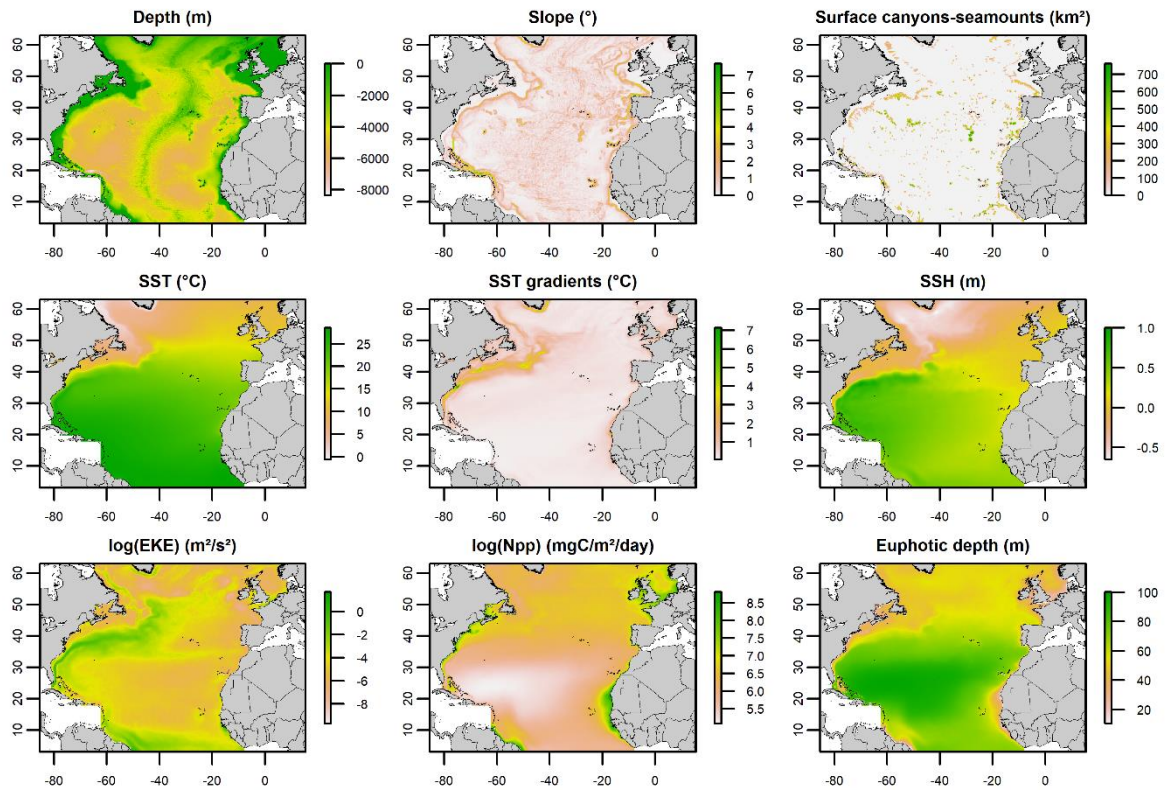
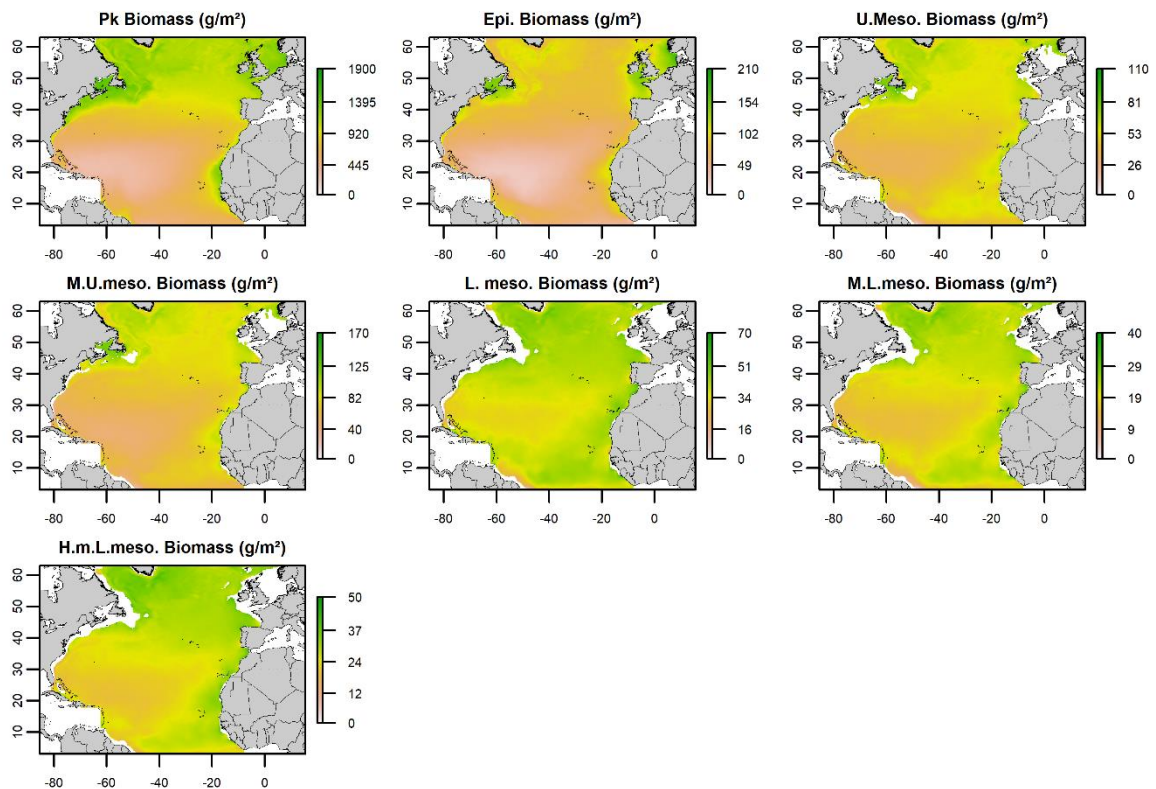


S2 Appendix. Average conditions of the static, oceanographic and SEAPODYM variables over the entire period (from 1998 to 2015). Base map from <https://www.gebco.net/>.

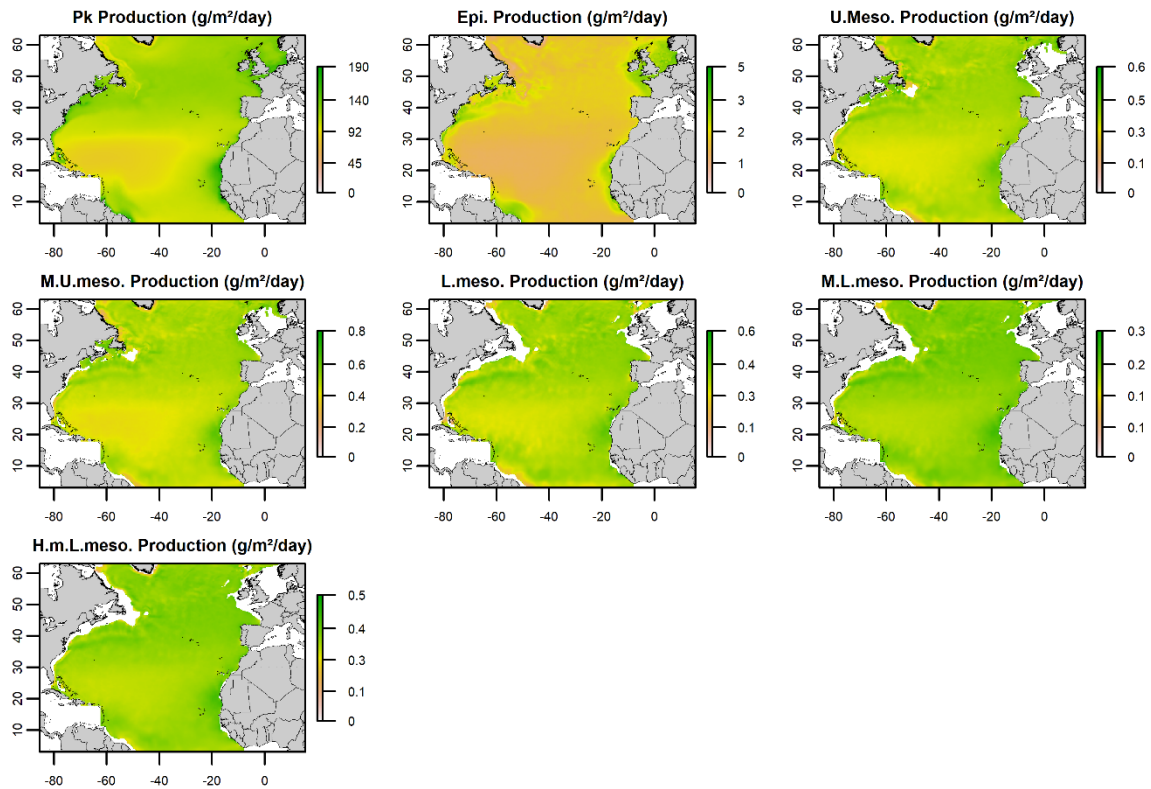


S2.1 Fig. Average conditions of the static and oceanographic variables over the entire period (from 1998 to 2015). SST: sea surface temperature; SSH: sea surface height; EKE: eddy kinetic energy; Npp: net primary production. Base map from <https://www.gebco.net/>.



S2.2 Fig. Average conditions of the biomass SEAPODYM variables over the entire period (from 1998 to 2015). Pk: zooplankton; Epi: epipelagic; U.Meso: upper mesopelagic; M.U.meso: migrant upper

mesopelagic; L.meson: lower mesopelagic; M.L.meso: migrant lower mesopelagic; H.m.L.meso: highly migrant lower mesopelagic. Base map from <https://www.gebco.net/>.



S2.3 Fig. Average conditions of the production SEAPDOYM variables over the entire period (from 1998 to 2015). Pk: zooplankton; Epi: epipelagic; U.Meso: upper mesopelagic; M.U.meso: migrant upper mesopelagic; L.meson: lower mesopelagic; M.L.meso: migrant lower mesopelagic; H.m.L.meso: highly migrant lower mesopelagic. Base map from <https://www.gebco.net/>.