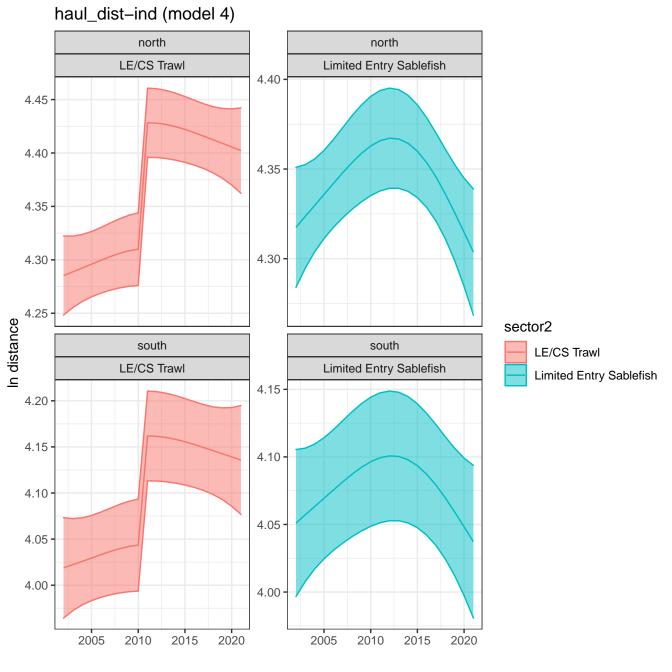


inertia-ind (model 6) north at sea at sea At-sea hake CP At-sea hake MS LE/CS Trawl 1.0 1.0 -0.8 -0.5 0.5 --0.9 **-**0.0 -1.00.0 -1.1 **-**-0.5-1.2 sector2 -1.0-0.5 In sqrt(inertia) At-sea hake CP north south south At-sea hake MS imited Entry Sablefish LE/CS Trawl imited Entry Sablefish LE/CS Trawl -1.2 -1.4 -Limited Entry Sablefish -1.6 **-**-1.4 **-**-1.00-1.8 **-**-2.0 --1.6 -1.25-2.2 **-**-2.4 · -1.8 **-**2005201020152020 2005201020152020 2005201020152020

haul\_dist (model 4) north north LE/CS Trawl Limited Entry Sablefish 4.45 -4.400 4.40 4.375 4.35 -4.350 4.30 -4.325 In distance sector2 south south LE/CS Trawl LE/CS Trawl Limited Entry Sablefish Limited Entry Sablefish 4.20 4.16 4.15 -4.12 4.10 4.08 4.05 -4.00 2010 2005 2015 2020 2005 2010 2015 2020



eff\_days (model 5) north north LE/CS Trawl Limited Entry Sablefish 2.6 -3.8 2.5 3.6 2.4 -2.3 3.4 2.2 In eff. days sector2 south south LE/CS Trawl LE/CS Trawl Limited Entry Sablefish Limited Entry Sablefish 2.3 -3.6 3.5 2.2 -3.4 3.3 2.1 3.2 3.1 2005 2010 2005 2010 2015 2020 2015 2020

eff\_days-ind (model 6) north north LE/CS Trawl Limited Entry Sablefish 2.9 -1.9 -2.8 -1.8 -2.7 2.6 -1.7 -2.5 -1.6 2.4 -1.5 In eff. days sector2 south south LE/CS Trawl LE/CS Trawl Limited Entry Sablefish Limited Entry Sablefish 2.10 -3.25 -2.05 -3.00 -2.00 2.75 1.95 -2.50 1.90 -2005 2010 2020 2005 2010 2020 2015 2015

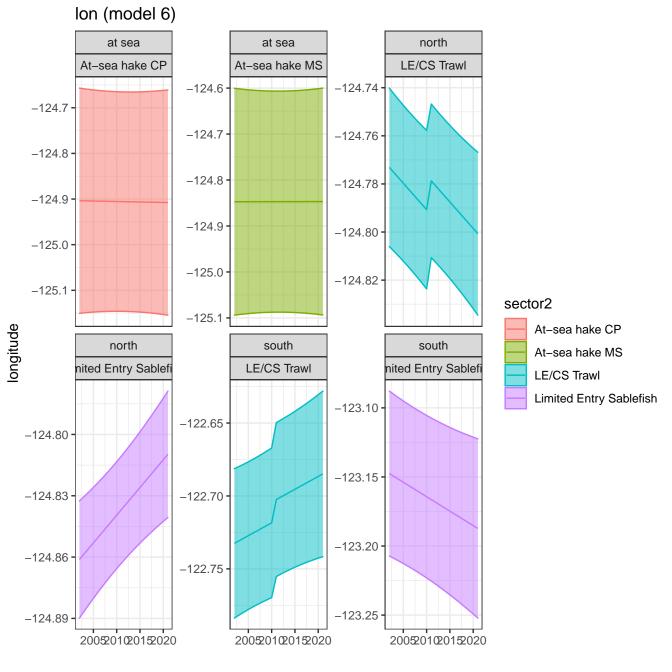
lat (model 6) north at sea at sea At-sea hake CP At-sea hake MS LE/CS Trawl 44.6 -45.5 46.0 -44.4 -45.0 45.5 -44.5 45.0 44.2 44.0 44.5 sector2 44.0 At-sea hake CP latitude north south south At-sea hake MS imited Entry Sablefish imited Entry Sablefish LE/CS Trawl LE/CS Trawl 44.8 38.2 -37.6 -Limited Entry Sablefish 44.7 -37.4 -44.6 -38.0 44.5 -37.2 -37.8 -44.4 -37.0 44.3

2005 2010 2015 2020

2005 2010 2015 2020

2005 2010 2015 2020

lat-ind (model 5) north at sea at sea At-sea hake CP At-sea hake MS LE/CS Trawl 44.75 46.0 45.5 44.50 45.5 45.0 44.25 45.0 44.5 44.00 44.5 44.0 sector2 43.75 44.0 At-sea hake CP latitude north south south At-sea hake MS imited Entry Sablefis LE/CS Trawl imited Entry Sablefis LE/CS Trawl 45.00 Limited Entry Sablefish 38.25 37.75 -44.75 38.00 37.50 37.75 44.50 37.25 37.50 44.25 37.00 2005201020152020 2005201020152020 2005201020152020



Ion-ind (model 6) north at sea at sea At-sea hake CP At-sea hake MS LE/CS Trawl -124.74 **-**-124.6-124.7-124.7-124.76-124.8-124.8 -124.9-124.78-124.9-125.0-124.80 -125.0-125.1-124.82 sector2 -125.1 longitude At-sea hake CP north south south At-sea hake MS nited Entry Sablefi LE/CS Trawl nited Entry Sablefi LE/CS Trawl -123.12-122.64Limited Entry Sablefish -124.80-123.16 --122.68 -124.82-123.20-122.72 -124.84-123.24 **-**-122.76 **-**-124.862005201020152020 2005201020152020 2005201020152020