area_permit_cog (model 4) north at sea LE/CS Trawl At-sea hake -0.7 **-**1.2 --0.8 **-**8.0 -0.9 **-**0.4 -1.0 · 0.0 sector2 In sqrt(inertia) -1.1 At-sea hake north south LE/CS Trawl Limited Entry Sablefish LE/CS Trawl -0.8Limited Entry Sablefish -0.9-1.2 **-**-1.0 --1.4-1.1 -1.6 **-**-1.2 **-**-1.3 **-**2010 2005 2015 2010 2015 2020 2005 2020

area_permit_cog-ind (model 4) north at sea LE/CS Trawl At-sea hake -1.0 **-**1.0 -0.5 --1.1 **-**0.0 --1.2 **-**-0.5 **-**-1.3 **-**-1.0 sector2 In sqrt(inertia) -1.4At-sea hake north south LE/CS Trawl Limited Entry Sablefish LE/CS Trawl Limited Entry Sablefish -1.00 --1.6 **-**-1.25 **-**-1.8 **-**-1.50-2.0 -1.75 2010 2010 2015 2005 2015 2020 2005 2020

haul_dist (model 4) north north south LE/CS Trawl Limited Entry Sablefish LE/CS Trawl 4.40 -4.40 4.3 4.35 -4.35 -4.2 In distance sector2 4.30 LE/CS Trawl Limited Entry Sablefish 4.1 4.25 -4.25 4.0 4.20 -4.20 -2005 2010 2015 2020 2005 2010 2015 2020 2005 2010 2015 2020

haul_dist-ind (model 5) north north south LE/CS Trawl Limited Entry Sablefish LE/CS Trawl 4.35 4.35 -4.3 4.2 4.30 4.30 -In distance sector2 LE/CS Trawl 4.1 Limited Entry Sablefish 4.25 -4.25 4.0 4.20 -3.9 4.20

2005 2010 2015 2020

2005 2010 2015 2020

2005 2010 2015 2020

eff_days (model 4) north at sea LE/CS Trawl At-sea hake 4.00 -4.8 3.75 -3.50 -4.4 3.25 -4.0 3.00 sector2 At-sea hake north south LE/CS Trawl Limited Entry Sablefish LE/CS Trawl Limited Entry Sablefish 1.8 -3.0 -2.5 1.6 2.0 -1.4

2015

2020

2010

1.5 -

2020

2005

In eff. days

1.2

2005

2010

2015

eff_days-ind (model 4) north at sea LE/CS Trawl At-sea hake 4.2 3.00 -3.9 -2.75 -3.6 -2.50 -3.3 2.25 -3.0 2.00 sector2 In eff. days At-sea hake north south LE/CS Trawl Limited Entry Sablefish LE/CS Trawl Limited Entry Sablefish 1.75 -3.0 -2.5 -1.50 -1.25 2.0 -1.5 -1.00 2010 2010 2005 2015 2020 2015 2005 2020