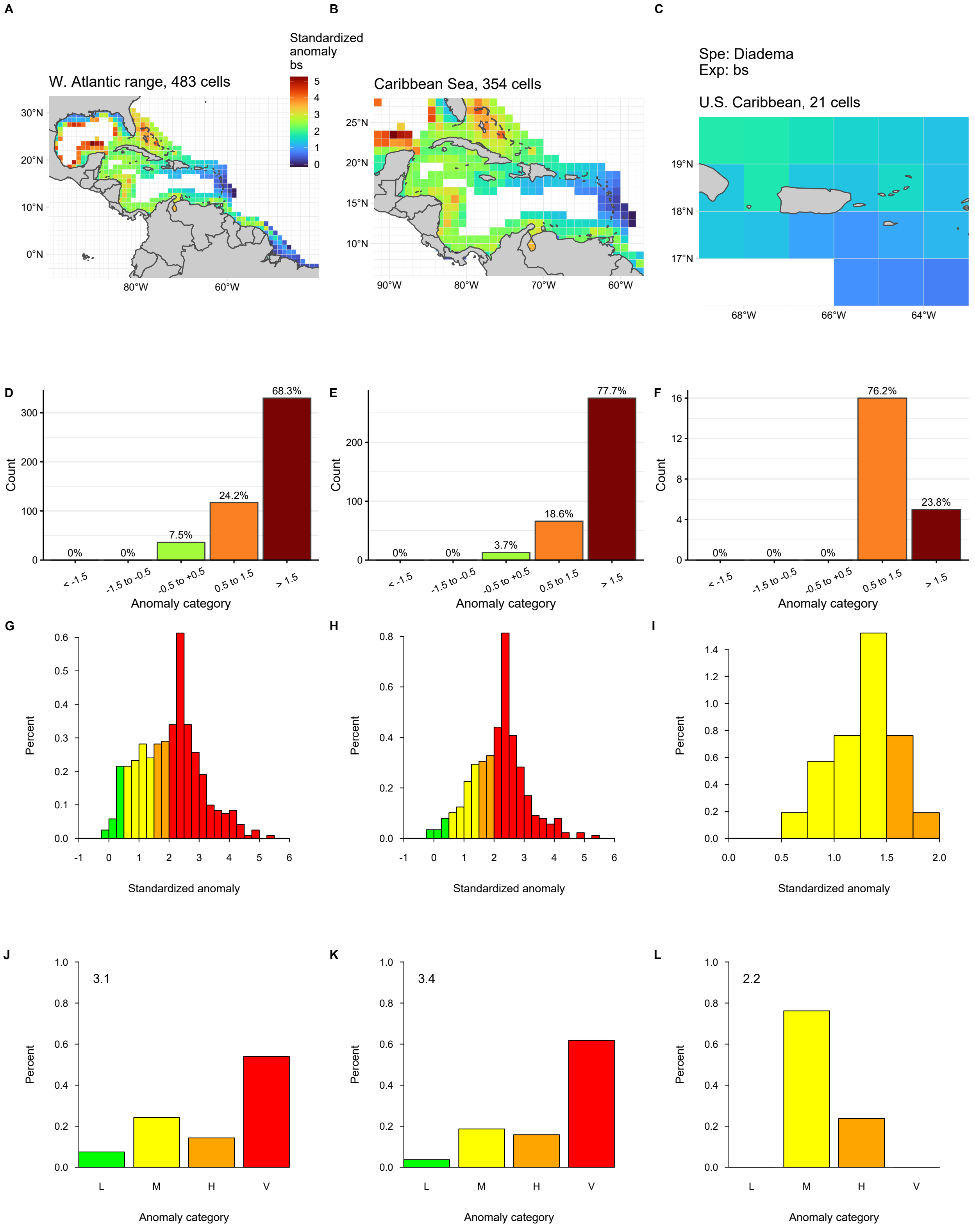
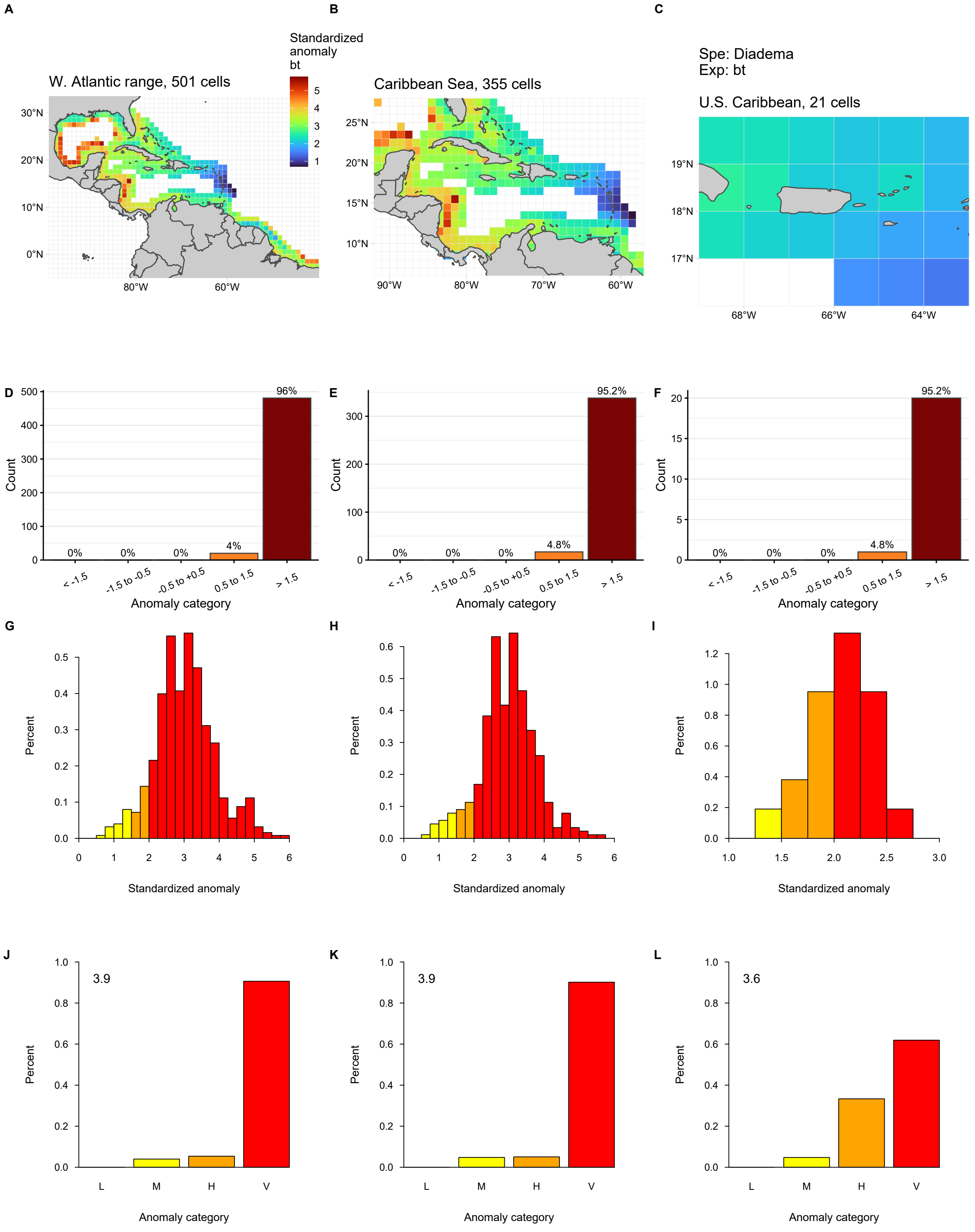
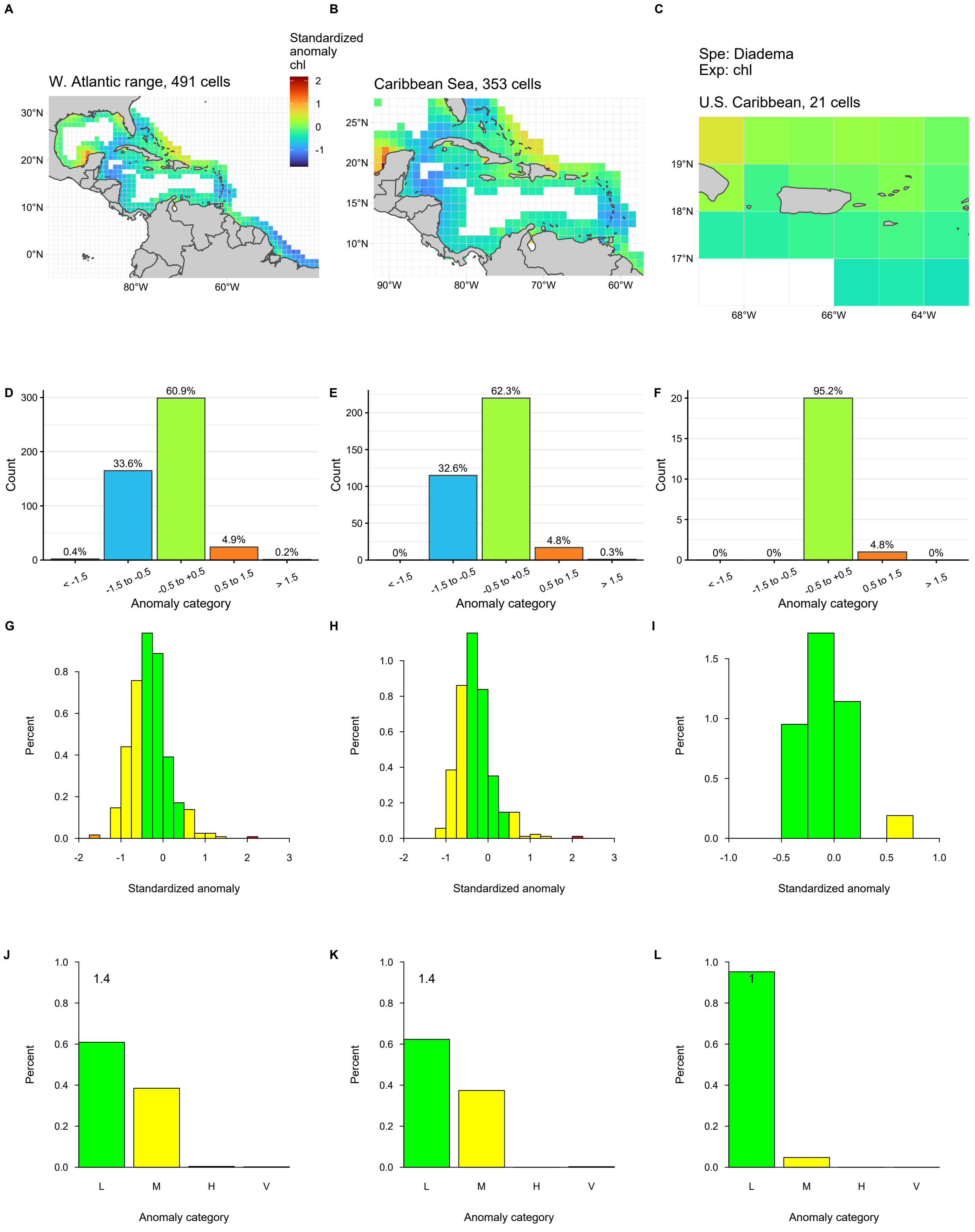
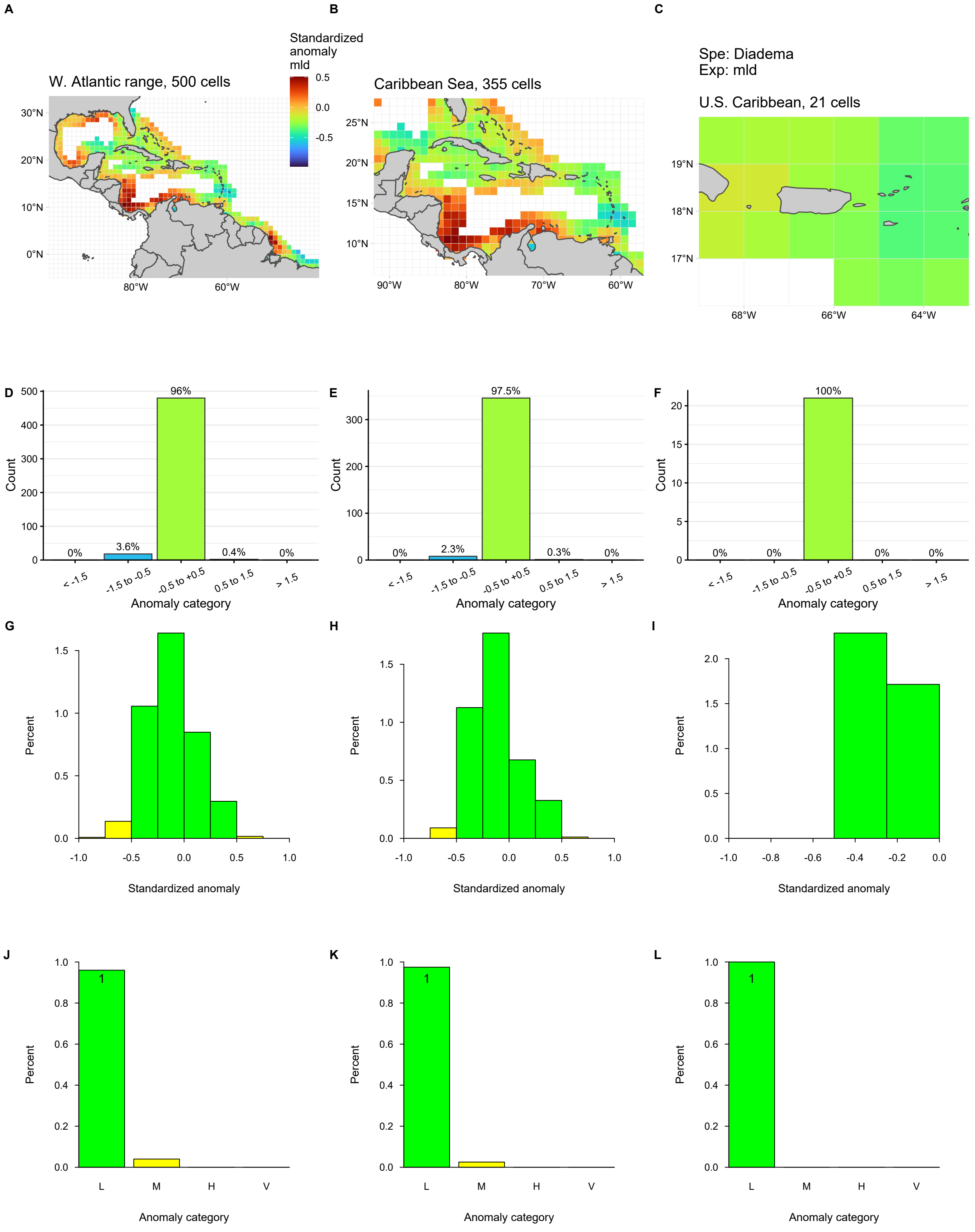
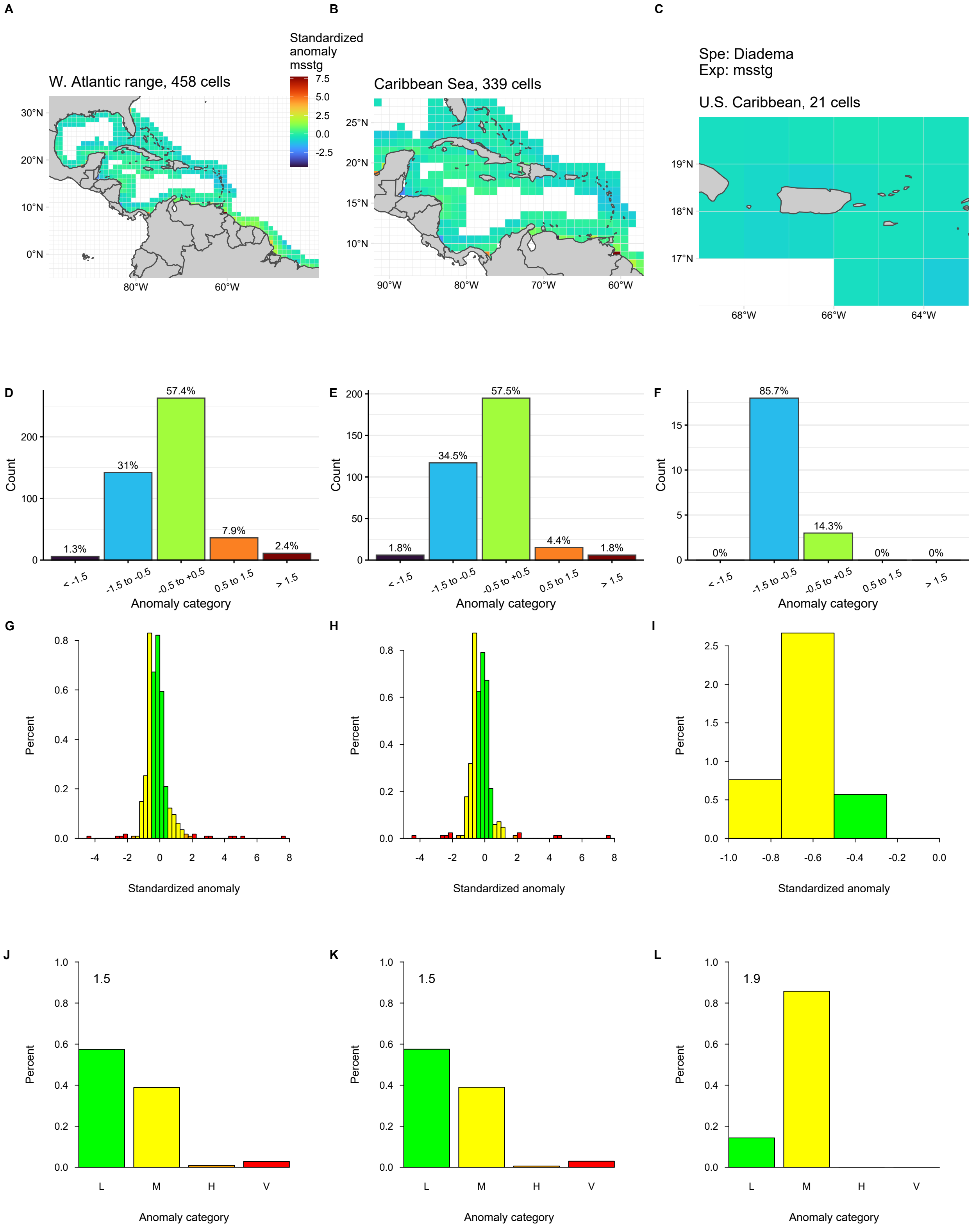
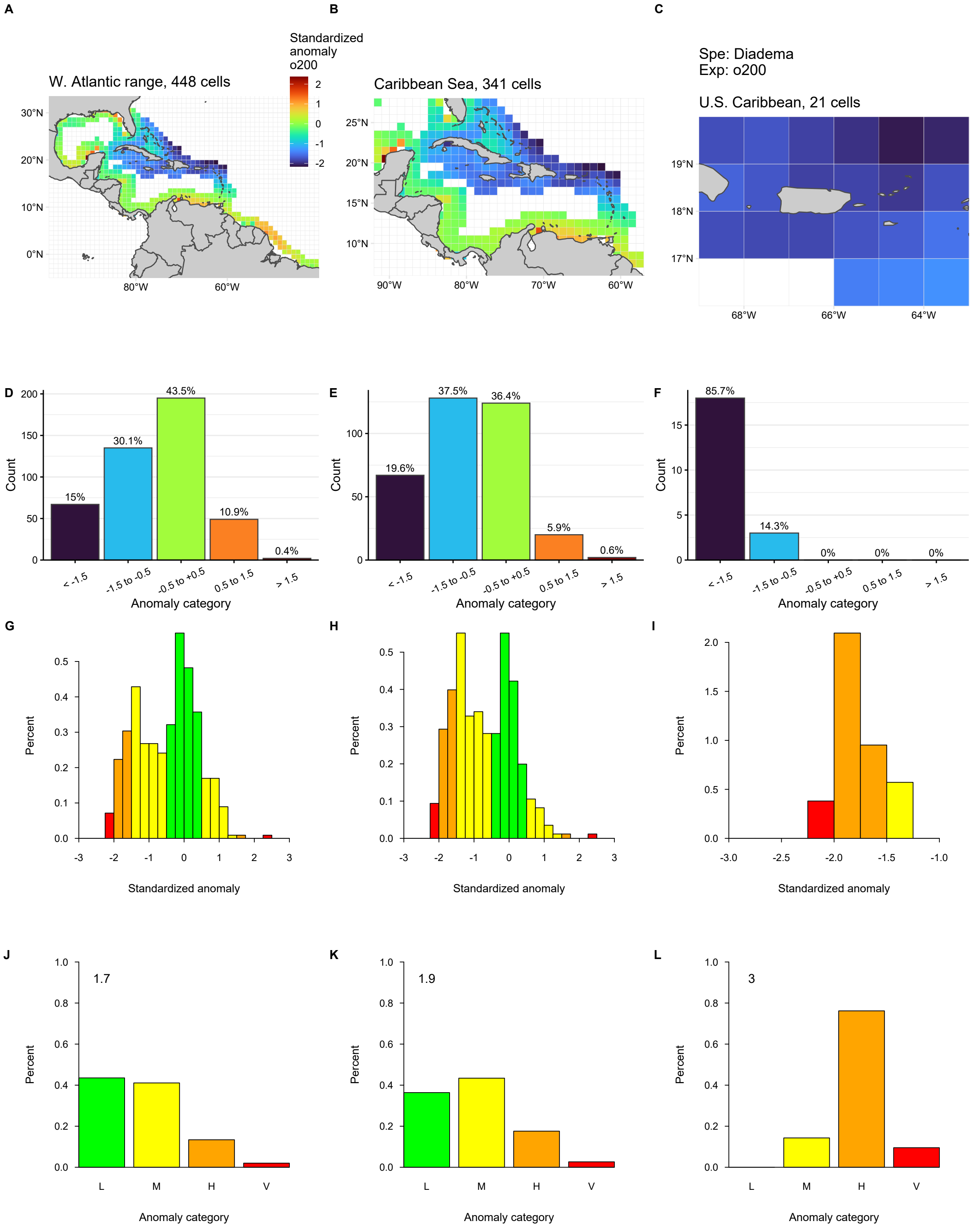

A
B
C
Standardized anomaly bs
W. Atlantic range, 483 cells
Caribbean Sea, 354 cells
Spe: Diadema
Exp: bs
U.S. Caribbean, 21 cells
30°N
20°N
10°N
0°N
80°W
60°W
25°N
15°N
90°W
70°W
19°N
18°N
17°N
68°W
66°W
64°W
D
E
F
Count
Anomaly category
< -1.5
-1.5 to -0.5
-0.5 to +0.5
0.5 to 1.5
> 1.5
0%
7.5%
24.2%
68.3%
3.7%
18.6%
77.7%
23.8%
76.2%
G
H
I
Percent
Standardized anomaly
J
K
L
3.1
3.4
2.2
L
M
H
V

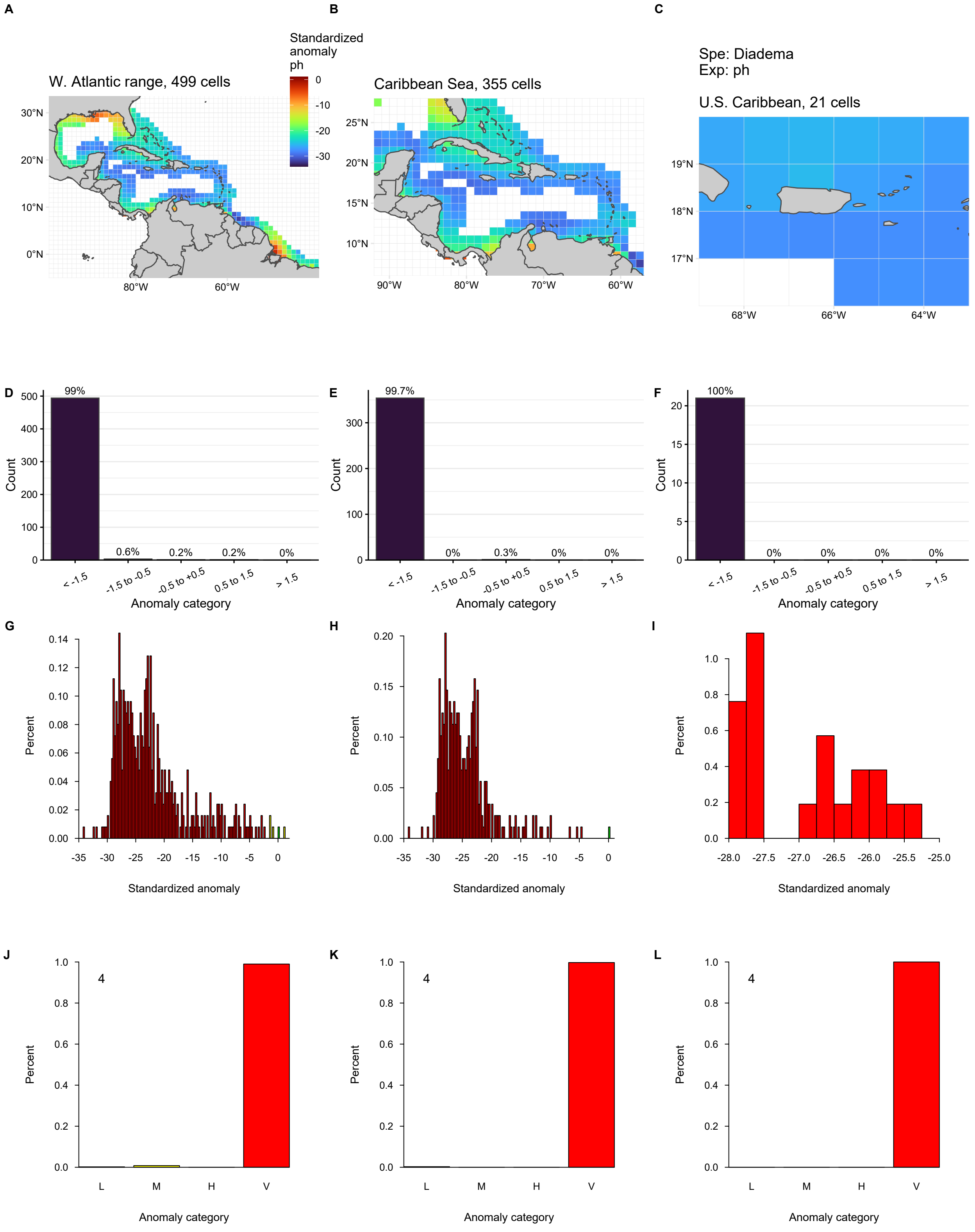

A
B
C
Standardized anomaly bt
W. Atlantic range, 501 cells
Caribbean Sea, 355 cells
Spe: Diadema
Exp: bt
U.S. Caribbean, 21 cells
30°N
20°N
10°N
0°N
80°W
60°W
25°N
15°N
90°W
70°W
19°N
18°N
17°N
68°W
66°W
64°W
D
E
F
Count
Anomaly category
< -1.5
-1.5 to -0.5
-0.5 to +0.5
0.5 to 1.5
> 1.5
0%
4%
96%
4.8%
95.2%
G
H
I
Percent
Standardized anomaly
J
K
L
3.9
3.6
L
M
H
V

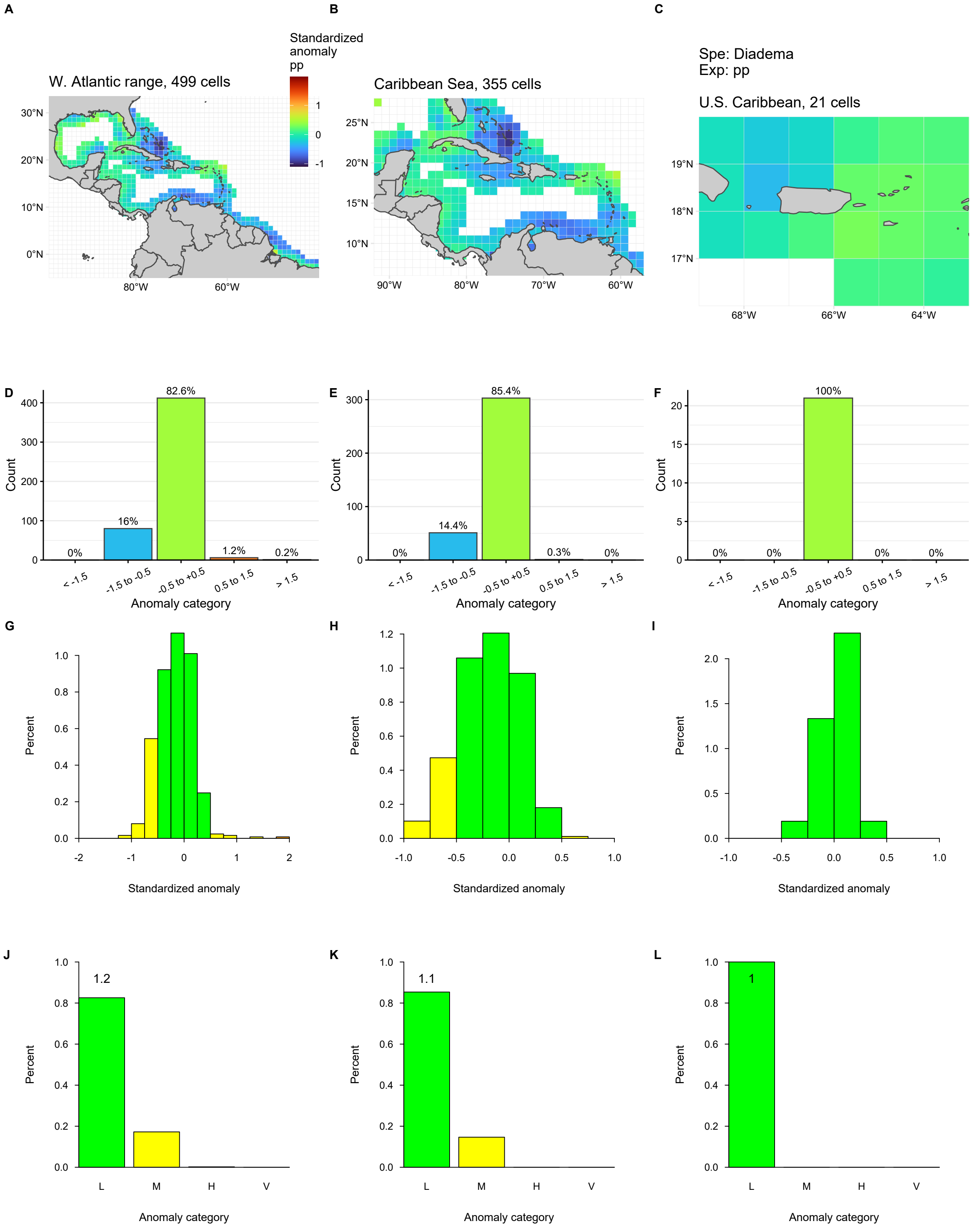

A
B
C
Standardized anomaly chl
W. Atlantic range, 491 cells
Caribbean Sea, 353 cells
Spe: Diadema
Exp: chl
U.S. Caribbean, 21 cells
30°N
20°N
10°N
0°N
80°W
60°W
25°N
15°N
90°W
70°W
19°N
18°N
17°N
68°W
66°W
64°W
D
E
F
Count
60.9%
33.6%
4.9%
0.4%
0.2%
62.3%
32.6%
4.8%
0%
0.3%
95.2%
< -1.5
-1.5 to -0.5
-0.5 to +0.5
0.5 to 1.5
> 1.5
Anomaly category
G
H
I
Percent
Standardized anomaly
J
K
L
1.4
1
L
M
H
V
Anomaly category

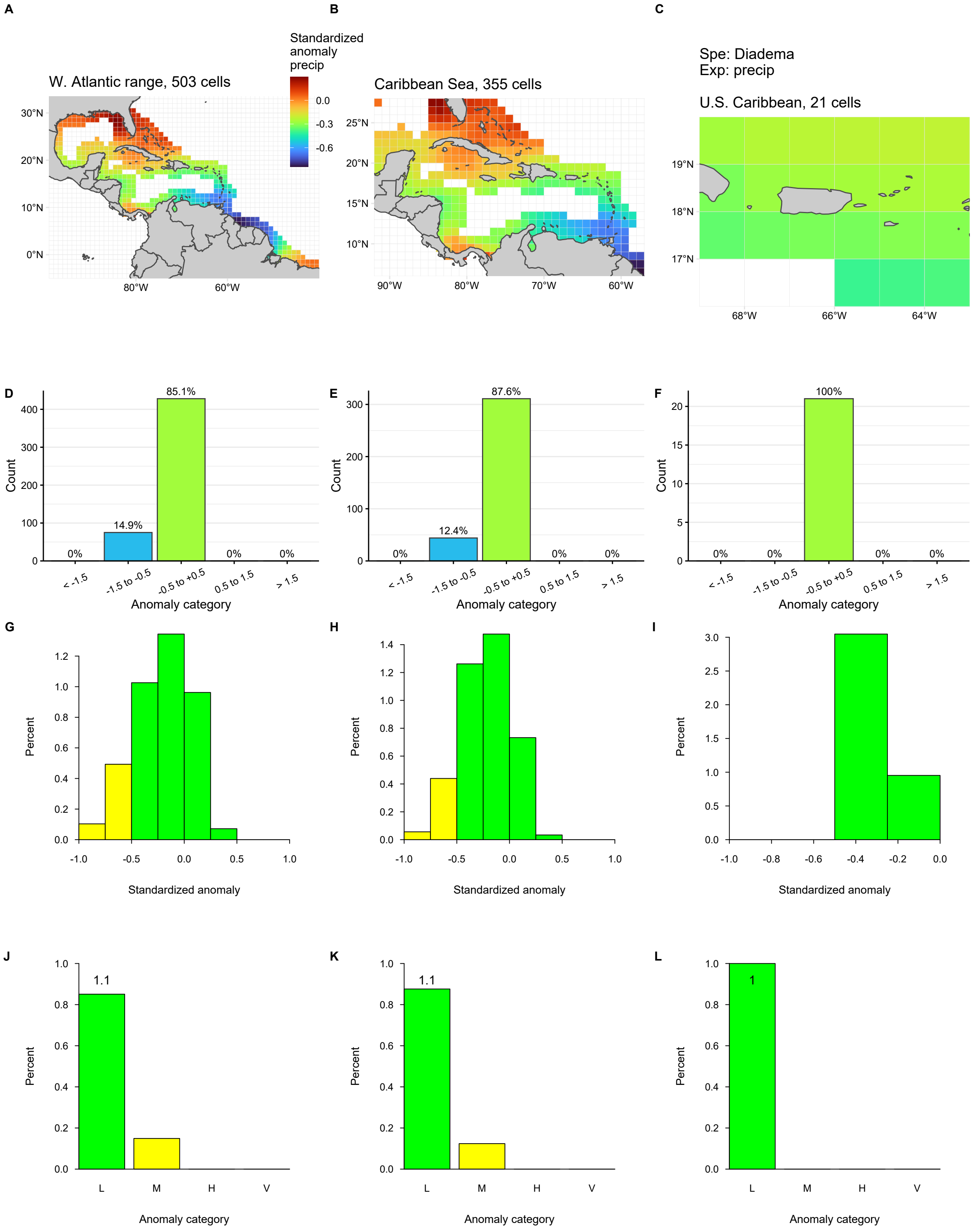

A
B
C
Standardized anomaly mld
0.5
0.0
-0.5
W. Atlantic range, 500 cells
30°N
20°N
10°N
0°N
80°W
60°W
Caribbean Sea, 355 cells
25°N
20°N
15°N
10°N
90°W
80°W
70°W
60°W
Spe: Diadema
Exp: mld
U.S. Caribbean, 21 cells
19°N
18°N
17°N
68°W
66°W
64°W
D
E
F
Count
96%
3.6%
0%
0.4%
0%
97.5%
2.3%
0%
0.3%
0%
100%
0%
0%
0%
0%
< -1.5
-1.5 to -0.5
-0.5 to +0.5
0.5 to 1.5
> 1.5
Anomaly category
G
H
I
Percent
Standardized anomaly
J
K
L
1
L
M
H
V
Anomaly category

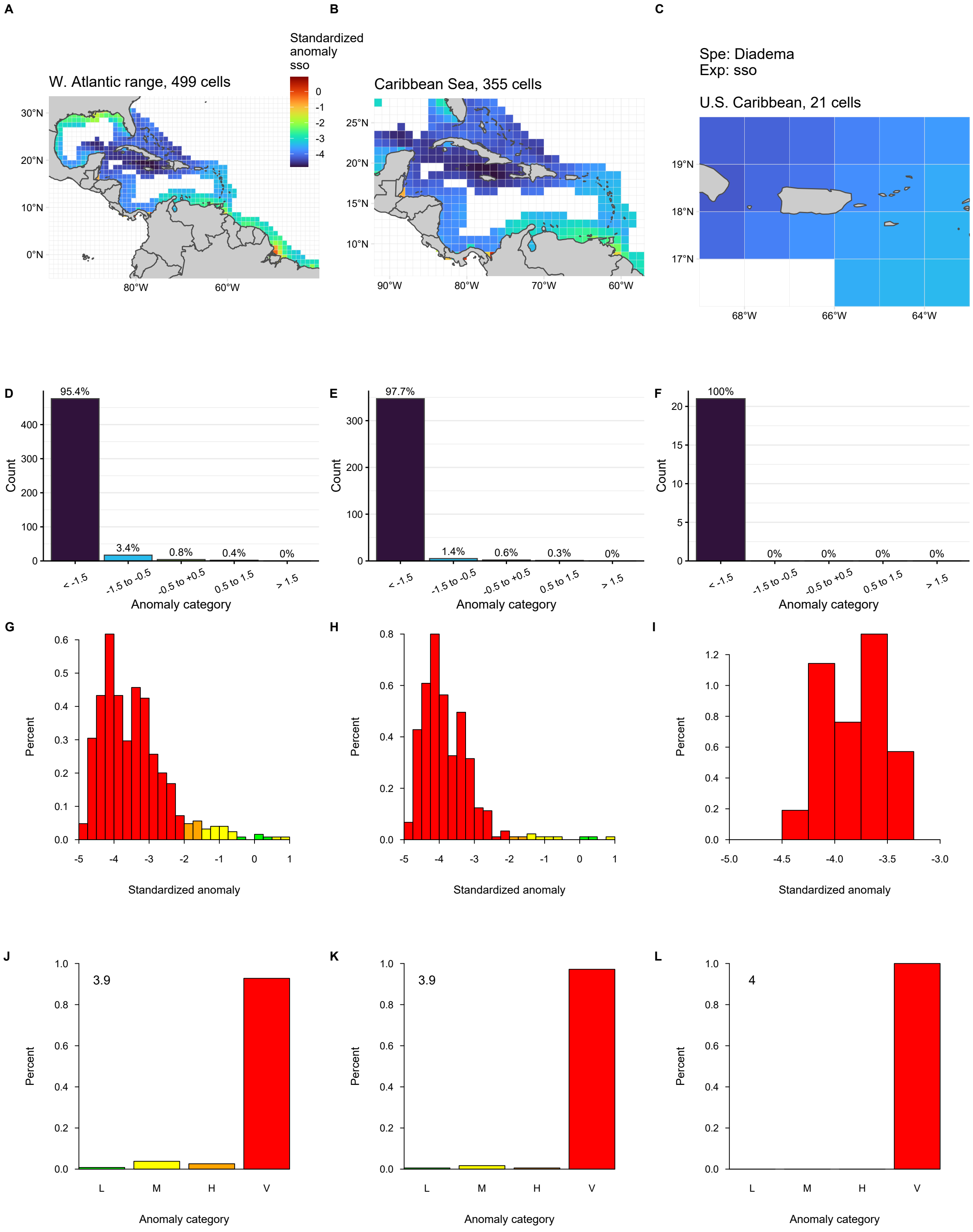

A
B
C
Standardized anomaly msstg
7.5
5.0
2.5
0.0
-2.5
W. Atlantic range, 458 cells
Caribbean Sea, 339 cells
Spe: Diadema
Exp: msstg
U.S. Caribbean, 21 cells
30°N
20°N
10°N
0°N
80°W
60°W
25°N
15°N
90°W
70°W
19°N
18°N
17°N
68°W
66°W
64°W
D
E
F
Count
Anomaly category
< -1.5
-1.5 to -0.5
-0.5 to +0.5
0.5 to 1.5
> 1.5
1.3%
31%
57.4%
7.9%
2.4%
1.8%
34.5%
57.5%
4.4%
1.8%
0%
85.7%
14.3%
0%
0%
G
H
I
Percent
Standardized anomaly
J
K
L
1.5
1.5
1.9
L
M
H
V

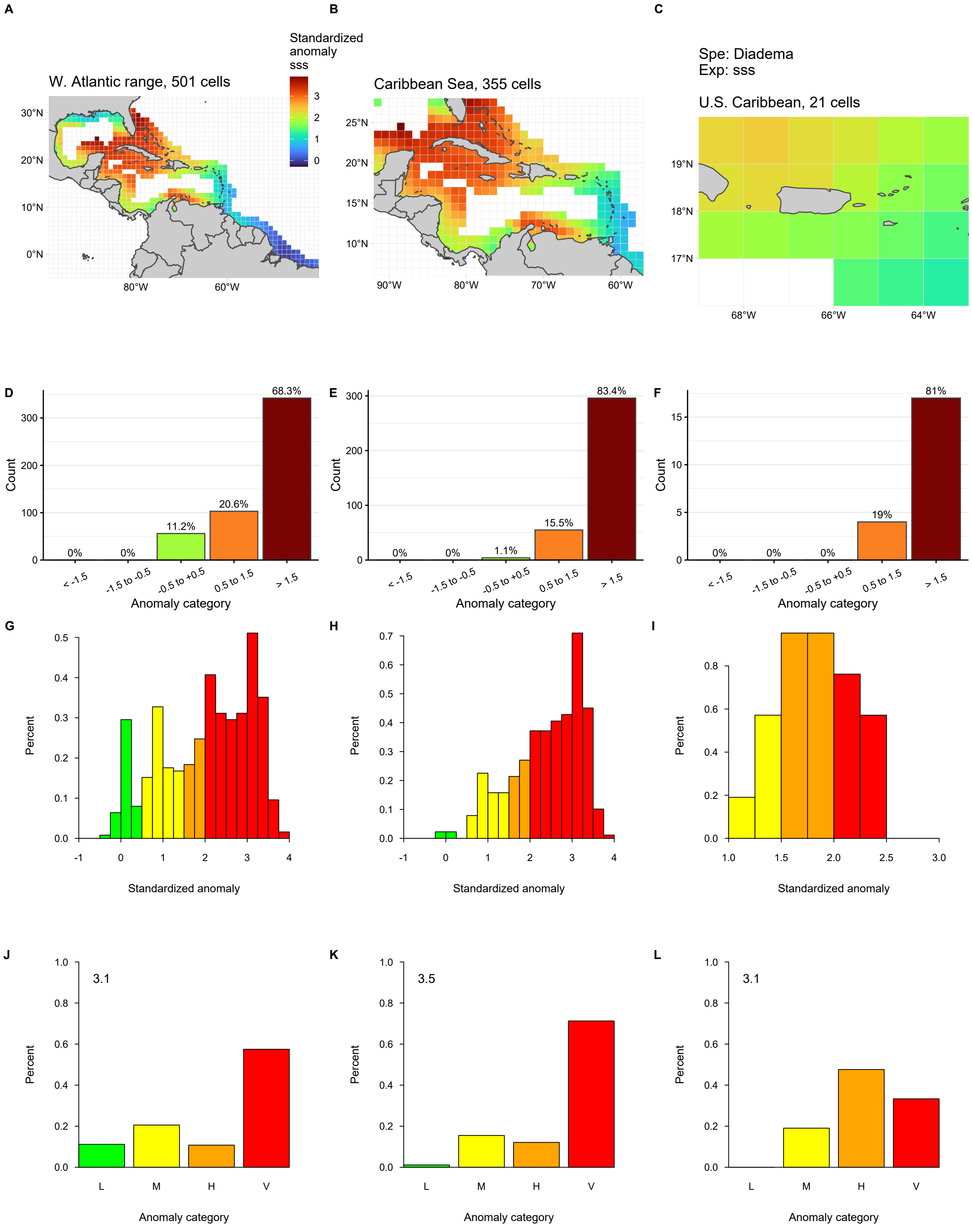

A
B
C
Standardized anomaly o200
W. Atlantic range, 448 cells
Caribbean Sea, 341 cells
Spe: Diadema
Exp: o200
U.S. Caribbean, 21 cells
30°N
20°N
10°N
0°N
80°W
60°W
25°N
15°N
90°W
70°W
19°N
18°N
17°N
68°W
66°W
64°W
D
E
F
Count
15%
30.1%
43.5%
10.9%
0.4%
19.6%
37.5%
36.4%
5.9%
0.6%
85.7%
14.3%
0%
< -1.5
-1.5 to -0.5
-0.5 to +0.5
0.5 to 1.5
> 1.5
Anomaly category
G
H
I
Percent
Standardized anomaly
J
K
L
1.7
1.9
3
L
M
H
V
Anomaly category

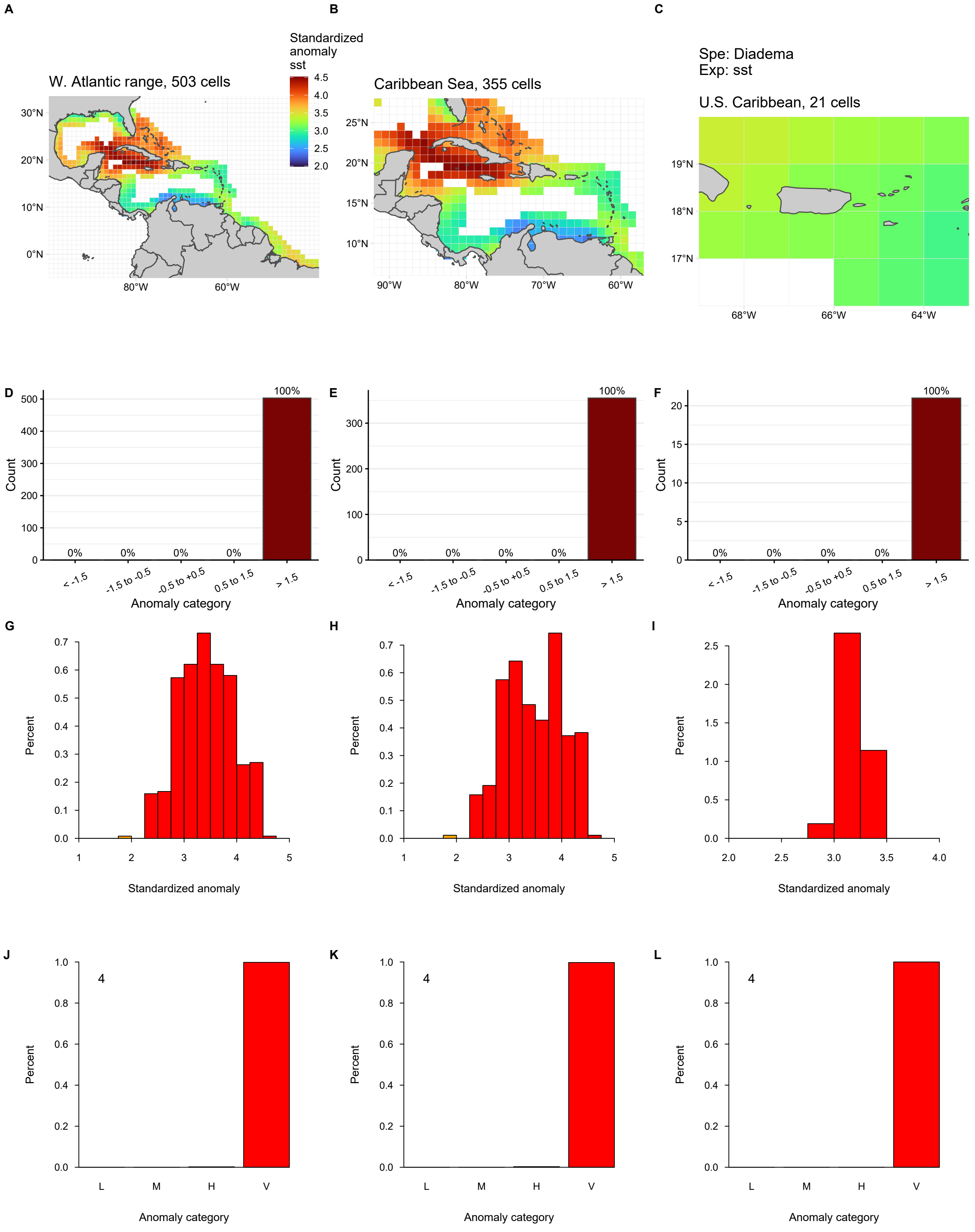

A
B
C
Standardized anomaly ph
0
-10
-20
-30
W. Atlantic range, 499 cells
30°N
20°N
10°N
0°N
80°W
60°W
Caribbean Sea, 355 cells
25°N
20°N
15°N
10°N
90°W
80°W
70°W
60°W
Spe: Diadema
Exp: ph
U.S. Caribbean, 21 cells
19°N
18°N
17°N
68°W
66°W
64°W
D
99%
0.6%
0.2%
0.2%
0%
E
99.7%
0%
0.3%
0%
0%
F
100%
0%
0%
0%
0%
Count
< -1.5
-1.5 to -0.5
-0.5 to +0.5
0.5 to 1.5
> 1.5
Anomaly category
G
H
I
Percent
Standardized anomaly
J
K
L
4
L
M
H
V
Anomaly category

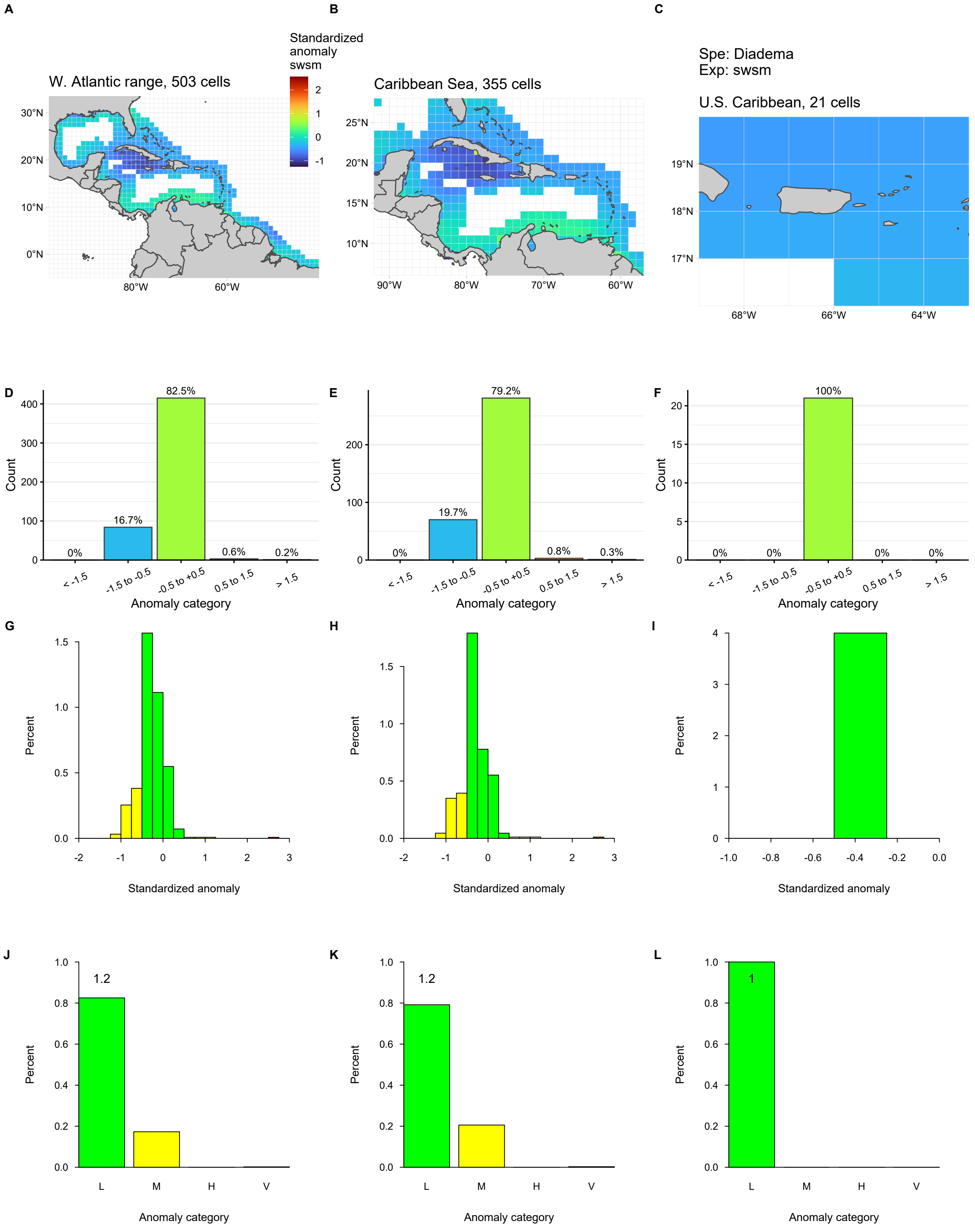

A
B
C
Standardized anomaly pp
W. Atlantic range, 499 cells
Caribbean Sea, 355 cells
Spe: Diadema
Exp: pp
U.S. Caribbean, 21 cells
30°N
20°N
10°N
0°N
80°W
60°W
25°N
15°N
90°W
70°W
19°N
18°N
17°N
68°W
66°W
64°W
D
E
F
Count
82.6%
16%
1.2%
0.2%
0%
85.4%
14.4%
0.3%
100%
< -1.5
-1.5 to -0.5
-0.5 to +0.5
0.5 to 1.5
> 1.5
Anomaly category
G
H
I
Percent
Standardized anomaly
J
K
L
1.2
1.1
1
L
M
H
V
Anomaly category


A
B
C
Standardized anomaly precip
0.0
-0.3
-0.6
W. Atlantic range, 503 cells
Caribbean Sea, 355 cells
Spe: Diadema
Exp: precip
U.S. Caribbean, 21 cells
30°N
20°N
10°N
0°N
80°W
60°W
25°N
15°N
90°W
70°W
19°N
18°N
17°N
68°W
66°W
64°W
D
E
F
Count
85.1%
14.9%
87.6%
12.4%
100%
0%
< -1.5
-1.5 to -0.5
-0.5 to +0.5
0.5 to 1.5
> 1.5
Anomaly category
G
H
I
Percent
Standardized anomaly
J
K
L
1.1
1
L
M
H
V


A
B
C
Standardized anomaly sso
W. Atlantic range, 499 cells
Caribbean Sea, 355 cells
Spe: Diadema
Exp: sso
U.S. Caribbean, 21 cells
30°N
20°N
10°N
0°N
80°W
60°W
25°N
15°N
90°W
70°W
19°N
18°N
17°N
68°W
66°W
64°W
D
E
F
95.4%
3.4%
0.8%
0.4%
0%
97.7%
1.4%
0.6%
0.3%
100%
Count
< -1.5
-1.5 to -0.5
-0.5 to +0.5
0.5 to 1.5
> 1.5
Anomaly category
G
H
I
Percent
Standardized anomaly
J
K
L
3.9
4
L
M
H
V
Anomaly category


A
B
C
Standardized anomaly sss
W. Atlantic range, 501 cells
Caribbean Sea, 355 cells
Spe: Diadema
Exp: sss
U.S. Caribbean, 21 cells
30°N
20°N
10°N
0°N
80°W
60°W
25°N
15°N
90°W
70°W
19°N
18°N
17°N
68°W
66°W
64°W
D
E
F
Count
Anomaly category
< -1.5
-1.5 to -0.5
-0.5 to +0.5
0.5 to 1.5
> 1.5
0%
11.2%
20.6%
68.3%
1.1%
15.5%
83.4%
19%
81%
G
H
I
Percent
Standardized anomaly
J
K
L
3.1
3.5
L
M
H
V


A
B
C
Standardized anomaly sst
4.5
4.0
3.5
3.0
2.5
2.0
W. Atlantic range, 503 cells
30°N
20°N
10°N
0°N
80°W
60°W
Caribbean Sea, 355 cells
25°N
20°N
15°N
10°N
90°W
80°W
70°W
60°W
Spe: Diadema
Exp: sst
U.S. Caribbean, 21 cells
19°N
18°N
17°N
68°W
66°W
64°W
D
E
F
Count
100%
0%
< -1.5
-1.5 to -0.5
-0.5 to +0.5
0.5 to 1.5
> 1.5
Anomaly category
G
H
I
Percent
Standardized anomaly
J
K
L
4
L
M
H
V
Anomaly category


A
B
C
Standardized anomaly swsm
W. Atlantic range, 503 cells
Caribbean Sea, 355 cells
Spe: Diadema
Exp: swsm
U.S. Caribbean, 21 cells
30°N
20°N
10°N
0°N
80°W
60°W
25°N
15°N
90°W
70°W
19°N
18°N
17°N
68°W
66°W
64°W
D
E
F
Count
82.5%
16.7%
0%
0.6%
0.2%
79.2%
19.7%
0.8%
0.3%
100%
< -1.5
-1.5 to -0.5
-0.5 to +0.5
0.5 to 1.5
> 1.5
Anomaly category
G
H
I
Percent
Standardized anomaly
J
K
L
1.2
1
L
M
H
V
Anomaly category