



ABSTRACT

Transport plays a very vital role in an economic of a country and it has an interconnection always. Accessibility mobility is key areas in moving goods and peoples to market and places. There are various transport models such as land, sea and air. This research discusses the relationship between economic growth and demand for transportation modal in Sri Lanka with related to all transportation modals including land, maritime and air. Actually since history, Sri Lanka has been considered as a regional trading and logistics center in Asian trading routes. So effect of transportation is a valuable ingredient in the economy of Sri Lanka while supporting other economic sectors. Probably though there is an exact link between transportation modal demand and economic growth in Sri Lanka, throughout this research explore the degree of that relationship according to every transportation modals. So it is used three variables related to three transportation modals to represent demand and one variable to represent the economic growth of Sri Lanka. Data since past 25 years, it is used related to those variables to find out the degree of relationship between economic growth and demand for transportation modals of Sri Lanka. To analyze gathered data based on correlation statistical method, WINKS SDA Statistical Data Analysis Software is used and gets the correlation coefficient of inserted data. WINKS Statistical Data Analysis (SDA) software from TexaSoft is a well thought-out program that is intuitive, easy to learn, and packed with instructional features. As well as WINKS SDA provides all the statistical features with a more reasonable price comparing, expensive programs such as SAS or SPSS. With the explored relationship through WINKS Statistical Data Analysis (SDA) software between economic growth and demand for transport modals in Sri Lanka, can realize it's a positive moderate correlation. So according to that correlation its can conclude that there is a bilateral interactive relationship. Actually this kind of relationship reflects economic growth of Sri Lanka and transportation modal demand are linked to some