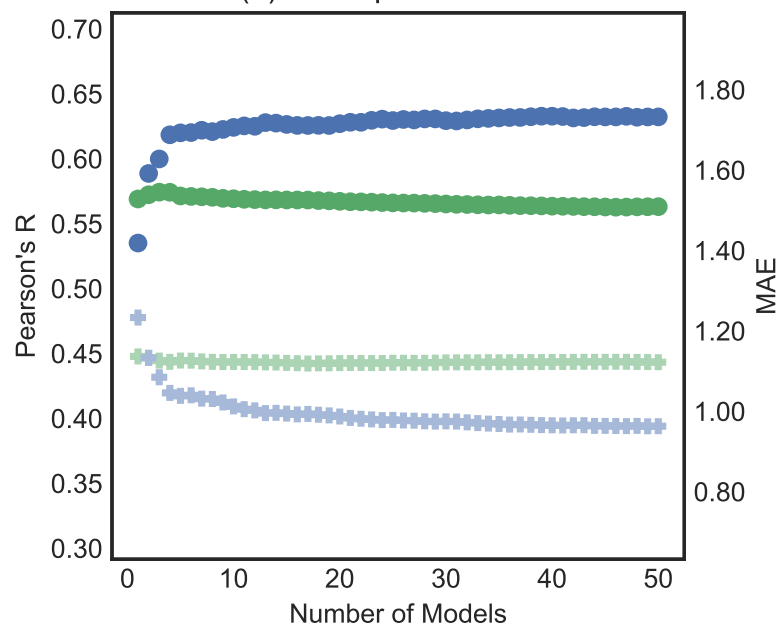
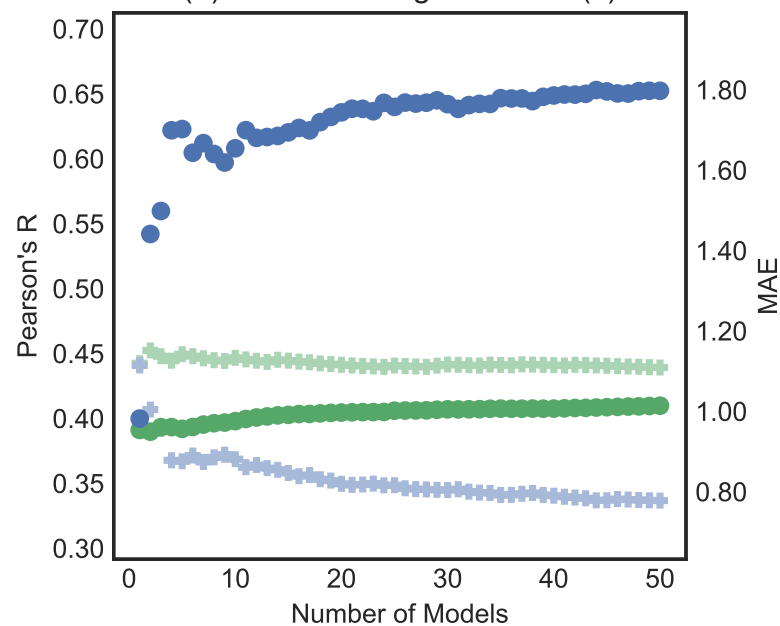


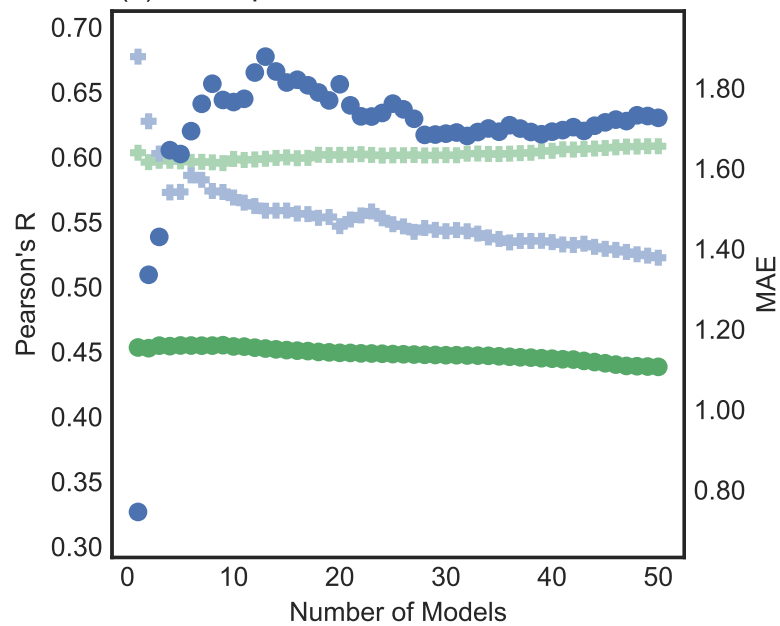
(a) - Complete dataset



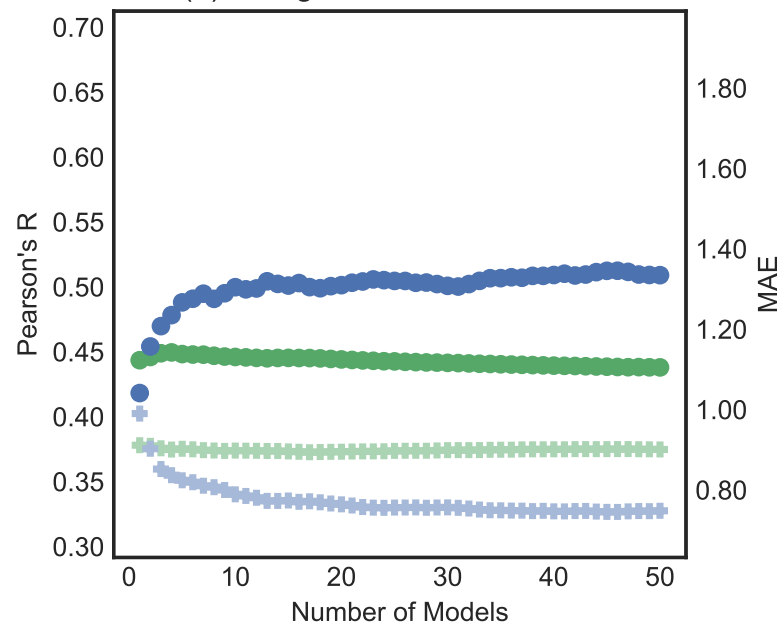
(b) - Small-to-large mutation(s)



(c) - Multiple mutations, none to alanine



(d) - Single mutation to alanine



● R - flex ddG
● R - no backrub control

+ MAE - flex ddG
+ MAE - no backrub control