Friday, January 22, 2021 11:09 AM

1 Intrachet Ear

Econometrics started with Time series data

L aventew

(ore rodels to learn:

1) Autoregressive model (AR) >>> = (X+P, yent...+Pp)/E-p+PE

7) Negression model =>>= (X+ 5)x+ cx

3) Oistributed Log (OL) model

17 >>= (X+ 5)x+ + 5, + xe-1+...+ Taxx-a+PE

4) Autoregressive-Distributed Log (ADL) model

17 \(\frac{1}{2} = (X+P)/2-1+...+Pp)/2-p+Fo/2+ + Fo/2+ +

P-# logs of defendent var ligger of explanatory var ligger of explanatory var ligger of explanatory var ligger of stock

3 Standard Errors ant t Statestics

Never standard error appropriate for simple (non-dynamic)
regressions and DL models
Lytase used when serial correlation has not been madelled

4 Autoregressive models

5 vistributed lag models

Esternate in such of one var an another

6 Autoregrossive vistrebuted lag models

7 Madel selection

"Long selection is inherently a bias-variance trade-off"

8 Glursons Regnession

9 Structural Change

be vary of motion shifts within data that throw off estimates

10 Forecasting