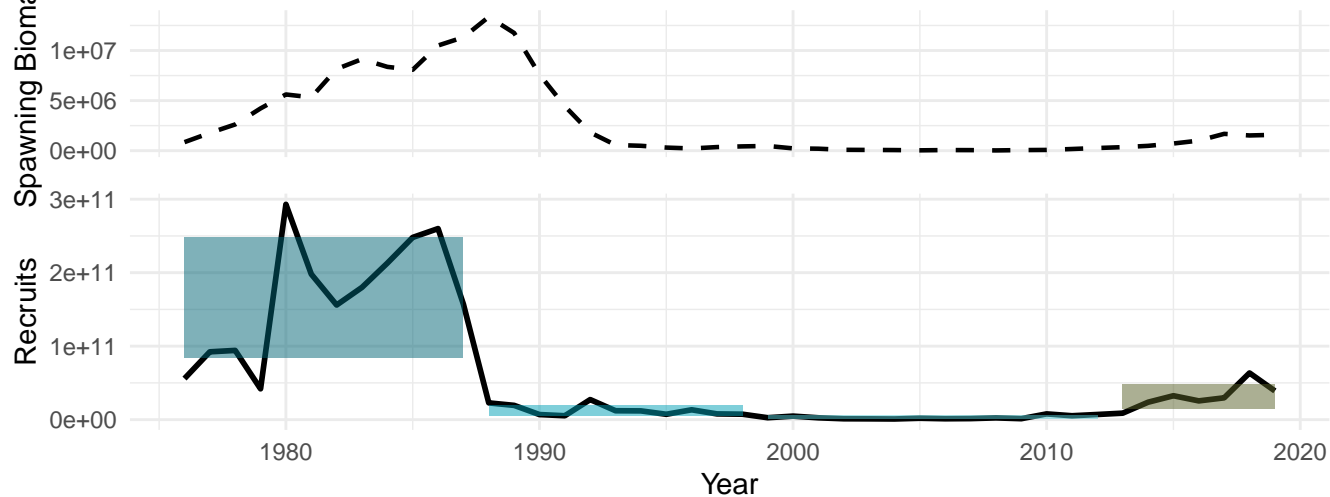
(b)



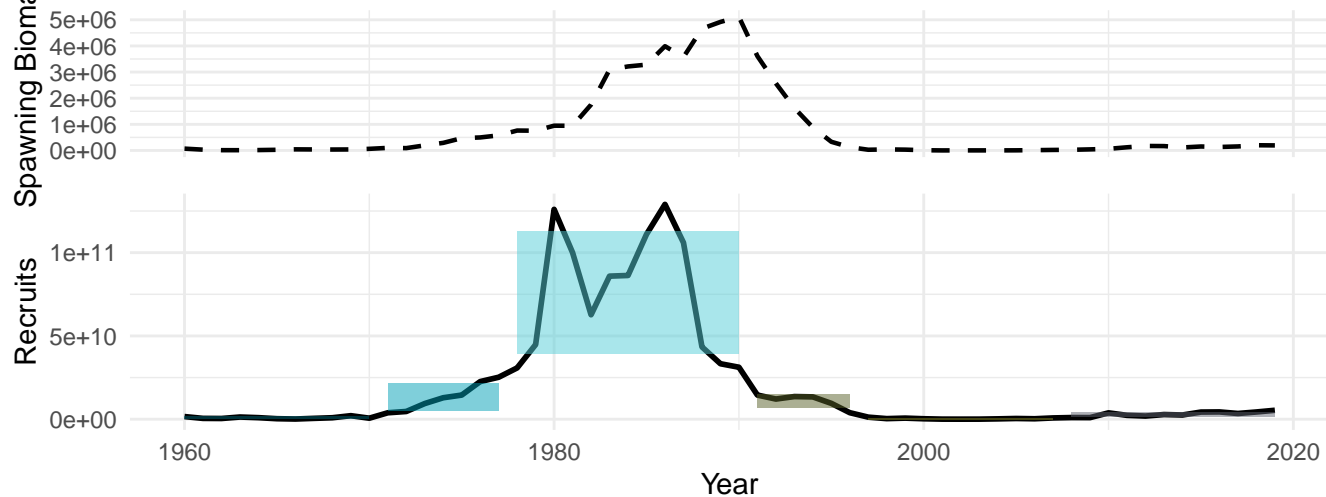
(c)



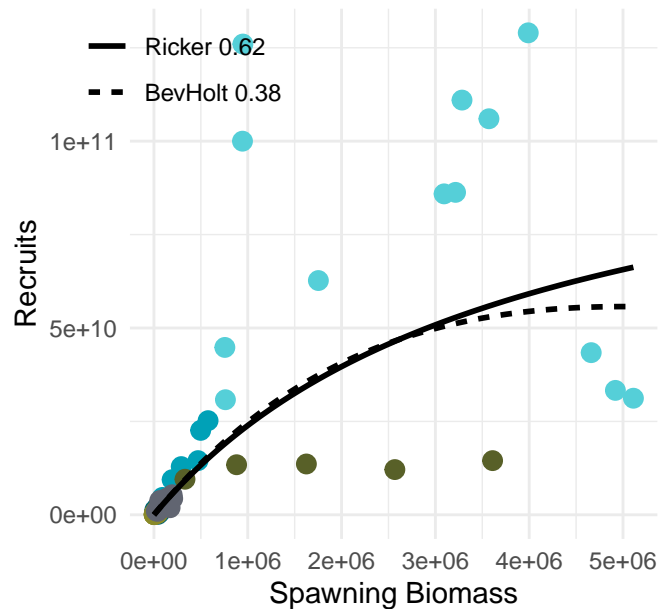
Japanese sardine
Sardinops melanostictus
Area ID: Japan-FAJ-PJPN
(a)



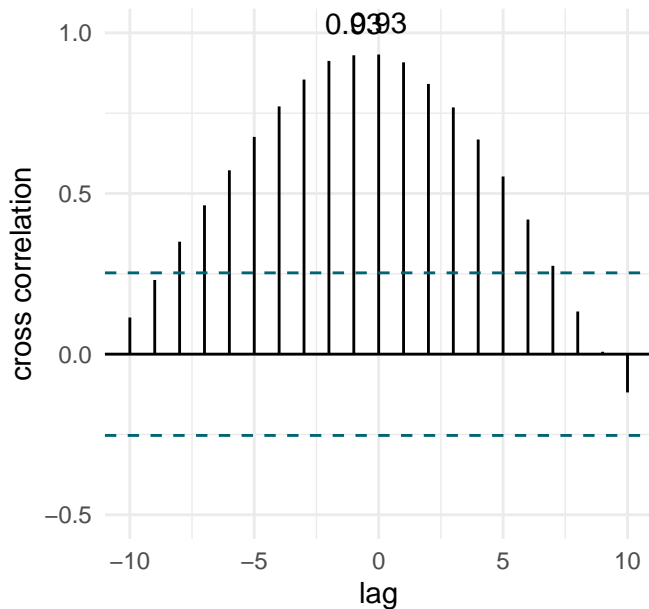
Japanese sardine
Sardinops melanostictus
 Area ID: Japan-FAJ-TSST
 (a)



(b)



(c)

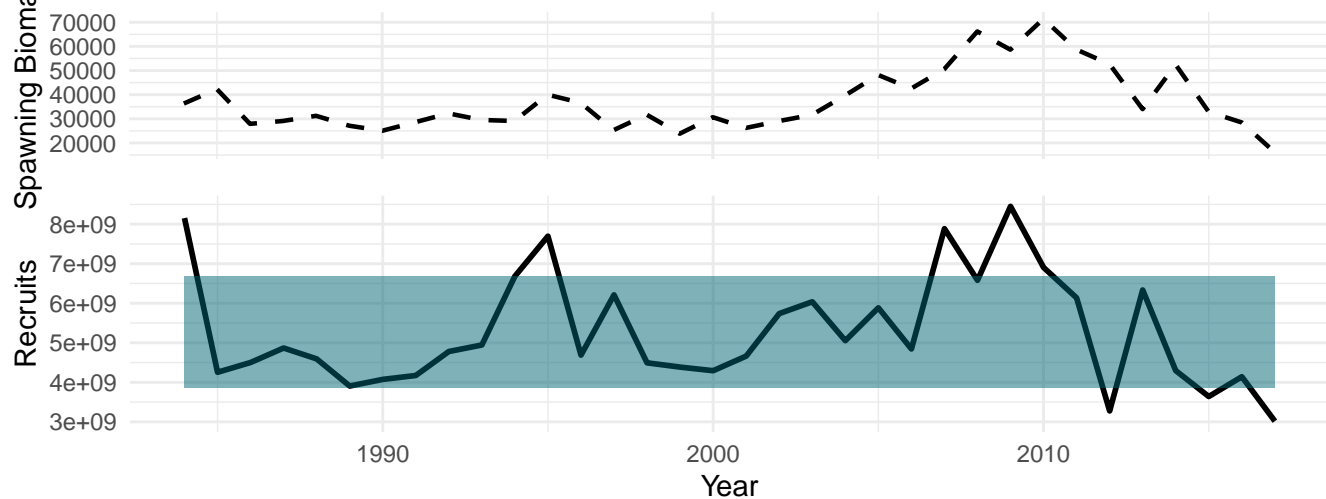


Pink shrimp

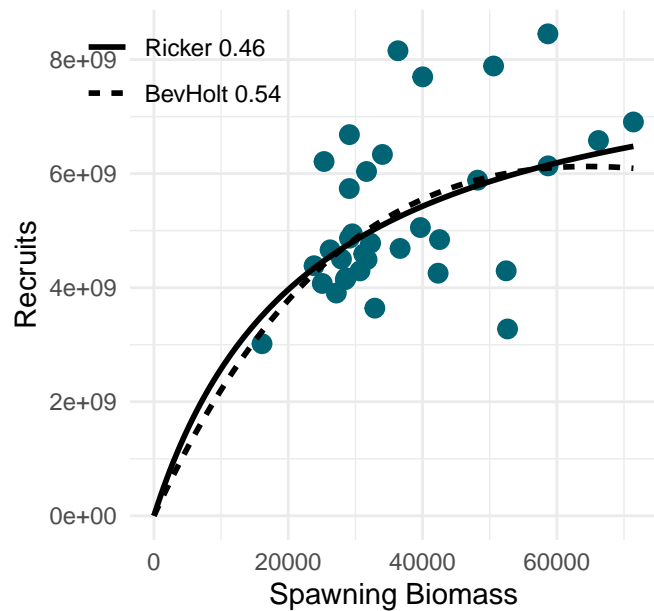
Farfantepenaeus duorarum

Area ID: USA-NMFS-GM

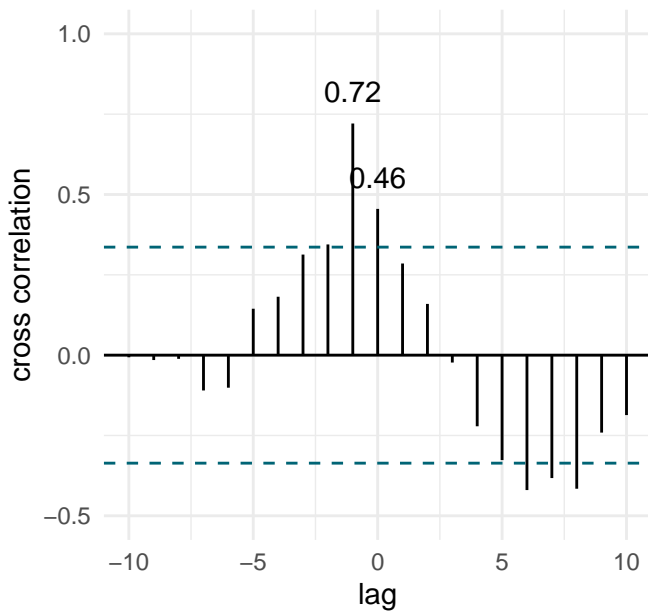
(a)



(b)



(c)

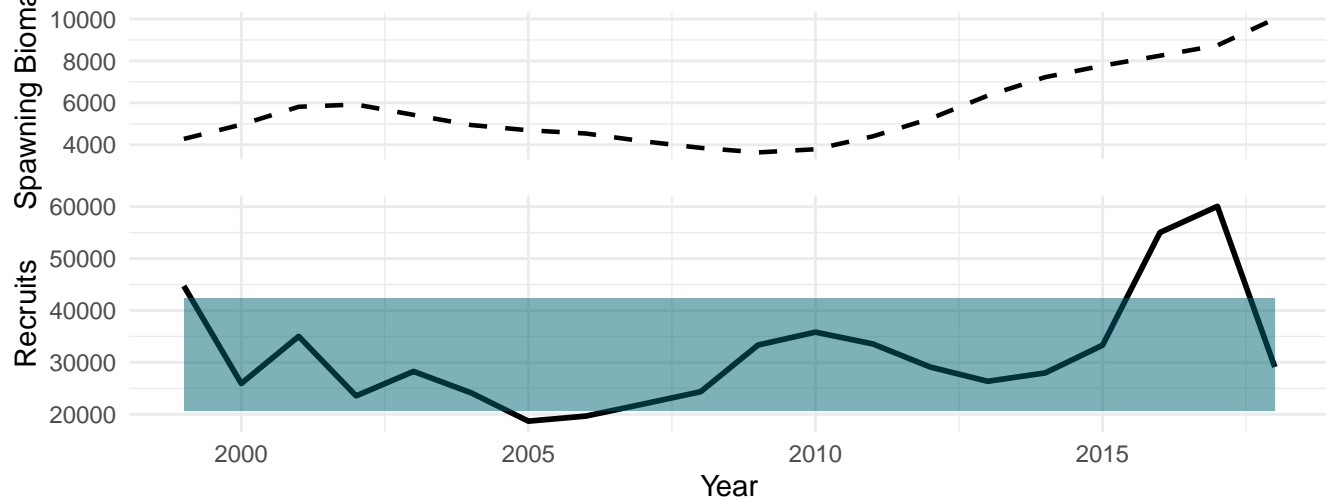


European plaice

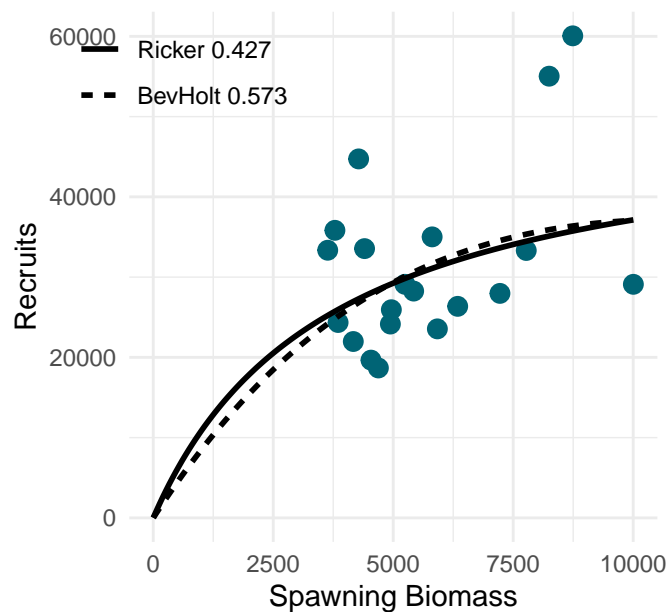
Pleuronectes platessa

Area ID: multinational-ICES-2123

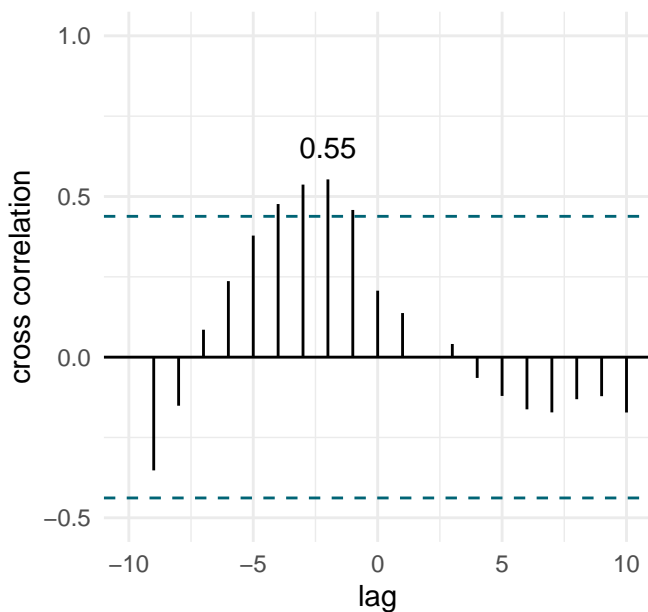
(a)



(b)



(c)

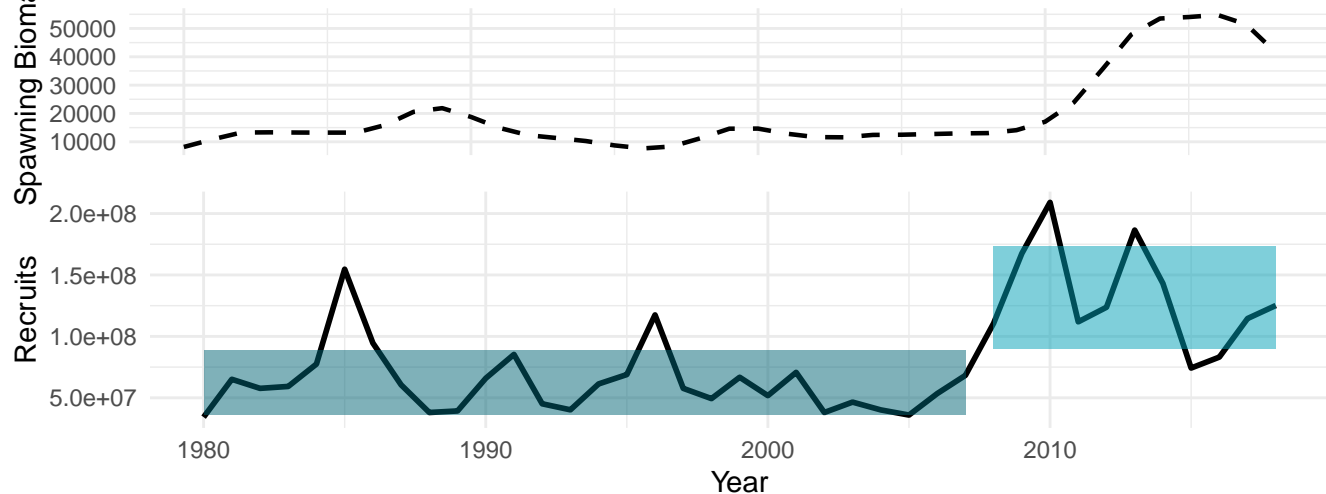


European plaice

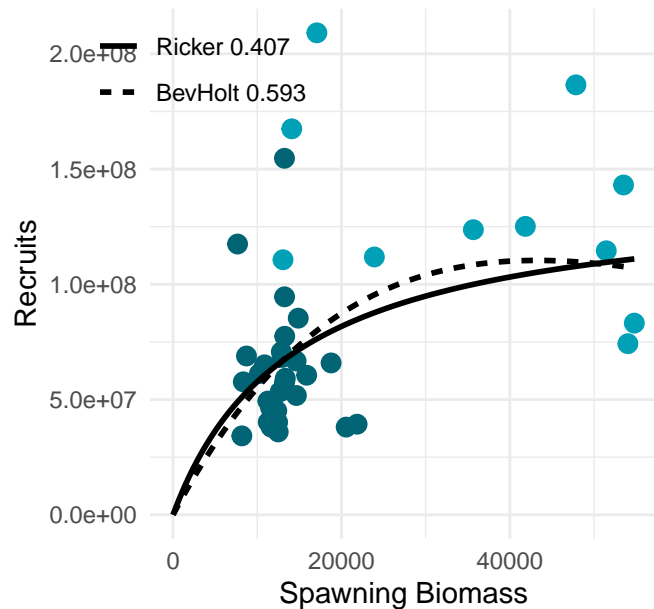
Pleuronectes platessa

Area ID: multinational-ICES-VIId

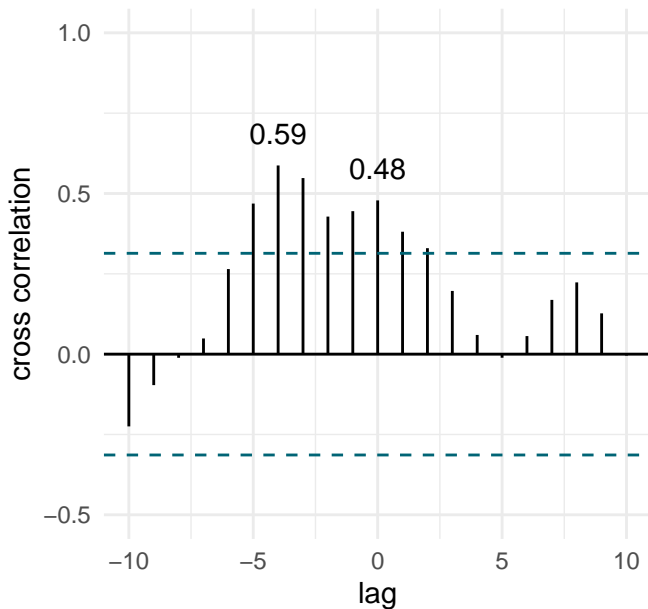
(a)



(b)



(c)

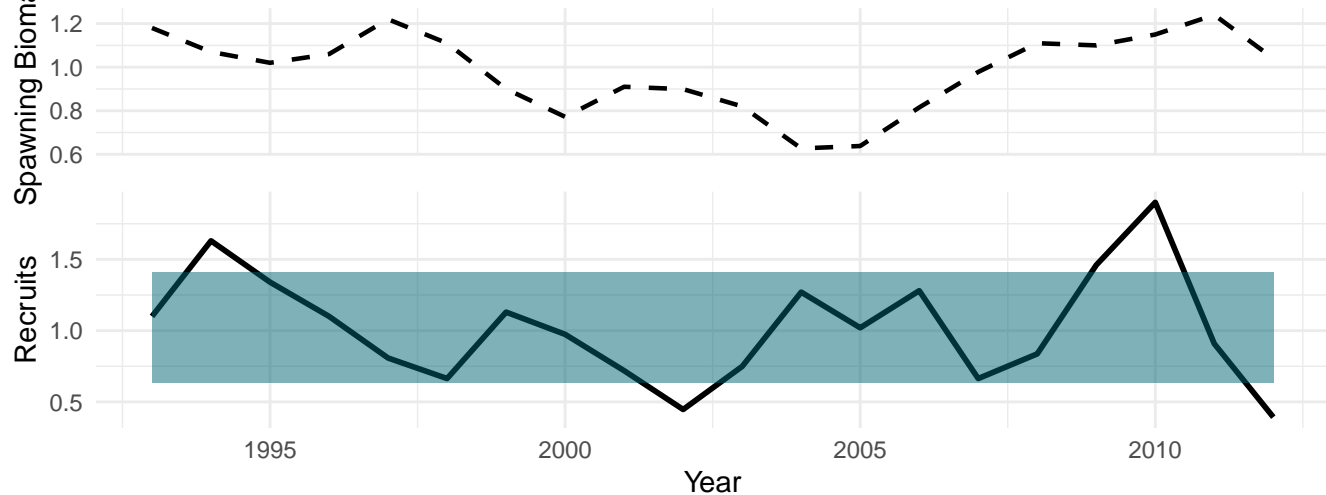


European plaice

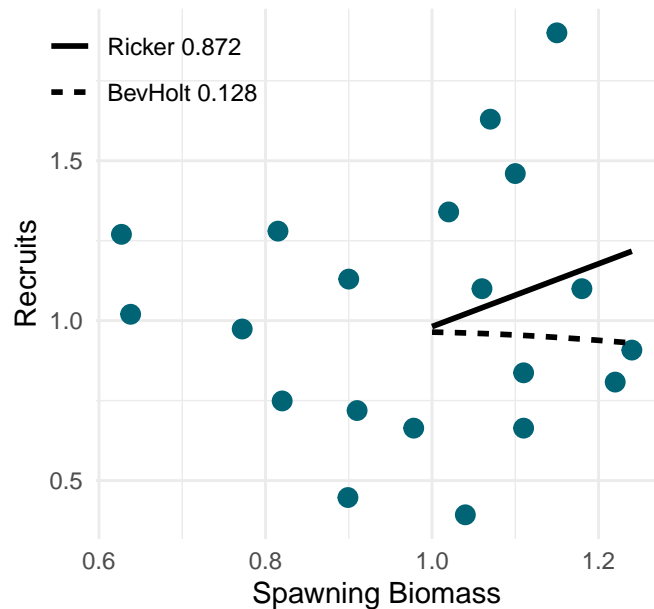
Pleuronectes platessa

Area ID: multinational-ICES-VII-f-g

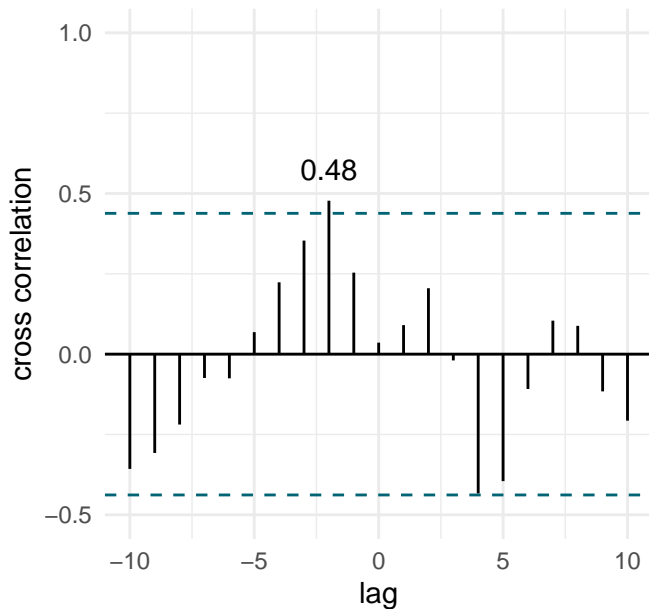
(a)



(b)



(c)

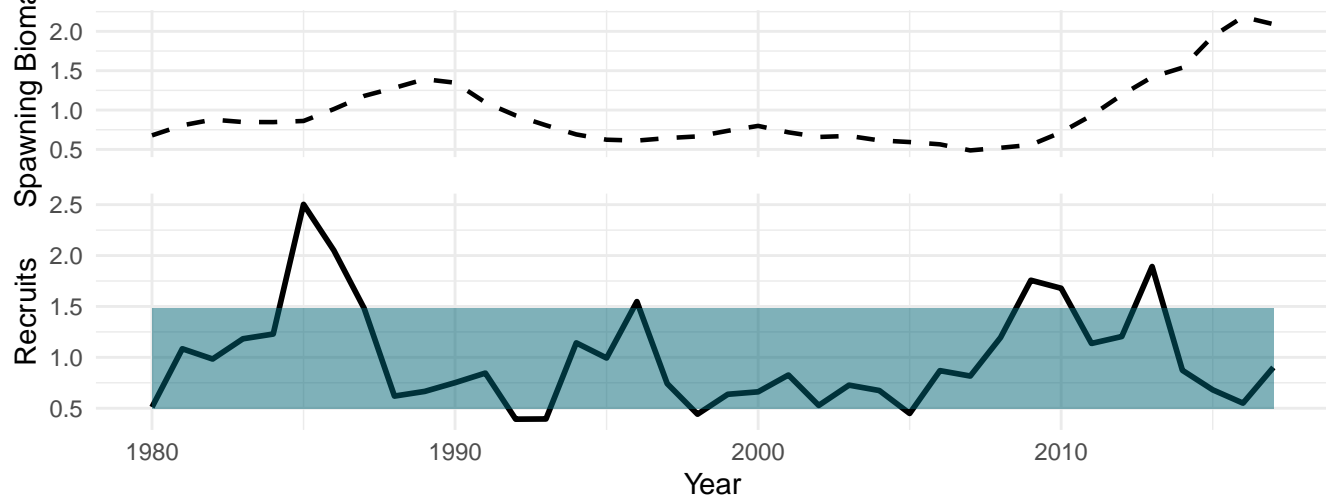


European plaice

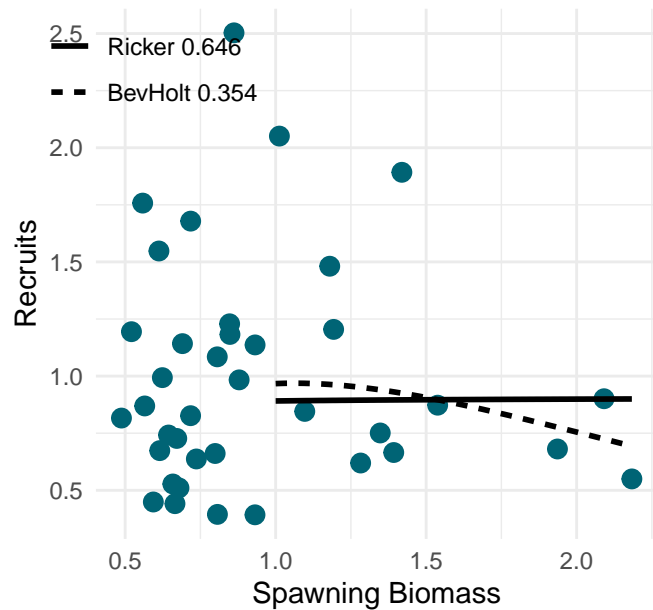
Pleuronectes platessa

Area ID: multinational-ICES-VIIe

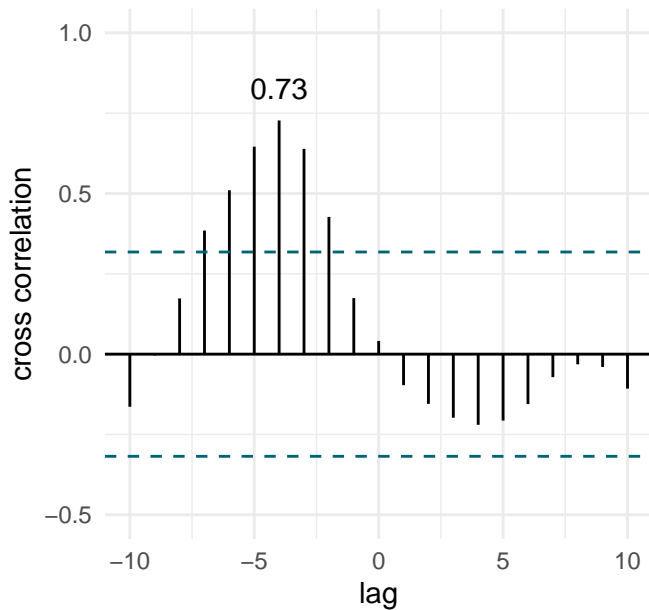
(a)



(b)



(c)

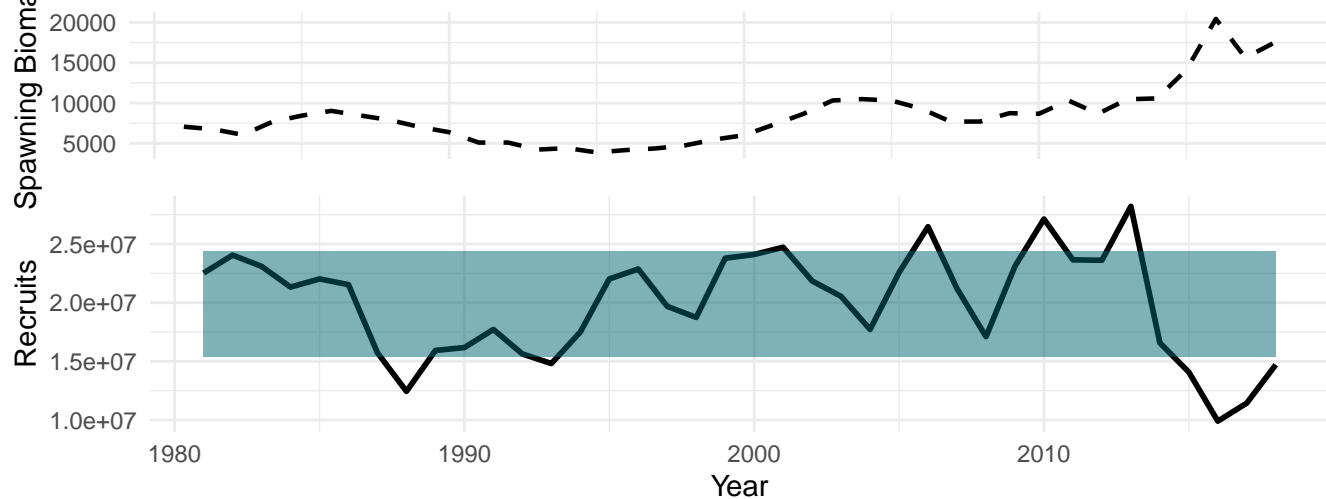


European plaice

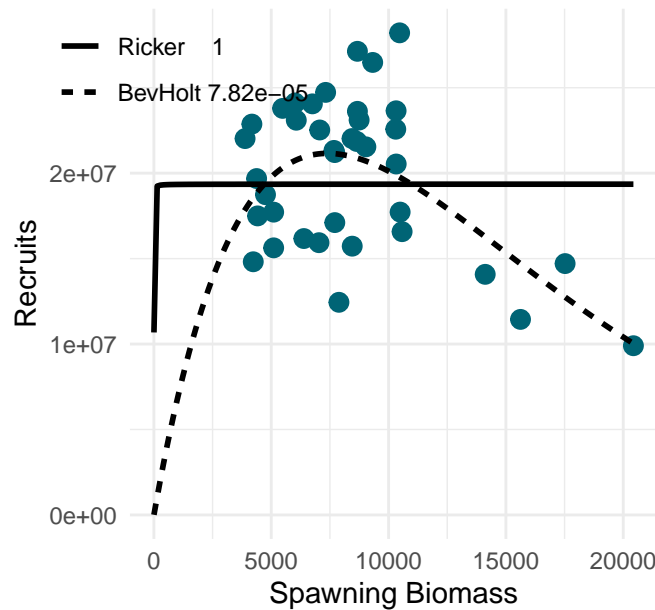
Pleuronectes platessa

Area ID: multinational-ICES-VIIa

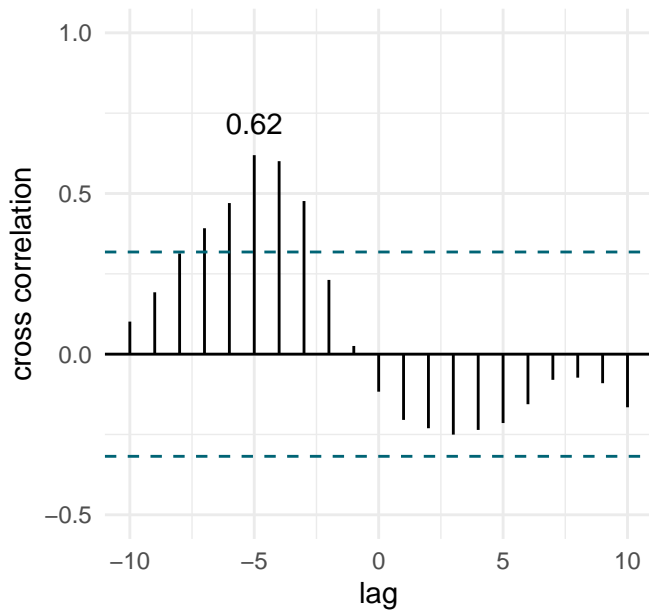
(a)



(b)



(c)

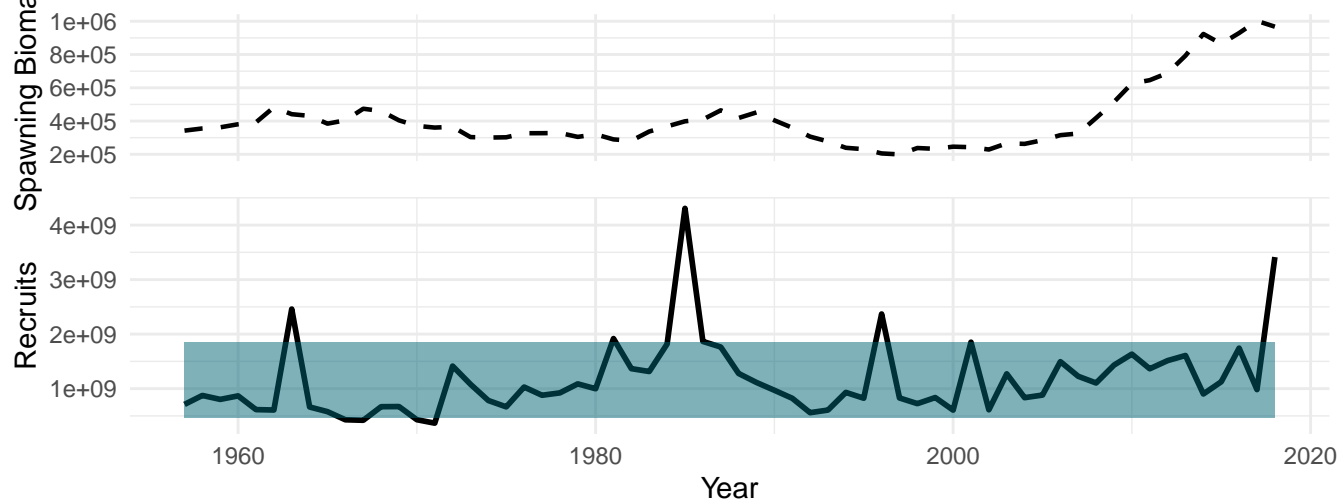


European plaice

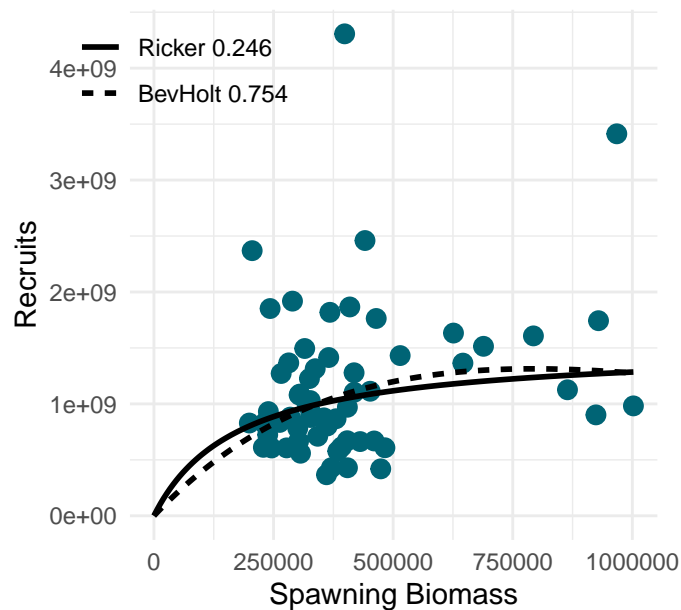
Pleuronectes platessa

Area ID: multinational-ICES-IV

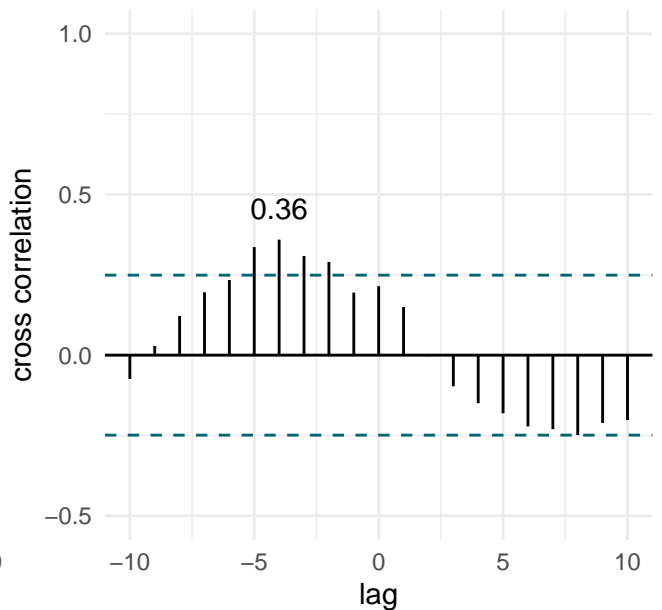
(a)



(b)



(c)

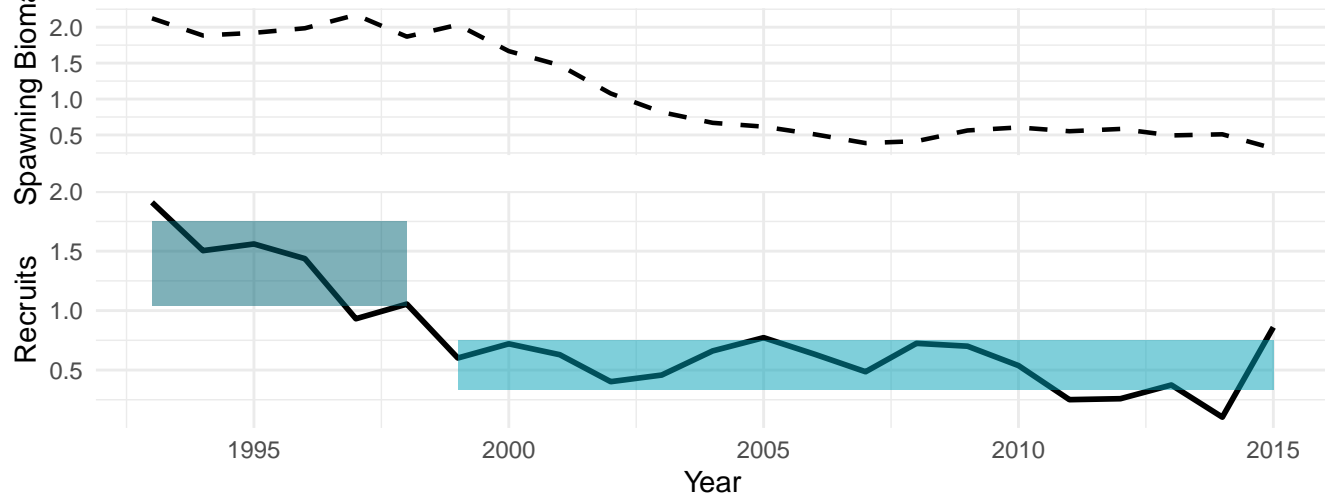


European plaice

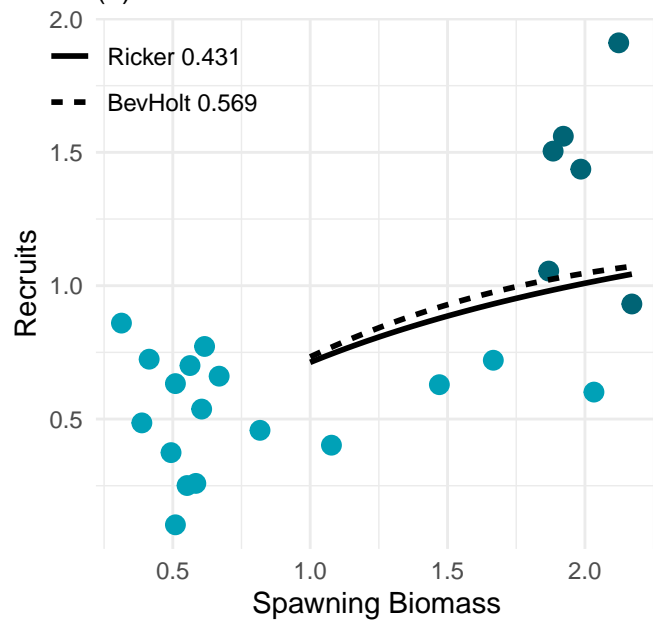
Pleuronectes platessa

Area ID: multinational-ICES-VIIh-k

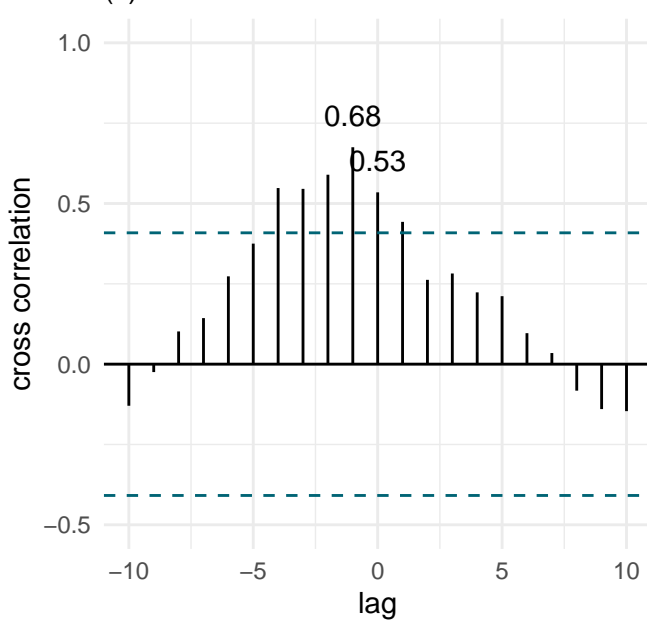
(a)



(b)



(c)

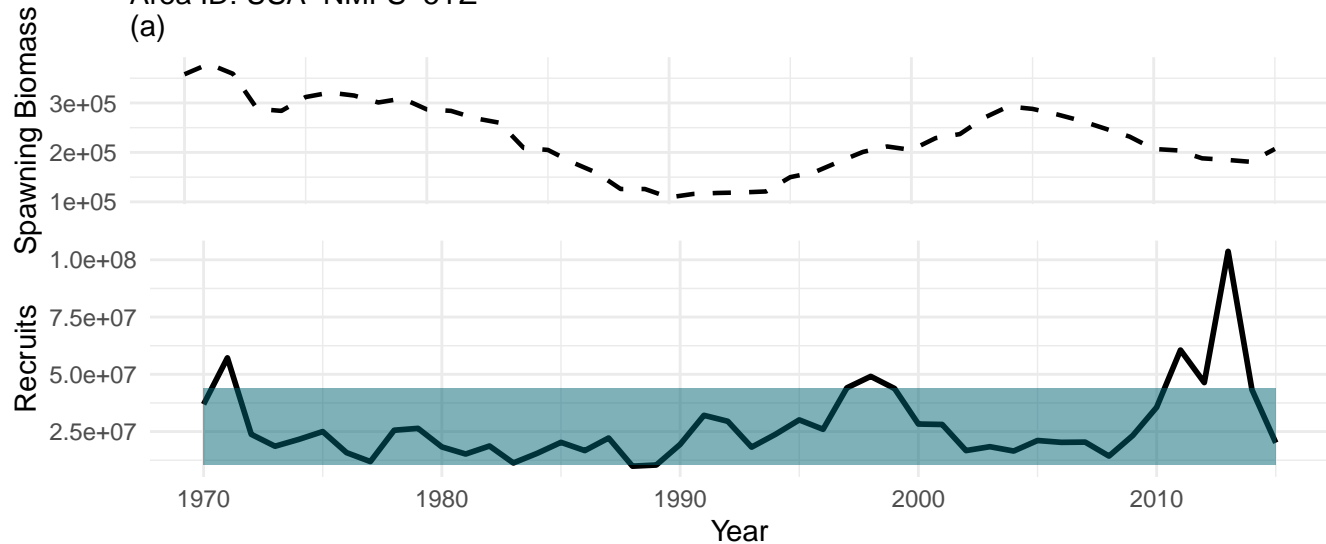


Pollock

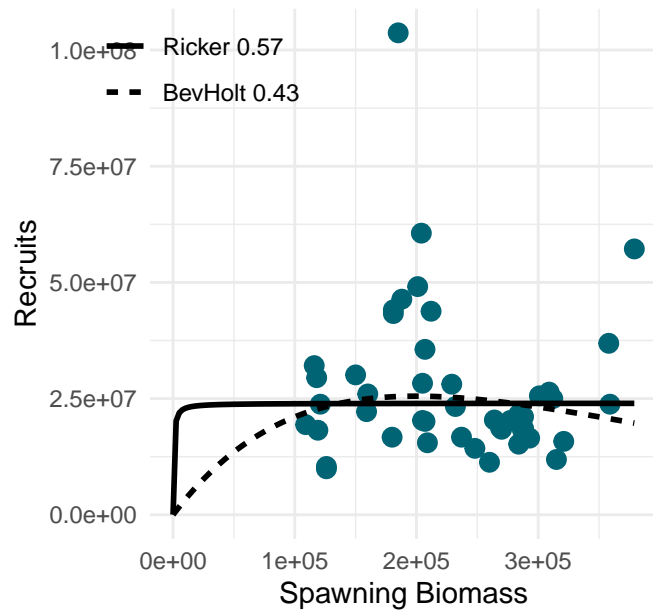
Pollachius virens

Area ID: USA-NMFS-5YZ

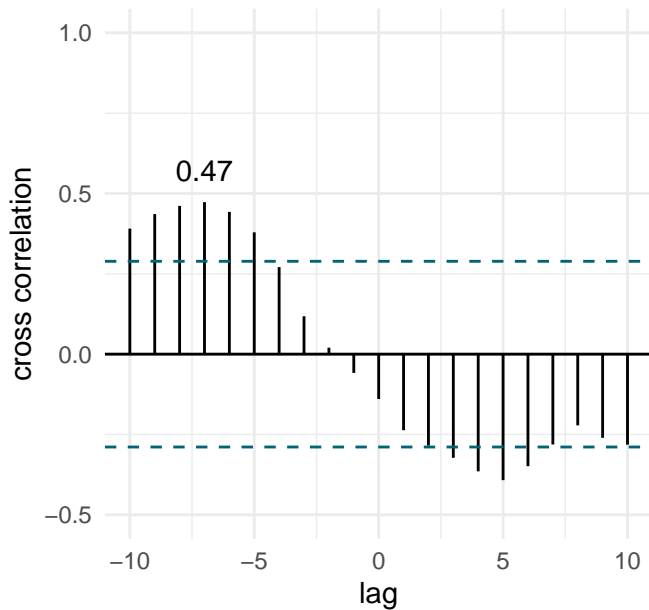
(a)



(b)



(c)

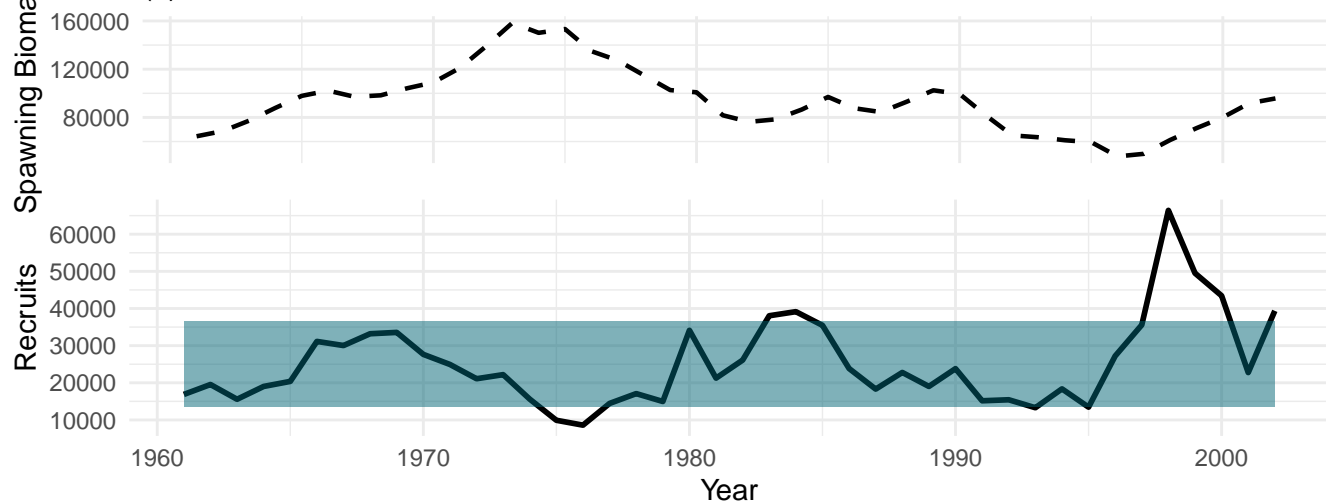


Pollock

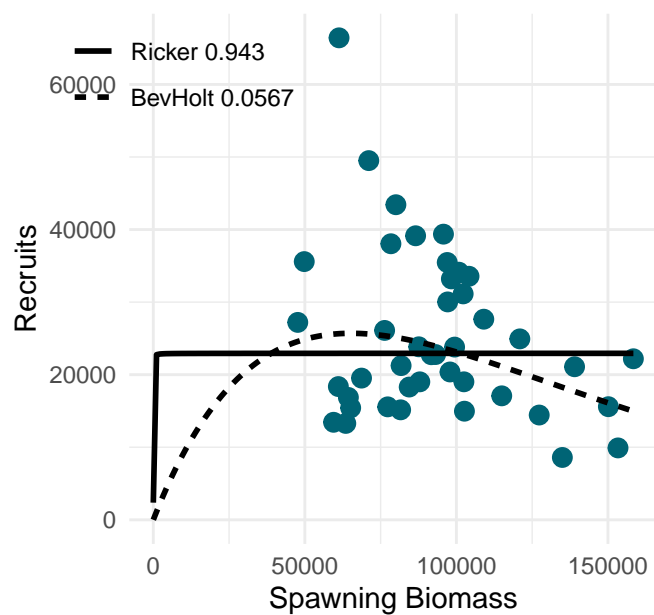
Pollachius virens

Area ID: multinational-ICES-Vb1

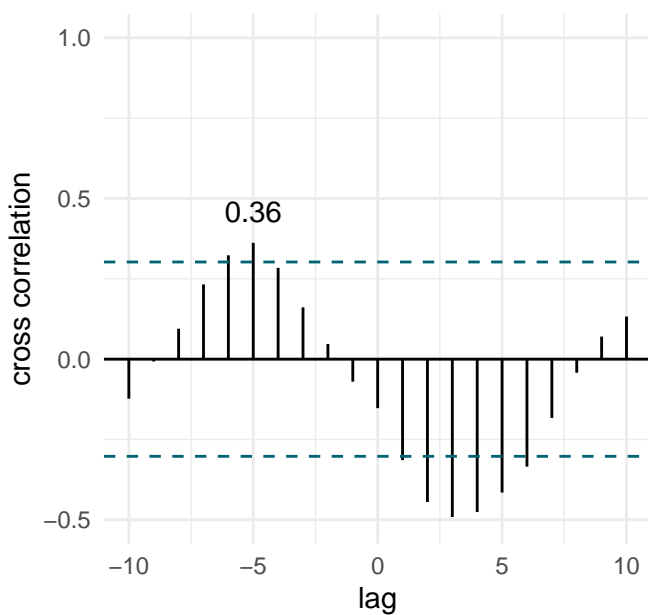
(a)



(b)



(c)

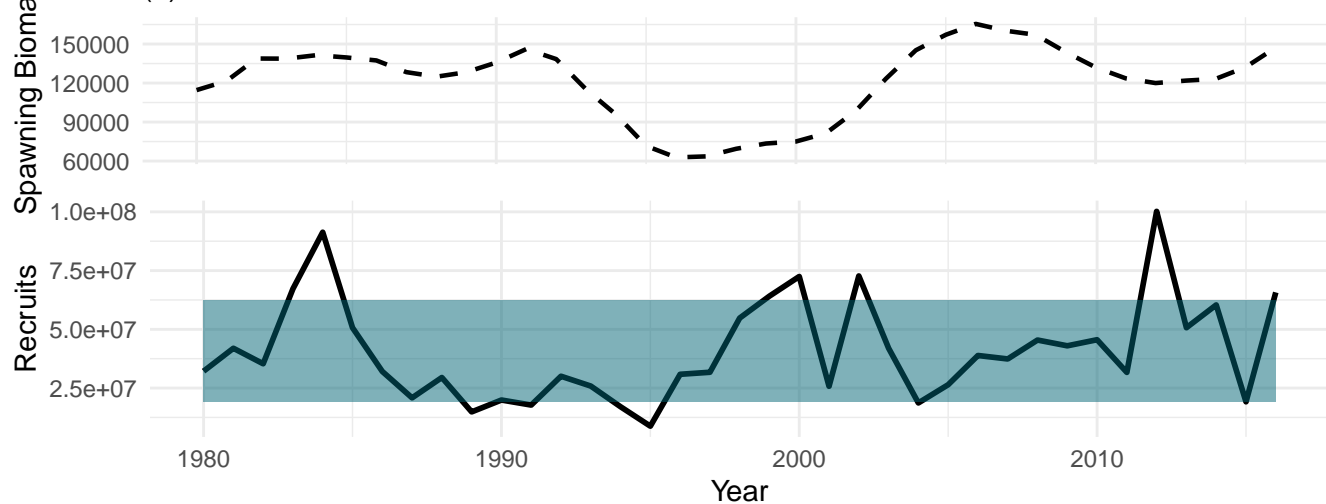


Pollock

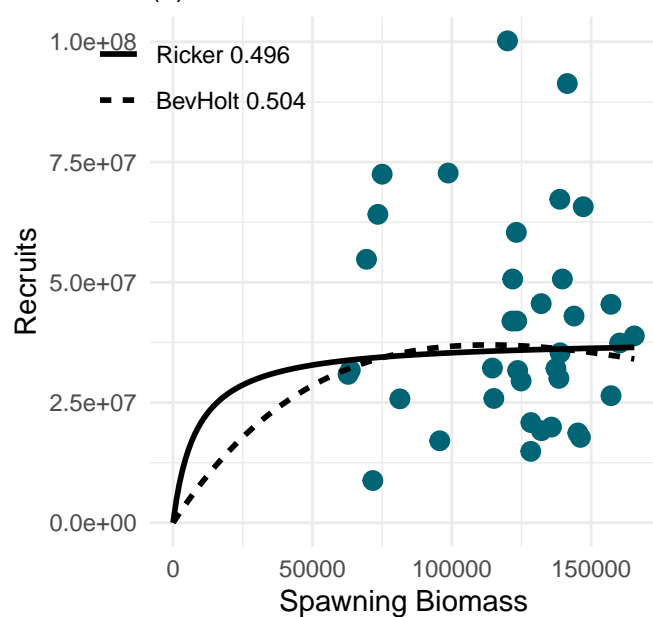
Pollachius virens

Area ID: multinational-ICES-Va

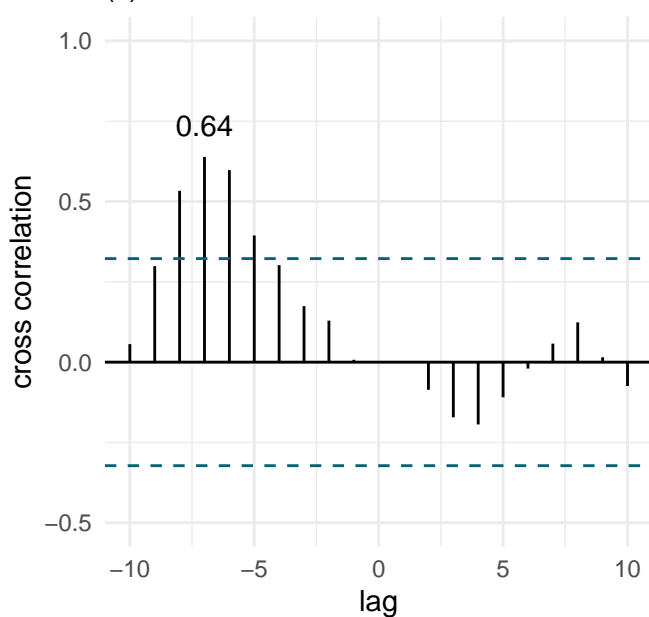
(a)



(b)



(c)

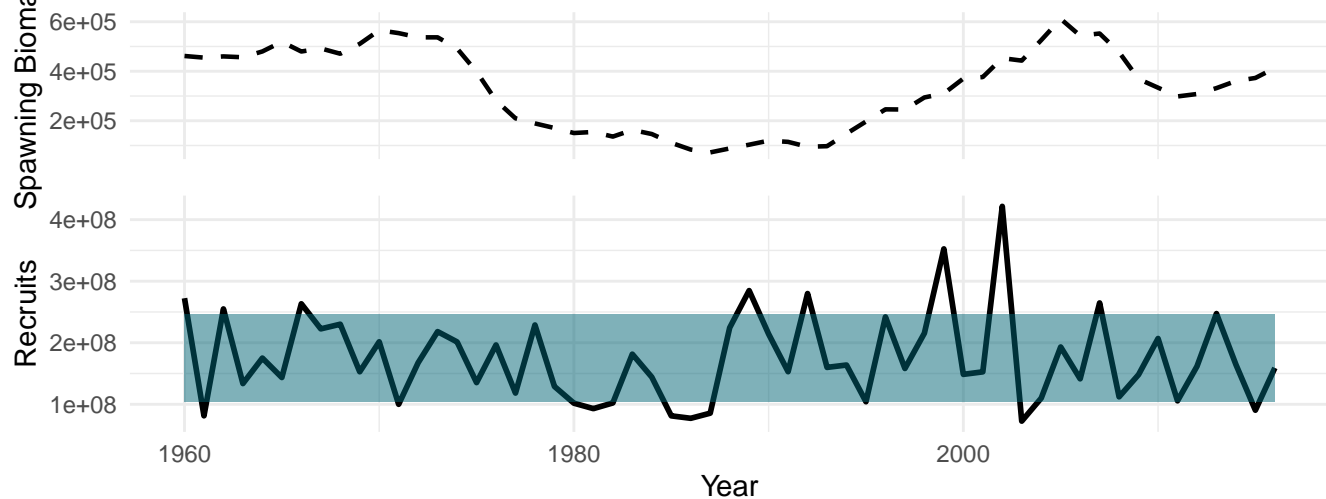


Pollock

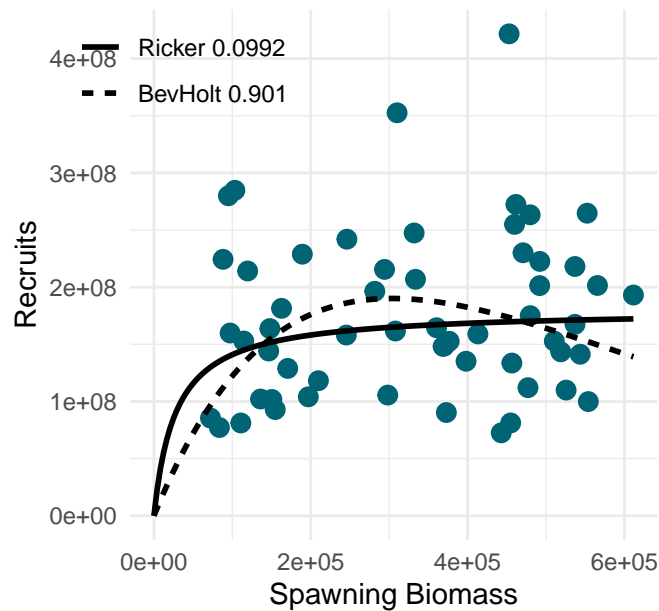
Pollachius virens

Area ID: multinational-ICES-I-II

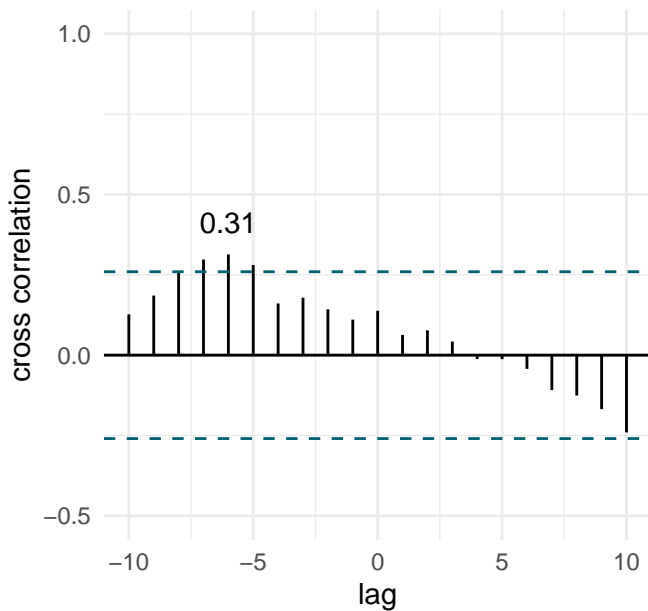
(a)



(b)



(c)

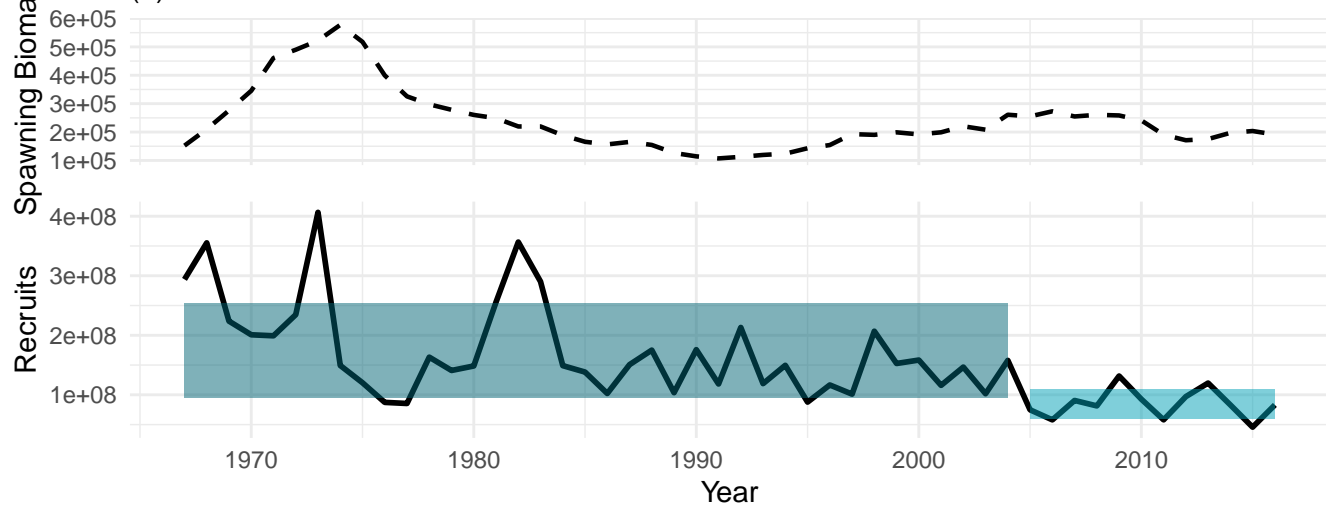


Pollock

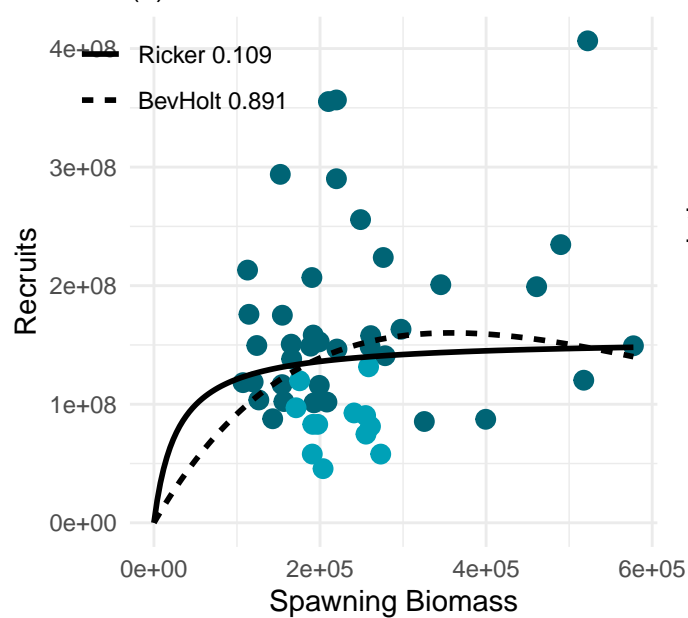
Pollachius virens

Area ID: multinational-ICES-IIIa-IV-VI

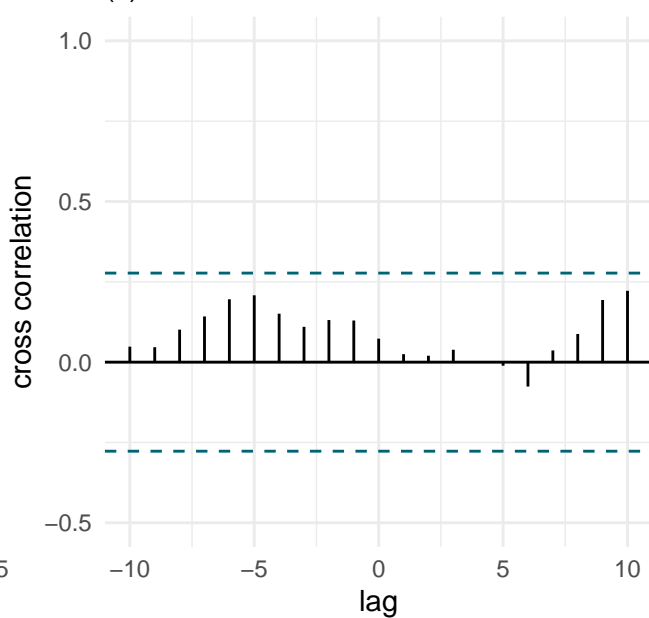
(a)



(b)



(c)

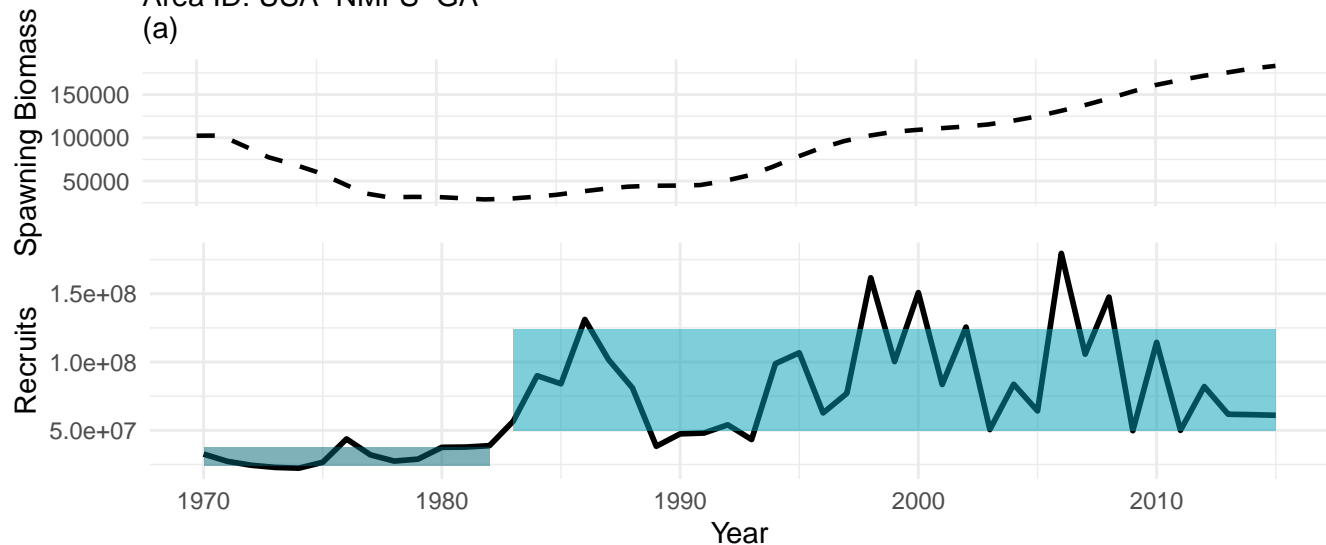


Pacific ocean perch

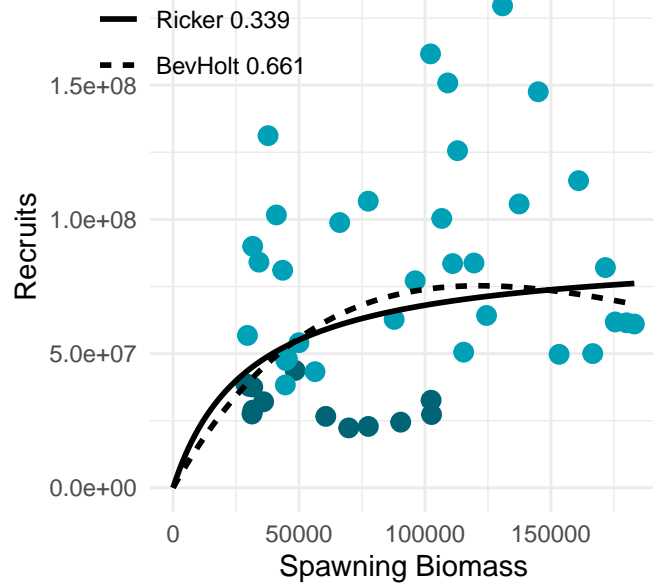
Sebastes alutus

Area ID: USA-NMFS-GA

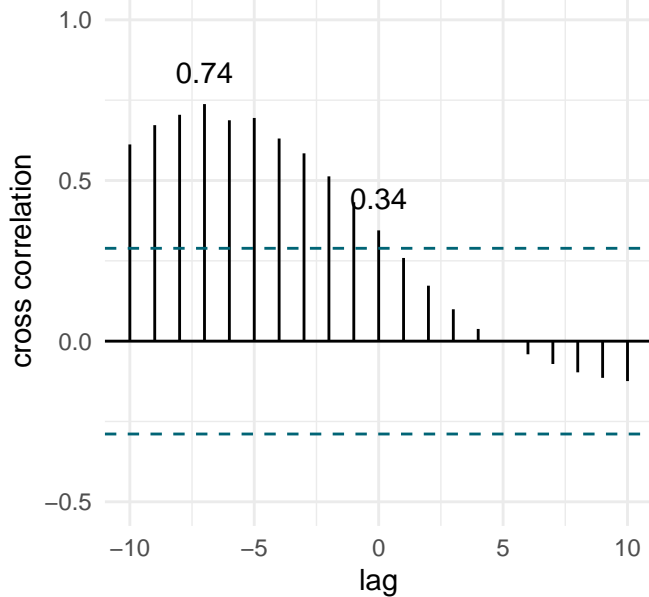
(a)



(b)



(c)

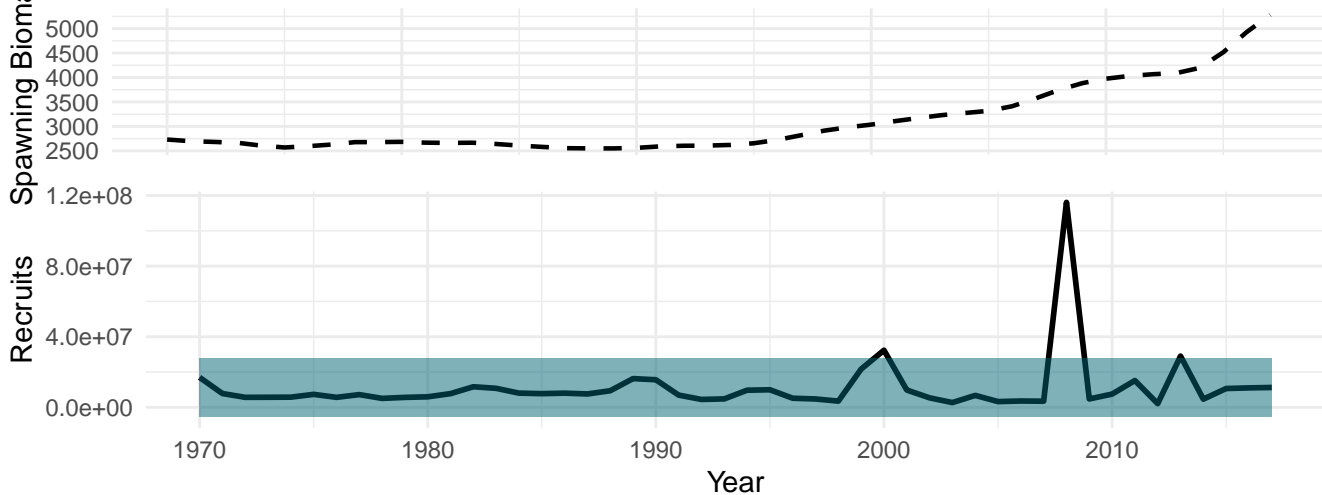


Pacific ocean perch

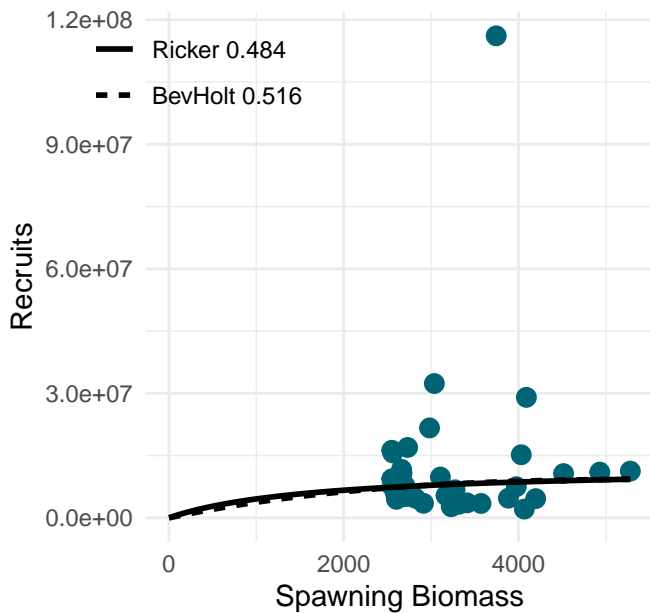
Sebastes alutus

Area ID: USA-NMFS-PCOAST

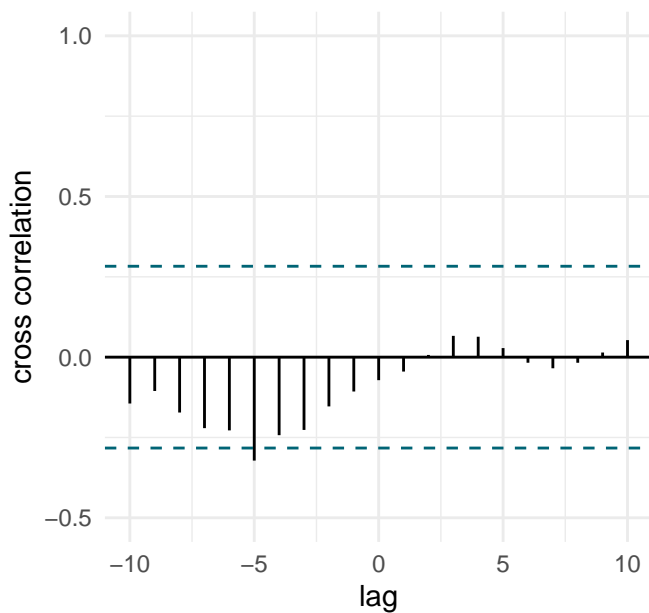
(a)



(b)



(c)

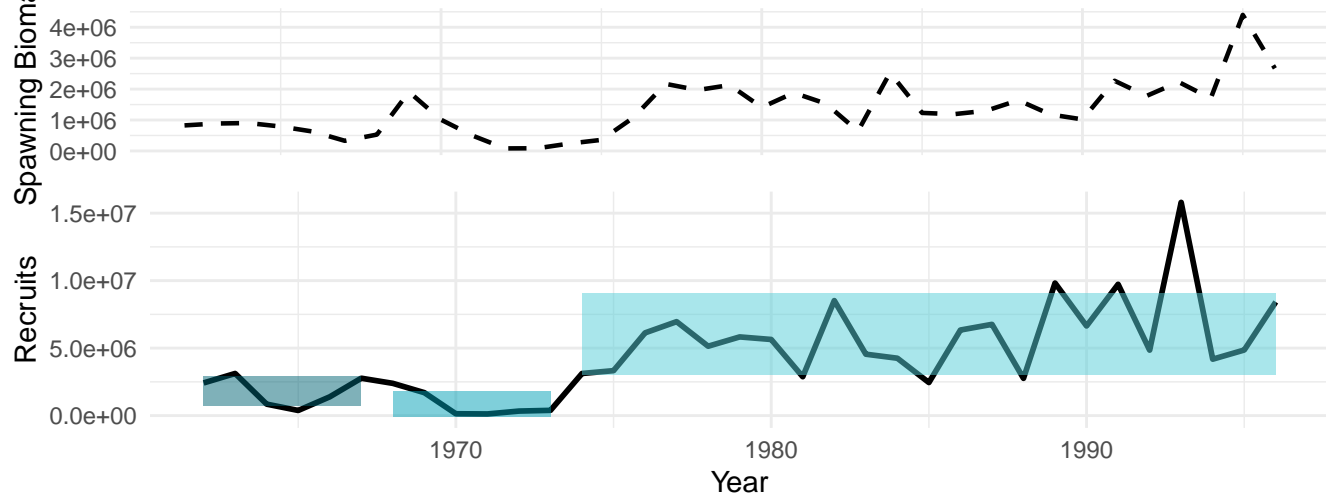


Pink salmon

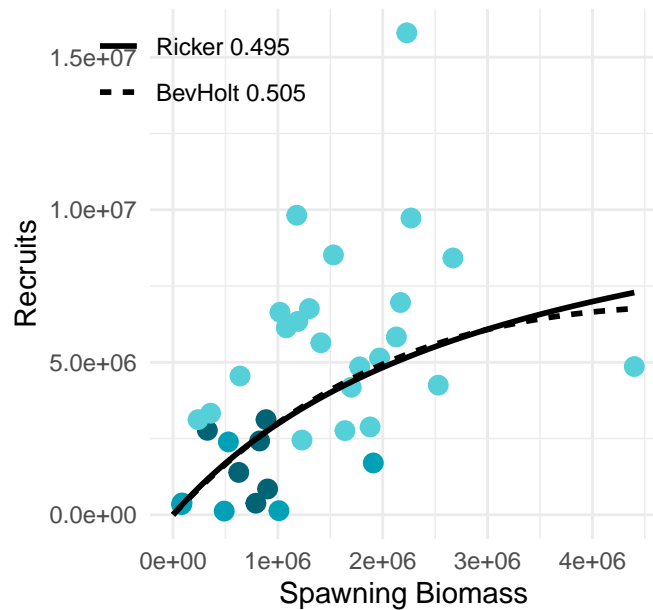
Oncorhynchus gorbuscha

Area ID: USA-AKSTATE-AKPSESCD

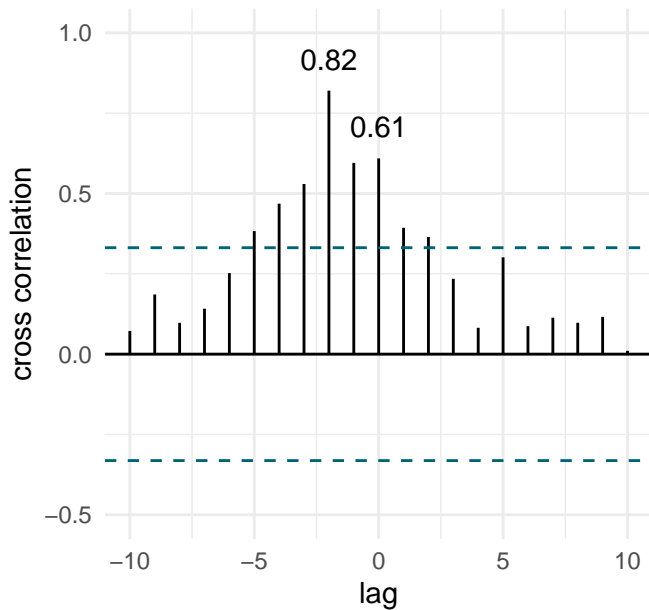
(a)



(b)



(c)

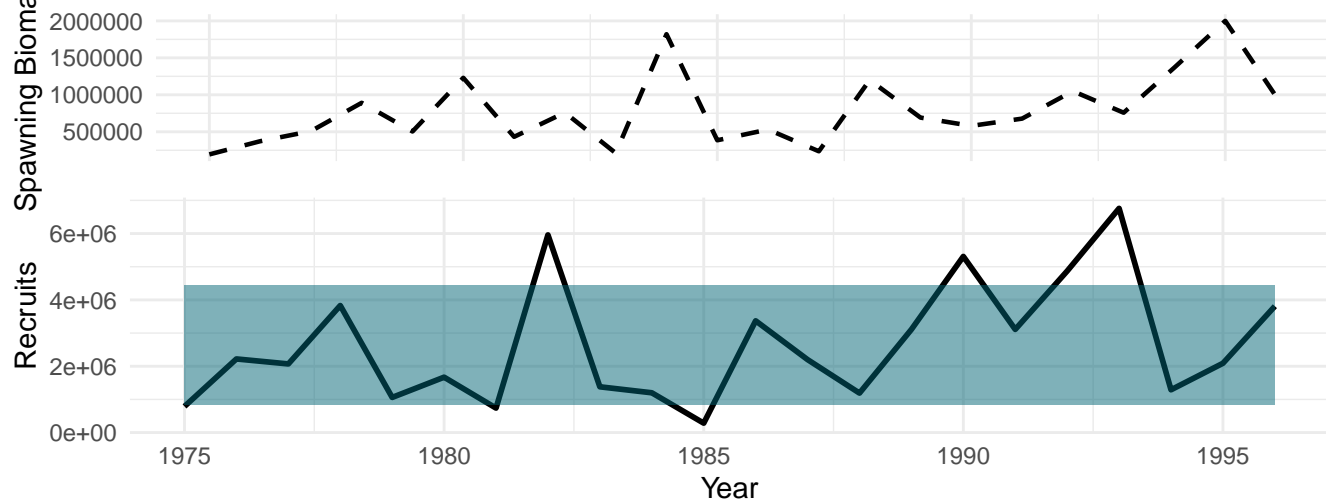


Pink salmon

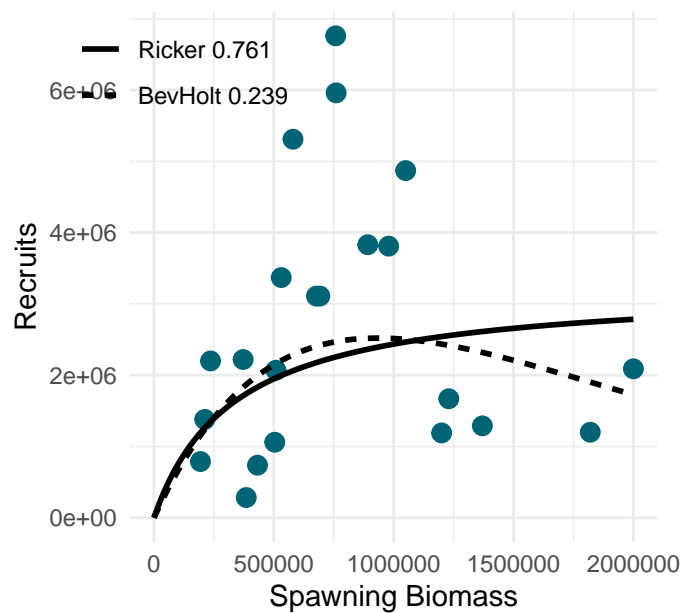
Oncorhynchus gorbuscha

Area ID: USA-AKSTATE-AKPSWUD

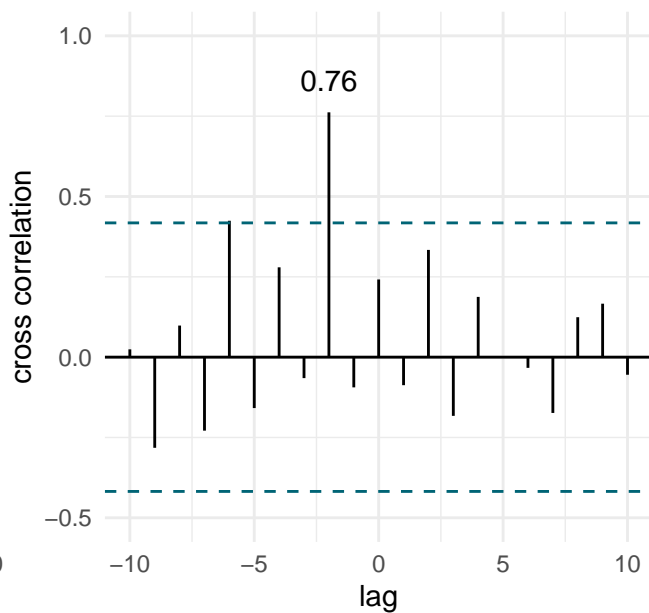
(a)



(b)



(c)

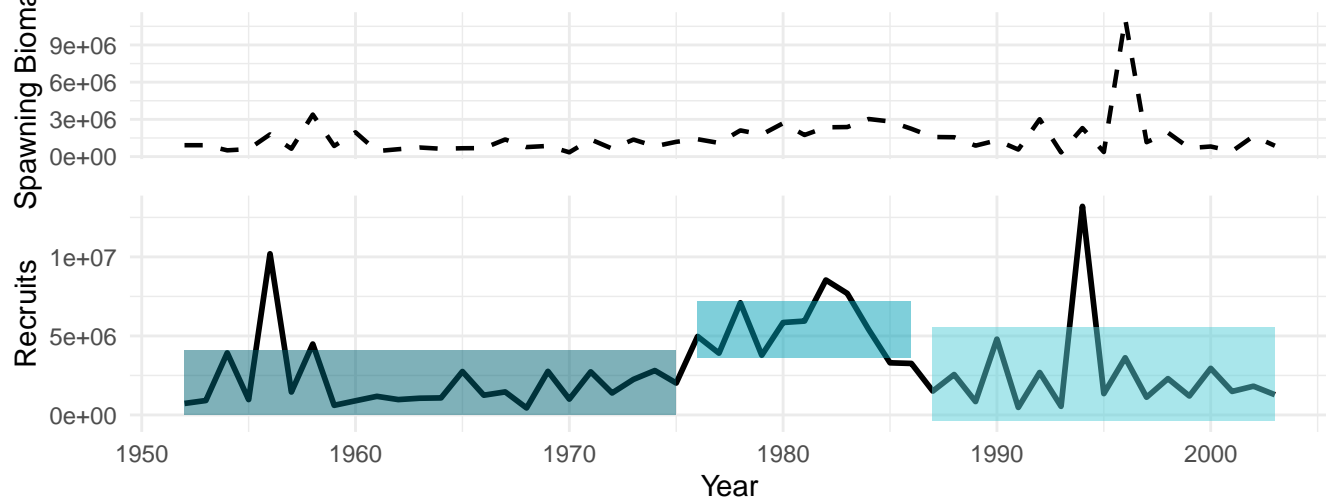


Pink salmon

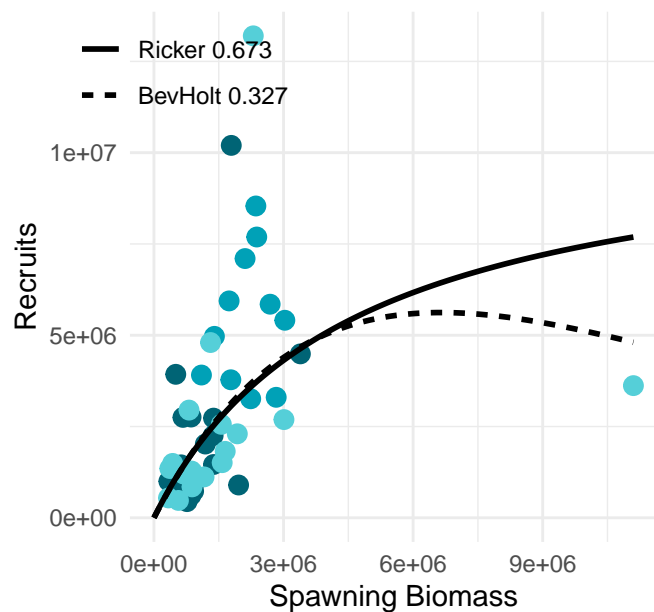
Oncorhynchus gorbuscha

Area ID: Russia-TINRO-AMURPW

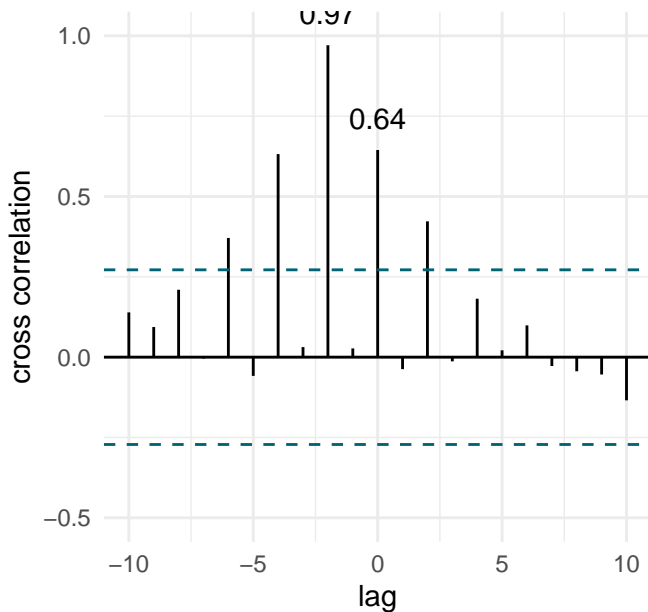
(a)



(b)



(c)

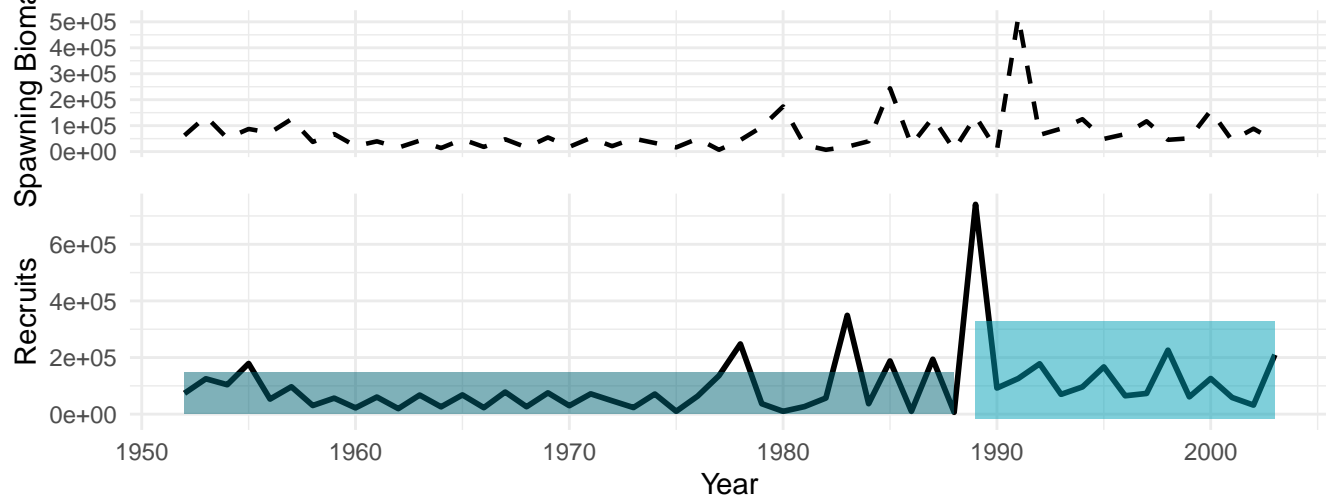


Pink salmon

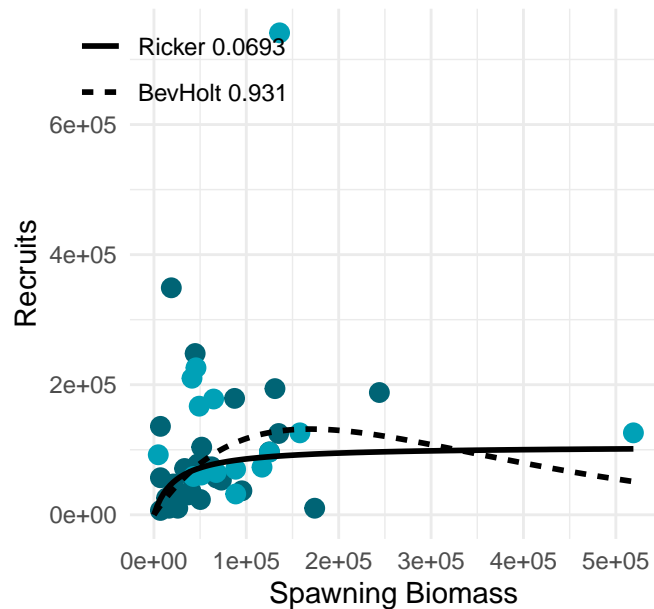
Oncorhynchus gorbuscha

Area ID: Russia-TINRO-ANADYRPW

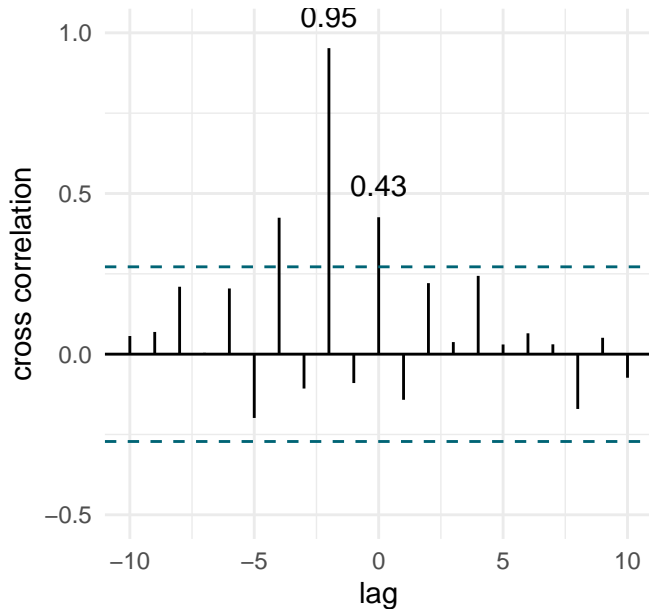
(a)



(b)



(c)

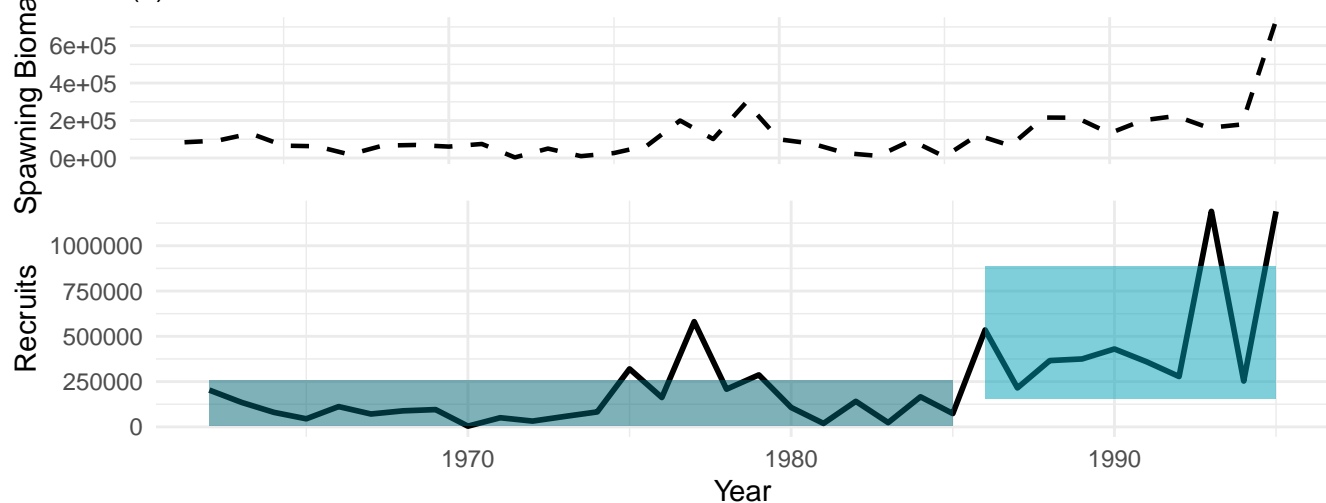


Pink salmon

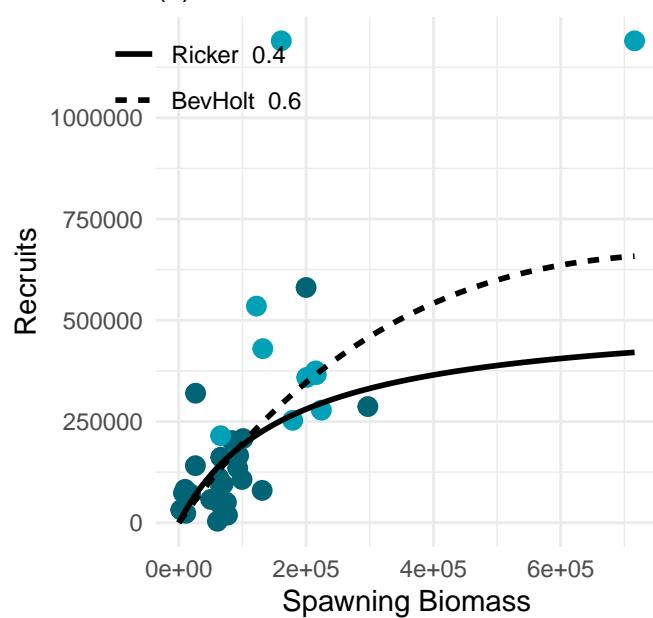
Oncorhynchus gorbuscha

Area ID: USA-AKSTATE-CHIGNIKCD

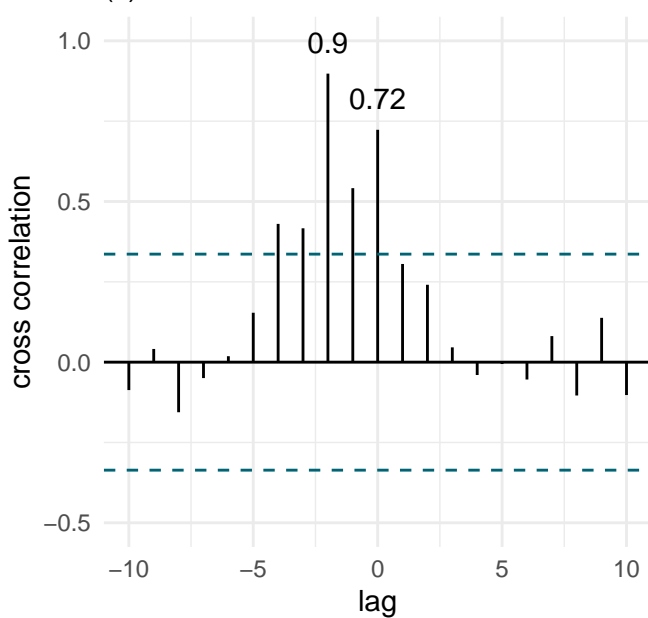
(a)



(b)



(c)

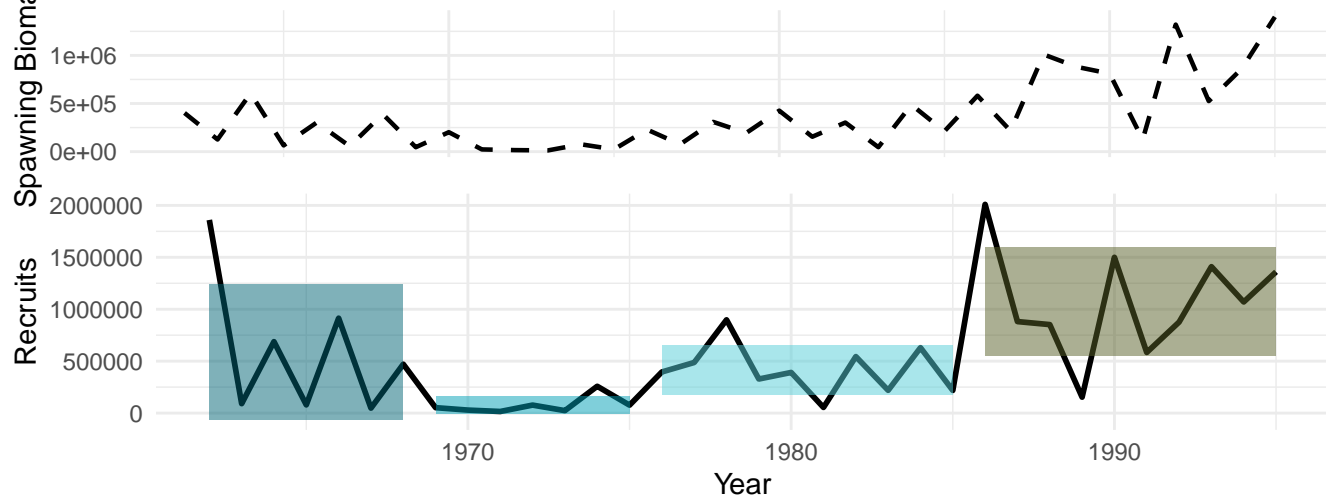


Pink salmon

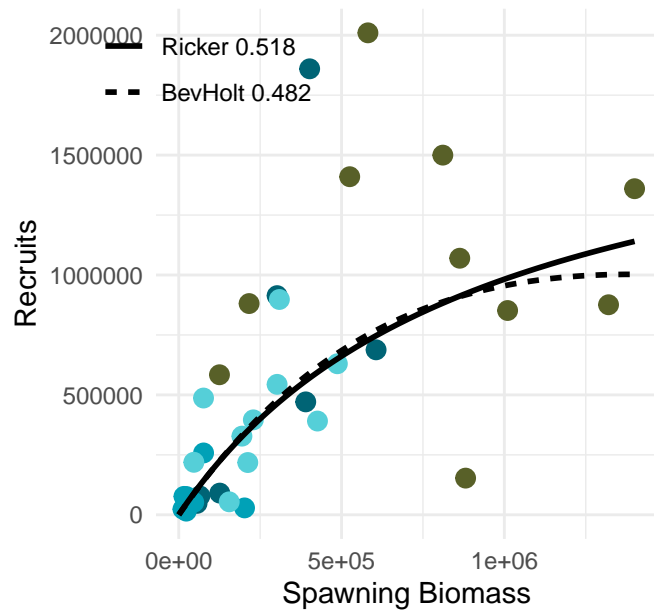
Oncorhynchus gorbuscha

Area ID: USA-AKSTATE-CHIGNIKED

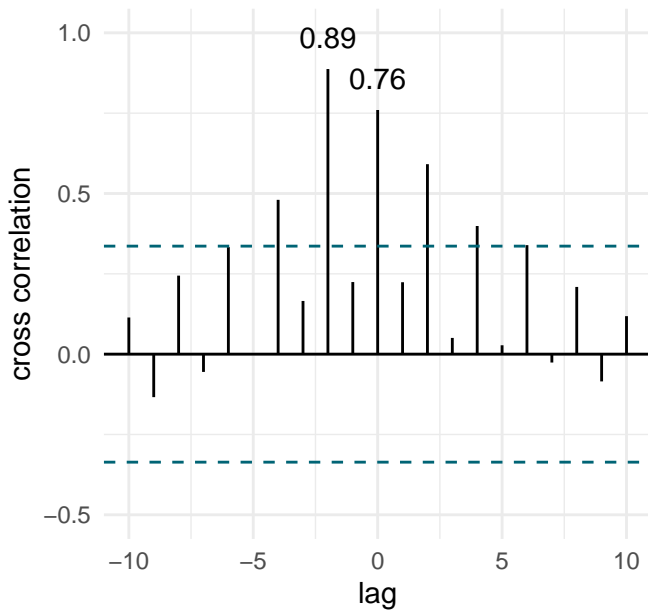
(a)



(b)



(c)

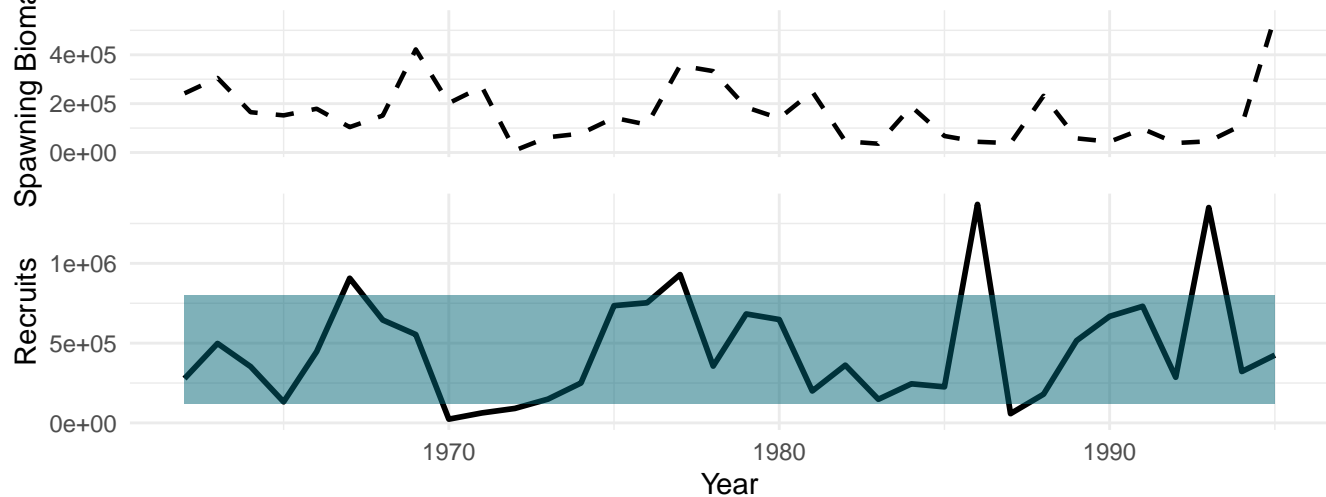


Pink salmon

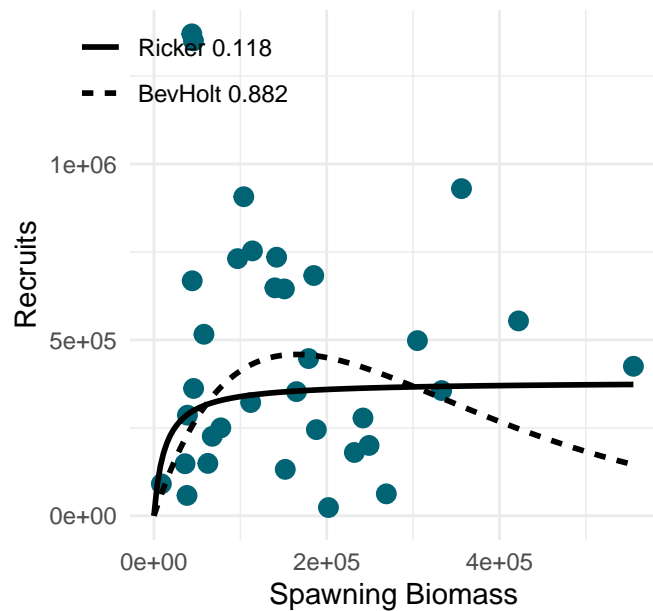
Oncorhynchus gorbuscha

Area ID: USA-AKSTATE-CHIGNIKWD

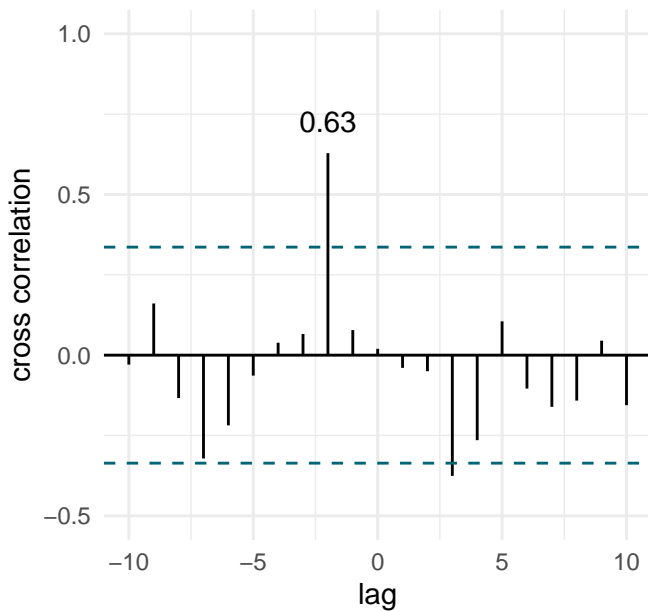
(a)



(b)



(c)

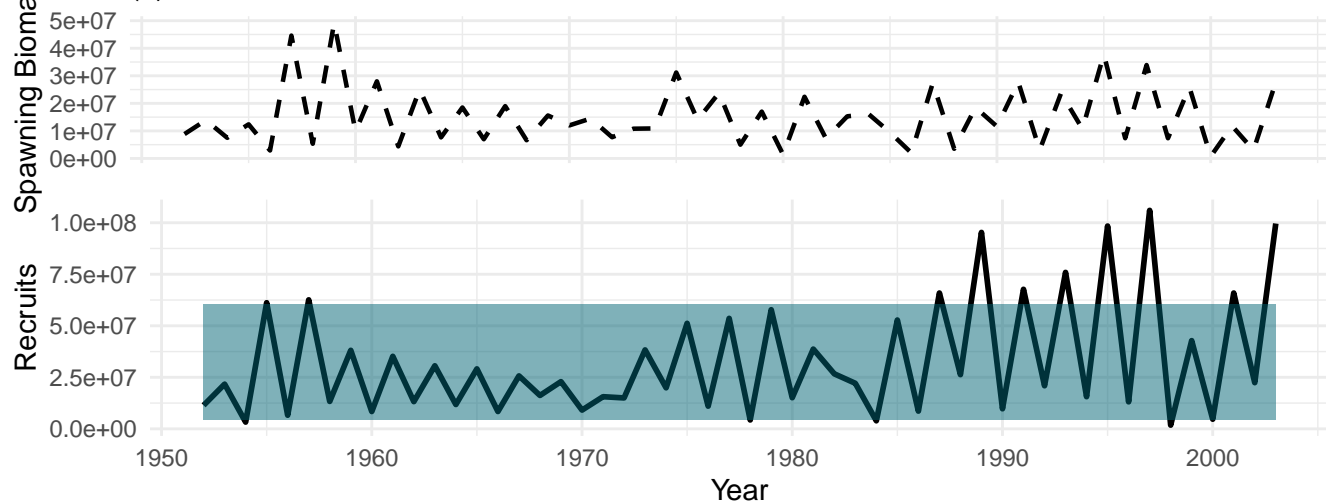


Pink salmon

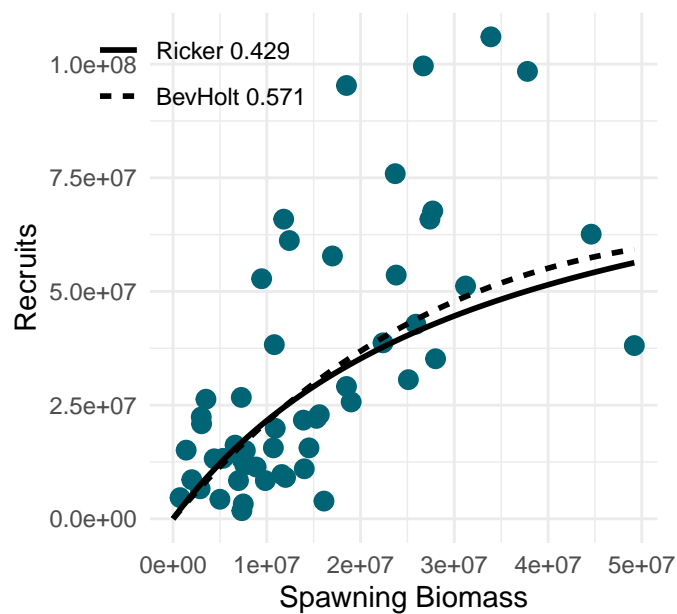
Oncorhynchus gorbuscha

Area ID: Russia-TINRO-EKAMPW

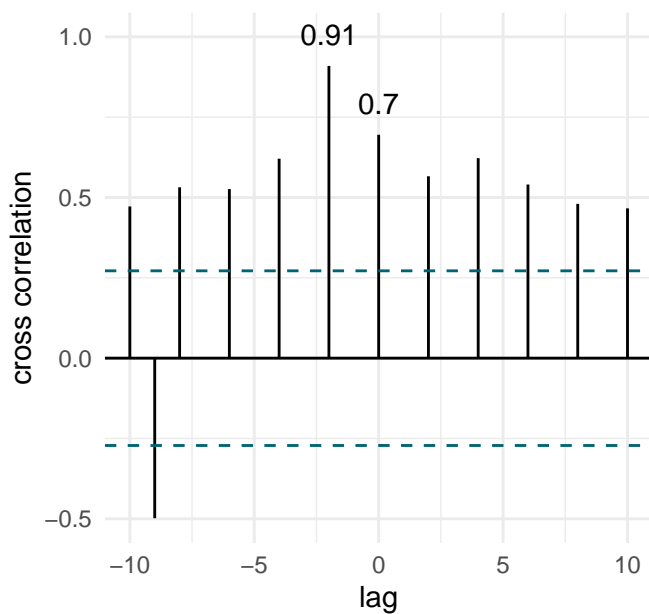
(a)



(b)



(c)

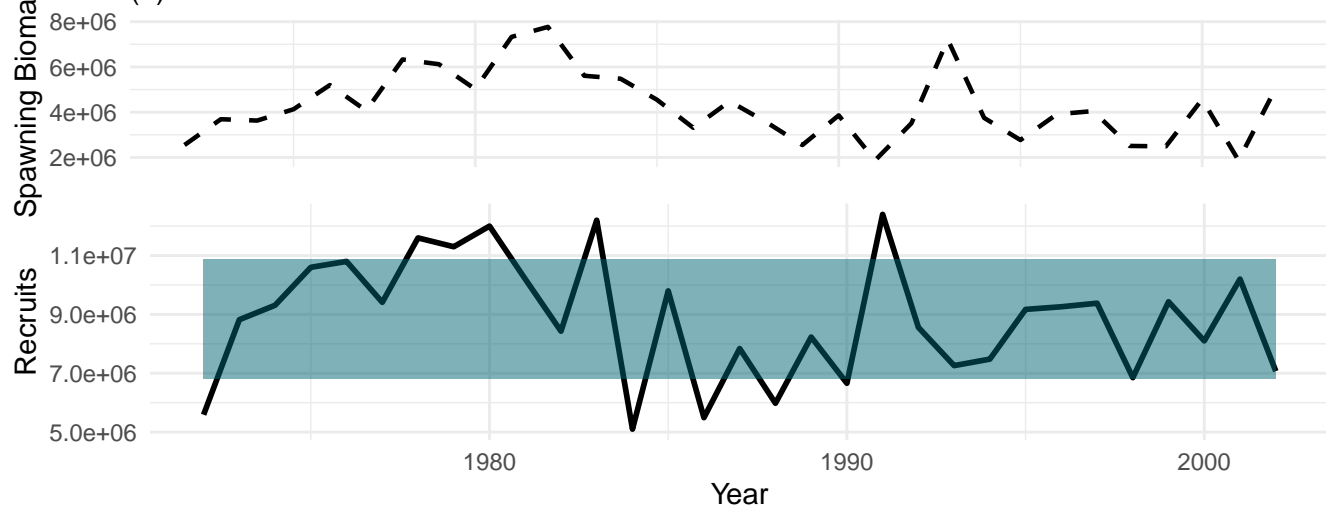


Pink salmon

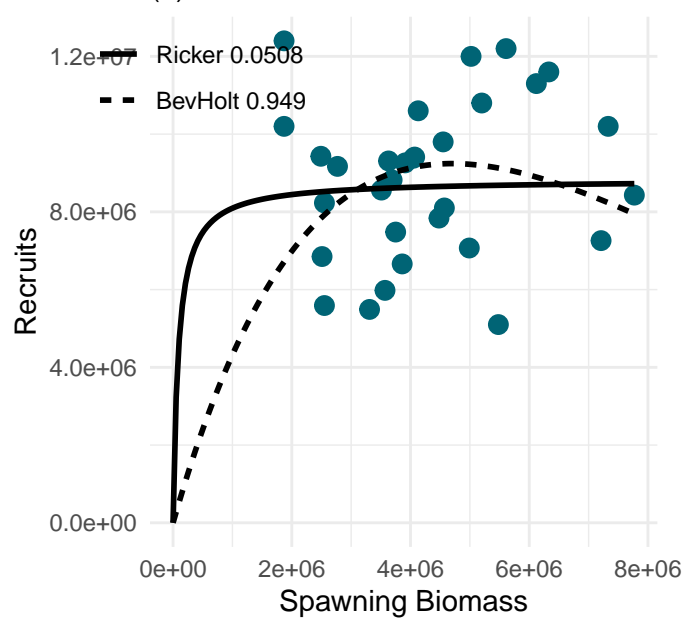
Oncorhynchus gorbuscha

Area ID: Russia-TINRO-ESAKPH

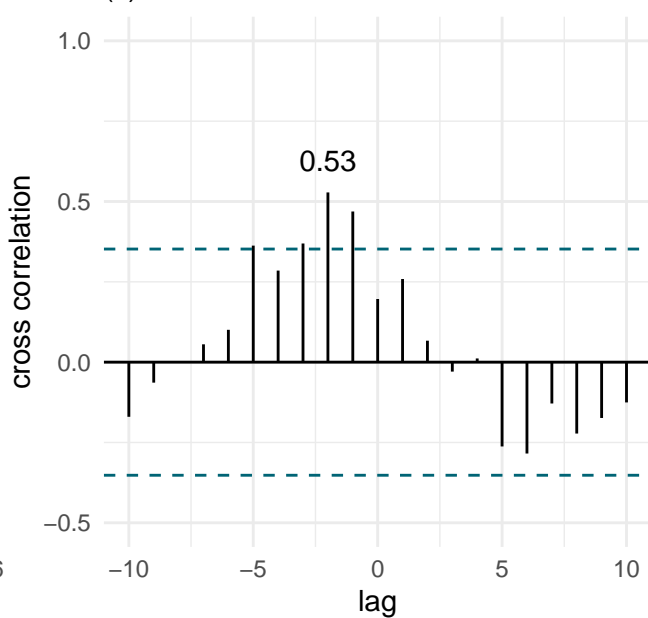
(a)



(b)



(c)

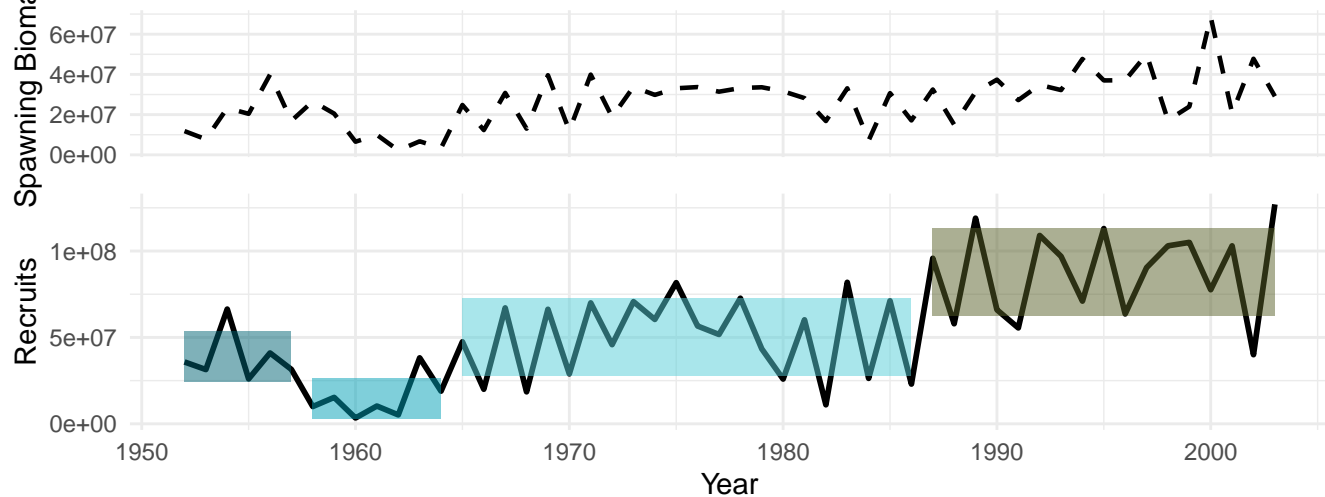


Pink salmon

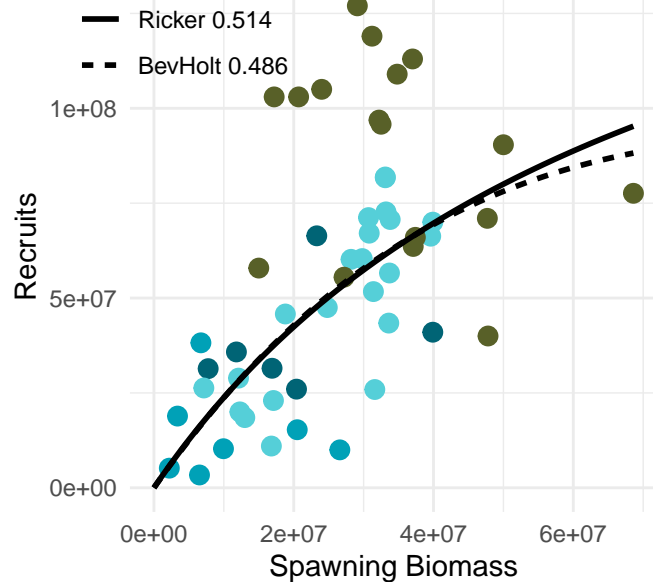
Oncorhynchus gorbuscha

Area ID: Russia-TINRO-ESAKPW

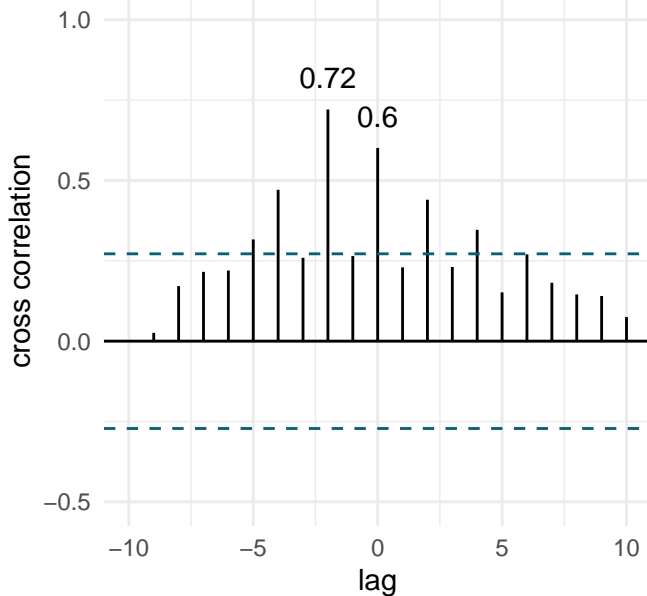
(a)



(b)



(c)

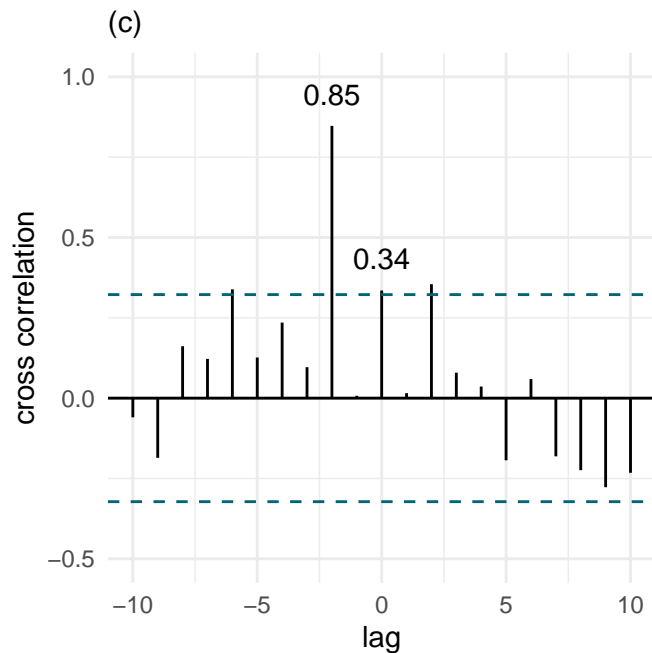
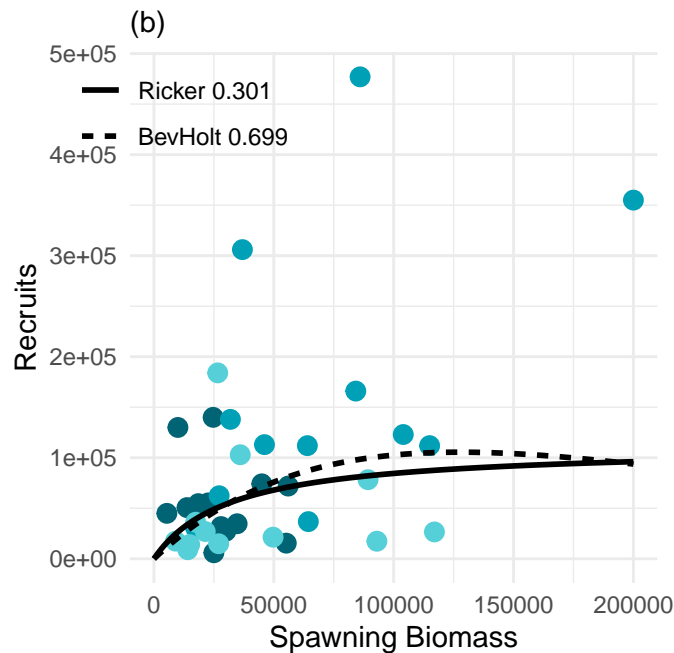
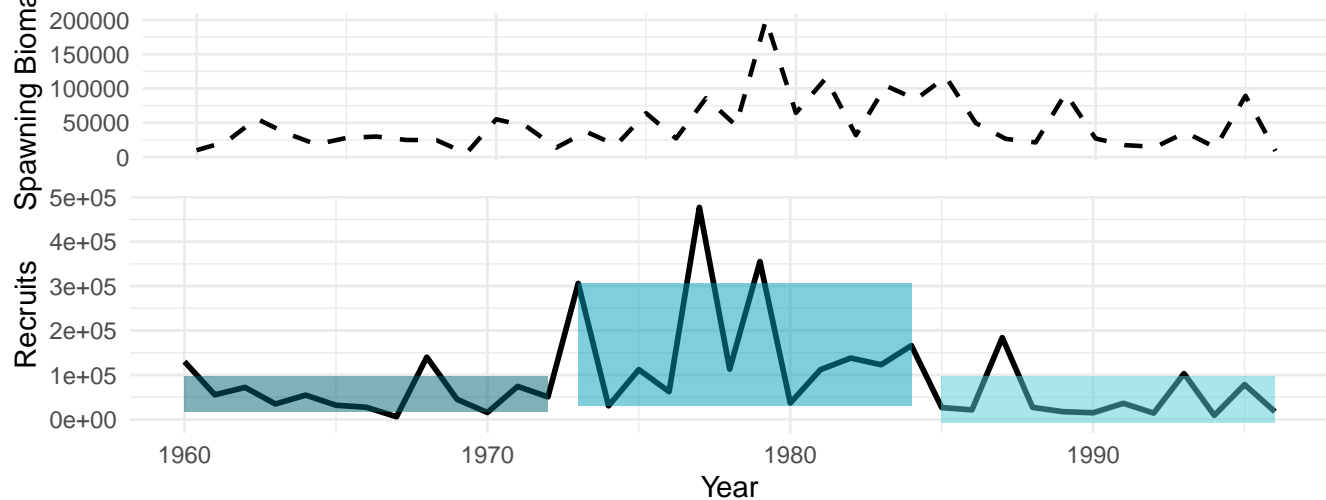


Pink salmon

Oncorhynchus gorbuscha

Area ID: USA-AKSTATE-HUMPYCCISD

(a)

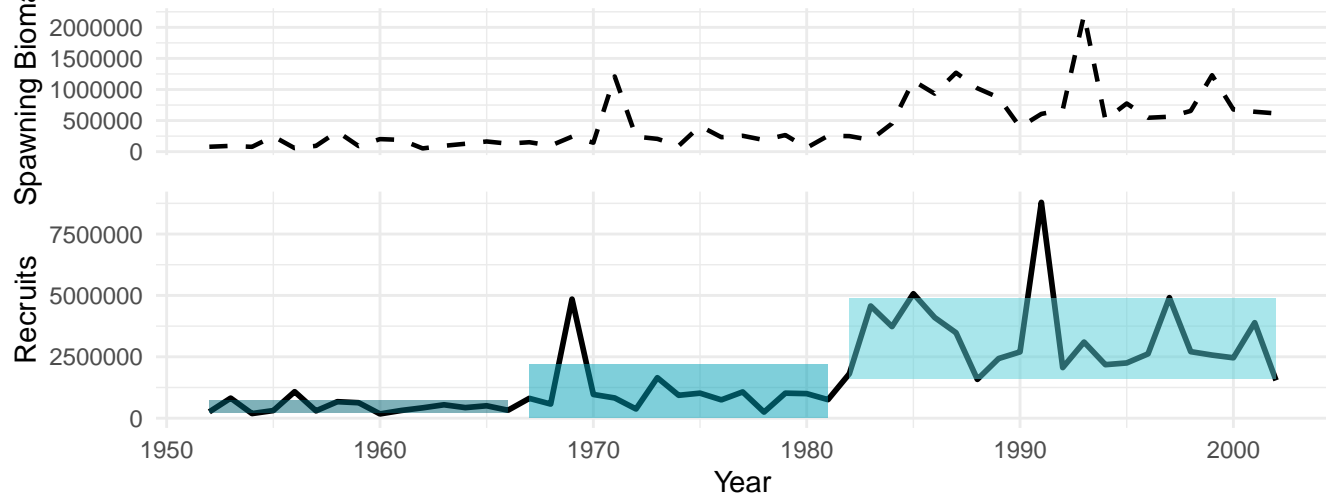


Pink salmon

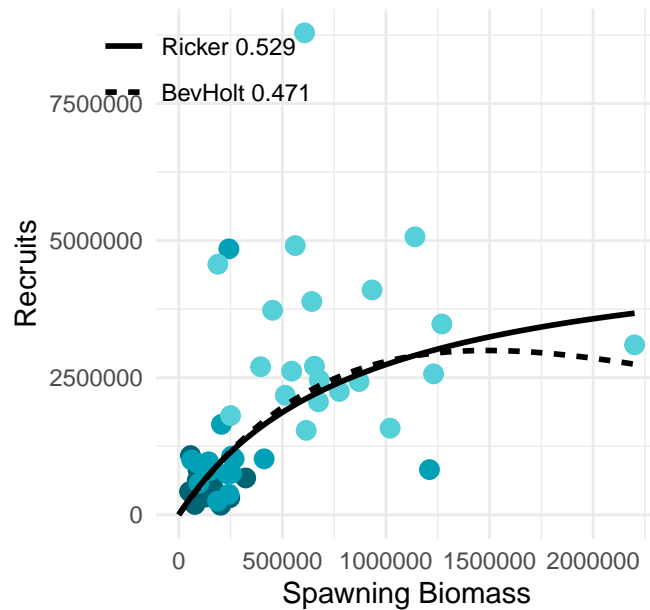
Oncorhynchus gorbuscha

Area ID: Japan-FAJ-JCPH

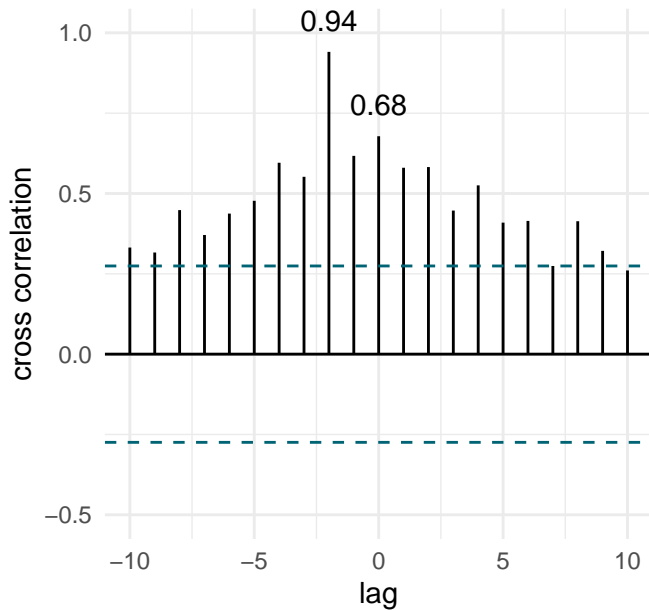
(a)



(b)



(c)

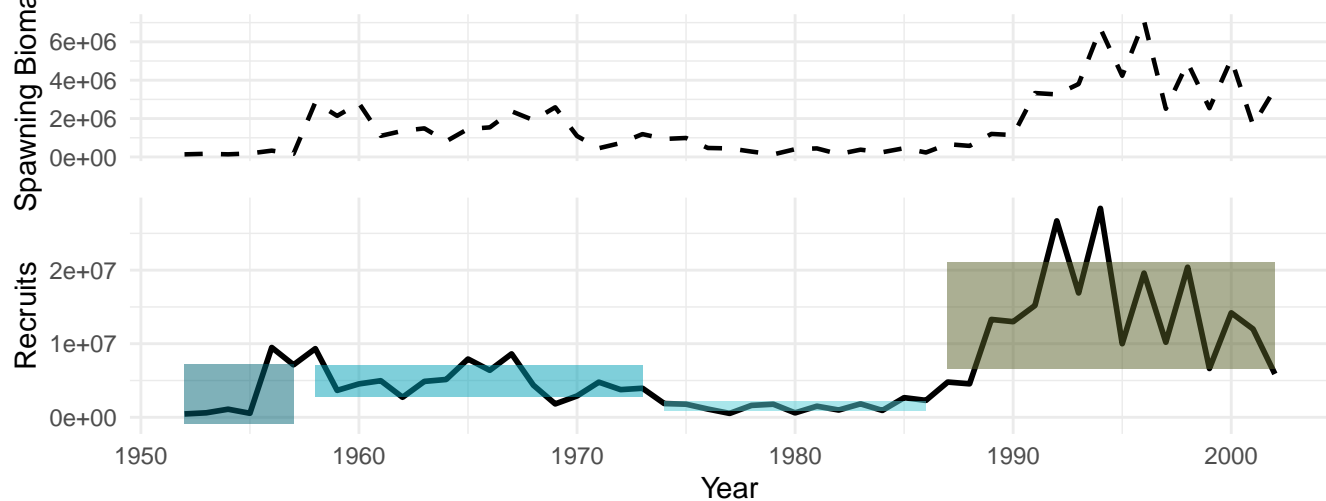


Pink salmon

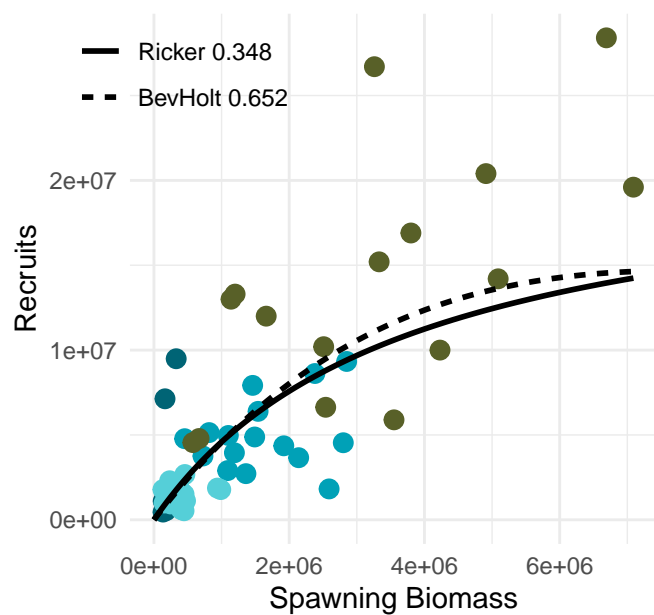
Oncorhynchus gorbuscha

Area ID: Japan-FAJ-JCPW

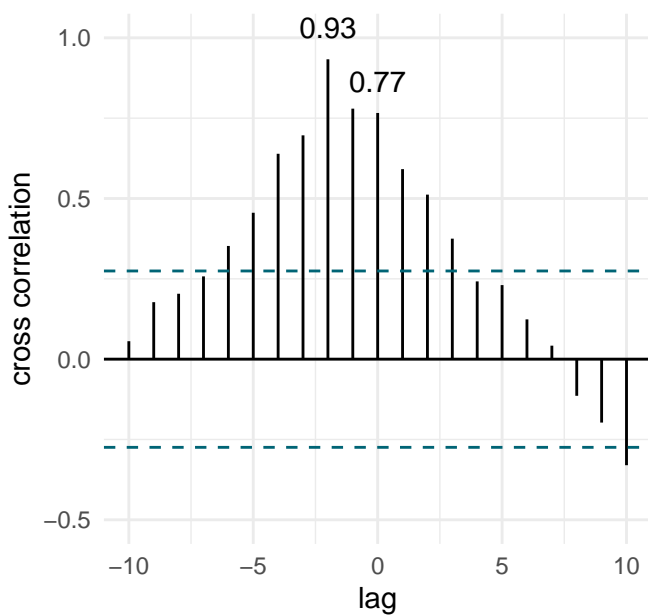
(a)



(b)



(c)

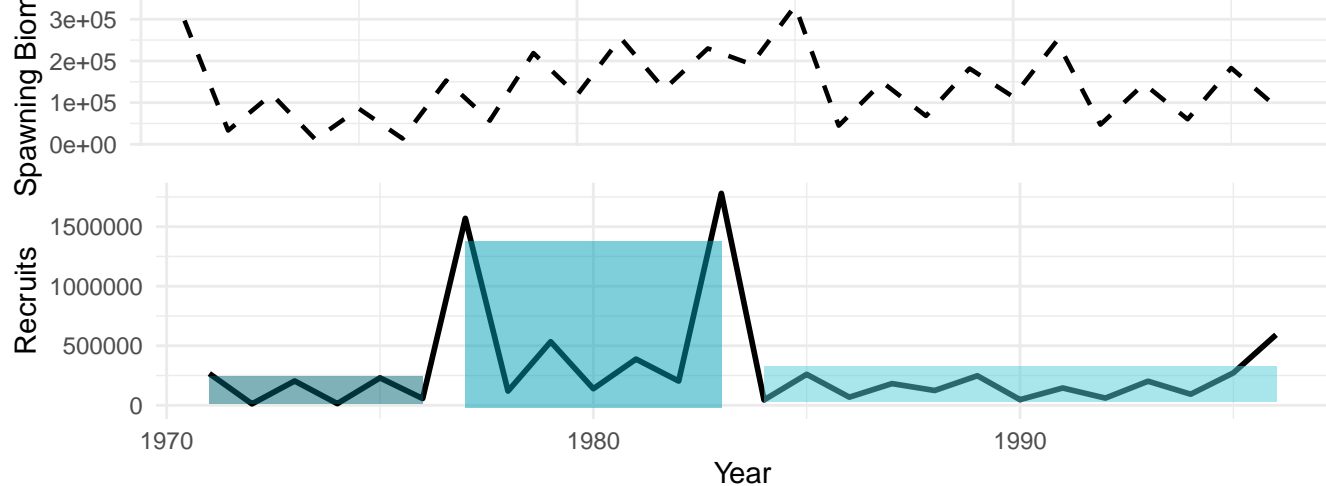


Pink salmon

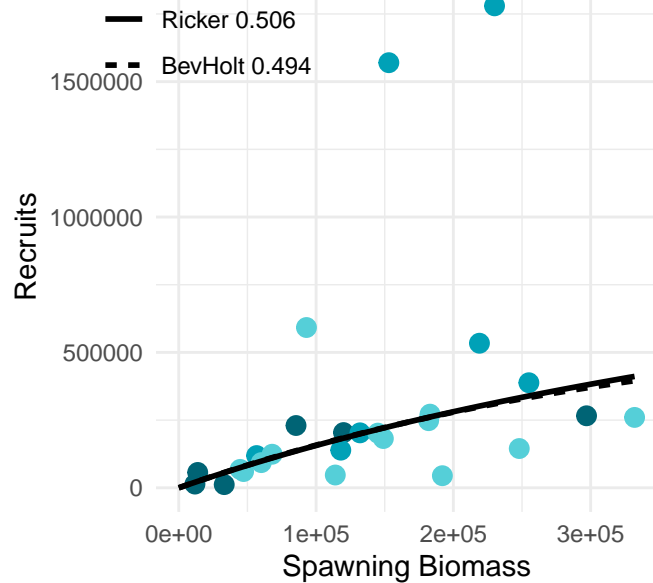
Oncorhynchus gorbuscha

Area ID: USA-AKSTATE-MONTD

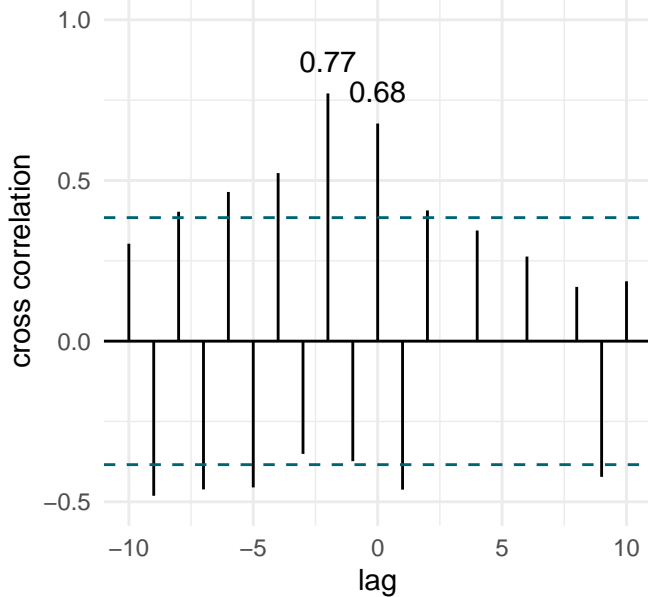
(a)



(b)



(c)

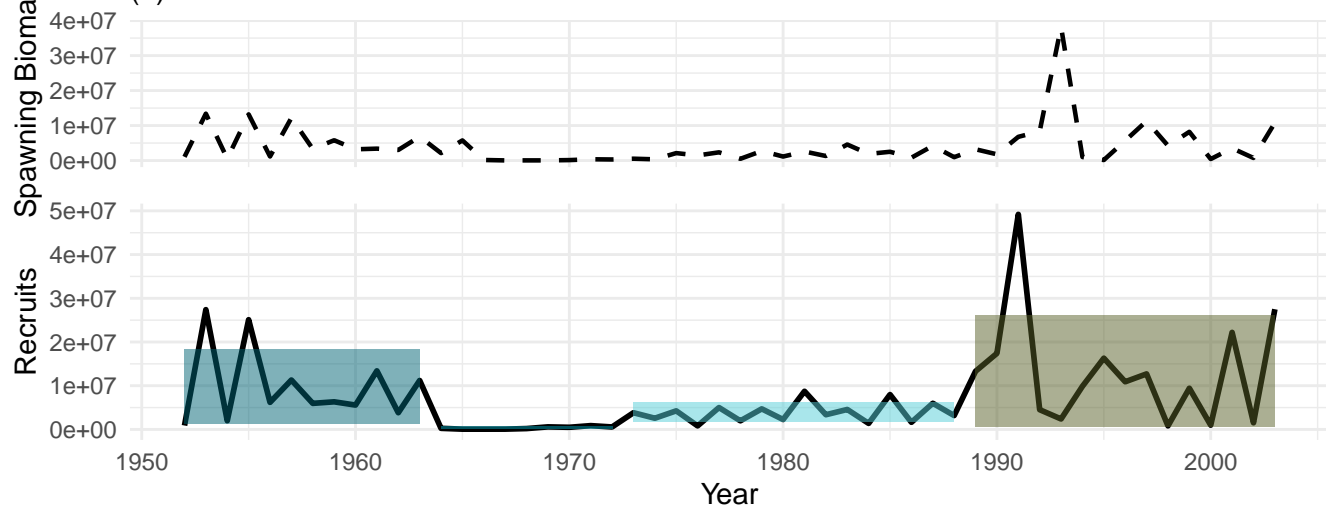


Pink salmon

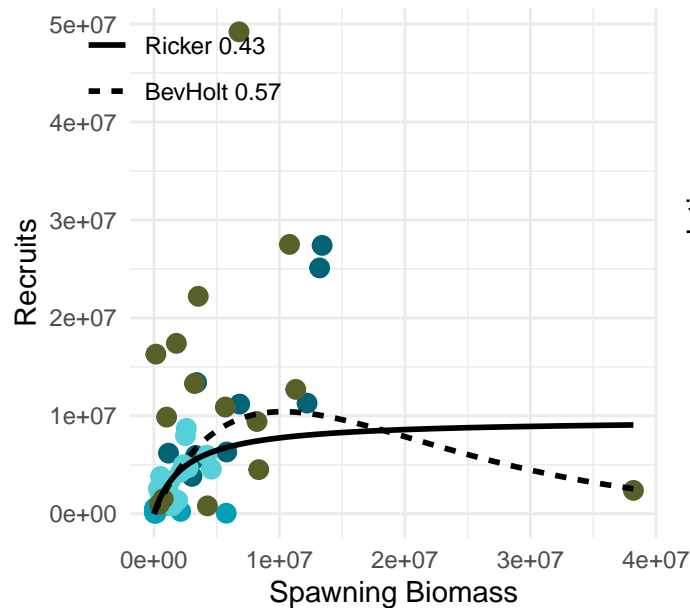
Oncorhynchus gorbuscha

Area ID: Russia-TINRO-OKPW

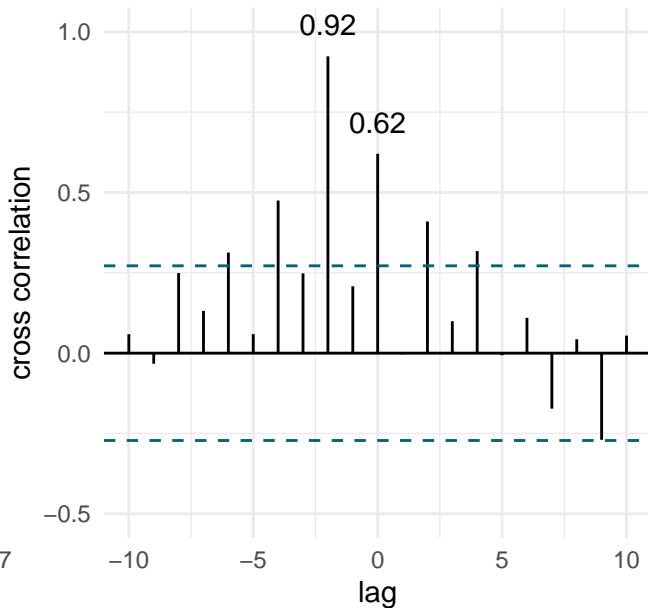
(a)



(b)



(c)

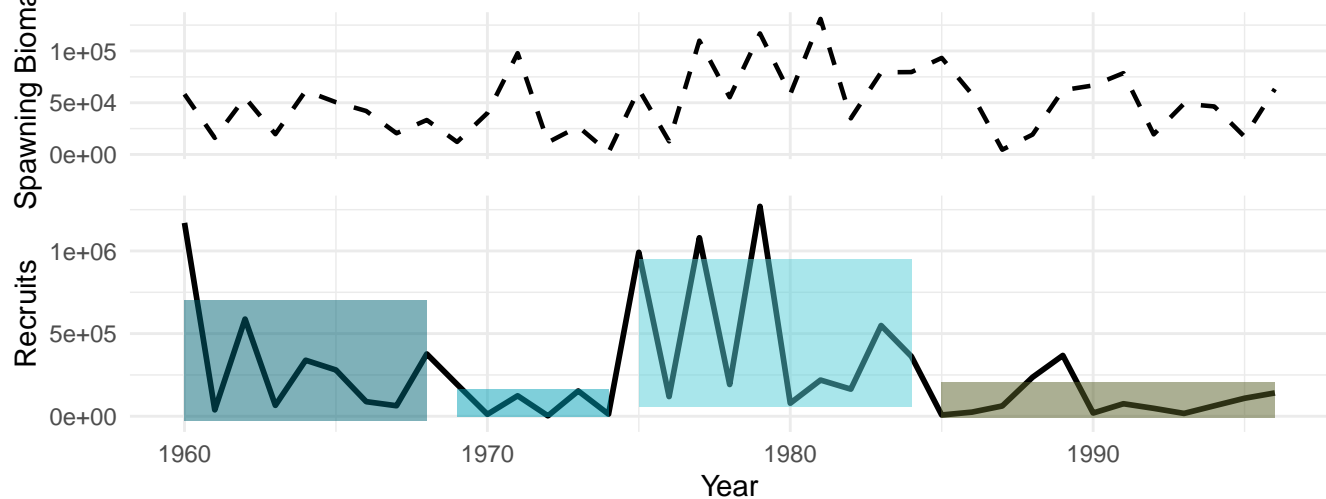


Pink salmon

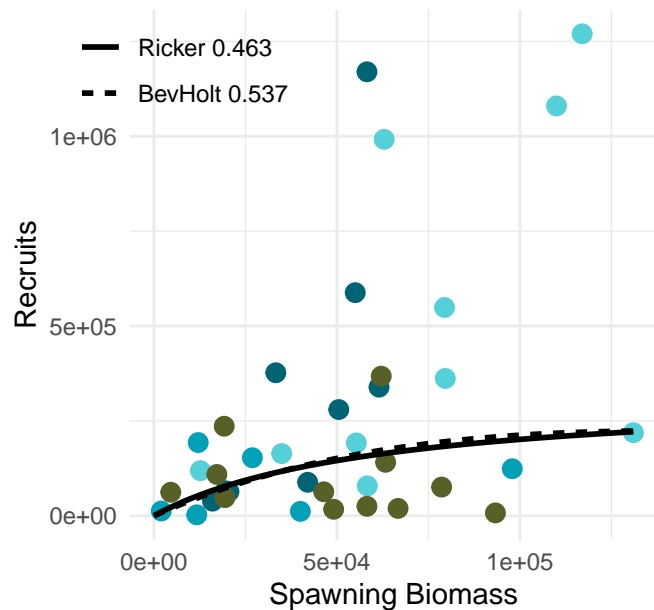
Oncorhynchus gorbuscha

Area ID: USA-AKSTATE-PDICK

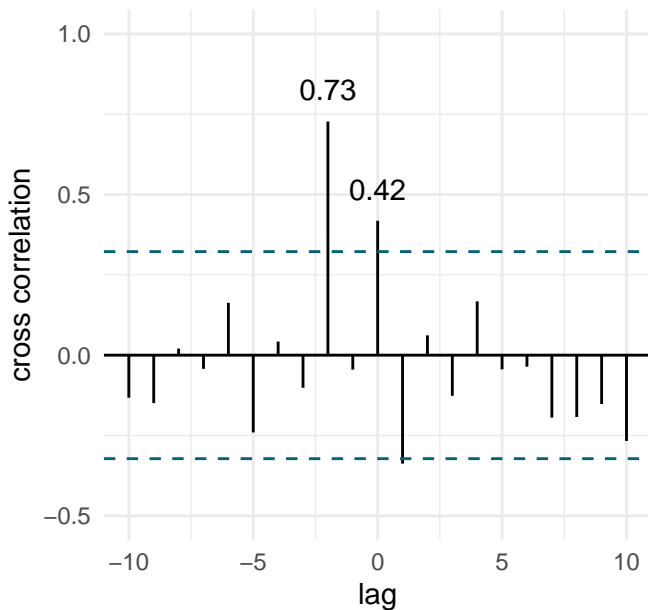
(a)



(b)



(c)

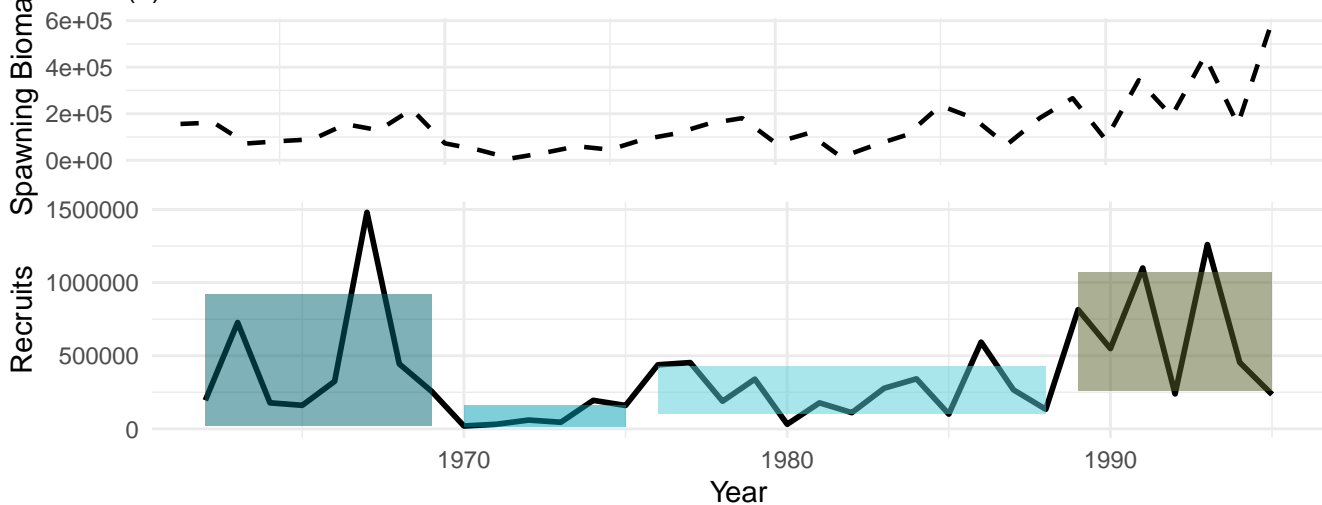


Pink salmon

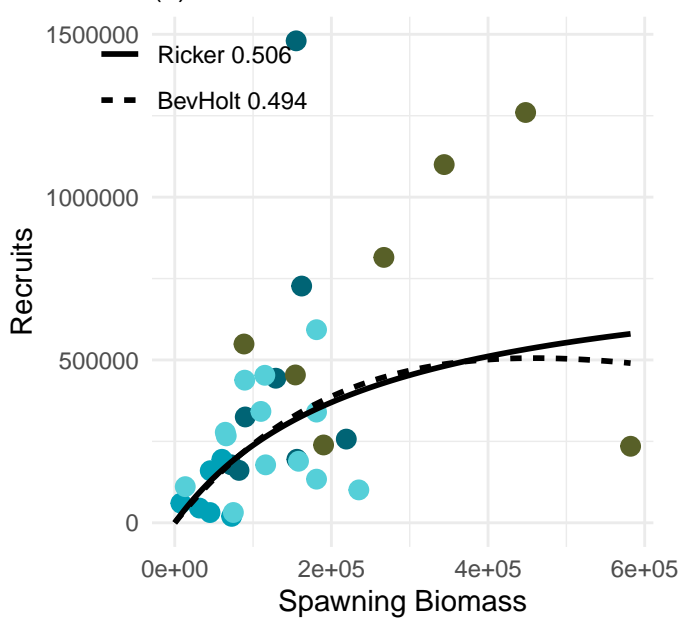
Oncorhynchus gorbuscha

Area ID: USA-AKSTATE-PERRYVILLED

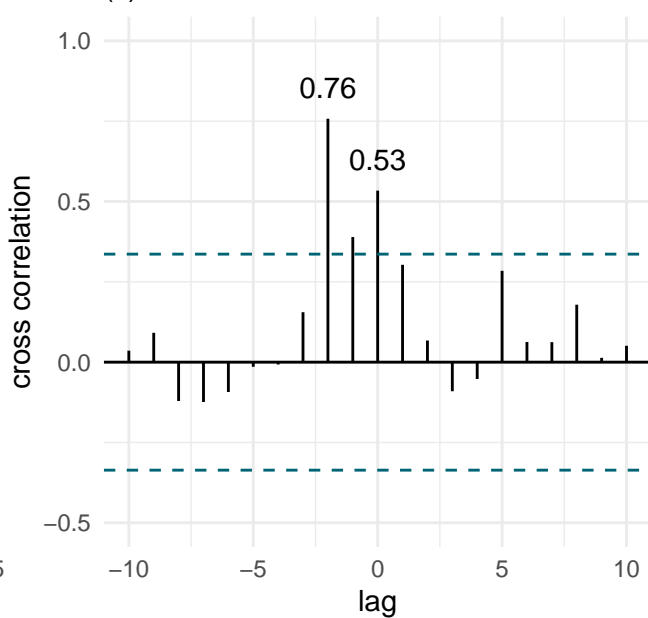
(a)



(b)



(c)

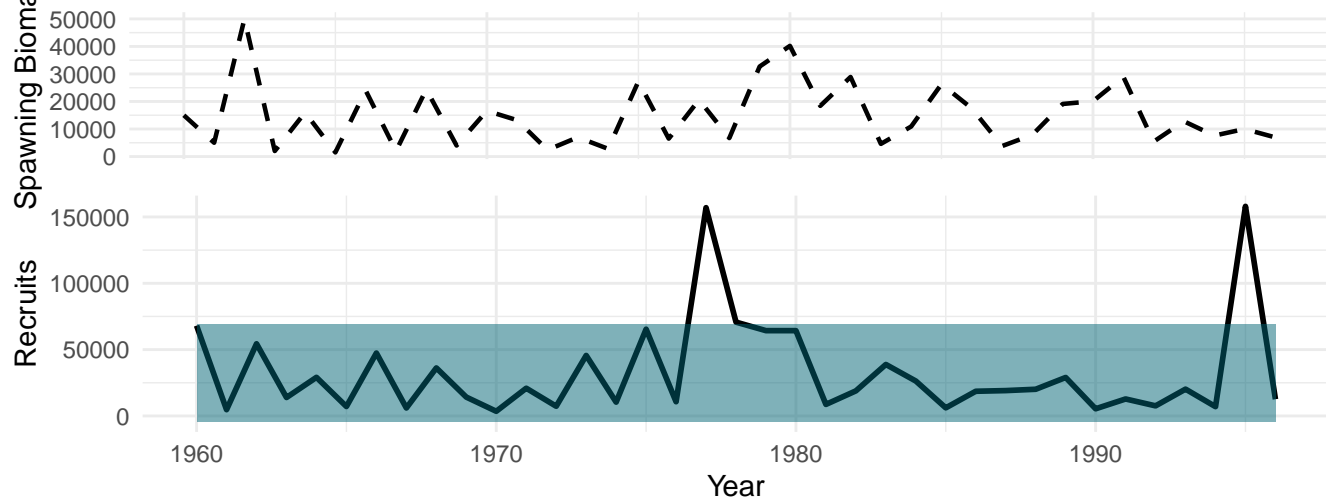


Pink salmon

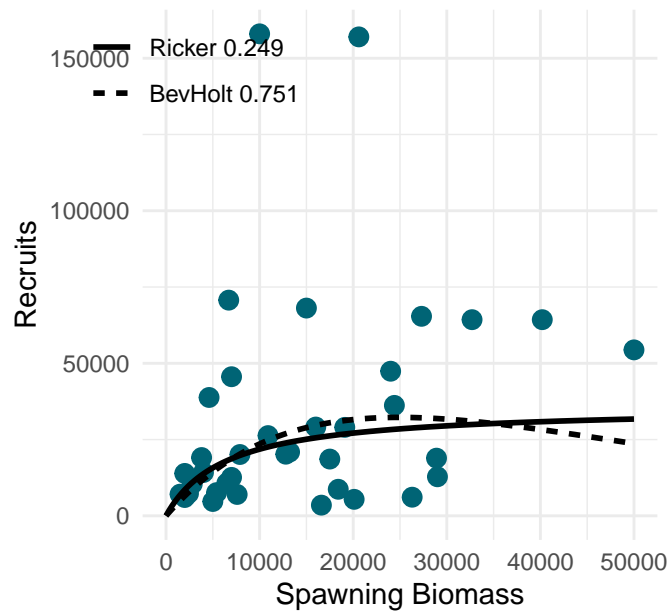
Oncorhynchus gorbuscha

Area ID: USA-AKSTATE-PGRAHAMSD

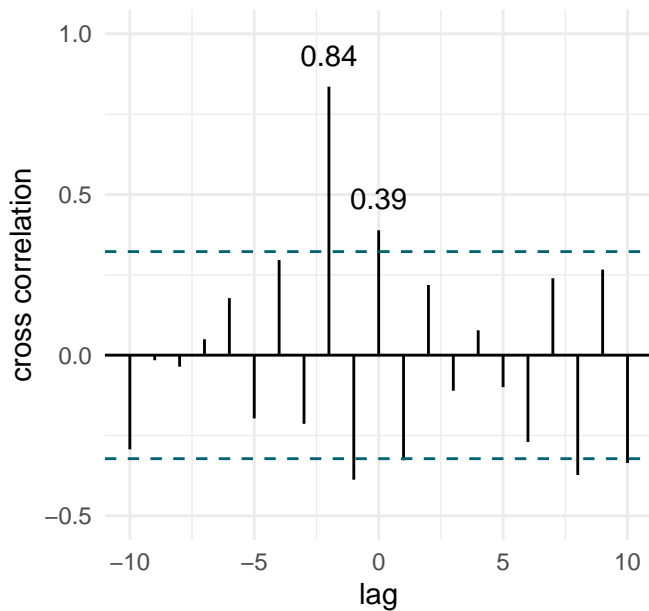
(a)



(b)



(c)

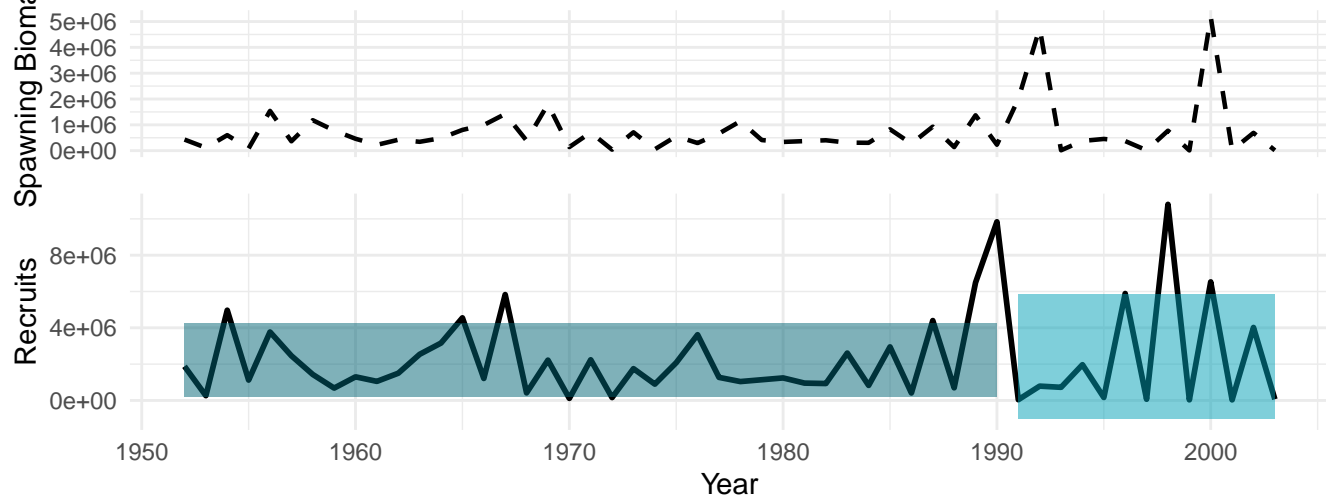


Pink salmon

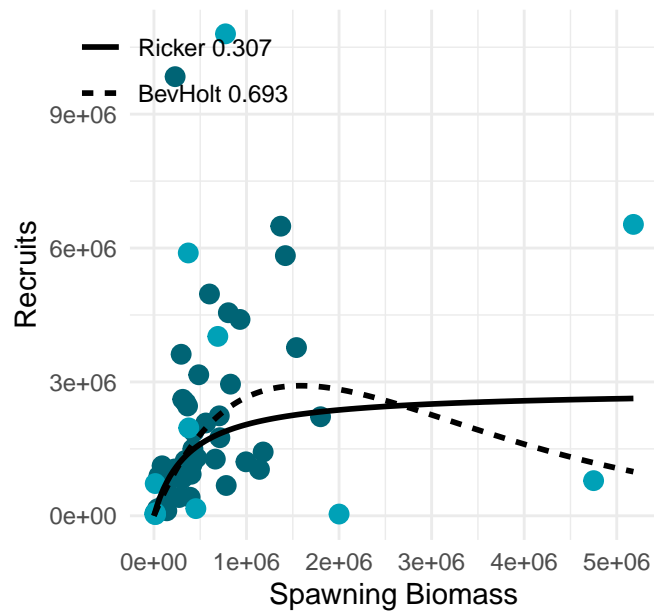
Oncorhynchus gorbuscha

Area ID: Russia-TINRO-PRIMPW

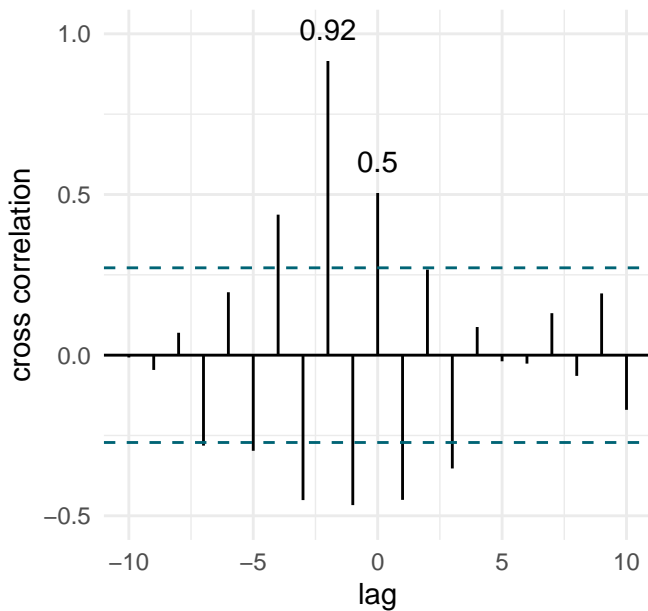
(a)



(b)



(c)

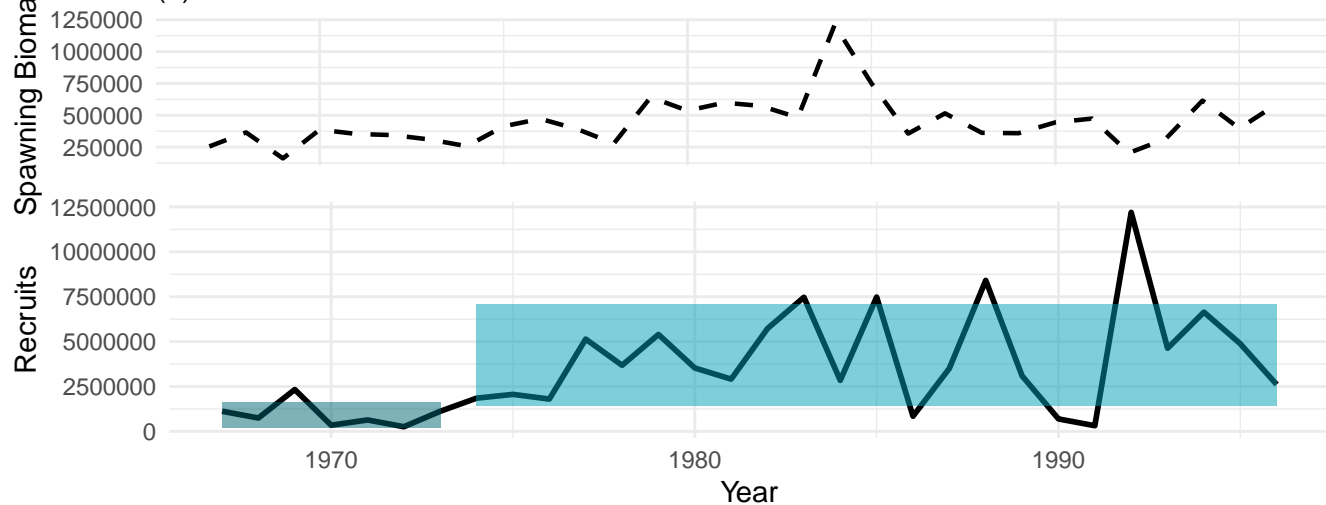


Pink salmon

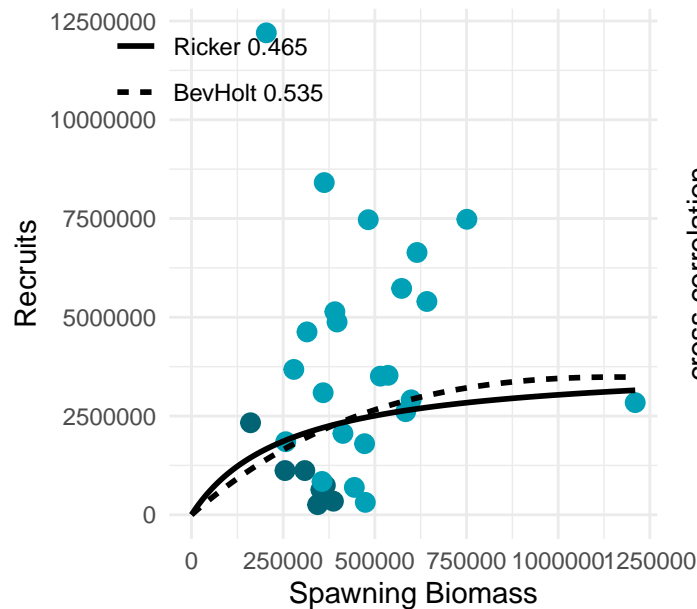
Oncorhynchus gorbuscha

Area ID: USA-AKSTATE-PWSED

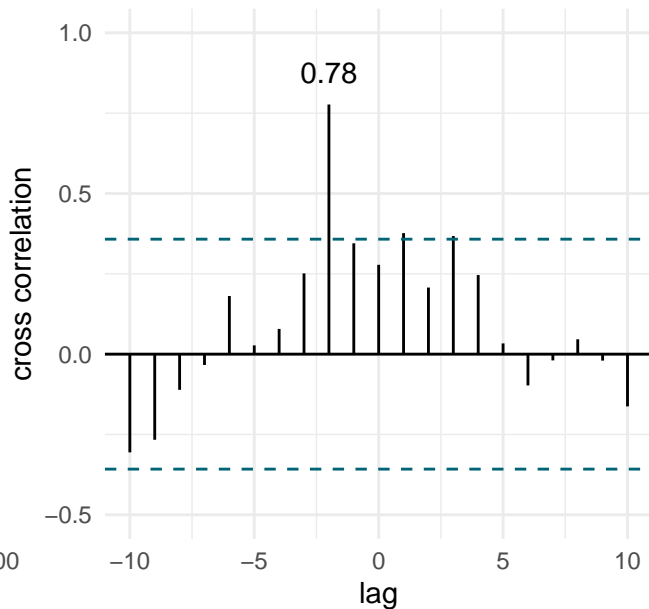
(a)



(b)



(c)

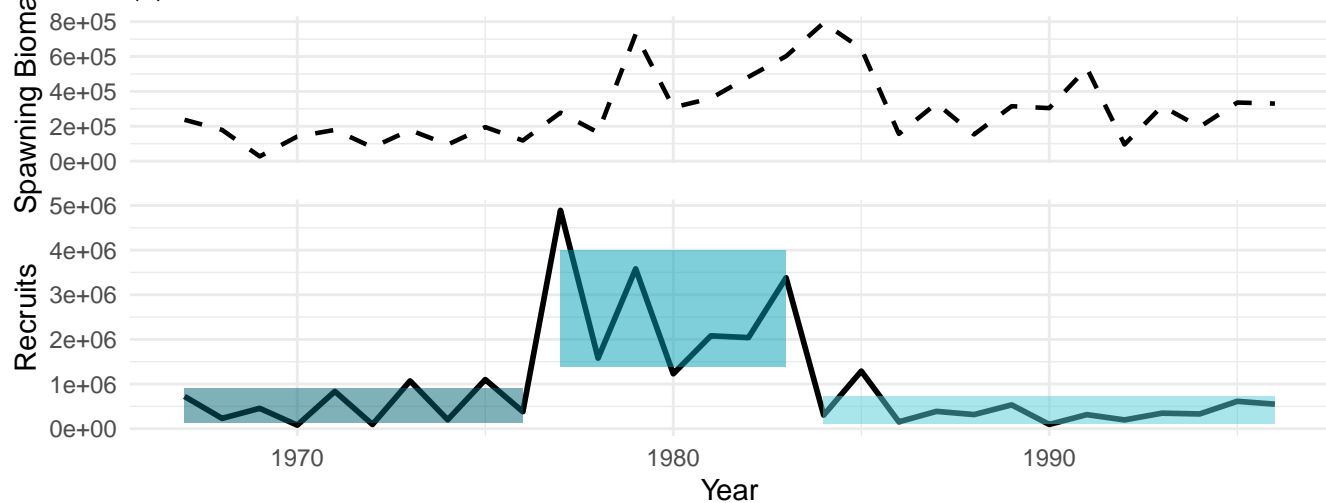


Pink salmon

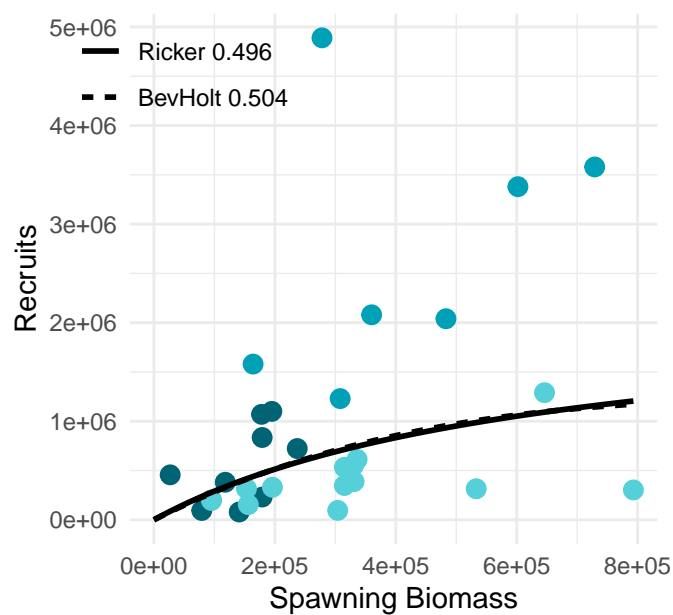
Oncorhynchus gorbuscha

Area ID: USA-AKSTATE-PWSSD

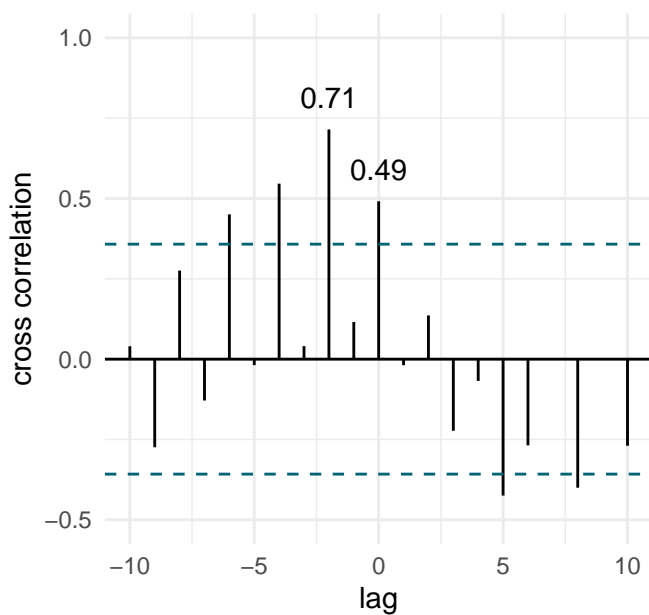
(a)



(b)



(c)

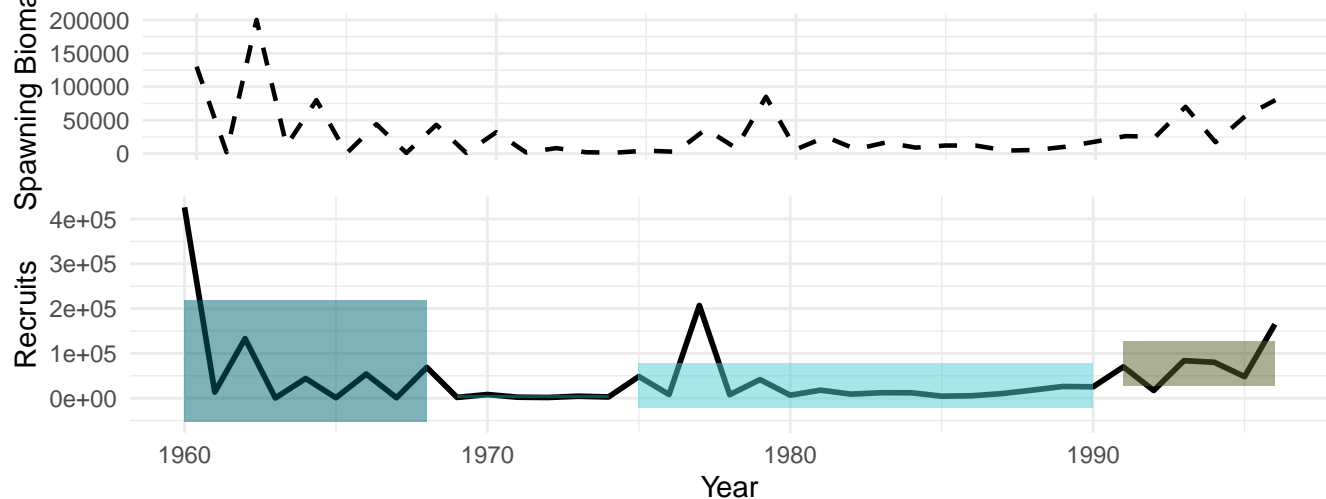


Pink salmon

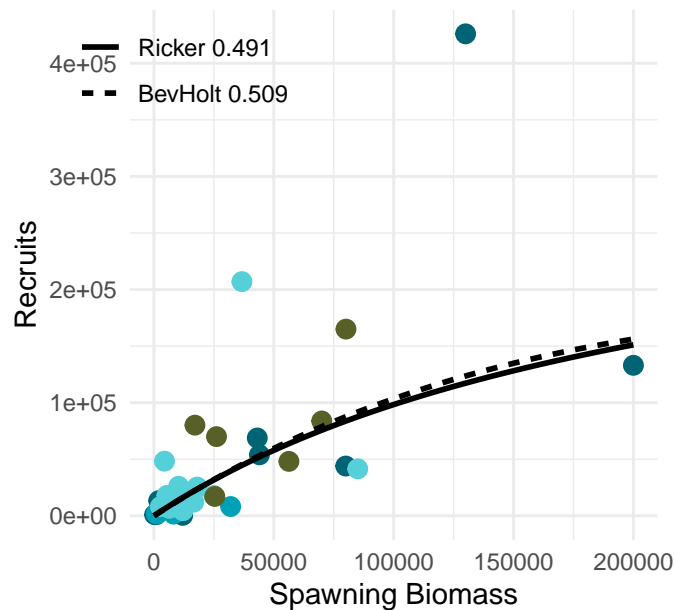
Oncorhynchus gorbuscha

Area ID: USA-AKSTATE-ROCKYROD

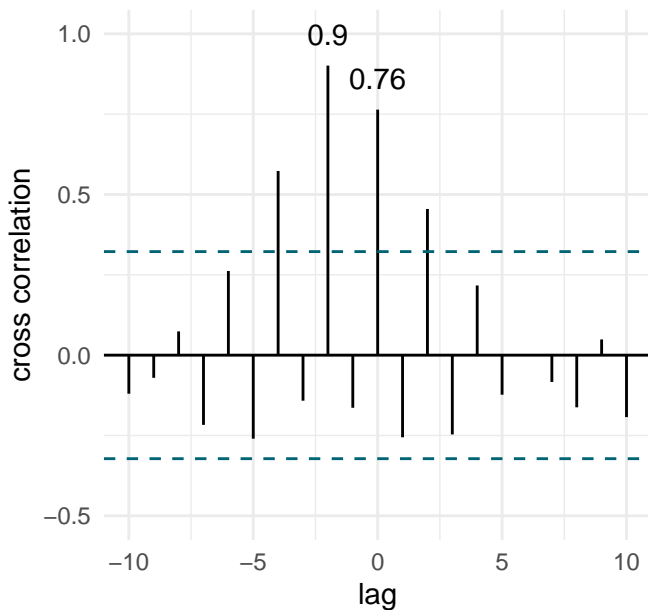
(a)



(b)



(c)

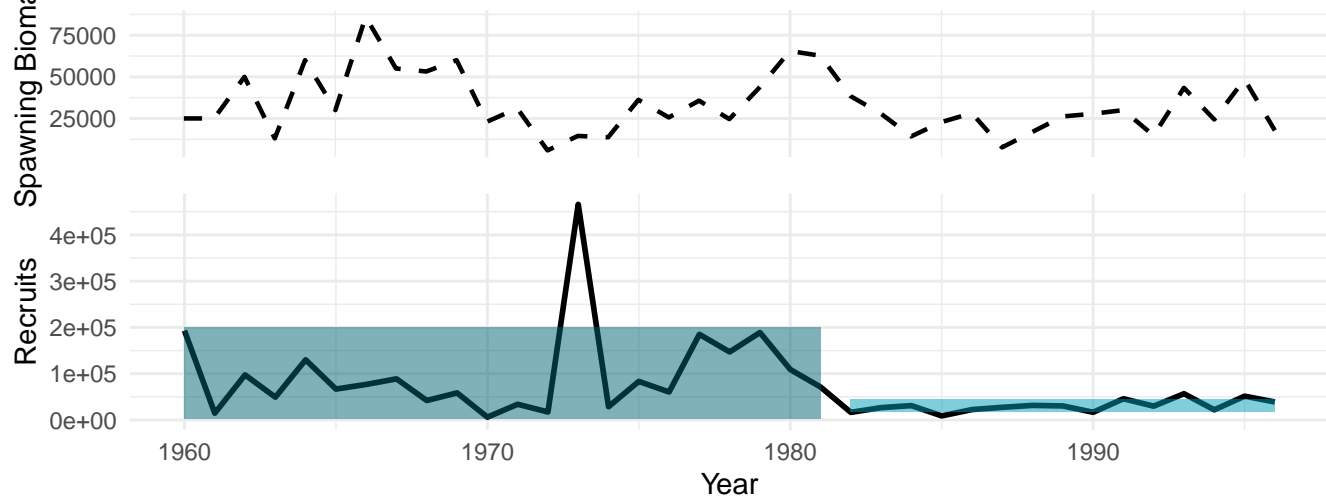


Pink salmon

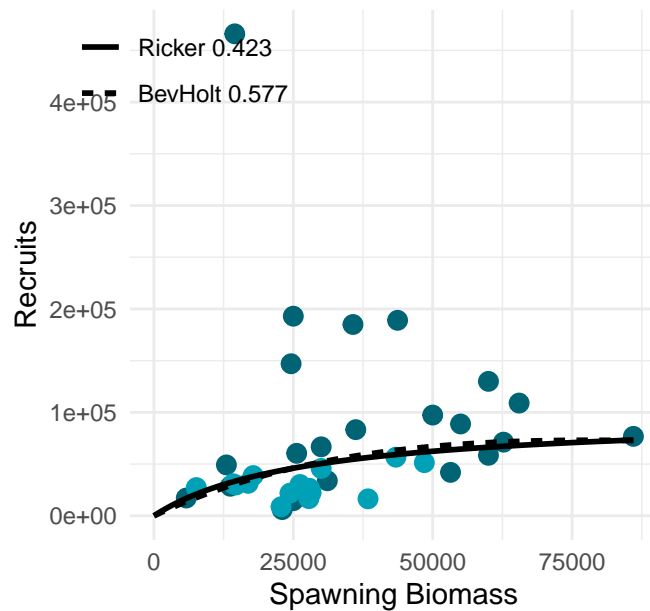
Oncorhynchus gorbuscha

Area ID: USA-AKSTATE-SELDOVIAB

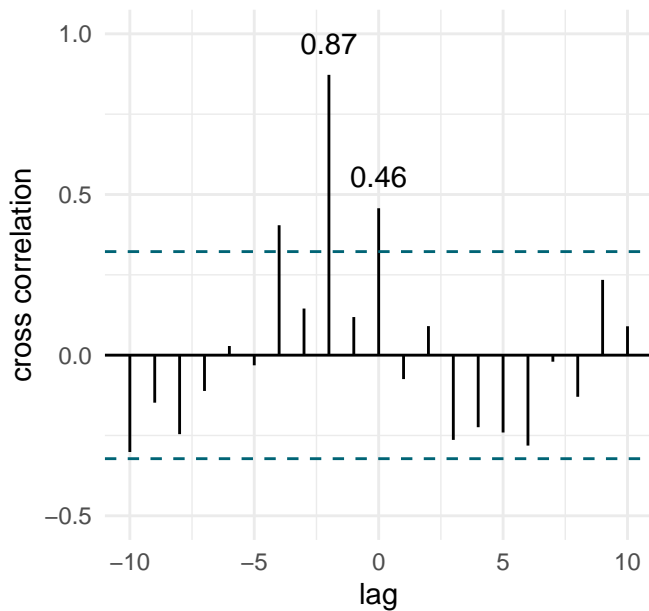
(a)



(b)



(c)

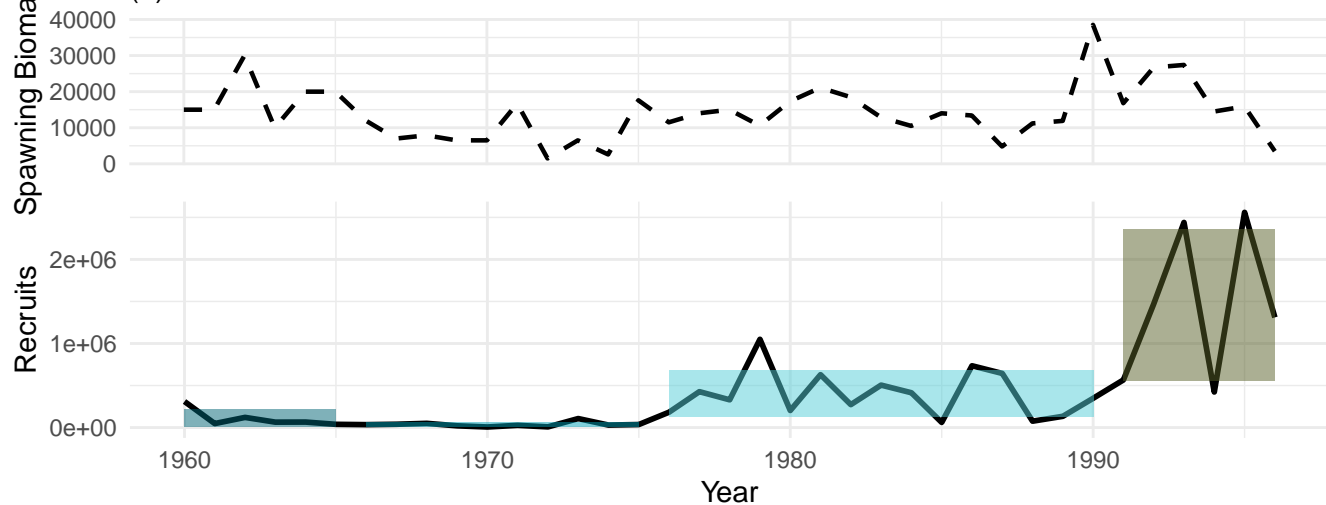


Pink salmon

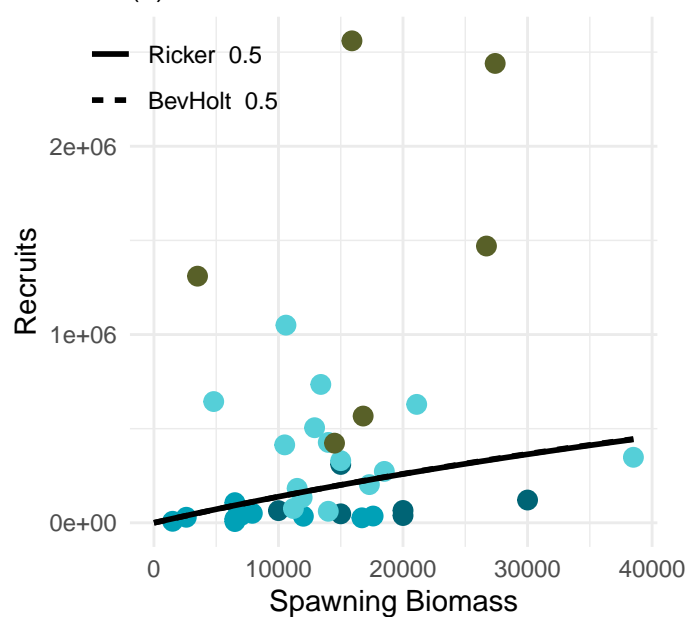
Oncorhynchus gorbuscha

Area ID: USA-AKSTATE-TUTKASD

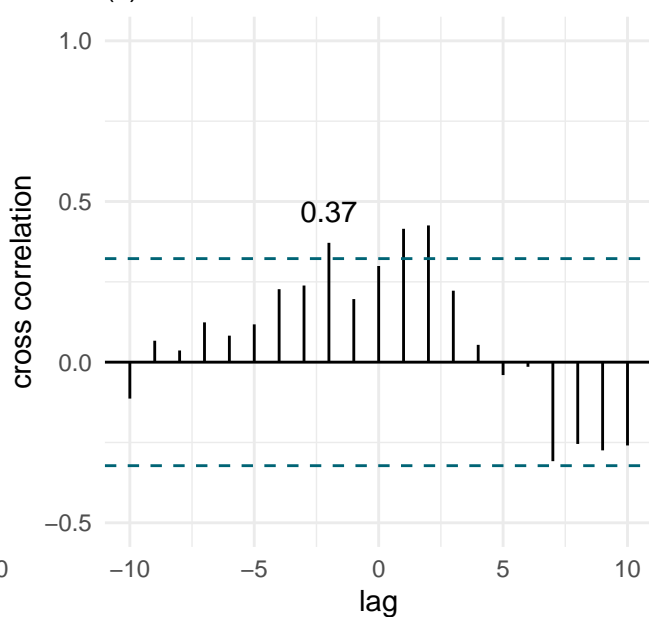
(a)



(b)



(c)

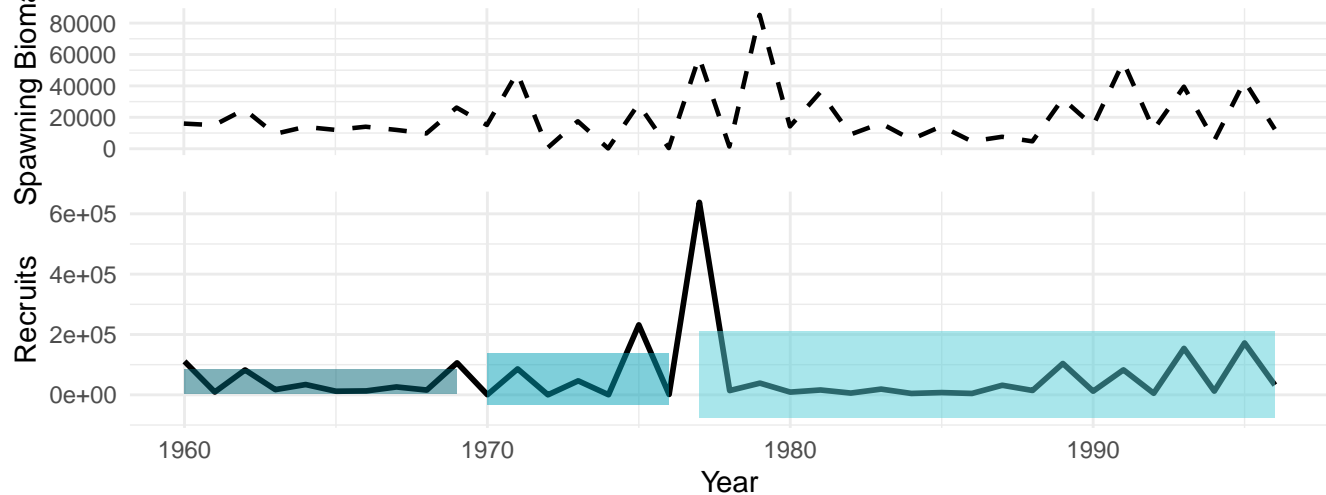


Pink salmon

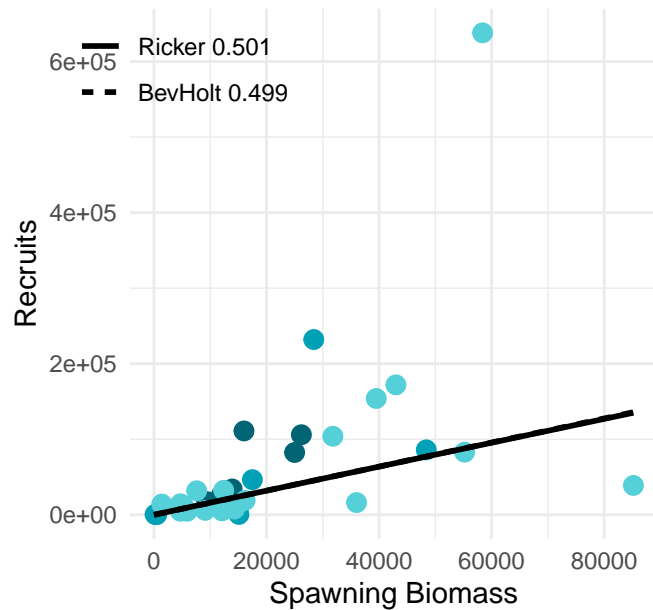
Oncorhynchus gorbuscha

Area ID: USA-AKSTATE-WINDYC

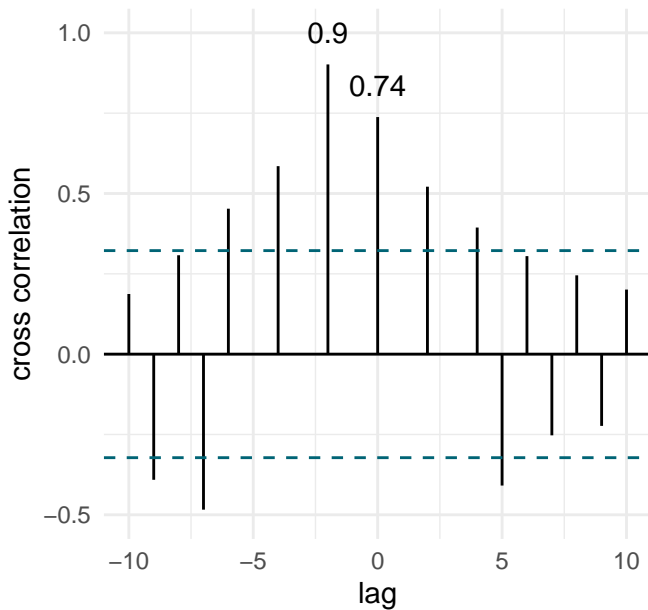
(a)



(b)



(c)

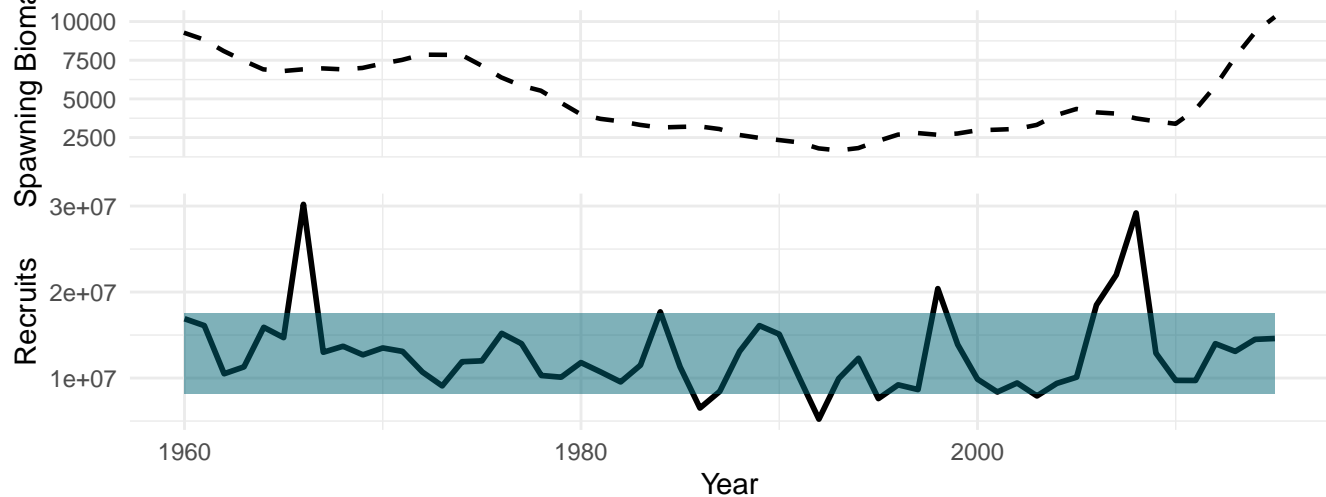


Petrale sole

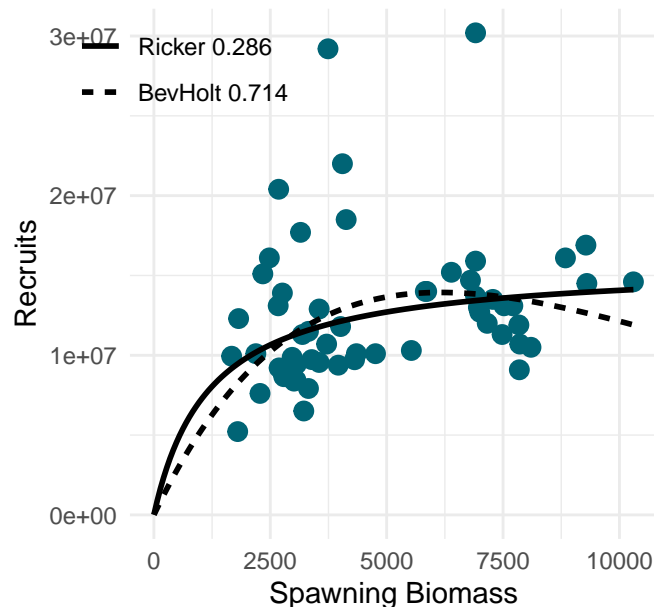
Eopsetta jordani

Area ID: USA-NMFS-PCOAST

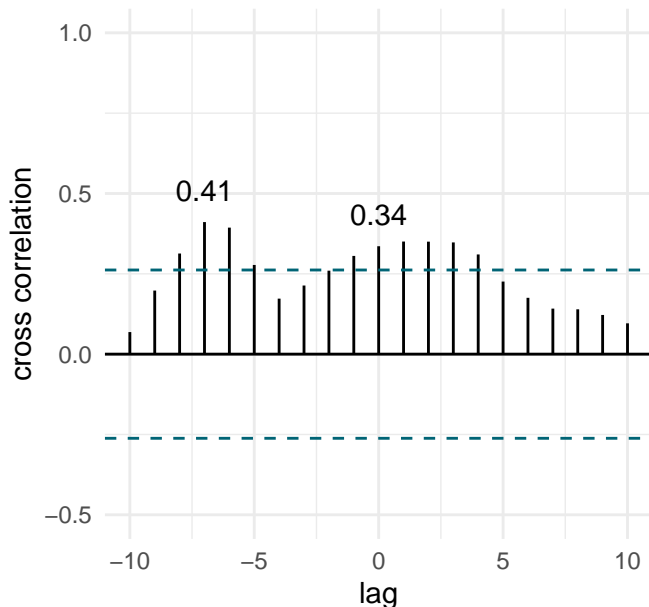
(a)



(b)



(c)

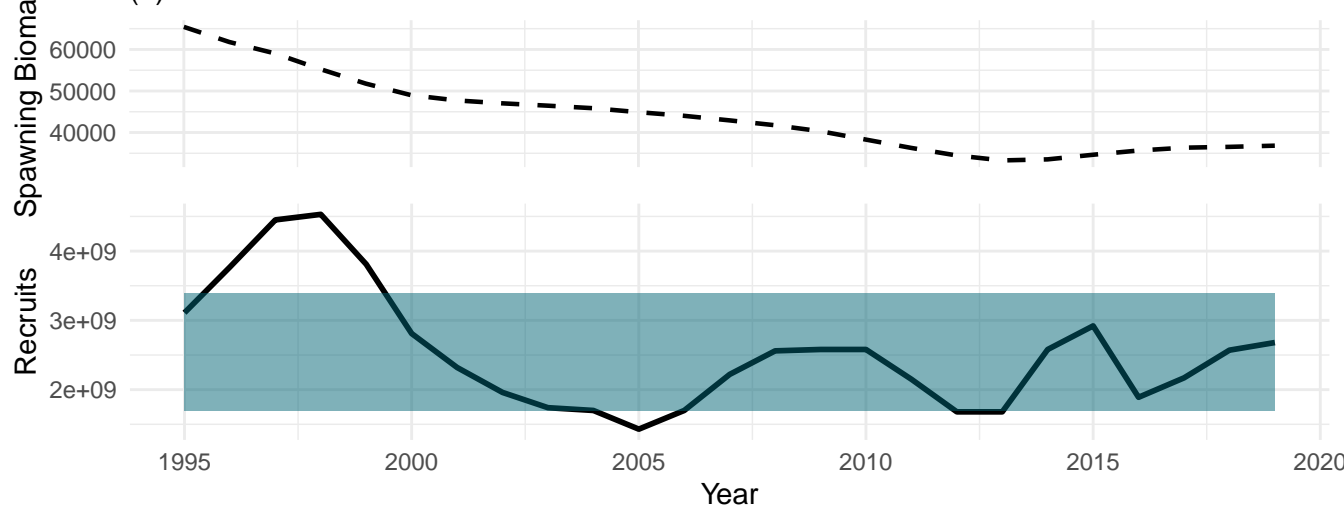


Patagonian toothfish

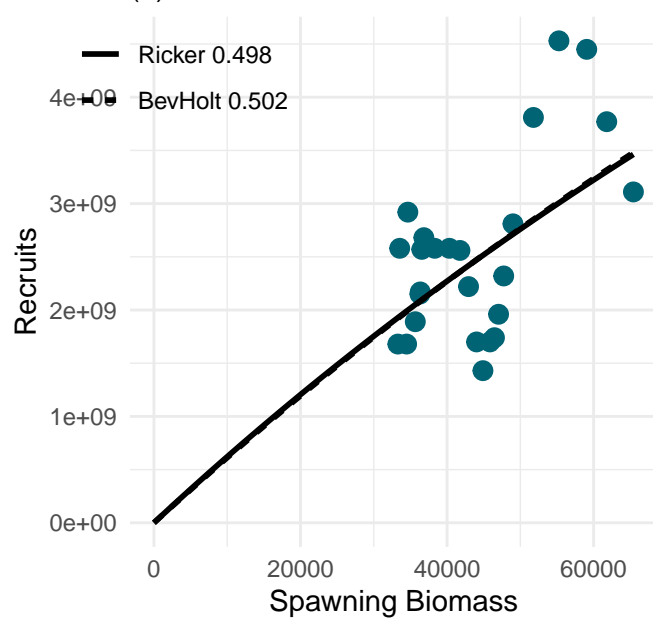
Dissostichus eleginoides

Area ID: multinational-SUBPESCA-CFP-SCH-ARG

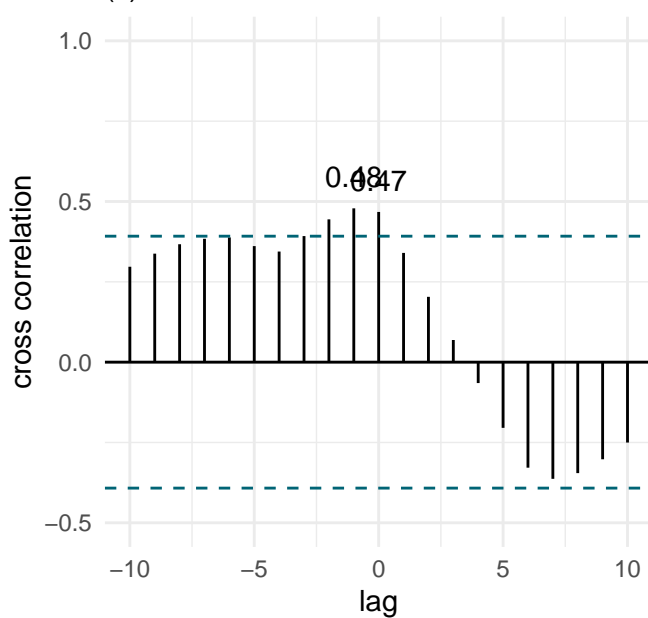
(a)



(b)



(c)

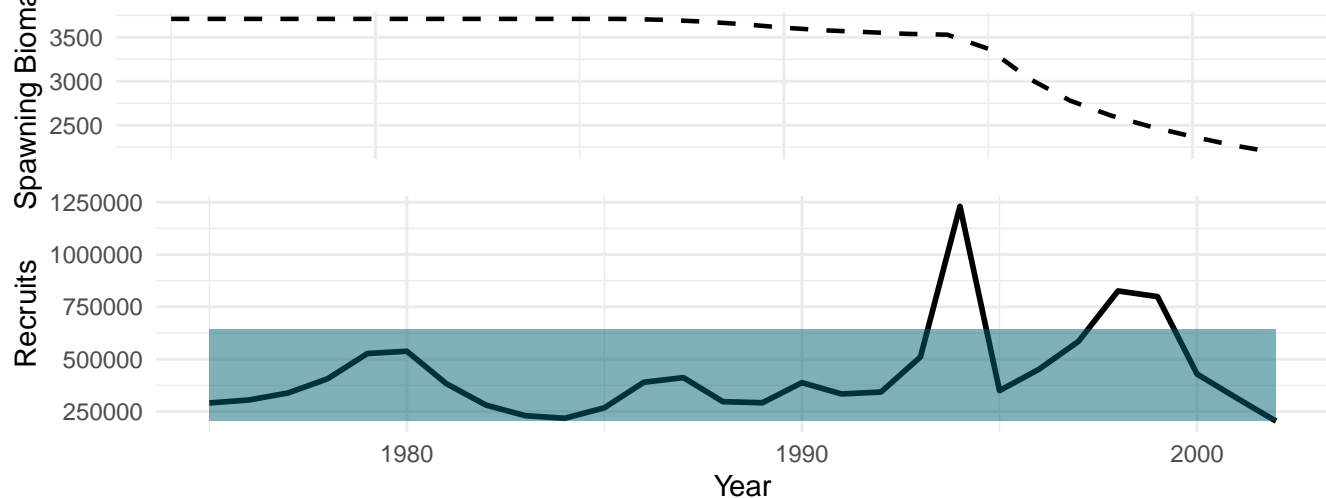


Patagonian toothfish

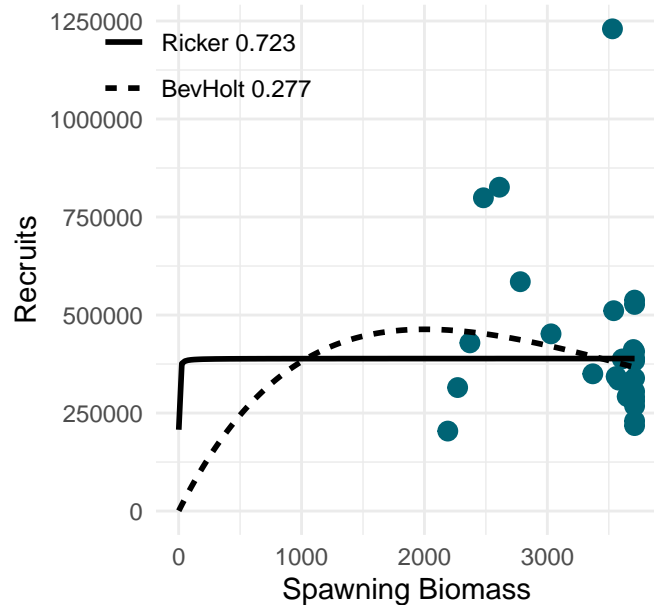
Dissostichus eleginoides

Area ID: Australia-AFMA-MI

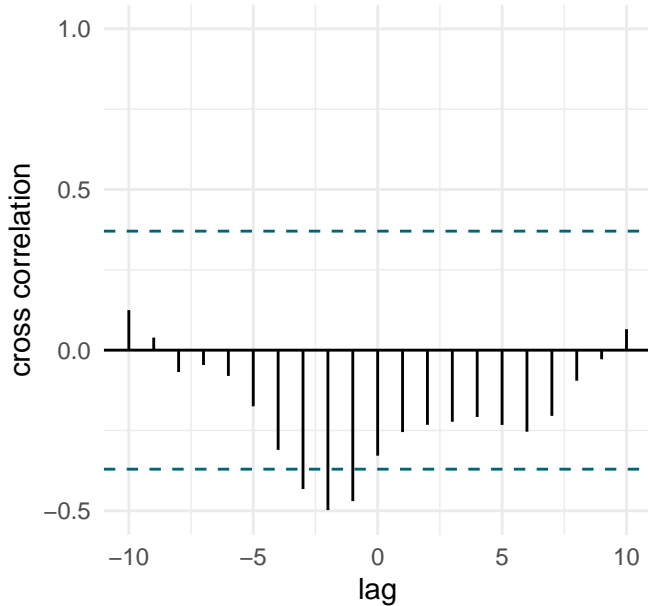
(a)



(b)



(c)

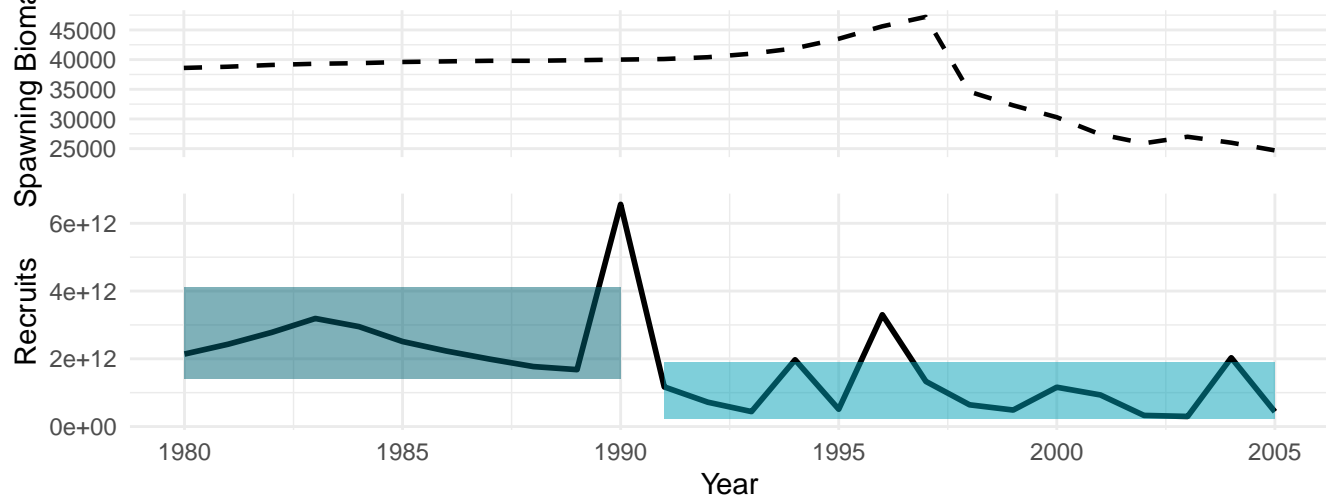


Patagonian toothfish

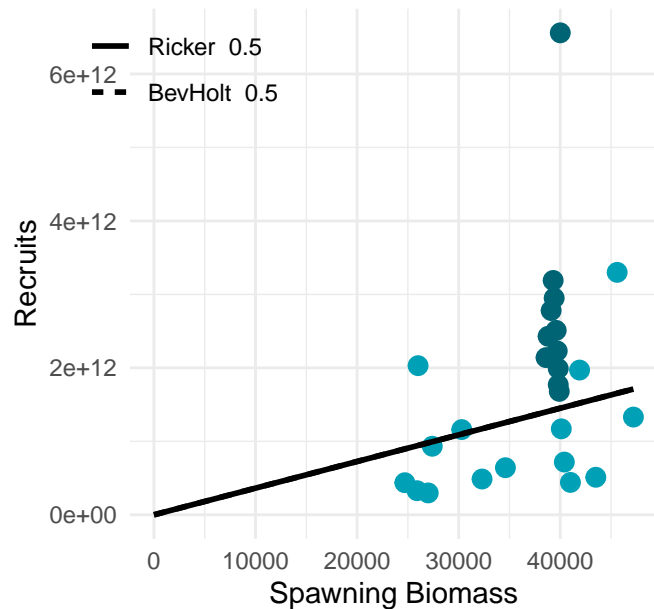
Dissostichus eleginoides

Area ID: South Africa–DETMCM–PEI

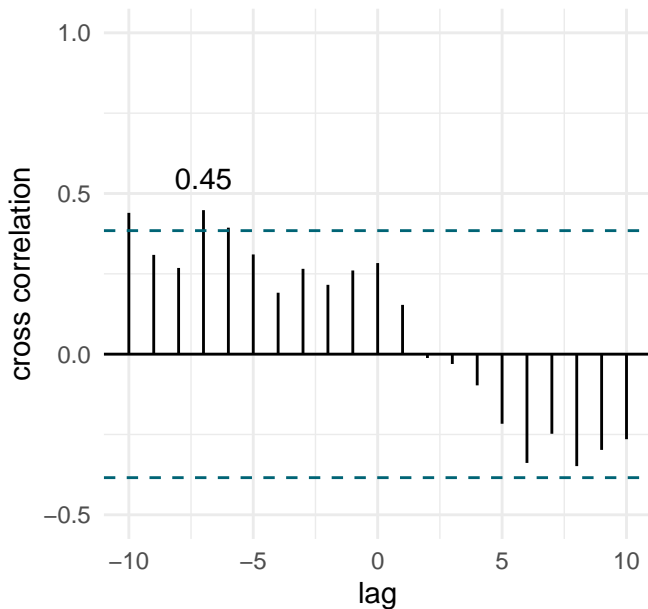
(a)



(b)



(c)

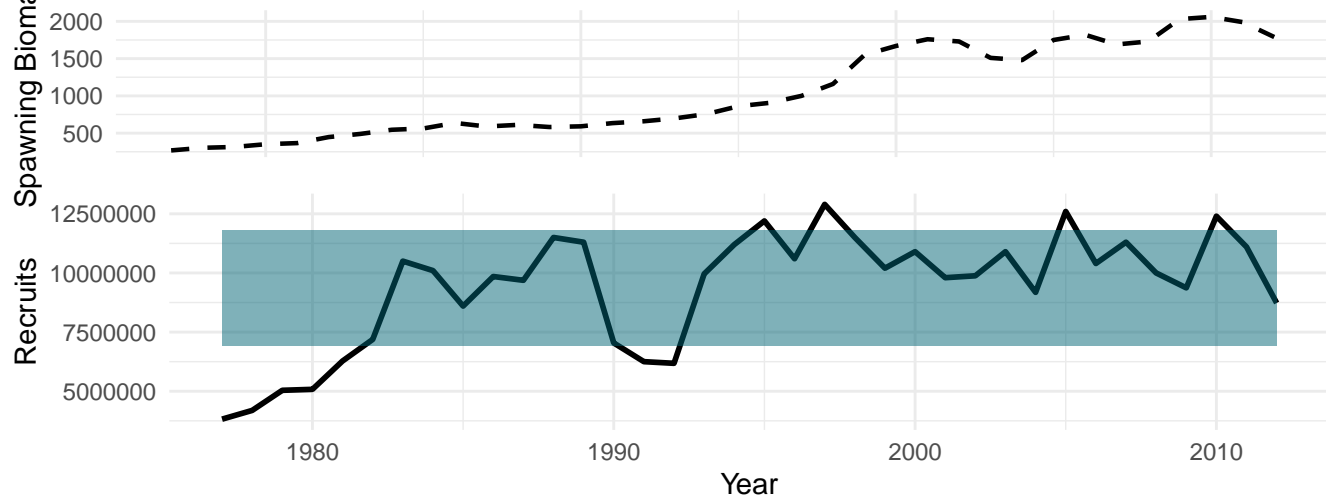


Red seabream

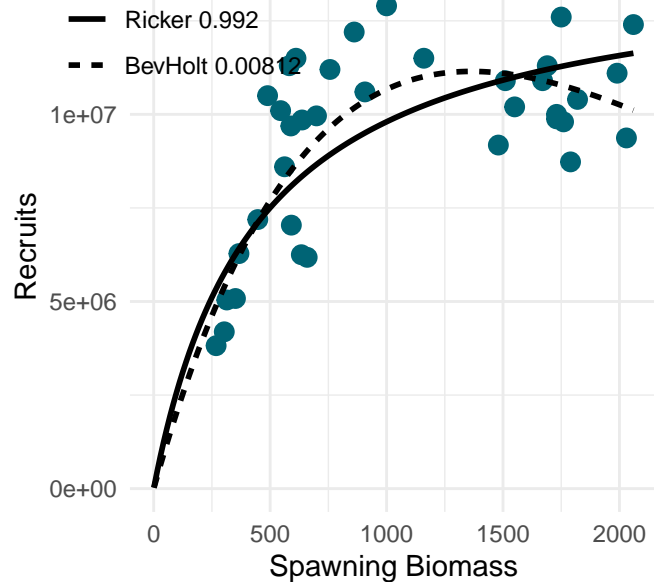
Pagrus major

Area ID: Japan-FAJ-SETOE

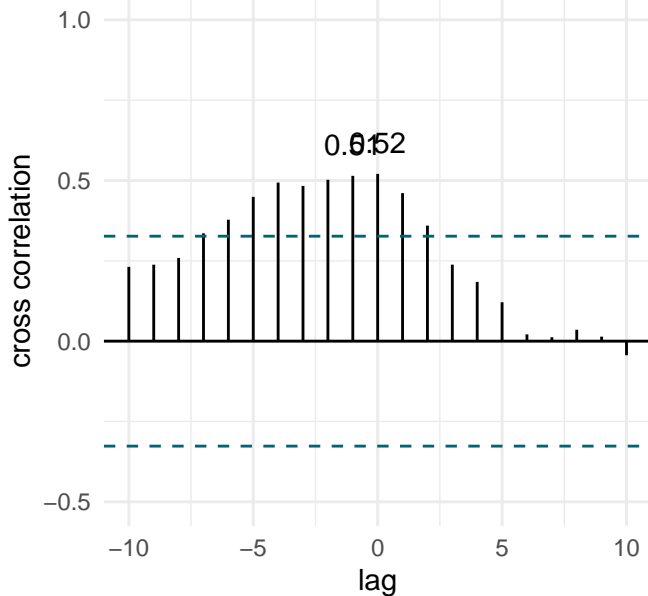
(a)



(b)



(c)

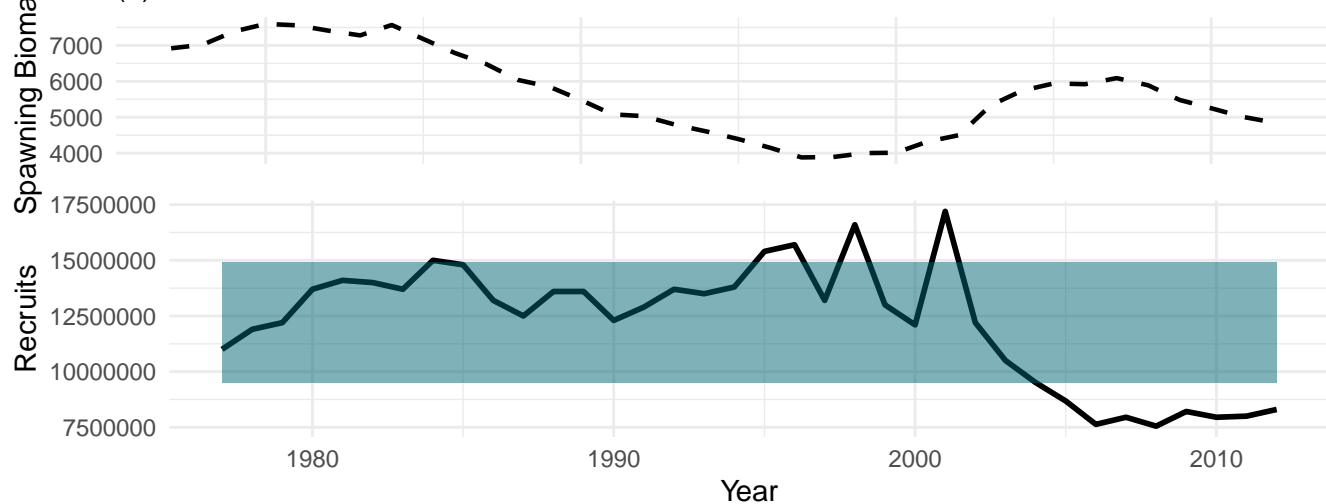


Red seabream

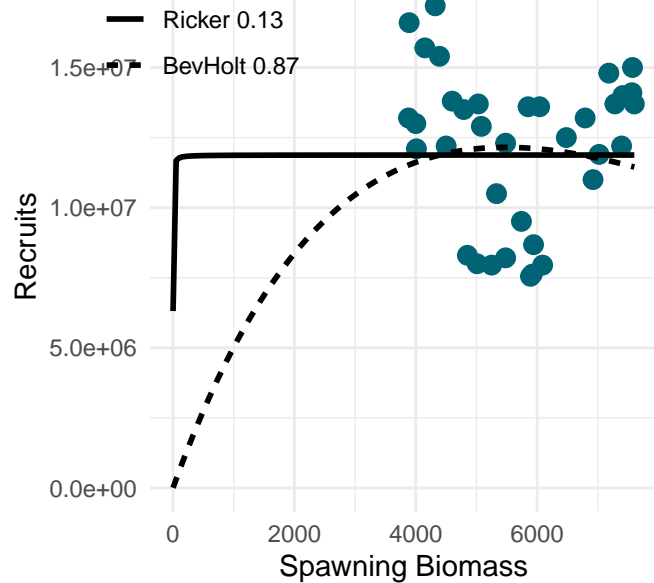
Pagrus major

Area ID: Japan-FAJ-SETOW

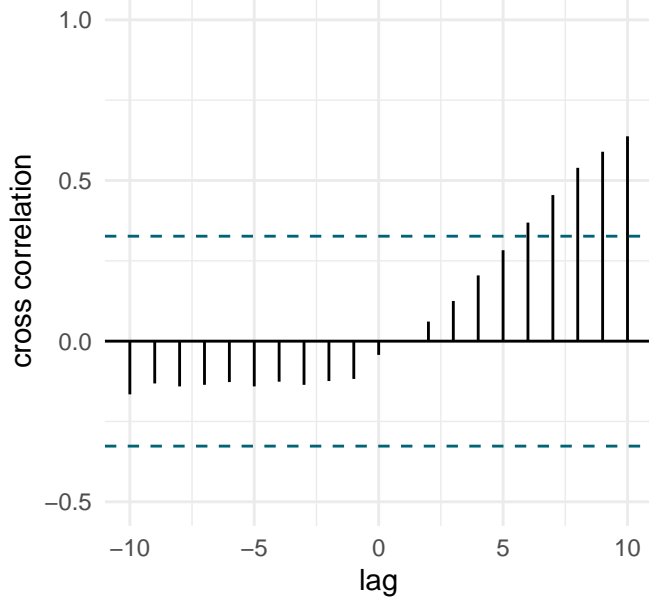
(a)



(b)



(c)

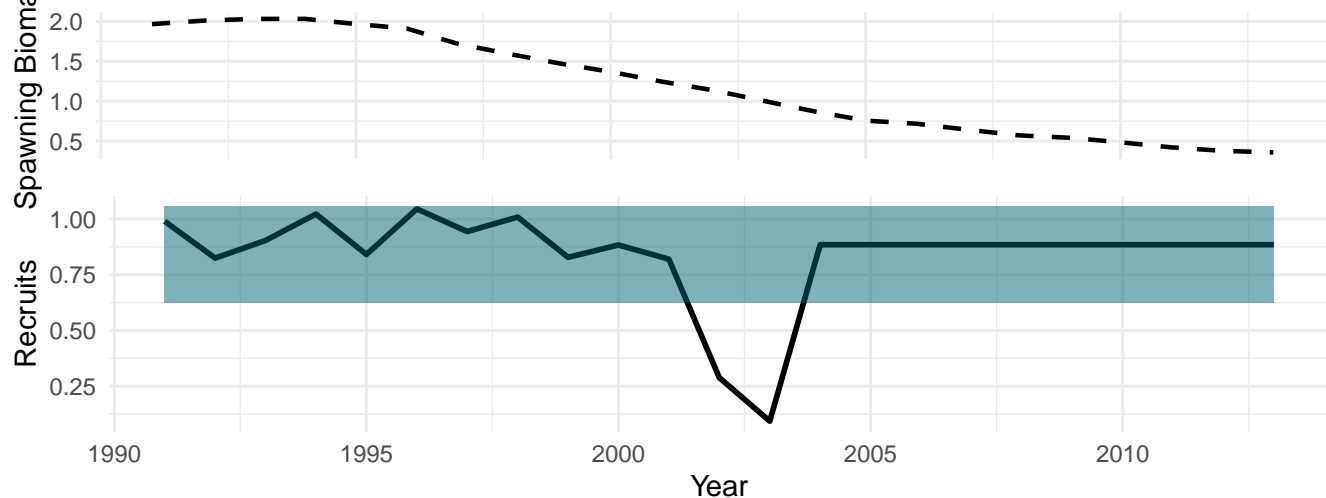


Beaked redfish

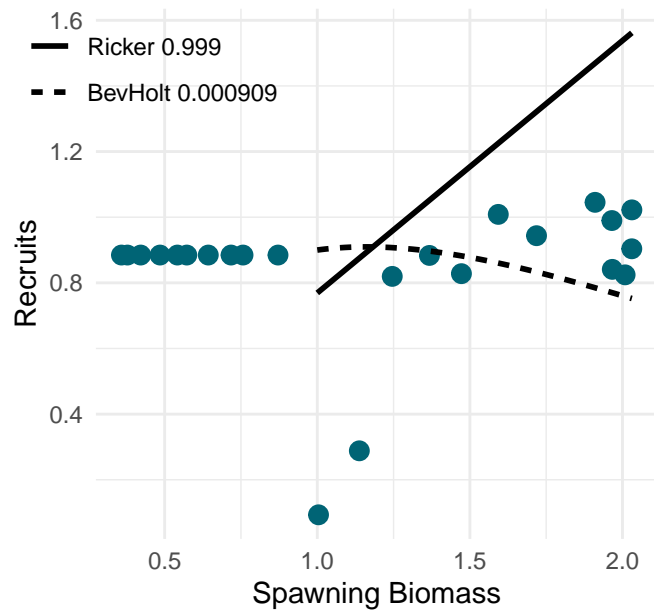
Sebastes mentella

Area ID: multinational-ICES-DP-1-2-V-XII-XIV

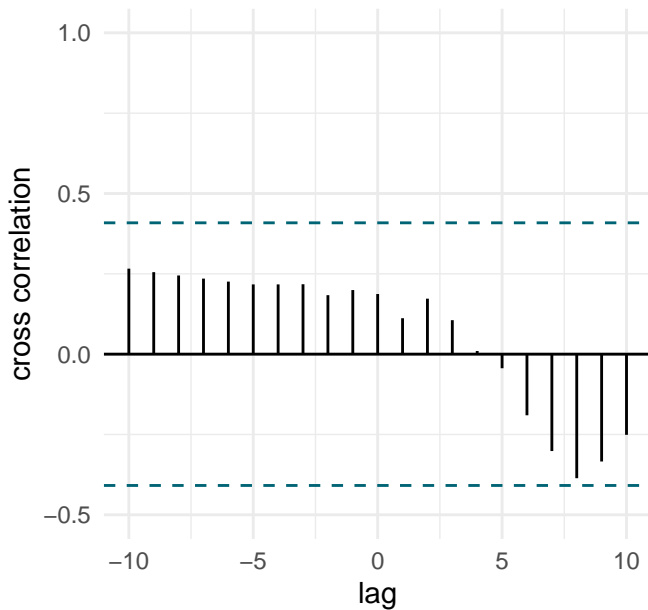
(a)



(b)



(c)

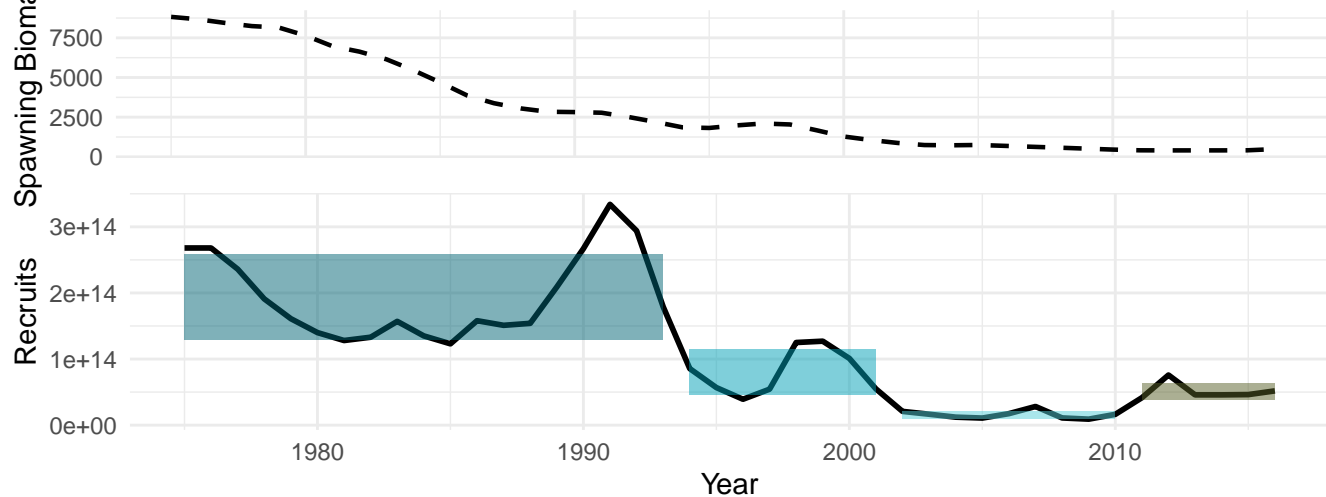


Redfish

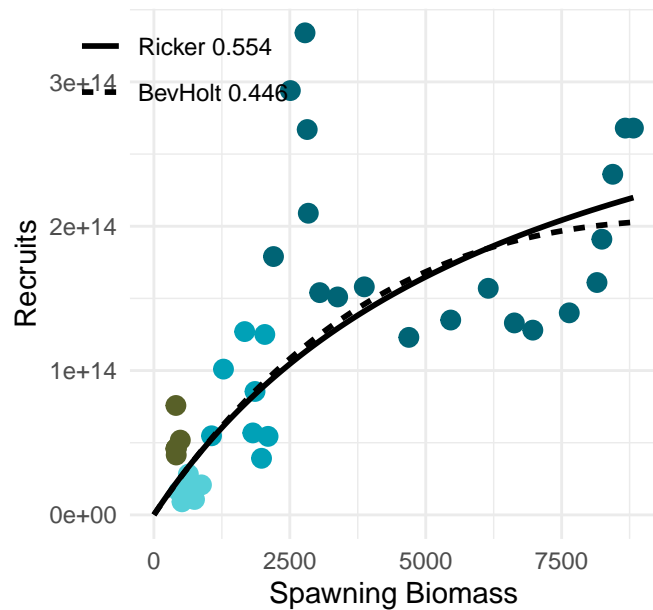
Centroberyx affinis

Area ID: Australia-AFMA-EAUS

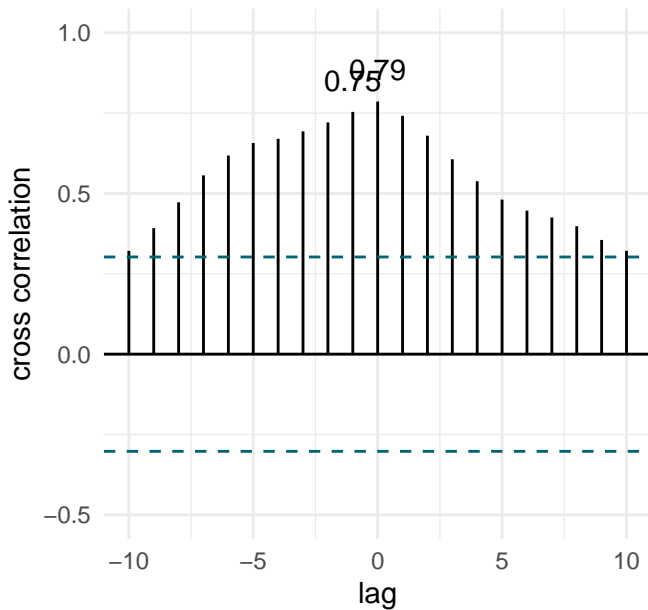
(a)



(b)



(c)

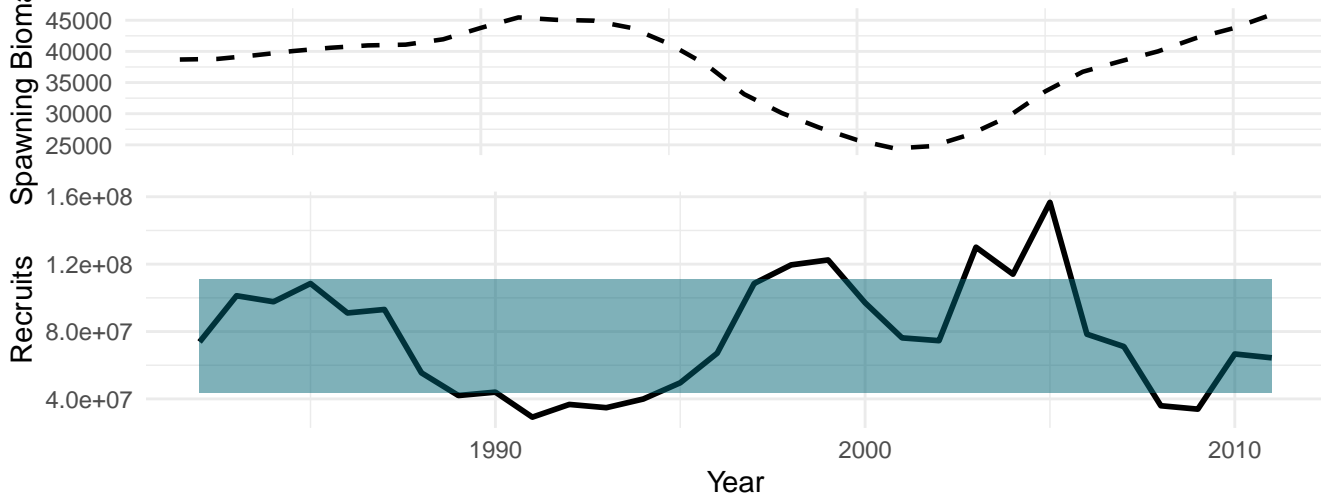


Rex sole

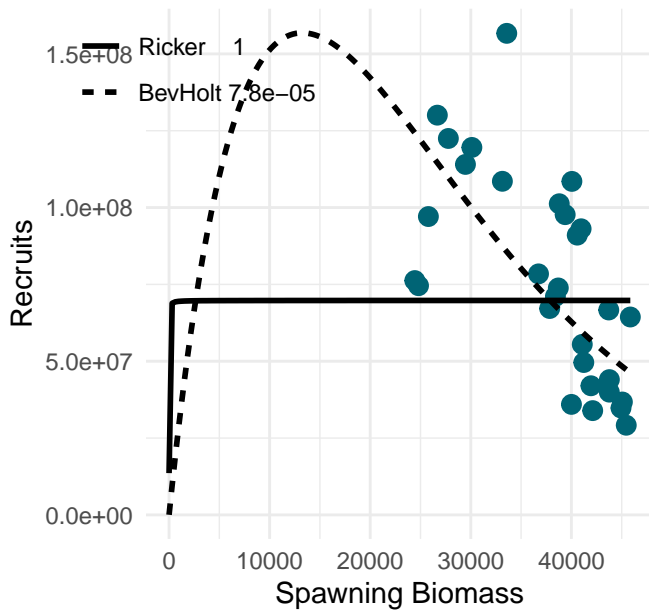
Glyptocephalus zachirus

Area ID: USA-NMFS-GA

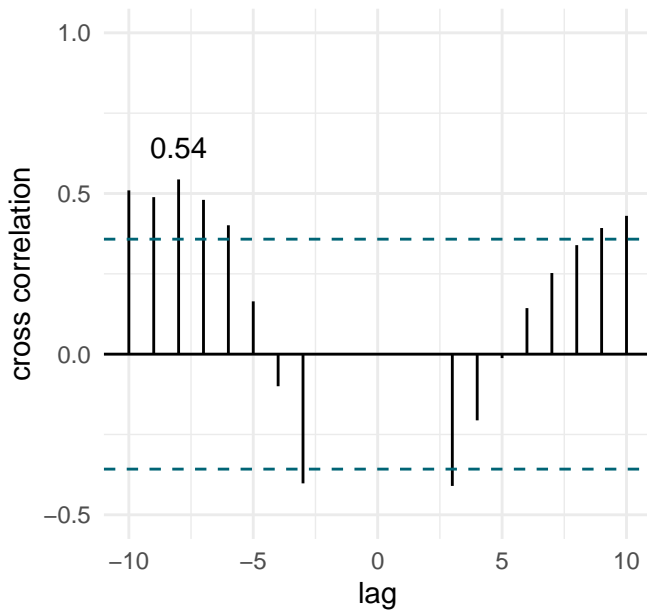
(a)



(b)



(c)

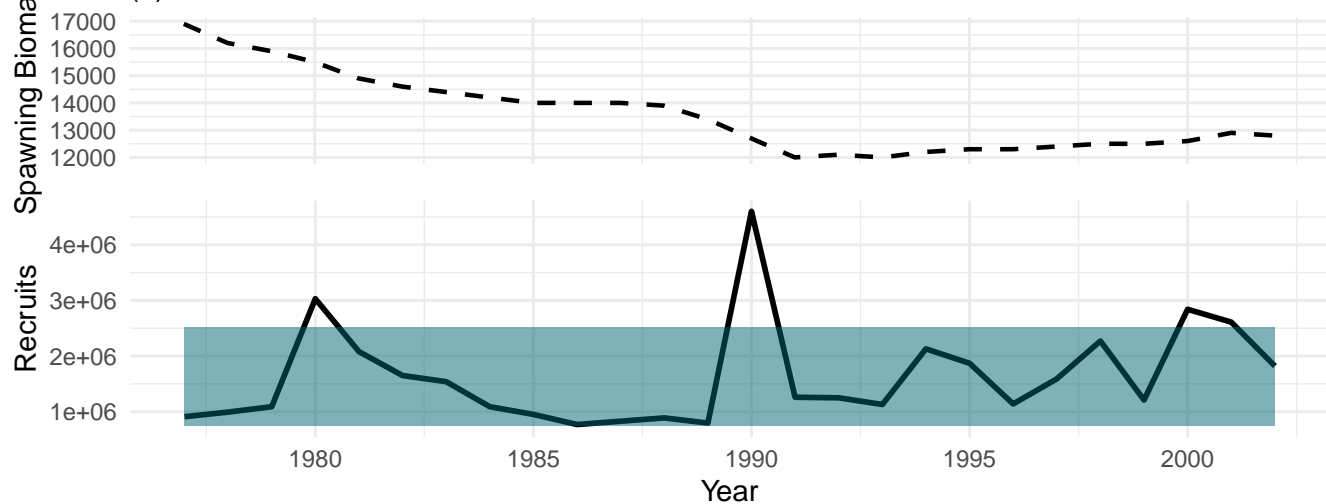


Rougheye rockfish

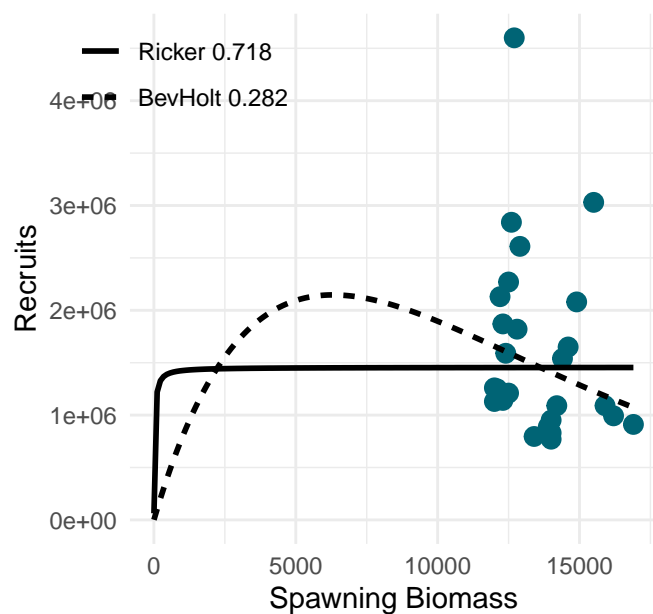
Sebastes aleutianus

Area ID: USA-NMFS-GA

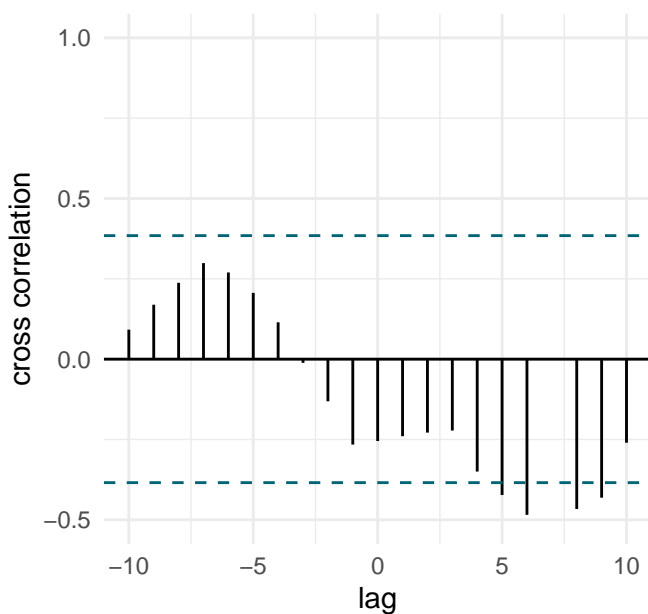
(a)



(b)



(c)



Red grouper
Epinephelus morio
Area ID: USA-NMFS-GM
(a)

Spawning Biomass

Recruits

2500000

2000000

1500000

1.2e+08

8.0e+07

4.0e+07

0.0e+00

1995

2000

2005

2010

Year

(b)

Recruits

1.25e+08

1.00e+08

7.50e+07

5.00e+07

2.50e+07

0.00e+00

— Ricker 0.524

- - - BevHolt 0.476

0e+00

1e+06

2e+06

3e+06

Spawning Biomass

(c)

cross correlation

1.0

0.5

0.0

-0.5

-10

-5

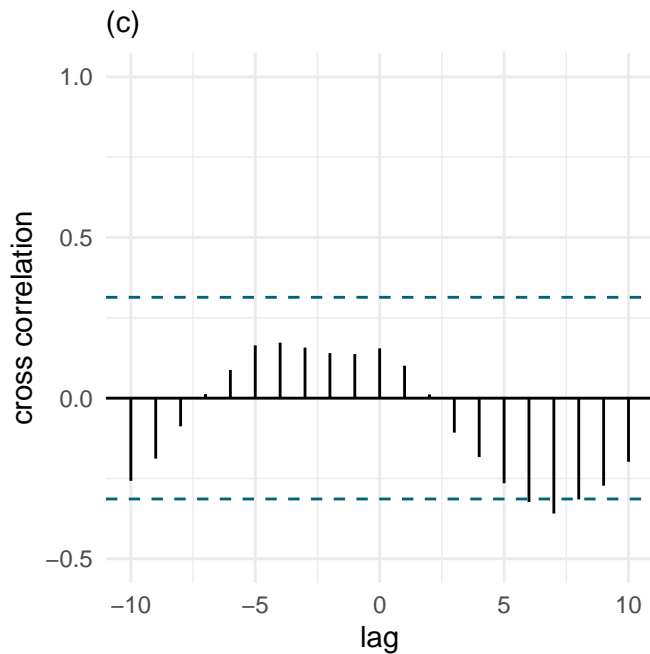
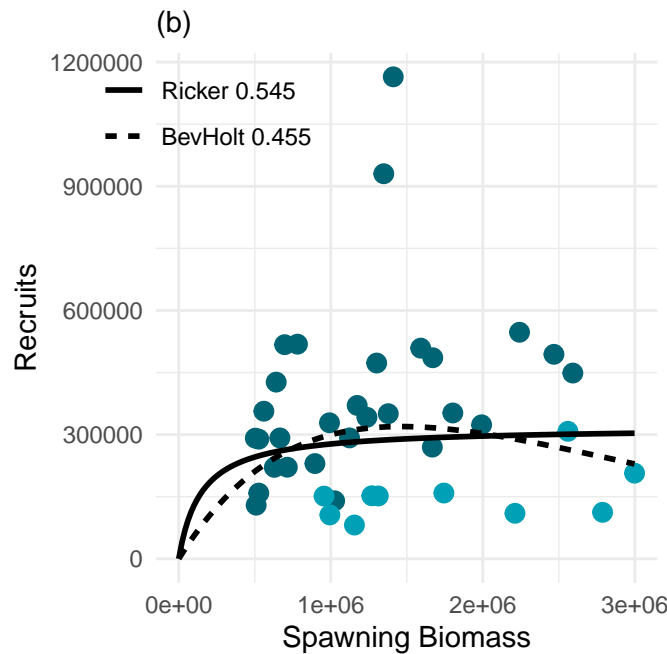
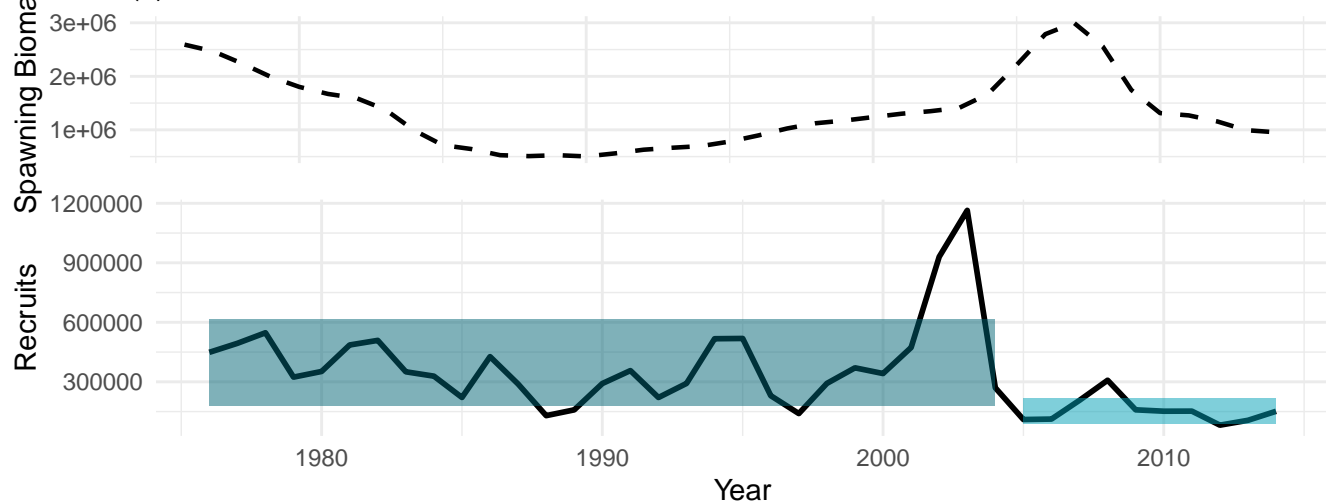
0

5

10

lag

Red grouper
Epinephelus morio
Area ID: USA-NMFS-SATL
(a)

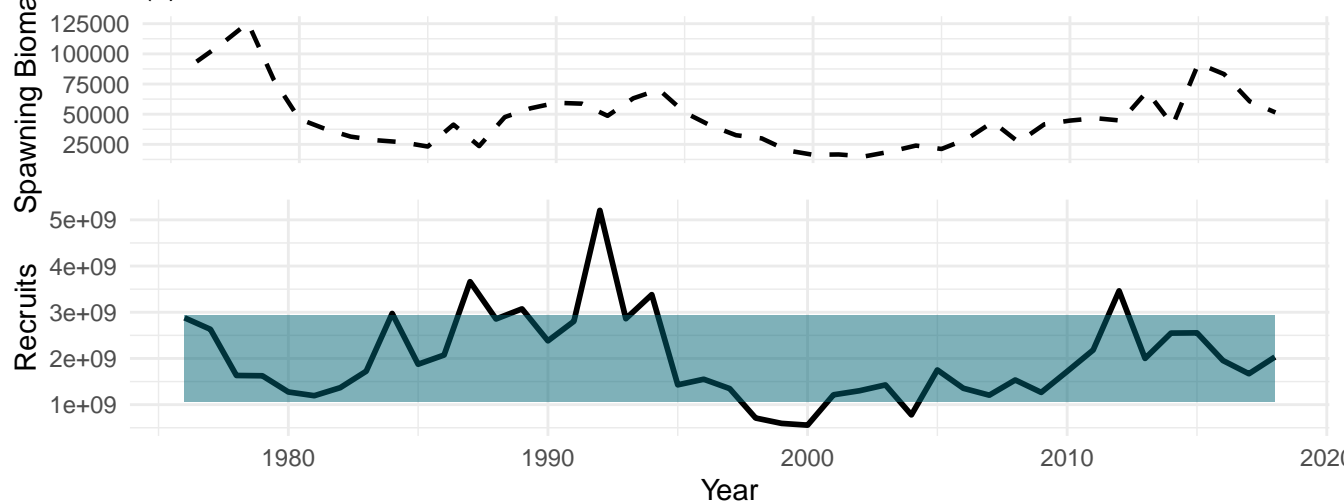


Round herring

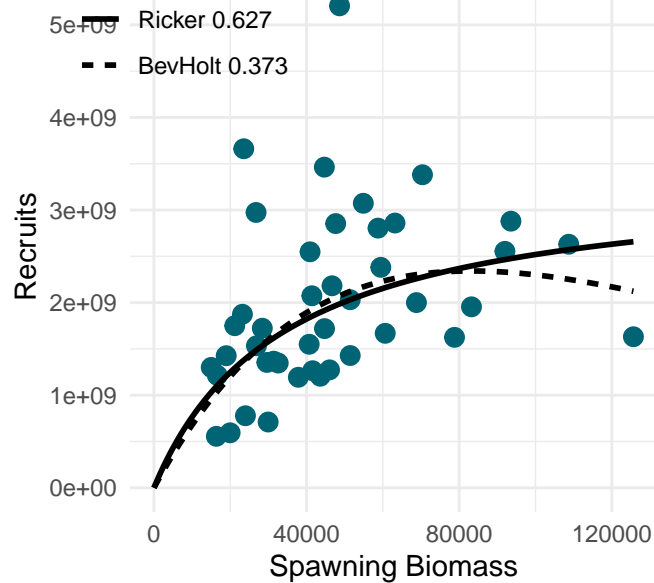
Etrumeus teres

Area ID: Japan-FAJ-TSST

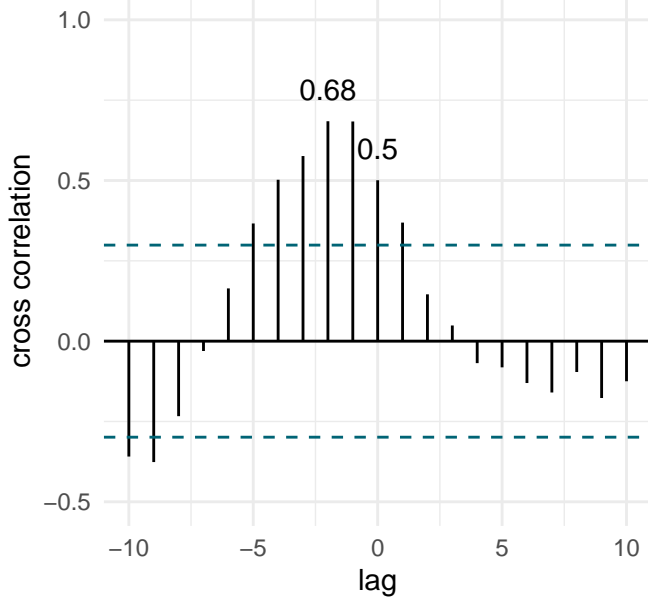
(a)



(b)



(c)

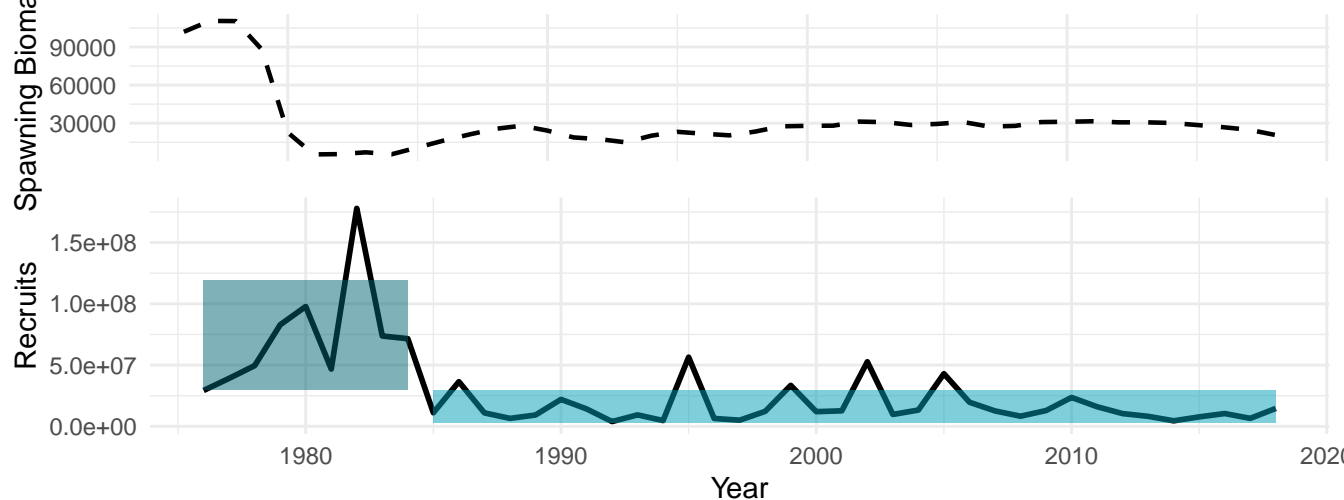


Red king crab

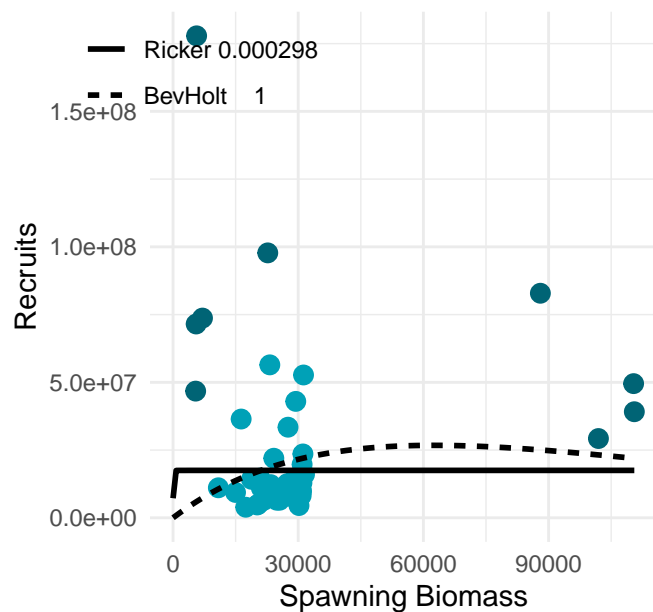
Paralithodes camtschaticus

Area ID: USA-NMFS-BB

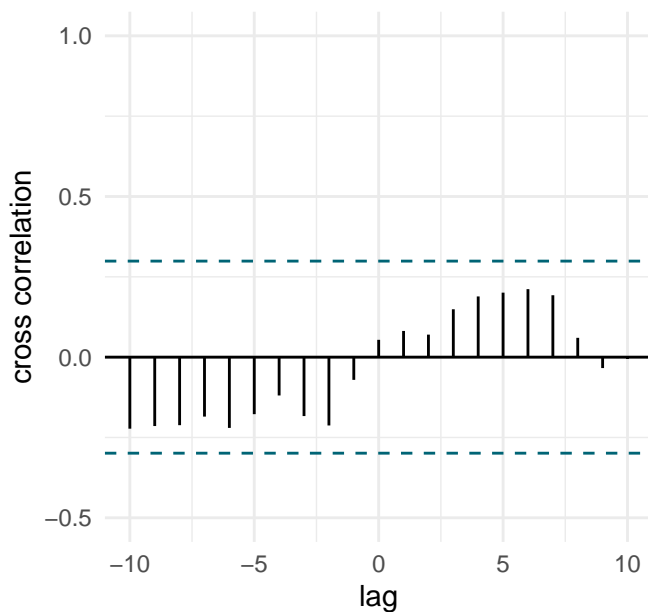
(a)



(b)



(c)

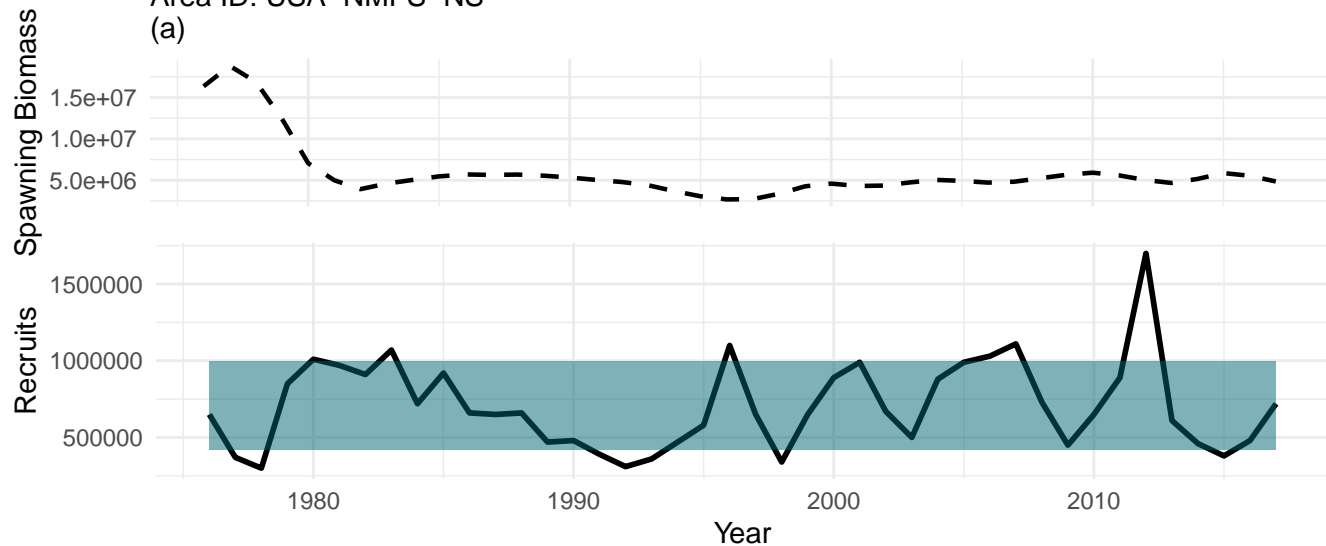


Red king crab

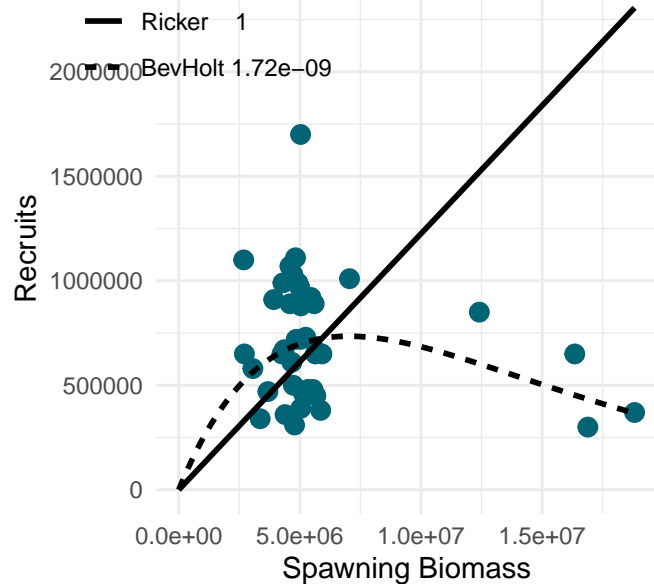
Paralithodes camtschaticus

Area ID: USA-NMFS-NS

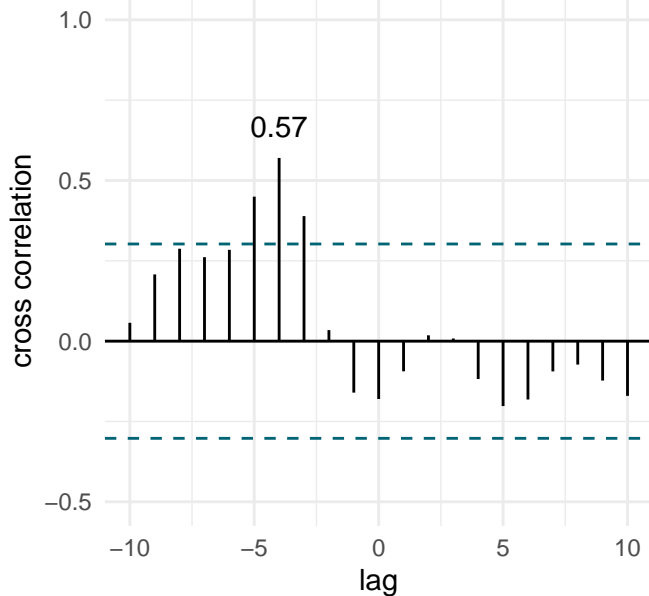
(a)



(b)



(c)

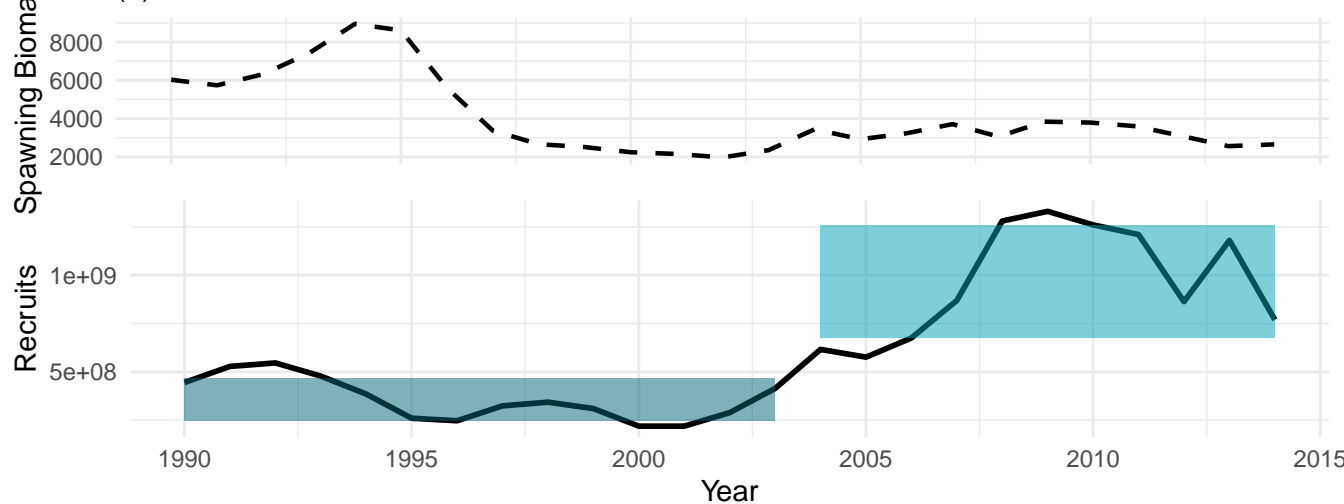


Red mullet

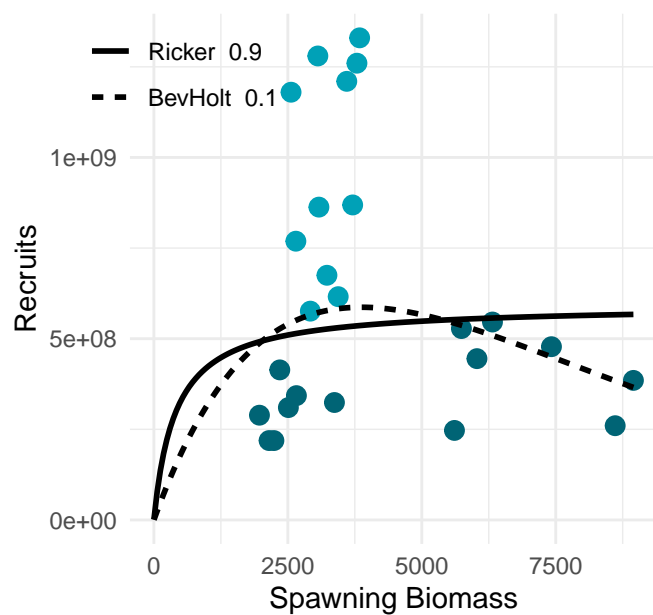
Mullus barbatus

Area ID: multinational-GFCM-GSA29

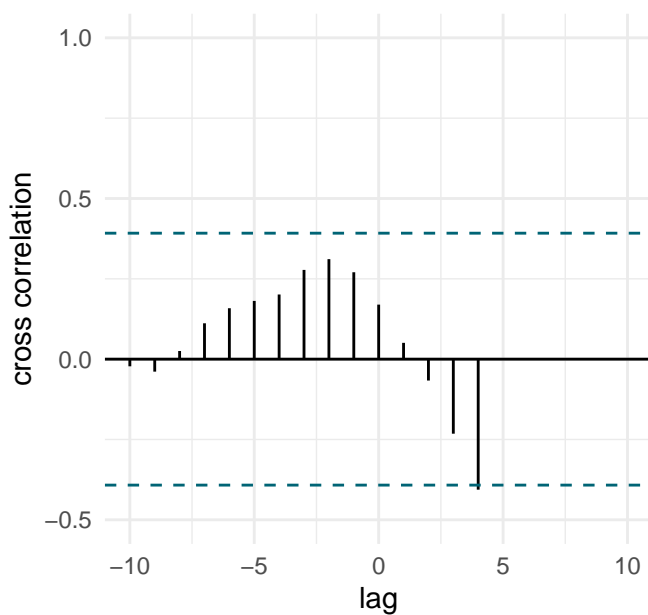
(a)



(b)



(c)

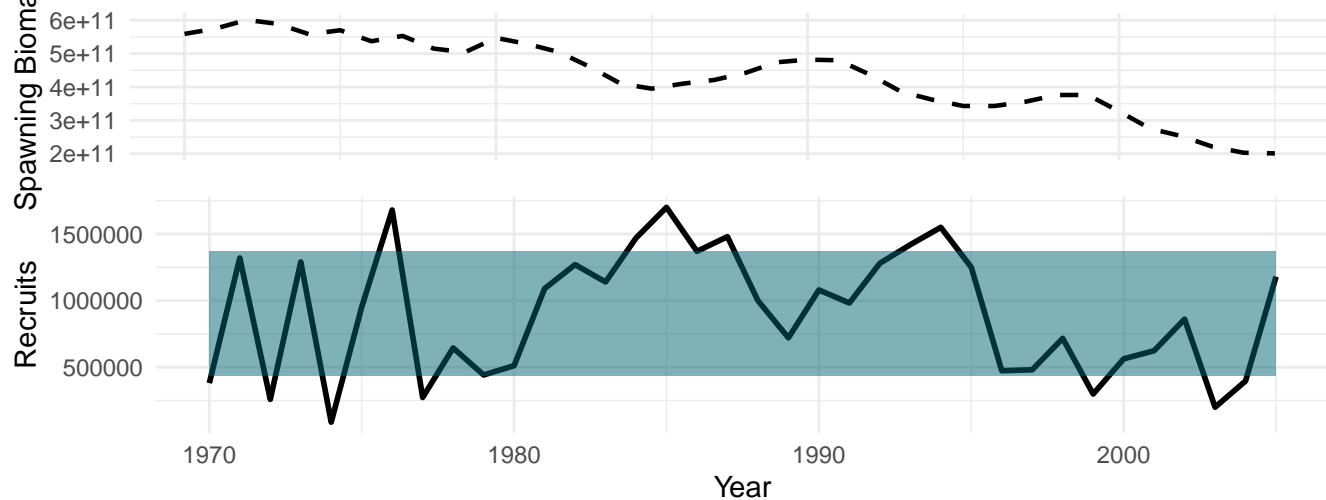


Rock lobster

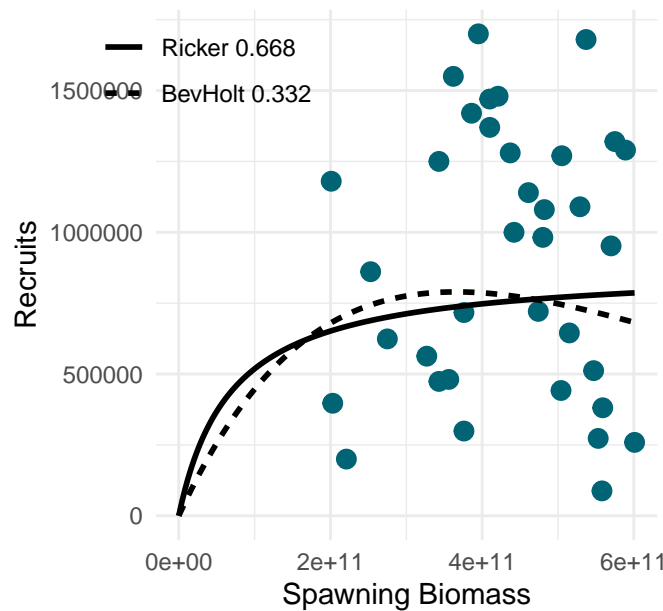
Jasus edwardsii

Area ID: Australia-SARDI-SAUSNZ

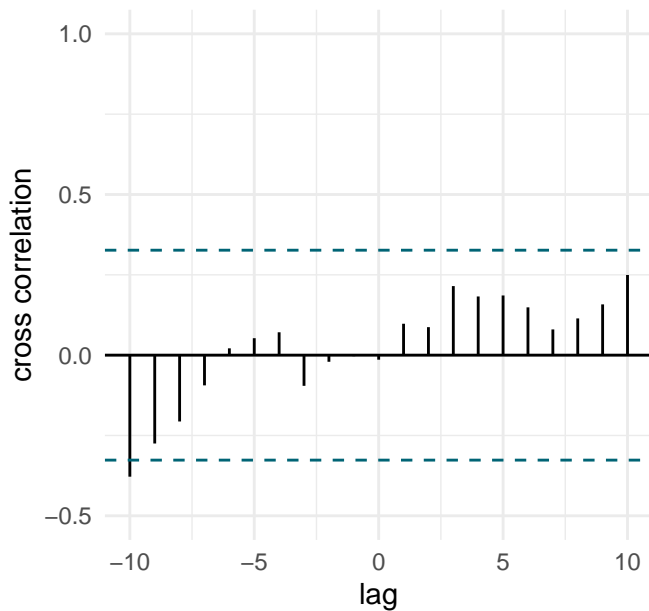
(a)



(b)



(c)

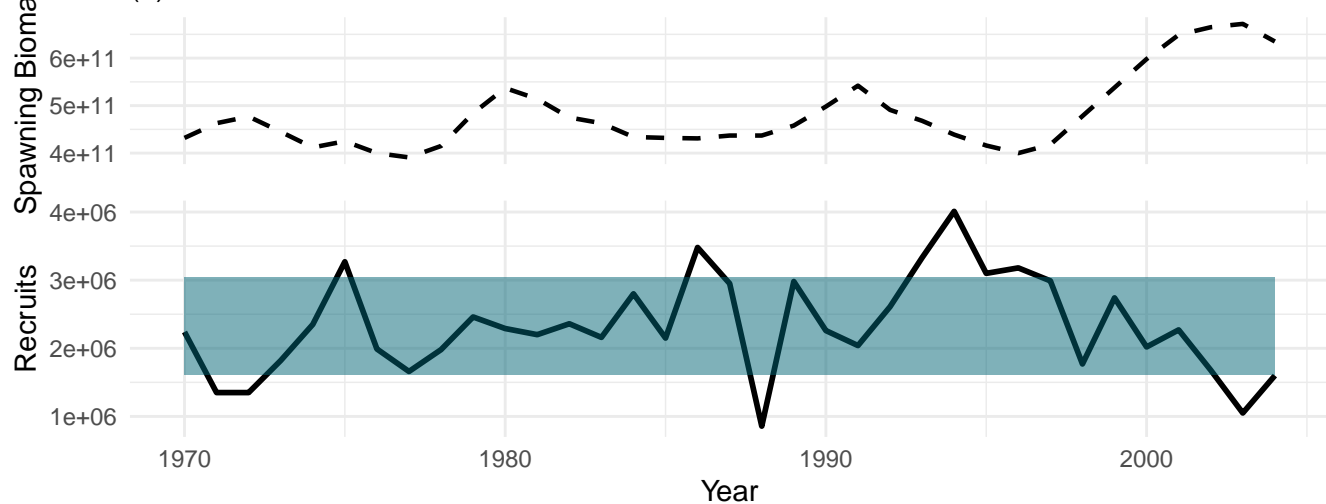


Rock lobster

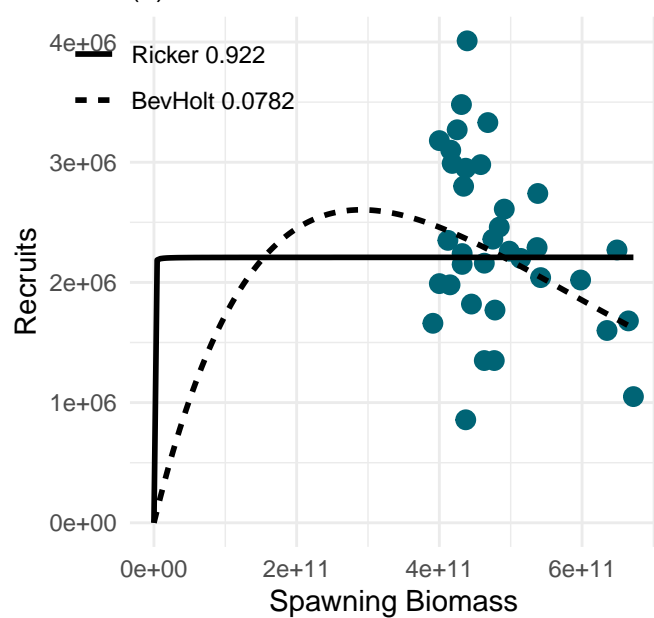
Jasus edwardsii

Area ID: Australia-SARDI-SAUSSZ

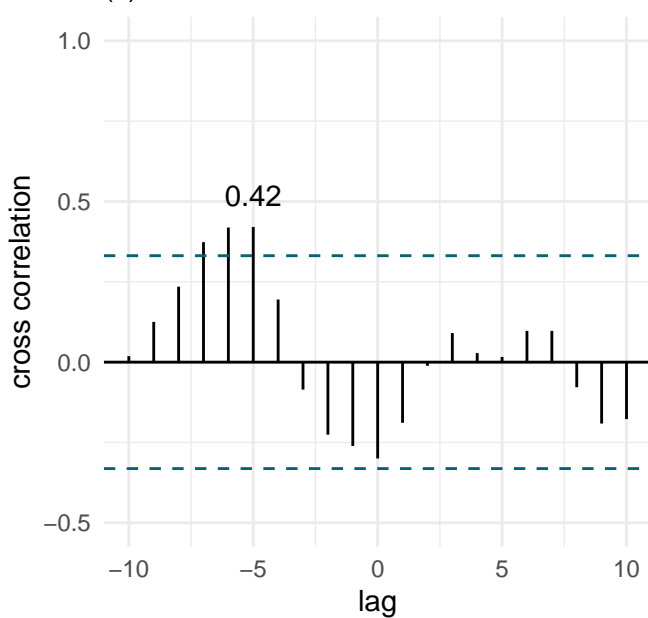
(a)



(b)



(c)

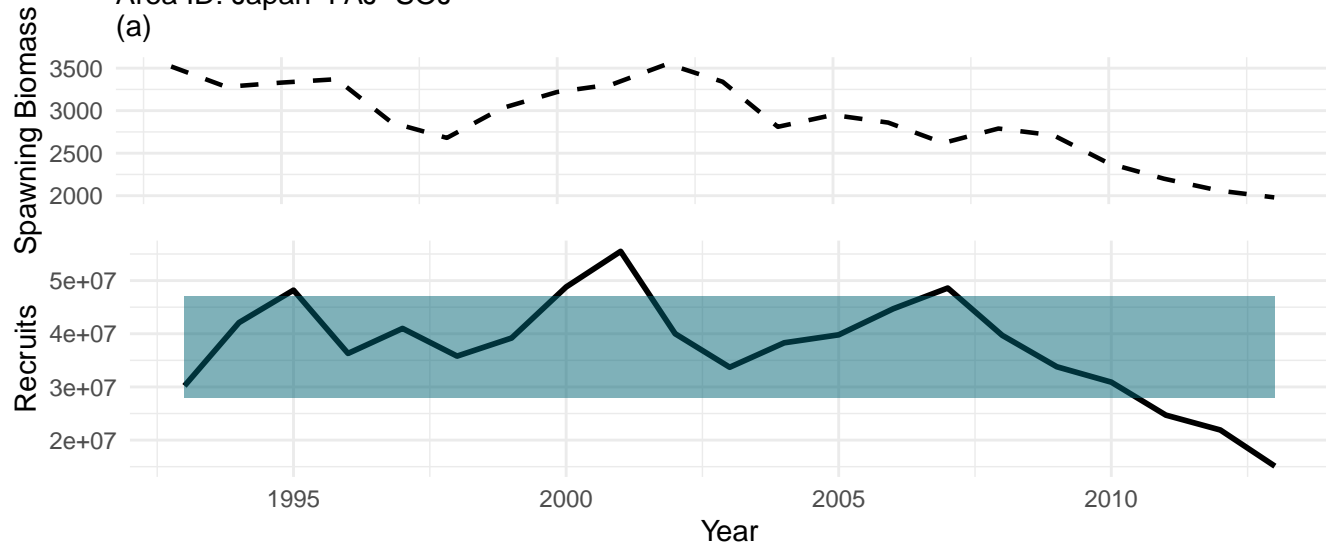


Round nose flounder

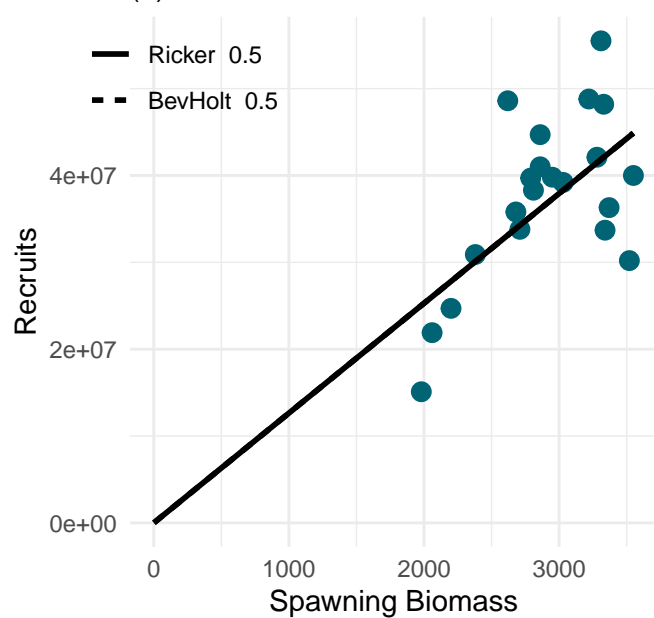
Eopsetta grigorjewi

Area ID: Japan-FAJ-SOJ

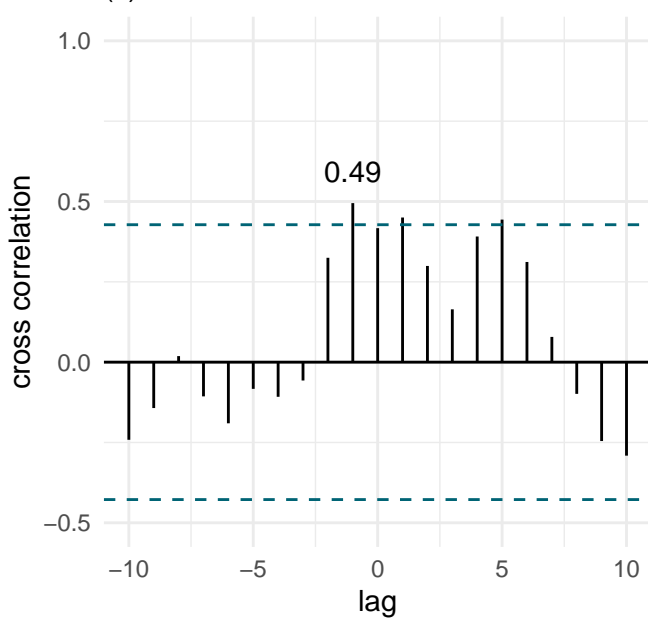
(a)



(b)



(c)

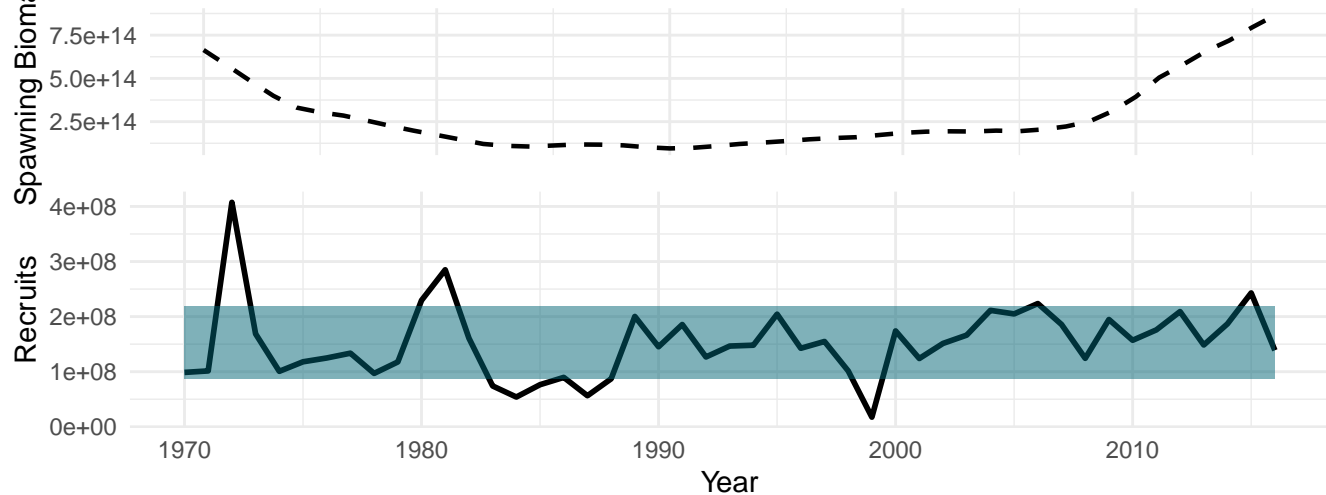


Red snapper

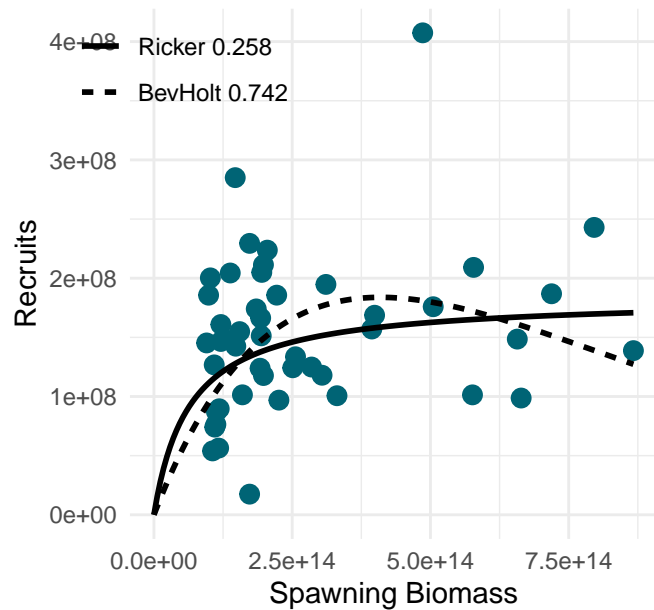
Lutjanus campechanus

Area ID: USA-NMFS-GM

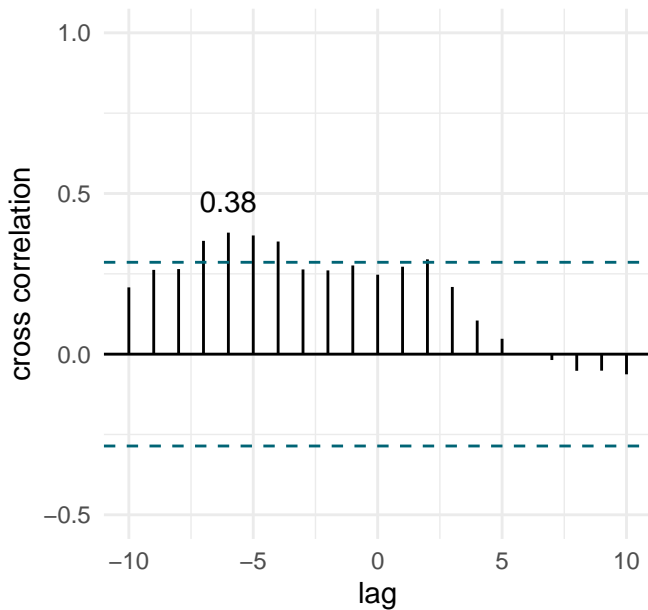
(a)



(b)



(c)

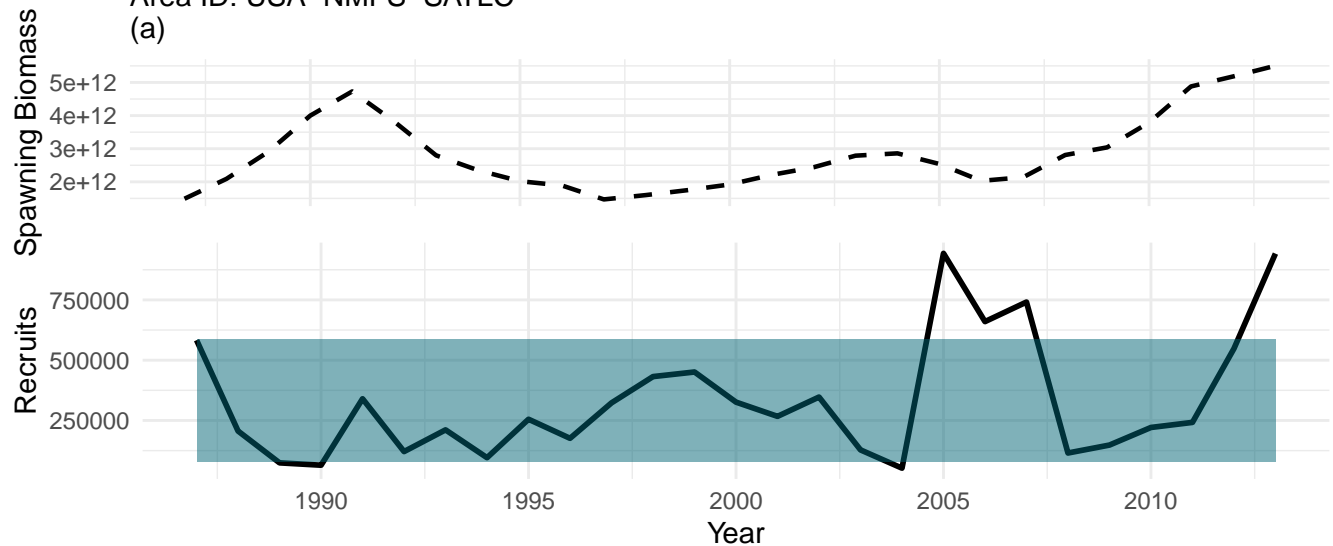


Red snapper

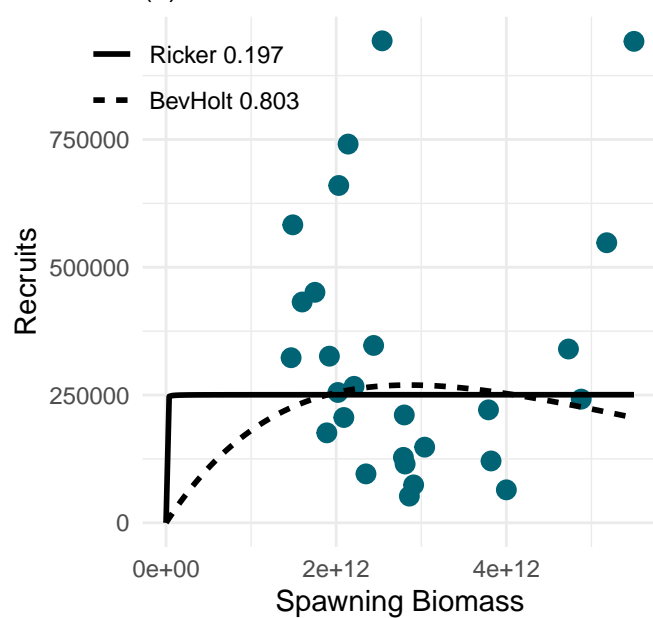
Lutjanus campechanus

Area ID: USA-NMFS-SATLC

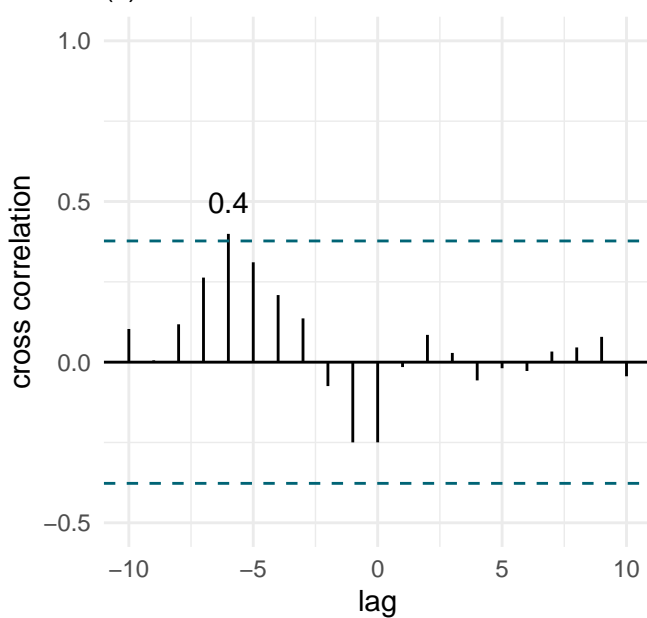
(a)



(b)



(c)

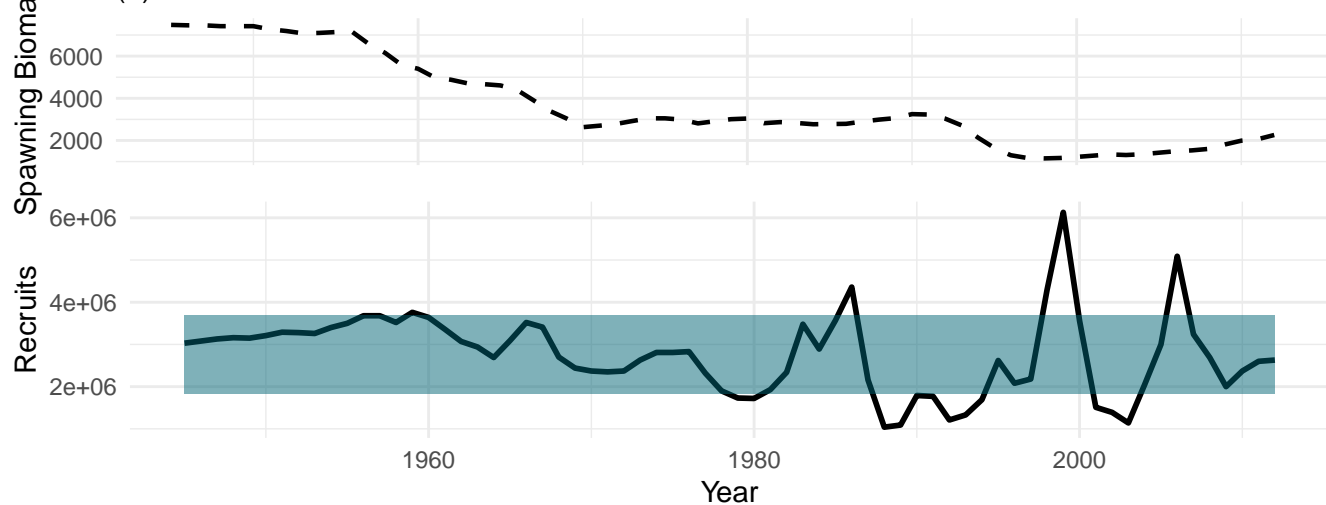


Rock sole

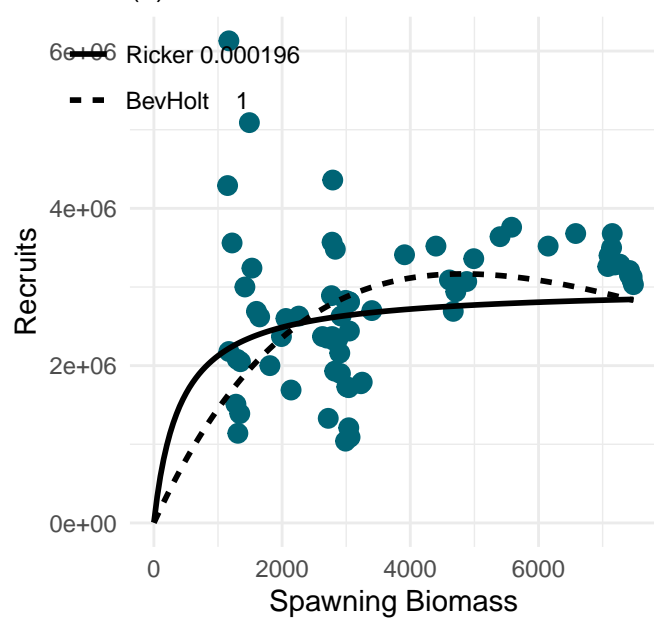
Lepidopsetta bilineata

Area ID: Canada-DFO-5AB

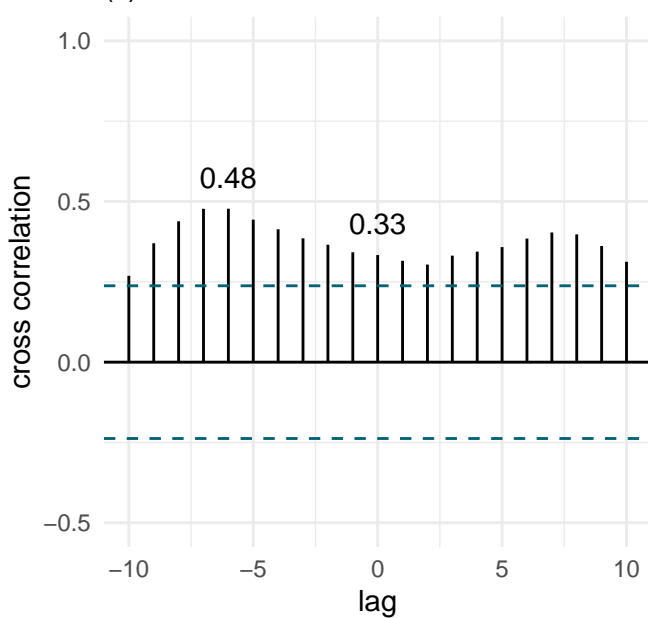
(a)



(b)



(c)

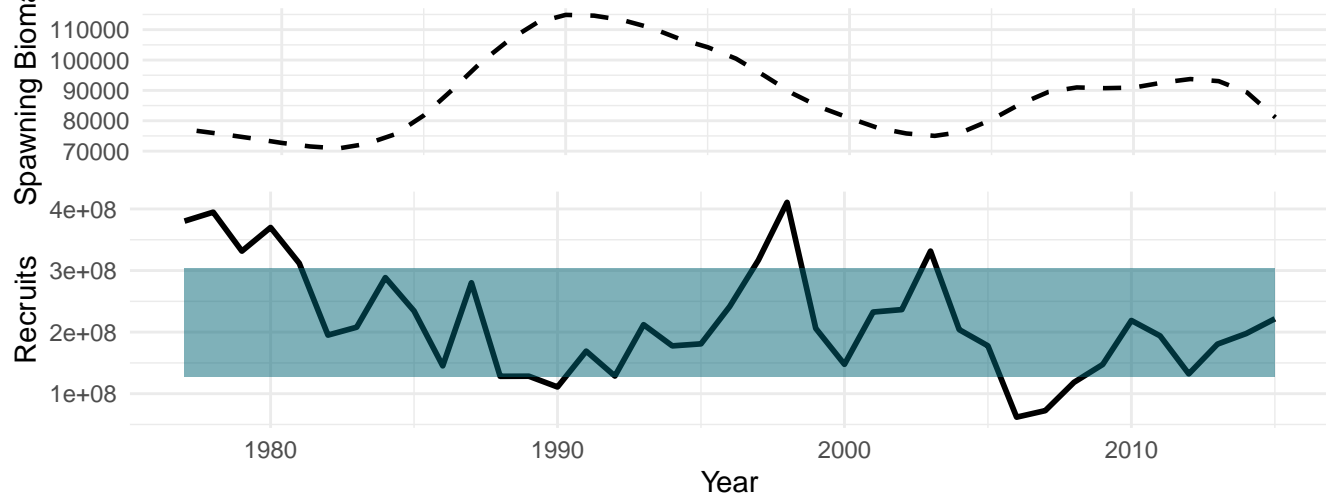


Rock sole

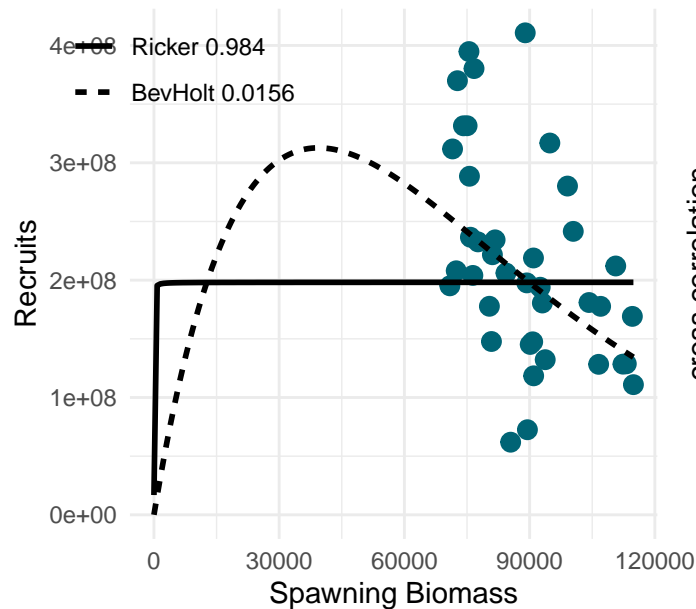
Lepidopsetta bilineata

Area ID: USA-NMFS-GA

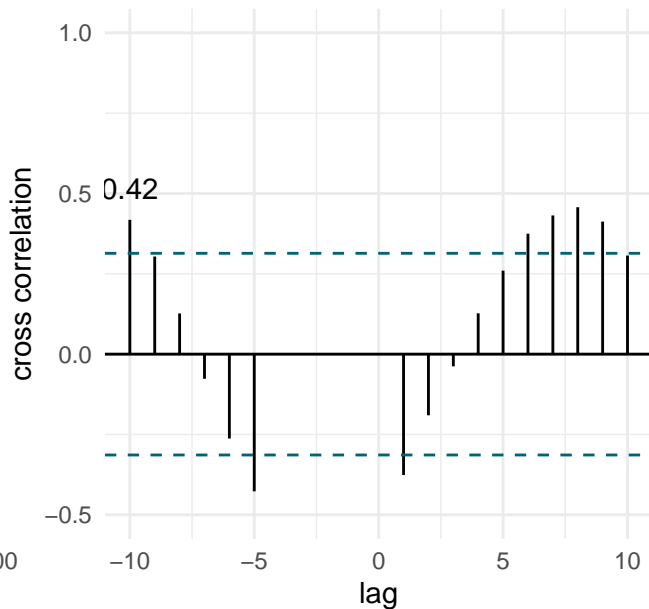
(a)



(b)



(c)

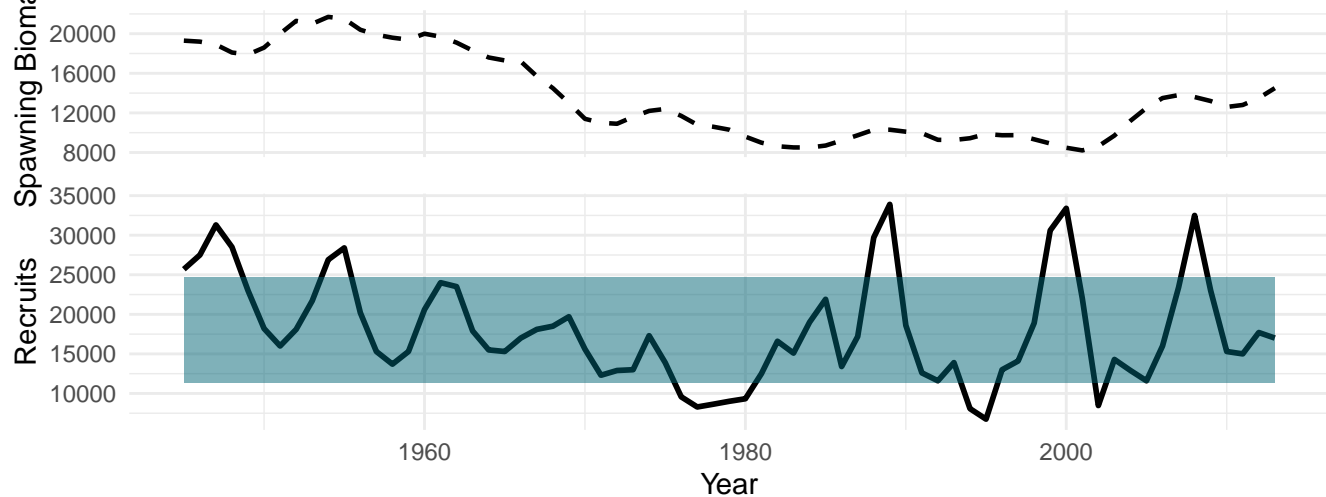


Rock sole

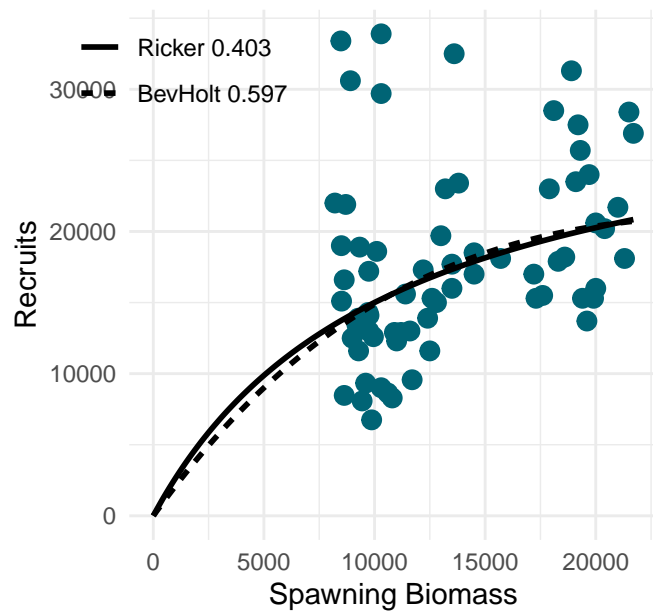
Lepidopsetta bilineata

Area ID: Canada-DFO-HS

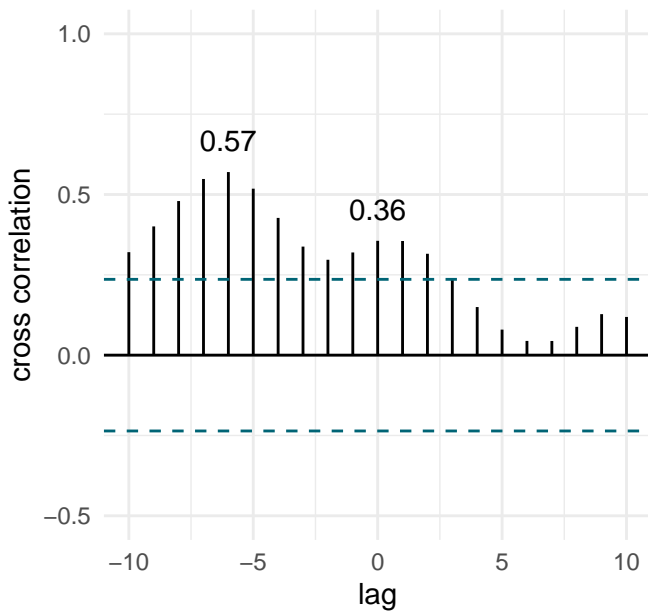
(a)



(b)



(c)

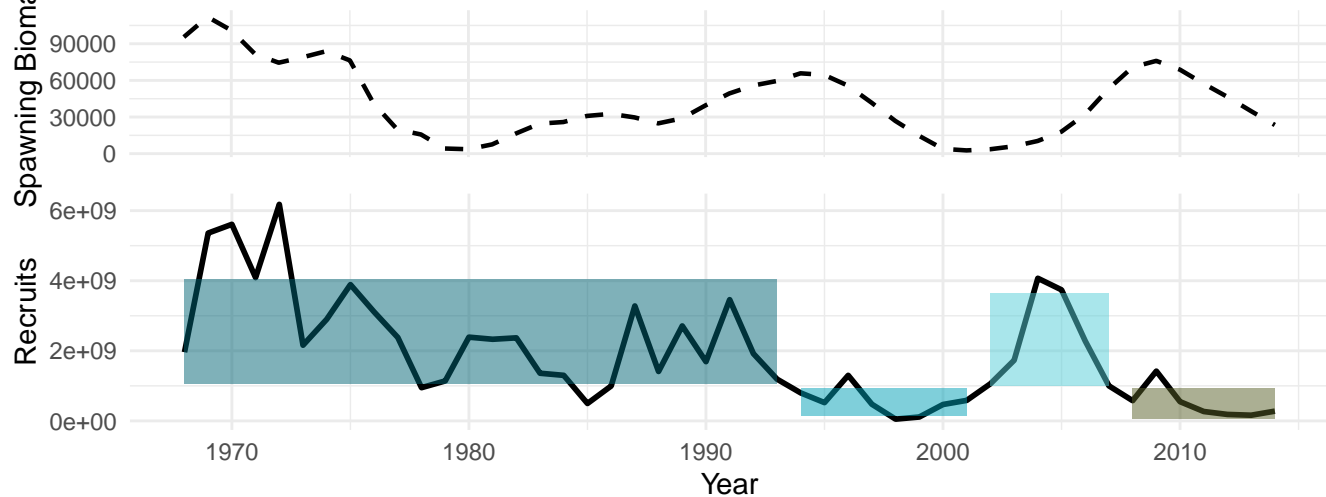


Red squat lobster

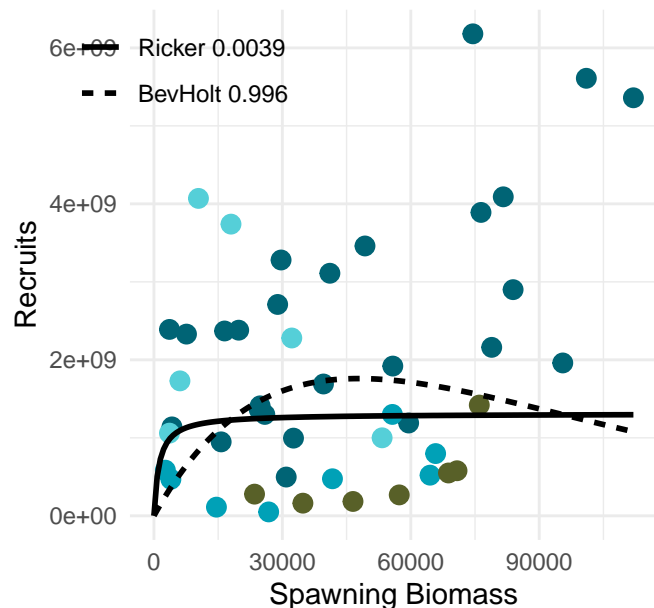
Pleuroncodes monodon

Area ID: Chile-SUBPESCA-CH-CS

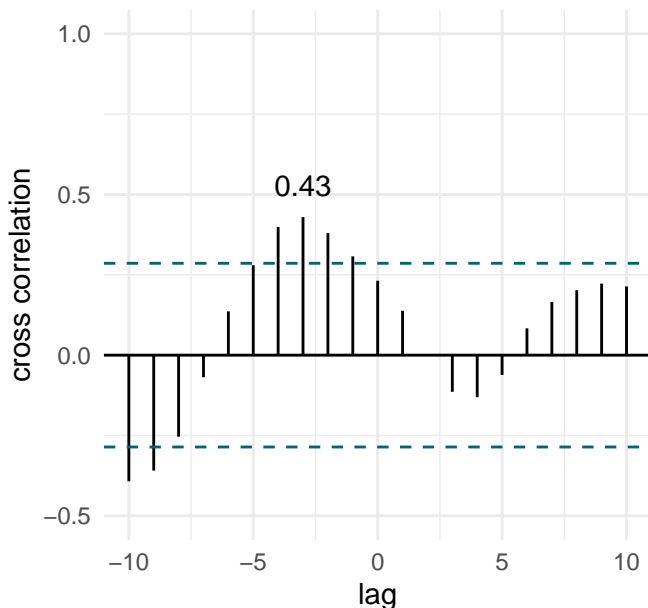
(a)



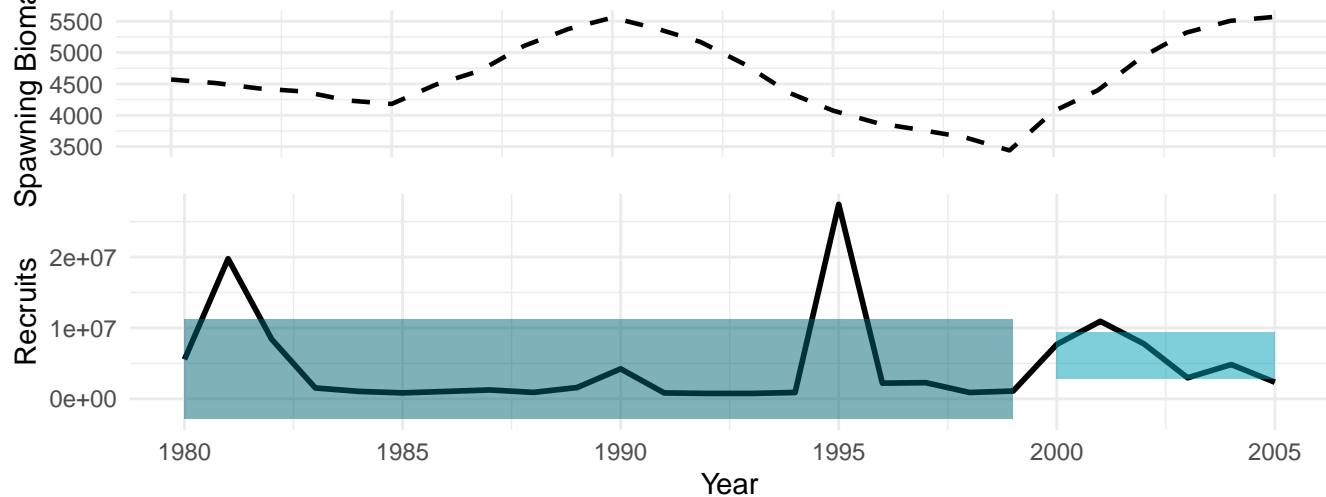
(b)



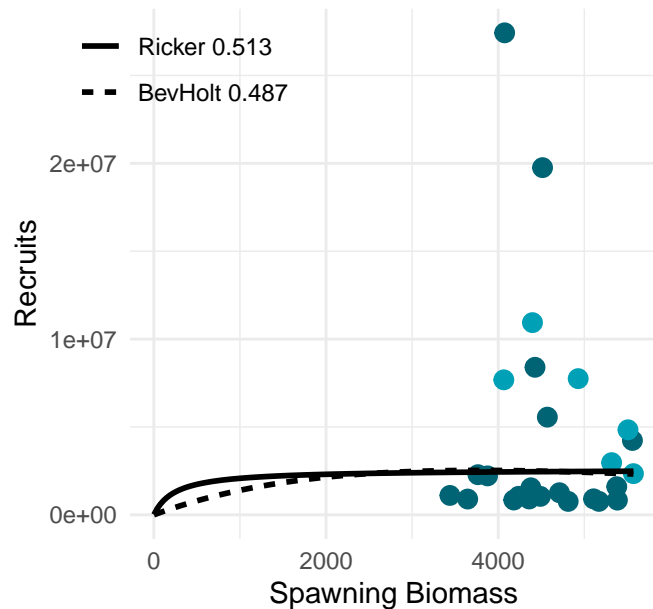
(c)



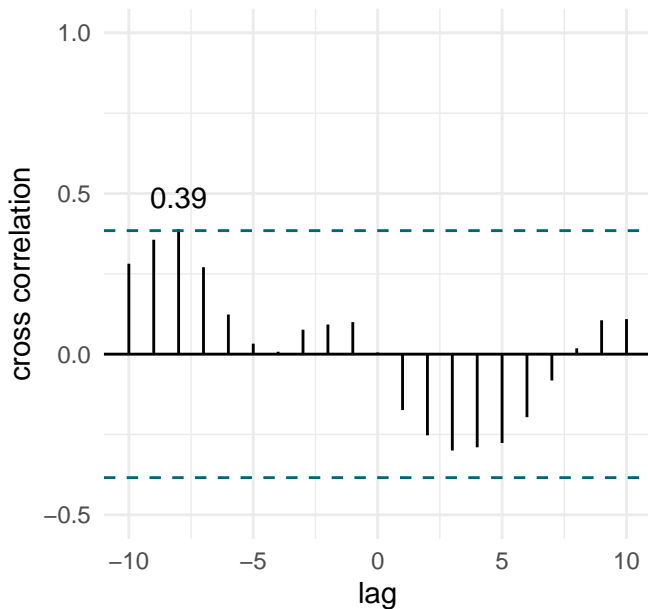
Redstripe rockfish
Sebastes proriger
Area ID: Canada-DFO-BCWN
(a)



(b)



(c)

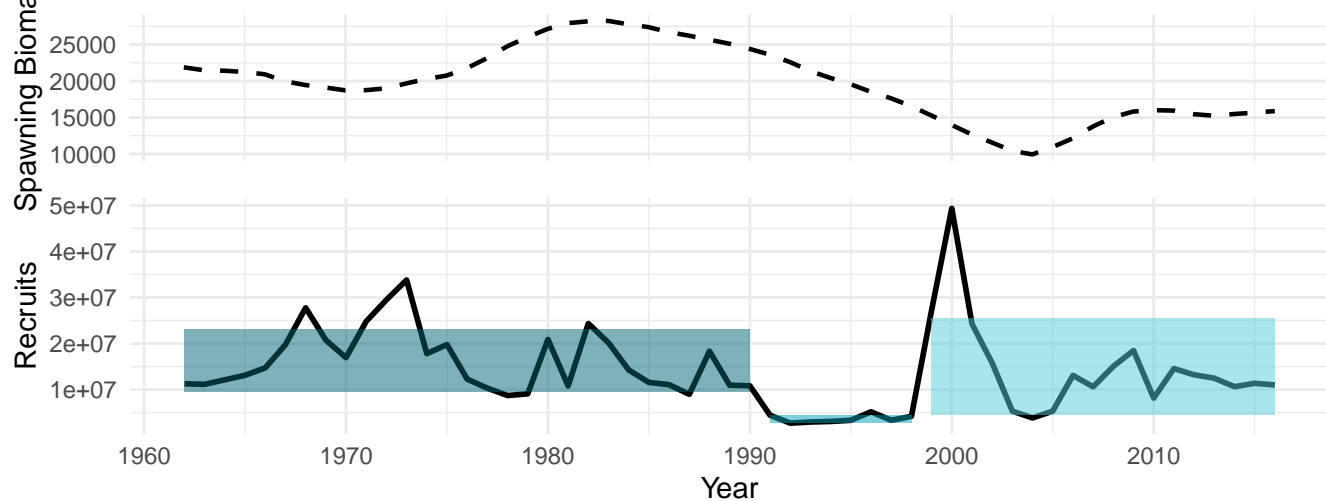


Redstripe rockfish

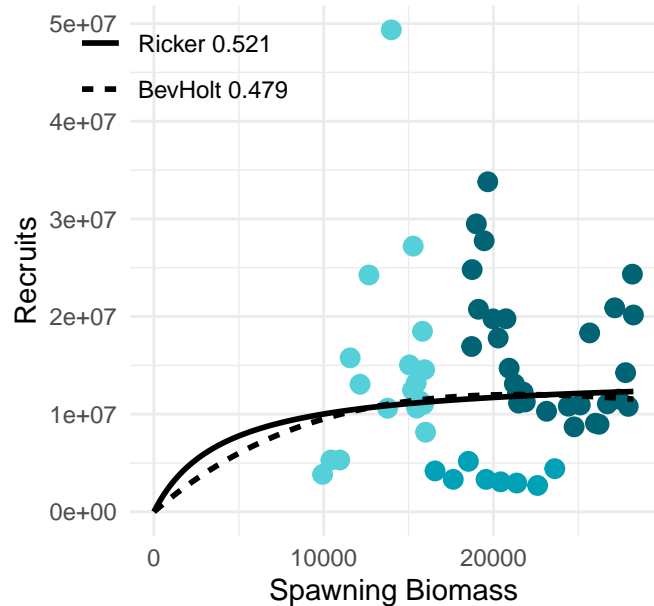
Sebastes proriger

Area ID: Canada-DFO-BCWS

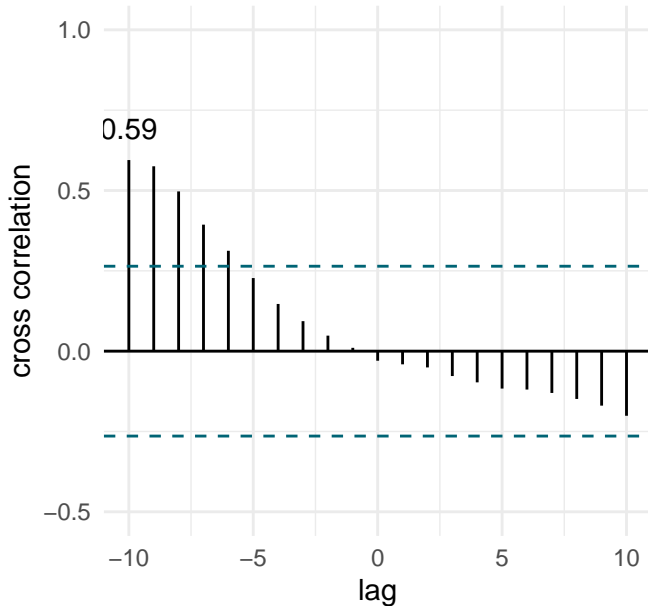
(a)



(b)



(c)

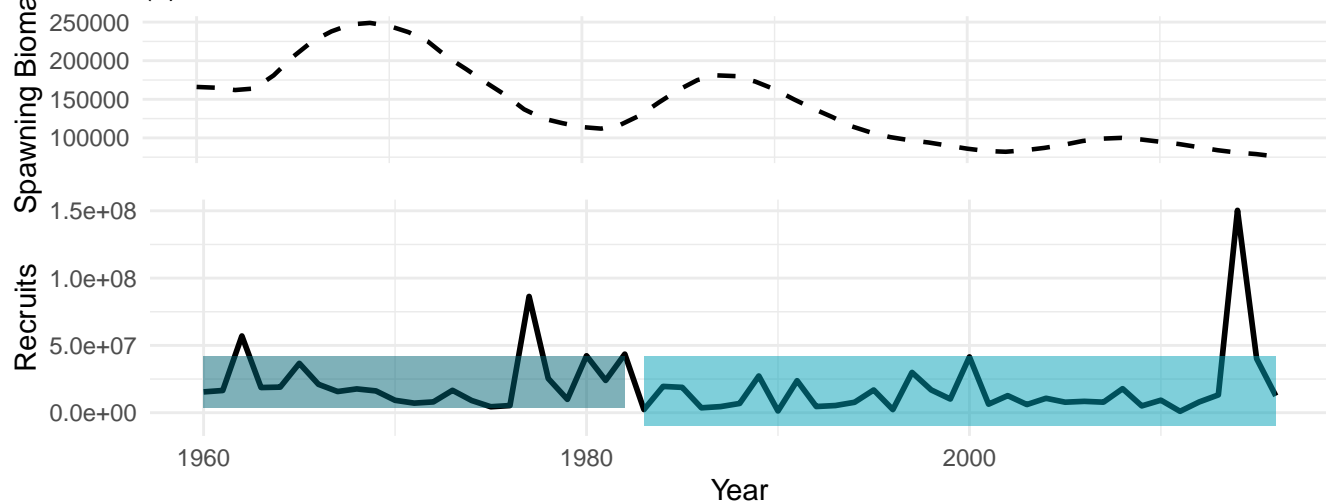


Sablefish

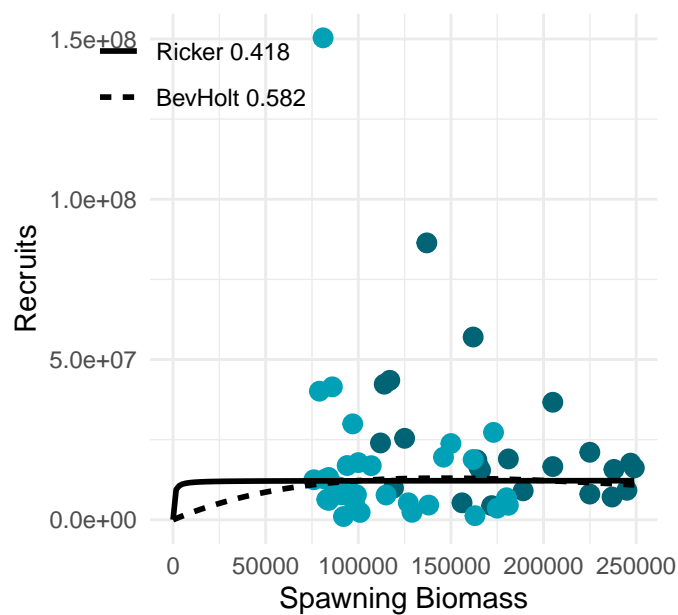
Anoplopoma fimbria

Area ID: USA-NMFS-EBSAIGA

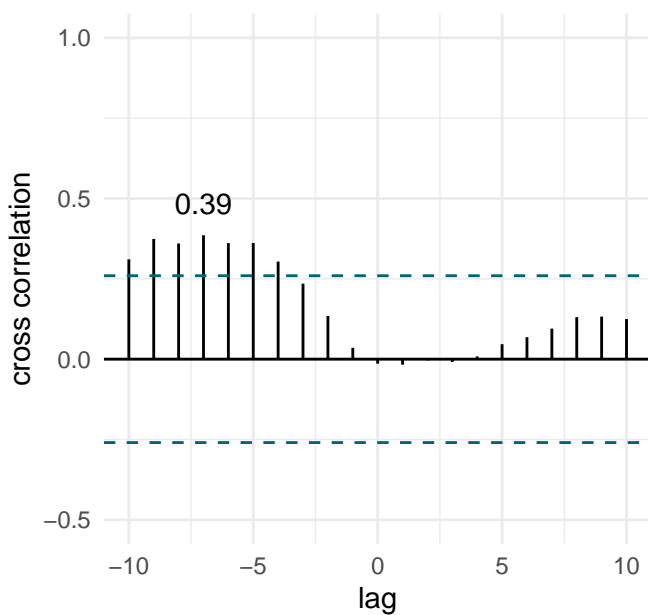
(a)



(b)



(c)

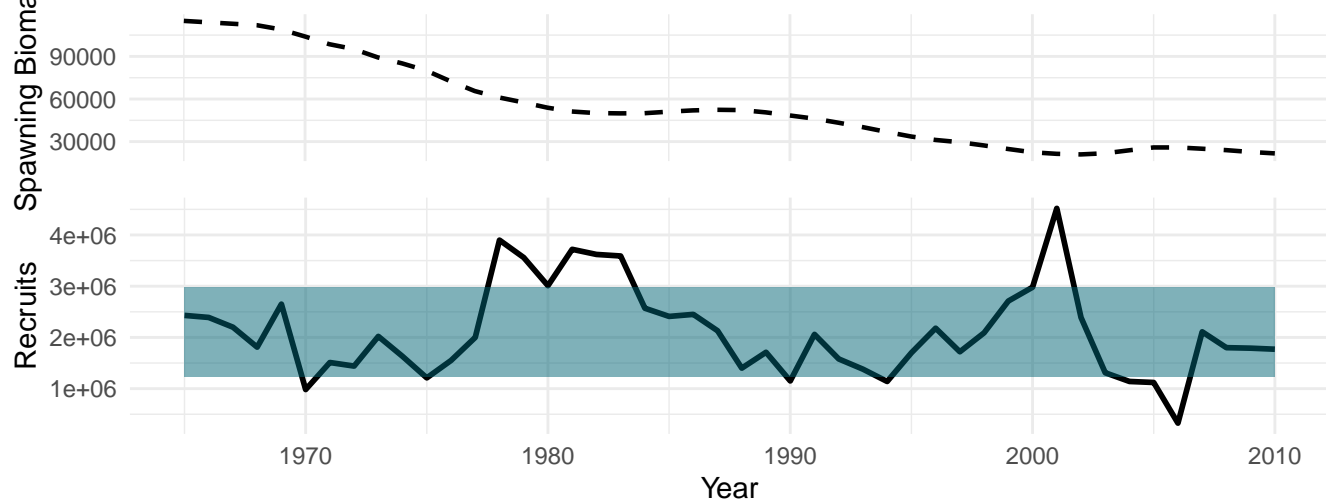


Sablefish

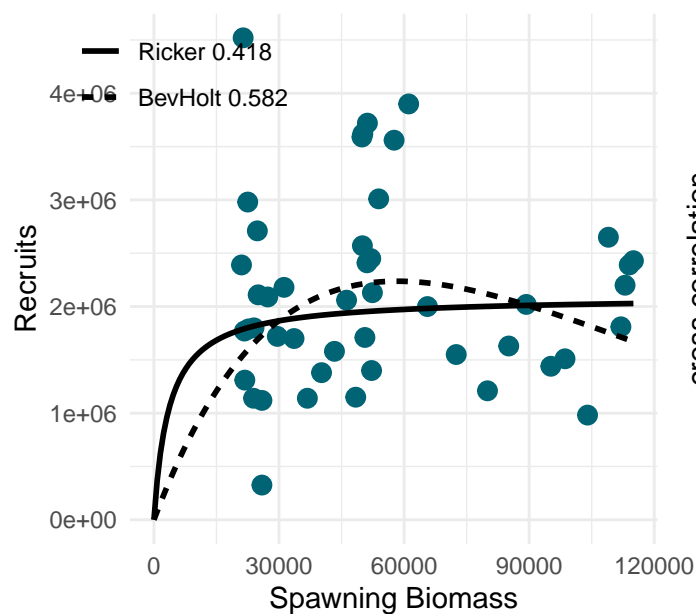
Anoplopoma fimbria

Area ID: Canada-DFO-PCOAST

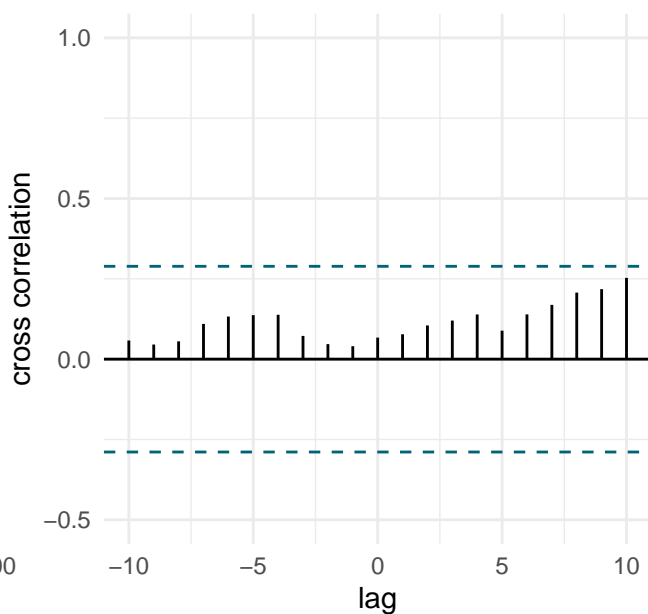
(a)



(b)



(c)

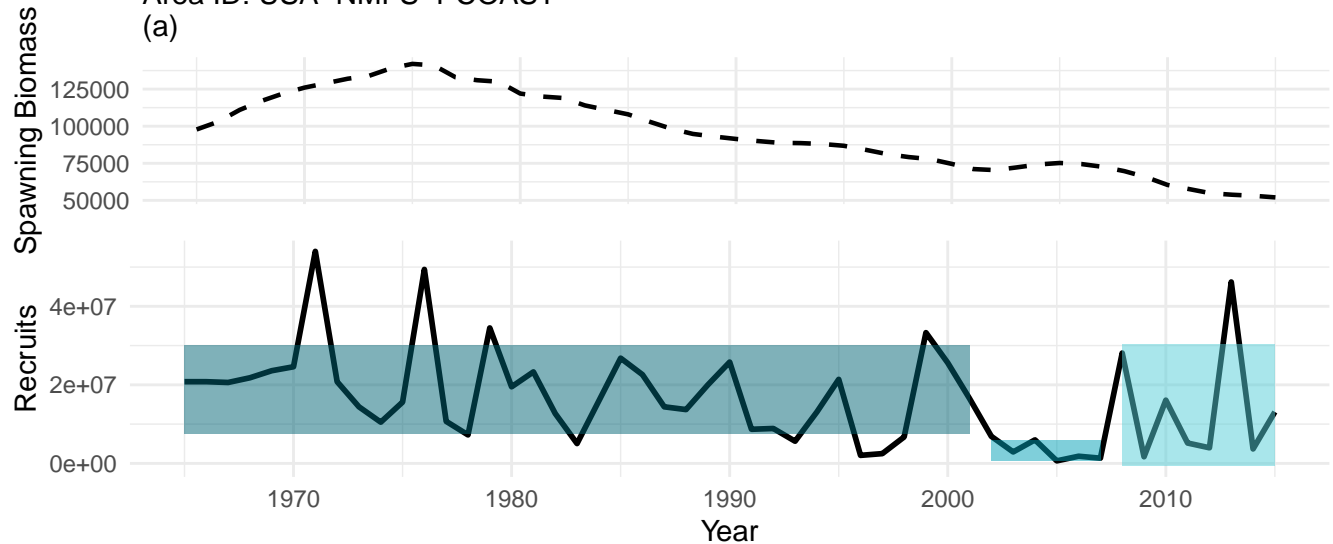


Sablefish

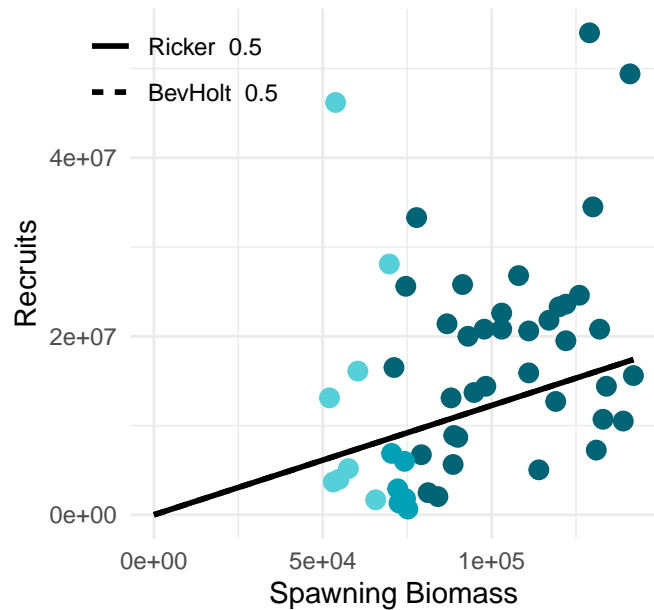
Anoplopoma fimbria

Area ID: USA-NMFS-PCOAST

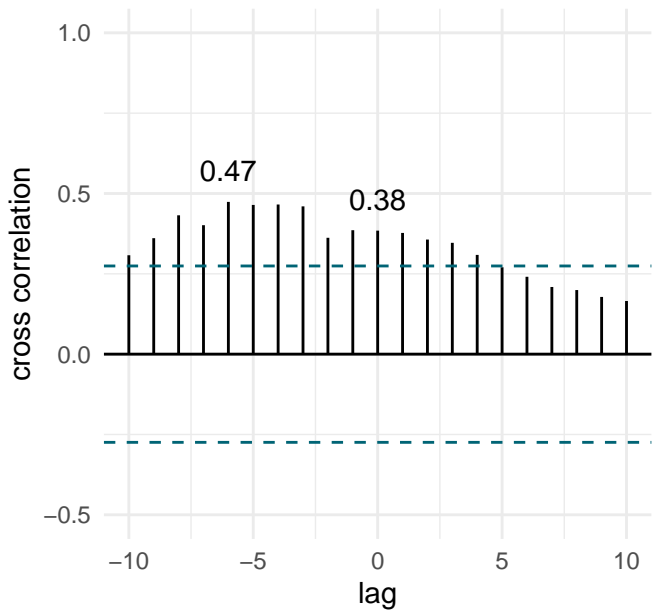
(a)



(b)



(c)

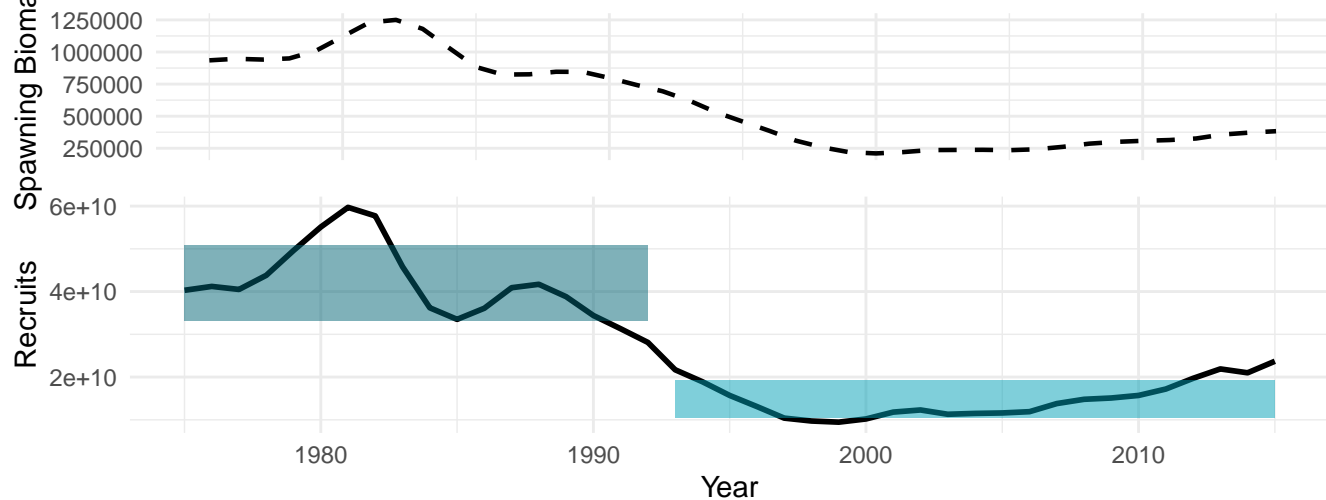


Sardine

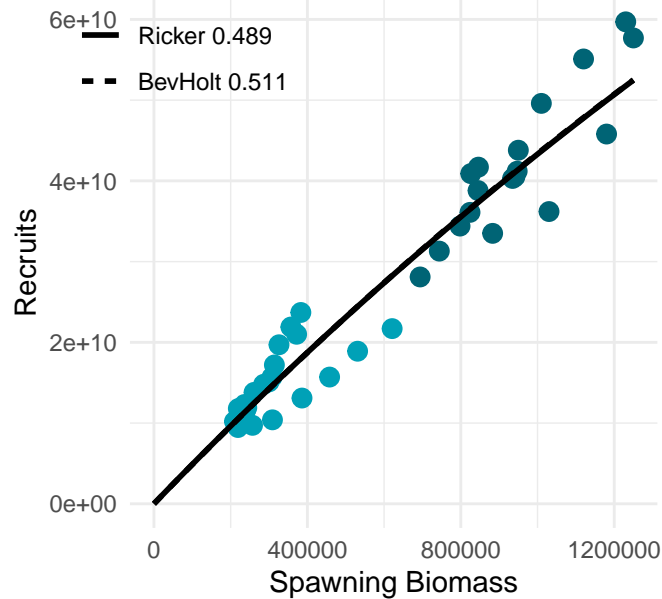
Sardina pilchardus

Area ID: multinational-GFCM-GSA17-18

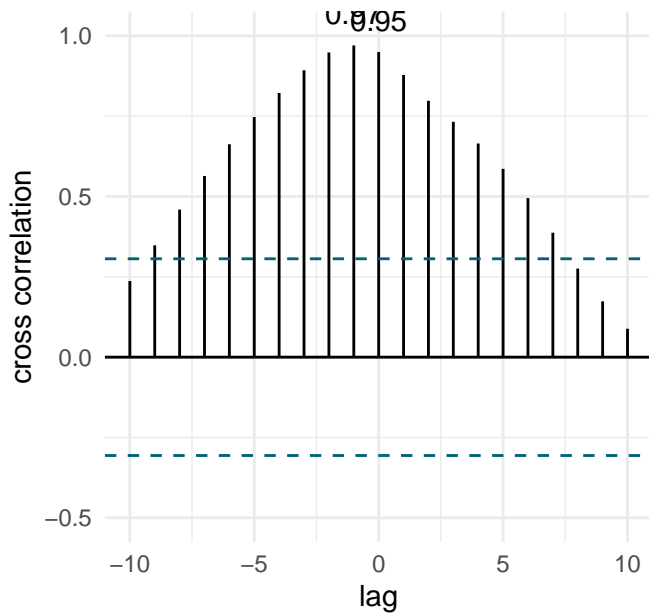
(a)



(b)



(c)

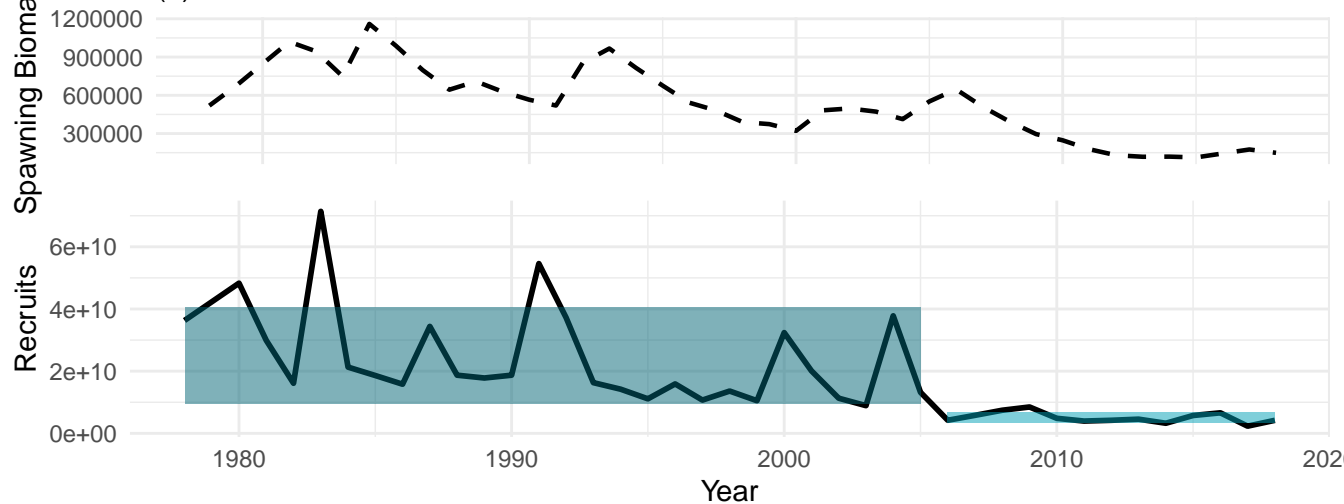


Sardine

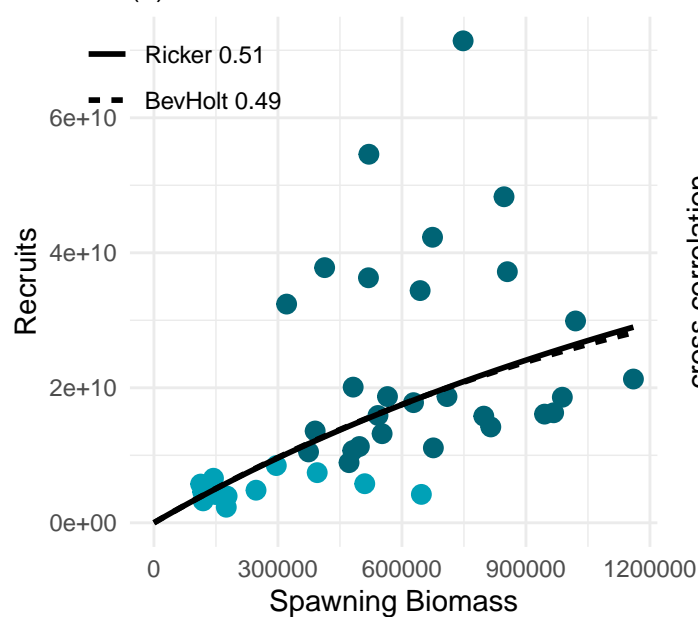
Sardina pilchardus

Area ID: multinational-ICES-VIIIc-IXa

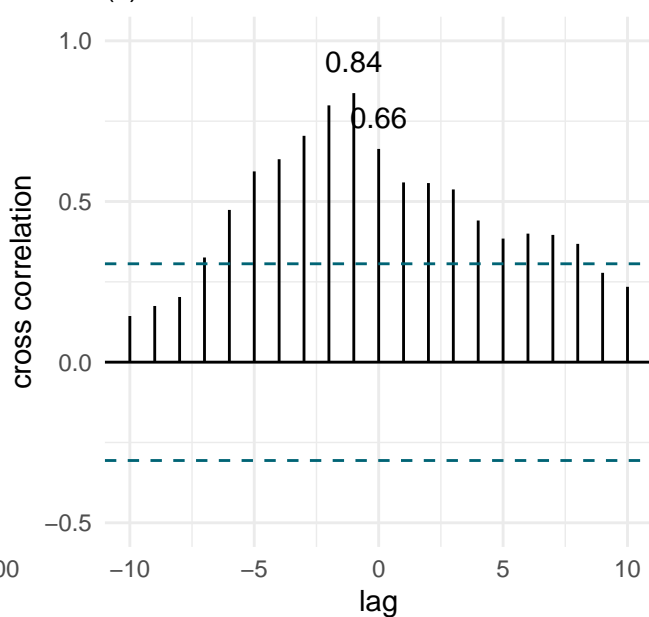
(a)



(b)



(c)

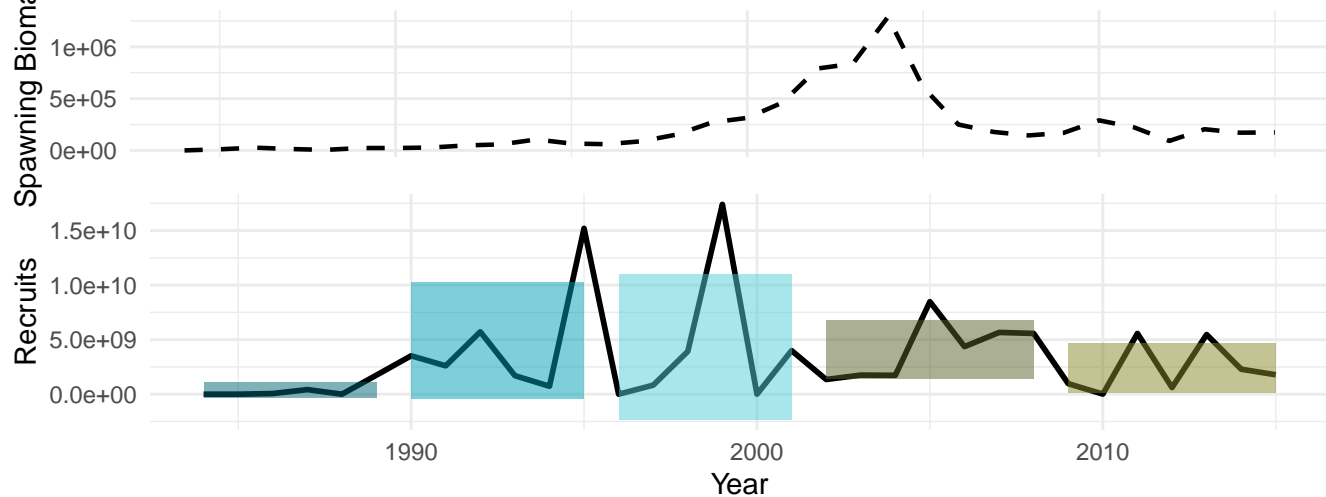


Sardine

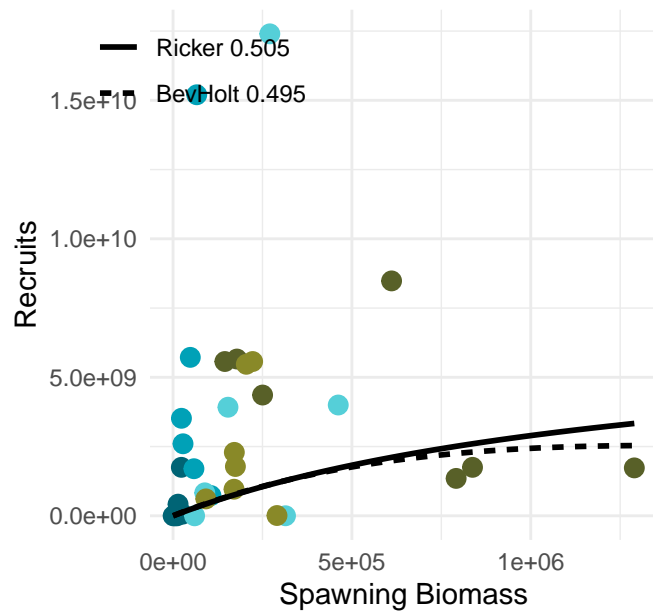
Sardinops sagax

Area ID: South Africa–DETMCM–SAS

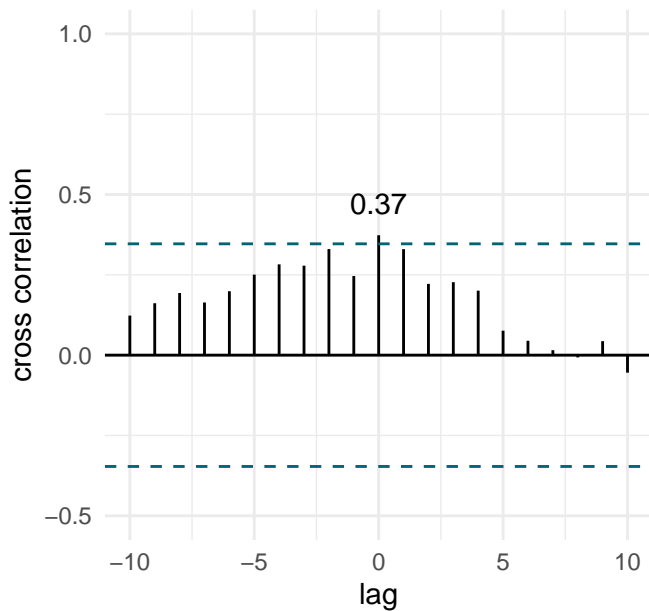
(a)



(b)



(c)

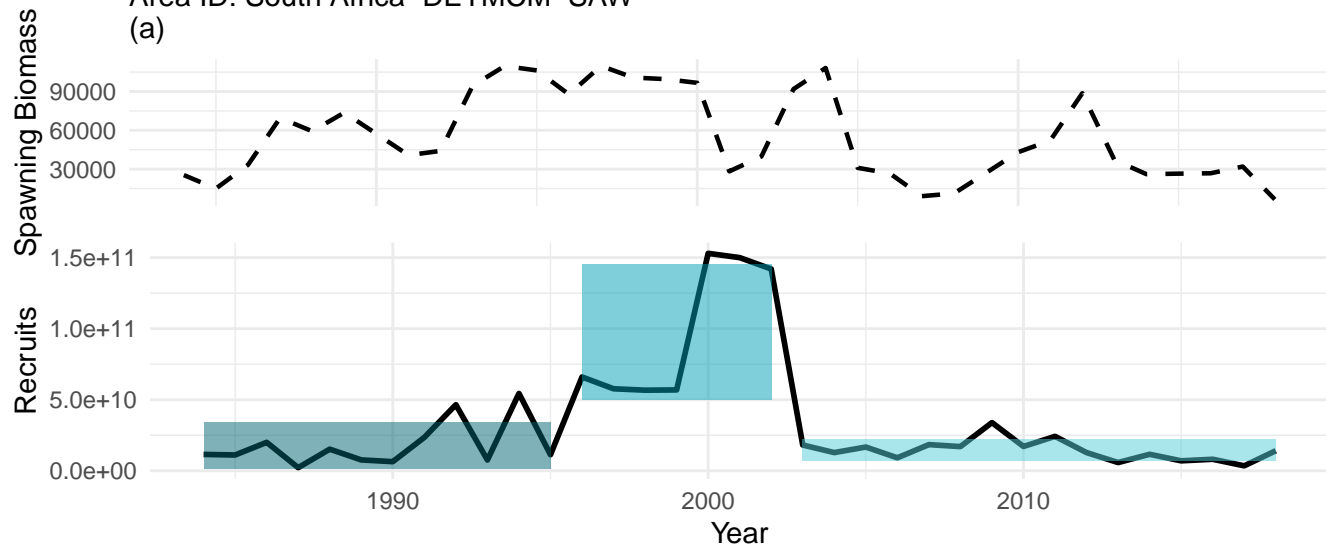


Sardine

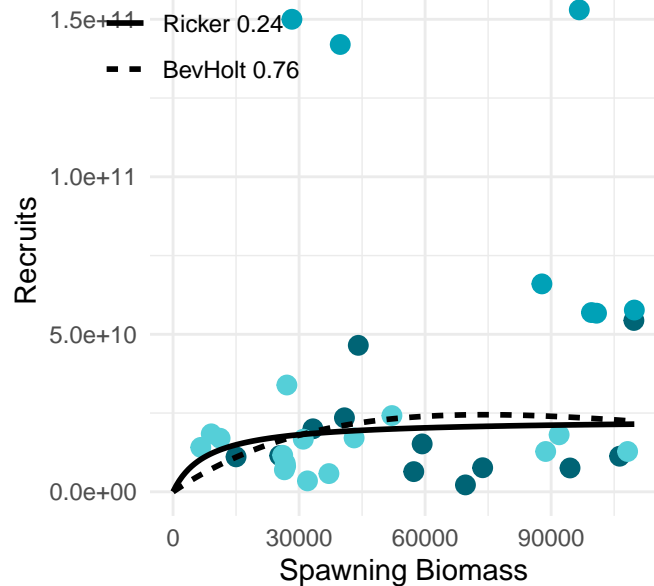
Sardinops sagax

Area ID: South Africa–DETMCM–SAW

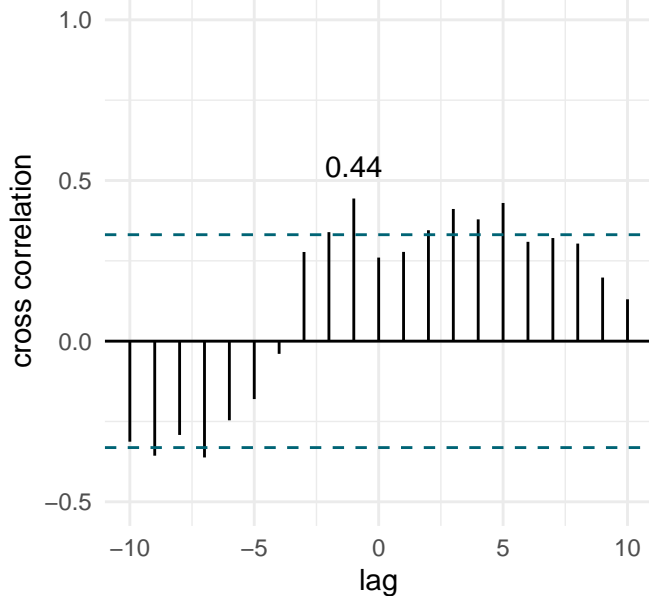
(a)



(b)



(c)

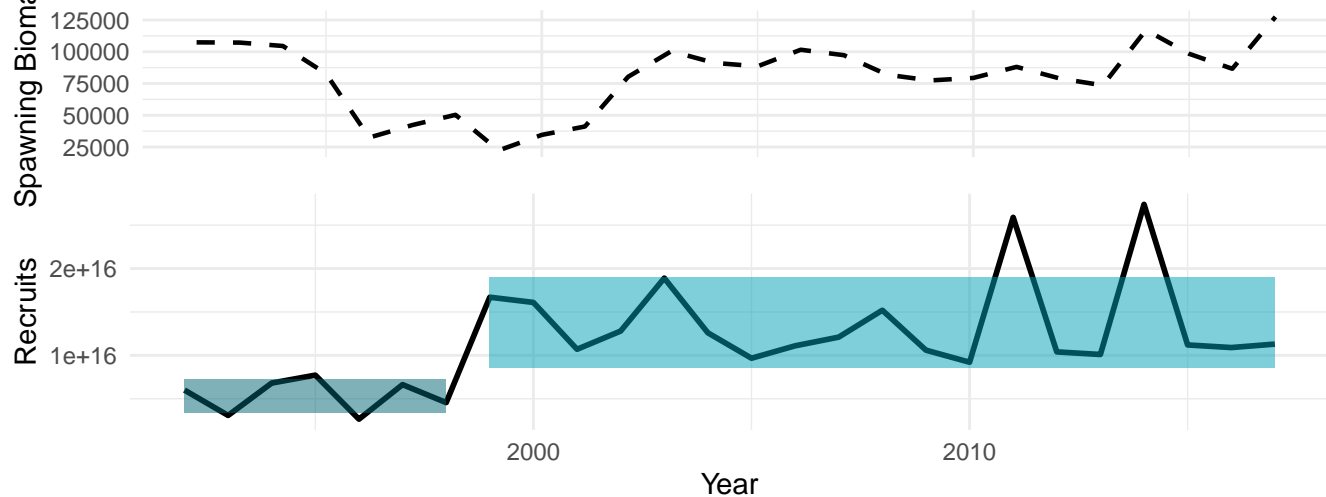


Sardine

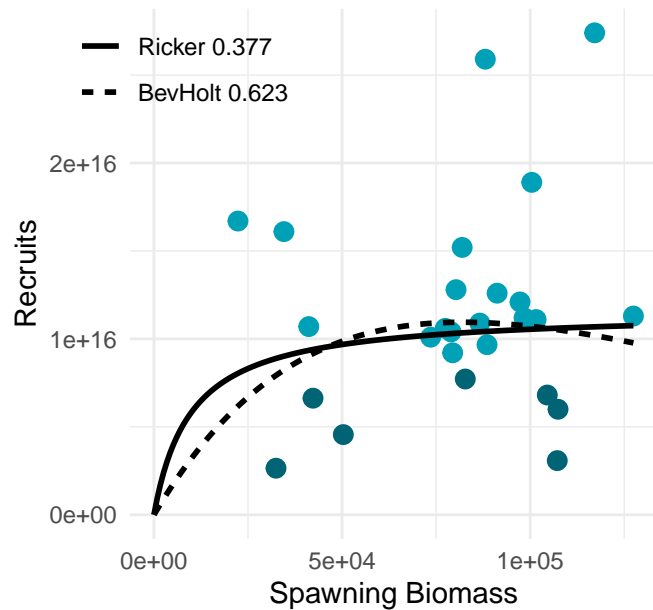
Sardinops sagax

Area ID: Australia–SARDI–WSE

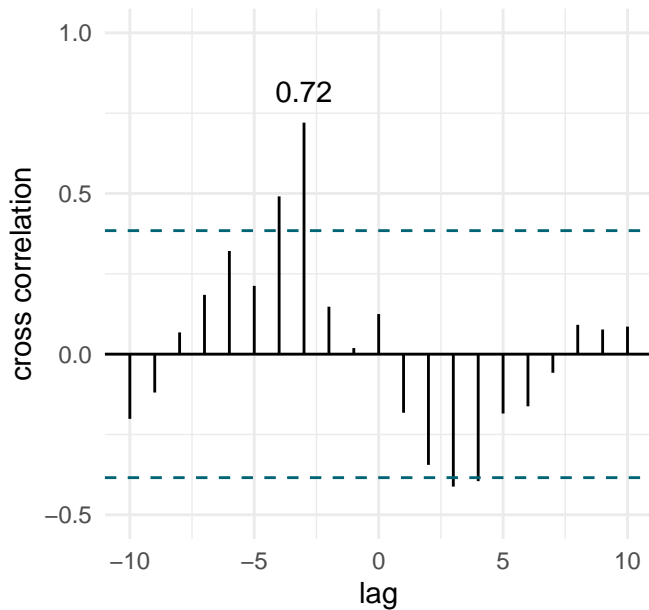
(a)



(b)



(c)

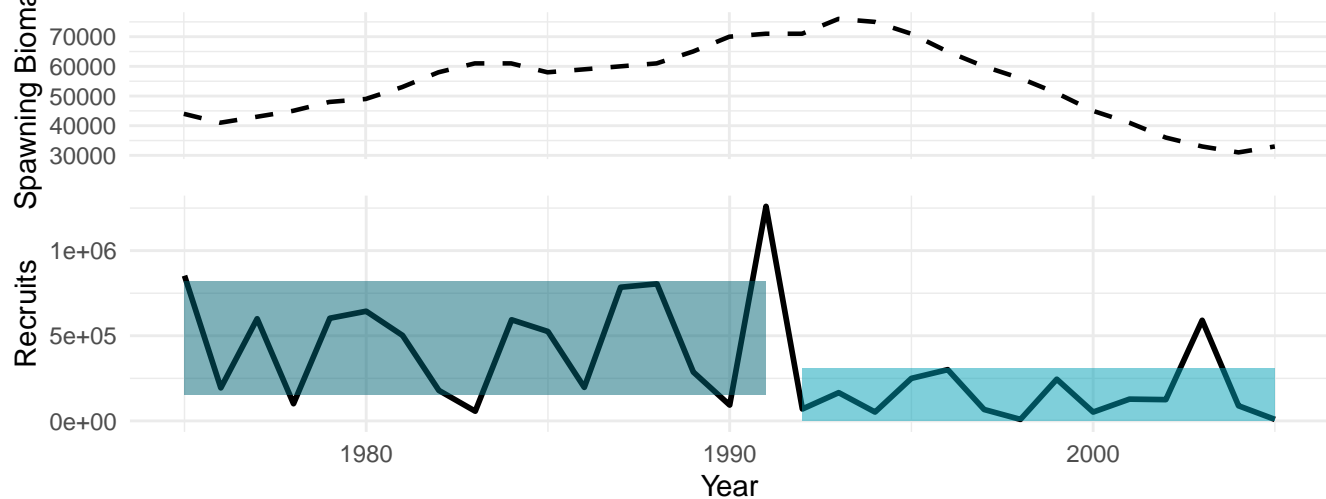


Shortbelly rockfish

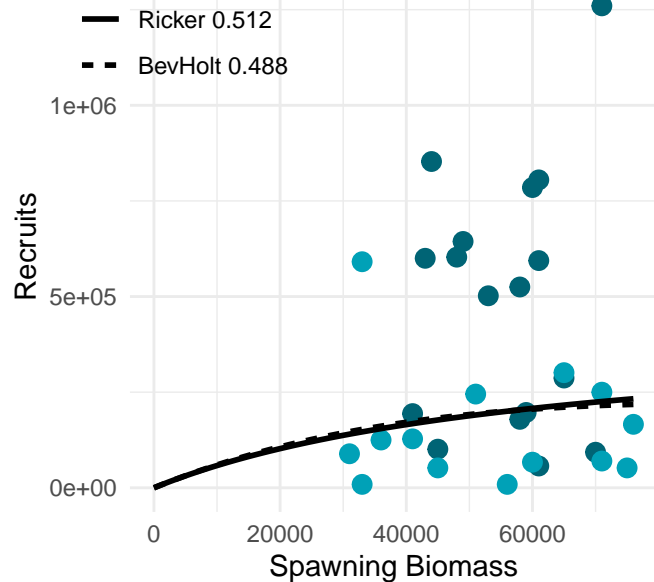
Sebastes jordani

Area ID: USA-NMFS-PCOAST

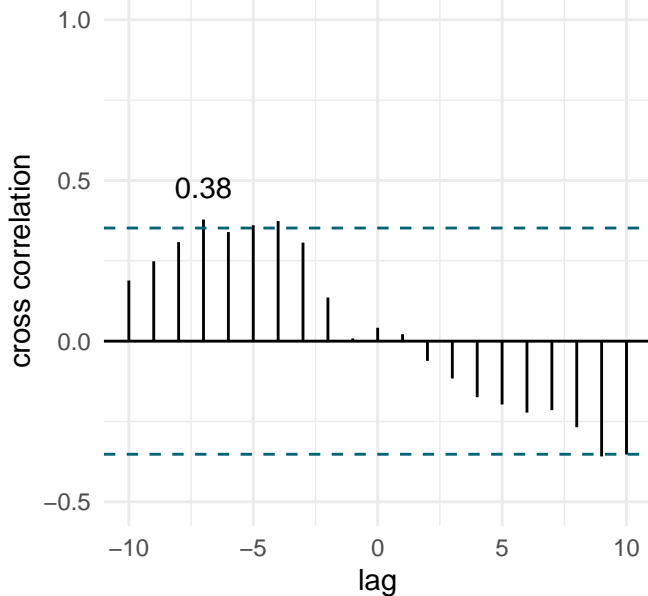
(a)



(b)



(c)

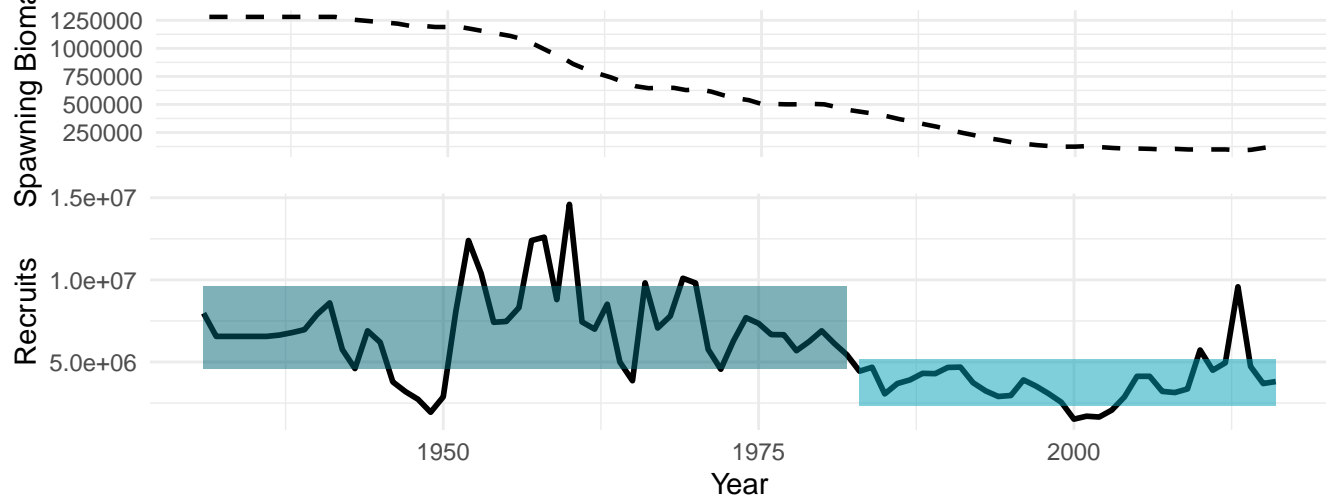


Southern bluefin tuna

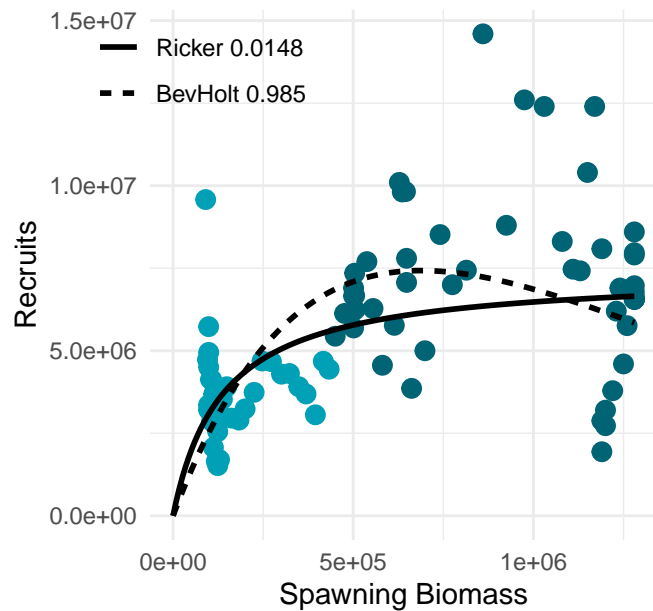
Thunnus maccoyii

Area ID: multinational-CCSBT-SO

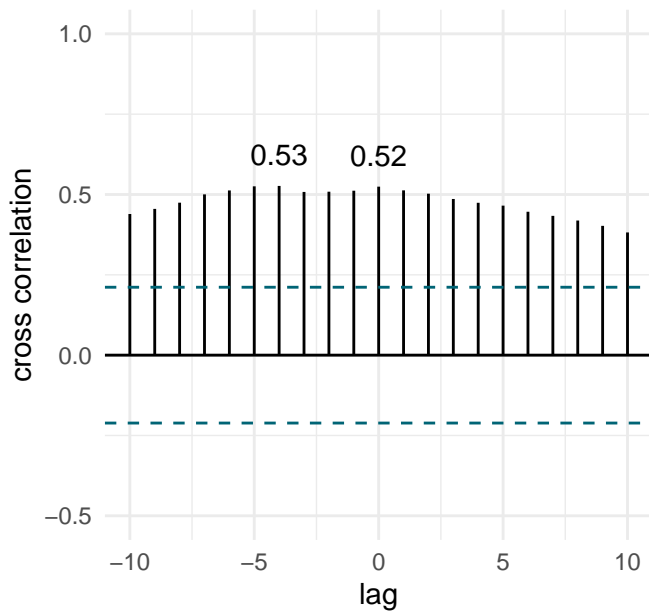
(a)



(b)



(c)

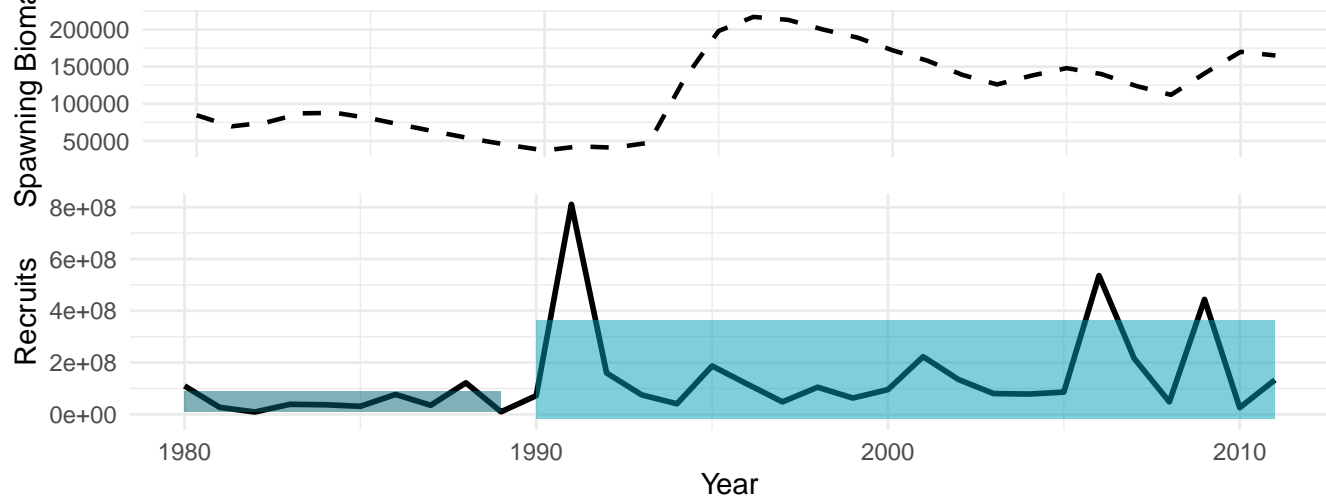


Southern blue whiting

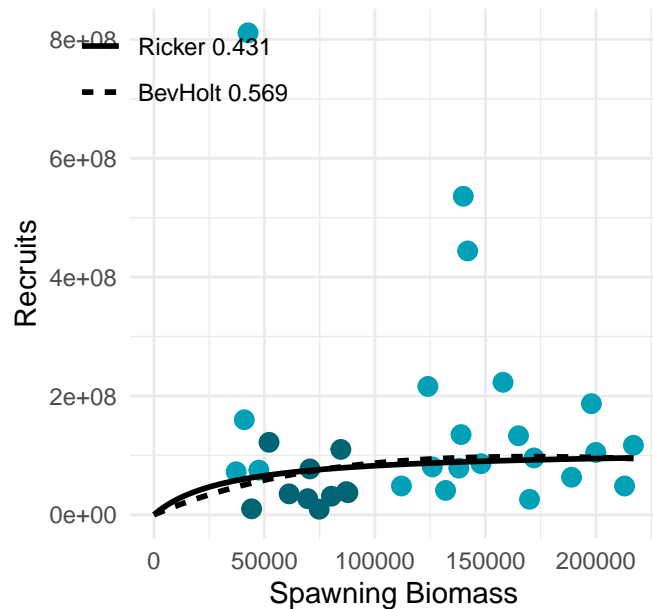
Micromesistius australis

Area ID: New Zealand-MFish-CIR

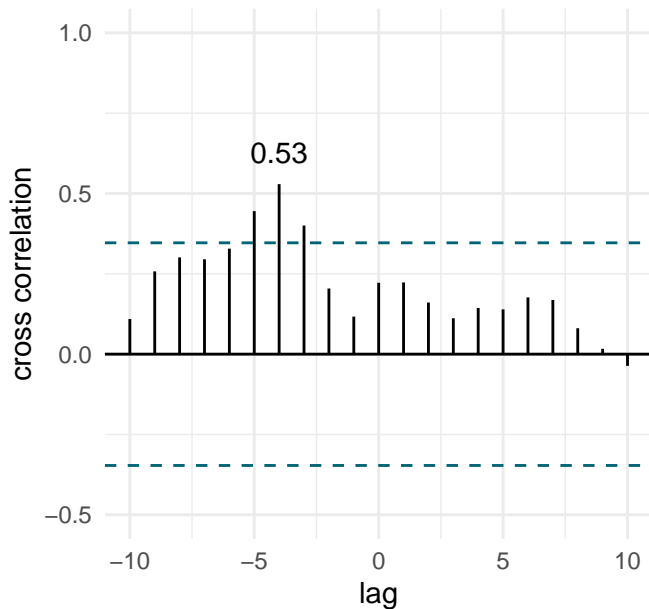
(a)



(b)



(c)

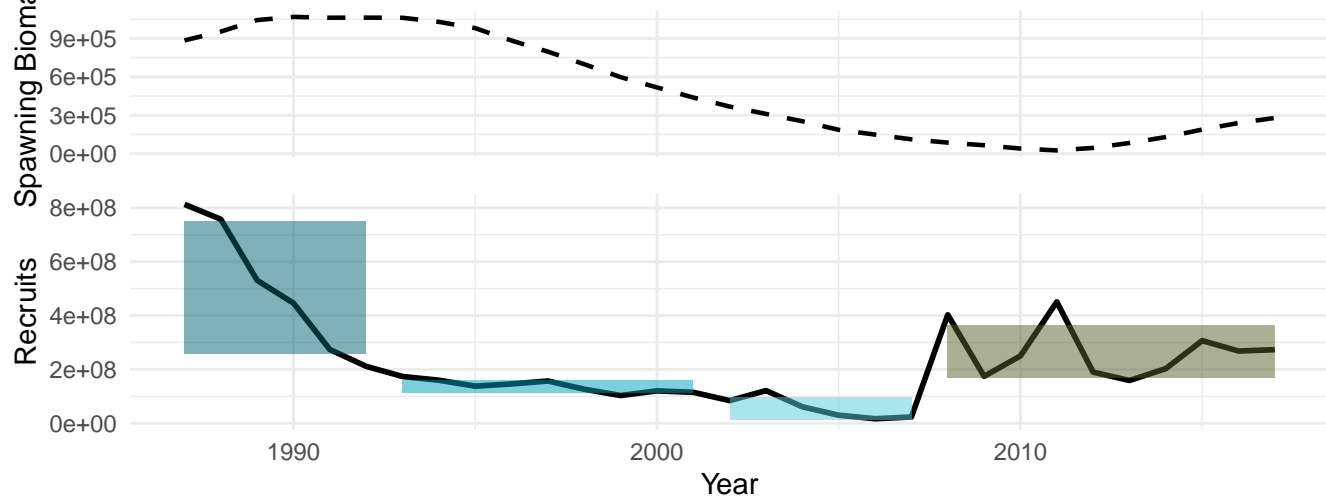


Southern blue whiting

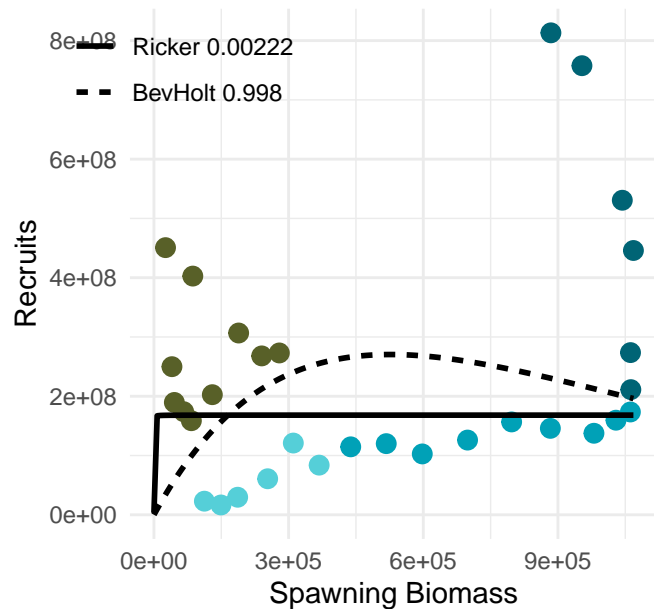
Micromesistius australis

Area ID: Argentina-CFP-ARG-S

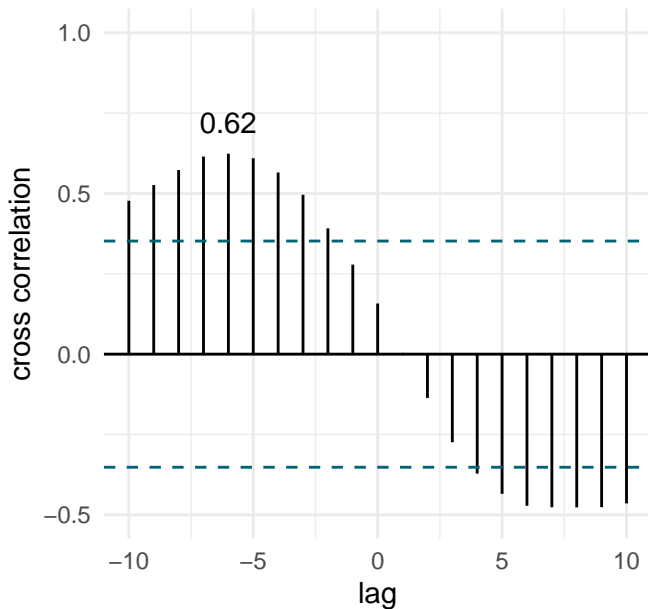
(a)



(b)



(c)

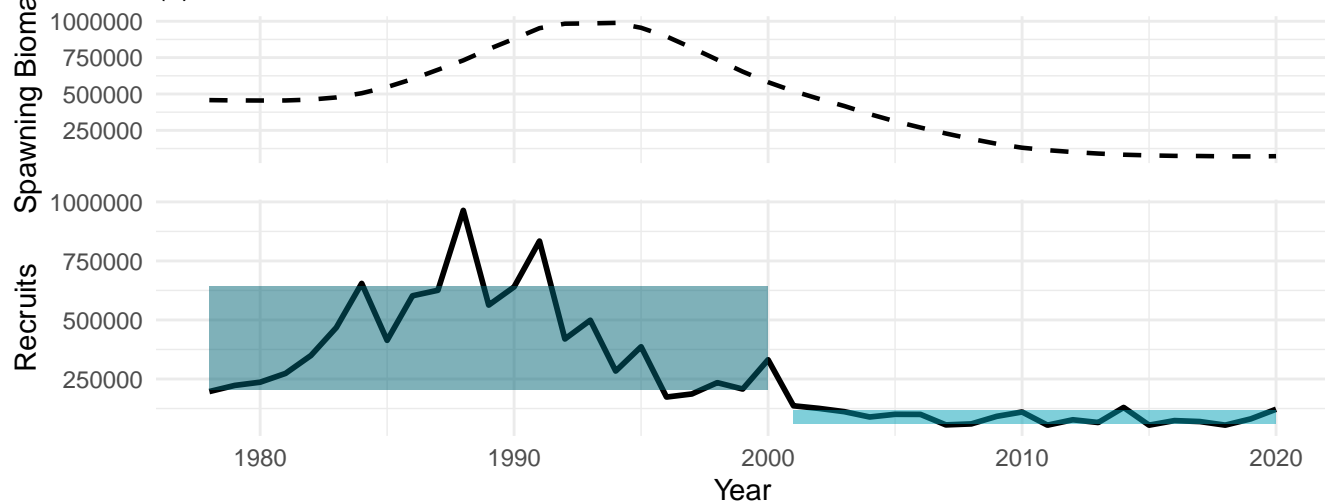


Southern blue whiting

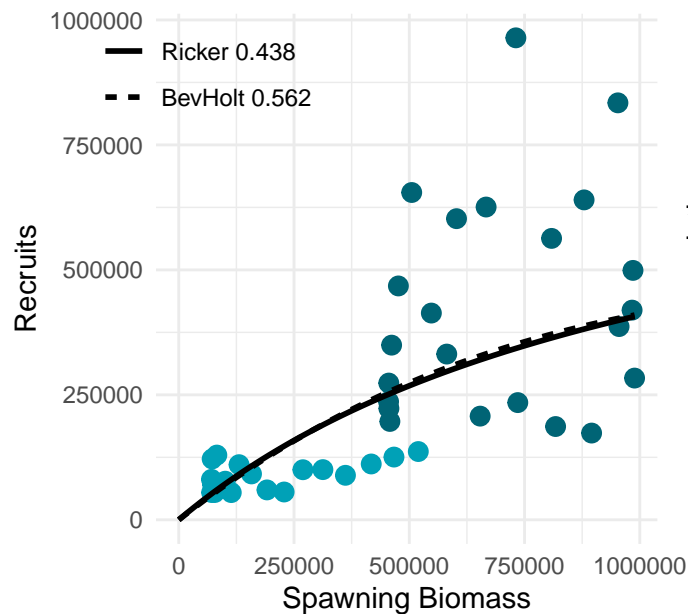
Micromesistius australis

Area ID: Chile-SUBPESCA-CH-CS

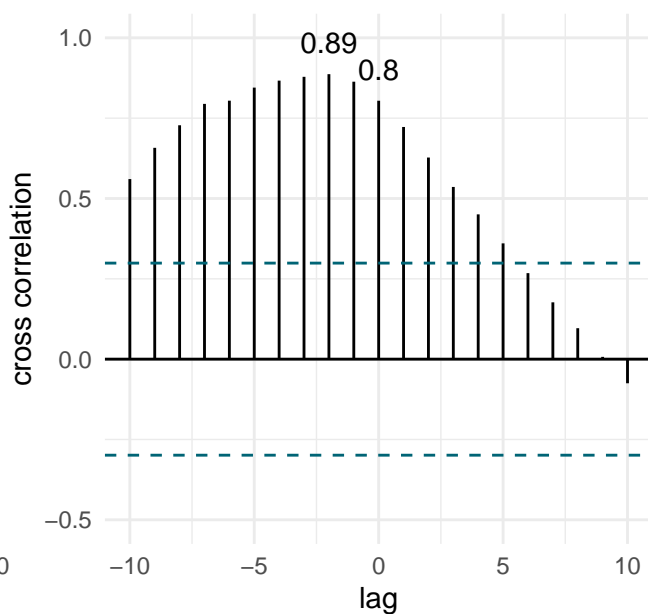
(a)



(b)



(c)

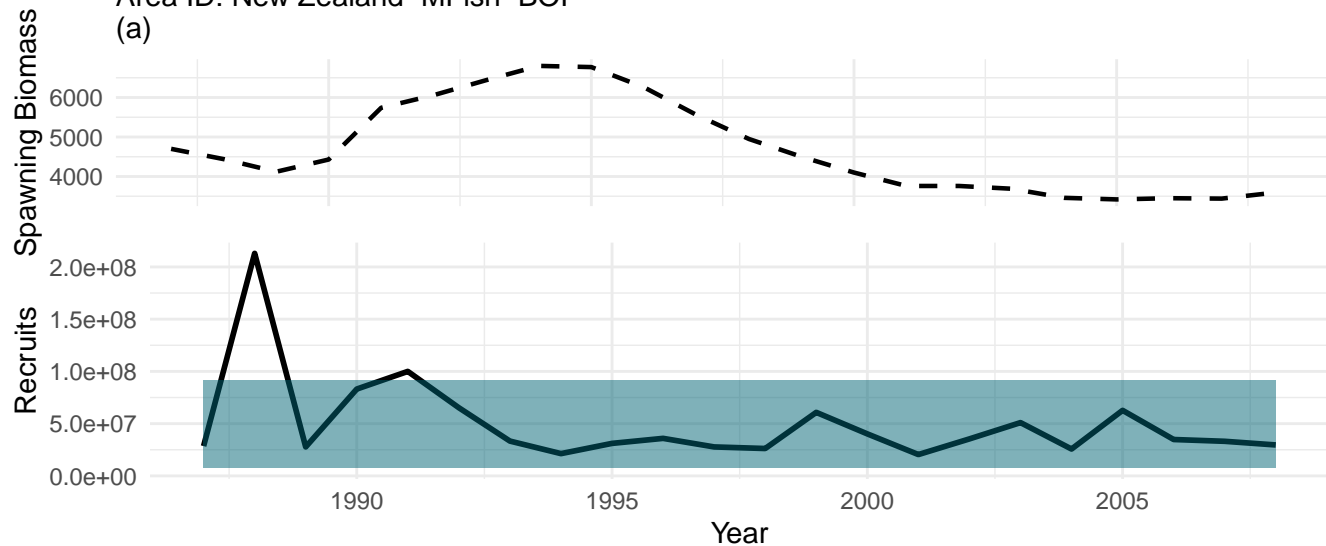


Scampi

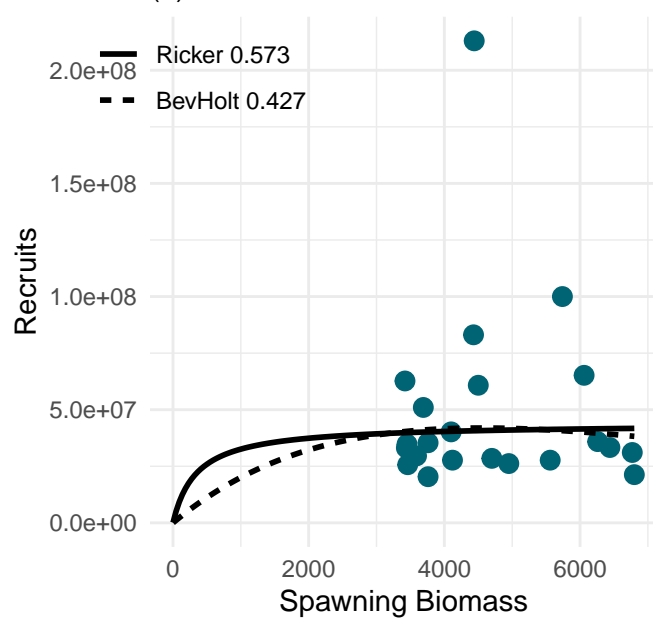
Metanephrops challengeri

Area ID: New Zealand-MFish-BOP

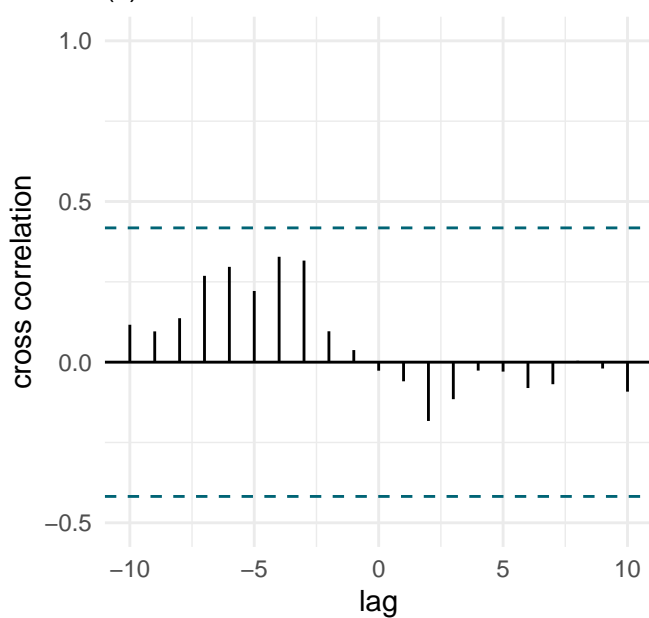
(a)



(b)



(c)

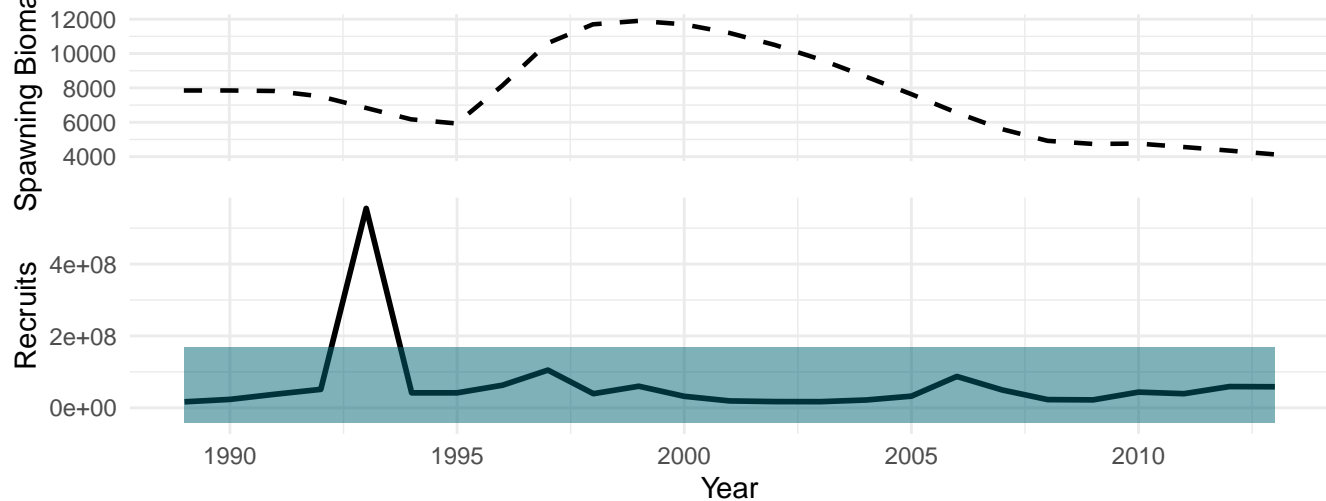


Scampi

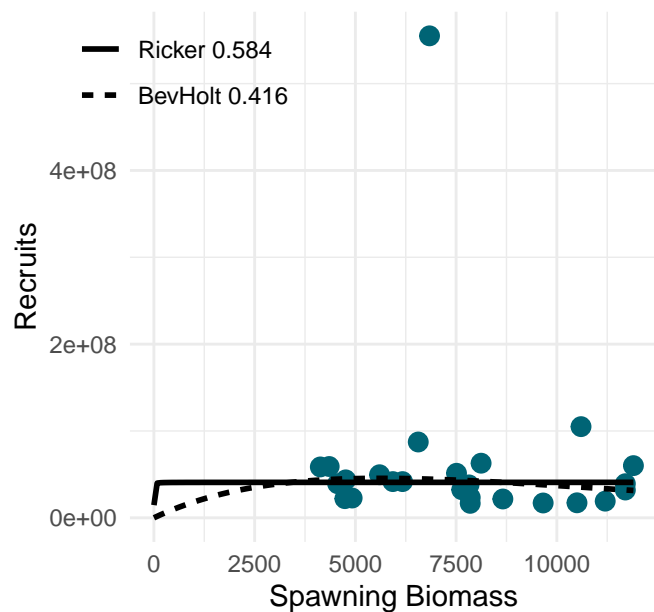
Metanephrops challengeri

Area ID: New Zealand-MFish-MB

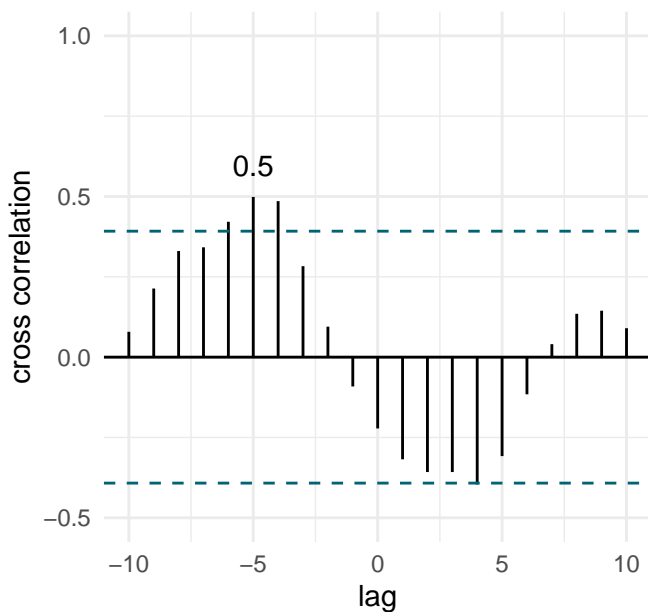
(a)



(b)



(c)

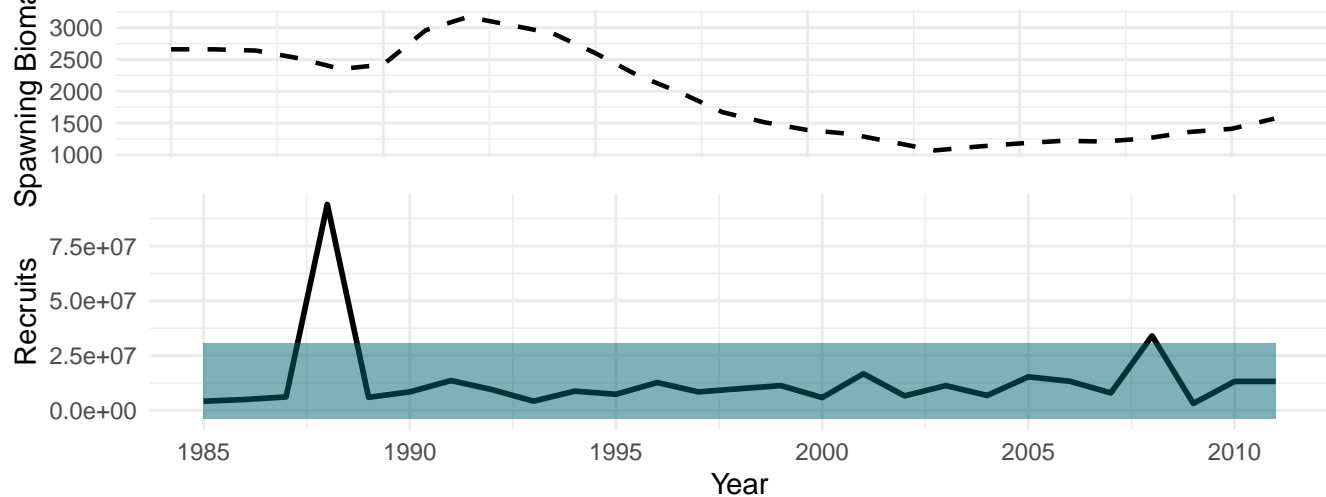


Scampi

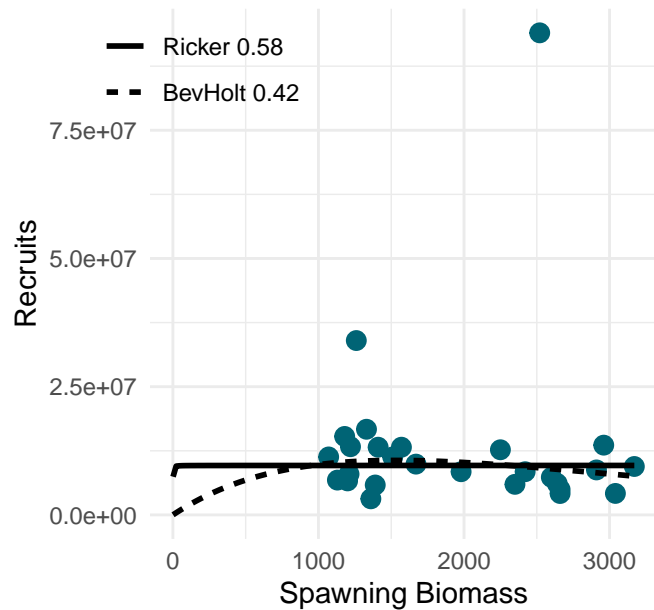
Metanephrops challengeri

Area ID: New Zealand-MFish-WHB

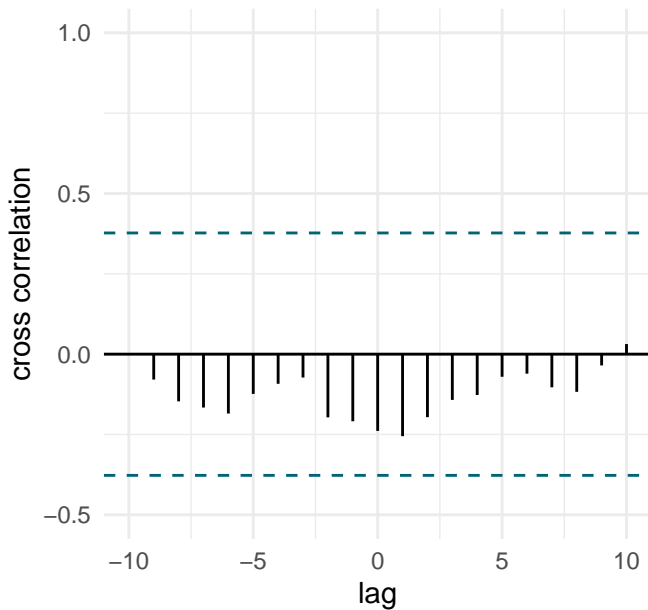
(a)



(b)



(c)

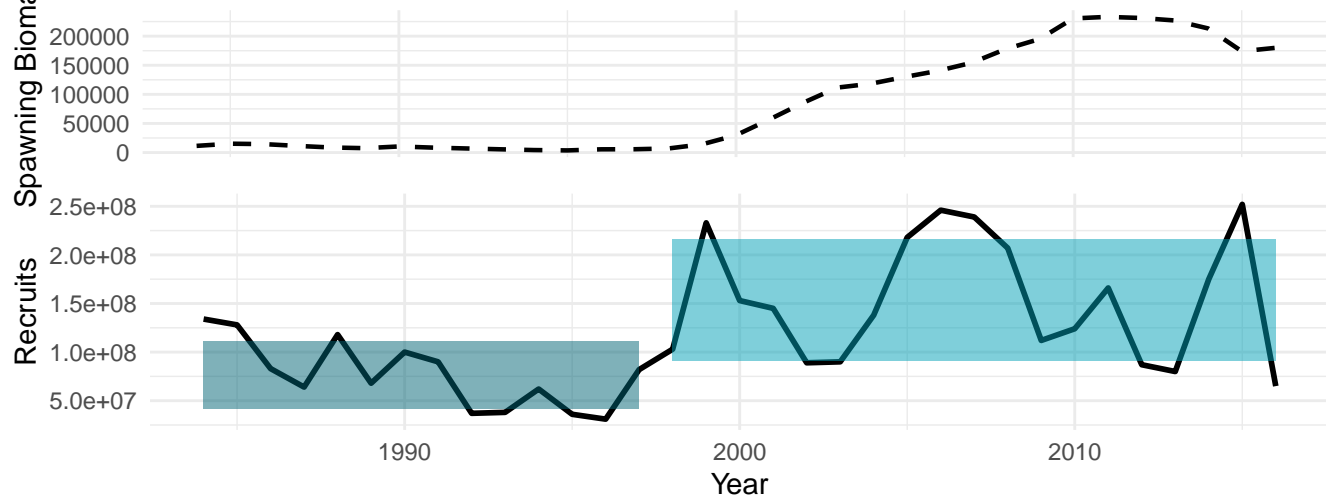


Scup

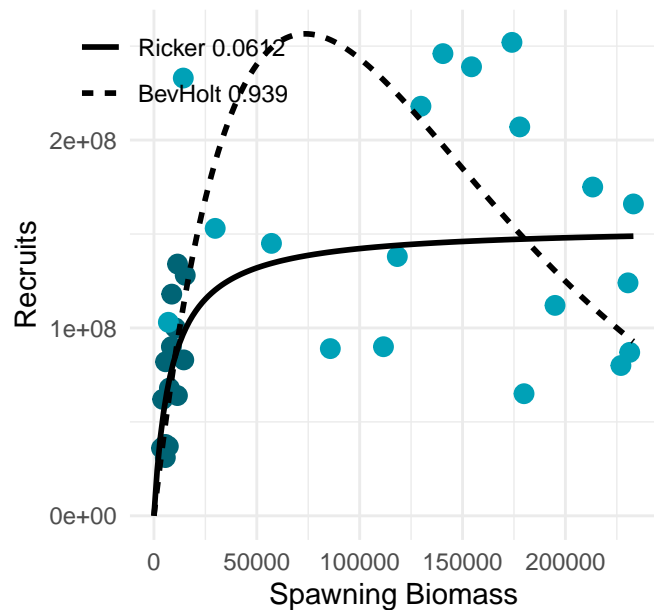
Stenotomus chrysops

Area ID: USA-NMFS-NWATLC

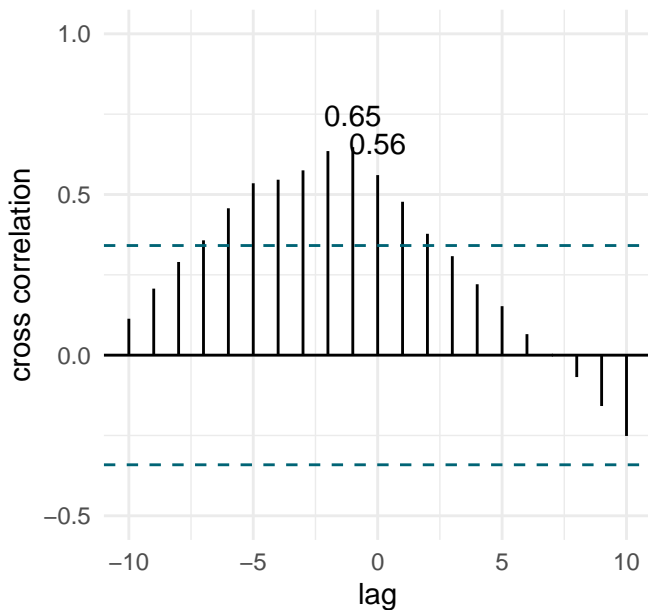
(a)



(b)



(c)

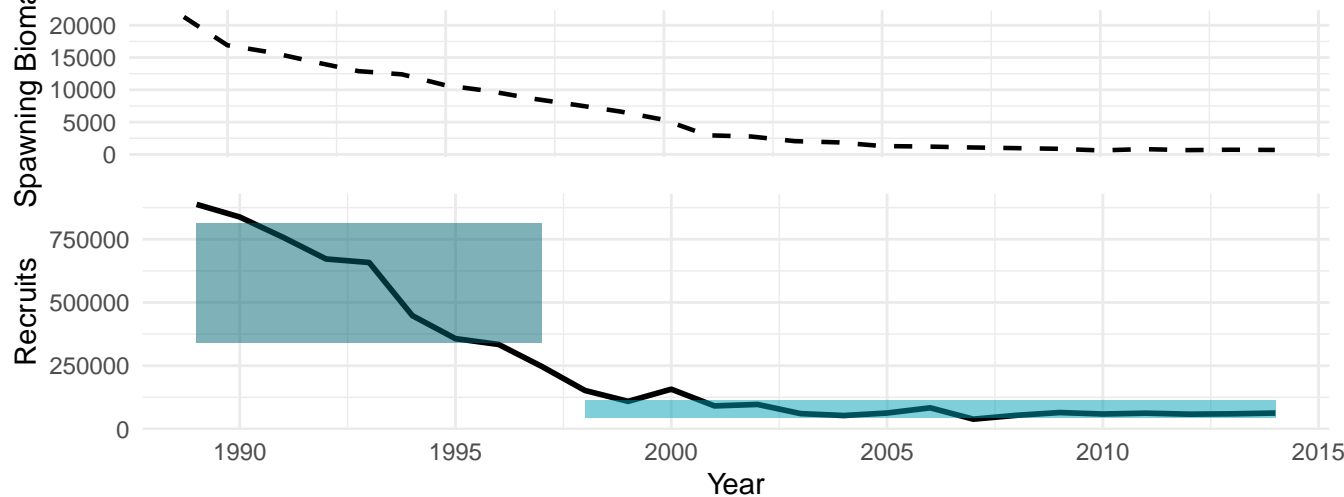


Spiny dogfish

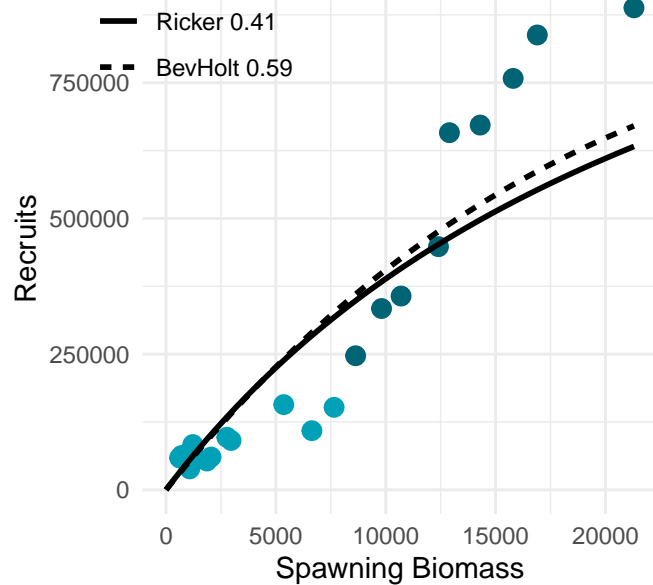
Squalus acanthias

Area ID: multinational-GFCM-GSA29

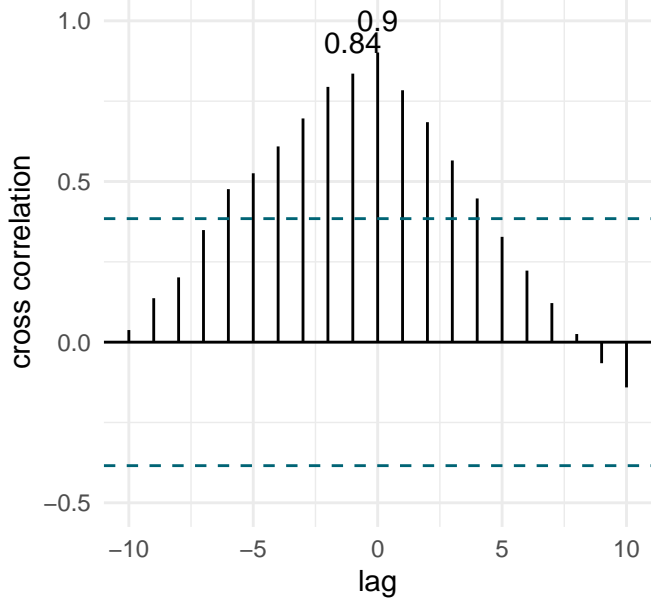
(a)



(b)



(c)

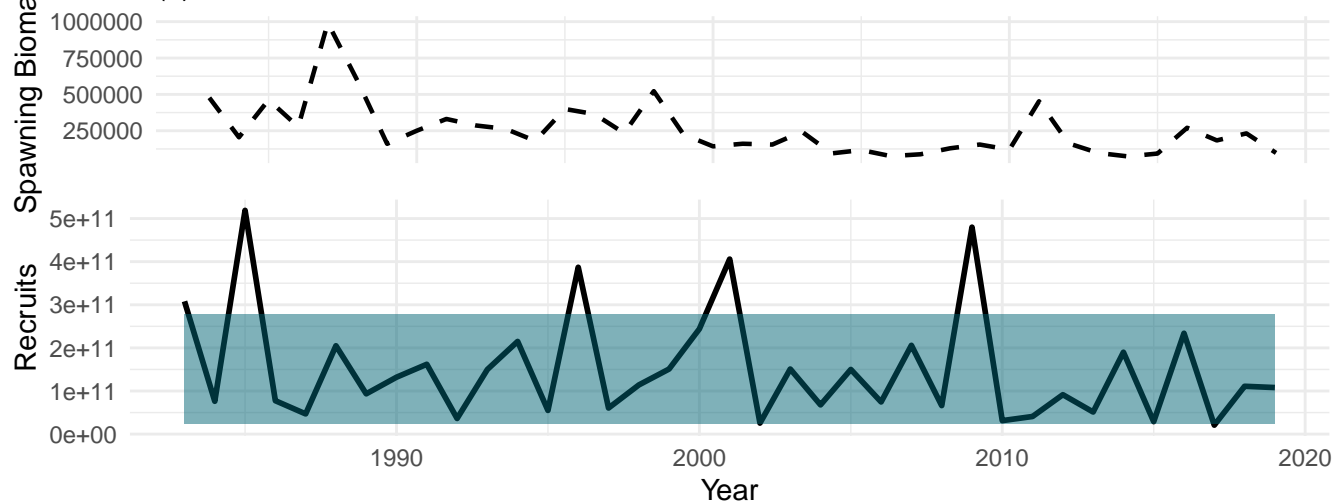


Sand eel

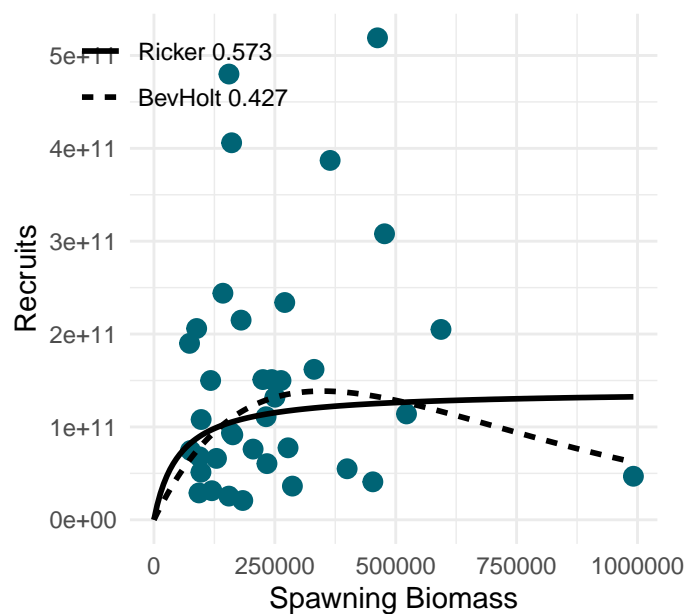
Ammodytes spp

Area ID: multinational-ICES-SA1

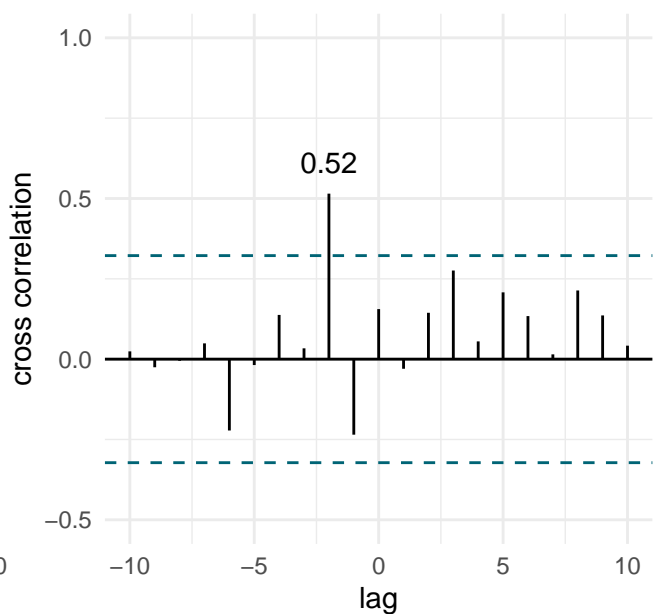
(a)



(b)



(c)

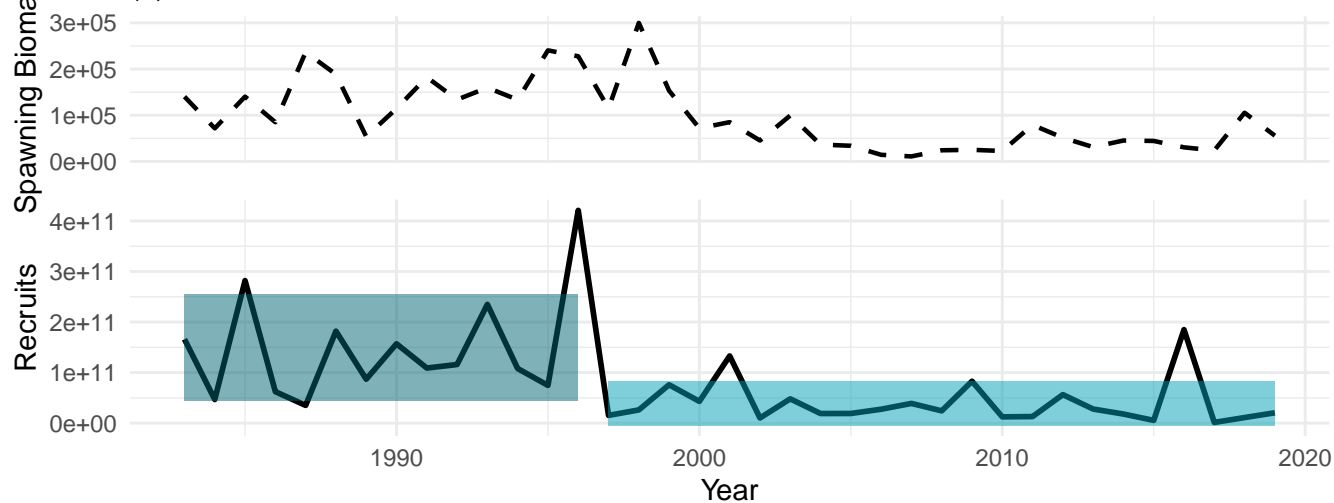


Sand eel

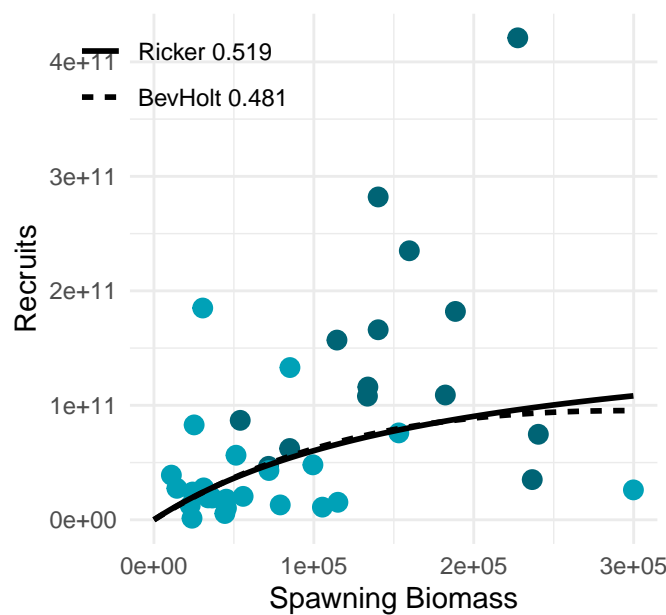
Ammodytes spp

Area ID: multinational-ICES-SA2

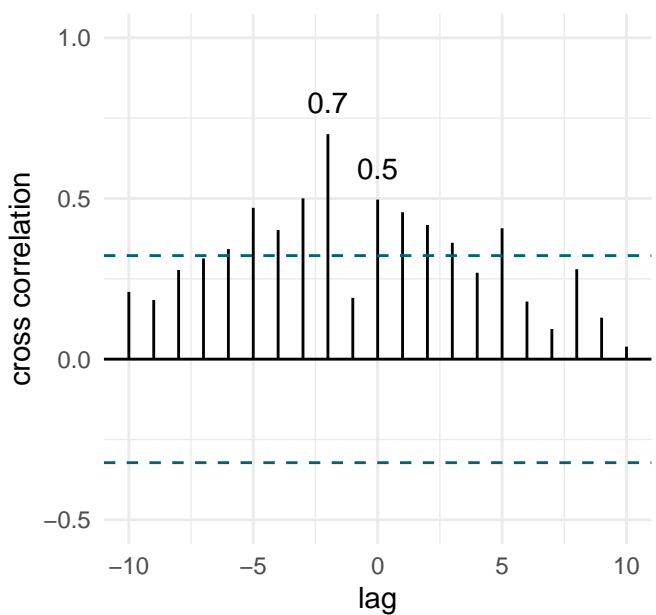
(a)



(b)



(c)

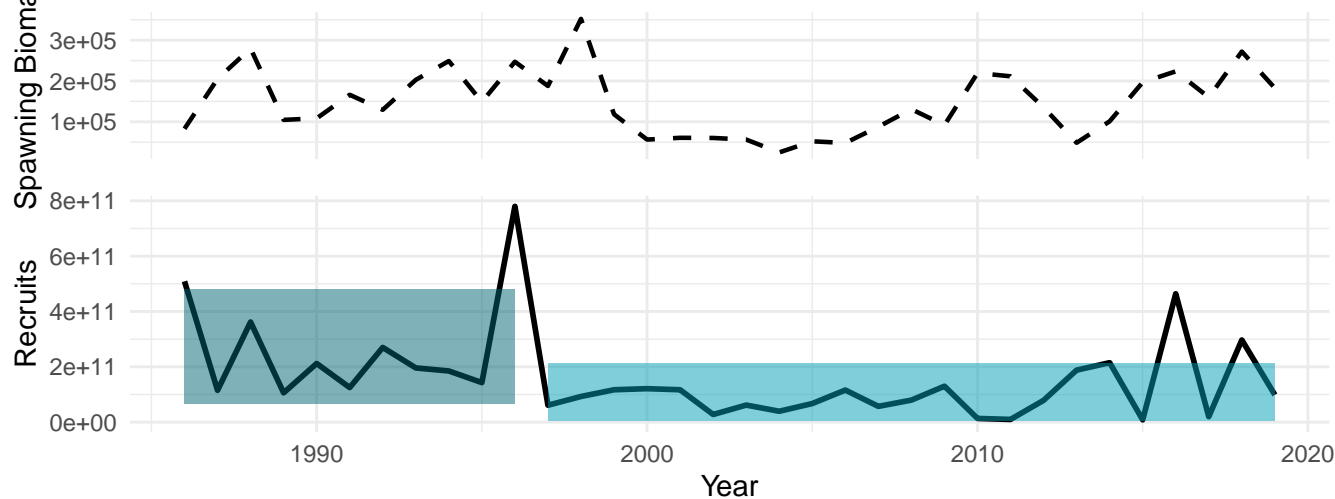


Sand eel

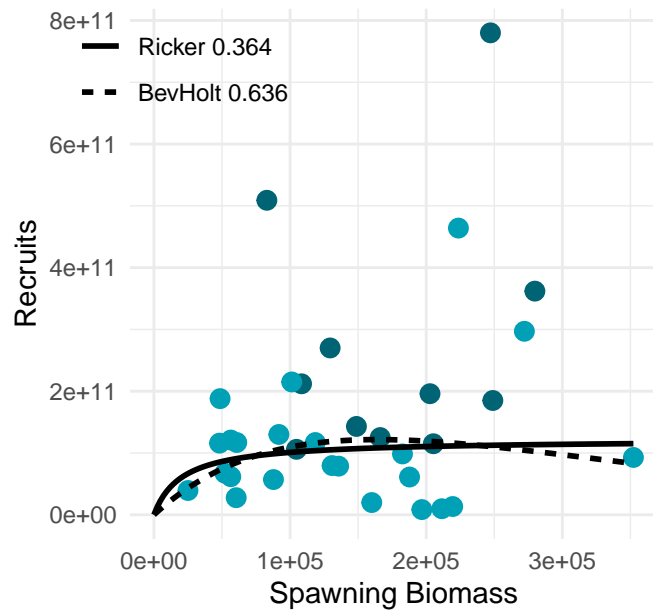
Ammodytes spp

Area ID: multinational-ICES-SA3

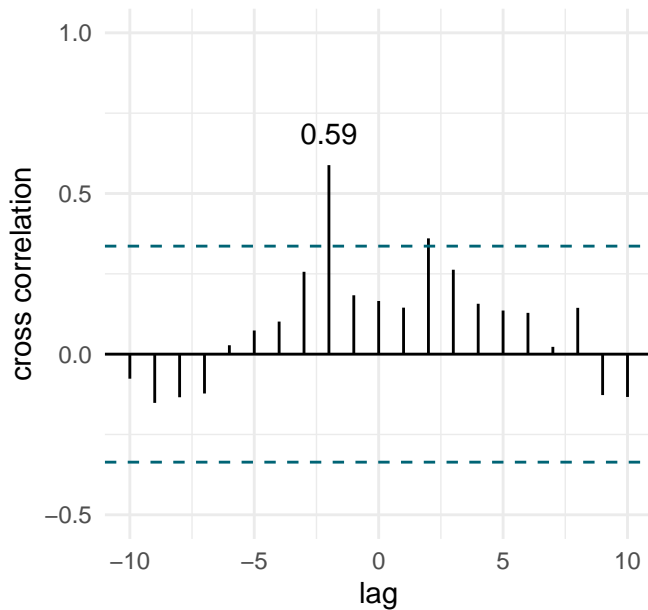
(a)



(b)



(c)

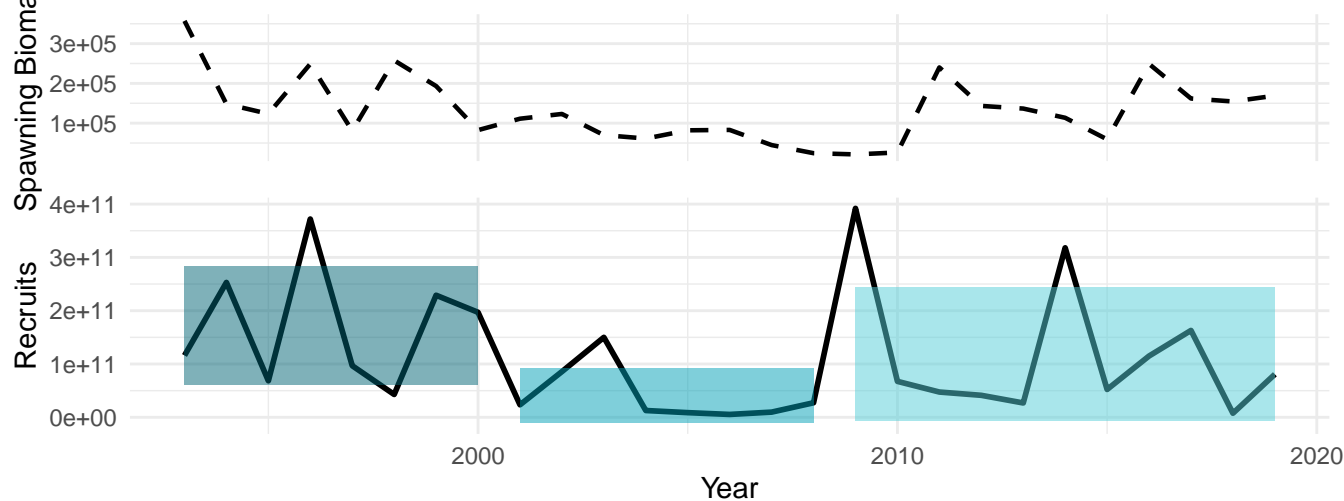


Sand eel

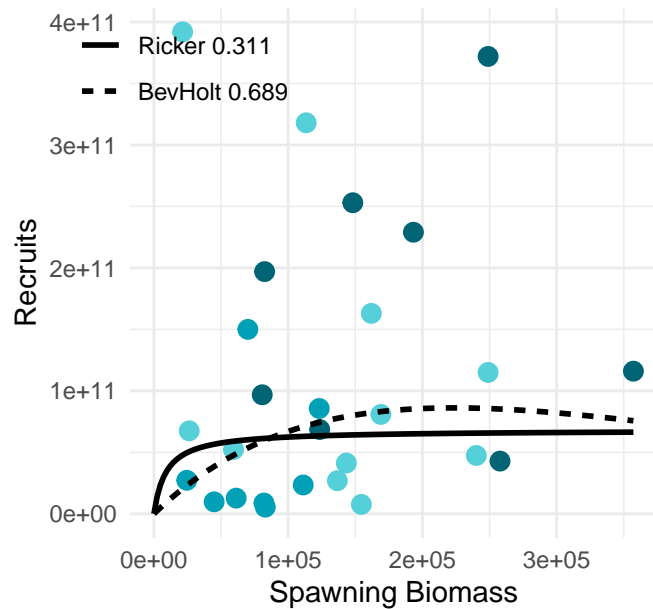
Ammodytes spp

Area ID: multinational-ICES-SA4

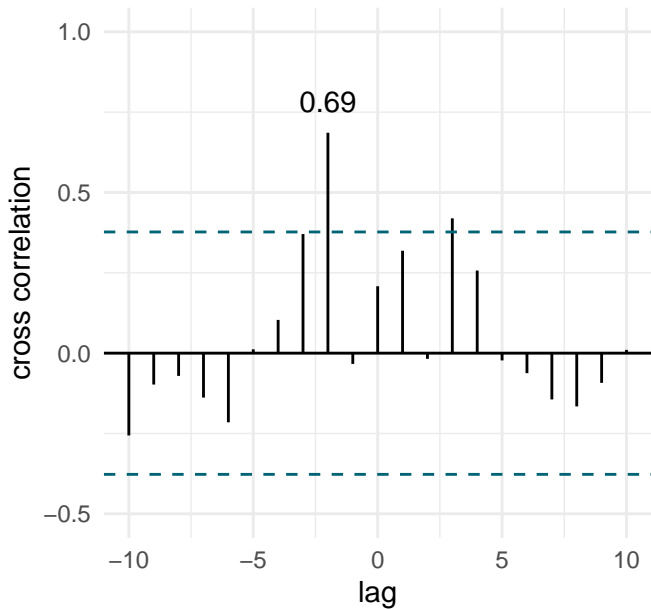
(a)



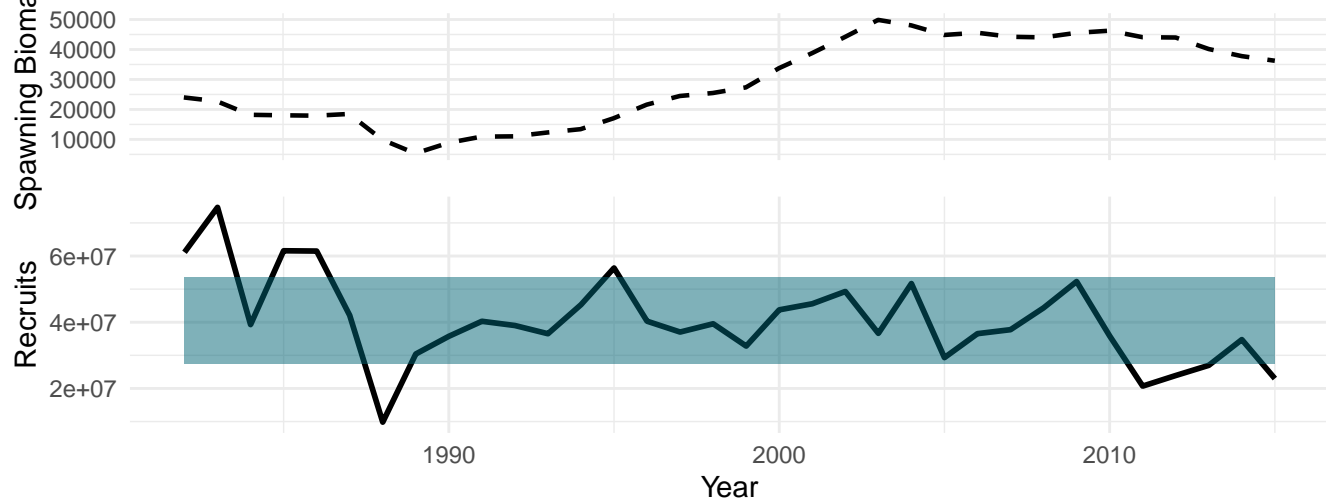
(b)



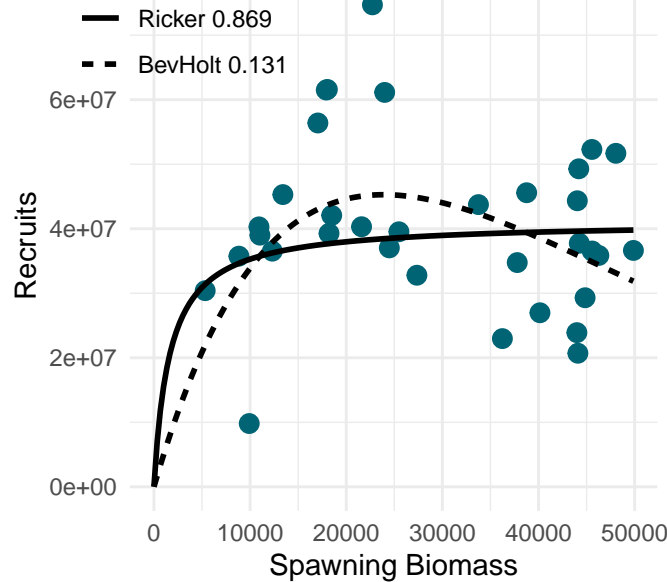
(c)



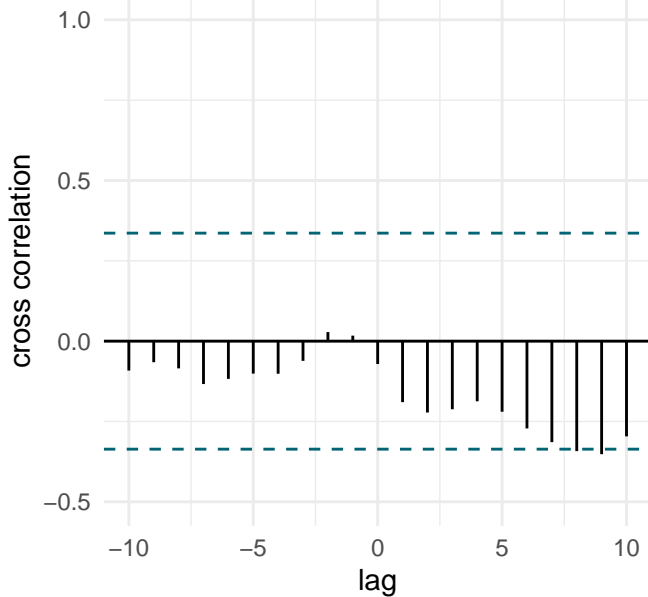
Summer flounder
Paralichthys dentatus
Area ID: USA-NMFS-MATLC
(a)



(b)



(c)

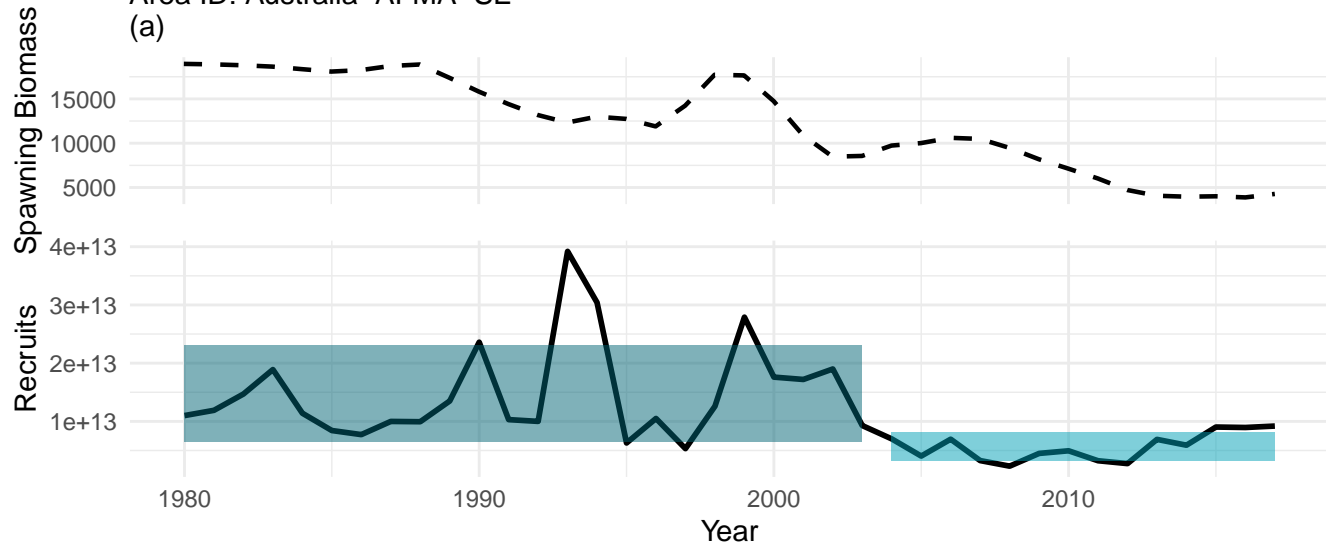


Silverfish

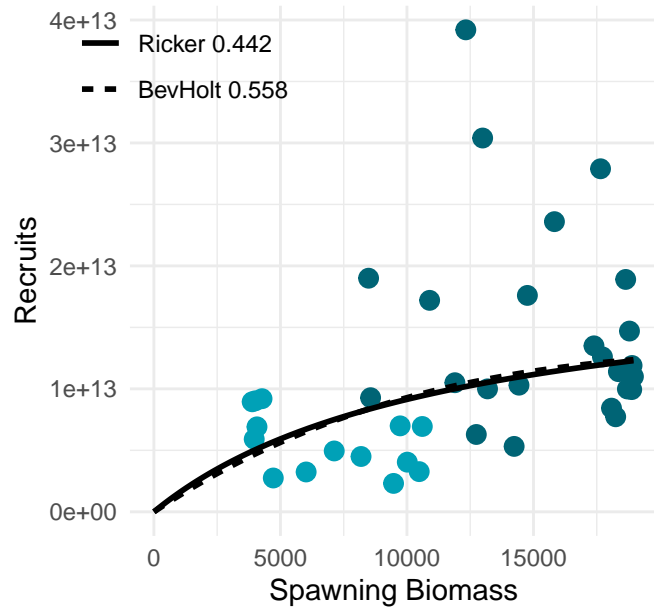
Seriolella punctata

Area ID: Australia-AFMA-SE

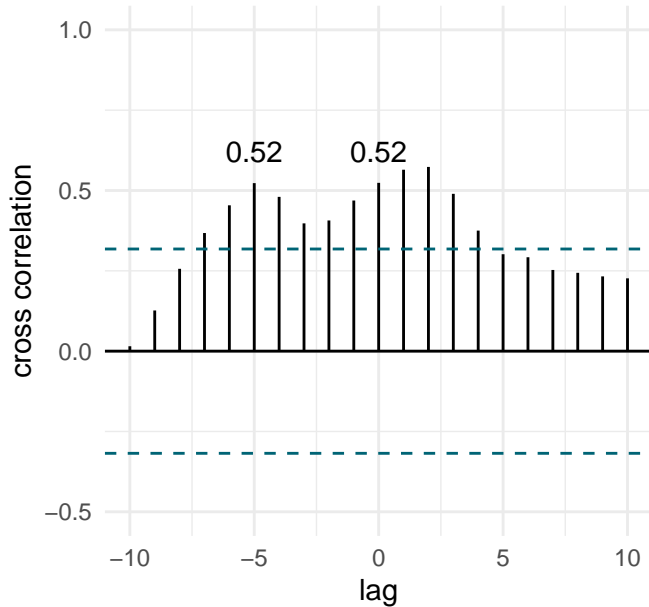
(a)



(b)



(c)

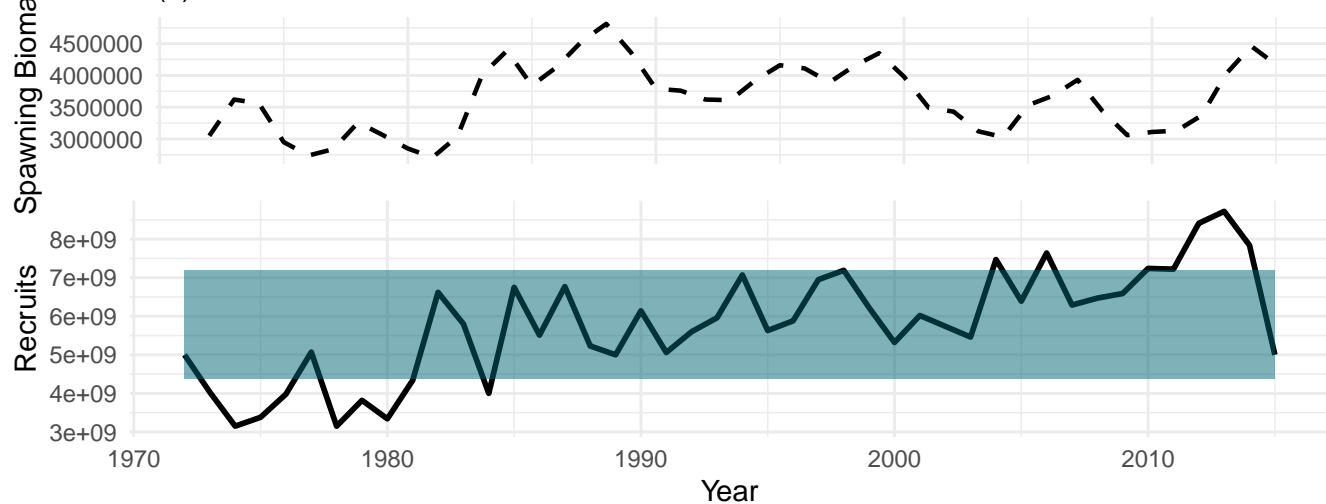


Skipjack tuna

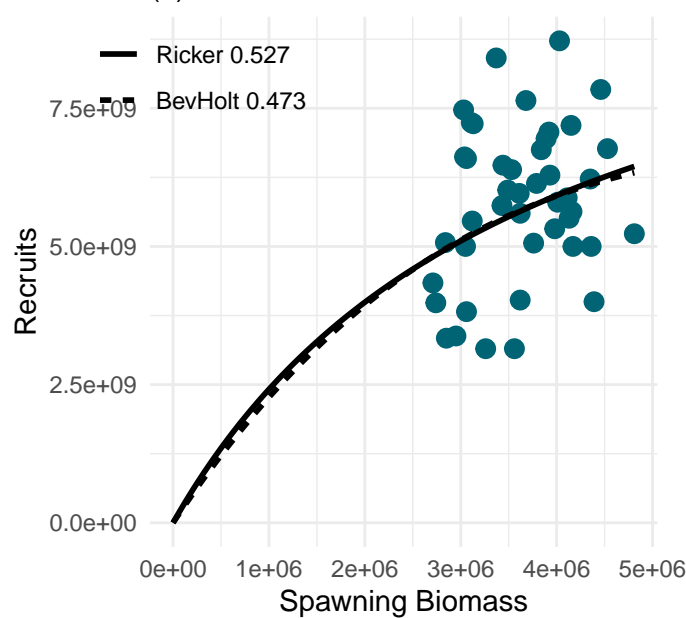
Katsuwonus pelamis

Area ID: multinational-WCPFC-CWPAC

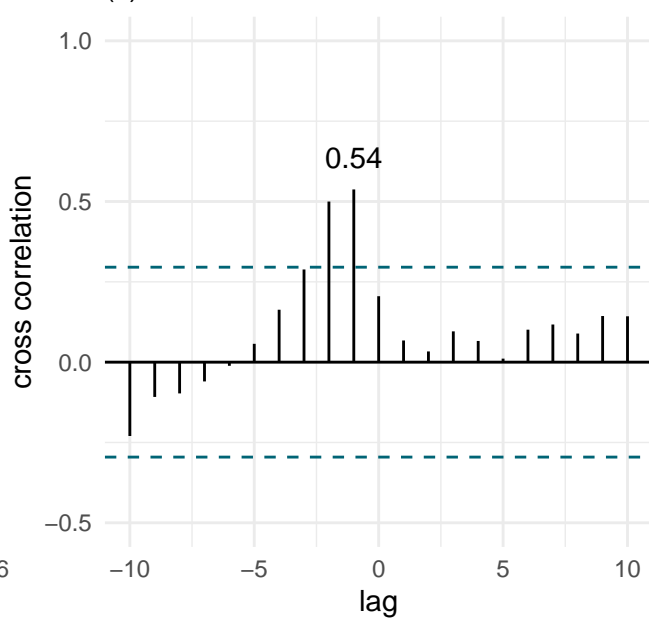
(a)



(b)



(c)

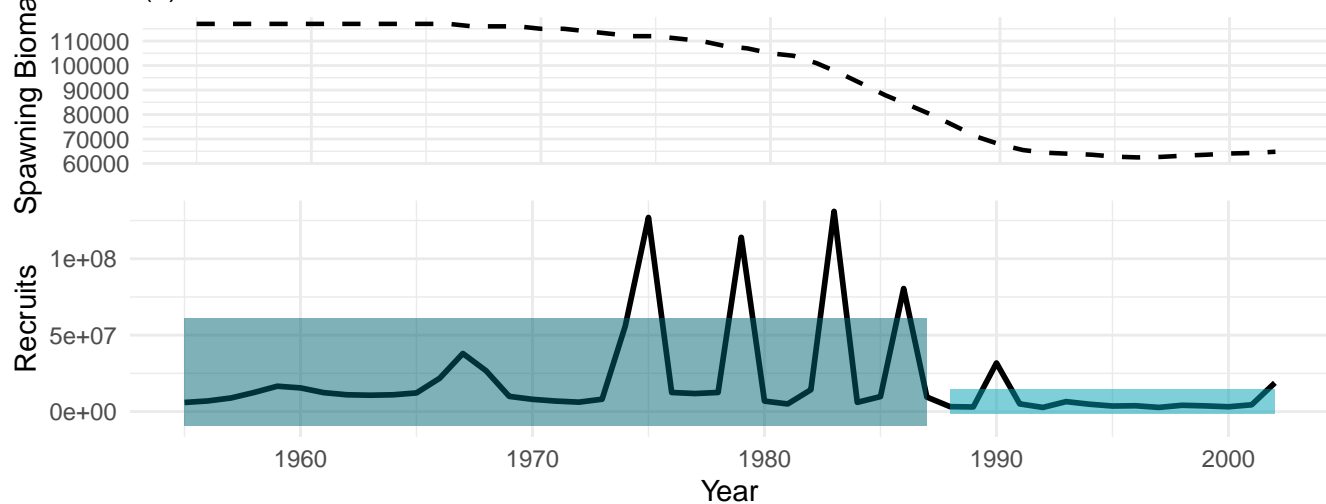


Smooth oreo

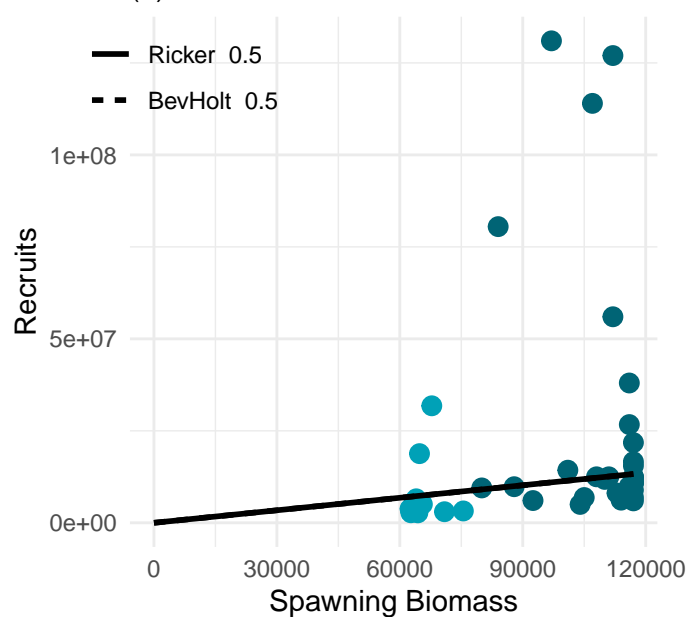
Pseudocyttus maculatus

Area ID: New Zealand-MFish-CR

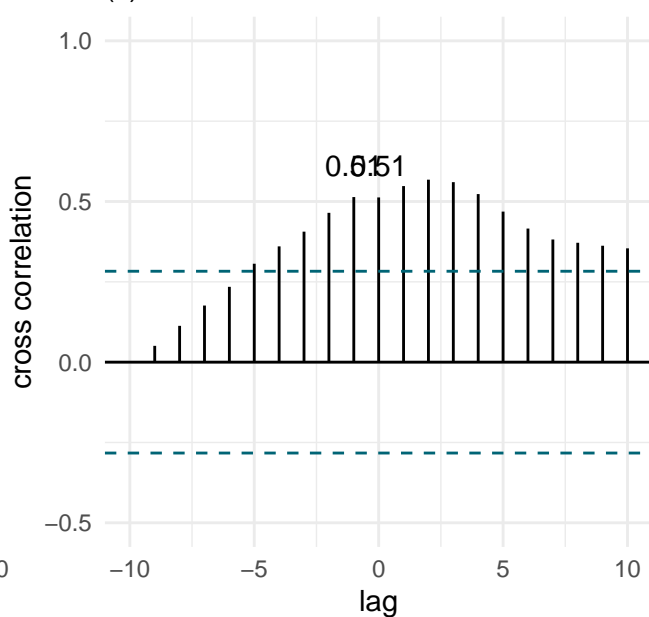
(a)



(b)



(c)

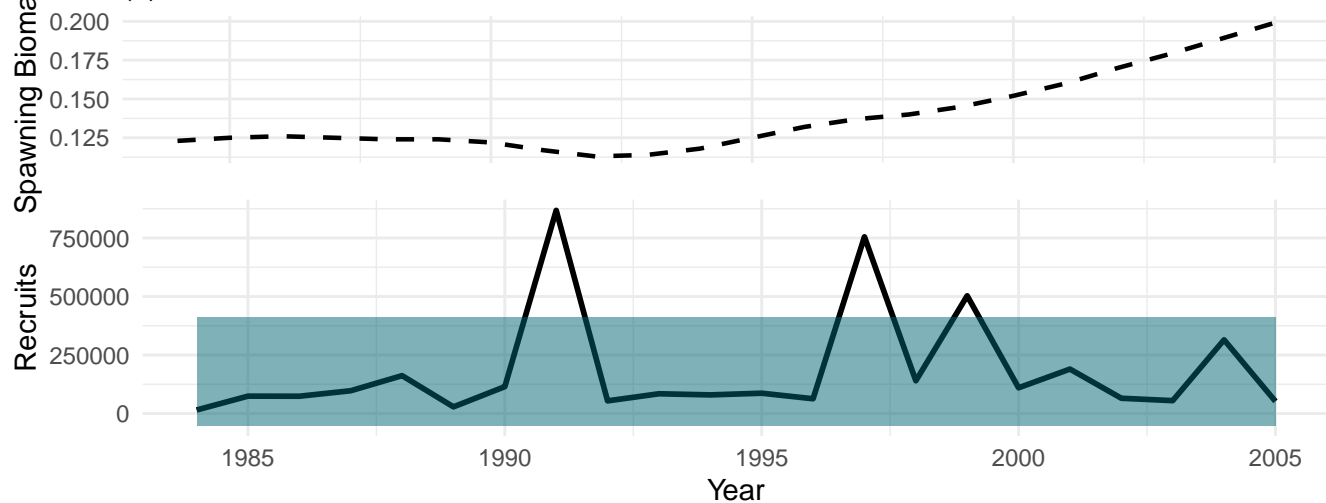


Snapper

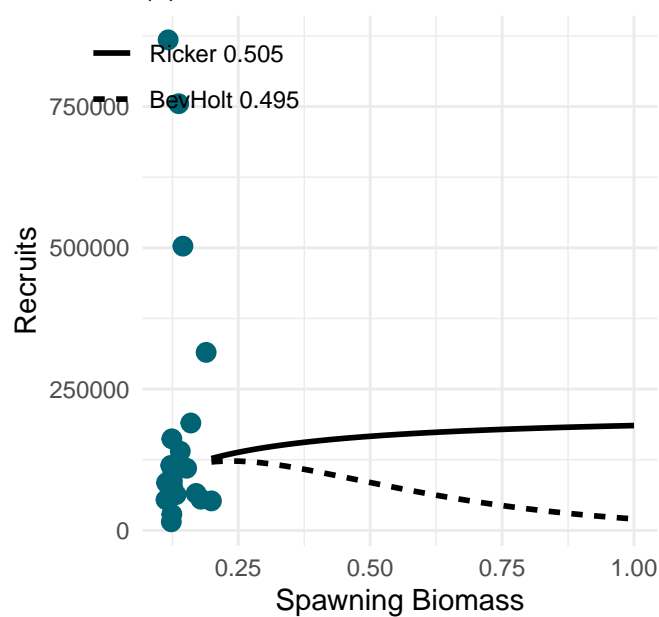
Chrysophrys auratus

Area ID: Australia-SARDI-SAUSNSG

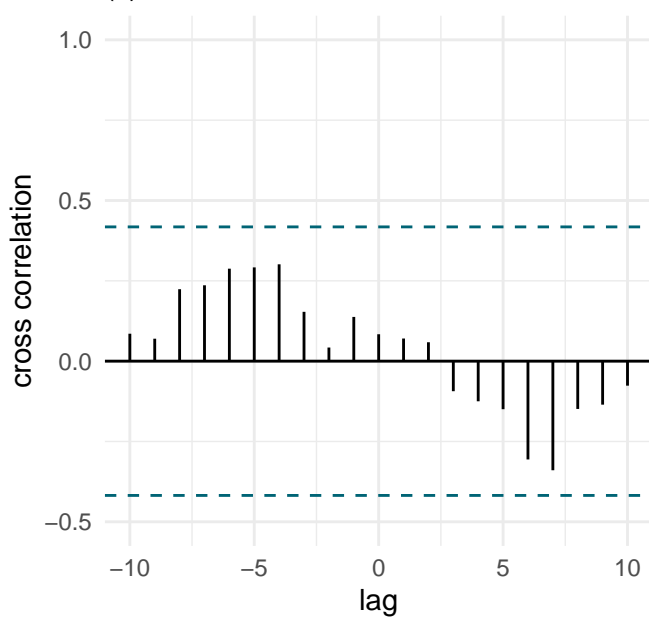
(a)



(b)



(c)

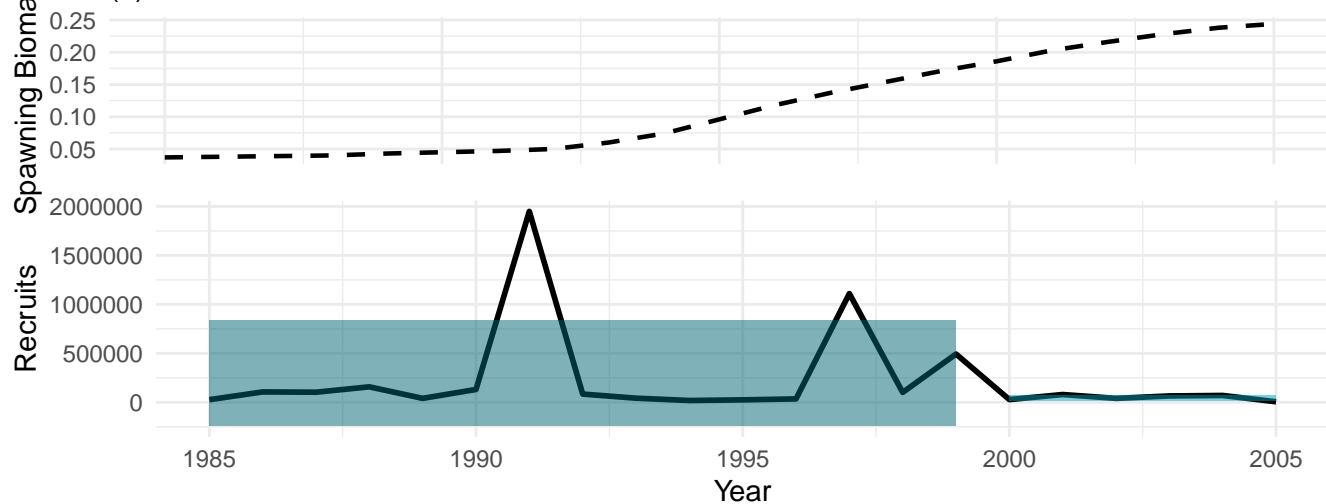


Snapper

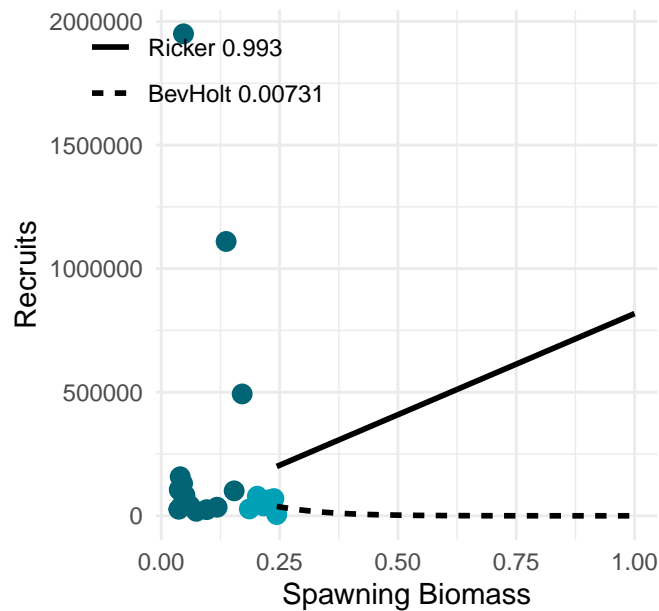
Chrysophrys auratus

Area ID: Australia-SARDI-SAUSSSG

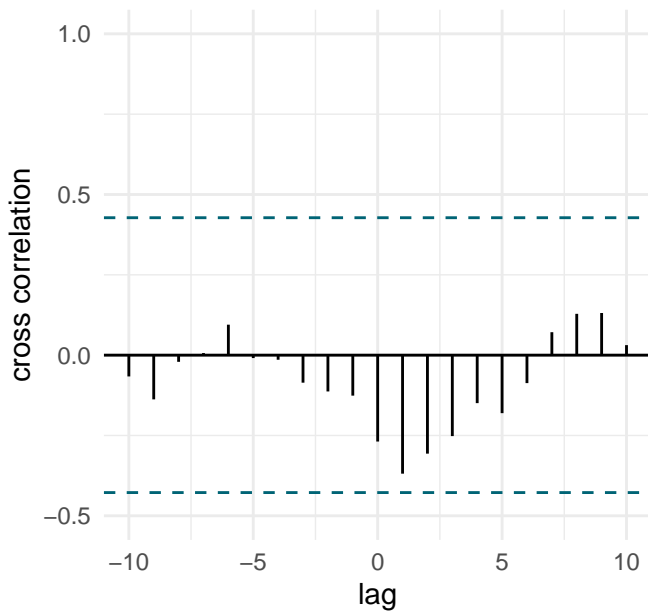
(a)



(b)



(c)

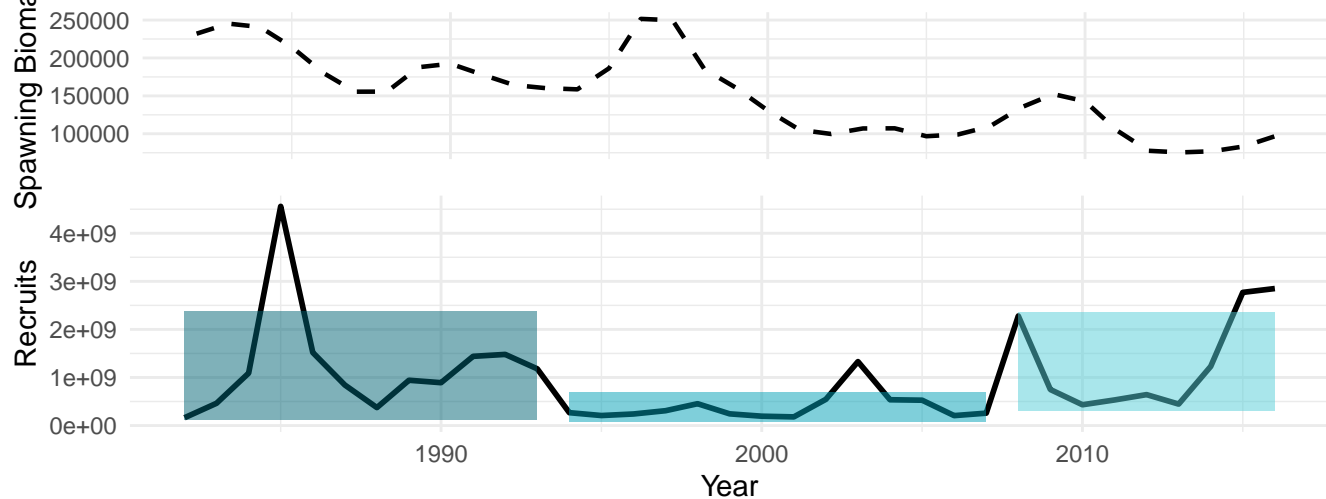


Snow crab

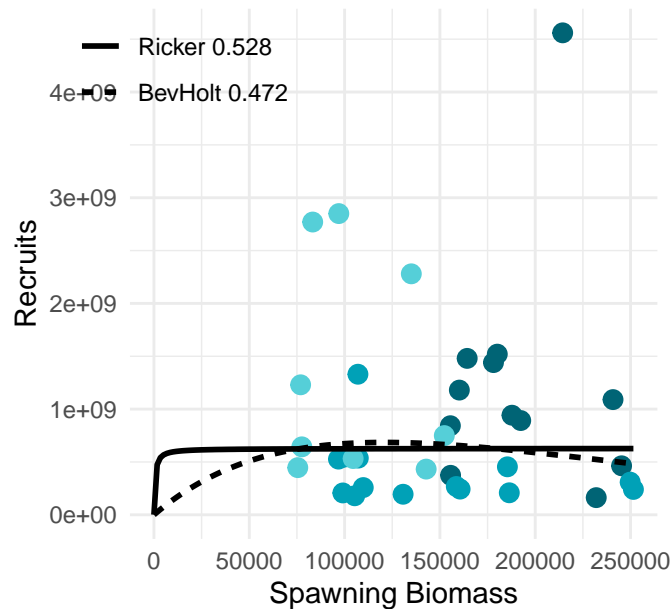
Chionoecetes opilio

Area ID: USA-NMFS-BS

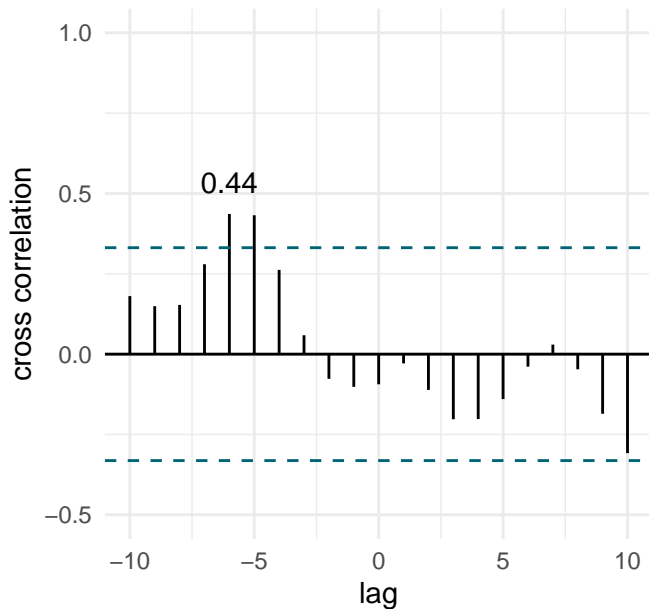
(a)



(b)



(c)

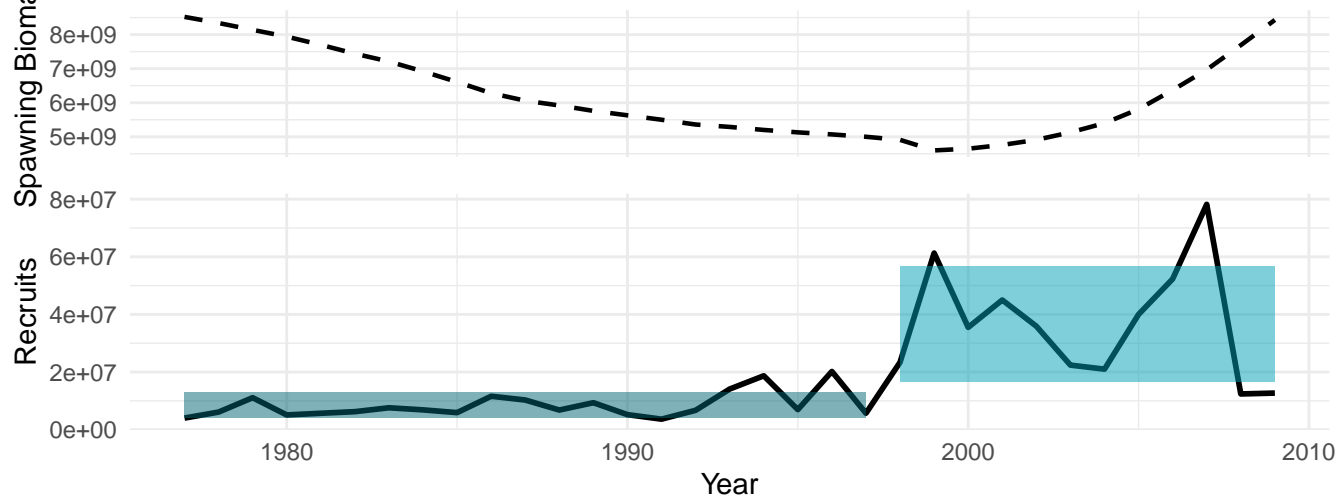


Splitnose rockfish

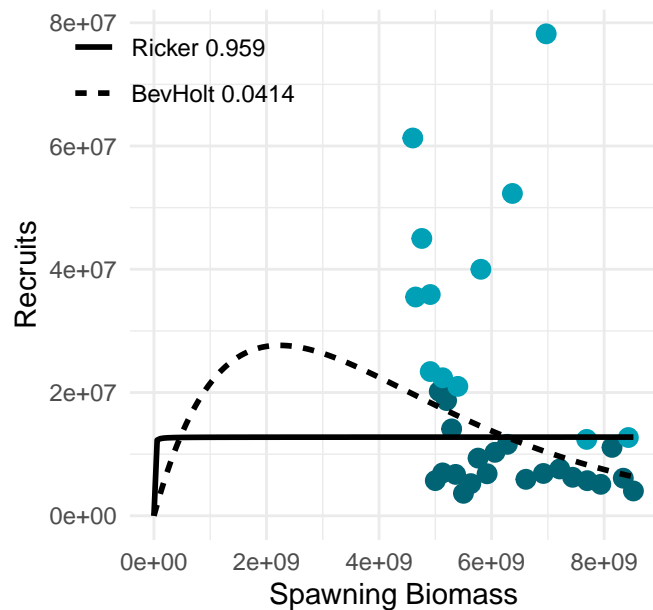
Sebastes diploproa

Area ID: USA-NMFS-PCOAST

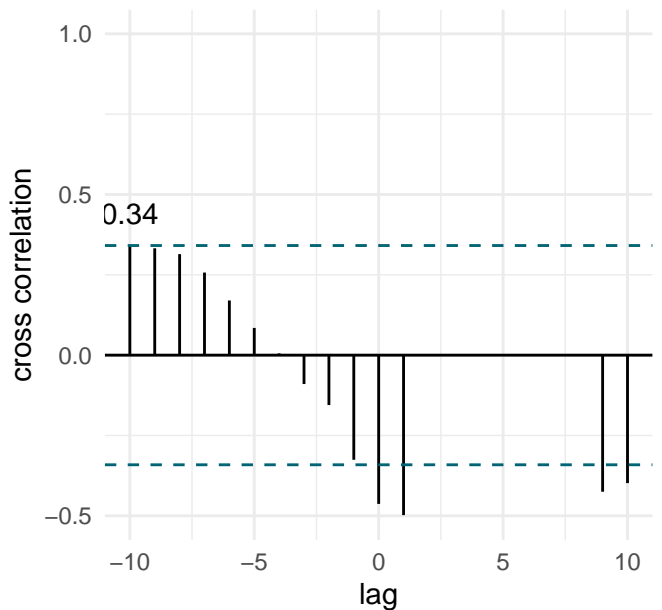
(a)



(b)



(c)

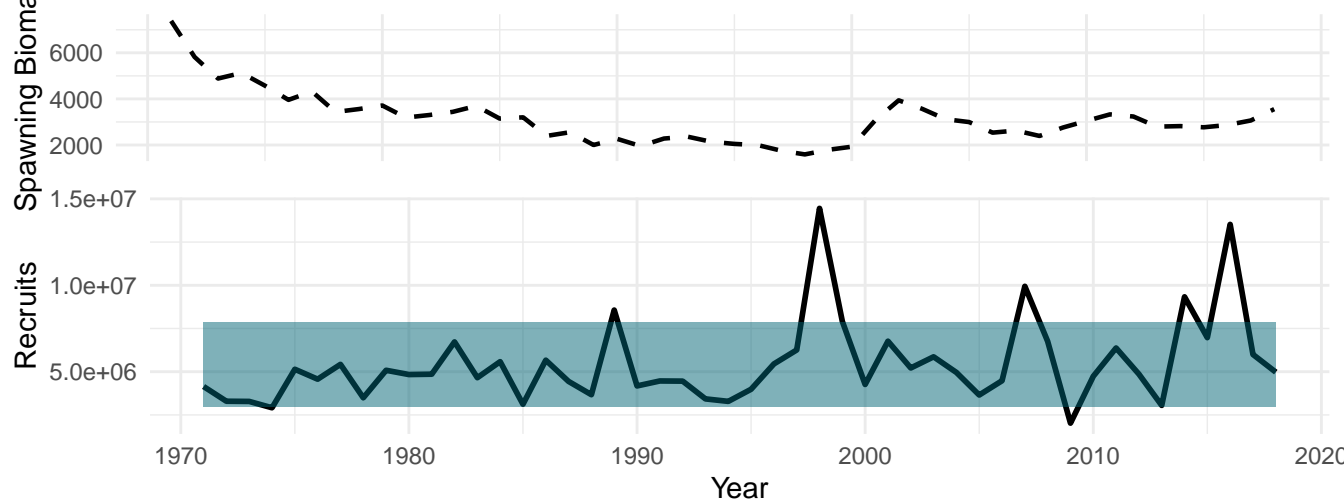


Common sole

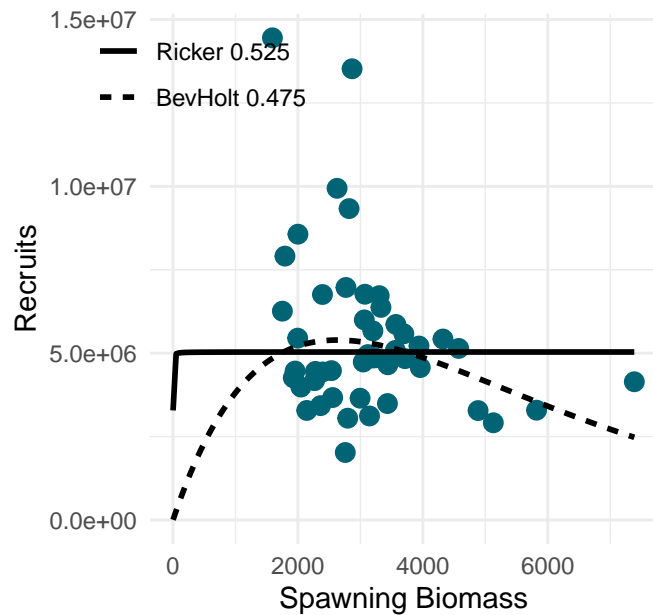
Solea solea

Area ID: multinational-ICES-VII-f-g

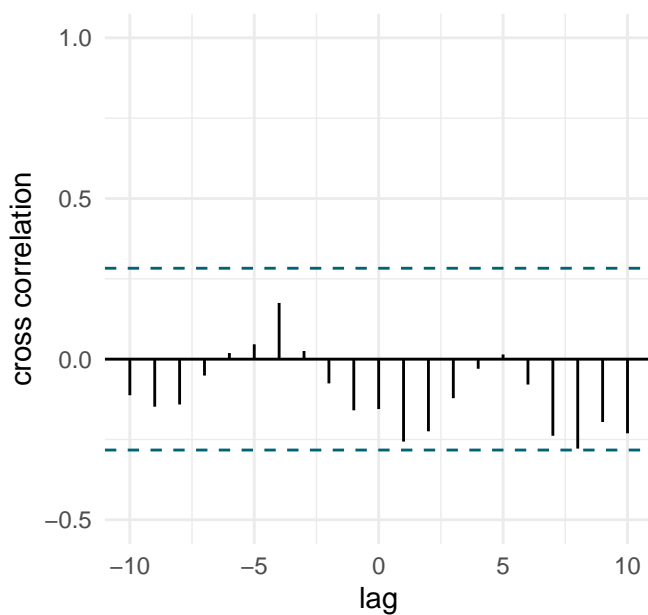
(a)



(b)



(c)

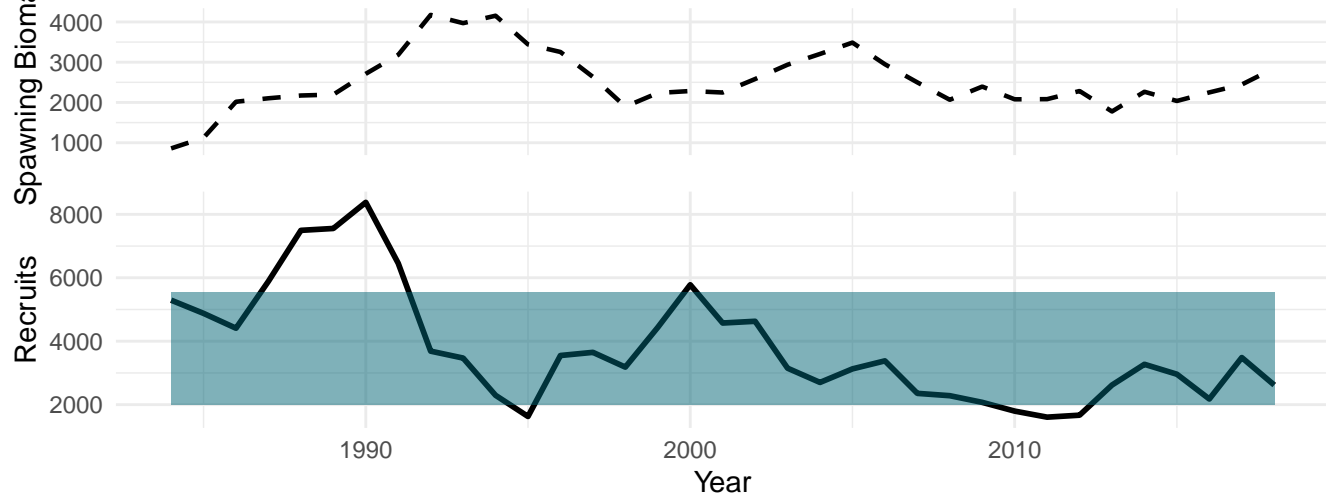


Common sole

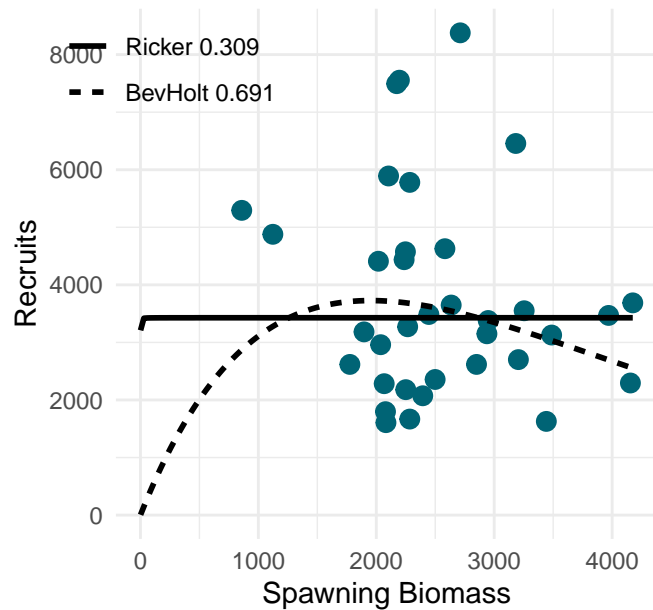
Solea solea

Area ID: multinational-ICES-22-24-IIIa

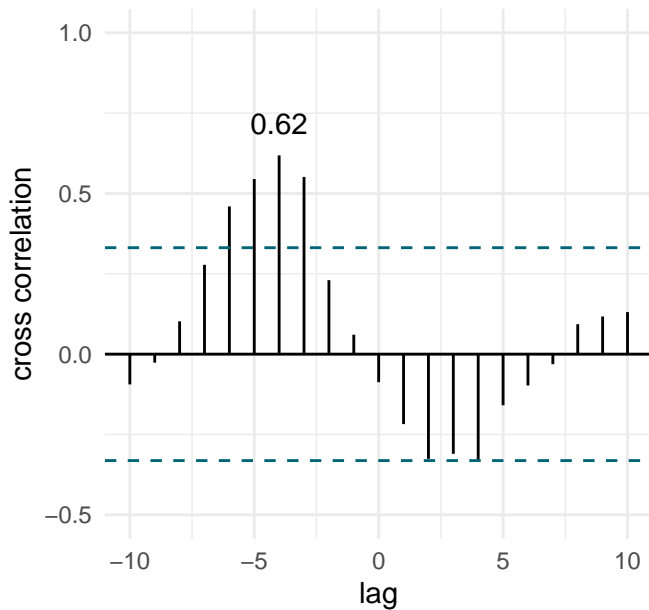
(a)



(b)



(c)

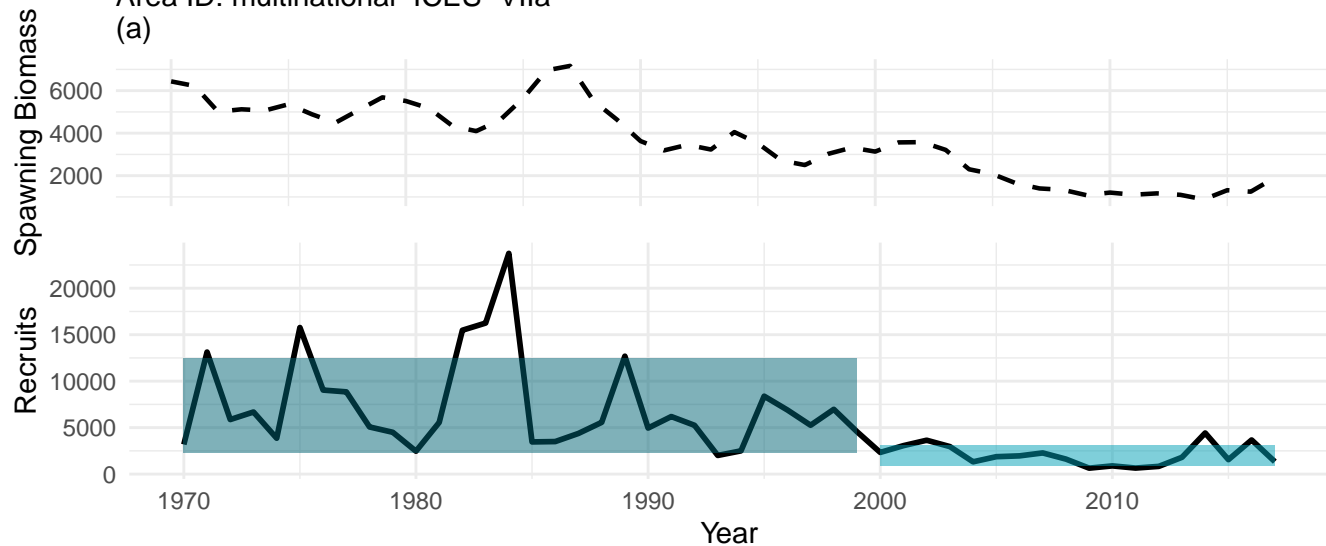


Common sole

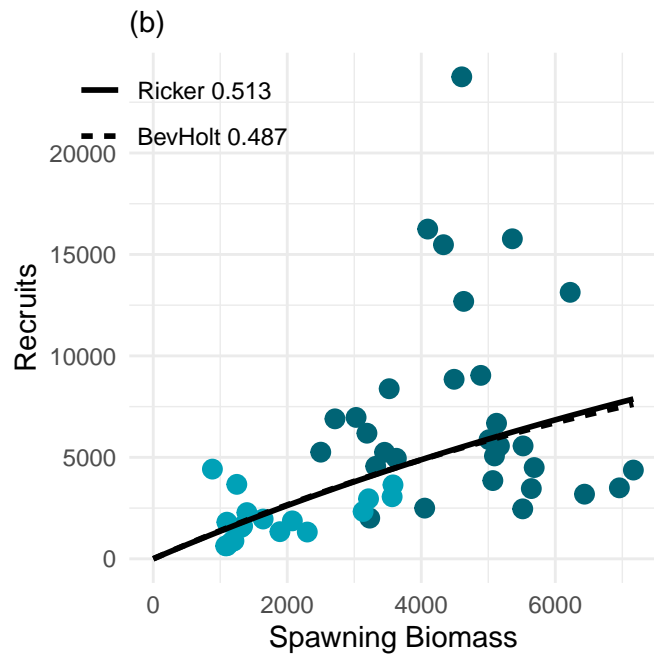
Solea solea

Area ID: multinational-ICES-VIIa

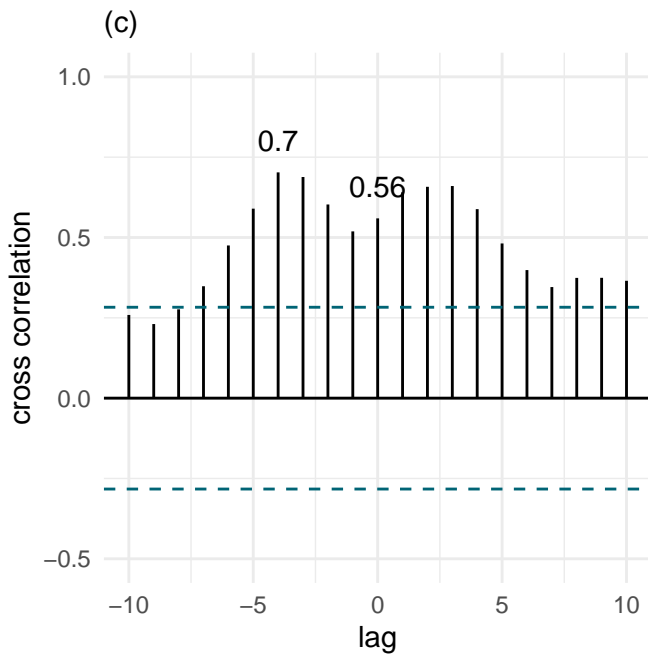
(a)



(b)



(c)

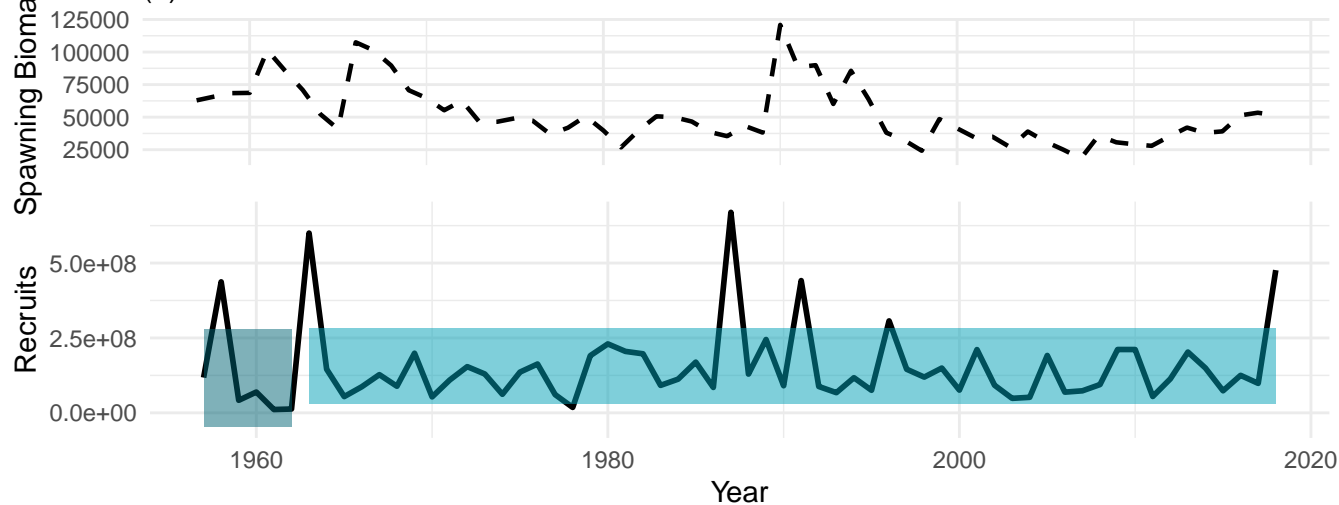


Common sole

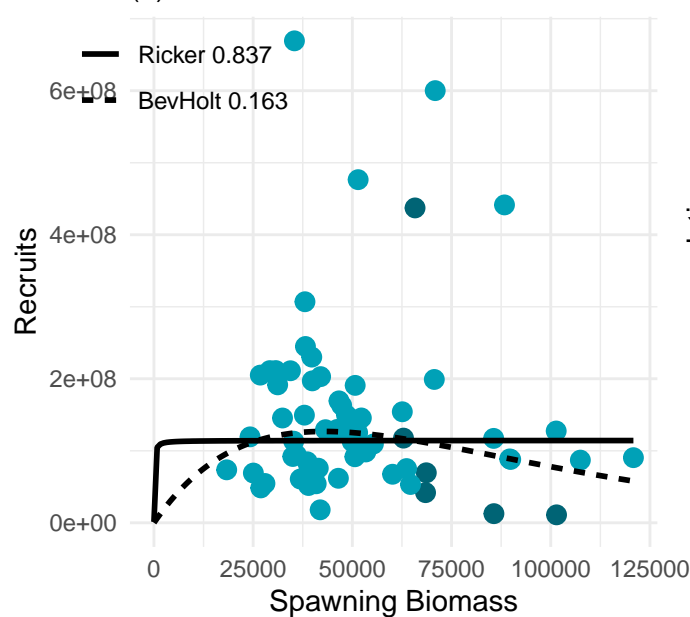
Solea solea

Area ID: multinational-ICES-IV

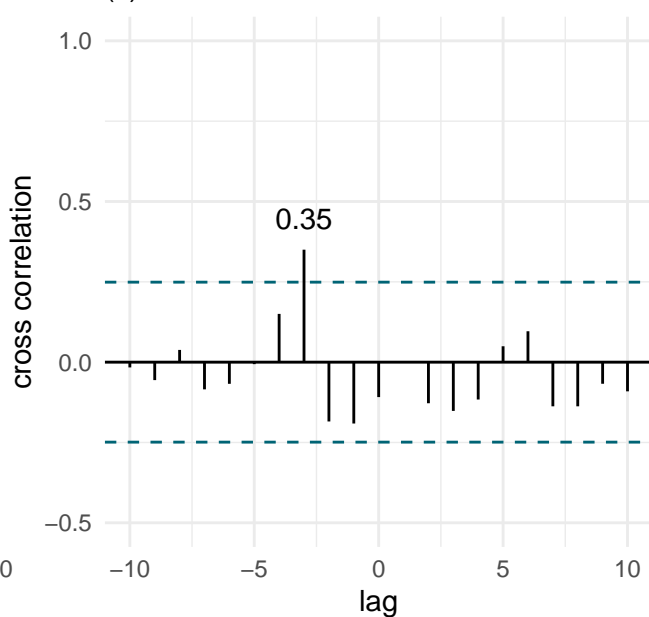
(a)



(b)



(c)

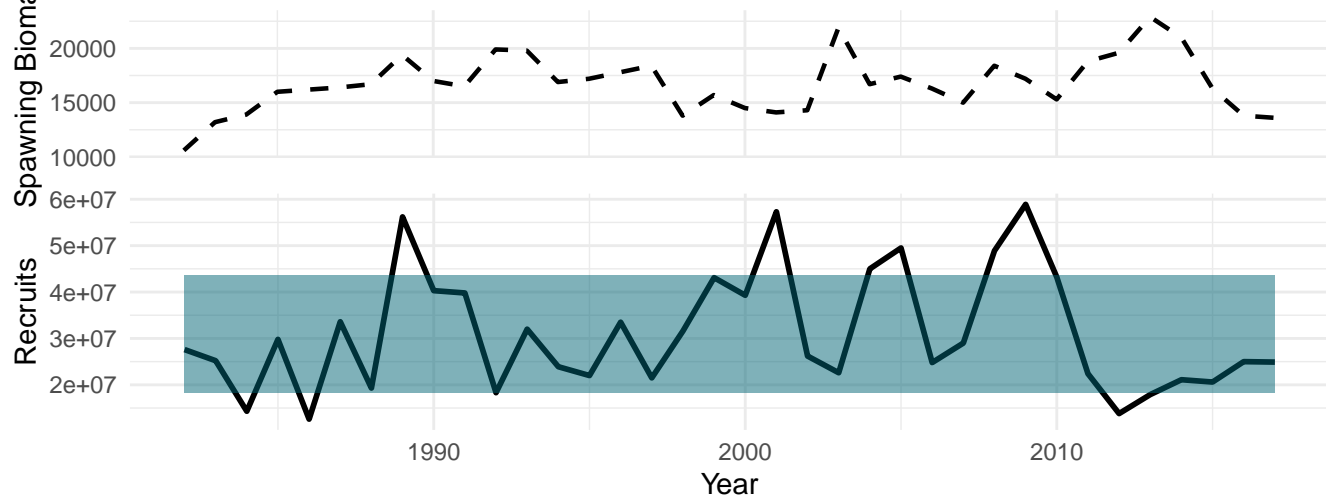


Common sole

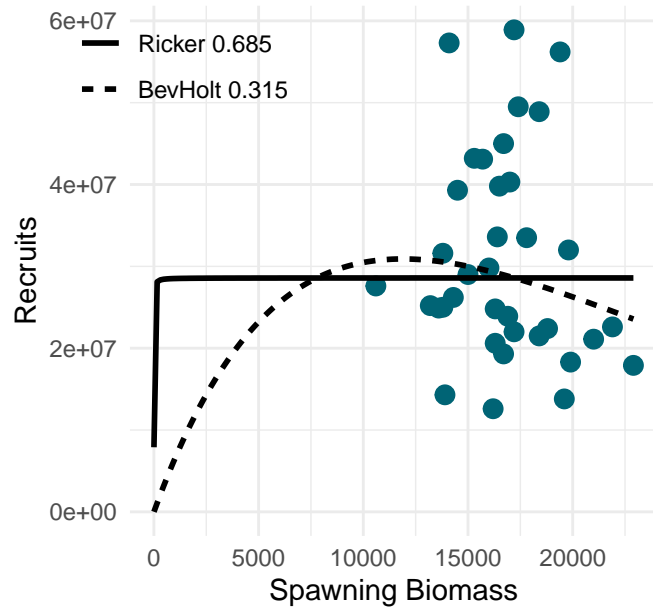
Solea solea

Area ID: multinational-ICES-VIId

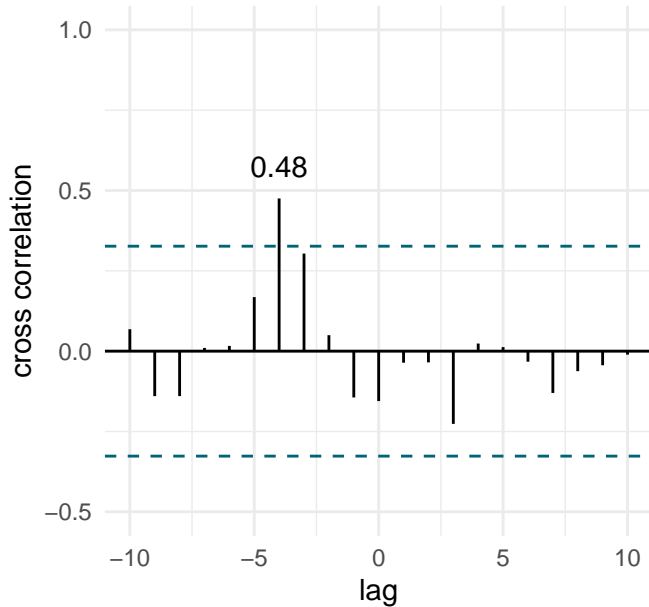
(a)



(b)



(c)

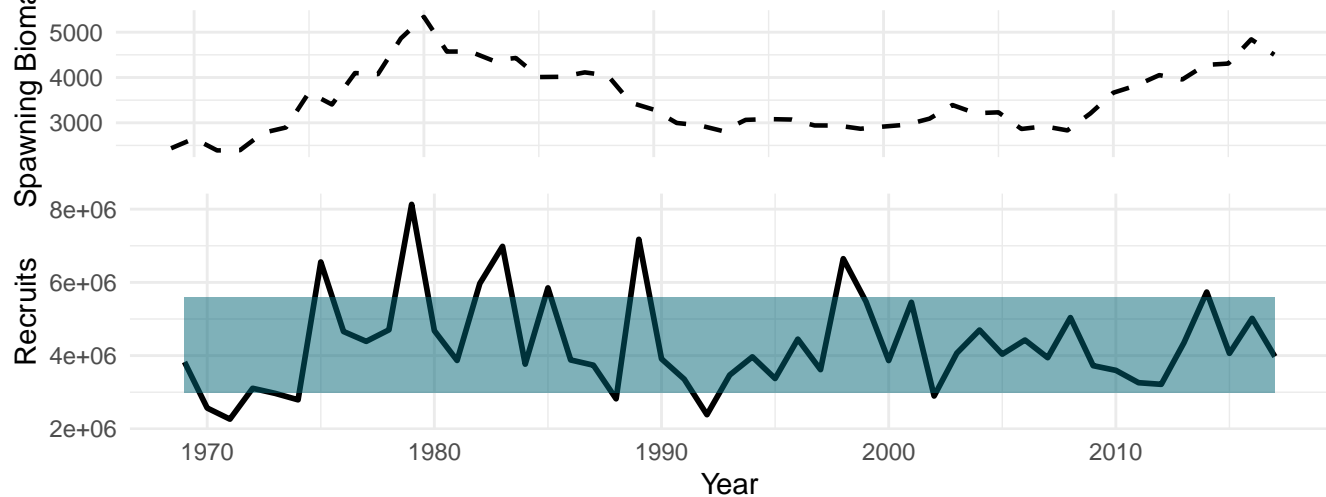


Common sole

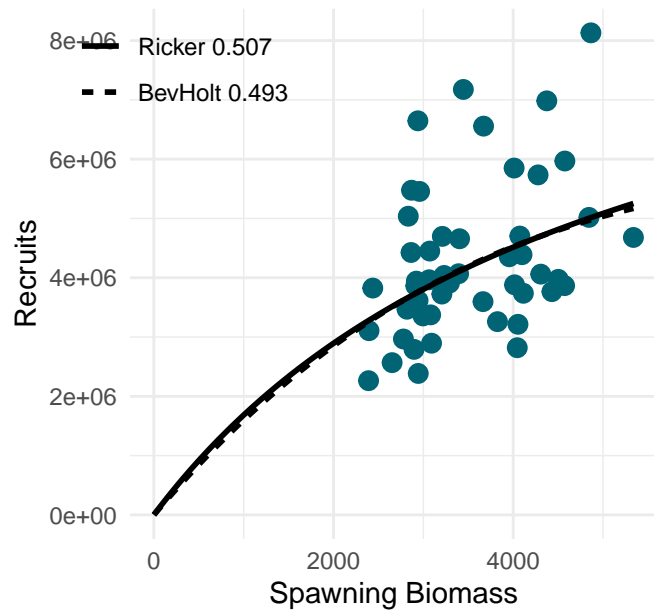
Solea solea

Area ID: multinational-ICES-VIle

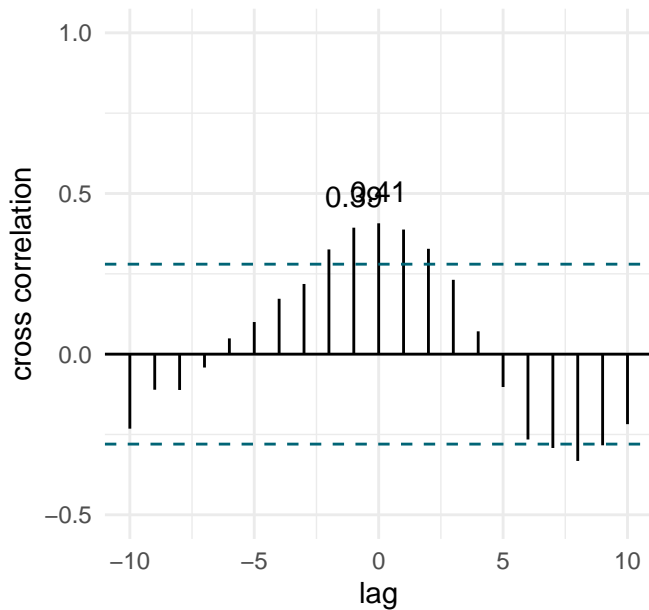
(a)



(b)



(c)

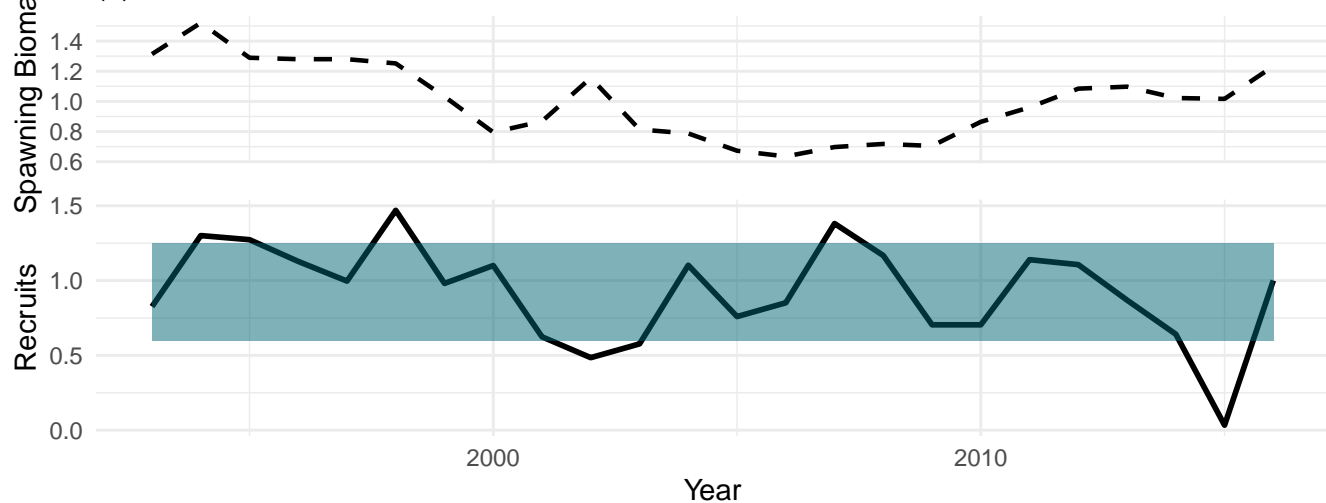


Common sole

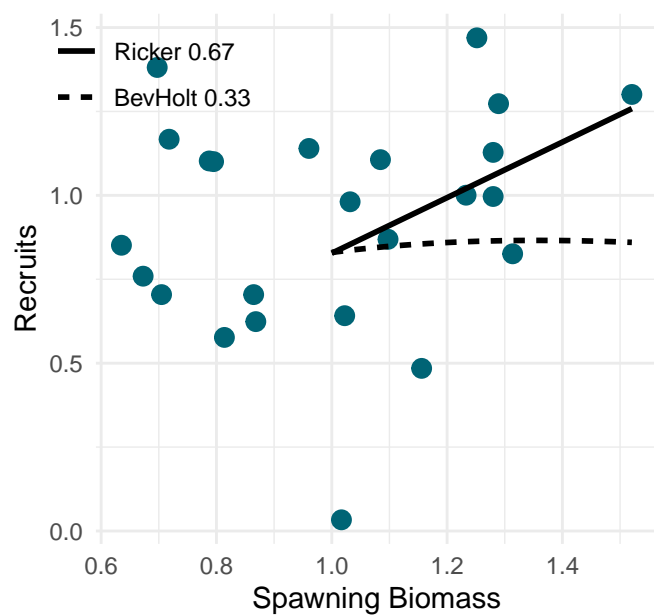
Solea solea

Area ID: multinational-ICES-VIIh-k

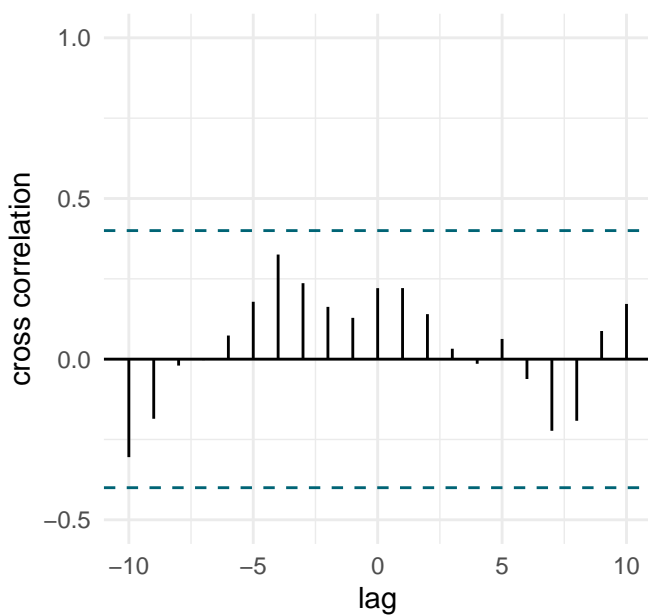
(a)



(b)



(c)

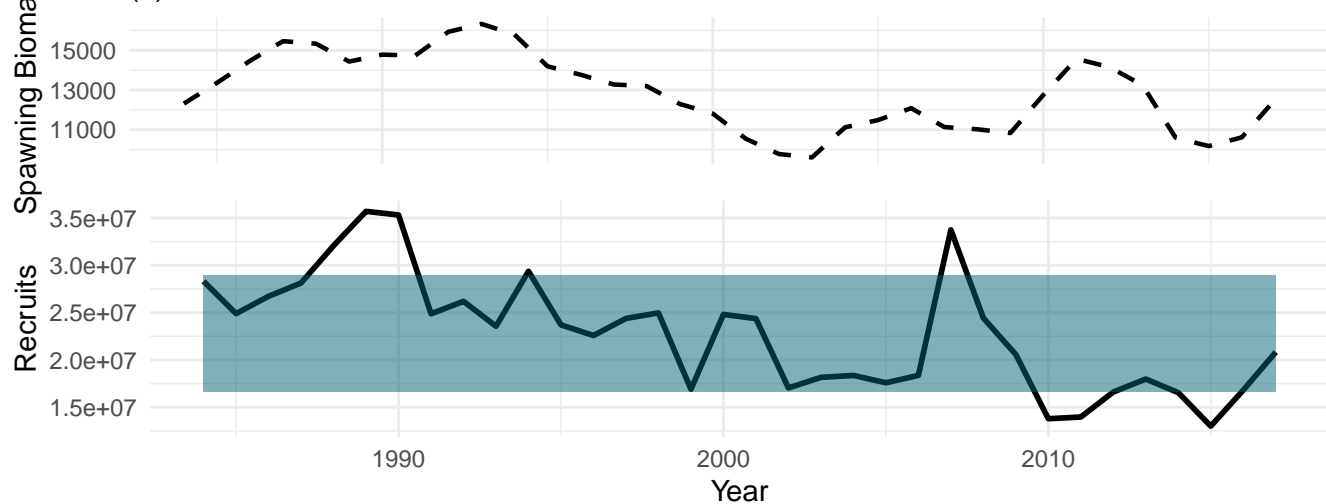


Common sole

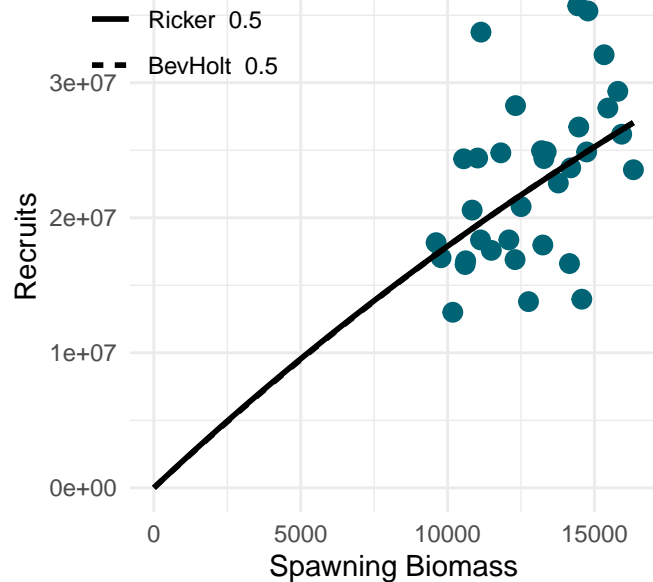
Solea solea

Area ID: multinational-ICES-VIIIab

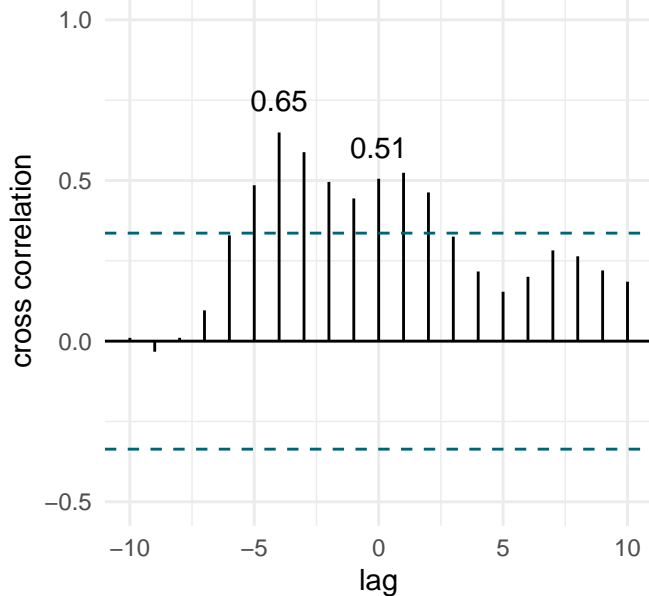
(a)



(b)



(c)

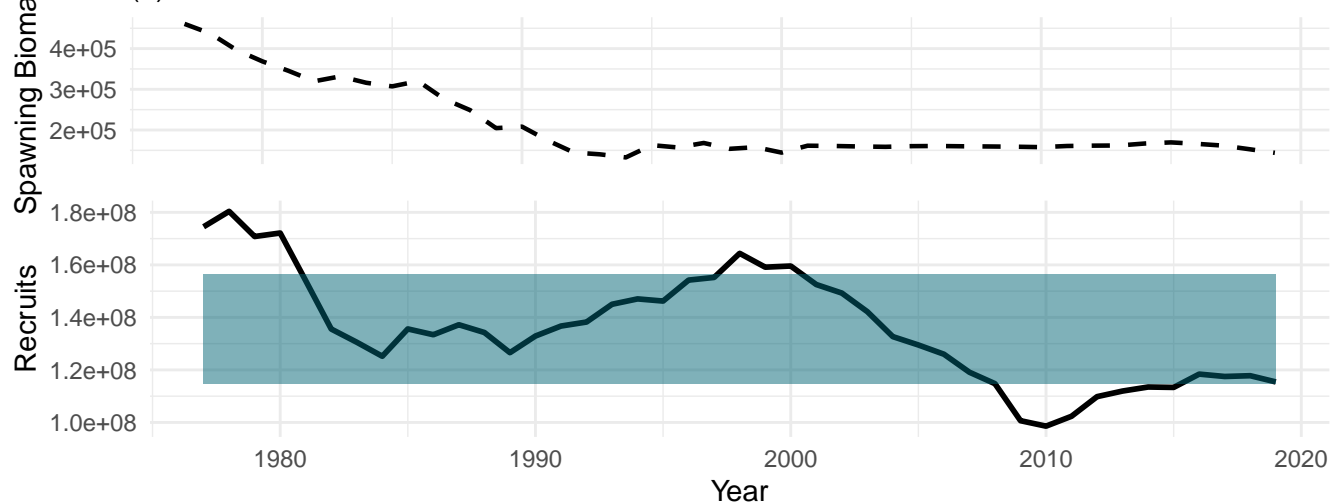


Southern hake

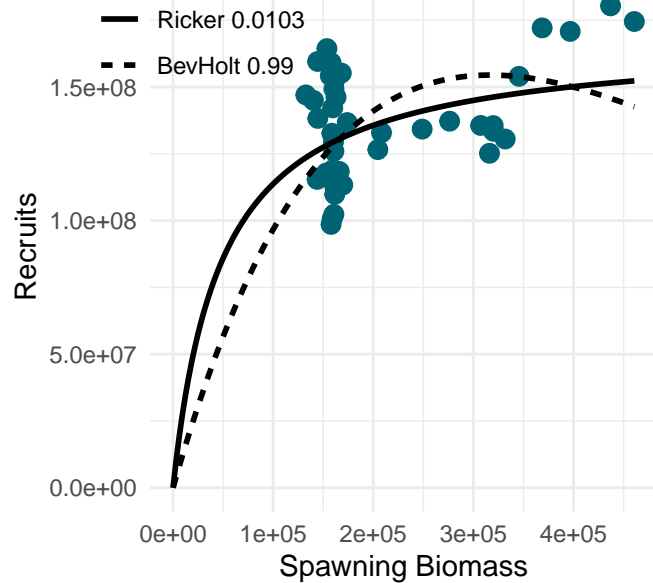
Merluccius australis

Area ID: Chile-SUBPESCA-CH-CS

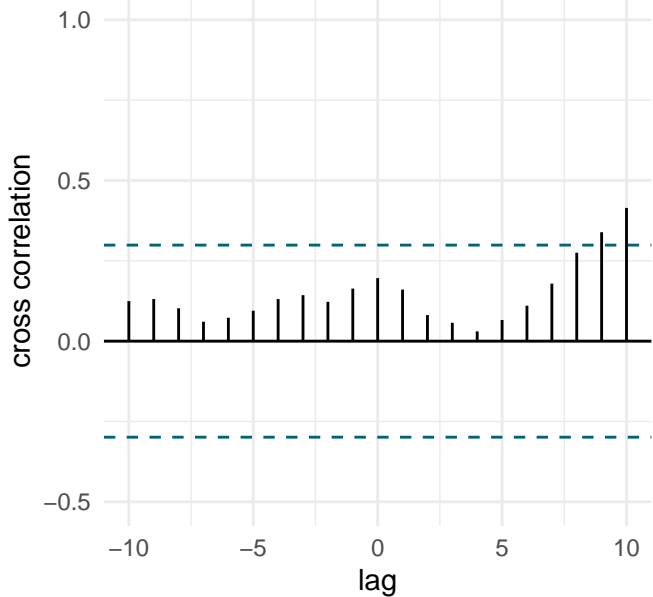
(a)



(b)



(c)

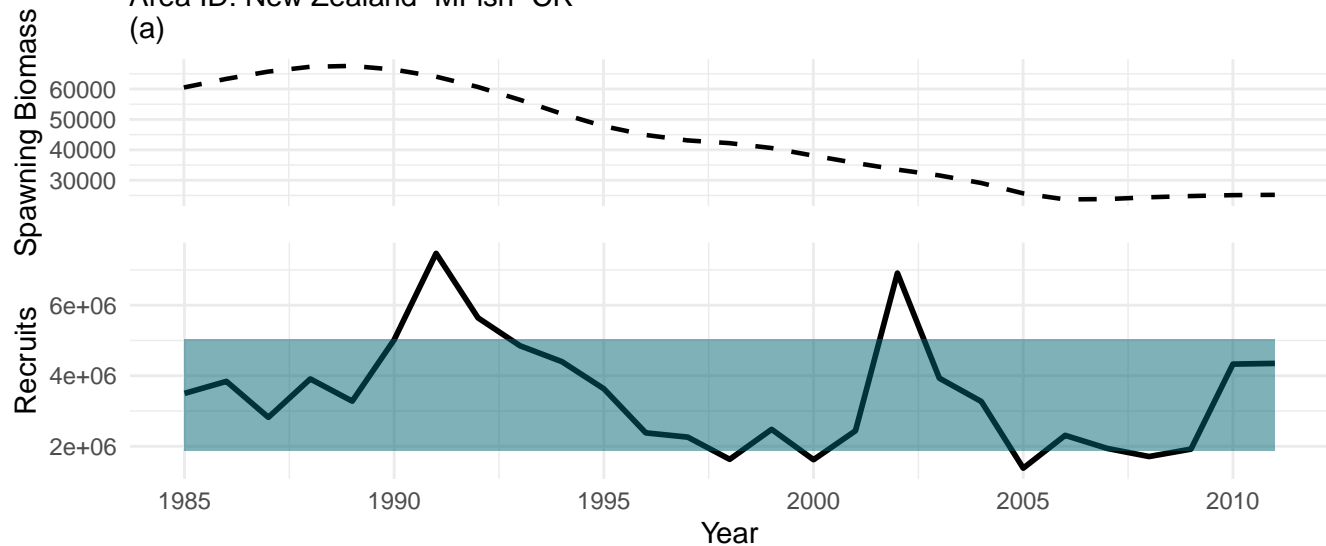


Southern hake

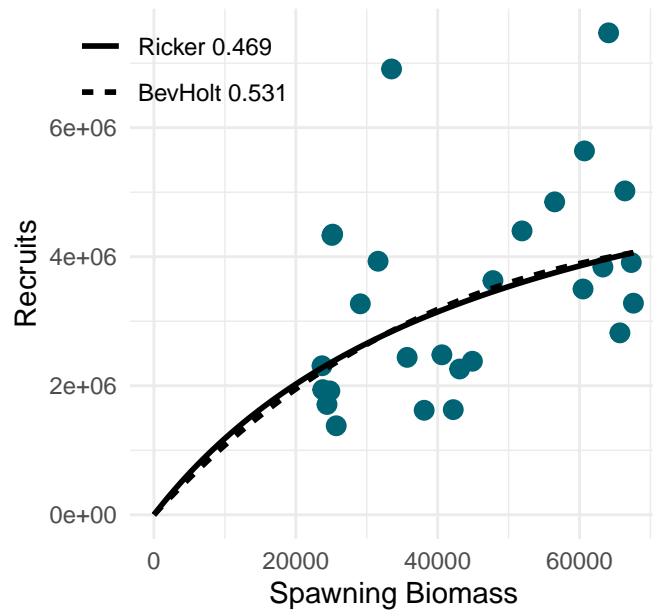
Merluccius australis

Area ID: New Zealand-MFish-CR

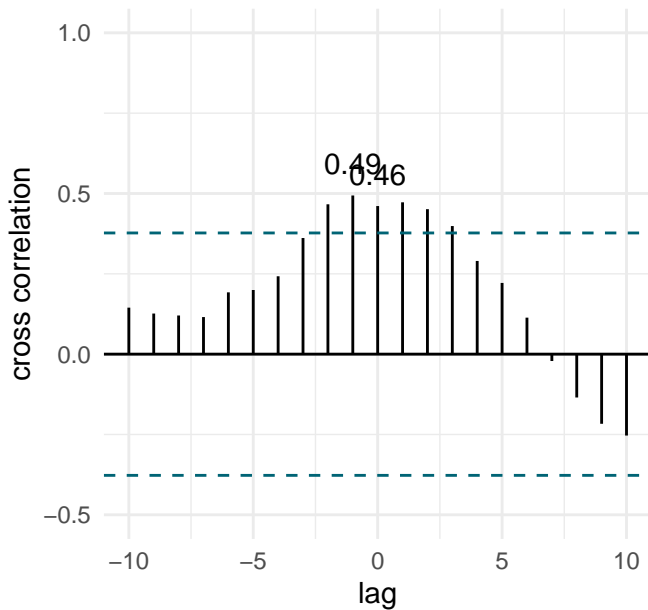
(a)



(b)



(c)

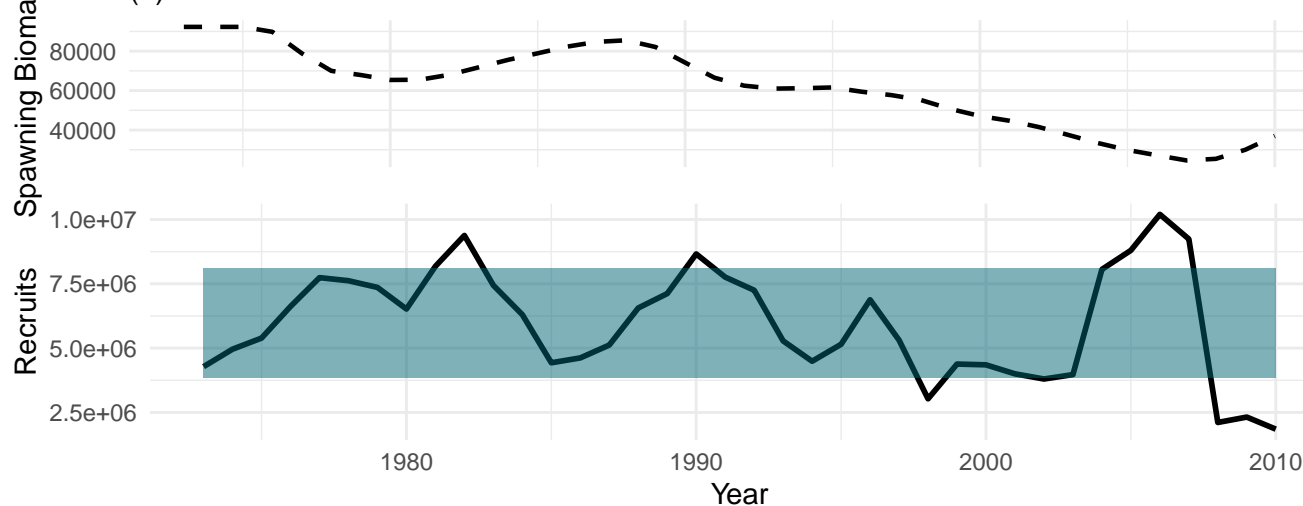


Southern hake

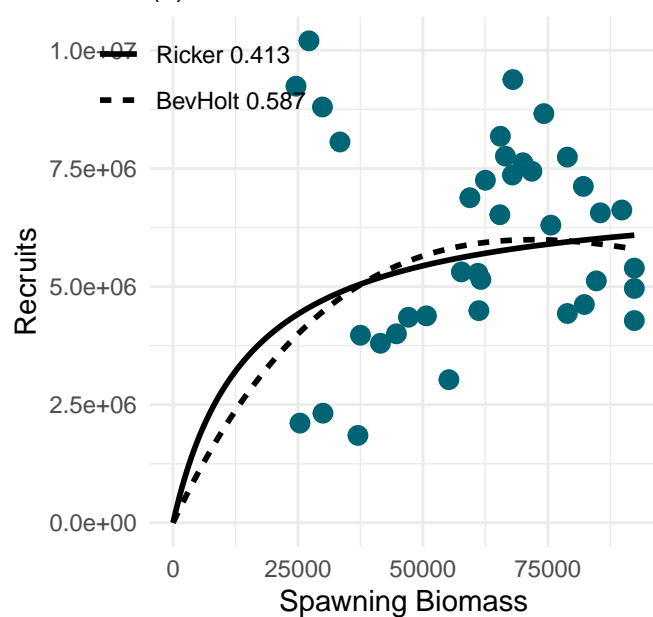
Merluccius australis

Area ID: New Zealand–MFish–WCSI

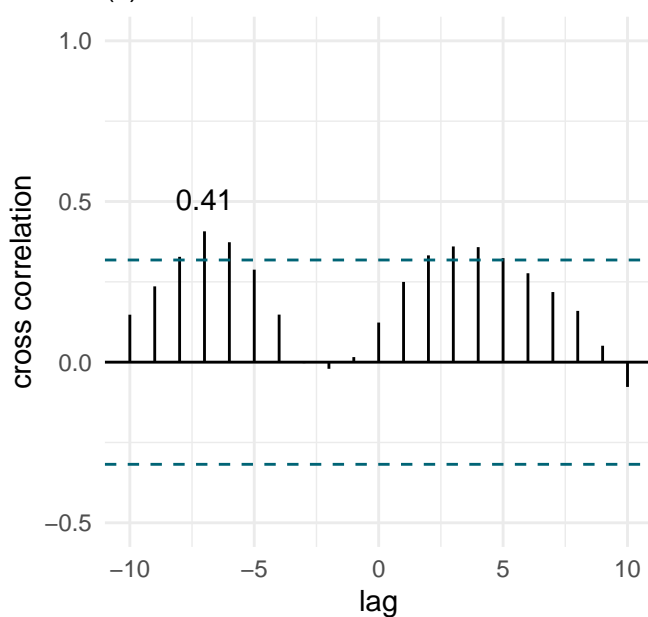
(a)



(b)



(c)

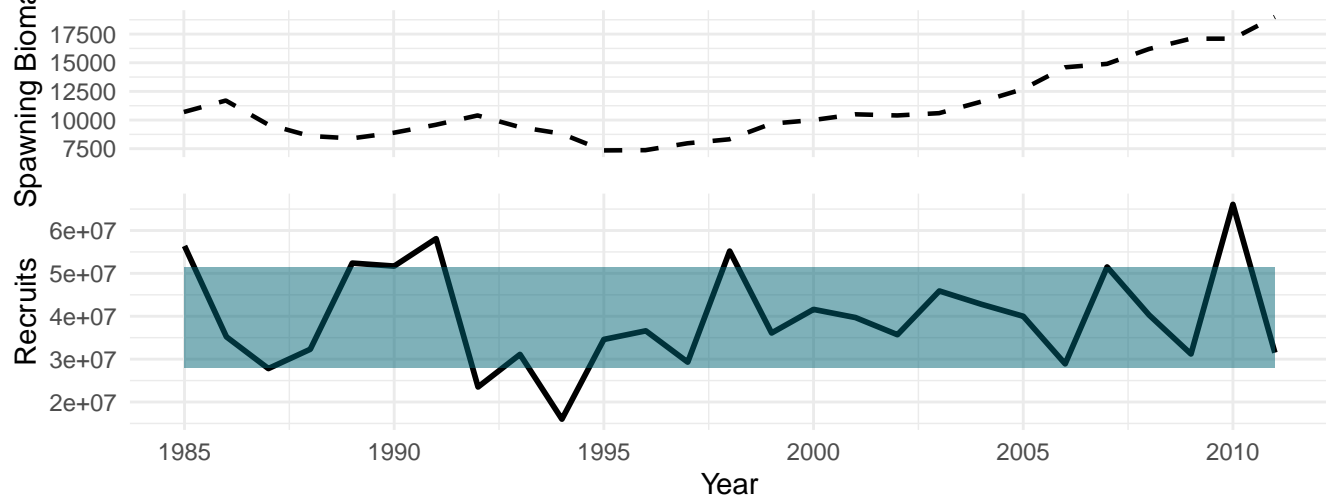


Spanish mackerel

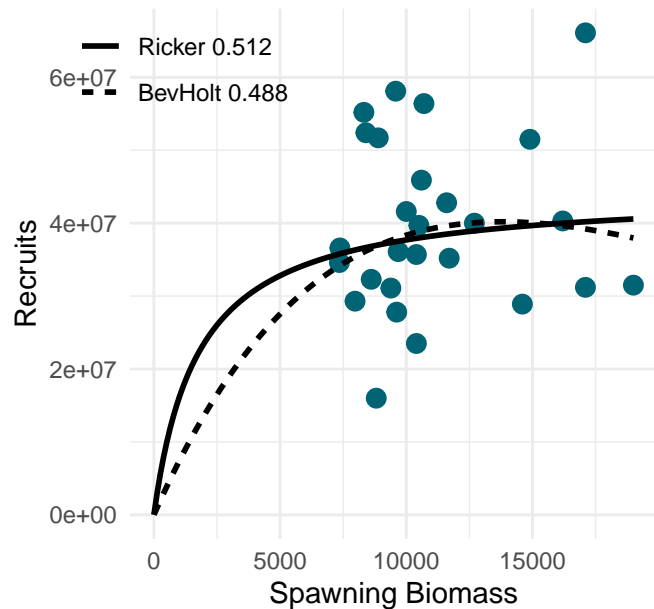
Scomberomorus maculatus

Area ID: USA-NMFS-GM

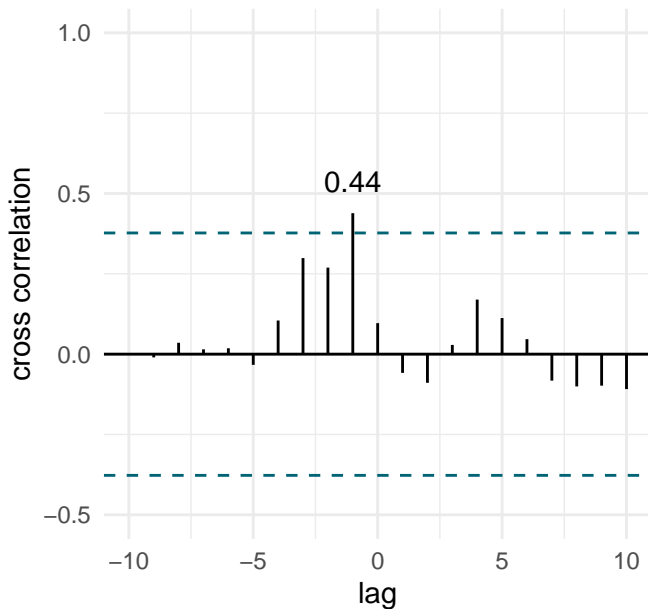
(a)



(b)



(c)

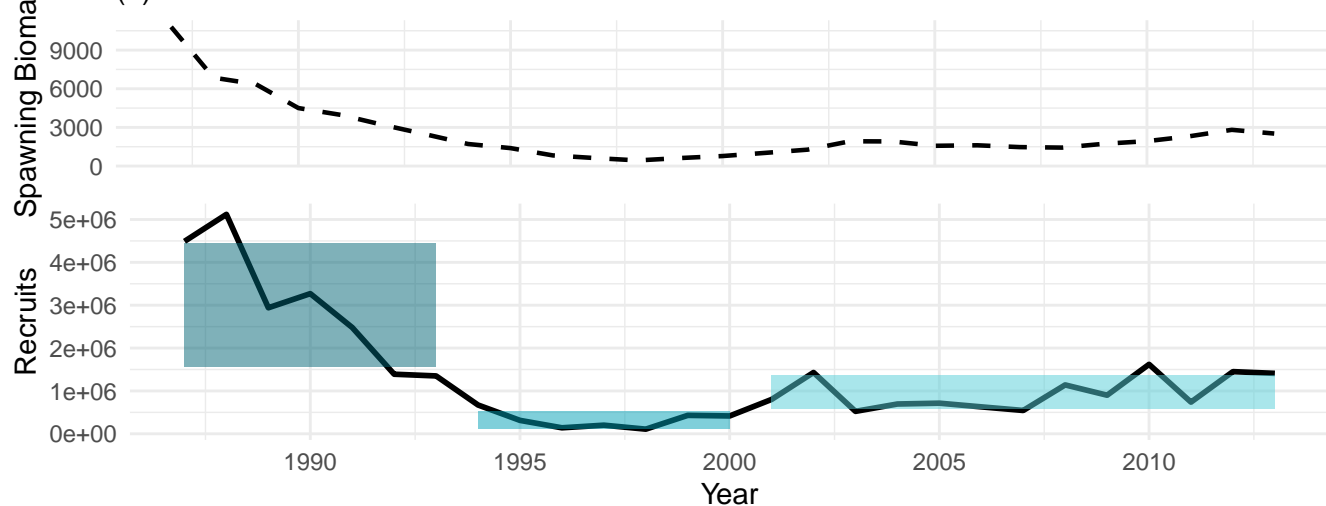


Japanese Spanish mackerel

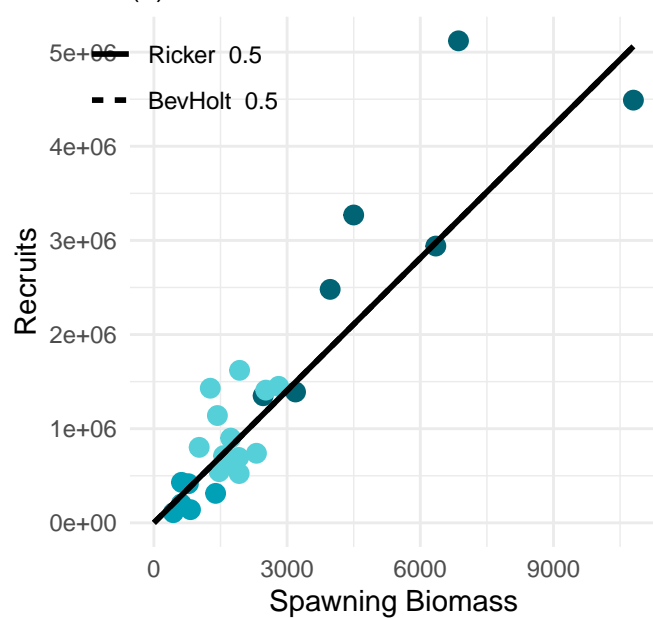
Scomberomorus niphonius

Area ID: Japan-FAJ-SETO

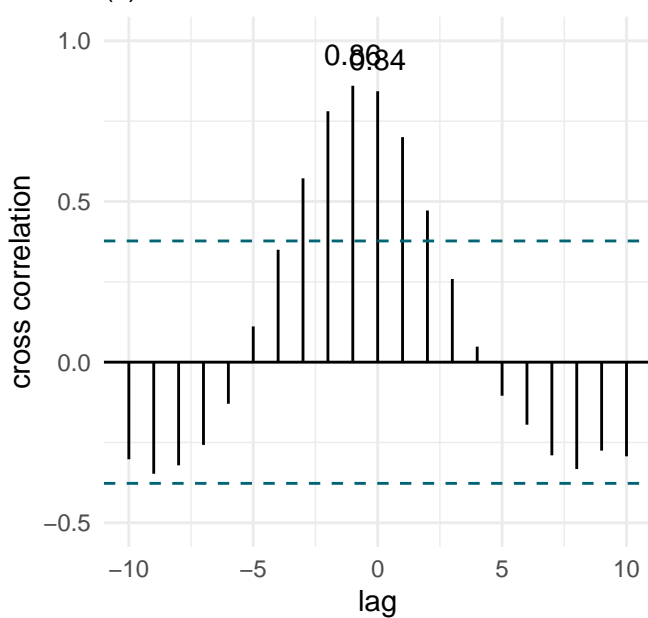
(a)



(b)



(c)

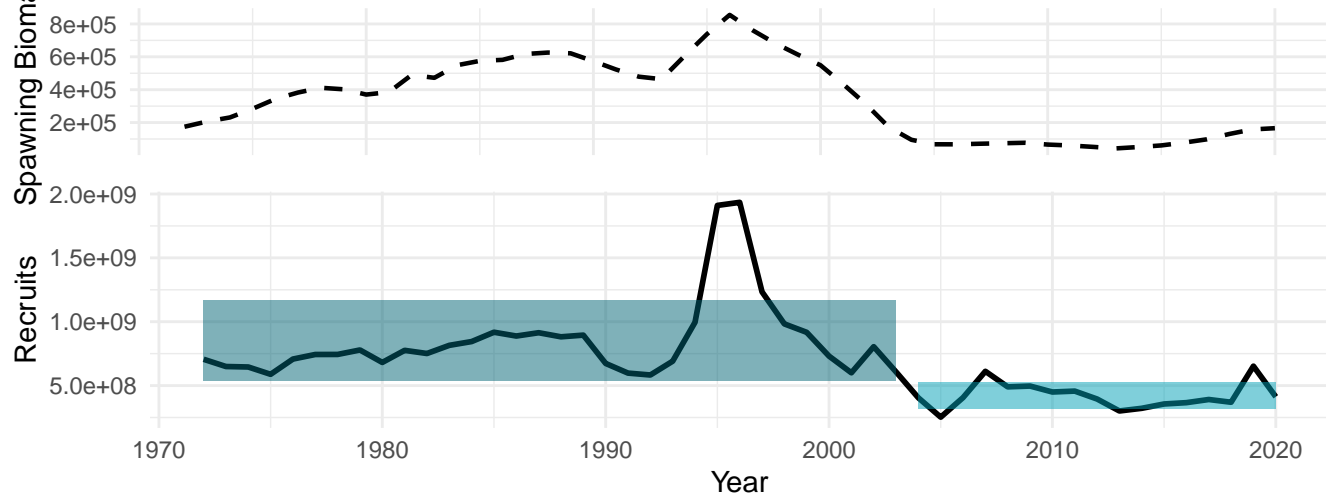


South Pacific hake

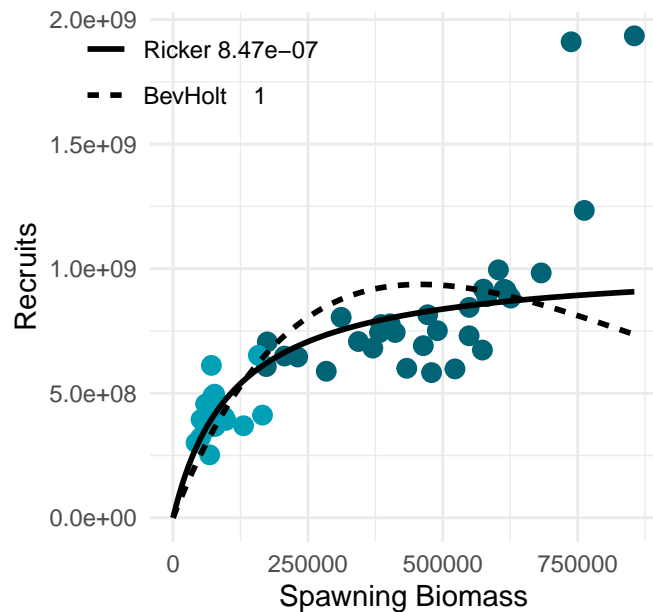
Merluccius gayi

Area ID: Chile-SUBPESCA-CH-CS

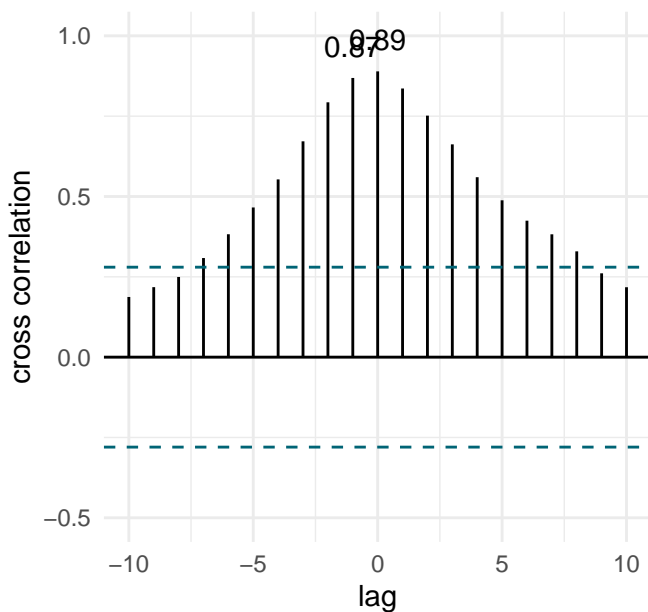
(a)



(b)



(c)

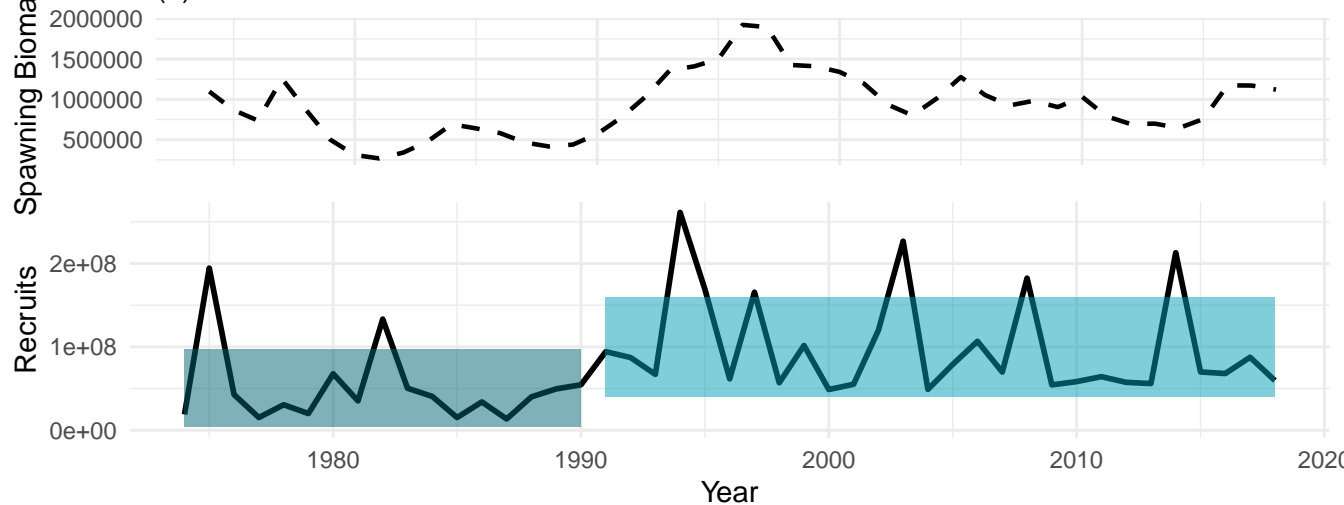


Sprat

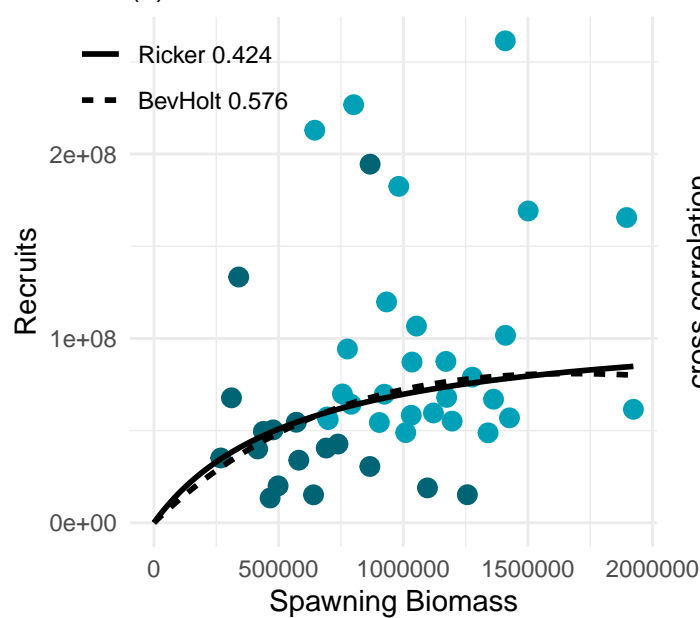
Sprattus sprattus

Area ID: multinational-ICES-22-32

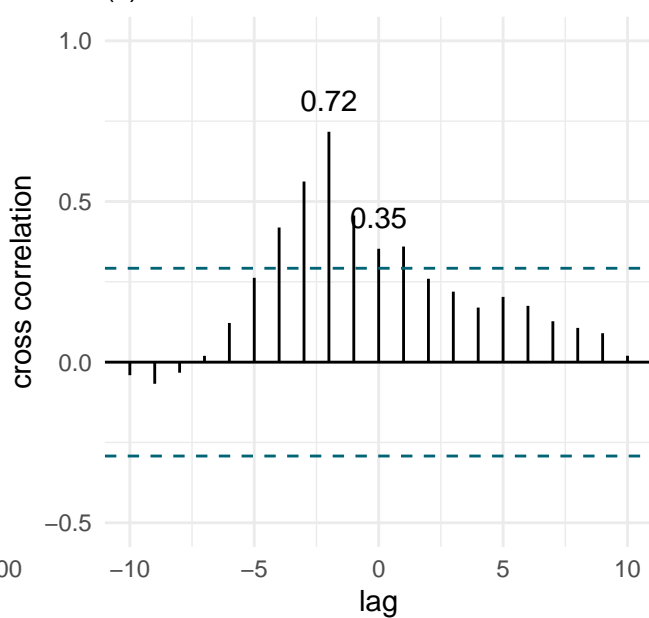
(a)



(b)



(c)

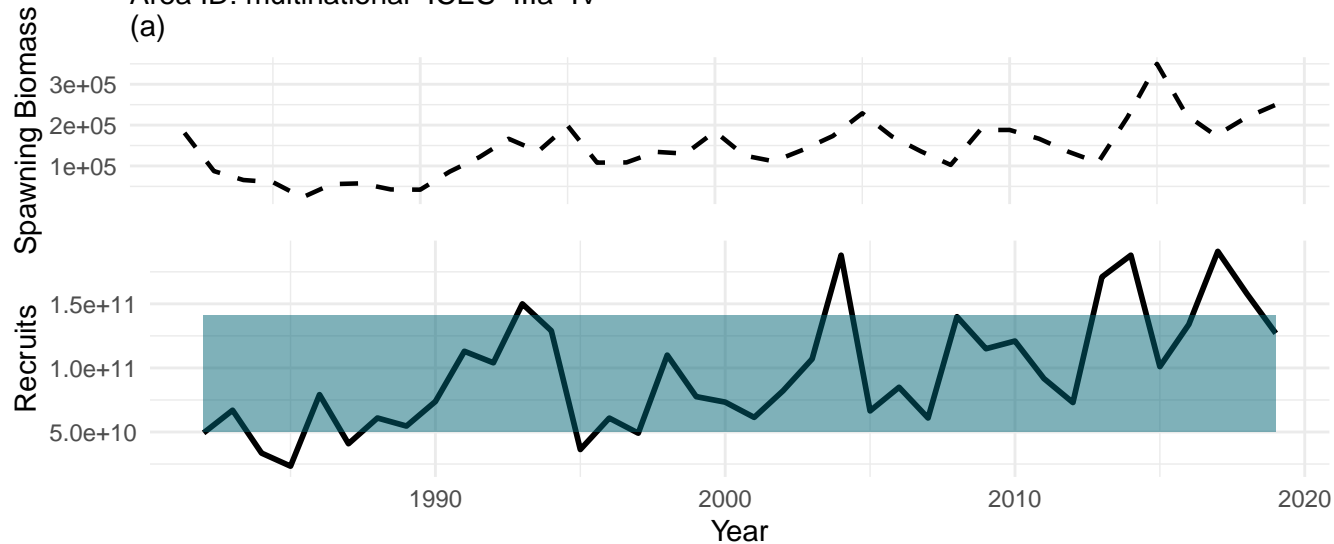


Sprat

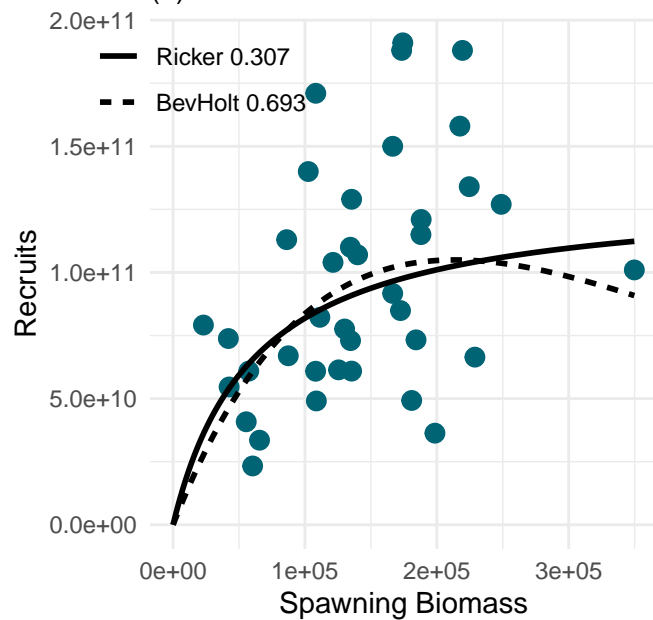
Sprattus sprattus

Area ID: multinational-ICES-IIIa-IV

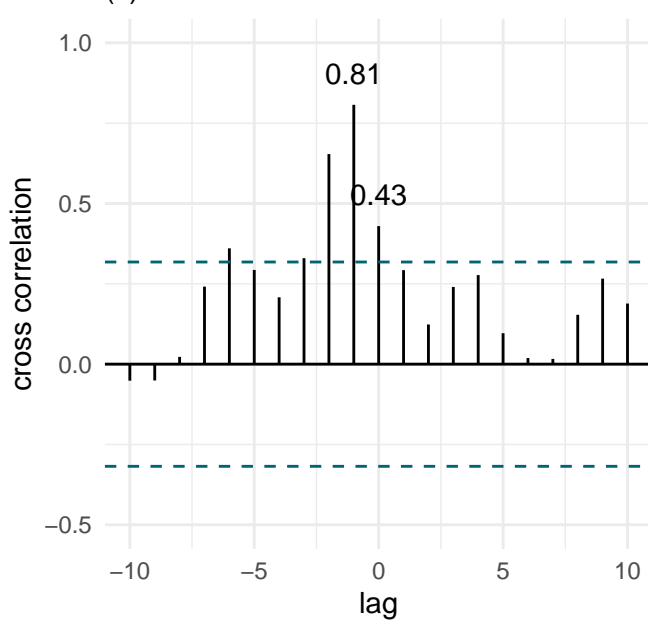
(a)



(b)



(c)

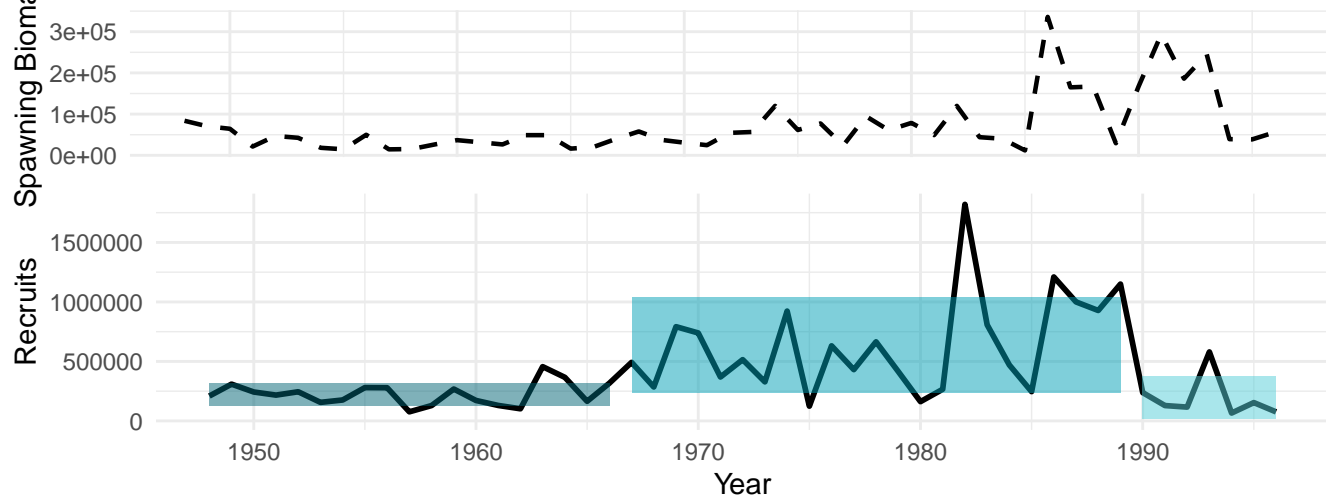


Sockeye salmon

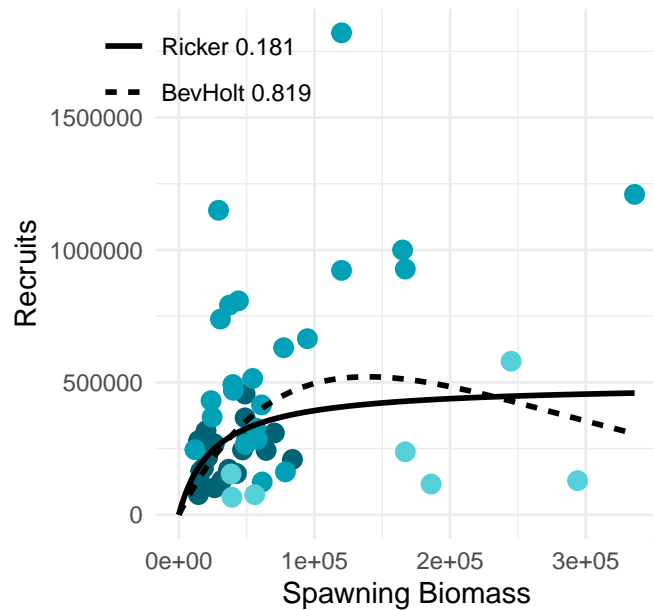
Oncorhynchus nerka

Area ID: Canada-DFO-BIRKENH

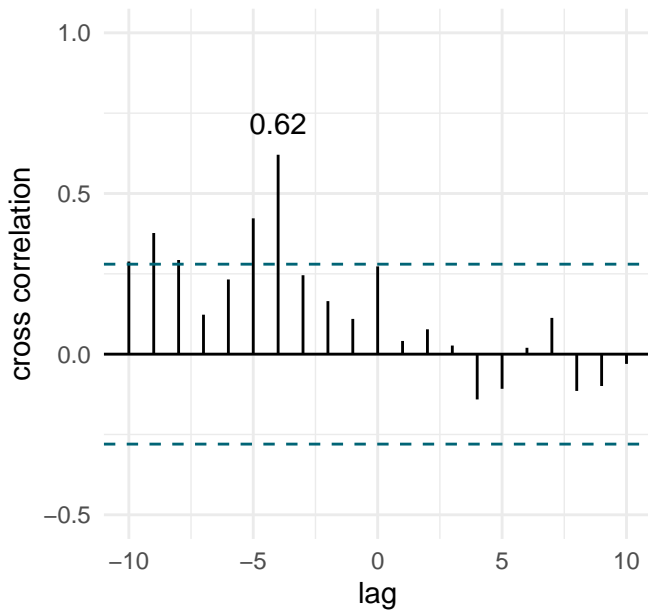
(a)



(b)



(c)

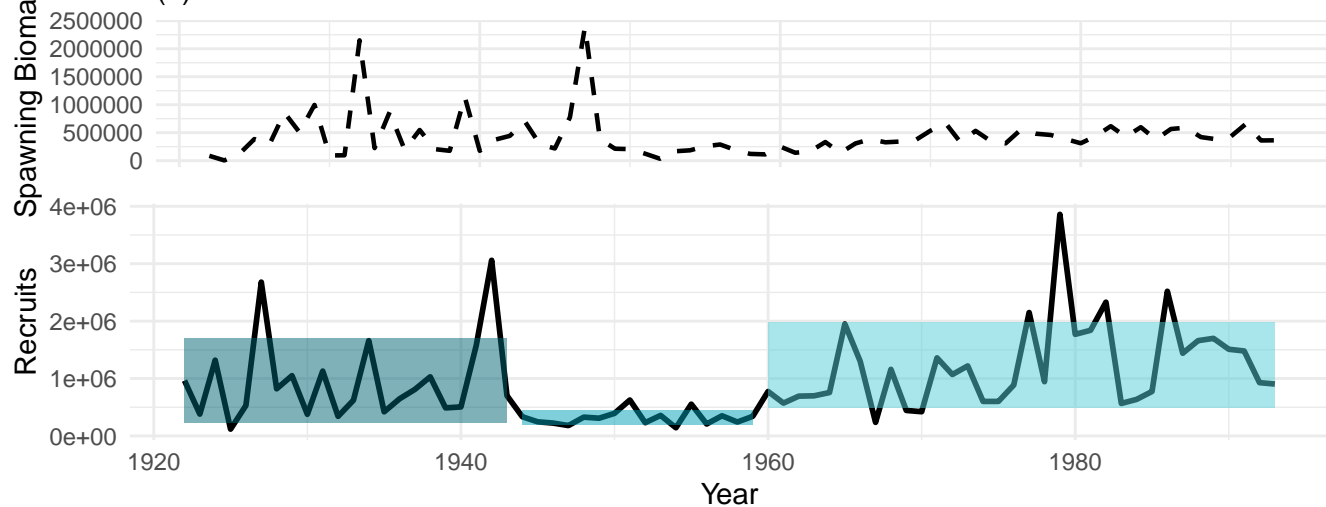


Sockeye salmon

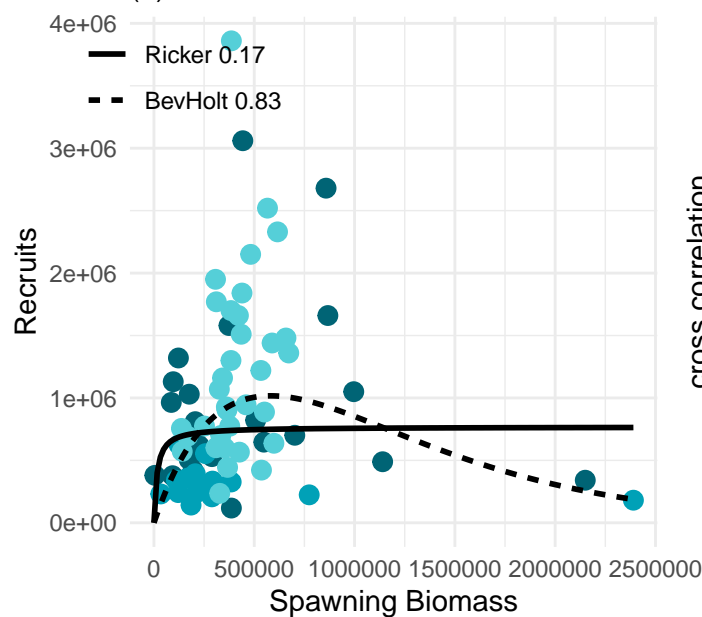
Oncorhynchus nerka

Area ID: USA-AKSTATE-BLACKL

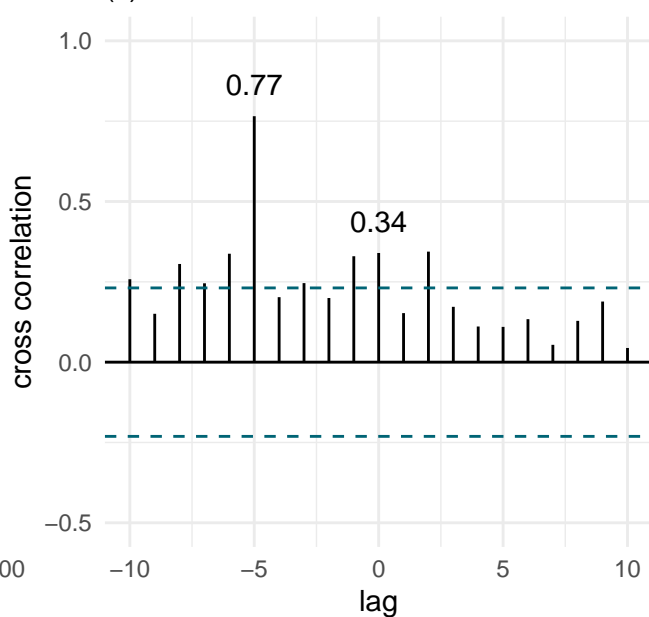
(a)



(b)



(c)

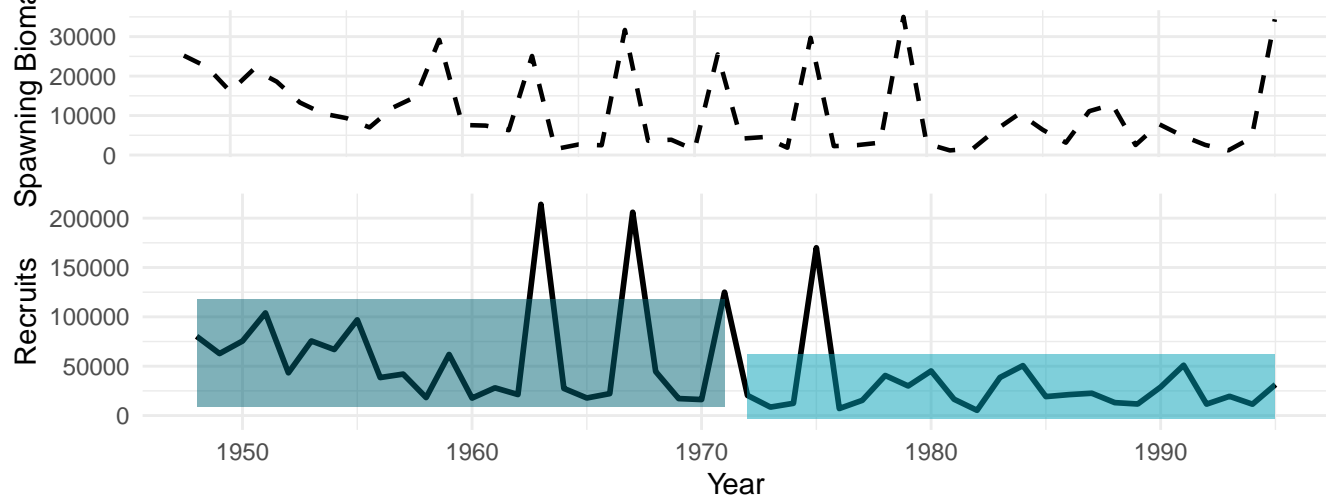


Sockeye salmon

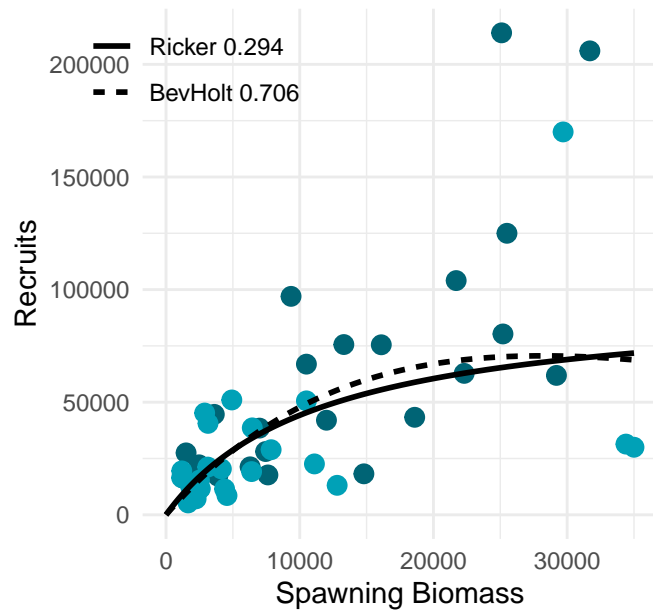
Oncorhynchus nerka

Area ID: Canada-DFO-BOWRON

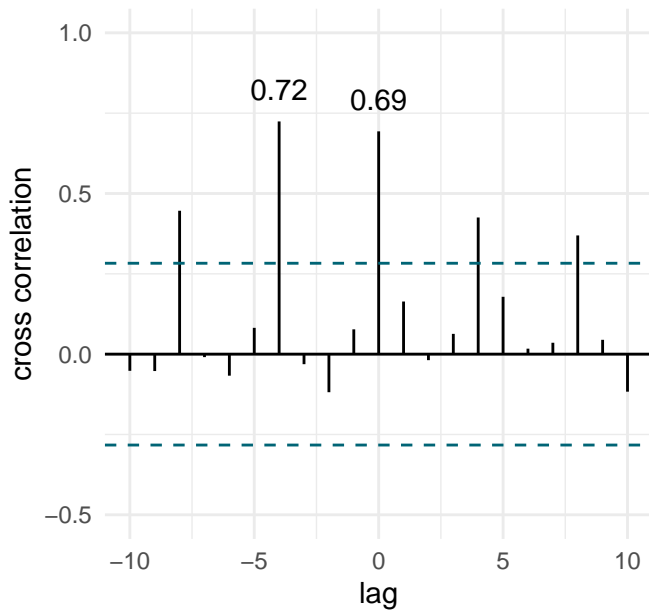
(a)



(b)



(c)

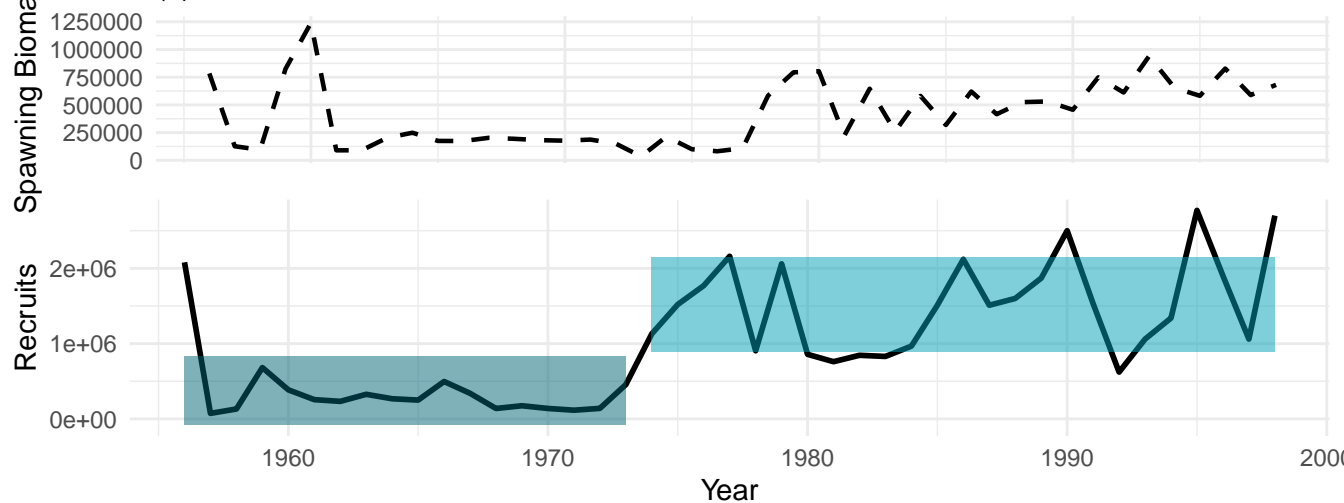


Sockeye salmon

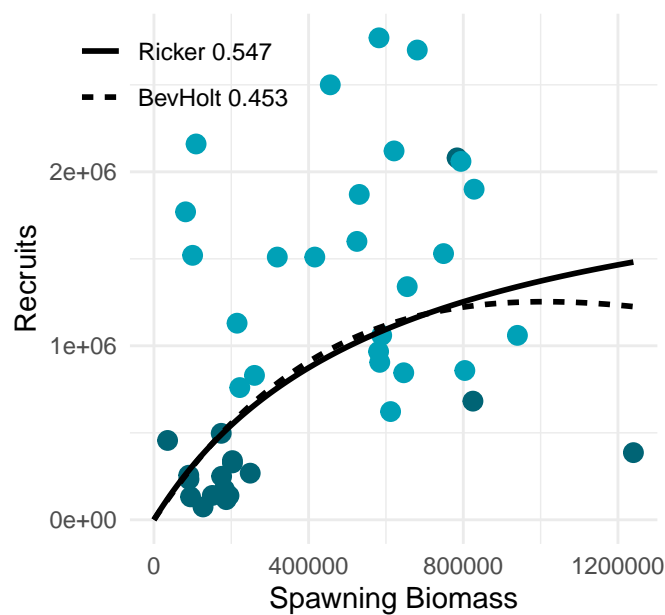
Oncorhynchus nerka

Area ID: USA-AKSTATE-BRANCH

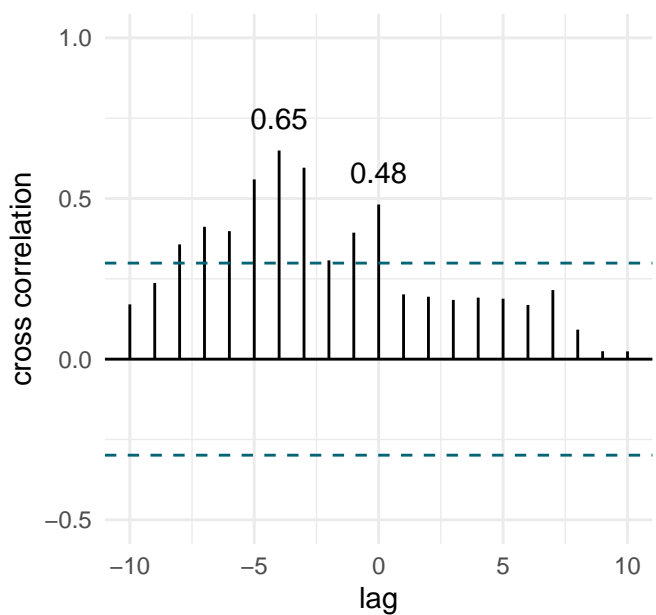
(a)



(b)



(c)

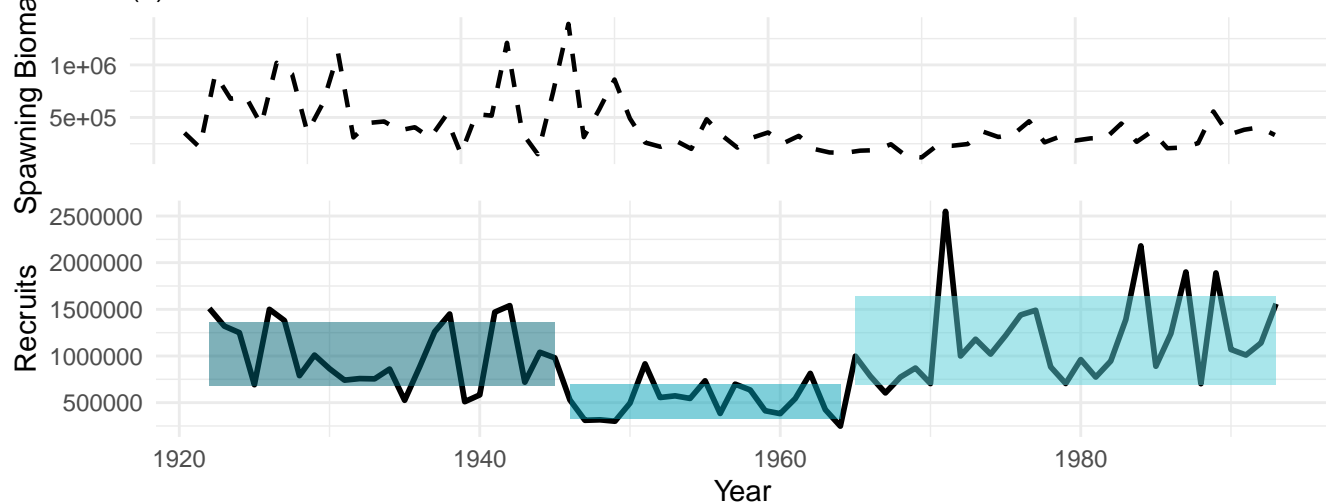


Sockeye salmon

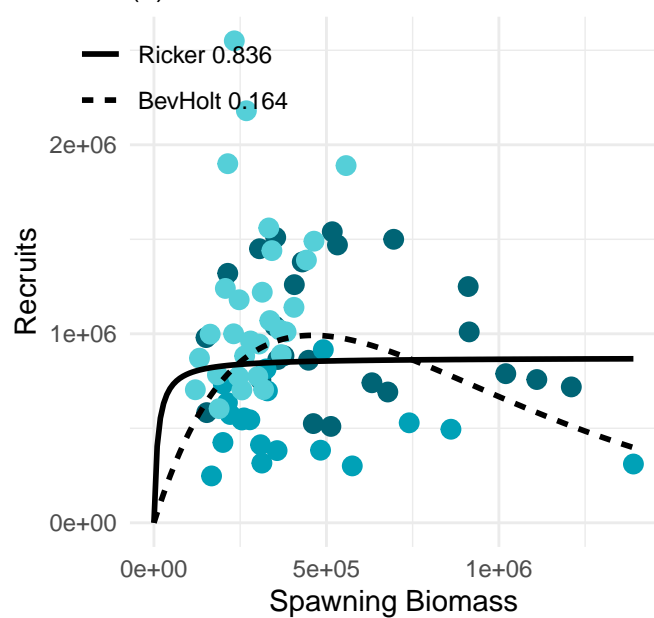
Oncorhynchus nerka

Area ID: USA-AKSTATE-CHIGNIKL

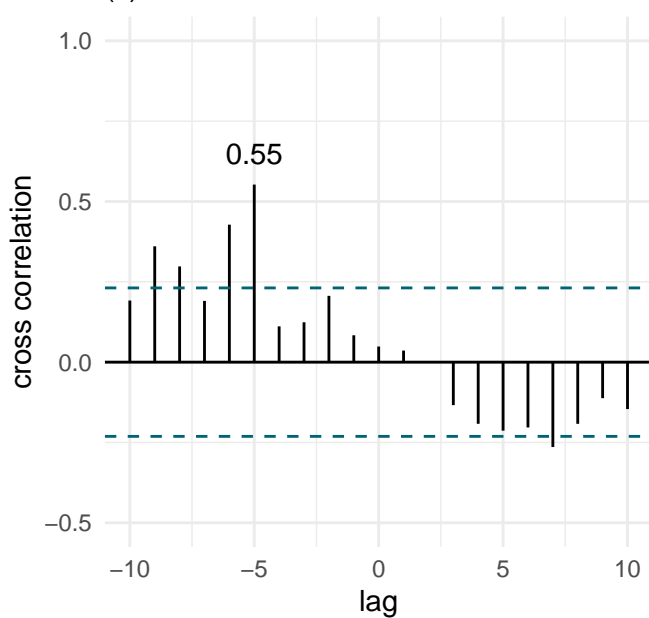
(a)



(b)



(c)

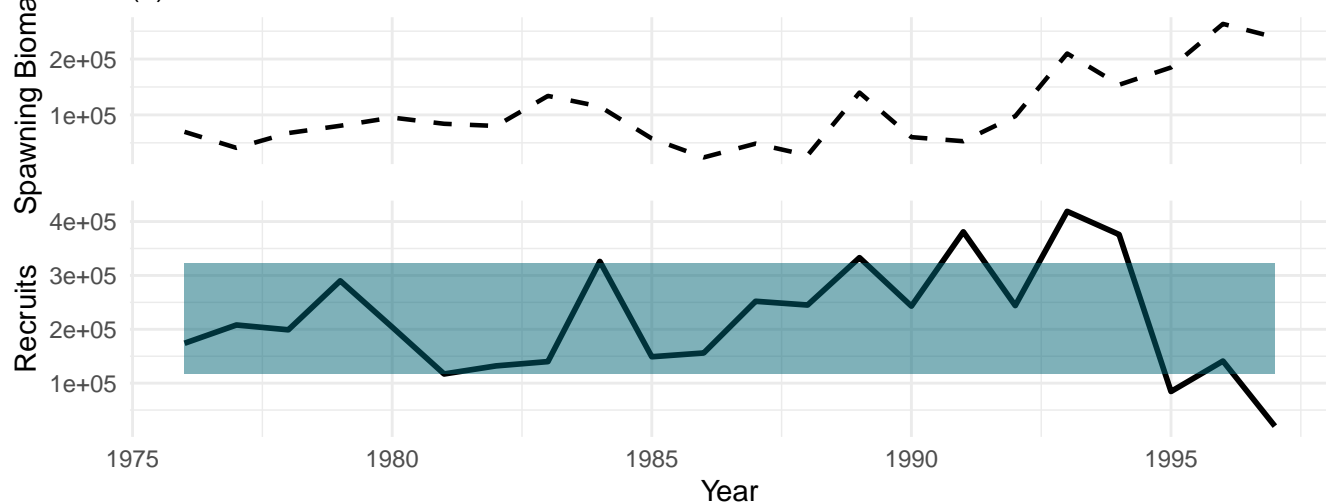


Sockeye salmon

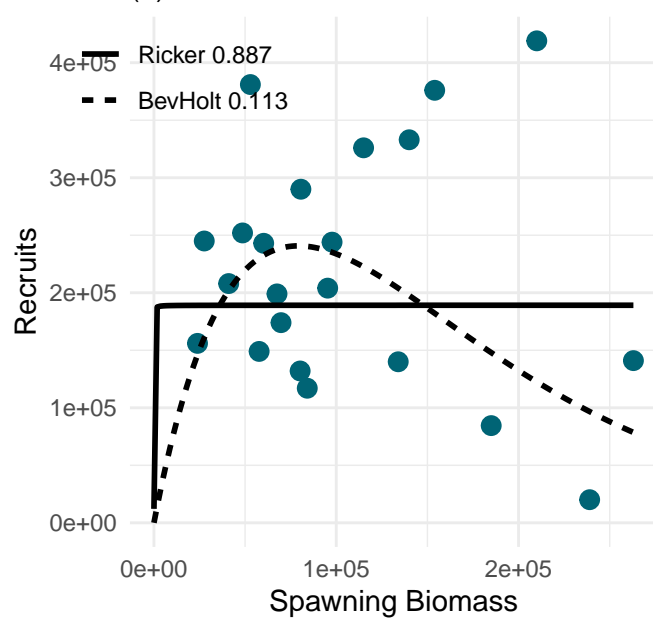
Oncorhynchus nerka

Area ID: USA-AKSTATE-CHILKATL

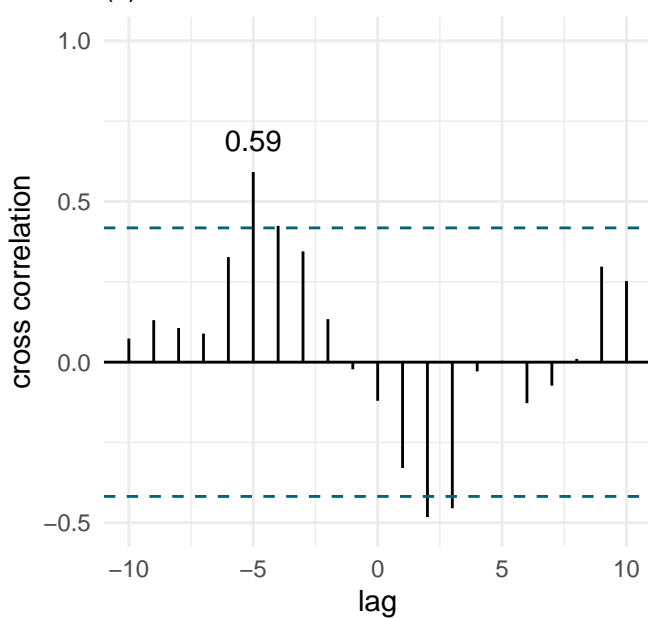
(a)



(b)



(c)

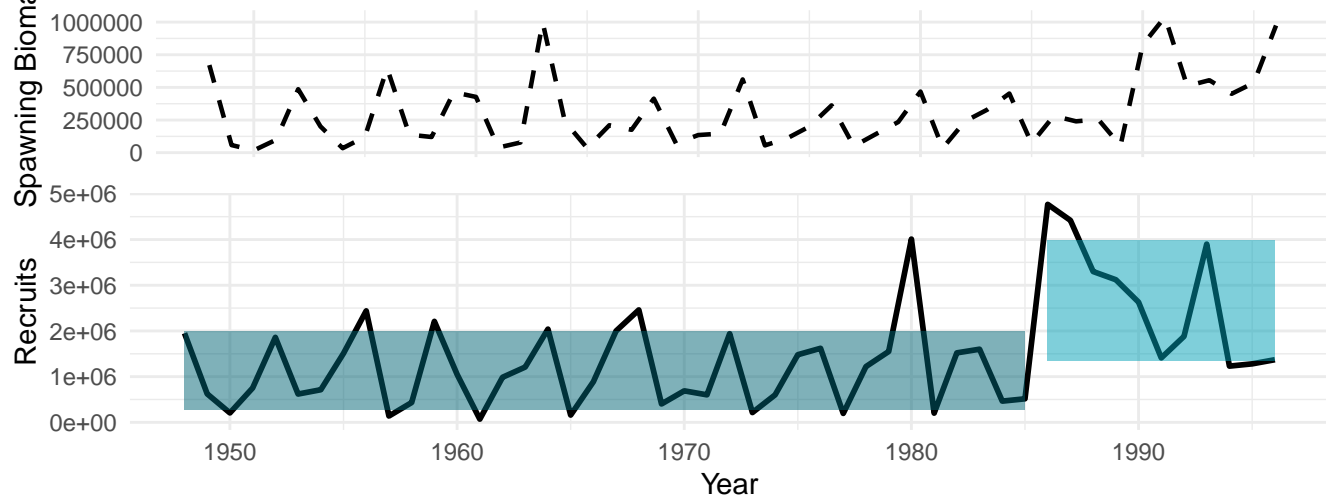


Sockeye salmon

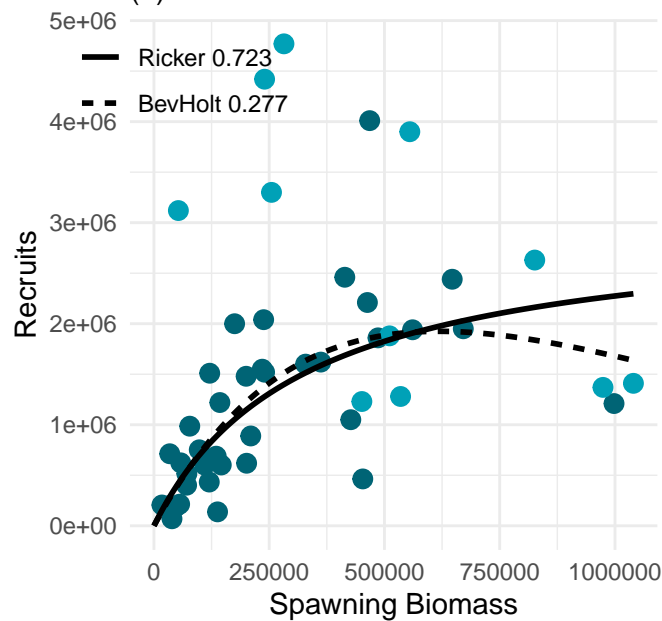
Oncorhynchus nerka

Area ID: Canada-DFO-CHILKO

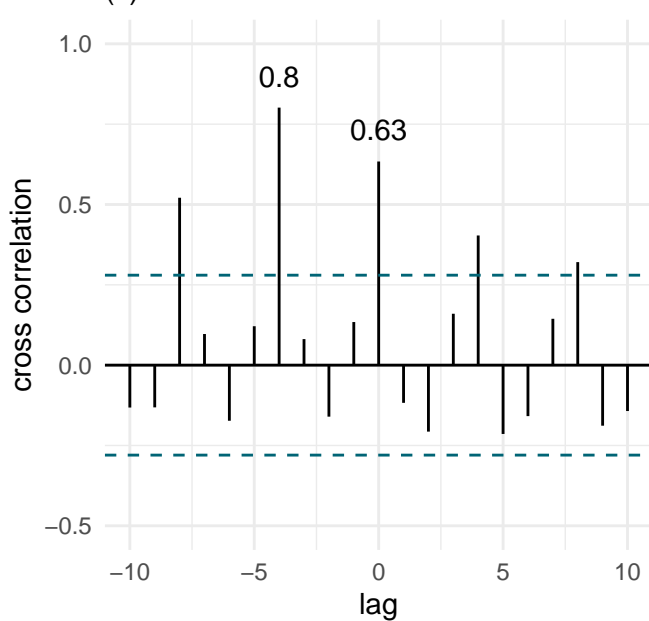
(a)



(b)



(c)

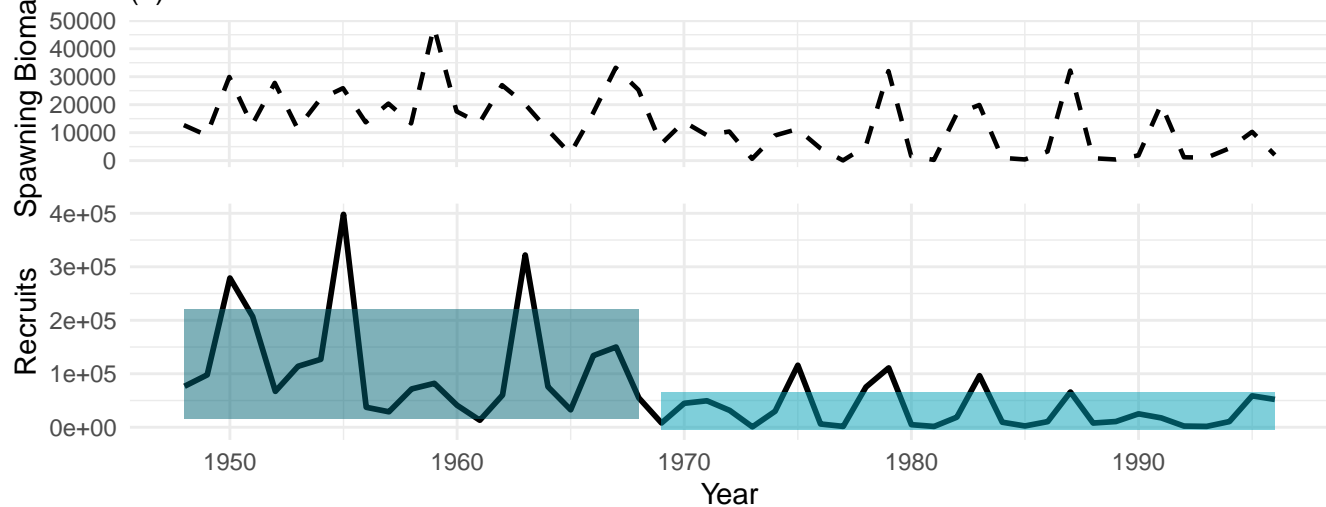


Sockeye salmon

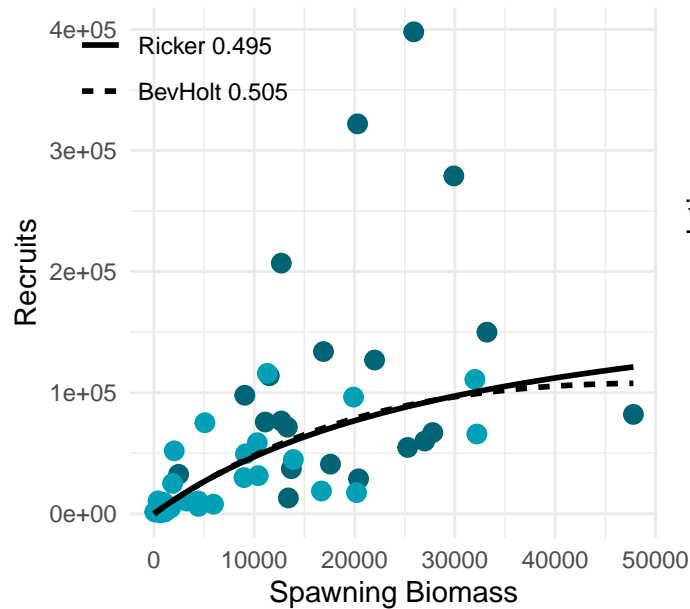
Oncorhynchus nerka

Area ID: Canada-DFO-CULTUS

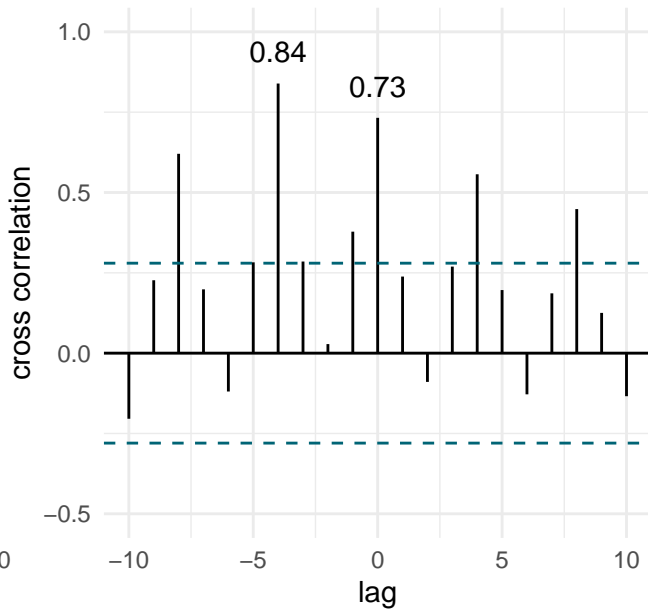
(a)



(b)



(c)

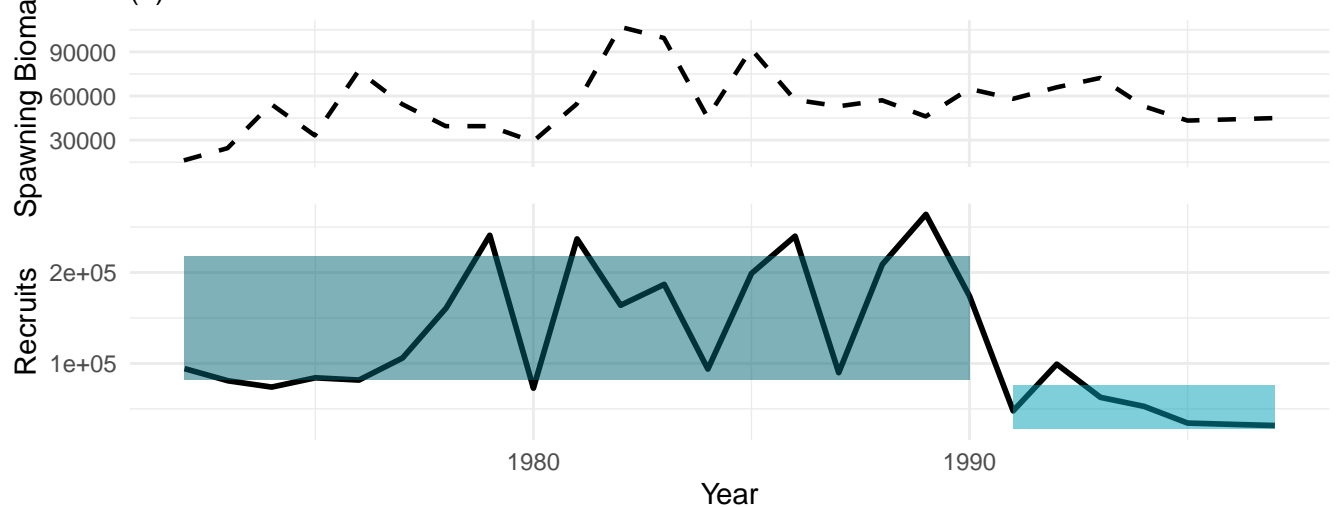


Sockeye salmon

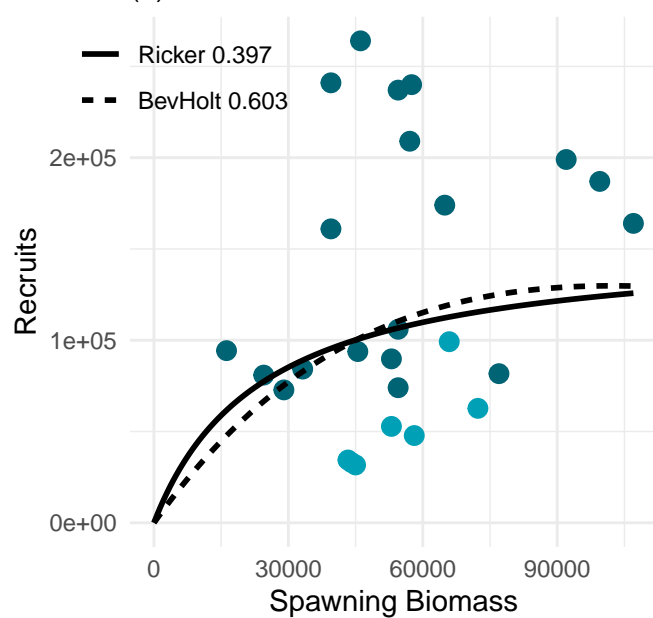
Oncorhynchus nerka

Area ID: USA-AKSTATE-EALSEKDR

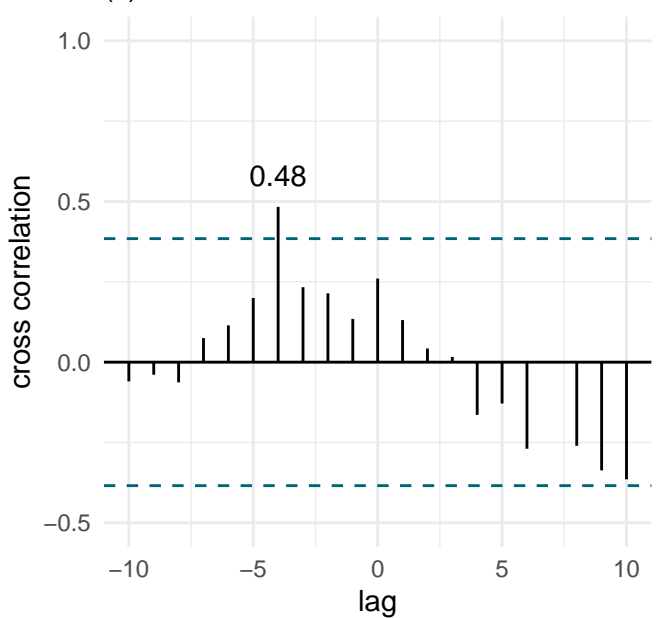
(a)



(b)



(c)

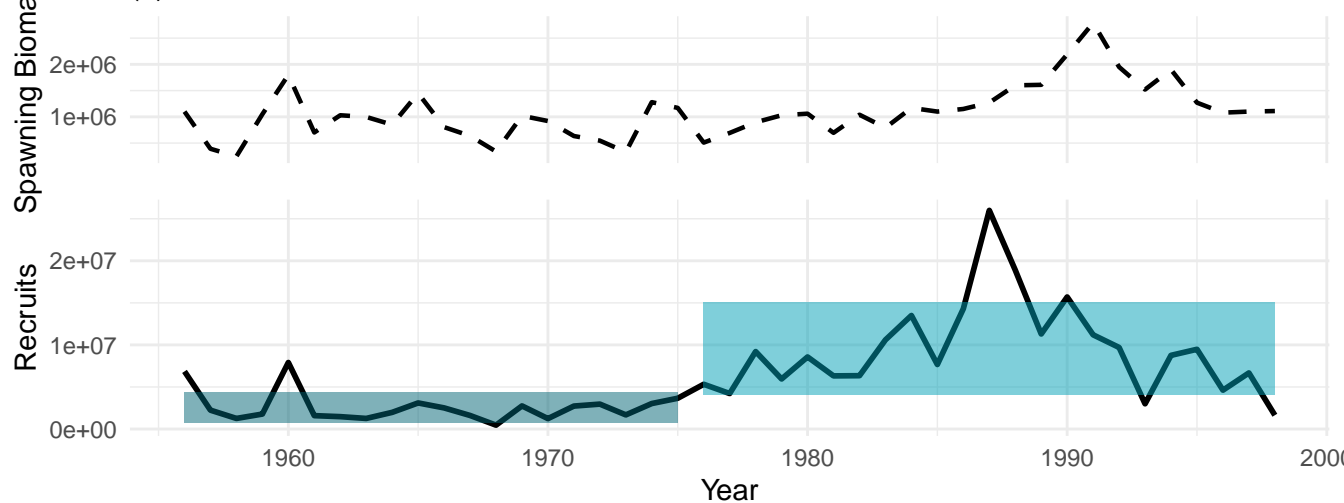


Sockeye salmon

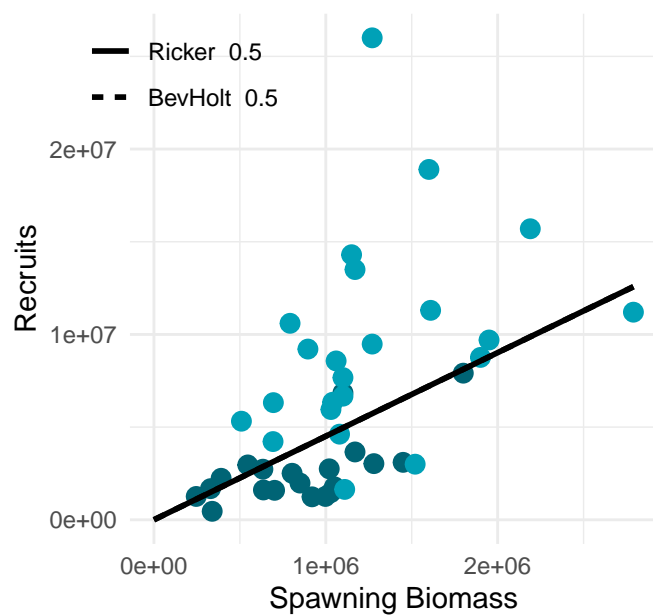
Oncorhynchus nerka

Area ID: USA-AKSTATE-EGEGIK

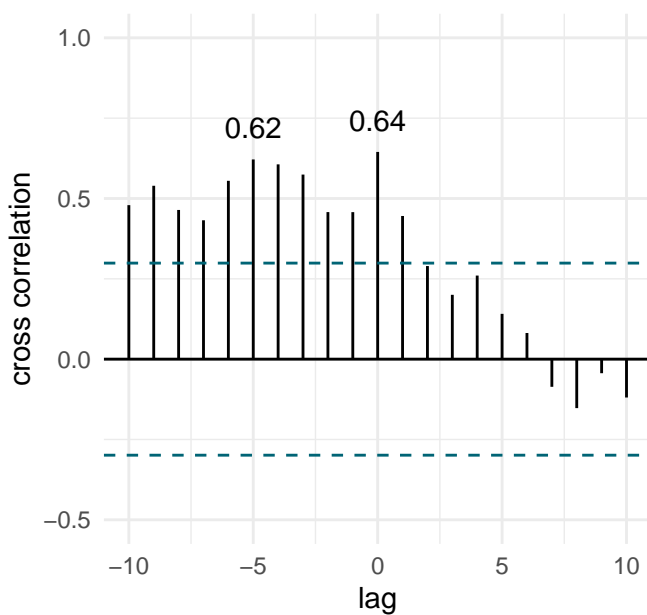
(a)



(b)



(c)

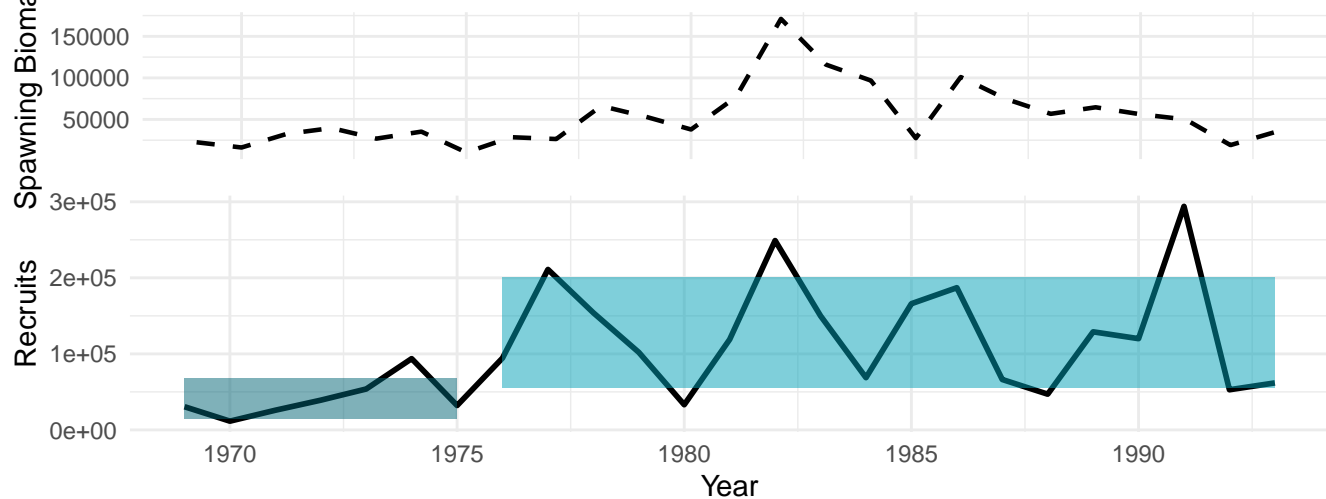


Sockeye salmon

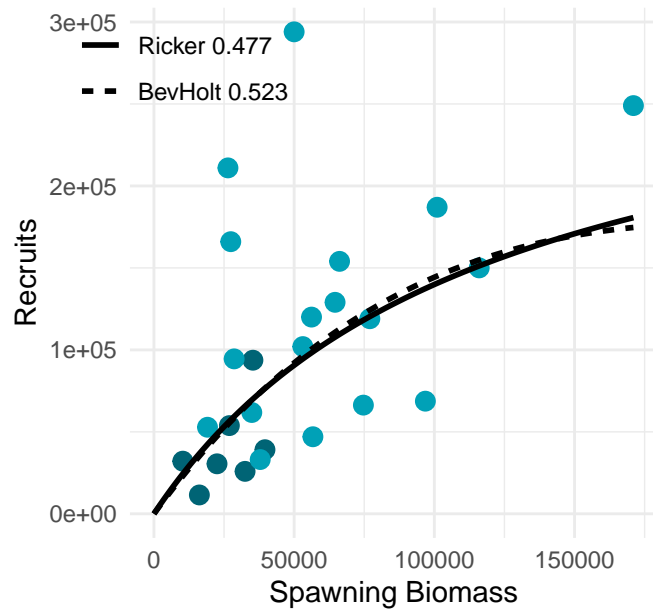
Oncorhynchus nerka

Area ID: USA-AKSTATE-EUPPERS

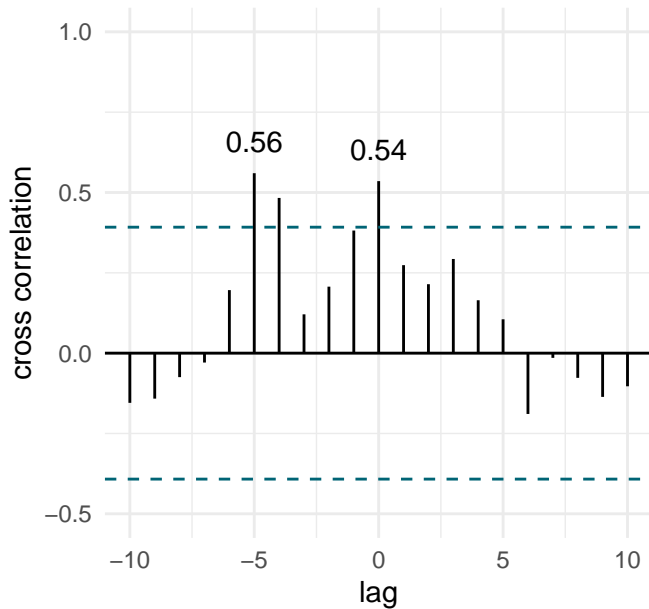
(a)



(b)



(c)

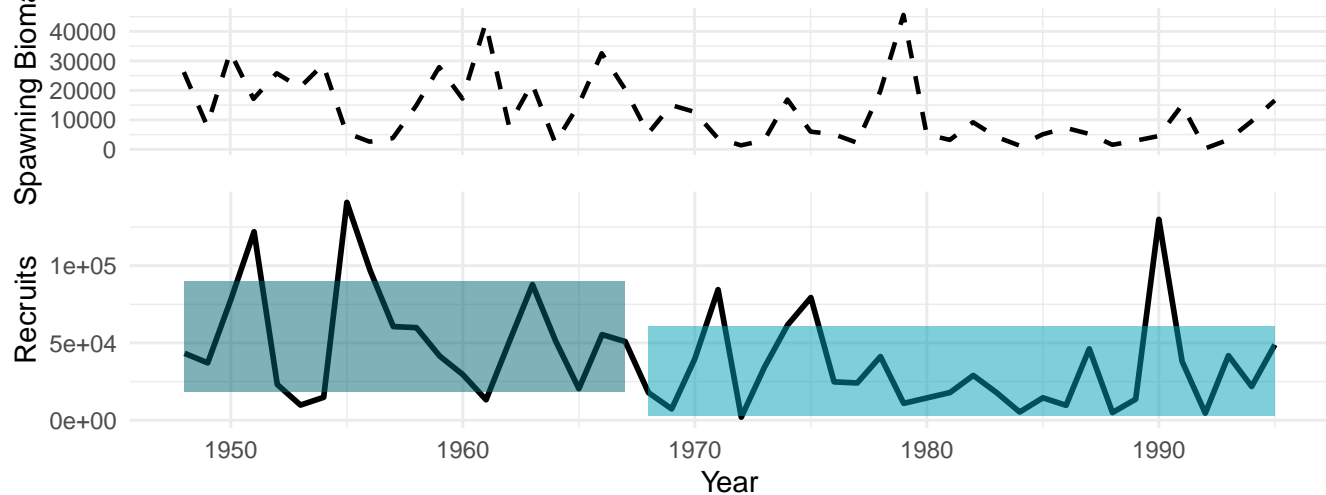


Sockeye salmon

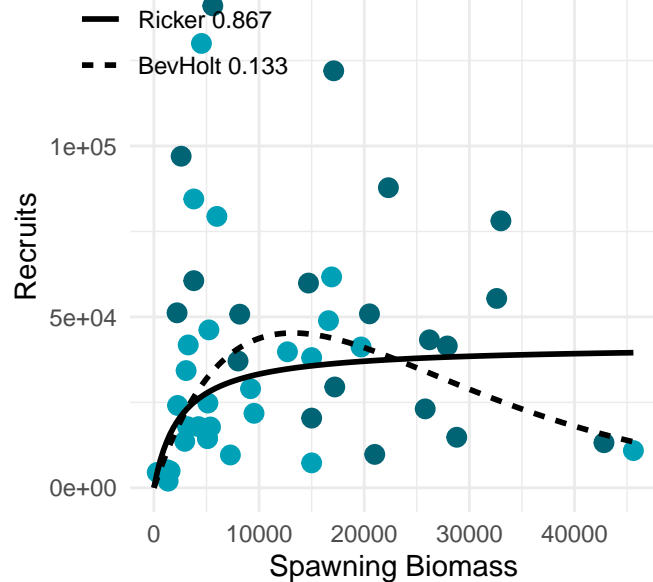
Oncorhynchus nerka

Area ID: Canada-DFO-HARRISON

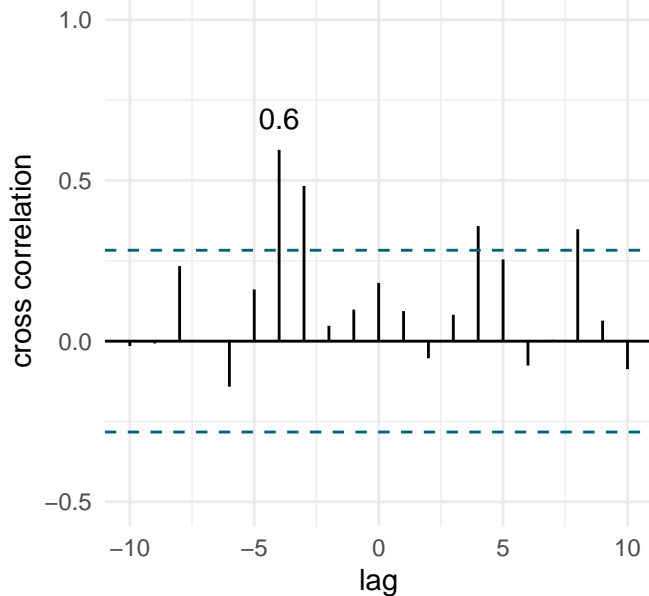
(a)



(b)



(c)

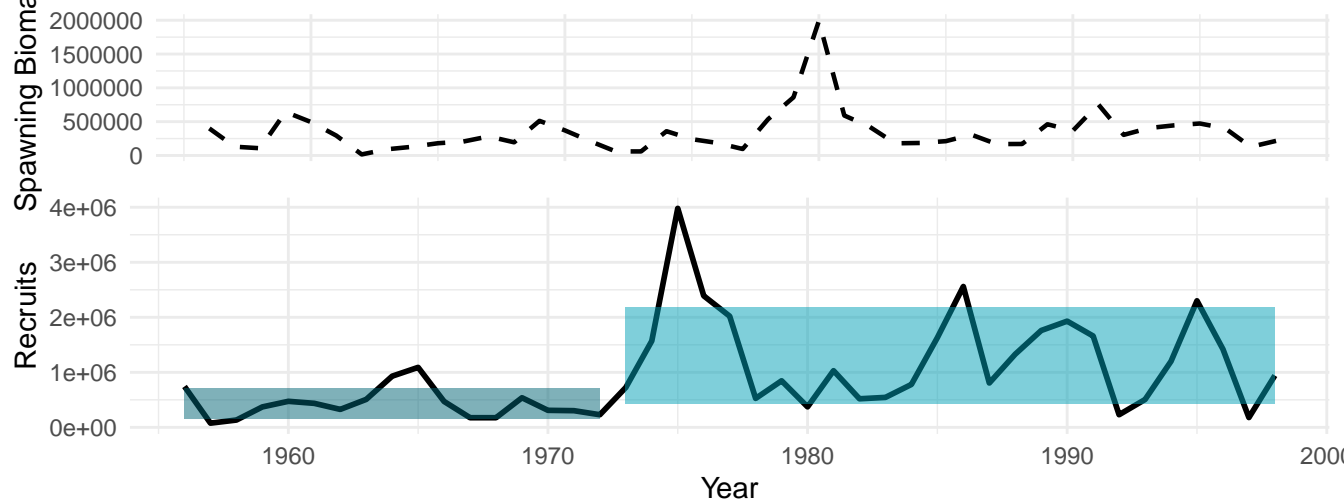


Sockeye salmon

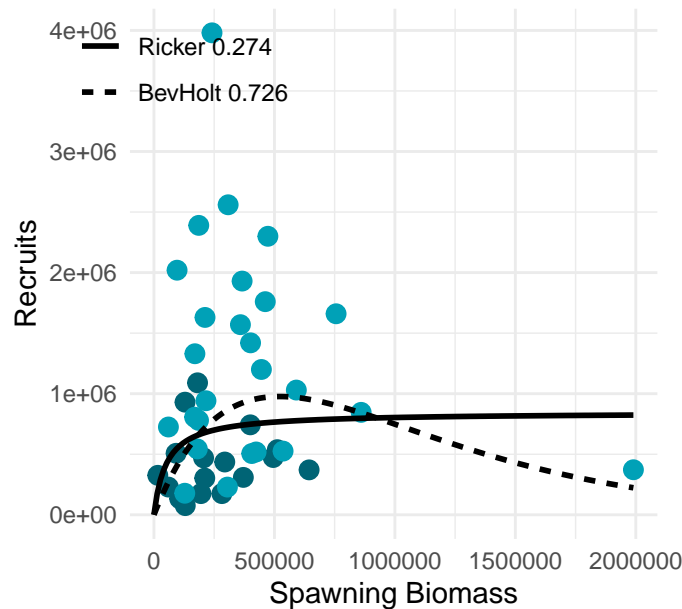
Oncorhynchus nerka

Area ID: USA-AKSTATE-IGUSHIK

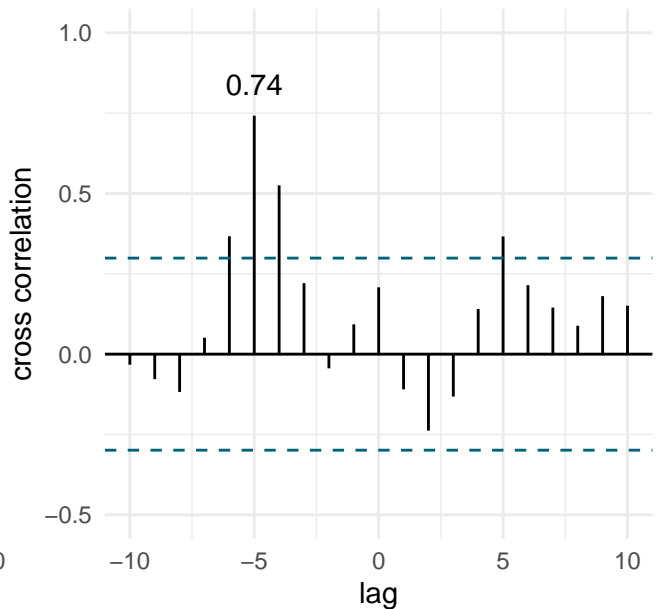
(a)



(b)



(c)

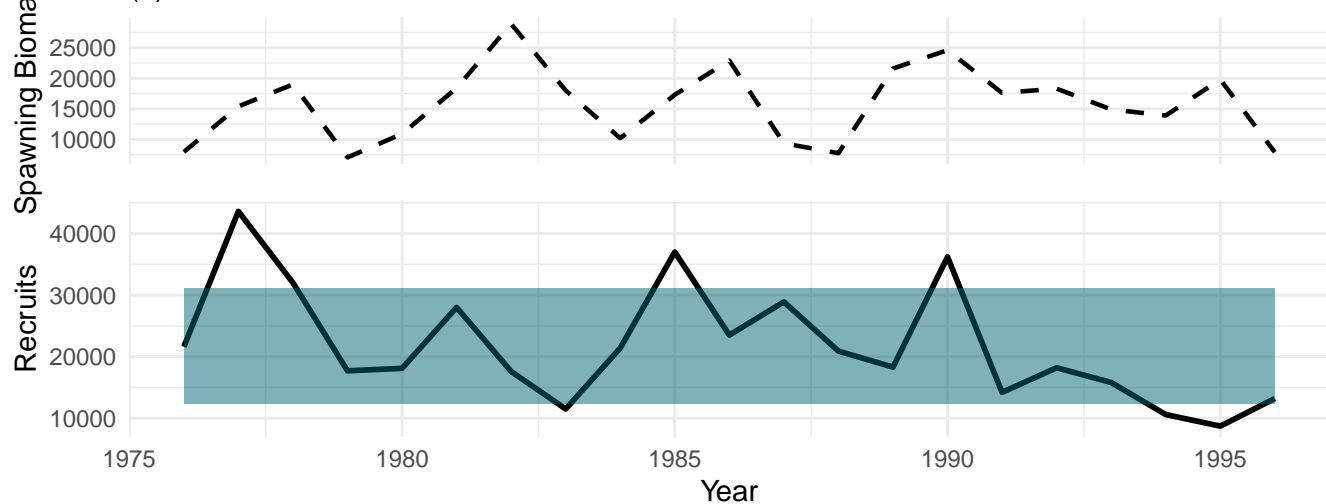


Sockeye salmon

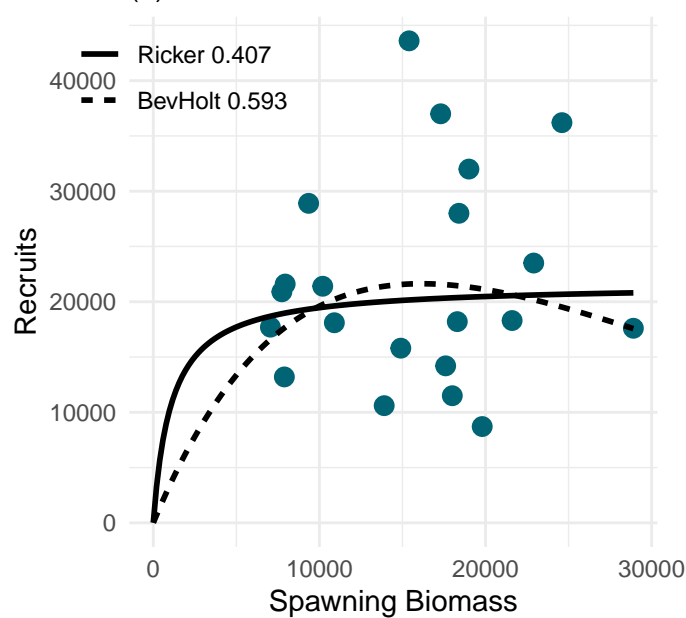
Oncorhynchus nerka

Area ID: USA-AKSTATE-KLUKSHUR

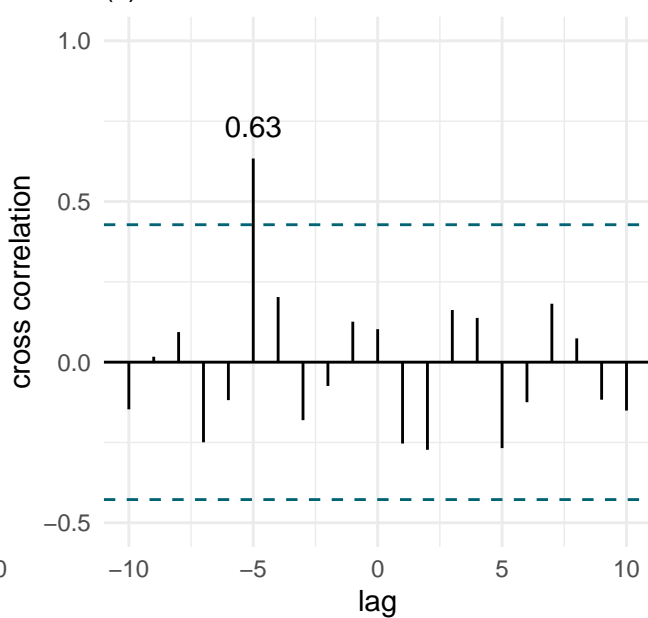
(a)



(b)



(c)

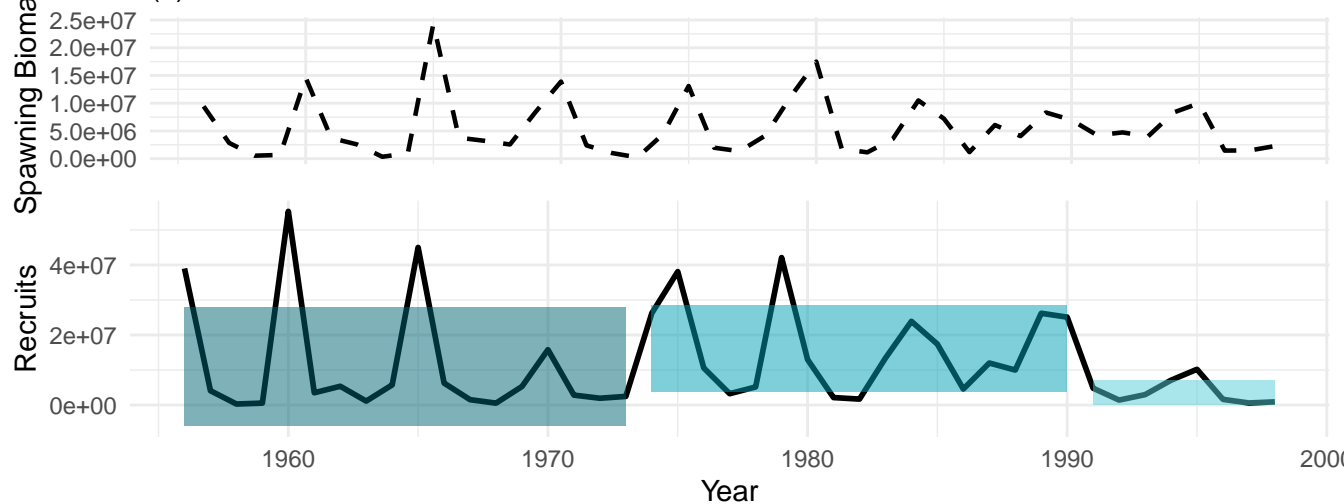


Sockeye salmon

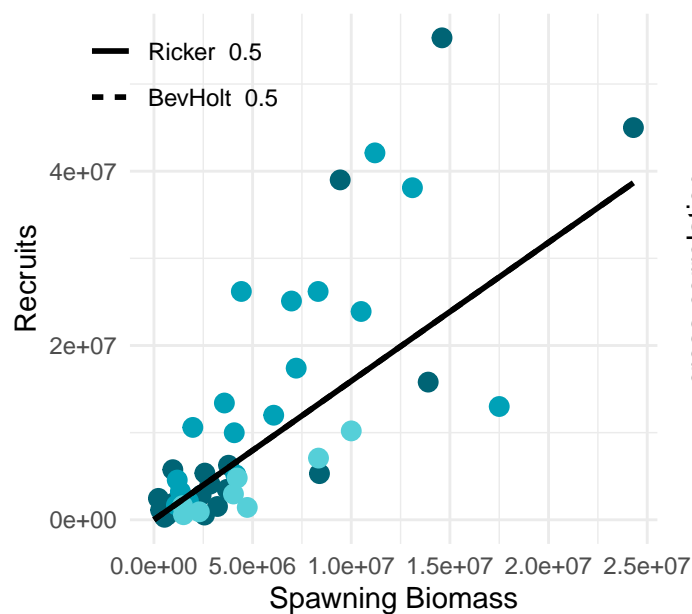
Oncorhynchus nerka

Area ID: USA-AKSTATE-KVICHAK

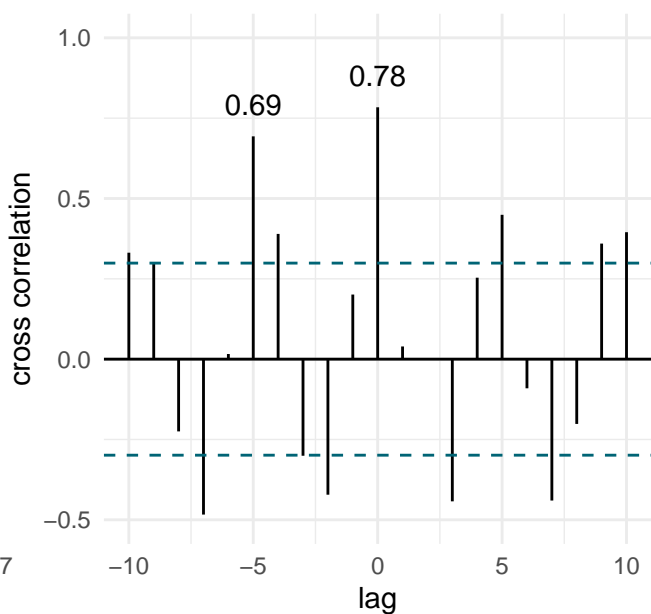
(a)



(b)



(c)

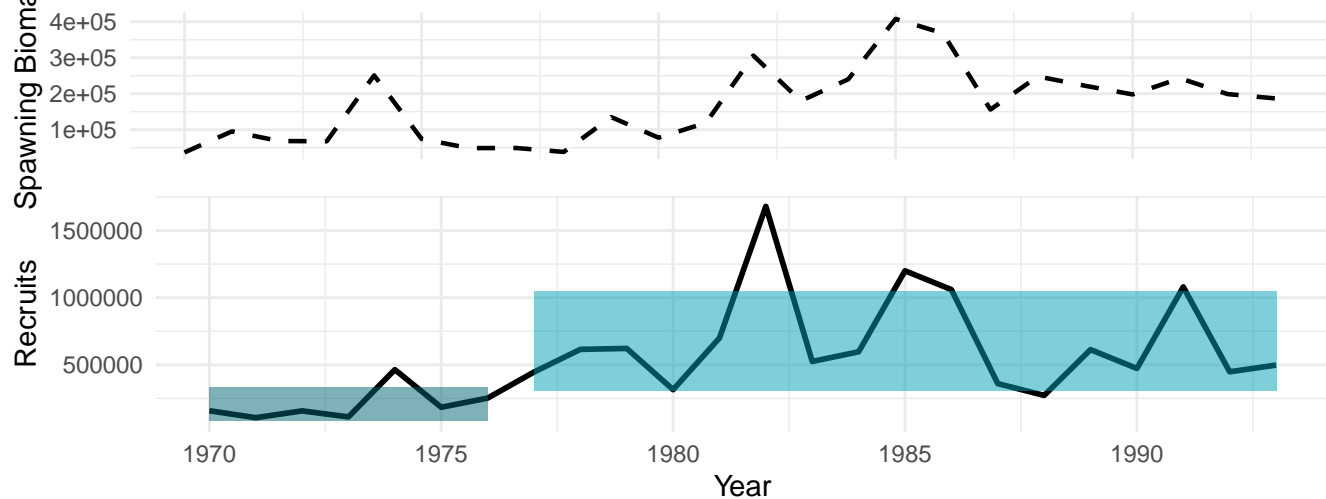


Sockeye salmon

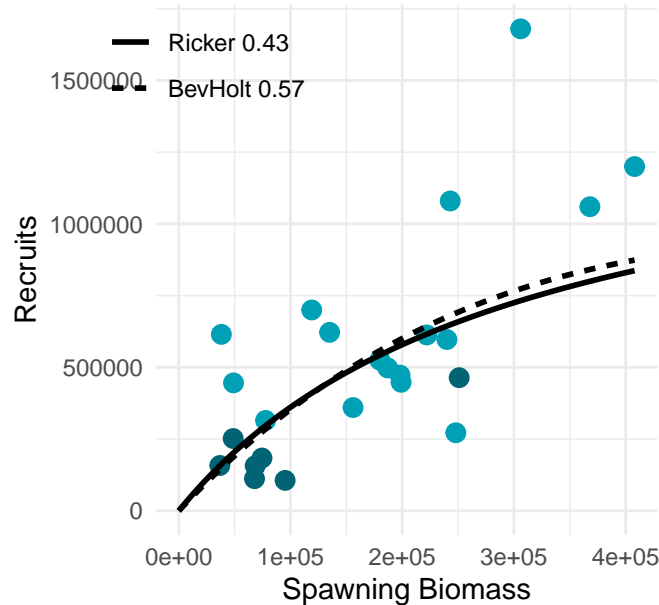
Oncorhynchus nerka

Area ID: USA-AKSTATE-LUPPERS

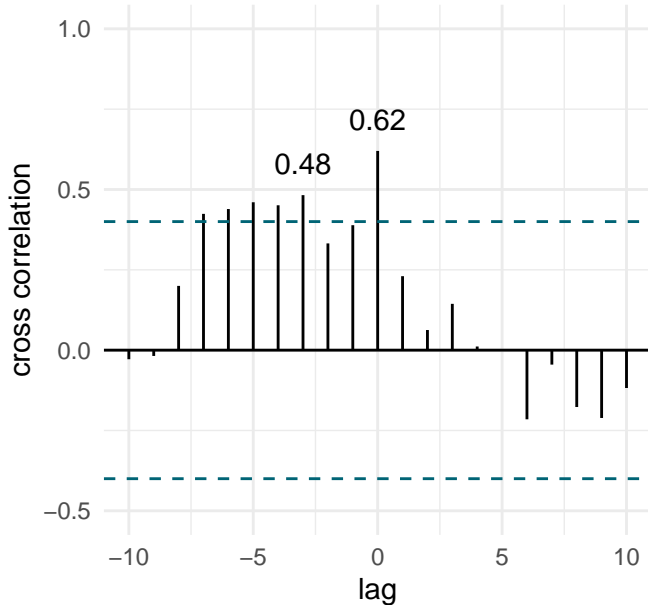
(a)



(b)



(c)

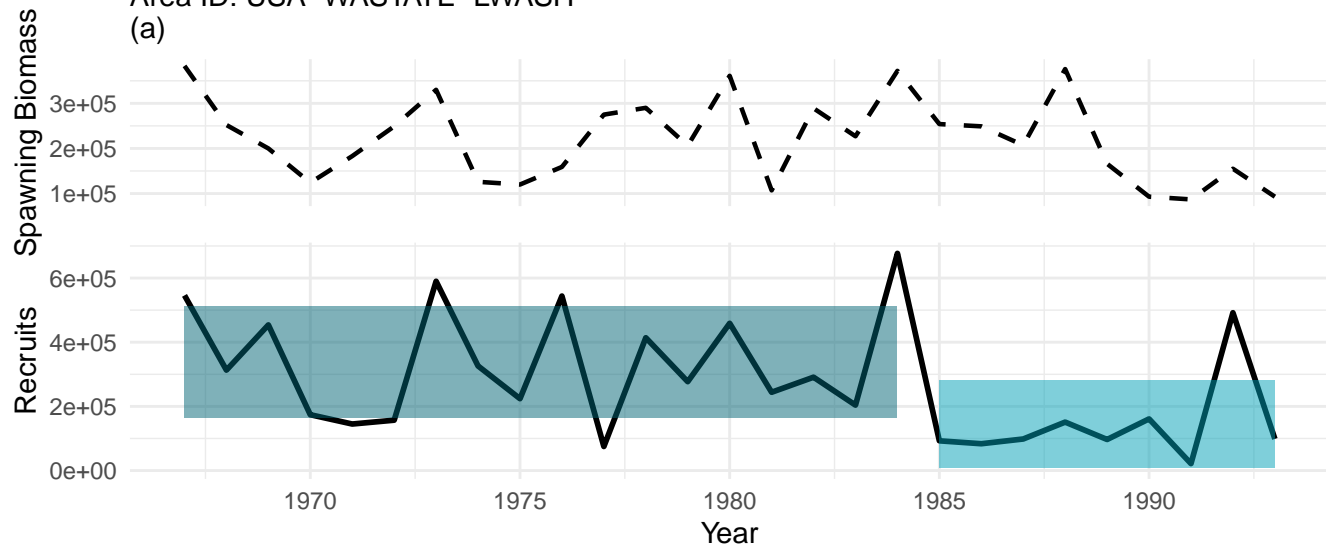


Sockeye salmon

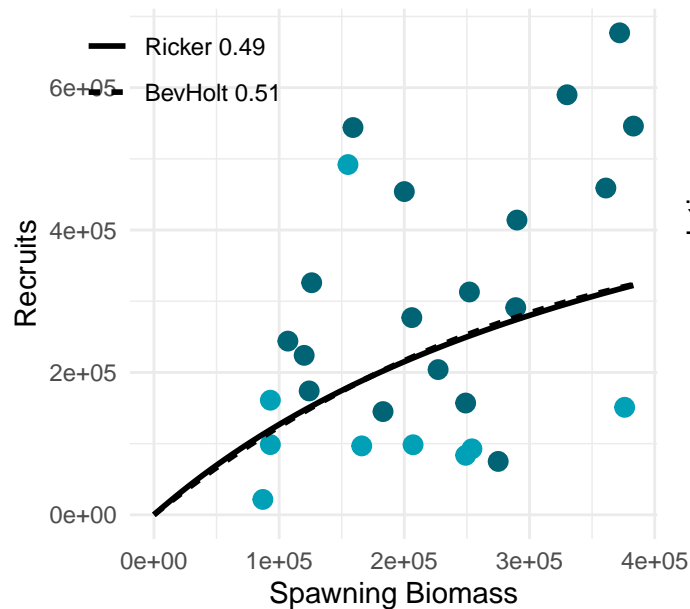
Oncorhynchus nerka

Area ID: USA-WASTATE-LWASH

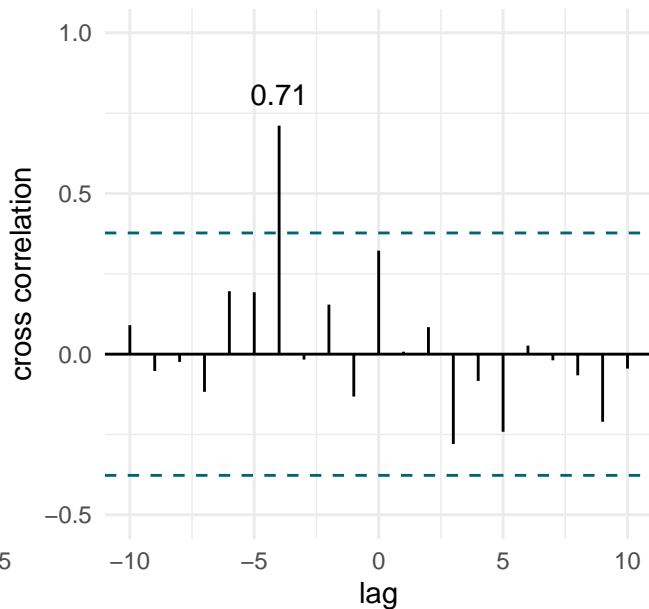
(a)



(b)



(c)

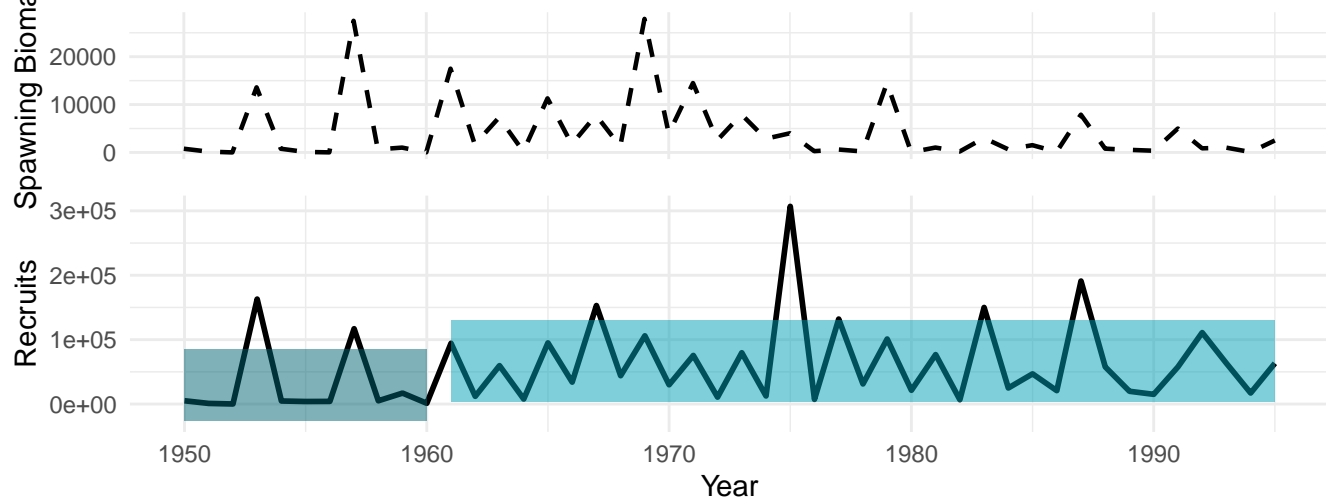


Sockeye salmon

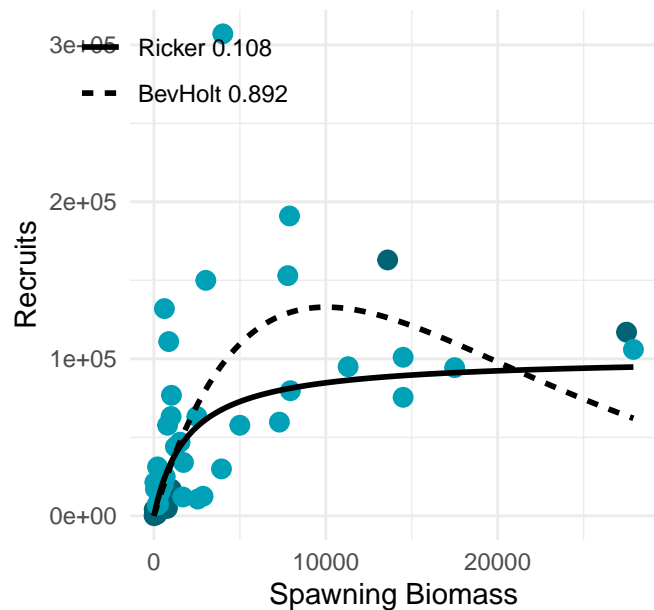
Oncorhynchus nerka

Area ID: Canada-DFO-NADINA

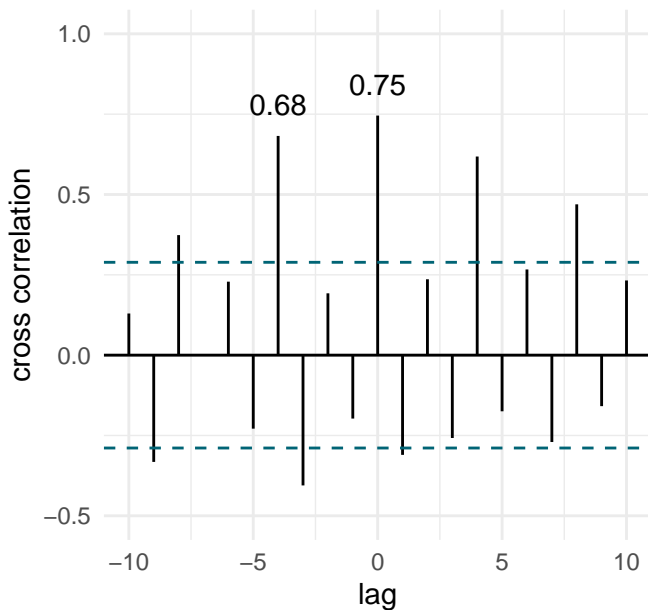
(a)



(b)



(c)

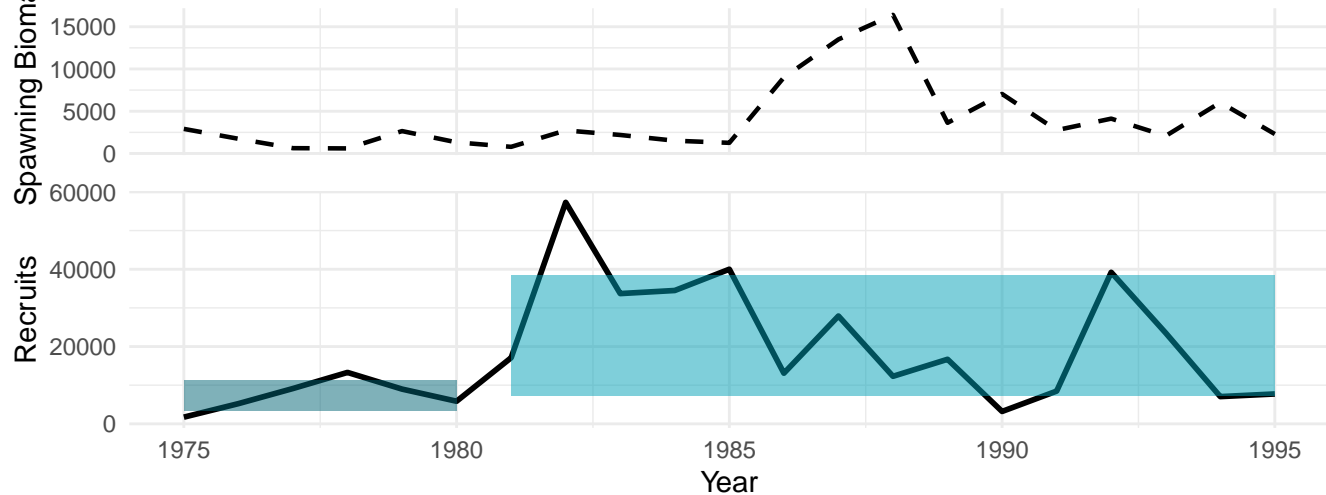


Sockeye salmon

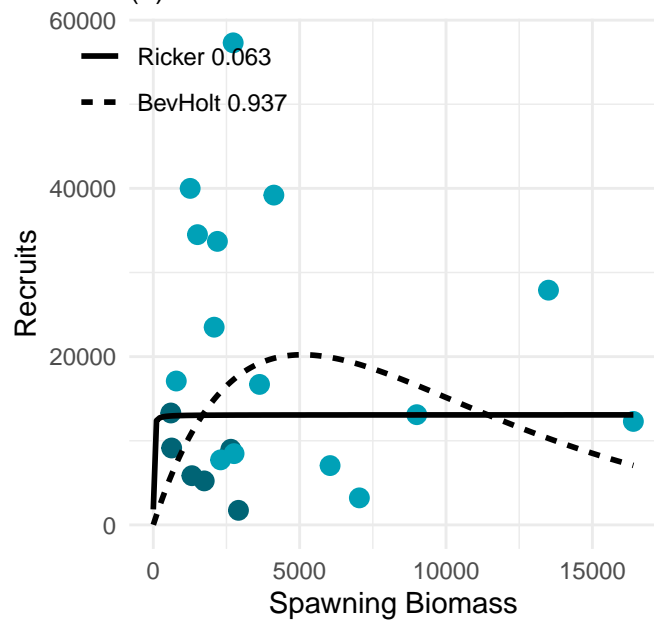
Oncorhynchus nerka

Area ID: Canada-DFO-NAHANTLATCH

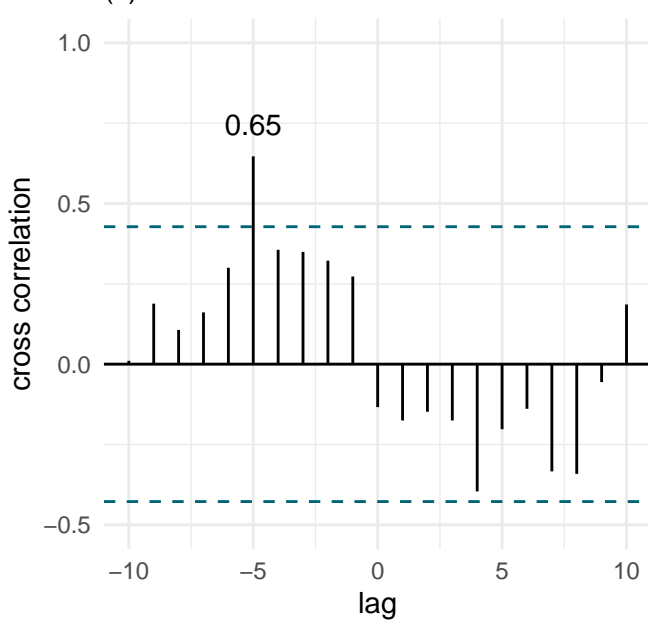
(a)



(b)



(c)

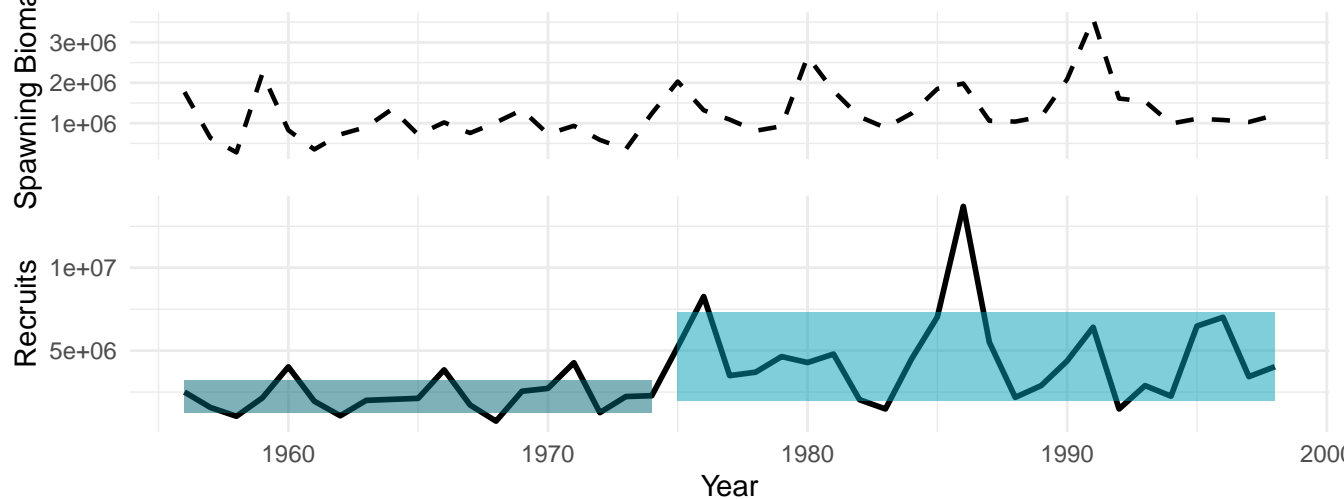


Sockeye salmon

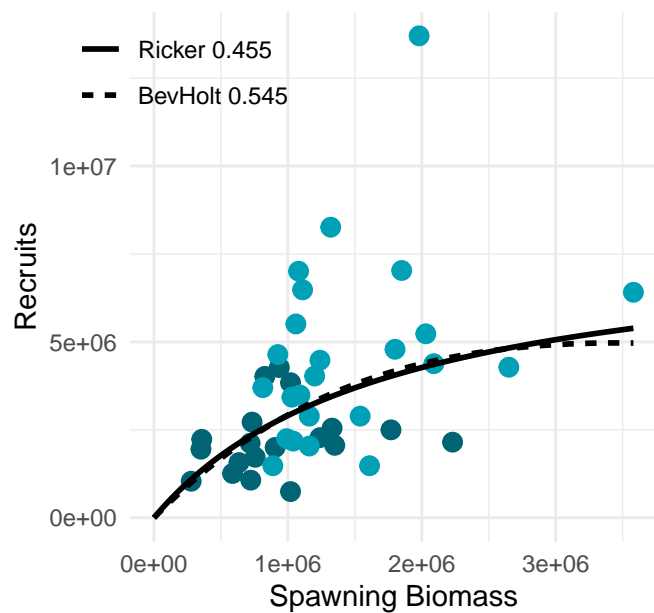
Oncorhynchus nerka

Area ID: USA-AKSTATE-NAKNEK

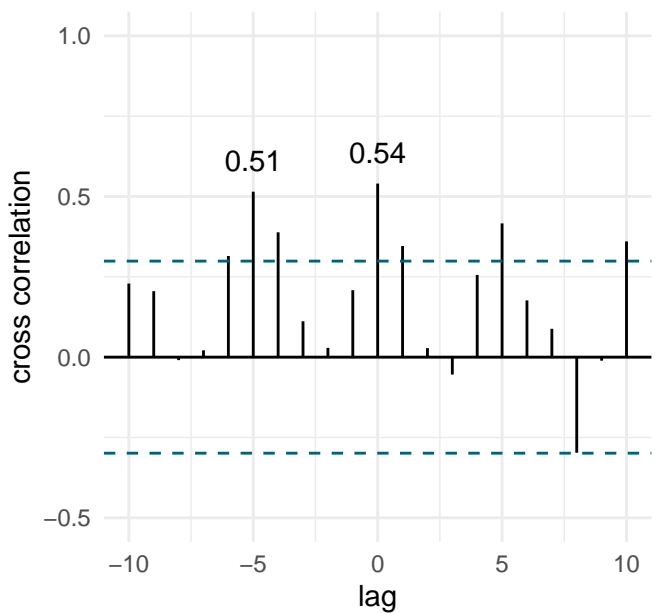
(a)



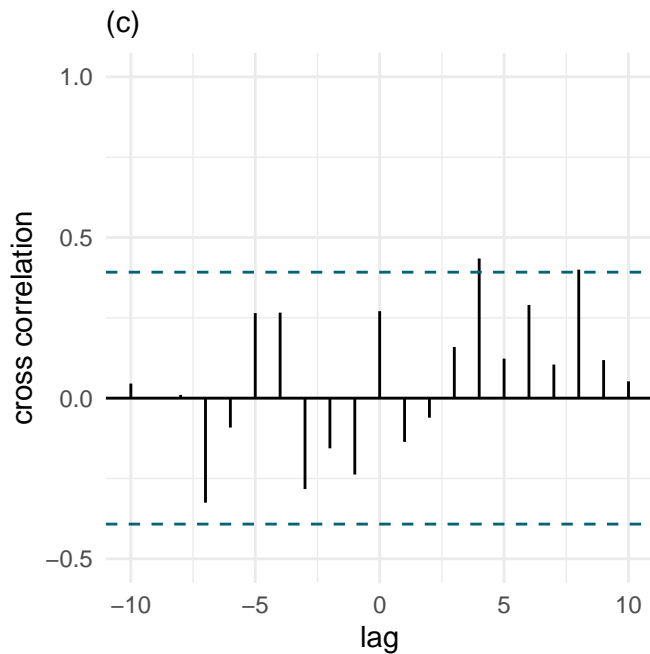
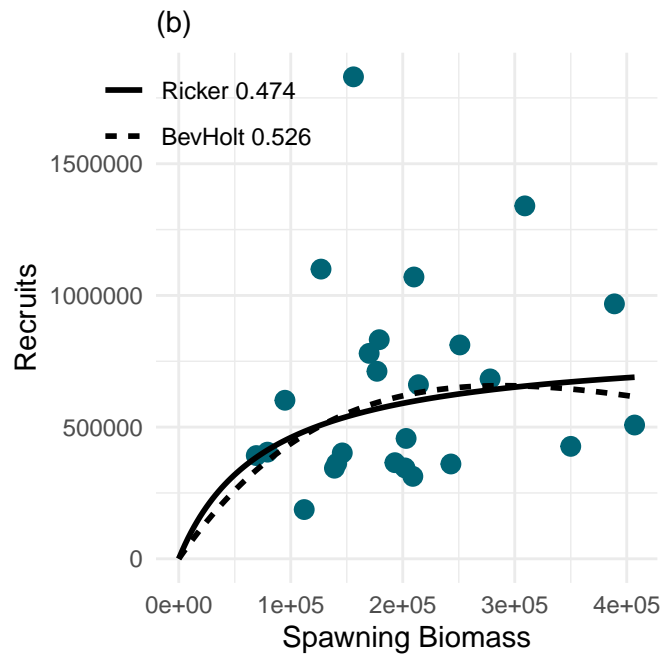
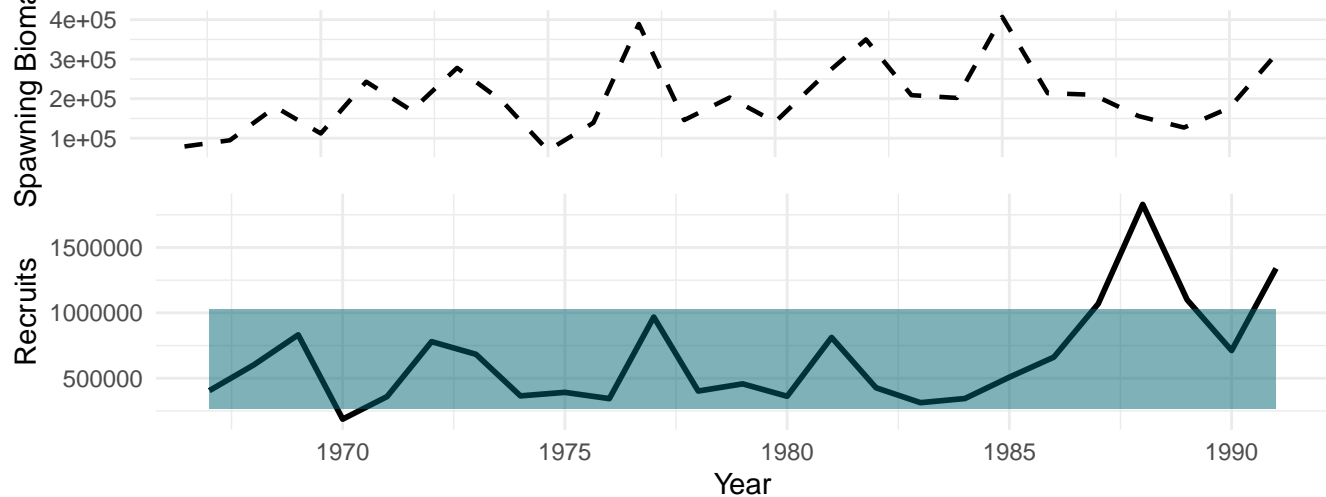
(b)



(c)



Sockeye salmon
Oncorhynchus nerka
Area ID: Canada-DFO-NASS
(a)

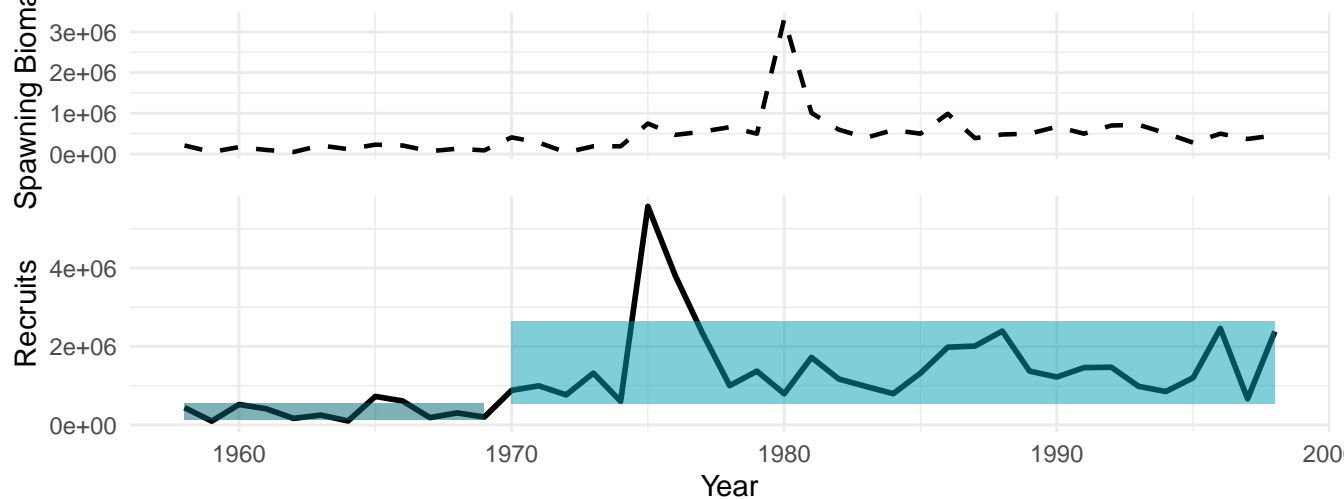


Sockeye salmon

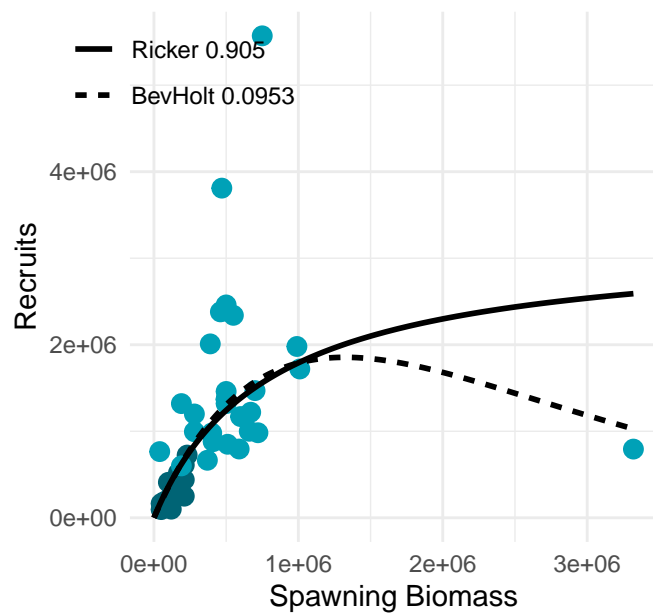
Oncorhynchus nerka

Area ID: USA-AKSTATE-NUSHAGAK

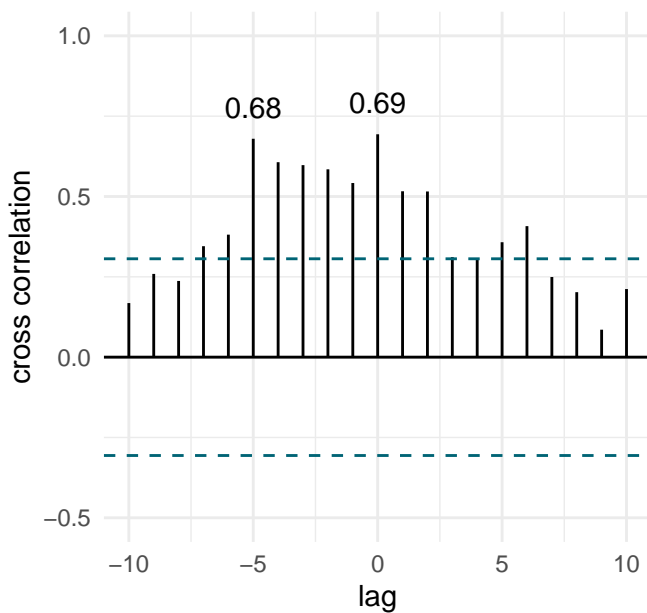
(a)



(b)



(c)

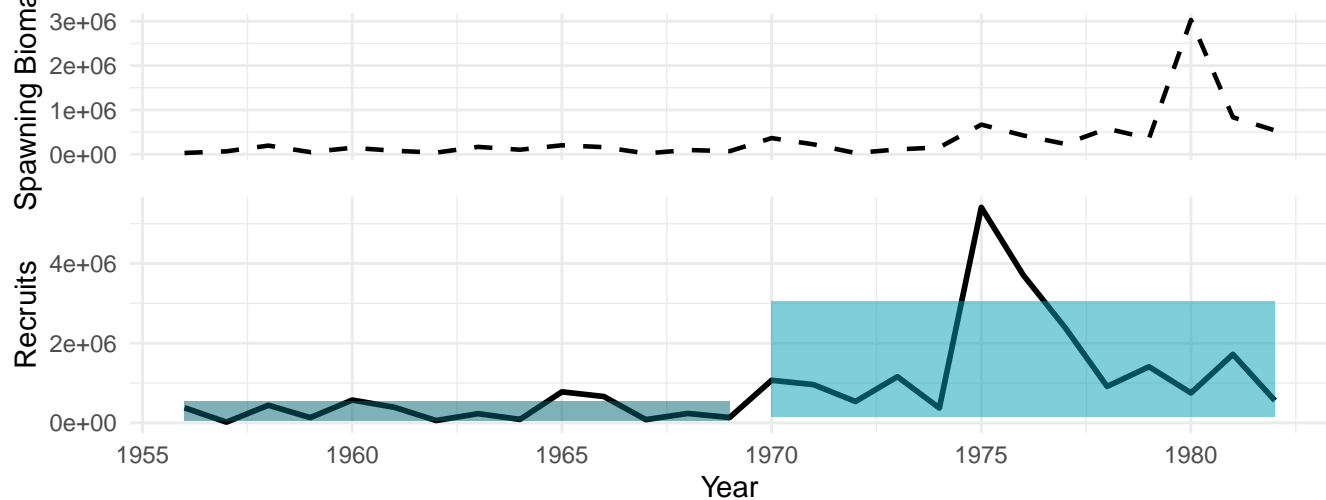


Sockeye salmon

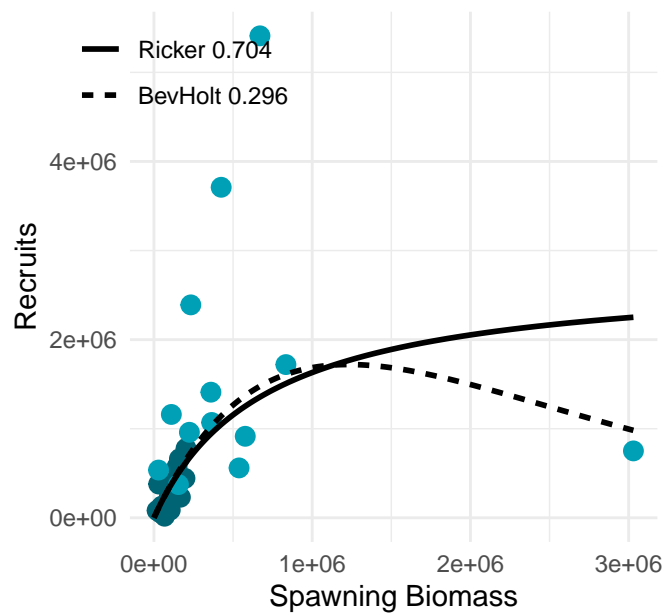
Oncorhynchus nerka

Area ID: USA-AKSTATE-NUYAKUK

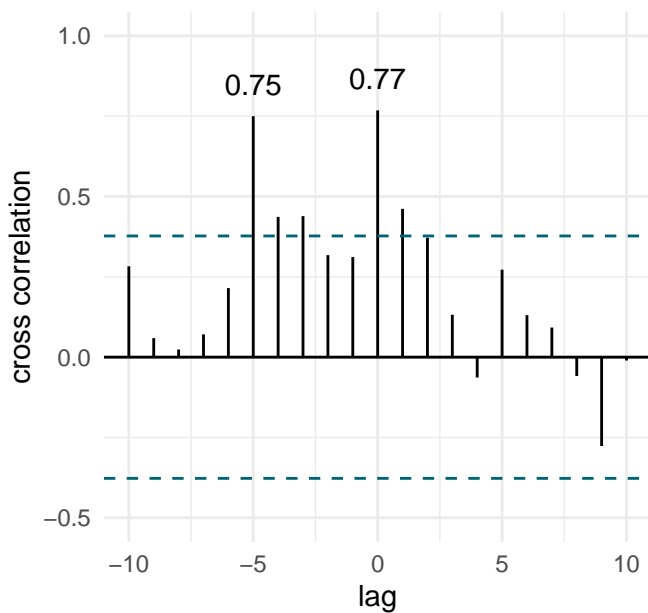
(a)



(b)



(c)

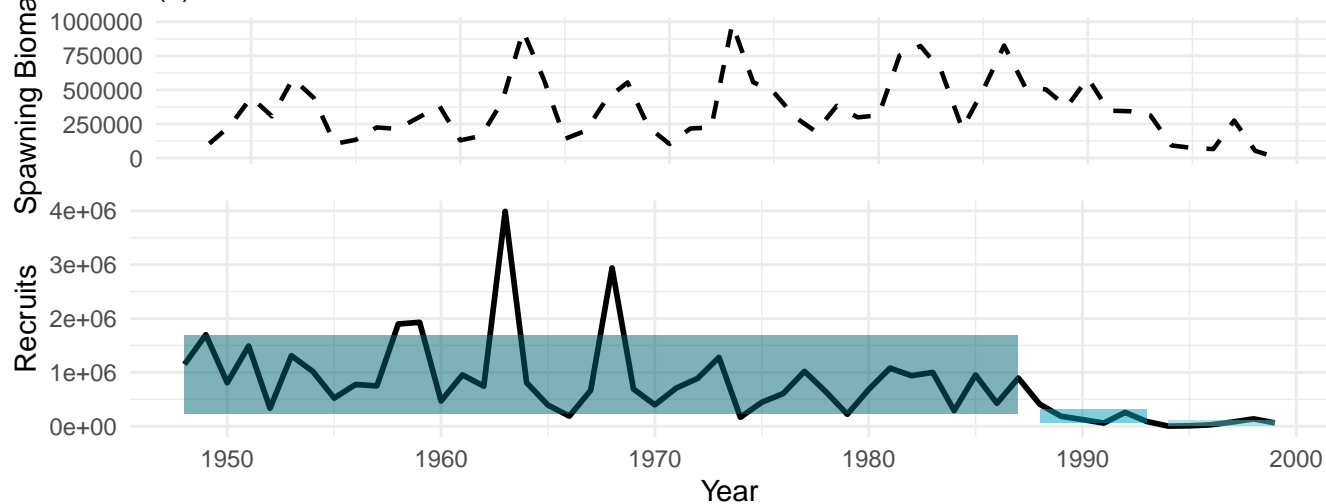


Sockeye salmon

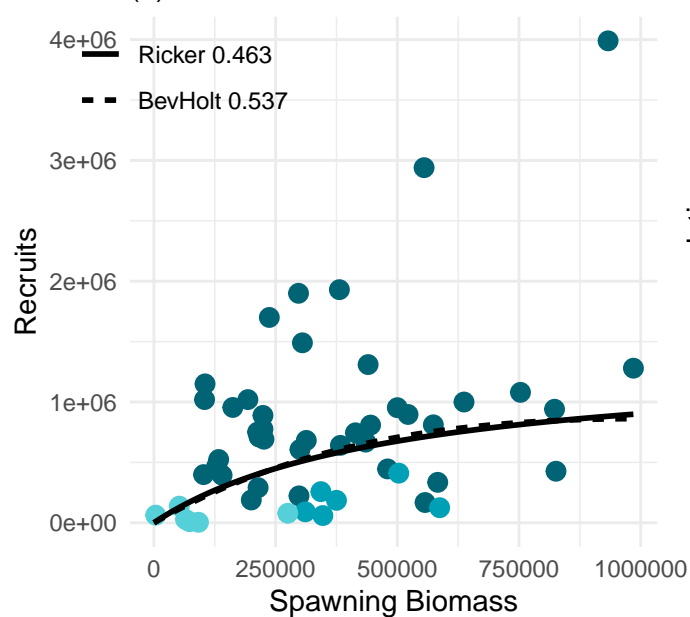
Oncorhynchus nerka

Area ID: Canada-DFO-OWIKENOL

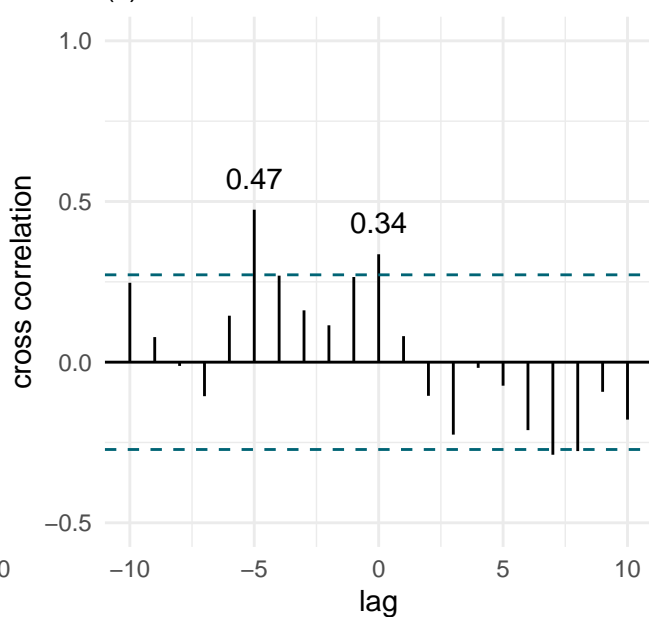
(a)



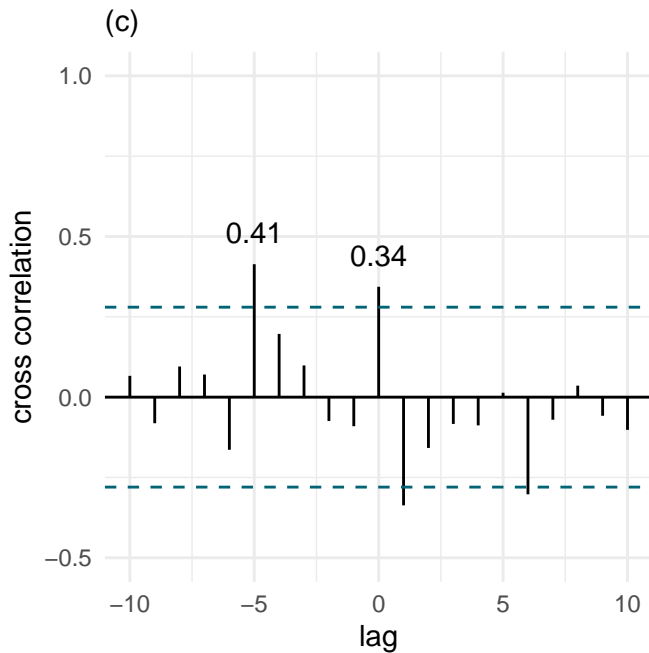
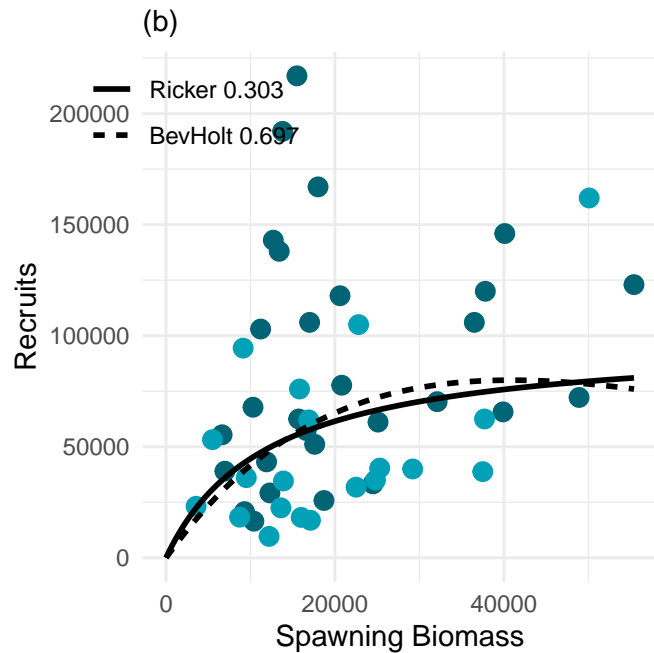
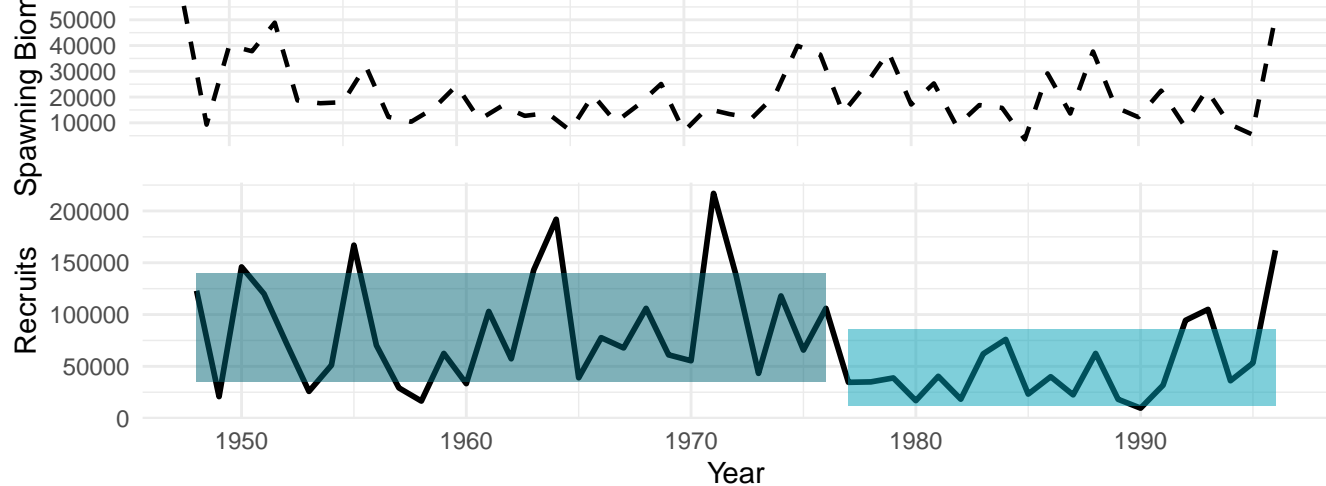
(b)



(c)



Sockeye salmon
Oncorhynchus nerka
Area ID: Canada-DFO-PITT
(a)

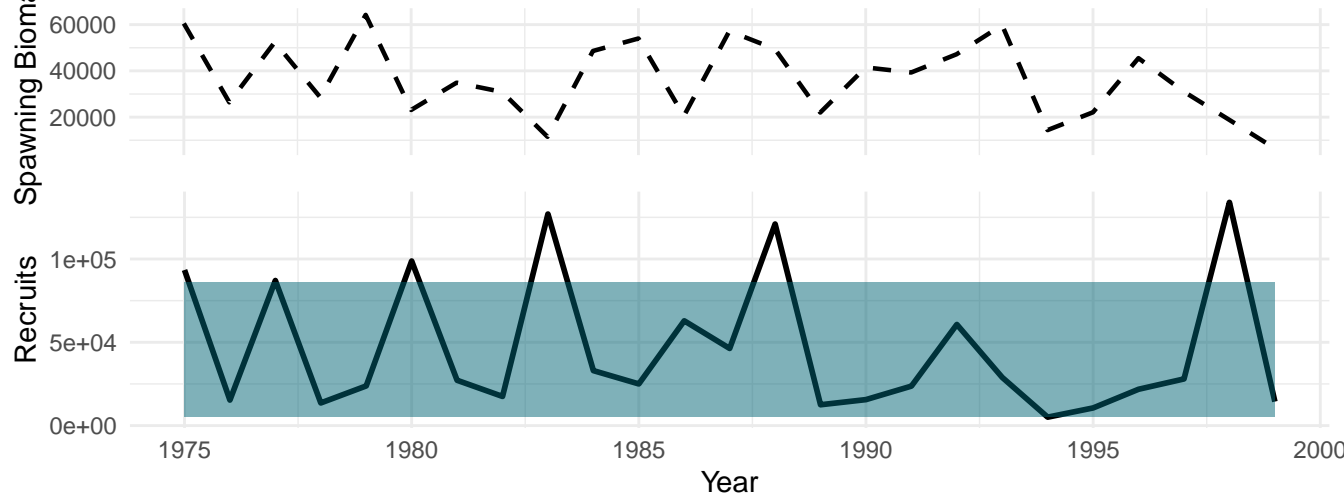


Sockeye salmon

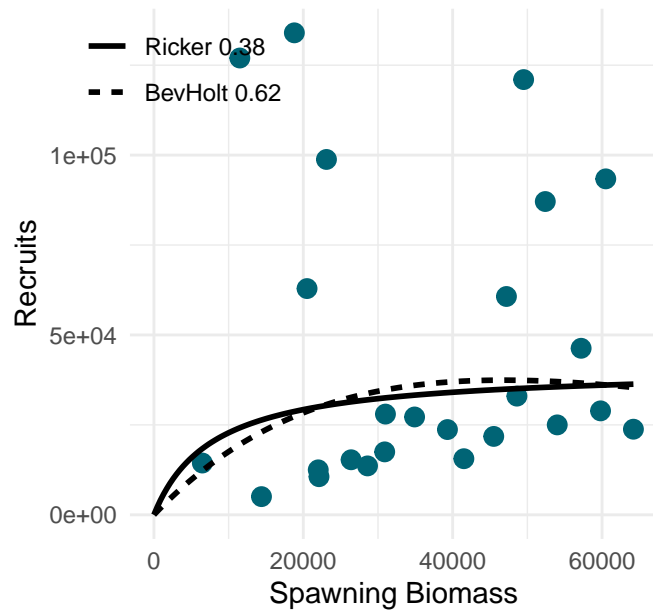
Oncorhynchus nerka

Area ID: USA-WASTATE-QUIN

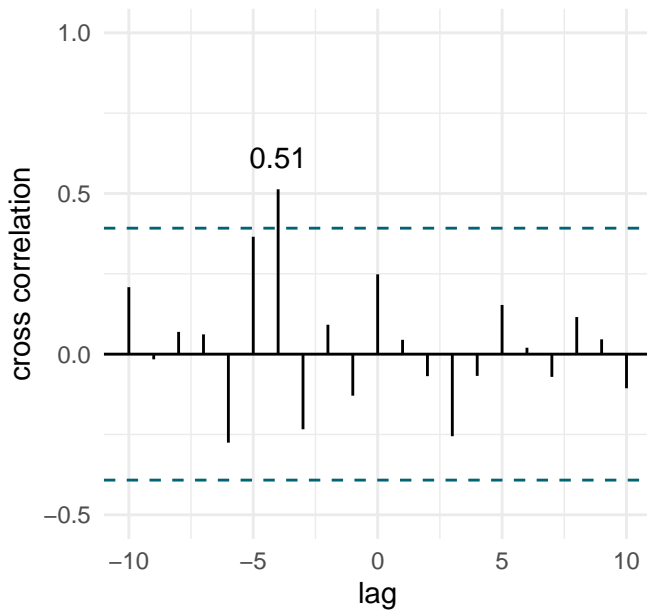
(a)



(b)



(c)

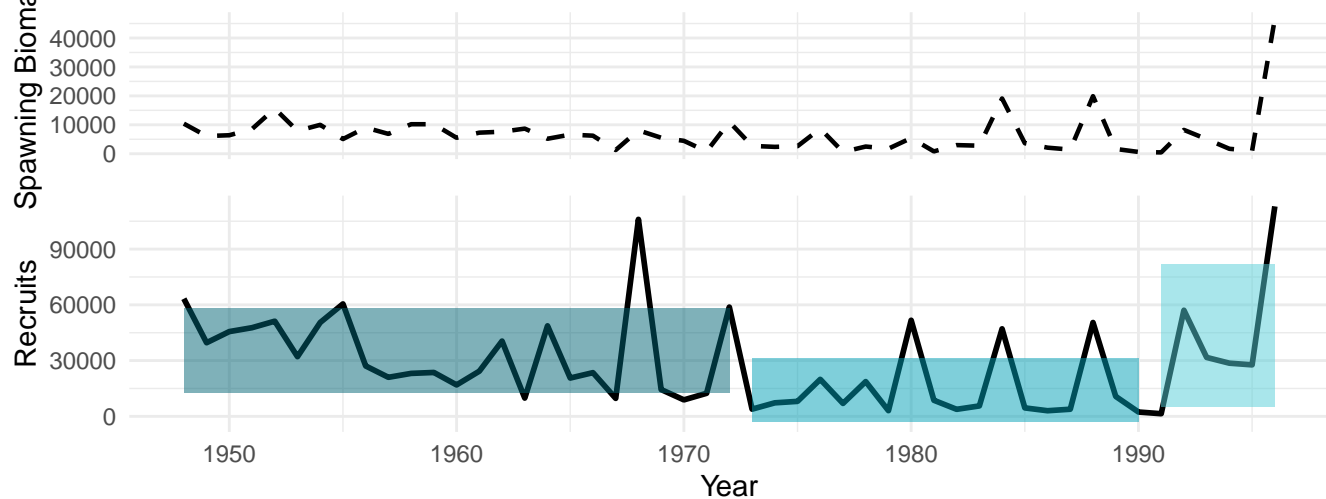


Sockeye salmon

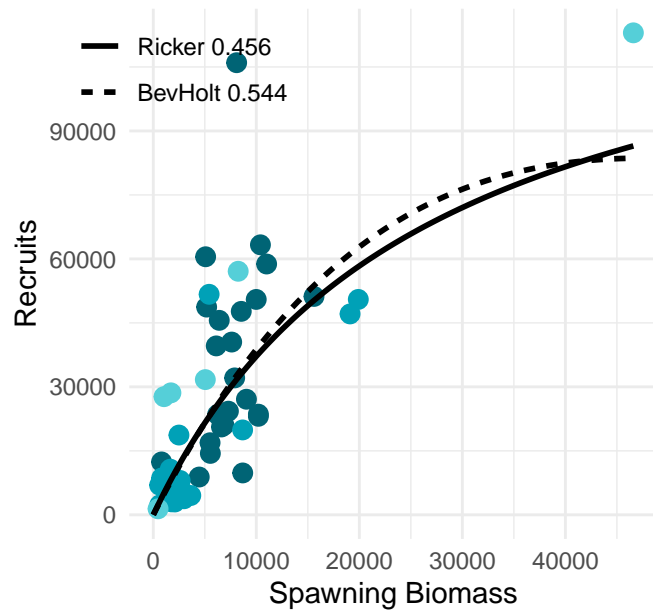
Oncorhynchus nerka

Area ID: Canada-DFO-RAFT

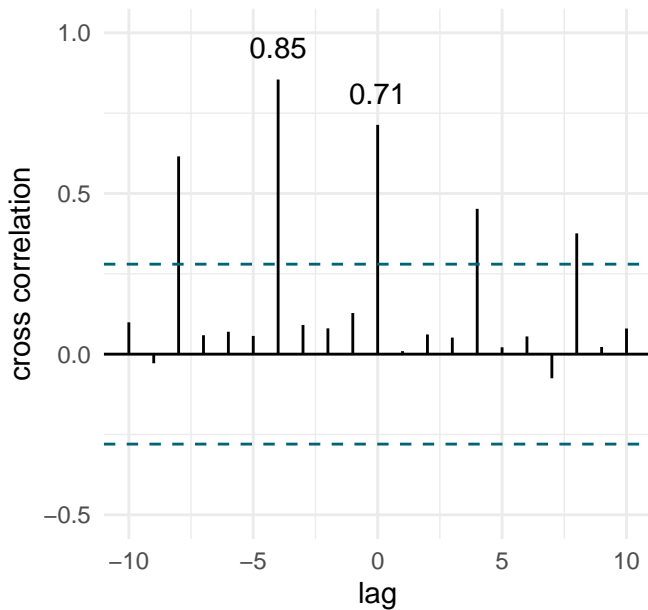
(a)



(b)



(c)

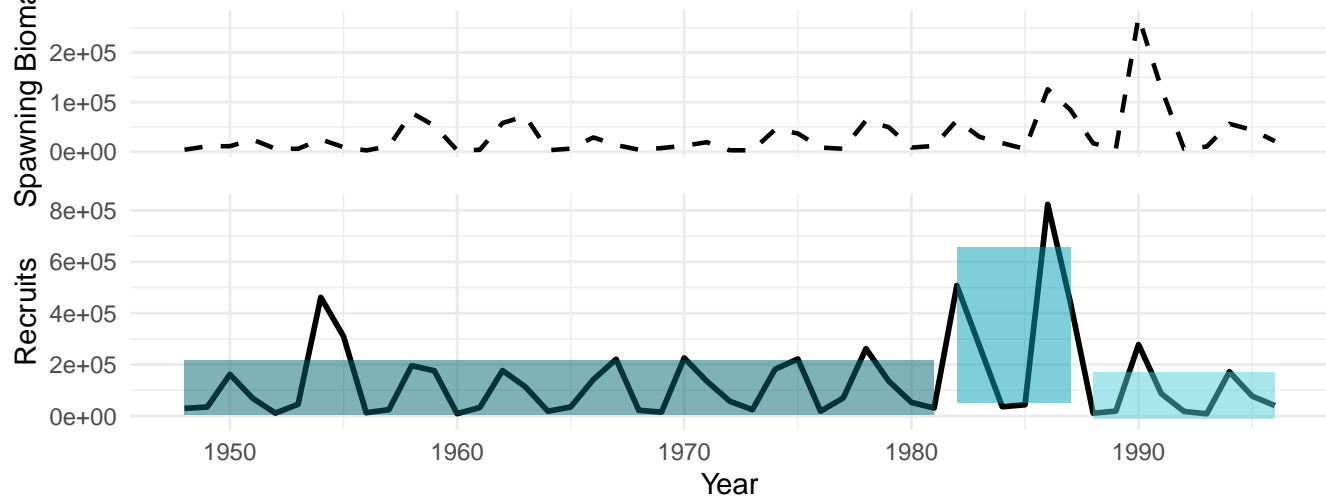


Sockeye salmon

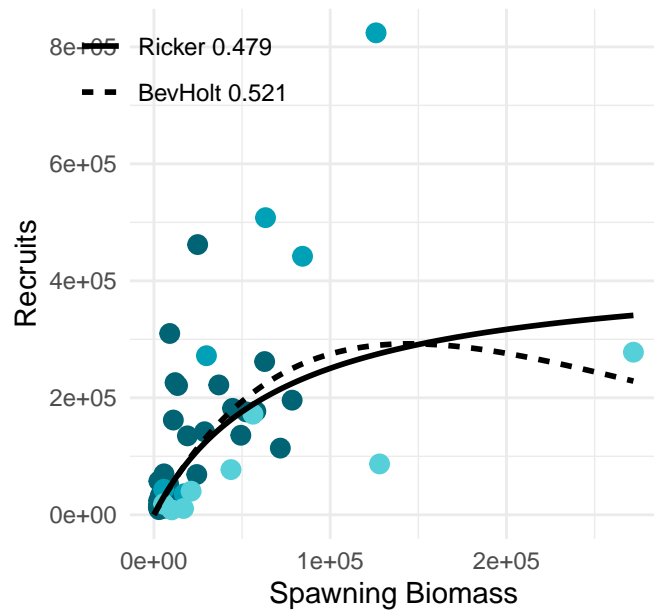
Oncorhynchus nerka

Area ID: Canada-DFO-SEYMOUR

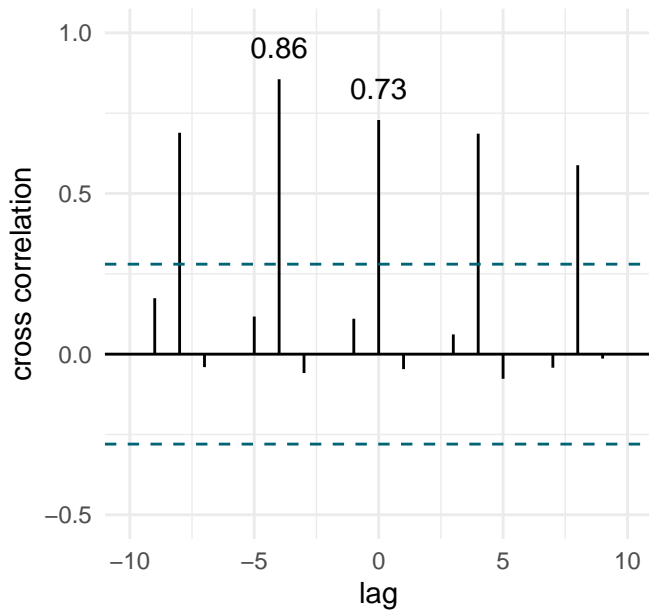
(a)



(b)



(c)

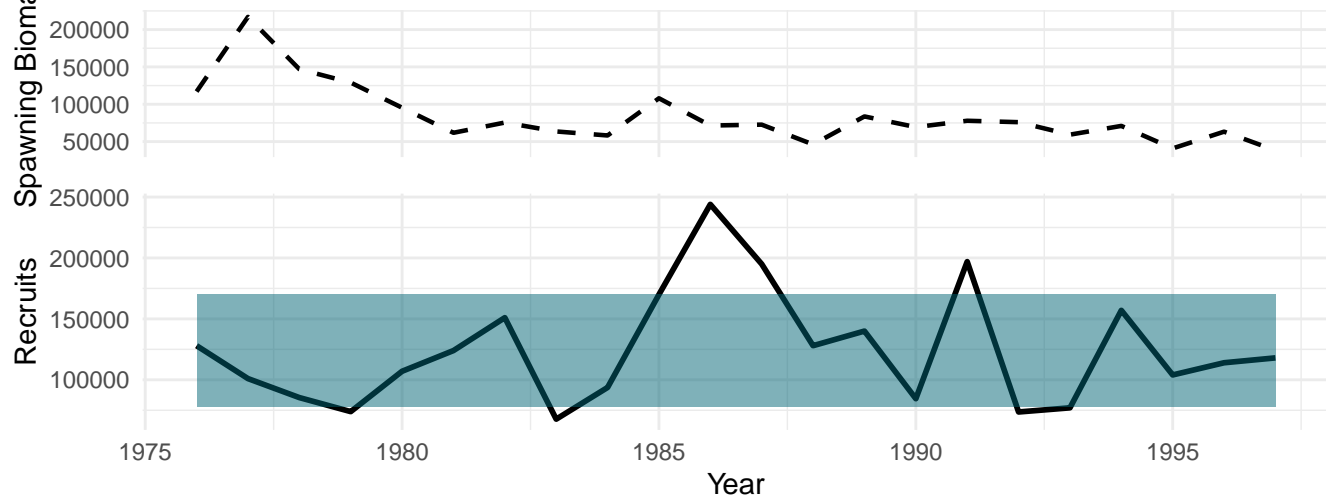


Sockeye salmon

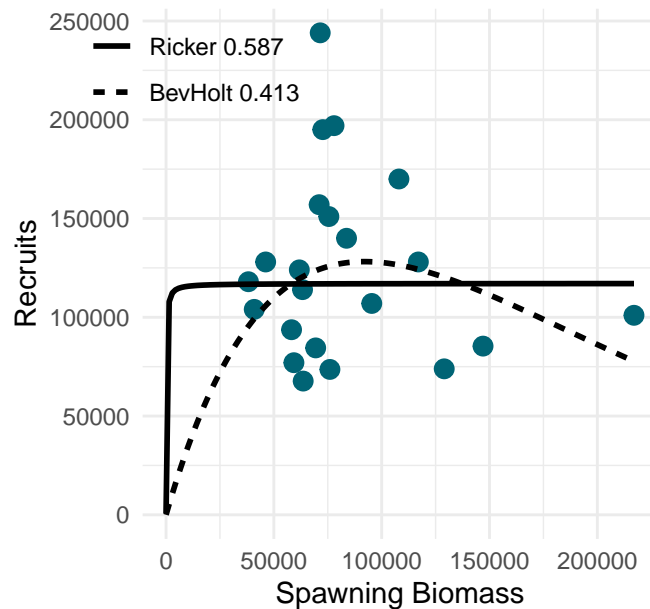
Oncorhynchus nerka

Area ID: USA-AKSTATE-SITUKR

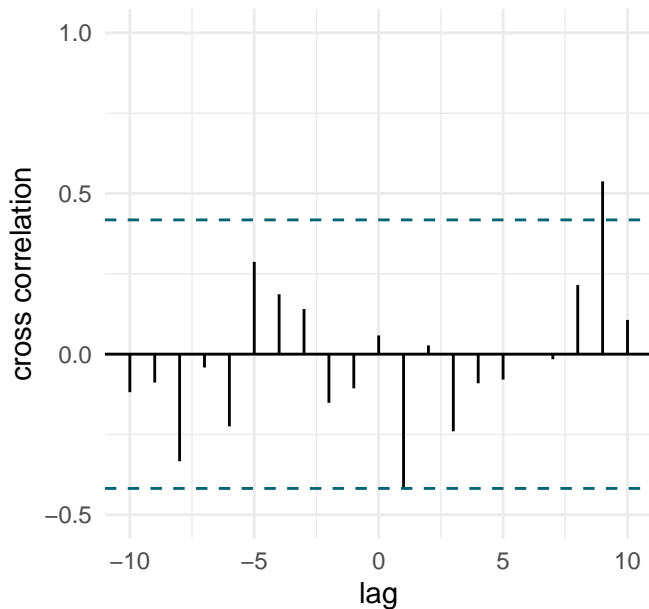
(a)



(b)



(c)

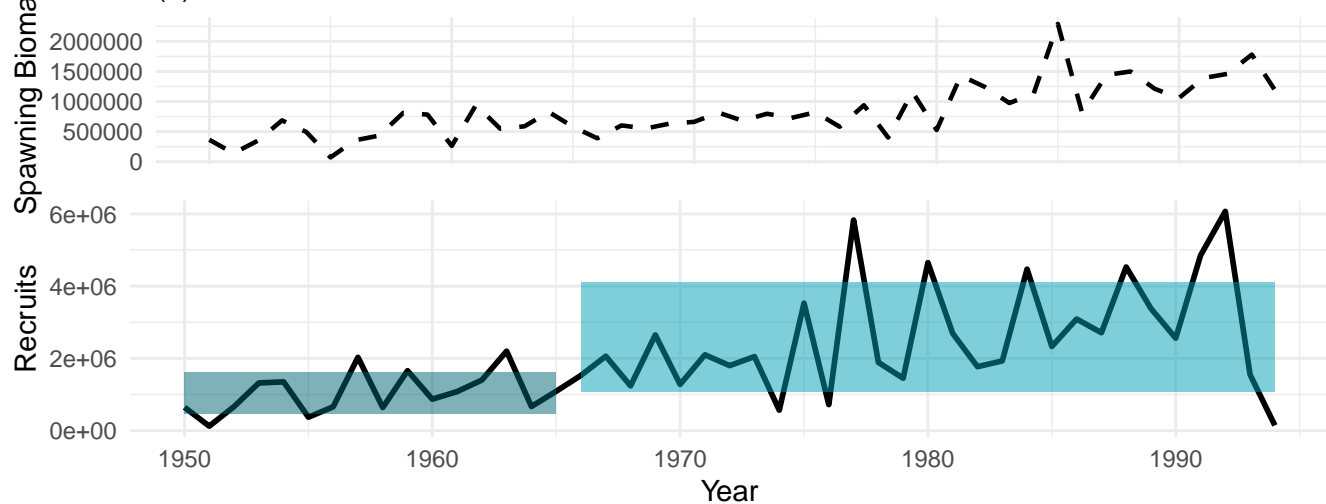


Sockeye salmon

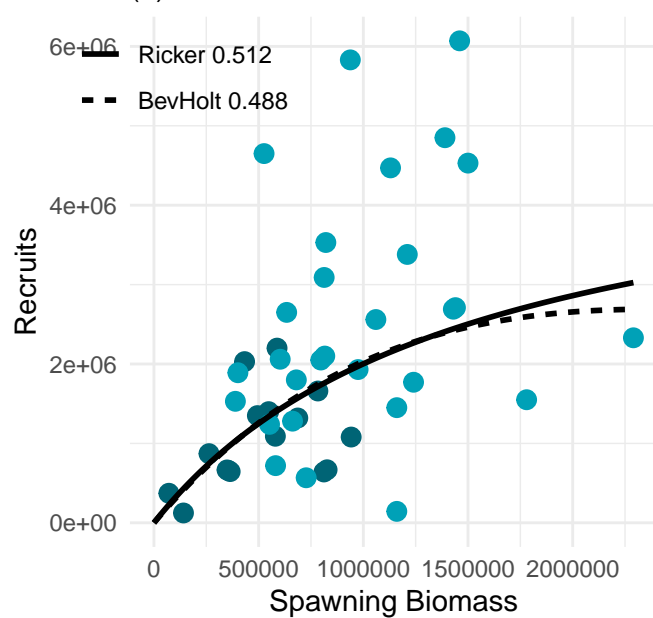
Oncorhynchus nerka

Area ID: Canada-DFO-SKEENA

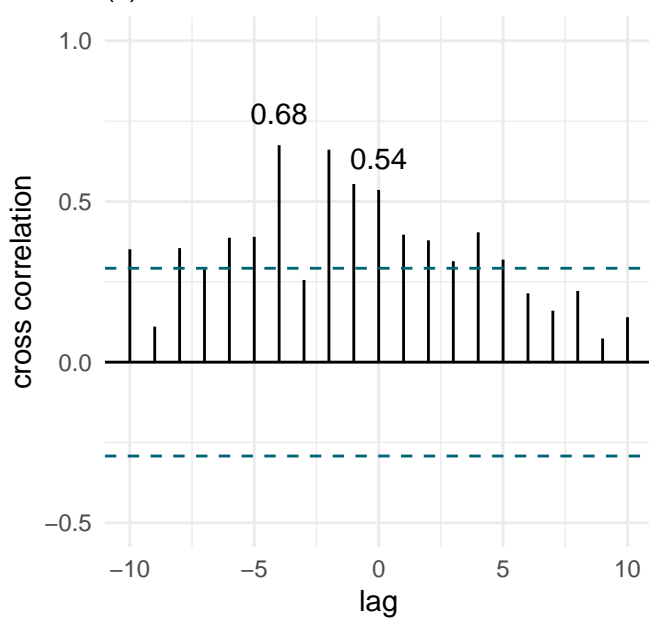
(a)



(b)



(c)

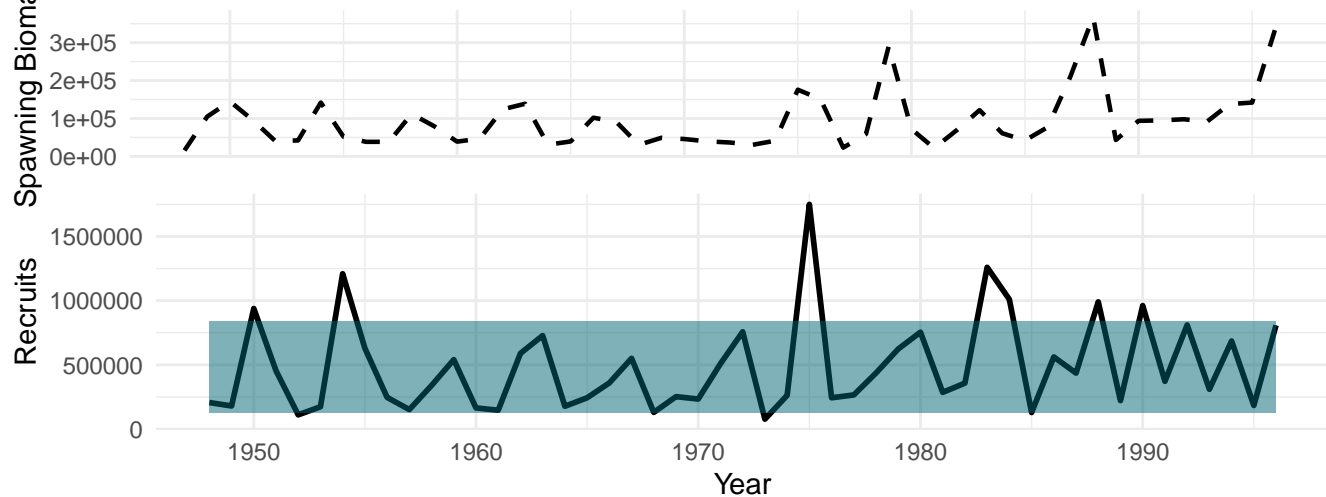


Sockeye salmon

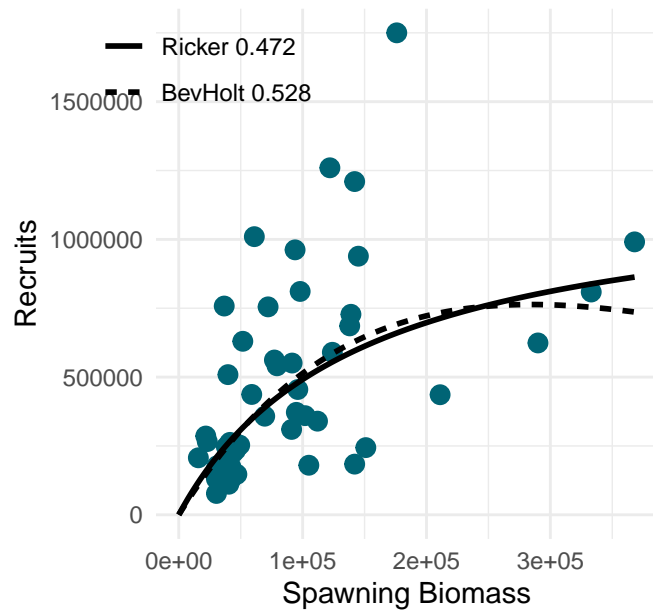
Oncorhynchus nerka

Area ID: Canada-DFO-STELLAKO

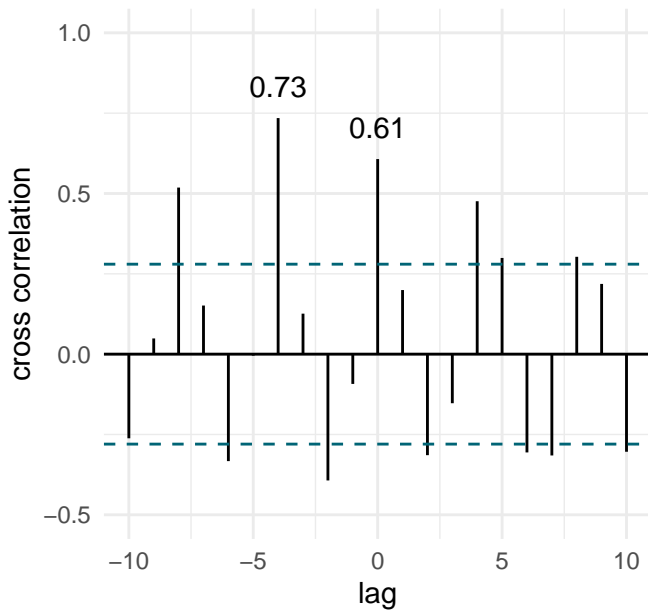
(a)



(b)



(c)

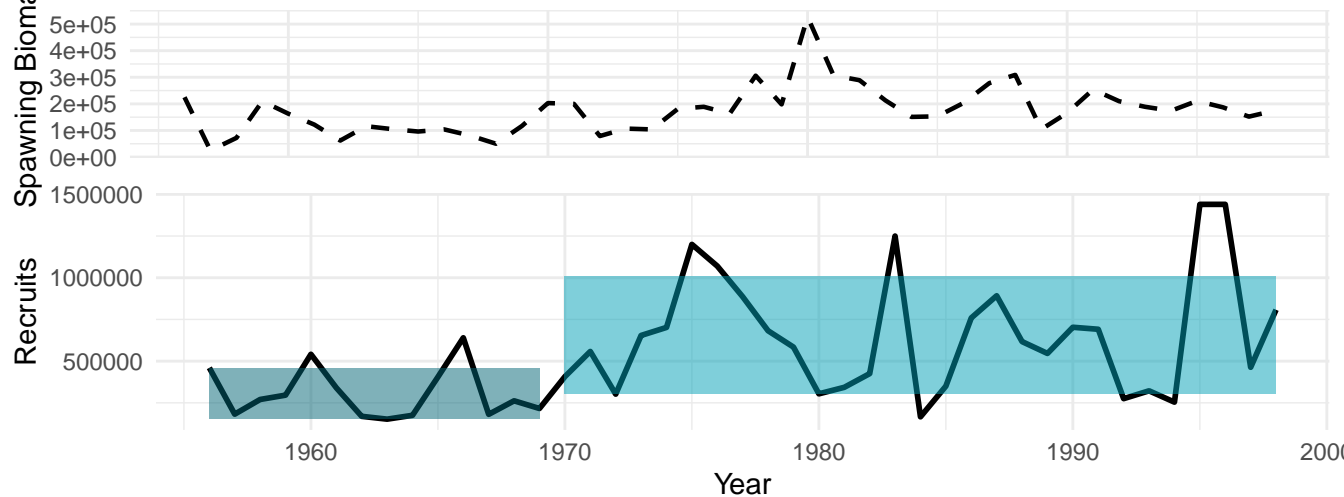


Sockeye salmon

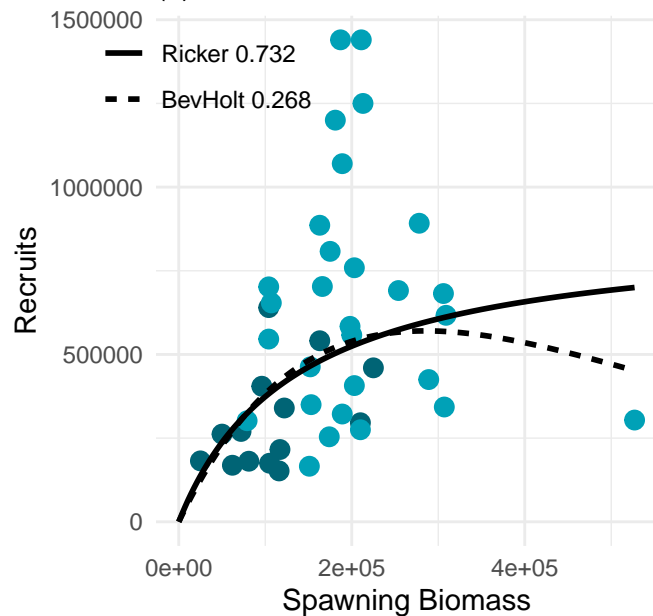
Oncorhynchus nerka

Area ID: USA-AKSTATE-TOGIAK

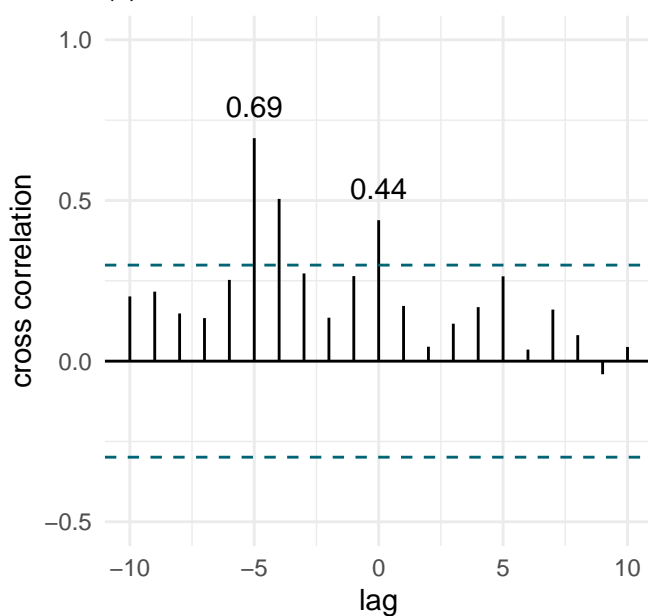
(a)



(b)



(c)

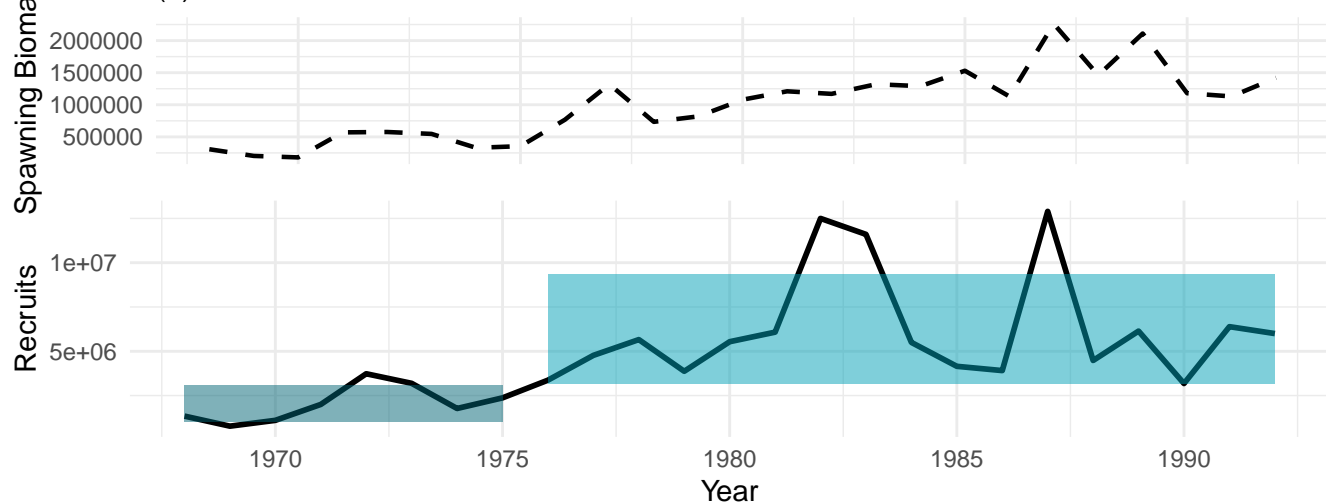


Sockeye salmon

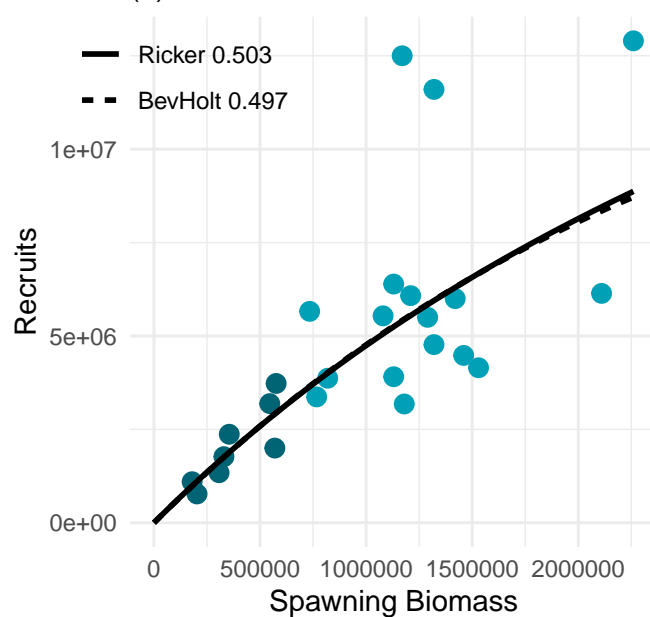
Oncorhynchus nerka

Area ID: USA-AKSTATE-UCOOKI

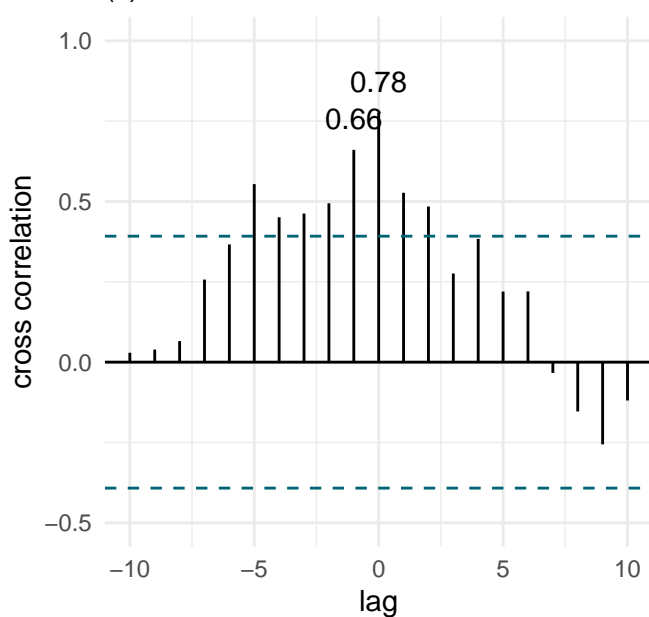
(a)



(b)



(c)

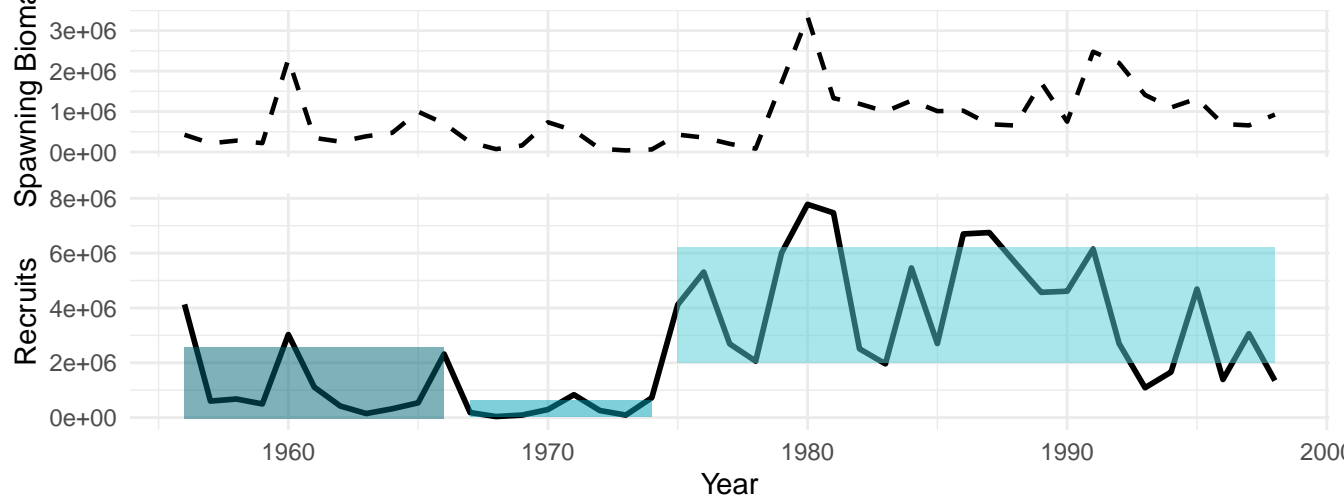


Sockeye salmon

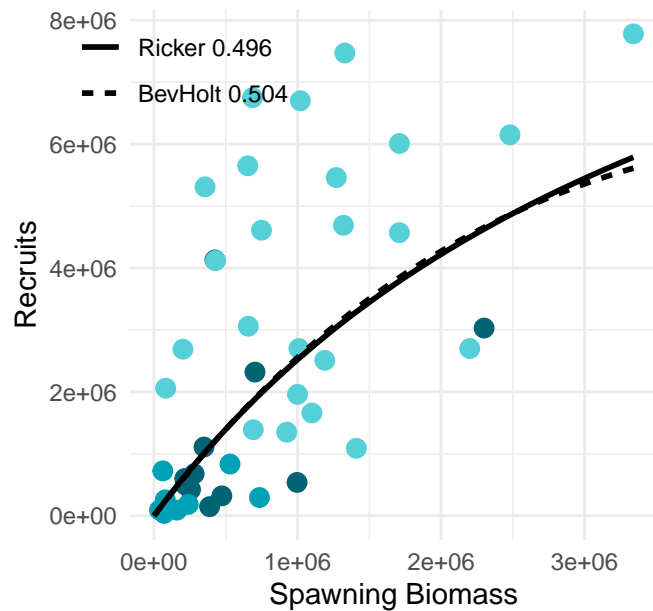
Oncorhynchus nerka

Area ID: USA-AKSTATE-UGASHIK

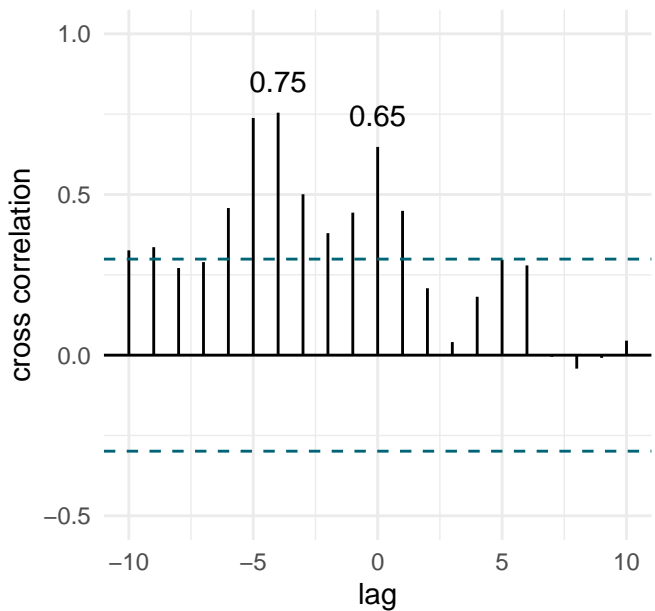
(a)



(b)



(c)

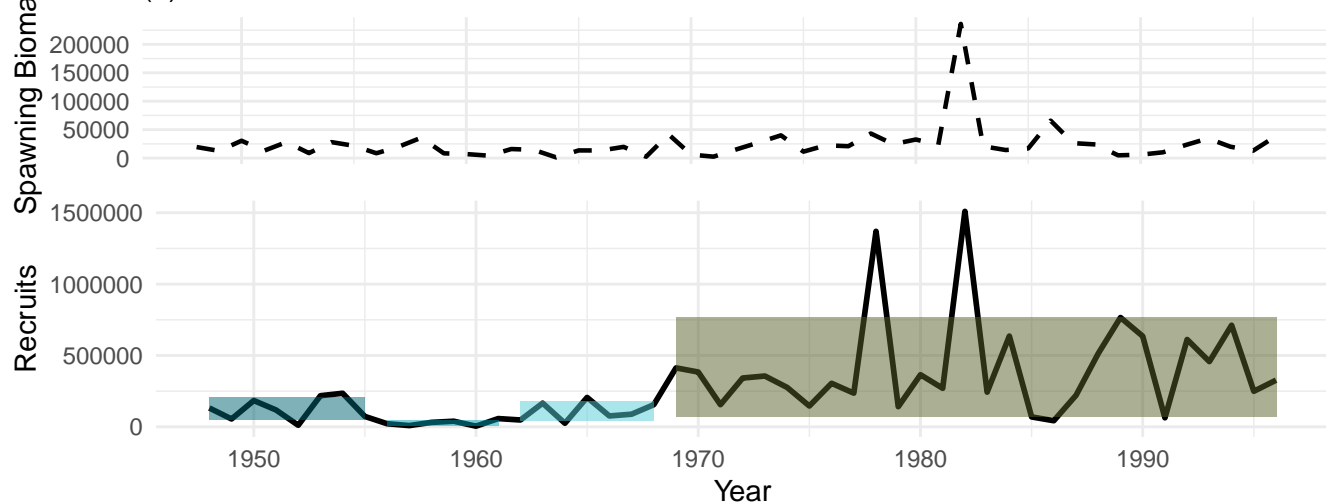


Sockeye salmon

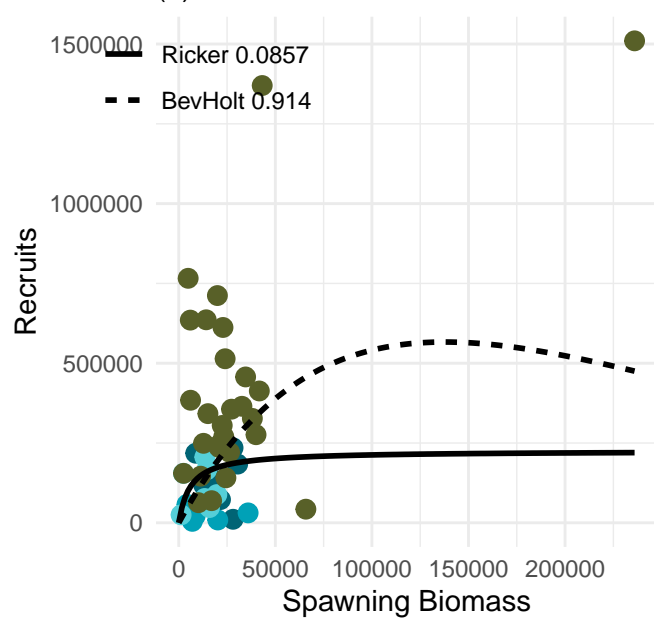
Oncorhynchus nerka

Area ID: Canada-DFO-WEAVER

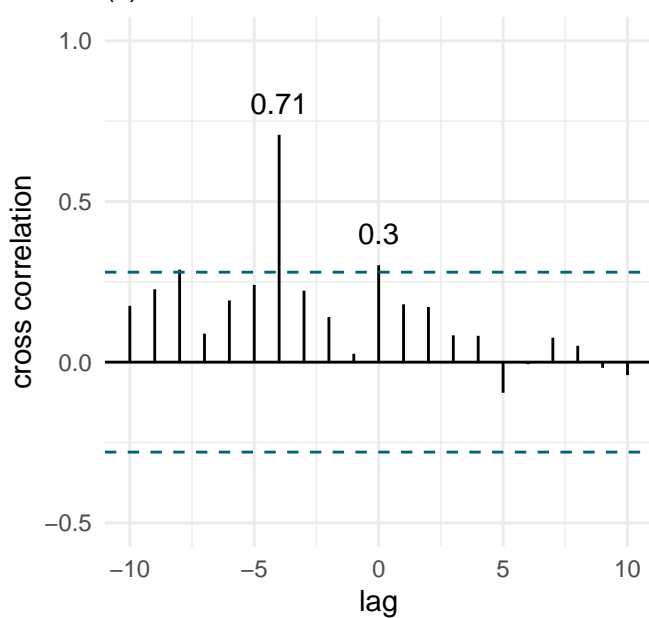
(a)



(b)



(c)

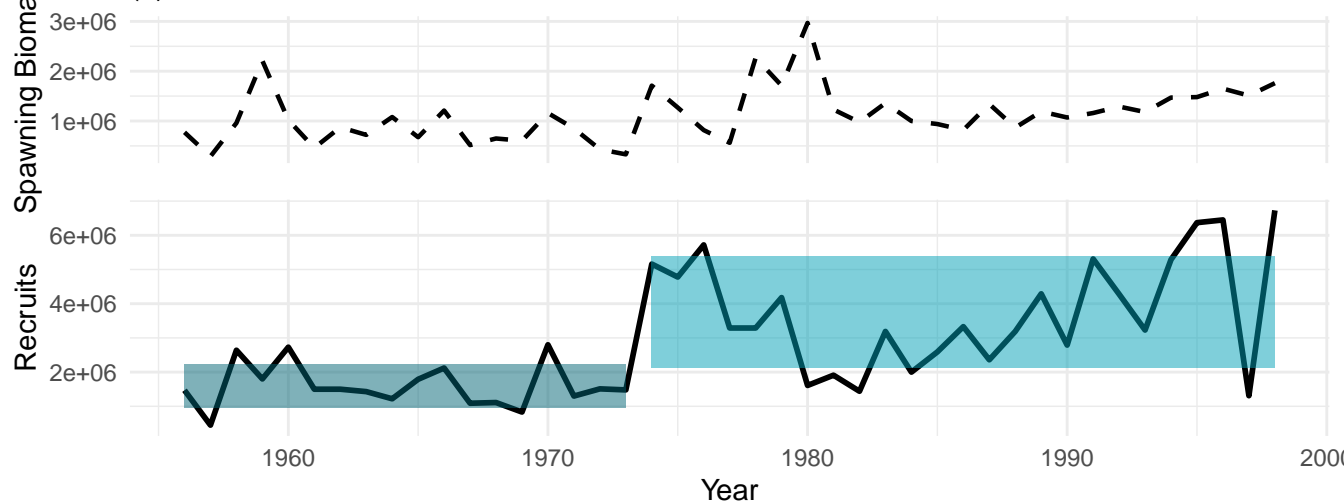


Sockeye salmon

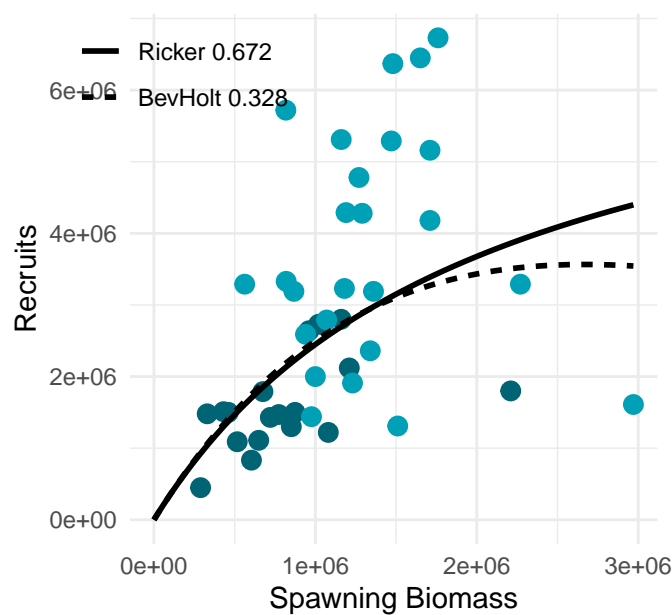
Oncorhynchus nerka

Area ID: USA-AKSTATE-WOOD

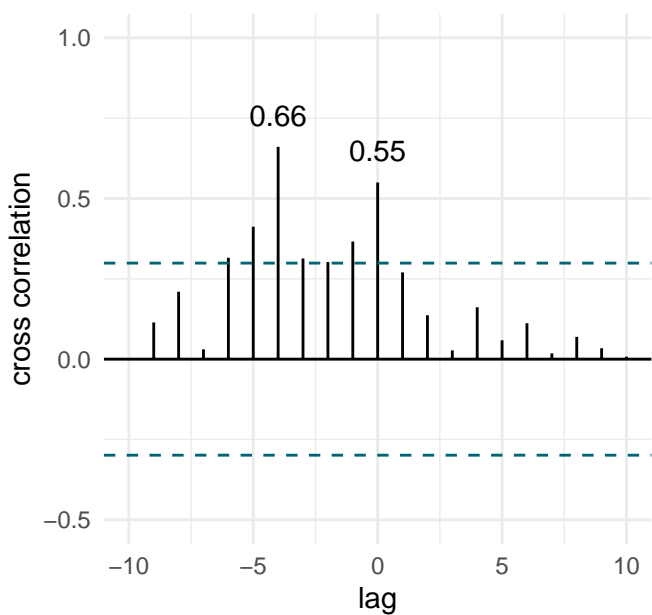
(a)



(b)



(c)

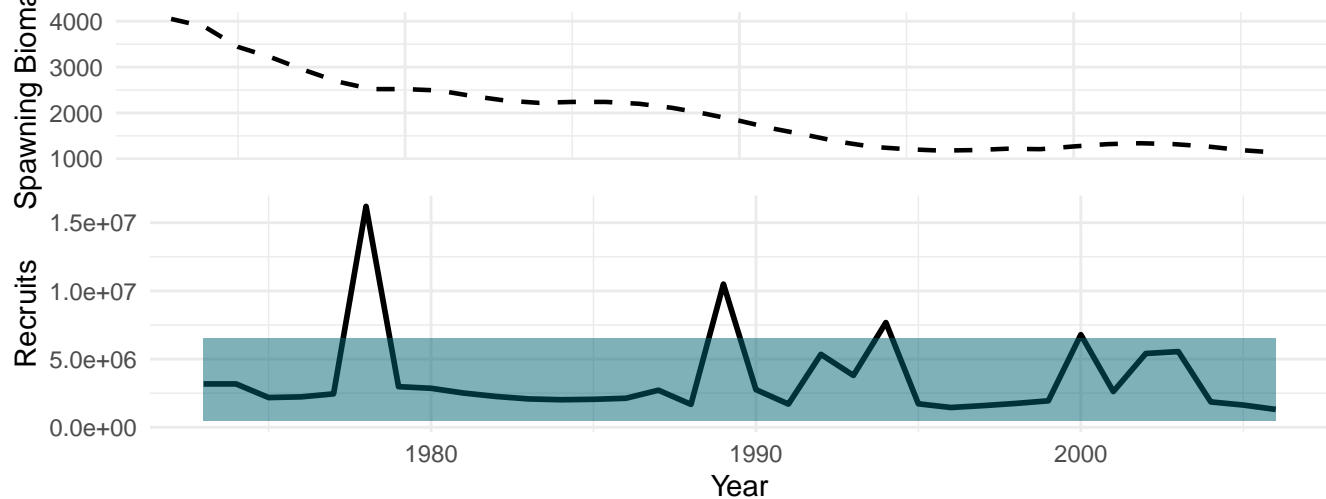


Southern spiny lobster

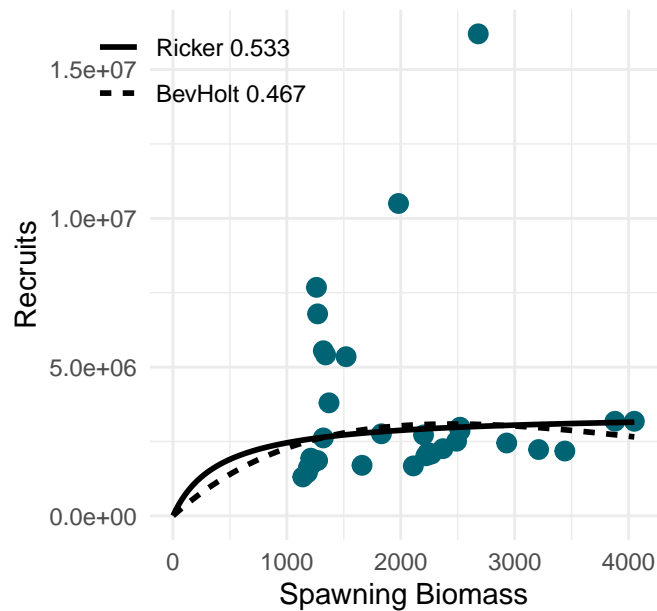
Palinurus gilchristi

Area ID: South Africa-DETMCM-SASC

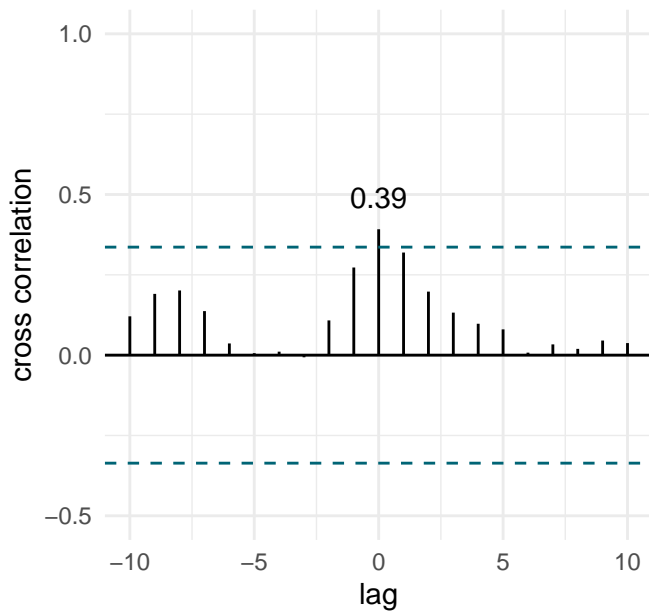
(a)



(b)



(c)

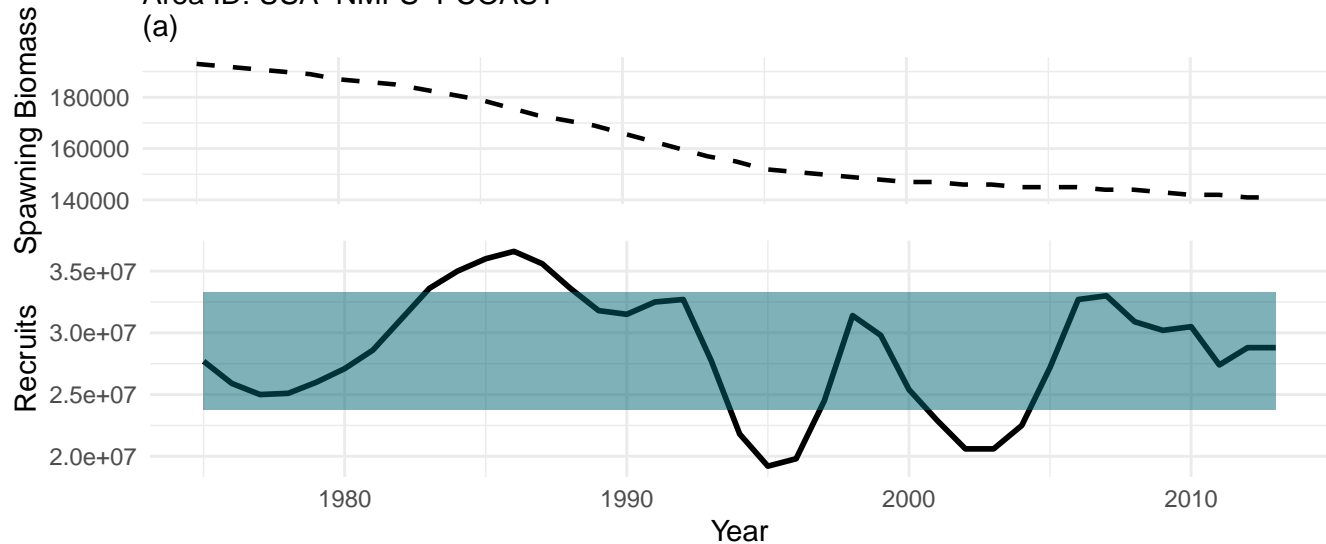


Shortspine thornyhead

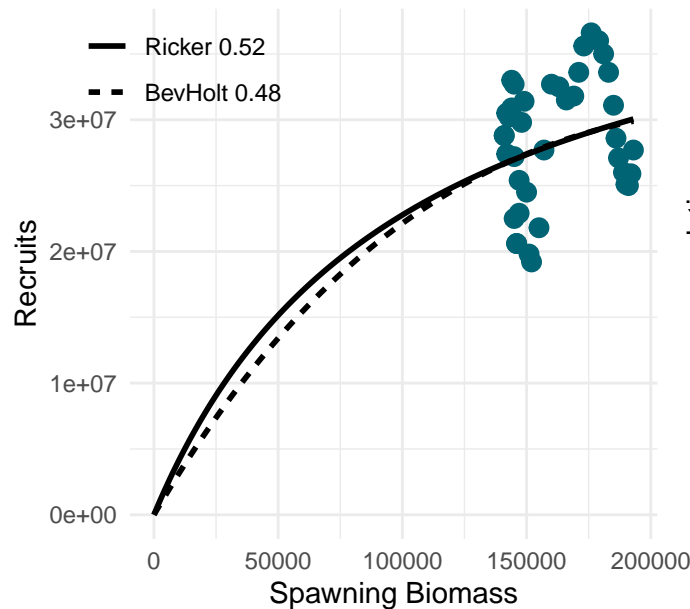
Sebastolobus alascanus

Area ID: USA-NMFS-PCOAST

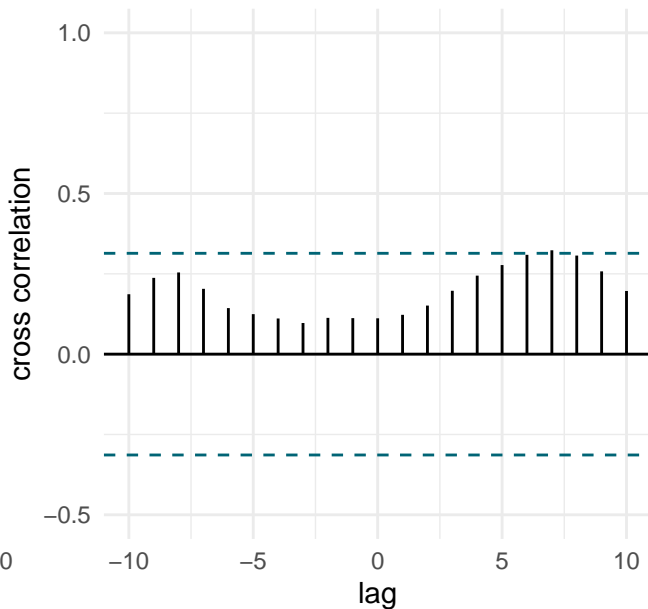
(a)



(b)



(c)

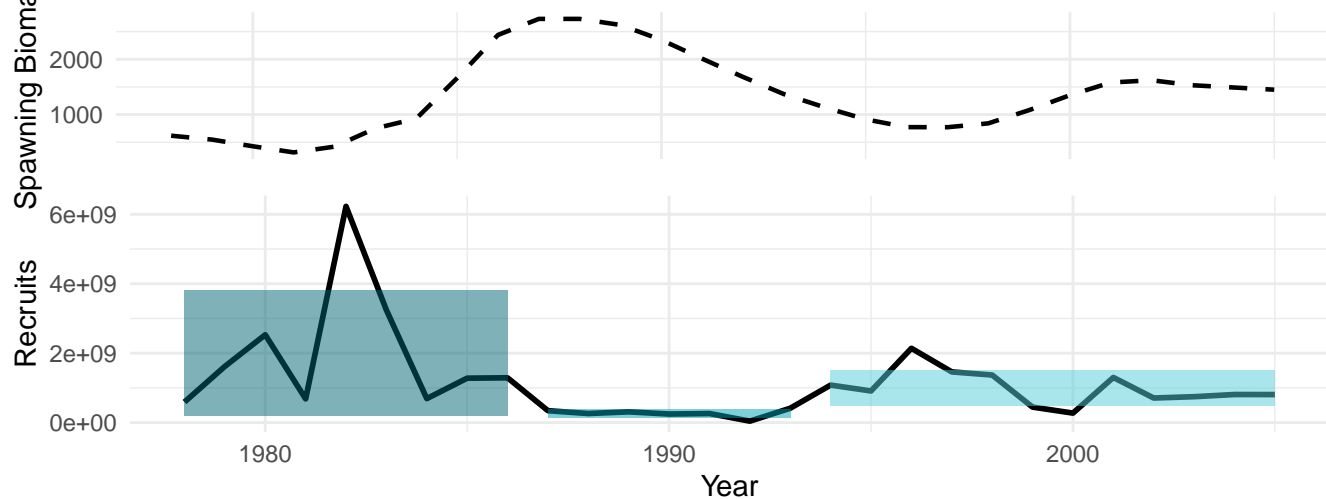


Starry flounder

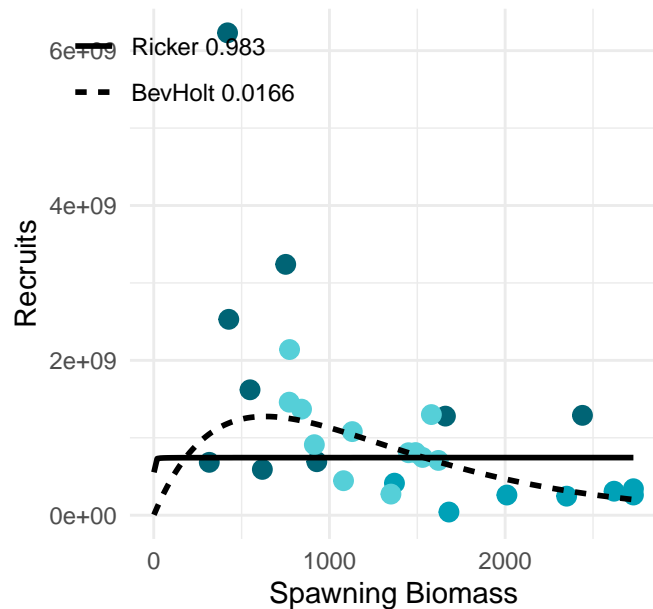
Platichthys stellatus

Area ID: USA-NMFS-SPCOAST

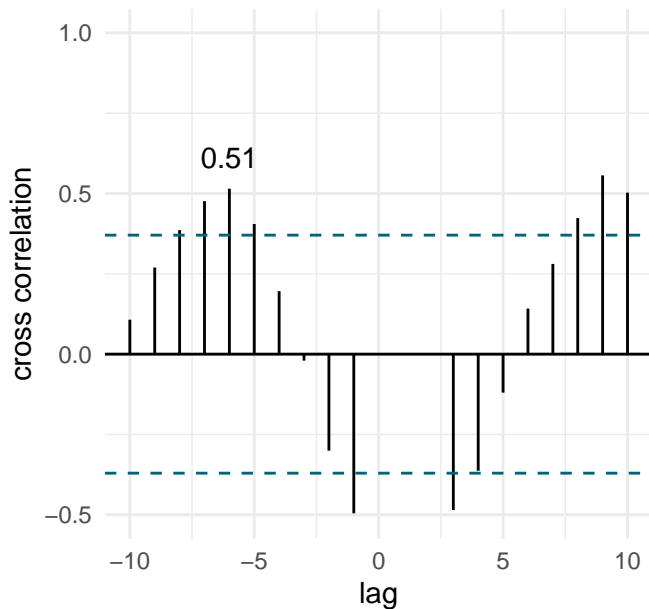
(a)



(b)



(c)

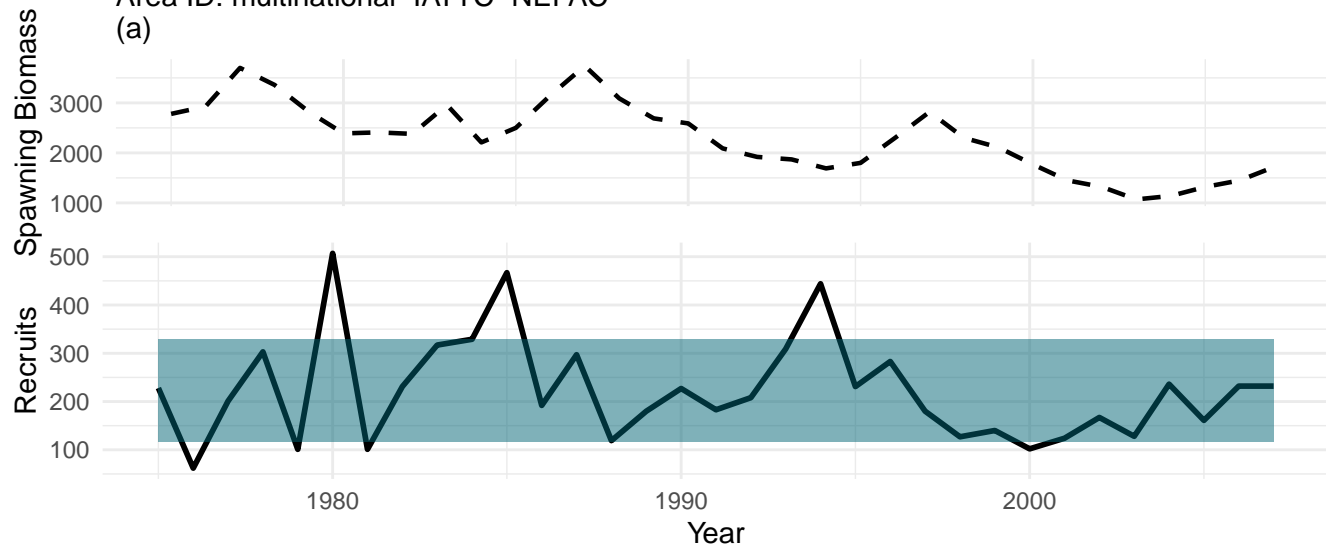


Striped marlin

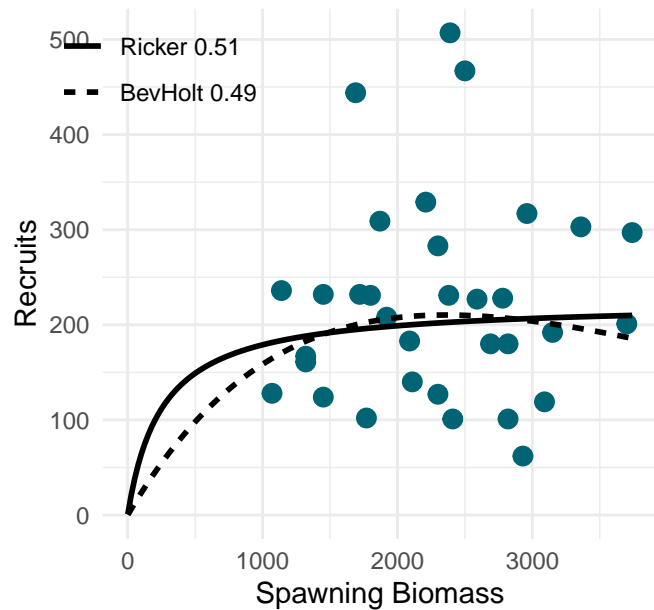
Kajikia audax

Area ID: multinational-IATTC-NEPAC

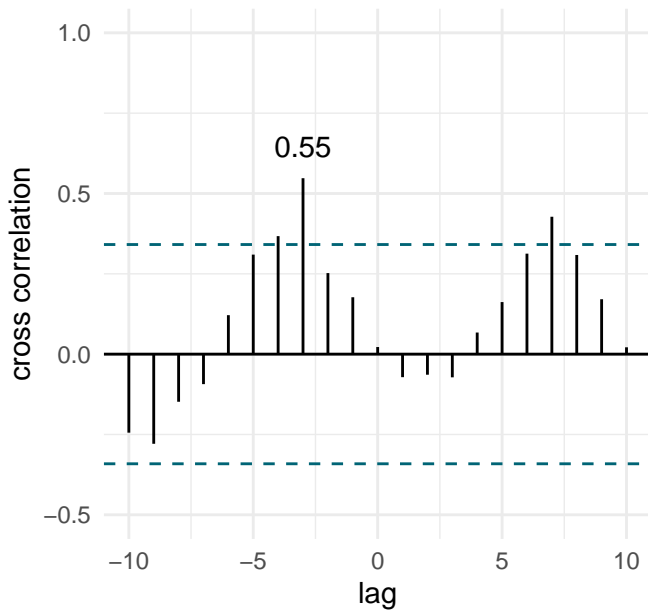
(a)



(b)



(c)

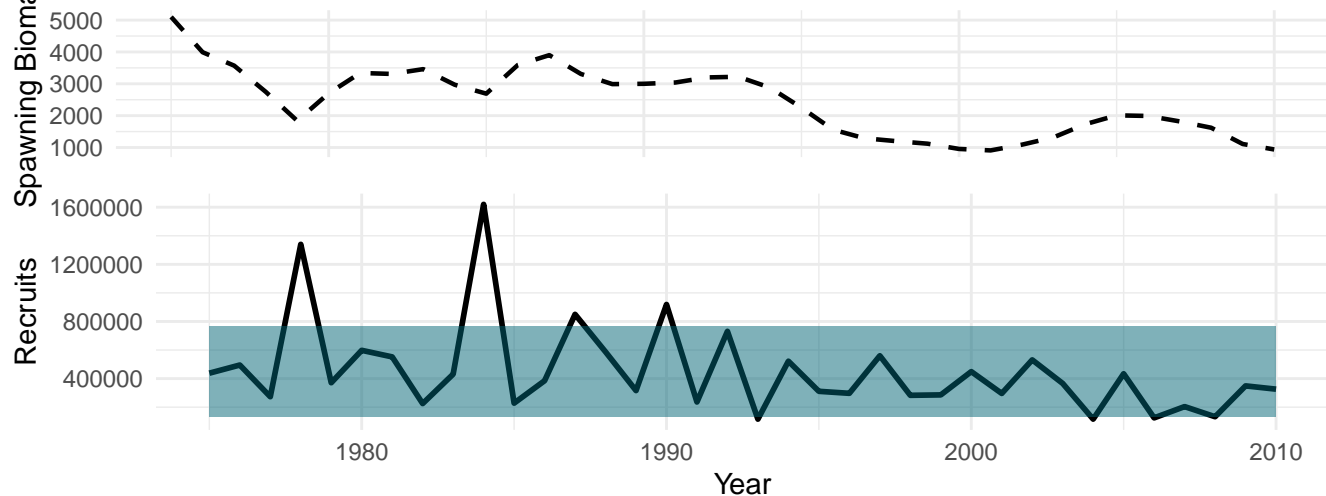


Striped marlin

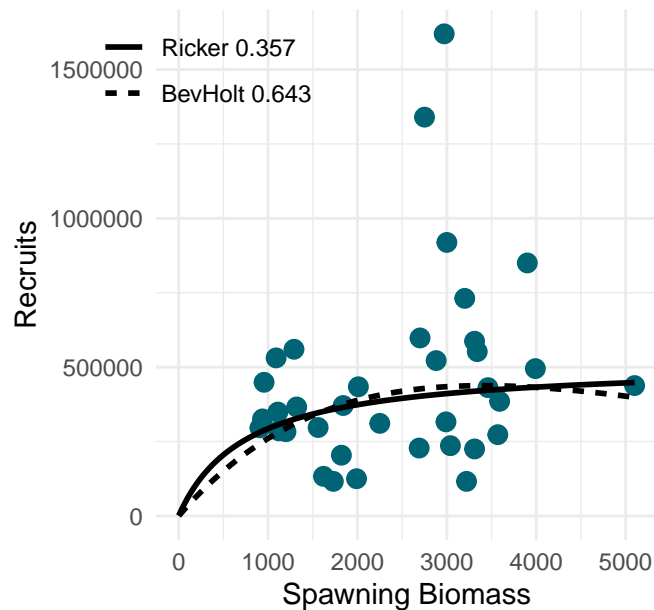
Kajikia audax

Area ID: multinational-ISC-WCNPAC

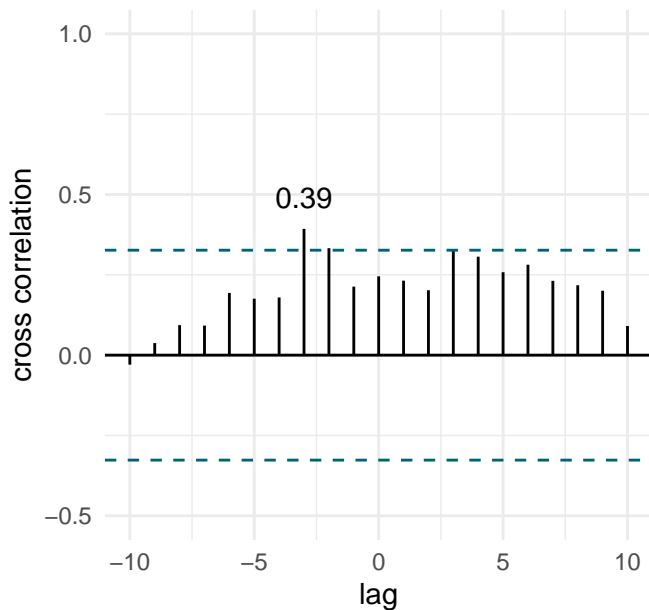
(a)



(b)



(c)

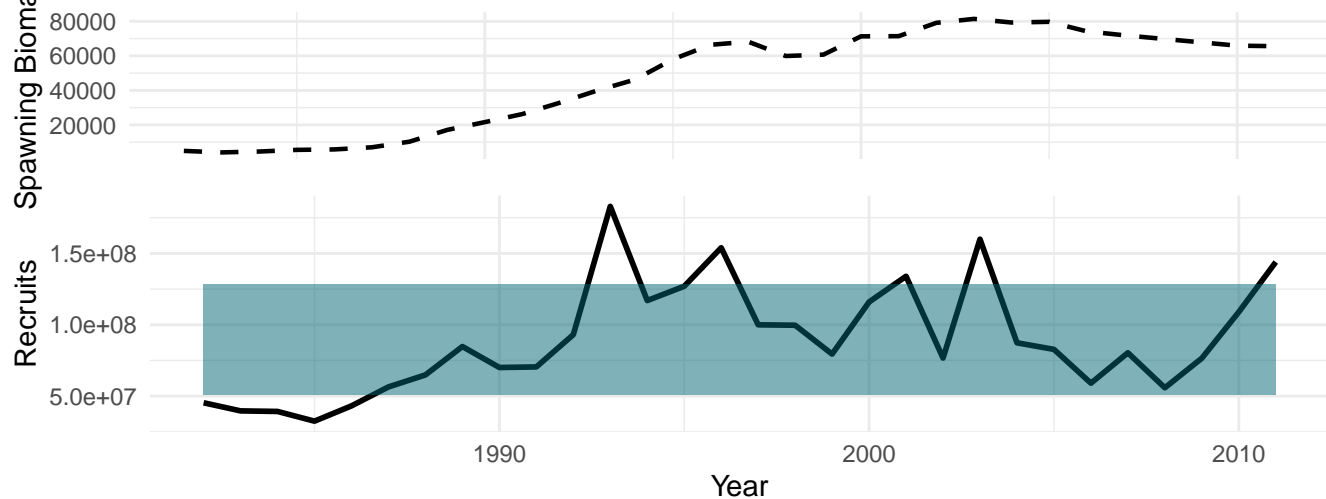


Striped bass

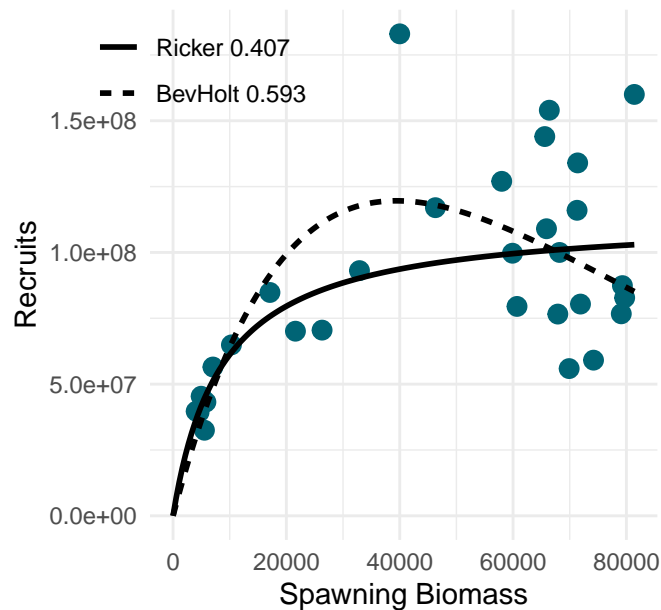
Morone saxatilis

Area ID: USA-NMFS-5YCHATT

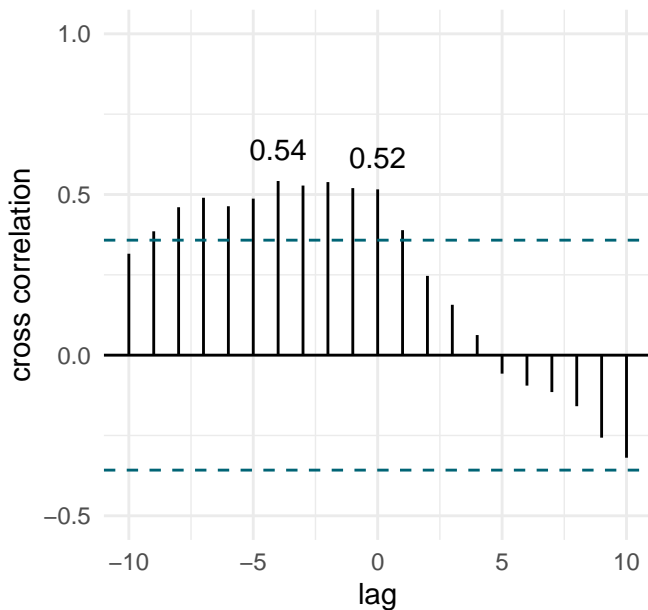
(a)



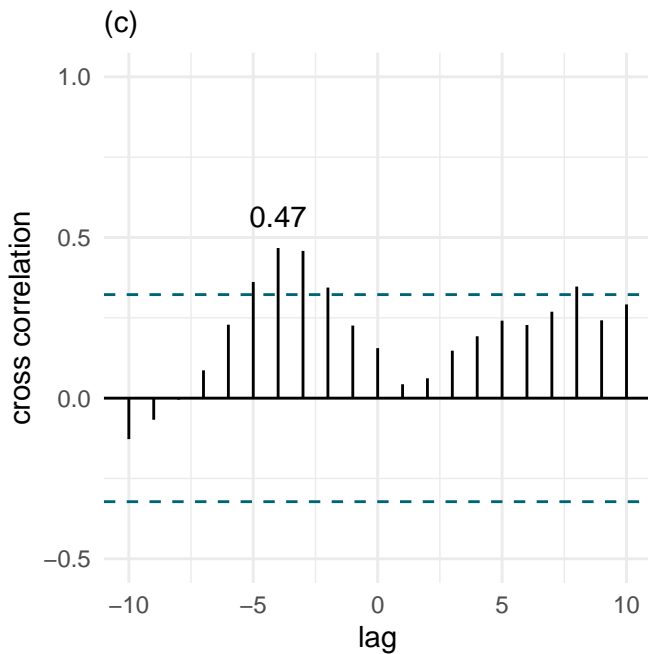
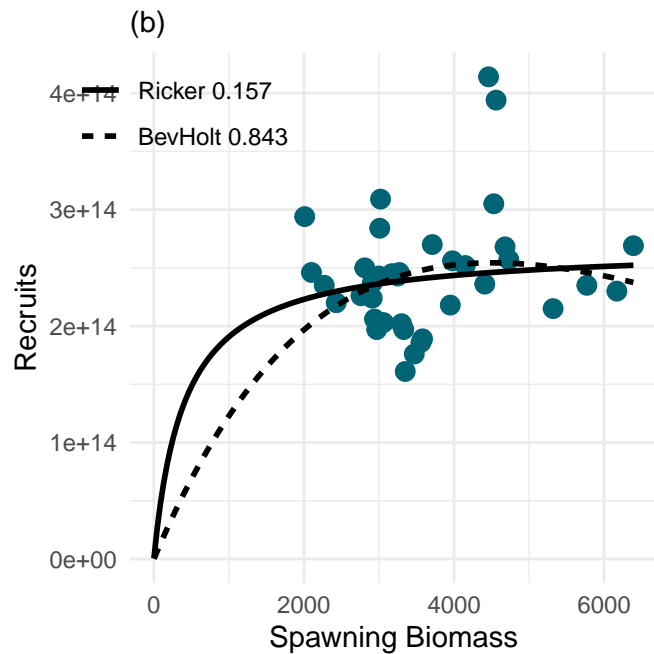
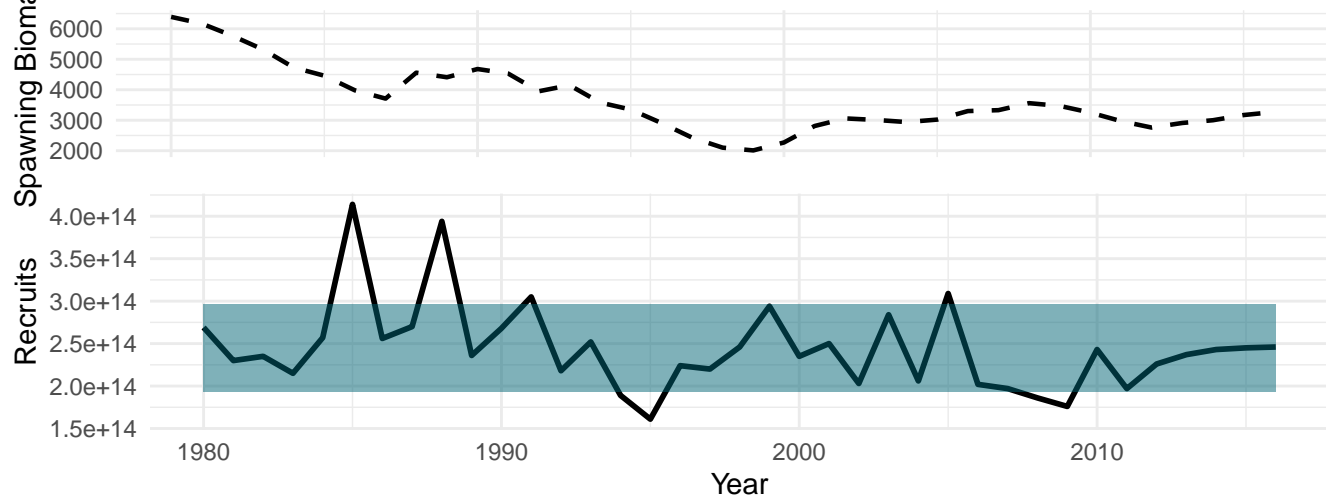
(b)



(c)



School whiting
Sillago flindersi
Area ID: Australia-AFMA-SE
(a)

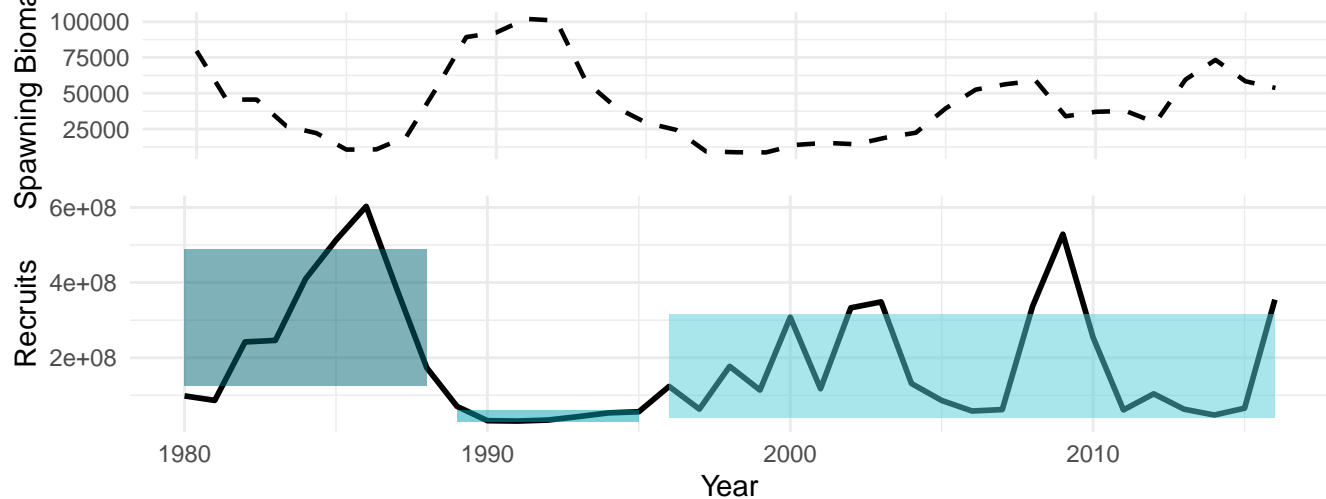


Tanner crab

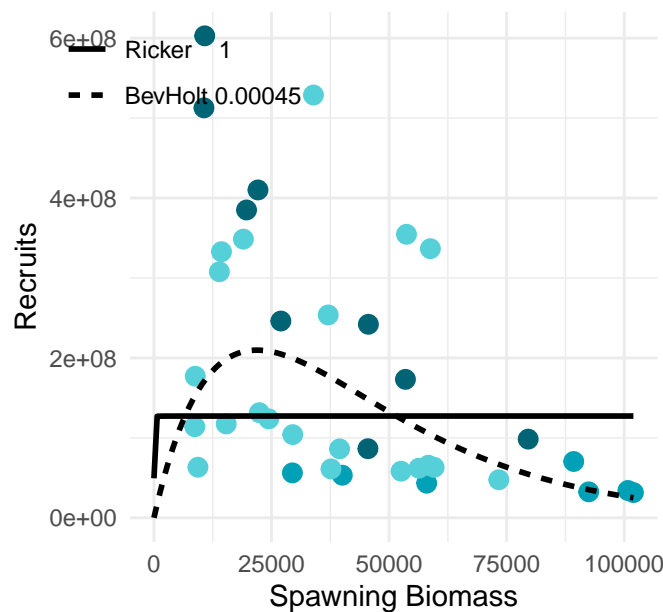
Chionoecetes bairdi

Area ID: USA-NMFS-BSAI

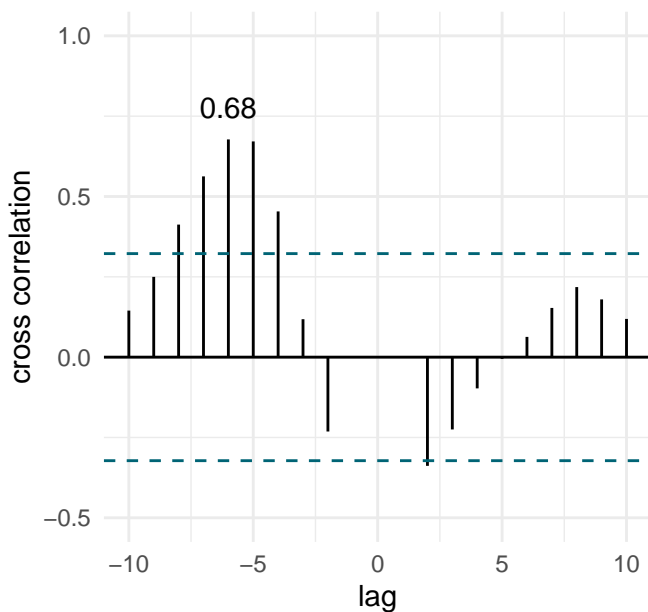
(a)



(b)



(c)

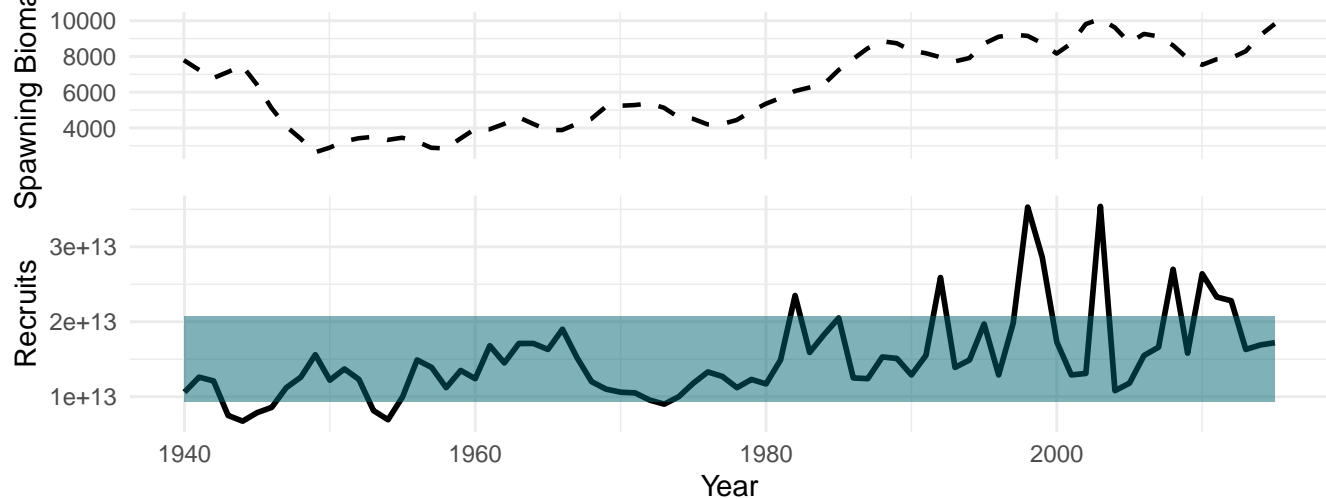


Tiger flathead

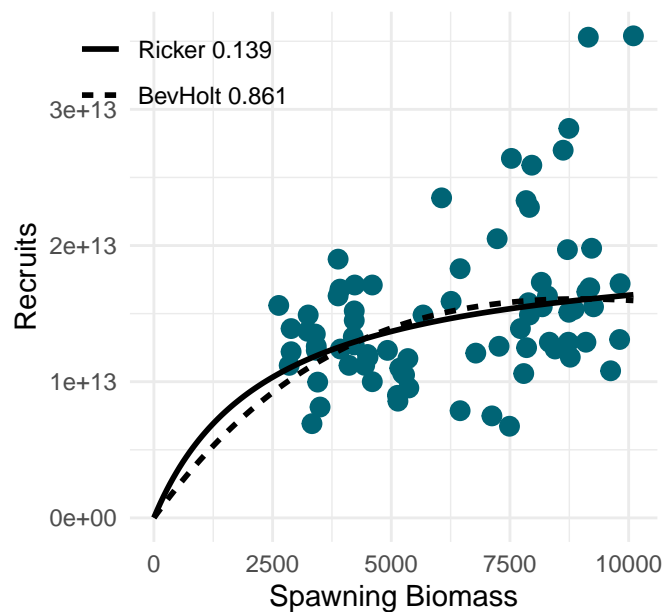
Neoplatycephalus richardsoni

Area ID: Australia-AFMA-SE

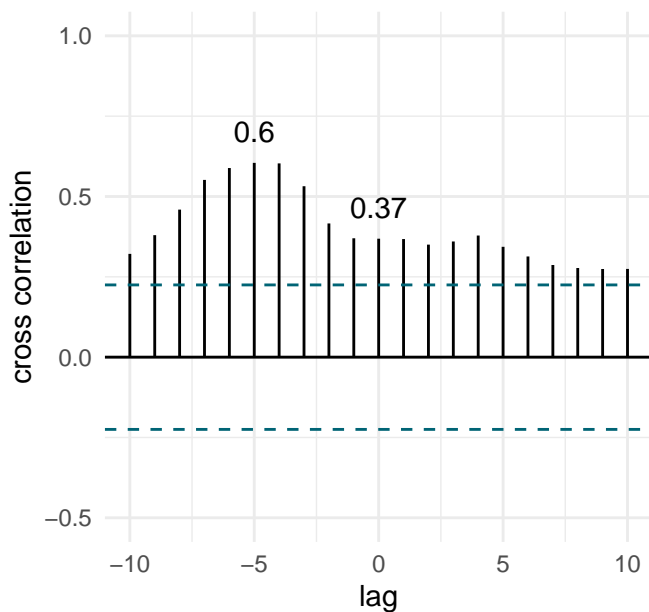
(a)



(b)



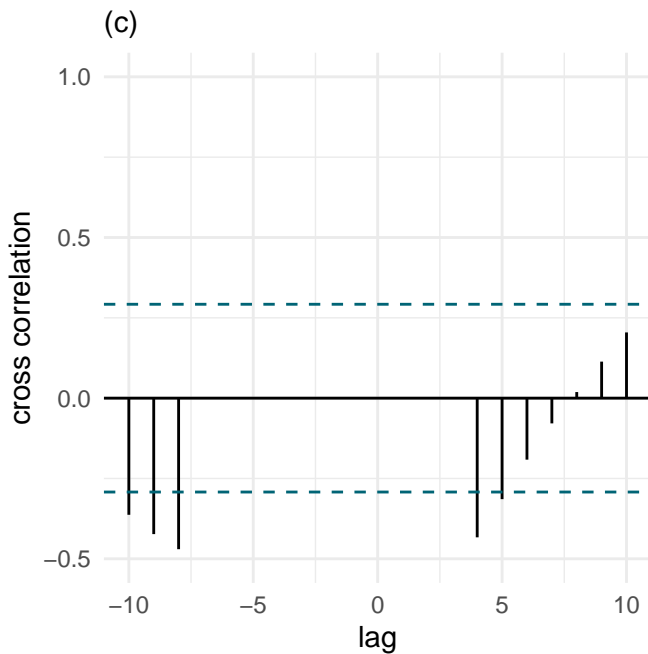
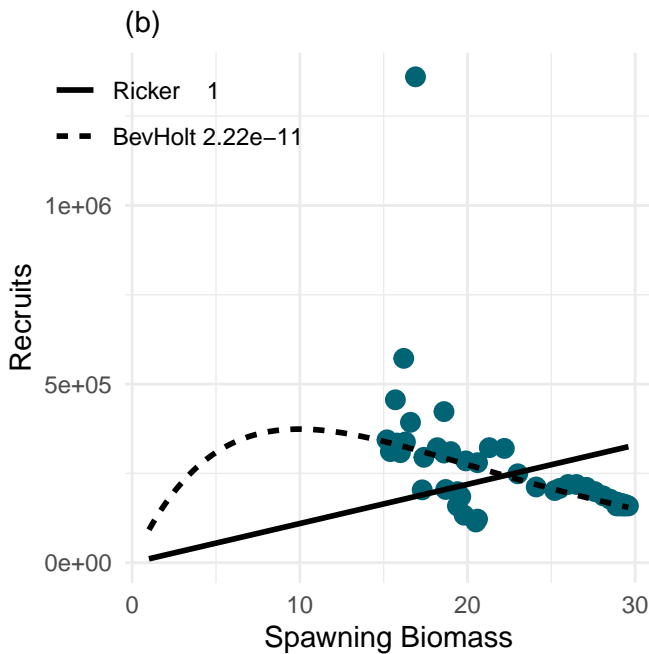
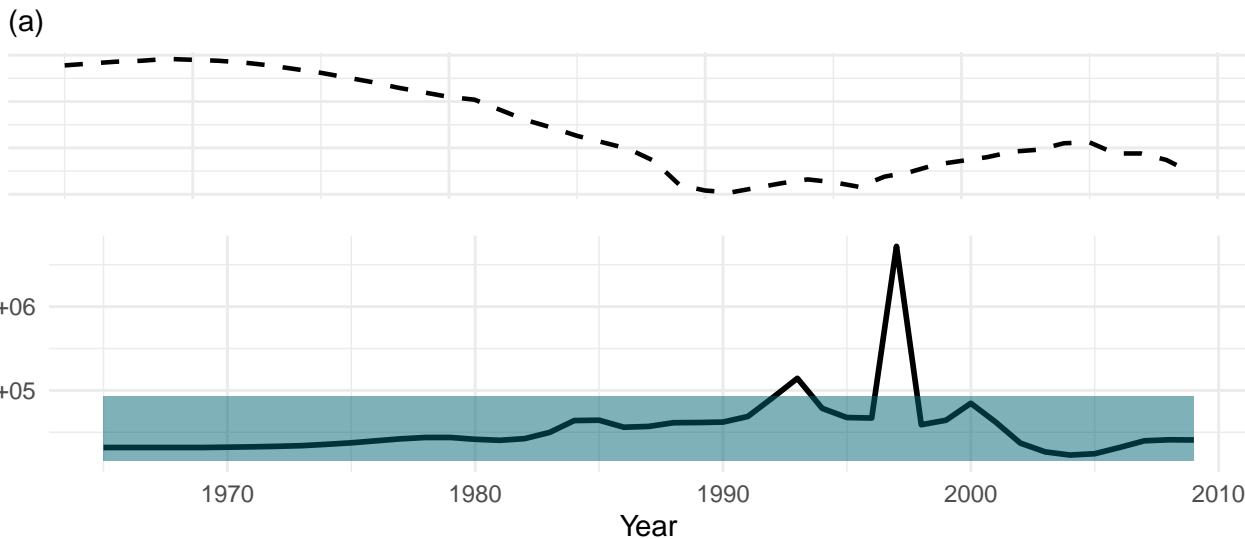
(c)



Tilefish

Lopholatilus chamaeleonticeps

Area ID: USA-NMFS-GM

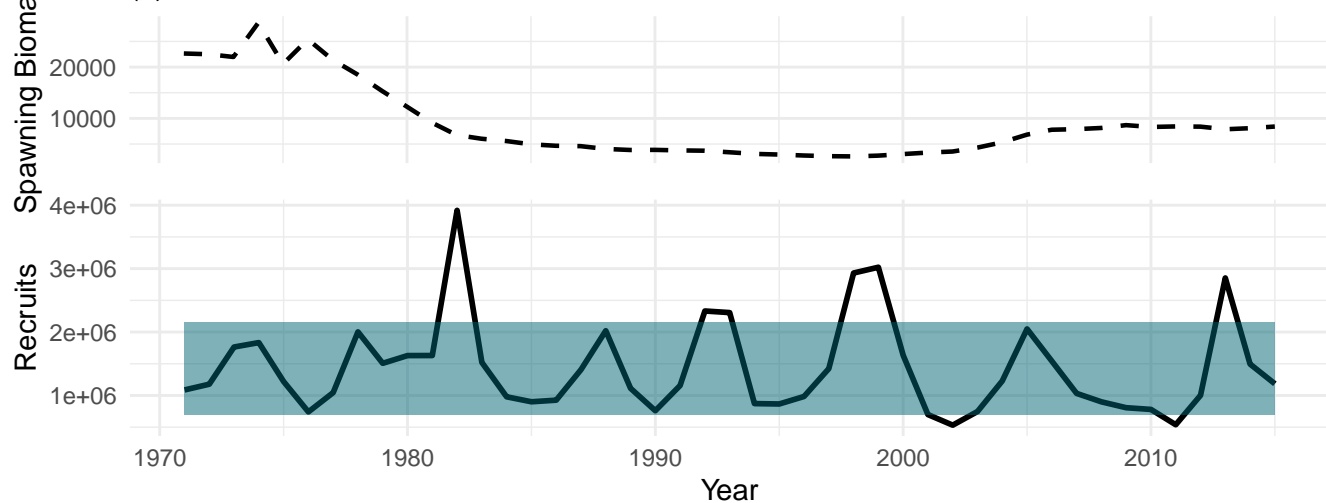


Tilefish

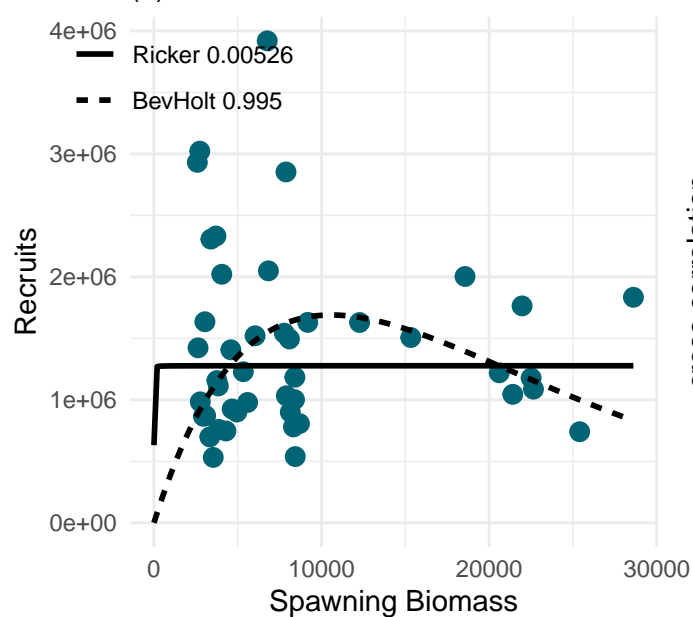
Lopholatilus chamaeleonticeps

Area ID: USA-NMFS-MATLC

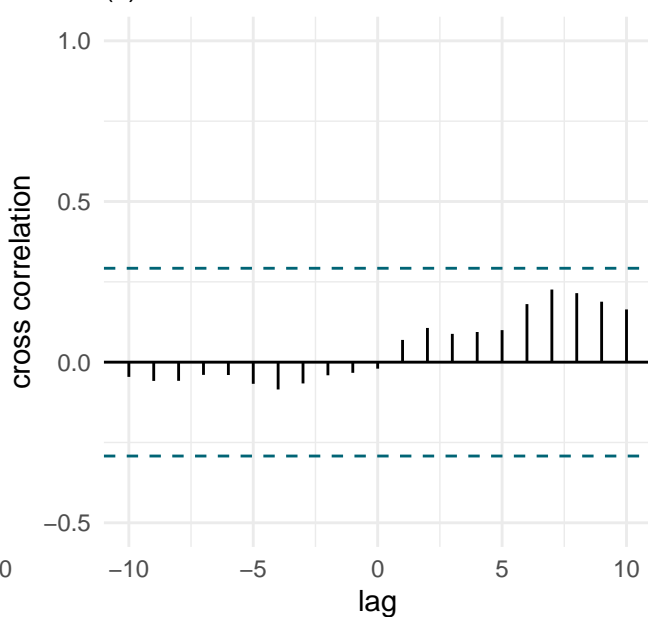
(a)



(b)



(c)

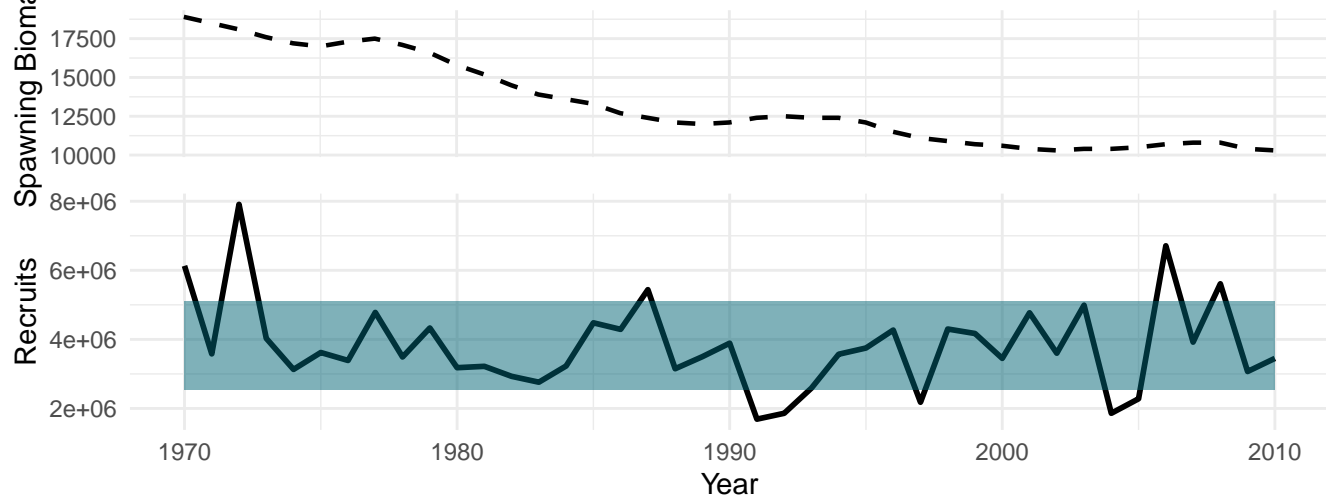


Trevally

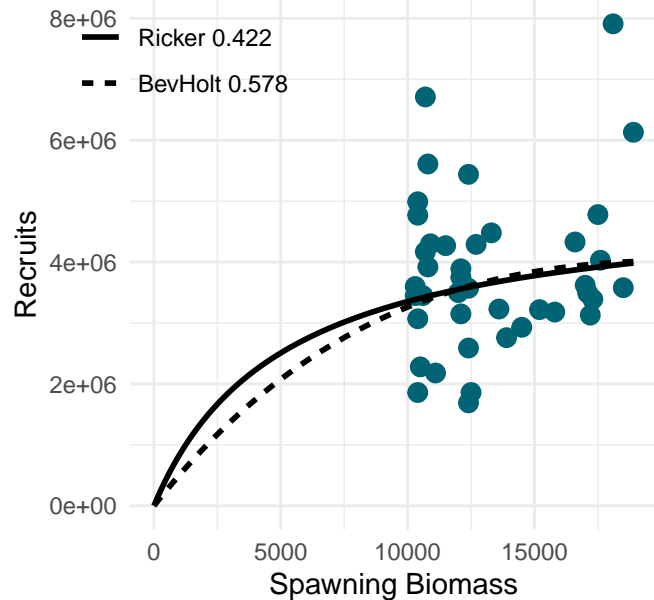
Pseudocaranx dentex

Area ID: New Zealand-MFish-TRE7

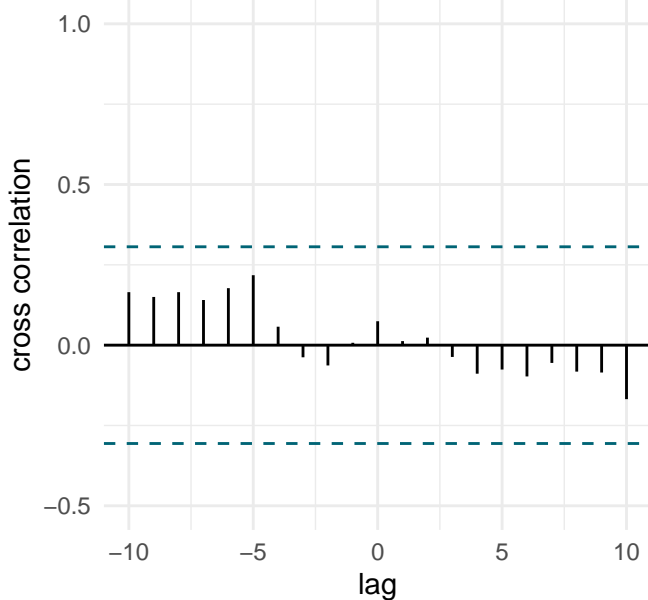
(a)



(b)



(c)

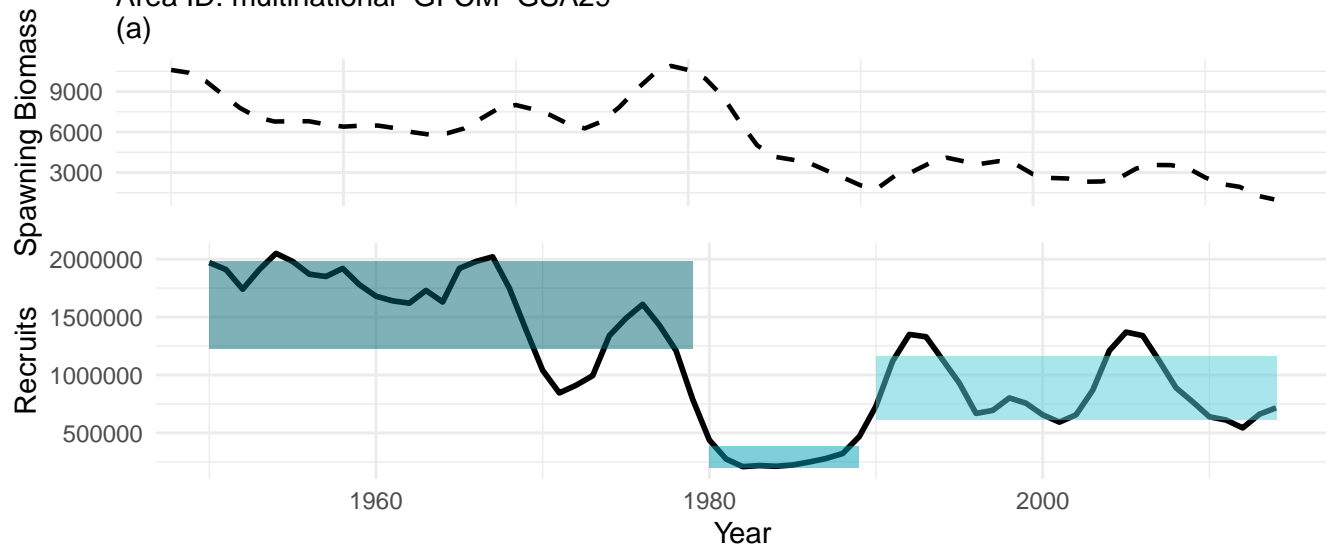


Turbot

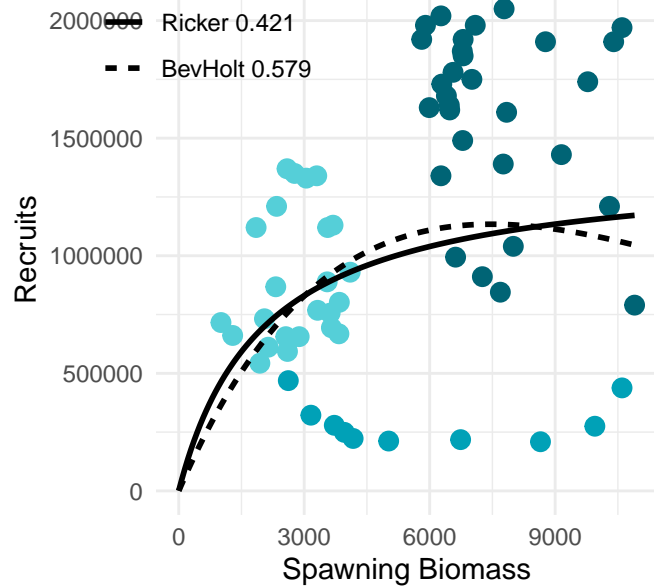
Psetta maxima

Area ID: multinational-GFCM-GSA29

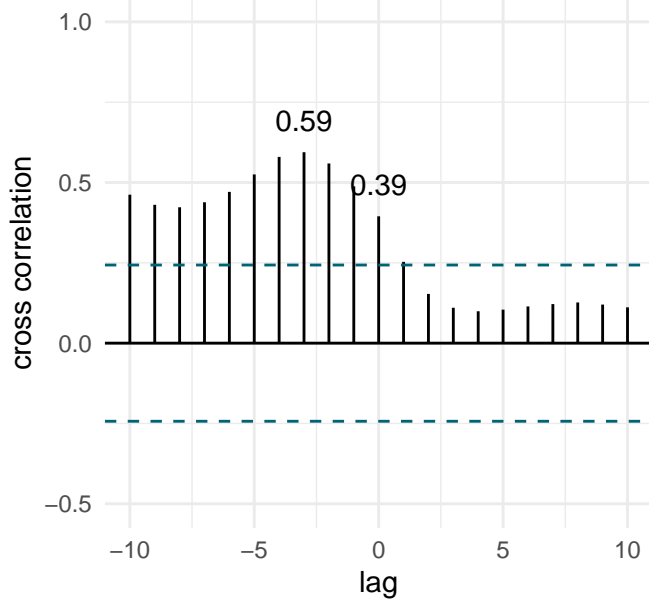
(a)



(b)



(c)

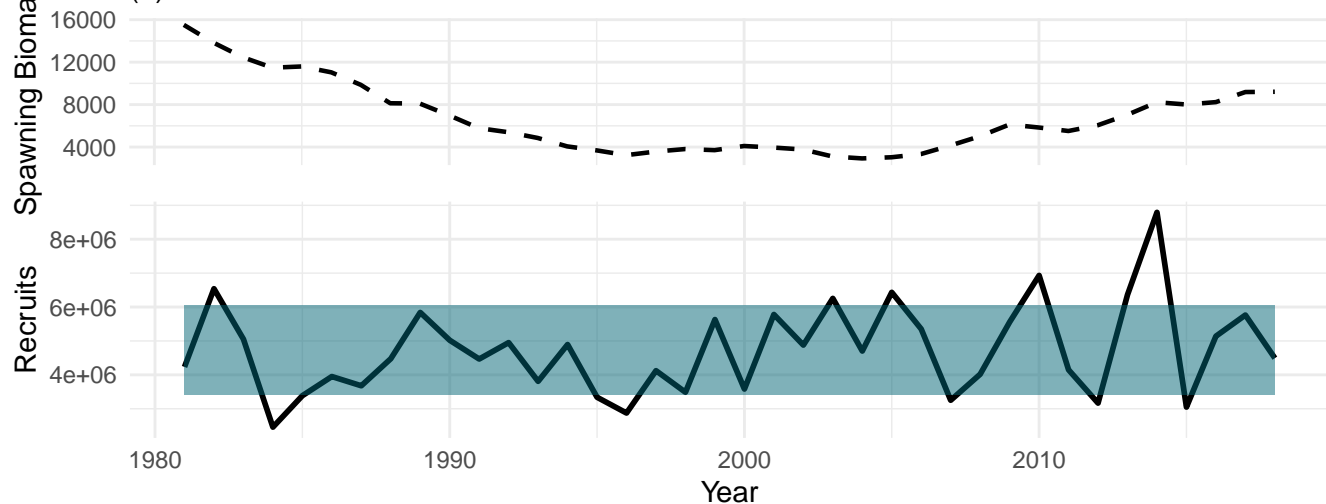


Turbot

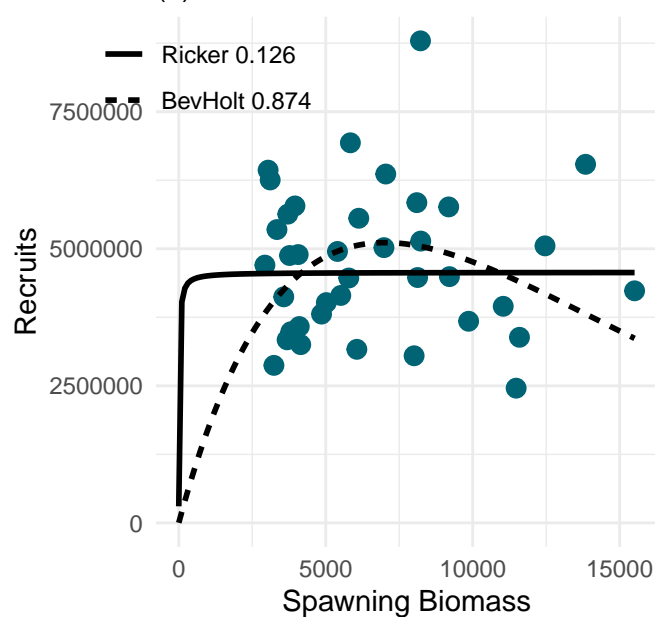
Scophthalmus maximus

Area ID: multinational-ICES-IV

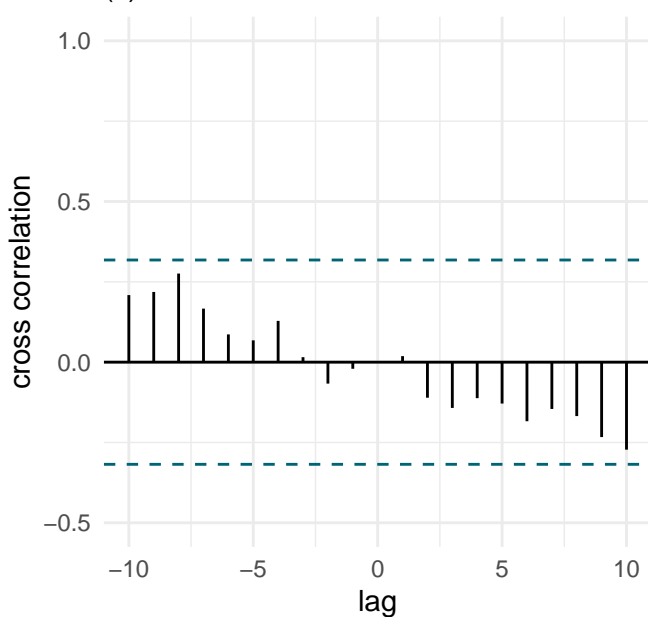
(a)



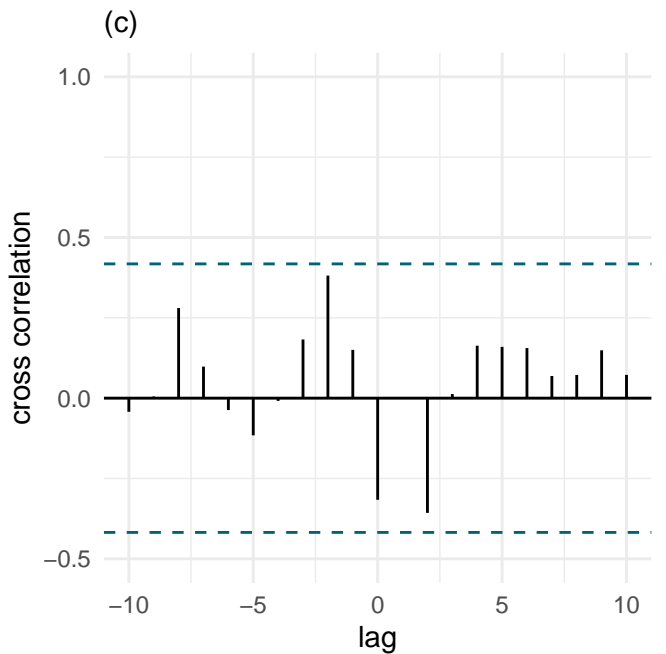
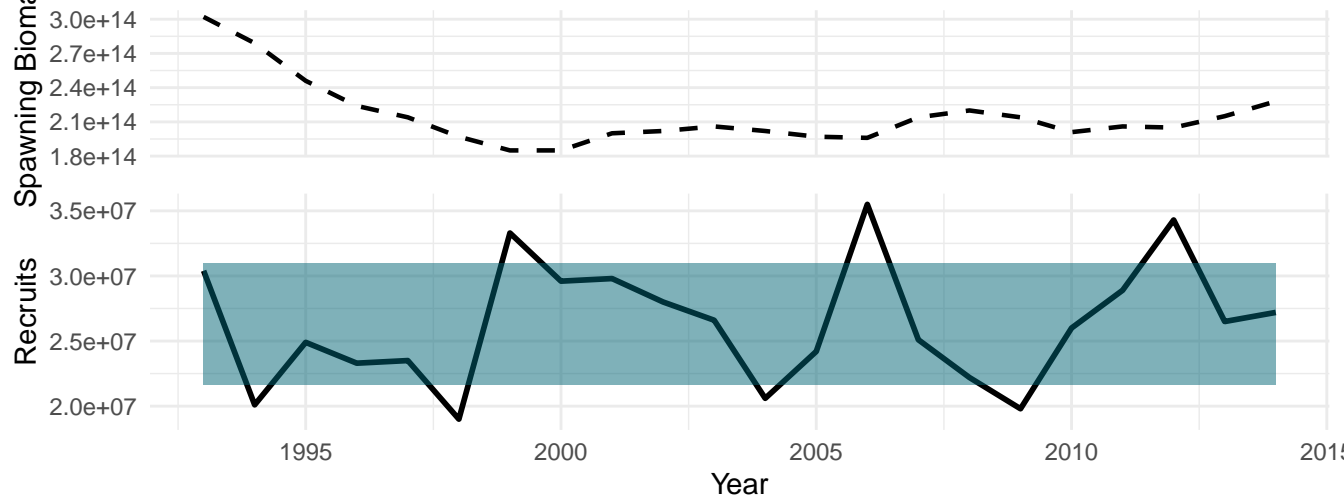
(b)



(c)



Vermilion snapper
Rhomboplites aurorubens
 Area ID: USA-NMFS-GM
 (a)

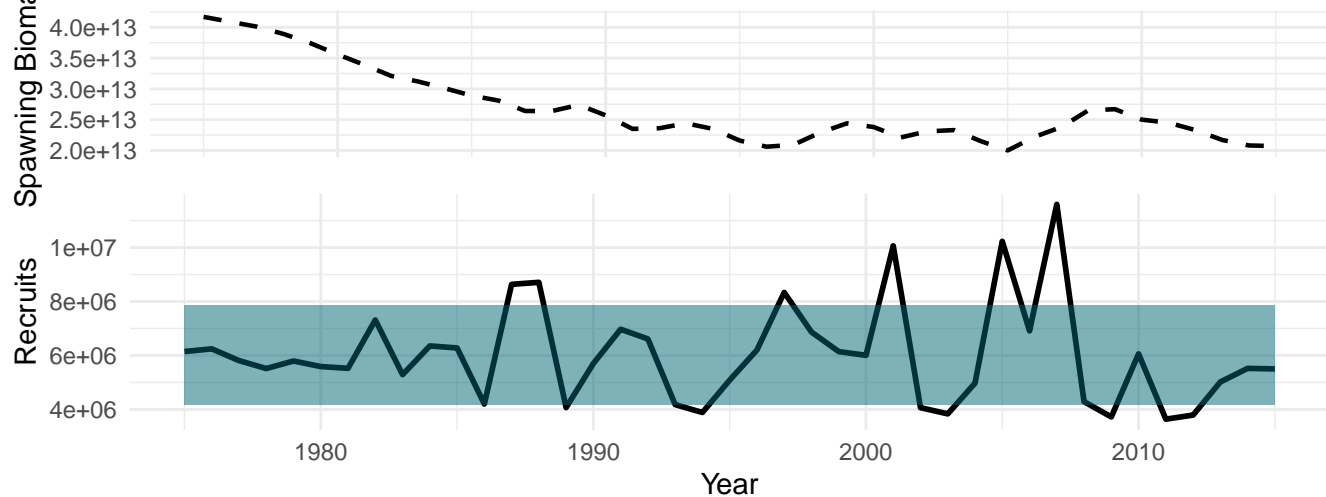


Vermilion snapper

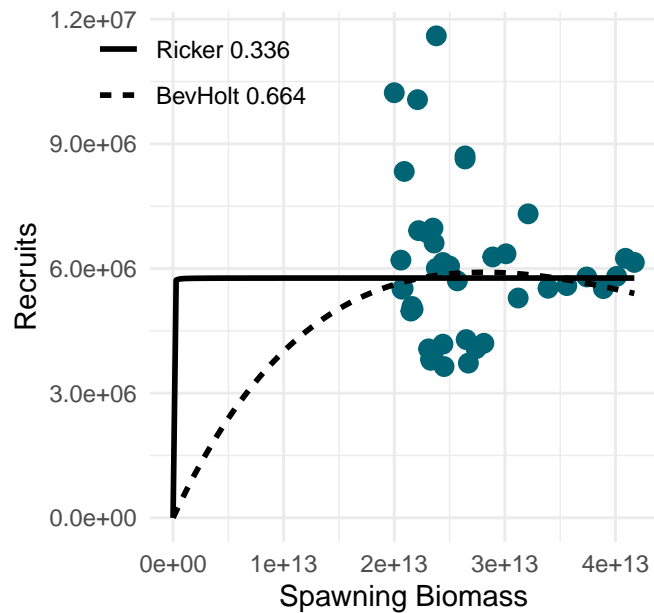
Rhomboplites aurorubens

Area ID: USA-NMFS-SATLC

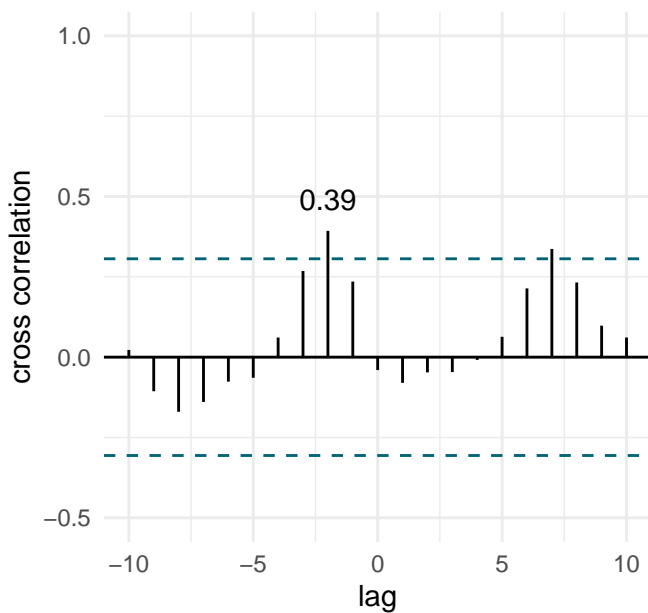
(a)



(b)



(c)

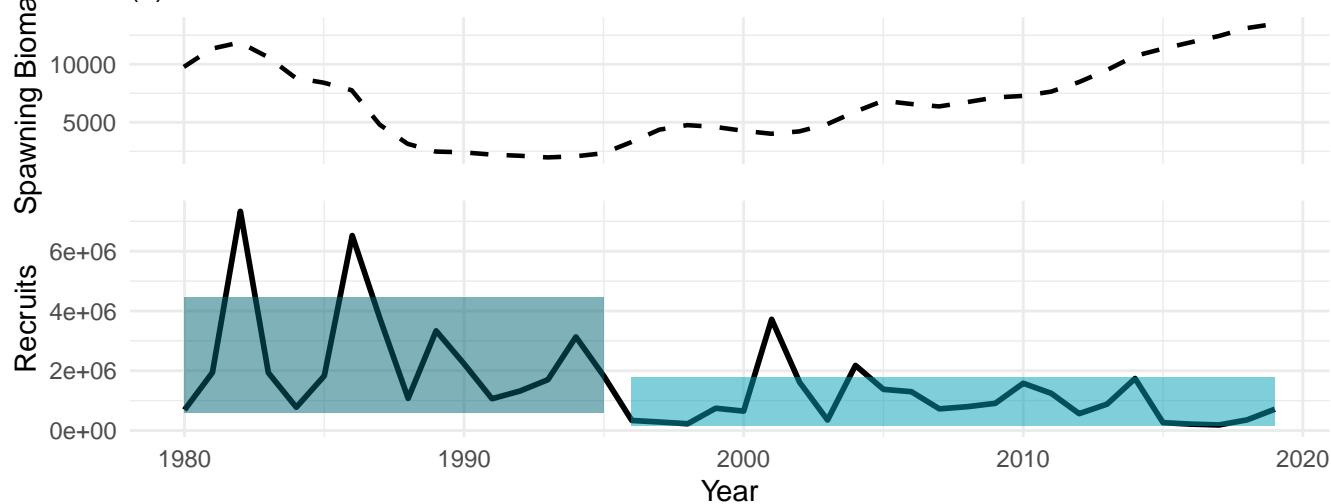


White anglerfish

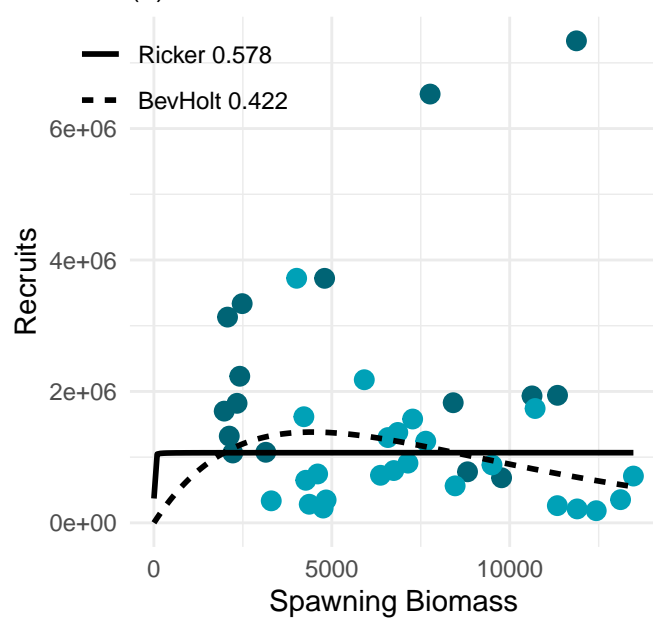
Lophius piscatorius

Area ID: multinational-ICES-VIIIc-IXa

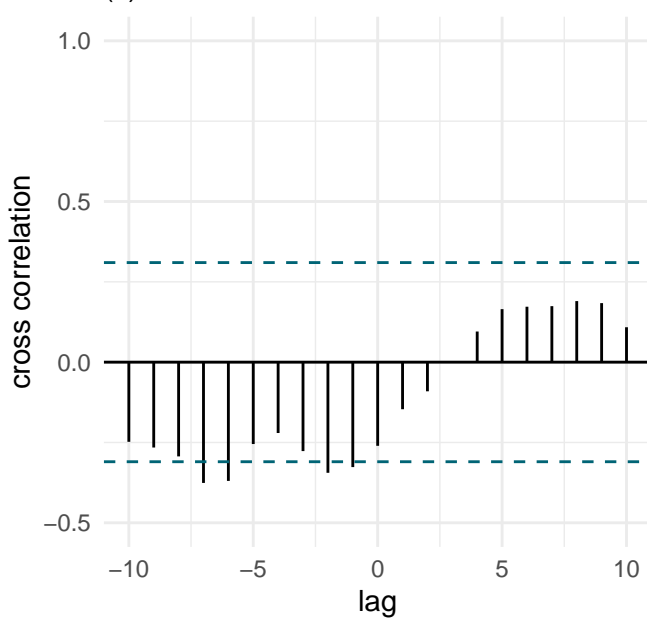
(a)



(b)



(c)

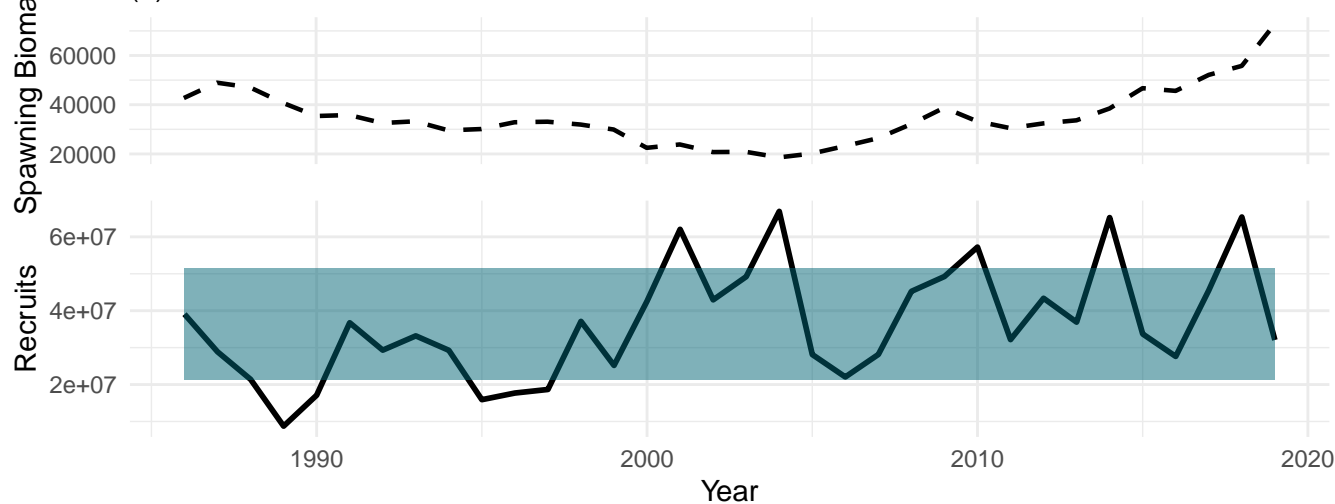


White anglerfish

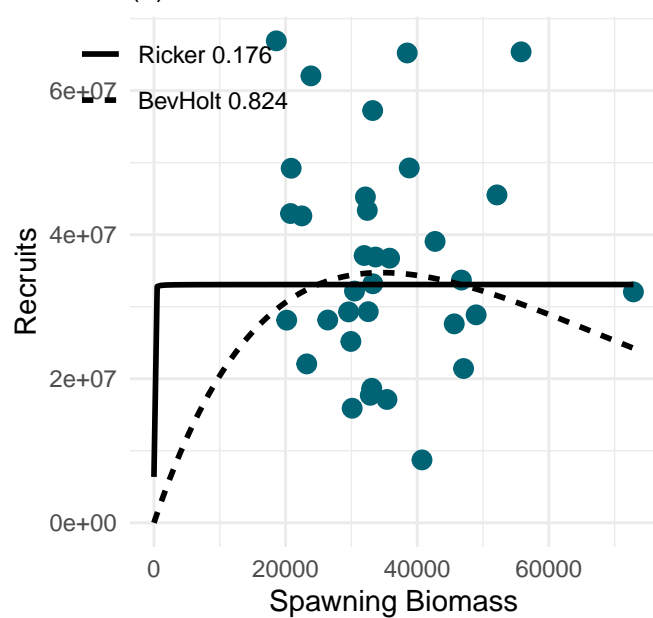
Lophius piscatorius

Area ID: multinational-ICES-VII-VIIIabd

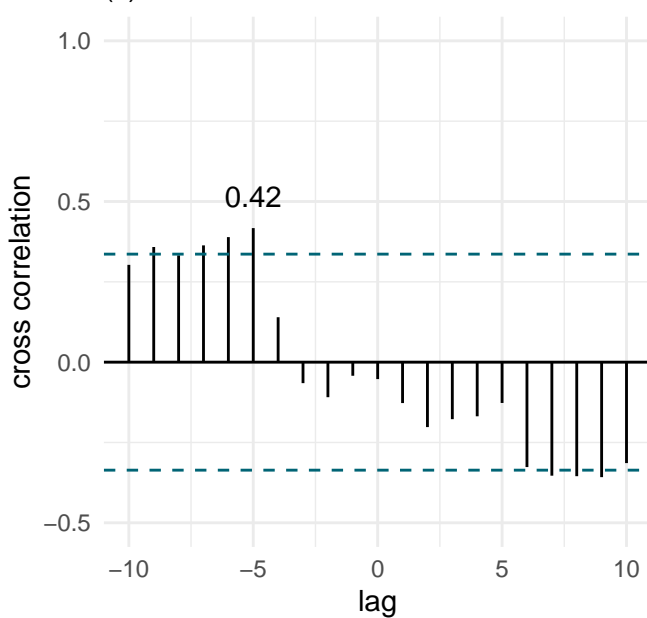
(a)



(b)



(c)



Blue warehou

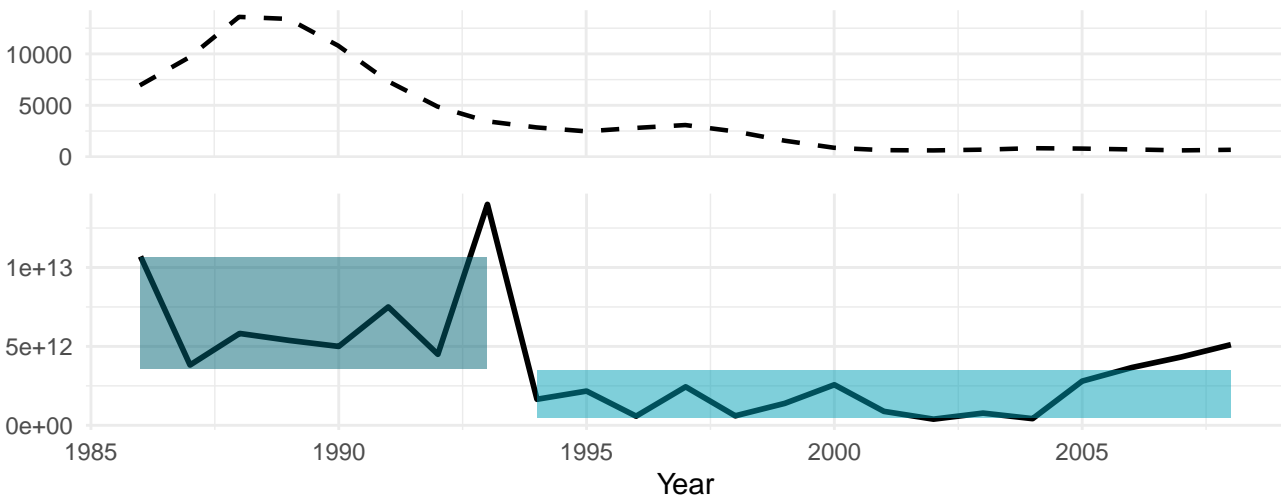
Seriolella brama

Area ID: Australia-AFMA-ESE

(a)

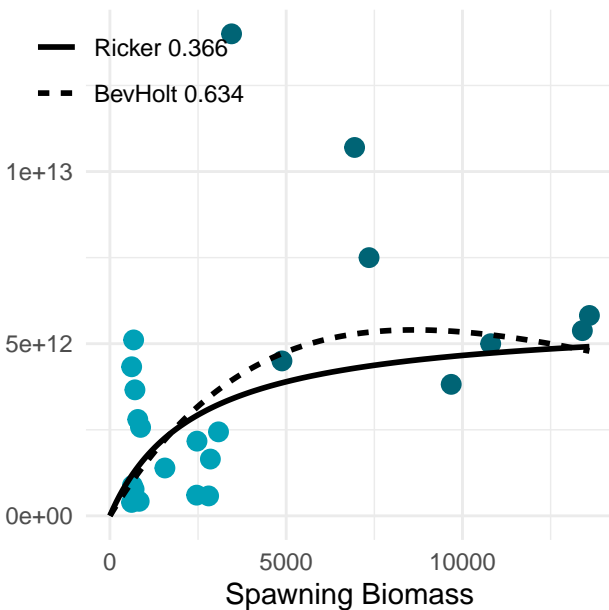
Spawning Biomass

Recruits



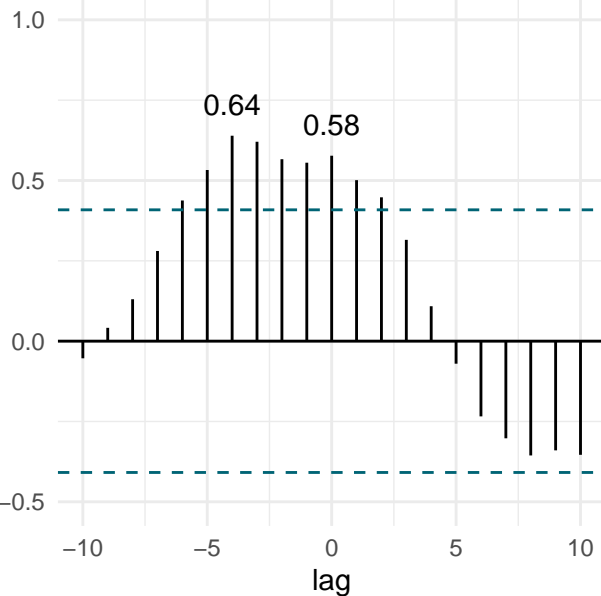
(b)

Recruits



(c)

cross correlation

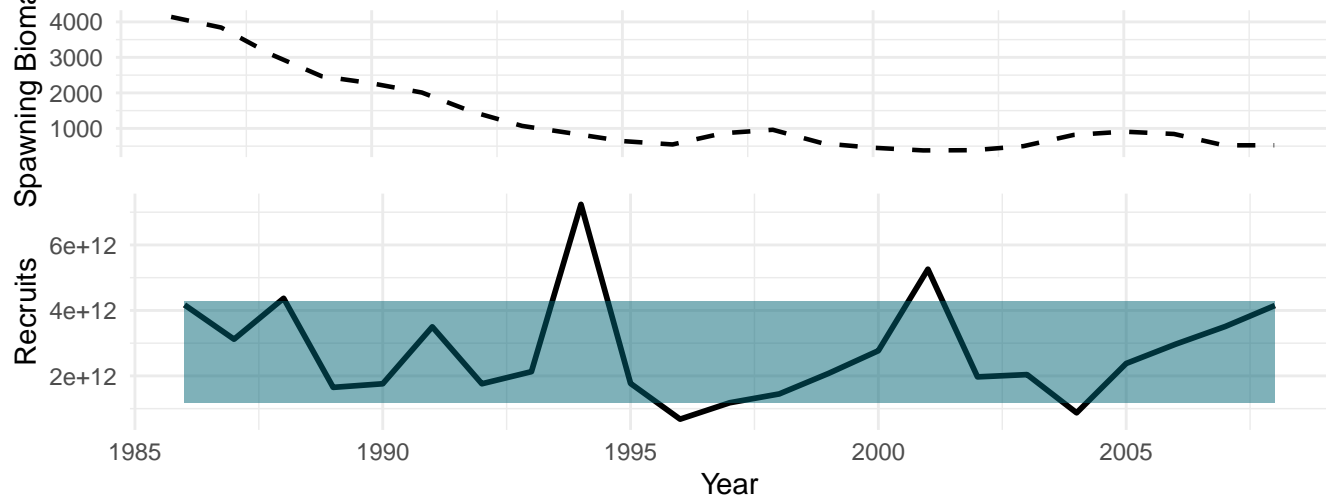


Blue warehou

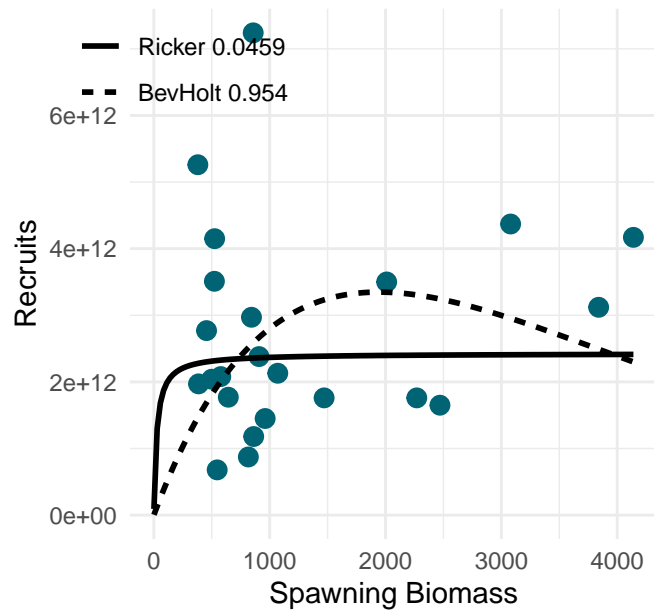
Seriolella brama

Area ID: Australia-AFMA-WSE

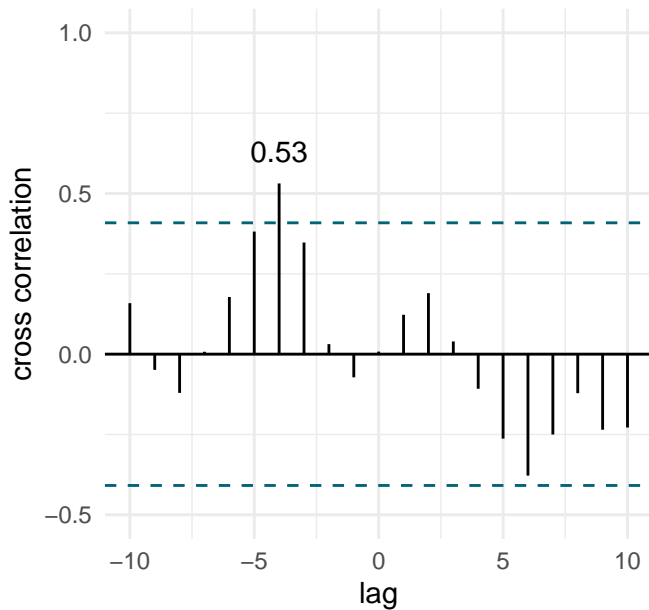
(a)



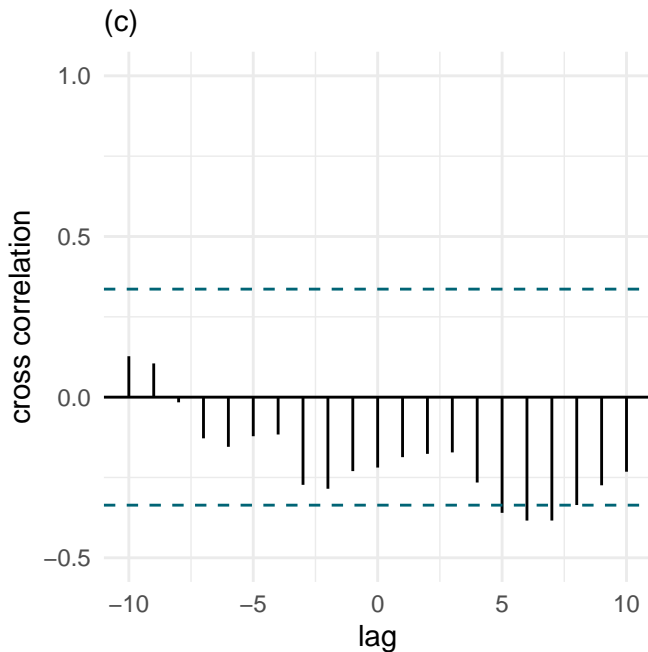
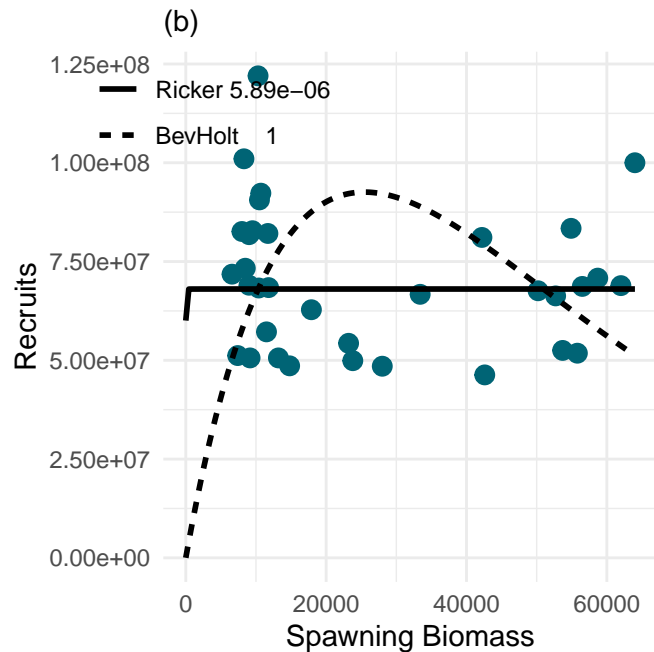
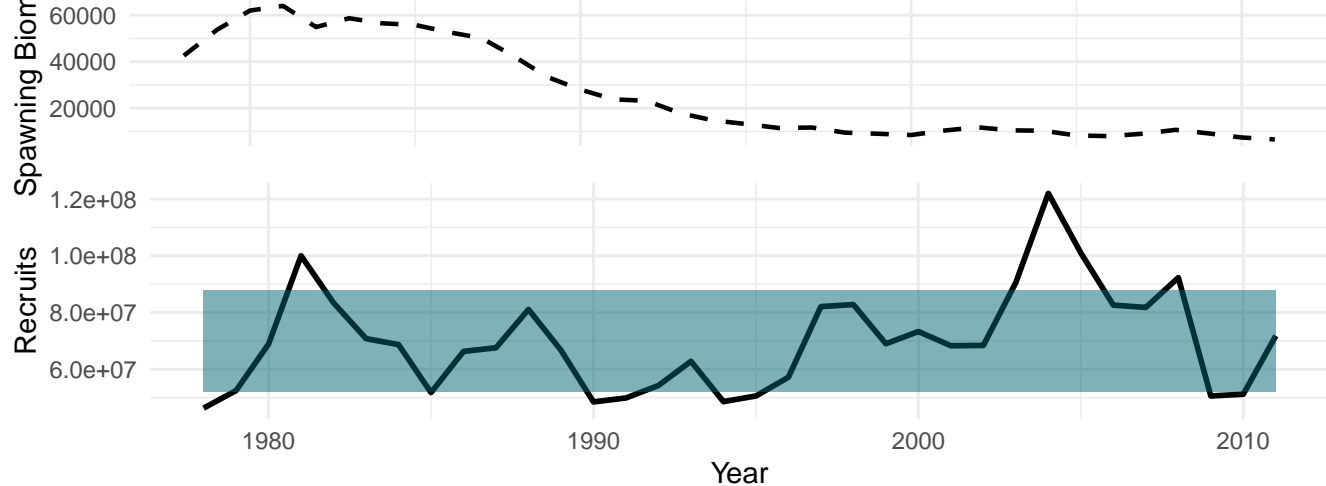
(b)



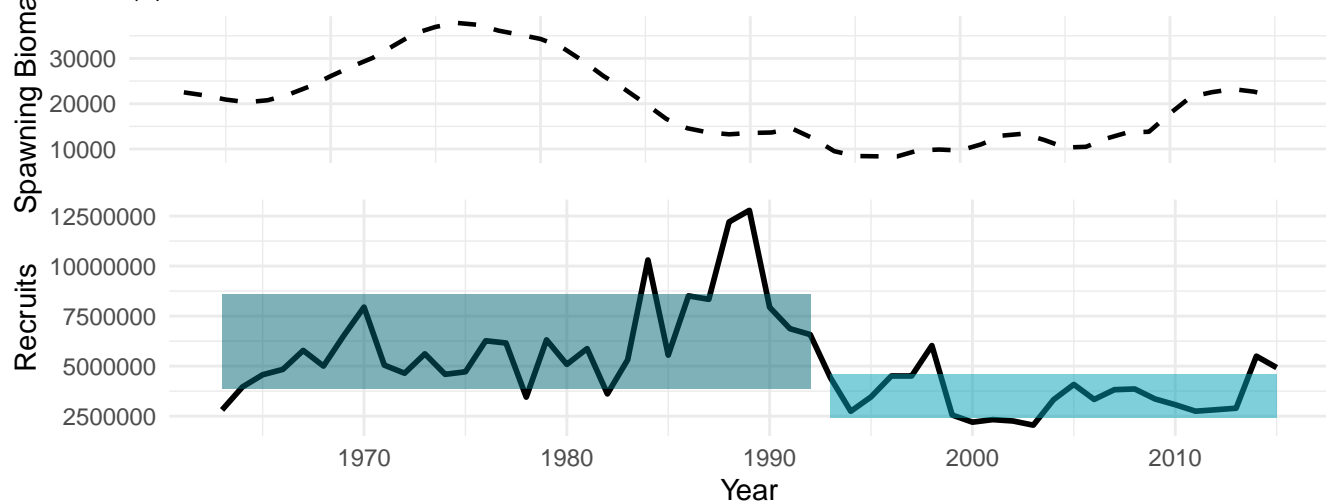
(c)



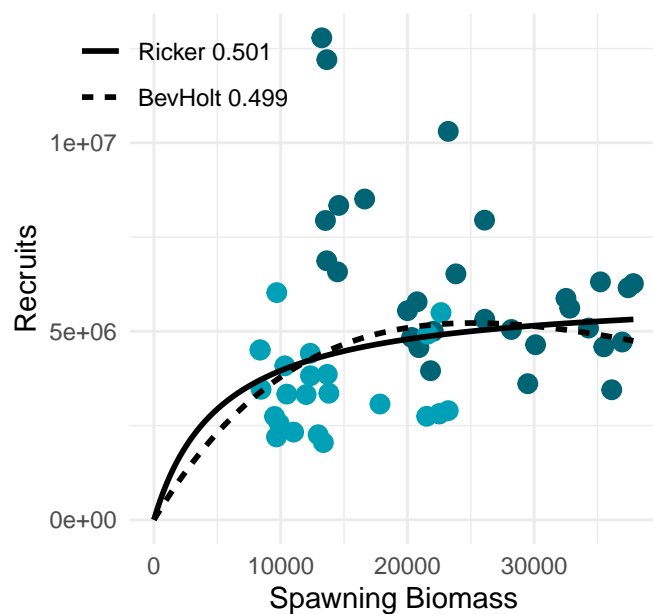
White hake
Urophycis tenuis
 Area ID: Canada-DFO-4T
 (a)



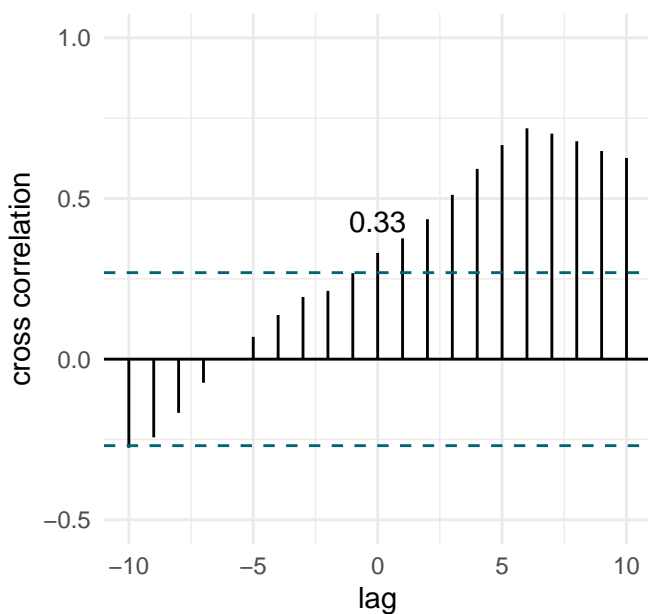
White hake
Urophycis tenuis
Area ID: USA-NMFS-5YZ
(a)



(b)



(c)

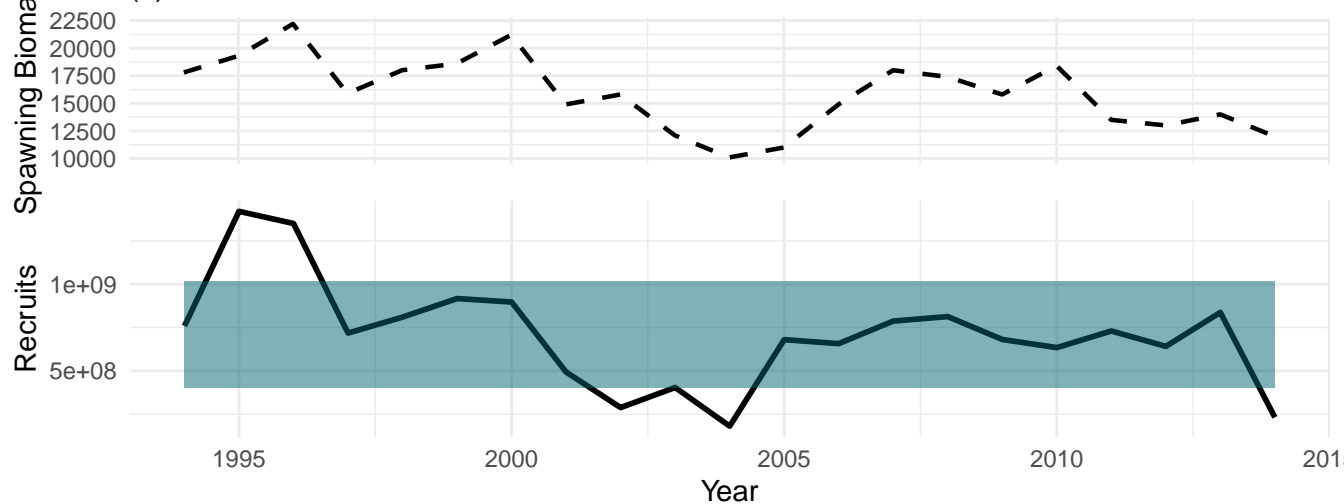


Whiting

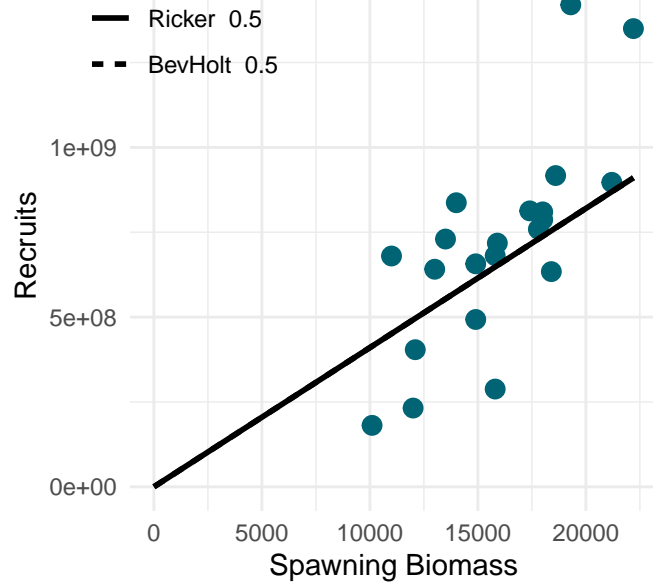
Merlangius merlangus

Area ID: multinational-GFCM-GSA29

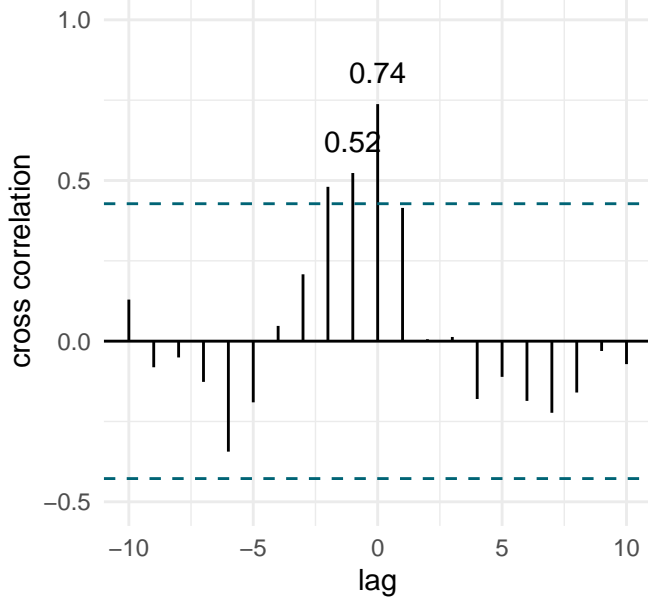
(a)



(b)



(c)

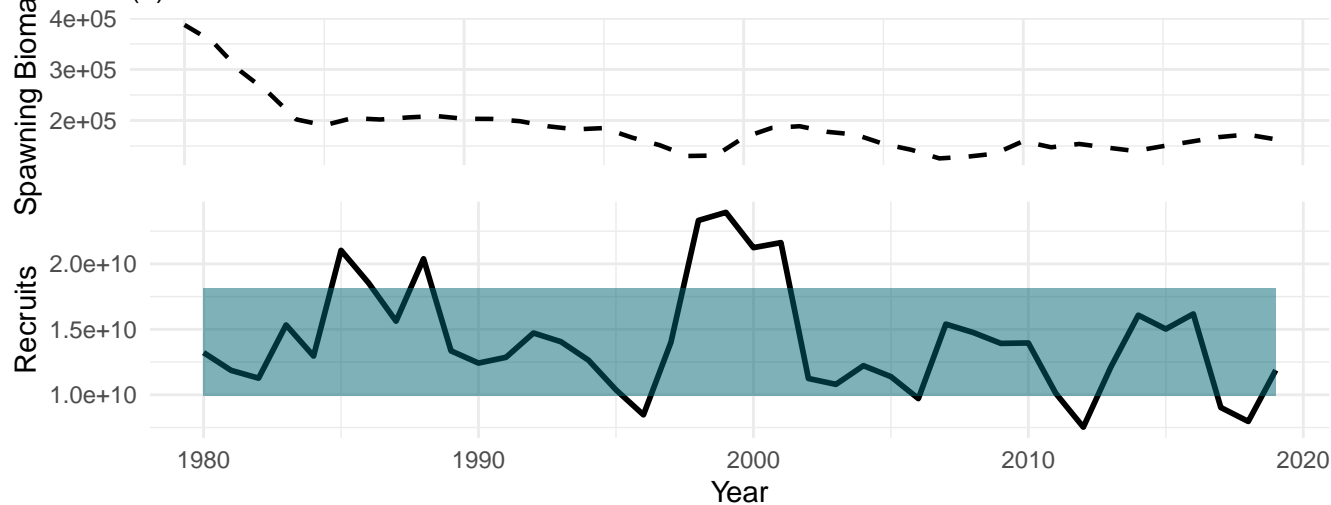


Whiting

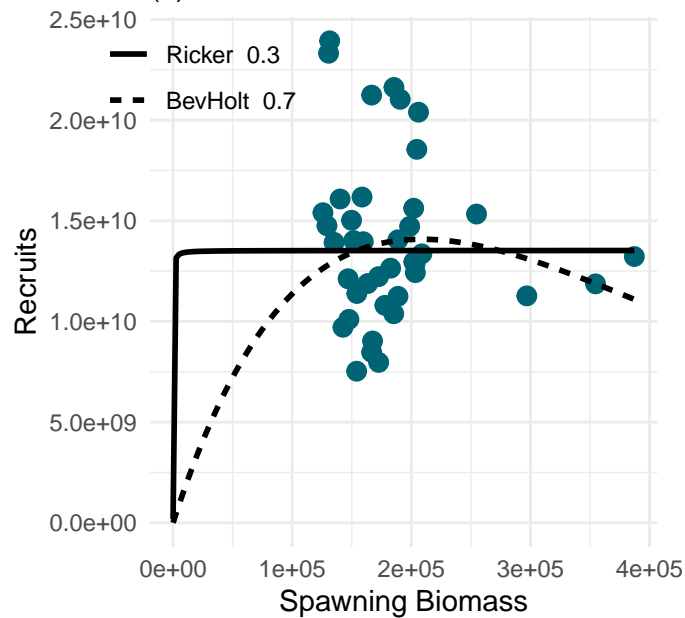
Merlangius merlangus

Area ID: multinational-ICES-IV-VIId

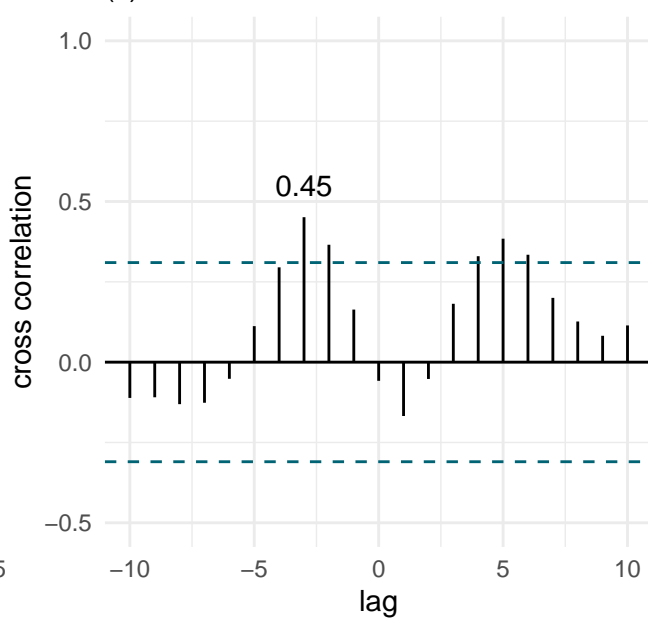
(a)



(b)



(c)

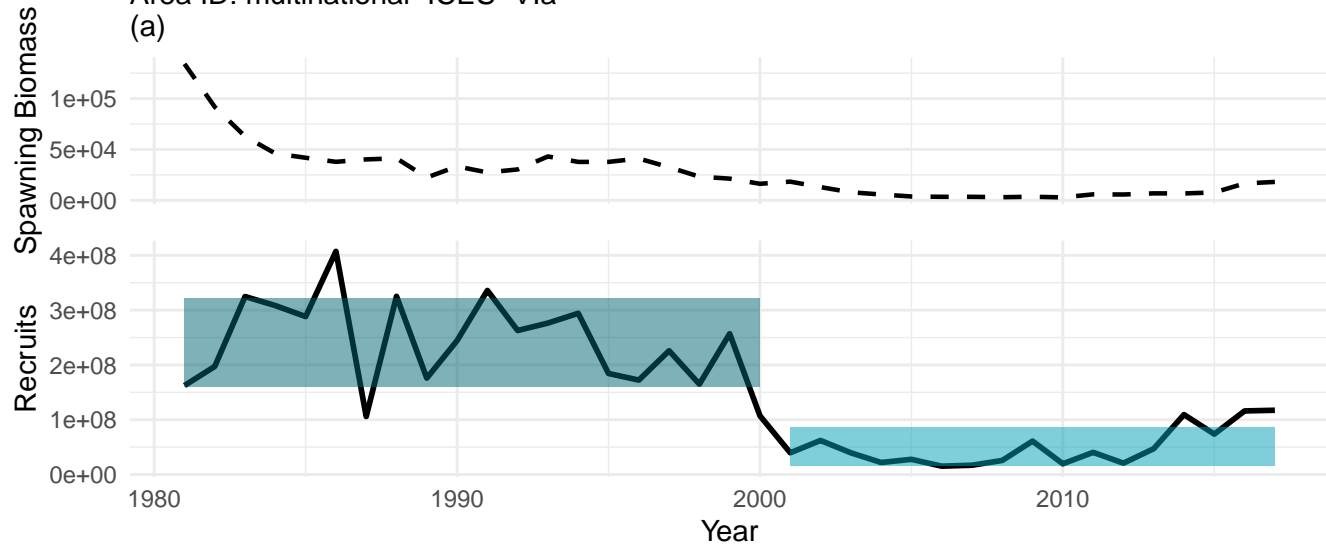


Whiting

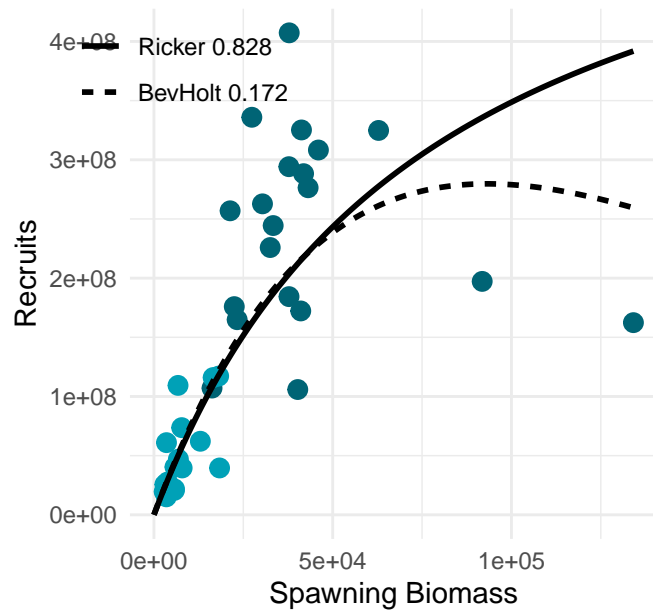
Merlangius merlangus

Area ID: multinational-ICES-VIa

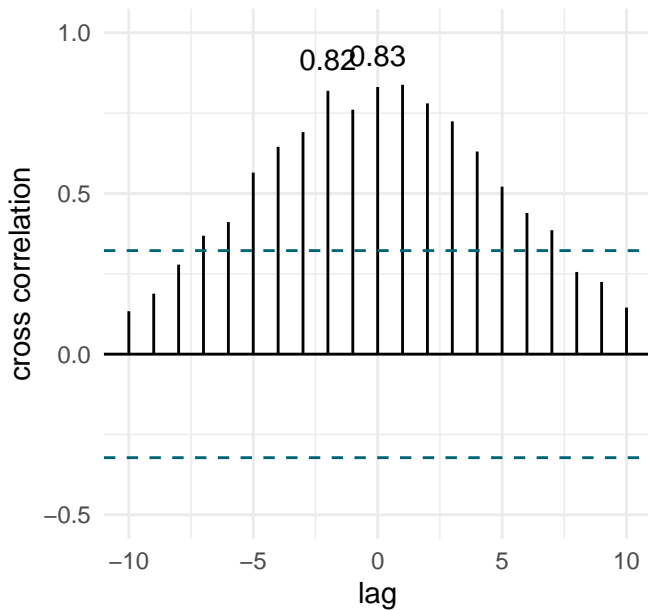
(a)



(b)



(c)

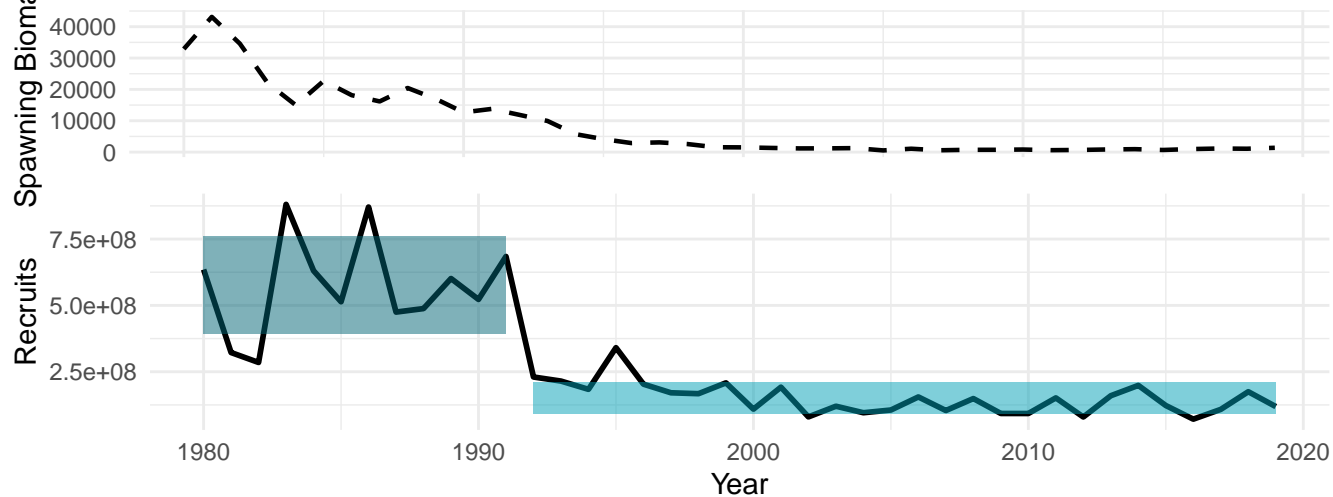


Whiting

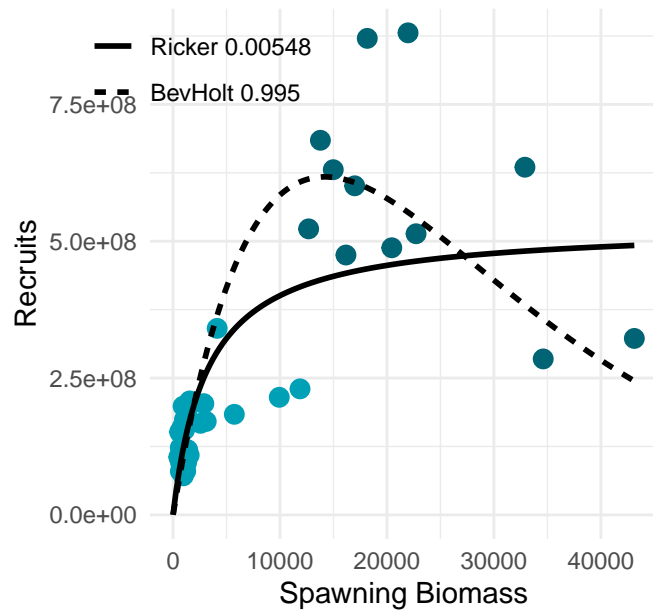
Merlangius merlangus

Area ID: multinational-ICES-VIIa

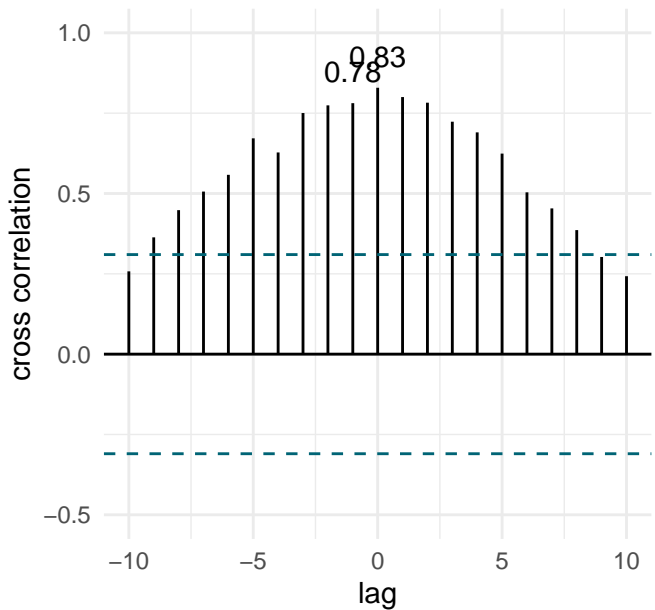
(a)



(b)



(c)

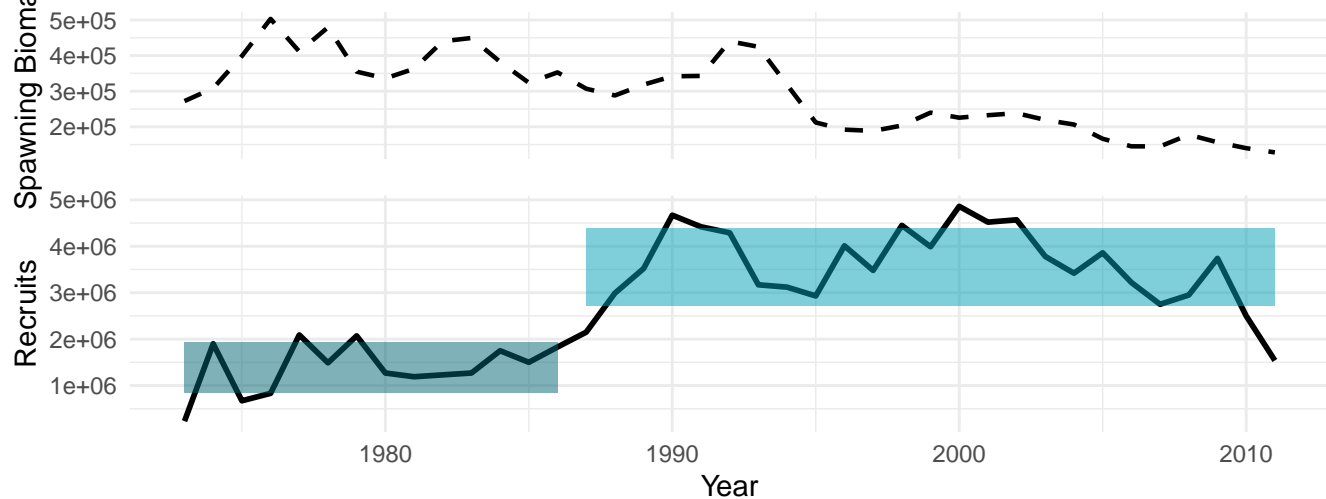


Winter flounder

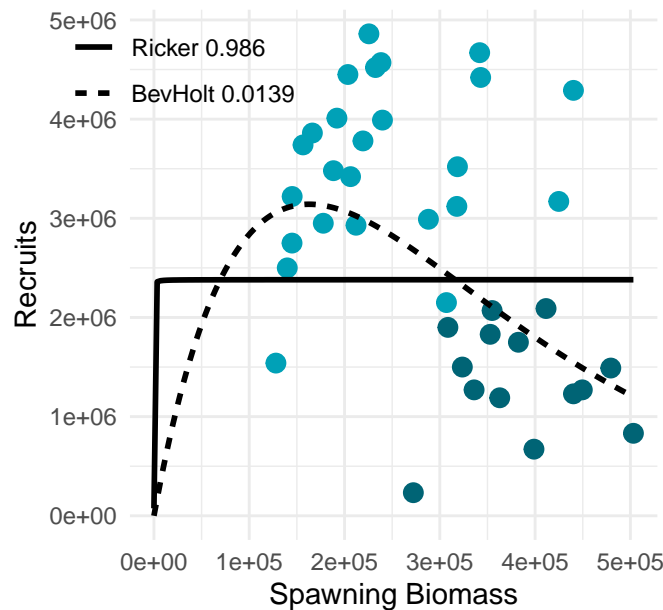
Pseudopleuronectes americanus

Area ID: Canada-DFO-4T

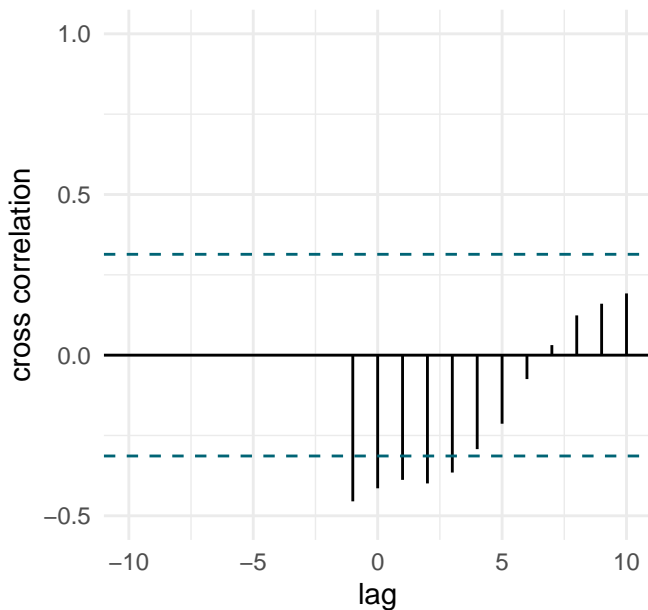
(a)



(b)



(c)

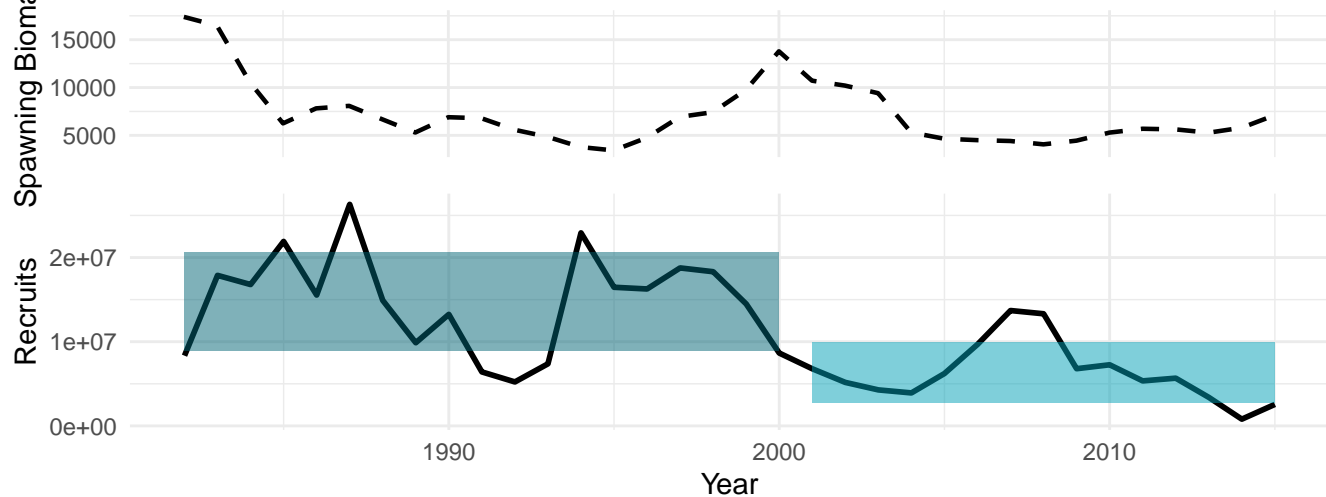


Winter flounder

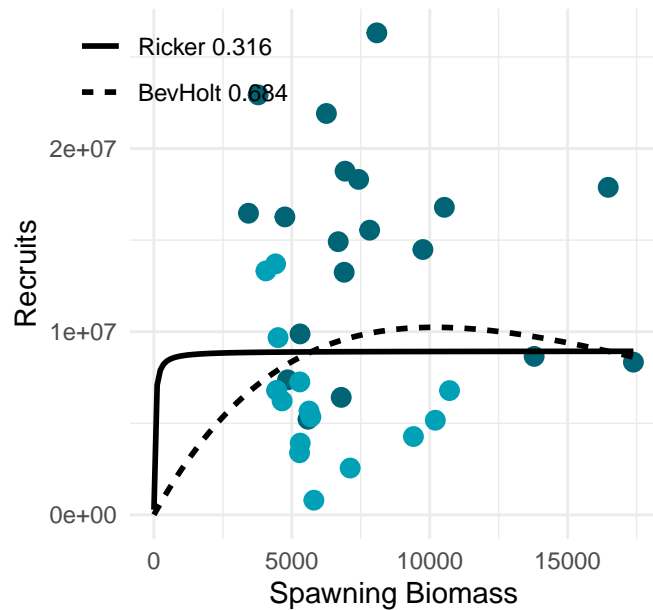
Pseudopleuronectes americanus

Area ID: USA-NMFS-5Z

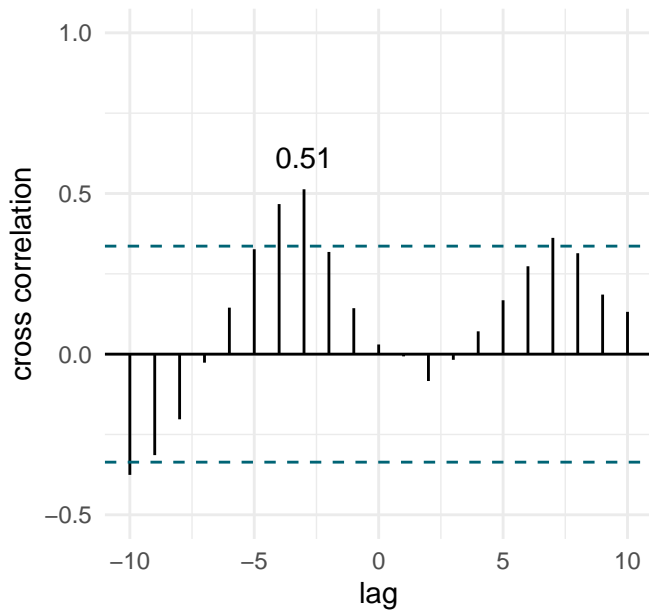
(a)



(b)



(c)

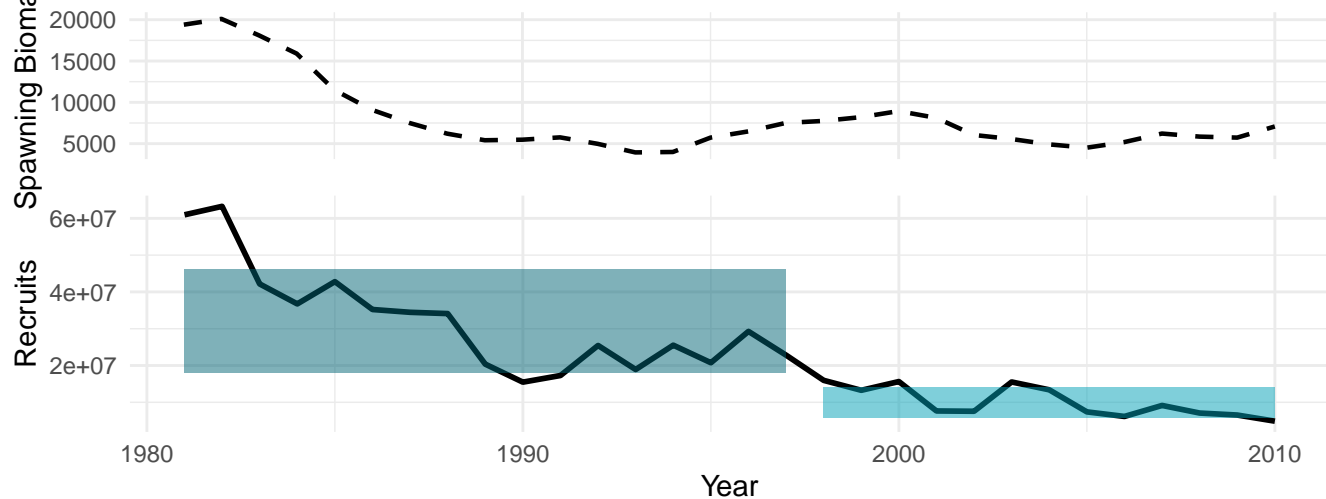


Winter flounder

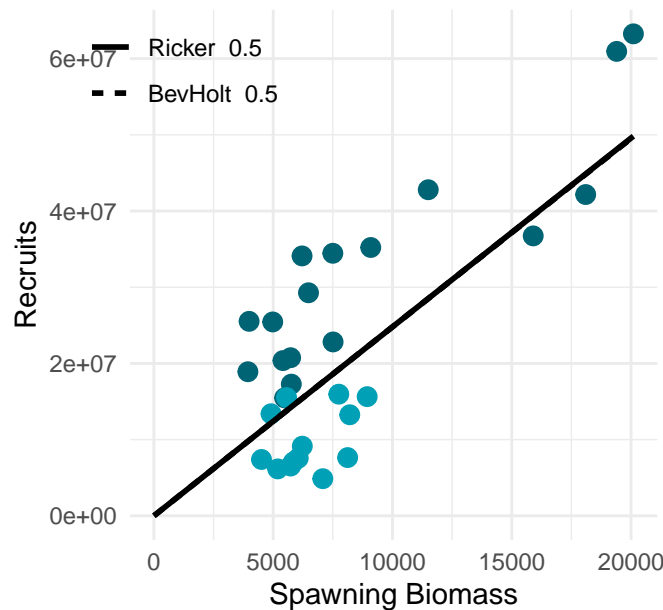
Pseudopleuronectes americanus

Area ID: USA-NMFS-SNEMATL

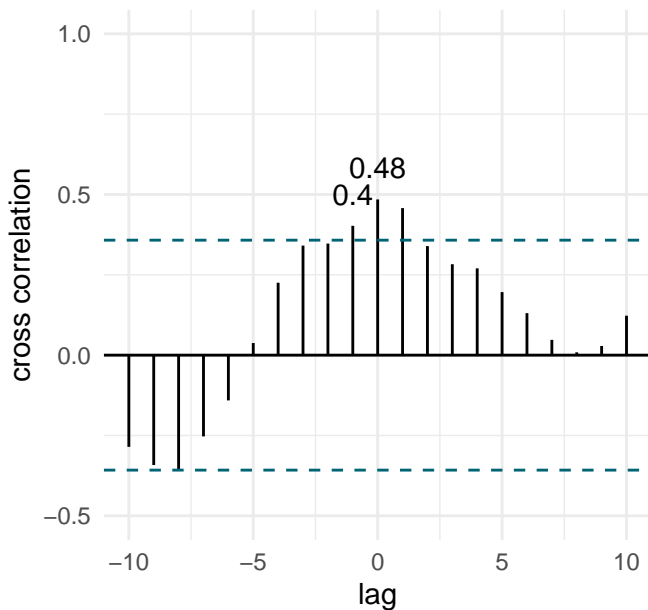
(a)



(b)



(c)

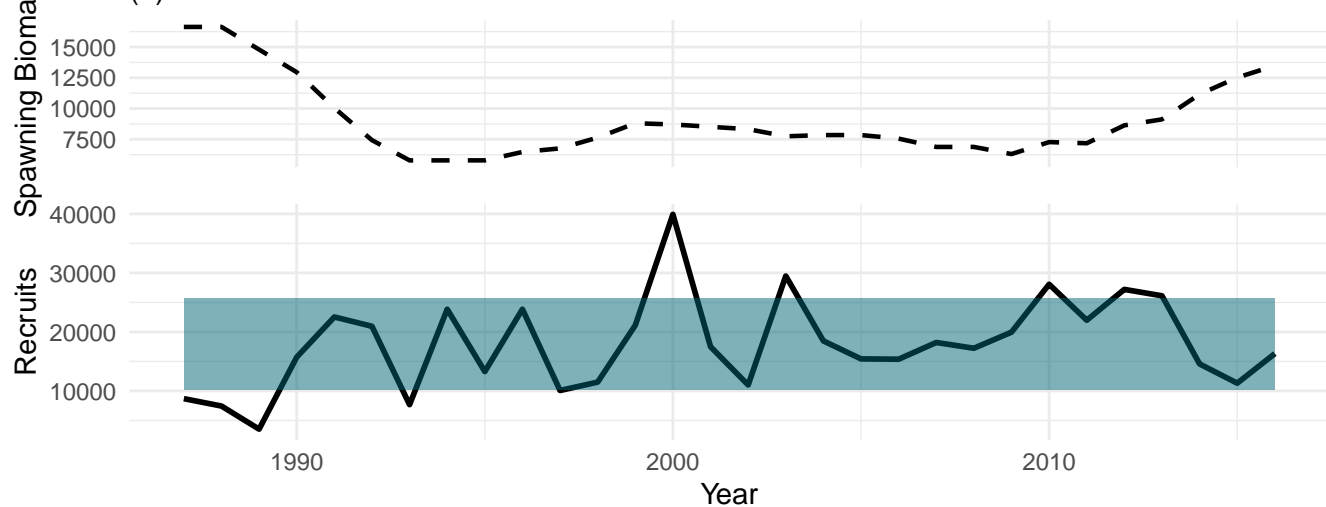


Witch flounder

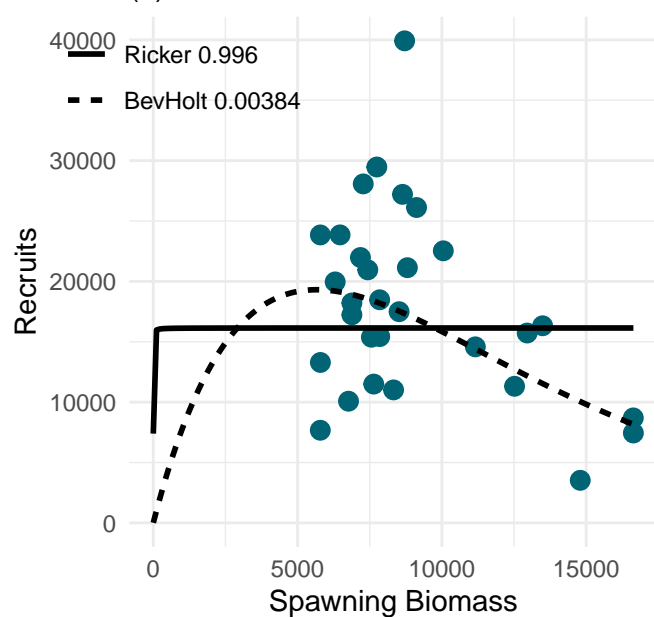
Glyptocephalus cynoglossus

Area ID: Canada-DFO-4RST

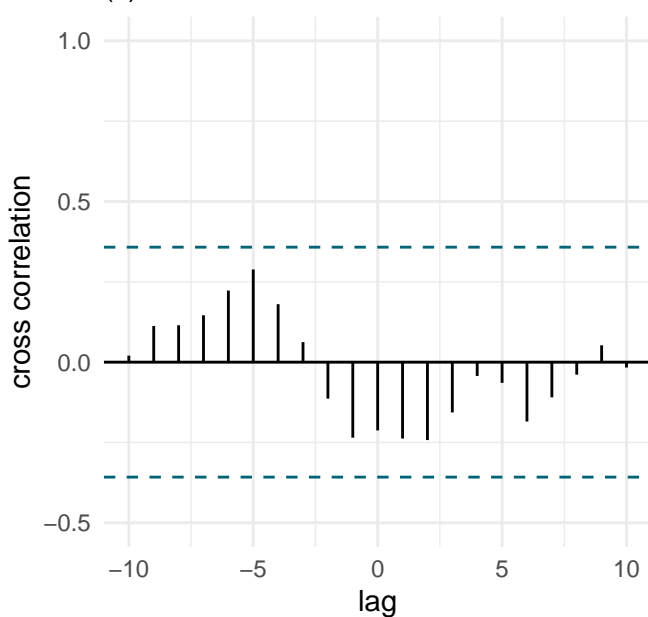
(a)



(b)



(c)

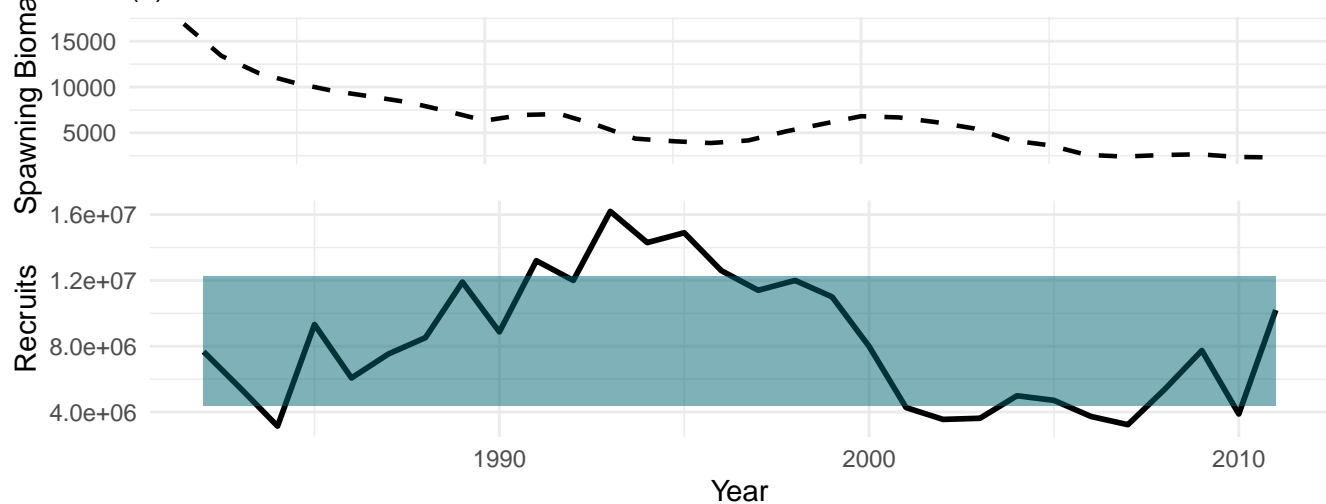


Witch flounder

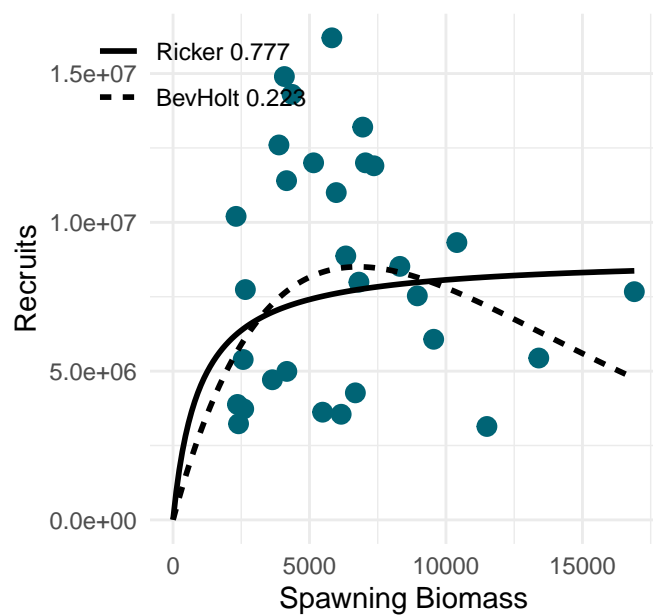
Glyptocephalus cynoglossus

Area ID: USA-NMFS-5Y

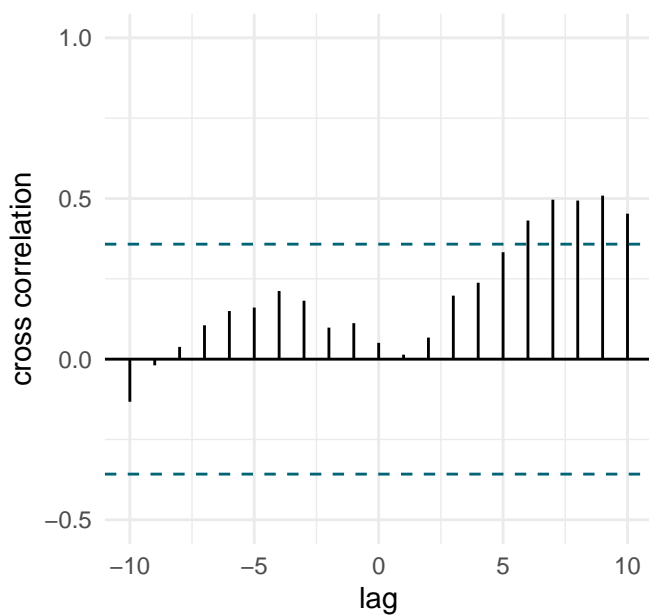
(a)



(b)



(c)

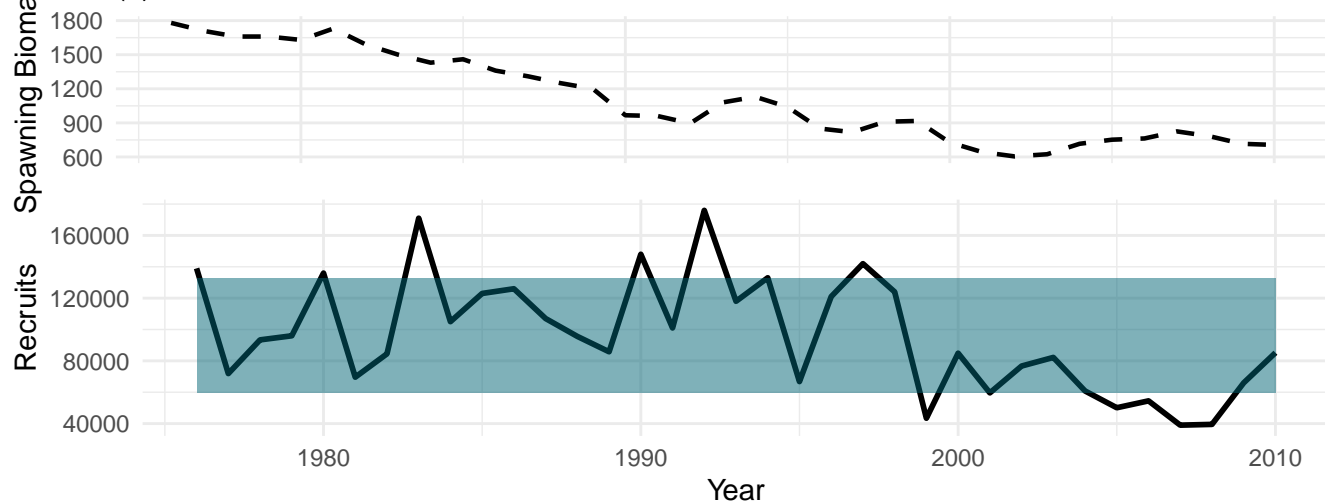


White marlin

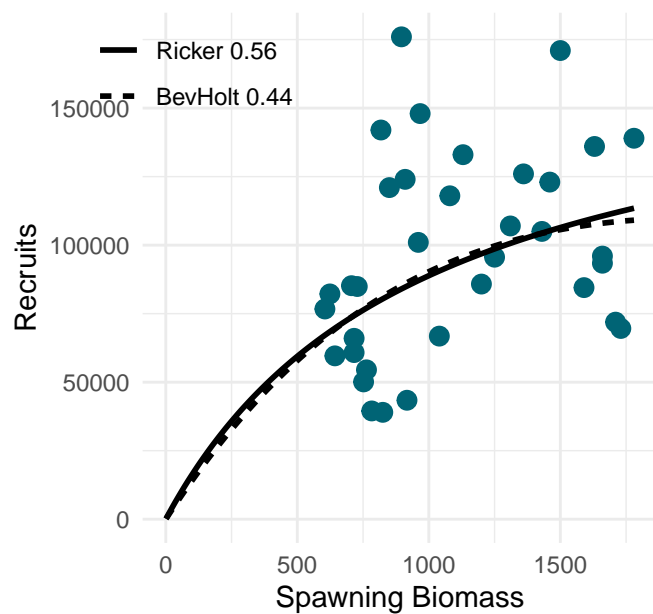
Tetrapturus albidus

Area ID: multinational-ICCAT-ATL

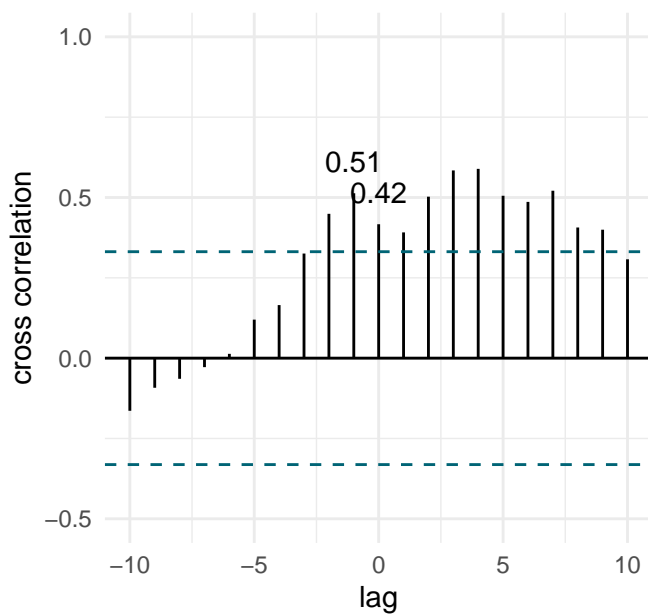
(a)



(b)



(c)

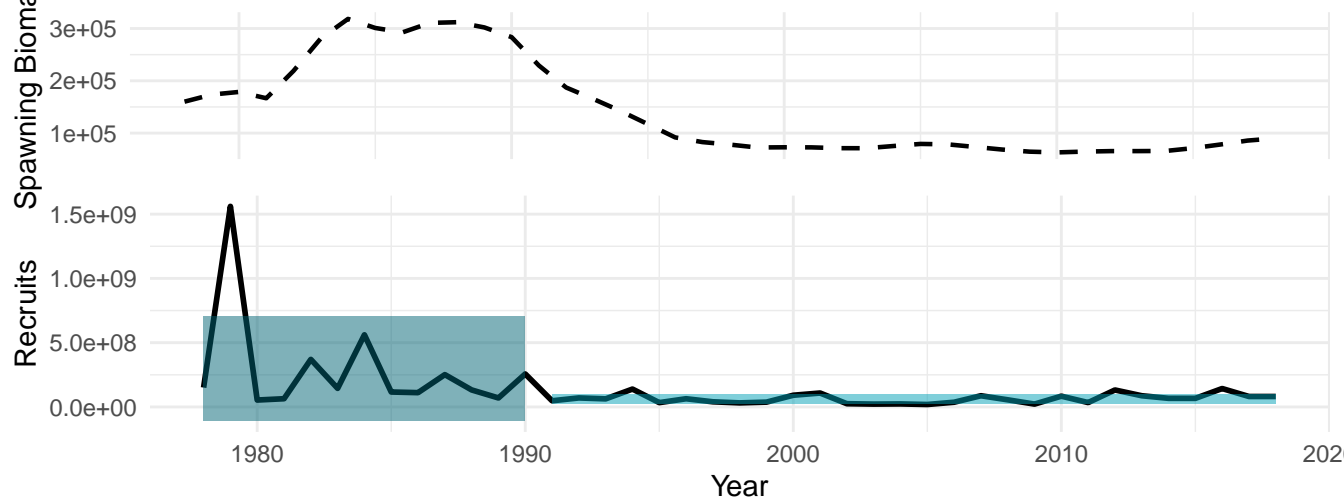


Walleye pollock

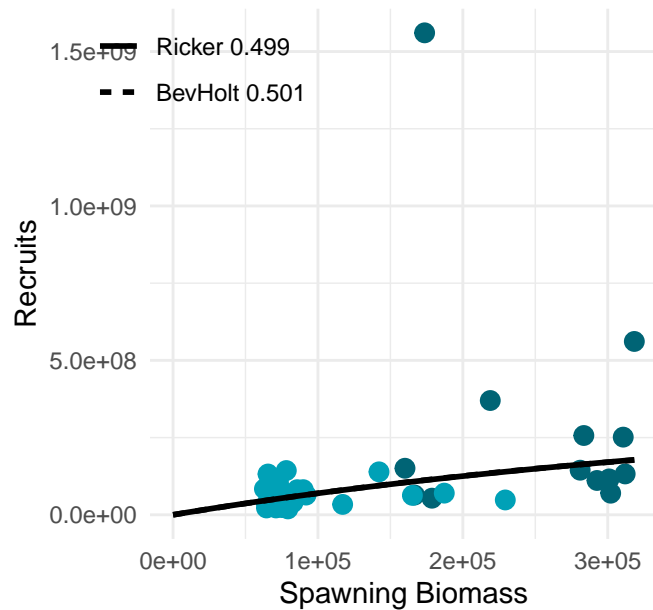
Theragra chalcogramma

Area ID: USA-NMFS-AI

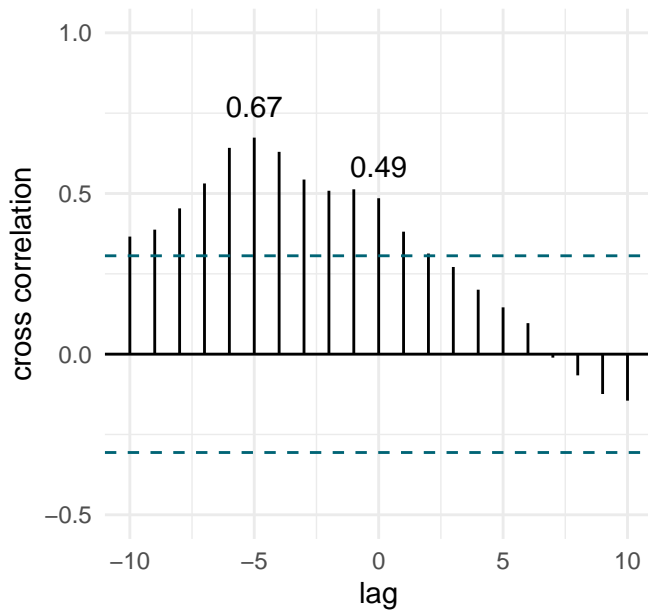
(a)



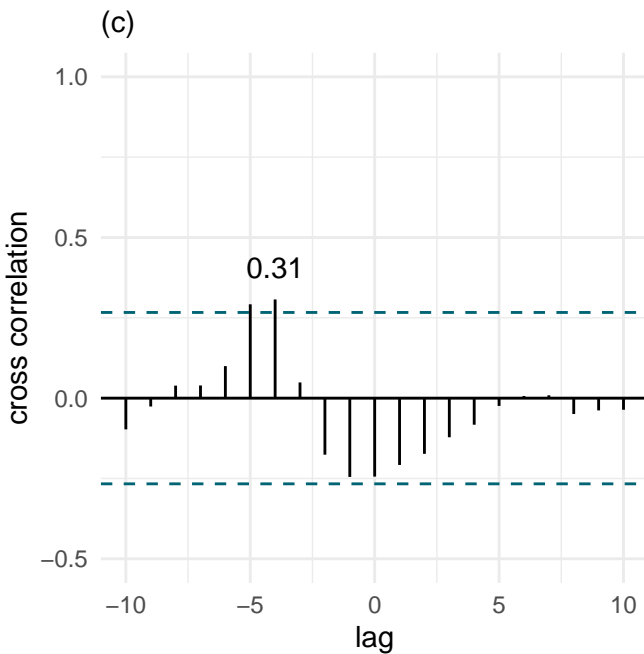
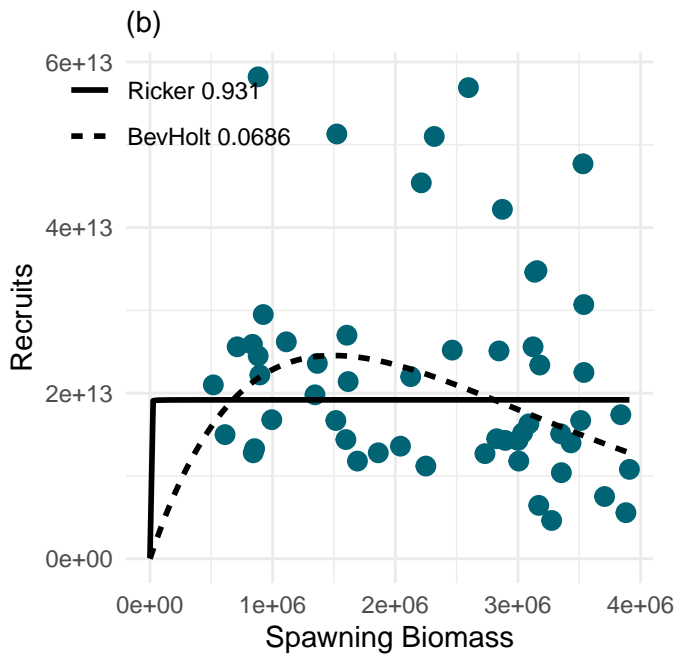
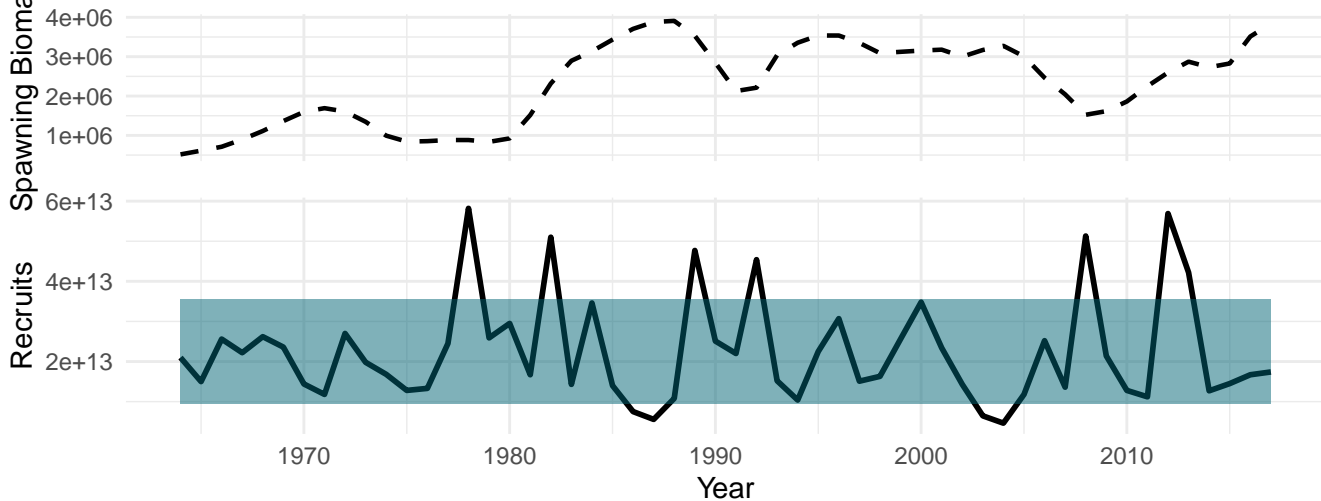
(b)



(c)



Walleye pollock
Theragra chalcogramma
Area ID: USA-NMFS-EBS
(a)

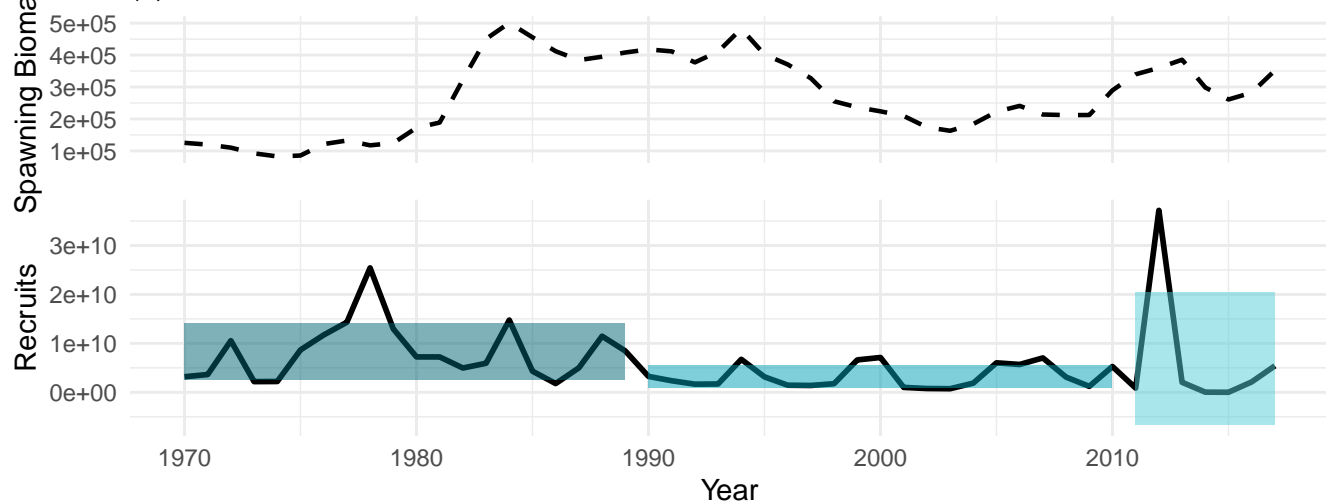


Walleye pollock

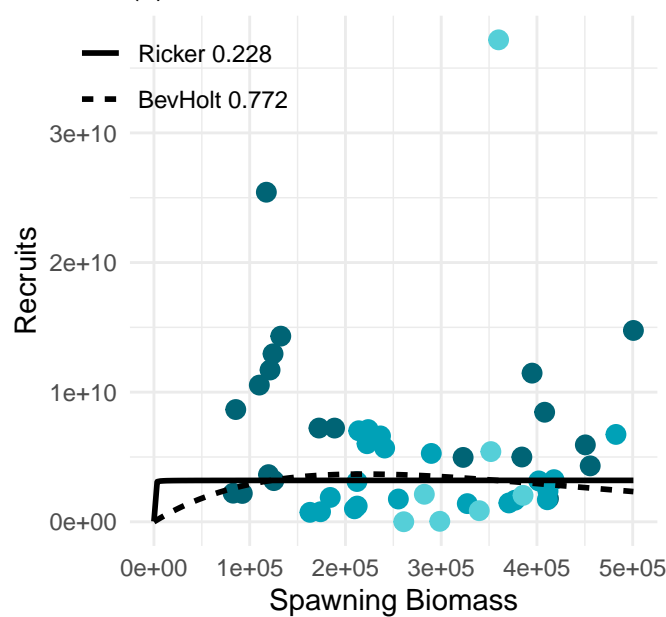
Theragra chalcogramma

Area ID: USA-NMFS-GA

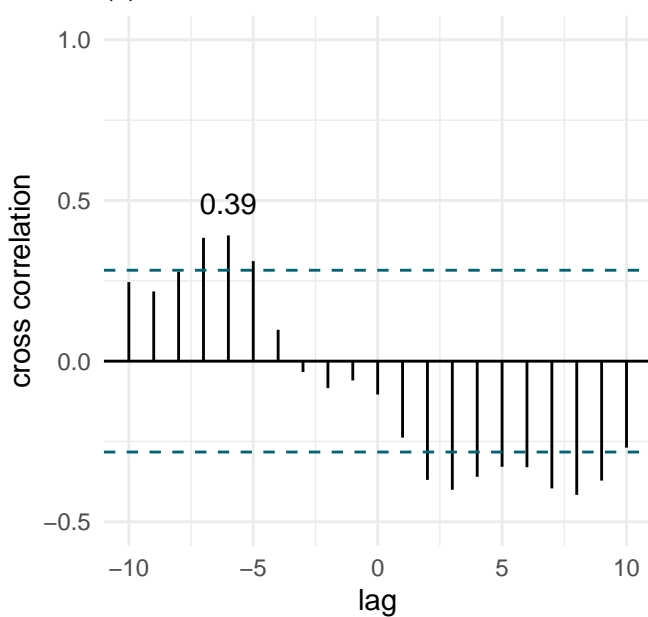
(a)



(b)



(c)

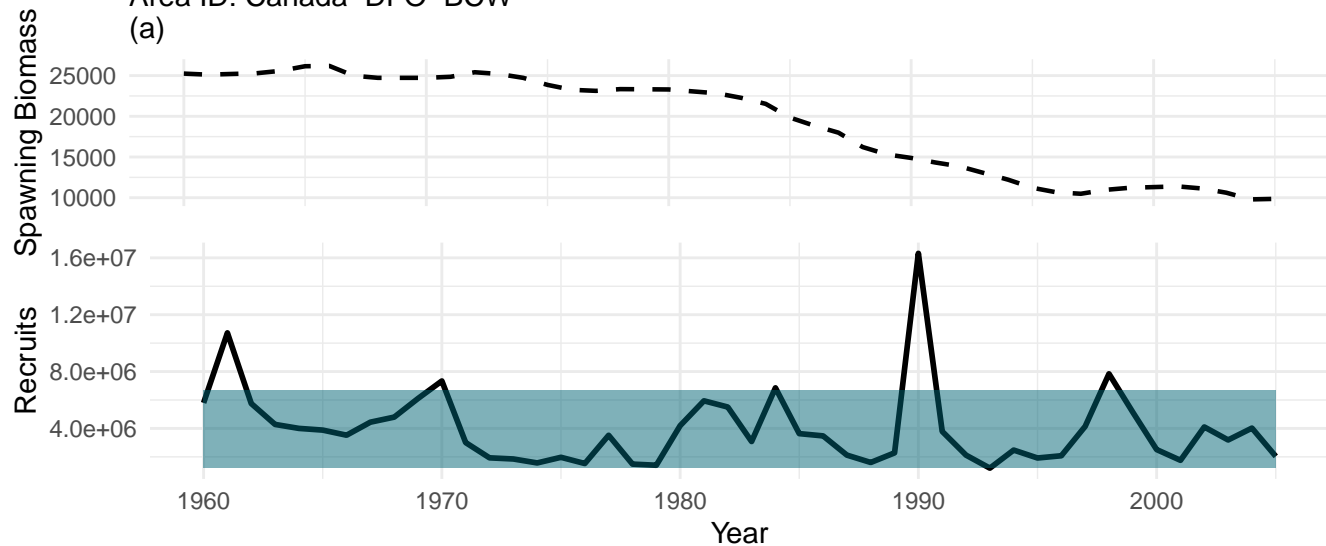


Widow rockfish

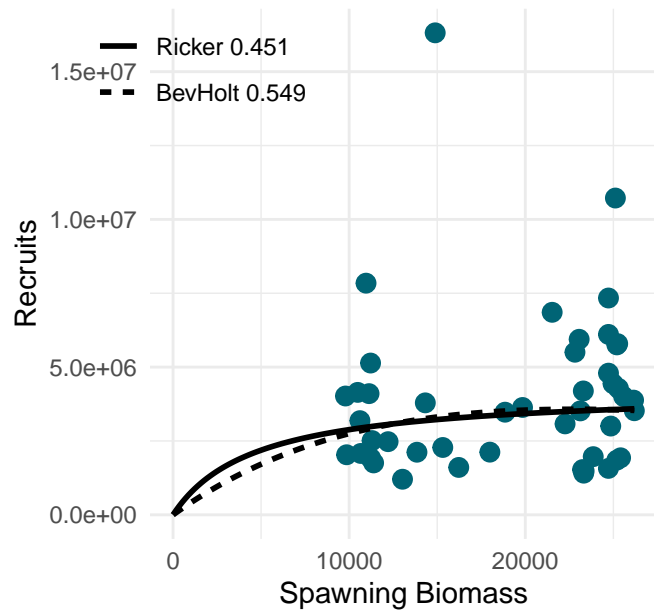
Sebastes entomelas

Area ID: Canada-DFO-BCW

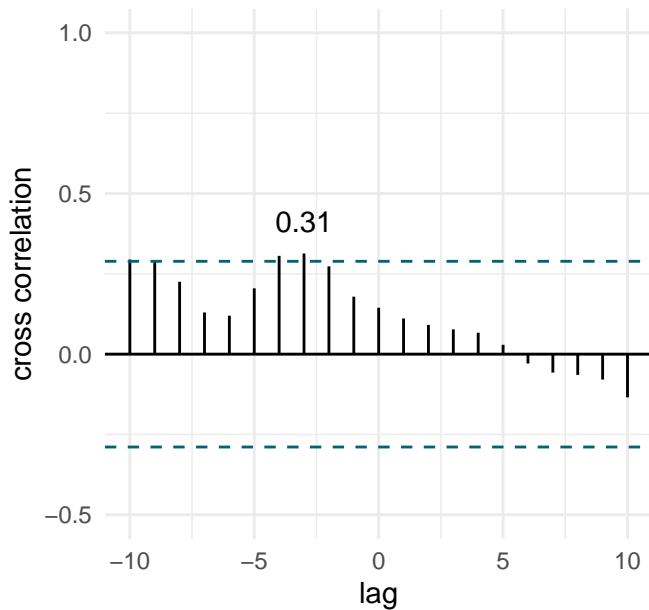
(a)



(b)



(c)

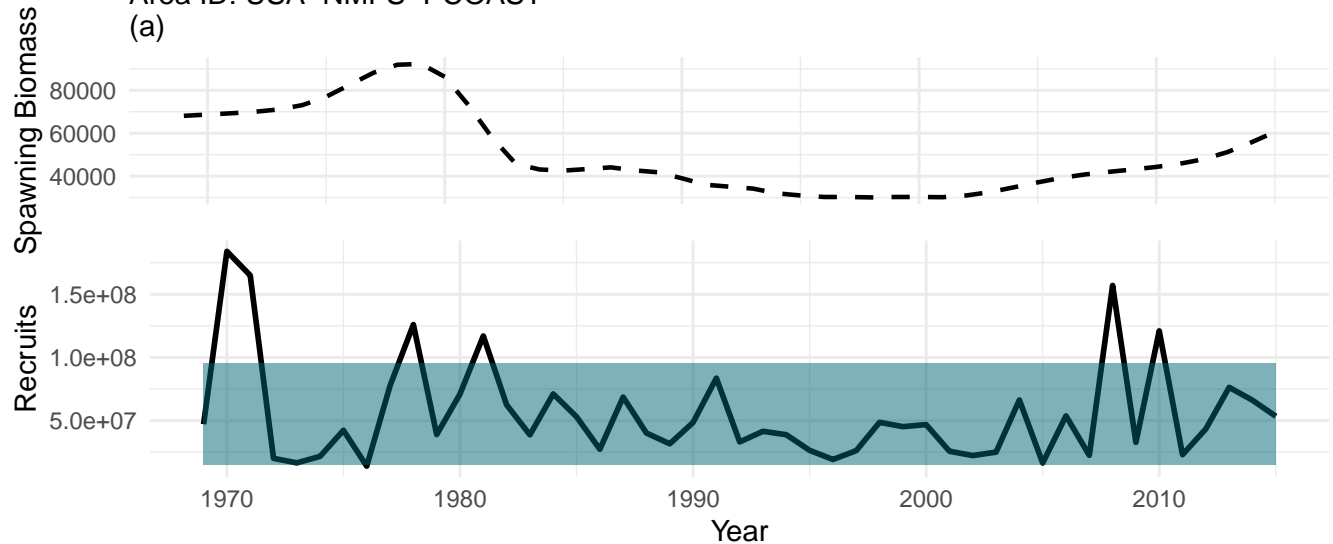


Widow rockfish

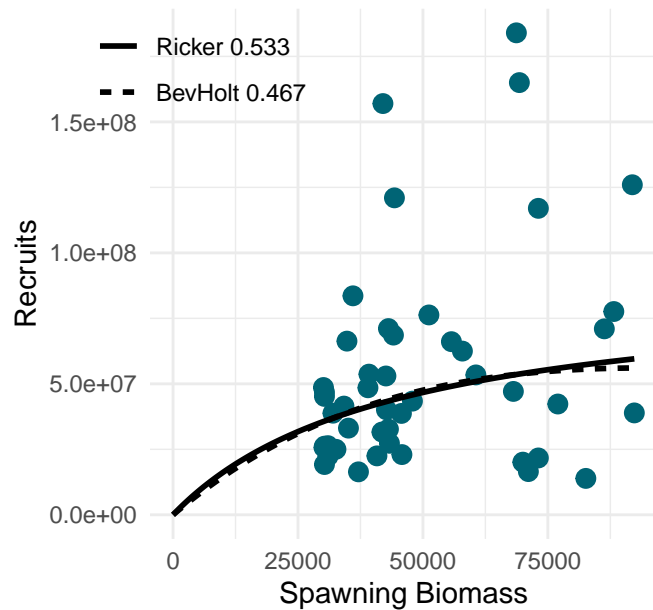
Sebastes entomelas

Area ID: USA-NMFS-PCOAST

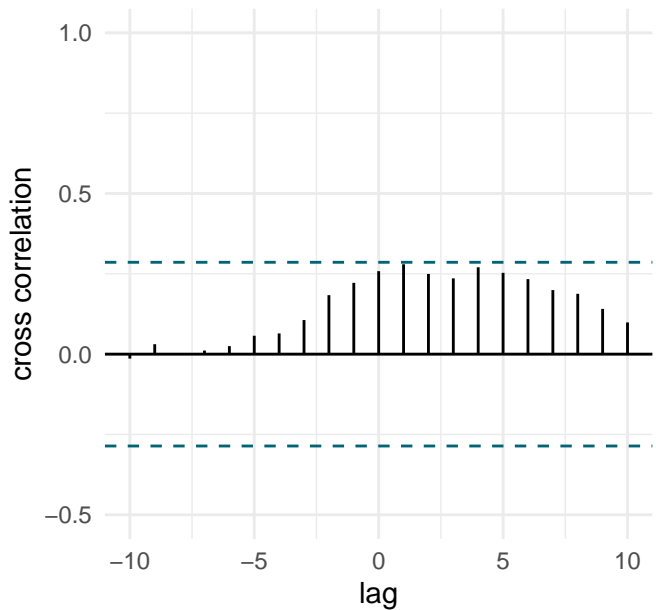
(a)



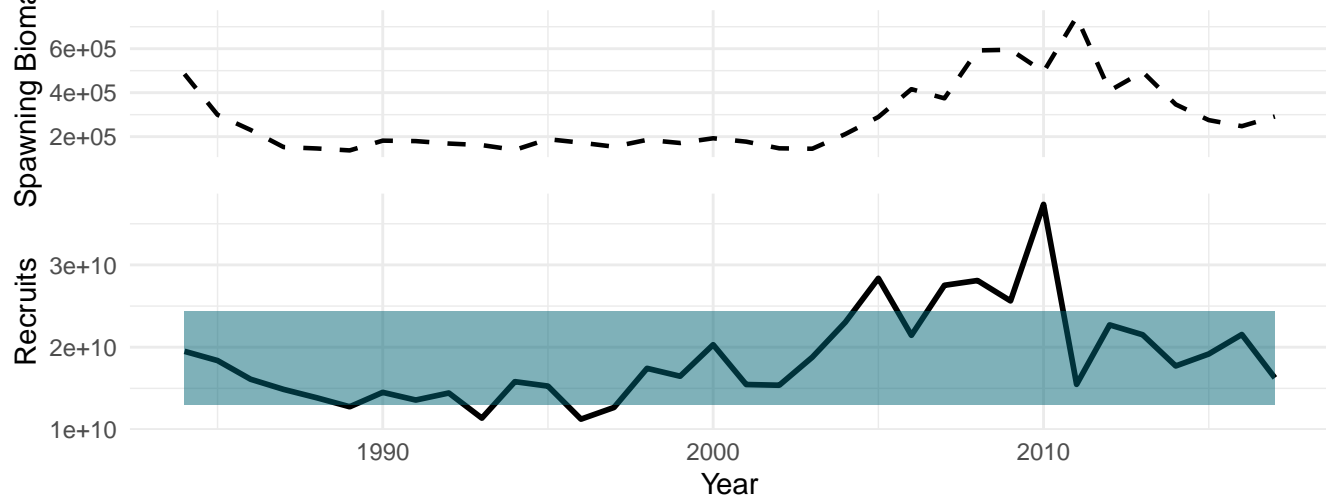
(b)



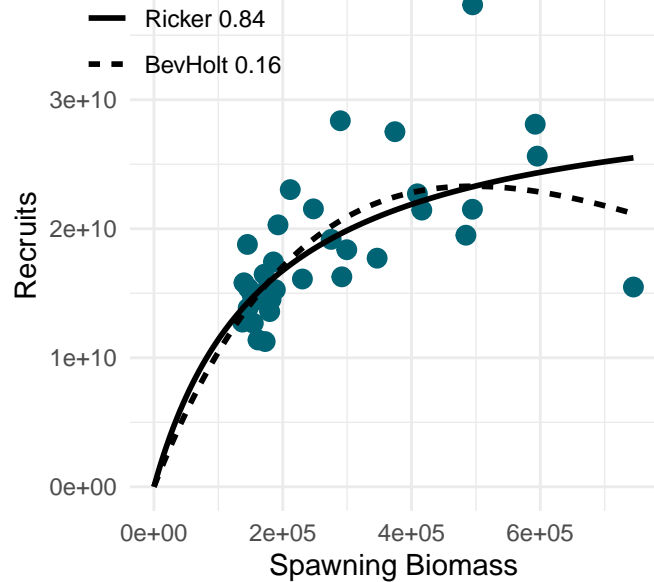
(c)



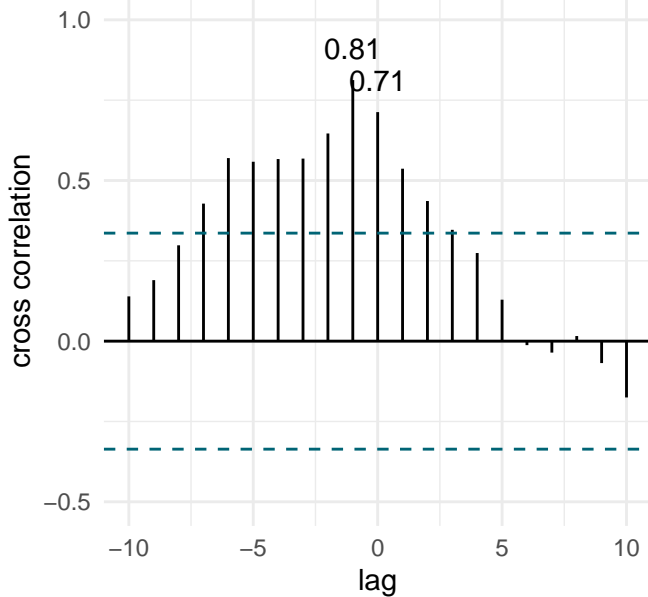
White shrimp
Litopenaeus setiferus
Area ID: USA-NMFS-GM
(a)



(b)



(c)

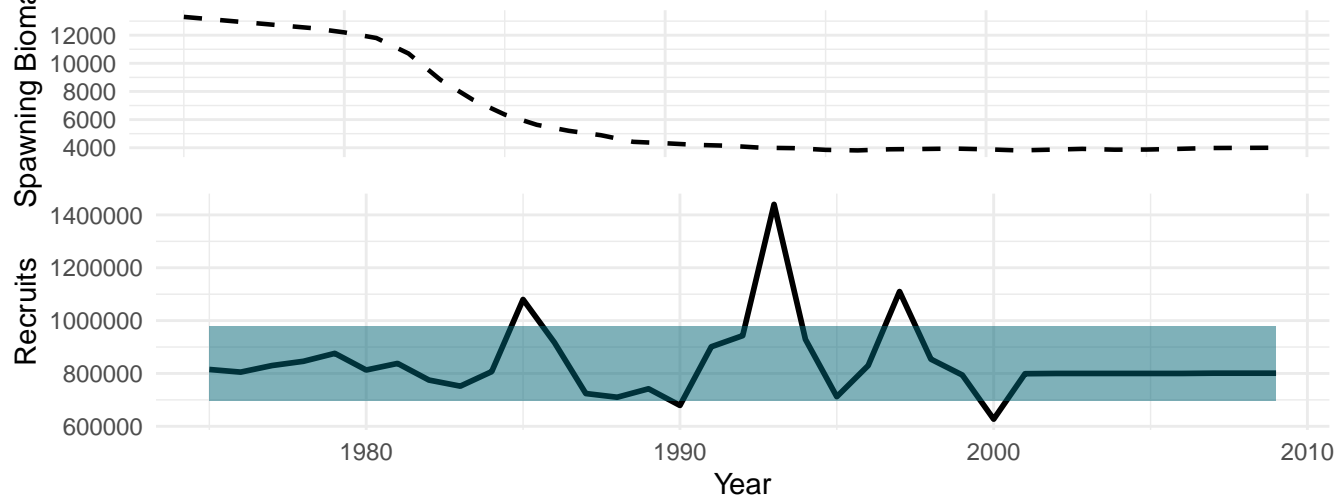


Yellowedge grouper

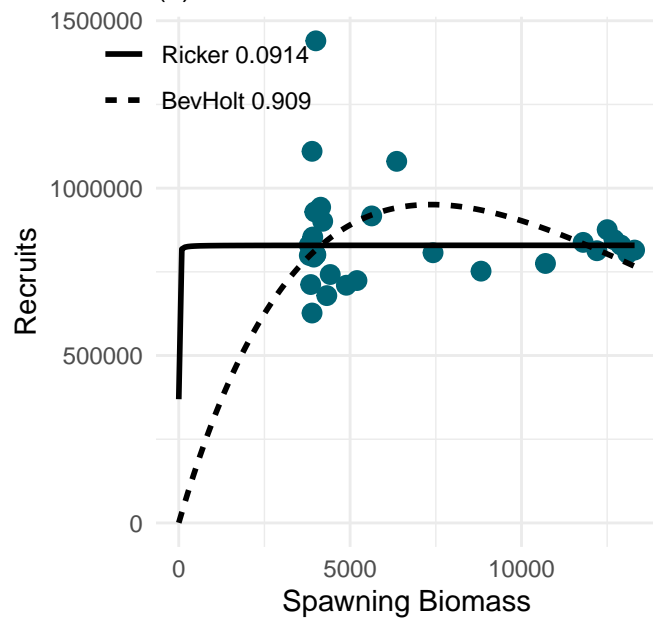
Epinephelus flavolimbatus

Area ID: USA-NMFS-GM

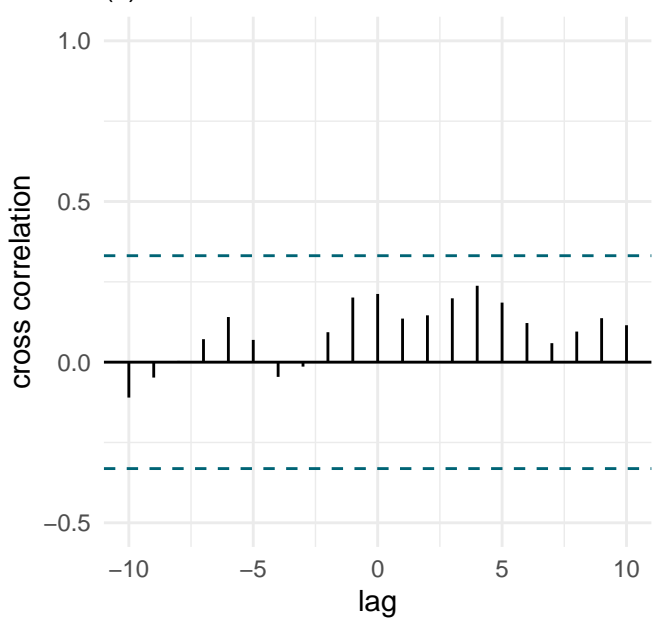
(a)



(b)



(c)

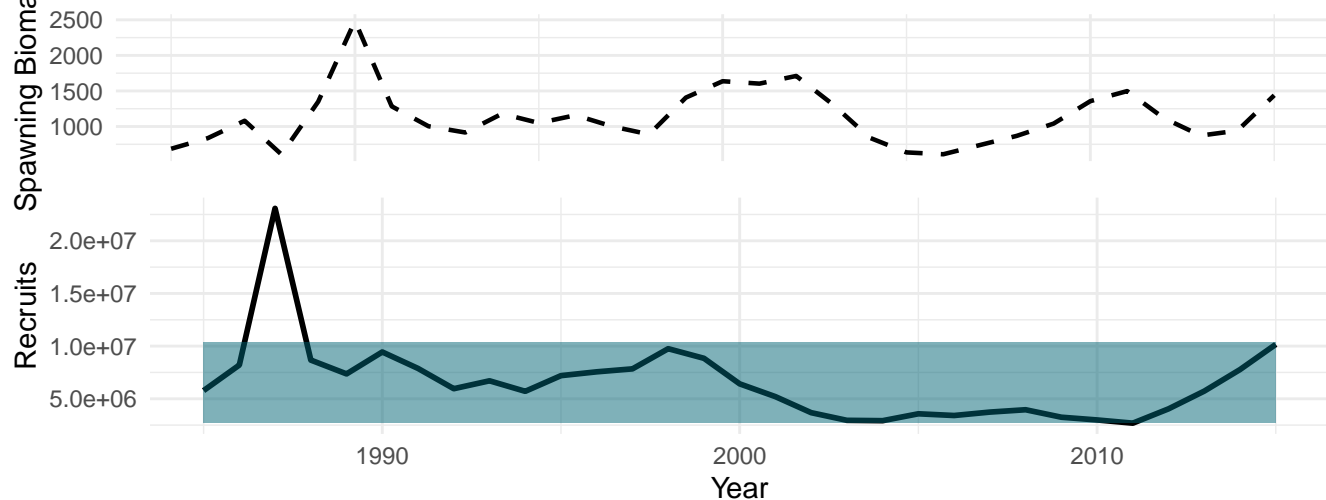


Yellowtail flounder

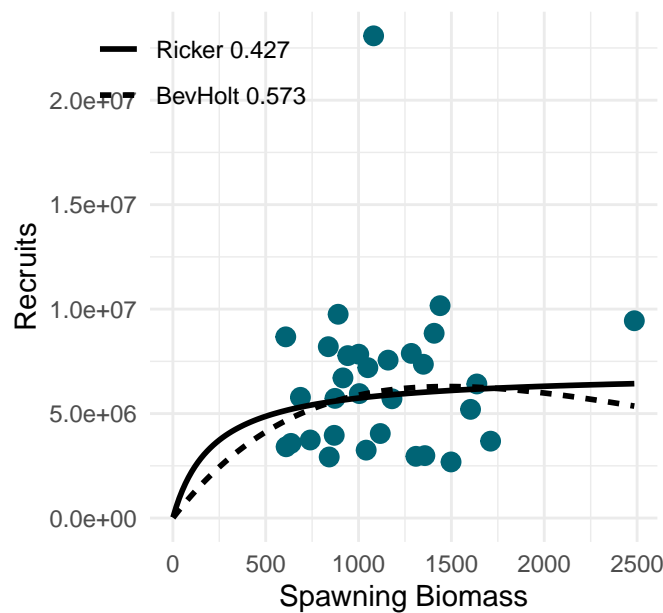
Limanda ferruginea

Area ID: USA-NMFS-CCOD5Y

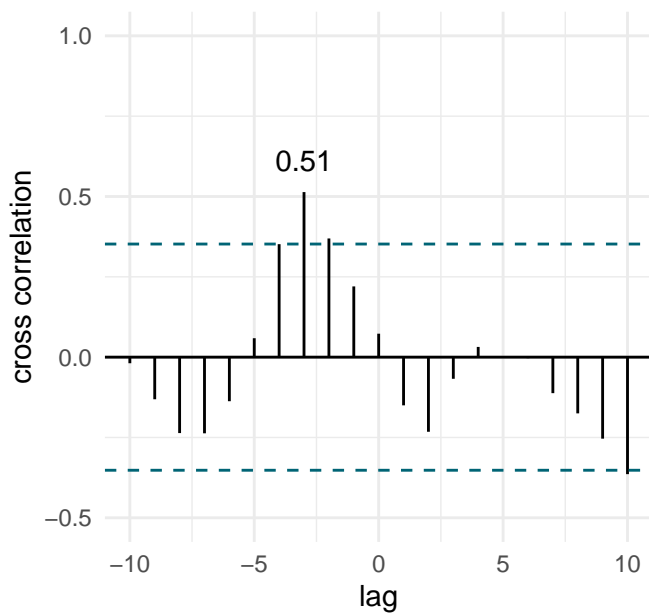
(a)



(b)



(c)

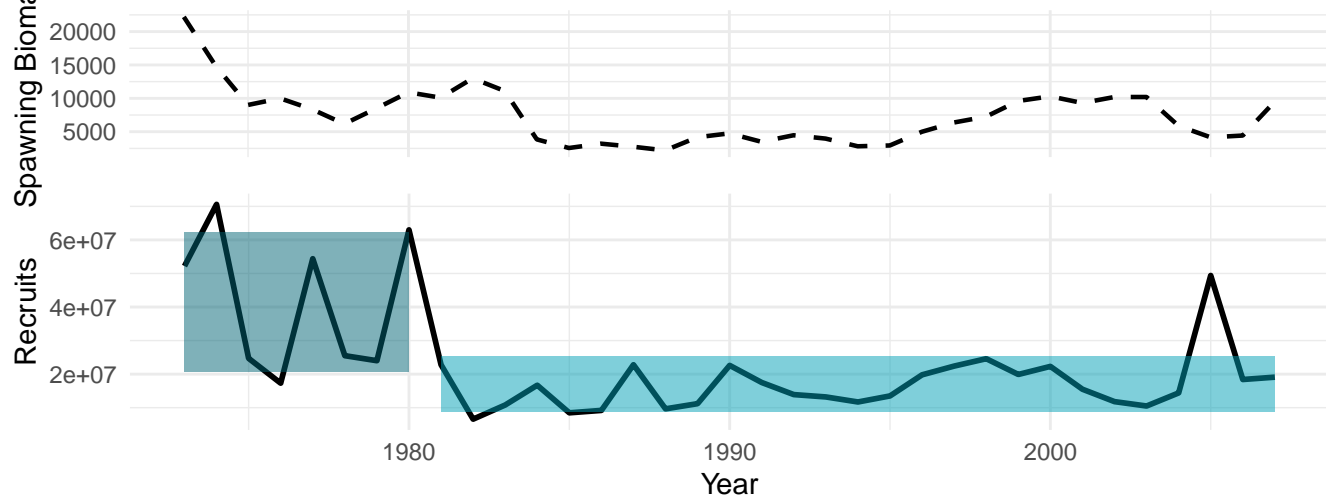


Yellowtail flounder

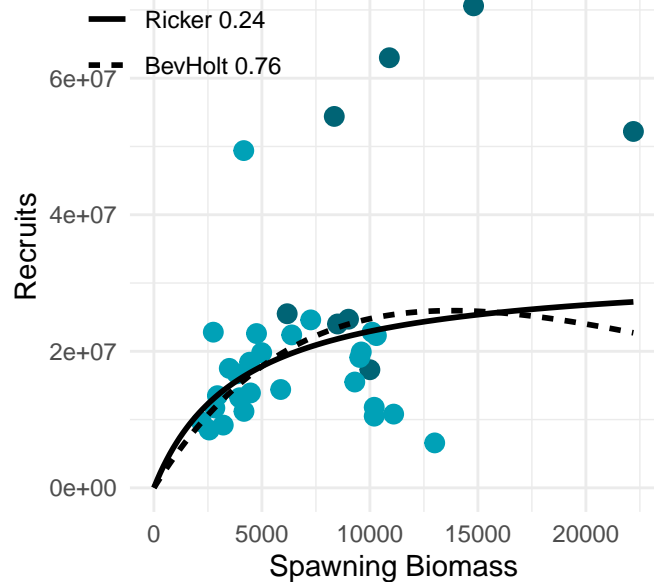
Limanda ferruginea

Area ID: USA-NMFS-GB

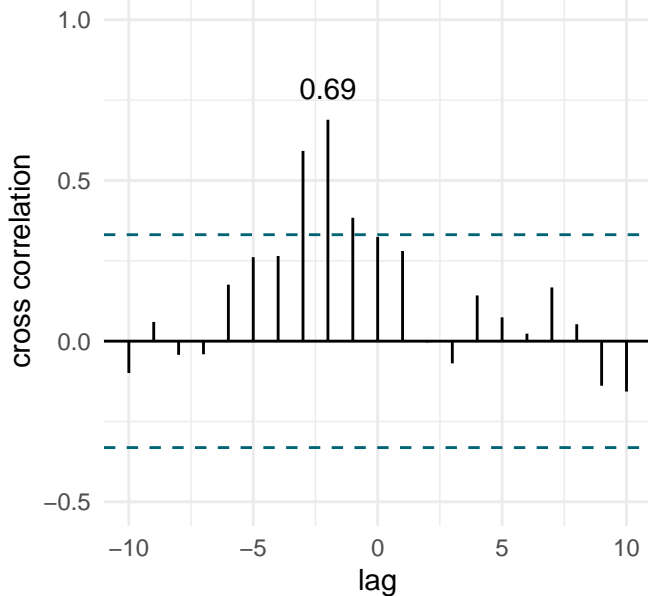
(a)



(b)



(c)

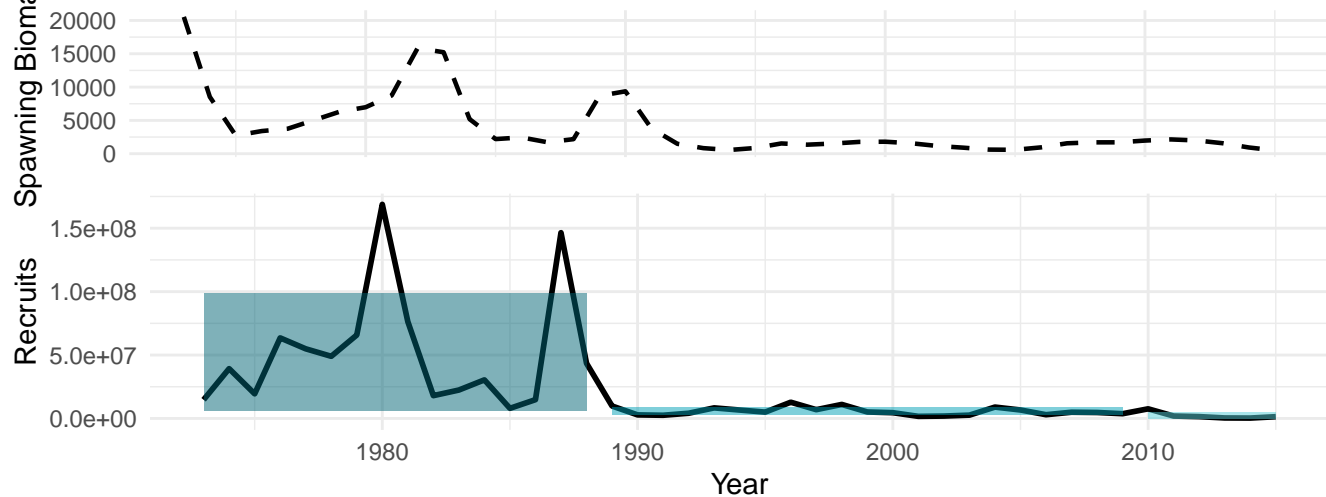


Yellowtail flounder

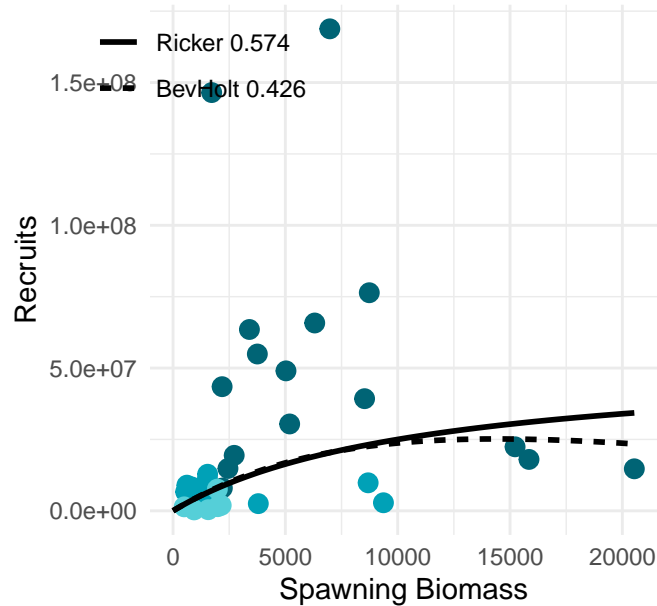
Limanda ferruginea

Area ID: USA-NMFS-SNEMATL

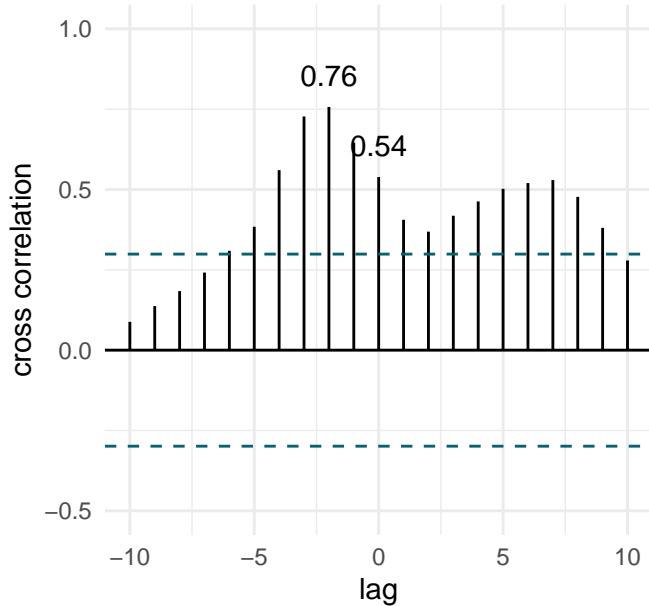
(a)



(b)



(c)

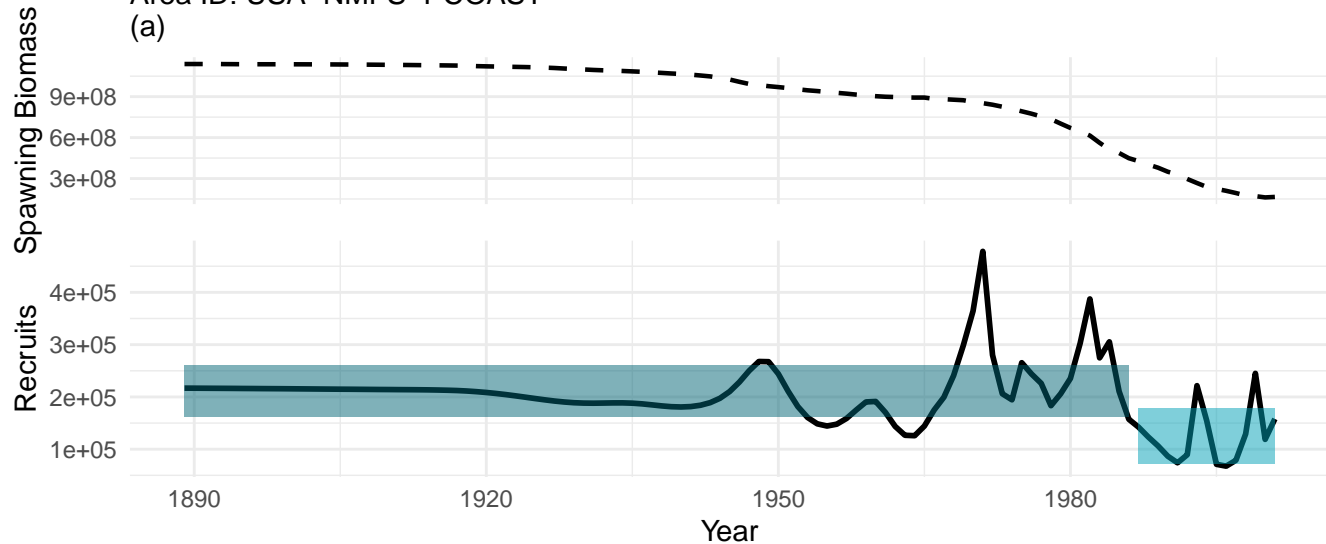


Yelloweye rockfish

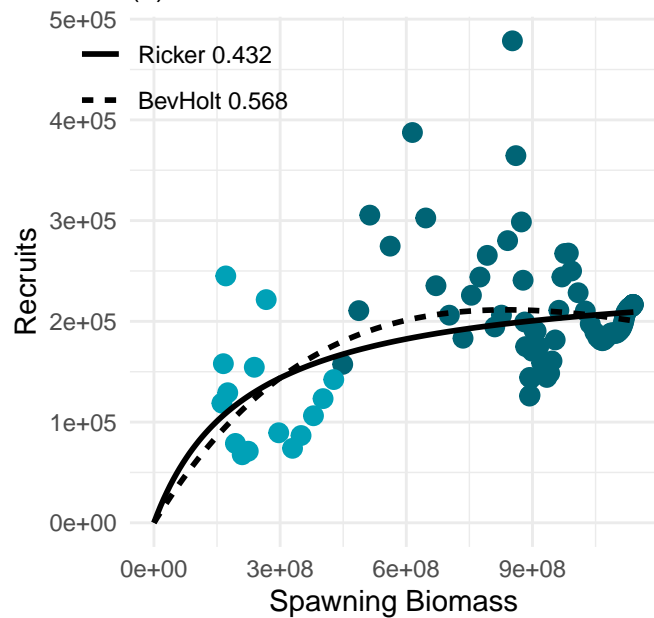
Sebastes ruberrimus

Area ID: USA-NMFS-PCOAST

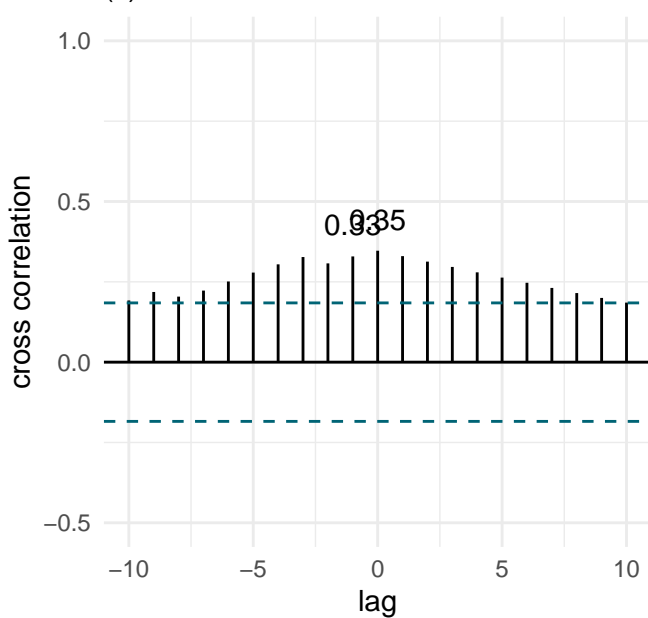
(a)



(b)



(c)

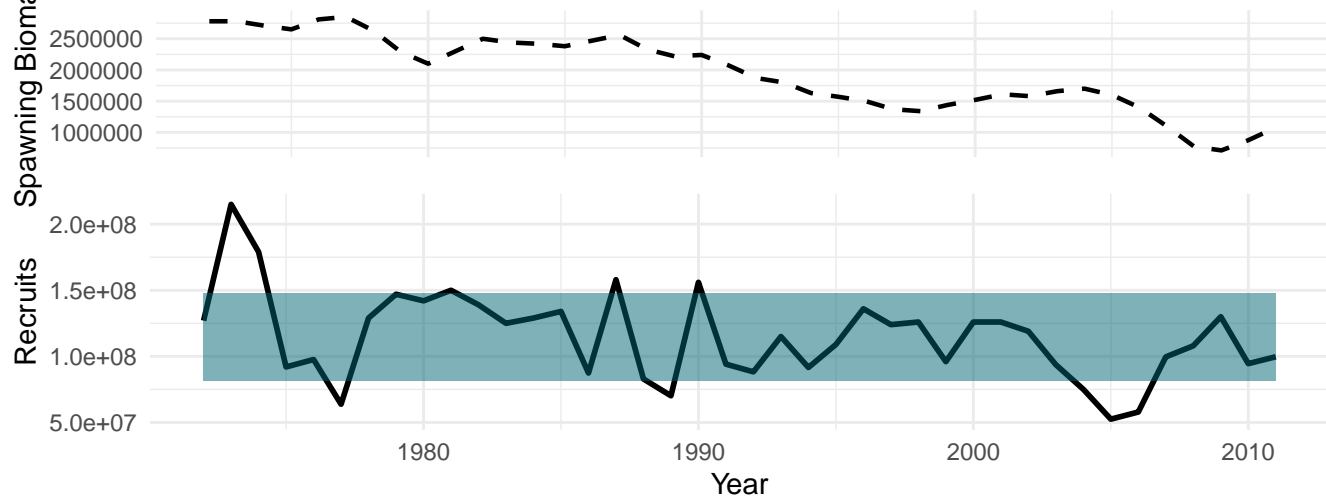


Yellowfin tuna

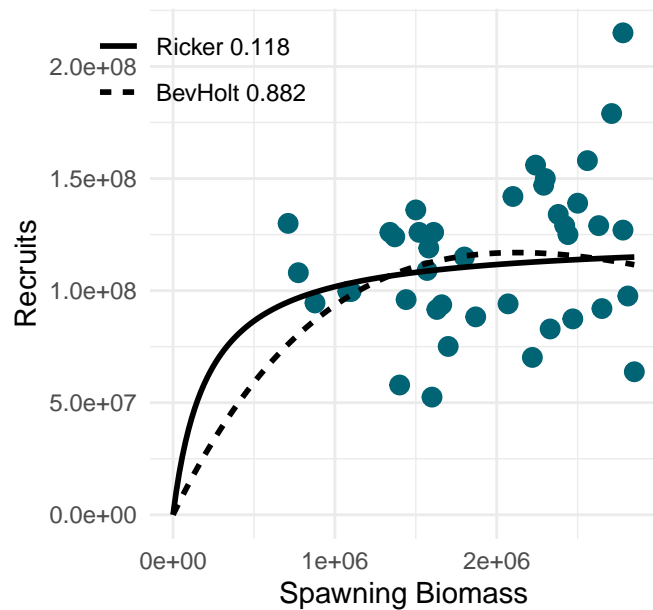
Thunnus albacares

Area ID: multinational-IOTC-IO

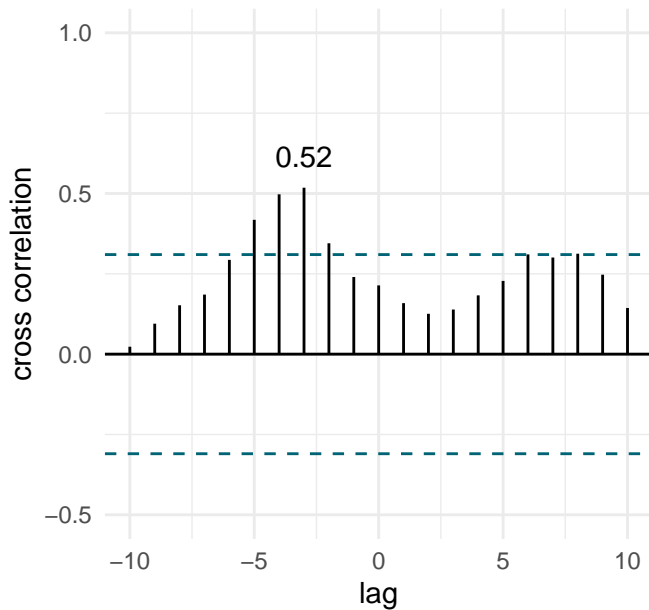
(a)



(b)



(c)

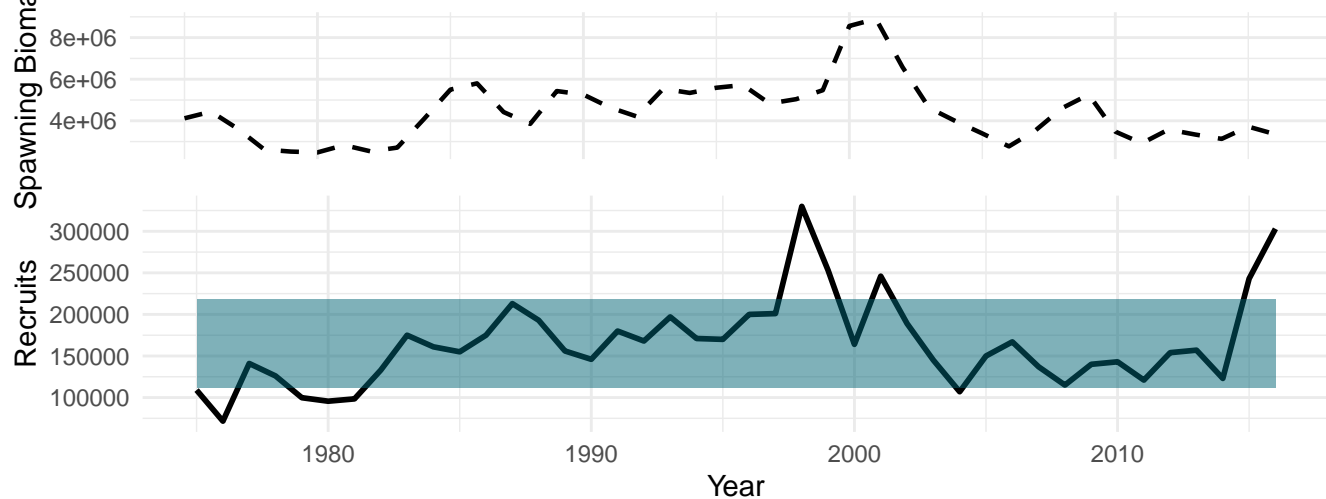


Yellowfin tuna

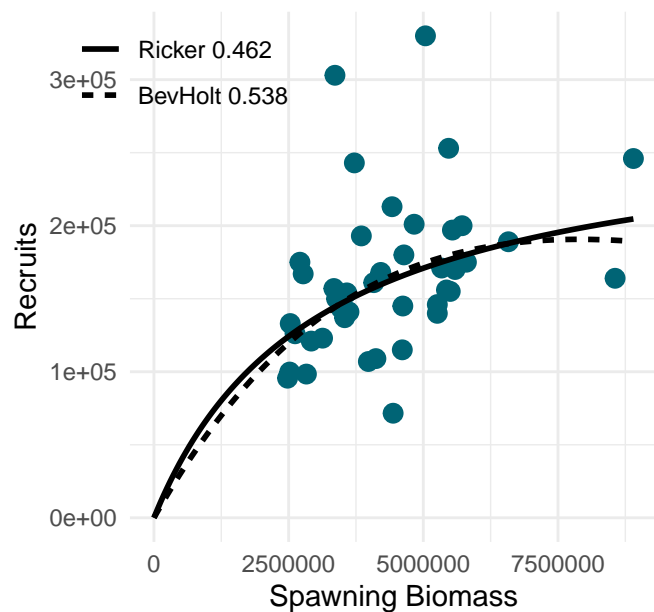
Thunnus albacares

Area ID: multinational-IATTC-EPAC

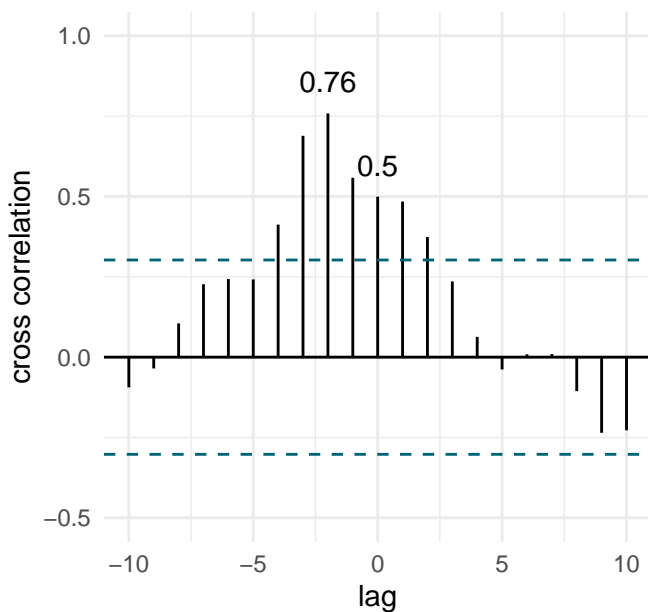
(a)



(b)



(c)

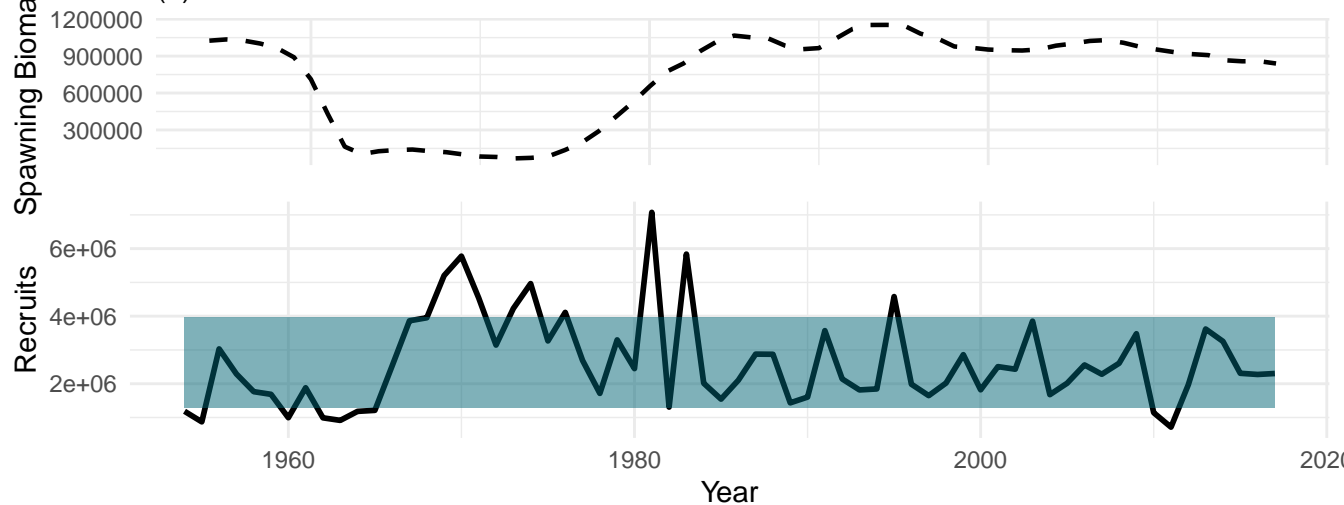


Yellowfin sole

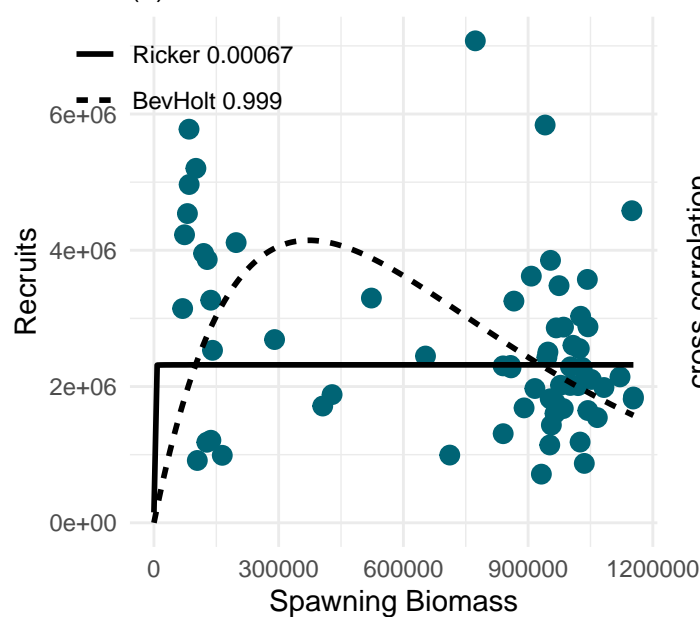
Limanda aspera

Area ID: USA-NMFS-BSAI

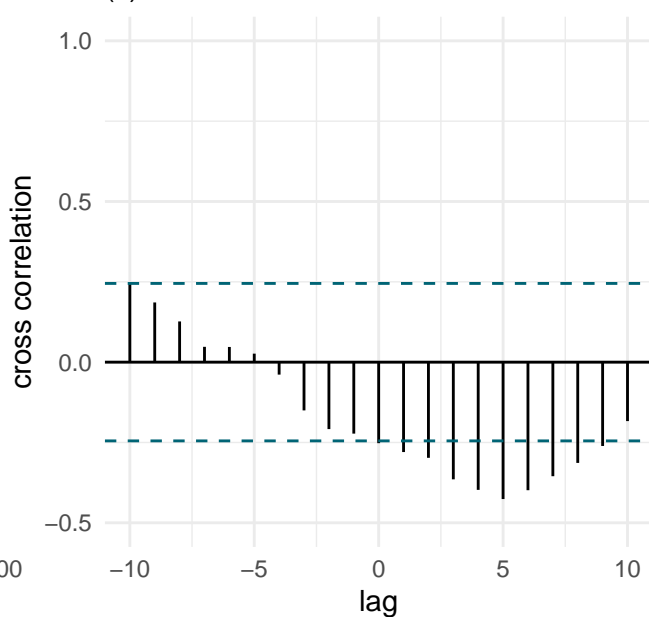
(a)



(b)



(c)

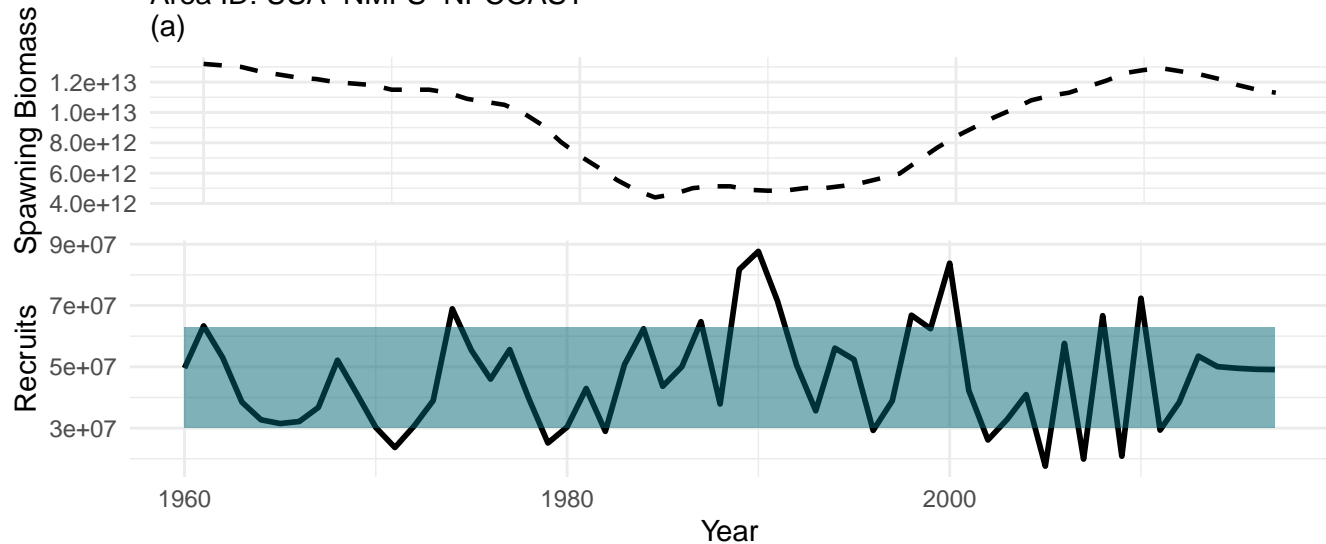


Yellowtail rockfish

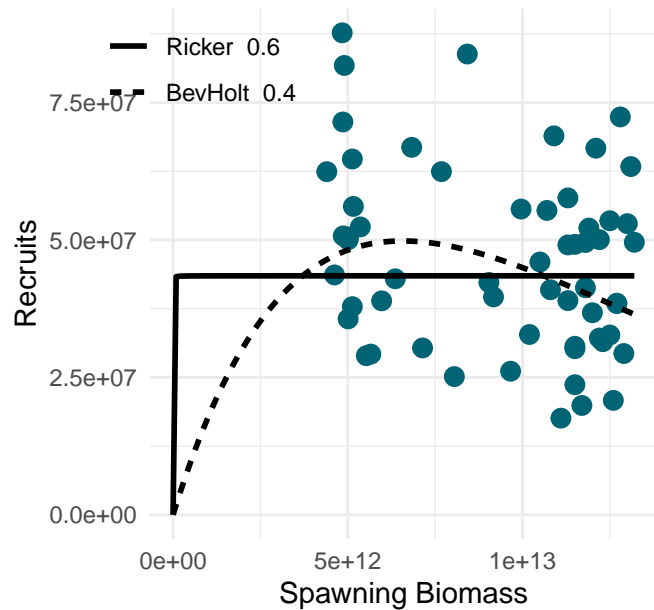
Sebastes flavidus

Area ID: USA-NMFS-NPCOAST

(a)



(b)



(c)

