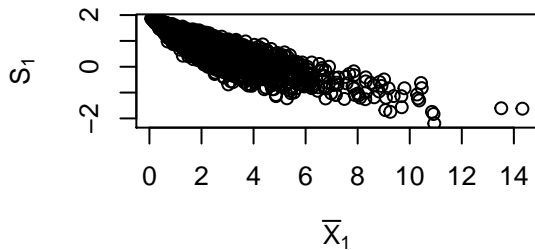
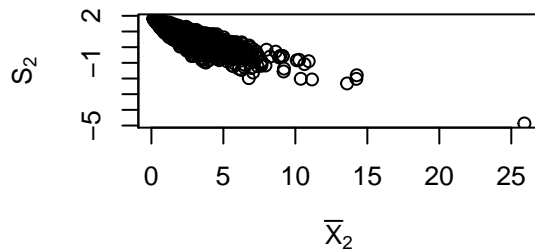


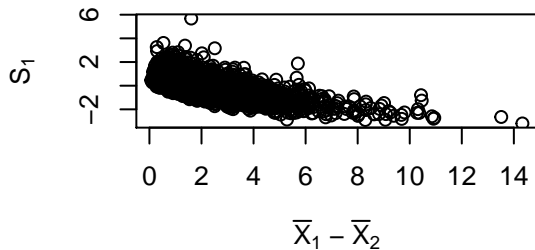
**$\rho = -0.91$**



**$\rho = -0.91$**



**$\rho = -0.64$**



**$\rho = 0.62$**

