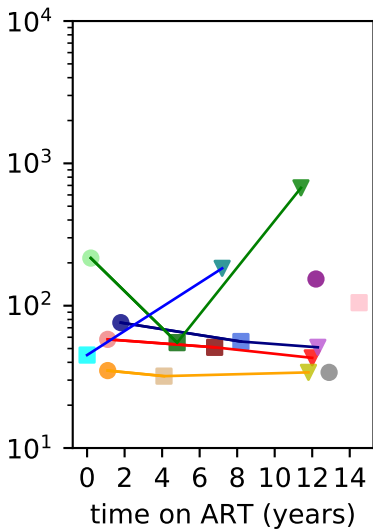


observed sequence  
richness,  $R^{obs}$



minimum sequence  
richness,  $R^{Chao}$

