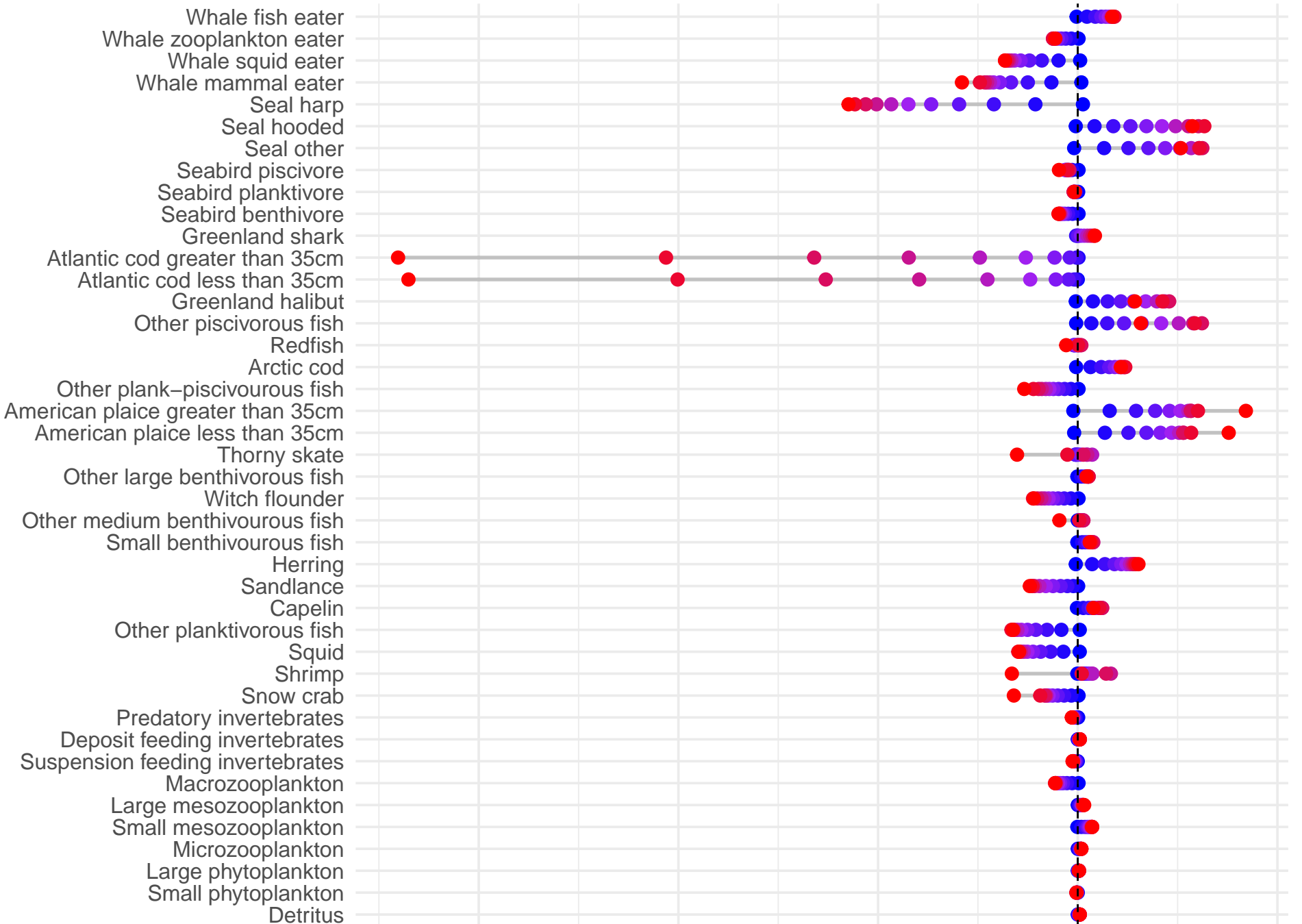Cod Simulation: F scenario V=2 vs V=4