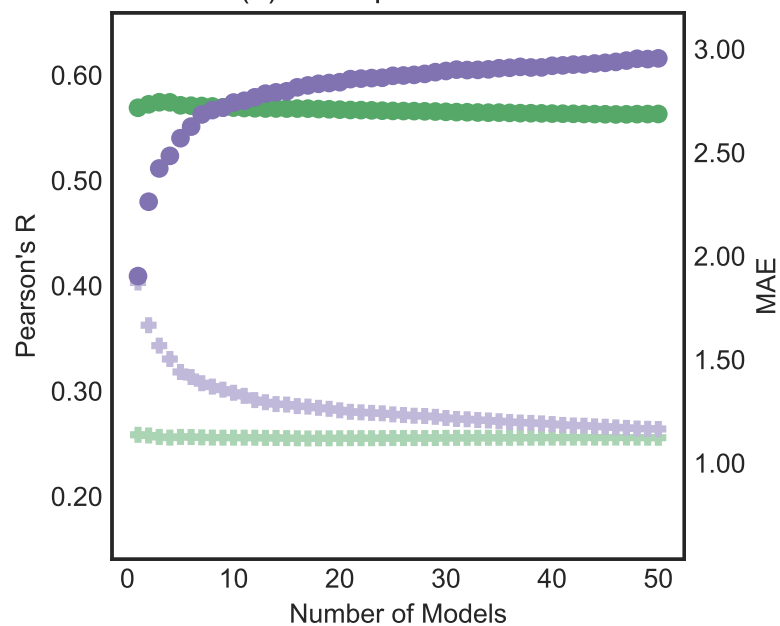
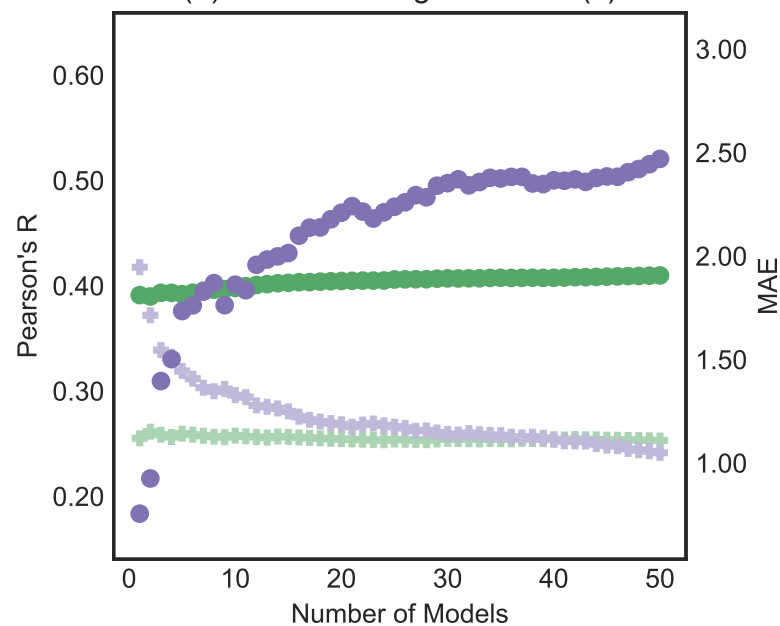


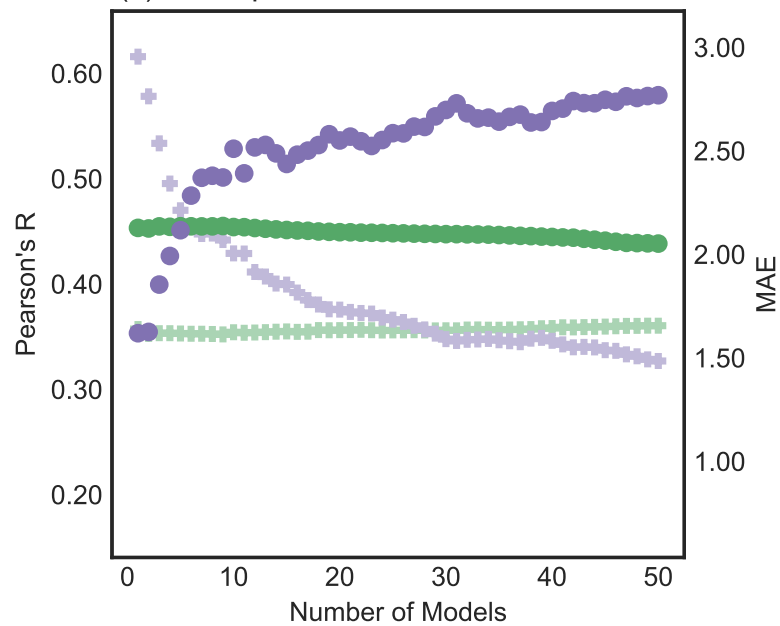
(a) - Complete dataset



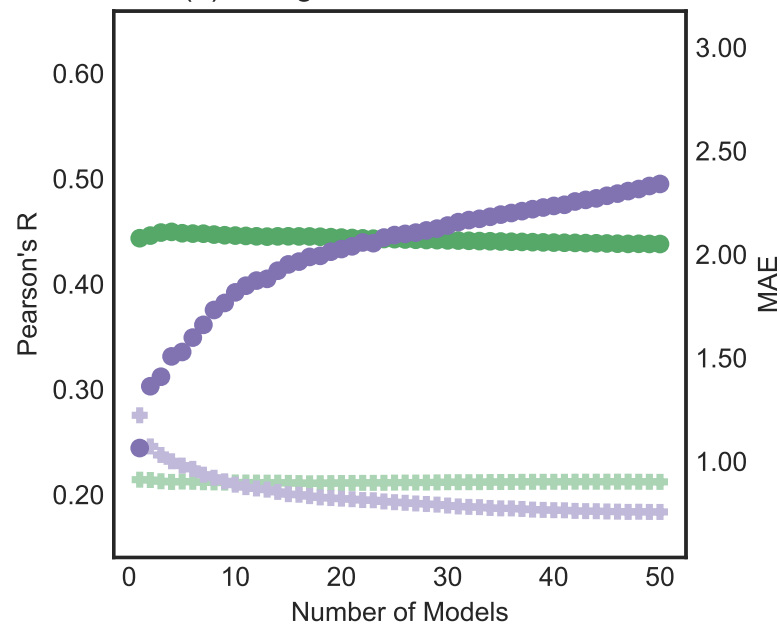
(b) - Small-to-large mutation(s)



(c) - Multiple mutations, none to alanine



(d) - Single mutation to alanine



● R - ddG monomer
● R - no backrub control

✦ MAE - ddG monomer
✦ MAE - no backrub control