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Host acceptance and sex allocation of *Nasonia* wasps in response to conspecifics and heterospecifics

Ivens, A. B. F.; Shuker, D. M.; Beukeboom, L. W.; Pen, I.

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Figures

Figure S1 Sex ratios of *N. vitripennis* (blue) and *N. longicornis* (red) females parasitizing under simultaneous (a) or sequential (b) oviposition after/with conspecifics (open circles, dotted curve) or heterospecifics (solid circles, solid curve), as a function of the relative brood size of the co-foundress (c_1/c_2). Colored curves represent fitted logistic curves, the black lines the sex ratio as predicted by the model of Shuker *et al.* (2005), who showed that the predicted proportion of sons x^* of the second female in a haplodiploid species, assuming a 100% rate of superparasitism, is

$$\text{given by } x^* = \begin{cases} \frac{3}{28}(1+c_1/c_2) & \text{if } c_1/c_2 < 25/3 \\ 1 & \text{otherwise} \end{cases} \quad (1)$$

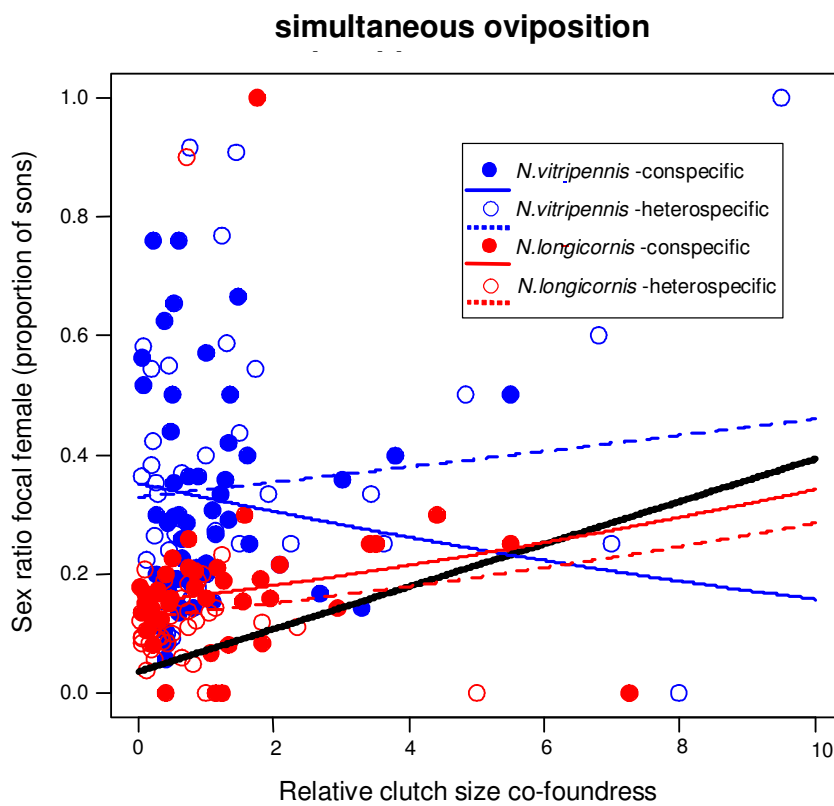


Figure S1a

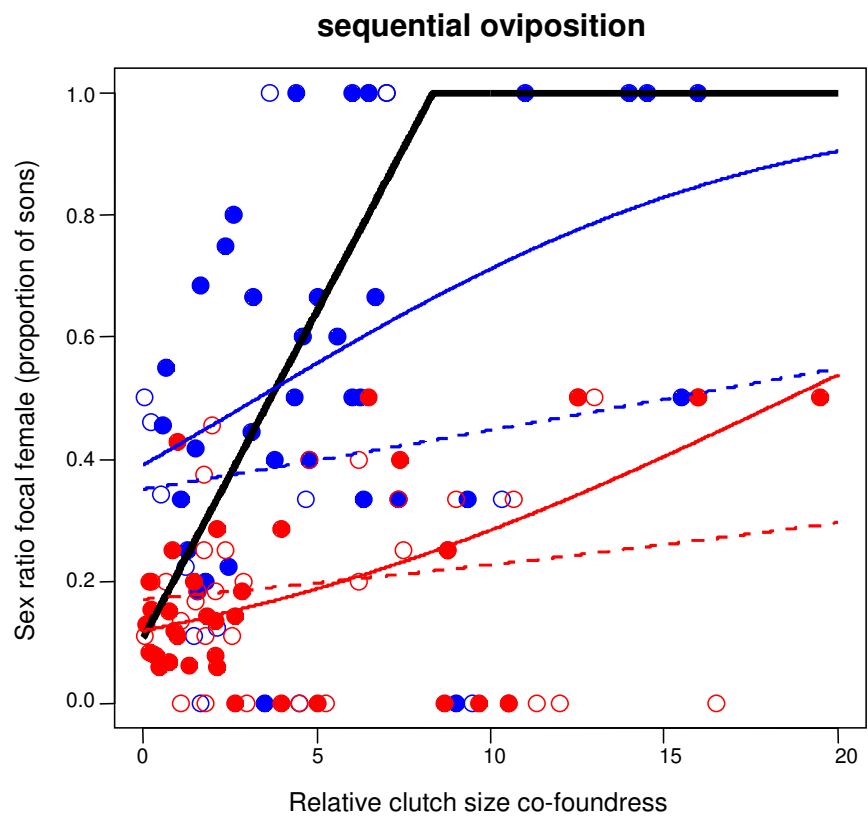


Figure S1b