

Diah Novita Sari. The Impact of Village Funds on Basic Infrastructure and Economic Infrastructure of Villages. Supervised by Selamat Joko Utomo, S.E., M.E.

ABSTRACT

This study examines the impact of Village Funds (Dana Desa) on the development of road infrastructure and economic infrastructure in Indonesian villages using panel data from the Village Building Index (IDM) for 2020-2022, covering more than 72,000 villages, analyzed through an ordered logit panel model for road quality, a panel data regression model for economic infrastructure indicators, and a panel logit model for the presence of shop clusters. The results show that Village Funds have a significant effect on road quality, although the direction runs contrary to expectations, whereas population, village area, number of village officials, frequency of village deliberations, internet access, and village information boards consistently show positive and significant effects. In contrast, Village Funds have no significant effect on most economic infrastructure indicators, except for a weak positive effect on small retail stores (toko kelontong), while governance-related and demographic variables show a more consistent influence on economic infrastructure outcomes. These findings suggest that the effectiveness of Village Funds in improving village infrastructure depends more on local governance capacity and regional characteristics than on the amount of funds disbursed alone.

Keywords: Economic Infrastructure, Ordered Panel Logit Model, Panel Data Regression, Panel Logit Model, Road Infrastructure, Village Funds.

Diah novita sari. Dampak Dana Desa Terhadap Infrastruktur Dasar dan Infrastruktur Ekonomi. Dibawah bimbingan Selamat Joko Utomo, SE,ME.

ABSTRAK

Penelitian ini menganalisis dampak Dana Desa terhadap infrastruktur jalan dan infrastruktur ekonomi desa di Indonesia menggunakan data panel Indeks Desa Membangun (IDM) tahun 2020-2022 yang mencakup lebih dari 72.000 desa, dianalisis melalui model ordered logit panel untuk kualitas jalan, regresi data panel untuk indikator infrastruktur ekonomi, dan model logit panel untuk keberadaan kelompok toko. Hasil penelitian menunjukkan bahwa Dana Desa berpengaruh signifikan terhadap kualitas jalan desa, meskipun arahnya berlawanan dengan ekspektasi, sementara jumlah penduduk, luas wilayah, jumlah perangkat desa, frekuensi musyawarah desa, akses internet, dan papan informasi desa secara konsisten berpengaruh positif dan signifikan. Sebaliknya, Dana Desa tidak berpengaruh signifikan terhadap sebagian besar indikator infrastruktur ekonomi, kecuali pengaruh positif yang lemah terhadap toko kelontong, sementara variabel tata kelola dan demografis menunjukkan pengaruh yang lebih konsisten terhadap infrastruktur ekonomi. Temuan ini mengindikasikan bahwa efektivitas Dana Desa dalam meningkatkan infrastruktur desa lebih ditentukan oleh kapasitas tata kelola lokal dan karakteristik wilayah dibandingkan besaran dana yang disalurkan semata.

Kata Kunci: Dana Desa, Infrastruktur Ekonomi, Infrastruktur Jalan, Model Logit Panel, Model Ordered Logit Panel, Regresi Data Panel.