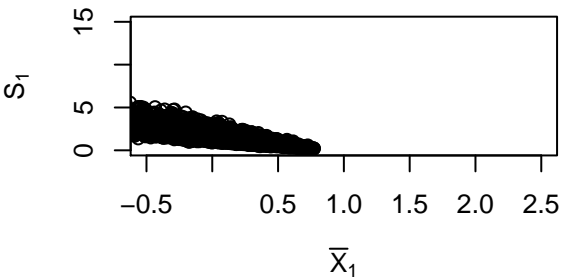
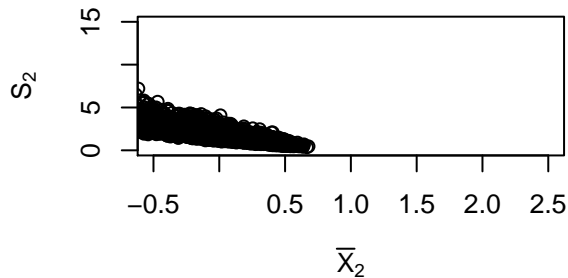


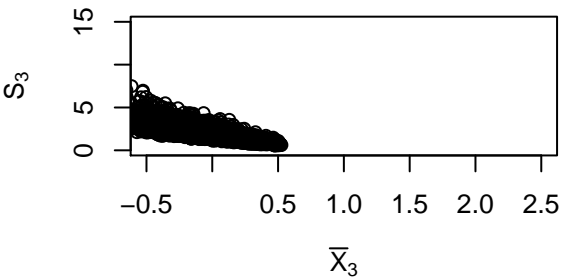
when $n=25$, $\text{Cor}(\text{mean},\text{sd})= -0.9$



when $n=50$, $\text{Cor}(\text{mean},\text{sd})= -0.874$



when $n=75$, $\text{Cor}(\text{mean},\text{sd})= -0.85$



when $n=100$, $\text{Cor}(\text{mean},\text{sd})= -0.846$

