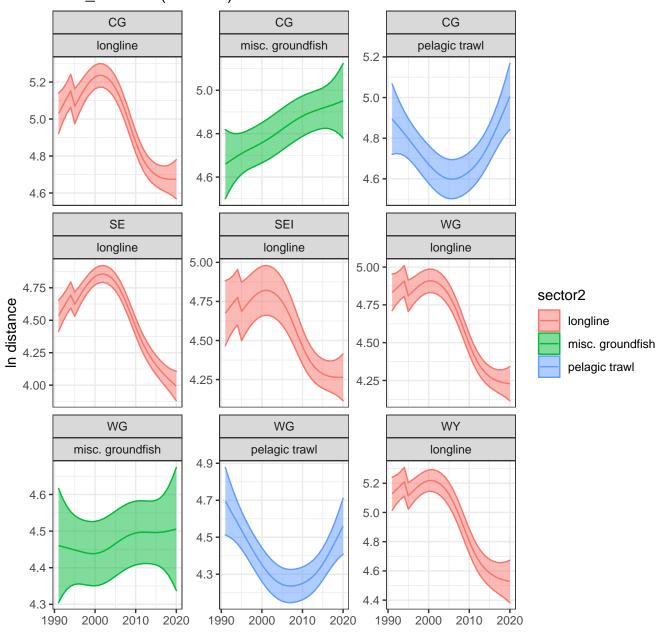
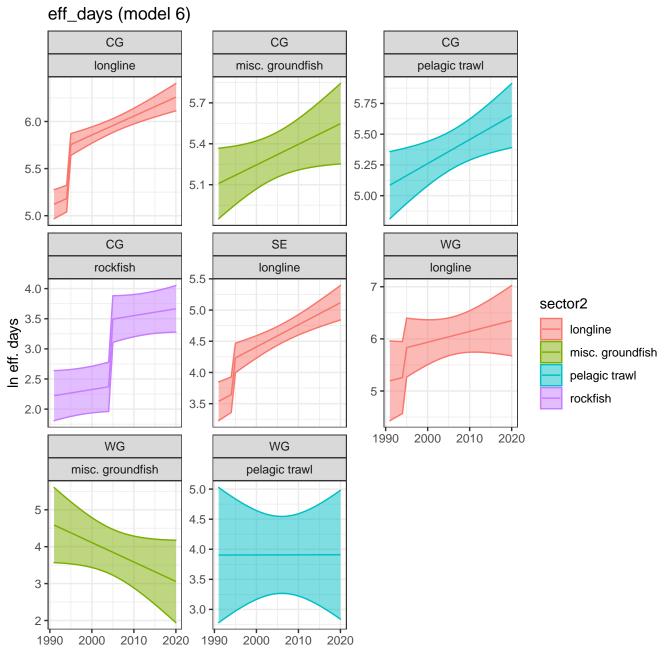
inertia (model 1) CG CG CG CG longline misc. groundfish pelagic trawl rockfish 0.8 1.0 0.6 0.6 0.6 0.4 0.4 0.8 0.4 0.2 0.2 0.2 0.6 0.0 0.0 0.0 SE SEI WG WG longline longline longline misc. groundfish sector2 In sqrt(inertia) 0.6 1.0 1.0 longline 0.4 8.0 8.0 misc. groundfish 0.2 pelagic trawl 0.6 0.6 rockfish 0.0 0.4 1990 2000 2010 2020 1990 2000 2010 2020 WG WY longline pelagic trawl 0.6 1.0 0.4 8.0 0.2 0.6 0.0 1990 2000 2010 2020 1990 2000 2010 2020

inertia-ind (model 5) CG SE SEI longline longline longline -1.0 **-**-1 0.0 -1.5 **-**-0.5 -2· -2.0 -1.0 -2.5 **-**-1.5-3 **-**-3.0 **-**-2.0 WG WG WG longline misc. groundfish pelagic trawl -0.4sector2 In sqrt(inertia) -1 --0.5 longline -0.8 misc. groundfish -2 --1.0 pelagic trawl -1.2 **-**-3 **-**-1.5 2020 2000 2010 1990 2000 2010 2020 1990 WY longline 0 -1 -2 **-**1990 2000 2010 2020

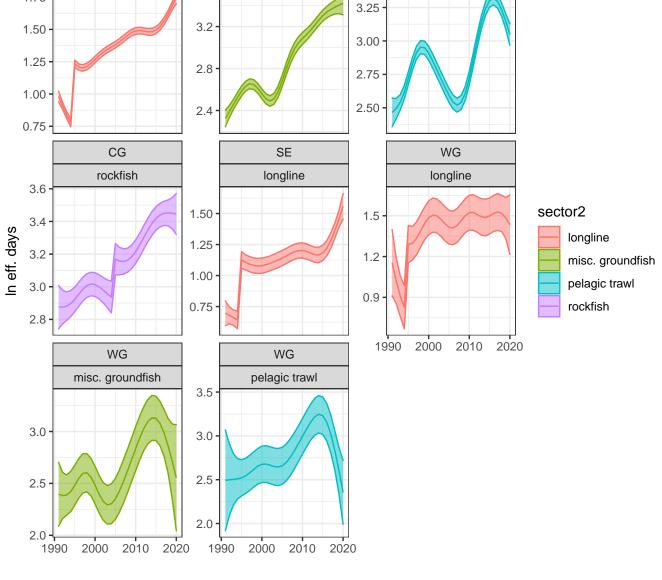
haul_dist (model 5) CG CG CG longline misc. groundfish pelagic trawl 5.2 4.9 4.9 4.8 5.0 4.8 4.7 4.7 4.8 4.6 -4.5 -4.6 4.6 SE SEI WG longline longline longline 5.0 4.8 sector2 4.8 4.8 In distance longline 4.6 4.6 misc. groundfish 4.4 pelagic trawl 4.4 4.2 4.2 WG WG WY misc. groundfish longline pelagic trawl 4.7 5.4 4.6 4.6 -5.2 4.5 -4.5 4.4 -5.0 4.3 -4.4 4.8 4.2 -4.3 1990 2000 2010 2020 1990 2000 2010 2020 1990 2000 2010 2020

haul_dist-ind (model 5)





eff_days-ind (model 6) CG CG CG longline misc. groundfish pelagic trawl 1.75 -3.25 3.2 3.00 2.8 2.75 2.50 2.4 -CG SE WG rockfish longline longline sector2 1.50 1.5 longline 1.25 1.2 misc. groundfish 1.00 pelagic trawl 0.9 rockfish 0.75 -



lat (model 6) CG CG CG CG longline misc. groundfish pelagic trawl rockfish 57.1 57.8 -57.7 57.0 -57.0 -56.9 57.6 -57.6 56.9 -56.8 56.8 57.4 57.5 -56.7 56.7 56.6 57.4 57.2 WG SE SEI WG longline longline longline misc. groundfish 57.4 54.8 54.8 56.6 sector2 57.3 54.7 54.6 longline latitude 57.2 -56.4 misc. groundfish 54.6 57.1 54.4 pelagic trawl 54.5 56.2 rockfish 57.0 54.4 54.2 1990200020102020 1990200020102020 WG WY pelagic trawl longline 55.5 59.0 -55.4 58.8 55.3 55.2 58.6 55.1 55.0 58.4

54.9

1990200020102020

1990200020102020

lat-ind (model 5) CG SE SEI longline longline longline 57.50 58.25 57.25 58.00 57.25 57.00 57.75 56.75 57.00 56.50 57.50 56.75 WG WG WG longline pelagic trawl misc. groundfish 55.00 55.75 55.25 -54.75 55.50 sector2 55.00 9 54.50 54.25 55.25 longline 54.75 55.00 misc. groundfish 54.50 pelagic trawl 54.75 54.00 54.25 54.50 53.75 2000 2010 2020 2000 2010 2020 1990 1990 WY longline 59.50 59.25 59.00

58.75

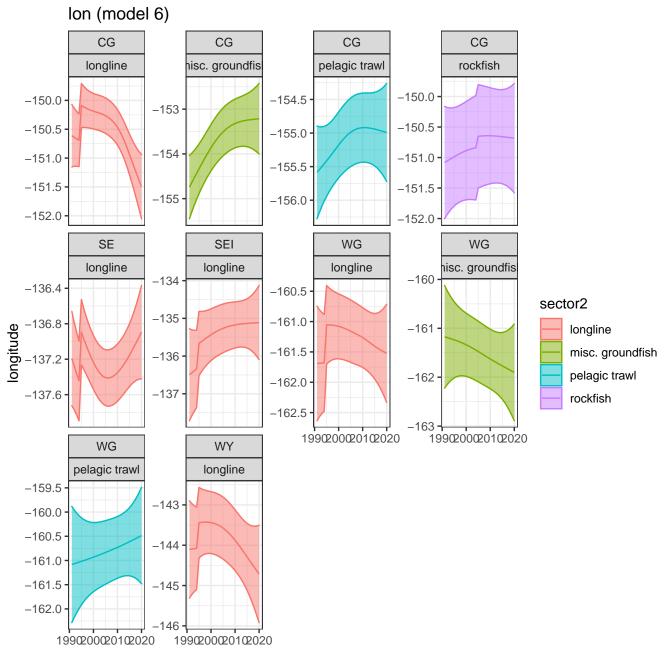
58.50

1990

2000

2010

2020



Ion-ind (model 6) CG SE SEI longline longline longline -133.5-135.0 **-**-150-134.0-135.5-134.5-151 -136.0-135.0-152 · -135.5 -136.5 -153 -136.0-137.0-136.5WG WG WG misc. groundfish longline pelagic trawl -160 -160 sector2 -159 opition -162 -163 --161 longline -161 -160 misc. groundfish -162 pelagic trawl -161 · -164 -165· -1632000 2010 2020 2000 2010 2020 1990 1990 WY longline -142 · -143 -144-1451990 2000 2010 2020