



Figure S3. Fit of the recruitment functions to species-specific seed augmentation data. Each of the panels depicts the recruitment function of a species at either (a) three months or (b) 24 months after sowing, with species including: *Pancovia laurentii* (Pala), *Staudtia kamerunensis* (Stka), *Manilkara mabokeensis* (Mama), *Myrianthus arboreus* (Myar), and *Entandrophragma utile* (Enut). The dashed line represents the *density-independent* (DI) model (fitting  $P_0$  and  $S_{\text{amb}}$ ) and the solid line represents the *density-dependent* (DD) model (fitting  $P_0$ ,  $S_{\text{amb}}$ , and  $R_{\max}$ ). The level of seed augmentation is a multiple of ambient densities observed in nature for each species during the first year of this project. For all species, the full Beverton-Holt model (DD) provided an improved fit to the linear model (Supplementary Table 1).