**Files**

The package includes a data file collected during the experiments performed on Trinidadian guppies *Poecilia reticulata* captured in 6 populations of Trinidad evolving in contrasted predation and parasitism evolutionary regimes. Fish were then kept and bred in captivity at McGill University, Montréal.

**Definitions of column headings, codes (including missing data) and measurement units**

The tabular is a txt file including 14 columns. Missing data are indicated by a dot.

**Generation**: fish generation (wild-caught F0 or lab-raised F2)

**Focalfish**: fish identification number

**Test**: test number (each individual was tested twice)

**Predation**: predation regime (HP High Predation, LP Low Predation)

**Parasitism**: parasitism regime (G: with Gyrodactylus present in the wild, NG: with no Gyrodactylus present)

**Parent\_status**: infection status of the F1 parents (I: infected, H: healthy or non-infected)

**Sex**: male or female

**SSside**: side of the stimulus shoal during the shoaling test (L: left, R: right)

**Size** (cm): size of the focal fish

**Meanmass** (g): mean mass of the focal fish (mean before/after the behavioral tests)

**Shoaling** (s): time spent near the stimulus shoal

**Activity**: number of zones changes

**Boldness** (s): maximum time (300 s) minus the latency to leave the shelter

**Timeswimming** (ms): time spent swimming in ms

**Contact**

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