





B6:

Ho: NO AC of 
$$q$$

$$\hat{\mathcal{E}}_t = \Delta_0 + \beta_1 \cdot \chi_{1t} + \beta_2 \cdot \chi_{2t} + \dots$$

$$+ \beta_1 \cdot \hat{\mathcal{E}}_{t-1} + \dots + \beta_q \cdot \hat{\mathcal{E}}_{t-q} + Wt$$

$$\downarrow k^2 \\
\text{aux}$$

$$\downarrow M = n \cdot k^2 \sim \chi^2$$

 $LM = n \cdot R^2 \sim \chi_q^2$