（a）

Acf:

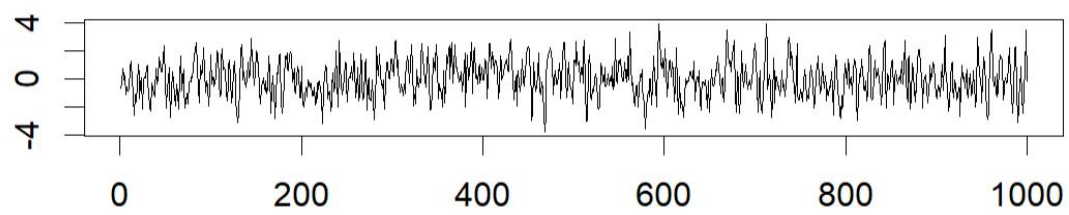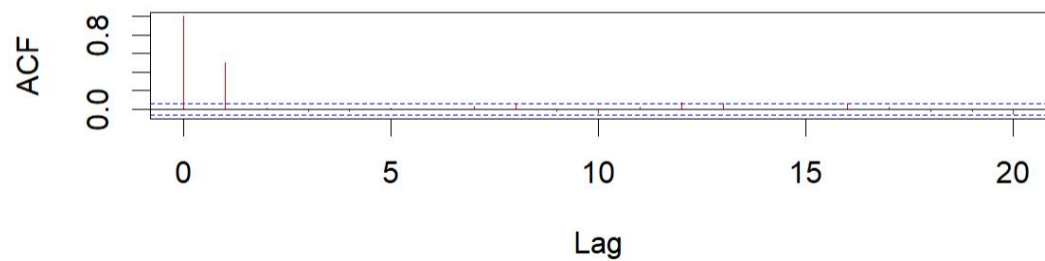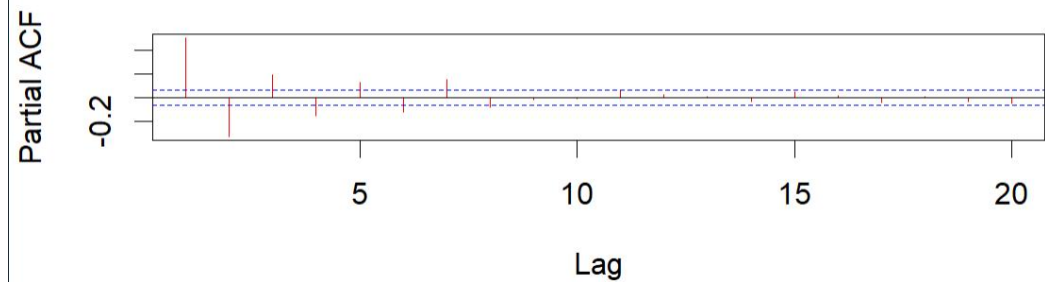### ma(1) with $\theta_1 = 0.8$

Pacf:

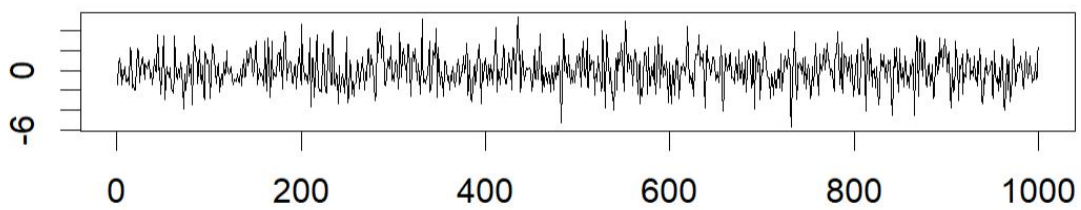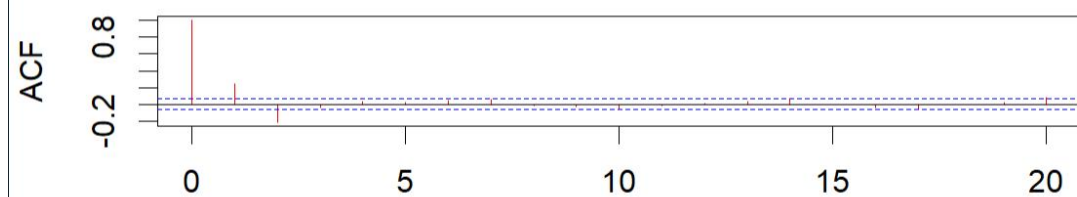### ma(1) models with $\theta_1 = 0.8$

(b)

Acf

ma(2) with $\theta_1 = 1.2 \theta_2 = -0.5$

ma(2) models with $\theta_1 = 1.2 \, \theta_2 = -0.5$