

This dataset consists of two spreadsheets, which provide data on the sociability of wild-caught and lab-reared F2-generation sticklebacks exposed to different thermal environments (Pilakouta et al. 2022 *Global Change Biology*). Each line represents one sociability trial.

Wild

populationpair = allopatric or sympatric populations depending on whether they are found in geographically isolated water bodies or part of the same water body, respectively

population = population name

HabitatTemp = thermal habitat at population of origin (warm or cold)

Temp = acclimation temperature and temperature at which the sociability trial was done

ID = individual ID

trial = trial number (1 or 2) indicates whether this was the first or second time that individual was tested at that particular temperature

sociability = mean distance (cm) of the focal individual from the stimulus shoal over the 30-min trial

F2

population = population name followed by rearing temperature in °C (e.g. SKRC 12)

HabitatTemp = thermal habitat at population of origin (warm or cold)

Temp = rearing temperature and temperature at which the sociability trial was done

E.U = experimental unit, denoting which holding tank the focal fish came from

EU.ID = individual ID within the experimental unit

ID = individual ID for whole experiment

Trial = trial number (1 or 2) indicates whether this was the first or second time that individual was used as a focal fish in a sociability trial

Sociability = mean distance (cm) of the focal individual from the stimulus shoal over the 30-min trial