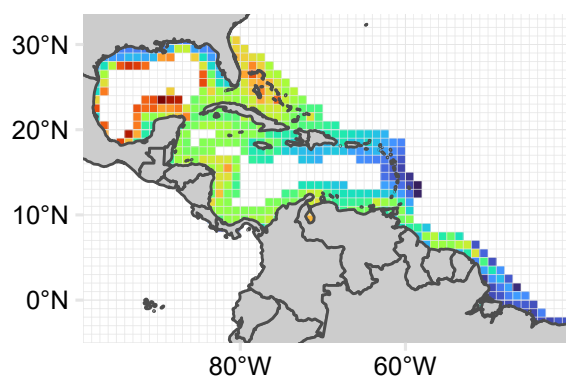
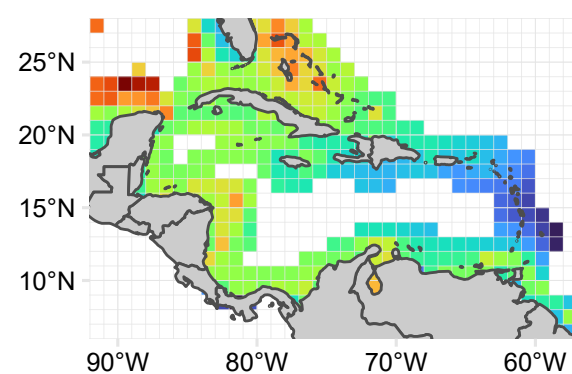


**A**

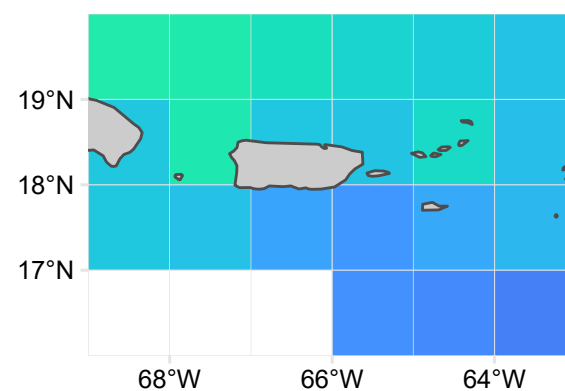
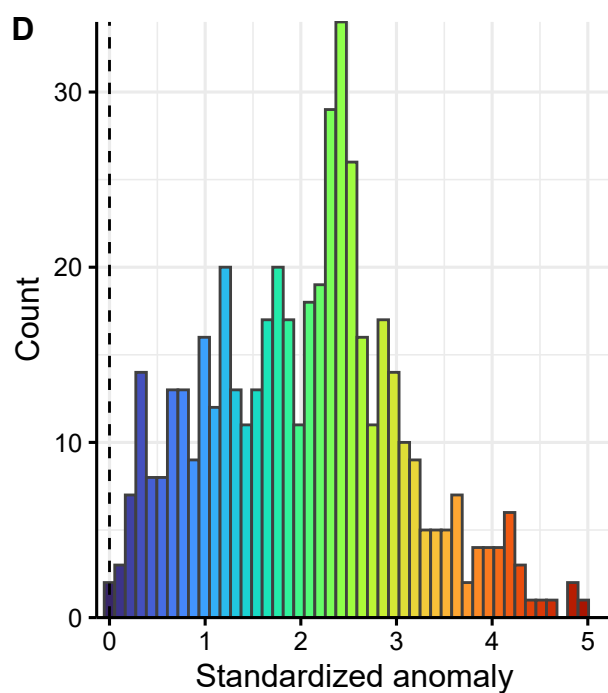
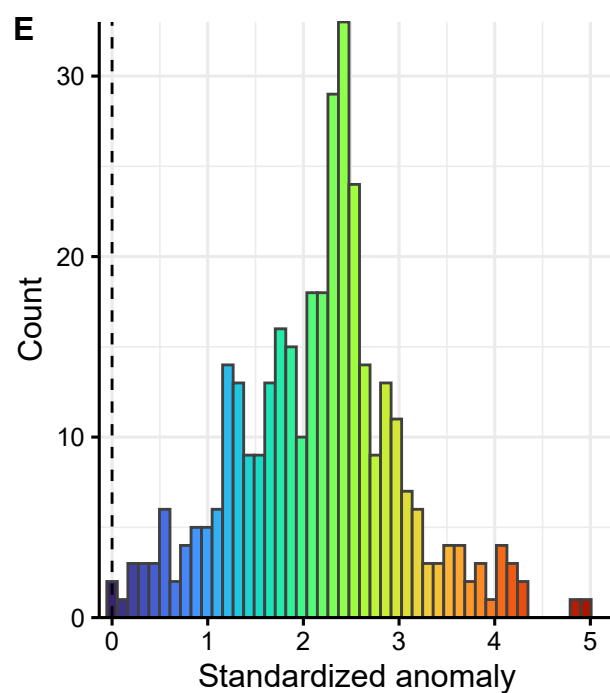
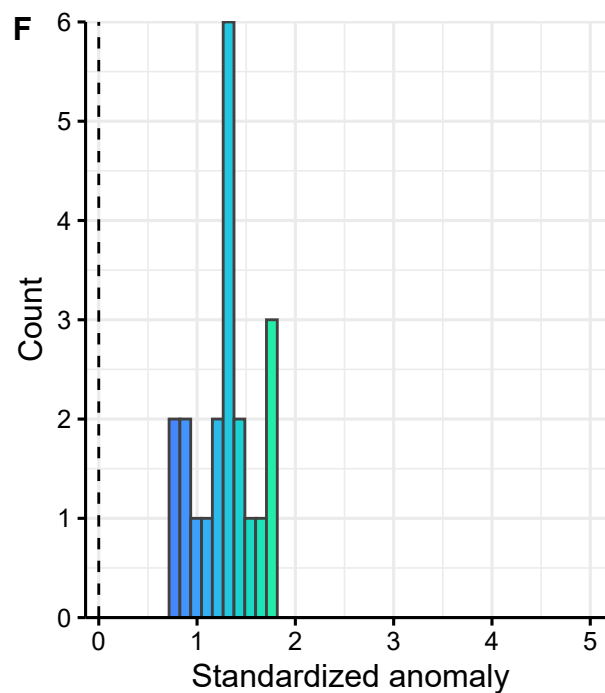
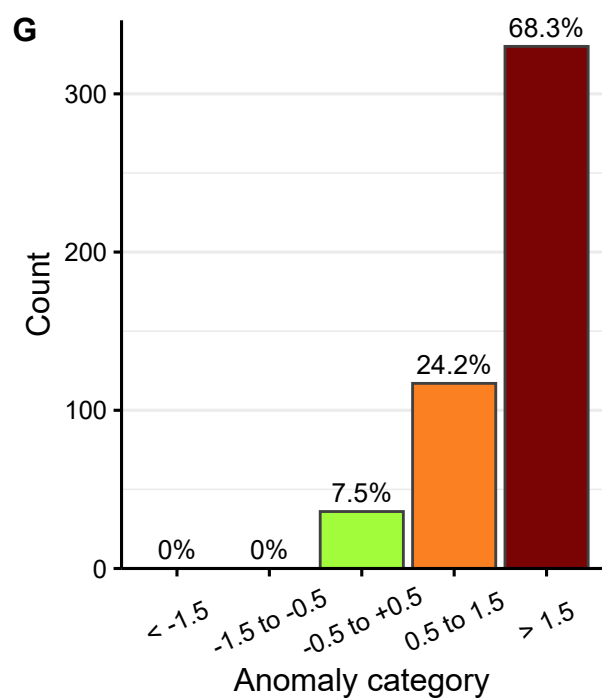
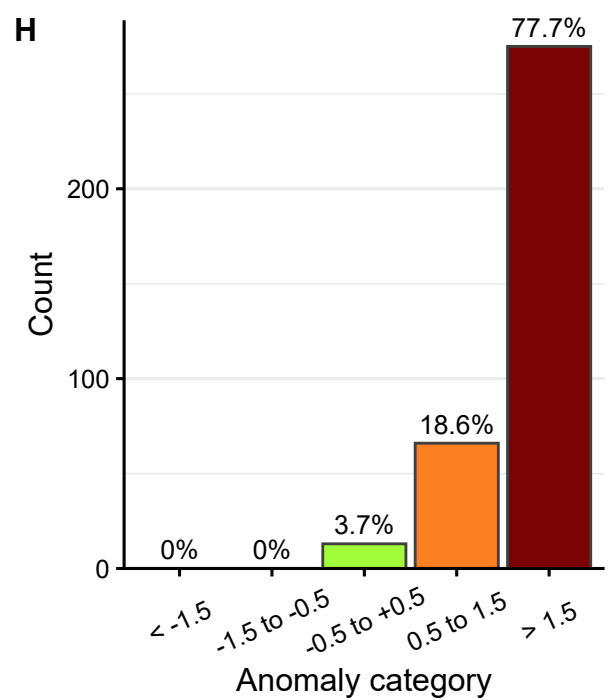
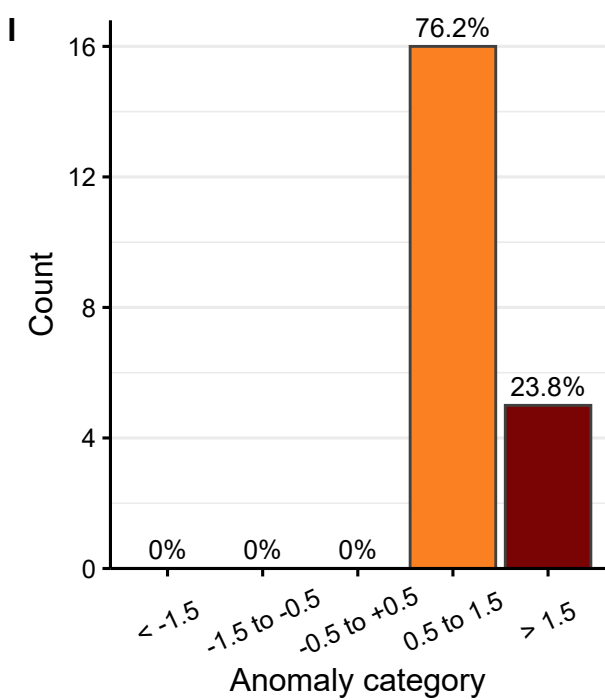
W. Atlantic range, 483 cells

**B**

Caribbean Sea, 354 cells

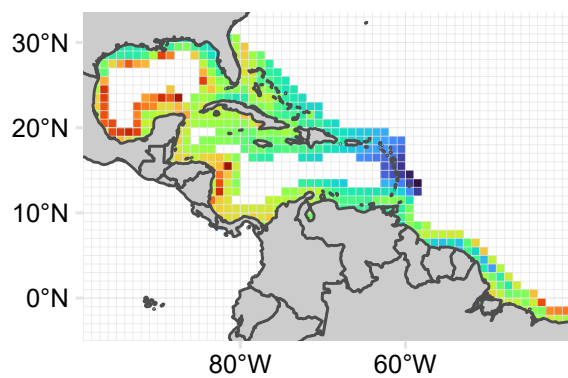
**C**Spe: *Diadema*  
Exp: bs

U.S. Caribbean, 21 cells

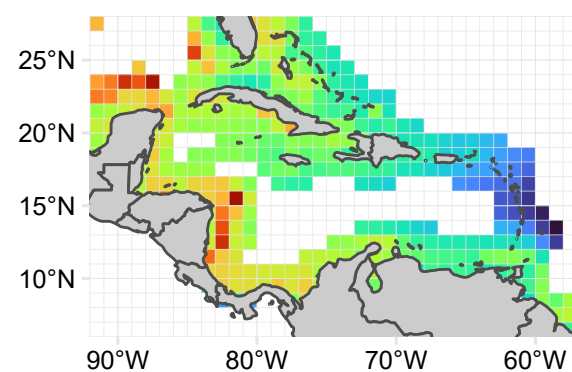
**D****E****F**Standardized  
anomaly  
bs  
5  
4  
3  
2  
1  
0**G****H****I**

**A**

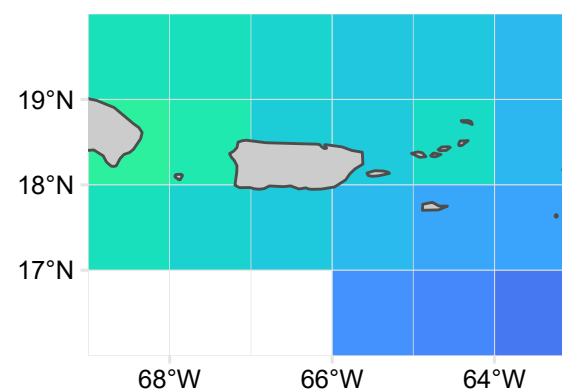
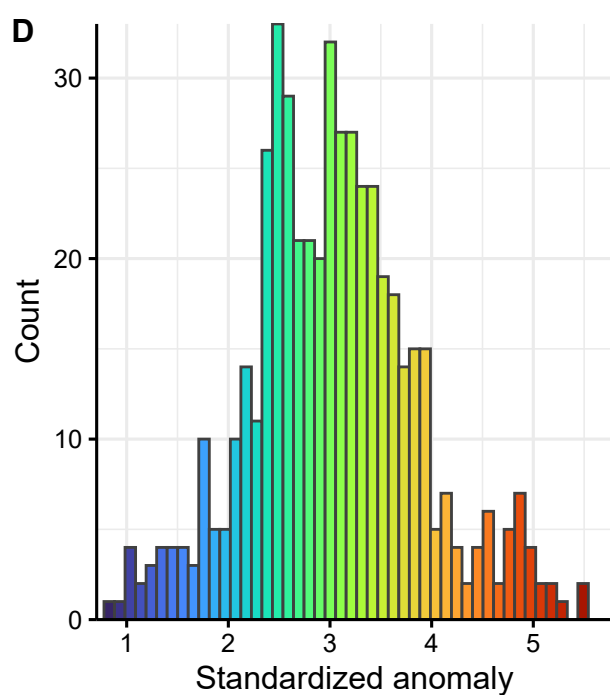
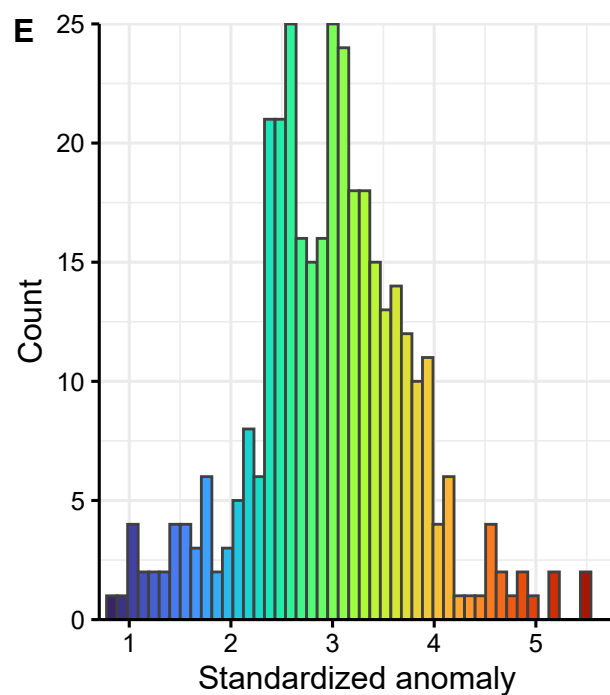
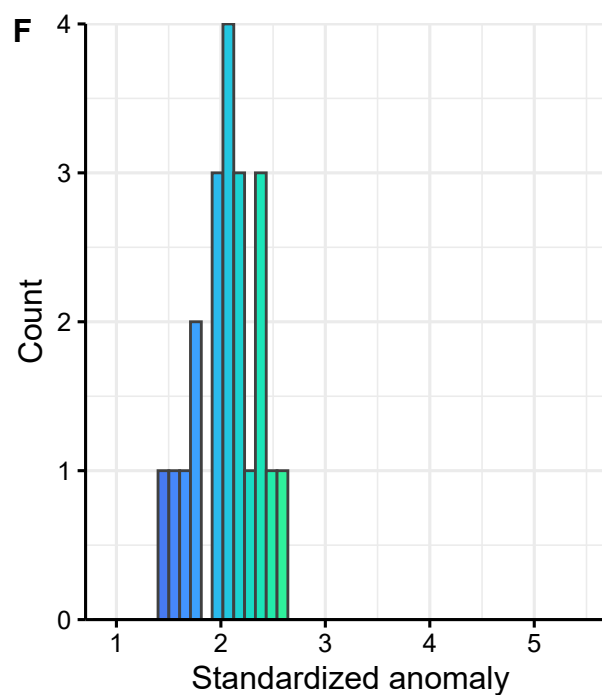
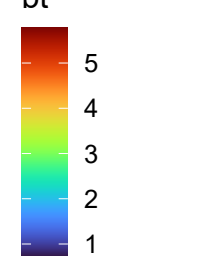
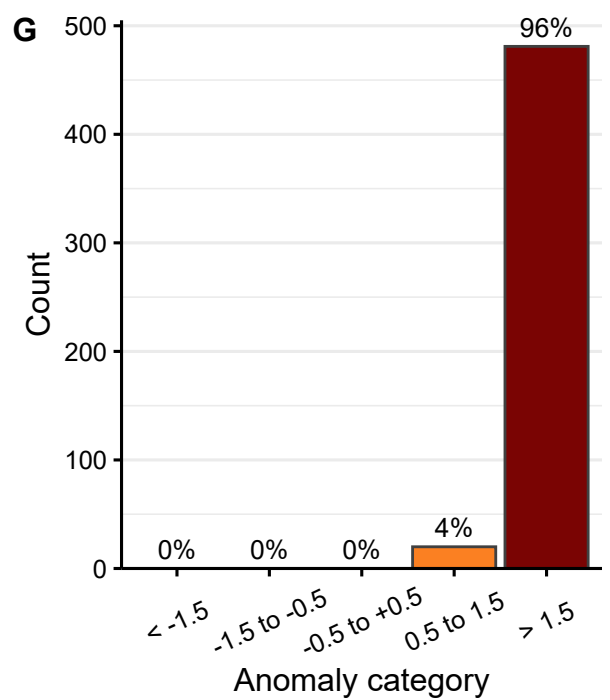
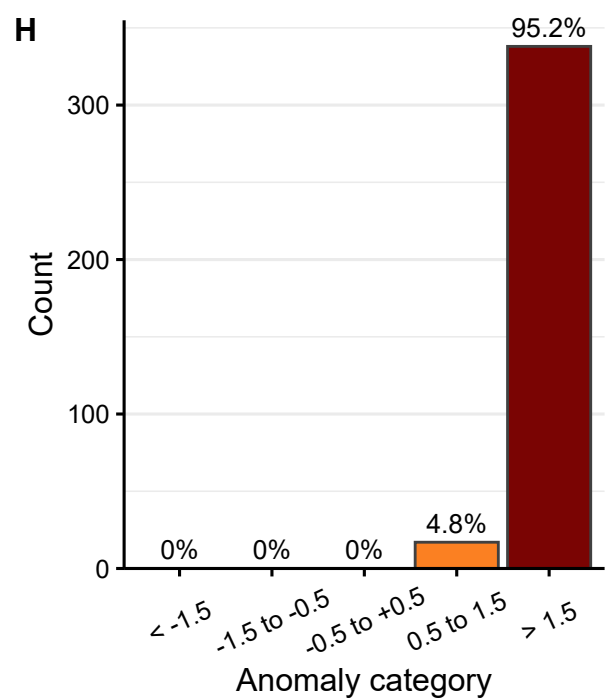
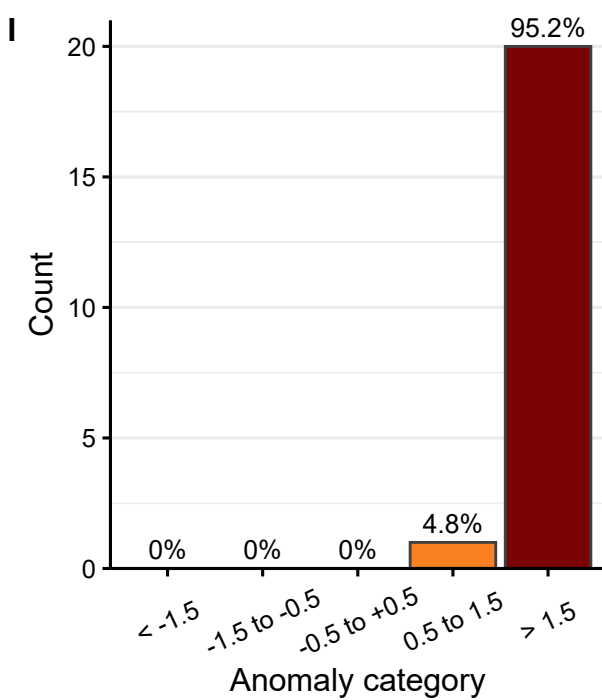
W. Atlantic range, 501 cells

**B**

Caribbean Sea, 355 cells

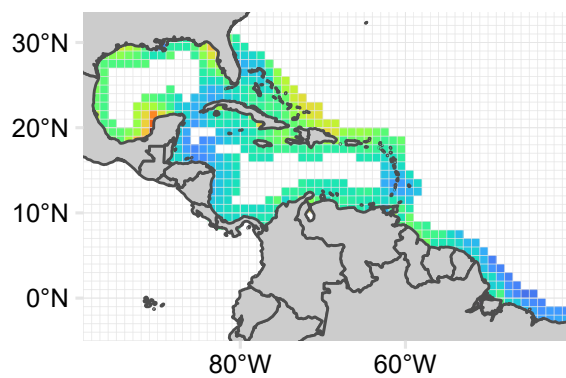
**C**Spe: *Diadema*  
Exp: bt

U.S. Caribbean, 21 cells

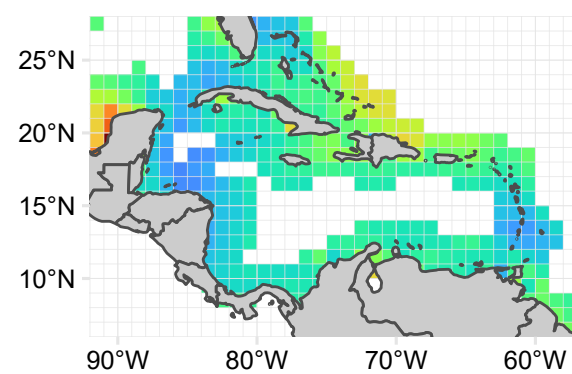
**D****E****F**Standardized  
anomaly  
bt  
**G****H****I**

**A**

W. Atlantic range, 491 cells

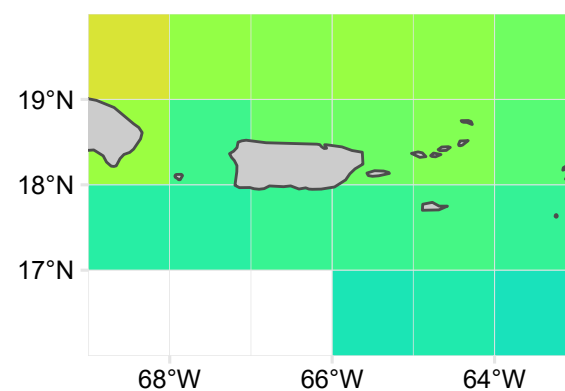
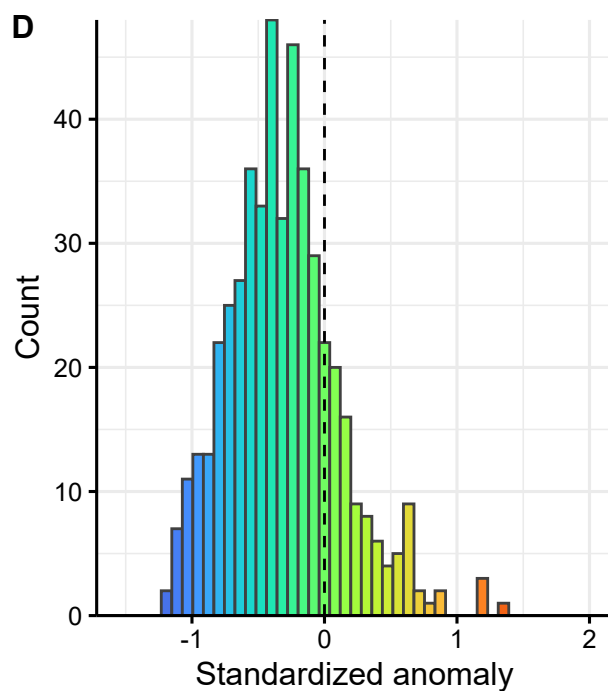
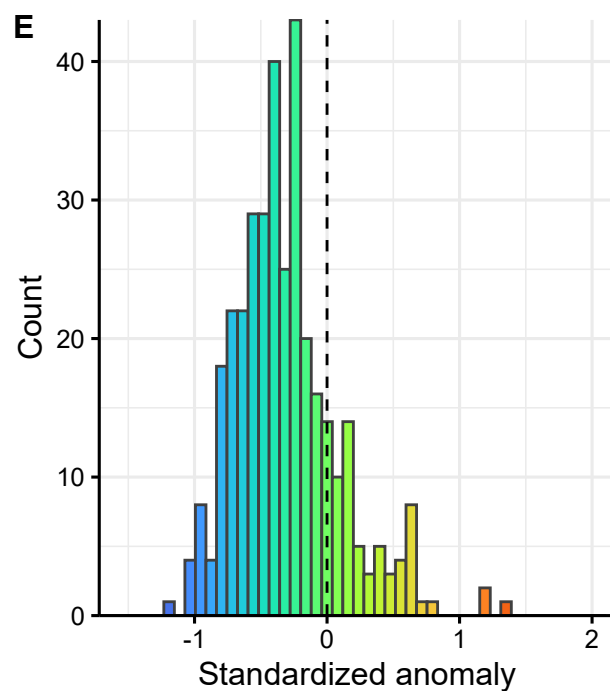
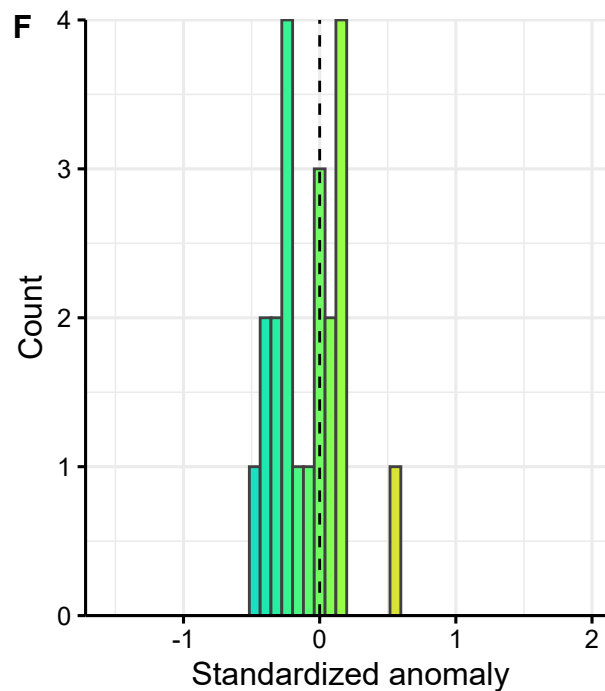
**B**

Caribbean Sea, 353 cells

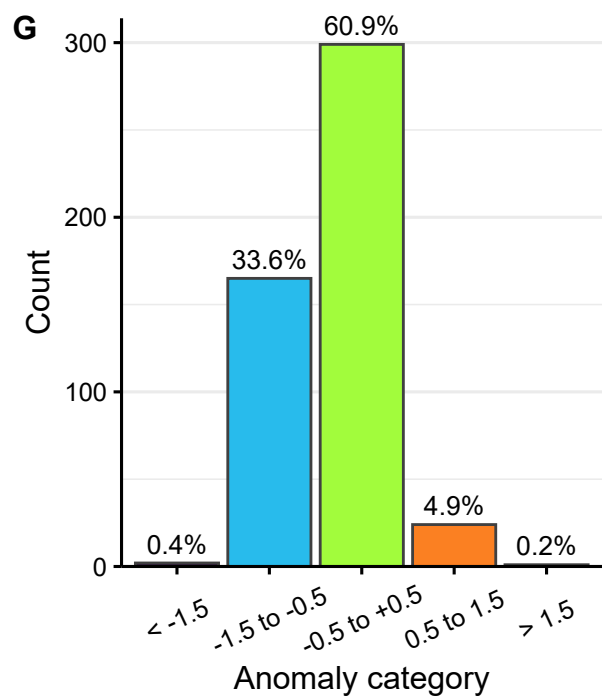
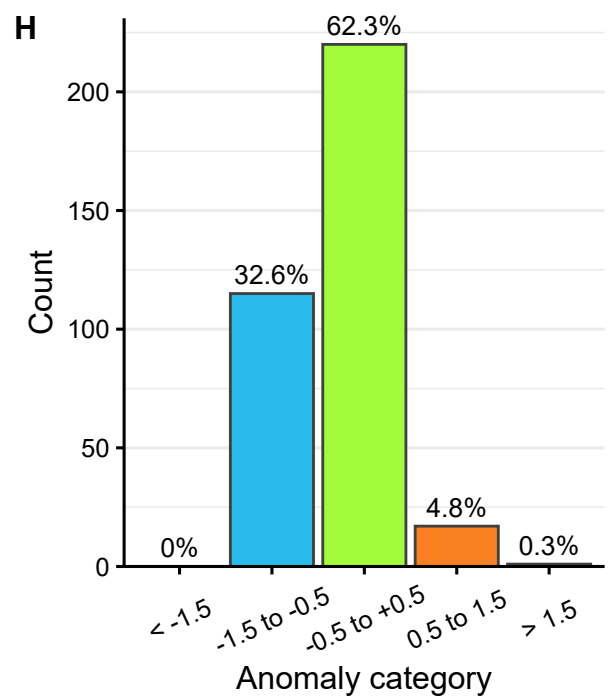
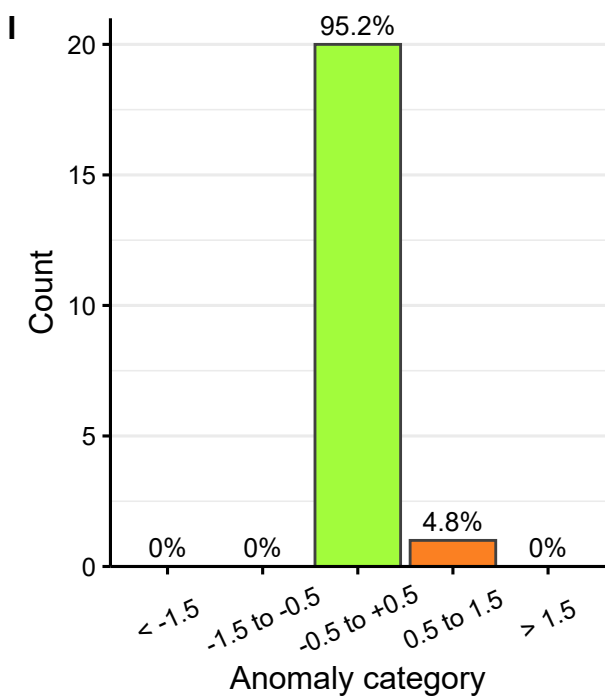
**C**

Spe: *Diadema*  
Exp: chl

U.S. Caribbean, 21 cells

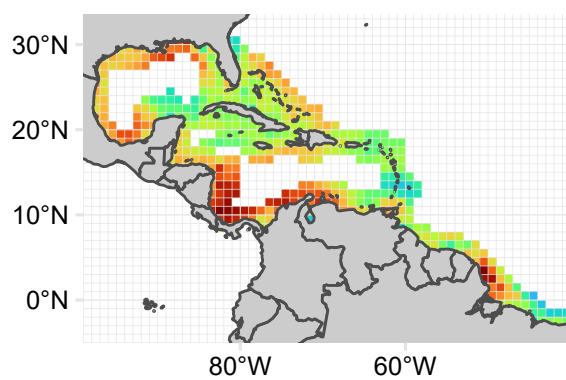
**D****E****F**

Standardized  
anomaly  
chl

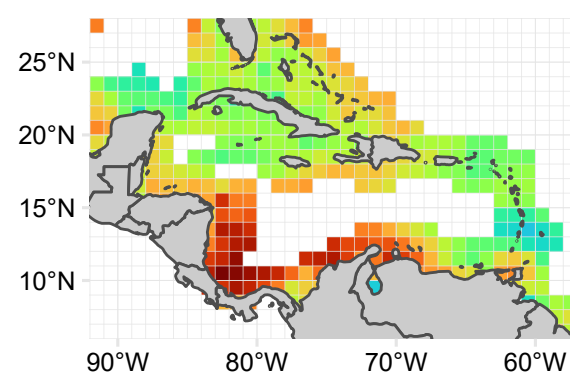
**G****H****I**

**A**

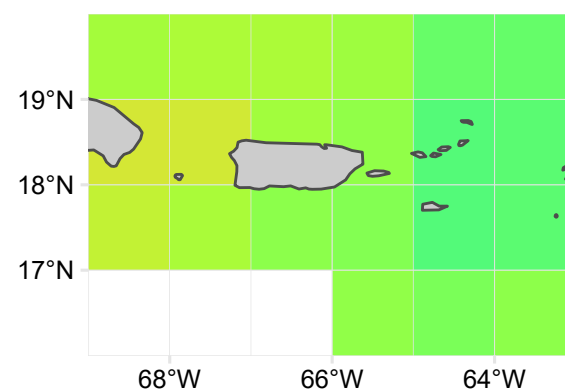
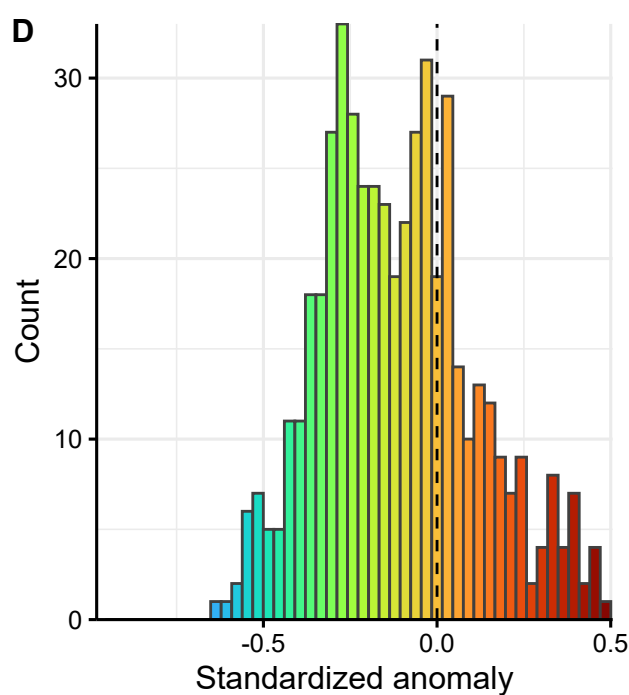
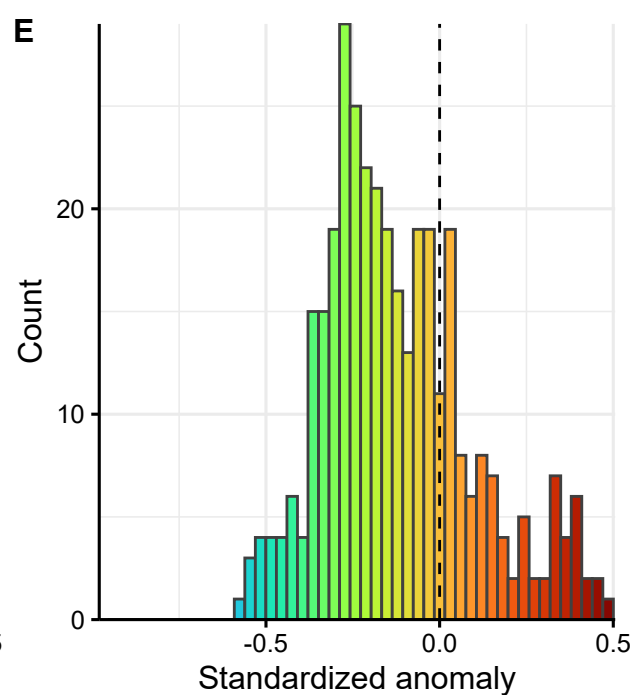
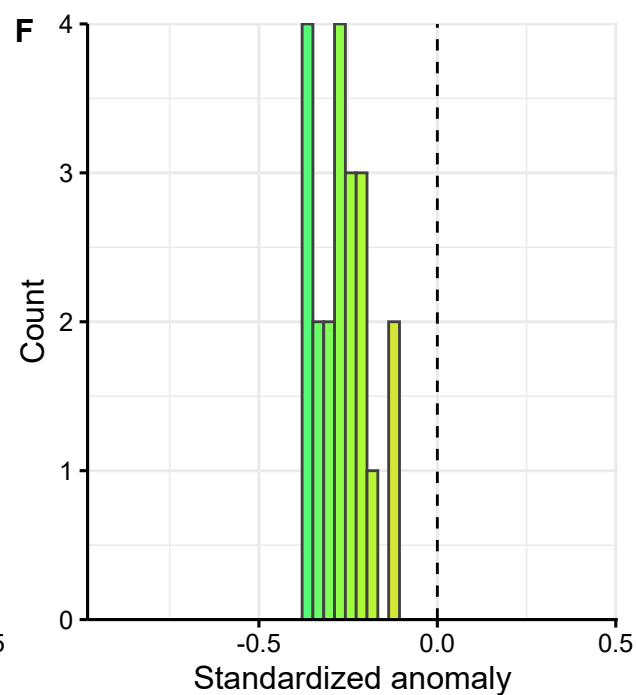
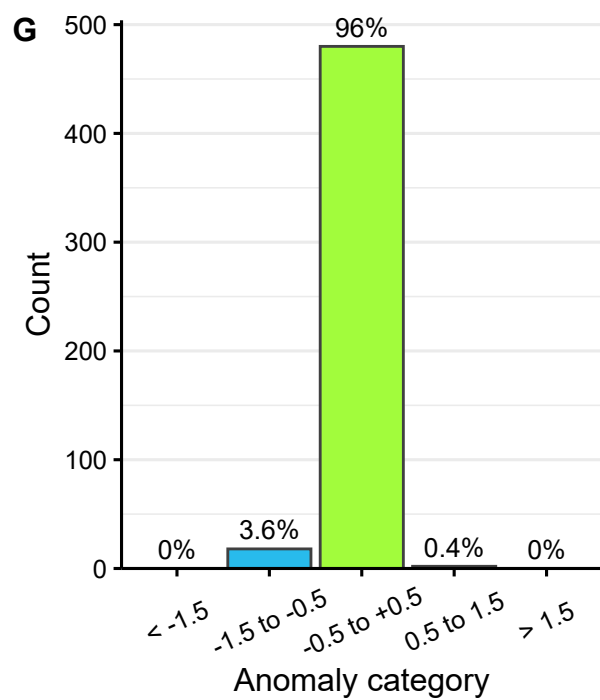
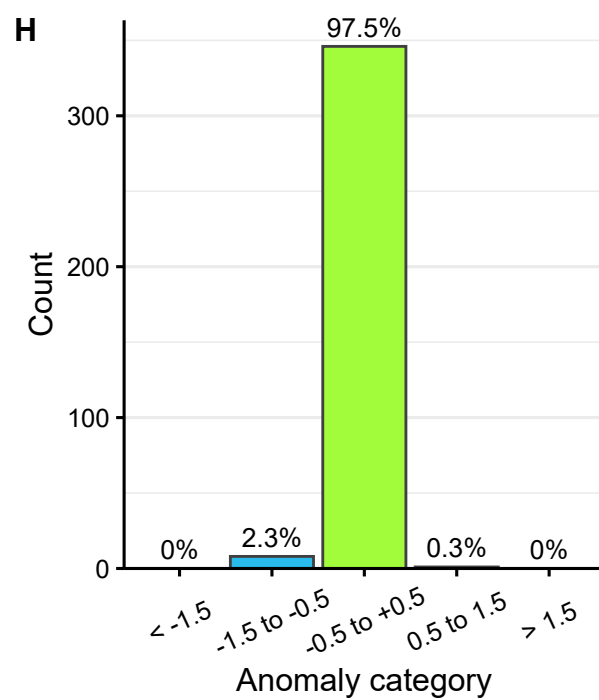
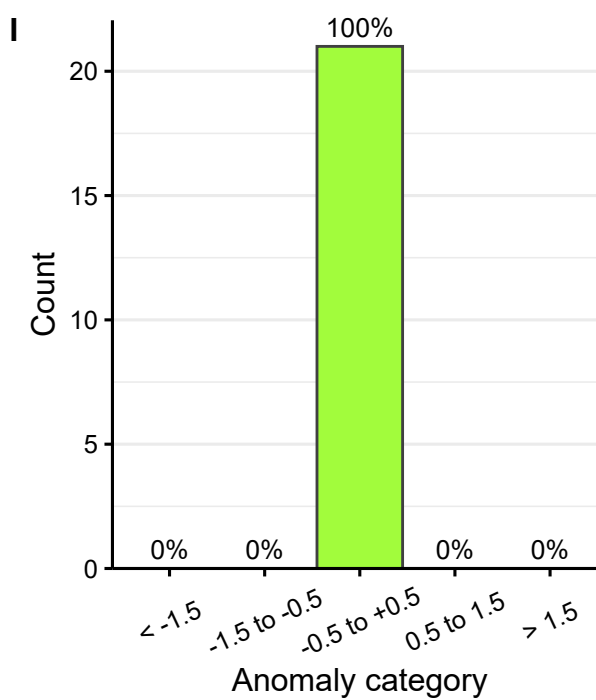
W. Atlantic range, 500 cells

**B**

Caribbean Sea, 355 cells

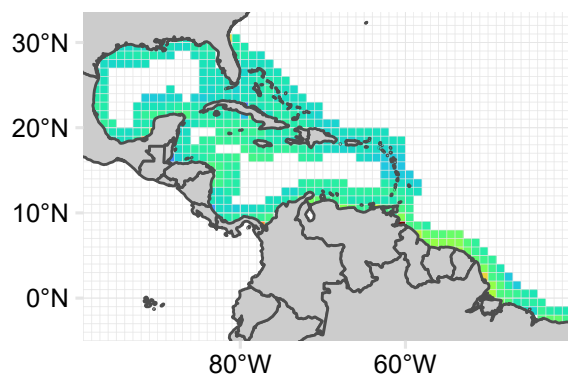
**C**Spe: *Diadema*  
Exp: mld

U.S. Caribbean, 21 cells

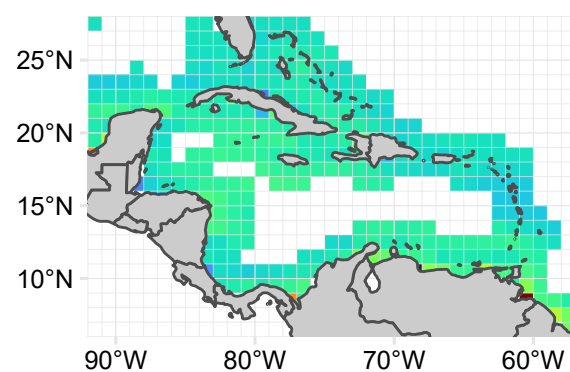
**D****E****F**Standardized  
anomaly  
mld  
0.5  
0.0  
-0.5**G****H****I**

**A**

W. Atlantic range, 458 cells

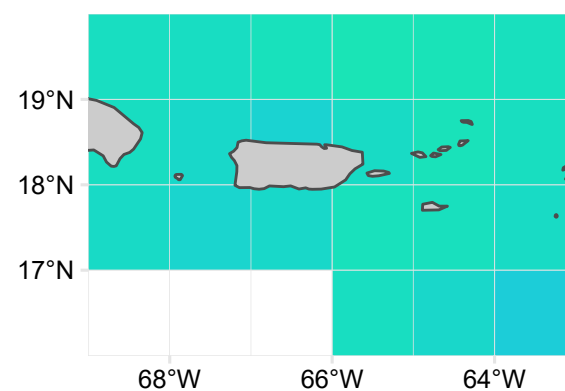
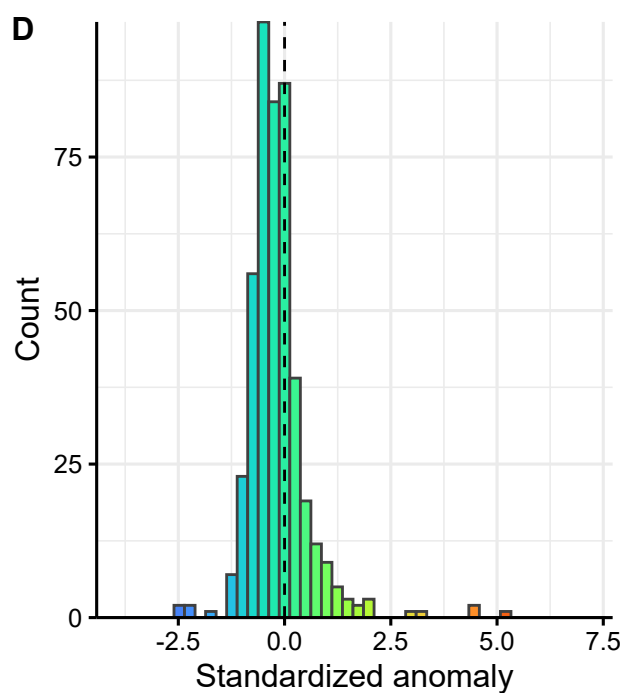
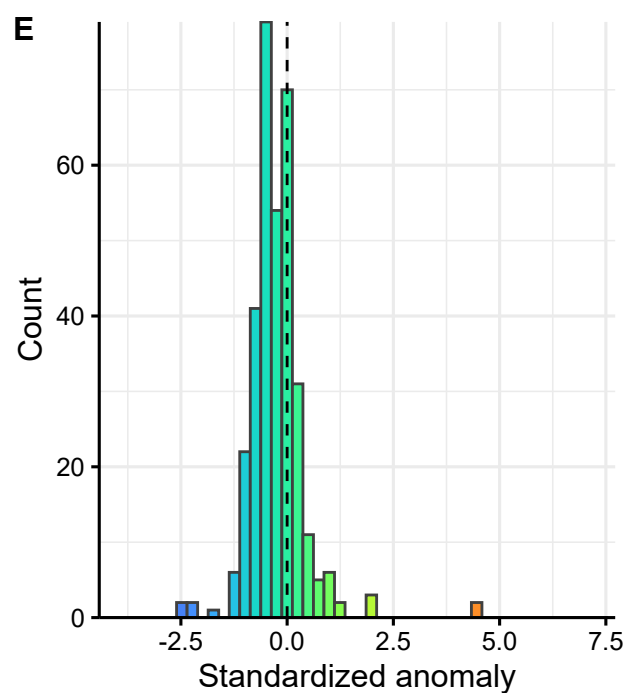
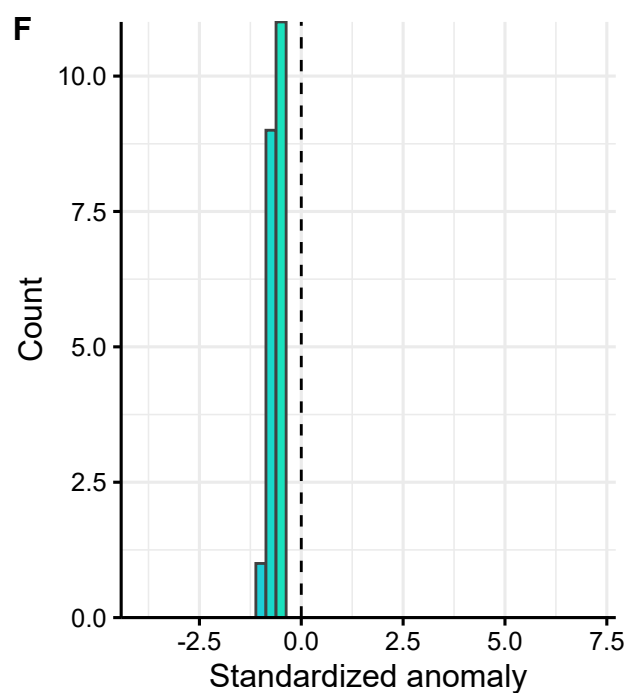
**B**

Caribbean Sea, 339 cells

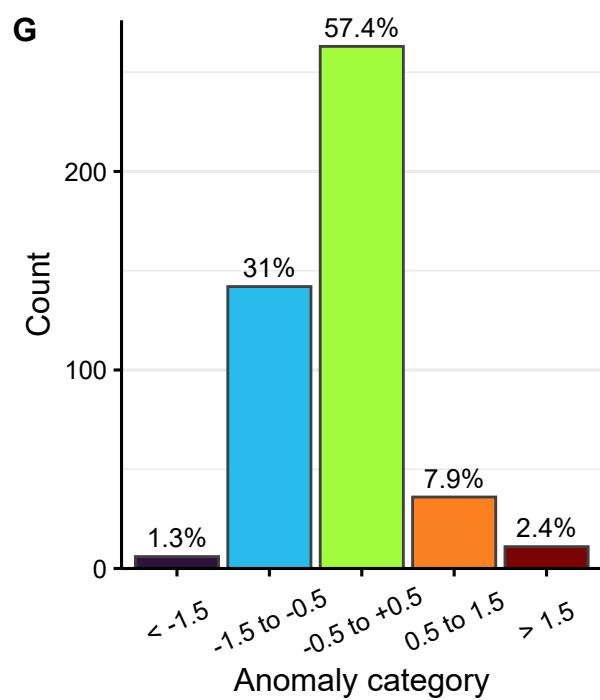
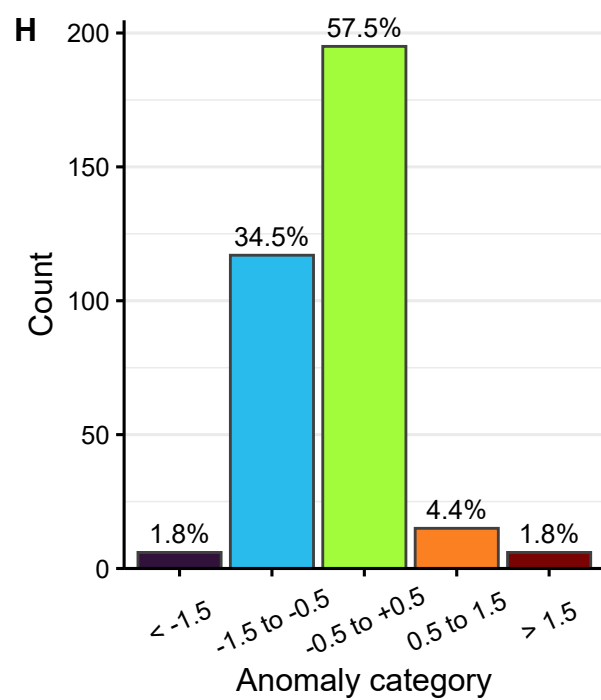
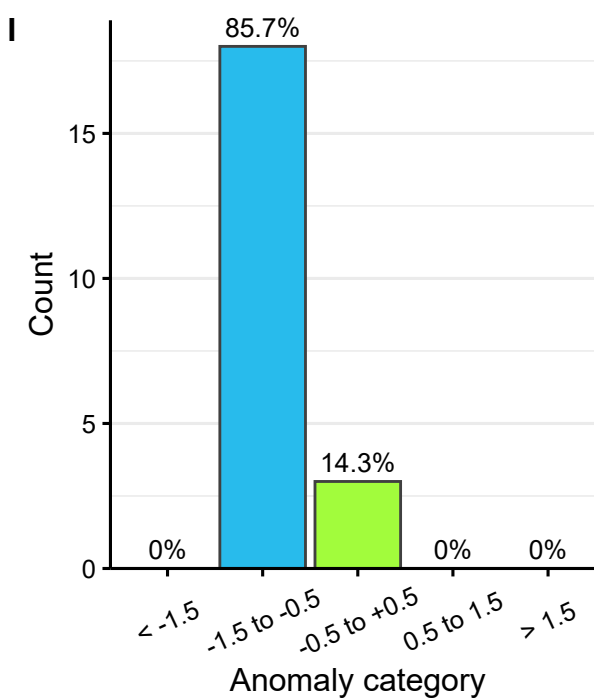
**C**

Spe: *Diadema*  
Exp: msstg

U.S. Caribbean, 21 cells

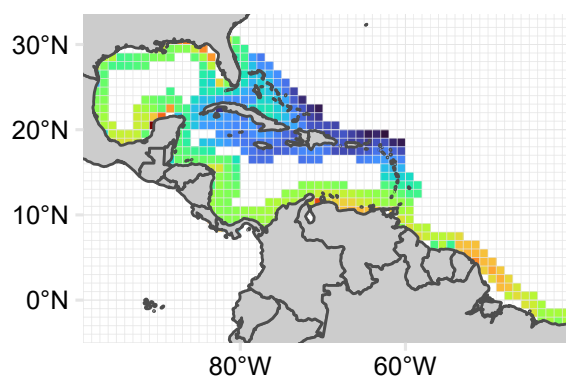
**D****E****F**

Standardized  
anomaly  
msstg

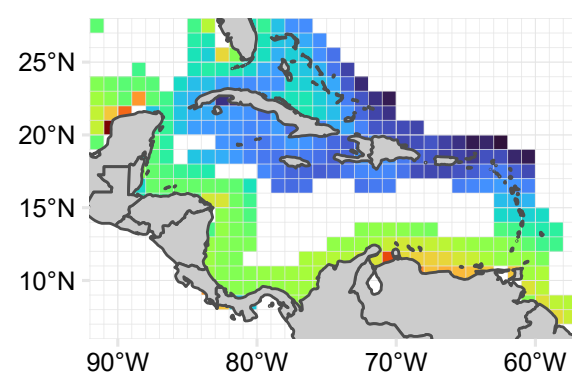
**G****H****I**

**A**

W. Atlantic range, 448 cells

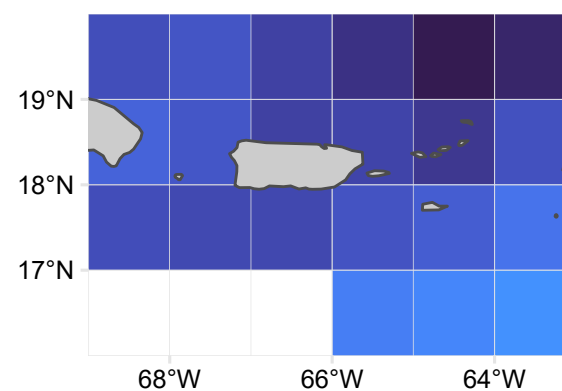
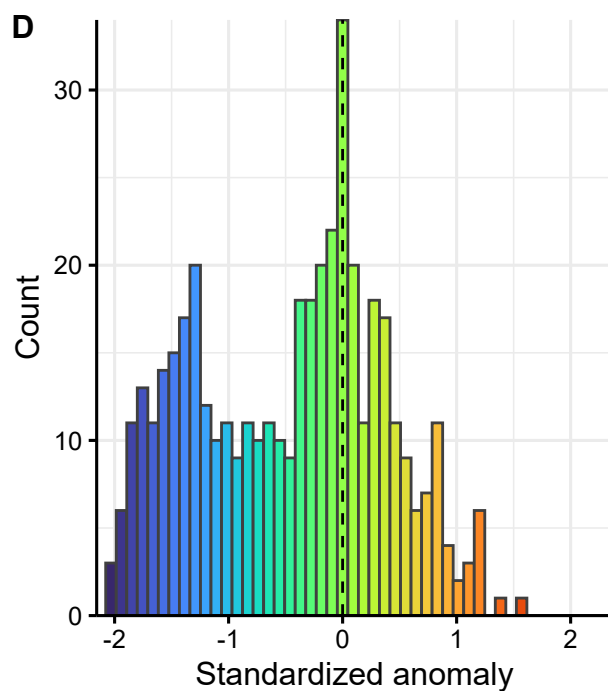
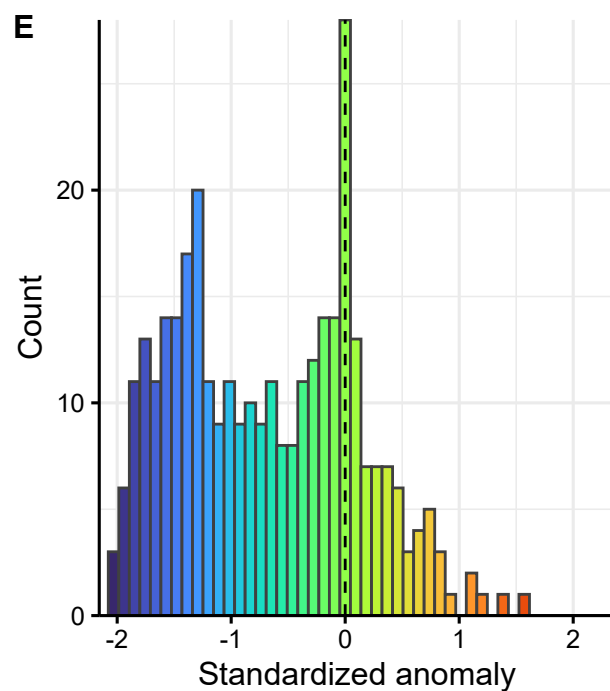
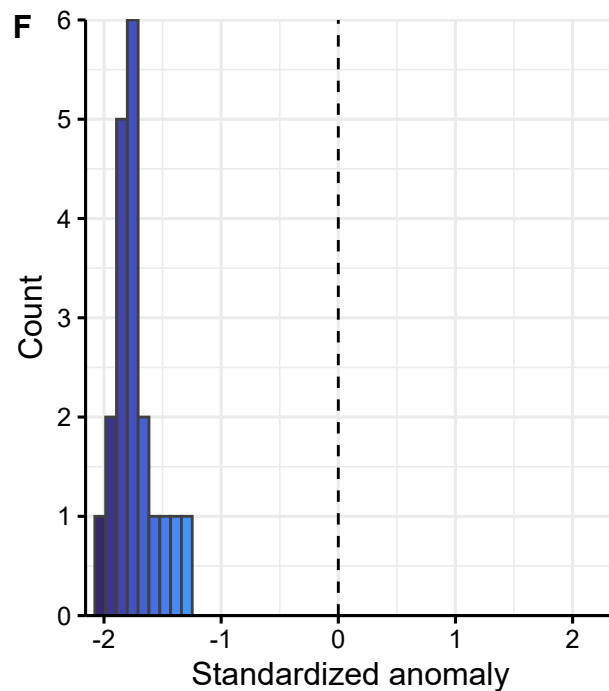
**B**

Caribbean Sea, 341 cells

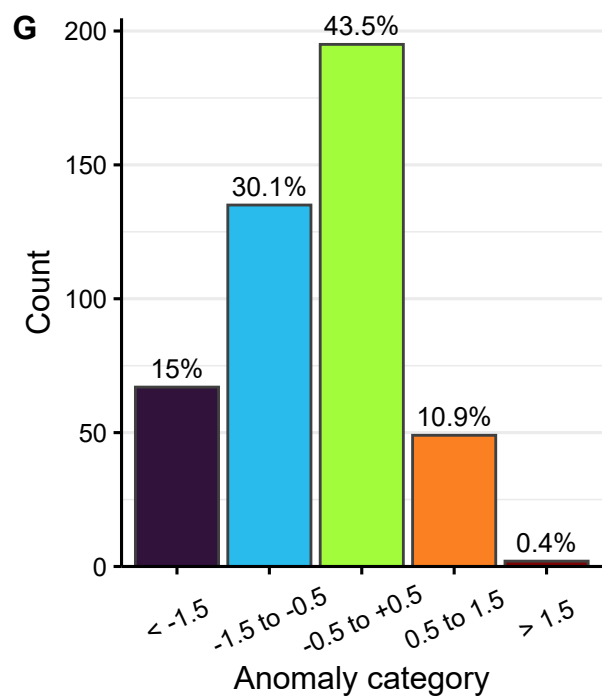
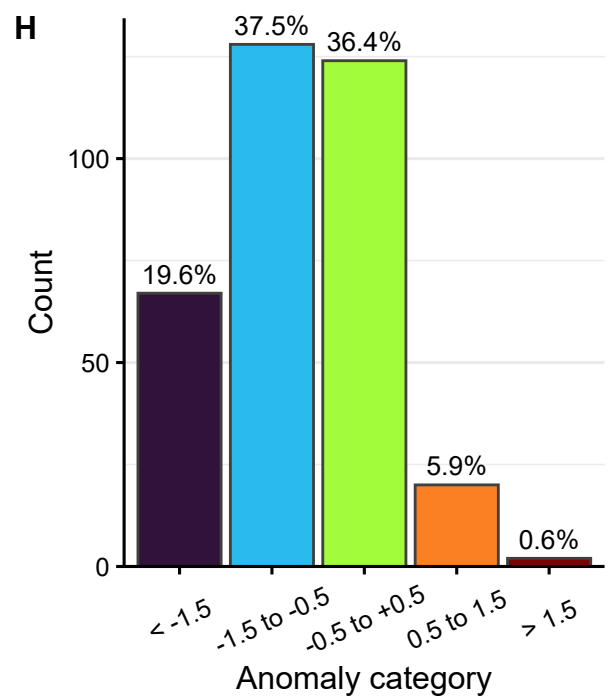
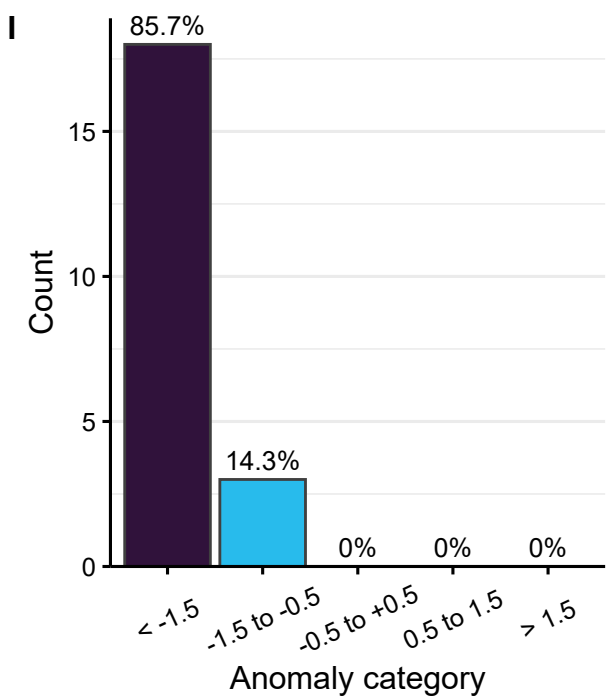
**C**

Spe: *Diadema*  
Exp: o200

U.S. Caribbean, 21 cells

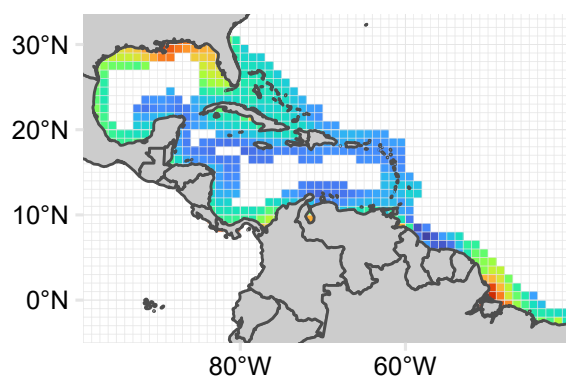
**D****E****F**

Standardized  
anomaly  
o200

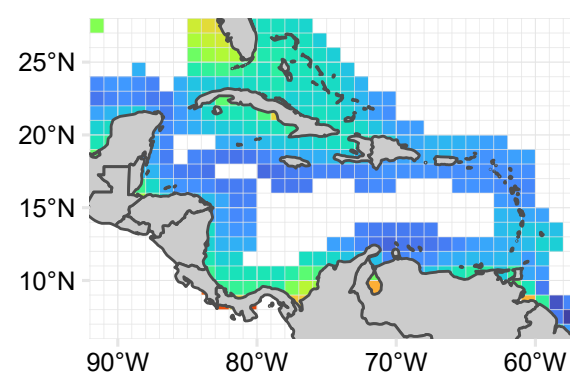
**G****H****I**

**A**

W. Atlantic range, 499 cells

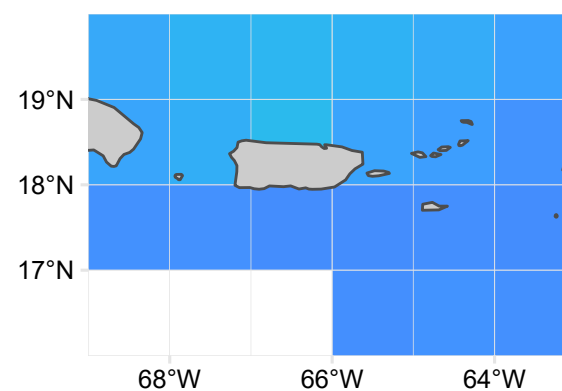
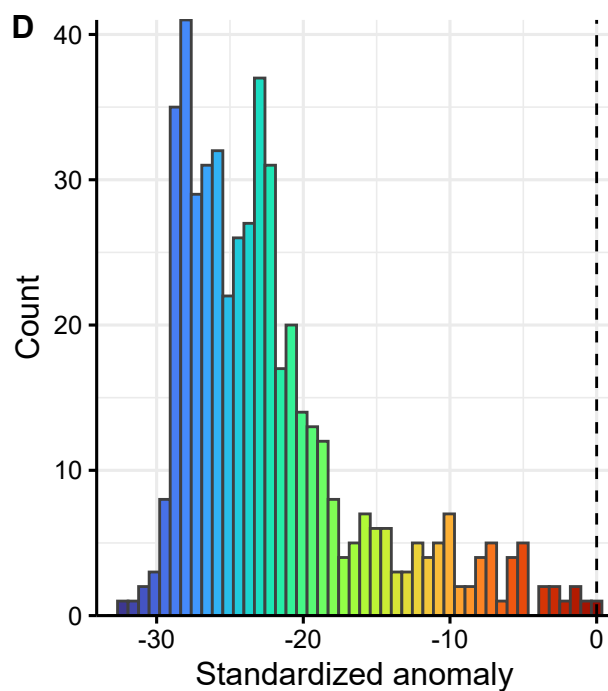
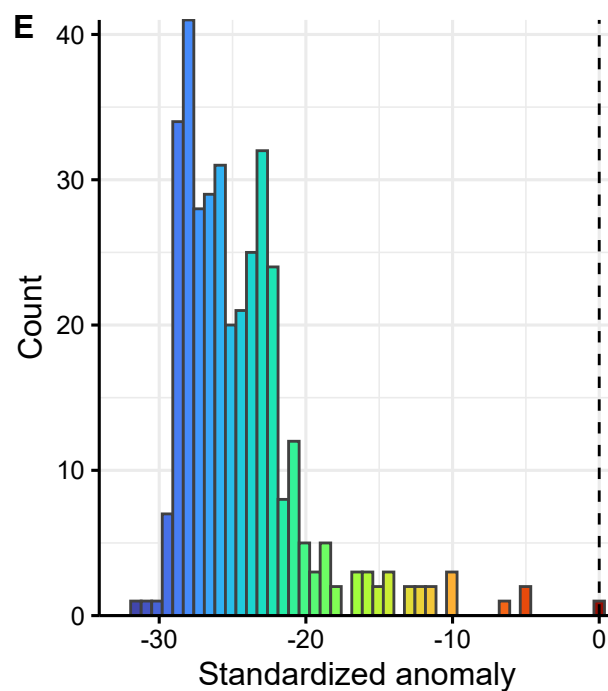
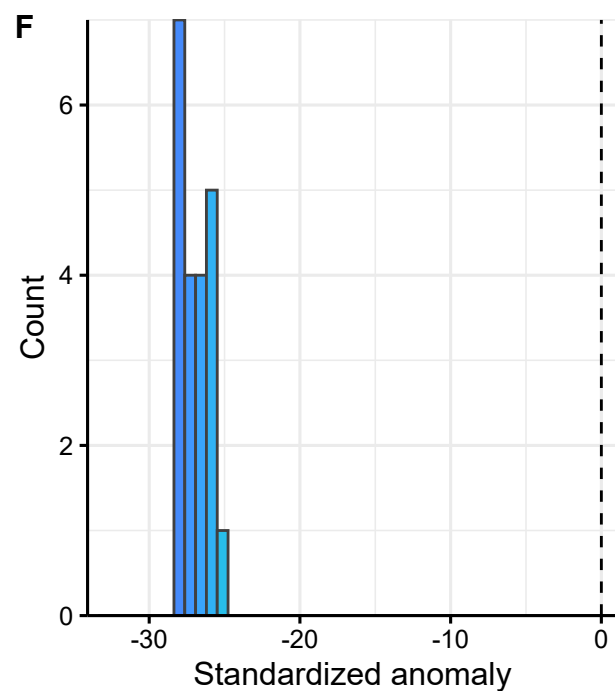
**B**

Caribbean Sea, 355 cells

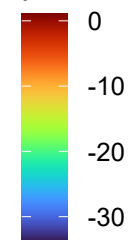
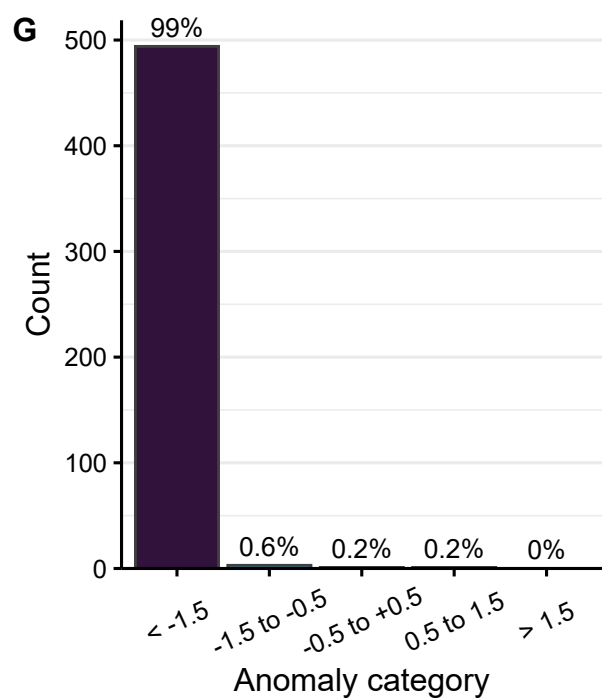
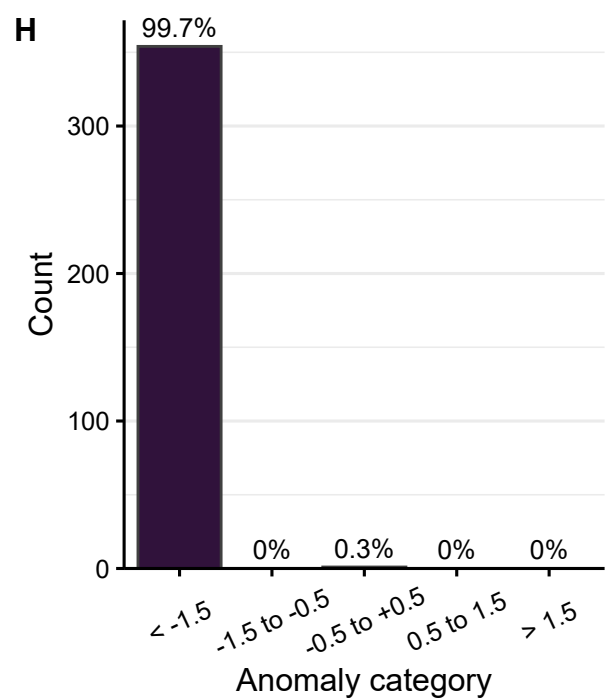
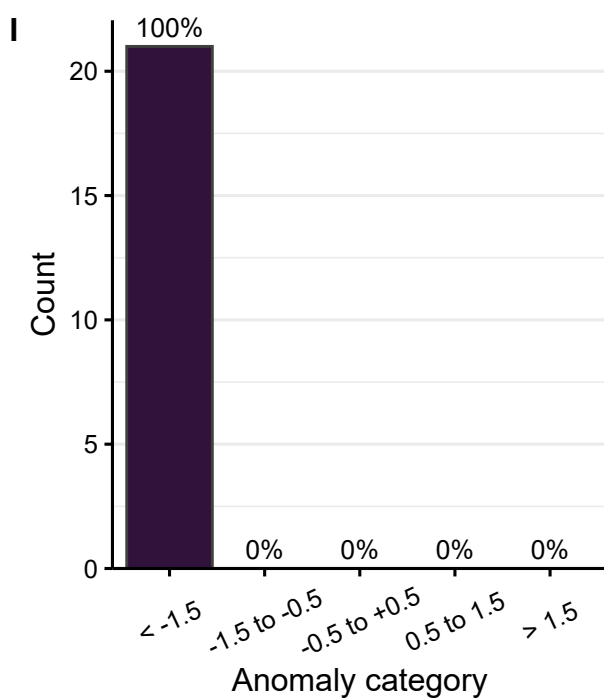
**C**

Spe: *Diadema*  
Exp: ph

U.S. Caribbean, 21 cells

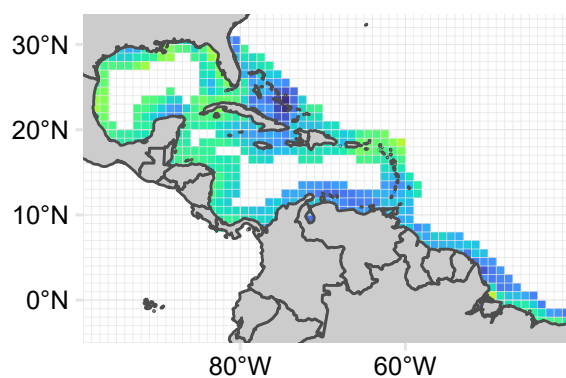
**D****E****F**

Standardized  
anomaly  
ph

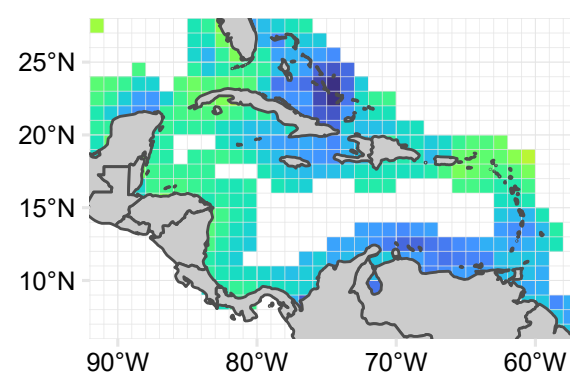
**G****H****I**

**A**

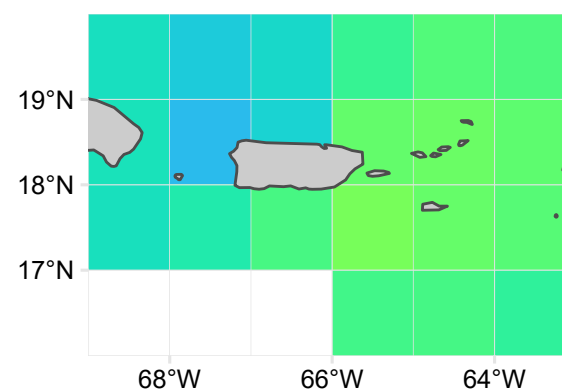
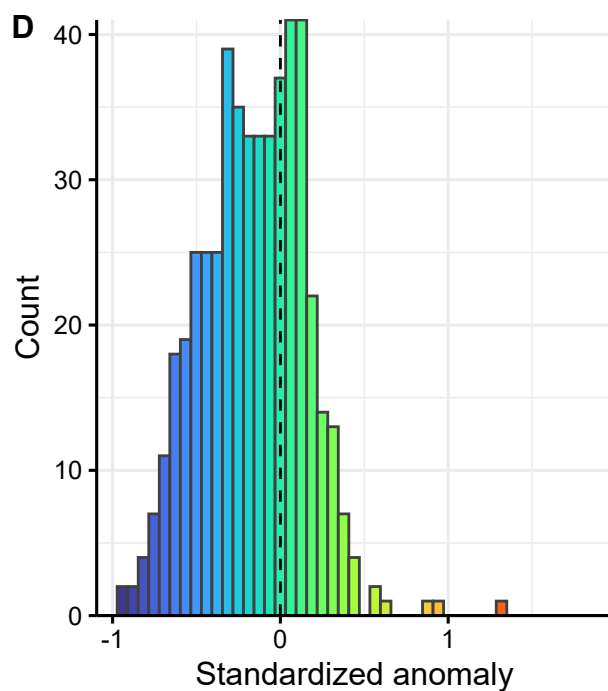
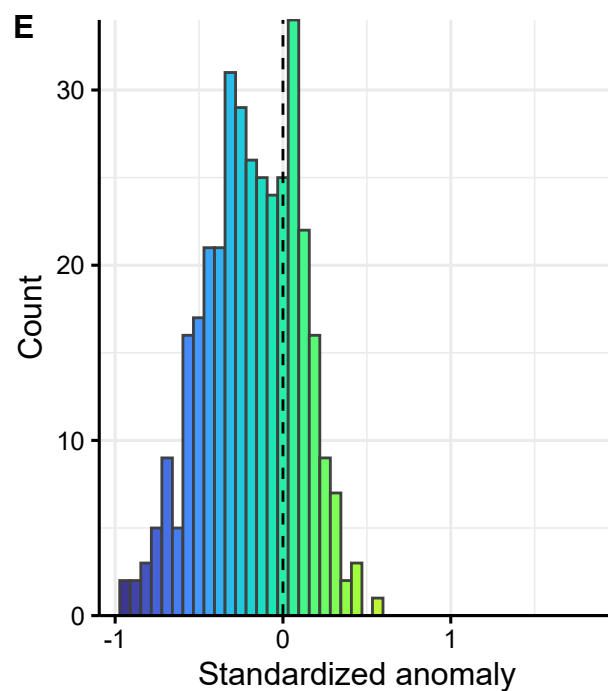
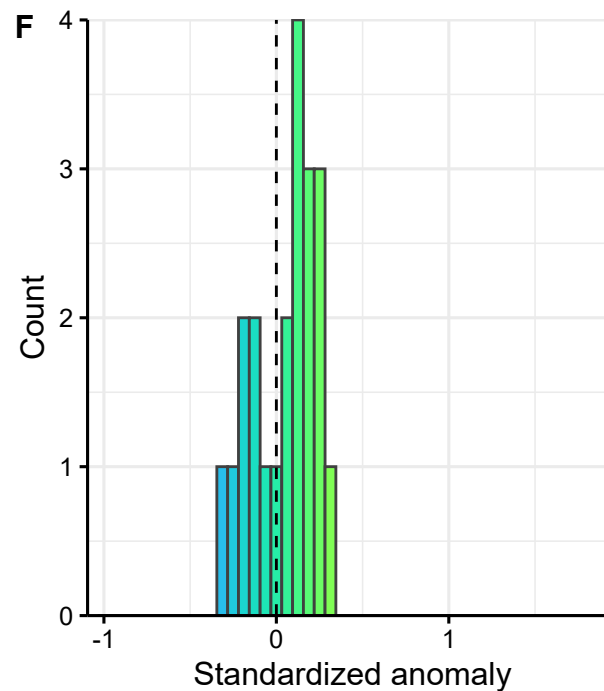
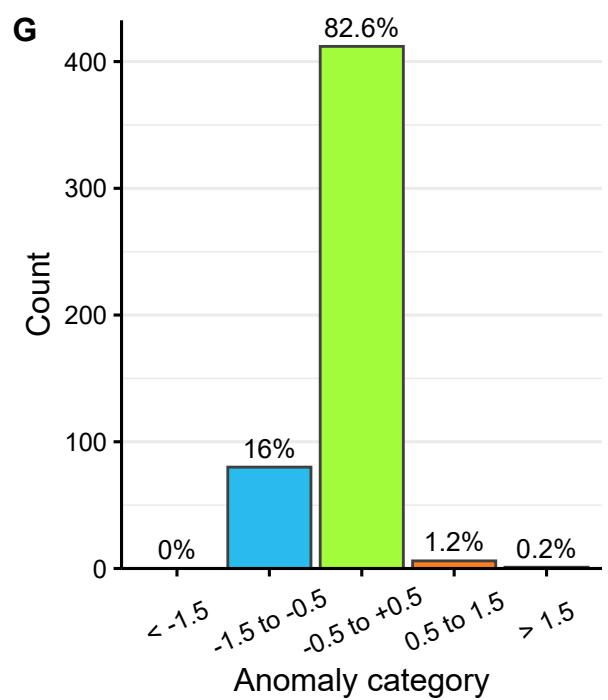
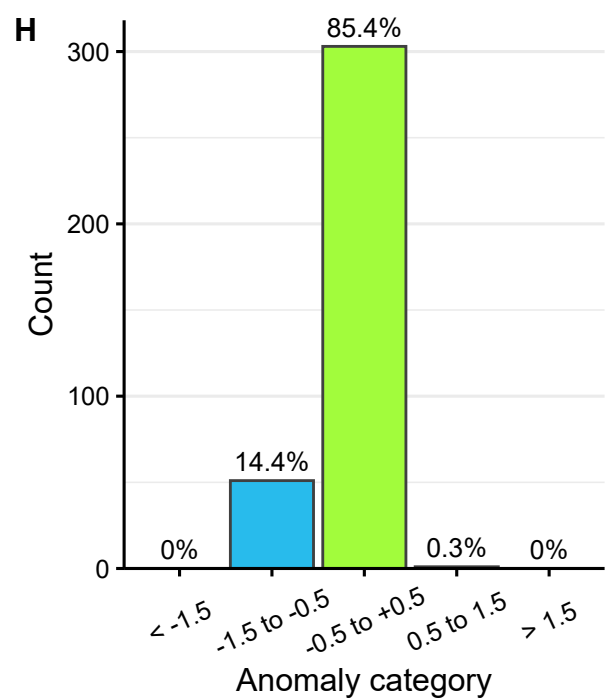
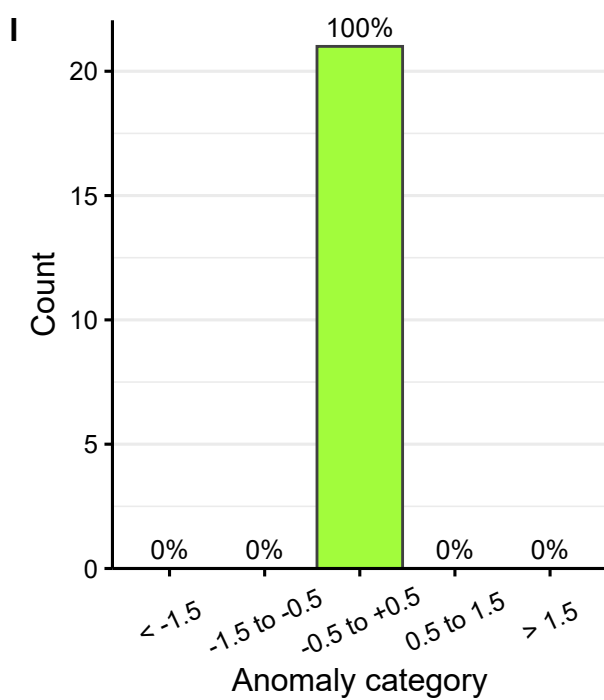
W. Atlantic range, 499 cells

**B**

Caribbean Sea, 355 cells

**C**Spe: Diadema  
Exp: pp

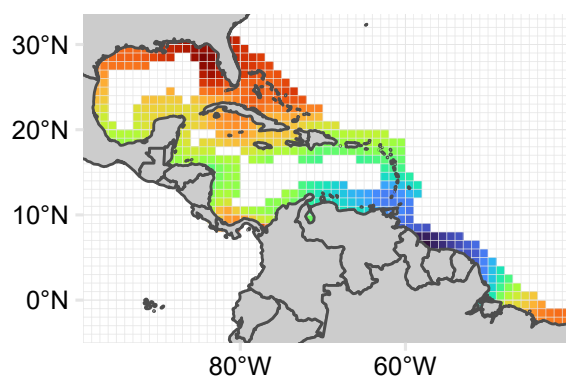
U.S. Caribbean, 21 cells

**D****E****F**Standardized  
anomaly  
pp  
1  
0  
-1**G****H****I**

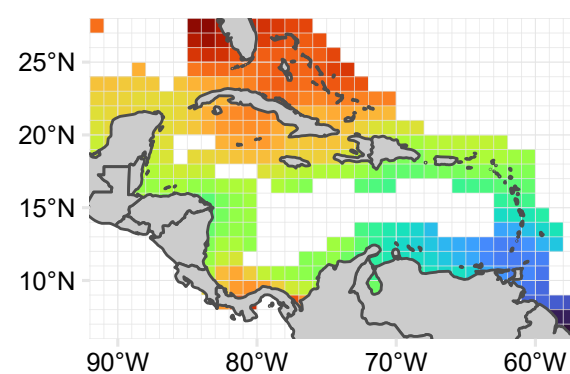


**A**

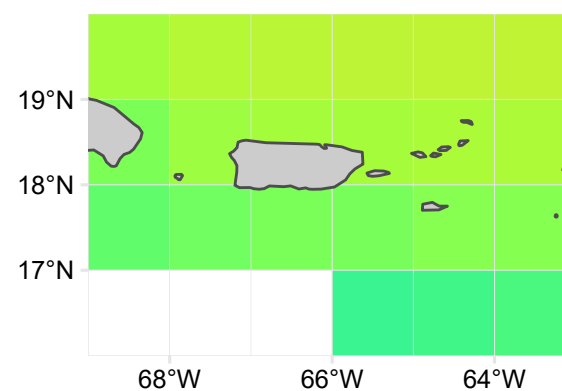
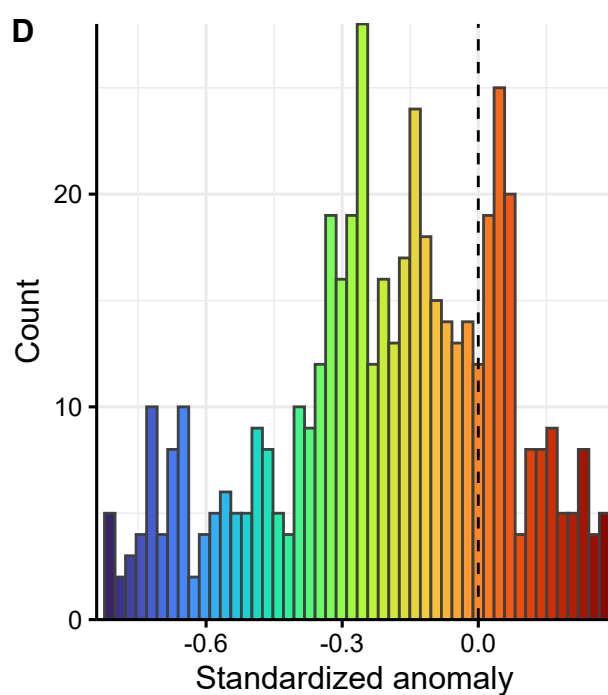
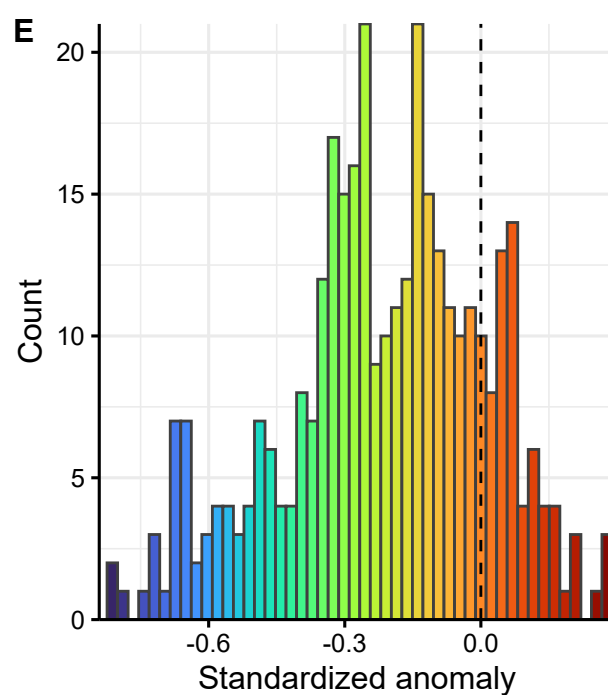
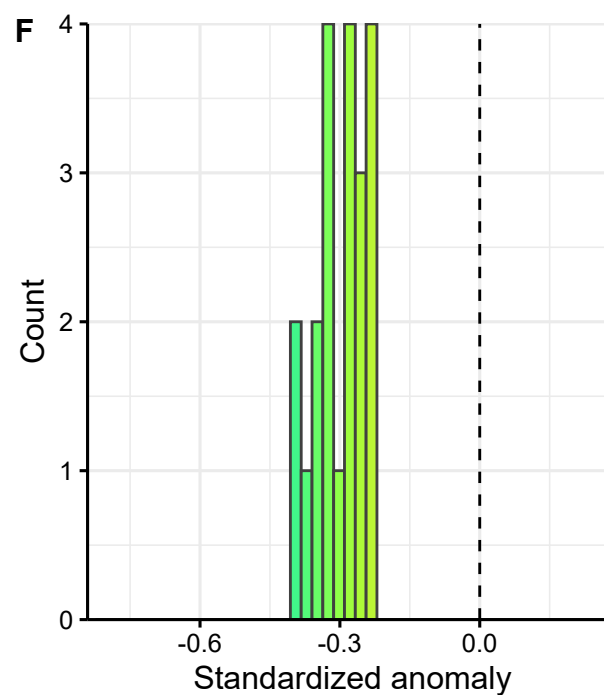
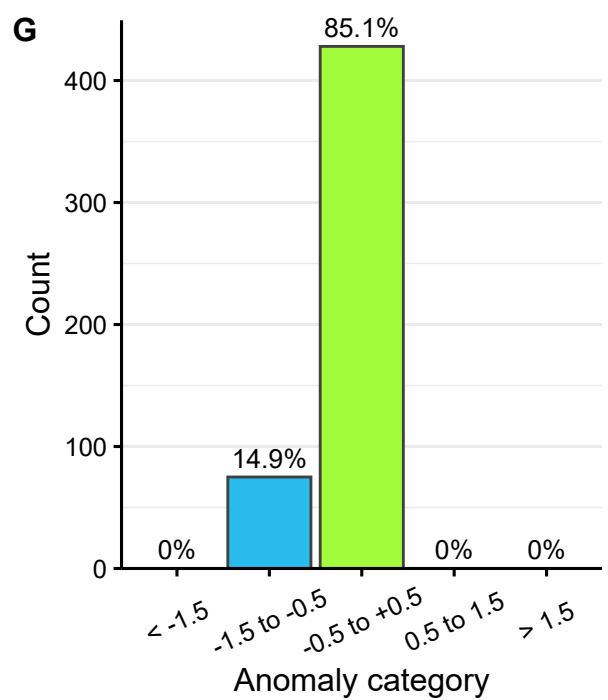
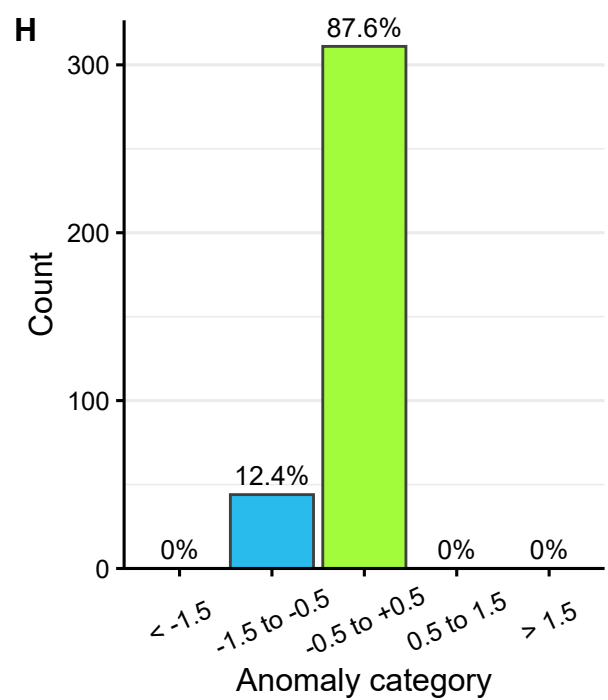
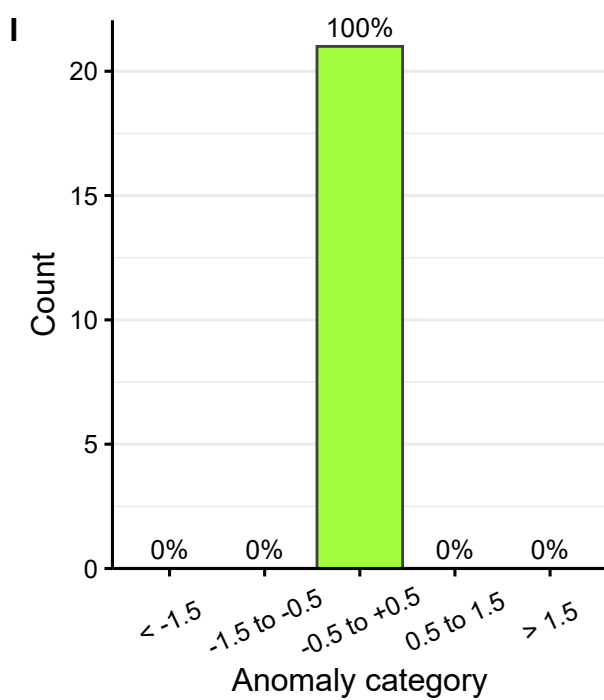
W. Atlantic range, 503 cells

**B**

Caribbean Sea, 355 cells

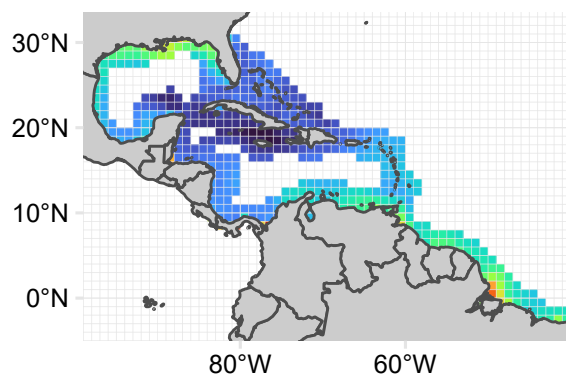
**C**Spe: Diadema  
Exp: precip

U.S. Caribbean, 21 cells

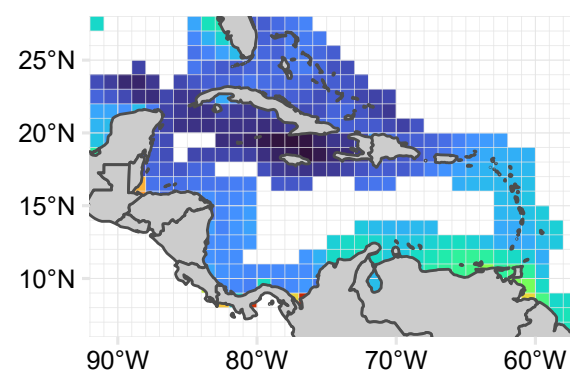
**D****E****F**Standardized  
anomaly  
precip0.0  
-0.3  
-0.6**G****H****I**

**A**

W. Atlantic range, 499 cells

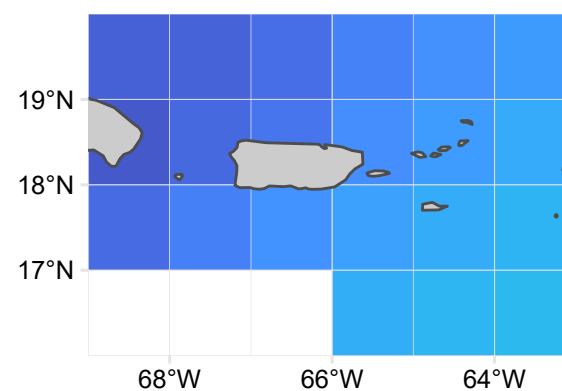
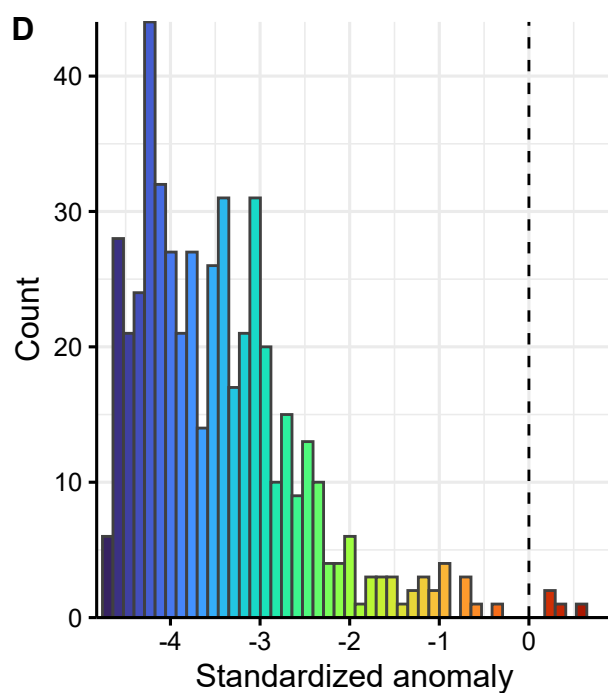
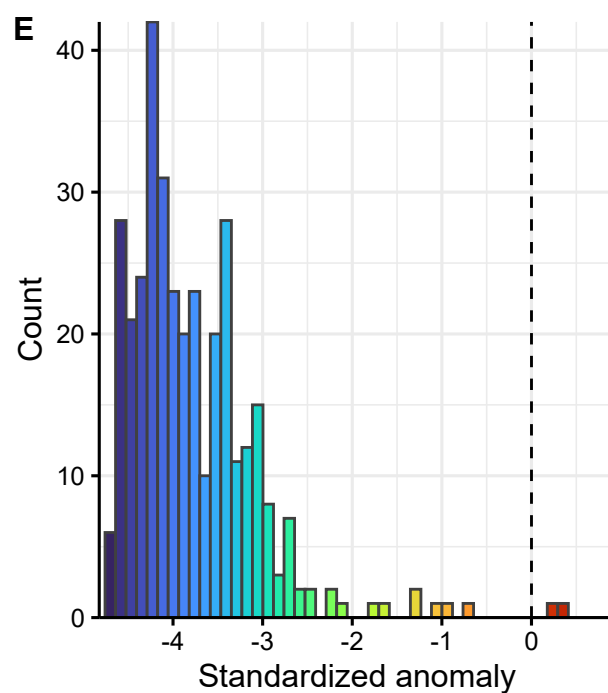
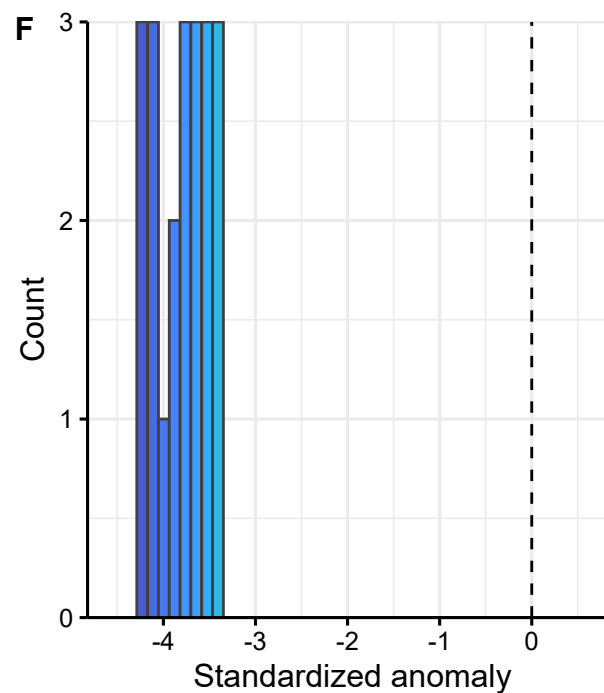
**B**

Caribbean Sea, 355 cells

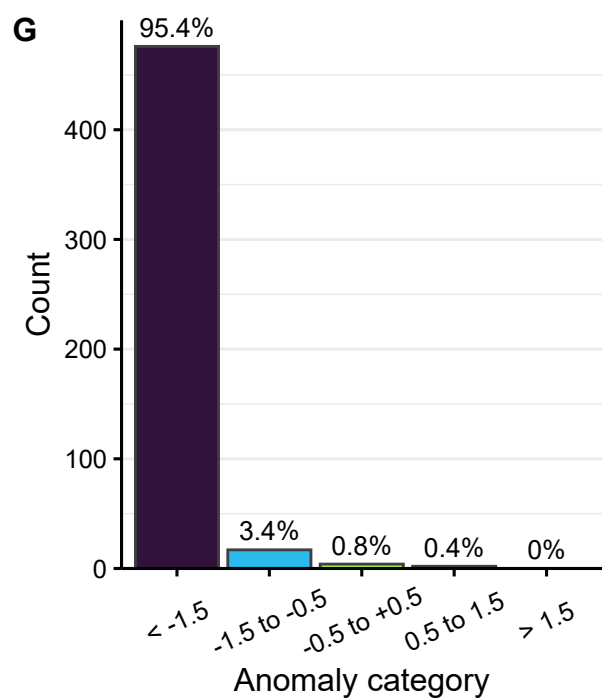
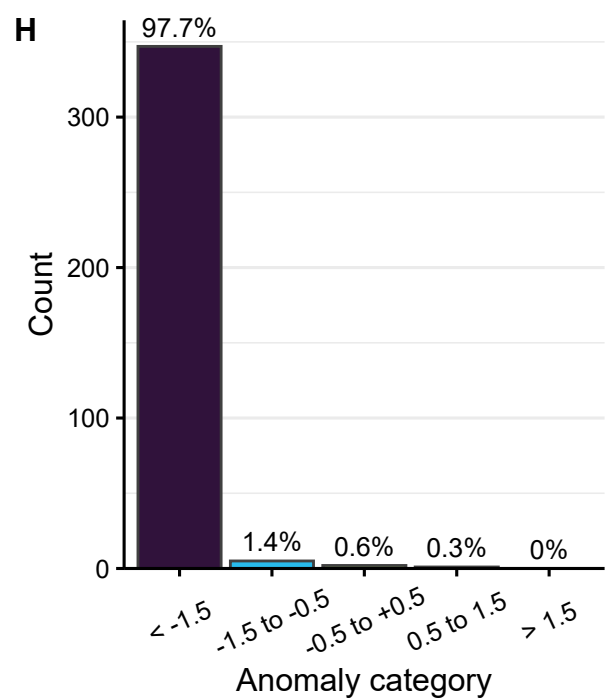
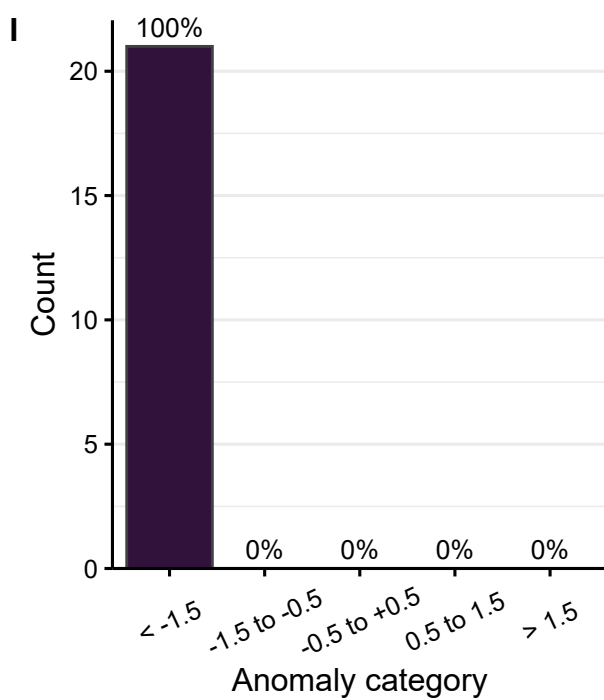
**C**

Spe: *Diadema*  
Exp: sso

U.S. Caribbean, 21 cells

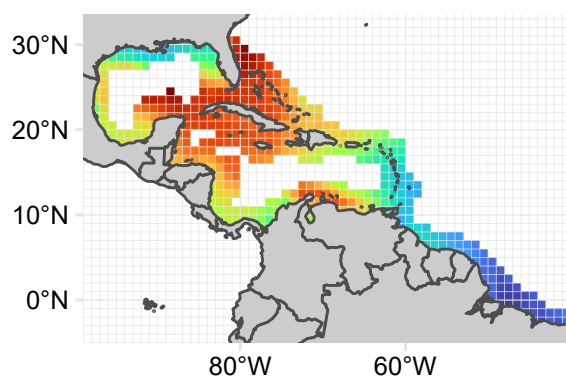
**D****E****F**

Standardized  
anomaly  
sso

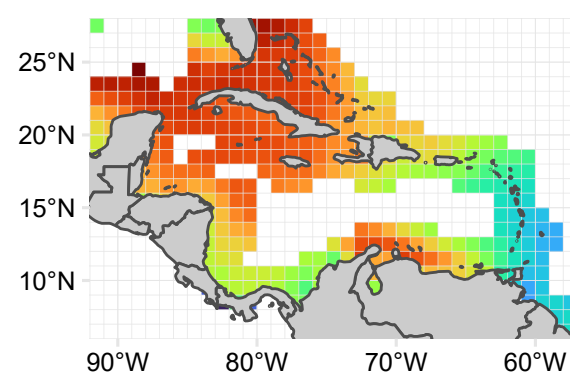
**G****H****I**

**A**

W. Atlantic range, 501 cells

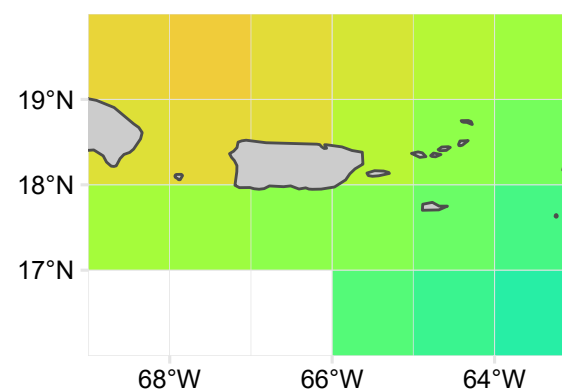
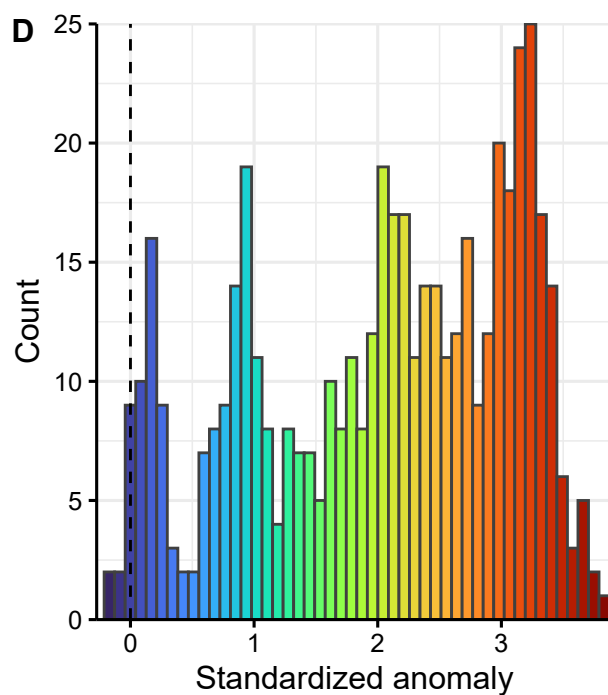
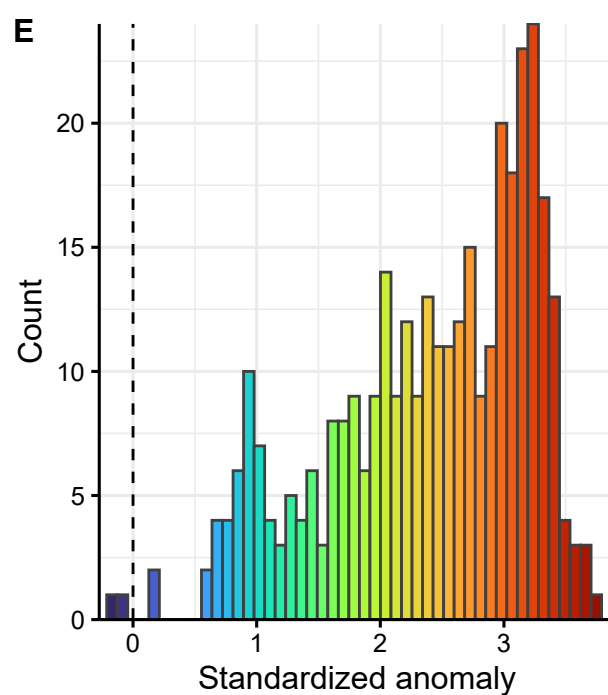
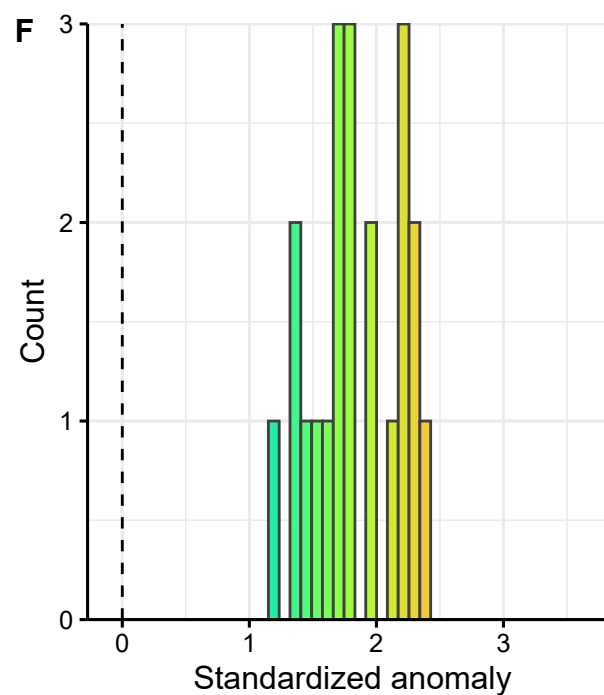
**B**

Caribbean Sea, 355 cells

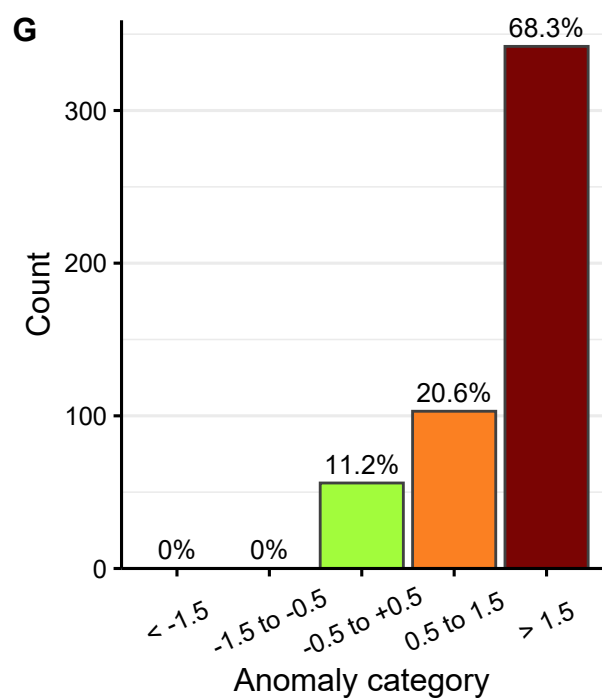
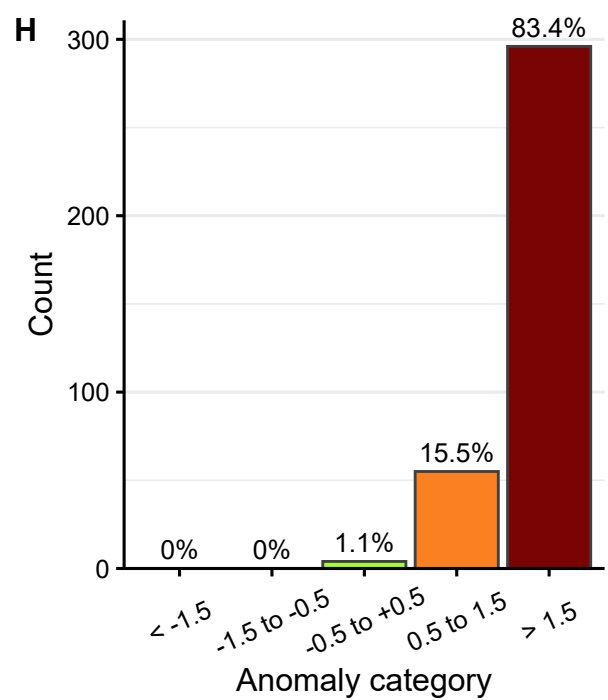
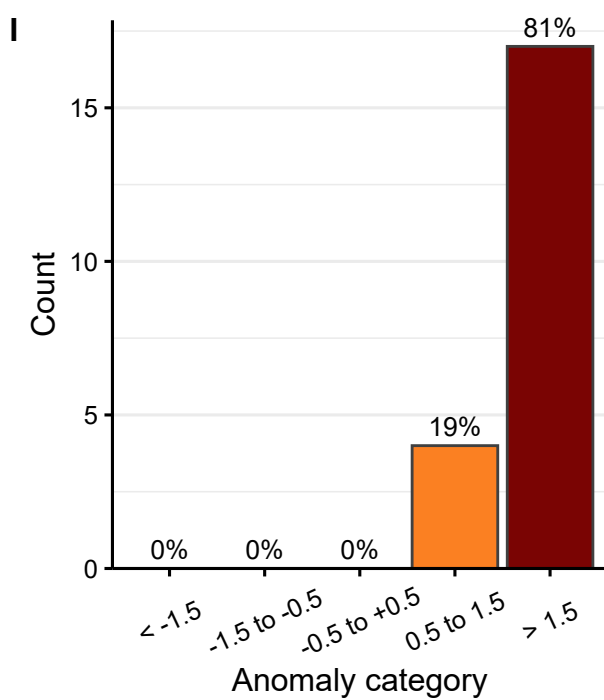
**C**

Spe: *Diadema*  
Exp: sss

U.S. Caribbean, 21 cells

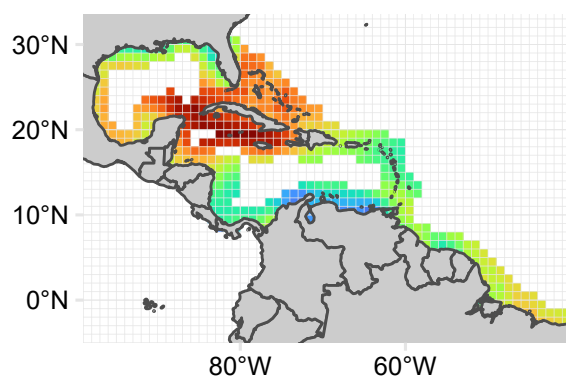
**D****E****F**

Standardized  
anomaly  
sss

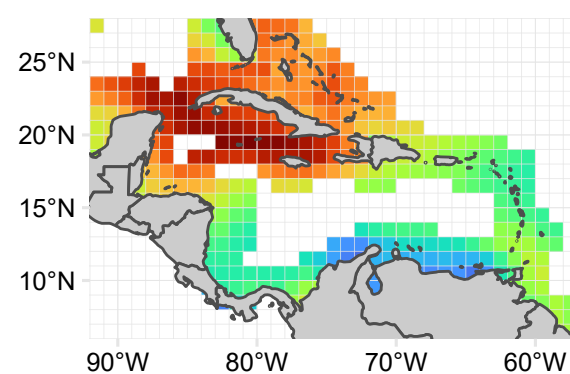
**G****H****I**

**A**

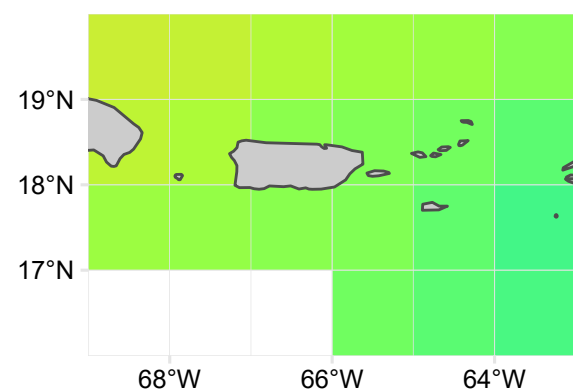
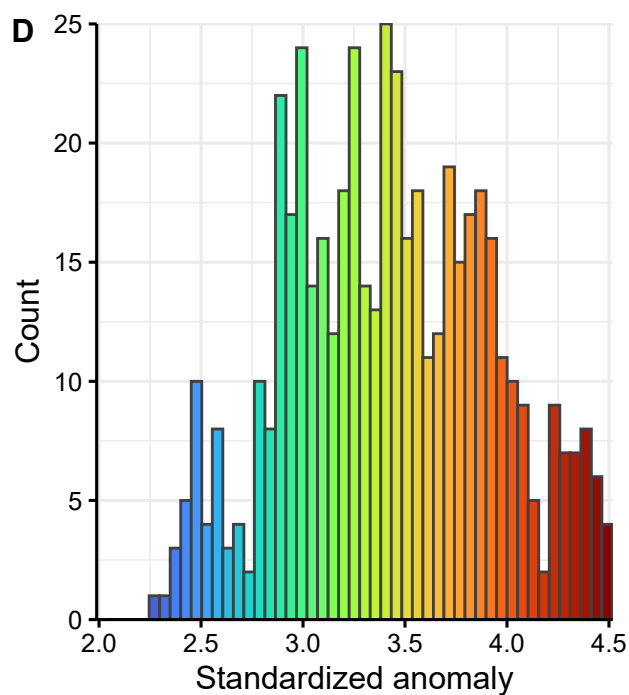
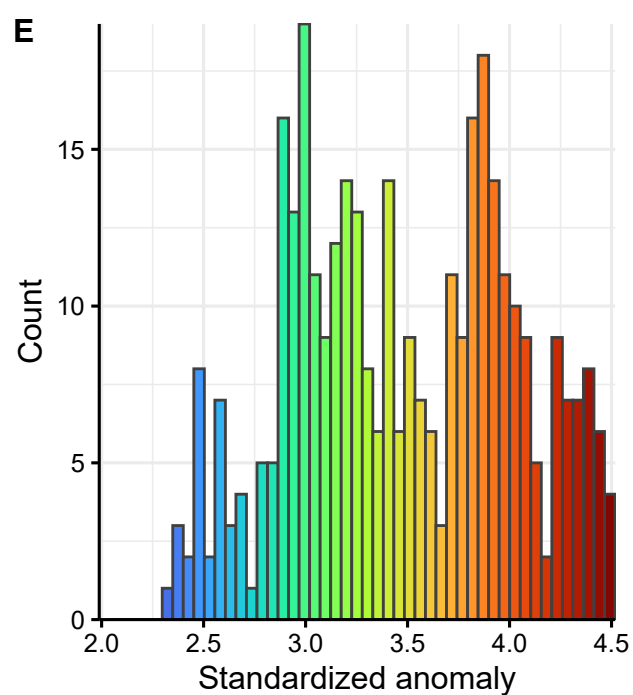
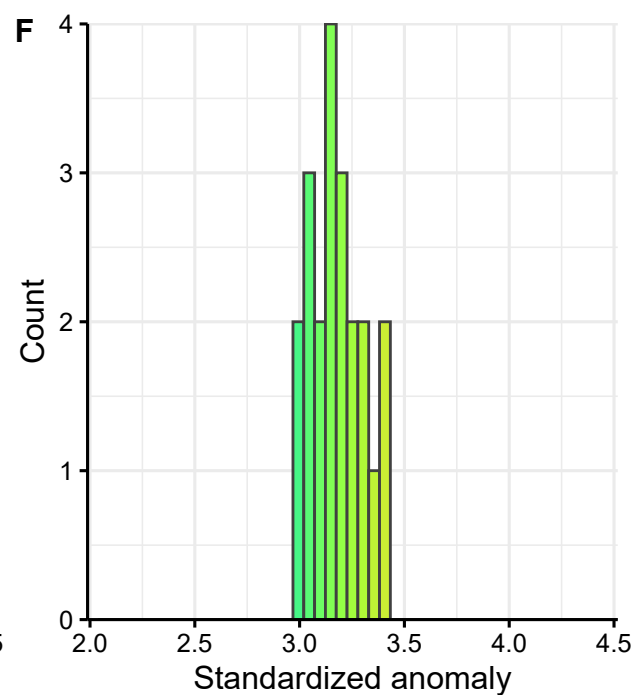
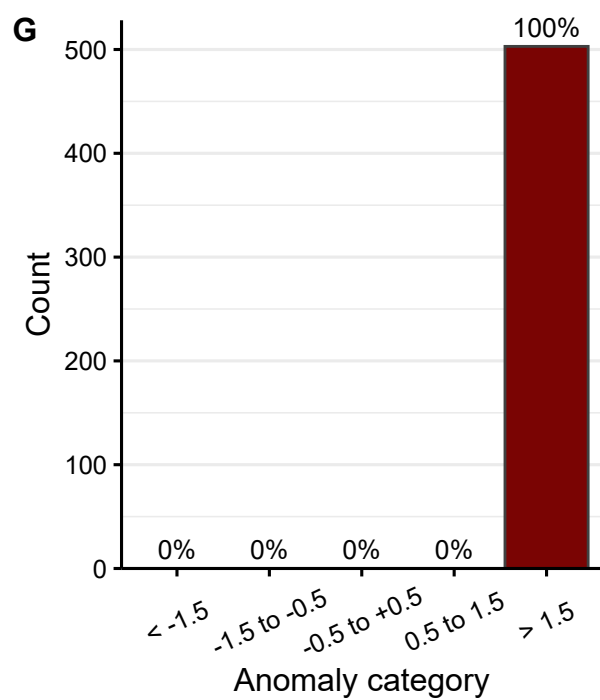
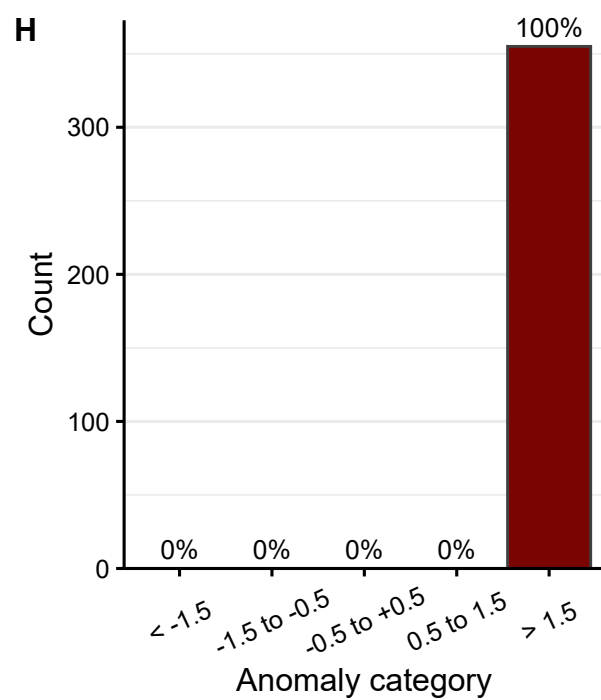
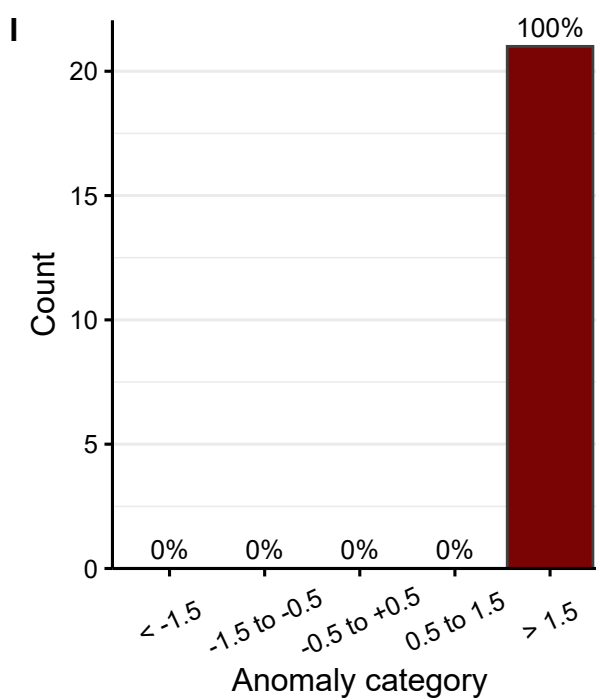
W. Atlantic range, 503 cells

**B**

Caribbean Sea, 355 cells

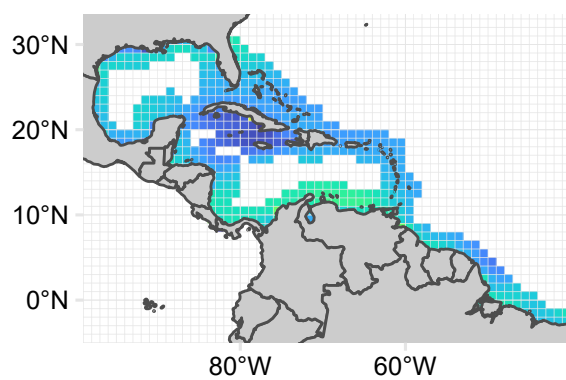
**C**Spe: *Diadema*  
Exp: sst

U.S. Caribbean, 21 cells

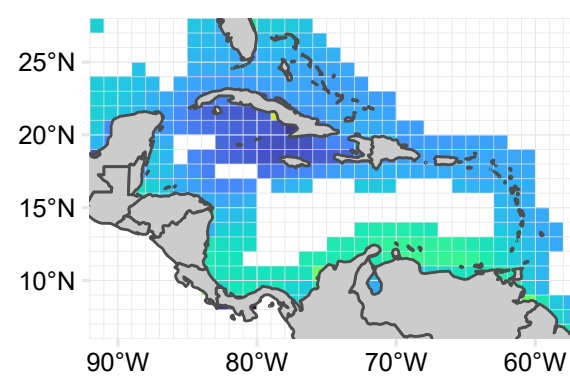
**D****E****F**Standardized  
anomaly  
sst  
  
4.5  
4.0  
3.5  
3.0  
2.5  
2.0**G****H****I**

**A**

W. Atlantic range, 503 cells

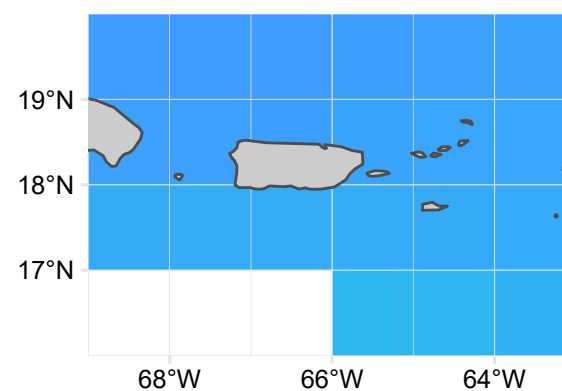
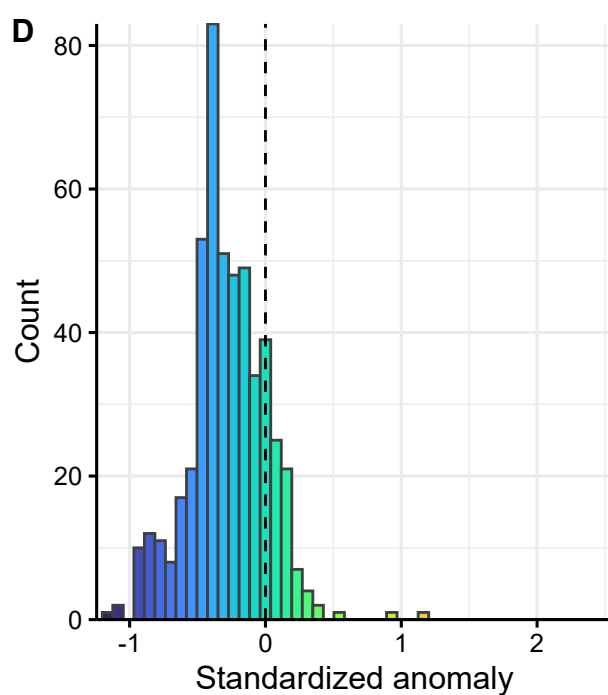
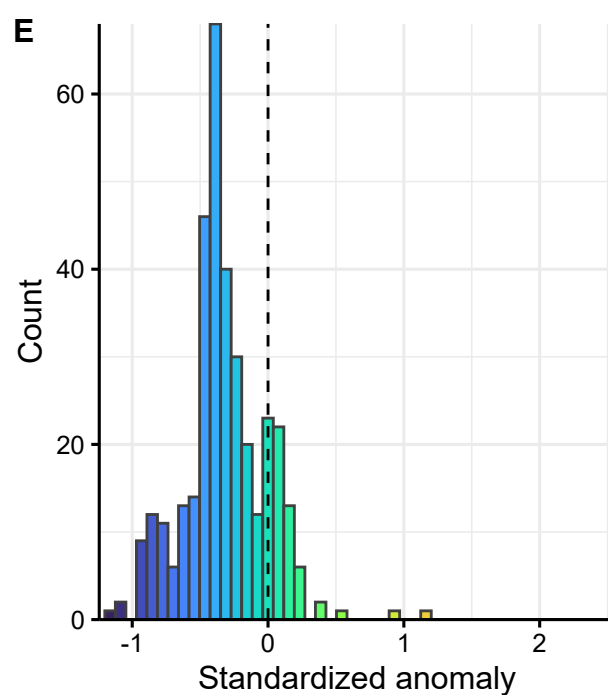
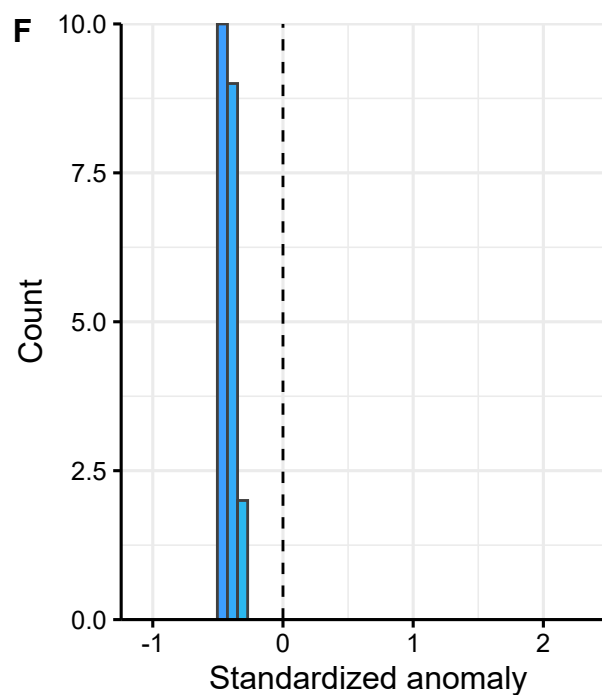
**B**

Caribbean Sea, 355 cells

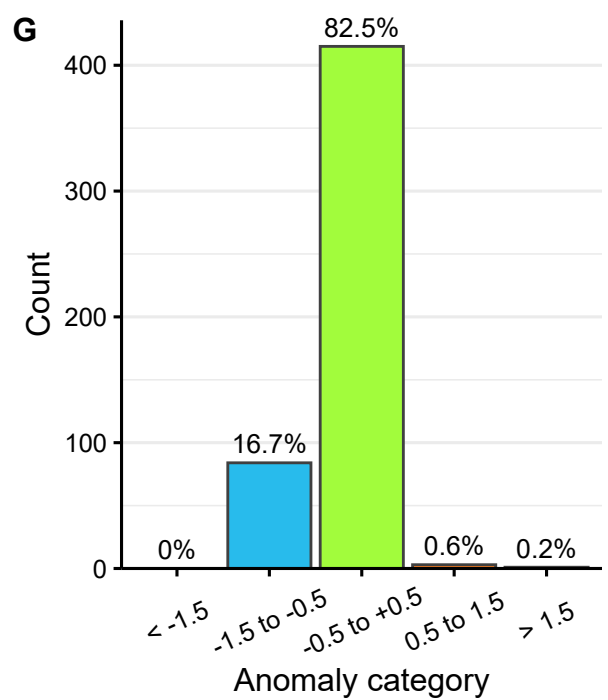
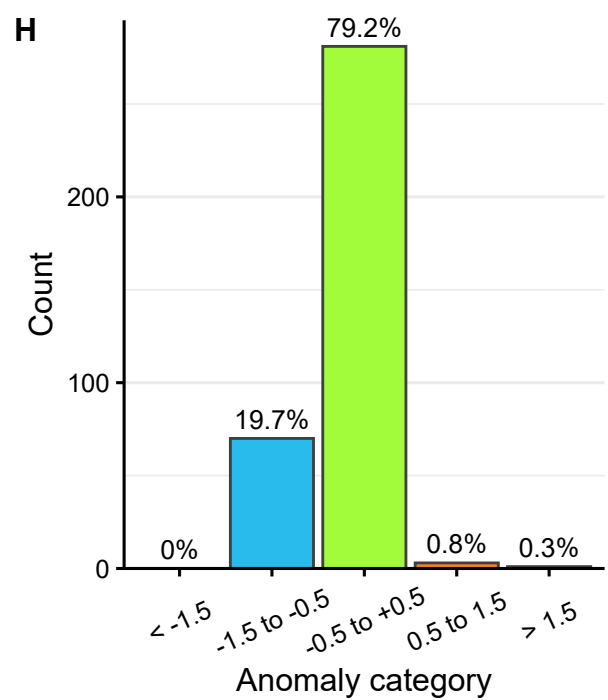
**C**

Spe: *Diadema*  
Exp: swsm

U.S. Caribbean, 21 cells

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

Standardized  
anomaly  
swsm

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