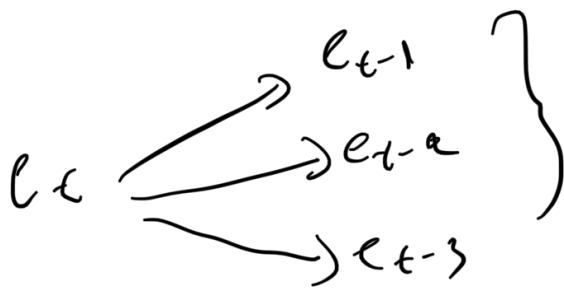


Autoregressiv

Autoregressiv

$$r_t = \alpha + e_t$$

Autoregressiv zu e_t durch autoregressiv?



*xe-vixij
u67f846f3
7.0 e_t*

$$\text{cov}(e_t, e_{t-s}) = 0 \quad \forall s, s > 1$$

- d) Korrelationskoeffizient zu e_{t-1} und e_{t-2}
- a) Breusch-Godfrey $\hat{e}_t = \beta_1 \hat{e}_{t-1} + \dots + \beta_p \hat{e}_{t-p} + \epsilon_t$

Correlation $\lambda \gamma \alpha \delta \omega$

Σ $\omega \tau \delta \tau \omega$ $\alpha \rightarrow \beta \omega \chi \tau \omega$ $\eta \rho \tau \omega \gamma \omega$

$$\hat{p}_1 = \text{corr}(\hat{e}_t - \hat{e}_{t-1})$$

Σ $\omega \tau \delta \tau \omega$ $\alpha \rightarrow \beta \omega \chi \tau \omega$ $\delta \tau \omega \gamma \omega$

$$\hat{p}_2 = \text{corr}(\hat{e}_t - \hat{e}_{t-2})$$

\vdots

$$\hat{p}_s = \text{corr}(\hat{e}_t - \hat{e}_{t-s}) \rightarrow$$

Σ $\omega \tau \delta \tau \omega$ $\alpha \rightarrow \beta \omega \chi \tau \omega$
 $s \gamma \omega \tau \omega$

οπω

$$\hat{p}_s = \frac{\sum_{t=s+1}^T \hat{e}_t \hat{e}_{t-s}}{\sum_{t=1}^T \hat{e}_t^2} \quad s = 1, 2, \dots$$

Tunika Gdajparak tou Newey-West

1) Zefxoupe to pounto pou na ginan
an avroge xthra ka amkadu group
us fodajfeh tips tu tuniki
Gdajparak pe ta tunika Gdajparak
tu Newey-West

Tous ekhritis tu ntepepeu pou na ipoupe
pe tu pidoso fjadigru zefegru
Sidmpoupe tou)

2) Aota ta tunika Gdajparak fin
afonitara se pafda Stiffara.