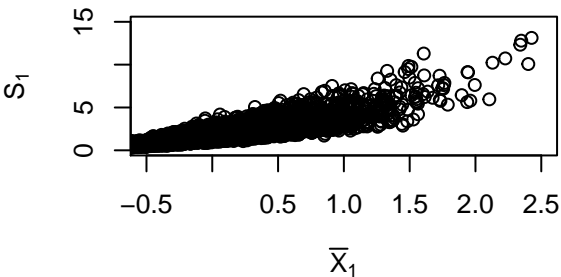
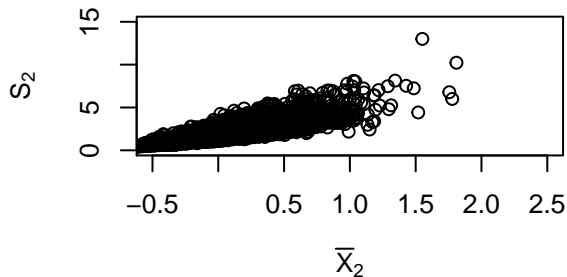


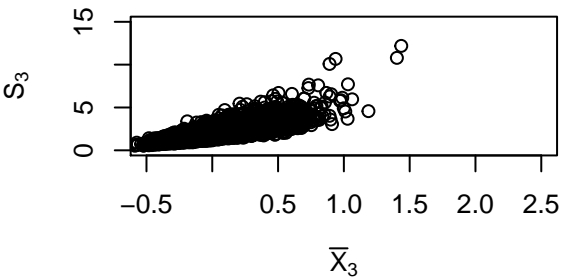
when $n=25$, $\text{Cor}(\text{mean},\text{sd})=0.899$



when $n=50$, $\text{Cor}(\text{mean},\text{sd})=0.872$



when $n=75$, $\text{Cor}(\text{mean},\text{sd})=0.854$



when $n=100$, $\text{Cor}(\text{mean},\text{sd})=0.844$

