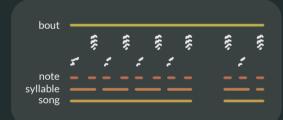


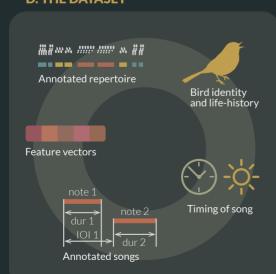
A. DATA COLLECTION



B. SONG ELEMENTS



D. THE DATASET



C. ANALYSIS PIPELINE



soundscape recording



find dawn song bouts



song segmentation



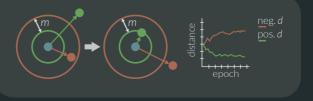


note segmentation

projection & clustering independently for each bird



annotated repertoire



deep metric learning full population ViT Model + triplet loss