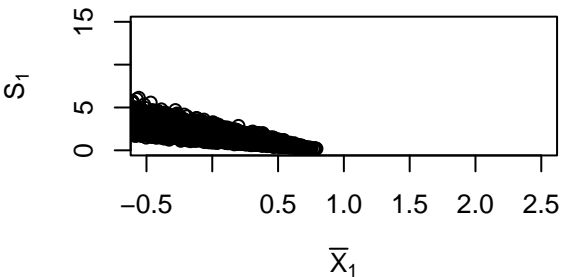
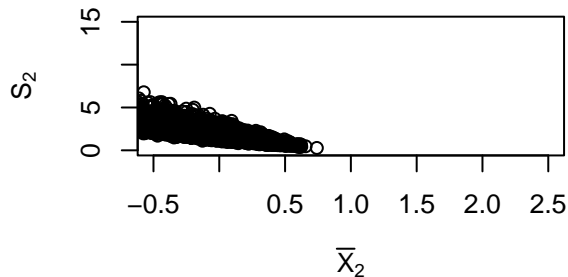


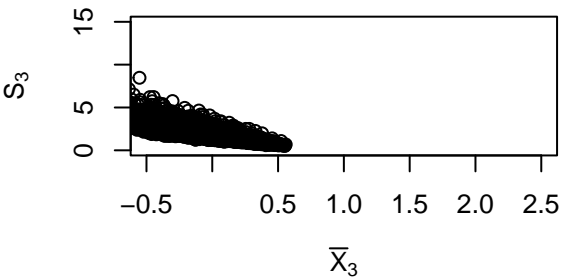
when $n = 25$, $\text{cor}(\text{mean}, \text{SD}) = -0.901$



when $n = 50$, $\text{cor}(\text{mean}, \text{SD}) = -0.867$



when $n = 75$, $\text{cor}(\text{mean}, \text{SD}) = -0.853$



when $n = 100$, $\text{cor}(\text{mean}, \text{SD}) = -0.837$

