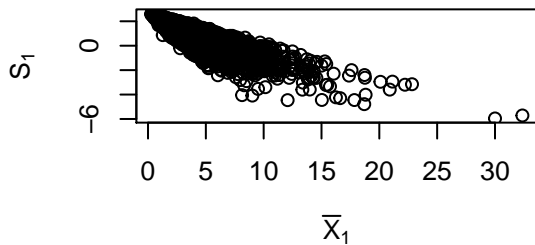
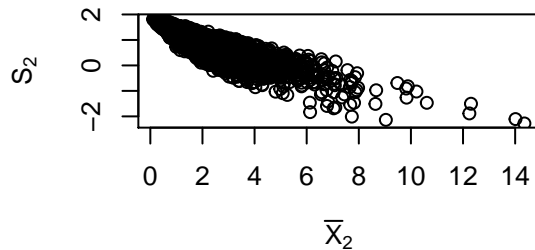


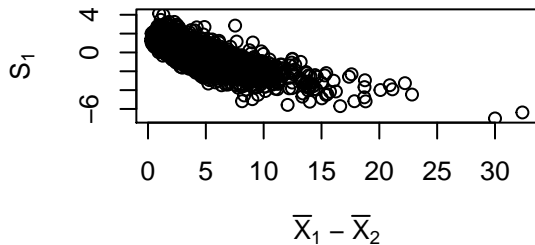
**$\rho = -0.91$**



**$\rho = -0.91$**



**$\rho = -0.79$**



**$\rho = 0.38$**

