

ABSTRACT

ANALYSIS PROBABILITY OF MODA CHOISE BETWEEN EXECUTIVE RAIL AND TRAVEL CAR BANDAR LAMPUNG – PALEMBANG

By

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Mode choice is the most important models in public transport planning. This is because the important rule of public transport in improving the efficiency and effectiveness of the movement system in a transport system. In the inter-city movement, the factor that influence choice of mode, both concerning the characteristic of users or the characteristics of transport, should be studied carefully, so that an adequate public transport system can be realized by the parties concered.

This study was conducted in order to finding the factor that affect passengers in choosing modes of transportation and get a modal choice of mode which explain probability of user transport in mode choice executive rail and travel car Bandar Lampung – Palembang. In this study the method uses is descriptive statistic to look for utility of executive rail and travel car be based on movement plant of work/official affair, social visit, school/lecture, trade and recreation. From this value of utility we can calculate probability of mode choice executive rail and travel car.

Research produc indicate that probability of mode choice be base on movement plan of work/official affair with executive rail is 61,68 % and travel car is 38,32 %, movement plan of social visit with executive rail is 83,92 % and travel car 16,08 %, and than movement plan of recreation with executive rail is 75,05 % and travel car is 24,95 %.

Keywords : mode, utility, probability