



S4 Fig. Response curves and partial coefficients from the generalized additive mixed model including swimming phase, time of day, and water temperature. (a-b) Estimated response curves (black solid line) of component smooth functions on overall dynamic body acceleration (ODBA). Shaded areas represent 95% confidence limits of uncertainty in the centered smooth. Vertical axes are partial responses (estimated, centered smooth functions) on the scale of the linear predictor. Ticks on x-axis denote values for which there are data. Positive values on y-axis (above red dashed line) indicate increased ODBA by sixgill sharks. (c) Estimated partial coefficients for the parametric term swimming phase on ODBA from the best-fit model. Base level of ascent is centered and dashed lines represent 95% confidence limits.