Supporting Information. Quantifying the impact of habitat modifications on species behavior and mortality: A case study of tropical tuna. Amaël Dupaix, Laurent Dagorn, Jean-Louis Deneubourg, & Manuela Capello. Ecological Applications.

Appendix S4: Prediction maps of $\overline{\text{CAT}}$ and P_a based on FOB and LOG densities
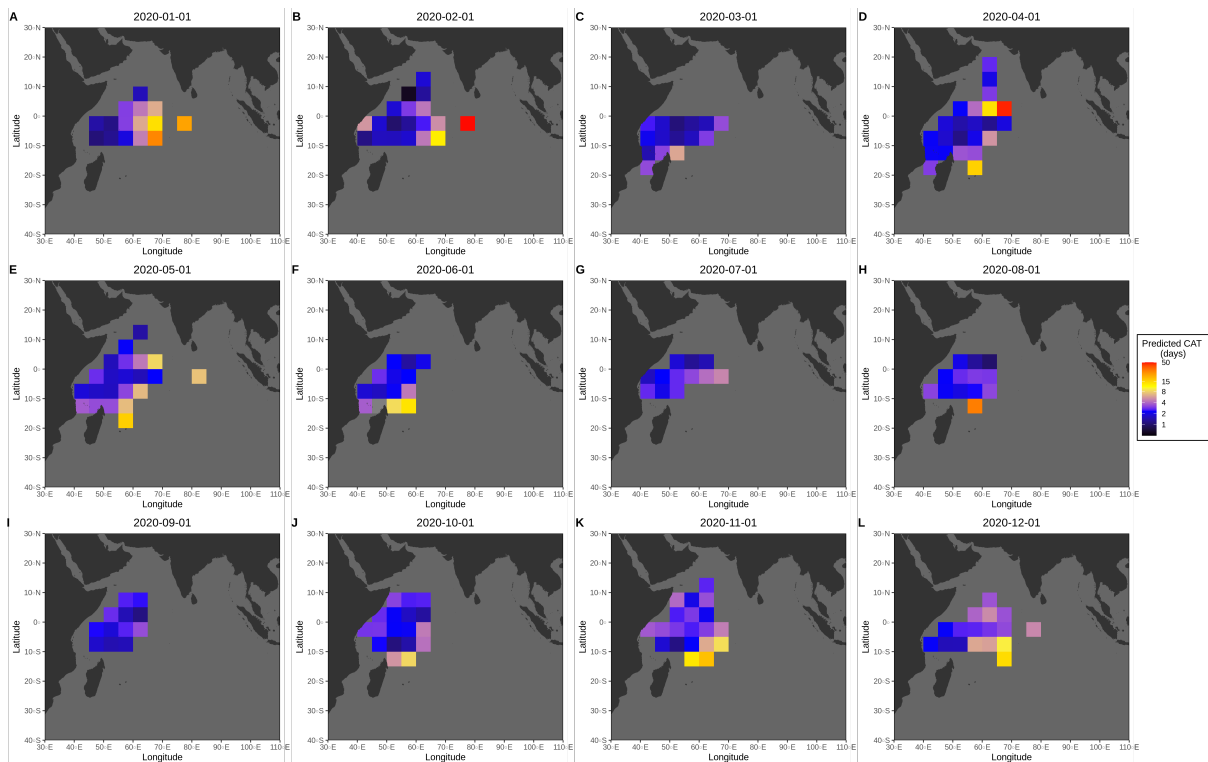

Figure S1. Mean monthly $\overline{\text{CAT}}$ of individual YFT (in days), predicted on densities of all floating objects (FOB), per 5° cells in the western Indian Ocean in 2020. The color scale is log transformed. $\overline{\text{CAT}}$ longer than 50 days were not represented.
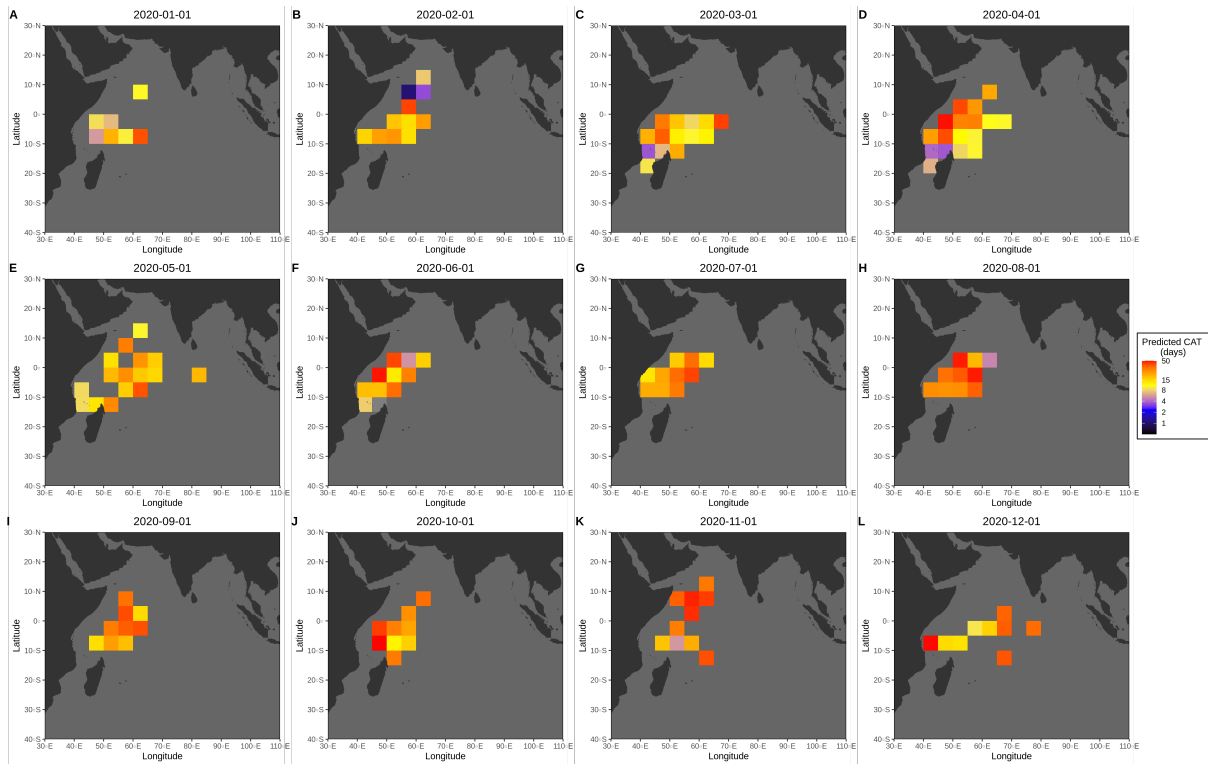
Figure S2. Mean monthly $\overline{\mathrm{CAT}}$ of individual YFT (in days), predicted on densities of LOGs only, per 5° cells in the western Indian Ocean in 2020. The color scale is log transformed. $\overline{\mathrm{CAT}}$ longer than 50 days were not represented.
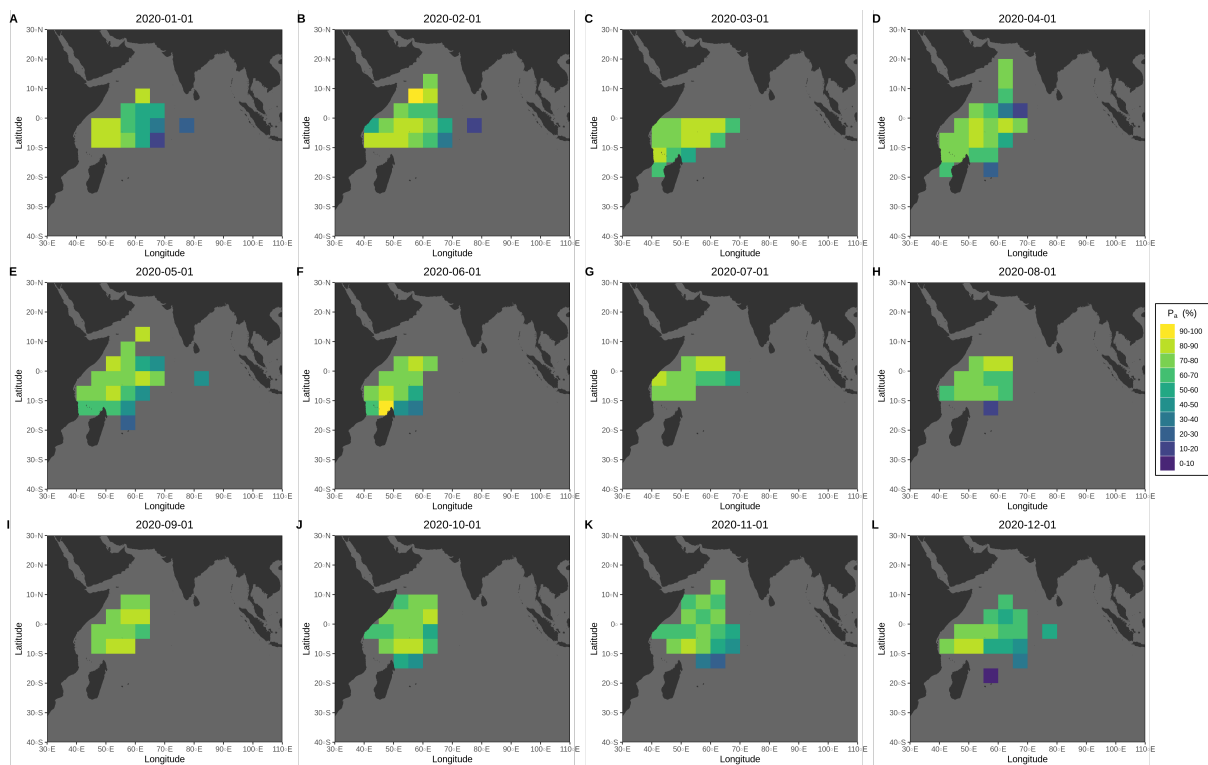

Figure S3. Mean monthly P_a of individual YFT (in days), predicted on densities of all floating objects (FOB), per 5° cells in the western Indian Ocean in 2020.
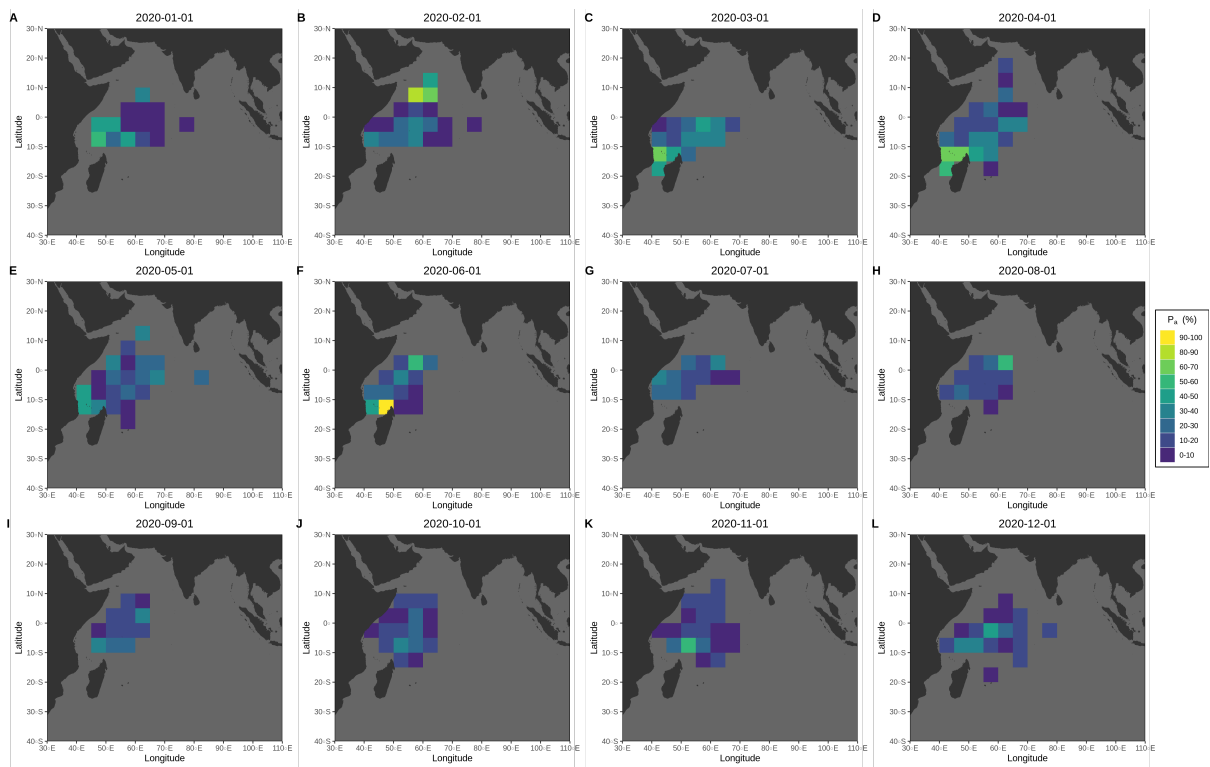
Figure S4. Mean monthly P_a of individual YFT (in days), predicted on densities of LOGs only, per 5° cells in the western Indian Ocean in 2020.