when sd= 2 ,cor(mean,SD)= −0.903
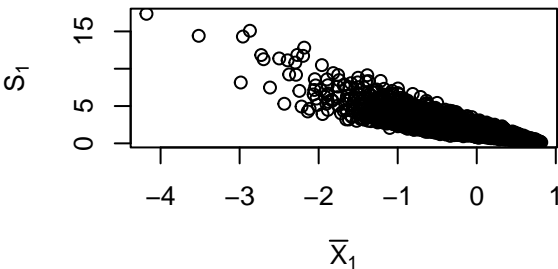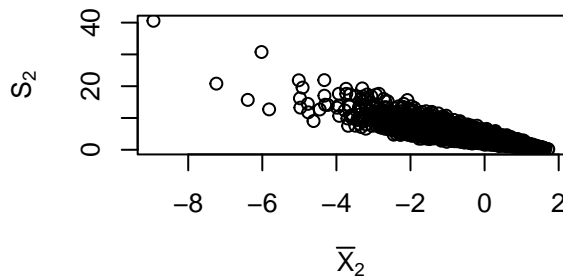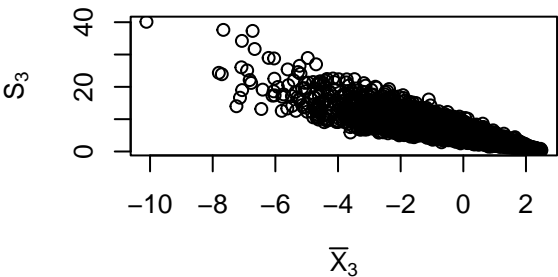
when sd= 4 ,cor(mean,SD)= −0.905

when sd= 6 ,cor(mean,SD)= −0.907

when sd= 8 ,cor(mean,SD)= −0.905