Further Issues in using OLS with Time series John

11-1 Stationary and Weakly Dependent Time Series

II-la Statfonary and ronstationary Time Series

a stationary process has stable probabilities over time

a constance Stationary process has a constant mean and variance but covariance between It and It the depends on the size of h

11-16 Weakly Dependent Time series

between & and Leth trends towards 0 as x 400

IF instead of x, hit or it asymptomatically correlated

11-3 Using highly persistent Time series in regression analysis

11-3a Highly Pensistent rime series

It depends on It-h - random Walk

4 unit most process:

Nandom walk of drift has a Jeneral trend

11-36 Transformations of highly persistent time series

wowly dependent are integrated of order 0 [I(0)]

4 dont need transform before
regression

11-4 Bynamically Complete Models and the absence of Serial Correlation

11-2 Asymptatic Properties of OLS

[snearity and weak dependence; {(xt, yt): f:1, z,... } is stationary and weakly dependent

Na Perfect Callinearity
Lera Conditional mean
Hamoshedasticity
Na zerial Correlation