

PEMODELAN INDEKS PEMBANGUNAN MANUSIA DI PROVINSI JAWA TENGAH TAHUN 2017 MENGGUNAKAN ANALISIS REGRESI SPASIAL

Title	PEMODELAN INDEKS PEMBANGUNAN MANUSIA DI PROVINSI JAWA TENGAH TAHUN 2017 MENGGUNAKAN ANALISIS REGRESI SPASIAL
Author Order	of
Accreditation	4
Abstract	This research discussed about model of Human Development Index (HDI) in Central Java with spatial regression analysis. and identify variables that give significant influence. First, analyze the influence factors based on result of p-value from t test in multiple linear regression models. Then, made spatial weight matrix with queen contiguity method. After that, estimate spatial regression models, namely spatial autoregressive (SAR), Spatial error models (SEM), and spatial autoregressive moving average (SARMA) and choose the best model based on minimum AIC value. The results showed that SAR was the best spatial regression model and the significant variables was the gross enrollment rates at senior high schools, the health workers, and the district minimum wages. All of them that give positive influences. The variable that give biggest influence for HDI was the health workers.
Publisher Name	Jurusan Matematika FMIPA Universitas Jenderal Soedirman
Publish Date	2019-06-28
Publish Year	2019
Doi	
Citation	
Source	Jurnal Ilmiah Matematika dan Pendidikan Matematika
Source Issue	Vol 11 No 1 (2019): JMP Edisi Juni 2019
Source Page	45-58
Url	http://jos.unsoed.ac.id/index.php/jmp/article/view/1958
Author	Dr NUNUNG NURHAYATI, S.Si, M.Si