Poll questions

Often if the stationary series has positive autocorrelation at lag 1 AR terms work best

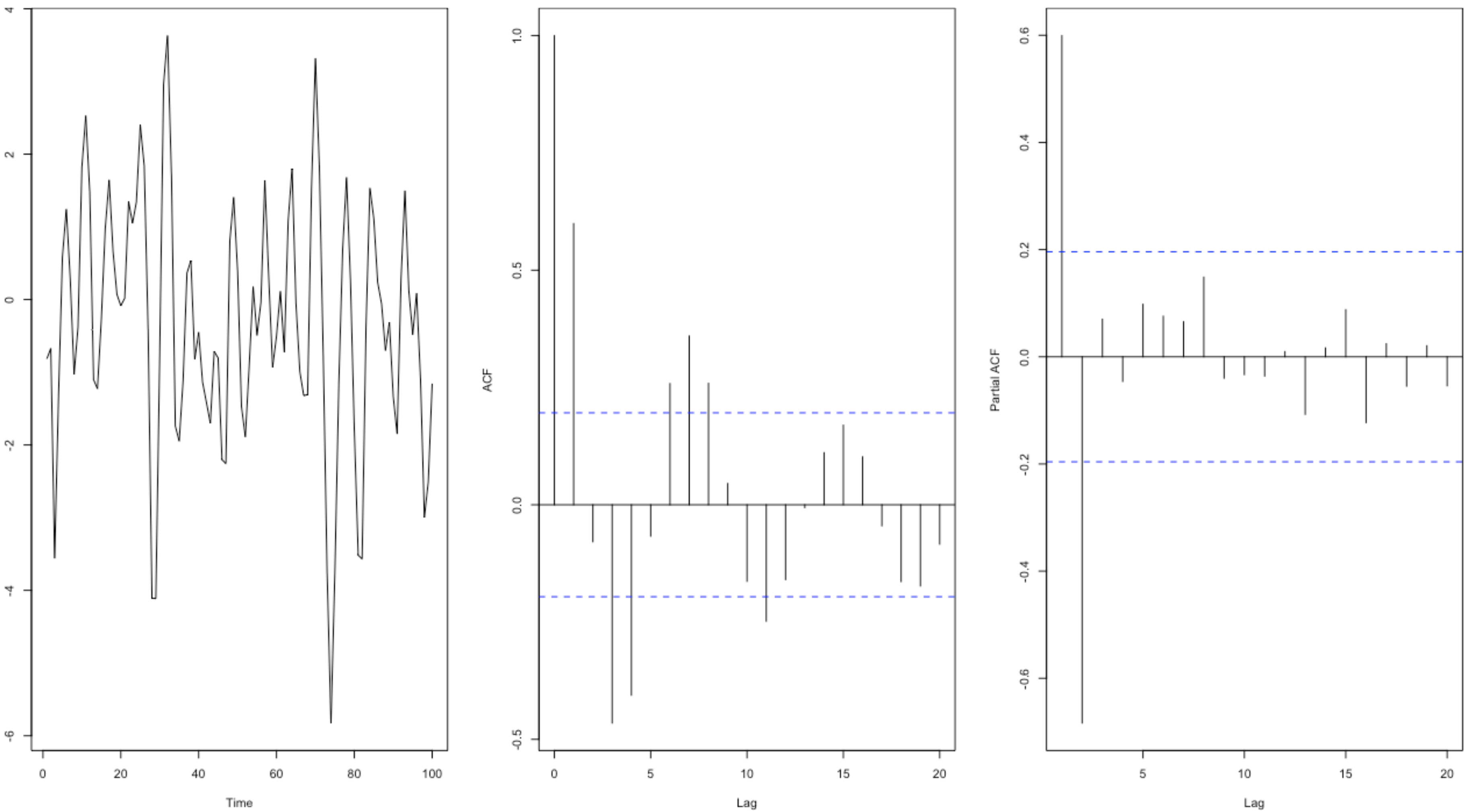
Often if it has negative autocorrelation at lag 1, MA terms work best

AR processes have a relatively “long memory” (Series current values depend on its own previous values) : Order see PACF, cutoff count from Lag1

MA processes have a relatively “Short memory” (The current deviation from mean depends on previou deviations) : Order see ACF, cutoff count from Lag1

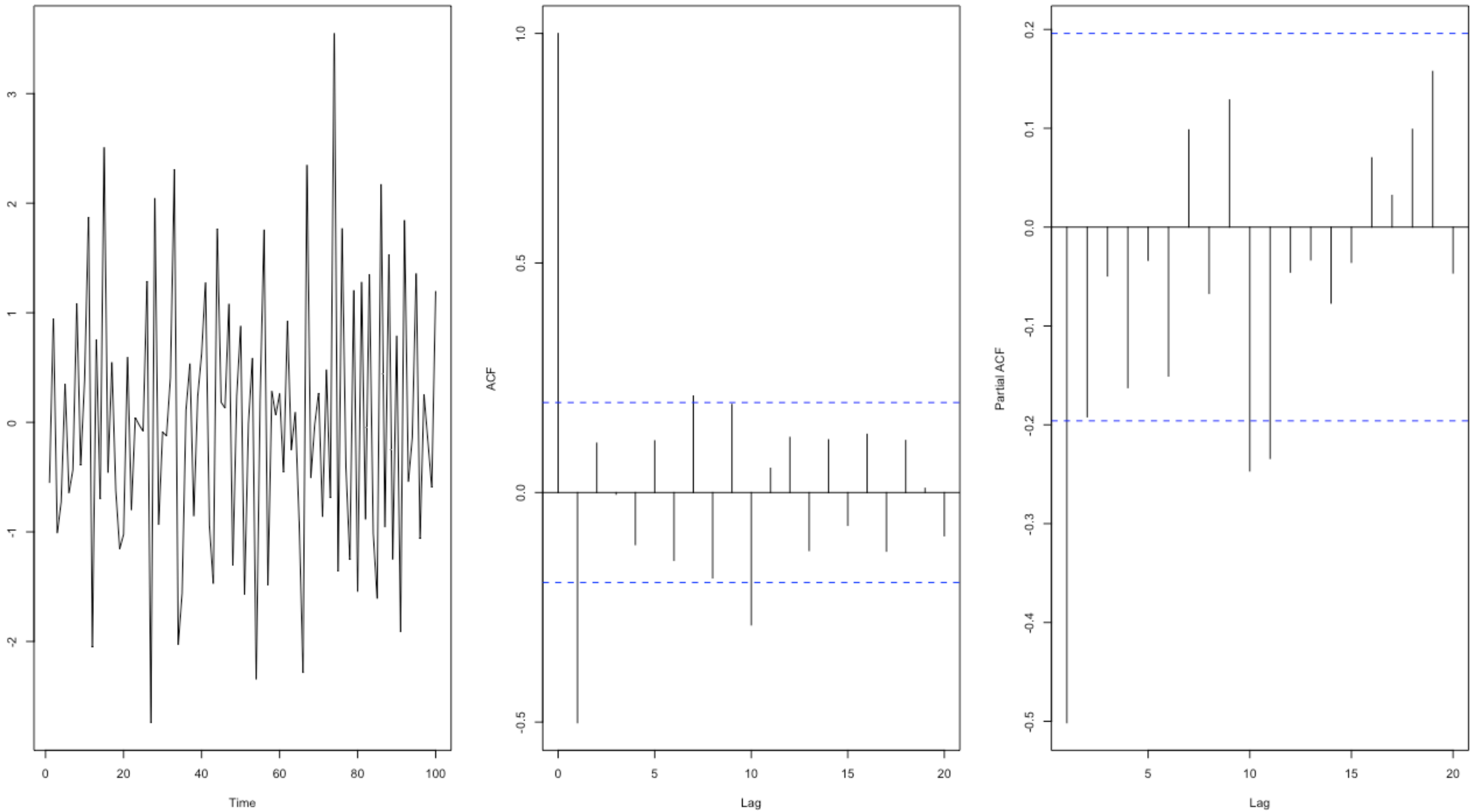
AR, MA or ARMA process?

AR, order = 2 (See PACF



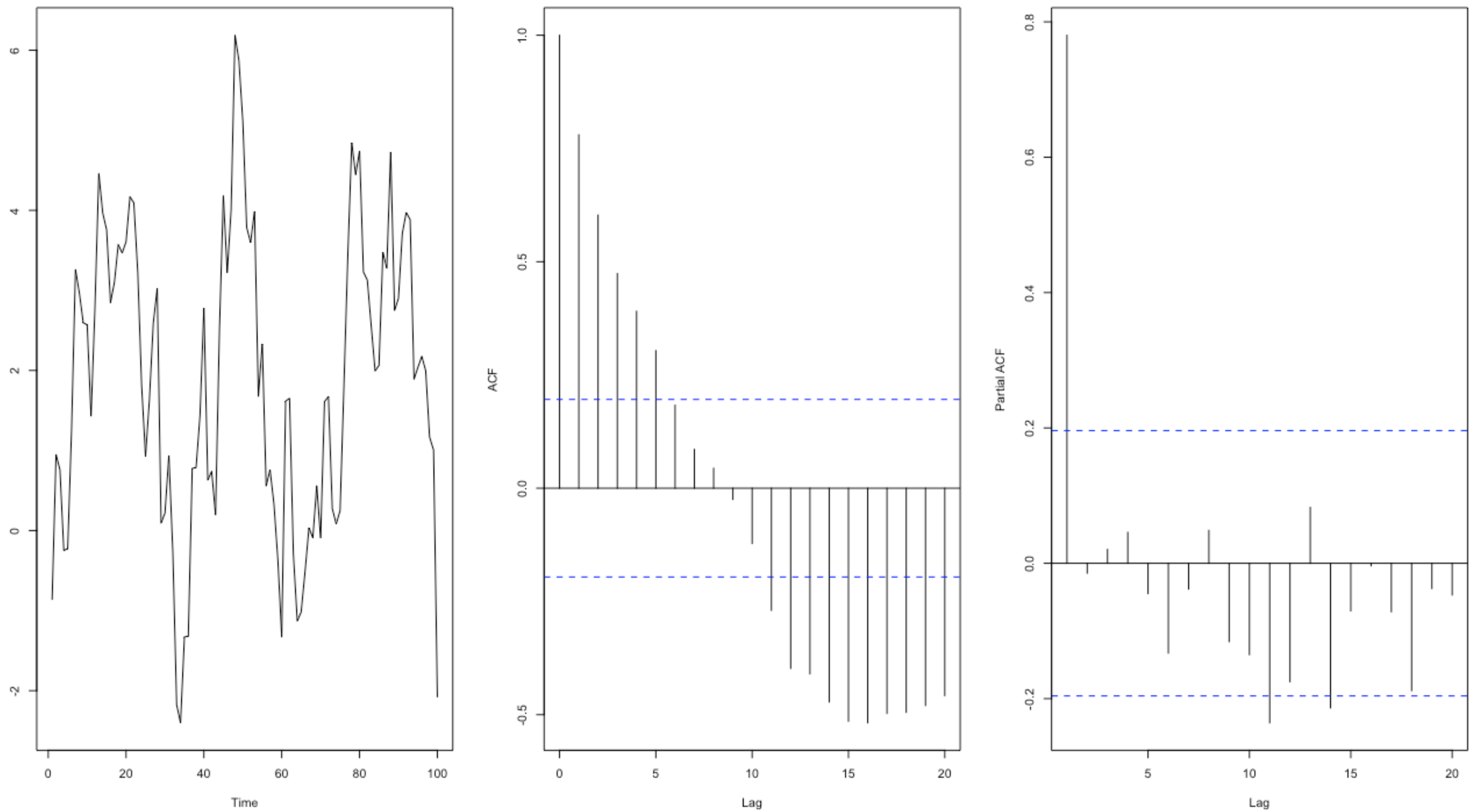
AR, MA or ARMA process?

MA, order =1 (See ACF

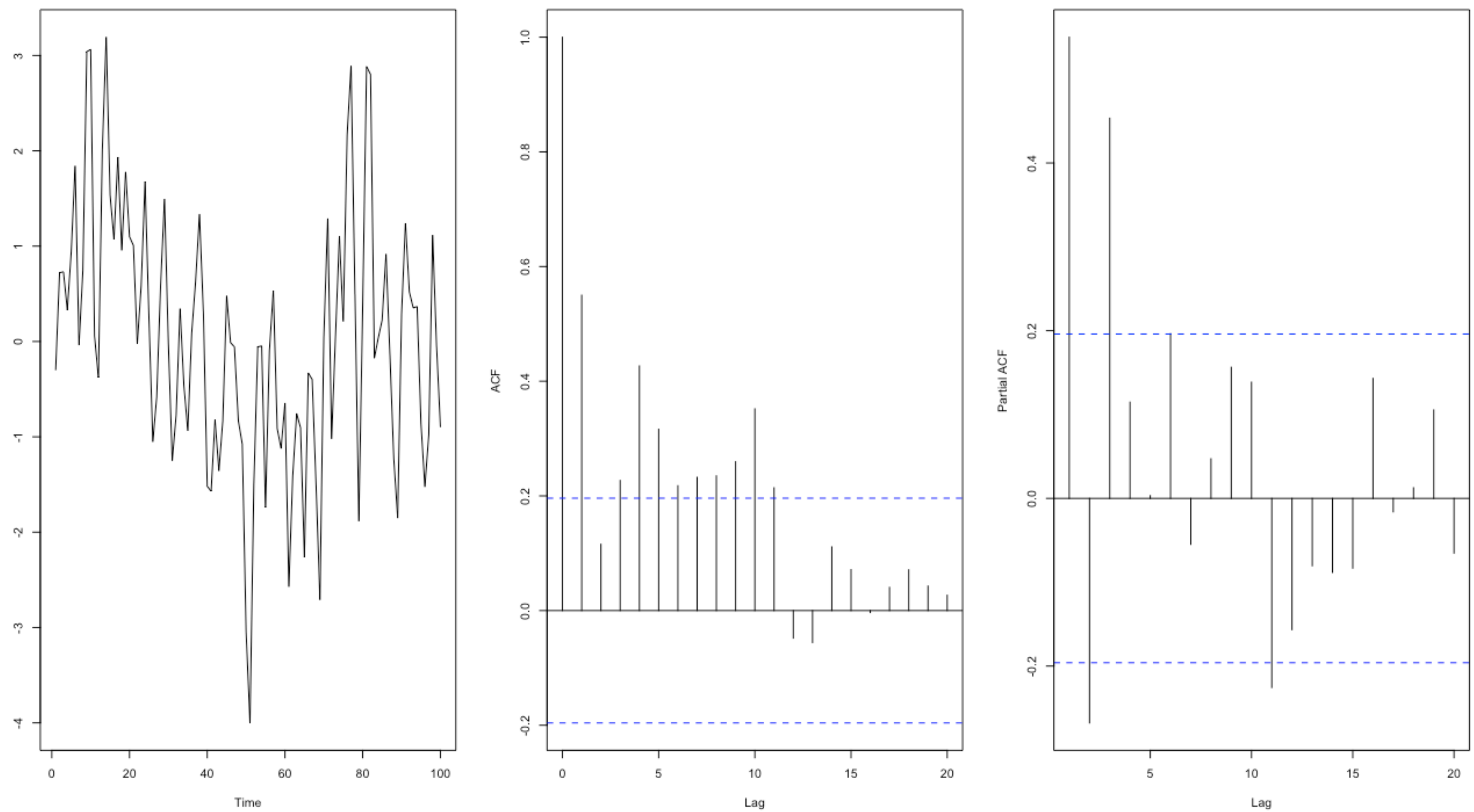


AR, MA or ARMA process?

AR, order =1

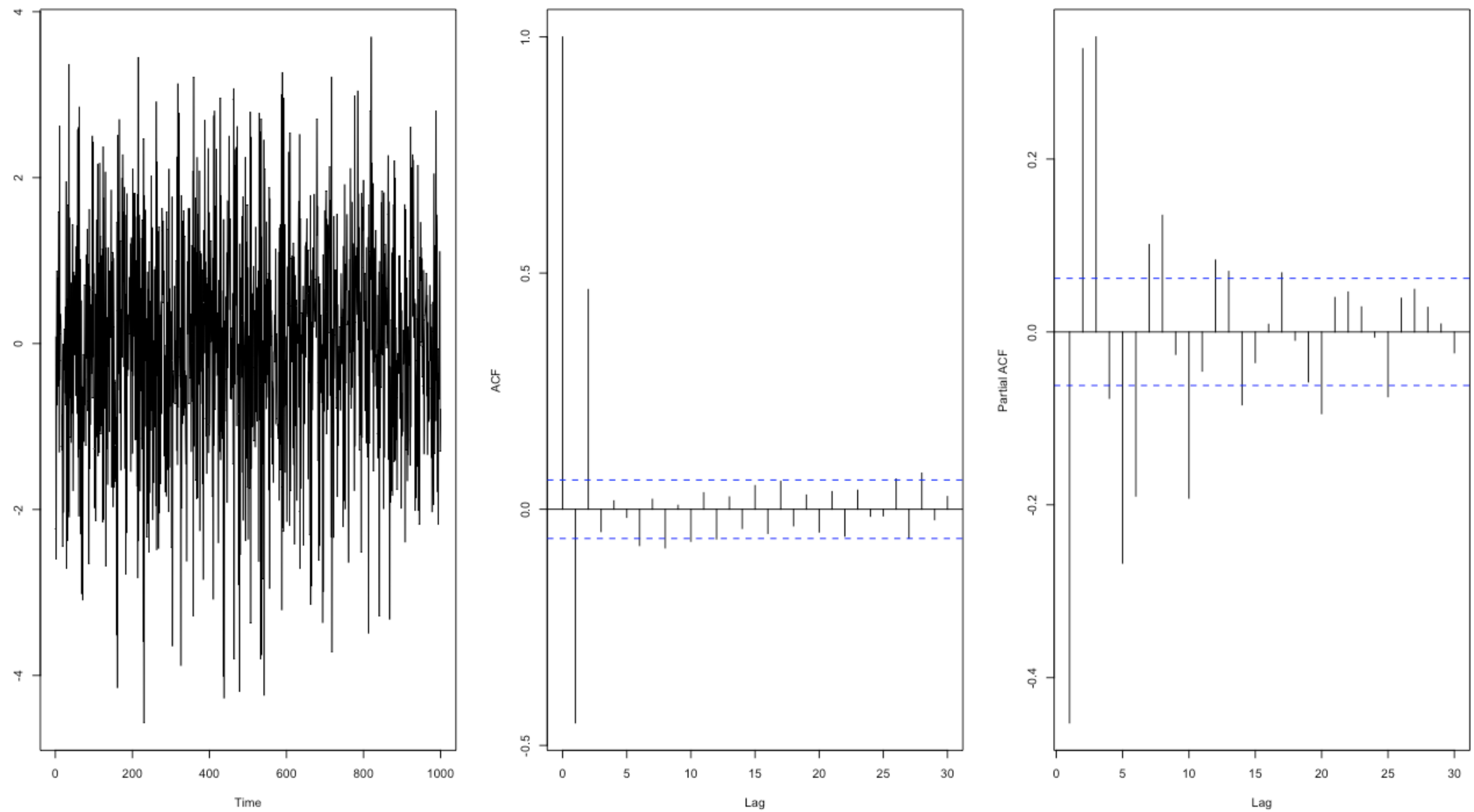


AR, MA or ARMA process?



AR, MA or ARMA process?

MA, order = 2 (ACF



AR, MA or ARMA process?

White Noise Time series