ABSTRACT

Public transport is a transportation service provided to facilitate someone to go somewhere without having to own a vehicle. The number of people who are in place - the hustle of the city led to the increasing number of urban transportation. Therefore, it needs a data showing the distribution of passengers in point - the point hustle per trajectory so that the transportation department can control the number of operating public transportation on the road. Dots crowd that does not exist in the data provided will be interpolated using Indicator Kriging. The results of this modeling has maps spread of transport users in the city of Bandung, then look for the highest urban transportation in the district of Bandung using criteria and processed using analytical hierarchy process. Semivariogram used is the exponential model with the smallest RMSE value of 46% compared to other semivariogram models and the results of the analytical hierarchy process shows users the highest urban transportation is Bojongloa Kaler districts with weight value of city transport users the largest combined 8.87% of 26 districts in the city Bandung.

Keywords: City Transportation, semivariogram, Indikator Kriging, *analytical hierarchy process.*