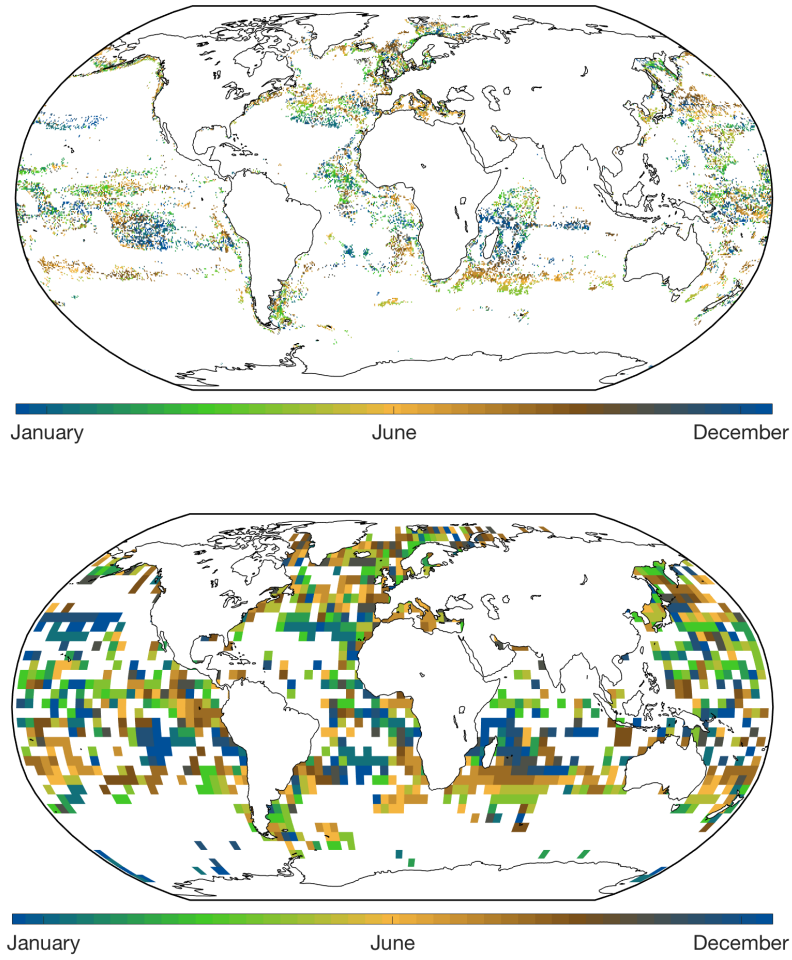
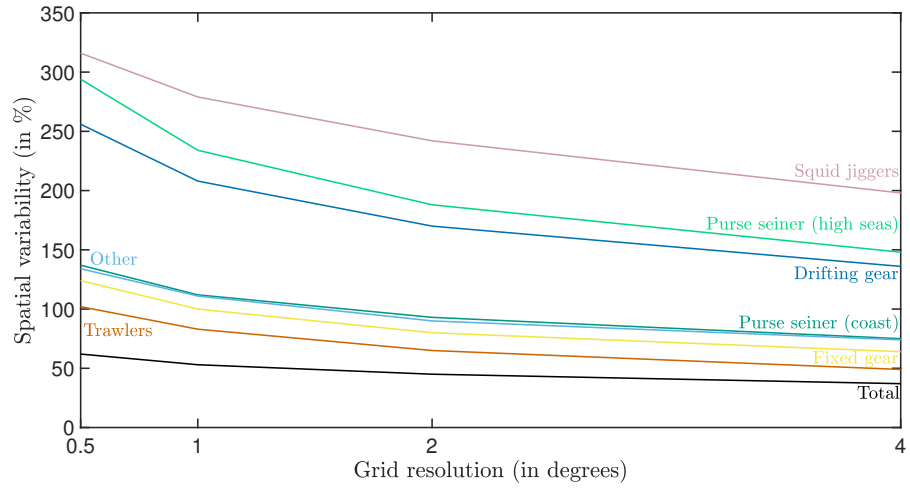


S4 Fig. Effect of grid resolution. (a) Spatial distribution of seasonality indicator SI at different grid resolutions (top 0.5° and bottom 4.0°).



S4 Fig. Effect of grid resolution. (b) Months of the peak of fishing effort in all grid cells where a seasonal cycle is clearly identified for different grid resolutions (top 0.5° and bottom 4.0°).



S4 Fig. Effect of grid resolution. (c) Mean local standard deviation $\overline{sd(e_g^{i,j}/\bar{e}_g^{i,j})}$ computed when effort is binned on different grid resolutions.