

Staff Handbook

Name	Prof. Kismiantini, S.Si., M.Si., Ph.D.		
Post	Statistics		
Academic career	Undergraduate Degree	Universitas Negeri Yogyakarta	2001
	Master Degree	Institut Pertanian Bogor	2007
	Doctoral Degree	University of Nebraska-Lincoln	2017
Employment	Position: Lecturer	Employer: UNY	Period: 2001-Present
Research and development projects over the last 5 years	Peran guru terhadap kemampuan matematika siswa Indonesia: Perbandingan PISA 2012 dan PISA 2022 dengan analisis multilevel (The role of teachers in the mathematical abilities of Indonesian students: Comparison of PISA 2012 and PISA 2022 with multilevel analysis) Year: 2025 Partners: Ezra Putranda Setiawan, Andika Putri Ratnasari Amount of financing: Rp. 55.000.000,- Komparasi faktor-faktor yang memengaruhi capaian matematika siswa Indonesia, Malaysia, dan Singapura: Pendekatan SEM berdasarkan PISA 2022 (Comparison of factors influencing mathematics achievement of Indonesian, Malaysian, and Singaporean students: SEM approach based on PISA 2022) Year: 2025 Partners: Ezra Putranda Setiawan, Andika Putri Ratnasari, Lutfiah Maharani Siniwi Amount of financing: Rp. 24.000.000,- Pengaruh kepercayaan diri, motivasi diri, dan disposisi matematika terhadap capaian matematika siswa Indonesia berdasarkan PISA 2022 dengan pemodelan persamaan struktural (The influence of self-confidence, self-motivation, and mathematical disposition on Indonesian students' mathematics achievement based on PISA 2022 using structural equation modeling) Year: 2024 Partners: Ezra Putranda Setiawan, Andika Putri Ratnasari Amount of financing: Rp 45.000.000,- Pemodelan multilevel pada pengaruh siswa tinggal kelas terhadap capaian matematika berdasarkan data PISA 2015-2022 Indonesia (Multilevel modeling of the effect of repeated grades on mathematics achievement based on Indonesian PISA 2015-2022 data) Year: 2024 Partners: Ezra Putranda Setiawan, Andika Putri Ratnasari Amount of financing: Rp 18.000.000,- Analisis multilevel dalam hubungan pola pikir berkembang dan capaian matematika siswa Indonesia yang dimoderasi oleh status sosial ekonomi (Multilevel analysis of the relationship between growth mindset and mathematics achievement of Indonesian students moderated by socioeconomic status)		

	Year: 2023 Partners: Ezra Putranda Setiawan Amount of financing: Rp 12.000.000,- 6. Multi-trait deep learning models for genome-enabled prediction of traits measured on heterogeneous scales in plant breeding Year: 2022 Partners: Osva Antonio Montesinos-López (Universidad de Colima), Bayutama Isnaini, Dhoriva Urwatul Wutsqa Amount of financing: Rp 50.000.000,- 7. Analisis multilevel prestasi matematika siswa antar jenjang berdasarkan data PISA 2012-2018 (Multilevel analysis of student mathematics achievement across levels based on 2012-2018 PISA data) Year: 2022 Partners: Ezra Putranda Setiawan Amount of financing: Rp 12.000.000,- 8. Faktor-faktor yang mempengaruhi prestasi matematika siswa sekolah menengah pertama di provinsi DIY dan DKI Jakarta: Studi komparatif dengan pemodelan multilevel (Factors influencing mathematics achievement of junior high school students in the provinces of DIY and DKI Jakarta: A comparative study using multilevel modeling) Year: 2021 Partners: Ezra Putranda Setiawan Amount of financing: Rp 12.000.000,-
Industry collaborations over the last 5 years	1. Workshop on Strengthening Data Analysis and Mathematical Modeling for Indonesian Students at The National Dong Hwa University, Taiwan Year: 2025 Partners: Nikenasih Binatari, Ezra Putranda Setiawan Amount of financing: Rp 35.000.000,- Industry collaboration: Department of Applied Mathematics, National Dong Hwa University 2. Pelatihan analisis data pendidikan dan ilmu sosial dengan program JASP (Education and social science data analysis training with the JASP program) Year: 2025 Partners: Andika Putri Ratnasari, Rizky Nur'aini Amount of financing: Rp 35.000.000,- Industry collaboration: Study Program of Mathematics Education, Universitas Sarjanawiyata Tamansiswa 3. Workshop analisis data statistik menggunakan program JASP (Statistical data analysis workshop using the JASP program) Year: 2025 Partners: Retno Subekti, Indira Ihnu Brilliant, Andika Putri Ratnasari, Lutfiah Maharani Siniwi Amount of financing: Rp 10.000.000,- Industry collaboration: Diploma Study Program of Demographics and Civil Registration, Universitas Negeri Sebelas Maret 4. Pelatihan analisis data pendidikan dan ilmu sosial dengan program JASP (Education and social science data analysis training with the JASP program) Year: 2024 Partners: Andika Putri Ratnasari, Rizky Nur'aini Amount of financing: Rp 25.000.000,-

	Industry collaboration: Study Program of Mathematics Education, Universitas Sarjanawiyata Tamansiswa 5. Workshop Inferensi Statistik dengan Pendekatan Berbasis Simulasi (Statistical Inference Workshop with Simulation-Based Approach) Year: 2024 Partners: Retno Subekti, Indira Ihnu Brilliant, Andika Putri Ratnasari Amount of financing: Rp 8.000.000,- Industry collaboration: Study Program of Mathematics, Universitas Nusa Cendana 6. Workshop analisis data secara visual dengan program R (Visual data analysis workshop with the R program) Year: 2023 Partners: Dhoriva Urwatul Wutsqa, Rosita Kusumawati, Ezra Putranda Setiawan, Bayutama Isnaini, Indira Ihnu Brilliant Amount of financing: Rp 12.000.000,- Industry collaboration: Study Program of Mathematics Education, Universitas Mercu Buana Yogyakarta 7. Survei Pemanfaatan Wifi Padukuhan di Kabupaten Sleman Tahun 2023 (Survey of Village Wi-Fi Utilization in Sleman Regency in 2023) Year: 2023 Partners: Retno Subekti, Ezra Putranda Setiawan, Bayutama Isnaini, Indira Ihnu Brilliant Amount of financing: Rp 75.000.000,- Industry collaboration: Department of Communication and Informatics of Sleman Regency 8. Workshop visualisasi data untuk penelitian bidang pendidikan dan ilmu sosial (Data visualization workshop for research in education and social sciences) Year: 2022 Partners: Dhoriva Urwatul Wutsqa, Rosita Kusumawati, Ezra Putranda Setiawan, Bayutama Isnaini Amount of financing: Rp 10.000.000,- Industry collaboration: Study Program of Statistics, Universitas Halu Oleo 9. Workshop analisis perbandingan k populasi dengan pendekatan non parametrik untuk penelitian di bidang ilmu sosial dan pendidikan (Workshop on comparative analysis of k populations with a non-parametric approach for research in the field of social sciences and education) Year: 2021 Partners: Dhoriva Urwatul Wutsqa, Rosita Kusumawati, Muhammad Fauzan, Syarifah Inayati, Ezra Putranda Setiawan Amount of financing: Rp 9.000.000,- Industry collaboration: -	
Patents and proprietary rights	1. Eksplorasi Kemampuan Matematika Siswa Indonesia dalam PISA 2022 (Exploring Indonesian Students' Mathematical Abilities in PISA 2022)	2024
	2. Manajemen Data PISA 2022 Indonesia dengan Program R (Data Management of PISA 2022 Indonesia with the R Program)	2024
	3. Manajemen Data dengan Program R	2024

	(Data Management with R Program)	
	4. Visualisasi Data dengan Perangkat Lunak R (Data Visualization with R Software)	2023
	5. Klasifikasi Biner: Regresi Logistik, Regresi Ridge Logistik, dan Regresi Lasso Logistik dengan Program R (Binary Classification: Logistic Regression, Logistic Ridge Regression, and Logistic Lasso Regression with R Program)	2023
	6. Analisis Perbandingan k Populasi dengan Pendekatan Nonparametrik (Menggunakan Program R) (Comparative Analysis of k Populations with a Nonparametric Approach (Using the R Program))	2022
	7. Analisis Regresi Logistik dengan Program R (Logistic Regression Analysis with R Program)	2021
Important publications over the last 5 years	International Journal Publications (Scopus/WoS Indexed) - Montesinos-López, O. A., Kismiantini, Alemu, A., Montesinos-López, A., Montesinos-López, J. C., & Crossa, J. (2025). Balancing sensitivity and specificity enhances top and bottom ranking in genomic prediction of cultivars. <i>Plants</i>, 14(3), 308. https://doi.org/10.3390/plants14030308 - Montesinos-López, O. A., Chavira-Flores, M., Kismiantini, Crespo-Herrera, L., Saint Pierre, C., Li, H., ... & Crossa, J. (2024). A review of multimodal deep learning methods for genomic-enabled prediction in plant breeding. <i>Genetics</i>, 228(4), iyae161. - Kismiantini, Shaharudin, S. M., Setiawan, E. P., Wutsqa, D.U., Basri, M. A. A., Mahdin, H., Mostafa, S. A. (2024). Prediction of rainfall trends using forecasting approaches based on singular spectrum analysis. <i>Journal of Intelligent Systems and Internet of Things</i>, 11(1), 29-43. doi: 10.54216/JISIoT.110104. - Montesinos-López, O. A., Kismiantini, & Montesinos-López, A. (2023). Two simple methods to improve the accuracy of the genomic selection methodology. <i>BMC genomics</i>, 24(220), 1-15. doi: 10.1186/s12864-023-09294-5. - Montesinos-López, O. A., Kismiantini, & Montesinos-López, A. (2023). Designing optimal training sets for genomic prediction using adversarial validation with probit regression. <i>Plant Breeding</i>, 142(5), 594-606. doi: 10.1111/pbr.13124. - Kismiantini, Montesinos-López, A., Cano-Páez, B., Montesinos-López, J.C., Chavira-Flores, M., Montesinos-López, O.A., & Crossa, J. A. (2022). A multi-trait gaussian kernel genomic prediction model under three tuning strategies. <i>Genes</i>, 13, 2279. doi: 10.3390/genes13122279 - Susanti, S., Pierewan, A. C., Kismiantini, K., & Aripin, S. (2022). What makes Indonesians satisfied with their health? a multilevel analysis. <i>SAGE Open</i>, 12(3), 1-14. doi: 10.1177/21582440221121722 - Montesinos-López, O. A., Montesinos-López, A., Kismiantini, Roman-Gallardo, A., Gardner, K., Lillemo, M., Fritsche-Neto, R., & Crossa, J. (2022). Partial least squares enhances genomic prediction of new environments. <i>Frontiers in Genetics</i>, 13:920689. doi: 10.3389/fgene.2022.920689	

9. Wutsqa, D.U., Kurniawati, E., Andayani, S., & Kismiantini. (2021). Landslide susceptibility mapping using fuzzy c-means and fuzzy c-modes methods in Wonosobo regency, Indonesia. *Advances in Dynamical Systems and Applications [ADSA]*, 16(2), 639-656.
10. Ahmad Basri, M.A.; Shahrudin, S.M.; Kismiantini; Tan, M.L.; Mohd Najib, S.A.; Zainuddin, N.H.; Andayani, S. (2021). Regionalization of rainfall regimes using hybrid rf-bs couple with multivariate approaches. *ISPRS International Journal of Geo-Information*, 10(10), 1-20. doi: 10.3390/ijgi10100689
11. Nor, S. M. C. M., Shahrudin, S. M., Ismail, S., & Kismiantini. (2021). A RPCA-based Tukey's biweight for clustering identification on extreme rainfall data. *Environment and Ecology Research*, 9(3), 114-118. doi: 10.13189/eer.2021.090303.
12. Kismiantini, Setiawan, E. P., Pierewan, A. C., Montesinos-López, O. A. (2021). Growth mindset, school context, and mathematics achievement in Indonesia: A multilevel model. *Journal on Mathematics Education*, 12(2), 279-294. doi: 10.22342/jme.12.2.13690.279-294
13. Kismiantini, Montesinos-López, O. A., Crossa, J., Setiawan, E. P., Wutsqa, D. U. (2021). Prediction of count phenotypes using high-resolution images and genomic data. *G3 Genes|Genomes|Genetics*, 11(2), jkab035. doi: 10.1093/g3journal/jkab035.

International Journal Publications (Copernicus/Ulrich/EBSCO Indexed)

1. Setiawan, E. P. & Kismiantini. (2025). Students' grades, growth mindset, and mathematics performance: PISA results in Southeast Asia and Australia. *Journal of Mathematics and Science Teacher*, 5(1), em076. <https://doi.org/10.29333/mathsciteacher/15999>
2. Purwoko, M. A. H. F., & Kismiantini, K. (2024). Analyzing the relationship between belief in God and life satisfaction in Asian countries using multilevel modeling. *World Journal of Advanced Research and Reviews*, 23(2), 1301-1311.
3. Luthfi, Z. J. & Kismiantini. (2024). A multilevel analysis of factors influencing bullying victimization at school among Indonesian students with binary outcome. *International Journal of Scientific Research and Management*, 12(7), 486-498.

National Journal Publications (SINTA Indexed)

1. Mufid, N. A., & Kismiantini, K. (2024). Analisis kualitas tidur penduduk usia produktif di Indonesia dengan model regresi logistik ordinal. *Indonesian Journal of Applied Statistics*, 7(2), 98-111.
2. Setiawan, E. P., Kismiantini, K., & Montesinos-López, O. A. (2024). How economics-socio-cultural status affect Indonesian students' performance in mathematics? An insight from PISA 2012-2022. *Jurnal Pendidikan Progresif*, 14(3), 1800-1816.
3. Kismiantini, K., & Setiawan, E. P. (2024). Examining mathematics achievement of students from different provinces: What PISA 2018 says about Indonesia?. *Southeast Asian Mathematics Education Journal*, 14(1), 15-30.
4. Wutsqa, D. U., Kismiantini, Kusumawati, R., Subekti, R., Setiawan, E. P., Isnaini, B. & Brilliant, I. I. (2024). Workshop analisis data secara visual dengan program R. *Jurnal Pengabdian Masyarakat MIPA dan Pendidikan MIPA*, 8(2), 74-82.

5. Viryanto, F. A., & Kismiantini, K. (2024). Analisis pengaruh instruksi pengarahan guru terhadap capaian matematika siswa indonesia dengan model mediasi analisis jalur. *PYTHAGORAS Jurnal Matematika Pendidikan Matematika*, 19(1), 1-17.
6. Agustina, T. R., Kismiantini, K., & Radite, R. (2024). The effect of mathematical problem-solving ability and mathematics self-concept on learning achievement. *Jurnal Riset Pendidikan Matematika*, 11(1), 27-40.
7. Hilmi, I. & Kismiantini. (2024). Teacher competencies, the shortage of school resources and mathematics achievement based on PISA 2018 Indonesia. *Jurnal Pendidikan Matematika*, 18(2), 245-258.
8. Fridiyani, E. & Kismiantini. (2024). Analisis faktor-faktor yang memengaruhi status diabetes mellitus pada pra lansia dan lansia di Indonesia menggunakan model regresi logistik biner. *Statistika*, 24(1), 54-64. <https://doi.org/10.29313/statistika.v24i1.3319>
9. Dhewi, O. R., & Kismiantini. (2024). Factors affecting the happiness level in Southeast Asia countries with a multilevel approach. *Jurnal Natural*, 24(1), 43-49.
10. Yuniar, P., & Kismiantini. (2023). Analisis sentimen ulasan pada Gojek menggunakan metode Naïve Bayes. *Statistika*, 23(2), 164-175. doi: 10.29313/statistika.v23i2.2353.
11. Anggraheni, F. Y., Kismiantini, K., & Wijaya, A. (2023). Analysis of metacognition ability to solve mathematics problem. *Southeast Asian Mathematics Education Journal*, 13(1), 19-30. doi: 10.46517/seamej.v13i1.183
12. Wutsqa, D. U., Kismiantini, K., Kusumawati, R., Setiawan, E. P., & Isnaini, B. (2023). Workshop visualisasi data untuk penelitian ilmu sosial dan pendidikan. *Jurnal Pengabdian Masyarakat MIPA dan Pendidikan MIPA*, 7(1), 16-25. doi: 10.21831/jpmmp.v7i1.54412
13. Kusumawati, R., Wutsqa, D. U., Kismiantini, S., Inayati, S., Fauzan, M., Setiawan, E. P., & Isnaini, B. (2022). Workshop analisis perbandingan k populasi dengan pendekatan nonparametrik untuk penelitian ilmu sosial dan pendidikan. *Jurnal Pengabdian Masyarakat MIPA dan Pendidikan MIPA*, 6(2), 84-91.
14. Anggraheni, F. Y., Kismiantini, K., & Ediyanto, F. (2022). Multilevel model analysis to investigate predictor variables in mathematics achievement PISA data. *Southeast Asian Mathematics Education Journal*, 12(2), 95-104. doi: 10.46517/seamej.v12i2.184
15. Kismiantini, Husniyah, F., Montesinos-López, O.A. (2021). Drought-prone areas mapping using fuzzy c-means method in Gunungkidul district. *PYTHAGORAS: Jurnal Pendidikan Matematika*, 16(2), 217-232. doi: 10.21831/pythagoras.v16i2.43780
16. Wutsqa, D. U., Kismiantini, Fauzan, M., Kusumawati, R., Sahid, & Inayati, S. (2021). Workshop analisis faktor untuk data penelitian ilmu sosial dan kependidikan. *Jurnal Pengabdian Masyarakat MIPA dan Pendidikan MIPA*, 5(1), 37-46. doi: 10.21831/jpmmp.v5i1.35218

National Journal Publications (Non-Indexed)

1. Permana, R. S., Kismiantini, K., & Setiawan, E. P. (2024). Pemodelan indeks pembangunan manusia di provinsi Jawa Tengah tahun 2022 menggunakan model regresi spasial dengan pembobot queen contiguity dan k-nearest neighbor. *Jurnal Statistika dan Sains Data*, 1(2), 48-64.

2. Langiran, A., Kismiantini, K., & Setiawan, E. P. (2023). Penerapan model regresi spasial dalam menentukan faktor-faktor yang memengaruhi indeks pembangunan manusia di kabupaten/kota pulau Kalimantan. *Jurnal Statistika dan Sains Data*, 1(1), 1-9.
3. Gunandi, A., & Kismiantini, K. (2023). Penerapan analisis jalur pada faktor-faktor yang memengaruhi indeks pembangunan manusia di Indonesia. *Jurnal Statistika dan Sains Data*, 1(1), 20-39.

International Conference Proceedings (Scopus Indexed)

1. Efendi, R., Kismiantini, K., & Krisnamurti, A. W. (2024, April). Analysis of PISA 2018 results in Indonesia: Perspective of ICT resources, books, grade repetition and school background. In *AIP Conference Proceedings* (Vol. 2622, No. 1). AIP Publishing.
2. Gupitasari, V., & Kismiantini, K. (2024, April). The relationship between perseverance and openness to problem-solving in mathematics achievement based on Pisa 2012 Indonesia data. In *AIP Conference Proceedings* (Vol. 2622, No. 1). AIP Publishing.
3. Wutsqa, D. U., Ningrum, S. D. F., Kismiantini, K., & Subekti, R. (2024, April). Social welfare mapping using the fuzzy C-means clustering algorithm in Bantul Regency. In *AIP Conference Proceedings* (Vol. 2622, No. 1). AIP Publishing.
4. Ramadhan, K. A., & Kismiantini, K. (2024, April). The impact of student resilience, goal orientation and digital learning on students' mathematic achievement: Analysis of PISA 2018 data. In *AIP Conference Proceedings* (Vol. 2622, No. 1). AIP Publishing.
5. Ravita, L. A., & Kismiantini, K. (2024, April). The relationship of instrumental motivation, self-efficacy, mathematics work ethic, teacher morale and teacher grouping ability to PISA 2012 mathematics achievement of Indonesia students. In *AIP Conference Proceedings* (Vol. 2622, No. 1). AIP Publishing.
6. Setiawan, A., Fitri, A. A., Sa'adah, N., Az-Zuhry, N., & Kismiantini, K. (2024, April). Multilevel logistic regression analysis on determinants of adult stroke incidence in Indonesia. In *AIP Conference Proceedings* (Vol. 2622, No. 1). AIP Publishing.
7. Sari, I. N., & Kismiantini. (2023). The school climate in mathematics achievement: Findings from PISA 2018 Indonesia. *AIP Conference Proceedings* (Vol. 2556, No. 1, p. 050010). AIP Publishing LLC.
8. Chusna, D. S. A., & Kismiantini. (2023). The role of student's perseverance, mathematics work ethic, and modern school qualification towards mathematics achievement in PISA 2018 Indonesia. *AIP Conference Proceedings* (Vol. 2556, No. 1, p. 050009). AIP Publishing LLC.
9. Arifin, Z. A. I., & Kismiantini. (2023). Gender differences in mathematics anxiety and relation to mathematics achievement of Indonesian students. *AIP Conference Proceedings* (Vol. 2556, No. 1, p. 050017). AIP Publishing LLC.
10. Ridwan, & Kismiantini. (2023). The effects of students' cooperative attitudes, competitive attitudes, and teachers' teaching styles on students' mathematics achievement: Indonesian case from PISA 2018. *AIP Conference Proceedings* (Vol. 2556, No. 1, p. 050015). AIP Publishing LLC.
11. Tafuzie, I., & Kismiantini. (2023). Mathematics achievement based on student self-efficacy, parental support, ability grouping and school status on PISA 2018 in Indonesia. *AIP Conference Proceedings* (Vol. 2556, No. 1, p. 050011). AIP Publishing LLC.
12. Muflihah, L. W., & Kismiantini. (2023). Analysis of PISA 2018: How student engagement and teacher support affects mathematics achievement in Indonesia. *AIP Conference Proceedings* (Vol. 2556, No. 1, p. 050012). AIP Publishing LLC.

13. Rosyid, A., & Kismiantini. (2023). *The role of attitude and school quality toward mathematics achievement based on PISA data 2018 Indonesia*. AIP Conference Proceedings (Vol. 2556, No. 1, p. 050007). AIP Publishing LLC.
14. Amalia, R. & Kismiantini. (2022). *Analysis of the effect of smoking and exercise habits on coronary heart disease in Indonesia using logistic regression*. AIP Conference Proceedings, 2575, 070004-1-070004-7. <https://doi.org/10.1063/5.0111575>
15. Kismiantini, Setiawan, E.P., Setiawan, A., and Albarr, H. (2022). *Application of multivariate regression analysis for assessing the relationship of students' backgrounds to students' achievements*. AIP Conference Proceedings, 2575, 070003-1-070003-8. <https://doi.org/10.1063/5.0107792>
16. Krisnamurti, A.W. & Kismiantini. (2022). *PISA 2018: Non-cognitive factors and school characteristics towards mathematics achievement in Indonesia*. AIP Conference Proceedings, 2575, 050002-1-050002-7. <https://doi.org/10.1063/5.0107787>
17. Efendi, R. & Kismiantini. (2022). *Analysis of PISA 2018 results in Indonesia: Perspective of socioeconomic status and school resources*. AIP Conference Proceedings, 2575, 040020-1-040020-7. <https://doi.org/10.1063/5.0108065>
18. Samnufida, R. & Kismiantini. (2022). *How school size and student teacher ratio affecting the students' mathematics achievement*. AIP Conference Proceedings, 2575, 040019-1-040019-6. <https://doi.org/10.1063/5.0130178>
19. Anggraheni, F.Y. & Kismiantini. (2022). *Relationships of metacognition and learning time to mathematics achievement-PISA 2018 findings in Indonesia*. AIP Conference Proceedings, 2575, 040013-1-040013-7. <https://doi.org/10.1063/5.0108028>
20. Kusdinar, A. & Kismiantini. (2022). *The role of students' non-cognitive factors and school resources in predicting mathematics achievement using PISA 2018 Indonesia data*. AIP Conference Proceedings, 2575, 040005-1-040005-6. <https://doi.org/10.1063/5.0111125>
21. Rahmawati, D. & Kismiantini. (2022). *Gender differences in mathematics achievement, competitiveness, fear of failure, and resilience: Analysis of PISA 2018 in Indonesia*. AIP Conference Proceedings, 2575, 040004-1-040004-6. <https://doi.org/10.1063/5.0107819>

National Conference Proceedings

1. Khoirunnisa, A., Wibowo, F. A. S., & Kismiantini, K. (2023, March). *Perbandingan Analisis Agglomerative Hierarchical Clustering Berdasarkan Indikator Pendidikan di Provinsi Jawa Barat*. Prosiding Seminar Pendidikan Matematika dan Matematika, 7(1):1-14.
2. Putri Puspita Sari & Kismiantini. (2022). *Pengelompokan kecamatan berdasarkan alat kontrasepsi menggunakan algoritma k-means (Studi kasus kecamatan di provinsi DI Yogyakarta)*. Prosiding Seminar Nasional Official Statistics 2022. ISSN: 2772-1970. Available at <https://prosiding.stis.ac.id/index.php/semnasoffstat/article/view/1134/40>
3. Putri, Faradila Ilana; Damayanti, Retno; Kismiantini, Kismiantini. (2022). *Penerapan Algoritma K-Means Untuk Mengelompokan Kecamatan Di Kabupaten Gunungkidul Berdasarkan Program Keluarga Harapan*. Prosiding Seminar Nasional Matematika, Statistika, dan Aplikasinya, [S.l.], v. 2, may 2022. ISSN 2657-232X. Available at: <<http://jurnal.fmipa.unmul.ac.id/index.php/SNMSA/article/view/919>>.
4. Azkia, Qatrunnada; Kismiantini, Kismiantini; Setiawan, Ezra Putranda. (2022). *Pemodelan Gizi Buruk Pada Balita Di Provinsi Jawa Timur*

	Menggunakan Geographically Weighted Regression (GWR). Prosiding Seminar Nasional Matematika, Statistika, dan Aplikasinya, [S.l.], v. 2, may 2022. ISSN 2657-232X. Available at: <http://jurnal.fmipa.unmul.ac.id/index.php/SNMSA/article/view/842>. 5. Permana, Ryan Sidiq; Kismiantini, Kismiantini; Setiawan, Ezra Putranda. (2022). Pemodelan prevalensi gizi buruk pada balita di Kalimantan Tengah menggunakan Geographically Weighted Regression. Prosiding Seminar Nasional Matematika, Statistika, dan Aplikasinya, [S.l.], v. 2, may 2022. ISSN 2657-232X. Available at: <http://jurnal.fmipa.unmul.ac.id/index.php/SNMSA/article/view/896>. 6. Langiran, Andriati; Kismiantini, Kismiantini; Setiawan, Ezra Putranda. (2022). Identifikasi faktor-faktor yang memengaruhi indeks pembangunan manusia (IPM) di Kalimantan Barat tahun 2020 menggunakan Geographically Weighted Regression. Prosiding Seminar Nasional Matematika, Statistika, dan Aplikasinya, [S.l.], v. 2, may 2022. ISSN 2657-232X. Available at: <http://jurnal.fmipa.unmul.ac.id/index.php/SNMSA/article/view/895>. 7. Khariyani, Angeliya Milla; Kismiantini, Kismiantini; Setiawan, Ezra Putranda. (2022). Analisis faktor-faktor yang memengaruhi jumlah penderita tuberkulosis menggunakan Geographically Weighted Regression di Provinsi Jawa Timur. Prosiding Seminar Nasional Matematika, Statistika, dan Aplikasinya, [S.l.], v. 2, may 2022. ISSN 2657-232X. Available at: <http://jurnal.fmipa.unmul.ac.id/index.php/SNMSA/article/view/894>.		
Activities in specialist bodies over the last 5 years	<i>Organisation</i> FORSTAT FORSTAT	<i>Role</i> Coordinator of Education Section Coordinator of Education Section	<i>Period</i> 2024-2026 2022-2024