

Figure S1: Predicted kurtosis from empirical data sets

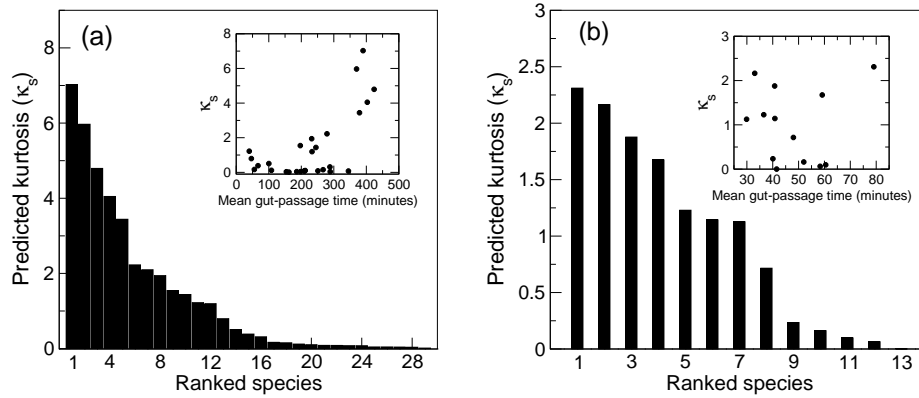


Figure S1: Ranked predicted kurtosis ($\kappa_s = 6\sigma_r^2/\mu_r^2$) of the seed dispersal kernel from real data sets. (a) The gut-passage data for the plant-frugivore interactions in Table 2. (b) The gut-passage data for the Mediterranean avian seed dispersers in Table 3. Insets show kurtosis as a function of mean gut-passage time; this shows that similar mean retention times can generate seed dispersal curves with different degrees of kurtosis and therefore the variability in the gut-passage time scaled by its mean is needed to make reliable predictions.