

Figure S2: Median flipper beat of the different dive phases. Turtle #1: A) Dive type 1. B) Dive type 2. C) Dive type 3. D) Dive type 4. Turtle #2: E) Dive type 1. F) Dive type 2. G) Dive type 3. H) Dive type 4. Middle line in box represents the median, lower box bounds the first quartile, upper box bounds the third quartile, whiskers are 1.5 times the interquartile range, + are outliers. n.s is no significant difference. *significant where $p < 0.05$, ** significant where $p < 0.01$, and *** significant where $p < 0.001$ based on a Mann-Whitney test.

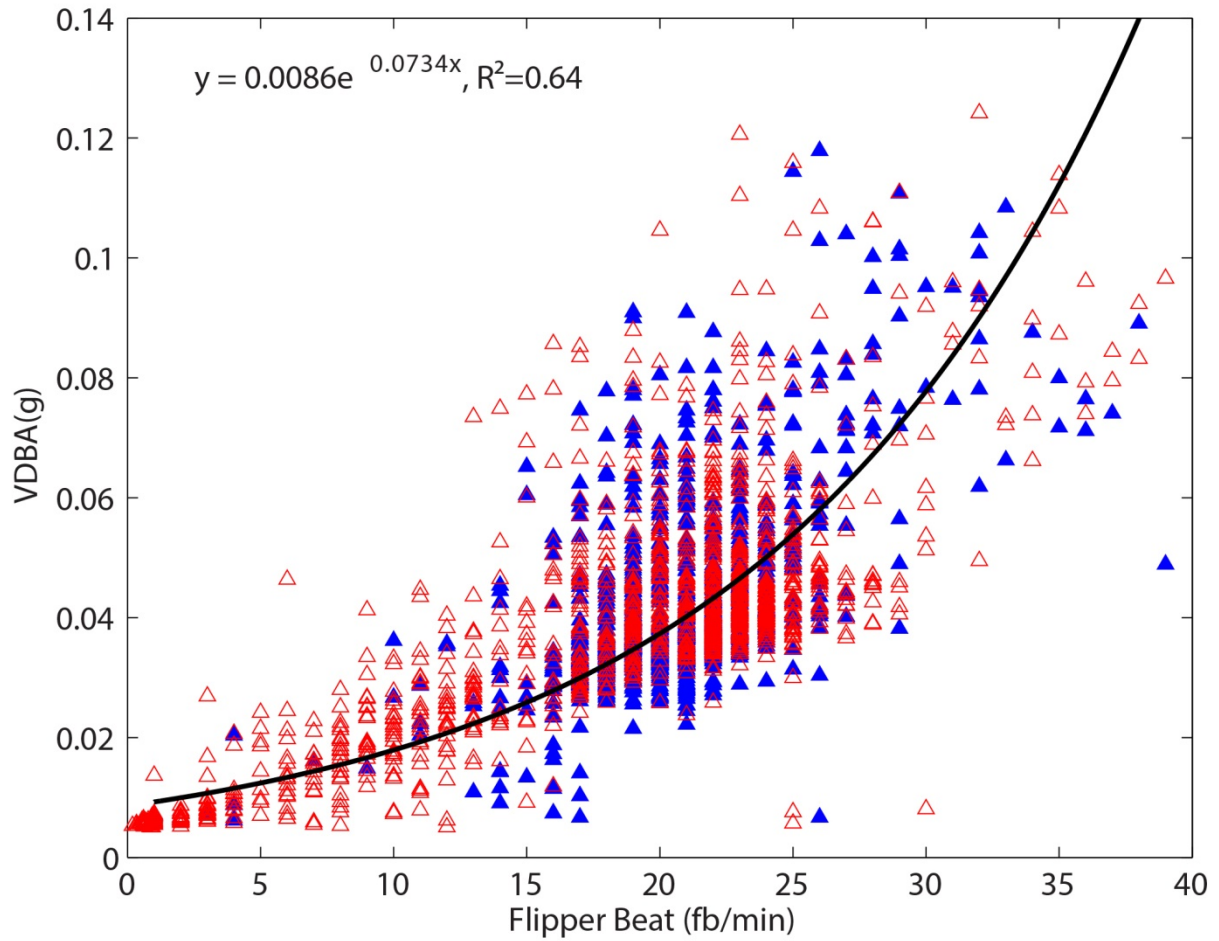


Figure S3: Instantaneous VDBA in (g) plotted against flipper beat/min using all data from the two turtles (Blue: Turtle #1, Red: Turtle #2).