## B Cod Simulation: harp seal scenario V=2 vs V=4 Whale fish eater Whale zooplankton eater Whale squid eater Whale mammal eater Seal harp Seal hooded Seal other Seabird piscivore Seabird planktivore Seabird benthivore Greenland shark Greenland halibut **LoR Simulation** Silver hake and pollock Other piscivorous fish LoR 1 Redfish Arctic cod LoR 10 Other plank-piscivorous fish **Functional Groups** LoR obs American plaice greater than 35cm American plaice less than 35cm LoR<sub>20</sub> Thorny skate LoR 30 Haddock Other large benthivorous fish LoR 40 Yellowtail flounder LoR 50 Witch flounder Other medium benthivorous fish LoR 60 Small benthivorous fish **LoR 70** Herring LoR 80 Sandlance Capelin LoR 90 Other planktivorous fish LoR 100 Squid Shrimp Snow crab Predatory invertebrates Deposit feeding invertebrates Suspension feeding invertebrates Macrozooplankton Large mesozooplankton Small mesozooplankton Microzooplankton Large phytoplankton Small phytoplankton Detritus 0.7 0.8 0.9 1.1 Relative Biomass Change (V2 simulation scaled at 1)