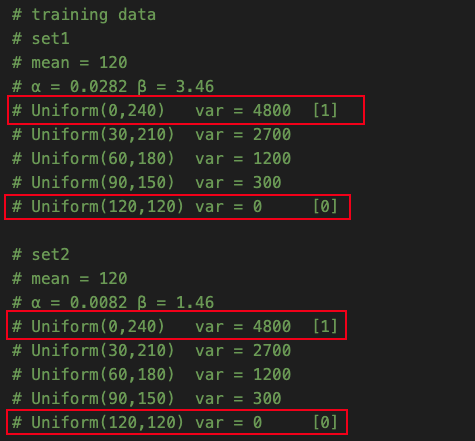
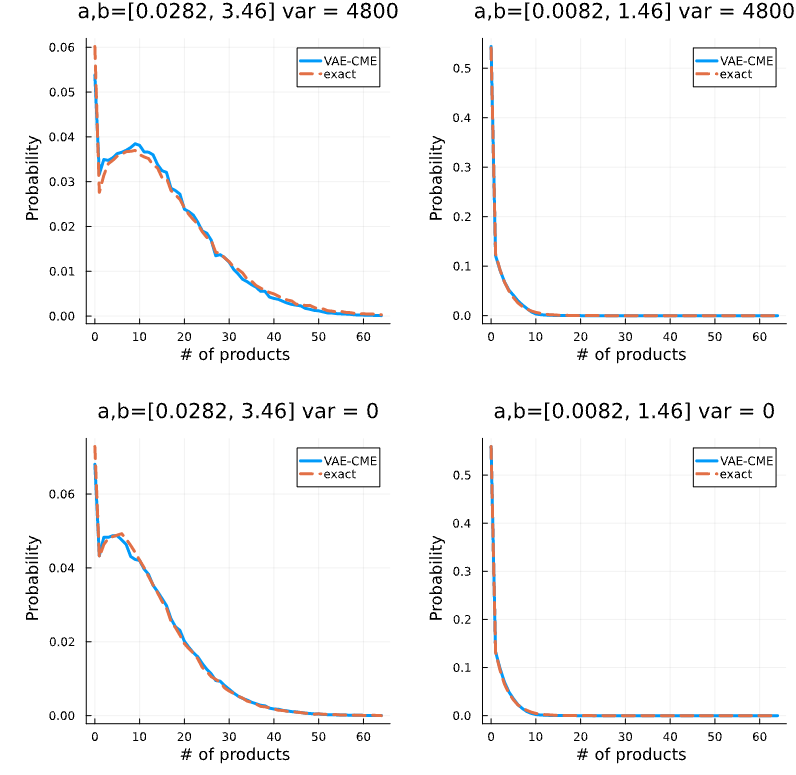
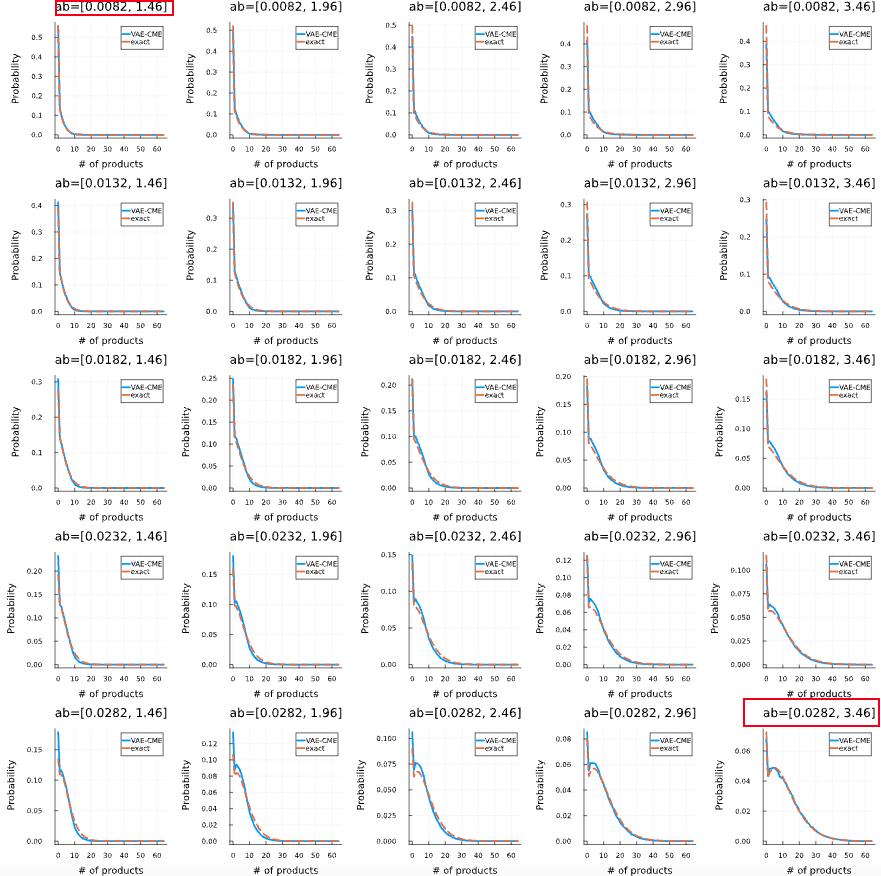
训练集为以下四组



拟合效果

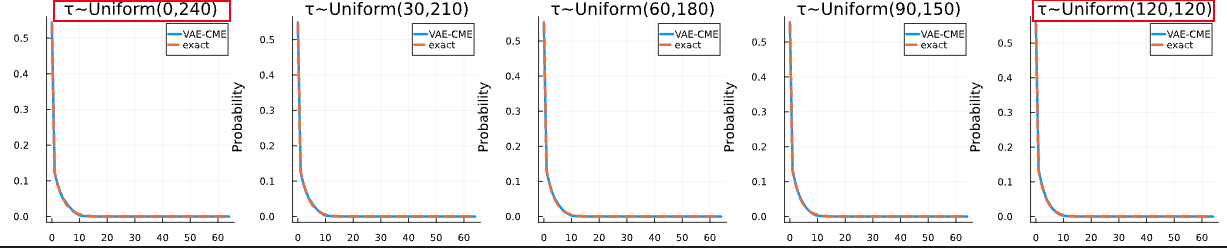


对不同a,b,但tau的方差为0的预测效果

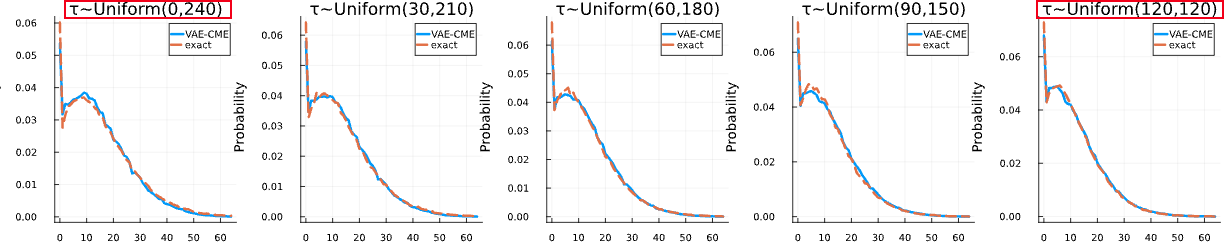


对不同方差的预测效果

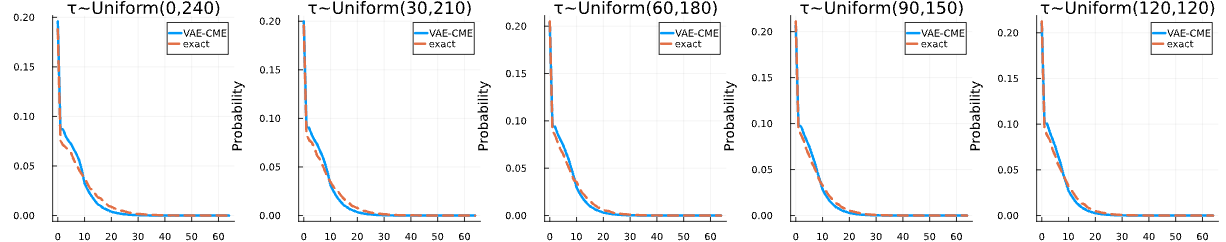
a=0.0082,b=1.46



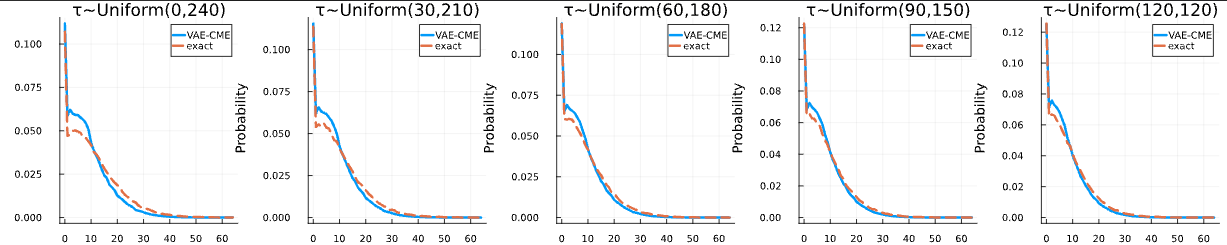
a=0.0282,b=3.46



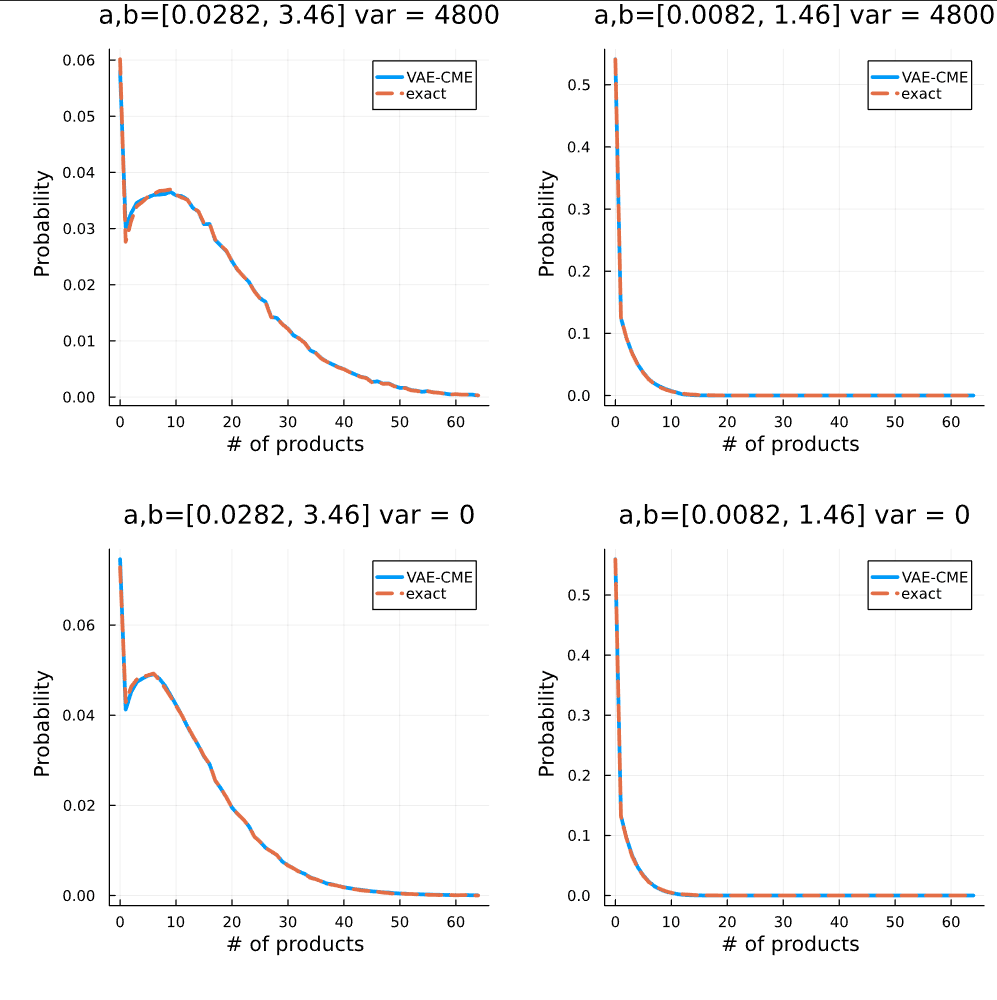
a=0.0182,b=2.46



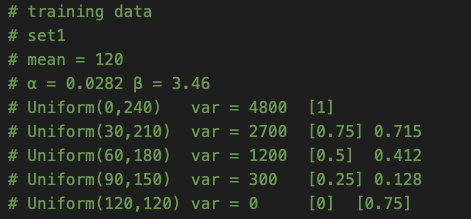
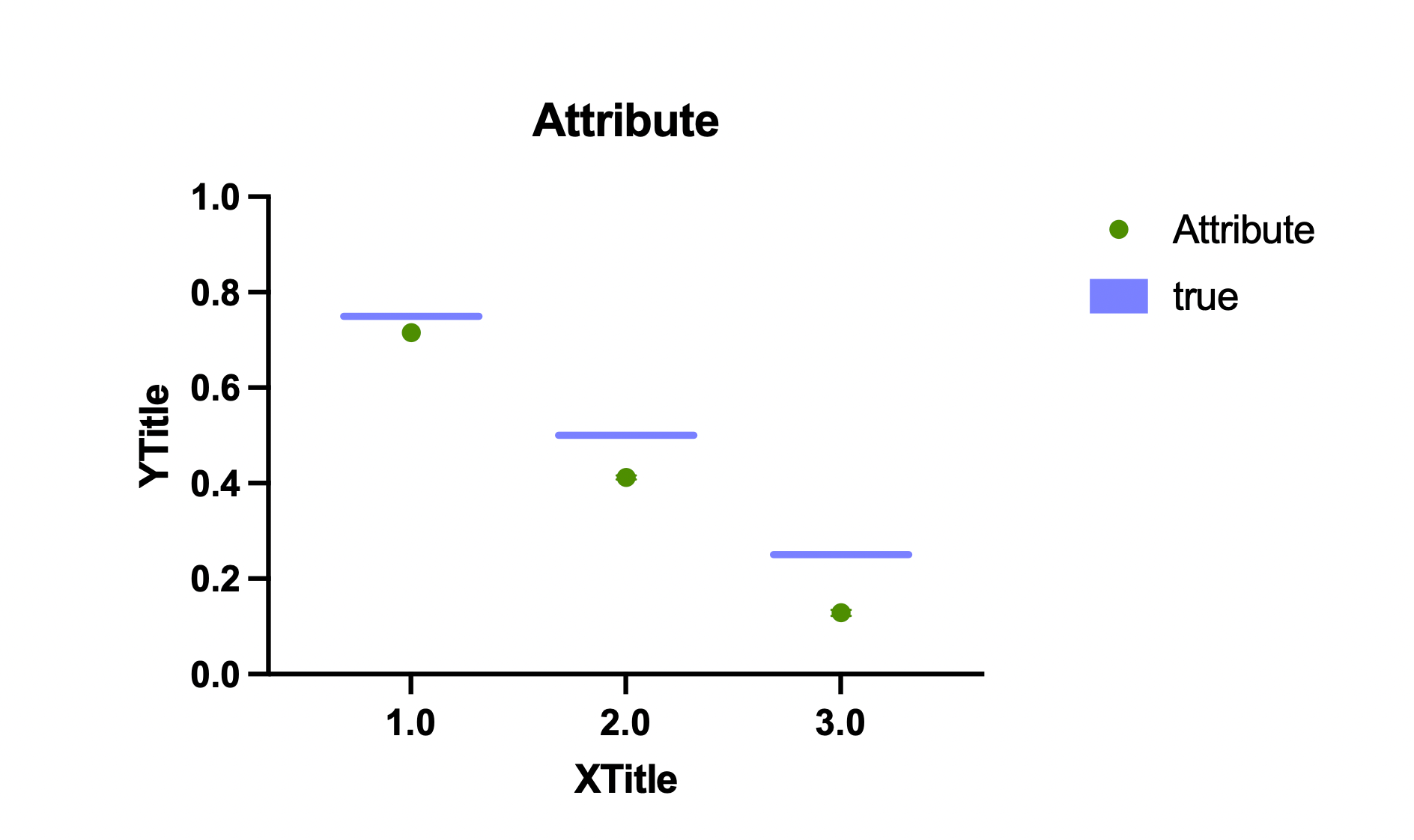
a=0.0232,b=2.96



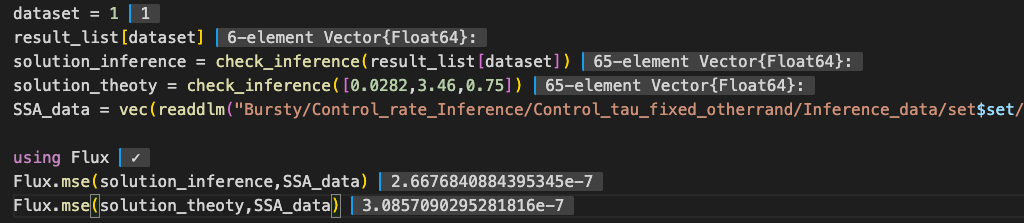
继续进行训练，拟合效果基本已到极限

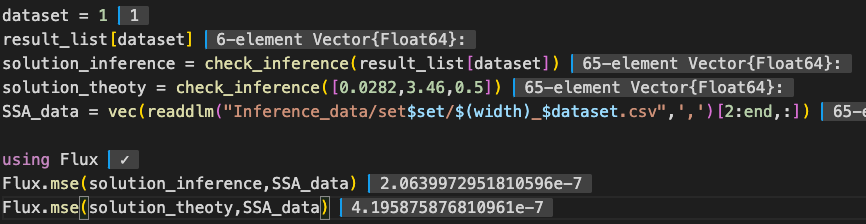


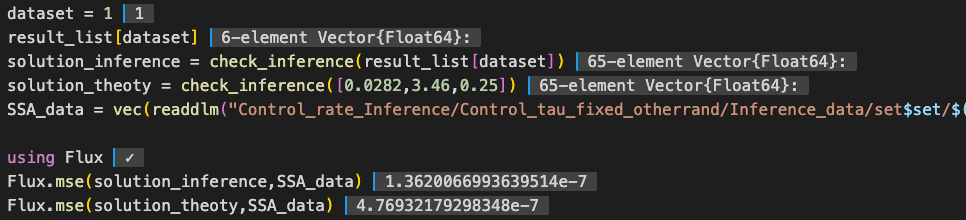
但是固定a，b，仅仅预测Attribute，与预期有差别



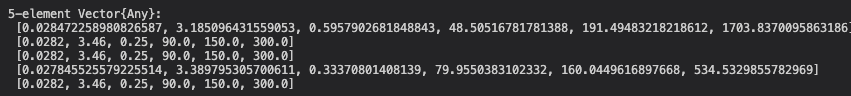
但奇怪的是Inference出来的参数可以更好的拟合SSA数据



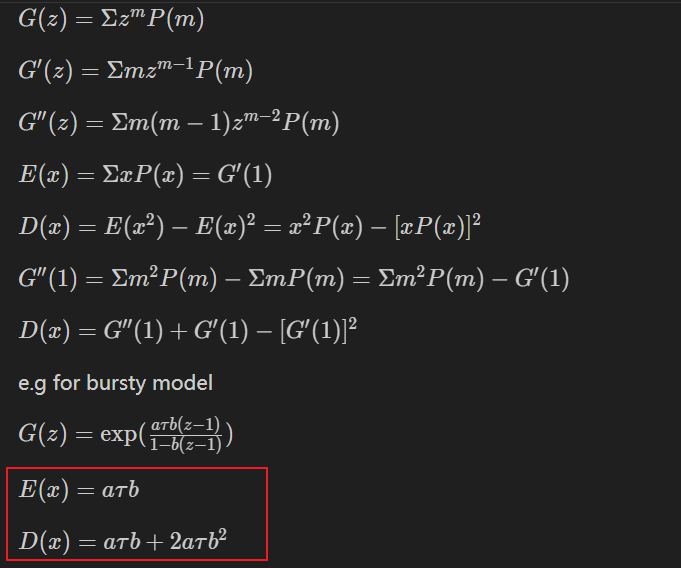




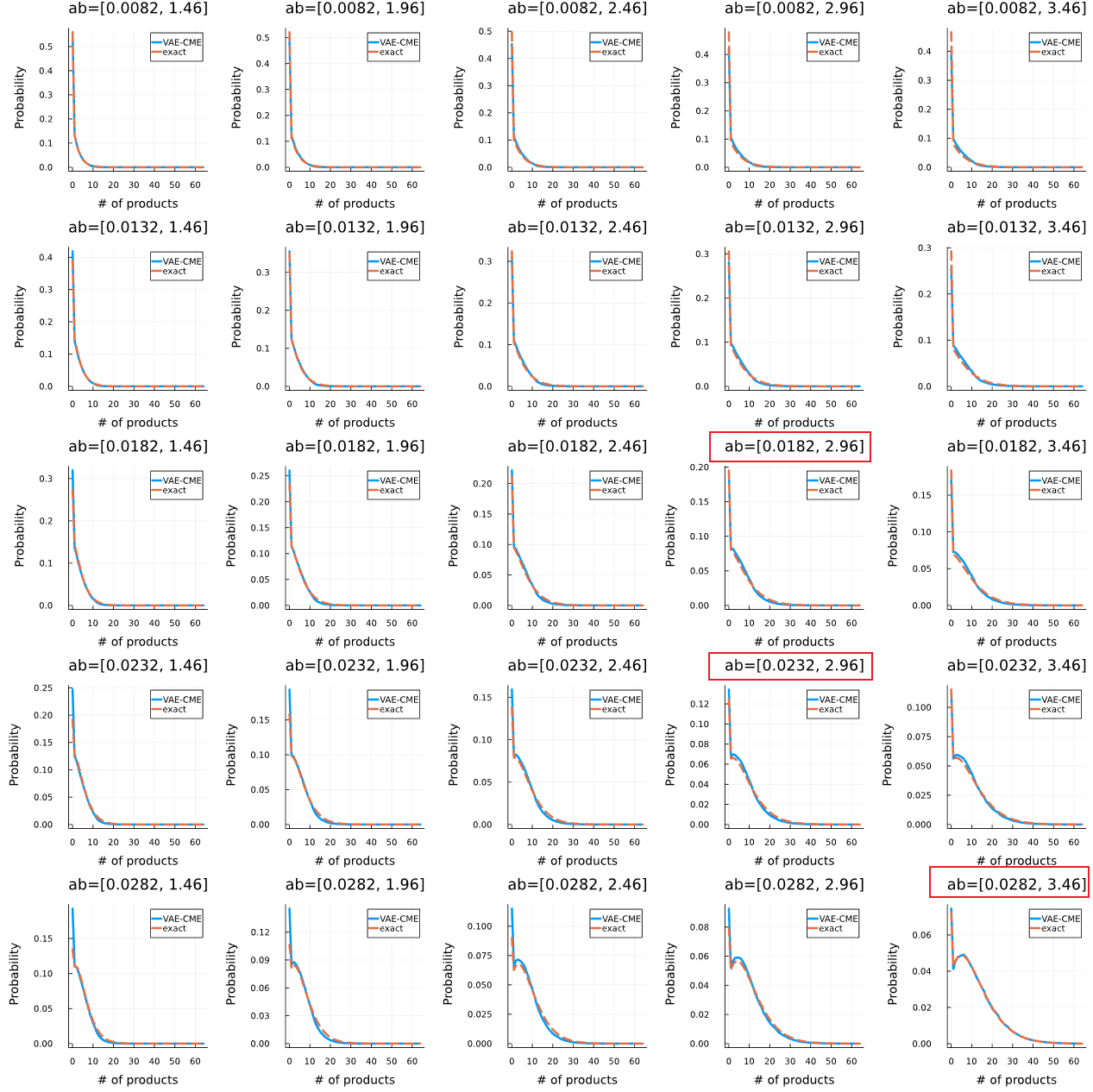
初始值直接喂真值，不行



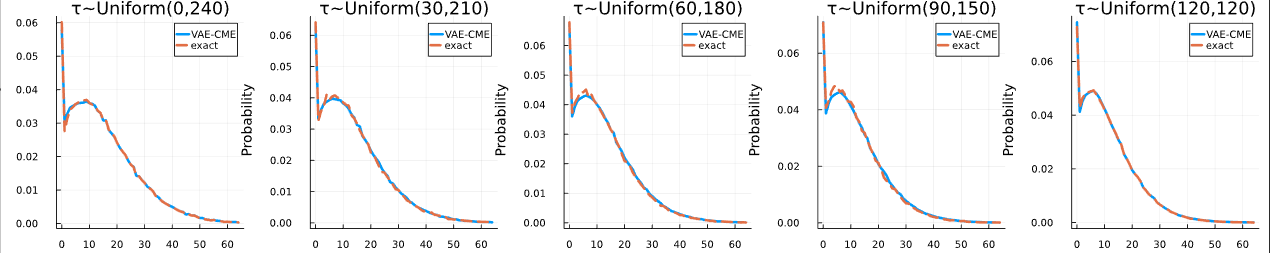
20230923

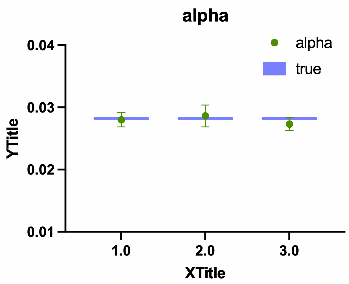
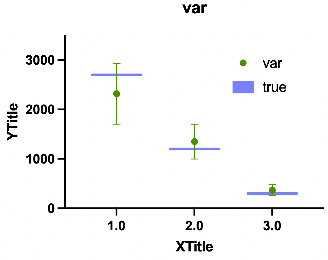
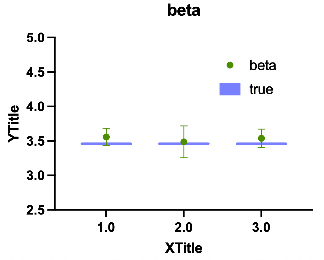


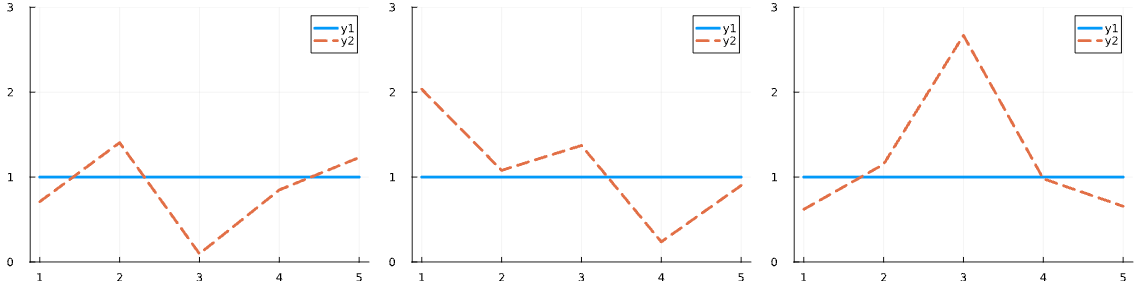
利用SSA的数据计算E(x)和D(x)，利用公式计算a0和b0，Attribute0设置为理论值，（0.25,0.5，0.75）



ab = [0.0282,3.46]

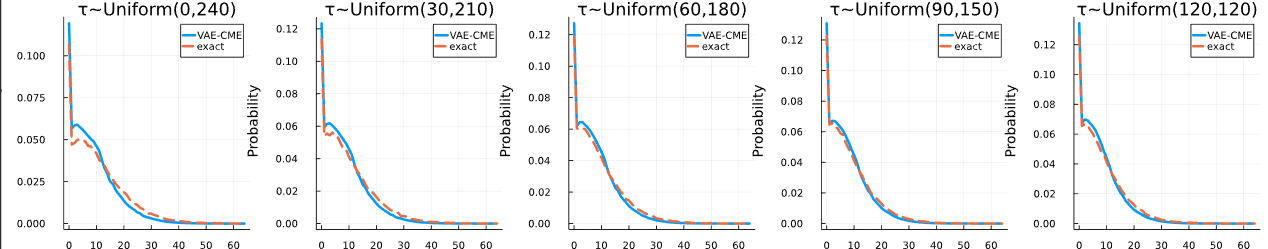


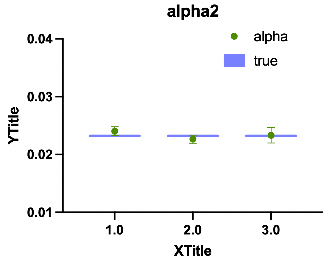
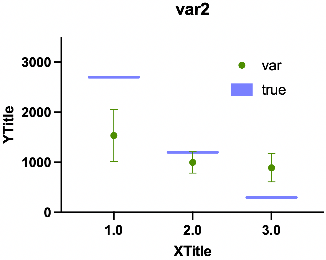
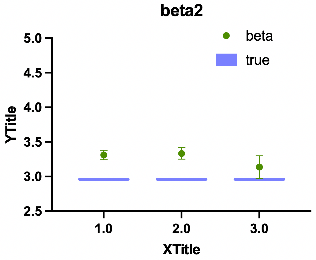


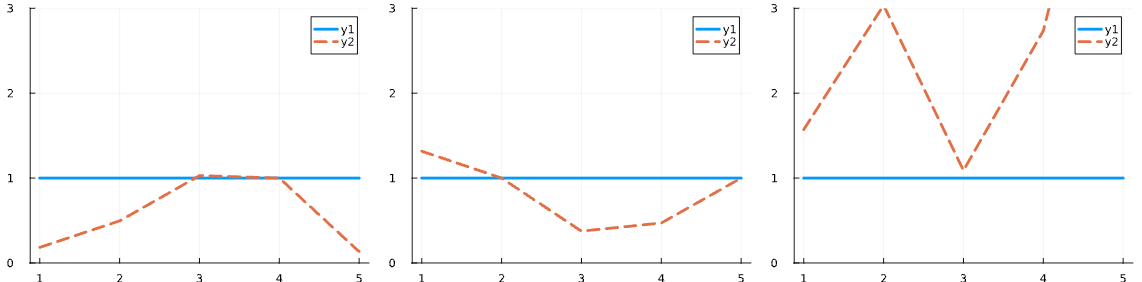
ab = [0.0232,2.96]

拟合情况



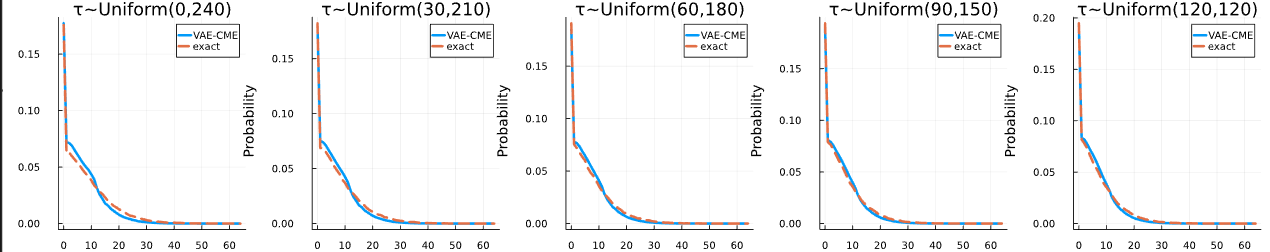
Inference情况

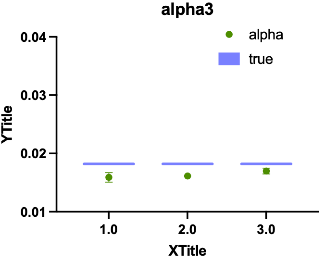
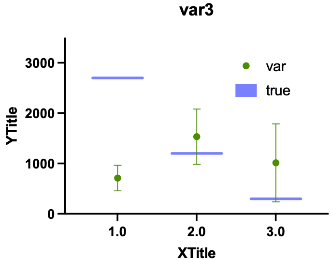
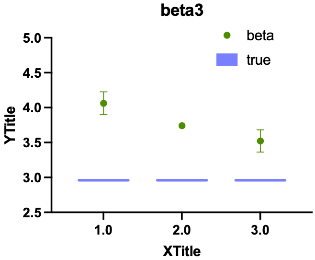


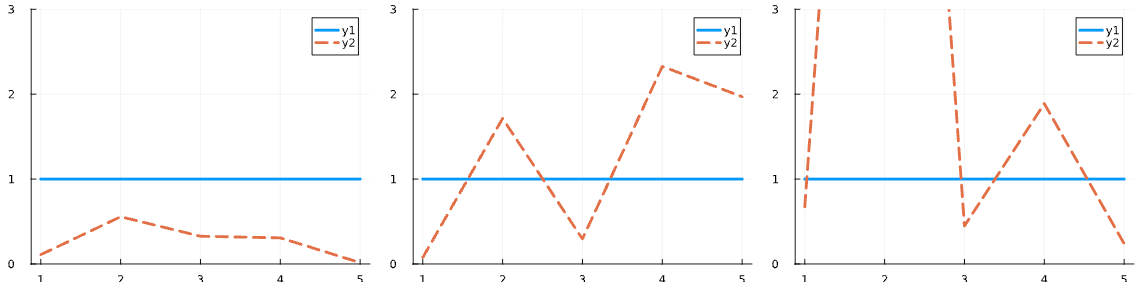
ab = [0.0182,2.96]

拟合情况

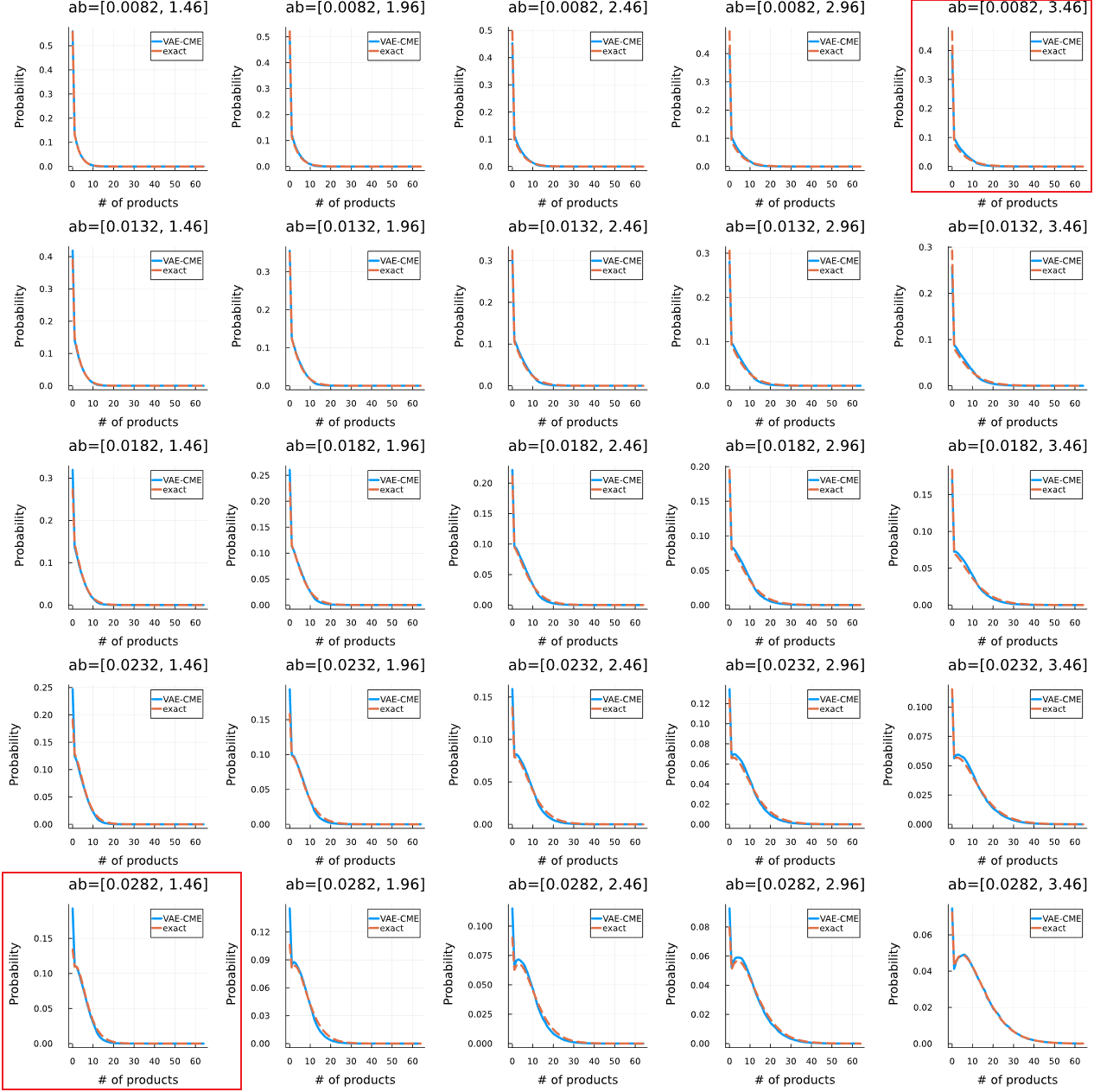


Inference情况

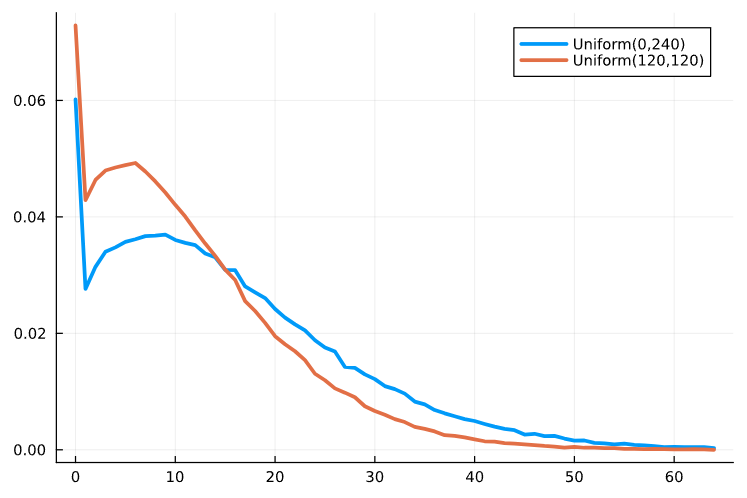
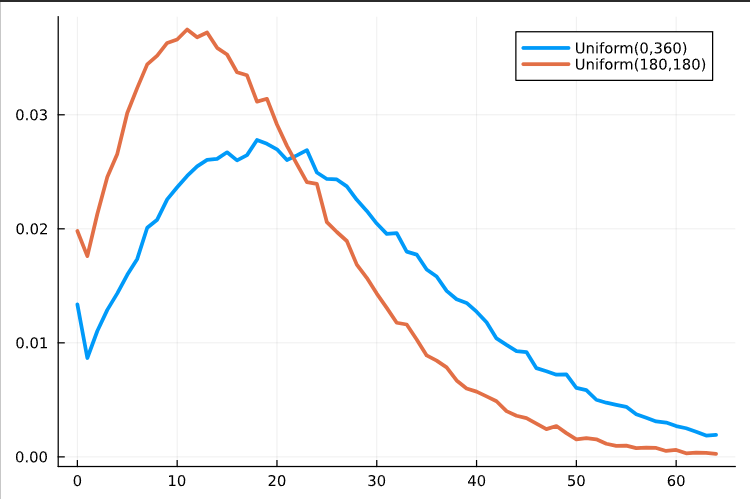
 



增加两组训练数据

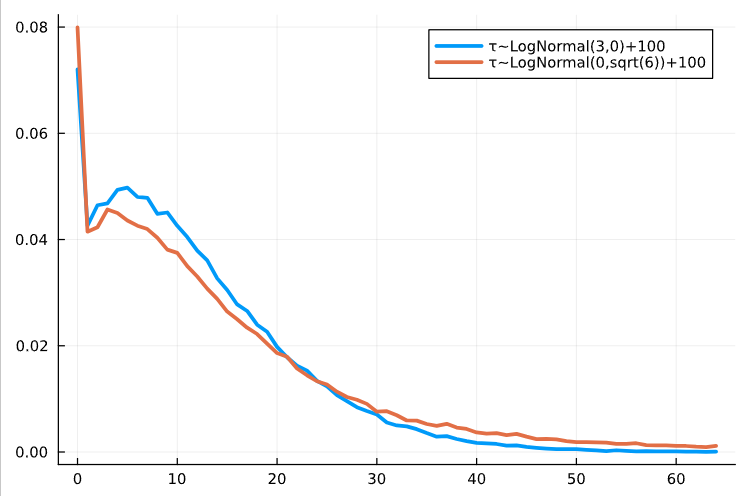


将tau变大，120->180，使得方差差距更大

  **->** 

如果用lognormal的数据，看SSA

LogNormal(0,sqrt(6))+100，mean=exp(3)，var=162351



LogNormal(0,sqrt(8))+70，mean=exp(4)，var=8.88e6

