

# test kable for ibmwg

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## Demo results

Here is a heatmap of all results so far, followed by a kable.

The metrics plotted are probabilities that SSB is greather than or equal to SSBmsy, F is less than or equal to Fmsy, and the mean Catch/MSY. See figure @ref(fig:heatmap-all). I guess I need a newer version of Pandoc for the inline figure referencing to work.

Table 1: IBMWG kable, rows match the ordering from bottom of heatmap to the top. Label is a concatenation of IBMlabel, retro\_type, catch.mult, Fhist, and n\_selblocks. Only every other label is displayed on the heatmap. The name of ExpandSurvey\_modified should be shortened to something like ExpSurv-I don't see anything named ExpandSurvey, so the 'modified' begs what the unmodified method is.

	SSB	Catch	F
JoeDLM43-Catch1-F2-sel1	1.0000000	4.0005094	1.0000000
JoeDLM43-Catch1-F1-sel1	1.0000000	0.0503976	1.0000000
JoeDLM43-M1-F2-sel1	1.0000000	0.1318959	1.0000000
M_CC43-M0.75-F2-sel1	1.0000000	0.2564012	1.0000000
JoeDLM43-M1-F1-sel1	1.0000000	0.3343199	1.0000000
true_Skate_CR43-Catch1-F1-sel1	0.0000000	0.0694023	0.0408163
true_Skate_CR43-Catch0.75-F1-sel1	0.0000000	0.0704912	0.0416667
ExpandSurvey_modified33-Catch1-F1-sel1	0.0204082	0.0845290	0.0408163
ExpandSurvey_modified33-Catch0.75-F1-sel1	0.0208333	0.0859421	0.0416667
ExpandSurvey_modified43-Catch1-F1-sel1	0.0204082	0.1226531	0.0204082
ExpandSurvey_modified43-Catch0.75-F1-sel1	0.0208333	0.1249562	0.0208333
ExpandSurvey_modified13-Catch1-F1-sel1	0.0204082	0.1230882	0.0408163
ExpandSurvey_modified13-Catch0.75-F1-sel1	0.0208333	0.1252498	0.0416667
true_Skate_CR43-Catch1-F2-sel1	0.0204082	0.1264524	0.0612245
true_Skate_CR43-Catch0.75-F2-sel1	0.0208333	0.1280866	0.0625000
ExpandSurvey_modified43-Catch1-F2-sel1	0.0408163	0.1376422	0.0408163
ExpandSurvey_modified43-Catch0.75-F2-sel1	0.0416667	0.1403910	0.0416667
true_Skate_CR43-Catch1-F1-sel2	0.0612245	0.4482956	0.0408163
true_Skate_CR43-Catch0.75-F1-sel2	0.0612245	0.4482956	0.0408163
true_Skate_CR43-Catch1-F2-sel2	0.0612245	0.4791658	0.0408163
true_Skate_CR43-Catch0.75-F2-sel2	0.0625000	0.4834444	0.0416667
ExpandSurvey_modified43-Catch1-F2-sel2	0.0816327	0.4105776	0.0204082
ExpandSurvey_modified43-Catch0.75-F2-sel2	0.0833333	0.4197348	0.0208333
ExpandSurvey_modified43-Catch1-F1-sel2	0.0204082	0.3923938	0.0000000
ExpandSurvey_modified43-Catch0.75-F1-sel2	0.0208333	0.4014544	0.0000000

	SSB	Catch	F
ExpandSurvey_modified33-Catch0.75-F1-sel2	0.0416667	0.4082748	0.0000000
ExpandSurvey_modified13-Catch1-F1-sel2	0.0408163	0.3887041	0.0000000
ExpandSurvey_modified13-Catch0.75-F1-sel2	0.0416667	0.3973865	0.0000000
ExpandSurvey_modified33-Catch1-F1-sel2	0.0408163	0.3993681	0.0000000
ExpandSurvey_modified33-Catch1-F2-sel1	0.0612245	0.3442285	0.3265306
ExpandSurvey_modified33-Catch0.75-F2-sel1	0.0625000	0.3536424	0.3541667
Islope43-Catch1-F2-sel1	0.2653061	0.3378319	0.3265306
Islope43-Catch0.75-F2-sel1	0.2653061	0.3378319	0.3265306
run.aim43-Catch1-F2-sel1	0.0612245	0.3270413	0.5102041
run.aim43-Catch0.75-F2-sel1	0.0625000	0.3335187	0.5416667
ExpandSurvey_modified13-Catch1-F2-sel1	0.1428571	0.4499656	0.6122449
ExpandSurvey_modified13-Catch0.75-F2-sel1	0.1458333	0.4630226	0.6250000
run.aim43-Catch1-F1-sel2	0.2244898	0.7952421	0.5306122
run.aim43-Catch0.75-F1-sel2	0.2291667	0.8084622	0.5208333
Islope43-Catch0.75-F1-sel2	0.4583333	0.7412169	0.5208333
Islope43-Catch1-F1-sel2	0.4693878	0.7473921	0.5102041
ExpandSurvey_modified43-M0.75-F1-sel1	0.4791667	0.8451624	0.4375000
ExpandSurvey_modified43-M1-F1-sel1	0.4897959	0.8412103	0.4489796
ExpandSurvey_modified13-Catch1-F2-sel2	0.1020408	0.6081978	0.1632653
ExpandSurvey_modified13-Catch0.75-F2-sel2	0.1041667	0.6200515	0.1666667
run.aim43-Catch1-F2-sel2	0.1632653	0.6544802	0.3265306
run.aim43-Catch0.75-F2-sel2	0.1666667	0.6660161	0.3333333
Islope43-Catch0.75-F1-sel1	0.3541667	0.6003105	0.3333333
Islope43-Catch1-F1-sel1	0.3673469	0.6098932	0.3265306
ExpandSurvey_modified33-Catch1-F2-sel2	0.2244898	0.7012930	0.2244898
ExpandSurvey_modified33-Catch0.75-F2-sel2	0.2291667	0.7143907	0.2083333
ExpandSurvey_modified43-M0.75-F2-sel1	0.3125000	0.7358052	0.2500000
ExpandSurvey_modified43-M1-F2-sel1	0.3265306	0.7304260	0.2448980
ExpandSurvey_modified43-M1-F1-sel2	0.4285714	1.0867714	0.2448980
ExpandSurvey_modified43-M0.75-F1-sel2	0.4375000	1.1018182	0.2500000
ExpandSurvey_modified43-M1-F2-sel2	0.5918367	1.1746525	0.1836735
ExpandSurvey_modified43-M0.75-F2-sel2	0.5833333	1.1943586	0.1875000
run.aim43-Catch1-F1-sel1	0.2244898	0.5809491	0.7551020
run.aim43-Catch0.75-F1-sel1	0.2291667	0.5974649	0.7500000
Itarget43-Catch1-F2-sel1	0.5510204	0.7157388	1.0000000
Itarget43-Catch0.75-F2-sel1	0.5625000	0.7214641	1.0000000
Islope43-Catch1-F2-sel2	0.5306122	0.5406587	0.6326531
Islope43-Catch0.75-F2-sel2	0.5416667	0.5365193	0.6458333
Islope43-M0.75-F1-sel1	0.6250000	0.7566727	0.7083333
Islope43-M1-F1-sel1	0.6326531	0.7629170	0.7142857
Islope43-M1-F2-sel1	0.6938776	0.6783913	0.7959184
Islope43-M0.75-F2-sel1	0.6938776	0.6783913	0.7959184
M_CC43-Catch0.75-F2-sel1	1.0000000	0.7172896	1.0000000
M_CC43-Catch0.75-F1-sel1	1.0000000	0.7865176	1.0000000
Islope43-M0.75-F1-sel2	0.8125000	0.9666525	0.8333333
Islope43-M1-F1-sel2	0.8163265	0.9699951	0.8367347
Islope43-M0.75-F2-sel2	0.8541667	0.9300421	0.8750000
Islope43-M1-F2-sel2	0.8571429	0.9333432	0.8775510
Itarget43-Catch1-F2-sel2	0.6122449	1.0439461	0.9591837
Itarget43-Catch0.75-F2-sel2	0.6250000	1.0527853	0.9583333
Itarget43-Catch1-F1-sel1	0.6734694	1.0905867	1.0000000
Itarget43-Catch0.75-F1-sel1	0.6875000	1.1087297	1.0000000

	SSB	Catch	F
Itarget43-Catch1-F1-sel2	0.7142857	1.1247196	0.9591837
Itarget43-Catch0.75-F1-sel2	0.7291667	1.1341620	0.9583333
Itarget43-M1-F1-sel1	1.0000000	1.0411532	1.0000000
Itarget43-M0.75-F1-sel1	1.0000000	1.0559497	1.0000000
Itarget43-M1-F2-sel1	1.0000000	1.1205850	1.0000000
Itarget43-M0.75-F2-sel1	1.0000000	1.1293823	1.0000000
Itarget43-M1-F1-sel2	1.0000000	1.1588293	1.0000000
Itarget43-M0.75-F1-sel2	1.0000000	1.1686556	1.0000000
true_Skate_CR43-M1-F2-sel1	0.8367347	1.1722688	0.9795918
true_Skate_CR43-M0.75-F2-sel1	0.8541667	1.1815267	0.9791667
true_Skate_CR43-M1-F1-sel1	0.8979592	1.1835721	1.0000000
true_Skate_CR43-M0.75-F1-sel1	0.9166667	1.1935276	1.0000000
true_Skate_CR43-M1-F2-sel2	0.8775510	1.2980518	1.0000000
true_Skate_CR43-M0.75-F2-sel2	0.8750000	1.3070511	1.0000000
true_Skate_CR43-M1-F1-sel2	0.8571429	1.2642086	0.9795918
true_Skate_CR43-M0.75-F1-sel2	0.8571429	1.2642086	0.9795918
run.aim43-M1-F2-sel1	0.8979592	1.2473608	1.0000000
run.aim43-M0.75-F2-sel1	0.8958333	1.2672340	1.0000000
ExpandSurvey_modified13-M1-F2-sel1	1.0000000	1.2284582	1.0000000
Itarget43-M1-F2-sel2	1.0000000	1.2364269	1.0000000
ExpandSurvey_modified13-M0.75-F2-sel1	1.0000000	1.2429764	1.0000000
Itarget43-M0.75-F2-sel2	1.0000000	1.2460398	1.0000000
run.aim43-M0.75-F1-sel1	0.9791667	1.2792677	1.0000000
ExpandSurvey_modified13-M1-F2-sel2	0.9795918	1.2953195	1.0000000
run.aim43-M1-F1-sel1	0.9795918	1.2621442	1.0000000
ExpandSurvey_modified33-M1-F2-sel1	1.0000000	1.2641566	1.0000000
ExpandSurvey_modified13-M1-F1-sel1	1.0000000	1.2671776	1.0000000
ExpandSurvey_modified33-M1-F2-sel2	1.0000000	1.2680409	1.0000000
ExpandSurvey_modified33-M0.75-F2-sel1	1.0000000	1.2807790	1.0000000
ExpandSurvey_modified13-M0.75-F1-sel1	1.0000000	1.2824281	1.0000000
ExpandSurvey_modified33-M1-F1-sel1	1.0000000	1.2838539	1.0000000
ExpandSurvey_modified33-M0.75-F2-sel2	1.0000000	1.2842335	1.0000000
run.aim43-M0.75-F2-sel2	0.9791667	1.3240332	1.0000000
ExpandSurvey_modified13-M0.75-F1-sel2	0.9791667	1.3290560	1.0000000
run.aim43-M1-F2-sel2	0.9795918	1.3059775	1.0000000
ExpandSurvey_modified13-M1-F1-sel2	0.9795918	1.3112767	1.0000000
ExpandSurvey_modified13-M0.75-F2-sel2	0.9791667	1.3119575	1.0000000
ExpandSurvey_modified33-M0.75-F1-sel2	1.0000000	1.3139226	1.0000000
run.aim43-M0.75-F1-sel2	1.0000000	1.3193072	1.0000000
ExpandSurvey_modified33-M1-F1-sel2	1.0000000	1.2969033	1.0000000
ExpandSurvey_modified33-M0.75-F1-sel1	1.0000000	1.3017176	1.0000000
run.aim43-M1-F1-sel2	1.0000000	1.3020935	1.0000000

