

Fricke, E. C., Tewksbury, J. J. and Rogers, H. S. 2019. Linking intra-specific trait variation and plant function: seed size mediates performance tradeoffs within species. – Oikos doi: 10.1111/oik.06494

Appendix 1

Table A1. Model outputs (estimate and Wald confidence intervals) for median seed mass (mg) of *Psychotria mariana* and *Premna serratifolia* predicted by the conspecific seed density observed within seed traps (Count) and the portion of seeds in those traps that were handled by frugivores (Handled).

Species	Intercept	Seed density	Proportion handled
<i>Psychotria</i>	15.5 (12.1,19.0)	2.7 (1.0,4.3)	1.5 (-1.9,4.9)
<i>Premna</i>	9.9 ± (7.7,12.0)	0.4 (-0.2,1.0)	0.5 (-1.6,2.6)

Table A2. Model outputs (log-odds scale; estimate and Wald confidence intervals) for germination of *Psychotria mariana* and *Premna serratifolia* under soil and seed mass treatments. Soil treatments were soil inoculants from near conspecifics (Near), far from conspecifics (Far), or no soil inoculant (the reference level of the soil treatment, represented by the intercept). Colons represent interactions between predictor variables.

Species	Intercept	Mass	Far	Near	Mass:Far	Mass:Near
<i>Psychotria</i>	0.4 (0.2,0.7)	-0.1 (-0.3,0.2)	-0.6 (-0.9,-0.2)	-0.5 (-0.8,-0.1)	0.1 (-0.2,0.5)	0.3 (0.0,0.7)
<i>Premna</i>	-1.0 (-1.2,-0.7)	0.3 (0.1,0.4)	-0.3 (-0.5,-0.1)	0.5 (-0.7,-0.3)	-0.1 (-0.3,0.1)	-0.1 (-0.3,0.1)

Table A3. Model outputs (estimate \pm SE) for aboveground seedling biomass of *Psychotria mariana* and *Premna serratifolia* under soil and seed mass treatments. Soil treatments included soil inoculants from near conspecifics (Near), far from conspecifics (Far), or no soil inoculant (the reference level of the soil treatment, represented by the intercept).

Species	Intercept	Mass	Far	Near
<i>Psychotria</i>	-4.0 (-4.3,-3.7)	-0.1 (-0.3,0.1)	-0.5 (-0.8,-0.1)	-0.6 (-0.9,-0.3)
<i>Premna</i>	-3.5 (-3.9,-3.0)	0.2 (0.0,0.4)	0.9 (0.5,1.3)	0.3 (-0.1,0.7)