Abstrak:

The purposes of this study are (1) to prove that there are two links between the use of mode of land transport and sectoral economic growth in East Java, and (2) to explain the existence of the links in terms of type and nature of relationship and the degree of their close correlation. This study applied the pattern of retrospective observational research with cross sectional and timeseries approaches. The data used in the research was the selective secondary data from several competent institutions, e.g. Transportation and Communication Department, Statistics Central Bureau, East Java Provincial Agencies, Railway State Enterprise and River, Lake and Ferry Transport State Enterprise. The analysis based on relevant theories, that are: (1) Alfred Weber's theory on industrial with minimum cost, (2) Wilkinson Index, (3) Location Quotient Method, (4) Relationship analysis which was helped by Pearsonian Coefficient Correlation Formula and SPSS for Windows, (5) The density of good and passenger movement on the road transportation network, (6) Terms of efficiency, and (7) Wilkinson criteria. It could be concluded that the link between the Use of Mode of Land Transport and Sectoral Economic Growth in East Java obviously existed mutual and significant relationship with specification as: a. The type of links: in the shape of a two way symmetrical relationship; b. The nature of relationship: positive influence to each other; c. The degree of close correlation: (1) \( r = +0.965; \) sign.: 0.008; (2) \( r = +0.909; \) sign.: 0.037.

Keyword:

Modes of Transport and Economic Growth, Modes of Transport and Economic Growth

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Ananta, Aris Ciri Demografis Kualitas Penduduk dan Pembangunan Ekonomi Lembaga Demografi LPFE-UI 1993 Jakarta