ANALISA PERMODELAN KARAKTERISTIK PERJALANAN DENGAN BERBASISSEKOLAH PADA PEGAWAI DAN GURU, SEKOLAH DASAR HINGGA MENENGAHATAS MUHAMMADIYAH DI WILAYAH PERKOTAAN

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Abstrak

Dalam pertumbuhan disuatu kota, akan muncul berbagai aspek. Salah satunya adalah pusat pendidikan yang modern dan menjadi hal yang sangat pesat serta menonjol dari suatau berkembangan suatu kota. Dapat kita lihat fungsi dari kota Jember yang semakin kompleks, yaitu bahwa bidang pendidikan berkembang sangat pesat. Hal ini terlihat dengan keberadaan sekolah di hampir semua subdivisi, baik SD, SMP dan SMA/SMK. Menurut data tahun 2020 yang diperoleh dari (BPS) Badan Pusat Statistik kabupaten Jember jumlah sekolah pada 3 kecamatan di kota Jember untuk SD Muhammadiyah 1, SMP Muhammadiyah1, SMK Muhammadiyah 1 dan SMA Muhammadiyah 3. Metode penelitian dengan melakukan penyebaran kuisoner yang berjumlah responden 168. Data yang didapat diolahmenggunakan software dari SPSS *(Statistical Program for Social Science)* dengan analisa regresi linier berganda. Hasil yang didapat yaitu tarikan hasil pemodelan analisa regresi linear berganda pada Y2B = 1,807 + 0,165 (Jarak) + 0,566 (Keamanan) + 0,45 (Ukuran Jalan) + e, dengan nilai R^2 adalah 0,684 dan Standar Error of Estimate ialah 0,98049 atau 0,98049/hari (satuan nan digunakan ialah variable terkait/sekolah). Dengan karakteristik perjalanan yaitu tujuan/keperluan sebagaifaktor yang mempengaruhi tarikan perjalanan pada sekolah SD, SMP, SMK, SMA Muhammadiyah Jember.

Keywords: Sekolah, Kuisyoner, SPSS (Statistical Program for Social Science), Karakteristik Perjalanan.

SCHOOL-BASED ANALYSIS OF TRAVEL CHARACTERISTICS MODELINGFOR EMPLOYEES AND TEACHERS, ELEMENTARY TO TOP MUHAMMADIYAH SCHOOLS IN URBAN AREAS

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Abstrac

In the growth of a city, various aspects will emerge. One of them is a modern education center and becomes a very rapid and prominent thing from the development of acity. Looking at the increasingly complex functions of the city of Jember, here we can see that the field of education is growing very rapidly. This can be seen by the existence of schools in almost all subdivisions, both elementary, junior high and high school / vocationalschool. According to 2020 data obtained from the Central Bureau of Statistics of Jember district, the number of schools in 3 sub-districts in Jember city for Muhammadiyah 1 elementary school, Muhammadiyah 1 junior high school, Muhammadiyah 1 vocational high school and Muhammadiyah 3 high school. The research method is by filling out a questionnaire with 168 respondents. The data obtained is processed using SPSS (StatisticalProgram for Social Science) software with multiple linear regression analysis. The results obtained are the pull of multiple linear regression analysis modeling results in Y2B = 1.807

+ 0.165 (Distance) + 0.566 (Security) + 0.45 (Road Size) + e, with an R^2 value of 0.684 andStandard Error of Estimate is 0.98049 or 0.98049 / day (nan units used are related variables

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