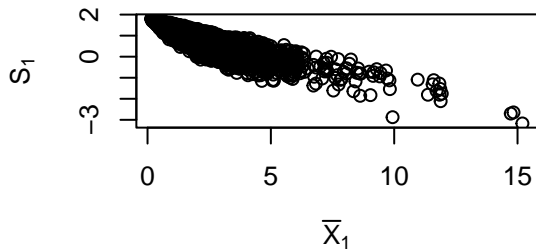
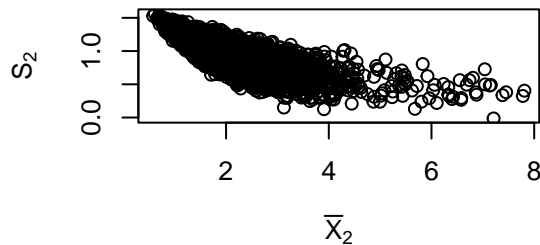


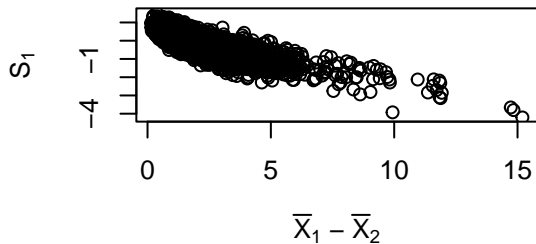
**$\rho = -0.91$**



**$\rho = -0.84$**



**$\rho = -0.82$**



**$\rho = 0.31$**

