



fig. A2: Spline interpolated seawater  $\delta^{13}\text{C}_{\text{DIC}}$  (purple line) and  $\text{CO}_3^{2-}$  (light blue line) for the Mozambique Channel. For comparison, means values of  $\delta^{13}\text{C}_{\text{CC}}$  for *G. ruber*, *N. dutertrei*, *P. obliquiloculata* and *G. scitula* for eddy (red) and non-eddy (blue) are plotted. Horizontal scale in middle indicates standard deviation. Data is plotted for the upper 500 m only.