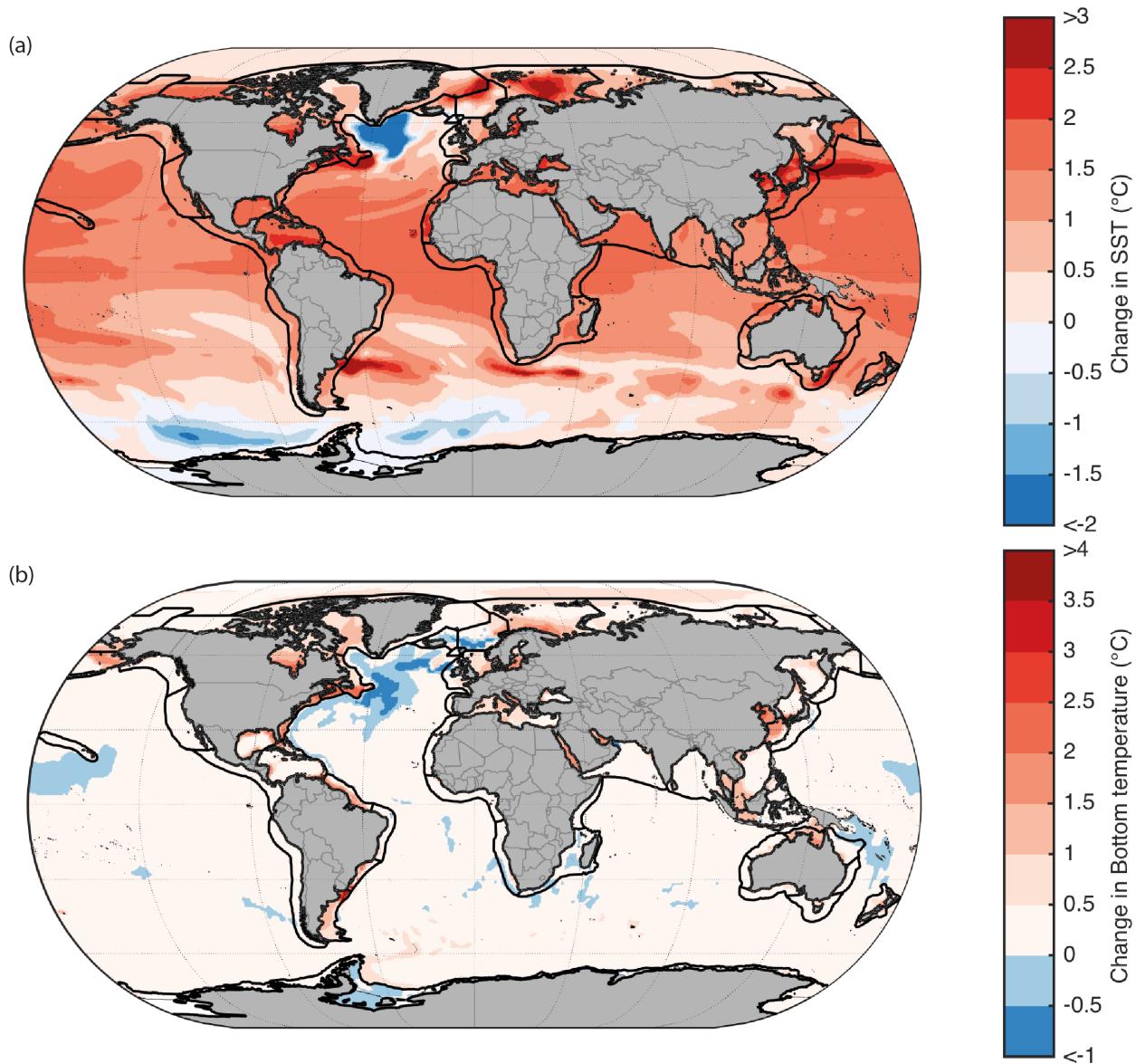
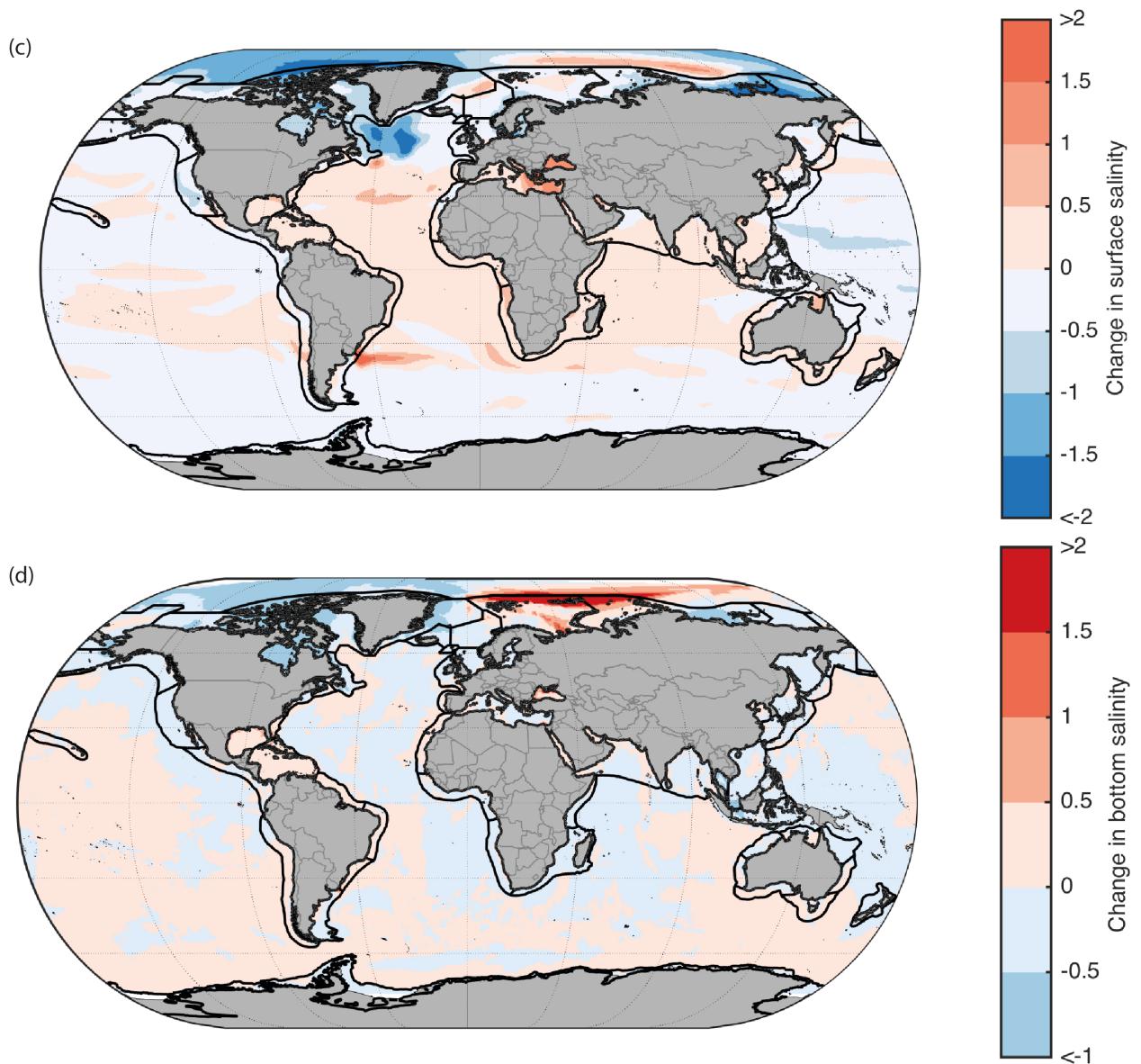
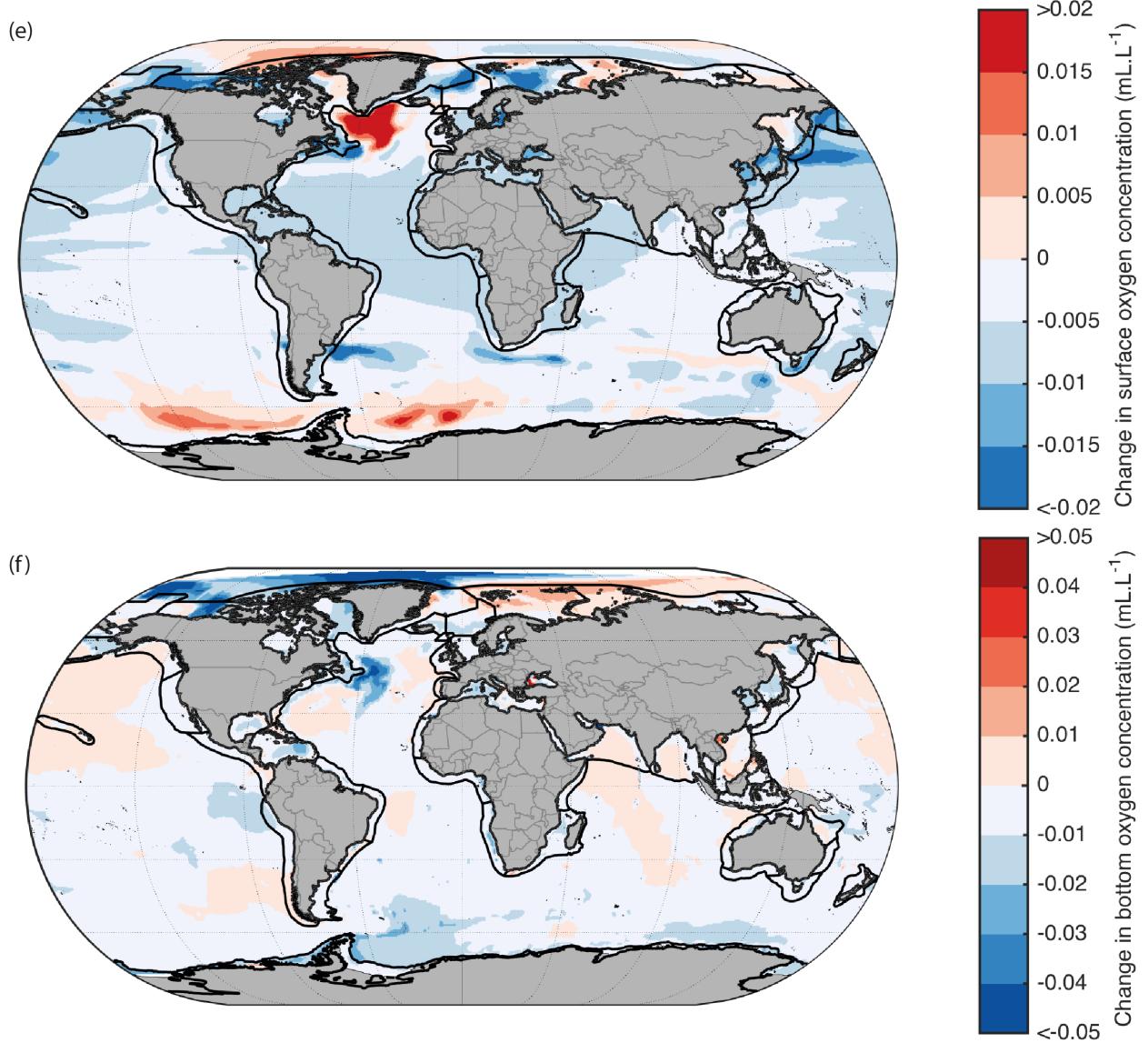


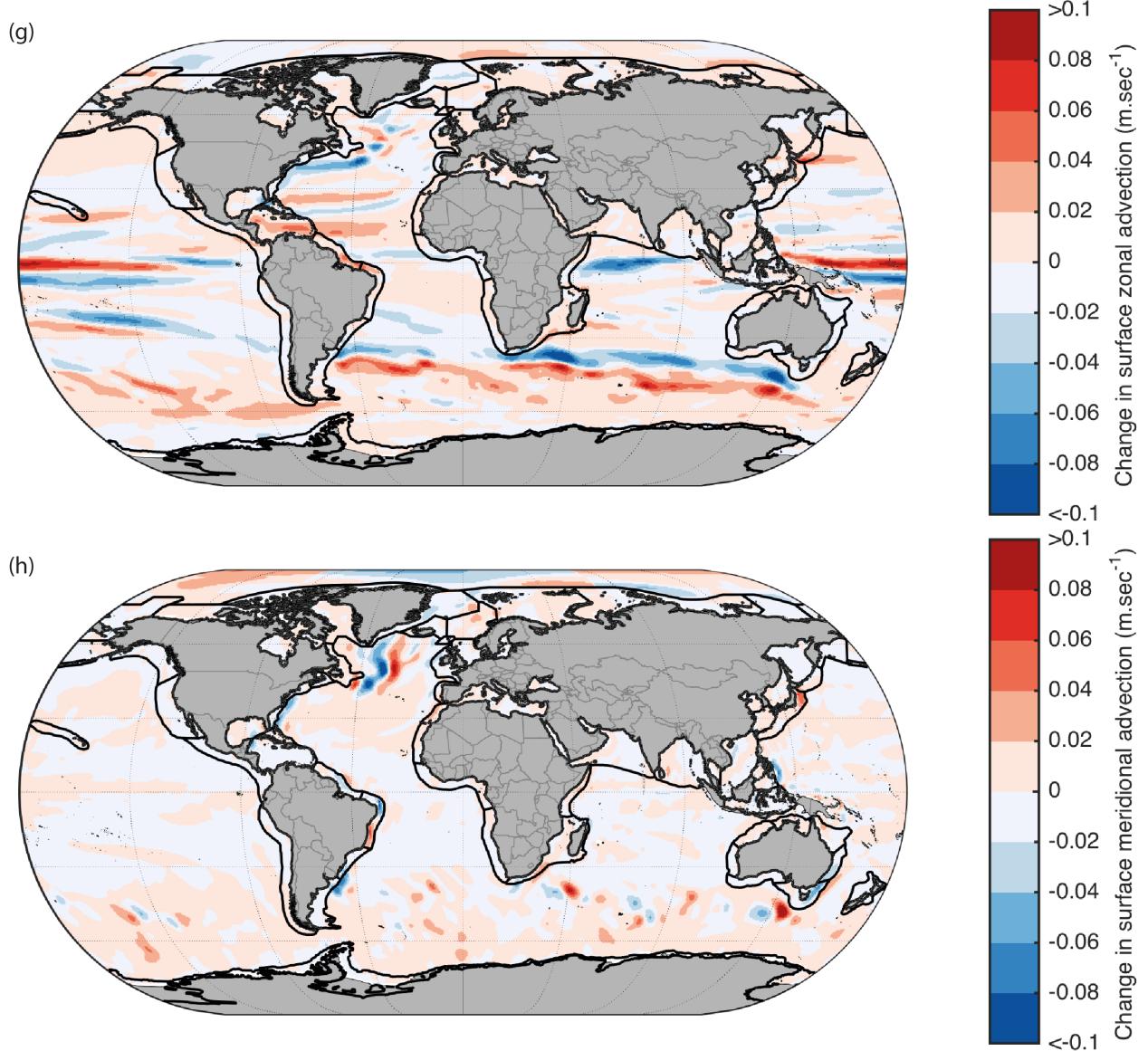
## Supplementary Materials

Changes in (a) Sea Surface Temperature (SST), (b) Sea Bottom Temperature (SBT), (c) surface salinity, (d) bottom salinity, (e) surface oxygen concentration, (f) bottom oxygen concentration, (g) surface zonal advection, (h) surface meridional advection, (i) sea ice extent and (j) net primary production by 2051-2060 relative to 1971-2000 under the RCP 8.5 scenario.

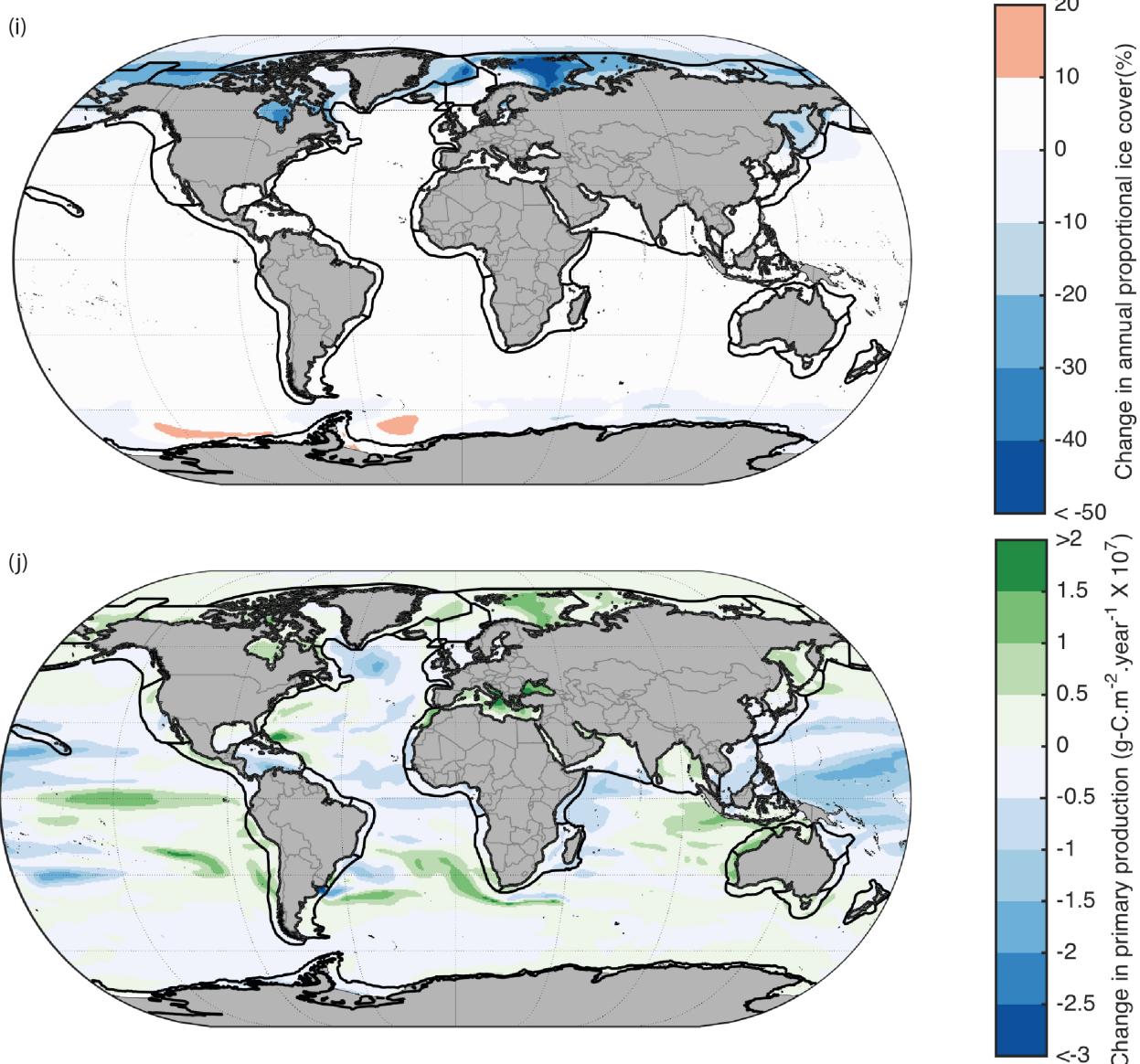




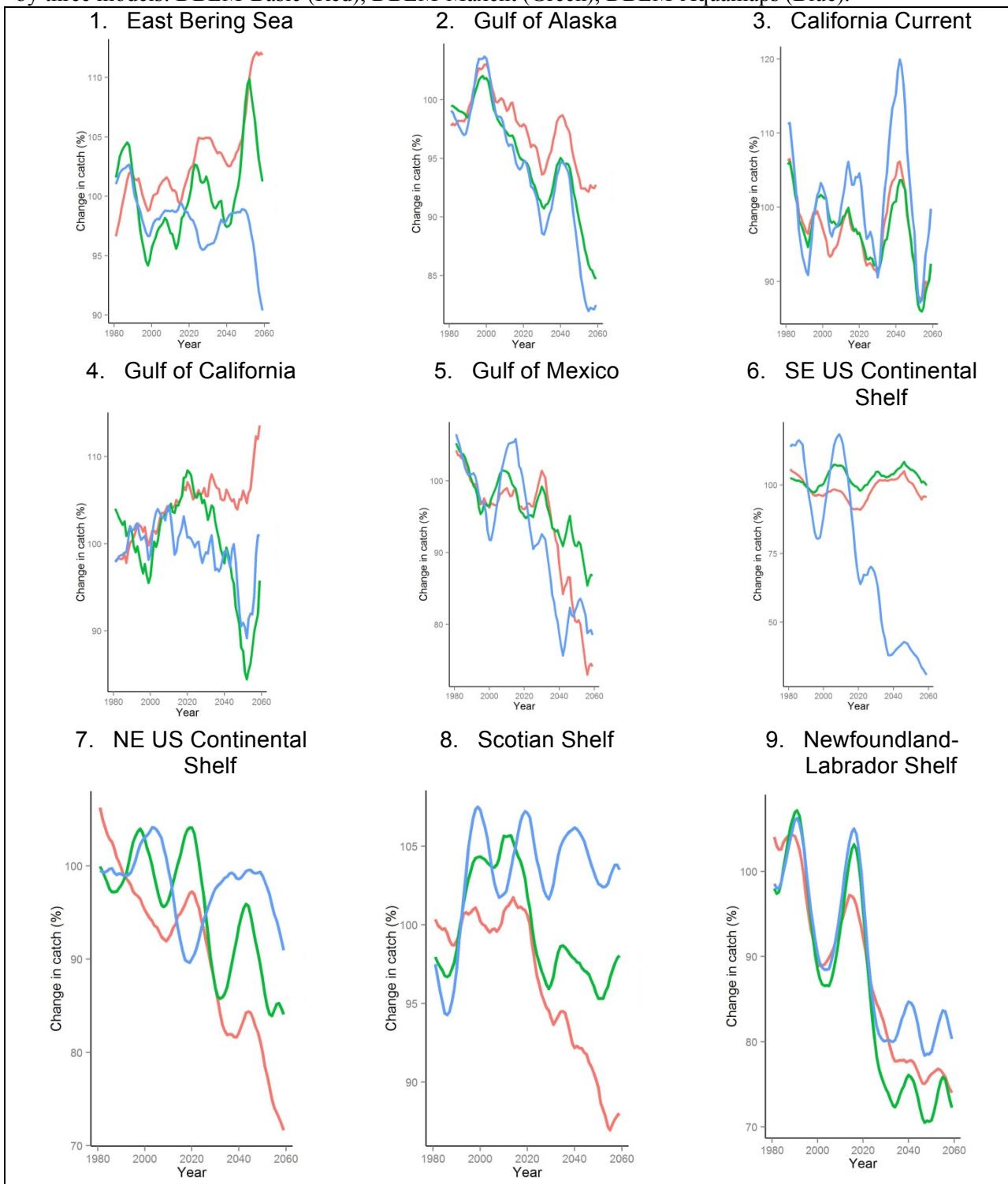


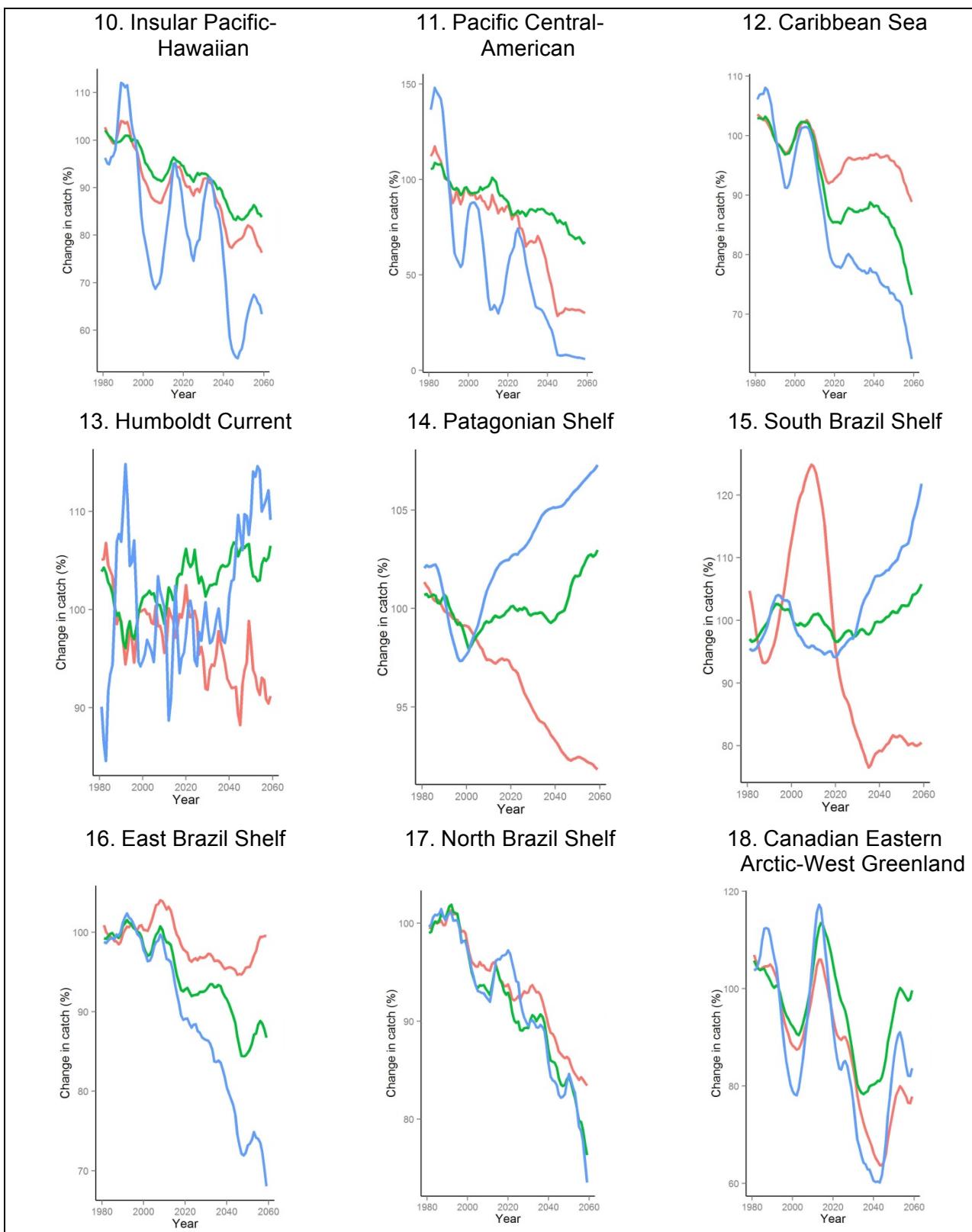


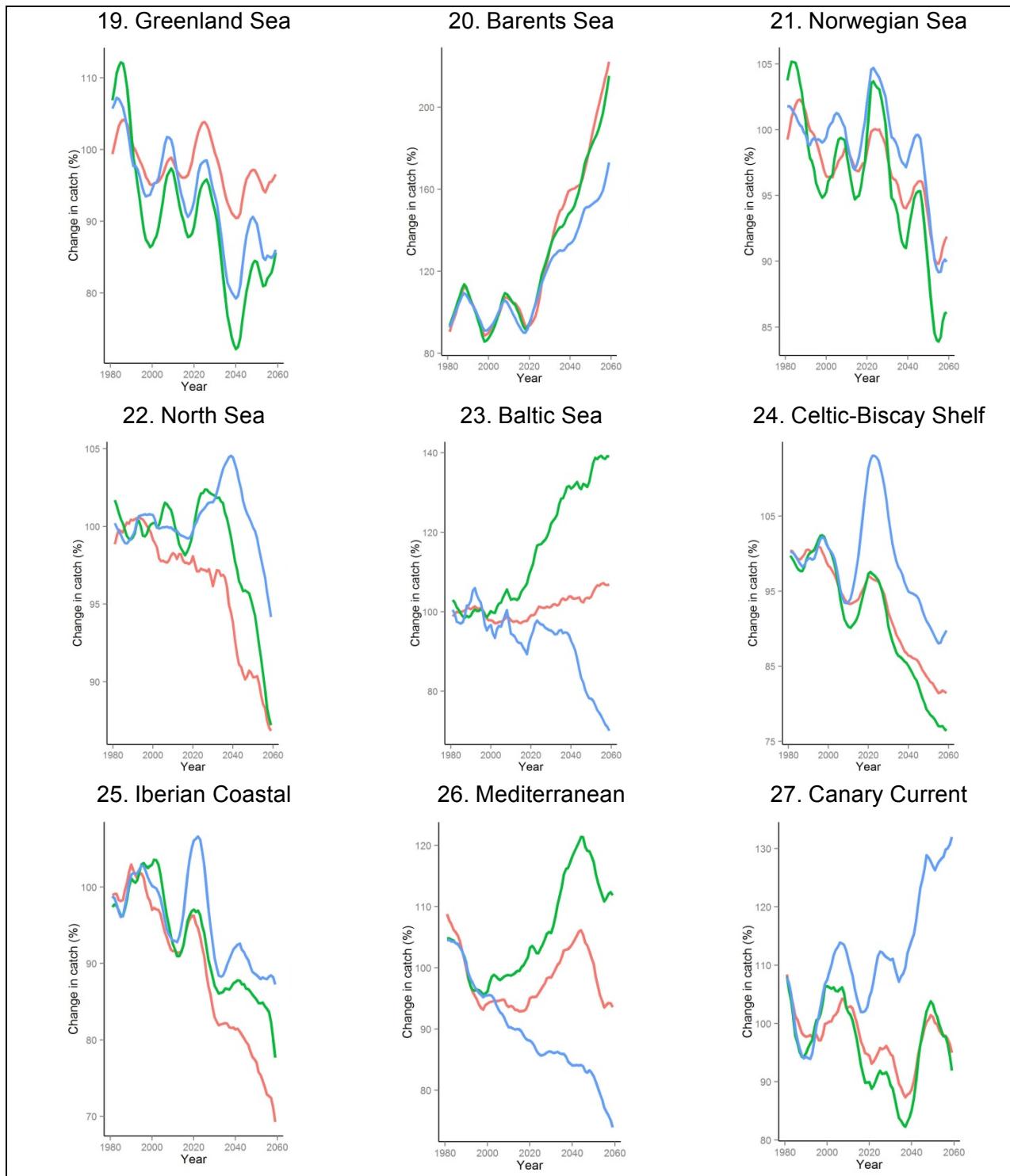
Changes in net primary productivity and sea ice extent by 2051-2060 relative to 1971-2000 under the RCP 8.5 scenario.

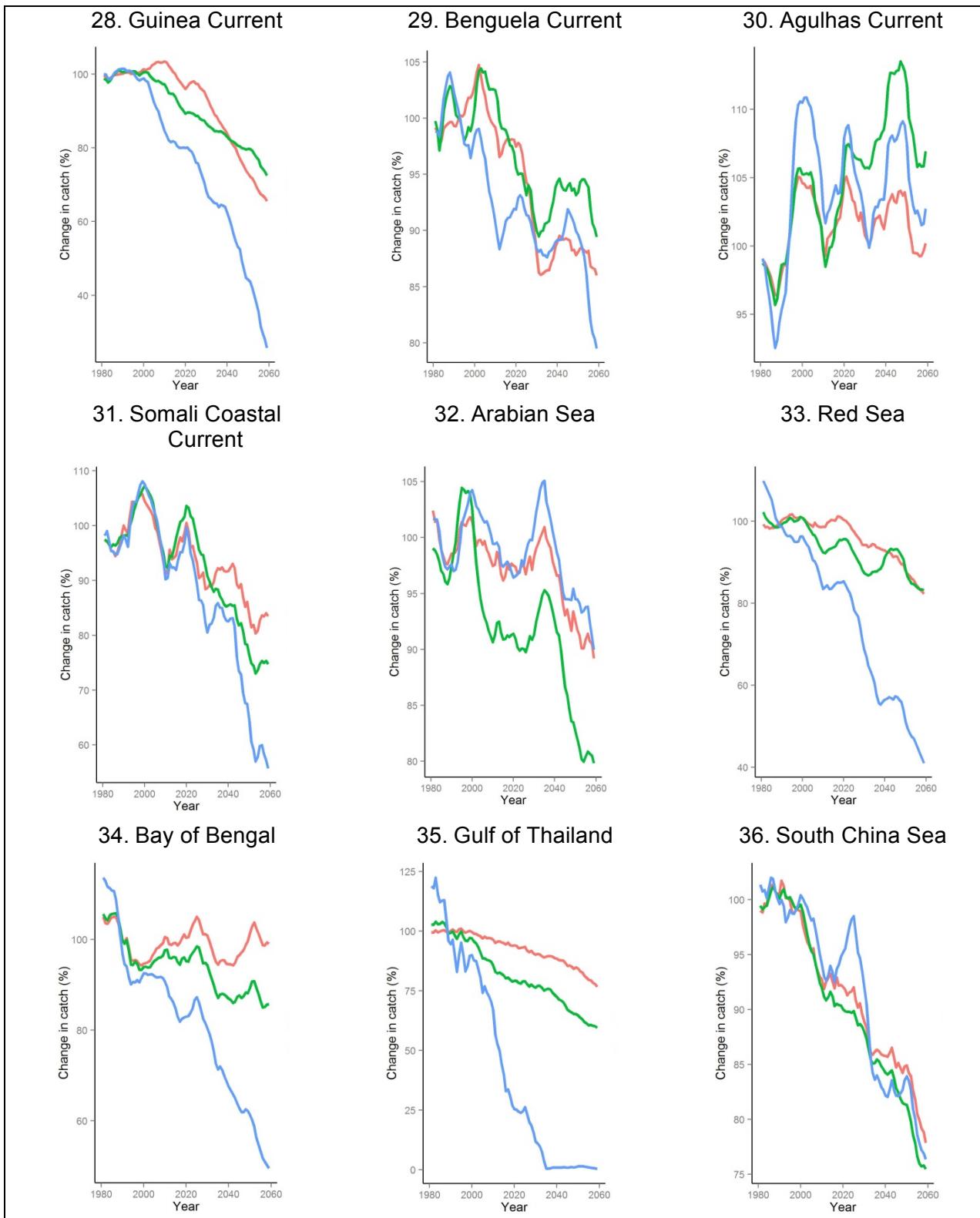


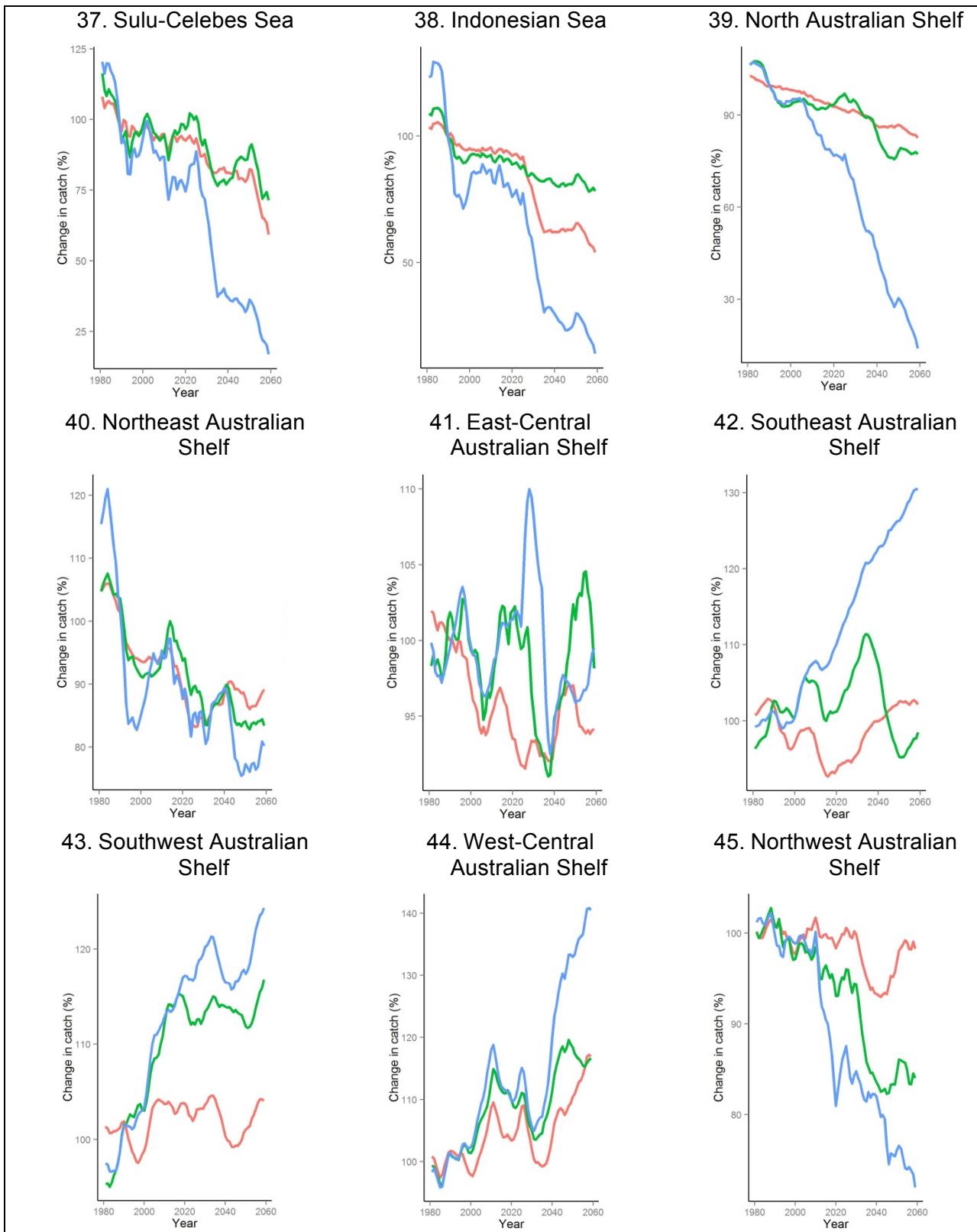
Projected changes in potential catch (% relative to 1971-2000) by large marine ecosystems under RCP 8.5 by three models: DBEM-Basic (Red), DBEM-Maxent (Green), DBEM-Aquamaps (Blue).

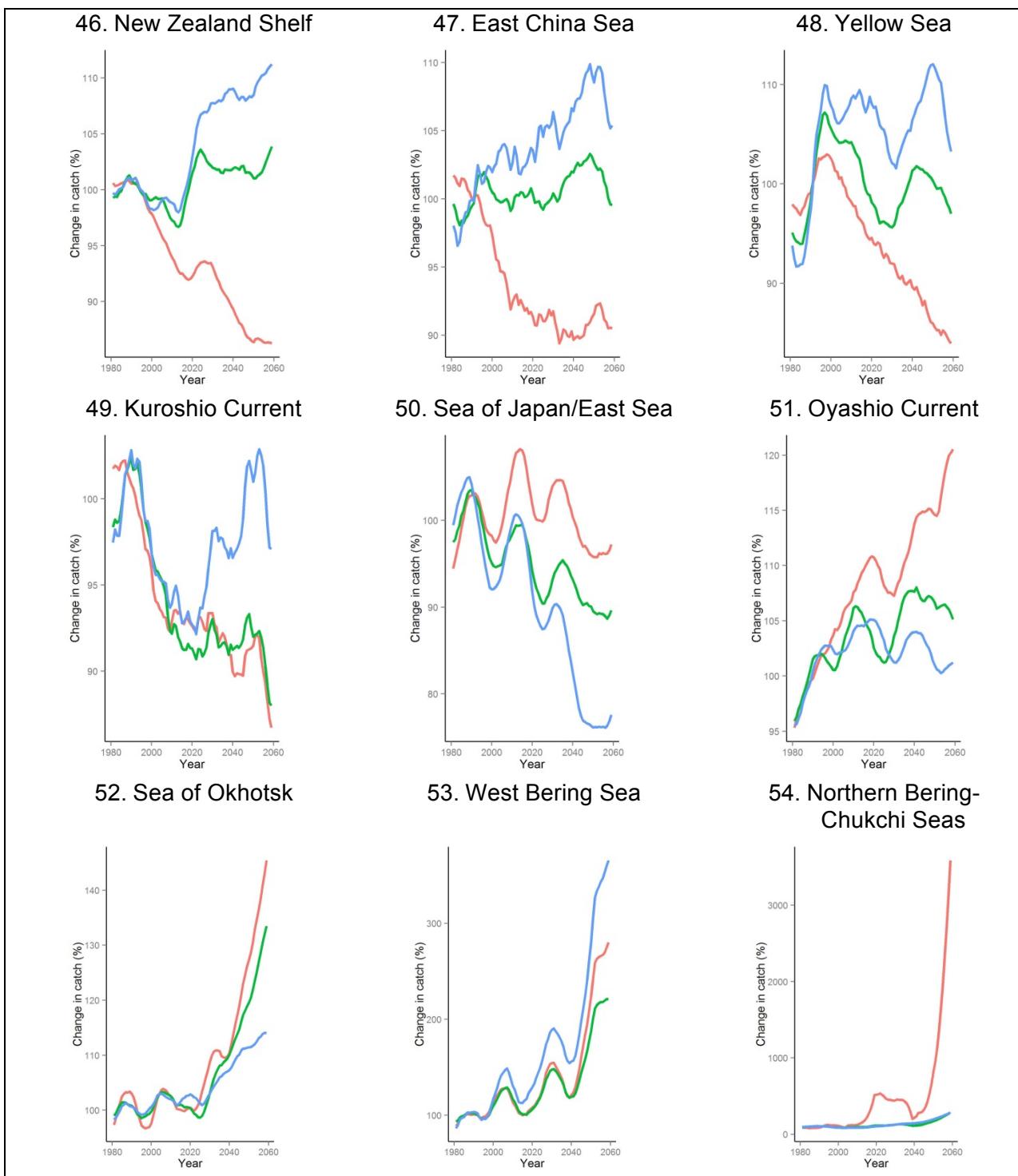


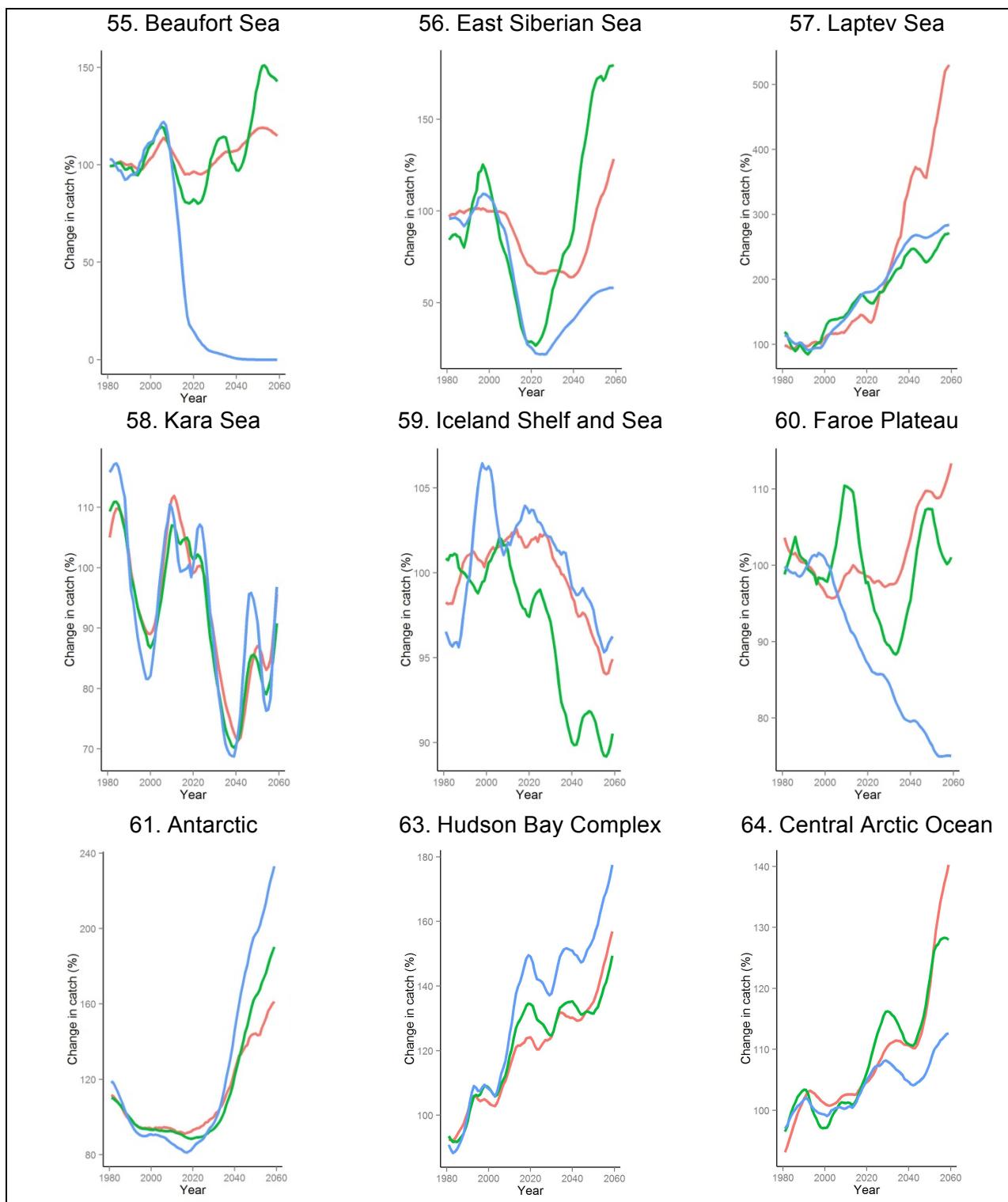




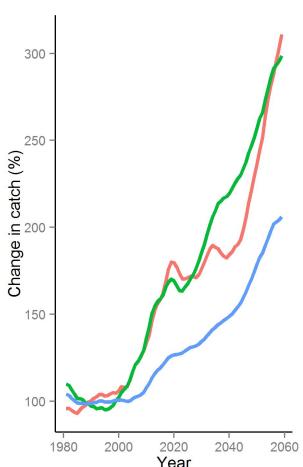








65. Aleutian Islands



66. Canadian High Arctic-North Greenland

