

p-ISSN 1979-3693
e-ISSN 2477-0647

Media Statistika

Terakreditasi Sinta Peringkat S2
SK Kemenristekdikti No 21/E/KPT/2018

Selection of Input Variables of Nonlinear Autoregressive
Neural Network Model for Time Series Data Forecasting

Implementation of Locally Compensated Ridge-Geographically
Weighted Regression Model in Spatial Data with Multicollinearity
Problems (Case Study: Stunting among Children Aged Under
Five Years in East Nusa Tenggara Province)

Structural Equation Modeling with Generalized Structured
Component Analysis on the Relationship between Renumeration
and Motivation on Employee Performance at UIN Sunan Kalijaga
Yogyakarta

Modeling East Java Indonesia Life Expectancy using
Semiparametric Regression Mixed Spline Truncated and Fourier
Series

Identification of Rainfall Distribution in West Sumatera and
Assessment of its Parameters using Bayes Method

Susceptible Infected Recovered (SIR) Model for Estimating
Covid-19 Reproduction Number in East Kalimantan and Samarinda

Forecasting Farmer Exchange Rate in Central Java Province
using Vector Integrated Moving Average

Clustering of Earthquake Risk in Indonesia using k-Medoids
and k-Means Algorithms

A Simulation Study of Fixed-b Asymptotic Distributions in
Linear Panel Models with Fixed Effects

Analysis of Srandol-Jatingaleh Toll Queue System at Semarang
City in the End of Year 2018 with Automatic Toll Gate System
using Logistic Distribution Approach



Media
Statistika

Med.Stat.

Vol.13

No.2

Hlm. 116 - 224

Semarang
Desember 2020

p-ISSN
1979-3693

e-ISSN
2477-0647

Editor in Chief

Dr. Di Asih I Maruddani, S.Si., M.Si.

Associate Editor

Hasbi Yasin, S.Si., M.Si. Universitas Diponegoro
Alan Prahutama, S.Si., M.Si. Universitas Diponegoro

Editorial Board

Prof. Drs. Mustafid, M.Eng., Ph.D. Universitas Diponegoro
Prof. Dr. rer. nat. Dedi Rosadi, M.Sc. Universitas Gadjah Mada
Dr. Abdurakhman, M.Si. Universitas Gadjah Mada
Dr. Tarno, M.Si. Universitas Diponegoro
Dr. Budi Warsito, S.Si., M.Si. Universitas Diponegoro

Peer Reviewers

Dr. Rukun Santoso, M.Si. Universitas Diponegoro
Dr. Tatik Widiharih, M.Si. Universitas Diponegoro
Dr. Suhartono, M.Sc. Institut Teknologi Sepuluh Nopember
Dr. Dedy Dwi Prastyo Institut Teknologi Sepuluh Nopember
Prof. Dr. Budi Nurani Ruchjana Universitas Padjajaran
Dr. Sukono, M.M., M.Si. Universitas Padjajaran
Dr. Nurhayadi, M.Si. Universitas Tadulako
Dr. Bambang Suprihatin, M.Si. Universitas Sriwijaya
Dr. Epha Diana Supandi, S.Si., M.Sc. UIN Sunan Kalijaga
Dr. Walid, S.Si., M.Si. Universitas Negeri Semarang
Dra. Dwi Ispriyanti, M.Si. Universitas Diponegoro
Dra. Suparti, M.Si. Universitas Diponegoro
Drs. Sudarno, M.Si. Universitas Diponegoro
Drs. Agus Rusgiyono, M.Si. Universitas Diponegoro

Editorial Officer

Sugito, S.Si., M.Si.
Septiana Indriani, S.Si.

Editorial Address

Departemen Statistika Gedung F Lt. III
Fakultas Sains dan Matematika Universitas Diponegoro
Jl. Prof. H. Soedarto, SH, Tembalang, Semarang 50255
Telp. (024) 74789493 Fax. (024) 76480922

Website: http://ejournal.undip.ac.id/index.php/media_statistika

Email : mediastatistika@live.undip.ac.id dan mediastatistika@gmail.com

Media Statistika diterbitkan oleh Departemen Statistika FSM Undip Semarang
Terbit sejak Juni 2008. Jurnal ini terbit 2 kali setahun pada Juni dan Desember.

**Media Statistika Terakreditasi Sinta Peringkat S2 berdasarkan SK
Kemenristekdikti No 21/E/KPT/2018**

Redaksi menerima naskah yang belum pernah diterbitkan oleh media lain
berupa hasil penelitian maupun non penelitian.

Pedoman penulisan naskah Media Statistika tercantum pada bagian akhir jurnal ini.
Surat menyurat mengenai naskah yang akan diterbitkan, langganan, dan lain-lain
dialamatkan langsung ke alamat redaksi.

DAFTAR ISI

	Halaman
Selection of Input Variables of Nonlinear Autoregressive Neural Network Model for Time Series Data Forecasting Hermansah, Dedi Rosadi, Abdurakhman, Herni Utami	116 – 124
Implementation of Locally Compensated Ridge-Geographically Weighted Regression Model in Spatial Data with Multicollinearity Problems (Case Study: Stunting Among Children Aged Under Five Years in East Nusa Tenggara Province) Alfi Fadliana, Henny Pramoedyo, Rahma Fitriani	125 – 135
Structural Equation Modeling with Generalized Structured Component Analysis on the Relationship between Renumeration and Motivation on Employee Performance at UIN Sunan Kalijaga Yogyakarta Epha Diana Supandi	136 – 148
Modeling East Java Indonesia Life Expectancy using Semiparametric Regression Mixed Spline Truncated and Fourier Series Khaerun Nisa', I Nyoman Budiantara	149 – 160
Identification of Rainfall Distribution in West Sumatera and Assessment of Its Parameters using Bayes Method Ferra Yanuar, Putri Trisna Sari, Yudiantri Asdi	161 – 169
Susceptible Infected Recovered (SIR) Model for Estimating Covid-19 Reproduction Number in East Kalimantan and Samarinda Sifriyani Sifriyani, Dedi Rosadi	170 – 181

Forecasting Farmer Exchange Rate in Central Java Province using Vector Integrated Moving Average	182 – 193
Trimono, Abdulah Sonhaji, Utriweni Mukhaiyar	
Clustering of Earthquake Risk in Indonesia using K-Medoids and K-Means Algorithms	194 – 205
Isna Hidayatur Rifa, Hasih Pratiwi, Respatiwan	
A Simulation Study of Fixed-B Asymptotic Distributions in Linear Panel Models with Fixed Effects	206 – 217
Indah Rini Setyowati, Khairil Anwar Notodiputro, Anang Kurnia	
Analysis of Srandol-Jatingaleh Toll Queue System at Semarang City in the End of Year 2018 With Automatic Toll Gate System Using Logistic Distribution Approach	218 – 224
Sugito, Alan Prahutama	