

ABSTRAK

Ricky Fernando Sianturi Nim (5172250004) Analisis pemilihan moda transportasi umum bus Trans Metro Deli dan angkutan umum MRX pada pandemic Covid-19 (Studi kasus: Trayek Amplas – Lapangan Merdeka) Skripsi. Fakultas Teknik – Universitas Negeri Medan. 2021

Transportasi yang handal, aman dan nyaman merupakan beberapa alasan memilih moda transportasi yang akan digunakan dalam mencapai tujuan. Terlebih pada masa pandemic covid 19 masyarakat lebih memilih transportasi yang lebih mengutamakan anjuran pemerintah dengan mematuhi protokol kesehatan. Seperti halnya Seperti halnya Trans Metro Deli dan MRX yang dibahas dalam penelitian ini. Dalam penelitian ini dilakukan survei, serta melakukan pengumpulan data berupa wawancara dengan penumpang angkutan Trans Metro Deli dan MRX sesuai dengan point-point (pernyataan) yang ada pada kuisisioner yang telah disusun guna mendapatkan data yang dibutuhkan. Hasil kuisisioner kemudian diolah menggunakan software Microsoft Excel 2016 dan SPSS 25 dalam melakukan analisis statistik. Hasil yang didapatkan dari analisis data yaitu didapat proporsi untuk pemilihan moda transportasi adalah 59% memilih Trans Metro Deli dan 41% memilih MRX dan dengan persentase tersebut moda yang diperkirakan dominan atau sering digunakan dalam trayek amplas- lapangan merdeka (antara Trans Metro Deli dan MRX) dengan model logit biner selisih adalah moda transportasi Trans Metro Deli.

Kata kunci : Transportasi, Angkutan Umum, Covid 19, Transmetro Deli, Model Logit Biner Selisih

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ABSTRACT

Ricky Fernando Sianturi Nim (5172250004) Analysis of the selection of public transportation modes for Trans Metro Deli buses and MRX public transportation in the Covid-19 pandemic (Case study: Sandpaper Route – Merdeka Square) Thesis. Faculty of Engineering – Medan State University. 2021

Reliable, safe and comfortable transportation are some of the reasons for choosing the mode of transportation that will be used to reach the destination. Especially during the COVID-19 pandemic, people prefer transportation that prioritizes government recommendations by complying with health protocols. As is the case with Trans Metro Deli and MRX which are discussed in this study. In this study, a survey was conducted, as well as collecting data in the form of interviews with passengers of Trans Metro Deli and MRX transportation in accordance with the points (statements) contained in the questionnaire that had been compiled in order to obtain the required data. The results of the questionnaire were then processed using Microsoft Excel 2016 and SPSS 25 software to perform statistical analysis. The results obtained from data analysis are that the proportion for the choice of transportation mode is 59% choosing Trans Metro Deli and 41% choosing MRX and with that percentage the mode that is estimated to be dominant or often used in the sandpaper-free field route (between Trans Metro Deli and MRX) with the binary logit model the difference is the Trans Metro Deli mode of transportation.

Keywords: Transportation, Public Transportation, Covid 19, Transmetro Deli, Binary Logit Model Difference

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