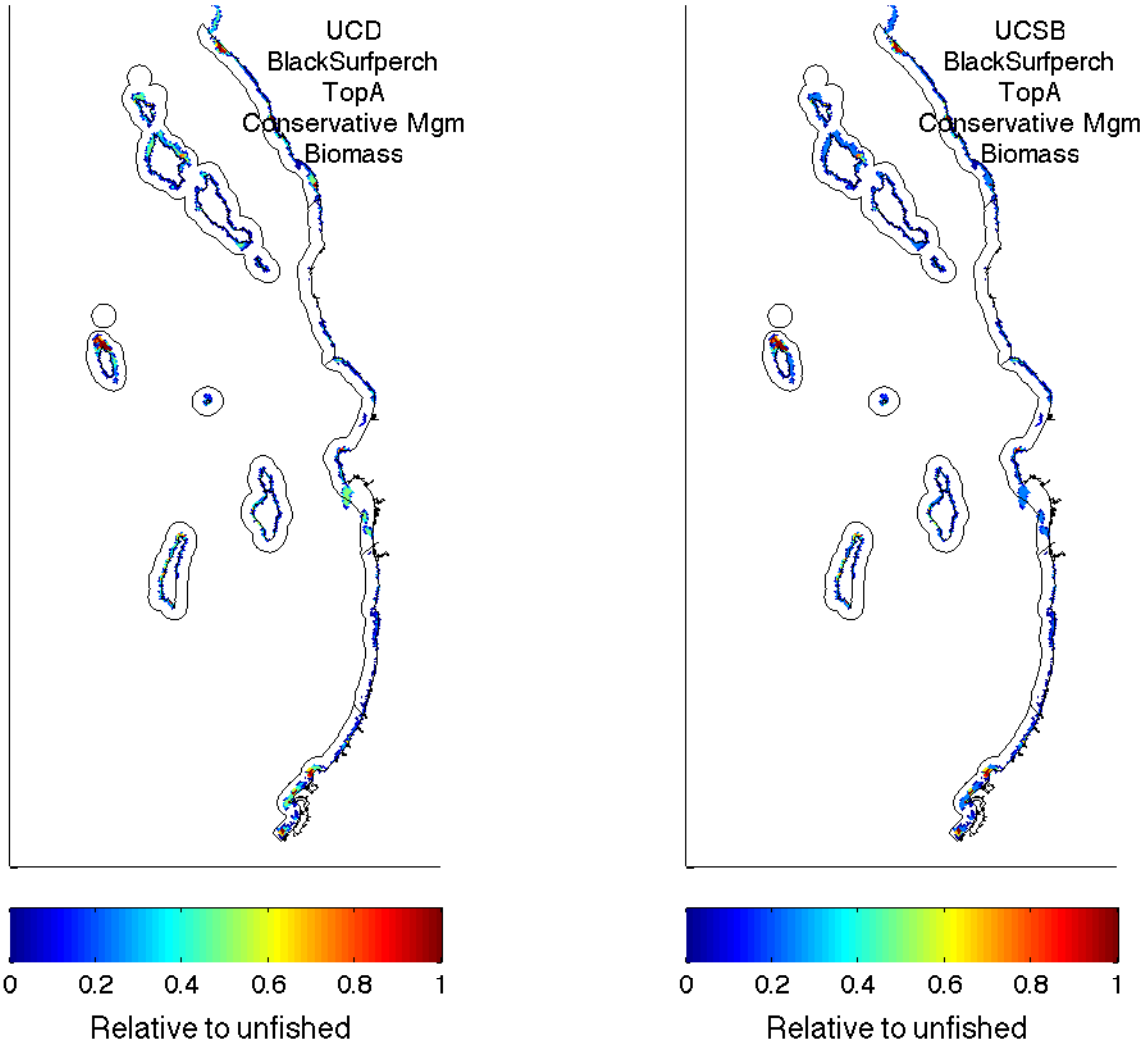
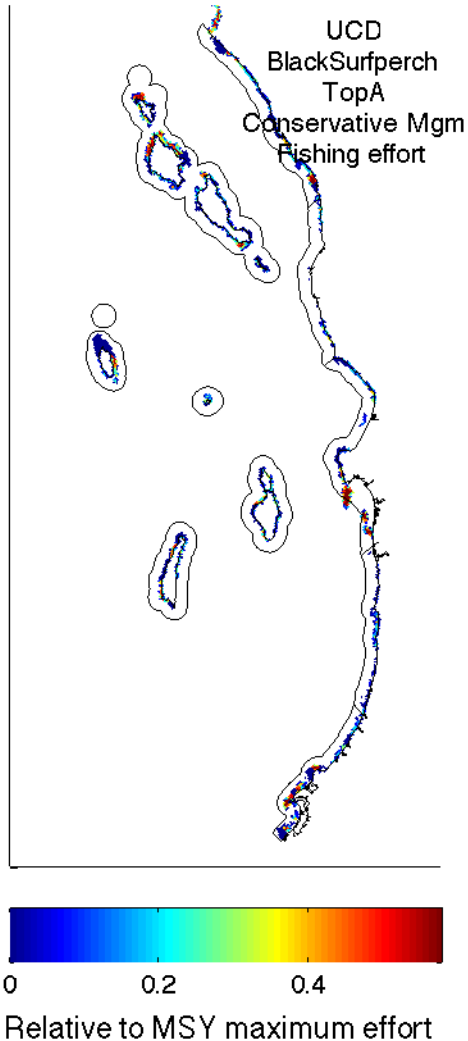
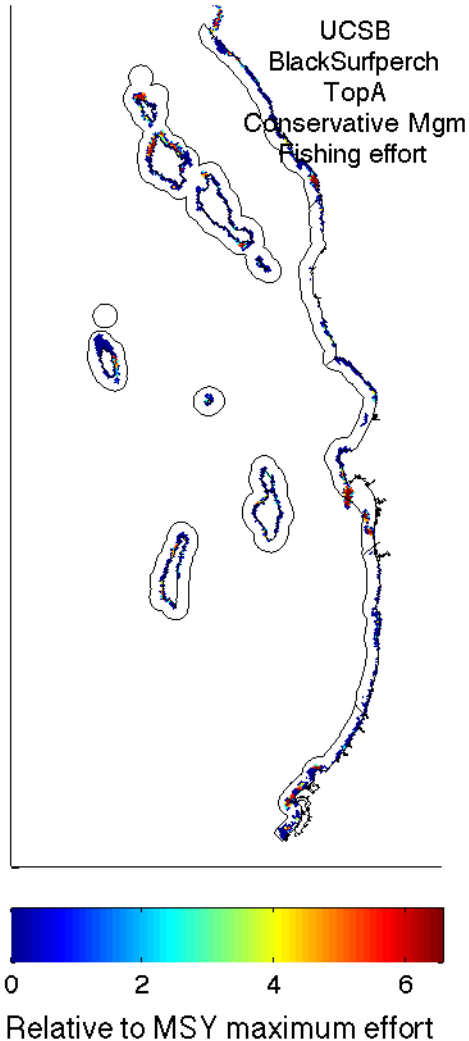
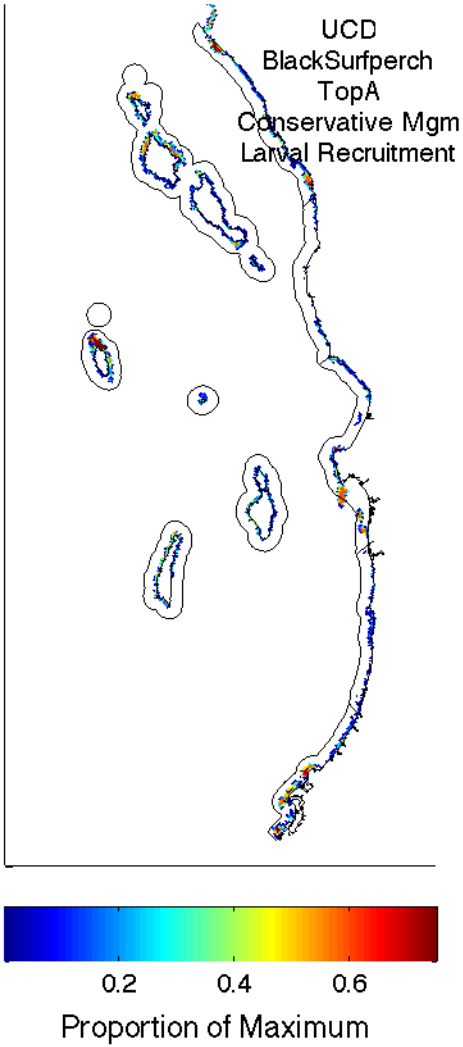
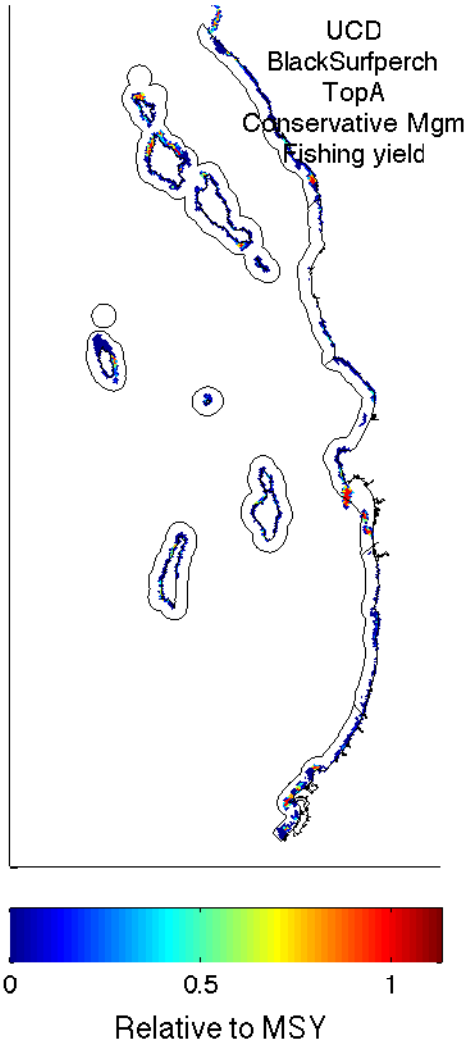
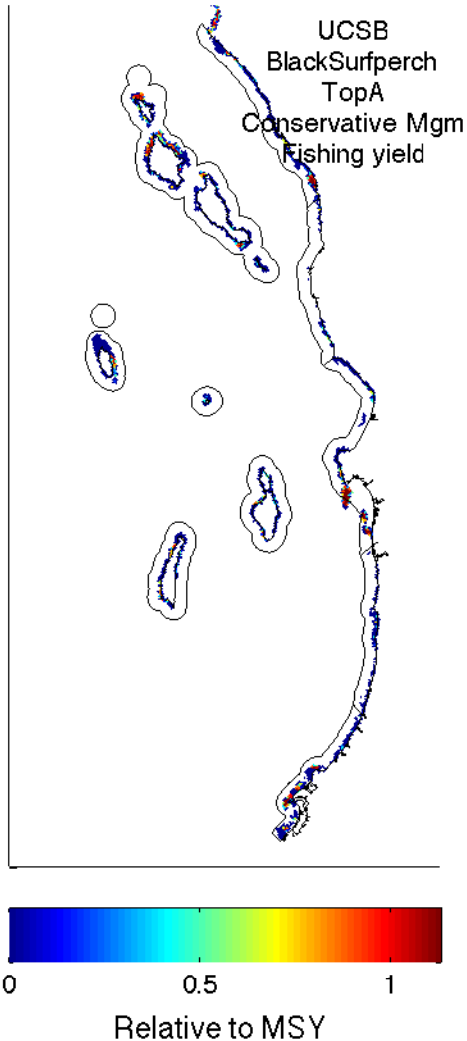

UCD
BlackSurfperch
TopA
Conservative Mgm
Biomass
0
0.2
0.4
0.6
0.8
1
Relative to unfished
UCSB
BlackSurfperch
TopA
Conservative Mgm
Biomass
0
0.2
0.4
0.6
0.8
1
Relative to unfished

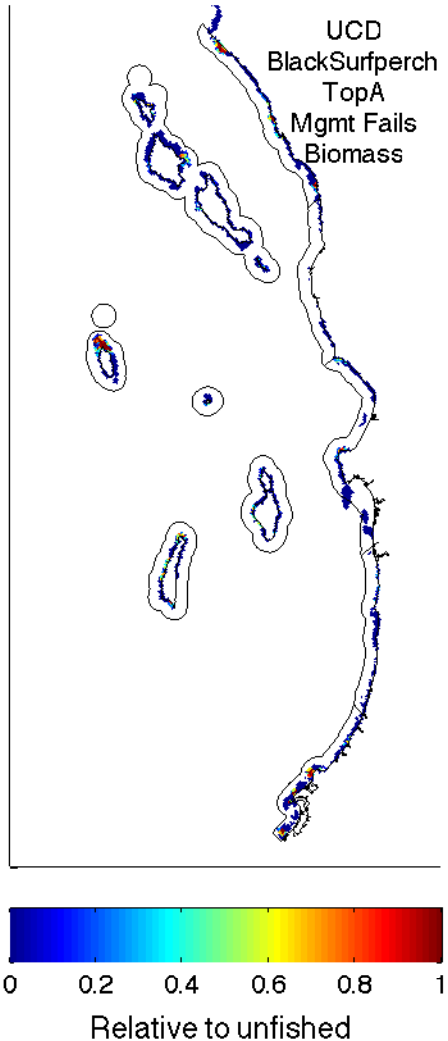

UCD
BlackSurfperch
TopA
Conservative Mgm
Fishing effort
0
0.2
0.4
Relative to MSY maximum effort

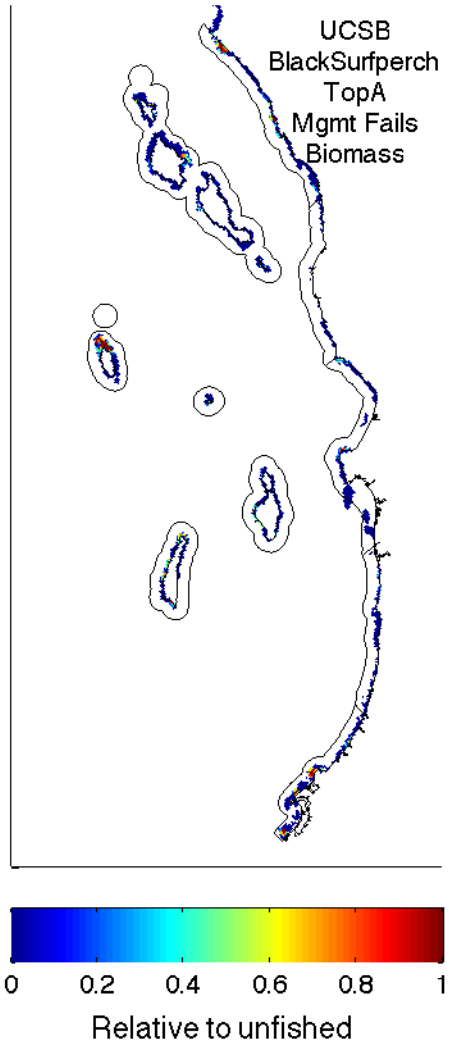

UCSB
BlackSurfperch
TopA
Conservative Mgm
Fishing effort
0
2
4
6
Relative to MSY maximum effort

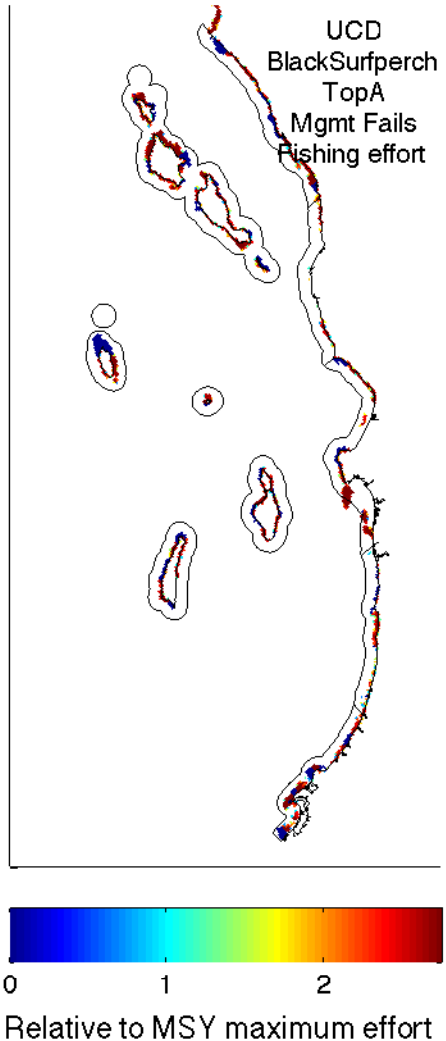

UCD
BlackSurfperch
TopA
Conservative Mgm
Larval Recruitment
0.2
0.4
0.6
Proportion of Maximum

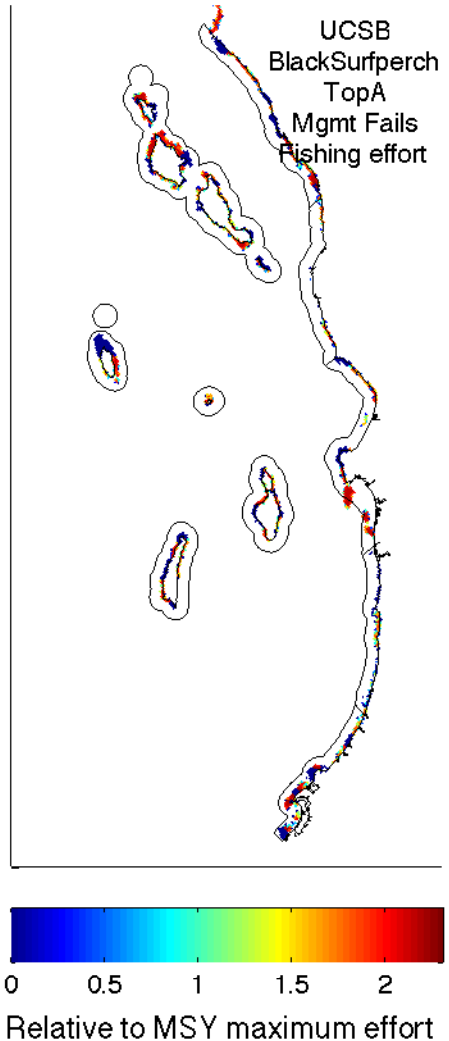

UCD
BlackSurfperch
TopA
Conservative Mgm
Fishing yield
0
0.5
1
Relative to MSY

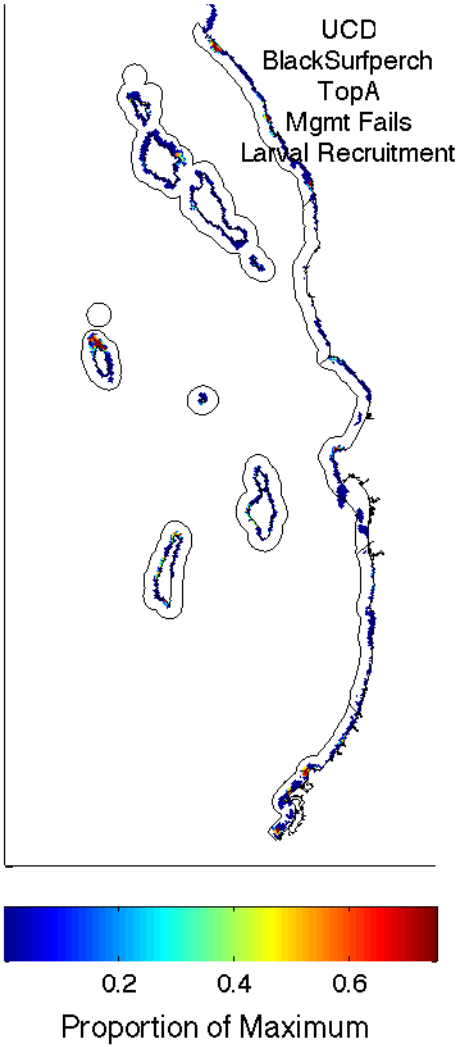

UCSB
BlackSurfperch
TopA
Conservative Mgm
Fishing yield
0
0.5
1
Relative to MSY

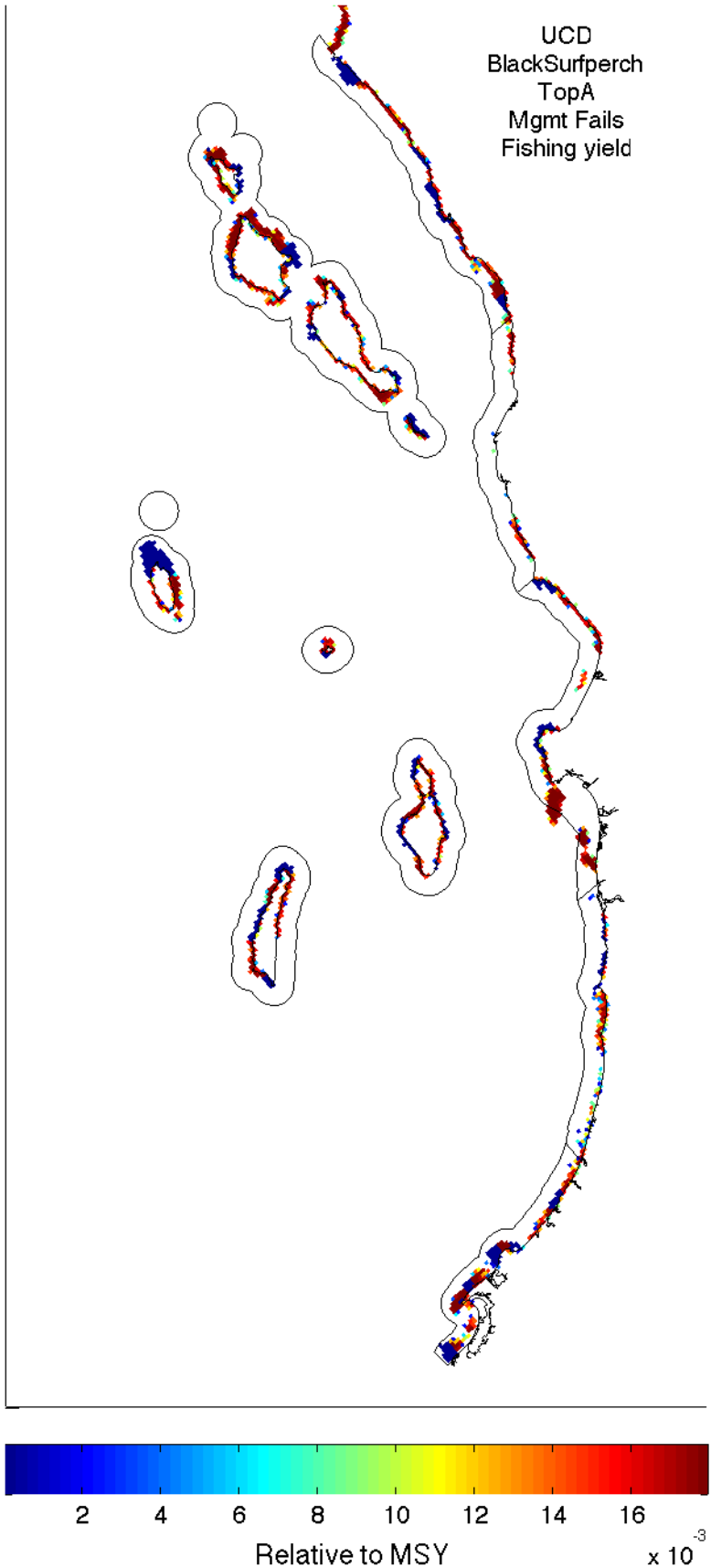

UCD
BlackSurfperch
TopA
Mgmt Fails
Biomass
0
0.2
0.4
0.6
0.8
1
Relative to unfished

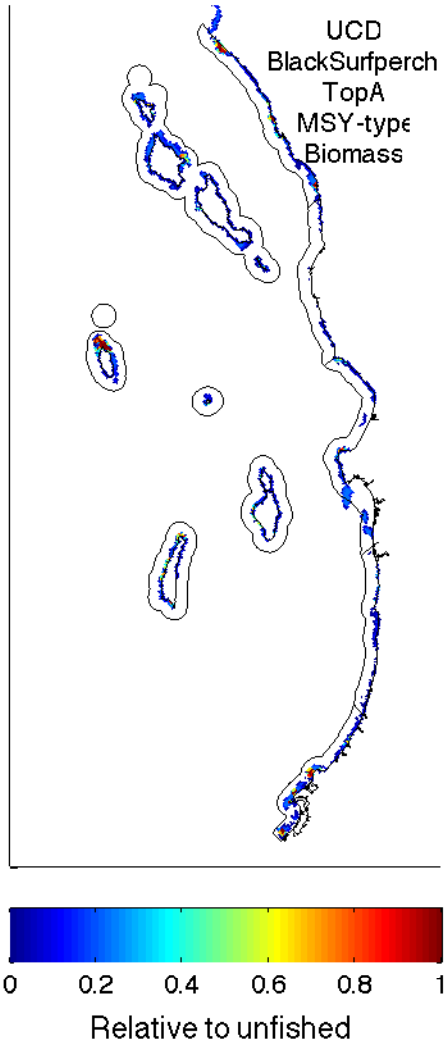

UCSB
BlackSurfperch
TopA
Mgmt Fails
Biomass
0
0.2
0.4
0.6
0.8
1
Relative to unfished

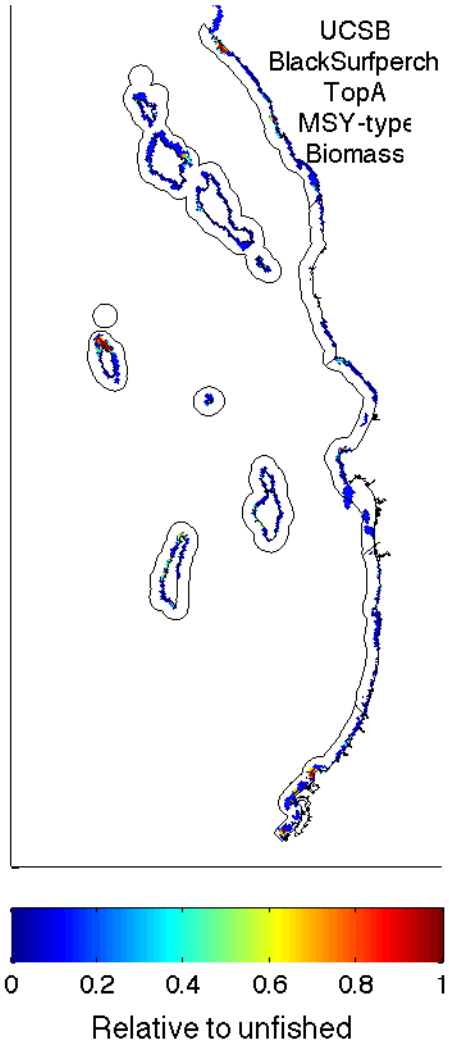

UCD
BlackSurfperch
TopA
Mgmt Fails
Fishing effort
0
1
2
Relative to MSY maximum effort

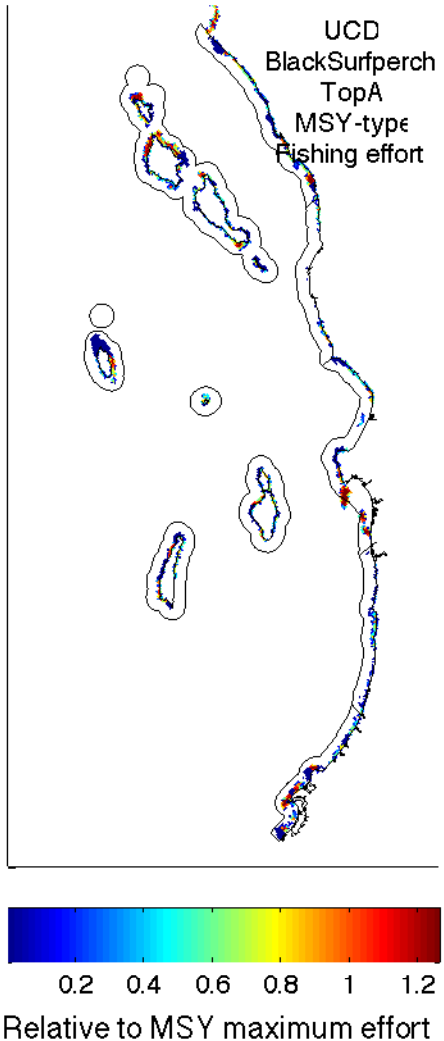

UCSB
BlackSurfperch
TopA
Mgmt Fails
Fishing effort
0
0.5
1
1.5
2
Relative to MSY maximum effort

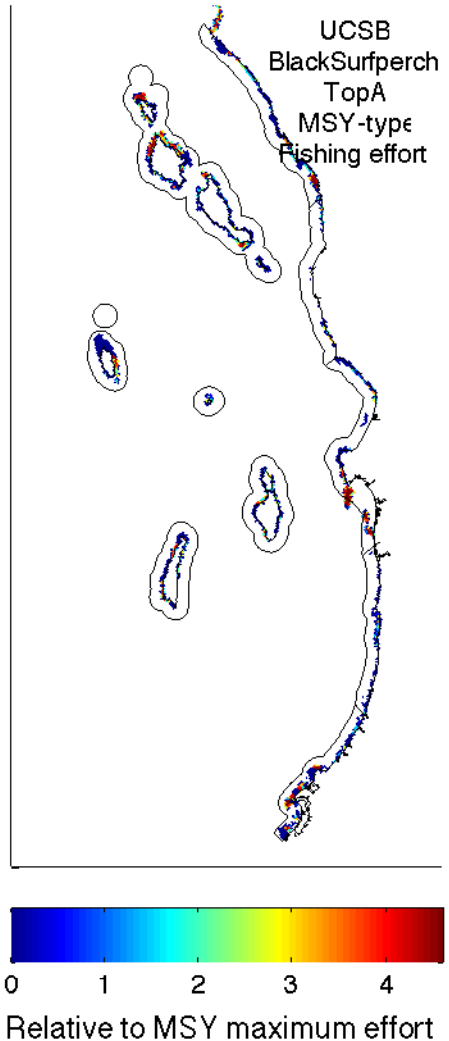

UCD
BlackSurfperch
TopA
Mgmt Fails
Larval Recruitment
0.2
0.4
0.6
Proportion of Maximum

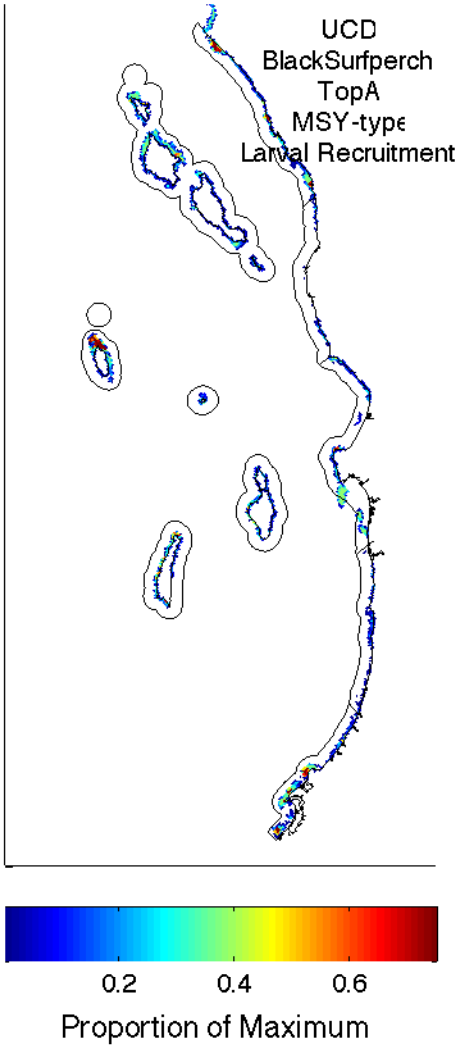

UCD
BlackSurfperch
TopA
Mgmt Fails
Fishing yield
2
4
6
8
10
12
14
16
Relative to MSY
x 10^-3

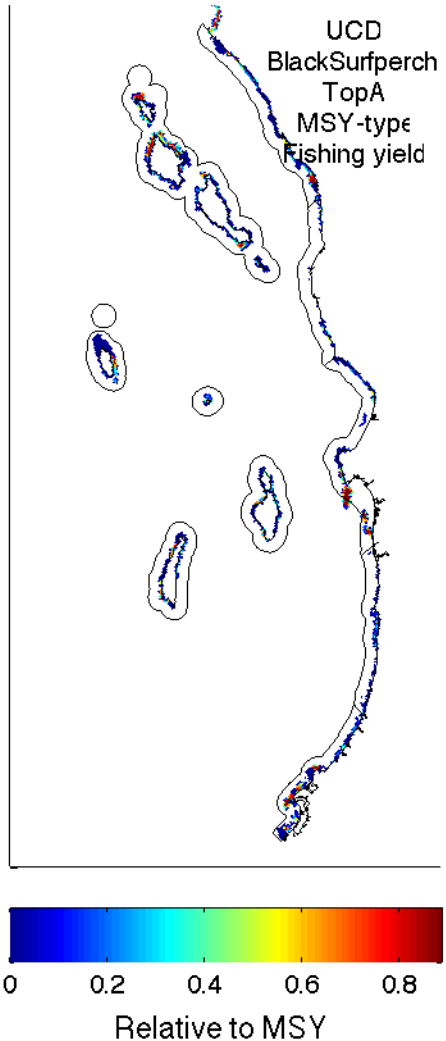

UCD
BlackSurfperch
TopA
MSY-type
Biomass
0
0.2
0.4
0.6
0.8
1
Relative to unfished

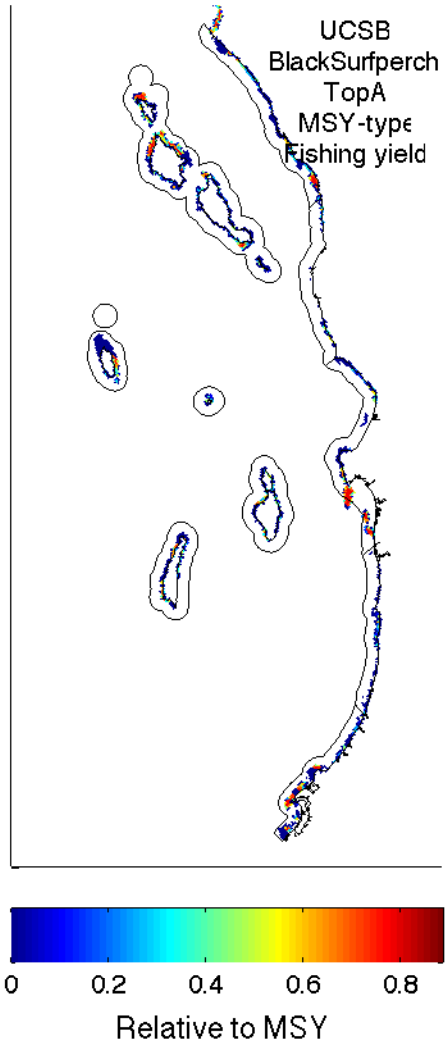

UCSB
BlackSurfperch
TopA
MSY-type
Biomass
0
0.2
0.4
0.6
0.8
1
Relative to unfished

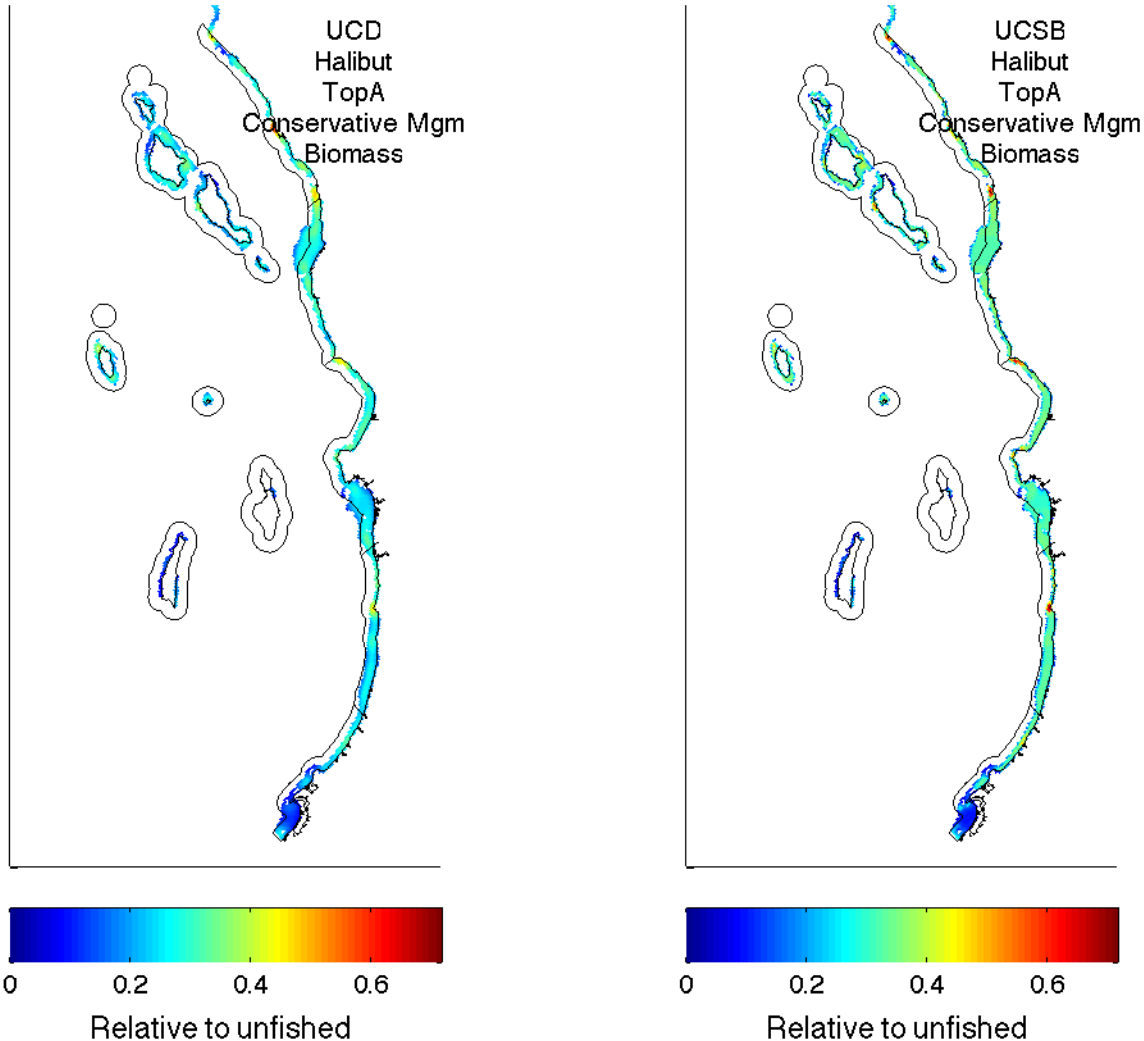

UCD
BlackSurfperch
TopA
MSY-type
Fishing effort
0.2
0.4
0.6
0.8
1
1.2
Relative to MSY maximum effort

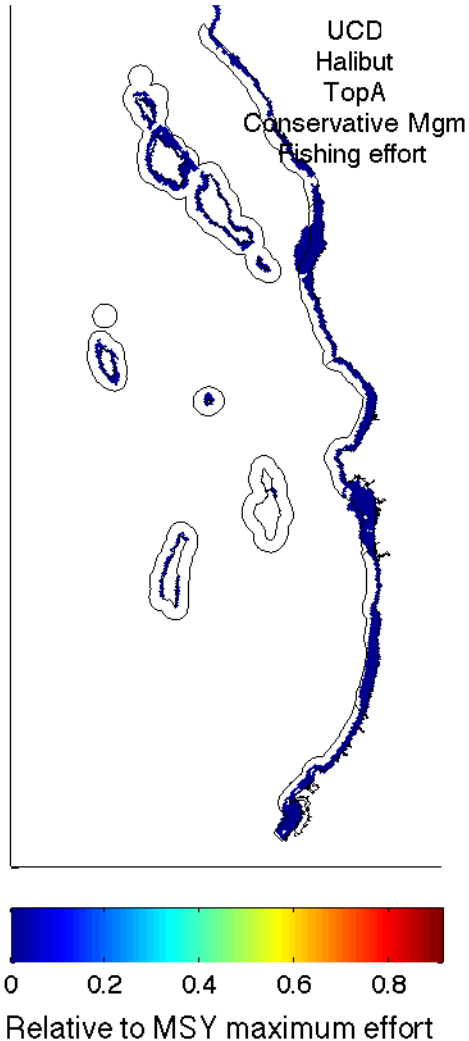

UCSB
BlackSurfperch
TopA
MSY-type
Fishing effort
0
1
2
3
4
Relative to MSY maximum effort

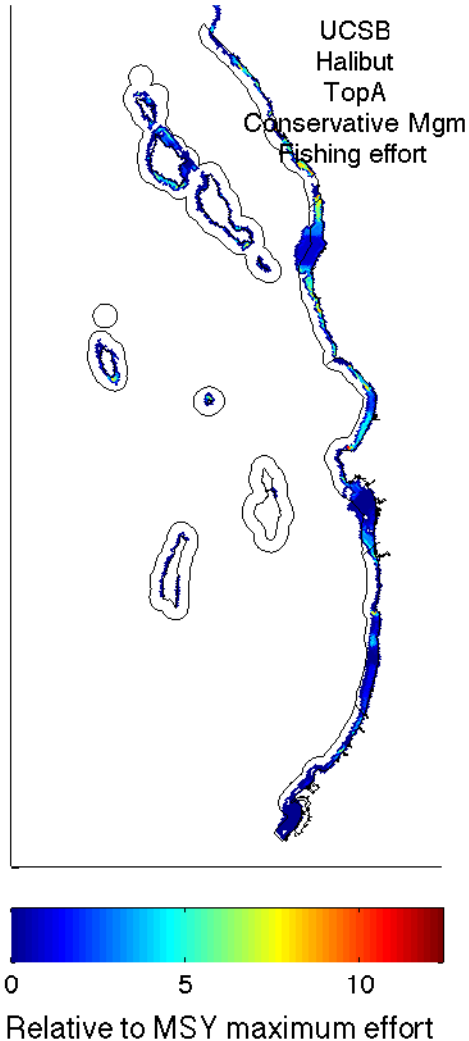

UCD
BlackSurfperch
TopA
MSY-type
Larval Recruitment
0.2
0.4
0.6
Proportion of Maximum

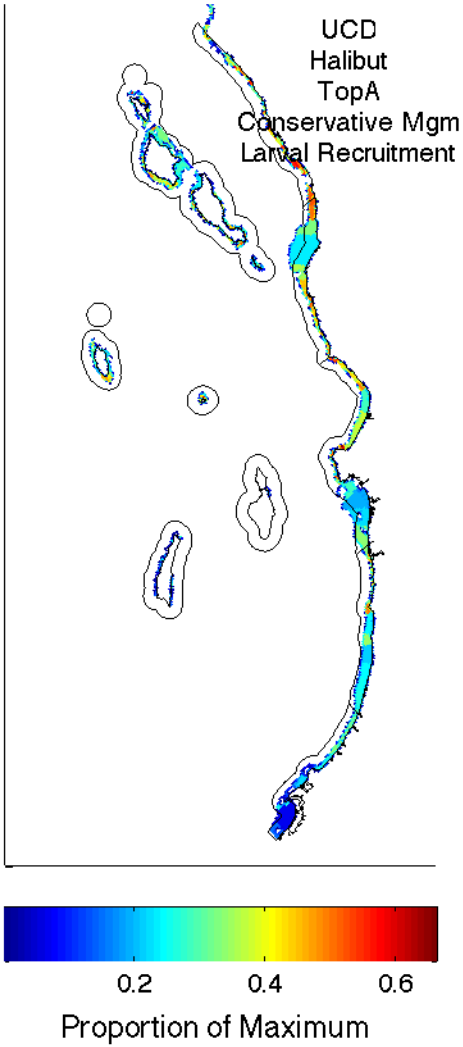

UCD
BlackSurfperch
TopA
MSY-type
Fishing yield
0
0.2
0.4
0.6
0.8
Relative to MSY

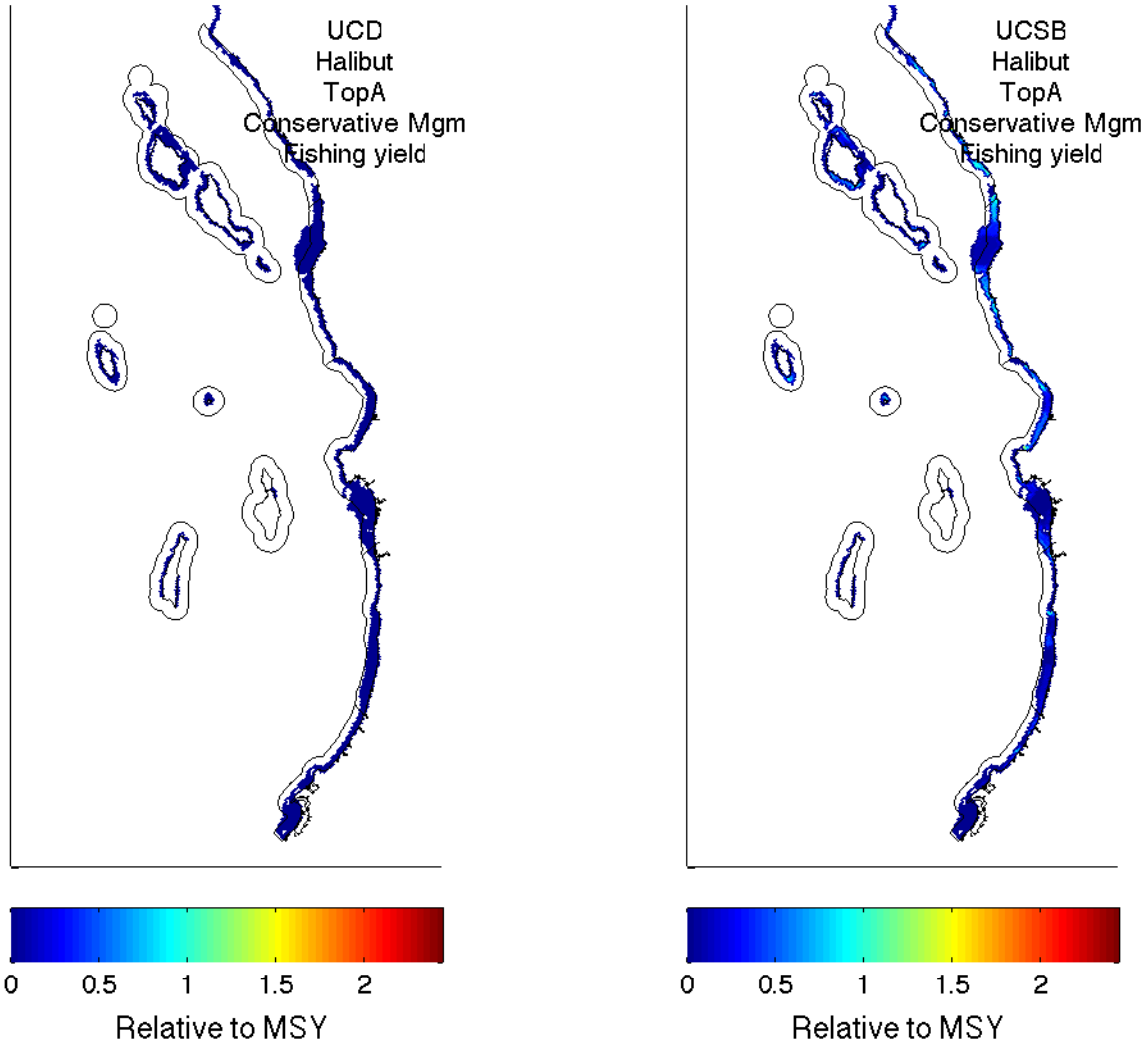

UCSB
BlackSurfperch
TopA
MSY-type
Fishing yield
0
0.2
0.4
0.6
0.8
Relative to MSY

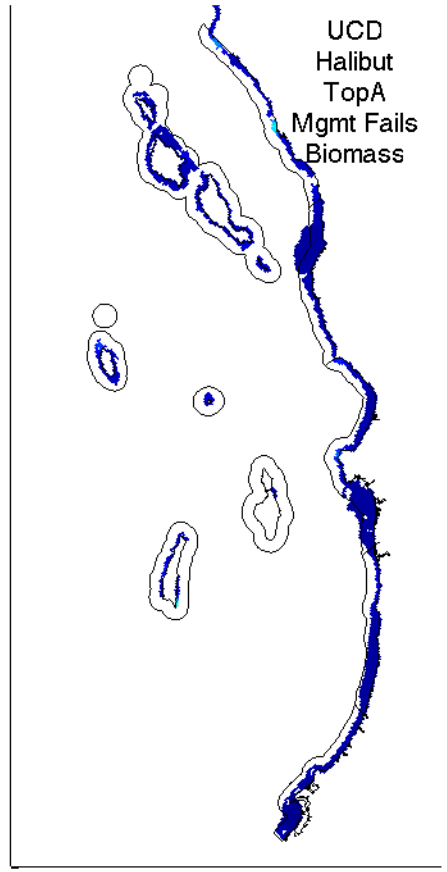

UCD
Halibut
TopA
Conservative Mgm
Biomass
0
0.2
0.4
0.6
Relative to unfished
UCSB
Halibut
TopA
Conservative Mgm
Biomass
0
0.2
0.4
0.6
Relative to unfished


UCD
Halibut
TopA
Conservative Mgm
Fishing effort
0
0.2
0.4
0.6
0.8
Relative to MSY maximum effort

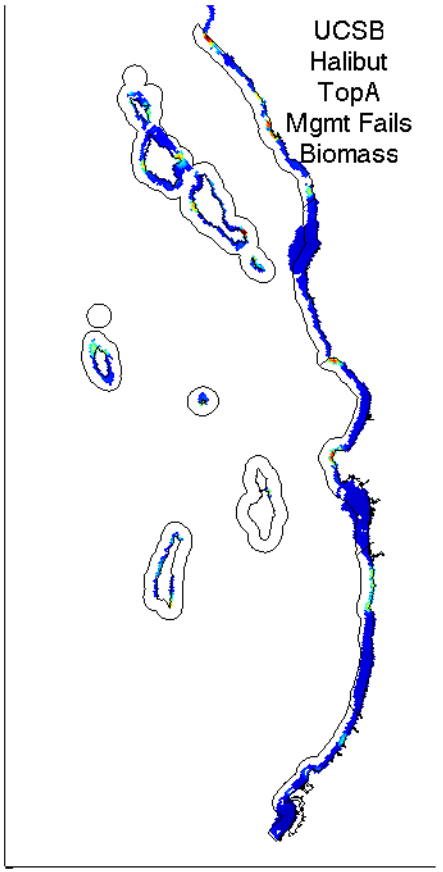

UCSB
Halibut
TopA
Conservative Mgm
Fishing effort
0
5
10
Relative to MSY maximum effort


UCD
Halibut
TopA
Conservative Mgm
Larval Recruitment
0.2
0.4
0.6
Proportion of Maximum

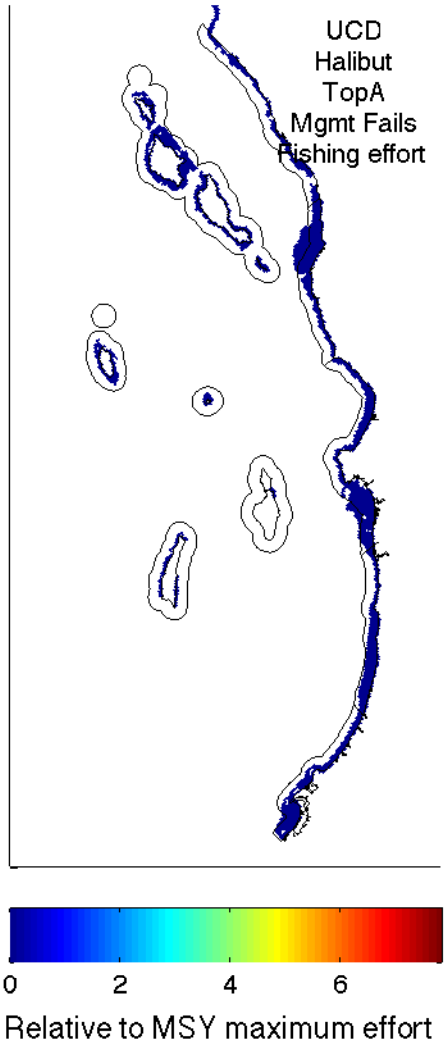

UCD
Halibut
TopA
Conservative Mgm
Fishing yield
0
0.5
1
1.5
2
Relative to MSY
UCSB
Halibut
TopA
Conservative Mgm
Fishing yield
0
0.5
1
1.5
2
Relative to MSY

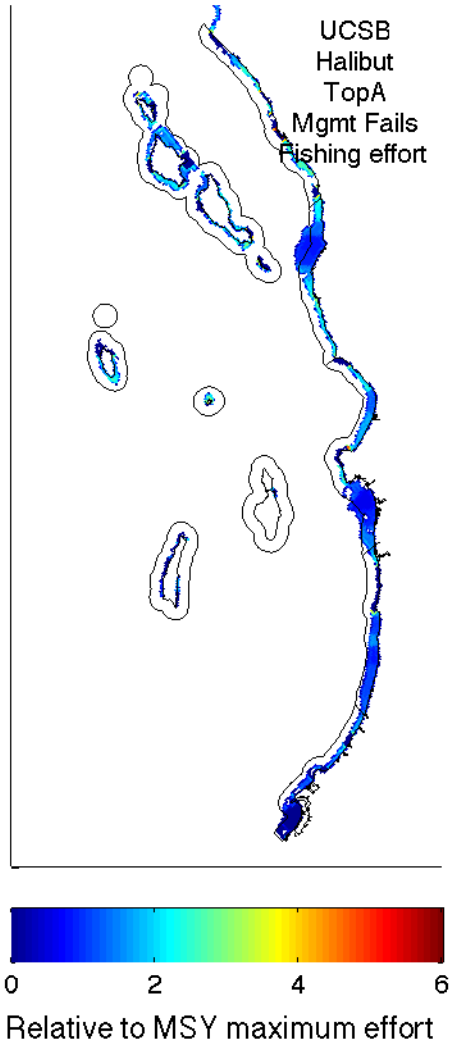


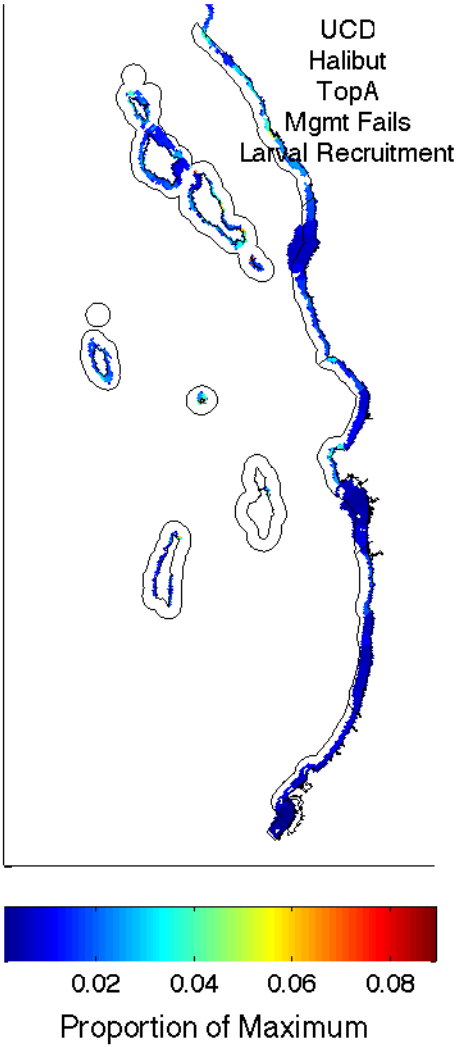
Relative to unfished

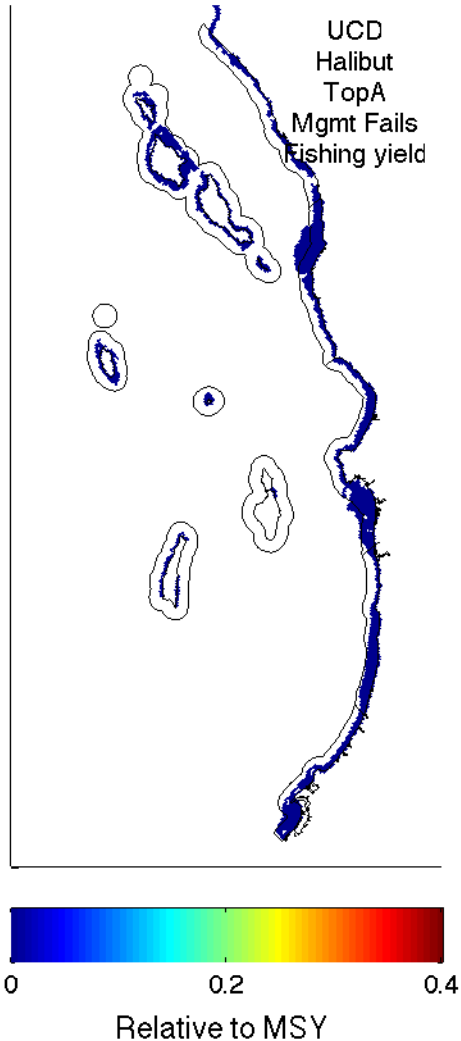


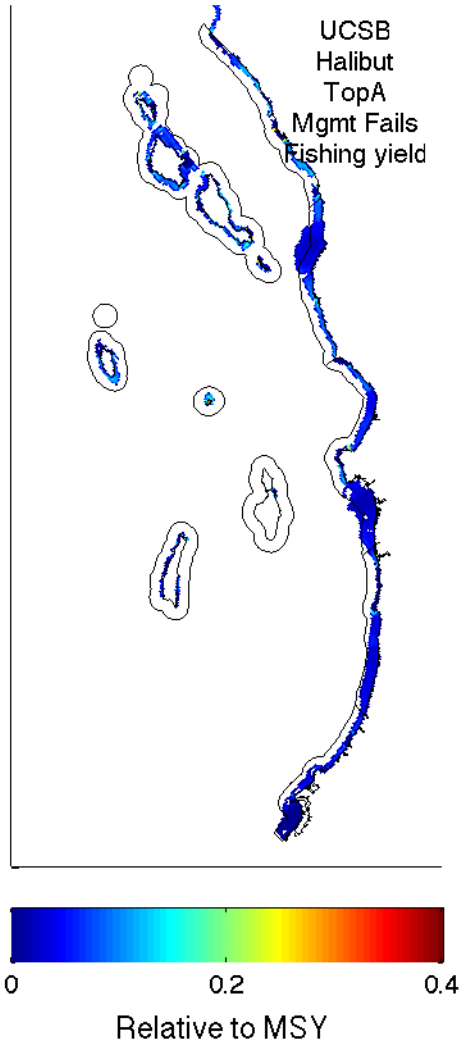
Relative to unfished

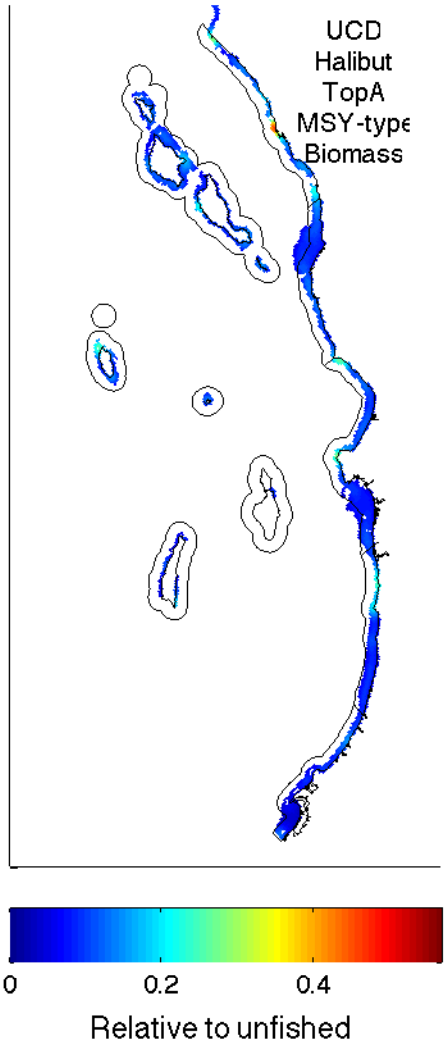

UCD
Halibut
TopA
Mgmt Fails
Fishing effort
0
2
4
6
Relative to MSY maximum effort

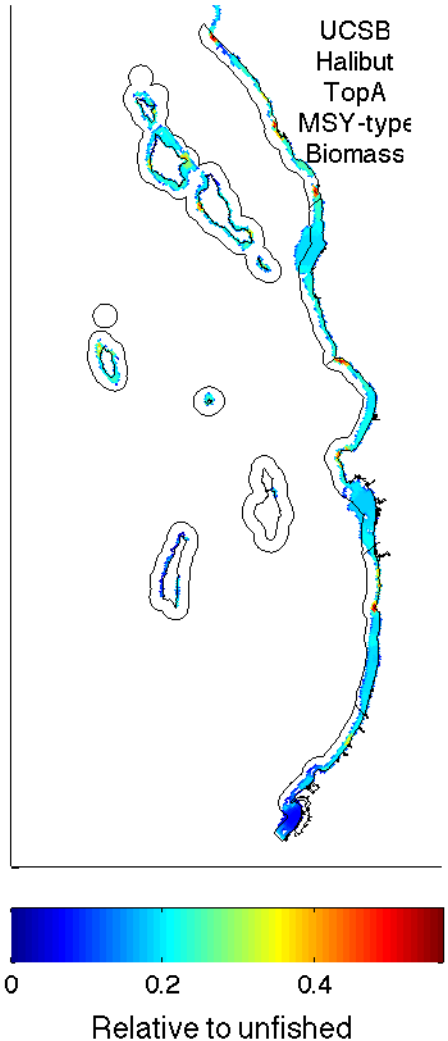

UCSB
Halibut
TopA
Mgmt Fails
Fishing effort
0
2
4
6
Relative to MSY maximum effort

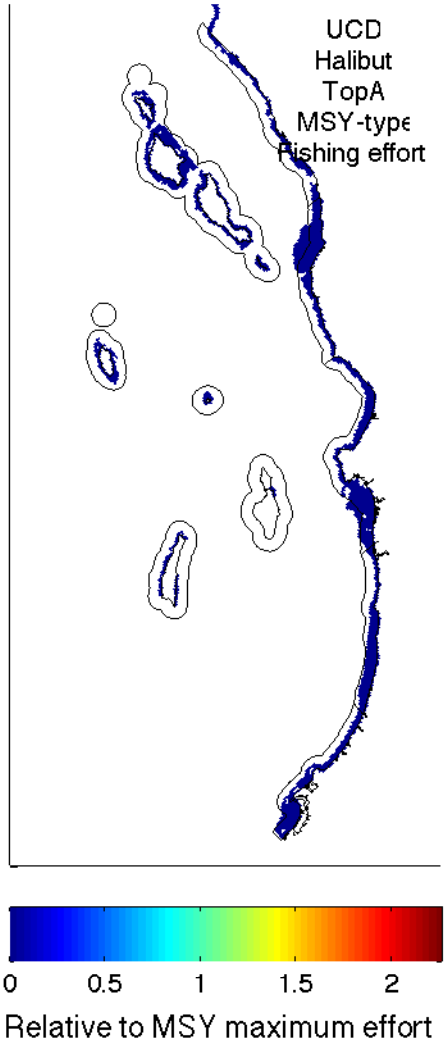

UCD
Halibut
TopA
Mgmt Fails
Larval Recruitment
0.02
0.04
0.06
0.08
Proportion of Maximum

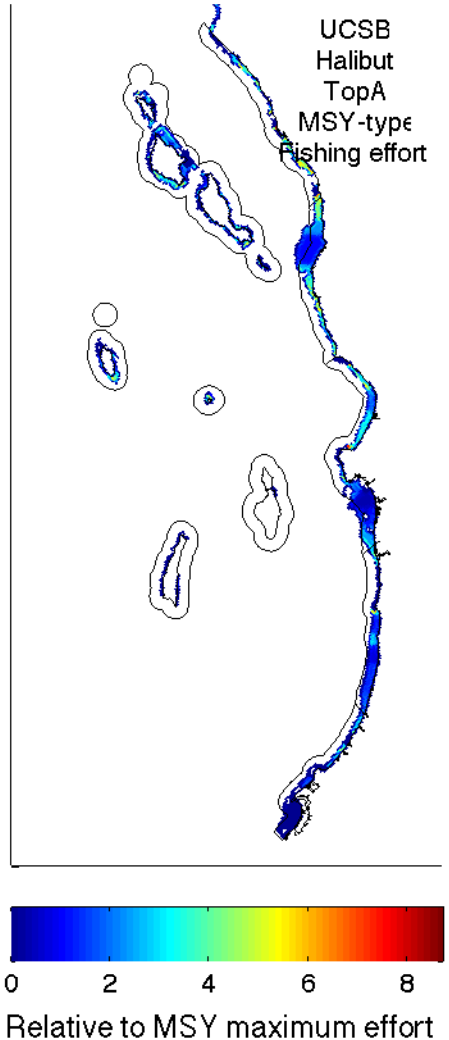

UCD
Halibut
TopA
Mgmt Fails
Fishing yield
0
0.2
0.4
Relative to MSY

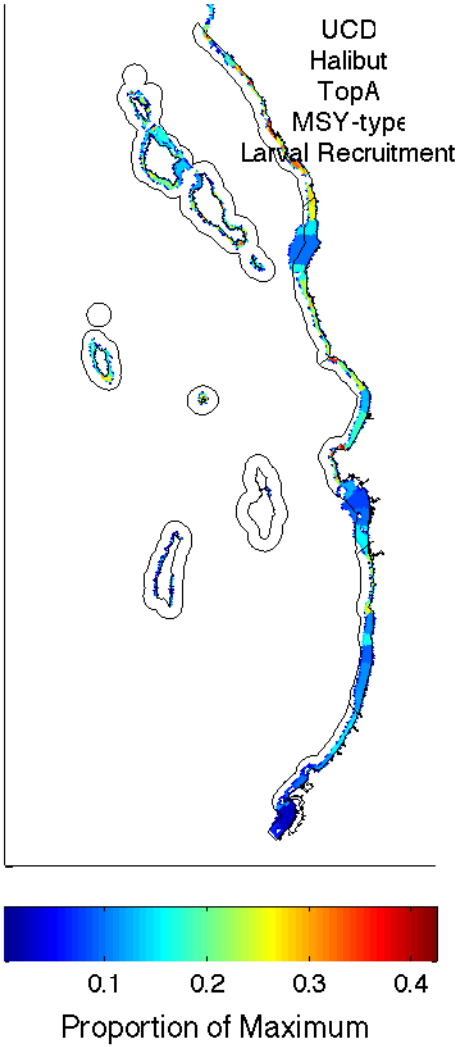

UCSB
Halibut
TopA
Mgmt Fails
Fishing yield
0
0.2
0.4
Relative to MSY

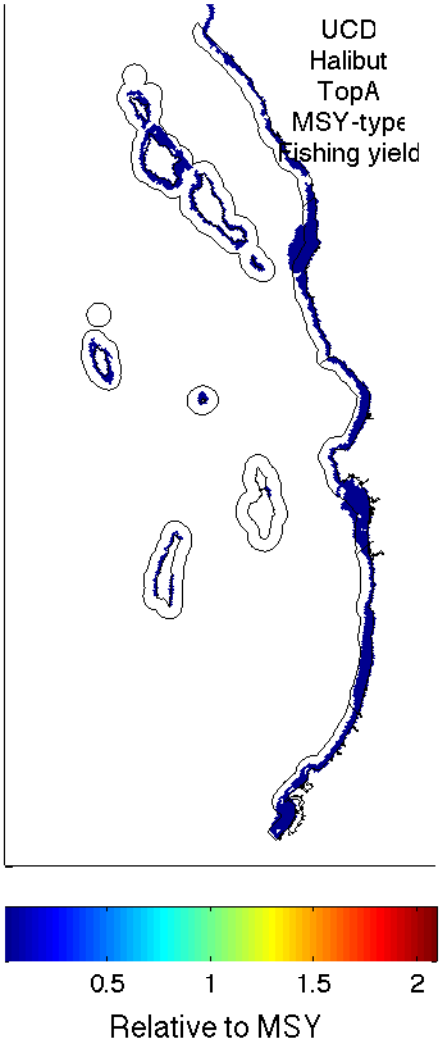

UCD
Halibut
TopA
MSY-type
Biomass
0
0.2
0.4
Relative to unfished

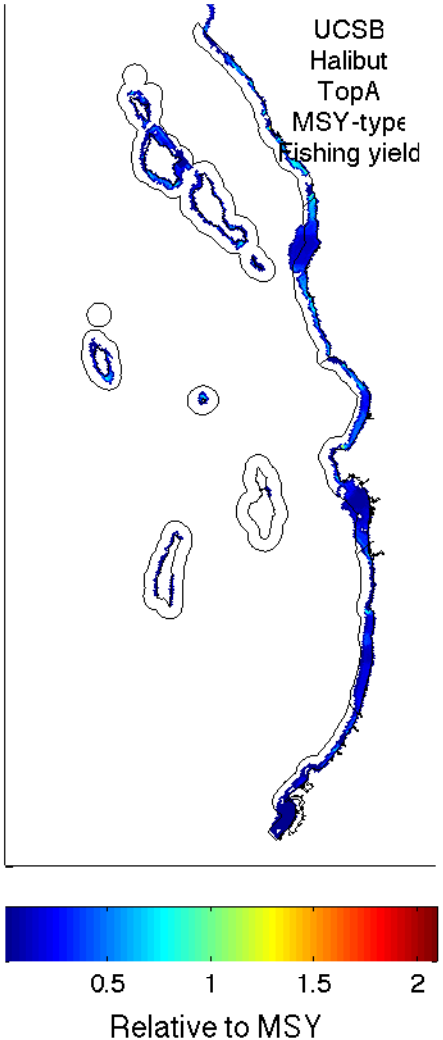

UCSB
Halibut
TopA
MSY-type
Biomass
0
0.2
0.4
Relative to unfished

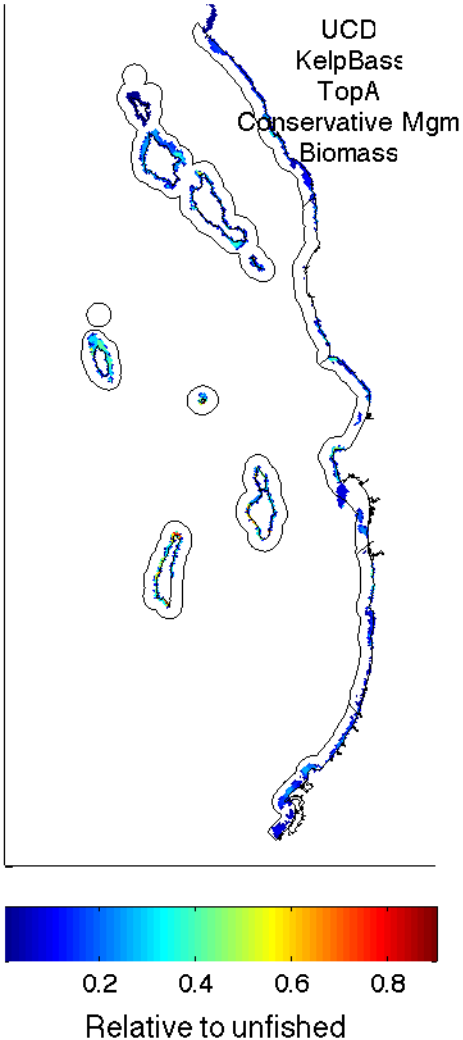

UCD
Halibut
TopA
MSY-type
Fishing effort
0
0.5
1
1.5
2
Relative to MSY maximum effort

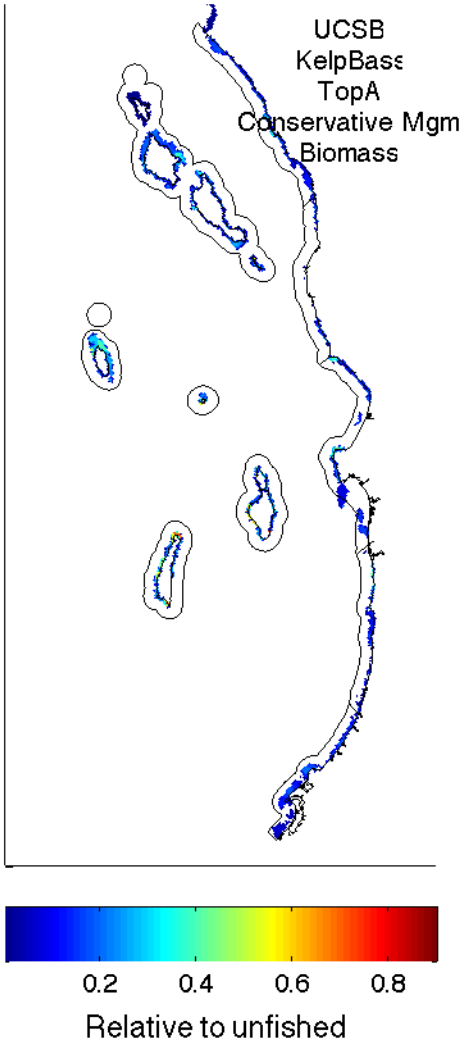

UCSB
Halibut
TopA
MSY-type
Fishing effort
0
2
4
6
8
Relative to MSY maximum effort

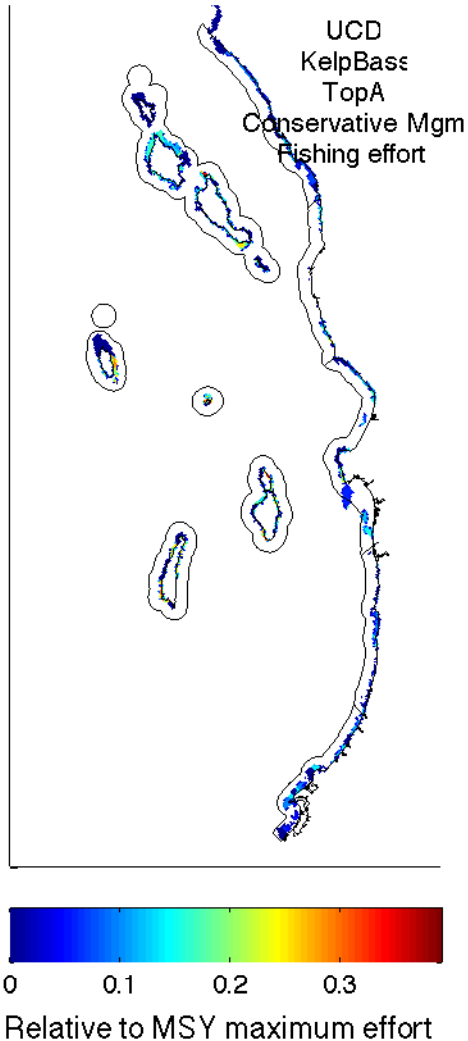

UCD
Halibut
TopA
MSY-type
Larval Recruitment
0.1
0.2
0.3
0.4
Proportion of Maximum

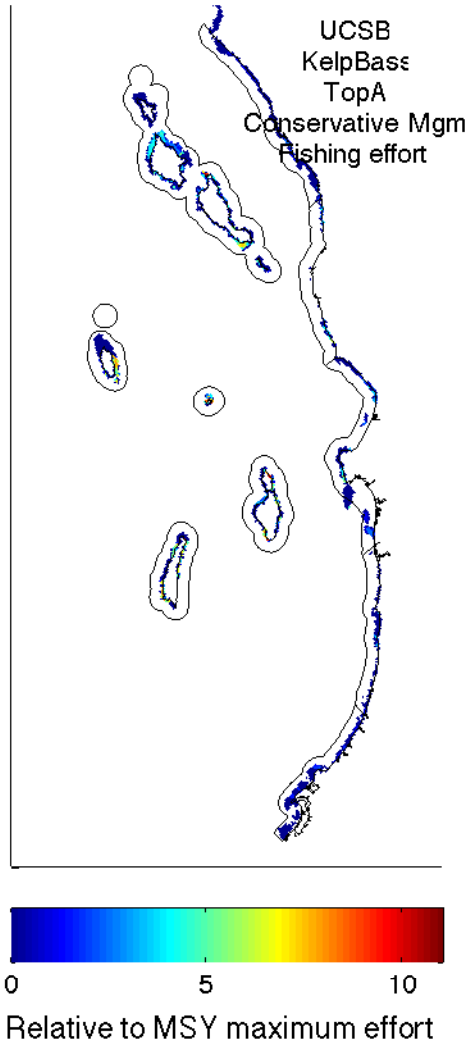

UCD
Halibut
TopA
MSY-type
Fishing yield
0.5
1
1.5
2
Relative to MSY

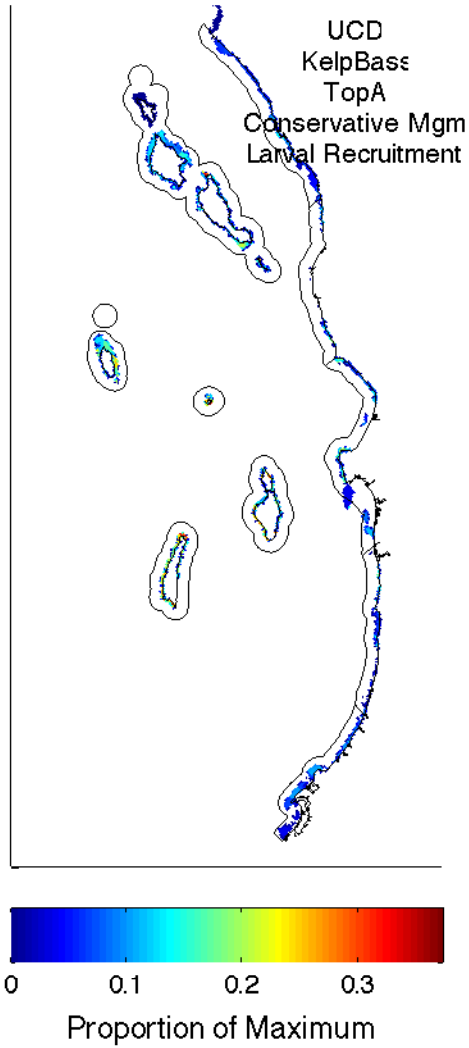

UCSB
Halibut
TopA
MSY-type
Fishing yield
0.5
1
1.5
2
Relative to MSY

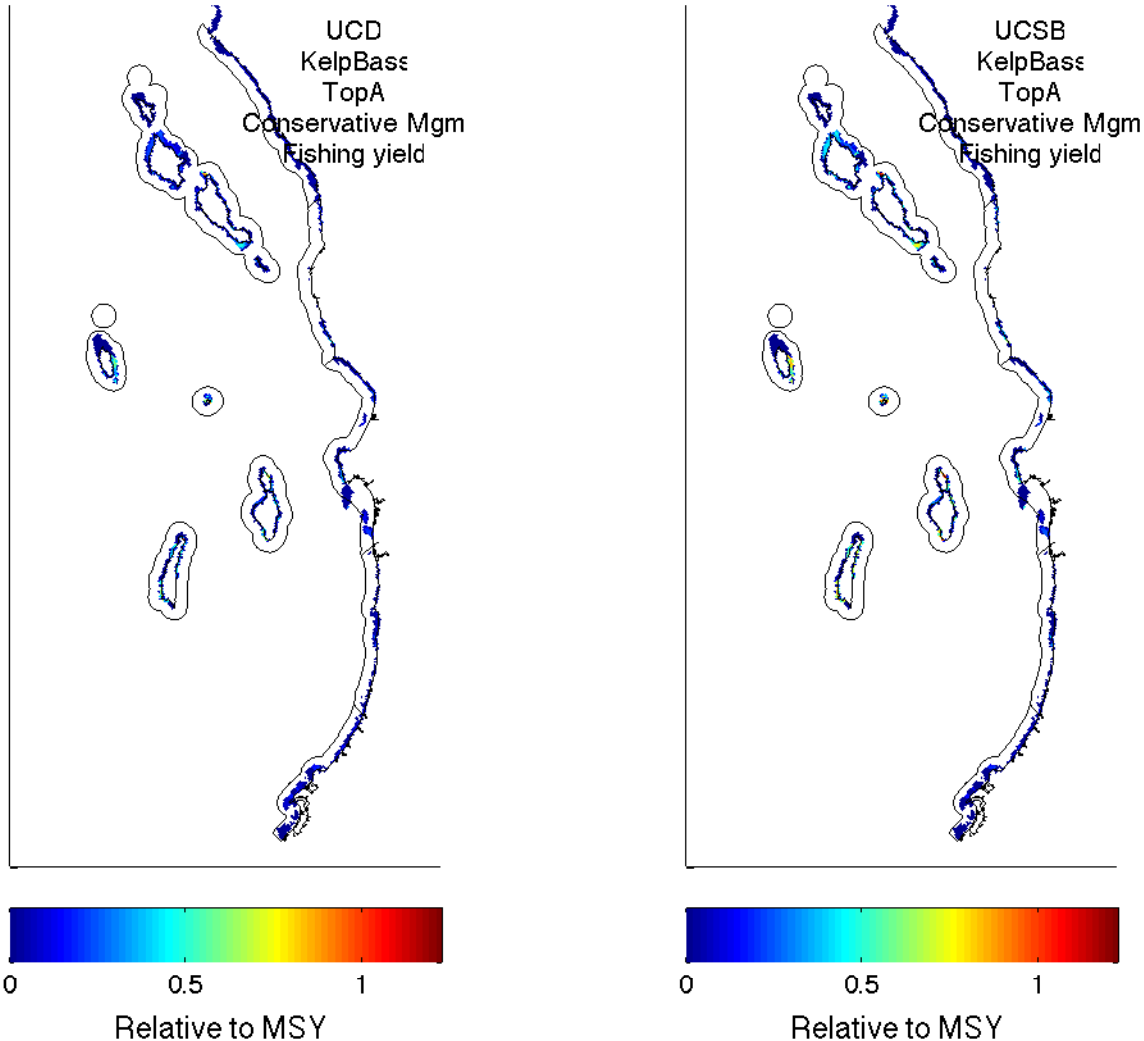

UCD
KelpBass
TopA
Conservative Mgm
Biomass
0.2
0.4
0.6
0.8
Relative to unfished

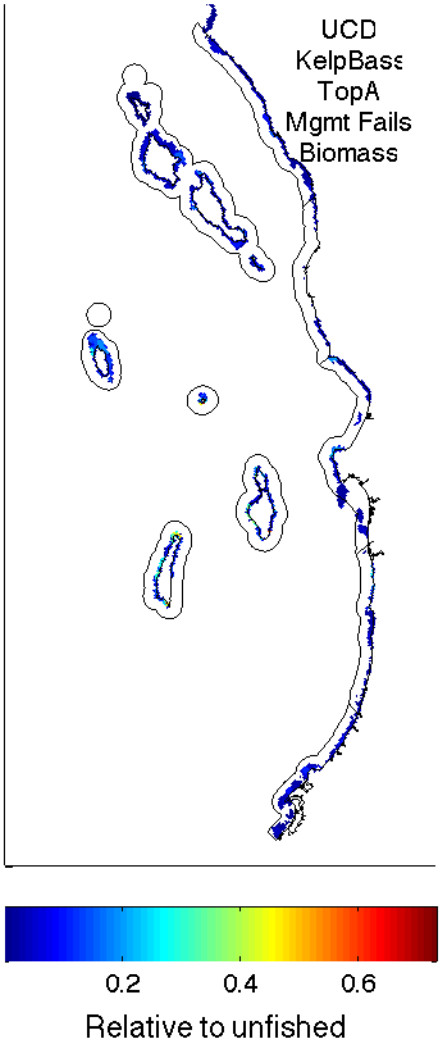

UCSB
KelpBass
TopA
Conservative Mgm
Biomass
0.2
0.4
0.6
0.8
Relative to unfished

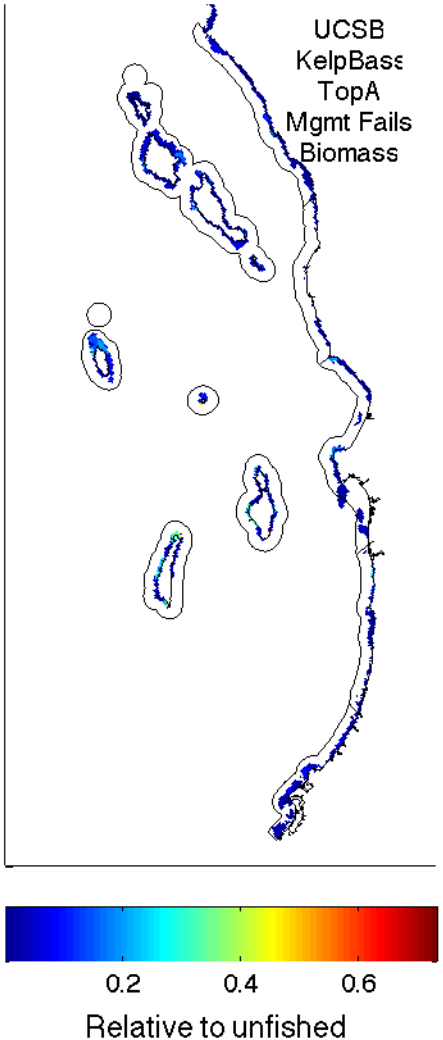

UCD
KelpBass
TopA
Conservative Mgm
Fishing effort
0
0.1
0.2
0.3
Relative to MSY maximum effort

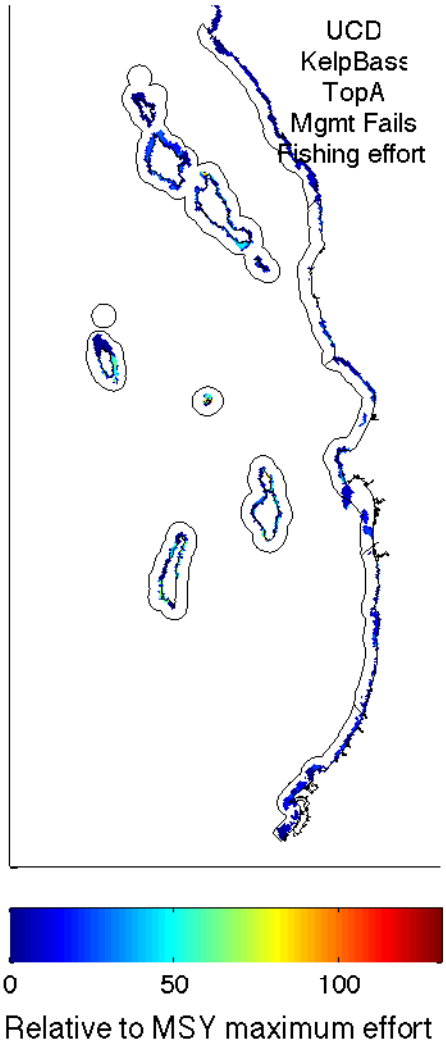

UCSB
KelpBass
TopA
Conservative Mgm
Fishing effort
0
5
10
Relative to MSY maximum effort

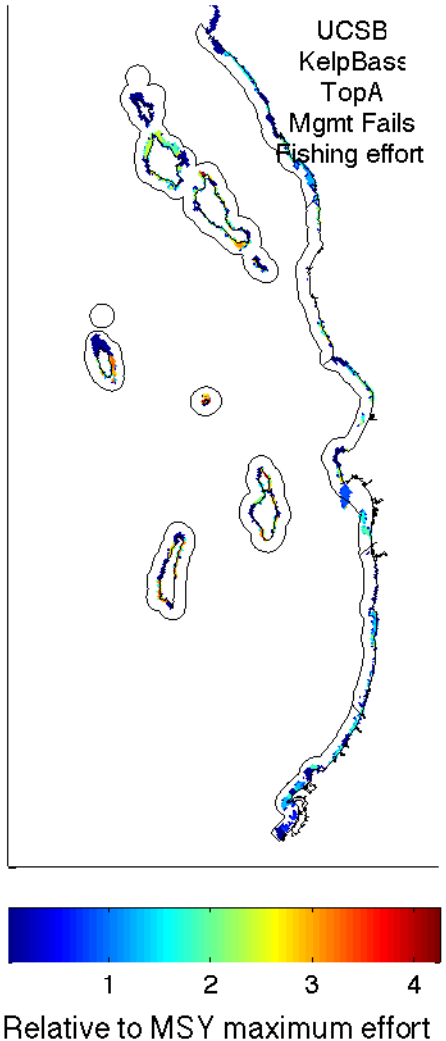

UCD
KelpBass
TopA
Conservative Mgm
Larval Recruitment
0
0.1
0.2
0.3
Proportion of Maximum

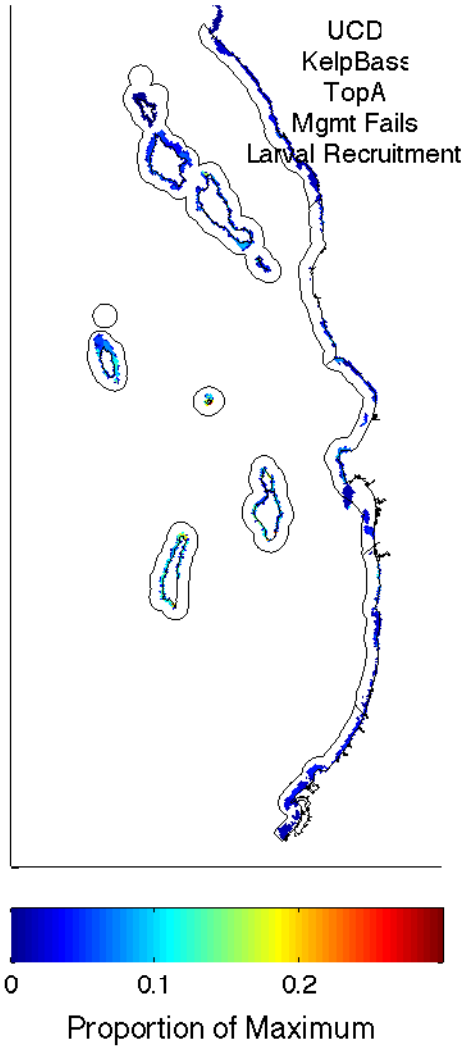

UCD
KelpBass
TopA
Conservative Mgm
Fishing yield
0
0.5
1
Relative to MSY
UCSB
KelpBass
TopA
Conservative Mgm
Fishing yield
0
0.5
1
Relative to MSY

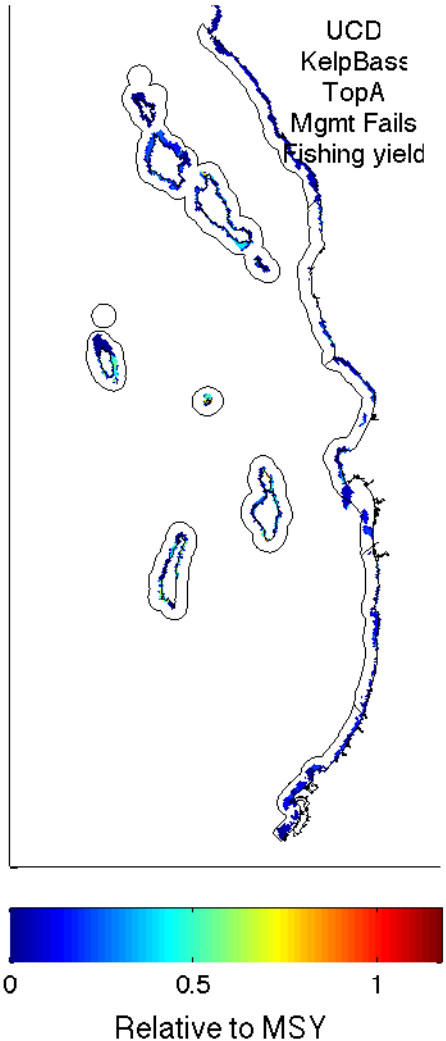

UCD
KelpBass
TopA
Mgmt Fails
Biomass
0.2
0.4
0.6
Relative to unfished

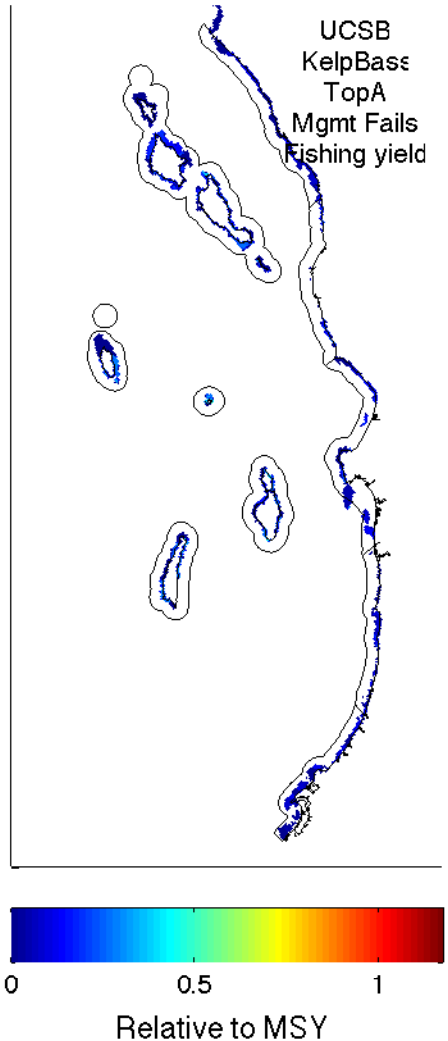

UCSB
KelpBass
TopA
Mgmt Fails
Biomass
0.2
0.4
0.6
Relative to unfished

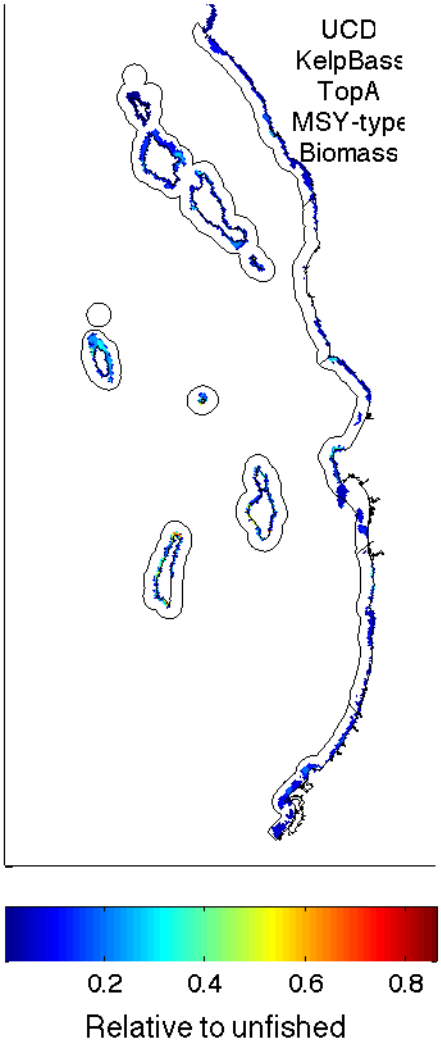

UCD
KelpBass
TopA
Mgmt Fails
Fishing effort
0
50
100
Relative to MSY maximum effort

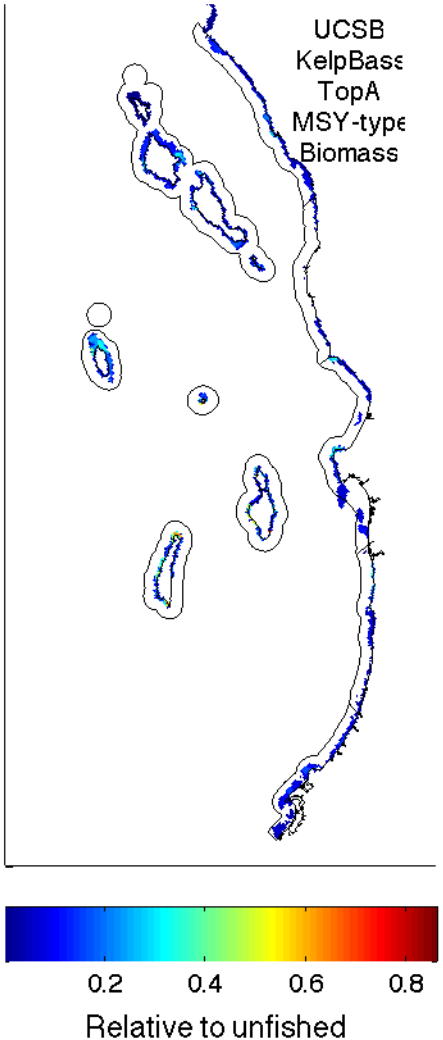

UCSB
KelpBass
TopA
Mgmt Fails
Fishing effort
1
2
3
4
Relative to MSY maximum effort

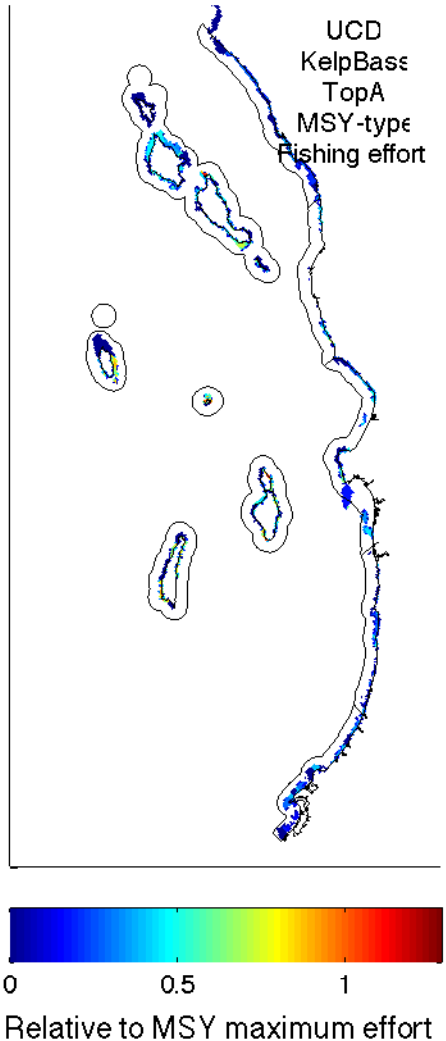

UCD
KelpBass
TopA
Mgmt Fails
Larval Recruitment
0
0.1
0.2
Proportion of Maximum

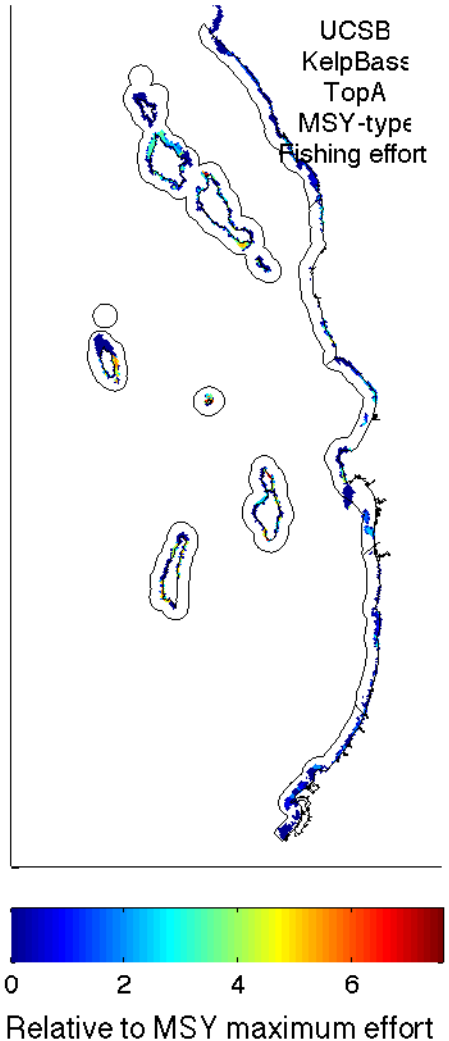

UCD
KelpBass
TopA
Mgmt Fails
Fishing yield
0
0.5
1
Relative to MSY

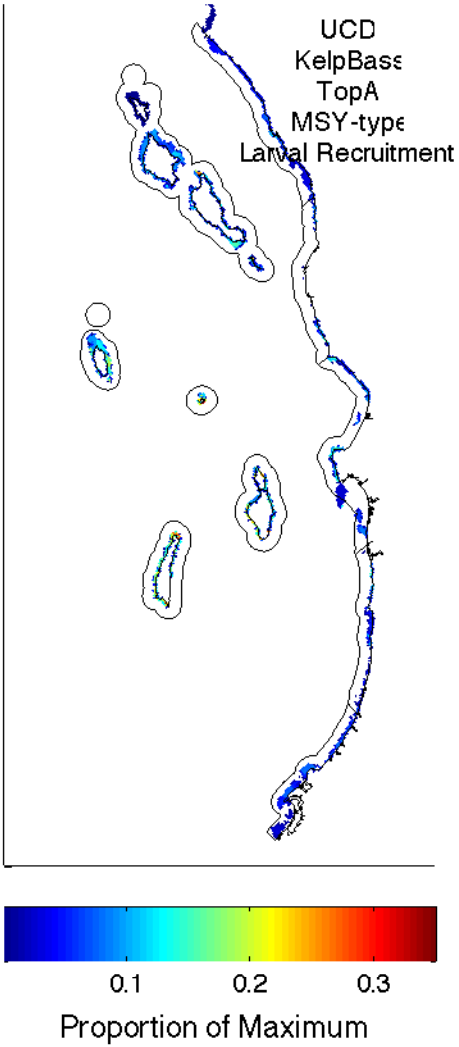

UCSB
KelpBass
TopA
Mgmt Fails
Fishing yield
0
0.5
1
Relative to MSY

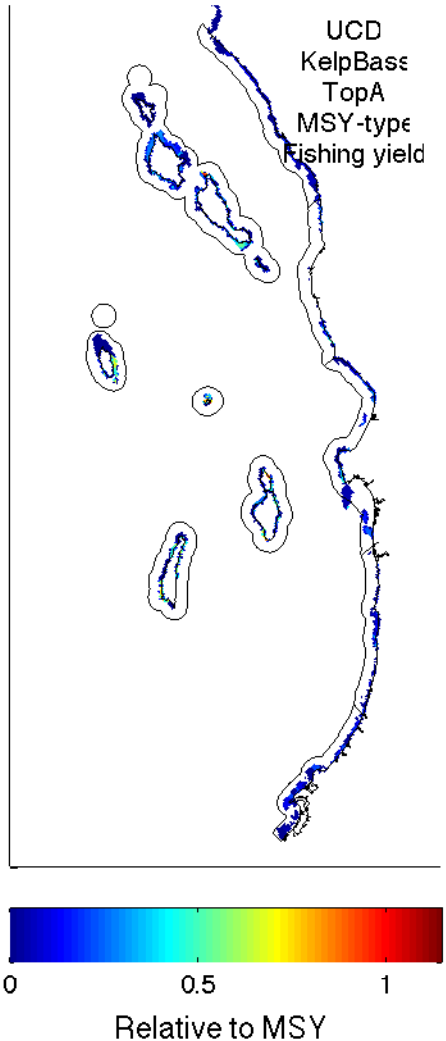

UCD
KelpBass
TopA
MSY-type
Biomass
0.2
0.4
0.6
0.8
Relative to unfished

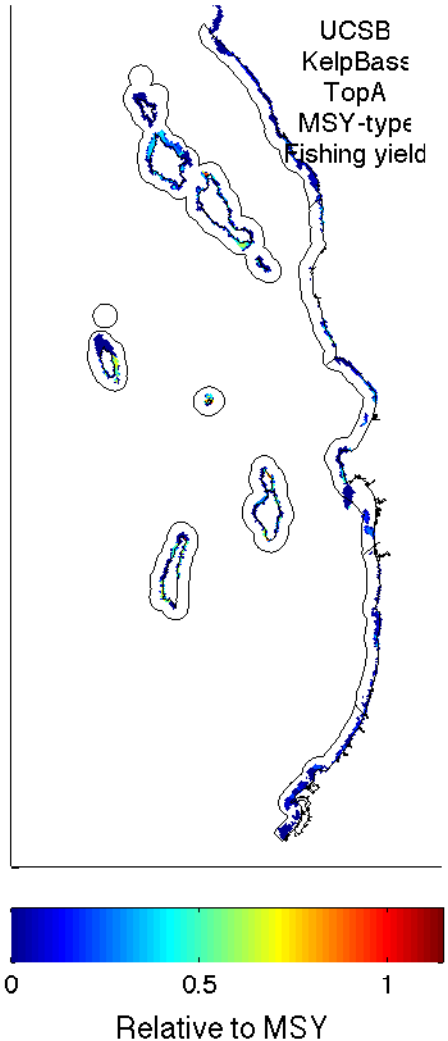

UCSB
KelpBass
TopA
MSY-type
Biomass
0.2
0.4
0.6
0.8
Relative to unfished

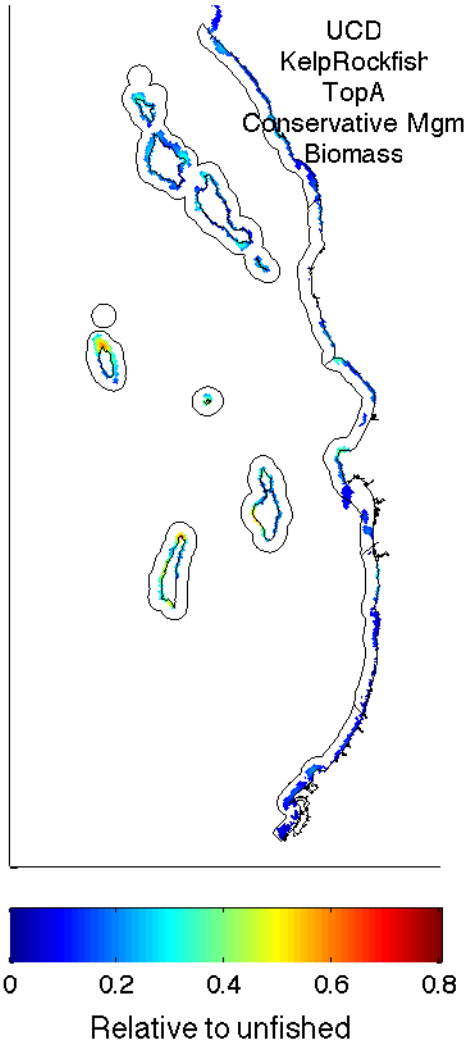

UCD
KelpBass
TopA
MSY-type
Fishing effort
0
0.5
1
Relative to MSY maximum effort

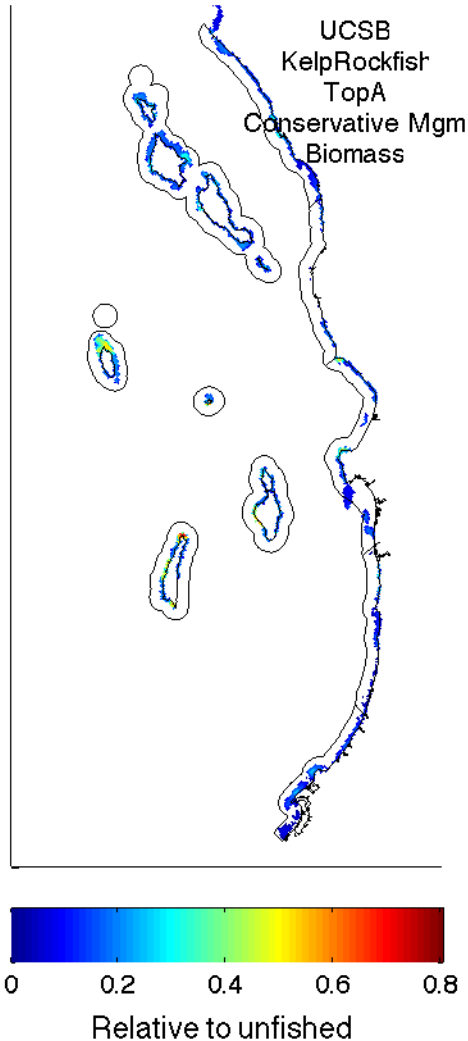

UCSB
KelpBass
TopA
MSY-type
Fishing effort
0
2
4
6
Relative to MSY maximum effort

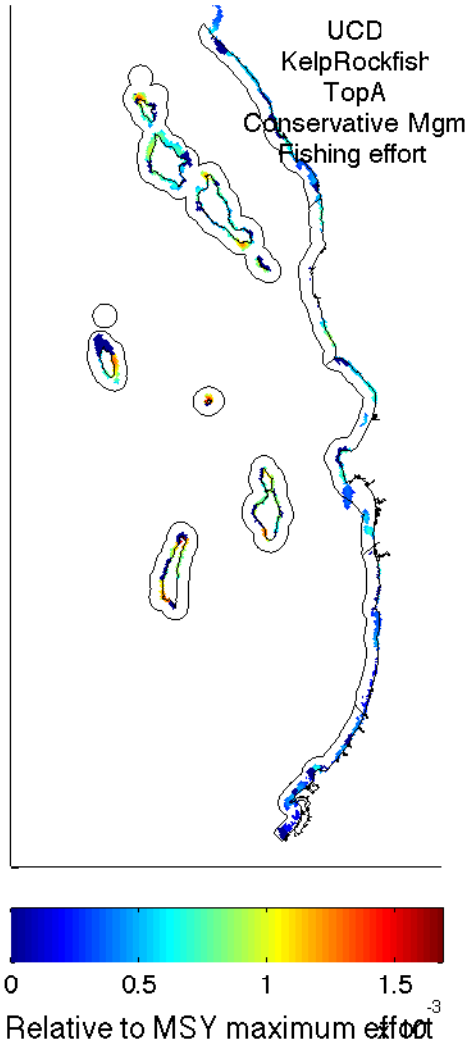

UCD
KelpBass
TopA
MSY-type
Larval Recruitment
0.1
0.2
0.3
Proportion of Maximum

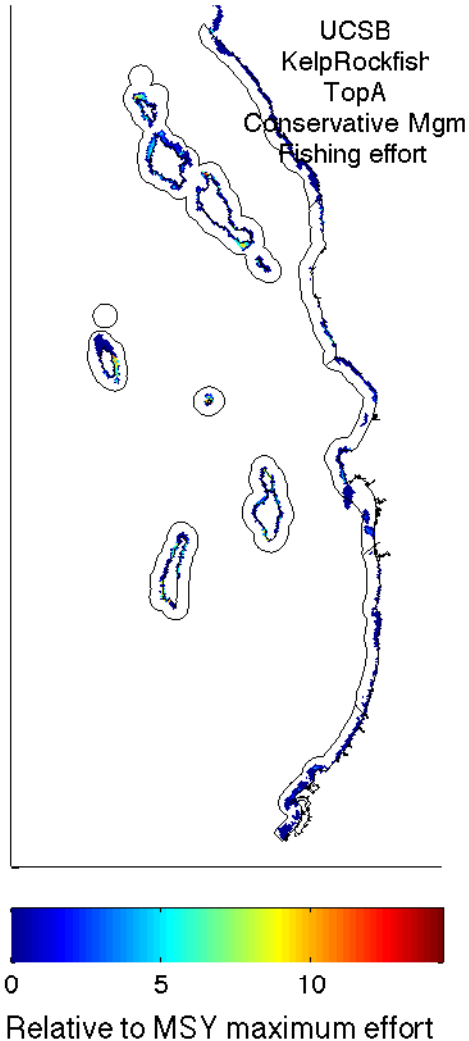

UCD
KelpBass
TopA
MSY-type
Fishing yield
0
0.5
1
Relative to MSY

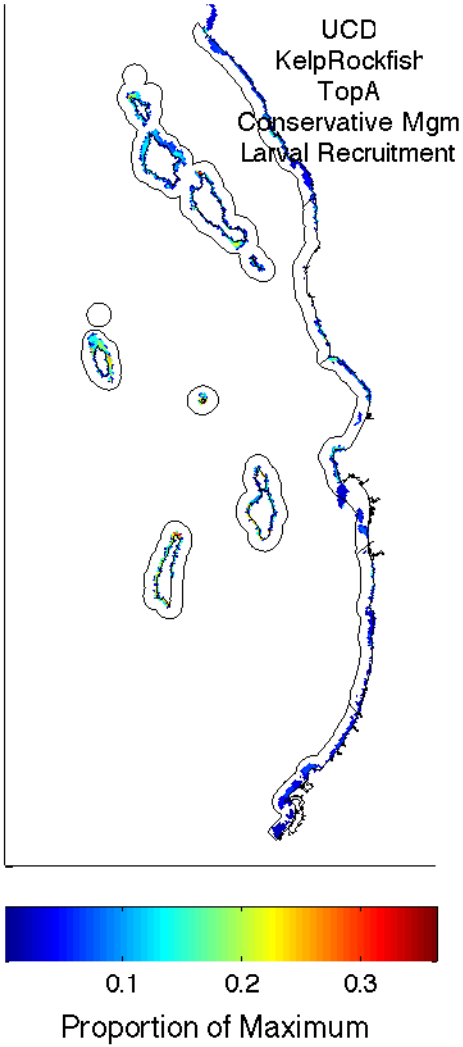

UCSB
KelpBass
TopA
MSY-type
Fishing yield
0
0.5
1
Relative to MSY

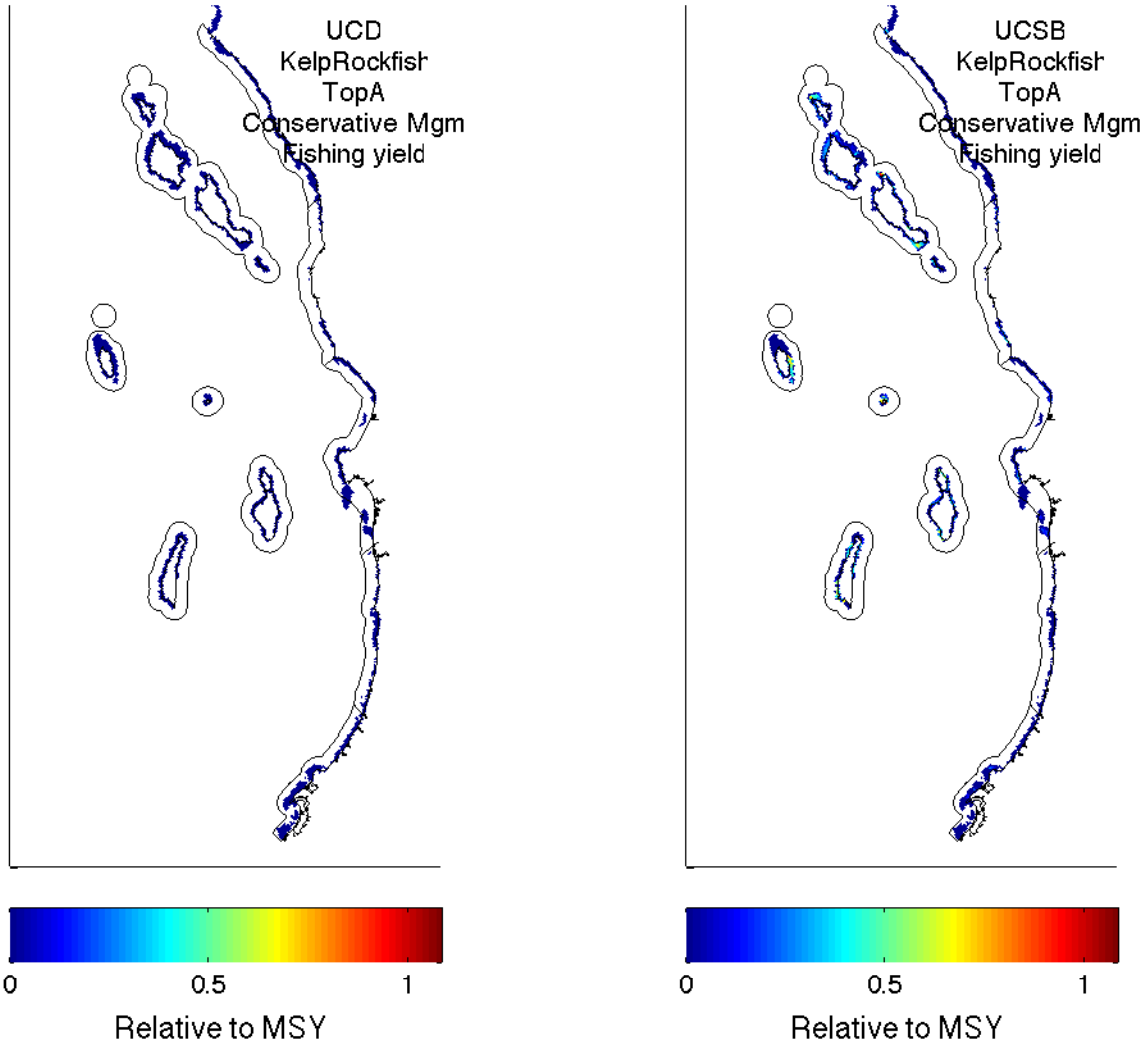

UCD
KelpRockfish
TopA
Conservative Mgm
Biomass
0
0.2
0.4
0.6
0.8
Relative to unfished

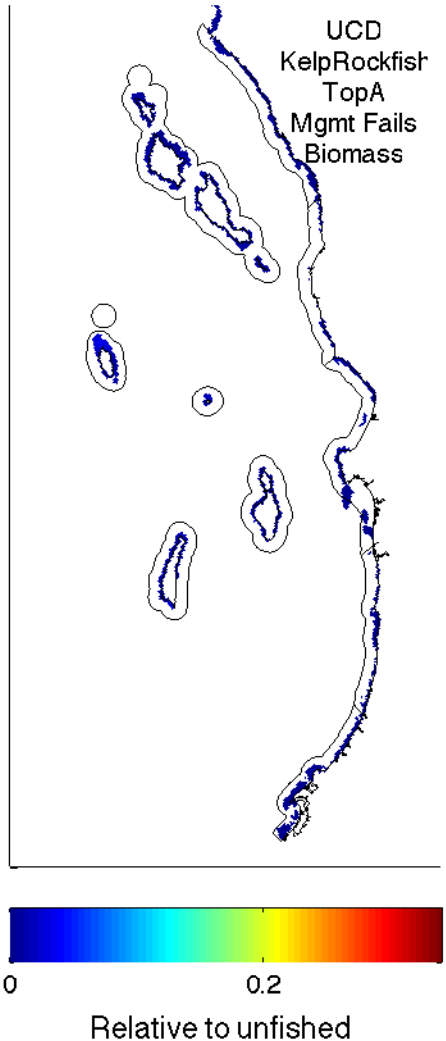

UCSB
KelpRockfish
TopA
Conservative Mgm
Biomass
0
0.2
0.4
0.6
0.8
Relative to unfished

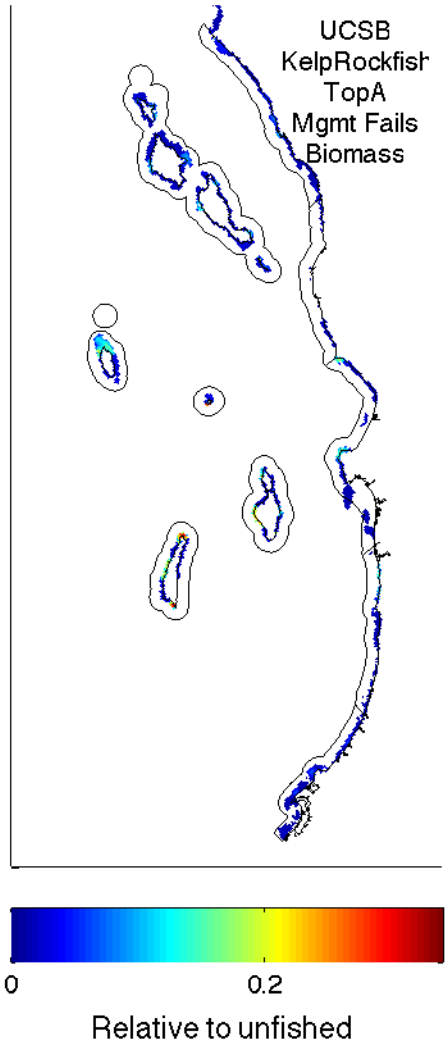

UCD
KelpRockfish
TopA
Conservative Mgm
Fishing effort
0
0.5
1
1.5
x10^-3
Relative to MSY maximum effort

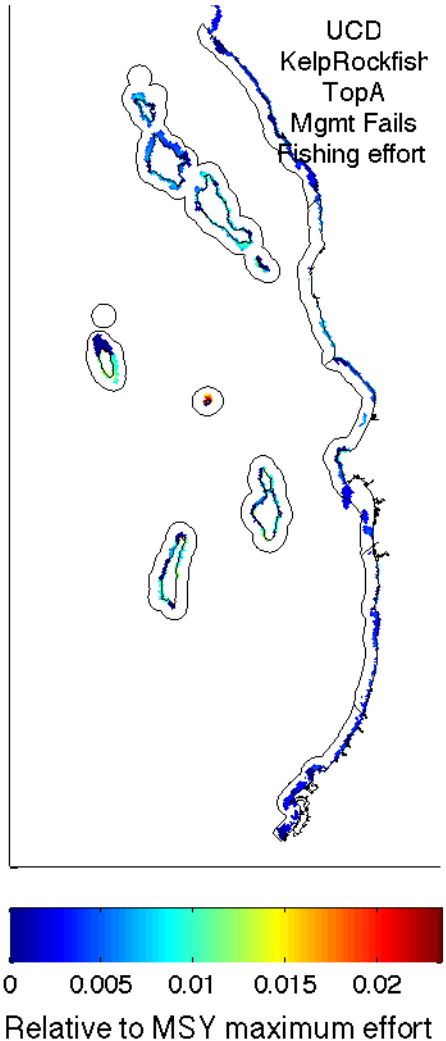

UCSB
KelpRockfish
TopA
Conservative Mgm
Fishing effort
0
5
10
Relative to MSY maximum effort

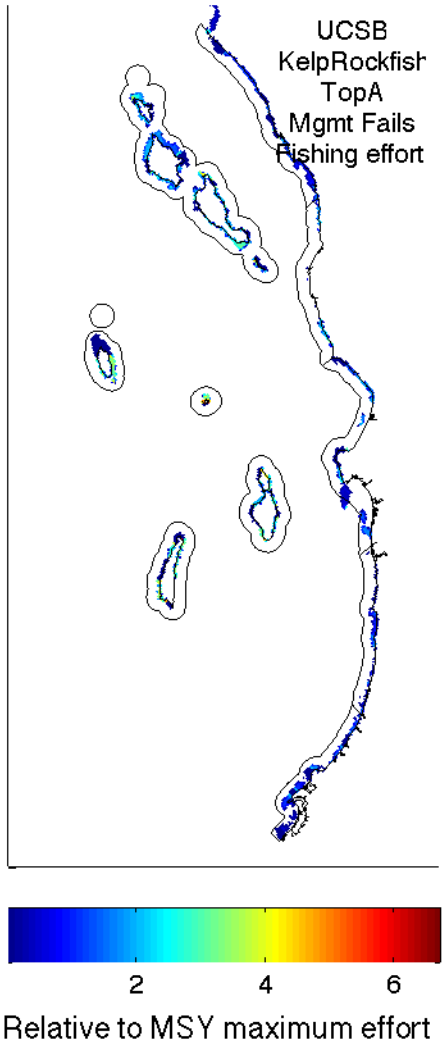

UCD
KelpRockfish
TopA
Conservative Mgm
Larval Recruitment
0.1
0.2
0.3
Proportion of Maximum

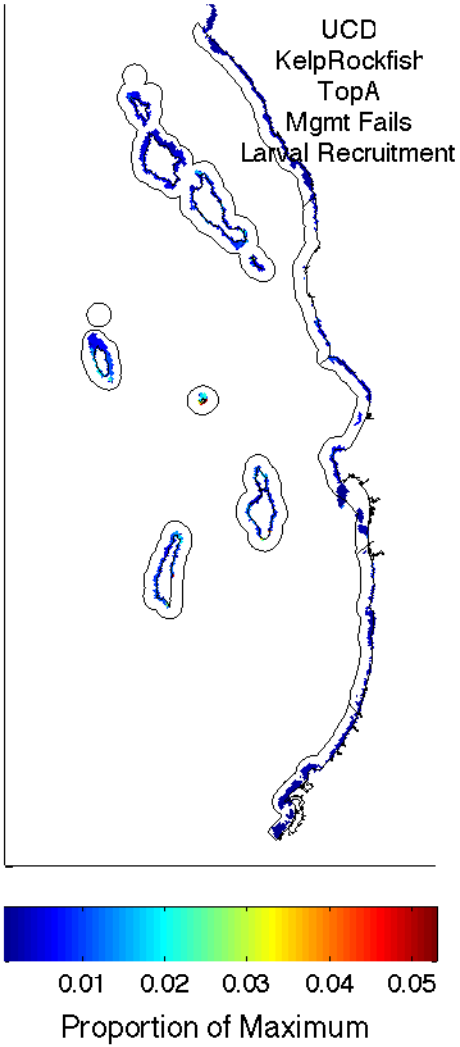

UCD
KelpRockfish
TopA
Conservative Mgm
Fishing yield
0
0.5
1
Relative to MSY
UCSB
KelpRockfish
TopA
Conservative Mgm
Fishing yield
0
0.5
1
Relative to MSY

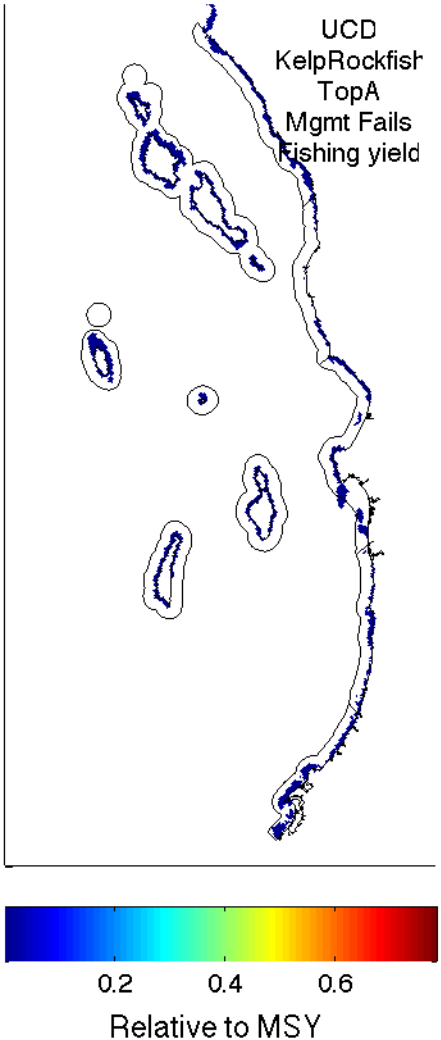

UCD
KelpRockfish
TopA
Mgmt Fails
Biomass
0
0.2
Relative to unfished

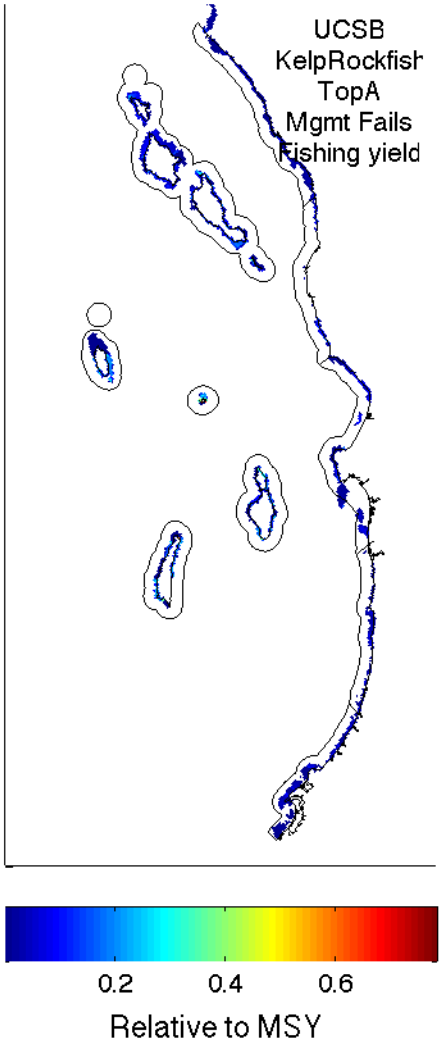

UCSB
KelpRockfish
TopA
Mgmt Fails
Biomass
0
0.2
Relative to unfished

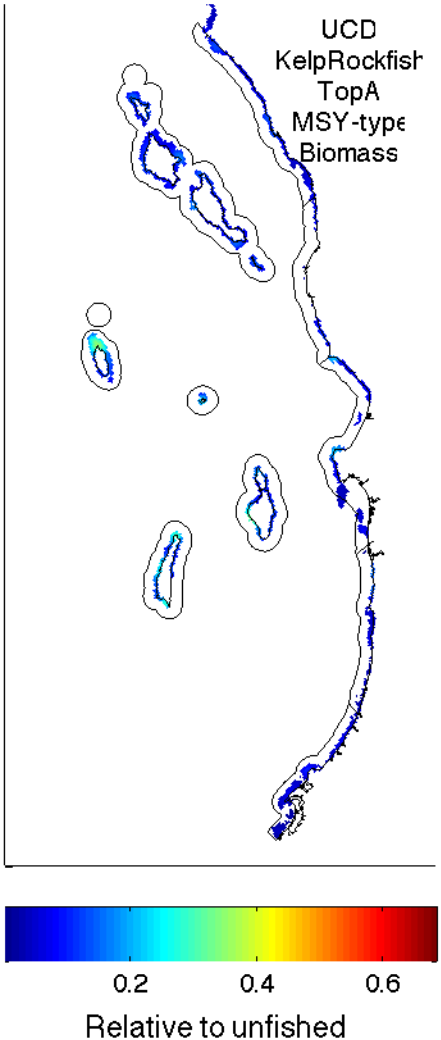

UCD
KelpRockfish
TopA
Mgmt Fails
Fishing effort
0
0.005
0.01
0.015
0.02
Relative to MSY maximum effort

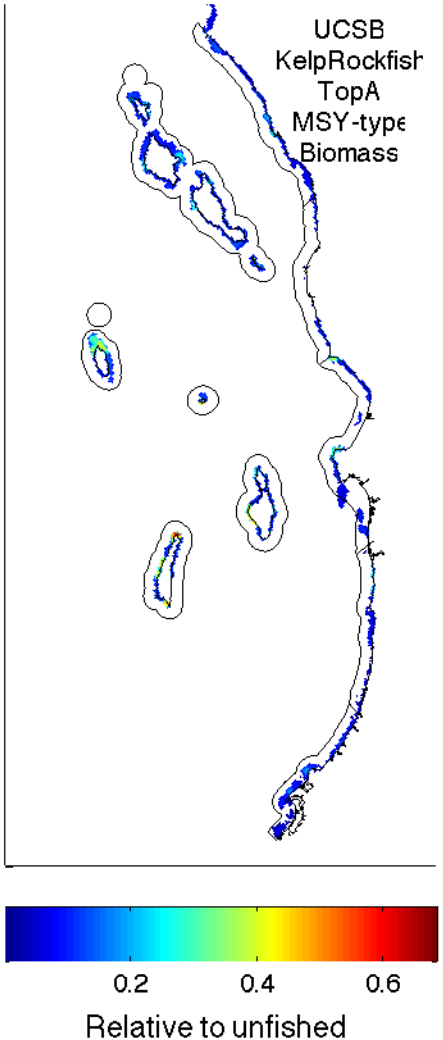

UCSB
KelpRockfish
TopA
Mgmt Fails
Fishing effort
2
4
6
Relative to MSY maximum effort

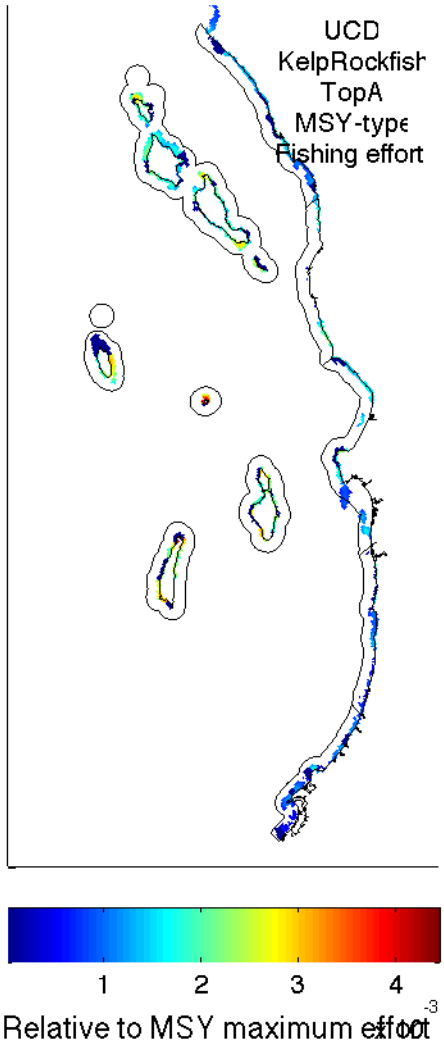

UCD
KelpRockfish
TopA
Mgmt Fails
Larval Recruitment
0.01
0.02
0.03
0.04
0.05
Proportion of Maximum

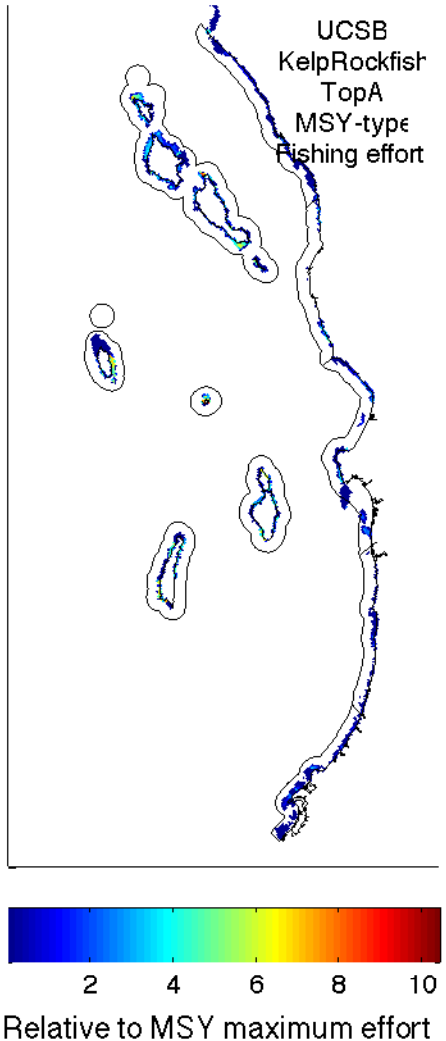

UCD
KelpRockfish
TopA
Mgmt Fails
Fishing yield
0.2
0.4
0.6
Relative to MSY

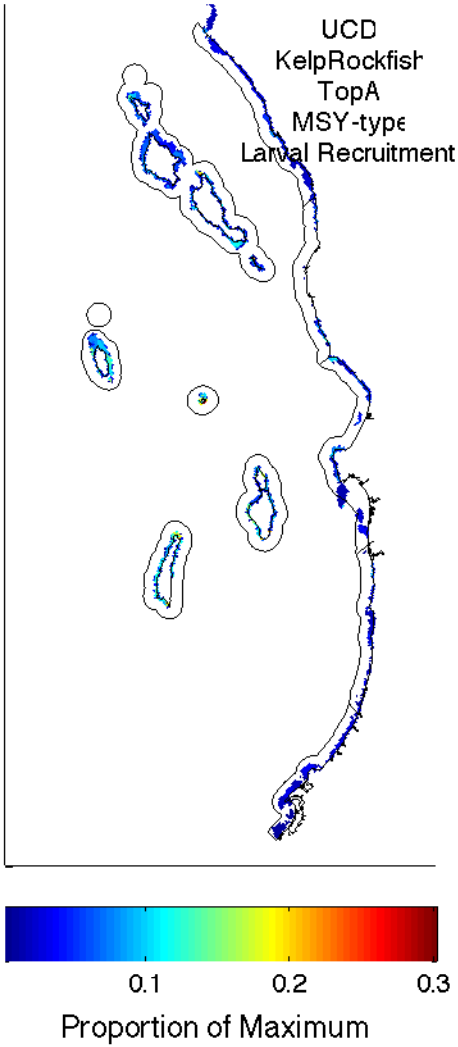

UCSB
KelpRockfish
TopA
Mgmt Fails
Fishing yield
0.2
0.4
0.6
Relative to MSY

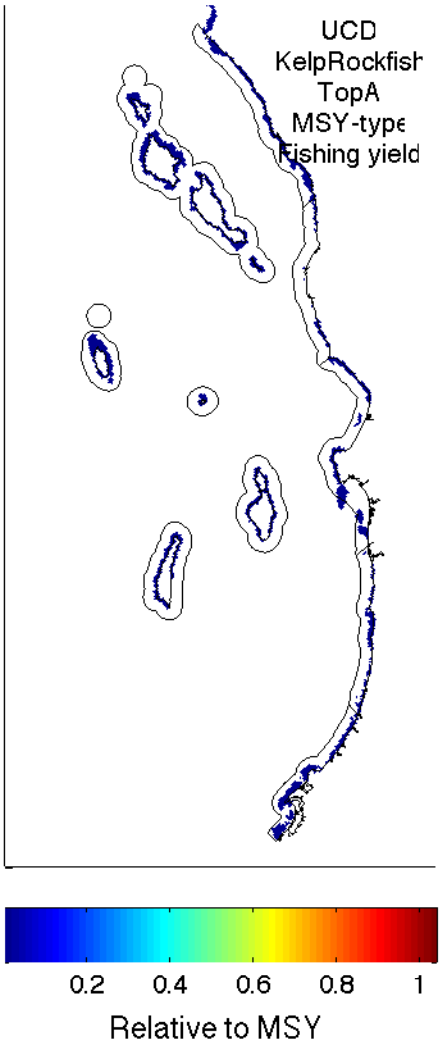

UCD
KelpRockfish
TopA
MSY-type
Biomass
0.2
0.4
0.6
Relative to unfished

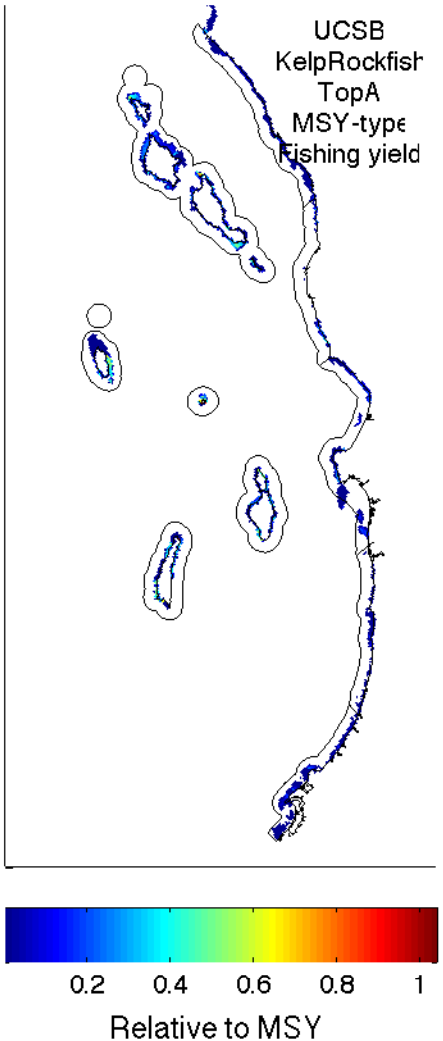

UCSB
KelpRockfish
TopA
MSY-type
Biomass
0.2
0.4
0.6
Relative to unfished

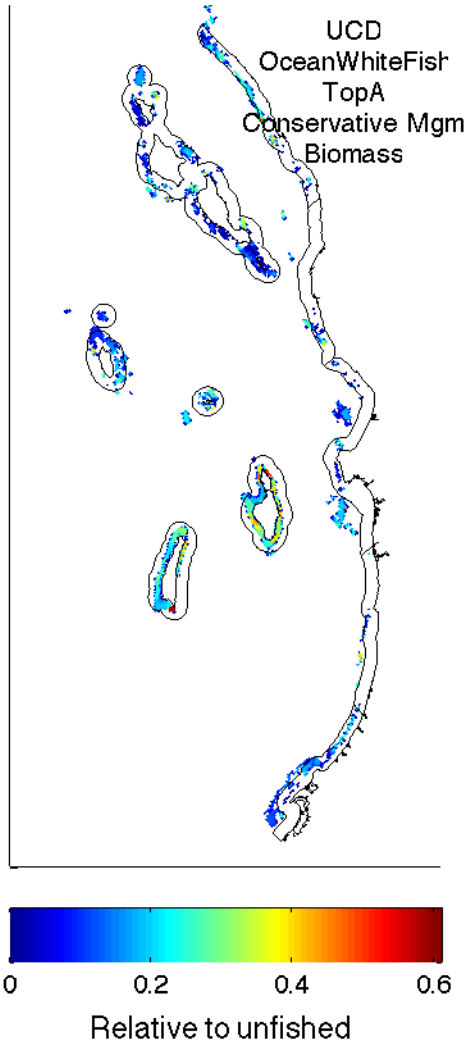

UCD
KelpRockfish
TopA
MSY-type
Fishing effort
1
2
3
4
x10^-3
Relative to MSY maximum effort

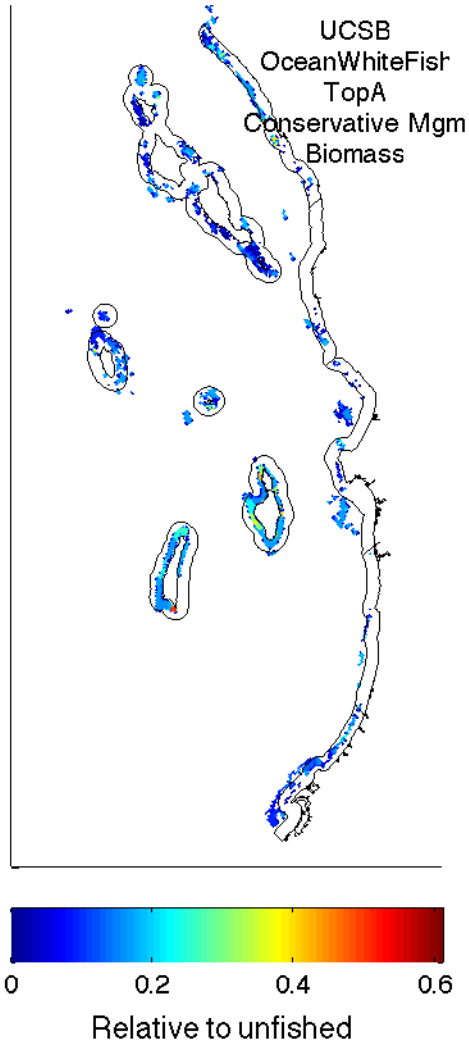

UCSB
KelpRockfish
TopA
MSY-type
Fishing effort
2
4
6
8
10
Relative to MSY maximum effort

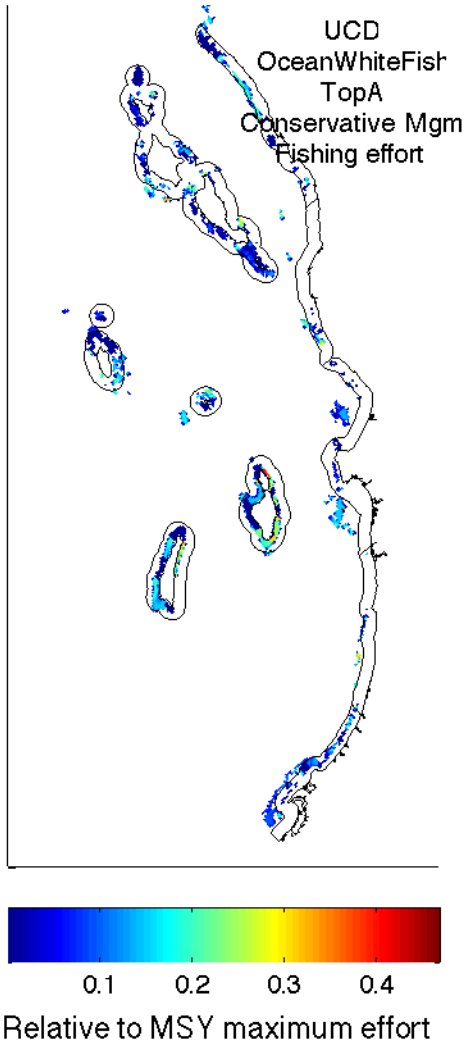

UCD
KelpRockfish
TopA
MSY-type
Larval Recruitment
0.1
0.2
0.3
Proportion of Maximum

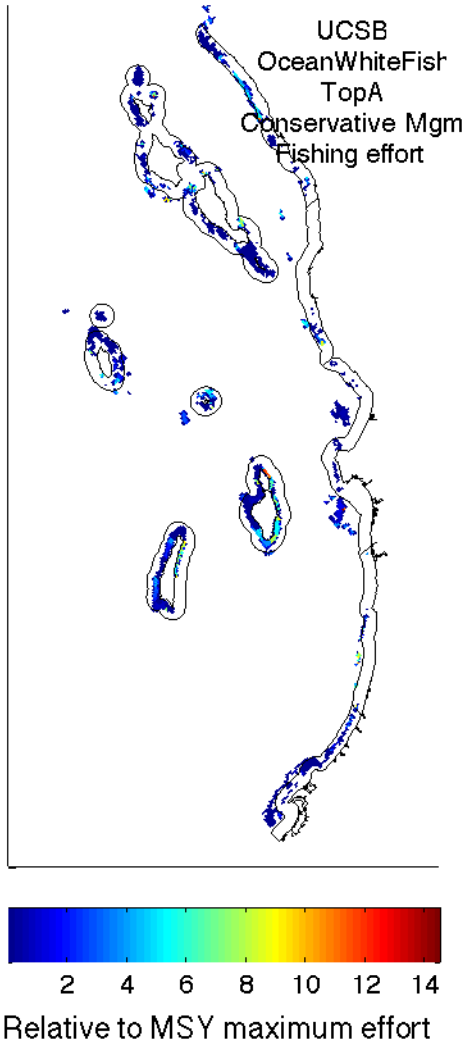

UCD
KelpRockfish
TopA
MSY-type
Fishing yield
0.2
0.4
0.6
0.8
1
Relative to MSY

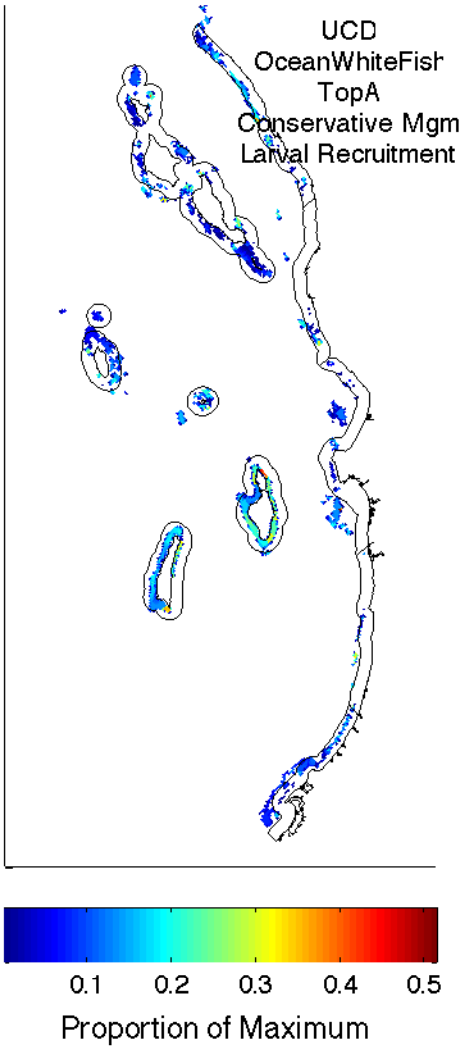

UCSB
KelpRockfish
TopA
MSY-type
Fishing yield
0.2
0.4
0.6
0.8
1
Relative to MSY

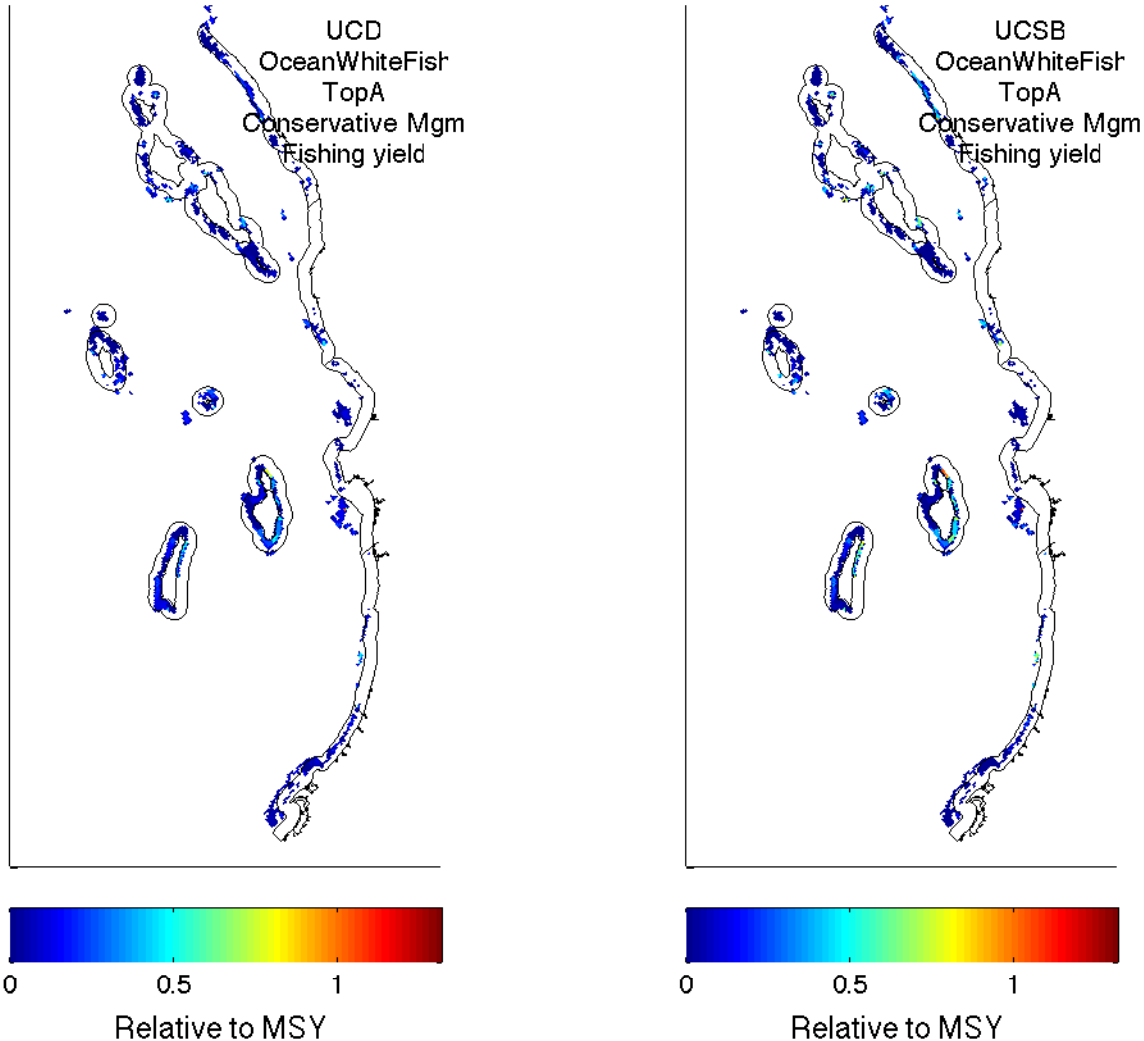

UCD
OceanWhiteFish
TopA
Conservative Mgm
Biomass
0
0.2
0.4
0.6
Relative to unfished

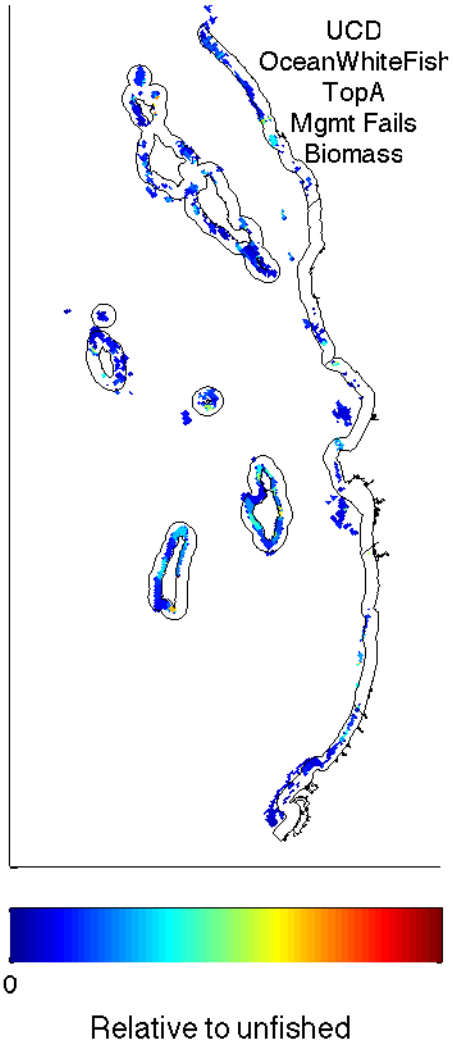

UCSB
OceanWhiteFish
TopA
Conservative Mgm
Biomass
0
0.2
0.4
0.6
Relative to unfished

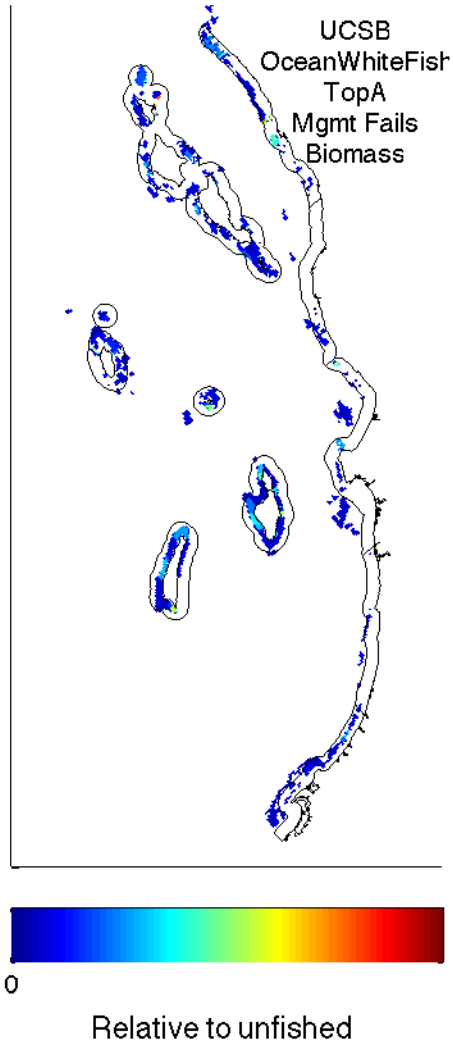

UCD
OceanWhiteFish
TopA
Conservative Mgm
Fishing effort
0.1
0.2
0.3
0.4
Relative to MSY maximum effort

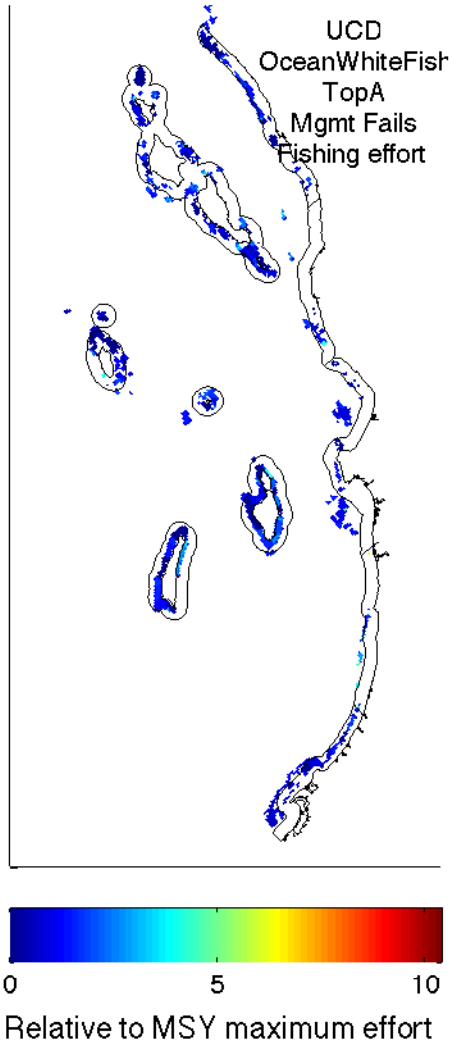

UCSB
OceanWhiteFish
TopA
Conservative Mgm
Fishing effort
2
4
6
8
10
12
14
Relative to MSY maximum effort

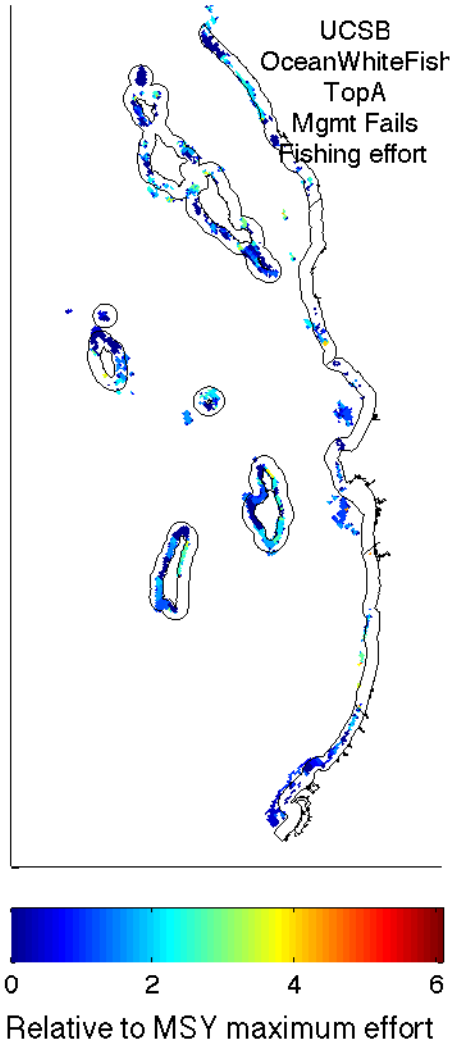

UCD
OceanWhiteFish
TopA
Conservative Mgm
Larval Recruitment
0.1
0.2
0.3
0.4
0.5
Proportion of Maximum

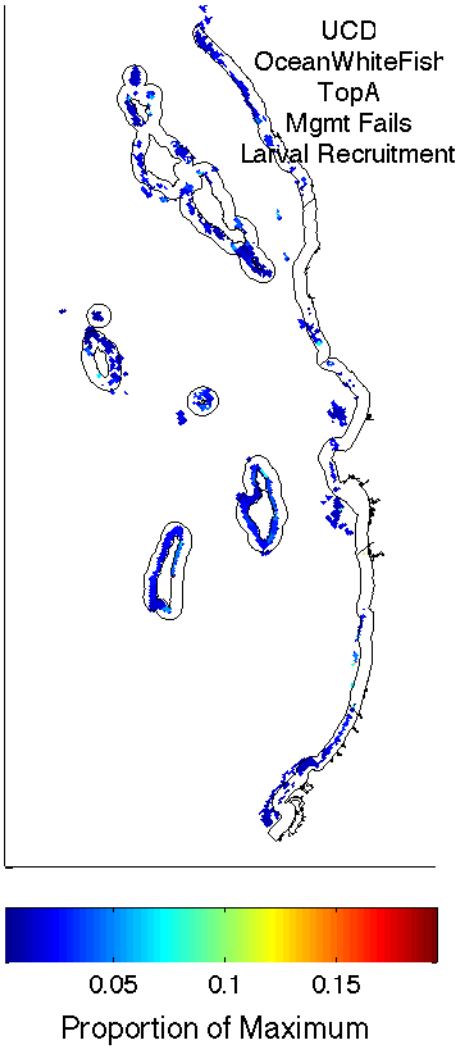

UCD
OceanWhiteFish
TopA
Conservative Mgm
Fishing yield
0
0.5
1
Relative to MSY
UCSB
OceanWhiteFish
TopA
Conservative Mgm
Fishing yield
0
0.5
1
Relative to MSY

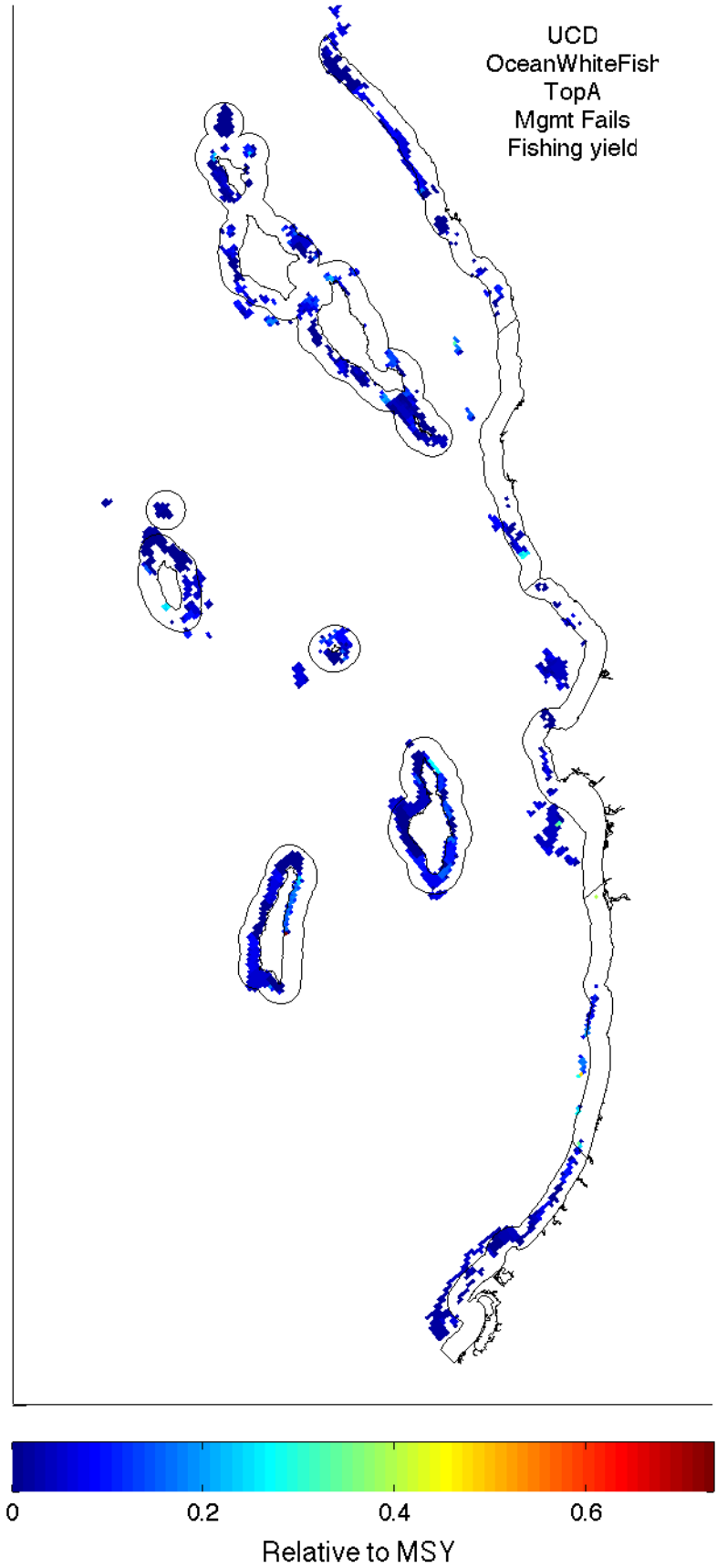

UCD
OceanWhiteFish
TopA
Mgmt Fails
Biomass
0
Relative to unfished

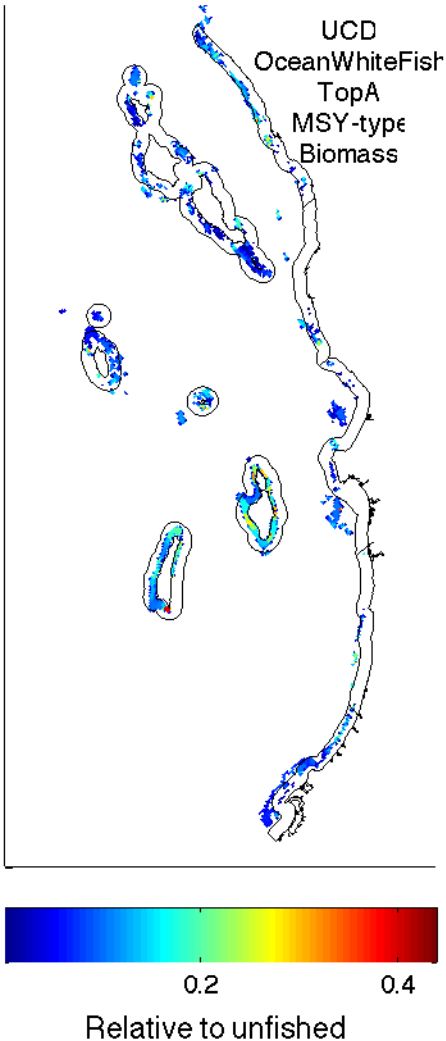

UCSB
OceanWhiteFish
TopA
Mgmt Fails
Biomass
0
Relative to unfished

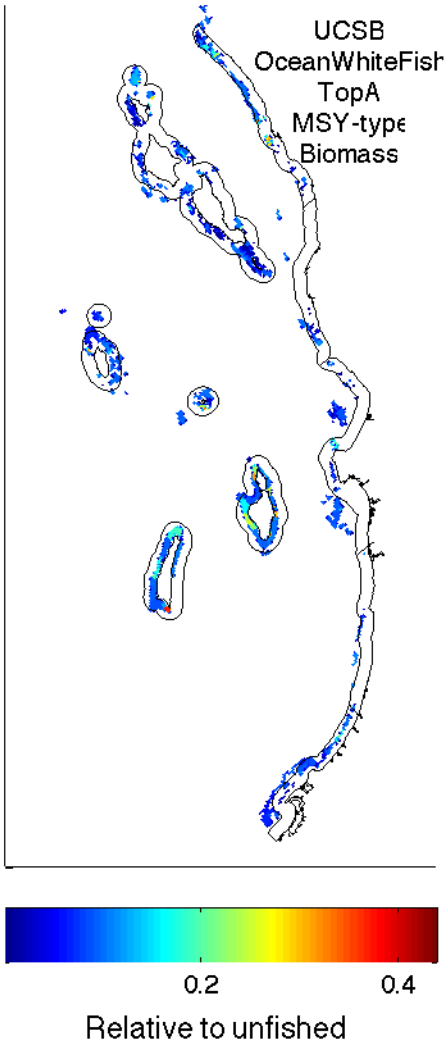

UCD
OceanWhiteFish
TopA
Mgmt Fails
Fishing effort
0
5
10
Relative to MSY maximum effort

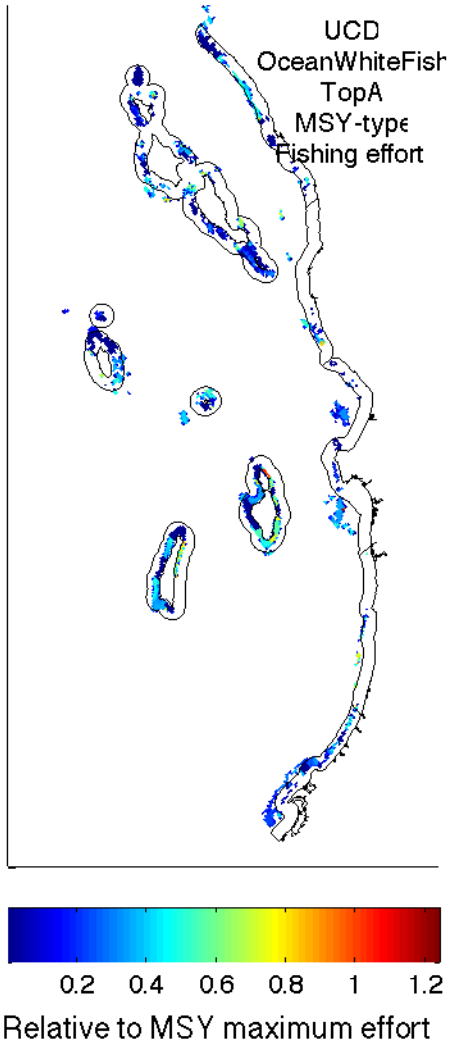

UCSB
OceanWhiteFish
TopA
Mgmt Fails
Fishing effort
0
2
4
6
Relative to MSY maximum effort

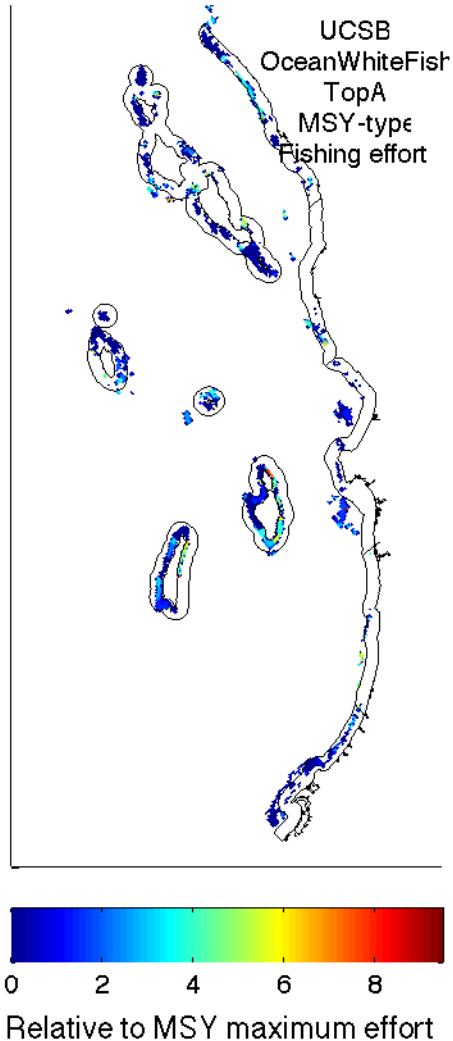

UCD
OceanWhiteFish
TopA
Mgmt Fails
Larval Recruitment
0.05
0.1
0.15
Proportion of Maximum

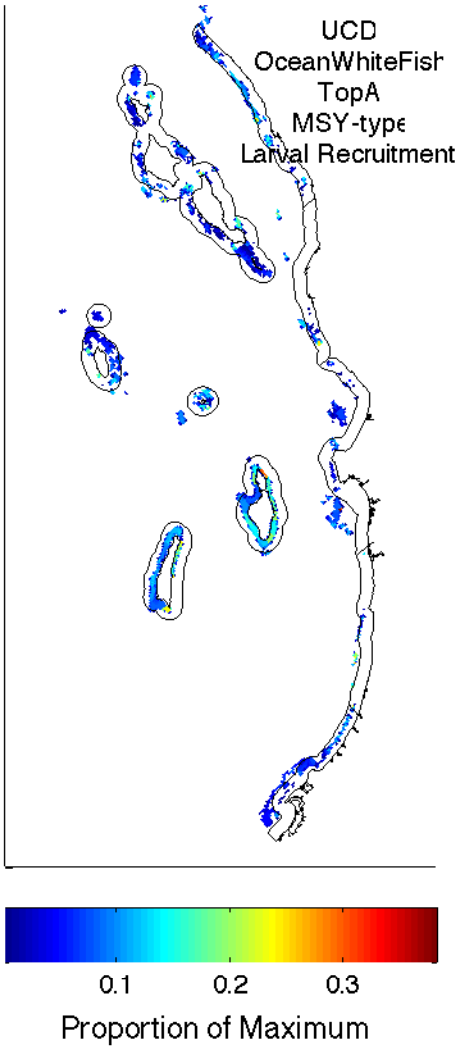

UCD
OceanWhiteFish
TopA
Mgmt Fails
Fishing yield
0
0.2
0.4
0.6
Relative to MSY

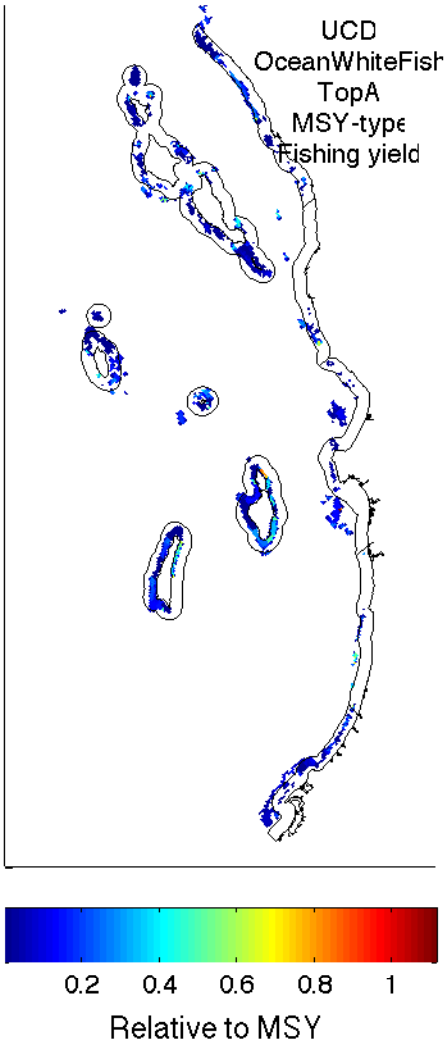

UCD
OceanWhiteFish
TopA
MSY-type
Biomass
0.2
0.4
Relative to unfished

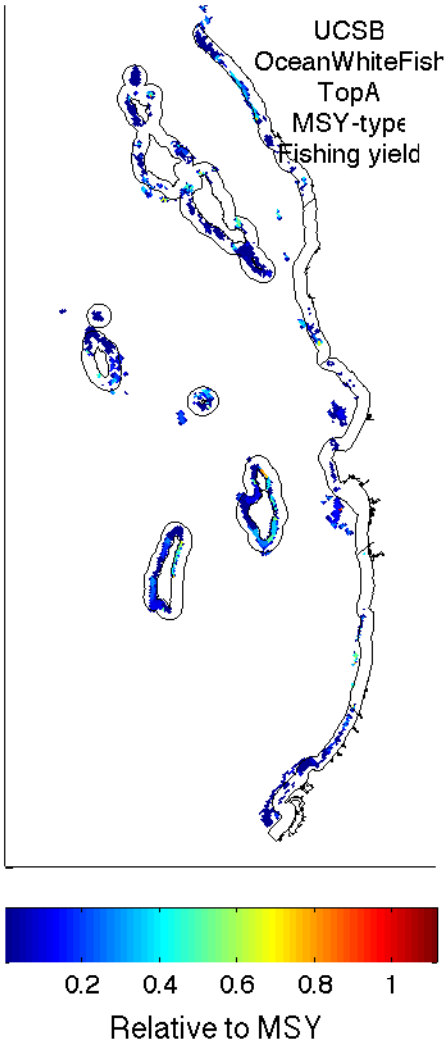

UCSB
OceanWhiteFish
TopA
MSY-type
Biomass
0.2
0.4
Relative to unfished

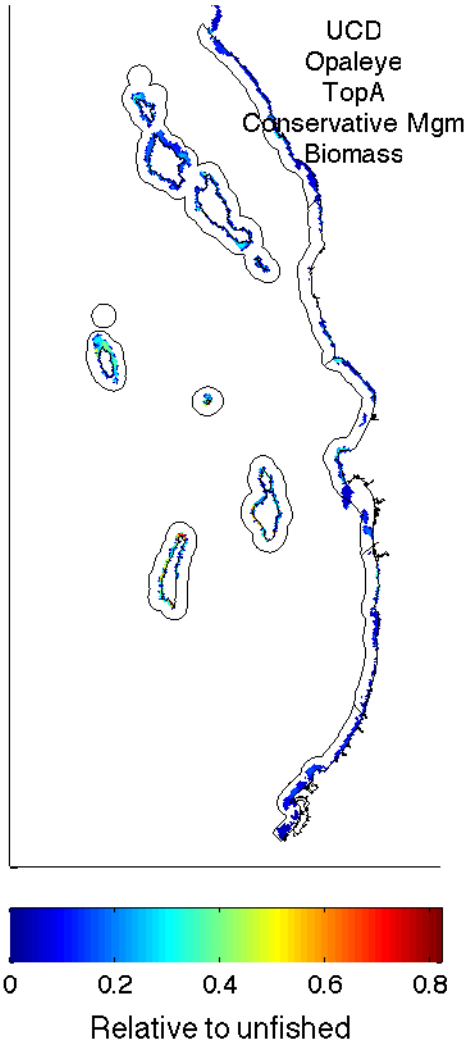

UCD
OceanWhiteFish
TopA
MSY-type
Fishing effort
0.2
0.4
0.6
0.8
1
1.2
Relative to MSY maximum effort

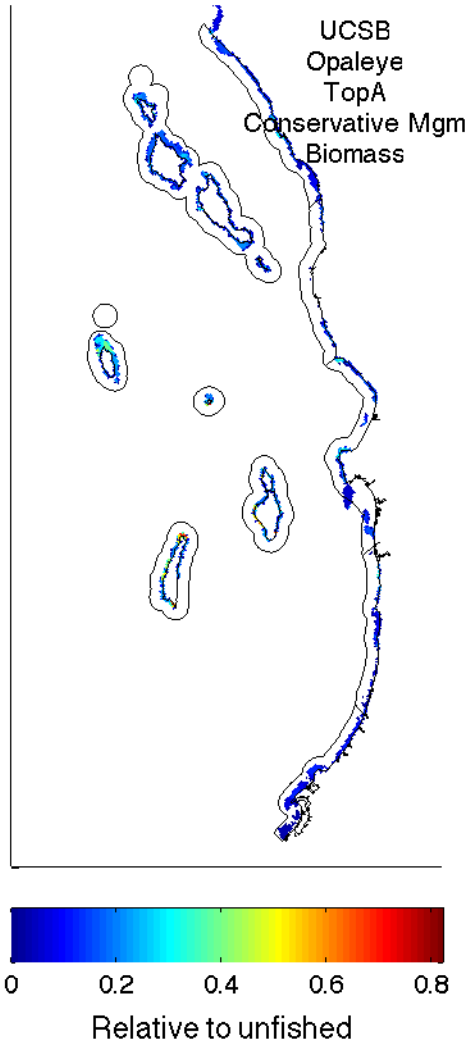

UCSB
OceanWhiteFish
TopA
MSY-type
Fishing effort
0
2
4
6
8
Relative to MSY maximum effort

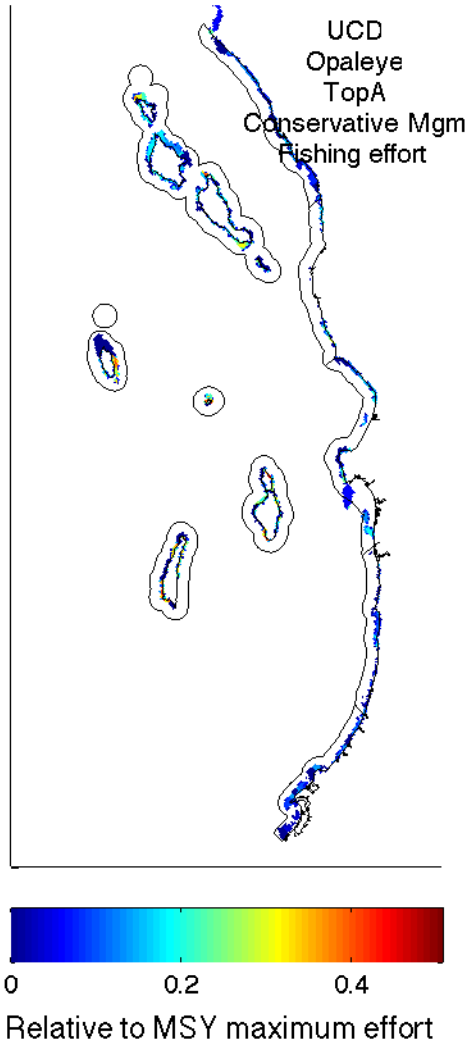

UCD
OceanWhiteFish
TopA
MSY-type
Larval Recruitment
0.1
0.2
0.3
Proportion of Maximum

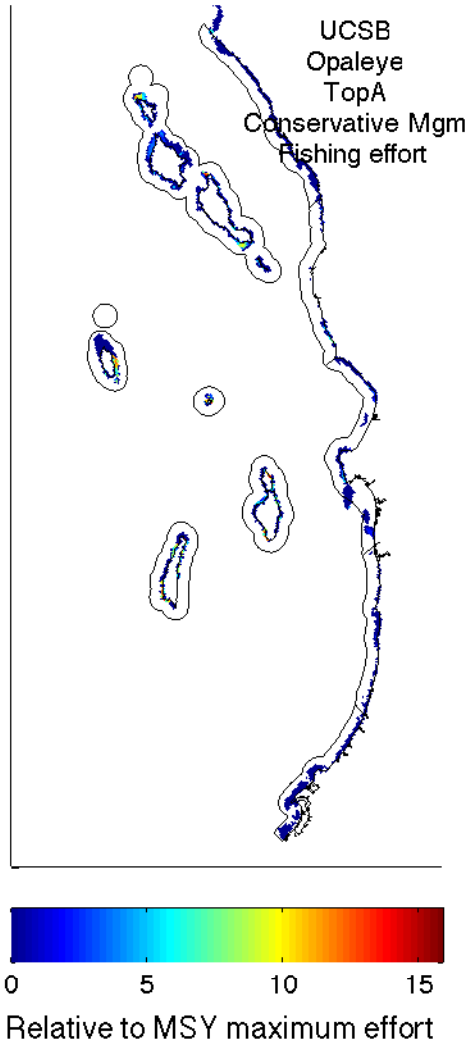

UCD
OceanWhiteFish
TopA
MSY-type
Fishing yield
0.2
0.4
0.6
0.8
1
Relative to MSY

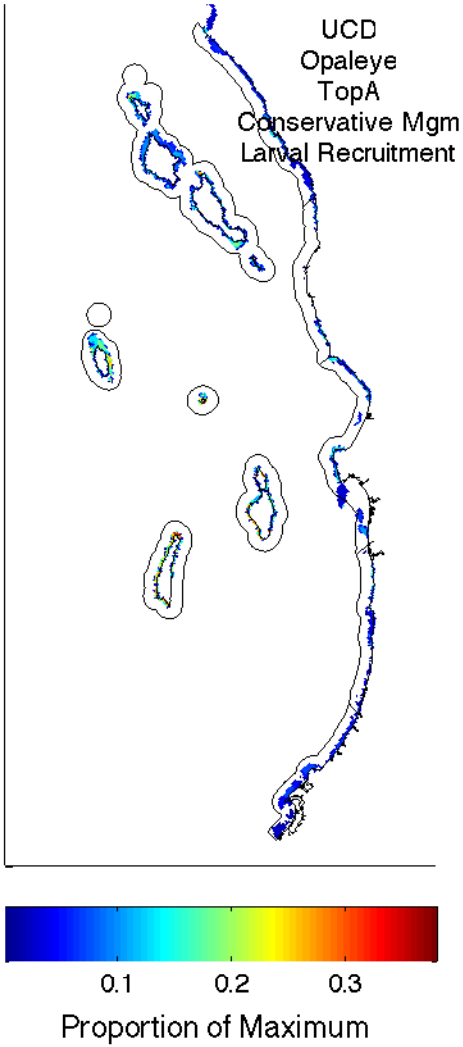

UCSB
OceanWhiteFish
TopA
MSY-type
Fishing yield
0.2
0.4
0.6
0.8
1
Relative to MSY

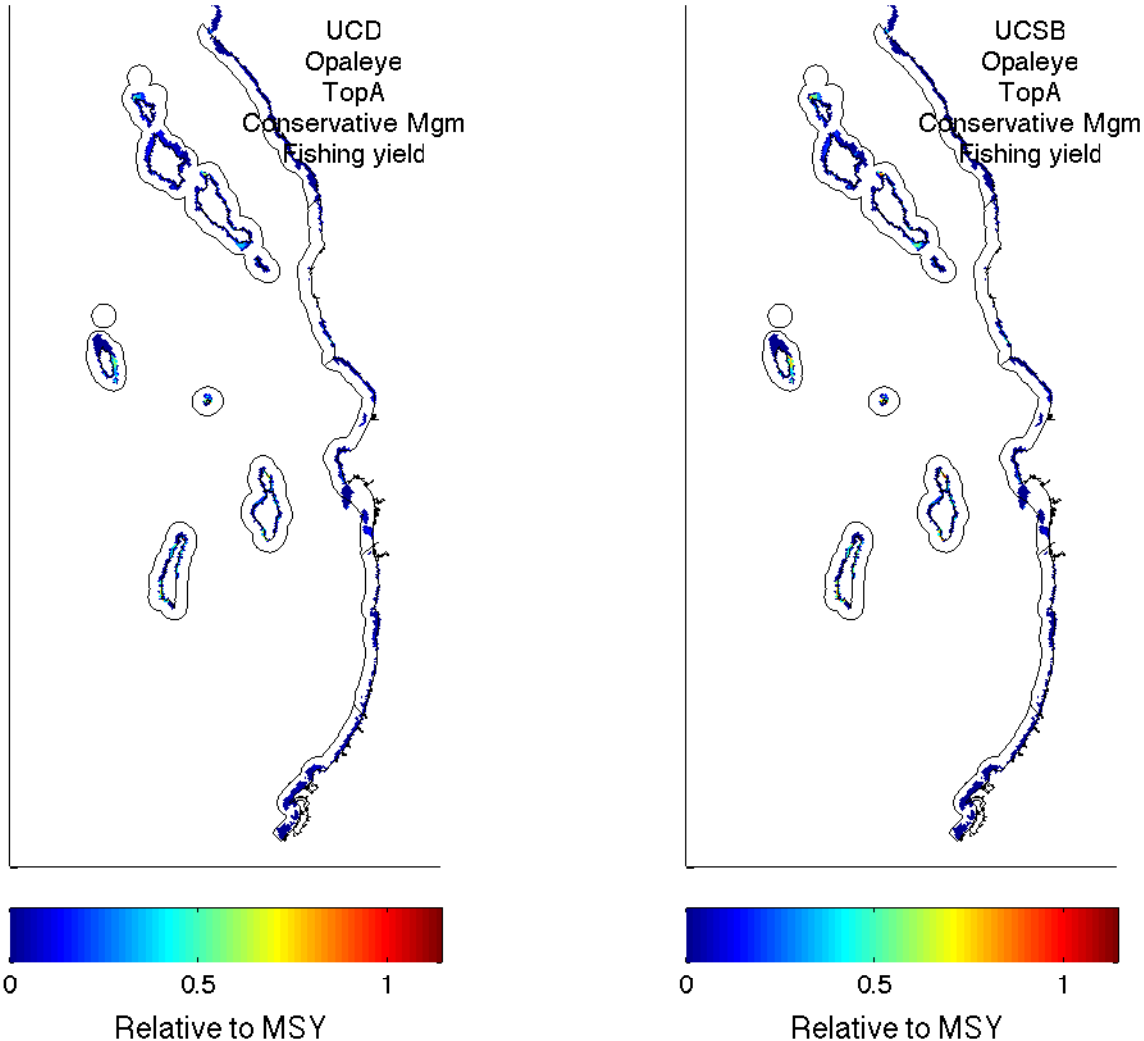

UCD
Opaleye
TopA
Conservative Mgm
Biomass
0
0.2
0.4
0.6
0.8
Relative to unfished

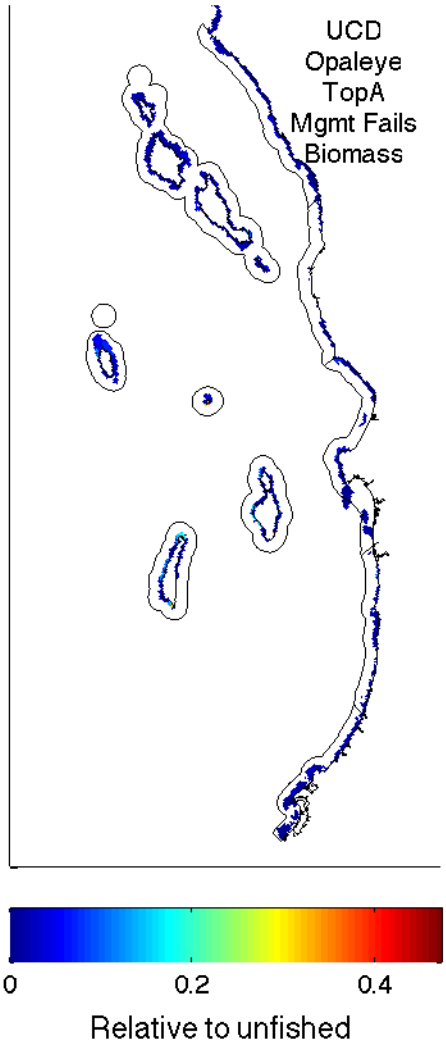

UCSB
Opaleye
TopA
Conservative Mgm
Biomass
0
0.2
0.4
0.6
0.8
Relative to unfished

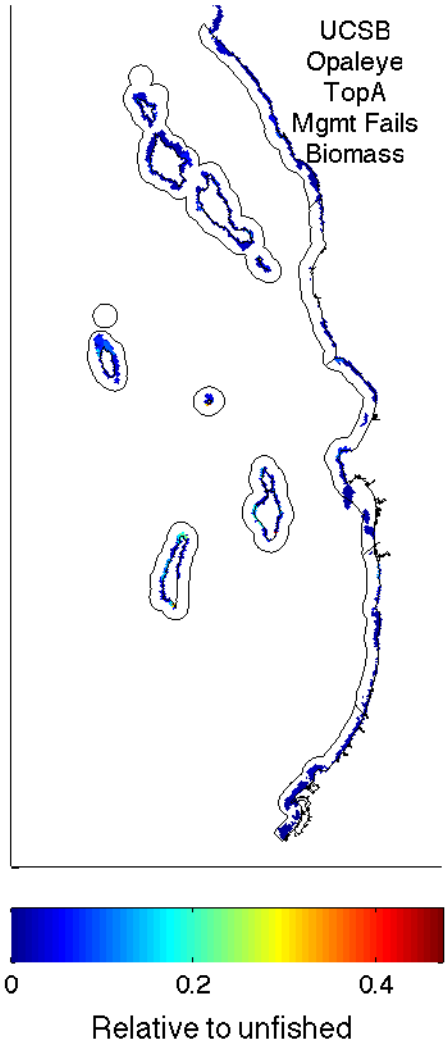

UCD
Opaleye
TopA
Conservative Mgm
Fishing effort
0
0.2
0.4
Relative to MSY maximum effort

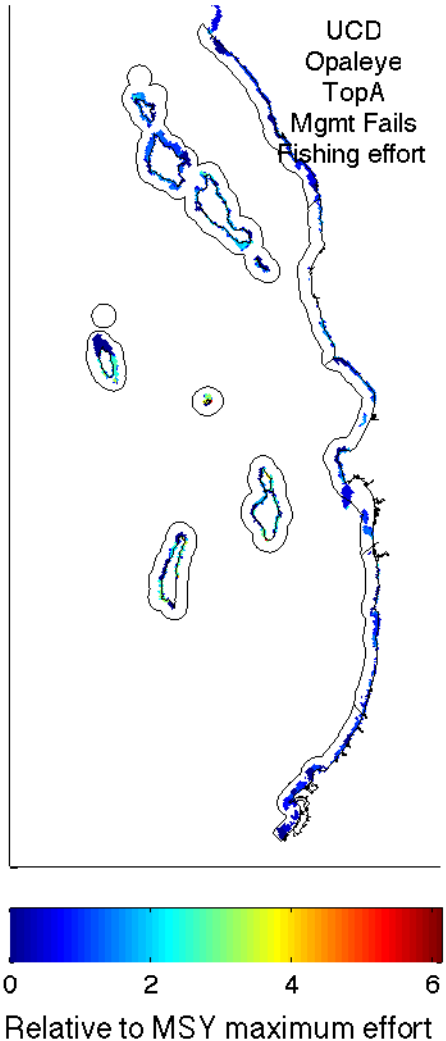

UCSB
Opaleye
TopA
Conservative Mgm
Fishing effort
0
5
10
15
Relative to MSY maximum effort

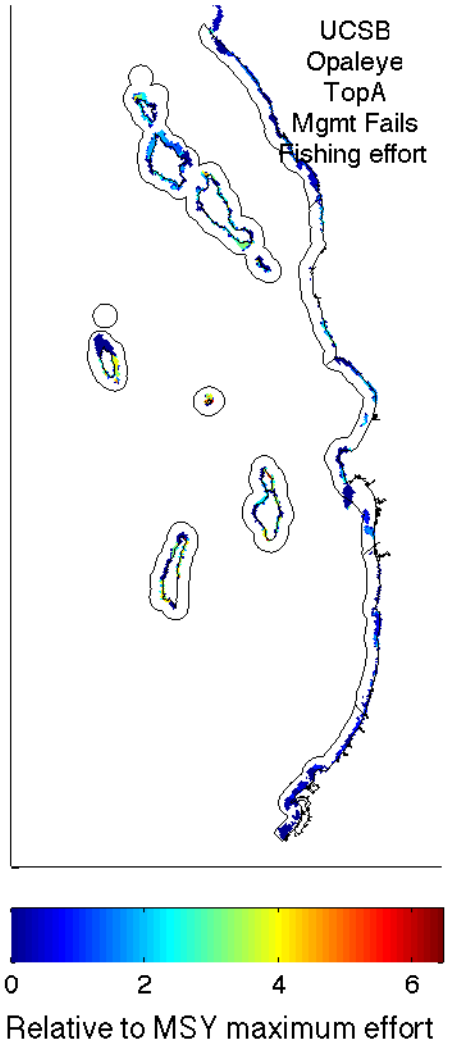

UCD
Opaleye
TopA
Conservative Mgm
Larval Recruitment
0.1
0.2
0.3
Proportion of Maximum

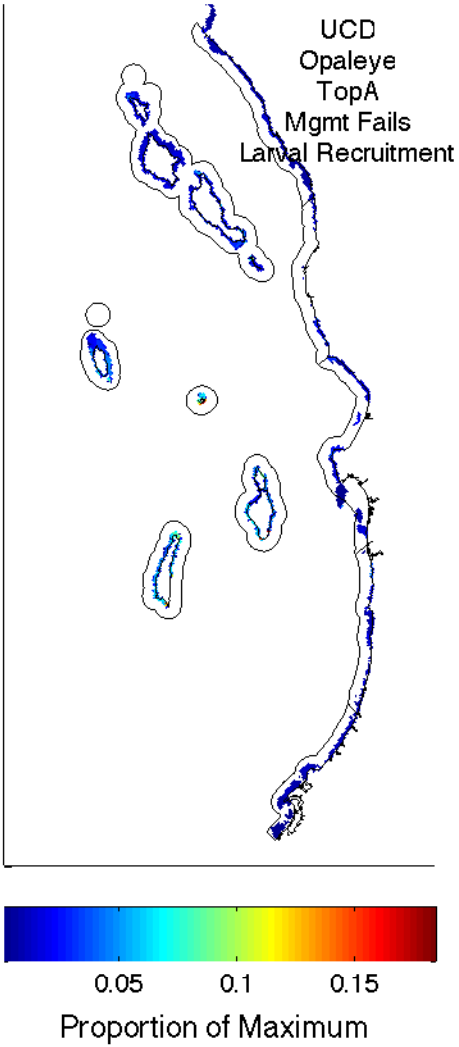

UCD
Opaleye
TopA
Conservative Mgm
Fishing yield
0
0.5
1
Relative to MSY
UCSB
Opaleye
TopA
Conservative Mgm
Fishing yield
0
0.5
1
Relative to MSY

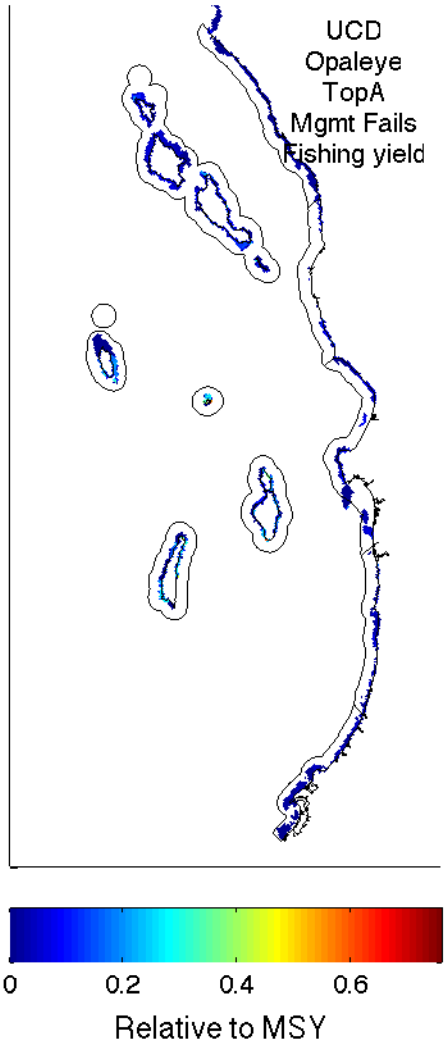

UCD
Opaleye
TopA
Mgmt Fails
Biomass
0
0.2
0.4
Relative to unfished

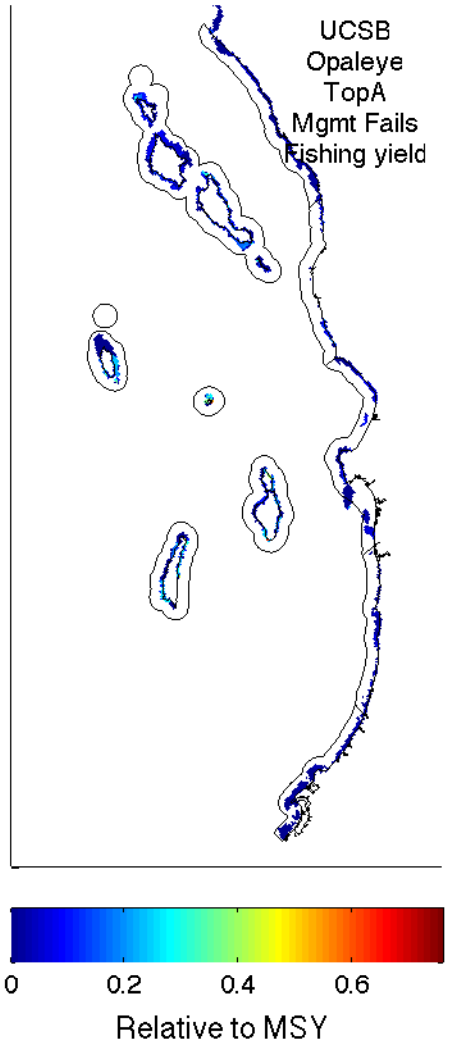

UCSB
Opaleye
TopA
Mgmt Fails
Biomass
0
0.2
0.4
Relative to unfished

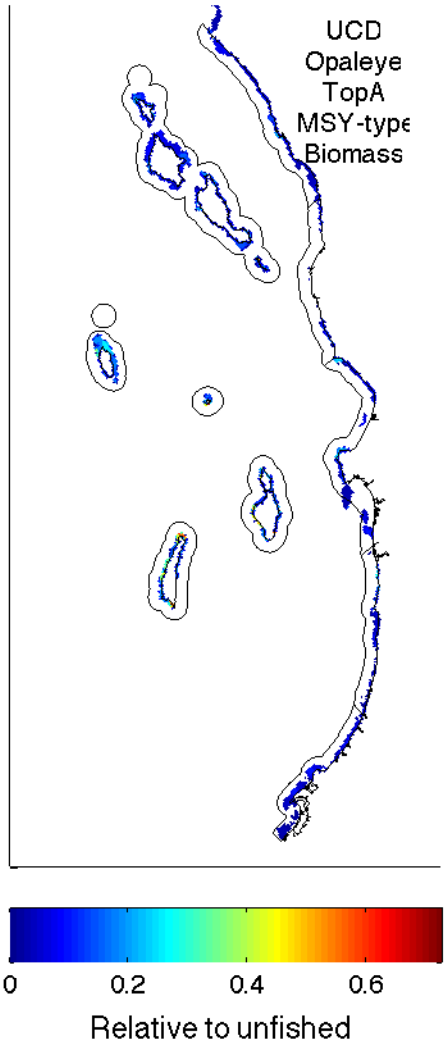

UCD
Opaleye
TopA
Mgmt Fails
Fishing effort
0
2
4
6
Relative to MSY maximum effort

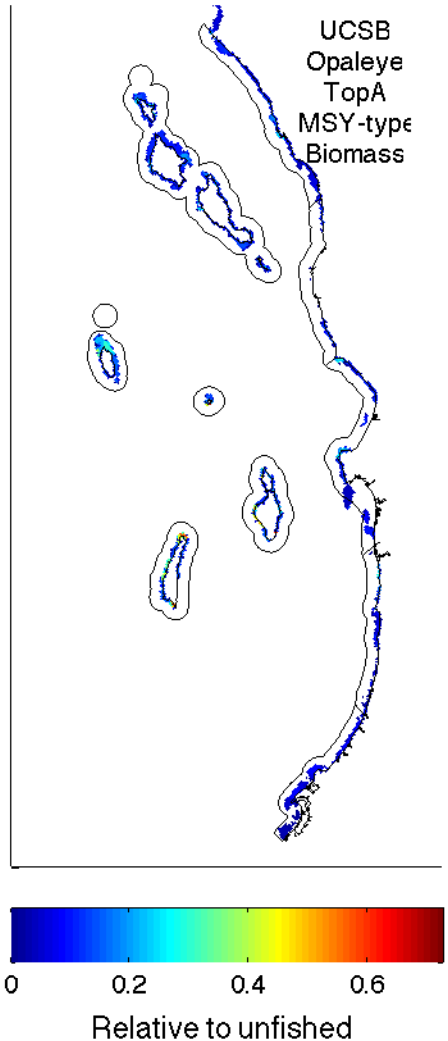

UCSB
Opaleye
TopA
Mgmt Fails
Fishing effort
0
2
4
6
Relative to MSY maximum effort

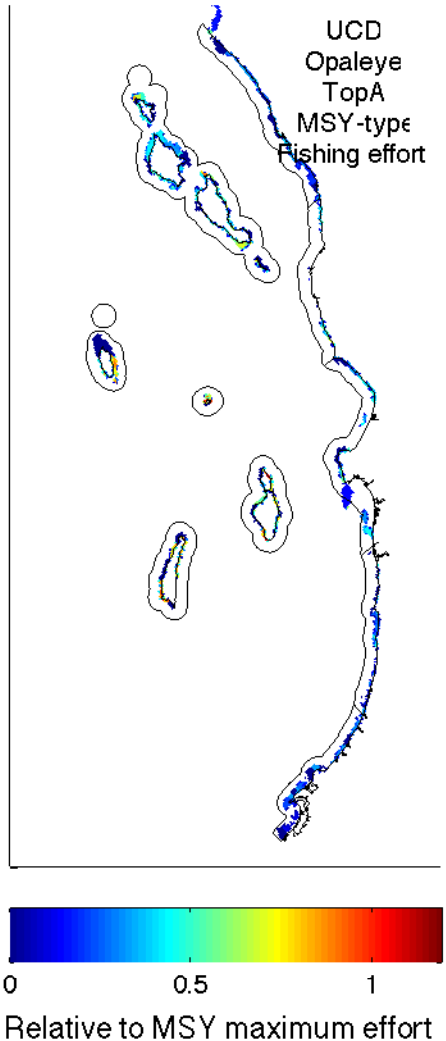

UCD
Opaleye
TopA
Mgmt Fails
Larval Recruitment
0.05
0.1
0.15
Proportion of Maximum

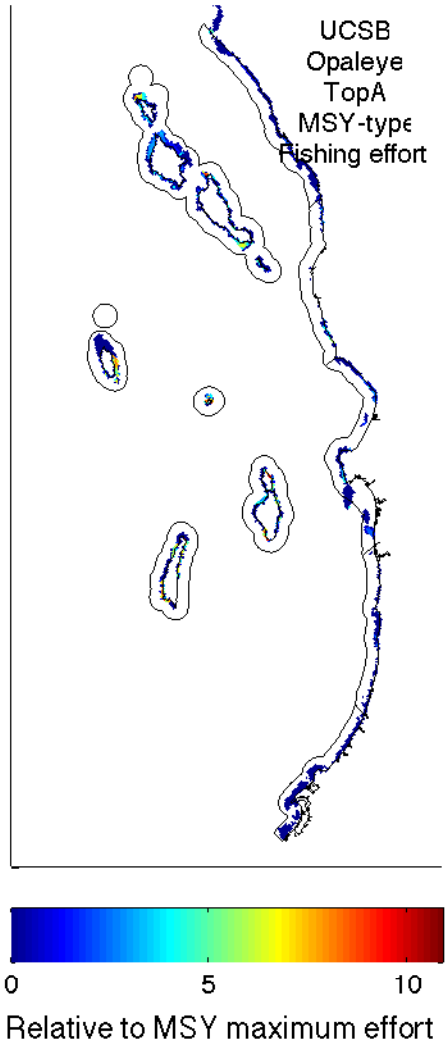

UCD
Opaleye
TopA
Mgmt Fails
Fishing yield
0
0.2
0.4
0.6
Relative to MSY

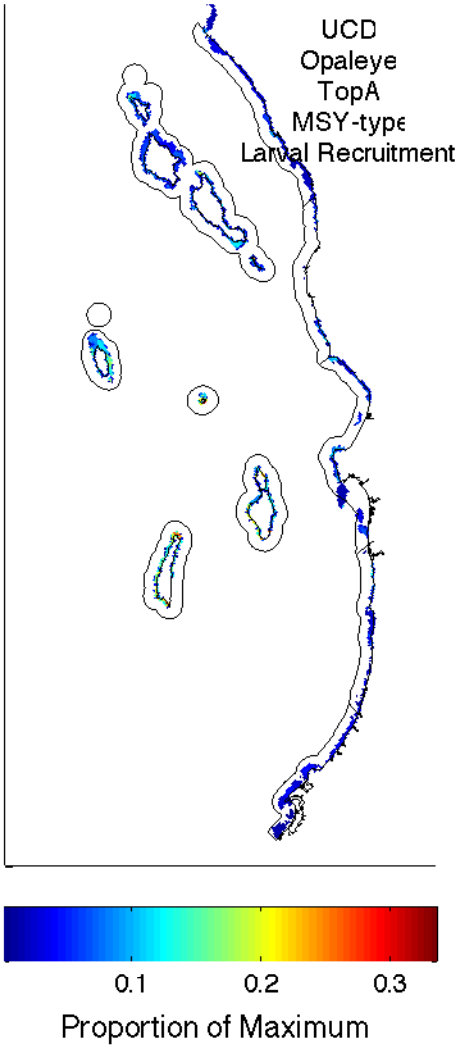

UCSB
Opaleye
TopA
Mgmt Fails
Fishing yield
0
0.2
0.4
0.6
Relative to MSY

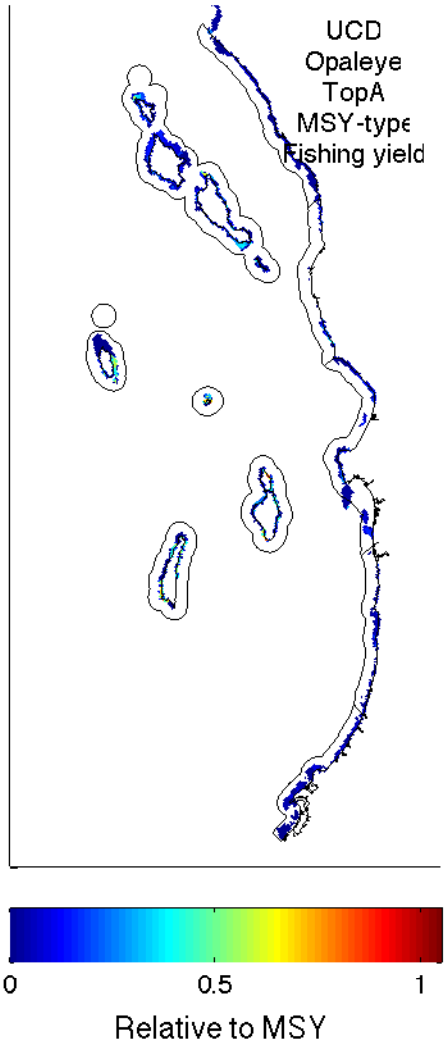

UCD
Opaleye
TopA
MSY-type
Biomass
0
0.2
0.4
0.6
Relative to unfished

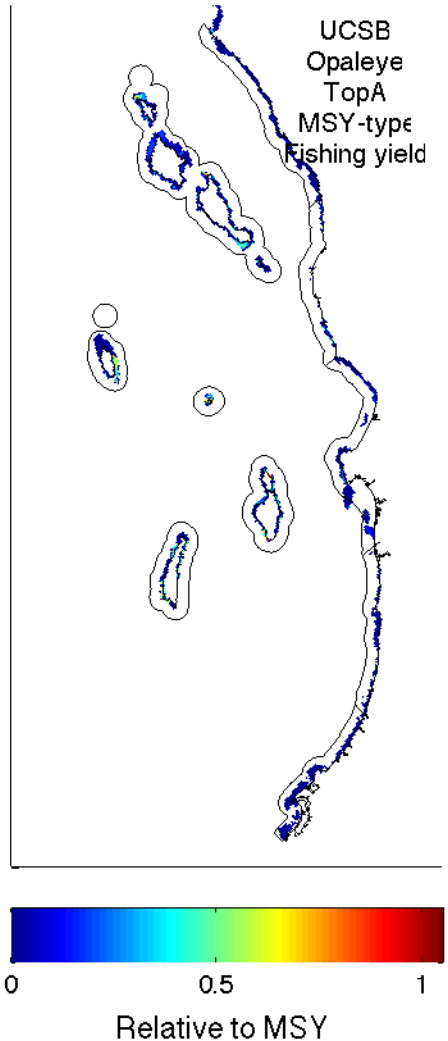

UCSB
Opaleye
TopA
MSY-type
Biomass
0
0.2
0.4
0.6
Relative to unfished

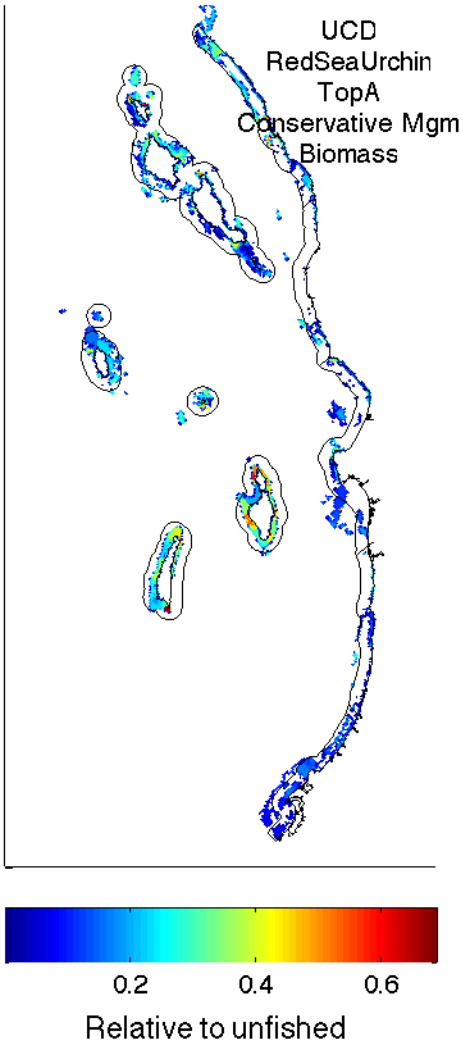

UCD
Opaleye
TopA
MSY-type
Fishing effort
0
0.5
1
Relative to MSY maximum effort

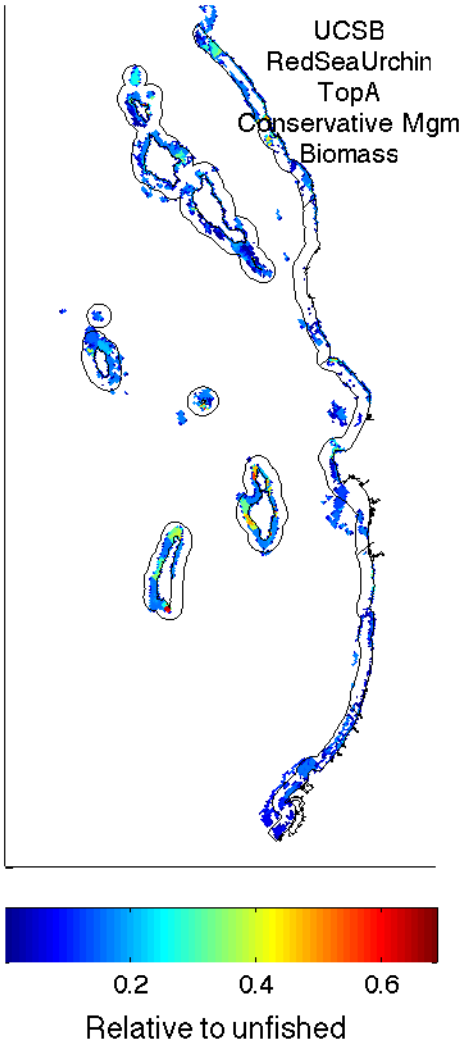

UCSB
Opaleye
TopA
MSY-type
Fishing effort
0
5
10
Relative to MSY maximum effort

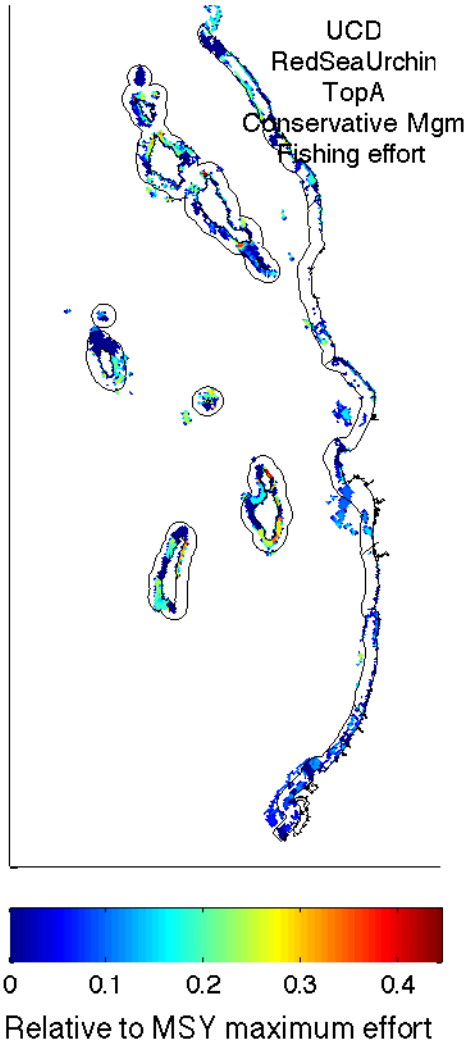

UCD
Opaleye
TopA
MSY-type
Larval Recruitment
0.1
0.2
0.3
Proportion of Maximum

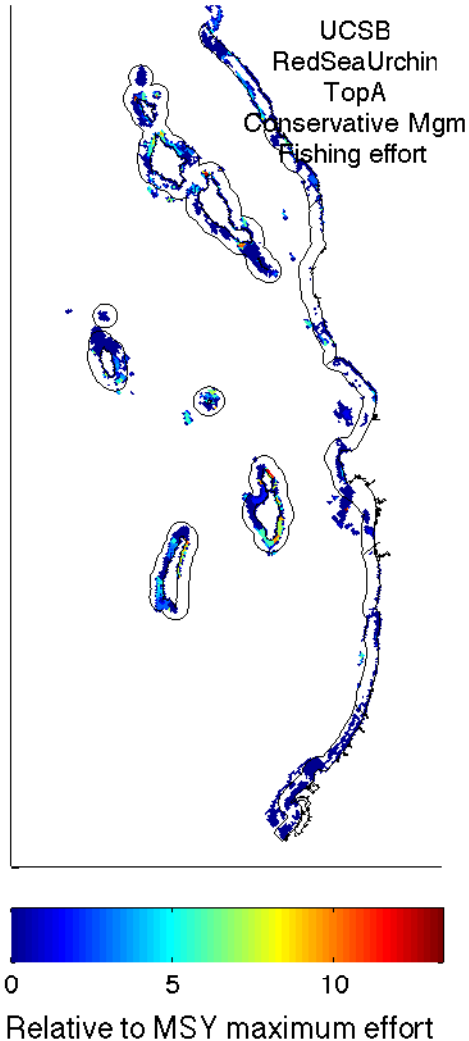

UCD
Opaleye
TopA
MSY-type
Fishing yield
0
0.5
1
Relative to MSY

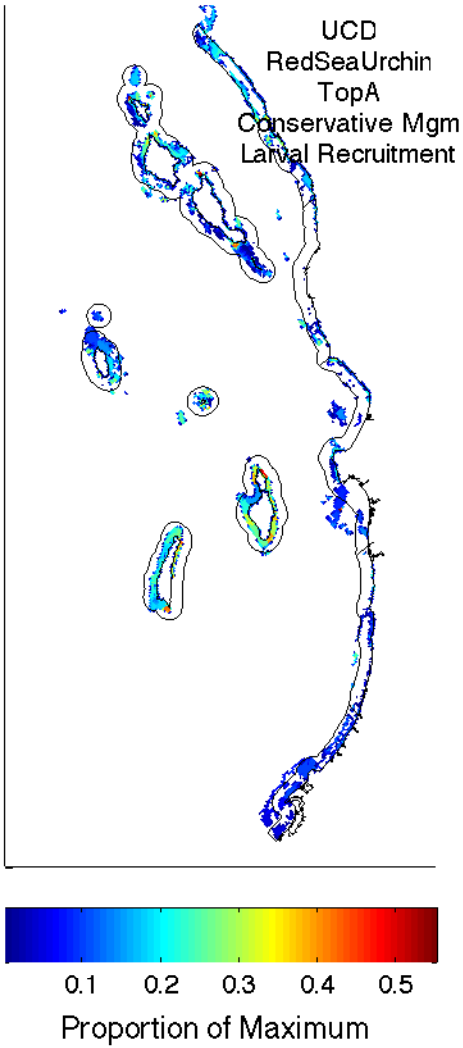

UCSB
Opaleye
TopA
MSY-type
Fishing yield
0
0.5
1
Relative to MSY

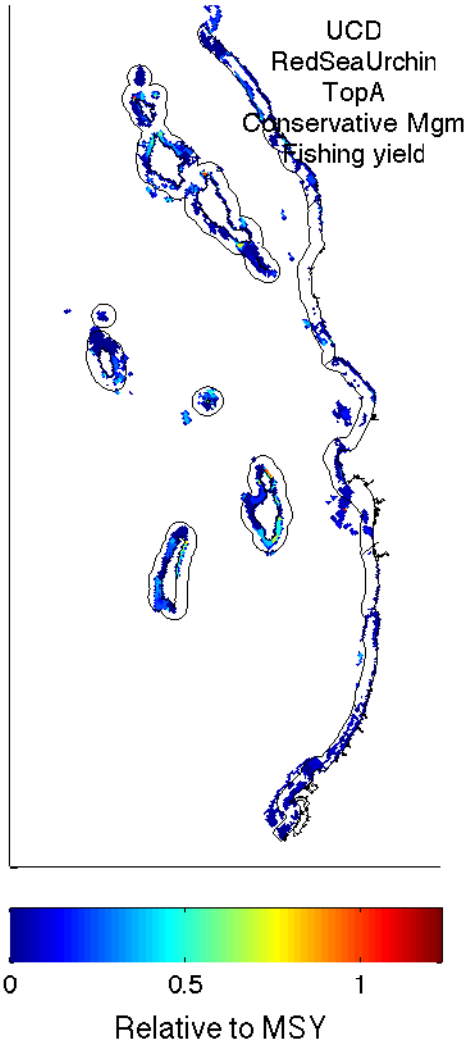

UCD
RedSeaUrchin
TopA
Conservative Mgm
Biomass
0.2
0.4
0.6
Relative to unfished

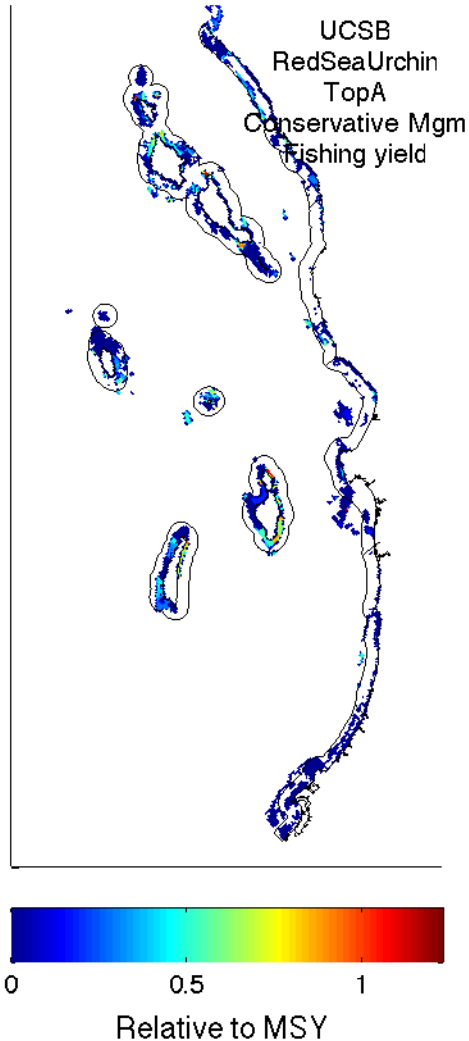

UCSB
RedSeaUrchin
TopA
Conservative Mgm
Biomass
0.2
0.4
0.6
Relative to unfished

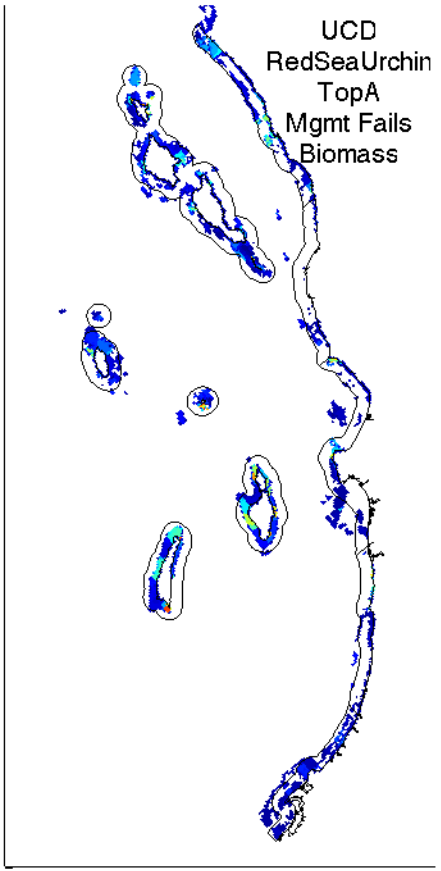

UCD
RedSeaUrchin
TopA
Conservative Mgm
Fishing effort
0
0.1
0.2
0.3
0.4
Relative to MSY maximum effort

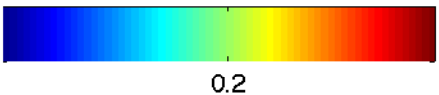

UCSB
RedSeaUrchin
TopA
Conservative Mgm
Fishing effort
0
5
10
Relative to MSY maximum effort


UCD
RedSeaUrchin
TopA
Conservative Mgm
Larval Recruitment
0.1
0.2
0.3
0.4
0.5
Proportion of Maximum

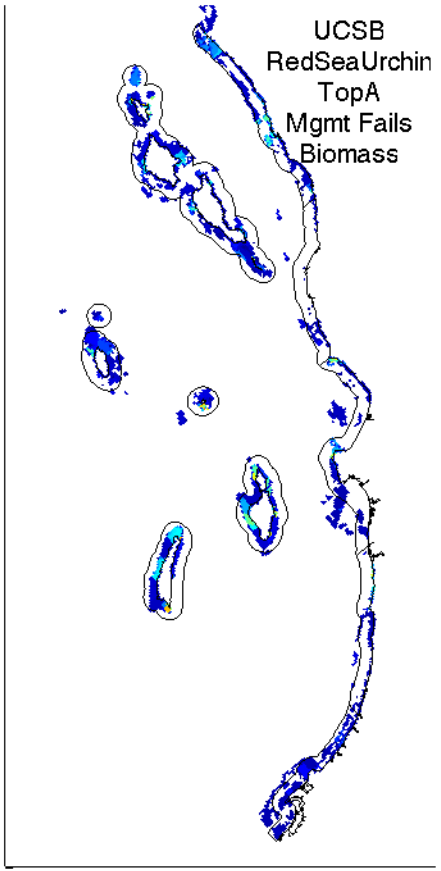

UCD
RedSeaUrchin
TopA
Conservative Mgm
Fishing yield
0
0.5
1
Relative to MSY

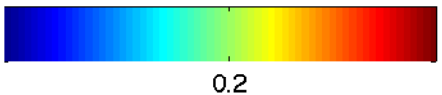

UCSB
RedSeaUrchin
TopA
Conservative Mgm
Fishing yield
0
0.5
1
Relative to MSY



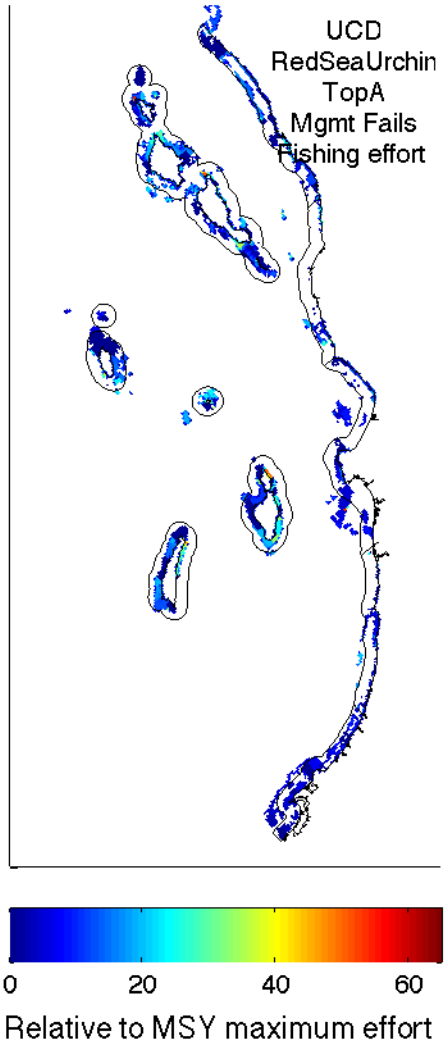


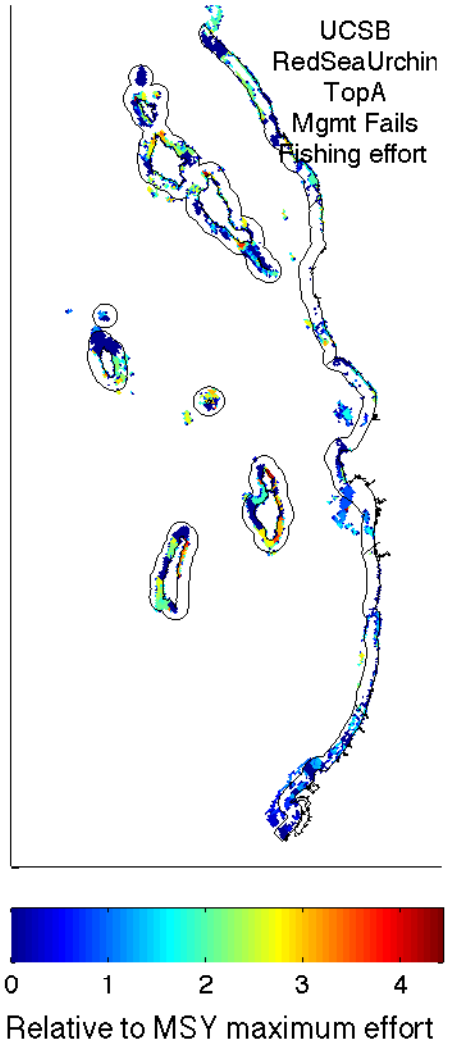
Relative to unfished

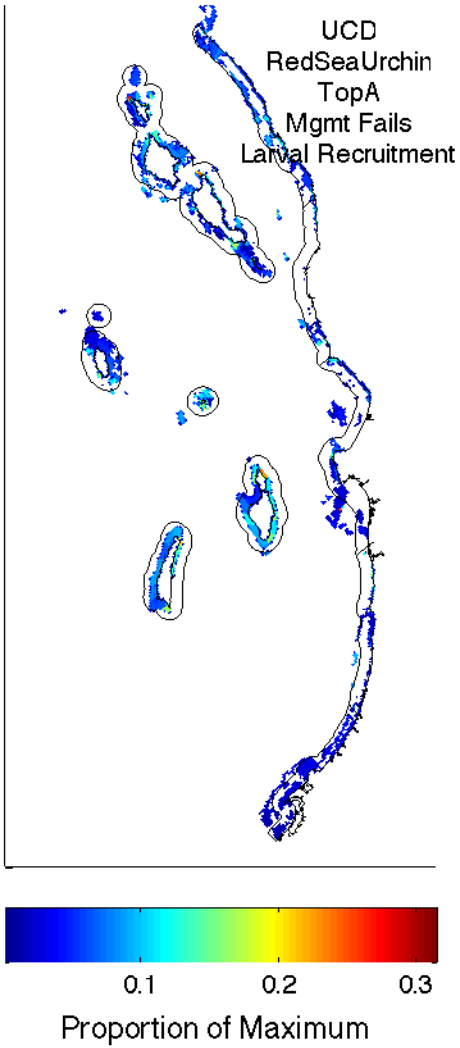


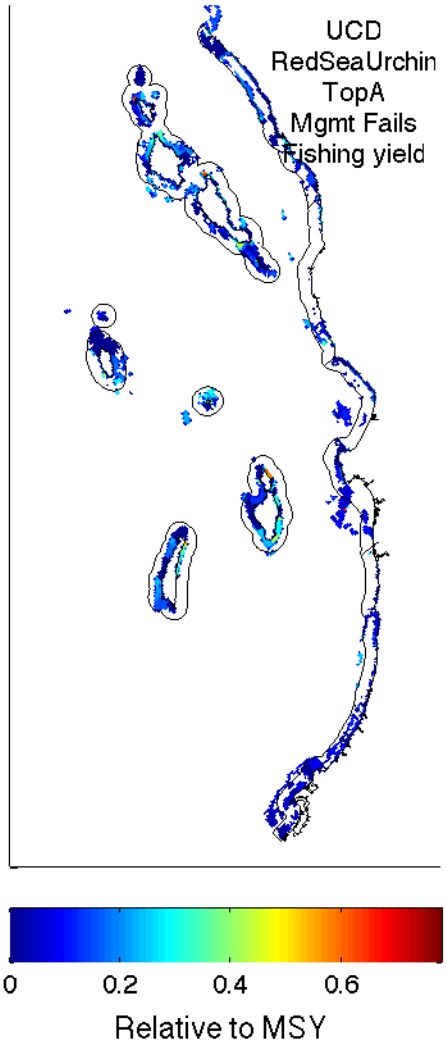


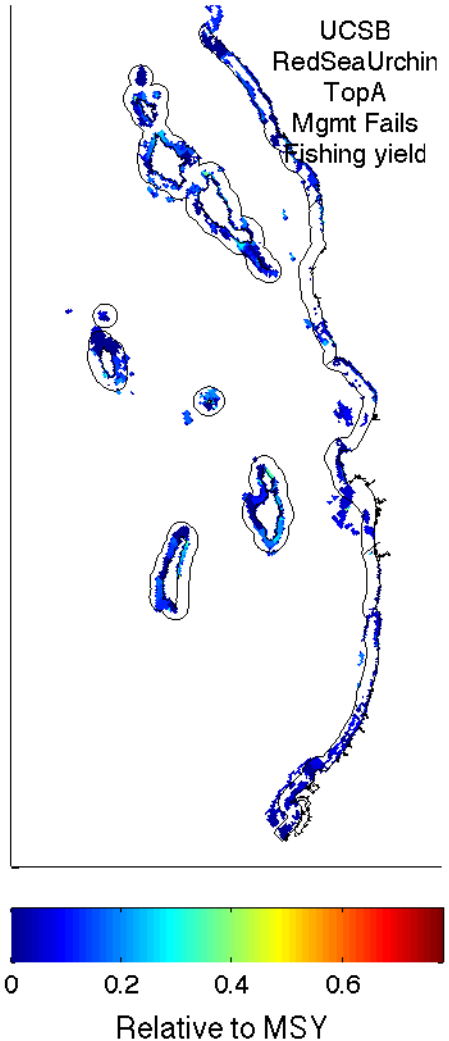
Relative to unfished

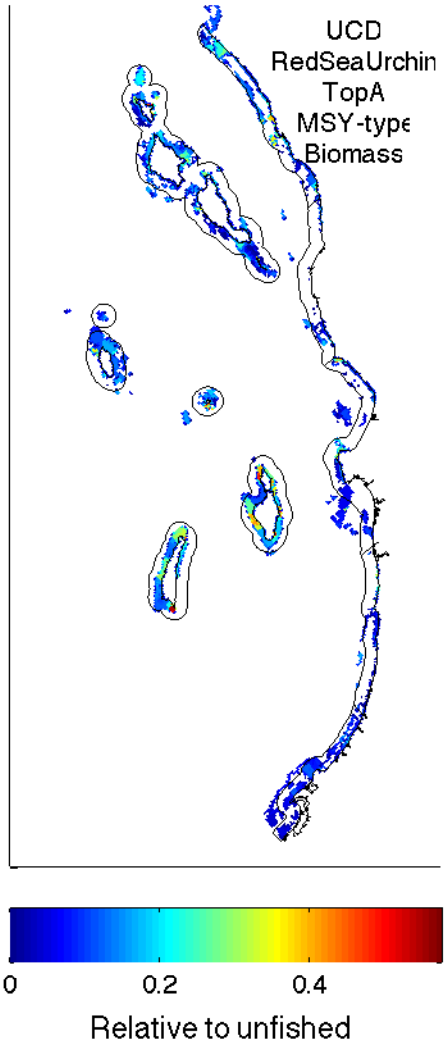

UCD
RedSeaUrchin
TopA
Mgmt Fails
Fishing effort
0
20
40
60
Relative to MSY maximum effort

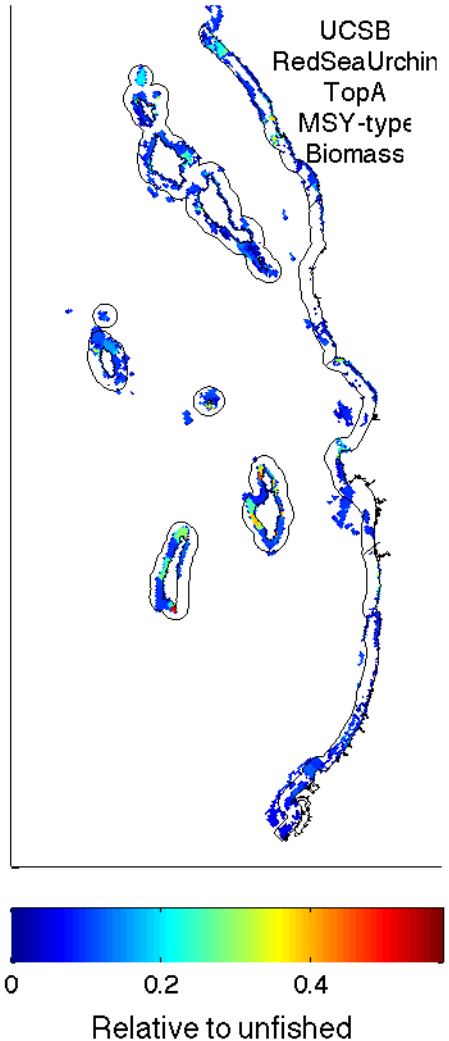

UCSB
RedSeaUrchin
TopA
Mgmt Fails
Fishing effort
0
1
2
3
4
Relative to MSY maximum effort

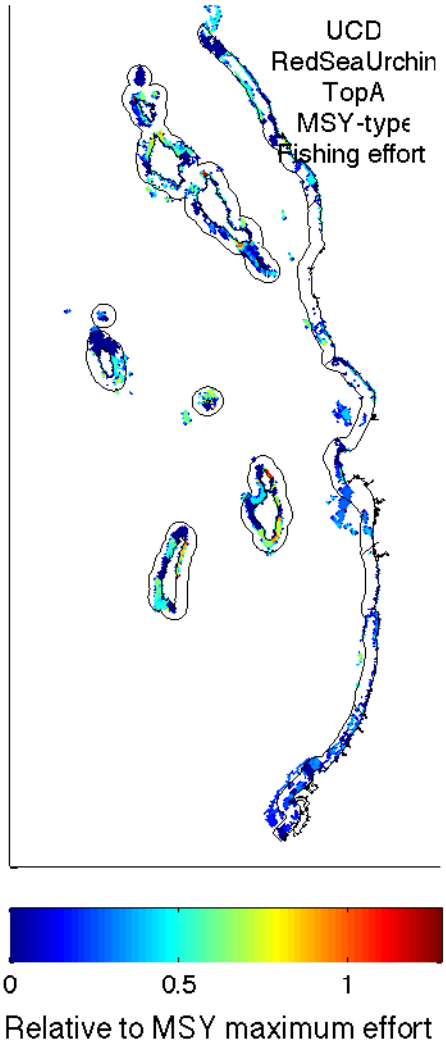

UCD
RedSeaUrchin
TopA
Mgmt Fails
Larval Recruitment
0.1
0.2
0.3
Proportion of Maximum

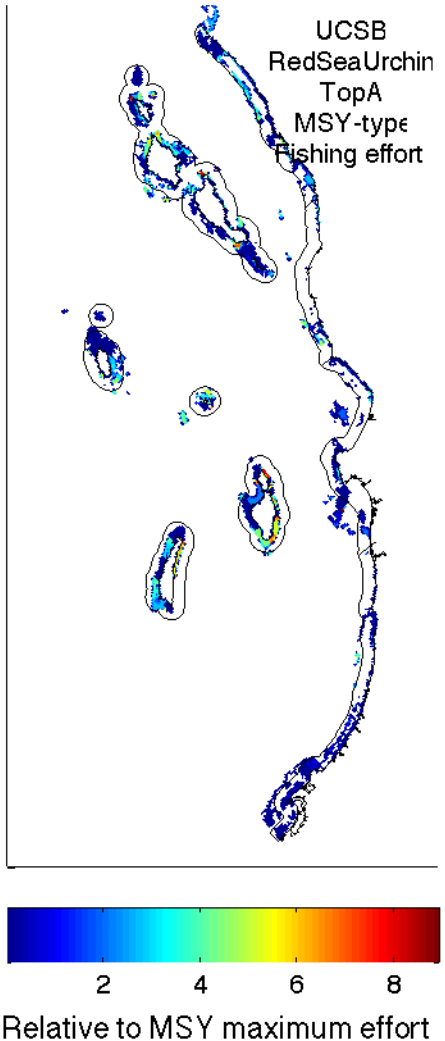

UCD
RedSeaUrchin
TopA
Mgmt Fails
Fishing yield
0
0.2
0.4
0.6
Relative to MSY

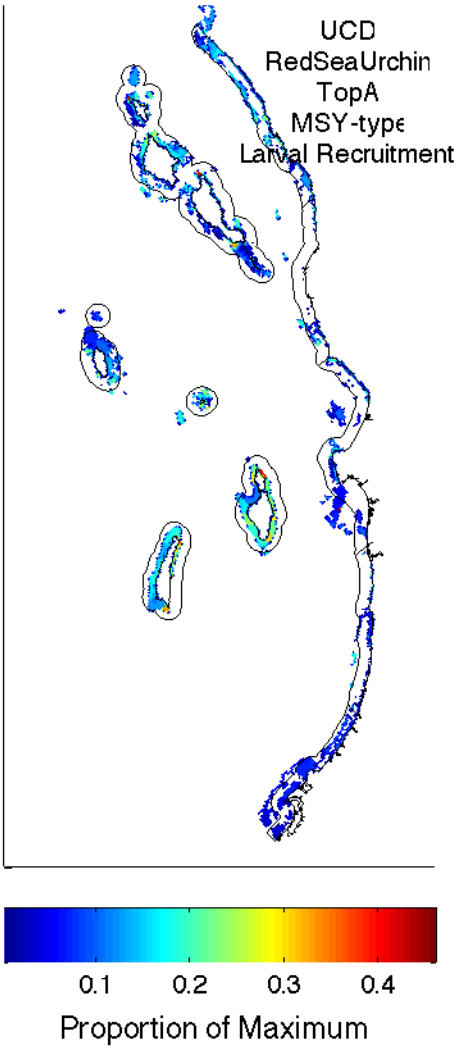

UCSB
RedSeaUrchin
TopA
Mgmt Fails
Fishing yield
0
0.2
0.4
0.6
Relative to MSY

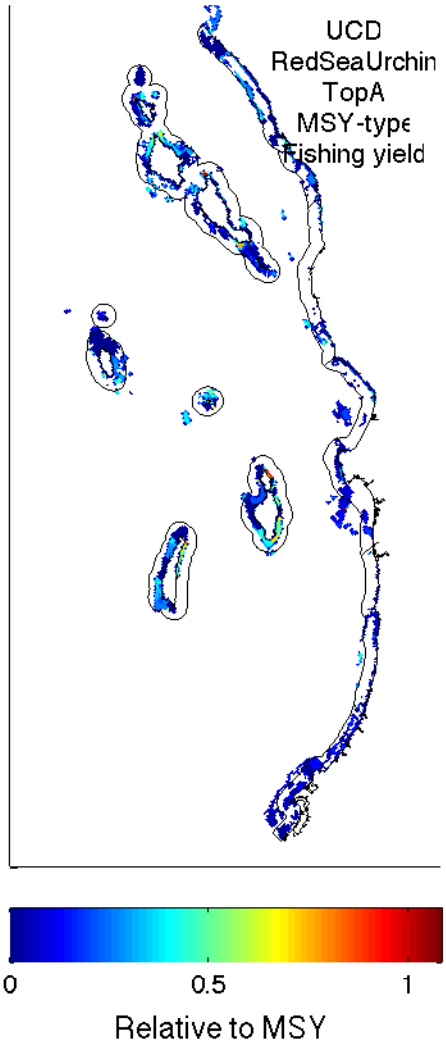

UCD
RedSeaUrchin
TopA
MSY-type
Biomass
0
0.2
0.4
Relative to unfished

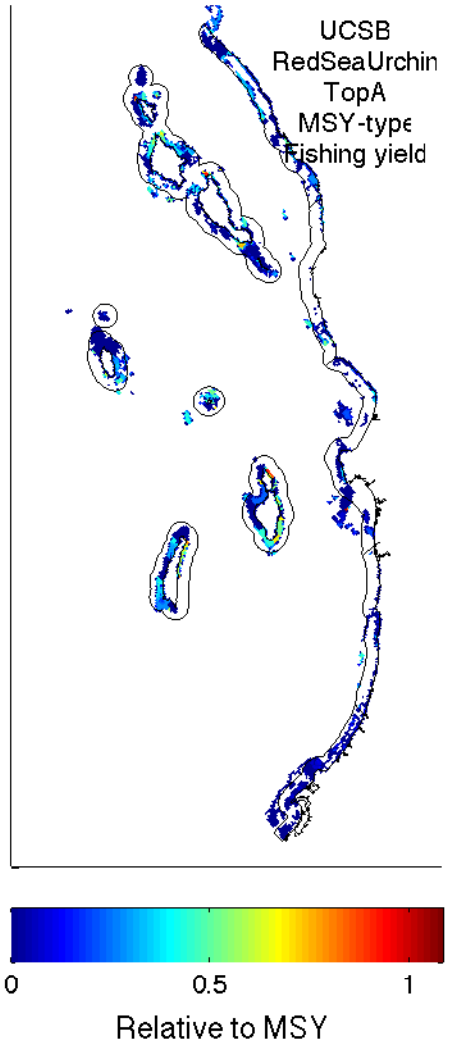

UCSB
RedSeaUrchin
TopA
MSY-type
Biomass
0
0.2
0.4
Relative to unfished

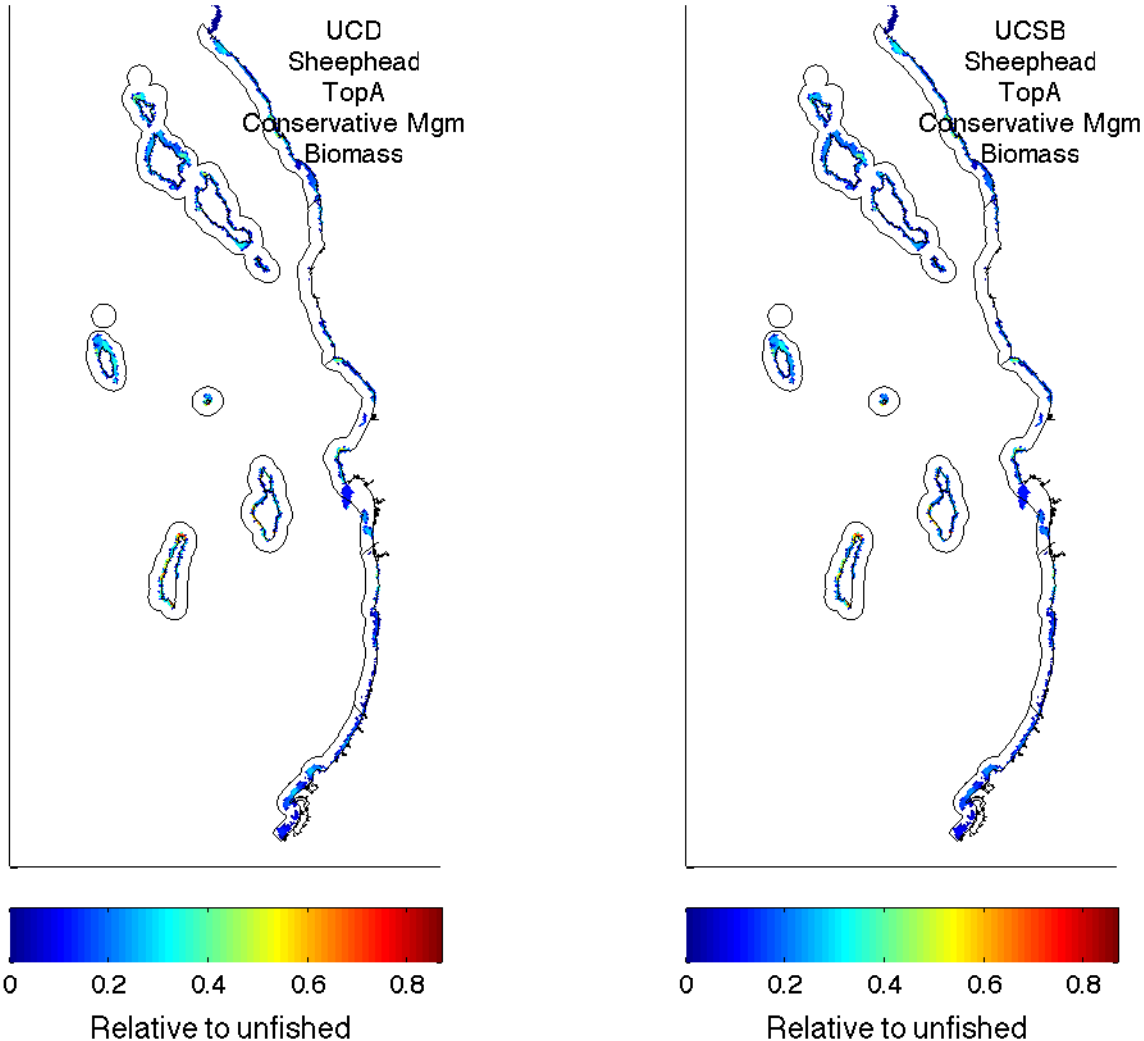

UCD
RedSeaUrchin
TopA
MSY-type
Fishing effort
0
0.5
1
Relative to MSY maximum effort

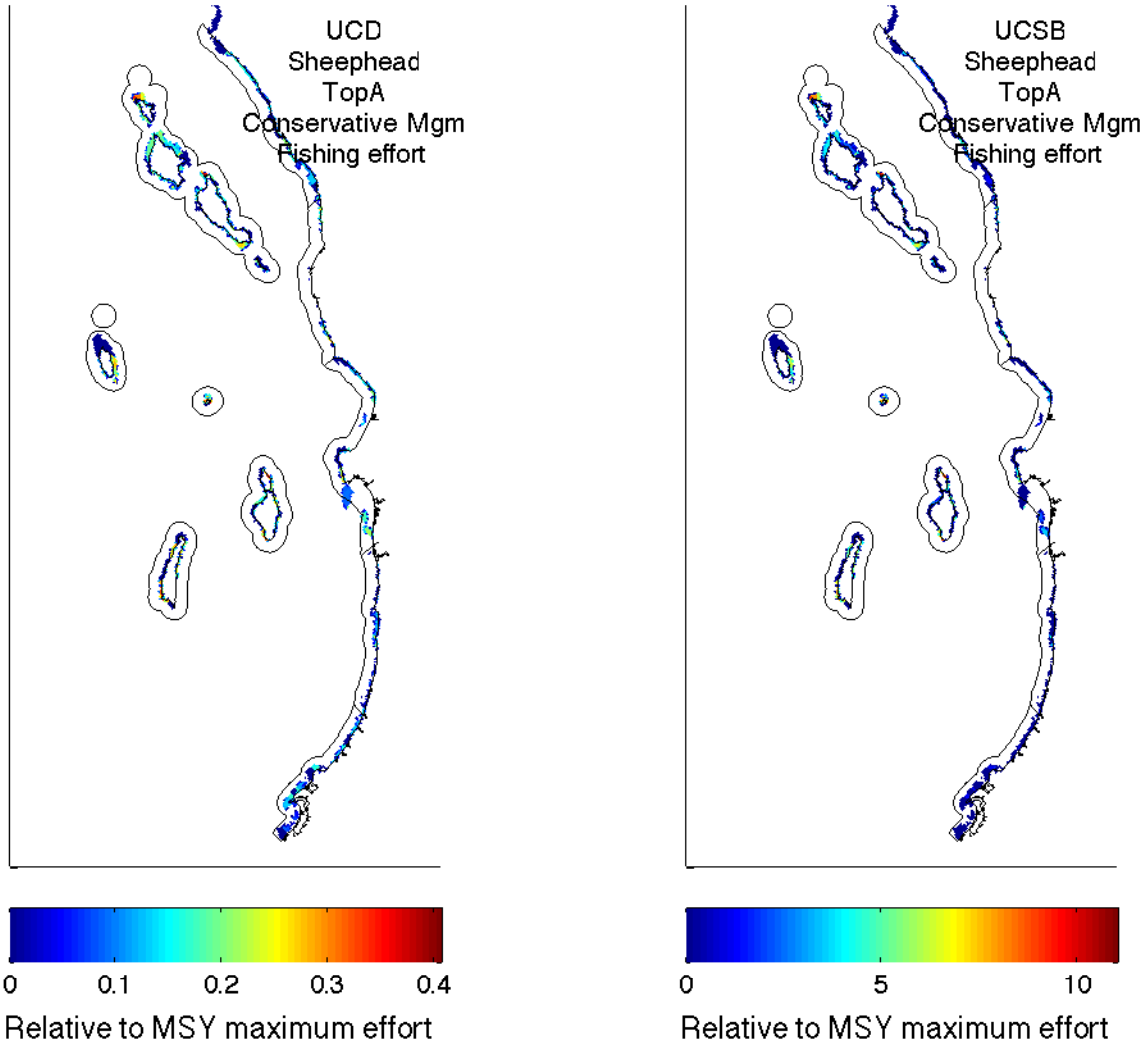

UCSB
RedSeaUrchin
TopA
MSY-type
Fishing effort
2
4
6
8
Relative to MSY maximum effort

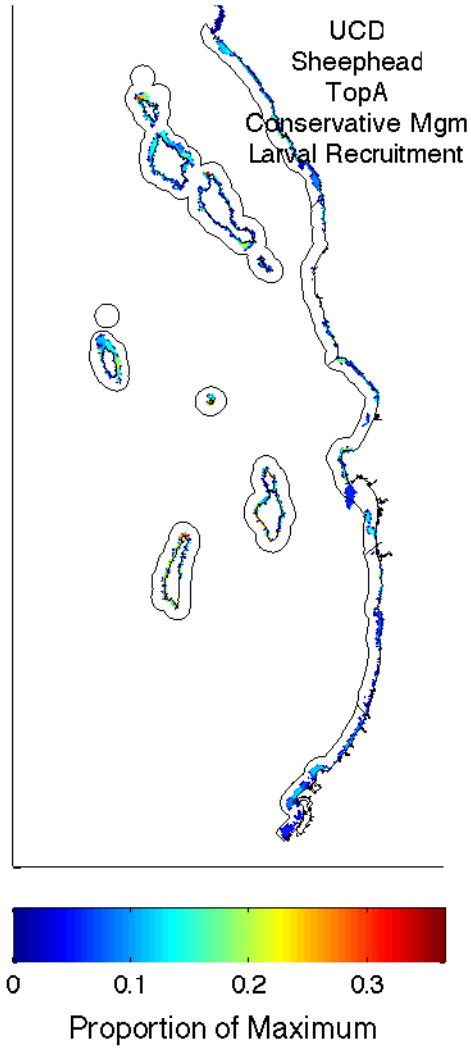

UCD
RedSeaUrchin
TopA
MSY-type
Larval Recruitment
0.1
0.2
0.3
0.4
Proportion of Maximum

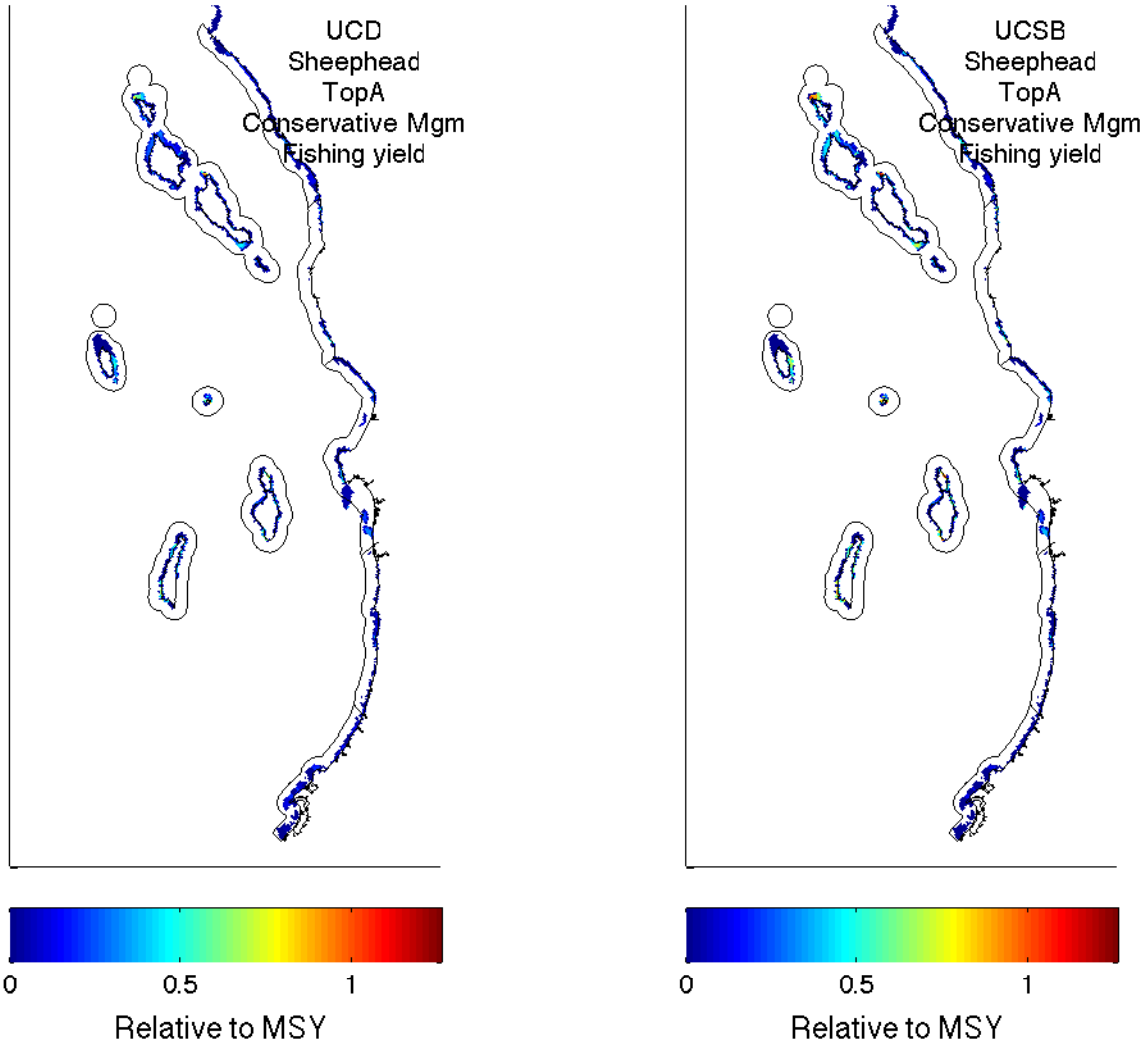

UCD
RedSeaUrchin
TopA
MSY-type
Fishing yield
0
0.5
1
Relative to MSY

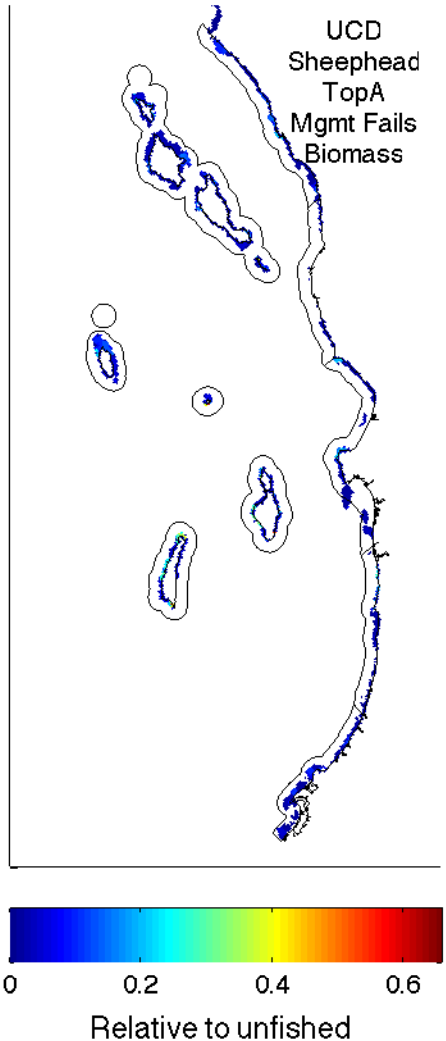

UCSB
RedSeaUrchin
TopA
MSY-type
Fishing yield
0
0.5
1
Relative to MSY

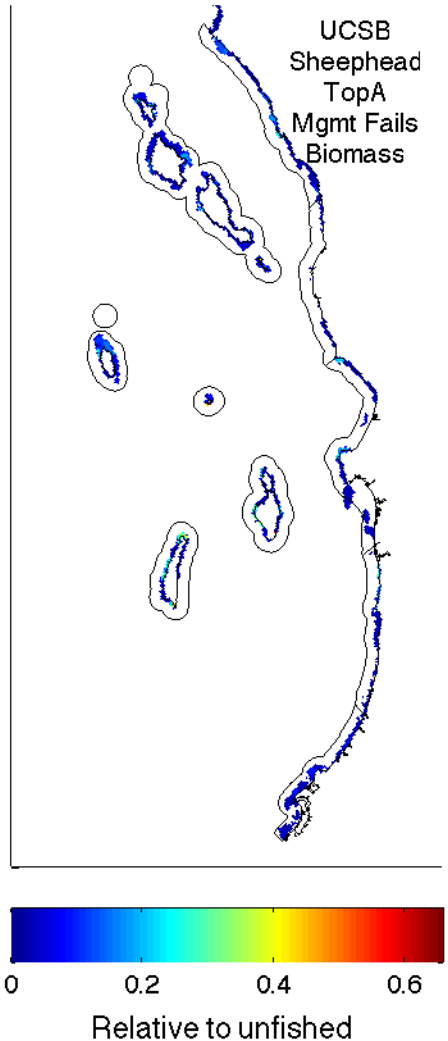

UCD
Sheephead
TopA
Conservative Mgm
Biomass
0
0.2
0.4
0.6
0.8
Relative to unfished
UCSB
Sheephead
TopA
Conservative Mgm
Biomass
0
0.2
0.4
0.6
0.8
Relative to unfished

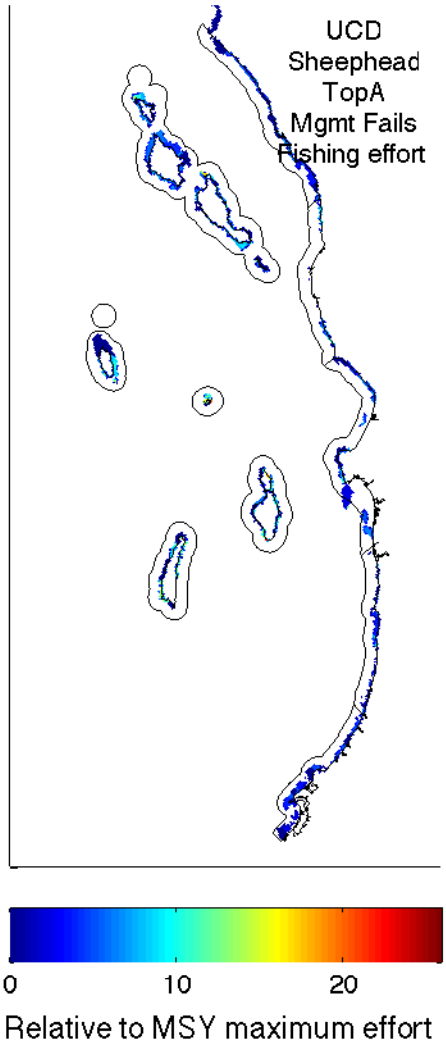

UCD
Sheephead
TopA
Conservative Mgm
Fishing effort
0
0.1
0.2
0.3
0.4
Relative to MSY maximum effort
UCSB
Sheephead
TopA
Conservative Mgm
Fishing effort
0
5
10
Relative to MSY maximum effort

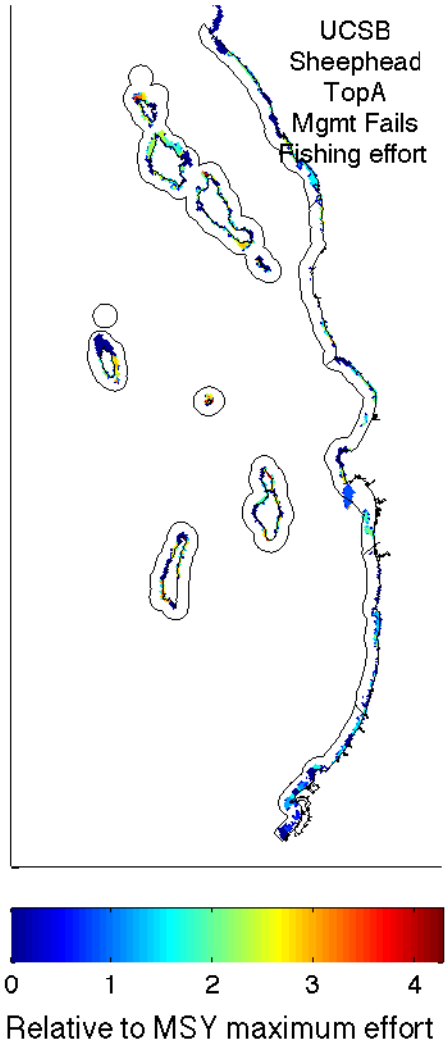

UCD
Sheephead
TopA
Conservative Mgm
Larval Recruitment
0
0.1
0.2
0.3
Proportion of Maximum

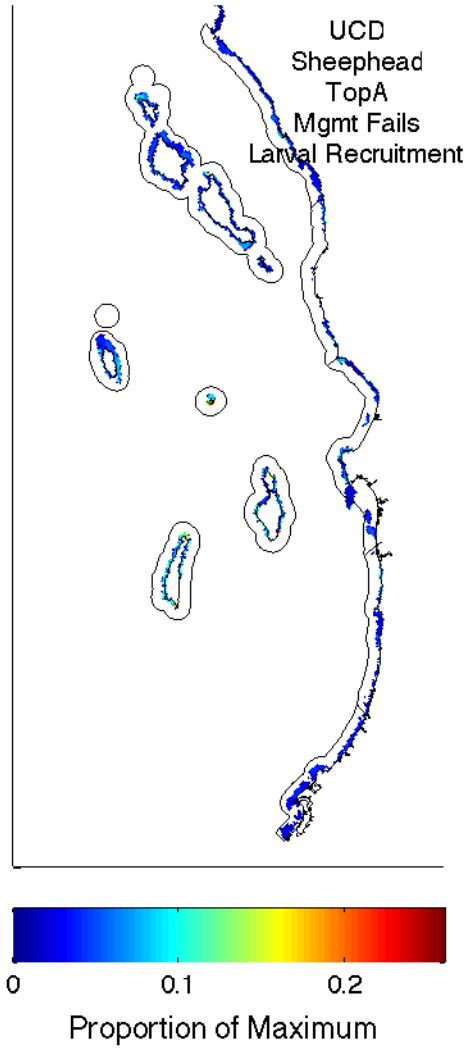

UCD
Sheephead
TopA
Conservative Mgm
Fishing yield
0
0.5
1
Relative to MSY
UCSB
Sheephead
TopA
Conservative Mgm
Fishing yield
0
0.5
1
Relative to MSY

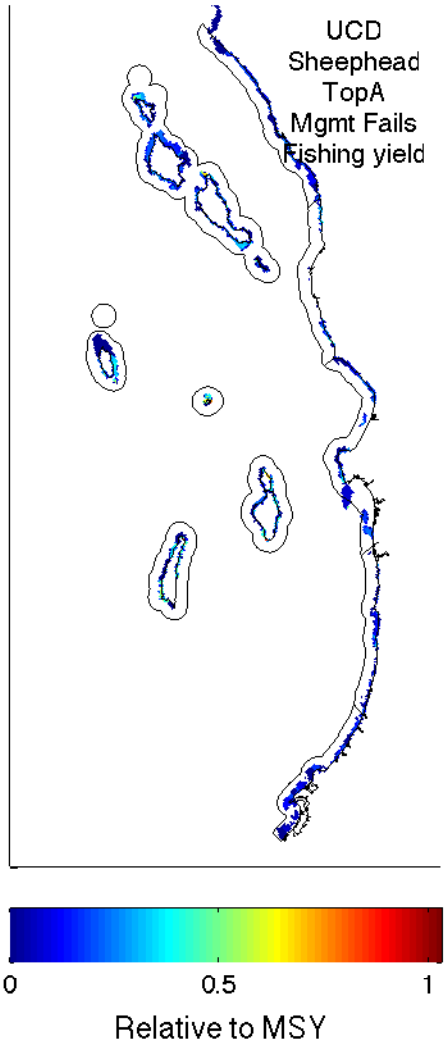

UCD
Sheephead
TopA
Mgmt Fails
Biomass
0
0.2
0.4
0.6
Relative to unfished

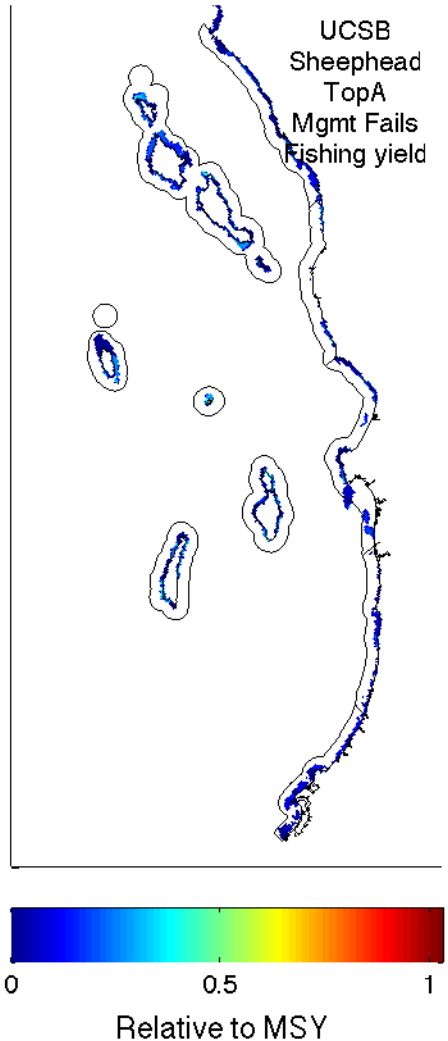

UCSB
Sheephead
TopA
Mgmt Fails
Biomass
0
0.2
0.4
0.6
Relative to unfished

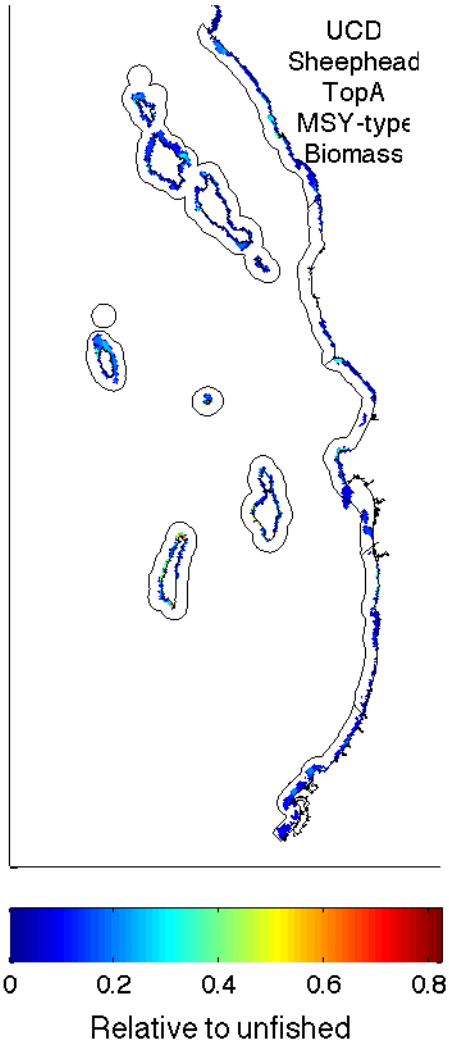

UCD
Sheephead
TopA
Mgmt Fails
Fishing effort
0
10
20
Relative to MSY maximum effort

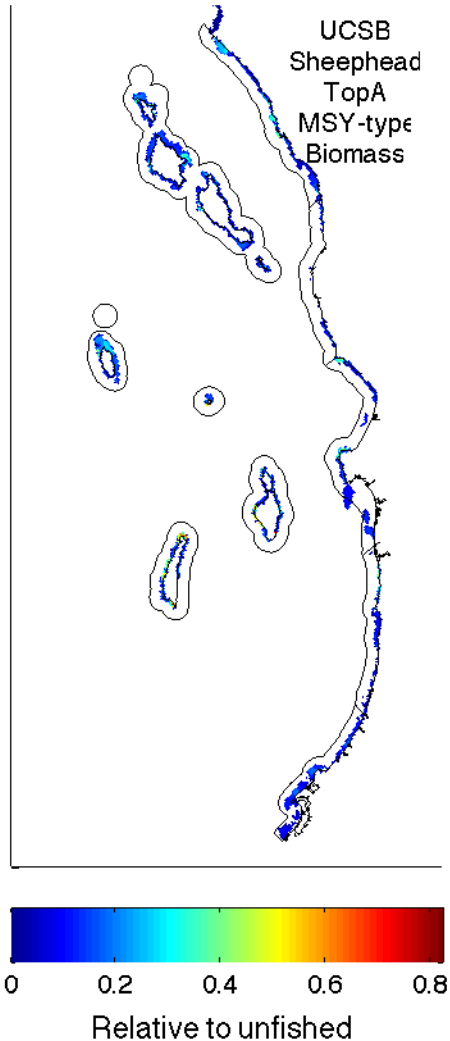

UCSB
Sheephead
TopA
Mgmt Fails
Fishing effort
0
1
2
3
4
Relative to MSY maximum effort

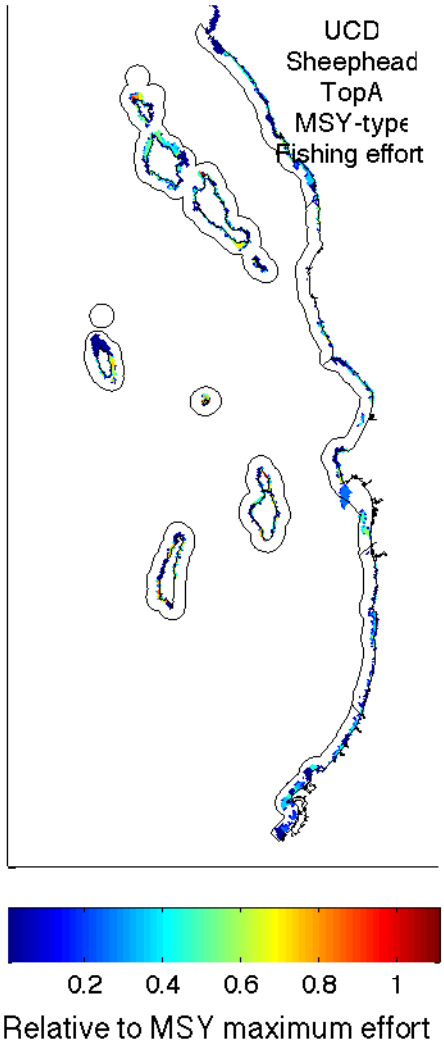

UCD
Sheephead
TopA
Mgmt Fails
Larval Recruitment
0
0.1
0.2
Proportion of Maximum

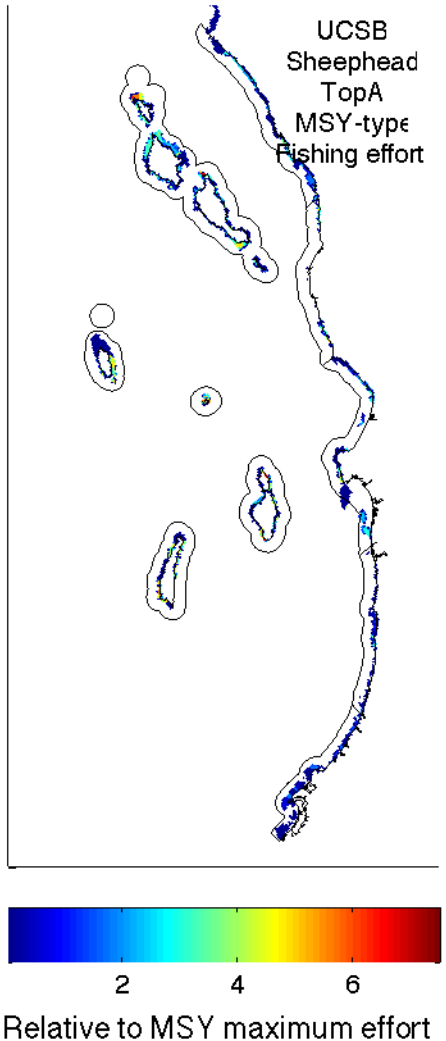

UCD
Sheephead
TopA
Mgmt Fails
Fishing yield
0
0.5
1
Relative to MSY

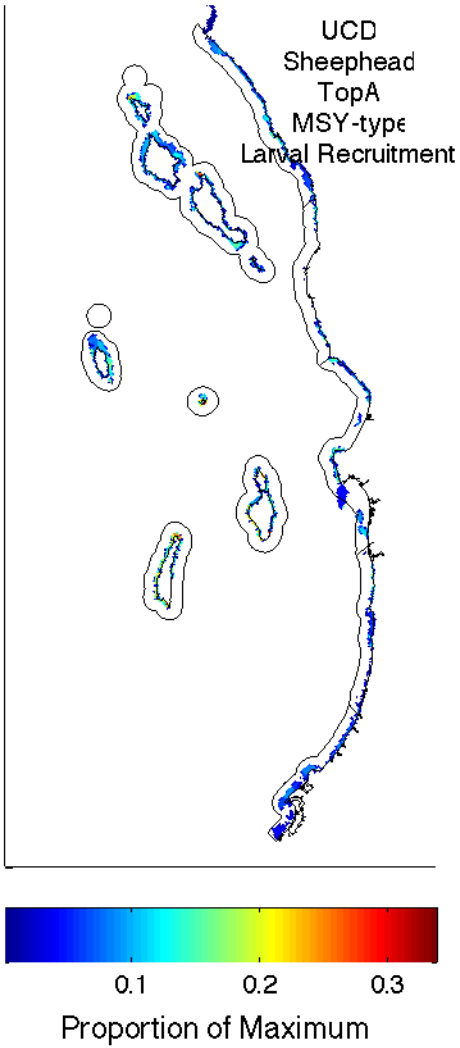

UCSB
Sheephead
TopA
Mgmt Fails
Fishing yield
0
0.5
1
Relative to MSY

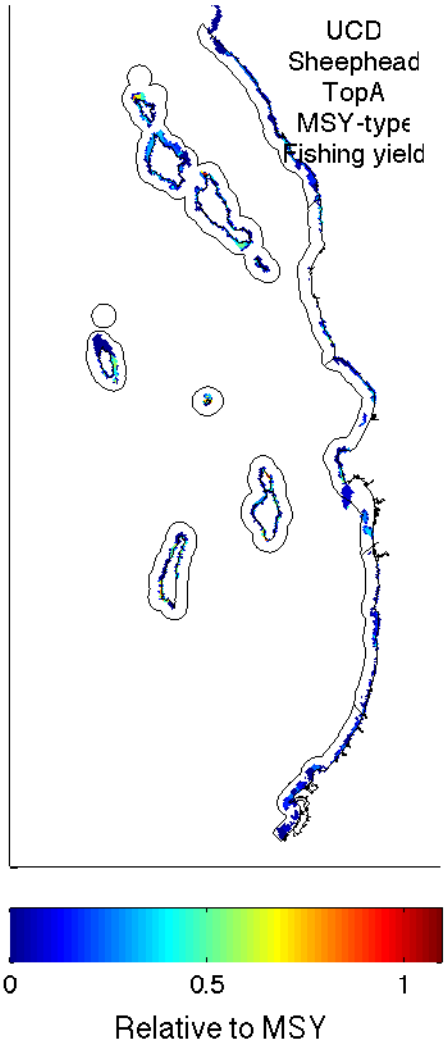

UCD
Sheephead
TopA
MSY-type
Biomass
0
0.2
0.4
0.6
0.8
Relative to unfished

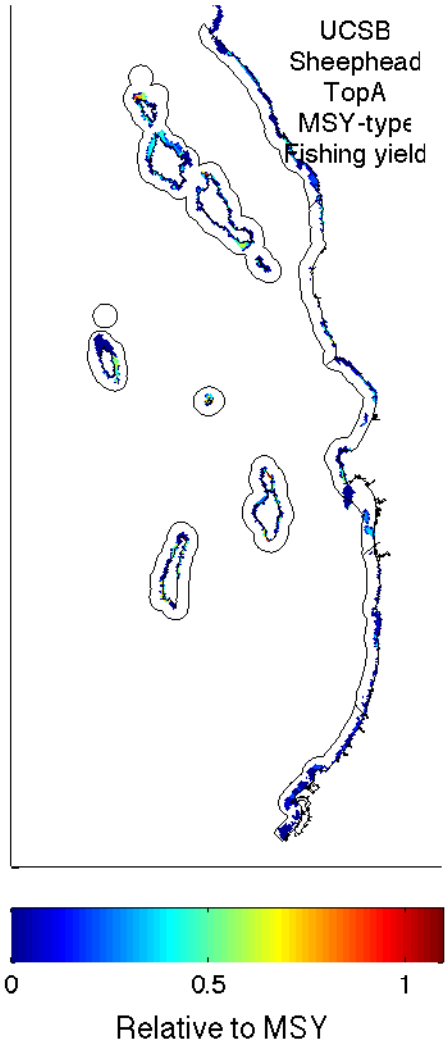

UCSB
Sheephead
TopA
MSY-type
Biomass
0
0.2
0.4
0.6
0.8
Relative to unfished


UCD
Sheephead
TopA
MSY-type
Fishing effort
0.2
0.4
0.6
0.8
1
Relative to MSY maximum effort


UCSB
Sheephead
TopA
MSY-type
Fishing effort
2
4
6
Relative to MSY maximum effort


UCD
Sheephead
TopA
MSY-type
Larval Recruitment
0.1
0.2
0.3
Proportion of Maximum


UCD
Sheephead
TopA
MSY-type
Fishing yield
0
0.5
1
Relative to MSY


UCSB
Sheephead
TopA
MSY-type
Fishing yield
0
0.5
1
Relative to MSY