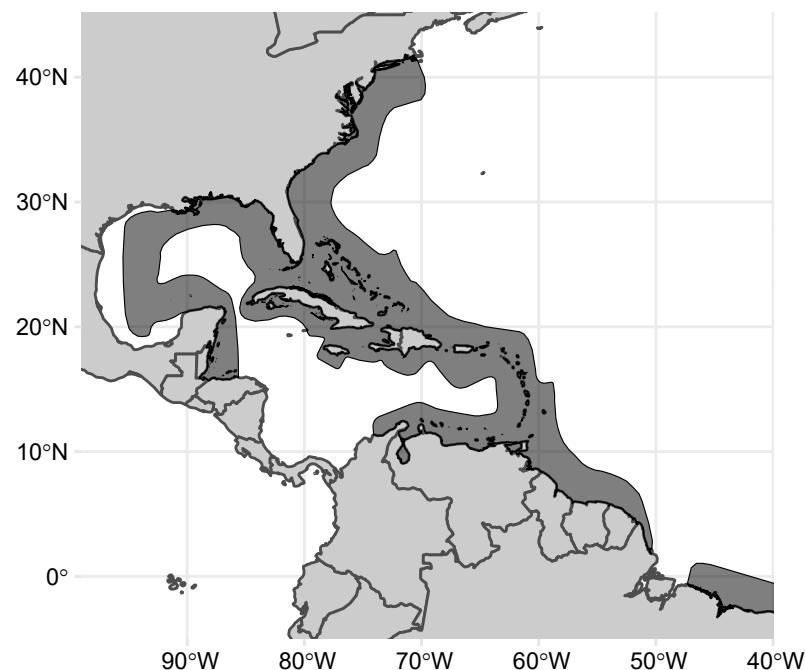
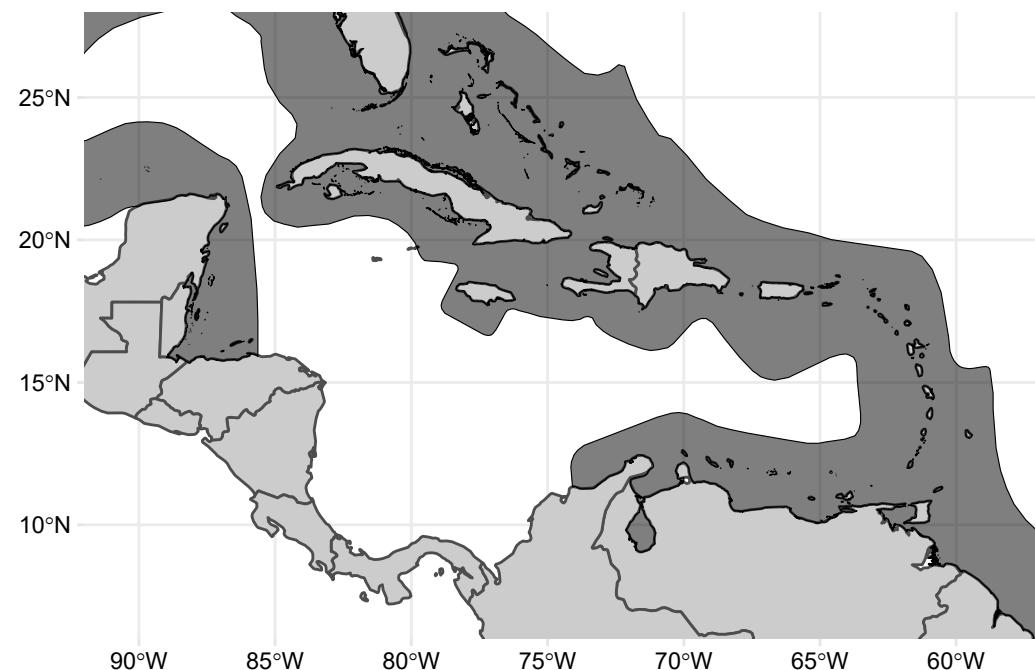


A

King Mackerel

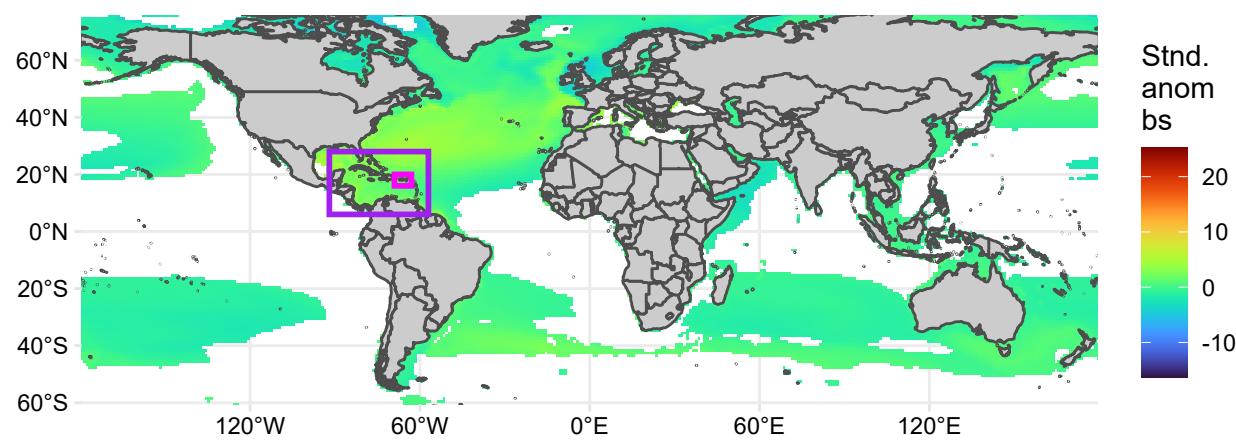


B

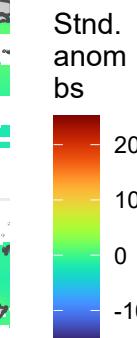


C

Global: bs

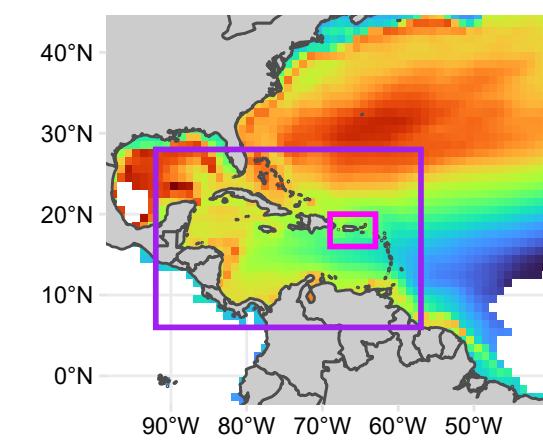


Stnd.
anom
bs

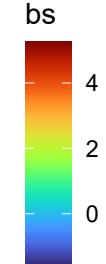


D

W. Atlantic: bs

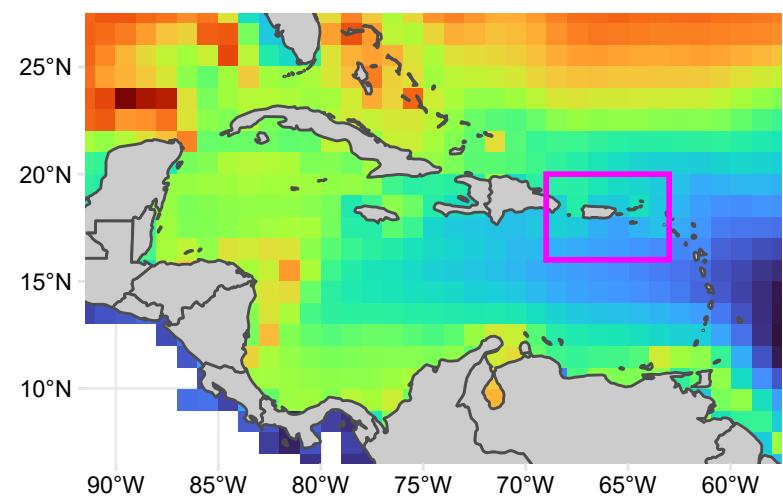


Stnd.
anom
bs

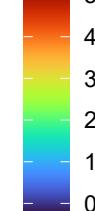


E

Caribbean Sea: bs

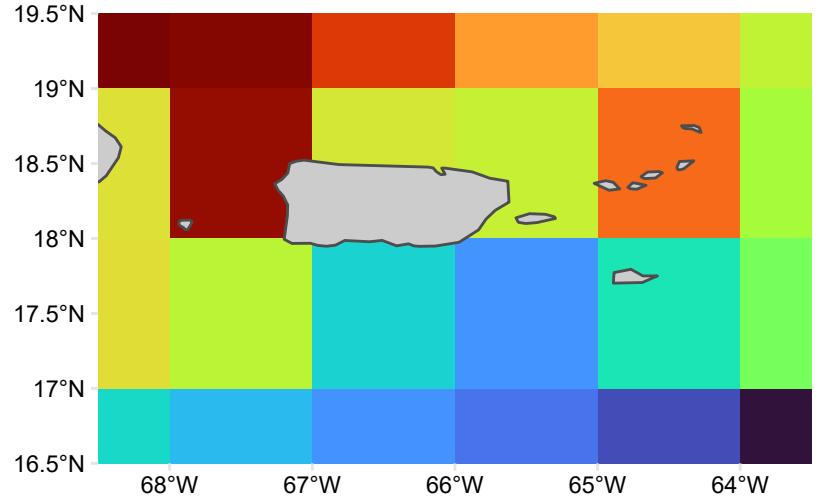


Stnd.
anom
bs

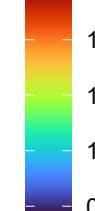


F

U.S. Caribbean: bs

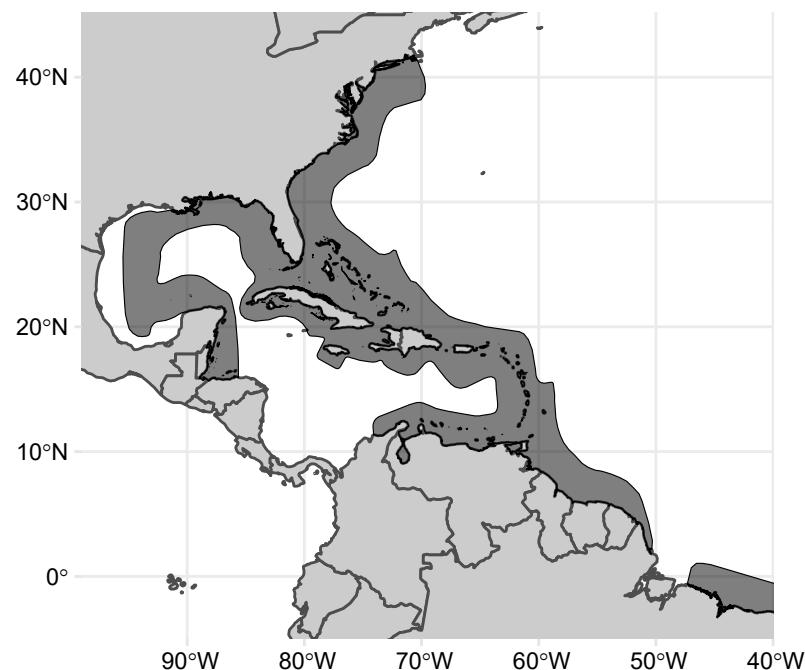


Stnd.
anom
bs

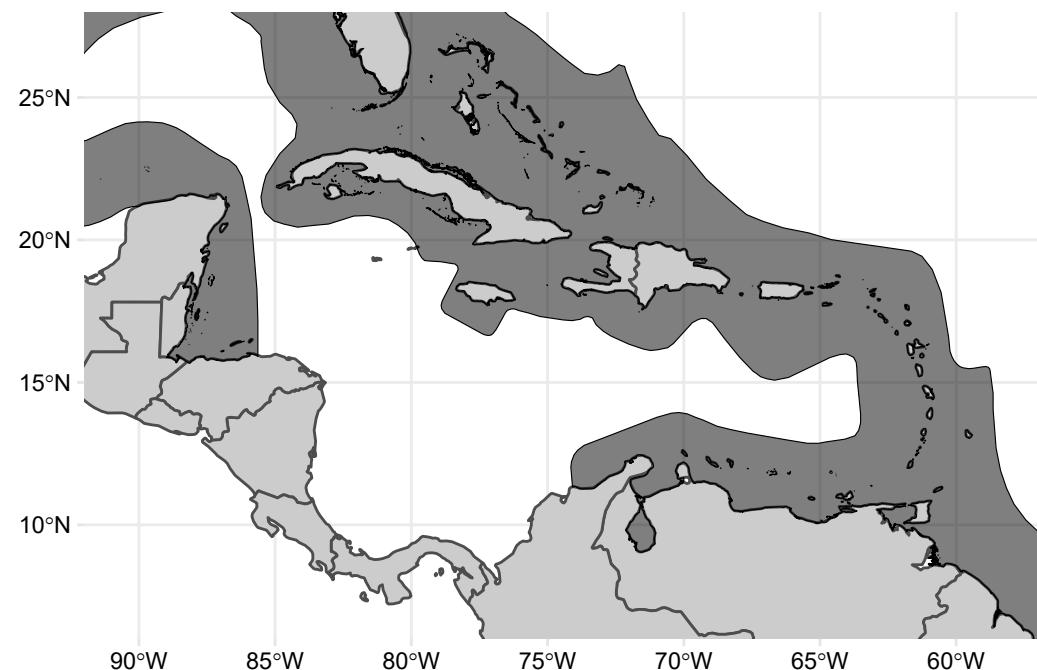


A

King Mackerel

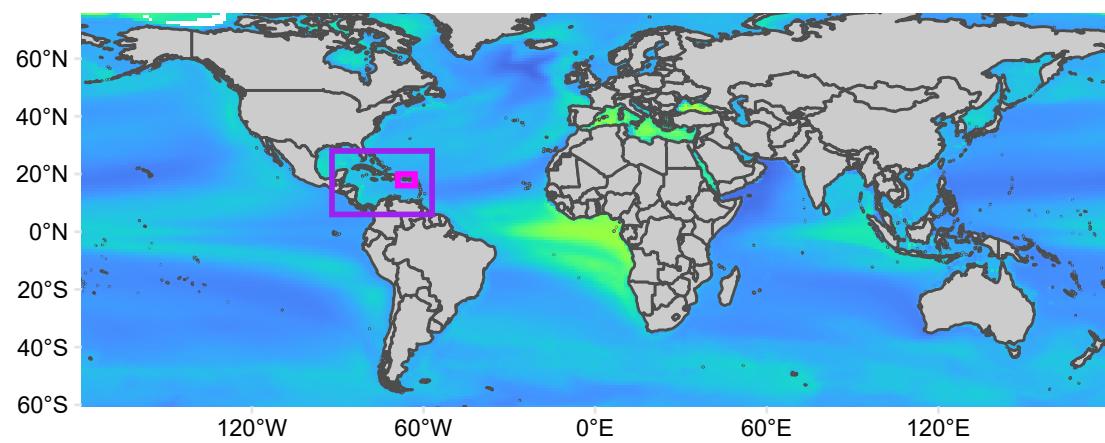


B



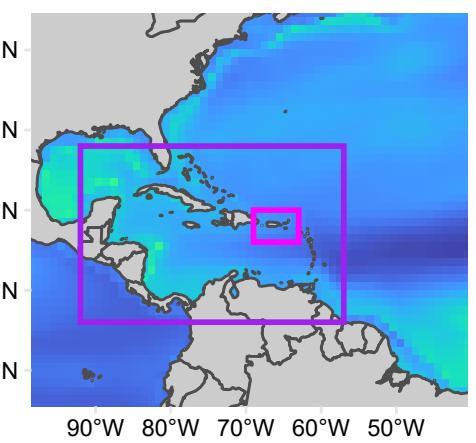
C

Global: bt



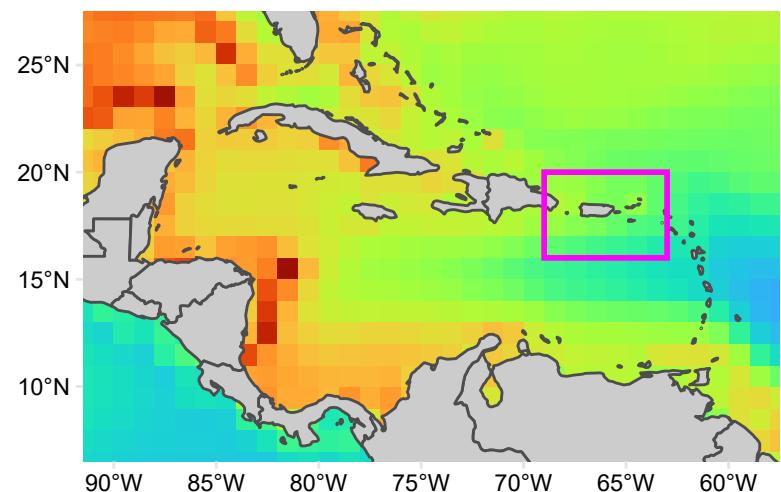
D

W. Atlantic: bt



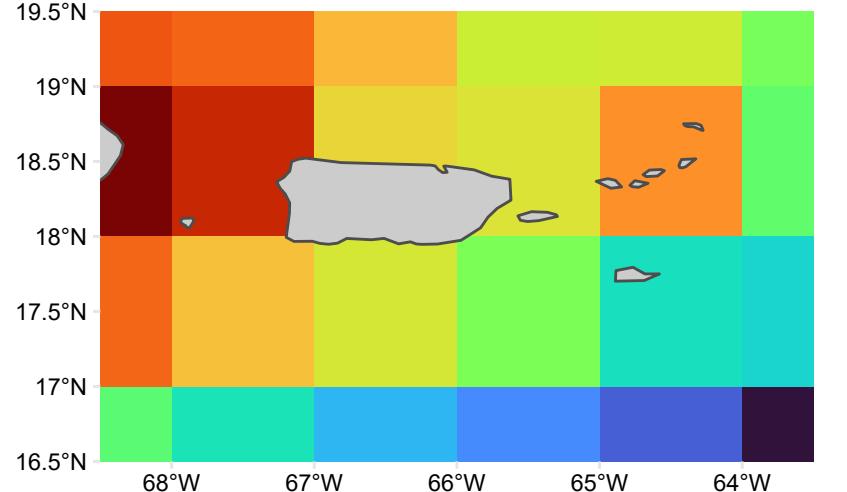
E

Caribbean Sea: bt



F

U.S. Caribbean: bt



Stnd.
anom
bt

0 5 10 15 20

Stnd.
anom
bt

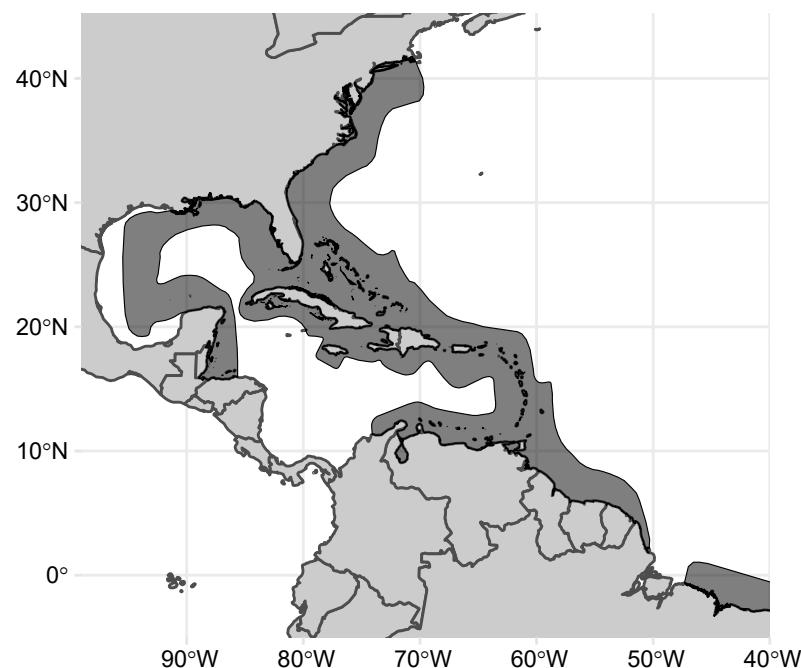
0 5 10 15

Stnd.
anom
bt

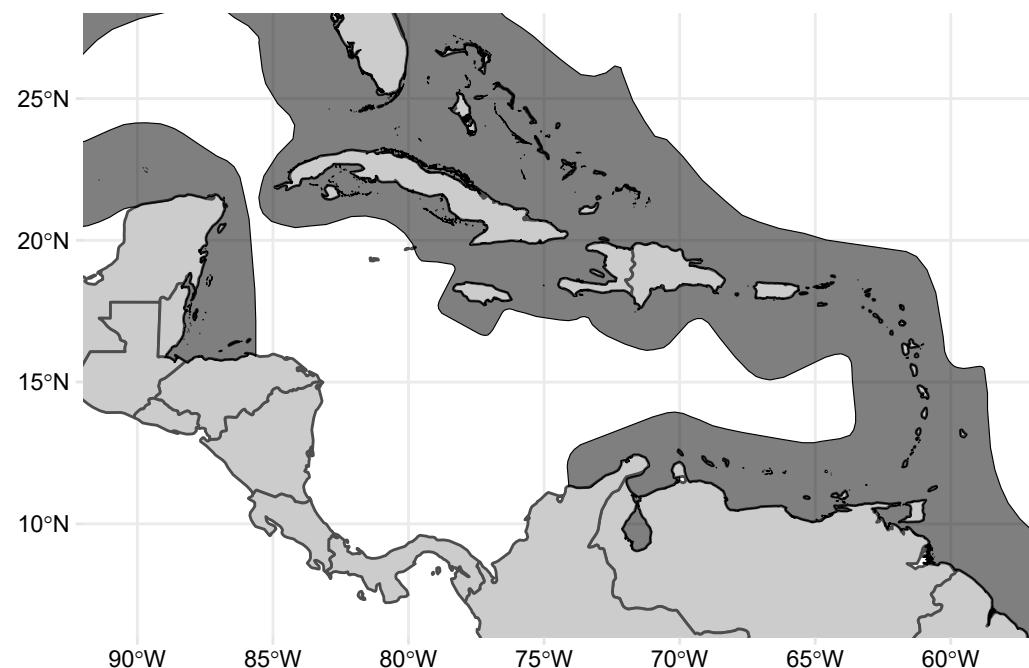
1.50 1.75 2.00 2.25 2.50

A

King Mackerel

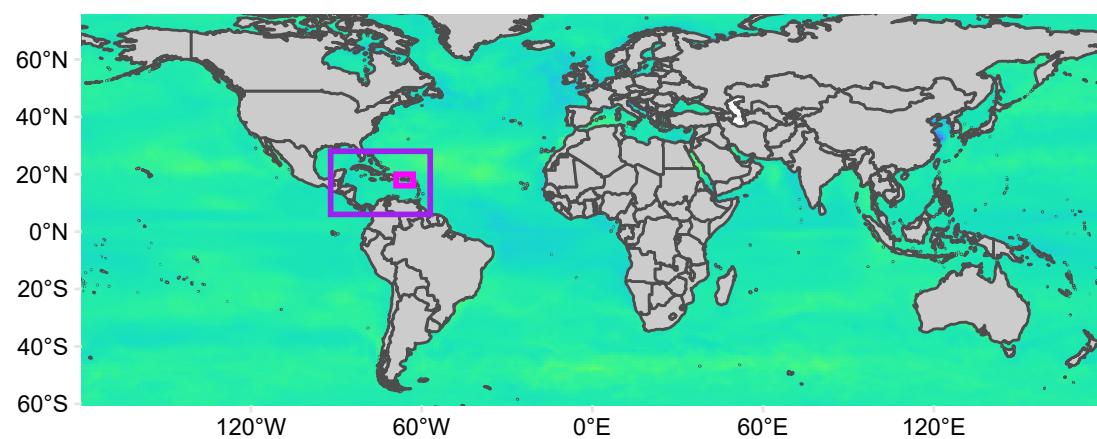


B



C

Global: chl

D

W. Atlantic: chl

Map D is a zoomed-in view of the Western Atlantic region from 0°N to 40°N and 90°W to 50°W, corresponding to the purple box in Map C. It shows chlorophyll-a concentration anomalies with a color scale from -2 (dark blue) to 2 (dark red). A pink rectangular box highlights the U.S. Caribbean region shown in Map F.

E

Caribbean Sea: chl

Map E shows chlorophyll-a concentration anomalies in the Caribbean Sea from 10°N to 25°N and 90°W to 60°W. A pink rectangular box highlights the U.S. Caribbean region shown in Map F. A color scale bar indicates Stnd. anom chl values from -2 to 2.

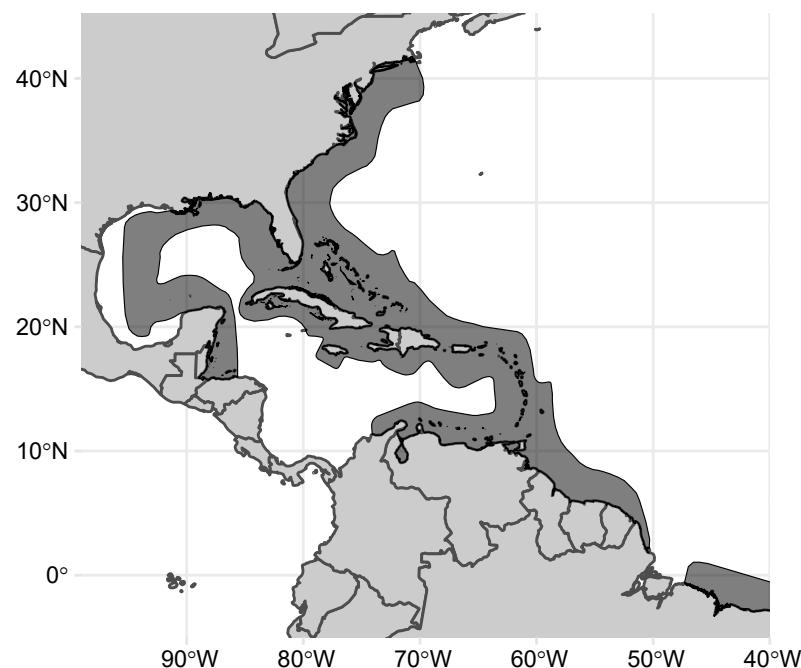
F

U.S. Caribbean: chl

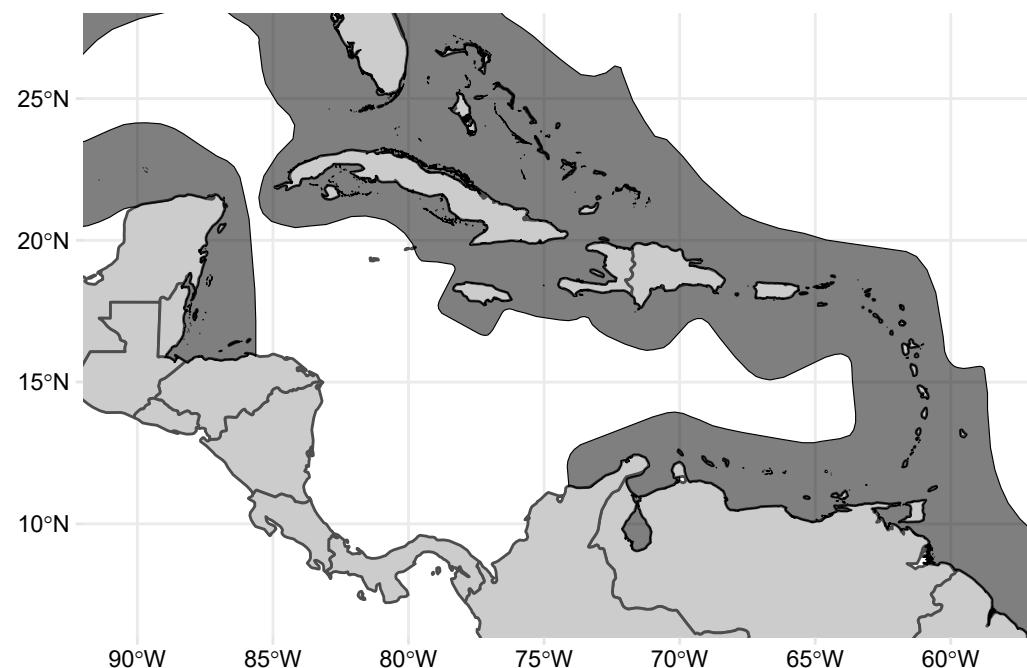
Map F is a highly detailed view of the U.S. Caribbean region from 16.5°N to 19.5°N and 68°W to 64°W, corresponding to the pink box in Map E. It shows chlorophyll-a concentration anomalies with a color scale from -0.25 (dark blue) to 0.50 (dark red). The map includes state boundaries for Puerto Rico and the U.S. Virgin Islands.

A

King Mackerel

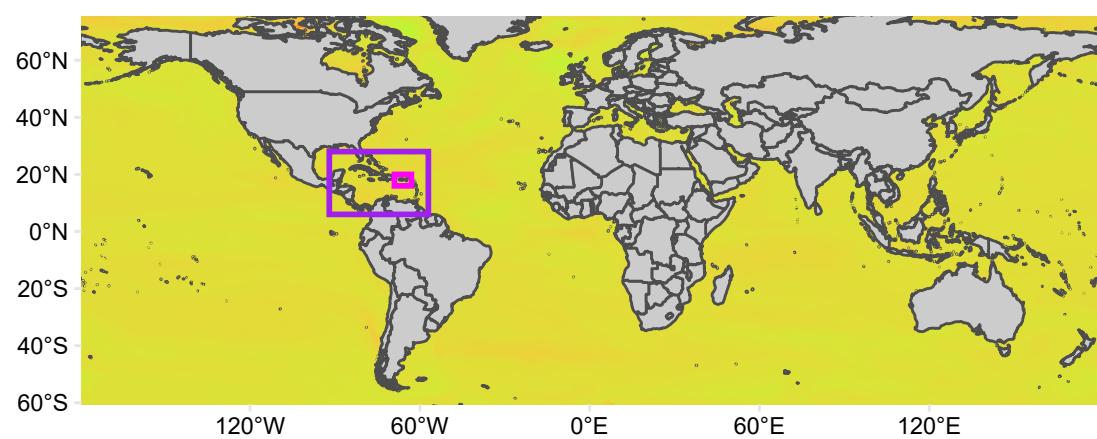


B



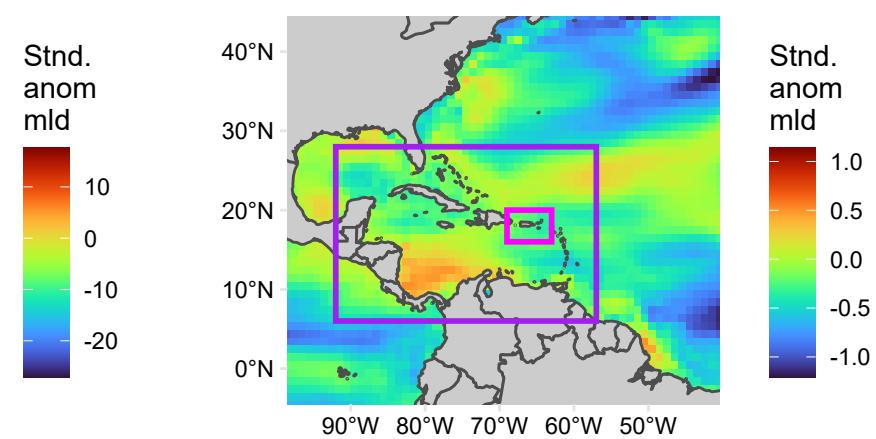
C

Global: mld



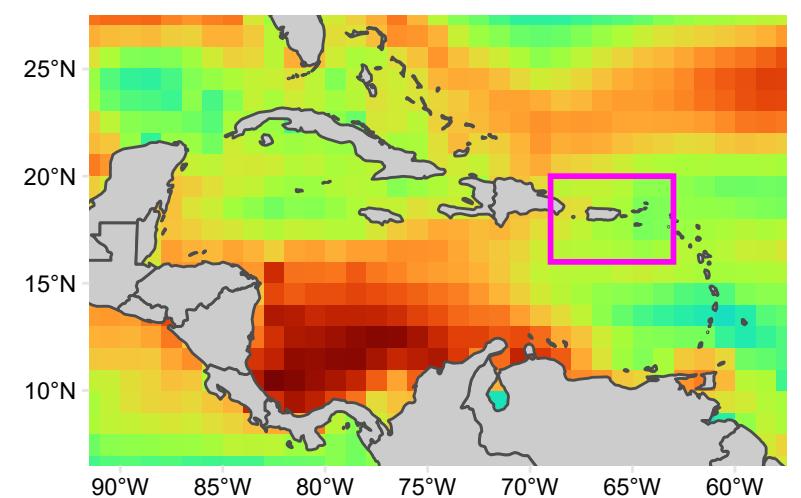
D

W. Atlantic: mld



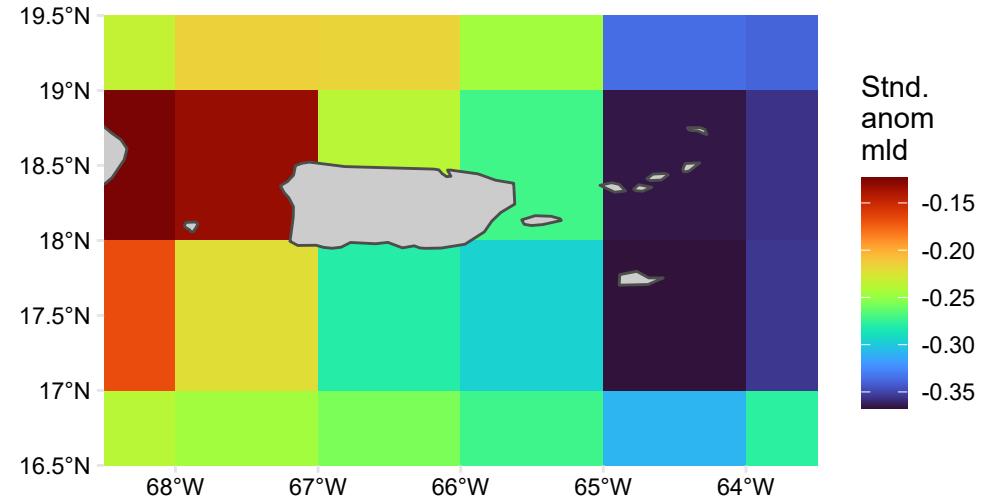
E

Caribbean Sea: mld



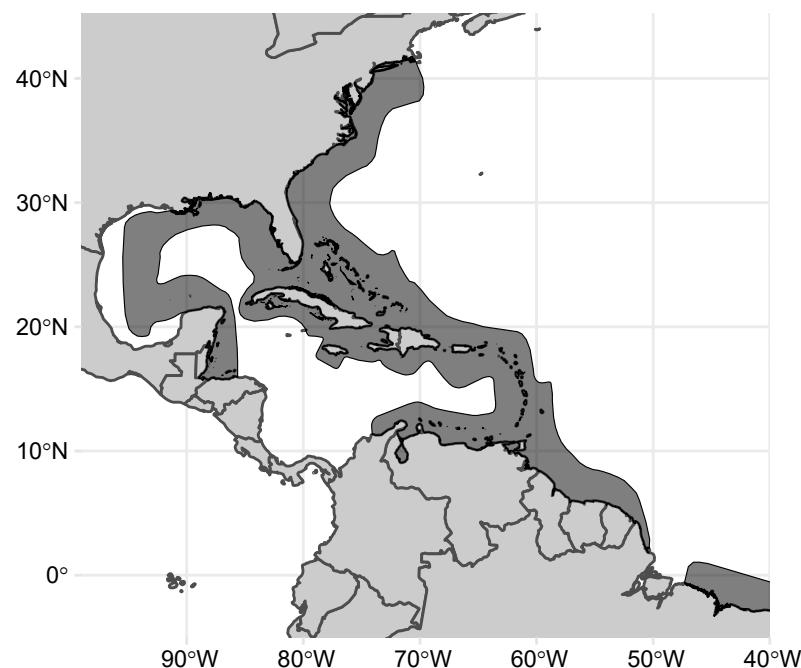
F

U.S. Caribbean: mld

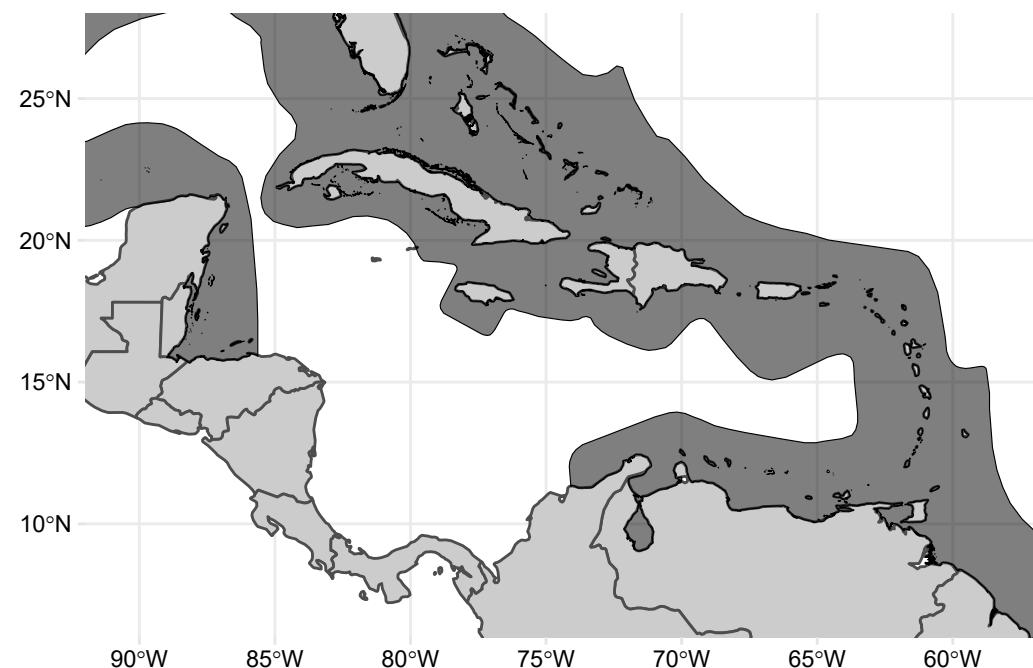


A

King Mackerel

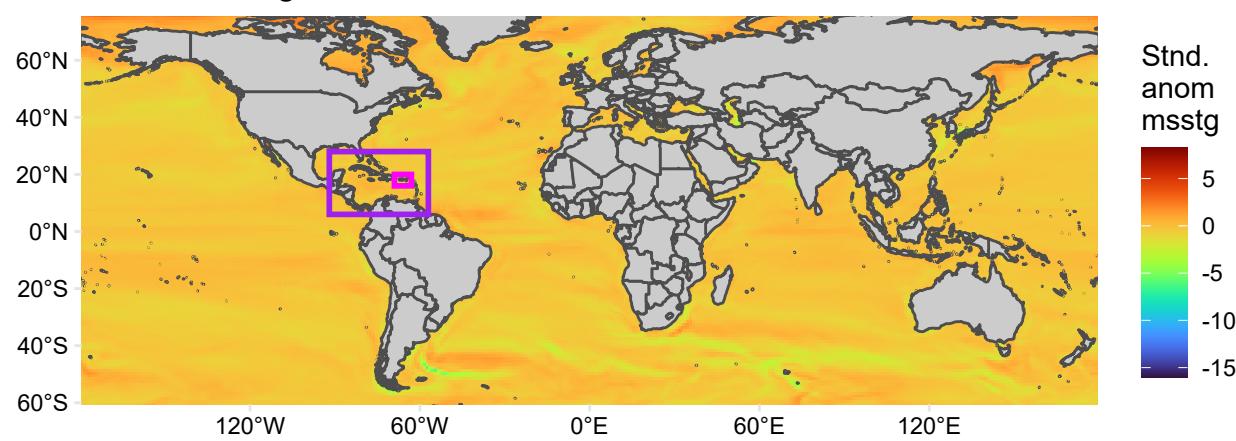


B



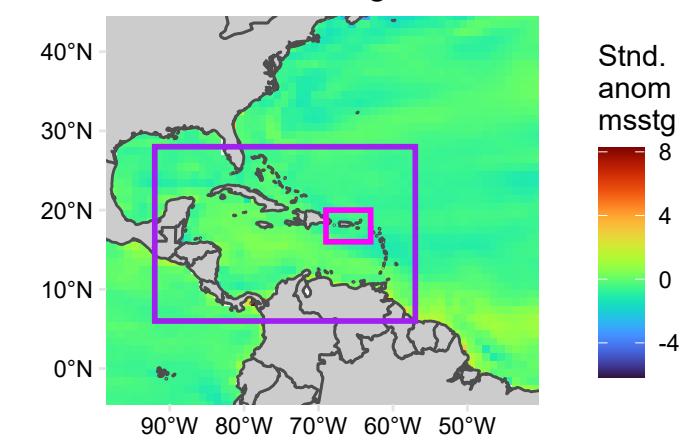
C

Global: msstg



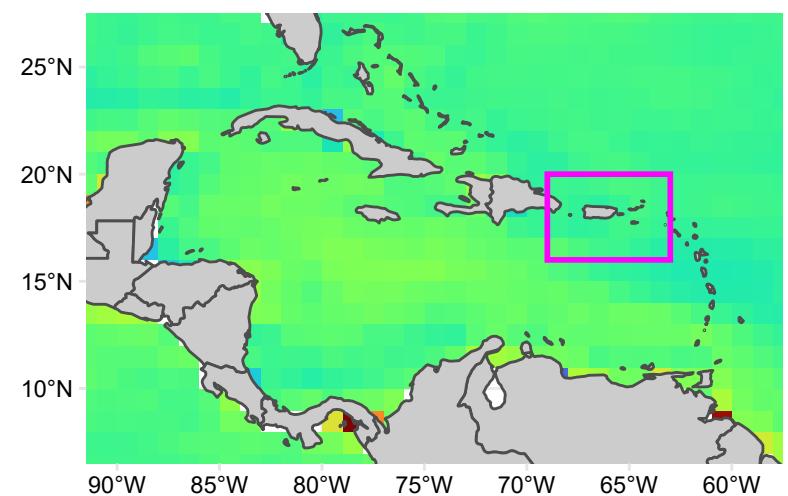
D

W. Atlantic: msstg



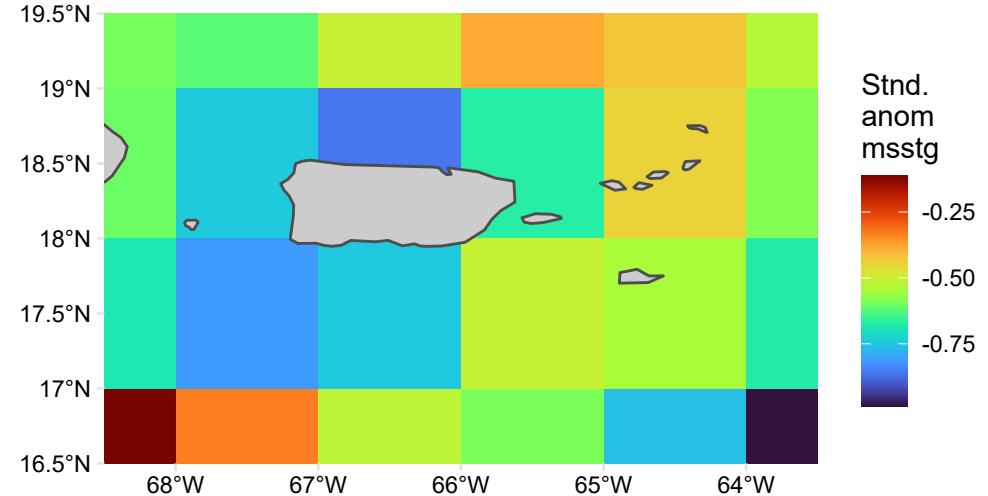
E

Caribbean Sea: msstg



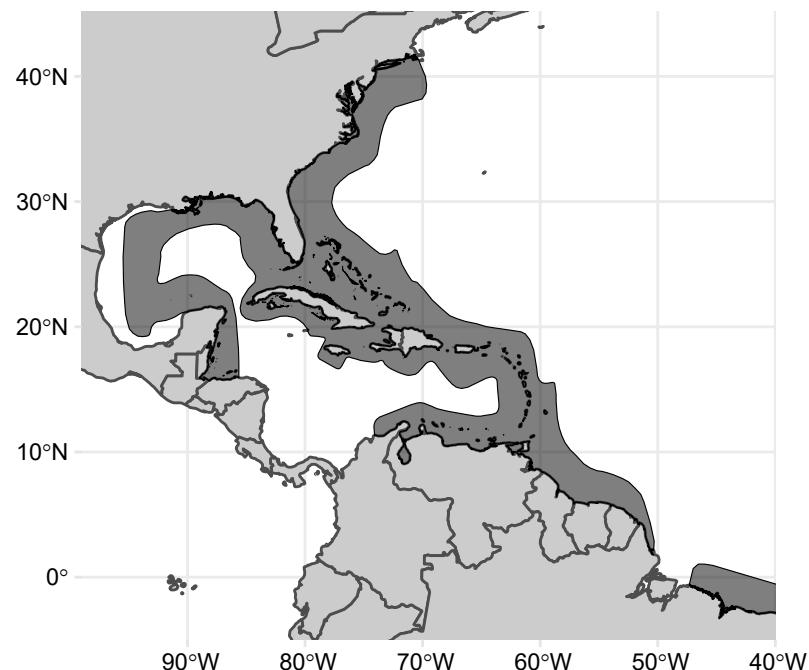
F

U.S. Caribbean: msstg

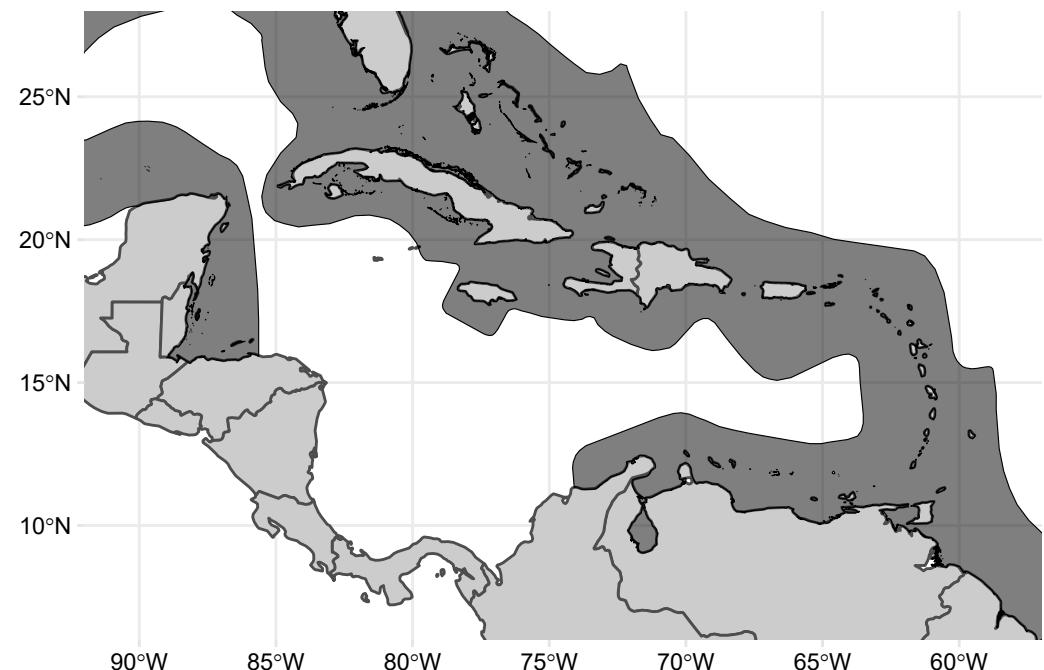


A

King Mackerel

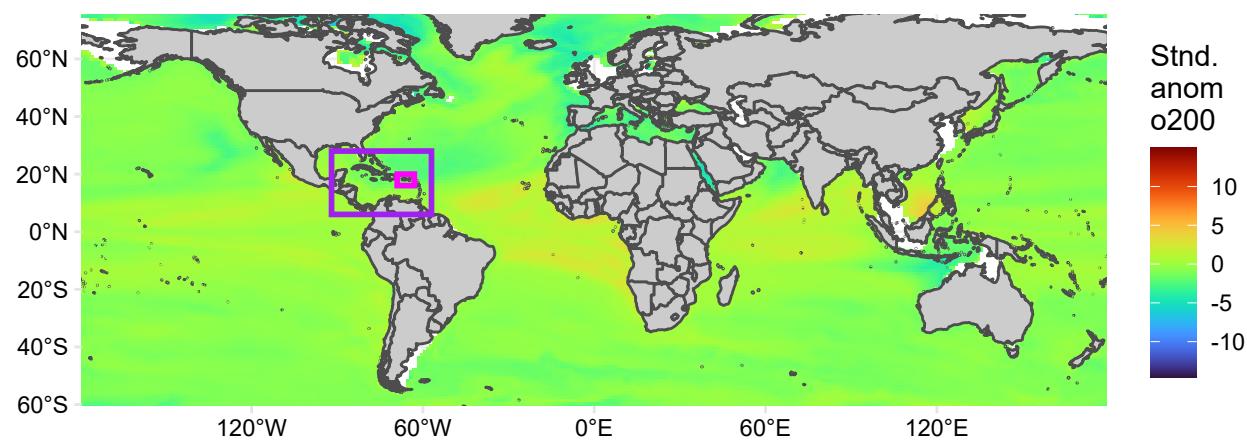


B



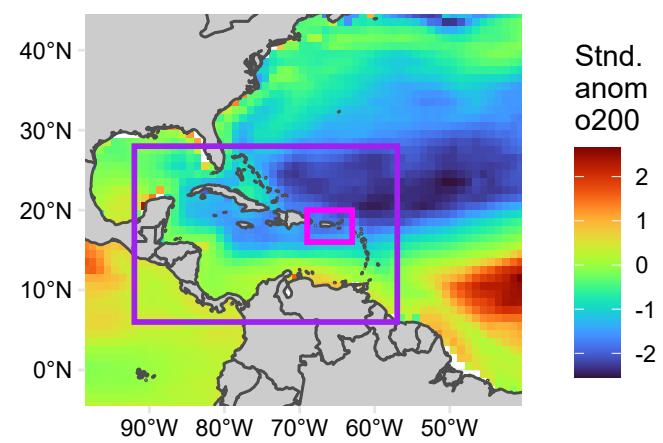
C

Global: o200



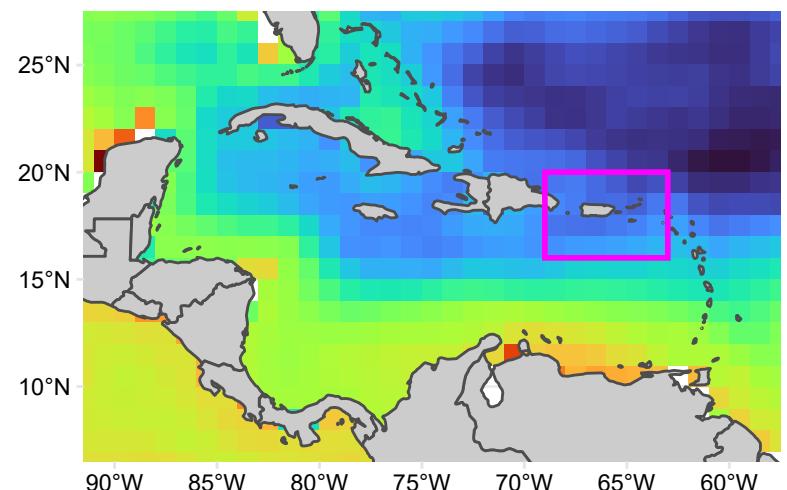
D

W. Atlantic: o200



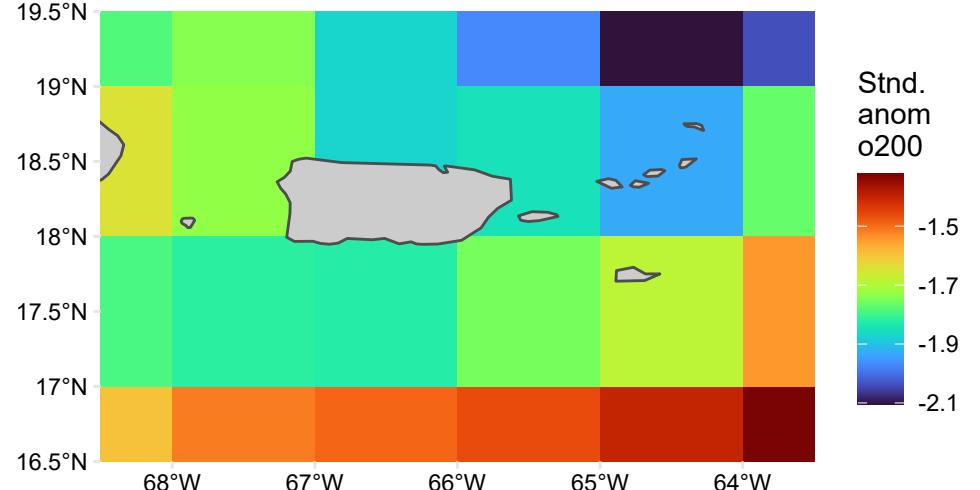
E

Caribbean Sea: o200



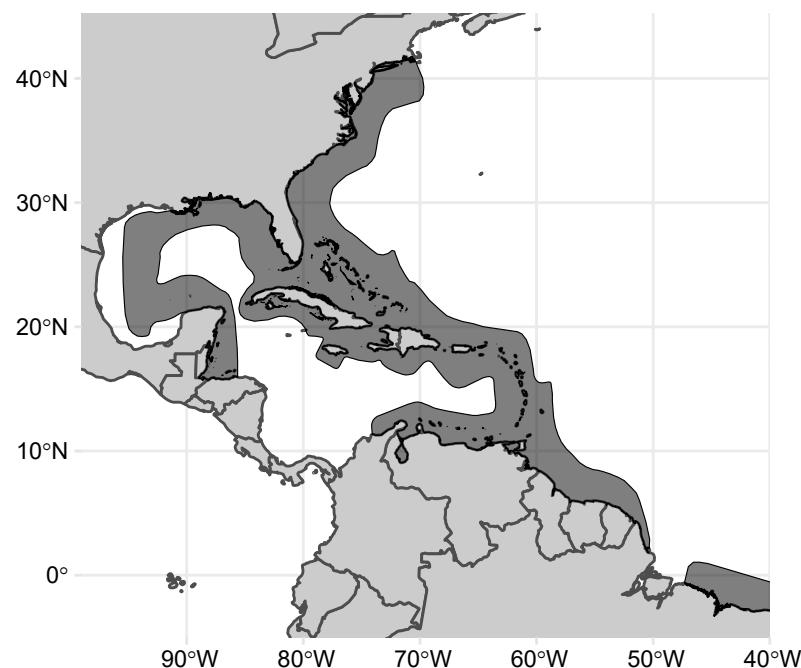
F

U.S. Caribbean: o200

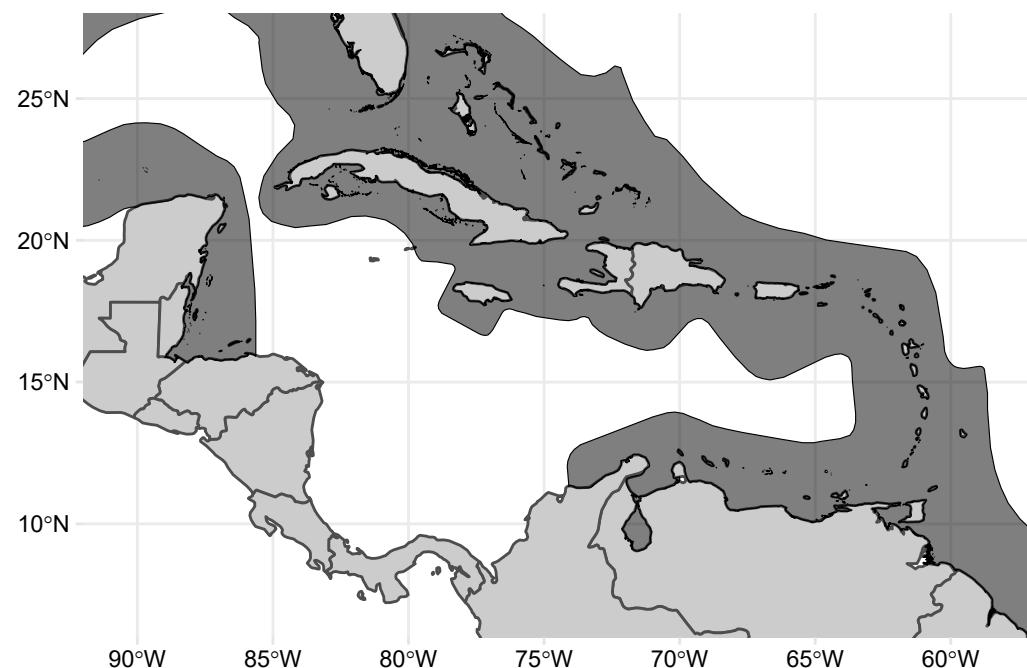


A

King Mackerel

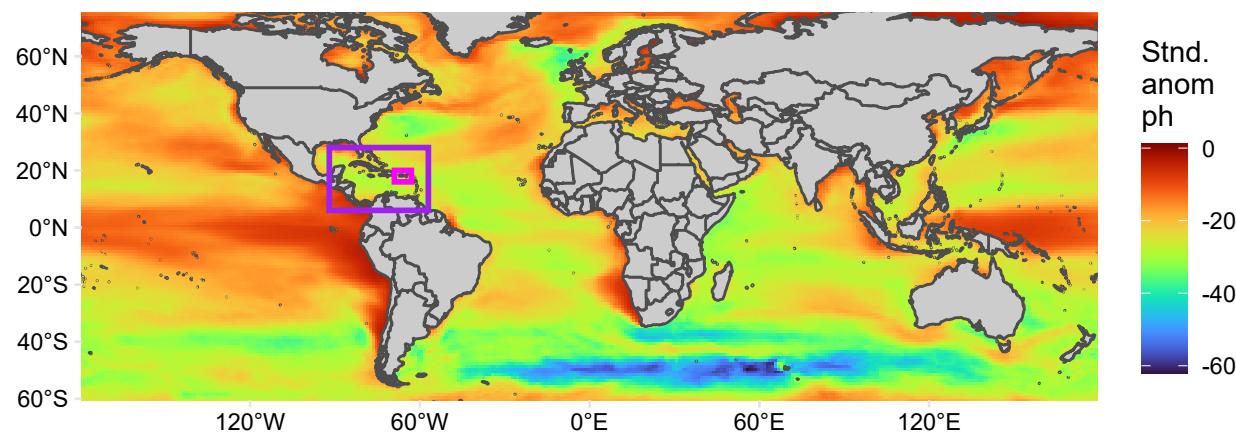


B



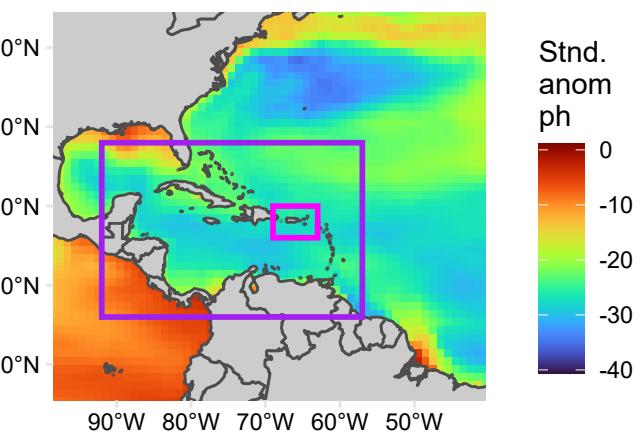
C

Global: ph



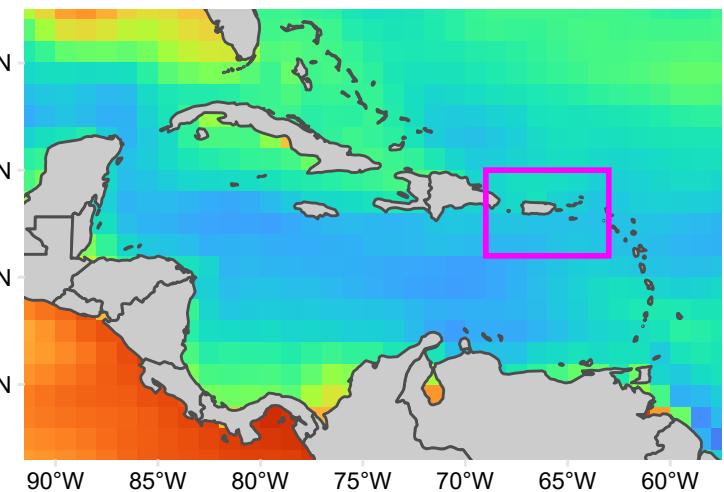
D

W. Atlantic: ph



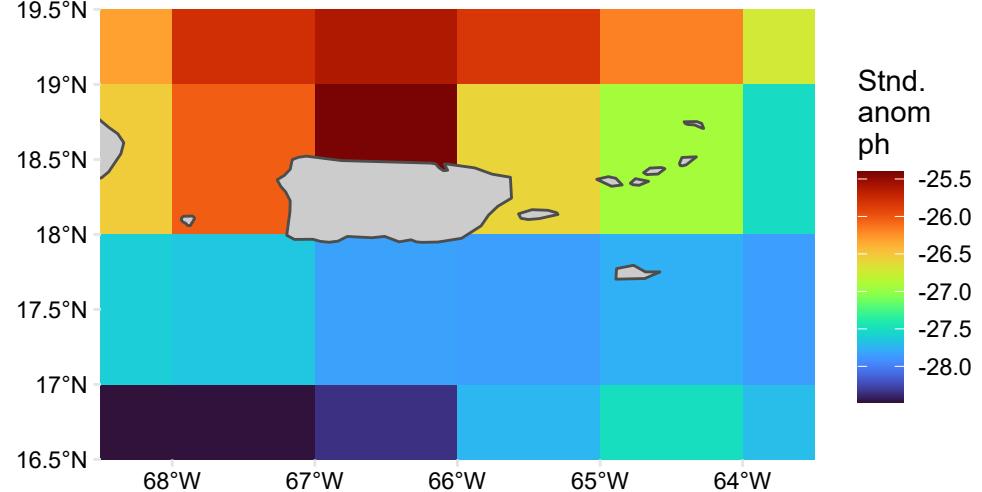
E

Caribbean Sea: ph



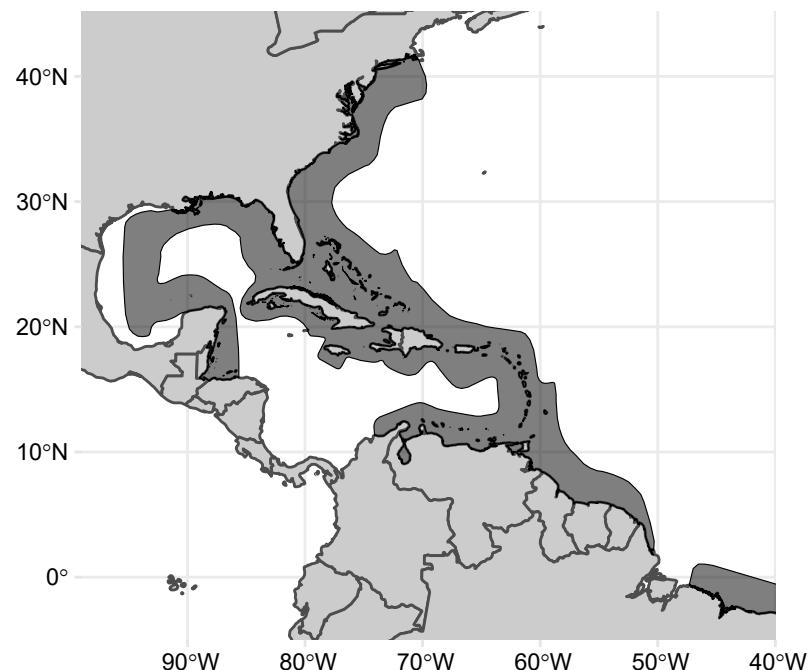
F

U.S. Caribbean: ph

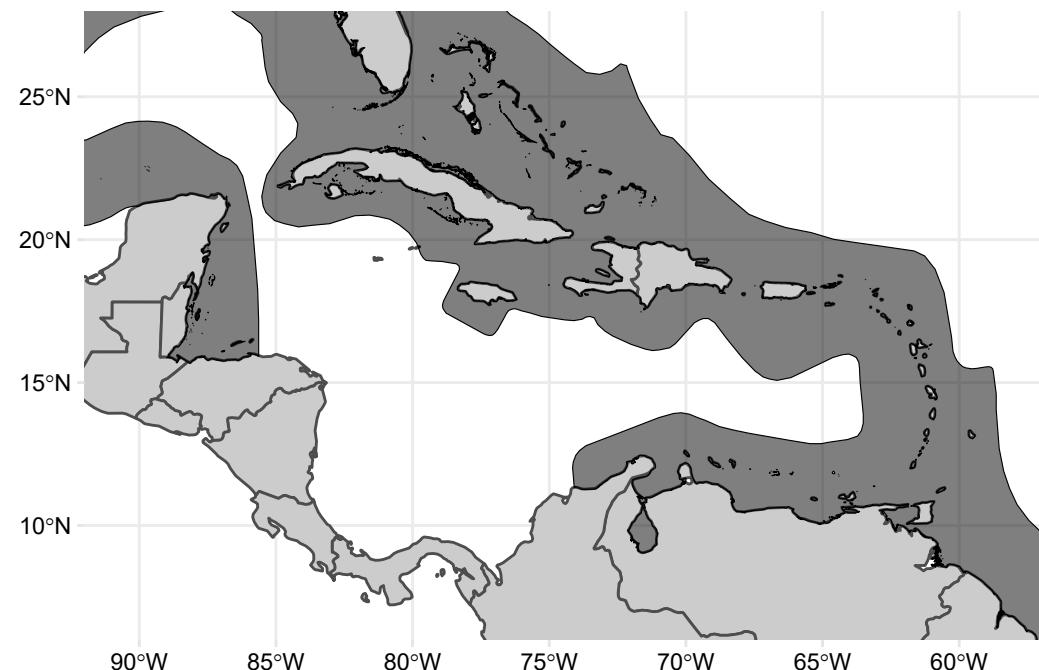


A

King Mackerel

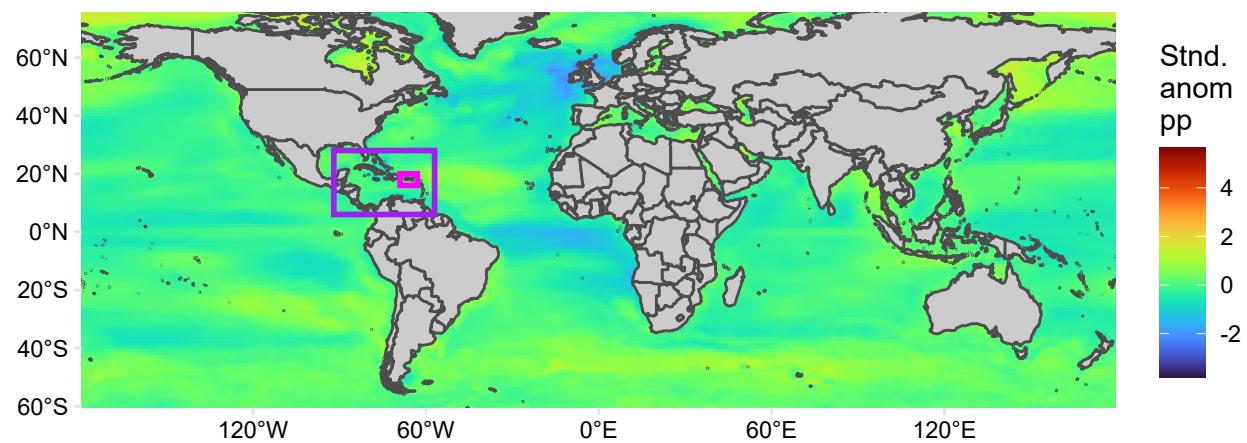


B



C

Global: pp

D

W. Atlantic: pp

Zoomed-in map of the Western Atlantic region (90°W to 50°W, 0°N to 40°N) showing precipitation anomalies (pp) in standard deviation units. The color scale ranges from -1 (dark blue) to 4 (dark red). A purple rectangular box indicates the area shown in Map E (Caribbean Sea).

E

Caribbean Sea: pp

Zoomed-in map of the Caribbean Sea region (90°W to 60°W, 10°N to 25°N) showing precipitation anomalies (pp) in standard deviation units. The color scale ranges from -1 (dark blue) to 2 (dark red). A purple rectangular box indicates the area shown in Map F (U.S. Caribbean).

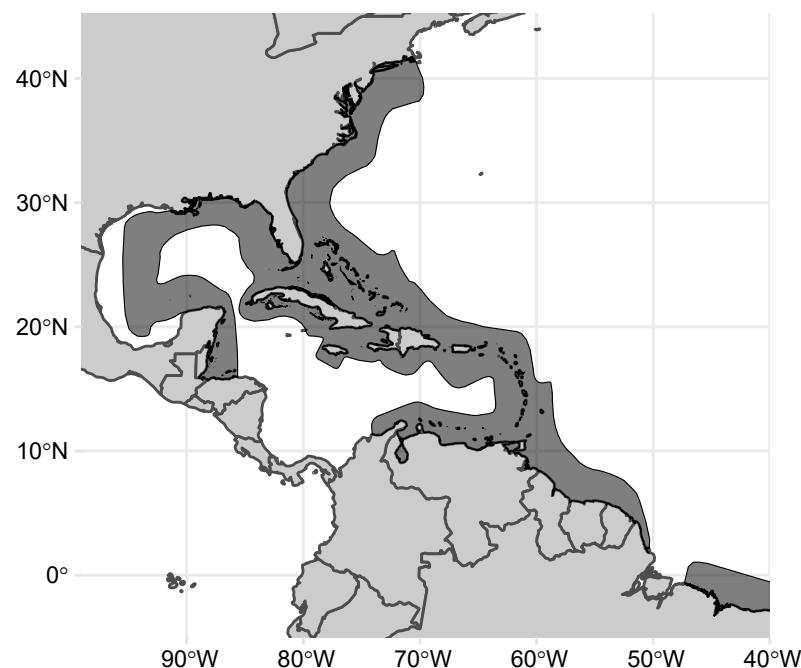
F

U.S. Caribbean: pp

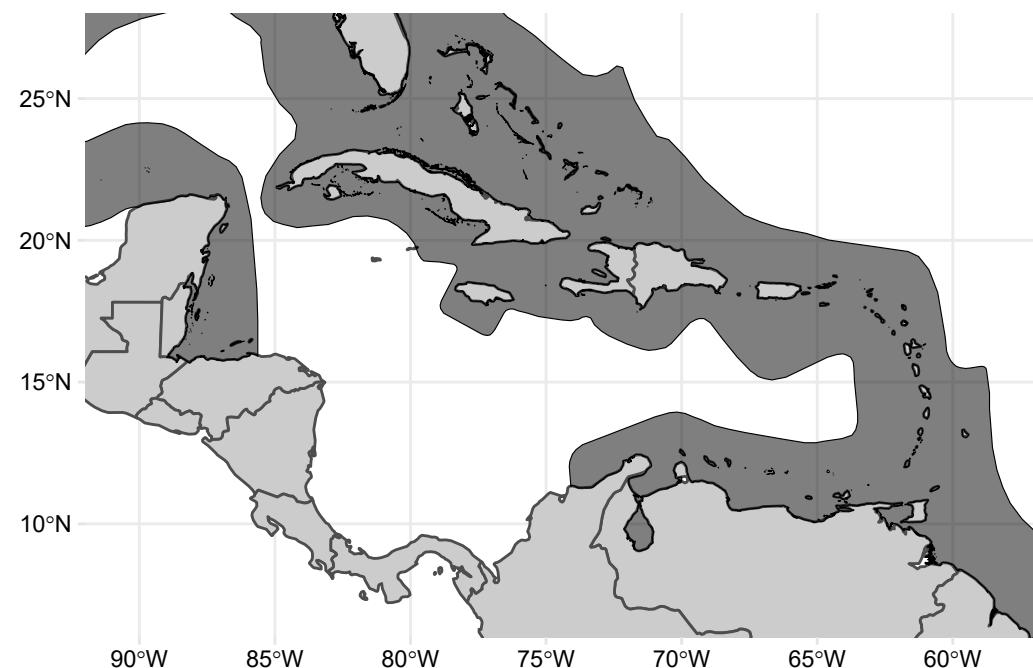
Detailed map of the U.S. Caribbean region (68°W to 64°W, 16.5°N to 19.5°N) showing precipitation anomalies (pp) in standard deviation units. The color scale ranges from -0.3 (dark blue) to 0.2 (dark red). The map shows significant spatial variability, with high positive anomalies (red/orange) in the eastern and southern parts and negative anomalies (blue) in the western and northern parts.

A

King Mackerel

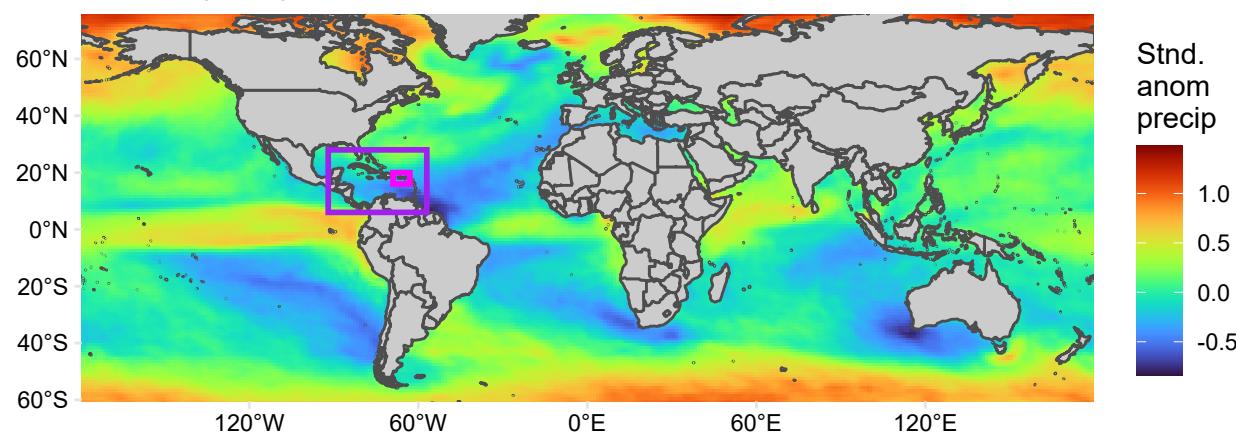


B



C

Global: precip

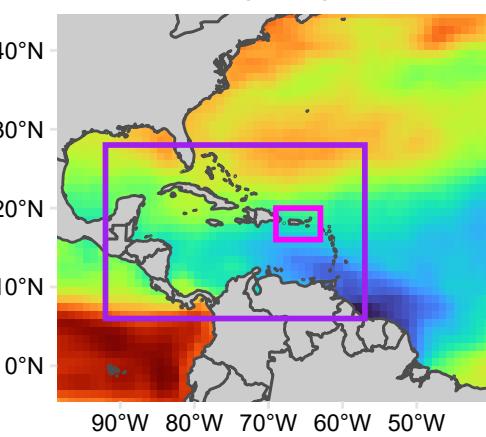


Stnd.
anom
precip

1.0
0.5
0.0
-0.5

D

W. Atlantic: precip

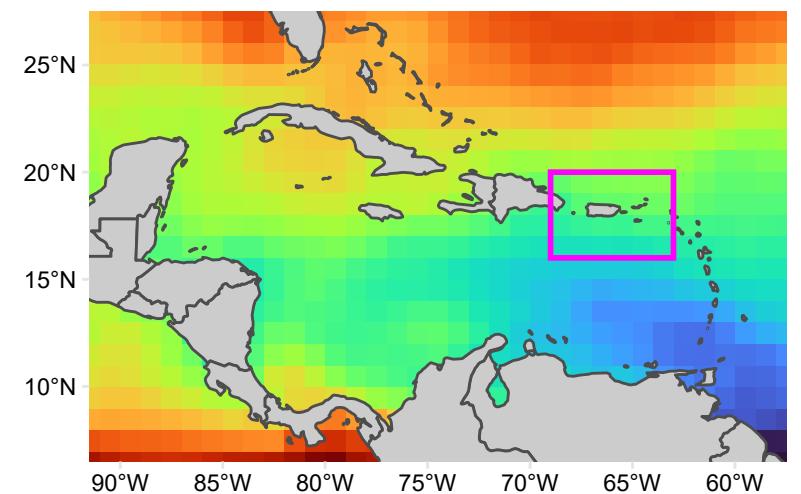


Stnd.
anom
precip

0.4
0.0
-0.4
-0.8

E

Caribbean Sea: precip

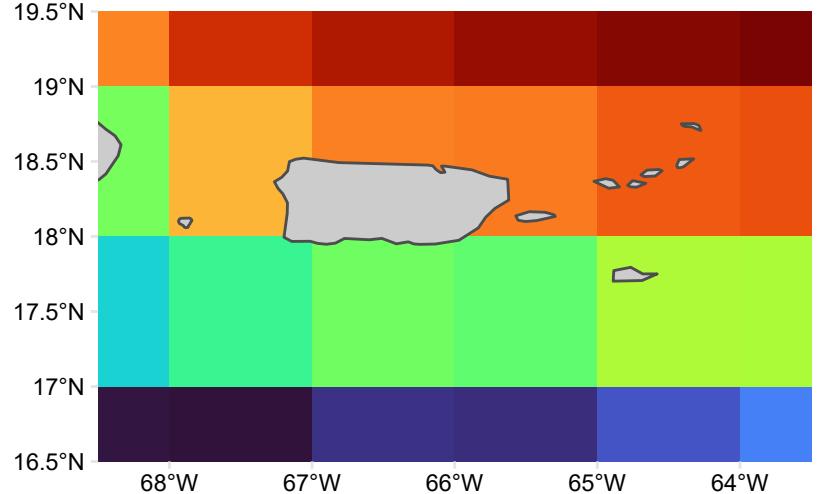


Stnd.
anom
precip

0.4
0.0
-0.4
-0.8

F

U.S. Caribbean: precip

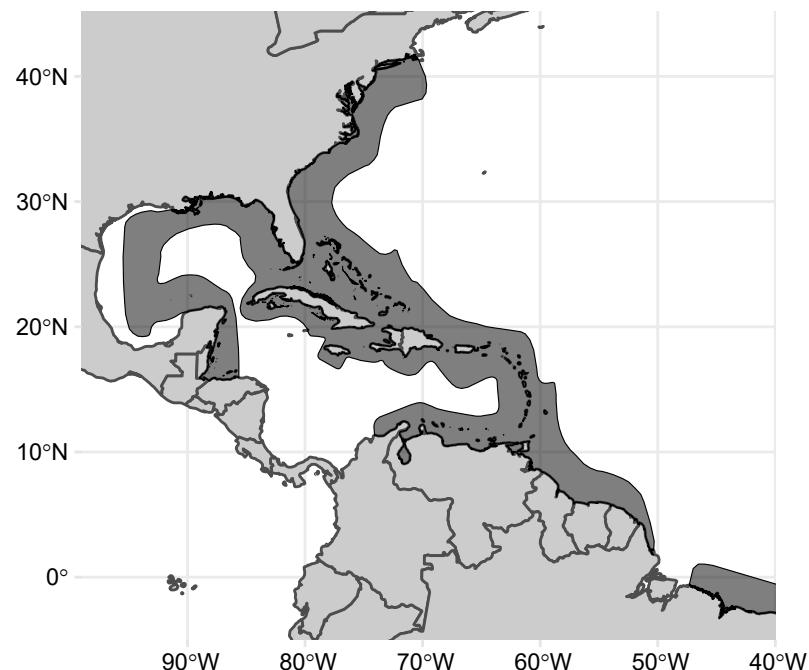


Stnd.
anom
precip

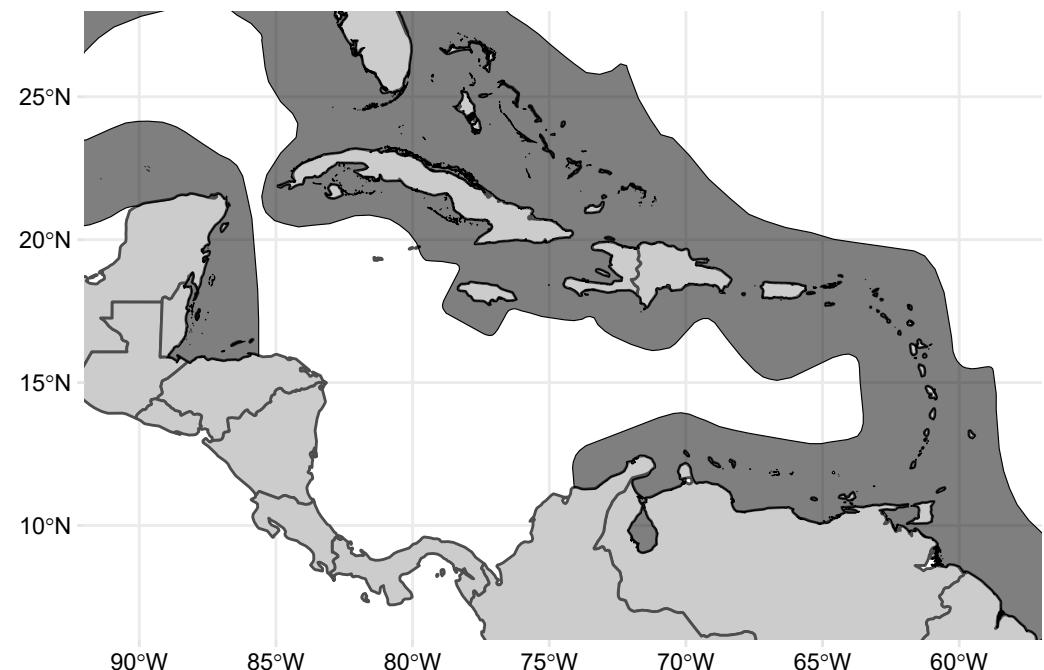
-0.25
-0.30
-0.35
-0.40

A

King Mackerel

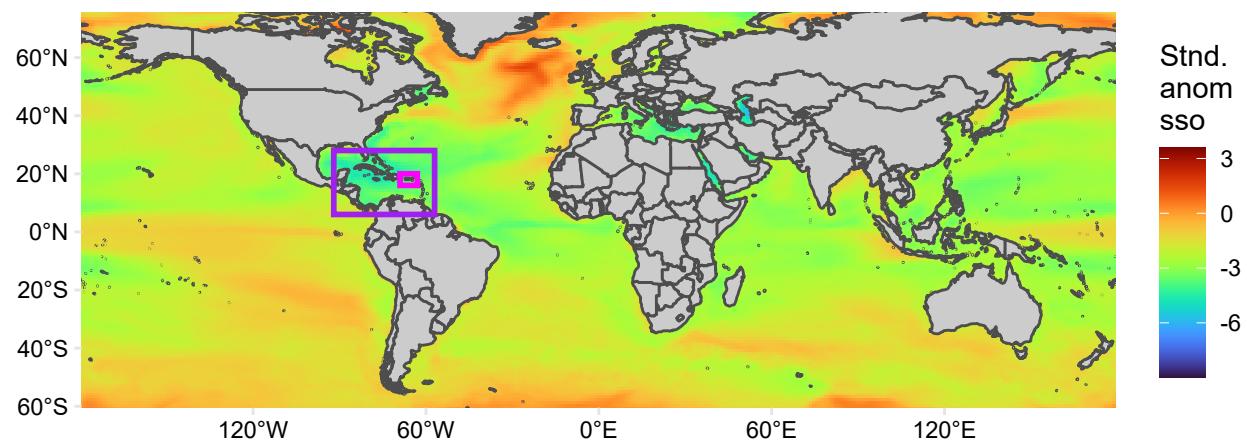


B



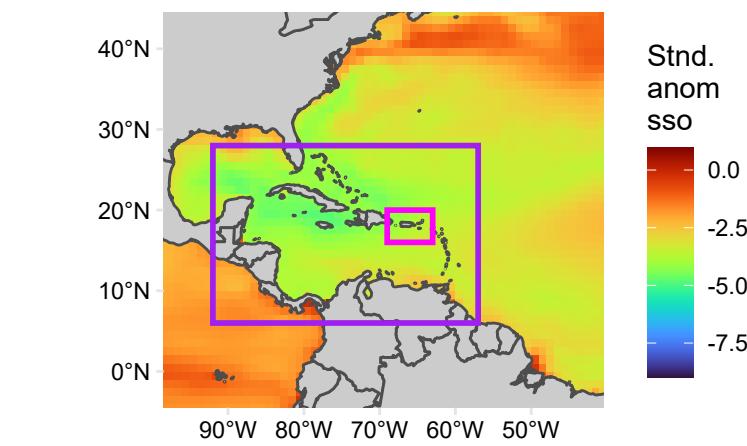
C

Global: sso



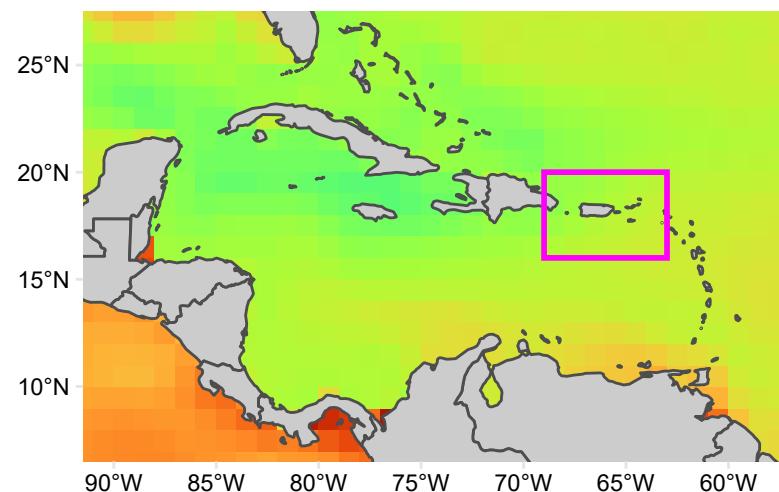
D

W. Atlantic: sso



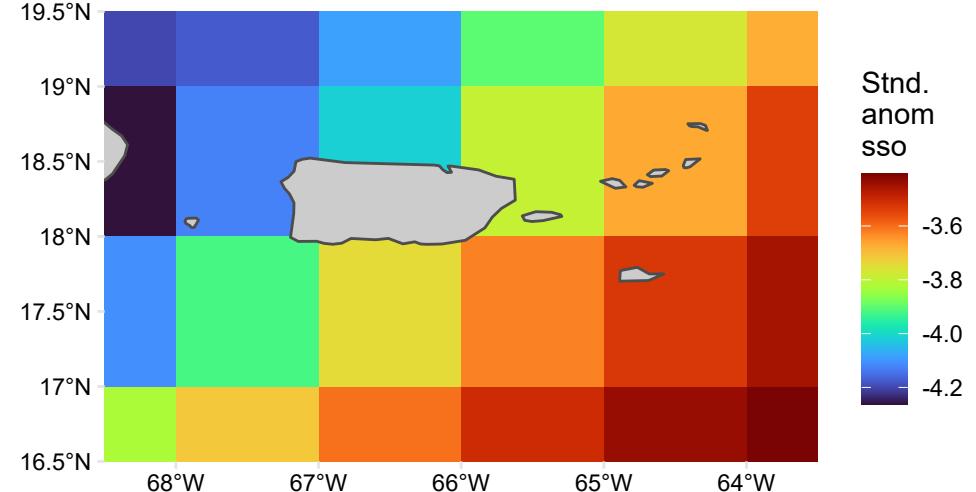
E

Caribbean Sea: sso



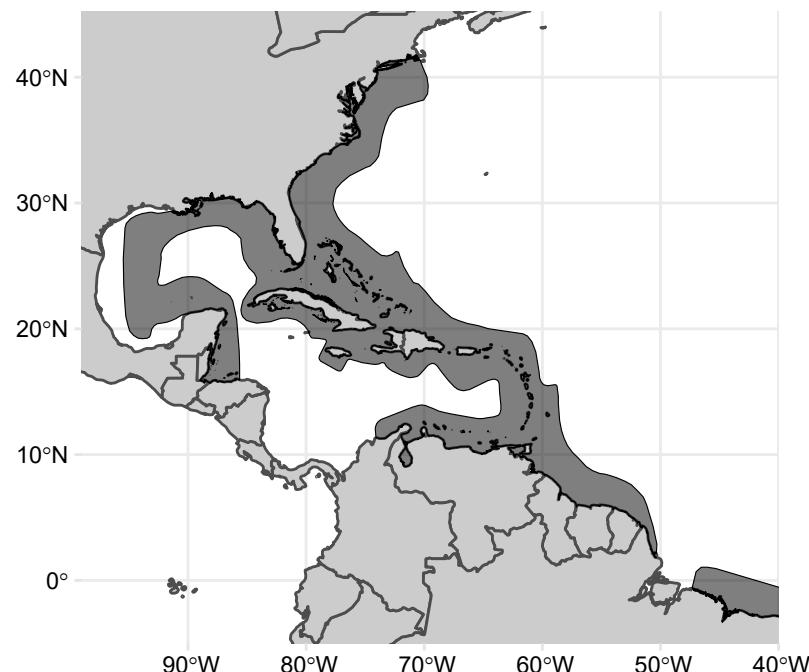
F

U.S. Caribbean: sso

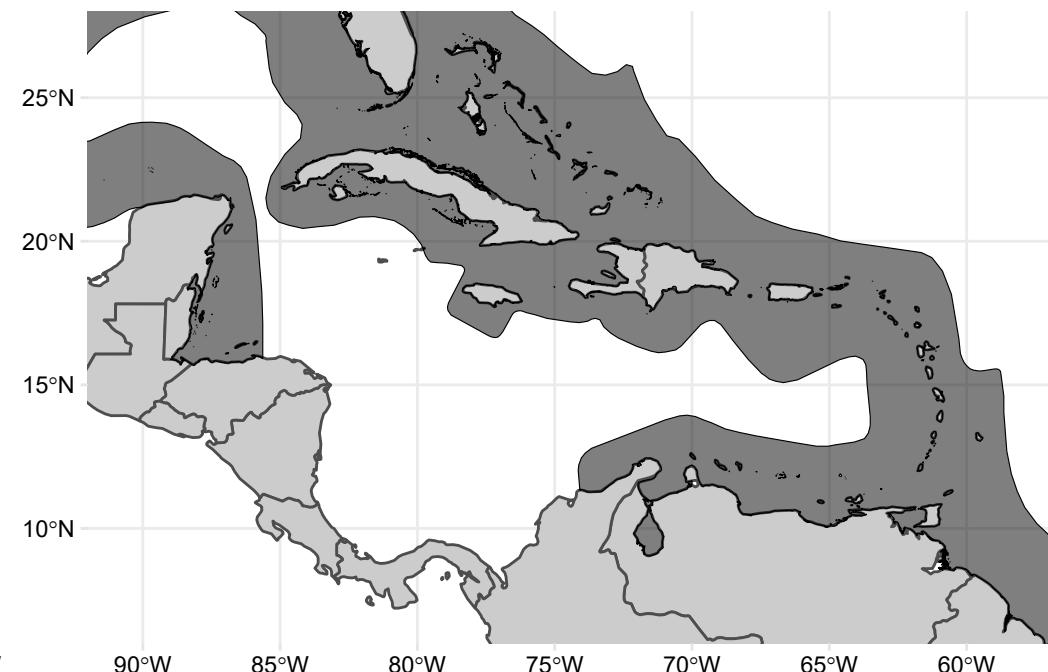


A

King Mackerel

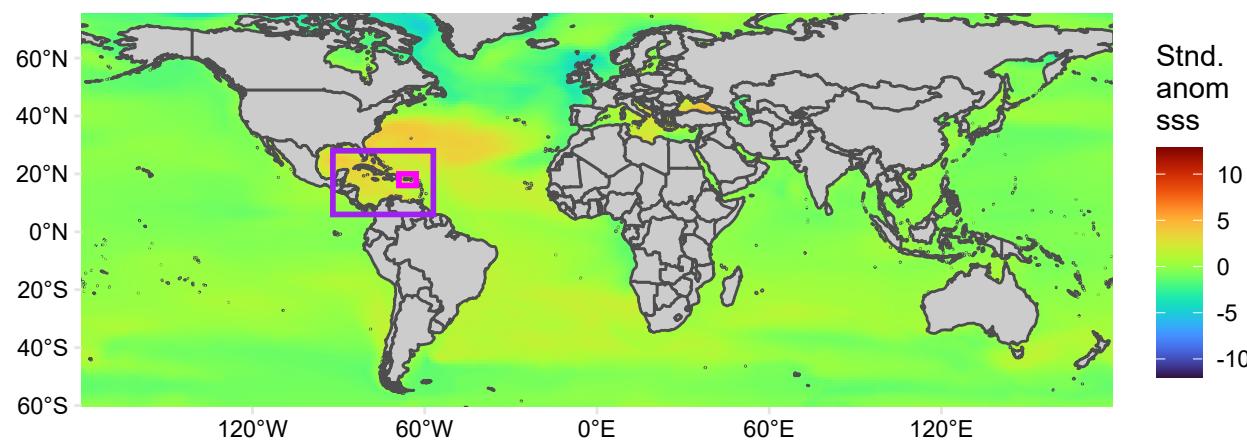


B



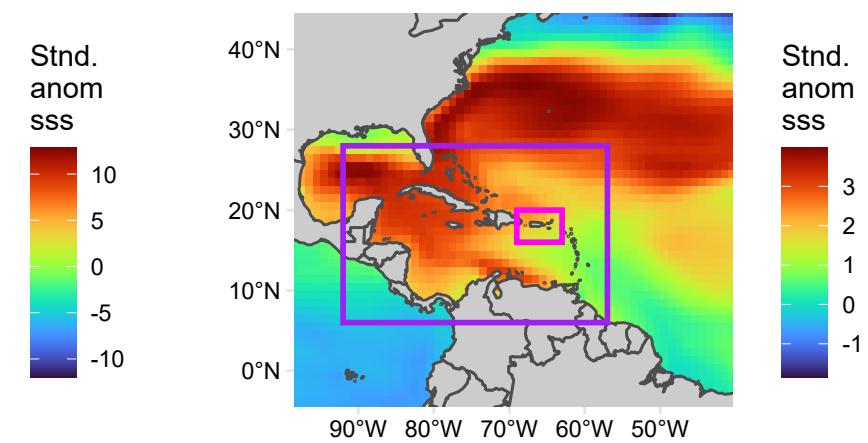
C

Global: sss



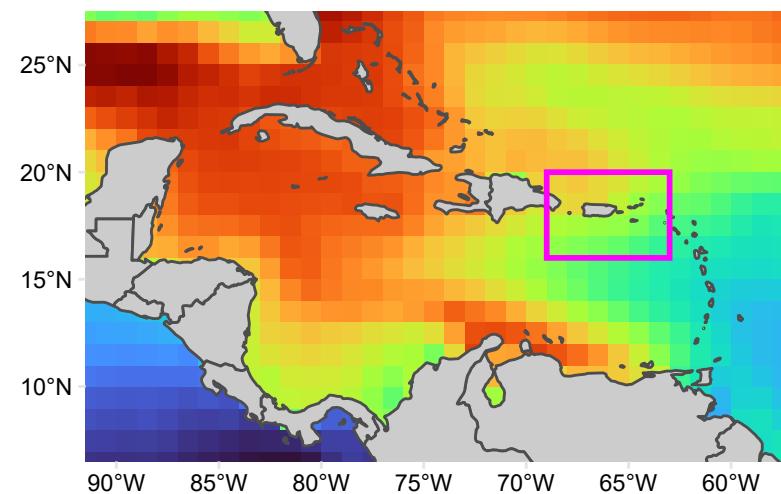
D

W. Atlantic: sss



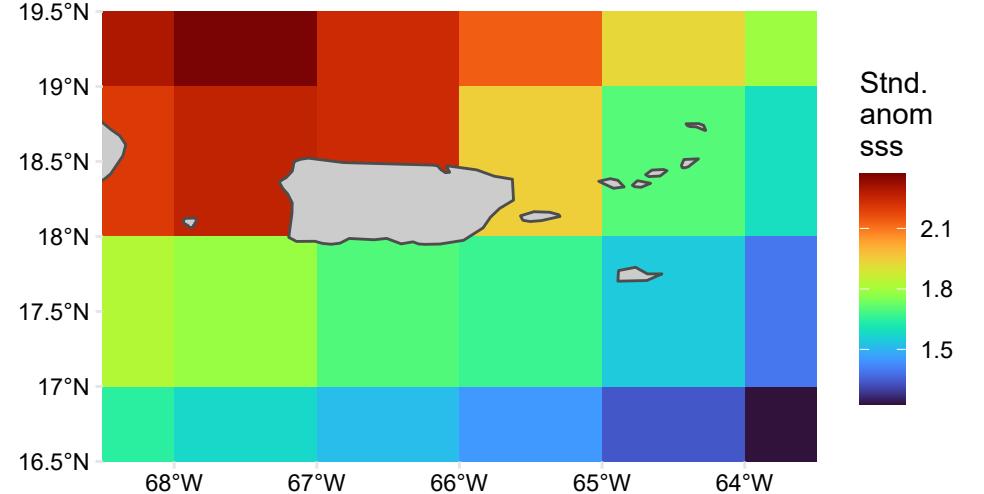
E

Caribbean Sea: sss



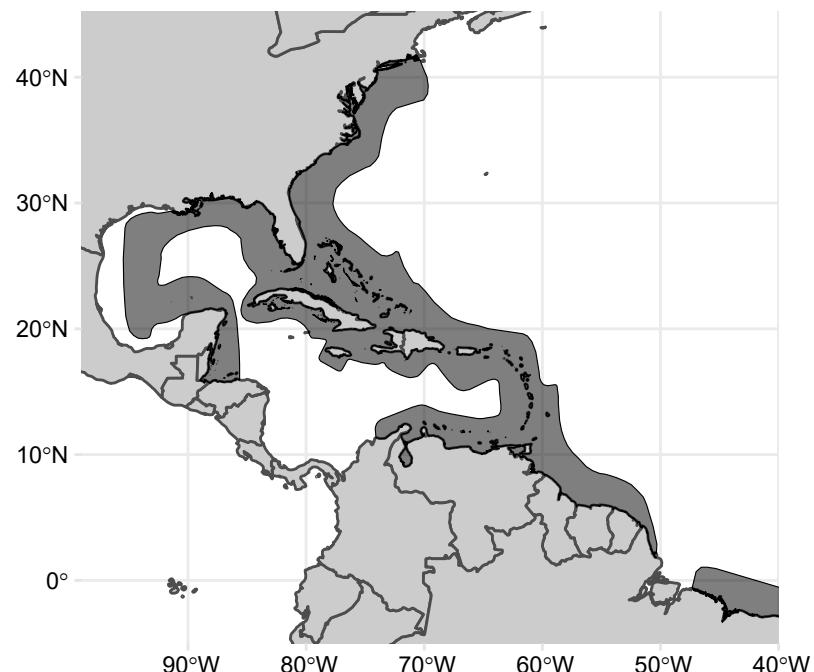
F

U.S. Caribbean: sss

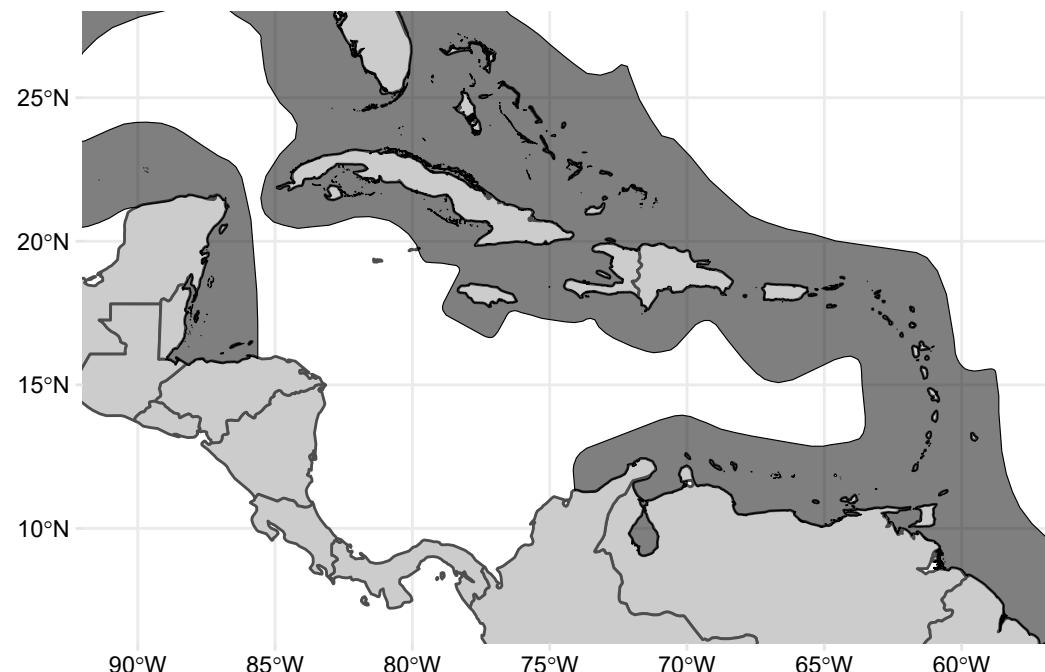


A

King Mackerel

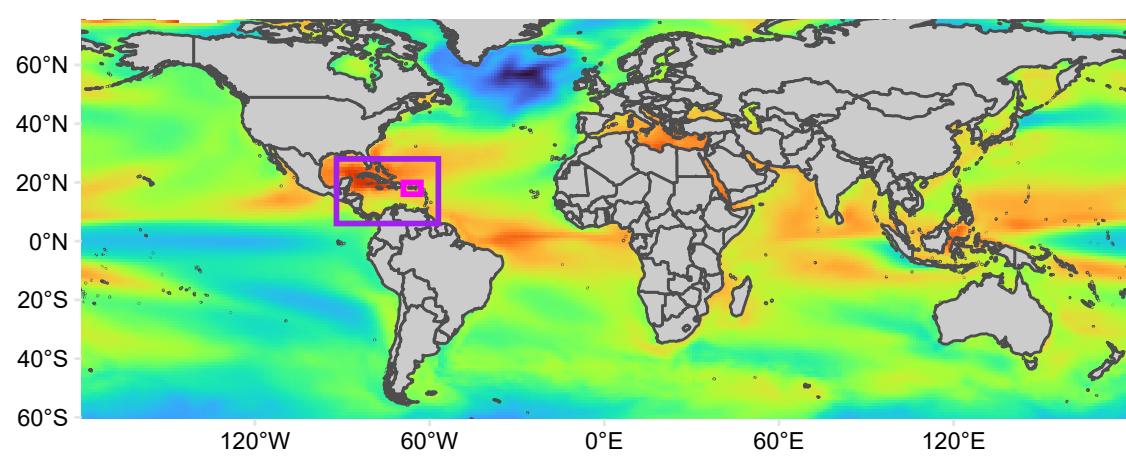


B



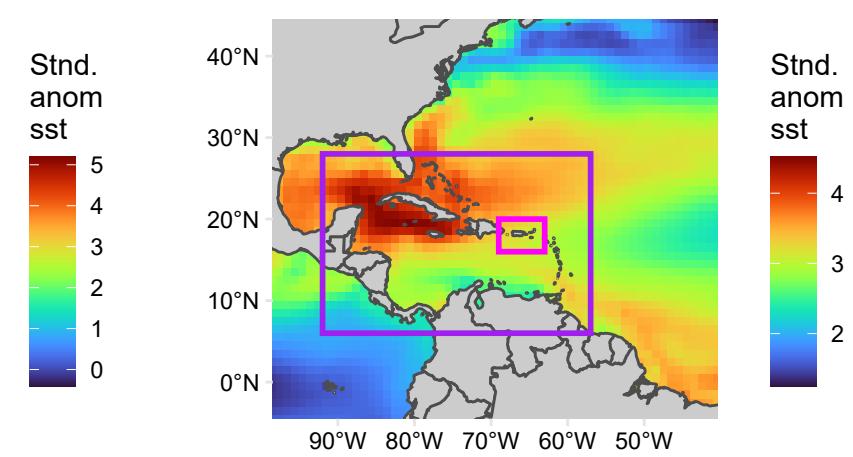
C

Global: sst



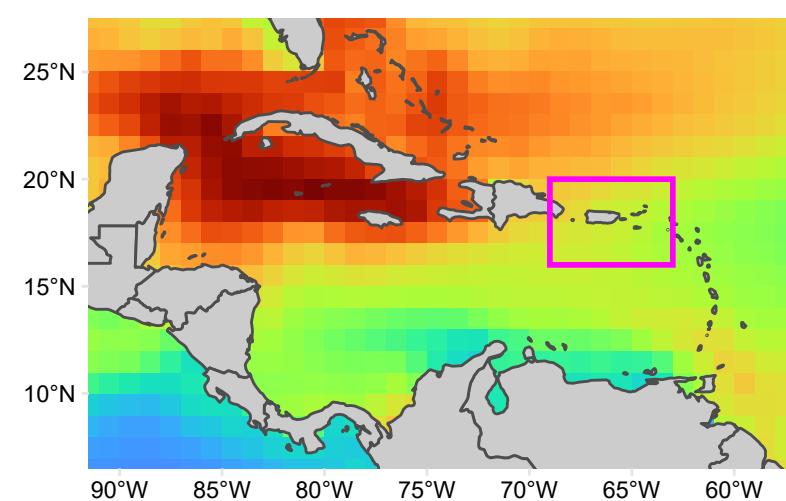
D

W. Atlantic: sst



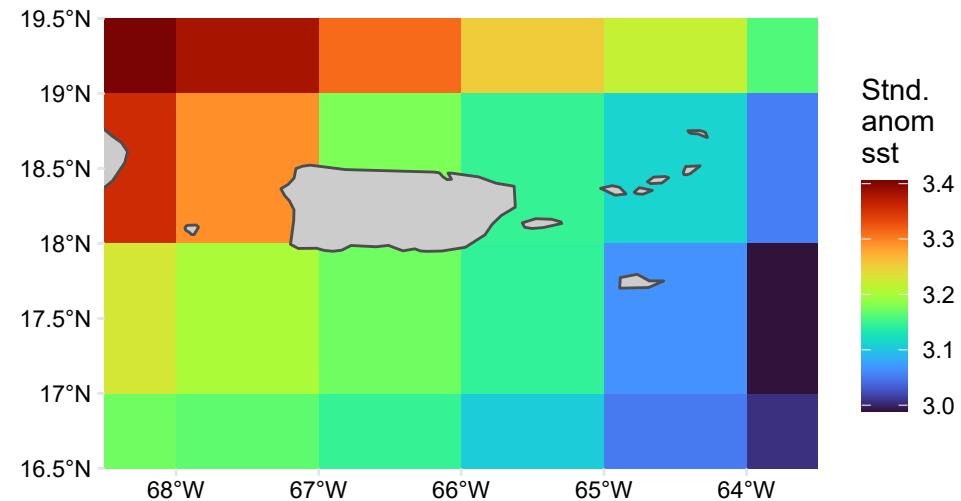
E

Caribbean Sea: sst



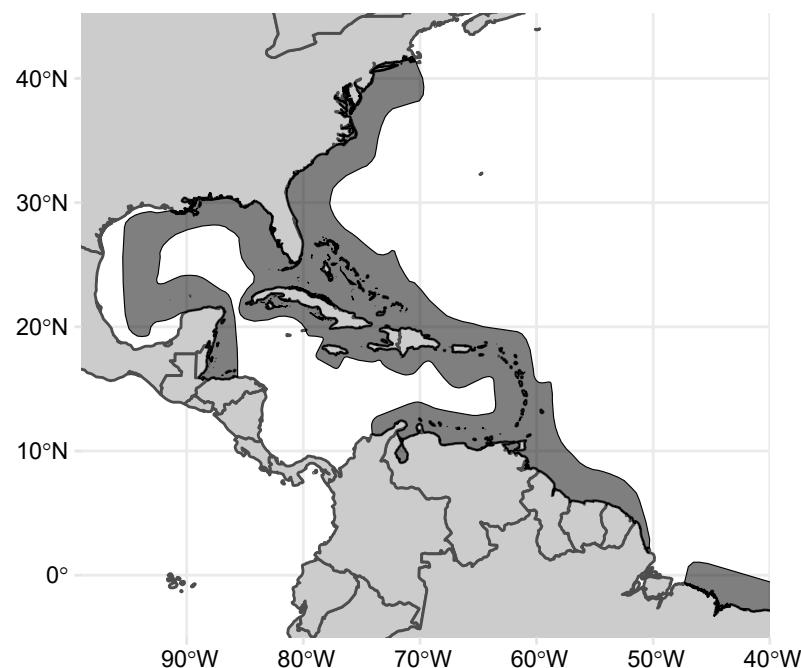
F

U.S. Caribbean: sst

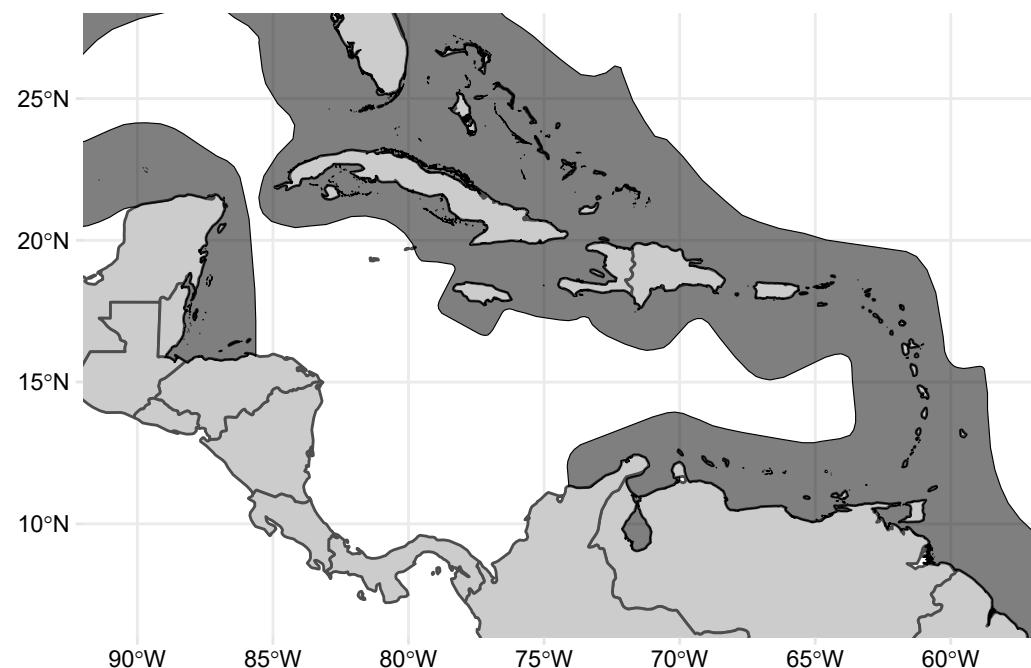


A

King Mackerel

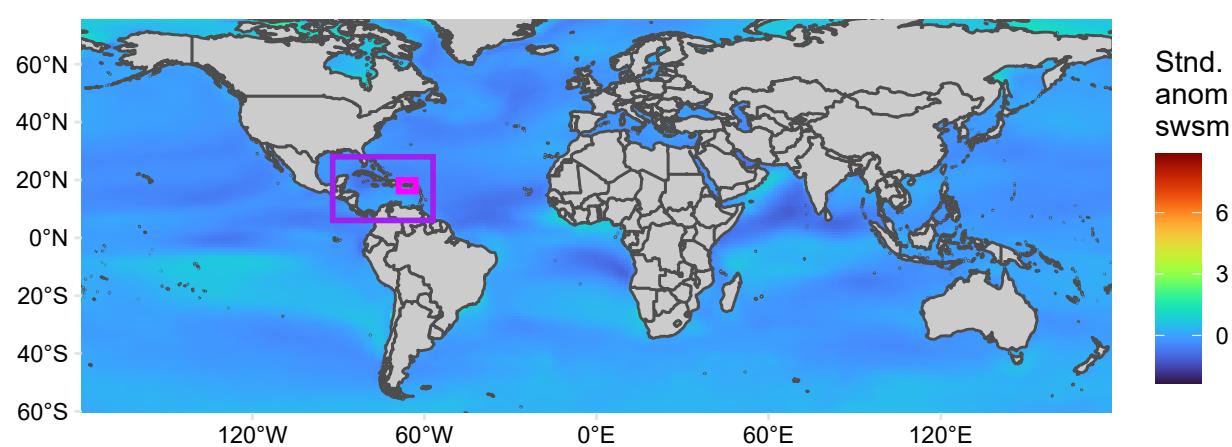


B



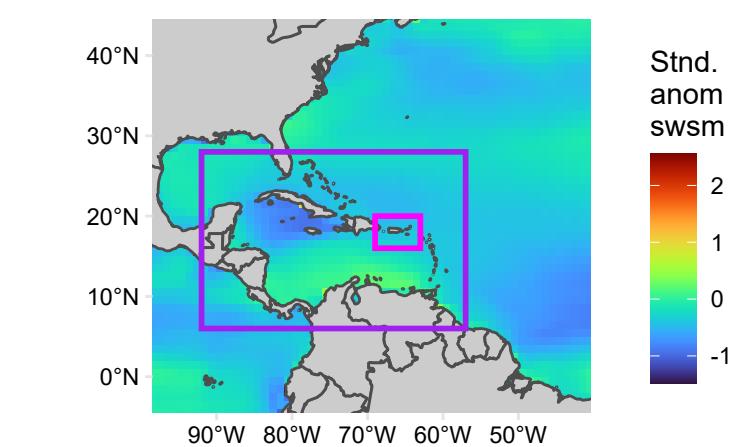
C

Global: swsms



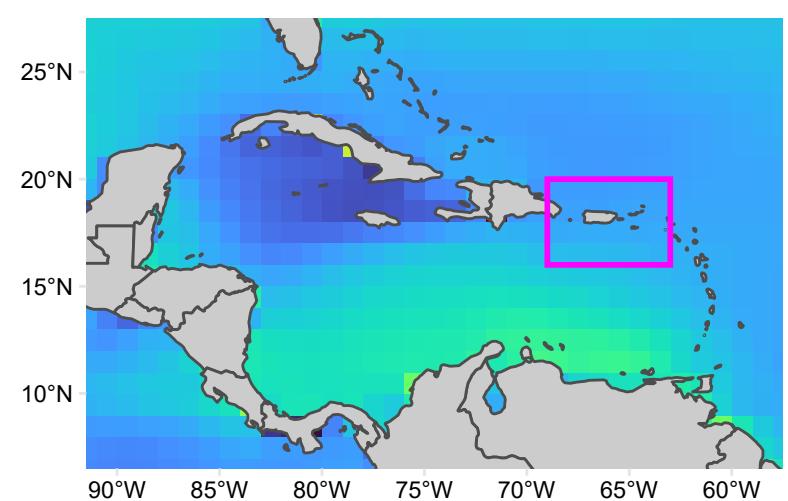
D

W. Atlantic: swsms



E

Caribbean Sea: swsms



F

U.S. Caribbean: swsms

