STAFF HANDBOOK

DEPARTMENT OF STATISTICS

FACULTY OF SCIENCE AND DATA ANALYTICS

INSTITUT TEKNOLOGI SEPULUH NOPEMBER

LECTURERS

CURRICULUM VITAE

Dr. Agnes Tuti Rumiati, M.Sc

NIP	19570724 198503 2 002	
Email	agnes_tuti@statistika.its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 ITS	Statistika
	S2 University of Sheffield	Statistika
	S3 IPB	Statistika
Laboratorium	Statistika Sosial dan Kependudukan	
Bidang Keahlian	Small Area Estimations	
	Statistika Offisial	
	Teknik Sampling	

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/agnes-tuti/

A. Personal Identity

1	**Name**	Dr. Agnes Tuti Rumiati, M.Sc
2	Sex	Female
3	Functional Position	Lector
4	Staff ID Number	19570724 198503 2 002
5	National Lecturer Identification Number	0024075705
6	Place and date of birth	Mojokerto, 24 July 1957
7	Email	agnes_tuti@statistika.its.ac.id
8	Phone Number	081.2303.1635
9	Office Address	Departement of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	(031)5943352 / Fax. (031)5922940
11	H- Scopus index	**2**
12	Authorship Indexing	**Google Scholar :** https://scholar.google.co.id/citations?user=bDl2DnwAAAAJ&hl=en **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=56656544500
13	Subjects taught	Sampling and Survey Techniques
		Official Statistics

B. Education Background

	Bachelor	Master	Doctorate
College Name	Sepuluh Nopember Institute of Technology (ITS)	University of Sheffield	IPB
Field of Study	Mathematics	Probability and Statistics Section,	Statistics
Entry-Graduate Year	1978-1982	1994-1996	

C. Research Experiences

No.	Year	Research Title	Source of funds
1	1993	West Surabaya Restlement Study on Drainage Planning and Manufacturing Project	
2	1993	Changes in Socio-Economic Behavior of The Community Related to the Construction of Surabaya Madura Bridge	
3	1993	Feasibility Study on PT Semen Gresik Port Expansion Project	
4	1997	Evaluation Study of Integrated Regional Development Program of East Java Province, Bappeda TK. I Jatim-LPM ITS	
5	1997	Integrated Regional Development Strategy of East Java Province, Bappeda TK. I Jatim-LPM ITS	
6	1998	Potential Study of Port Development Area in Bali, West Nusa Tenggara, East Nusa Tenggara and East Timor Provinces, FTSP-ITS – PT Pelabuhan II	
7	September 2000	Investment Profile sidoarjo, P4D its research institute – Bappekab. 10/	
8	December 2000	Preparation of The Preparation of The Integrated Movement Master Plan (Gerdu) poverty alleviation (Taskin) in the province of East Java, P4D ITS Research Institute – Bappeprop. East Java	
9	December 2000	Identification of Disadvantaged Areas and Potentials in The Archipelago in East Java, P4D ITS Research Institute – Bappeprop. East Java	
10	September 2001	Investment Profile of Sidoarjo Regency around the East Ring Road, P4D ITS Research Institute – Bappekab. 10/	
11	December 2001	Islands Development Program in Sampang Regency, P4D ITS Research Institute – Bappekab Sampang	
12	December 2001	Assistance for the Construction of RainWater Reservoir (PAH) in Probolinggo Regency, P4D ITS Research Institute – Bappekab. Probolinggo	
13	December 2001	Project planning development and monitoring development program Sumenep Regency, P4D ITS Research Institute – Bappekab. Sumenep	

14	December 2001	Strategic Development Framework (KPS) 12 Subdistricts in Sampang Regency, P4D ITS Research Institute – Bappekab. Sampang	
15	December 2001	Master Plan of Integrated Poverty Alleviation Movement (Gerdu Taskin) in East Java Province, P4D ITS Research Institute – Bappeprop. East Java	
16	December 2002	Evaluation of The Implementation of Presentation of Data / Information Public Service in the City of Surabaya With Touch Screen Media (Touchscreen), Surabaya City Government with its Statistics Department Surabaya.	
17	December 2002	Preparation of Human Development Index (HDI) Probolinggo Regency	
18	July 2003	Survey of Leading Commodity Distrubusi in East Java Province Monitoring and Evaluation of The Implementation of BBM PKPS in 2003 Preparation of MasterPlan of Regional Development Planning and Control System (SP3D)" Sidoarjo Regency Customer Satisfaction PT. PERTAMINA	
19	2004	Feasibility of Construction of Stool Sludge Processing Plant Pamekasan Regency Quick And Count Survey "Presidential Election Round II Year 2004 In East Java Region	
20	2005	Monitoring and Evaluation of The Implementation of BBM PKPS in 2003 Survey of People's Expectations on Development, Leader Figure and Future of Surabaya City 2005 - 2009 Quick Count Election-Surabaya June-2005 Feasibility Study Preparation for Construction of Gresik Group Cement New Cement Plant Preparation of Poverty Indicators for Urban Areas, Case Study : Surabaya City	
21	2006	Development of Indicators in Urban Community Indicators in Environmental Management Analysis of Motor Vehicle CO, HC, and OPCT Exhaust Emissions Data (automobiles) Public Survey in the Framework of Autonomy Award East Java Fiscal Year 2006 Survey and Social Data Collection - Economy of Villagers Around the Site of MudFlow Kab. Sidoarjo Public Perception Survey on The Figure and Potential of East Java Governor Candidates Period 2007 - 2011 Evaluation of Action Program to Overcome the Impact of Fuel And Poverty Increase (PAM-DKB) in the field of investment (financial system and rural investment in East Java)	
22	2010	Assistance of Coastal and Coastal Community Empowerment Program in 2010	

		Assistance of Village/Village Potential Empowerment Program in 2010 Pre Seismik Study Sekarkurung Holcim Land Acquisition and Economic Displacement Study of The Use of Alternative Fuels for Tobacco Products in Lamongan Regency Social Mapping of People at the Construction and Operation Site of Sudirman Square Modern Market in Kediri City	
23	2011	Provision of Environmental Baseline Assessment: EBA Blok Gunting Community Development Plant Study Evaluation of Existing CSR Program and HIL Existance Study of Economic Studies of Omprongan Businesses in the Use of Alternative Coal Fuels Study on Community- Led Total Sanitation (CLTS) in 3 Districts that are Muara Enim, Lembata, and Sumedang Social Survey of Communities and Land Use of Geothermal Land Tiris Public Survey in the Framework of Autonomy Award East Java Fiscal Year 2011 Provision of Environmental Baseline Assessment: EBA Blok Gunting Community Development Plant Study Evaluation of Existing CSR Program and HIL Existance	
24	2012	Revitalization of Traditional Markets to Create a Representative Economic Area in Mojokerto City Traditional Market Relocation Policy in Mojokerto City Preparation of East Java Science and Technology Indicators in 2012 CSR Program – Sanitation Solving Community Sanitation Problems Through STBM in East Java Formulation of Corporate Social Responsibility (CSR) for Job Creation and Increase of Community Income Mapping Corporate Social Responsibility Activities by Government-Owned And Private Enterprises In East Java Social Mapping Ring 1 - Holcim Tuban Preparation of FS and DED IPAL and Biogas Development in Jombang City, East Java	
25	2013	CSR Program – Sanitation Solving Community Sanitation Problems Through STBM in East Java EDA Workshop in Indonesia Social Mapping Ring 1 - Holcim Tuban Community Satisfaction Study on The Implementation of Corporate Social Responsibility Social Mapping And Community Development (Corporate Sosial Responsibility, CSR)	

		Community empowerment in the development of domestic waste IPAL in East Java PCDP: Employment Diagnostic Analysis Papua and West Papua Province	
26	2014	Capacity Building for USRI Operators/Managers to Increase Sanitation Access in Gresik, Surabaya, and Jombang - East Java Access to Improved Sanitation and Strengthening of SMEs Using Micro-Credit Schemes in Seven Cities/Districts in East Java Microfinance For Decent Work Programme: OSH Implementation For The Clients Of Bank UMKM Jatim Social and Technical Assistance of Community Groups in the Development of IPAL and Biogas in Bojonegoro District, East Java Training on Drafting RENSTRA SKPD West Papua	
27	2015	Preparation of Housing Documents in Mojokerto City Figures	
28	2015	Implementation of The Preparation of Indonesian Information Indicators in 2015 Character Development Program Evaluation Review on Student Self Potential Development Achievement in Vocational School Referral	
29	2016	Implementation of *ITS Campus Social Respons*ibility (CSR) Program in the Community Around ITS Campus	
30	2017	School Mapping Training Around ITS Surabaya Campus	
31	2017	Quality Assurance of Education Around ITS Surabaya Campus	
32	2017	Dolly Ex-Localization Area Development Model to Transform Image Into Creative Economy-Based Educational Tourism	

D. Social Service Experiences

No.	Year	Title
1	1990	Presentation of Environmental Evaluation (PEL), Environmental Evaluation Study, RKL RPL PLTU Siman, East Java
2	1990	Presentation of Environmental Evaluation (PEL) of Mount Kelud Management Project, East Java
3	1993	Presentation of Environmental Evaluation (PEL) of Sumber Kasih Hospital Surabaya
4	1993	Presentation of Environmental Evaluation (PEL) Improvement of Muara Sungai Loh Gung Lamongan Regency, East Java
5	1993	Environmental Impact Analysis Study of Surabaya Madura Bridge Construction
6	1993	Environmental Impact Analysis Study of Malang Regional General Hospital
7	1993	Environmental Impact Analysis Study of Jember Regional General Hospital

8	1993	Presentation of Environmental Evaluation (PEL) kediri Regional General Hospital.
9	1993	Presentation of Environmental Evaluation (PEL) Sidoarjo Regional General Hospital
10	1993	Presentation of Environmental Information (PIL) pt Suri Mulya Permai
11	1993	Presentation of Environmental Information (PIL) On The Development of Barge Pier PT Semen Gresik
12	1994	Study of Environmental Management and Monitoring Plan (RKL &RPL) of Surabaya Madura Bridge Construction
13	1994	Environmental Impact Analysis Study of Pasuruan City Flood Control
14	1994	Environmental Impact Analysis Study of Bromo – Tengger – Semeru National Park Area Development
15	1995	Environmental Impact Analysis Study of Surabaya-Mojokerto Toll Road, PT Jasa Marga.
16	1995	Study of UKL and UPL maternity hospital AISYIYAH, Ponorogo
17	1998	Study of Environmental Management and Monitoring Plan (RKL &RPL) of Transmigration Settlement Development in South Kalimantan, Department of Transmigration-ITS
18	1999	UKL&UPL Study of Drilling Sacred Exploration Wells-A East Java
20	June 2001	Study of UKL-UPL of Pertamina Sacred 3D Seismic Survey, East Java
21	June 2001	STUDY UKL-UPL Seismic Survey 3D Kawengan PERTAMINA, East Java
22	June 2001	UKL-UPL Study of Drilling KTB-A Pertamina Exploration Wells, East Java
23	August 2001	STUDY UKL &UPL Drilling Exploration Wells RBT-A PERTAMINA, East Java
24	August 2001	UKL-UPL Study of DRILLING SCI-B Exploration Wells, PERTAMINA, East Java
26	June 2002	Study of UKL-UPL Seismic Survey 2D Of Suci Gresik and Lamongan PERTAMINA east Java
27	June 2002	STUDY UKL-UPL Drilling Exploration Of Cakrawati Well (CKT)-A
28	June 2002	UKL-UPL Study of Sacred Well Exploration Drilling (SCI)-C
29	June 2002	Study of UKL-UPL Of Sacred 2D Seismic Survey in Gresik and Lamongan Districts of East Java Province
30	June 2002	UKL-UPL Study of Kawengan 3D Seismic Survey in Tuban and Bojonegoro Districts of East Java Province
31	September 2002	Study of UKL-UPL Of Nona 2D Seismic Survey in Bojonegoro and Lamongan Districts of East Java Province
32	December 2002	AMDAL Study on Scout Camp Development Kwarda Jatim Pacet Mojokerto, East Java
34	January 2003	STUDY UKL-UPL Drilling Exploration Well Kedung tuban (KTB)-B in wadu village District Kedungtuban Blora
35	January 2003	Study of UKL-UPL Drilling Exploration of Sacred Wells (SCI)-C shift (C1)
36	February 2003	UKL-UPL Study of Kemangi Well Exploration Drilling (KMI)-A in Lamongan Regency, East Java
37	July 2003	STUDY UKL-UPL Drilling Exploration Of Randublatung Well (RBT)-B in Kalirejo Village Source District Keradenan Blora
38	September 2003	AMDAL Study on The Construction of Bondowoso Ring Road, East Java

39		AMDAL Study on Surabaya-Madura Bridge Construction and Its Access Roads
40	December 2003	Study of UKL-UPL Drilling Of Kedunglusi Well Exploration (KDL)-A in Temulus Village, Randublatung District, Blora Regency
41	December 2003	Monitoring of THE Implementation of UKL-UPL Drilling exploration of Randublatung Well (RBT)-1A in Sumber Village, Kradenan Subdistrict, Blora Regency
42	December 2003	Monitoring the Implementation of UKL-UPL Drilling of Sacred Exploration (SCI)-C in The Source Village of Kradenan Subdistrict of Blora Regency in Bolo Village, Ujung Pangkah Subdistrict, Gresik Regency
44	January 2004	AMDAL Study on Pon XVII Kaltim Stadium Construction in Samarinda
45	July 2004	AMDAL Study on Irrigation Network Development of D.I. Wae Dingin/D.I. Wae Laku and D.I. Wae Peot (6016 Ha)
46	2004	AMDAL Study on Suramadu Bridge Construction and Access Road, East Java
48	2006	UKL-UPL Drilling StudySumurResik Exploration #1 FormationKujung, East Tuban Block in Gresik Regency
49	2006	UKL-UPL Study of Lengowangi Well Exploration Drilling #1 Tuban Formation East Tuban Block in Gresik Regency
50	2006	UKL-UPL PemboranEksplorasiSumurGondang #2 Studies by KabupatenLamongan
52	2007	Survei publik otonomi award
53	2007	Globalization Network Research with the University of Hawaii
54	2007	*Social Mapping*in PT. Semen Dwima Agung Tuban
55	2007	Employer database at Deptrans Jombang
56	2007	Survey of Poor Households in Surabaya
57	2007	Coordinator of *Eco Asia Indonesia USAID*
58	2007	MAnusia Bappeda Sumenep Development Index
60	2008	Survei publik otonomi award
61	2008	Scr Introduction Program – Pt. Factory Holcim Indonesia Tbk., Tuban
62	2008	National Survey for Delivery of Migrant Workers in Bank Indonesia
64	2009	Survei publik otonomi award
65	2009	Development and Implementation of earthquake training for sanitationmarketing: Total Sanitation and Sanitation Marketing Project in Indonesia, World Bank
66	2009	Structuring Human Development Index (IPM)Tuban Regency
67	2009	Assistance of Patronage Model of Village Development Program as Poverty Alleviation Movement, BAPPENAS East Java Province
68	2009	Research on the impact of ProgramKPUT Village and Community Addition *Welface*in East Java, PT. Telkomsel
69	2009	Study of AMDAL PLTU East Borneo – Balikpapan Bay (2x100 MW), PT. PLN Engineering Services
70	2009	IPAL Construction in Trenggalek and Wonogiri Districts, Ministry of Rural Development
72	2010	Survei publik otonomi award
73	2010	Assistance of coastal community empowerment program, East Java Community Empowerment Center
74	2010	Assistance of village potential empowerment program, East Java Community Empowerment Center

75	2010	Studi Pra-seismik Sekarkurung, Pertamina-Petrochina of East Java
76	2010	Land acquisition and economic shift holcim, PT. ERM Indonesia
77	2010	4th Sidoarjo Mud Conference, KLH
78	2010	Review of the utilization of alternative fuels for drying Tobbaco in Lamongan Regency, Lamongan Kebupaten Government
79	2010	Social mapping of the community for construction and operational area of Sudirman Square Modern Market, Kediri City, PT. Jakarta Intiland
81	2011	Survei Public Autonomousi AwardEast Java, Jawa Pos Institute of Pro Otonomy (JPIP)
82	2011	Implementation of Enviromental Baseline assessment: EBA Block Scissors, PT. Exxon Mobil E&P Indonesia (Scissors) Limited (EMEPIGL)
83	2011	Community development study plan, PT. Holcim Indonesia Tbk.
84	2011	Evaluation of CSR Program and the existence of HIL, PT. Holcim Indonesia Tbk.
85	2011	Review of Economic Study on Drying Business in the use of alternative coal fuels, Lamongan District Government
86	2011	Social Mapping and Land use Survey of Tiris geothermal field, ESDM
87	2011	Study of Community-Led Total Sanitation (CLTS) in 3 Districts that are Muara Enim, Lembata, and Sumedang, Plan Indonesia
88	2011	Provision of public MCK like underprivileged communities based on the empowerment of the community gadon village, Tamakboyo subdistrict, Tuban Regency, LPPM
89	2011	Developing Settlement Common Latrine Model to Accelerate the Achievement of MDGs Goal (Case study: Pungging Subdistrict, Mojokerto Regency), LPPM
90	2011	Water Regulation Innovation Research – BATAM, LPPM
92	2012	Survei Public Autonomousi AwardEast Java, Jawa Pos Institute of Pro Otonomy (JPIP)
93	2012	Environmental Survey Autonomy Award, Ministry of Environment
94	2012	Traditional Market Relocation Policy in Mojokerto City, Balitbang Mojokerto City
95	2012	Organize the Indicator of Science and Technology East Java, Balitbang of East Java Province
96	2012	ProgramCSR – Sanitation, PT. Holcim Indonesia Tbk
97	2012	Community sanitation settlement through STBM in EastJava, IUWASH
98	2012	Revitalisasi Pasar Tradisional in creating economic improvement in Mojokerto, Balitbang Mojokerto City
99	2012	Mapping CSR activities by state and private companies in East Java, BAPPEDA East Java
100	2012	Formulation of Corporate Social Responsibility (CSR) for Job Creation and Income Improvement Society, ILO
101	2012	*Social Mapping* Ring 1 – Holcim Tuban, PT. Holcim Indonesia Tbk
102	2012	Establishment of FS-DED construction of IPAL and Biogas in Lumajang Regency, East Java, KLH Jakarta
103	2012	Establishment of FS-DED construction of IPAL and Biogas in Jombang Regency, East Java, KLH Jakarta
104	2012	Employment Diagnosis Analysis, SIDA-SSE Sweden

E. Scientific Article Writing Experiences in Journals

No.	Scientific Article Subject	Journal Name	Vol/No/Year

F. Oral Scientific Article Publication on Summit / Seminar Experiences

No.	Summit Name	Scientific Article Subject	Time and Place

G. Training Experiences

No.	Training Subject	Date and Place	Organizer
1	Environmental Impact Analysis Training, PSL-ITS- Bapedal Center, *Material : Questionnaire Making for Social Survey in AMDAL*	1999	
2	Environmental Training for Bapedal Tk II In East Java, Bapedal Tk I East Java *Material: Globalization of Development and Environment*	1999	
3	Training Basics of Environmental Impact Analysis, PSL-ITS- Bapedal Center, *Material : Process and Benefits of Amdal : Understanding, Approach and Benefits of Amdal*	1999	
4	Technical Guidance UKL UPL, P4D ITS Research Institute with the Surabaya City Government, *Material: Environment (Socio-Economic) Against the Consequences of Industrial Activities surrounding the Surrounding Community*	2001	
5	IPM Training, P4D ITS Research Institute with Prop Training. East Java, *Material : Status and*	2001	

	Progress of Human Development of East Java Regency and City		
6	Data Analysis Training For Regional Development, P4D ITS Research Institute with Training of East Java Province, Material : *Types of Data And Indicators For Regional Development : Indicators of Community Welfare, Poverty, HDI*	June 2002	
7	Data Analysis Training For Regional Development, P4D ITS Research Institute with Training of East Java Province, Material : *Simple Statistical Method For Regional Development Analysis : Descriptive Statistics*	June 2002	
8	Marine Technology Training, P4D ITS Research Institute with Training of East Java Province, Material: *Potential Fishermen*	September 2002	
9	AMDAL C Course, KLH ITS Research Institute, Materials : *Methods, Collection, and Analysis of Data :P About validity and Assessing the Accuracy of Sosekbud And Environmental Health Aspect Analysis*	September 2002	
10	AMDAL A Course, ITS Research Institute KLH, Material: *Social and Economic Aspects in Environmental Management, as well as The Process of Forecasting and Evaluating the Impact of Social, Economic, and Cultural Aspects*	August 2003	

11	Training on The Preparation of PDRB, Bappeda Tuban Regency, Material: *Introduction of PDRB and Implementation of PDRB*	July 2004	
12	AMDAL A Course, ITS Research Institute KLH, Material: *Social and Economic Aspects in Environmental Management, as well as The Process of Forecasting and Evaluating the Impact of Social, Economic, and Cultural Aspects*	August 2004	
13	Coastal and Marine Zoning Training, Material :*Social, Economic and Cultural data collection methods*	2005	
14	Seminars and Workshops on Empowerment of The Poor, in cooperation with the Ministry of Disadvantaged Regions of the Republic of Indonesia	2005	
15	Basic Infrastructure Development in Disadvantaged Areas, Material : *Basic and Characteristics of Disadvantaged Areas and Methods of Collecting Demographic, Social, and Economic Data Collection*	2006	
16	Seminar on Socialization of BPS Activities, Material: *The Relationship of Economic Growth with Employment and Business Opportunities in Order to Overcome Poverty in East Java*	2006	
17	Training "Socialization of PERMENDAGRI NO. 20 Year 2011", cooperation with research and development	2012	

	institute of East Java Province,Topik: *The importance of statistical analysis in order to improve the quality of research*/ Importance Of Statistical Analysis In TheRangkaInAddition to ResearchQuality.		

All the data I filled and listed in this biodata is true and can be accounted by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, 3 August 2021

(Dr. Agnes Tuti Rumiati, M.Sc)

CURRICULUM VITAE

Dr. Agus Suharsono, M.S

NIP	19580823 198403 1 003	
Email	agus_s[at]statistika.its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 ITS	Statistika
	S2 UNAIR	Ekonomi
	S3 UGM	Matematika
Laboratorium	Statistika Bisnis dan Industri	
Bidang Keahlian	Analisis Deret Waktu	
	Model Ekonometrika	
	Statistika Keuangan	

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/agus-s/

A. Personal Identity

1	**Name**	**Dr. Drs. Agus Suharsono. MS**
2	Sex	Male
3	Functional Position	Head Lector
4	Staff ID Number	19580823 198403 1 003
5	National Lecturer Identification Number	0023085806
6	Place and date of birth	Surabaya, 23 Agustus 1958
7	Email	agus_s@statistika.its.ac.id; gmagussuharsono@gmail.com
8	Phone Number	087859112299
9	Office Address	Departement of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	(031)5943352 / Fax. (031)5922940
11	H- Scopus index	**3**
12	Authorship Indexing	**Google Scholar :** https://scholar.google.co.id/citations?user=VTSddAoAAAAJ&hl=en **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=57194244050
13	Subjects taught	Marketing Management
		Introduction to Economics
		Econometricska
		Time Series
		Business Decision Analysis
		Cost Accounting

B. Education Background

	Bachelor	Master	Doctorate
College Name	Sepuluh Nopember Institute of Technology (ITS)	University of Airlangga (UNAIR)	Gajah Mada University (UGM)
Field of Study	Mathematics	Management Science	Statistics
Entry-Graduate Year			

C. Research Experiences

No.	Year	Research Title	Source of funds
1	2020	Parameter Assessment and Hypothesis Testing of Geographically Weighted Three-Parameter Bivariate Gamma Regression Model (Case Study: Infant Mortality and Maternal Mortality in North Sulawesi, Gorontalo and Central Sulawesi Provinces in 2016	Master's Thesis Research
2	2020	Estimation And Statistics Test Model Meta Structural Equation Modeling (Masem) In Disadvantaged Areas Based on Infrastructure In Java Island	PDUPT Research
3	2020	ARIMAX and FFNN Models for Kartal Money Inflow and Outflow Forecasting at Bank Indonesia	PDUPT Research
4	2019	Forecasting Economic Growth, Energy Consumption, and Carbon Emissions with a Dynamic Simultaneous Spatial Equation System Approach as the Cornerstone of Environmentally Sound Development Policy	Master's Thesis Research
5	2019	Theoretical Study of Autoregressive Integrated Moving Average (Arima) Model and Vector Autoregressive Model (VAR) With Exogenous Variables (Asean Stock Price Index Case Study),Year 2	PDUPT Research
6	2018	Theoretical Study of Autoregressive Integrated Moving Average (Arima) Model and Vector Autoregressive Model (VAR) With Exogenous Variables (Asean Stock Price Index CaseStudy), Year 1.	PDUPT Research

D. Social Service Experiences

No.	Year	Title
1	2020	Basic Statistical Quality Control Workshop for Quality Assurance staff of PT Semen Indonesia (Persero) Tbk
2	2019	Improvement of ICT-based Learning Skills and Data Science for Teachers of TK Muslimat NU in Lamongan Regency
4	2018	Monitoring the Quality of Water Production of Pdam Lamongan Regency
5	2018	IndConstituents ex Community Satisfaction Communication And Informatics Services Department of Communication, Informatics and Statistics Pasuruan City
6	2018	White Hole Towards Odf

7	2018	Empowering The Elderly to Live Healthy Around ITS
8	2018	Determination of Quality of Life Index of Elderly People urban and coastal Surabaya as a minimum service standard of social institutions using Clustering Structural Equation Modeling (Csem)
9	2018	Has Completed Community Service Activities As An Instructor In Training Activities "Classification Method Machine Learning Structural Equation Modeling

E. Scientific Article Writing Experiences in Journals

No.	Scientific Article Subject	Journal Name	Vol/No/Year
1	Modeling Vector Autoregressive (VAR) on Inflation in The City of Surabaya and Probolinggo	Technology Reports of Kansai University	Vol 63, Issue 1, Publish year 2021, ISSN 04532198
2	Forecasting Inflation in Malang City Using Autoregressive Integrated Moving Average Exogenous with Calendar Variation Effect	Technology Reports of Kansai University	Vol 62, Issue 8, Publish year 2020, ISSN 04532198
3	Modeling Economic Growth in ASEAN Countries using the Maximum Likelihood Estimation for Panel Data	Technology Reports of Kansai University	Vol 62, Issue 7, Publish year 2020, ISSN 04532198
4	Prediction of The Number of Passenger at Yogyakarta Airport	International Journal of Computing Science and Applied Mathematics (IJCSAM)5	Vol 5, Issue 2, Publish year 2019, ISSN 24775401
5	Spatial Autoregressive Model For Modeling Of Human Development Index In East Java Province	International Journal of Mechanical Engineering and Technology (IJMET)© IAEME Publication	Vol 10, Issue 1, Publish Year 2019
6	Modeling Of Autoregressive Moving Average And Vector Autoregressive For Forecasting Stock Price Index In Asean Countries	International Journal of Mechanical Engineering and Technology (IJMET)	9(11) 309-319 © 2018, ISSN 0976-6340
7	Spatial Vector Autoregressive Model with Calendar Variation for East Java Inflation and Money Supply	Applied Mathematics and Information Sciences (AMIS)	12(6) 1157-1163 © 2018, ISSN 2325-0399
8	Structural Equation Modeling The Environment, Psychology, Social Relationships Against Physical Health In Determination Quality Of Elderly Community Surabaya	International Journal Of Civil Engineering and Technology (IJCET)	9(12) 926-938 © 2018, ISSN 0976-6316

F. Oral Scientific Article Publication on Summit / Seminar Experiences

No.	Summit Name	Scientific Article Subject	Time and Place
1	The 8th Annual Basic Science International Conference (BaSic 2018) https://doi.org/10.1063/1.5062716 ISSN/ISBN 978-0-7354-1739-7	Modeling Inflation And Money Supply Using Spatial Vector Autoregressive (1,1)	2018 FMIPA UNIBRAW hapless East Java
2	The 5th International Conference on Research, Implementation, and Education of Mathematics and Sciences DOI 10.1088/1742-6596/1097/1/012075 ISSN/ISBN 1742-6596	Simulation Study To Evaluate Full Information Maximum Likelihood As Parameter Estimation Methods For Spatial Vector Autoregressive Model With Calendar Variation	2018 State University of Yogyakarta (UNY)
3	The 5th International Conference on Research, Implementation, and Education of Mathematics and Sciences DOI 10.1088/1742-6596/1097/1/012075 ISSN/ISBN 1742-6596	Gstarix Model For Forecasting Spatio-Temporal Data With Trend, Seasonal And Intervention	2018 State University of Yogyakarta (UNY)
4	9th Basic Science International Conference (BASIC 2019) DOI 10.1088/1757-899X/546/5/052075	Modeling Inflation and Money Supply using Spatial Vector Autoregressive Model with Calendar Variation: Restricted vs Non-restricted Coefficient	University ofBrawijaya, Malang
5	International Conference on Science, Mathematics, Environment and Education (ICoSMEE) DOI 10.1063/1.5139745	Quasi-Maximum Likelihood Estimation Method on Spatial Autoregressive Fixed Effect for Modeling the Economic Growth of ASEAN Countries	Unversitas Eleven March UNS, Surakarta
6	AIP Conference Proceedings DOI 10.1063/1.5139810	Development of model poverty in Java using Meta-Analysis Structural Equation Modeling (MASEM)	Unversitas Eleven March UNS, Surakarta
7	Journal of Physics: Conference Series DOI 10.1088/1742-6596/1663/1/012005	Spatial vector autoregressive model with calendar variation and its application	
8	The 3rd International Conference on Mathematics: Education, Theory and Application TWO https://doi.org/10.1063/12.0003103	Forecasting cash outflow and inflow in Jember with ARIMAX calendar variation effect	2020 Unversitas Eleven March UNS, Surakarta

9	The Third International Conference on Combinatorics, Graph Theory, and Network Topology 2019 (ICCGANT 2019) DOI 10.1088/1742-6596/1538/1/011001	Three-parameter bivariate gamma regression model for analyzing underfive mortality rate and maternal mortality rate	2020 University of Jember, Indonesia

G. Training Experiences

No.	Training Subject	Date and Place	Organizer

All the data I filled and listed in this biodata is true and can be accounted by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, 3 August 2021

(Dr. Drs. Agus Suharsono. MS)

CURRICULUM VITAE

Dr. Ismaini Zain, M.Si

NIP	19600525 198803 2 001	
Email	ismaini_z@statistika.its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 ITS	Statistika
	S2 UGM	Population Studies
	S3 UGM	Population Studies
Laboratorium	Statistika Sosial dan Kependudukan	
Bidang Keahlian	Studi Demografi	
	Analisis Data Kategorik	
	Teknik Sampling	
	Statistika Sosial	

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/ismaini-zain/

A. Personal Identity

1	**Name**	**Dr. Dra. Ismaini Zain, M.Si**
2	Sex	Female
3	Functional Position	Lector
4	Staff ID Number	196005251988032001
5	National Lecturer Identification Number	002505196009
6	Place and date of birth	Surakarta, 25 May 1960
7	Email	ismaini_z@statistika.its.ac.id
8	Phone Number	08123036678
9	Office Address	Departement of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	(031)5943352 / Fax. (031)5922940
11	H- Scopus index	**4**
12	Authorship Indexing	**Google Scholar :** https://scholar.google.co.id/citations?user=EGvDkWYAAAAJ&hl=en **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=55535265300
13	Subjects taught	Regression Analysis (S1)
		Sampling Technique (D3/S1/S2)
		Population Studies (S1/S2)
		Qualitative Data Analysis (S2)
		Official Statistics (D3/S2)
		Social Research Method (D3/S1)

A. Education Background

	Bachelor	Master	Doctorate
College Name	ITS	UGM	UGM
Field of Study	Statistics	Population Studies	Population Studies
Entry-Graduate Year	1983-1986	1992-1994	2001-2007

B. Research Experiences

No.	Year	Research Title	Source of funds
1.	2010	Censored Data Modeling On RTM and Non RTM With Tobit Regression Method	National Priority Batch II
2.	2011	Spatial Tobit Model Development	Fundamental Research Dikti
3.	2011	Study of Human Resource Availability (HR) in the framework of the establishment of the Kalimantan Institute of Technology (ITK)	Strategic Research dp2m DIKTI
4.	2012	Integrated evaluation of the successfullness of learning Process in ITS : Study about Strategy in handling Potential Drop Out Student	Dana BOPTN
5.	2013	REVITALIZATION OF THE ROLE, DUTIES AND FUNCTIONS OF GUARDIAN LECTURERS: Study of Perceptions of Students and Lecturers Towards the Function of Guardian Lecturers	Dana BOPTN

C. Social Service Experiences

No.	Year	Title
1.	2012	Competency Improvement of Madrasah Aliyah Teachers in Soft Skill and ICT Based Learning Process
2.	2013	Quality Improvement Training Teaching and Learning Process (PBM) Madrasah Aliyah Negeri (MAN) teacher Bangil e-Learning based on-Line and off-Line

D. Scientific Article Writing Experiences in Journals

No.	Scientific Article Subject	Journal Name	Vol/No/Year
1	Estimation and Test Statisticc in Bivariat Probit Model (rxc)	Journal of Basic Applied of Scientific Research	1/3/2011

E. Oral Scientific Article Publication on Summit / Seminar Experiences

No.	Summit Name	Scientific Article Subject	Time and Place

F. Training Experiences

No.	Training Subject	Date and Place	Organizer

All the data I filled and listed in this biodata is true and can be accounted by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, 3 August 2021

(Dr. Dra. Ismaini Zain, M.Si)

CURRICULUM VITAE

Dr. Ir. Setiawan, MS

NIP	19601030 198701 1 001	
Email	setiawan[at]statistika.its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 IPB	Statistika
	S2 IPB	Statistika
	S3 IPB	Statistika
Laboratorium	Statistika Ekonomi, Finansial, dan Aktuaria	
Bidang Keahlian	Ekonometrika	
	Statistika Spasial	
	Model Linier	

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/setiawan-ms/

A. Personal Identity

1	**Name**	**Dr. Ir. Setiawan, MS**
2	Sex	Male
3	Functional Position	Lektor Kepala
4	Staff ID Number	196010301987011001
5	National Lecturer Identification Number	0030106007
6	Place and date of birth	Gresik, 30-10-1960
7	Email	setiawan@statistika.its.ac.id
8	Phone Number	085257256562
9	Office Address	Departement of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	(031)5943352 / Fax. (031)5922940
11	H- Scopus index	**4**
12	Authorship Indexing	**Google Scholar :** https://scholar.google.co.id/citations?user=WWXf3kcAAAAJ&hl=en **Scopus:** https://www.scopus.com/authid/detail.uri?authorId= 55332004700
13	Subjects taught	Introduction to Economic Theory
		Regression Analysis
		Econometrics
		Mathematics Statistics
		Model Linear
		Statistical Analysis

B. Education Background

	Bachelor	Master	Doctorate
College Name	IPB	IPB	IPB
Field of Study	Statistics	Statistics	Statistics
Entry-Graduate Year	1979-1983	1989-1992	2002-2007

C. Research Experiences

No.	Year	Research Title	Source of funds
1	2011-2012	Kajian Metode Pendugaan Model Statistika Spasial Studi Kasus Model Ekonometrika Spasial Pertumbuhan Ekonomi Jawa Timur dan Jawa Tengah *Study of Spatial Statistical Model Estimation Method Case Study Spatial Econometrics Model of Economic Growth of East java and Central Java*	DP2M Dikti
2	2013	Kajian Bobot dan Metode Estimasi pada Spatial Durbin Model dan Spatial Error Model (Studi Kasus : Pemodelan Pertumbuhan Ekonomi Jawa Timur) **Sebagai Ketua** *Weight Study and Estimation Method on Spatial Durbin Model and Spatial Error Model (Case Study : Economic Growth Modeling of East Java)* ***As Principal Investigator***	BOPTN LPPM ITS Tahun 1
3	2014	Kajian Bobot dan Metode Estimasi pada *Seemingly Unrelated Regression* Spasial (Studi Kasus : Pemodelan Pertumbuhan Ekonomi Indonesia) **Sebagai Ketua** *Weight Study and Estimation Method on Seemingly Unrelated Spatial Regression (Kasus Study : Modeling Indonesia's Economic Growth)* ***As Principal Investigator***	BOPTN LPPM ITS Tahun 2
4	2015	Peramalan Permintaan Uang Kartal dengan Pendekatan Model Ekonometrika Spasial-Temporal Sebagai Landasan Strategi Bank Indonesia untuk Kebijakan Peredaran Uang **Sebagai Ketua** *Forecasting Demand for Money Kartal denganApproach Spatial Econometrics Model-Temporal As The Basis of Bank Indonesia Strategy forMoney Circulation Policy* ***As Principal Investigator***	DP2M Dikti HIKOM Tahun 1

No.	Year	Research Title	Source of funds
5	2015	Estimasi Parameter model VARX dan VARMAX serta terapannya pada pemodelan harga saham blue chip di Indonesia **Sebagai Anggota** *Estimated Parameters of VARX and VARMAX models and their application on blue chip share price modeling in Indonesia* ***As A Member***	BOPTN PUPT ITS Tahun 1
6	2016	Peramalan Permintaan Uang Kartal dengan Pendekatan Model Ekonometrika Spasial-Temporal Sebagai Landasan Strategi Bank Indonesia untuk Kebijakan Peredaran Uang **Sebagai Ketua** *Forecasting Demand for Money Kartal denganApproach Spatial Econometrics Model-Temporal As The Basis of Bank Indonesia Strategy forMoney Circulation Policy* ***As Principal Investigator***	DRPM HIKOM Tahun 2
7	2016	Pemetaan Infrastruktur Dasar dan Lingkungan Masyarakat di sekitar Kampus ITS Surabaya Penelitian Kebijakan **Sebagai Ketua** *Mapping Basic Infrastructure and Community Environment around Campus ITS Surabaya* *Policy Research* ***As Principal Investigator***	BOPTN ITS
8	2016	Estimasi Parameter model VARX dan VARMAX serta terapannya pada pemodelan harga saham blue chip di Indonesia **Sebagai Anggota** *Estimated Parameters of VARX and VARMAX models and their application on blue chip share price modeling in Indonesia* ***As A Member***	BOPTN PUPT ITS Tahun 2
9	2017	Peramalan Permintaan Uang Kartal dengan Pendekatan Model Ekonometrika Spasial-Temporal Sebagai Landasan Strategi Bank Indonesia untuk Kebijakan Peredaran Uang **Sebagai Ketua** *Forecasting Demand for Money Kartal With Approach Spatial Econometrics Model-Temporal As The Basis of Bank Indonesia Strategy for Money Circulation Policy* ***As Principal Investigator***	DRPM HIKOM Tahun 3
10	2017	Rancangan Pola Kemitraan Pemerintah dan Swasta untuk Pemberdayaan Masyarakat Berbasis Kewirausahaan di Dolly	Lokal ITS

No.	Year	Research Title	Source of funds
		Sebagai Anggota *Draft Government and Private Partnership Pattern for Community Empowerment* *Entrepreneurship Based in Dolly* ***As A Member***	
11	2017	Model Inkubasi Bisnis untuk Peningkatan Perekonomian Masyarakat di Sekitar ITS **Sebagai Anggota** *Business Incubation Model forImproving People's Economy di Around ITS* ***As A member***	Lokal ITS
12	2018	Survei Publik dalam Rangka Otonomi Awards Ayo Insklusif! Di Jawa Timur Tahun Anggaran 2018 The Jawa Pos Institut E Of Pro-Otonomi" Sebagai Anggota *Public Survey in the Framework of Autonomy Awards Let's Be Inclusive! In East Java Fiscal Year 2018 The Jawa Pos Institut E Of Pro-Autonomy"* ***As a Member***	Jawa Pos
13	2018	Joint Research Studi Kelayakan Program Gandrung Jkn (Gerakan Desa Urun Barengjkn) Di Kab. Banyuwangi Sebagai Ketua *Joint Research Feasibility Study Gandrung Jkn Program (Urun Barengjkn Village Movement) In Banyuwangi* ***As Principal Investigator***	BPJS Pusat
14	2018	Pengembangan Kawasan Dolly Berbasis Kemitraan Triple Helix Sebagai anggota *Dolly Area Development Based on Triple Helix Partnership* ***As a member***	Lokal ITS
15	2018	Pengembangan Wisata Edukasi Berbasis Industri Kreatif di Eks Lokasi Dolly Sebagai anggota *Development of Creative Industry-Based Educational Tourism in Dolly's Former Location* ***As a member***	Lokal ITS
16	2019-2020	Pengembangan Model Spasio Temporal Untuk Peramalan Kebutuhan Pangan Sebagai Landasan Kebijakan Menuju Swasembada Pangan	BRIN

No.	Year	Research Title	Source of funds
		Development Of Temporal Spatial Model For Food Needs Forecasting As A Policy Basis Towards Food Self-Sufficiency	
17	2019	Peramalan Pertumbuhan Ekonomi, Konsumsi Energi, dan Emisi Karbon dengan Pendekatan Sistem Persamaan Simultan Spasial Dinamis sebagai Landasan Kebijakan Pembangunan Berwawasan Lingkungan *Forecasting Economic Growth, Energy Consumption, and Carbon Emissions with a Dynamic Simultaneous Spatial Equation System Approach as the Cornerstone of Environmentally Sound Development Policy*	BRIN
18	2020 - 2021	Pendekatan Quasi Maximum Likelihood pada Sistem Persamaan Simultan Spasial Dinamis Data Panel dan Penerapannya pada Model Pertumbuhan Ekonomi Negara ASEAN *Quasi Maximum Likelihood Approach to Dynamic Spatial Equation System Data Panel and Its Application to ASEAN Country's Economic Growth Model*	BRIN
19	2021	Pemodelan Persamaan Simultan Data Panel dalam Small Area Estimation untuk Pemetaan Kemiskinan *Modeling Simultaneous Equations of Panel Data in Small Area Estimation for Poverty Mapping*	BRIN

D. Social Service Experiences

No.	Year	Title
1	2013	Lecturer : Workshop on Modeling and Spatial Time Modeling on January 17th & 18th 2013 at Brawijaya University **Sebagai Pembicara Kunci** *Lecturer : Workshop on Modeling and Spatial Time Modeling on January 17th & 18th 2013 at Brawijaya University* ***As Keynote Speaker***
2	2014	Survey Kepuasan Pelanggan LPG PT Pertamina **Sebagai Ketua** *LPG Customer Satisfaction Survey of PT Pertamina* ***As Principal Investigator***
3	2014	Peramalan Potensi Pasar Sepeda Motor di Jawa Timur dan NTT **Sebagai Ketua** *Forecasting the Potential of Motorcycle Market in East Java and NTT* ***As Principal Investigator***
4	2014	Studi program CSR PT Petrocina **Sebagai Anggota**

No.	Year	Title
		Study csr program of PT Petrocina ***As member***
5	2014	Pelatihan Pemodelan *Econometric Time Series* dengan Program SAS di Bank Indonesia **Sebagai Pembicara (Ketua)** *Econometric Time Series Modeling Training with SAS Program at Bank Indonesia* ***As Speaker (Leader)***
6	2014	Workshop Pemodelan Spatio Temporal dalam Rangkaian Konferensi Nasional Matematika XVII 9-10 Juni di ITS Surabaya **Sebagai Pembicara Kunci** *Spatio Temporal Modeling Workshop in The Series of National Conference on Mathematics XVII 9-10 June at ITS Surabaya* ***As Keynote Speaker***
7	2015	Peningkatan Kemampuan Analisa Data Berbasis Statistika Bagi Dosen Sekolah Tinggi Keguruan dan Ilmu Pendidikan (STKIP) PGRI Tulungagung **Sebagai Pembicara (Ketua)** *Improved Statistical-Based Data Analysis Capabilities For Lecturers of Higher Education dan Education (STKIP) PGRI Tulungagung* ***As Speaker (Leader)***
8	2015	Analisis Pola Aktifitas dan Potensi Wilayah untuk Pengembangan Bisnis di Kawasan Pelabuhan Teluk Lamong Surabaya **Sebagai Anggota** *Analysis of Activity Patterns and Regional Potentials for Business Development in Teluk Lamong Port Area surabaya* ***As Member***
9	2015	Kajian Evaluasi Program Pembinaan Karakter Terhadap Prestasi Pengembangan Potensi Diri Siswa pada SMK Rujukan/ SMK Pesantren/SMK Kelautan **Sebagai Tenaga Ahli** *Evaluation Study of Character Development Program On Performance of Self Potential Students pthere SMK Reference/ SMK Pesantren/SMK Marine* ***As An Expert***
10	2015	Grant IUWASH Peningkatan Akses Sanitasi dan Penguaan SME dengan Skema Mikro Kredit di 7 Kota/Kabupaten di Jawa Timur **Sebagai Tenaga Ahli** *Grant IUWASH Improved Access to Sanitation and Use of SME with MicroCredit Scheme in 7 Kota/Kabupaten in East Java* ***As An Experts***
11	2015	Sosialsisi Pemasangan Jaringan Pipa Gas di Kota Surabaya Oktober- Desember 2015 **Sebagai Nara Sumber**

No.	Year	Title
		Socialization of Pipa Gas Network Installation in Surabaya October- December 2015 ***As a Speaker***
12	2015	Seminar Penyusunan Indikator Kependudukan Kota Surabaya **Sebagai Nara Sumber** *Seminar on The Preparation of Population Indicators in Surabaya* ***As a Speaker***
13	2015	WORKSHOP PEMODELAN SPATIO TEMPORAL DATA MINING DAN OPTIMISASI 22- 26 November 2015 Hotel Sawunggaling Bandung **Sebagai Pembicara Kunci** *WORKSHOP* *SPATIO TEMPORAL DATA MINING MODELING AND OPTIMIZATION* *22- 26 November 2015* *Sawunggaling Bandung Hotels* ***As Keynote Speaker***
14	2016	Analisis Sosial Ekonomi Masyarakat Terhadap Kegiatan Pengeboran Sumur Minyak dan Gas Bumi di Kawasan Tanggulangin dan sekitarnya di Kabupaten Sidoarjo Sebagai Ketua Tim *Socio-Economic Analysis of Oil and Gas Well Drilling Activities in Tanggulangin and surrounding Areas in Sidoarjo Regency* *As Team Leader*
15	2016	Penyusunan Roadmap CSR (PKBL) PT PELINDO III Sebagai Anggota Tim *Preparation of CSR Roadmap (PKBL) of PT PELINDO III* ***As a Team Member***
16	2016	SEAMS School of Mathematics as a series workshop on Spatio Temporal Data Mining And Optimization Modeling". 9-19 Agustus di UNPAD **Sebagai Pembicara Kunci** *SEAMS School of Mathematics as a series workshop on* *Spatio Temporal Data Mining And Optimization Modeling".* *9-19 August at UNPAD* ***As Keynote Speaker***
17	2017	Penyusunan Roadmap CSR (PKBL) PT PELINDO III Tahap 2 Sebagai Anggota Tim *Preparation of CSR Roadmap (PKBL) of PT PELINDO III* *Stage 2* ***As a Team Member***
18	2017	Pelatihan Pemetaan Mutu Sekolah Di Sekitar Kampus ITS Surabaya

No.	Year	Title
		Sebagai Anggota Tim *School Quality Mapping Training Around ITS Surabaya Campus* ***As a Team Member***
19	2018	Pemberdayaan Lansia untuk Hidup Sehat di Sekitar ITS *Empowering The Elderly to Live Healthy Around ITS*
20	2018	Mengembangkan Kampung Literasi ITS Bertema Kesehatan di TBM 3 Keputih sebagai Laboratorium Pembelajaran Sepanjang Hayat *Developing Its Health-Themed Literacy Village in TBM 3 Keputih as a LifeLong Learning Laboratory*
21	2018	Penyusunan Laporan Pemutakhiran Basis Data PBB Daerah Kabupaten Sidoarjo Badan Pelayanan Pajak Daerah Kabupaten Sidoarjo *Preparation of The United Nations Database Update Report Sidoarjo District Tax Service Agency Sidoarjo*
22	2018	Pengembangan Sistem Informasi Perencanaan Penganggaran (SIPP) Bappeda Kota Madiun" *Development Of Budgeting Planning Information System (SIPP) Bappeda Madiun City"*
23	2018	"Penyedia Sarana Mck Dan Elektrifikasi Rumah Tangga Di Kota Mojokerto Pelindo III" *"Provider Of Mck Facilities And Household Electrification In Mojokerto Pelindo III"*
24	2018	Penyusuna Indeks Kepuasan Masyarakat Layanan Komunikasi Dan Informatika Dinas Komunikasi, Informatika Dan Statistika Kota Pasuruan Sebagai anggota Tim *Community Satisfaction Index Builder Communication And Informatics Services Office of Communication, Informatics and Statistics Pasuruan City* ***As a team member***
25	2019	Studi Analisis dan Penetapan Target Kinerja Indikator Layanan Keterjangkauan Layanan Infrastruktur (IKLI) Kabupaten Probolinggo, Badan Perencanaan Pembangunan Daerah Kabupaten Probolinggo Sebagai anggota tim *Study of Analysis and Determination of Performance Target of Infrastructure Service Affordability Service Indicator (IKLI) probolinggo regency, Probolinggo District Development Planning Agency* ***As a team member***
26	2019	Penyusunan Dokumen Analisis Tingkat Pengangguran Terbuka, Badan Perencanaan Pembangunan Daerah Kabupaten Tuban *Preparation Of Open Unemployment Rate Analysis Document, Tuban District Development Planning Agency*

No.	Year	Title
27	2019	Konsultasi Penilaian Kampung Binaan Pelindo III *Assessment Consultation of Pelindo III Assisted Village*
28	2020	Penyusunan Dokumen Analisis Nilai Tukar Petani Kabupaten Tuban Tahun 2020 *Preparation of The Document of Exchange Rate Analysis of Farmers in Tuban Regency in 2020*
29	2021	Penyusunan Masterplan Air Limbah Domestil Kabupaten Kediri *Preparation of Wastewater Masterplan Domestil Kediri Regency*

E. Scientific Article Writing Experiences in Journals

No.	Scientific Article Subject	Journal Name	Vol/No/Year
1	Toward a Hierarchical Bayesian Framework for Modeling the Effect of Regional Diversity on Household Expenditure [Ismartini Pudji, Iriawan Nur**, Setiawan**, Ulama Brodjol Sutijo Supri]	Journal of Mathematics and Statistics. Science Publication New York USA (indexed in SCOPUS).	8(2) : 283-291, 2012
2	Ridge Regression in Calibration Models with Symmetric Padding Extension-Daubechies Wavelet Transform Preprocessing [Nurwiani, S Sunaryo, BW Otok**, Setiawan]**	The Journal of Modern Applied Statistical Methods (indexed in SCOPUS).	**Current Issue: Volume 14, Issue 2 (2014)**
3	S-GSTAR-SUR Model for Seasonal Spatio Temporal Data Forecasting [Setiawan, **Suhartono and Mike Prastuti]**	Malaysian Journal of Mathematical Sciences (indexed in SCOPUS).	10(S) March : 53- 65 (2016)
4	GSTARX-GLS MODEL FOR SPATIO-TEMPORAL DATA FORECASTING **[Suhartono, Sri Rizqi Wahyuningrum, and** Setiawan]	Malaysian Journal of Mathematical Sciences (indexed in SCOPUS).	10(S) March : 91-103 (2016)
5	Bayesian seemingly unrelated regression modeling of gross regional domestic product using direct Monte Carlo [Santosa, A.B., Iriawan, N., **Setiawan**, Dokhi, M.	Far East Journal of Mathematical Sciences (indexed in SCOPUS).	Volume 101, Issue 10 (May 2017)
6	Labor absorption and the growth of agricultural output: A simultaneous spatial durbin panel data model perspective of fiscal decentralization's impact in Indonesia	Jurnal of Advanced Research in Law and Economics	Vol 10 No 4 (2019): JARLE Vol X Issue 4(42) Summer 2019

No.	Scientific Article Subject	Journal Name	Vol/No/Year
7	**Prediction of PM10 Pollutant in Surabaya using Generalized Space-Time Autoregressive Moving Average**	Investigacion Operacional, 2020, 41(7), pp. 990–998	

F. Oral Scientific Article Publication on Summit / Seminar Experiences

No.	Summit Name	Scientific Article Subject	Time and Place
1	Basic Science International Conference	SUR with Spatial Effect for Modeling Main Sector GDP in East Java [Ardilliansah HP, **Setiawan**, Sutikno]	24-25 February 2012 Brawijaya University, *Malang Ind*
2	National Conference on Mathematics XVI, Indonesian Mathematical Association	Analisis empirical Regional Economic Growth in Central Java Province with Simultaneous Equation System Approach [Imam Safawi, **Setiawan,** Sutikno]	3-6 July 2012 Bandung Indonesia,
3	National Seminar of MIPA	Modeling pdrb industrial sector in SWP Gerbangkertosusila and Malang-Pasuruan with SDEM Approach [AbdulKarim, **Setiawan]**	24-25 November 2012 FMIPA UNESA, Surabaya
4	National Seminar of MIPA	Estimasi Spatial Autoregressive Model with Autoregressive Disturbances dengan Pendekatan Two-Step Generalized Method of Moments [Firda Fadri, **Setiawan]**	24-25 November 2012 FMIPA UNESA, Surabaya Indonesia
5	International Conference on Mathematics, Statistics and its Applications	Modeling of GRDP Manufacturing Industries Sector in East Java : a Spatial Durbin Model Approach **[Setiawan]**	19-21 November 2012 Bali Indonesia,
6	International Conference on Statistics in Science, Business and Engineering: "Empowering Decision Making with Statistical Sciences	Model criticism for log-normal hierarchical Bayesian models on household expenditure in Indonesia [Ismartini P, Iriawan,N, **Setiawan,** Supri Ulama, B.S]	ICSSBE 2012 Proceedings, 2012
7	National Seminar development Rural Resources and Local Wisdom ,	Modeling unemployment Open in Indonesia with Approach Spatial Econometrics Data Panel	Dates 26-27 November 2013 UNSOED Purwokerto

No.	Summit Name	Scientific Article Subject	Time and Place
		[Marsono and **Setiawan]**	
8	National Seminar TechnoogyManagement,	Application *Generalized Method Of Moments* pada Simultaneous Equations Dynamic Pane for Modeling growth Economy in Indonesia [Khairul Andri Lubis, **Setiawan**	November 2nd 2013 TechnoogyManagement, MMT ITS, Surabaya
9	Int. Conf. of Mathematics, Statistics and Its Application	S-GSTAR-SUR Model for Seasonal Spatio Temporal Data Forecasting **[Setiawan**, Suhartono and Mike Prastuti]	October 14-16, 2014 University of Malaysia Terengganu Singapore, Singapore
10	Int. Conf. of Mathematics, Statistics and Its Application	GSTARX-GLS MODEL FOR Spatio-Temporal Data Forecasting [Suhartono, Sri Rizqi W, and **Setiawan]**	October 14-16, 2014 University of Malaysia Terengganu Singapore, Singapore
11	International Conference on Statistics and Mathematics 2014 (ICSM'14),	Spatial Simultaneous Equation Model : Case Study Empirical Analysis of Regional Economic Growth in Jawa Tengah Province **[Setiawan,** Sutikno, Imam Safawi]	27-28 November 2014 Surabaya – Indonesia
12	National Conference on Mathematics XVIII IndoMS	Fiscal Policy Economic Analysis : Spatial Seemingly Unrelated Regression (SSUR) toStimulate Government Spending [Arum Anuravega, Agus Suharsono,and **Setiawan]**	11 - 14 June 2014, ITS Surabaya,
13	National Seminar on Mathematics Educationika Ahmad Dahlan(SENDIKMAD)	*Autoregressive* Spatial Sur Bayesian Modeling in Heteroskedastisitas Cases [Adiatma, **Setiawan]**	Yogyakarta, 27 December 2014
14	National Seminar on the Role of Mathematics and Pend Mathematics dlm Facing Global Issues	Estimation of Parameters of Simultaneous Equation Model System on Dynamic Panel Data with GMM Arellano danBond [AryaFendha, **Setiawan]**	March 7th, 2015 FKIP University of Muhammadiyah Surakarta
15	International Conference on Science and Science Education (IconSSE)	The Simulation Studies for Generalized Space Time Autoregressive-X (GSTARX) Model [Junta Dwi Kurnia, **Setiawan**, Santi Princess Rahayu]	August 1, 2015 Satya Wacana Christian University

No.	Summit Name	Scientific Article Subject	Time and Place
16	*Proceedings of* the National Seminar on Mathematics and Mathematics Education 2015	Durbin Model Spatial Parameter Estimation with Bayesian Approach [SitiSoraya, **Setiawan,**Santi Puteri Rahayu]	25 April 2015, State University of Surabaya
17	2nd International Conference on Research, Implementation and Education of Mathematics and Science (2nd ICRIEMS)	Modeling Economic Growth of Districts in the Province of Bali Using Spatial Econometric Panel Data Model [NiKetut Tri Utami and **Setiawan]**	Yogyakarta, 17 – 19 May 2015
18	Proceedings of IICMA 2015	Inflation Convergence Analysis Among Provinces In Indonesia By Using Spatial Dynamic Panel Model AB-GMM and SYS-GMM [Afni Hasriati, **Setiawan,** Agus Suharsono]	Depok 3-4 November 2015
19	the 2nd Innovation and Analytics Conference & Exhibition2015 (IACE 2015**)**.	Forecasting of Monthly Inflow and Outflow Using Time Series Regression and ARIMAX: The EidFitri Effect' [ImamSafawi, **Setiawan,**Suhartono, and Nunun Hilyatul]	Singapore, Singapore 29 Sep– 1 Oct 2015 AIP Publishing NY 11747-4502 USA **indexed by the SCOPUS**
20	the 2nd Innovation and Analytics Conference & Exhibition2015 (IACE 2015**)**.	Configuring Calendar Variation Based on Time Series Regression Method for Forecasting of Monthly Inflow and Outflow Money Currency in Central Java **[Setiawan,** Suhartono, Imam Safawi Noorgam]	Singapore, Singapore 29 Sep– 1 Oct 2015 AIP Publishing LLC Suite 1NO1, 2 NY 11747-4502 USA **indexed by the SCOPUS**
21	AIP Conference Proceedings > Volume 1825, Issue 1 10.1063/1.4978995	Gross regional domestic product estimation: Application of two-way unbalanced panel data models to economic growth in East Nusa Tenggara province Wahyu Wibowo, Elisabeth B. Yours, Setiawan	AIP Conference Proceedings > Volume 1825, Issue 1 10.1063/1.4978995
22	AIP Conference Proceedings | vol: 2021 | issue : | 2018-10-17 | Conference Proceedin	Efficient estimation of simultaneous equations of spatial durbin panel data model	
24	Journal of Physics: Conference Series | vol: 1097 | issue : 1 | 2018-10-12 |	GSTARIX Model for Forecasting	

No.	Summit Name	Scientific Article Subject	Time and Place
	Conference Proceeding	Spatio-Temporal Data with Trend, Seasonal and Intervention	
25	AIP Conference Proceedings | vol: 2021 | issue : | 2018-10-17 | Conference Proceedin	Modeling inflation and money supply using spatial vector autoregressive (1,1)	
26	Journal of Physics: Conference Series | vol: 974 | issue : 1 | 2018-03-22 | Conference Proceeding	GSTAR-SUR Modeling with Calendar Variations and Intervention to Forecast Outflow of Currencies in Java Indonesia	
27	AIP Conference Proceedings | vol: 2194 | issue : | 2019-12-18 | Conference Proceeding	Quasi-maximum likelihood estimation method on spatial autoregressive fixed effect for modeling the economic growth of ASEAN countries	
28	Journal of Physics: Conference Series | vol: 1863 | issue : 1 | 2021-04-19 | Conference Proceedin	Forecasting Inflow and Outflow of Currency in Central Java using ARIMAX, RBFN and Hybrid ARIMAX-RBFN	
29	Journal of Physics: Conference Series | vol: 1490 | issue : 1 | 2020-06-09 | Conference Proceeding	A Review of Panel Data on Spatial Econometrics Models	

G. Training Experiences

No.	Training Subject	Date and Place	Organizer

All the data I filled and listed in this biodata is true and can be accounted by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, 3 August 2021

(Dr. Ir. Setiawan, MS.)

CURRICULUM VITAE

Dr. Purhadi, M.Sc

NIP	19620204 198701 1 001	
Email	purhadi[at]statistika.its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 ITB	Matematika
	S2 Waseda University	Jepang
	S3 UGM	Matematika
Laboratorium	Statistika Lingkungan dan Kesehatan	
Bidang Keahlian	Statistika Inferensia	
	Model Linier Tergeneralisir	

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/dr-purhadi/

A. Personal Identity

1	**Name**	**Dr. Purhadi M.Sc**
2	Sex	Male
3	Functional Position	Head Lector
4	Staff ID Number	19620204 198701 1 001
5	National Lecturer Identification Number	0004026208
6	Place and date of birth	Sidoarjo, 04 Februari 1962
7	Email	purhadi@statistika.its.ac.id
8	Phone Number	085731855792
9	Office Address	Departement of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	(031)5943352 / Fax. (031)5922940
11	H- Scopus index	**7**
12	Authorship Indexing	**Google Scholar :** https://scholar.google.com/citations?user=FXybXIsAAAAJ&hl=id **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=54917567400
13	Subjects taught	Calculus
		Probability
		Mathematical Statistics
		Qualitative Data Analysis
		Inference Statistics
		Linear Model

B. Education Background

	Bachelor	Master	Doctorate
College Name	ITB	Universitas Waseda Tokyo	Universitas Gadjah Mada
Field of Study	Mathematics	Mathematics-Statistics	Mathematics-Statistics
Entry-Graduate Year	1981-1986	1990-1992	2002-2005

C. Research Experiences

No.	Year	Research Title	Source of funds
1	2016	Parameter Assessment And Statistical Tests In Geographically Weighted Poisson Inverse Gaussian Regression Models (Case Study number of new cases of HIV in East Java province in 2013)	Laboratory Research spp/dpp ITS
2	2017	Determination of Minimum Service Control Standards for The Prevalence of Ispa and Diarrhea of a Region with a Spatial Approach to Mars and Generalized Bivariate Poisson Regression	Excellent Basic Research of PT Kemenristekdikti
3	2018	Parameter Assessment And Hypothesis Testing On Geographically Weighted Trivariate Generalized Poisson Regression. (Case Study: Number of Infant Deaths, Toddlers and Maternal Deaths in East Java Province in 2017)	Competency Grants Kemenristekdikti
4	2019	Parameter Assessment And Hypothesis Testing On Geographically Weighted Trivariate Generalized Poisson Regression.(Case Study : Number of Infant Deaths, Toddlers and Maternal Deaths in East Java Province in 2017)	Competency Grants Kemenristekdikti
5	2019	Optimization of Tablet Quality Characteristics With Second Order Multirespon Surface Method And Genetic Algorithm	Kemenristekdikti Dissertation Research Grant
6	2019	Modeling maternal mortality and infant mortality in North Sumatra province in 2016 with Geographically Weighted Bivariate Gamma Regression method	Kemenristekdikti Thesis Research Grant
7	2020	Development of Mixed Geographically Weighted Multivariate Negative Binomial Regression (Case Study: Number of Leper Patients Pausi Basiler, Leprosy Multi Basiler and Other Infectious Diseases in East Java Province	Competency Grants Kemenristekdikti
8	2020	Parameter Assessment and Hypothesis Testing Geographically Weighted Three-Parameter Bivariate Gamma Regression Model (CaseStudy : Infant Mortality and Maternal Mortality in North Sulawesi, Gorontalo and Central Sulawesi Provinces in 2016)	Thesis Research Grant Kemenristekdikti

No.	Year	Research Title	Source of funds
9	2020	Parameter assessment and hypothesis testing Geographically Weighted Bivariate Zero Inflated Generalized Poisson Regression (CaseStudy : Number of Deaths of Pregnant Women and Nifas Mothers in Karisedenan Subdistrict Pekalongan Central Java Year 2017	Thesis Research Grant Kemenristekdikti
10	2020	Parameter Assessment And Hypothesis Testing On Geographically Weighted Multivariate Poisson Inverse Gaussian RegresI Model (Case Study: Number of Infant Deaths, Toddlers and Maternal Deaths in Java Island)	Master's Education Research Towards Doctorate For Excellent Bachelor

D. Social Service Experiences

No.	Year	Title
1	2016	Biostatistics Analysis Training at The Institute of Research and Community Service of Majapahit Mojokerto College of Health Sciences
2	2017	Dissemination of Research Results in The Field of Environment And Health, In The City of Surabaya From the Laboratory of Environment And Health Department of Its Statistics
3	2017	Dissemination of Research Results in The Field of Environment And Health, In Pasuruan City From the Laboratory of Environment And Health Department of Its Statistics
4	2018	Qualitative Research Methodology Training at the Faculty of Veterinary Medicine, Airlangga University, Surabaya (July 31 - August 2, 2018)
5	2019	Biostatistics Analysis Training at The College of Health Sciences (Stikes) Jombang
6	2020	Biostatistics Analysis Training at Mojokerto College of Health Sciences (Stikes)

E. Scientific Article Writing Experiences in Journals

No.	Scientific Article Subject	Journal Name	Vol/No/Year
1	Parameter Estimation of Geographically Weigthed Multivariate Poisson Regression	Applied Mathematical Sciences	Vol. 9, 2015, No. 82, 4081 – 4093
2	Parameter Estimation Of Geographically Weighted Multivariate T Regression Model	Journal of Theoretical and Applied Information Technology	Vol.92. No.1 , ISSN: 1992-8645
3	Parameter Estimation of Geographically Weighted Trivariate Weibull Regression Model	Applied Mathematical Sciences.	Vol. 10, 2016, No. 18, 861 – 878 HIKARI Ltd, www.m-hikari.com
4	Geographically Weighted Bivariate Poisson Regression to Modelling of the Number of HIV and AIDS Cases in Central Java Province	International Journal of Applied Mathematics and Statistics,Int. J. Appl. Math. Stat.	Vol. 56; Issue No. 1; Year 2017, ISSN 0973-1377 (Print), ISSN 0973-7545 (Online)

No.	Scientific Article Subject	Journal Name	Vol/No/Year
5	Multivariate Weibull Regression Model	*Far East Journal of Mathematical Sciences (FJMS) © 2017 Pushpa Publishing House, Allahabad, India.*	*Volume 101, Number 9, 2017, Pages 1977-1992 ISSN: 0972-0871*
6	Comparison of Nelder Mead and BFGS Algorithms on Geographically Weighted Multivariate Negative Binomial	*International Journal on Advanced Science Engineering Information Technology 2019*	*Volume 9, Number 3, ISSN: 2088-5334*
7	Multivariate gamma regression: Parameter estimation, hypothesis testing, and its application	*Symmetry 2020 MDPI*	*Volume 12 Number 5, ISSN: 2073-8994*
8	Geographically Weighted Multivariate Logistic Regression Model and Its Application	*Abstract and Applied Analysis 2020 Hindawi Publishing Corporation*	*Vol 2020 Number 7391 ISSN 10853375*
9	Parameter Estimation and Hypothesis Testing of Geographically Weighted Multivariate Generalized Poisson Regression	*Mathematics MDPI 2020*	*Vol 8 EDITION 1523 ISSN 2227-7390*
10	Parameter Estimation and Hypothesis Testing of Multivariate Poisson Inverse Gaussian Regression	*Symmetry 2020 MDPI*	*Vol 12 Issue 10 ISSN 2073-8994*

F. Oral Scientific Article Publication on Summit / Seminar Experiences

No.	Summit Name	Scientific Article Subject	Time and Place
1.	Parameter Estimation and Hypothesis Testing on Bivariate Generalized Poisson Regression	Proceeding Of 3rd International Conference On Research, Implementation And Education Of Mathematics And Science Yogyakarta, , 16 – 17 May 2016	Studied Matematika Universitas Negeri Yogjakarta
2.	Parameter Estimation and Hypothesis Testing Geographically Weighted Bivariate Zero-Inflated Poisson	Proceeding Of 3rd International Conference On Research, Implementation And Education Of Mathematics And Science Yogyakarta, , 16 – 17 May 2016	Studied Matematika Universitas Negeri Yogjakarta
3.	Parameter Estimation and Statistical Test in Modeling Geographically Weighted Poisson Inverse Gaussian Regression	Proceeding Of 3rd International Conference On Research, Implementation And Education Of Mathematics And Science Yogyakarta, 16 – 17 May 2016	Studied Matematika Universitas Negeri Yogjakarta
4	Bivariate zero inflated generalized Poisson regression model in the number of pregnant maternal mortality and the number of postpartum	Journal of Physics: Conference Series, 2020, 1511, 012055, 1742-6596	

No.	Summit Name	Scientific Article Subject	Time and Place
	maternal mortality in the Central Java Province in 201		

G. Book Writing Experiences

No.	Book Subject	Year	Number of Pages	Publisher

H. Training Experiences

No.	Training Subject	Date and Place	Organizer

I. Awards (From Government, association or other institutions)

No.	Award Type	Awarding Institution	Year

All the data I filled and listed in this bio data is true and can be accounted by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, 3 August 2021

(Dr. Purhadi, M.Sc)

CURRICULUM VITAE

Dr. Muhammad Mashuri, M.T

NIP	19620408 198701 1 001	
Email	m_mashuri[at]statistika.its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 ITS	Statistika
	S2 ITB	Manajemen Industri
	S3 ITB	Matematika
Laboratorium	Statistika Bisnis dan Industri	
Bidang Keahlian	Statistika Pengendalian Proses	
	Analisis Multivariat	
	Statistika Industri	

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/m-mashuri/

A. Personal Identity

1	**Name**	**Dr. Drs. Muhammad Mashuri, M.T.**
2	Sex	Male
3	Functional Position	Head Lector
4	Staff ID Number	196204081987011001
5	National Lecturer Identification Number	0023097204
6	Place and date of birth	08 April 1962
7	Email	m_mashuri@statistika
8	Phone Number	031-5925949/ 0818502987
9	Office Address	Departement of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	(031)5943352 / Fax. (031)5922940
11	H- Scopus index	**8**
12	Authorship Indexing	**Google Scholar :** https://scholar.google.co.id/citations?user=IKkiX-QAAAAJ&hl=en **Scopus:** https://www.scopus.com/authid/detail.uri?authorId= 23019105400
13	Subjects taught	1. Operation Management
		2. Quality Management
		3. Statistical Quality Control
		4. Six Sigma

B. Education Background

	Bachelor	Master	Doctorate
College Name	Sepuluh November Institute of Technology	Bandung Institute of Technology	Bandung Institute of Technology
Field of Study	Statistics	Industrial Management	Mathematics
Entry-Graduate Year	1980	1991	2002

C. Research Experiences

No.	Year	Research Title	Source of funds
1	2020	Pengembangan Diagram Kontrol Robust Mixed Hotelling's T2 berbasis PCA Mix dengan Dynamic Control Limit untuk Network Anomaly Detection II *Development of Robust Mixed Control Diagram Hotelling's T2 based on PCA Mix with Dynamic Control Limit for Network Anomaly Detection II*	Dana Lokal- ITS
2	2020	Pengembangan Diagram Kontrol Multivariate Berbasis Kernel Principal Component Analysis untuk Mixed Variable dan Attribute Quality Characteristics I *Development of Kernel Principal Component Analysis-Based Multivariate Control Diagrams for Mixed Variable and Attribute Quality Characteristics I*	PDUPT-Ristekdikti
3	2020	PENGEMBANGAN DIAGRAM KONTROL MULTIVARIAT UNTUK PENGAMATAN INDIVIDUAL DALAM KONTEKS BIG DATA III *DEVELOPMENT OF MULTIVARIATE CONTROL DIAGRAMS FOR INDIVIDUAL OBSERVATIONS IN THE CONTEXT OF BIG DATA III*	PMDSU-Ristekdikti
4	2019	Penerapan Diagram Kontrol Trace R2 untuk Memonitor kualitas Proses Produksi Air Minum II *Implementation of Trace R2 Control Diagram to Monitor the Quality of Drinking Water Production Process II*	PTUPT-Ristekdikti
5	2019	PENGEMBANGAN DIAGRAM KONTROL MULTIVARIAT UNTUK PENGAMATAN INDIVIDUAL DALAM KONTEKS BIG DATA II *DEVELOPMENT OF MULTIVARIATE CONTROL DIAGRAMS FOR INDIVIDUAL OBSERVATIONS IN THE CONTEXT OF BIG DATA II*	PMDSU-Ristekdikti
6	2019	Pengembangan Diagram Kontrol Robust Mixed Hotelling's T2 berbasis PCA Mix dengan Dynamic Control Limit untuk Network Anomaly Detection I *Development of Robust Mixed Control Diagram Hotelling's T2 based on PCA Mix with Dynamic Control Limit for Network Anomaly Detection I*	PDUPT-Ristekdikti
7	2018	Penerapan Diagram Kontrol Trace R2 untuk Memonitor kualitas Proses Produksi Air Minum I	PTUPT-Ristekdikti

No.	Year	Research Title	Source of funds
		Implementation of Trace R2 Control Diagram to Monitor the Quality of Drinking Water Production Process I	
8	2018	Pengembangan Diagram Kontrol Max-MCUSUM dan Max-MEWMA Berbasis Residual Model Multioutput Least Square SVR (MLS-SVR) untuk Autocorrelated Data III *Development of Max-MCUSUM and Max-MEWMA Control Diagrams Based on Residual Model Multioutput Least Square SVR (MLS-SVR) for Autocorrelated Data III*	PMDSU-Ristekdikti
9	2018	Pengembangan Diagram Kontrol Multivariat untuk Deteksi Intrusi III *Development of Multivariate Control Diagrams for Intrusion Detection III*	PMDSU-Ristekdikti
10	2018	PENGEMBANGAN DIAGRAM KONTROL MULTIVARIAT UNTUK PENGAMATAN INDIVIDUAL DALAM KONTEKS BIG DATA I *DEVELOPMENT OF MULTIVARIATE CONTROL DIAGRAMS FOR INDIVIDUAL OBSERVATIONS IN THE CONTEXT OF BIG DATA I*	PMDSU-Ristekdikti
11	2017	Pengembangan Diagram Kontrol Max-MCUSUM dan Max-MEWMA Berbasis Residual Model Multioutput Least Square SVR (MLS-SVR) untuk Autocorrelated Data II *Development of Max-MCUSUM and Max-MEWMA Control Diagrams Based on Residual Model Multioutput Least Square SVR (MLS-SVR) for Autocorrelated Data II*	PMDSU-Ristekdikti
12	2017	Pengembangan Diagram Kontrol Multivariat untuk Deteksi Intrusi II *Development of Multivariate Control Diagrams for Intrusion Detection II*	PMDSU-Ristekdikti
13	2016	Pengembangan Diagram Kontrol Max-MCUSUM dan Max-MEWMA Berbasis Residual Model Multioutput Least Square SVR (MLS-SVR) untuk Autocorrelated Data I *Development of Max-MCUSUM and Max-MEWMA Control Diagrams Based on Residual Model Multioutput Least Square SVR (MLS-SVR) for Autocorrelated Data I*	PMDSU-Ristekdikti
14	2016	Pengembangan Diagram Kontrol Multivariat untuk Deteksi Intrusi I *Development of Multivariate Control Diagrams for Intrusion Detection I*	PMDSU-Ristekdikti
15	2016	Pengembangan Diagram Kontrol Variabilitas Multivariat Berbasis Statistik Trace (Rho-2) *Development of Statistical Trace Statistical Variability Control Diagram (Rho-2)*	Penelitian Pendukung Unggulan-Ristekdikti
16	2015	Pengembangan Diagram Kontrol Variabilitas Multivariat Berbasis Statistik Trace (Rho-2)	Penelitian Pendukung Unggulan-Ristekdikti

No.	Year	Research Title	Source of funds
		Development of Statistical Trace Statistical Variability Control Diagram (Rho-2)	

D. Social Service Experiences

No.	Year	Title

E. Scientific Article Writing Experiences in Journals

No.	Scientific Article Subject	Journal Name	Vol/No/Year
1	Multivariate Control Chart Based on Kernel PCA for Monitoring Mixed Variable and Attribute Quality Characteristics	Symmetry	2020
2	Robust adaptive multivariate Hotelling's T2 control chart based on kernel density estimation for intrusion detection system	Expert Systems with Applications	2020
3	Bootstrap-based maximum multivariate CUSUM control chart	Quality Technology and Quantitative Management	2020
4	A fuzzy bivariate poisson control chart	Symmetry	2020
5	Tr(R2) control charts based on kernel density estimation for monitoring multivariate variability process	Cogent Engineering	2019
6	Residual-based maximum MCUSUM control chart for joint monitoring the mean and variability of multivariate autocorrelated processes	Production and Manufacturing Research	2019
7	Intrusion detection system using multivariate control chart Hotelling's T2 based on PCA	International Journal on Advanced Science, Engineering and Information Technology	2018
8	Multioutput least square SVR-based multivariate EWMA control chart: The performance evaluation and application	Cogent Engineering	2018
9	Multivariate control chart based on PCA mix for variable and attribute quality characteristics	Production and Manufacturing Research	2018
10	Multivariate CUSUM control chart based on the residuals of multioutput least squares SVR for monitoring water quality	Malaysian Journal of Science	2019
11	Multivariate T2 control chart based on james-Stein and successive difference covariance matrix estimators for intrusion detection	Malaysian Journal of Science	2019

No.	Scientific Article Subject	Journal Name	Vol/No/Year
12	Outlier detection using PCA mix based T 2 control chart for continuous and categorical data	Communications in Statistics: Simulation and Computation	2019
13	Hybrid James-Stein and successive difference covariance matrix estimators based hotelling's T2 chart for network anomaly detection using bootstrap	Journal of Theoretical and Applied Information Technology	2018
14	Intrusion detection system using bootstrap resampling approach of T2 control chart based on successive difference covariance matrix	Journal of Theoretical and Applied Information Technology	2018
15	Evaluation of laney p' chart performance	International Journal of Applied Engineering Research	2017
16	The performance evaluation of the bivariate EWMAcontrol chart using CARL distribution and EPC	Journal of Physics: Conference Series	2020
17	The comparison of exponentially weighted moving variance and double moving average-S control charts based on neoteric ranked set sampling	Journal of Physics: Conference Series	2020
18	Performance of robust EWMA control chart for variability process using non-normal data	Journal of Physics: Conference Series	2020
19	Auxiliary information based maximum generally weighted moving average (AIB-MaxGWMA) control chart	Journal of Physics: Conference Series	2020
20	Modeling of Parity Status of the Mother and Basic Immunization Giving to Infants with Semiparametric Bivariate Probit (Case Study: North Kalimantan Province in 2017)	IOP Conference Series: Materials Science and Engineering	2019
21	Modeling of Exclusive Breastfeeding and Mother Working Status with Recursive Bivariate Probit Model (Case Study in Surabaya City 2017)	IOP Conference Series: Materials Science and Engineering	2019
22	Perfomance Fuzzy Multinomial Control Chart	Journal of Physics: Conference Series	2018
23	T 2 Control Chart based on Successive Difference Covariance Matrix for Intrusion Detection System	Journal of Physics: Conference Series	2018
24	Multioutput Least Square SVR Based Multivariate EWMA Control Chart	Journal of Physics: Conference Series	2018
25	T2 hotelling fuzzy and W2 control chart with application to wheat flour production process	AIP Conference Proceedings	2016
26	Fuzzy multinomial control chart and its application	AIP Conference Proceedings	2016

F. Oral Scientific Article Publication on Summit / Seminar Experiences

No.	Summit Name	Scientific Article Subject	Time and Place

G. Training Experiences

No.	Training Subject	Date and Place	Organizer

All the data I filled and listed in this biodata is true and can be accounted by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, 3 August 2021

(Dr. Muhammad Mashuri, MT)

CURRICULUM VITAE

Prof. Nur Iriawan, M.Ikom, Ph.D

NIP	19621015 198803 1 002	
Email	nur_i[at]statistika.its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 ITS	Statistika
	S2 UI & Maryland Univ.	Ilmu Komputer
	S3 Curtin Univ. of Tech.	Statistika
Laboratorium	Statistika Komputasi dan Sains Data	
Bidang Keahlian	Proses Stokastik	
	Komputasi Statistik	
	Model Bayessian	

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/prof-nur-iriawan/

A. Personal Identity

1	**Name**	**Prof. Nur Iriawan, M.Ikom, Ph.D**
2	Sex	Male
3	Functional Position	Professor
4	Staff ID Number	19621015 198803 1 002
5	National Lecturer Identification Number	0015066206
6	Place and date of birth	Blitar , October 15th 1962
7	Email	nur_i@statistika.its.ac.id
8	Phone Number	+62818513626
9	Office Address	Departement of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	(031)5943352 / Fax. (031)5922940
11	H- Scopus index	**6**
12	Authorship Indexing	**Google Scholar :** https://scholar.google.com/citations?hl=id&user=0xGypiwAAAAJ **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=55332444200
13	Subjects taught	1. Stochastic Process
		2. Computational Statistics
		3. Bayesian Model

B. Education Background

	Bachelor	Master	Doctorate
College Name	Institut Teknologi Sepuluh Nopember, Surabaya	Universitas Indonesia, Depok	Curtin University, Australia
Field of Study	Statistics	Computer Science	Statistics
Entry-Graduate Year	1986	1990	2000

C. Research Experiences

No.	Year	Research Title	Source of funds
1	2020	Development of the Detector Model Accuracy in Determining ROI on MRI Brain Tumors with the Bayesian Multimodal neo-Normal Mixture Model Approach	MIT – Indonesia Research Alliance (MIRA)
2	2018	Penelitian Kebijakan: Percepatan Profesor di Institut Teknologi Sepuluh Nopember *Policy Research: Acceleration Professor at Sepuluh November Institute of Technology*	LPPM ITS
3	2018-2020	Pengembangan Model Detektor Ketepatan Penentuan ROI (*Region of Interest*) Pada Citra MRI Tumor Otak Dengan Pendekatan Bayesian Skew Normal Mixture Model, Multi Tahun, Dana dari: Ditjen Penguatan Riset dan Pengembangan (DRPM) *Development of Roi Determination Accuracy Detector Model (Region of Interest)In MRI Image of Brain Tumor With Bayesian Skew Normal Mixture Model Approach, Multi Year, Fund from: Directorate General of Research and DevelopmentStrengthening (DRPM)*	Kementerian Riset Teknologi dan Pendidikan Tinggi (KemenRistekDikti) – Republik Indonesia *Ministry of Technology Research and Higher Education*
4	2018-2021	Pengembangan Komputasi Statistika Dalam Pemodelan Mixture Hirarki Bayesian Conditional Autoregressive Spasial: Kasus Demam Berdarah Dengue *Statistical Computational Development In Spatial Conditional Conditional Conditional Hierarchy Mixture Modeling: Dengue Fever Cases*	Kementerian Riset Teknologi dan Pendidikan Tinggi (KemenRistekDikti) – Republik Indonesia *Ministry of Technology Research and Higher Education*
5	2017-2018	Pemodelan dan Pemetaan Big-Data Program Bidikmisi Sebagai Early Warning System dalam Rangka Mempersiapkan SDM di Era MEA dengan Pendekatan Hierarchical Bayesian, Penelitian Unggulan Perguruan Tinggi (PUPT) *Modeling and Mapping Big-Data Program Bidikmisi As Early Warning System in Order to Prepare Human Resources in the MEA Era with Hierarchical Bayesian Approach, Research Excellence College (PUPT)*	Kementerian Riset Teknologi dan Pendidikan Tinggi (KemenRistekDikti) – Republik Indonesia *Ministry of Technology Research and Higher Education*
6	2017	Penyempurnaan Laporan Coverage Analysis, Dana dari: Security Investor Protection Fund (SIPF)	Kementerian Keuangan – Republik Indonesia

No.	Year	Research Title	Source of funds
		Improvement of Coverage AnalysisReport, Fund from: Security Investor Protection Fund (SIPF)	*Ministry of Finance*
7	2016	Pembangunan Sistem Pengawasan PT. Penyelenggara Program Perlindungan Investor Efek Indonesia (Indonesia SIPF), Dana dari Security Investor Protection Fund (SIPF) *Construction of PT. Organizer of Indonesia Securities Investor Protection Program (Indonesia SIPF),Fund of Security Investor Protection Fund (SIPF)*	Kementerian Keuangan – Republik Indonesia *Ministry of Finance*
8	2015-2016	Small Area Estimation Dengan Metode Hierarchical Bayesian General Regression Neural Network Untuk Anak Putus Sekolah Pada Rumah Tangga Miskin *Small Area Estimation With Hierarchical Bayesian General Regression Neural Network Method For Children Dropping Out of School In Poor Households*	Direktorat Penelitian dan Pengabdian Kepada Masyarakat (DP2M) *Directorate of Research and Community Service*

D. Social Service Experiences

No.	Year	Title
1	2020	Nara Sumber Pada Pelatihan Online Integrasi Dan Analisis Data Untuk Peningkatan Kompetensi Fungsional Statistisi Perangkat Daerah Provinsi Jawa Timur Dalam Mendukung Program Satu Data Indonesia, Surabaya *Speaker In Online Training Integration And Data Analysis For Functional Competency Improvement Statistisi Device East Java Province In Supporting Program One Data Indonesia,Surabaya*
2	2019	Nara Sumber Pada Workshop Implementasi Statistika pada Analisis Data Sektoral, Diskominfo – Surabaya *Speaker at Statistics Implementation Workshop on Sectoral Data Analysis,Diskominfo –Surabaya*
3	2017	Nara Sumber Pada Workshop Implementasi Statistika pada Penelitian Tindakan Kelas (PTK) bagi Musyawarah Guru Mata Pelajaran (MGMP) IPA SMK Mojokerto *Speaker at the Workshop on The Implementation of Statistics on Class Action Research (PTK) for Teacher Deliberation subjects (MGMP) IPA SMK Mojokerto*
4	2016	Nara Sumber Pada Workshop Pengajaran Statistika di Perguruan Tinggi Bagi Dosen Kopertis Wilayah VII, Surabaya *Speaker at The Workshop on Teaching Statistics diHigher Education for Lecturers Kopertis Region VII, Surabaya*
5	2015	Nara Sumber Pada Pelatihan Pembelajaran Statistika berdasar Kurikulum 2013 bagi Guru SMA di Kab Jombang *Speaker in Statistical Learning Training based on Curriculum 2013 for High School Teachers in Jombang District*
6	2013	Nara Sumber Pada Pelatihan Analsis Data Bagi Guru IPA di Kab Mojokerto *Speaker On Data Analsis Training for Science Teachers in Mojokerto District*
7	2012	Nara Sumber Pada Pelatihan Microsoft Word Untuk Guru SD di Kec Sukolilo

No.	Year	Title
		Speaker At Microsoft Word Training for Elementary School Teachers in Kec Sukolilo
8	2011	Nara Sumber Pada Pelatihan Program R untuk staff Kementrian Keuangan *Speaker on R Program Training for Ministry of Finance staff*

E. Scientific Article Writing Experiences in Journals

No.	Scientific Article Subject	Journal Name	Vol/No/Year
1	Fisher's z distribution-based mixture autoregressive model	Econometrics	9/3/2021
2	Fernandez–steel skew normal conditional autoregressive (FSSN CAR) model in stan for spatial data	Symmetry	13/545/2021
3	A Bayesian neo-normal mixture model (Nenomimo) for MRI-based brain tumor segmentation	Applied Sciences (Switzerland)	2020
4	Fernandez-steel skew normal mixture model using Bayesian approach for MRI-based brain tumor segmentation	Malaysian Journal of Mathematical Sciences	14/2/2020
5	UNet-VGG16 with transfer learning for MRI-based brain tumor segmentation	Telkomnika	18/3/2020
6	Surabaya Government Performance Evaluation Using Tweet Analysis	Matematika	36/1/2020
7	Bayesian Mixture Poisson Model for Analysing Spatial Point Pattern of Primary Health Centres in Surabaya	Matematika	36/1/2020
8	MRI-Based Brain Tumor Segmentation Using Gaussian and Hybrid Gaussian Mixture Model-Spatially Variant Finite Mixture Model with Expectation-Maximization Algorithm	Malaysian Journal of Mathematical Sciences	14/1/2020
9	Binomial regression models with a flexible generalized logit link function	Symmetry	12/2/2020
10	An Economic Growth Model Using Hierarchical Bayesian Method	InTechOpen	2019
11	MRI-Based Brain Tumor Segmentation using Modified Stable Student's t From Burr Mixture Model with Bayesian Approach	Malaysian Journal of Mathematical Sciences	13/3/2019
12	Individual Control Optimization of Drug Dosage Using Individual Bayesian Pharmacokinetics Model Approach	Procedia Computer Science	161/2019/2019
13	Bayesian Skew Normal Seemingly Unrelated Regression Modelling of Gross Regional Domestic Product	Pakistan Journal of Statistics and Operation Research	14/4/2018
14	MSEPBurr Distribution: Properties and Parameter Estimation	Pakistan Journal of Statistics and Operation Research	15/1/2019

No.	Scientific Article Subject	Journal Name	Vol/No/Year
15	Bayesian spatial survival models for HIV/AIDS event processes in East Java	Indian Journal of Public Health Research & Development	9/1/2018
16	Bayesian Bernoulli Mixture Regression Model for Bidikmisi Scholarship Classification	Journal of a Science and Information	11/2/2018
17	Bayesian mixture model averaging for identifying the different gene expressions of chickpea (Cicer arietinum) plant tissue	Communications in Statistics - Theory and Methods	2018
18	Bayesian seemingly unrelated regression modeling of gross regional domestic product using direct Monte Carlo	Far East Journal of Mathematical Sciences	101/10/2017
19	On the modeling of tourists visit to tourist attraction in Surabaya using neural network	Journal of Theoretical and Applied Information Technology	93/2/2016
20	On the identification of the structural pattern of terms occurrence in a document using Bayesian Network	Journal of Theoretical and Applied Information Technology	92/2/2016
21	Blood sugar levels of diabetes mellitus patients modeling with Bayesian mixture model averaging	Global Journal of Pure and Applied Mathematics	12/4/2016
22	An algorithm for determining the number of mixture components on the bayesian mixture model averaging for microarray data	Journal of Mathematics and Statistics	11/2/2015
23	Kolmogorov-smirnov and continuous ranked probability score validation on the Bayesian model averaging for microarray data	Applied Mathematical Sciences	8/145-148/2015
24	Occam's Window Selection in Bayesian Model Averaging Modeling for Gene Expression Data from Chickpea Plant	International Journal of Applied Mathematics and Statistics	3/4/2015
25	Identifying Text Document Pattern For Two Terms Appearances Via Latent Semantic Analysis (LSA) Method And Term Distance Between Two Documents	Journal of Theoretical and Applied Information Technology	79/2/2015

F. Oral Scientific Article Publication on Summit / Seminar Experiences

No.	Summit Name	Scientific Article Subject	Time and Place
1	Proceedings of the Confluence 2021: 11th International Conference on Cloud Computing, Data Science and Engineering	Segmentation of low-grade gliomas using U-Net VGG16 with transfer learning	2021
2	Journal of Physics: Conference Series	On the modeling of the new student acceptance status through science and	2020

		technology written test using Bernoulli mixture model	
3	Journal of Physics: Conference Series	Vehicle's Density Prediction Based on History Data of e-Toll in PT Jasamarga Pandaan Tol Using Hidden Markov Model	2020
4	IOP Conference Series: Earth and Environmental Science	Bayesian Hierachical Clustering for Bidikmisi Environment: Results of successful and unsuccessful scholarship cluster	2020
5	AIP Conference Proceedings	Topic modeling Twitter data using Latent Dirichlet Allocation and Latent Semantic Analysis	2019
6	AIP Conference Proceedings	Mixture model for image segmentation using Gaussian, Student's t, and Laplacian distribution with spatial dependence	2019
7	Journal of Physics: Conference Series	Effect of the leakage location pattern on the speed of recovery in water supply networks	2019
8	Journal of Physics: Conference Series	On the Markov Chain Monte Carlo Convergence Diagnostic of Bayesian Finite Mixture Model for Income Distribution,	2018
9	Journal of Physics: Conference Series	On the Bernoulli Mixture Model for Bidikmisi Scholarship Classification with Bayesian MCMC	2018
10	2018 International Conference on Information and Communications Technology	On the modeling of the average value of high school national examination in West Java using Bayesian hierarchical mixture normal approach,	2018
11	2018 International Conference on Information and Communications Technology	Transportation choice modeling on commuters in Jabodetabek using Bayesian network and polytomous logistic regression,	2018
12	AIP Conference Proceedings	Pattern Analysis of Health Center Location In Surabaya Using Spatial Poisson Point Process	2017
13	AIP Conference Proceedings	An Economic Growth Model Review Based On Financial Credits Distribution to the Government Economy Priority Sectors of Each Regency In Indonesia Using Hierarchical Bayesian Method	2017
14	AIP Conference Proceedings	Development of reversible jump Markov Chain Monte Carlo algorithm in the Bayesian mixture modeling for microarray data in Indonesia	2017
15	IOP Conf. Series: Journal of Physics	Bayesian mixture modeling for blood sugar levels of diabetes mellitus	2017

		patients (case study in RSUD Saiful Anwar Malang Indonesia)	
16	International Conference on Computing, Mathematics and Statistics (ICMS)	On the Markov Chain Monte Carlo Convergence Diagnostic of Bayesian Bernoulli Mixture Regression Model for Bidikmisi Scholarship Classification	Langkawi, Malaysia, 2017
17	Journal of Physics: Conference Series	On the Value at Risk Using Bayesian Mixture Laplace Autoregressive Approach for Modelling the Islamic Stock Risk Investment	2017
18	Journal of Physics: Conference Series	Bayesian Hierarchical Random Intercept Model Based on Three Parameter Gamma Distribution	2017
19	AIP Conference Proceedings	Parameter estimation of general regression neural network using Bayesian approach	2016

G. Book Writing Experiences

No.	Book Subject	Year	Number of Pages	Publisher
1	Bayesian Neural Network dalam Pemodelan Small Area Estimation	2020		Andi Offset
2	Pemodelan dan Analisis Data Driven	2012		ITS Press
3	Mengolah Data Statistik Dengan Mudah Menggunakan MINITAB 14	2006		Andi Offset

H. Training Experiences

No.	Training Subject	Date and Place	Organizer

I. Awards (From Goverment, association or other institutions)

No.	Award Type	Awarding Institution	Year

All the data I filled and listed in this biodata is true and can be accounted by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, 3 August 2021

(Prof. Nur Iriawan, M.Ikom, Ph.D)

CURRICULUM VITAE

Prof. Dr. I Nyoman Budiantara, M.Si

NIP	19650603 198903 1 003	
Email	i_nyoman_b@statistika.its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 UGM	Matematika
	S2 UGM	Matematika
	S3 UGM	Matematika
Laboratorium	Statistika Sosial dan Kependudukan	
Bidang Keahlian	Regresi Nonparametrik & Semiparametrik	
	Multivariate Adaptive Regression Spline (MARS)	

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/prof-nyoman-b/

A. Personal Identity

1	**Name**	**Prof. Dr. Drs. I Nyoman Budiantara, M.Si**
2	Sex	Male
3	Functional Position	Professor
4	Staff ID Number	19650603 198903 1 003
5	National Lecturer Identification Number	003066507
6	Place and date of birth	Gianyar, June 3rd 1965
7	Email	i_nyoman_b@statistika.its.ac.id
8	Phone Number	+6281553527408
9	Office Address	Departement of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	(031)5943352 / Fax. (031)5922940
11	H- Scopus index	**11**
12	Authorship Indexing	**Google Scholar :** https://scholar.google.com/citations?hl=id&user=1jgI0oQAAAAJ **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=36488922500
13	Subjects taught	1. Non Parametric Regression
		2. Semi Parametric Regression
		3. Multivariate Adaptive Regression Spline (MARS)

B. Education Background

	Bachelor	Master	Doctorate
College Name	Universitas Gadjah Mada, Yogyakarta	Universitas Gadjah Mada, Yogyakarta	Universitas Gadjah Mada, Yogyakarta
Field of Study	Mathematics	Statistics	Statistics
Entry-Graduate Year	1984-1988	1993-1996	1996-2000

C. Research Experiences

No.	Year	Research Title	Source of funds
1	2014	Pengembangan Penelitian dan Pendidikan Karakter Berbasis SCL-Plus Sebagai Upaya Mempercepat dan Membangun Karakter Lulusan Program Pascasarjana *Development of SCL-Plus-Based Character Research and Education in An Effort to Accelerate and Build The Character of Graduate Program Graduates*	Penelitian Unggulan PT BOPTN DIKTI
2	2013	Pengembangan Agrowisata Di Payangan-Gianyar Yang Berbasis Ajeg Bali Dalam Upaya Mempercepat Pembangunan Ekonomi Masyarakat *Agrotourism Development In Payangan-Gianyar Based in Ajeg Bali In An Effort to Accelerate Community Economic Development*	MP3EI Tahun-2 DP2M-DIKTI
3	2012	Pengembangan Agrowisata Di Payangan-Gianyar Yang Berbasis Ajeg-Bali Dalam Upaya Mempercepat Pembangunan Ekonomi Masyarakat *Agrotourism Development In Payangan-Gianyar Based in Ajeg-Bali In An Effort to Accelerate Community Economic Development*	MP3EI Tahun-1 DP2M-DIKTI
4	2011	Estimator Spline Multivariate Terbobot Dalam Regresi Nonparametrik dan Semiparametrik Multirespon Heteroskedastik *Multivariate Spline Estimators Weighted In Nonparametric and Semiparametric Regression Heteroskedastic Multiresponse*	Fundamental DP2M-DIKTI
5	2010	Estimator Spline Terbobot dan Spline Parsial Terbobot Dalam Regresi Nonparametrik dan Semiparametrik Heteroskedastik Untuk Data Longitudinal *Weighted Spline Estimators and Partial Splines Weighted In Heteroskedastic Nonparametric and Semiparametric Regression For Longitudinal Data*	Hibah Kompetensi Tahun-2 DP2M-DIKTI
6	2009	Estimator Spline Terbobot dan Spline Parsial Terbobot Dalam Regresi Nonparametrik dan Semiparametrik Heteroskedastik Untuk Data Longitudinal *Weighted Spline Estimators and Partial Splines Weighted In Heteroskedastic Nonparametric and Semiparametric Regression For Longitudinal Data*	Hibah Kompetensi Tahun-1 DP2M-DIKTI

D. Social Service Experiences

No.	Year	Title
1	2013	Pelatihan Peningkatan Kualitas Proses Belajar Mengajar (PBM) Guru Madrasah Aliyah Negeri (MAN) Bangil Berbasis E-learning On-line dan off-line *Training on and off-line Teaching and Learning Process (PBM) Teachers of Madrasah Aliyah Negeri (MAN) Bangil Based E-learning*
2	2012	Memberikan Pengabdian Kepada Masyarakat : ”Peningkatan Kompetensi Guru Madrasah Aliyah (MA) Dalam Proses Pembelajaran Berbasis Soft Skills dan IT ” di Lumajang, Jatim *Providing Community Service: "Improvement of Competency of Madrasah Aliyah (MA) Teachers in Soft Skills and IT Based Learning Process" in Lumajang, East Java*
3	2012	Memberikan Pelatihan Magang Penyusunan Proposal Disertasi Bagi Dosen Jurusan Matematika FMIPA Universitas Negeri Makasar (UNM) *Providing Internship Training on The Preparation of Dissertation Proposals for Lecturers of Mathematics Department of FMIPA, Makassar State University (UNM)*
4	2012	Memberikan Pelatihan Magang Penyusunan Proposal Disertasi Bagi Dosen Jurusan Pendidikan Matematika IKIP PGRI BALI. *Providing Internship Training on The Preparation of Dissertation Proposals for Lecturers of Mathematics Education Department IKIP PGRI BALI.*
5	2011	Pelatihan Penyusunan Proposal Penelitian Hibah Bersaing Dosen Ciputra-Surabaya *Training on The Preparation of Research Proposals for Competing Grants of Ciputra-Surabaya Lecturers*
6	2010	Magang Penyusunan Proposal Disertasi Dosen IKIP PGRI Bali *Internship of IKIP PGRI Bali Lecturer Dissertation Proposal*
7	2009	Pelatihan Penyusunan Kurikulum Statistika di STIKOM Surabaya *Statistical Curriculum Preparation Training at STIKOM Surabaya*

E. Scientific Article Writing Experiences in Journals

No.	Scientific Article Subject	Journal Name	Vol/No/Year
1.	Statistical Modeling for Unemployment Rate Using Smoothing Spline in Semiparametric Multivariable Regression Model with Bayesian Approach	An International Journal : Model Assisted Statistics And Applications	Vol 9/No.1/2014
2.	Analysis of Factors that Influence Life Expectancy in East Java (Indonesia) Using Semiparametric Spline Regression Approach	International Journal of Basic & Applied Sciences	Vol 14/ No. 2/2014
3.	Smoothing Spline in Semiparametric Additive Regression Model with Bayesian Approach	Journal of Mathematics and Statistics	Vol 9/ No. 3/2013
4.	Statistical Modeling for Mortality Data Using Local Generalized Poisson Regression Model	International Journal of Applied	Vol 33/No. 3/2013

No.	Scientific Article Subject	Journal Name	Vol/No/Year
		Mathematics and Statistics	
5.	Pemodelan Penentuan Lama Waktu Optimal Dalam Proses Sintering Keramik di PT Kuwali Mas Dengan Regresi Spline	IndoMS Journal On Statistics	Vo. 1/No. 1/2013
6.	Spline Smoothing for Multi-Response Nonparametric Regression Model in Case of Heteroscedasticity of Variance	Journal of Mathmatics and Statistics	Vol 8/No. 3/2012
7.	Penalized Least Square for Semiparametric Regression	International Journal of Academic Reseach	Vol 4/No. 5/2012
8.	On Multiresponse Semiparametric Regression Model	Journal of Mathmatics and Statistics	Vol 8/No. 4/2012
10.	Relationship Pattern of Poverty and Unemployement in Indonesia with Bayesian Spline Approach	International Journal of Basic & Applied Sciences	Vol 11/No.6/2011
11.	Spline Smoothing Estimator in Multirespon Nonparametric Regression With Unequal Variance	Journal of Mathematics and Statististics	Vol 6/No. 1/2010
12.	Infants' Weight Growth Model in Surabaya (Indonesia) by Using Weighted Spline Regression	International Journal Basic & Applied Sciences	Vol 11/No.2/2010

F. Oral Scientific Article Publication on Summit / Seminar Experiences

No.	Summit Name	Scientific Article Subject	Time and Place
1.	Basic Science Advances in Energy, Health and Environment	Bayesian Confidence Interval for Smoothing Spline in Nonparametric Multivariable Regression Model	April 2013, Universitas Brawijaya, Malang
2.	The International Conference On Applied Statistics	Fourier Series Estimator in Nonparametric Multivariable Regression and Its Characteristcs	September 2013, Universitas Padjajaran, Jatinangor, Bandung

No.	Summit Name	Scientific Article Subject	Time and Place
3.	International Conference on Mathematics, Statistics and Its Application (ICMSA),	Smoothing Spline Estimator in Semiparametric Multivariable Regression Model	Nopember 2012, Denpasar, Bali
4.	Seminar Nasional Integrasi Kebijakan dan Penguatan Industri Nasional Menuju Percepatan dan Perluasan Ekonomi Indonesia, Jurusan Ekonomi Pembangunan	Pembangunan Sektor Pariwisata Di Propinsi Bali dan Dampaknya Terhadap Angka Kemiskinan, Angka Harapan Hidup, dan Indeks Pembangunan Manusia (IPM) *Tourism Sector Development in Bali Province and its Impact on Poverty, Life Expectancy, and Human Development Index (HDI)*	Oktober 2012, Fakultas Ekonomi, UNNES, Semarang.
5.	Seminar Nasional Integrasi Kebijakan dan Penguatan Industri Nasional Menuju Percepatan dan Perluasan Ekonomi Indonesia, Jurusan Ekonomi Pembangunan	Analisis Statistika Kunjungan Wisatawan Mancanegara ke Indonesia Sebagai Upaya Menyusun Konsep Wisata Agro di Kecamatan Payangan – Gianyar Bali *Statistical Analysis of Foreign Tourists' Visit to Indonesia as An Effort to Develop Agro Tourism Concept in Payangan District – Gianyar Bali*	Oktober 2012, Fakultas Ekonomi, UNNES, Semarang
6.	Makalah Pembicara Utama pada Seminar Nasional MIPA Dengan Tema "Pengembangan Pendidikan Karakter Menuju Bangsa yang Mandiri Melalui Penelitian dan Pendidikan MIPA"	Penelitian Bidang Regresi Spline Menuju Terwujudnya Penelitian Statistika yang Mandiri dan Berkarakter *Spline Regression Research Towards The Realization of Independent and Characterful Statistical Research*	Oktober 2011, UNDIKSHA-Singaraja
7.	Makalah Pembicara Utama pada Seminar Nasional Himpunan Mahasiswa Jurusan Pendidikan	Spline : Sebuah Pemodelan Statistika dan Perannya Dalam IPTEK *Spline : A Statistical Modeling and Its Role In Science and Technology*	April 2011, FPMIPA IKIP PGRI BALI

No.	Summit Name	Scientific Article Subject	Time and Place
	Matematika FPMIPA IKIP PGRI BALI		
8.	IndoMS International Conference on Mathematics and Its Applications 2009	Weighted Spline Estimator in Heteroskedastic Nonparametric Regression for Longitudinal Data	Oktober 2009, Gadjah Mada University.
9.	Makalah Pembicara Utama pada Seminar Nasional Matematika Himpunan Mahasiswa Matematika (IKAHIMATIKA) STKIP PGRI Jombang-Jawa Timur	Meraih Sukses Dengan Statistika *Achieving Success With Statistics*	Februari 2009, STKIP Jombang Jawa Timur
11.	Seminar Nasional Matematika UNESA Surabaya	Estimasi Kurva Regresi Nonparametrik Multirespon Dengan Pendekatan Deret Fourier *Multi response Nonparametric Regression Curve Estimation With Fourier Row Approach*	Juni 2009, Jurusan atematika UNESA Surabaya

G. Book Writing Experiences

No.	Title	Year	Number of Pages	Publisher
1.	Buku Ajar Statistika Matematika I	2012	161	ITS Press.
2.	Diktat Statistika Inferensi (Untuk Program S-2 Statistika).	2006	164	Jurusan Statistika FMIPA-ITS.
3.	Buku Ajar Matriks dan Ruang Vektor II.	2005	178	Jurusan Statistika FMIPA-ITS.
4.	Diktat Probabilitas (Untuk Program S-2 Statistika).	2004	145	Jurusan Statistika FMIPA-ITS.
5.	Buku Ajar Statistika Matematika II.	2004	138	Jurusan Statistika FMIPA-ITS.

H. Training Experiences

No.	Training Subject	Date and Place	Organizer

I. Awards (From Goverment, association or other institutions)

No.	Award Type	Awarding Institution	Year
1.	Dosen Berprestasi I Tingkat ITS	ITS	2008
2.	Dosen Berprestasi I Tingkat FMIPA-ITS	FMIPA-ITS	2008
3.	Dosen Berprestasi II Tingkat FMIPA-ITS	FMIPA-ITS	2007
4.	Satya Lancana Karya Satya 10 Tahun	Presiden RI	2004

All the data I filled and listed in this biodata is true and can be accounted by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, August 3rd 2021

(Prof. Dr. Drs. I Nyoman Budiantara, M.Si)

CURRICULUM VITAE

Dr. Bambang Widjanarko Otok, M.Si

NIP	19681124 199412 1 001	
Email	bambang_wo[at]statistika.its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 ITS	Statistika
	S2 IPB	Statistika
	S3 UGM	Matematika
Laboratorium	Statistika Lingkungan dan Kesehatan	
Bidang Keahlian	Analisis Multivariat	
	Structural Equation Model	
	Meta Analysis	

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/bambang-w-o/

A. Personal Identity

1	**Name**	**Dr. Bambang Widjanarko Otok, S.Si, M.Si**
2	Sex	Male
3	Functional Position	Head of Lektor
4	Staff ID Number	19681124 199412 1 001
5	National Lecturer Identification Number	0024116807
6	Place and date of birth	… , November 24th 1968
7	Email	bambang_wo[at]statistika.its.ac.id
8	Phone Number	...
9	Office Address	Departement of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	(031)5943352 / Fax. (031)5922940
11	H- Scopus index	**8**
12	Authorship Indexing	**Google Scholar :** https://scholar.google.com/citations?hl=id&user=Ln2jfwwAAAAJ **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=42262647900
13	Subjects taught	1. Multivariate Analysis
		2. Structural Equation Model
		3. Meta Analysis

B. Education Background

	Bachelor	Master	Doctorate
College Name	Institut Teknologi Sepuluh Nopember, Surabaya	Institut Pertanian Bogor, Bogor	Universitas Gadjah Mada, Yogyakarta
Field of Study	Statistics	Statistics	Mathematics
Entry-Graduate Year	1991-1994	1997-2000	2003-2008

C. Research Experiences

No.	Year	Title	Source of Fund
1	2004	Identifikasi ACF dan PACF Pada Data Time Series Yang Mengandung Data Hilang *Identification of ACF and PACF In Time Series Data Containing Missing Data*	LITMUD (Penelitian Dosen Muda) DIKTI)
2	2005	Analisa Diskriminan, Regresi Logistik, Kernel dan Artificial Neural Network Pada Klasifikasi Data Berskala Ordinal *Discriminant Analysis, Logistic Regression, Kernel and Artificial Neural Network On Ordinal Scale Data Classification*	LEMLIT ITS
3	2005	Perceptual Mapping dengan Pendekatan Biplot dalam : Analisis Komponen Utama, Analisis Faktor dan Analisis Diskriminan *Perceptual Mapping with Biplot Approach in : Main Component Analysis, Factor Analysis and Discriminant Analysis*	DUE-LIKE
4	2007	Klasifikasi Pasien Hasil Pap Test Penyakit Kanker Leher Rahim Dengan Pendekatan Multinomial Logit dan Bootstrap *Classification of Patients Pap Test Results of Cervical Cancer With Multinomial Approach Logit and Bootstrap*	LITMUD (Penelitian Dosen Muda) DIKTI)
5	2008	Pengembangan Model Klasifikasi Berbasis Machine Learning Untuk Prediksi Kepailitan Bank Umum Di Indonesia *Development of Machine Learning-Based Classification Model for Insolvency Prediction of Commercial Banks in Indonesia*	SPI ITS

No.	Year	Title	Source of Fund
6	2009	Pengembangan Model Ramalan Produksi Padi dengan pendekatan Multivariate Adaptive Regression Spline Time Series *Development of Rice Production Forecast Model with Multivariate Adaptive Regression Spline Time Series approach*	DIKTI
7	2009	Pengembangan Model Prakiraan Iklim Untuk Pengendalian Ketahanan Pangan *Development of Climate Forecast Model for Food Security Control*	Strategis ITS
8	2009	Pengembangan model yield curve untuk penentuan harga obligasi pemerintah dengan pendekatan RLWRSS, GRNN, dan SVM *Development of yield curve model for government bond pricing with RLWRSS, GRNN, and SVM approach*	PHK A3 Jurusan Statistika ITS
9	2010	Pengembangan Model Model Machine Learning Ketahanan Pangan melalui pembentukan zona musim (ZOM) suatu wilayah *Development of The Food Security Machine Learning Model model through the establishment of a season zone (ZOM) of a region*	DIKTI
10	2011	Pengembangan Model Hibrida Ensemble untuk Prakiraan Iklim dan Ketahanan Pangan (Suhartono, Heri Kiswanto, Sutikno, Bambang W.O) *Ensemble Hybrid Model Development for Climate Forecast and Food Security (Suhartono, Heri Kiswanto, Sutikno, Bambang W.O)*	PUPT
11	2012	Pengembangan Indikator Kemiskinan dengan Pendekatan Spasial Structural Equation Modelling dan Machine Learning *Development of Poverty Indicators with Spatial Approach to Structural Equation Modelling and Machine Learning*	BOPTN

No.	Year	Title	Source of Fund
12	2013	Kesesuaian Model Regresi Spasial dalam Menduga Lama Studi Mahasiswa Statistika FMIPA Universitas Terbuka (Harmi Sugiarti, Suhartono, Bambang W.O) *Conformity of Spatial Regression Model in Suspecting Length of Study of FMIPA Open University Statistics Students* *(Harmi Sugiarti, Suhartono, Bambang W.O)*	Hibah Bersaing
13	2012-2013 2013-2014	Pengembangan Model Pendampingan Program Penanggulangan Kemiskinan di Propinsi Jawa Timur Menggunakan Spatial Structural Equation Modeling dan Machine Learning *Development of Poverty Reduction Program Assistance Model in East Java Province Using Spatial Structural Equation Modeling and Machine Learning*	Stranas DIKTI
14	2014	PREDICTING SURVIVAL OF CERVICAL CANCER BASED ON SUPPORT VECTOR MACHINE AND BAYESIAN SURVIVAL ANALYSIS (Santi W.P, Bambang W.O, Wijayanti nurul khotimah) *PREDICTING SURVIVAL OF CERVICAL CANCER BASED ON SUPPORT VECTOR MACHINE AND BAYESIAN SURVIVAL ANALYSIS* *(Santi W.P, Bambang W.O, Wijayanti nurul khotimah)*	Kerjasama Luar Negeri dan Publikasi Internasional
15	2013-2014	Pengembangan Model Output Statistik dengan Pendekatan Linear dan Non Linear serta Ensemble untuk Prakiraan Cuaca Jangka Pendek (Sutikno, Bambang W.0, Mutiah Salamah) *Development of Statistical Output Models with Linear and Non Linear Approaches and Ensembles for Short-Term Weather Forecasts (Sutikno, Bambang W.0, Mutiah Salamah)*	Penelitian Unggulan Perguruan Tinggi

No.	Year	Title	Source of Fund
16	2015	Pengembangan dan Penentuan Indikator Renumerasi Berdasarkan Tenaga Kependidikan di Lingkungan ITS *Development and Determination of Remuneration Indicators Based on Education Personnel in ITS Environment*	Penelitian Kebijakan ITS
17	2016	Pengembangan dan Penentuan Indikator Renumerasi Berdasarkan Persepsi Dosen di Lingkungan FMIPA ITS dalam rangka PTNBH *Development and Determination of Remuneration Indicators Based on Perception of Lecturers in the FMIPA ITS Environment in the framework of PTNBH*	Penelitian Kebijakan ITS
18	2017-2019	ESTIMASI PARAMETER PROPENSITY SCORE BOOTSTRAP MODEL MACHINE LEARNING DAN TERAPANNYA PADA DATA KESEHATAN YANG MEMUAT CONFOUNDING BW Otok, Purhadi, Shofi Andari *ESTIMATED PROPENSITY SCORE PARAMETERS BOOTSTRAP MACHINE LEARNING MODEL AND APPLIED TO HEALTH DATA CONTAINING CONFOUNDING* *BW Otok, Purhadi,Shofi Andari*	Penelitian Unggulan Perguruan Tinggi (2017) PTUPT (2018) PTUPT (2019)
19	2018	Penentuan Standar Pengendalian Pelayanan Minimal Prevalensi Ispa dan Diare Suatu Wilayah dengan Pendekatan Spasial Mars dan Generalized Bivariate Poisson Regression BW Otok, Purhadi, Shofi Andari *Determination of Minimum Service Control Standards for The Prevalence of Ispa and Diarrhea of a Region with a Spatial Approach to Mars and Generalized Bivariate Poisson Regression* *BW Otok, Purhadi,Shofi Andari*	PDUPT

No.	Year	Title	Source of Fund
20	2018-2019	Penaksiran Parameter dan Pengujian Hipotesis pada Geographically Weighted Trivariate Generalized Poisson Regression (Studi Kasus : Jumlah Kematian Bayi, Balita dan Kematian Ibu di Provinsi Jawa Timur Tahun 2017) Purhadi, Bambang Widjanarko Otok, Sutikno *Parameter Assessment and Hypothesis Testing on Geographically Weighted Trivariate Generalized Poisson Regression (Case Study : Number of Infant Deaths, Toddlers and Maternal Deaths in East Java Province in 2017)* *Purhadi, Bambang Widjanarko Otok, Sutikno*	Penelitian Berbasis Kompetensi (2018) Penelitian Dasar (2019)
21	2019-2021	Pemodelan Spasial Multivariate Adaptive Regression Spline (MARS) (Studi Kasus : Tuberkulosis Multi Drug-Resistant (TB â€“ MDR)) BW Otok, Jerry D P, Dedy D.P *Spatial Modeling of Multivariate Adaptive Regression Spline (MARS) (Case Study : Multi Drug-Resistant Tuberculosis (TB â€" MDR))* *BW Otok, Jerry D P, Dedy D.P*	Penelitian Pendidikan Magister menuju Doktor untuk Sarjana Unggul (PMDSU)
22	2019	Generalized Poisson Regression pendekatan Generalized Method of Moments dan Multivariate Adaptive Generalized Poisson Regression Spline untuk menentukan faktor-faktor yang mempengaruhi ISPA dan Diare pada bayi di kabupaten pasuruan *Generalized Poisson Regression approaches the Generalized Method of Moments and Multivariate Adaptive Generalized Poisson Regression Spline to determine the factors affecting ISPA and Diarrhea in infants in Pasuruan districts*	Penelitian Tesis Magister
23	2020	Model Strategi pengambilan Keputusan Siaga bencana pada Masyarakat Indonesia Timur *Model of Disaster Preparedness Decision-making Strategy in Eastern Indonesia*	Program Penelitian Kolaborasi Indonesia – ITS (PPKI)

No.	Year	Title	Source of Fund
24	2020	Estimasi Average Treatment Effect dengan Metode Bootstrap Aggregating Classification and Regression Trees pada Kasus Infeksi Oportunistik Pasien HIV/AIDS *Estimated Average Treatment Effect with Bootstrap Aggregating Classification and Regression Trees Method in Cases of Opportunistic Infection of HIV/AIDS Patients*	Penelitian Tesis Magister
25	2020	Estimasi Percent Bias Reduction dengan Metode Bootstrap Aggregating Multivariate Adaptive Regression Spline pada Kasus Diabetes Melitus Tipe II *Estimated Percent Bias Reduction with Bootstrap Aggregating Multivariate Adaptive Regression Spline Method in Cases of Type II Diabetes Mellitus*	Penelitian Tesis Magister
26	2020-2022	ESTIMASI DAN STATISTIK UJI MODEL META STRUCTURAL EQUATION MODELING (MASEM) PADA DAERAH TERTINGGAL BERBASIS INFRASTRUKTUR DI PULAU JAWA *ESTIMATION AND STATISTICS TEST MODEL META STRUCTURAL EQUATION MODELING (MASEM) IN DISADVANTAGED AREAS BASED ON INFRASTRUCTURE IN JAVA ISLAND*	Penelitian Dasar Unggulan Perguruan Tinggi (PDUPT)

D. Social Service Experiences

No.	Year	Activities
1	1995	Statistical Process Control (SPC) Training for Industry
2	1996	Statistical Modeling Training for Industry
3	1997	Microsoft Office Training at PLN East Java
4	2000	Data Analysis Training of PT Telkom Divre V
5	2002	Training Application Data Base Website / Internet DIKNAS EAST JAVA &BALI
6	2003	Training Application Data Base Website / Internet DIKNAS EAST JAVA, BALI &NTT

No.	Year	Activities
7	2003	Telkomflexi Market Potential Analysis Tuban &Bojonegoro Area
8	2003	Priority of Tourism Potential Development of Pasuruan Regency, East Java
9	2004	PDRB Calculation Training in Tuban Regional Government, East Java
10	2004	Market Potential Analysis of PT INDOSAT East Java Area
11	2004	Preparation of Master Plan of Regional General Hospitals in Several Districts of Papua Province
12	2005	Factors Affecting Lack of Protein Energy and Hunger In Nganjuk Regency
13	2005	- Speaker of Orientation Training Of Balitbang Research Methodology, Gresik, East Java - Speaker of Linear Regression Analysis, Ordinal and Logistic Regression Training at Lemlit UNAIR - Speaker of Multivariate Statistics Training at Lemlit UNAIR - Speaker of Structural Equation Modeling Training at Lemlit UNAIR - Speaker of Orientation Training Of Balitbang Prop Research Methodology. East Java - Speaker of Time Series Modeling Training at Lemlit UNAIR
14	2006	- Speaker of Structural Equation Modeling Training in East Kalimantan Tenggarong - Speaker of Research Training of Class IV-A Teachers in Merauke Papua - Speaker of Linear Regression Analysis, Ordinal and Logistic Regression Training at Lemlit UNAIR - Speaker of Multivariate Statistics Training at Lemlit UNAIR - Speaker of Structural Equation Modeling Training at Lemlit UNAIR - Speaker of AMOS5 Training for Upn Yogyakarta Economics Lecturer
15	2007	- Narasumber Pelatihan Structural Equation Modeling Partial Least Square (PLS) at Lemlit UNAIR - Speaker of Structural Equation Modeling Training in East Kalimantan Tenggarong - Speaker of Economic Modeling Training in ITS UP3D
16	2008	- Narasumber Pelatihan Structural Equation Modeling Partial Least Square (PLS) in ITS Statistics - Speaker of Nonparametric Regression Training in ITS Statistics - Resource Person of Process Hierarchy Analysis (AHP) Training in ITS Statistics

No.	Year	Activities
		- Speaker of Economic Modeling Training with BI Pontianak in ITS Statistics
17	2008	Preparation of Exchange Rate Indicators of Farmers in Jombang Regency
18	2008	Preparation of Input Table - Jombang District Output
19	2008	Validation and Feasibility Test of PHEI Pricing Model
20	2008	Decision Support System For Pricing, Yield and Risk Level
21	2009	Preparation of Exchange Rate of Farmers jombang
22	2008	Preparation of Input Table - Jombang District Output
23	2009	- Narasumber Pelatihan Structural Equation Modeling Partial Least Square (PLS) in ITS Statistics - Speaker of Qualitative Data Analysis Training with Pontianak Local Government in ITS Statistics - Cart and MARS Training Resource Person in ITS Statistics
24	2010	- Speaker of Quantitative Research Methodology Training: Structural Equation Modeling and Partial Least (AMOS, LISREL, SmartPLS)at Airlangga University - Speaker of Qualitative Research Methodology Training : NVivo, CDC Extext at Airlangga University
25	2011	- Speaker of Quantitative Research Methodology Training: Structural Equation Modeling and Partial Least (AMOS, LISREL, SmartPLS)at Airlangga University - Speaker of Qualitative Research Methodology Training : NVivo, CDC Extext at Airlangga University - BioStatistic Modeling Training Resource person in FMIPA Statistics Department - ITS
26	2012	- Speaker of Quantitative Research Methodology Training: Structural Equation Modeling and Partial Least (AMOS, LISREL, SmartPLS)at Airlangga University - Speaker of Qualitative Research Methodology Training : NVivo, CDC Extext at Airlangga University - Resource Person Of Advanced Multivariate Analysis Modeling Training in FMIPA Statistics Department – ITS - Speaker of Quantitative Research Methodology Training: Structural Equation Modeling and Partial Least (AMOS, LISREL, SmartPLS)at AKBID Yogyakarta

No.	Year	Activities
27	2013	- Speaker of Quantitative Research Methodology Training: Structural Equation Modeling and Partial Least (AMOS, LISREL, SmartPLS)at Airlangga University - Speaker of Qualitative Research Methodology Training : NVivo, CDC Extext at Airlangga University - Resource Person Of Advanced Multivariate Analysis Modeling Training in FMIPA Statistics Department – ITS - Speaker of Structural Equation Modeling Partial Least Square (PLS) Training in MEDAN AREA, Medan - Speaker of Quantitative Research Methodology Training: Parametric Statistics at AKBID Yogyakarta - Speaker of Qualitative Research Methodology Training: NVivo, CDC Extext at Padjajaran University, Bandung
28	2014	- Speaker of Quantitative Research Methodology Training: Structural Equation Modeling and Partial Least (AMOS, LISREL, SmartPLS)at Airlangga University - Speaker of Qualitative Research Methodology Training : NVivo, CDC Extext at Airlangga University - Speaker of BioStatistic Modeling Training, Spatial Regression and Structural Equation Modeling at FMIPA Statistics Department – ITS - Speaker of Health Research Decriminalization in Bojonegoro District Health Office - Speaker of Structural Equation Modeling Partial Least Square (PLS) Training in MEDAN AREA, Medan - Qualitative Research Methodology Training Resource Person: NVivo, CDC Extext at AKBID Yogyakarta - Speaker of Quantitative Research Methodology Training: NonParametric Statistics at AKBID Yogyakarta - Qualitative Research Methodology Training Resource Person: NVivo, CDC Extext at AKBID Tasikmalaya
29	2015	- Speaker of Quantitative Research Methodology Training: Structural Equation Modeling and Partial Least (AMOS, LISREL, SmartPLS)at Airlangga University - Speaker of Qualitative Research Methodology Training : NVivo, CDC Extext at Airlangga University - Speaker of BioStatistic Modeling Training, Spatial Regression and Structural Equation Modeling at FMIPA Statistics Department – ITS - Speaker of Quantitative Research Methodology Training: Structural Equation Modeling Partial Least Square at AKBID Yogyakarta

No.	Year	Activities
		- Speakers of Statistical Data Analysis Training: Village Monograph and Poverty Mapping in North Gorontalo Regency
30	2015	- Speaker of biostatistics analysis training at The College of Health Sciences (STIKES) Surabaya - Speakers disseminated the results of environmental and health research in Pasuruan City, East Java from the Laboratory of Environmental Statistics and Health Department of ITS Statistics
31	2016	- Speaker of biostatic analysis training at the faculty of health sciences, Wiraraja Sumenep University - Multivariate Analysis training resource at Ciputra University Surabaya - Speaker of Multivariate Analysis Training at Airlangga University - Speaker of Quantitative Research Methodology Training: Structural Equation Modeling and Partial Least (AMOS, LISREL, SmartPLS)at Airlangga University - Speaker of Qualitative Research Methodology Training : NVivo, CDC Extext at Airlangga University - Speaker of Structural Equation Modeling training based on AMOS at Ciputra University Surabaya - Speakers of Structural Equation Modeling training based on AMOS and PLS at the University of North Sumatra (USU) Medan
32	2017	- Speaker of Structural Equation Modeling Nonparametric training at Ciputra University Surabaya

E. Scientific Article Writing Experiences in Journals

Year	Title	Journal Name
2020 Scopus Q4	Exploring the Related Factors in Education Quality through Spatial Autoregressive Modeling with Latent Variables: A Rural Case Study Anik Anekawati, Bambang W. Otok , Purhadi, and Sutikno	Hindawi Education Research International Volume 2020, Article ID 8823186, 10 pageshttps://doi.org/10.1155/2020/8823186
2020 Scopus Q2	Propensity score stratification using bootstrap aggregating classification trees analysis Otok, B.W., Musa, M., Purhadi,, Yasmirullah, S.D.P	Heliyon, 2020, 6(9), e04933
2020 Scopus Q2	Bootstrap aggregating multivariate adaptive regression spline for observational studies in diabetes cases	Systematic Reviews in Pharmacy, 2020, 11(8), pp. 406-413

Year	Title	Journal Name
	Otok, B.W., Putra, R.Y., Sutikno, Yasmirullah, S.D.P.	
2020 Scopus Q1	Lagrange multiplier test for spatial autoregressive model with latent variables Anekawati, A., Otok, B.W., Purhadi., Sutikno,	Symmetry, 2020, 12(8), 1375
2020 Scopus Q3	The regression curve estimation by using mixed smoothing spline and kernel (MsS-K) model	Communications in Statistics - Theory and Methods (Q3)
2019 Scopus Q4	Spatio of lungs tuberculosis (Tb Lungs) in East Java using Geographically Weighted Poisson Regression (GWPR)	Indian Journal of Public Health Research and Development (Scopus Q4)
2019 Scopus Q4	Modeling the number of cases of tuberculosis sensitive drugs (Tbsd) in East Java using geographically weighted poisson regression (GWPR)	Indian Journal of Public Health Research and Development (Scopus Q4)
2019 Scopus Q3	A reproducing kernel hilbert space approach and smoothing parameters selection in spline-kernel regression	Journal of Theoretical and Applied Information Technology (Scopus Q3)
2019 Scopus Q3	An extended model of penalized spline with the addition of Kernel Functions in nonparametric regression model	Applied Mathematics and Information Sciences (Scopus Q3)
2018 Scopus Q1	Clustering partial least square in lecturer achievement index (LAI) based on student perception of UPN "Veteran" Surabaya Fauzi A, Rusdi Hidayat N, Otok B	*International Journal of Mechanical Engineering and Technology*
2018 Scopus Q1	Moderating attitude on good governance implementation on performance of Batam city regional work unit (SKPD) using partial least square (PLS)	*International Journal of Civil Engineering and Technology (2018)*
2018 Scopus Q1	Moderating entrepreneurship at corporate reputation in business performance using partial least square	*International Journal of Mechanical Engineering and Technology*
2018 Scopus Q1	Moderating partial least square to the management information system with total quality management of study program performance	*International Journal of Civil Engineering and Technology (2018)*
2018 Scopus Q1	Moderating structural equation modeling on training transfer to the performance of remuneration under the lecturer perception of university batam	*International Journal of Civil Engineering and Technology (2018*
2018 Scopus Q1	Partial least squares for performance assessment of teaching workloads by moderating motivation of emotional intelligence	*International Journal of Mechanical Engineering and Technology (2018)*

Year	Title	Journal Name
2018 Scopus Q1	Structural equation modeling in business performance through competitive advantage with information technology as moderating	*International Journal of Mechanical Engineering and Technology (2018*
2018 Scopus Q1	Structural equation modeling the environment, psychology, social relationships against physical health in determination quality of elderly community surabaya	*International Journal of Civil Engineering and Technology (2018*
2018 Scopus Q1	Technology development model for library using structural equation modeling	*International Journal of Civil Engineering and Technology (2018)*
2018 Scopus Q1	The model of risk of travel ticket purchasing decisions on marketing communication mix in online site using structural equation modeling	*International Journal of Civil Engineering and Technology (2018)*
2017 Thomson Reuters	Propensity Score Matching Sports Activity of Genesis Diabetes Mellitus Using Logistic Regression (Samsinar, Rr Soenarnatalina, Arief Wibowo, Bambang Widjanarko Otok)	Journal of Applied Environmental and Biological Sciences, Thomson Reuters (ISI) , ISSN Volume 7 (1), January 2017 / hal : 198 – 202, ISSN: 2090 - 4274
2017 Thomson Reuters	The Work Productivity on Non-Military Nurses the Work Ethos in Navy Hospital Dr Ramelan Using Structural Equation Modeling (Setiadi, Bambang Widjanarko Otok, Dya S)	Journal of Applied Environmental and Biological Sciences, Thomson Reuters (ISI) , ISSN Volume 7 (2), February 2017 / hal : 1 – 6, ISSN: 2090 - 4274
2016 Scopus Q3	Modeling of Welfare Indicators in Java Island using Biresponses MARS *A. P. Ampulembang, Bambang Widjanarko Otok, A. T. Rumiati, Budiasih*	International Journal of Applied Mathematics and Statistics (Scopus) www.ceser.in/ceserp/ or www.ceserp.com/cp-jour/ 0973 – 7545 (Online), 0973 – 1377 (Print) 2016, Volume 54, Issue Number: 2
2016	Hierarchical Linear Model for Assessing the Effect of Fruit and Vegetable Consumption, Age and Physical Activity of Abdominal Circumference Mahmudah, Soenarnatalina, Diah I., Kuntoro, Bambang Widjanarko Otok	Journal of Applied Environmental & Biological Sciences (JAEBS) Thomson Reuters (ISI) , ISSN 2090 - 4274 J. Appl. Environ. Biol. Sci._1311_9
2016	Model Movement Pedestrian Satisfaction in Manado Using Structural Equation Modeling Lucia Lefrandt, Harnen S., Achmad W., Ludfi Dj., Bambang Widjanarko Otok	Journal of Applied Environmental & Biological Sciences (JAEBS) Thomson Reuters (ISI) , ISSN 2090 - 4274 J. Appl. Environ. Biol. Sci._1311_9

Year	Title	Journal Name
2016	Simulation Study for Biresponses Nonparametric Regression Model Using MARS Ayub Parlin A., Bambang Widjanarko Otok, Agnes Tuti Rumiati, Budiasih	AIP Publishing 2016 (Scopus) AIP Conference Proceedings 1707, 080003 (2016); doi: 10.1063/1.4940860
2016	Bootstrap Inference Longitudinal Semiparametric Regression Model Rahmawati Pane, Bambang Widjanarko Otok, Ismaini Zain, I Nyoman Budiantara	AIP Publishing 2016 (Scopus) AIP Conference Proceedings 1707, 080003 (2016); doi: 10.1063/1.4940860
2016	Parameter estimation of geographically weigthed multivariate Poisson regression (Triyanto, Purhadi, Bambang Widjanarko Otok, Santi Wulan Purnami)	Applied Mathematical Sciences, Vol. 9, 2015, no. 81 – 84
2016	Simultaneous Hypothesis Testing of Spline Truncated Model in Nonlinear Structural Equation Modeling (SEM) (Ruliana, I Nyoman Budiantara, Bambang Widjanarko Otok, Wahyu Wibowo)	Journal of Theoretical and Applied Information Technology, Scopus, Q3, ISSN: 1992-8645, E-ISSN: 1817-3195, Volume 89, 31 July 2016 / hal : 372 - 380
2016	The Combination of Importance Performance Analysis and Structural Equation Model for Modeling Pedestrian Satisfaction in Manado (Lucia Lefrandt, Harnen S., Achmad W., Ludfi Dj., Bambang Widjanarko Otok)	Journal of Theoretical and Applied Information Technology, Scopus, Q3, ISSN: 1992-8645, E-ISSN: 1817-3195, Volume 90, No 2, 31 August 2016 / hal : 158 – 166
2015	Bi-Responses Nonparametric Regression Model Using MARS and Its Properties AP Ampulembang, BW Otok, AT Rumiati	Applied Mathematical Sciences 9 (29), 1417-1427
2015	Adjacent model of impecunious household in East Java using structural equation modeling spatial Bambang Widjanarko Otok, M. Nadjib Usman	International Journal of Academic Research, Publishing bimonthly, PROGRESS" IPS LLS, Baku, Azerbaijan (ISI – Thomson Reuters) Doi: 10.7813/2075-4124.2015/7-2/A.36
2015	Taxpayer compliance modelling of business sectors hotel in Mataram using partial least square Rusdi Hidayat N, Bambang Widjanarko Otok, Eddy Poernomo, Nur Asikin Amin	International Journal of Academic Research, Publishing bimonthly, PROGRESS" IPS LLS, Baku, Azerbaijan (ISI – Thomson Reuters) Doi: 10.7813/2075-4124.2015/7-2/A.36 Part A. Vol 7, No. 3. Iss.1 May 2015

Year	Title	Journal Name
2015	Developing Measurement Model Using Bayesian Confirmatory Factor Analysis in Suppressing Maternal Mortality Bambang Widjanarko Otok, Santi Wulan Purnami, Shofi Andari	International Journal of Applied Mathematics and Statistics www.ceser.in/ceserp/ or www.ceserp.com/cp-jour/ (Scopus)
2015	Modeling Target Millenium Development Goals (MDGS's) in Makasar Using Bayesian Structural Equation Modeling La Podje Talangko, Bambang Widjanarko Otok, Gangga Anuraga	Journal of Applied Environmental &Biological Sciences (JAEBS) ISSN: 2090 – 4274 Text Road Journals Publications, J. Appl. Environ. Biol. Sci._1106_4
2015	Meta Analysis on The Factors Affecting The Occurrence of Pulmonary Tuberculosis Dya Sustarmi, Bambang Widjanarko Otok	Journal of Applied Environmental &Biological Sciences (JAEBS) ISSN: 2090 – 4274 Text Road Journals Publications, J. Appl. Environ. Biol. Sci._1106_4
2015	Parameter Estimation Model Multivariate Adaptive Regression Spline Data Series in The Number of HIV / AIDS in EAST JAVA Herlina Jusuf, Bambang Widjanarko Otok	Journal of Applied Environmental &Biological Sciences (JAEBS) ISSN: 2090 – 4274 Text Road Journals Publications, J. Appl. Environ. Biol. Sci._1106_4
2015	Determination of Physical Health Obstetric Index Using Bayesian Confirmatory Factor Analysis (BCFA) Metta Octora, Kuntoro, Soenarnatalina, Bambang Widjanarko Otok	Journal of Basic and Applied Scientific Research ISSN: 2090 – 4304 Text Road Journals Publications, J. Basic. Appl. Sci. Res., 5(8)1-9, 2015
2015	Propensity Score Using Logistic Regression on HIV / AIDS Case in Surabaya City Mahdalena, Bambang Widjanarko Otok, Farida Islamiah, Suharto, Soenarnatalina	Journal of Basic and Applied Scientific Research ISSN: 2090 – 4304 Text Road Journals Publications, J. Basic. Appl. Sci. Res., 5(8)1-9, 2015
2015	Effect of concentration foreign ownership on financial performance of bank Indonesia Stock Exchange using fixed effect model Agus Arman, Bambang Widjanarko Otok	International Journal of Academic Research, Publishing bimonthly, PROGRESS" IPS LLS, Baku, Azerbaijan (ISI – Thomson Reuters) http://www.eu-print.org/orta.php?go=archive 10.7813/2075-4124.2015/7-4

Year	Title	Journal Name
		Part B. Vol. 7. No. 4. July, 2015 Issue ID: IJ15V7N4
2015	Moderating regional tax regulation on service quality to taxpayers compliance using partial least square Eddy Poernomo, Rusdi N. Hidayat, Bambang Widjanarko Otok	International Journal of Academic Research, Publishing bimonthly, PROGRESS" IPS LLS, Baku, Azerbaijan (ISI – Thomson Reuters) http://www.eu-print.org/orta.php?go=archive 10.7813/2075-4124.2015/7-4 Part B. Vol. 7. No. 4. July, 2015 Issue ID: IJ15V7N4
2014	Bootstrap Pada Regresi Linear dan Spline Truncated H Darmawi, BW Otok *Bootstrap On Linear Regression and Truncated Spline* *H Darmawi, BW Otok*	STATISTIKA: Forum Teori dan Aplikasi Statistika 8 (1)
2014	Pemilihan Model Terbaik pada Mars Respon Kontinu BW Otok *Choosing the Best Model on Mars Continuous Response* *BW Otok*	STATISTIKA: Forum Teori dan Aplikasi Statistika 8 (1)
2014	Pendekatan Regresi Ordinal untuk Klasifikasi Tingkat Hidup Pekerja BW Otok, S Guritno, S Subanar *Ordinal Regression Approach to Worker Life Level Classification* *BW Otok, S Guritno, S Subanar*	STATISTIKA: Forum Teori dan Aplikasi Statistika 8 (1)
2014	Klasifikasi Tingkat Hidup Pekerja dengan Bootstrap Diskriminan MS Akbar, BW Otok *Classification of Worker Life Level with Bootstrap Discriminant* *MS Akbar, BW Otok*	STATISTIKA: Forum Teori dan Aplikasi Statistika 8 (1)

Year	Title	Journal Name
2014	Pemodelan Kemiskinan di kabupaten Jombang dengan Pendekatan Multivariate Adaptive Regression Splines (MARS) M Rodliyah, SW Purnami, BW Otok *Poverty Modeling in Jombang district with Multivariate Adaptive Regression Splines (MARS) Approach* *M Rodliyah, SW Purnami, BW Otok*	Jurnal Sains dan Seni ITS 3 (2), D302-D307
2014	Second-Order Confirmatory Factor Analysis pada Kemiskinan di Kabupaten Jombang M Laili, BW Otok *Second-Order Confirmatory Factor Analysis on Poverty in Jombang Regency* *M Laili, BW Otok*	Jurnal Sains dan Seni ITS 3 (2), D278-D283
2014	Pemodelan Spatial Structural Equation Modeling pada Rumah Tangga Miskin di Kabupaten Jombang MR Fadillah, BW Otok *Spatial Structural Equation Modeling in Poor Households in Jombang Regency* *MR Fadillah, BW Otok*	Jurnal Sains dan Seni ITS 3 (2), D272-D277
2014	Bootstrap Aggregating Multivariate Adaptive Regression Splines (Bagging MARS) untuk Mengklasifikasikan Rumah Tangga Miskin di Kabupaten Jombang OD Arleina, BW Otok *Bootstrap Aggregating Multivariate Adaptive Regression Splines (Bagging MARS) to Classify Poor Households in Jombang District* *OD Arleina, BW Otok*	Jurnal Sains dan Seni ITS 3 (2), D91-D96
2014	Klasifikasi Rumah Tangga Miskin di Kabupaten Jombang Berdasarkan Faktor-faktor yang Mempengaruhi dengan Pendekatan CART (Classification and Regression Trees) R Inayah, BW Otok, SW Purnami	Jurnal Sains dan Seni ITS 3 (2), D284-D289

Year	Title	Journal Name
	Classification of Poor Households in Jombang Regency Based on Factors Influencing cart approach (Classification and Regression Trees) *R Inayah, BW Otok, SW Purnami*	
2014	E-GOVERNMENT MODERATOR IN RELIABILITY ON SATISFACTION AND ITS IMPLICATIONS TOWARD CITIZEN LOYALTY IN GOVERNMENT PUBLIC SERVICE OF SURABAYA CITY. MN Usman, A Thoyib, BW Otok	International Journal of Academic Research 6 (5)
2014	Bootstrap Aggregating Multivariate Adaptive Regression Splines (Bagging MARS) for Poor Households Classification in Region of Jombang OD Arleina, BW Otok	Available at SSRN 2489898
2014	ENSEMBLE METHOD OF CLASSIFICATION TREE ON DIABETES MELLITUS PATIENT DR. MM DUNDA HOSPITAL OF GORONTALO. R Hiola, BW Otok	Journal of Medicine & Biomedical Sciences 5 (1)
2014	OPTIMAL INPUT OF DATA SERIES IN PREDICTED THE NUMBER PATIENT OF HIV-AIDS IN EAST JAVA PROVINCE USING MULTIVARIATE ADAPTIVE REGRESSION SPLINES. H Jusuf, BW Otok	Journal of Medicine & Biomedical Sciences 5 (1)
2014	SERVICE QUALITY AND REGIONAL TAX REGULATIONS INFLUENCE TAXPAYER COMPLIANCE INTERVENING TAXPAYER SATISFACTION AND BEHAVIOR USING STRUCTURAL EQUATION MODELING APPROACH. RN Hidayat, SR Handayani, BW Otok	International Journal of Academic Research 6 (4)
2014	Ridge Regression in Calibration Models with Symmetric Padding Extension-Daubechies Wavelet Transform Preprocessing S Sunaryo, BW Otok	Journal of Modern Applied Statistical Methods 13 (1), 16

Year	Title	Journal Name
2014	DETERMINATION OF SAMPLE SIZE FOR EVALUATION GREENSPACE USING THE CUMULATIVE CONCENTRATION LEVELS OF CARBON DIOXIDE IN AMBIENT AIR. IB Santoso, BW Otok	International Journal of Academic Research 6 (1)
2013	Infrastructure Development Strategy for Sustainable Wastewater System by using SEM Method (Case Study Setiabudi and Tebet Districts, South Jakarta) E Setiawati, S Notodarmojo, P Soewondo, AJ Effendi, BW Otok	Procedia Environmental Sciences 17, 685-692
2013	Confirmatory Factor Analysis On Strategic Leadership, Corporate Culture, Good Corporate Governance And Company Performance DE Araujo, B Christiananta, L Ellitan, WB Otok	SAVAP Journal
2013	Confirmatory Factor Analysis on Organization Reputation, Strategic Leadership, and Organization Culture as A Resources-Basedview DBK Wahjudono, L Ellitan, BW Otok	Journal of Management Research-2013, Vol. 5, No. 2-ISSN 1941-899X
2013	Pemodelan Chemical Oxygen Demand (COD) Sungai di Surabaya Dengan Metode Mixed Geographically Weighted Regression AK Lumaela, BW Otok, S Sutikno *Modeling Chemical Oxygen Demand (COD) River in Surabaya With Mixed Geographically Weighted Regression Method* *AK Lumaela, BW Otok, S Sutikno*	Jurnal Sains dan Seni ITS 2 (1), D100-D105
2013	Pengembangan Indikator Rumah Tangga Miskin Provinsi Jawa Timur Menggunakan Structural Equation Modelling Bootstrap Aggregating (SEM BAGGING) ESE Saputro, BW Otok *Development of Poor Household Indicators of East Java Province Using Structural Equation Modelling Bootstrap Aggregating (SEM BAGGING)*	Jurnal Sains dan Seni ITS 2 (1), D89-D94

Year	Title	Journal Name
	ESE Saputro, BW Otok	
2013	SMOOTH SUPPORT VECTOR MACHINE DAN MULTIVARIATE ADAPTIVE REGRESSION SPLINE UNTUK MENDIAGNOSIS KANKER PAYUDARA S Andari, SW Purnami, BW Otok *SMOOTH SUPPORT VECTOR MACHINE AND MULTIVARIATE ADAPTIVE REGRESSION SPLINE TO DIAGNOSE BREAST CANCER* *S Andari, SW Purnami, BW Otok*	Jurnal Statistika 1 (2)
2013	PEMODELAN KEMISKINAN DI JAWA TIMUR DENGAN STRUCTURAL EQUATION MODELING-PARTIAL LEAST SQUARE G Anuraga, BW Otok *POVERTY MODELING IN EAST JAVA WITH STRUCTURAL EQUATION MODELING-PARTIAL LEAST SQUARE* *G Anuraga, BW Otok*	Jurnal Statistika 1 (2)
2012	Pemodelan Structural Equation Modeling (SEM) Berbasis Varians Pada Derajat Kesehatan Di Propinsi Jawa Timur 2010 N Hidayat, BW OTOK *Structural Equation Modeling (SEM) Based Variance On Health Degrees In East Java Province 2010* *N Hidayat, BW OTOK*	
2012	Ensemble method based on anfis-arima for rainfall prediction R Faulina, DA Lusia, BW Otok, H Kuswanto	Statistics in Science, Business, and Engineering (ICSSBE)
2012	STRUCTURAL EQUATION MODELING AND ANALYTICAL HIERARCHY PROCESS FOR SUSTAINABLE WASTEWATER INFRASTRUCTURE OF JAKARTA. E Setiawati, S Notodarmodjo, P Soewondo, AJ Effendi, BW Otok	International Journal of Academic Research 4 (6)

Year	Title	Journal Name
2011	UNDERDEVELOPED VILLAGES MODELING IN GORONTALO PROVINCE USING MULTIVARIATE ADAPTIVE REGRESSION SPLINES (MARS) F MA'RUF, BW OTOK	
2011	EVALUATION OF CLUSTERING SEASON ZONE IN NGAWI EAST JAVA USING SUPPORT VECTOR MACHINE (SVM) BW OTOK, A SUHARSONO, ENUR SHOBIBAH	
2011	EVALUATION OF ACCURACY CLUSTERING ZOM BMKG IN NGAWI WITH MULTIVARIATE ADAPTIVE REGRESSION SPLINE (MARS) APPROACHING NUR FAIZAH, BW OTOK	
2011	Design of Experiment to Optimize the Architecture of Wavelet Neural Network for Forecasting the Tourist Arrivals in Indonesia BW Otok, BSS Ulama, AJ Endharta	Informatics Engineering and Information Science, 14-23
2010	Pendekatan Multivariate Adaptive Regression Spline (MARS) pada Pengelompokkan Zona Musim Suatu Wilayah BW Otok *Multivariate Adaptive Regression Spline (MARS) Approach to Grouping a Region's Season Zones* *BW Otok*	STATISTIKA: Forum Teori dan Aplikasi Statistika 10 (2)
2010	Pengembangan Structural Equation Modeling pada Moderasi Kepribadian Terhadap Indeks Prestasi Dosen Menggunakan Metode Split (Score Factor) A Zeinita, BW Otok *Development of Structural Equation Modeling on Personality Moderation of Lecturer Achievement Index Using Split Method (Score Factor)* *A Zeinita, BW Otok*	STATISTIKA: Forum Teori dan Aplikasi Statistika 10 (2)
2010	MODERASI STRUCTURAL EQUATION MODELING PADA KEPRIBADIAN TERHADAP	

Year	Title	Journal Name
	INDEKS PRESTASI DOSEN (IPD) MENGGUNAKAN METODE PING TN WIDJAYANINGRUM, BW OTOK *MODERATION OF STRUCTURAL EQUATION MODELING ON PERSONALITY TO LECTURER ACHIEVEMENT INDEX (IPD) USING PING METHOD* *MR WIDJAYANINGRUM, BW OTOK*	
2010	BAGGING MARS PADA PERAMALAN PRODUKSI PADI DI PROPINSI KALIMANTAN BARAT N Kamaliah, BW Otok *BAGGING MARS ON RICE PRODUCTION FORECASTING IN WEST KALIMANTAN PROVINCE* *N Kamaliah, BW Otok*	
2010	PENGEMBANGAN MODEL RAMALAN PRODUKSI PADI DENGAN PENDEKATAN BAGGING MARS A YUANITA, BW OTOK *DEVELOPMENT OF RICE PRODUCTION FORECAST MODEL WITH MARS BAGGING APPROACH* *A YUANITA, BW OTOK*	
2009	Generalixed Reduced Gradient Optimization for Ammunition caliber 57 mm C-60 Het	Jurnal Ilmu Dasar (Akreditasi)
2009	Development of Rainfall Forecasting Model in Indonesia by Using ASTAR, Transfer Function, and ARIMA Methods	European Journal of Scientifc Research
2009	Consistency and Asymptotic Normality of Maximum Likelihood Estimator in MARS Binary Response Model	Jurnal Ilmu Dasar (Akreditasi)
2008	Asimtotik Model Multivariate Adaptive Regression Spline *Asymptotic Model Multivariate Adaptive Regression Spline*	Jurnal NATUR INDONESIA (Akreditasi)

Year	Title	Journal Name
2008	Pemilihan Model Terbaik Pada MARS Respon Kontinu *Selection of The Best Model On MARS Continuous Response*	STATISTIKA: Forum Teori dan Aplikasi
2007	Mengatasi Penyimpangan Asumsi Normalitas pada Pemodelan Persamaan Struktural menggunakan Bootstrap *Overcoming Deviations in Assumptions of Normality in Structural Equation Modeling using Bootstrap*	Jurnal WIDYA MANAJEMEN & AKUNTANSI
2007	Pendekatan Bootstrap pada Klasifikasi Pemodelan Respon Ordinal *Bootstrap's Approach to Ordinal Response Modeling Classification*	Jurnal ILMU DASAR (Akreditasi)
2007	Fuzzy Modeling Approach and Global Optimization for Dual Response Surface	Jurnal Teknik Industri: Keilmuan dan Aplikasi Teknik Industri (Akreditasi)
2006	Pemodelan BSpline and MARS pada nilai ujian masuk terhadap IPK Mahasiswa Jurusan Disain Komunikasi Visual UK-PETRA Surabaya *Modeling BSpline and MARS on entrance test scores against GPA Students of Visual Communication Design Department UK-PETRA Surabaya*	Jurnal Teknik Industri: Keilmuan dan Aplikasi Teknik Industri (Akreditasi)
2006	Pengaruh Praktik MSDM Yang Dibentuk oleh Unsur Motivasi Terhadap OCB melalui Komitmen Organisasi Pada AMA Surabaya *The Influence of MSDM Practices Formed by Motivational Elements towards OCB through Organizational Commitment to AMA Surabaya*	Jurnal Ekonomi Bisnis dan Akuntansi VENTURA (Akreditasi)
2006	Faktor-faktor yang mempengaruhi volume perdagangan saham Menggunakan Multivariate adaptive regression splines *Factors That Affect Stock Trading Volume Using Multivariate Adaptive Regression Splines*	Jurnal WIDYA MANAJEMEN & AKUNTANSI (Akreditasi)
2005	Klasifikasi Perbankan dengan Pendekatan CART dan MARS *Banking Classification with CART and MARS Approach*	Jurnal WIDYA MANAJEMEN & AKUNTANSI (Akreditasi)

F. Oral Scientific Article Publication on Summit / Seminar Experiences

Year	Summit Name	Title
2019	Journal of Physics: Conference Series	Multivariate Adaptive Generalized Poisson Regression Spline (MAGPRS) on the number of acute respiratory infection infants
2019	Journal of Physics: Conference Series	Modeling and hypothesis testing for the factors affecting infant's diarrhea using Generalized Poisson Regression
2019	AIP Conference Proceedings	Development of model poverty in Java using Meta-Analysis Structural Equation Modeling (MASEM)
2019	*IOP Conference Series: Materials Science and Engineering (2019)*	Estimation Parameter of Generalized Poisson Regression Model Using Generalized Method of Moments and Its Application
2019	*IOP Conference Series: Materials Science and Engineering (2019)*	Kernel-Spline Estimation of Additive Nonparametric Regression Model
2019	*IOP Conference Series: Materials Science and Engineering (2019)*	Parameter Estimation and Statistical Test in Multivariate Adaptive Generalized Poisson Regression Splines
2019	*Proceeding - 2018 International Symposium on Advanced Intelligent Informatics: Revolutionize Intelligent Informatics Spectrum for Humanity, SAIN 2018 (2019*	Parameter Estimation and Statistical Test of Mixed Geographically Weighted Bivariate Weibull Regression (MGWBWR): On the Cases of Infant Mortality and Maternal Mortality Rate in East Java 2016
2019	*Journal of Physics: Conference Series (2019)*	Smooth Support Vector Machine (SSVM) for classification of human development index
2018	*Proceedings of 2018 2nd International Conference on Biomedical Engineering: Smart Technology for Better Society, IBIOMED 2018 (2018)*	Propensity Score Matching Using Support Vector Machine in Case of Type 2 Diabetes Mellitus (DM)

2018	*Proceedings of 2018 2nd International Conference on Biomedical Engineering: Smart Technology for Better Society, IBIOMED 2018 (2018*	Propensity Score Stratification Using Support Vector Machine in HIV AIDS Case
2017	*Journal of Physics: Conference Series (2017)*	Estimation of truncated spline in nonlinear structural equation modeling using weighted least squares method
2017	*Journal of Physics: Conference Series (2017)*	Modelling of the education quality of a high schools in Sumenep Regency using spatial structural equation modelling
2017	*AIP Conference Proceedings (2017*	Parameter estimation and statistical test of geographically weighted bivariate Poisson inverse Gaussian regression models
2017	*AIP Conference Proceedings (2017*	Propensity score matching of the gymnastics for diabetes mellitus using logistic regression
2017	*Journal of Physics: Conference Series (2017)*	Structural Equation Modelling with Three Schemes Estimation of Score Factors on Partial Least Square (Case Study: The Quality of Education Level SMA/MA in Sumenep Regency)
2016	The 2016 Conference Fundamental and Applied Science for Advanced Technology (ConFAST 2016), FMIPA UAD - Yogyakarta	Path, Centroid, and Factor Scheme for Modeling the Remuneration of Educational Staff in ITS with Partial Least Square (PLS) Millatur Rodliyah, Bambang Widjanarko Otok, Wahyu Wibowo
2016	The 2016 Conference Fundamental and Applied Science for Advanced Technology (ConFAST 2016), FMIPA UAD - Yogyakarta	Modeling Abdominal Circumference of Generalized Least Square-Hierarchy Linear Masnatul Laili, Bambang Widjanarko Otok, Vita Ratnasari
2015	The 7th SEAMS – UGM Conference 2015, Enhancing The Role of Mathematics in Interdisiplinary	Simulation Study for Biresponses Nonparametric Regression Model Using MARS Ayub Parlin Ampulembang, Bambang Widjanarko Otok, Agnes Tuti Rumiati, Budiasih

	Researches, UGM - Yogyakarta	
2015	The 7th SEAMS – UGM Conference 2015, Enhancing The Role of Mathematics in Interdisiplinary Researches, UGM - Yogyakarta	Bootstrap Inference Longitudinal Semiparametric Regression Model Rahmawati Pane, Bambang Widjanarko Otok, Ismaini Zain, I Nyoman Budiantara
2015	Prosiding Seminar nasional matematika dan Pendidikan Matematika, Pascasarjana UNS Solo, ISBN 978-602-7048-61-4	Estimasi parameter pada geographically weighted Bivariate poisson regression dengan kovariansi Merupakan fungsi dari variabel bebas *Triyanto, Purhadi,* Bambang Widjanarko Otok*, dan Santi Wulan Purnami*
2014	Prosiding Seminar Matematika dan Pendidikan Matematik 1 (1) UNEJ	<u>META ANALYTIC STRUCTURAL EQUATION MODELING (MASEM) PADA FAKTOR-FAKTOR YANG MEMPENGARUHI DERAJAT KESEHATAN DI JAWA TIMUR</u> A Tohari, BW Otok
2014	Prosiding Seminar Matematika dan Pendidikan Matematik 1 (1) UNEJ	<u>ESTIMATION OF GENERALIZED METHOD OF MOMENT IN LOGISTIC REGRESSION MODEL</u> M Taurif, BW Otok
2014	Prosiding Seminar Matematika dan Pendidikan Matematik 1 (1) UNEJ	<u>META-ANALITYCSTRUCTURAL EQUATION MODELING (MASEM) PADA FAKTOR-FAKTOR YANG MEMPENGARUHI KEMISKINAN DI PULAU JAWA</u> AN Ngafiyah, BW Otok
2014	Prosiding Seminar Matematika dan Pendidikan Matematik 1 (1) UNEJ	<u>Pendekatan Multivariate Adaptive Regression SPLINES (MARS) pada Pemodelan Penduduk Miskin di Indonesia Tahun 2008-2012</u> Eta Ayu Dian, BW Otok
2014	Proceedings ISCM 2014	Parameter estimation of multivariate poisson Regression with covariance is a function of Independent variables

		Triyanto, Purhadi, Bambang Widjanarko Otok, dan Santi Wulan Purnami
2014	Prosiding Seminar nasional matematika,UNS Solo, VOLUME 2/NO.1/2014 ISN : 2337-392X Statistika, pendidikan matematika, Dan komputasi: Peranan matematika dan statistika dalam Menyikapi perubahan iklim	Pengujian Hipotesis pada Regresi Poisson Multivariate dengan Kovariansi Merupakan Fungsi dari Variabel Bebas *Triyanto, Purhadi, Bambang Widjanarko Otok, dan Santi Wulan Purnami*
2009	UGM, Yogyakarta	Prediction of Monthly Rainfall Characteristics based on Climate Indices Using Multi Input Transfer Functions IndoMS International Conference on Mathematics and Its Applications (IICMA – 2009)
2009	UGM, Yogyakarta	Comparison Between ARIMA, Transfer Function, And ASTAR Models For Forecasting Rainfall Data in Indonesia, ndoMS International Conference on Mathematics and Its Applications (IICMA – 2009)
2009	Universitas Malahayati, Bandar Lampung	Yield Curve Modelling of Indonesian Government Bonds Using Parametric and Nonparametric Methods, International Conference on Mathematics and Statistics 2009 (ICoMS – 2009 Universitas Malahayati)
2009	Program Pascasarjana, ITS, Surabaya	Faktor Faktor Yang Memengaruhi Pemberian ASI Ekslusif Pada Rumah Tangga Miskin Di Propinsi Sulawesi Tengah Dengan Pendekatan MARS Bagging, Seminar Nasional IX Pascasarjana
2009	Program Pascasarjana, ITS, Surabaya	CART Arcing Untuk Klasifikasi Kesejahteraan Rumah Tangga di Propinsi Jawa Tengah, Seminar Nasional IX Pascasarjana
2009	Program Pascasarjana, ITS, Surabaya	Analisis Survival Untuk Mengetahui Faktor-Faktor Yang Mempengaruhi Lama Pencapaian Standar Ketuntasan Minimal Pada Siswa SMP, Seminar Nasional IX Pascasarjana
2009	Program Pascasarjana, ITS, Surabaya	Klasifikasi Penjurusan Siswa SMK Negeri 1 TUAL Maluku Tenggara dengan Pendekatan Analisis Diskriminan dan Regresi Logistik Multinomial, Seminar Nasional IX Pascasarjana

2009	Program Pascasarjana, ITS, Surabaya	Pendekatan Bagging CART untuk klasifikasi Anak Putus Sekolah Di Jambi, Seminar Nasional IX Pascasarjana
2009	UNESA, Surabaya	Pemodelan Curah Hujan dengan Pendekatan Autoregressive Integreated Moving Average (ARIMA) dan Adaptive Spline Threshold Autoregressive (ASTAR), SemNas Matematika dan Pendidikan Matematika, Pascasarjana UNESA
2009	UNESA, Surabaya	Analisis Regresi Linear dan Residual Bootstrap Pada Pemodelan Produktivitas Padi Dengan Curah Hujan (Studi Kasus Di Wilayah Indramayu, Karawang dan Subang), SemNas Matematika dan Pendidikan Matematika, Pascasarjana UNESA
2009	Prosiding Seminar Nasional Matematika dan Pendidikan Matematika 8	Analisis Komponen Utama Kernel Untuk Pra Pemrosesan Pemodelan Statistical Downscaling J Manorang, S Sutikno, WB Otok
2009	UNESA, Surabaya	Yield Curve Modeling of Indonesian Goverment Bonds Using Robust Locally Weigthed Regression Smoothing Scatterplots. SemNas Matematika dan Pendidikan Matematika, Pascasarjana UNESA
2008	Matematika ITS, Surabaya	Inferensia Statistik Fungsi Basis Pada MARS Prediksi, Seminar Nasional Matematika, ITS
2008	Matematika ITS, Surabaya	Ketepatan Klasifikasi Pekrja Anak Di Sumatera Barat Dengan Pendekatan Mars, Seminar Nasional Matematika, ITS
2008	Matematika ITS, Surabaya	Pendekatan Mars Untuk Penentuan Tingkat Ketimpangan Pendapatan Di Indonesia, Seminar Nasional Matematika, ITS
2008	Matematika ITS, Surabaya	Pendekaotan Multivariate Adaptive Regression Spline (MARS) Pada Indeks Prestasi Mahasiswa UNM, Seminar Nasional Matematika, ITS
2008	Fakultas Sains dan Teknologi, Universitas Airlangga	Pemodelan Persamaan Struktural Untuk Sampel Kecil Menggunakan Metode Bootstrap Pada Partial Least Square
2008	Fakultas Sains dan Teknologi, Universitas Airlangga	Penentuan Kelas Akselerasi SMPN1 Surabaya dengan Pendekatan Analisis Diskriminan
2008	Fakultas Sains dan Teknologi, Universitas Airlangga	Faktor-Faktor Penjurusan Siswa SMK Negeri TUAL Maluku Tenggara Dengan Pendekatan Analisis Diskriminan

2008	Fakultas Sains dan Teknologi, Universitas Airlangga	Pengaruh Motivasi Terhadap Sikap Siswa Yang Melanjutkan Pada Perguruan Tinggi Dengan Pendekatan Structural Equation Modeling
2006	Statistika ITS, Surabaya	Basis Function of Spline and MARS With Bootstrap, MSMSSEA, ITS – Malaysia.
2006	UNISBA, Bandung	Optimize Knot and Basis Function at Truncated Spline and Multivariate Adaptive Regression Splines, ICOMS, UNISBA.
2006	Statistika IPB, Bogor	Supervised nonparametric in classification, Simposium Mahasiswa Statistika Program Doktor (S3) IPB
2006	Matematika UNRI, Riau	Kesalahan Pengelompokkan Kinerja Karyawan dengan Regresi Ordinal, UNRI, RIAU
2005	Matematika, UNS, Solo	Teknik Pengelompokkan dan Ketepatan Klasifikasi Wilayah Indonesia berdasarkan PDRB, UNS
2005	Matematika, UGM, Yogyakarta	Analisis Diskriminan dan MARS Untuk Klasifikasi Perbankan di Indonesia, UGM
2004	UDAYAN, Bali	Klasifikasi Perbankan di Indonesia dengan Pendekatan Bootstrap, UDAYANA, Bali
2004	Statistika ITS, Surabaya	Perbandingan Tren Trigonometri-ARIMA dan Feed Forward Neural Network Pada Data Time Series Non Linier, Seminar Nasional Statistika, VI, ITS, 2004
2004	Statistika ITS, Surabaya	Perbandingan MARS dengan Regresi Logistik Pada Respon Biner, Seminar Nasional Statistika, VI, ITS
2004	UNISBA, Bandung	Misclassified With Nonparametric Approach, UNISBA, Bandung

G. Book Writing Experiences

No.	Book Subject	Year	Number of Pages	Publisher

H. Training Experiences

Year	Training	Organizer
2002	Workshop Computation Statistics Process	UGM, Yogyakarta
2005	Workshop MathLab	UGM, Yogyakarta
2016	Workshop Sosialisasi Sertifikasi Reviewer Penelitian Berbasis ISO/IEC 17024:2012 (WSSRP)	ITS, Surabaya

I. Awards (From Goverment, association or other institutions)

No.	Award Type	Awarding Institution	Year
1	SATYALANCANA BY SATYA" , X Year	President of the Republic of Indonesia	2004

All the data I filled and listed in this biodata is true and can be accounted by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, August 3rd 2021

(Dr. Bambang Widjanarko Otok, S.Si, M.Si)

CURRICULUM VITAE

Dr. Kartika Fithriasari, M.Si

NIP	19691212 199303 2 002	
Email	kartika_f@statistika.its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 ITS	Statistika
	S2 IPB	Statistika
	S3 ITS	Statistika
Laboratorium	Statistika Komputasi	
Bidang Keahlian	Neural Network	
	Model Bayessian	
	Data Mining	

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/kartika-f/

A. Personal Identity

1	**Name**	**Dr. Dra. Kartika Fithriasari, M.Si**
2	Sex	Female
3	Functional Position	Lektor
4	Staff ID Number	19691212 199303 2 002
5	National Lecturer Identification Number	0012126909
6	Place and date of birth	Surabaya, December 12th 1969
7	Email	kartika_f@statistika.its.ac.id
8	Phone Number	
9	Office Address	Departement of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	(031)5943352 / Fax. (031)5922940
11	H- Scopus index	**5**
12	Authorship Indexing	**Google Scholar :** https://scholar.google.com/citations?hl=id&user=PpIYtxkAAAAJ **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=55865636600
13	Subjects taught	1. Neural Network
		2. Bayesian Model
		3. Data Mining

B. Education Background

	Bachelor	Master	Doctorate
College Name	Institut Teknologi Sepuluh Nopember, Surabaya	Institut Pertanian Bogor, Bogor	Institut Teknologi Sepuluh Nopember, Surabaya
Field of Study	Statistics	Statistics	Statistics
Entry-Graduate Year	1987 - 1992	1993 - 1997	2010 - 2014

C. Research Experiences

No.	Year	Research Title	Source of funds
1	2020 - 2021	Development of the genetic algorithm for Text Clustering in the Warehouse Hazard Report of Logistics Transportation Company	Ministry of Research and Higher Education Indonesia
2	2018 - 2020	Development of the Detector Model in Determining ROI in MRI images of Brain Tumors using the Bayesian Skew Normal Mixture Model	Ministry of Research and Higher Education Indonesia
3	2018 - 2019	Twitter Analysis For Evaluating the Surabaya City Development Using Hierarchical Bayesian Approach and Machine Learning	Ministry of Research and Higher Education Indonesia
4	2017 - 2018	Modeling and Mapping the Big-Data of Bidikmisi Program for Early Warning System in the MEA Era with the Hierarchical Bayesian Approach	Ministry of Research and Higher Education Indonesia

D. Social Service Experiences

No.	Year	Title

E. Scientific Article Writing Experiences in Journals

No.	Scientific Article Subject	Journal Name	Vol/No/Year
1	Face identification using multi-layer perceptron and convolutional neural network	*ICIC Express Letters*	15/2/2021
2	Algoritma ClusterMix K-Prototypes Untuk Menangkap Karakteristik Pasien Berdasarkan Variabel Penciri Mortalitas Pasien Dengan Gagal Jantung *ClusterMix K-Prototypes Algorithm to Capture Patient Characteristics Based on Variables to Characterize Mortality of Patients with Heart Failure*	*Inferensi*	4/1/2021
3	Data Mining Approach for Educational Decision Support	*EKSAKTA: Journal of Sciences and Data Analysis*	2/1/2021

No.	Scientific Article Subject	Journal Name	Vol/No/Year
4	A Bayesian neo-normal mixture model (Nenomimo) for MRI-based brain tumor segmentation	*Applied Sciences (Switzerland)*	10/14/2020
5	Gaussian Mixture Model for MRI Image Segmentation to Build a Three-Dimensional Image on Brain Tumor Area	MATEMATIKA: Malaysian Journal of Industrial and Applied Mathematics	36/3/2020
6	Deep Learning for Social Media Sentiment Analysis	MATEMATIKA: Malaysian Journal of Industrial and Applied Mathematics	36/2/2020
7	UNet-VGG16 with transfer learning for MRI-based brain tumor segmentation	Telkomnika	18/3/2020
8	Analisis Faktor Resiko Penyebab Diabetes Mellitus dengan Regresi Logistik Biner *Analysis of Risk Factors for Diabetes Mellitus with Binary Logistics Regression*	Inferensi	4/1/2020
9	Surabaya Government Performance Evaluation Using Tweet Analysis	MATEMATIKA: Malaysian Journal of Industrial and Applied Mathematics	36/1/2020
10	Handling Imbalance Data in Classification Model with Nominal Predictors	IJCSAM (International Journal of Computing Science and Applied Mathematics)	
11	Klasifikasi Sentimen Wisatawan Candi Borobudur pada Situs TripAdvisor Menggunakan Support Vector Machine dan K-Nearest Neighbor *Classification of Borobudur Temple Tourist Sentiments on TripAdvisor Sites Using Support Vector Machine and K-Nearest Neighbor*	Jurnal Sains dan Seni ITS	8/2/2020
12	Malaysian MRI-Based Brain Tumor Segmentation Using Gaussian and Hybrid Gaussian Mixture Model-Spatially Variant Finite Mixture Model with Expectation-Maximization Algorithm	Journal of Mathematical Sciences	14/1/2020
13	Classification Boosting in Imbalanced Data	Malaysian Journal of Science	36/sp2/2019
14	MRI-Based Brain Tumor Segmentation using Modified Stable Student's t from Burr Mixture Model with Bayesian Approach	Malaysian Journal of Mathematical Sciences	13/3/2019

F. Oral Scientific Article Publication on Summit / Seminar Experiences

No.	Summit Name	Scientific Article Subject	Time and Place
1	*IOP Conference Series: Materials Science and Engineering*	Incident Clustering in the Warehouse Workspaces by Using Text Mining	2021
2	*AIP Conference Proceedings*	Extending Runjags: A tutorial on adding Fisher's *z* distribution to Runjags	2021
3	*Journal of Physics: Conference Series*	Unsupervised Learning for MRI Brain Tumor Segmentation with Spatially Variant Finite Mixture Model in Reversible Jump MCMC Algorithm	2021
4	*Journal of Physics: Conference Series*	Bayesian MSTBurr mixture model in the construction of 3D-MRI brain tumor images	2021
5	Seminar Nasional Official Statistics	ANALISIS DAMPAK COVID-19 BAGI UMKM DI JAWA TIMUR *Analysis of the impact of COVID-19 for UMKM in East Java*	2020
6	*AIP Conference Proceedings*	Topic modeling Twitter data using Latent Dirichlet Allocation and Latent Semantic Analysis	2019
7	AIP Conference Proceedings	MRI-based brain tumor segmentation using Gaussian mixture model with reversible jump Markov chain Monte Carlo algorithm	2019
8	Proceedings of the Third International Conference on Computing	On the Markov Chain Monte Carlo Convergence Diagnostic of Bayesian Bernoulli Mixture Regression Model for Bidikmisi Scholarship Classification	2019
9	AIP Conference Proceedings	Bayesian spatially constrained Fernandez-steel skew normal mixture model for MRI-based brain tumor segmentation	2019
10	AIP Conference Proceedings	Modeling Jakarta composite index with long memory and asymmetric volatility approach	2019
11	AIP Conference Proceedings	Mixture model for image segmentation using Gaussian, Student's *t*, and Laplacian distribution with spatial dependence	2019
12	AIP Conference Proceedings	limate projection using quantile matching bootstrap: A case of temperature and precipitation in Komodo Island, East Nusa Tenggara	2019

No.	Summit Name	Scientific Article Subject	Time and Place
13	IOP Conference Series: Earth and Environmental Science	Multiresponse surface methodology to optimize the tablet's quality characteristics	2019

G. Book Writing Experiences

No.	Book Subject	Year	Number of Pages	Publisher

H. Training Experiences

No.	Training Subject	Date and Place	Organizer

I. Awards (From Goverment, association or other institutions)

No.	Award Type	Awarding Institution	Year

All the data I filled and listed in this biodata is true and can be accounted by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, August 3rd 2021

(Dr. Dra. Kartika Fithriasari, M.Si)

CURRICULUM VITAE

Dr. Vita Ratnasari, M.Si

NIP	19700910 199702 2 001	
Email	vita_ratna@statistika.its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 ITS	Statistika
	S2 ITS	Statistika
	S3 ITS	Statistika
Laboratorium	Statistika Sosial dan Kependudukan	
Bidang Keahlian	Analsis Regresi	
	Analisis Data Kategorik	
	Sructural Equation Modelling	

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/vita-ratna/

A. Personal Identity

1	**Name**	**Dr.Vita Ratnasari, S.Si, M.Si**
2	Sex	Female
3	Functional Position	Head of Lektor
4	Staff ID Number	19700910 199702 2 001
5	National Lecturer Identification Number	0019997008
6	Place and date of birth	Jember, September 10th 1970
7	Email	vita_ratna@statistika.its.ac.id
8	Phone Number	+62817324424
9	Office Address	Departement of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	(031)5943352 / Fax. (031)5922940
11	H- Scopus index	**4**
12	Authorship Indexing	**Google Scholar :** https://scholar.google.com/citations?hl=id&user=yyaleSIAAAAJ **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=57189440024
13	Subjects taught	1. Regression Analysis
		2. Categorical Data Analysis
		3. Stuctural Equation Modeling

B. Education Background

	Bachelor	Master	Doctorate
College Name	Institut Teknologi Sepuluh Nopember, Surabaya	Institut Teknologi Sepuluh Nopember, Surabaya	Institut Teknologi Sepuluh Nopember, Surabaya
Field of Study	Statistics	Statistics	Statistics
Entry-Graduate Year	1990-1995	1999-2001	2007-2012

C. Research Experiences

No.	Year	Research Title	Source of Funds
1	2020	Estimator Campuran Spline, Kernel, dan Deret Fourier Dalam Regresi Nonparametrik dan Semiparametrik Multirespon *Spline, Kernel, and Fourier Mixed Estimators In Nonparametric and Semiparametric Multirespon Regression*	RistekBRIN
2	2020	Estimator campuran spline, deret fourier dan kernel dalam regresi nonparametrik untuk data longitudinal *Spline, fourier series and kernel mixed estimator in nonparametric regression for longitudinal data*	RistekBRIN
3	2019	Regresi nonparametrik birespon berbasis estimator campuran spline truncated dan kernel. *Nonparametric Regression bi-response based estimator mix of truncated spline and kernel.*	Lokal ITS 2019
4	2019	Estimator campuran spline, deret fourier dan kernel dalam regresi nonparametrik untuk data longitudinal *Spline, fourier series and kernel mixed estimator in nonparametric regression for longitudinal data*	KEMENRISTEKDIKTI 2019
5	2018	Estimator Model Campuran Spline Truncated dan Kernel Dalam Regresi Nonparametrik Untuk Data Longitudinal *Estimator Of Truncated Spline Mixed Model and Kernel In Nonparametric Regression For Longitudinal Data*	KEMENRISTEKDIKTI 2018
6	2017	Estimator Model Campuran Spline Truncated dan Kernel Dalam Regresi Nonparametrik Untuk Data Longitudinal *Estimator Model Mixes Truncated Spline and Kernel In Nonparametric Regression For Longitudinal Data*	DP2M-DIKTI

No.	Year	Research Title	Source of Funds
7	2017	Strategi Meningkatkan Kualitas Layanan Dan Kepuasan Sebagai Upaya Mempertahankan Loyalitas Pasien Di Medical Center Di ITS *Strategies to Improve Service Quality And Satisfaction As An Effort to Maintain Patient Loyalty At ITS Medical Center*	BP PTNBH 2017
8	2016	Percepatan Kelulusan Mahasiswa Program Doktor Berkarakter Berbasis pada Optimalitas Peran Mahasiswa, Promotor dan Manajemen Pascasarjana (MPM). *Acceleration of Graduation of Doctoral Program Students Based on Optimality of Student Role, Promoter and Postgraduate Management (MPM).*	PNBP ITS 2016
9	2016	Kajian Keberhasilan dan Evaluasi Studi Mahasiswa Berdasarkan Jalur Seleksi Masuk (SNMPTN, SBMPTN, PKM, ADIK dan kerjasama lainnya) di Institut Teknologi Sepuluh Nopember Tahun 2011-2015 *Study of Success and Evaluation of Student Studies Based on Entrance Selection Path (SNMPTN, SBMPTN, PKM, ADIK and other cooperation) at Institut Teknologi Sepuluh Nopember 2011 - 2015*	PNBP ITS 2016
10	2016	Estimator Campuran Spline dan Kernel Dalam Regresi Nonparametrik Multivariabel *Spline and Kernel Mixed Estimators In Multivariable Nonparametric Regression*	Unggulan PT DIKTI - 2016
11	2015	Estimator Campuran Spline dan Kernel Dalam Regresi Nonparametrik Multivariabel *Spline and Kernel Mixed Estimators In Multivariable Nonparametric Regression*	Unggulan PT DIKTI - 2015
12	2014	Pengembangan Penelitian dan Pendidikan Ka-rakter Berbasis SCL-Plus Sebagai Upaya Mem-percepat dan Membangun Karakter Lulusan Program Pascasarjana *Development of Research and Education Ka-rakter Based SCL-Plus As An Effort to Accelerateand Build the Character of GraduateProgram Graduates*	Unggulan PT DIKTI - 2014
13	2013	Revitalisasi Peran dan Tugas Dosen Wali: Studi Persepsi Mahasiswa dan Dosen Terhadap Fungsi Dosen Wali	Kebijakan BOPTN-2013

No.	Year	Research Title	Source of Funds
		Revitalization of the Role and Duties of Guardian Lecturers: Study of Perceptions of Students and Lecturers towards the Function of Guardian Lecturers	
14	2012	Faktor Penentu Keberhasilan Studi Mahasiswa Program Pascasarjana dengan pendekatan Probit (Ketua Peneliti) *Determining Factors of Success of Postgraduate Study Students with Probit approach (Principal Investigator)*	Kebijakan BOPTN-2012
15	2012	Strategi Peningkatan Kemahiran Berbahasa Inggris Berdasarkan Hasil Analisis Tes Mahasiswa Baru ITS *English Proficiency Improvement Strategy Based on ITS New Student Test Analysis Results*	Kebijakan BOPTN-2012
16	2012	Evaluasi Terpadu Keberhasilan Proses Belajar Mengajar di ITS: Studi Tentang Metode Pelaporan di Bidang Akademik *Integrated Evaluation of The Success of the Teaching and Learning Process in ITS: Study of Reporting Methods in the Academic Field*	Kebijakan BOPTN-2012
17	2010	Pemodelan Data Tersensor Partisipasi Ekonomi Perempuan pada Rumah Tangga Miskin (RTM) dan Non RTM dengan Metode Regresi Tobit Multivariat (Anggota Peneliti) *Censored Data Modeling of Women's Economic Participation in Poor Households (RTM) and Non RTM with Multivariate Tobit Regression Method (Member)*	Strategis Nasional DP2M-DIKTI
18	2010	Estimasi dan Statistik Uji pada Model Probit Bivariat (Kasus Indeks Pembangunan Manusia di Indonesia) (Ketua Peneliti) *Estimation and Statistical Test on Probit Bivariat Model (Case of Human Development Index in Indonesia) (Principal Investigator)*	DP2M-DIKTI
19	2009	Pemetaan Potensi Ekonomi Perempuan Pada Rumah Tangga Miskin (RTM) dan Bukan RTM (Studi Pemodelan Partisipasi Ekonomi Perem-puan Di Jawa Timur Dengan Metode Regresi Logistik Mutivariat) (Ketua Peneliti) *Mapping the Economic Potential of Women in Poor Households (RTM) and Non-RTM (Modeling Study of Economic Participation of Perem-Puan In East Java With Mutivariat Logistic Regression Method) (Principal Investigator)*	Strategis Nasional DP2M-DIKTI

No.	Year	Research Title	Source of Funds
20	2009	Model Linear Respon Diskrit pada Tingkat Ke-matian Bayi, Indeks Pembangunan Manusia, HIV/AIDS serta Morbiditas (Anggota Peneliti) *Linear Model of Discrete Response at Infant Mortality Level, Human Development Index, HIV/AIDS and Morbidity (Research Member)*	SPP-ITS
21	2008	Analisis Regresi Logistik Multivariat Terhadap Masalah Gangguan Mata Pada Pasien enyakit Mata di Balai Kesehatan Mata Masyarakat (BKMM) Surabaya *Analysis of Multivariate Logistic Regression on Eye Disorder Problems in Eye Disease Patients at Balai Kesehatan Mata Masyarakat (BKMM) Surabaya*	PHK A3 jurusan Statistika FMIPA ITS
22	2008	Diagram Kontrol Atribut Bivariat Berdasarkan Model Log Linear (Angggota Peneliti) *Bivariate Attribute Control Diagram Based on Linear Log Model (Researcher Member)*	SPP-ITS
23	2007	Pengukuran Service Quality dan Relation Quality terhadap Loyalitas dengan Pendekatan Stuctural Equation Modeling (Ketua Peneliti) *Measurement of Service Quality and Relation Quality to Loyalty with Stuctural Equation Modeling Approach (Principal Investigator)*	SPP-ITS
24	2007	Uji Signifikansi dan Penaksir Parameter Multiple Probit *Multiple Probit Parameter Significance and Estimation Test*	PHK A3
25	2006	Uji Independensi Tabel Kontingensi Multiple Column Respon dengan Pendekatan Metode Bootstrap (Ketua Peneliti) *Multiple Column Response Contingency Table Independence Test with Bootstrap Method Approach (Principal Investigator)*	SPP-ITS
26	2005	Karakteristik dan Faktor yang Mempengaruhi Konsumen dalam Repurchase Intension Jasa Penerbangan di PT Merpati Nusantara Airlines (Ketua Peneliti) *Characteristics and Factors Influencing Consumers in Repurchase Intension of Flight Services at PT Merpati Nusantara Airlines (Principal Investigator)*	Due-Like Statistika-ITS

No.	Year	Research Title	Source of Funds
27	2003	Pendugaan Model Regresi Logistik dan Regresi Beta Binomial pada Data Respon Berskala Biner (Anggota Peneliti) *Estimating Binomial Logistics and Beta Regression Model in Binary-Scale Response Data (Research Member)*	SPP-ITS
28	2001	Perbandingan Variansi Penaksir Parameter Mo-del Loglinear Nominal dan Ordinal pada Varia-bel Berskala Ordinal (Ketua Peneliti) *Comparison of Variance of Nominal and Ordinal Mo-del Loglinear Parameter Estimators on Ordinal-Scale Varia-bells (Principal Investigator)*	SPP-ITS

D. Social Service Experiences

No.	Year	Title
1	2020	Pelatihan penulisan proposal penelitian dana dikti untuk dosen universitas dinamika, surabaya. *Training on writing research proposals for higher education funding for lecturers of dynamics university, Surabaya.*
2	2020	Penyusunan data offisial bidang kependudukan berbasis aplikasi sederhana excel dashboard di kelurahan putat jaya – Surabaya *Preparation of offisial data of population field based on simple application excel dashboard in putat jaya village - surabaya*
3	2019	Analisis tingkat kepuasan pasien terhadap kualitas pelayanan kesehatan di medical center its *Analysis of patient satisfaction level to the quality of health services in its medical center*
4	2019	Pelatihan metodelogi penelitian untuk dosen stikom – Surabaya *Research methodological training for lecturers stikom - surabaya*
5	2018	Pelatihan tata cara penyusunan proposal penelitian dana ristek dikti untuk dosen undar jombang *Training on how to prepare research proposals for ristek dikti funds for lecturers undar jombang*
6	2017	Pelatihan Metodologi Penelitian Untuk Dosen Universitas Darul Ulum, Jombang. *Research Method Training for Lecturers in Darul Ulum University, Jombang.*

No.	Year	Title
7	2017	Pelatihan Pembelajaran Eksak Berbasis Teknologi Informasi dan Komunikasi di SMA Muhammadiyah 1 Gresik *Training on Information and Communication Technology-Based Exact Learning at SMA Muhammadiyah 1 Gresik*
8	2016	Peningkatan kompetensi guru man 1 sidoarjo dalam proses belajar mengajar pada mata pelajaran eksak berbasis it dan media pembelajaran yang interaktif *Improvement of teacher competence man 1 sidoarjo in the teaching and learning process in it-based external subjects and interactive learning media*
9	2015	Pelatihan Analisis Data Untuk Pelaku Perbankan Syariah di Jawa Timur *Data Analysis Training for Sharia Banking Executant in East Java*
10	2014	Narasumber dalam Kegiatan survey occupancy Hotel di Wilayah Kota Surabaya *Speakers in survey of occupancy hotel activities in Surabaya City Area*
11	2014	Narasumber dalam kegiatan ’Profile Kependudukan Kota Surabaya’ pada tanggal 2 January – 2 Juni 2014 di Bappeko Surabaya *Speakers in the 'Population Profile of Surabaya City' on 2 January – 2 June 2014 in Bappeko Surabaya*
12	2014	Narasumber dalam kegiatan workshop Analisis Penelitian Kualitatif dan Kuantitatif bagi Dosen Fakultas Ilmu Tarbiyah dan Keguruan (FTIK) Universitas Islam Negeri Maulana Malik Ibrahim. *Speakers in the workshop qualitative and quantitative research analysis for lecturers of the Faculty of Tarbiyah and Teacher Training (FTIK) Maulana Malik Ibrahim State Islamic University.*
13	2013	Pelatihan Peningkatan Kualitas Proses Belajar Mengajar (PBM) Guru Madrasah Aliyah Negeri (MAN) Bangil Berbasis E-learning On-line dan off-line *Training on and off-line Teaching and Learning Process (PBM) Teachers of Madrasah Aliyah Negeri (MAN) Bangil Based E-learning*
14	2012	Peningkatan Kompetensi Guru Madrasah Aliyah (MA) dalam Proses Pembelajaran Berbasis Soft Skills & IT *Competency Improvement of Madrasah Aliyah (MA) Teachers in Soft Skills &IT Based Learning Process*

E. Scientific Article Writing Experiences in Journals

No.	Scientific Article Subject	Vol/No/Year	Journal Name
1	Modeling Poverty Percentages in the Papua Islands using Fourier Series in Nonparametric Regression Multivariable	1397/-/2019	Journal of Physics: Conference Series
2	Modeling of Parity Status of The Mother and Basic Immunization Giving to Infants with Semiparametric Bivariate Probit (Case Study: North Kalimantan Province in 2017)	-/-/2019	IOP Conference Series: Materials Science and Engineering
3	Experiment Design for Determining the Minimum Sample Size for Developing Sample Based Trip Length Distribution	-/-/2017	IOP Conference Series: Materials Science and Engineering
4	Reflexion on Linear Regression Trip Production Modelling Method for Ensuring Good Model Quality	1903/060013/2017	AIP Conference Proceedings
5	Hierarchical linear models on abdominal circumference research data using generalized least square	-/-/2016	AIP Conference Proceedings
6	Estimation of nonparametric regression curve using mixed estimator of multivariable truncated Spline and multivariable Kernel	12/6/2016	Global Journal of Pure and Applied Mathematics
7	Comparison Truncated Spline and Fourier Series In Multivariable Nonparametric Regression Models(Applications Data Of Poverty in Papua, Indonesia)	15/4/2015	International Journal of Basic & Applied Sciences
8	The Combination of Spline and Kernel Estimator for Nonparametric Regression and its Properties	9/122/2015	Applied Mathematical Sciences
9	Analysis of Factors that Influence Life Expectancy in East Java (Indonesia) Using Semiparametric Spline Regression Approach	14/2/2014	International Journal of Basic & Applied Sciences
10	Perbandingan Ketepatan Klasifikasi Pemodelan Keberhasilan Studi Mahasiswa	4/23-26/2012	Jurnal Statistika, FMIPA Univ Adibuana Surabaya

No.	Scientific Article Subject	Vol/No/Year	Journal Name
	Program Pascasarjana dengan Pendekatan Model Logit dan Model Probit *Comparison of Accuracy of Classification modeling success of Postgraduate Study Students with Logit Model Approach and Probit Model*		
11	Estimation and Test Statistic in Bivariate Probit Model (rxc)	1/3/2011	International Journal of Basic & Applied Sciences
12	Analisis Faktor-faktor yang Mempengaruhi Kepuasan dan Loyalitas Konsumen Pengguna Flexi Trendy Wilayah Surabaya dengan Menggunakan Metode *Structural Equation Modeling* *Analysis of Factors Influencing Customer Satisfaction and Loyalty of Flexi Trendy Users in Surabaya Area by Using Structural Equation Modeling Method*	3/1/2011	Jurnal Statistika, FMIPA Univ Adibuana Surabaya
13	Estimasi dan Statistik Uji pada Model Probit Biner Bivariat *Estimation and Test Statistics on Bivariate Binary Probit Models*	12/ 1/2011	Jurnal ILMU DASAR
14	Financial Behavior on Consumption Expenditure of Highly Educated People in Surabaya	6/2/2009	Journal of Business and Management
15	Goodness of Fit pada Binary Logit dan Probit	11/ 2/2008	Jurnal Matematika dan Ilmu Pengetahuan Alam

F. Oral Scientific Article Publication on Summit / Seminar Experiences

No	Summit Name	Scientific Article Subject	Time and Place
1	International Conference on Research, Implementation and Education of Mathematics and Science (6th ICRIEMS)	Modeling Poverty Percentages in the Papua Islands using Fourier Series in Nonparametric Regression Multivariable	Yogyakarta, 12-13 Juli 2019

No	Summit Name	Scientific Article Subject	Time and Place
2	The 9th Basic Science International Conference (Basic 2019)	Modeling Of Parity Status Of The Mother And Basic Immunization Giving To Infants With Semiparametric Bivariate Probit (Case Study: North Kalimantan Province In 2017)	Universitas Brawijaya, 2019
3	The 9th Basic Science International Conference (Basic 2019)	Modeling of Exclusive Breastfeeding and Mother Working Status with Recursive Bivariate Probit Model (Case Study in Surabaya City 2017)	Universitas Brawijaya, 2019
4	The 9th Basic Science International Conference (Basic 2019)	Interval Parameter Estimation of Quantile Regression Using BCa-Bootstrap Approach with Application to Open Unemployment Rate Study	Universitas Brawijaya, 2019
5	The 9th Basic Science International Conference (Basic 2019)	Kernel-Spline Estimation of Additive Nonparametric Regression Model	Universitas Brawijaya, 2019
6	International Conference on Information and Communications Technology (ICOIACT)	Comparison Performance Between Rare Event Weighted Logistics Regression and Truncated Regularized Prior Correction On Modeling Imbalanced Welfare Classification in Bali	Universitas Amikom Jogya, 2018
7	International Conference on Information and Communications Technology (ICOIACT)	Spasial Probit Regression Model: Recursive Importance Sampling Approach	Universitas Amikom Jogya, 2018
8	Interntional Conference on Advances in Business Management and Information Technology	Detection of Financial Statement Fraud on Annual Reports: A Fraud Application Model to Non-timely Filing of Indonesian Public Listed Companies 8-9 Feb, 2018	International Institute of Engineers & Researchers (IIER), Osaka, Japan, 2018
9	Seminar Nasional Statistika di UNPAD (Manajemen Resiko di Bidang Asuransi dan Perbankan)	Pemodelan Melek Huruf dan Rata-rata Lama Studi dengan Pendekatan Model Biner Bivariat *Literacy Modeling and Average Length of Study with Bivariate Binary Model Approach*	Bandung, 2010

No	Summit Name	Scientific Article Subject	Time and Place
10	Seminar Internasional Matematika di ITS	*Cencored Data Modeling: Using Univariate and Bivariate Tobit Regression Analysis*	Surabaya, 2010
11	Seminar Internasional di Lampung	*Ordinal Probit Regression Modelling* (*Factor That Influence Human Development Index In East Java Province*)	Lampung, 2009
12	Seminar Internasional di Lampung	*Bivariate Binary Logistic Regression on the Economic Labour Force Participation*	Lampung, 2009
13	Seminar Nasional Statistika VIII	Pengukuran Loyalitas dengan Pendekatan Structural Equation Modeling *Loyalty Measurement with Structural Equation Modeling Approach*	Surabaya, 2007
14	Second Joint Confe-rence Indonesia Ma-laysia on Mathema-tics and Statistics. (Research and Development for the Empowerment of Mathematics and Statistics Theory and Application)	*Application of Discriminant Function for Service Quality Analysis*	Surabaya, 2007
15	Seminar Nasional Matematika Pemodelan Matematika dan implementasinya	Repurchase intention pada produk Jasa Penerbangan *Repurchase intention on Aviation Services Product*	Surabaya, 2006
16	Seminar Nasional Statistika ke VII Statistika sebagai Dasar Pengambilan Kebijakan Pembangunan di Indonesia	Faktor-faktor yang mempengaruhi Kepuasan dan Performansi Kerja Pegawai dengan Pendekatan SEM di PT X *Factors that affect Employee Satisfaction and Performance with SEM Approach at PT X*	Surabaya, 2006

G. Book Writing Experiences

No.	Book Subject	Year	Number of Pages	Publisher
1	Buku Ajar Proses Stokastik	2007	330	Jurusan Statistika FMIPA-ITS.

No.	Book Subject	Year	Number of Pages	Publisher
2	Modul Ajar Model Reliabilitas	2006	266	Jurusan Statistika FMIPA-ITS.

H. Training Experiences

No.	Training Subject	Date and Place	Organizer

I. Awards (From Goverment, association or other institutions)

No.	Award Type	Awarding Institution	Year

All the data I filled and listed in this biodata is true and can be accounted by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, August 3rd 2021

(Dr.Vita Ratnasari, S.Si, M.Si)

CURRICULUM VITAE

Dr. Sutikno, M.Si

NIP	19710313 199702 1 001	
Email	sutikno[at]statistika.its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 ITS	Statistika
	S2 IPB	Statistika
	S3 IPB	Klimatologi
Laboratorium	Statistika Lingkungan dan Kesehatan	
Bidang Keahlian	Statistika Spasial	
	Statistika Lingkungan	
	Extreme Value Modelling	

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/sutikno/

A. Personal Identity

1	**Name**	**Dr. Sutikno, S.Si, M.Si**
2	Sex	Male
3	Functional Position	Lektor
4	Staff ID Number	19710313 199702 1 001
5	National Lecturer Identification Number	0013037105
6	Place and date of birth	Lamongan, March 13th 1971
7	Email	sutikno@statistika.its.ac.id
8	Phone Number	...
9	Office Address	Departement of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	(031)5943352 / Fax. (031)5922940
11	H- Scopus index	031-5943352
12	Authorship Indexing	**Google Scholar :** https://scholar.google.com/citations?hl=id&user=mB3e5h4AAAAJ **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=55535264800
13	Subjects taught	1. Spatial Statistics
		2. Environmental Statistics
		3. Extreme Value Modeling

B. Education Background

	Bachelor	Master	Doctorate

College Name	Institut Teknologi Sepuluh Nopember, Surabaya	Institut Pertanian Bogor, Bogor	Institut Pertanian Bogor, Bogor
Field of Study	Statistics	Statistics	Agroclimatology
Entry-Graduate Year	1991-1996	1999-2002	2003-2008

C. Research Experiences

No.	Year	Research Title	Source of Funding
1	2013	Pengembangan Teknologi Adaptasi Produksi Pertanian terhadap Perubahan Iklim melalui Pendekatan *Extreme Value Theory*Tahun*2* *Development of Agricultural Production Adaptation Technology to Climate Change through Extreme Value Theory Approach (Year 2)*	Dikti-Strategis Nasional
2	2014	Pengembangan Teknologi Adaptasi Produksi Pertanian terhadap Perubahan Iklim melalui Pendekatan *Extreme Value Theory*Tahun*3* *Development of Agricultural Production Adaptation Technology to Climate Change through Extreme Value Theory Approach (Year3)*	Dikti-Strategis Nasional
3	2015	Pengembangan Model Pemberdayaan Masyarakat Nelayan untuk Pengentasan Kemiskinan Di Kabupaten Parigi Moutong Provinsi Sulawesi Tengah Tahun I *Development of Fishermen's Community Empowerment Model for Poverty Alleviation in Parigi Moutong Regency, Central Sulawesi Province Year I*	PUPT
4	2016	Pengembangan Model Pemberdayaan Masyarakat Nelayan untuk Pengentasan Kemiskinan Di Kabupaten Parigi Moutong Provinsi Sulawesi Tengah Tahun II *Development of Fishermen's Community Empowerment Model for Poverty Alleviation in Parigi Moutong Regency, Central Sulawesi Province Year II*	PUPT
5	2017	Pengembangan Model Prakiraan CuacaMelalui Model Output Statistik Dengan Pendekatan Linear Dan Non-Linear Dalam Antisipasi Bencana Hidrometeorologi *Development of Weather Forecast Models Through Statistical Output Models With Linear And Non-Linear Approaches In Anticipation of Hydrometeorological Disasters*	Dikti-Strategis Nasional

D. Social Service Experiences

No.	Year	Title
1	2013	Social mapping dan Review CD di JOB PPEJ Tuban *Social mapping and REVIEW CD at JOB PPEJ Tuban*
2	2014	Penyusunan Profil Kependudukan Kota Surabaya 2014 *Preparation of The Population Profile of Surabaya City 2014*
3	2015	PerbaikanKesehatandanKeselamatanKerja (K3) padaIndustri Kecil Menengah (UKM) di JawaTimur- SupervisiToCNasabah Bank UMKM –Tahap 1 (Bank UMKM JawaTimur, ILO, Lab ErgonomiTehnikIndustriITS (Bank UMKM JawaTimur, ILO, Lab ErgonomiTehnikIndustri ITS) *Improvement of Health and Safety Of Work (K3) in Small and Medium Industries (SMEs) in East Java*
4	2016	Penyusunan Roadmap Program Kemitraandan Bina LingkunganPT.Pelindo IIITahap I *Preparation of Roadmap of Partnership and Community Development Program PT.Pelindo III Phase I*
5	2017	Penyusunan Roadmap Program Kemitraandan Bina LingkunganPT.Pelindo IIITahap II *Roadmap of Partnership and Community Development Program PT.Pelindo III Phase II*

E. Scientific Article Writing Experiences in Journals

No	Scientific Article Subject	Journal Name	Vol/No/Year
1	Maximum Likelihood Estimation For Spatial Durbin Model	Journal of Mathematics and Statistics	9/3/2013
2	Gaussian Copula Marginal Regression For Modeling Extreme Data With Application	Journal of Mathematics and Statistics	10/2/2014
3	Ensemble ROCK Methods and Ensemble SWFM Methods for Clustering of Cross Citrus Accessions Based on Mixed Numerical and Categorical Dataset	IOP Conf. Series: Earth and Environmental Science	58/2017

F. Oral Scientific Article Publication on Summit / Seminar Experiences

No.	Summit Name	Scientific Article Subject	Time and Place
1	ICSM	Estimation of SO2 and NO2 Concentrations in Jakarta Using Cokriging Method Revision	Surabaya, September 2014
2	Konferensi NasionalMatematika ke-17	Pemodelan Statistical Downscalling dengan Projection Pursuit Regression dan Adaptive Spline Threshold Autoregression Untuk Peramalan Curah Hujan	Surabaya, July 2014
3	Seminar NasionalMatematika,Statistika, PendidikanMatematika,danKomputasi UNS	IdentifikasiPerubahanIklim di Sentra ProduksiPadiJawaTimurdenganPendekatan*Extreme Value Theory*	Solo, Oktober 2014
4	International Conference On Research, ImplementationAnd EducationOf Mathematics And Sciences 2015	Software Design to Risk Analysis of Paddy Production With Enso Indicators (Case-Study: East Java)	Yogyakarta State University, 17-19 May 2015
5	International Conference on Science and ScienceEducation FMIPA	Bivariate Generalized Pareto Distribution to Predict The Return Level of Extreme Rainfall Data (Case: Applied in Ajung and Ledokombo Stations)	Satya Wacana Christian University, Salatiga
6	International Conference on Science and Science Education FMIPA	Modelling Spatial Extreme Value with Max Stable Process Based on Smith Model (Case Study: Modeling of Precipitation Extremes in Lamongan East Java)	Satya Wacana Christian University, Salatiga
7	International Conference on Theoretical and Applied Statistics 2016 (ICTAS 2016)	Clustering of Cross Citrus Accessions Based on Mixed Numerical and Categorical Dataset using Similarity Weight and Filter Method	Department Statistics, Surabaya, 19-20 Oct 2016
8	3th International Seminar on Science 2016 (ISS 2016)	Ensemble ROCK Methods and Ensemble SWFM Methods for Clustering of Cross Citrus Accessions Based on Mixed Numerical and Categorical Dataset	Department Statistics, Bogor, 3 Nov 2016
9	International Conference on Theoretical and Applied Statistics 2016 (ICTAS 2016)	Parameter Estimation on Spatial Extreme Value Model with Copula Approach (Case Study: Rainfall Extreme in Ngawi)	Department Statistics, Surabaya, 19-20 Oct 2016
10	International Conference on Theoretical and Applied Statistics 2016 (ICTAS 2016)	Geographically Weighted Panel Regression Modelling	Department Statistics, Surabaya, 19-20 Oct 2016

No.	Summit Name	Scientific Article Subject	Time and Place
11	International Conference on Theoretical and Applied Statistics 2016 (ICTAS 2016)	Parameter Estimation of Geographically Weighted Bivariate Generalized Poisson Regression Model	Department Statistics, Surabaya, 19-20 Oct 2016
12	International Conference on Theoretical and Applied Statistics 2016 (ICTAS 2016)	Parameter Estimation of Bivariate Poisson Inverse Gaussian Regression Model	Department Statistics, Surabaya, 19-20 Oct 2016

G. Book Writing Experiences

No.	Book Subject	Year	Number of Pages	Publisher
1	Strategi dan Tantangan Program Menuju Seratus Persen Bebas Buang Air Besar Sembarangan di JawaTimur	2015	166	Pusat Studi Potensi Daerah dan Pemberdayaan Masyarakat-LPPM ITS

H. Training Experiences

No.	Training Subject	Date and Place	Organizer

I. Awards (From Goverment, association or other institutions)

No.	Award Type	Awarding Institution	Year

All the data I filled and listed in this biodata is true and can be accounted by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, August 3rd 2021

(Dr. Sutikno, S.Si, M.Si)

CURRICULUM VITAE

Dr. Suhartono, M.Sc

NIP	19710929 199512 1 001	
Email	suhartono[at]statistika.its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 ITS	Statistika
	S2 UMIST, Manchester	Statistika
	S3 UGM	Statistika
	Post Doctoral UTM	Statistika
Laboratorium	Statistika Ekonomi, Finansial, dan Aktuaria	
Bidang Keahlian	Time Series Forecasting	
	Spatio Temporal Model	
	Neural Network	

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/dr-suhartono/

A. Personal Identity

1	**Name**	**Dr. Suhartono, S.Si, M.Sc**
2	Sex	Male
3	Functional Position	Head of Lektor
4	Staff ID Number	19710929 199512 1 001
5	National Lecturer Identification Number	0029097102
6	Place and date of birth	Malang , September 29th 1971
7	Email	suhartono@statistika.its.ac.id
8	Phone Number	...
9	Office Address	Departement of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	(031)5943352 / Fax. (031)5922940
11	H- Scopus index	**15**
12	Authorship Indexing	**Google Scholar :** https://scholar.google.com/citations?hl=id&user=BvEfK9UAAAAJ **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=34980102200
13	Subjects taught	1. Time Series Forecasting
		2. Spatio Temporal Model
		3. Neural Network

B. Education Background

	Bachelor	Master	Doctorate
College Name	Institut Teknologi Sepuluh Nopember, Surabaya	University of Manchaster Institute of Science and Technology, UK	Universitas Gadjah Mada, Yogyakarta
Field of Study	Statistics	Statistics	Statistics
Entry-Graduate Year	1990-1995	1997-1998	2003-2007

C. Research Experiences

No.	Year	Research Title	Source of Funding
1	2014-2016	Urban Traditional Market Layout Development For The Highest And Best Environmentally Sound Land Productivity	PTUPT DP2M Dikti
2	2014-2016	Forecasting Demand for Money Kartal With Spatial-Temporal Econometrics Model Approach as The Basis of Bank Indonesia's Strategy for Money Circulation Policy	PTUPT DP2M Dikti
3	2015-2017	Development of Adaptive and Collaborative Spatial Configuration and Economic Value of Urban Heritage	PTUPT DP2M Dikti
4	2015-2017	Development of Max-MCUSUM and Max-MEWMA Control Diagrams Based on Residual Model Multioutput Least Square SVR (MLS-SVR) for Autocorrelated Data	Research pmdsu DP2M Dikti
5	2016-2018	Analysis of Macroeconomic Policy Simulation on Economic Performance in the Era of Asean Economic Integration With Dynamic Spatial Simultaneous Equation Approach	PTPS DP2M Dikti
6	2017-2019	Development of Seasonal GSTAR Model with Exogenous Variables for Forecasting Space-Time Data With Calendar Variation Effect	PDUPT DP2M Dikti
7	2017-2018	Development of Discrete and Continuous Intensity Models for Multi-Period Forecasting On High-Dimensional Survival Data	PDUPT DP2M Dikti
8	2017-2019	Development of Multi-Level Hybrid Forecasting Model for Time-Running Data Prediction with Calendar Variation Effect	HIKOM DP2M Dikti
9	2019	GSTARX and RNN Hybrid Models for Spatio-Temporal Data Forecasting Containing Trend, Seasonal, and Calendar Variation	PTM DP2M Dikti
10	2020		

D. Social Service Experiences

No.	Year	Title
1	2011	Yield curve model and price modeling
2	2012	Review of Factors That Influence the Determination of Levels and Indicators *crisis management protocol* (CMP) in the framework of preventing and handling the crisis market securities
3	2013	Study of Modeling and Forecasting motorcycle sales (Type Duck, Matic, and Sport) in District / City of East Java and West Nusa Tenggara Province
4	2014-2019	As a Resource Person in the Workshop on Time Series Analysis: Classical to Modern Methods at several PT in Indonesia
5	2015-2019	As a Resource Person in the Workshop on Spatial-Temporal Modeling at several PT in Indonesia
6	2015	Assistance processing and analysis of statistical data for analysis of tourism potential in East Java Province
7	2017	Economic Empowerment Of Ex-Localization Tourism Village Batik Group Dolly Surabaya
8	2018	Making Fish Feed for Periodic Availability for White Pond Farmers with Fermentation Methods based on Local Ingredients
9	2018	Long-term planning review (Master Plan) of Kalimantan electricity system development 2017-2050
10	2019	Long-term planning study (Master Plan) of electricity system development in Bandar Lampung 2020-2030
11	2016-2019	As a National Research Reviewer for Research under DRPM
12	2019	As LPDP Interviewer for LPDP Scholarship Applicants

E. Scientific Article Writing Experiences in Journals

No.	Scientific Article Subject	Vol/No/Year	Journal Title
1	Bootstrap-based maximum multivariate CUSUM control chart	17/1/2020	*Quality technology &quantitative management*

No.	Scientific Article Subject	Vol/No/Year	Journal Title
2	Deep Neural Network for Forecasting Inflow and Outflow in Indonesia	48/8/2019	*Science Malaysiana*
3	Hybrid model for forecasting space-time data with calendar variationeffects	17/1/2019	*TELKOMNIKA*
4	Load Forecasting using Combination Model of Multiple Linear Regression with Neural Network for Malaysia City	47/2/2018	*Malaysiana Science*
5	Top-down forecasting for high dimensional currency circulation data from Bank Indonesia	9/2/2017	*International Journal of Advances in Soft Computing and its Application*
6	Prediction model development for onshore crude oil production based on offshore production using artificial neural network	95/21/2017	*Journal of Theoretical and Applied Information Technology*
7	Fractional residual plot for model validation	79/1/2017	*Journal of Technology (Sciences and Engineering)*
8	GSTARX-GLS Model for Spatio-Temporal Data Forecasting	10/S/2016	*Malaysian Journal of Mathematical Sciences*
9	S-GSTAR-SUR Model for Seasonal Spatio Temporal Data Forecasting	10/S/2016	*Malaysian Journal of Mathematical Sciences*
10	The development of an optimization procedure in WRBNN for time series forecasting	9/1/2016	*Electronic Journal of Applied Statistical Analysis*
11	Evaluation performance of time series approach for forecasting air pollution index in johor, malaysia	45/11/2016	*Science Malaysiana*
12	The asymptotic property of the sample generalized codifference function of stable MA(1)	99/9/2016	*Far East Journal of Mathematical Sciences*
13	Implemen-tation of multiple functions intervention model to evaluate the impact of the crisis and gambling	19/7A/2016	*Information (Japan)*

No.	Scientific Article Subject	Vol/No/Year	Journal Title
	prohibition policy on tourism in Batam		
14	Combined estimator fourier series and spline truncated in multivariable nonparametric regression	9/97-100/2015	*Applied Mathematical Sciences*
15	Fractional integrated recurrent neural network (FIRNN) for forecasting of time series data in electricity load in Java-Bali	8/29-32/2015	*Contempo-rary Engineering Sciences*
16	Wavelet neural network model selection for nonlinear-seasonal time series forecasting	11/1/2015	*Global Journal of Pure and Applied Mathematics*

F. Oral Scientific Article Publication on Summit / Seminar Experiences

No.	Summit Name	Scientific Article Title	Time and Place
1	2nd Innovation and Analytics Conference and Exhibition, IACE 2015.	Two levels ARIMAX and regression models for forecasting time series data with calendar variation effects	Hotel Alor Setar, Kedah; Malaysia; 29 September 2015 through 1 October 2015.
2	12th International Conference on Mathematics, Statistics, and Their Applications, ICMSA 2016.	Determinant factors of publication in Scopus at ITS	Syiah Kuala University 20 June 20166.
3	3rd International Conference on Soft Computing in Data Science, SCDS 2017.	Model selection in feedforward neural networks for forecasting inflow and outflow in Indonesia	Yogyakarta; Indonesia; 27 – 28 November 2017
4	1st International Conference on Applied and Industrial Mathematics and Statistics 2017, ICoAIMS 2017.	Hybrid model for forecasting time series with trend seasonal and salendar variation patterns	Vistana City CentreKuantan, Pahang; Malaysia; 8 – 10 August 2017.

No.	Summit Name	Scientific Article Title	Time and Place
5	2nd International Conference on Statistics, Mathematics, Teaching, and Research 2017, ICSMTR 2017.	Simulation Study for Determining the Best Architecture of Multilayer Perceptron for Forecasting Nonlinear Seasonal Time Series	Clarion HotelMakassar; Indonesia; 9 - 10 October 2017.
6	3rd International Neural Network Society Conference on Big Data and Deep Learning, INNS BDDL 2018.	Design of Experiment to Optimize the Architecture of Deep Learning for Nonlinear Time Series Forecasting	Prime Plaza Hotel Sanur, Bali; Indonesia; 17 – 19 April 2018.
7	4th International Conference on Soft Computing in Data Science, SCDS 2018.	A hybrid singular spectrum analysis and neural networks for forecasting inflow and outflow currency of bank Indonesia	Bangkok; Thailand; 15 – 16 August 2018.
8	The 5th International Conference on BasicSciences, ICBS 2019.	A Novel Hybrid GSTARX-RNN Model for Forecasting Space-Time Data with Calendar Variation Effect	Hotel Santika, Ambon, Indonesia; 5 - 6 September 2019.
9	International Conference on Soft Computing in DataScience, SCDS 2019.	New Hybrid Statistical Method and Machine Learning for PM 10 Prediction	Kyushu Institute of Technology, Japan; 28-29 August 2019
10	International Conference on Soft Computing in DataScience, SCDS 2019.	Forecasting the Search Trend of Muslim Clothing in Indonesia on Google Trends Data Using ARIMAX and Neural Network	Kyushu Institute of Technology, Japan; 28-29 August 2019

G. Book Writing Experiences

No.	Book Subject	Year	Number of Pages	Publisher
	Analisis Data Statistik dengan R	2008	298	Graha Ilmu

H. Training Experiences

No.	Training Subject	Date and Place	Organizer

I. Awards (From Goverment, association or other institutions)

No.	Award Type	Awarding Institution	Year

All the data I filled and listed in this biodata is true and can be accounted by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, August 2020

(Dr. Suhartono, S.Si, M.Sc)

CURRICULUM VITAE

Santi Wulan Purnami, M.Si, Ph.D

NIP	19720923 199803 2 001	
Email	santi_wp[at]statistika.its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 ITS	Statistika
	S2 UGM	Matematika
	S3 Univ. Malaysia Pahang	Computer Science
Laboratorium	Statistika Lingkungan dan Kesehatan	
Bidang Keahlian	Data Mining	
	Analisis Multivariat	
	Analisis Survival	

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/santi-w-p/

A. Personal Identity

1	**Name**	**Dr. Santi Wulan Purnami, S.Si, M.Si**
2	Sex	Female
3	Functional Position	Assistant Professor
4	Staff ID Number	19720923 199803 2001
5	National Lecturer Identification Number	0023097204
6	Place and date of birth	Kediri, September 23, 1972
7	Email	santiwulan08@gmail.com
8	Phone Number	081234158275
9	Office Address	Departement of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	(031)5943352 / Fax. (031)5922940
11	H- Scopus index	**7**
12	Authorship Indexing	**Google Scholar :** https://scholar.google.co.id/citations?user=Z_gAQqIAAAAJ&hl=en **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=25825438700
13	Subjects taught	1. Multivariate Analysis
		2. Data Mining
		3. Survival Analysis
		4. Meta Analysis

B. Education Background

	Bachelor	Master	Doctorate
College Name	Institut Teknologi Sepuluh Nopember, Surabaya	Universitas Gadjah Mada, Yogyakarta	University Malaysia Pahang, Malaysia
Field of Study	Statistics	Mathematics	Computer Science
Entry-Graduate Year	1992 - 1996	2002 - 2004	2008-2011

C. Research Experiences

No.	Year	Research Title	Source of funds
1	2008	Applying Data Mining Technique To Classify Breast Cancer Diagnosis Using Smooth Support Vector Machine	RDU, UMP Malaysia
2	2012	Analisis Diagnosis Dan Prognosis Kanker Payudara Menggunakan Machine Learning Dan Survival Analysis *Analysis of Breast Cancer Diagnosis and Prognosis Using Machine Learning and Survival Analysis*	BOPTN ITS
3	2013-2014	Early Detection Of Cervical Cancer Using Spline Smooth Support Vector Machine	BOPTN ITS
4	2014	Reduced Support Vector Machine Berbasis Teknik Clustering Untuk Klasifikasi Data Besar	PNBP-ITS 2014
5	2014	Analisis Pengaruh Controllable Risk Factors Terhadap Terjadinya Stroke Pada Usia Produktif Menggunakan Polychoric Factor Analysis Dan Reduced Support Vector Machine *Effect of Controllable Risk Factors on the Occurrence of Stroke at Productive Age Using Polychoric Factor Analysis and Reduced Support Vector Machine*	National Institute of Health Research and Development - Indonesian Ministry of Health
6	2015-2017	Predicting Survival of Cervical Cancer Based on Support Vector Machine And Bayesian Survival Analysis	International Collaboration Research /RISTEK DIKTI
7	2016-2017	Hybrid Support Vector Machine Untuk Klasifikasi High Dimensional dan Imbalanced Data *Hybrid Support Vector Machine for High Dimensional and Imbalanced Data Classification*	HIKOM/RISTEK DIKTI
8	2017	Teknik Resampling Untuk Mengatasi Imbalalance Data Berdimensi Tinggi Pada Klasifikasi Biner *Resampling Techniques to Overcome High-Dimensional Data Imbalance in Binary Classification*	PNBP-ITS 2017
9	2018-2020	Klasifikasi Fase, Spektrum, Dan Respon Terapi Pada Penderita Epilepsi Menggunakan Support Vector Machine (SVM) Berdasarkan Sinyal Electro Encephalo Graphy (EEG) Dan Electro Cardio Graphy (ECG) *Classification of Phases, Spectrums, and Therapeutic Responses in Epileptic Patients Using a Support Vector Machine (SVM) Based On Electro Encephalo Graphy (EEG) And Electro Cardio Graphy (ECG) Signals*	PDUPT-RISTEK DIKTI

No.	Year	Research Title	Source of funds
10	2020	Estimasi Fungsi Baseline Hazard Pada Model Cox Proporsional Hazard Berbasis Informasi Family History (Studi Kasus: Pasien Kanker Otak Yang Menjalani Terapi Electro Capacitive Cancer) *Baseline Hazard Function Estimation in Cox Proportional Hazard Model based on Family History Information (Case Study: Brain Cancer Patient Undergoing Electro Capacitive Cancer Therapy)*	RISTEK DIKTI
11	2020	Competing Risk Dalam Analisis Survival Terhadap Pasien Kanker Payudara Dengan Menggunakan Metode Cumulative Incidence Function (CIF) Dan Model Fine-Gray *Competing Risk in Survival Analysis of Breast Cancer Patients Using Cumulative Incidence Function (CIF) Methods and Fine-Gray Models*	RISTEK DIKTI

D. Social Service Experiences

No.	Year	Title
1	2012	Study of Tamiflu Stock Management for Influenza Incidence Preparedness, Research and Development Agency of the Surabaya Health Service
2	2012	Mapping of Employees in the Regional Civil Service Agency of East Java Province
3	2015	Biostatistics Analysis Training at the College of Health Sciences (Stikes) Surabaya
4	2013	Dissemination and Seminar on Health Research in Bojonegoro Regency, Community Service, Statistics Department, ITS,
5	2014	Mapping and Assistance of Open Defecation Status in Fisherman Communities in Kenjeran Surabaya
6	2014	Biostatistics Modeling Training
7	2015	Dissemination of Environmental and Health Research Results in Pasuruan City, East Java
8	2016	Improving the Quality and Enrichment of Learning Through Biostatistics Training at The College of Health Sciences (STIKES) Majapahit, Mojokerto
9	2017	Biostatistics Analysis Training at Wiraraja University Sumenep
10	2018	Dissemination of Research Results in the Environmental and Health Sector at the Banjarmasin City Health Polytechnic, South Kalimantan
11	2019	Education And Assistance Through Seizure Diary To Improve Quality Of Life In Ode Community (People With Epilepsy) in East Java
12	2020	Halal socialization and assistance to Food and Beverage Product SMEs incorporated in SINTESA Sidoarjo Association

E. Scientific Article Writing Experiences in Journals

No.	Scientific Article Subject	Journal Name	Vol/No/Year
1	A New Smooth Support Vector Machine and Its Applications in Diabetes Disease Diagnosis,	Journal of Computer Science	5/12/2009

No.	Scientific Article Subject	Journal Name	Vol/No/Year
2	A New Expert System for Diabetes Disease Diagnosis Using Modified Spline Smooth Support Vector Machine	Lecture Note in Computer Science 6019 2010	pp.83-92, ISBN 978-3-642-12188-3, Springer, Heidelberg, 2010
3	Embong, A.Data Mining Technique for Medical Diagnosis Using a New Smooth Support Vector Machine	Lecture Note in Computer Science, 2010	pp. 15-27, ISBN 978-3-642-14305-2, Springer
4	A.Reduced Support Vector Machine Based on k-Mode Clustering for Classification Large Categorical Dataset,	Communications in Computer and Information Science series 180, LNCS 2011	pp. 694–702, ISBN 978-3-642-22190-3, Springer, Heidelberg,
5	K-Mode Clustering Reduced Support Vector Machine,	International Journal of Database Theory and Application 2011	Vol. 4, No. 1, pp. 19-29, ISSN: 2005-4270, 2011
6	A Comparison of Smoothing Functions in Smooth Support Vector Machine, ,	Journal of Computing and Applications (JACA) 2011	Vol.1, pp. 1-7, 2011
7	Slump Flow Modeling of Self-Compacting Concrete Using Smooth Support Vector Regression (SSVR),	Applied Mechanics and Materials 2014	493, 743-748
8	Reduced support vector machine based on nonhierarchical clustering techniques for classifying mixed large-scale datasets,	International Journal of Applied Mathematics and Statistics 2014	Vol. 53 Issue 5, pp. 40 – 46,
9	Comparison of Piecewise Polynomial Smooth Support Vector Machine to Classify Diagnosis of Cervical Cancer,	International Journal of Applied Mathematics and Statistics™ 2015	53 (6), 158-166,
10	High-Dimensional Data Classification Based on Smooth Support Vector Machines,	Procedia Computer Science, 2016	72, 477-484
11	Combine Sampling Support Vector Machine for Imbalanced Data Classification,	Procedia Computer Science 2016	72, 59-66,
12	Boosting support vector machines for imbalanced microarray data	Procedia computer science, 2018	144, 174-183

F. Oral Scientific Article Publication on Summit / Seminar Experiences

No.	Summit Name	Scientific Article Subject	Time and Place
1	International Conference on Mathematics, Statistics, and Its Applications (ICMSA 2012),	Breast Cancer Diagnosis using Smooth Support Vector Machine and Multivariate Adaptive Regression splines	Bali Indonesia, 2012
2	ICMSA 2012	The Classification of Breast Cancer Malignancy Using Ordinal Logistic Regression and Support Vector Machine (SVM),	Bali Indonesia, 2012
3	Postgraduate National Seminar XIII	Multiclass Least Square Support Vector Machine Untuk Klasifikasi	Surabaya Indonesia, 2013

No.	Summit Name	Scientific Article Subject	Time and Place
		Hasil Pap Smear Pada Kanker Serviks,	
4	International Conference on Biomedical Engineering Technology and Application (ICBeta)	Classifying large-scale categorical datasets using reduced support vector machine based on clustering technique,	Yogyakarta Indonesia, 2014
5	International Conference on Theoretical and Applied Statistics	Parameter Optimization of Support Vector Machine using Taguchi Approach for High-dimensional Data,	Surabaya, October 2016
6	International Conference on Theoretical and Applied Statistics,	Comparison Martingale Residual and Deviance Residual in Multivariate Adaptive Regression Splines to Analyze Cervical Cancer Survival,	Surabaya, October 2016
7	International Conference on Machine Learning and Computing (ICMLC 2017),	Smote-Least Square Support Vector Machine for Classification of Multiclass Imbalanced Data,	Singapore, February 24-26, 2017
8	ICMLC 2017	On Selecting Features for Binary Classification in Microarray Data Analyses,	Singapore, February 24-26, 2017
9	ICMSA 2018	Additive survival least square support vector machines: A simulation study and its application to cervical cancer prediction	Malaysia, 2018
10	ICMSA 2018	Fuzzy support vector machine for microarray imbalanced data classification	Malaysia, 2018
		Boosting support vector machines for imbalanced microarray data	
11	ICISPC 2019	Classify Epileptic EEG Signals using Extreme Support Vector Machine for Ictal and Muscle Artifact Detection	Singapore, 2019

G. Training Experiences

No.	Training Subject	Date and Place	Organizer
1	Advanced Basic Ethics Training	8-9 August 2019	Unair Hospital
2	Applied Good Clinical Practice (GCP) Training	20-21 August 2019	Unair Hospital
3	Halal Mover Cadre	10-15 August 2020	Halal Study Center - ITS
4	Halal Supervisor Training	March 2021	Halal Study Center - ITS

All the data I filled and listed in this biodata is true and can be accounted by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, 3 August 2021

(Dr. Santi Wulan Purnami, S.Si, M.Si)

CURRICULUM VITAE

Dr. Wibawati, S.Si, M.Si

NIP	19741213 199802 2 001	
Email	wibawati[at]statistika.its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 ITS	Statistika
	S2 UGM	Statistika
	S3 ITS	Statistika
Laboratorium	Statistika Bisnis dan Industri	
Bidang Keahlian		

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/wibawati-msi/

A. Personal Identity

1	**Name**	**Dr. Wibawati, S.Si, M.Si**
2	Sex	Female
3	Functional Position	Assistant Professor
4	Staff ID Number	19741213 199802 2 001
5	National Lecturer Identification Number	0013127404
6	Place and date of birth	Megalang, December 13, 1974
7	Email	wibawati@statistika.its.ac.id
8	Phone Number	081553346131
9	Office Address	Department of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	(031)5943352 / Fax. (031)5922940
11	H- Scopus index	3
12	Authorship Indexing	**Google Scholar :** https://scholar.google.co.id/citations?user=XjD_tC8AAAAJ&hl=en **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=57190935509
13	Subjects taught	Statistical Quality Control
		Operation Management
		Introduction to Statistical Method
		Matrices
		Mathematics III
		Mathematics IV
		Operation Research

B. Education Background

	Bachelor	Master	Doctorate
College Name	Institut Teknologi Sepuluh Nopember, Surabaya	Universitas Gadjah Mada, Yogyakarta	Institut Teknologi Sepuluh Nopember, Surabaya
Field of Study	Statistics	Mathematics	Statistics
Entry-Graduate Year	1993-1997	2001-2003	2014-2020

C. Research Experiences

No.	Year	Research Title	Source of funds
1	2017	Performa diagram kendali fuzzy Multinomial *Performance of Multinomial Fuzzy Control Chart*	DIKTI
2	2019	Pengembangan Diagram Kontrol Variabilitas Multivariat Berbasis Statistik Trace (Rho-2) *Development of Multivariate Variability Control Chart Based on Trace Statistics (Rho-2)*	Ministry of Research, Technology, and Higher Education
3	2020	Performa Diagram Kontrol Multivariat Dynamic Hotelling's T2 dalam Memonitor Mixed Quality Characteristics dengan Principal Component Analysis (PCA) *Performance of Dynamic Hotelling's T2 Multivariate Control Chart in Monitoring Mixed Quality Characteristics with Principal Component Analysis (PCA)*	ITS
4	2020	Pengembangan Diagram Kontrol Multivariate Berbasis Kernel Principal Component Analysis untuk Mixed Variable dan Attribute Quality Characteristics. *Development of Multivariate Control Chart Based on Kernel Principal Component Analysis for Mixed Variables and Attribute Quality Characteristics.*	DIKTI
5	2020	Pengembangan Diagram Kontrol Robust Mixed Hotelling's T2 berbasis PCA Mix dengan Dynamic Control Limit untuk Network Anomaly Detection *Development of Robust Mixed Hotelling's T2 Control Chart based on PCA Mix with Dynamic Control Limit for Network Anomaly Detection*	DIKTI

D. Social Service Experiences

No.	Year	Title
1	2018	Monitoring the Quality of Drinking Water Production of PDAM Lamongan Regency
2	2019	Improving Learning Ability Based on ICT and Data Science for Muslimat NU Kindergarten Teachers in Lamongan Regency
3	2019	Statistical Data Analysis Training for Industry
4	2020	Assistance in Consulting Services to Provide the Gini Index for the Mojokerto City in 2019
5	2020	Creating the ICOR ILOR Mojokerto City in 2019
6	2020	Creating the Socio-Economic Indicators and Income Distribution of Blitar Regency

7	2020	Poverty Mapping in Madiun Regency 2019
8	2020	Fundamental Statistical Quality Control Workshop for Quality Assurance staff at PT Semen Indonesia (Persero) Tbk

E. Scientific Article Writing Experiences in Journals

No.	Scientific Article Subject	Journal Name	Vol/No/Year
1	Multivariate Control Chart Based on Kernel PCA for Monitoring Mixed Variable and Attribute Quality Characteristics	Symmetry	Volume 12, Issue 11, 10.3390/sym12111838
2	A fuzzy bivariate poisson control chart	Symmetry	Volume 12, Issue 4, 10.3390/sym12040573
3	Tr(R2) control charts based on kernel density estimation for monitoring multivariate variability process.	Cogent Engineering 2019	Volume 6, 2019 - Issue 1

F. Oral Scientific Article Publication on Summit / Seminar Experiences

No.	Summit Name	Scientific Article Subject	Time and Place
1	International Conference on Mathematics: Pure, Applied and Computation	Monitoring the Variability of Cement Compressive Strength Using Multivariate Exponentially Weighted Moving Covariance Matrix (MEWMC) Control Chart	October 24, 2020, ITS Surabaya Indonesia
2	International Conference on Mathematics: Pure, Applied and Computation	Quality Control of Water Production Process Using Multivariate Control Charts	October 24, 2020, ITS Surabaya Indonesia
3	International Conference on Mathematics, Statistics, and Data Science	Quality Control of Labelstock Using Fuzzy Exponentially Weighted Moving Average (FEWMA) Control Chart	November 11-12, 2020, IPB Indonesia
4	International Conference on Mathematics, Statistics, and Data Science	Monitoring Quality of Water Production Process Using Mixed Multivariate	November 11–12, 2020, IPB Indonesia
5	2nd International conference on Statistics, Mathematics, Teaching, and Research 2019	Performance of fuzzy multinomial control chart	November 9-10, 2017, Makassar Indonesia

G. Awards (From Government, association or other institutions)

No.	Award Type	Awarding Institution	Year
1	Tanda Penghargaan Dwidya Satya Perdana	ITS	2018

All the data I filled and listed in this biodata is true and can be accounted by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, 3 August 2021

(Dr. Wibawati, S.Si, M.Si)

CURRICULUM VITAE

Santi Puteri Rahayu, M.Si, Ph.D

NIP	19750115 199903 2 003	
Email	santi_pr[at]statistika.its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 ITS	Statistika
	S2 IPB	Statistika
	S3 UKM	Statistika Terapan
Laboratorium	Statistika Ekonomi, Finansial, dan Aktuaria	
Bidang Keahlian	Analisis Multivariat	
	Metode Ensemble	
	Analisis Survival	

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/santi-p-rahayu/

A. Personal Identity

1	**Name**	**Santi Puteri Rahayu, M.Si, Ph.D**
2	Sex	Female
3	Functional Position	Assistant Professor
4	Staff ID Number	19750115 199903 2003
5	National Lecturer Identification Number	0015017502
6	Place and date of birth	Surabaya, January 15, 1975
7	Email	sprahayu@gmail.com
8	Phone Number	081234863900
9	Office Address	Department of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	(031)5943352 / Fax. (031)5922940
11	H- Scopus index	3
12	Authorship Indexing	**Google Scholar :** https://scholar.google.com/citations?user=ZFrCUOQAAAAJ&hl=en **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=25825485400
13	Subjects taught	1. Multivariate Analysis
		2. Regression Analysis
		3. Categorical Data Analysis
		4. Econometrics

B. Education Background

	Bachelor	Master	Doctorate
College Name	Institut Teknologi Sepuluh Nopember, Surabaya	Institut Teknologi Sepuluh Nopember, Surabaya	University Malaysia Pahang, Malaysia
Field of Study	Statistics	Statistics	Computer Science
Entry-Graduate Year	1993 - 1997	2001 - 2003	2007-2012

C. Research Experiences

No.	Year	Research Title	Source of funds
1	2017	Analisis Statistika Multivariat Berbasis *Fuzzy* untuk Pengelompokan Potensi Ekonomi Kabupaten/Kota di Provinsi Jawa Timur sebagai Dasar Kebijakan Peningkatan Pertumbuhan Ekonomi *Fuzzy-Based Multivariate Statistical Analysis for Clustering the District/City Economic Potentials in East Java Province as a Fundamental Policy for Increasing Economic Growth*	Institut Teknologi Sepuluh Nopember
2	2018	Analisis Statistika Multivariat Berbasis Metode Ensemble Data Campuran Untuk Pemetaan Kabupaten/Kota di Provinsi Jawa Timur sebagai Dasar Kebijakan Pemerataan Pembangunan *Multivariate Statistical Analysis Based on Mixed Data Ensemble Method for Mapping Districts/Cities in East Java Province as the Fundamental for Equitable Development Policy*	Institut Teknologi Sepuluh Nopember

D. Social Service Experiences

No.	Year	Title
1	2014	Pelatihan Manajemen dan Pengolahan Data Statistik Untuk PNS di Lingkungan Pemerintahan Provinsi Jawa Timur *Statistical Data Management and Processing Training for Civil Servants in the Government of East Java Province*
2	2019	Pemanfaatan Limbah sebagai Bahan Baku Pakan Ternak Ayam untuk Peningkatan Ekonomi Masyarakat Keputih *Utilization of Waste as Raw Material for Chicken Livestock to Improve the Economy of the Keputih Society*

E. Scientific Article Writing Experiences in Journals

No.	Scientific Article Subject	Journal Name	Vol/No/Year
1	Kernel Logistic Regression-Linear for Leukemia Classification using High Dimensional Data	Jurnal Teknologi Informasi	2009, 7(3): 143-148
2	Pemodelan Regresi Multivariat Pada Penentuan Faktor-Faktor Yang Berpengaruh Terhadap Kesejahteraan di Jawa Tengah	Jurnal Varians	2020, Vol. 3 No. 2, 125-138

No.	Scientific Article Subject	Journal Name	Vol/No/Year
	Multivariate Regression Modeling in Determining Factors Affecting Welfare in Central Java		

F. Oral Scientific Article Publication on Summit / Seminar Experiences

No.	Summit Name	Scientific Article Subject	Time and Place
1	International Conference on Advances Science and Contemporary Engineering (ICASCE)	Logistic regression methods with truncated newton method.	Procedia Engineering, 2012, 50: 827-836
2	The International Conference on Science and Applied Science (ICSAS)	The approach of Fuzzy C-Means Cluster and Factor Analysis on economic potential mapping of regency / city in East Java Province	Solo, Indonesia, AIP Conference Proceedings 2014 (1), 2018, 020082

G. Training Experiences

No.	Training Subject	Date and Place	Organizer
1	Pelatihan Classification Tree dan Penerapanya untuk Credit Scoring	November 5-6, 2019	IPB Training

All the data I filled and listed in this biodata is true and can be accounted by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, 5 August 2021

(Santi Puteri Rahayu, M.Si, Ph.D)

CURRICULUM VITAE

Irhamah, M.Si, Ph.D

NIP	19780406 200112 2 002	
Email	irhamah@statistika.its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 UB	Statistika
	S2 ITS	Statistika
	S3 UTM	Matematika
Laboratorium	Statistika Komputasi dan Sains Data	
Bidang Keahlian	Riset Operasi	
	Algoritma Genetika	
	Analisis Deret Waktu	
	Komputasi Statistik	

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/irhamah-phd/

A. Personal Identity

1	**Name**	**Irhamah, M.Si, Ph.D**
2	Sex	Female
3	Functional Position	Assistant Professor
4	Staff ID Number	19780406 200112 2 002
5	National Lecturer Identification Number	006047803
6	Place and date of birth	Malang, April 6, 1978
7	Email	irhamah@statistika.its.ac.id, irhamahn@gmail.com
8	Phone Number	08113429301
9	Office Address	Department of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	(031)5943352 / Fax. (031)5922940
11	H- Scopus index	7
12	Authorship Indexing	**Google Scholar :** https://scholar.google.co.id/citations?user=wXV4dTEAAAAJ&hl=en **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=26532913800
13	Subjects taught	Data Analysis, Data Mining, Computational Statistics, Time Series Analysis, Operation Research, Exploratory Data Analysis, Research Methods, Matrices, Numerical Analysis

B. Education Background

	Bachelor	Master	Doctorate
College Name	Universitas Brawijaya, Malang	Institut Teknologi Sepuluh Nopember, Surabaya	Universiti Teknologi Malaysia
Field of Study	Statistics	Statistics	Statistics
Graduate Year	1999	2001	2008

C. Research Experiences

No.	Year	Research Title	Source of funds
1	2020	Penelitian Peramalan Beban Listrik Jangka Pendek Menggunakan Hybrid Least-Squares Support Vector Regression dengan Algoritma Genetika dan Particle Swarm Optimization *Short Term Electrical Load Forecasting Using Hybrid Least-Squares Support Vector Regression with Genetic Algorithm and Particle Swarm Optimization*	Ristekdikti
2	2020	Pengembangan Algoritma Genetika untuk Text Clustering pada Warehouse Hazard Report Perusahaan Transportasi Logistik *Development of Genetic Algorithm for Text Clustering on Warehouse Hazard Report for Logistics Transportation Company*	Ristekdikti
3	2019-2020	Hybrid Ant Colony Optimization – Support Vector Machine Untuk Klasifikasi High Dimensional Data *Hybrid Ant Colony Optimization – Support Vector Machine for Classification of High Dimensional Data*	Ristekdikti
4	2019-2021	Analisis Dampak Solar Geoengeineering Terhadap Perubahan Temperatur dan Curah Hujan Ekstrim di Indonesia *Analysis the Impact of Solar Geoengineering on Changes in Temperature and Extreme Precipitation in Indonesia*	Ristekdikti
5	2019-2020	Pengembangan Komputasi Statistika Dalam Pemodelan Mixture Hirarki Bayesian Conditional Autoregressive Spasial Kasus Demam Berdarah Dengue *Development of Computational Statistics in Bayesian Conditional Autoregressive Hierarchical Mixture Modeling in Dengue Hemorrhagic Fever Cases*	Ristekdikti
6	2018-2020	Pengembangan Hybrid Analisis Diskriminan Dan Algoritma Genetika Untuk Penaksiran Parameter Dan Seleksi Variabel Pada Klasifikasi Penyakit Dan Tipe Pasien *Development of Hybrid Discriminant Analysis and Genetic Algorithm for Parameter Estimation and Variable Selection in Disease and Type of Patient Classification*	Ristekdikti
7	2018	Hybrid Support Vector Machine Untuk Klasifikasi High Dimensional Dan Imbalanced Data *Hybrid Support Vector Machine For High Dimensional And Imbalanced Data Classification*	Ristekdikti
8	2018	Pengembangan Model Detektor Ketepatan Penentuan ROI Pada Citra MRI Tumor Otak Dengan Pendekatan Bayesian Skew Normal Mixture Model	Ristekdikti

No.	Year	Research Title	Source of funds
		Development of Detector Model for Determination of ROI on Brain Tumor MRI Images Using Bayesian Skew Normal Mixture Model Approach	
9	2018	Pengembangan Komputasi Statistika Dalam Pemodelan Mixture Hirarki Bayesian Conditional Autoregressive Spasial Kasus Demam Berdarah Dengue *Development of Computational Statistics in Bayesian Conditional Autoregressive Hierarchical Mixture Modeling in Dengue Hemorrhagic Fever Cases*	Ristekdikti
10	2018	Development of Ensemble Based Model For Classification And Variable Selection On High Dimensional Data	Ristekdikti
11	2017	Pengembangan Hybrid Analisis Diskriminan Dan Algoritma Genetika Untuk Penaksiran Parameter Dan Seleksi Variabel Pada Klasifikasi Penyakit Dan Tipe Pasien *Pengembangan Hybrid Analisis Diskriminan Dan Algoritma Genetika Untuk Penaksiran Parameter Dan Seleksi Variabel Pada Klasifikasi Penyakit Dan Tipe Pasien*	Ristekdikti
12	2017	Inventarisasi Hutan Kampus ITS Menggunakan Foto Udara Dengan Wahana Multicopter RTF Dalam Upaya Konservasi Habitat Dan Pelestarian Keanekaragaman Hayati *ITS Campus Forest Inventory Using Aerial Photography with RTF Multicopter Vehicles for Habitat Conservation and Biodiversity*	ITS
13	2017	Pengembangan Algoritma Genetika Untuk Pemodelan Data Secara Statistika *Development of Genetic Algorithm for Statistical Data Modeling*	Ristekdikti
14	2017	Development Of Ensemble Based Model For Classification And Variable Selection On High Dimensional Data	Ristekdikti
15	2017	Evaluasi Kinerja Unit Di Lingkungan Di ITS Dalam Rangka Mendukung ITS PTN-BH *Evaluation of Unit Performance in ITS to Support ITS PTN-BH*	ITS
16	2017	Hybrid Support Vector Machine Untuk Klasifikasi High Dimensional Dan Imbalanced Data *Hybrid Support Vector Machine for High Dimensional and Imbalanced Data Classification*	Ristekdikti
17	2016	Development Of Ensemble Based Model For Classification And Variable Selection On High Dimensional Data	Ristekdikti
18	2016	Pengembangan Algoritma Genetika Untuk Pemodelan Data Secara Statistika *Development of Genetic Algorithm for Statistical Data Modeling*	Ristekdikti
19	2016	Hybrid Support Vector Machine Untuk Klasifikasi High Dimensional Dan Imbalanced Data	Ristekdikti
20	2016	Pemodelan dan Optimasi Banyak Penderita Demam berdarah dan yang Meninggal, Menggunakan Time Series Poisson Integer Bivariat Secara Numerik dan Algoritma Genetika *Modeling and Optimization the Number of Dengue Fever Patients and Deaths, Using Numerical Bivariate Poisson Integer Time Series and Genetic Algorithms*	ITS

No.	Year	Research Title	Source of funds
21	2015	Pengembangan Diagram Kontrol Variabilitas Multivariat Berbasis Statistik Trace (Rho-2) *Development of Multivariate Variability Control Chart Based on Trace Statistics (Rho-2)*	Ristekdikti
22	2015	Pengembangan Algoritma Genetika Untuk Pemodelan Data Secara Statistika *Development of Genetic Algorithm for Statistical Data Modeling*	Ristekdikti
23	2014	Development Of A Test For Detecting Spurious Long Memory Using Skip Sampling	Ristekdikti
24	2014	Pengembangan Sistem Prediksi Iklim Ensembel Berbasis Hybrid- BMG (Hybmg) Sebagai Sistem Peringatan Dini Terhadap Perubahan Iklim *Development of a Hybrid-Based Ensemble Climate Prediction System (Hybmg) as an Early Warning System for Climate Change*	Ristekdikti
25	2013	Development of A Test For Detecting Spurious Long Memory Using Skip Sampling	Ristekdikti
26	2013	Pengembangan Sistem Prediksi Iklim Ensembel Berbasis Hybrid- BMG (Hybmg) Sebagai Sistem Peringatan Dini Terhadap Perubahan Iklim *Development of a Hybrid-Based Ensemble Climate Prediction System (Hybmg) as an Early Warning System for Climate Change*	Ristekdikti
27	2011	Pengembangan Model Kalibrasi Ensembel Tiruan Untuk Peramalan Kecepatan Angin Dengan Bayesian Model Averaging *Development of Artificial Ensemble Calibration Model for Wind Speed Forecasting using Bayesian Model Averaging*	ITS
28	2011	Pengembangan Low Cost Gyro-Accelerator Combo-Sensor dan Algoritma Sistem Kendali dan Navigasi untuk Wahana Tanpa Awak Bawah Air *Development of Low Cost Gyro-Accelerator Combo-Sensor and Control and Navigation System Algorithm for Underwater Unmanned Vehicles*	ITS
29	2011	Pengembangan dan Implementasi Model Mixture Survival Spasial dengan Frailty Berdistribusi Conditional Autoregressive (Car) pada Paket Program Open Source Winbugs untuk Pemodelan Data Spasial *Development and Implementation of Spatial Mixture Survival Model with Conditional Autoregressive Frailty in Winbugs Open Source Program Package for Spatial Data Modeling*	ITS
30	2011	Optimasi Sistem Persediaan Multi Item dengan Menggunakan Algoritma Genetika *Optimization of Multi Item Inventory System Using Genetic Algorithm*	ITS
31	2011	Peramalan Kecepatan Angin Menggunakan Adaptive Neuro Fuzzy Inference Systems *Wind Speed Forecasting Using Adaptive Neuro Fuzzy Inference Systems*	ITS

No.	Year	Research Title	Source of funds
32	2010	Rancang Bangun Automated Optical Inspection untuk Penyesuaian Pola Darah dengan Metode Flexible Mask dan Least Square *Automated Optical Inspection Design for Adjusting Blood Patterns with Flexible Mask and Least Square Methods*	Ristekdikti
33	2010	Pengembangan Model Ramalan Kecepatan Angin Menggunakan Hybrid Time Series dan Algoritma Genetika *Development of Wind Speed Forecasting Model Using Hybrid Time Series and Genetic Algorithm*	ITS

D. Social Service Experiences

No.	Year	Title
1	2020	Jasa Konsultasi Perencanaan Penyusunan Dokumen Indeks Demokrasi Indonesia Kabupaten Mojokerto (sebagai Ketua) *Consultancy Services for Preparation in Creating the Indonesian Democracy Index Document for Mojokerto Regency (as Chairman)*
2	2020	Jasa Konsultasi Perencanaan Penyusunan Buku Indeks Pembangunan Kesehatan Manusia Kabupaten Mojokerto (sebagai Ketua) *Consultancy Services for Preparation in Creating the Human Health Development Index Book for Mojokerto Regency (as Chairman)*
3	2020	Jasa Konsultasi Perencanaan Penyusunan Buku Analisis Indeks Kerukunan Umat Bergama Kabupaten Mojokerto (sebagai Ketua) *Consultancy Services for Preparation in Creating the Analysis of Religious Harmony Index Book for Mojokerto Regency (as Chairman)*
4	2020	Jasa Konsultasi Perencanaan Penyusunan Buku Analisis Indeks Kesalahan Sosial Kabupaten Mojokerto (sebagai Ketua) *Consultancy Services for Preparation in Creating the Analysis of Social Error Index Book for Mojokerto Regency (as Chairman)*
5	2020	Jasa Konsultasi Perencanaan Penyusunan Buku Tingkat Kepercayaan Masyarakat terhadap Pemerintah (sebagai Ketua) *Consultancy Services for Preparation in Creating the Level of Public Trust on the Government Book for Mojokerto Regency (as Chairman)*
6	2019	Jasa Konsultasi Perencanaan Penyusunan Dokumen Indeks Demokrasi Indonesia Kabupaten Mojokerto (sebagai Ketua) *Consultancy Services for Preparation in Creating the Indonesian Democracy Index Document for Mojokerto Regency (as Chairman)*
7	2019	Jasa Konsultasi Perencanaan Penyusunan Buku Indeks Pembangunan Kesehatan Manusia Kabupaten Mojokerto (sebagai Ketua) *Consultancy Services for Preparation in Creating Human Health Development Index Book for Mojokerto Regency (as Chairman)*
8	2019	Jasa Konsultasi Perencanaan Penyusunan Buku Analisis Variabel yang Mempengaruhi Indeks Gini Kabupaten Mojokerto (sebagai Anggota) *Consultancy Services for Preparation in Creating the Analysis of Variables Affecting Gini Index Book for Mojokerto Regency (as Member)*
9	2019	Jasa Konsultasi Perencanaan Penyusunan Buku Analisis Indeks Kerukunan Umat Bergama Kabupaten Mojokerto (sebagai Ketua)

No.	Year	Title
		Consultancy Services for Preparation in Creating the Analysis of Religious Harmony Index Book for Mojokerto Regency (as Chairman)
10	2019	Jasa Konsultasi Perencanaan Penyusunan Buku Analisis Kemiskinan Makro Kabupaten Mojokerto (sebagai Anggota) *Consultancy Services for Preparation in Creating the Macro Poverty Analysis Book for Mojokerto Regency (as Member)*
11	2019	Jasa Konsultasi Perencanaan Penyusunan Buku Analisis Indeks Kesalahan Sosial Kabupaten Mojokerto (sebagai Ketua) *Consultancy Services for Preparation in Creating the Analysis of Social Error Index Book for Mojokerto Regency (as Chairman)*
12	2019	Jasa Konsultasi Perencanaan Penyusunan Buku Tingkat Kepercayaan Masyarakat terhadap Pemerintah (sebagai Ketua) *Consultancy Services for Preparation in Creating Level of Public Trust on the Government Book for Mojokerto Regency (as Chairman)*
13	2019	Jasa Konsultasi Perencanaan Penyusunan Buku Analisis Variabel Determinan yang Mempengaruhi Indeks Pembangunan Manusia (sebagai Ketua) *Consultancy Services for Preparation in Creating the Analysis of Determinant Variables Affecting Human Development Index Book for Mojokerto Regency (as Chairman)*
14	2018	Survey Kerukunan Beragama Kabupaten Mojokerto Tahun 2018 *Mojokerto Regency Religious Harmony Survey in 2018*
15	2018	Pengukuran Indeks Demokrasi Indonesia, Kabupaten Mojokerto Tahun 2017 *Measurement of the Indonesian Democracy Index, Mojokerto Regency in 2017*
16	2018	Pengukuran Indeks Pembangunan Kesehatan Masyarakat, Kabupaten Mojokerto Tahun 2017 *Measurement of the Public Health Development Index, Mojokerto Regency in 2017*
17	2018	Survey Kesalehan Sosial Kabupaten Mojokerto Tahun 2018 *Mojokerto Regency Social Virtue Survey in 2018*
18	2018	Pengukuran Indeks Gotong Royong Kabupaten Mojokerto Tahun 2018 *Measurement of the Mojokerto Regency Mutual Cooperation Index in 2018*
19	2018	Pengukuran Tingkat Kepercayaan Masyarakat terhadap Pemerintah Kabupaten Mojokerto tahun 2018 *Measuring the Level of Public Trust in the Mojokerto Regency Government in 2018*
20	2018	Pengukuran Tingkat Kepuasan Stakeholder terhadap Layanan Unit di Lingkungan ITS *Measurement of Stakeholder Satisfaction Levels on Unit Services in ITS*
21	2018	Penyusunan Master plan Pengembangan Kawasan Tanggulangin, Kabupaten Sidoarjo *Preparation of the Tanggulangin Area Development Master Plan, Sidoarjo Regency*
22	2018	Pelatihan Peningkatan Ketrampilan CNC Lathe/Bubut MTU-150L Pada Guru SMA/SMK dan atau sederajat di Wilayah Provinsi Jawa Timur *MTU-150L CNC Lathe/Lathe Skills Improvement Training for SMA/SMK and or equivalent teachers in East Java Province*
23	2017	Workshop Implementasi Statistika pada Penelitian Tindakan Kelas (PTK) bagi Musyawarah Guru Mata Pelajaran (MGMP) IPA SMK Mojokerto *Workshop on Implementation of Statistics in Classroom Action Research for the Science Subject Teacher Forum at SMK Mojokerto*
24	2017	Smart Green House : Rancang Bangun Aktuator sebagai Pengendali Iklim Mikro dalam Optimalisasi Pertumbuhan Tanaman Budaya

No.	Year	Title
		Smart Green House : Design and Build Actuators as Microclimate Control in Optimizing the Growth of Cultural Plants
25	2016	Workshop Pengajaran Statistika Di Perguruan Tinggi Bagi Dosen Kopertis Wilayah VII *Workshop on Teaching Statistics in Higher Education for Lecturers in Regional VII Kopertis*
26	2016	Workshop Pengajaran Statistika Dan Peluang Secara Tematik Berdasarkan Kurikulum 2013 *Workshop on Teaching Statistics and Probabilities Thematically Based on the 2013 Curriculum*
27	2015	Peningkatan Kompetensi Guru dalam Pengajaran Statistika di SMA pada Model Pembelajaran Tematik Kurikulum 2013 *Improving Teacher Competence in Teaching Statistics in Senior High Schools on the Thematic Learning Model for 2013 Curriculum*
28	2014	Pelatihan Penggunaan Sistem Informasi Geografis Kependudukan Kota Surabaya *Training on the Application of the Population Geographic Information System in Surabaya City*
29	2014	Pelatihan dan Pendampingan Penerapan Metode Statistika dengan Minitab dan SPSS bagi Pegawai Kementerian Pekerjaan Umum *Training and Assistance on the Application of Statistical Methods with Minitab and SPSS for Employees of the Ministry of Public Works*
30	2013	Pelatihan Metode Statistika untuk Penelitian Keangkatan Lautan *Statistical Methods Training for Naval Research*
31	2012	Pemanfaatan Fitur-fitur otomatis pada Microsoft Word untuk Meningkatkan Kemampuan Menulis atau Writing Skill bagi Guru-guru SD. *Utilizing Automatic Features in Microsoft Word to Improve Writing Skills for Teachers in Primary School*
32	2012	Pemetaan Pegawai Di Lingkungan Badan Kepegawaian Daerah Provinsi Jawa Timur *Mapping of Employees in the Regional Civil Service Agency of East Java Province*
33	2012	Studi Pangsa Pasar Perusahaan Jasa Kontruksi di Propinsi Kalimantan Timur *Study on the Market Share of Construction Service Companies in East Kalimantan Province*
34	2012	Penerapan Metode Statistika dalam Penelitian Tindakan Kelas bagi Guru SMA As-Saadah Kecamatan Bungah Gresik *Application of Statistical Methods in Classroom Action Research for As-Saadah High School Teachers, Bungah Gresik District*
35	2011	Pelatihan R untuk Direktorat Jenderal Pengelolaan Utang Negara *R Training for the Directorate General of State Debt Management*
36	2011	Pelatihan Analisis Data Untuk Evaluasi Mutu Pembelajaran Dengan Metode Statistika di SD Alam Generasi Rabbani, Gondanglegi, Kabupaten Malang *Data Analysis Training for Evaluation of Learning Quality Using Statistical Methods at Alam Generasi Rabbani Primary School, Gondanglegi, Malang Regency*
37	2011	Pelatihan Statisika Dasar untuk Jurusan Teknik Industri, Sekolah Tinggi Teknologi Angkatan Laut, Surabaya *Fundamental Statistics Training for Industrial Engineering Department, Naval Technology College, Surabaya*
38	2010	Studi Pangsa Pasar Perusahaan Jasa Kontruksi di Propinsi Kalimantan Timur

No.	Year	Title
		Study on the Market Share of Construction Service Companies in East Kalimantan Province
39	2010	Pelatihan Statisika Dasar untuk Jurusan Teknik Industri, Sekolah Tinggi Teknologi Angkatan Laut, Surabaya *Fundamental Statistics Training for Industrial Engineering Department, Naval Technology College, Surabaya*
40	2011	Pelatihan Metode Riset Pemasaran di PT. Behaestex *Marketing Research Method Training at PT. Behaestex*

E. Scientific Article Writing Experiences in Journals

No.	Scientific Article Subject	Journal Name	Vol/No/Year
1	Bayesian mixture model averaging for identifying the different gene expressions of chickpea (Cicer arietinum) plant tissue	Communications in Statistics - Theory and Methods	2017: Vol 46, Issue 21
2	Multivariate Weibull regression model	Far East Journal of Mathematical Sciences	2017: 101(9)
3	On the identification of the structural pattern of terms occurrence in a document using Bayesian Network	Journal of Theoretical and Applied Information Technology	2016
4	Parameter estimation of geographically weighted trivariate Weibull regression model	Applied Mathematical Sciences	2016
5	Blood sugar levels of diabetes mellitus patients modeling with Bayesian mixture model averaging	Global Journal of Pure and Applied Mathematics	2016
6	Identifying text document pattern for two terms appearances via latent semantic analysis (LSA) method and term distance between two documents	Journal of Theoretical and Applied Information Technology	2015
7	Occam's Window Selection in Bayesian Model Averaging Modeling for Gene Expression Data from Chickpea Plant	International Journal of Applied Mathematics and Statistics	2015: Vol. 53, Issue No. 4
8	Calibrating the Rainfall Forecast of the HyBMG Outputs Using Bayesian Model Averaging: A Case Study	International Journal of Applied Mathematics and Statistics	2015: Vol. 53, Issue No. 6
9	On Monitoring Shift in the Mean Process with Vector Autoregressive Residual Control Chart of Individual Observation	Applied Mathematical Sciences	2014: Vol. 8 no 70, 3491-3499
10	Combining long memory and nonlinear model outputs for inflation forecast	Journal of Mathematics and Statistics	2014: Vol 10, no 3: 281-292

11	Identification and Characterization of Extreme Rainfalls Distribution In Malang Residence	Journal of Mathematics and Statistics	2013: Volume 9, Issue 4
12	Bias Comparison on Memory Parameter of Skip Sampled Long Memory and Exponentially Smooth Transition Autoregressive Process	International Journal of Applied Mathematics and Statistics	2013: Volume 39, Issue Number: 9
13	Vehicle Routing Problem with Stochastic Demands dengan Metode Hibrid Simulated Annealing-Algoritma Genetika	Jurnal Statistika	2013: Vol 1, No 2
14	The Development Of Parameter Estimation On Hazard Rate of Trivariate Weibull Distribution	American Journal of Biostatistics	2012: Volume : 2, Issue : 2 Pages : 26-35
15	A Breeder Genetic Algorithm for Vehicle Routing Problem with Stochastic Demands	Journal of Applied Sciences Research	2009: 5(11): 1998-2005.
16	Adaptive Permutation-Based Genetic Algorithm for Solving VRP with Stochastic Demands.	Journal of Applied Sciences,	2008: 8(18): 3228-3234.
17	Solving the VRP with Stochastic Demands via Hybrid Genetic Algorithm - Tabu Search.	Journal of Mathematics and Statistics	2008: 4(3): 161-167

F. Oral Scientific Article Publication on Summit / Seminar Experiences

No.	Summit Name	Time and Place
1	International Seminar on Mathematics in Industry & International Conference on Theoretical and Applied Statistics (ISMI-ICTAS)	Kuala Lumpur, 2018
2	International Conference on Theoretical and Applied Statistics	Surabaya, 2016
3	The 6th Annual Basic Science International Conference	Malang, 2016
4	AustMS 2015 (59th Meeting of the Australian Mathematical Society), Flinders University	Australia, 2015
5	International Conference on Statistics and Mathematics	Surabaya, 2014
6	The 4th Annual Basic Science International Conference	Batu, 2014
7	International Conference on Mathematics, Statistics and Its Application 8	Bali, 2014
8	Third International Conference and Workshops on Basic and Applied Sciences (3rd ICOWOBAS)	Malang, 2011
9	International Seminar on The Current Research Progress in Sciences and Technology 2011	Indonesia, 2011
10	International Conference on Industrial and Applied Mathematics 2010	Bandung, 2010
11	International Conference On Mathematical Science/ ICMS	Turki, 2010
12	Konferensi Nasional Matematika ke-15 *The 15th National Mathematics Conference*	Manado, 2010
13	Seminar Nasional Statistika 9 *National Statistics Seminar 9*	Surabaya, 2009

G. Awards (From Goverment, association or other institutions)

No.	Award Type	Awarding Institution	Year
1	Youngest Graduates in FMIPA	Universitas Brawijaya	1999
2	Highest GPA Graduates in FMIPA	Universitas Brawijaya	1999

All the data I filled and listed in this biodata is true and can be accounted by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, 3 August 2021

(Irhamah, M.Si, Ph.D)

CURRICULUM VITAE

Jerry Dwi Trijoyo Purnomo, M.Si, Ph.D

NIP	19810223 200812 1 003	
Email	jerry[at]statistika.its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 ITS	Statistika
	S2 ITS	Statistiska
	S3 NCTU	Taiwan
Laboratorium	Statistika Lingkungan dan Kesehatan	
Bidang Keahlian	Biostatistik	
	Epidemiology	
	Clinical Trial	

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/jerry-d-t-purnomo/

A. Personal Identity

1	**Name**	**Jerry Dwi Trijoyo Purnomo, M.Si, Ph.D**
2	Sex	Male
3	Functional Position	Assistant Professor
4	Staff ID Number	198102232008121003
5	National Lecturer Identification Number	0023028103
6	Place and date of birth	Blitar, February 23, 1981
7	Email	jerry@statistika.its.ac.id
8	Phone Number	08121787686
9	Office Address	Department of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	(031)5943352 / Fax. (031)5922940
11	H- Scopus index	3
12	Authorship Indexing	**Google Scholar :** https://scholar.google.co.id/citations?user=fjwZ7-oAAAAJ&hl=id **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=57189383805
13	Subjects taught	Multivariate Analysis
		Nonparametric Regression
		Matrices
		Biostatistics
		Survival Analysis
		Experimental Design

B. Education Background

	Bachelor	Master	Doctorate
College Name	Institut Teknologi Sepuluh Nopember, Surabaya	Institut Teknologi Sepuluh Nopember, Surabaya	National Chiao Tung University
Field of Study	Statistics	Statistics	Statistics
Entry-Graduate Year	1999-2003	2003-2005	2012-2018

C. Research Experiences

No.	Year	Research Title	Source of funds
1	2020	Metode Hybrid Copula Untuk Memodelkan Spatial Extreme Value Pada Data Curah Hujan Ekstrim *Hybrid Copula Method for Modeling Spatial Extreme Value in Extreme Rainfall Data*	ITS
2	2019	Metode Hybrid Smoothing Untuk Memodelkan Survival Rate Dan Mengklasterkan Pasien Kanker Serviks *Hybrid Smoothing Method for Modeling Survival Rates and Clustering Cervical Cancer Patients*	ITS

D. Scientific Article Writing Experiences in Journals

No.	Scientific Article Subject	Journal Name	Vol/No/Year
1	Altered Plasma Acylcarnitine and amino acid profiles in type 2 diabetic kidney disease	Metabolomics	12/108/2016
2	Increase serum levels of betatrophin in pancreatic cancer-associated diabetes	Oncotarget	7/27/2016
3	Effect of a Modified Hospital Elder Life Program on Delirium and Length of Hospital Stay in Patients Undergoing Abdominal Surgery: A Cluster Randomized Clinical Trial	JAMA Surgery	52/9/2017
4	A Modified Model-Selection Criteria in a Generalised Estimating Equation for Latent Class Regression Models	Matematika	35/2/2019
5	Parameter estimation and hypothesis testing of multivariate poisson inverse gaussian regression	Symmetry	12/10/2020
6	Integrated risk to food safety and halal using a Bayesian Network model	Supply Chain Forum	21/4/2020
7	Moderate-Intensity Exercise and Musical Co-Treatment Decreased the Circulating Level of Betatrophin	International Journal of Endocrinology	2020/2020

E. Oral Scientific Article Publication on Summit / Seminar Experiences

No.	Scientific Article Subject	Time and Place
1	B-spline in the Cox Regression with Application to Cervical Cancer, published in the proceeding of the 5th International Conference of Soft Computing in Data (SCDS2019)	Japan, 2019
2	Parameter Interval Estimation of Semiparametric Spline Truncated Regression Model for Longitudinal Data	2019
3	Nonparametric regression curve estimation using mixed spline truncated and kernel estimator for longitudinal data	2019
4	The alteration of PGC-1α expression in younger non-professional athletes with acute medium intensity exercise model	2020
5	A Review of Panel Data on Spatial Econometrics Models	2020
6	Spatial extreme modeling using student t copula approach in Ngawi Regency	2020
7	Parameter Estimation of Multivariate Adaptive Regression Spline (MARS) with Stepwise Approach to Multi Drug-Resistant Tuberculosis (MDR-TB) Modeling in Lamongan Regency	2021
8	Multivariate adaptive regression spline (MARS) methods with application to multi drug-resistant tuberculosis (MDR-TB) Prevalence	2021

All the data I filled and listed in this biodata is true and can be accounted by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, 3 August 2021

(Jerry Dwi Trijoyo Purnomo, M.Si, Ph.D)

CURRICULUM VITAE

Prof. Dr.rer.pol. Heri Kuswanto, M.Si

NIP	19820326 200312 1 004	
Email	heri_k@statistika.its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 ITS	Statistika
	S2 ITS	Statistika
	S3 Leibniz Universität Hannover	Statistika
Laboratorium	Statistika Komputasi dan Sains Data	
Bidang Keahlian	Komputasi Statistika	
	Peramalan Deret Waktu	
	Ekonometrika	
	Extreme Weather and Climate	

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/heri-k/

A. Personal Identity

1	**Name**	**Prof. Dr.rer.pol. Heri Kuswanto, M.Si**
2	Sex	Male
3	Functional Position	Professor
4	Staff ID Number	19820326 200312 1 004
5	National Lecturer Identification Number	0026038206
6	Place and date of birth	March 26, 1982
7	Email	heri_k@statistika.its.ac.id , kuswanto.its@gmail.com
8	Phone Number	0818513223
9	Office Address	Department of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	(031)5943352 / Fax. (031)5922940
11	H- Scopus index	7
12	Authorship Indexing	**Google Scholar :** https://scholar.google.co.id/citations?user=gfbT3kIAAAAJ&hl=en **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=36117960200
13	Subjects taught	1. Bayesian Analysis
		2. Data Analysis
		3. Statistical Computation
		4. Econometrics
		5. Regression Analysis

B. Education Background

	Bachelor	Master	Doctorate
College Name	Institut Teknologi Sepuluh Nopember, Surabaya	Institut Teknologi Sepuluh Nopember, Surabaya	Leibniz Hannover University, Germany
Field of Study	Statistics	Statistics	Statistics
Graduate Year	2003	2005	2009

C. Research Experiences

No.	Year	Research Title	Source of funds
1	2019-2020	Understanding the Impact of Solar Geoengineering on Extreme Temperatures and Precipitation Changes Over Tropical Regions: Case Study of Indonesia	The World Academy Of Science (TWAS) and UNESCO
2	2017-2019	Development Drought Monitoring and Forecasting System based on calibrated North America Multi-Model Ensemble (NMME) to anticipate extreme drought induced by climate variability and climate change	Ministry of Research and Higher Education Indonesia
3	2017-2019	Strengthening Resilience to Extreme Weather Related Events in Indonesia through improving the predictability of drought risk within Drought Cycle Management Model	NSF USA
4	2017	Economic Analysis of climate change impact to productivity of agriculture in Indonesia to anticipate food security using panel econometrics model. National Strategic Research Project	Ministry of Research and Technology Indonesia
5	2016	Development of high resolution composite maps as a forecasting tool to predict extreme weather in Indonesia	ITSF Indonesia-Toray Foundation Japan
6	2016-2018	Development of Ensemble Based Model For Classification And Variable Selection On High Dimensional Data	Ministry of Research. Technology, and Higher Education Indonesia
7	2015-2017	Development of High Resolution Composite Maps to Predict Extreme Rainfall in Indonesia	Ministry of Research. Technology, and Higher Education Indonesia
8	2013-2015	Exploring the dynamic of extreme weather events in Indonesia using large scale meteorological pattern as the forecast guidance (pilot study: Indramayu, West Java).	PEER Research Grant NSF-USAID
9	2012-2014	Development of a test for detecting spurious long memory model (collaboration research with Prof. Philipp Sibbertsen)	Ministry of Higher Education Indonesia
10	2013-2014	Forecasting the electricity load using double seasonal model	Ministry of Higher Education Indonesia
11	2013-2014	Development of ensemble prediction system based on HYBRID-BMG (HyBMG) as early warning system to climate change.	Outstanding research Scheme ITS
12	2013	Forecasting short term electricity demand using Double Seasonal Holt Winter method and Double seasonal ARFIMA.	Research Collaboration and International Publication ITS

No.	Year	Research Title	Source of funds
13	2012	Bayesian Model Averaging with Markov Chain Monte Carlo for wind speed forecast	ITS Research Grant
14	2011	Development of artificial ensemble calibration model to forecast wind speed using Bayesian Model Averaging	Productive Research Scheme-ITS
15	2012	Analysis on the impact of climate change and socio economic condition to the Dengue incidence in East Java using semiparametric panel regression	Outstanding research Scheme ITS
16	2011	Development and calibration of weather ensemble forecasts by time series model based as an alternative of numerical weather prediction's ensemble	Indonesia Toray Science Foundation Japan (ITSF)

D. Scientific Article Writing Experiences in Journals

No.	Scientific Article Subject	Journal Name	Year
1	Impact of Solar Geoengineering o Temperatures in Maritime Continent	Submitted to International Journal of Climatology	2020
2	Nonstationary generalized Additive Model - Based Modelling of Extreme Precipitation Indices in East Nusa Tenggara, Indonesia	Journal of Advance Research in Dynamics and Control Systems (12), 132-138	2020
3	Bias correction and statistical downscaling of earth system models using quantile delta mapping (QDM) and bias correction constructed analogues with quantile mapping reordering	Journal of Physics: Conference Series, 1538 (1)	2020
4	Climate projection using quantile matching bootstrap: A case of temperature and precipitation in Komodo Island, East Nusa Tenggara	AIP Conference Proceeding, 2194 (020041)	2019
5	The comparison of Bayesian model averaging with gaussian and gamma components for probabilistic precipitation forecasting	AIP Conference Proceeding, 2192(1)	2019
6	Perception of Weather and Seasonal Drought Forecasts and Its Impact on Livelihood in East Nusa Tenggara, Indonesia	Heliyon 5(8)	2019
7	Clustering of precipitation variability in Indonesia using TRMM satelite data	Engineering, Technology & Applied Science Research 9 (4), 4484-4489	2019
8	Statistical Downscaling to Predict Drought Events Using High Resolution Satelite Based Geopotential Data	AIP Proceeding	2019
9	Rainfall Forecast with Best and Full Members of North American Multimodel Ensembles	Matematika	2019
10	Evaluation of performance of drought prediction in Indonesia based on TRMM and MERRA-2 using machine learning methods	MethodsX 6, 1238-1251	2019
11	Survey data of household perceptions of drought, mitigation and adaptation practices in East Nusa Tenggara, Indonesia	Data in Brief 24, 103944	2019

No.	Scientific Article Subject	Journal Name	Year
12	Probabilistic Precipitation Forecast in (Indonesia) Using NMME Models: Case Study on Dry Climate Region	Advances in Sustainable and Environmental Hydrology, Hydrogeology, Hydrochemistry and Water Resources Springer	2019
13	Seasonal Forecast Skill of the NMME over Tropical Regions: Case Study of Indonesia	AGU Fall Meeting Abstracts 2018	2018
14	Drought Risk Mapping in East Nusa Tenggara Indonesia Based on Return Periods	Asian Journal of Scientific Research, 11(4)	2018
15	On The Impact of Climate Change to Agricultural Productivity in East Java	Journal of Physics: Conference Series, 979 (1)	2018
16	Multi Model Calibration of Rainfall Forecasts in East Nusa Tenggara Using Ensemble Model Output Statistics	Journal of Physics: Conference Series 1028 (1), 012231	2018
17	Seasonal Forecast Skill of the NMME over Tropical Regions: Case of Indonesian Climate	Geophysical Research Abstract, EGU General Assembly 2018	2018
18	Bootstrap resampling to detect active zone for extreme rainfall in Indonesia	Journal of Physics: Conference Series, 893(1)	2017
19	Combining the Bayesian Processor of Output with Bayesian Model Averaging for reliable ensemble forecasting	Journal of Royal Statistical Society C: Applied Statistics, Vol 64 (1), 75-92	2015
20	Calibrating the Rainfall Forecast of the HyBMG Outputs Using Bayesian Model Averaging: A Case Study	International Journal of Applied Mathematics and Statistics, vol 53(6)	2015
21	Identification of extreme events in climate data from multiple sites	Procedia Engineering, Vol 125:304-310, Elsevier Publication	2015
22	Forecasting Electricity Demands in Java-Bali Region using Flexible Forecasting Approach	International Journal of Applied Mathematics and Statistics, 53 (5), 77-85	2015
23	Large scale meteorological pattern of extreme rainfall in Indonesia	Geophysical Research Abstract Vol 16, EGU2014-1338, 2014, EGU General Assembly 2014	2014
24	Bayesian Model Averaging with markov chain monte carlo for calibrating temperature forecast from combination of time series models	Journal of Mathematics and Statistics, 9 (4): 349-356	2013
25	Gaussian copula marginal regression for modeling extreme data with application	Journal of Mathematics and Statistics, 10 (2): 192-200	2014
26	Prediction of Hourly Rainfall using Bayesian Neural Network with Adjusting Procedure	The Third Basic Science International Conference proceeding	2013
27	On the influence of climate and socio-economic condition to the Dengue incidences: a semiparametric regression panel approach	American Journal of Environmental Science, 8 (6)	2012
28	Ensemble method based on ARIMA-FFNN for climate forecasting	IEEE Proceeding of Int Conf on Statistics in Science, Business, and Engineering	2012

No.	Scientific Article Subject	Journal Name	Year
29	Ensemble method based on ANFIS_ARIMA for rainfall prediction	IEEE Proceeding of Int Conf on Statistics in Science, Business, and Engineering	2012
30	Identification of dependence structure using copula (application to climatological data)	Cauchy 1 (2), 78-84	2010
31	Logistic Regression Ensemble (LORENS) Applied to Drug Discovery	MATEMATIKA: Malaysian Journal of Industrial and Applied Mathematics 36 (1)	2020
32	Binomial regression models with a flexible generalized logit link function	Symmetry 12 (2), 221	2020
33	Modelling the change of white blood cell on colorectal cancer treatment using probit regression	Electronic Journal of Applied Statistical Analysis 13 (1), 75-85	2020
34	Robust adaptive multivariate Hotelling's T2 control chart based on kernel density estimation for intrusion detection system	Expert Systems with Applications, 145	2020
35	Comparison of Feature Selection Methods to Classify Inhibitors in DUD-E Database	Proceedia Computer Science 144, 194-202	2018
36	Deep Neural Network for Forecasting Inflow and Outflow in Indonesia	Sains Malaysiana 48 (8), 1787-1798	2019
37	Ensemble Based Machine Learning for Optimizing Toxicity in Cancer Drug Discovery	ICIC Express Letters 13(8)	2019
38	Classification Using Naive Bayes to Predict Radiation Protection in Cancer Drug Discovery: a Case of Mixture Based Grouped Data	International Journal of Artificial Intelligence, 17(1), 186-203	2019
39	Outlier detection using PCA mix based T2 control chart for continuous and categorical data	Communications in Statistics-Simulation and Computation, 1-28	2019
40	Logistic regression ensemble to classify Alzheimer gene expression	Proceeding of International Conference on Smart Cities, Automation & Intelligent Computing Systems (ICON-SONICS) 2017 IEEExplore	2018
41	Enzyme Classification on DUD-E Database Using Logistic Regression Ensemble (Lorens)	Innovative Computing, Optimization and Its Applications, 93-109, Springer	2018
42	Comparison between selective sampling and random undersampling for classification of customer defection using support vector machine	Journal of Computer Science, 13 (8)	2017
43	Classification of Alzheimer Related Genes Using LORENS with Important and Significant Features	Internetworking Indonesia Journal, 10(1)	2018
44	On The Markov Chain Monte Carlo Convergence Diagnostic of Bayesian Finite Mixture Model for Income Distribution	Journal of Physics: Conference Series 1090 (1), 012014	2018
45	Hybrid SSA-TSR-ARIMA for water demand forecasting	International Journal of Advances in Intelligent Informatics 4 (3), 238-250	2018

No.	Scientific Article Subject	Journal Name	Year
46	Bayesian mixture model averaging for identifying the different gene expressions of chickpea (Cicer-arietinum) plant tissue	Communications in Statistics - Theory and Methods, 46(21), 10564-10581	2017
47	Random Forest Classification and Support Vector Machine for Detecting Epilepsy using Electroencephalograph Records	American Journal of Application Science, 13 (8)	2017
48	An Algorithm for Determining the Number of Mixture Components on the Bayesian Mixture Model Averaging for Microarray Data	Journal of Mathematics and Statistics 11 (2), 45	2015
49	Occam's Window Selection in Bayesian Model Averaging Modeling for Gene Expression Data from Chickpea Plant	International Journal of Applied Mathematics and Statistics 53 (4), 166-173	2015
50	Logistic Regression Ensemble for Predicting Customer Defection with Very Large Sample Size	Procedia Comp. Science, 72	2015
51	Model Components Selection in Bayesian Model Averaging Using Occam's Window for Microarray Data	Journal of Natural A 1(2)	2014
52	, A new test against spurious long memory using temporal aggregation	Journal of Statistical Computation and Simulation, 81(10)	2011
53	Determinants of safe delivery utilization among Indonesian women in eastern part of Indonesia	F1000Research 9 (332)	2020
54	Association between Women’s Empowerment and Diarrhea in Children Under Two Years in Indonesia	Children and Youth Services Review	2020
55	Survey data on students’ online shopping behaviour: A focus on selected university students Indonesia	Data in Brief 105073	2020
56	Analysis of students’ online shopping behaviour using a partial least squares approach: Case study of Indonesian students	Cogent Business & Management 6 (1) 1699283	2019
57	Determinants of facility-based childbirth in Indonesia	The Scientific World Journal	2019
58	Multivariate control chart based on PCA mix for variable and attribute quality characteristics	Production & Manufacturing Research 6(1)	2018
59	Comparison between VAR, GSTAR, FFNN-VAR and FFNN-GSTAR Models for Forecasting Oil Production	MATEMATIKA 34 (1), 103-111	2018
60	Intrusion Detection System Using Multivariate Control Chart Hotelling's T2 Based on PCA	International Journal on Advanced Science, Engineering and Information 8(5)	2018
61	Estimation of the Percolation Threshold for D2D Networks on Urban Road Models	Proceeding of the 10th International Conference on Information Technology and Electrical Engineering 8(5), 1905-1911	2018
62	An Approach to Measure Financial Risk Relative Indices: A Case Study of Indonesian Insurance	159-173, Springer International Publishing	2017

No.	Scientific Article Subject	Journal Name	Year
	Companies, Risk Management, Strategic Thinking and Leadership in the Financial Services Industry		
63	Population Analysis of Disabled Children by Departments in France	Journal of Physics: Conference Series 855(1)	2017
64	Blood Sugar Levels of Diabetes Mellitus Patients Modeling with Bayesian Mixture Model Averaging	Global Journal of Pure and Applied Mathematics 12 (4), 3143-3158	2016
65	Assessment on the islamic banking market share projection by bank indonesia and proposed methods	Journal of Islamic Monetary Economics and Finance1 (1), 107-133	2016
66	Combining long memory and nonlinear model outputs for inflation forecast	Journal of Mathematics and Statistics, 10(3), 281-292	2014
67	Forecasting the frequency of domestic air passangers at Juanda Airport using ARIMA and transfer function as a basis for future development of airport scenario	Jurnal Tata Kota dan Daerah Vol 6(1), 21-26	2014
68	Simulation study to construct the prediction interval for double seasonal Holt-Winter	International Journal of Applied Mathematics and Statistics, 10(3)	2014
69	Combining long memory and nonlinear model outputs for inflation forecast	Journal of Mathematics and Statistics, 10(3)	2014
70	Bias Comparison on memory parameter of skip sampled long memory and exponentially smooth transition autoregressive process	International Journal of Applied Mathematics and Statistics, 39 (9), 54-61	2013
71	Are we alive when Islamic banks dominate?case study in Indonesia	Jurnal Manajemen: Teori dan terapan Vol 5(3)	2012
72	Power properties of long memory and nonlinear tests: a simulation study	Communication in Computer and Information Science, Springer Series Part II	2011
73	Initial test and optimum model: a problem of misleading results in real exchange rate modeling	Journal of Applied Research Science, 6(4), 291-298	2010
74	Regime switching long memory model for German stock returns	European Journal of Economics, Finance and Adm, Sciences, Issue 15, 7-17	2009
75	A study on spurious long memory in nonlinear time series models	Applied Mathematical Science, 2(55),2713-2734	2008
76	Changing Persistence of Indonesia's Real Exchange Rates: Evidence from Pre and Post-Crisis	The Empirical Economics Letters, 8(1),27-34	2009

E. Awards (From Government, association or other institutions)

No.	Award Type	Awarding Institution	Year
1	Harvard Residency Program on Solar Geoengineering	Harvard University **USA**	2019
2	Award for representative of the Indonesian Young Scientist Association (Early Career Researcher) on Science	Australia	2018
3	Award for Erasmus + staff exchange at Cardiff Metropolitan University	UK	2016

No.	Award Type	Awarding Institution	Year
4	Grant for attending IFS-SEARCA Workshop on Collaborative Research	Phillipine	2016
5	Listed as 15 Best Lecturers (Academic Staff) in Indonesia	Ministry of Higher Education	2013
6	The 1st Prize as Best Lecturer (Academic Staff)	Institut Teknologi Sepuluh Nopember	2013

All the data I filled and listed in this biodata is true and can be accounted by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, 3 August 2021

(Prof. Dr.rer.pol. Heri Kuswanto, M.Si)

CURRICULUM VITAE

Dr.rer.pol. Dedy D Prastyo, M.Si

NIP	19831204 200812 1 002	
Email	dedy-dp@statistika.its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 ITS	Statistika
	S2 ITS	Statistika
	S3 HUB, Germany	Statistika
Laboratorium	Analitika Data. Ekonomi, dan Finansial	
Bidang Keahlian	Machine Learning	
	Komputasi Statistika	
	Ekonometrika Finansial	
	Analisis Multivariate	

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/dedy-d-p/

A. Personal Identity

1	**Name**	**Dr.rer.pol. Dedy Dwi Prastyo, M.Si**
2	Sex	Male
3	Functional Position	Assistant Professor
4	Staff ID Number	19831204 200812 1 002
5	National Lecturer Identification Number	004128302
6	Place and date of birth	April 12, 1983
7	Email	dedy-dp@statistika.its.ac.id / dedy.d.prastyo@gmail.com
8	Phone Number	082225592838
9	Office Address	Department of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	(031)5943352 / Fax. (031)5922940
11	H- Scopus index	8
12	Authorship Indexing	**Google Scholar :** https://scholar.google.co.id/citations?user=AWNTSFoAAAAJ&hl=en **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=56866220100
13	Subjects taught	1. Statistics Analysis
		2. Multivariate Analysis
		3. Financial Statistics
		4. Advance Econometrics
		5. Bayesian Analysis
		6. Computational Statistics

B. Education Background

	Bachelor	Master	Doctorate
College Name	Institut Teknologi Sepuluh Nopember, Surabaya	Institut Teknologi Sepuluh Nopember, Surabaya	Humboldt-Universität zu Berlin, Berlin, Germany
Field of Study	Statistics	Statistics	Statistics
Entry-Graduate Year	2002 - 2006	2006 - 2008	2011-2015

C. Research Experiences (last three years)

No.	Year	Research Title	Source of funds
1	2021	Pengembangan Metode Identifikasi Feature Selection Pada Machine Learning Untuk Meningkatkan Kualitas Prediksi Pada Kasus Klasifikasi Dan Regresi *Development of Feature Selection Identification Method in Machine Learning to Improve Prediction Quality in Classification and Regression Cases*	Fundamental Research - Ministry of Research, Technology, and Higher Education
2	2020-now	Pengembangan Metode Extreme Value Theory untuk Pemodelan dan Prediksi Risiko pada Extreme Imbalance Data dalam Pengembangan Rating System *Development of Extreme Value Theory Method for Risk Modeling and Prediction on Extreme Balance Data in Rating System Development*	Fundamental Research - Ministry of Research, Technology, and Higher Education
3	2020	Penguatan riset dan publikasi jurnal internasional bereputasi bidang analitika data di ITS melalui program WCP *Enhancement of Research and Publication of Reputable International Journals in the Field of Data Analytics at ITS through the WCP Program*	WCP in scheme B, Ministry of Research, Technology, and Higher Education
4	2017-2019	Pengembangan model intensitas diskrit dan kontinyu untuk peramalan multi periode pada data survival berdimensi tinggi *Development of Discrete and Continuous Intensity Models for Multi-Period Forecasting on High-Dimensional Survival Data*	Fundamental Research - Ministry of Research, Technology, and Higher Education
5	2019	Pengembangan Deep Learning dengan pembelajaran Support Vector Machines untuk Klasifikasi data *Deep Learning Development with Support Vector Machines learning for data classification*	Master Thesis Research – Ministry of Research, Technology, and Higher Education
6	2019	Pengembangan model peramalan dengan kombinasi pembelajaran Deep Learning dan Support Vector Regression *Development of Forecasting Models Using Combination of Deep Learning and Support Vector Regression*	Master Thesis Research – Ministry of Research, Technology, and Higher Education
7	2018	Improving Research Capacity on Statistics and Data Science in ITS Through World Class Professor Program	WCP in Institut Teknologi Sepuluh Nopember

D. Scientific Article Writing Experiences in Journals (last three years)

No.	Scientific Article Subject	Journal Name	Vol/No/Year
1	PCA-based Hotelling's T^2 chart with fast minimum covariance determinant (FMCD) estimator and kernel density estimation (KDE) for network intrusion detection	Computers and Industrial Engineering	2021, 158, 107447, https://doi.org/10.1016/j.cie.2021.107447
2	The effectiveness of Max-half-Mchart over Max-Mchart in simultaneously monitoring process mean and variability of individual observations	Quality and Reliability Engineering International	2021, DOI: 10.1002/qre.2860
3	Mixed Spline Smoothing and Kernel Estimator in Biresponse Nonparametric Regression	International Journal of Mathematics and Mathematical Sciences	2021, 6611084, DOI: 10.1155/2021/6611084
4	Parameter estimation and hypothesis testing of multivariate poisson inverse gaussian regression	Symmetry	2020, 12(10), pp. 1–16, 1738, DOI: 10.3390/sym12101738
5	Multivariate gamma regression: Parameter estimation, hypothesis testing, and its application	Symmetry	2020, 12(5), 813, DOI: 10.3390/SYM12050813
6	Robust adaptive multivariate Hotelling's T^2 control chart based on kernel density estimation for intrusion detection system	Expert Systems with Applications	2020, 145, 113105, DOI: 10.1016/j.eswa.2019.113105
7	VAR and GSTAR-based feature selection in support vector regression for multivariate spatio-temporal forecasting	Communications in Computer and Information Science	2019, 937, pp. 46–57, DOI: 10.1007/978-981-13-3441-2_4

E. Oral Scientific Article Publication on Summit / Seminar Experiences

No.	Summit Name	Scientific Article Subject	Time and Place
1	Konferensi Nasional Matematika XX	Peranan Statistical Machine Learning dan Data Science pada Era Big Data dan Revolusi Industri 4.0 *The Role of Statistical Machine Learning and Data Science in the Era of Big Data and the Industrial Revolution 4.0*	July 6, 2021, held by Universitas Pattimura, Indonesia.
2	Capacity Building Badan Pusat Statistik (BPS RI)	Implementasi Machine Learning dalam Peramalan *Implementation of Machine Learning in Forecasting*	May 11, 2021 held by Direktorat Analisis dan Pengembangan Statistik BPS RI
3	Seminar Online Seri 1	Classification of Imbalanced Data using Extreme Value Approach	April 27, 2021 held by Universitas Mulawarman, Indonesia.
4	Online International Seminar Series WCP	Classification of Imbalanced Data using Extreme Value Approach	December 9, 2020 held by Institut Teknologi

No.	Summit Name	Scientific Article Subject	Time and Place
			Sepuluh Nopember, Indonesia
5	The 1st International Conference in Education, Science, and Technology (EDUSAINSTECH)	Feedback Assessment: Artificial Intelligence and Bid Data for Education	December 1, 2020, held by Universitas Muhammadiyah Semarang, Indonesia
6	Seminar Online dengan Tema "Pandemi dalam Perspektif Pemodelan dan Prediksi"	Eksplorasi dan Analitika Data untuk Pemodelan dan Prediksi terkait COVID-19 *Data Exploration and Analytics for Modeling and Prediction related to COVID-19*	Oktober 27, 2020, held by ITERA, Indonesia
7	Seminar Nasional Online dengan Tema "Implementasi Big Data dan Pemodelan Statistika di Masa Pandemi Covid 19"	Peran Penting Statistika Menghadapi Tantangan Big Data di Masa Depan *The Important Role of Statistics in Facing Big Data Challenges in the Future*	Agustus 15, 2020, held by, Universitas Muhammadiyah Semarang, Indonesia.
8	Seminar Nasional Online (SNO) dengan Tema "COVID 19 Dalam Perspektif Sains"	Pemodelan, Analitika Data, dan Tantangannya untuk Penanganan COVID-19 dan Dampaknya *Modeling, Data Analytics, and its Challenges for Handling COVID-19 and its Impacts*	Agustus 12, 2020 held by Universitas Padjadjaran, Indonesia
9	ALVARA Data Analytic Webinar Series	Prescriptive Analytics: Data-based Decision Making Process	Juli 9, 2020, held by Alvara Research Center, Indonesia
10	Airlangga Webinar Conference Series dengan Tema "Statistical Analysis for Preventive Measures in Pandemic Era"	Data Analysis for Management Strategies in Pandemic Era	Juli 3, 2020 held by Universitas Airlangga, Indonesia.
11	Webinar Klaster Teknologi Informasi dan Komunikasi	Analisis Data untuk Pendukung Keputusan: Studi Kasus COVID-19 *Data Analysis for Decision Support: A Case Study of COVID-19*	Juni 25, 2020, held by Asosiasi Professor Indonesia (API)
12	IAIS Chapter Jawa Timur & ELECTICS ITS Webinar Series dengan Tema "Potensi Artificial Intelligence dalam Merespon Pandemik COVID-19 di Jawa Timur"	Jawa Timur dalam Angka dan Fakta COVID-19: Eksplorasi Data untuk Mendapatkan Insight *East Java in COVID-19 Counts and Facts: Data Exploration to Gain an Insight*	Juni 7, 2020 held by Institut Teknologi Sepuluh Nopember, Indonesia
13	Webinar dengan Tema "Pembelajaran Matematika Aktif di Masa Pandemi Covid-19"	Tantangan dan Strategi Praktis Mengajar Matematika Secara Online *Practical Challenges and Strategies for Online Mathematics Teaching*	Juni 4, 2020, held by, Universitas Islam Negeri Walisongo, Semarang, Indonesia

No.	Summit Name	Scientific Article Subject	Time and Place
14	Seminar Nasional Matematika dan Pembelajarannya	Adaptasi pada Era Big Data dalam Menghadapi Tantangan Revolusi Industri 4.0 *Adaptation to the Big Data Era in Facing the Challenges of the Industrial Revolution 4.0*	November 23, 2019, Universitas Negeri Malang, Malang, Indonesia
15	Seminar Matematika dan Statistika serta Aplikasinya (Nasional)	Penerapan Machine Learning pada Data Mining untuk Pendukung Pengambilan Keputusan *Application of Machine Learning in Data Mining for Decision Support*	November 16, 2019, Universitas Islam Negeri Alauddin, Makassar, Indonesia
16	International Seminar on Mathematics in Industry - International Conference on Theoretical and Applied Statistics (ISMI-ICTAS)	Micro and Macro Determinants of Delisting and Liquidity in Indonesian Stock Market: A Time Dependent Covariate of Survival Cox Model Approach	September 4-6, 2018, Universiti Teknologi Malaysia, Kuala Lumpur, Malaysia
17	Konferensi Nasional Matematika XIX (KNM XIX)	Pengembangan Pendekatan Klasik dan Machine Learning untuk Analisis Data Survival serta Aplikasinya pada Data Finansial *Development of Classical Approaches and Machine Learning for Survival Data Analysis and Its Application to Financial Data*	July 24-26, 2018, Universitas Brawijaya, Indonesia
18	International Conference on Actuarial Science and Statistics (ICASS)	On the Corporate Default Probability: from Single-period to Multi-period Prediction	December 5-6, 2016, Institut Teknologi Bandung, Indonesia.

F. Book Writing Experiences

No.	Book Subject	Year	Number of Pages	Publisher
1	**Prastyo, D.D.**, Khoiri, H.A., Purnami, S.W., Suhartono, Fam, S.F., Suhermi, N. (Jan 2020), Survival Support Vector Machines: A Simulation Study and Its Health-Related Application, in Berry, M.W., Mohamed, A., and Yap, B.W. (Eds.), *Supervised and Unsupervised Learning for Data Science, pp. 85-100*, Springer. Online ISBN. 978-3030-22475-2. https://link.springer.com/chapter/10.1007/978-3-030-22475-2_5			
2	Suhartono, Prabowo, H., **Prastyo, D.D.**, and Lee, M.H. (2019), New Hybrid Statistical Method and Machine Learning for PM_{10} Prediction, *Communications in Computer and Information Science, 1100, pp. 142-155*, Springer. Online ISBN. 978-981-15-0399-3. https://doi.org/10.1007/978-981-15-0399-3			

No.	Book Subject	Year	Number of Pages	Publisher
3	**Prastyo, D.D.**, Khoiri, H.A., Purnami, S.W., Suhartono, and Fam, S.F. (2019), Simulation Study of Feature Selection on Survival Least Square Support Vector Machines with Application to Health Data, *Communications in Computer and Information Science, 937, pp. 34-45*, Springer. Online ISBN. 978-981-13-3441-2. https://doi.org/10.1007/978-981-13-3441-2_3			
4	**Prastyo, D.D.**, Nabila, F.S., Suhartono, Lee, M.H., Suhermi, N., and Fam, S.F. (2019), VAR and GSTAR-based Feature Selection in Support Vector Regression for MultivariateSpatio-Temporal Forecasting, *Communications in Computer and Information Science, 937, pp. 46-57*, Springer. Online ISBN. 978-981-13-3441-2. https://doi.org/10.1007/978-981-13-3441-2_4			
5	Suhartono, Saputri, P.D., Amalia, F.F., **Prastyo, D.D.**, and Ulama, B.S.S. (2017), Model Selection in Feedforward Neural Networks for Forecasting Inflow and Outflow in Indonesia, *Communications in Computer and Information Science, 788, pp. 95-105*, Springer. Online ISBN. 978-981-10-7242-0. https://doi.org/10.1007/978-981-10-7242-0_8			
6	Härdle, W., **Prastyo, D.D.**, and Hafner, C. (2014), Support Vector Machine with Evolutionary Model Selection for Default Prediction, in Ullah, A., Racine, J., and Su, L. (Eds.), *The Oxford Handbook of Applied Nonparametric and Semiparametric Econometrics and Statistics*, Oxford University Press, New York. ISBN. 978-0-19-985794-4. https://www.oxfordhandbooks.com/view/10.1093/oxfordhb/9780199857944.001.0001/oxfordhb-9780199857944-e-011			
7	Härdle, W. and **Prastyo, D.D.** (2014), Embedded Predictor Selection for Default Risk Calculation: A South East Asian Industry Study, in Chuen, D.L.K. and Gregoriou, N. (Eds.), *Handbook of Asian Finance, Vol 1, Financial Market and Sovereign Wealth Funds*, Academic Press, San Diego. ISBN. 978-12-800982-6. https://doi.org/10.1016/B978-0-12-800982-6.00007-X			

G. Training Experiences

No.	Training Subject	Date and Place	Organizer
1	Workshop Text Data Mining & Natural Languange Processing (Batch 4)	April 1-3, 2019	Universitas Ahmad Dahlan, Yogyakarta
2	Actuarial Science Applied Research Workshop - part III. *Loss Modelling*	2019, February 21-22, 2019., , Hotel Santika-Malang.	Risk Management, Economic Sustainability, and Actuarial Science Development in Indonesia (READI)
3	Workshop Machine Learning & Data Mining (Batch 3)	August 4-6, 2017	Universitas Ahmad Dahlan, Yogyakarta
4	Actuarial Short Course - part I. *Theory of Interest for Actuarial Science*	May 30 –June 3, 2016	UGM-Yogyakarta.

No.	Training Subject	Date and Place	Organizer
5	English as Medium of Instruction (EMI)	August 18-22, 2015	Institut Teknologi Sepuluh Nopember, Surabaya

H. Awards (From Government, association or other institutions)

No.	Award Type	Awarding Institution	Year
1	*Best Paper Award*	*The Fourth International Conference on Soft Computing in Data Science (SCDS 2018)*,	Chulalongkorn University, Bangkok, Thailand from 15-16 August 2018

All the data I filled and listed in this biodata is true and can be accounted by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, 3 August 2021

(Dr.rer.pol. Dedy Dwi Prastyo, M.Si)

CURRICULUM VITAE

Dr. Achmad Choiruddin, S.Si, M.Sc

NPP	1991201911101	
Email	choiruddin@its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 ITS	Statistika
	S2 ITS & Universite D'AIX-MARSEILLE	Statistika
	S3 Universitie Grenoble Alpes	Applied Mathematics
Laboratorium	Statistika Lingkungan dan Kesehatan	
Bidang Keahlian	Spatial Statistics	
	Computational Statistics	
	High Dimensional Regression	

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/dr-achmad-choiruddin/

A. Personal Identity

1	**Name**	**Dr. Achmad Choiruddin, S.Si, M.Sc**
2	Sex	Male
3	Functional Position	
4	Staff ID Number	1991201911101
5	National Lecturer Identification Number	0010129102
6	Place and date of birth	Sidoarjo, 10 Desember 1991
7	Email	choiruddin@its.ac.id
8	Phone Number	0881026048885
9	Office Address	Department of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	
11	H- Scopus index	**2**
12	Authorship Indexing	**Google Scholar :** https://scholar.google.com/citations?hl=id&user=mnSYXLIAAAAJ **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=57201498282
13	Subjects taught	

B. Education Background

	Bachelor	Master	Doctorate
College Name	ITS	Aix- Marseille University, France	Grenoble-Alpes University, France
Field of Study	Statistics	Applied Mathematics	Statistics
Entry-Graduate Year	2009-2013	2011-2013	2014-2017

C. Research Experiences

No.	Year	Research Title	Source of funds
1	2017 - 2019	Sparse Models for Multivariate Point Processes, as a part of big project entitled ”Statistics for point processes in space and beyond”	The Danish Council for Independent Research | Natural Sciences, grant DFF - 7014-00074.
2	2020	Pengembangan Model *Inhomogeneous Spatial Cox Processes* untuk Pemetaan Risiko Gempabumi di Sumatra *Development of Inhomogeneous Spatial Cox Processes Model for Earthquake Risk Mapping in Sumatra*	Research Fund ITS New Doctoral Scheme

D. Social Service Experiences

No.	Year	Title

E. Scientific Article Writing Experiences in Journals

No.	Scientific Article Subject	Journal Name	Vol/No/Year
1	Convex and non-convex regularization methods for spatial point processes intensity estimation.	*Electronic Journal of Statistics* (**Q1 Journal**)	Vol 12 No 1, 2018
2	Regularized estimation for highly multivariate log Gaussian Cox processes.	*Statistics and Computing* (**Q1 Journal**)	Vol 30 No. 2, 2020
3	On the Earthquake Modeling by Using Bayesian Mixture Poisson Process	*International Journal of Advanced Science and Technology (*Q4 Journal*)*	Vol 29 No 7s, 2020
4	Quantifying effect of geological factor on distribution of earthquake epicenters by inhomogeneous Cox processes	*Pure and Applied Geophysics* (Q2 Journal)	TBA, 2021

No.	Scientific Article Subject	Journal Name	Vol/No/Year
5	Information Criteria for Inhomogeneous Spatial Point Processes	*Australian and New Zealand Journal of Statistics* (Q2 Journal)	*TBA, 2021*

F. Oral Scientific Article Publication on Summit / Seminar Experiences

No.	Summit Name	Scientific Article Subject	Time and Place
1.	Spatial Statistics and Image Analysis in Biology 11 (SSIAB 11)	Convex and non-convex regularization methods for intensity estimation of inhomogeneous spatial point processes	2016, Rennes (France)
2.	19th Workshop on Stochastic Geometry, Stereology and Image Analysis (SGSIA)	Regularized Poisson and logistic regression methods for spatial point processes intensity estimation with a diverging number of covariates	2017, Luminy (France)
3.	15th CSGB Workshop	Feature Selection Techniques for Spatial Point Processes Intensity Estimation by Means of LASSO Methods	2017, Aarhus (Denmark)
4	Spatial Statistics and Image Analysis in Biology 12 (SSIAB 12)	Sparse Models for Multivariate log-Gaussian Cox processes	2018, Aalborg (Denmark)
5	International Statistical Ecology Conference 2018(ISEC 2018)	Sparse Models for Multivariate log-Gaussian Cox processes	2018, Saint-Andrew (UK)
6	9th Smögen Workshop	Sparse Models for Multivariate log-Gaussian Cox processes	2018, Smogen (Sweden)
7	15th International Congress for Stereology and Image Analysis(ICSIA)	Regularized Estimation for highly Multivariate log-Gaussian Cox processes	2019, Aarhus (Denmark)
8	The workshop `Point processes in space, time and beyond'	Regularized Estimation for highly Multivariate log-Gaussian Cox processes	2019, Skagen (Denmark)

G. Book Writing Experiences

No.	Book Subject	Year	Number of Pages	Publisher

H. Training Experiences

No.	Training Subject	Date and Place	Organizer

I. Awards (From Government, association or other institutions)

No.	Award Type	Awarding Institution	Year
1	Mahar Schuzenberger Prize	AFIDES France	2017
2	National Best Young Researcher	RK Awards	2017

All the data I filled and listed in this biodata is true and can be accounted for by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, 3 August 2021

(Dr. Achmad Choiruddin, S.Si, M.Sc)

CURRICULUM VITAE

Dr. Muhammad Ahsan, S.Si.

NPP	1990202011001	
Email	muh.ahsan@its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1	Matematika
	S3 ITS	Statistika
Laboratorium	Statistika Bisnis dan Industri	
Bidang Keahlian	Statistical Process Control	
	Computational Statistics	

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/dr-muhammad-ahsan/

A. Personal Identity

1	**Name**	**Dr. Muhammad Ahsan, S.Si.**
2	Sex	Male
3	Functional Position	
4	Staff ID Number	1990202011001
5	National Lecturer Identification Number	0025049004
6	Place and date of birth	Ujung Pandang, 25 April 1990
7	Email	muh.ahsan@its.ac.id
8	Phone Number	085398371542
9	Office Address	Department of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	0315943352
11	H- Scopus index	**8**
12	Authorship Indexing	**Google Scholar : -** **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=57201734365
13	Subjects taught	

B. Education Background

	Bachelor	Master	Doctorate
College Name	Universitas Negeri Makassar		ITS
Field of Study	Mathematics		Statistics
Entry-Graduate Year	2008-2012		2016-2019

C. Research Experiences

No.	Year	Research Title	Source of funds
1	2016 - 2018	Pengembangan Diagram Kontrol Multivariat untuk Deteksi Intrusi *Development of Multivariate Control Diagrams for Intrusion Detection*	Ristek Dikti
2	2020	Performa Diagram Kontrol Multivariat Dynamic Hotelling's T2 dalam Memonitor Mixed Quality Characteristics dengan Principal Component Analysis (PCA) *Dynamic Hotelling's T2 Multivariate Control Diagram Performance in Monitoring Mixed Quality Characteristics with Principal Component Analysis (PCA)*	Local Fund ITS
3	2020 - 2021	Pengembangan Diagram Kontrol Multivariate Berbasis Kernel Principal Component Analysis untuk Mixed Variable dan Attribute Quality Characteristics *Development of Multivariate Control Diagrams Based on Kernel Principal Component Analysis for Mixed Variables and Attribute Quality Characteristics*	Ristek BRIN
4	2021 - 2022	Diagram Kontrol Max-MCUSUM berbasis Kernel Density Estimation untuk Memonitor Kualitas Proses Produksi Semen *Max-MCUSUM Control Diagram based on Kernel Density Estimation for Monitoring the Quality of Cement Production Process*	Ristek BRIN

D. Social Service Experiences

No.	Year	Title

E. Scientific Article Writing Experiences in Journals

No.	Scientific Article Subject	Journal Name	Vol/No/Year
1	Bootstrap based T^2 chart with hybrid James Stein and SDCM for network anomaly detection	AIP Conference Proceedings	Volume 2329, Issue 1, 2021

No.	Scientific Article Subject	Journal Name	Vol/No/Year
2	Highest Posterior Distribution (HPD) Control Chart for Individual Observation	Journal of Physics: Conference Series	Volume 1752, Issue 1, 2021
3	Comparing the performance of T^2 chart based on PCA Mix, Kernel PCA Mix, and Mixed Kernel PCA for Network Anomaly Detection	*Journal of Physics: Conference Series*	Volume 1752, Issue 1, 2021
4	Multivariate control chart based on kernel pca for monitoring mixed variable and attribute quality characteristics	Symmetry	Volume 12, Issue 11, 2020
5	Robust adaptive multivariate Hotelling's T^2 control chart based on kernel density estimation for intrusion detection system	Expert Systems with Applications	*Volume 145, 2020*
6	Bootstrap-based maximum multivariate CUSUM control chart	*Quality Technology and Quantitative Management*	*Volume 17, Issue 1, 2020*
7	Multivariate CUSUM control chart based on the residuals of multi output least squares SVR for monitoring water quality	*Malaysian Journal of Science*	*Volume 38, 2019*
8	Multivariate T^2 control chart based on james-Stein and successive difference covariance matrix estimators for intrusion detection	*Malaysian Journal of Science*	*Volume 38, 2019*
9	Outlier detection using PCA mix based T^2 control chart for continuous and categorical data	*Communications in Statistics: Simulation and Computation*	*DOI: 10.1080/03610918. 2019.1586921 Tahun 2019*
10	Tr(R2) control charts based on kernel density estimation for monitoring multivariate variability process	*Cogent Engineering*	*Volume 6, Issue 1, 2019*
11	Residual-based maximum MCUSUM control chart for joint monitoring the mean and variability of multivariate autocorrelated processes	*Production and Manufacturing Research*	*Volume 7, Issue 1, 2019*
12	Hybrid James-Stein and successive difference covariance matrix estimators based hotelling's T^2 chart for network anomaly detection using bootstrap	*Journal of Theoretical and Applied Information Technology*	*Volume 96, Issue 20, 2018*
13	Performance Fuzzy Multinomial Control Chart	*Journal of Physics: Conference Series*	*Volume 1028, Issue 1, 2018*

No.	Scientific Article Subject	Journal Name	Vol/No/Year
14	T^2 Control Chart based on Successive Difference Covariance Matrix for Intrusion Detection System	*Journal of Physics: Conference Series*	*Volume 1028, Issue 1, 2018*
15	Multioutput Least Square SVR Based Multivariate EWMA Control Chart	*Journal of Physics: Conference Series*	*Volume 1028, Issue 1, 2018*
16	Intrusion detection system using bootstrap resampling approach of T^2 control chart based on successive difference covariance matrix	*Journal of Theoretical and Applied Information Technology*	*Volume 96, Issue 8, 2018*
17	Intrusion detection system using multivariate control chart Hotelling's T^2 based on PCA	*International Journal on Advanced Science, Engineering and Information Technology*	*Volume 8, Issue 5, 2018*
18	Multioutput least square SVR-based multivariate EWMA control chart: The performance evaluation and application	*Cogent Engineering*	*Volume 5, Issue 1, 2018*
19	Multivariate control chart based on PCA mix for variable and attribute quality characteristics	*Production and Manufacturing Research*	*Volume 6, Issue 1, 2018*
20	Evaluation of laney p' chart performance	*International Journal of Applied Engineering Research*	*Volume 12 Issue 24, 2017*

F. Oral Scientific Article Publication on Summit / Seminar Experiences

No.	Summit Name	Scientific Article Subject	Time and Place
1.	Comparing the Performance of Kernel PCA Mix Chart with PCA Mix Chart for Monitoring Mixed Quality Characteristics	International Conference on Mathematics, Statistics, and Data Science	11-12 Nopember 2020, Institut Pertanian Bogor (Virtual)
2.	Bootstrap based T^2 chart with hybrid James Stein and SDCM for network anomaly detection	International Conference on Mathematics, Computational Sciences and Statistics	29 September 2020, Universitas Airlangga (Virtual)
3.	Multivariate T^2 control chart based on james-Stein and successive difference covariance matrix estimators for intrusion detection	International Seminar on Mathematics in Industry and International Conference on Theoretical and Applied Statistics	4-6 September 2018, Universiti Teknologi Malaysia (Kuala Lumpur)
4	Comparing the performance of T^2 chart based on PCA Mix, Kernel PCA Mix, and Mixed	3rd International conference on Statistics, Mathematics, Teaching, and Research 2019	9-10 Nopember 2019, Universitas Negeri Makassar (Makassar)

No.	Summit Name	Scientific Article Subject	Time and Place
	Kernel PCA for Network Anomaly Detection		
5	T^2 Control Chart based on Successive Difference Covariance Matrix for Intrusion Detection System	2nd International conference on Statistics, Mathematics, Teaching, and Research 2019	9-10 Nopember 2017, Universitas Negeri Makassar (Makassar)

G. Book Writing Experiences

No.	Book Subject	Year	Number of Pages	Publisher

H. Training Experiences

No.	Training Subject	Date and Place	Organizer

I. Awards (From Government, association or other institutions)

No.	Award Type	Awarding Institution	Year

All the data I filled and listed in this biodata is true and can be accounted for by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, 3 August 2021

(Dr. Muhammad Ahsan, S.Si.)

CURRICULUM VITAE

Dr. Hidayatul Khusna, S.Si.

NPP	1994202012032	
Email	hidayatul@its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 ITS	Statistika
	S3 ITS	Statistika
Laboratorium	Statistika Bisnis dan Industri	
Bidang Keahlian	Statistical Process Control	
	Industrial Statistics	
	Time Series Analysis	

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/dr-hidayatul-khusna/

A. Personal Identity

1	**Name**	**Dr. Hidayatul Khusna, S.Si**
2	Sex	Female
3	Functional Position	
4	Staff ID Number	1994202012032
5	National Lecturer Identification Number	0019059401
6	Place and date of birth	Lamongan, 19 Mei 1994
7	Email	hidayatul@its.ac.id
8	Phone Number	085733352789
9	Office Address	Department of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	0315943352
11	H- Scopus index	**6**
12	Authorship Indexing	**Google Scholar :** https://scholar.google.com/citations?hl=id&user=YT2J3s0AAAAJ **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=57200728586
13	Subjects taught	

B. Education Background

	Bachelor	Master	Doctorate
College Name	ITS		ITS
Field of Study	Statistics		Statistics
Entry-Graduate Year	2011-2015		2016-2019

C. Research Experiences

No.	Year	Research Title	Source of funds
1	2016 - 2018	Pengembangan Diagram Kontrol Max-MCUSUM dan Max-MEWMA Berbasis Residual Model Multioutput Least Square SVR (MLS-SVR) untuk Autocorrelated Data *Development of Max-MCUSUM and Max-MEWMA Control Diagrams Based on Residual Multioutput Least Square SVR (MLS-SVR) Models for Autocorrelated Data*	Ristek Dikti
2	2020	Performa Diagram Kontrol Multivariat Dynamic Hotelling's T^2 dalam Memonitor Mixed Quality Characteristics dengan Principal Component Analysis (PCA) *Dynamic Hotelling's T2 Multivariate Control Diagram Performance in Monitoring Mixed Quality Characteristics with Principal Component Analysis (PCA)*	Local Fund ITS
3	2021-2022	Diagram Kontrol Max-MCUSUM berbasis Kernel Density Estimation untuk Memonitor Kualitas Proses Produksi Semen *Max-MCUSUM Control Diagram based on Kernel Density Estimation for Monitoring the Quality of Cement Production Process*	Ristek BRIN

D. Social Service Experiences

No.	Year	Title

E. Scientific Article Writing Experiences in Journals

No.	Scientific Article Subject	Journal Name	Vol/No/Year
1	Bootstrap based T^2 chart with hybrid James Stein and SDCM for network anomaly detection	AIP Conference Proceedings	Volume 2329, Issue 1, 2021
2	Highest Posterior Distribution (HPD) Control Chart for Individual Observation	Journal of Physics: Conference Series	Volume 1752, Issue 1, 2021
3	Comparing the performance of T^2 chart based on PCA Mix, Kernel PCA Mix, and Mixed Kernel PCA for Network Anomaly Detection	*Journal of Physics: Conference Series*	Volume 1752, Issue 1, 2021
4	Multivariate control chart based on kernel pca for monitoring mixed variable and attribute quality characteristics	Symmetry	Volume 12, Issue 11, 2020
5	Bootstrap-based maximum multivariate CUSUM control chart	Quality Technology and Quantitative Management	*Volume 17, Issue 1, 2020*
6	Multivariate CUSUM control chart based on the residuals of multi output least squares SVR for monitoring water quality	*Malaysian Journal of Science*	*Volume 38, 2019*
7	Multivariate T^2 control chart based on james-Stein and successive difference covariance matrix estimators for intrusion detection	*Malaysian Journal of Science*	*Volume 38, 2019*
8	Outlier detection using PCA mix based T^2 control chart for continuous and categorical data	*Communications in Statistics: Simulation and Computation*	*DOI: 10.1080/03610918. 2019.1586921 Tahun 2019*
9	Tr(R2) control charts based on kernel density estimation for monitoring multivariate variability process	*Cogent Engineering*	*Volume 6, Issue 1, 2019*
10	Residual-based maximum MCUSUM control chart for joint monitoring the mean and variability of multivariate autocorrelated processes	*Production and Manufacturing Research*	*Volume 7, Issue 1, 2019*
11	Hybrid James-Stein and successive difference covariance matrix estimators based hotelling's T^2 chart for network anomaly detection using bootstrap	*Journal of Theoretical and Applied Information Technology*	*Volume 96, Issue 20, 2018*

No.	Scientific Article Subject	Journal Name	Vol/No/Year
12	T^2 Control Chart based on Successive Difference Covariance Matrix for Intrusion Detection System	*Journal of Physics: Conference Series*	*Volume 1028, Issue 1, 2018*
13	Multioutput Least Square SVR Based Multivariate EWMA Control Chart	*Journal of Physics: Conference Series*	*Volume 1028, Issue 1, 2018*
14	Intrusion detection system using bootstrap resampling approach of T^2 control chart based on successive difference covariance matrix	*Journal of Theoretical and Applied Information Technology*	*Volume 96, Issue 8, 2018*
15	Multioutput least square SVR-based multivariate EWMA control chart: The performance evaluation and application	*Cogent Engineering*	*Volume 5, Issue 1, 2018*
16	Multivariate control chart based on PCA mix for variable and attribute quality characteristics	*Production and Manufacturing Research*	*Volume 6, Issue 1, 2018*
17	Evaluation of laney p' chart performance	*International Journal of Applied Engineering Research*	*Volume 12 Issue 24, 2017*

F. Oral Scientific Article Publication on Summit / Seminar Experiences

No.	Summit Name	Scientific Article Subject	Time and Place
1.	Multivariate CUSUM control chart based on the residuals of multi output least squares SVR for monitoring water quality	International Seminar on Mathematics in Industry and International Conference on Theoretical and Applied Statistics	4-6 September 2018 Universiti Teknologi Malaysia (Kuala Lumpur)
2.	Highest Posterior Distribution (HPD) Control Chart for Individual Observation	3rd International conference on Statistics, Mathematics, Teaching, and Research 2019	9-10 Nopember 2019 Universitas Negeri Makassar (Makassar)
3.	Multioutput Least Square SVR Based Multivariate EWMA Control Chart	2nd International conference on Statistics, Mathematics, Teaching, and Research 2019	9-10 Nopember 2017 Universitas Negeri Makassar (Makassar)

G. Book Writing Experiences

No.	Book Subject	Year	Number of Pages	Publisher

H. Training Experiences

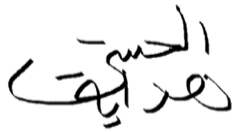
No.	Training Subject	Date and Place	Organizer

I. Awards (From Government, association or other institutions)

No.	Award Type	Awarding Institution	Year

All the data I filled and listed in this biodata is true and can be accounted for by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, 3 August 2021



(Dr. Hidayatul Khusna, S.Si.)

CURRICULUM VITAE

Dra. Wiwiek Setya Winahju, M.S

NIP	19560424 198303 2 001	
Email	wiwiek[at]statistika.its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 ITS	Matematika
	S2 Unair	Kesehatan Masyarakat
Laboratorium	Statistika Komputasi	
Bidang Keahlian	Komputasi Statistik	
	Model Linier	
	Model Linier Tergeneralisir	

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/wiwiek-setya/

A. Personal Identity

1	**Name**	**Dra Wiwiek Setya Winahju,MS**
2	Sex	Female
3	Functional Position	Head Lector
4	Staff ID Number	195604241983032001
5	National Lecturer Identification Number	0024045608
6	Place and date of birth	Surabaya, 24 April 1956
7	Email	wiwiek@statistika.its.ac.id
8	Phone Number	08563353102
9	Office Address	Departement of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	(031)5943352 / Fax. (031)5922940
11	H- Scopus index	**3**
12	Authorship Indexing	**Google Scholar :** https://scholar.google.com/citations?hl=en&user=sYsjCW4AAAAJ **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=55990955600
13	Subjects taught	1. Regression Analysis
		2. Data Analysis
		3. Matrix and Vector Space
		4. Numerical Analysis
		5. Calculus
		6. Surface Response Method (for Optimization)

B. Education Background

	Bachelor	Master	Doctorate
College Name	ITS	UNAIR	-
Field of Study	Mathematics	Public Health	-
Entry-Graduate Year	1975-1981	1984-1988	

C. Research Experiences

No.	Year	Research Title	Source of funds
1	2011	Modeling Infant Mortality Rates With POISSON COM Regression	Grants Statistic
2	2012	Modelling Of Dengue Fever Sufferers With Weather Predictors For Early Warning	BOPTN

D. Social Service Experiences

No.	Year	Title
1		Training on The Use of Statistical Methods for Class Action Research and Evaluation Results at SMP Al Falah Delta Sari Sido-arjo (Member)

E. Scientific Article Writing Experiences in Journals

No.	Scientific Article Subject	Journal Name	Vol/No/Year

F. Oral Scientific Article Publication on Summit / Seminar Experiences

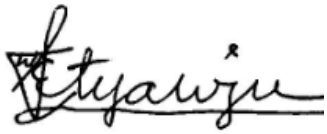
No.	Summit Name	Scientific Article Subject	Time and Place
1	International Conference on Math, Stat, and Its Application (ICMSA), 2012	Optimization Using Boot-strapping Response Surface	2012, Denpasar, Bali
2	International Conference on Advances Science (ICASCE), 2012	Modeling Dengue Using Poisson INAR(1)	2012, BINUS and Elsevier, Jakarta
3	International Conference on Math and Science (ICOMSc), 2011	Modeling Invant Mortality Using COM Poisson Regression	2011, Hotel Majapa-hit, Surabaya
4	SEAMS	Modeling Invant Mortality Using Robust Poisson Regression	2011, UGM, Yogyakarta
5	Conference on Industrial and Applied Math (CIAM), 2009	Optimization Through Generalized Linear Model	2009, ITB, Bandung

G. Training Experiences

No.	Training Subject	Date and Place	Organizer

All the data I filled and listed in this biodata is true and can be accounted by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, 3 August 2021



(Dra Wiwiek Setya Winahju,MS)

CURRICULUM VITAE

Dra. Madu Ratna, M.Si

NIP	19590109 198603 2 001	
Email	madu_r[at]statistika.its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 ITS	Matematika
	S2 ITS	Statistika
Laboratorium	Statistika Sosial dan Kependudukan	
Bidang Keahlian		

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/madu-r/

A. Personal Identity

1	**Name**	**Dra. Madu Ratna, M.Si**
2	Sex	Female
3	Functional Position	Lector
4	Staff ID Number	19590109 198603 2 001
5	National Lecturer Identification Number	0009015906
6	Place and date of birth	Surabaya, 01-09-1959
7	Email	ratna_m@statistika.its.ac.id
8	Phone Number	081938222629.
9	Office Address	Departement of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	(031)5943352 / Fax. (031)5922940
11	H- Scopus index	**3**
12	Authorship Indexing	**Google Scholar :** https://scholar.google.com/citations?user=JfFUyi0AAAAJ&hl=en **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=57189445070
13	Subjects taught	1. Regression Analysis (S-1)
		2. Social Research (S-1)
		3. Financial Mathematics (S-1)
		4. Experimental Design (S-1)
		5. Multivariate (S-1)

B. Education Background

	Bachelor	Master	Doctorate
College Name	Sepuluh Nopember Institute of Technology (ITS)	Sepuluh Nopember Institute of Technology (ITS)	-
Field of Study	Statistics	Statistics	-
Entry-Graduate Year	1981-1986	2002-2004	

C. Research Experiences

No.	Year	Research Title	Source of funds
1.	2014	Estimator Spline In Semiparametric Regression Of Birespon For Longitudinal Data (Year 2)	Pt Featured Supporters BOPTN DIKTI
2.	2013	Estimator Spline In Semiparametric Regression Birespon For Longitudinal Data (Year 1)	Boptn Featured Supporters DIKTI
3.	2012	Multivariable Fourier Non Trend Series Estimators In Nonparametric Regression	BOPT DIPA ITS
4.	2011	Nonparametric Regression Heteroskedastik Birespon Spline Weighted	Its Statistics Department Fund
5.	2010	Spline Bivariate Weighted In Multirespon nonparametric regression and Semiparametric Multirespon	Fundamentals of Year II DP2M-DIKTI
6.	2009	Weighted Spline Estimators and Partial Splines of Multirespon and Semiparametric Multiresponsive Splines	Fundamentals of Year II DP2M-DIKTI

D. Social Service Experiences

No.	Year	Title
1.	2013	Training on and off-line Teaching and Learning Process (PBM) Teachers of Madrasah Aliyah Negeri (MAN) Bangil Based E-learning
2.	2012	Providing Community Service: "Improvement of Competency of Madrasah Aliyah (MA) Teachers in Soft Skills and IT Based Learning Process" in Lumajang, East Java

E. Scientific Article Writing Experiences in Journals

No.	Scientific Article Subject	Journal Name	Vol/No/Year
1	Analysis of Factors that Influence Life Expectancy in East Java () Using Semiparametric Spline Regression ApproachIndonesia (2nd author)	International Journal of Basic & Applied Sciences	Flight 14, No. 2/2014

F. Oral Scientific Article Publication on Summit / Seminar Experiences

No.	Summit Name	Scientific Article Subject	Time and Place
1.	National Seminar on Mathematics, Mathematics Department, Manado State University.	Weighted Spline Estimator For Birespon Nonparametric Regression Curve Estimation (Author 1)	30 June – 3 July 2010, Manado.
2.	National Seminar on Mathematics, Mathematics Department, Manado State University.	Spline Estimators Are Partially Weighted In Semiparametric Regression for Longitudinal Data. (Author 1)	30 June – 3 July 2010, Manado
3.	National Seminar on Policy Integration and Strengthening Of National Industry Towards Acceleration and Expansion ofIndonesia's Economy, Department of Economic Development	Pdevelopment sector Pariwisata In Bali Province and its Impact on Poverty, AngkaLife Expectancy, and Human Development Index (HDI) (Author 2)	October 2012, Faculty of Economics, UNNES, Semarang.
4.	National Seminar on Policy Integration and Strengthening Of National Industry Towards Acceleration and Expansion ofIndonesia's Economy, Department of Economic Development	Statistical Analysis of Foreign Tourists' Visit to Indonesia as An Effort to Develop Agro Tourism Concept in Payangan District – Gianyar Bali (Author 2)	October 2012, Faculty of Economics, UNNES, Semarang

G. Training Experiences

No.	Training Subject	Date and Place	Organizer

All the data I filled and listed in this biodata is true and can be accounted by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, 3 August 2021

(Dra. Madu Ratna, M.Si)

CURRICULUM VITAE

M. Sjahid Akbar, S.Si, M.Si

NIP	19720705 199802 1 001	
Email	m_syahid_a[at]statistika.its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 ITS	Statistika
	S2 IPB	Statistika
	S3 ITS	(on going)
Laboratorium	Statistika Ekonomi, Finansial, dan Aktuaria	
Bidang Keahlian		

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/m-sjahid-a/

A. Personal Identity

1	**Name**	**M. Syahid Akbar, S.Si, M.Si**
2	Sex	Male
3	Functional Position	Head of Lector
4	Staff ID Number	19720705 199802 1 001
5	National Lecturer Identification Number	0050772008
6	Place and date of birth	Surabaya , July 5th 1972
7	Email	m_syahid_a@statistika.its.ac.id
8	Phone Number	(031) 5943352
9	Office Address	Departement of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	(031)5943352 / Fax. (031)5922940
11	H- Scopus index	**2**
12	Authorship Indexing	**Google Scholar :** https://scholar.google.com/citations?hl=id&user=D0UuM8oAAAAJ **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=57193275180
13	Subjects taught	

B. Education Background

	Bachelor	Master	Doctorate
College Name	Institut Teknologi Sepuluh Nopember, Surabaya	Institut Pertanian Bogor, Bogor	**Pursuing Doctoral Study at ITS**
Field of Study	Statistics	Statistics	
Entry-Graduate Year	1991-1996	2001-2004	

C. Research Experiences

No.	Year	Research Title	Source of Funding
1	2013	Penelitian Program Hibah Penelitian Laboratorium, 2012, Analisis *Conditional Value at Risk* untuk distribusi besar kerugian Pareto (Studi Kasus Bursa Efek Indonesia). Penelitian Laboratorium *Research Laboratory Research Grant Program, 2012, Conditional Value at Risk Analysis for the distribution of large losses Pareto (Case Study of Indonesia Stock Exchange).* *Laboratory Research*	Program Hibah Penelitian Laboratorium *Laboratory Research Grant Program*
2	2014	Penyelesaian kasus multirespon pada metode permukaan respon dengan pendekatan multiobjective decision making (MODM). *Multirespon case resolution on surface response methods with a multiobjective decision making (MODM)approach.*	Program Hibah Penelitian Laboratorium *Laboratory Research Grant Program*
3	2017	Pengembangan Model *Generalized Space-Time Autoregresiv* (GSTAR) yang Melibatkan Variabel Eksogen dengan Pendekatan *Generalized Least Square* (GLS). *Development of a Generalized Space-Time Autoregresive (GSTAR) Model Involving Exogenous Variables with a Generalized Least Square (GLS) Approach.*	Program Hibah Doktor (DP2M Dikti) *Doctoral Grant Program*
4	2019	Prediksi Pola Pencemaran Udara Di Surabaya Berdasarkan Data *Air Quality Monitoring System* (Aqms) *Air Pollution Pattern Prediction In Surabaya Based on Air Quality Monitoring System (Aqms) Data*	Program Hibah Penelitian Laboratorium *Laboratory Research Grant Program*

D. Social Service Experiences

No.	Year	Title
1	2014	Survey Kepuasan Pelanggan LPG PT Pertamina *LPG Customer Satisfaction Survey of PT Pertamina*
2	2016	Pembuatatan Pakan Fermentasi untuk sapi di Sampang *Fermented Feed Making for Cows in Sampang*
3	2017	Peningkatan Ekonomi Kelompok Petani Tambak Keputih Sukolilo Surabaya Melalui Produksi Pakan Ikan Mandiri *Economic Improvement of Sukolilo Surabaya White Pond Farmers Group Through Independent Fish Feed Production*
4	2017	Pengukuran Employee Engagement di PT. Meratus *Employee Engagement measurement in PT. Meratus*
5	2018	Penyusuna Indeks Kepuasan Masyarakat Layanan Komunikasi Dan Informatika Dinas Komunikasi, Informatika Dan Statistika Kota Pasuruan *Community Satisfaction Index Builder Communication And Informatics Services Office of Communication, Informatics and Statistics Pasuruan City*
6	2018	Peningkatan Ekonomi Masyarakat Keputih Sukolilo Surabaya Melalui Produksi Pakan ayam Fermentasi *Economic Improvement of Sukolilo Surabaya White Society Through Fermented Chicken Feed Production*
7	2019	Penyusunan Data Pokok Perencanaan dan Pembangunan Daerah Kota Pasuruan *Preparation of Basic Data on Planning and Development of Pasuruan City*
8	2019	Pemberdayaan Ekonomi Kelompok Pembatik Kampung Wisata Ex Lokalisasi Dolly Surabaya *Economic Empowerment of Batik Groups* *Dolly Surabaya Ex-Localization Tourism Village*
9	2020	Pelatihan Analitika Data Ekonomi di Fakultas Ekonomi Universitas Trunojoyo Madura *Economic Data Analytics Training at the Faculty of Economics, Trunojoyo Madura University*

E. Scientific Article Writing Experiences in Journals

No.	Scientific Article Title	Journal Name	Vol/No/Year
1	Prediction of PM10 Pollutant in Surabaya using Generalized Space-Time Autoregressive Moving Average	Investigacion Operacional	41/7/2020
2	Forecasting Financial System Stability Using Vector Error Correction Model Approach	CAUCHY	6/2/2020
3	Peramalan Jumlah Penumpang dan Barang di Bandar Udara Internasional Juanda dan Pelabuhan Tanjung Perak Menggunakan Model Hybrid ARIMAX dan Deep Learning Neural Networks *Forecasting the Number of Passengers and Goods at Juanda International Airport and Tanjung Perak Port Using ARIMAX Hybrid Model and Deep Learning Neural Networks*	Inferensi	2/1/2019
4	GSTARX-GLS Model for Spatio-Temporal Data Forecasting	Malaysian Journal of Mathematical Sciences	10/S/2016

F. Oral Scientific Article Publication on Summit / Seminar Experiences

No.	Summit Name	Scientific Article Title	Time and Place
1	Seminar Nasional Manajemen Teknologi XVI *National Seminar on Technology Management XVI*	Analisis *Conditional Value at Risk* untuk distribusi besar kerugian Pareto (Studi Kasus Bursa Efek Indonesia) *Conditional Value at Risk analysis for the distribution of large pareto losses (Case Study of Indonesia Stock Exchange)*	29 Nopember 2012 MMT ITS Prosiding Seminar Nasional Manajemen Teknologi XVI
2	International Conference on Theoretical and Applied Statistics (ICTAS 2016)	GSTARMAX Model for Forecasting Outflow Currency at Bank Indonesia	19-20 ktober 2016 Statistika ITS Surabaya

No.	Summit Name	Scientific Article Title	Time and Place
3	International Conference on Mathematics Pure, Applied, Computation (ICoMPAC 2017)	GSTAR-SUR Modeling With Calendar Variations And Intervention To Forecast Outflow Of Currencies In Java Indonesia	1 November 2017 Matematika ITS Surabaya
4	International Conference on Mathematics Pure, Applied, Computation (ICoMPAC 2019)	A Generalized Space-Time Autoregressive Moving Average (GSTARMA) Model for Forecasting Air Pollutant in Surabaya	19 Oktober 2019 Matematika ITS Surabaya
5	The 3rd International Conference on Statistics, Mathematics, Teaching and Research (ICSMTR) 2019	A MGSTAR: An Extension of The Generalized Space-Time Autoregressive Model	9 September 2019 Makassar
6	International Conference on Mathematics Pure, Applied, Computation (ICoMPAC 2020)	Comparison of Ensemble Kalman Filter, Unscented Kalman Filter, and Fractional Kalman Filter for estimating the concentration of CO and NO 2	24 Oktober 2020 Matematika ITS Surabaya
7	International Conference on Mathematics Pure, Applied, Computation (ICoMPAC 2020)	Quality Control of Water Production Process Using Multivariate Control Charts	24 Oktober 2020 Matematika ITS Surabaya

G. Book Writing Experiences

No.	Book Subject	Year	Number of Pages	Publisher

H. Training Experiences

No.	Training Subject	Date and Place	Organizer

I. Awards (From Goverment, association or other institutions)

No.	Award Type	Awarding Institution	Year

All the data I filled and listed in this biodata is true and can be accounted by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, August 3rd 2021

(M. Syahid Akbar, S.Si, M.Si)

CURRICULUM VITAE

Adatul Mukarromah, S.Si, M.Si

NIP	19800418 200312 2 001	
Email	adatulm[at]gmail.com	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 ITS	Matematika
	S2 ITS	Statistika
	S3 ITS	(on going)
Laboratorium	Statistika Komputasi	
Bidang Keahlian		

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/adatul-mukarromah-msi/

A. Personal Identity

1	**Name**	**Adatul Mukarromah, S.Si, M.Si**
2	Sex	Female
3	Functional Position	Assistant Professor
4	Staff ID Number	19800418 200312 2 001
5	National Lecturer Identification Number	0018048001
6	Place and date of birth	Gresik, April 18, 1980
7	Email	adatul@statistika.its.ac.id ; adatulm@gmail.com
8	Phone Number	085290830859
9	Office Address	Department of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	(031)5943352 / Fax. (031)5922940
11	H- Scopus index	1
12	Authorship Indexing	**Google Scholar :** https://scholar.google.co.id/citations?user=jHPlA5IAAAAJ&hl=en **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=55990843700
13	Subjects taught	1. Business Analytics
		2. Management Information System
		3. Computer Programming
		4. Explorative Data Analysis
		5. Numerical Analysis

B. Education Background

	Bachelor	Master	Doctorate
College Name	Institut Teknologi Sepuluh Nopember, Surabaya	Institut Teknologi Sepuluh Nopember, Surabaya	
Field of Study	Statistics	Mathematics	
Entry-Graduate Year	1998-2003	2008-2011	

C. Research Experiences

No.	Year	Research Title	Source of funds
1	2021	Penerapan Seasonal Varma Untuk Data Yang Hilang Pada Kasus Kualitas Udara Di Surabaya *Application of Seasonal Varma for Missing Data in Air Quality Cases in Surabaya*	Department
2	2020	Peramalan Netflow Uang Kartal Di Jawa Timur Dengan Model Arima Menggunakan Algoritma Reversible Jump MCMC *Forecasting Currency Netflow in East Java Using the Arima Model with the MCMC Reversible Jump Algorithm*	Department
3	2018	Pengembangan Model Hirarki Mixture Poisson Dengan Pendekatan Bayesian Untuk Jumlah Bayi Di Jawa Timur *Development of the Poisson Mixture Hierarchy Model using Bayesian Approach for the Number of Infants in East Java*	DIKTI
4	2014	Penalaran Teori Regresi Integer Anutoregresive (1) Bivariate Poisson, dan Penggunaannya untuk Optimasi Banyak Penderita Demam Berdarah yang Meninggal, secara Numerik dan Algoritma Genetika *The Analysis of Autoregressive Integer Regression Theory (1) Bivariate Poisson, and its Application in Optimization the Number of the Death of Dengue Patients, Numerically and Genetic Algorithms*	BOPTN
5	2013	Pemodelan dan Permalan Harga Cabe Merah berdasarkan Hasil Produksi dengan Prediktor Faktor Cuaca dan Luas Lahan di Jawa Timur *Modeling and Forecasting the Red Chili Prices based on Production Results with Predictors of Weather Factors and Land Areas in East Java*	BOPTN
6	2012	Pemodelan Penderita Demam Berdarah dengan Prediktor Cuaca Untuk Peringatan Dini *Modeling Dengue Fever Patients with Weather Predictors For Early Warning*	BOPTN
7	2011	Peramalan Kecepatan Angin Menggunakan Adaptive Neuro Fuzzy Inference Systems *Wind Speed Forecasting Using Adaptive Neuro Fuzzy Inference Systems*	DIPA

D. Social Service Experiences

No.	Year	Title
1	2014	Pelatihan dan Pendampingan Penerapan Metode Statistika dan *Analytical Hierarchy Process* (AHP) bagi Pegawai Kementrian Pekerjaan Umum *Training and Assistance in the Application of Statistical Methods and Analytical Hierarchy Process (AHP) for Employees of the Ministry of Public Works*
2	2013	Pelatihan dan Pendampingan Penerapan Metode Statistika untuk penelitian Keangkatan Lautan *Training and Assistance in the Application of Statistical Methods for Naval Research*
3	2012	Penerapan metode statistika dalam penelitian tindakan kelas bagi guru SMA Assa'adah kecamatan Bungah Gresik *Application of statistical methods in classroom action research for Assa'adah High School teachers, Bungah Gresik Regency*
4	2012	Pemetaan Pegawai di Lingkungan Badan Kepegawaian Daerah Provinsi Jawa Timur Berdasarkan Kompetensinya *Mapping of Employees in the Regional Civil Service Agency of East Java Province Based on its Competence*
5	2012	Pemanfaatan fitur-fitur otomatis pada microsoft word untuk meningkatkan kemampuan menulis/writing skill bagi guru-guru SD (pelatihan dan pendampingan) *Utilization of automatic features in Microsoft Word to improve writing skills for elementary school teachers (training and mentoring)*

E. Scientific Article Writing Experiences in Journals

No.	Scientific Article Subject	Journal Name	Vol/No/Year
1	Pemodelan Harga Cryptocurrency Mengunakan Markov Switching Autoregressive *Cryptocurrency Price Modeling Using Autoregressive Markov Switching*	Inferensi	3/2/2020
2	Modeling both of the number of pausibacillary and multibacillary leprosy patients by using bivariate poisson regression	AIP Conference Proceding	1651/147/2015
3	Modeling Dengue Cases Using Poisson INAR	Procedia Engineering, SciVerse ScienceDirect	50/837-847/2012

F. Oral Scientific Article Publication on Summit / Seminar Experiences

No.	Summit Name	Scientific Article Subject	Time and Place
1	International Conference on Advanced Engineering and Technology (ICAET 2020)	Incident Clustering in the Warehouse Workspaces by Using Text Mining	2020
2	Symomath 2014	Application of Integer Autoregressive (INAR) for Modeling Number of Dengue Fever Patients	2014, UB Malang

No.	Summit Name	Scientific Article Subject	Time and Place
3	Konferensi Nasional Matematika 2014 *National Mathematics Conference 2014*	Peramalan Volume Produksi Air di PDAM Bojonegoro dengan Menggunakan Fungsi Transfer *Forecasting Water Production Volume at PDAM Bojonegoro Using Transfer Function Method*	2014, ITS Surabaya
4	Seminar Pasca Sarjana XII ITS *Postgraduate Seminar XII ITS*	Peramalan pada Harga Cabai Merah Berdasarkan Curah Hujan di Surabaya *Forecasting the Red Chili Prices Based on Precipitation in Surabaya*	2013, ITS Surabaya
5	Seminar Pasca Sarjana XII ITS *Postgraduate Seminar XII ITS*	Prediksi Jumlah Kasus DBD Berdasarkan Faktor Iklim di Kota Surabaya dengan Metode ANN *Prediction of the Number of Dengue Hemorrhagic Fever Cases Based on Climate Factors in the Surabaya City using ANN Method*	2012, ITS Surabaya
6	Seminar Nasional Manajemen Teknologi XV	Optimasi Komposisi LEM untukbahan PVC Film *Optimization of Adhesive Composition for PVC Film Material*	2012, MMT ITS Surabaya

All the data I filled and listed in this biodata is true and can be accounted by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, 3 August 2021

(Adatul Mukarromah, S.Si, M.Si)

CURRICULUM VITAE

Diaz Fitra Aksioma, S.Si, M.Si

NIP	19870602 201212 2 002	
Email	diaz_fa@statistika.its.ac.id	
Profil	Scholar Resits Sinta	
Pendidikan	S1 ITS	Statistika
	S2 ITS	Statistika
	S3	(on going)
Laboratorium	Statistika Bisnis dan Industri	
Bidang Keahlian		

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/diaz-f-aksioma/

A. Personal Identity

1	**Name**	**Diaz Fitra Aksioma, S.Si, M.Si**
2	Sex	Female
3	Functional Position	Expert Assistant
4	Staff ID Number	19870602 201212 2 002
5	National Lecturer Identification Number	002068702
6	Place and date of birth	
7	Email	diaz_fa@statistika.its.ac.id
8	Phone Number	081330317634
9	Office Address	Department of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	
11	H- Scopus index	**1**
12	Authorship Indexing	
13	Subjects taught	

B. Education Background

	Bachelor	**Master**	**Doctorate**
College Name	ITS	ITS	Pursuing Doctoral Study at Iowa State University of Science and Technology
Field of Study	Statistics	Statistics	
Entry-Graduate Year	2004-2008	2009 -2011	2019 - now

C. Research Experiences

No.	Year	Research Title	Source of funds
1	2014	Pengendalian Kualitas Air PDAM Kota Surabaya dengan *Regression Adjustment Control Chart* *Water Quality Control of PDAM Surabaya City with Regression Adjustment Control Chart*	
2	2013	Optimasi Pengontrolan Kualitas di *Production Machine* di Bay 7 (*Finning and CNC Okuma Machine*) PT. Alstom Power Energy Sistem Indonesia *Optimization of Quality Control in Production Machine in Bay 7 (Finning and CNC Okuma Machine) Alstom Power Energy Sistem Indonesia Company*	LPPM ITS

D. Social Service Experiences

No.	Year	Title
1	2014	Pelatihan Peningkatan Kualitas Pengelolaan Sekolah Berbasis Statistika untuk Kepala Sekolah TK Muslimat NU se-Kabupaten Lamongan *Statistics-Based School Management Quality Improvement Training for NU Muslimat Kindergarten Principals in Lamongan*
2	2013	Pelatihan Evaluasi Pembelajaran dengan Metode Statistika, MI Ma'arif Sunan Drajad Lamongan *Learning Evaluation Training with Statistical Methods, MI Ma'arif Sunan Drajad Lamongan*

E. Scientific Article Writing Experiences in Journals

No.	Scientific Article Subject	Journal Name	Vol/No/Year

F. Oral Scientific Article Publication on Summit / Seminar Experiences

No.	Summit Name	Scientific Article Subject	Time and Place

G. Book Writing Experiences

No.	Book Subject	Year	Number of Pages	Publisher

H. Training Experiences

No.	Training Subject	Date and Place	Organizer

I. Awards (From Goverment, association or other institutions)

No.	Award Type	Awarding Institution	Year

All the data I filled and listed in this biodata is true and can be accounted for by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, 3 August 2021

(Diaz Fitra Aksioma, S.Si, M.Si)

CURRICULUM VITAE

Shofi Andari, S.Stat, M.Si

NIP	198712072014042001	
Email	shofi_a[at]statistika.its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 IPB	Statistika
	S2 ITS	Statistika
	S3	(on going)
Laboratorium	Statistika Lingkungan dan Kesehatan	
Bidang Keahlian		

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/shofi-a/

A. Personal Identity

1	**Name**	**Shofi Andari, S.Stat, M.Si**
2	Sex	Female
3	Functional Position	Expert Assistant
4	Staff ID Number	19871207 201404 2 001
5	National Lecturer Identification Number	007128702
6	Place and date of birth	Malang, 7 Desember 1987
7	Email	shofi_a@statistika.its.ac.id
8	Phone Number	085695365417
9	Office Address	Department of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	
11	H- Scopus index	**2**
12	Authorship Indexing	**Google Scholar :** https://scholar.google.com/citations?hl=id&user=UX-_yVQAAAAJ **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=57170713600
13	Subjects taught	

B. Education Background

	Bachelor	Master	Doctorate
College Name	ITS	ITS	Pursuing doctoral degree at Iowa State University
Field of Study	Statistics	Statistics	Bioinformatics
Entry-Graduate Year	2010	2013	2018 - now

C. Research Experiences

No.	Year	Research Title	Source of funds
1	2014	*Reduced support vector machine* berbasis teknik *clustering* untuk klasifikasi data besar *Reduced support vector machine based on clustering technique for big data classification*	PNBP-ITS 2014
2	2014	Pemetaan perilaku merokok pada remaja dengan pendekatan *model based-clustering* *Mapping smoking behavior in adolescents with a model-based clustering approach*	ANLAN-LITBANGKES 2014

D. Social Service Experiences

No.	Year	Title

E. Scientific Article Writing Experiences in Journals

No.	Scientific Article Subject	Journal Name	Vol/No/Year
1	Developing measurement model using Bayesian confirmatory factor analysis in suppressing maternal mortality,	International Journal of Applied Mathematics and Statistic	Vol 53 Issue 5, pp. 130 – 136
2	Reduced support vector machine based on nonhierarchical clustering techniques for classifying mixed large-scale datasets	International Journal of Applied Mathematics and Statisti	Vol 53 Issue 5, pp. 40-46

F. Oral Scientific Article Publication on Summit / Seminar Experiences

No.	Summit Name	Scientific Article Subject	Time and Place
1.	International Conference on Mathematics	Breast Cancer Diagnosis Using Smooth Support Vector Machine and Multivariate Adaptive Regression Splines	2012, Bali Indonesia
2.	International Conference on Biomedical Engineering Technology and Application	Classifying large-scale Categorical Datasets using Reduced Support Vector Machine Based on Clustering Technique	2014, Yogyakarta Indonesia
3.	The Third Information Systems International Conference (ISICO)	High Dimensional Data Classification Based On Smooth Support Vector Machines	2015, Surabaya Indonesia

G. Book Writing Experiences

No.	Book Subject	Year	Number of Pages	Publisher

H. Training Experiences

No.	Training Subject	Date and Place	Organizer

I. Awards (From Government, association or other institutions)

No.	Award Type	Awarding Institution	Year

All the data I filled and listed in this biodata is true and can be accounted for by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, 3 August 2021

(Shofi Andari, S.Stat, M.Si.)

CURRICULUM VITAE

Erma Oktania Permatasari, S.Si, M.Si

NIP	19881007 201404 2 002	
Email	erma@statistika.its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 ITS	Statistika
	S2 ITS	Statistika
Laboratorium	Statistika Sosial dan Kependudukan	
Bidang Keahlian		

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/erma-oktania/

A. Personal Identity

1	**Name**	**Erma Oktania Permatasari, S.Si, M.Si**
2	Sex	Female
3	Functional Position	Expert Assistant
4	Staff ID Number	19881007 201404 2 002
5	National Lecturer Identification Number	007108801
6	Place and date of birth	Surabaya, 7 Oktober 1988
7	Email	erma@statistika.its.ac.id
8	Phone Number	085648143518
9	Office Address	Department of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	-
11	H- Scopus index	**2**
12	Authorship Indexing	**Google Scholar :** https://scholar.google.com/citations?hl=id&user=GqkGmUwAAAAJ **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=57170893100
13	Subjects taught	Social Research Methods
		Regression Analysis
		Introduction to Statistical Methods
		Mathematics Statistics I
		Mathematics Statistics II
		Data Analysis II
		Categorical Data Analysis
		Multivariate Analysis
		Time Series Analysis

		Demographic Studies

B. Education Background

	Bachelor	Master	Doctorate
College Name	ITS	ITS	
Field of Study	Statistics	Statistics	
Entry-Graduate Year	2009-2011	2011-2013	

C. Research Experiences

No.	Year	Research Title	Source of funds
1	2014	Pendekatan Multivariate Adaptive Regression Spline (MARS) untuk klasifikasi status terinfeksi penyakit Infeksi Menular Seksual (IMS) pada Pekerja Seks Komersial (PSK) di Lokalisasi Moroseneng Surabaya *Multivariate Adaptive Regression Spline (MARS) approach for classification of status of infection with Sexually Transmitted Infections (STI) in Commercial Sex Workers (CSWs) in Moroseneng Localization Surabaya*	PNBP ITS-2014
2	2014	Pendekatan Multivariate Adaptive Regression Spline (MARS) untuk pemodelan bayi yang mendapat ASI di Indonesia *Multivariate Adaptive Regression Spline (MARS) approach for modeling breastfed infants in Indonesia*	Balitbangkes-2014
3	2016	Pengelompokkan Kelurahan Berdasarkan Indikator Penunjang KB Sebagai Dasar Pemetaan Pembentukan Kampung KB di Surabaya *Village Grouping Based on Family Planning Supporting Indicators as a Basis for Mapping the Formation of Family Planning Villages in Surabaya*	PNBP ITS-2016
4	2016	Implementasi Spline Polinomial Truncated pada Model Regresi Semiparametrik Multirespon untuk Pemodelan Pengaruh Karakteristik Wilayah Terhadap Penggunaan Teknologi Komunikasi *Implementation of Truncated Polynomial Spline in Multiresponse Semiparametric Regression Model for Modeling the Effect of Regional Characteristics on the Use of Communication Technology*	PNBP ITS-2016
5	2017	Strategi Meningkatkan Kualitas Layanan Dan Kepuasan Sebagai Upaya Mempertahankan Loyalitas Pasien Di Medical Center Di ITS	ITS Local Fund 2017

No.	Year	Research Title	Source of funds
		Strategies to Improve Service Quality and Satisfaction as an Effort to Maintain Patient Loyalty at the Medical Center at ITS	
6	2017	Pengelompokan Dan Pemodelan Kualitas Proses Pendidikan Perguruan Tinggi Negeri di Indonesia Menurut Jalur Masuk dengan Pendekatan Metode Ensemble Rock (Robust Clustering Using Links) Dan Similarity Weight And Filter Method (SWFM) Serta Quantile Reg *Grouping and Modeling the Quality of the Educational Process of State Universities in Indonesia by Pathway with the Ensemble Rock Method Approach (Robust Clustering Using Links) and Similarity Weight And Filter Method (SWFM) and Quantile Reg*	BP PTNBH 2017
7	2018	Pengelompokkan Kabupaten/Kota Berdasarkan Indikator Sanitasi Lingkungan Sebagai Dasar Evaluasi Pencapaian Tujuan SDGs Di Provinsi Jawa Timur *District/City Grouping Based on Environmental Sanitation Indicators as a Basis for Evaluation of Achievement of SDGs Goals in East Java Province*	ITS Local Fund 2018
8	2018	Pemodelan Konsumsi Air Bersih dengan Pendekatan Model Tobit Double Hurdle Berbasis Analisis Gender pada Rumah Tangga Miskin *Clean Water Consumption Modeling with Tobit Double Hurdle Model Approach Based on Gender Analysis in Poor Households*	DRPM
9	2019	Analisis Faktor-Faktor yang Mempengaruhi Angka Kematian Bayi (AKB) Berdasarkan Indikator Sanitasi dan Kesehatan Sebagai Dasar Evaluasi Pencapaian Target SDGs di Provinsi Sulawesi Utara *Analysis of Factors Affecting Infant Mortality Rate (IMR) Based on Sanitation and Health Indicators as a Basis for Evaluation of Achievement of SDGs Targets in North Sulawesi Province.*	ITS Local Fund 2019
10	2020	Analisis Perilaku Beresiko Seks Pra-Nikah dan Mengkonsumsi Napza Remaja di Jawa Timur Menggunakan Bivariate Random Forest *Analysis of Premarital Sex Risk Behavior and Teenage Drug Consumption in East Java Using Bivariate Random Forest*	Cooperation Fund

D. Social Service Experiences

No.	Year	Title
1	2014	Pembinaan dan pemetaan keterampilan kelompok anak jalanan binaan di Surabaya *Coaching and mapping the skills of the assisted street children in Surabaya*

No.	Year	Title
2	2015	Pelatihan analisis data untuk pelaku perbankan Syariah di Jawa Timur *Data analysis training for Islamic banking customers in East Java*
3	2016	Peningkatan kompetensi guru MAN 1 Sidoarjo dalam proses belajar mengajar pada mata pelajaran eksak berbasis IT dan media pembelajaran yang interaktif *Improving the competence of MAN 1 Sidoarjo teachers in the teaching and learning process on IT-based exact subjects and interactive learning media*
4	2017	Pelatihan Pembelajaran Eksak Berbasis Teknologi Informasi dan Komunikasi di SMA Muhammadiyah 1 Gresik *Information and Communication Technology-Based Exact Learning Training at SMA Muhammadiyah 1 Gresik*
5	2017	Pelatihan Metodologi Penelitian Untuk Dosen Universitas Darul Ulum, Jombang *Research Methodology Training for Darul Ulum University Lecturers, Jombang*
6	2018	Pelatihan Tata Cara Penyusunan Proposal Penelitian Dana Ristek Dikti Untuk Dosen Undar Jombang *Training on the Preparation of Research Proposals for Research and Technology Funds for Dikti for Undar Jombang Lecturers*
7	2019	Analisis Tingkat Kepuasan Pasien Terhadap Kualitas Pelayanan Kesehatan di Medical Center ITS *Analysis of Patient Satisfaction Levels on the Quality of Health Services at ITS Medical Center*
8	2019	Pelatihan IT di Kecamatan Bulak *IT Training in Bulak District*
9	2019	Pelatihan Metodologi Penelitian Untuk Dosen Stikom - Surabaya *Research Methodology Training for STIKOM Lecturers - Surabaya*
10	2020	Analisis Lanjut Survei Akuntabilitas Program (SKAP) 2019 oleh BKKBN Jawa Timur *Further Analysis of the 2019 Program Accountability Survey (SKAP) by the East Java BKKBN*
11	2020	Pelatihan Penulisan Proposal Penelitian Dana DIKTI Untuk Dosen Universitas Dinamika, Surabaya. *Training on Writing DIKTI Fund Research Proposals for Dinamika University Lecturers, Surabaya.*
12	2020	Penyusunan Data Offisial Bidang Kependudukan Berbasis Aplikasi Sederhana Excel Dashboard di Kelurahan Putat Jaya - Surabaya *Compilation of Official Population Data Based on a Simple Excel Dashboard Application in Putat Jaya Village - Surabaya*

E. Scientific Article Writing Experiences in Journals

No.	Scientific Article Subject	Journal Name	Vol/No/Year
1	Multivariate Adaptive Regression Spline (MARS) Approach For Classification of Sexually Transmitted Infections (IMS) Diseases On Commercial Sex Workers (PSK) In Moroseneng Localization	International Journal of Applied Mathematics and Statistics	Vol. 53, 2015, No. 4

No.	Scientific Article Subject	Journal Name	Vol/No/Year
2	Identification of Extreme Events in Climate Data from Multiple Sites	Procedia Engineering	Vol.125, 2015, Pages 304-310
3	Analisis Faktor-Faktor yang Mempengaruhi Produksi Padi di Provinsi Jawa Timur Menggunakan Regresi Semiparametrik Spline *Analysis of Factors Affecting Rice Production in East Java Province Using Spline Semiparametric Regression*	Jurnal Sains dan Seni ITS	Vol. 5, 2016, No. 2
4	Multiresponse semiparametric regression for modeling the effect of regional socio-economic variables on the use of information technology	AIP Conference Proceedings	Vol. 1825, Issue 1
5	Modeling of infant mortality in West Sulawesi using zero inflated poisson regression method	Journal of Physics : Conference Series	Journal of Physics: Conference Series, Volume 1490: 012011 J.Phys.:Conf. Ser. 1490 012011 https://doi.org/10.1088/1742-6596/1490/1/012011
6	Modeling of toddler stunting in the Province of East Nusa Tenggara using Multivariate Adaptive Regression Splines (MARS) method	Journal of Physics: Conference Series	Journal of Physics Conference Series 1490:012013 DOI: 10.1088/1742-6596/1490/1/012013
7	Grouping district/cities in Papua based poverty indicators	Journal of Physics: Conference Series	J.Phys.:Conf. Ser. 1490 012007 https://doi.org/10.1088/1742-6596/1490/1/012007
8	Grouping Districts and Cities for Environment Sanitation Indicators of SDGs Achievement in East Java	Malaysia Journal of Mathematical Sciences	
9	Modeling The Level of Open Unemployment in Central Java with	International Journal of ASTRO	Vol.12, No.1

No.	Scientific Article Subject	Journal Name	Vol/No/Year
	Multivariate Adaptive Regression Splines (MARS) Approach		
10	The Grouping of Villages on KB Supporting Indicators as a Basic Mapping for Formation Kampung KB In Surabaya	International Journal of ASTRO	Vol.12, No.1

F. Oral Scientific Article Publication on Summit / Seminar Experiences

No.	Summit Name	Scientific Article Subject	Time and Place
1.	The 8th IMT-GT 2012 Conference on Mathematic, Statistics, and Its Application (ICMSA12)	Multivariate Adaptive Regression Splines (MARS) Approach for Classification of Poverty in East Java Province	2012, Statistics and Mathematics Department ITS Surabaya
2.	International Conference Statistics and Mathematics (ICSM)	Multivariate Adaptive Regression Spline (MARS) Approach For Classification of Diseases Infected Status Sexually Transmitted Infection (IMS) On Commercial Sex Workers (PSK) In Moroseneng Localization Surabaya	2014, Statistics Department ITS Surabaya
3.	The 6th Annual Basic Science International Conference 2016 (BaSIC 2016)	Seasonal GSTAR-SUR Model Used Spatial Weight Normalization Statistical Inference of Partial Cross-Correlation	2016, Mathematics Department Universitas Brawijaya Malang
4	International Conference On Theoretical and Applied Statistics (ICTAS 2016)	The Grouping of Villages Based on KB Supporting Indicators As a Basic Mapping for Formation Kampung KB in Surabaya	2016, Statistics Department ITS Surabaya
5	International Conference On Theoretical and Applied Statistics (ICTAS 2016)	Modeling The Level Open Unemployment In Cities/Districts Central Java Province With Multivariate Adaptive Regression Splines (MARS) Approach	2016, Statistics Department ITS Surabaya
6	National Seminar on Mathematics and Natural Sciences (SemNas MIPA)	Pengelompokan Perguruan Tinggi Negeri di Indonesia Berbasis Kualitas Pendidikan dengan Metode Ensemble Robust Clustering Using Links *Grouping of State Universities in Indonesia Based on Quality of Education with the Ensemble Robust Clustering Method Using Links*	2017, Faculty Mathematics and Science Universitas Padjajaran

No.	Summit Name	Scientific Article Subject	Time and Place
7	National Seminar on Mathematics and Natural Sciences (SemNas MIPA)	Pengelompokan Perguruan Tinggi Negeri di Indonesia Berdasarkan Kualitas dan Kategori Menggunakan Ensemble Robust Clustering Using Links *Grouping of State Universities in Indonesia Based on Quality and Category Using Ensemble Robust Clustering Using Links*	2017, Faculty Mathematics and Science Universitas Padjajaran
8	National Seminar on Mathematics and Natural Sciences (SemNas MIPA)	Pengelompokan Prodi S1 di PTN X Berdasarkan Indikator Standar Internal PTN X Menggunakan Ensemble Robust Clustering Using Links *Grouping of Undergraduate Study Programs at PTN X Based on Internal Standard Indicators of PTN X Using Ensemble Robust Clustering Using Links*	2017, Faculty Mathematics and Science Universitas Padjajaran
9	International Seminar on Mathematics in Industry & International Conference on Theoretical and Applied Statistics	Modeling of Clean Water Consumption using Tobit Double Hurdle Model	2018, UTM Kuala Lumpur (UTMKL), Malaysia
10	International Seminar on Mathematics in Industry & International Conference on Theoretical and Applied Statistics	Grouping Districts/Cities Based on Environment Sanitation Indicators As Basic Evaluation of SDGs Goals Achievement in East Java Province	2018, UTM Kuala Lumpur (UTMKL), Malaysia
11	Brawijaya International Conference on Multidisciplinary Sciences and Technology 2020	Analysis of Patient Satisfaction Levels On The Quality of Health Services in Medical Center ITS	2020, Universitas Brawijaya Malang, Indonesia
12	The 5th International Conference on Maritime Science and Technology	Determination of Factors that Affecting the Infant Mortality Rate (IMR) in East Nusa Tenggara	2021, STTAL

G. Book Writing Experiences

No.	Book Subject	Year	Number of Pages	Publisher

H. Training Experiences

No.	Training Subject	Date and Place	Organizer
1	myITS Classroom and Microsoft Teams for Education	18 September 2020	DPTSI - ITS
2	Microsoft OneDrive	11 September 2020	DPTSI - ITS
3	Microsoft SharePoint	3 September 2020	DPTSI - ITS
4	Machine Learning in R	17 June 2020	FMIPA Universitas Padjadjaran
5	Microsoft Teams for Meeting and e-Learning	15 June 2020	DPTSI - ITS
6	Bioinformatics and Computational Biology: A Statistician's Perspective	10 July 2020	Statistika Department ITS
7	Functional Data Analysis for Energy Consumption Modelling	12 June 2020	Statistika Department ITS
8	Kebijakan Publikasi Ilmiah Kemenristekdikti *Kemenristekdikti's Scientific Publication Policy*	3 November 2017	Kemenristekdikti & LPPI Universitas Ahmad Dahlan, Jogjakarta
9	Implementasi RIRN dan ARN Kemenristekdikti *Implementation RIRN and ARN Kemenristekdikti*	2 November 2017	Kemenristekdikti & LPPI Universitas Ahmad Dahlan, Jogjakarta
10	Pengelolaan Jurnal Ilmiah Elektronik *Electronic Scientific Journal Management*	30-31 August 2017	ITS
11	Workshop Machine Learning & Data Mining	4-6 August 2017	Information Technology Training Center Universitas Ahmad Dahlan
12	The Geospatial Statistics with R and Inla FSKM	5-6 July 2017	UITM Shah Alam
13	Pelatihan " Alternatif Assessment" *"Alternative Assessment" Training*	23 Mei 2017	ITS
14	Pelatihan "E'learning" *" E' learning" Training*	22 Mei 2017	ITS
15	Workshop " Intelectual Personal Branding"	6 Desember 2017	ITS

16	SAS Data Mining For the Classroom	19-21 January 2015	ITS
17	Workshop on Bayesian Modelling Department of Statistic	24-26 November 2014	ITS
18	Workshop Penyusunan Portfolio Jurusan Statistika FMIPA ITS *Workshop on Compiling a Portfolio of Statistics Department, FMIPA ITS*	13-16 November 2014	ITS
19	Workshop Pengembangan Mata Kuliah Daring(Share ITS) *Online Course Development Workshop (Share ITS)*	24-26 March 2014	ITS Center for Educational Development and Infrastructure Activities
20	SAS Enterprise Guide: ANOVA, Regresion, and Logistic Regression	21-22 January 2014	ITS
21	SAS Programming 1: Essentials	20 January 2014	ITS

I. Awards (From Government, association or other institutions)

No.	Award Type	Awarding Institution	Year

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Surabaya, 3 August 2021

(Erma Oktania Permatasari, S.Si., M.Si)

CURRICULUM VITAE

Novri Suhermi, S.Si, M.Si

NIP	1992201711035	
Email	novri[at]statistika.its.ac.id	
Profil	Scholar Scopus Resits Sinta	
Pendidikan	S1 ITS	Statistika
	S2 ITS	Statistika
	S3 Lancaster University	(on going)
Laboratorium	Statistika Bisnis dan Industri	
Bidang Keahlian	Time Series, Forecasting, Machine Learning, Neural Network, Data Analytics	

https://www.its.ac.id/statistika/dosen-staff/daftar-dosen/novri-s/

A. Personal Identity

1	**Name**	**Novri Suhermi, S.Si, M.Si**
2	Sex	Male
3	Functional Position	Expert Assistant
4	Staff ID Number	1992201711035
5	National Lecturer Identification Number	0002119201
6	Place and date of birth	Pekanbaru, 2 November 1992
7	Email	novri@statistika.its.ac.id
8	Phone Number	081318548102
9	Office Address	Department of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	
11	H- Scopus index	**2**
12	Authorship Indexing	**Google Scholar :** https://scholar.google.com/citations?hl=id&user=f13VxpsAAAAJ **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=57202599410
13	Subjects taught	

B. Education Background

	Bachelor	Master	Doctorate
College Name	ITS	ITS	
Field of Study	Statistics	Statistics	
Entry-Graduate Year	2014	2017	

C. Research Experiences

No.	Year	Research Title	Source of funds
1	2019 - 2022	Characterising the influence of stakeholders on building energy consumption	ESRC United Kingdom
2	2019 - 2021	Pengembangan Model Peramalan Data Spatio-Temporal Multi Output Berdasarkan Pendekatan Multivariate GSTAR dan Deep Learning *Development of Multi-Output Spatio-Temporal Data Forecasting Model Based on GSTAR Multivariate Approach and Deep Learning*	PDUPT DIKTI
3	2018	Pengembangan Metode Optimasi Arsitektur Model Deep Neural Network untuk Peramalan Gerak Roll *Development of Deep Neural Network Model Architecture Optimization Methods for Forecasting Roll Motion*	Local Fund ITS

D. Social Service Experiences

No.	Year	Title
1	2020	Workshop Pengendalian Kualitas Statistika Dasar bagi staf Quality Assurance PT Semen Indonesia (Persero) Tbk *Basic Statistics Quality Control Workshop for Quality Assurance staff of PT Semen Indonesia (Persero) Tbk*
2	2019	Peningkatan Kemampuan Pembelajaran Berbasis ICT dan Sains Data bagi guru-guru TK Muslimat NU se-Kabupaten Lamongan *Improving ICT-Based Learning Ability and Data Science for Muslimat NU Kindergarten teachers throughout Lamongan Regency*
3	2018	Monitoring Kualitas Produksi Air Minum PDAM Kabupaten Lamongan, Abmas dana ITS *Monitoring the Quality of Drinking Water Production of PDAM Lamongan Regency, Abmas funded by ITS*
4	2018	Pelatihan "Classification Method Machine Learning Structural Equation Modeling" *"Classification Method Machine Learning Structural Equation Modeling" Training*
5	2018	Kegiatan "Workshop on Statistical Machine Learning using R and Python" *Event "Workshop on Statistical Machine Learning using R and Python"*
6	2018	Kegiatan "Statistics Software Training (SST)"

No.	Year	Title
		Event "Statistics Software Training (SST)"
7	2018	Pengabdian Masyarakat Motivasi Pentingnya belajar Sains, Seni dan Teknologi di SMAIT Al - Uswah Surabaya sebagai wujud Pra Tugas Dosen Non PNS ITS Tahun 2018 *Community Service Motivation The importance of learning Science, Arts and Technology at SMAIT Al - Uswah Surabaya as a form of Pre-Assignment for ITS Non-PNS Lecturers in 2018*

E. Scientific Article Writing Experiences in Journals

No.	Scientific Article Subject	Journal Name	Vol/No/Year
1	Survival Support Vector Machines: A Simulation Study and Its Health-Related Application	Supervised and Unsupervised Learning for Data Science (book chapter)	
2	Forecasting the Search Trend of Muslim Clothing in Indonesia on Google Trends Data Using ARIMAX and Neural Network	Communications in Computer and Information Science	Vol 1100
3	Diagram Kendali MEWMV dan MEWMA Berbasis model Time Series Pada Data BerautokorelasiI: Studi Kasus Gula Kristal Putih *MEWMV And MEWMA Control Diagram Based On Time Series Model On Autocorrelated Data: A Case Study Of White Crystal Sugar*	*MEDIA STATISTIKA*	12(1)
4	VAR and GSTAR-Based Feature Selection in Support Vector Regression for Multivariate Spatio-Temporal Forecasting	Communications in Computer and Information Science	Vol 937
5	Feature and Architecture Selection on Deep Feedforward Network for Roll Motion Time Series Prediction	Communications in Computer and Information Science	*Vol 937*
6	Pemilihan Arsitektur Terbaik pada Model Deep Learning Melalui Pendekatan Desain Eksperimen untuk Peramalan Deret Waktu Nonlinier *Selection of the Best Architecture in Deep Learning Models Through Experimental Design Approach for Nonlinear Time Series Forecasting*	*STATISTIKA: Journal of Theoretical Statistics and Its Applications*	*Vol 18*

F. Oral Scientific Article Publication on Summit / Seminar Experiences

No.	Summit Name	Scientific Article Subject	Time and Place
1.	40th International Symposium on Forecasting (Virtual Conference)	Building Energy Consumption Forecasting via Functional Data Approach	Online 2020
2.	ISICT2019	Hybrid ARIMAX-DLNN for Short Term Load Forecasting in Bali Island	Surabaya 2019
3.	ISMI-ICTAS18	Multivariate Time Series Forecasting using Hybrid Vector Autoregressive and Neural Network for Coupled Roll-Sway-Yaw Motions Prediction	Kuala Lumpur 2018
4	The 4th International Conference on Soft Computing in Data Science 2018 (SCDS2018)	The 4th International Conference on Soft Computing in Data Science 2018 (SCDS2018)	Bangkok 2018
5	INNS Big Data and Deep Learning Conference 2018	Roll Motion Prediction using a Hybrid Deep Learning and ARIMA model	Bali 2018
6	Seminar Nasional Statistika dan Aplikasinya *National Seminar on Statistics and Its Application*	Pemilihan Arsitektur Terbaik pada Model Deep Learning Melalui Pendekatan Desain Eksperimen untuk Peramalan Deret Waktu Nonlinier *Selection of the Best Architecture in Deep Learning Models Through Experimental Design Approach for Nonlinear Time Series Forecasting*	Makassar 2018
7	Python Conference (PyCon) 2017	Time Series Forecasting Using Python	Surabaya 2017

G. Book Writing Experiences

No.	Book Subject	Year	Number of Pages	Publisher

H. Training Experiences

No.	Training Subject	Date and Place	Organizer

I. Awards (From Government, association or other institutions)

No.	Award Type	Awarding Institution	Year
1			
2			

All the data I filled and listed in this biodata is true and can be accounted for by law. If later found inconsistency with the reality, I am willing to accept the risk.

Surabaya, 3 August 2021

(Novri Suhermi, S.Si, M.Si.)

CURRICULUM VITAE

Neni Alya Firdausanti, S.Si., M. Stat.

NIP	19950701 202012 2 029	
Email	neni.alya@its.ac.id	
Profil		
Pendidikan	S1 ITS	Statistika
	S2 ITS	Statistika
Laboratorium	Analitika Data. Ekonomi, dan Finansial	
Bidang Keahlian	Machine Learning	
	Komputasi Statistika	
	Algoritma Otomasi	

https://www.its.ac.id/statistika/5733-2/

A. Personal Identity

1	**Name**	**Neni Alya Firdausanti, S.Si, M.Stat**
2	Sex	Female
3	Functional Position	
4	Staff ID Number	19950701 202012 2 029
5	National Lecturer Identification Number	0001079501
6	Place and date of birth	Paniai, July 1, 1995
7	Email	neni.alya@its.ac.id / nenialya2@gmail.com
8	Phone Number	085852112307
9	Office Address	Department of Statistics, Kampus ITS,Sukolilo, Surabaya – 60111
10	Phone Number / Fax	(031)5943352 / Fax. (031)5922940
11	H- Scopus index	0
12	Authorship Indexing	**Google Scholar :** https://scholar.google.com/citations?hl=en&user=2jyH-I0AAAAJ **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=57213186590
13	Subjects taught	1. Mathematical Statistics I
		2. Explorative Data Analysis
		3. Experimental Design
		4. Computer Programming
		5. Statistical Computation

B. Education Background

	Bachelor	Master	Doctorate
College Name	Institut Teknologi Sepuluh Nopember, Surabaya	Institut Teknologi Sepuluh Nopember, Surabaya	
Field of Study	Statistics	Statistics	
Entry-Graduate Year	2013-2017	2017-2019	

C. Scientific Article Writing Experiences in Journals (last three years)

No.	Scientific Article Subject	Journal Name	Vol/No/Year
1	On the Comparison of Crazy Particle Swarm Optimization and Advanced Binary Ant Colony Optimization for Feature Selection on High-Dimensional Data	Procedia Computer Science	2019, 161, pages 638-646, https://doi.org/10.1016/j.procs.2019.11.167.
2	Ant Colony Optimizatopm and Crazy Particle Swarm Optimization for Support Vector Machine Classification on High-dimensional Dataset	AIP Conference Proceeding	2019, https://doi.org/10.10635/1.5139759
3	Genetic Algorithm and Particle Swarm Optimization for Parameter Optimization of Least-Square Support Vector Regression Model in Electricity Load Demand Forecasting	IOP Conference Series: Materials Science and Engineering	2021, doi:10.1088/1757-899X/1117/1/012028

D. Training Experiences

No.	Training Subject	Date and Place	Organizer
1	Remote Learning Adobe Product Workshop	February 18 – March 4, 2021, Institut Teknologi Sepuluh Nopember, Surabaya	Directorate of Technology Development & Information Systems
2	Microsoft Power Platform Workshop	March 5-19, 2021, Institut Teknologi Sepuluh Nopember, Surabaya	Directorate of Technology Development & Information Systems

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Surabaya, 3 August 2021

(Neni Alya Firdausanti, S.Si, M.Stat)