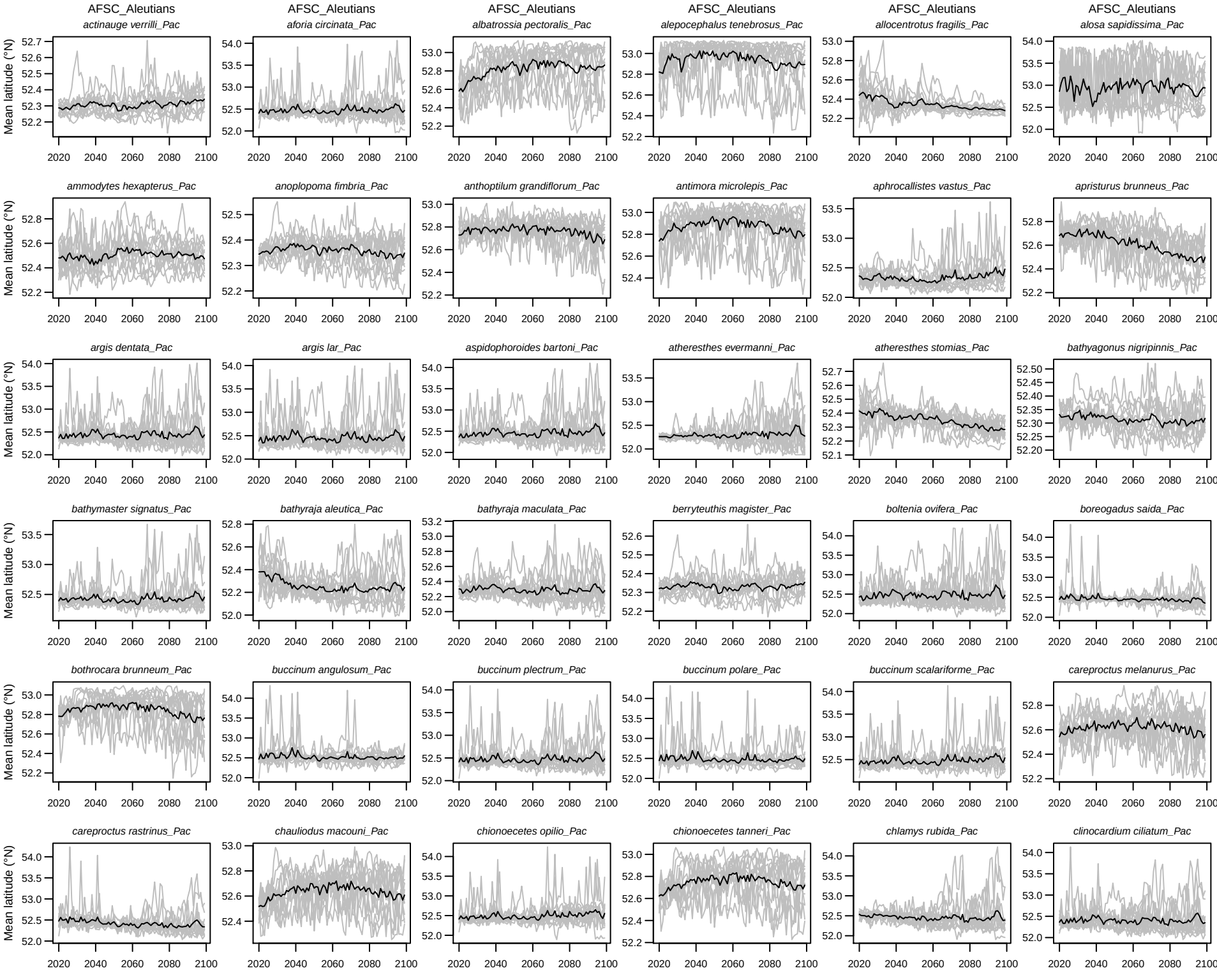
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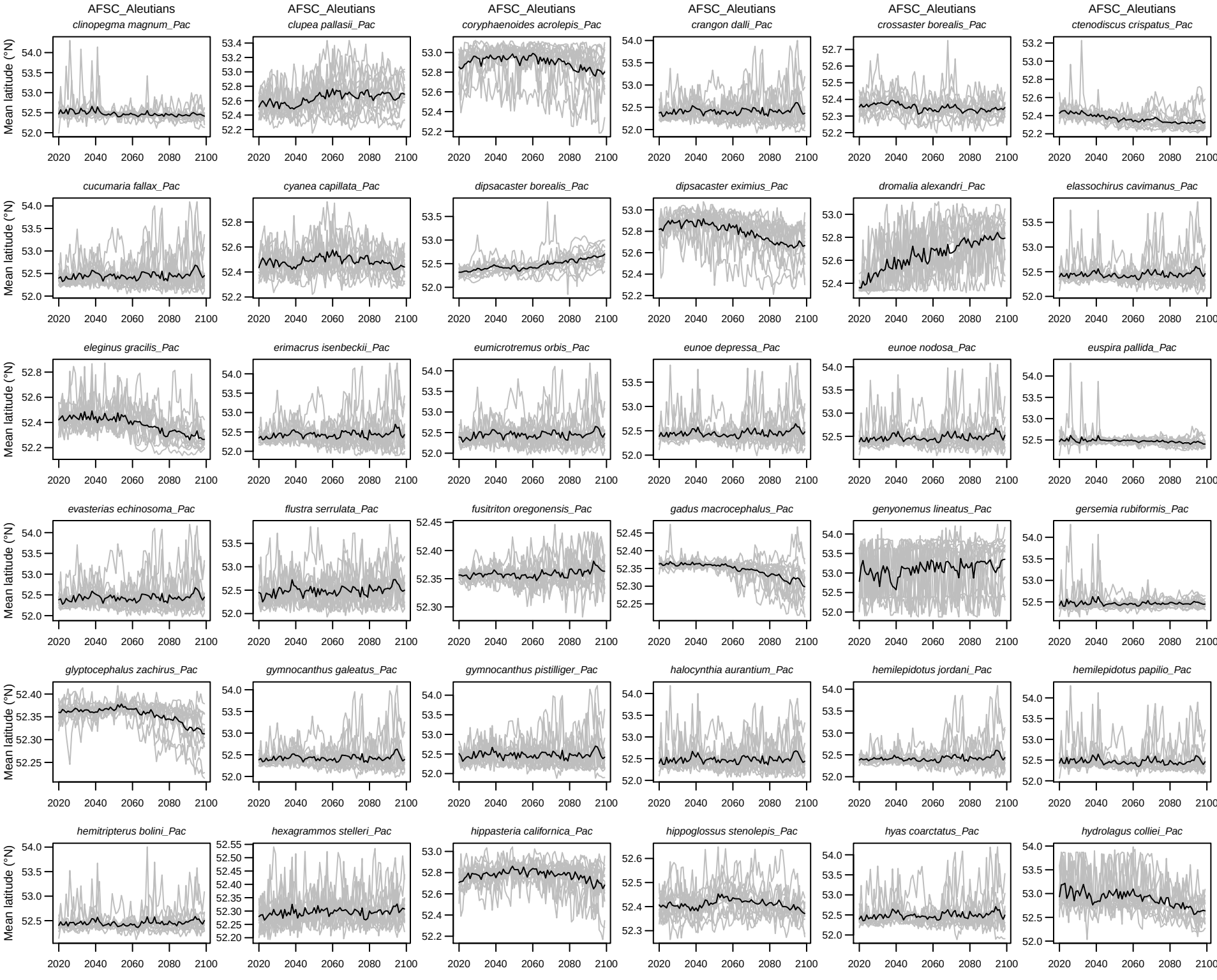
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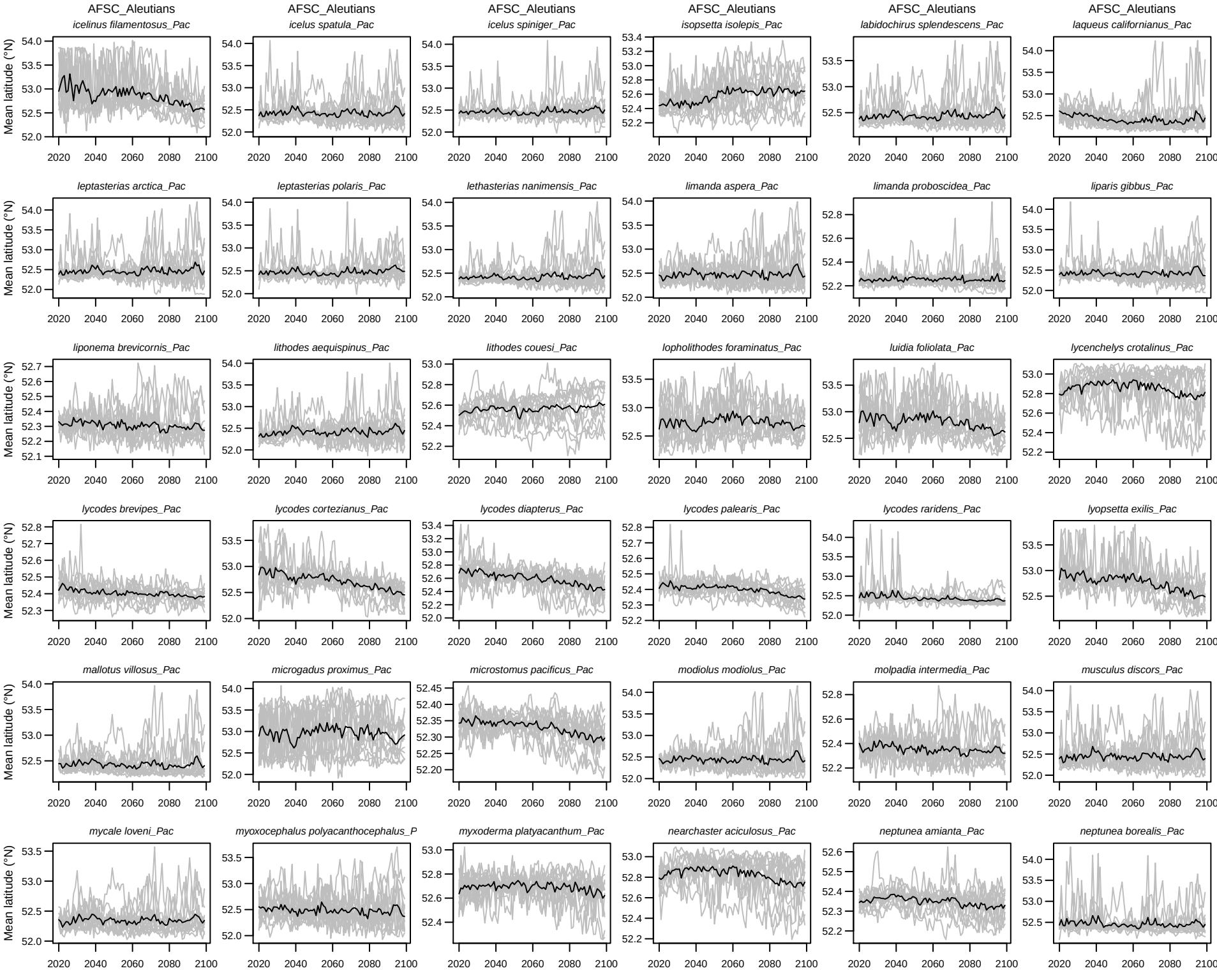
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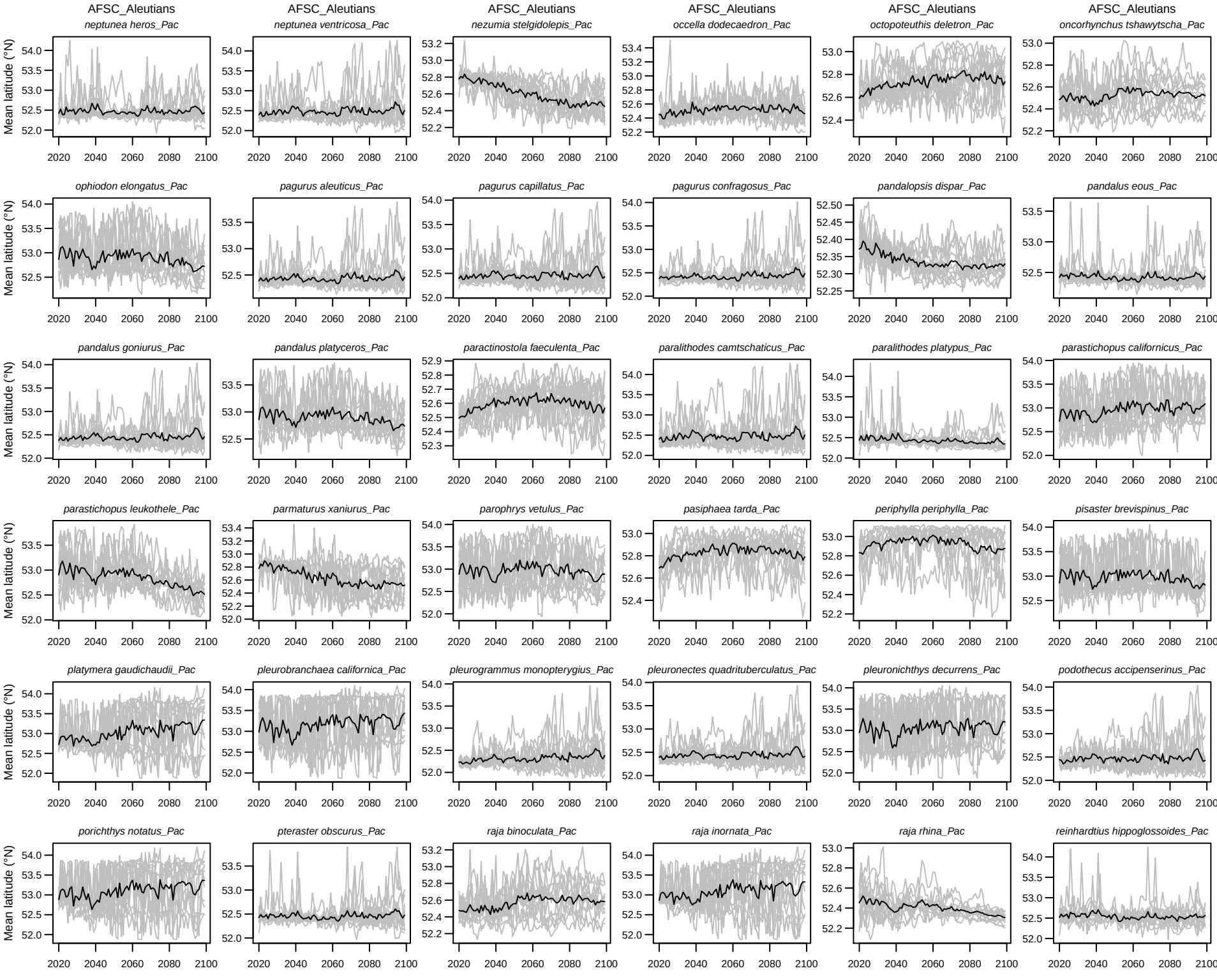
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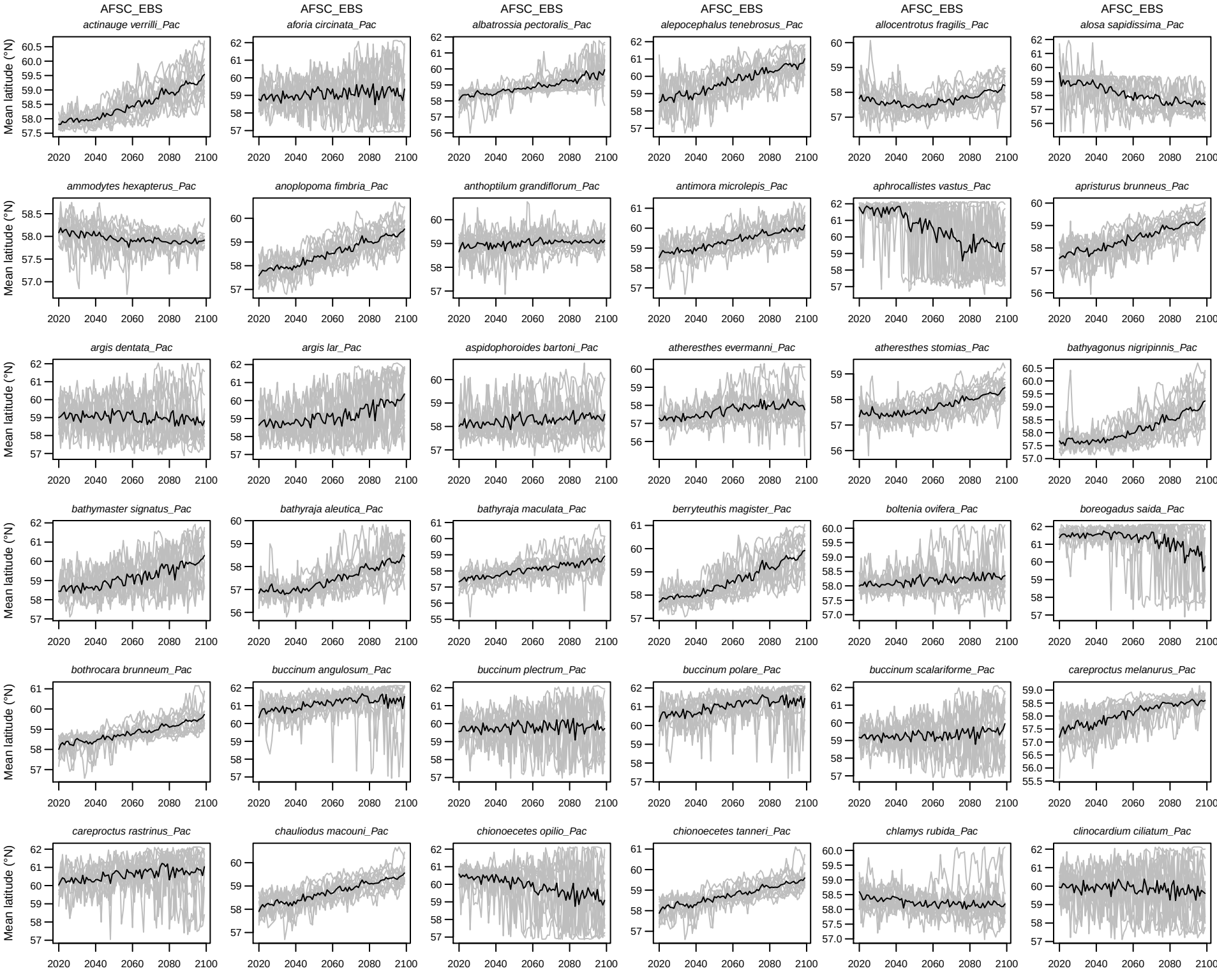
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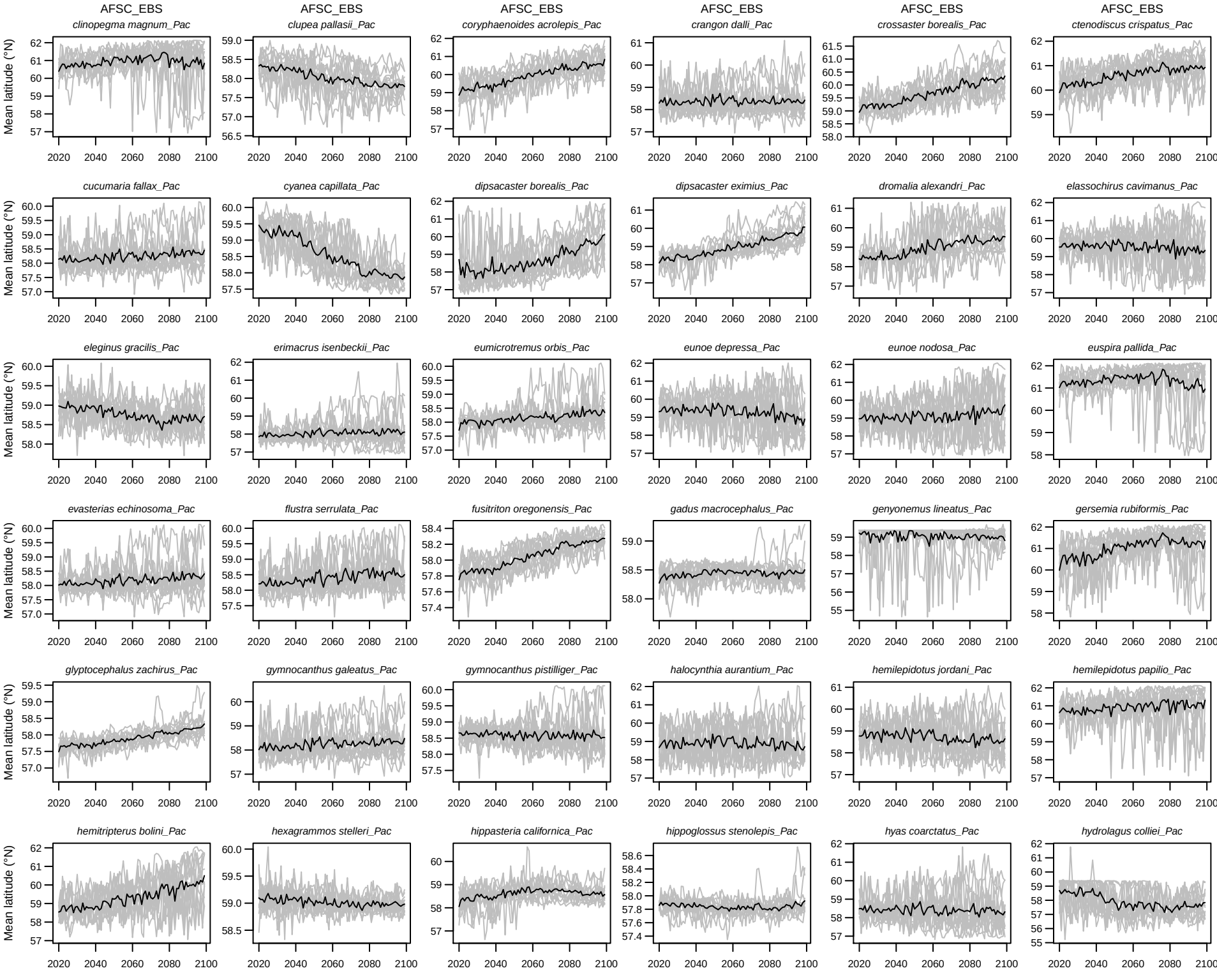
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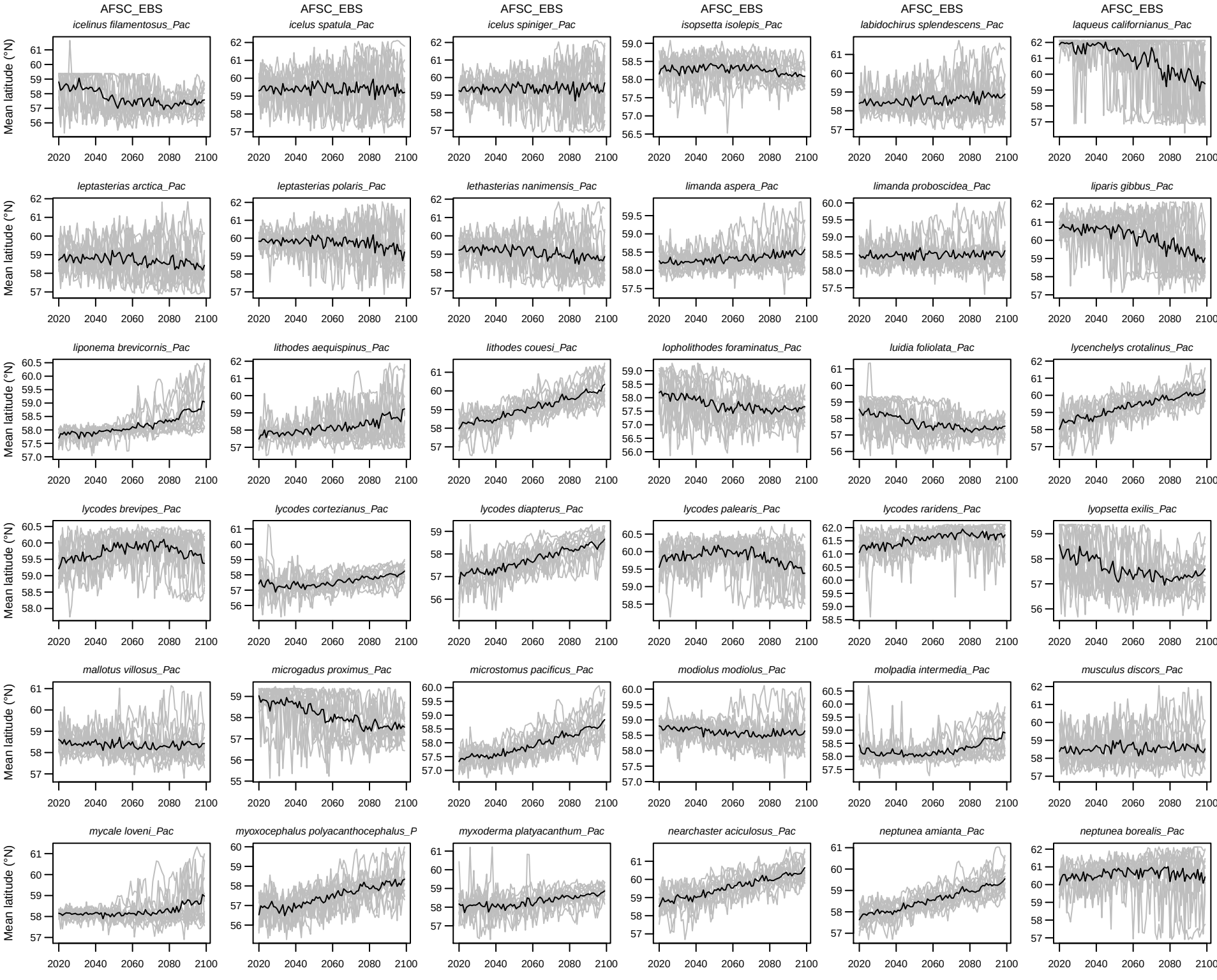
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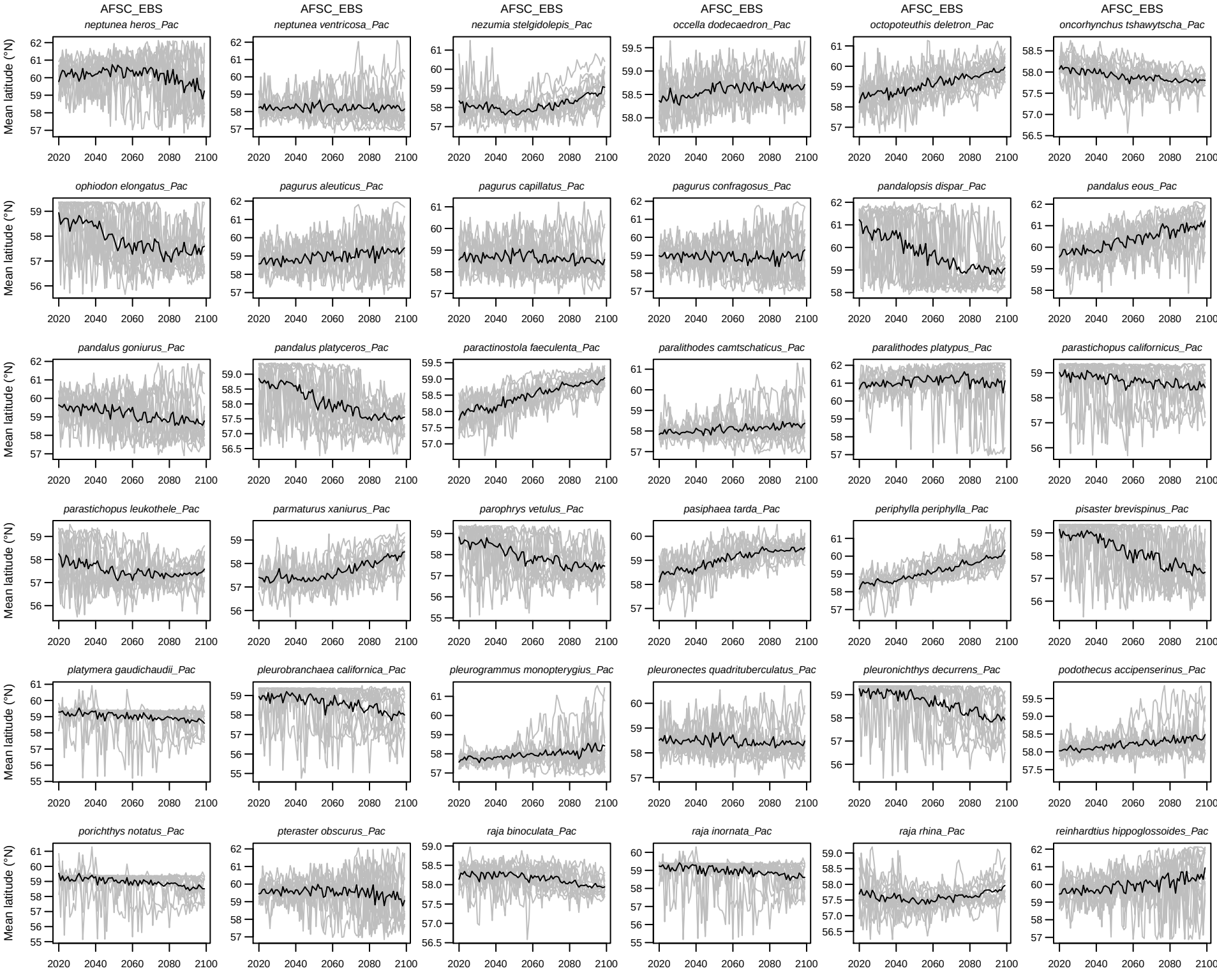
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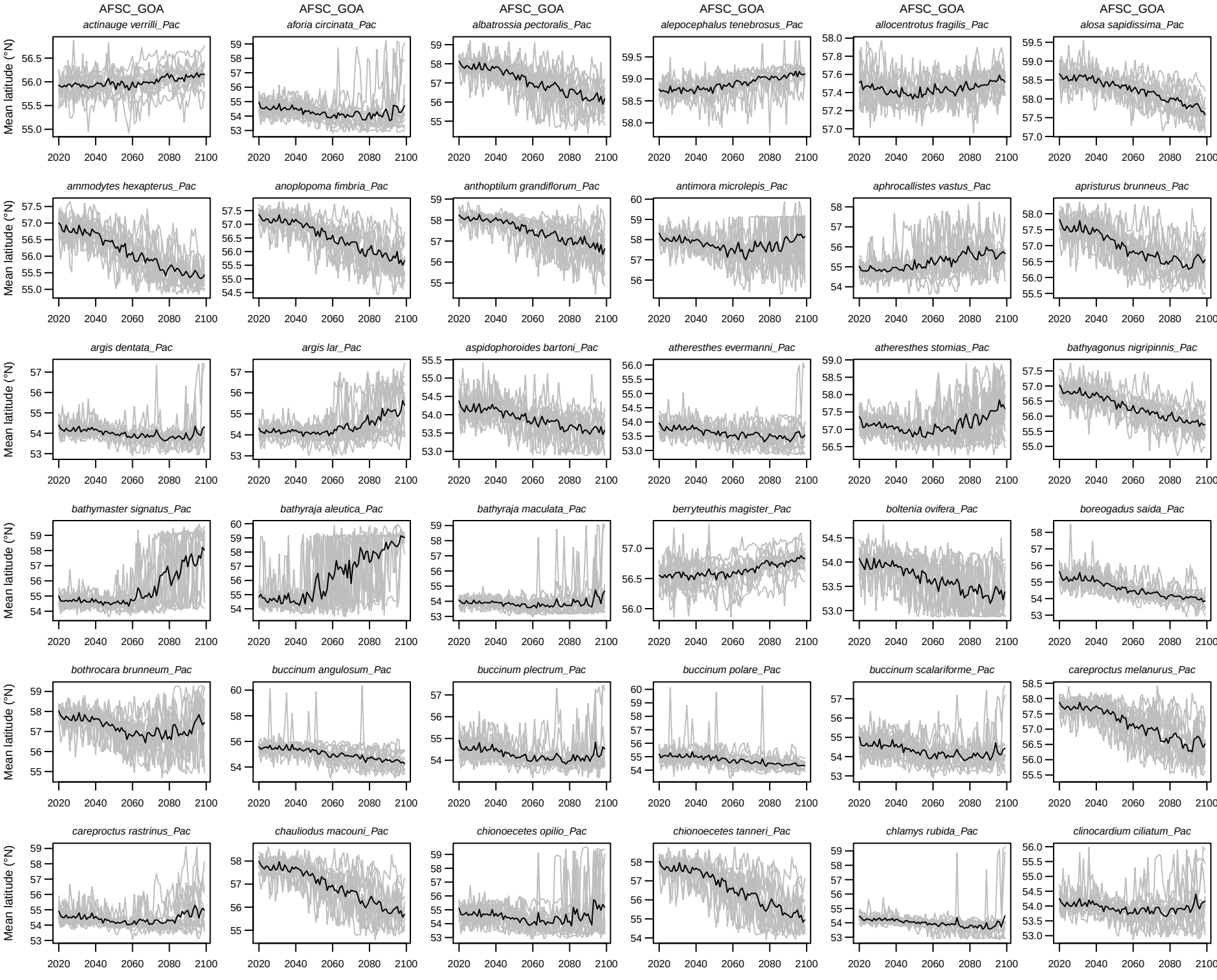
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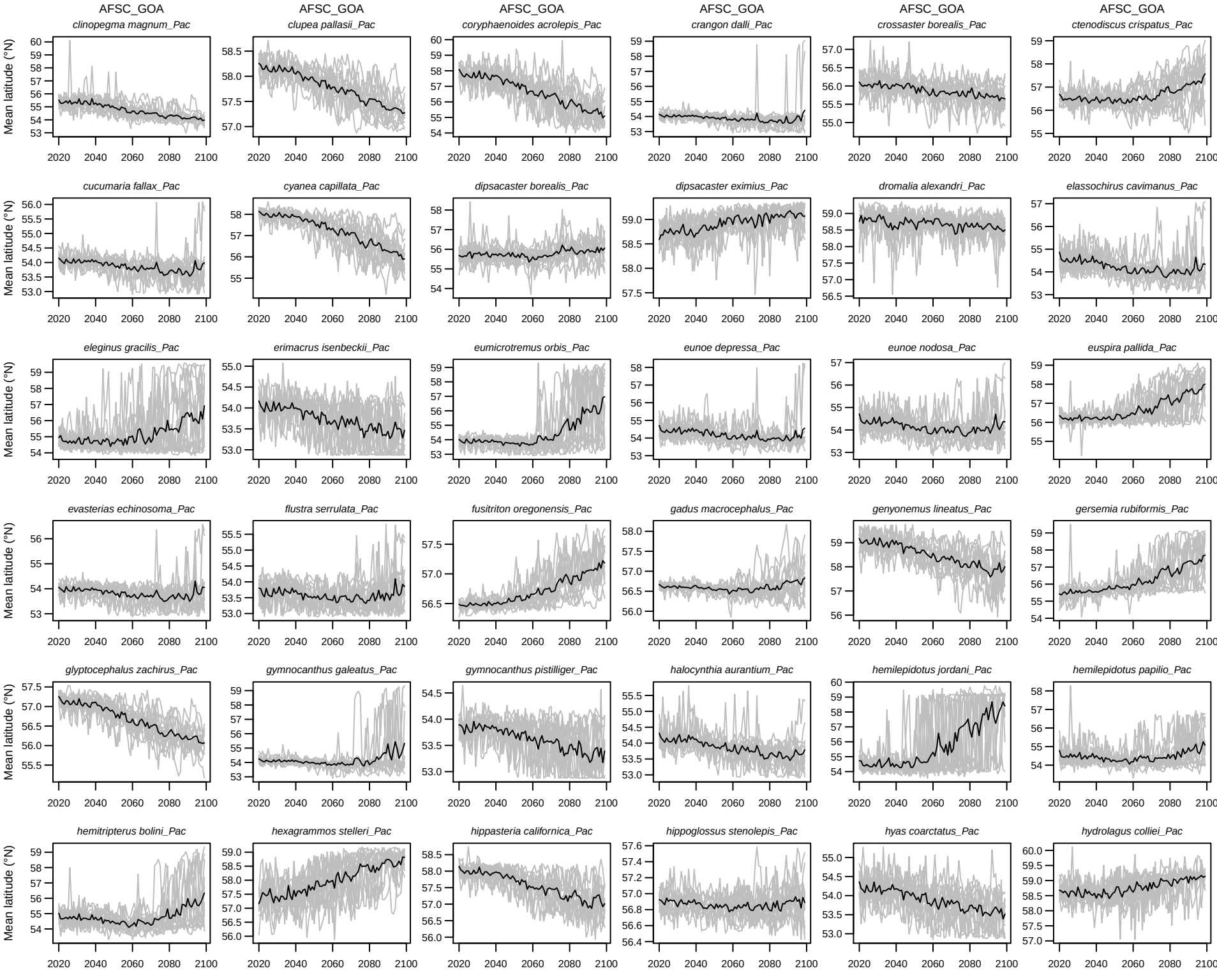
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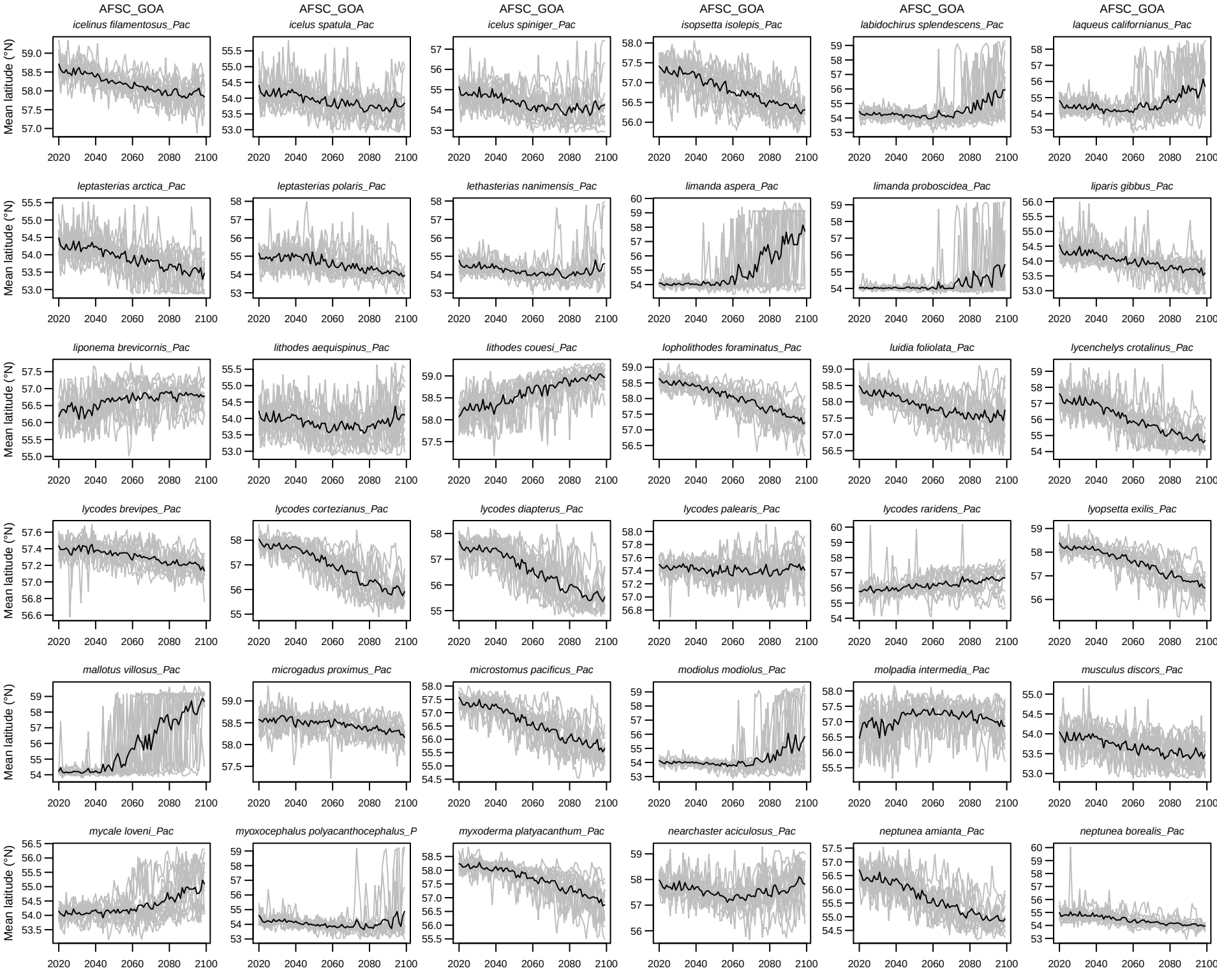
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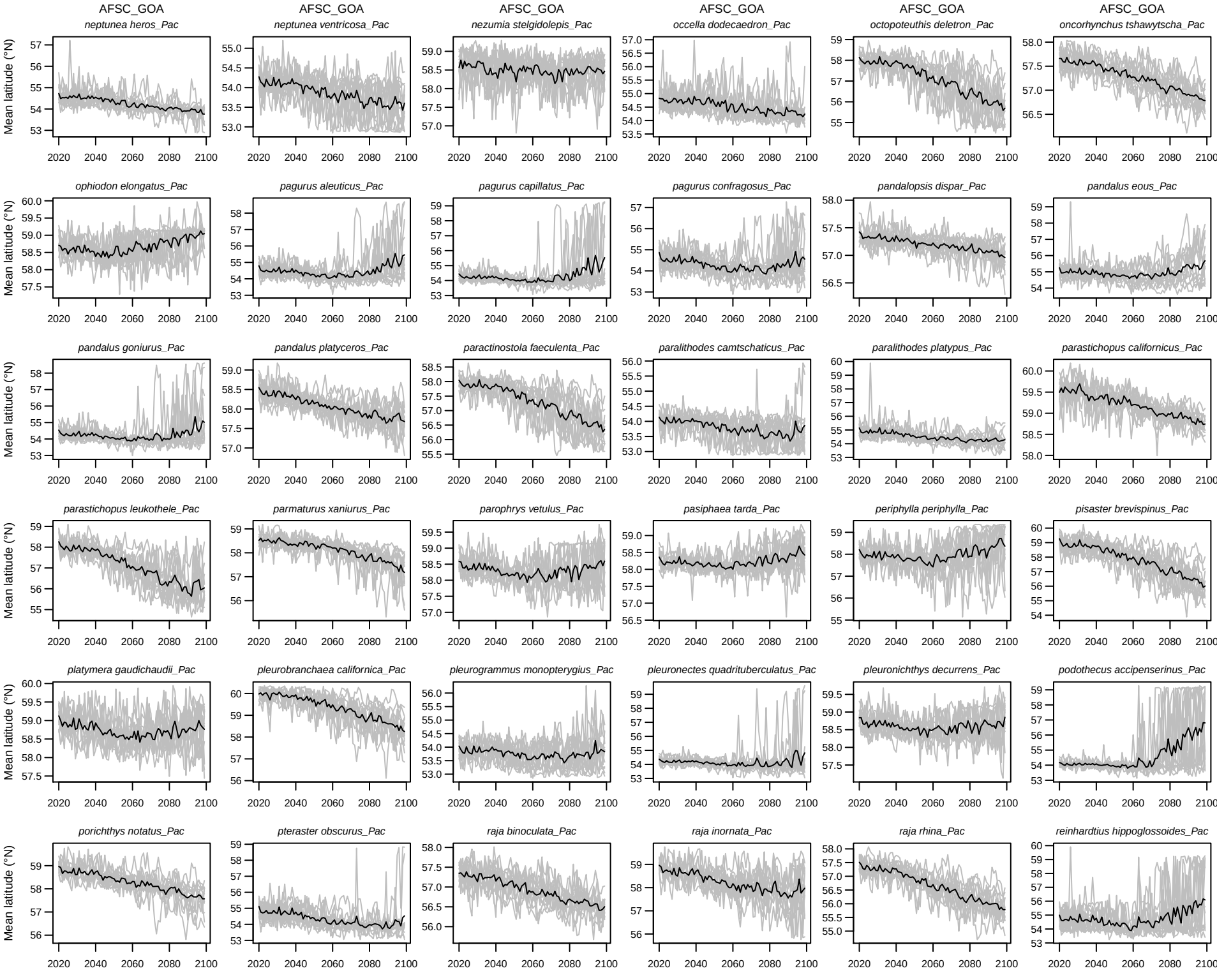
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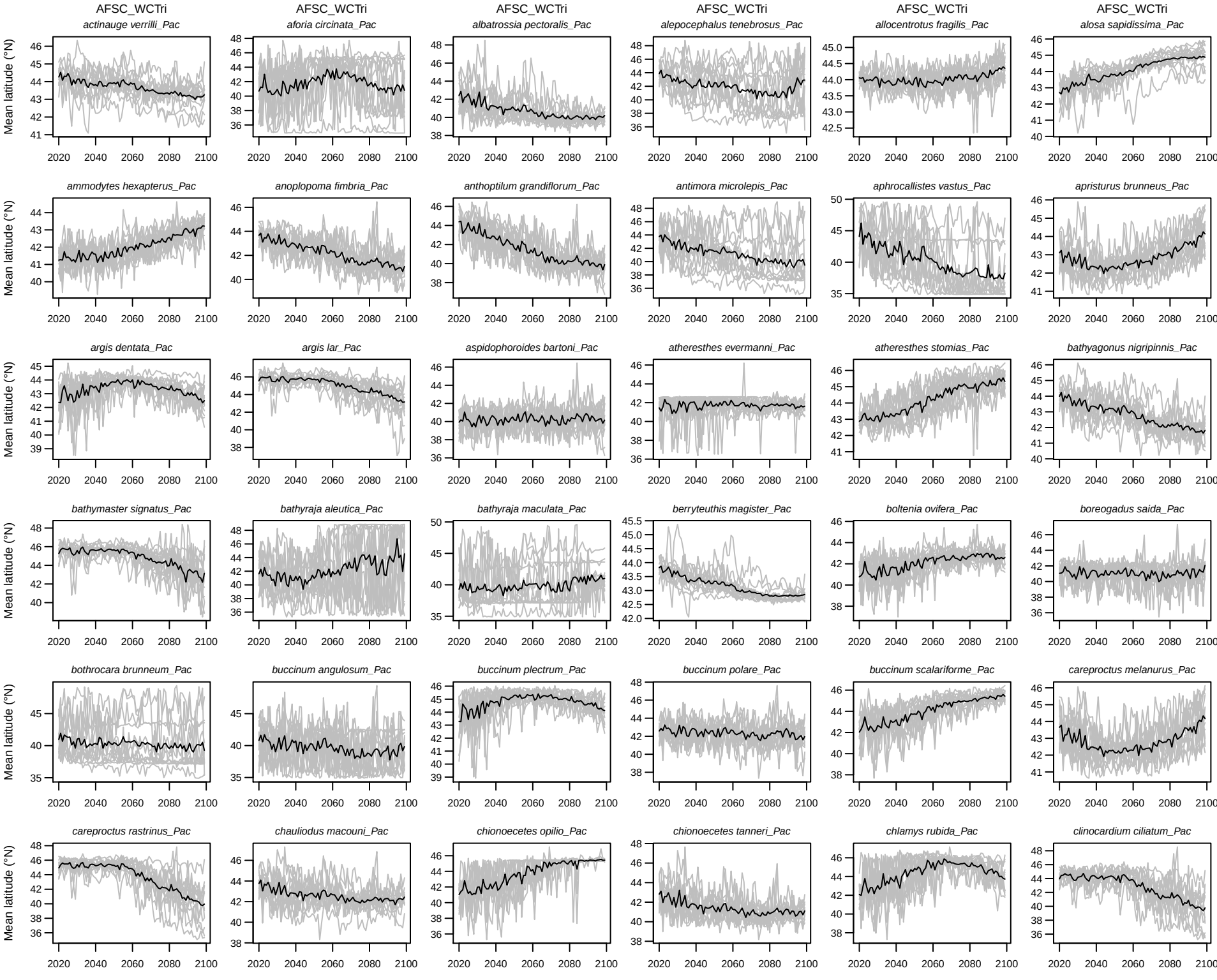
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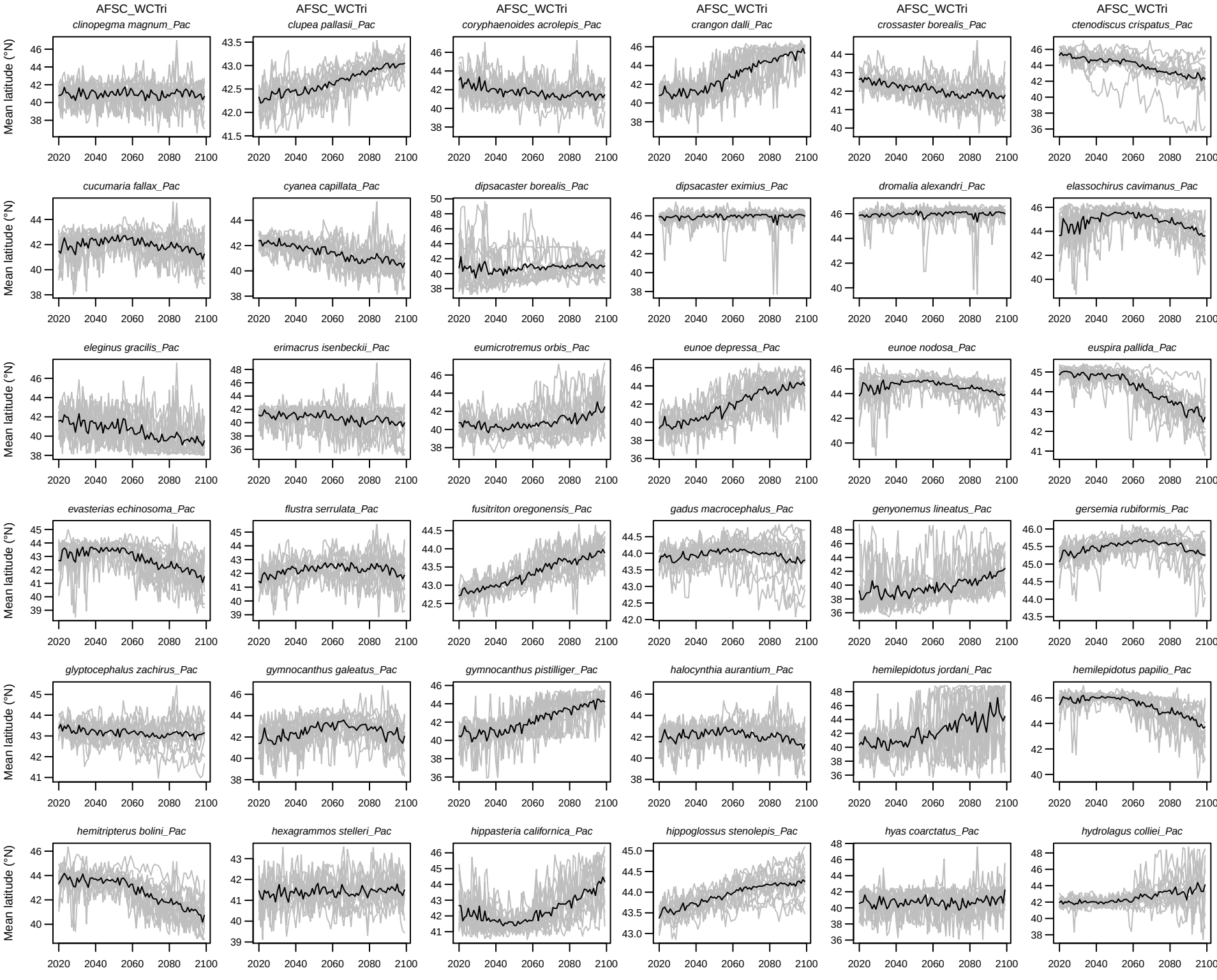
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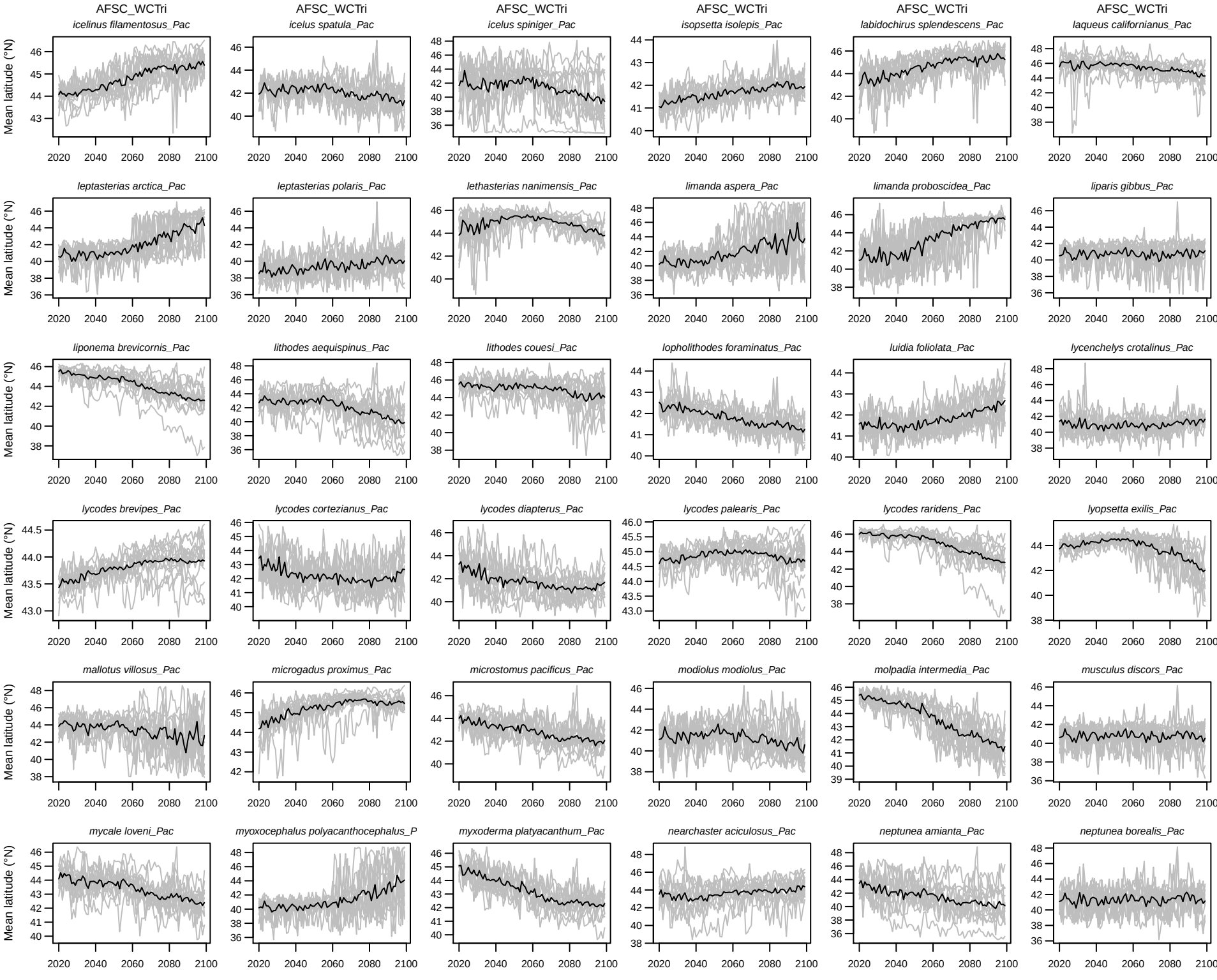
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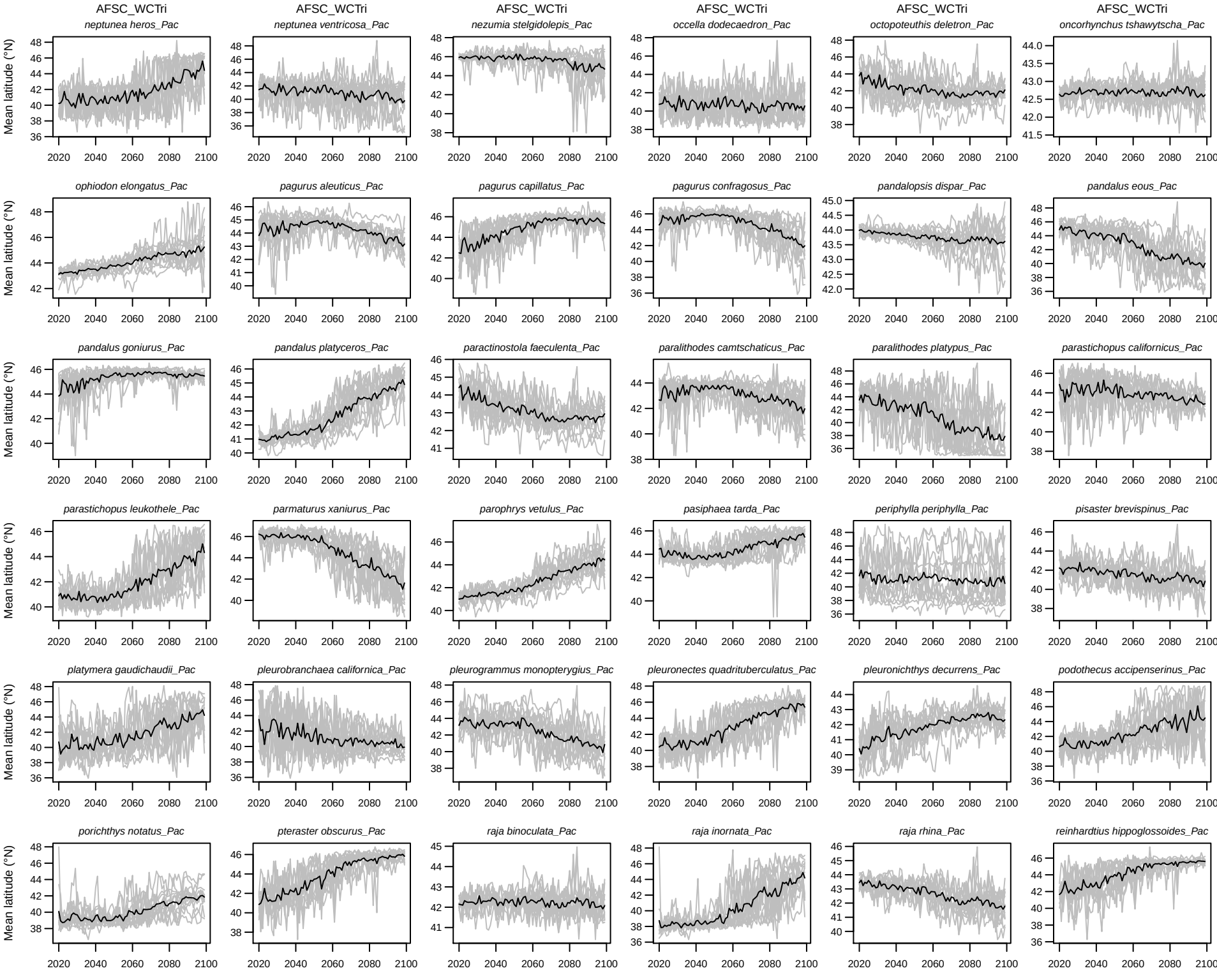
Mean latitude (°N)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octopoteuthis deletron_Pac
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ophiodon elongatus_Pac
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pagurus confragosus_Pac
pandalopsis dispar_Pac
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paralithodes camtschaticus_Pac
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parmaturus xaniurus_Pac
parophrys vetulus_Pac
pasiphaea tarda_Pac
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platymera gaudichaudii_Pac
pleurobranchaea californica_Pac
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podothecus accipenserinus_Pac
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Mean latitude (°N)
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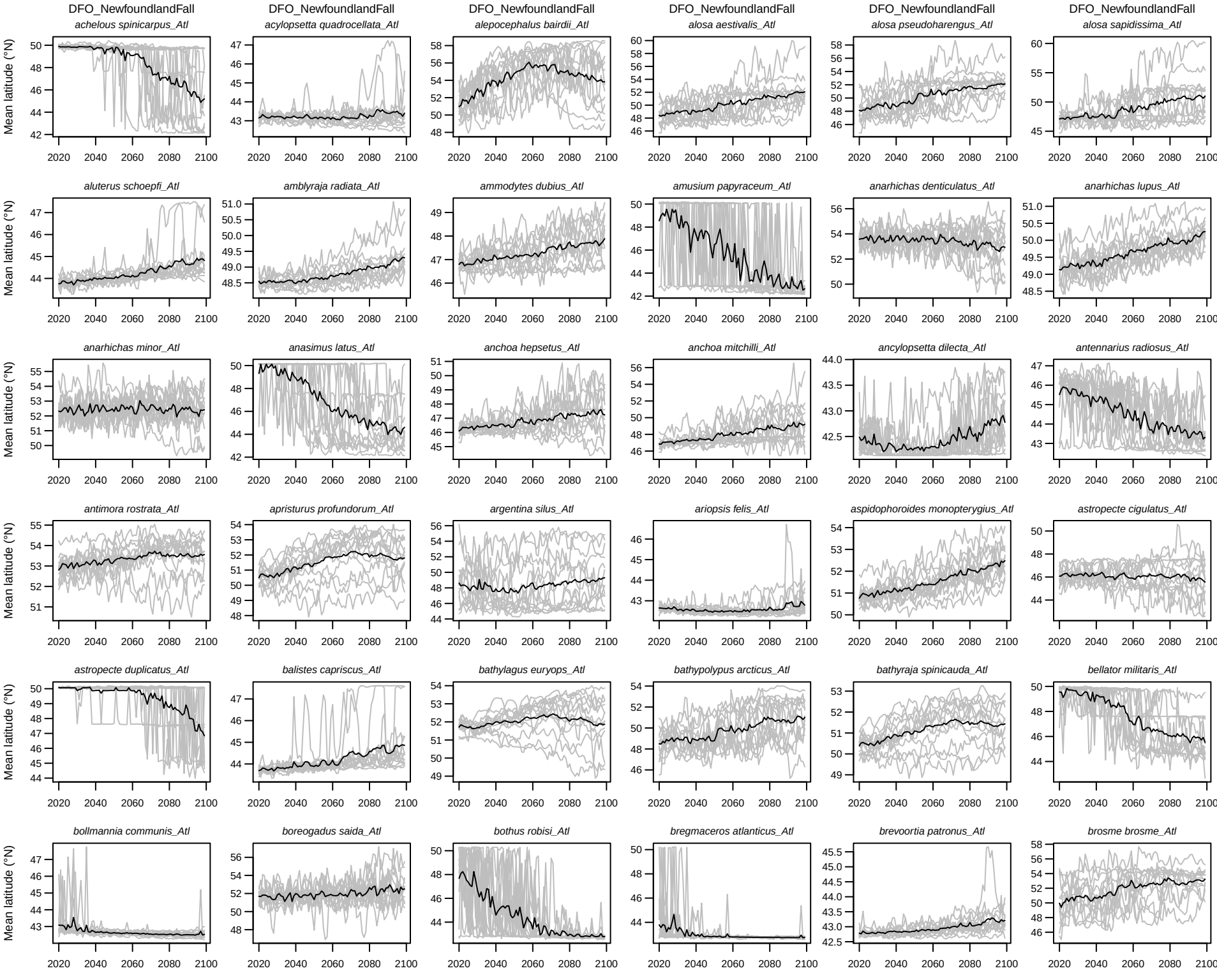
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alepocephalus bairdii_Atl
alosa aestivalis_Atl
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alosa sapidissima_Atl
aluterus schoepfi_Atl
amblyraja radiata_Atl
ammodytes dubius_Atl
amusium papyraceum_Atl
anarhichas denticulatus_Atl
anarhichas lupus_Atl
anarhichas minor_Atl
anasimus latus_Atl
anchoa hepsetus_Atl
anchoa mitchilli_Atl
ancylopsetta dilecta_Atl
antennarius radiosus_Atl
antimora rostrata_Atl
apristurus profundorum_Atl
argentina silus_Atl
ariopsis felis_Atl
aspidophoroides monopterygius_Atl
astropecte cigulatus_Atl
astropecte duplicatus_Atl
balistes capriscus_Atl
bathylagus euryops_Atl
bathypolypus arcticus_Atl
bathyraja spinicauda_Atl
bellator militaris_Atl
bollmannia communis_Atl
boreogadus saida_Atl
bothus robisi_Atl
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brevoortia patronus_Atl
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Mean latitude (°N)
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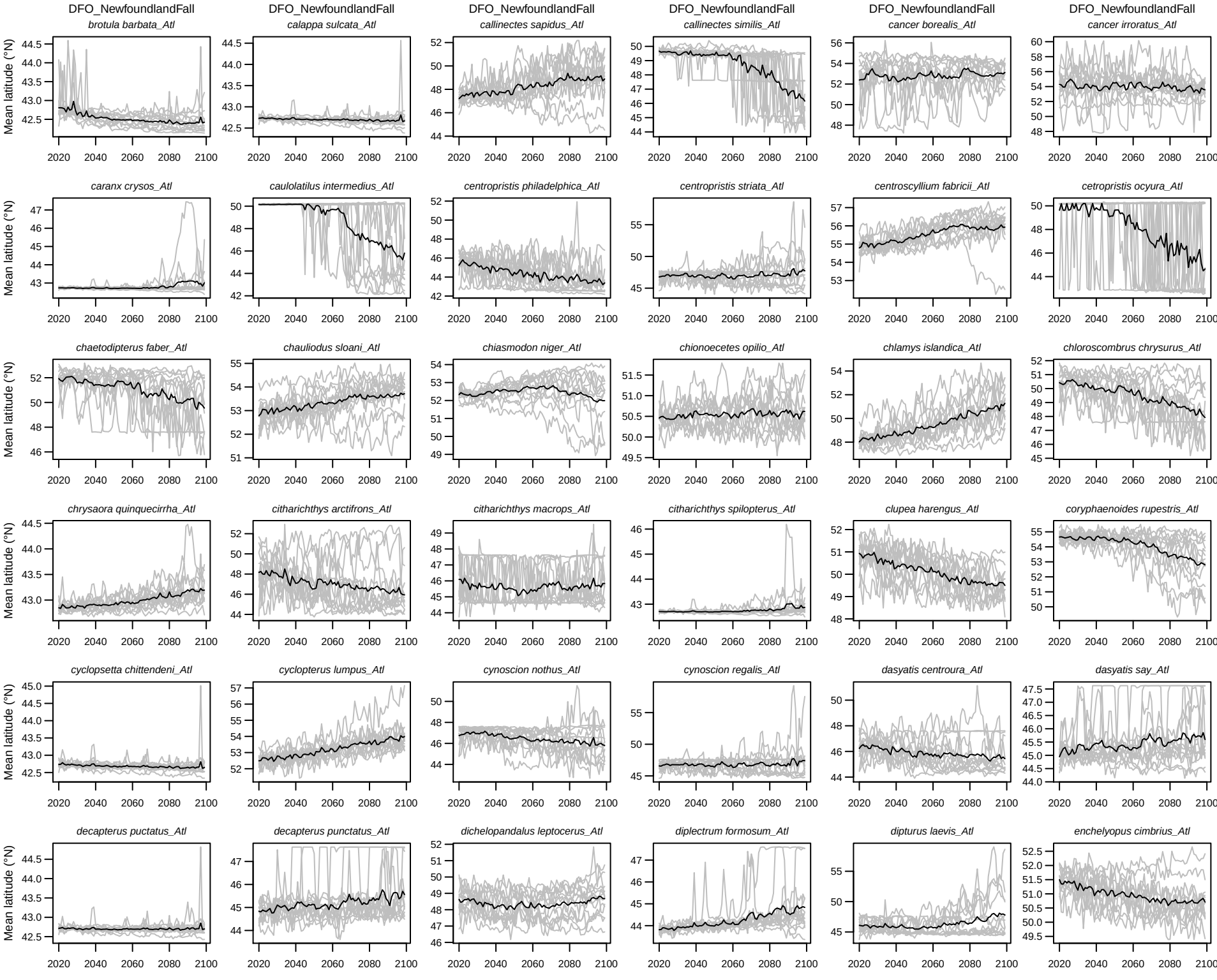
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calappa sulcata_Atl
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caranx crysos_Atl
caulolatilus intermedius_Atl
centropristis philadelphica_Atl
centropristis striata_Atl
centroscyllium fabricii_Atl
cetropristis ocyura_Atl
chaetodipterus faber_Atl
chauliodus sloani_Atl
chiasmodon niger_Atl
chionoecetes opilio_Atl
chlamys islandica_Atl
chloroscombrus chrysurus_Atl
chrysaora quinquecirrha_Atl
citharichthys arctifrons_Atl
citharichthys macrops_Atl
citharichthys spilopterus_Atl
clupea harengus_Atl
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cyclopsetta chittendeni_Atl
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cynoscion nothus_Atl
cynoscion regalis_Atl
dasyatis centroura_Atl
dasyatis say_Atl
decapterus puctatus_Atl
decapterus punctatus_Atl
dichelopandalus leptocerus_Atl
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Mean latitude (°N)
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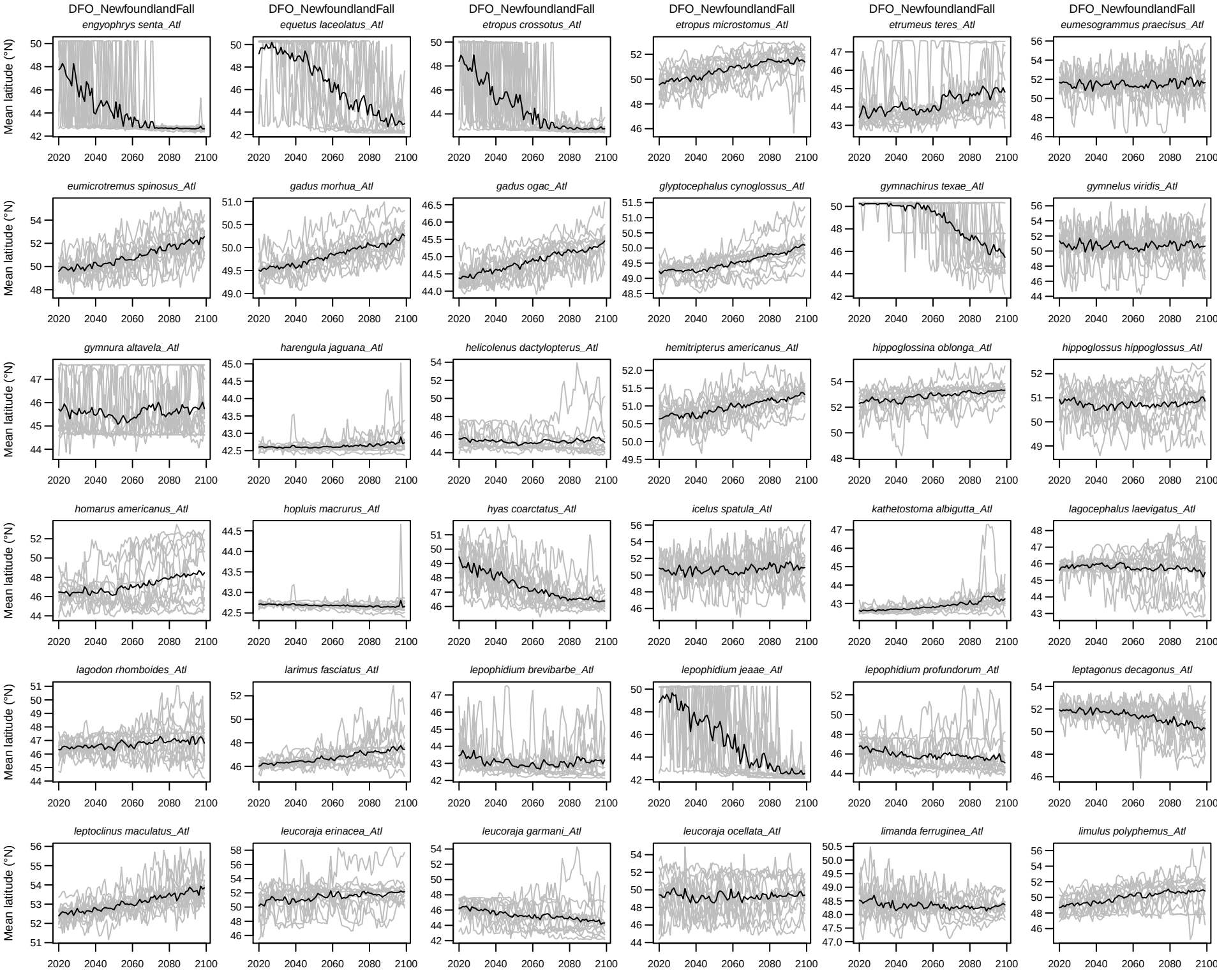
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equetus laceolatus_Atl
etropus crossotus_Atl
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etrumeus teres_Atl
eumesogrammus praecisus_Atl
eumicrotremus spinosus_Atl
gadus morhua_Atl
gadus ogac_Atl
glyptocephalus cynoglossus_Atl
gymnachirus texae_Atl
gymnelus viridis_Atl
gymnura altavela_Atl
harengula jaguana_Atl
helicolenus dactylopterus_Atl
hemitripterus americanus_Atl
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hippoglossus hippoglossus_Atl
homarus americanus_Atl
hopluis macrurus_Atl
hyas coarctatus_Atl
icelus spatula_Atl
kathetostoma albigutta_Atl
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lagodon rhomboides_Atl
larimus fasciatus_Atl
lepophidium brevibarbe_Atl
lepophidium jeaae_Atl
lepophidium profundorum_Atl
leptagonus decagonus_Atl
leptoclinus maculatus_Atl
leucoraja erinacea_Atl
leucoraja garmani_Atl
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limanda ferruginea_Atl
limulus polyphemus_Atl
Mean latitude (°N)
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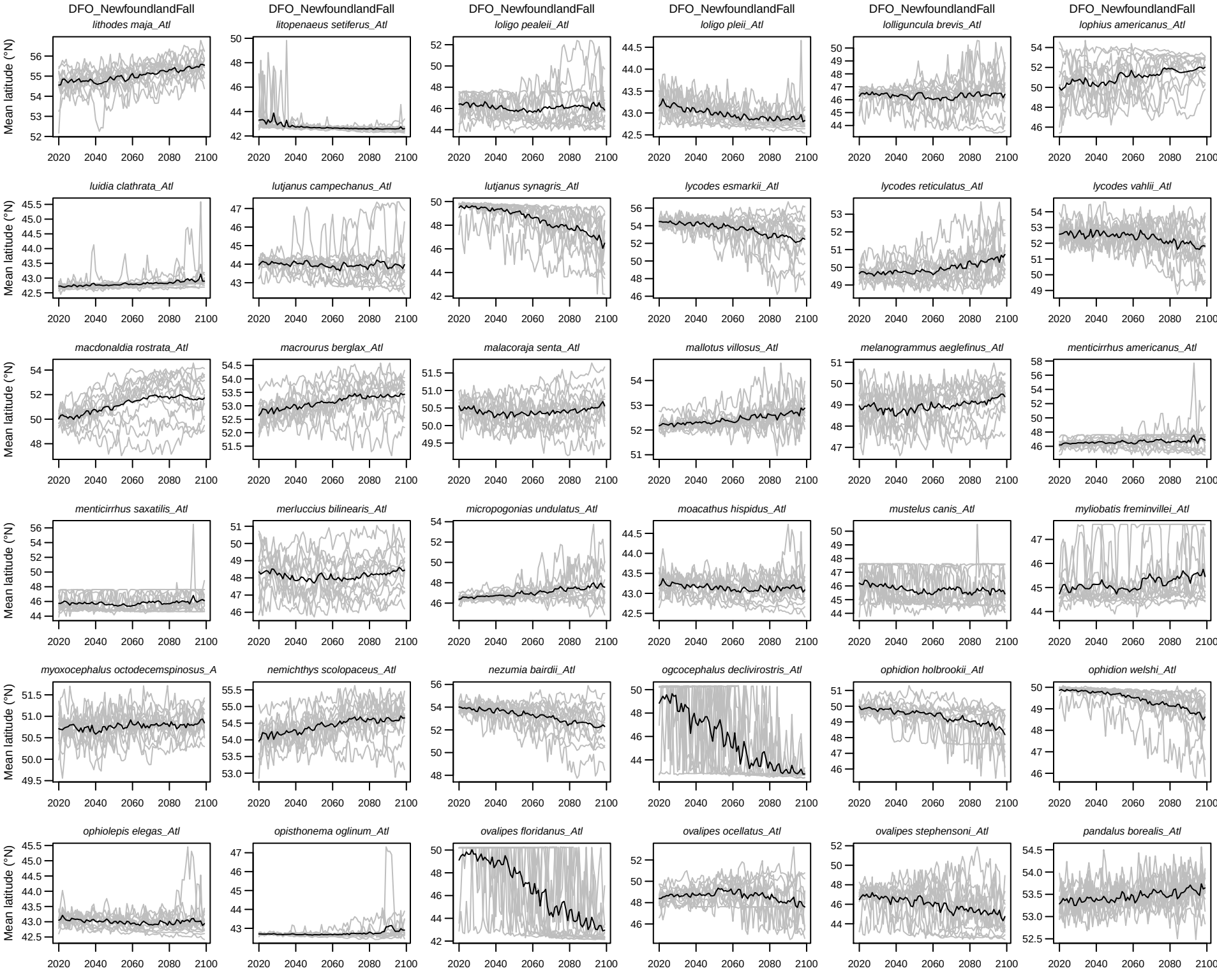
DFO_NewfoundlandFall
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litopenaeus setiferus_Atl
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luidia clathrata_Atl
lutjanus campechanus_Atl
lutjanus synagris_Atl
lycodes esmarkii_Atl
lycodes reticulatus_Atl
lycodes vahlii_Atl
macdonaldia rostrata_Atl
macrourus berglax_Atl
malacoraja senta_Atl
mallotus villosus_Atl
melanogrammus aeglefinus_Atl
menticirrhus americanus_Atl
menticirrhus saxatilis_Atl
merluccius bilinearis_Atl
micropogonias undulatus_Atl
moacathus hispidus_Atl
mustelus canis_Atl
myliobatis freminvillei_Atl
myoxocephalus octodecemspinosus_A
nemichthys scolopaceus_Atl
nezumia bairdii_Atl
ogcocephalus declivirostris_Atl
ophidion holbrookii_Atl
ophidion welshi_Atl
ophiolepis elegas_Atl
opisthonema oglinum_Atl
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ovalipes ocellatus_Atl
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pandalus borealis_Atl
Mean latitude (°N)
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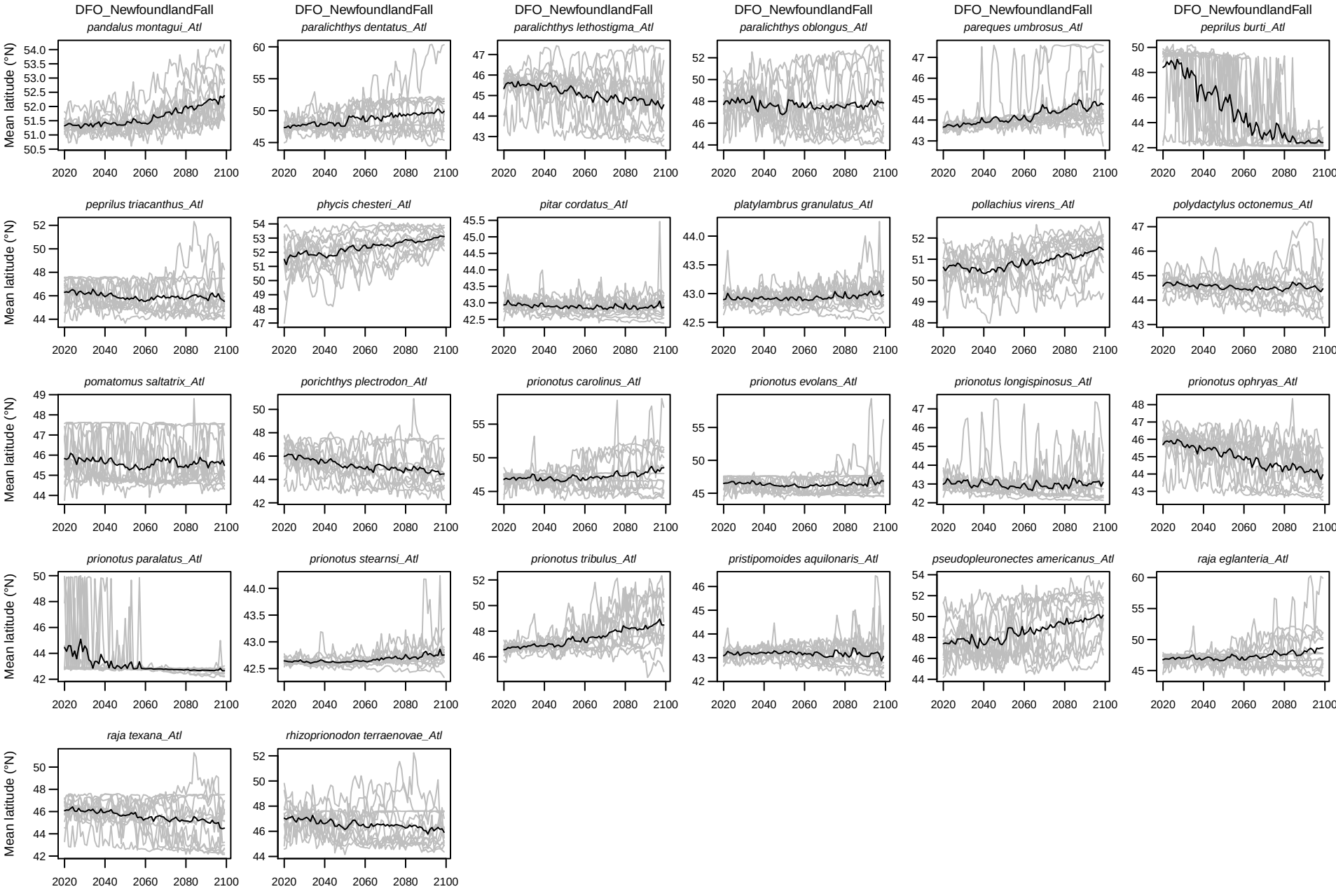
DFO_NewfoundlandFall
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paralichthys dentatus_Atl
paralichthys lethostigma_Atl
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peprilus burti_Atl
peprilus triacanthus_Atl
phycis chesteri_Atl
pitar cordatus_Atl
platylambrus granulatus_Atl
pollachius virens_Atl
polydactylus octonemus_Atl
pomatomus saltatrix_Atl
porichthys plectrodon_Atl
prionotus carolinus_Atl
prionotus evolans_Atl
prionotus longispinosus_Atl
prionotus ophryas_Atl
prionotus paralatus_Atl
prionotus stearnsi_Atl
prionotus tribulus_Atl
pristipomoides aquilonaris_Atl
pseudopleuronectes americanus_Atl
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rhizoprionodon terraenovae_Atl
Mean latitude (°N)
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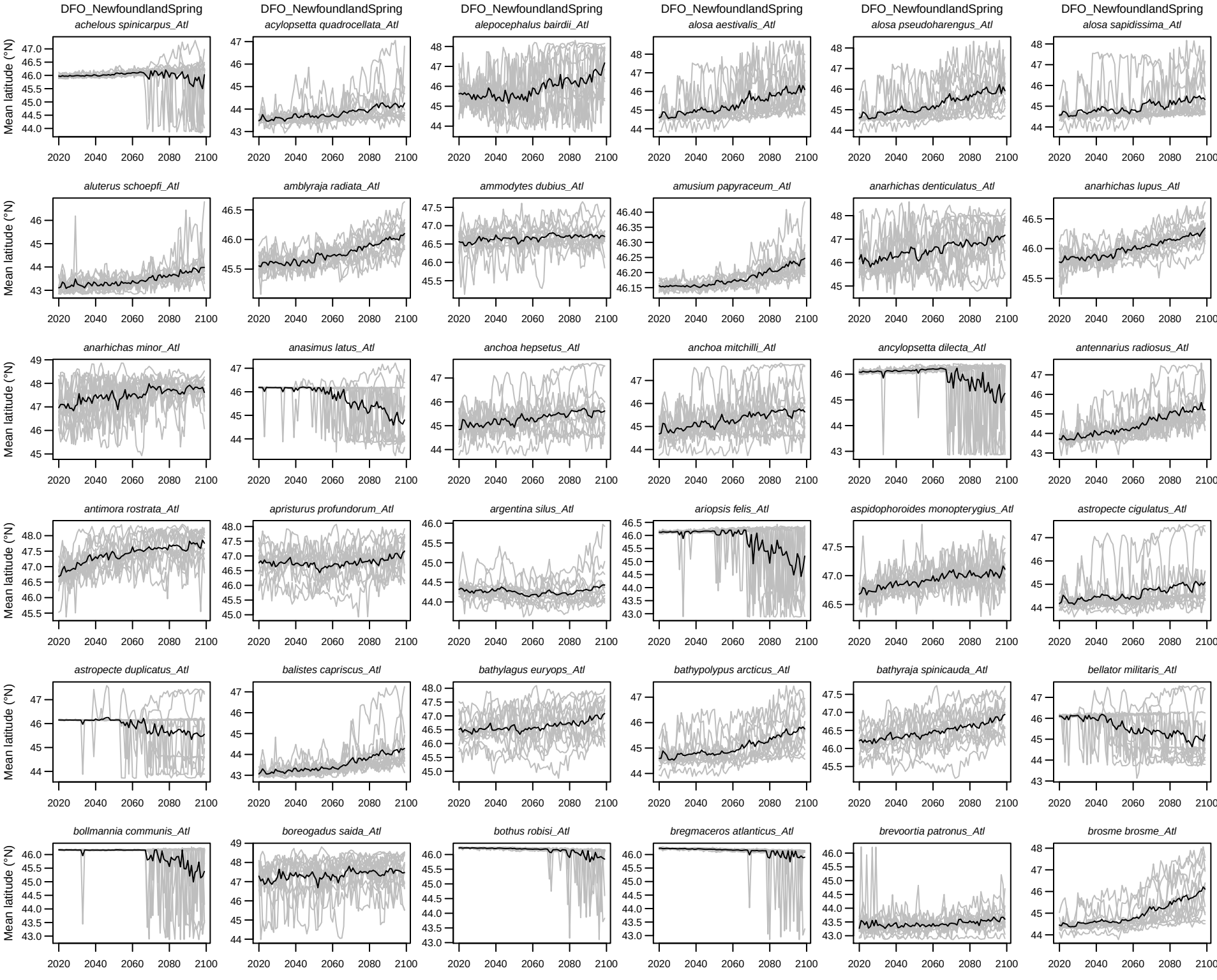
DFO_NewfoundlandSpring
achelous spinicarpus_Atl
acylopsetta quadrocellata_Atl
alepocephalus bairdii_Atl
alosa aestivalis_Atl
alosa pseudoharengus_Atl
alosa sapidissima_Atl
aluterus schoepfi_Atl
amblyraja radiata_Atl
ammodytes dubius_Atl
amusium papyraceum_Atl
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ariopsis felis_Atl
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astropecte cigulatus_Atl
astropecte duplicatus_Atl
balistes capriscus_Atl
bathylagus euryops_Atl
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bellator militaris_Atl
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boreogadus saida_Atl
bothus robisi_Atl
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Mean latitude (°N)
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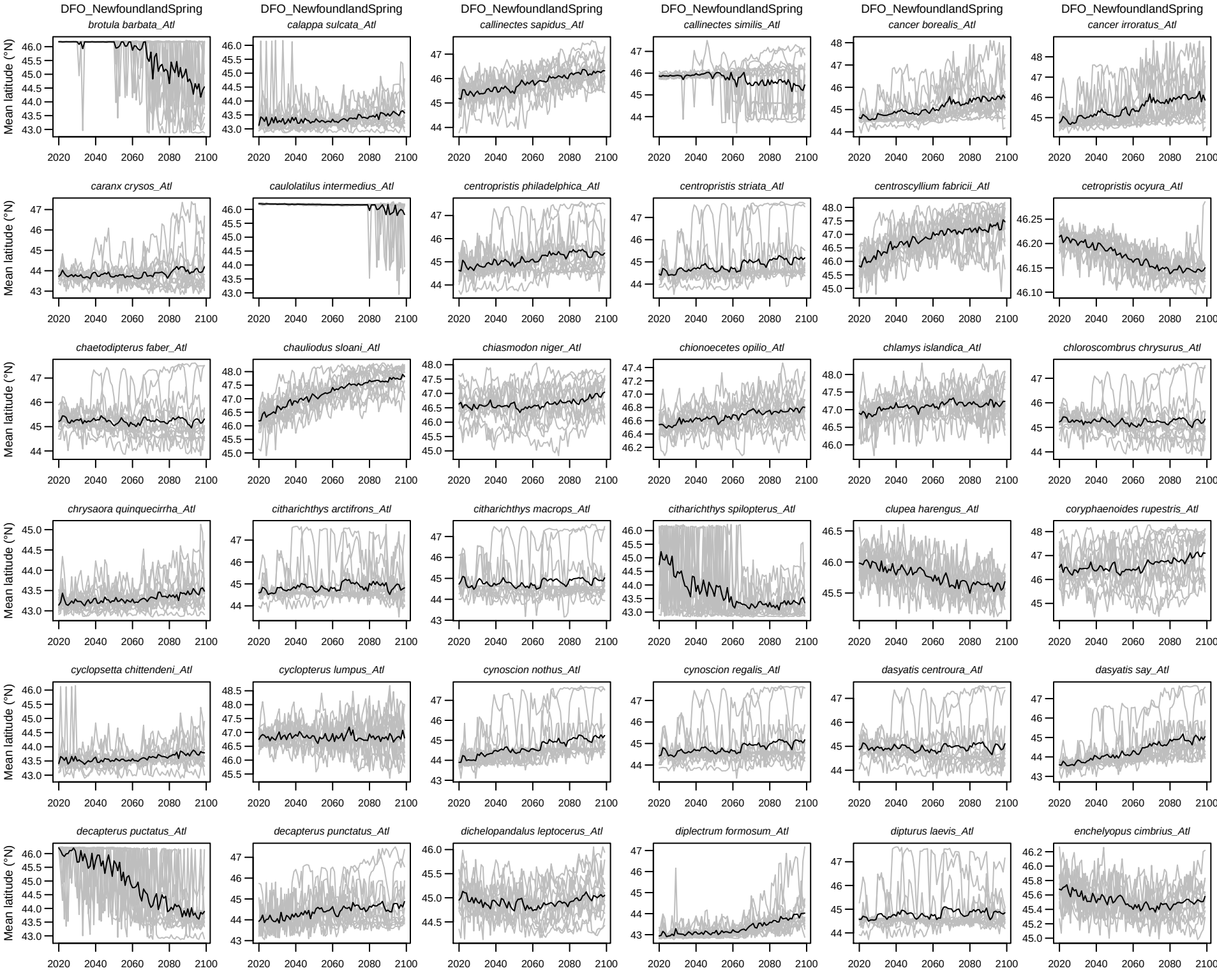
DFO_NewfoundlandSpring
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callinectes sapidus_Atl
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cancer borealis_Atl
cancer irroratus_Atl
caranx crysos_Atl
caulolatilus intermedius_Atl
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citharichthys arctifrons_Atl
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cyclopsetta chittendeni_Atl
cyclopterus lumpus_Atl
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dasyatis centroura_Atl
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decapterus puctatus_Atl
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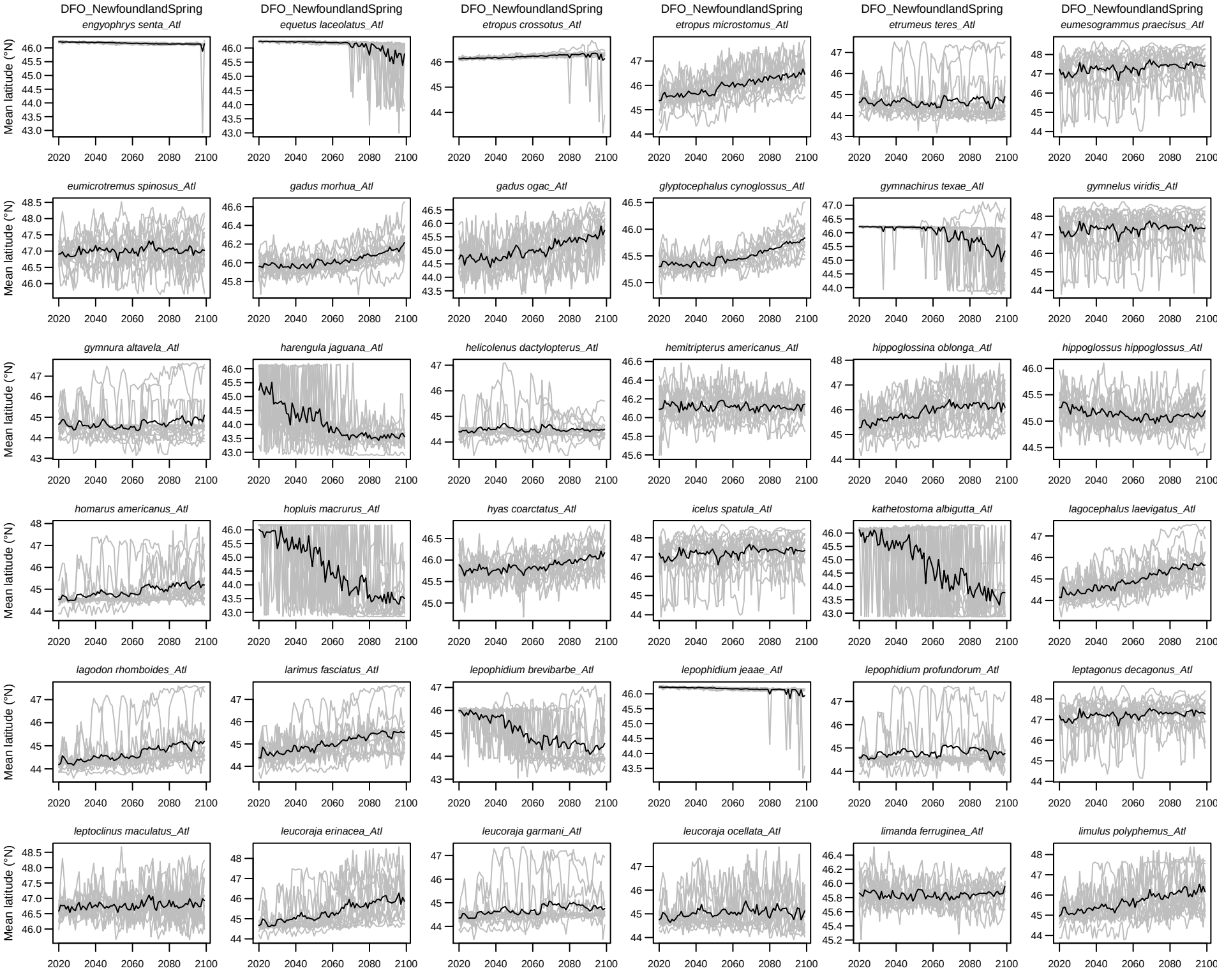
Mean latitude (°N)


DFO_NewfoundlandSpring
engyophrys senta_Atl
equetus laceolatus_Atl
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eumesogrammus praecisus_Atl
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glyptocephalus cynoglossus_Atl
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kathetostoma albigutta_Atl
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leucoraja garmani_Atl
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Mean latitude (°N)
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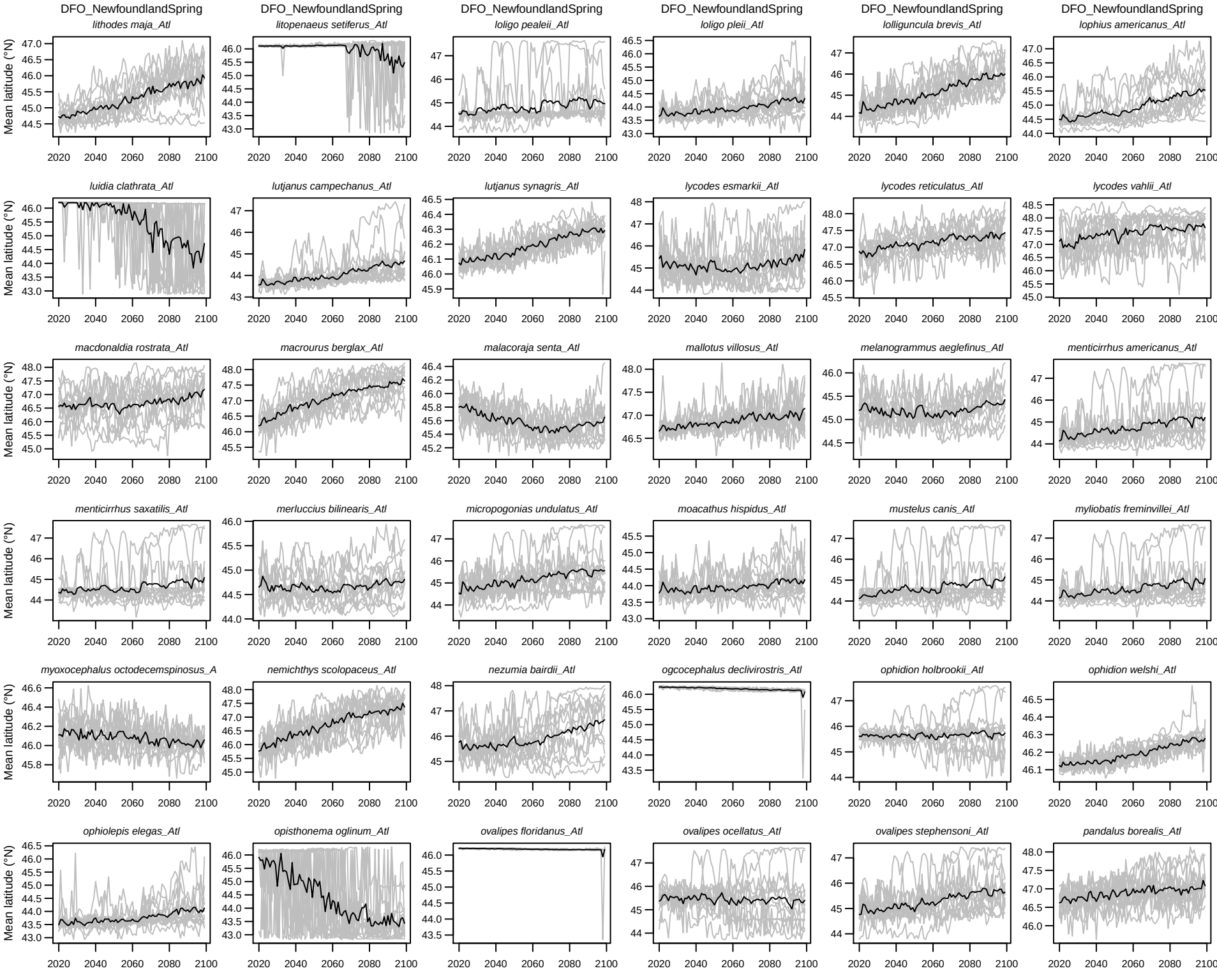
DFO_NewfoundlandSpring
lithodes maja_Atl
litopenaeus setiferus_Atl
loligo pealeii_Atl
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lolliguncula brevis_Atl
lophius americanus_Atl
luidia clathrata_Atl
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lycodes esmarkii_Atl
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lycodes vahlii_Atl
macdonaldia rostrata_Atl
macrourus berglax_Atl
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menticirrhus americanus_Atl
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nezumia bairdii_Atl
ogcocephalus declivirostris_Atl
ophidion holbrookii_Atl
ophidion welshi_Atl
ophiolepis elegas_Atl
opisthonema oglinum_Atl
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Mean latitude (°N)
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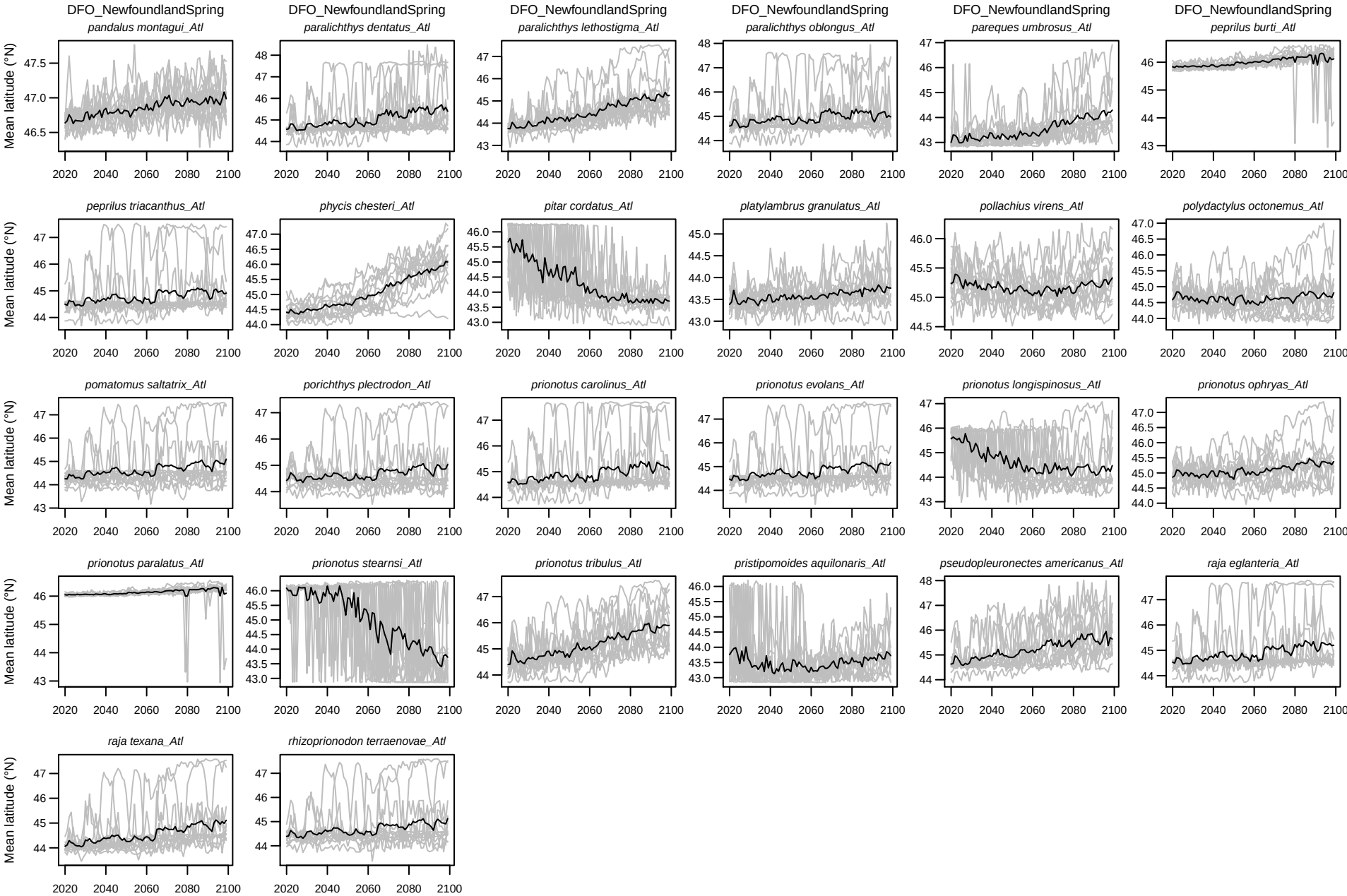
DFO_NewfoundlandSpring
pandalus montagui_Atl
paralichthys dentatus_Atl
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pollachius virens_Atl
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prionotus carolinus_Atl
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Mean latitude (°N)
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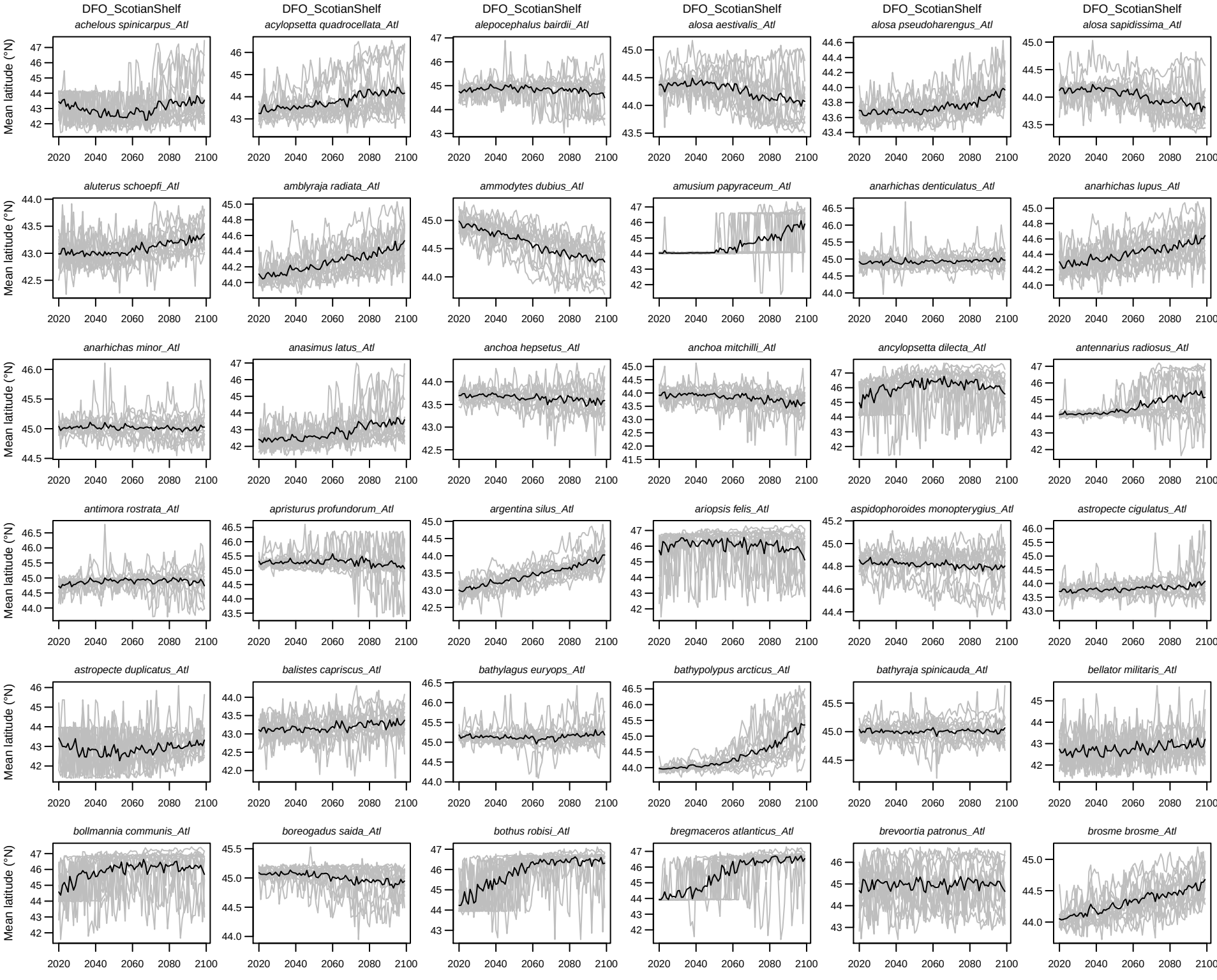
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acylopsetta quadrocellata_Atl
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alosa aestivalis_Atl
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alosa sapidissima_Atl
aluterus schoepfi_Atl
amblyraja radiata_Atl
ammodytes dubius_Atl
amusium papyraceum_Atl
anarhichas denticulatus_Atl
anarhichas lupus_Atl
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anchoa hepsetus_Atl
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astropecte cigulatus_Atl
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balistes capriscus_Atl
bathylagus euryops_Atl
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bellator militaris_Atl
bollmannia communis_Atl
boreogadus saida_Atl
bothus robisi_Atl
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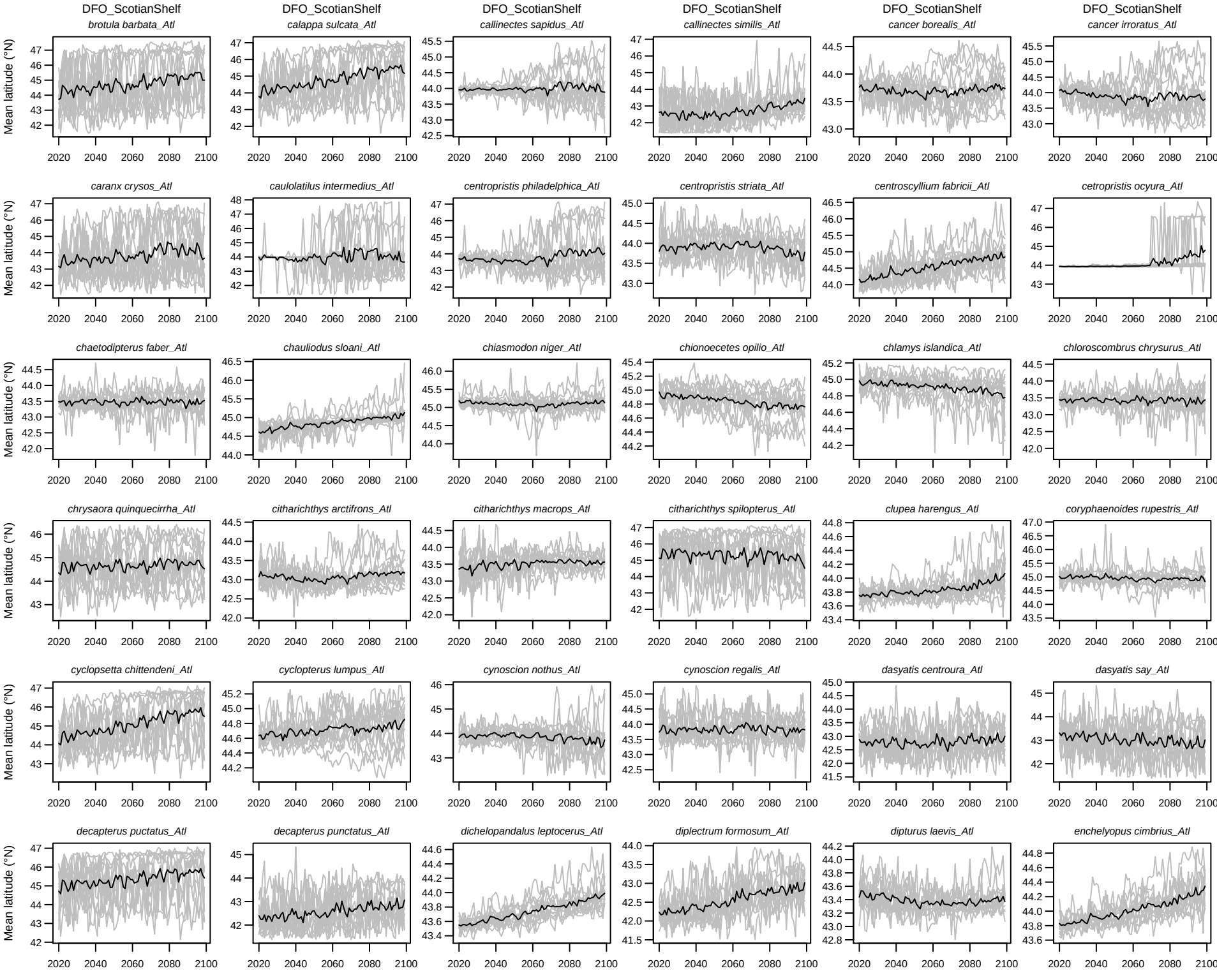
DFO_ScotianShelf
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calappa sulcata_Atl
callinectes sapidus_Atl
callinectes similis_Atl
cancer borealis_Atl
cancer irroratus_Atl
caranx crysos_Atl
caulolatilus intermedius_Atl
centropristis philadelphica_Atl
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centroscyllium fabricii_Atl
cetropristis ocyura_Atl
chaetodipterus faber_Atl
chauliodus sloani_Atl
chiasmodon niger_Atl
chionoecetes opilio_Atl
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citharichthys spilopterus_Atl
clupea harengus_Atl
coryphaenoides rupestris_Atl
cyclopsetta chittendeni_Atl
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decapterus puctatus_Atl
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dichelopandalus leptocerus_Atl
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Mean latitude (°N)
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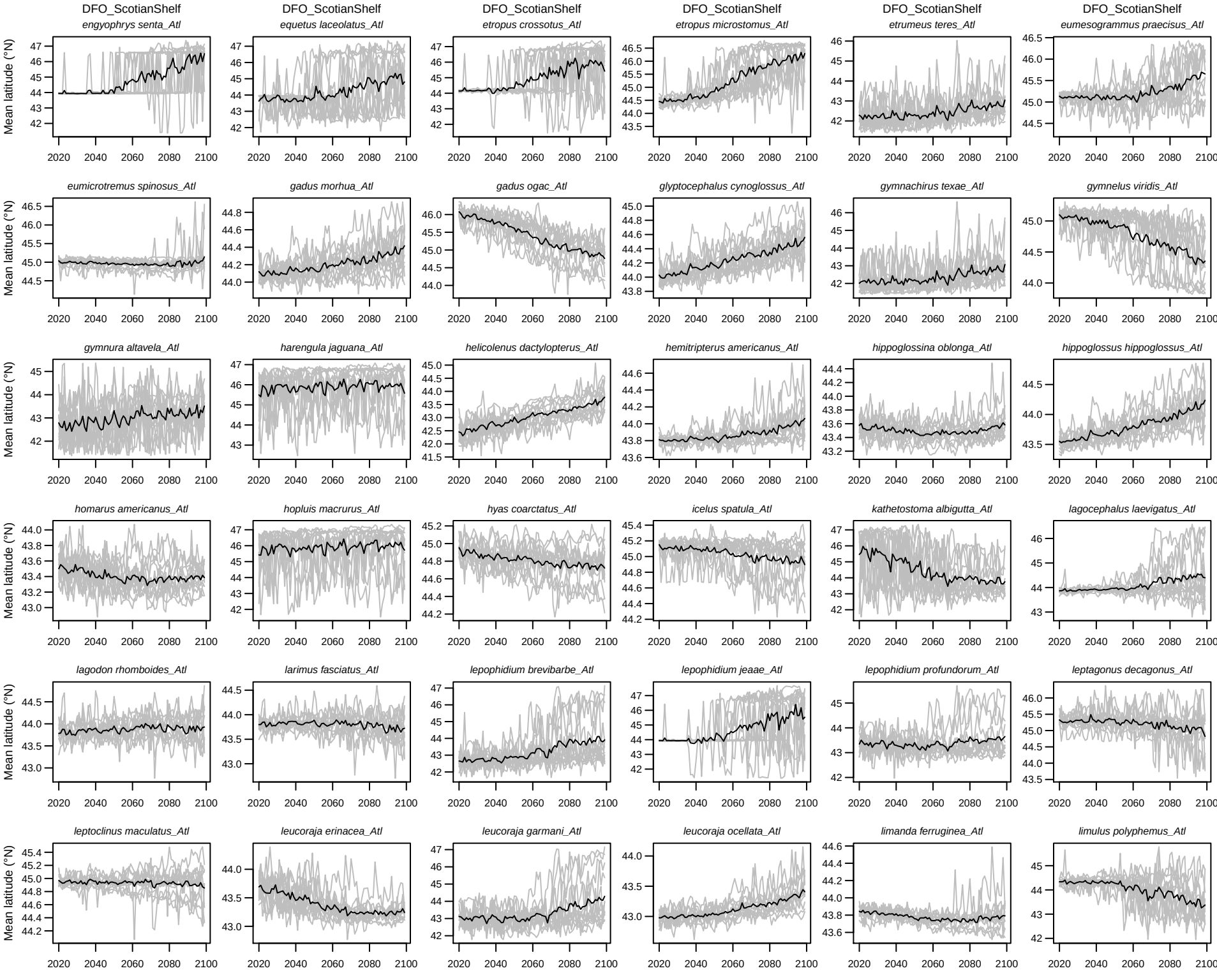
DFO_ScotianShelf
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equetus laceolatus_Atl
etropus crossotus_Atl
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gadus morhua_Atl
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larimus fasciatus_Atl
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lepophidium profundorum_Atl
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leucoraja garmani_Atl
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Mean latitude (°N)
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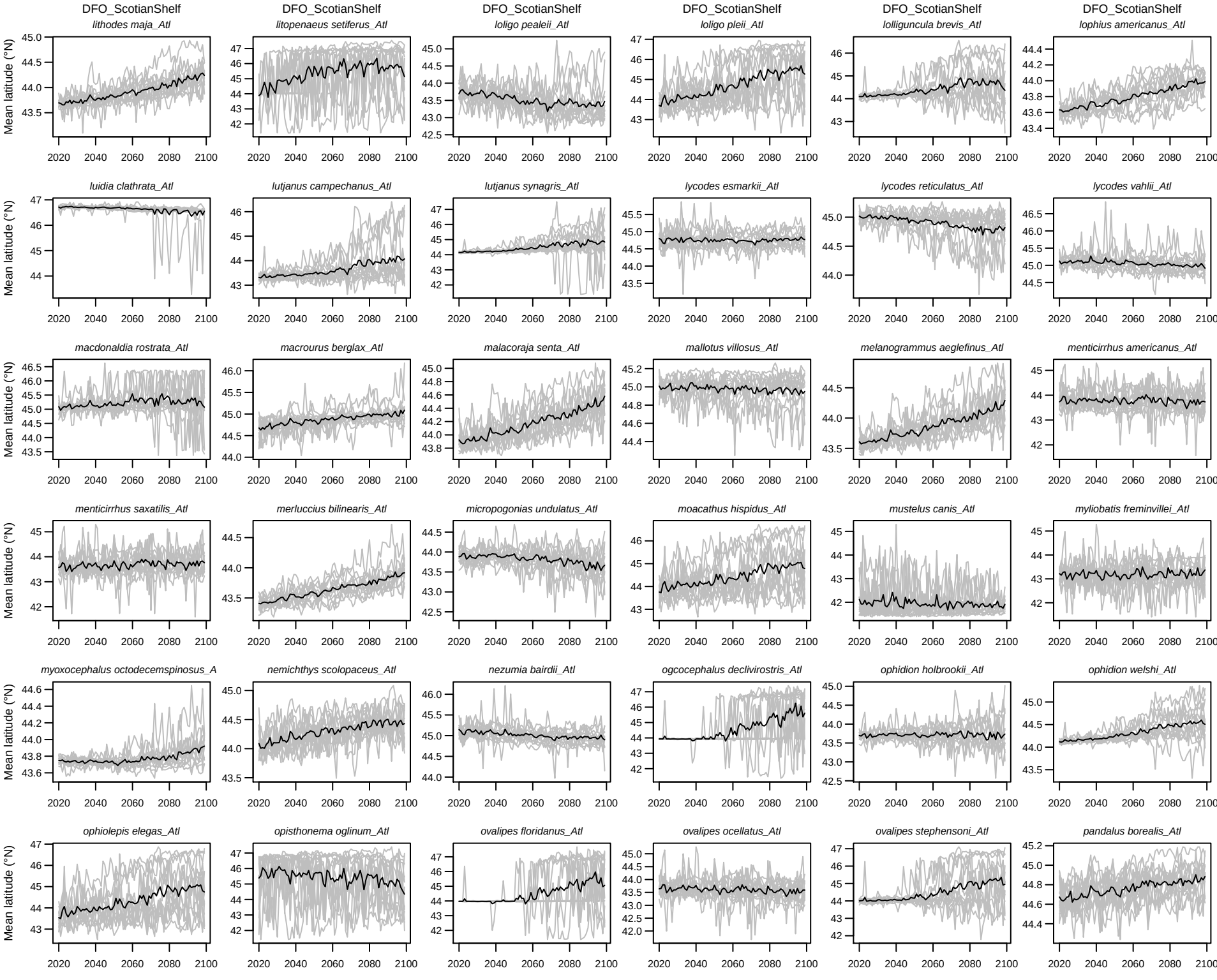
DFO_ScotianShelf
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loligo pealeii_Atl
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lophius americanus_Atl
luidia clathrata_Atl
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nemichthys scolopaceus_Atl
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ogcocephalus declivirostris_Atl
ophidion holbrookii_Atl
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opisthonema oglinum_Atl
ovalipes floridanus_Atl
ovalipes ocellatus_Atl
ovalipes stephensoni_Atl
pandalus borealis_Atl
Mean latitude (°N)
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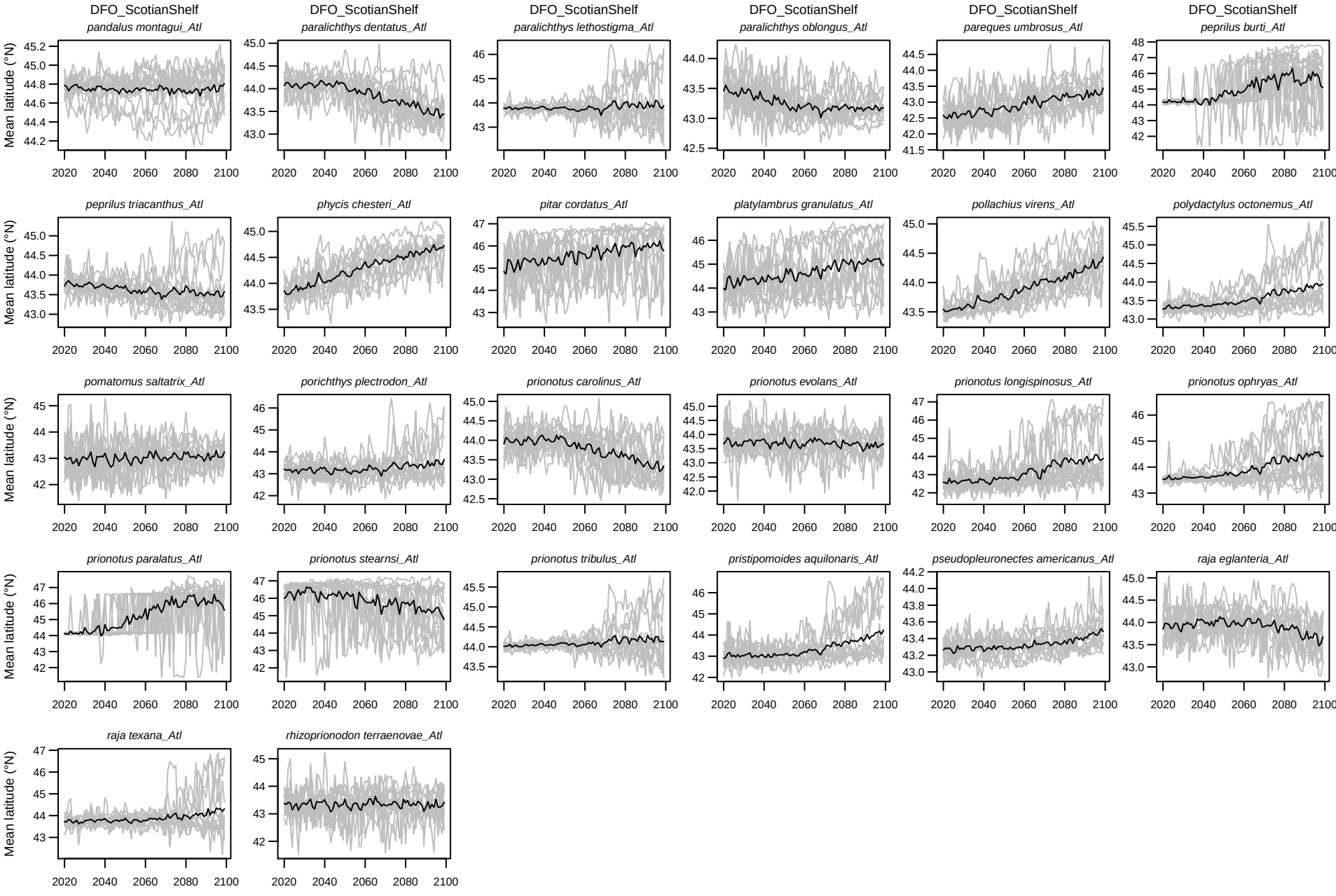
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pitar cordatus_Atl
platylambrus granulatus_Atl
pollachius virens_Atl
polydactylus octonemus_Atl
pomatomus saltatrix_Atl
porichthys plectrodon_Atl
prionotus carolinus_Atl
prionotus evolans_Atl
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prionotus ophryas_Atl
prionotus paralatus_Atl
prionotus stearnsi_Atl
prionotus tribulus_Atl
pristipomoides aquilonaris_Atl
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Mean latitude (°N)
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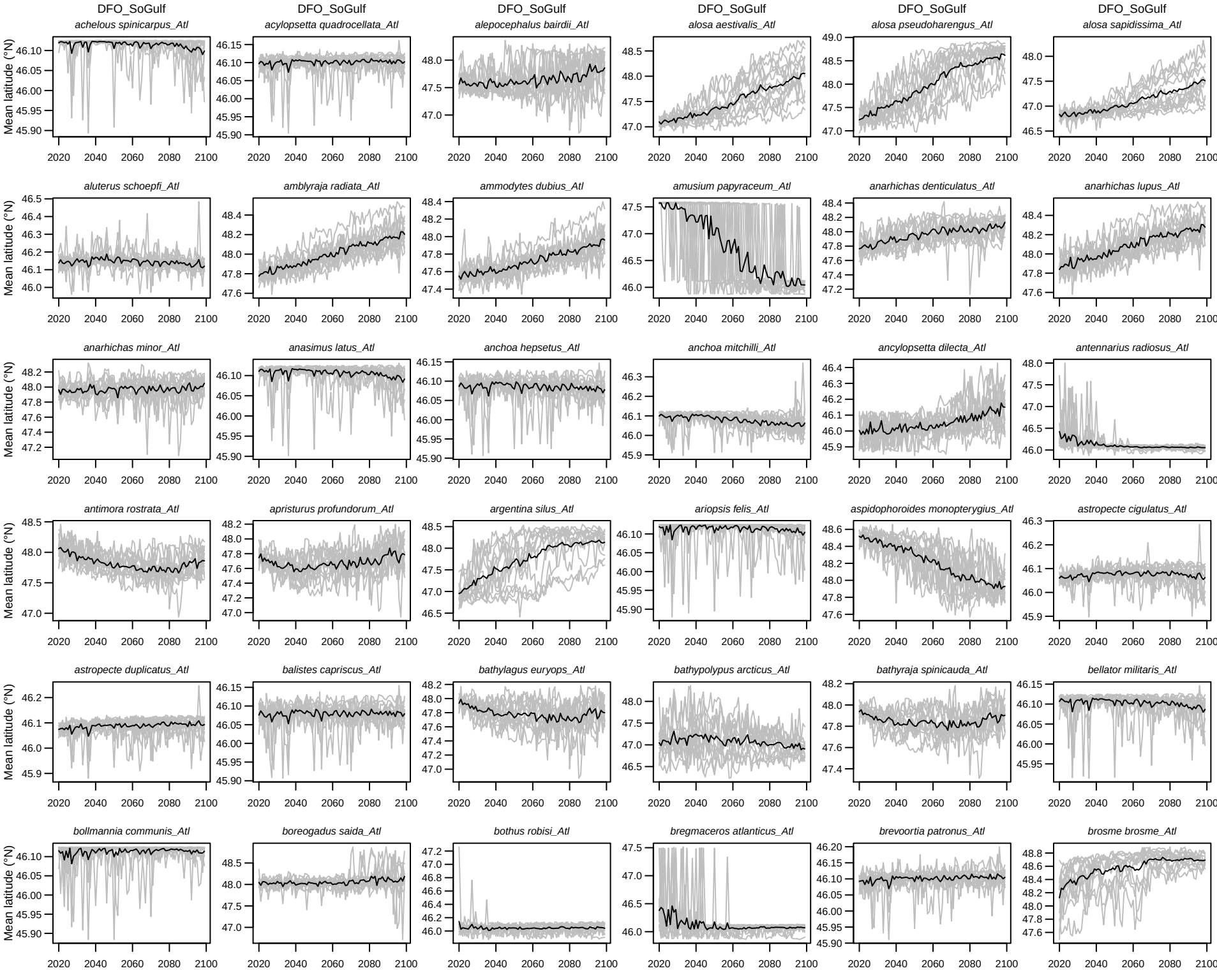
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acylopsetta quadrocellata_Atl
alepocephalus bairdii_Atl
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alosa sapidissima_Atl
aluterus schoepfi_Atl
amblyraja radiata_Atl
ammodytes dubius_Atl
amusium papyraceum_Atl
anarhichas denticulatus_Atl
anarhichas lupus_Atl
anarhichas minor_Atl
anasimus latus_Atl
anchoa hepsetus_Atl
anchoa mitchilli_Atl
ancylopsetta dilecta_Atl
antennarius radiosus_Atl
antimora rostrata_Atl
apristurus profundorum_Atl
argentina silus_Atl
ariopsis felis_Atl
aspidophoroides monopterygius_Atl
astropecte cigulatus_Atl
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balistes capriscus_Atl
bathylagus euryops_Atl
bathypolypus arcticus_Atl
bathyraja spinicauda_Atl
bellator militaris_Atl
bollmannia communis_Atl
boreogadus saida_Atl
bothus robisi_Atl
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Mean latitude (°N)
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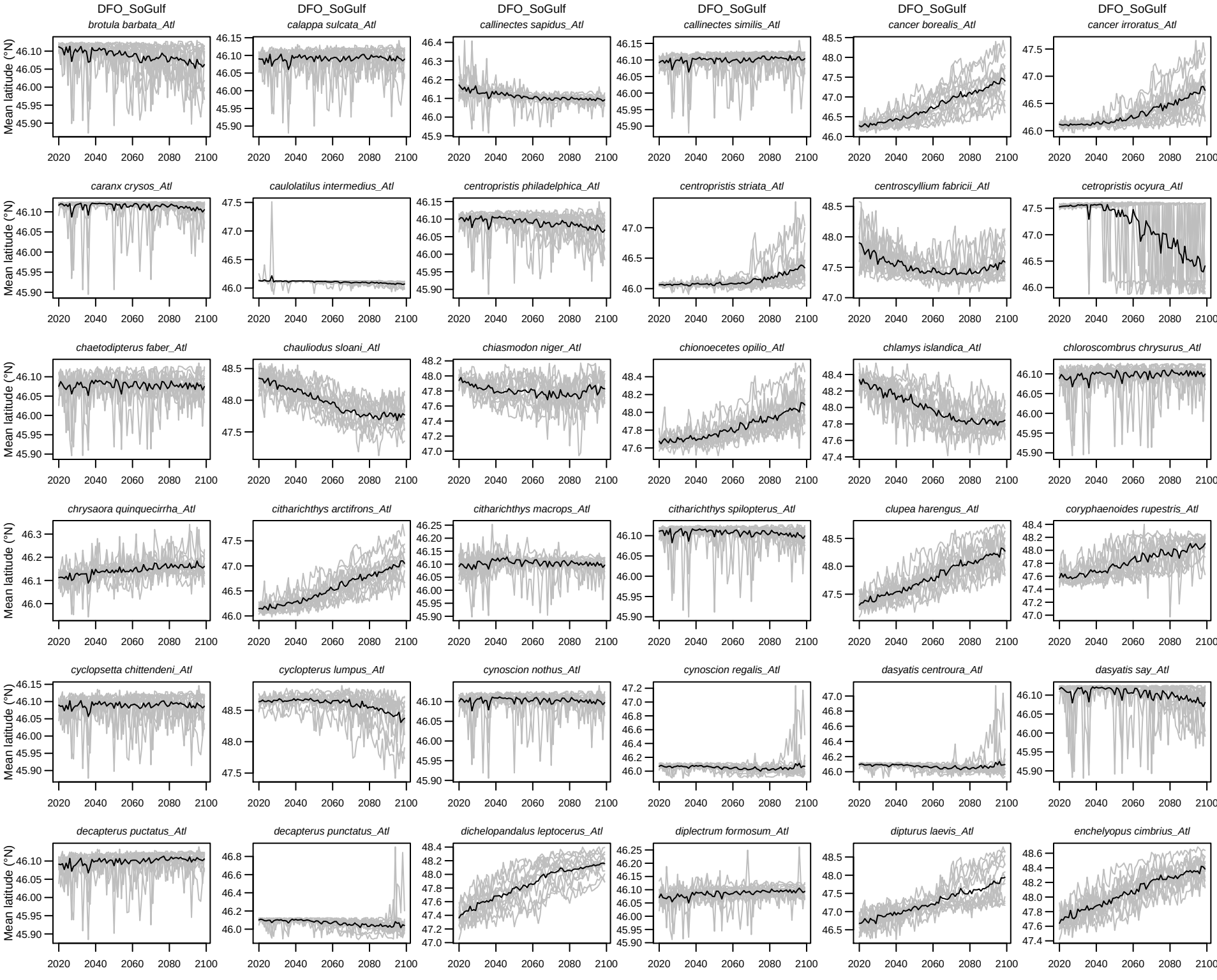
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caranx crysos_Atl
caulolatilus intermedius_Atl
centropristis philadelphica_Atl
centropristis striata_Atl
centroscyllium fabricii_Atl
cetropristis ocyura_Atl
chaetodipterus faber_Atl
chauliodus sloani_Atl
chiasmodon niger_Atl
chionoecetes opilio_Atl
chlamys islandica_Atl
chloroscombrus chrysurus_Atl
chrysaora quinquecirrha_Atl
citharichthys arctifrons_Atl
citharichthys macrops_Atl
citharichthys spilopterus_Atl
clupea harengus_Atl
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cyclopsetta chittendeni_Atl
cyclopterus lumpus_Atl
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dasyatis centroura_Atl
dasyatis say_Atl
decapterus puctatus_Atl
decapterus punctatus_Atl
dichelopandalus leptocerus_Atl
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Mean latitude (°N)
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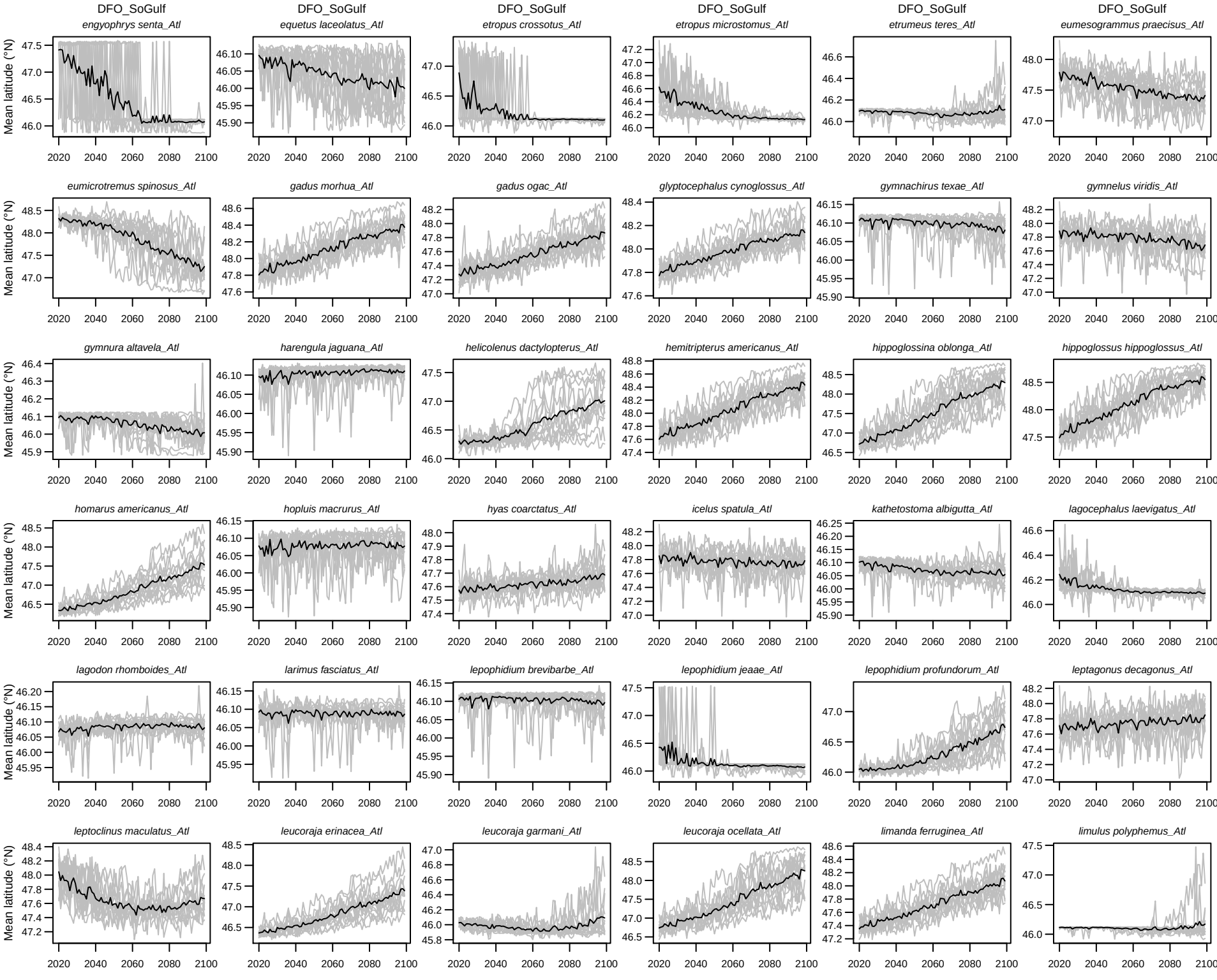
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etropus crossotus_Atl
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eumicrotremus spinosus_Atl
gadus morhua_Atl
gadus ogac_Atl
glyptocephalus cynoglossus_Atl
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gymnelus viridis_Atl
gymnura altavela_Atl
harengula jaguana_Atl
helicolenus dactylopterus_Atl
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hippoglossina oblonga_Atl
hippoglossus hippoglossus_Atl
homarus americanus_Atl
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icelus spatula_Atl
kathetostoma albigutta_Atl
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lagodon rhomboides_Atl
larimus fasciatus_Atl
lepophidium brevibarbe_Atl
lepophidium jeaae_Atl
lepophidium profundorum_Atl
leptagonus decagonus_Atl
leptoclinus maculatus_Atl
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leucoraja garmani_Atl
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Mean latitude (°N)
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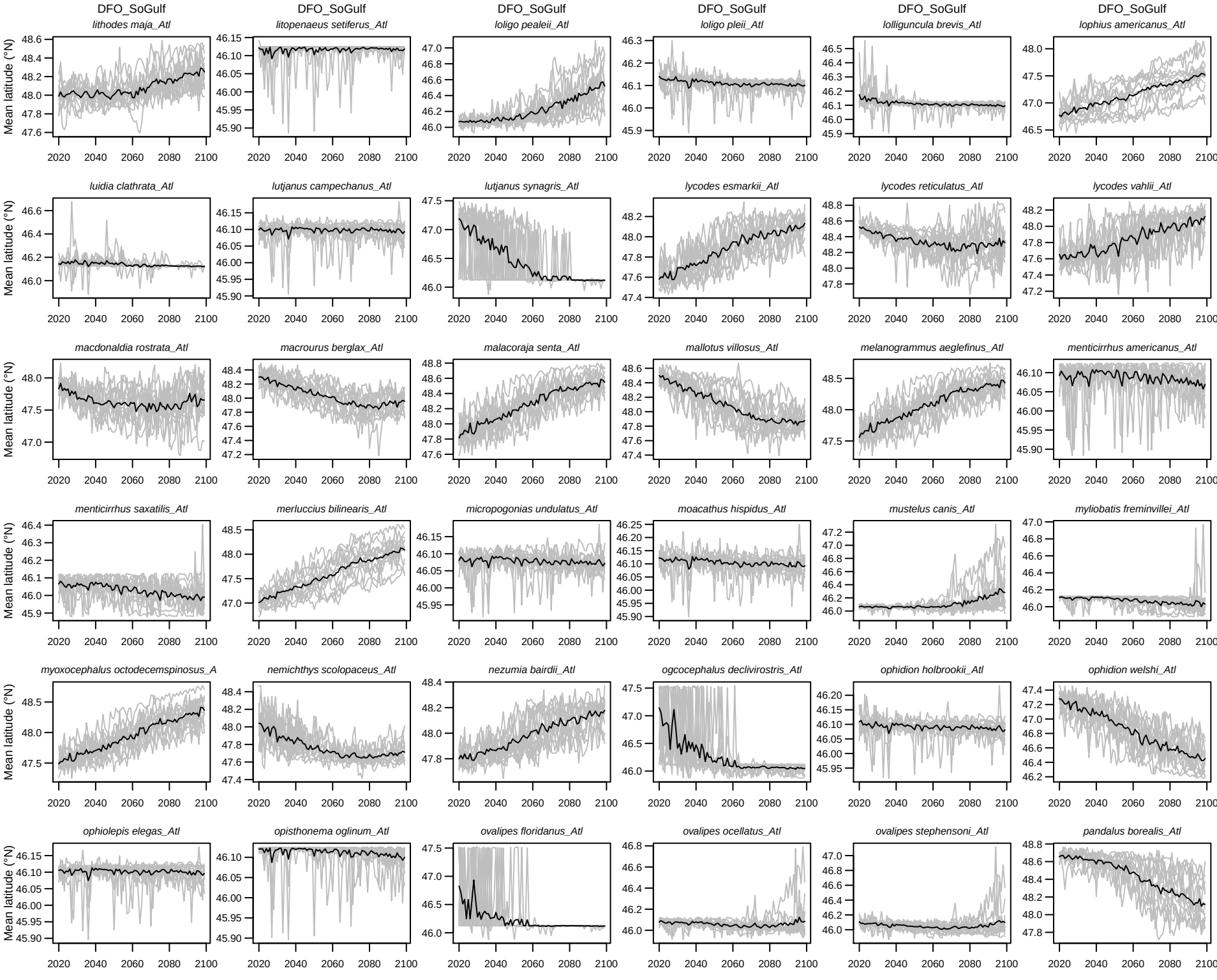
DFO_SoGulf
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litopenaeus setiferus_Atl
loligo pealeii_Atl
loligo pleii_Atl
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lophius americanus_Atl
luidia clathrata_Atl
lutjanus campechanus_Atl
lutjanus synagris_Atl
lycodes esmarkii_Atl
lycodes reticulatus_Atl
lycodes vahlii_Atl
macdonaldia rostrata_Atl
macrourus berglax_Atl
malacoraja senta_Atl
mallotus villosus_Atl
melanogrammus aeglefinus_Atl
menticirrhus americanus_Atl
menticirrhus saxatilis_Atl
merluccius bilinearis_Atl
micropogonias undulatus_Atl
moacathus hispidus_Atl
mustelus canis_Atl
myliobatis freminvillei_Atl
myoxocephalus octodecemspinosus_A
nemichthys scolopaceus_Atl
nezumia bairdii_Atl
ogcocephalus declivirostris_Atl
ophidion holbrookii_Atl
ophidion welshi_Atl
ophiolepis elegas_Atl
opisthonema oglinum_Atl
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pandalus borealis_Atl
Mean latitude (°N)
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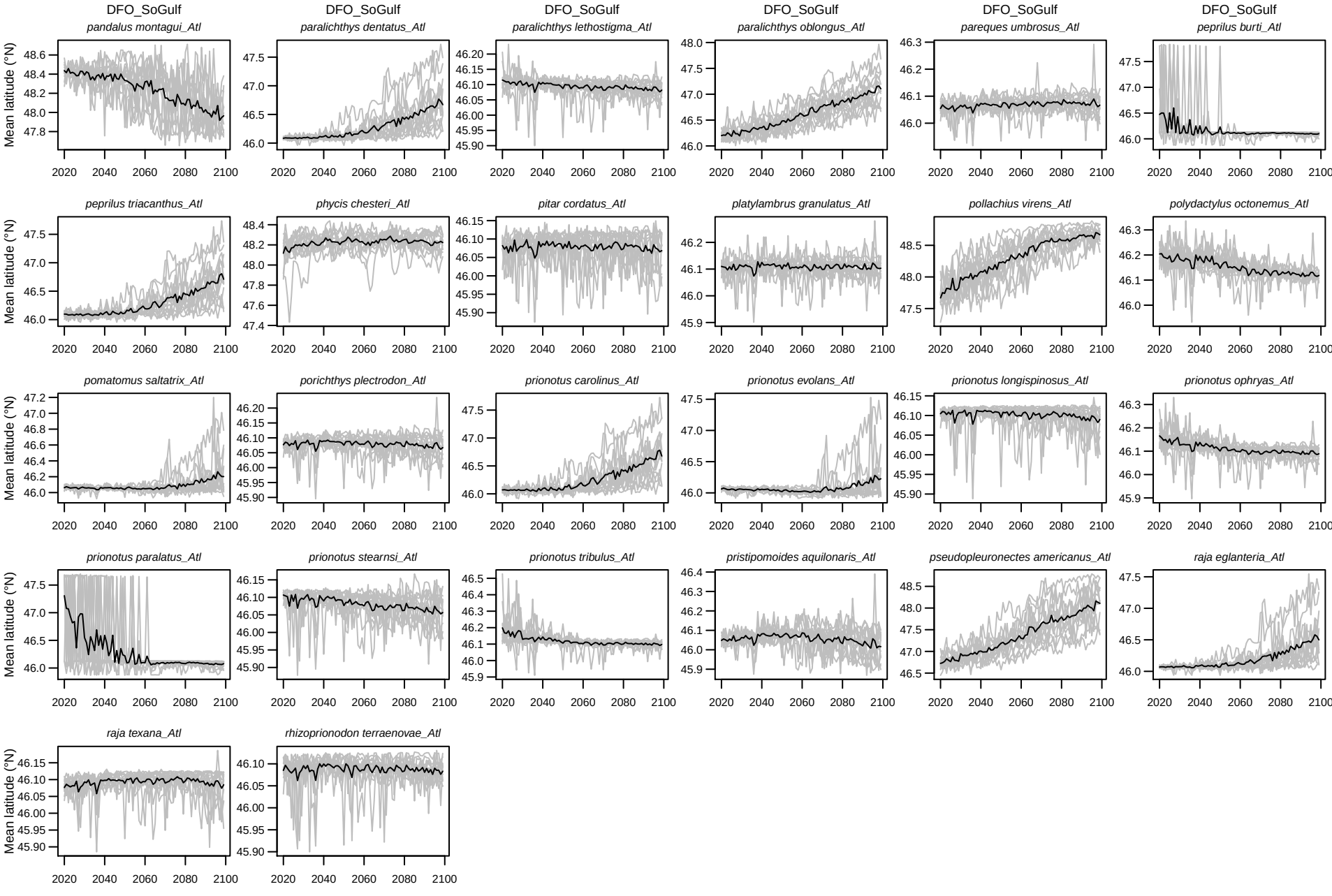
DFO_SoGulf
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Mean latitude (°N)
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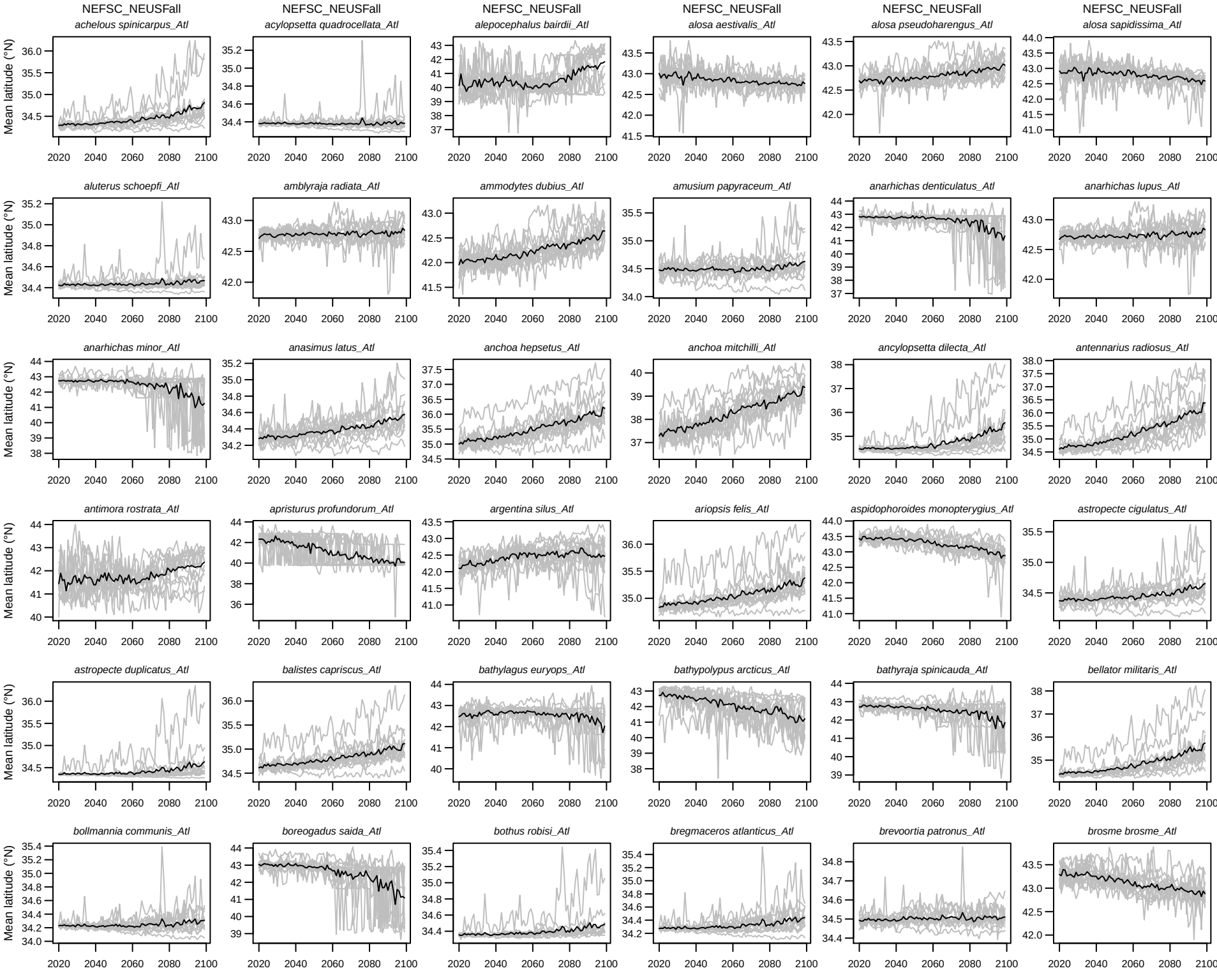
NEFSC_NEUSFall
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alepocephalus bairdii_Atl
alosa aestivalis_Atl
alosa pseudoharengus_Atl
alosa sapidissima_Atl
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anchoa hepsetus_Atl
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balistes capriscus_Atl
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bellator militaris_Atl
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bothus robisi_Atl
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Mean latitude (°N)
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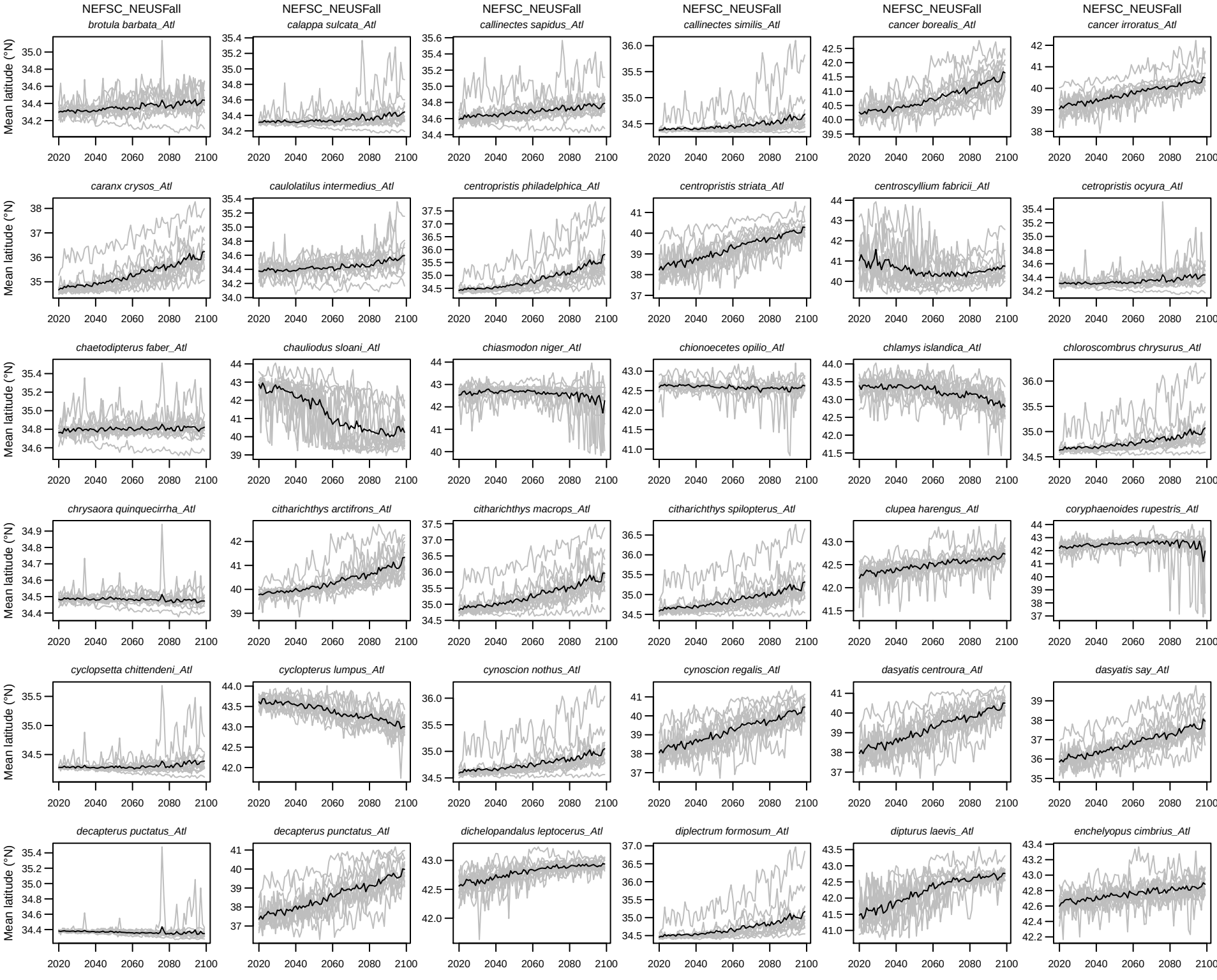
NEFSC_NEUSFall
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caranx crysos_Atl
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centroscyllium fabricii_Atl
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cyclopsetta chittendeni_Atl
cyclopterus lumpus_Atl
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dasyatis say_Atl
decapterus puctatus_Atl
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dichelopandalus leptocerus_Atl
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Mean latitude (°N)
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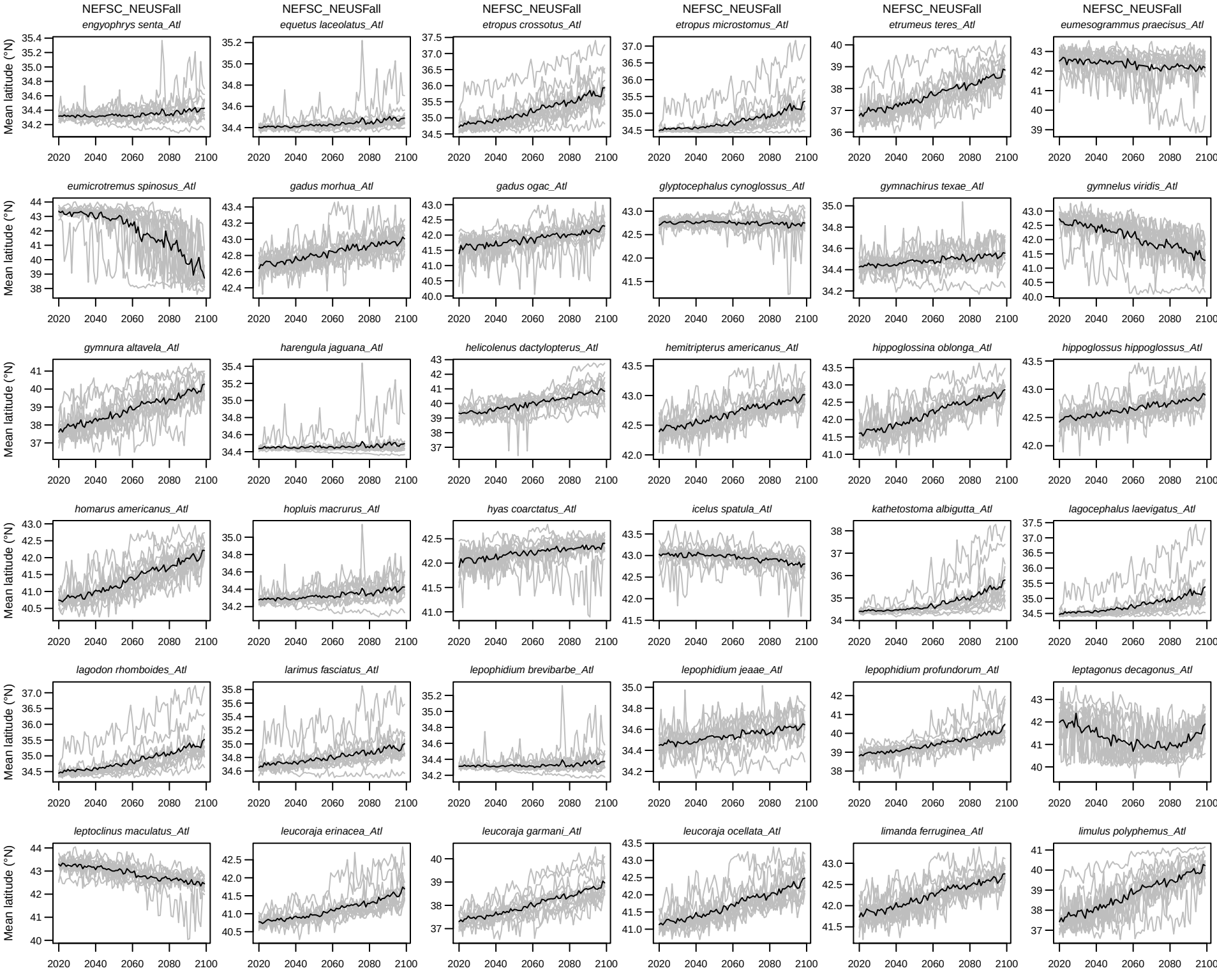
NEFSC_NEUSFall
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Mean latitude (°N)
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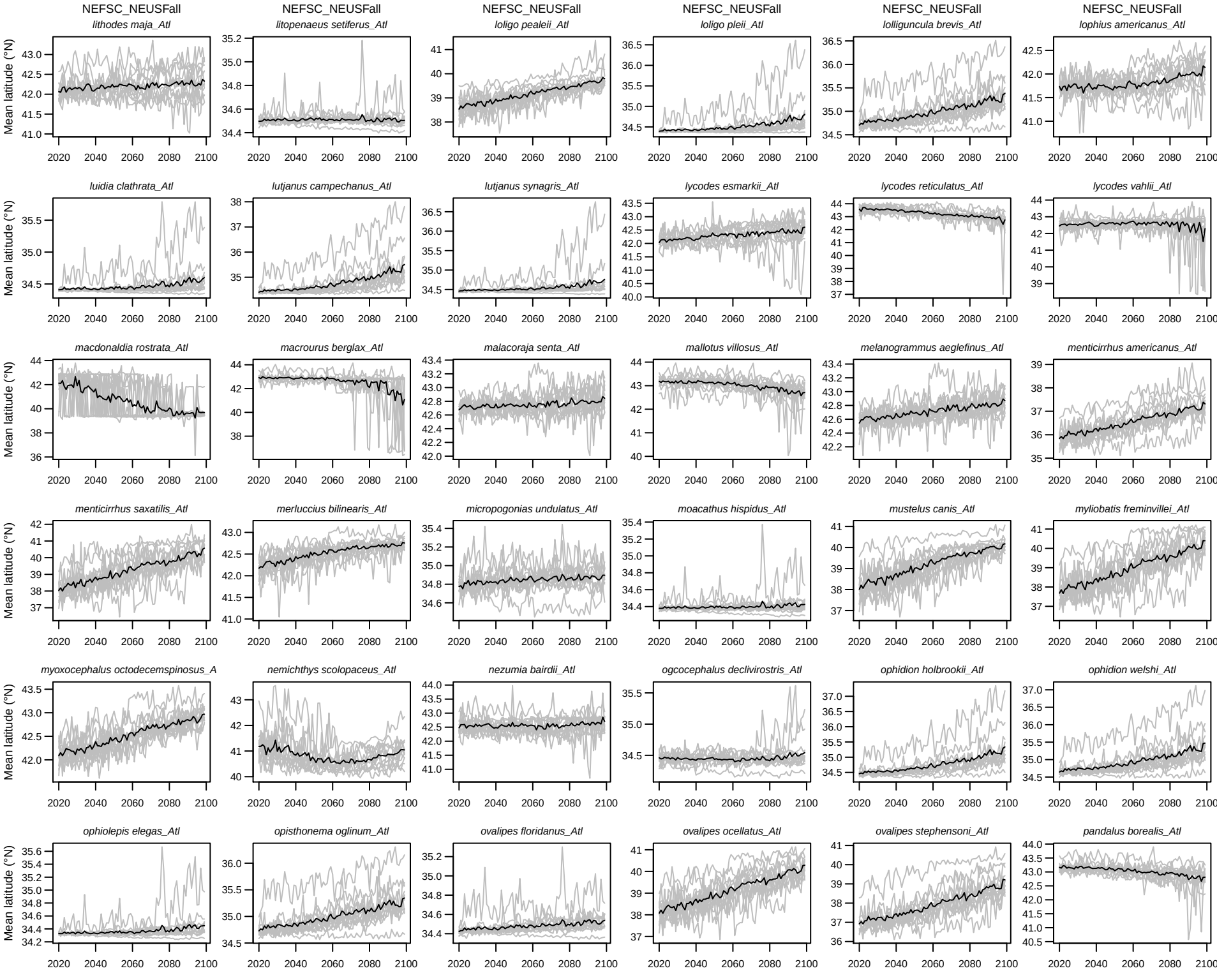
NEFSC_NEUSFall
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luidia clathrata_Atl
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lycodes esmarkii_Atl
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macdonaldia rostrata_Atl
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ophidion holbrookii_Atl
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Mean latitude (°N)
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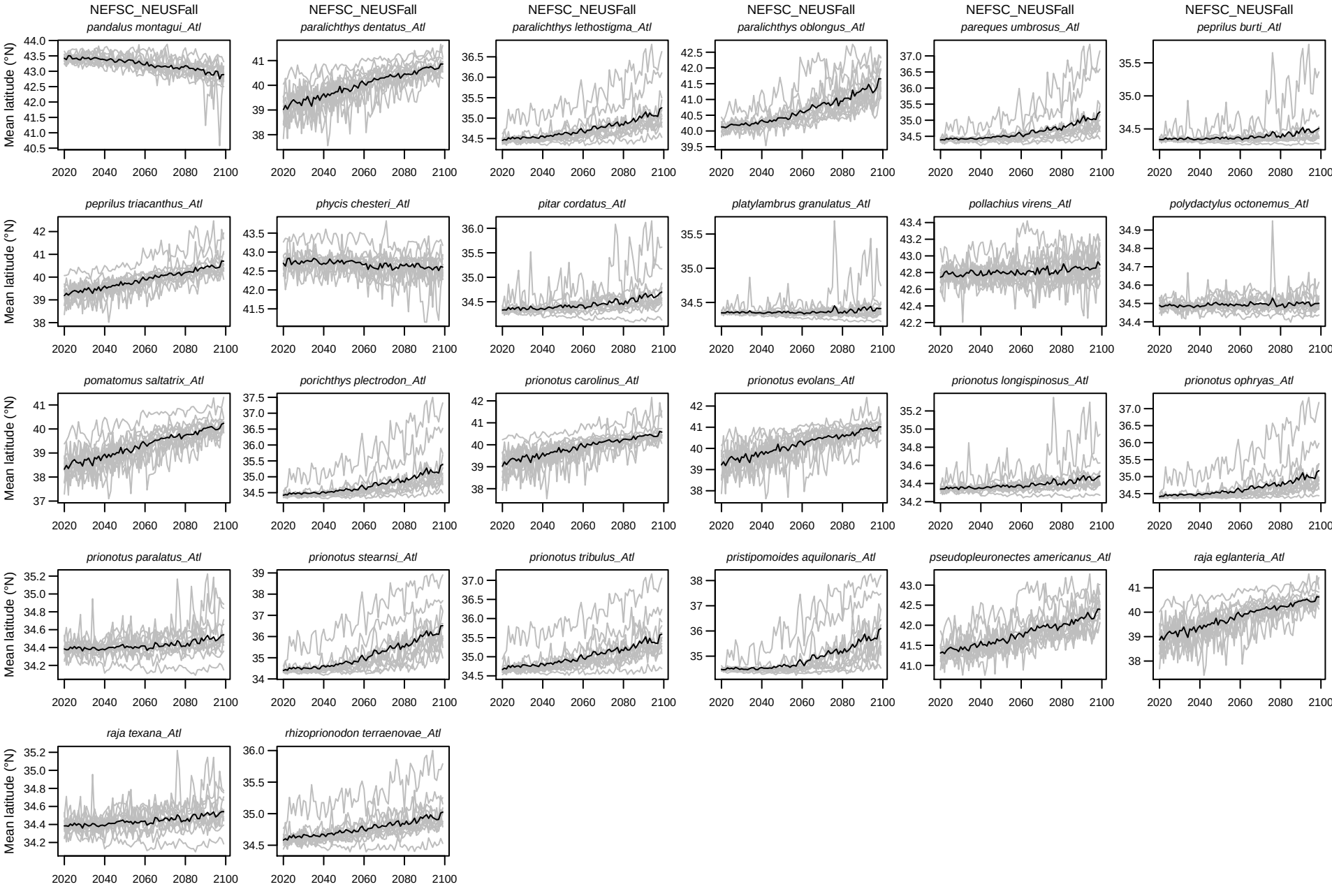
NEFSC_NEUSFall
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Mean latitude (°N)
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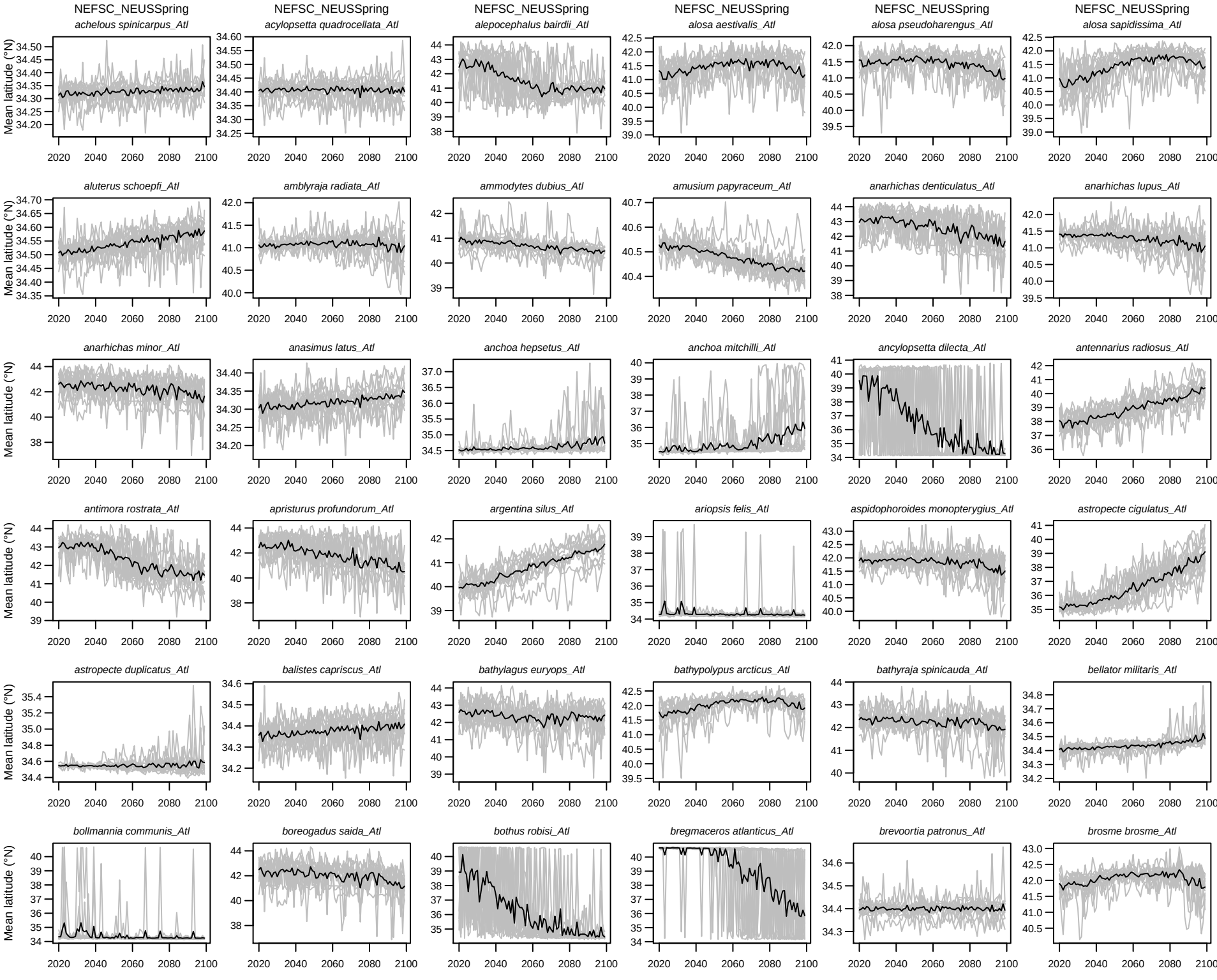
NEFSC_NEUSSpring
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amblyraja radiata_Atl
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amusium papyraceum_Atl
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balistes capriscus_Atl
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bothus robisi_Atl
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Mean latitude (°N)
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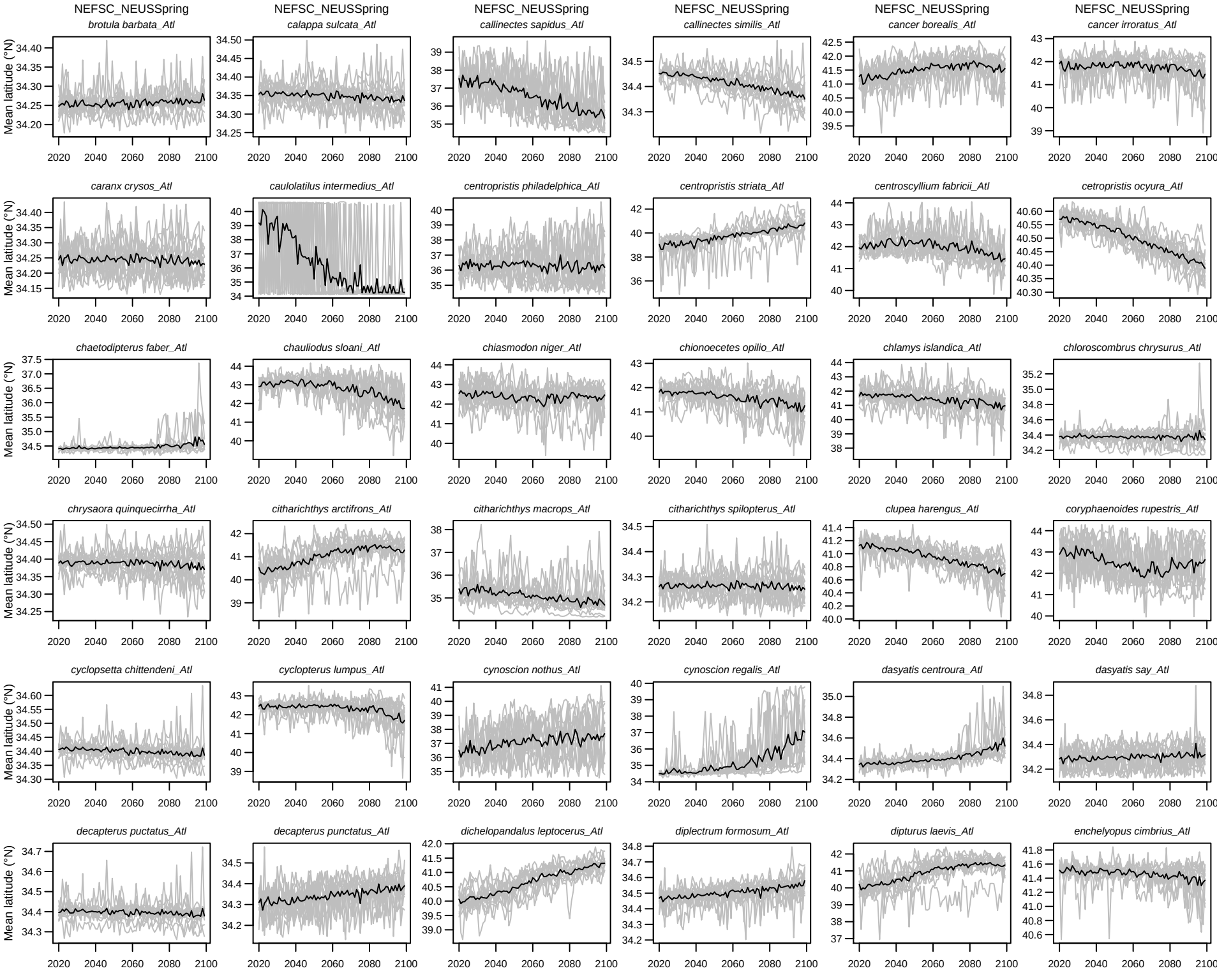
NEFSC_NEUSSpring
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calappa sulcata_Atl
callinectes sapidus_Atl
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cancer borealis_Atl
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caranx crysos_Atl
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centropristis philadelphica_Atl
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cetropristis ocyura_Atl
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Mean latitude (°N)
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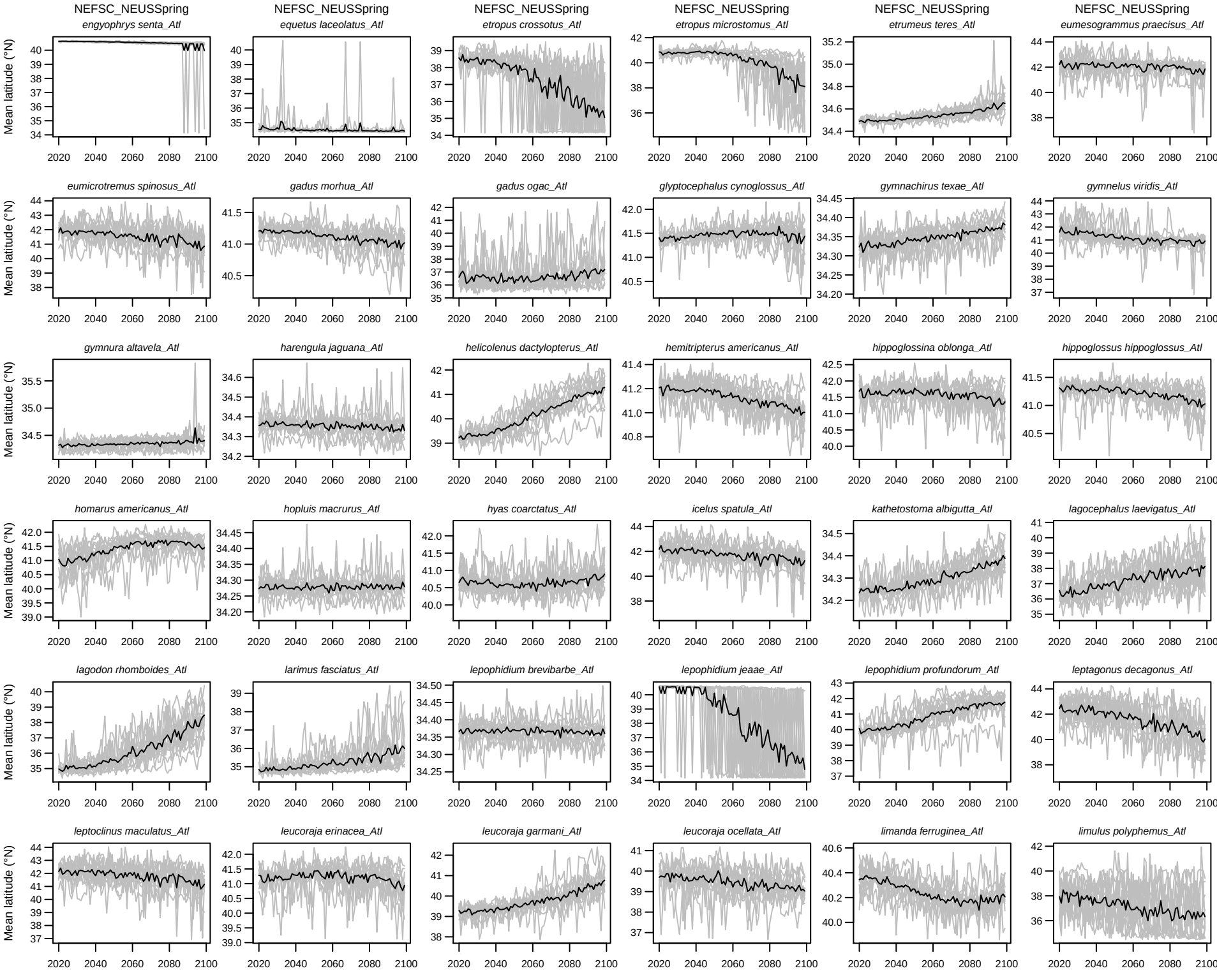
NEFSC_NEUSSpring
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equetus laceolatus_Atl
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Mean latitude (°N)
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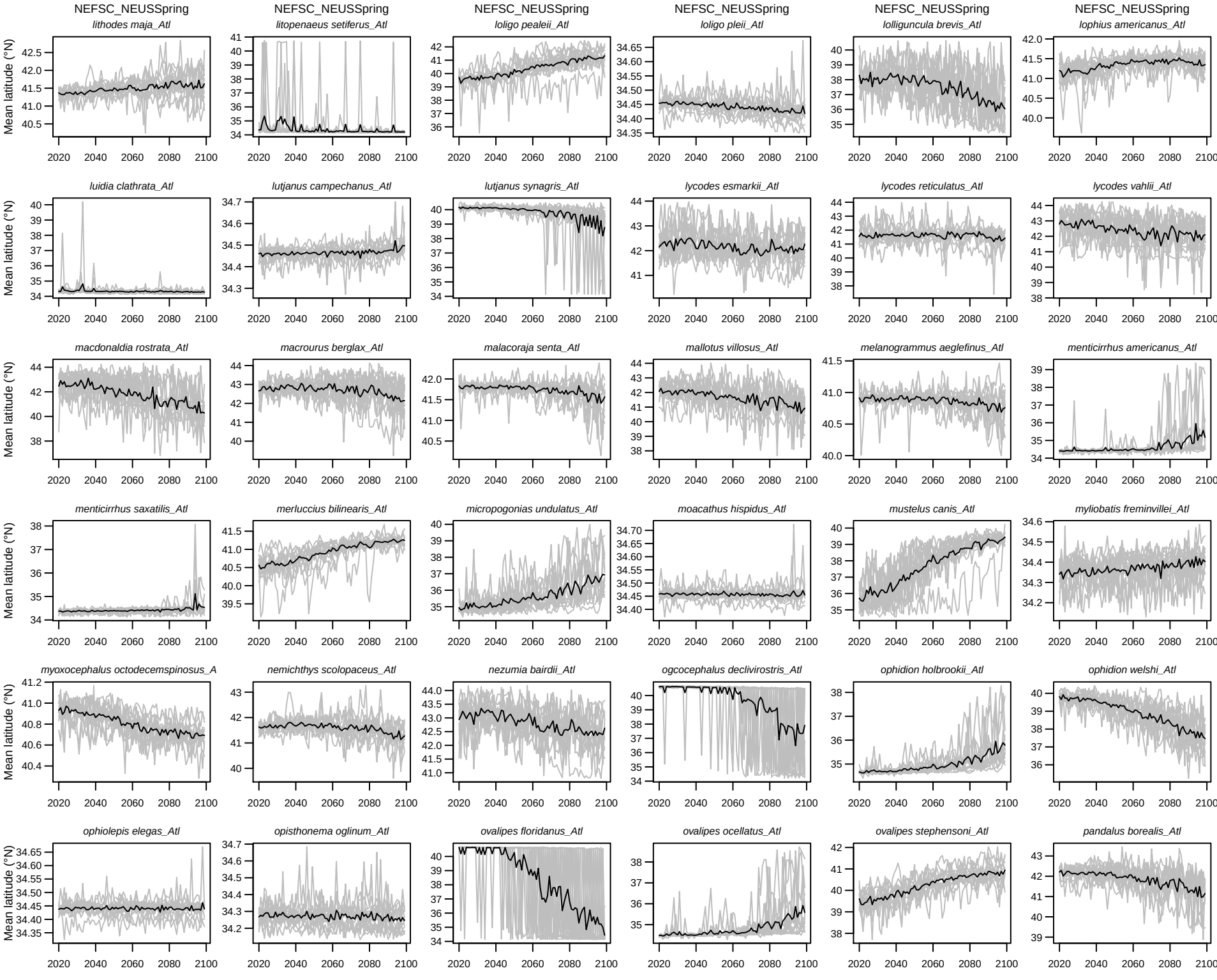
NEFSC_NEUSSpring
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lolliguncula brevis_Atl
lophius americanus_Atl
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ophidion holbrookii_Atl
ophidion welshi_Atl
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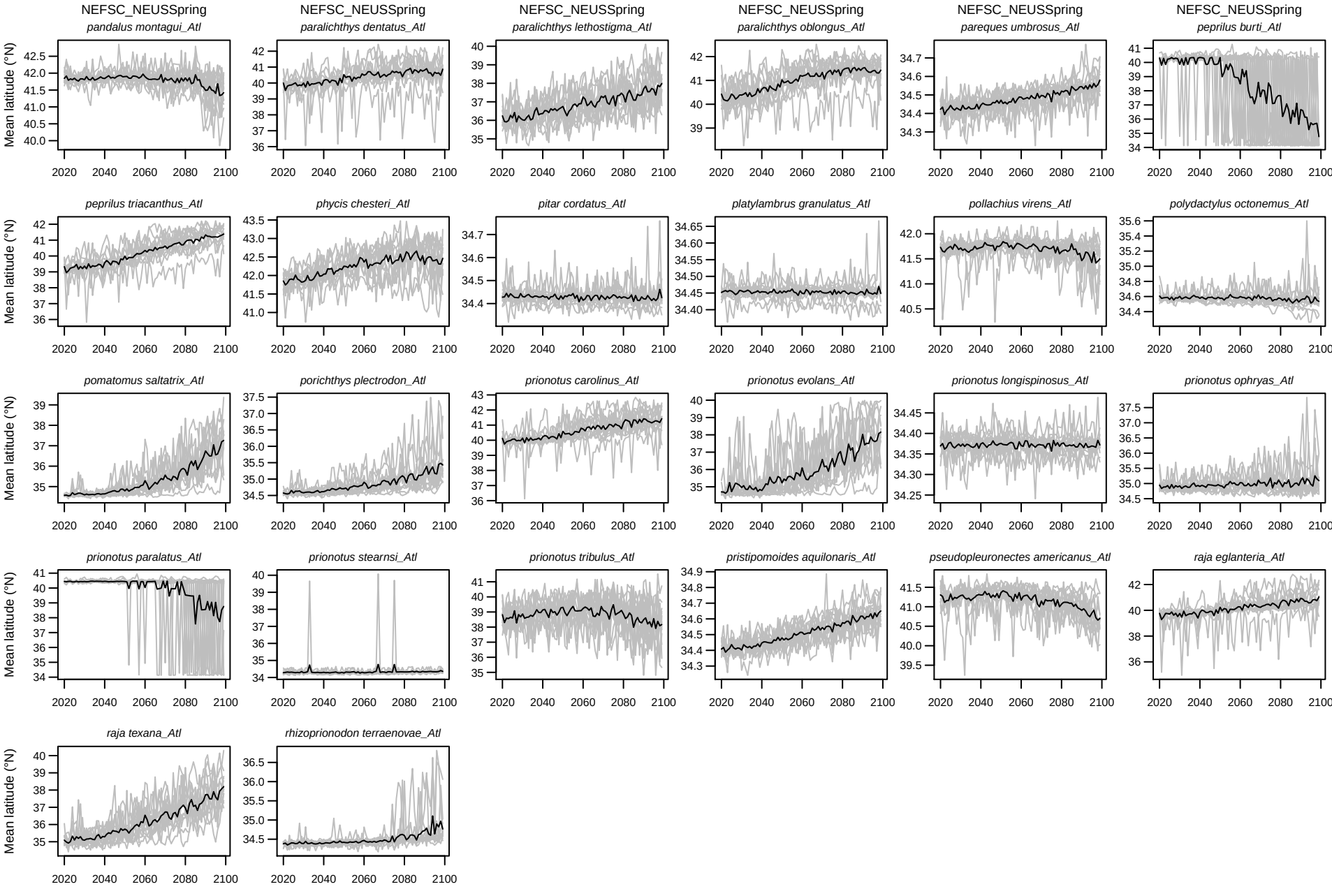
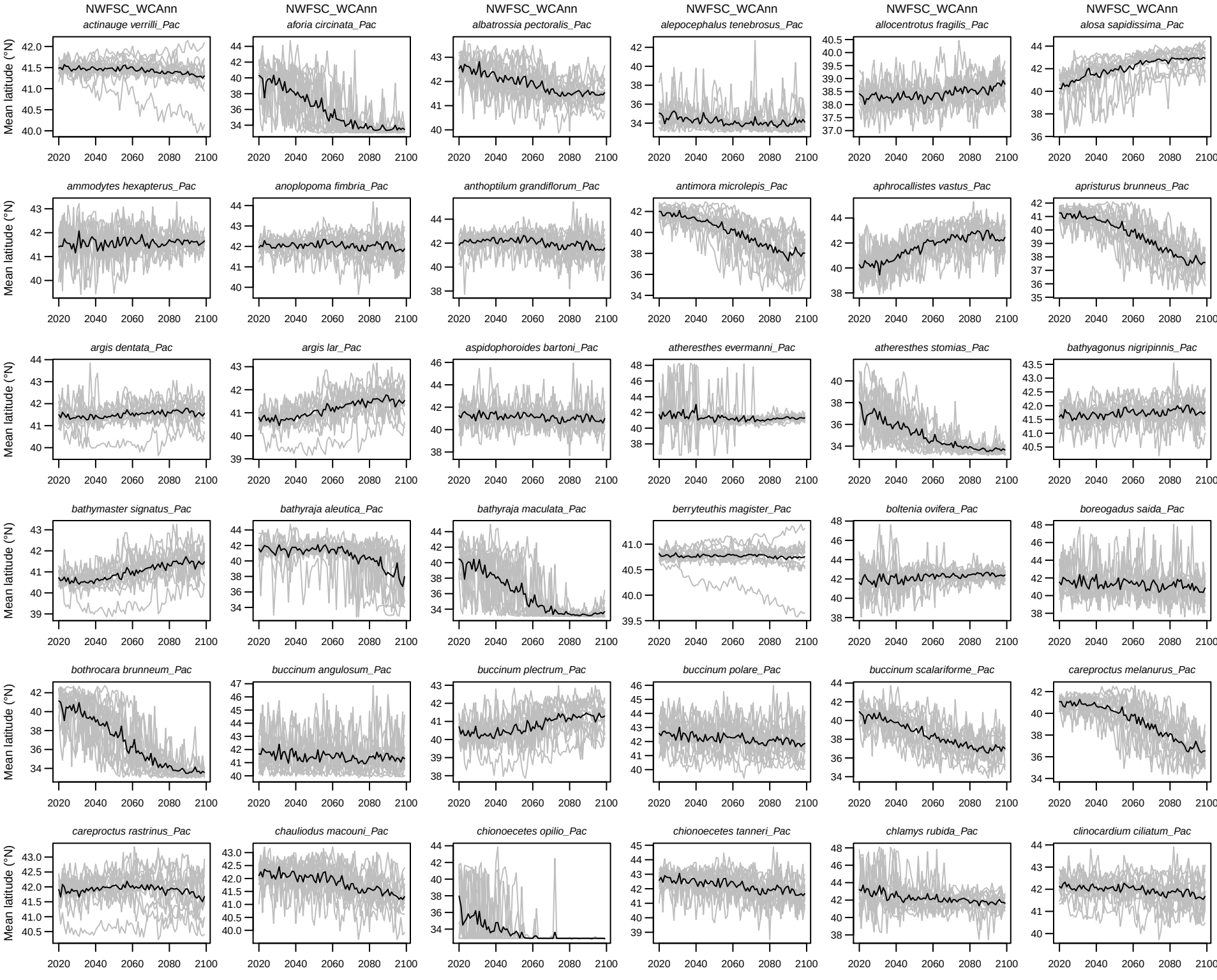
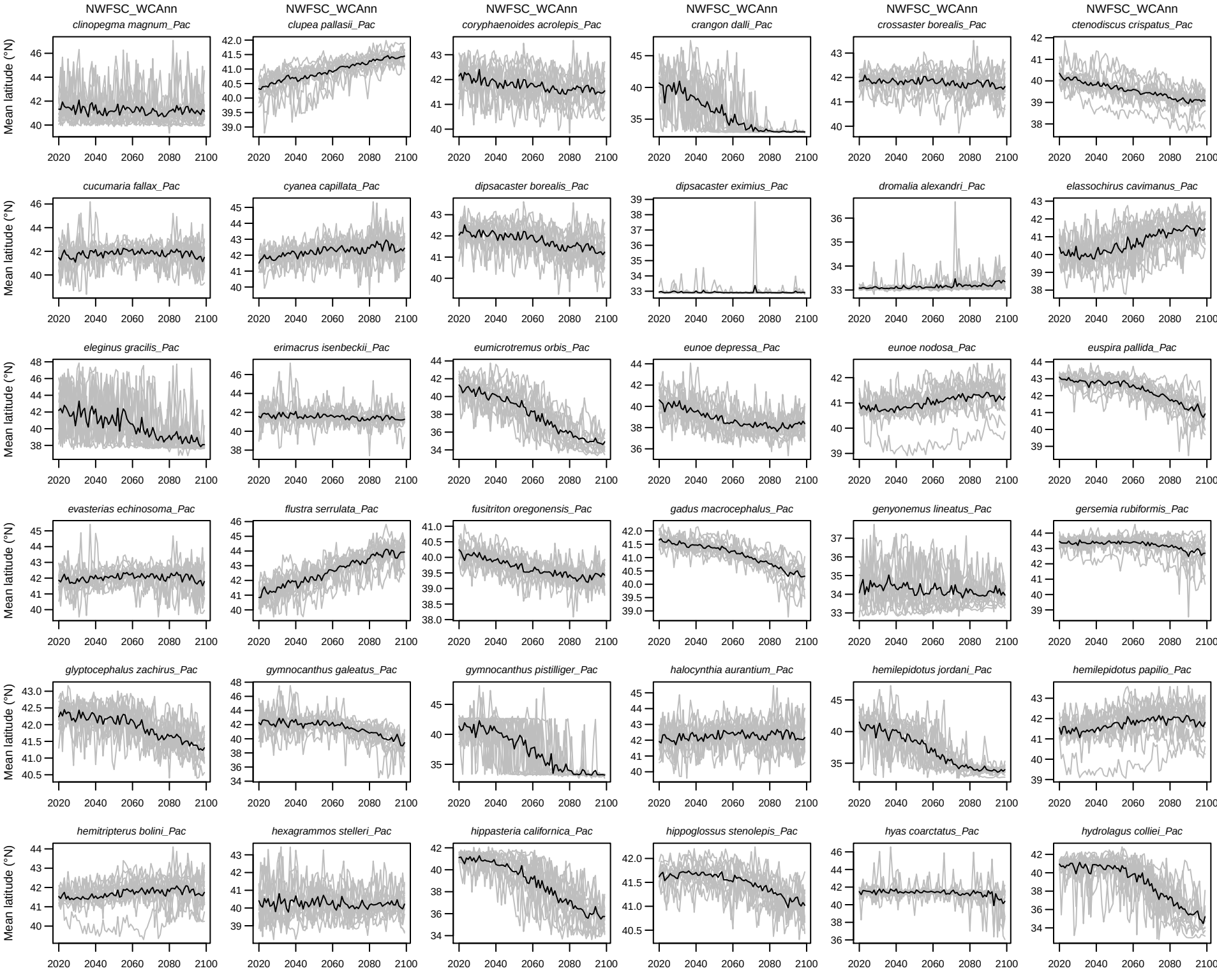

NEFSC_NEUSSpring
pandalus montagui_Atl
paralichthys dentatus_Atl
paralichthys lethostigma_Atl
paralichthys oblongus_Atl
pareques umbrosus_Atl
peprilus burti_Atl
peprilus triacanthus_Atl
phycis chesteri_Atl
pitar cordatus_Atl
platylambrus granulatus_Atl
pollachius virens_Atl
polydactylus octonemus_Atl
pomatomus saltatrix_Atl
porichthys plectrodon_Atl
prionotus carolinus_Atl
prionotus evolans_Atl
prionotus longispinosus_Atl
prionotus ophryas_Atl
prionotus paralatus_Atl
prionotus stearnsi_Atl
prionotus tribulus_Atl
pristipomoides aquilonaris_Atl
pseudopleuronectes americanus_Atl
raja eglanteria_Atl
raja texana_Atl
rhizoprionodon terraenovae_Atl
Mean latitude (°N)
2020
2040
2060
2080
2100


NWFSC_WCAnn
actinauge verrilli_Pac
aforia circinata_Pac
albatrossia pectoralis_Pac
alepocephalus tenebrosus_Pac
allocentrotus fragilis_Pac
alosa sapidissima_Pac
ammodytes hexapterus_Pac
anoplopoma fimbria_Pac
anthoptilum grandiflorum_Pac
antimora microlepis_Pac
aphrocallistes vastus_Pac
apristurus brunneus_Pac
argis dentata_Pac
argis lar_Pac
aspidophoroides bartoni_Pac
atheresthes evermanni_Pac
atheresthes stomias_Pac
bathyagonus nigripinnis_Pac
bathymaster signatus_Pac
bathyraja aleutica_Pac
bathyraja maculata_Pac
berryteuthis magister_Pac
boltenia ovifera_Pac
boreogadus saida_Pac
bothrocara brunneum_Pac
buccinum angulosum_Pac
buccinum plectrum_Pac
buccinum polare_Pac
buccinum scalariforme_Pac
careproctus melanurus_Pac
careproctus rastrinus_Pac
chauliodus macouni_Pac
chionoecetes opilio_Pac
chionoecetes tanneri_Pac
chlamys rubida_Pac
clinocardium ciliatum_Pac
Mean latitude (°N)
2020
2040
2060
2080
2100


NWFSC_WCAnn
clinopegma magnum_Pac
clupea pallasii_Pac
coryphaenoides acrolepis_Pac
crangon dalli_Pac
crossaster borealis_Pac
ctenodiscus crispatus_Pac
cucumaria fallax_Pac
cyanea capillata_Pac
dipsacaster borealis_Pac
dipsacaster eximius_Pac
dromalia alexandri_Pac
elassochirus cavimanus_Pac
eleginus gracilis_Pac
erimacrus isenbeckii_Pac
eumicrotremus orbis_Pac
eunoe depressa_Pac
eunoe nodosa_Pac
euspira pallida_Pac
evasterias echinosoma_Pac
flustra serrulata_Pac
fusitriton oregonensis_Pac
gadus macrocephalus_Pac
genyonemus lineatus_Pac
gersemia rubiformis_Pac
glyptocephalus zachirus_Pac
gymnocanthus galeatus_Pac
gymnocanthus pistilliger_Pac
halocynthia aurantium_Pac
hemilepidotus jordani_Pac
hemilepidotus papilio_Pac
hemitripterus bolini_Pac
hexagrammos stelleri_Pac
hippasteria californica_Pac
hippoglossus stenolepis_Pac
hyas coarctatus_Pac
hydrolagus colliei_Pac
Mean latitude (°N)
2020
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2060
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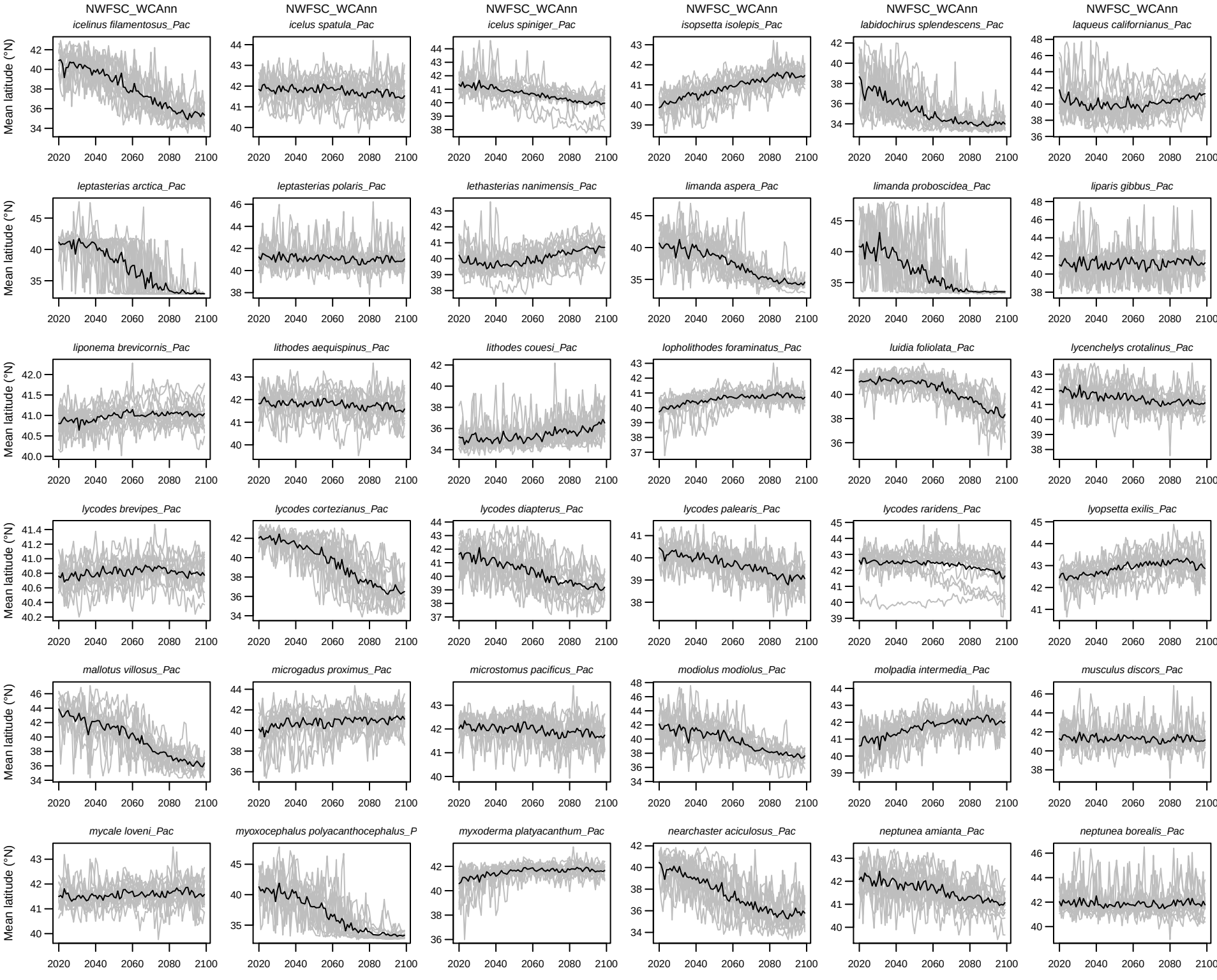
2100


NWFSC_WCAnn
icelinus filamentosus_Pac
icelus spatula_Pac
icelus spiniger_Pac
isopsetta isolepis_Pac
labidochirus splendescens_Pac
laqueus californianus_Pac
leptasterias arctica_Pac
leptasterias polaris_Pac
lethasterias nanimensis_Pac
limanda aspera_Pac
limanda proboscidea_Pac
liparis gibbus_Pac
liponema brevicornis_Pac
lithodes aequispinus_Pac
lithodes couesi_Pac
lopholithodes foraminatus_Pac
luidia foliolata_Pac
lycenchelys crotalinus_Pac
lycodes brevipes_Pac
lycodes cortezianus_Pac
lycodes diapterus_Pac
lycodes palearis_Pac
lycodes raridens_Pac
lyopsetta exilis_Pac
mallotus villosus_Pac
microgadus proximus_Pac
microstomus pacificus_Pac
modiolus modiolus_Pac
molpadia intermedia_Pac
musculus discors_Pac
mycale loveni_Pac
myoxocephalus polyacanthocephalus_P
myxoderma platyacanthum_Pac
nearchaster aciculosus_Pac
neptunea amianta_Pac
neptunea borealis_Pac
Mean latitude (°N)
2020
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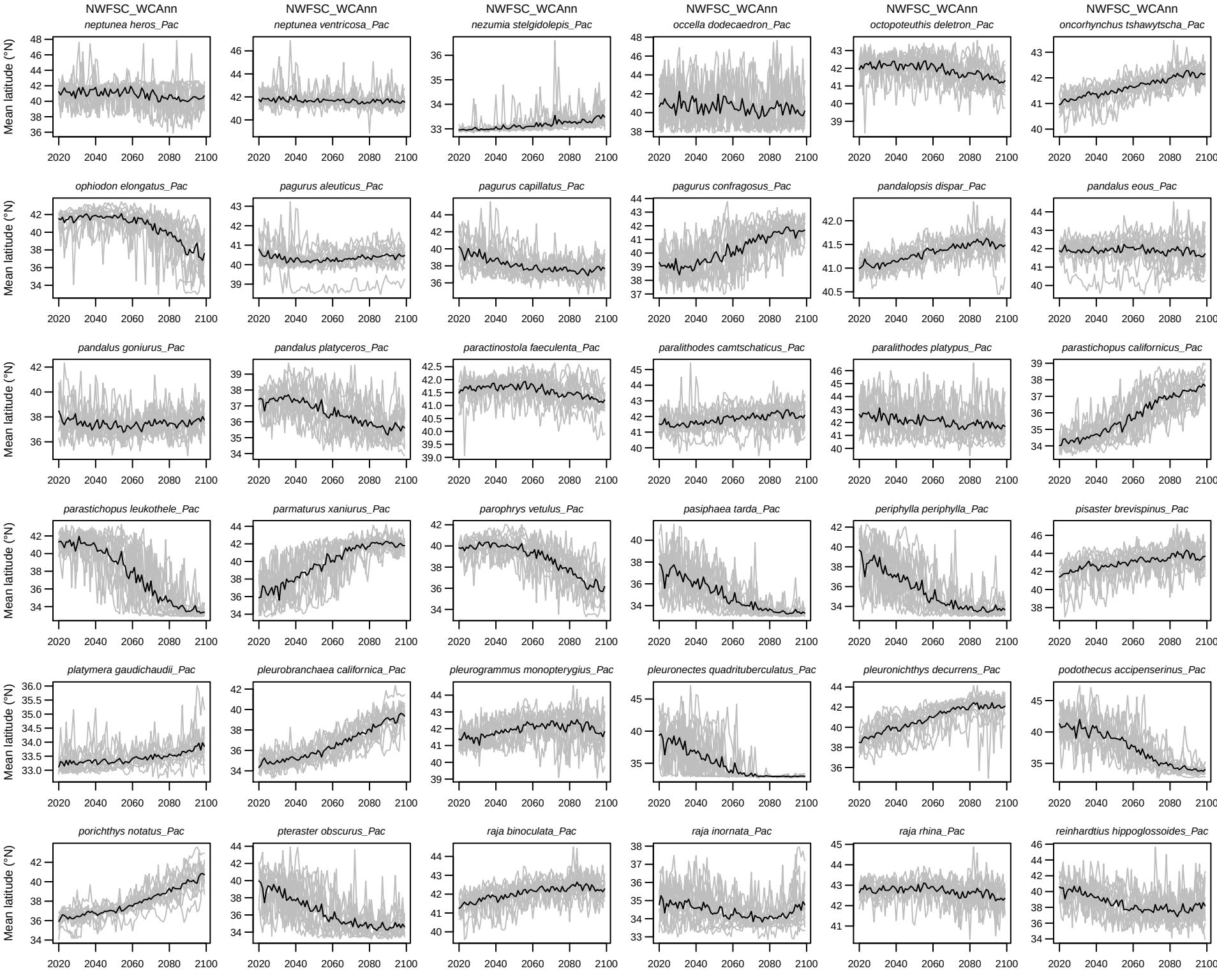
NWFSC_WCAnn
neptunea heros_Pac
neptunea ventricosa_Pac
nezumia stelgidolepis_Pac
occella dodecaedron_Pac
octopoteuthis deletron_Pac
oncorhynchus tshawytscha_Pac
ophiodon elongatus_Pac
pagurus aleuticus_Pac
pagurus capillatus_Pac
pagurus confragosus_Pac
pandalopsis dispar_Pac
pandalus eous_Pac
pandalus goniurus_Pac
pandalus platyceros_Pac
paractinostola faeculenta_Pac
paralithodes camtschaticus_Pac
paralithodes platypus_Pac
parastichopus californicus_Pac
parastichopus leukothele_Pac
parmaturus xaniurus_Pac
parophrys vetulus_Pac
pasiphaea tarda_Pac
periphylla periphylla_Pac
pisaster brevispinus_Pac
platymera gaudichaudii_Pac
pleurobranchaea californica_Pac
pleurogrammus monopterygius_Pac
pleuronectes quadrituberculatus_Pac
pleuronichthys decurrens_Pac
podothecus accipenserinus_Pac
porichthys notatus_Pac
pteraster obscurus_Pac
raja binoculata_Pac
raja inornata_Pac
raja rhina_Pac
reinhardtius hippoglossoides_Pac
Mean latitude (°N)
2020
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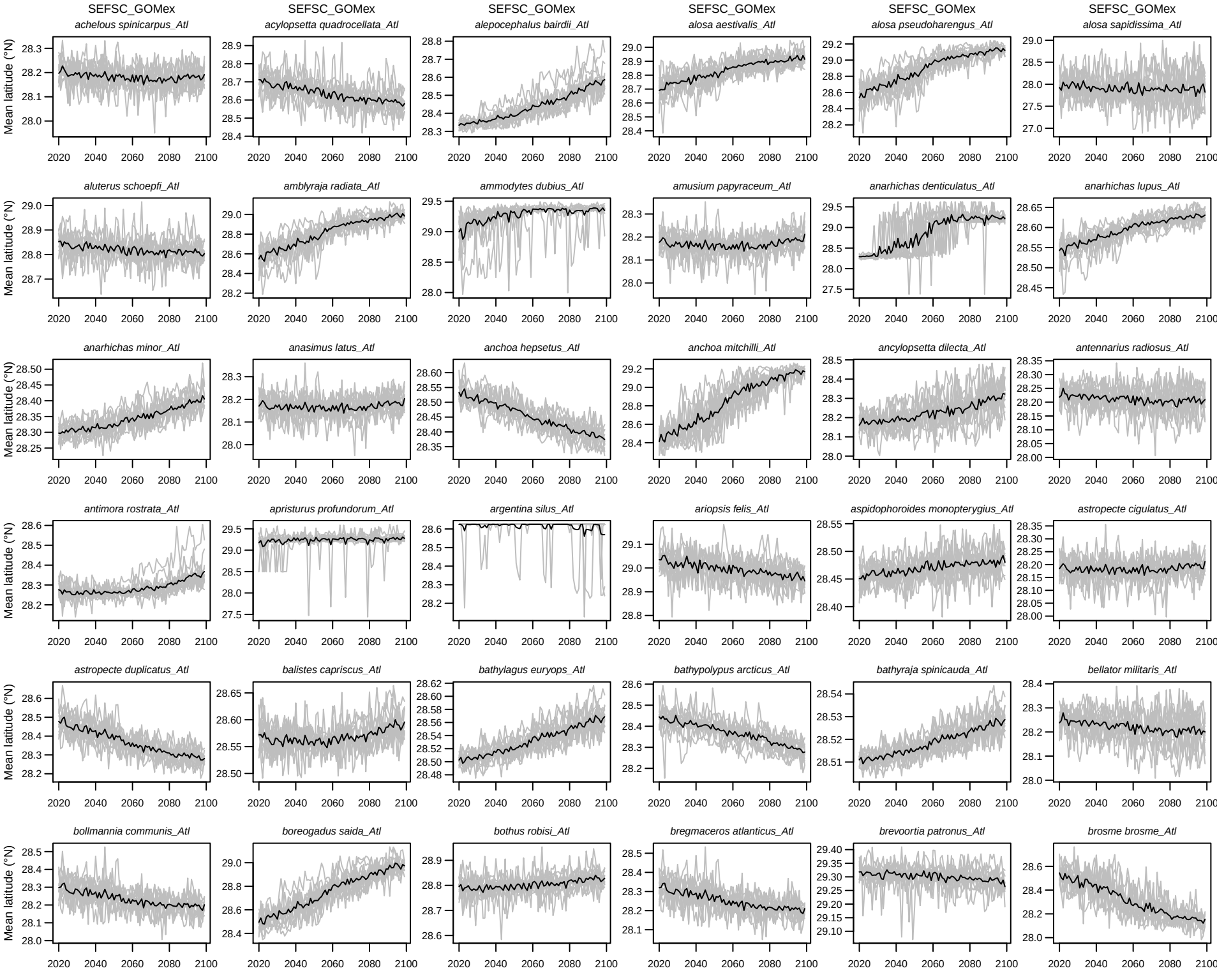
SEFSC_GOMex
achelous spinicarpus_Atl
acylopsetta quadrocellata_Atl
alepocephalus bairdii_Atl
alosa aestivalis_Atl
alosa pseudoharengus_Atl
alosa sapidissima_Atl
aluterus schoepfi_Atl
amblyraja radiata_Atl
ammodytes dubius_Atl
amusium papyraceum_Atl
anarhichas denticulatus_Atl
anarhichas lupus_Atl
anarhichas minor_Atl
anasimus latus_Atl
anchoa hepsetus_Atl
anchoa mitchilli_Atl
ancylopsetta dilecta_Atl
antennarius radiosus_Atl
antimora rostrata_Atl
apristurus profundorum_Atl
argentina silus_Atl
ariopsis felis_Atl
aspidophoroides monopterygius_Atl
astropecte cigulatus_Atl
astropecte duplicatus_Atl
balistes capriscus_Atl
bathylagus euryops_Atl
bathypolypus arcticus_Atl
bathyraja spinicauda_Atl
bellator militaris_Atl
bollmannia communis_Atl
boreogadus saida_Atl
bothus robisi_Atl
bregmaceros atlanticus_Atl
brevoortia patronus_Atl
brosme brosme_Atl
Mean latitude (°N)
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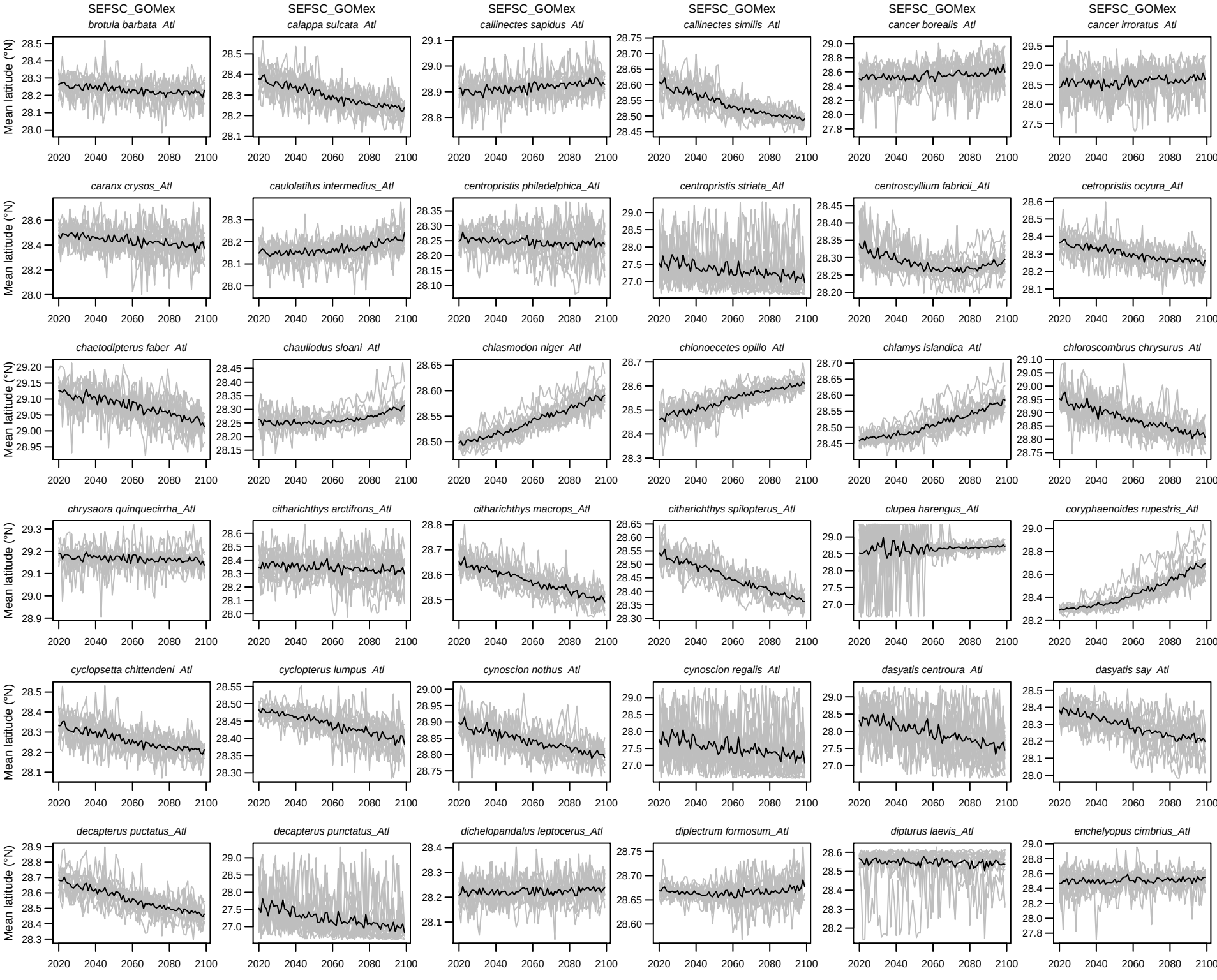
SEFSC_GOMex
brotula barbata_Atl
calappa sulcata_Atl
callinectes sapidus_Atl
callinectes similis_Atl
cancer borealis_Atl
cancer irroratus_Atl
caranx crysos_Atl
caulolatilus intermedius_Atl
centropristis philadelphica_Atl
centropristis striata_Atl
centroscyllium fabricii_Atl
cetropristis ocyura_Atl
chaetodipterus faber_Atl
chauliodus sloani_Atl
chiasmodon niger_Atl
chionoecetes opilio_Atl
chlamys islandica_Atl
chloroscombrus chrysurus_Atl
chrysaora quinquecirrha_Atl
citharichthys arctifrons_Atl
citharichthys macrops_Atl
citharichthys spilopterus_Atl
clupea harengus_Atl
coryphaenoides rupestris_Atl
cyclopsetta chittendeni_Atl
cyclopterus lumpus_Atl
cynoscion nothus_Atl
cynoscion regalis_Atl
dasyatis centroura_Atl
dasyatis say_Atl
decapterus puctatus_Atl
decapterus punctatus_Atl
dichelopandalus leptocerus_Atl
diplectrum formosum_Atl
dipturus laevis_Atl
enchelyopus cimbrius_Atl
Mean latitude (°N)
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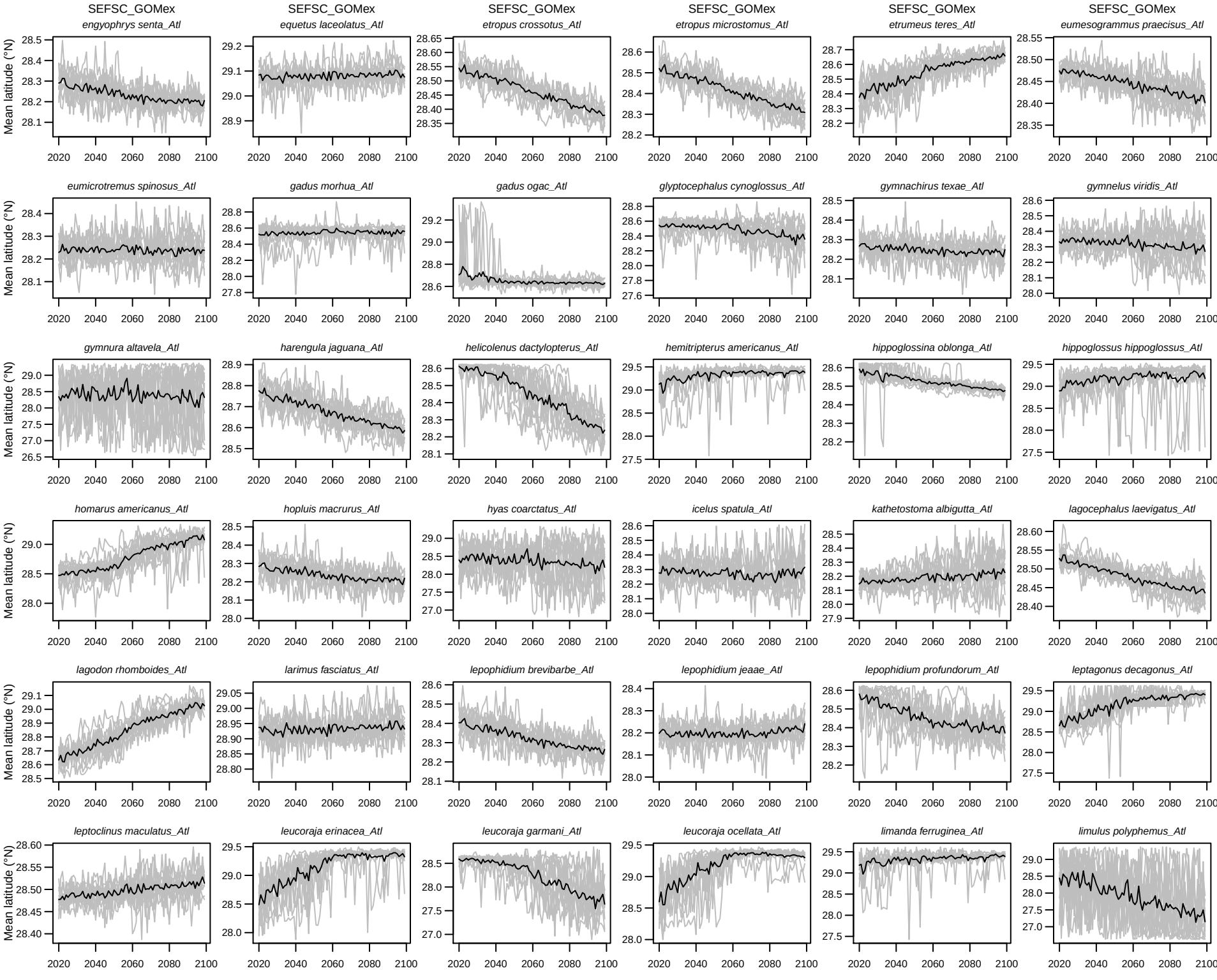
SEFSC_GOMex
engyophrys senta_Atl
equetus laceolatus_Atl
etropus crossotus_Atl
etropus microstomus_Atl
etrumeus teres_Atl
eumesogrammus praecisus_Atl
eumicrotremus spinosus_Atl
gadus morhua_Atl
gadus ogac_Atl
glyptocephalus cynoglossus_Atl
gymnachirus texae_Atl
gymnelus viridis_Atl
gymnura altavela_Atl
harengula jaguana_Atl
helicolenus dactylopterus_Atl
hemitripterus americanus_Atl
hippoglossina oblonga_Atl
hippoglossus hippoglossus_Atl
homarus americanus_Atl
hopluis macrurus_Atl
hyas coarctatus_Atl
icelus spatula_Atl
kathetostoma albigutta_Atl
lagocephalus laevigatus_Atl
lagodon rhomboides_Atl
larimus fasciatus_Atl
lepophidium brevibarbe_Atl
lepophidium jeaae_Atl
lepophidium profundorum_Atl
leptagonus decagonus_Atl
leptoclinus maculatus_Atl
leucoraja erinacea_Atl
leucoraja garmani_Atl
leucoraja ocellata_Atl
limanda ferruginea_Atl
limulus polyphemus_Atl
Mean latitude (°N)
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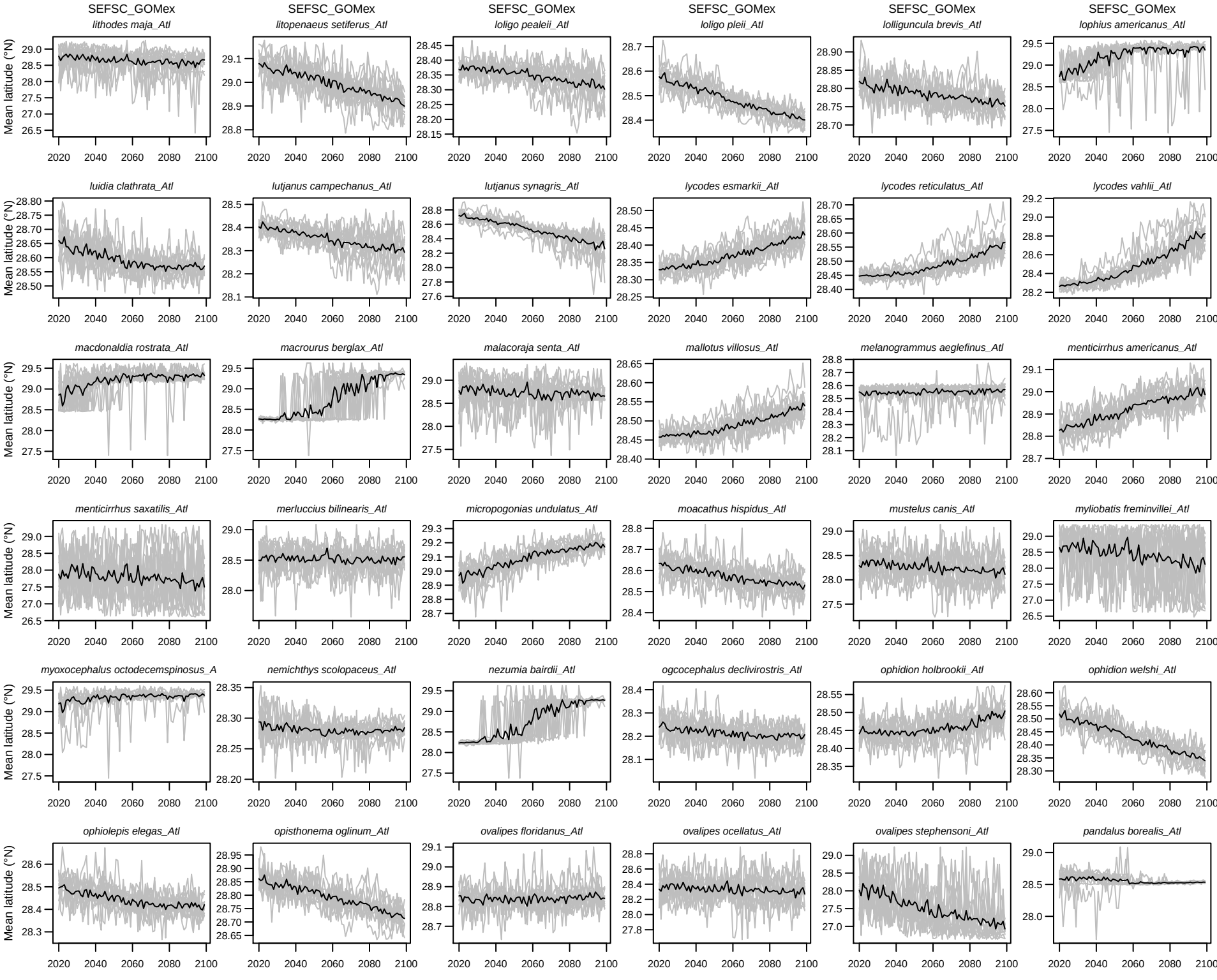
SEFSC_GOMex
lithodes maja_Atl
litopenaeus setiferus_Atl
loligo pealeii_Atl
loligo pleii_Atl
lolliguncula brevis_Atl
lophius americanus_Atl
luidia clathrata_Atl
lutjanus campechanus_Atl
lutjanus synagris_Atl
lycodes esmarkii_Atl
lycodes reticulatus_Atl
lycodes vahlii_Atl
macdonaldia rostrata_Atl
macrourus berglax_Atl
malacoraja senta_Atl
mallotus villosus_Atl
melanogrammus aeglefinus_Atl
menticirrhus americanus_Atl
menticirrhus saxatilis_Atl
merluccius bilinearis_Atl
micropogonias undulatus_Atl
moacathus hispidus_Atl
mustelus canis_Atl
myliobatis freminvillei_Atl
myoxocephalus octodecemspinosus_A
nemichthys scolopaceus_Atl
nezumia bairdii_Atl
ogcocephalus declivirostris_Atl
ophidion holbrookii_Atl
ophidion welshi_Atl
ophiolepis elegas_Atl
opisthonema oglinum_Atl
ovalipes floridanus_Atl
ovalipes ocellatus_Atl
ovalipes stephensoni_Atl
pandalus borealis_Atl
Mean latitude (°N)
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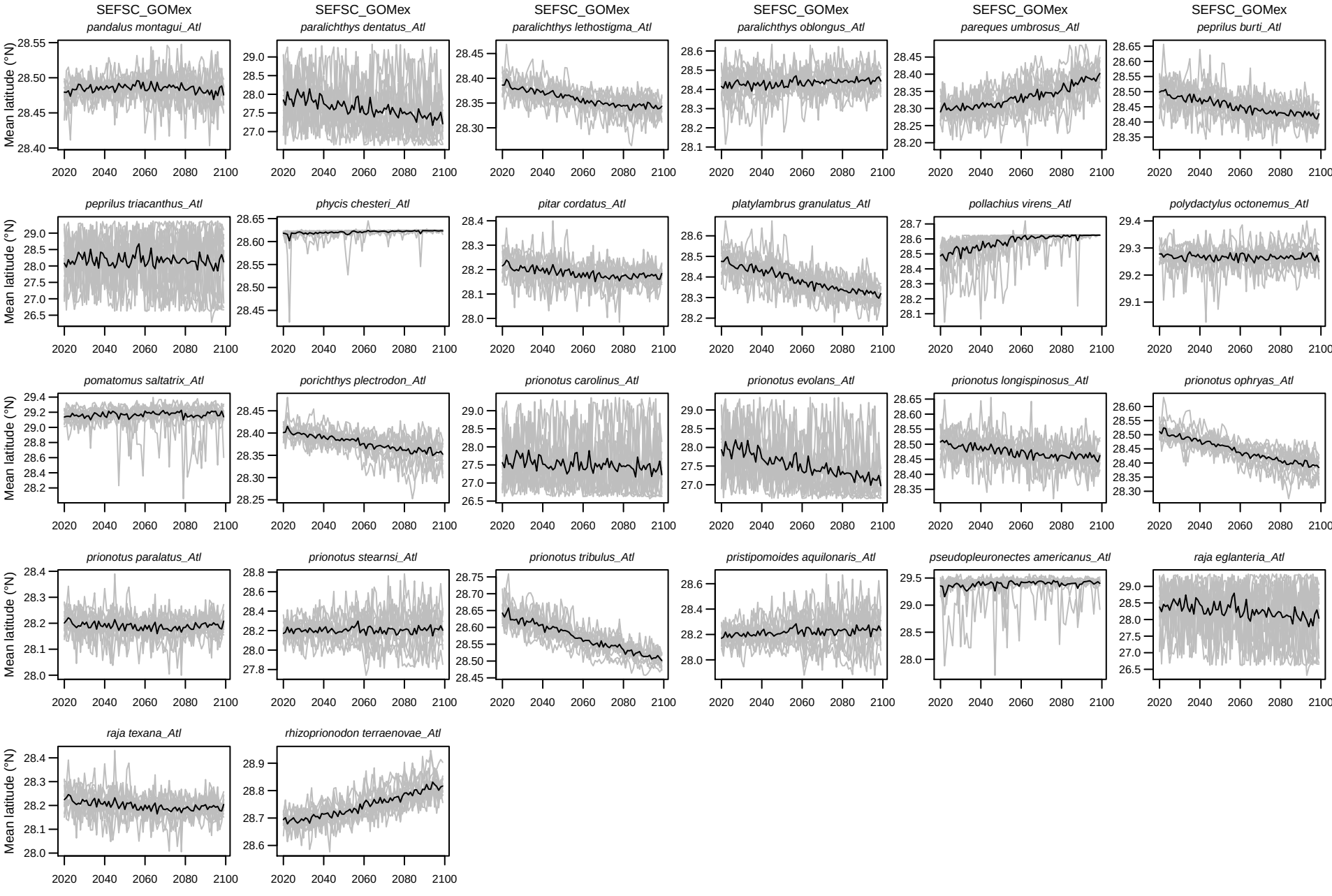
SEFSC_GOMex
pandalus montagui_Atl
paralichthys dentatus_Atl
paralichthys lethostigma_Atl
paralichthys oblongus_Atl
pareques umbrosus_Atl
peprilus burti_Atl
peprilus triacanthus_Atl
phycis chesteri_Atl
pitar cordatus_Atl
platylambrus granulatus_Atl
pollachius virens_Atl
polydactylus octonemus_Atl
pomatomus saltatrix_Atl
porichthys plectrodon_Atl
prionotus carolinus_Atl
prionotus evolans_Atl
prionotus longispinosus_Atl
prionotus ophryas_Atl
prionotus paralatus_Atl
prionotus stearnsi_Atl
prionotus tribulus_Atl
pristipomoides aquilonaris_Atl
pseudopleuronectes americanus_Atl
raja eglanteria_Atl
raja texana_Atl
rhizoprionodon terraenovae_Atl
Mean latitude (°N)
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