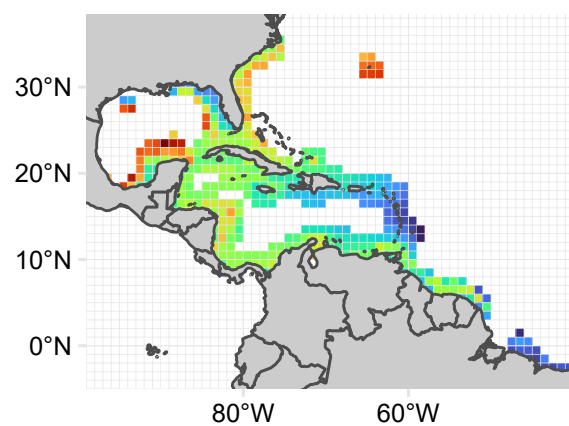
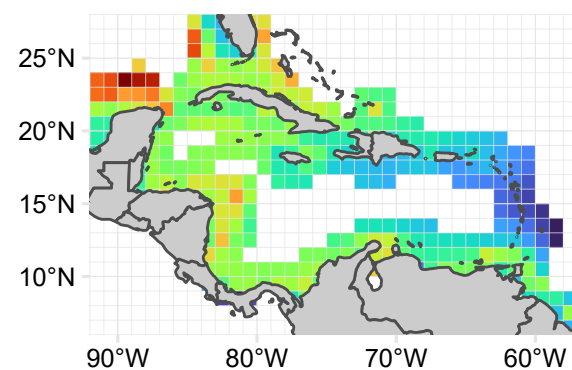


**A**

W. Atlantic range, 428 cells

**B**

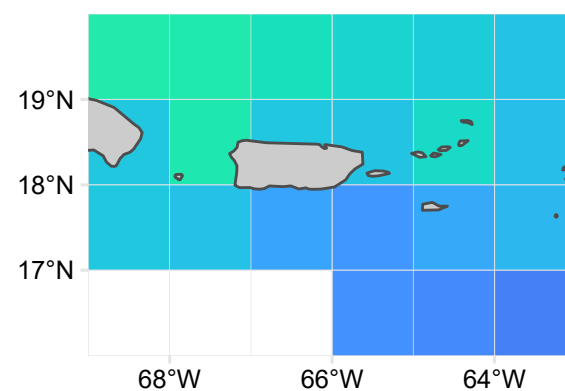
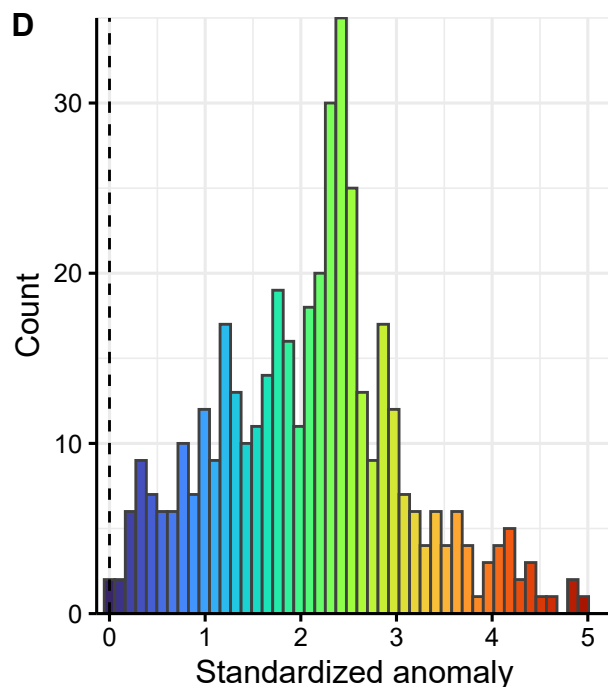
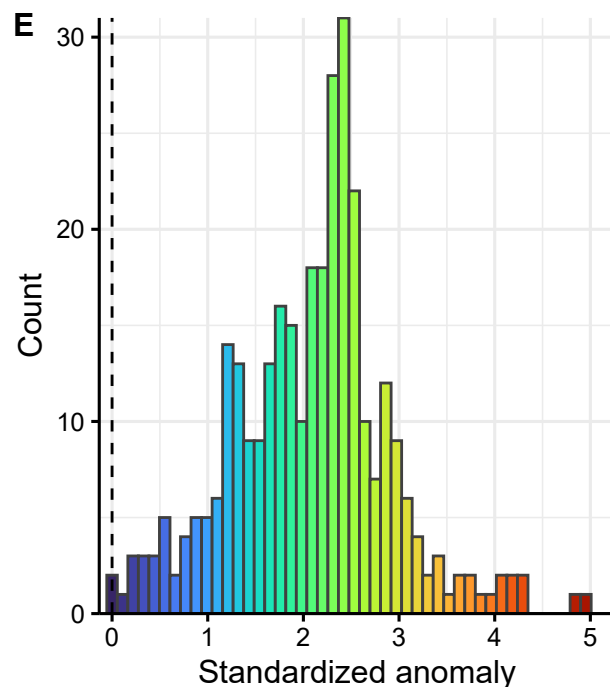
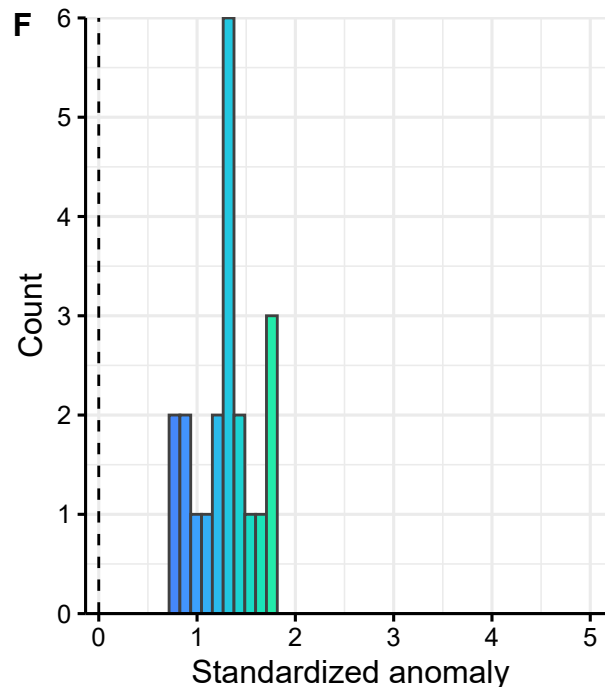
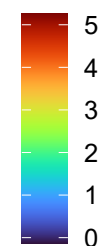
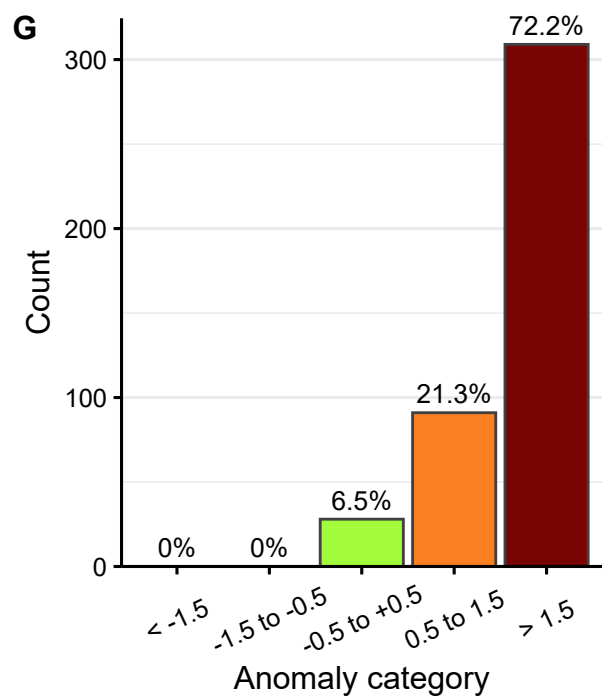
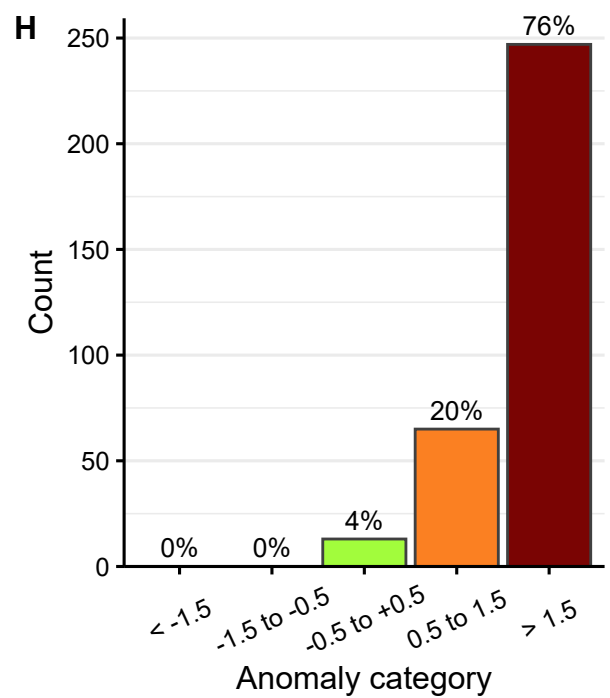
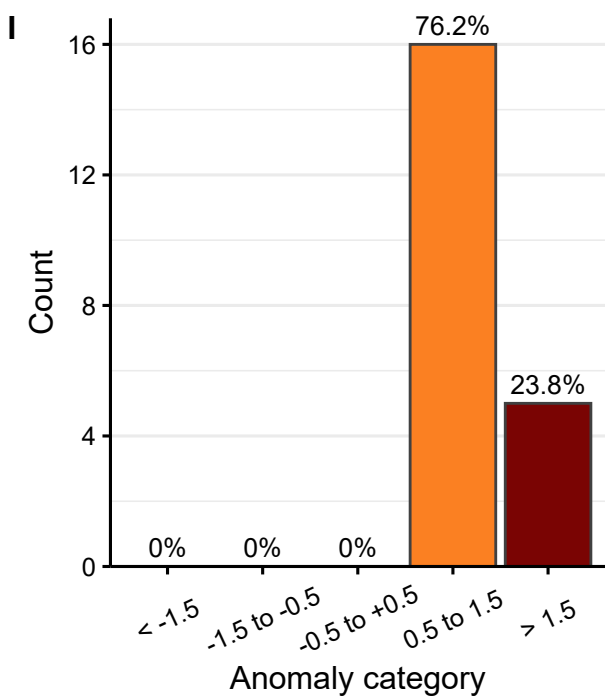
Caribbean Sea, 325 cells

**C**

Spe: Red Grouper

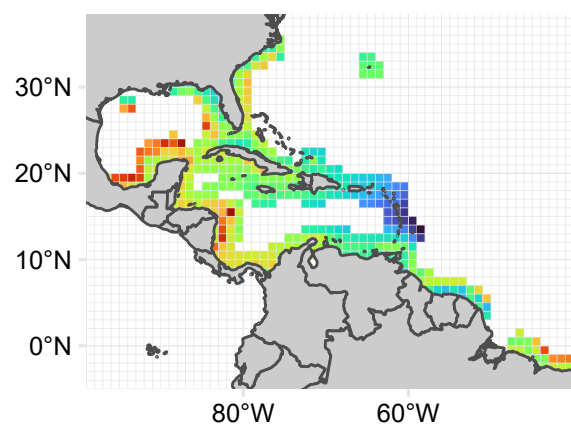
Exp: bs

U.S. Caribbean, 21 cells

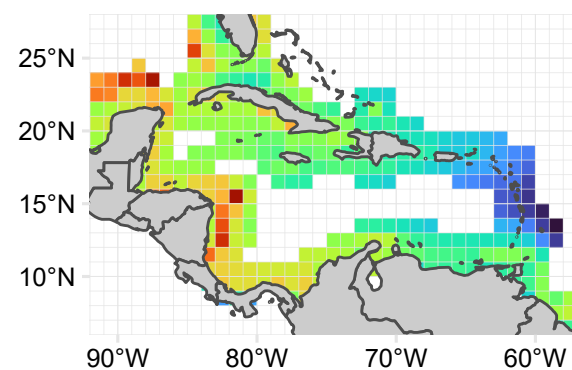
**D****E****F**Standardized  
anomaly  
bs**G****H****I**

**A**

W. Atlantic range, 437 cells

**B**

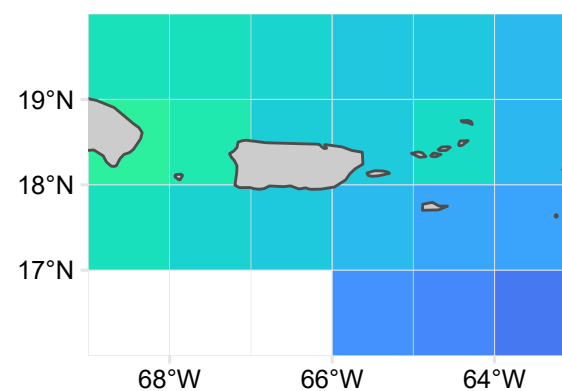
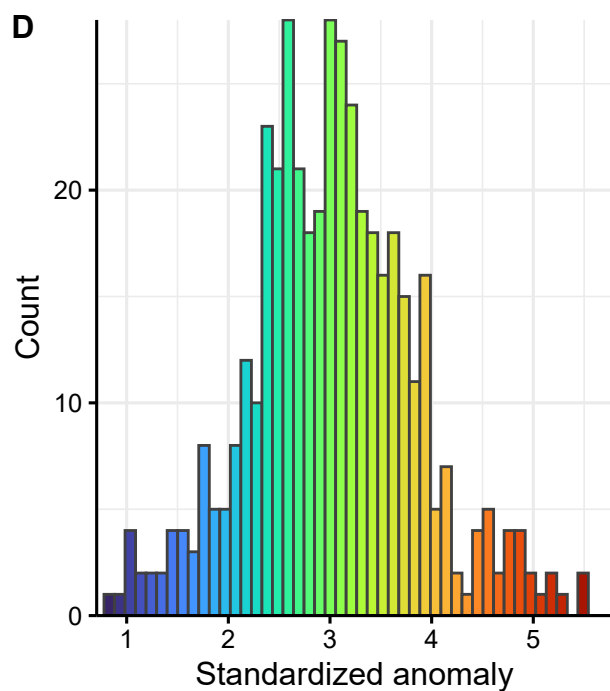
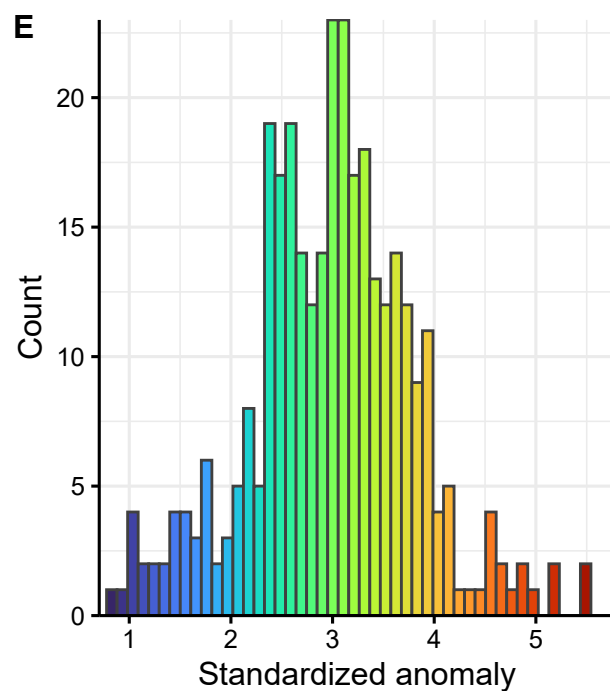
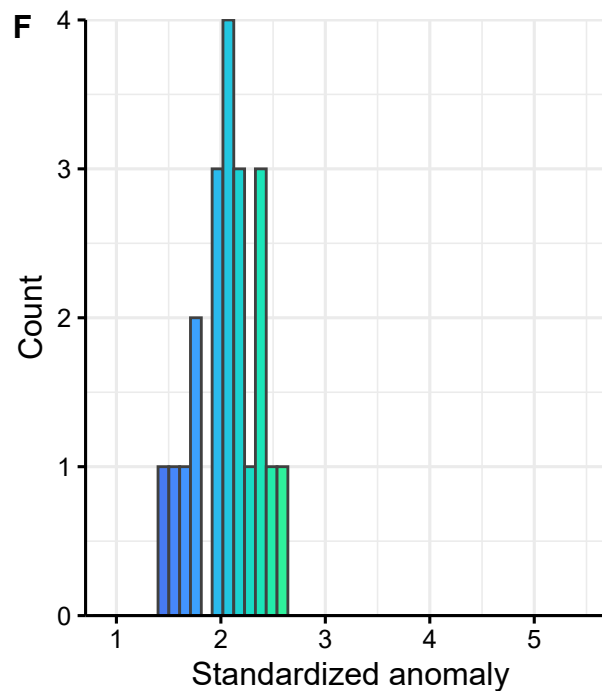
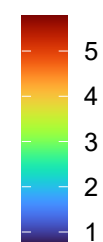
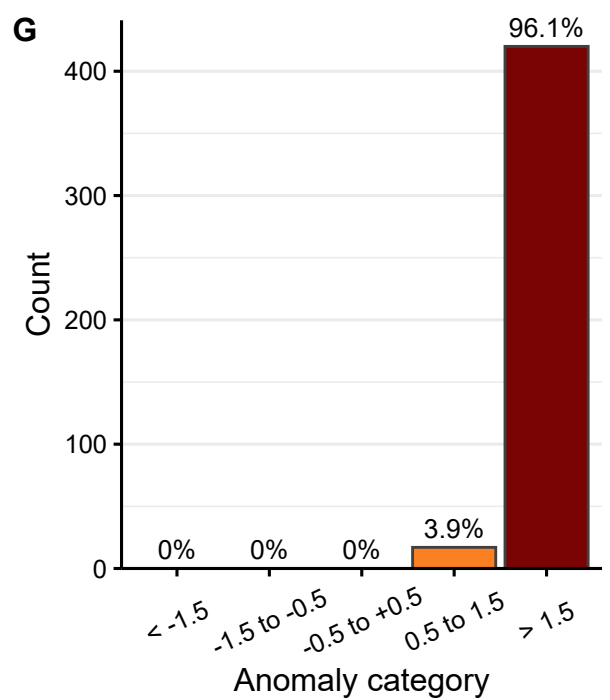
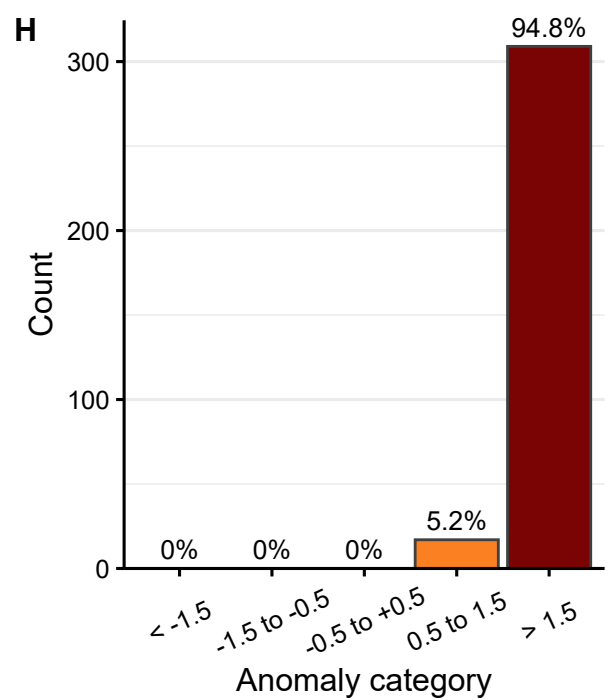
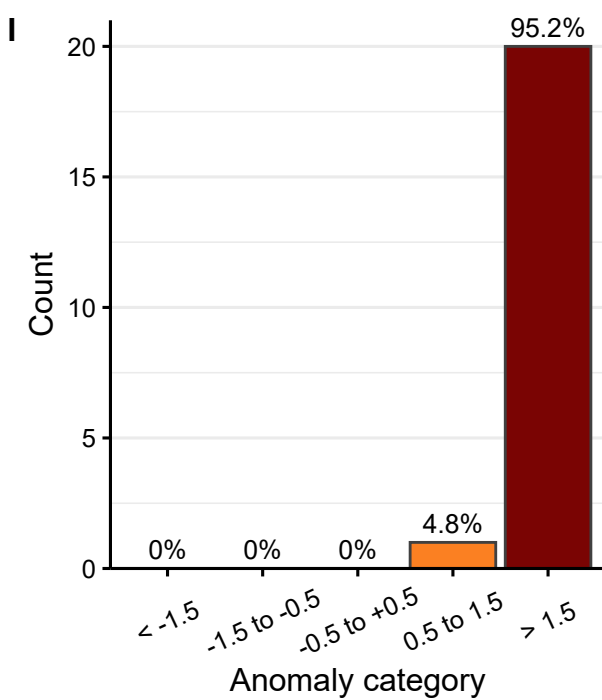
Caribbean Sea, 326 cells

**C**

Spe: Red Grouper

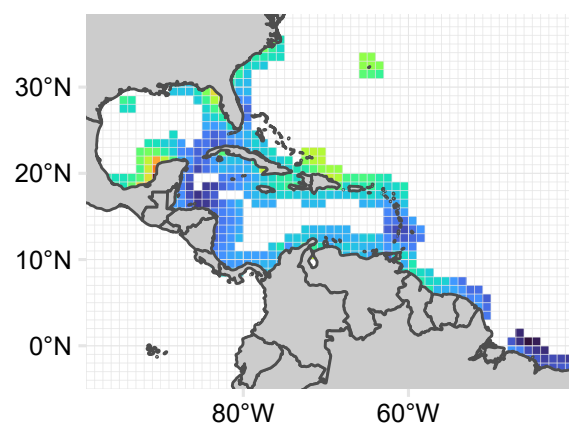
Exp: bt

U.S. Caribbean, 21 cells

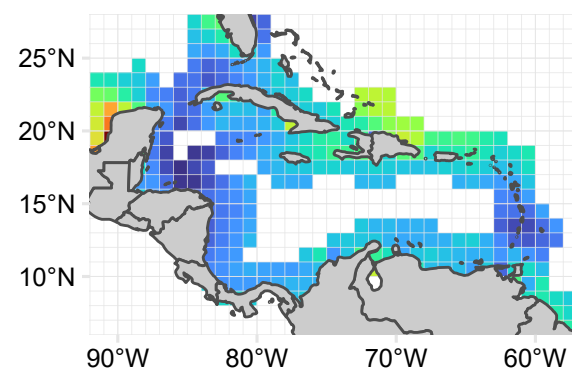
**D****E****F**Standardized  
anomaly  
bt**G****H****I**

**A**

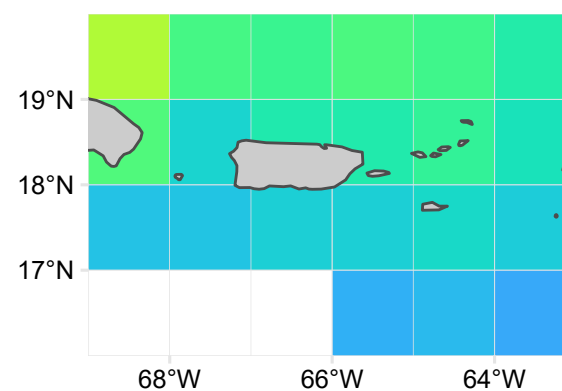
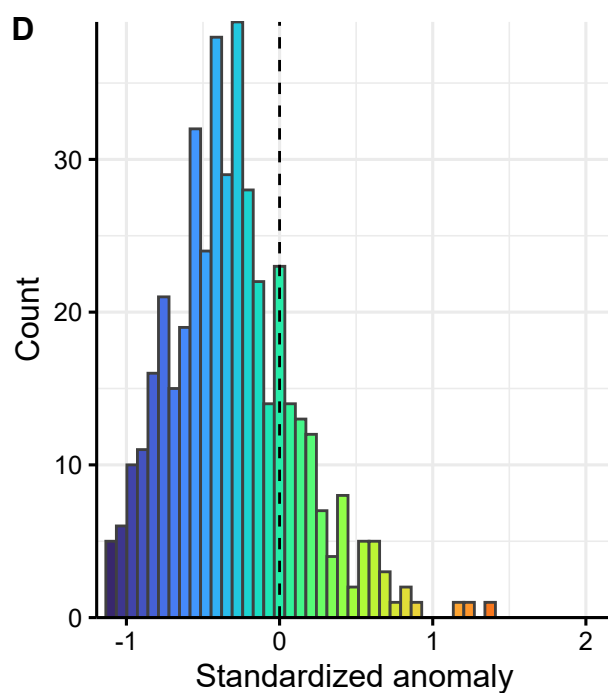
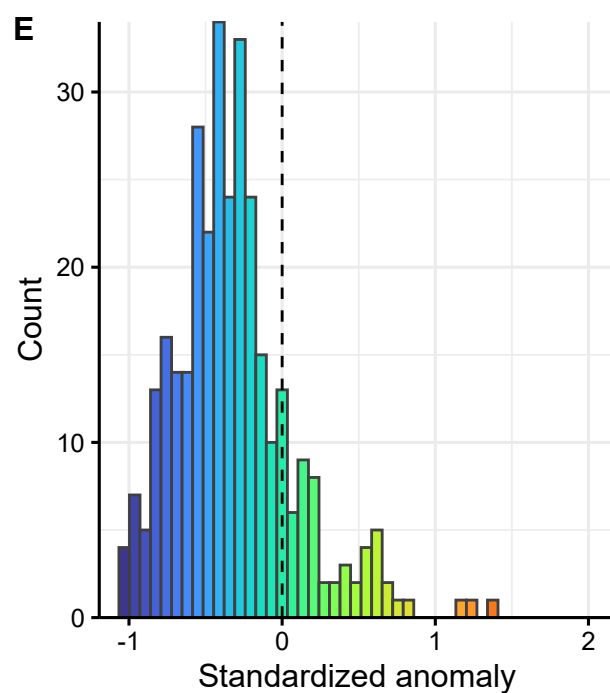
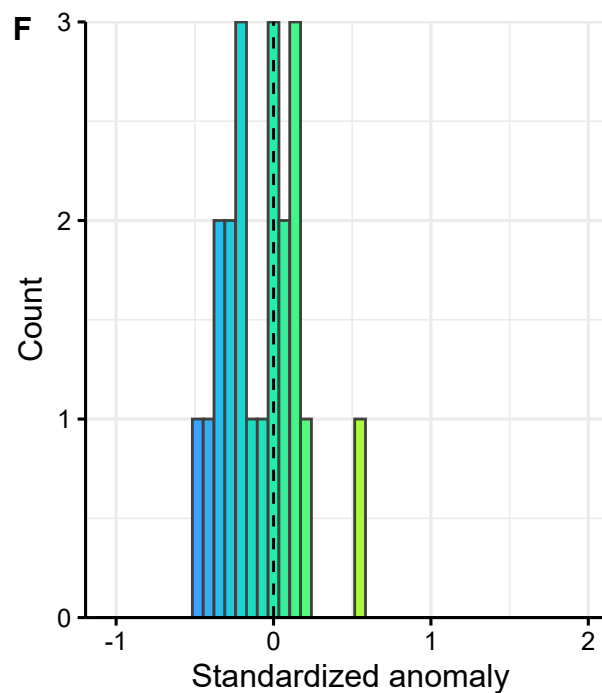
W. Atlantic range, 436 cells

**B**

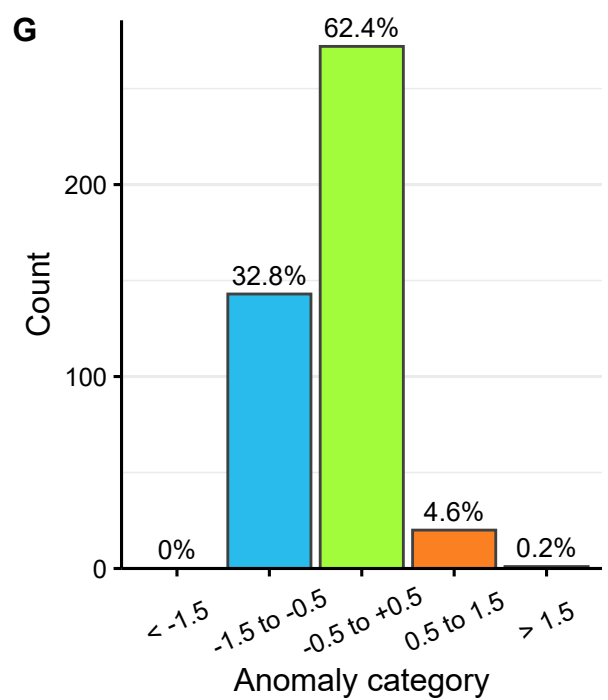
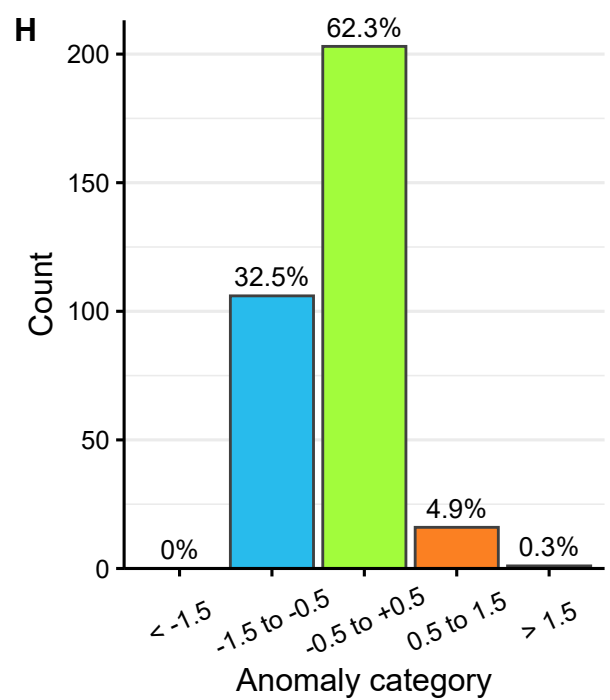
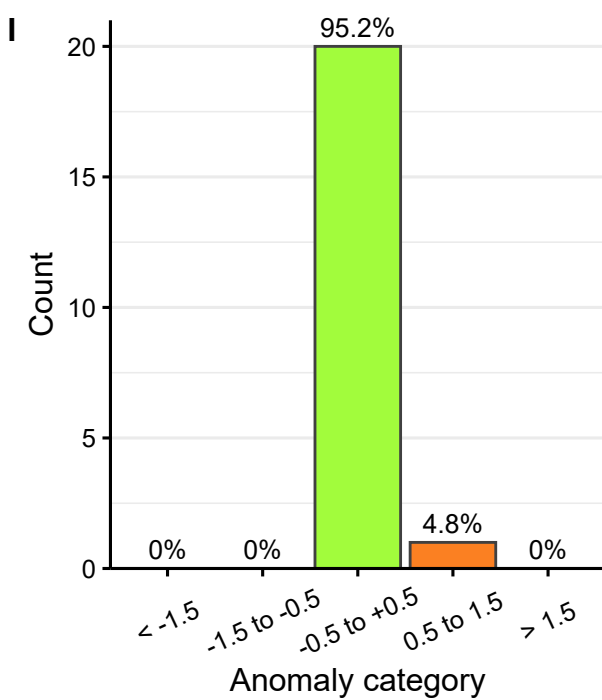
Caribbean Sea, 326 cells

**C**Spe: Red Grouper  
Exp: chl

U.S. Caribbean, 21 cells

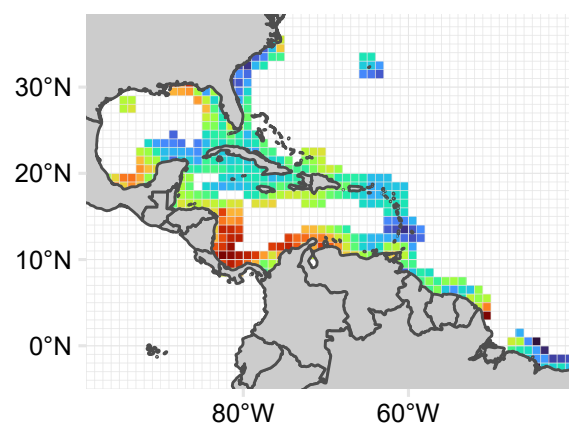
**D****E****F**

Standardized  
anomaly  
chl

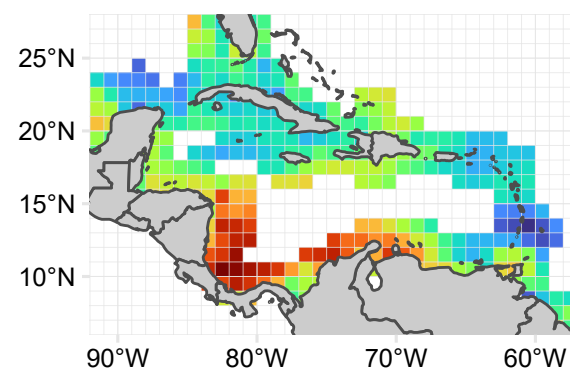
**G****H****I**

**A**

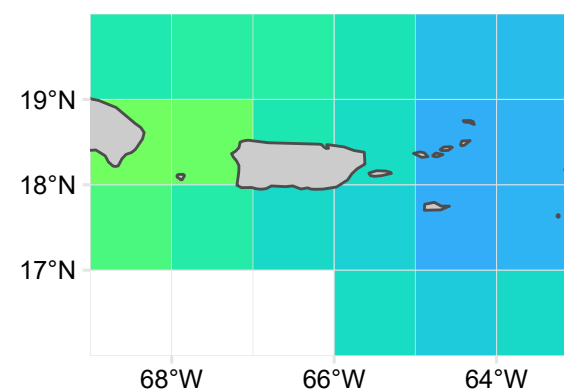
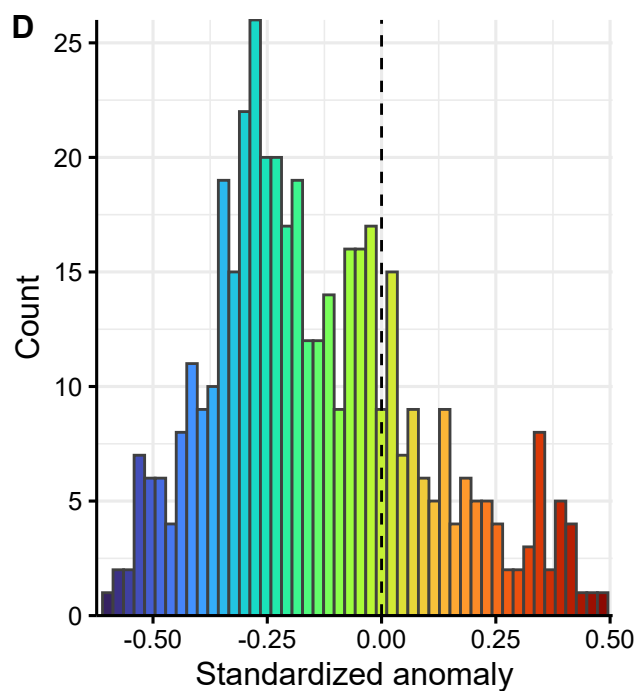
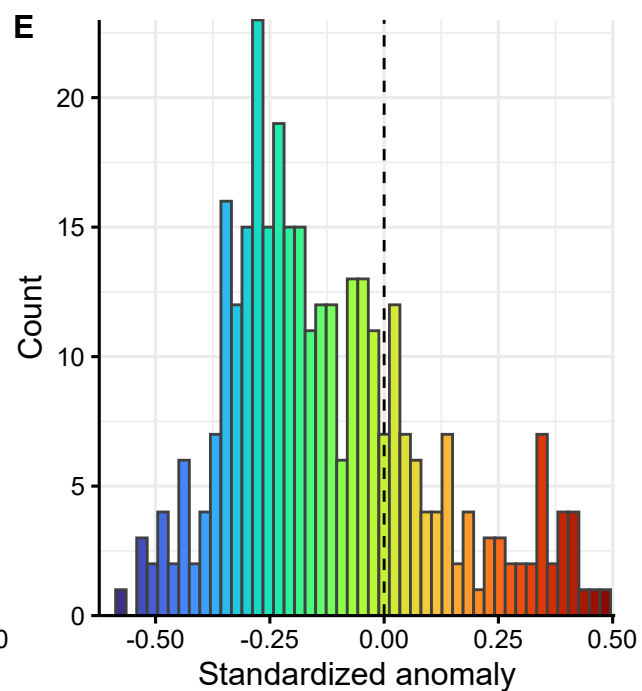
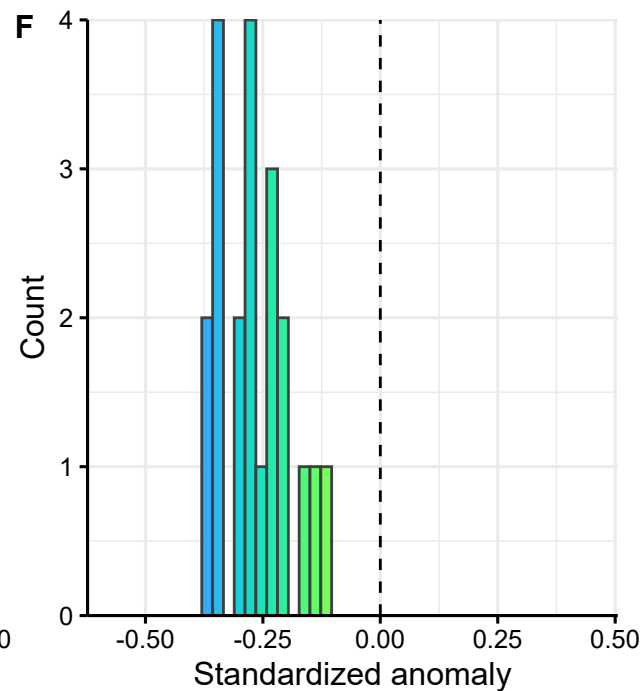
W. Atlantic range, 437 cells

**B**

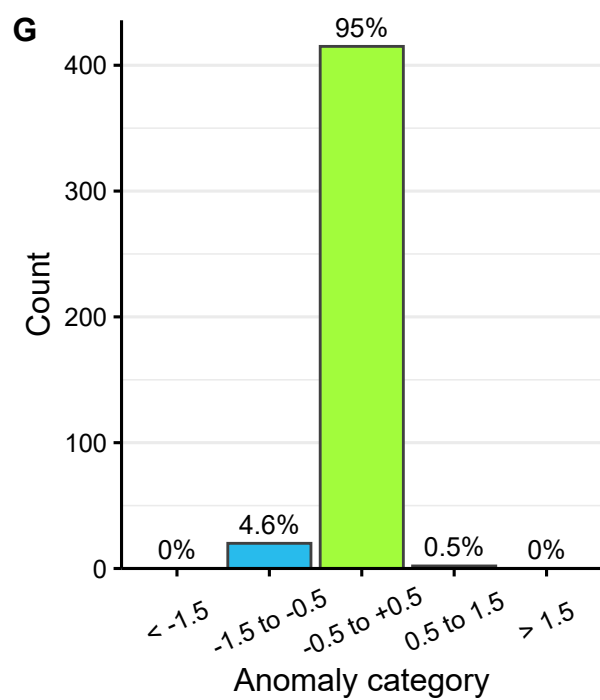
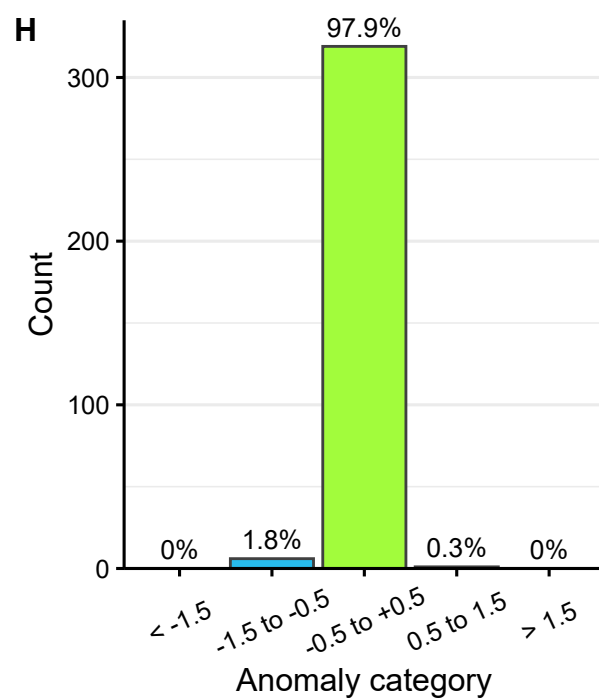
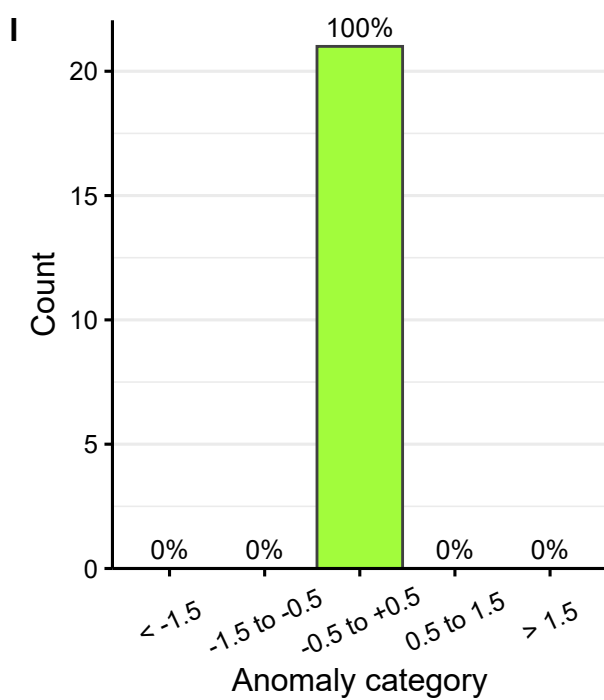
Caribbean Sea, 326 cells

**C**Spe: Red Grouper  
Exp: mld

U.S. Caribbean, 21 cells

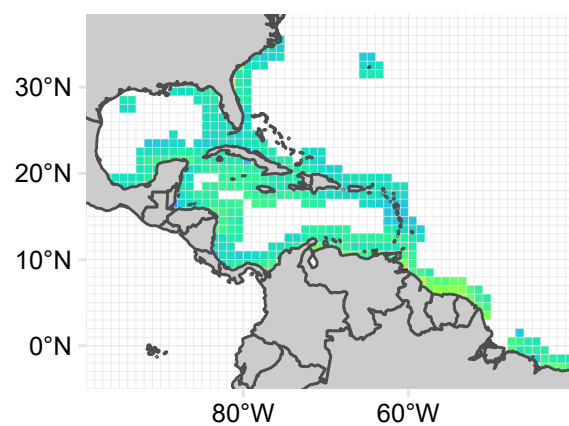
**D****E****F**

Standardized  
anomaly  
mld

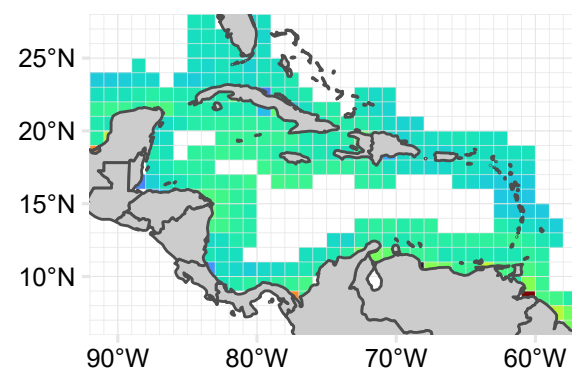
**G****H****I**

**A**

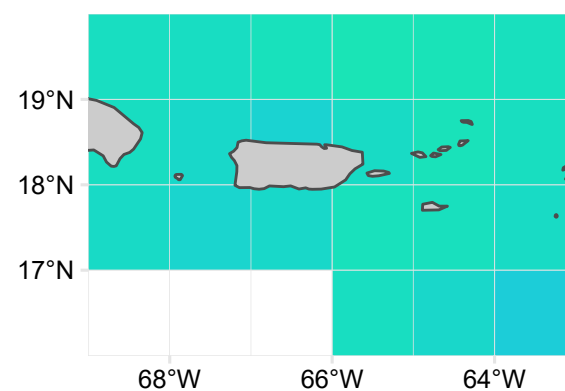
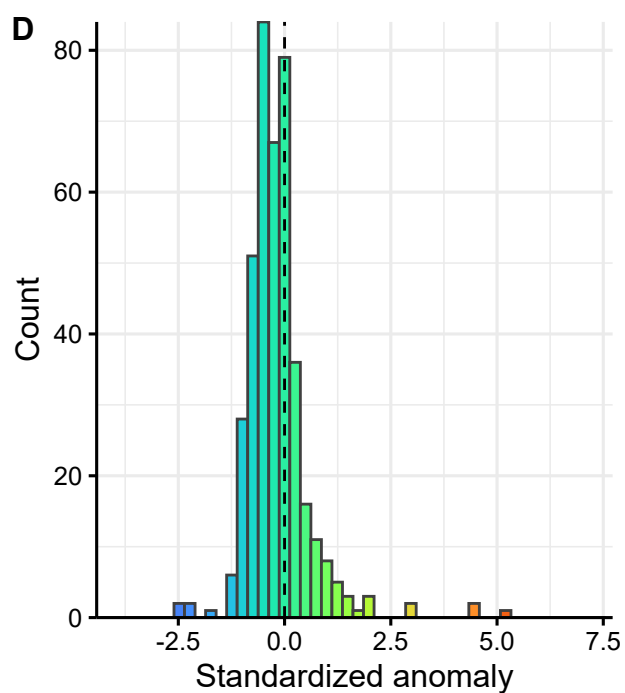
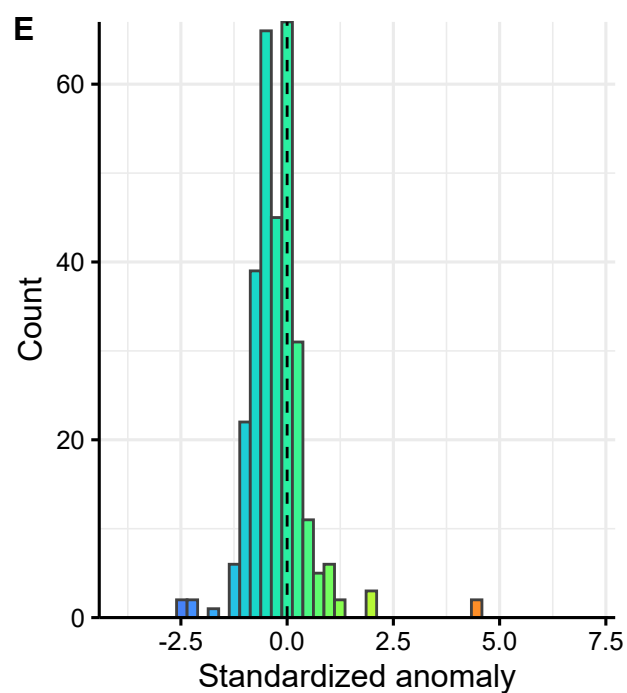
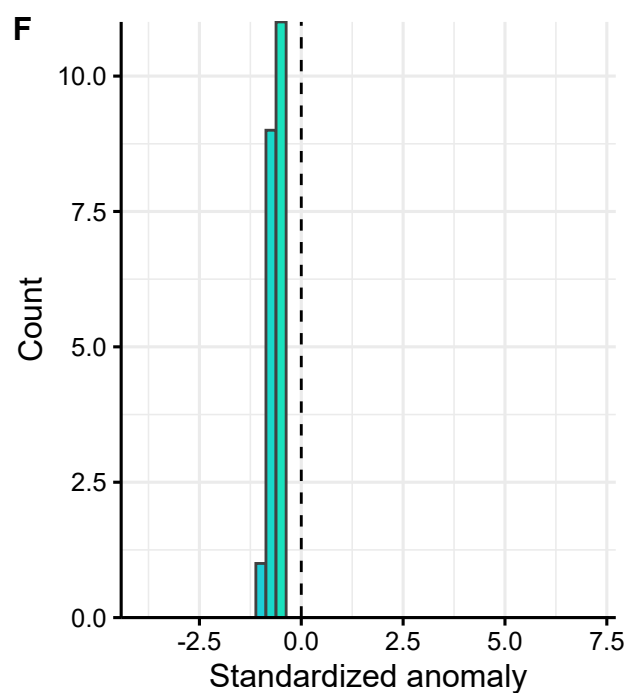
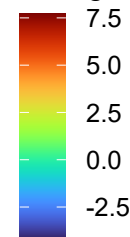
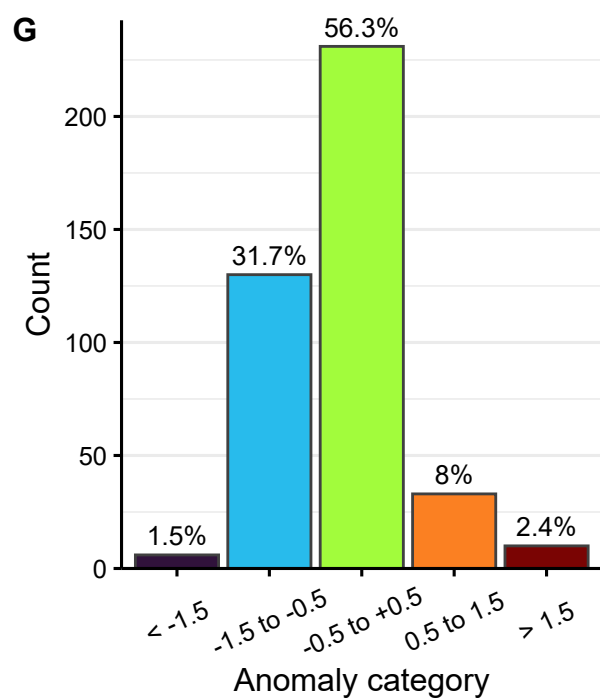
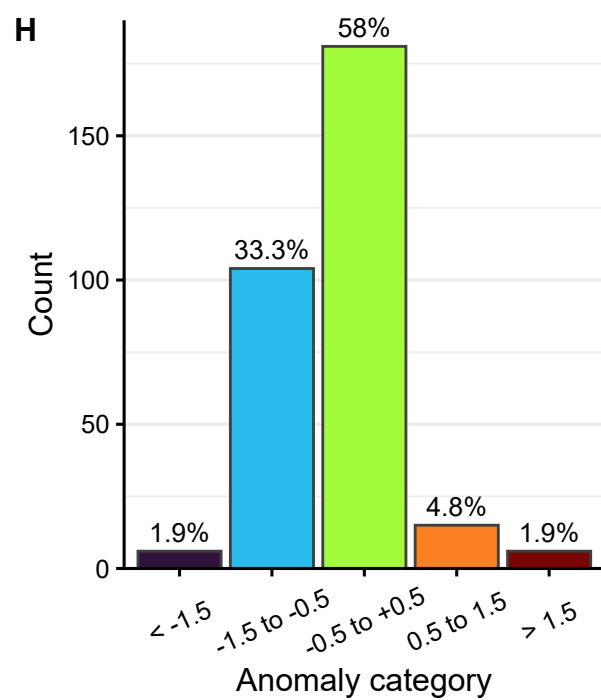
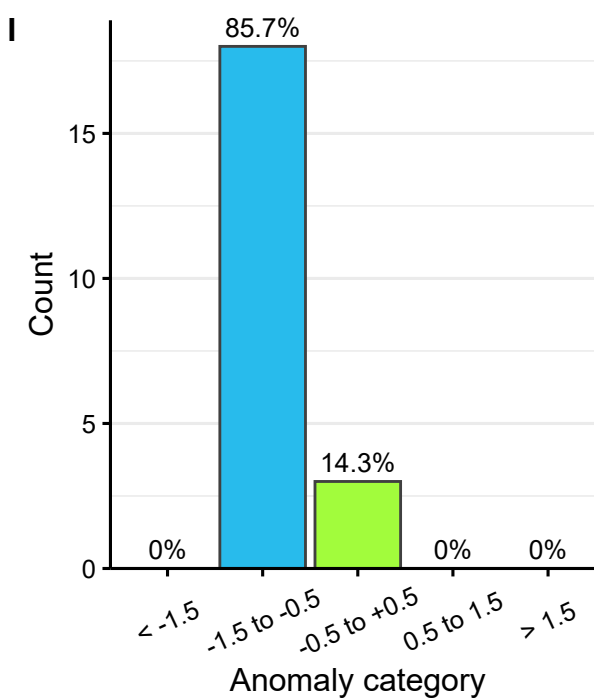
W. Atlantic range, 410 cells

**B**

Caribbean Sea, 312 cells

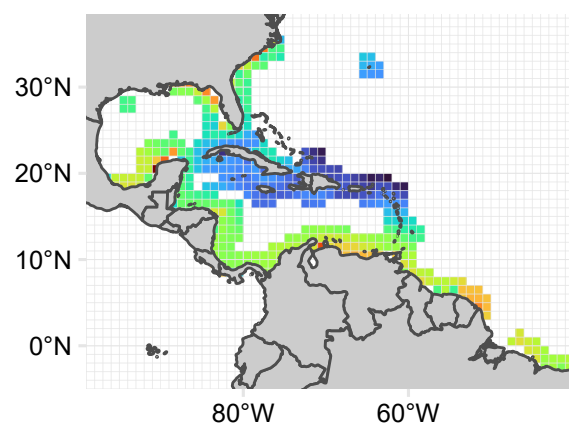
**C**Spe: Red Grouper  
Exp: msstg

U.S. Caribbean, 21 cells

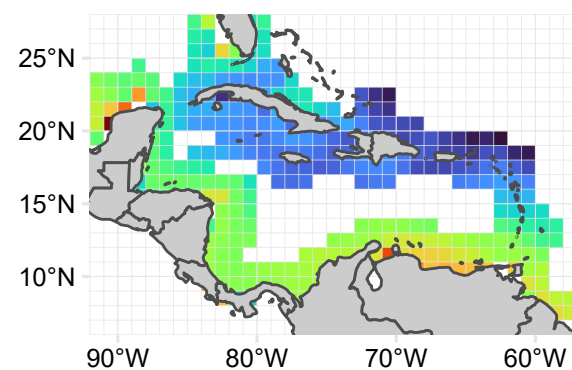
**D****E****F**Standardized  
anomaly  
msstg**G****H****I**

**A**

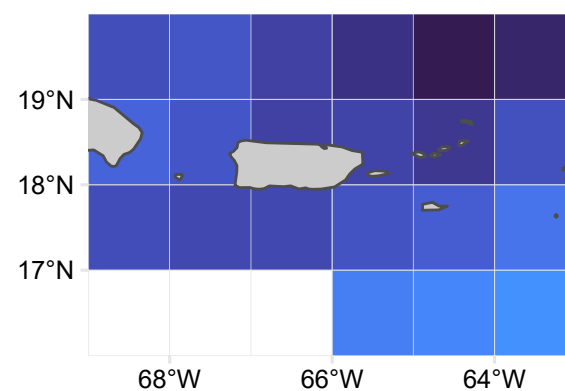
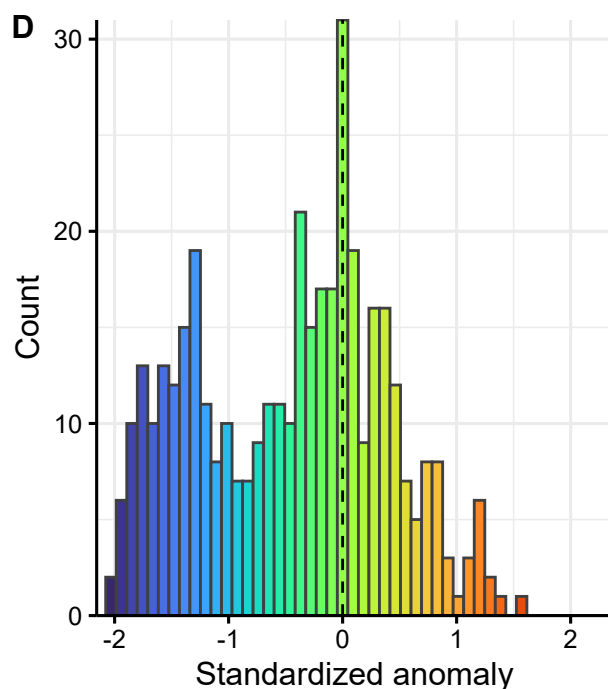
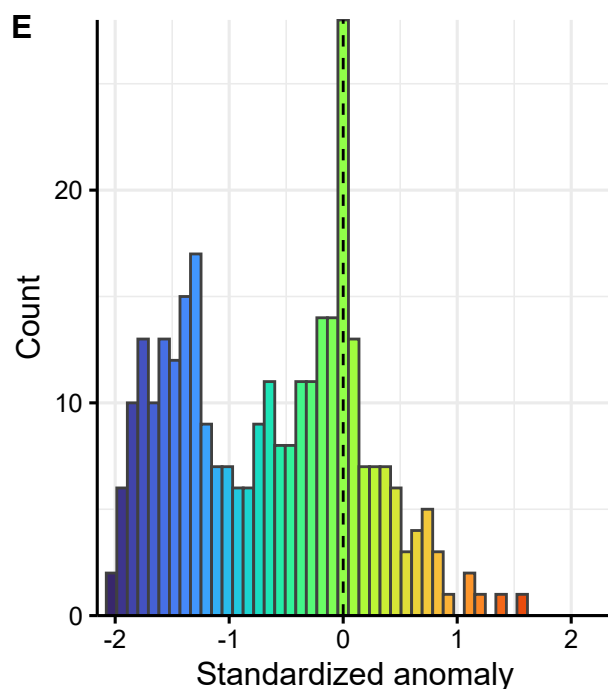
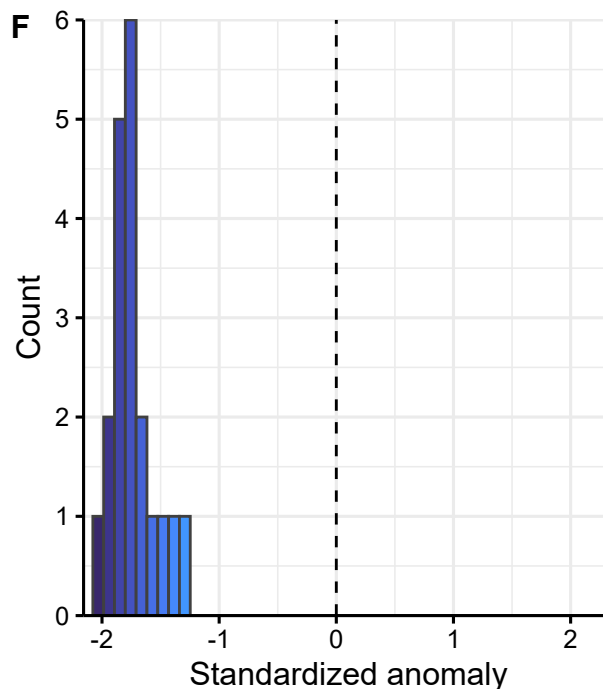
W. Atlantic range, 408 cells

**B**

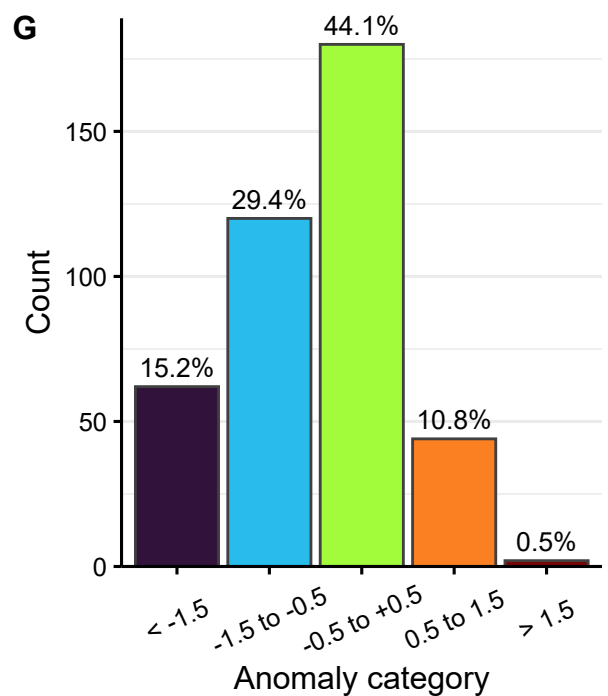
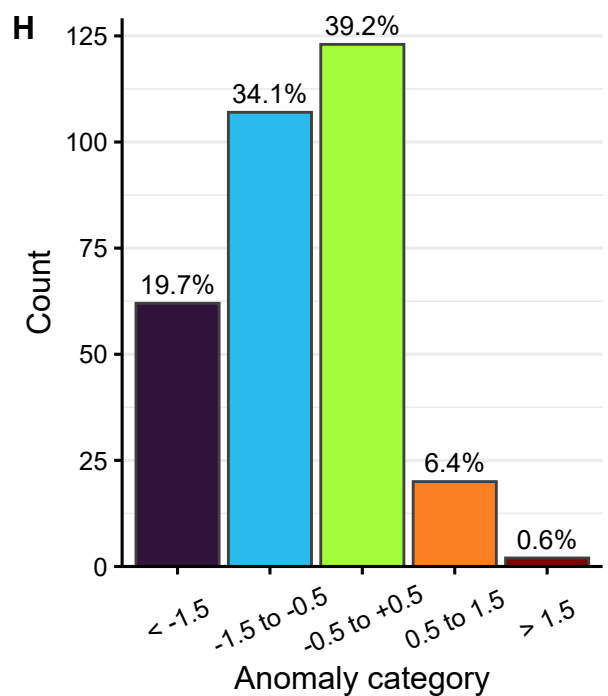
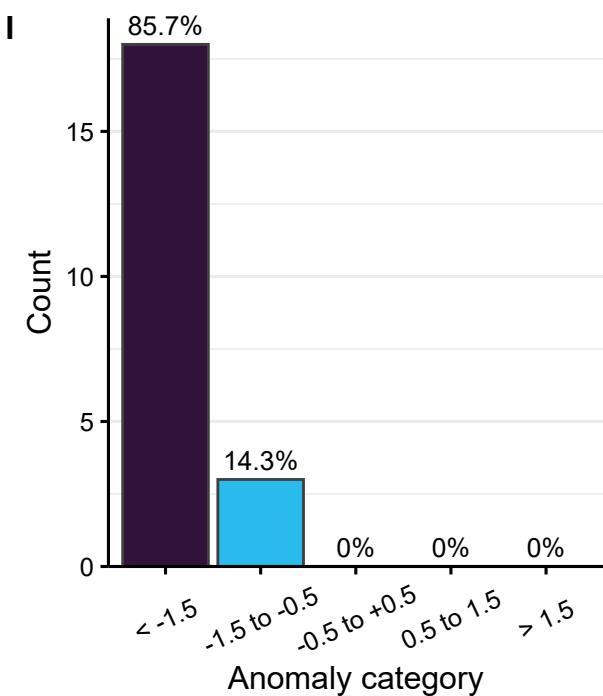
Caribbean Sea, 314 cells

**C**Spe: Red Grouper  
Exp: o200

U.S. Caribbean, 21 cells

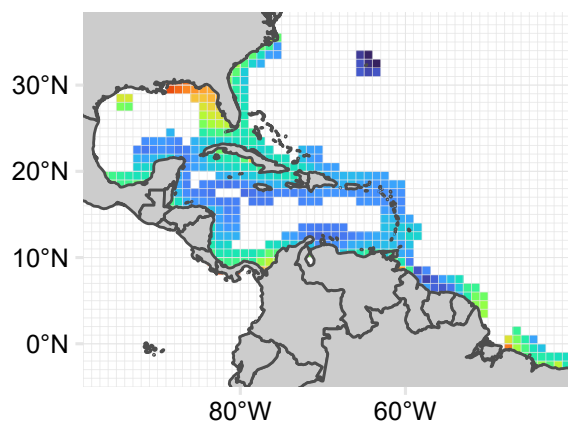
**D****E****F**

Standardized  
anomaly  
o200

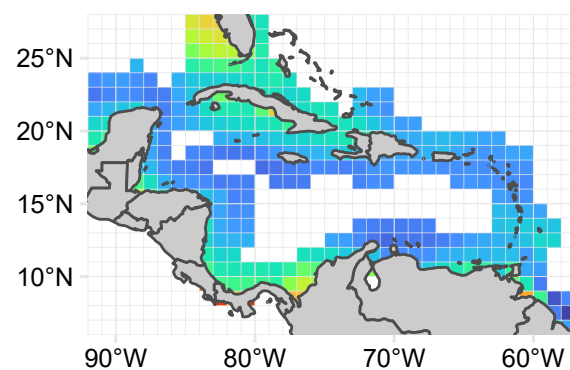
**G****H****I**

**A**

W. Atlantic range, 437 cells

**B**

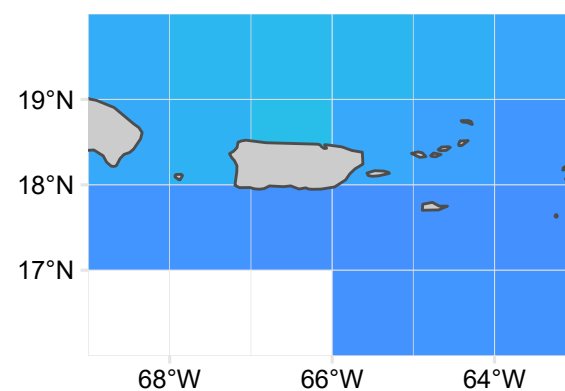
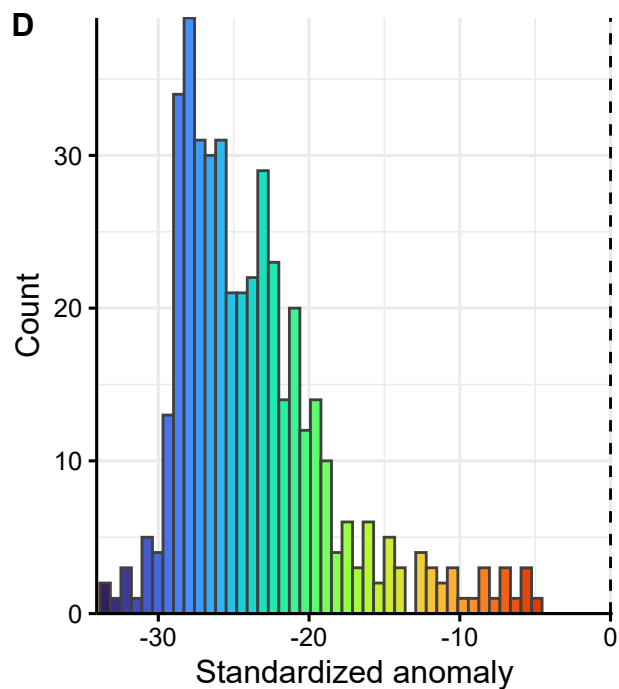
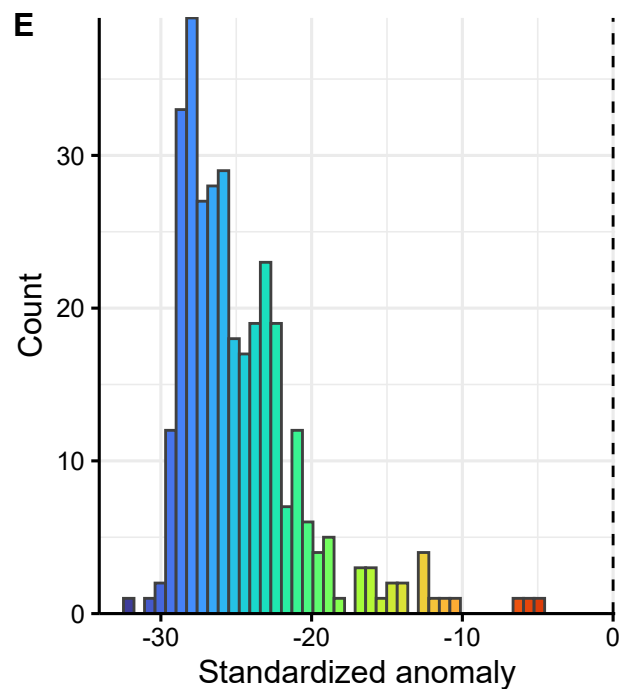
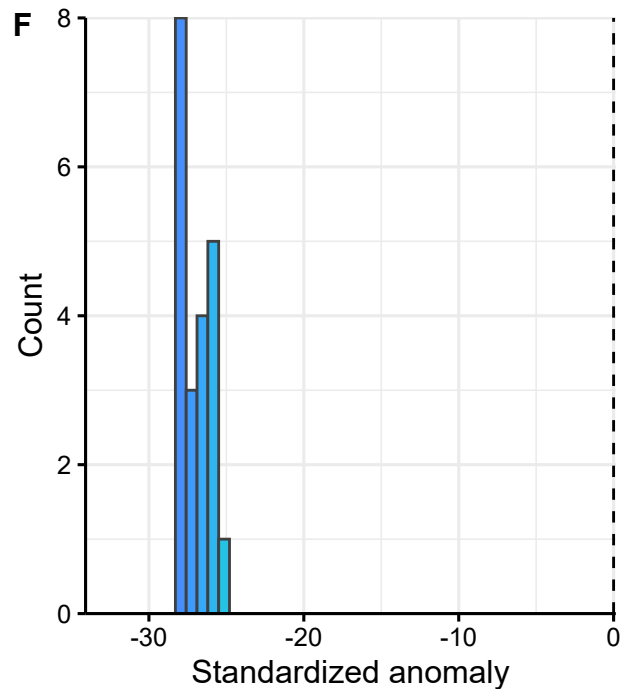
Caribbean Sea, 326 cells

**C**

Spe: Red Grouper

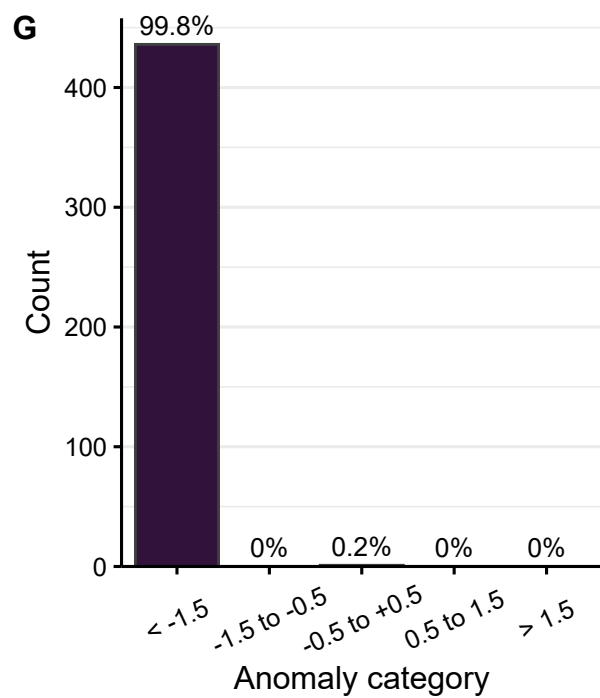
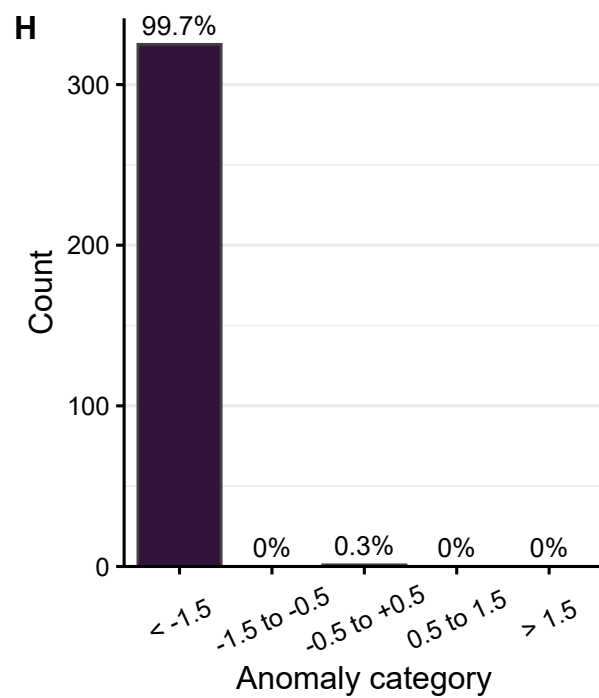
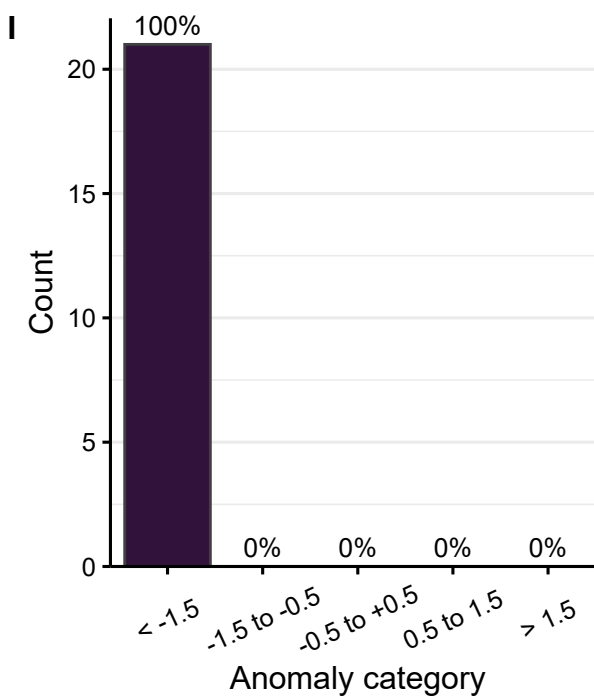
Exp: ph

U.S. Caribbean, 21 cells

**D****E****F**

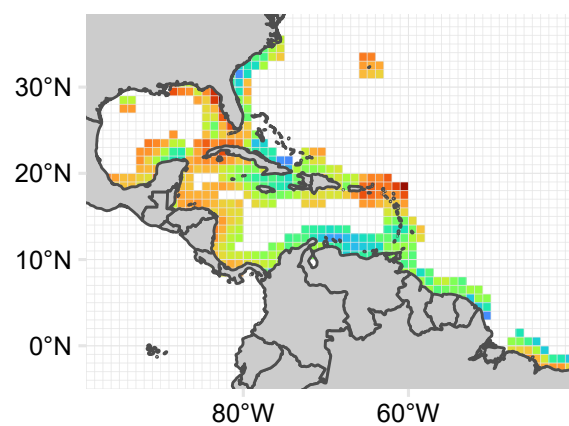
Standardized  
anomaly  
ph

0  
-10  
-20  
-30

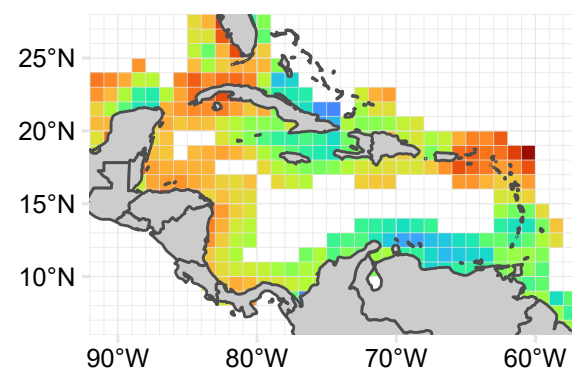
**G****H****I**

**A**

W. Atlantic range, 437 cells

**B**

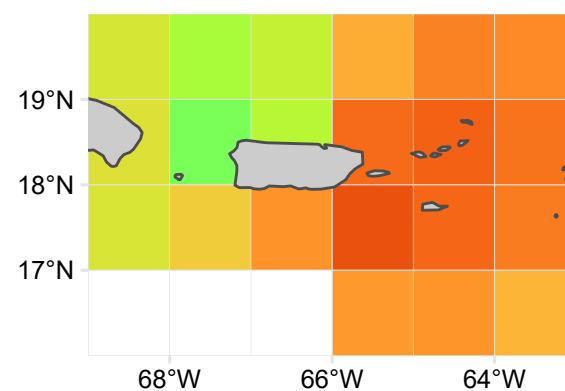
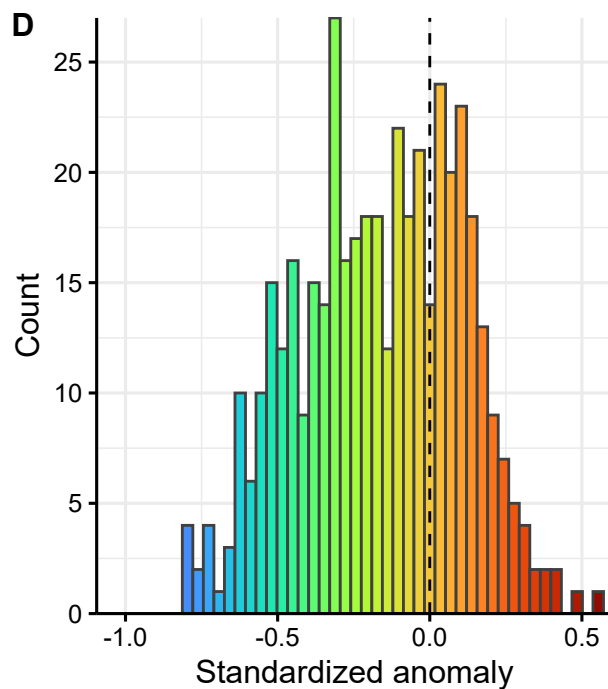
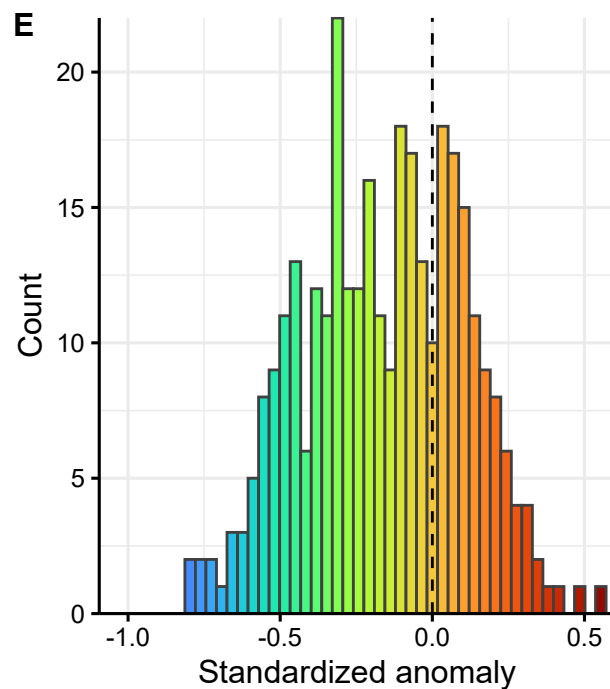
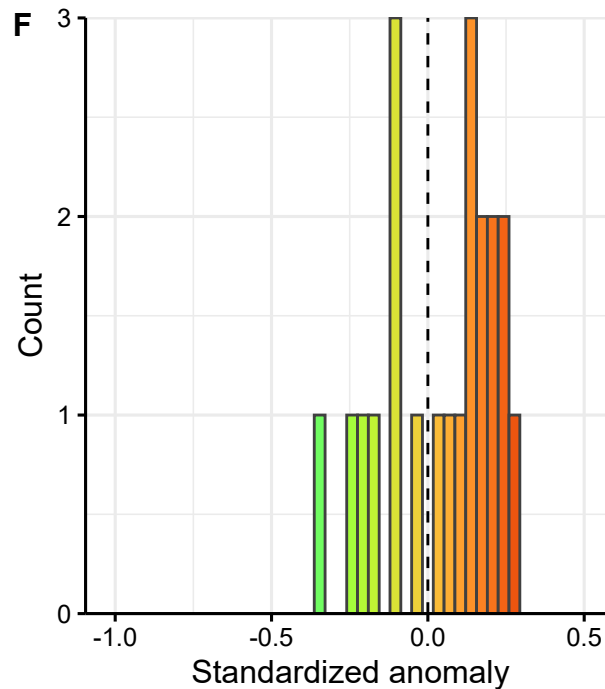
Caribbean Sea, 326 cells

**C**

Spe: Red Grouper

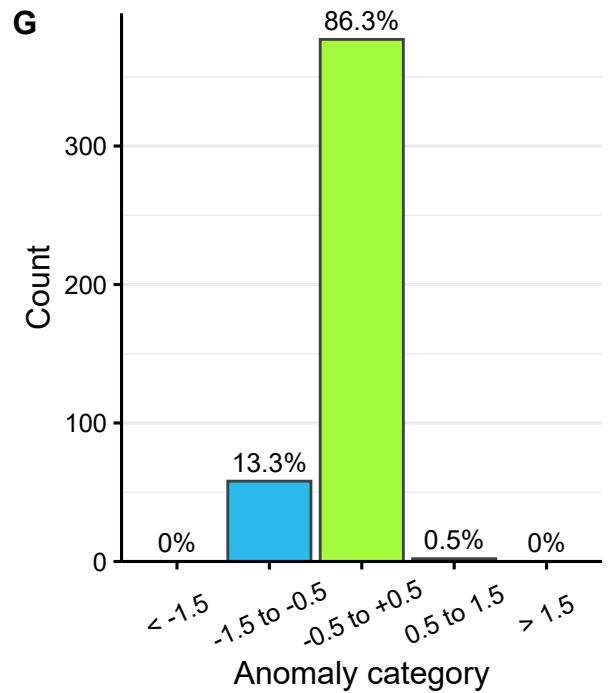
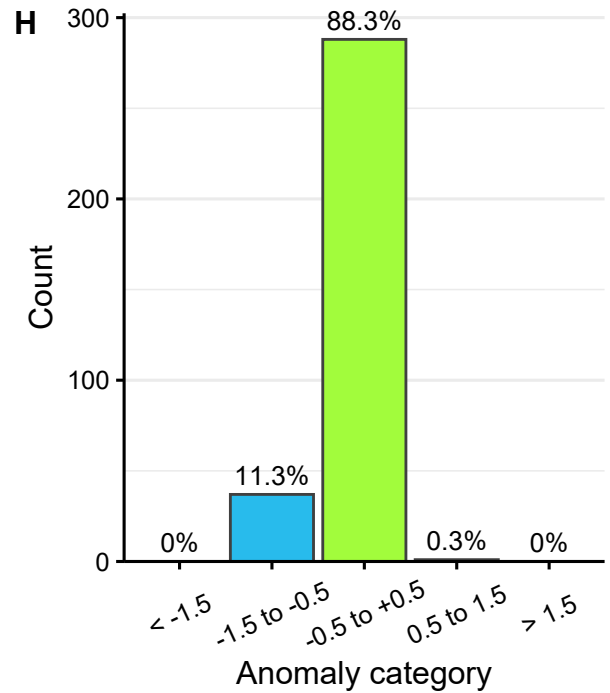
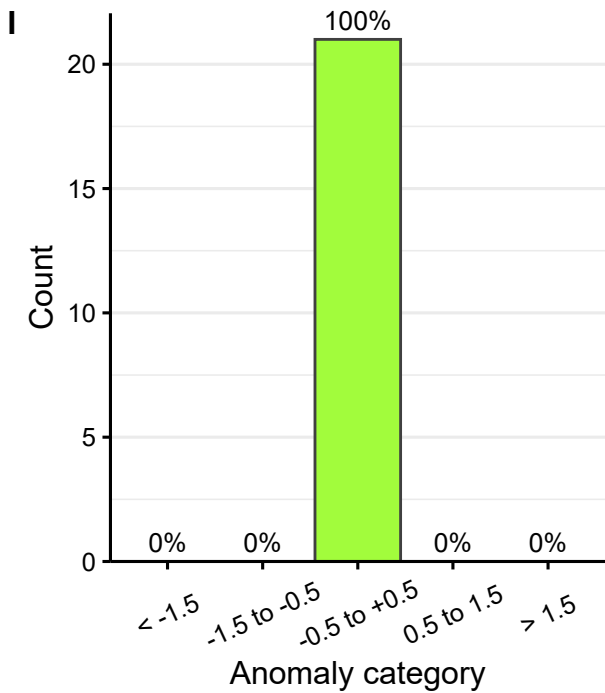
Exp: pp

U.S. Caribbean, 21 cells

**D****E****F**

Standardized  
anomaly  
pp

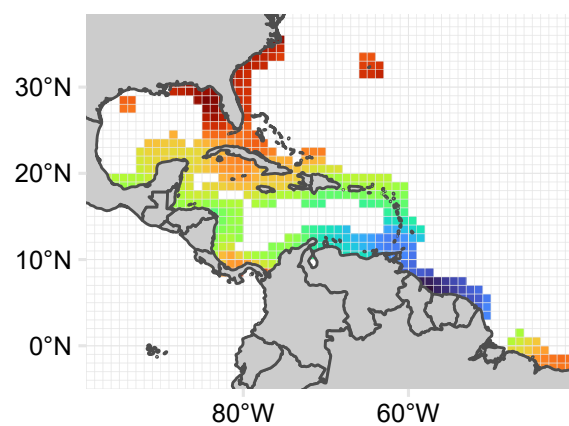
-1.0  
-0.5  
0.0  
0.5

**G****H****I**

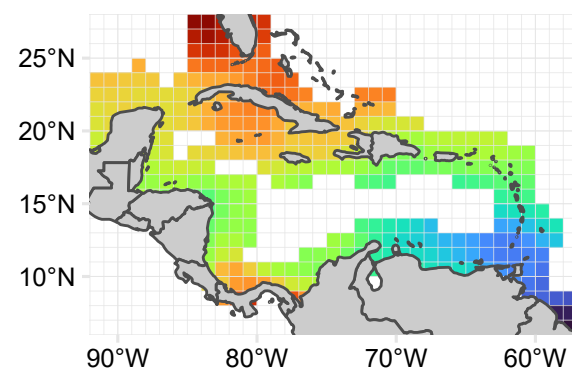


**A**

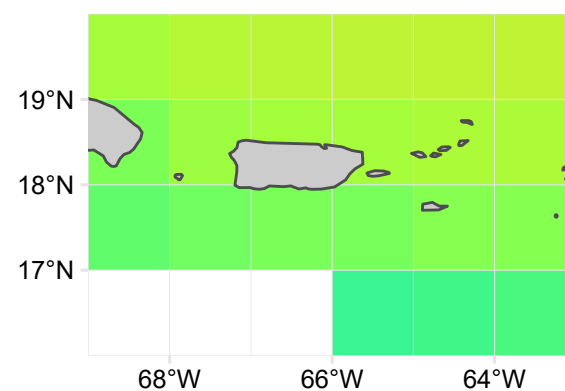
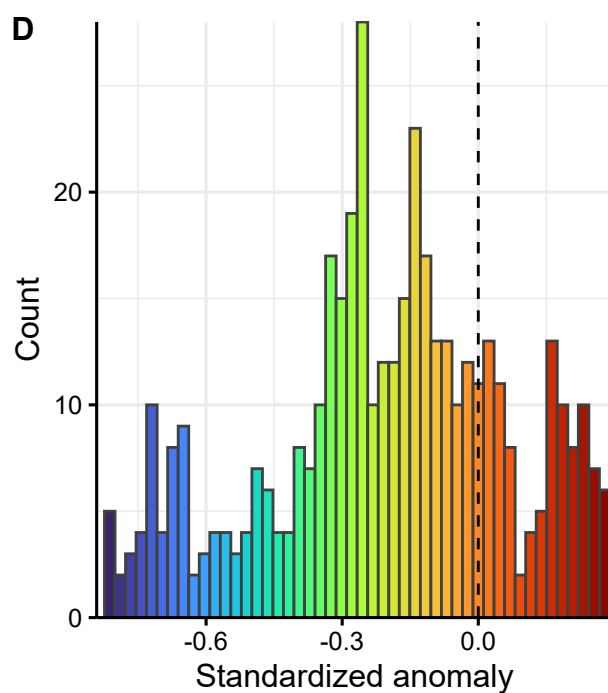
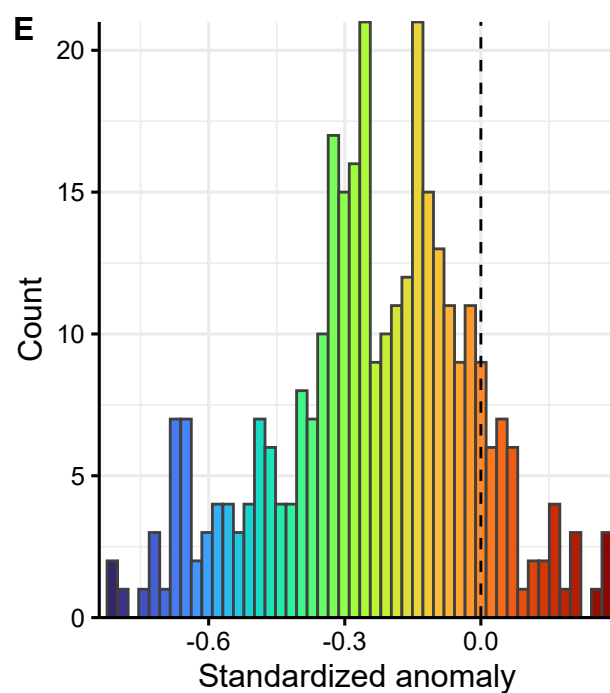
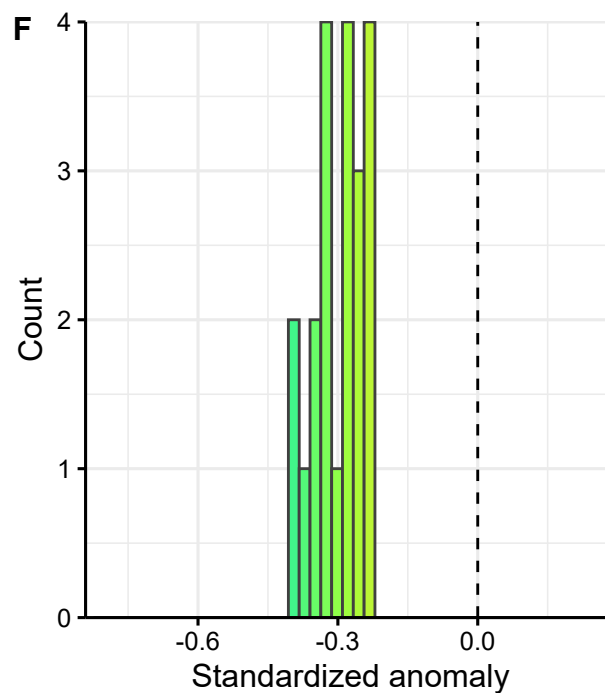
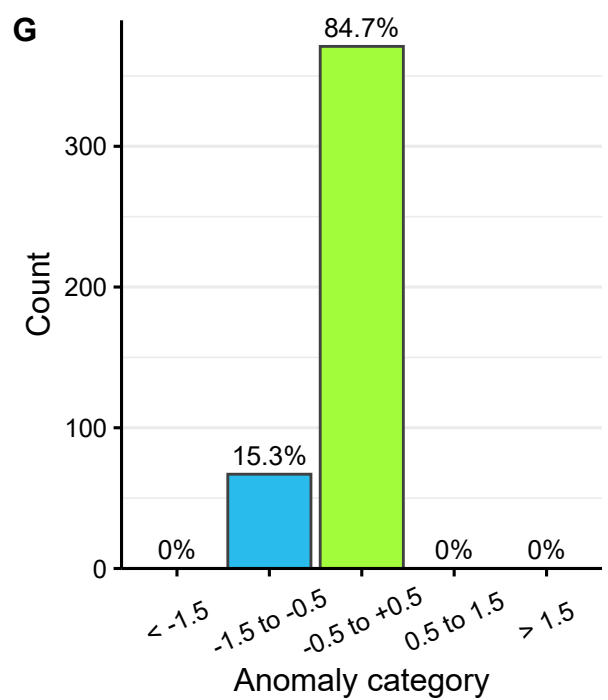
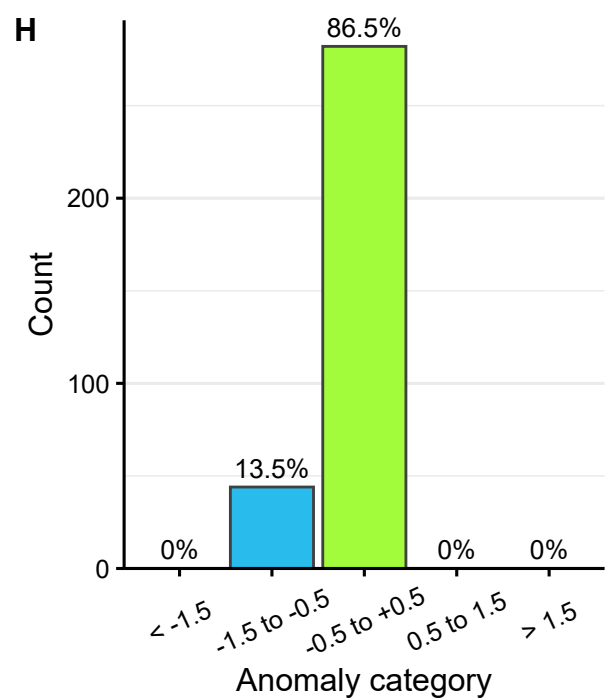
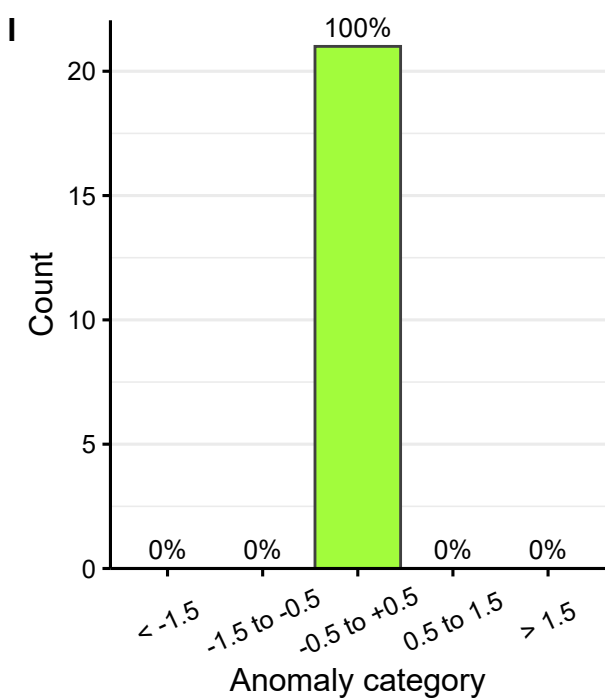
W. Atlantic range, 438 cells

**B**

Caribbean Sea, 326 cells

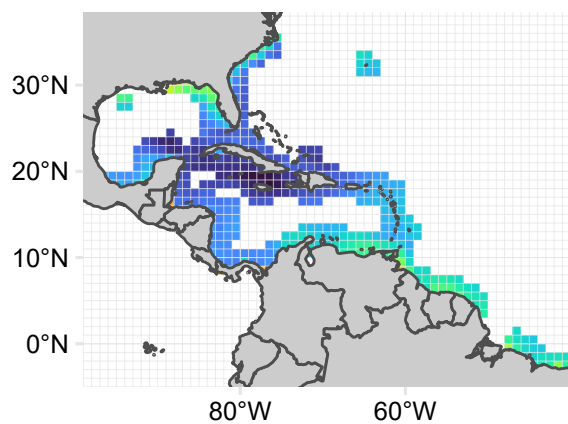
**C**Spe: Red Grouper  
Exp: precip

U.S. Caribbean, 21 cells

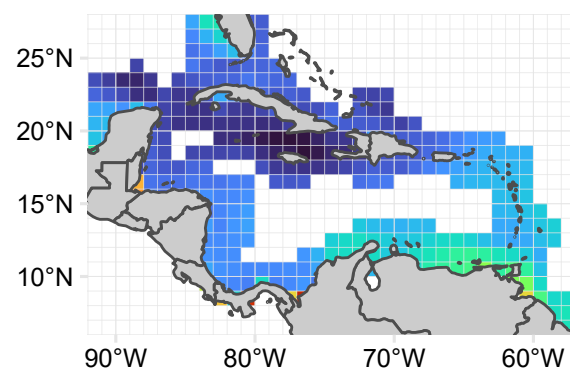
**D****E****F**Standardized  
anomaly  
precip0.0  
-0.3  
-0.6**G****H****I**

**A**

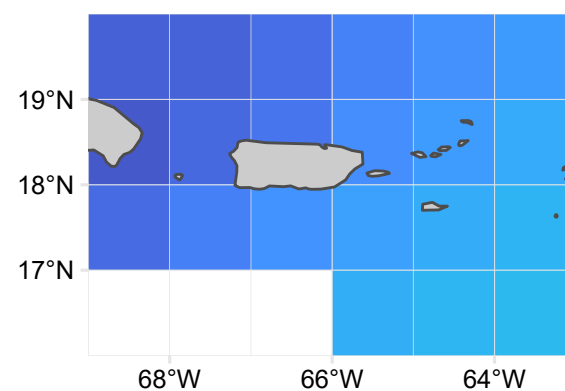
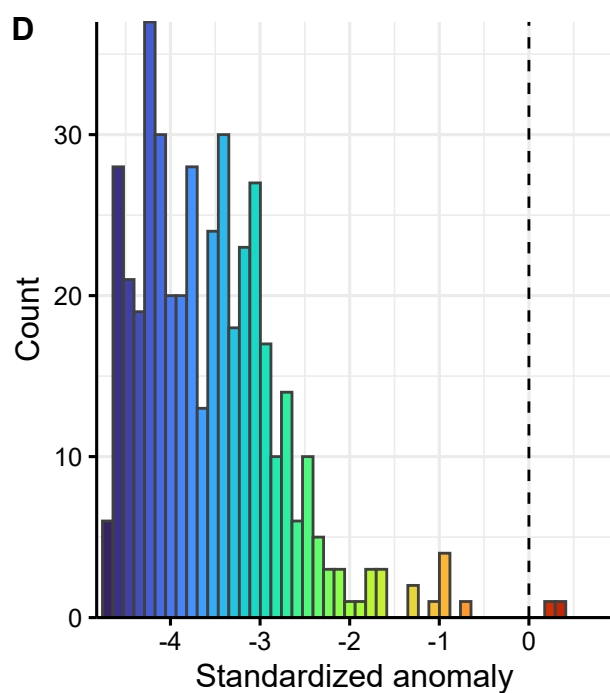
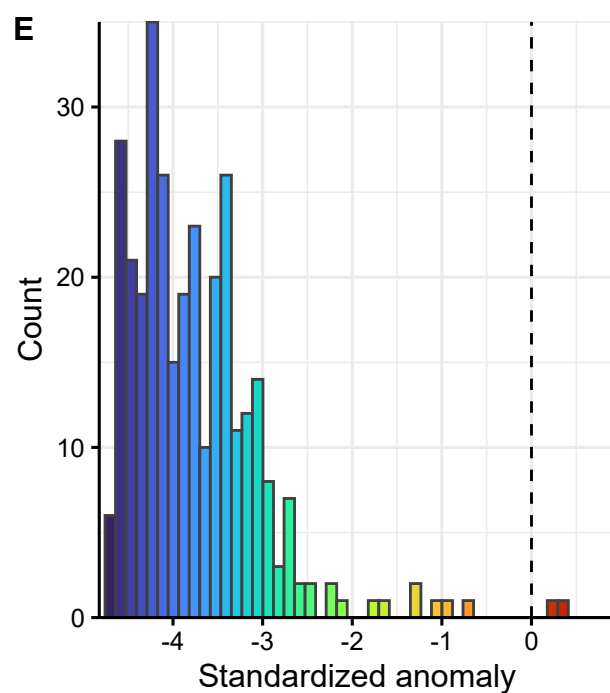
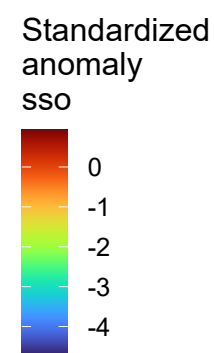
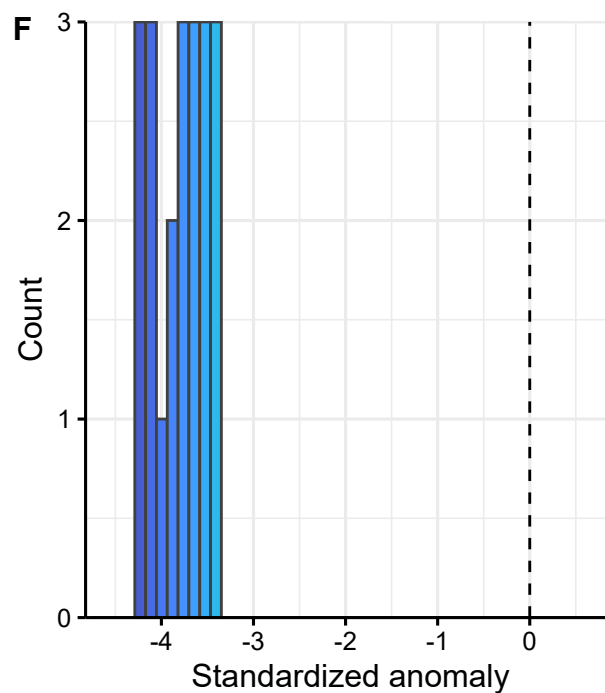
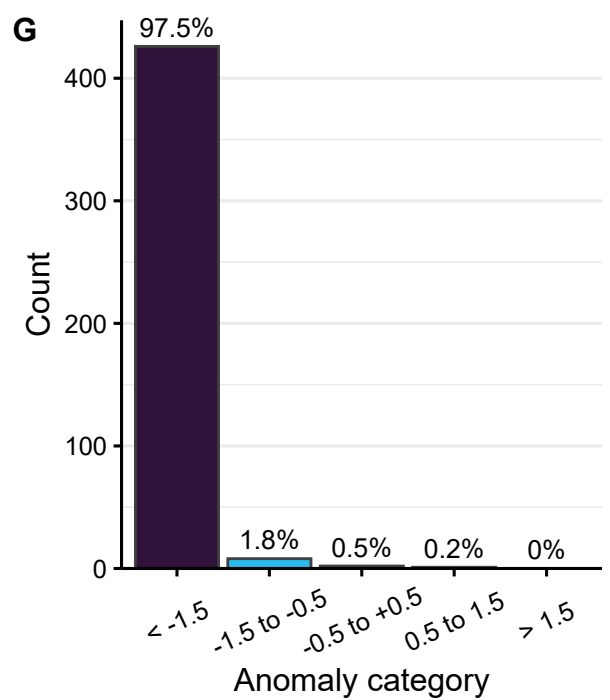
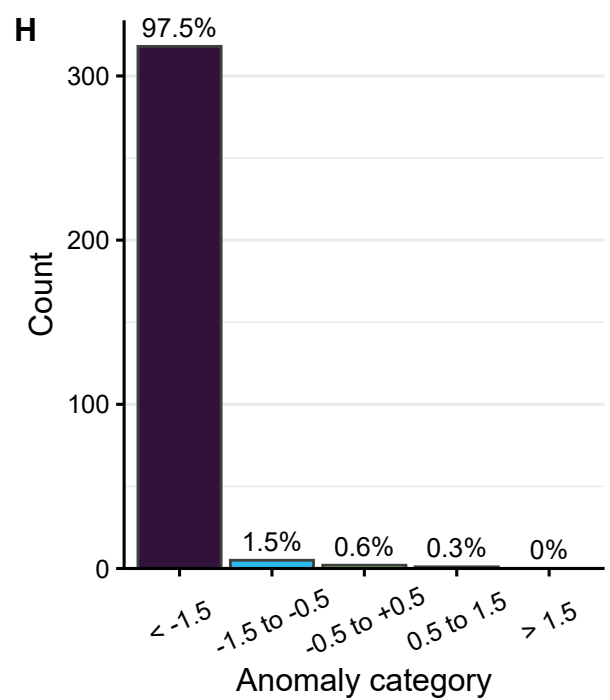
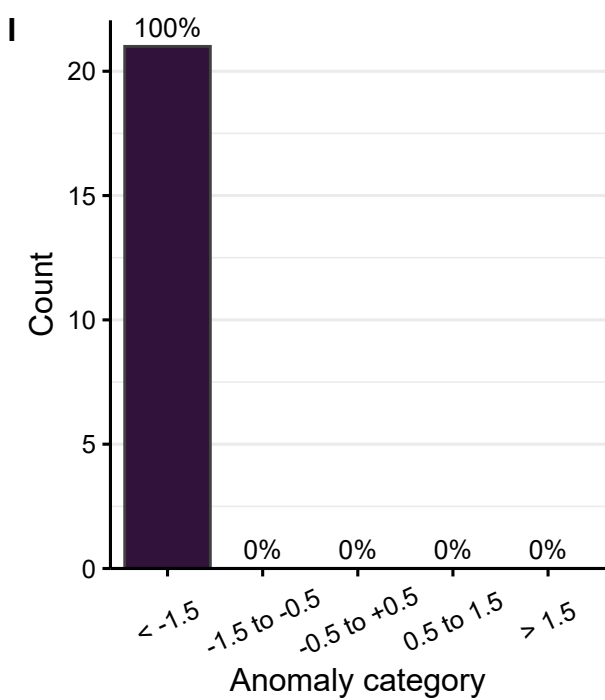
W. Atlantic range, 437 cells

**B**

Caribbean Sea, 326 cells

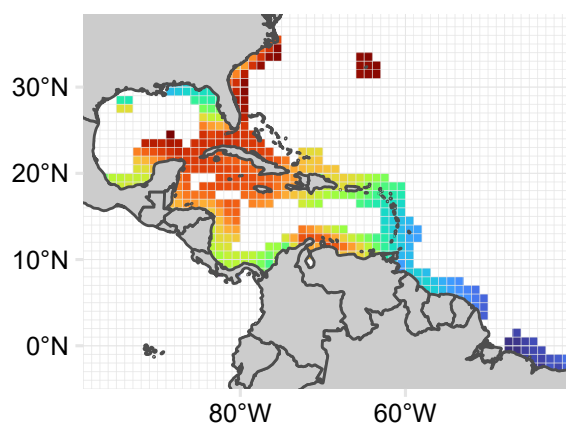
**C**Spe: Red Grouper  
Exp: sso

U.S. Caribbean, 21 cells

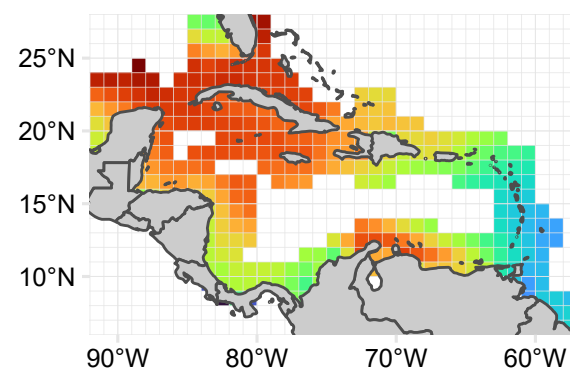
**D****E****F****G****H****I**

**A**

W. Atlantic range, 437 cells

**B**

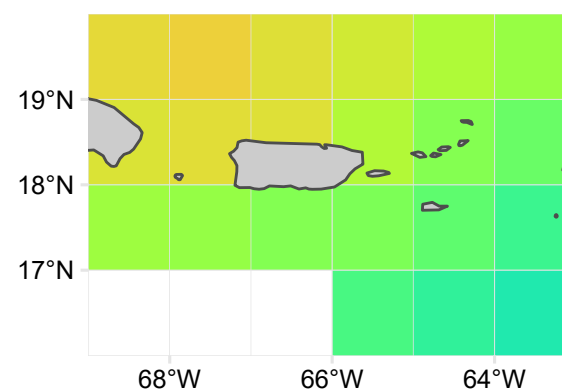
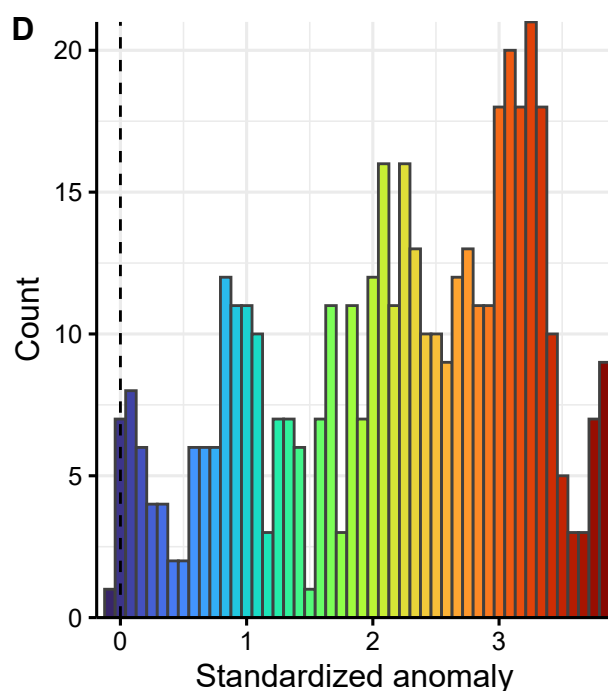
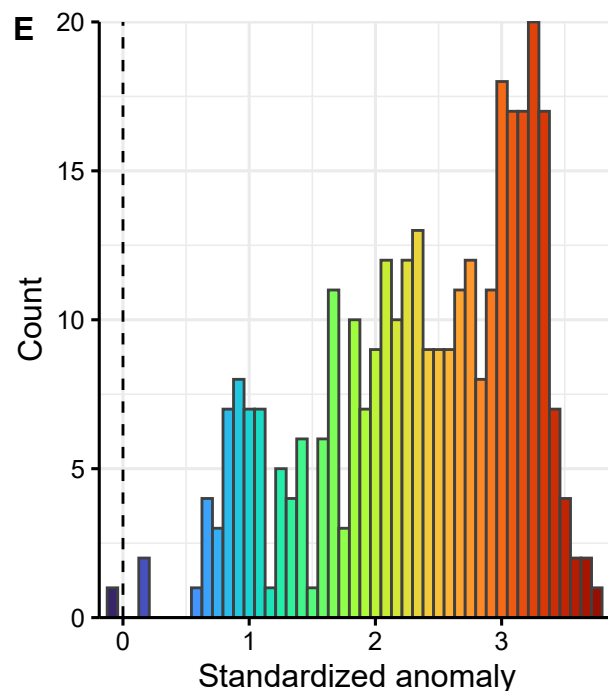
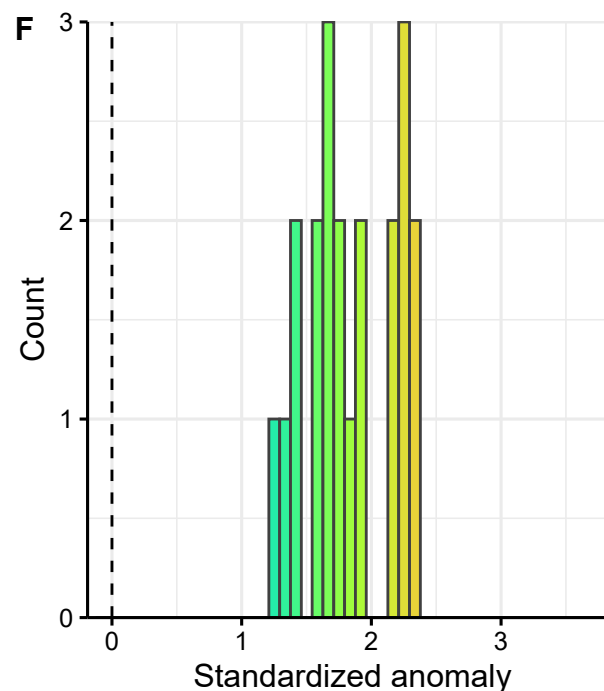
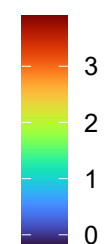
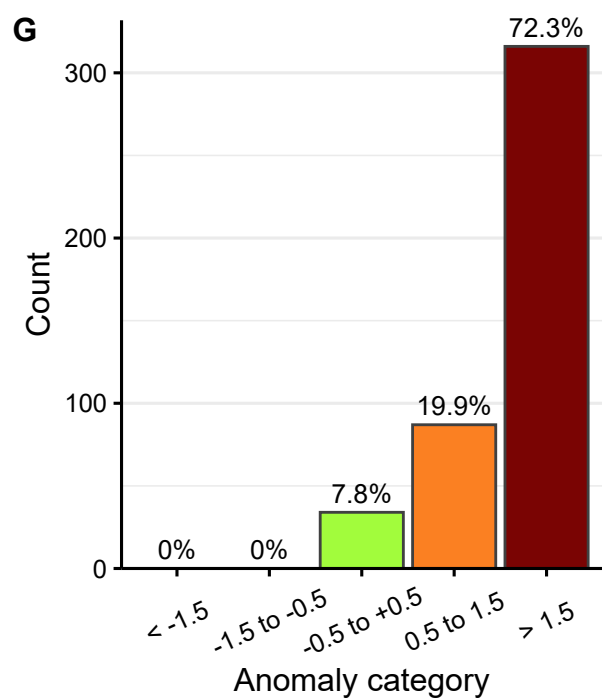
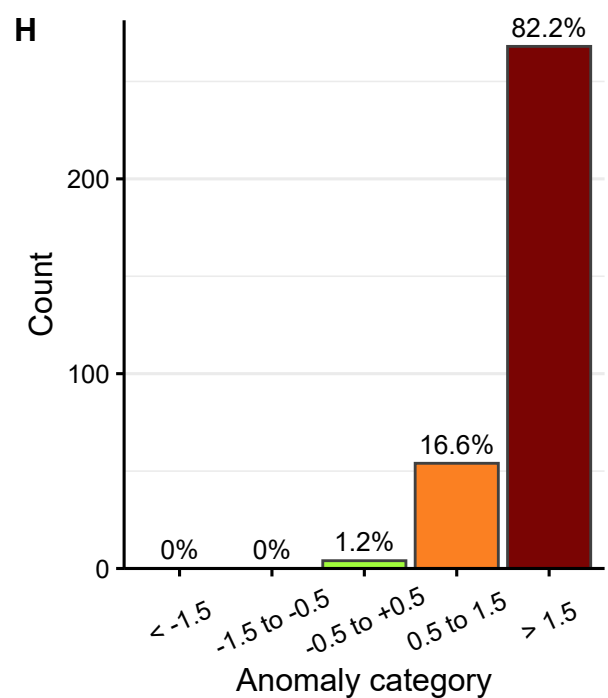
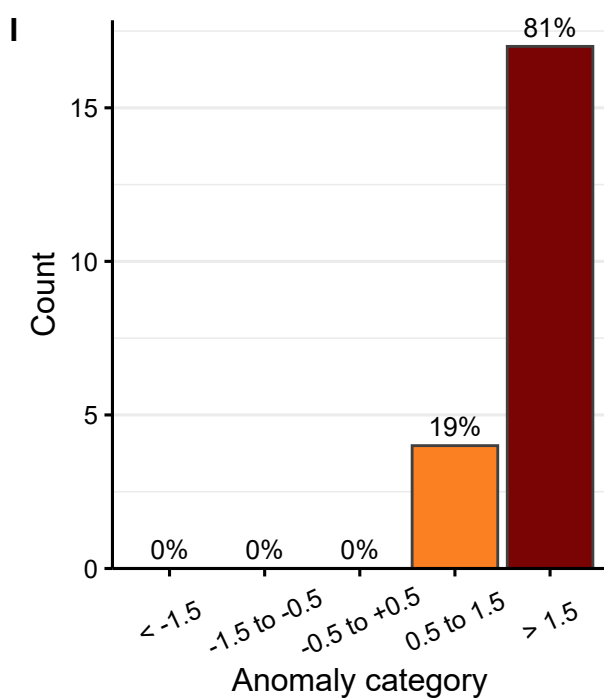
Caribbean Sea, 326 cells

**C**

Spe: Red Grouper

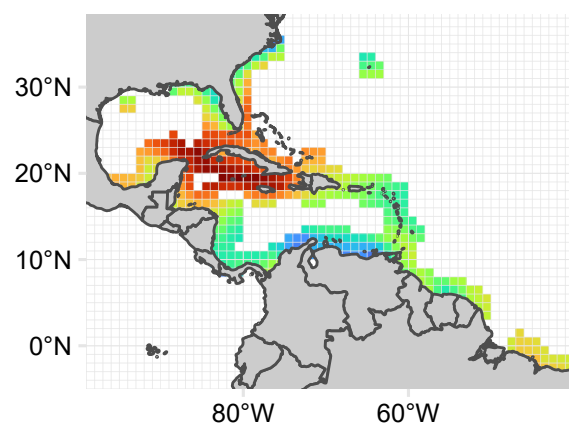
Exp: sss

U.S. Caribbean, 21 cells

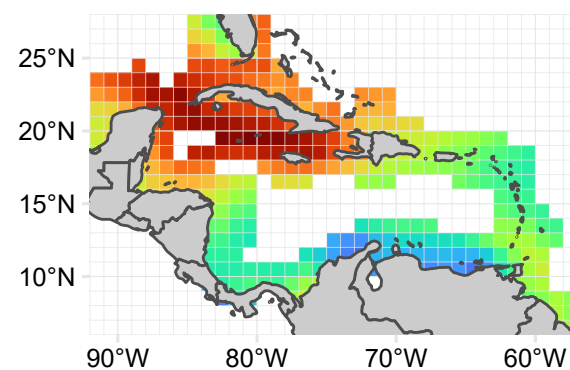
**D****E****F**Standardized  
anomaly  
sss**G****H****I**

**A**

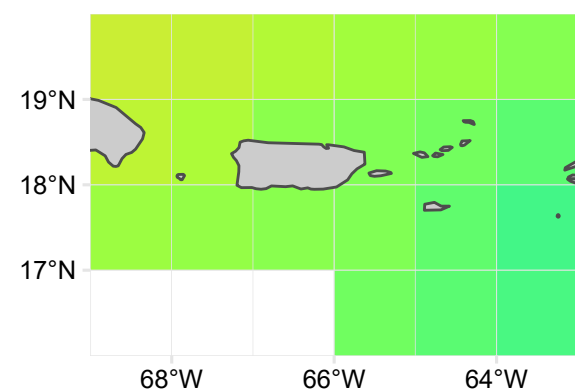
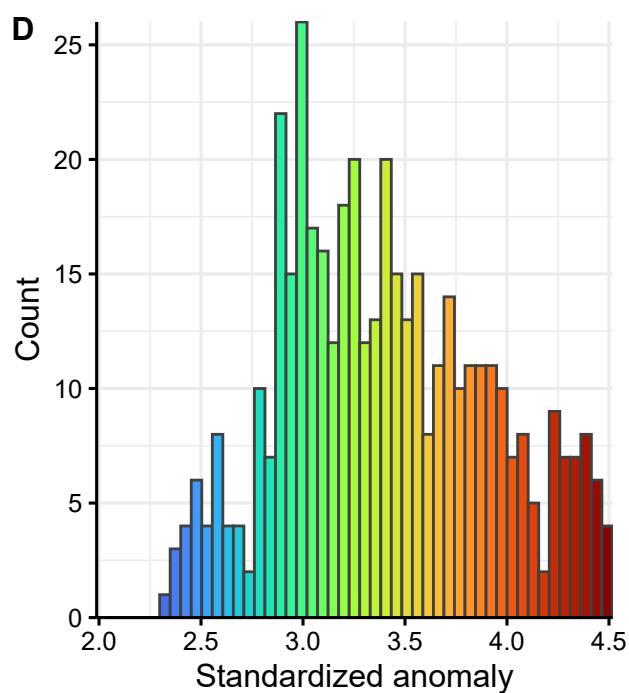
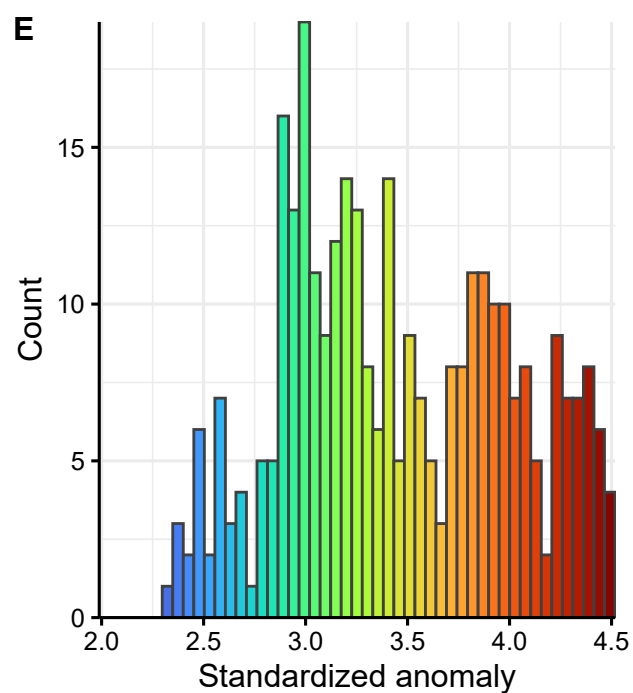
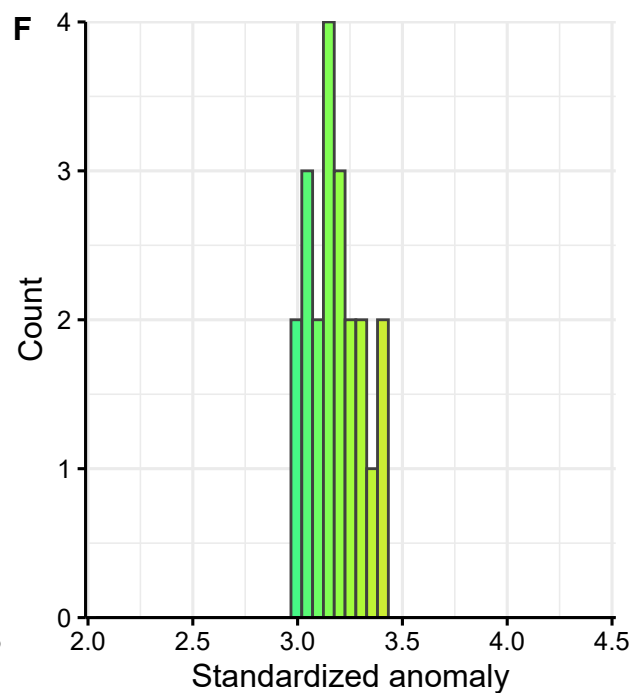
W. Atlantic range, 438 cells

**B**

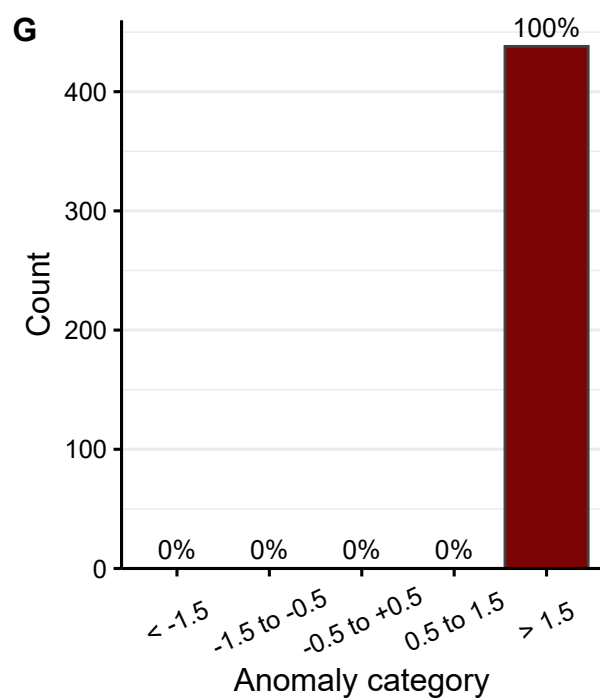
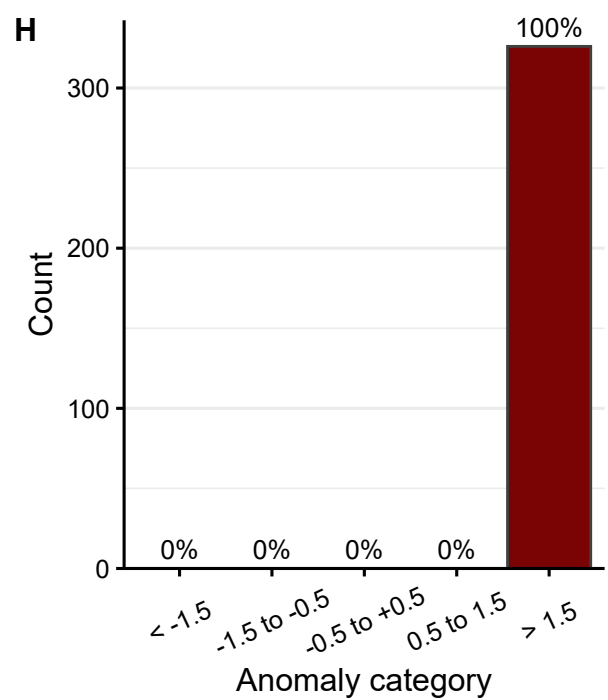
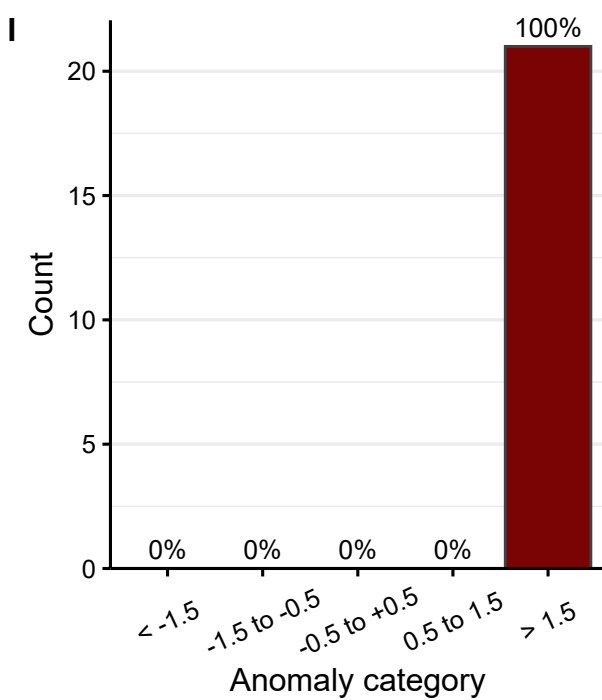
Caribbean Sea, 326 cells

**C**Spe: Red Grouper  
Exp: sst

U.S. Caribbean, 21 cells

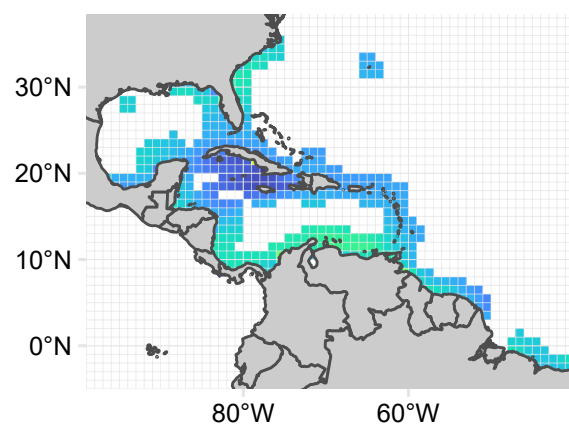
**D****E****F**Standardized  
anomaly  
sst  

Standardized  
anomaly  
sst  
4.5  
4.0  
3.5  
3.0  
2.5  
2.0

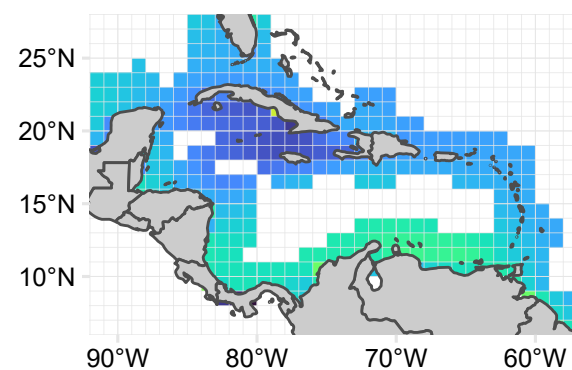
**G****H****I**

**A**

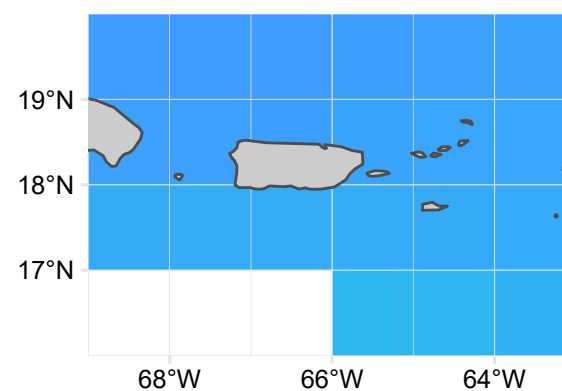
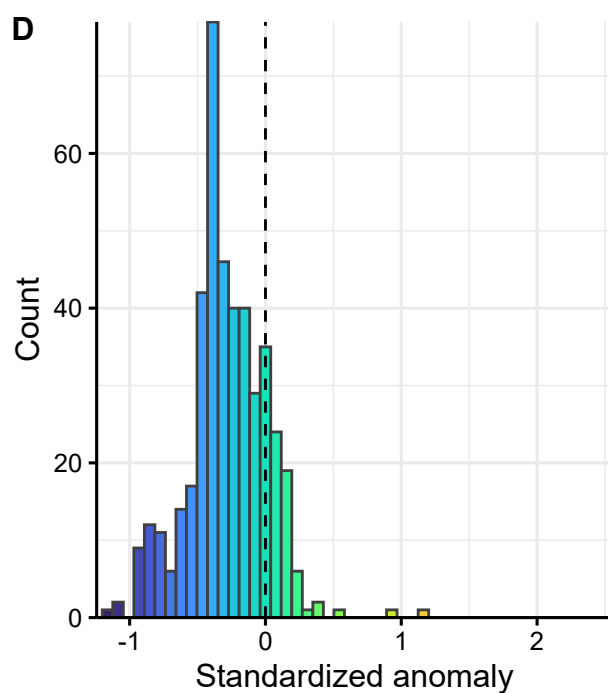
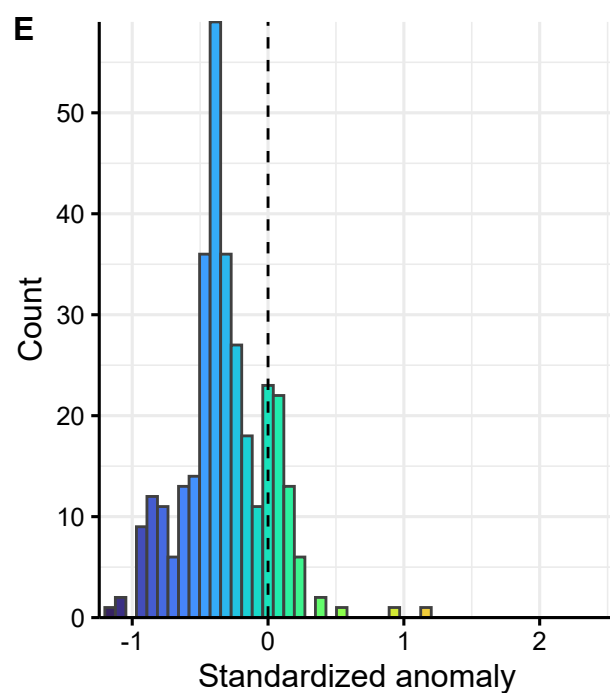
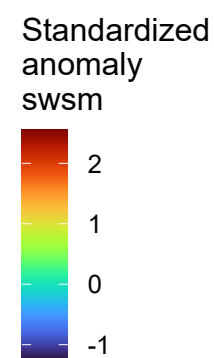
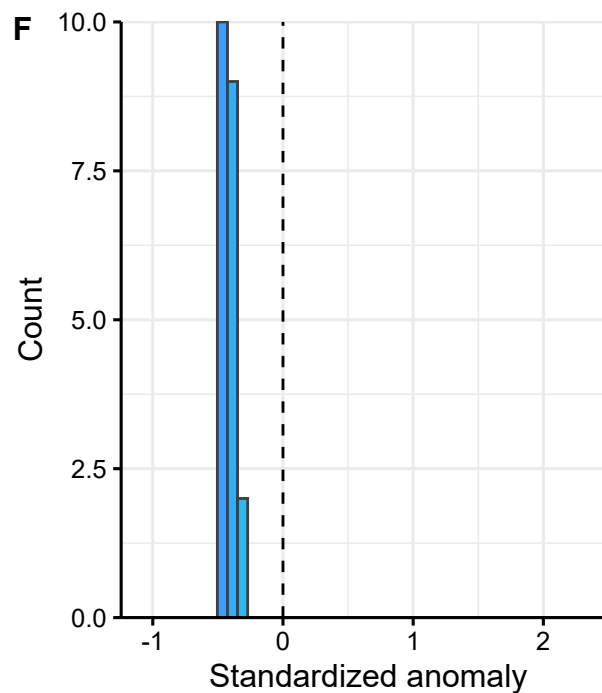
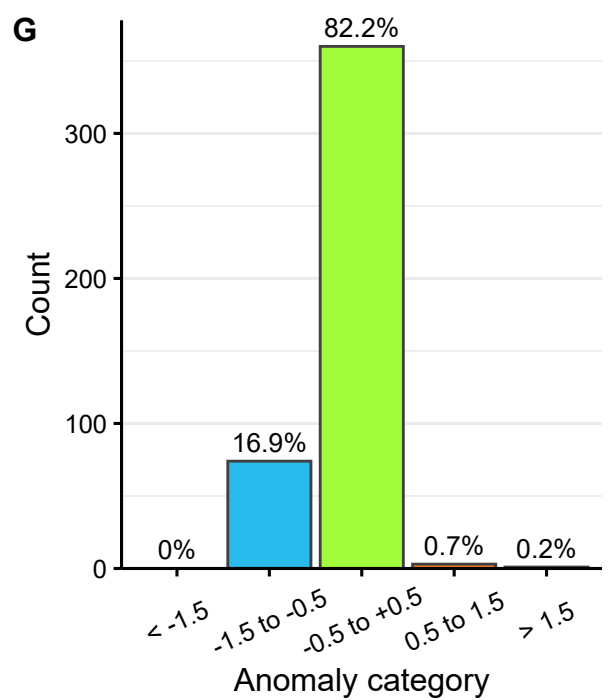
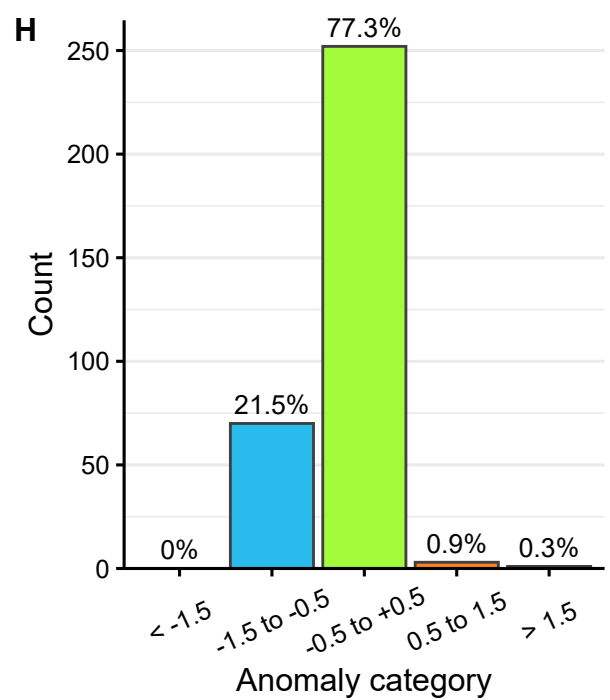
W. Atlantic range, 438 cells

**B**

Caribbean Sea, 326 cells

**C**Spe: Red Grouper  
Exp: swsm

U.S. Caribbean, 21 cells

**D****E****F****G****H****I**