Prop Proportions Within (SR_ALY) Proportions Within (SR_Y) Growth_M (0,10) Growth_M (10,0) Growth_M (0,0) Growth_M (10,10) Growth_M (30,30) 10.0 Spawning Stock Biomass 7.5 5.0 2.5 0.0 Relative Error 7.5 Total Biomass 5.0 2.5 0.0 8 **Total Fishing Mortality** 6 4 2 -0.4-0.2 0.0 0.2 0.4 0.6 -0.250.00 0.25 0.50 -0.4-0.2 0.0 0.2 0.4 0.6 0.2 0.4 -0.2-0.1 0.0 0.1 0.2 $-0.2 \ 0.0$ RE

Proportions Across Proportions Within (SR_Y) Growth_M (10,0) Growth_M (10,10) Growth_M (0,0) Growth_M (0,10) Growth_M (30,30) 10.0 Spawning Stock Biomass 7.5 5.0 2.5 0.0 Relative Error 7.5 Total Biomass 5.0 2.5 0.0 8 Total Fishing Mortality 6 4 2 0 -0.250.00 0.25 0.50 -0.4-0.2 0.0 0.2 0.4 0.6 -0.2 0.0 0.2 0.4 -0.2-0.1 0.0 0.1 0.2 -0.25 0.00 0.25 0.50 RE

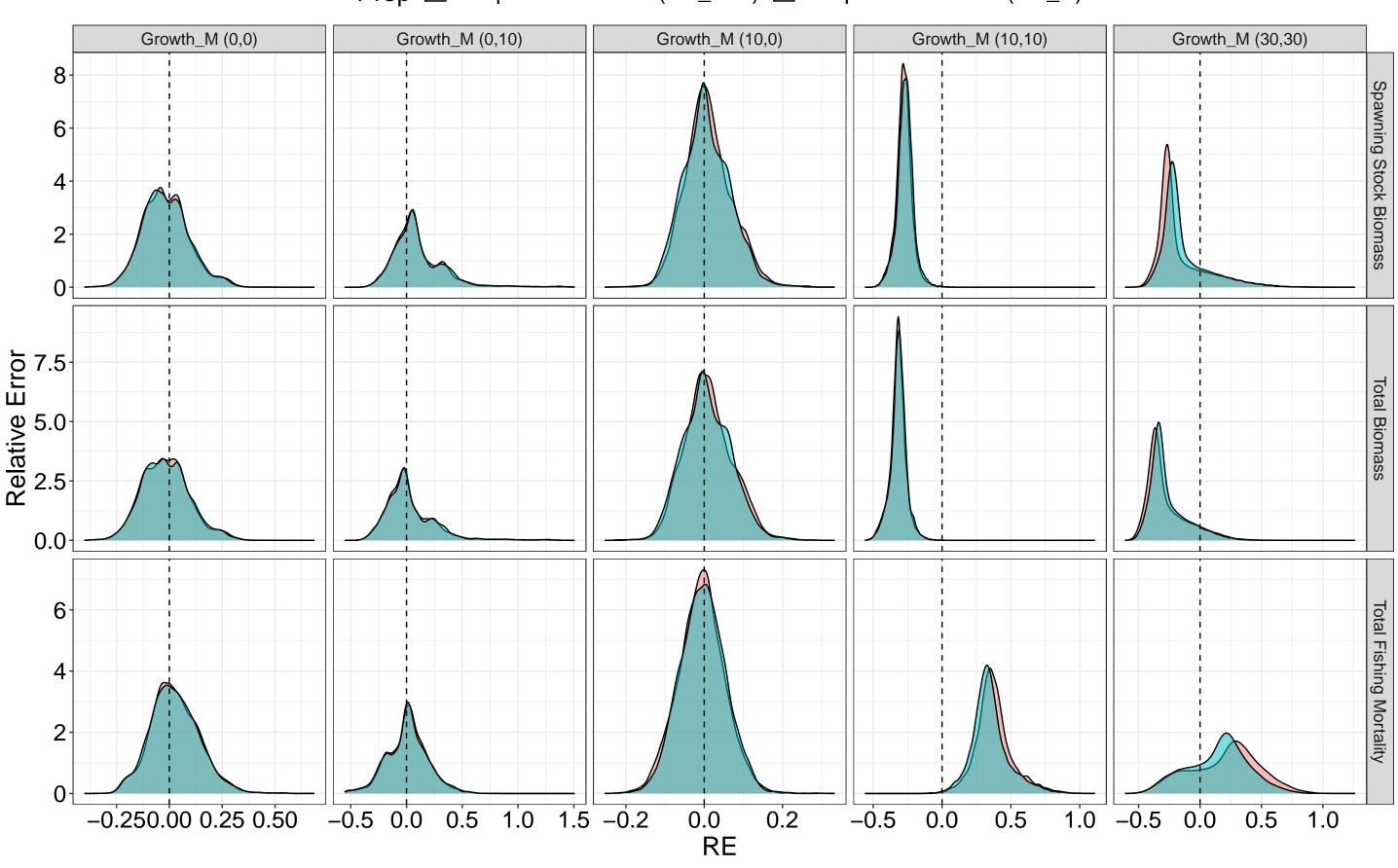
Prop Proportions Within (SR_ALY) Proportions Within (SR_Y) Growth_M (0,10) Growth_M (10,0) Growth_M (0,0) Growth_M (10,10) Growth_M (30,30) 12 Spawning Stock Biomass 8 4 12.5 Relative Error 5.7 2.5 2.5 Total Biomass 0.0 Total Fishing Mortality 9 6 3 $-0.4-0.2\ 0.0\ 0.2\ 0.4\ 0.6\ -0.25\ 0.00\ 0.25\ 0.50$ 0.2 0.4-0.2-0.1 0.0 0.1 0.2 0.3 -0.20.0 -0.10.0 RE

Proportions Across Proportions Within (SR_Y) Growth_M (0,10) Growth_M (0,0) Growth_M (10,0) Growth_M (10,10) Growth_M (30,30) 12 Spawning Stock Biomass 8 4 12 Relative Error Total Biomass 8 Total Fishing Mortality 9 6 3 -0.2-0.10.0 0.1 0.2 0.3 -0.2-0.10.0 0.1 0.2 0.3 $-0.4-0.2\ 0.0\ 0.2\ 0.4\ 0.6\ -0.25\ 0.00\ 0.25\ 0.50$ 0.0 RE

Prop Proportions Within (SR_ALY) Proportions Within (SR_Y) Growth_M (0,10) Growth_M (10,0) Growth_M (10,10) Growth_M (0,0) Growth_M (30,30) 10.0 Spawning Stock Biomass 7.5 5.0 2.5 0.0 7.5 Relative Error Total Biomass 5.0 2.5 0.0 6 Total Fishing Mortality 4 2 0 -0.25 0.00 0.25 0.50 -0.4-0.2 0.0 0.2 0.4 0.6 0.2 0.40.500.250.000.250.500.75-0.5 0.5 -0.2 0.0 0.0 RE

Proportions Across Proportions Within (SR_Y) Growth_M (0,10) Growth_M (10,0) Growth_M (0,0) Growth_M (10,10) Growth_M (30,30) Spawning Stock Biomass 7.5 5.0 2.5 0.0 Relative Error **Total Biomass** 0.0 6 Total Fishing Mortality 4 2 -0.250.00 0.25 0.50 0.2 -0.25 0.00 0.25 0.50 -0.20.0 0.40.500.250.000.250.500.75-0.5 0.5 0.0 RE

Prop Proportions Within (SR_ALY) Proportions Within (SR_Y)



Proportions Across Proportions Within (SR_Y) Growth_M (0,10) Growth_M (0,0) Growth_M (10,0) Growth_M (10,10) Growth_M (30,30) 8 Spawning Stock Biomass 6 4 Relative Error 5.7 Total Biomass 0.0 Total Fishing Mortality 6 4 2 0.0 RE 0.2 -0.250.00 0.25 0.50 -0.5 0.0 0.5 1.0 1.5 -0.20.0 0.5 1.0 -0.5 0.0 -0.5