(a) Out-of-bag imputation error for the continuous traits: Normalised Root Mean Squared Error 0.75 **NRMSE** 0.50 0.25 0.00 Class Litter/clutch size Habitat breadth Body mass (g) Lifespan proxy (d) **Amphibians** Birds (b) Out-of-bag imputation error for the categorical traits: Mammals Proportion of falsely classifed traits Reptiles 20 % falsely classified 15 10 5 0 Trophic level Activity pattern Use of artificial habitat