Cod Simulation: F 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 Atlantic cod greater than 35cm **LoR Simulation** Atlantic cod less than 35cm Greenland halibut Sim_1 Other piscivorous fish Sim_2 Redfish **Functional Groups** Arctic cod Sim_3 Other plank-piscivourous fish Sim_4 American plaice greater than 35cm American plaice less than 35cm Sim_5 Thorny skate Sim_6 Other large benthivorous fish Witch flounder Sim_7 Other medium benthivourous fish Sim_8 Small benthivourous fish Sim_9 Herring Sandlance Sim_10 Capelin Sim_11 Other planktivorous fish Squid Sim_12 Shrimp Snow crab Predatory invertebrates Deposit feeding invertebrates Suspension feeding invertebrates Macrozooplankton Large mesozooplankton Small mesozooplankton Microzooplankton Large phytoplankton Small phytoplankton Detritus 0.92 0.96 1.00 1.04

Relative Biomass Change (V2 simulation scaled at 1)