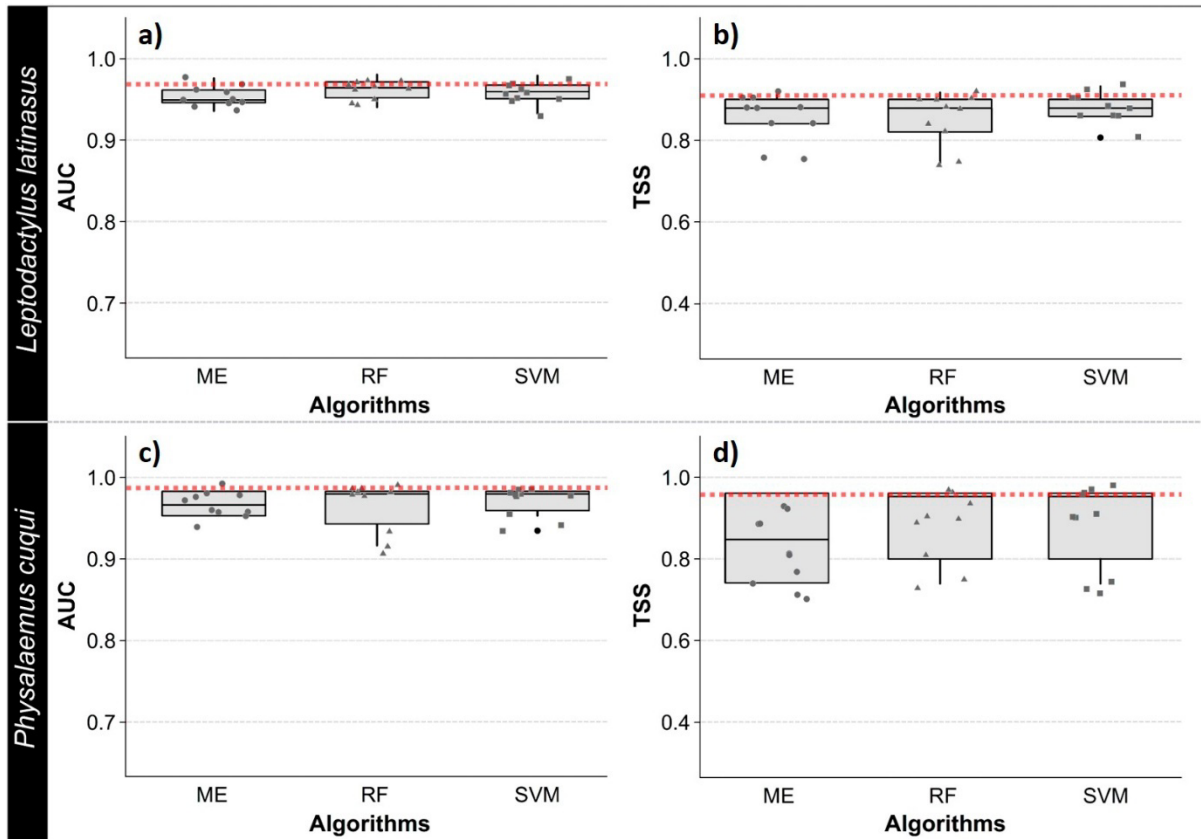SMG 1

TSS and AUC statistics values for each algorithm applied in the SDMs of *Leptodactylus latinasus* (**A.** and **B.**) and *Physalaemus cuqui* (**C.** and **D.**). Performances obtained for the algorithms ME: Maximum Entropy, RF: Random Forest, SVM: Support Vector Machine. The dashed red line represents the value obtained for the assembled model

SMG 2

Spatio-temporal overlap of the environmental niches obtained for *Leptodactylus latinasus* (**A.**, **B.** and **C.**) and *Physalaemus cuqui* (**D.**, **E.** and **F.**). The overlaps respond to the Jacckard index and the ellipsoids represent the niches in the n-dimensional hypervolume defined by the environmental variables (background points, gray color) within the spatial axes (red lines)