

Long Term (means) Alternative RefPts AIM CC-FM CC-FSPR DLM 1.0 0.5 0.0 Ensemble ES-FM ES-Frecent ES-FSPR 1.0 0.5 Catch/MSY retro\_type Catch ES-Fstable Itarget SCAA Islope Μ 1.0 0.5 -0.0 2 3 Ö 2 3 0 2 3 ò Skate 1.0 0.5 2 3 SSB/SSBmsy

Long Term (medians) Alternative RefPts CC-FM AIM CC-FSPR DLM 1.25 1.00 0.75 0.50 -. 0.25 0.00 Ensemble ES-FM **ES-Frecent** ES-FSPR 1.25 -1.00 0.75 -0.50 0.25 retro\_type 0.00 Catch ES-Fstable Islope Itarget **SCAA** 1.25 Μ 1.00 0.75 -0.50 0.25 0.00 3 2 3 0 2 2 Ö 3 1 1 Skate 1.25 1.00 -0.75

Catch/MSY

0.50 **-**0.25 **-**0.00 **-**

0

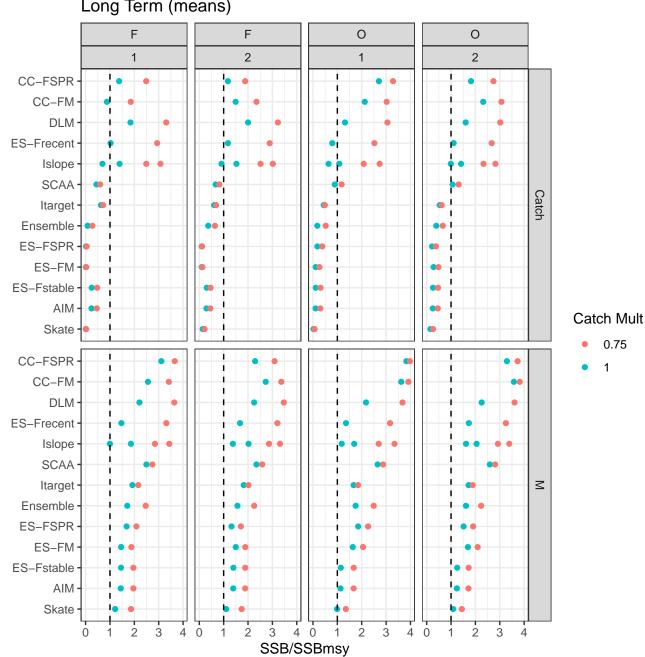
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1

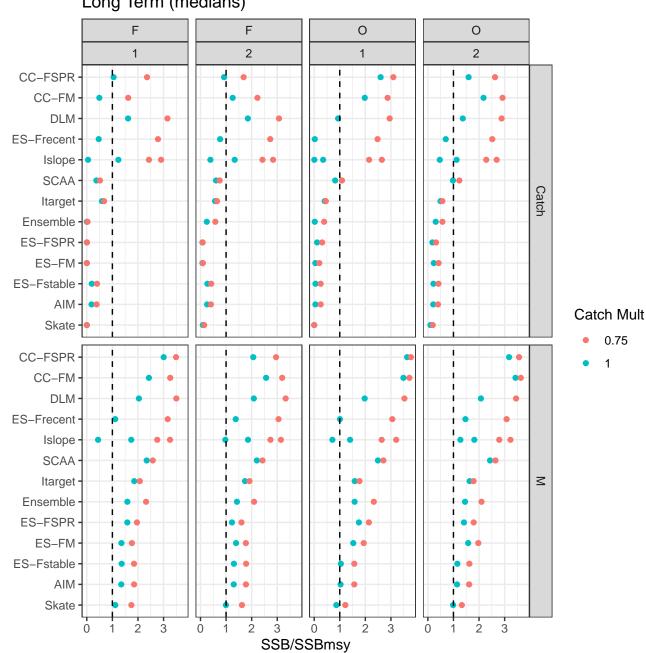
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SSB/SSBmsy

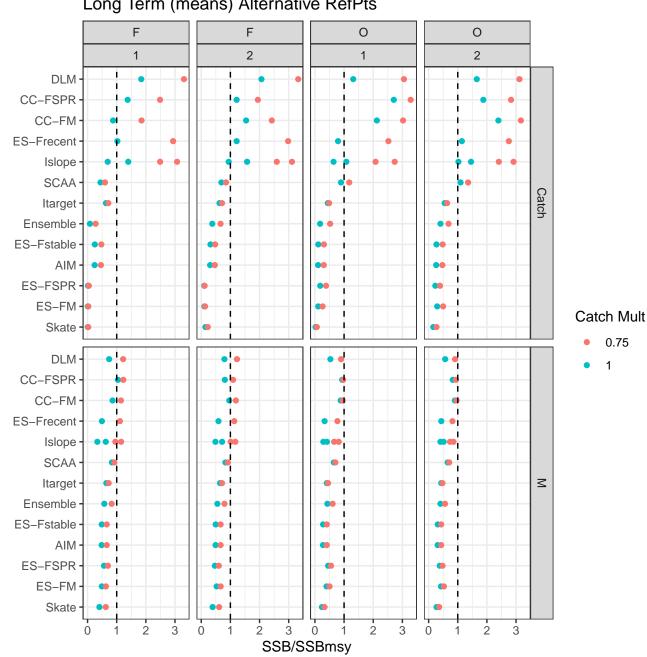
Long Term (means) F 1



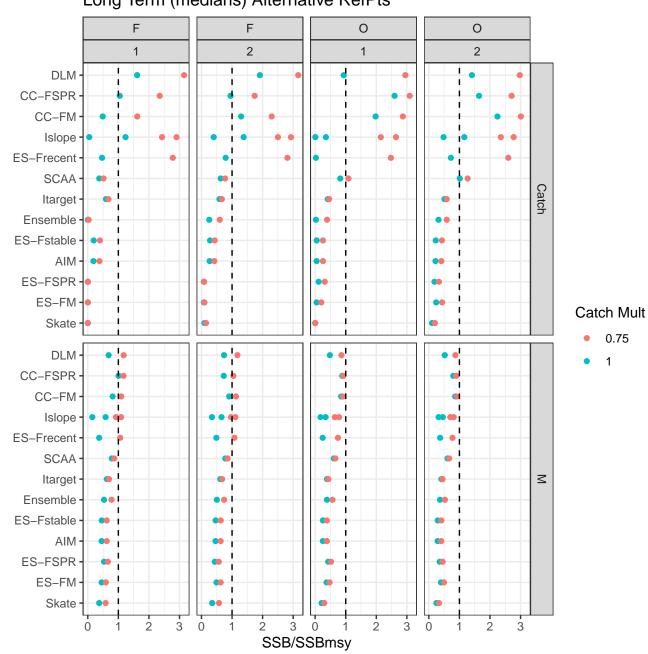
Long Term (medians)



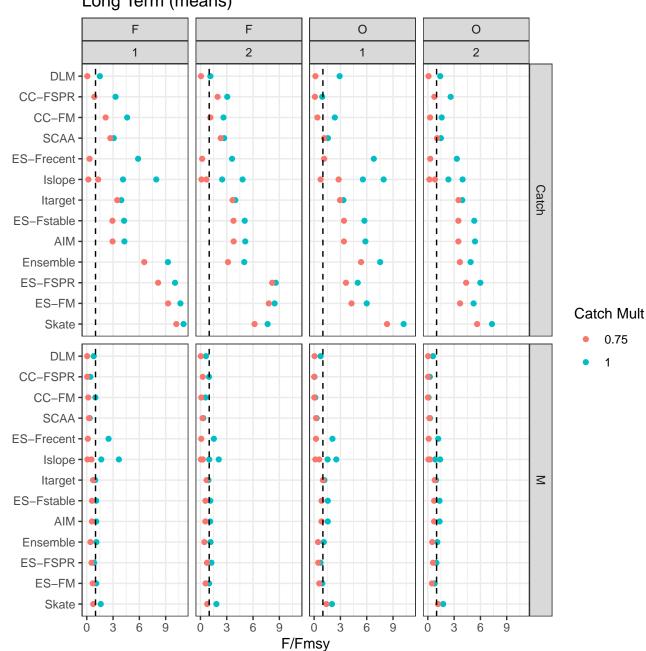
Long Term (means) Alternative RefPts



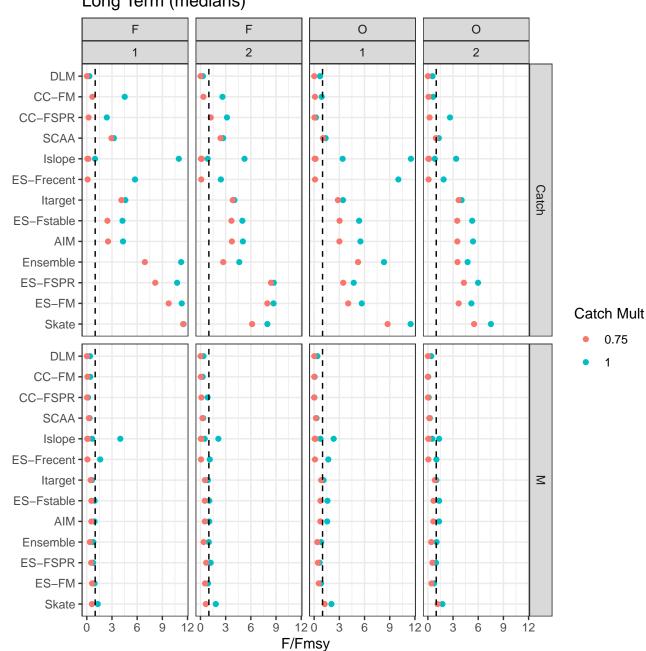
Long Term (medians) Alternative RefPts



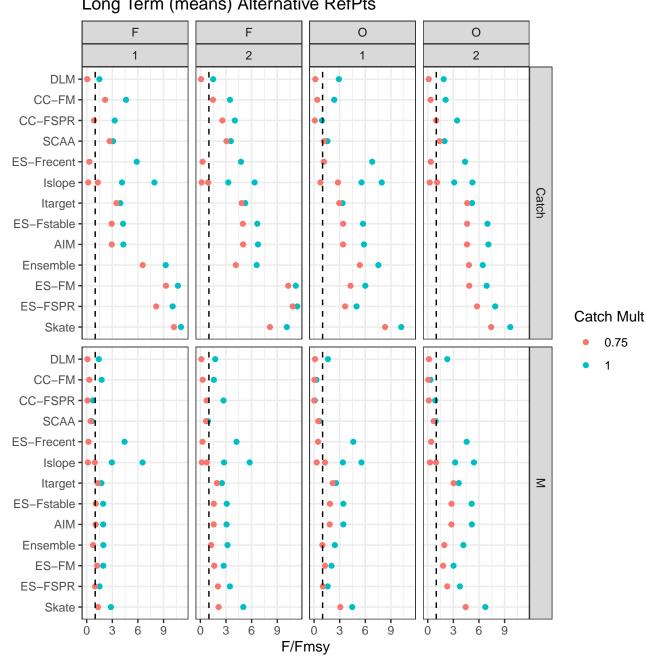
Long Term (means)



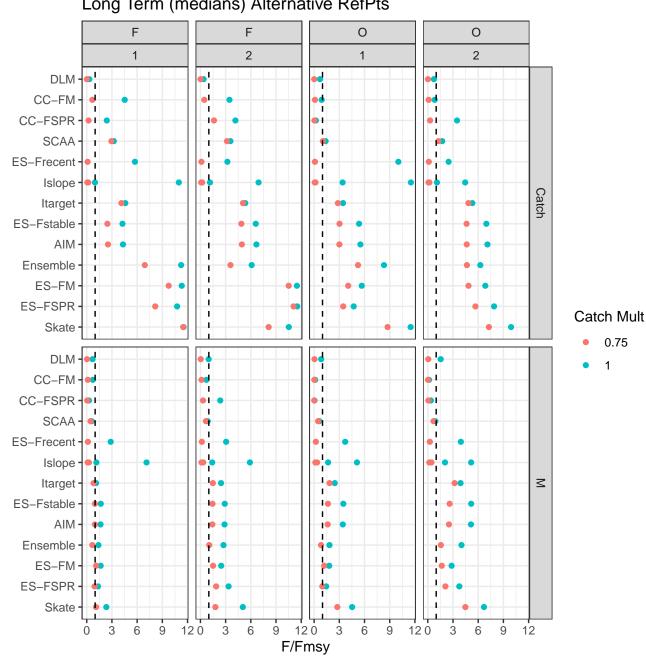
Long Term (medians)



Long Term (means) Alternative RefPts



Long Term (medians) Alternative RefPts



Long Term (means) F F 0 0 1 2 2 Itarget -SCAA ES-Fstable AIM ES-FSPR ES-FM Ensemble Skate -CC-FSPR ES-Frecent CC-FM Islope Catch Mult DLM 0.75 Itarget -1 **SCAA** ES-Fstable AIM ES-FSPR ES-FM Ensemble ≤ Skate CC-FSPR ES-Frecent CC-FM Islope DLM Catch/MSY

Long Term (medians) F F 0 0 1 2 2 Itarget -SCAA-L ES-Fstable AIM · ES-FSPR ES-FM-Ensemble -Skate -ES-Frecent ı CC-FSPR CC-FM Islope Catch Mult DLM -0.75 Itarget -1 SCAA ES-Fstable 1 00 AIM ES-FSPR ES-FM Ensemble ≤ Skate

ES-Frecent -CC-FSPR -CC-FM -Islope -DLM -

0.0 0.3 0.6

0.9 1.20.0 0.3 0.6

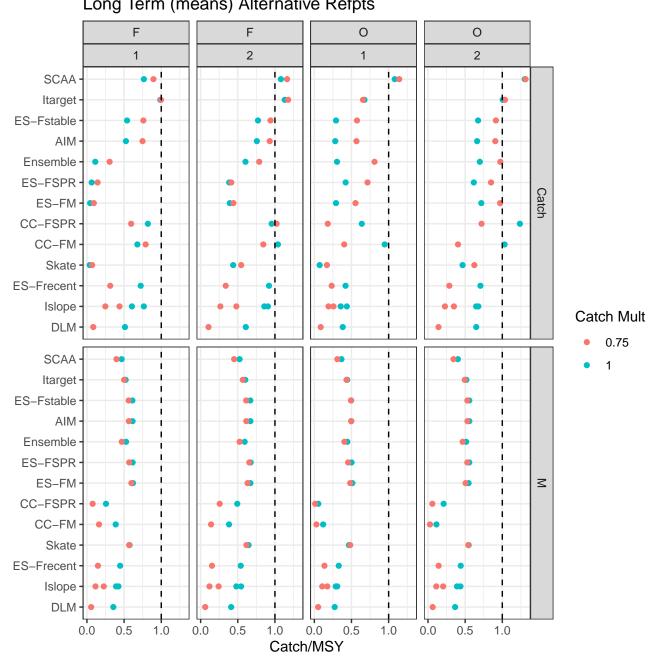
0.9 1.20.0 0.3

Catch/MSY

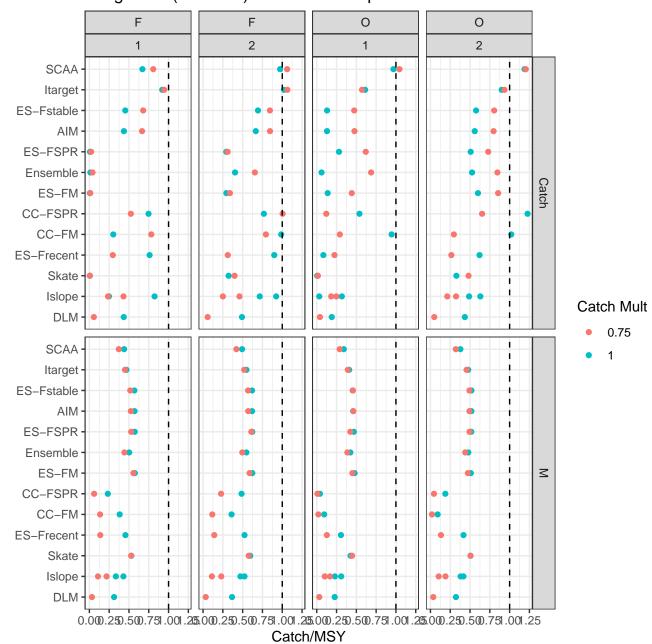
0.6

0.9 1.20.0 0.3 0.6 0.9 1.2

Long Term (means) Alternative Refpts



## Long Term (medians) Alternative Refpts



All Years (means) F F 0 0 1 2 2 Skate -Itarget -CC-FM CC-FSPR ES-FM-ES-FSPR Catch ES-Fstable AIM DLM Ensemble SCAA-ES-Frecent -Catch Mult Islope 0.75 Skate -1 Itarget · CC-FM CC-FSPR ES-FM ES-FSPR ES-Fstable -≤ AIM · DLM -Ensemble -SCAA -ES-Frecent -Islope · 0.0 0.5 1.0 1.5 2.0 0.0 0.5 1.0 1.5 2.0 0.0 0.5 1.0 1.5 2.0 0.0 0.5 1.0 1.5 2.0 IAV Catch

All Years (medians) F F 0 0 1 2 2 Skate · ES-FM-Itarget · ES-FSPR CC-FM-CC-FSPR Catch ES-Fstable AIM SCAA Ensemble DLM -ES-Frecent -Catch Mult Islope 0.75 Skate -1 ES-FM-Itarget -ES-FSPR -CC-FM CC-FSPR ES-Fstable -≤ AIM · SCAA -Ensemble -DLM -ES-Frecent Islope · 0.0 0.5 1.0 1.5 2.0 0.0 0.5 1.0 1.5 2.0 0.0 0.5 1.0 1.5 2.0 0.0 0.5 1.0 1.5 2.0 IAV Catch

(Long Term means)

