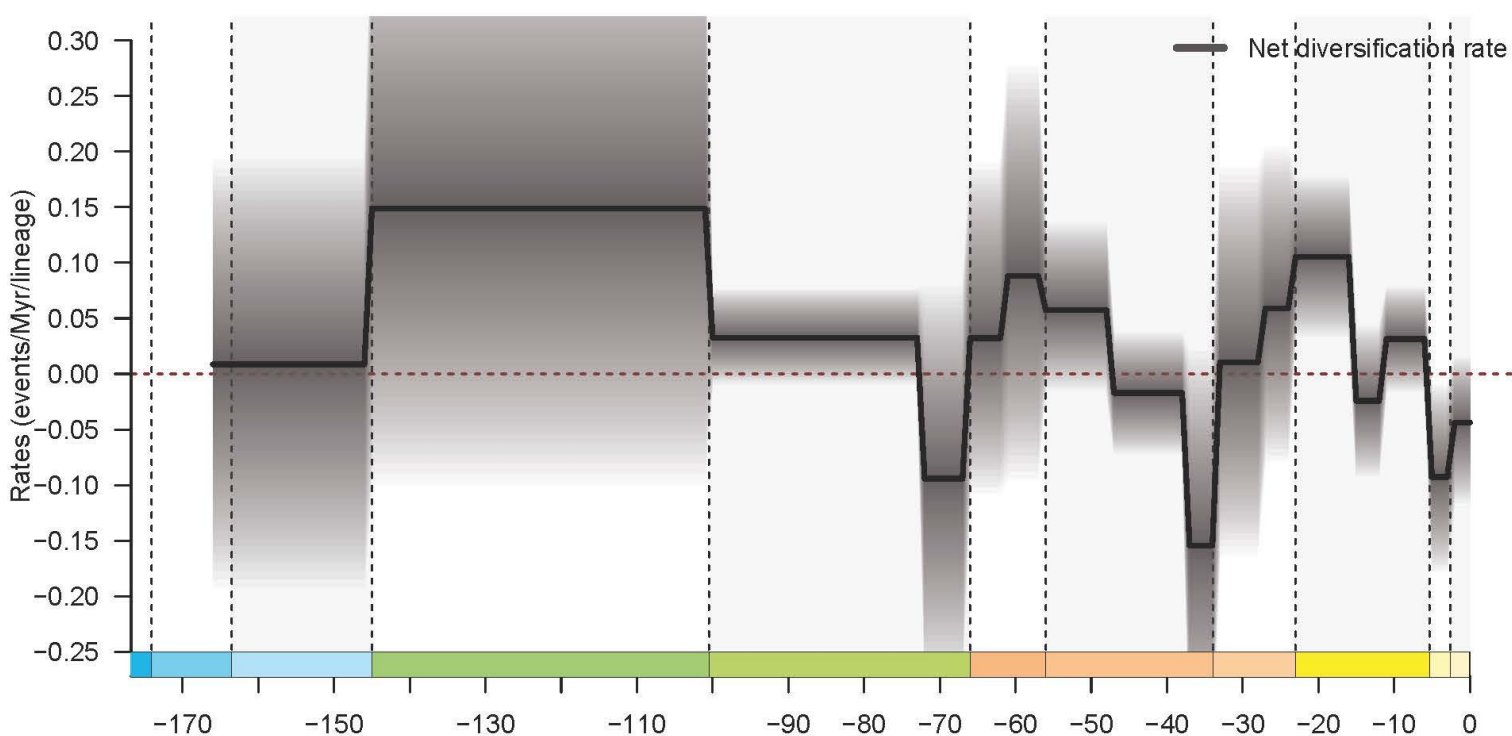
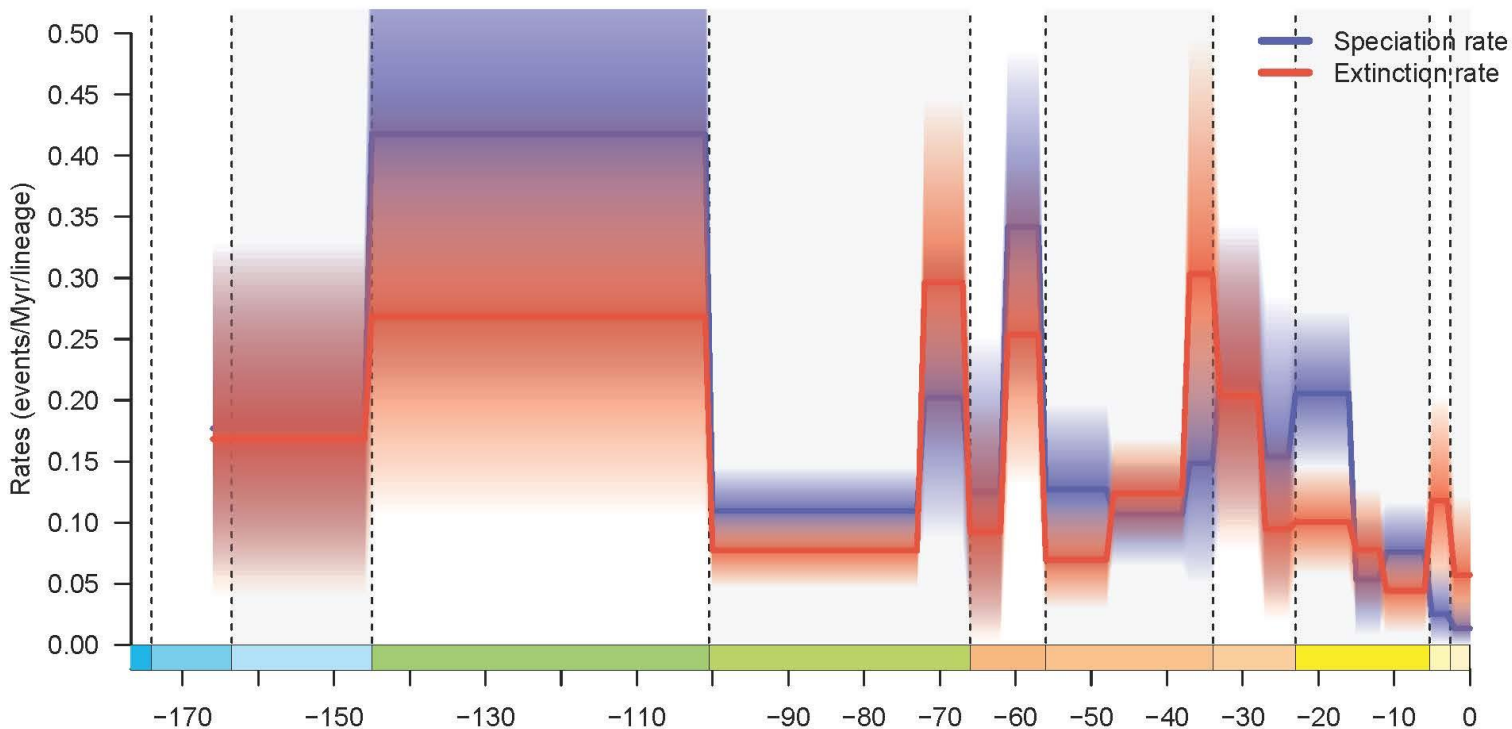




Supplementary Data S13. Diversification dynamics of Carcharhiniformes estimated with the fossil dataset only and geological epochs (and stages in the Cenozoic). Inferences of speciation (blue) and extinction (red) rates with analyses at the species level under the birth–death model with constrained shifts. The net diversification rates (black) are the difference between speciation and extinction rates (rates below 0 indicate declining diversity). Solid lines indicate mean posterior rates and the shaded areas show 95% HPD. The results show negative net diversification rates that lead to a diversity decline for the group at the Cretaceous–Paleogene and Eocene–Oligocene boundaries, and also in the mid-Miocene and the last 5 million years.