a

Behavioral variation, mean ± s.e.

Type X   Type Y   Mixed

(P1) Mixed colonies have more pronounced DOL

b

Specialization, mean ± s.e.

Type X   Type Y   Mixed

c

Task 1 performance, mean ± s.e.

Type X   Type Y   Mixed
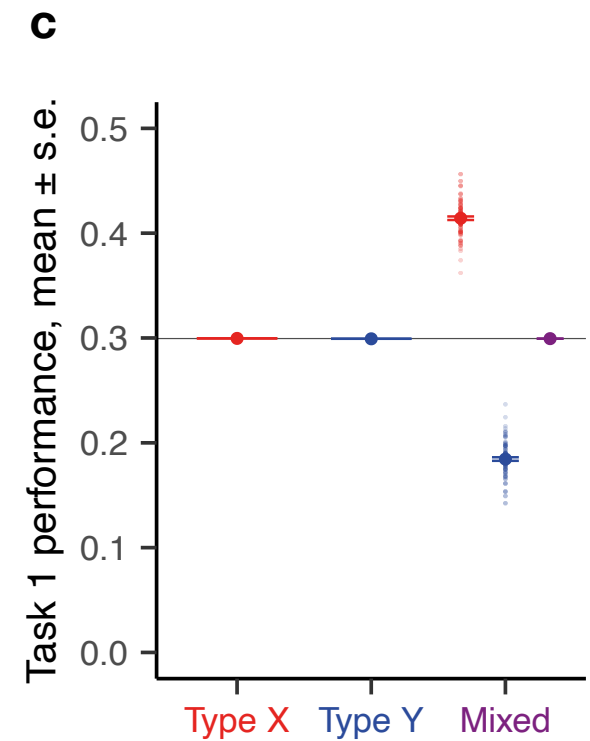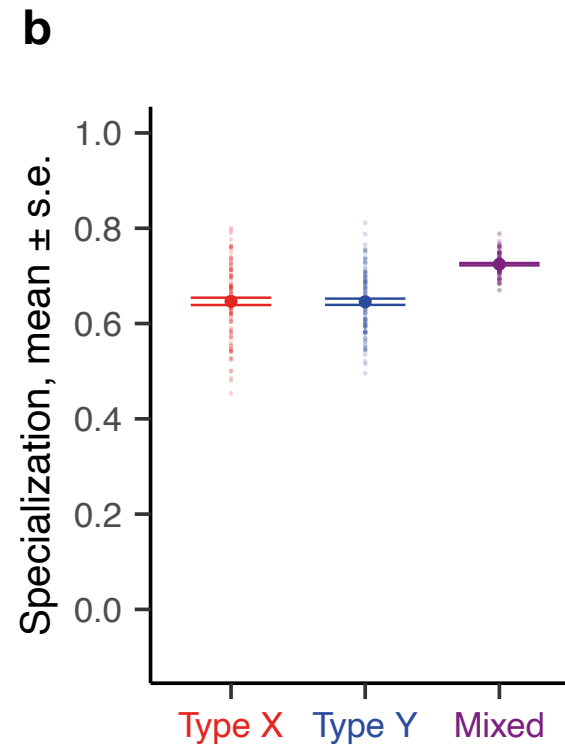
(P2) All colonies have the same mean behavior

(P3) Mixed colonies show behavioral amplification