Operating model comparison report

ABT-MSE

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Operating model summary

Model	Global	Catch	CPUE	Ind.	Length	SOO	PSAT	P Rec.	P SSB
SSB0_half_East	36205.5	6849.2	1813.8	31693.7	2547.9	2758.9	746.9	97.6	-5.5
SSB0_half_West	37391.2	7210.2	2001.1	32606.9	2549.7	2844.4	754.7	101.8	-5.5
West area SSB like assess	110473	8914.4	1939	30328.9	2761.6	2822.8	1019.2	350.1	NaN
East area SSB increases like VPA	92549.1	7398.8	1810.5	30795	2551.2	2799.6	770.7	107.5	NaN

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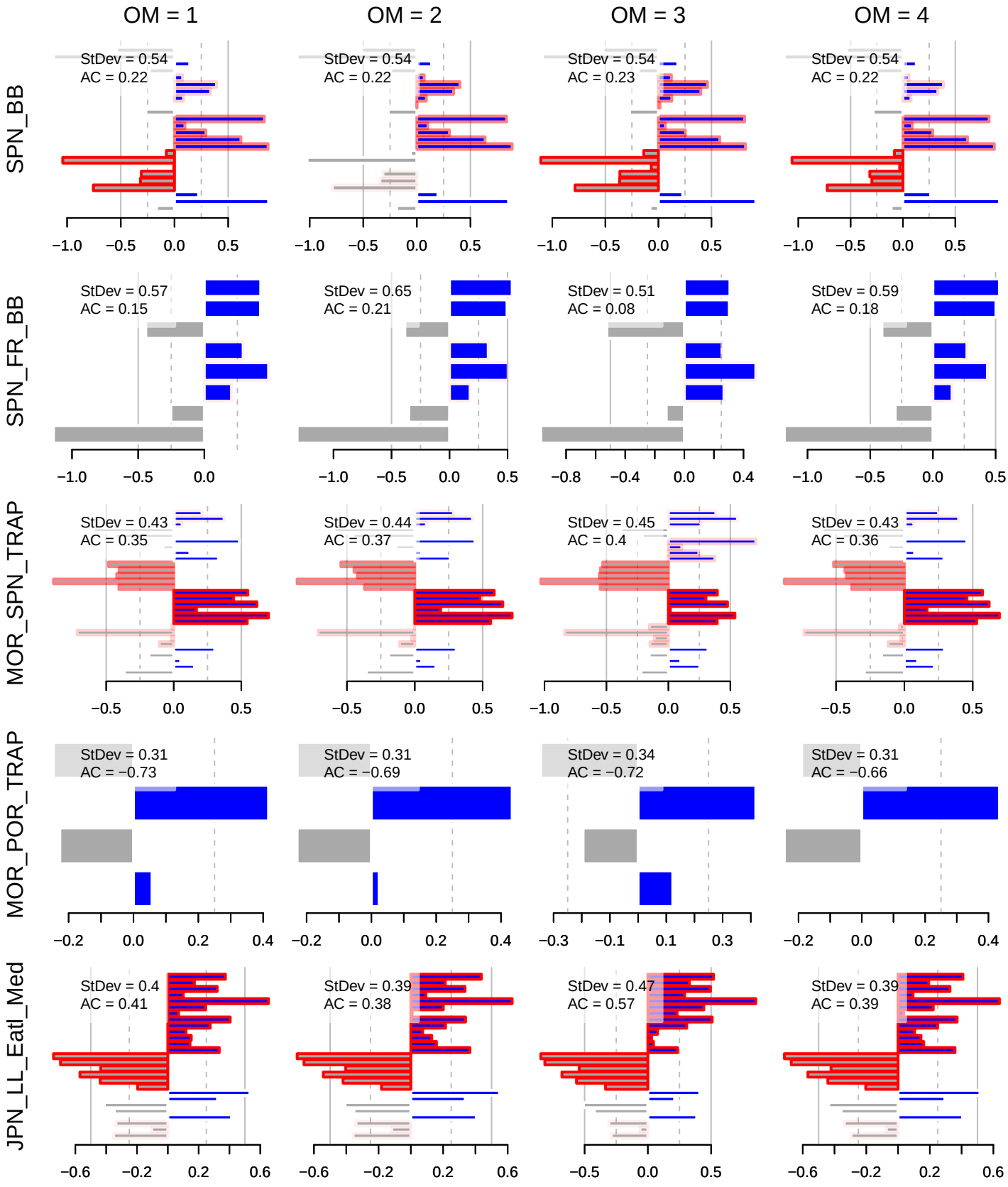
Residuals in indices

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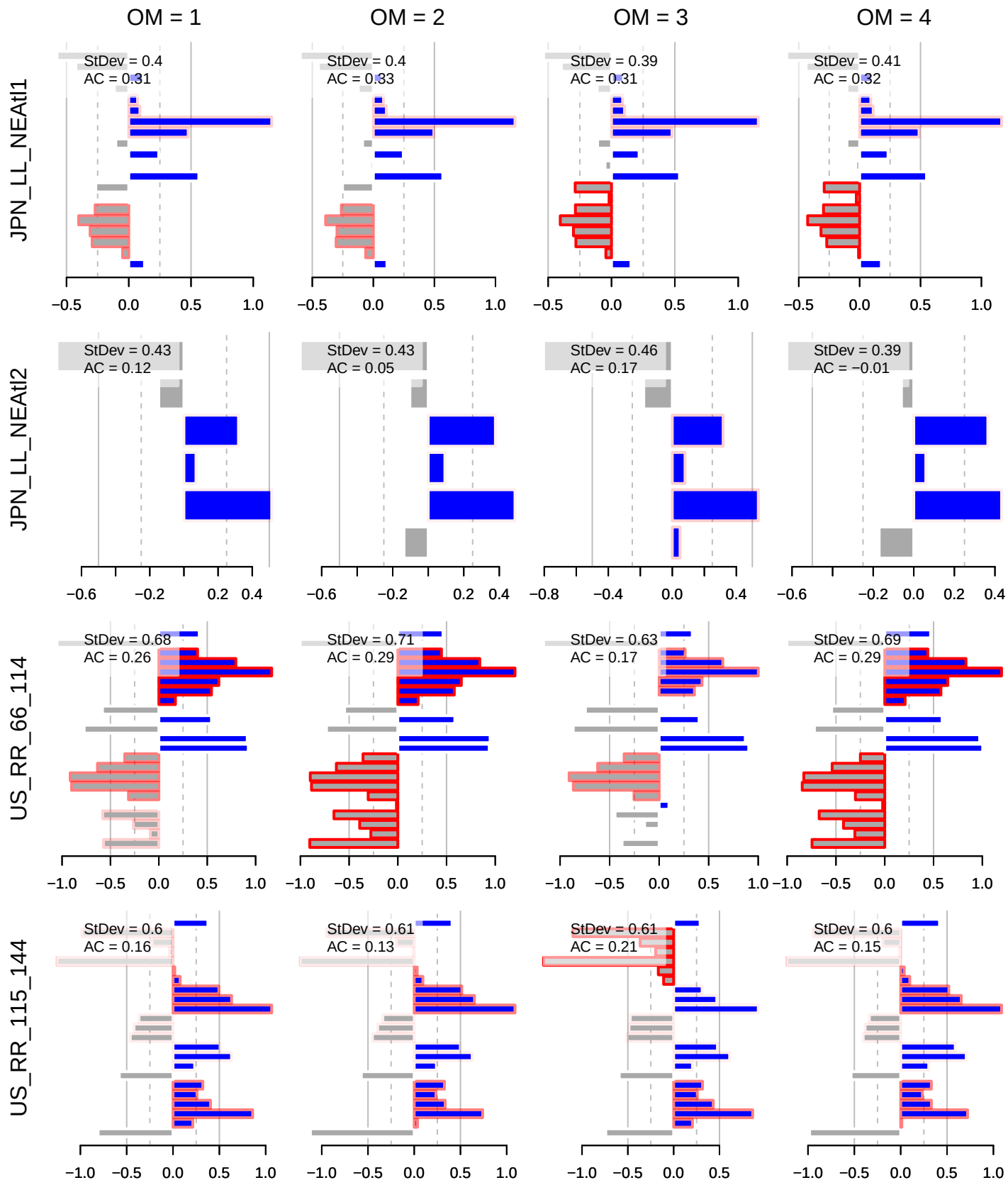
OM = 1
OM = 2
OM = 3
OM = 4
JPN_LL_NEAtl1
JPN_LL_NEAtl2
US_RR_66_114
US_RR_115_144
StDev = 0.4
AC = 0.31
StDev = 0.4
AC = 0.33
StDev = 0.39
AC = 0.31
StDev = 0.41
AC = 0.32
StDev = 0.43
AC = 0.12
StDev = 0.43
AC = 0.05
StDev = 0.46
AC = 0.17
StDev = 0.39
AC = −0.01
StDev = 0.68
AC = 0.26
StDev = 0.71
AC = 0.29
StDev = 0.63
AC = 0.17
StDev = 0.69
AC = 0.29
StDev = 0.6
AC = 0.16
StDev = 0.61
AC = 0.13
StDev = 0.61
AC = 0.21
StDev = 0.6
AC = 0.15

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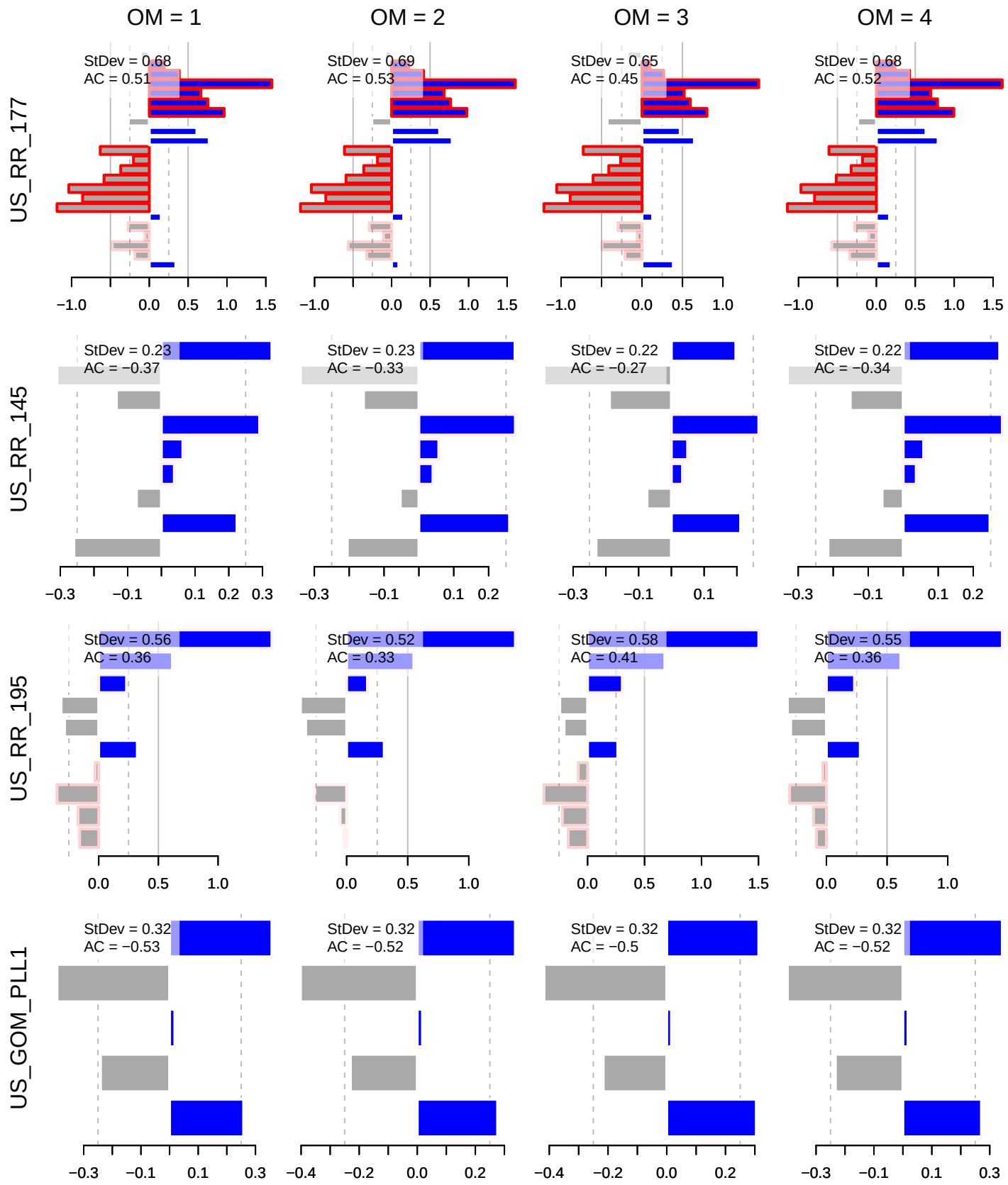
OM = 1
OM = 2
OM = 3
OM = 4
US_RR_177
US_RR_145
US_RR_195
US_GOM_PLL1
StDev = 0.68
AC = 0.51
StDev = 0.69
AC = 0.53
StDev = 0.65
AC = 0.45
StDev = 0.68
AC = 0.52
StDev = 0.23
AC = −0.37
StDev = 0.23
AC = −0.33
StDev = 0.22
AC = −0.27
StDev = 0.22
AC = −0.34
StDev = 0.56
AC = 0.36
StDev = 0.52
AC = 0.33
StDev = 0.58
AC = 0.41
StDev = 0.55
AC = 0.36
StDev = 0.32
AC = −0.53
StDev = 0.32
AC = −0.52
StDev = 0.32
AC = −0.5
StDev = 0.32
AC = −0.52

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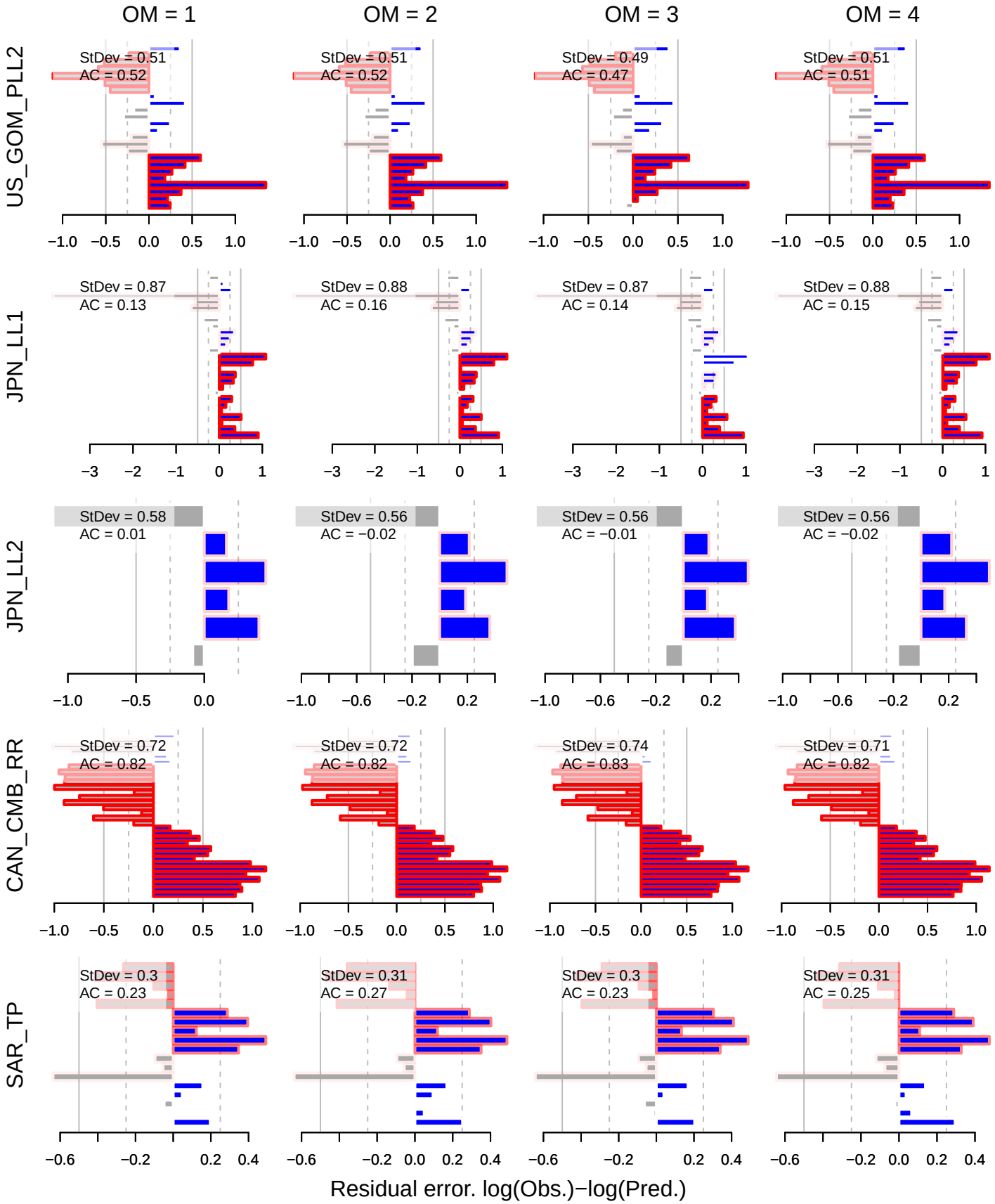
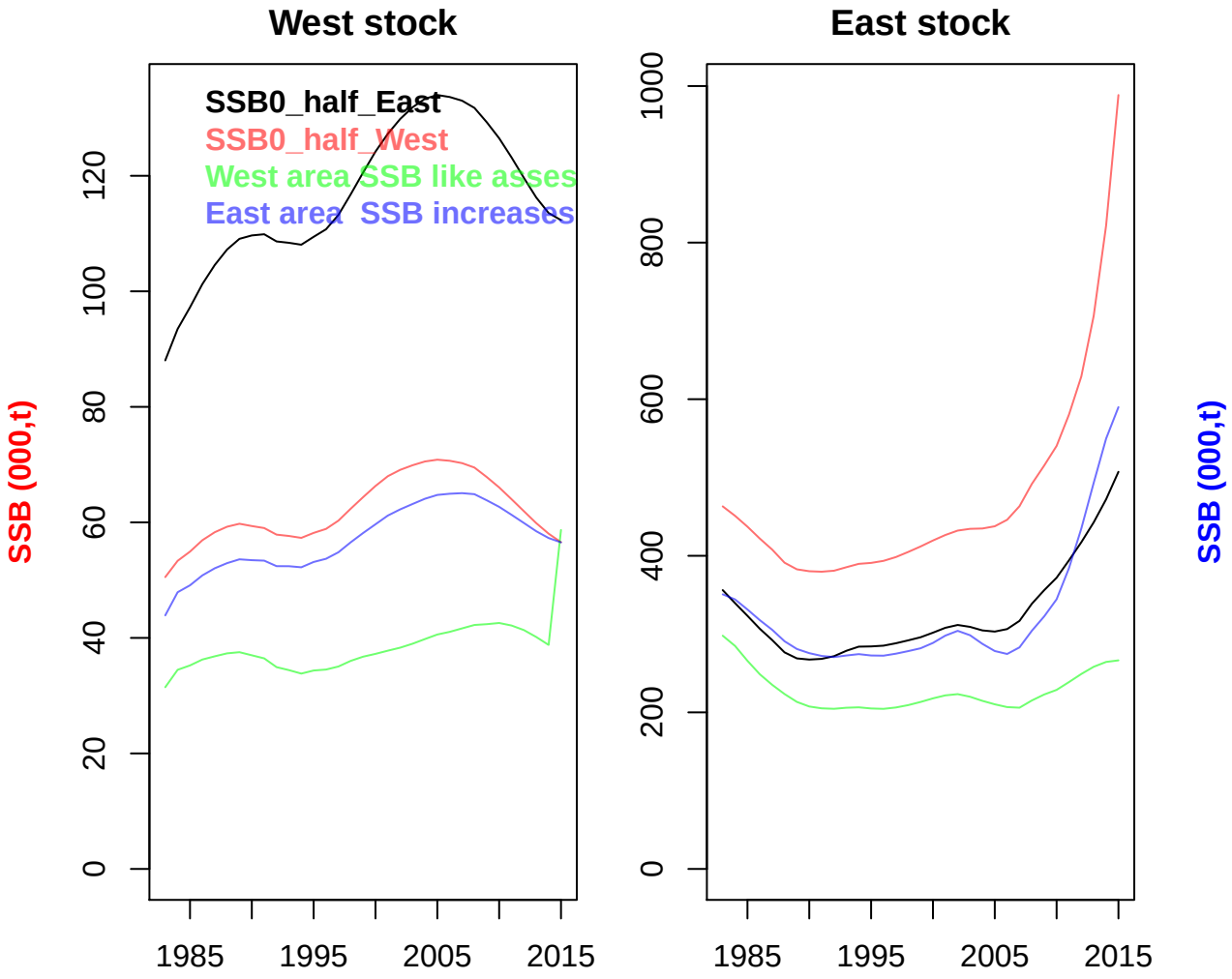


Model estimates / reference points for Eastern stock

OM	MSY	FMSYa	UMSY	BMSY	SSBMSY	BMSY_B0	SSBrel	recMSY	D	Dep	SSB	OI
SSB0_half_East	23916	0.181	0.128	187174	163876	0.254	0.228	0.928	0.605	0.657	504591	73
SSB0_half_West	31736	0.162	0.128	247383	218049	0.269	0.243	0.931	1.066	1.155	1008930	14
West_like_assess	20240	0.116	0.098	205661	191606	0.299	0.279	0.943	0.274	0.295	261137	27
East_four_inc	24784	0.144	0.108	230255	212612	0.272	0.252	0.96	0.582	0.621	588050	68

Model estimates / reference points for Western stock

OM	MSY	FMSYa	UMSY	BMSY	SSBMSY	BMSY_B0	SSBrel	recMSY	D	Dep	SSB	OFI
SSB0_half_East	4206	0.16	0.113	37346	34710	0.29	0.274	0.884	0.842	0.898	110195	1339
SSB0_half_West	2782	0.144	0.118	23638	22014	0.299	0.283	0.884	0.551	0.591	55102	6982
West_like_assess	1201	0.074	0.068	17745	17178	0.373	0.362	0.799	0.64	0.694	63278	4445
East_four_inc	2539	0.126	0.099	25727	24598	0.307	0.293	0.901	0.495	0.523	55459	5742

SSB trends