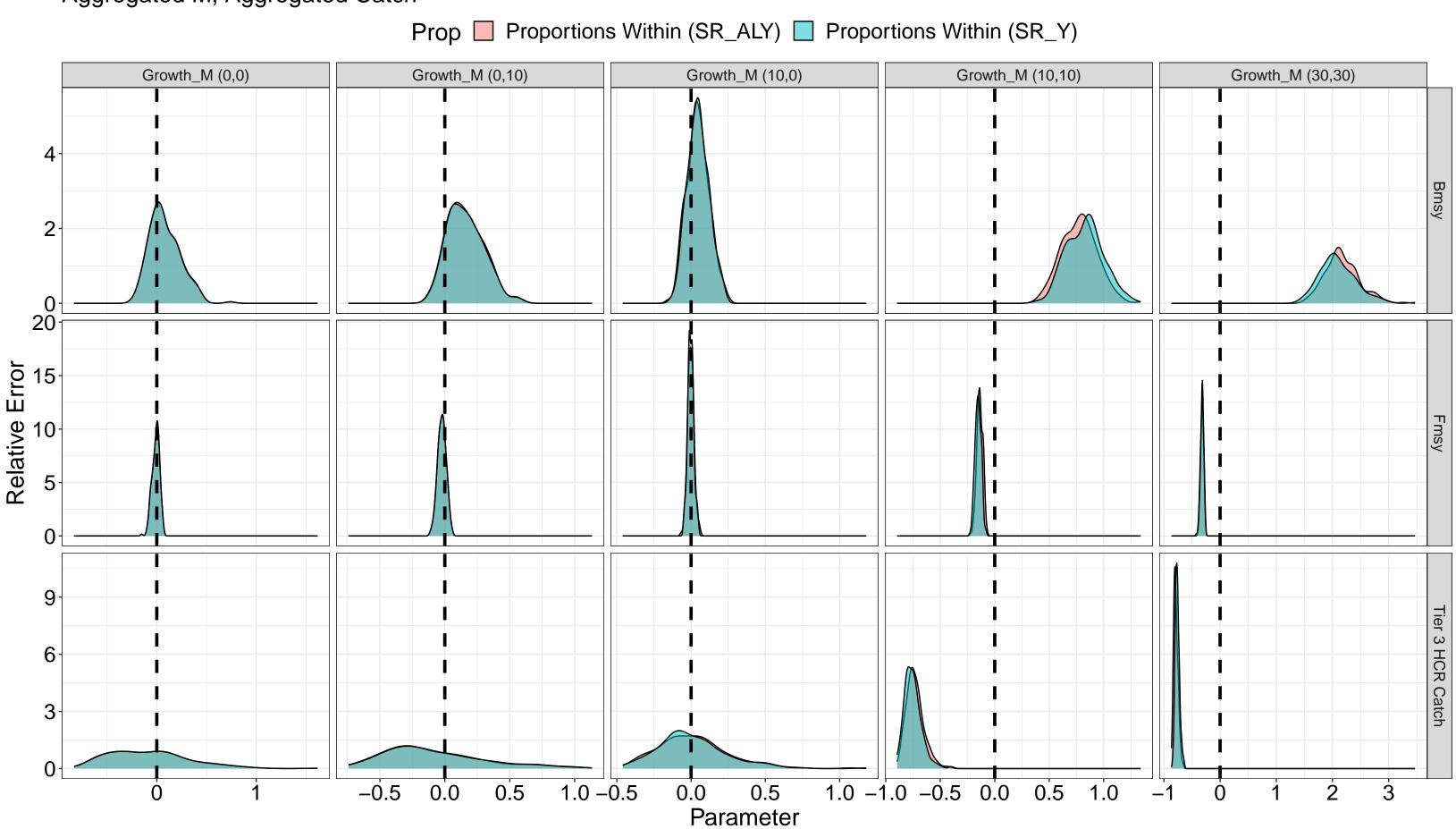
Prop Proportions Within (SR_ALY) Proportions Within (SR_Y) Growth_M (0,0) Growth_M (0,10) Growth_M (10,0) Growth_M (10,10) Growth_M (30,30) 6 Bmsy 2 Relative Error Fmsy 3 Tier 3 HCR Catch 2 0.5 1.0 0.5 1.0 1.5 -0.5 0.0 -0.50.5 $-0.5 \quad 0.0$ -0.25 0.0 0.00 Parameter

Prop Proportions Across Proportions Within (SR_Y) Growth_M (0,0) Growth_M (10,10) Growth_M (0,10) Growth_M (10,0) Growth_M (30,30) 6 2 Relative Error 3 2 1.0 1.5 -0.5 0.0 0.5 1.0 1.5-1.0 -0.5 0.0 0.5 0.5 -0.2 0.2 -0.5 0.0 0.0 Parameter

Prop Proportions Within (SR_ALY) Proportions Within (SR_Y) Growth_M (10,0) Growth_M (10,10) Growth_M (0,10) Growth_M (0,0) Growth_M (30,30) 7.5 Bmsy 5.0 2.5 0.0 20 Relative Error 15 Fmsy 10 6 Tier 3 HCR Catch 2 0 -0.5 0.00.2 0.2 0.5 0.5 1.0 0.0 0.4-0.2 -0.2 - 0.10.1 1.0 0.0 0.0 Parameter

Prop Proportions Across Proportions Within (SR_Y) Growth_M (0,10) Growth_M (10,10) Growth_M (10,0) Growth_M (0,0) Growth_M (30,30) 7.5 Bmsy 5.0 2.5 0.0 20 Relative Error 15 Fmsy 10 6 Tier 3 HCR Catch 2 0 -0.5 0.01.5 -0.2 0.2 0.2 0.5 0.5 1.0 0.0 0.4-0.2 -0.2 - 0.10.1 1.0 0.0 0.0 Parameter



Prop Proportions Across Proportions Within (SR_Y) Growth_M (0,0) Growth_M (10,10) Growth_M (0,10) Growth_M (10,0) Growth_M (30,30) 6 2 Relative Error 3 2 1.0 1.5 -0.5 0.0 0.5 1.0 1.5-1.0 -0.5 0.0 0.5 0.5 -0.2 0.2 -0.5 0.0 0.0 Parameter