

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

<b>Title</b>	PEMODELAN INDEKS PEMBANGUNAN MANUSIA DI PROVINSI JAWA TENGAH TAHUN 2017 MENGGUNAKAN ANALISIS REGRESI SPASIAL
<b>Author Order</b>	3 of 3
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<b>Abstract</b>	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 autoregive 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. Full Article
<b>Publisher Name</b>	Jurusan Matematika FMIPA Universitas Jenderal Soedirman
<b>Publish Date</b>	2020-05-18
<b>Publish Year</b>	2020
<b>Doi</b>	DOI: 10.20884/1.jmp.2020.12.1.1936
<b>Citation</b>	
<b>Source</b>	Jurnal Ilmiah Matematika dan Pendidikan Matematika
<b>Source Issue</b>	Vol 11 No 1 (2019): Jurnal Ilmiah Matematika dan Pendidikan Matematika
<b>Source Page</b>	45-58
<b>Url</b>	
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