

TIME-SERIES ANALYSIS OF TOBACCO PRODUCTION IN INDIA

ABSTRACT

There are several studies on tobacco consumption and its impact on health in India as well as for other countries. But there are very few studies on tobacco production and its trend, especially for India. This study is an attempt to analyse the trend in production, yield and area under cultivation over a period of sixty years for India. Further test is the long run relationship between tobacco prices in India and three prominent tobacco production countries like China, Brazil & US over a period of thirty years. I have used univariate, ARIMA modeling and Co integration test are used to analyse these patterns. Trend analysis, showed the growth of production, yield and area Changed over the period. The results from the analysis shows that there is structural break in yield but not in area. Hence an increment in productivity. The Co integration analysis shows that Indian markets are integrated with the Chinese, Brazilian & US markets. Also Interested in seeing the tobacco production in district level and state level in India. But due to the data unavailability could not do in this dissertation, but will considered in future work.