Description for dataset crab

Author: Bengt J. Allen

Reference: Allen, Bengt J, Rodgers, Brooke, Tuan, Yuhao, Levinton, Jeffrey S. (2012). Size-dependent temperature and desiccation constraints on performance capacity: Implications for sexual selection in a fiddler crab. *Journal of Experimental Marine Biology and Ecology*, 438, 93–99. https://doi.org/10.1016/j.jembe.2012.09.009

They measured the body temperature of small and large sized crabs exposed to different environments of various moisture. Their goal was to understand how crabs select body temperature and locomotor performance based on the sand they inhabit.

sand: sediment hydration state - wet or dry

size: small crabs (carapace width = 16.79 ± 1.05 mm; mean \pm SD) and large crabs (carapace width= 21.24 ± 0.77 mm)

tb - body temperature in °C of different sized crabs