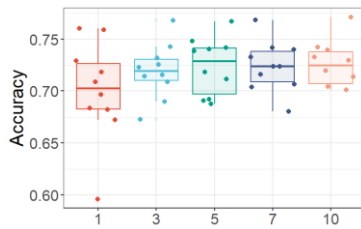
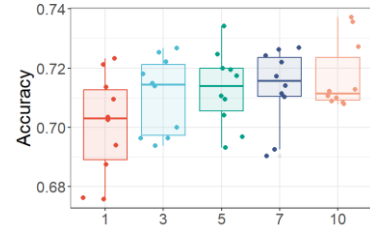


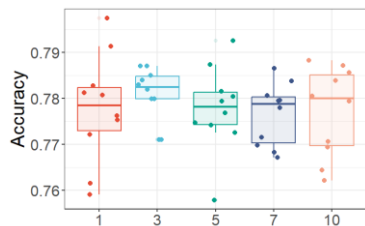
a(i) Few-shot results on all tasks



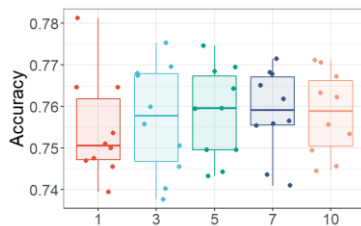
a(ii) Few-shot results on the drug chemical prediction task



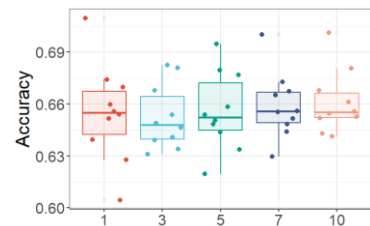
a(iii) Few-shot results on the drug side-effect prediction task



a(iv) Few-shot results on the drug substituent prediction task

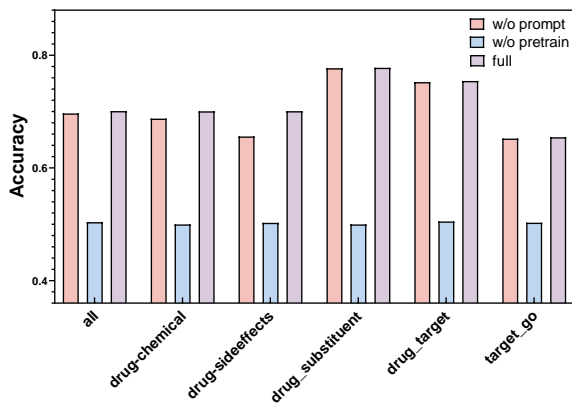


a(v) Few-shot results on the drug target prediction task

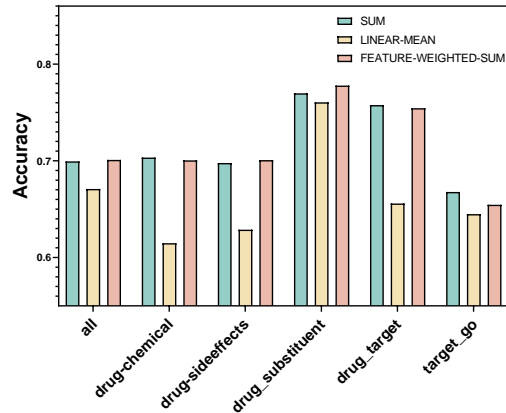


a(vi) Few-shot results on the target go prediction task

b

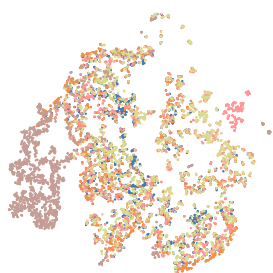


c



d

● drug_chemical ● drug_sideeffects ● drug_sideeffects
● drug_sideeffects ● drug_sideeffects

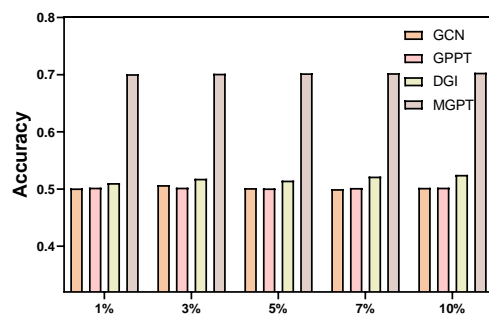


Node visualization after pretraining

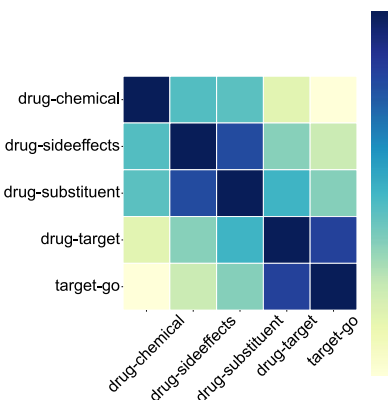


Node visualization after prompt tuning

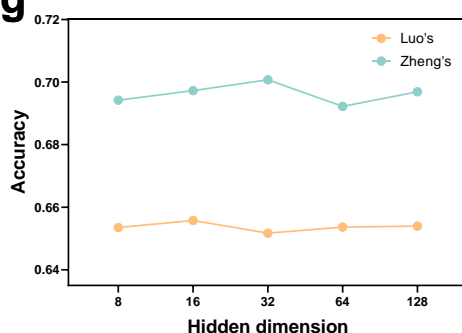
e



f



g



h

