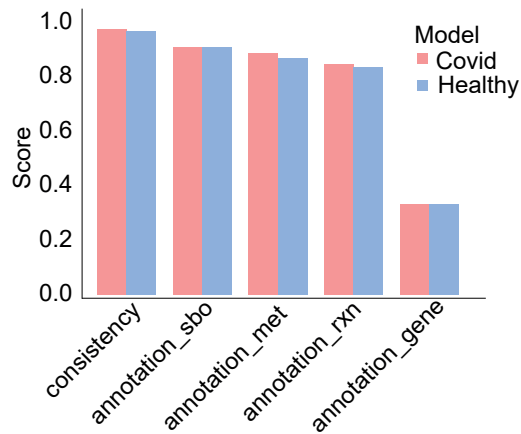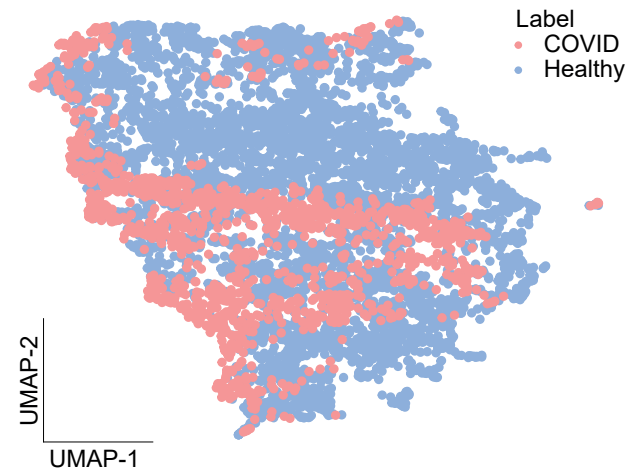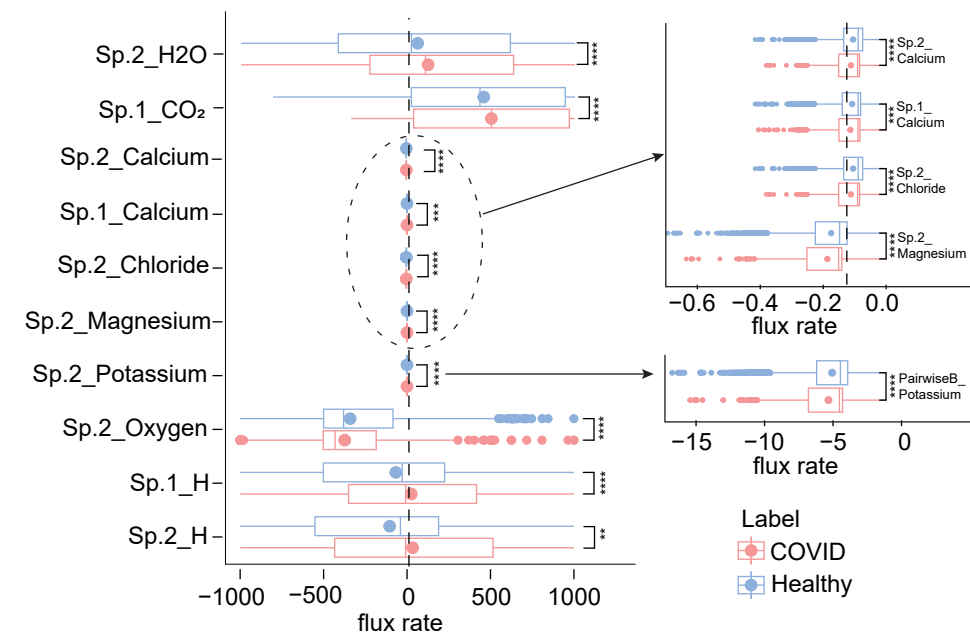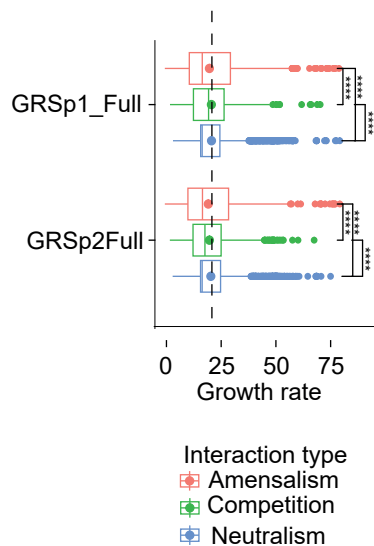**A. Distribution of single and pairwise GEMs**
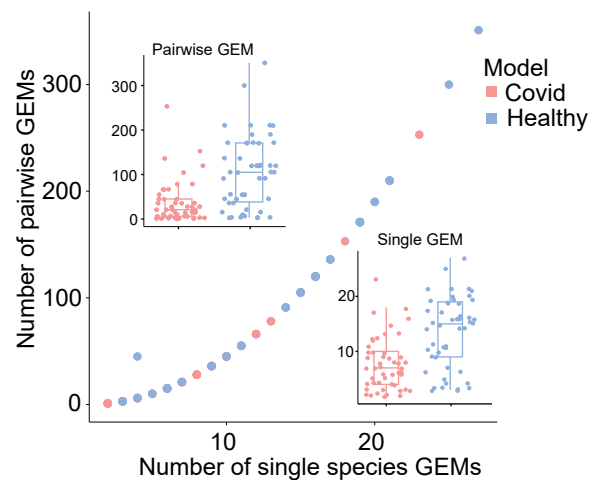
B. MEMOTE test score refined GEMs

C. Community exchange reactions UMAP

D. Community exchange reactions

E. Community interaction type

F. Community growth rate UMAP