ReadMe file for the ms “Multidimensionality in host manipulation mimicked by serotonin injection “ by Perrot-Minnot et al.

The file “all data\_PRSL PM et al” contains all the data in several excel spreadsheets :

* Behav\_Gfoss inf: behavioral traits measured in *G. fossarum*, infected and uninfected,
* Behav\_Gpul inf: behavioral traits measured in *G.pulex*, infected and uninfected,
* Behav\_Gpul 5HT: behavioral traits measured in uninfected *G.pulex*, injected with 5HT, injected with Ringer (saline vehicule solution), and not injected.

Column headings:

* Gammarus species: *G. fossarum* or *G. pulex*
* Individual : individual label
* Status: laevis (= infected with *P. laevis*), ctrl (= uninfected), 5HT (= injected with 5HT), ringer (= injected with saline solution),
* parasite load: for infected gammarids, the number of cystacanths per individual gammarid,
* behavior and behavioral score: behavioral score for phototaxis, geotaxis, activity, aggregation, refuge use.
* Metab rate\_Gfoss inf: metabolic rate in *G. fossarum* (infected and uninfected)
* Metab rate\_Gpul inf: metabolic rate in *G.pulex* (infected and uninfected)
* Metab rate\_Gpul 5HT: metabolic rate in uninfected *G.pulex*, injected with 5HT, injected with Ringer (saline vehicule solution), and not injected.

Column headings:

* Status: same as above
* Weight : individual fresh weight in mg,
* Respiration rate : oxygen consumption rate in mg.O2 per minute (respiration rate is expressed in µg/min prior to log10 tranformation).
* Effect size Cliff delta

Effect size calculated for each phenotypic trait, and experiment (*G.fossarum* infected with *P. laevis*, *G. pulex* infected with *P. laevis*, and *G. pulex* injected with 5HT).

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