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 Atlantic cod less than 35cm **LoD Simulation** Greenland halibut Other piscivorous fish Sim_1 Redfish Sim 2 **Functional Groups** Arctic cod Other plank-piscivourous fish Sim 3 American plaice greater than 35cm Sim 4 American plaice less than 35cm Sim 5 Thorny skate Other large benthivorous fish Sim 6 Witch flounder Sim 7 Other medium benthivourous fish Small benthivourous fish Sim 8 Herring Sim 9 Sandlance Capelin Sim 10 Other planktivorous fish Sim_11 Squid Shrimp Snow crab Predatory invertebrates Deposit feeding invertebrates Suspension feeding invertebrates Macrozooplankton Large mesozooplankton Small mesozooplankton Microzooplankton Large phytoplankton Small phytoplankton Detritus 0.95 0.85 0.90 1.00 1.05 Relative Biomass Change (V2 simulation scaled at 1)