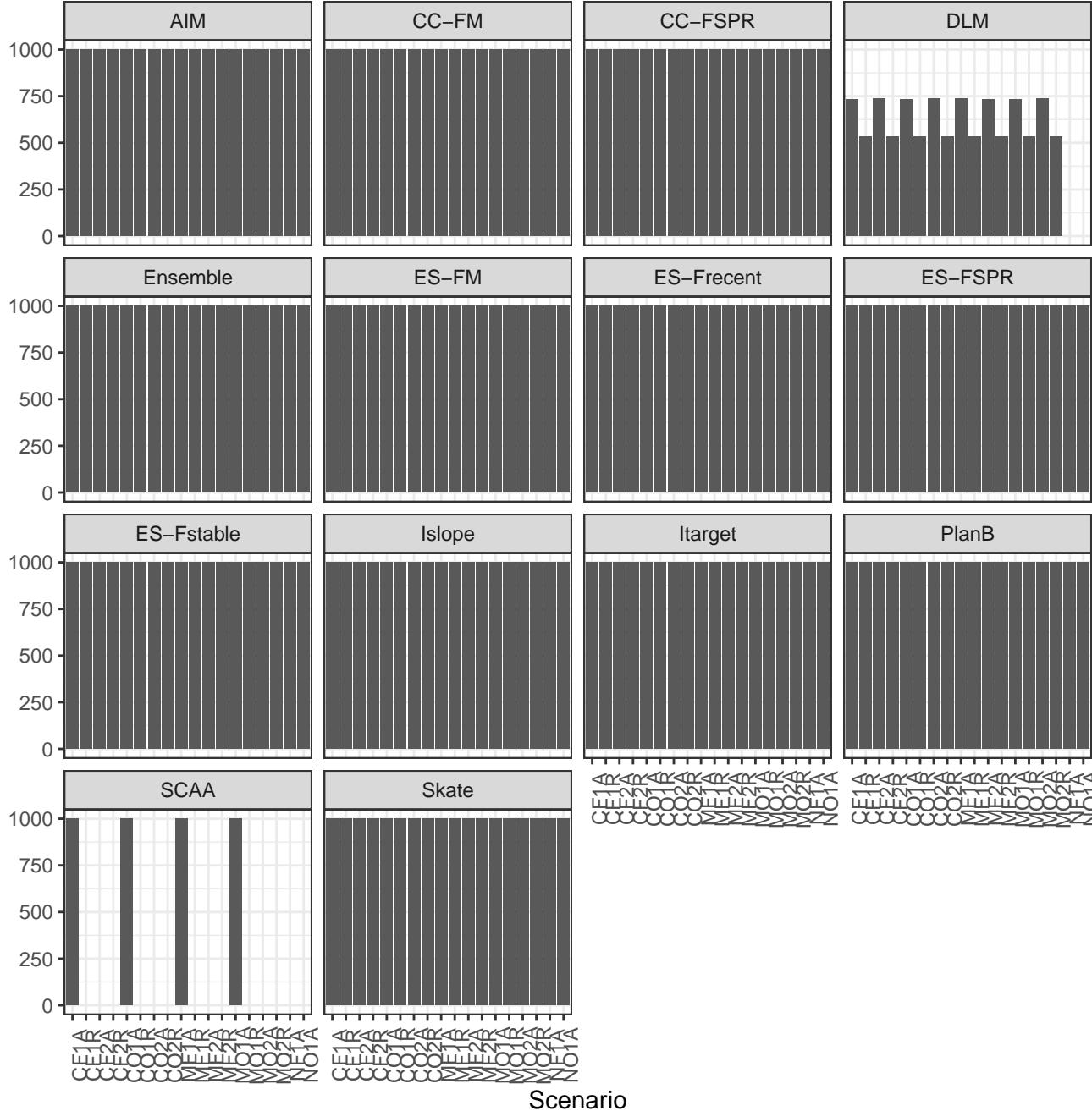


Number of Simulations



Scenario Label Decoder

CF1A to MO2R explained

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

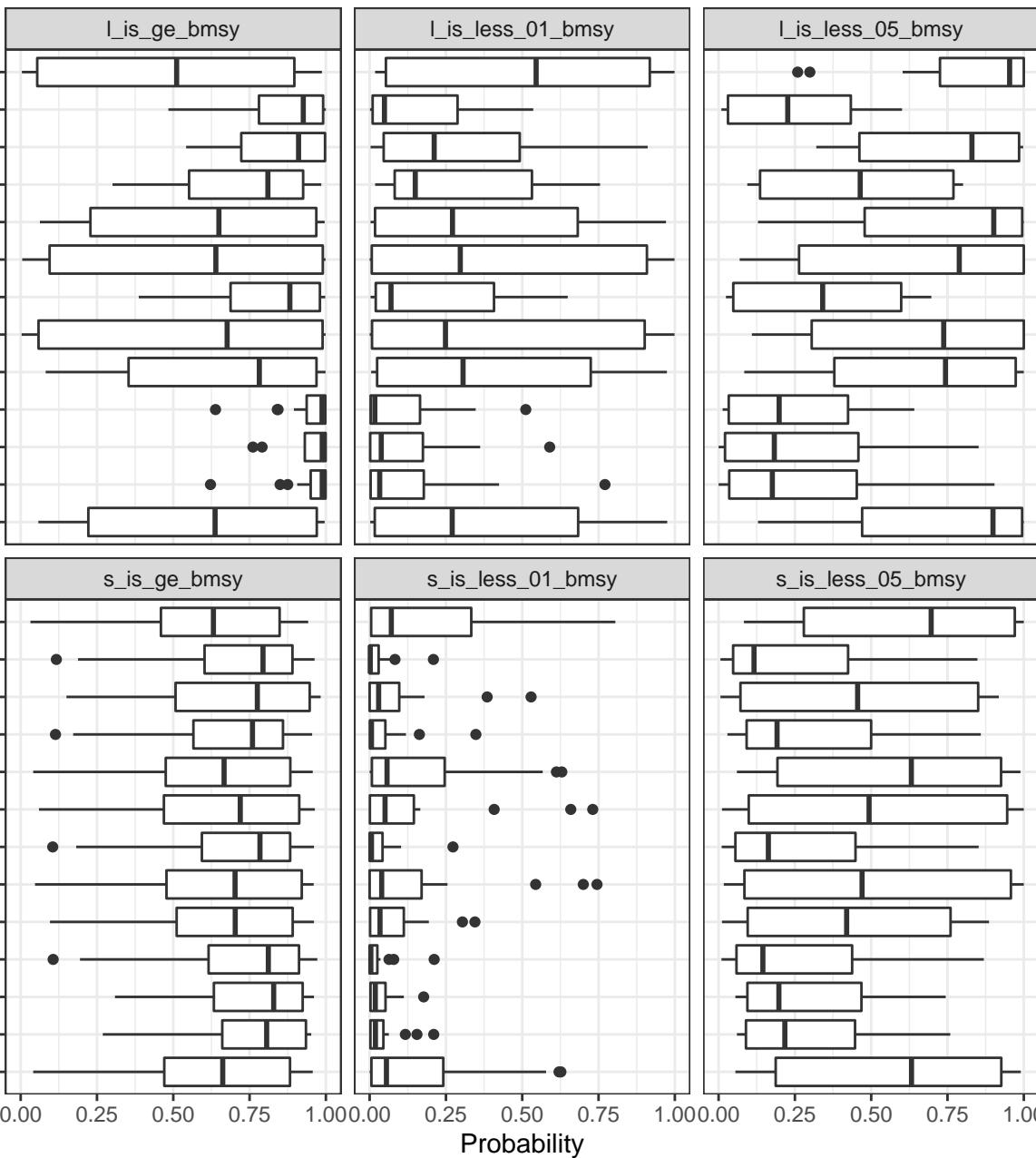
F history: F=overfishing then Fmsy, O=Always Overfishing

Selblocks: 1 or 2

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

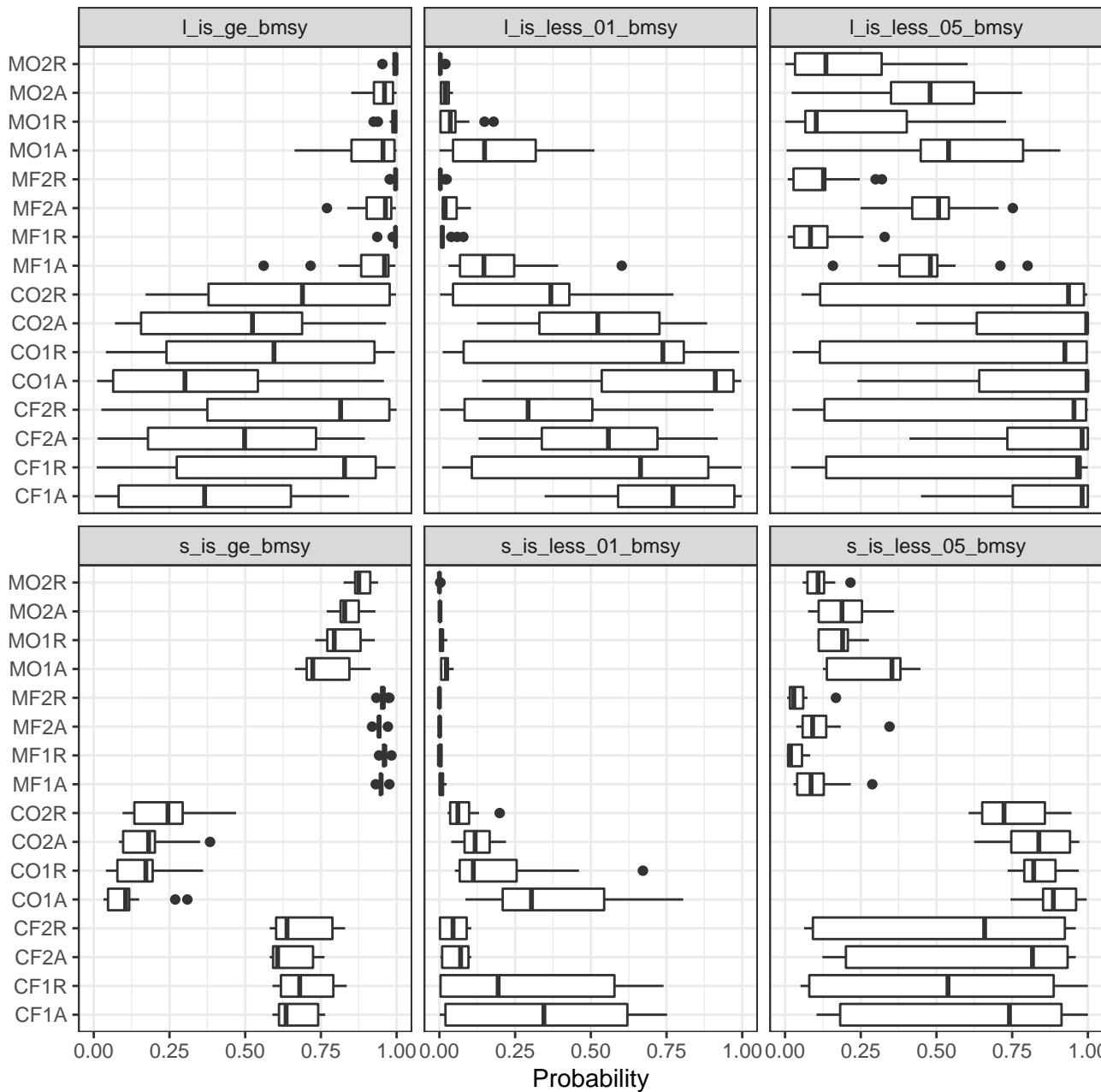
SSB

IBM

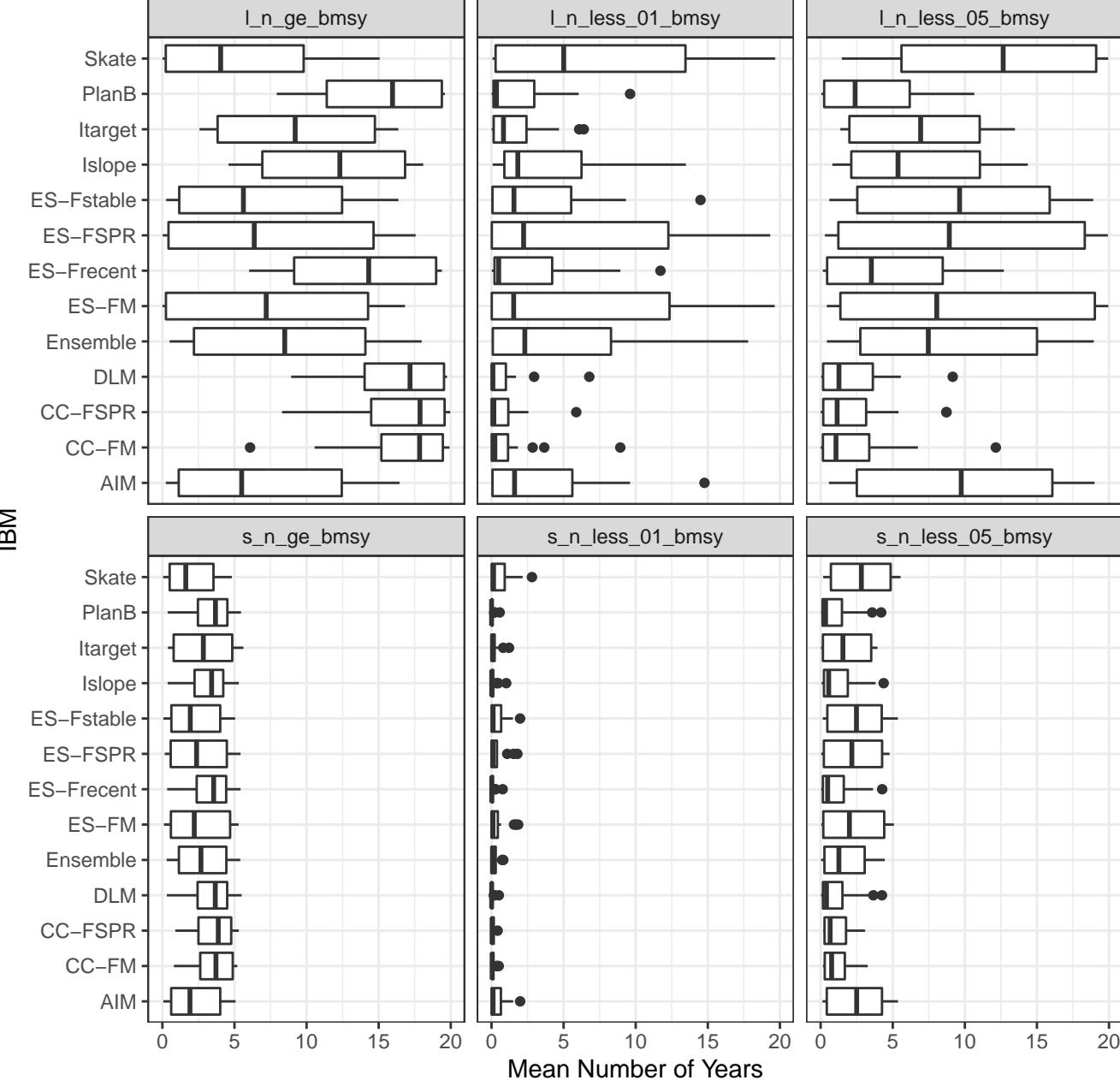


SSB

Scenario

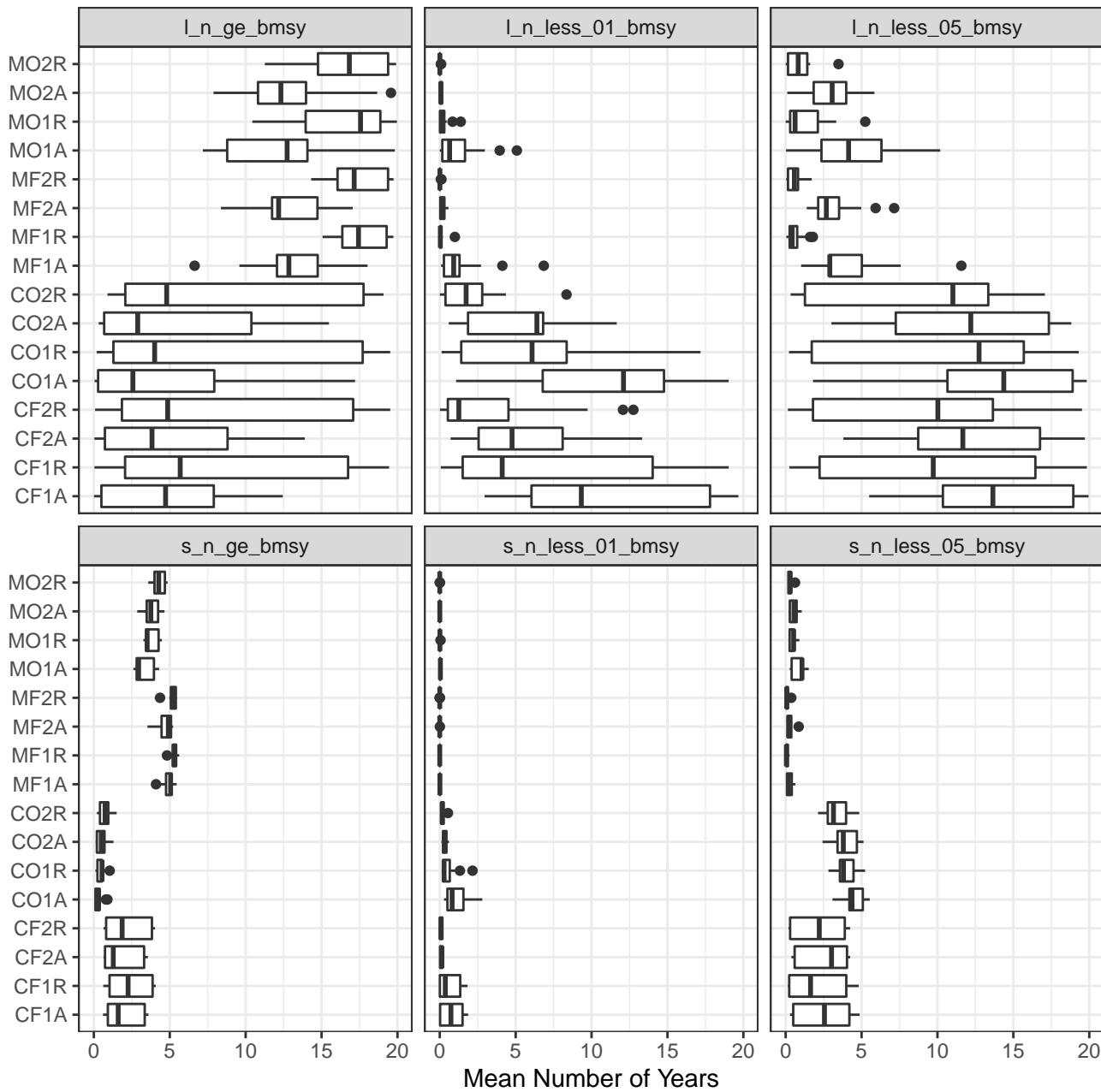


SSB

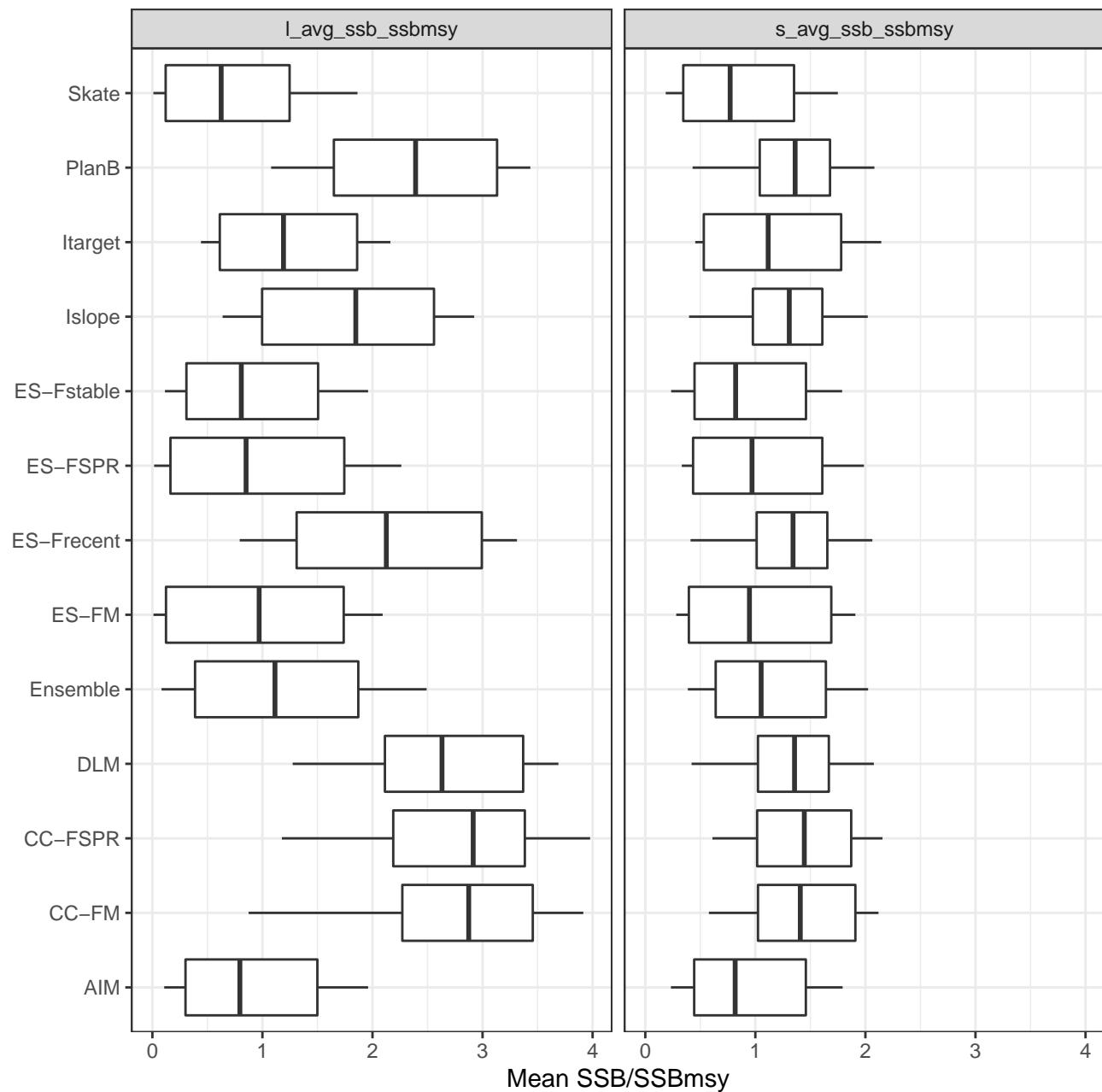


SSB

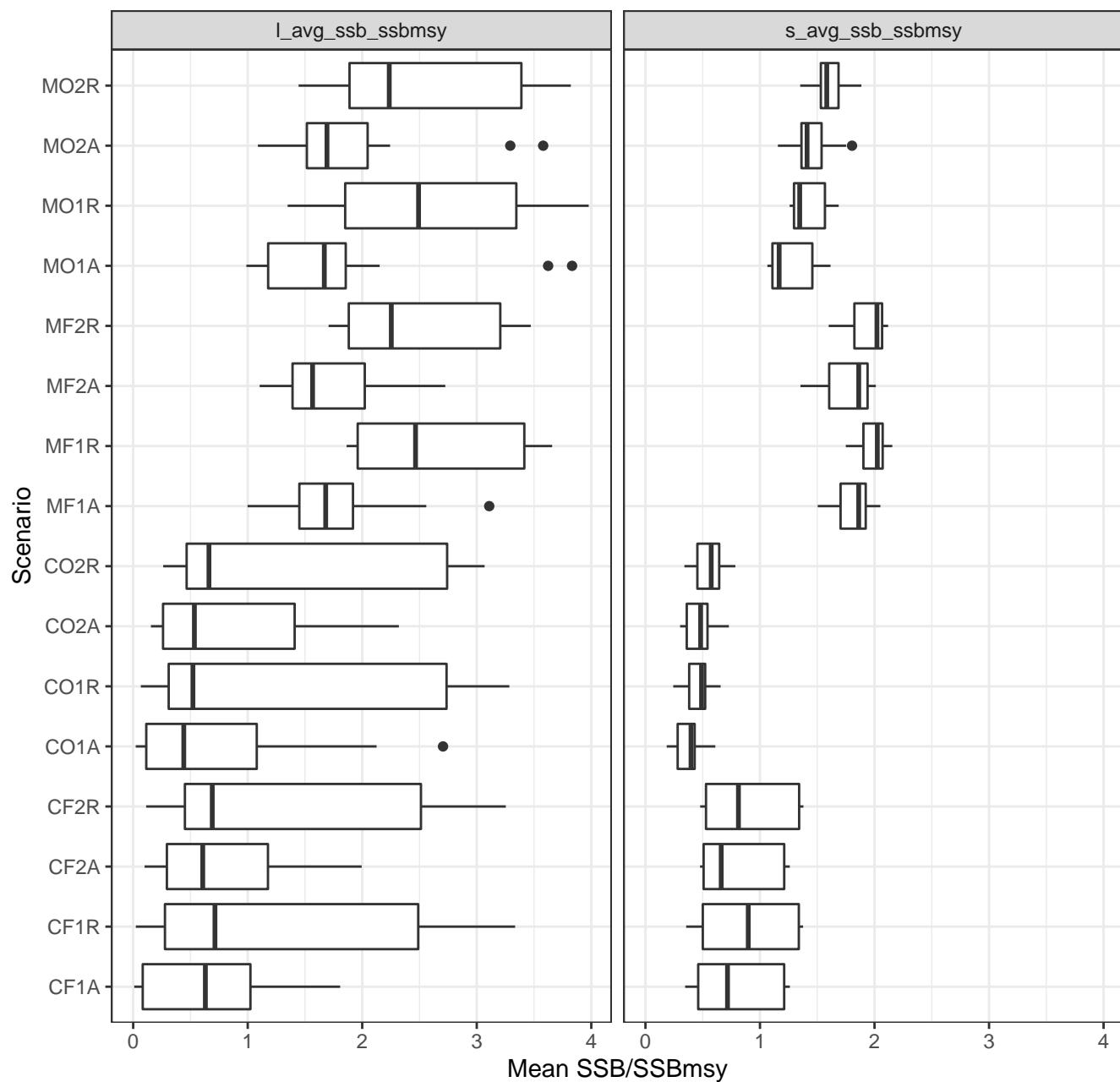
Scenario



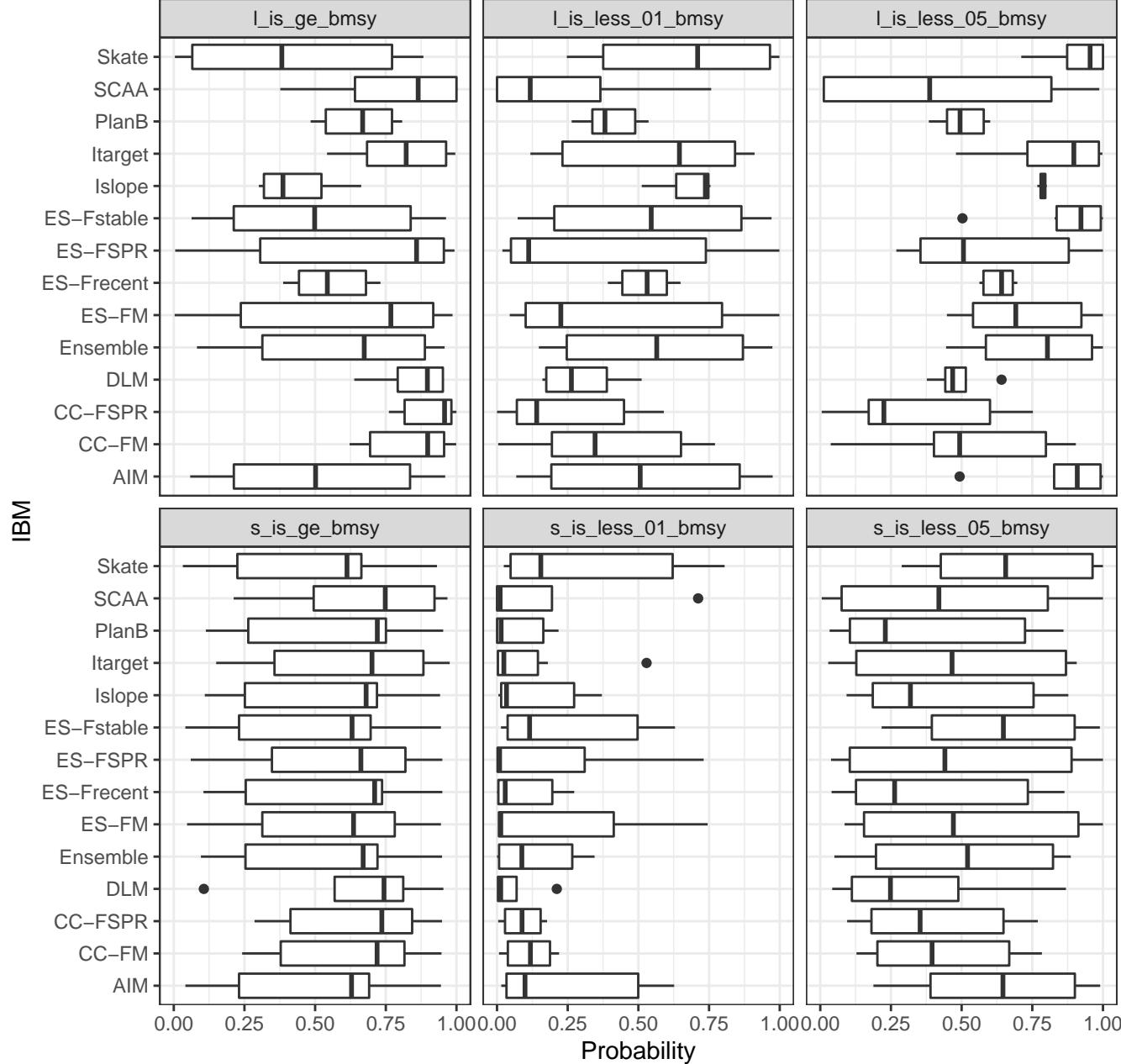
SSB



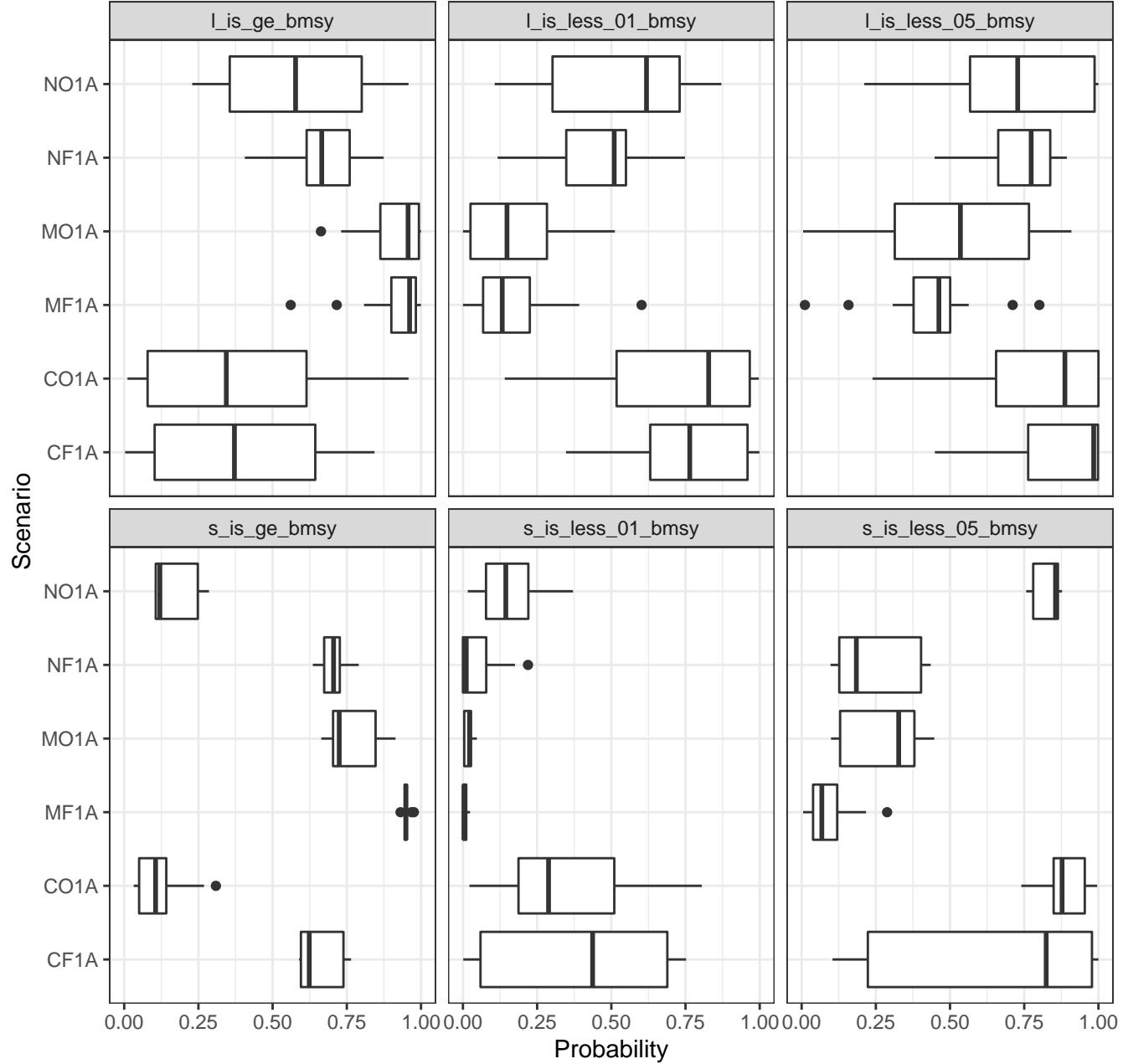
SSB



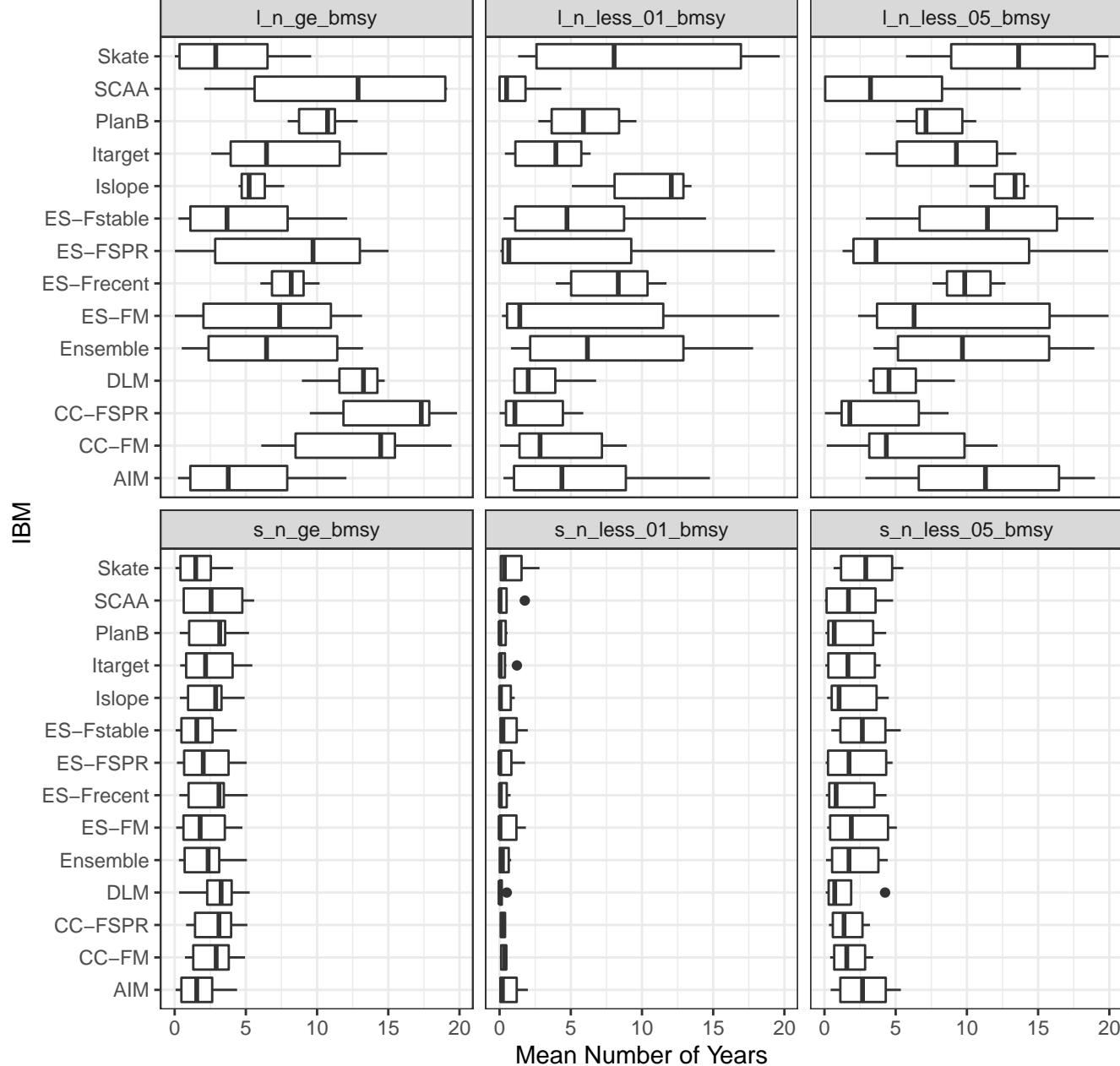
SSB (SCAA scenarios)



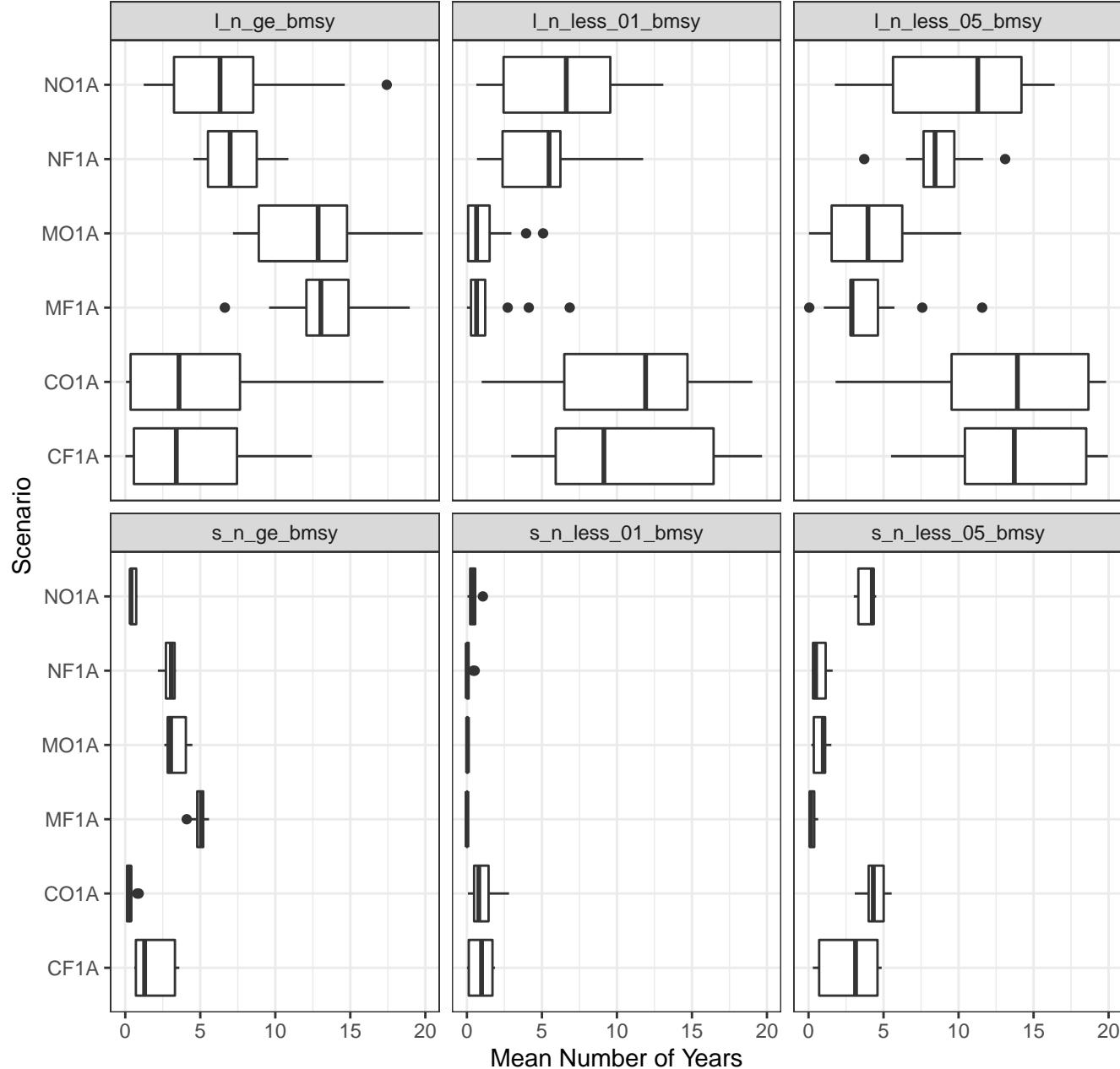
SSB (SCAA scenarios)



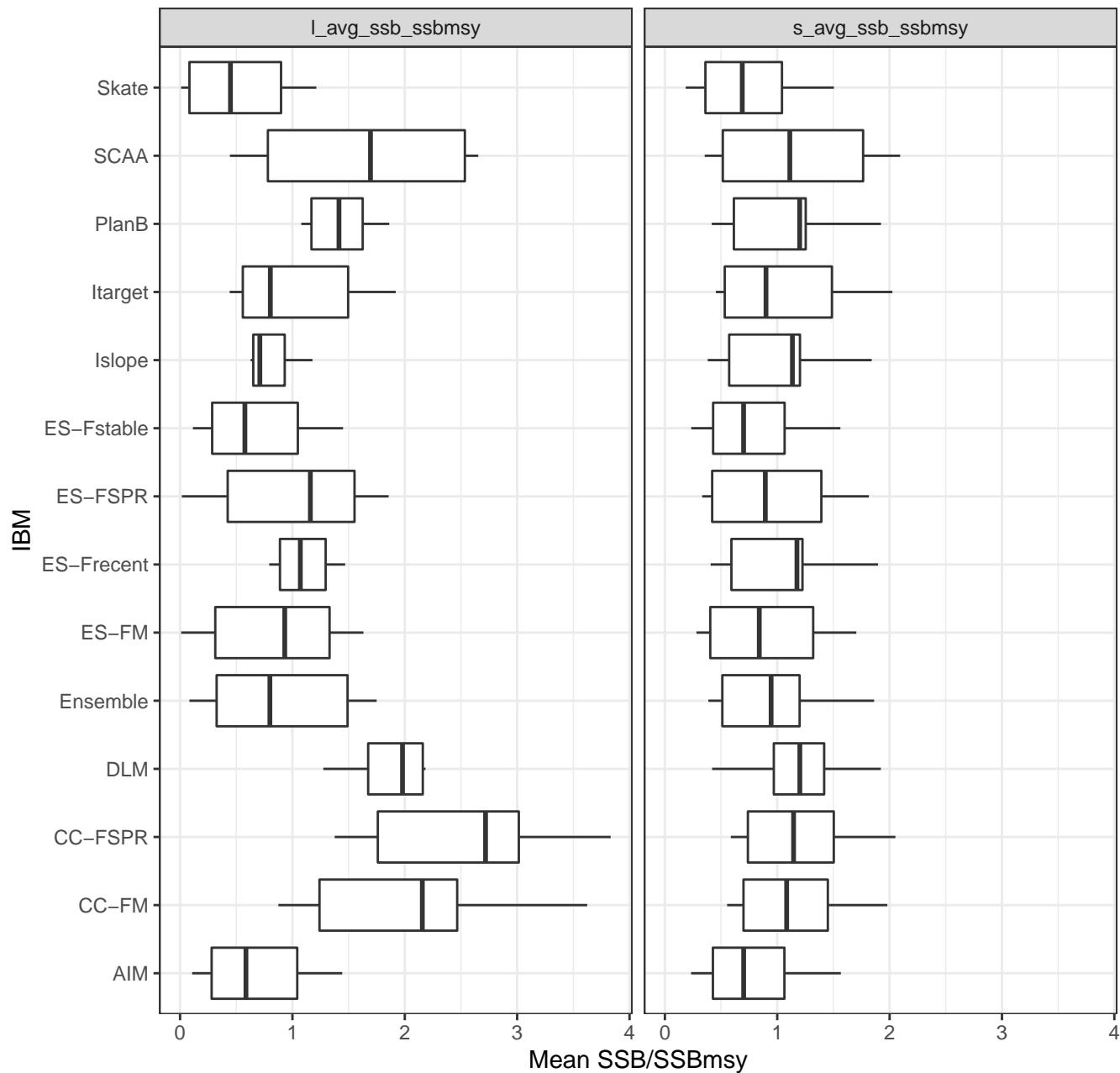
SSB (SCAA scenarios)



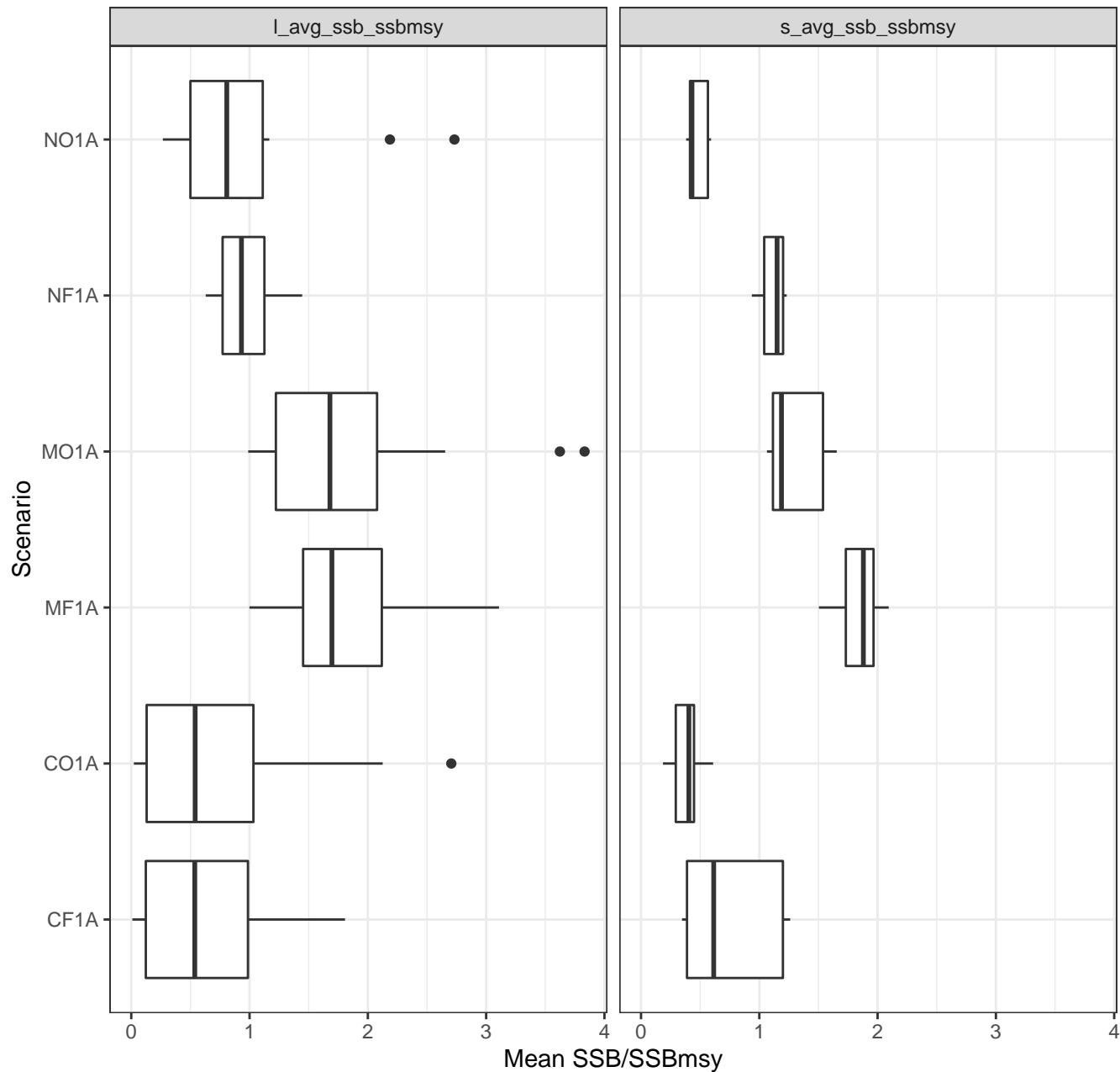
SSB (SCAA scenarios)



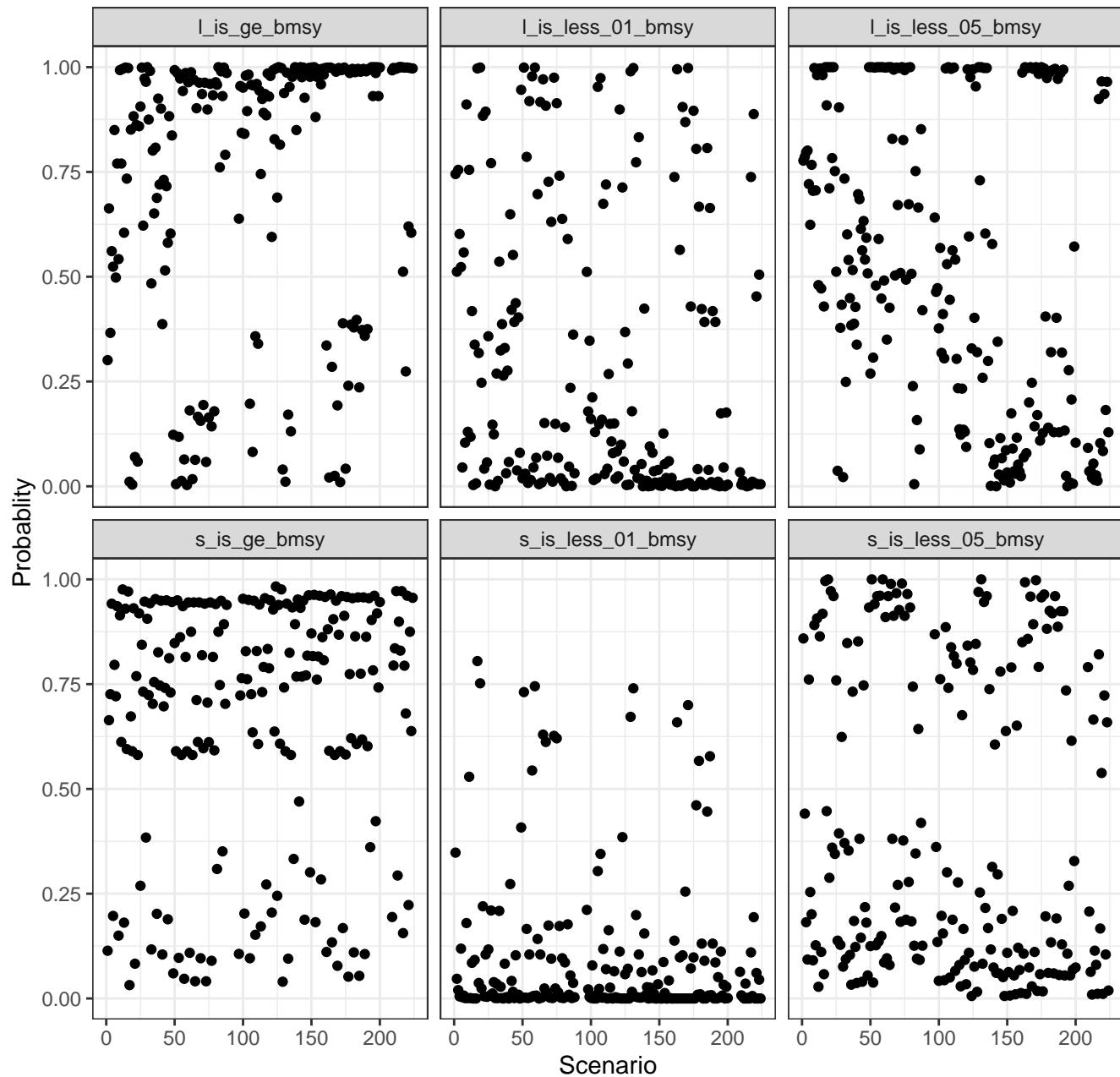
SSB (SCAA scenarios)



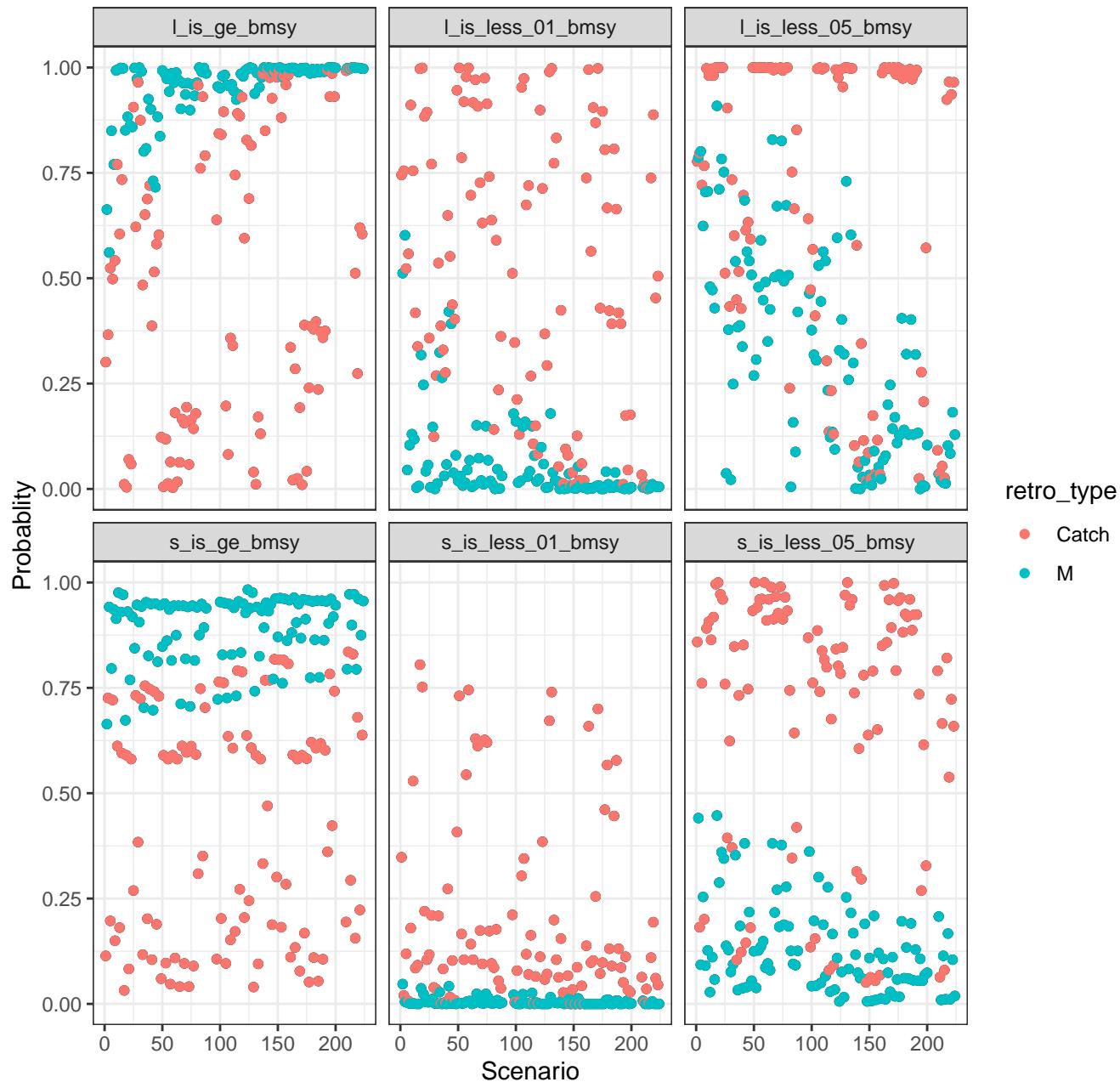
SSB (SCAA scenarios)



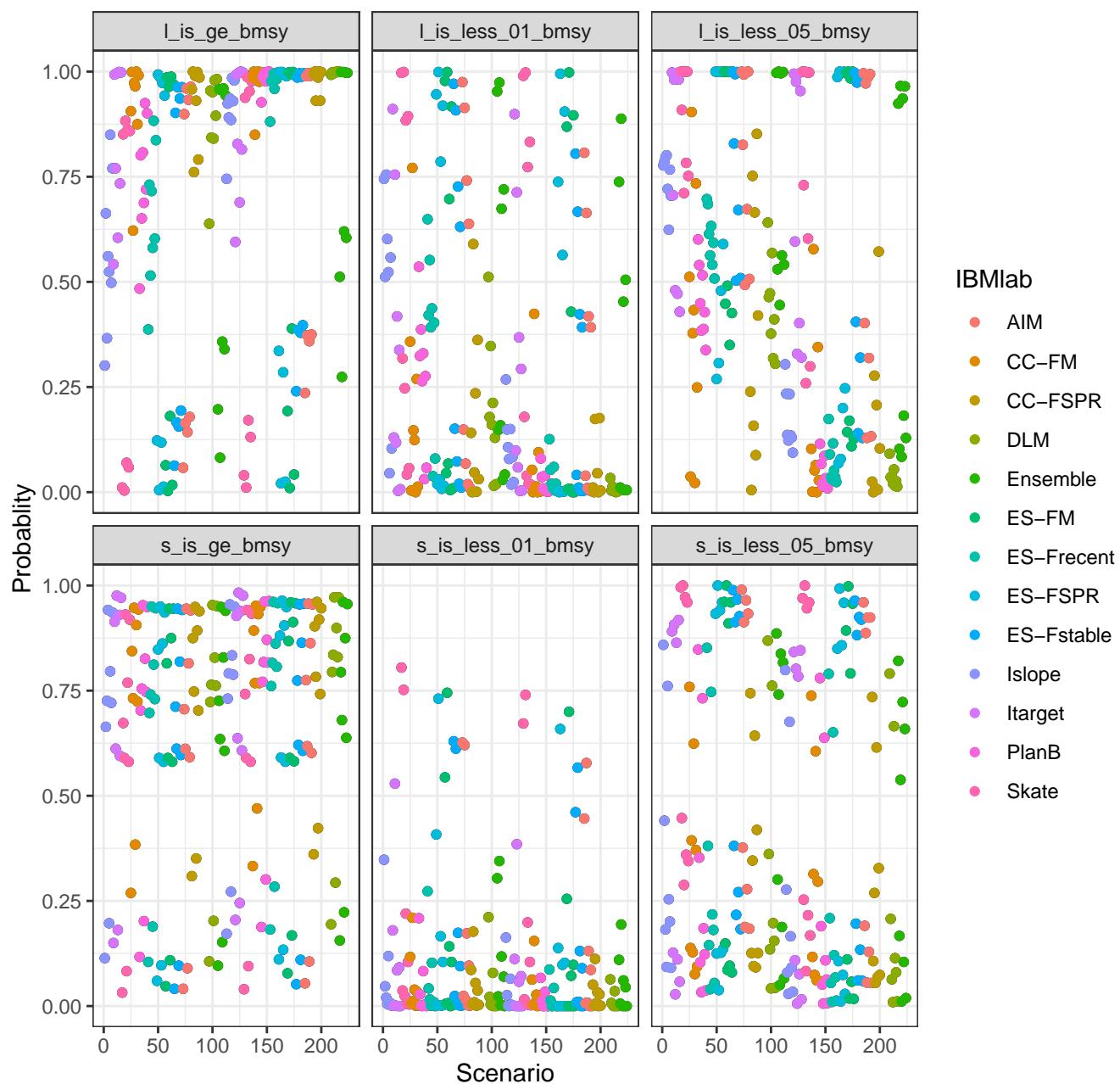
SSB



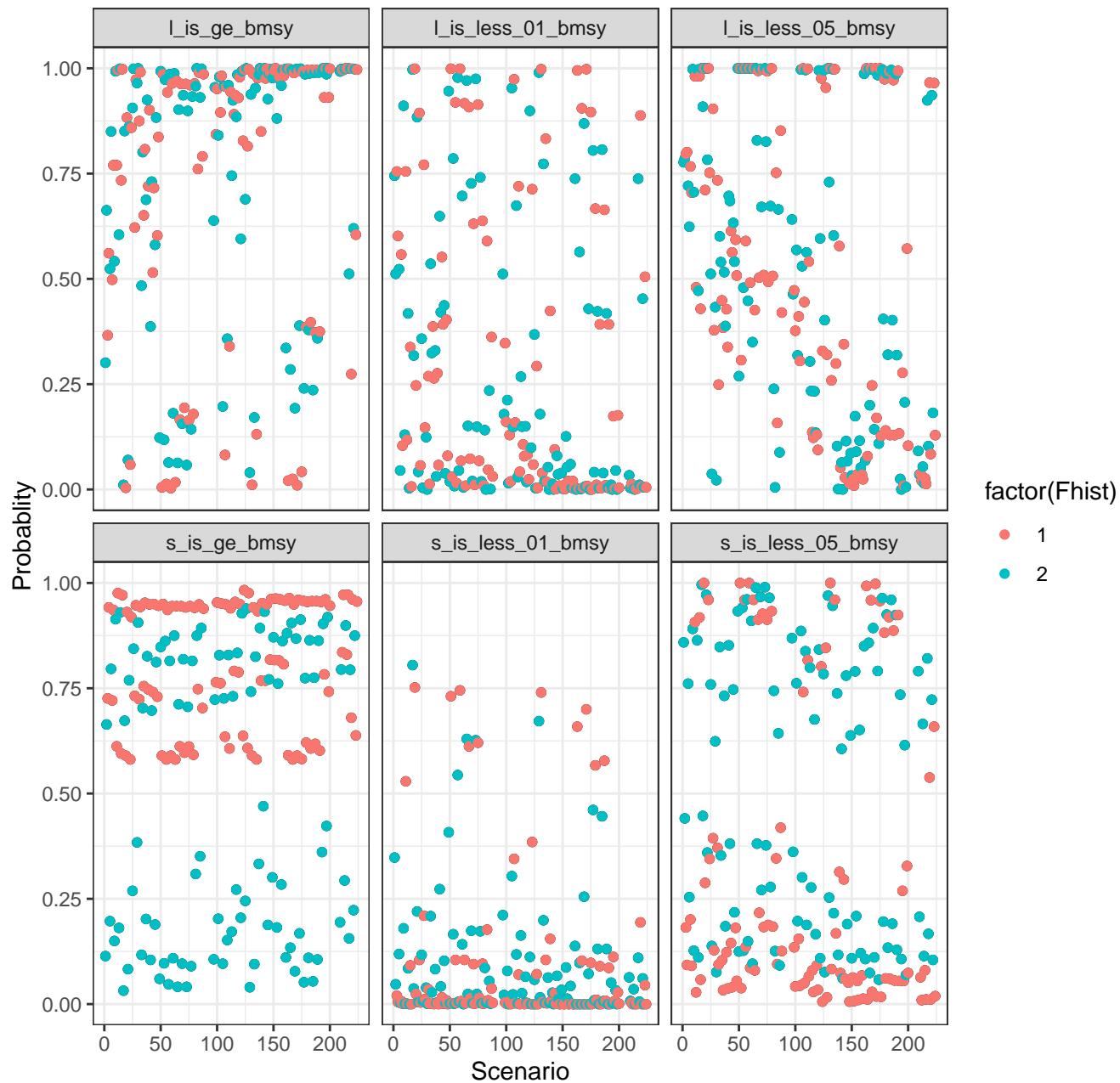
SSB



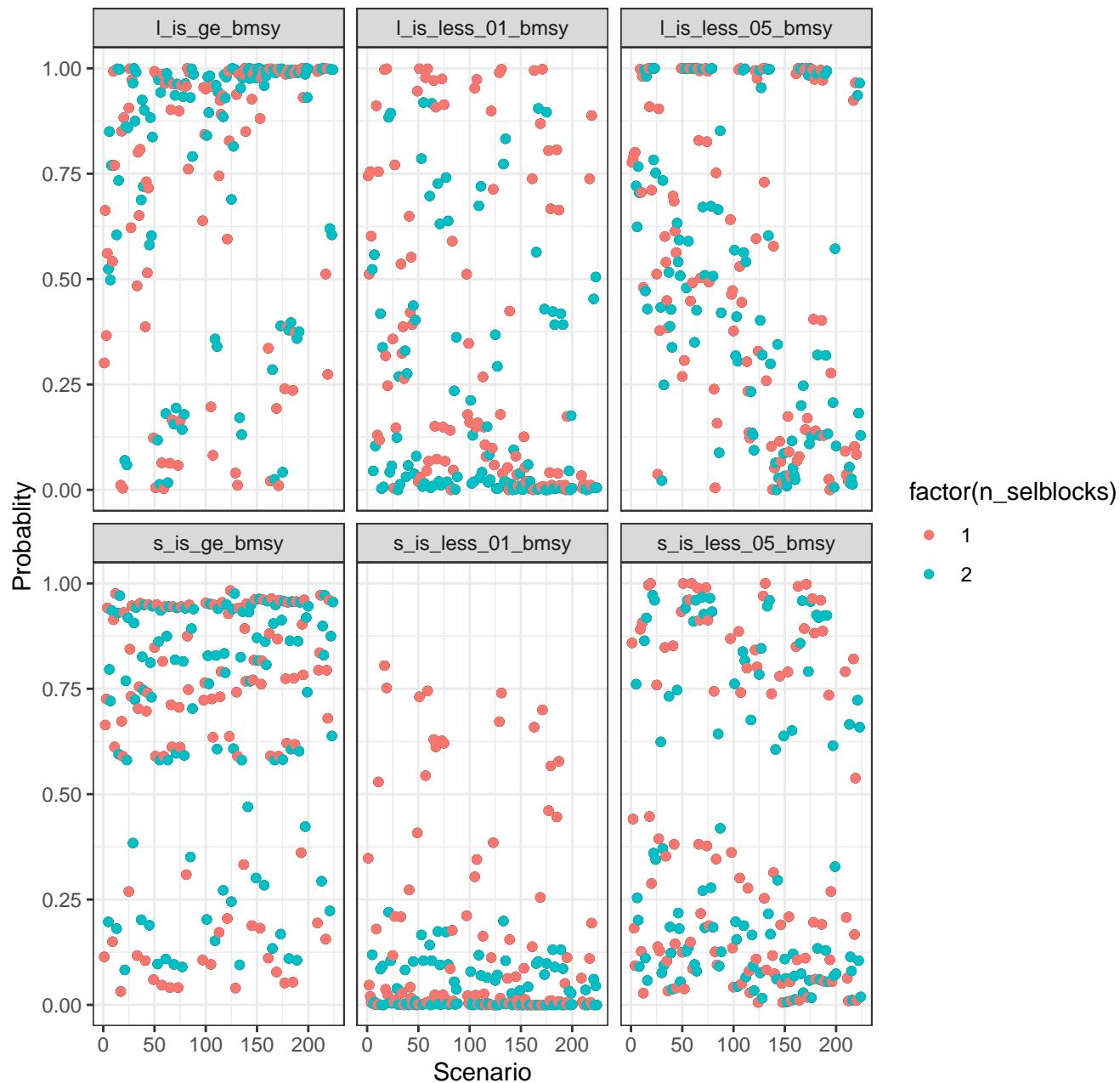
SSB



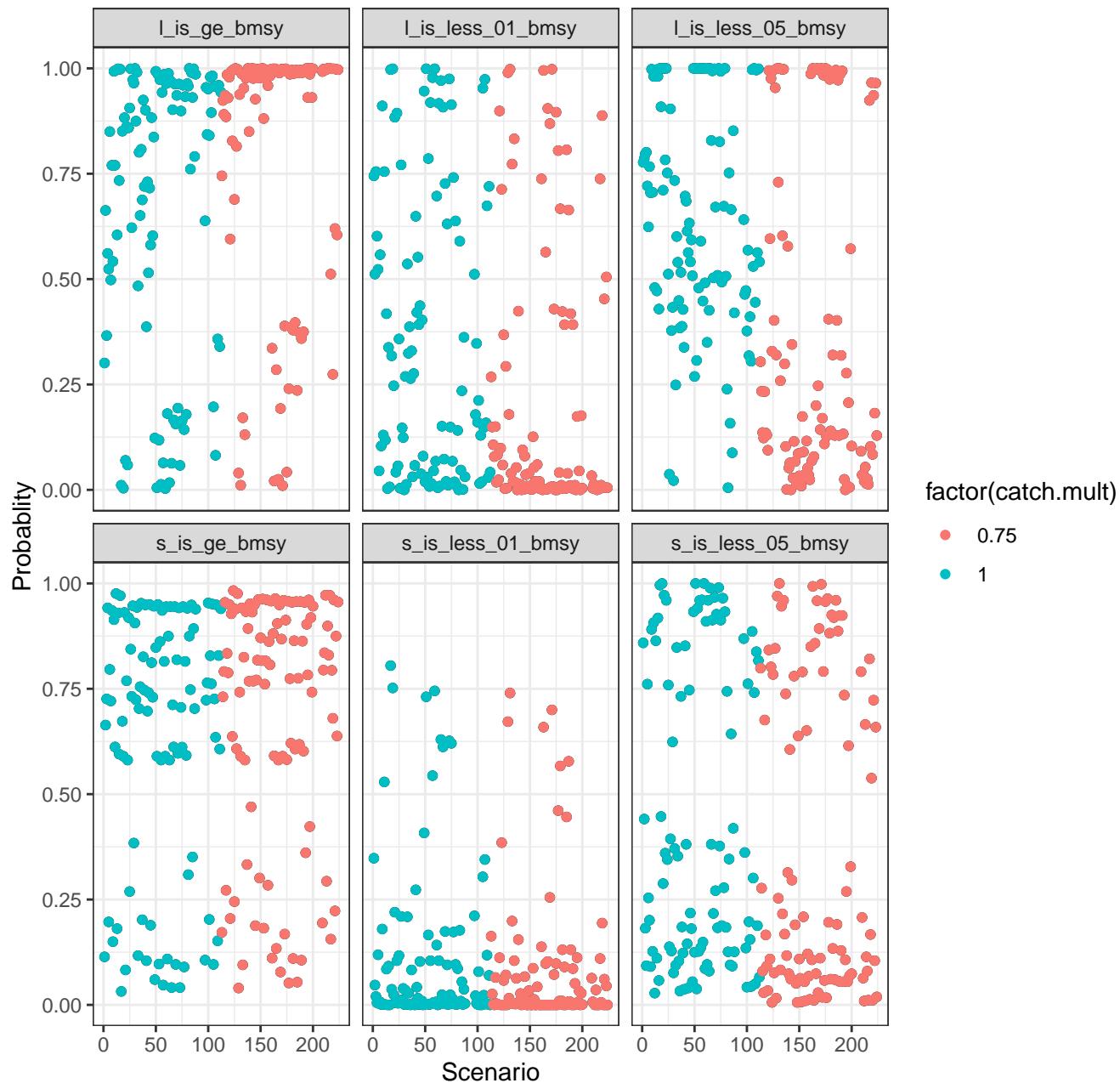
SSB



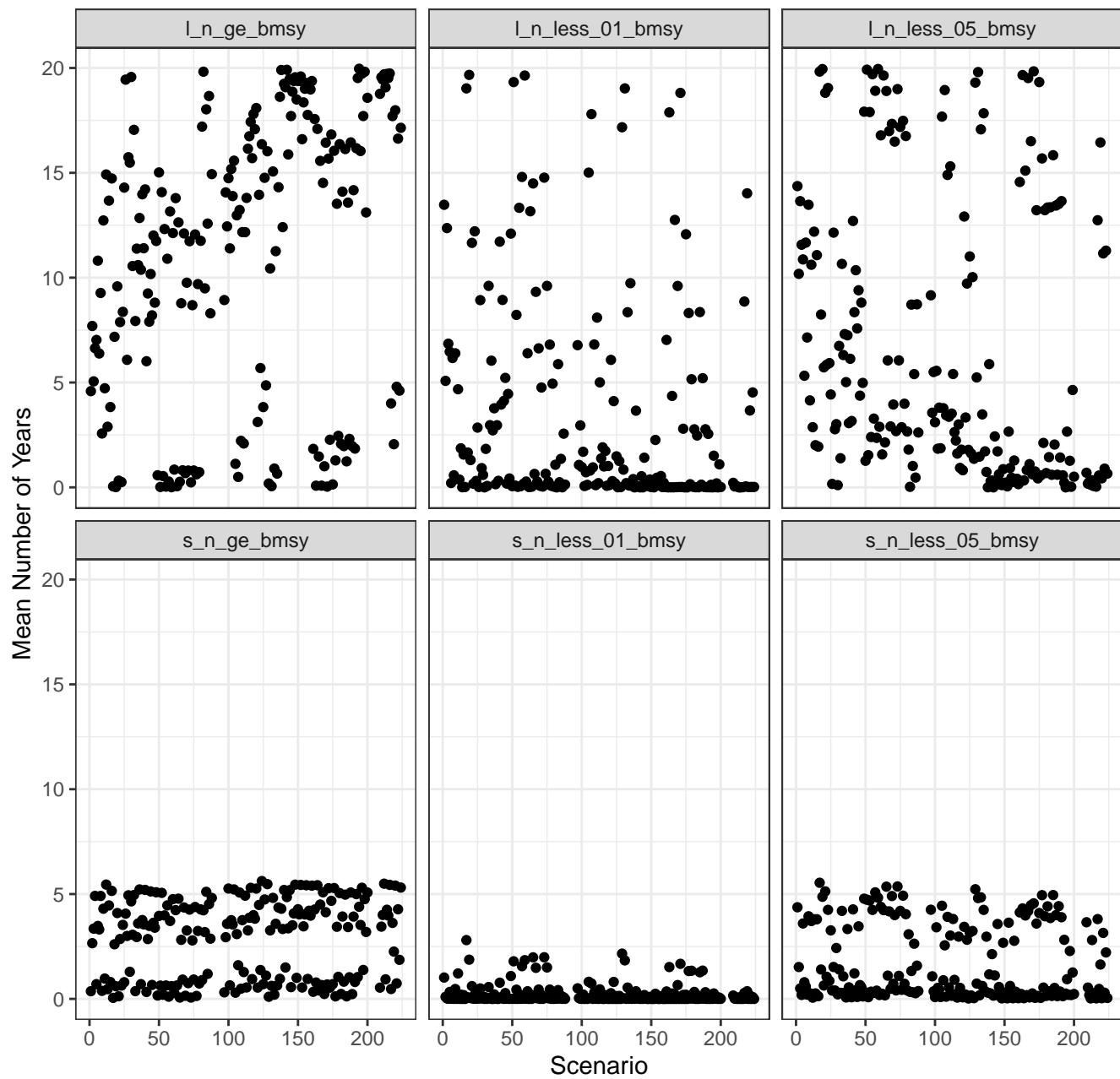
SSB



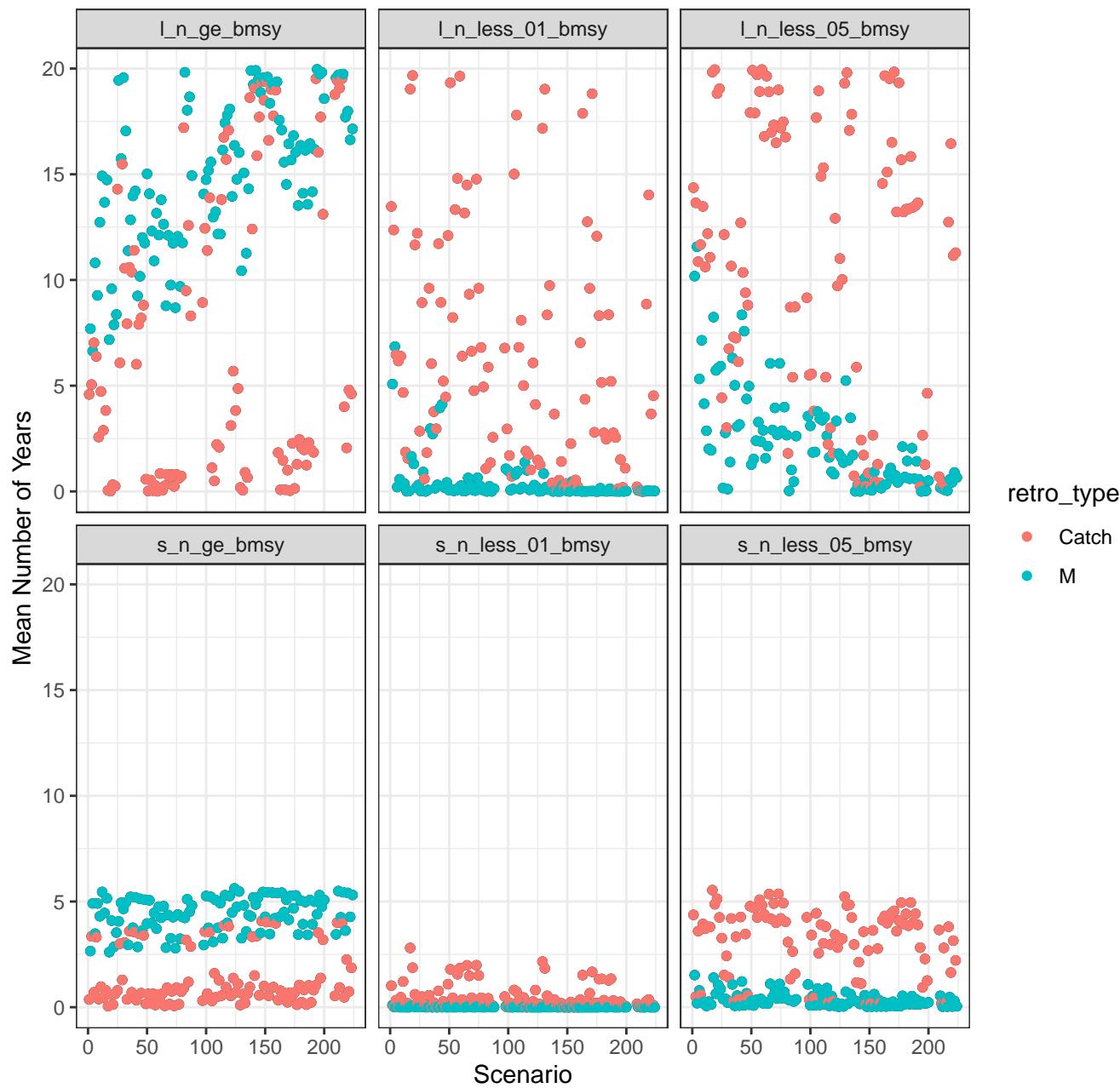
SSB



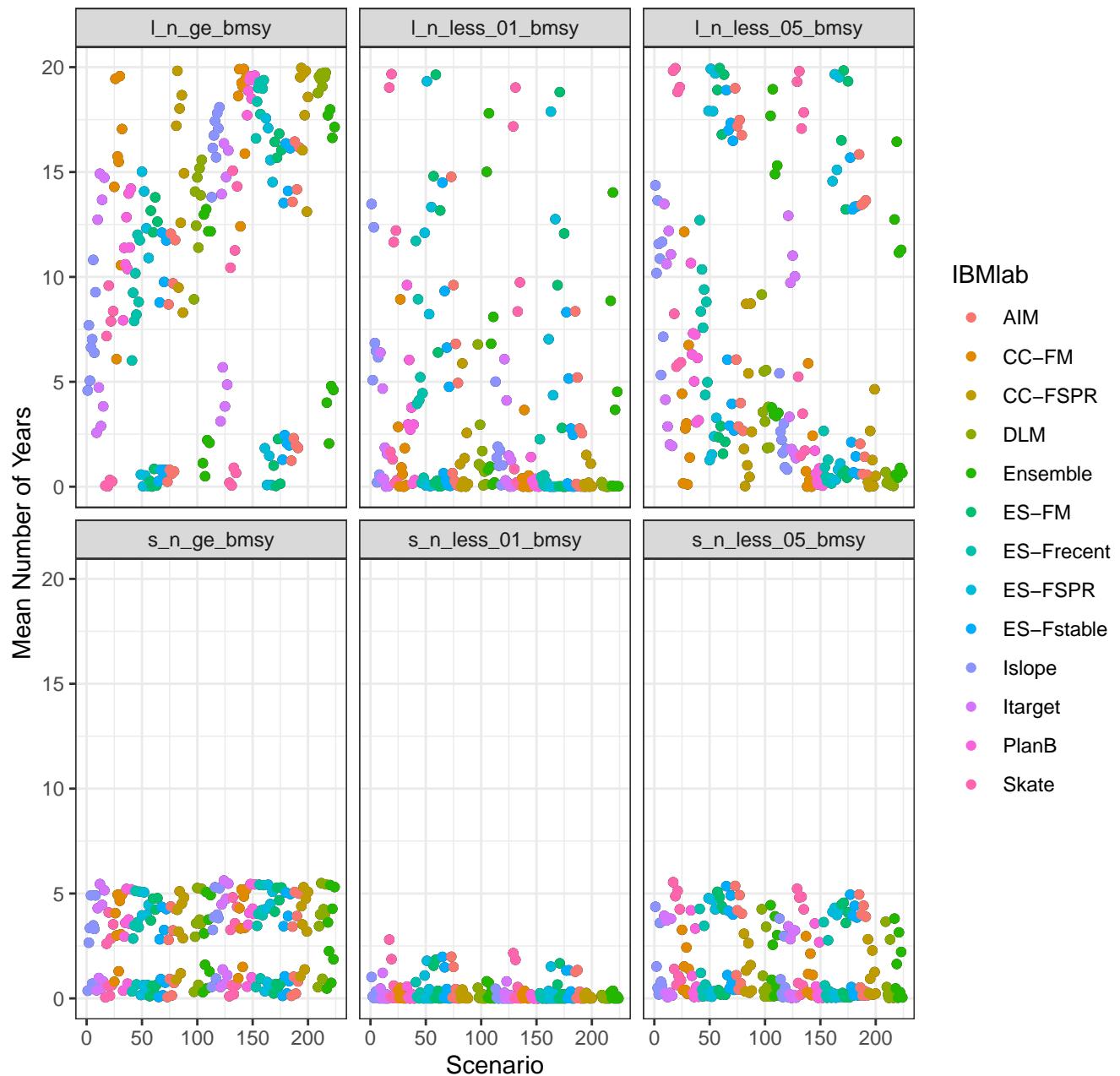
SSB



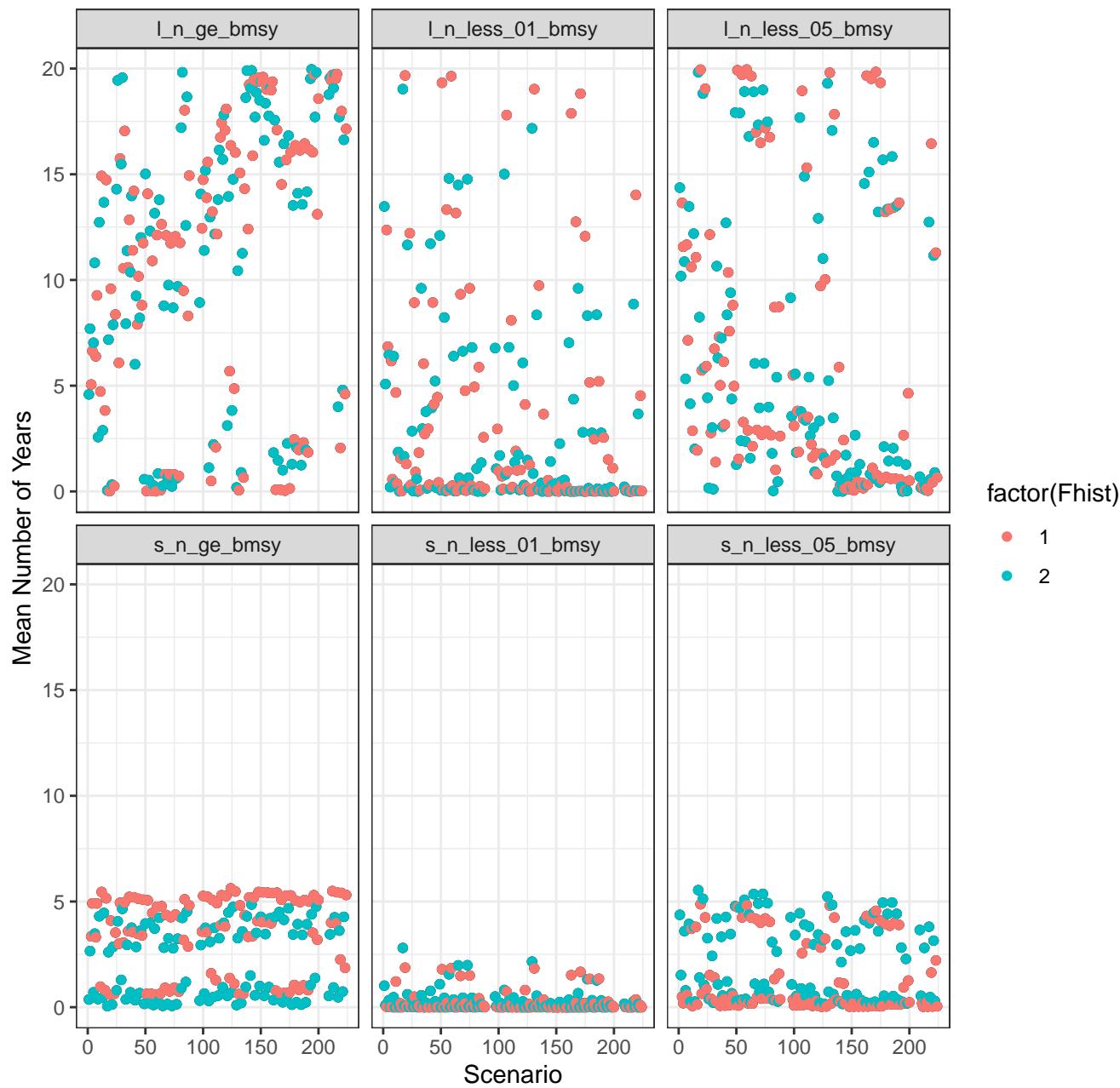
SSB



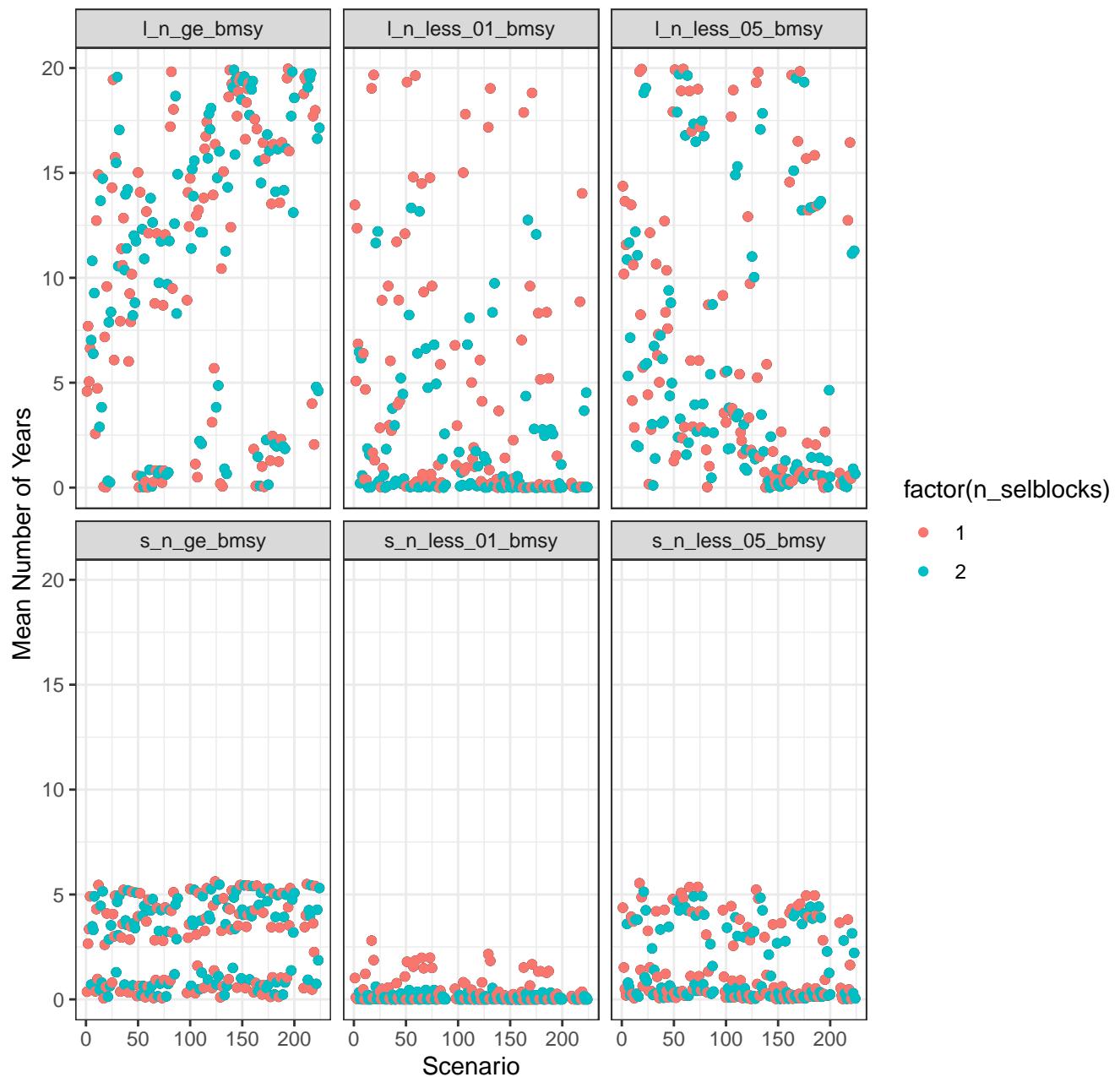
SSB



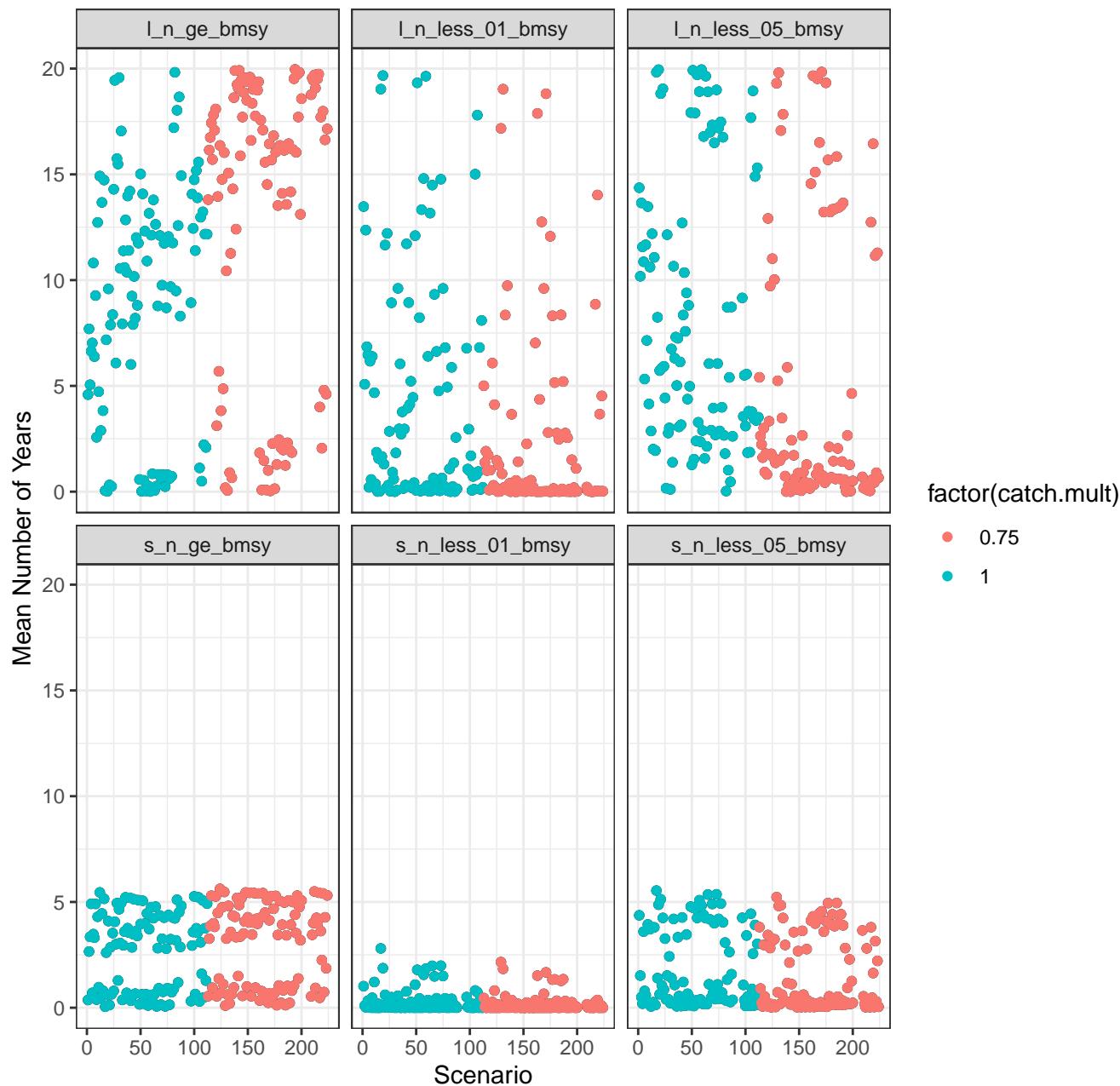
SSB



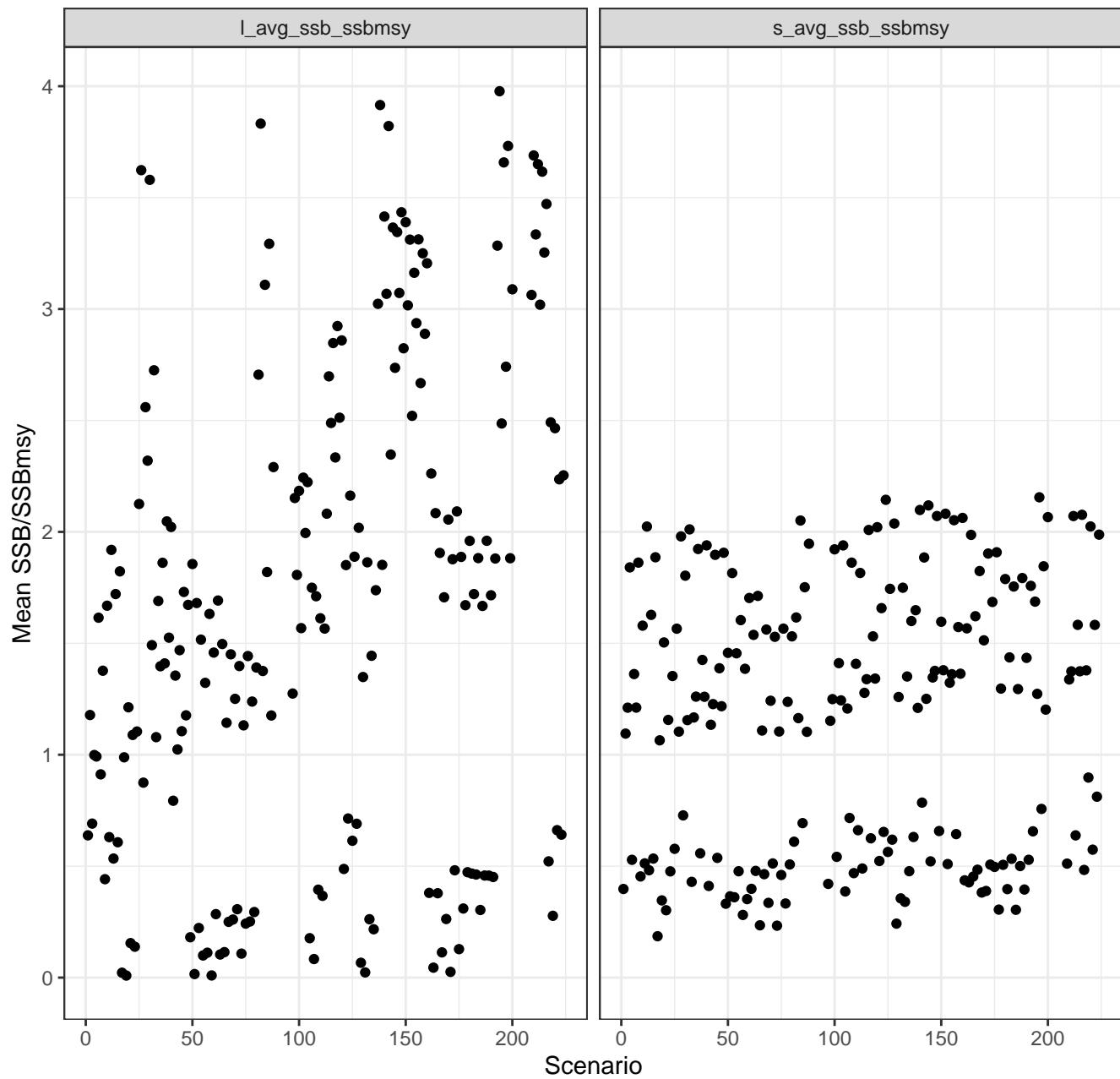
SSB



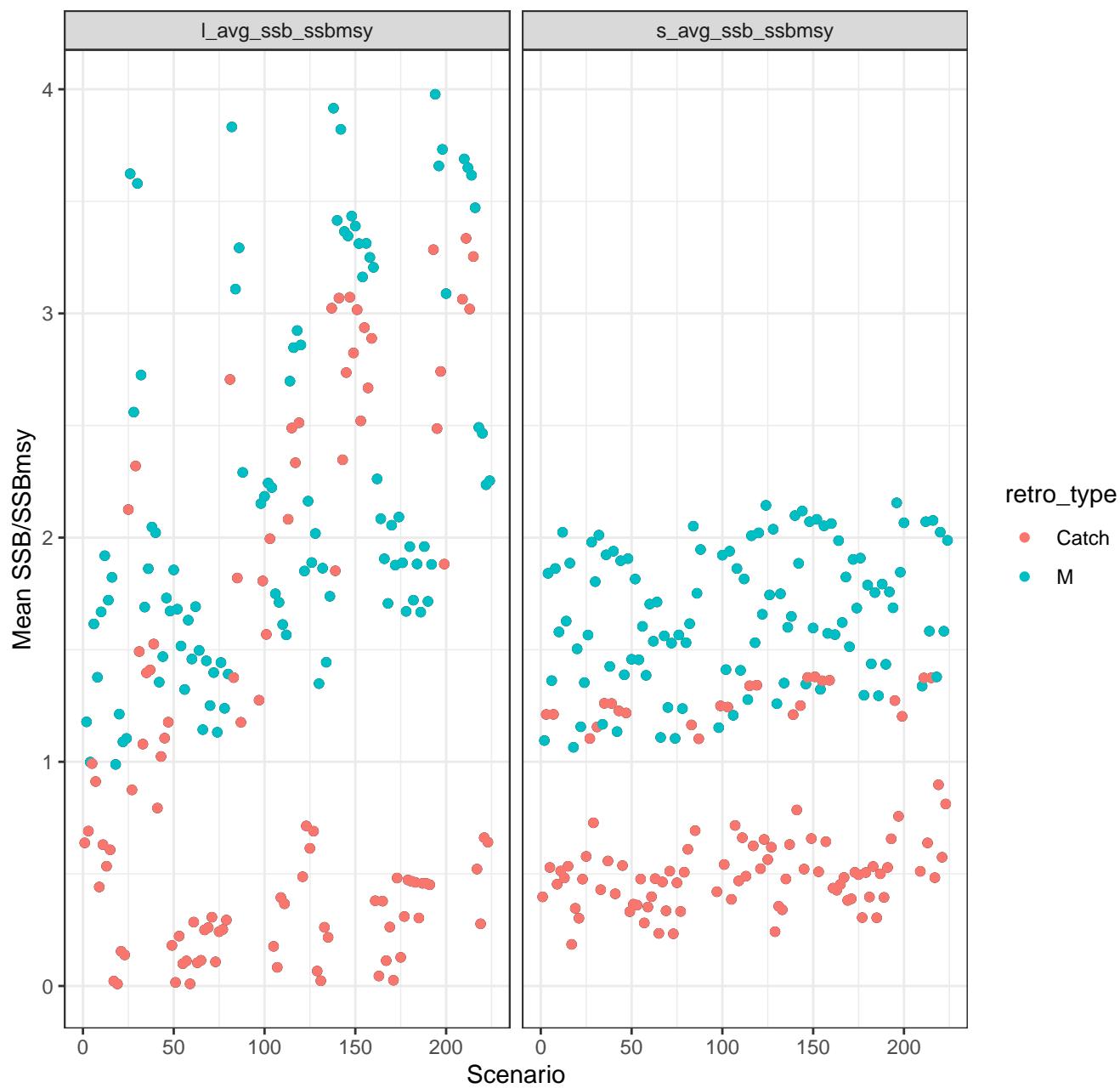
SSB



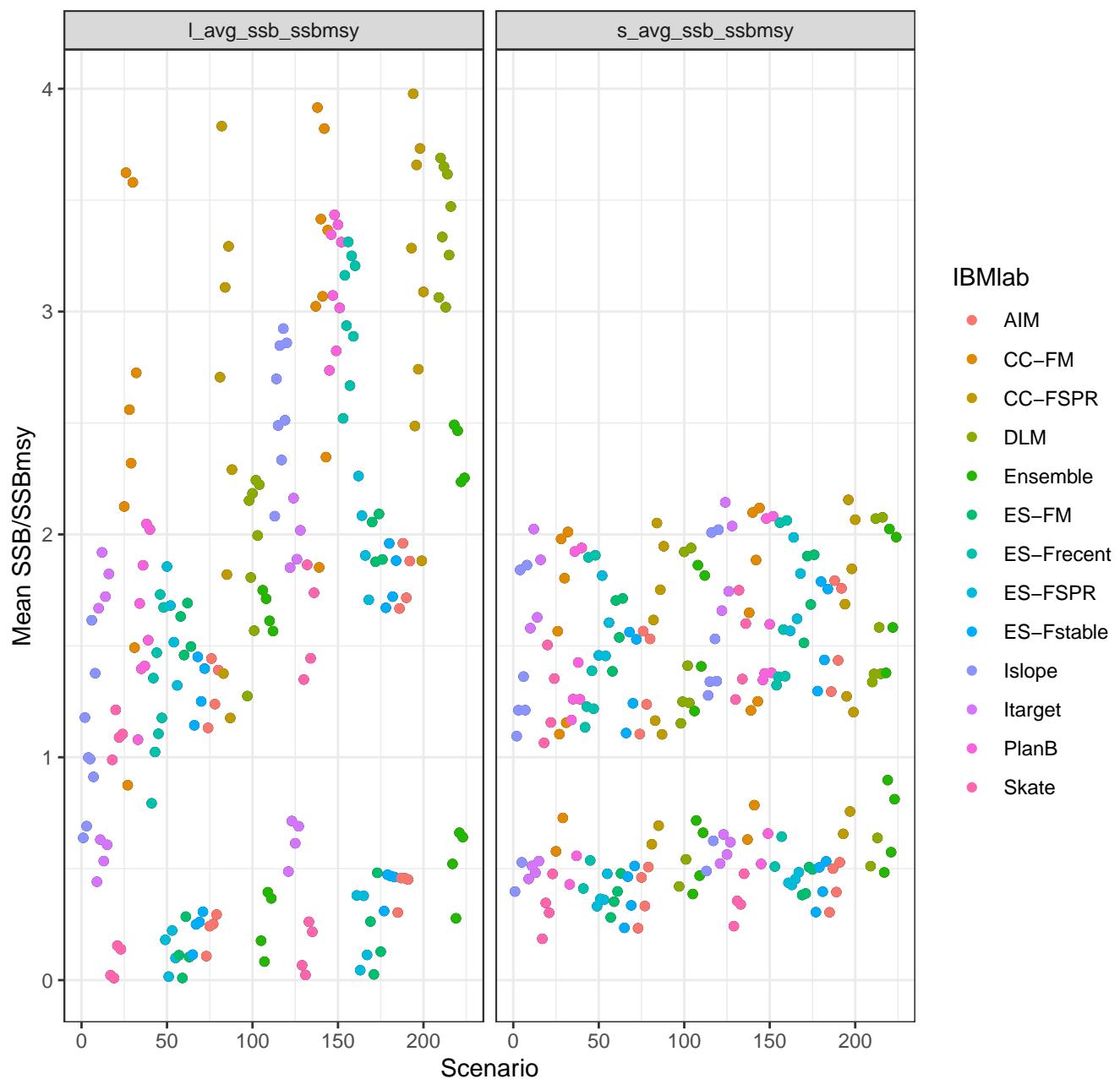
SSB



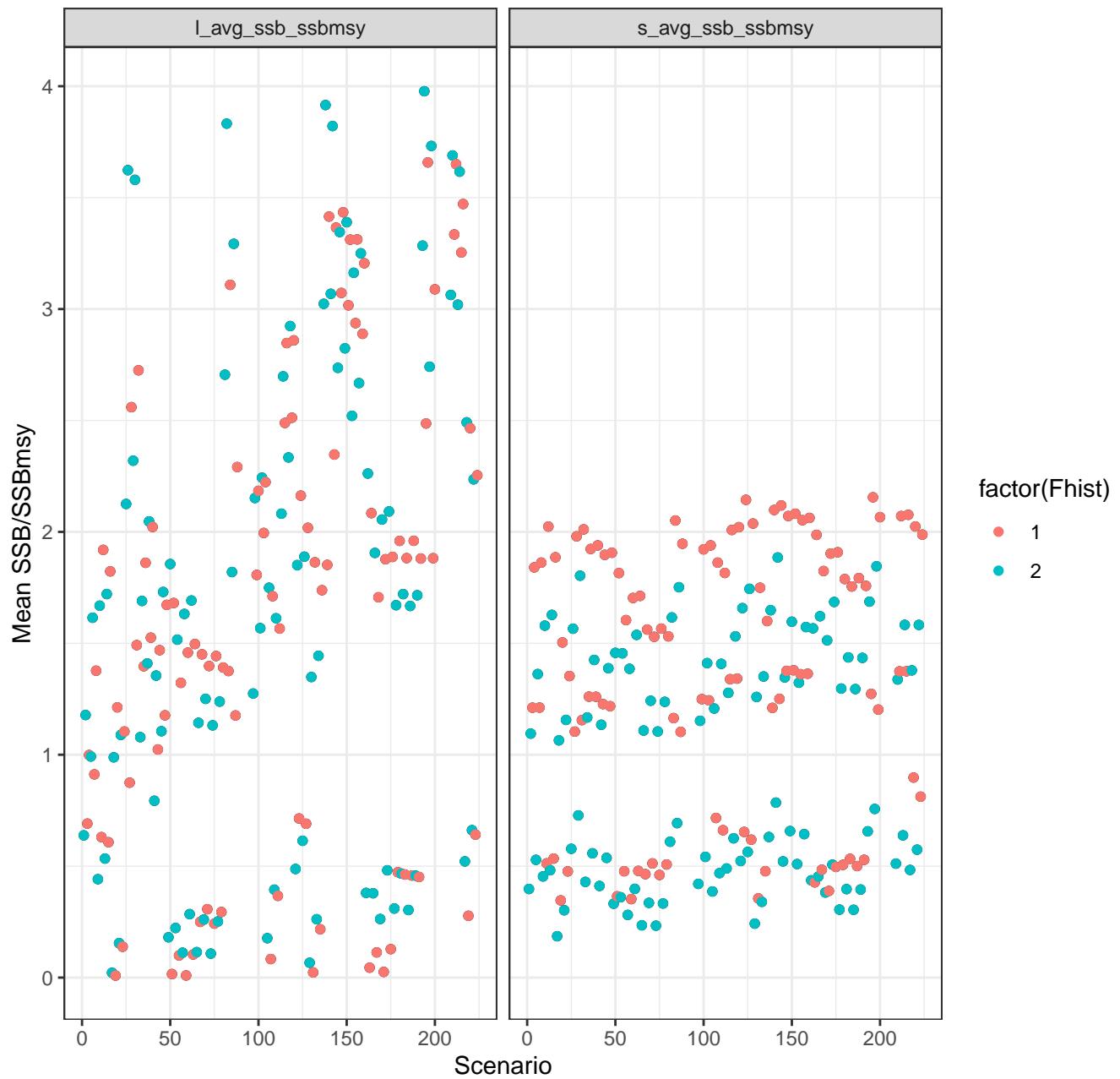
SSB



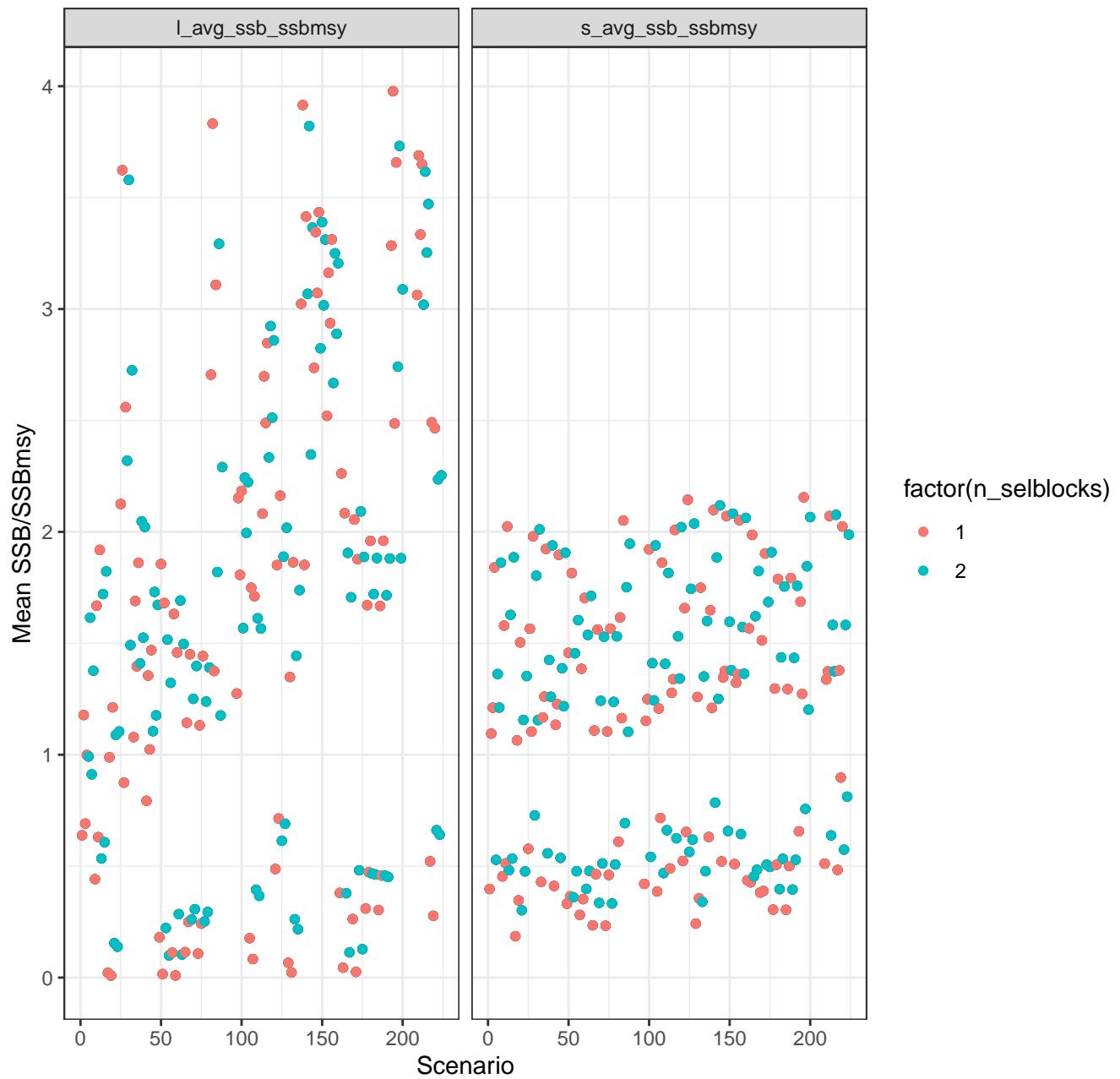
SSB



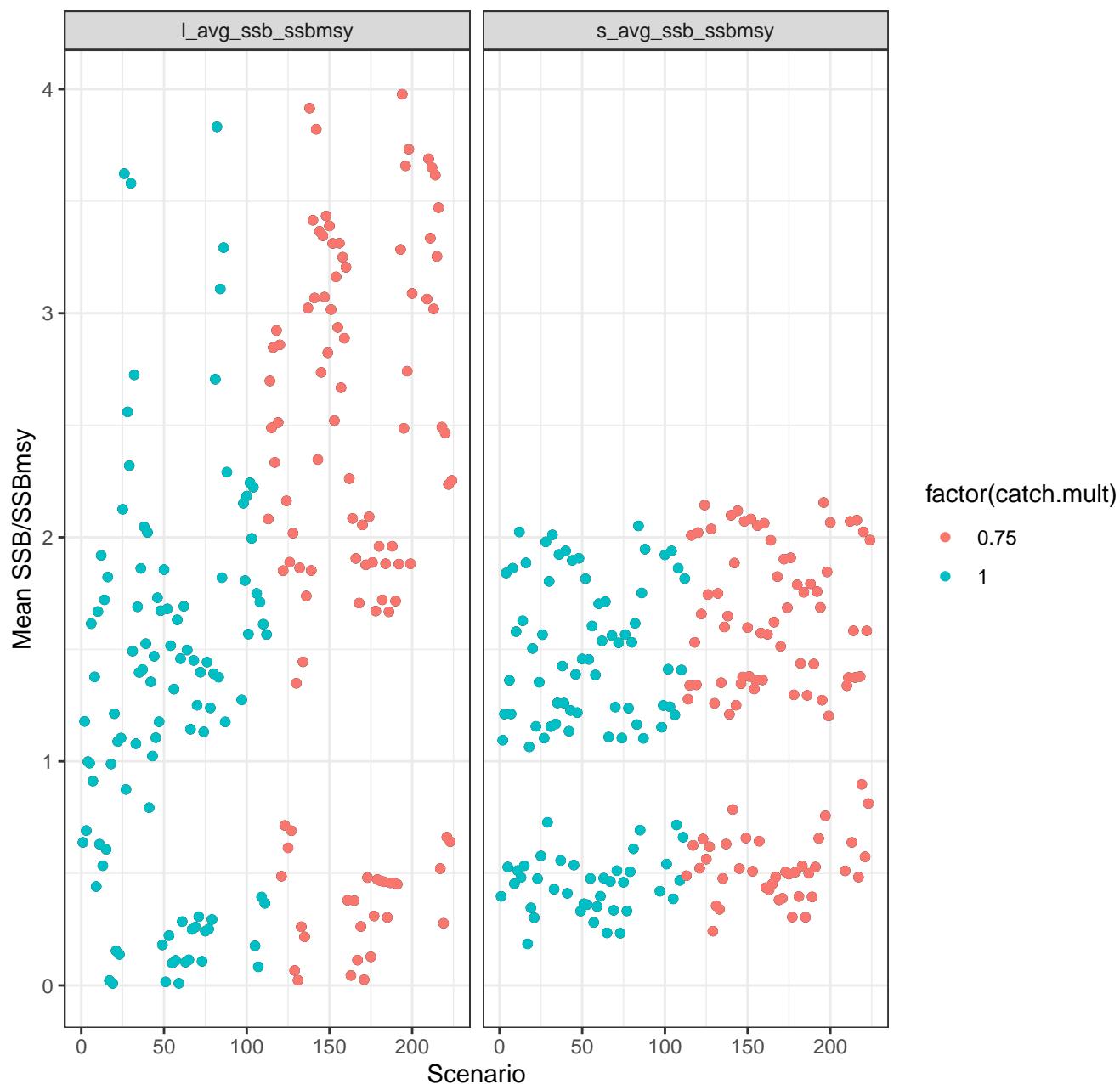
SSB



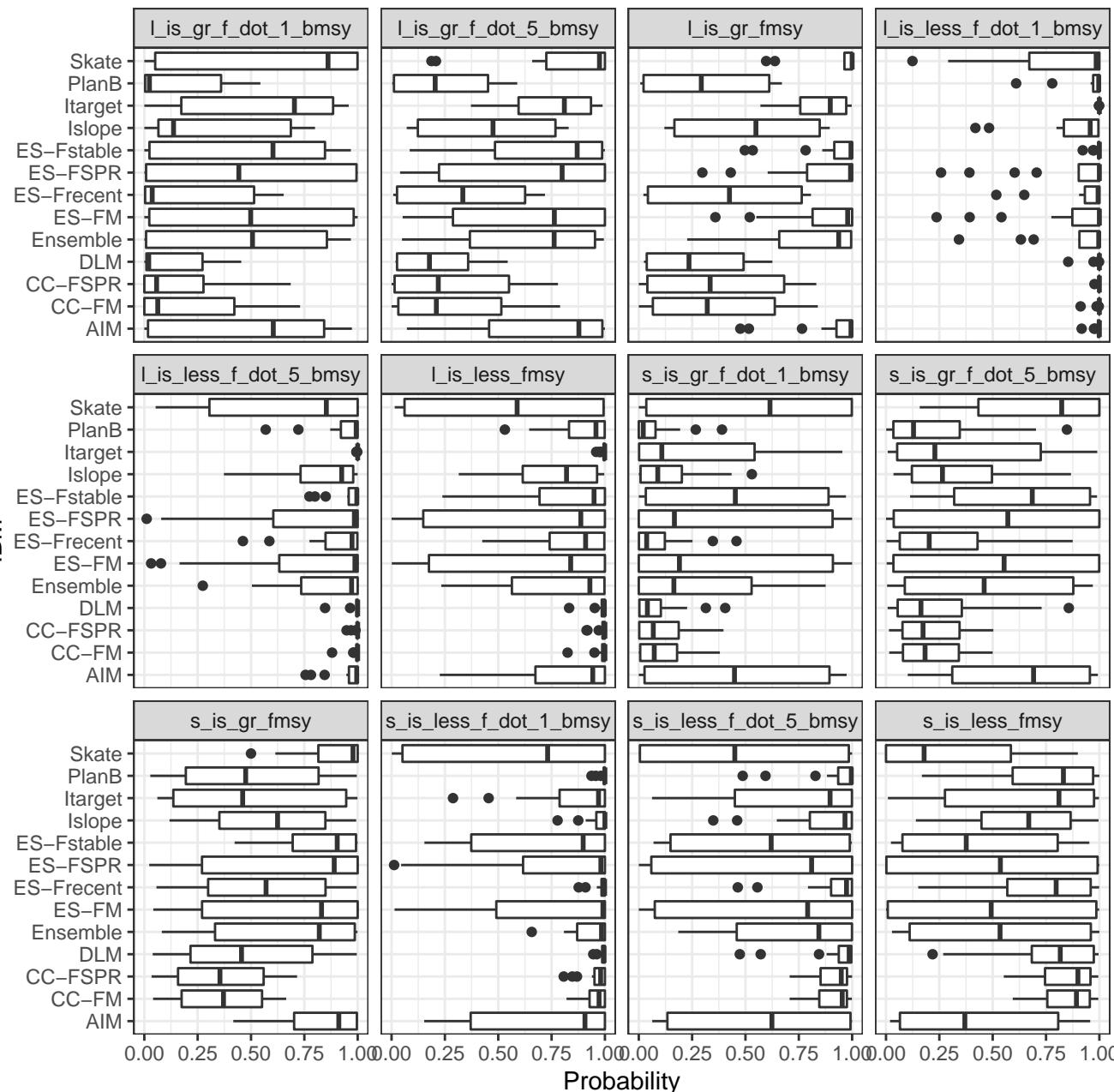
SSB



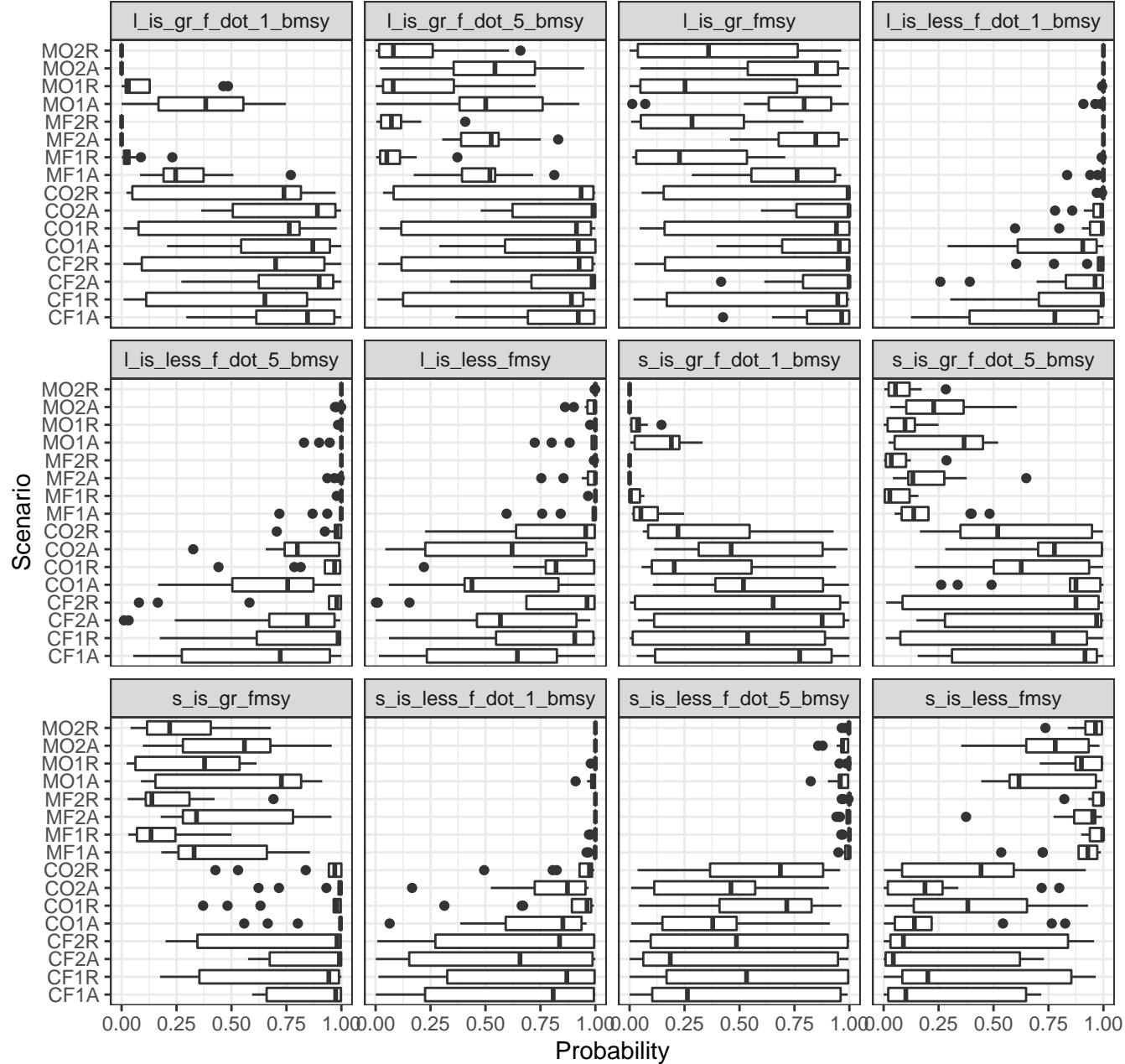
SSB



F

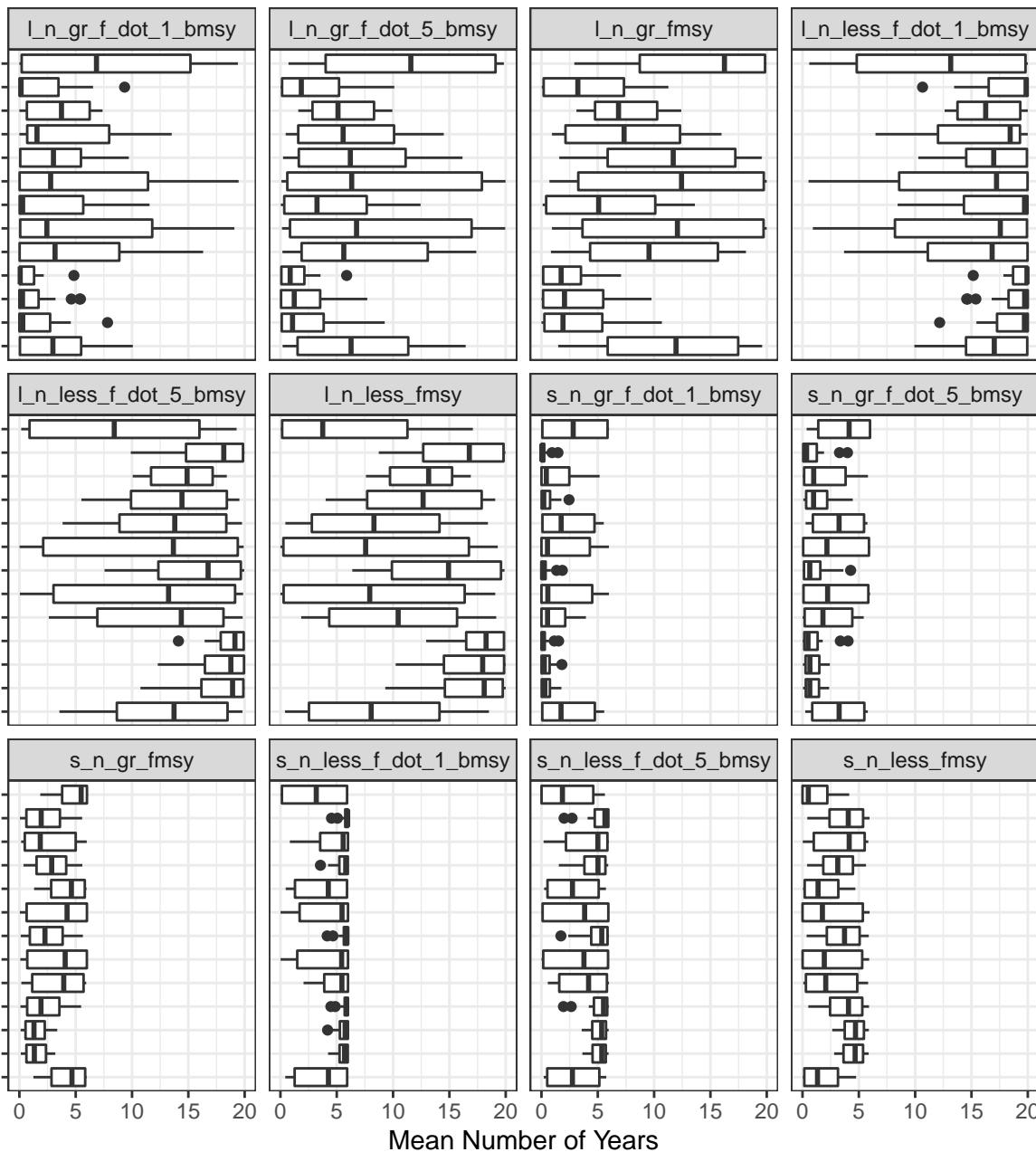


F



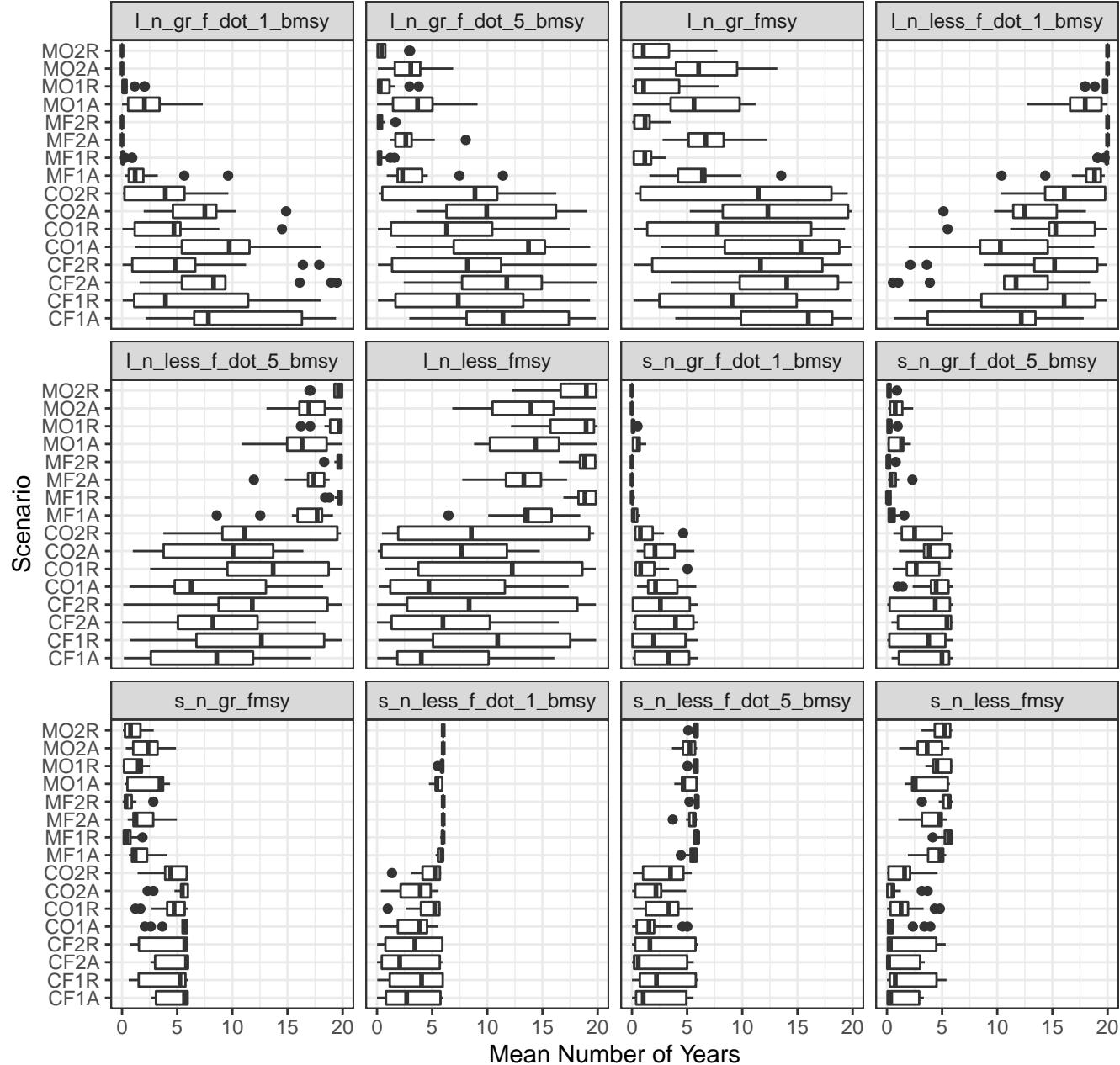
F

IBM



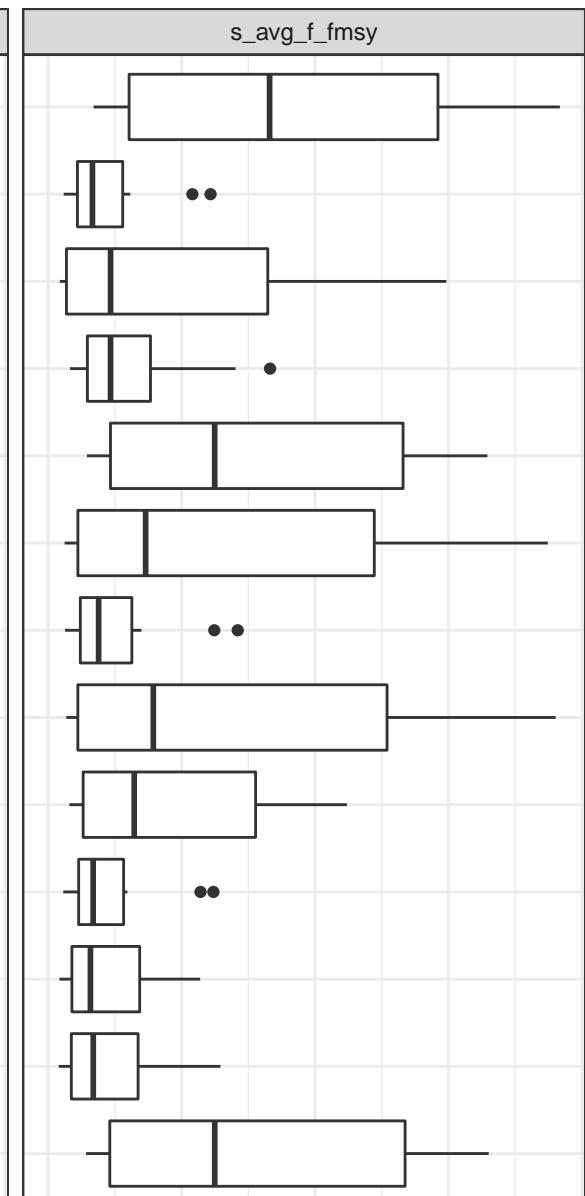
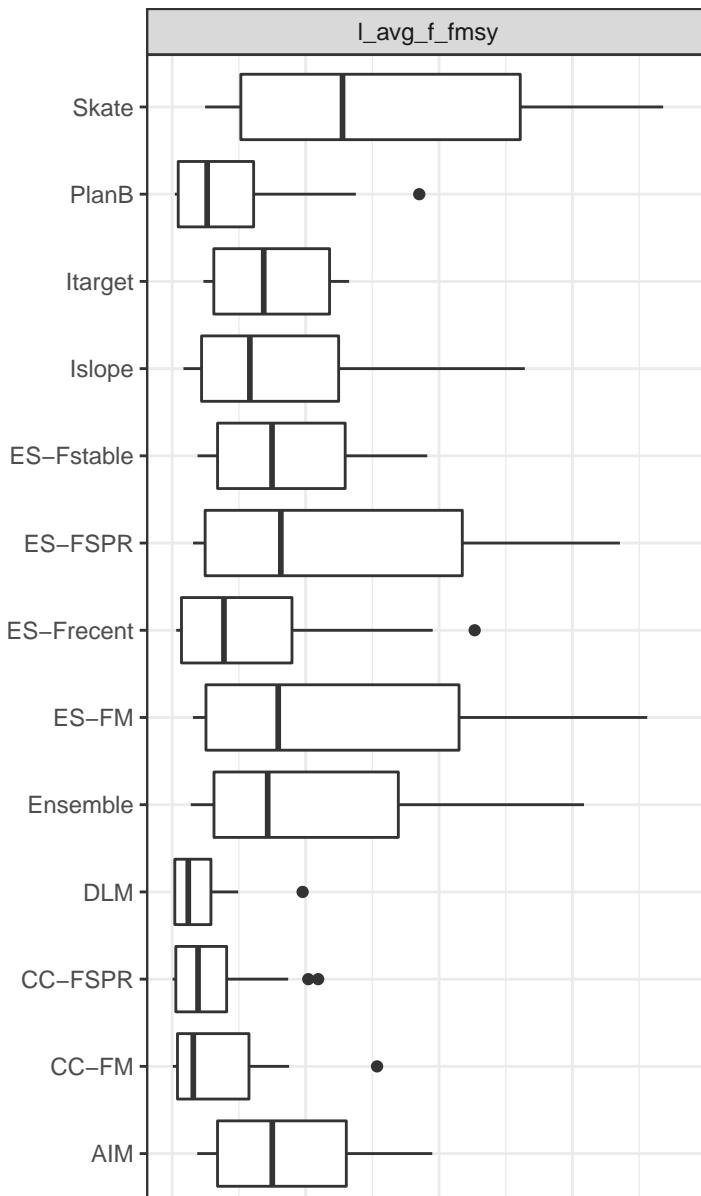
Mean Number of Years

F

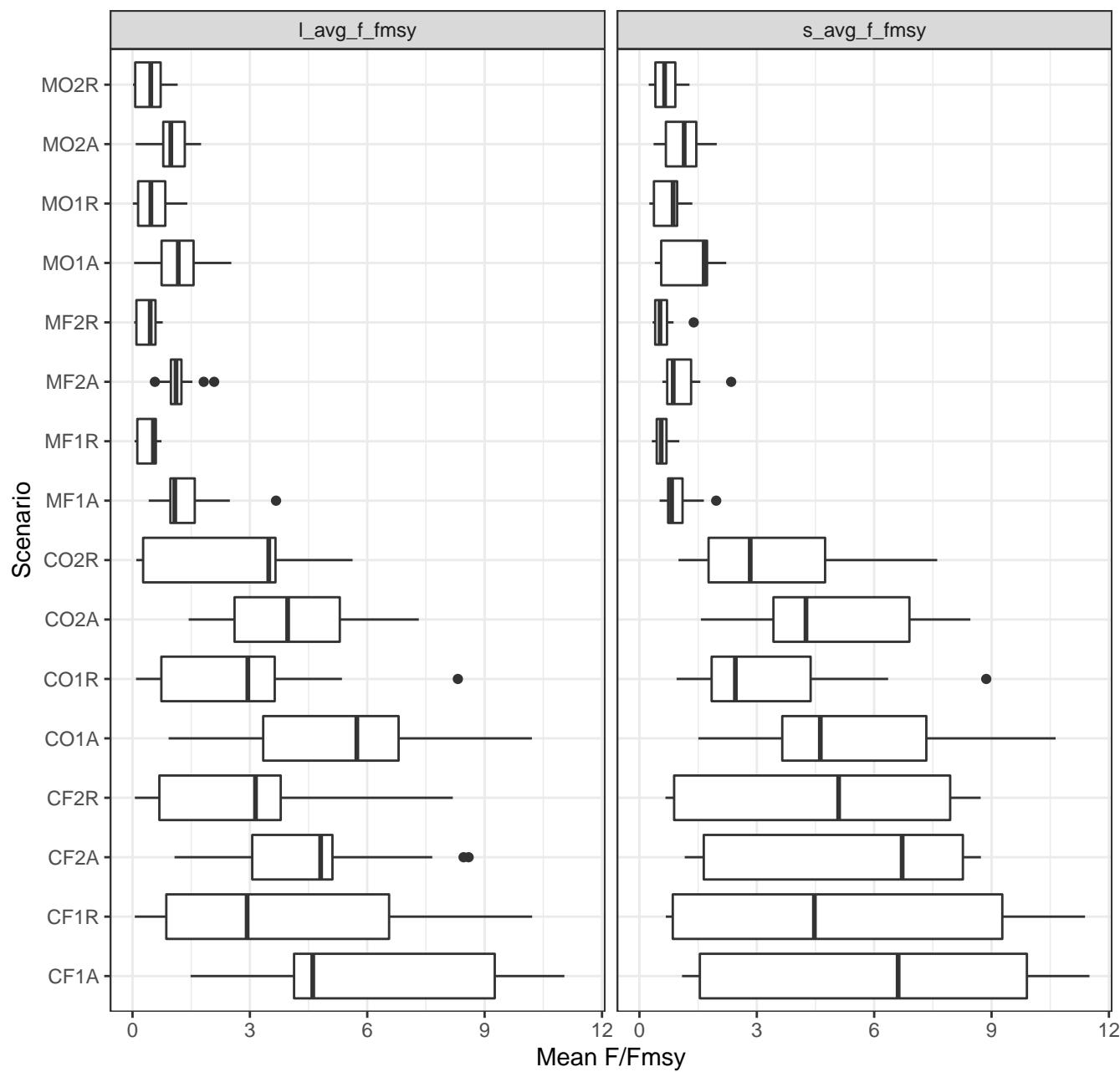


F

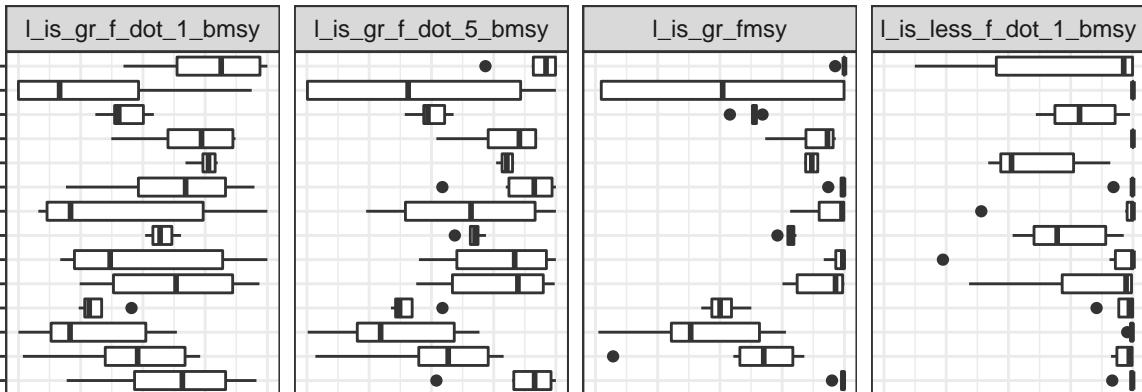
IBM

Mean F/F_{fmsy}

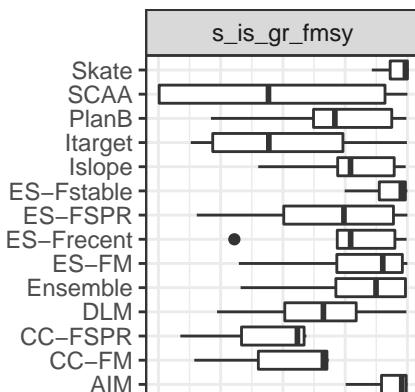
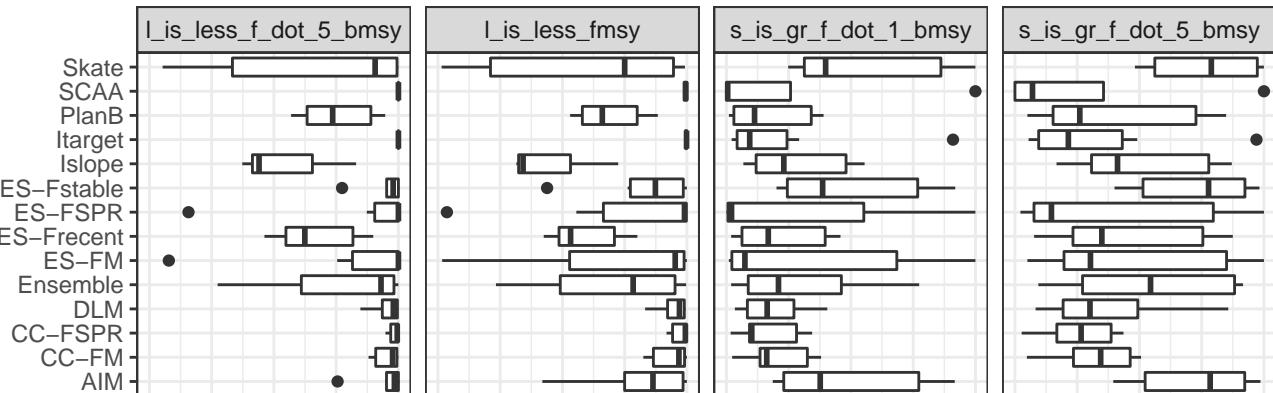
F



F (SCAA scenarios)

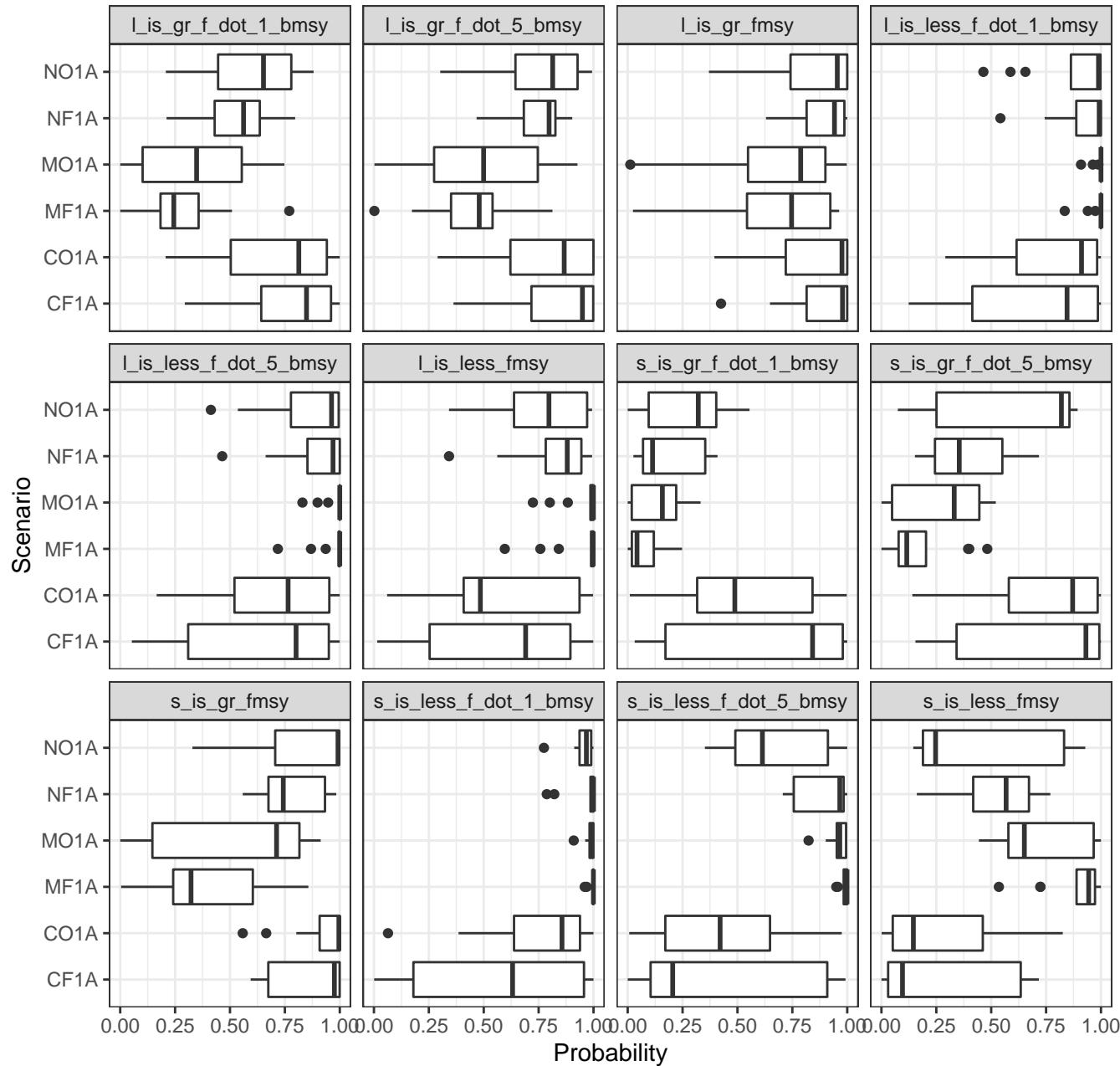


IBM



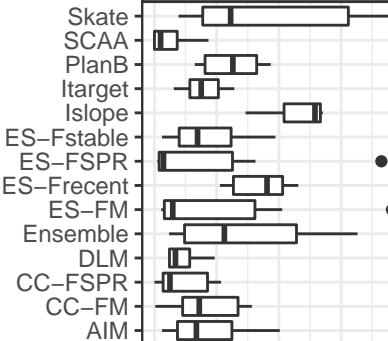
0.00 0.25 0.50 0.75 1.00
Probability

F (SCAA scenarios)

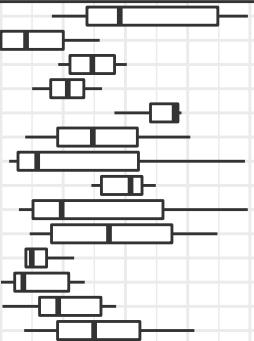


F (SCAA scenarios)

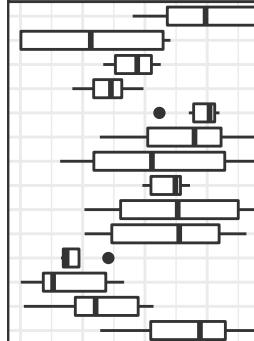
I_n_gr_f_dot_1_bmsy



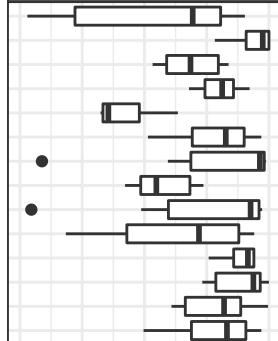
I_n_gr_f_dot_5_bmsy



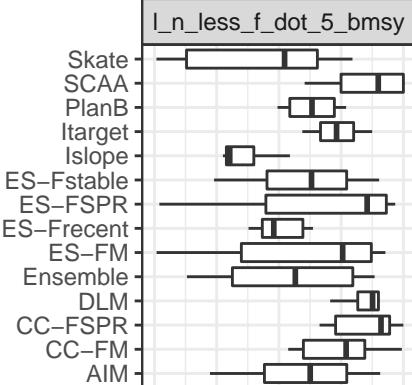
I_n_gr_fmsy



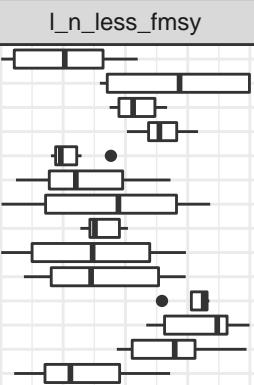
I_n_less_f_dot_1_bmsy



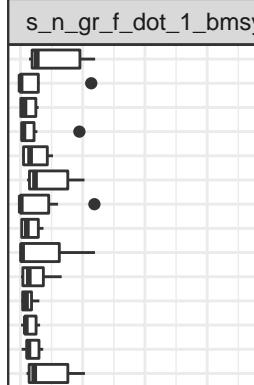
I_n_less_f_dot_5_bmsy



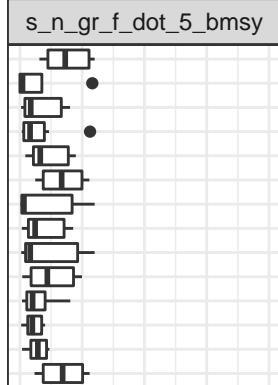
I_n_less_fmsy



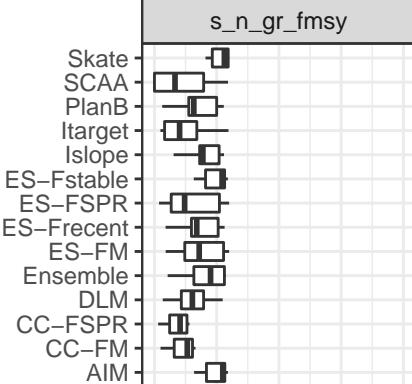
s_n_gr_f_dot_1_bmsy



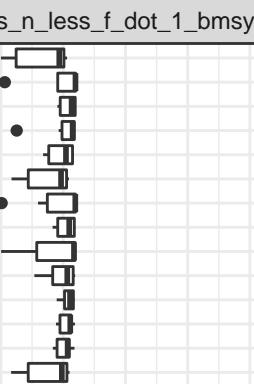
s_n_gr_f_dot_5_bmsy



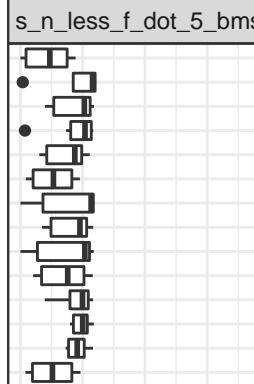
s_n_gr_fmsy



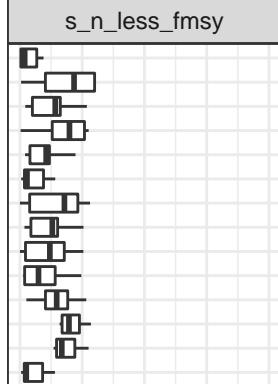
s_n_less_f_dot_1_bmsy



s_n_less_f_dot_5_bmsy

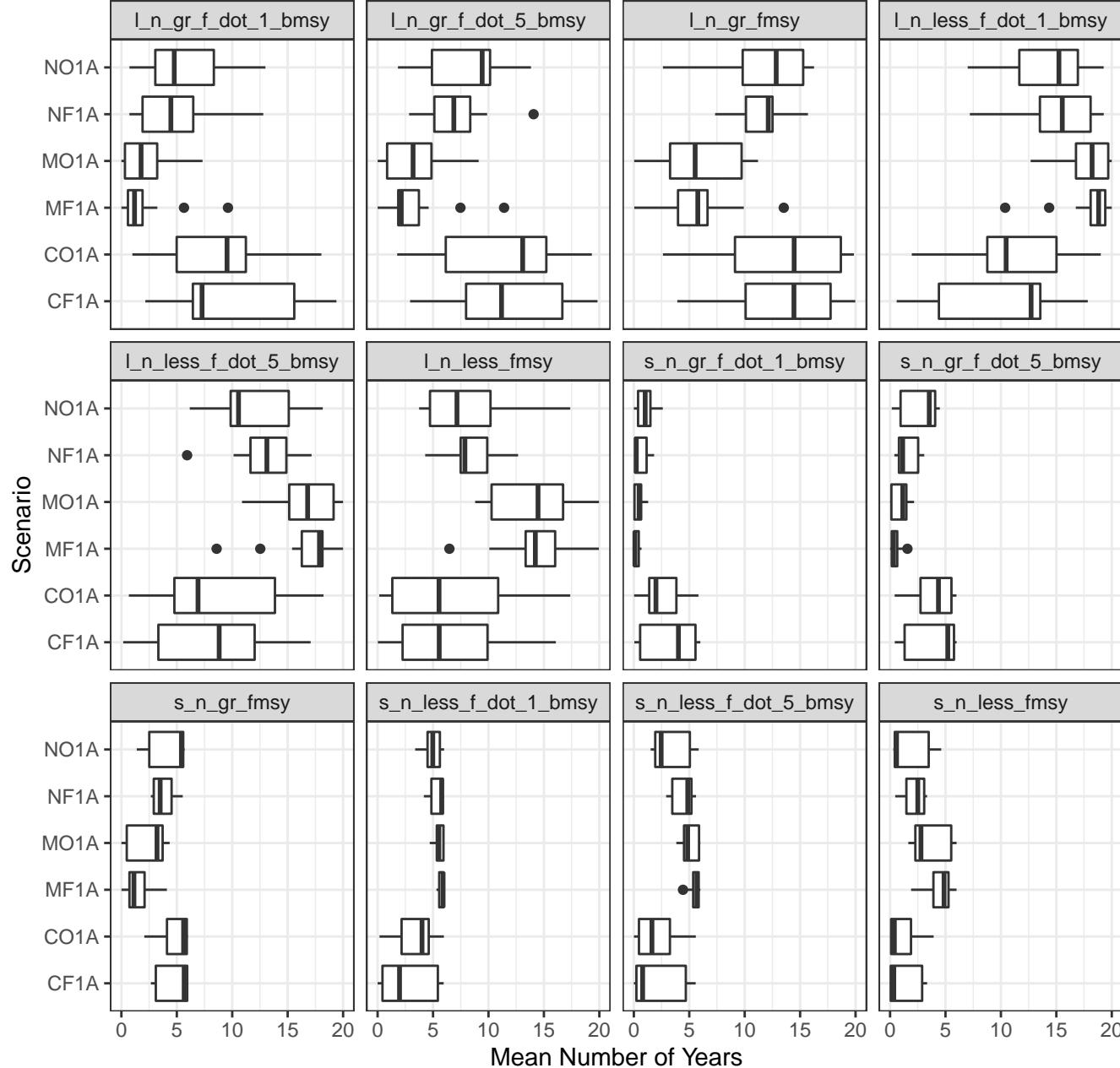


s_n_less_fmsy

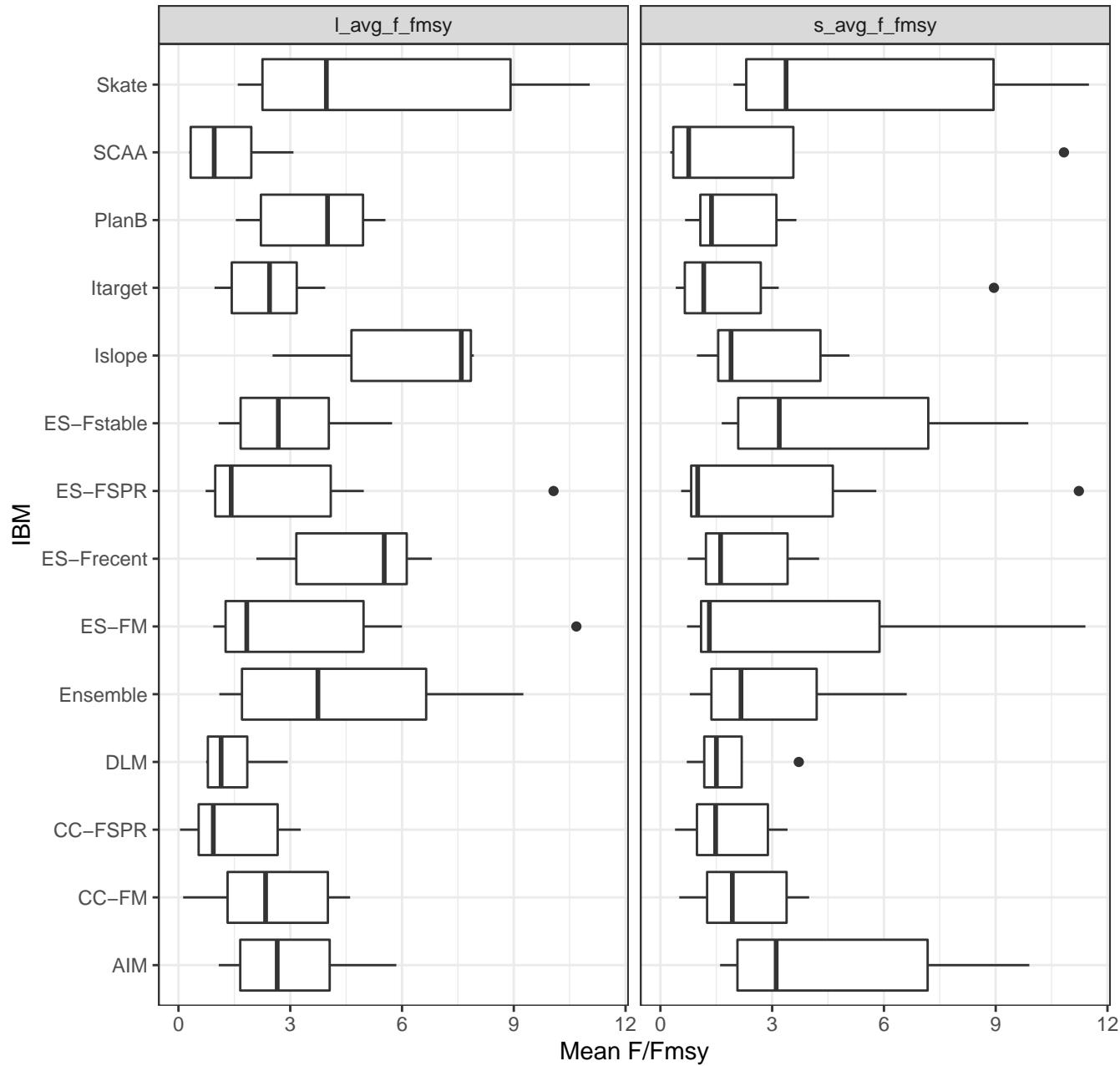


Mean Number of Years

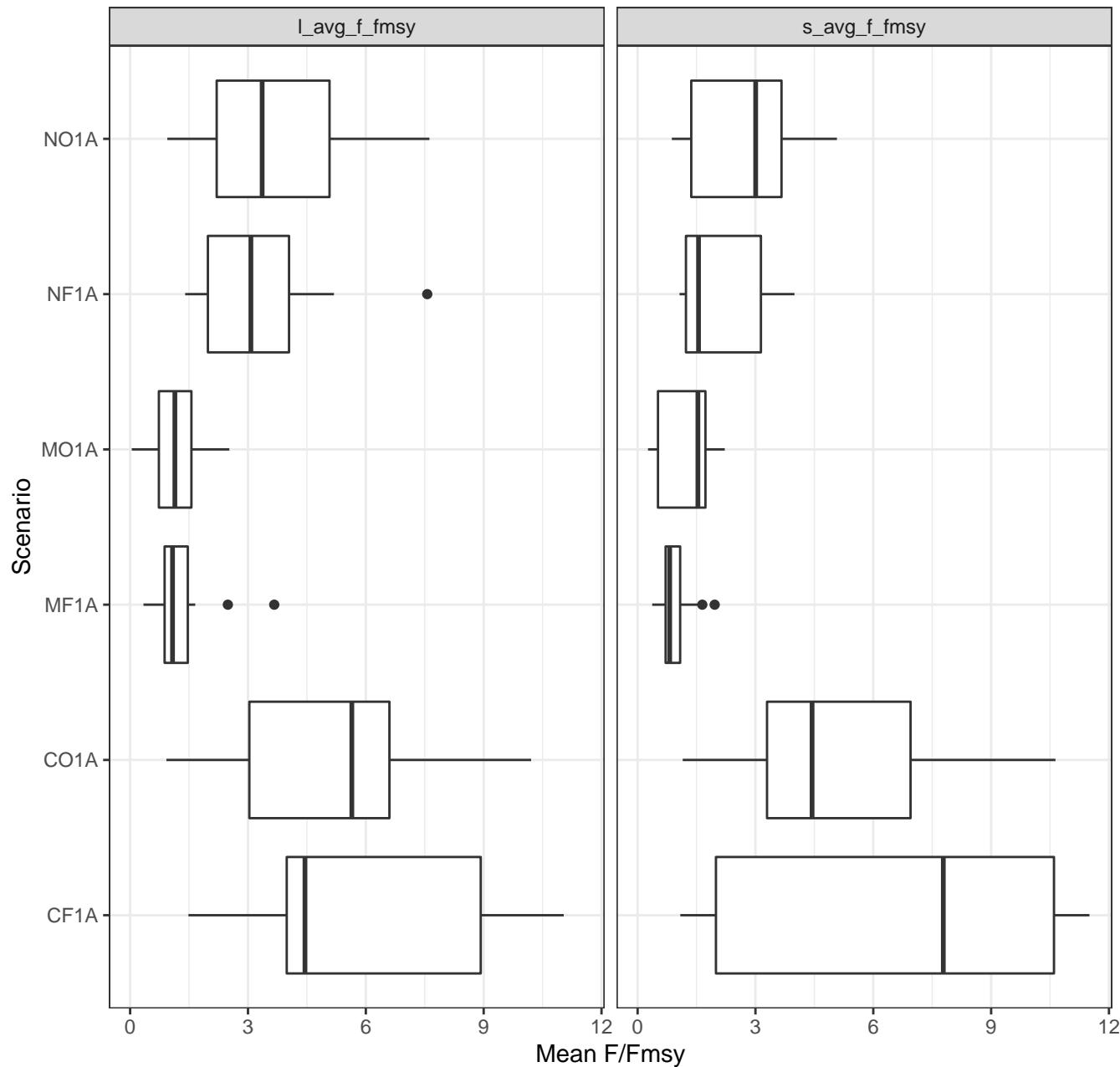
F (SCAA scenarios)



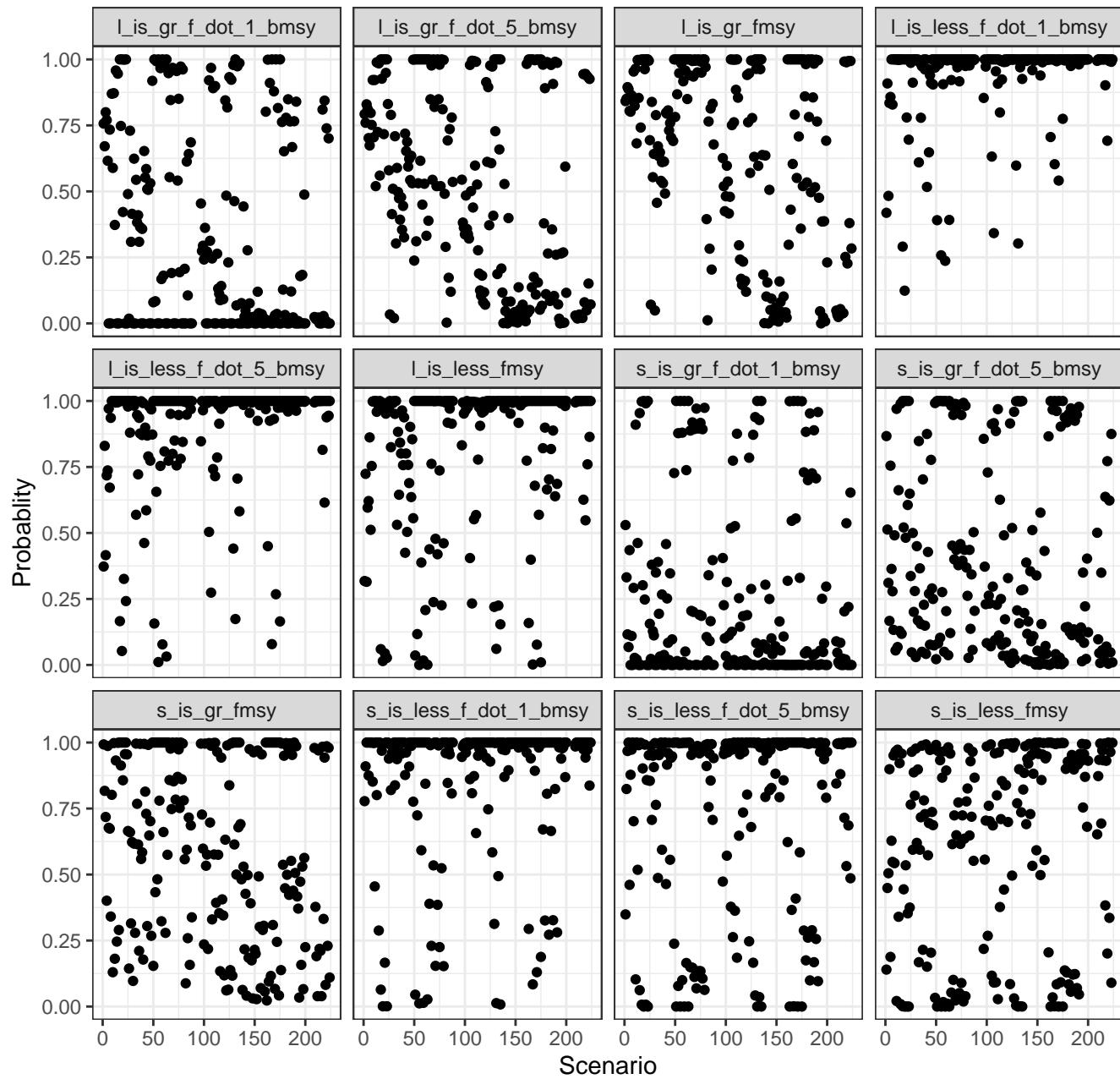
F (SCAA scenarios)



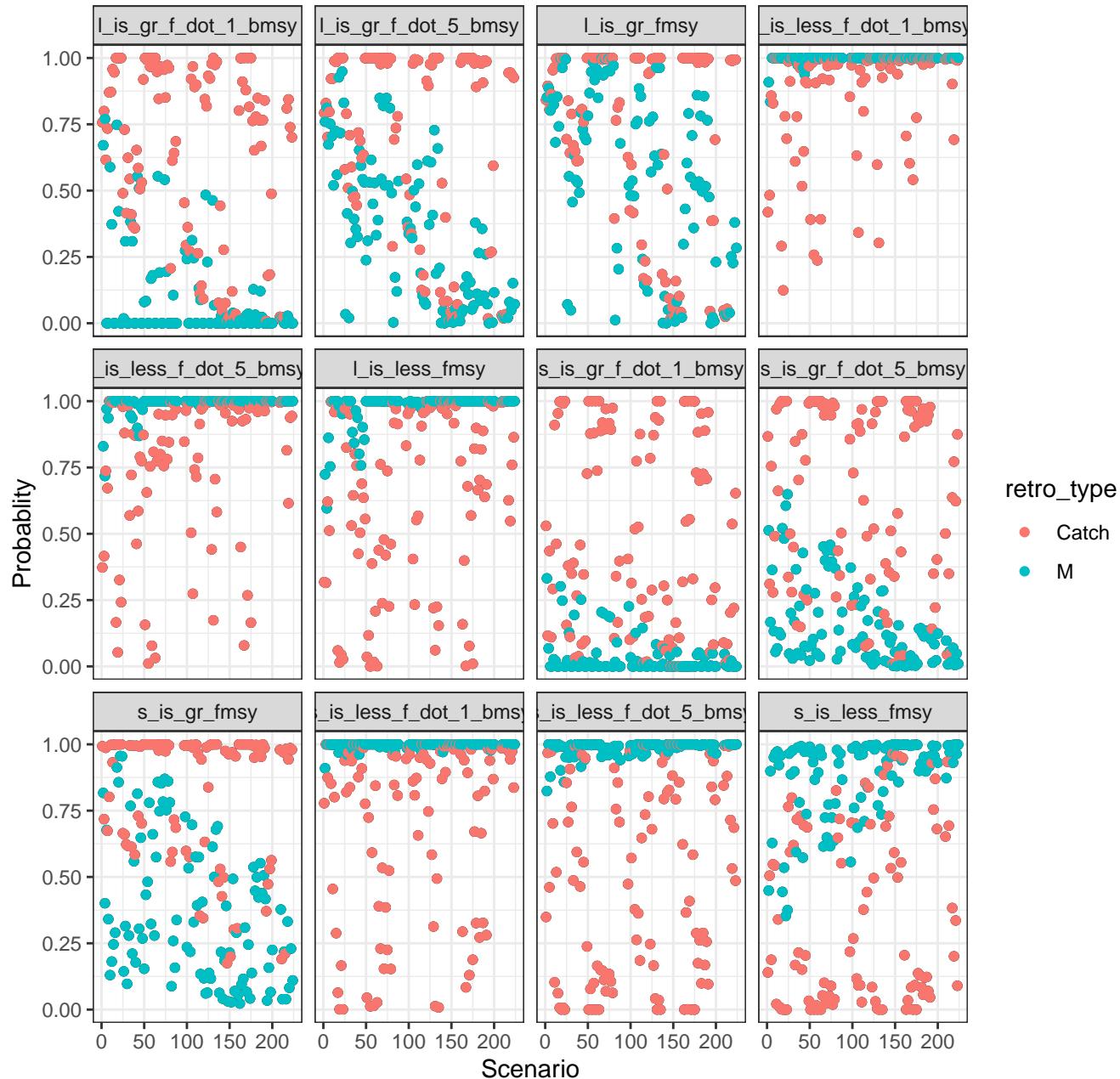
F (SCAA scenarios)



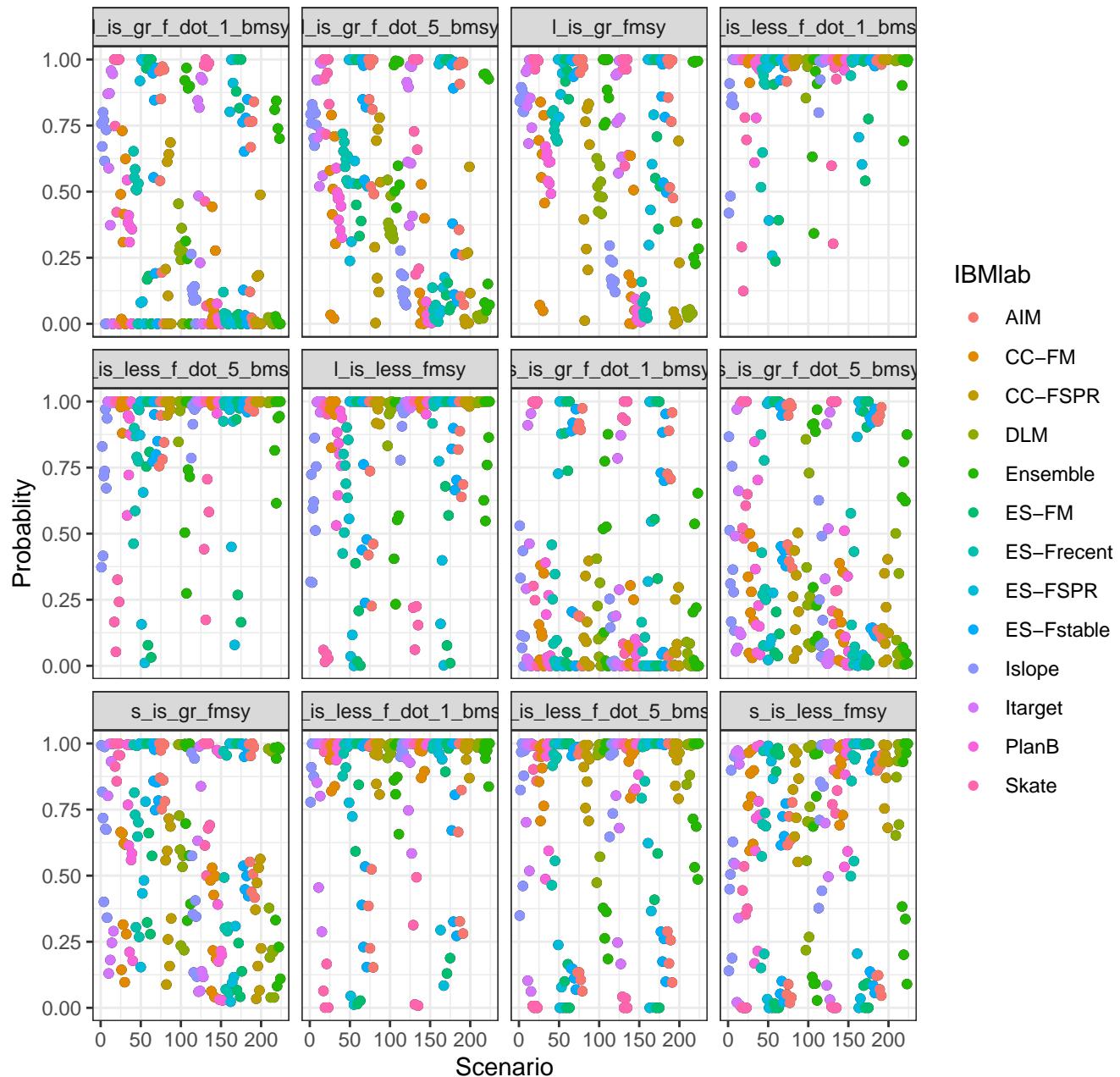
F



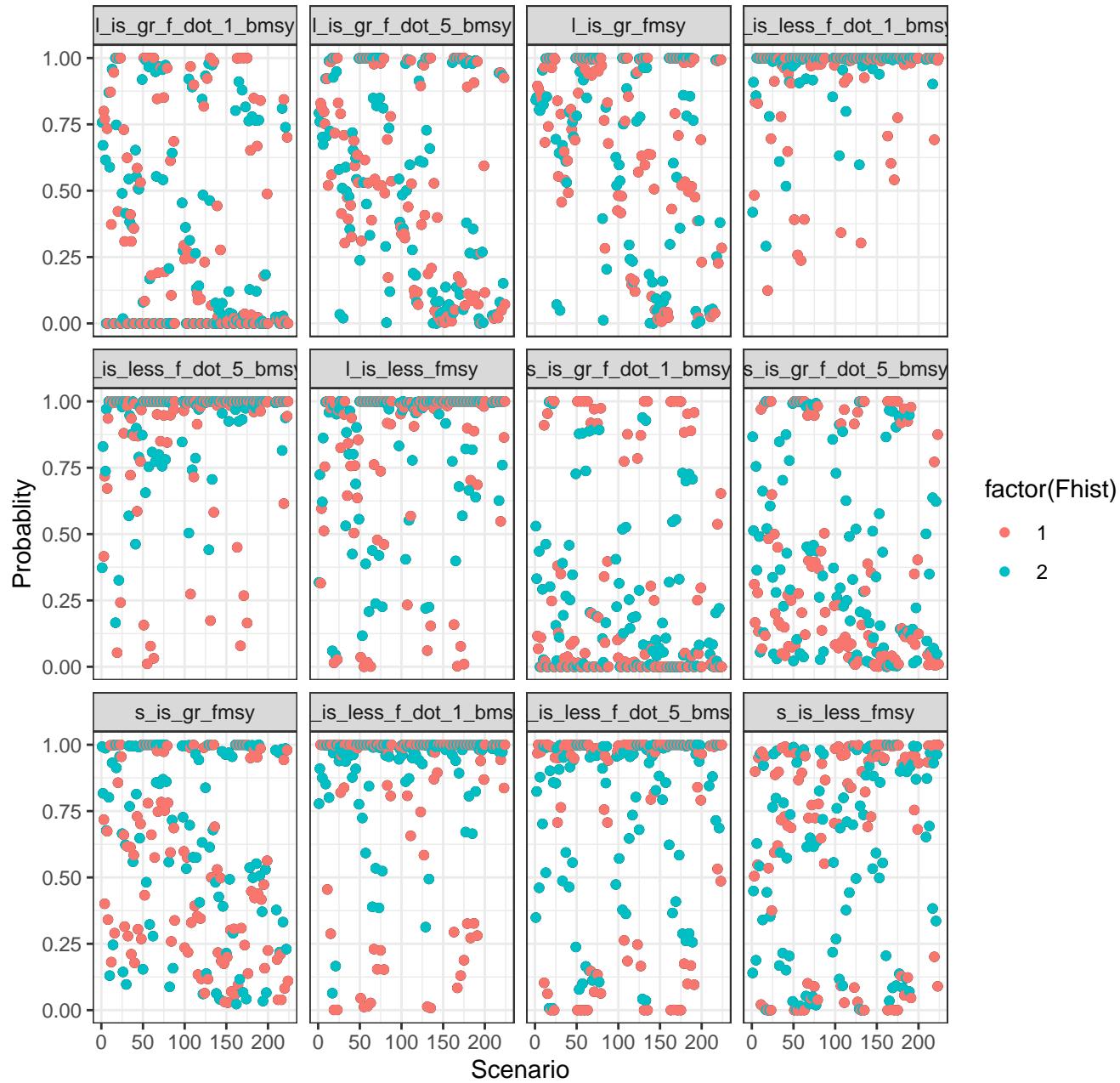
F



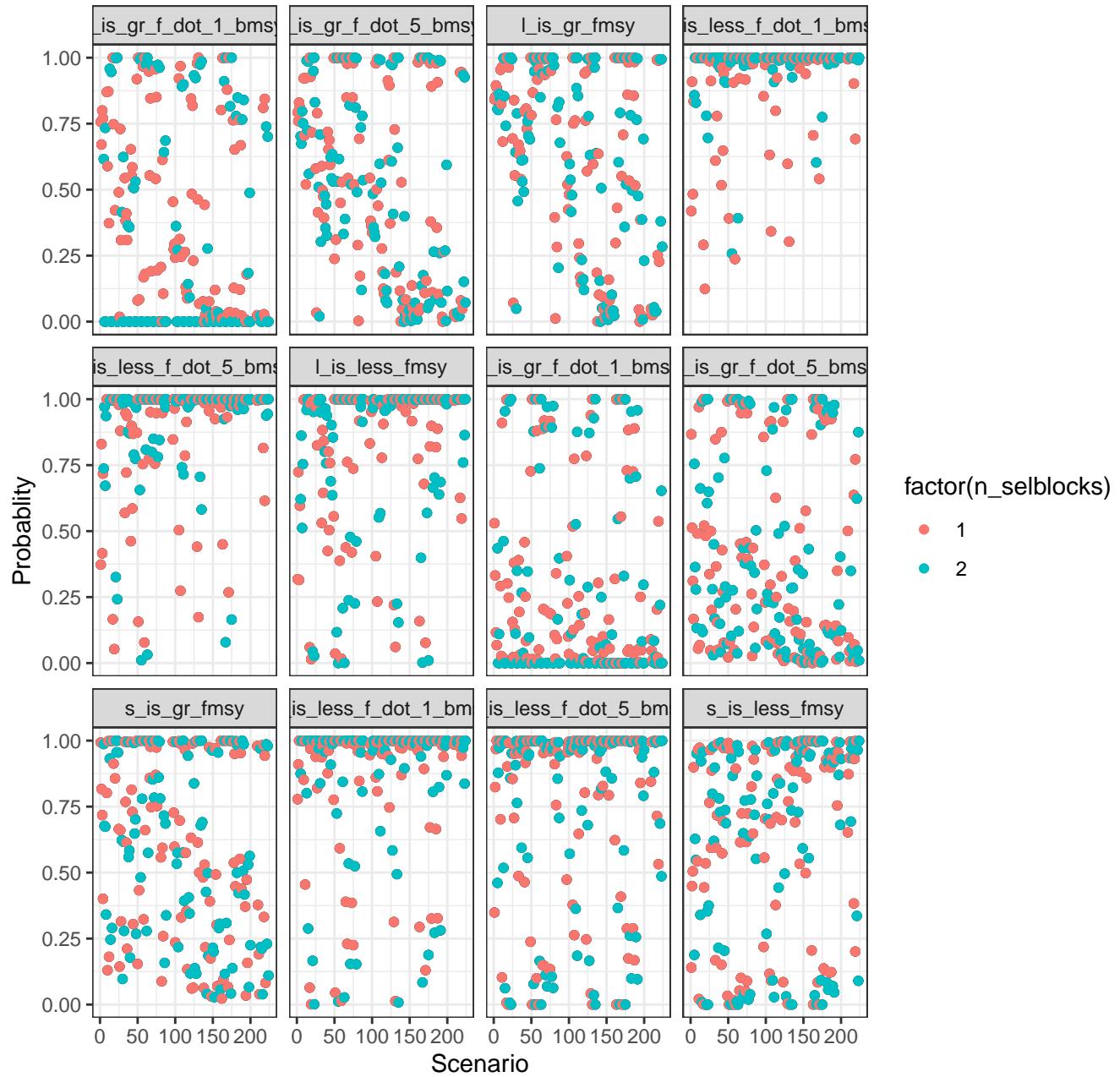
F



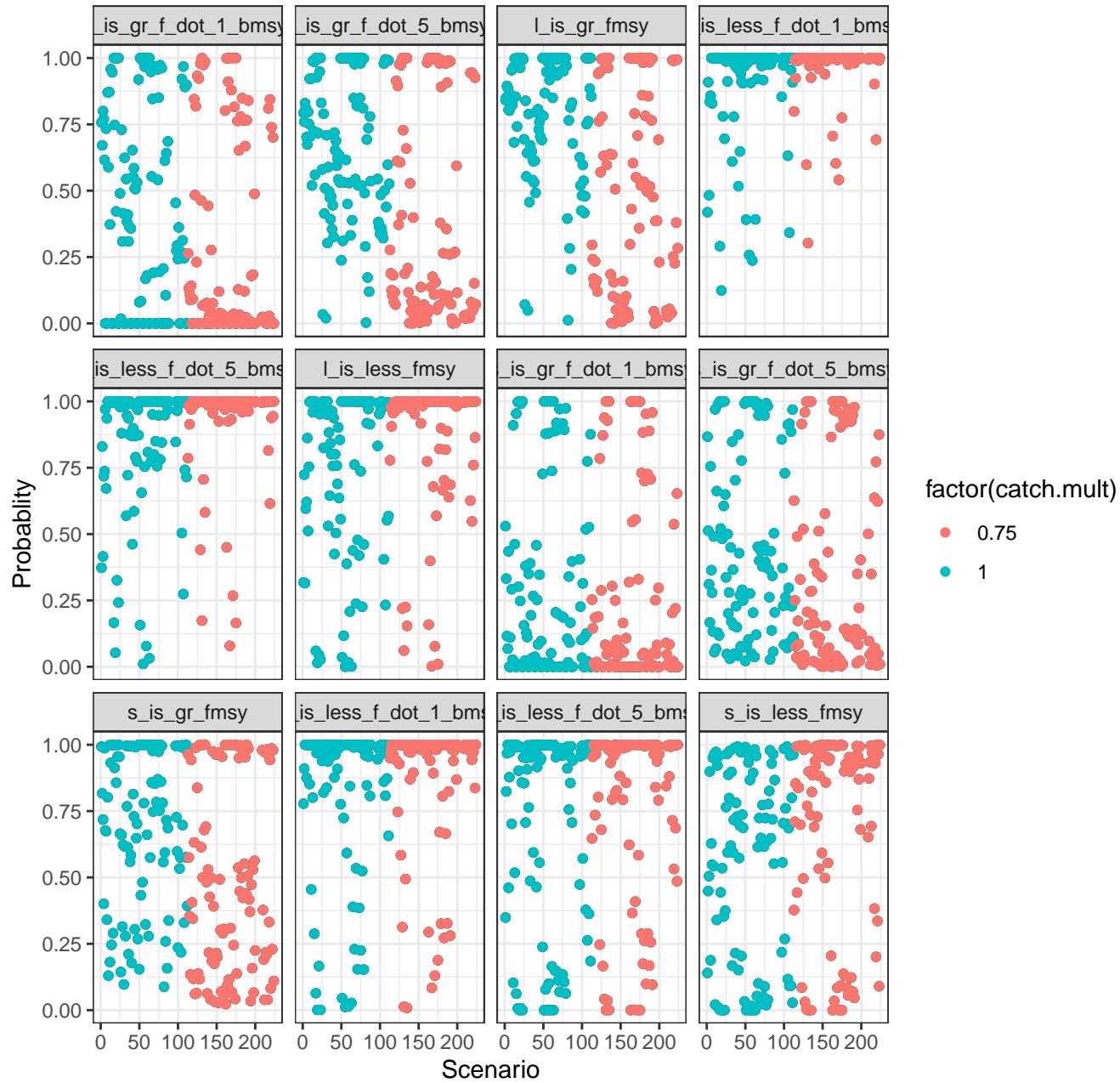
F



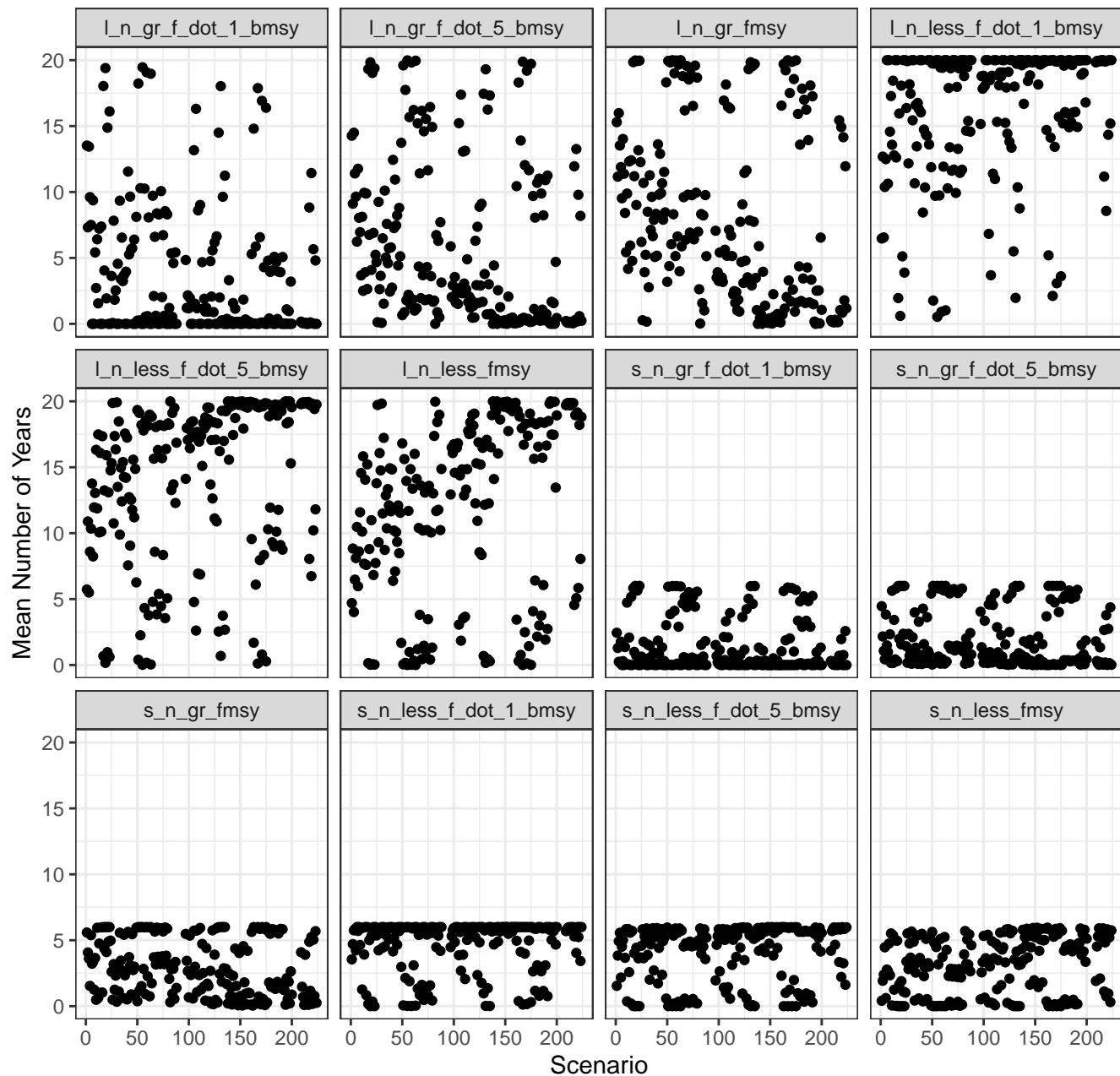
F



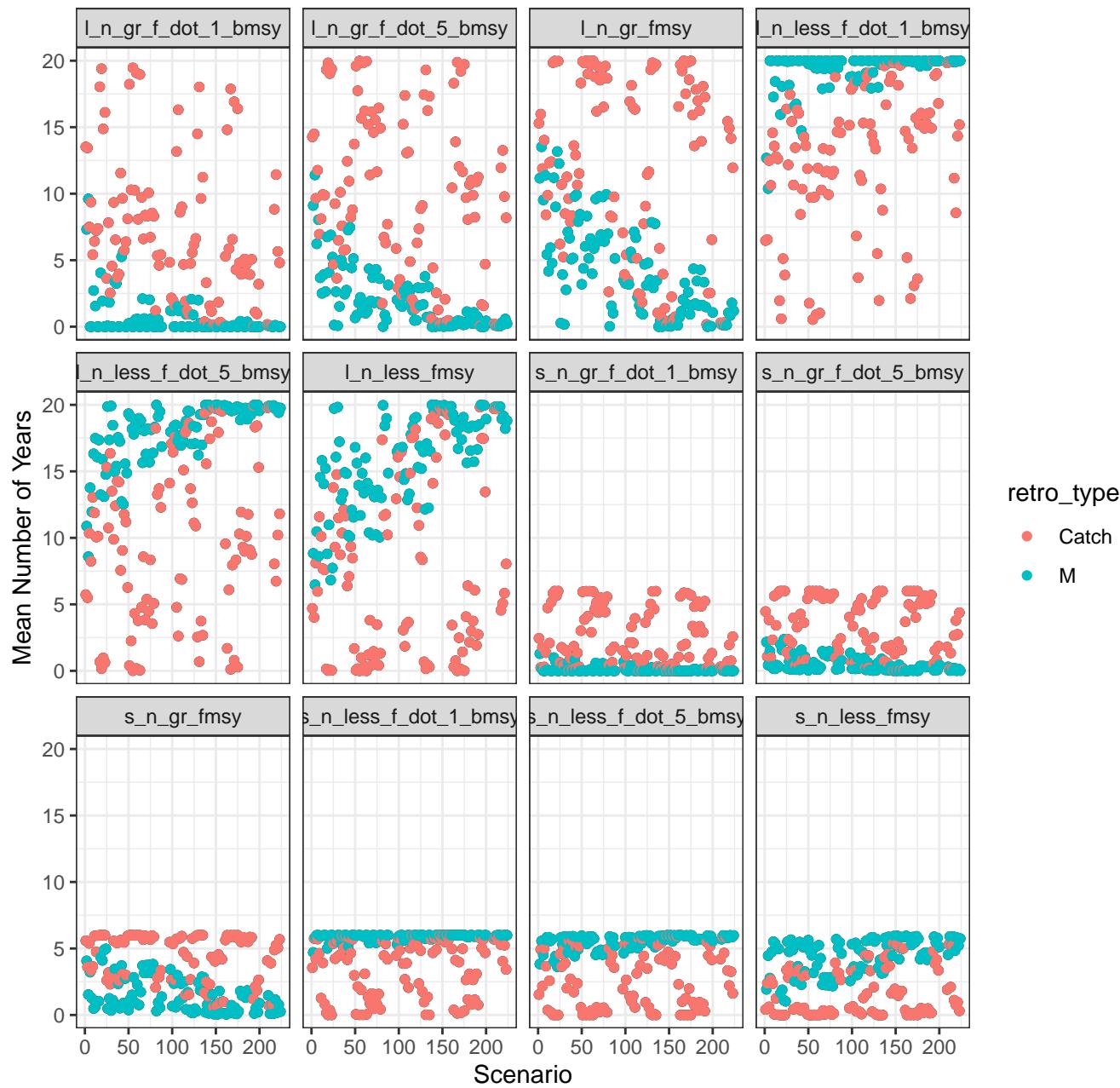
F



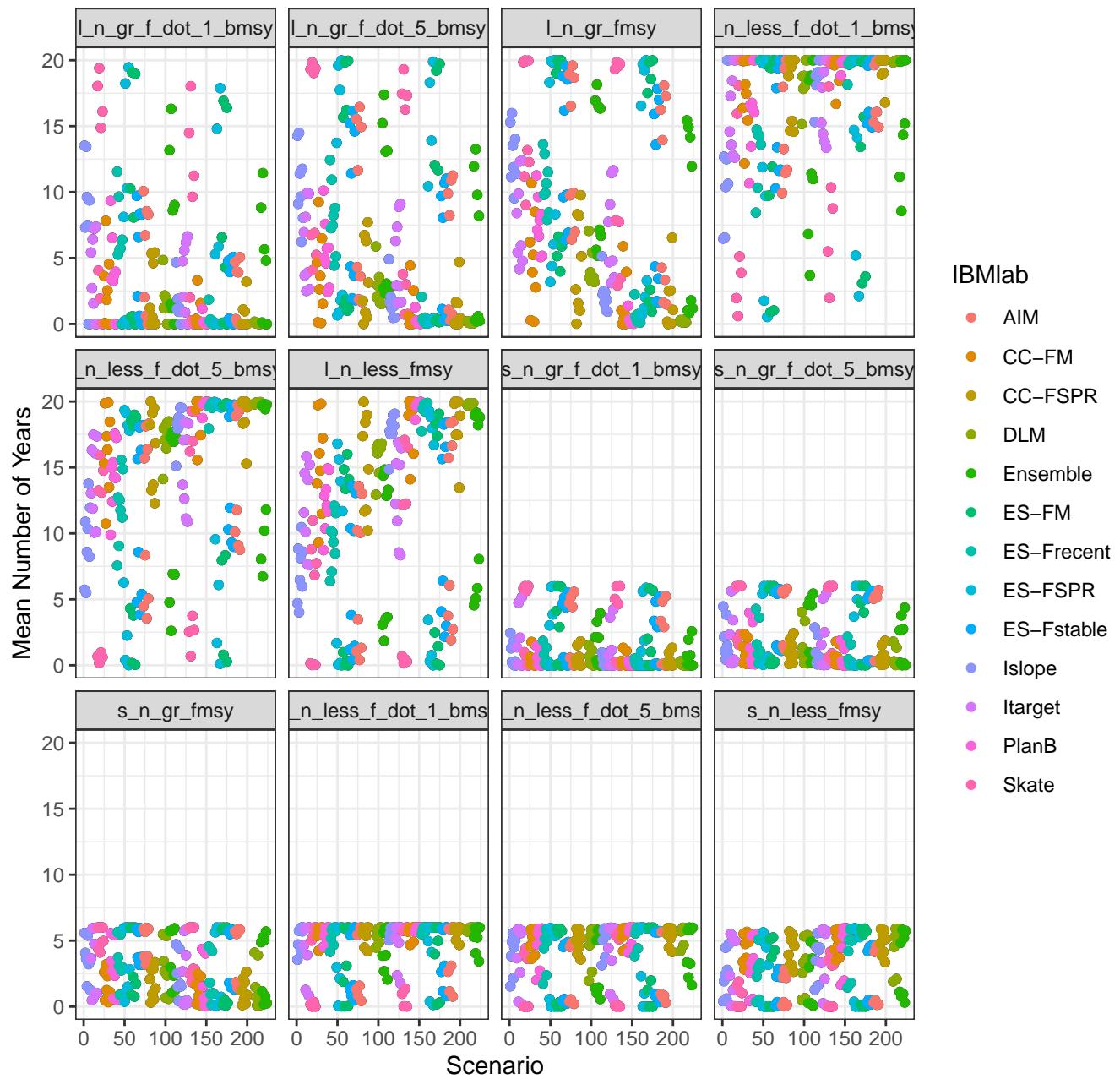
F



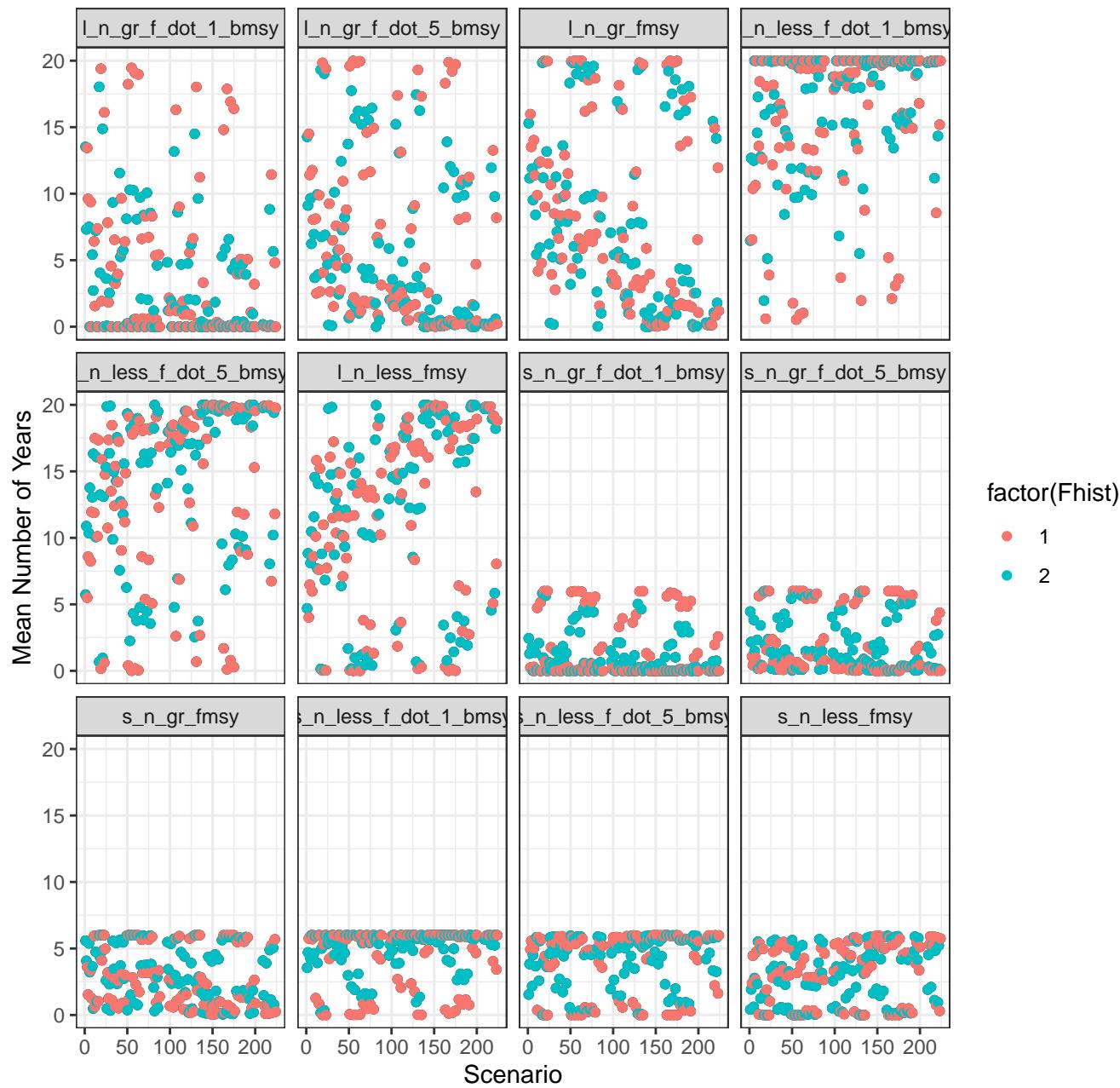
F



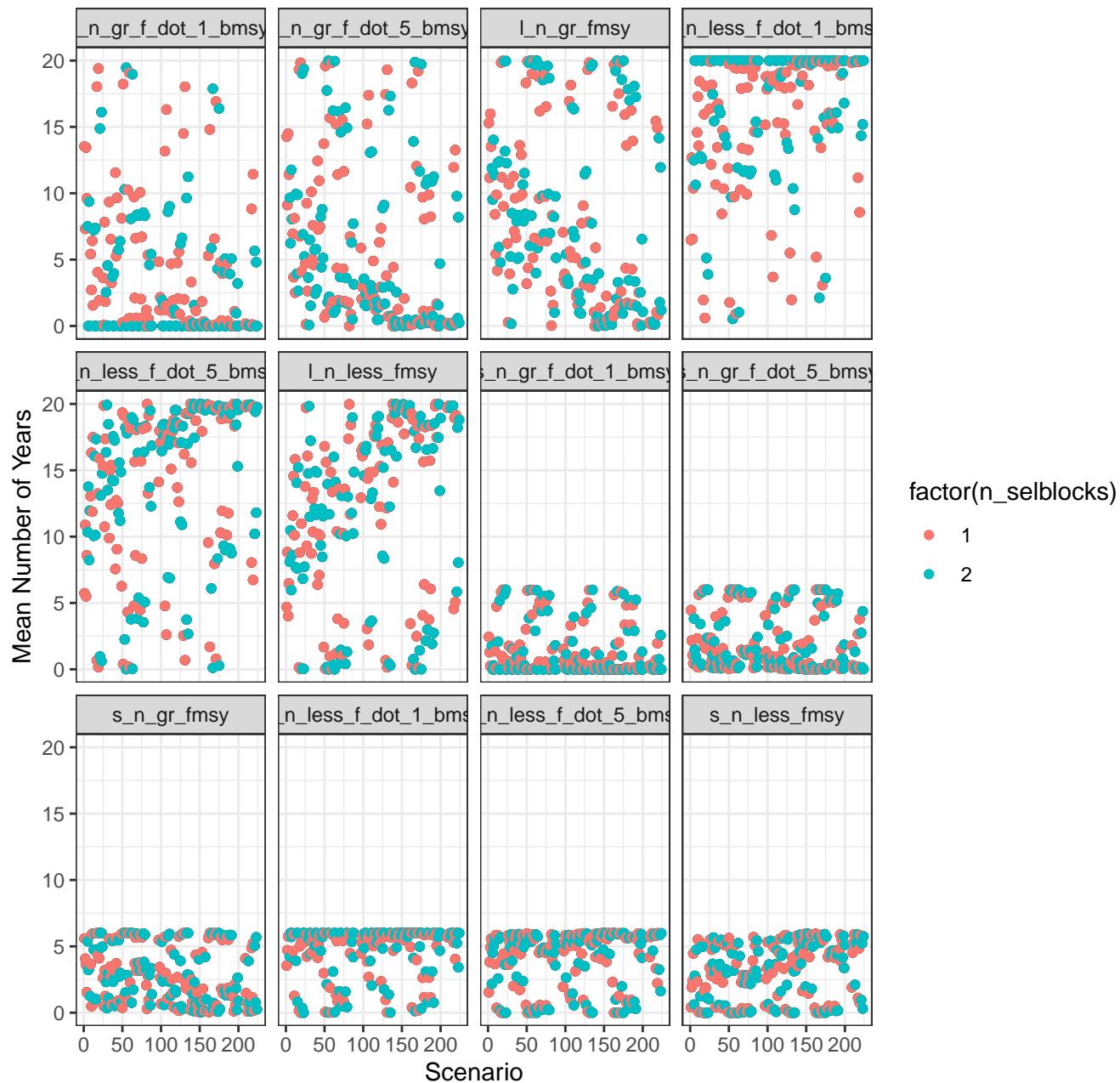
F



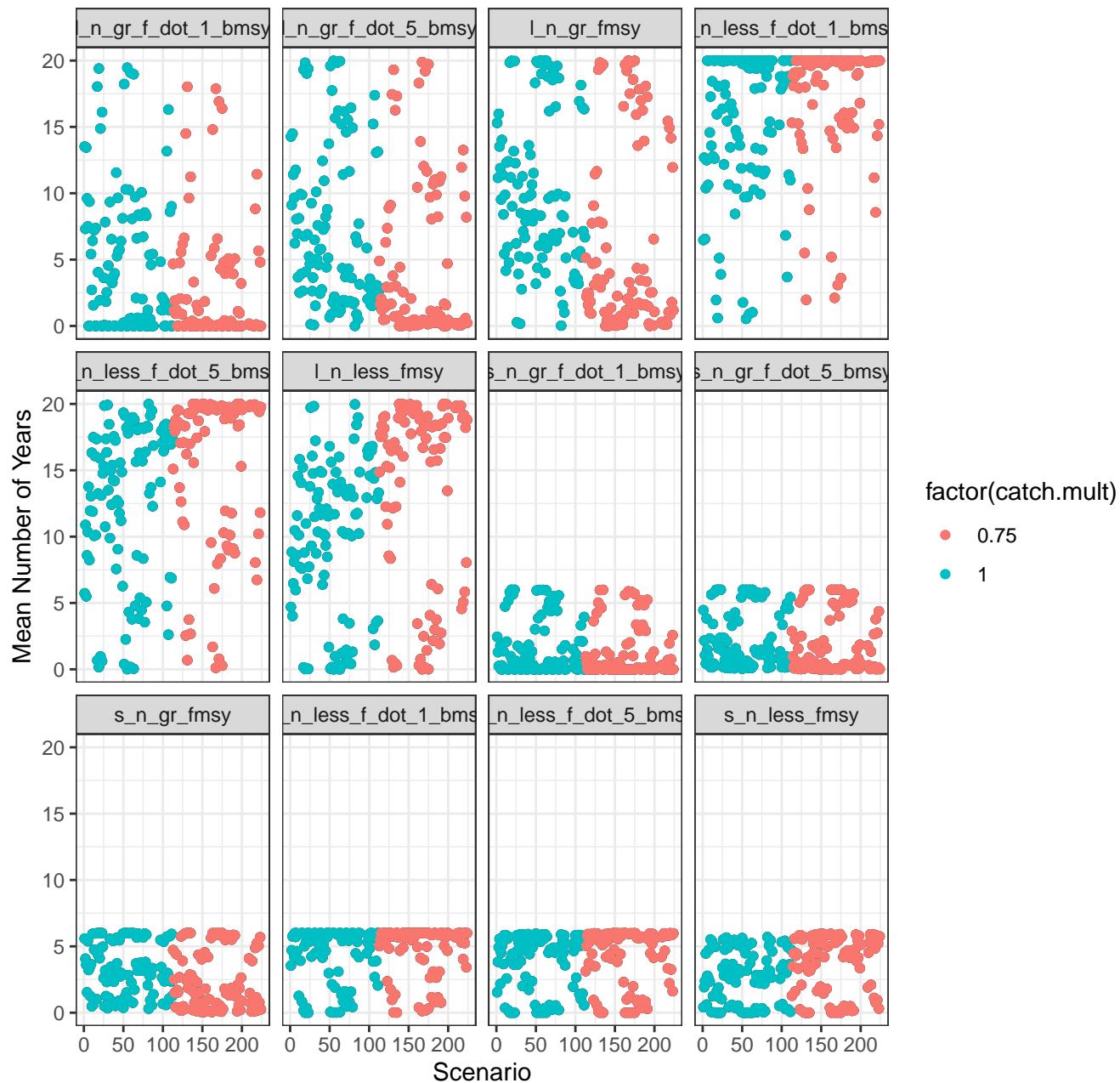
F



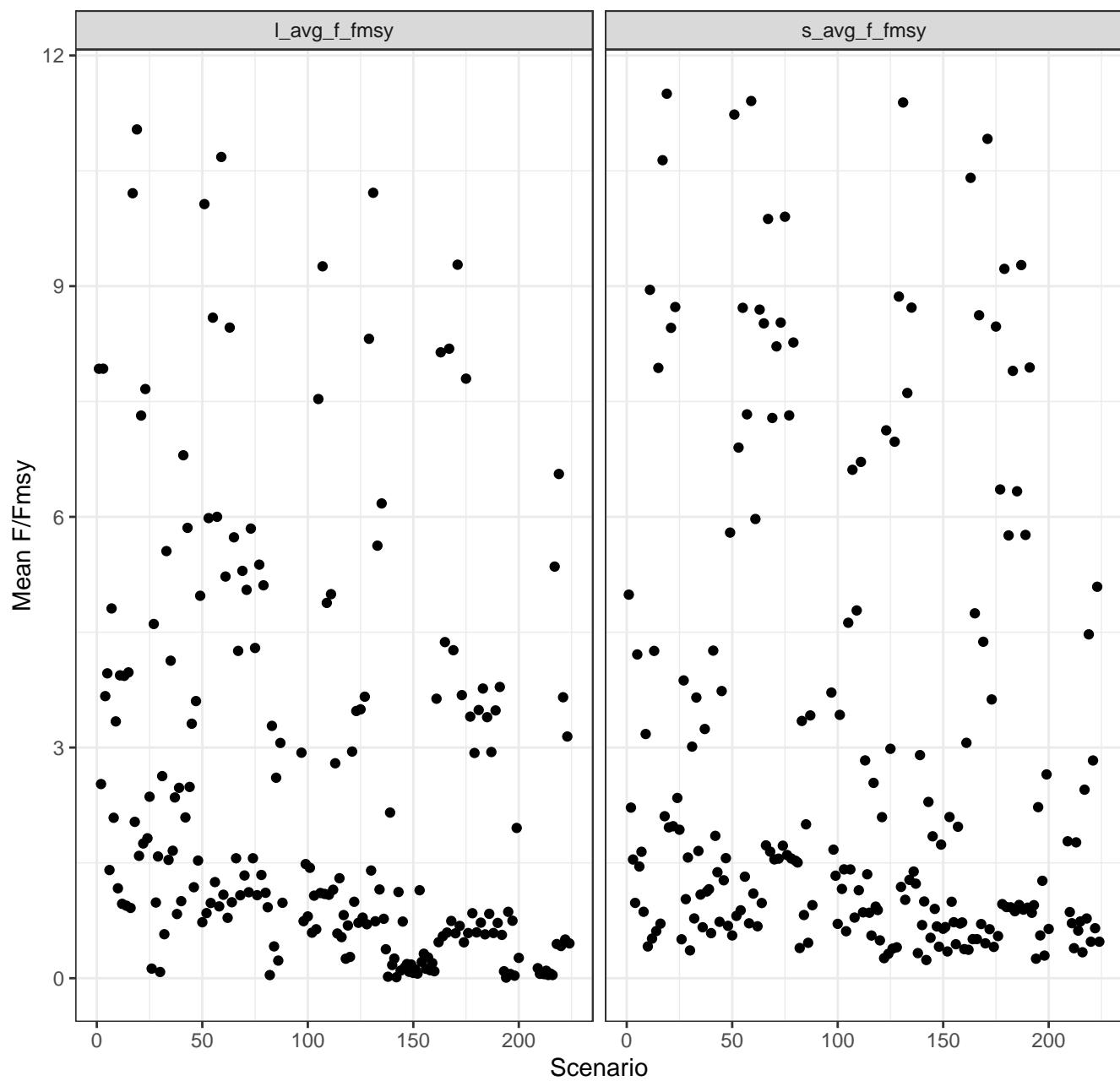
F



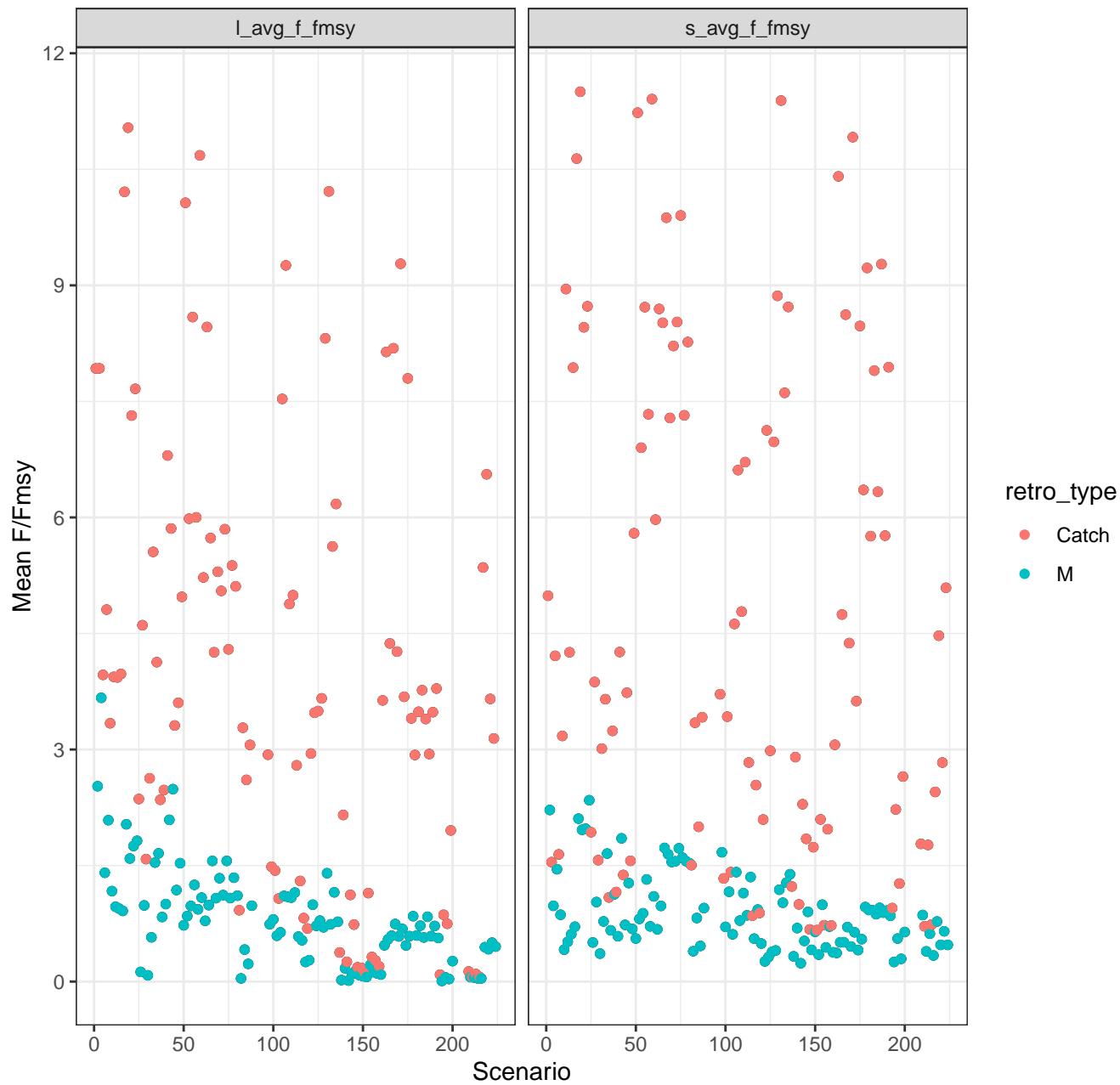
F



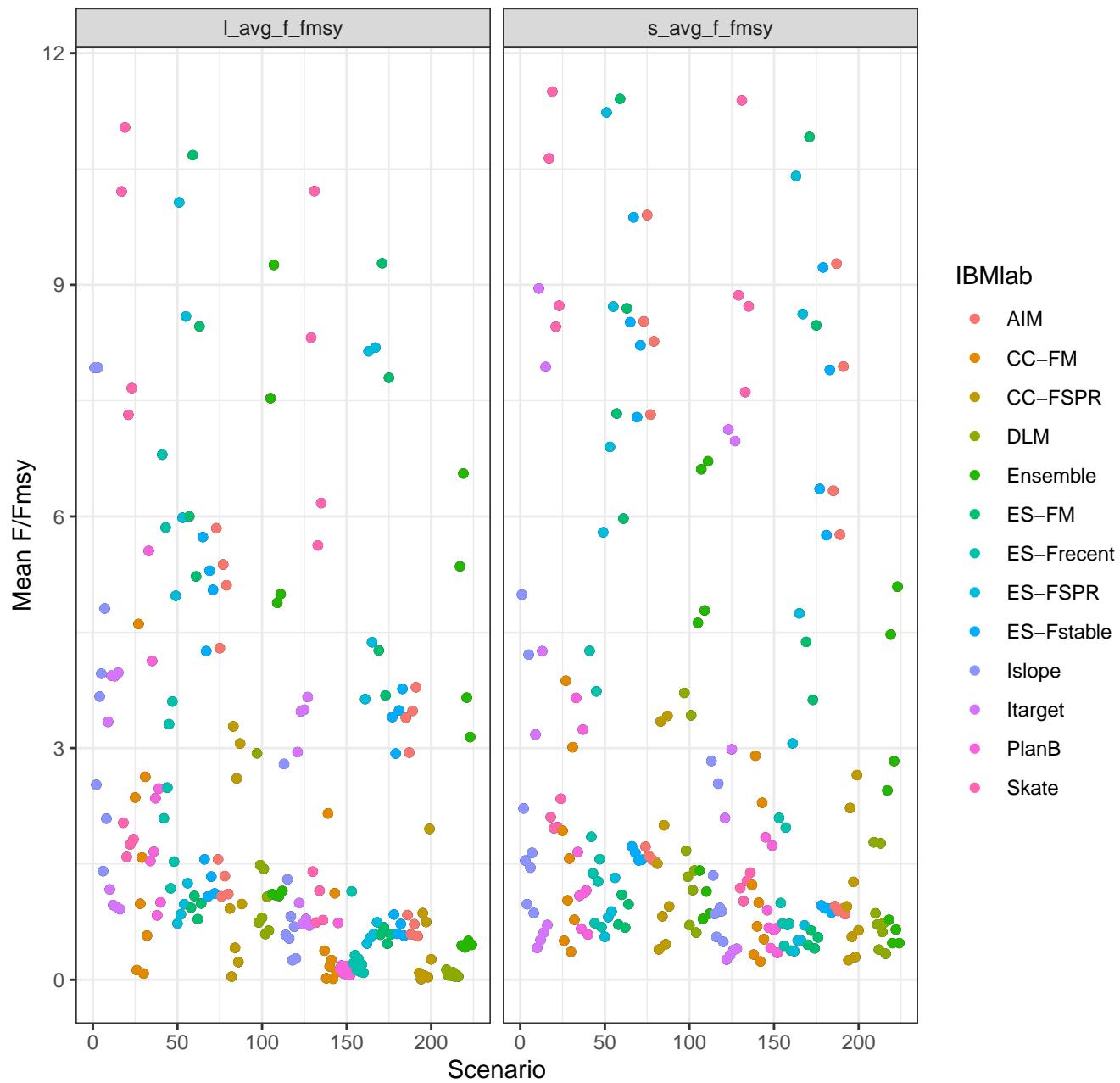
F



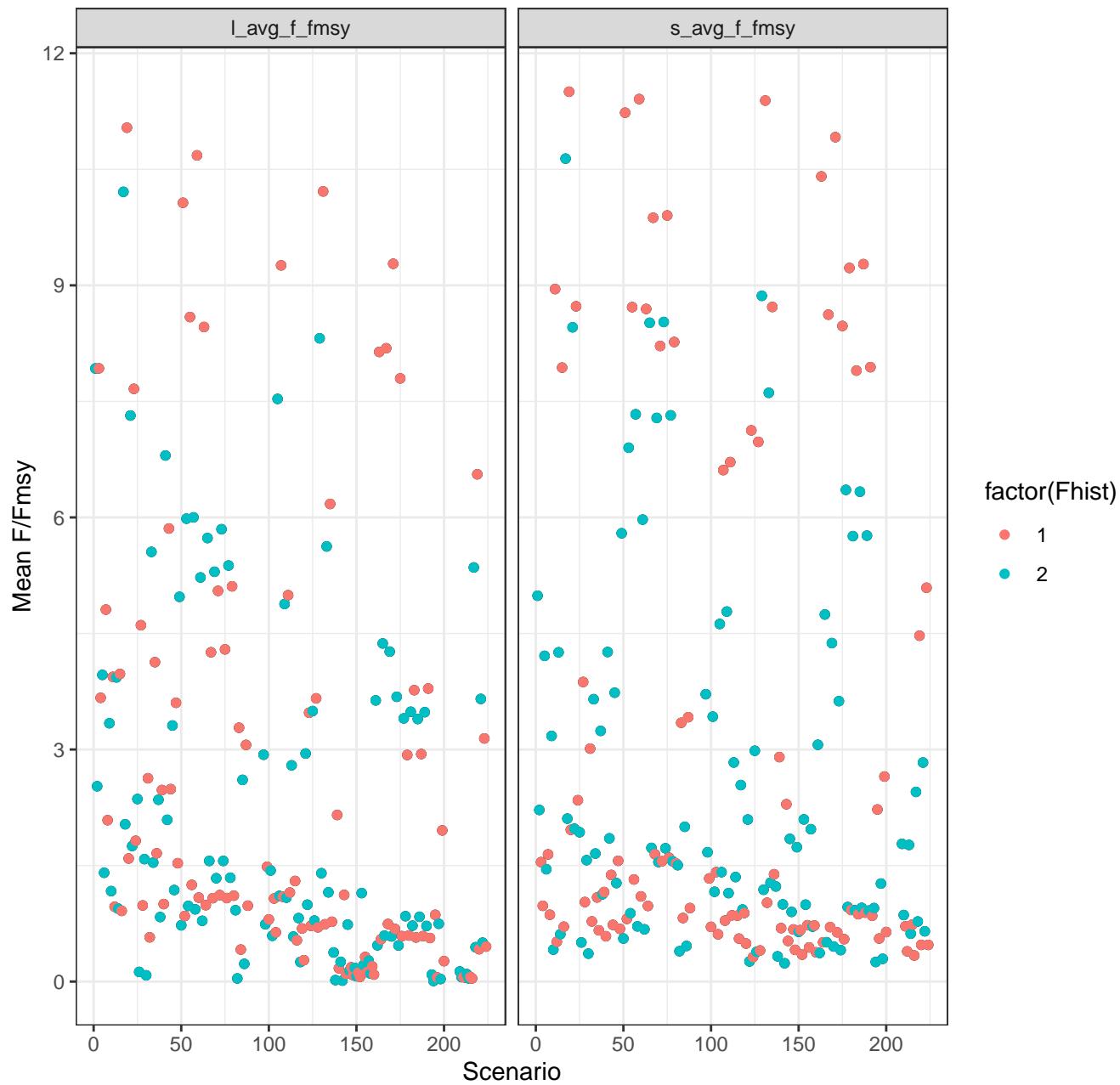
F



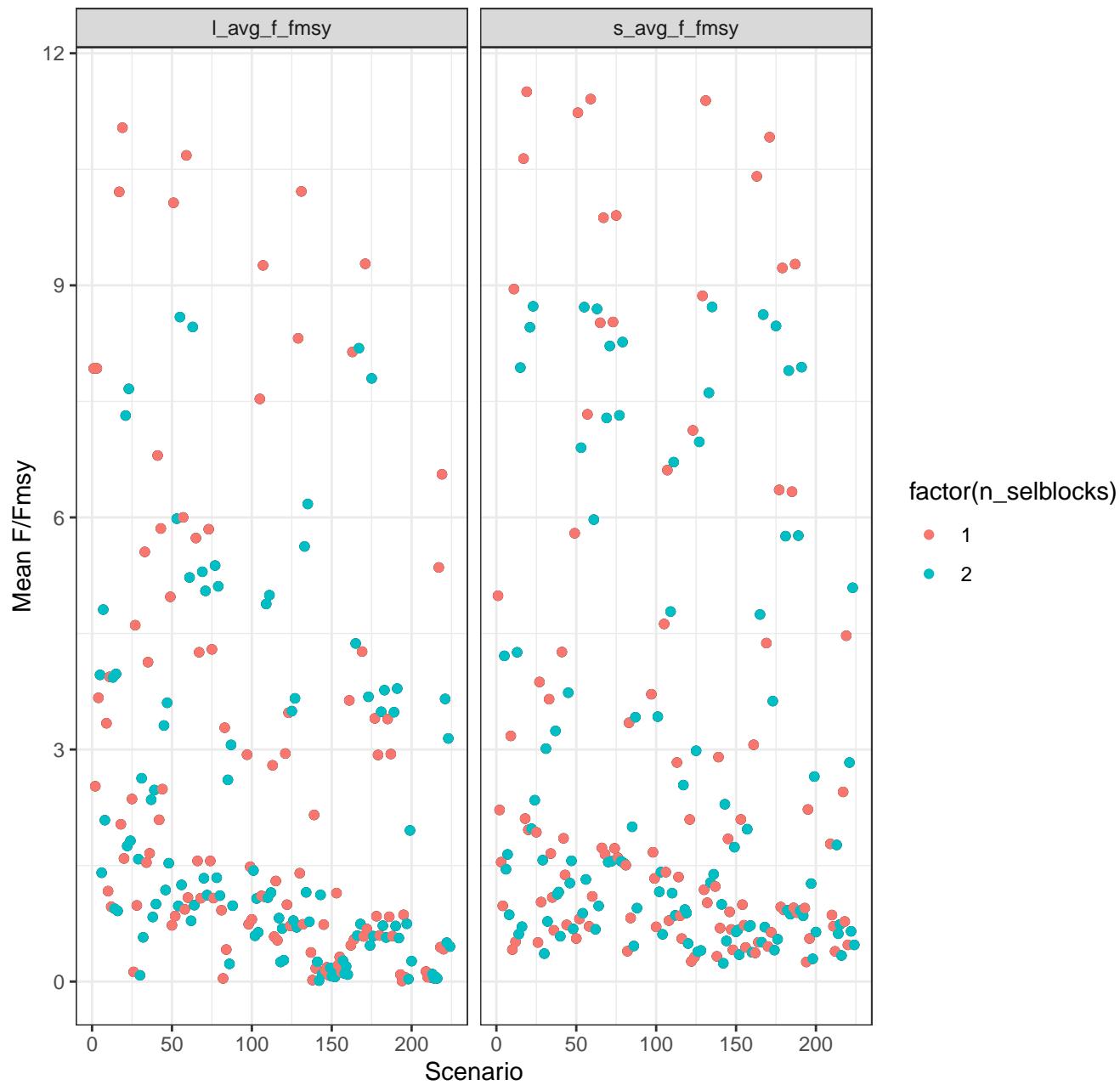
F



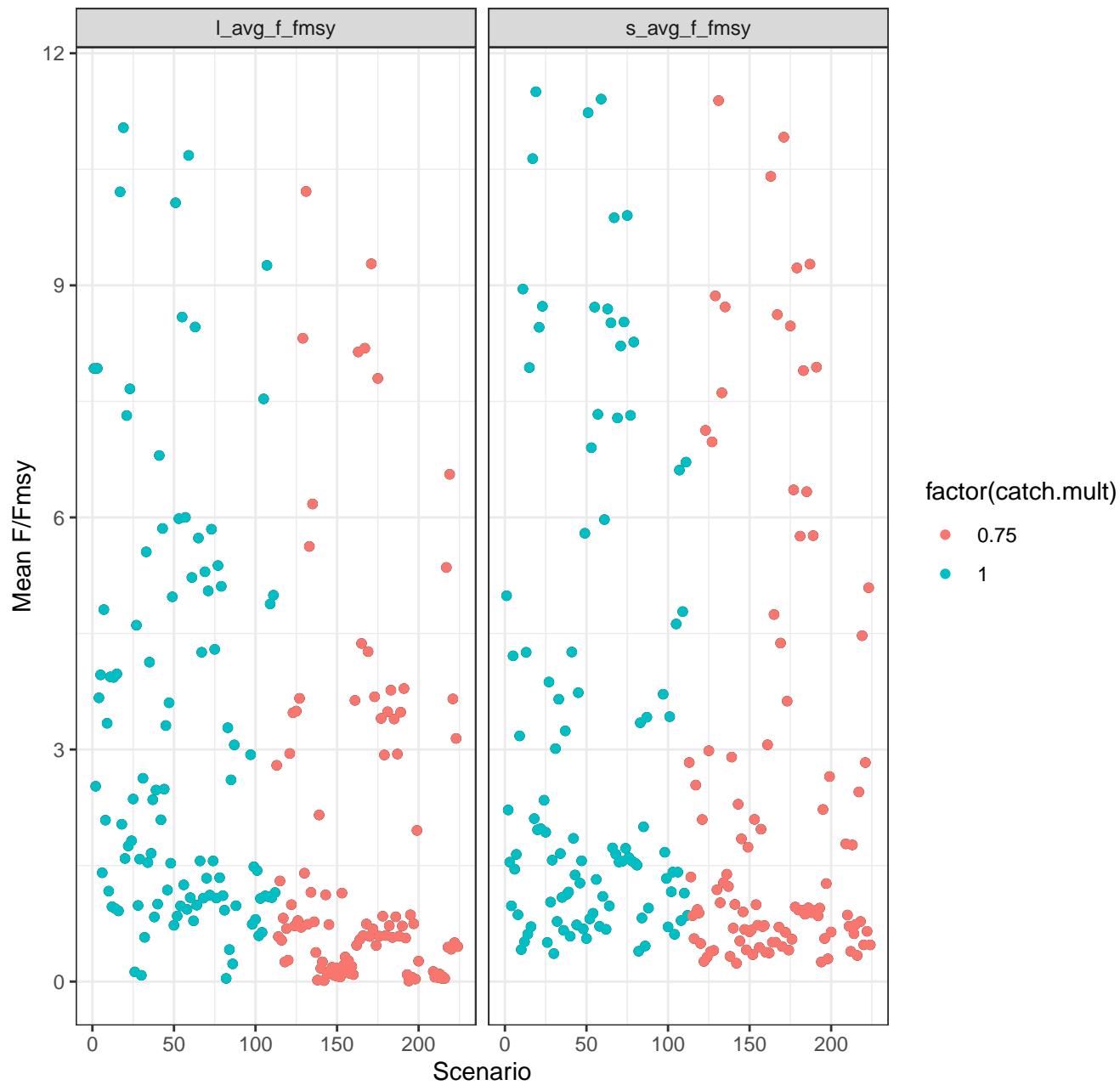
F



F

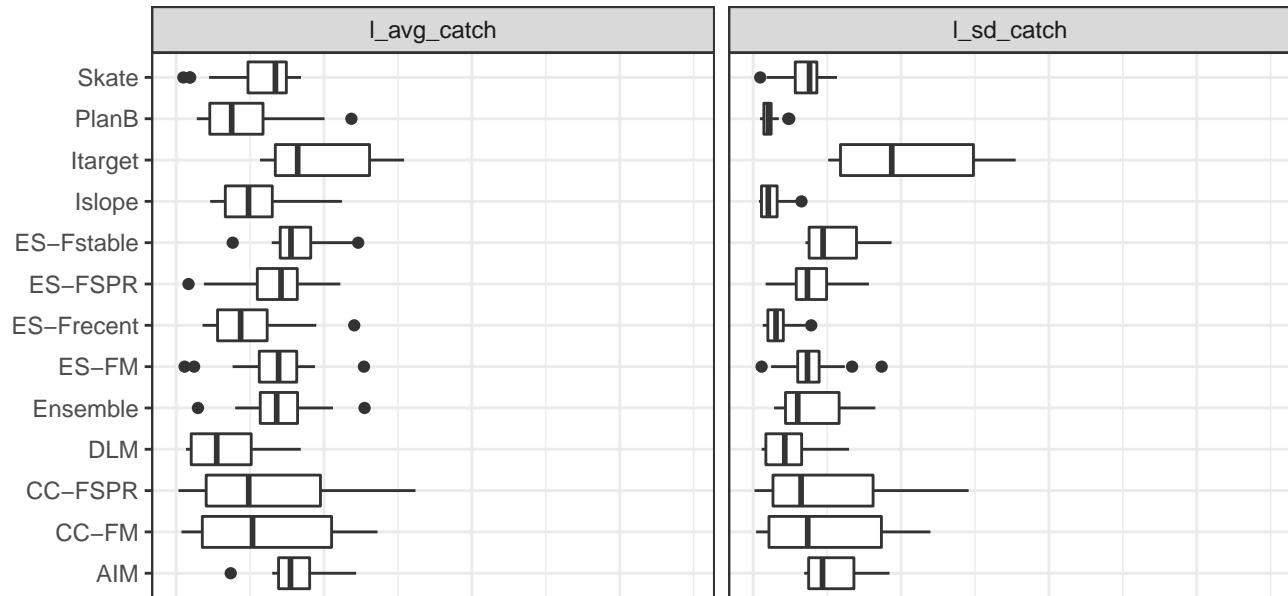


F



Catch

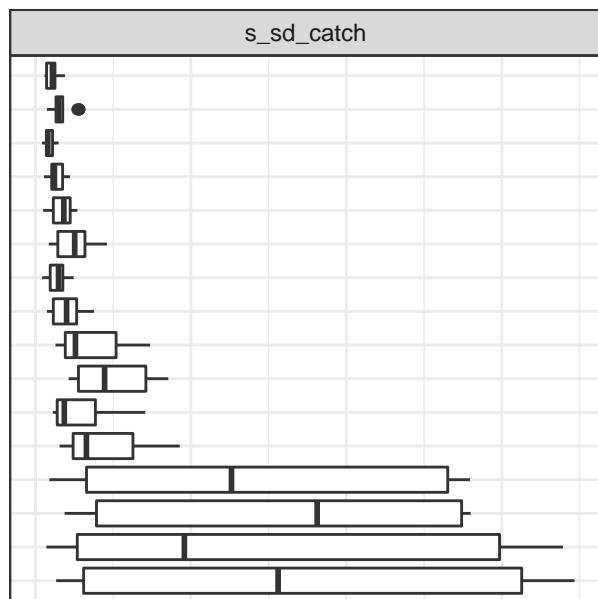
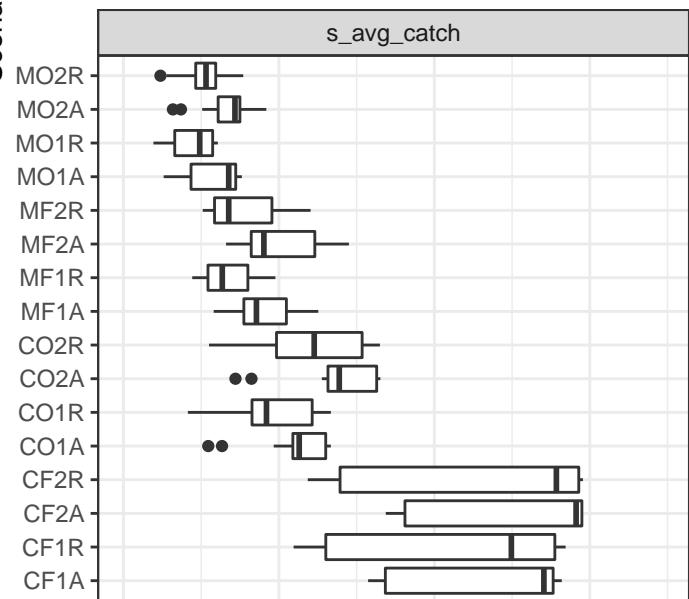
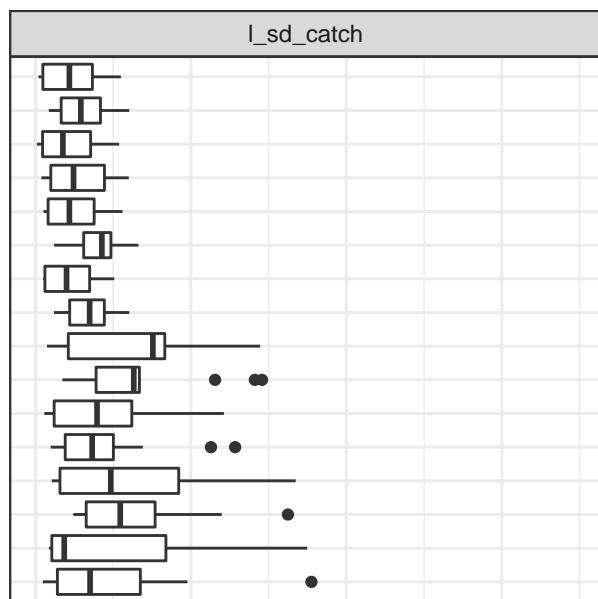
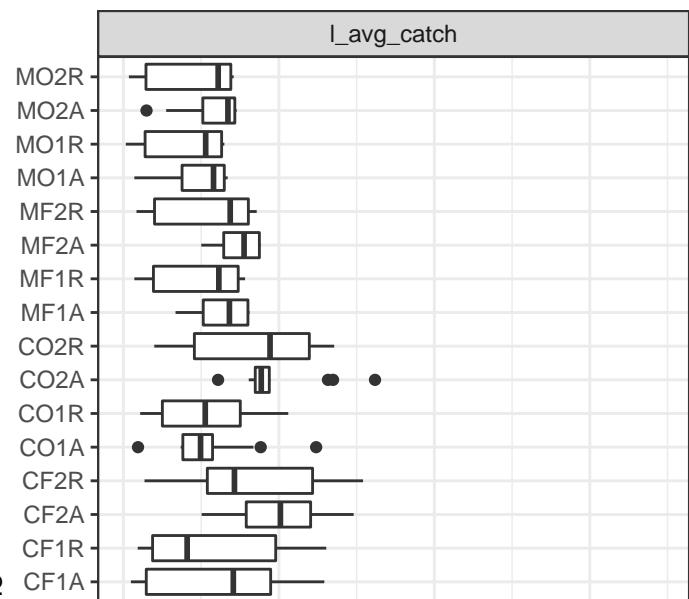
IBM



Mean of Metric

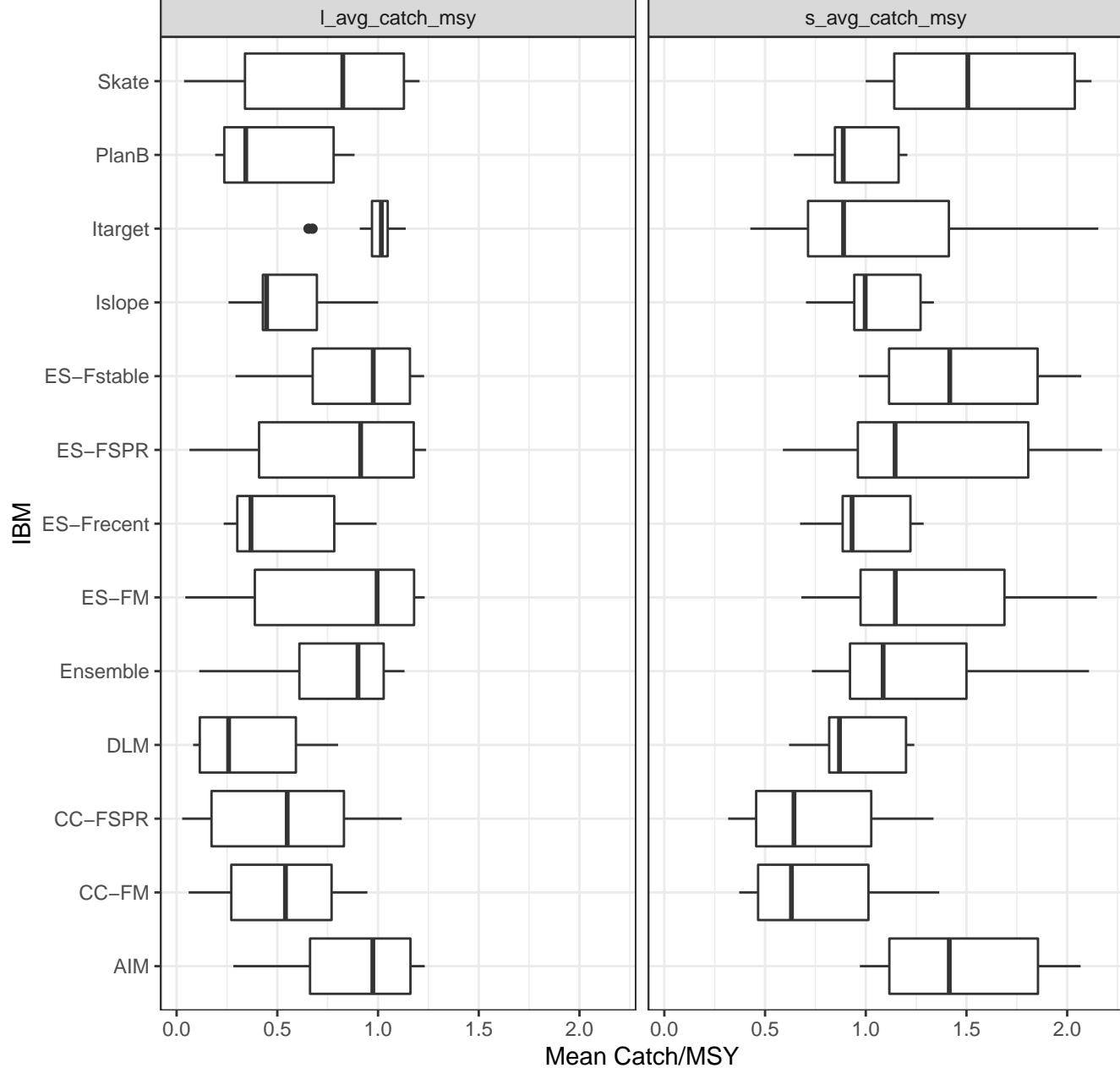
Catch

Scenario

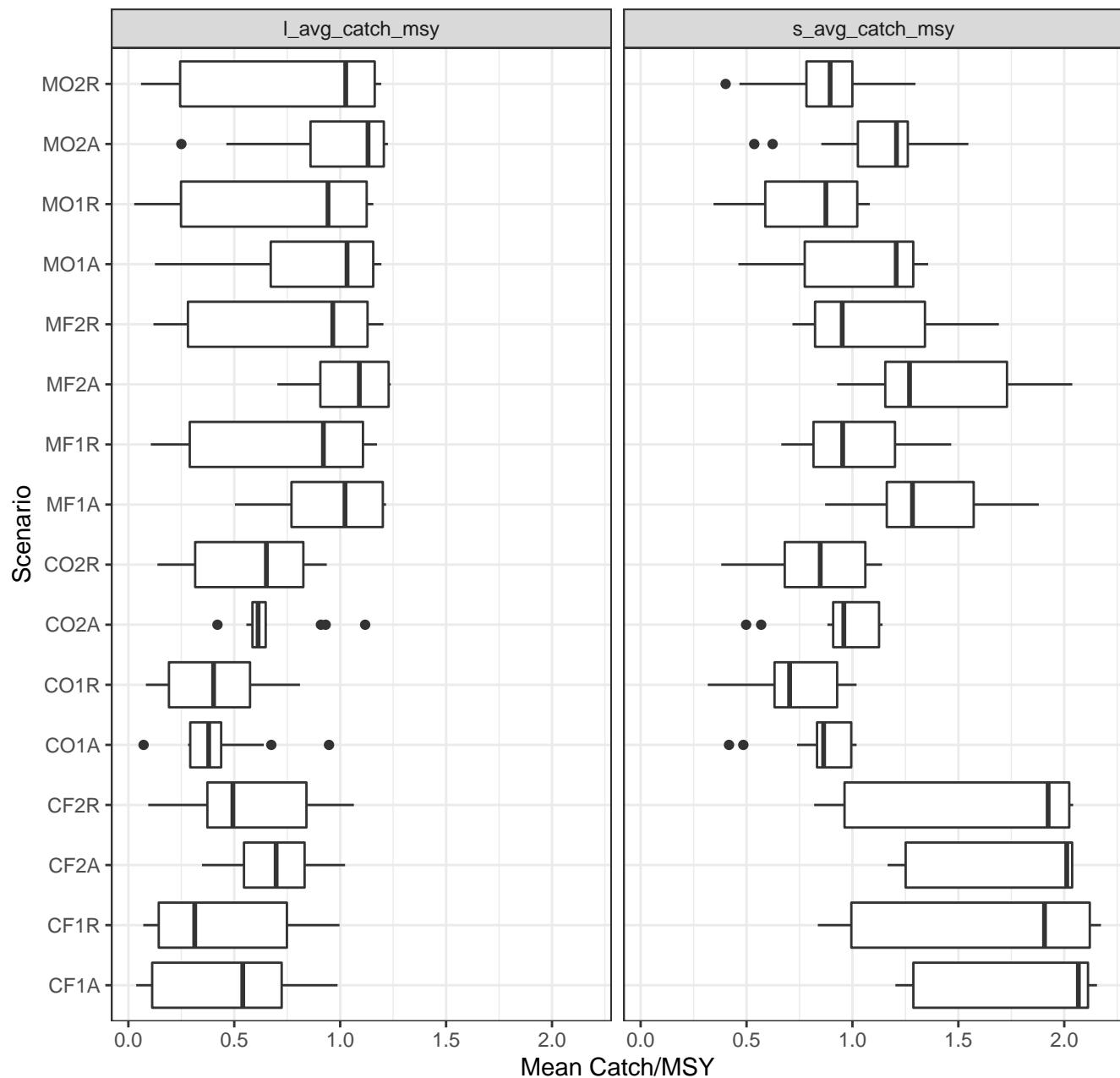


Mean of Metric

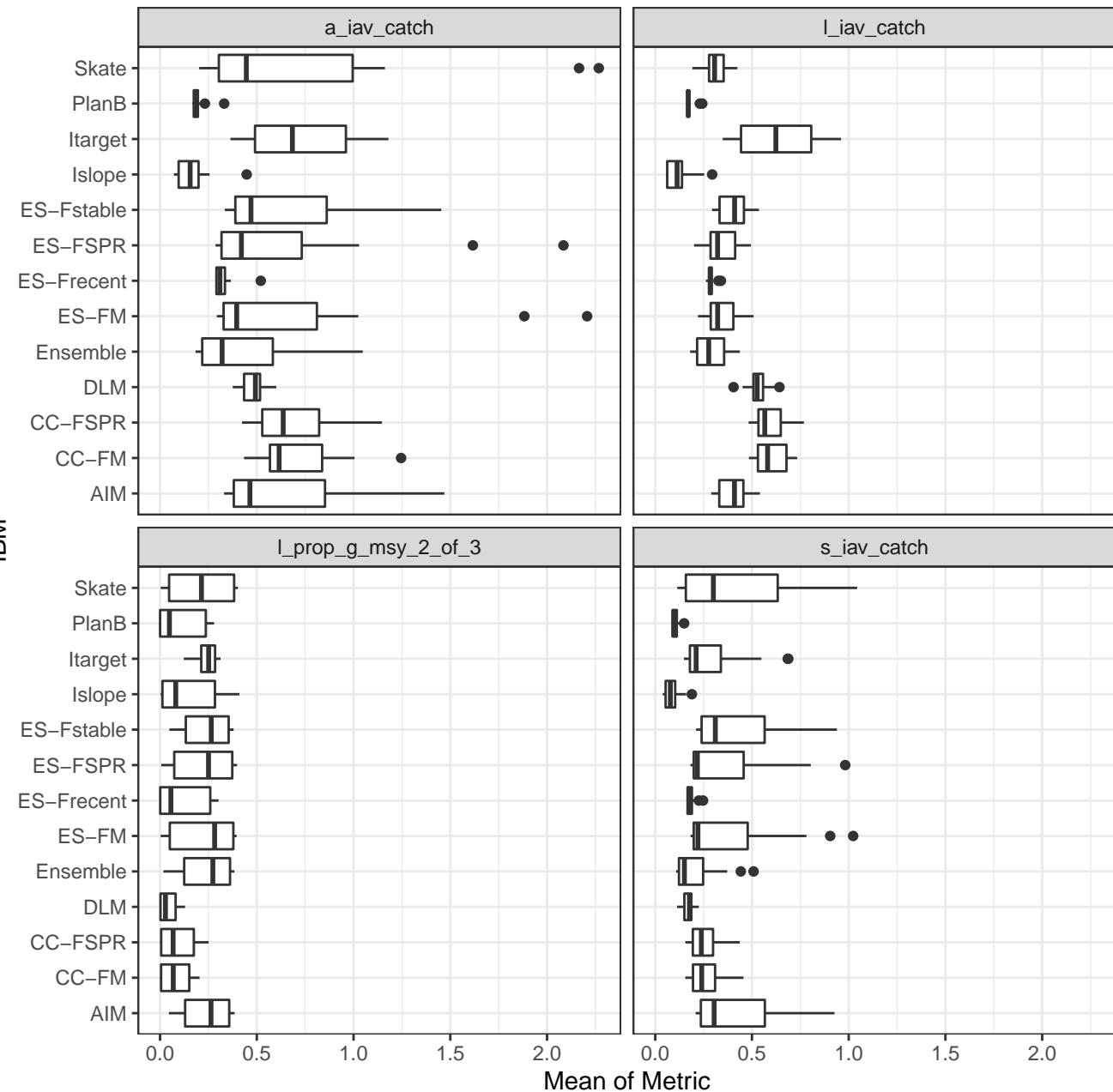
Catch



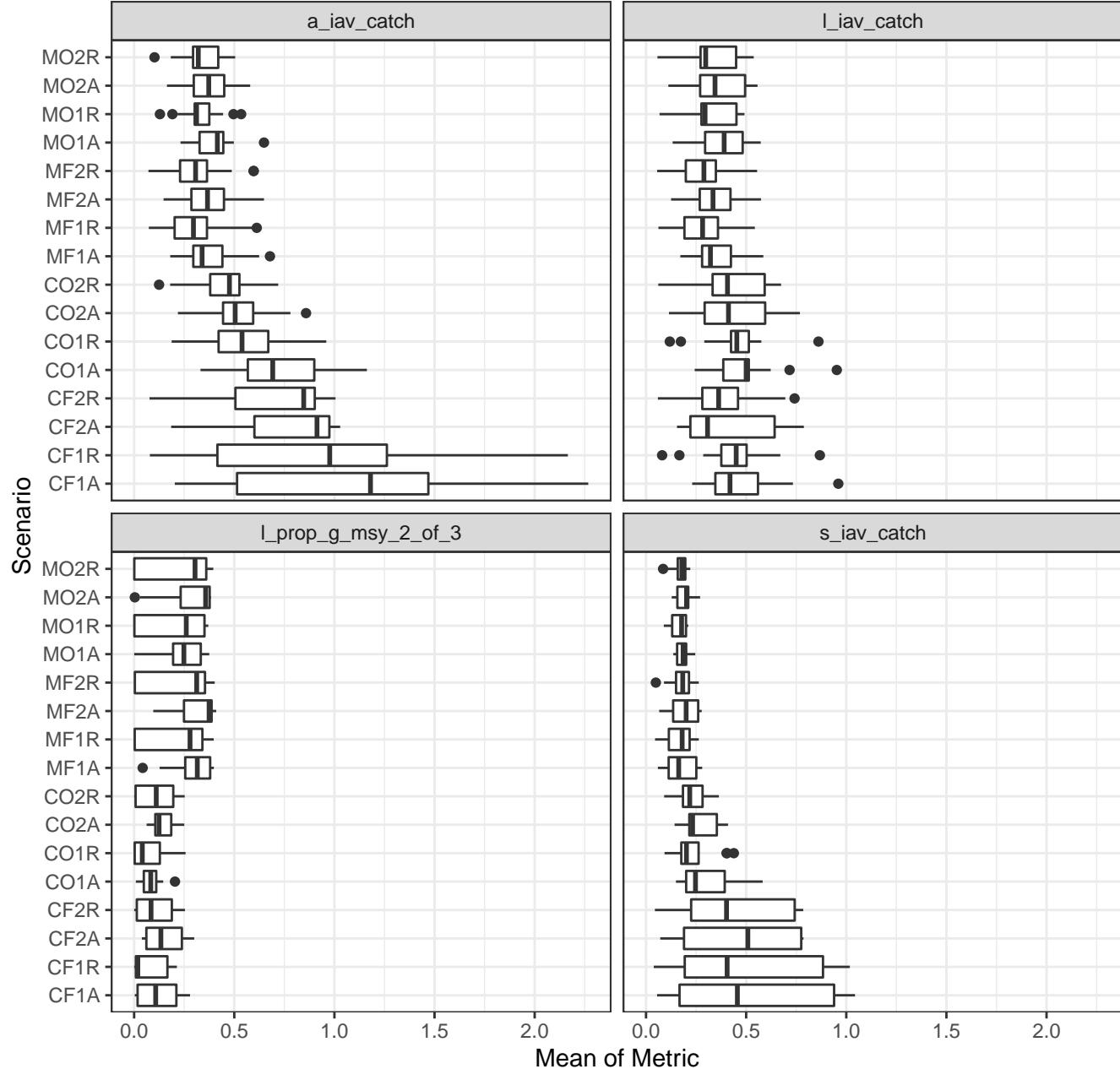
Catch



Catch

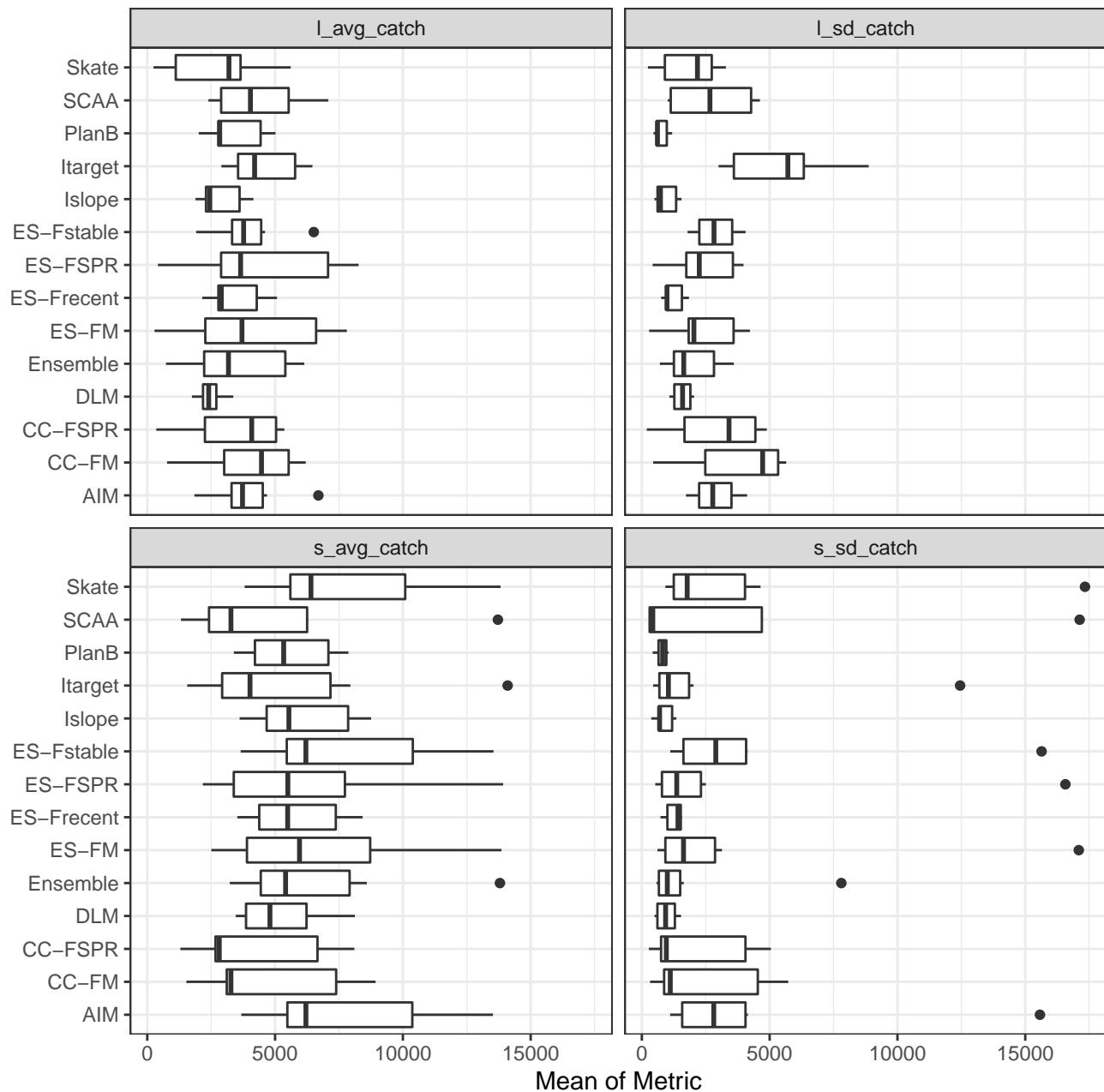


Catch

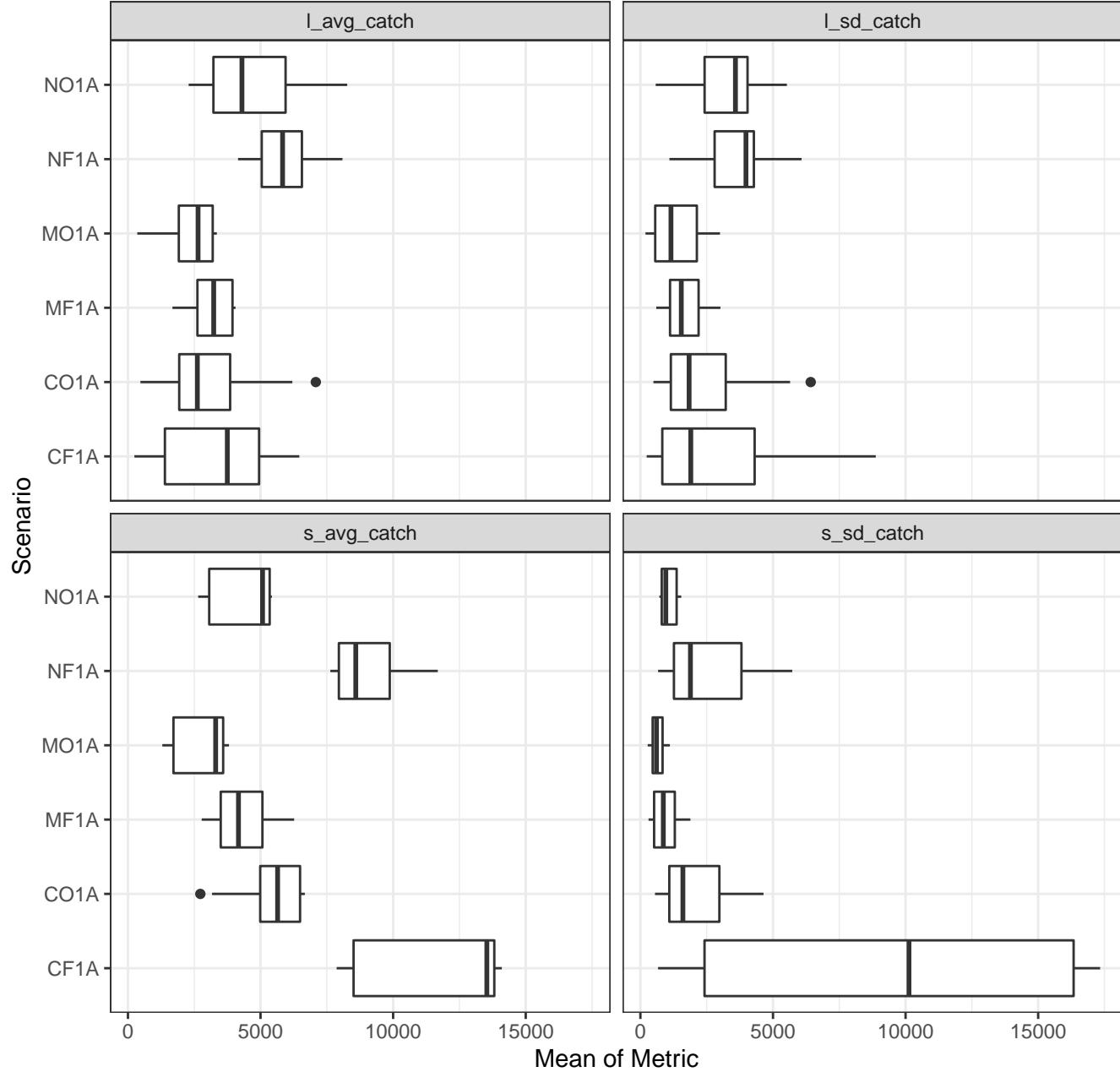


Catch (SCAA scenarios)

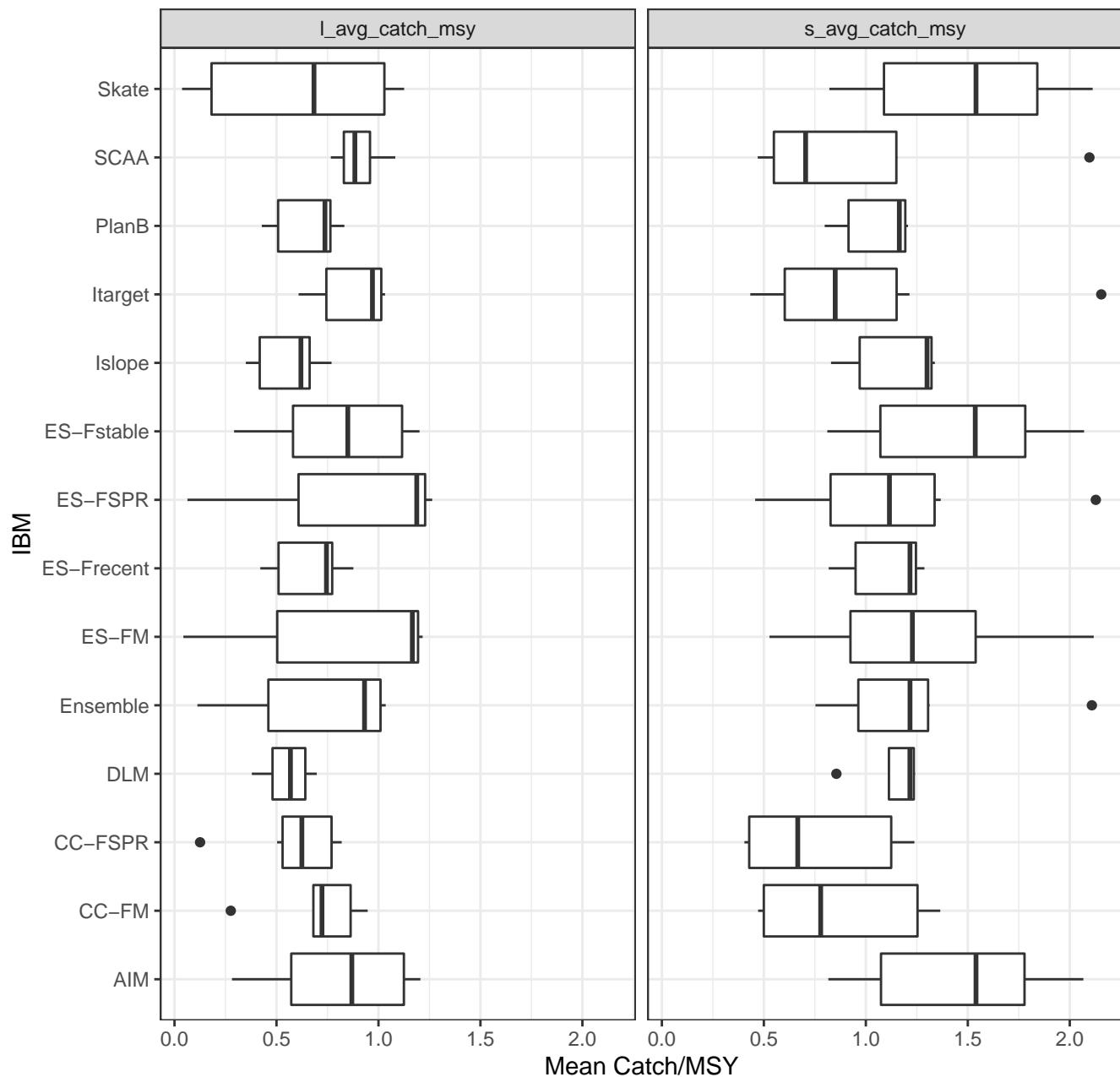
IBM



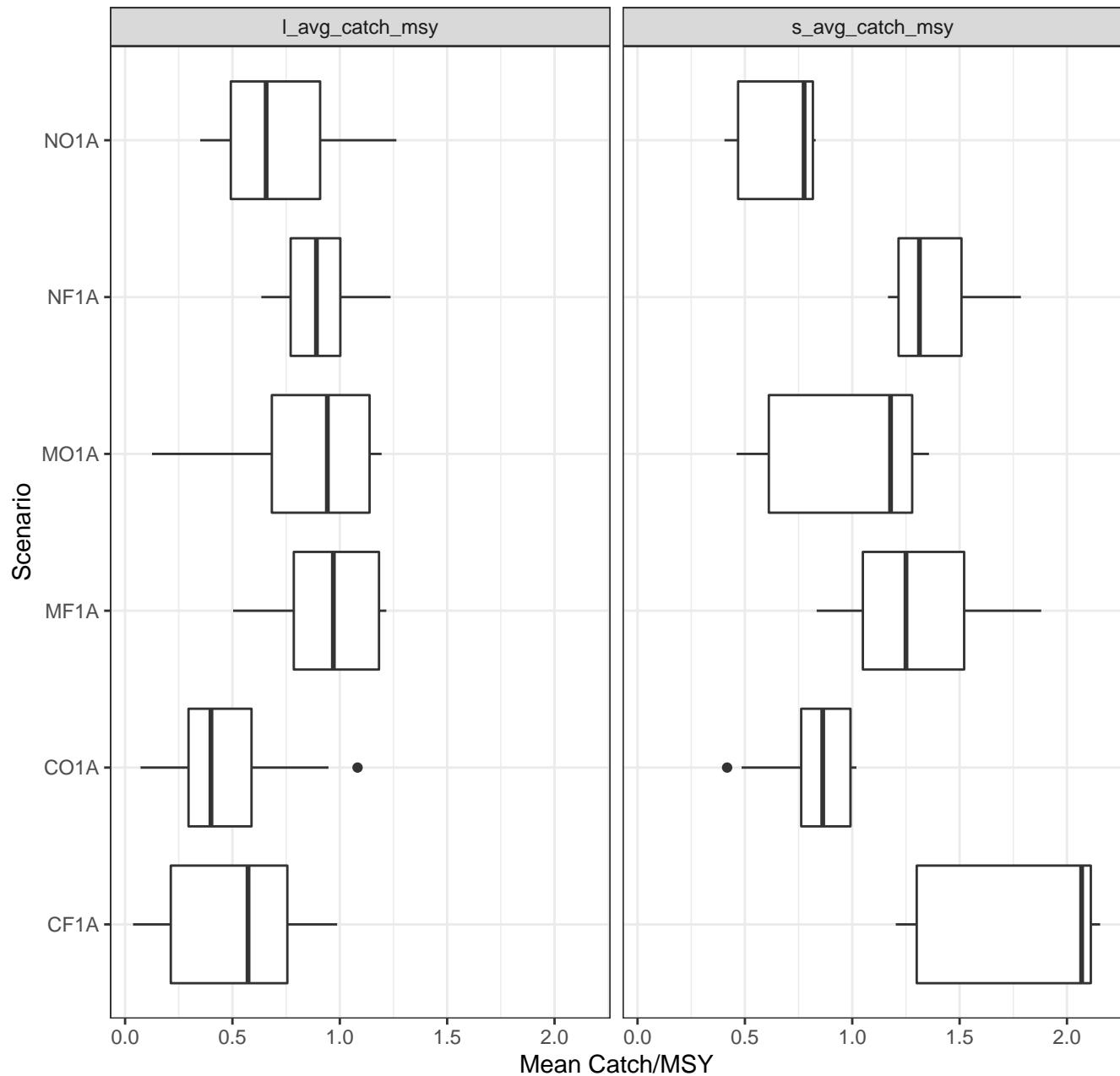
Catch (SCAA scenarios)



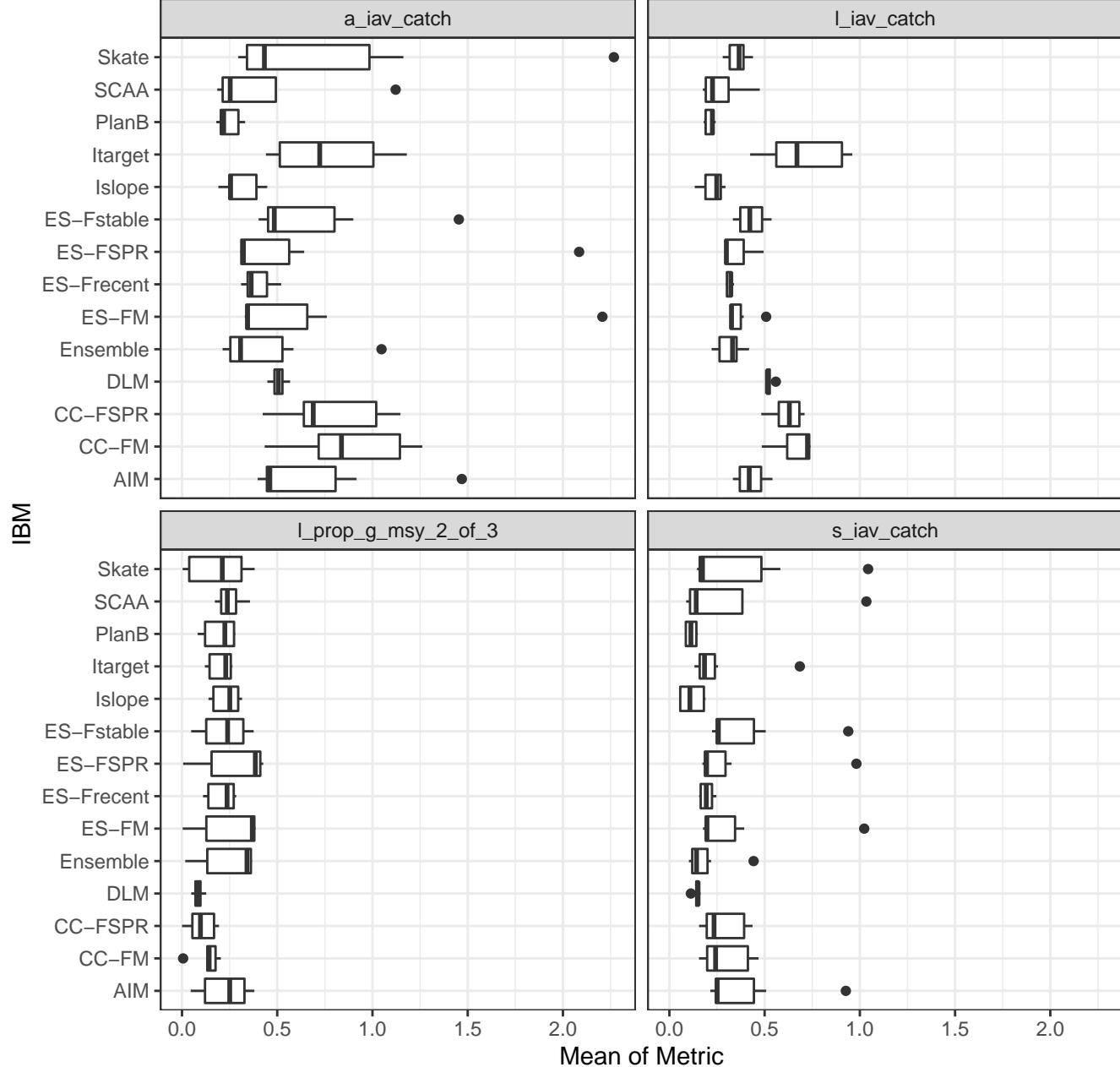
Catch (SCAA scenarios)



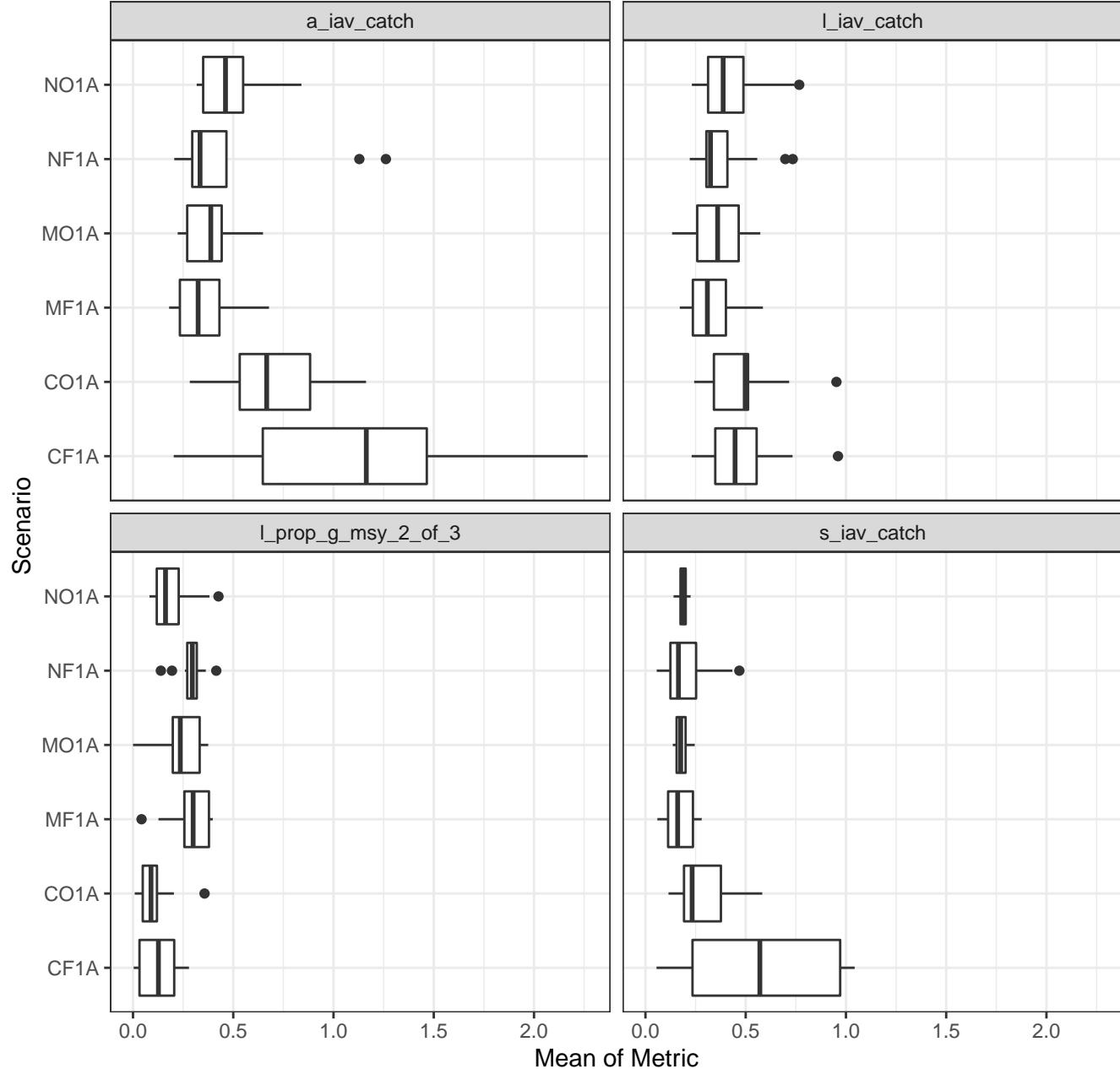
Catch (SCAA scenarios)



Catch (SCAA scenarios)

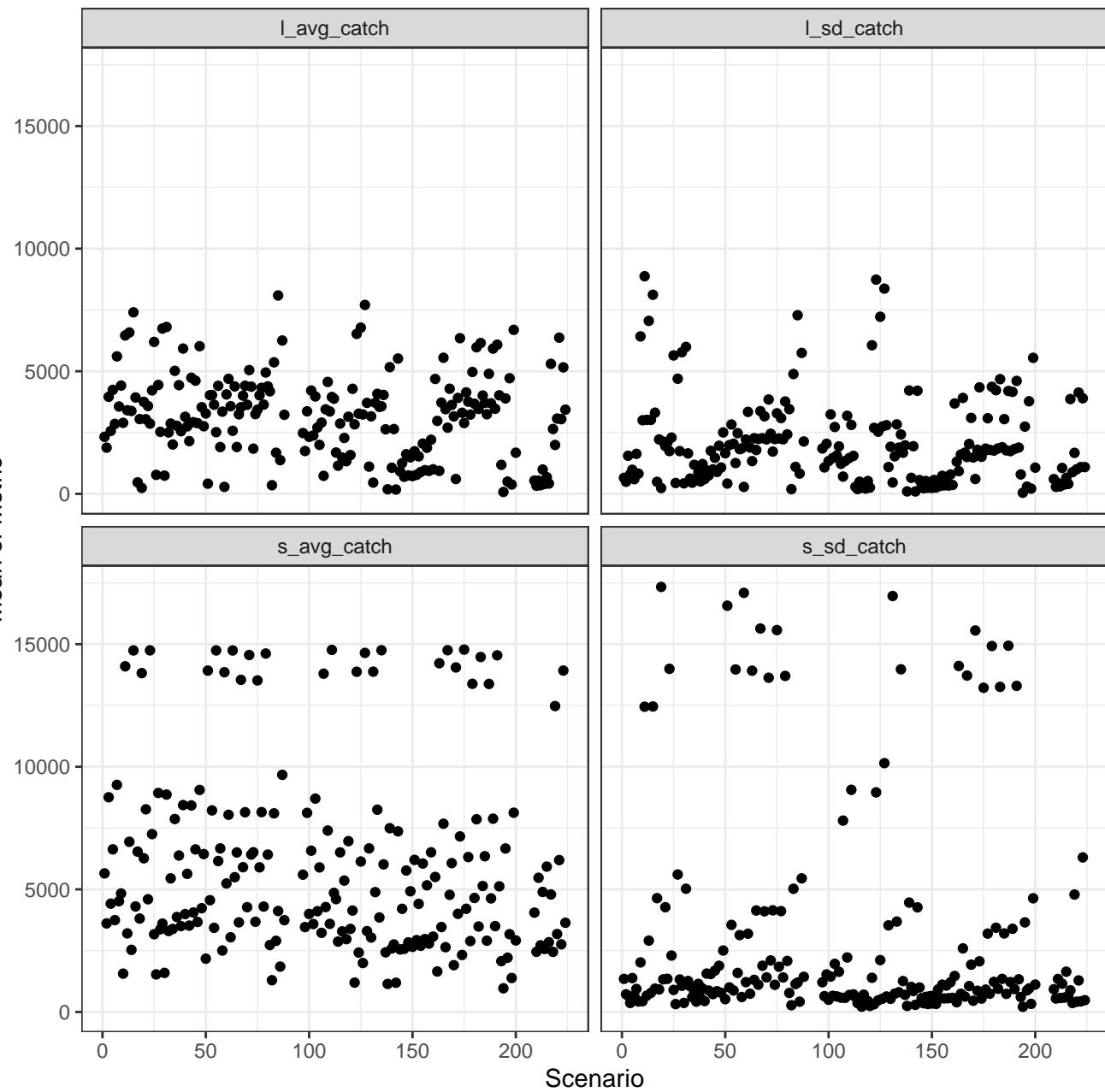


Catch (SCAA scenarios)



Catch

Mean of Metric

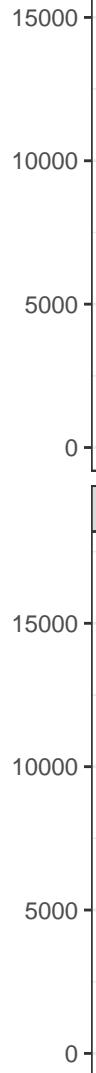


Catch

Mean of Metric

I_avg_catch

I_sd_catch



retro_type

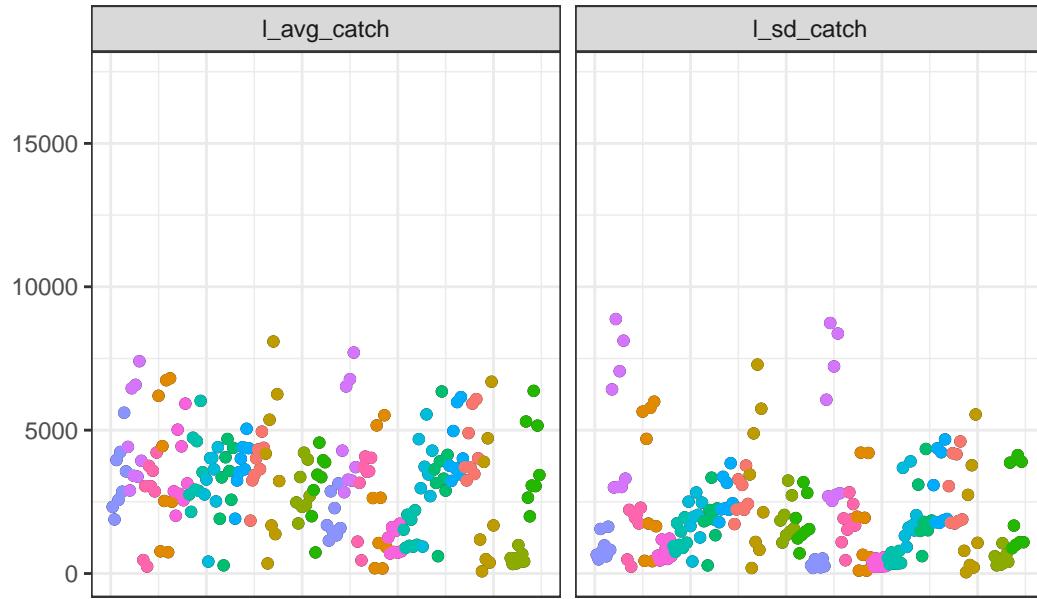
- Catch
- M

Scenario

Catch

Mean of Metric

I_avg_catch

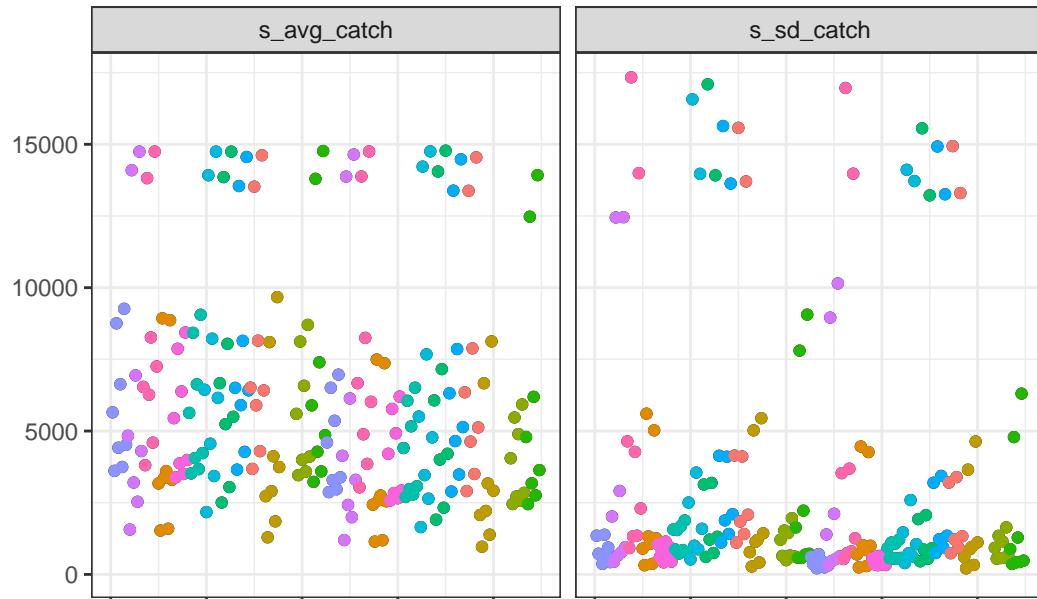


I_sd_catch

IBMLab

- AIM
- CC-FM
- CC-FSPR
- DLM
- Ensemble
- ES-FM
- ES-Frecent
- ES-FSPR
- ES-Fstable
- Islope
- Itarget
- PlanB
- Skate

s_avg_catch



s_sd_catch

Scenario

Catch

Mean of Metric

I_avg_catch

I_sd_catch

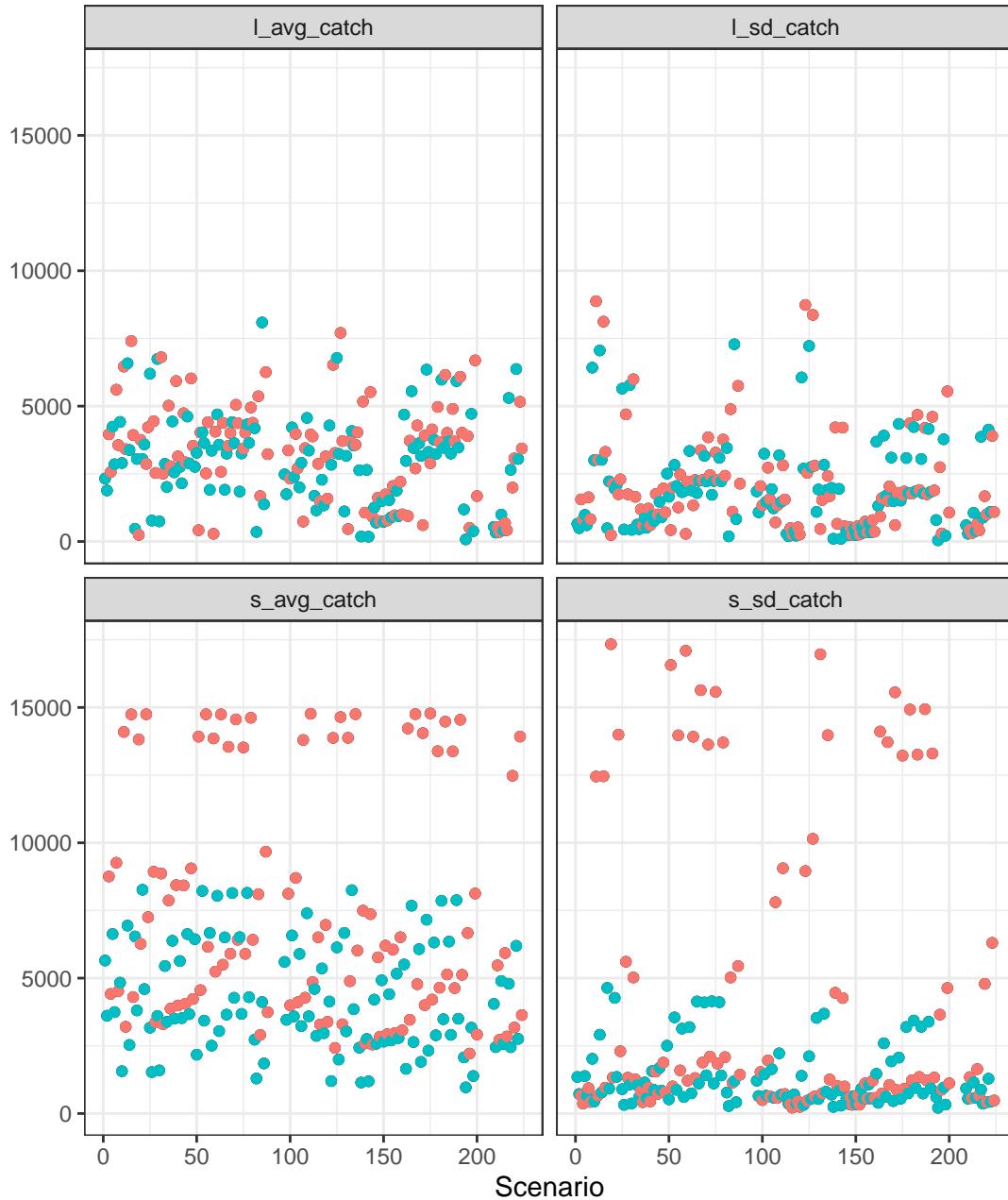
s_avg_catch

s_sd_catch

factor(Fhist)

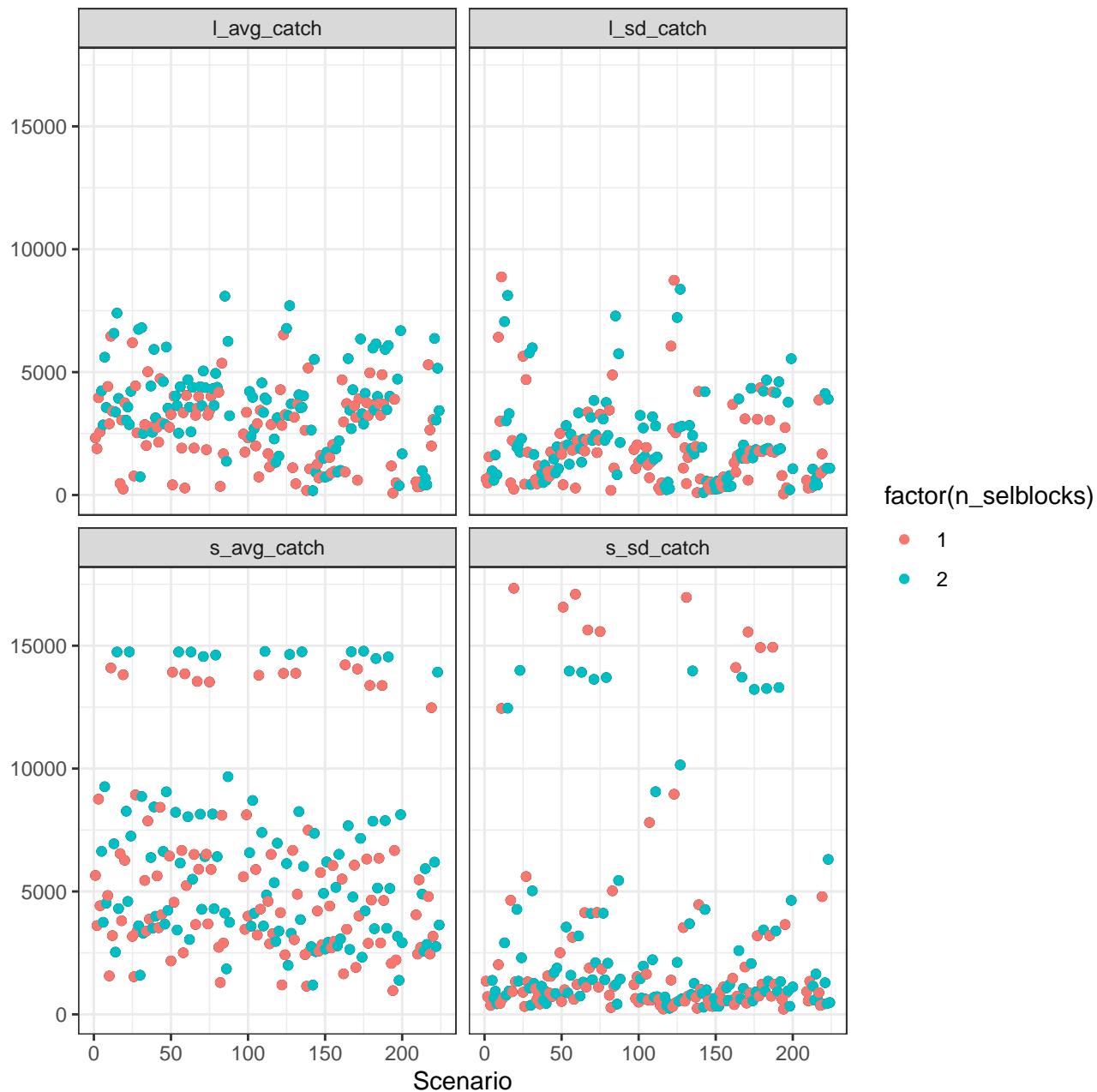
1

2



Catch

Mean of Metric



Catch

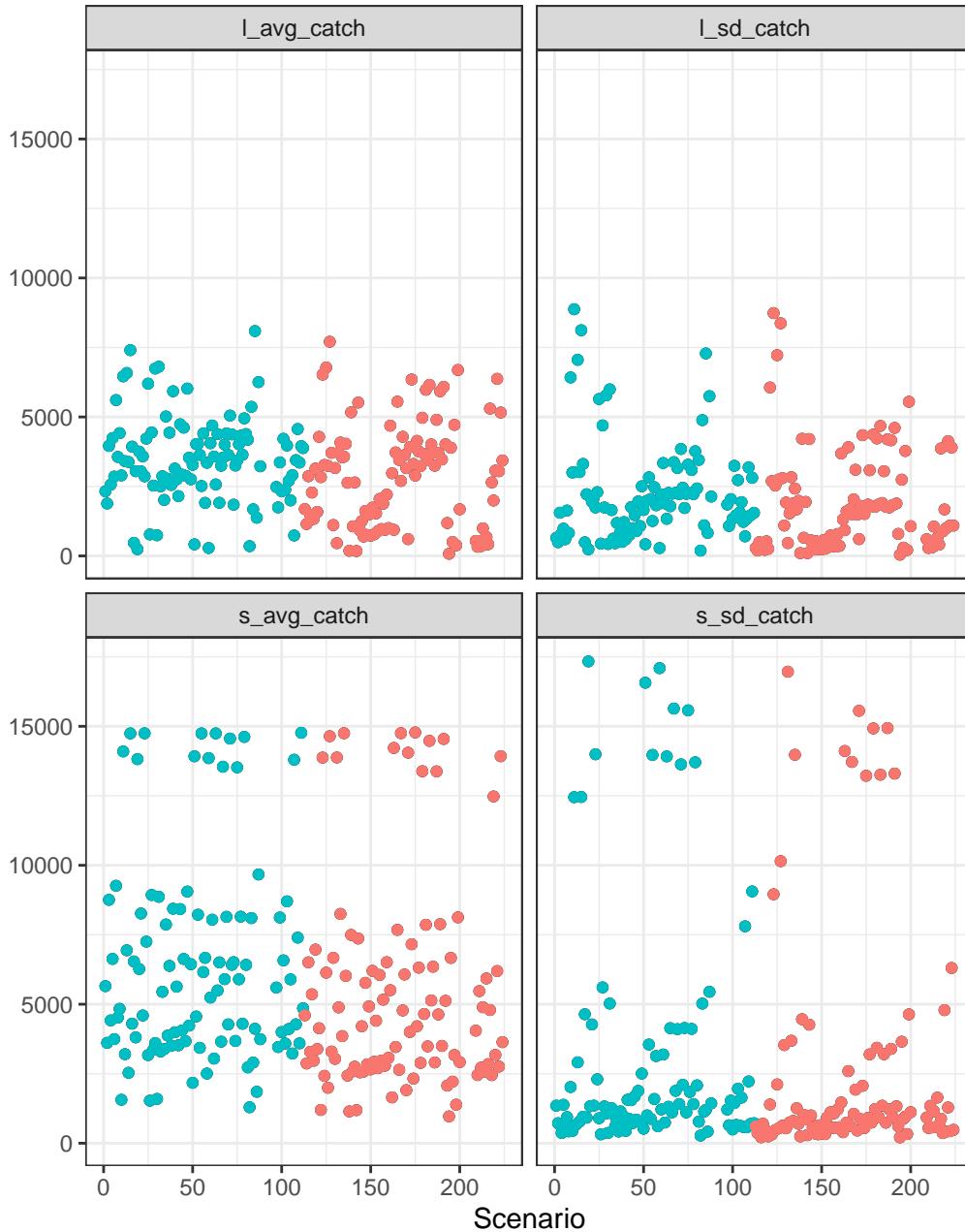
Mean of Metric

l_avg_catch

l_sd_catch

s_avg_catch

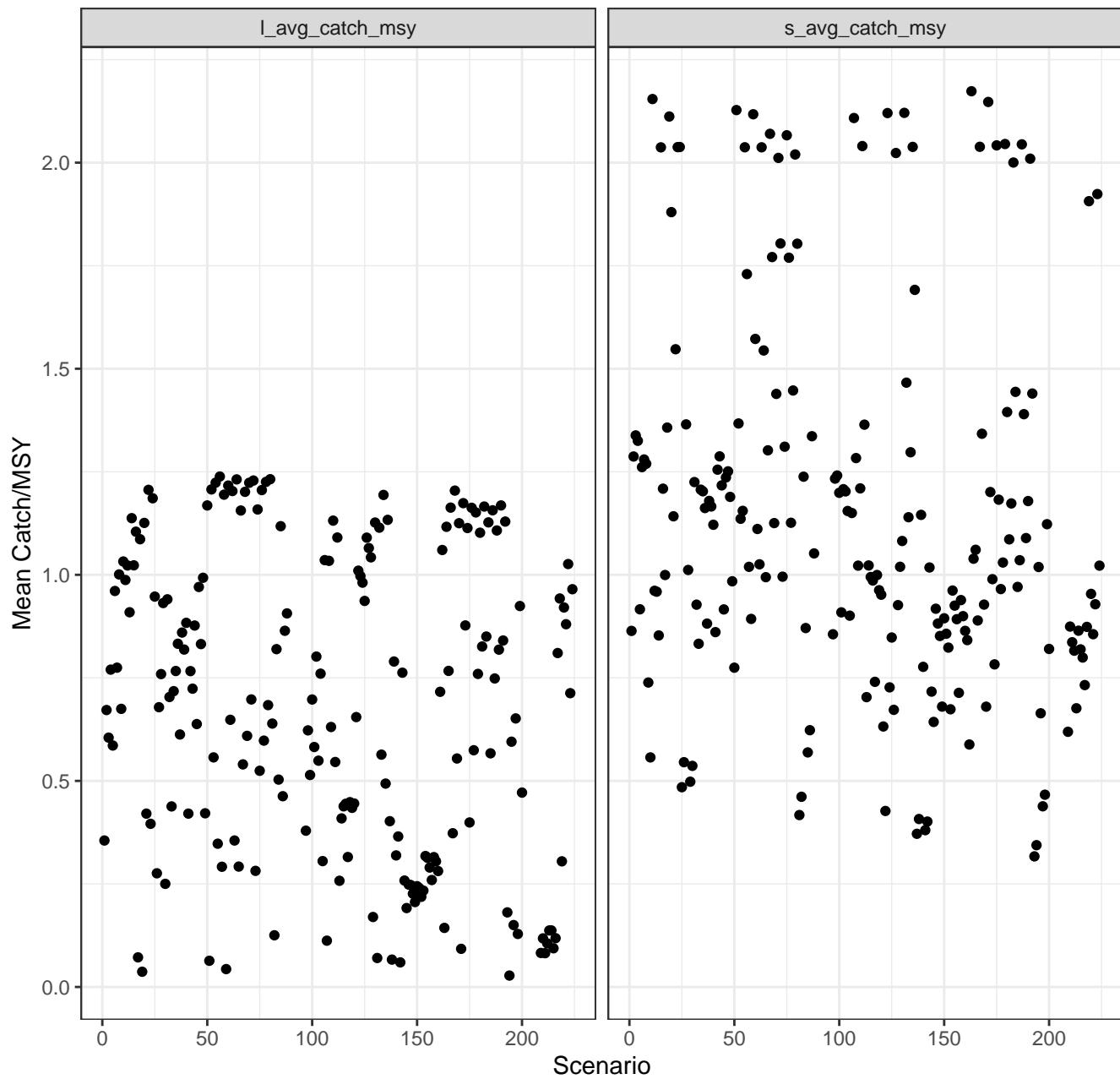
s_sd_catch



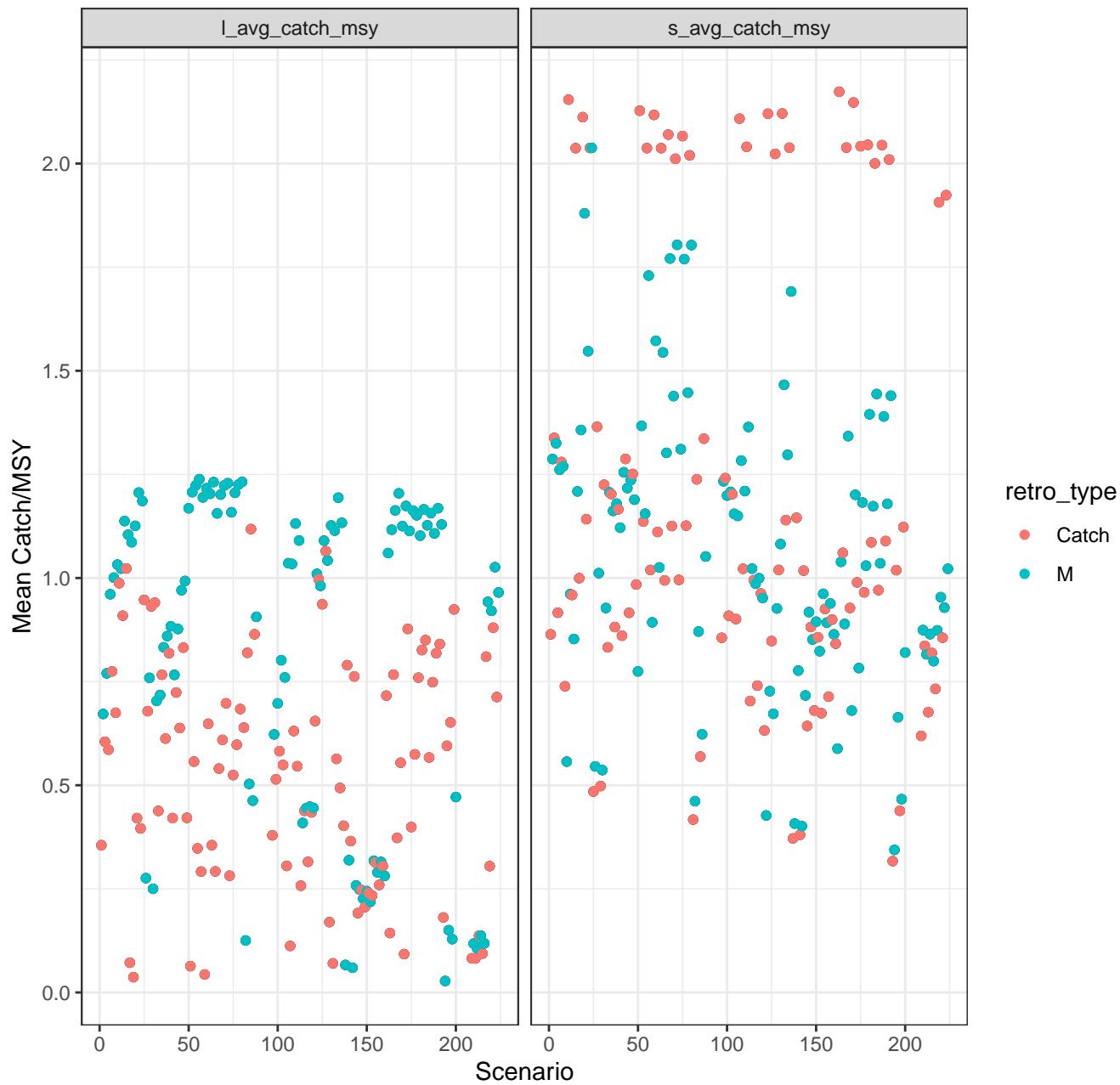
factor(catch.mult)

- 0.75
- 1

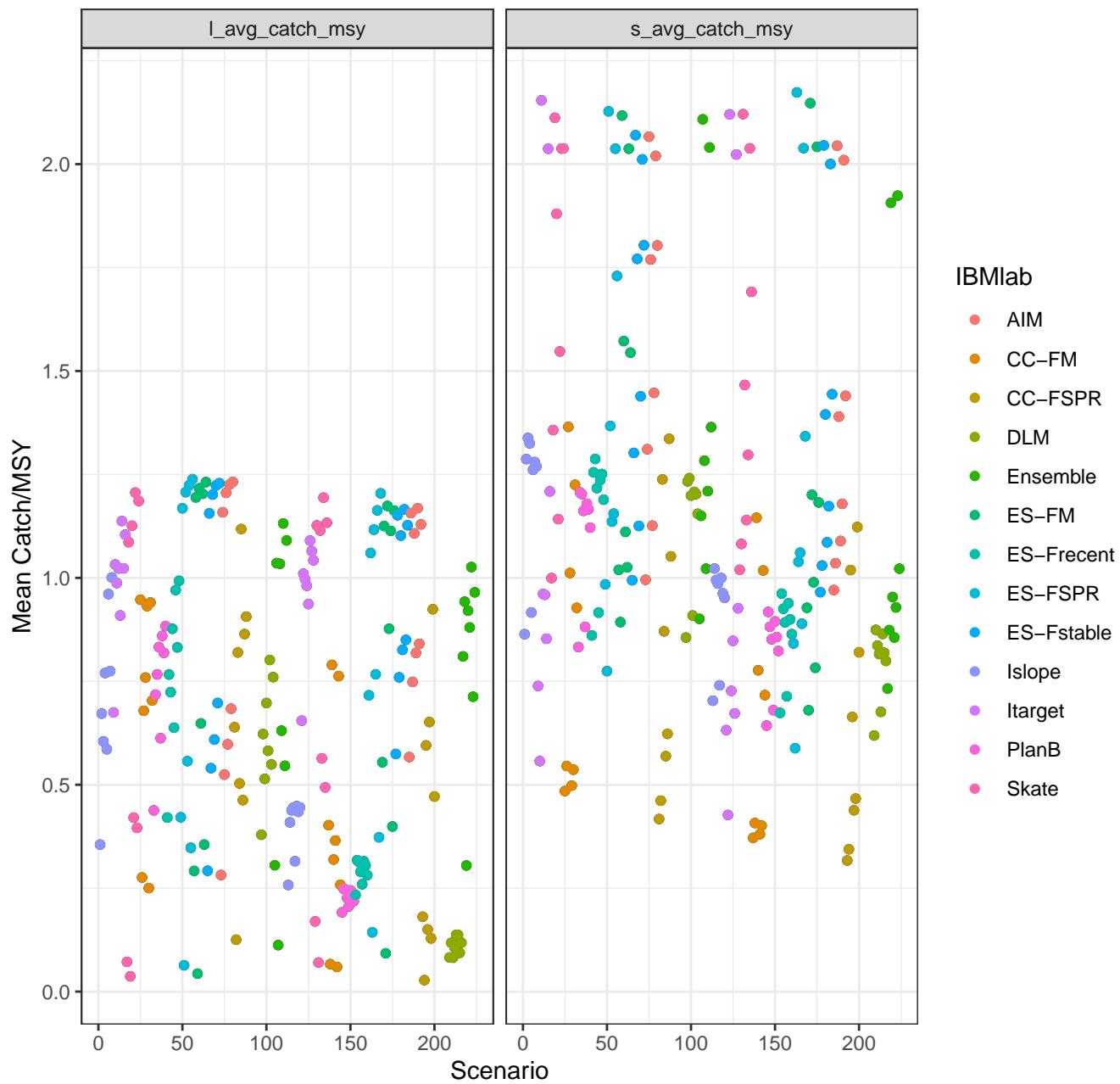
Catch



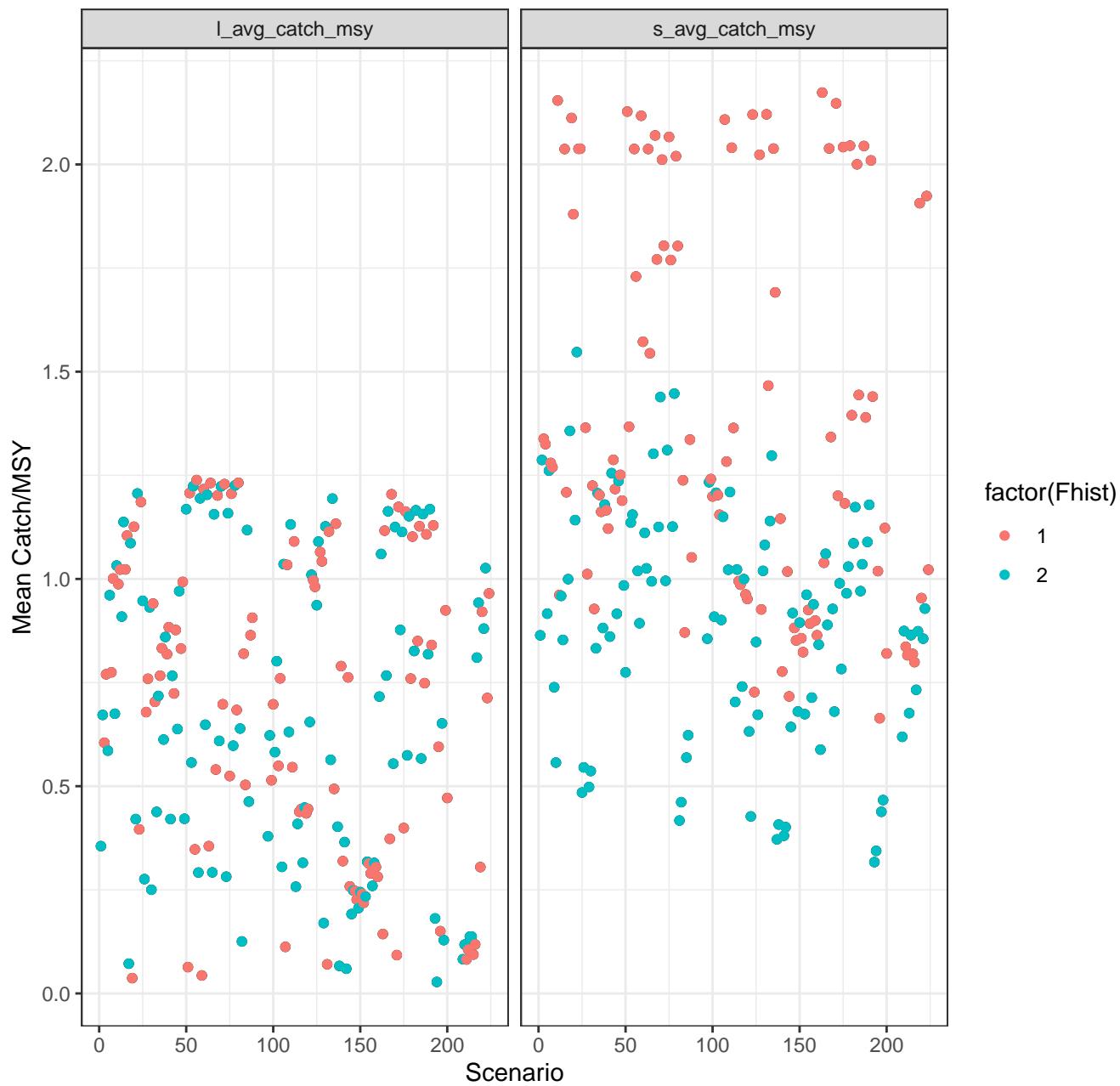
Catch



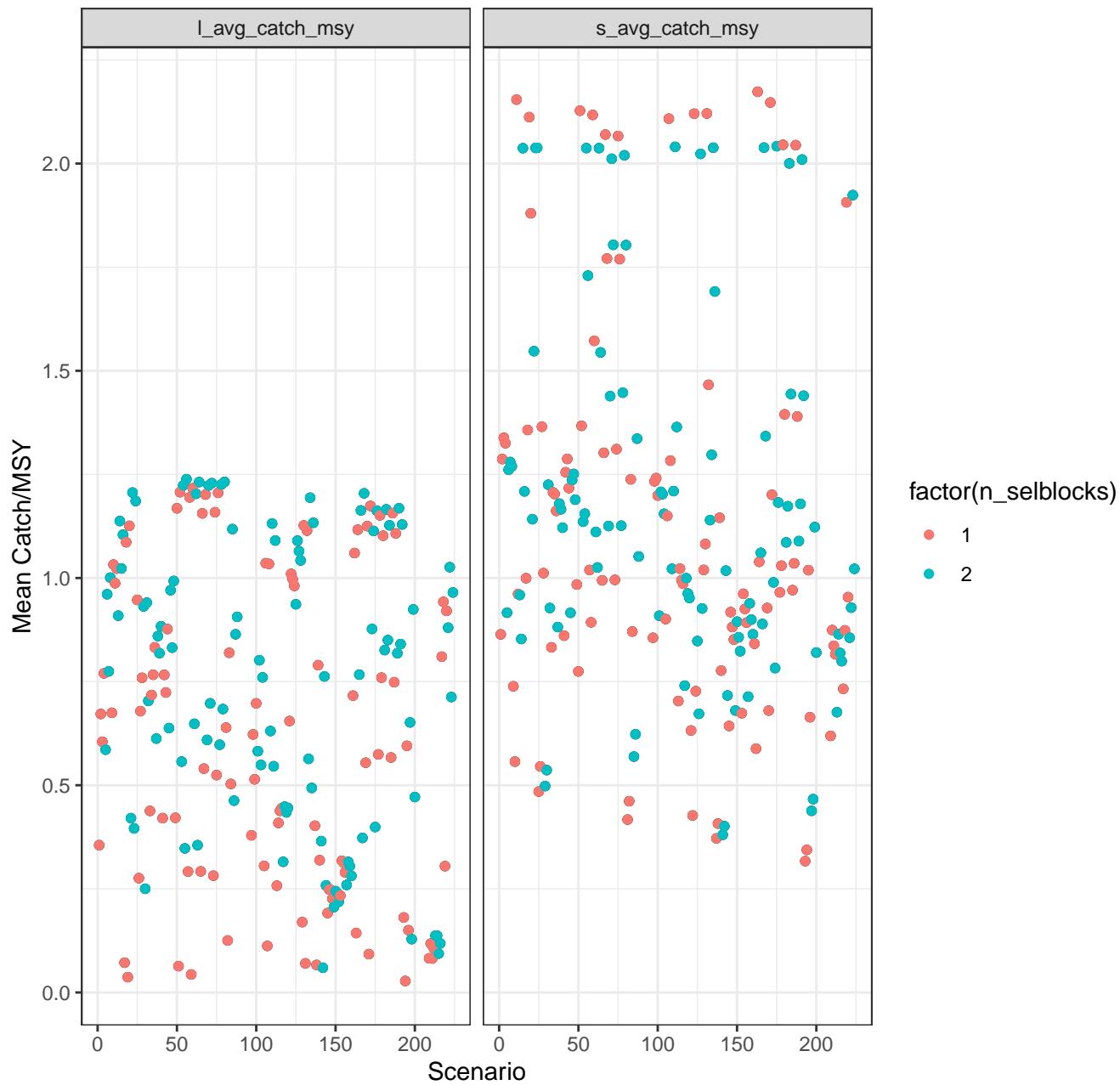
Catch



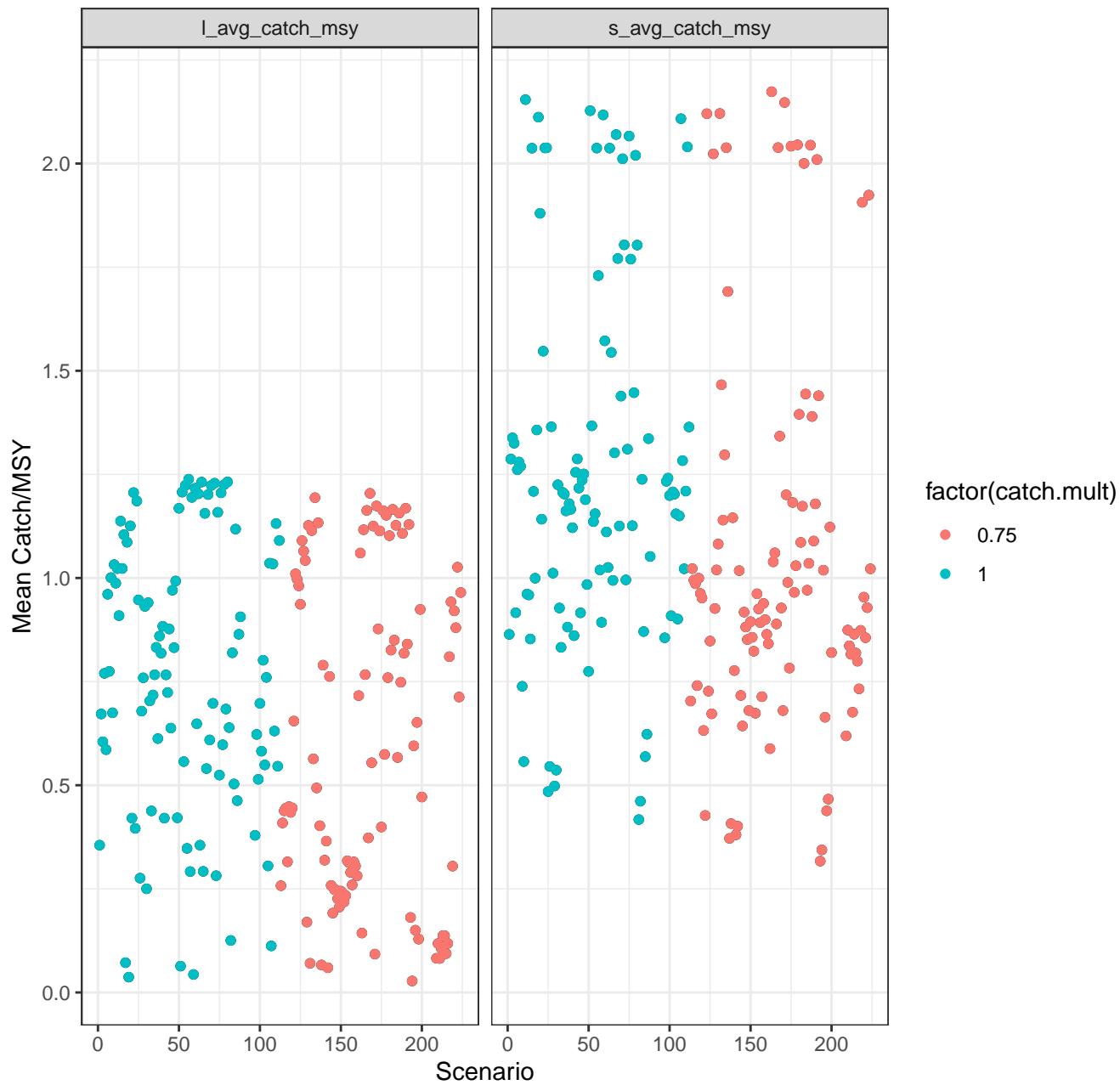
Catch



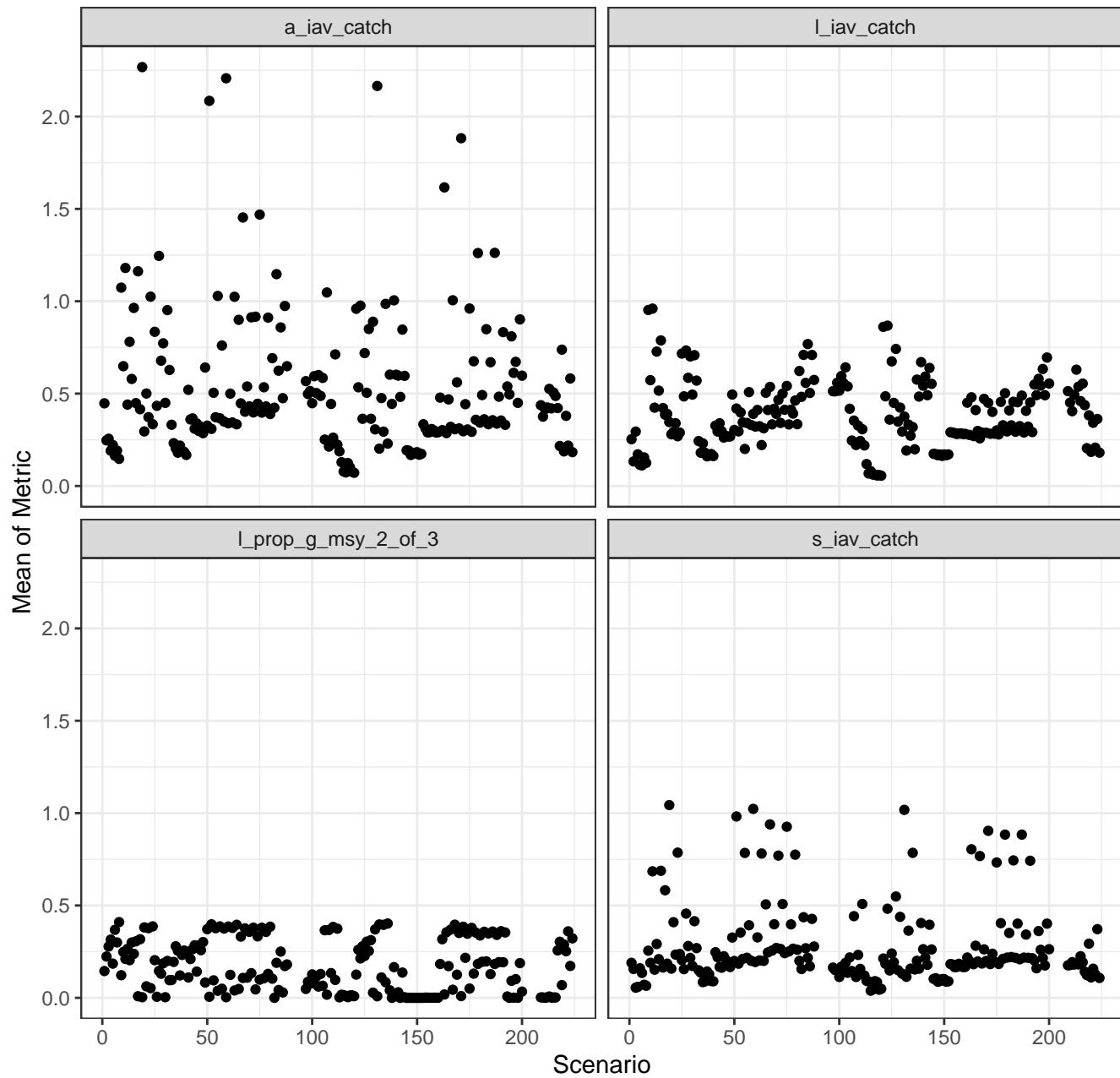
Catch



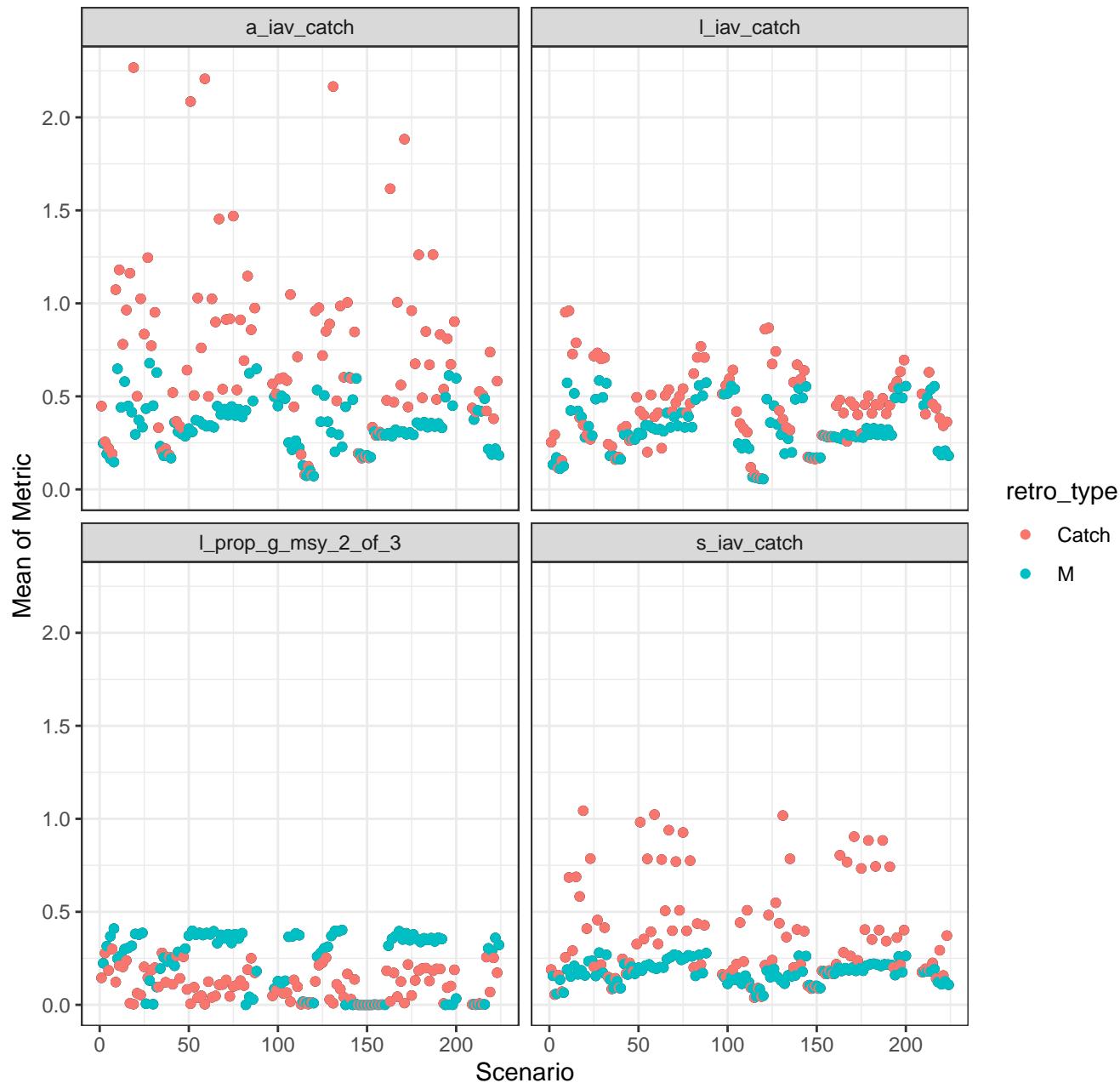
Catch



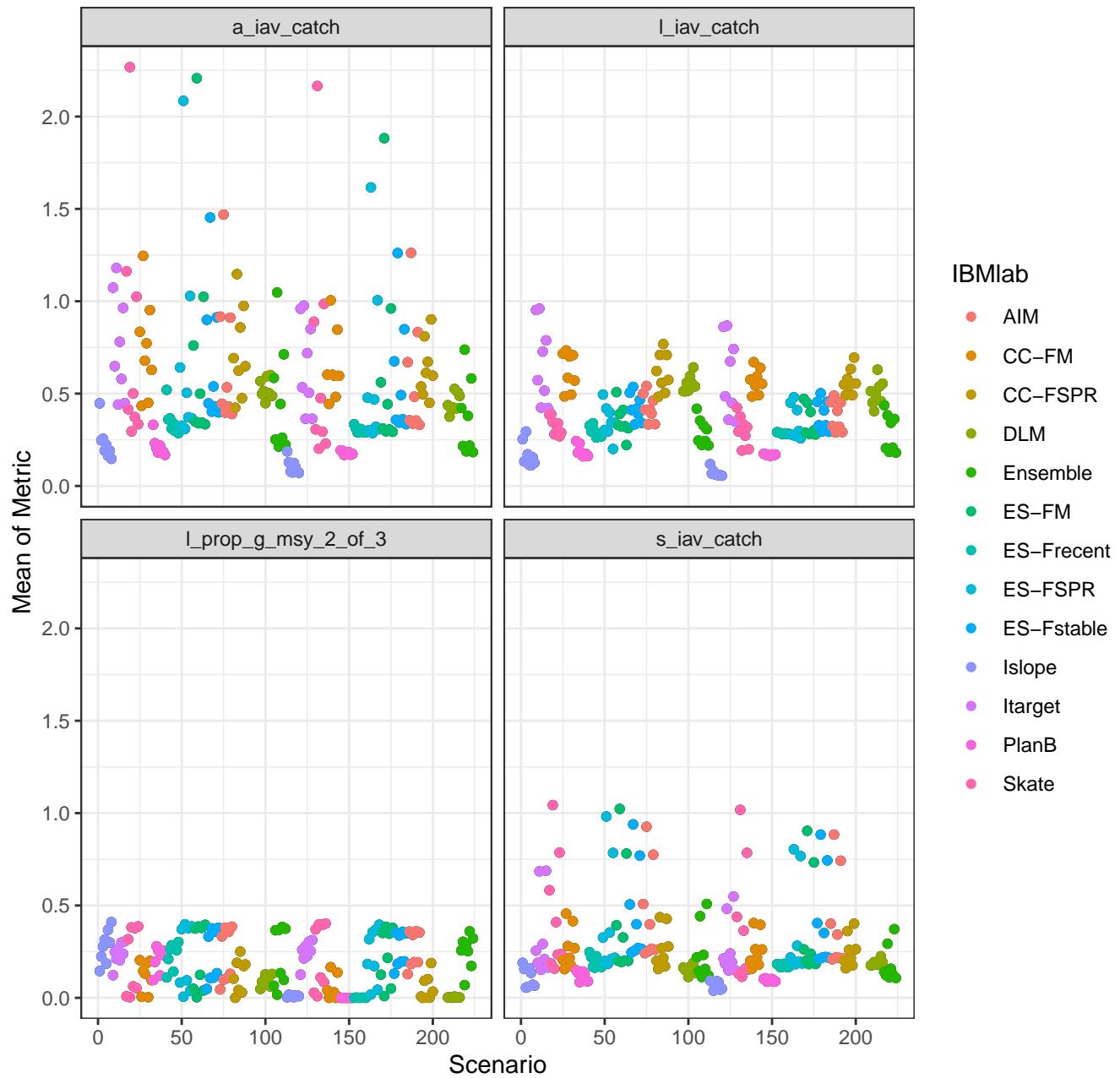
Catch



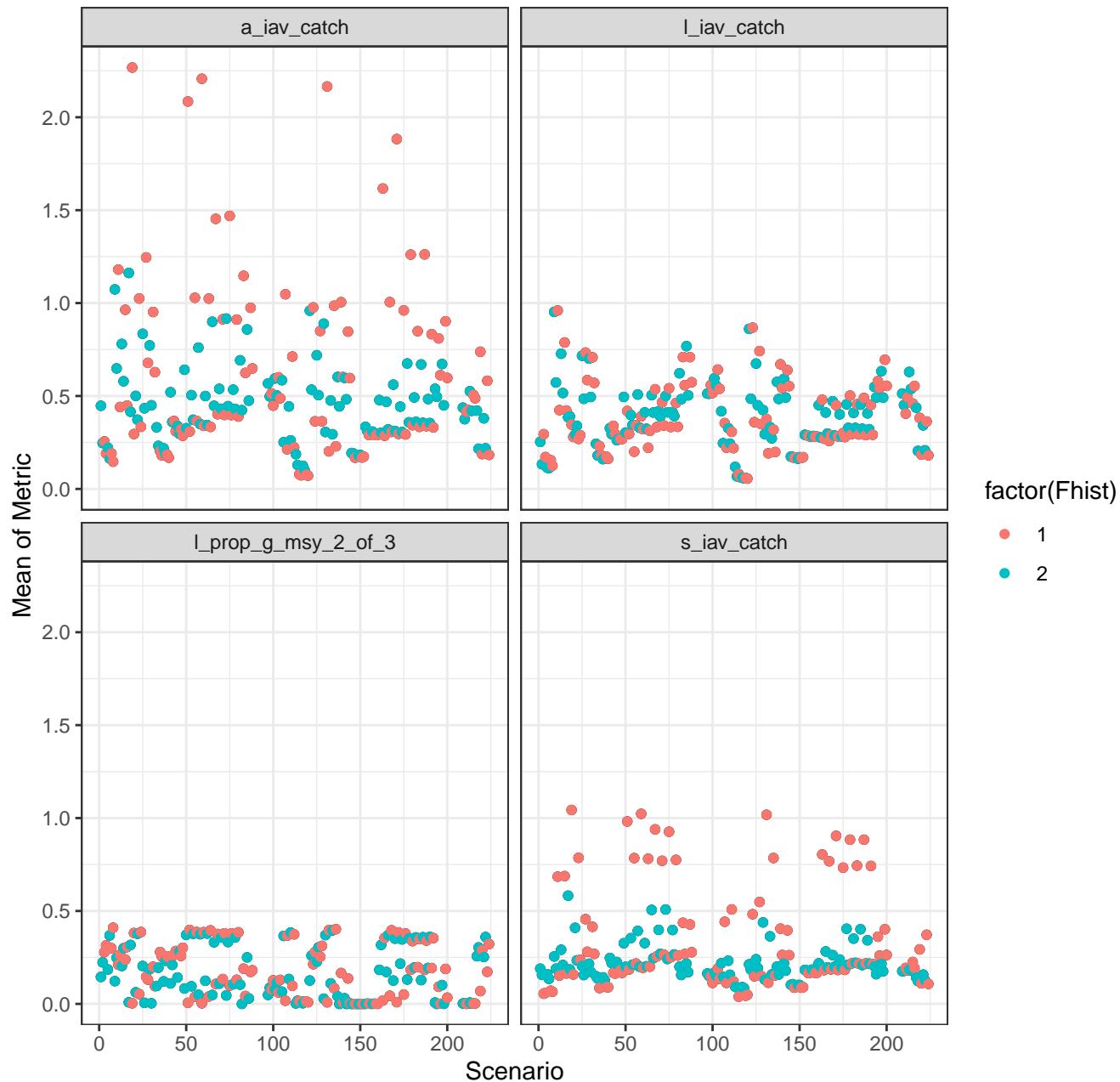
Catch



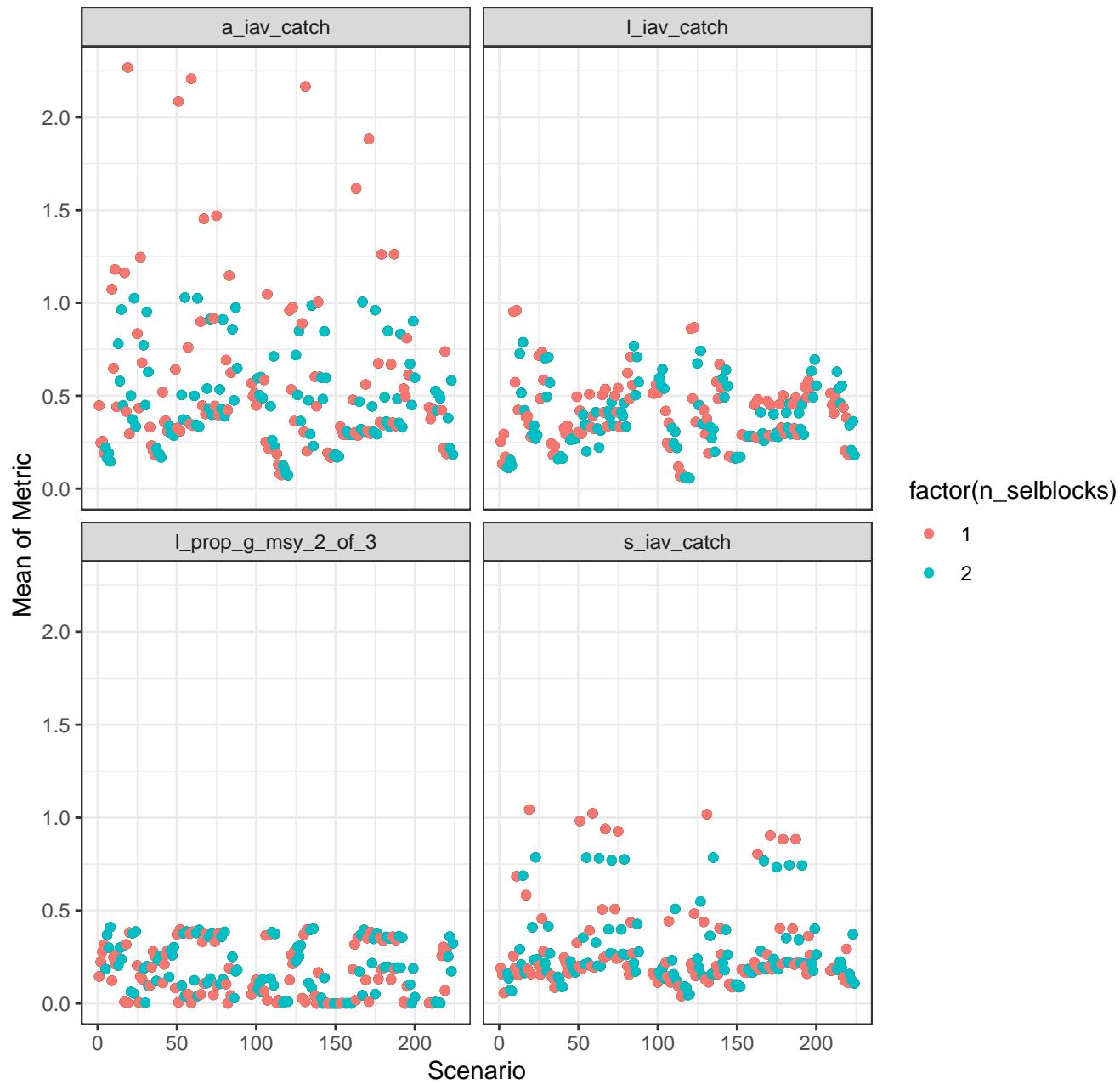
Catch



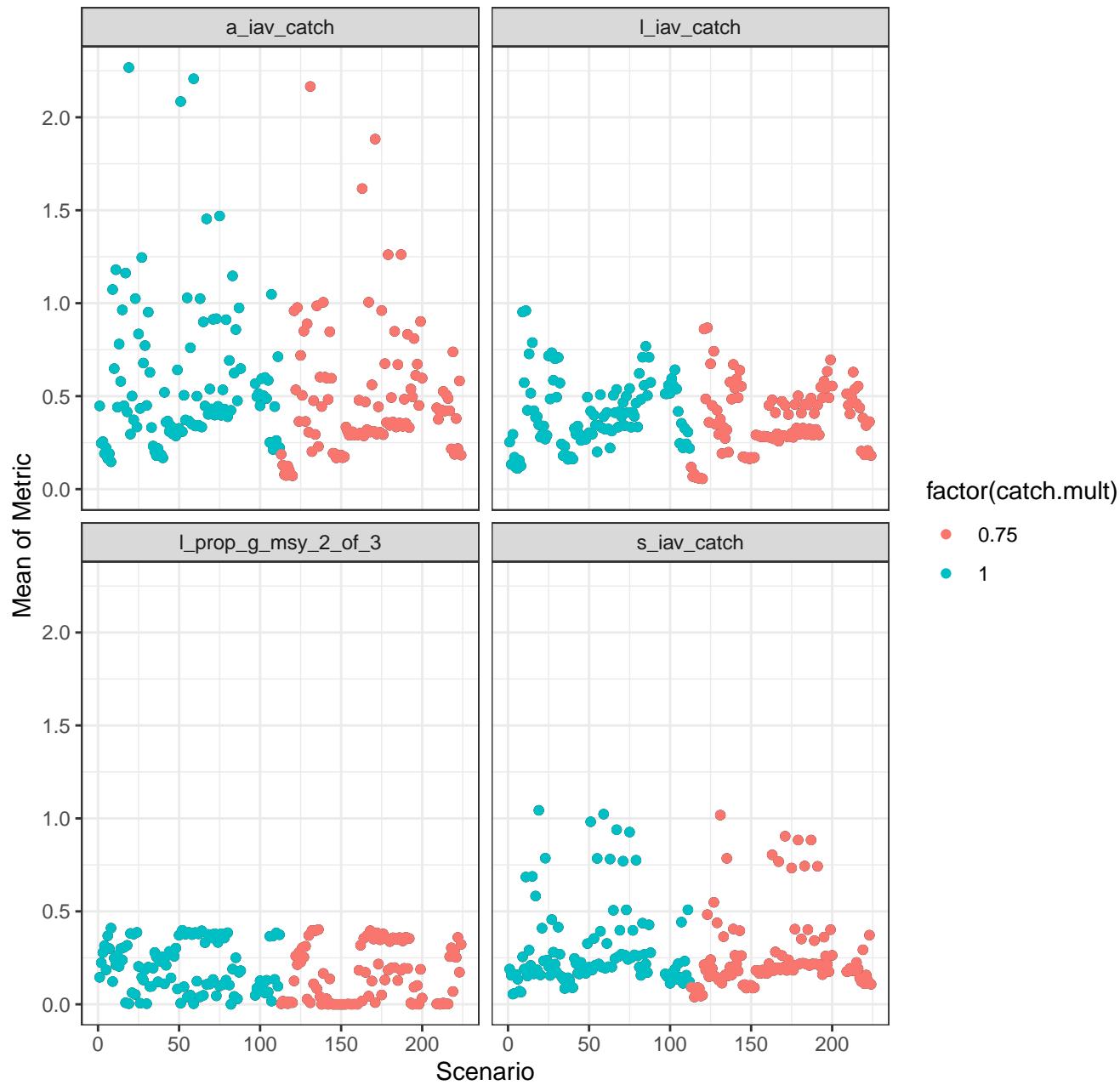
Catch



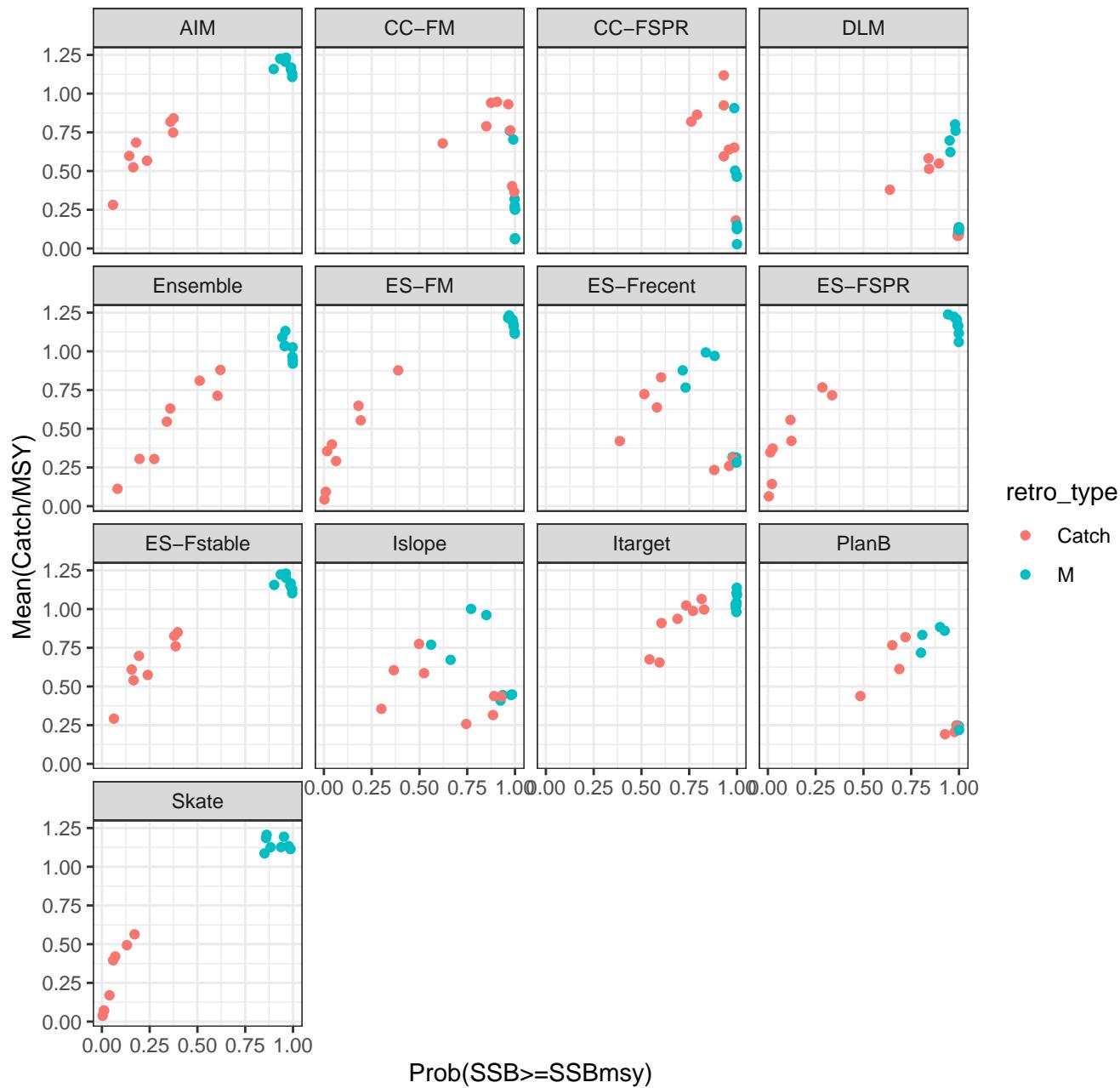
Catch



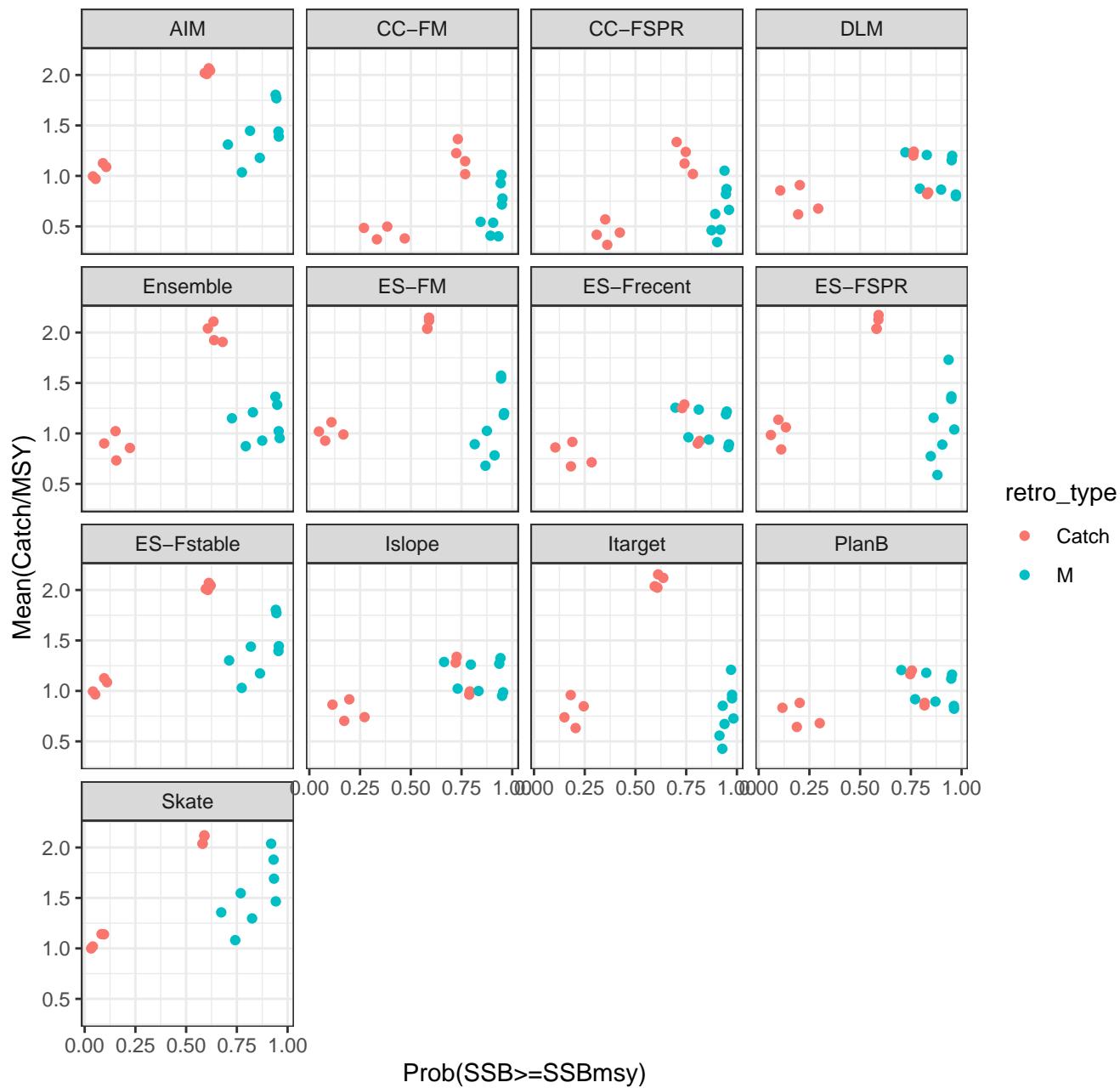
Catch



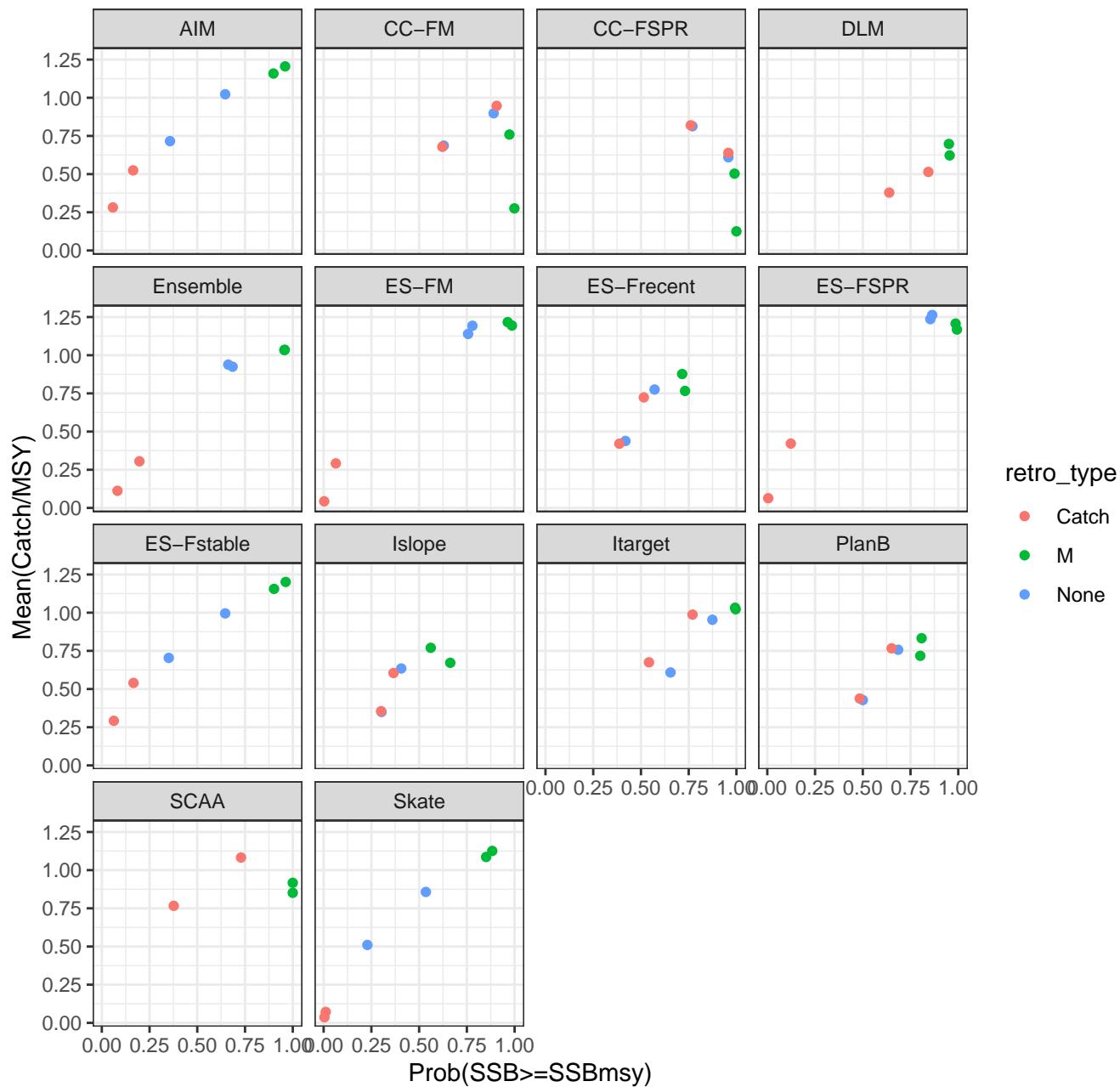
Long Term



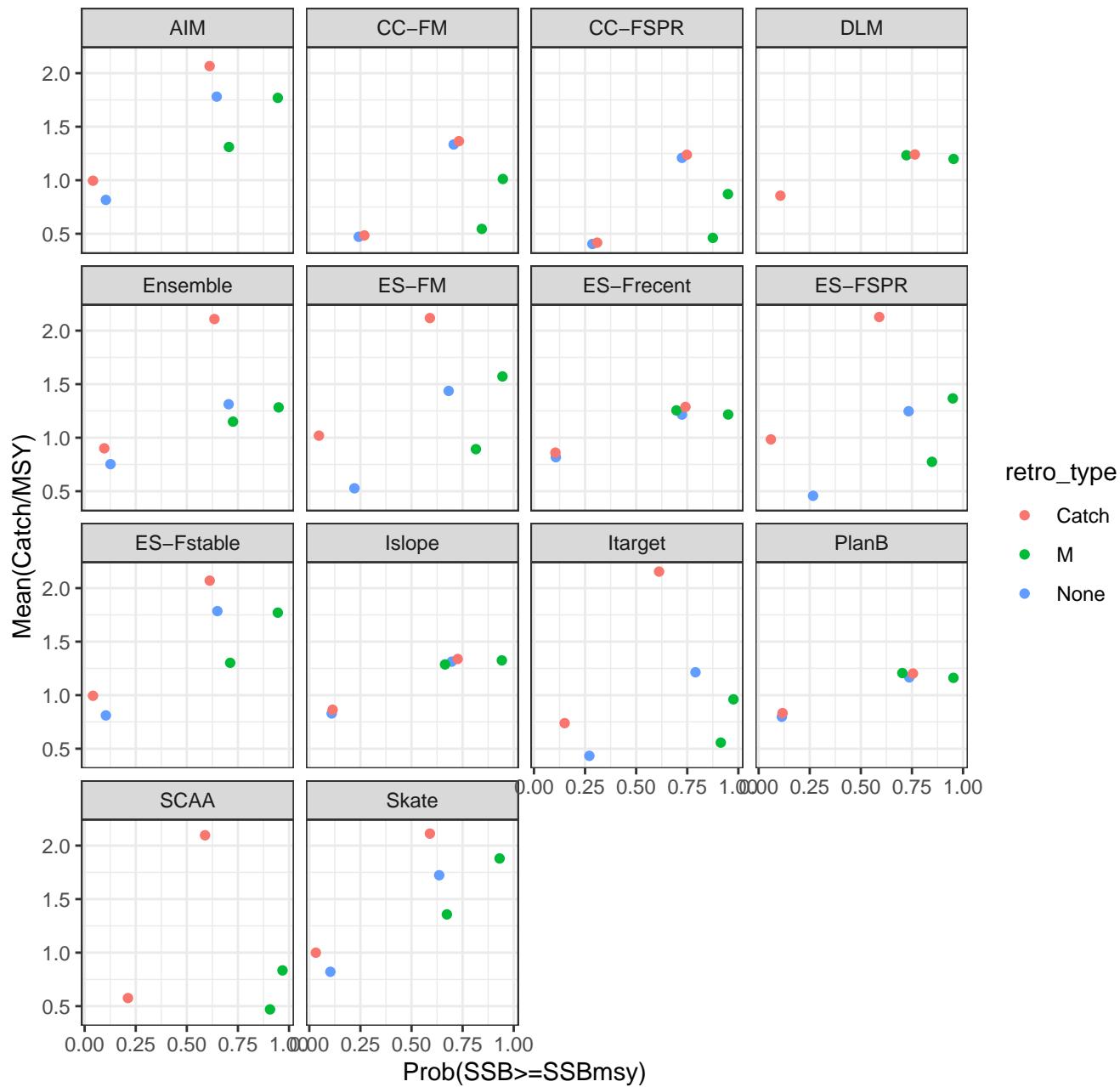
Short Term



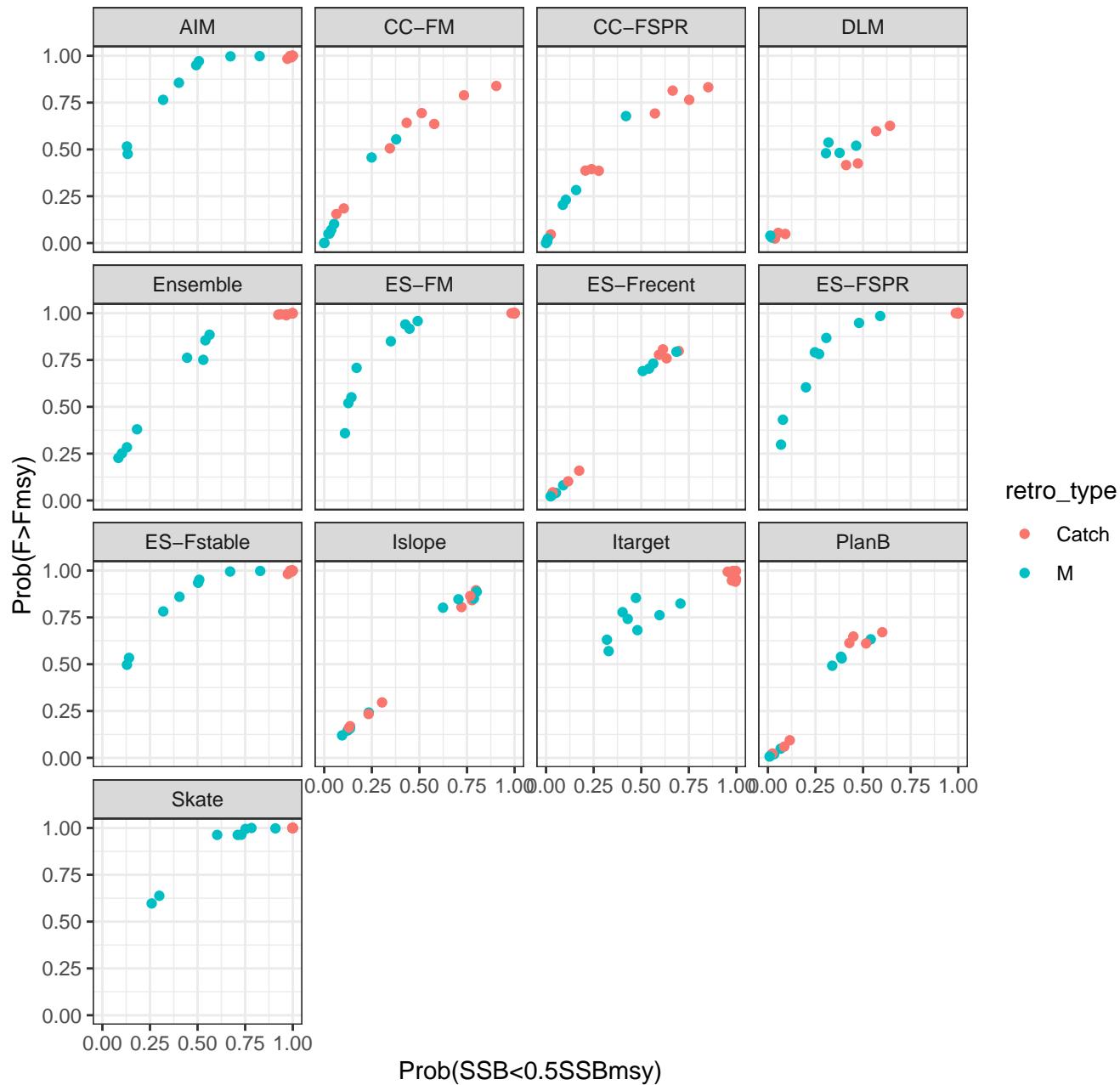
Long Term (SCAA scenarios)



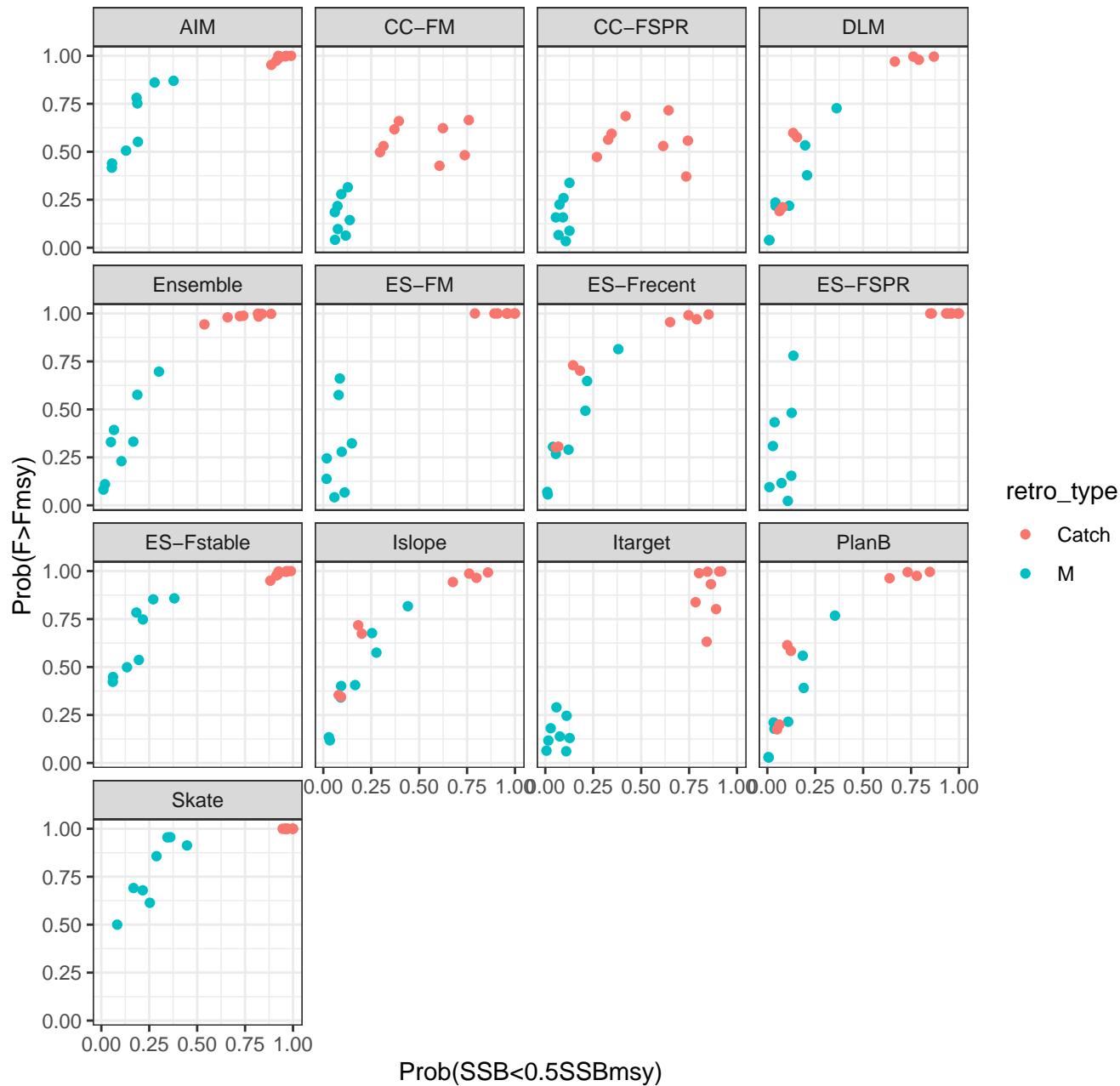
Short Term (SCAA scenarios)



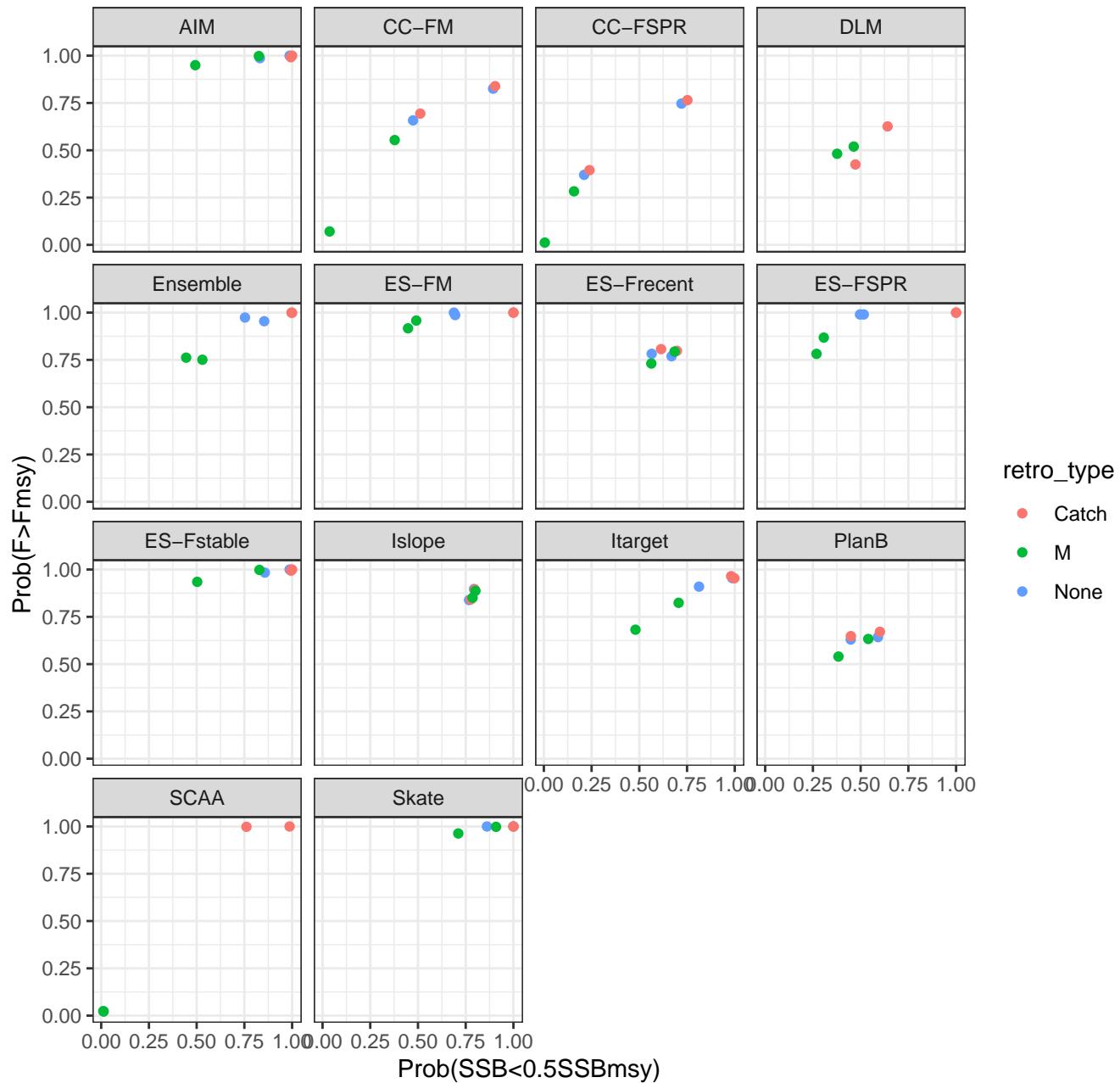
Long Term



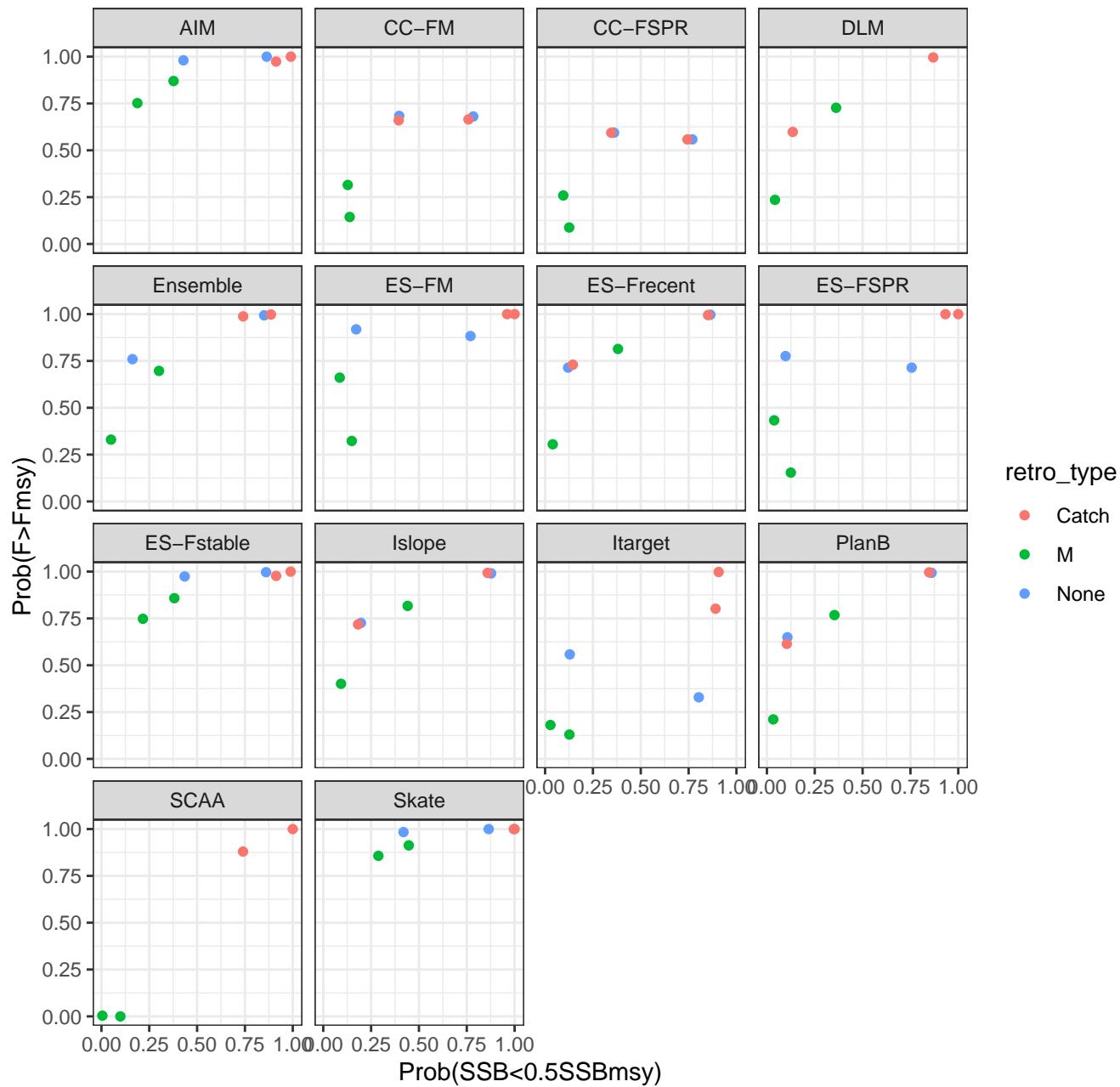
Short Term



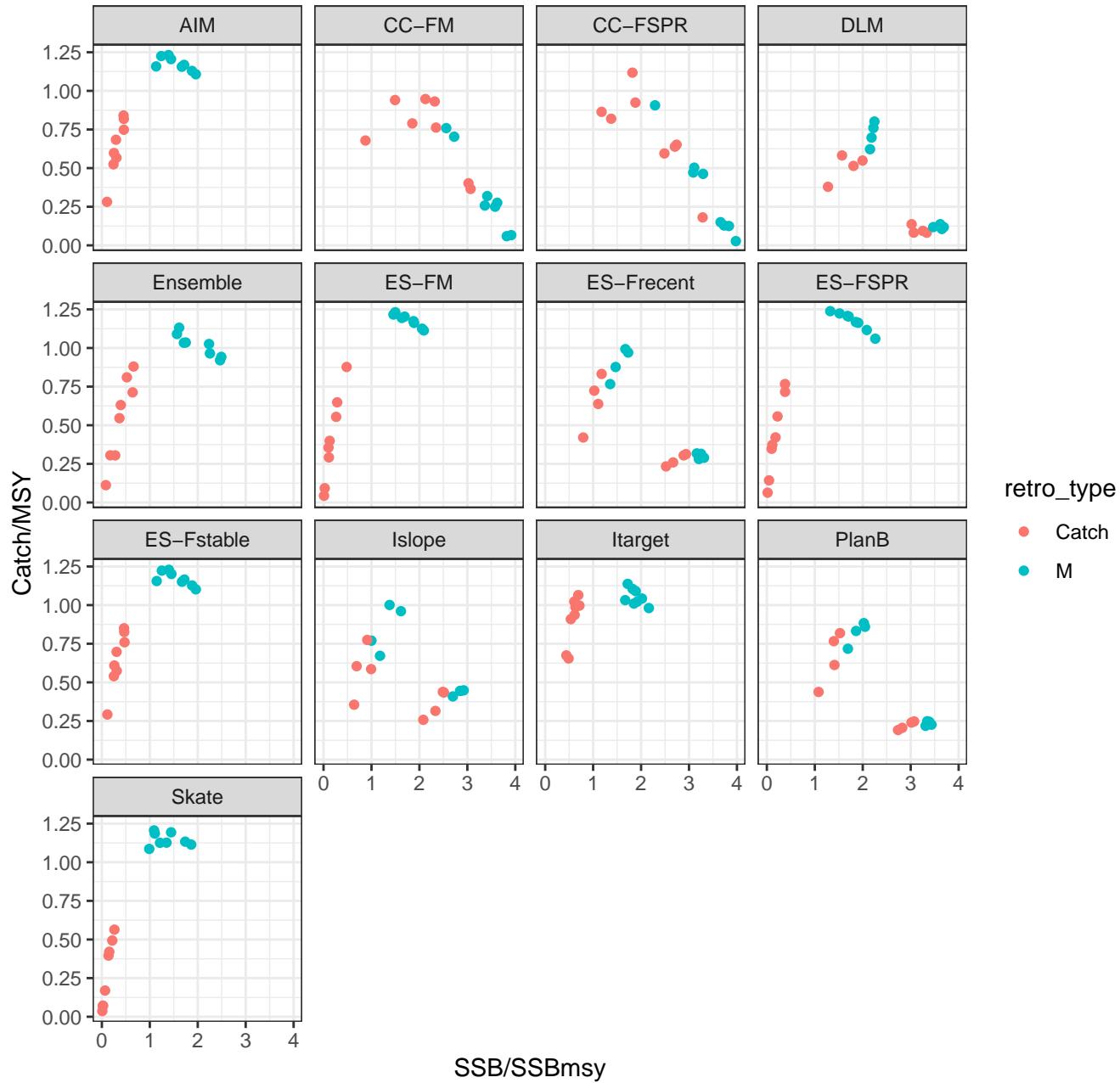
Long Term (SCAA scenarios)



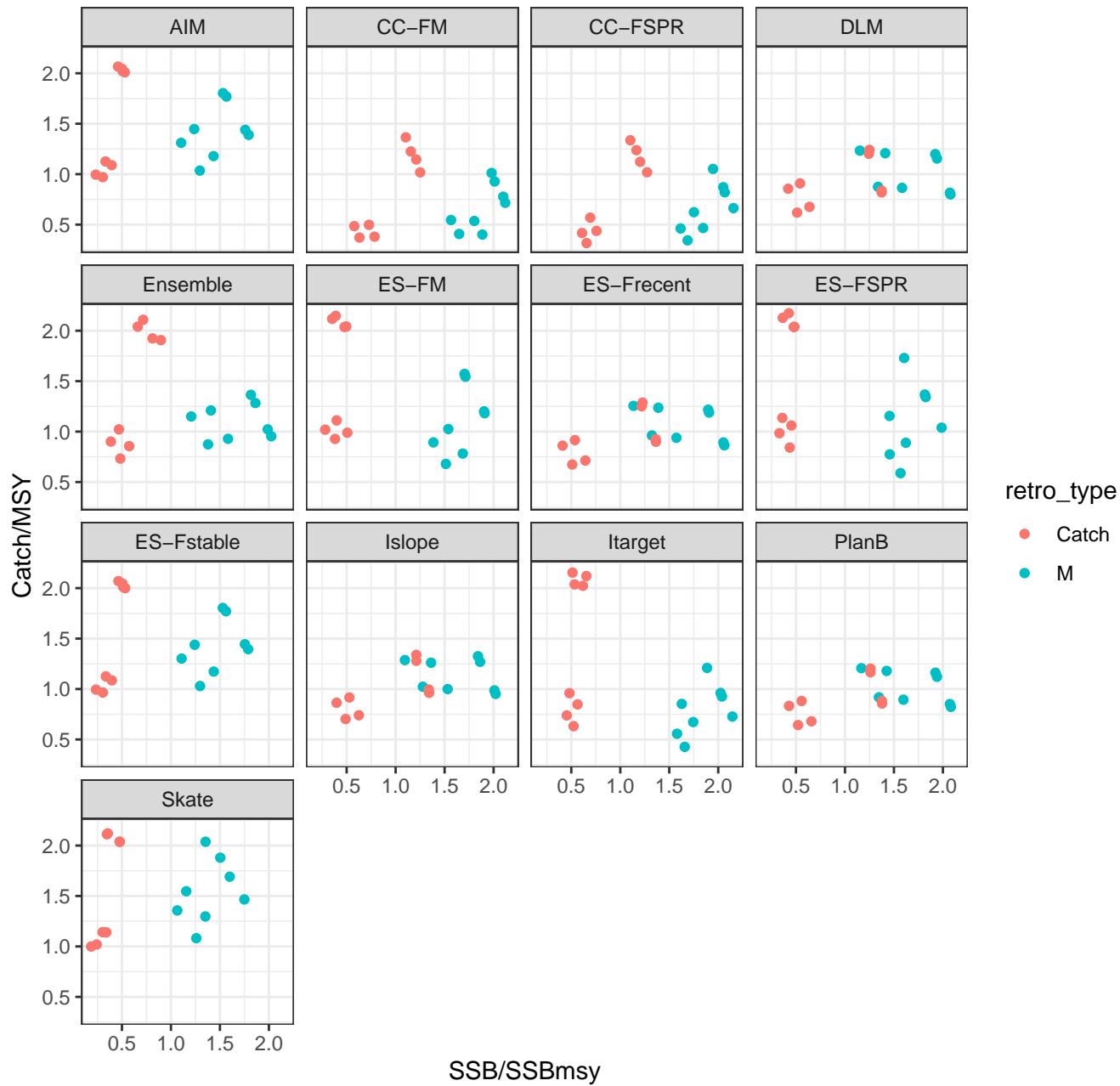
Short Term (SCAA scenarios)



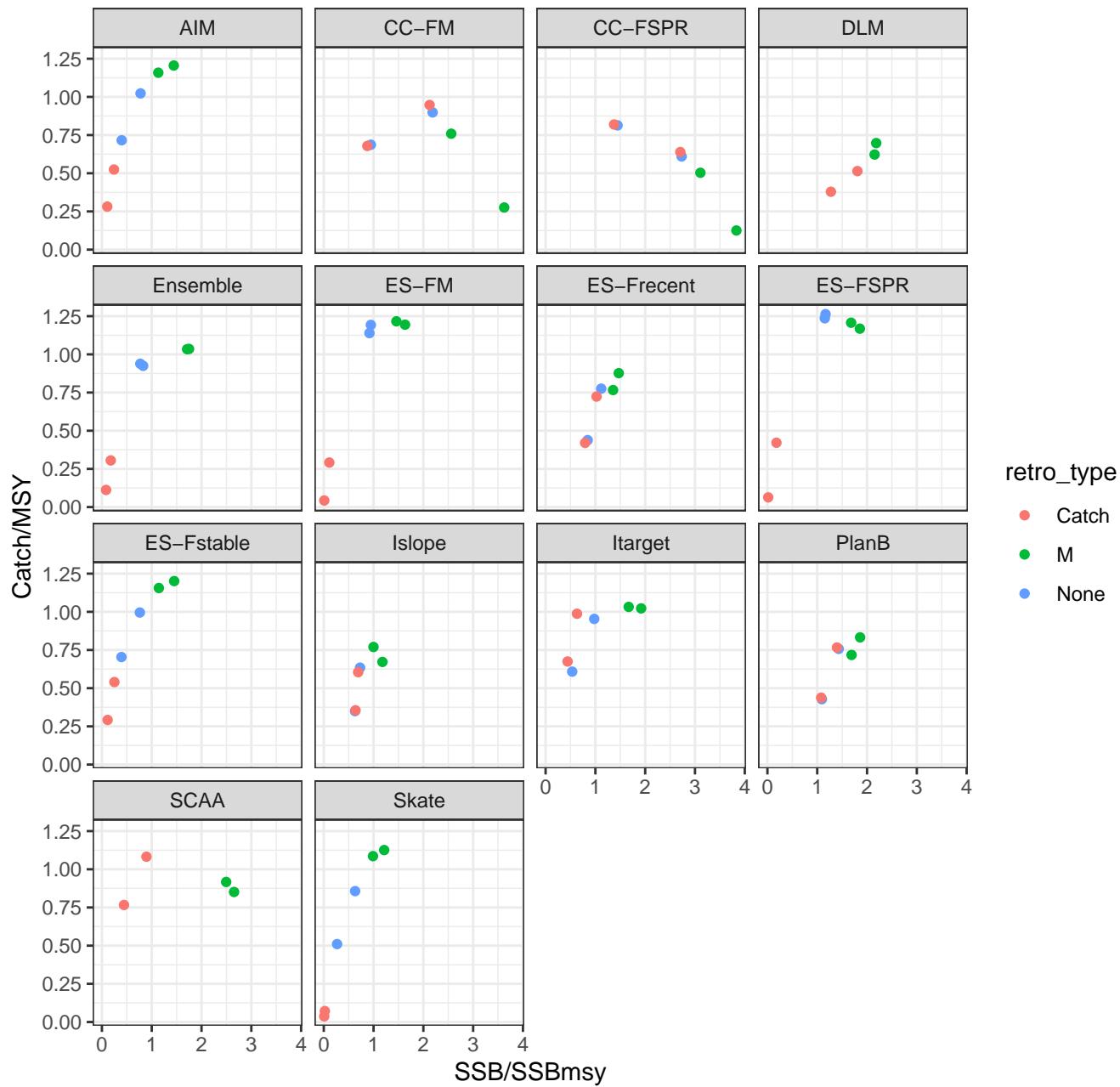
Long Term



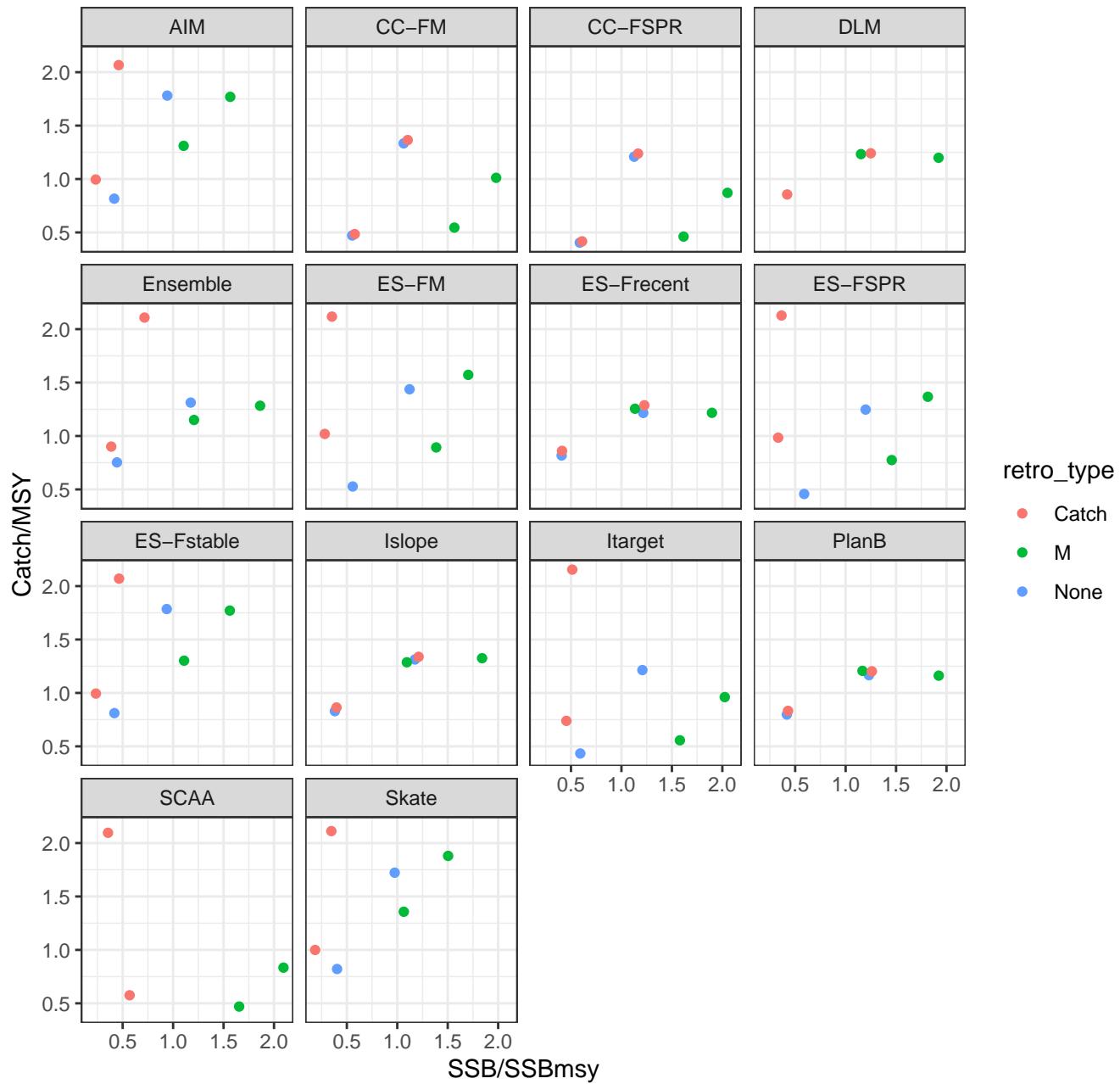
Short Term



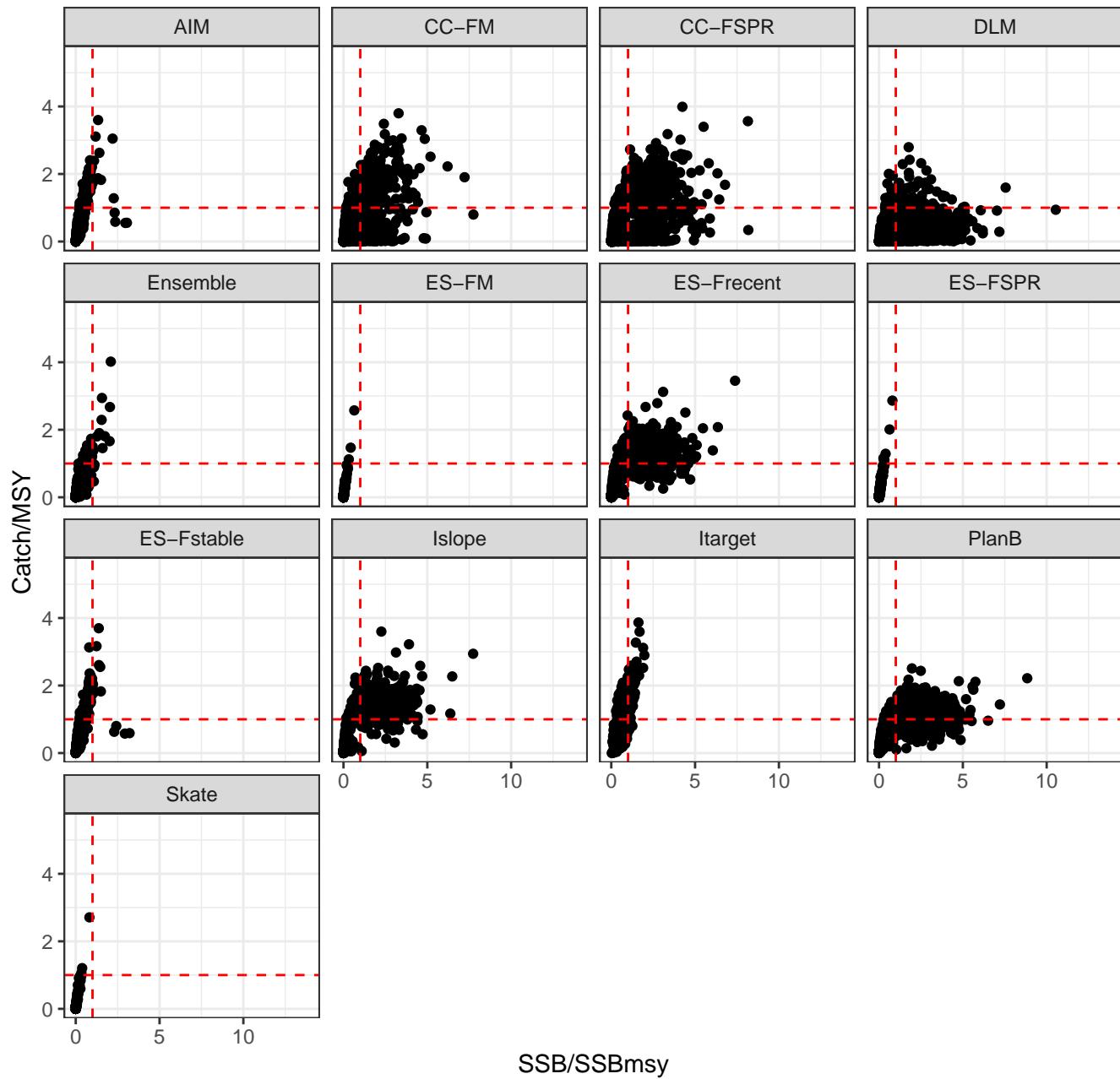
Long Term (SCAA scenarios)



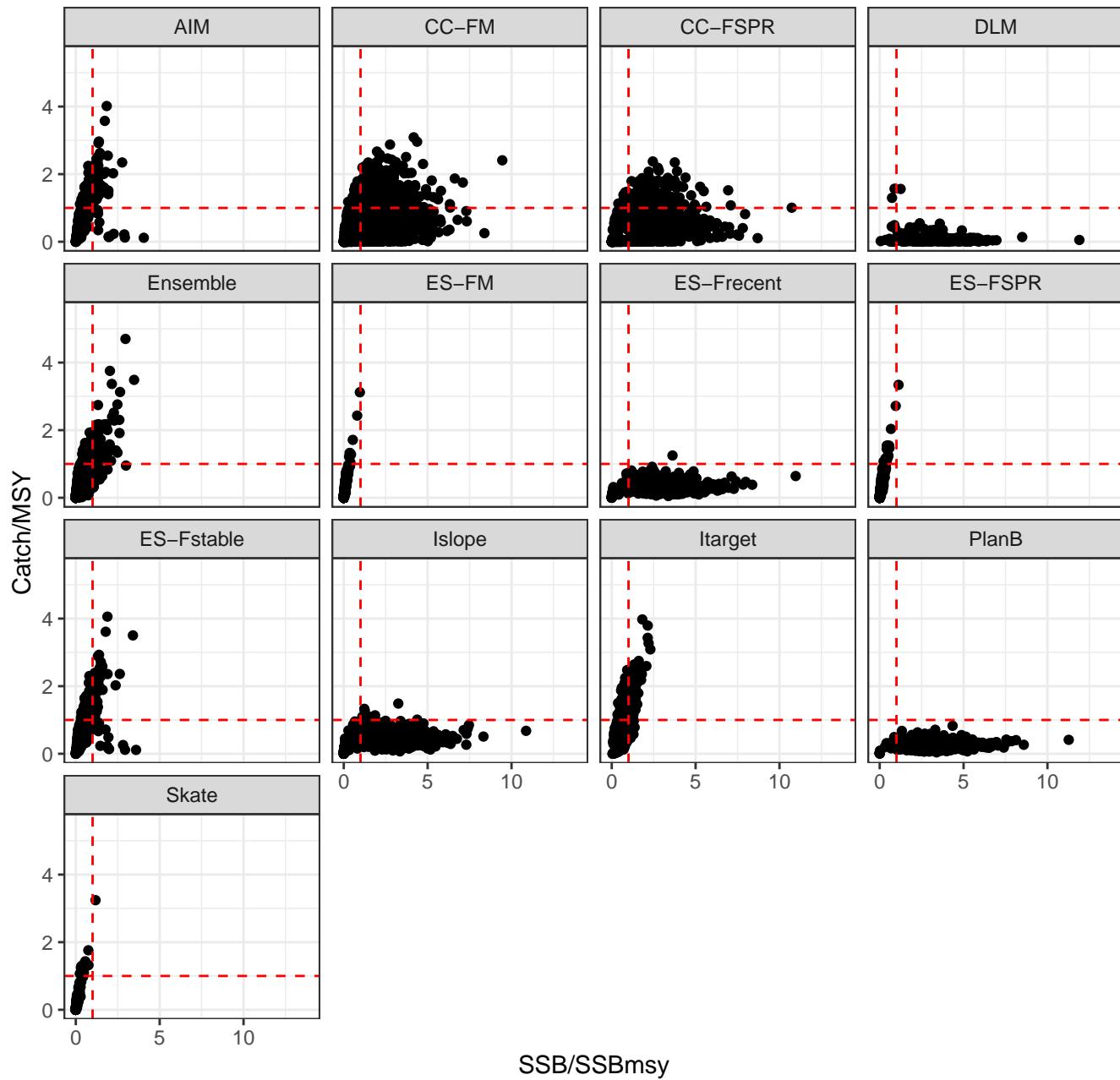
Short Term (SCAA scenarios)



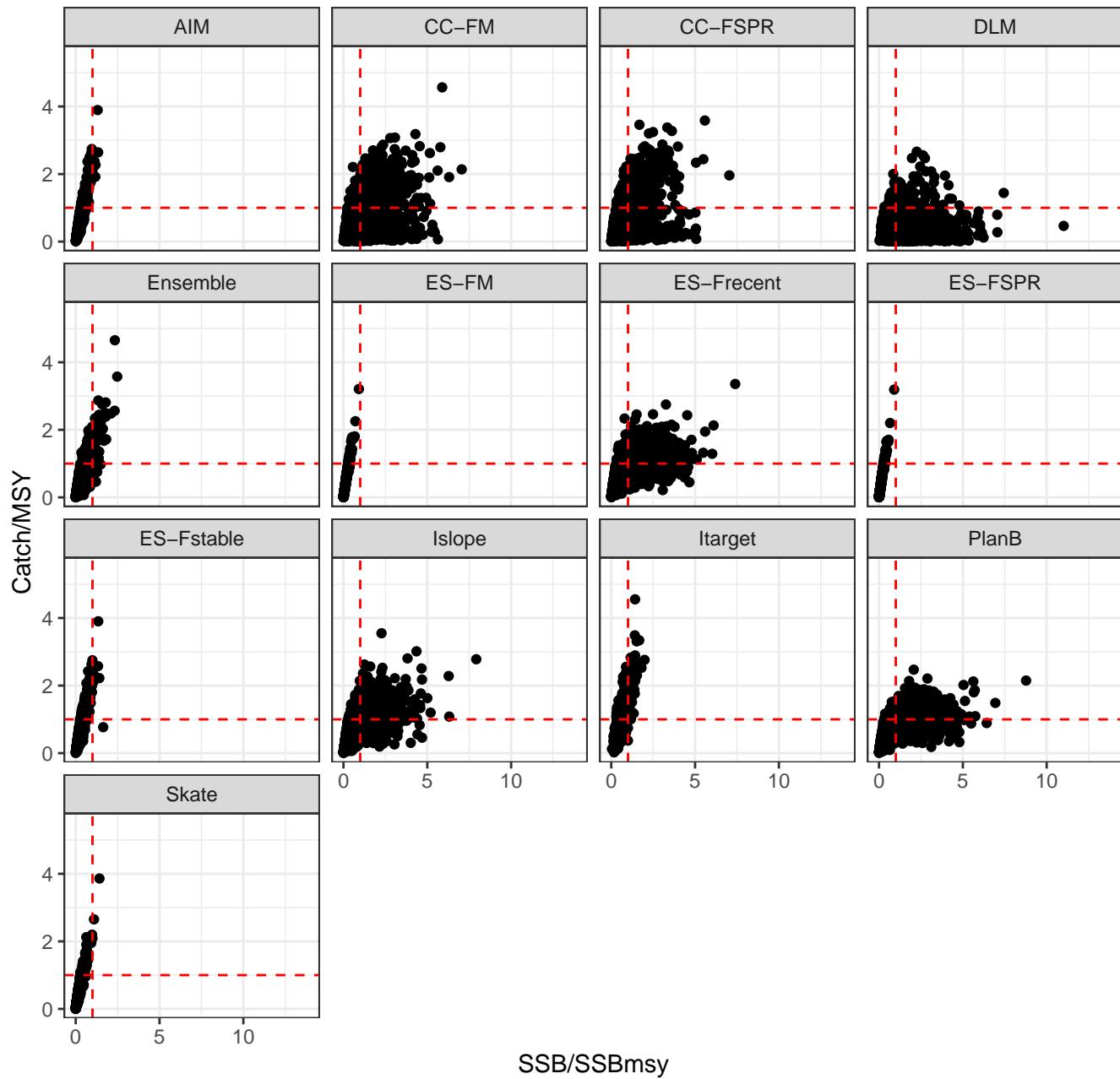
CF1A Long Term



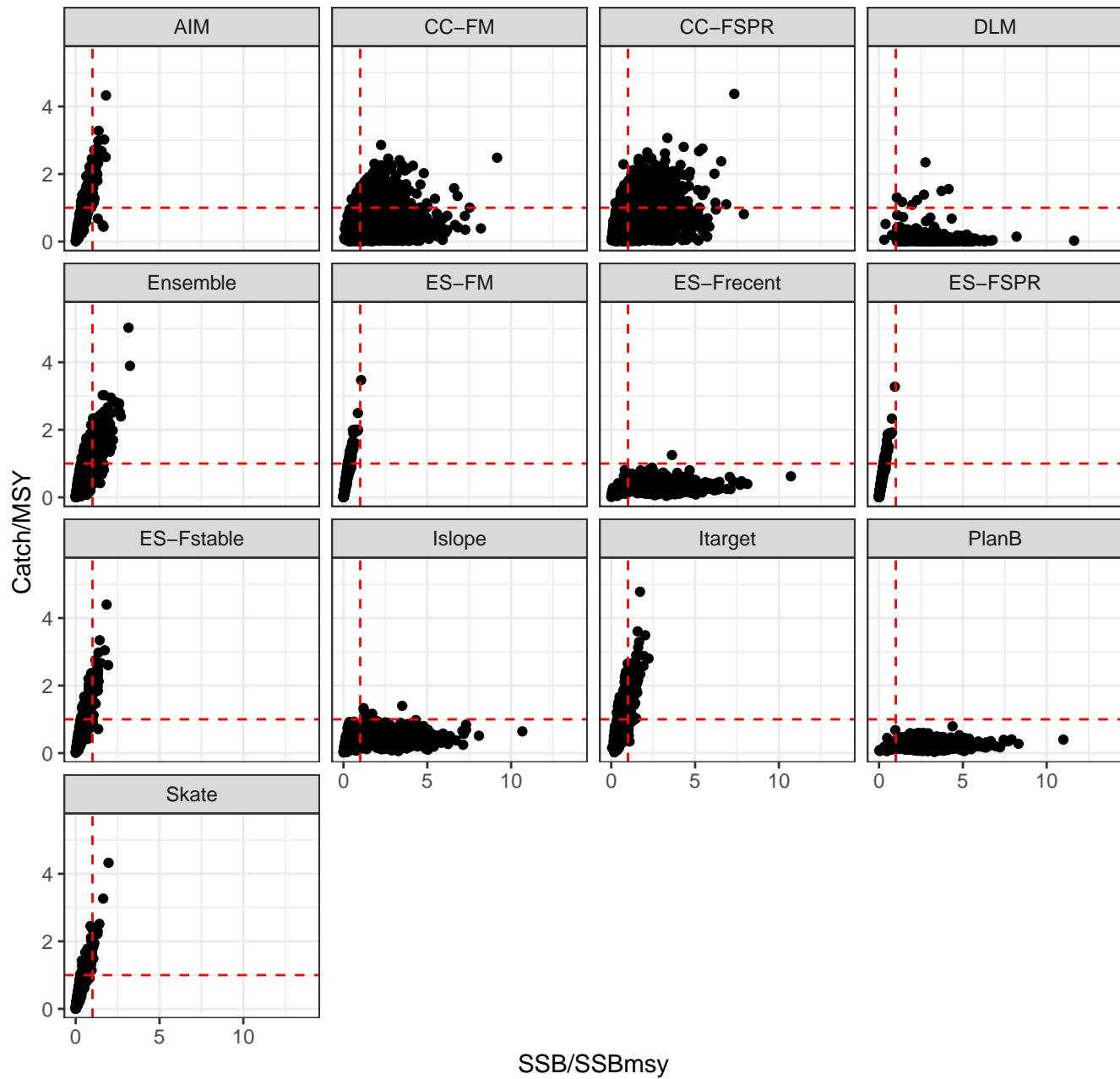
CF1R Long Term



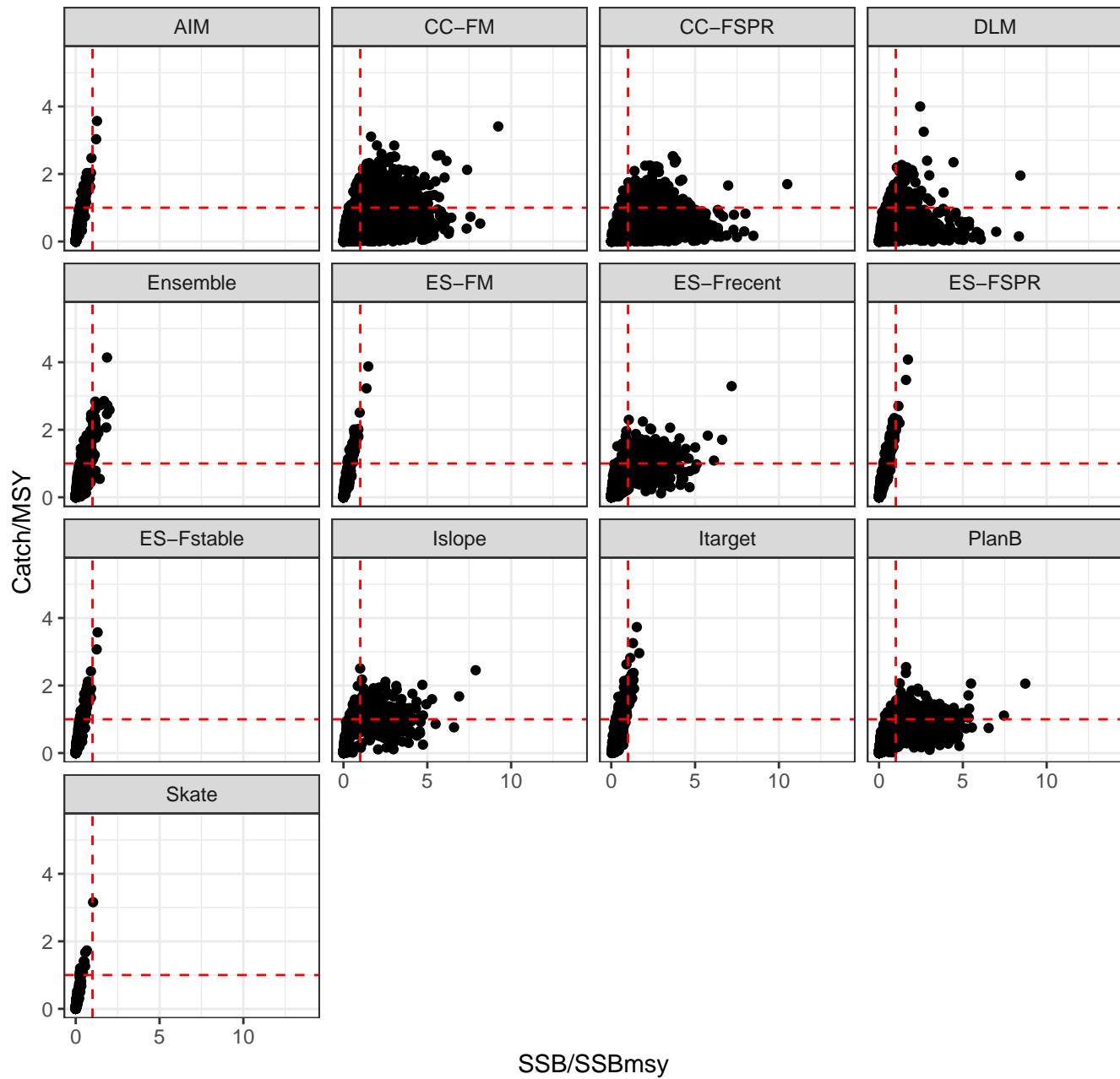
CF2A Long Term



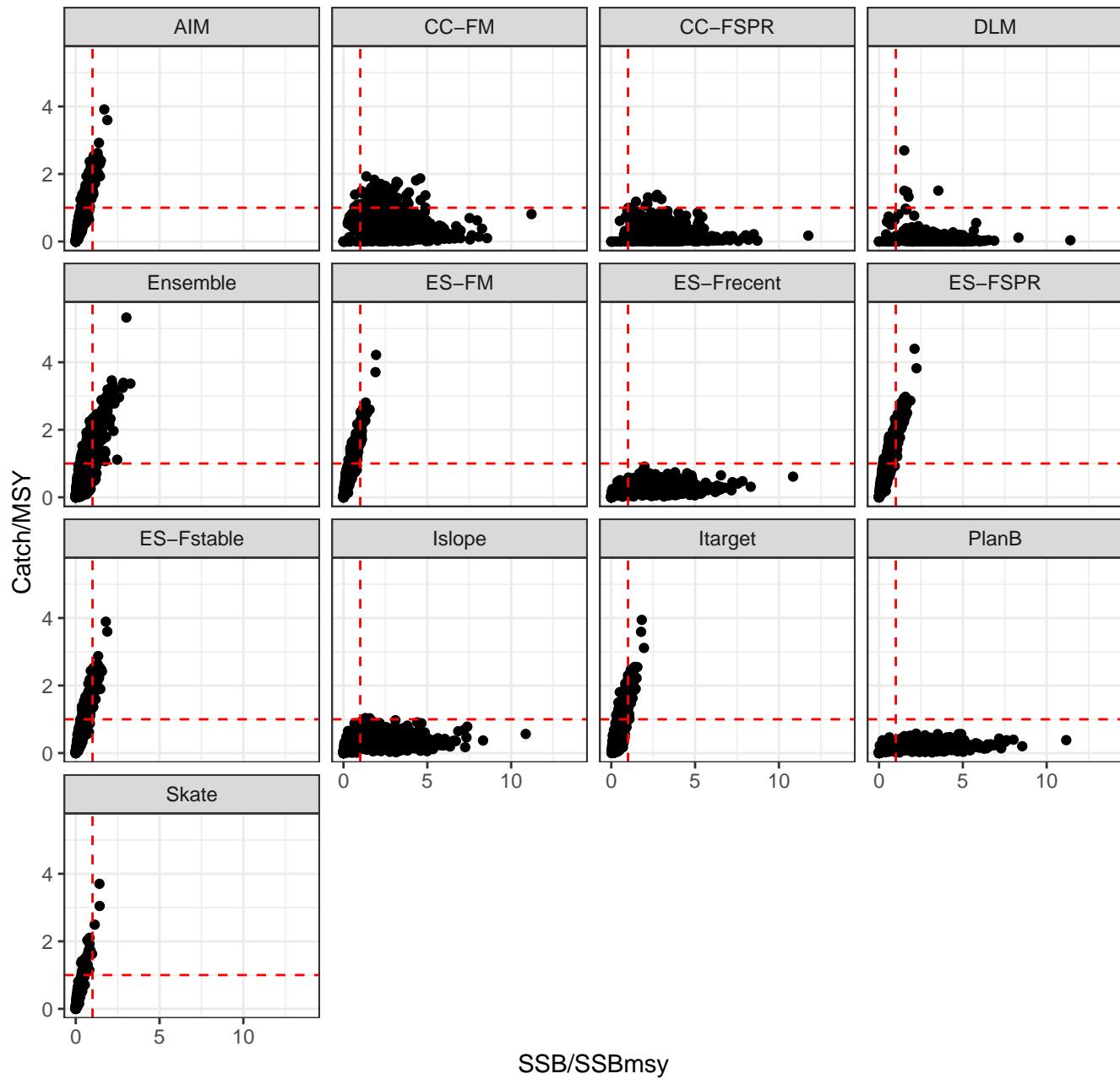
CF2R Long Term



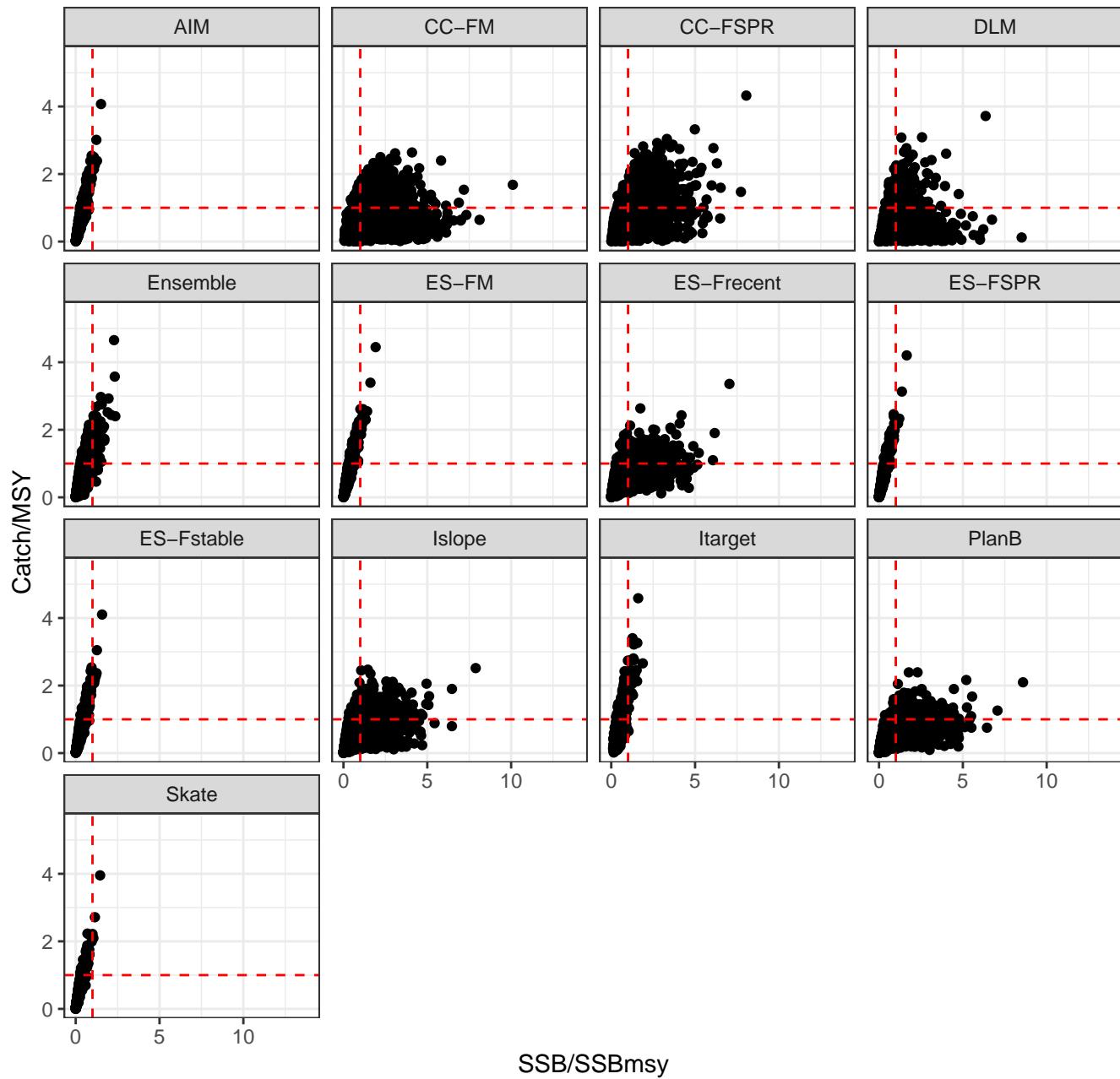
CO1A Long Term



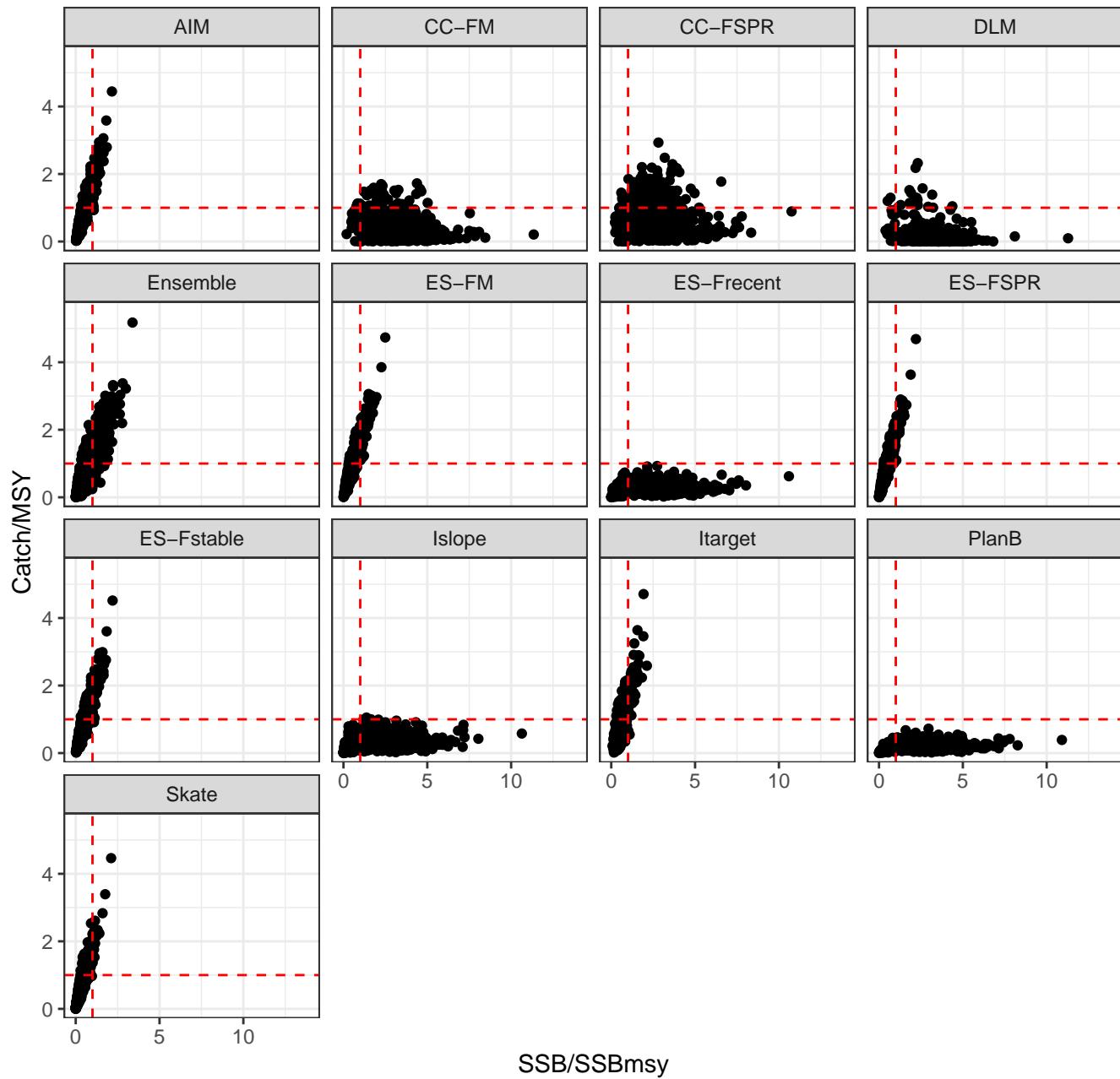
CO1R Long Term



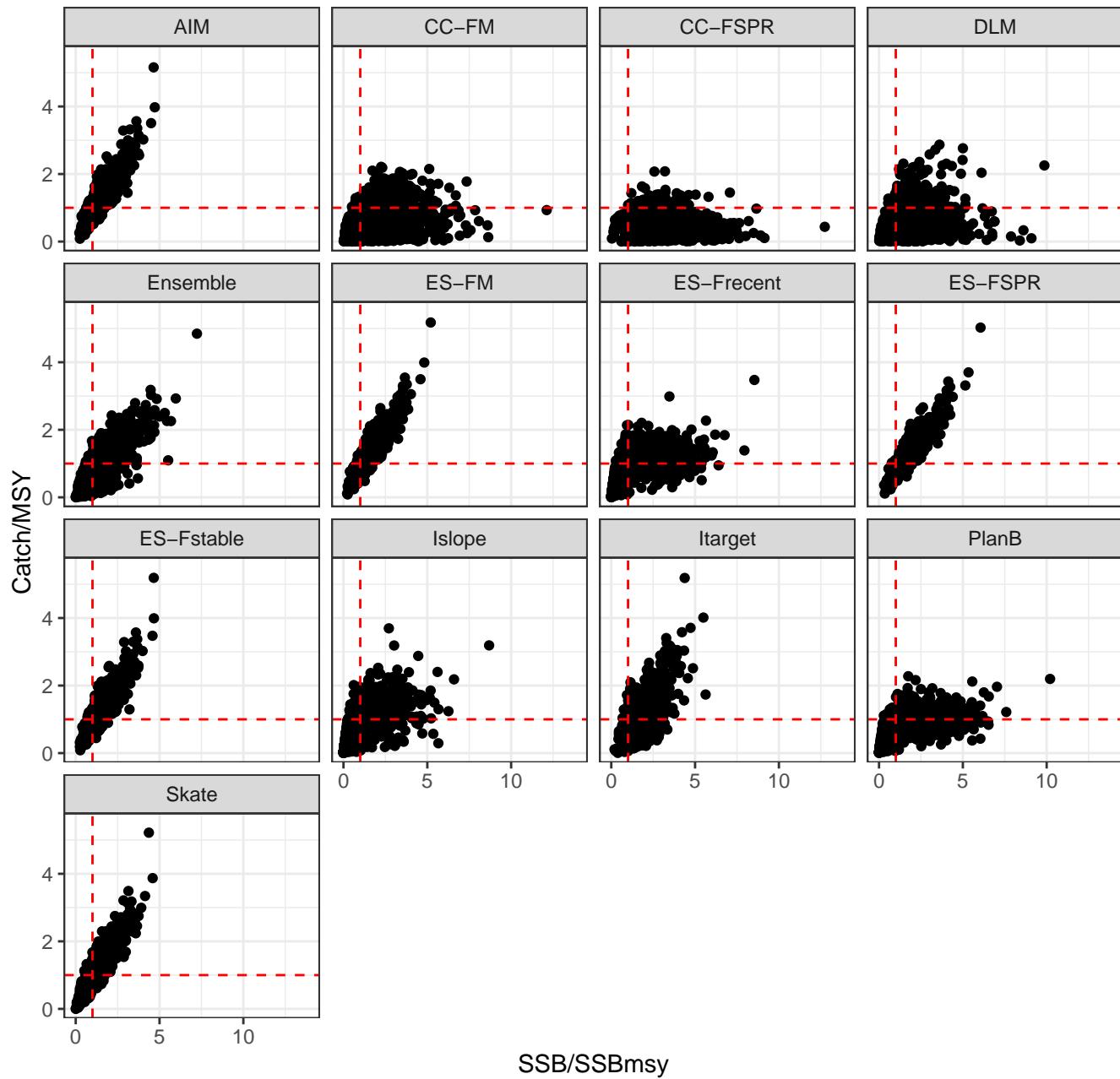
CO2A Long Term



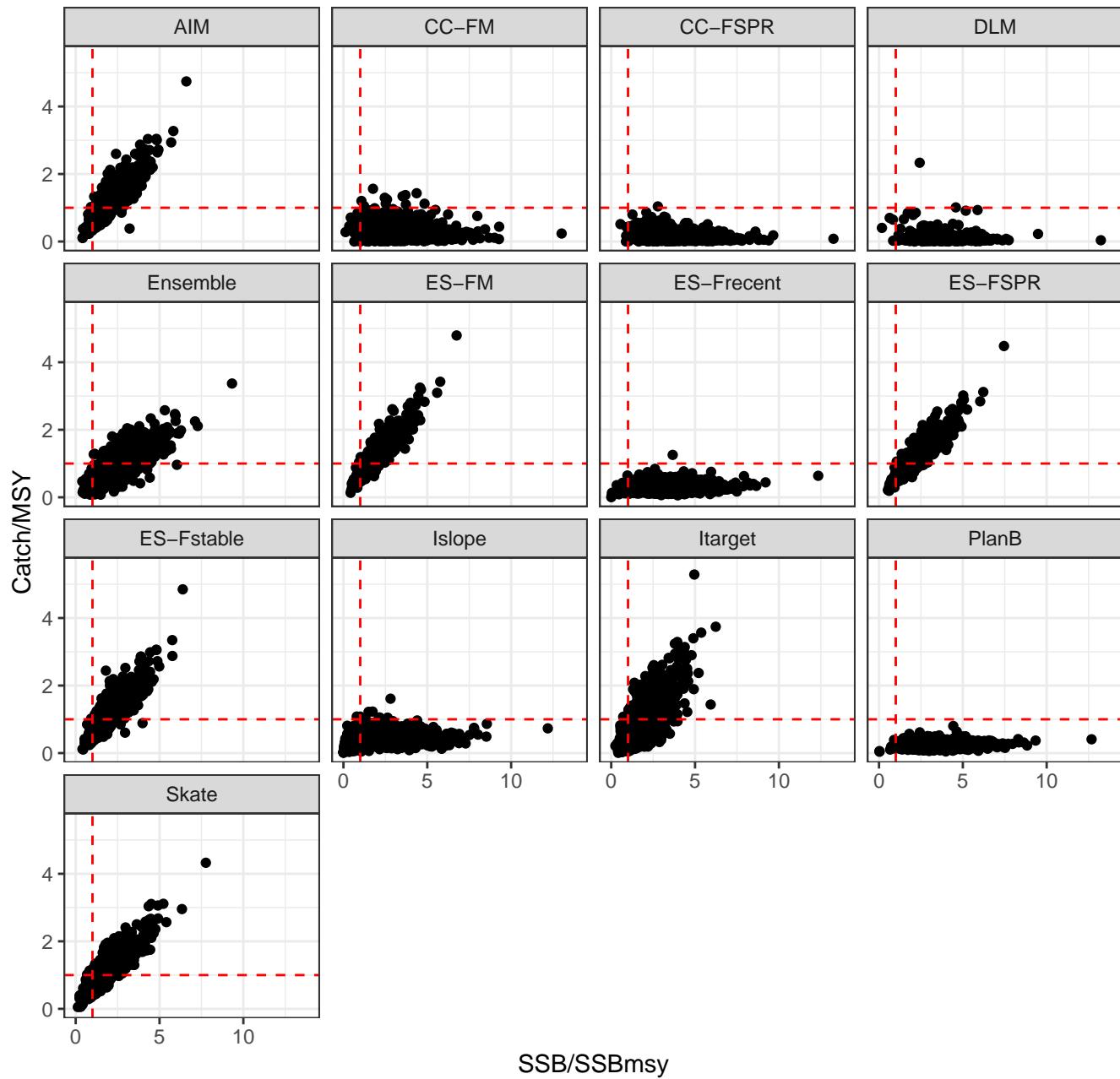
CO2R Long Term



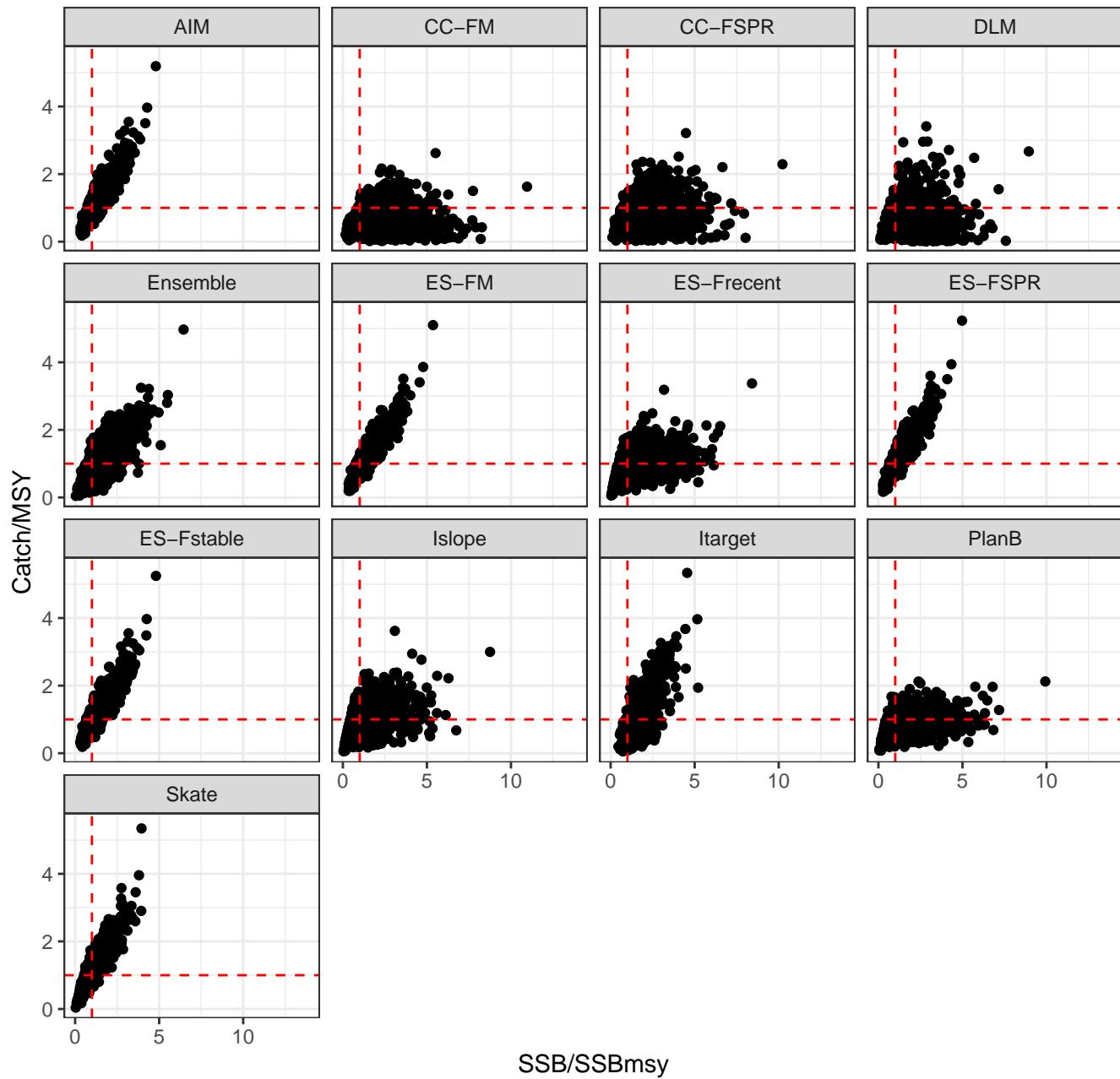
MF1A Long Term



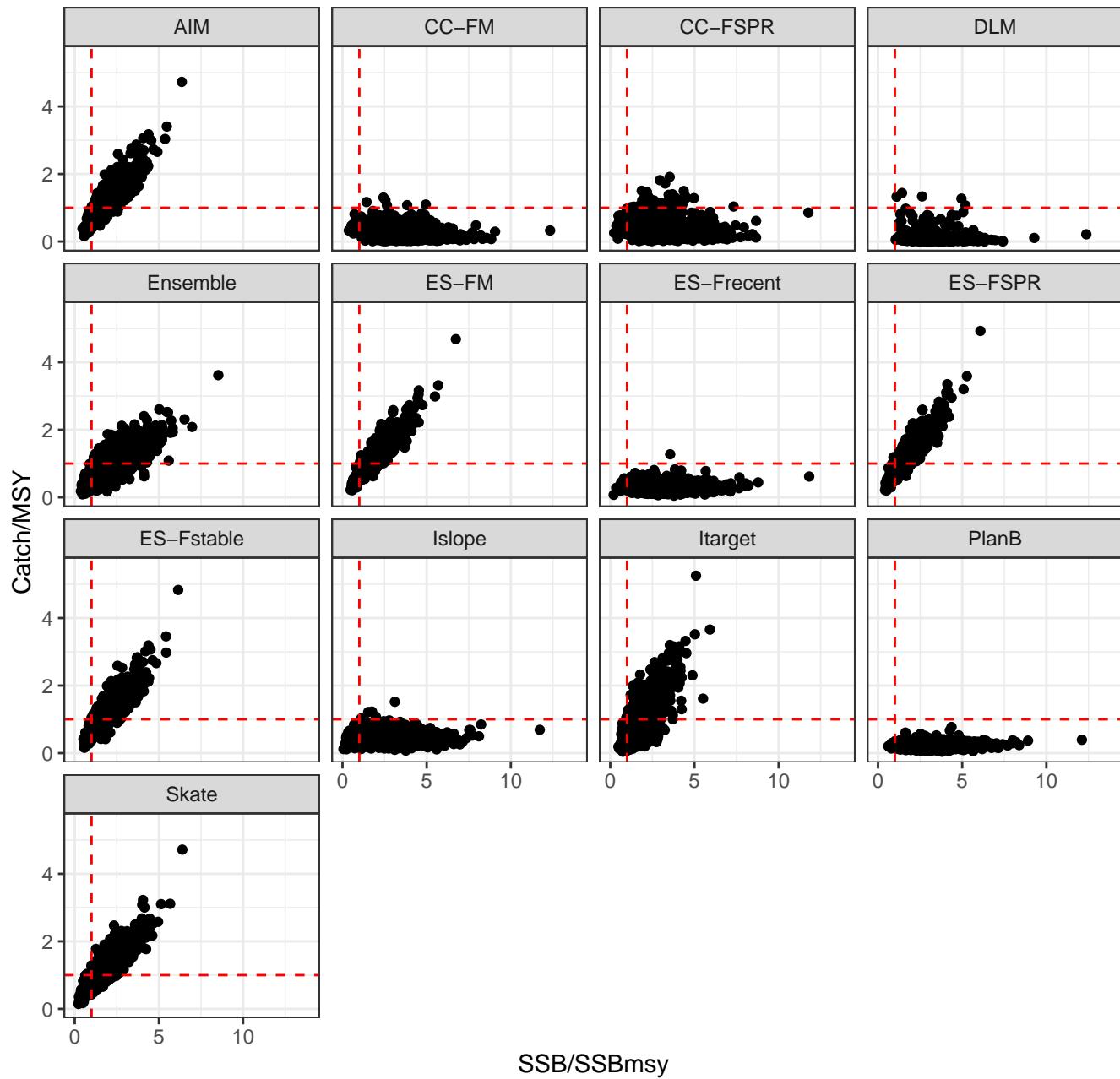
MF1R Long Term



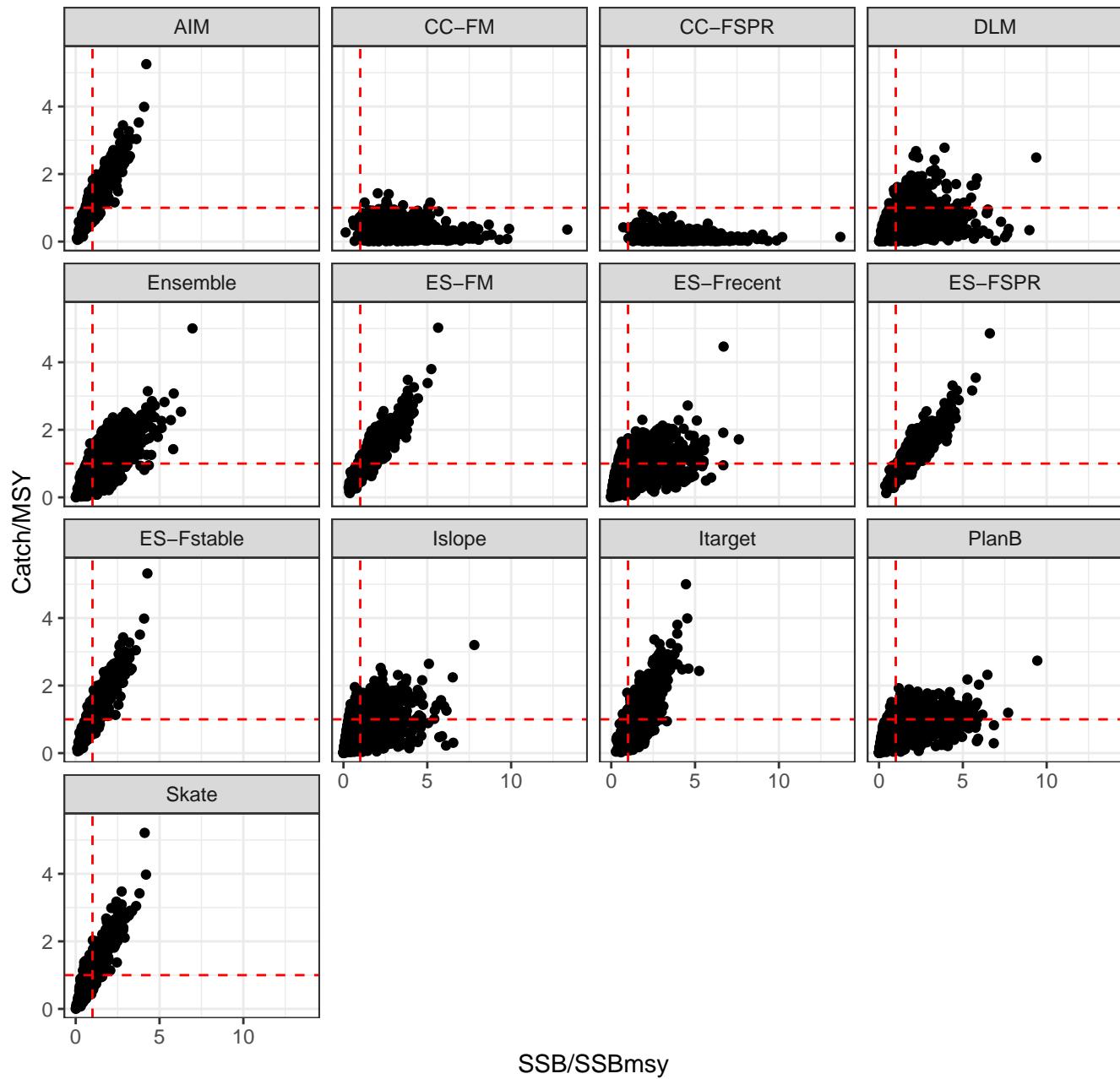
MF2A Long Term



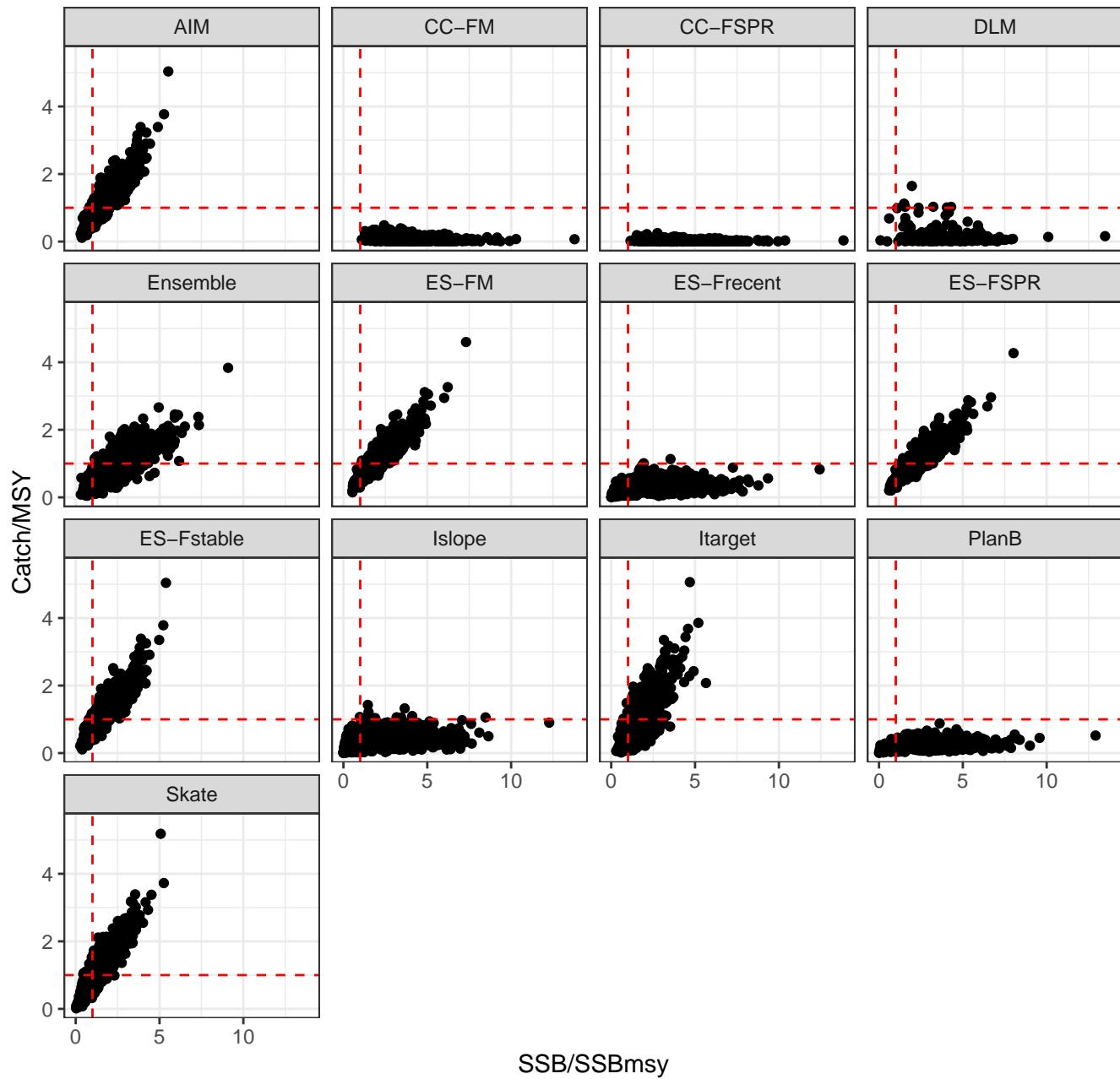
MF2R Long Term



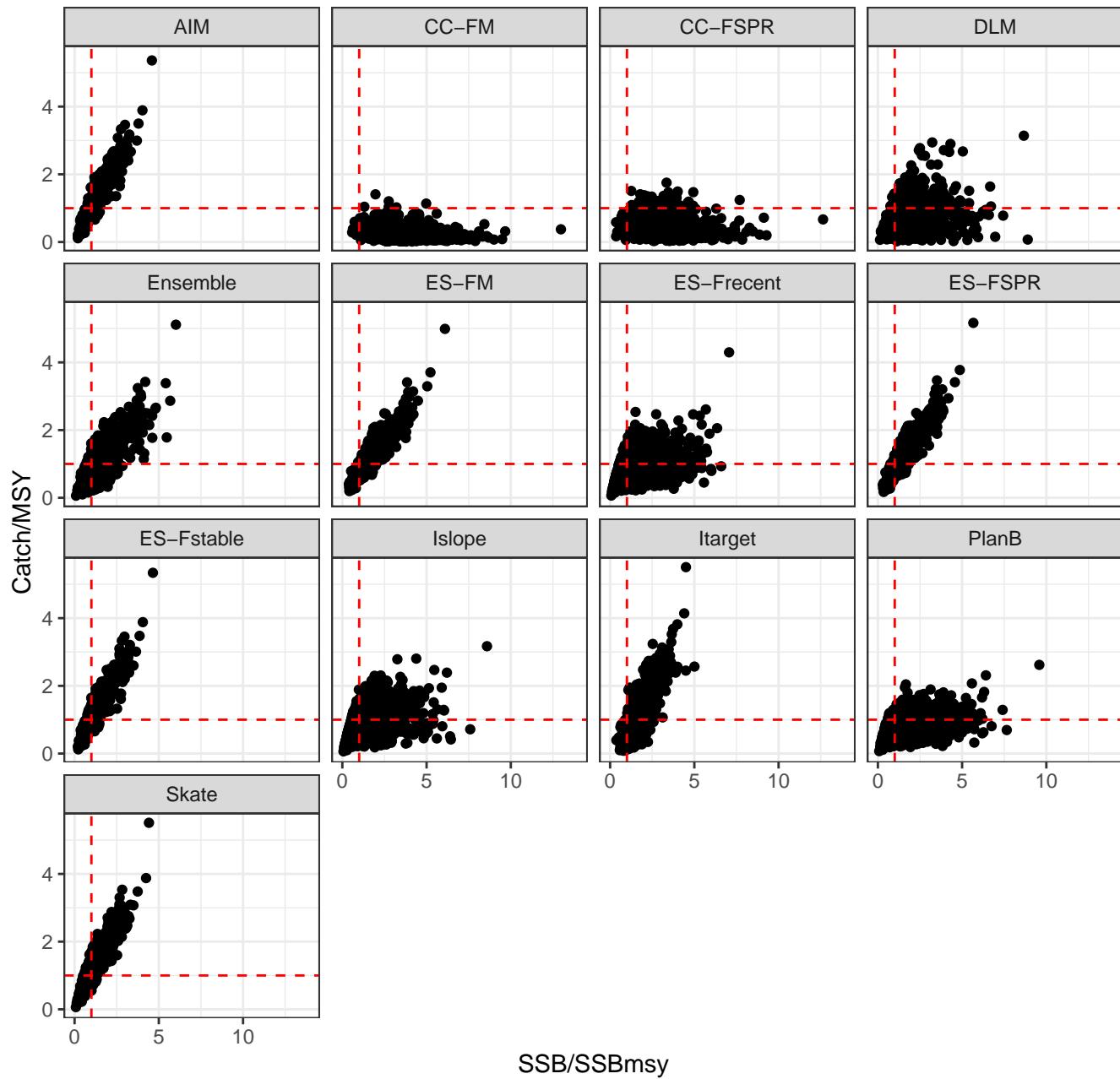
MO1A Long Term



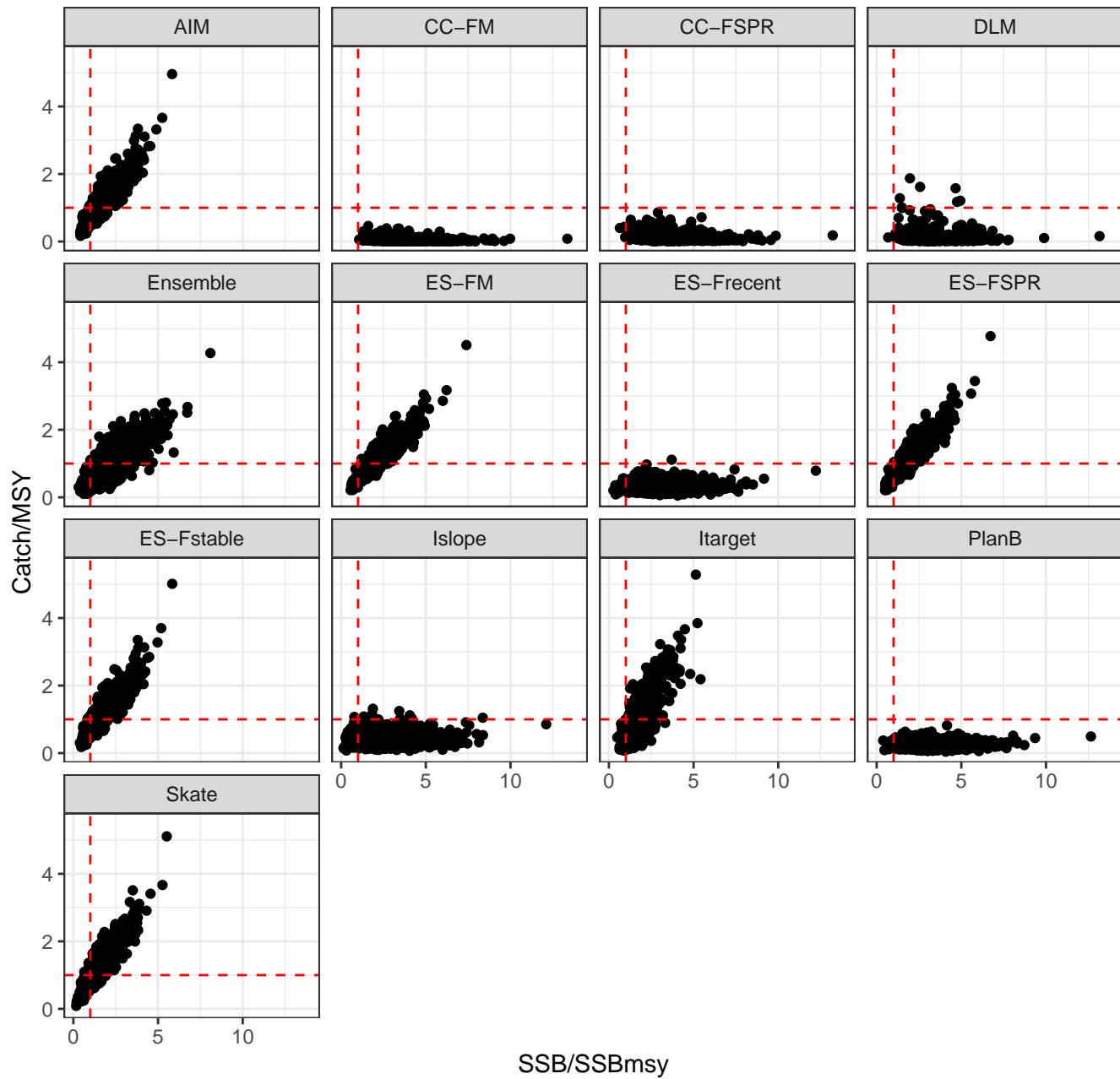
MO1R Long Term



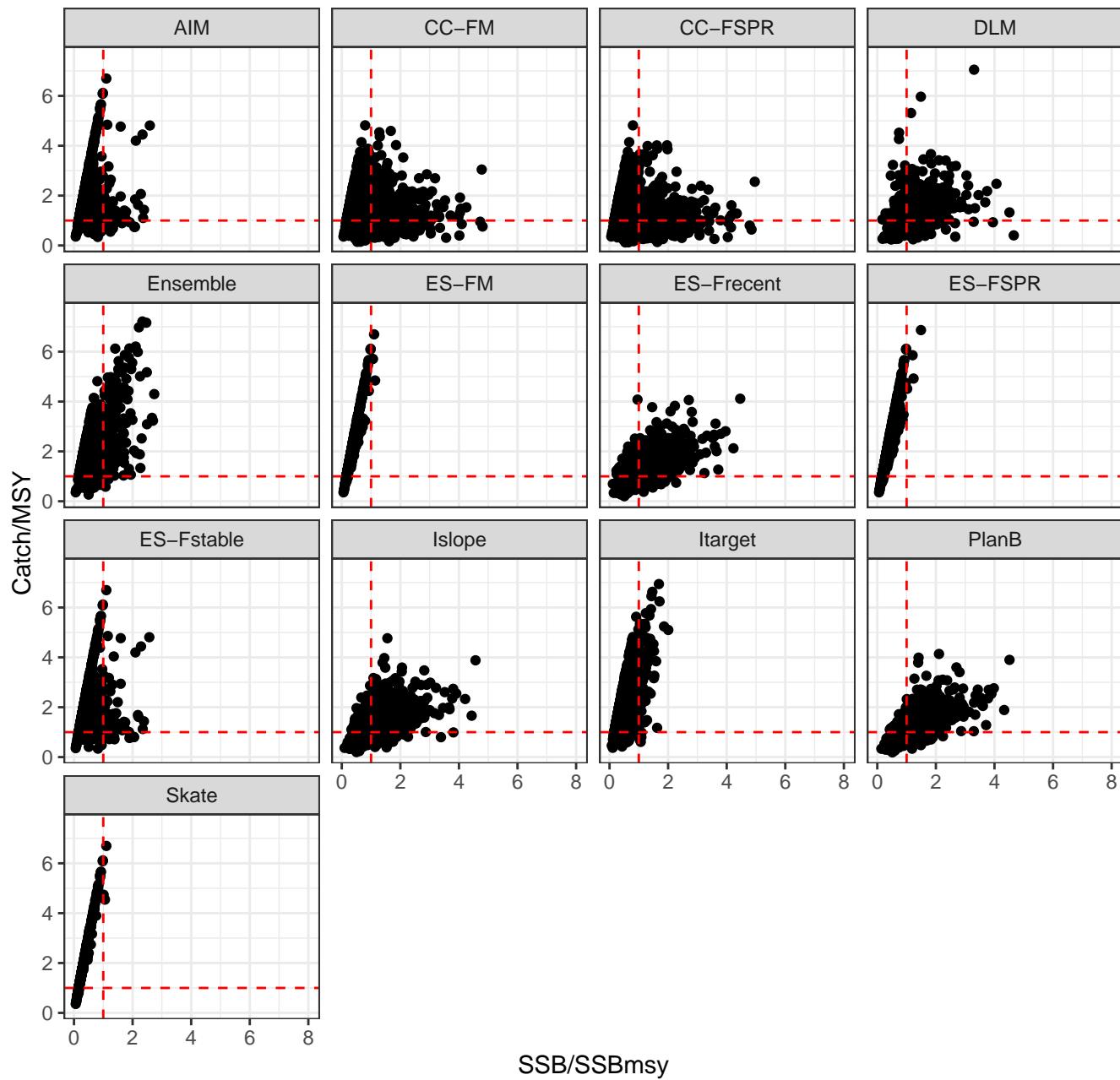
MO2A Long Term



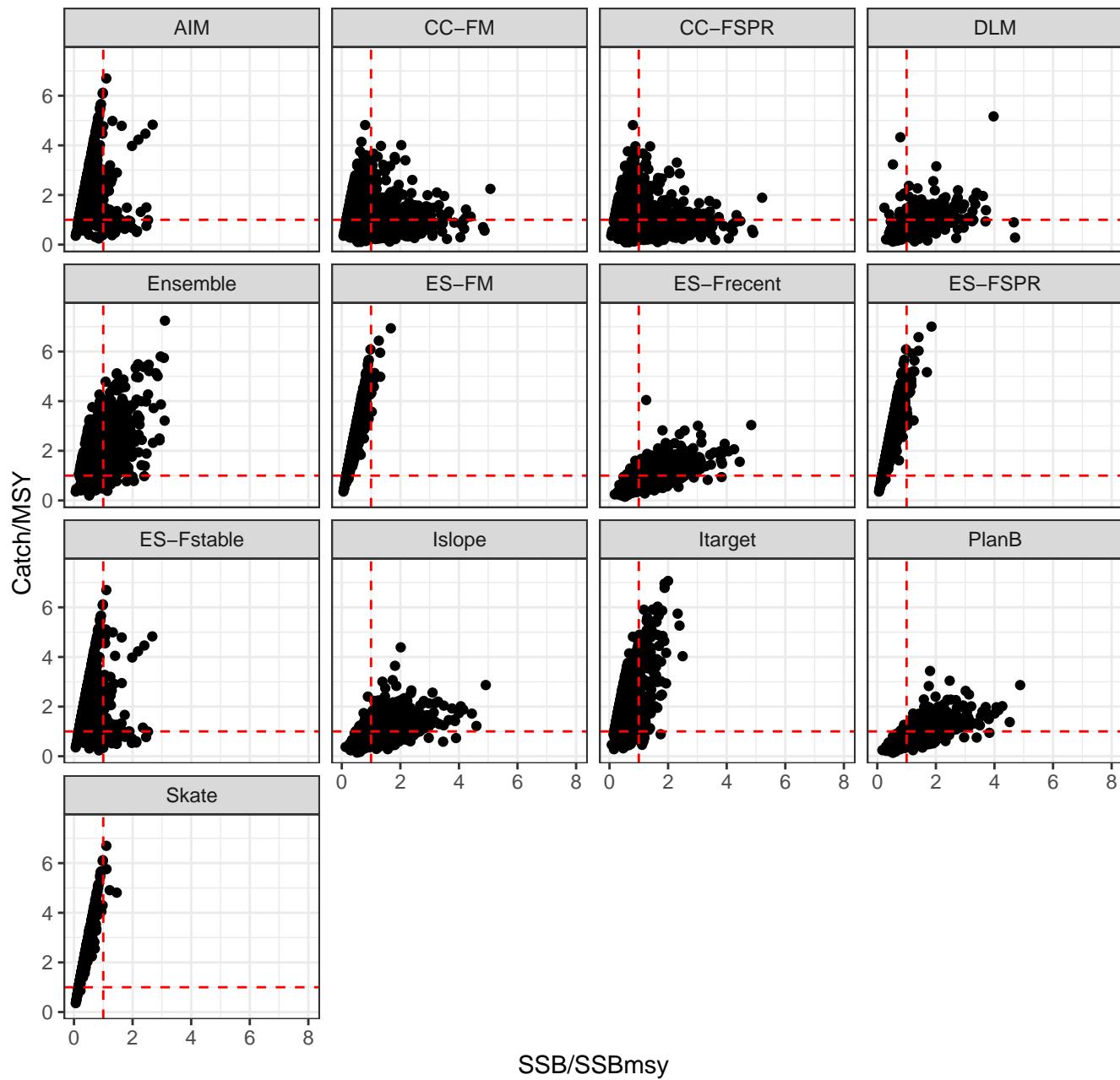
MO2R Long Term



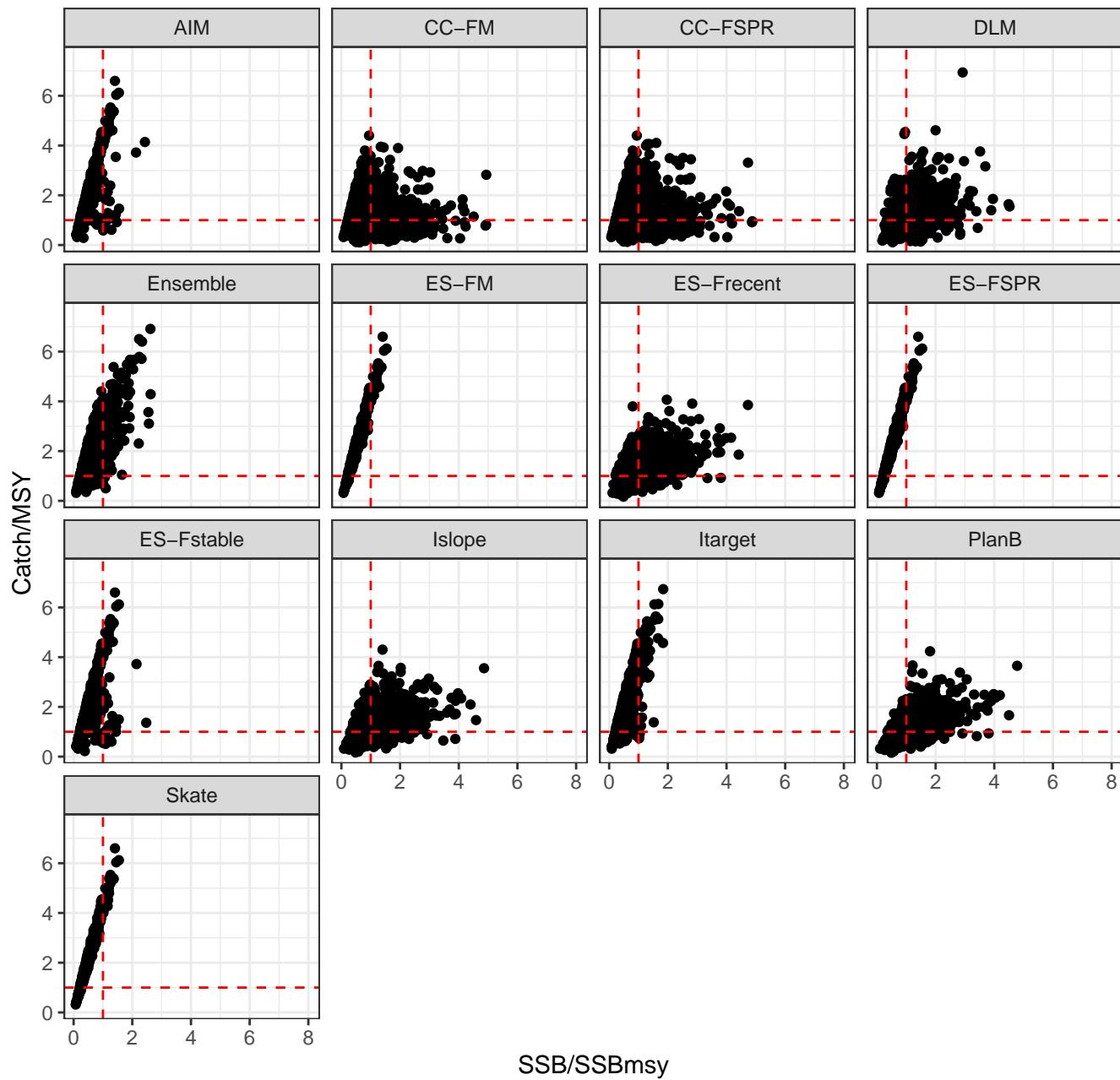
CF1A Short Term



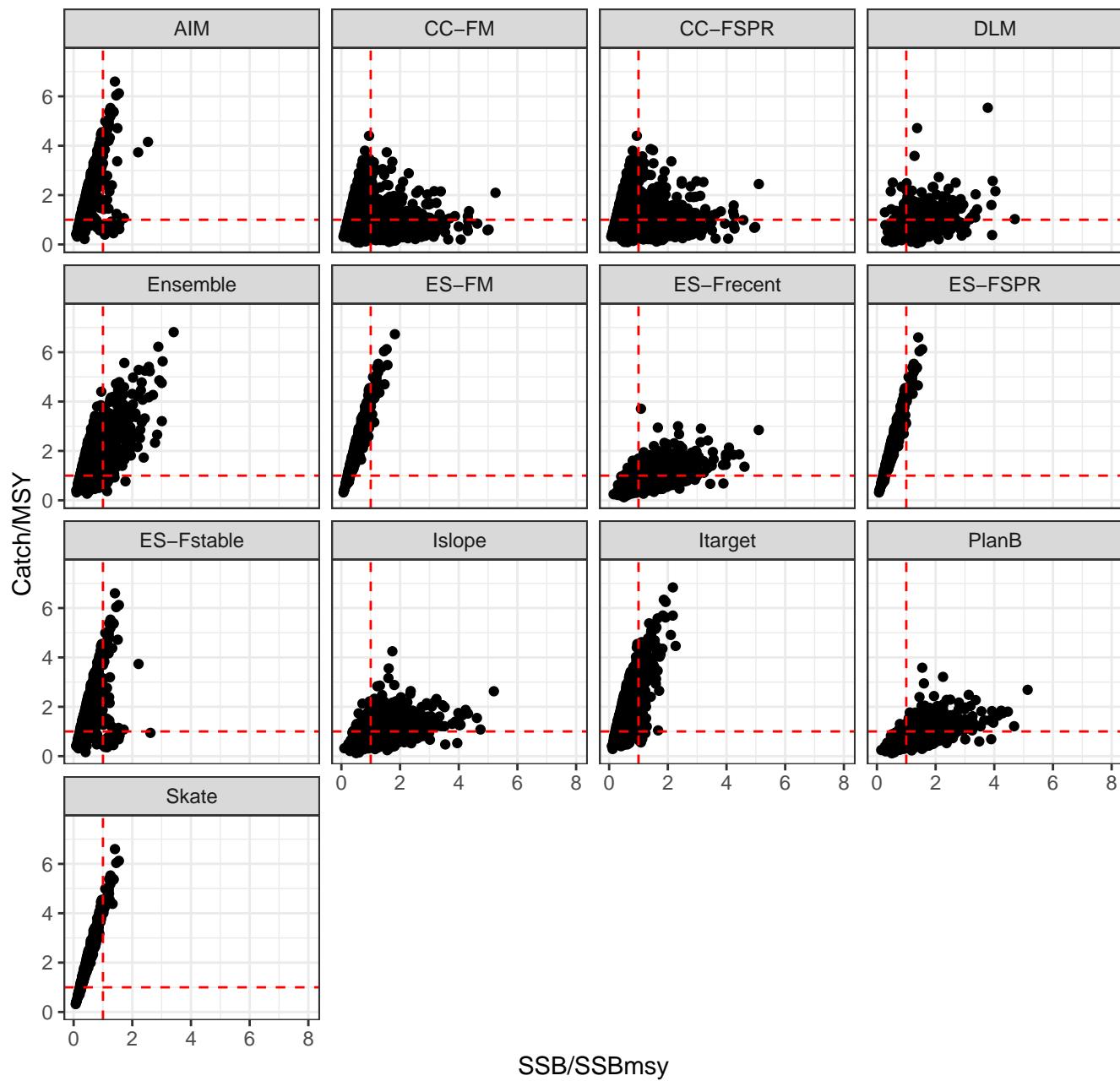
CF1R Short Term



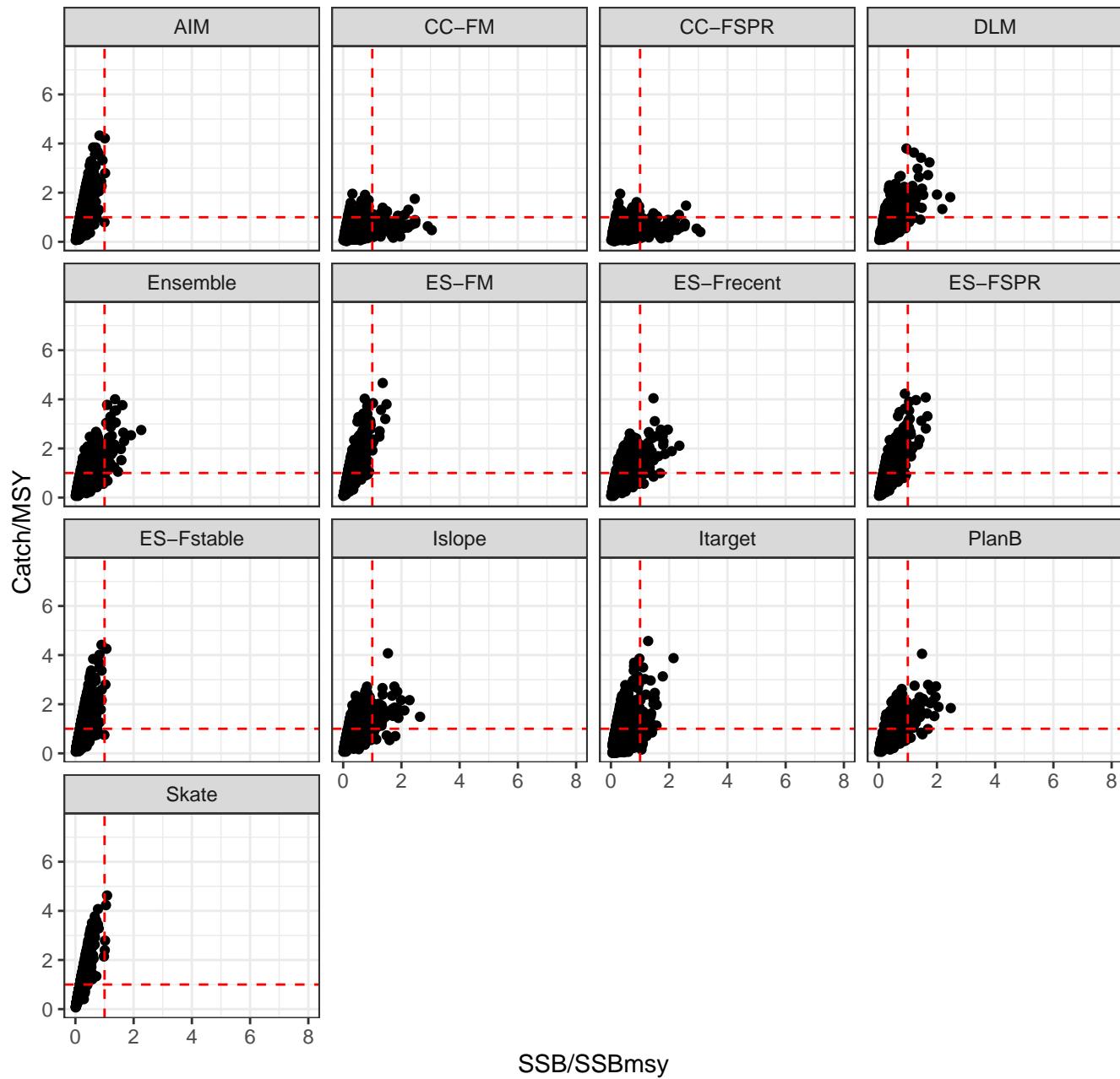
CF2A Short Term



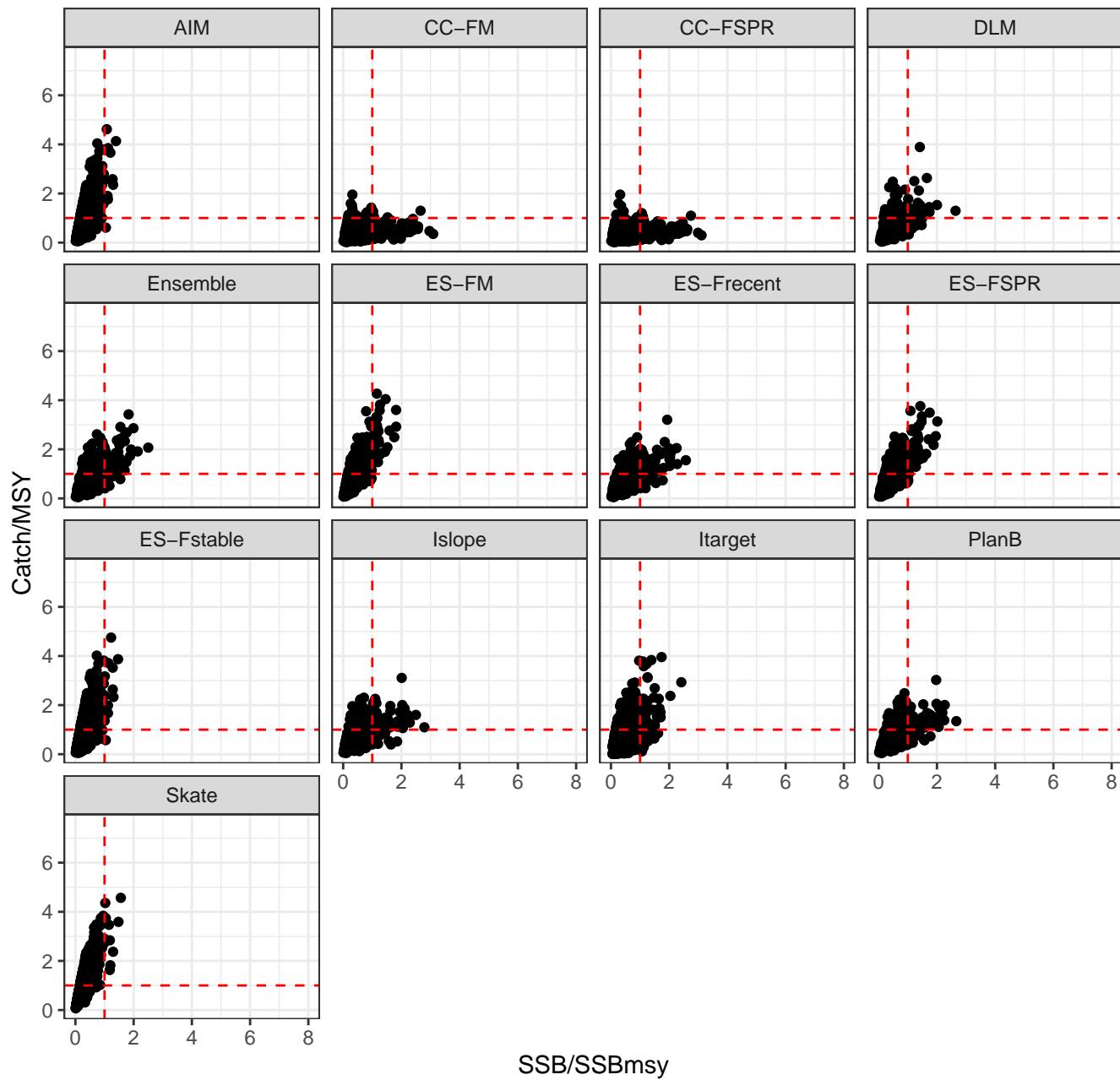
CF2R Short Term



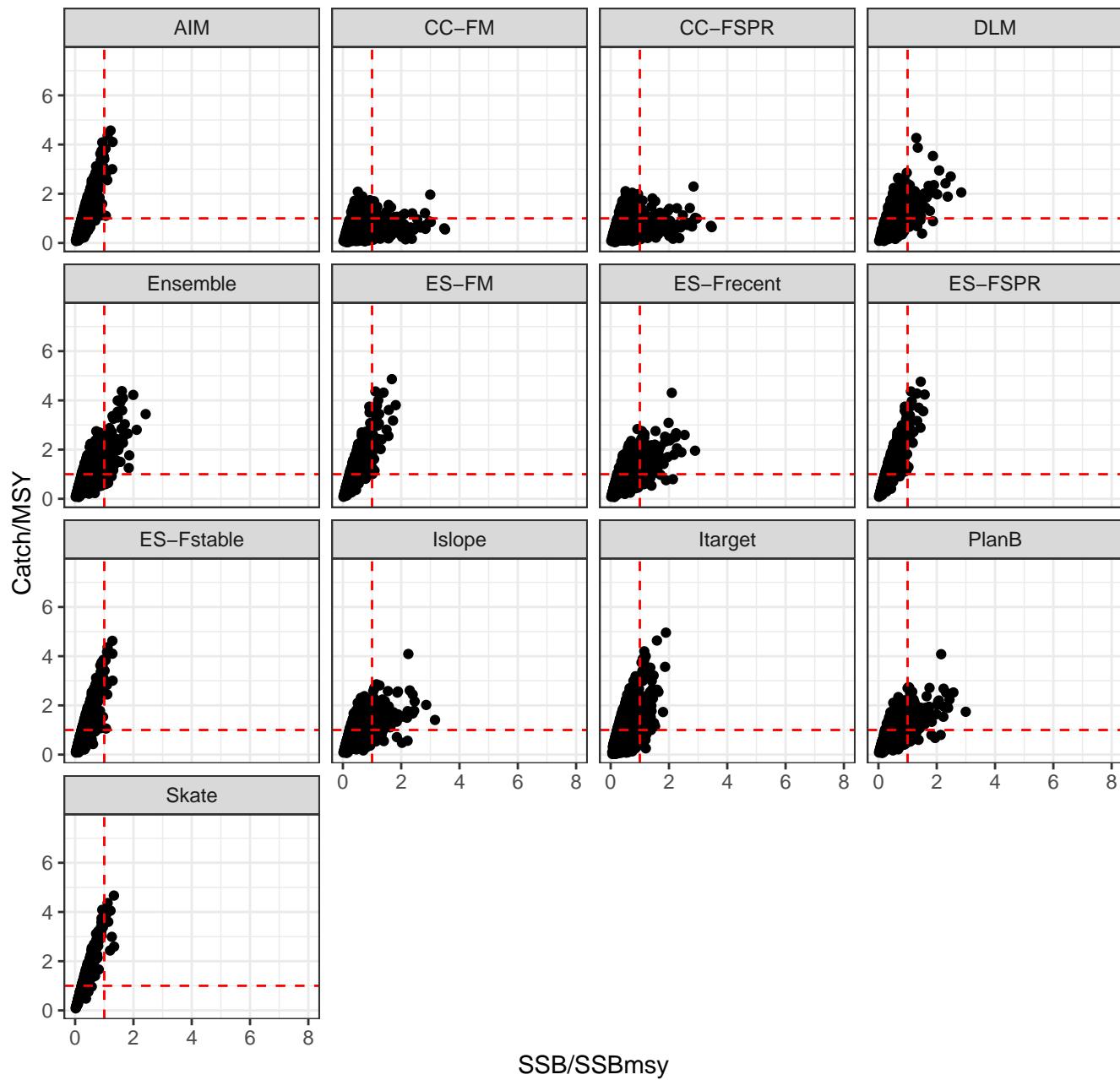
CO1A Short Term



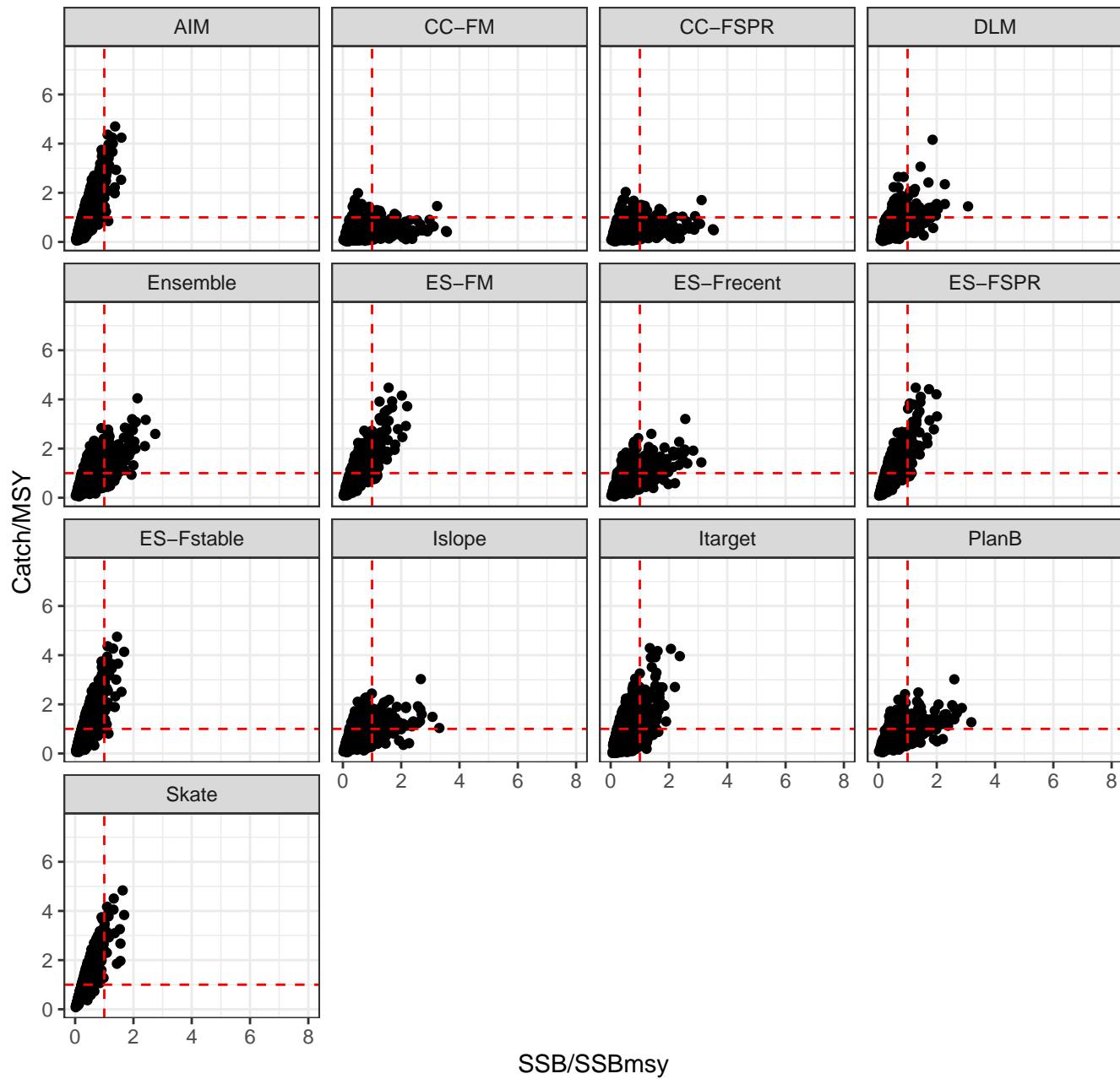
CO1R Short Term



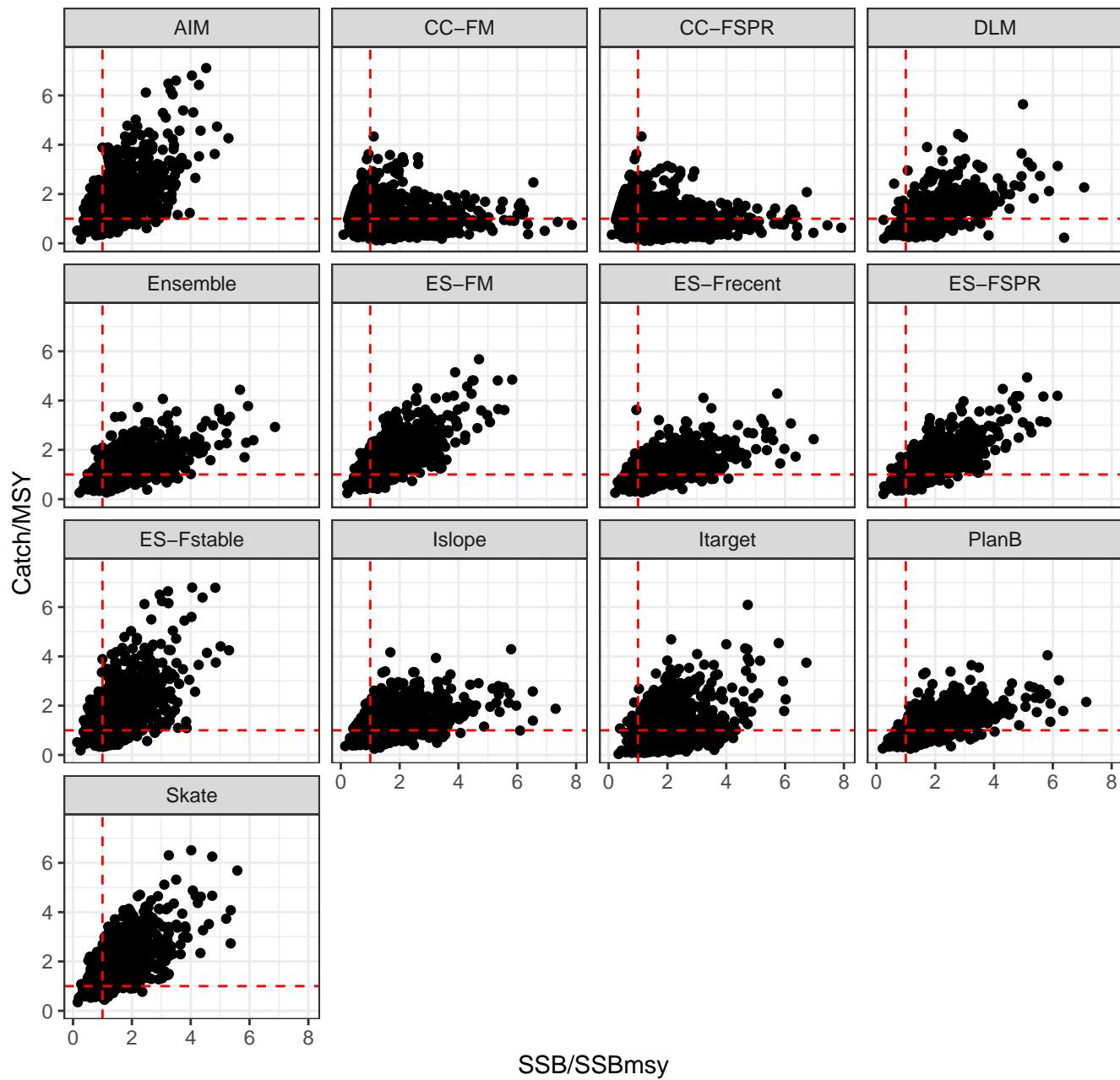
CO2A Short Term



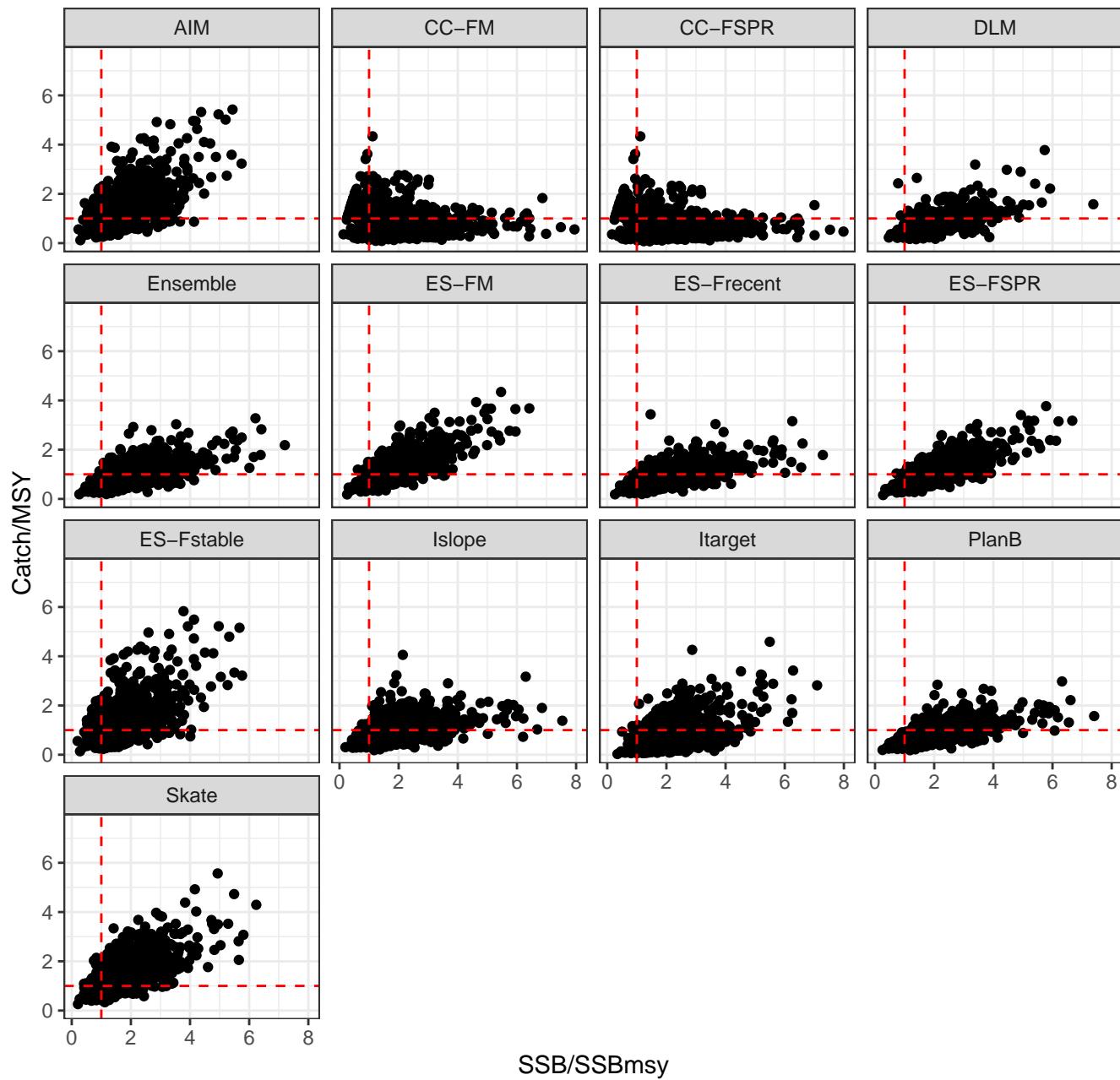
CO2R Short Term



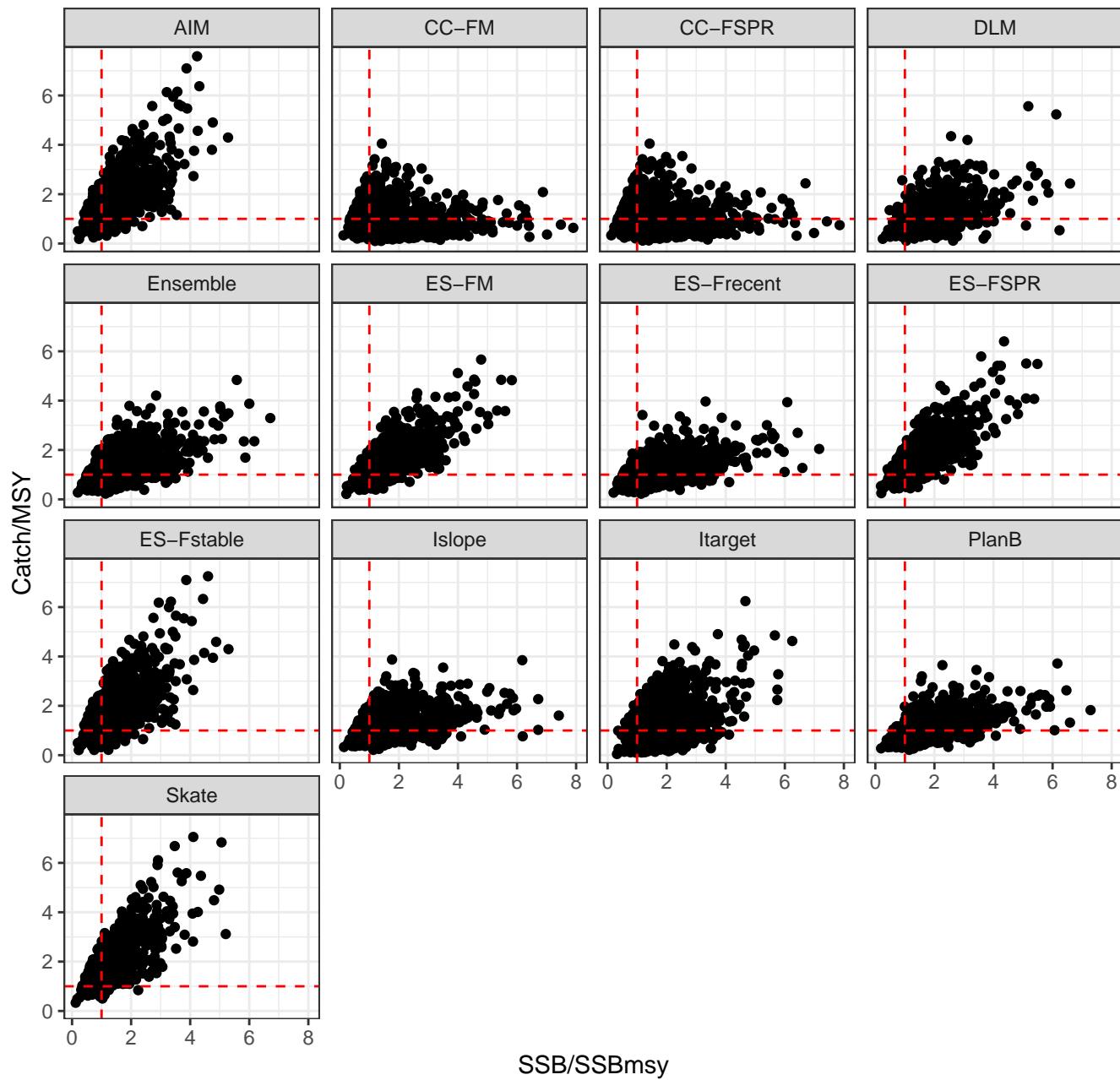
MF1A Short Term



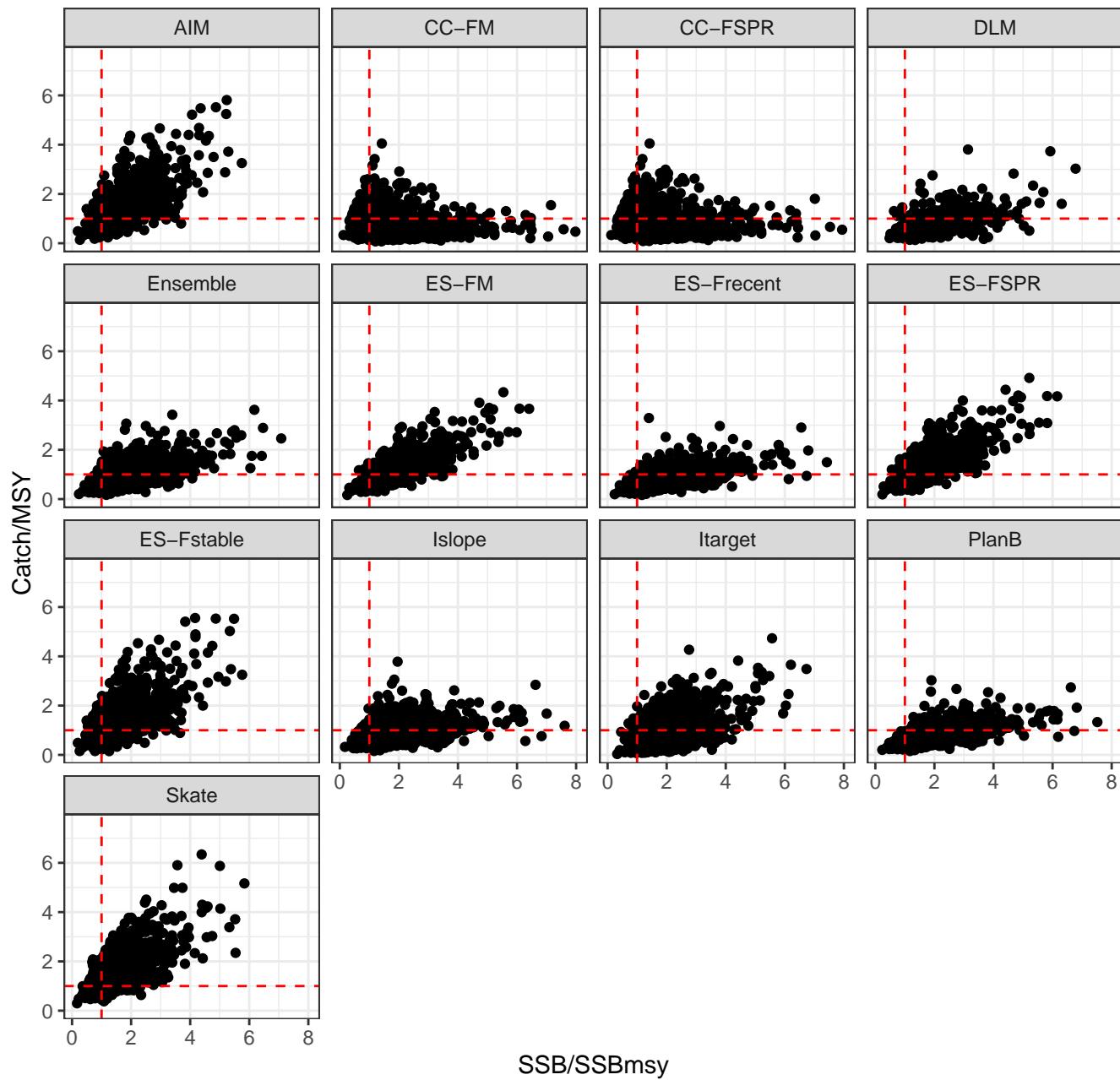
MF1R Short Term



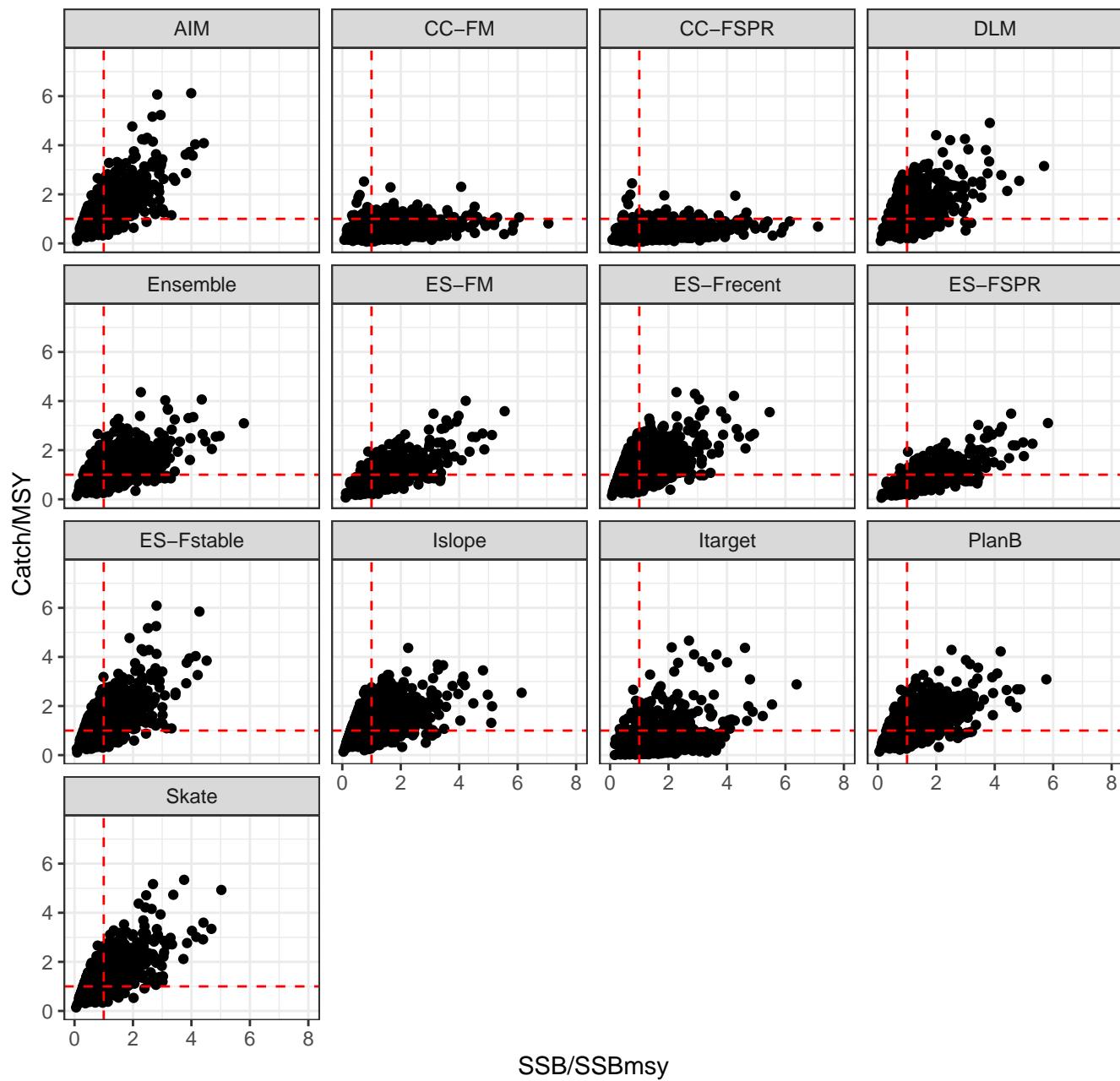
MF2A Short Term



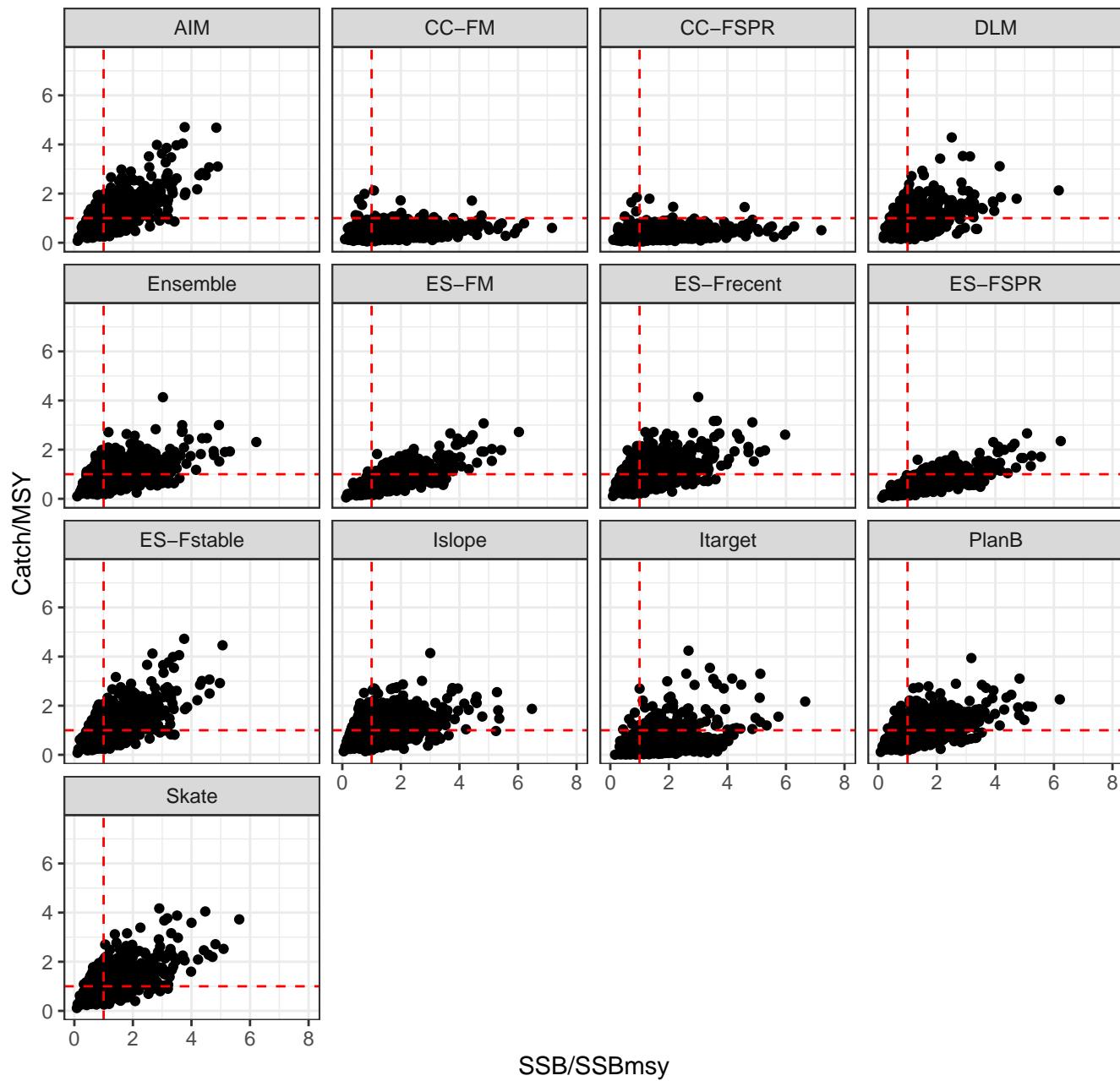
MF2R Short Term



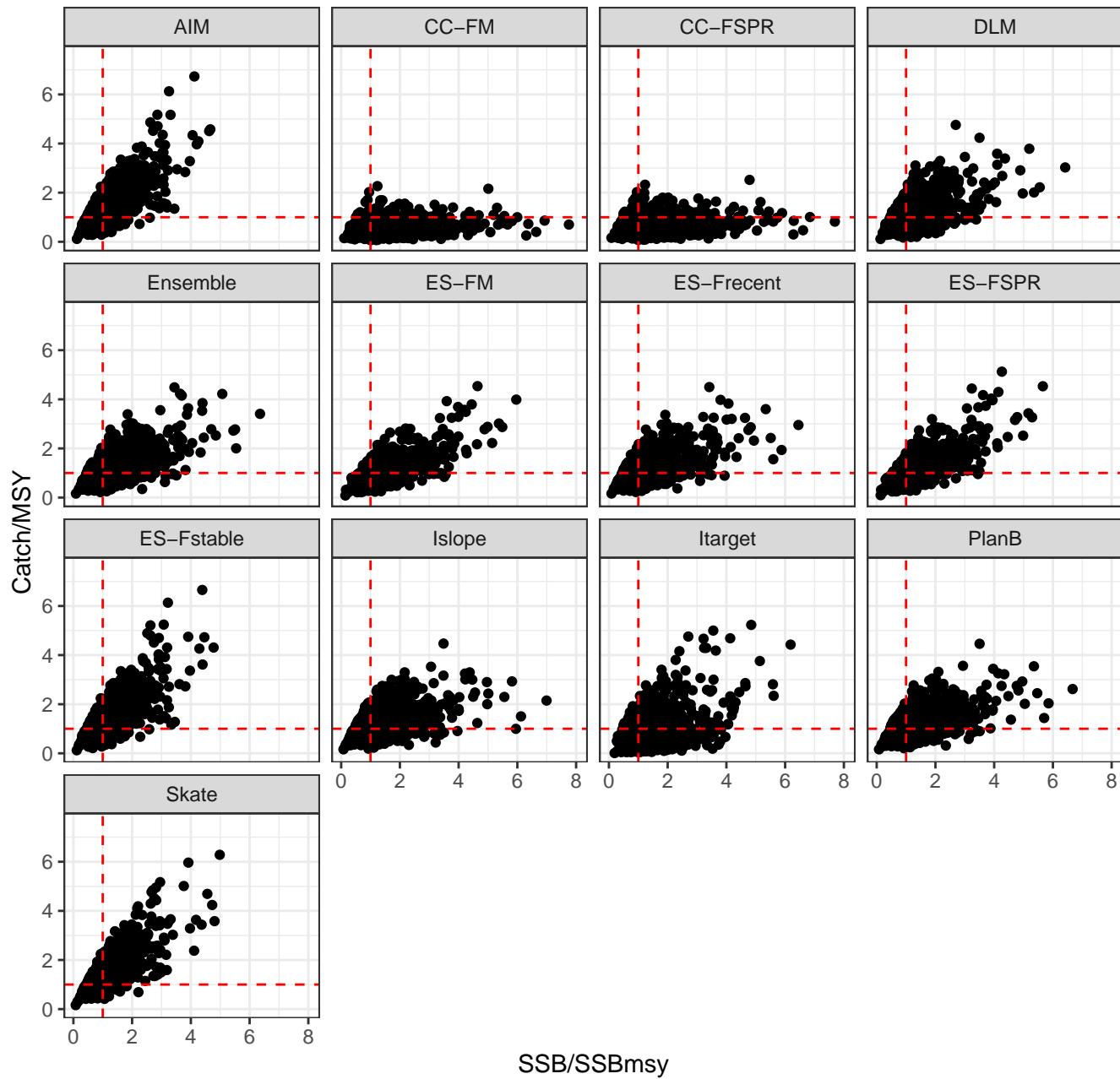
MO1A Short Term



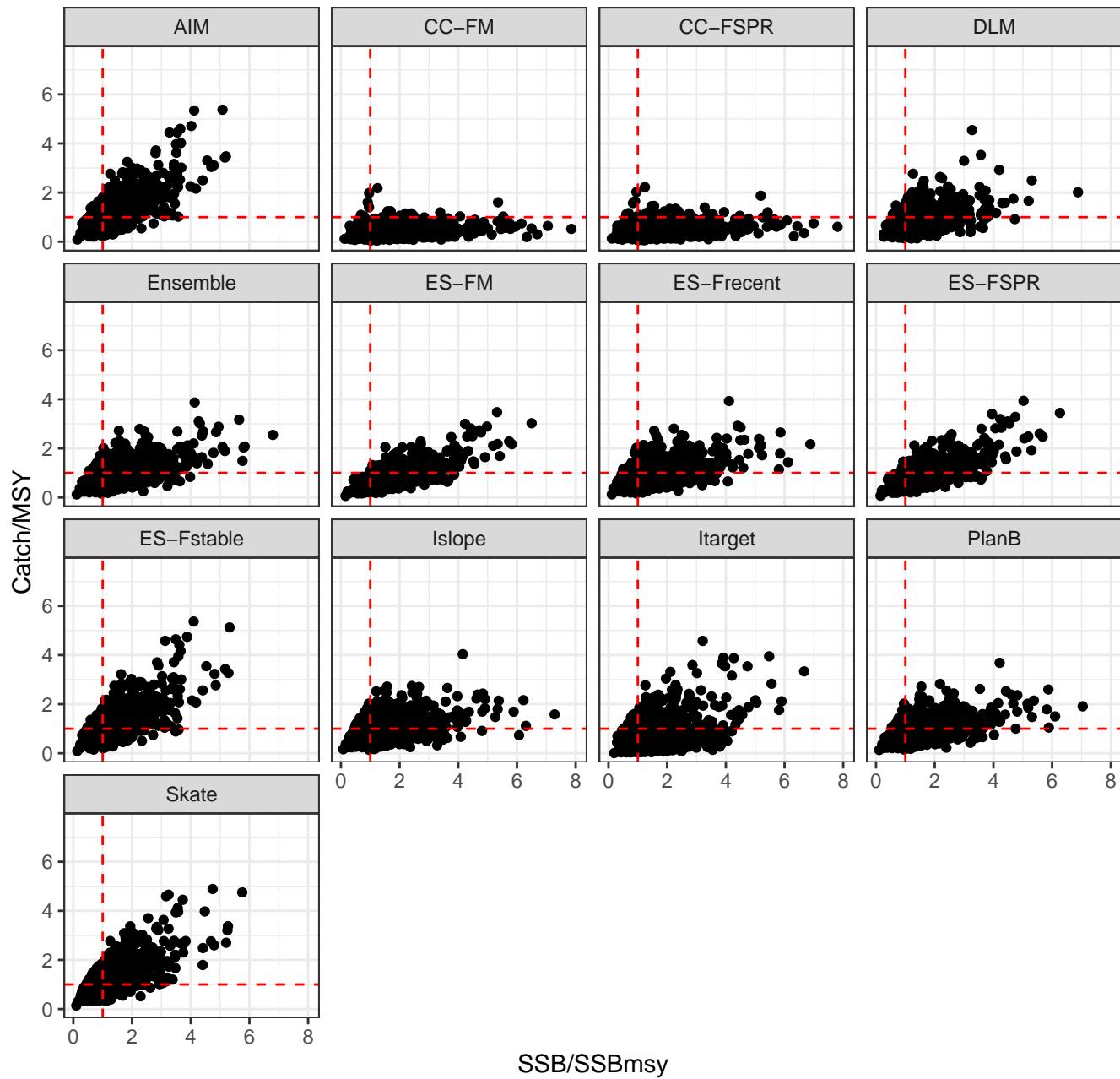
MO1R Short Term



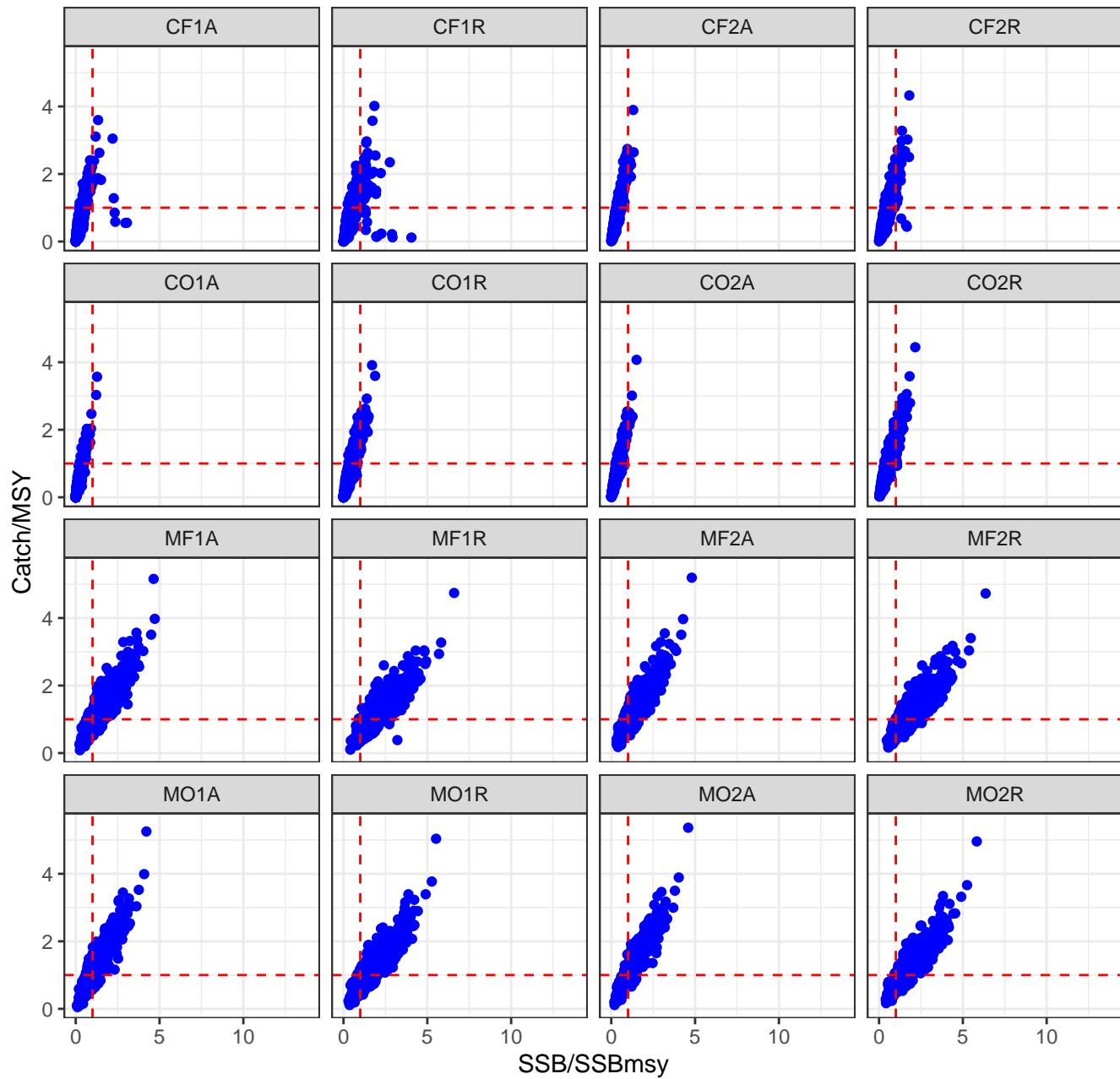
MO2A Short Term



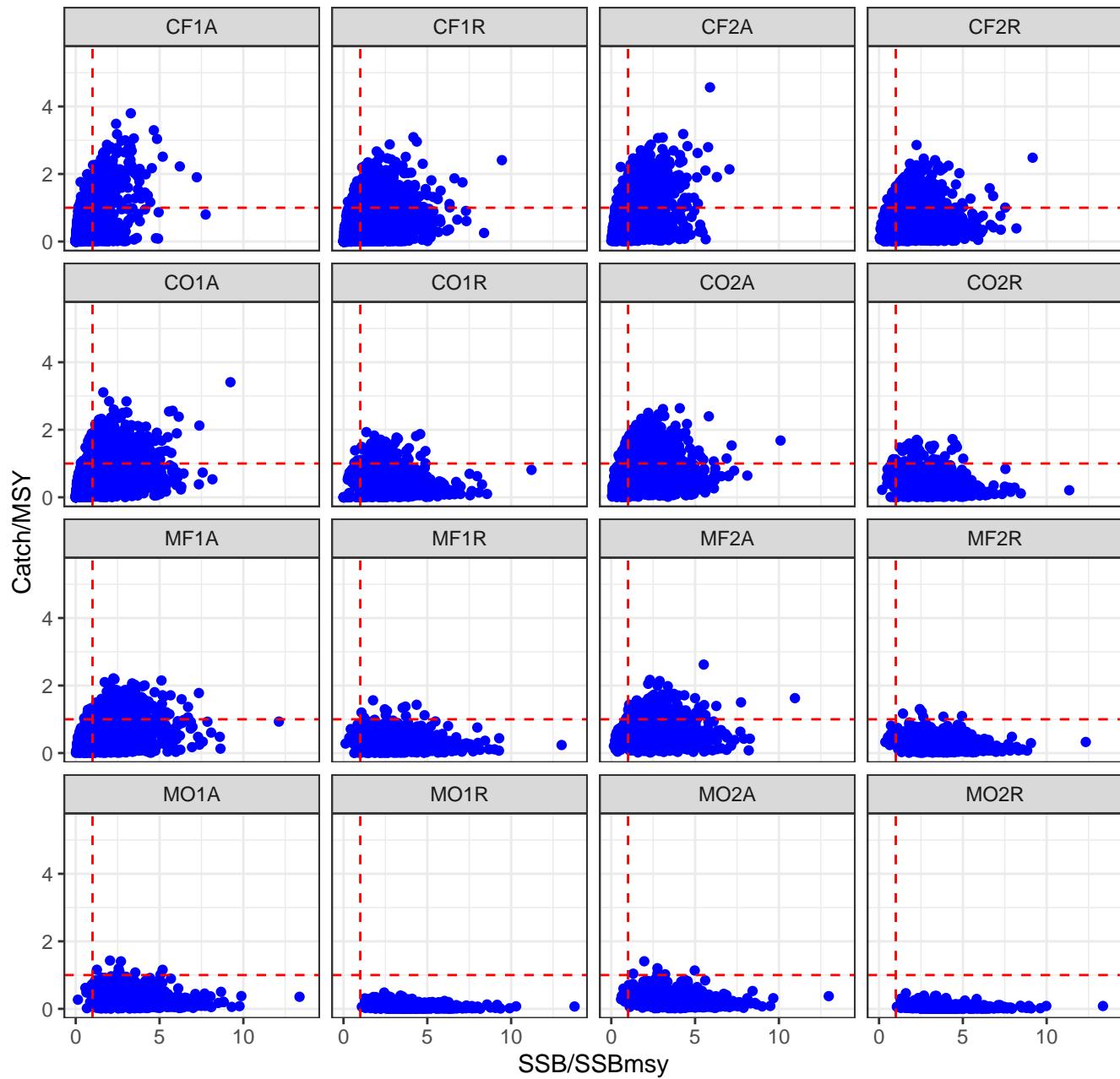
MO2R Short Term



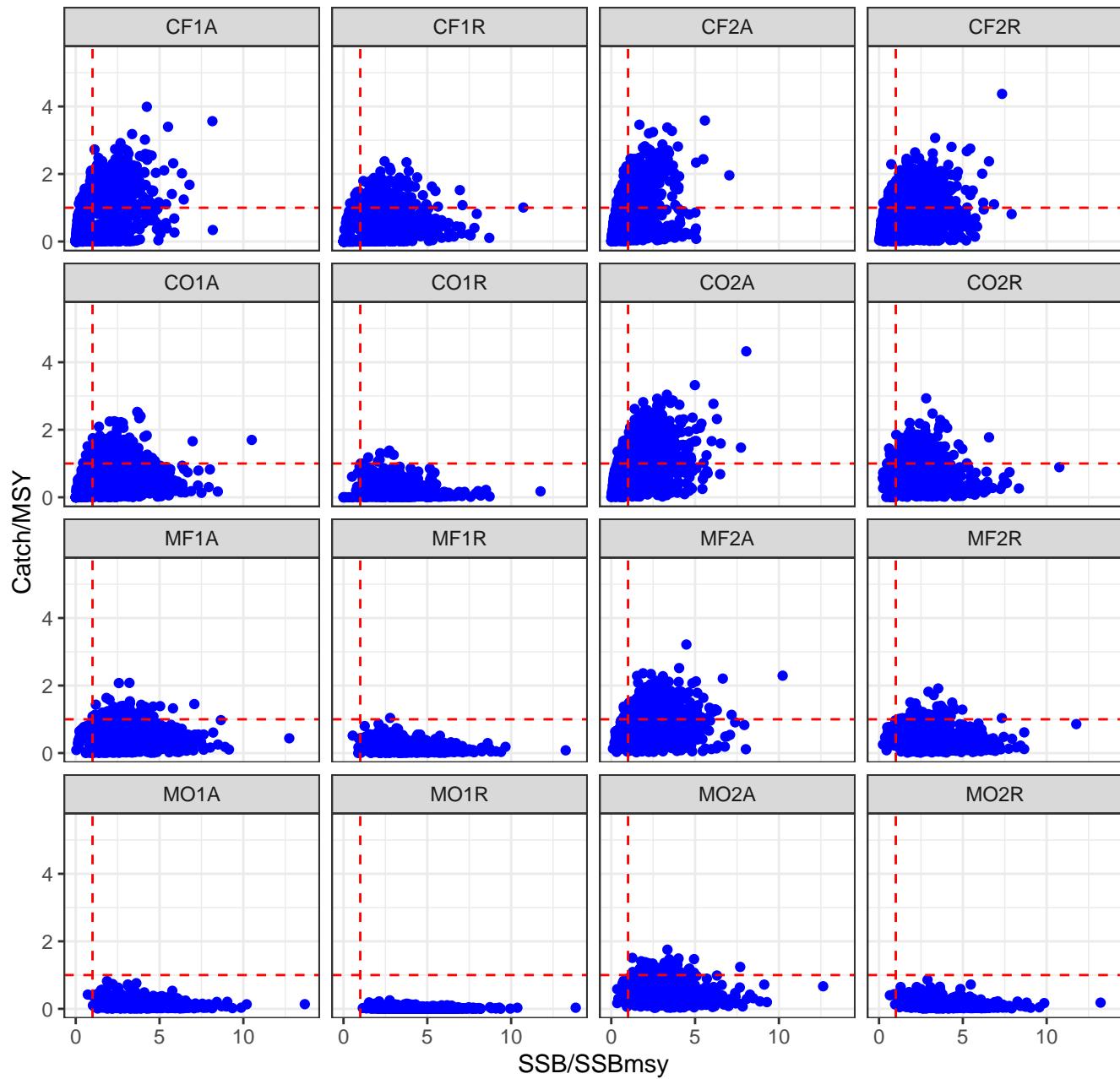
AIM Long Term



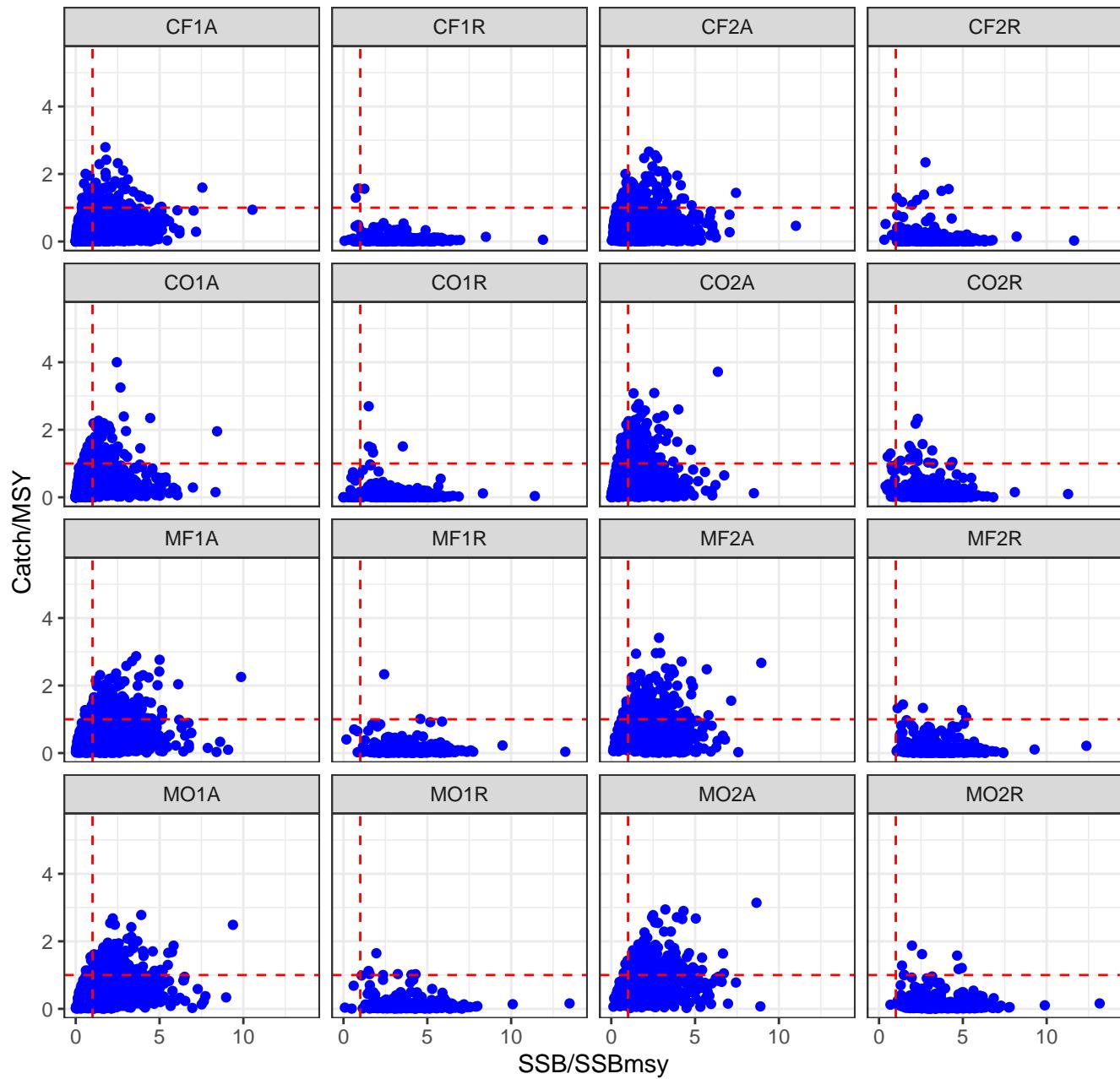
CC-FM Long Term



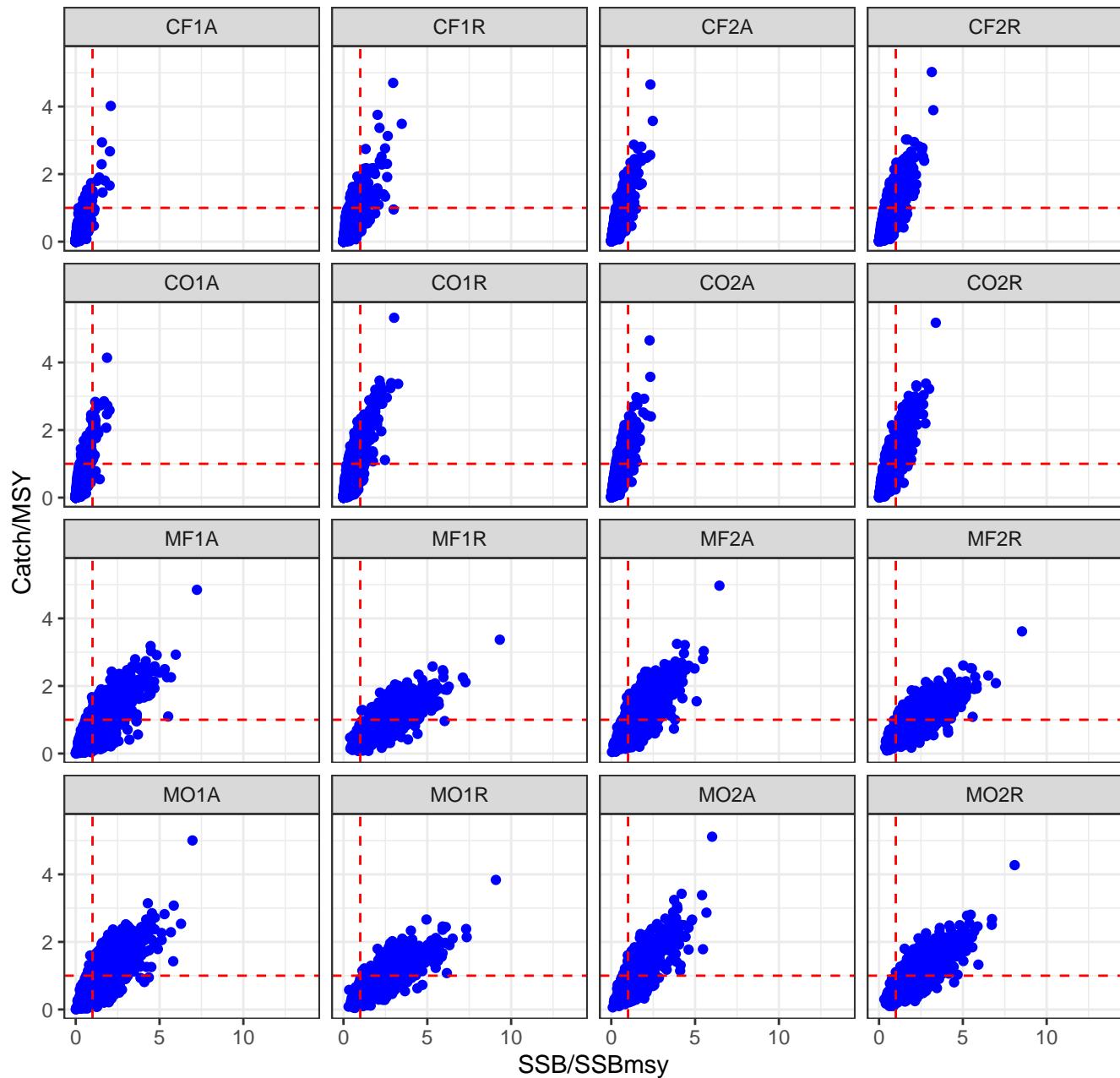
CC-FSPR Long Term



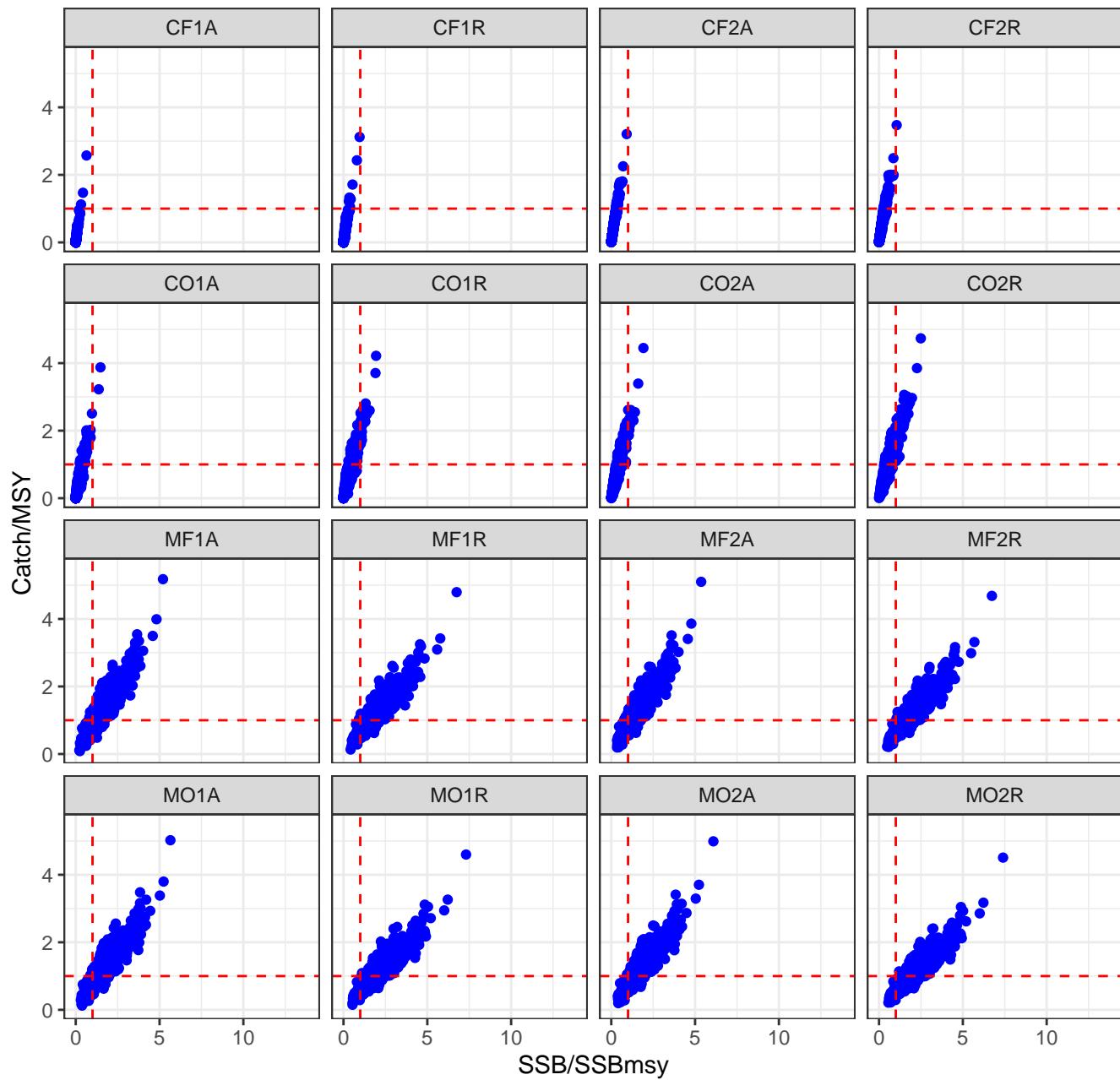
DLM Long Term



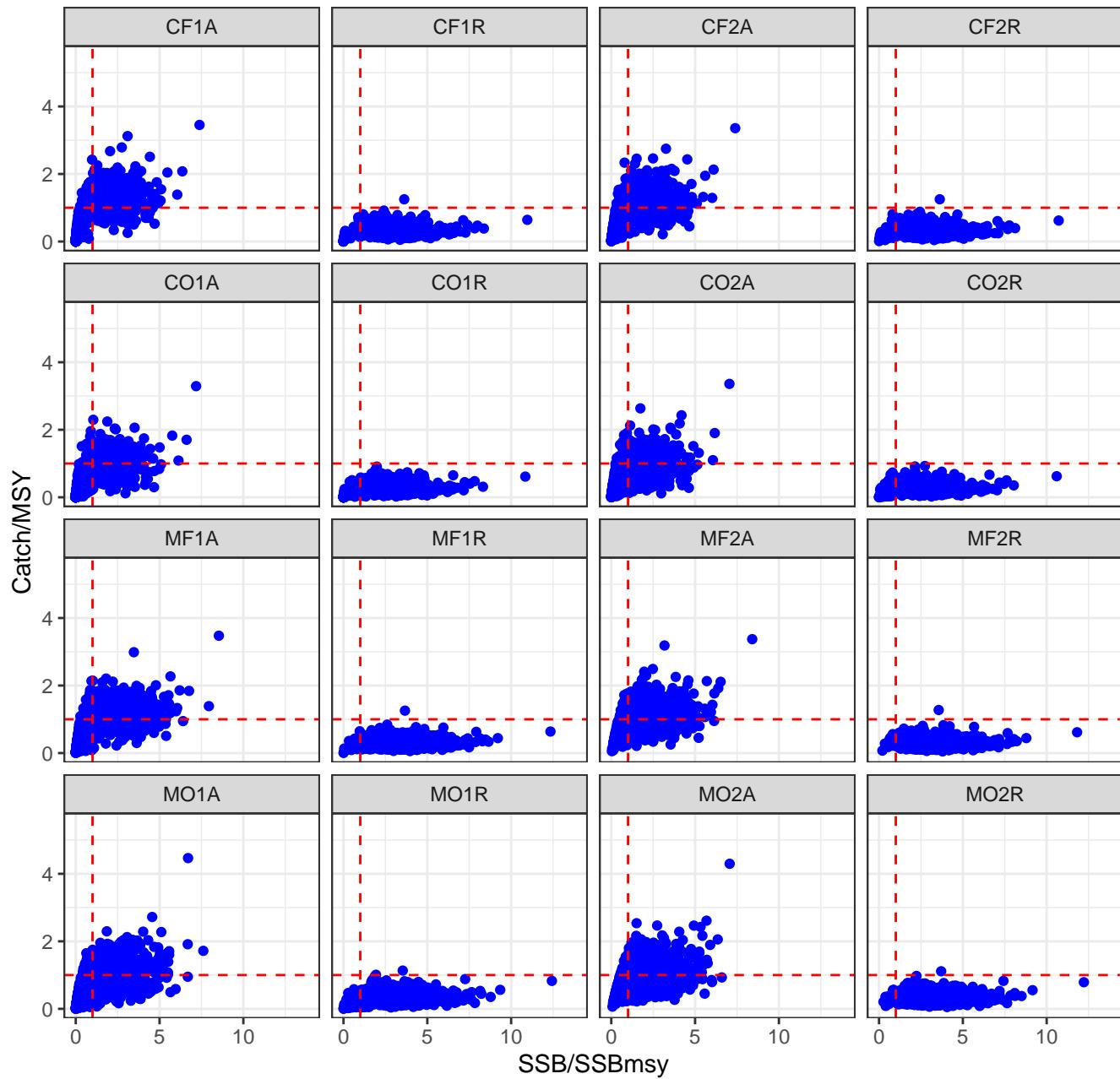
Ensemble Long Term



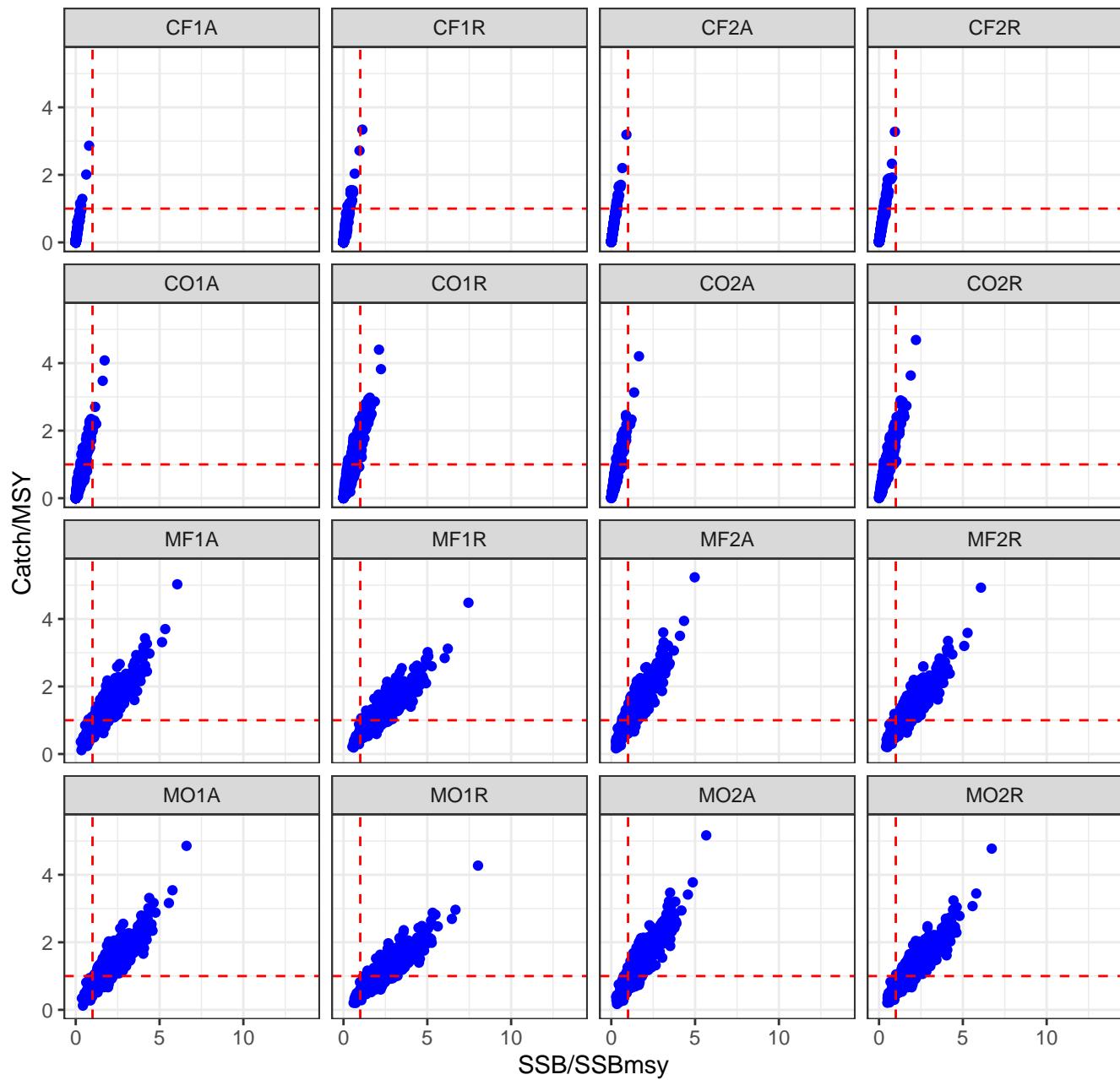
ES-FM Long Term



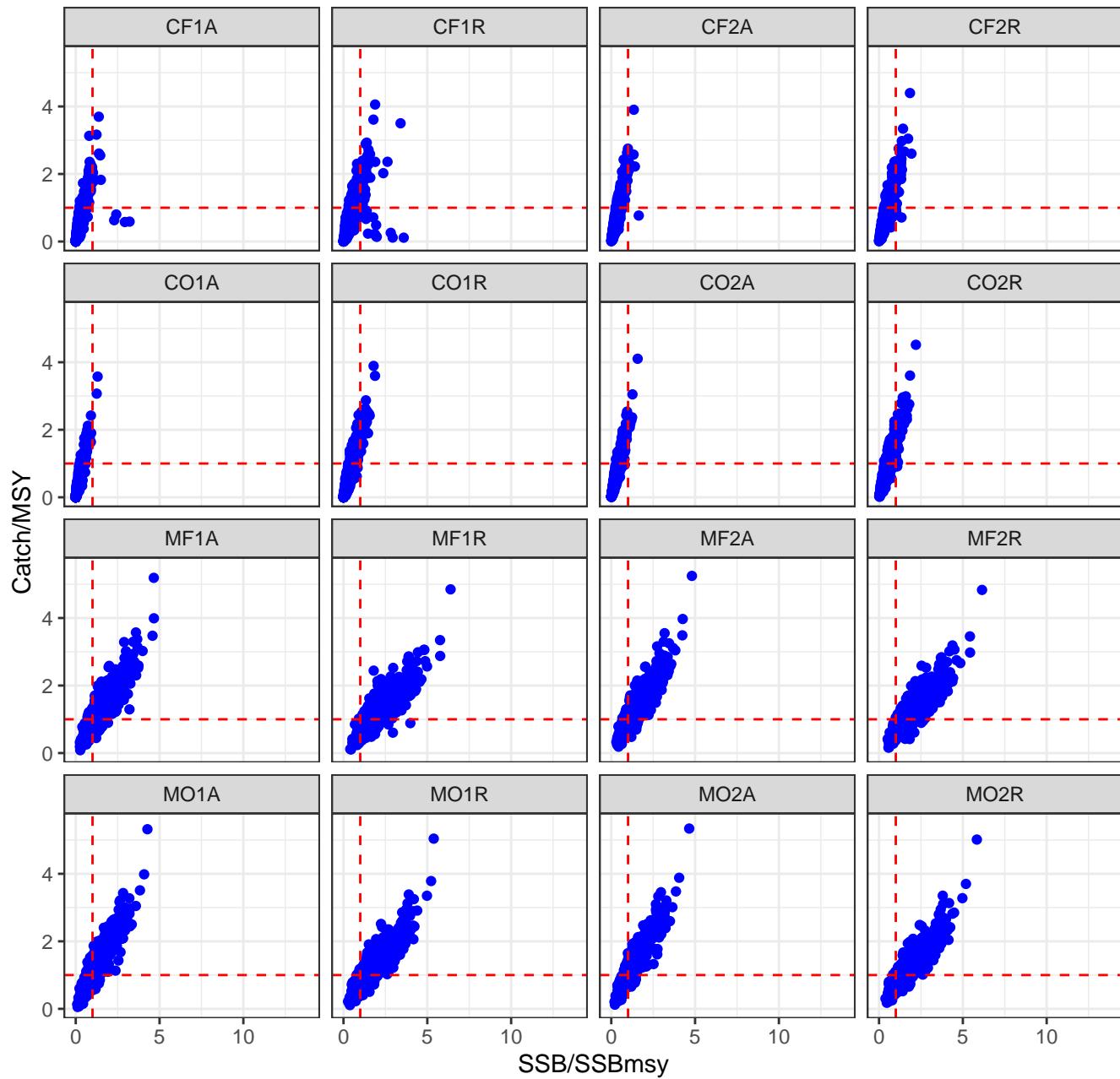
ES-Frecent Long Term



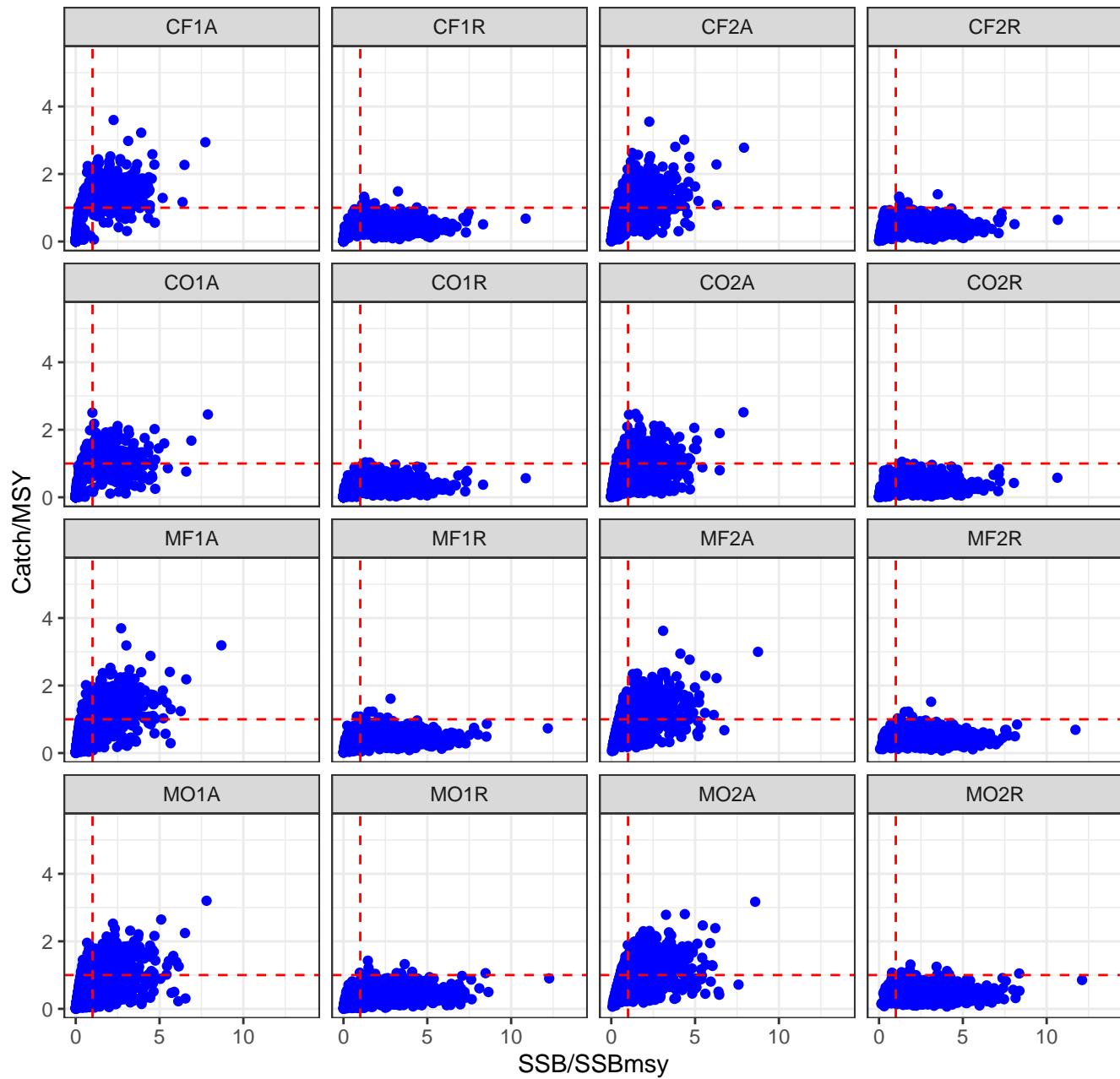
ES-FSPR Long Term



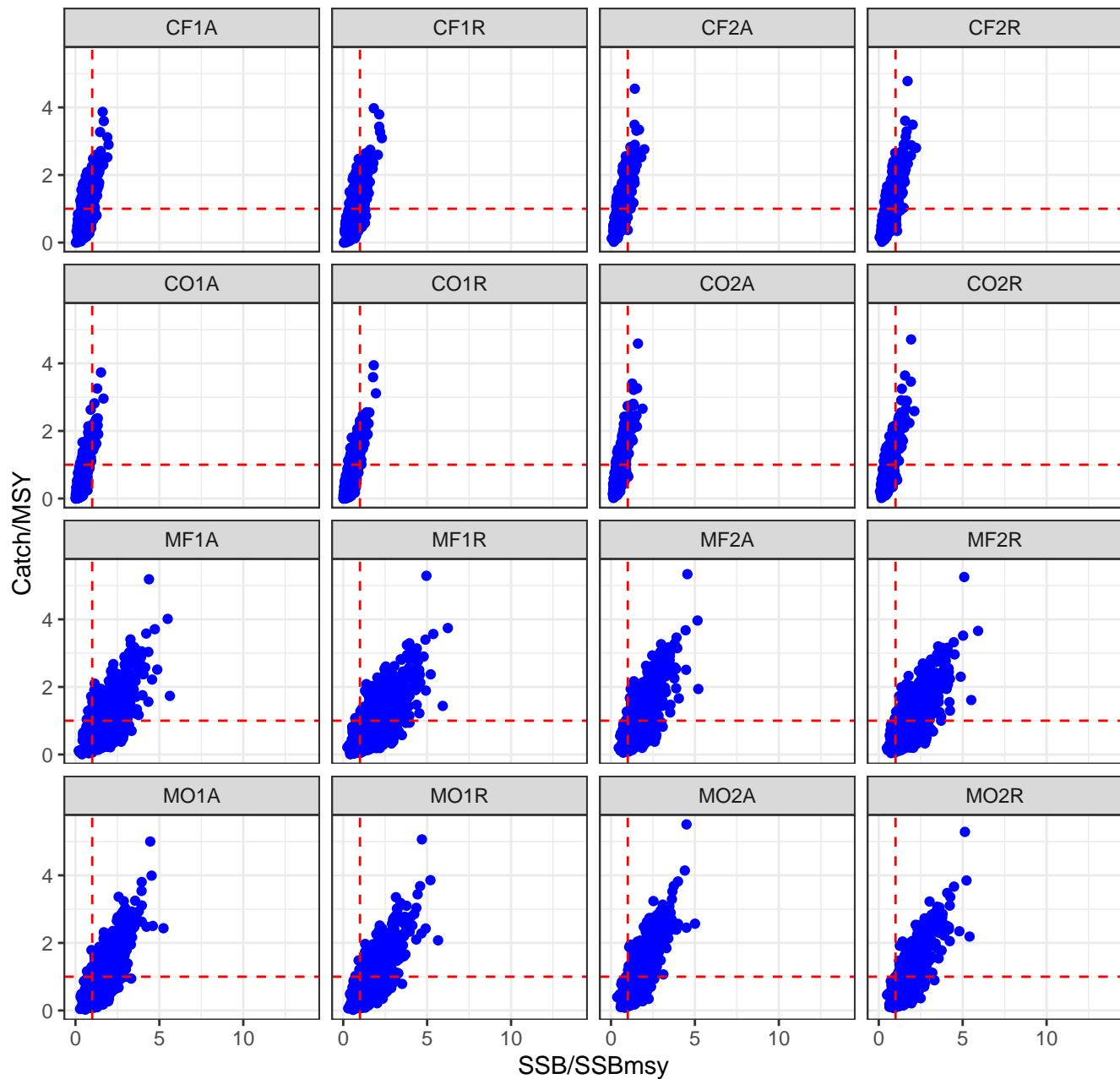
ES-Fstable Long Term



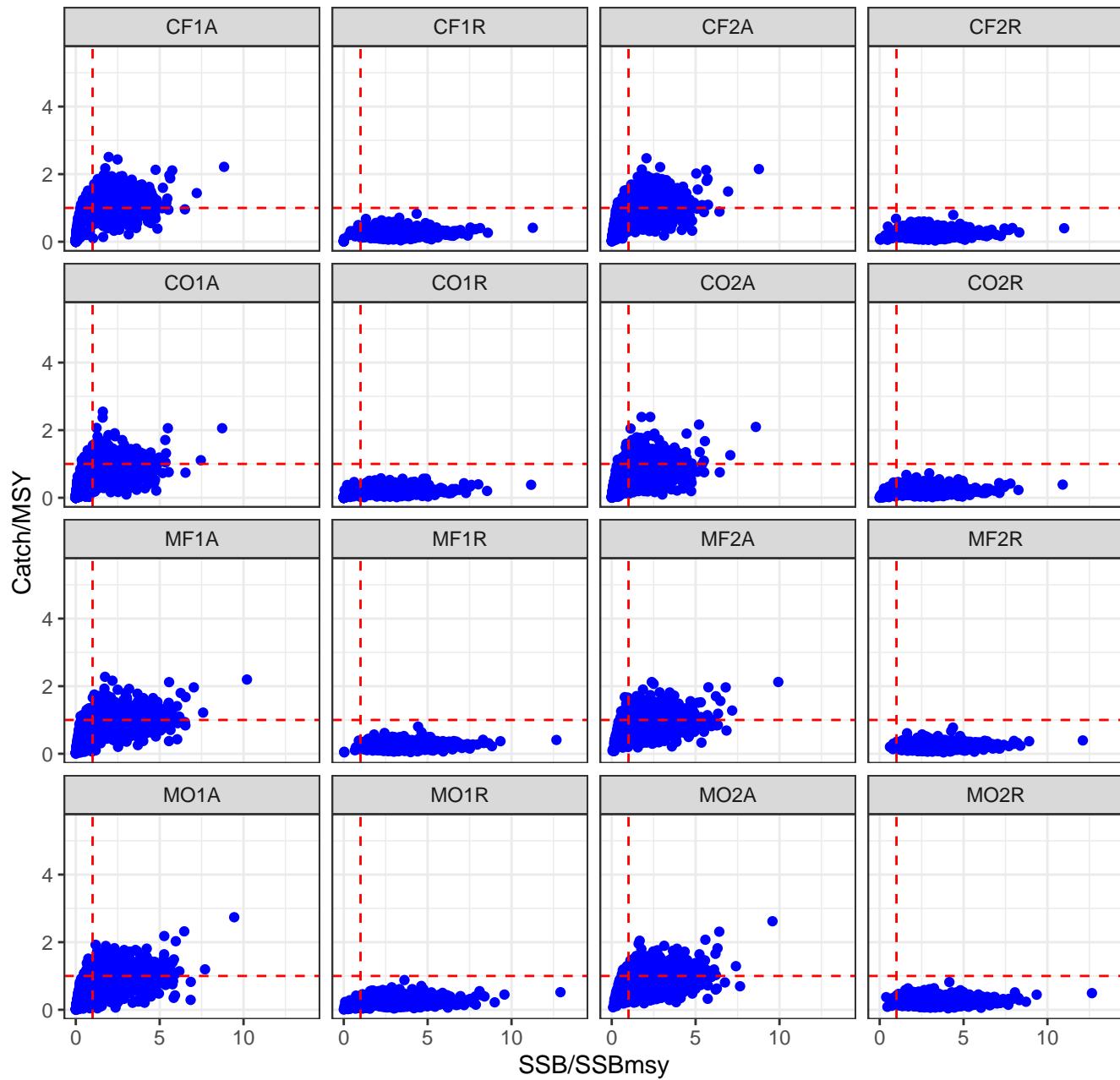
Islope Long Term



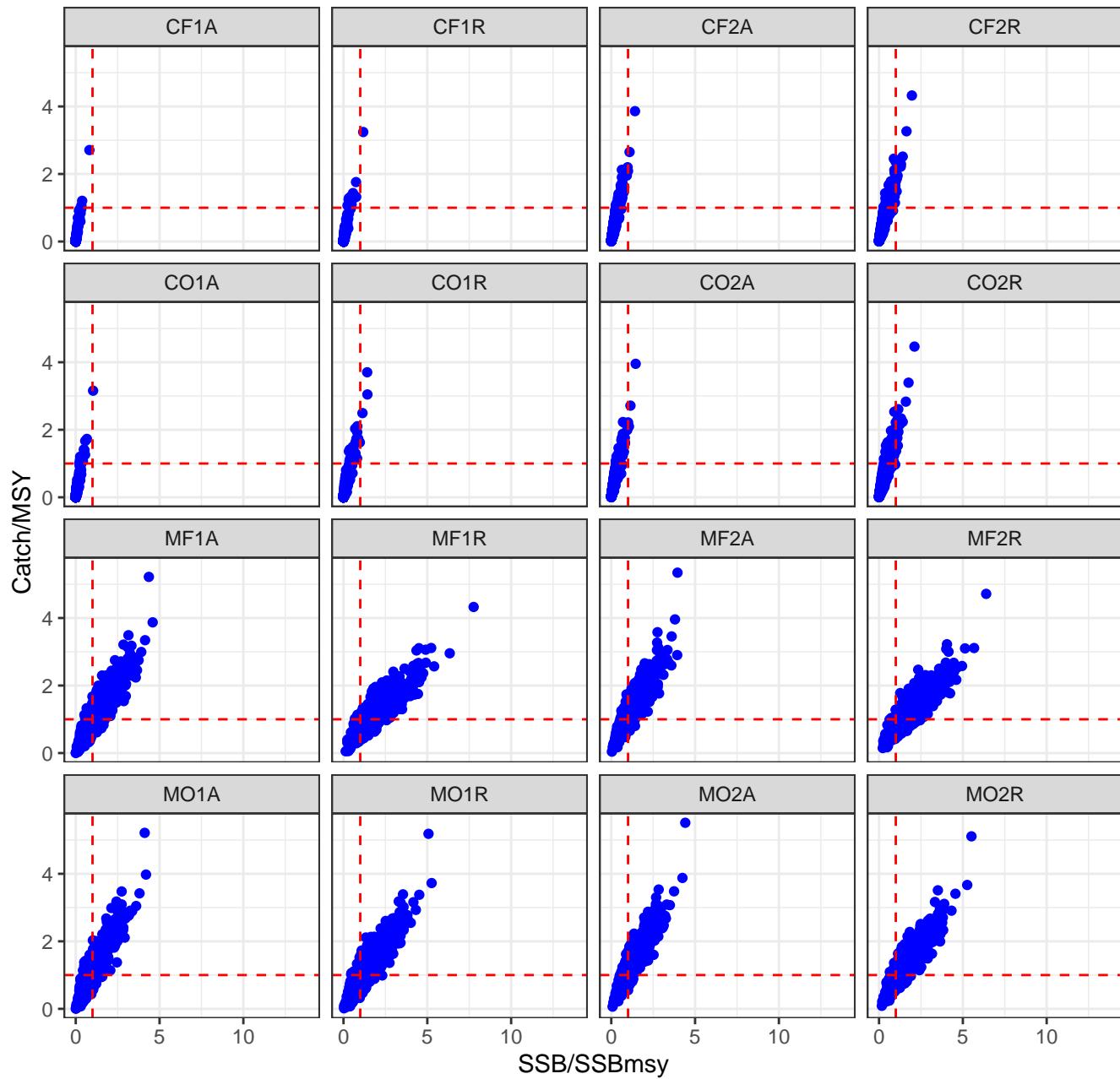
Itarget Long Term



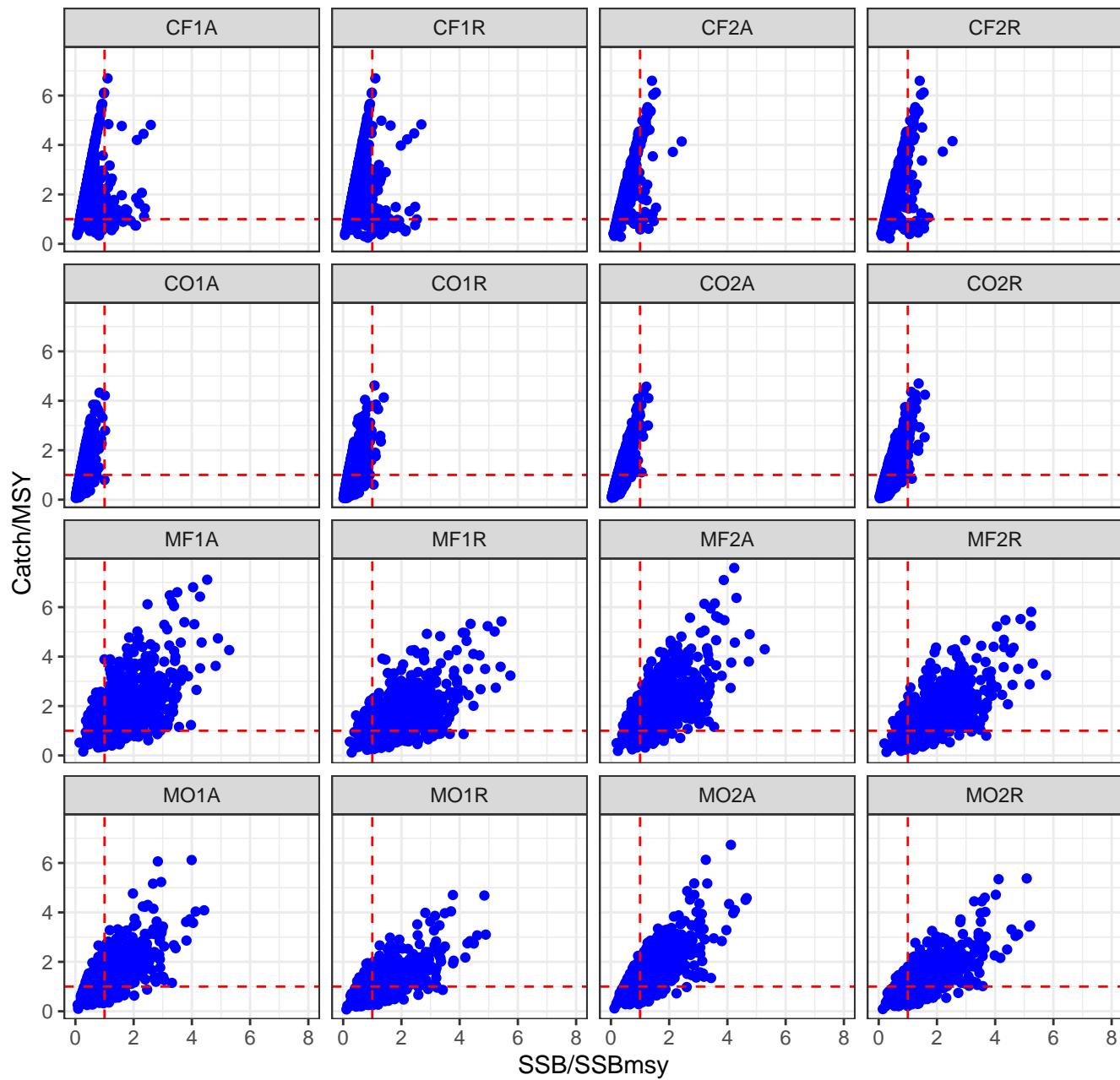
PlanB Long Term



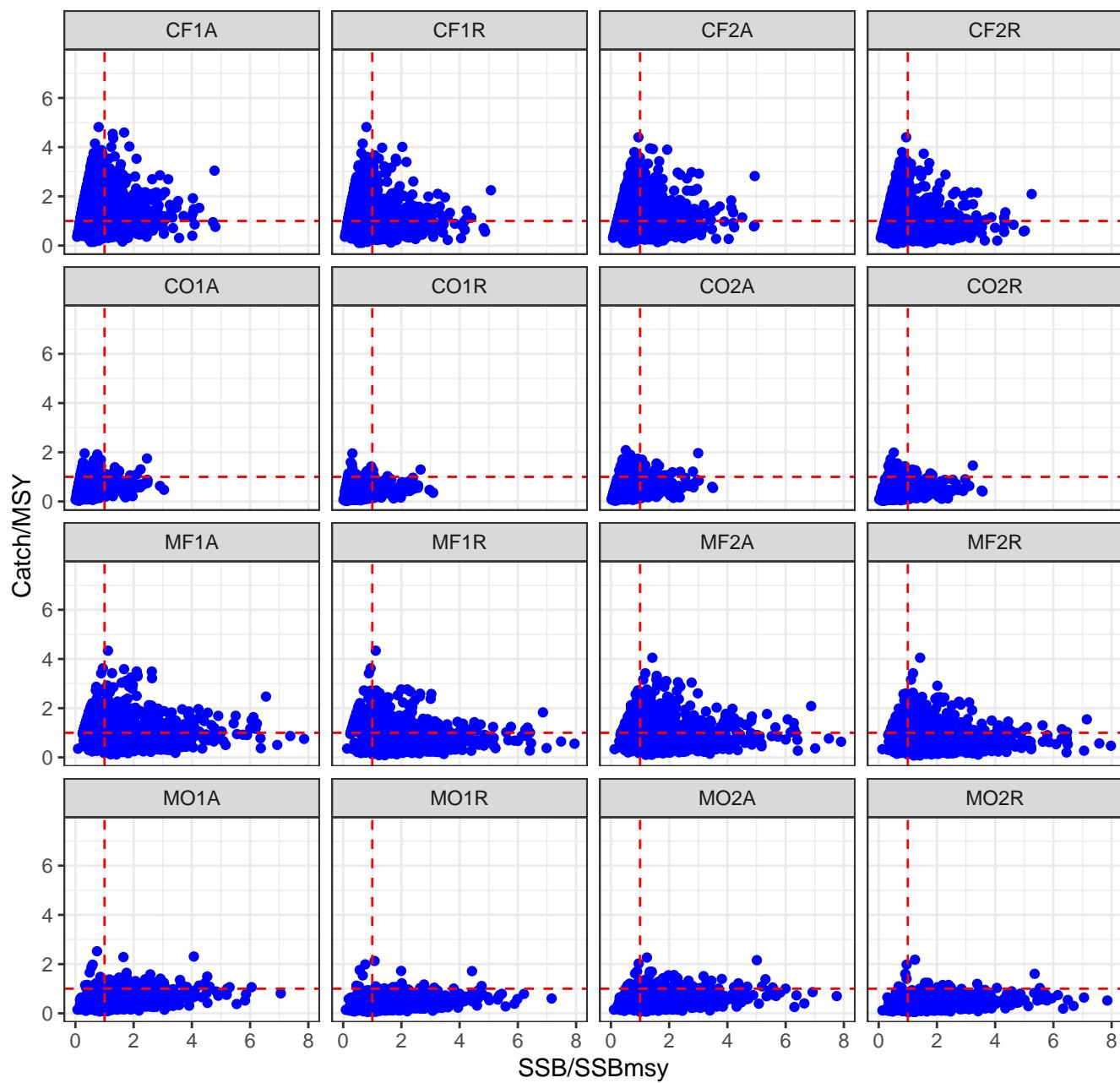
Skate Long Term



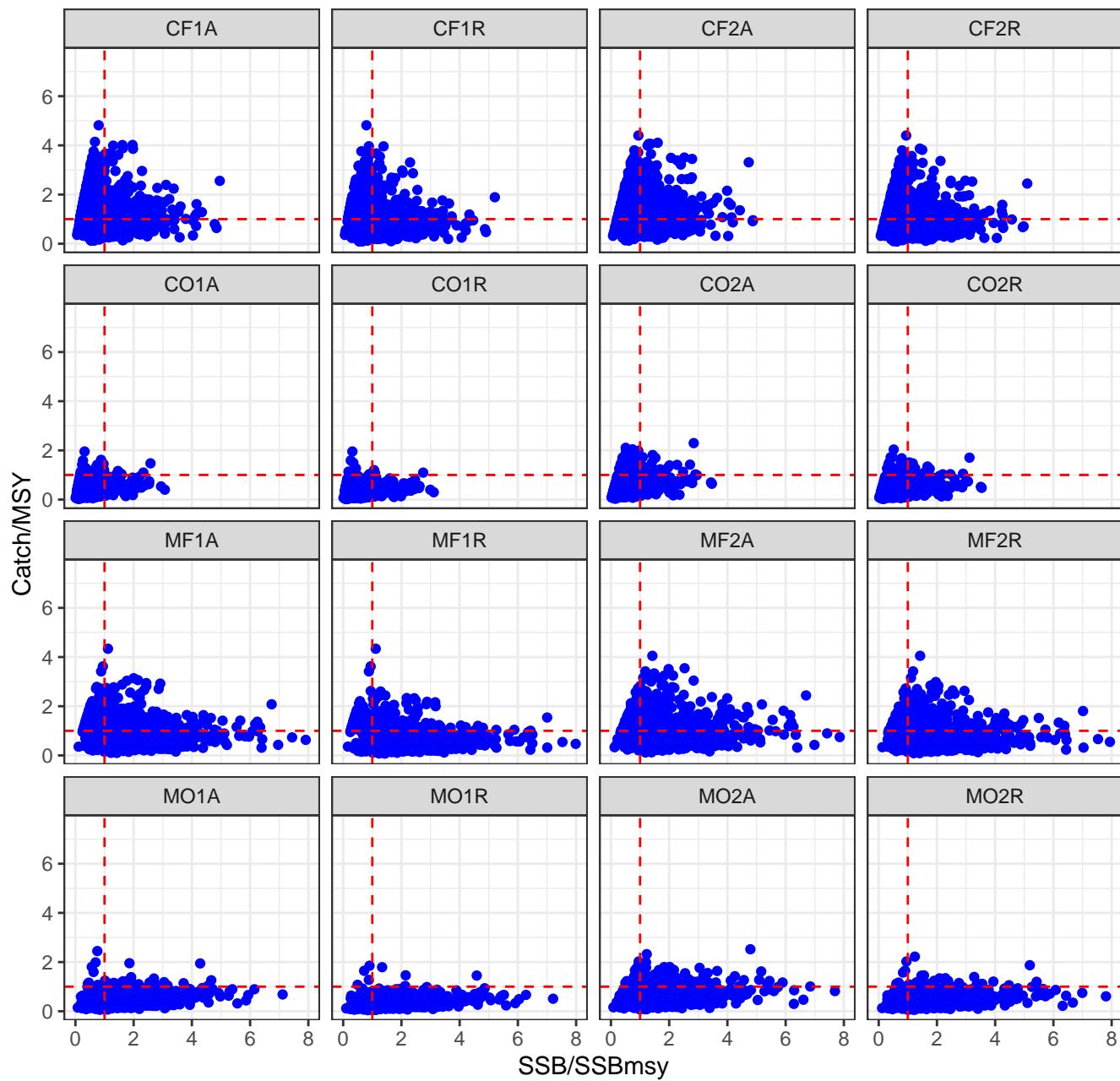
AIM Short Term



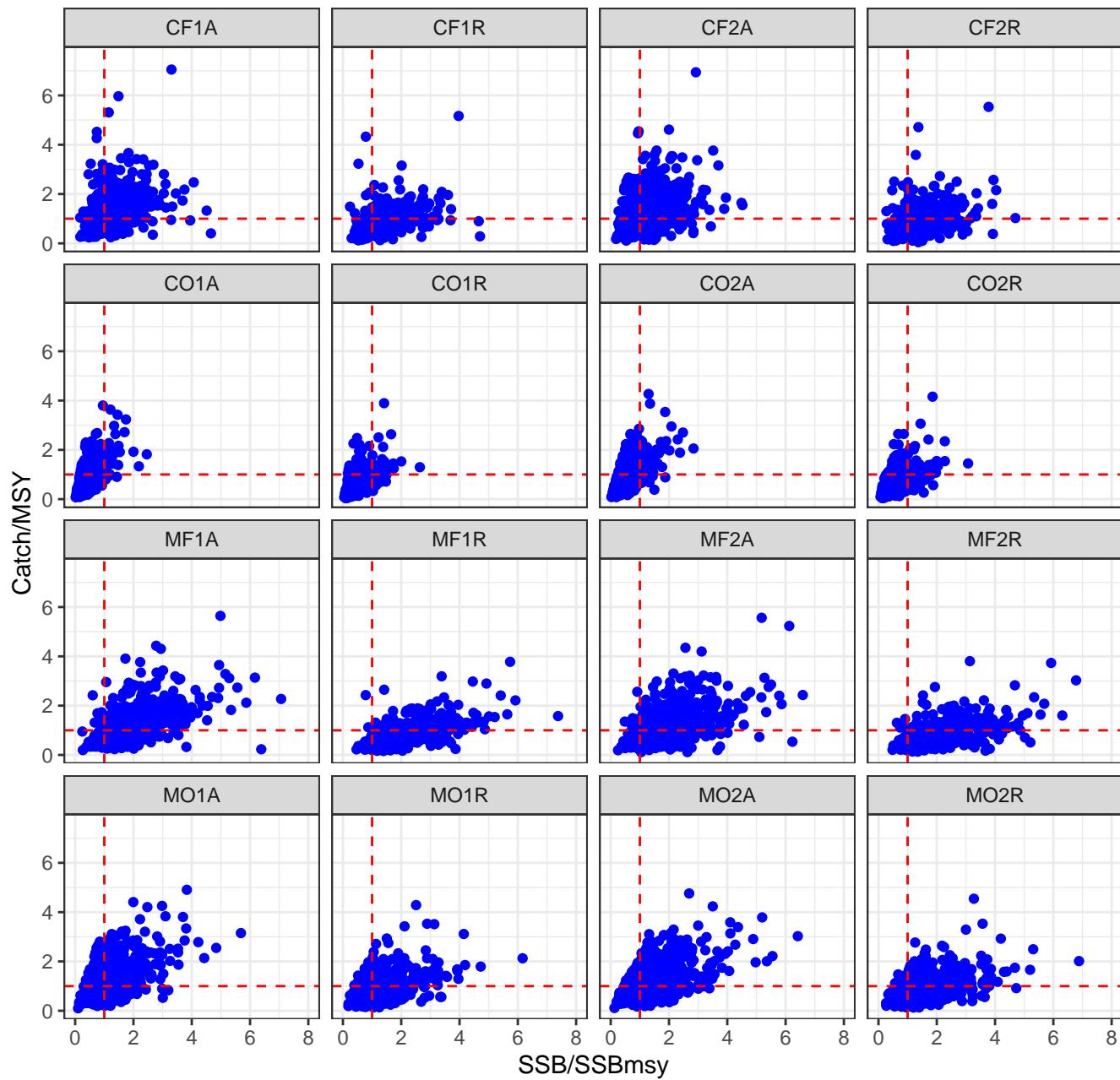
CC-FM Short Term



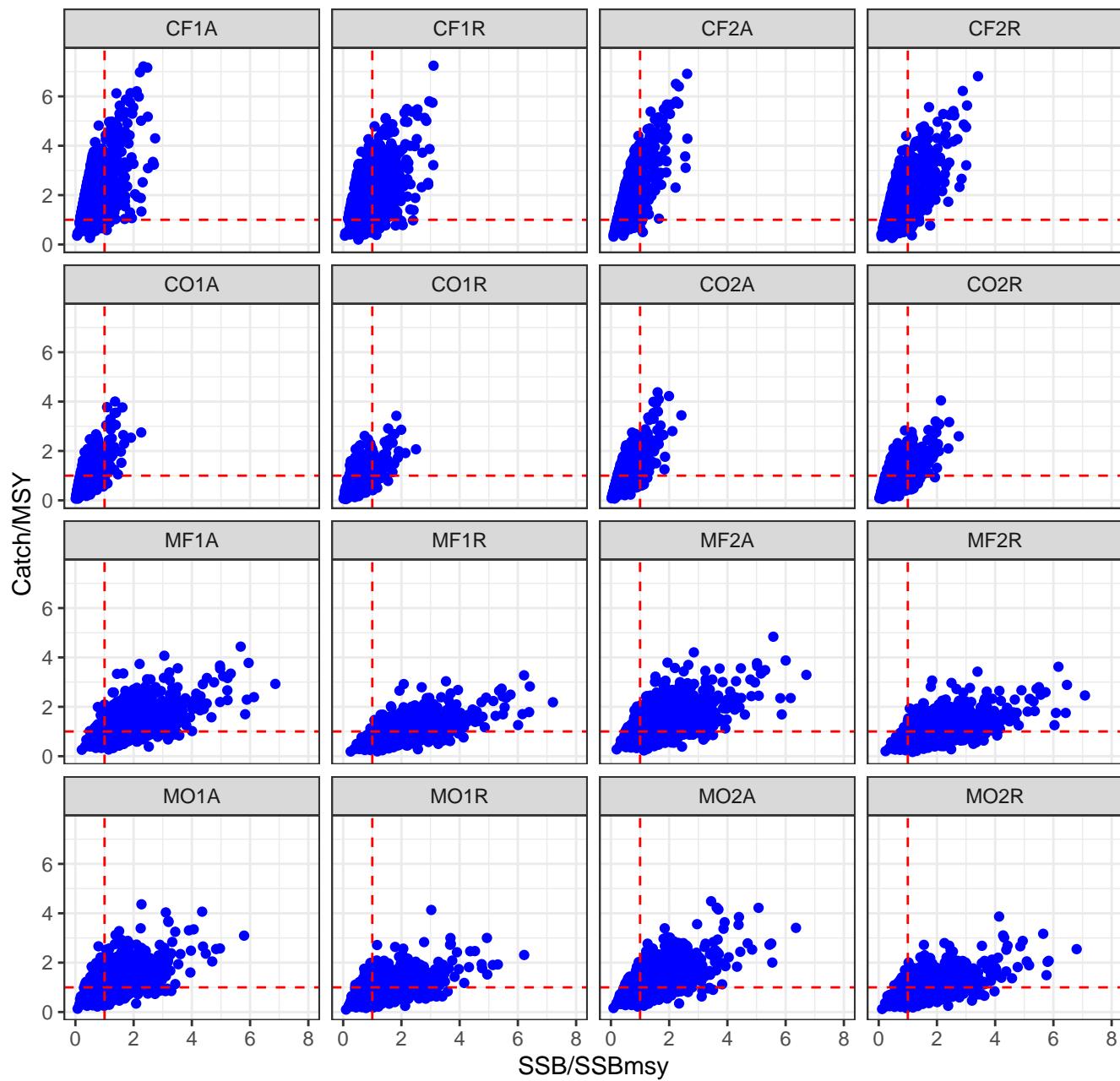
CC-FSPR Short Term



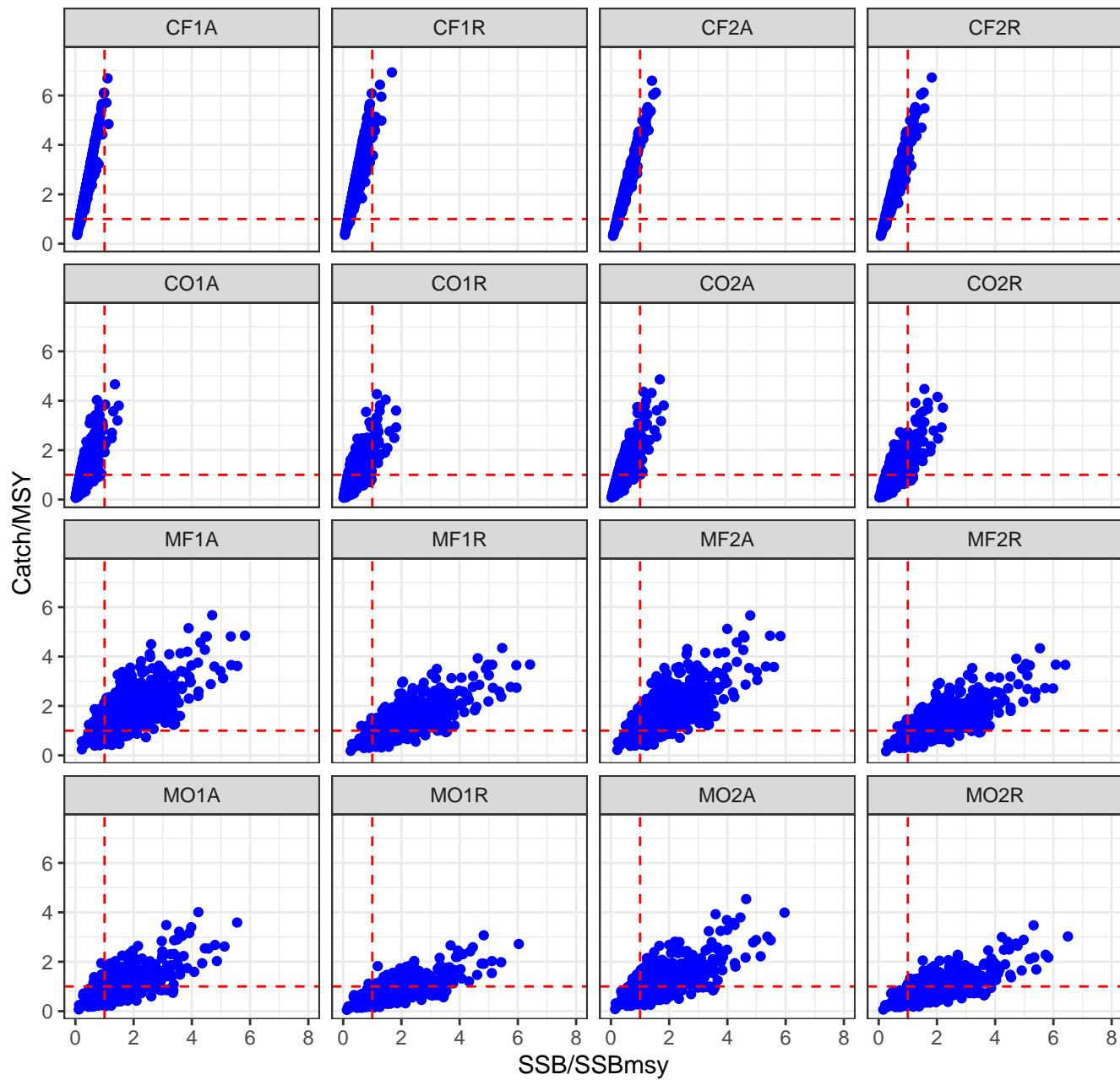
DLM Short Term



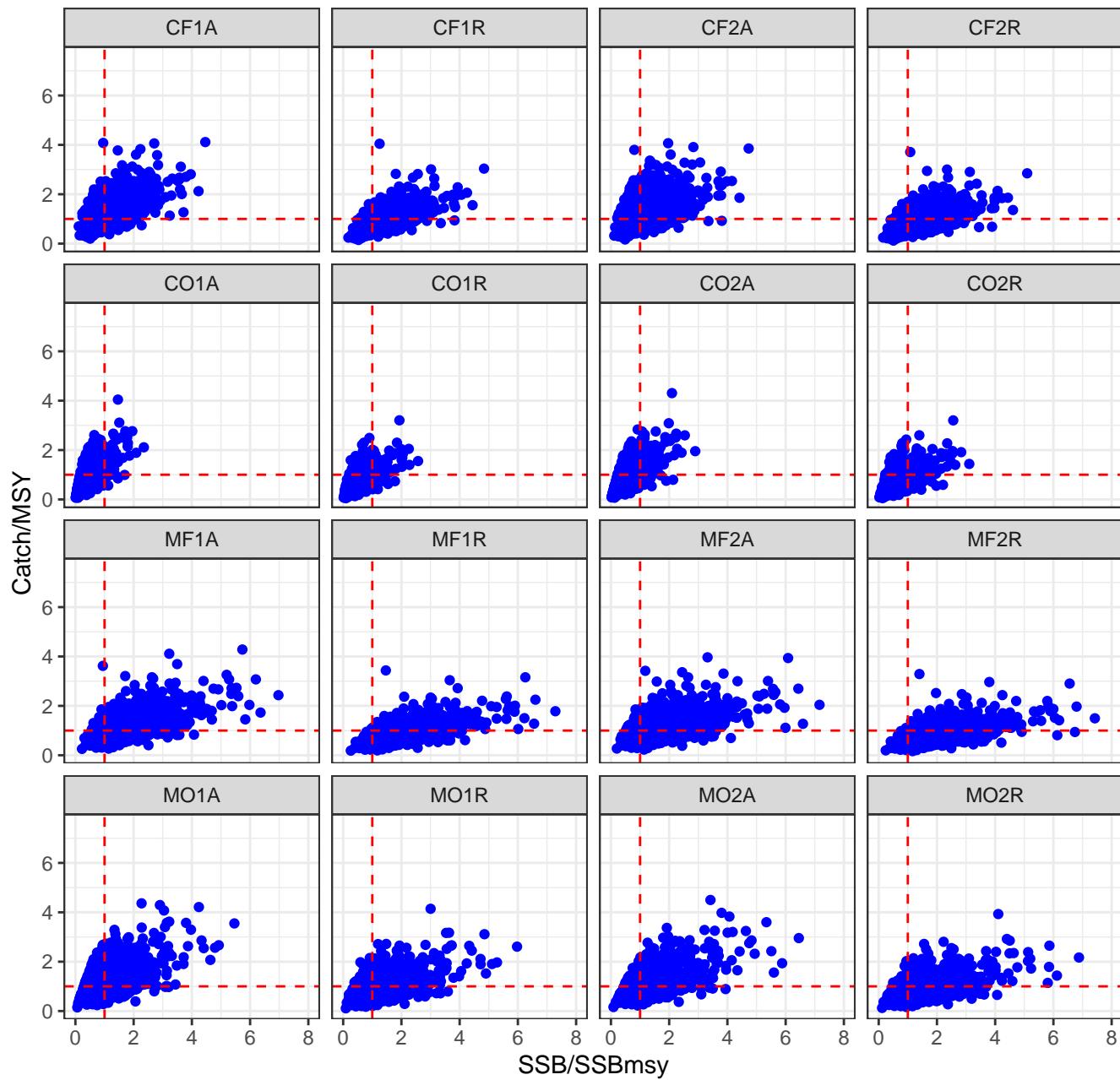
Ensemble Short Term



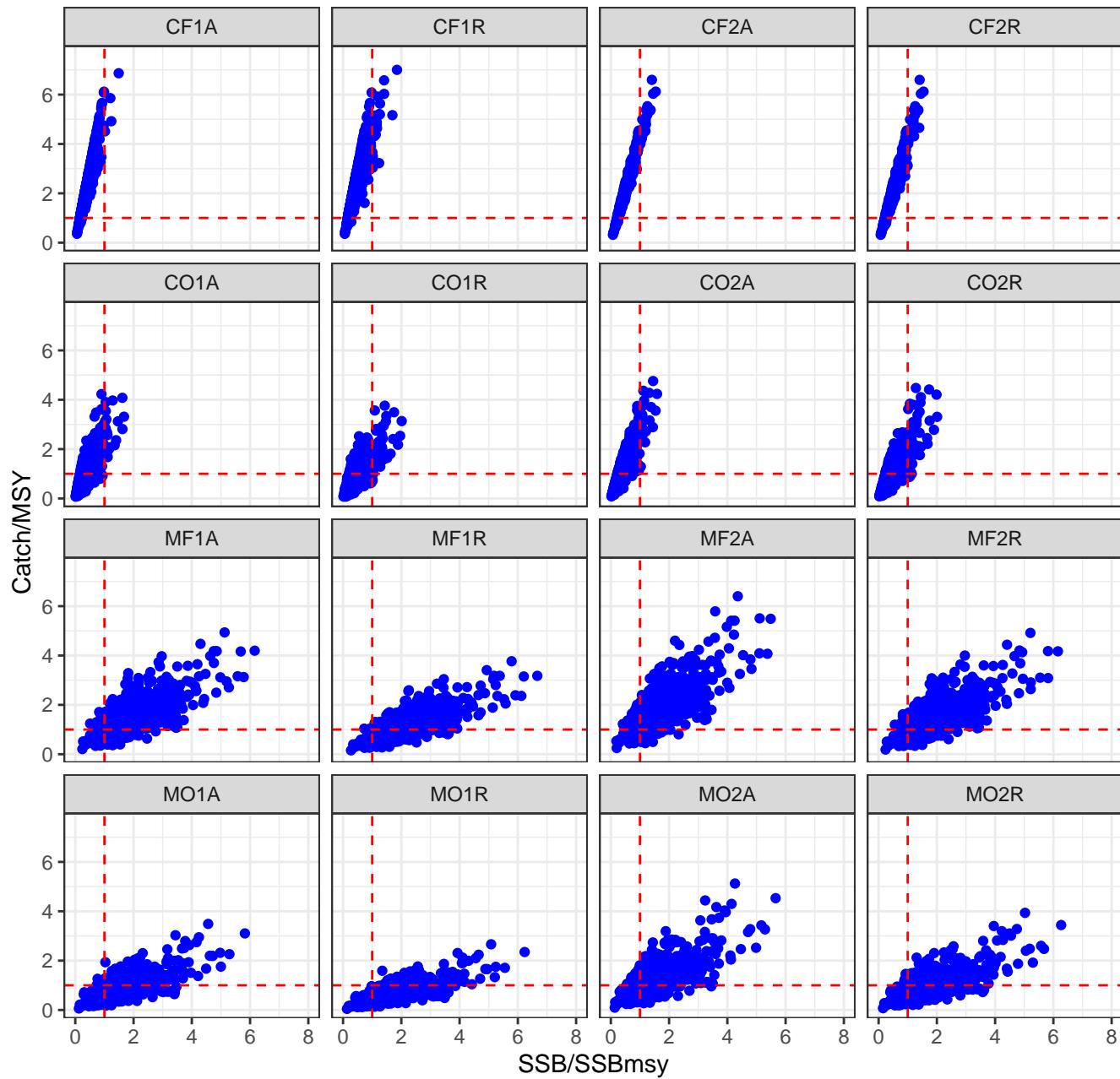
ES-FM Short Term



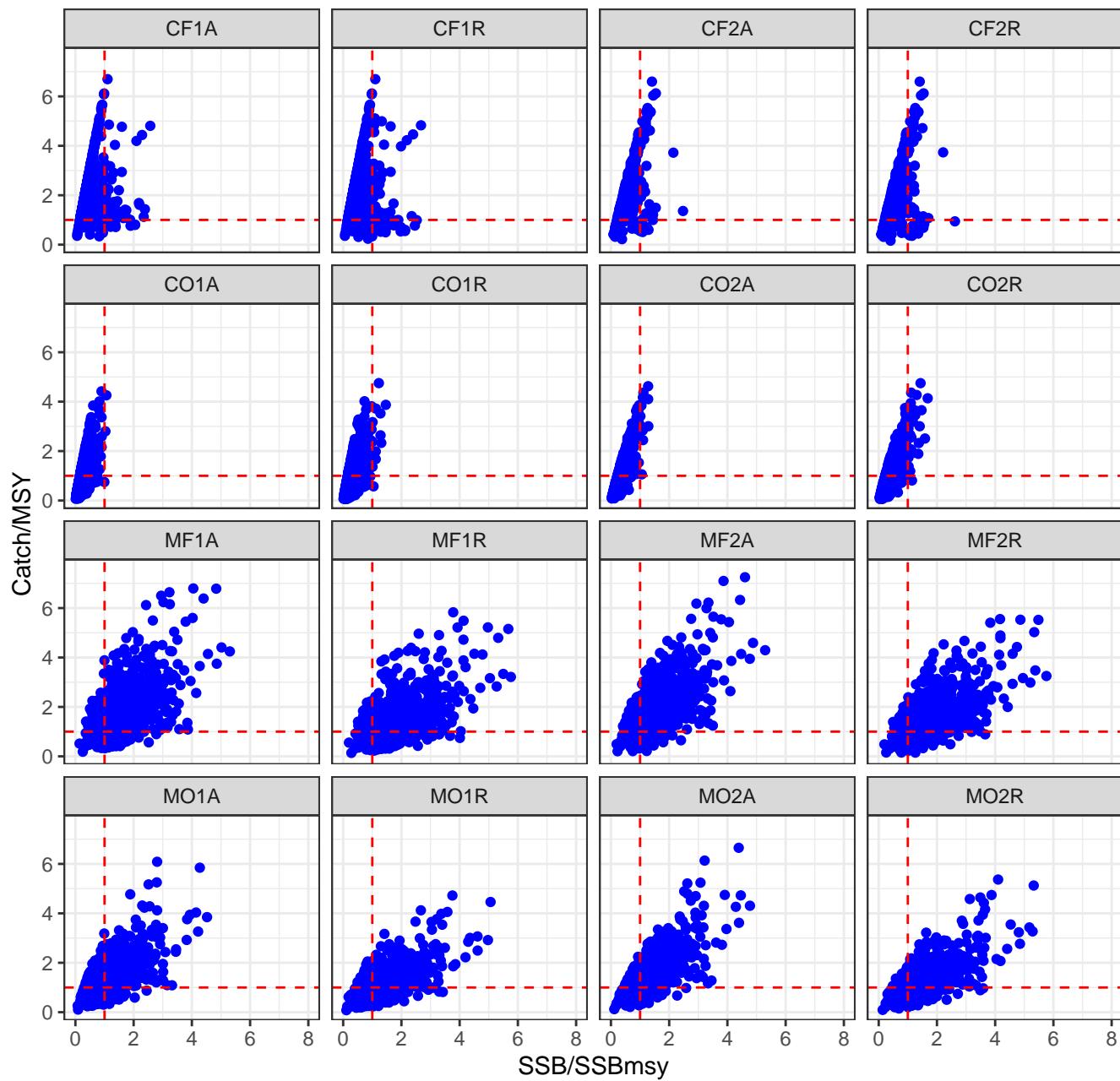
ES-Frecent Short Term



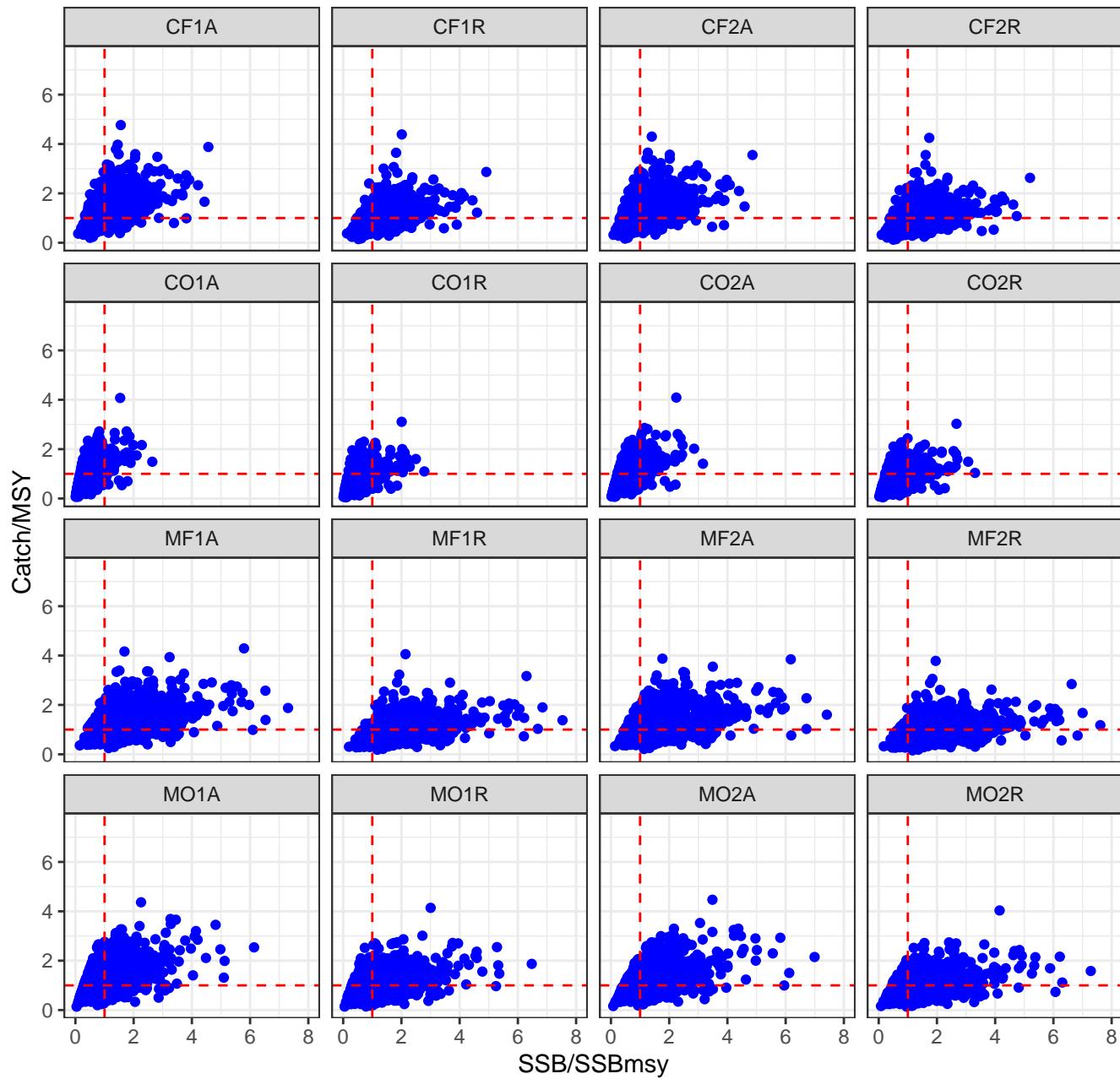
ES-FSPR Short Term



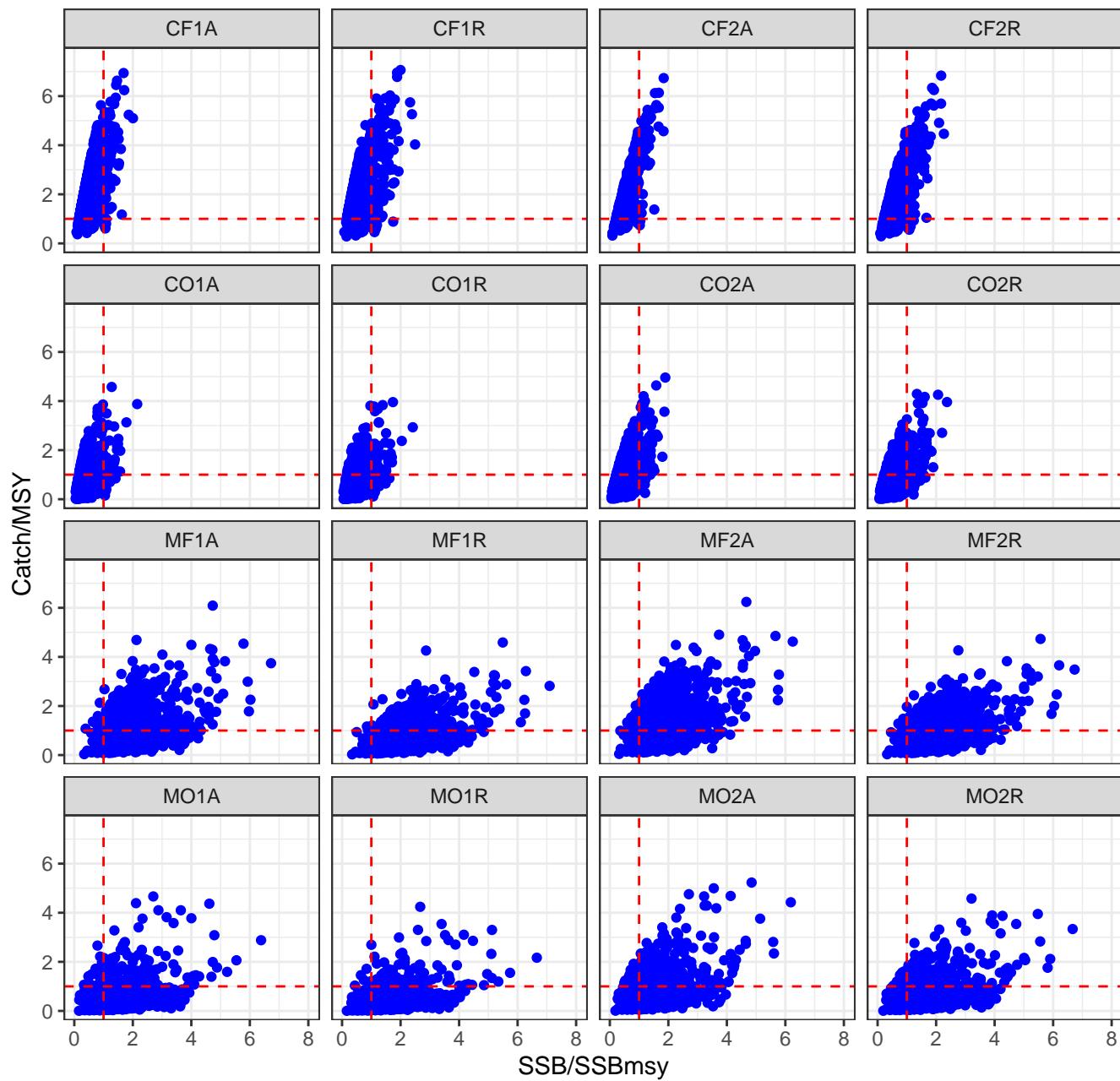
ES-Fstable Short Term



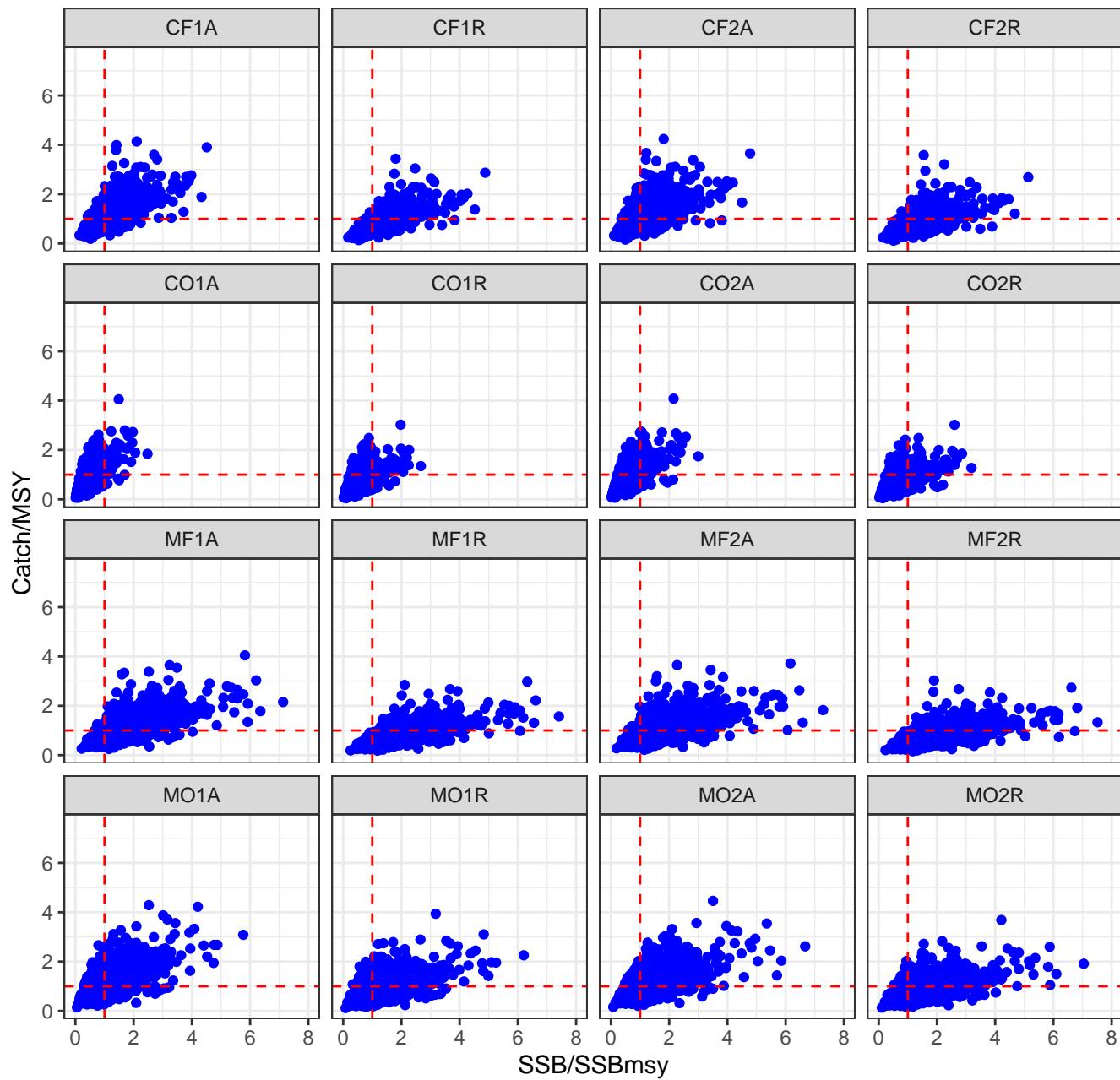
Islope Short Term



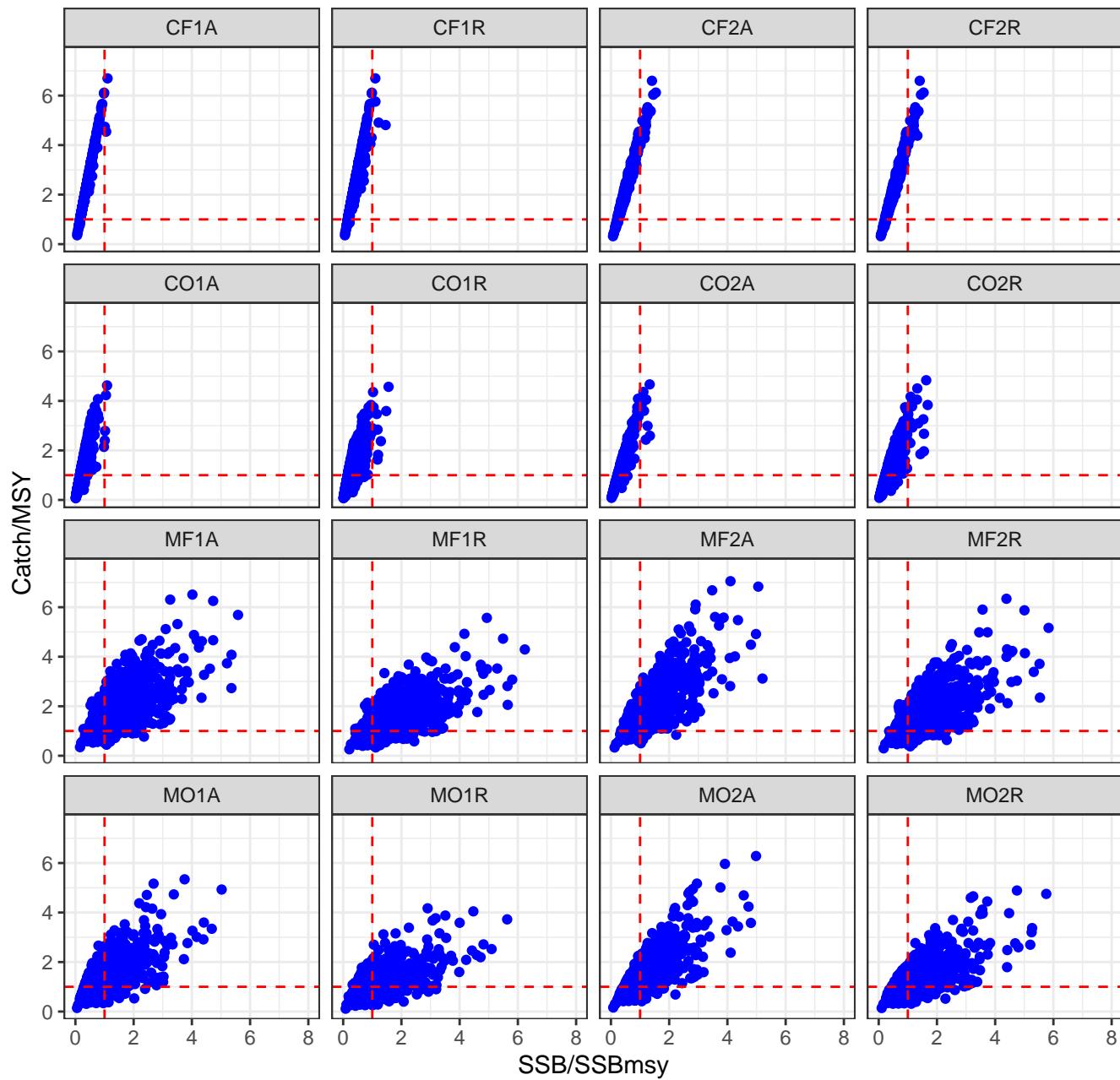
Itarget Short Term



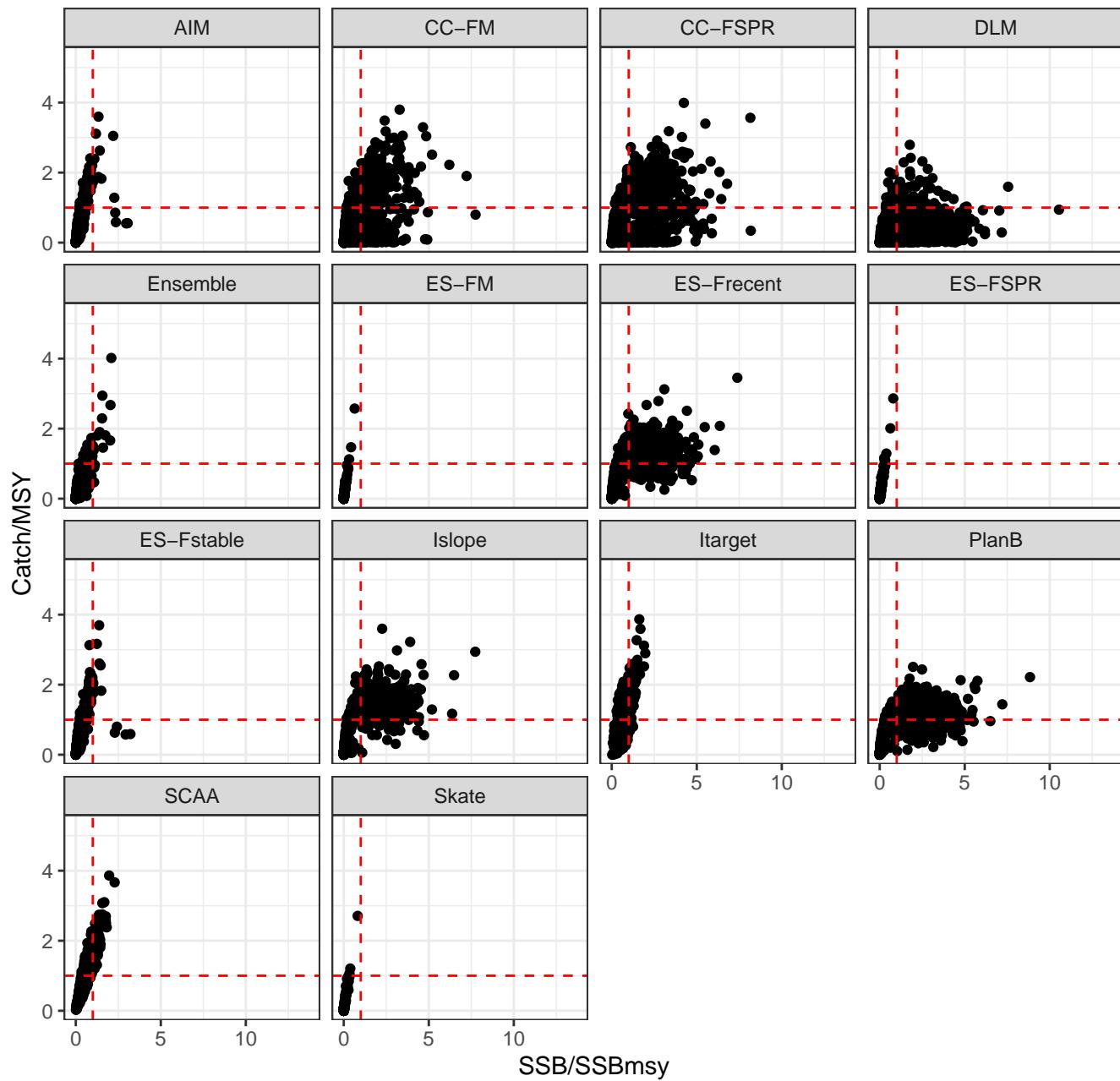
PlanB Short Term



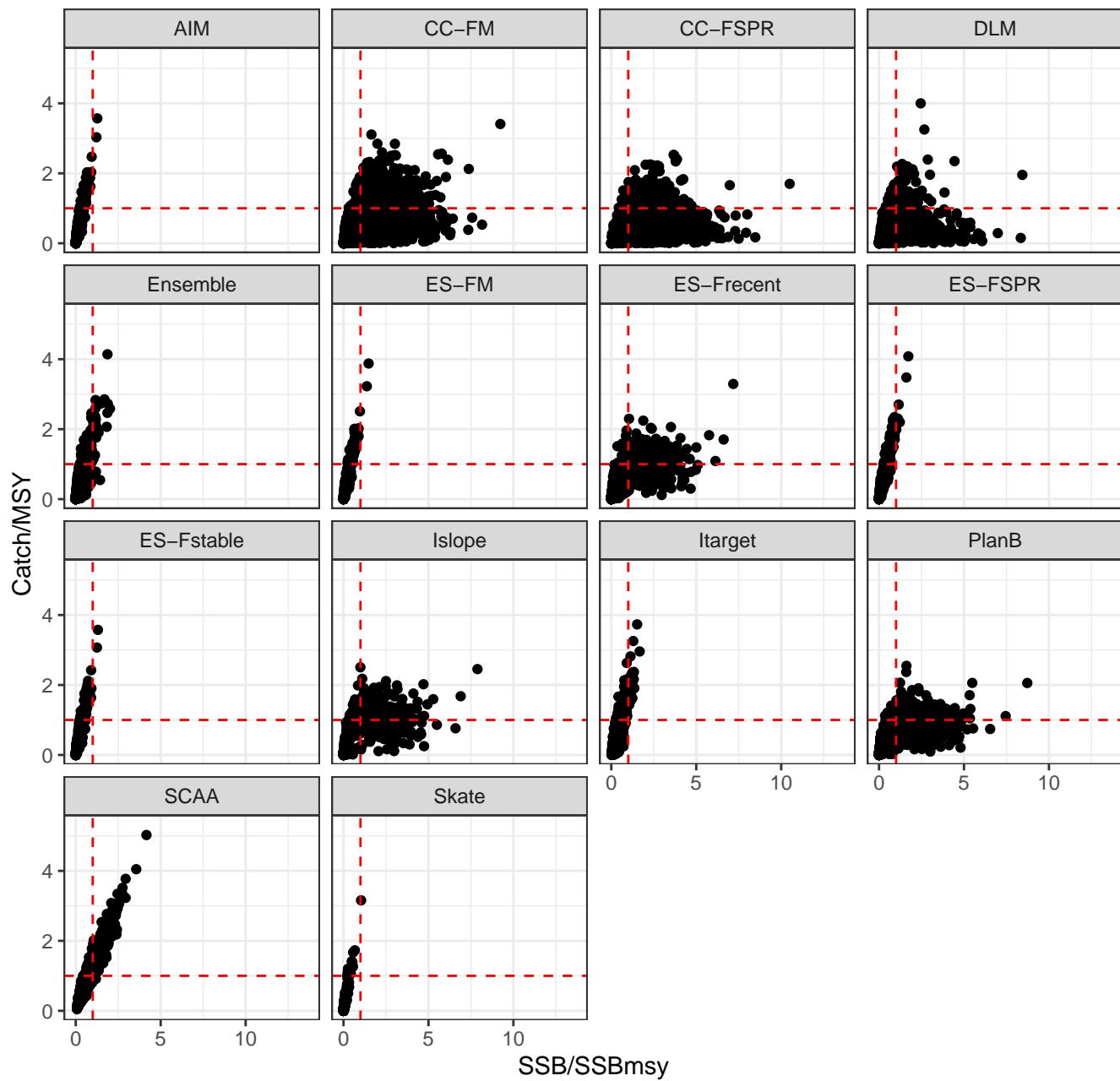
Skate Short Term



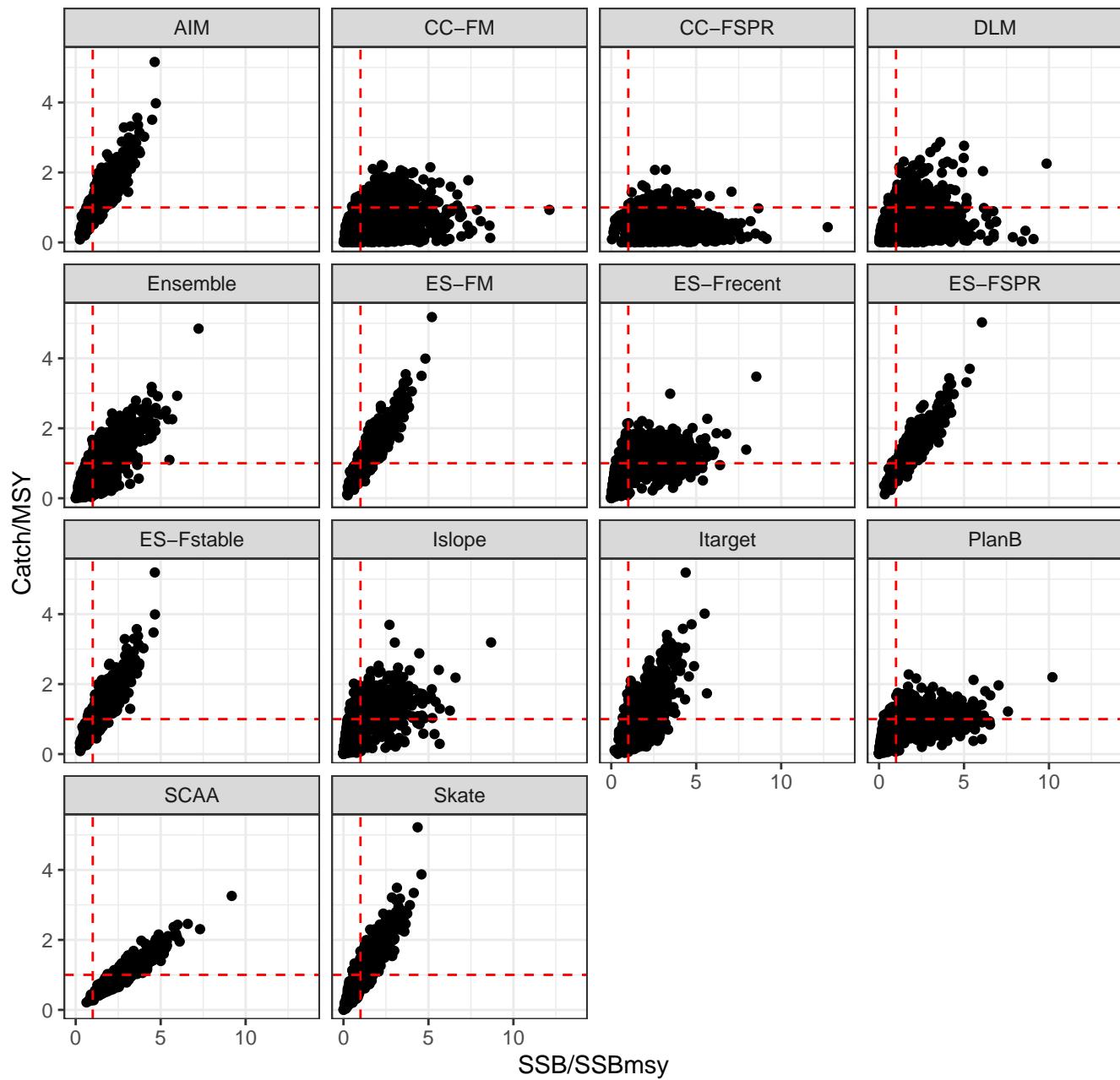
CF1A Long Term (SCAA scenarios)



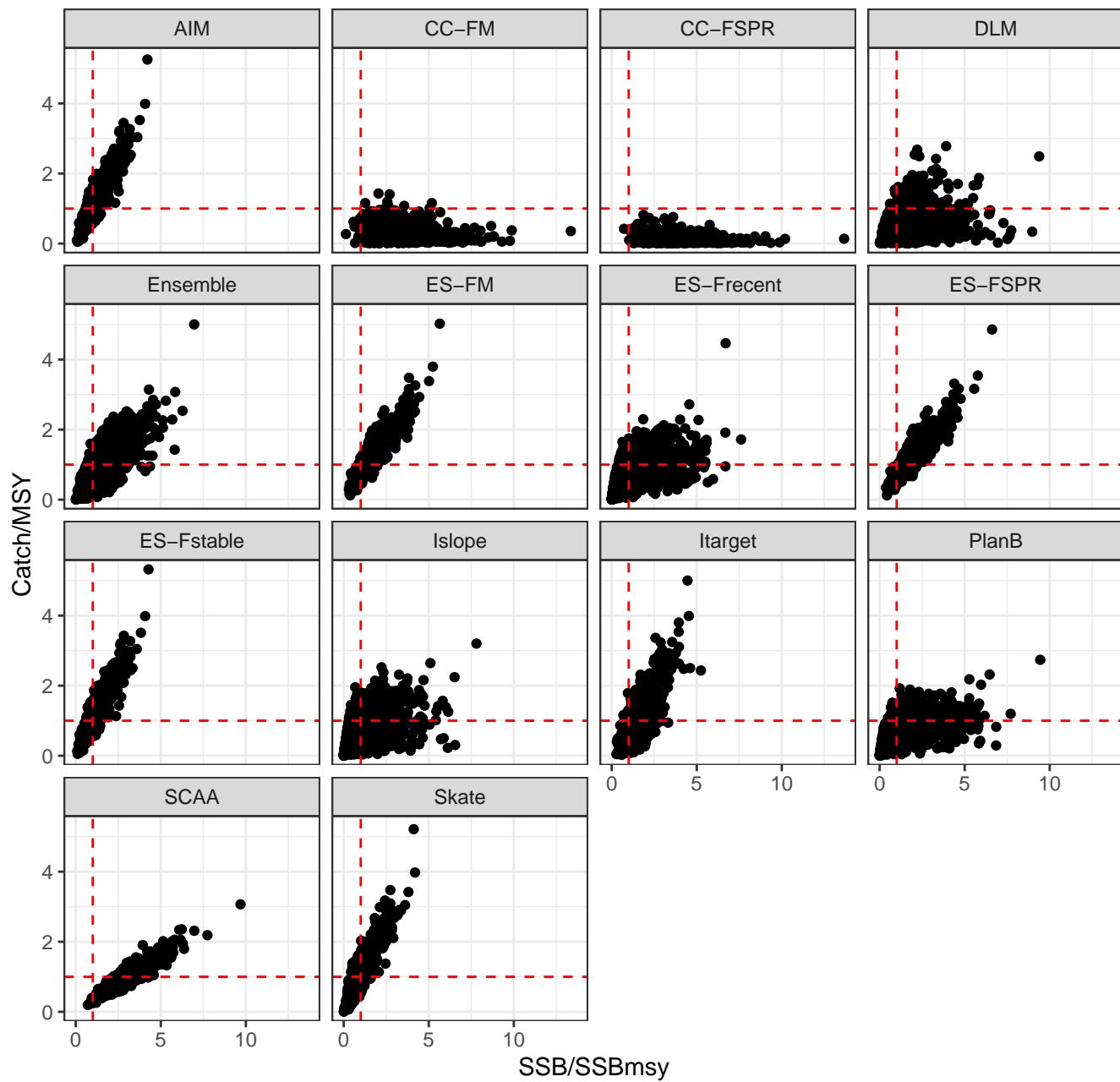
CO1A Long Term (SCAA scenarios)



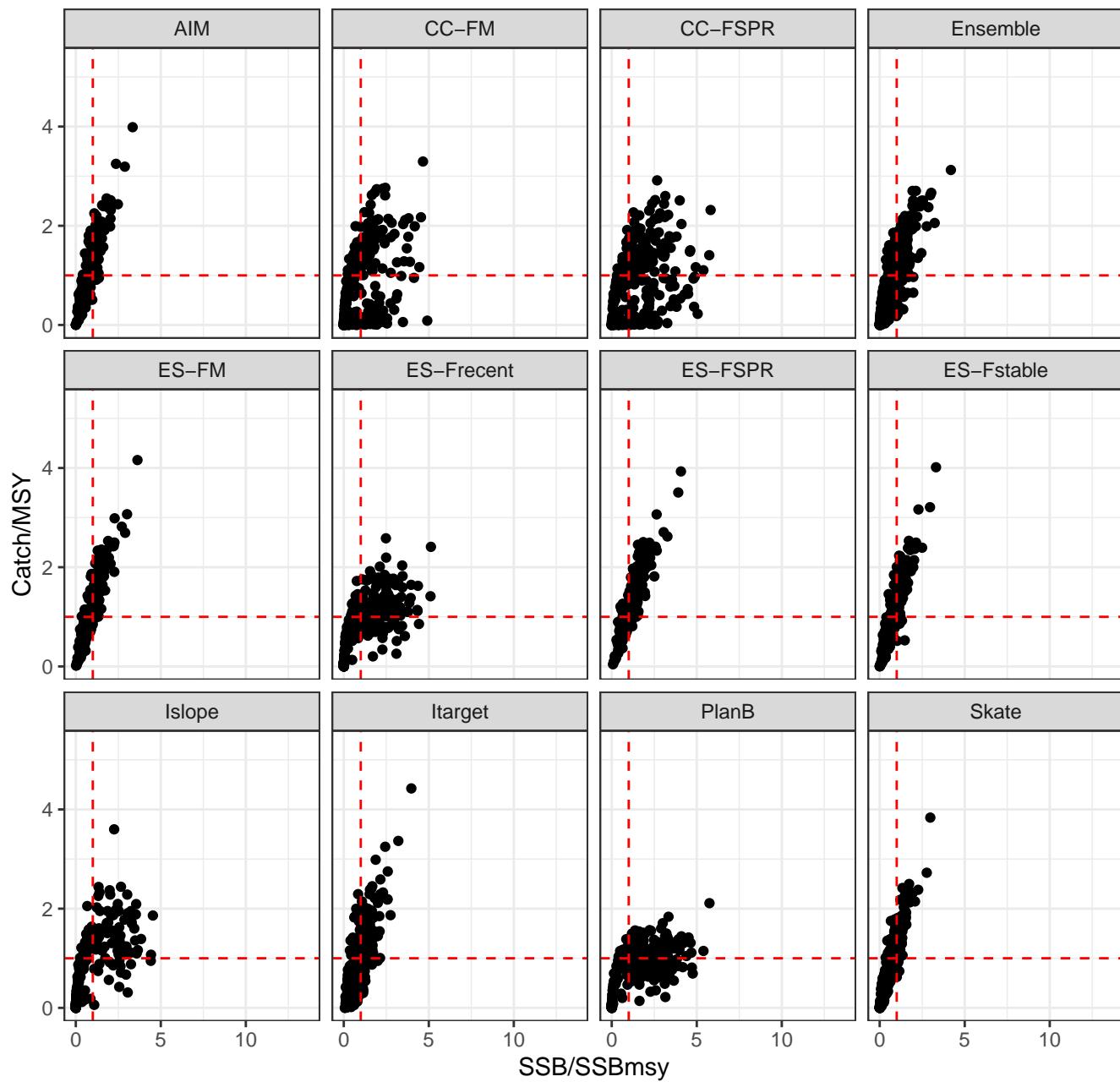
MF1A Long Term (SCAA scenarios)



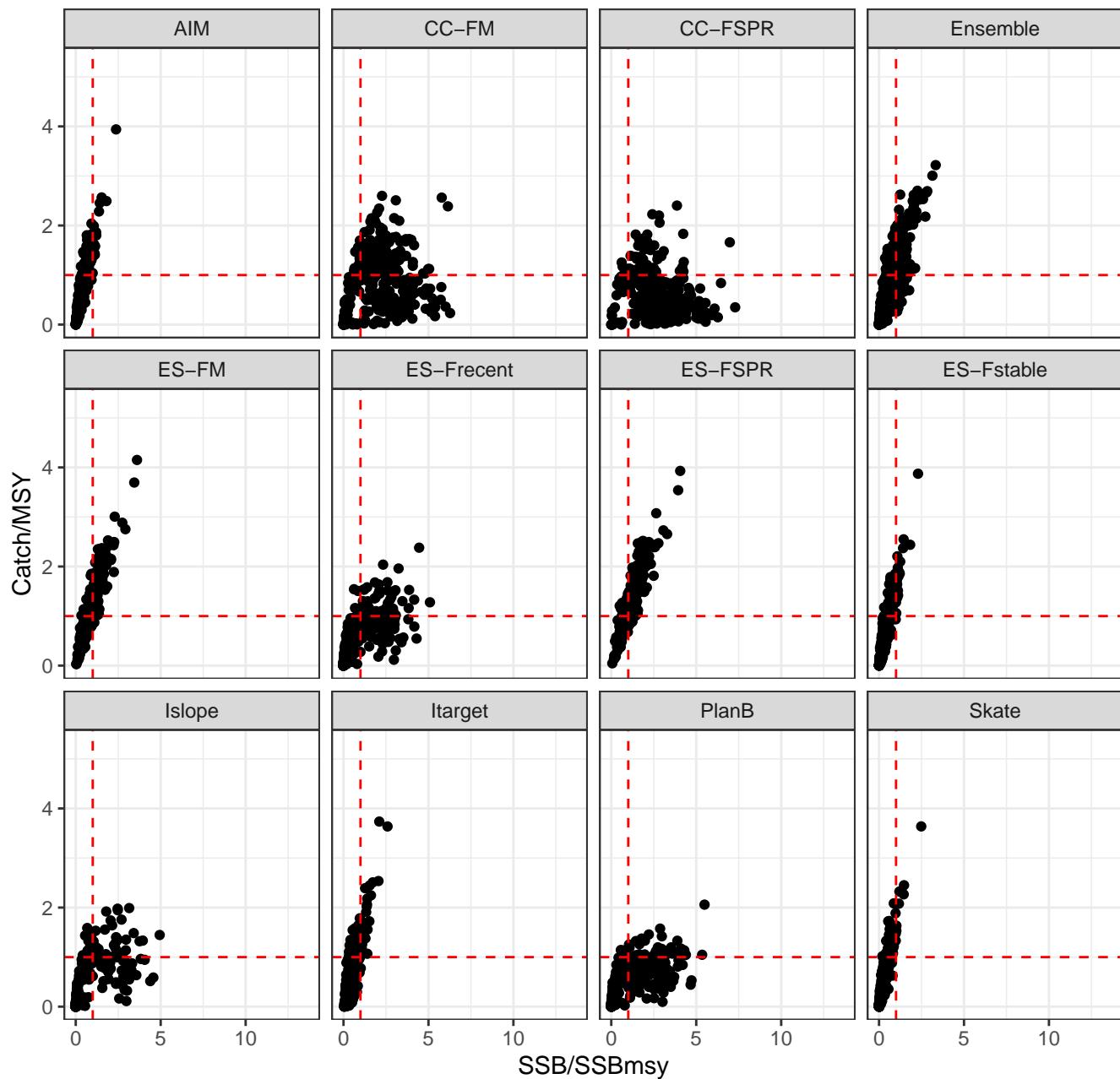
MO1A Long Term (SCAA scenarios)



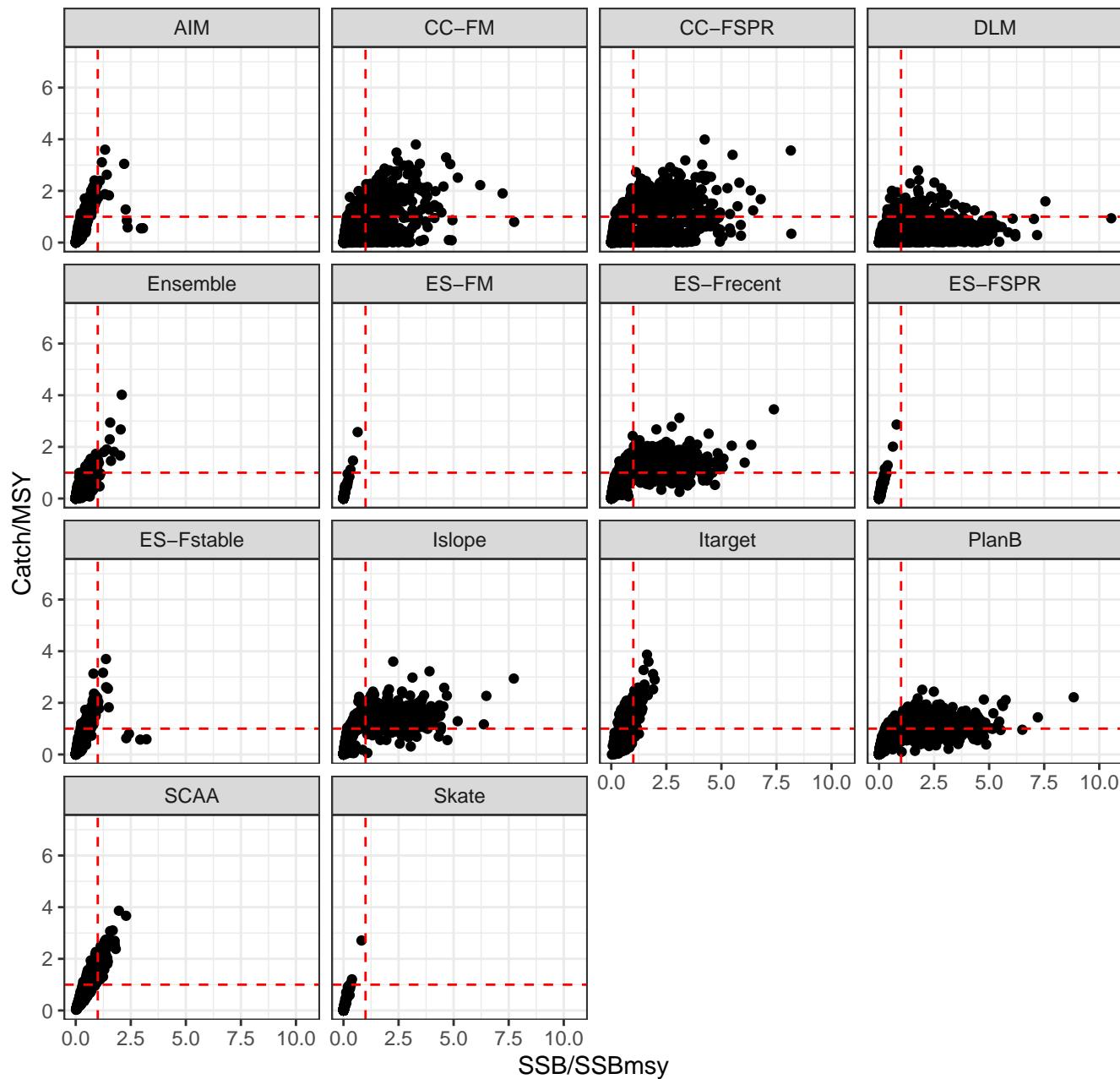
NF1A Long Term (SCAA scenarios)



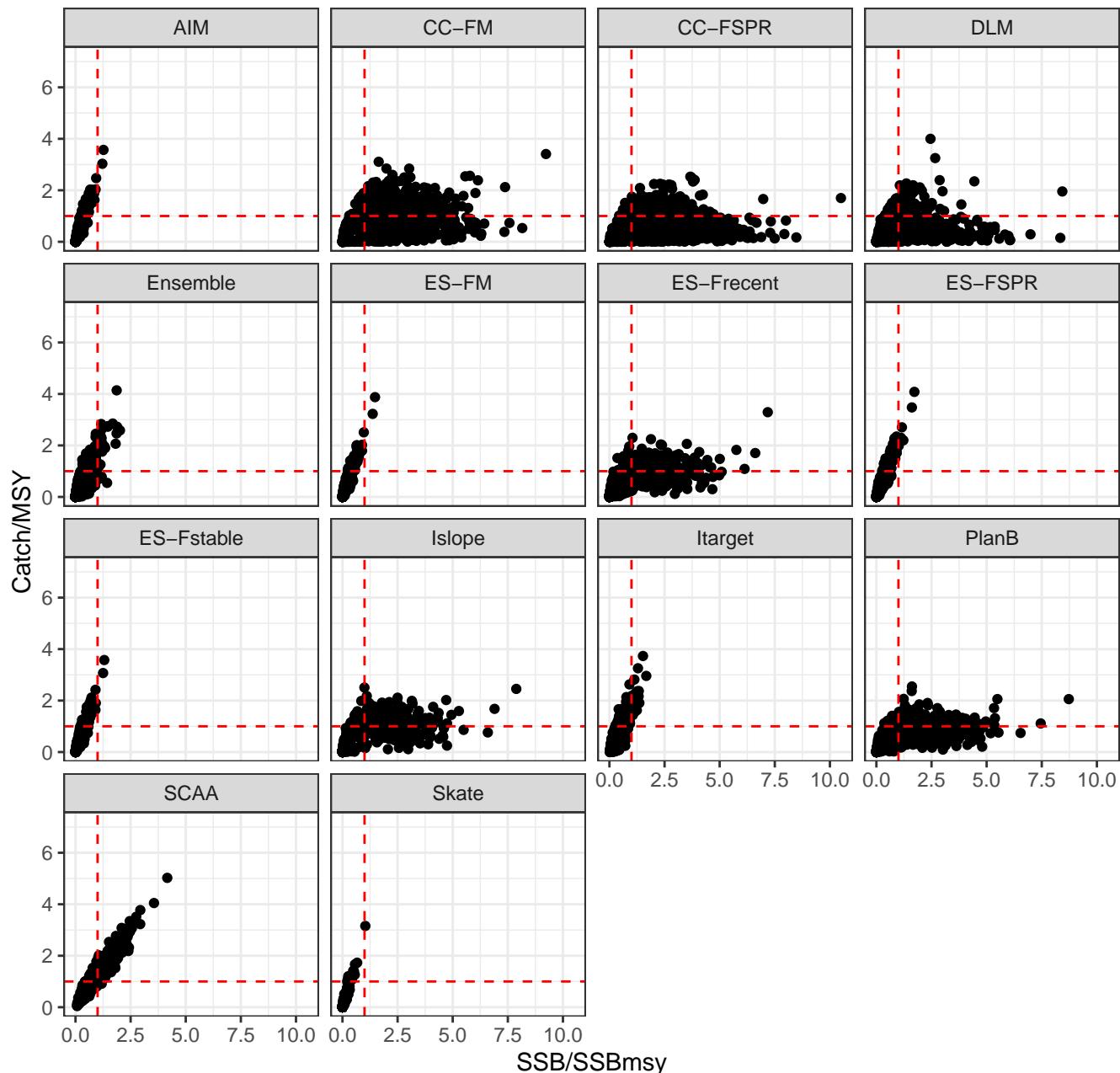
NO1A Long Term (SCAA scenarios)



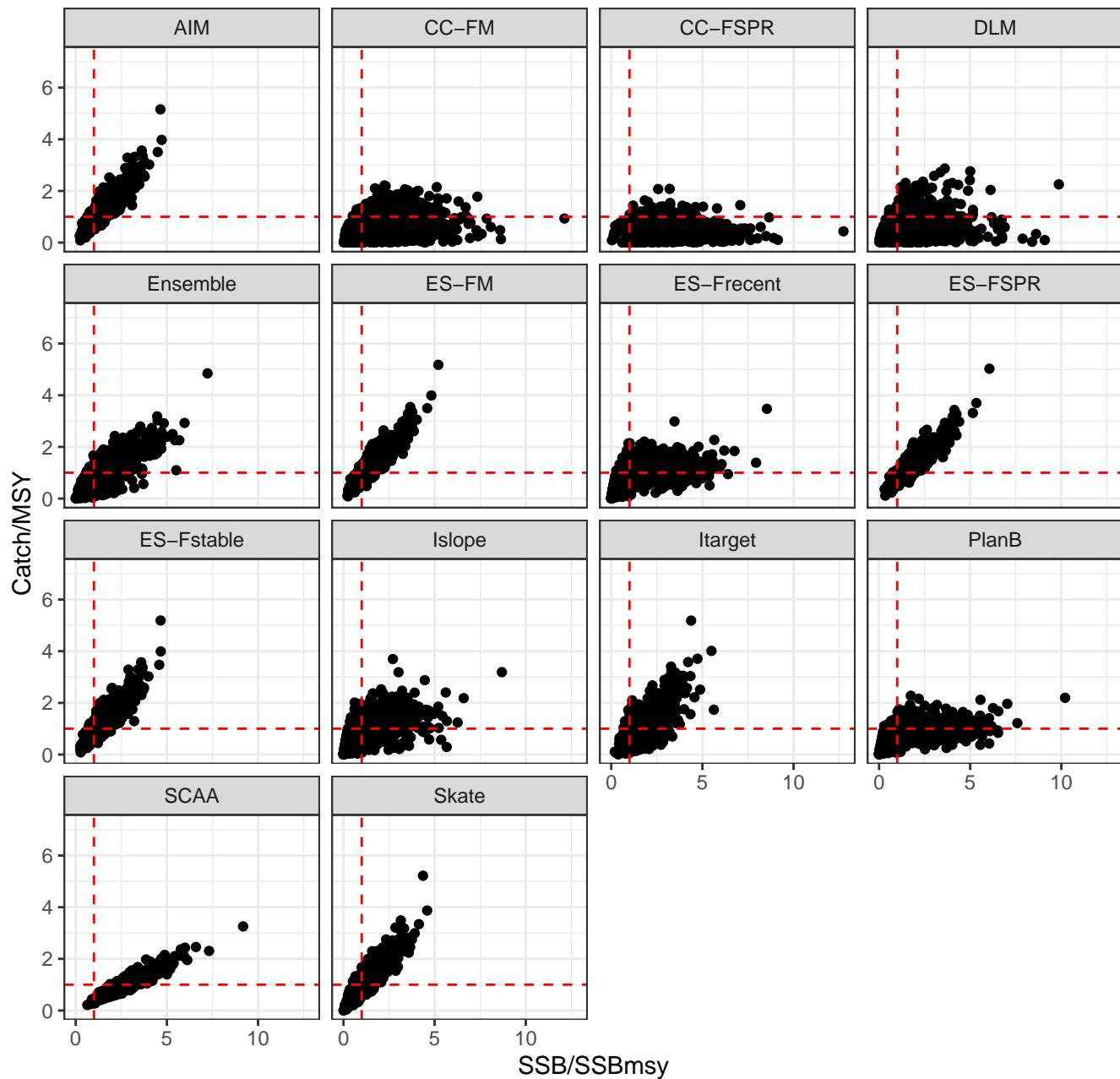
CF1A Short Term (SCAA scenarios)



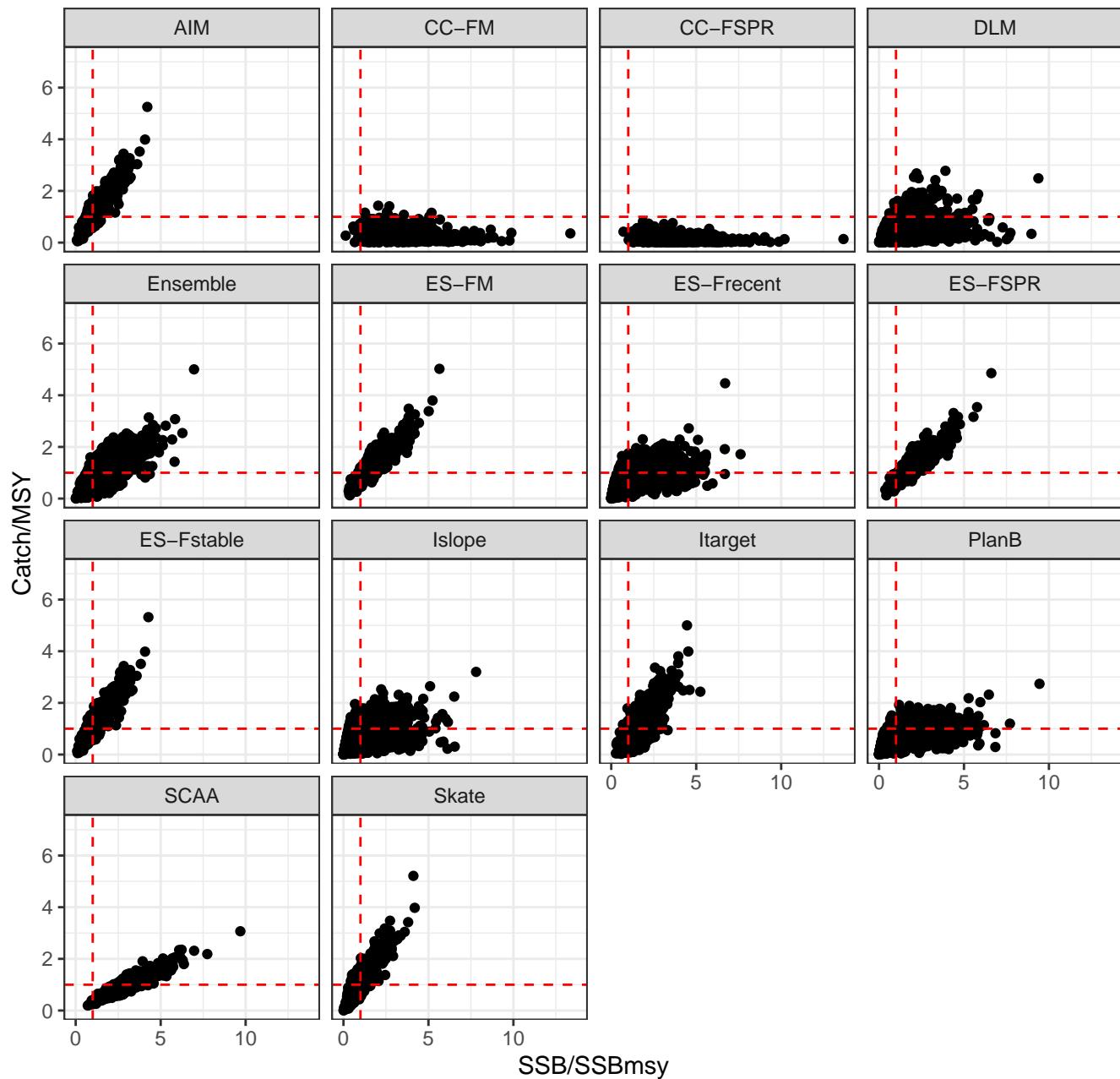
CO1A Short Term (SCAA scenarios)



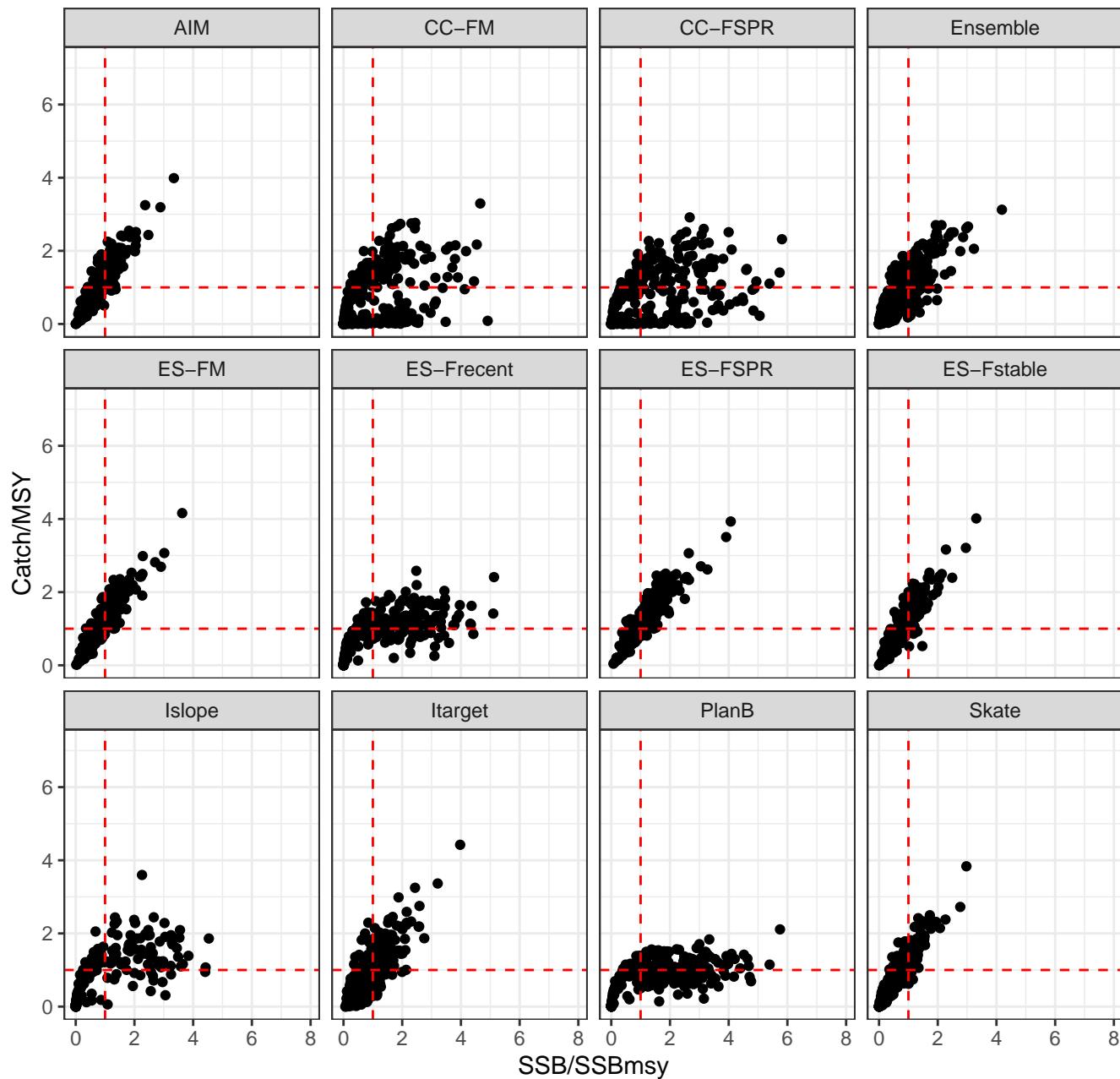
MF1A Short Term (SCAA scenarios)



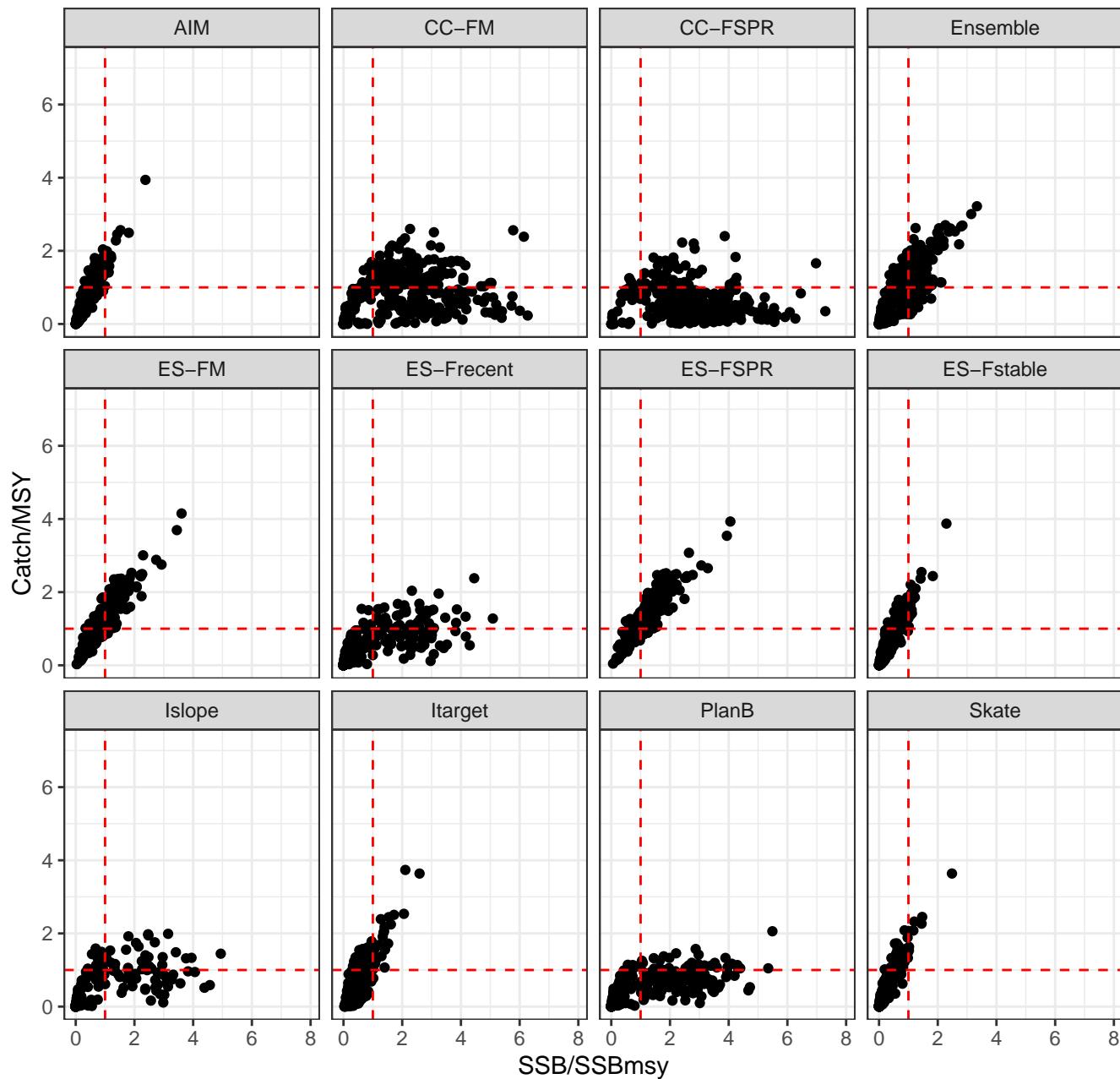
MO1A Short Term (SCAA scenarios)



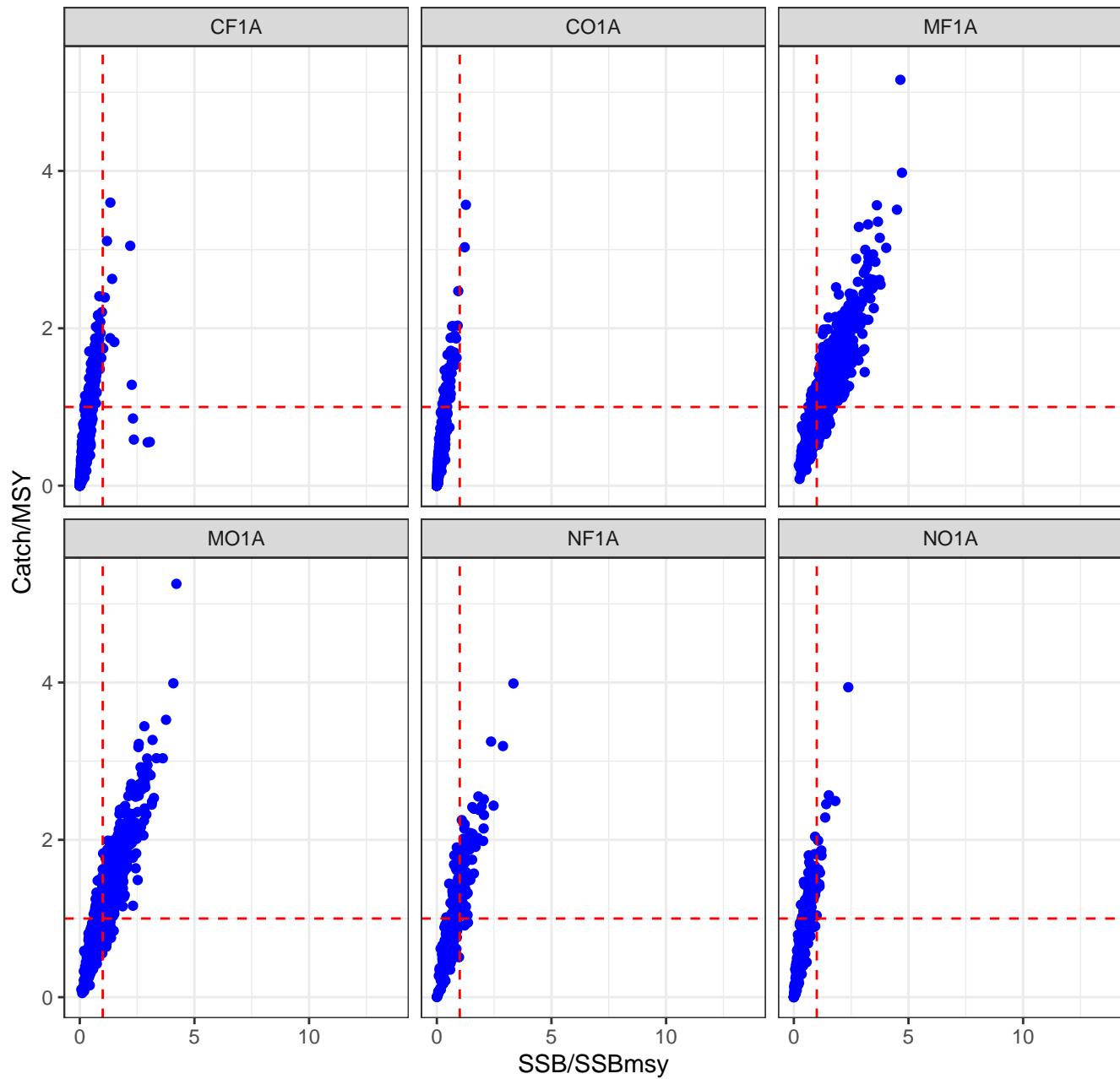
NF1A Short Term (SCAA scenarios)



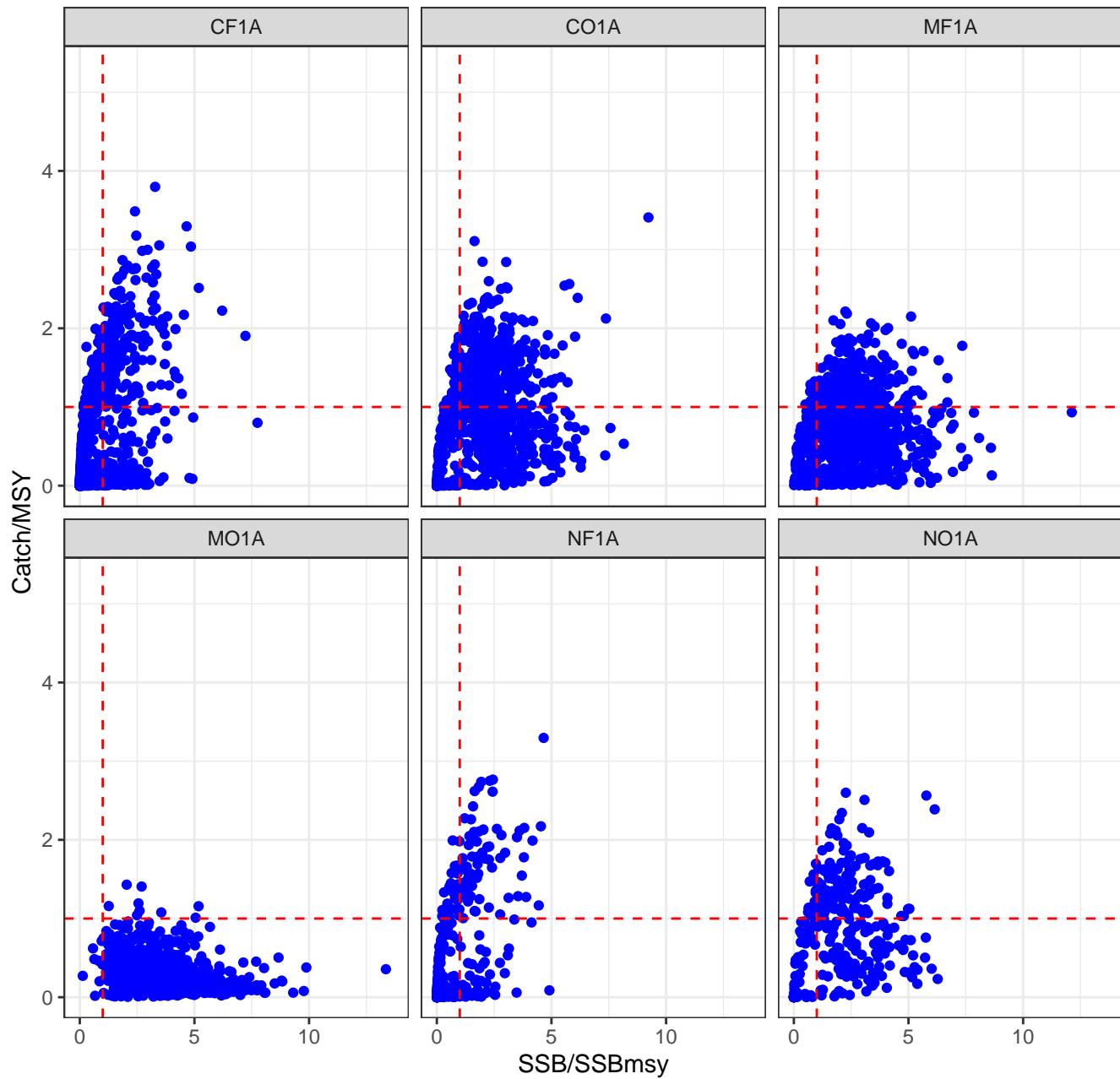
NO1A Short Term (SCAA scenarios)



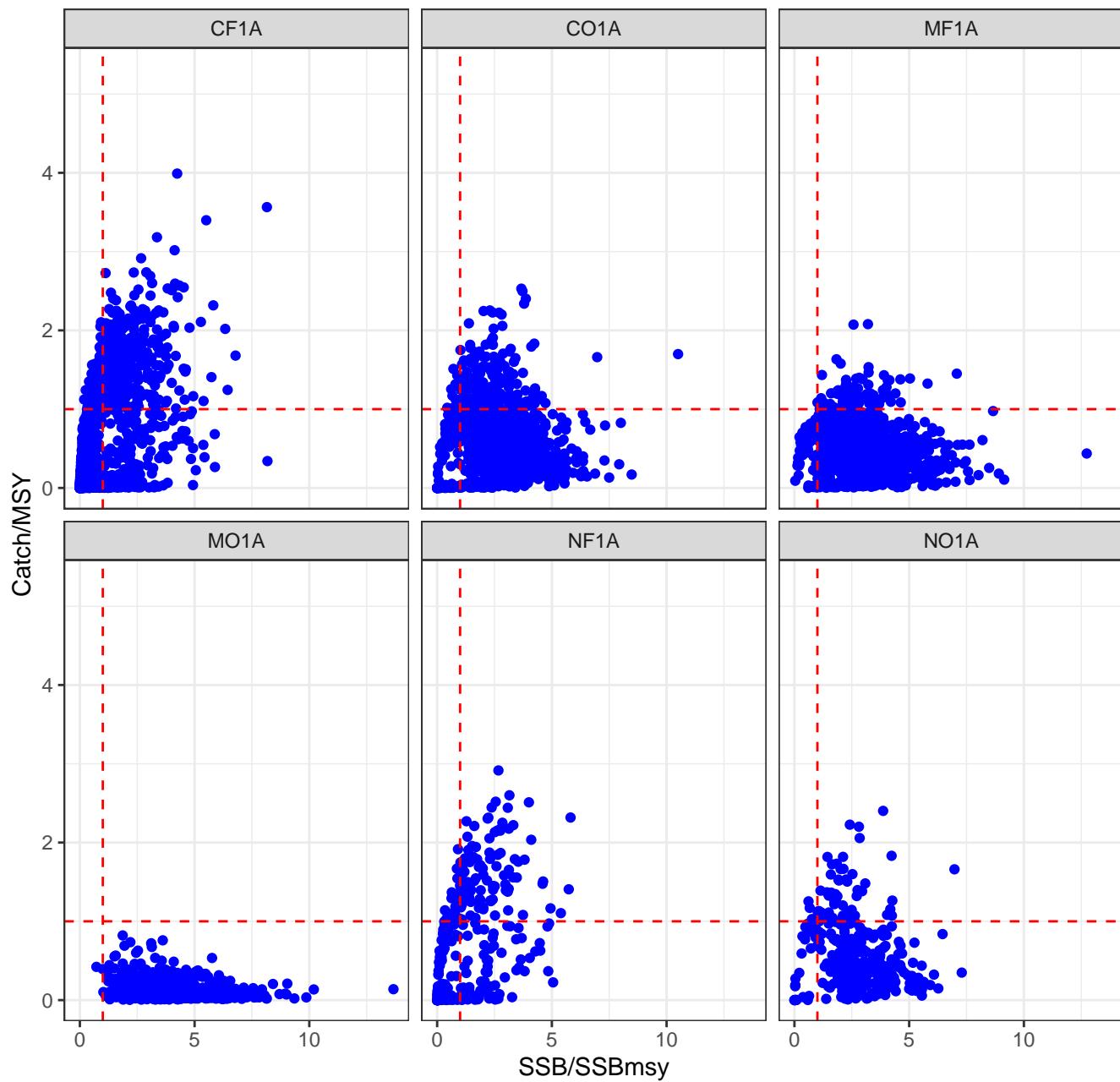
AIM Long Term (SCAA scenarios)



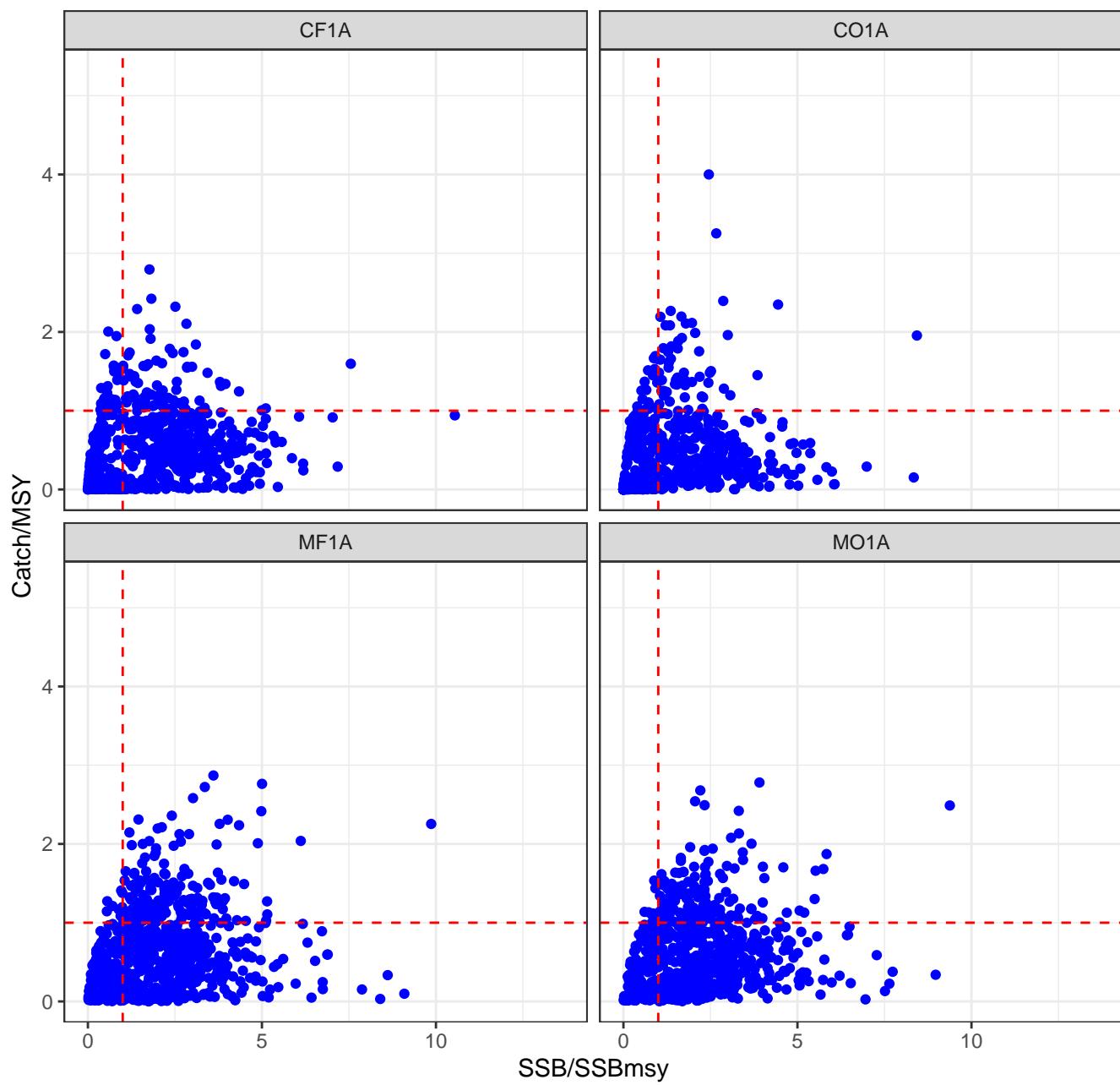
CC-FM Long Term (SCAA scenarios)



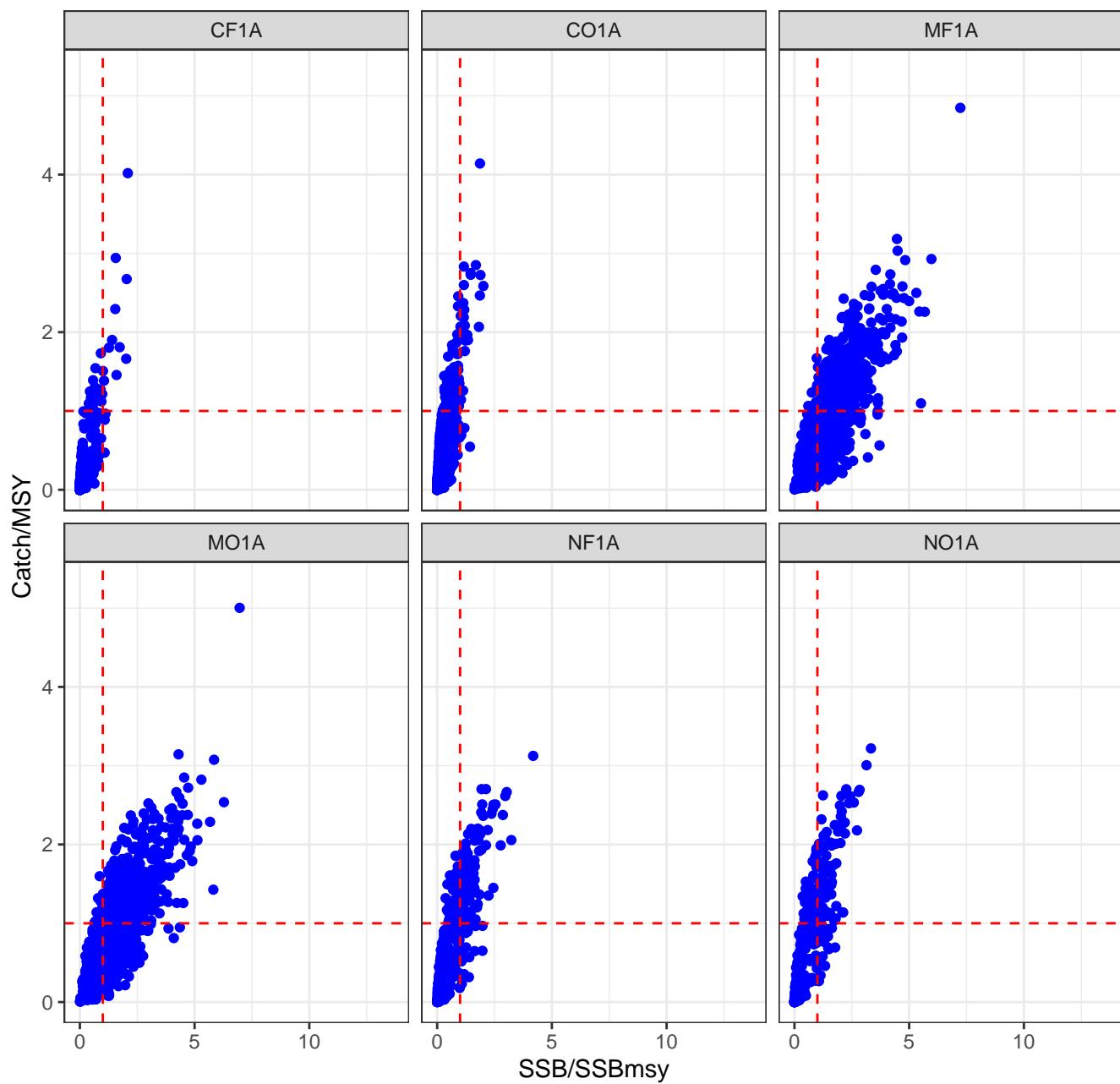
CC–FSPR Long Term (SCAA scenarios)



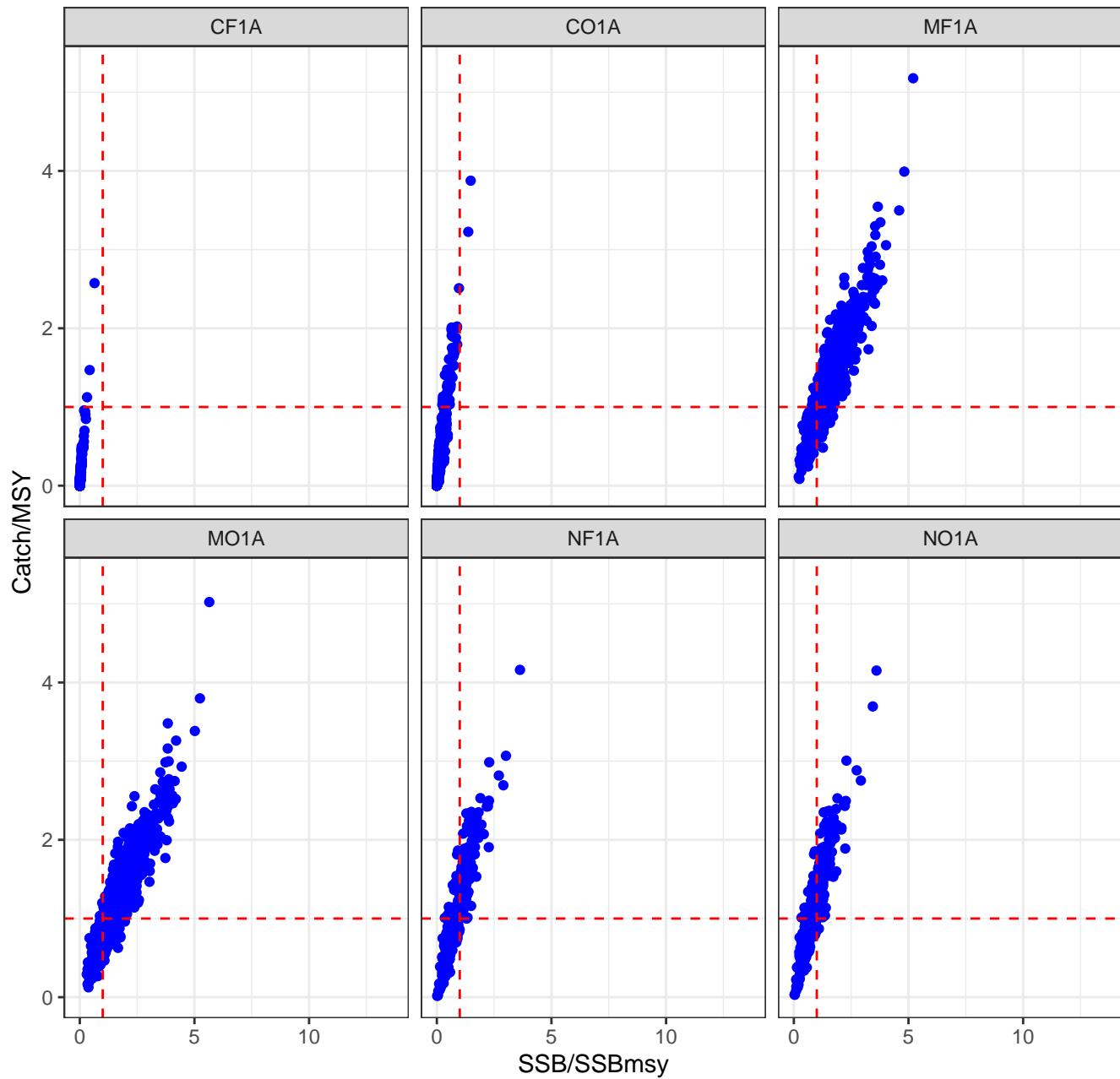
DLM Long Term (SCAA scenarios)



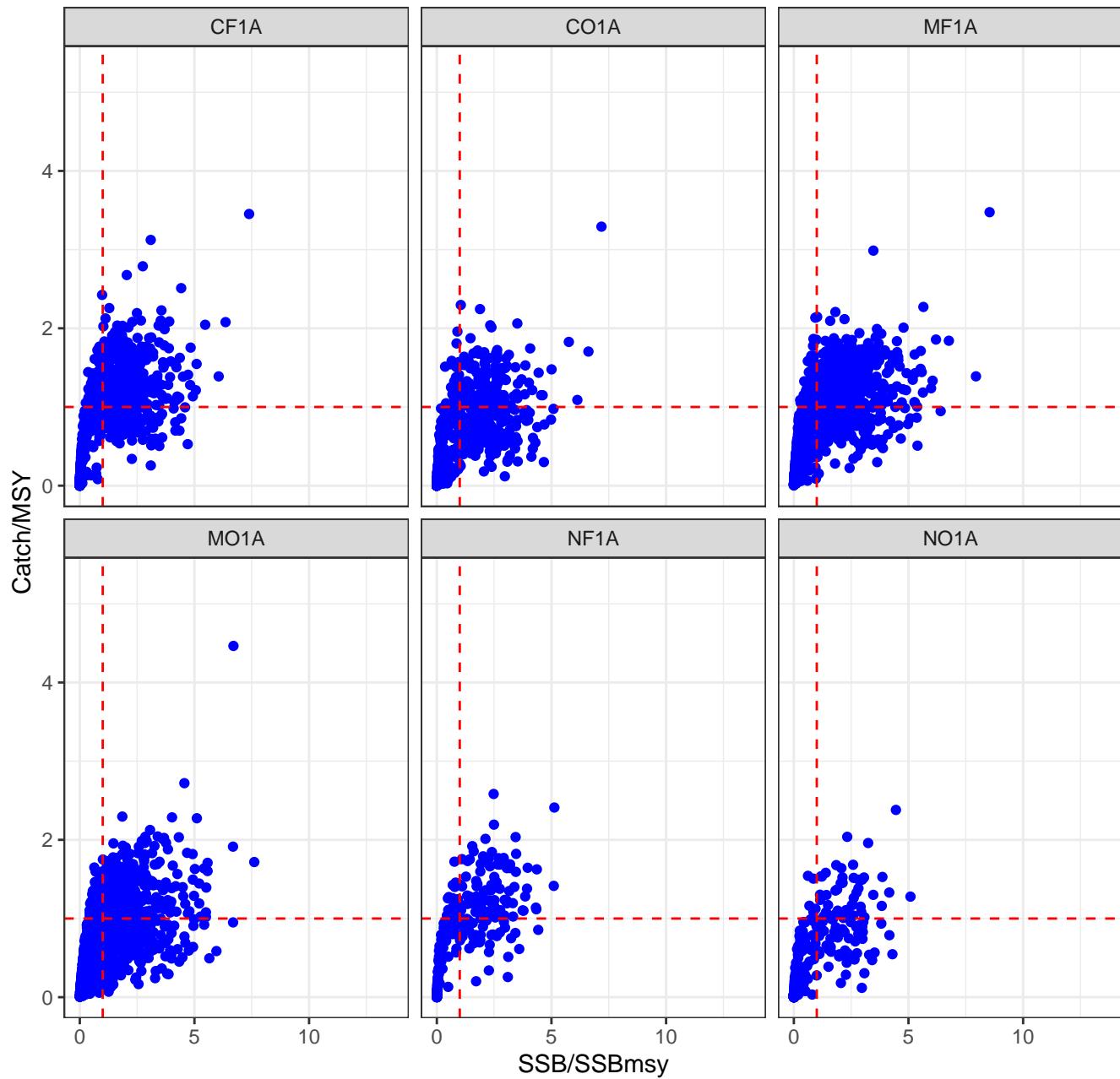
Ensemble Long Term (SCAA scenarios)



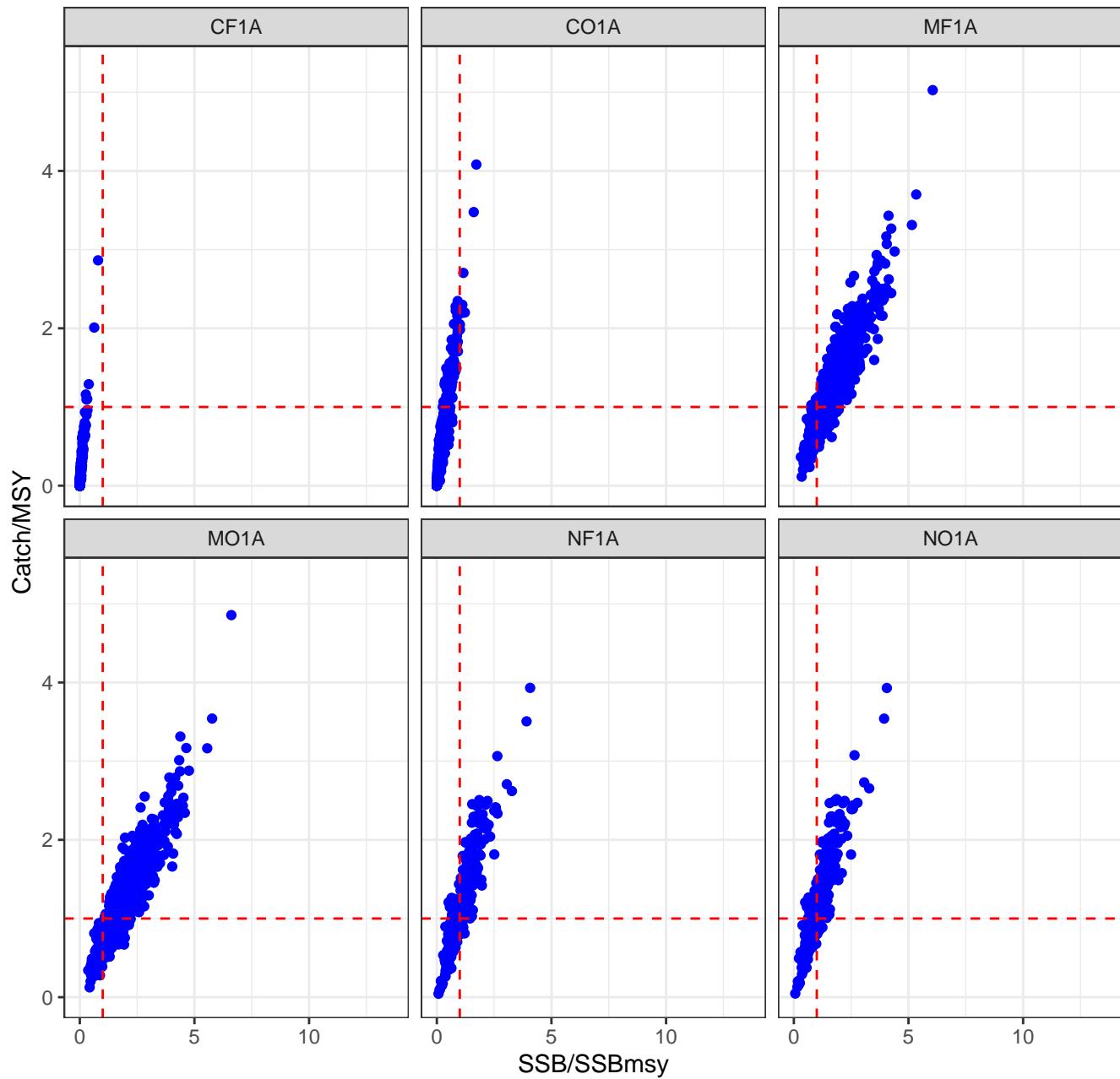
ES-FM Long Term (SCAA scenarios)



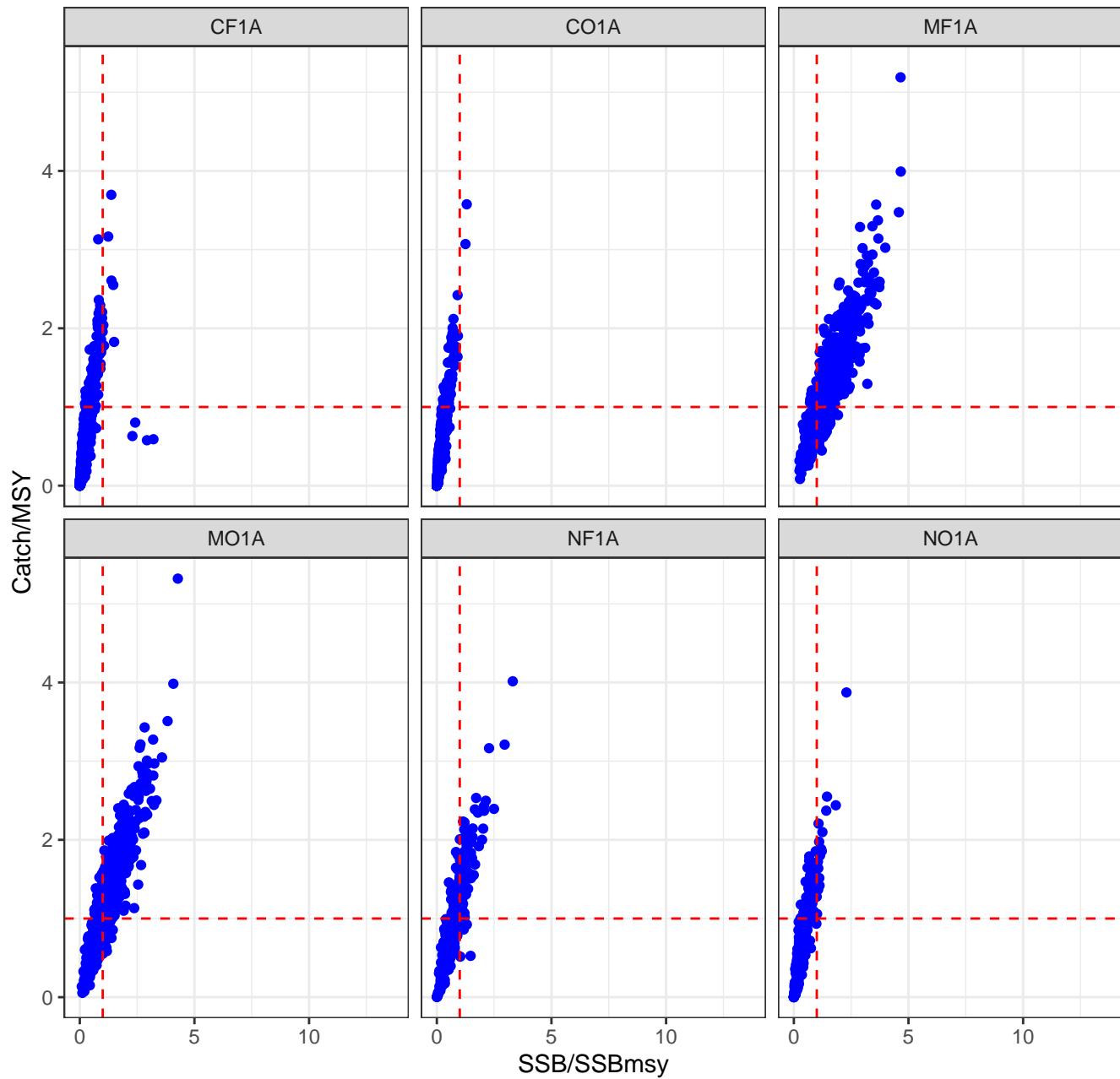
ES-Frecent Long Term (SCAA scenarios)



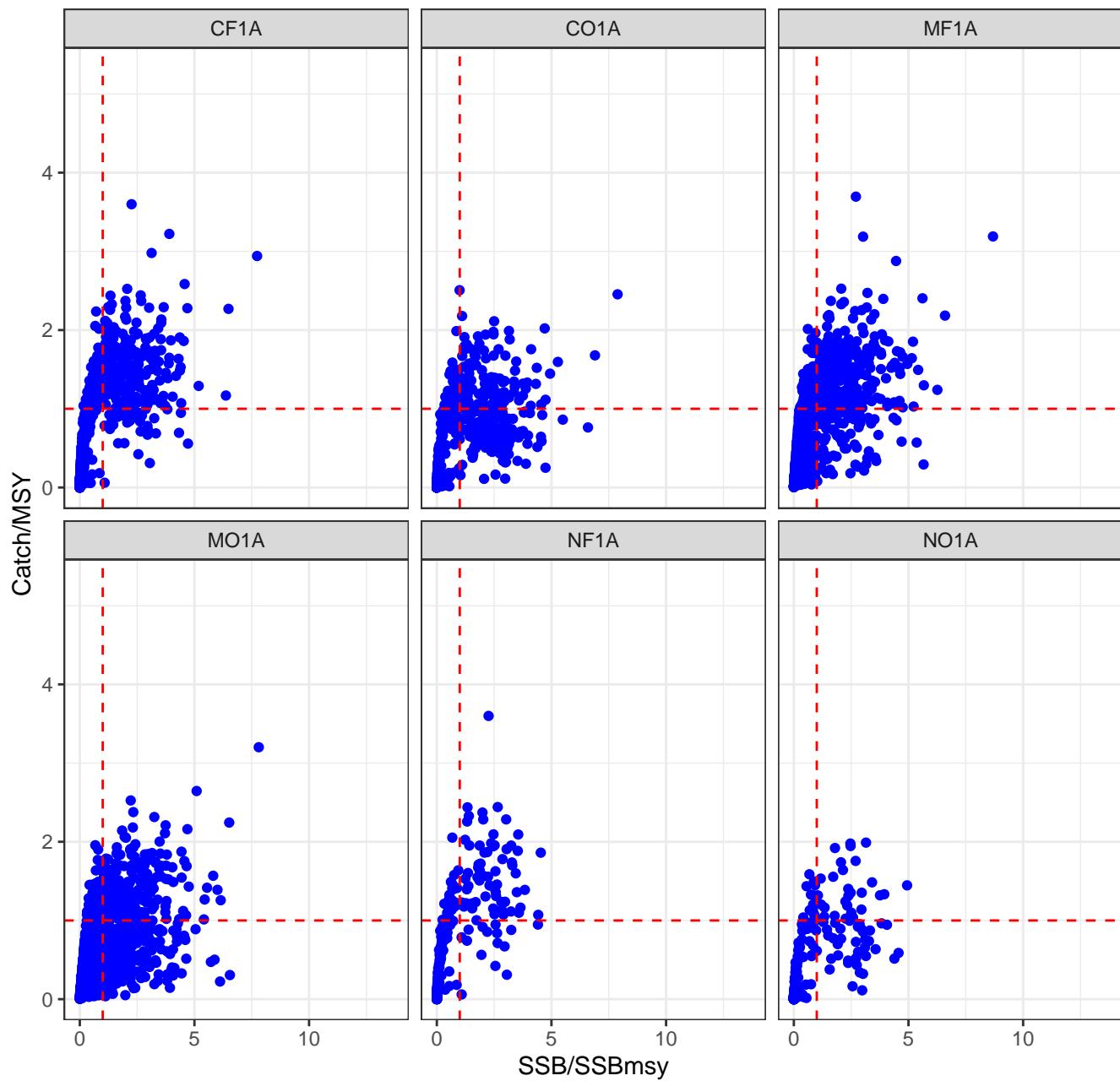
ES-FSPR Long Term (SCAA scenarios)



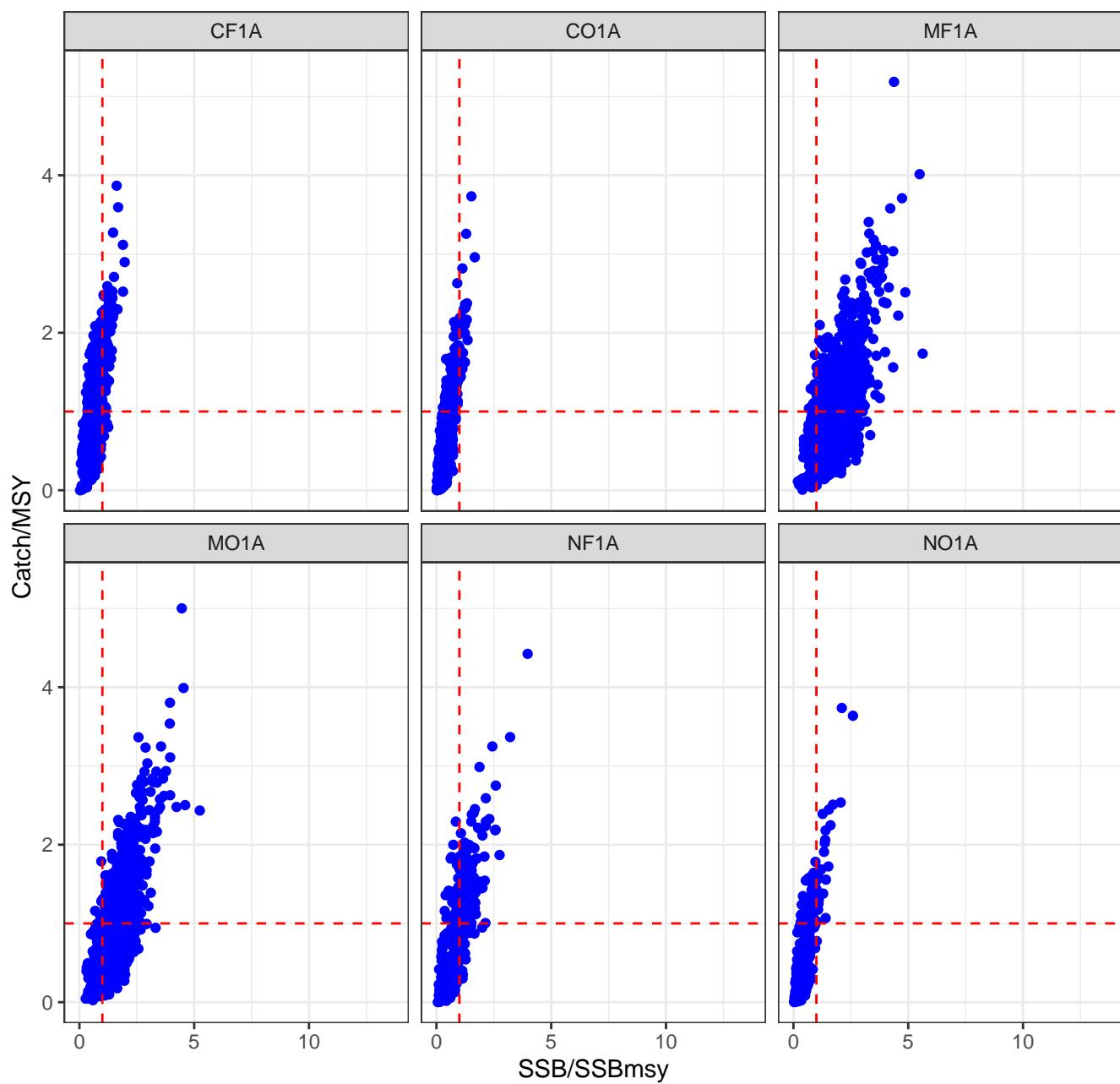
ES-Fstable Long Term (SCAA scenarios)



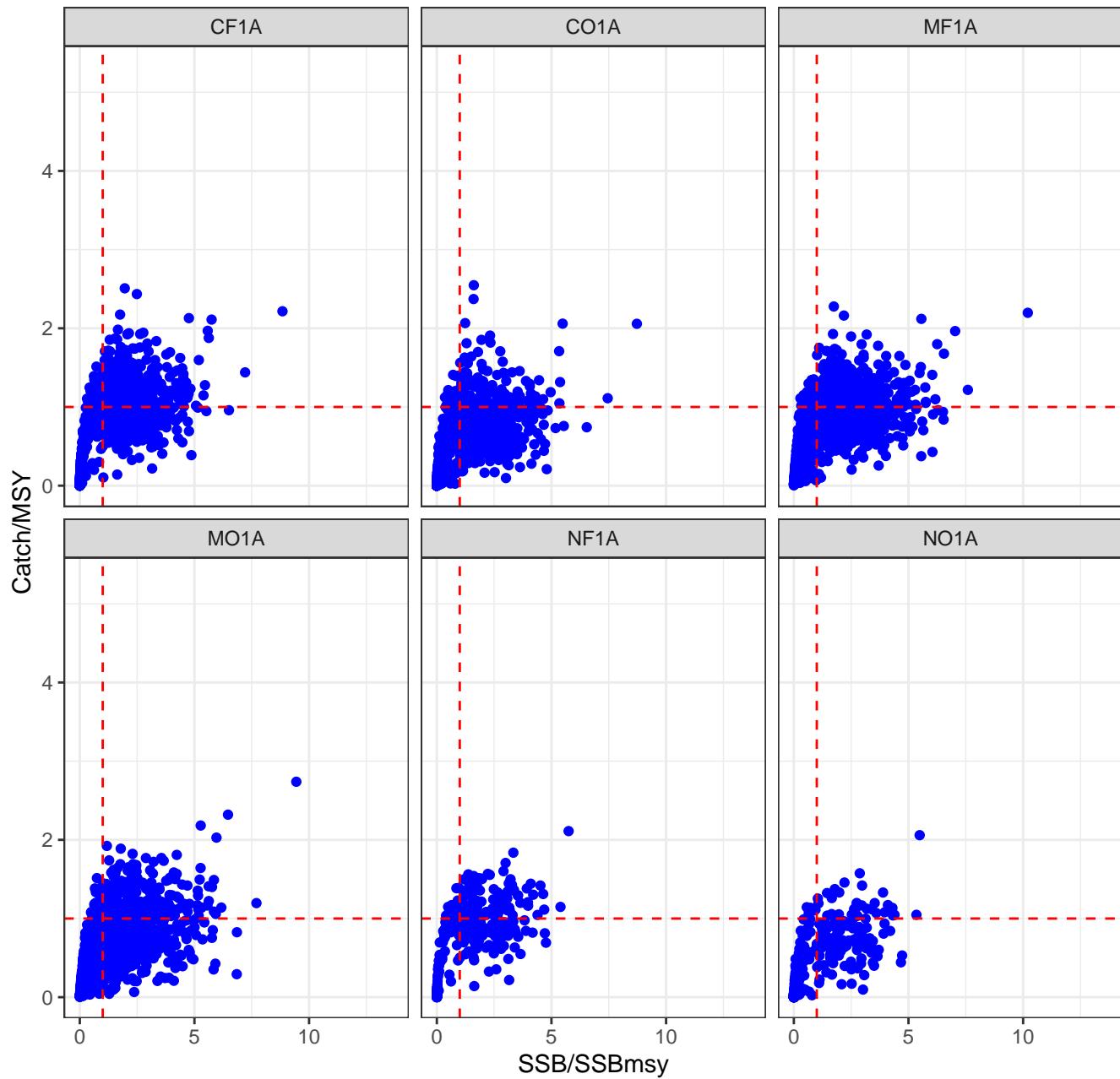
Islope Long Term (SCAA scenarios)



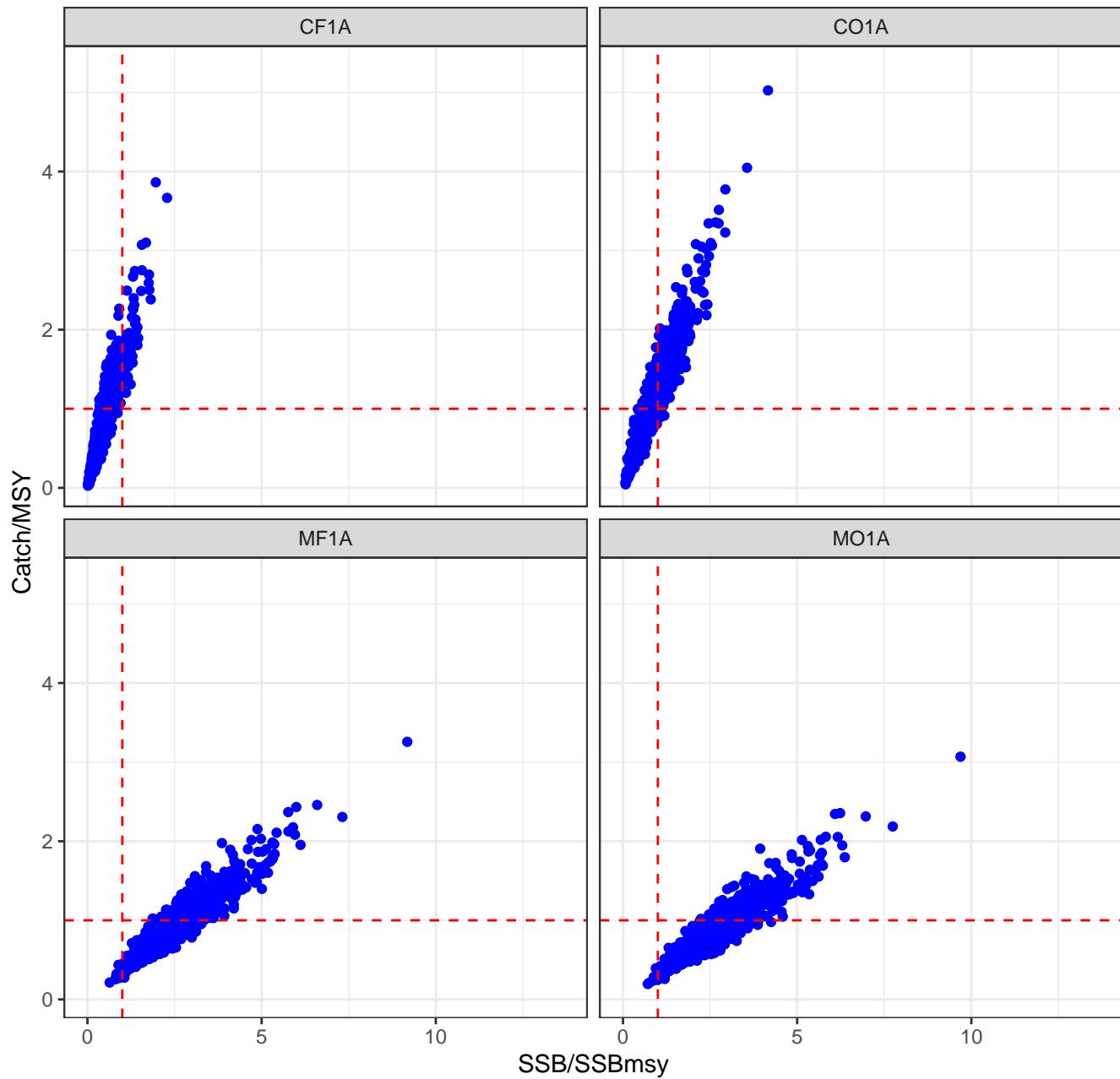
Itarget Long Term (SCAA scenarios)



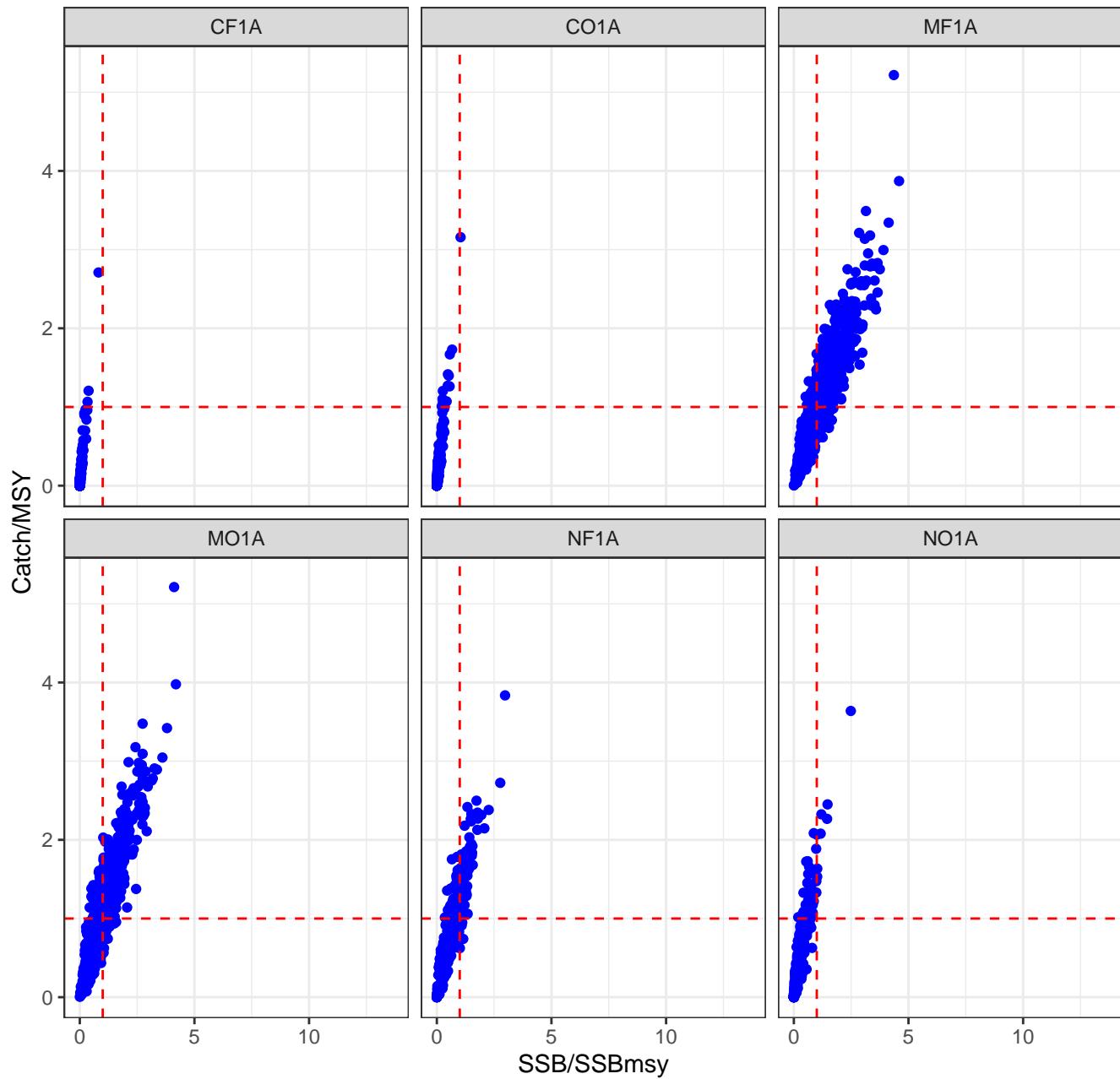
PlanB Long Term (SCAA scenarios)



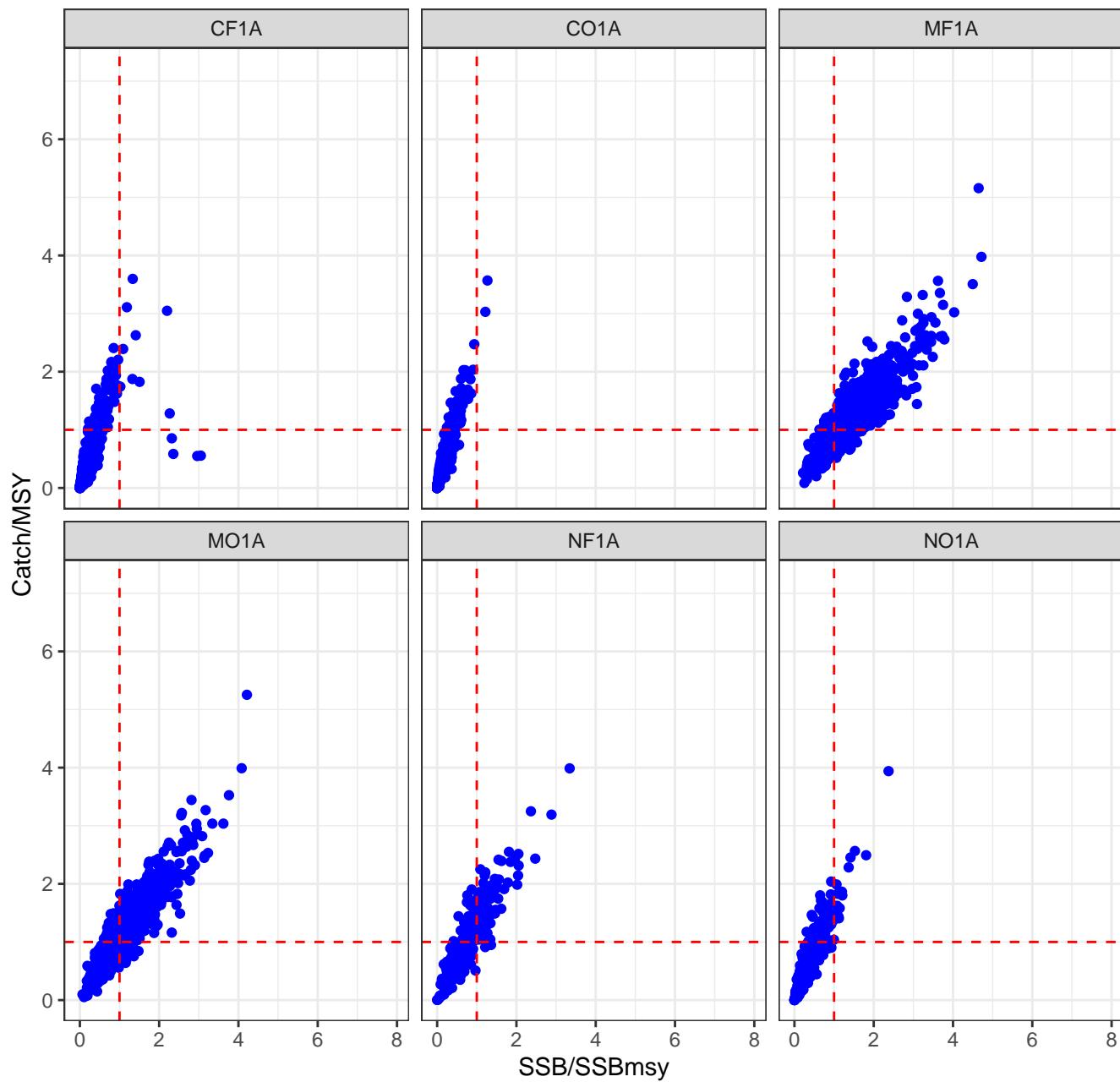
SCAA Long Term (SCAA scenarios)



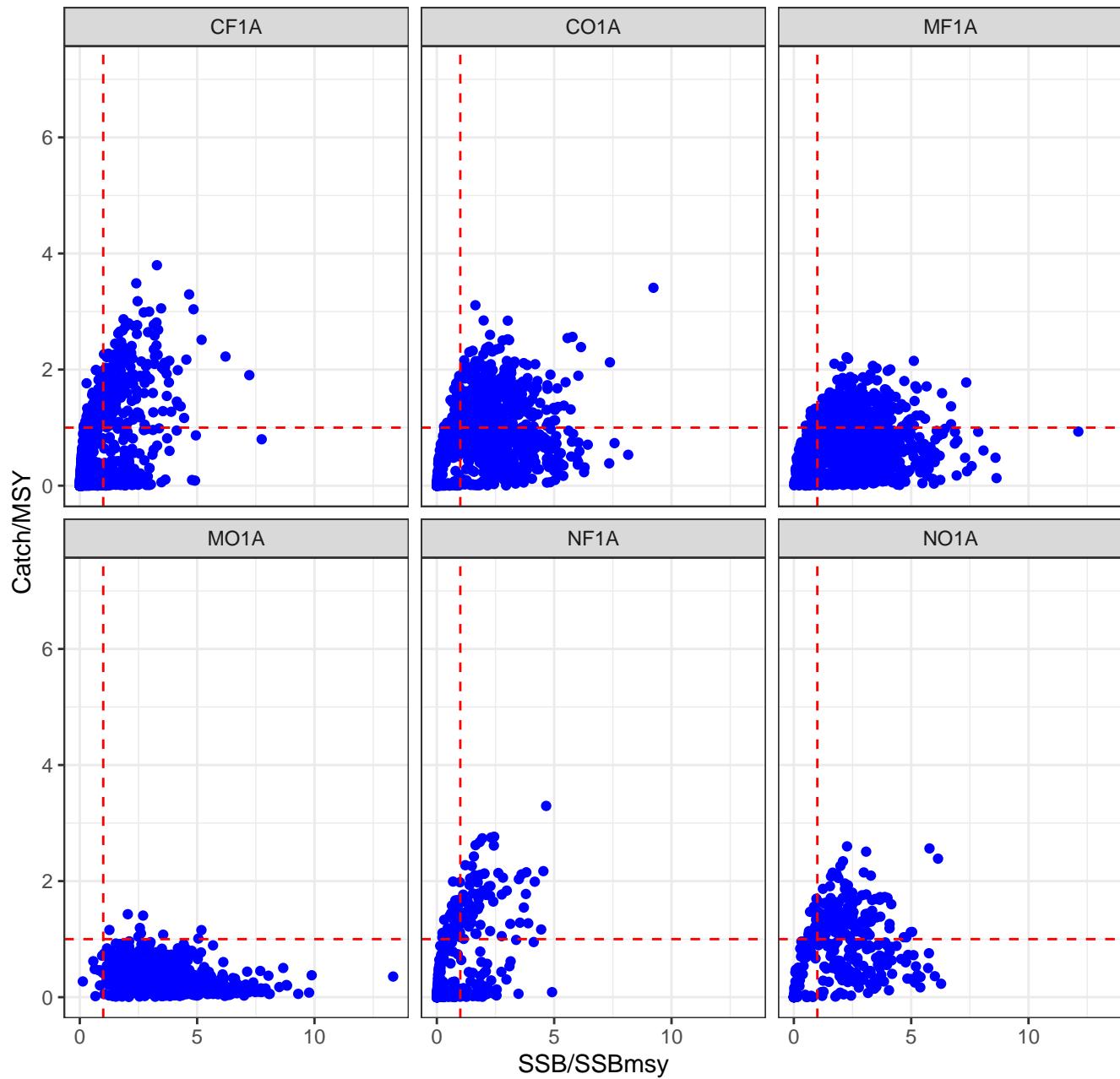
Skate Long Term (SCAA scenarios)



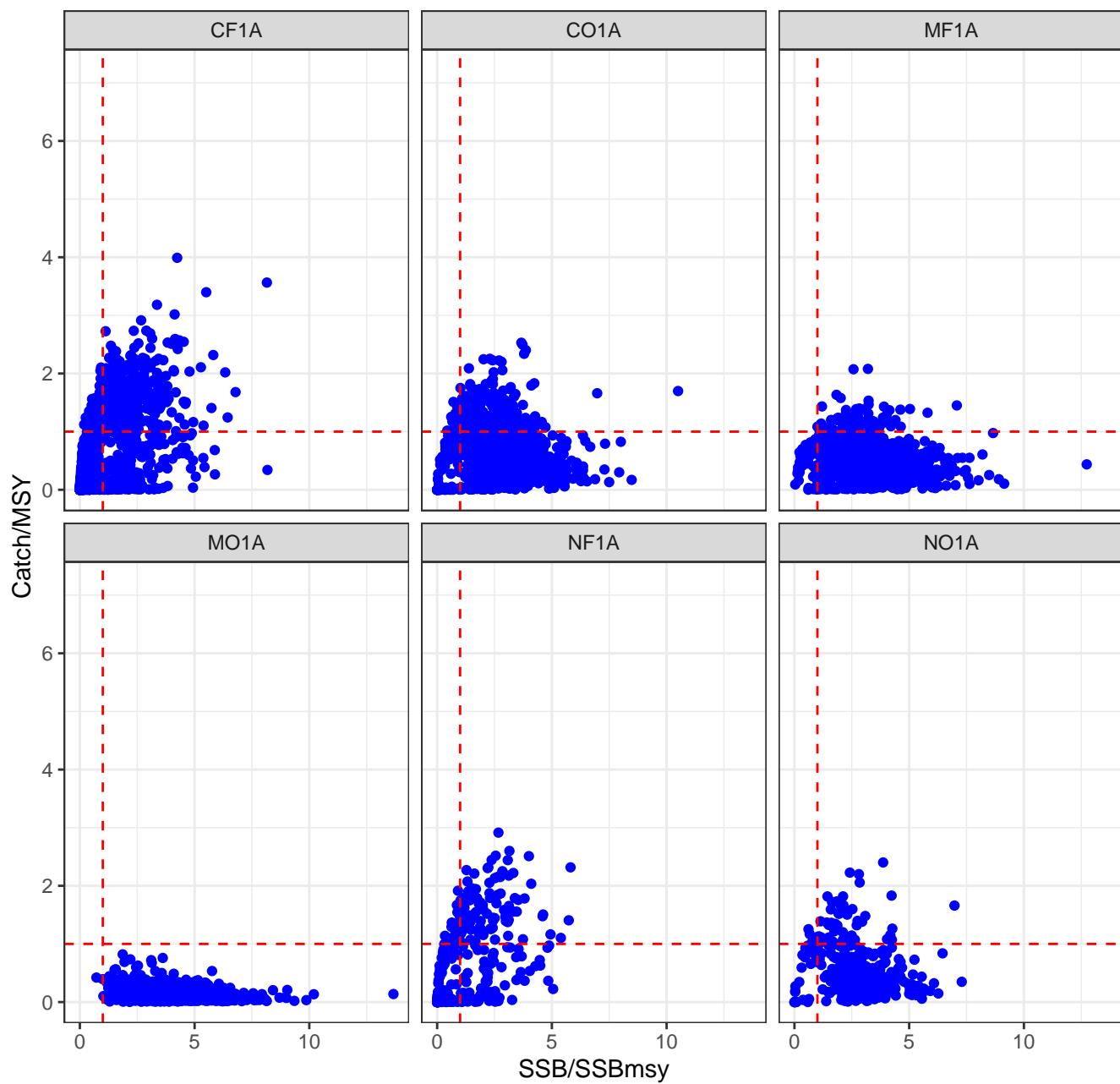
AIM Short Term (SCAA scenarios)



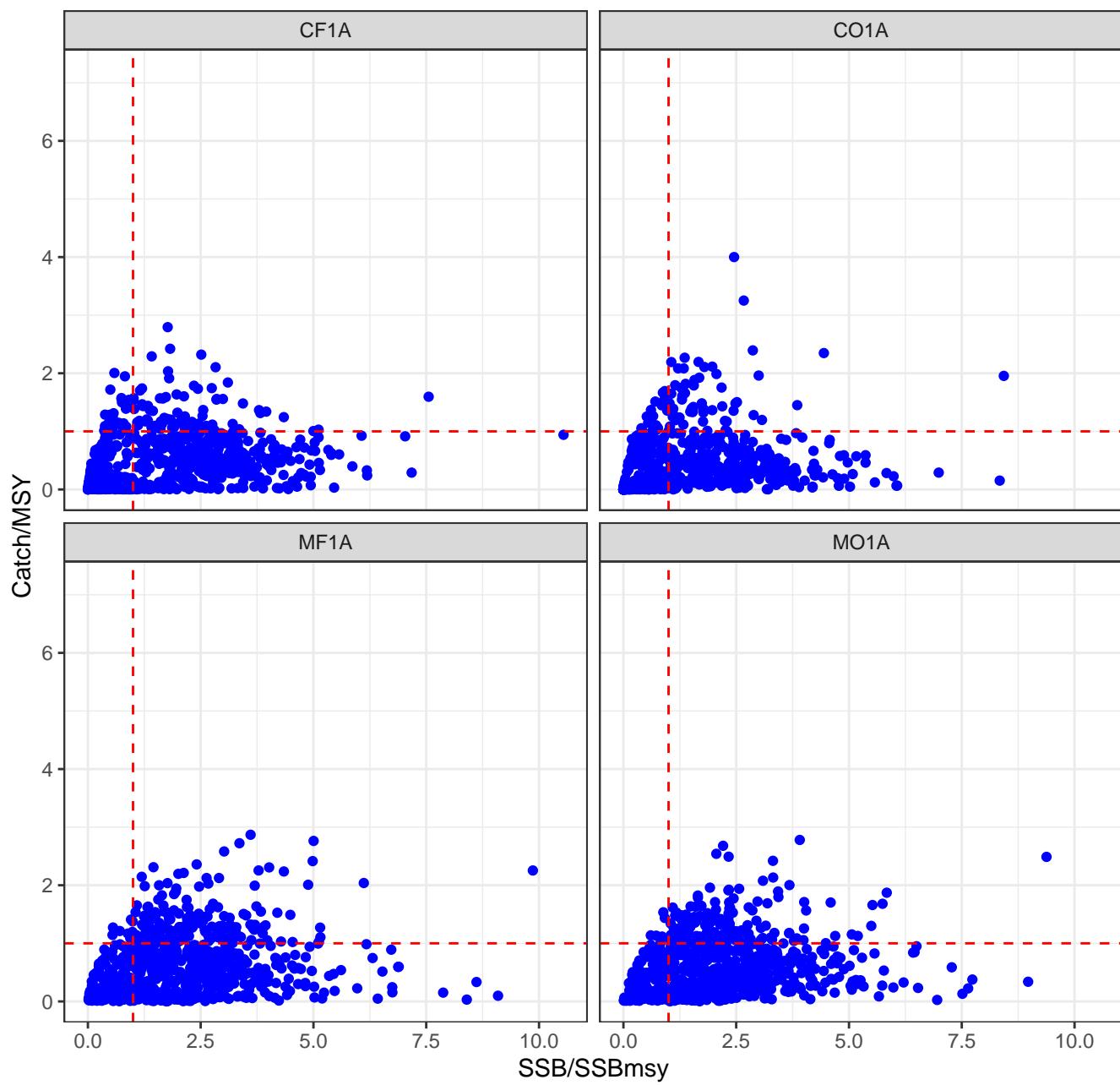
CC-FM Short Term (SCAA scenarios)



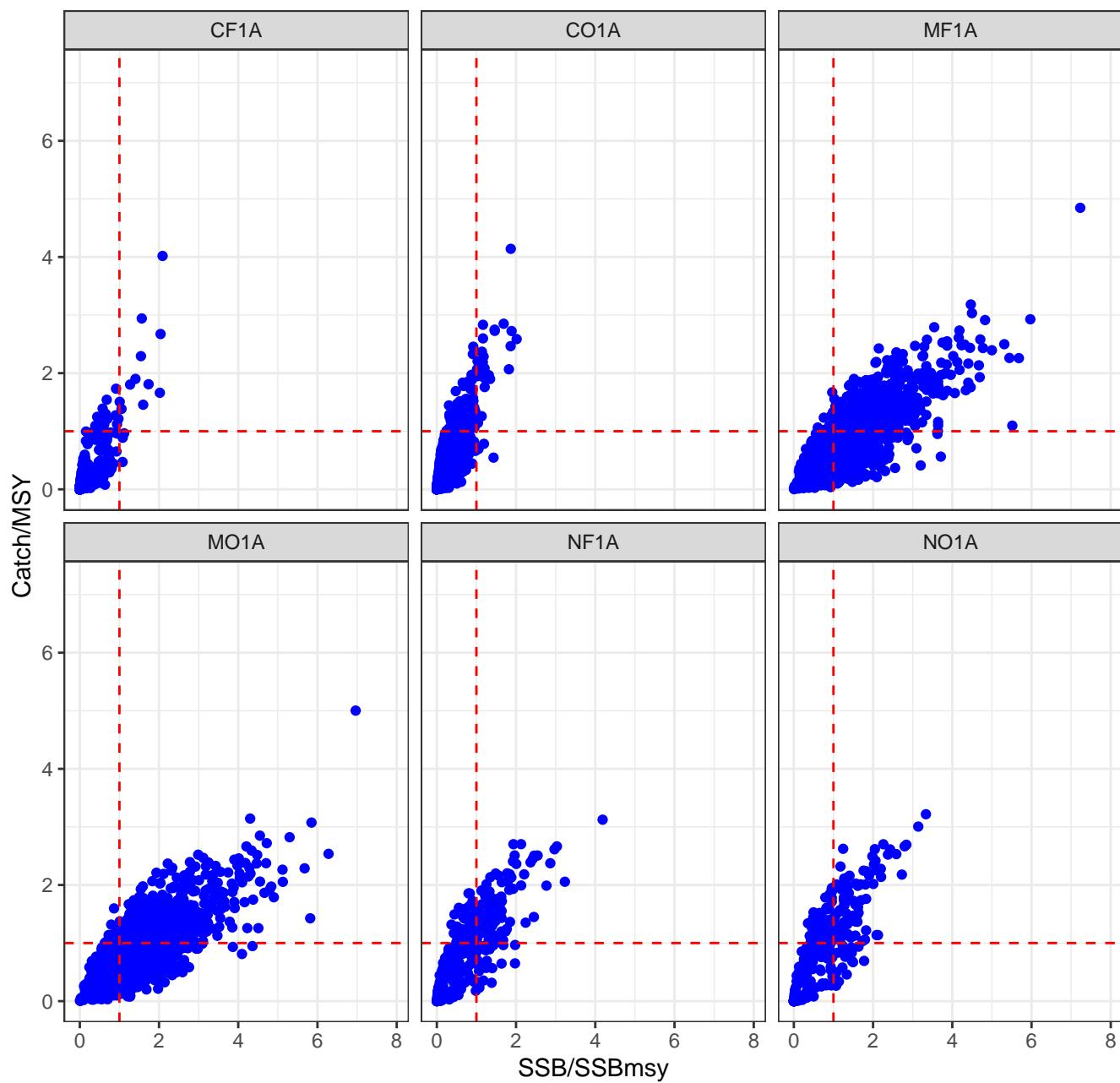
CC-FSPR Short Term (SCAA scenarios)



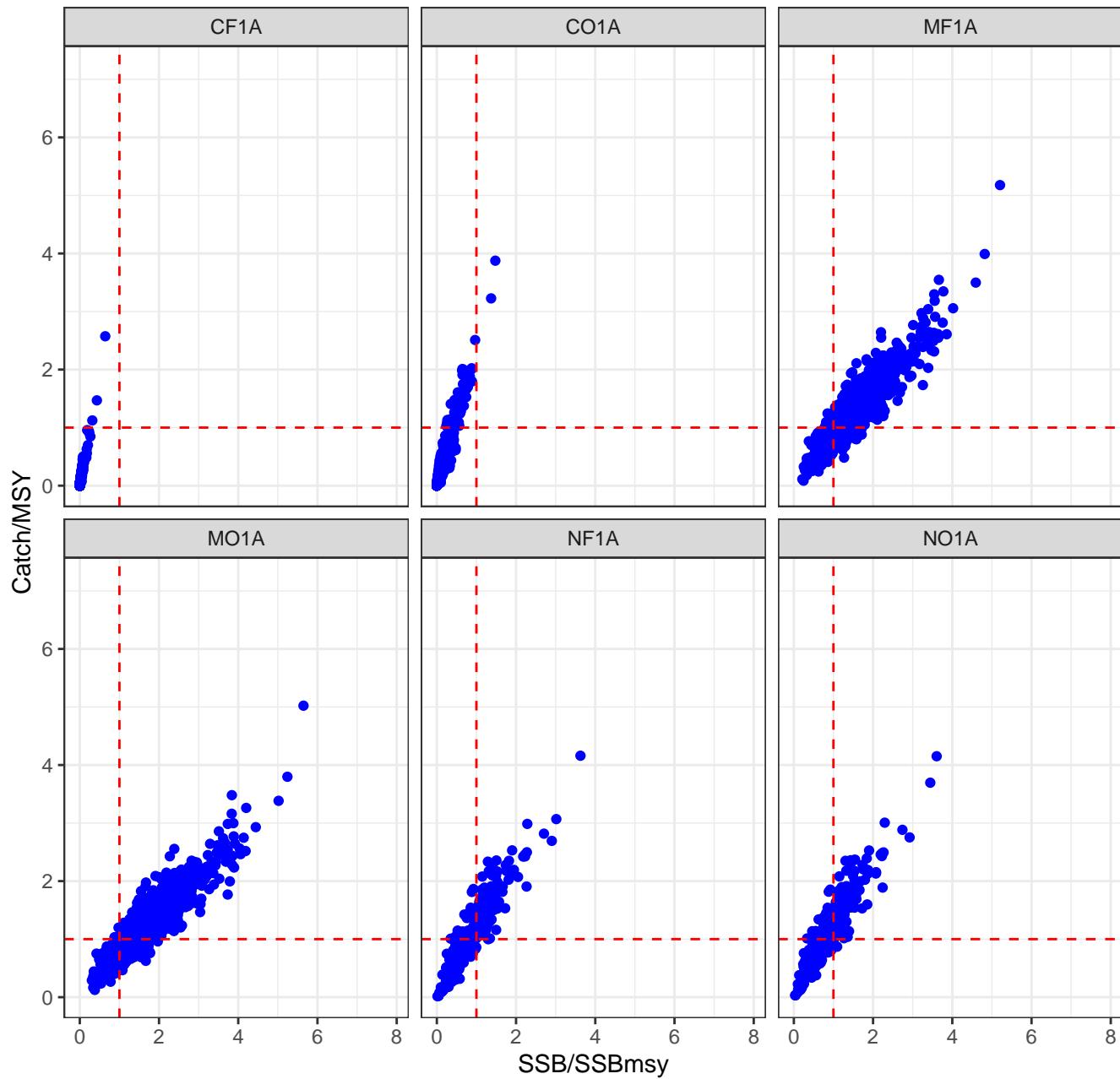
DLM Short Term (SCAA scenarios)



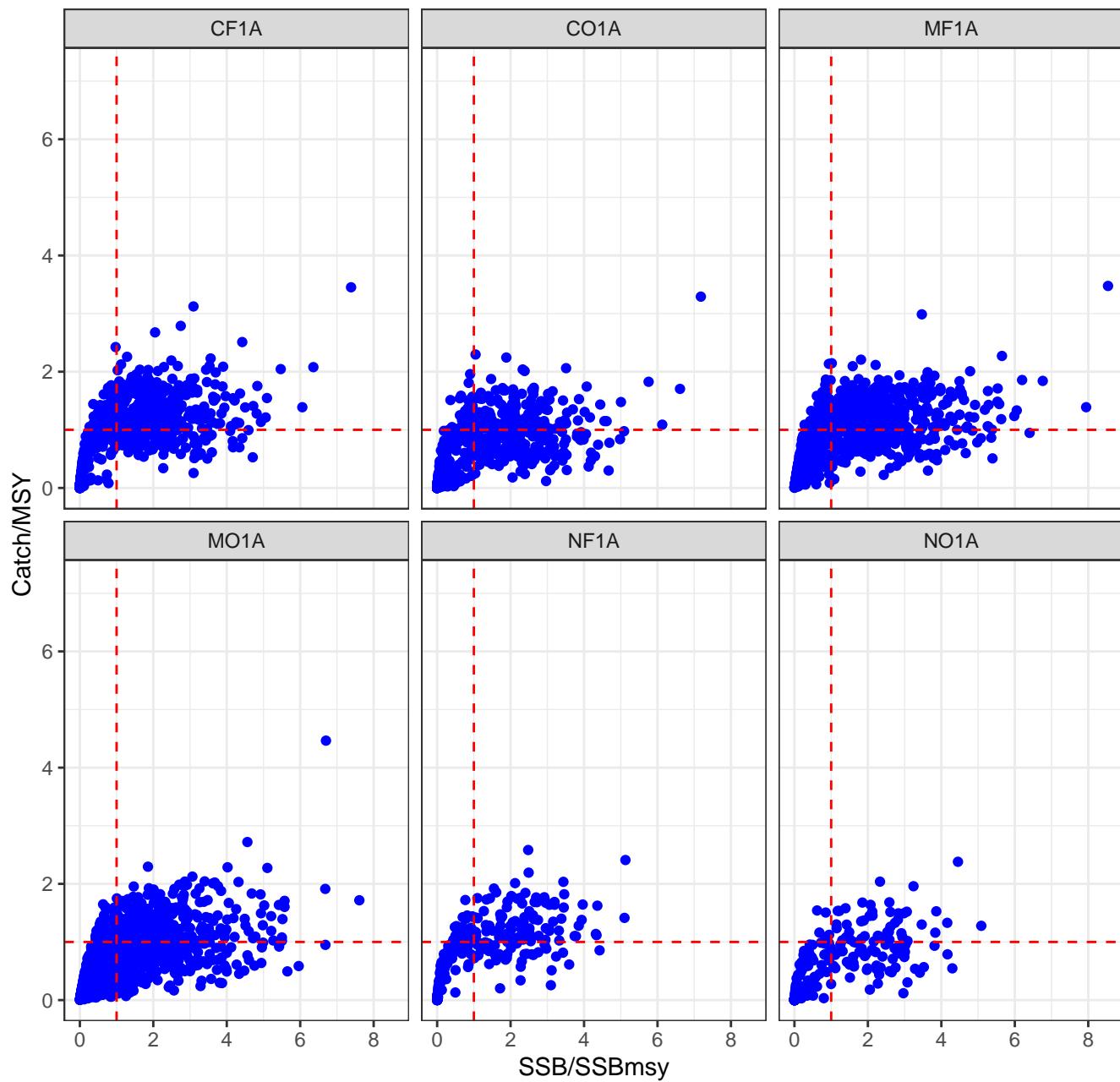
Ensemble Short Term (SCAA scenarios)



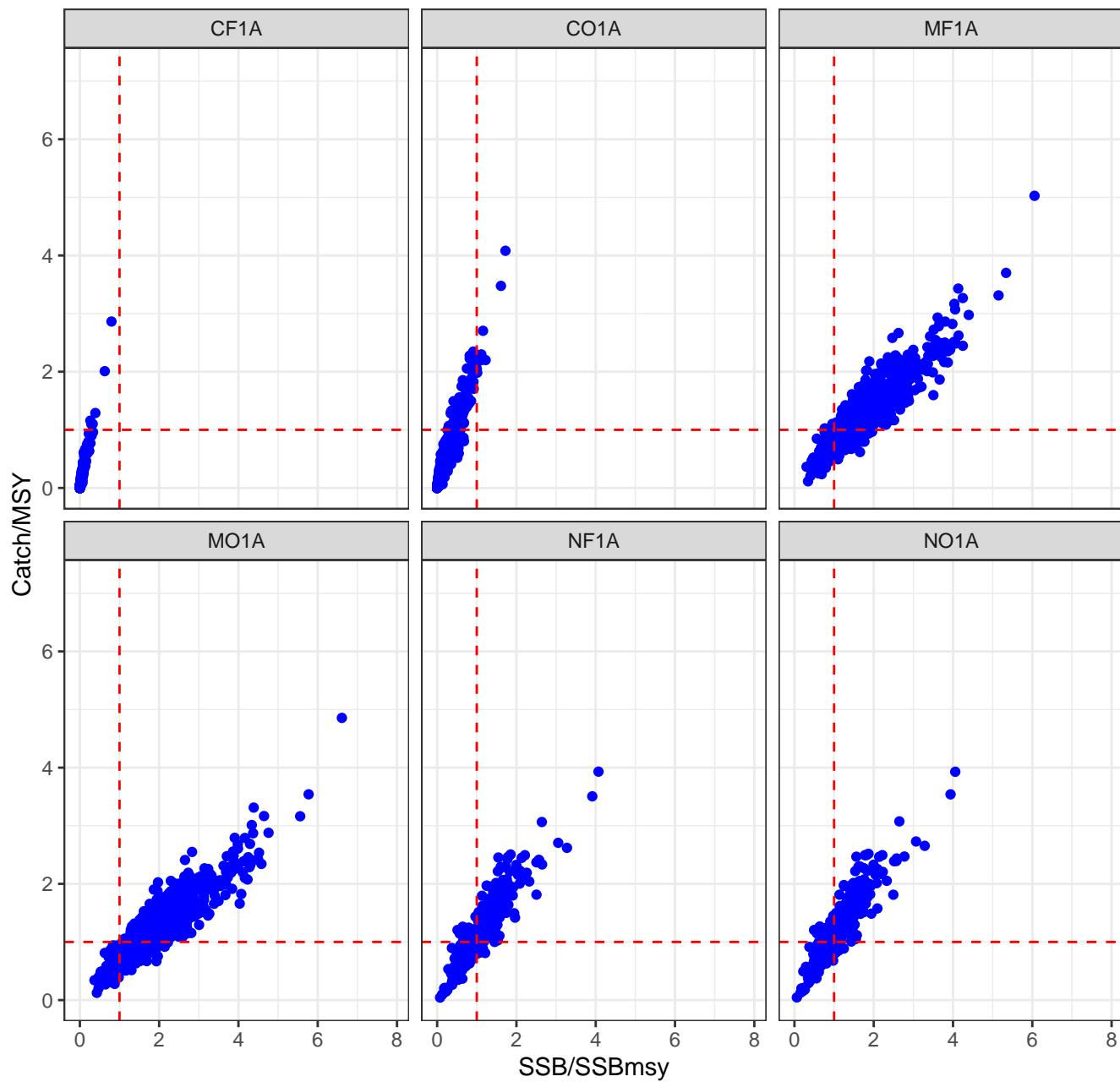
ES-FM Short Term (SCAA scenarios)



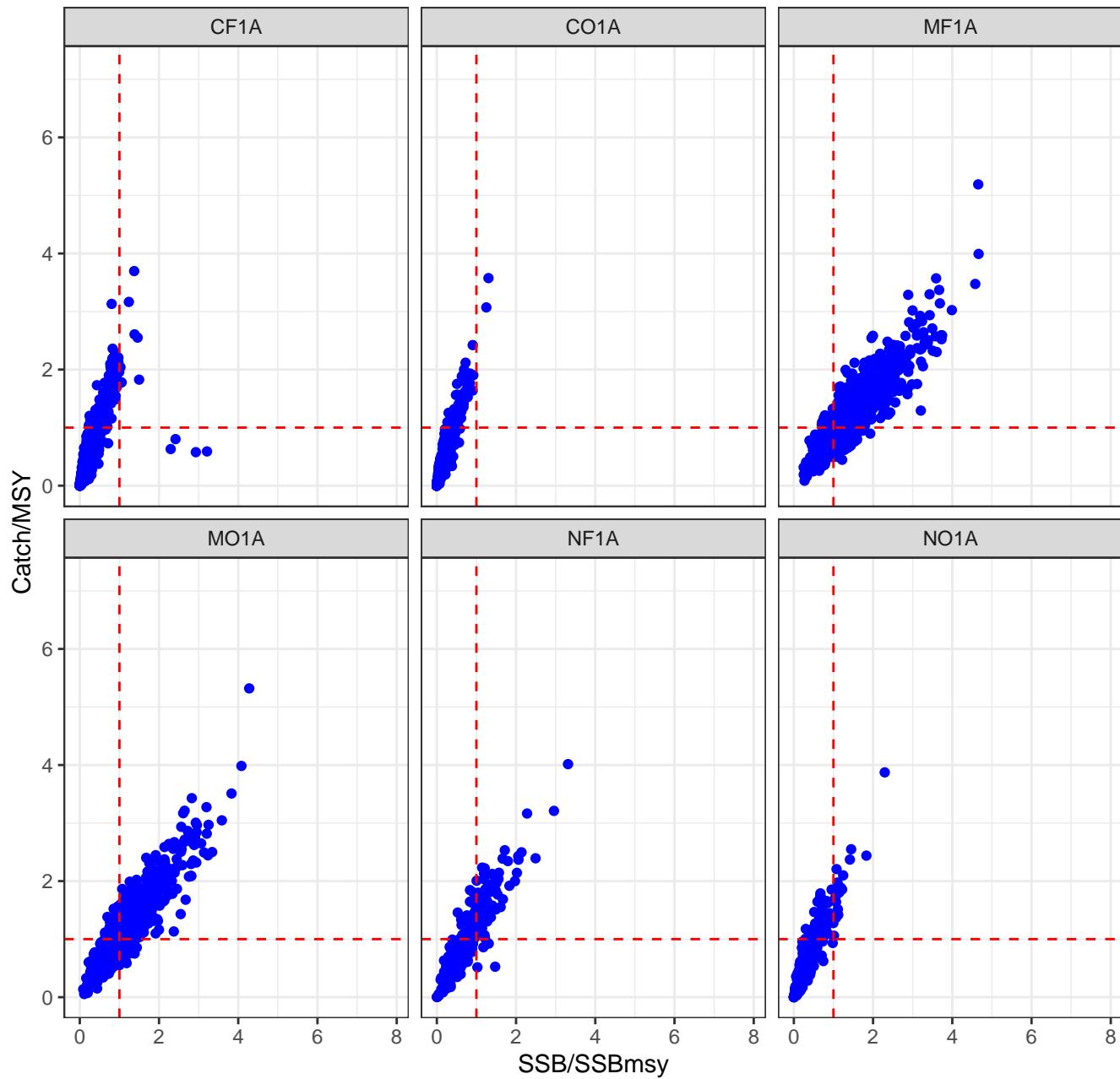
ES-Frecent Short Term (SCAA scenarios)



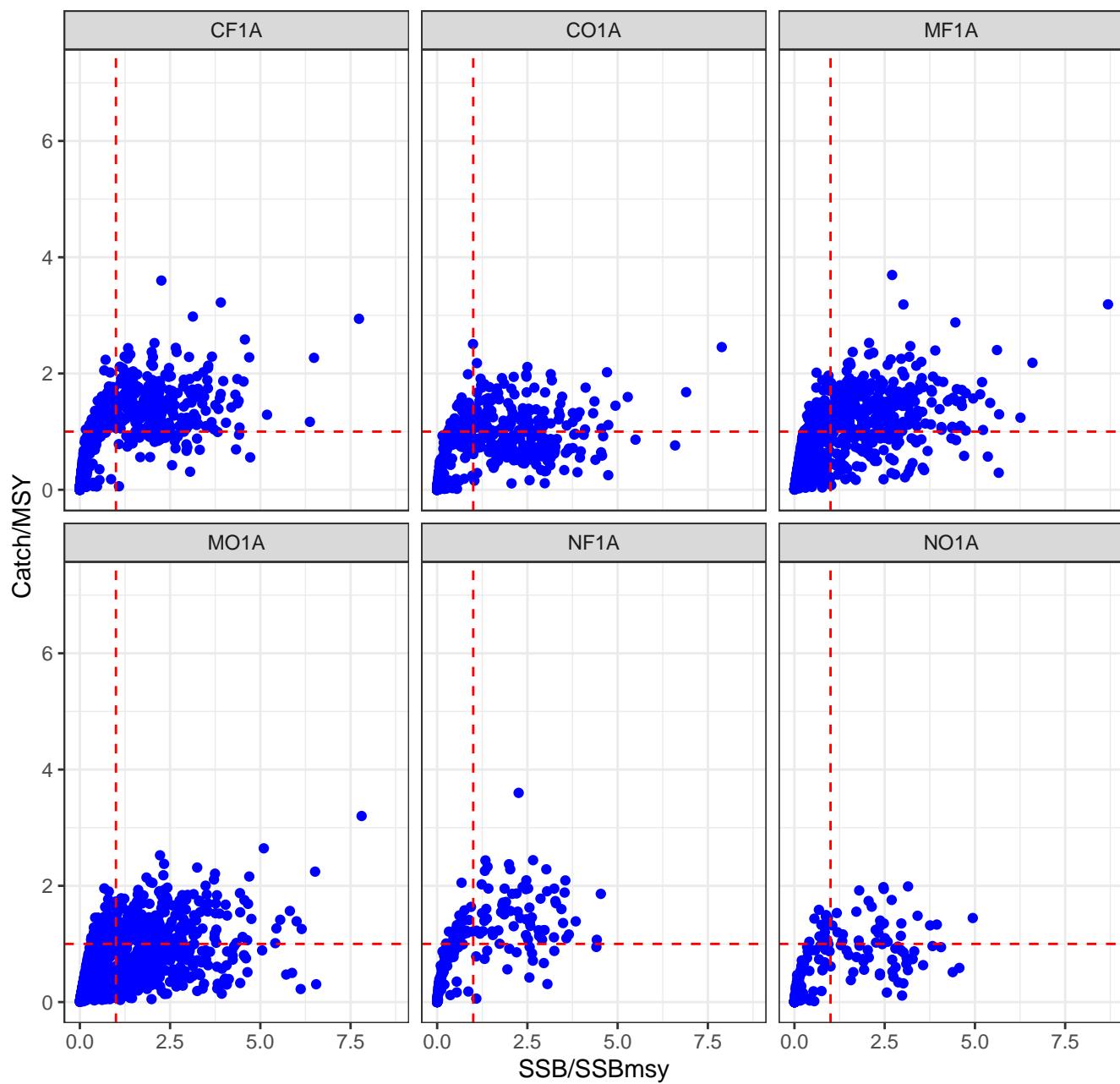
ES-FSPR Short Term (SCAA scenarios)



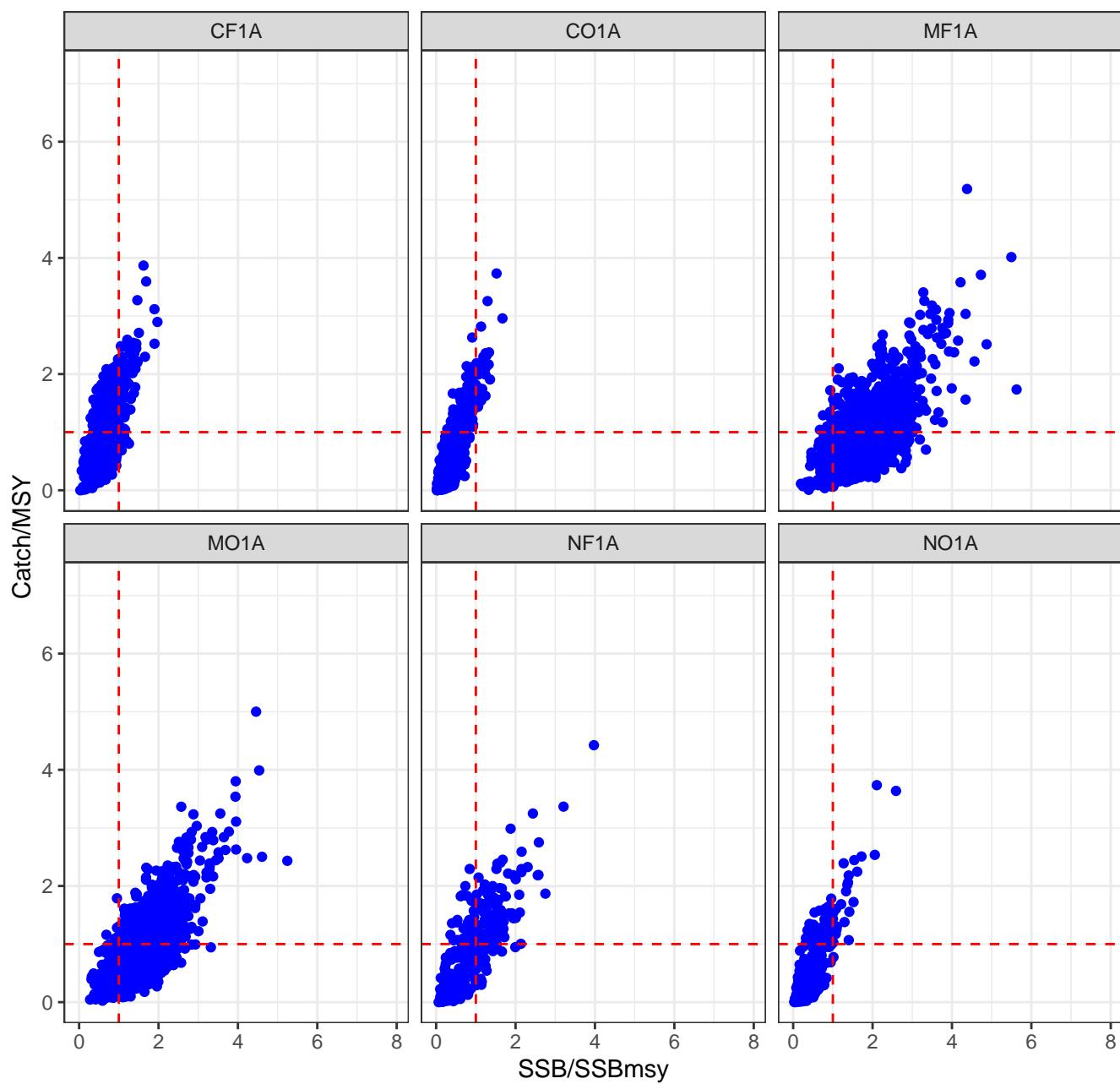
ES-Fstable Short Term (SCAA scenarios)



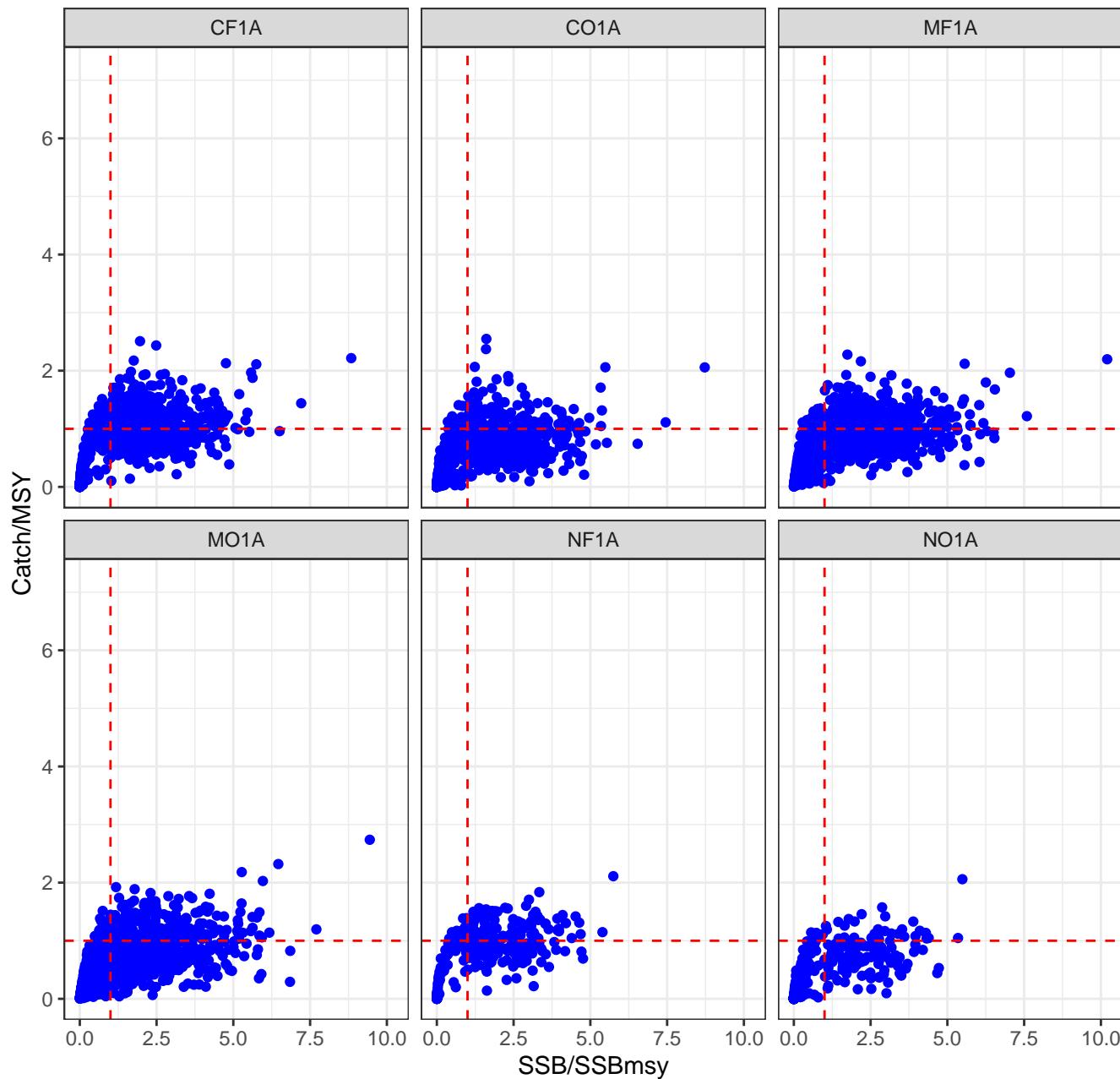
Islope Short Term (SCAA scenarios)



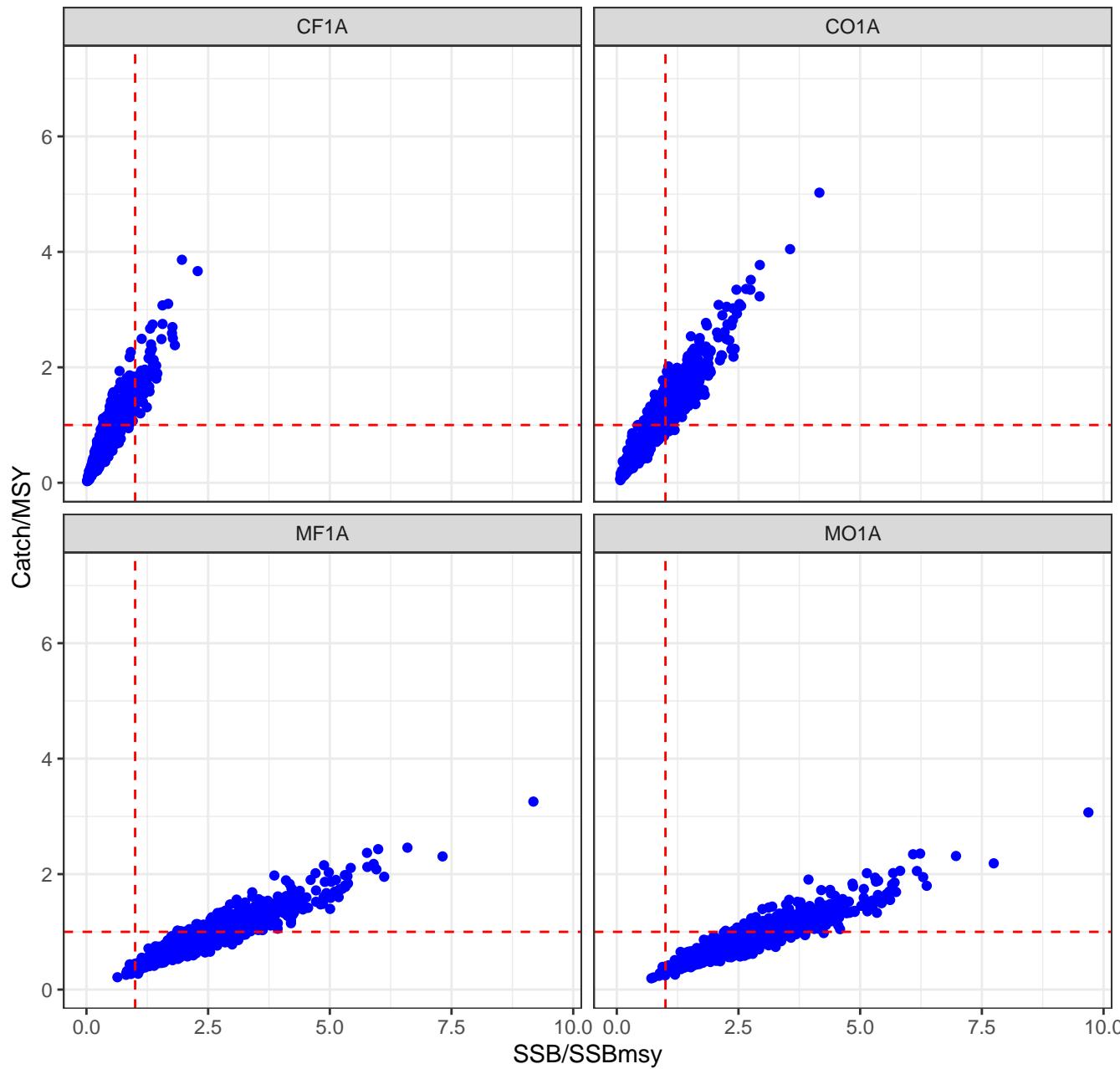
Itarget Short Term (SCAA scenarios)



PlanB Short Term (SCAA scenarios)



SCAA Short Term (SCAA scenarios)



Skate Short Term (SCAA scenarios)

