



Figure S2. Time at depth distribution by 6 hours and by quarter (ordered chronologically, i.e. from July year  $n$  to June year  $n+1$ ) in the epipelagic (white) and mesopelagic (black) layers of the 9 porbeagles tagged in the Bay of Biscay in June-July 2011 (#1-4) and June 2013 (#5-9). The time at depth in the epipelagic layers are segmented to show (from top to down) distribution between 0-10, 10-50 and 50-200m layers in 2011 and between 0-5, 5-50 and 50-200m layers in 2013. Night (black strips) and daylight (lines) period at the mid-term positions (or at the half of quarterly deployment period if less than a quarter) are displayed below each quarterly time at depth distribution for 24-hour period from 0 or 2, depending on tag setting.