

DAFTAR PUSTAKA

- Adi Manggala, G., Bambang Irawan, A., Eko Nugroho, N., Tiara Anasstasia, T., & Utami, A. 2023. Analisis Kualitas Udara Ambien Berdasarkan Indeks Standar Pencemar Udara (ISPU) di Area Tambang Tanah Liat PT X, Kabupaten Tuban, Jawa Timur. *Jurnal Teknik Lingkungan Kebumihan*.
- Afrinaldi, K., Maiyastri, & Asdi, Y. 2023. Perbandingan Bagan Kendali T^2 Hotelling Klasik dengan T^2 Hotelling Pendekatan Bootstrap pada Data Berdistribusi Non-Normal Multivariat. *Jurnal Matematika UNAND*, VI (1), 17–24.
- Andini, E., Sudarno, & Rahmawati, R. 2021. Penerapan Metode Pengendalian Kualitas MEWMA Berdasarkan ARL dengan Pendekatan Rantai Markov (Studi kasus: Batik Semarang 16). *JURNAL GAUSSIAN*, 10(1), 125–135. <https://ejournal3.undip.ac.id/index.php/gaussian/>.
- Buanawati, T. T., Huboyo, S., & Samadikun, B. P. 2017. Estimasi Emisi Pencemar Udara Konvensional (SO, NO, CO, Dan PM) Kendaraan Pribadi Berdasarkan Metode International Vehicle Emission (IVE) di Beberapa Ruas Jalan Kota Semarang. *Jurnal Teknik Lingkungan*, 6(3). <http://ejournal-s1.undip.ac.id/index.php/tlingkungan>.
- Daniel, C. 1959. *Use of Half-Normal Plots in Interpreting Factorial Two-Level Experiments*.
- Hasna, H., Nonong Amalita, Dony Permana, & Admi Salma. 2024. Random Forest Implementation for Air Pollution Standard Index Classification in DKI Jakarta 2022. *UNP Journal of Statistics and Data Science*, 2(2), 226–233. <https://doi.org/10.24036/ujsds/vol2-iss2/173>.
- Johnson, W., & Wichern. 2007. *Applied Multivariate Statistical Analysis* (6th ed.). United States of America: Pearson Education, Inc.
- Jumadil, J. 2023. Analisis Kualitas Udara di Sekitar Kampus Universitas Bosowa Makassar. *Jurnal Ilmiah Ecosystem*, 23(1), 164–171. <https://doi.org/10.35965/eco.v23i1.2514>.
- Kruba, R. 2022. Pengembangan Diagram Kontrol Multivariat Simultan untuk Pengamatan Individual. Surabaya: ITS.
- Kruba, R., Mashuri, M., & Prastyo, D. D. 2021. Max-Half-MChart: A Simultaneous Control Chart Using A Half-Normal Distribution for Subgroup Observations. *IEEE Access*, 9, 105369–105381. <https://doi.org/10.1109/ACCESS.2021.3100078>.
- Kruba, R., Mashuri, M., & Prastyo, D. D. 2021. The Effectiveness of Max-Half-MChart Over Max-Mchart in Simultaneously Monitoring Process Mean and

Variability of Individual Observation. *Quality and Reliability Engineering International*, 1-14.

- Loka, I. M. P., Khusna, H., & Aksioma, D. F. 2024. Pengendalian Kualitas Semen PCC di PT Semen Bosowa Banyuwangi Menggunakan Maximum Half-Normal Multivariate Control Chart (Max-Half-MChart). *Jurnal Inferensi*, 7(1), 41. <https://doi.org/10.12962/j27213862.v7i1.16247>.
- Mahmood, T., Hyder, M., & Raza, S. M. M. 2025. Improved EWMA and CUSUM Charts Under Modified Successive Sampling for Monitoring Process Dispersion. *Journal of Statistical Theory and Applications*, 24(2), 436–468. <https://doi.org/https://doi.org/10.1007/s44199-025-00117-y>.
- Montgomery, D. C. 2020. Introduction Statistical Quality Control (Eight ed.). Arizona State University: John Wiley Sons, Inc.
- Nadila, M., Suswardji, E., Aditya, R., & Putra, K. 2021. Analisis Pengendalian Mutu Produk Menggunakan Metode Statistical Process Control (SPC) pada PT Outdoor Footwear Networks. *Manajerial*, 20(1), 87. <http://ejournal.upi.edu/index.php/manajerial/>.
- Naqiyyah, S. 2023. Pengendalian Kulaitas Statistika Pupuk ZK di PT Petrokimia Gresik Menggunakan Multivariate Max-Chart (Max-Mchart). ITS, Statistika, Surabaya.
- Oktavia, A., Herwanto, D. 2021. Analisis Pengendalian Kualitas Produk Menggunakan Pendekatan Statistical Quality Control (SQC) Di Pt. Samcon. *Jurnal Teknik Industri ITN Malang*, 5(2), 81–87.
- Rakhmawan, S. A., Omar, M. H., Riaz, M., & Abbas, N. 2023. Hotelling T^2 Control Chart for Detecting Changes in Mortality Models Based on Machine-Learning Decision Tree. *Mathematics*, 11(3). <https://doi.org/10.3390/math11030566>.
- Salsabila, N., and Wibawati. 2024. Pengendalian Kualitas Statistika Pada Pupuk ZA III di PT Petrokimia Gresik Menggunakan *Maximum Half Normal Multivariate Control Chart* (Max-Half-MChart). *VARIANSI: Journal of Statistics and Its Application on Teaching and Research*, 6(2), 84–94.
- Seltuti. 2018. Bagan Kendali T^2 Hotelling dengan Algoritma *Fast Minimum Covariance Determinant* (MCD). Skripsi. Departemen Statistika, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Hasanuddin, Makassar.
- Shapiro, & Wilk. 1965. An Analysis of Variance Test for Normality Test (Complete Samples). *Biometrika*, 52, 591–611.
- Woodall, W. H. 2000. Controversies and Contradictions in Statistical Process Control. *Physical & Engineering Sciences of the American Statistical Association* (Vol. 1, Number 4).

- Thalib, K., Nurwan, and M. R. F. Payu. 2025. Penerapan Peta Kendali T^2 Hotelling dan Generalized Variance Pada Pengendalian Kualitas Produksi Air Mineral Kemasan di PT. Davincy Airindo. *NAAFI: Jurnal Ilmiah Mahasiswa*, 1(5).
- Yanuar, F., Fara Nabilla, M., & Rahmi, I. 2021. Penerapan Peta Kendali Atribut Klasik dan Peta Kendali NP Bayes Pada Produk Cacat Air Minum Asri di CV. Multi Rejeki Selaras Payakumbuh. *Jurnal Aplikasi Statistika & Komputasi Statistik*, 13.