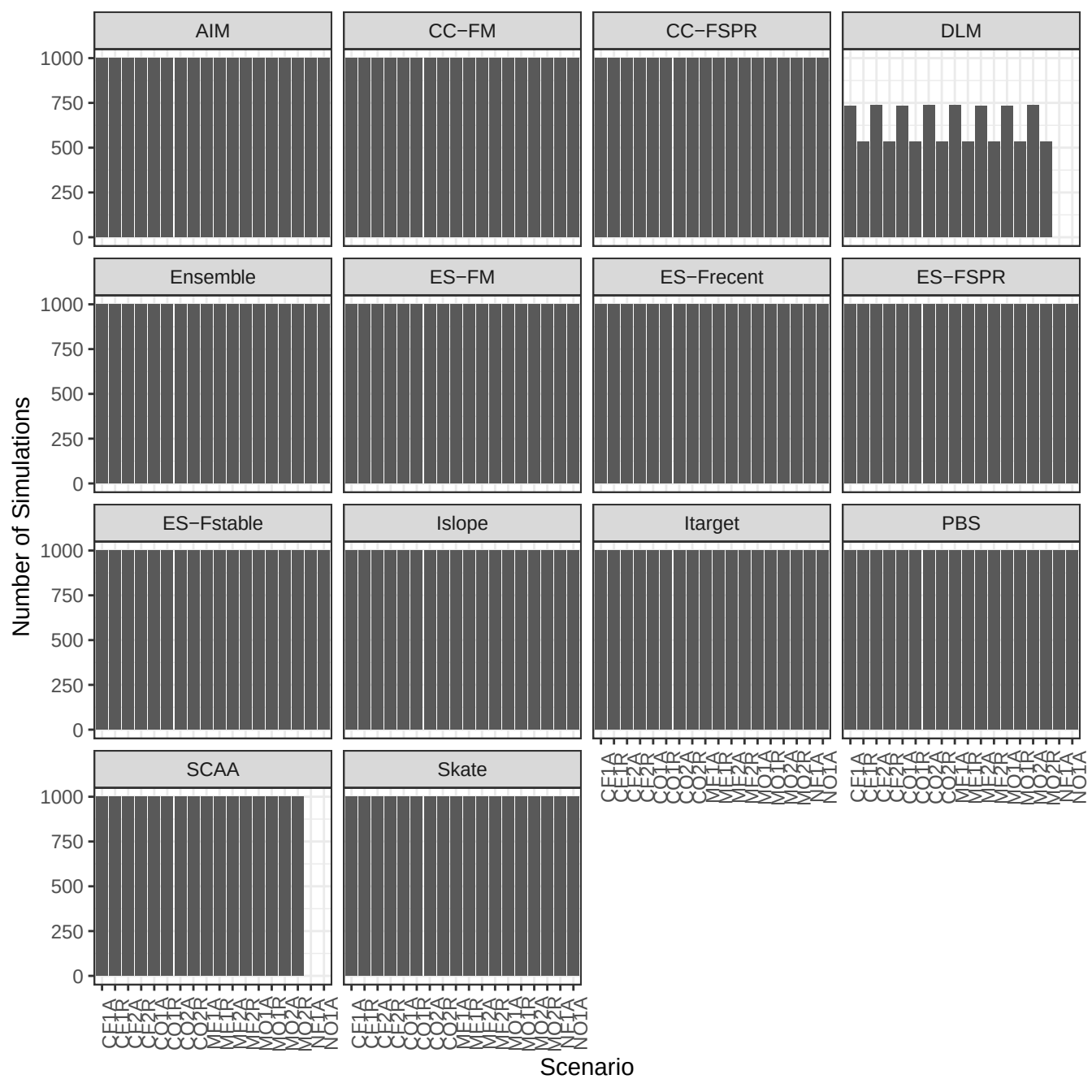

AIM
CC−FM
CC−FSPR
DLM
Ensemble
ES−FM
ES−Frecent
ES−FSPR
ES−Fstable
Islope
Itarget
PBS
SCAA
Skate
Number of Simulations
0
250
500
750
1000
CE1A
CE2A
CE2R
CO1A
CO2A
CO2R
ME1A
ME2A
MO1A
MO2R
MF1A
NO1A
Scenario

Scenario Label Decoder

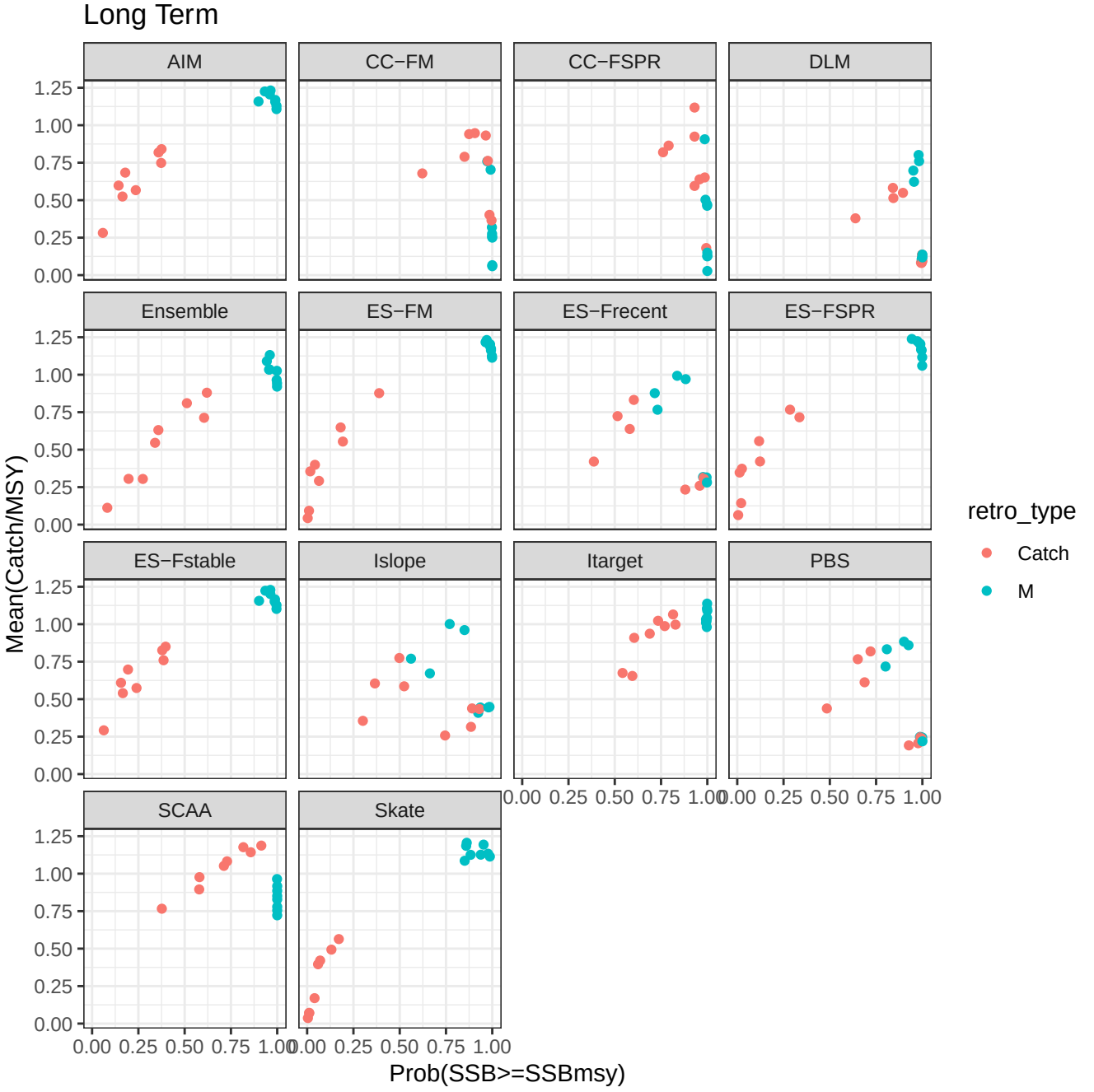
CF1A to MO2R explained

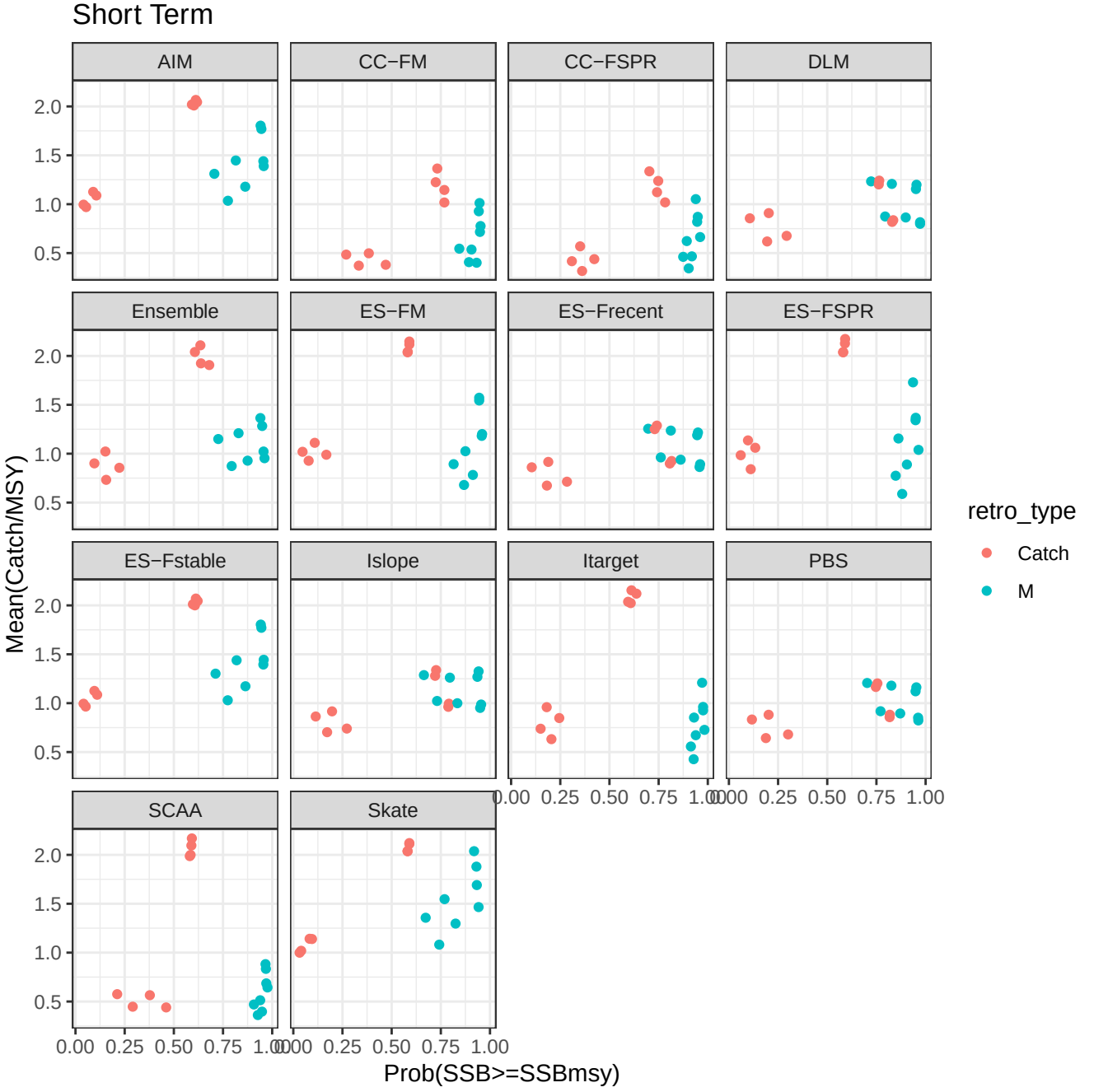
Retrotype: C=catch, M=natural mortality, N=None

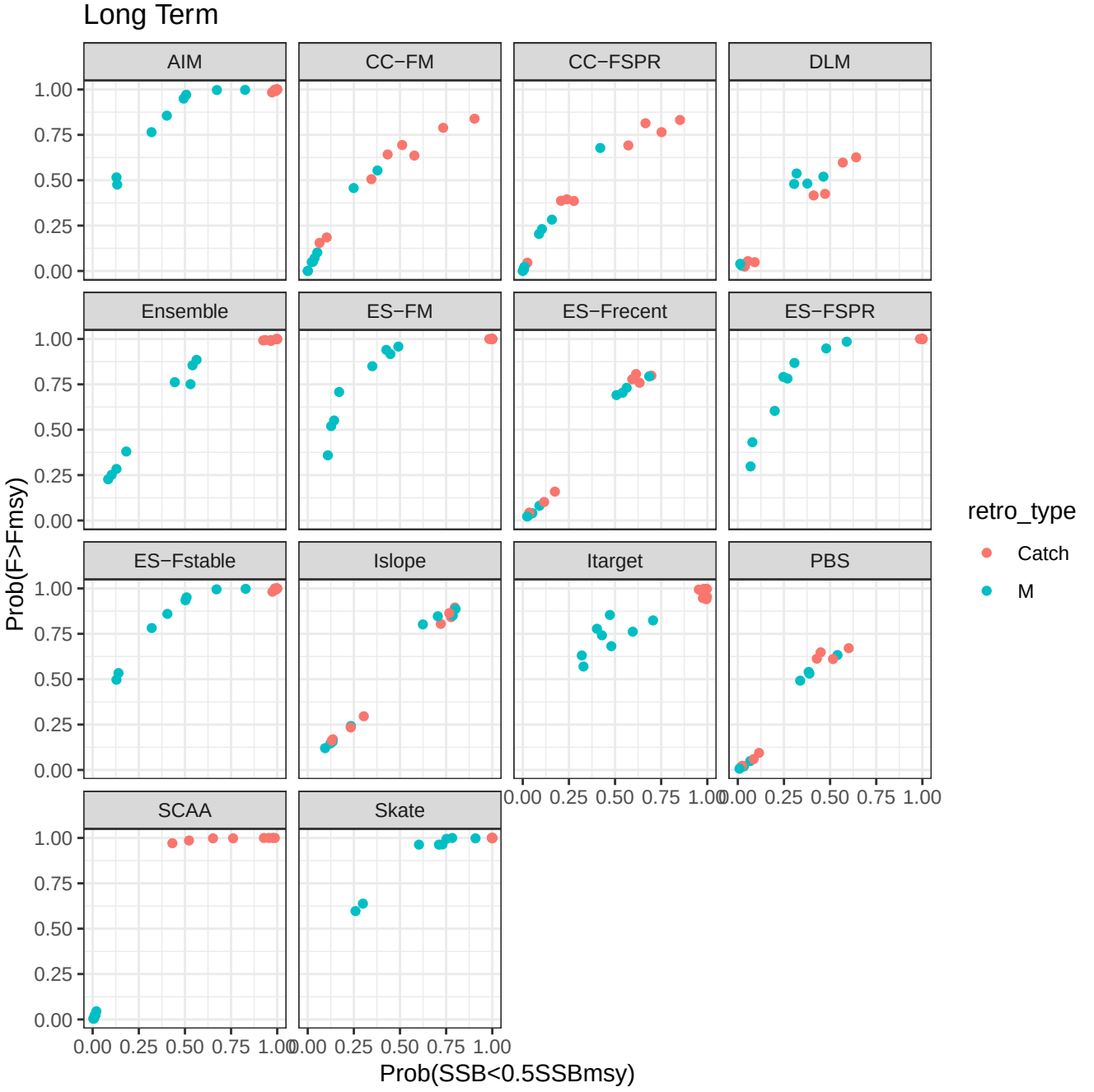
F history: F=overfishing then Fmsy, O=Always Overfishing

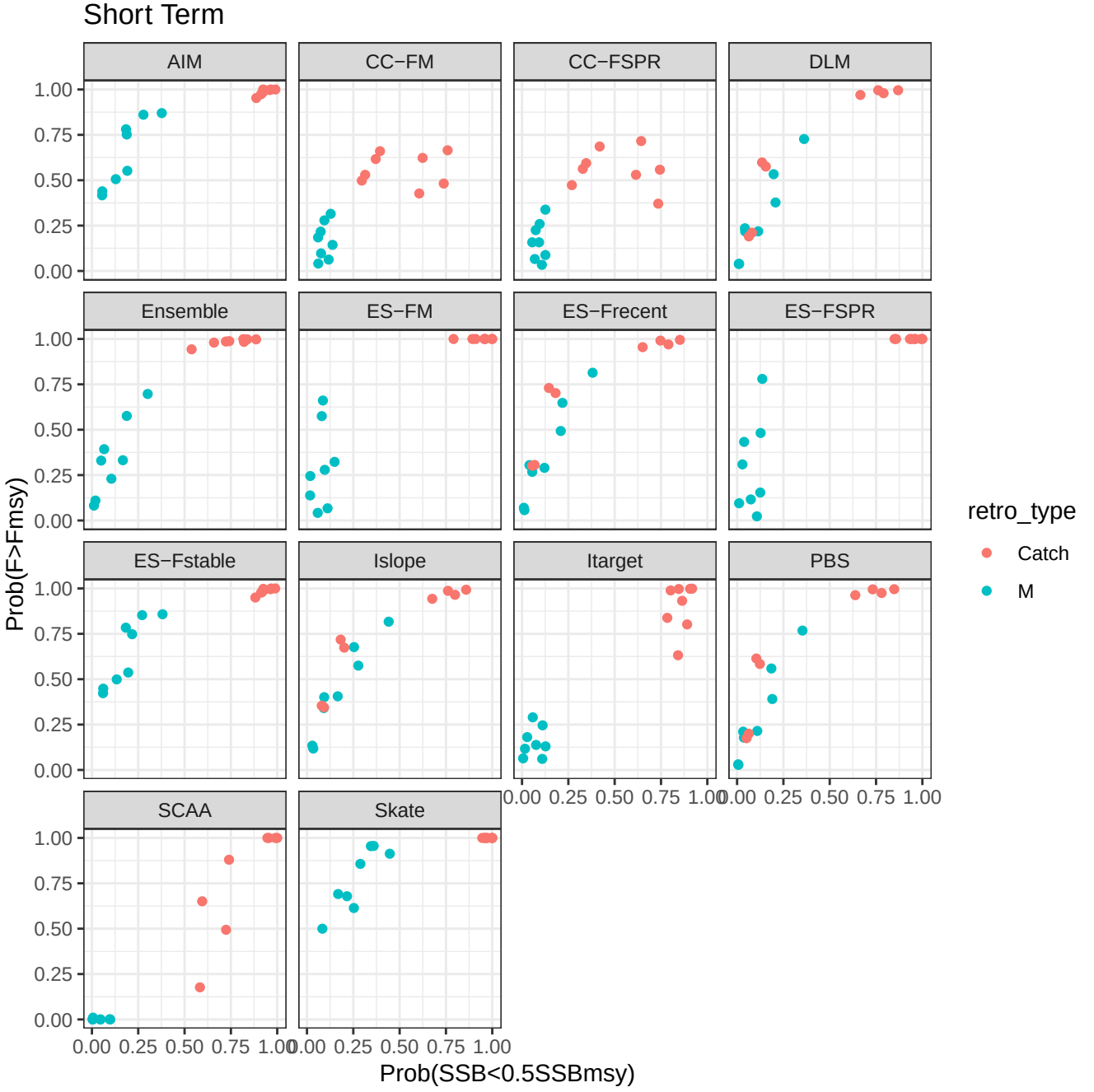
Selblocks: 1 or 2

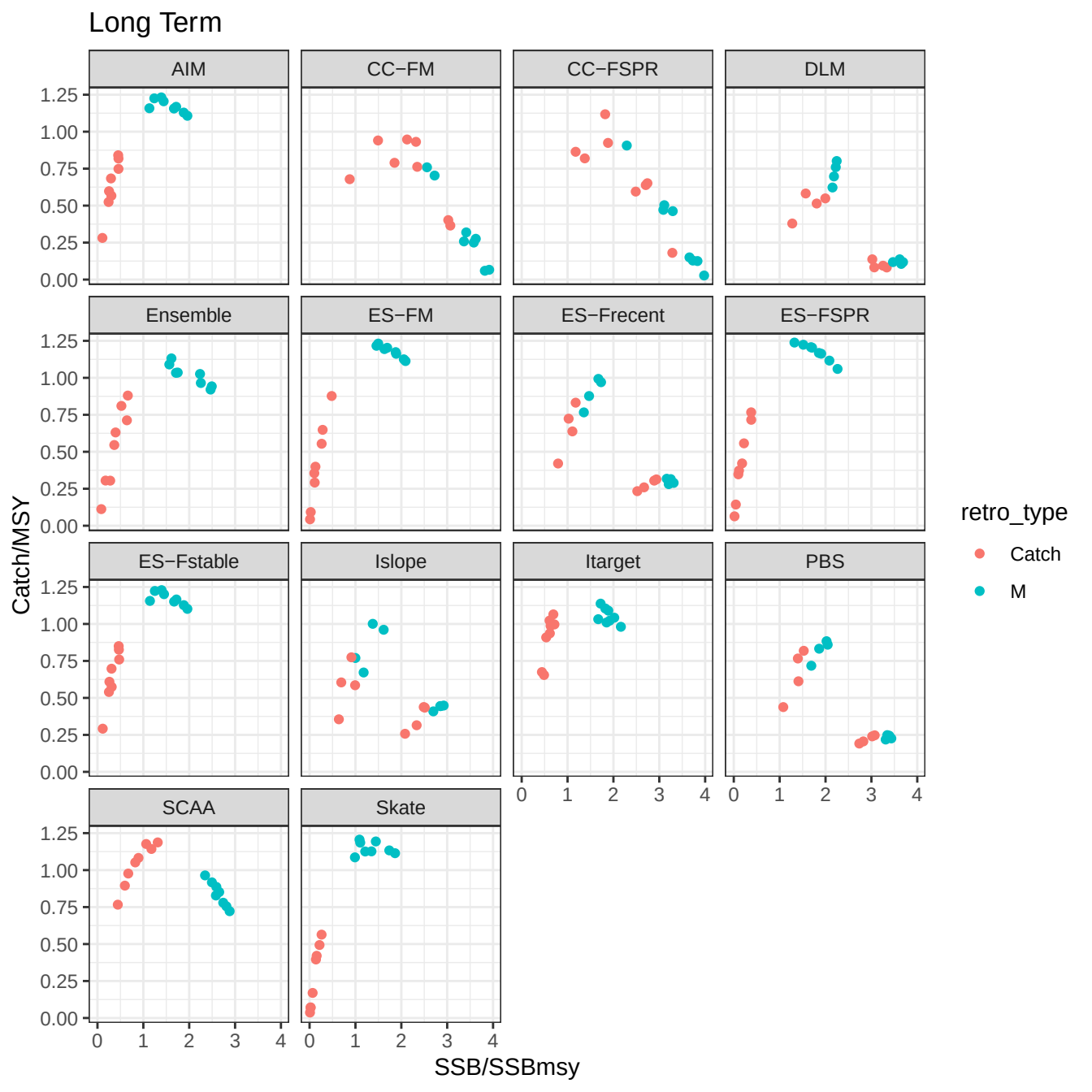
Catch Advice Multiplier: A=1 (applied), R=0.75 (reduced

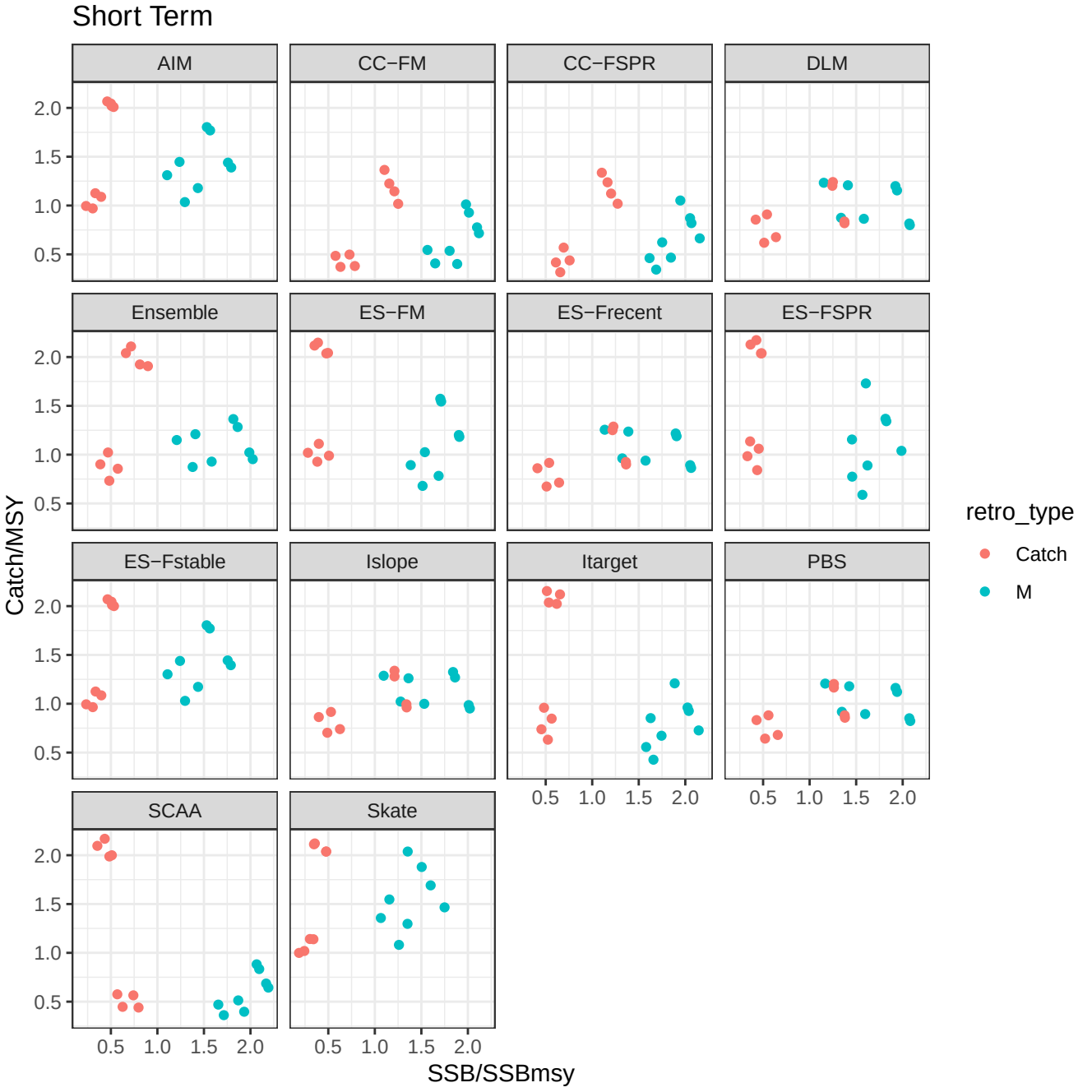

Long Term
AIM
CC−FM
CC−FSPR
DLM
Ensemble
ES−FM
ES−Frecent
ES−FSPR
ES−Fstable
Islope
Itarget
PBS
SCAA
Skate
Mean(Catch/MSY)
Prob(SSB>=SSBmsy)
0.00
0.25
0.50
0.75
1.00
1.25
retro_type
Catch
M

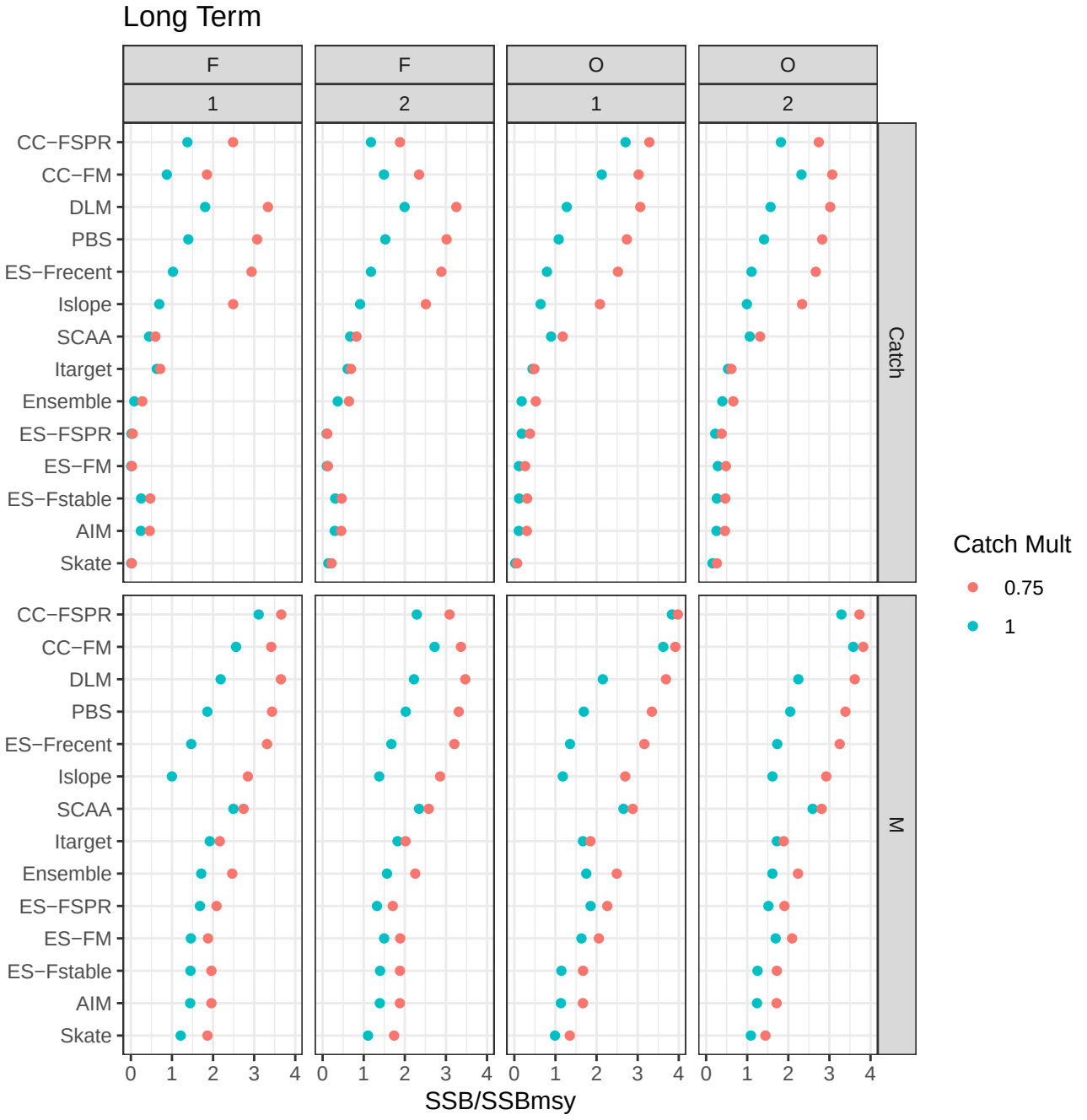

Short Term
AIM
CC−FM
CC−FSPR
DLM
Ensemble
ES−FM
ES−Frecent
ES−FSPR
ES−Fstable
Islope
Itarget
PBS
SCAA
Skate
Mean(Catch/MSY)
Prob(SSB>=SSBmsy)
0.5
1.0
1.5
2.0
0.00
0.25
0.50
0.75
1.00
retro_type
Catch
M

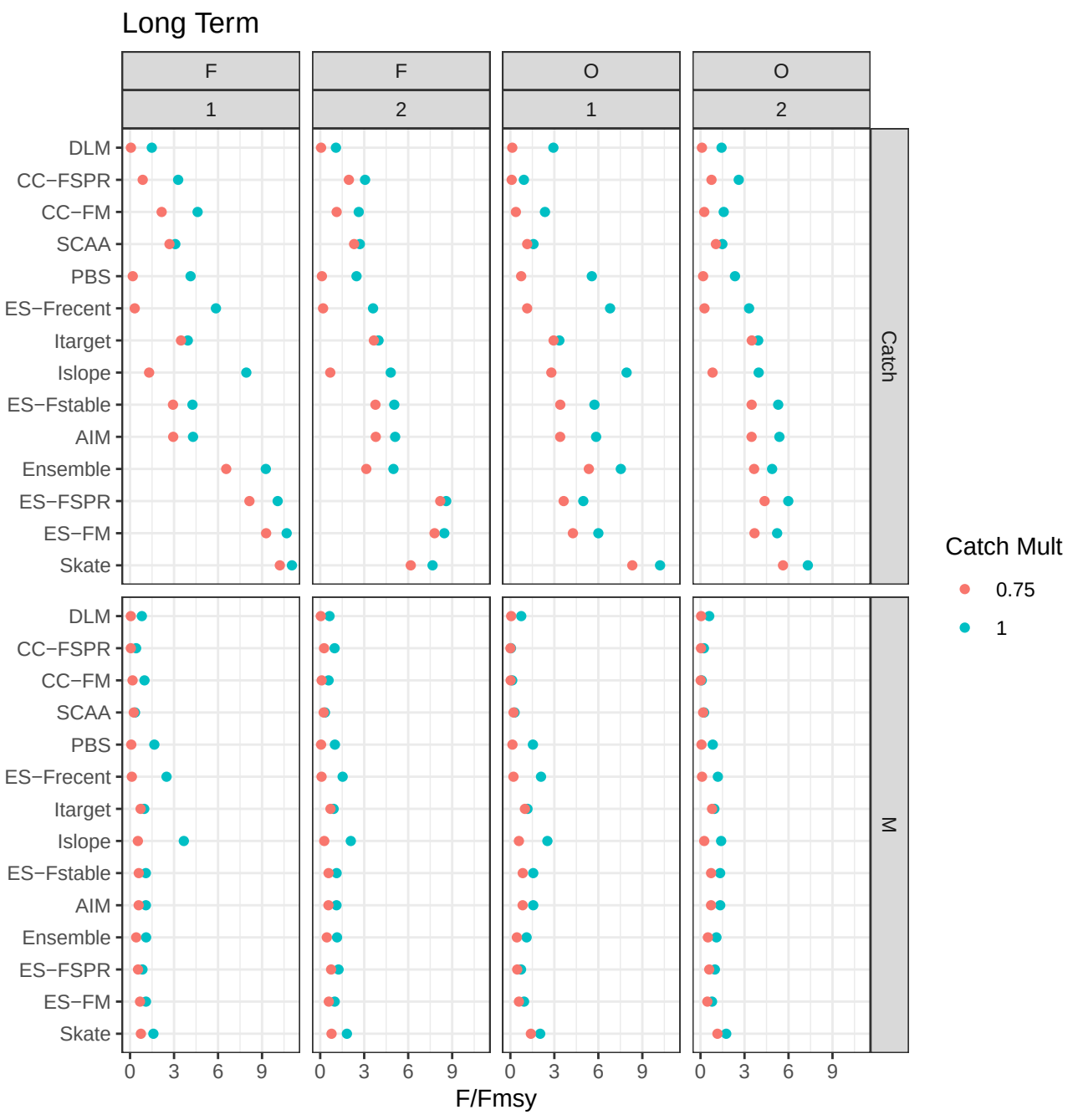

Long Term
AIM
CC−FM
CC−FSPR
DLM
Ensemble
ES−FM
ES−Frecent
ES−FSPR
ES−Fstable
Islope
Itarget
PBS
SCAA
Skate
Prob(F>Fmsy)
Prob(SSB<0.5SSBmsy)
0.00
0.25
0.50
0.75
1.00
retro_type
Catch
M

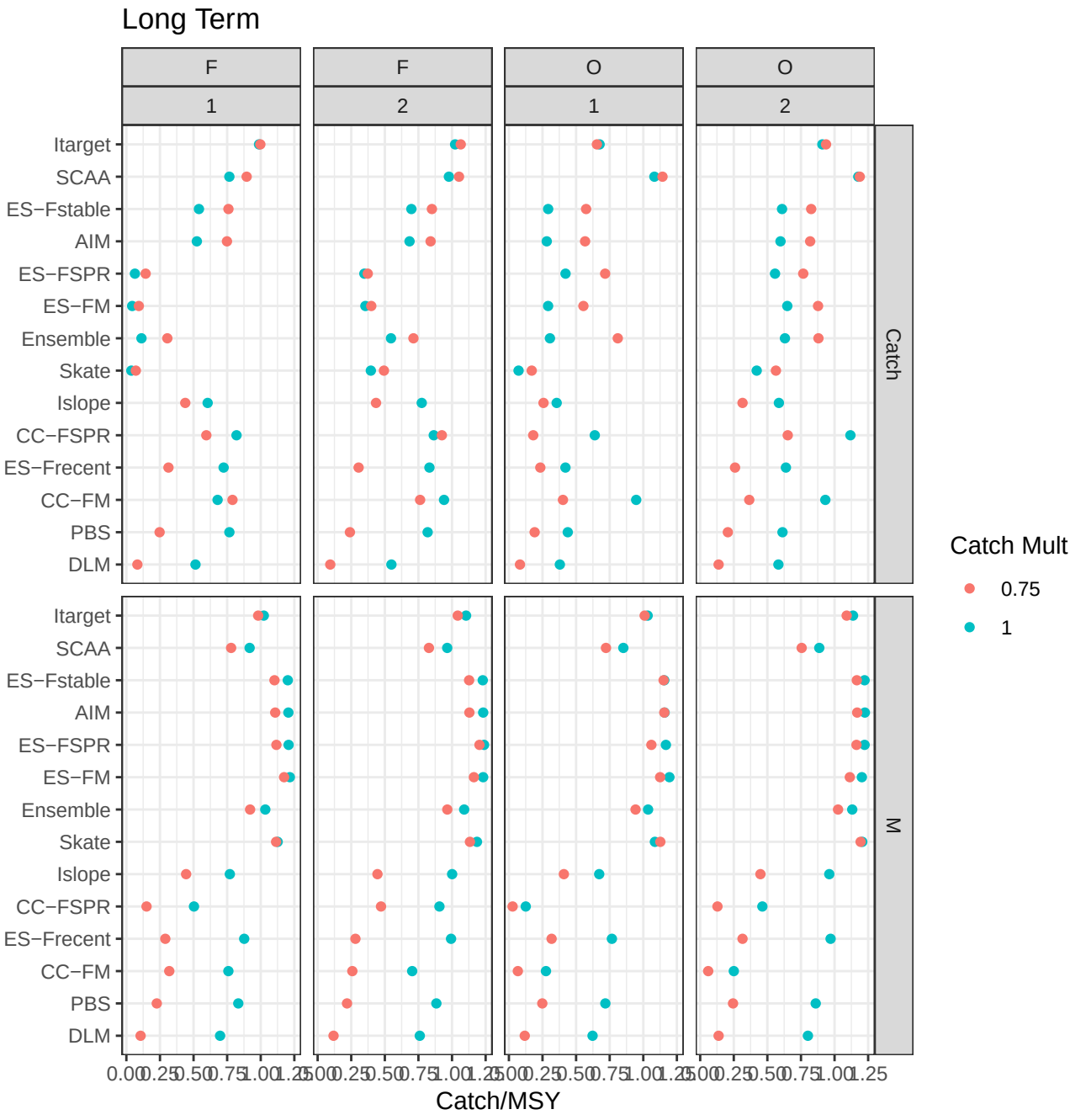

Short Term
AIM
CC−FM
CC−FSPR
DLM
Ensemble
ES−FM
ES−Frecent
ES−FSPR
ES−Fstable
Islope
Itarget
PBS
SCAA
Skate
0.00
0.25
0.50
0.75
1.00
Prob(F>Fmsy)
Prob(SSB<0.5SSBmsy)
retro_type
Catch
M

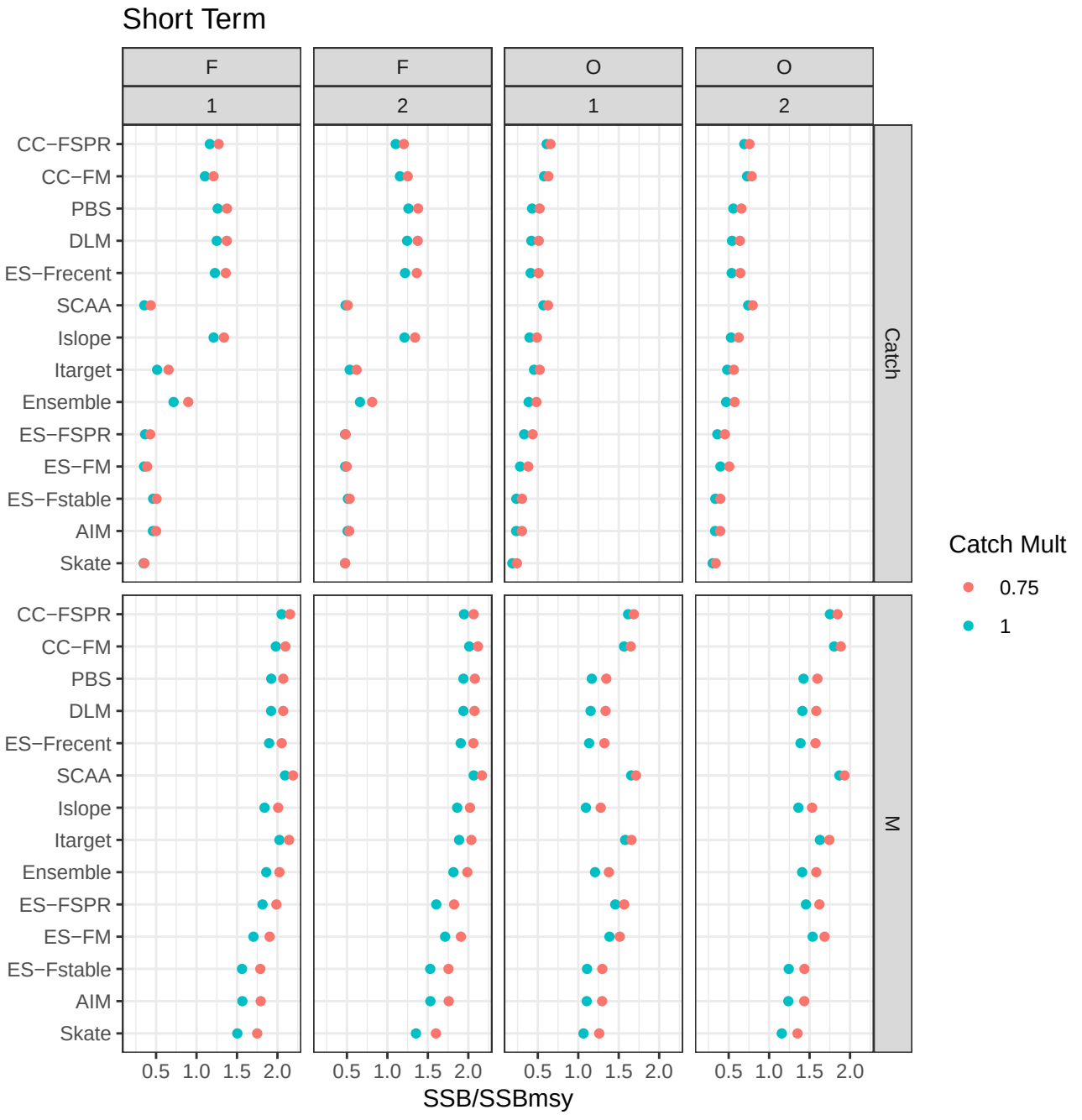

Long Term
AIM
CC−FM
CC−FSPR
DLM
Ensemble
ES−FM
ES−Frecent
ES−FSPR
ES−Fstable
Islope
Itarget
PBS
SCAA
Skate
Catch/MSY
SSB/SSBmsy
retro_type
Catch
M

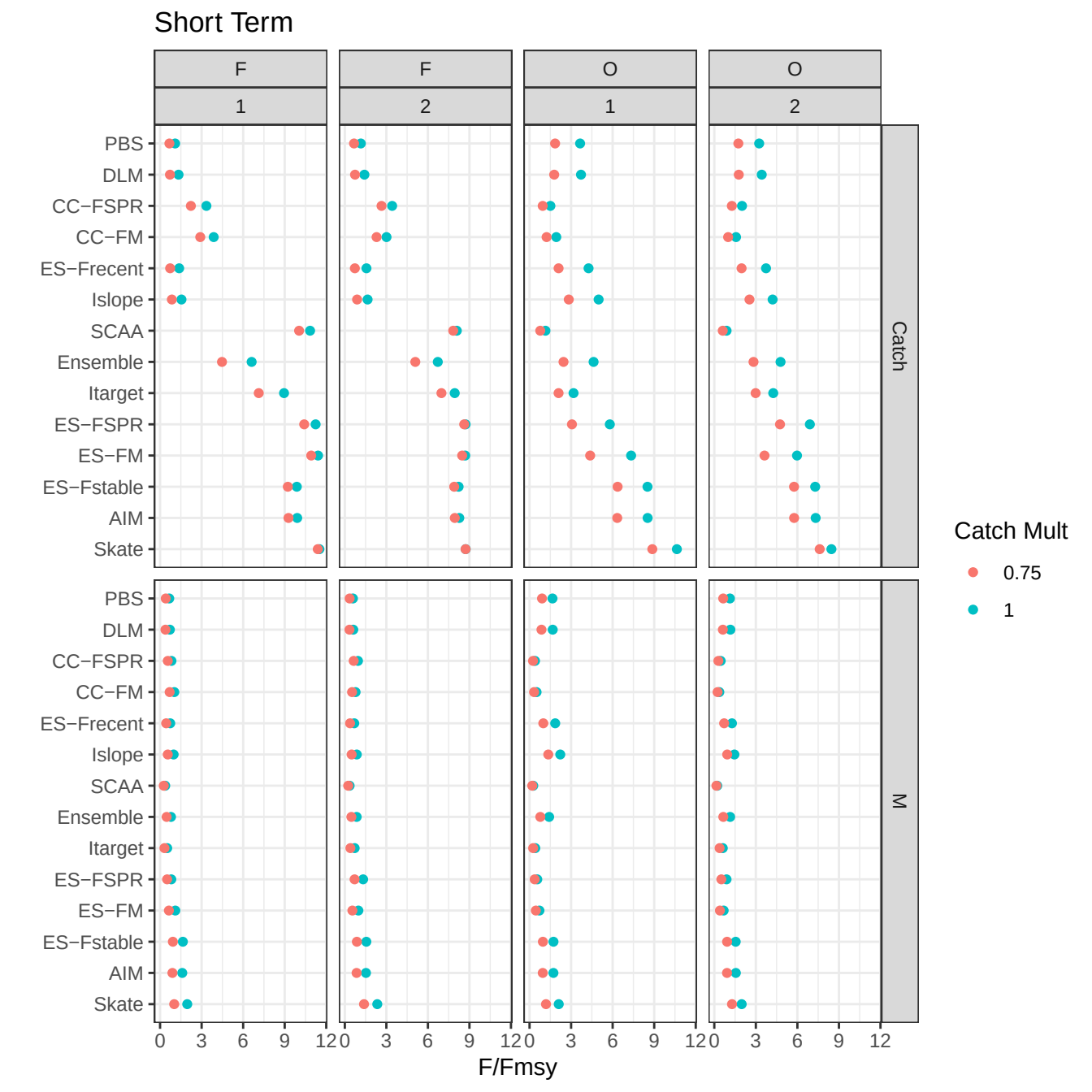

Short Term
AIM
CC−FM
CC−FSPR
DLM
Ensemble
ES−FM
ES−Frecent
ES−FSPR
ES−Fstable
Islope
Itarget
PBS
SCAA
Skate
Catch/MSY
SSB/SSBmsy
0.5
1.0
1.5
2.0
retro_type
Catch
M

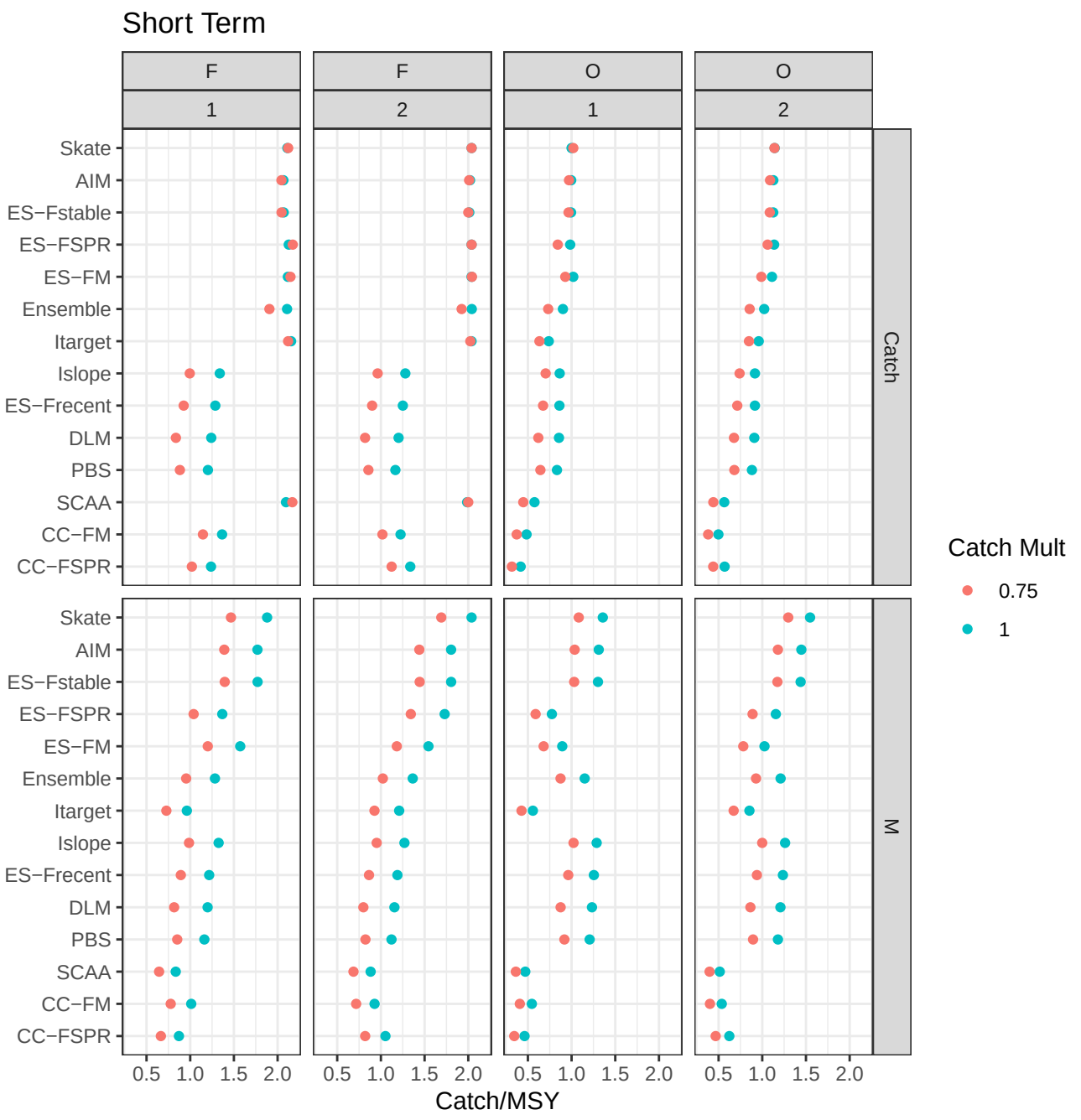

Long Term
F
1
F
2
O
1
O
2
CC−FSPR
CC−FM
DLM
PBS
ES−Frecent
Islope
SCAA
Itarget
Ensemble
ES−FSPR
ES−FM
ES−Fstable
AIM
Skate
Catch
M
0
1
2
3
4
SSB/SSBmsy
Catch Mult
0.75
1

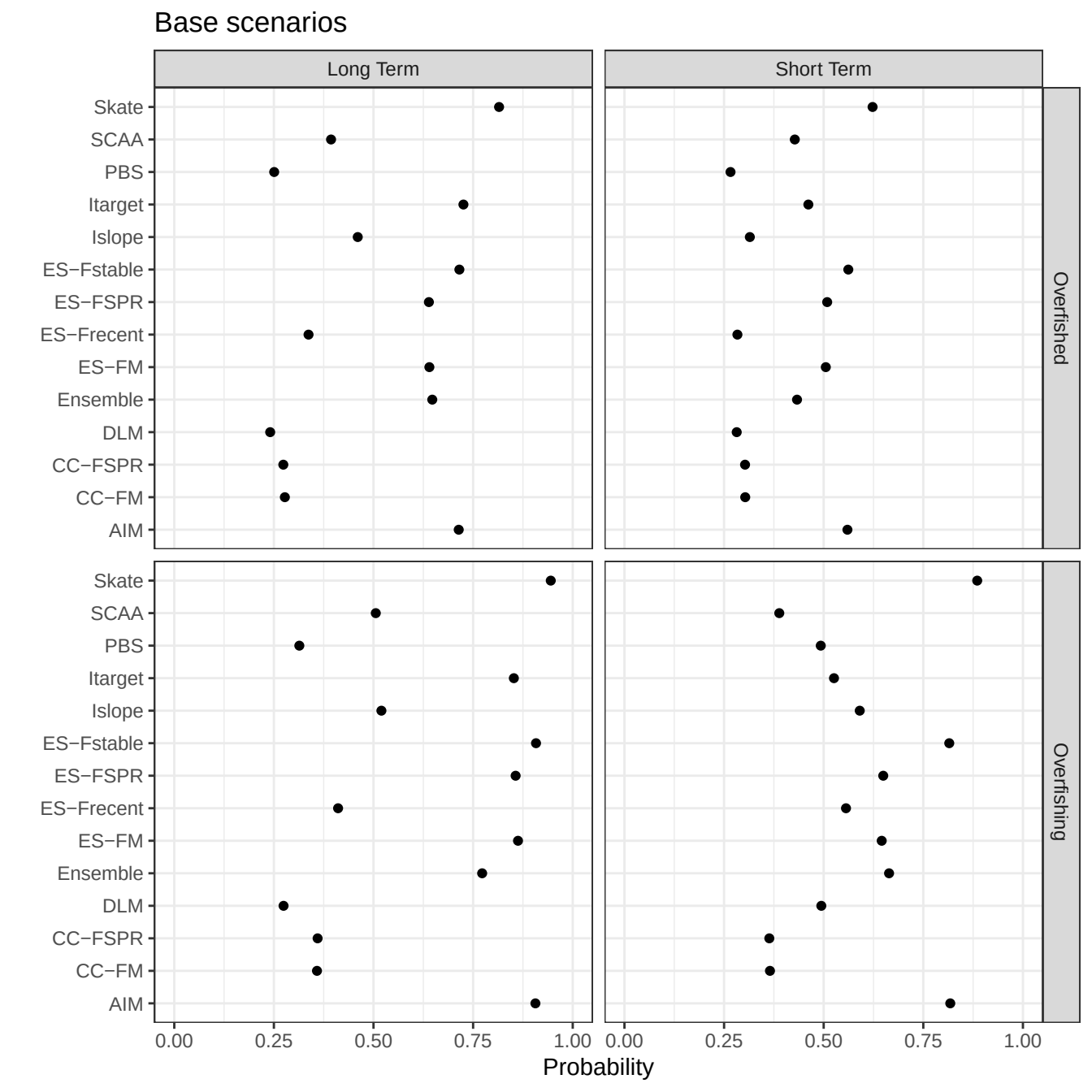

Long Term
F
1
F
2
O
1
O
2
DLM
CC−FSPR
CC−FM
SCAA
PBS
ES−Frecent
Itarget
Islope
ES−Fstable
AIM
Ensemble
ES−FSPR
ES−FM
Skate
Catch
M
0
3
6
9
F/Fmsy
Catch Mult
0.75
1

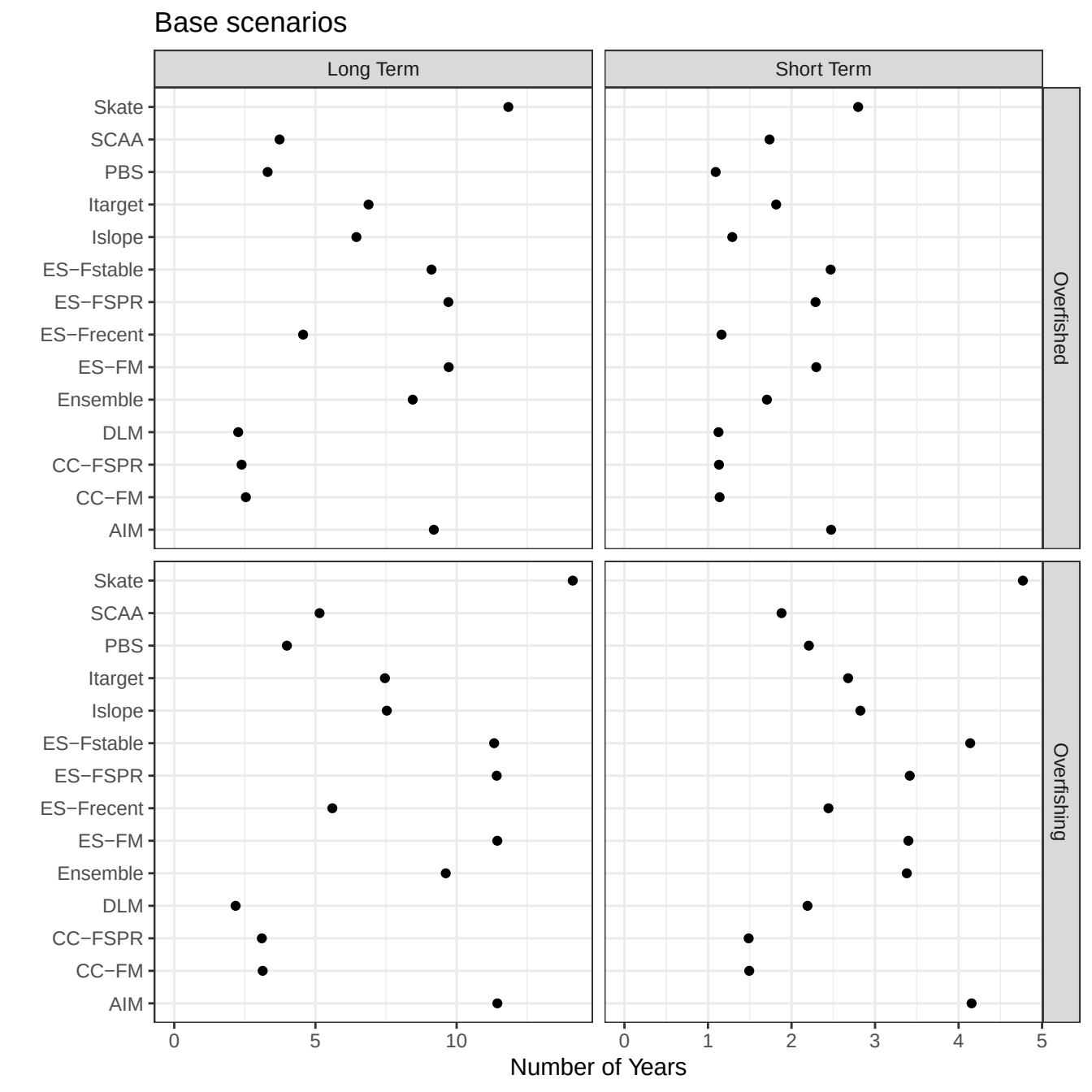

Long Term
F
F
O
O
1
2
1
2
Itarget
SCAA
ES−Fstable
AIM
ES−FSPR
ES−FM
Ensemble
Skate
Islope
CC−FSPR
ES−Frecent
CC−FM
PBS
DLM
Catch
M
0.00
0.25
0.50
0.75
1.00
1.25
Catch/MSY
Catch Mult
0.75
1


Short Term
F
F
O
O
1
2
1
2
CC−FSPR
CC−FM
PBS
DLM
ES−Frecent
SCAA
Islope
Itarget
Ensemble
ES−FSPR
ES−FM
ES−Fstable
AIM
Skate
Catch
M
0.5
1.0
1.5
2.0
SSB/SSBmsy
Catch Mult
0.75
1


Short Term
F
1
F
2
O
1
O
2
PBS
DLM
CC−FSPR
CC−FM
ES−Frecent
Islope
SCAA
Ensemble
Itarget
ES−FSPR
ES−FM
ES−Fstable
AIM
Skate
Catch
M
0
3
6
9
12
F/Fmsy
Catch Mult
0.75
1


Short Term
F
1
F
2
O
1
O
2
Skate
AIM
ES−Fstable
ES−FSPR
ES−FM
Ensemble
Itarget
Islope
ES−Frecent
DLM
PBS
SCAA
CC−FM
CC−FSPR
Catch
M
0.5
1.0
1.5
2.0
Catch/MSY
Catch Mult
0.75
1


Base scenarios
Long Term
Short Term
Overfished
Overfishing
Skate
SCAA
PBS
Itarget
Islope
ES−Fstable
ES−FSPR
ES−Frecent
ES−FM
Ensemble
DLM
CC−FSPR
CC−FM
AIM
0.00
0.25
0.50
0.75
1.00
Probability


Base scenarios
Long Term
Short Term
Overfished
Overfishing
Skate
SCAA
PBS
Itarget
Islope
ES−Fstable
ES−FSPR
ES−Frecent
ES−FM
Ensemble
DLM
CC−FSPR
CC−FM
AIM
0
5
10
0
1
2
3
4
5
Number of Years