Monday, February 8, 2021 6:40 PM

most econ variables are non-stationary

Statforary (frear models are building blacks in more complicated non-linear and/or non-stationary models

The Wald necompatition

Any stateonary process & Zt& Can be expressed of a sum of two components 1) Stochastic: If near combination of a white noise process 2) deterministic: uncorrelated with stochastic

Importance of Wald

Any statemany process can be written as a linear combination of a lagged value of a white noise process

MA(a) Processes

MA(1) Statforanfty and Engadicity

Ergodicity: A point visits on wallable Aaces

Invertissisty: Et it admits an autoregressive representation