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DAFTAR PUSTAKA

Lako, A., dan Gjevori, S., 2023, Urban Public Transport as a Basis for Sustainable Mobility Development in the Transition from Private Vehicles to Urban Public Transport: A Case Study of Elbasan,*International Journal of Sustainable Development and Planning*, 18(11).

Kementerian Perhubungan Republik Indonesia, 2025, Kemenhub Berkomitmen Wujudkan Transportasi Rendah Karbon di Indonesia, diakses dari https://kemenhub.go.id/post/read/kemenhub-berkomitmen-wujudkan-transportasi-rendah-karbon-di-indonesia pada 21 Februari 2026.

Pemerintah Republik Indonesia, 2019, Peraturan Presiden Nomor 55 Tahun 2019 tentang Percepatan Program Kendaraan Bermotor Listrik Berbasis Baterai (Battery Electric Vehicle) untuk Transportasi Jalan, diakses dari https://peraturan.bpk.go.id/ pada 21 Februari 2026.

Fahrizaldy, 2025, Uji Coba Perdana Operasional Bus Listrik di Yogyakarta, *TVRI Yogyakarta News*, Yogyakarta, Januari.

Shen, W., Xiao, W., dan Wang, X., 2016,Passenger satisfaction evaluation model for urban rail transit: A structural equation modeling based on partial least squares, *Transport Policy*, 46, pp. 20-31.

Republik Indonesia, 2009, Undang-Undang Republik Indonesia Nomor 22 Tahun 2009 tentang Lalu Lintas dan Angkutan Jalan, diakses dari https://peraturan.bpk.go.id/ pada 21 Februari 2026.

Pemerintah Republik Indonesia, 2021, Peraturan Pemerintah Republik Indonesia Nomor 30 Tahun 2021 tentang Penyelenggaraan Bidang Lalu Lintas dan Angkutan Jalan, diakses dari https://peraturan.bpk.go.id/ pada 21 Februari 2026.

UNIVERSITAS
GADJAH MADA
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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Pemerintah Republik Indonesia, 2019, Peraturan Menteri Perhubungan Republik Indonesia Nomor 15 Tahun 2019 tentang Keselamatan dan Kelaikan Jalan Angkutan, diakses dari https://peraturan.bpk.go.id/ pada 21 Februari 2026.

De Oña, J., Estévez, E., dan De Oña, R., 2020, Perception of Public Transport Quality of Service among Regular Private Vehicle Users in Madrid, Spain, *Transportation Research Record*, 2674(2), pp. 213-224.

Chau, H. W., Chan, M., Jamei, E., dan Lättman, K., 2024, The Impacts of Perceived Safety and Service Quality on Perceived Accessibility by Public Transport in Melbourne, *Land*, 13(11).

Tuan, V. A., Truong, N. V., Tetsuo, S., dan An, N. N., 2022, Public transport service quality: Policy prioritization strategy in the importance-performance analysis and the three-factor theory frameworks, *Transportation Research Part A: Policy and Practice*, 166, pp. 118-134.

Hair, J. F., Hult, G. T. M., Ringle, C. M., dan Sarstedt, M., 2017, *A Primer on Partial Least Squares Structural Equation Modeling (PLS-SEM)*, 2nd ed., Sage.

Hair, J. F., Risher, J. J., Sarstedt, M., dan Ringle, C. M., 2019, When to use and how to report the results of PLS-SEM, *European Business Review*, 31(1), pp. 2-24.

Shmueli, G., Sarstedt, M., Hair, J. F., Cheah, J. H., Ting, H., Vaithilingam, S., dan Ringle, C. M., 2019, Predictive model assessment in PLS-SEM: Guidelines for using PLSpredict, *European Journal of Marketing*, 53(11), pp. 2322-2347.

Sarstedt, M., Ringle, C. M., dan Hair, J. F., 2021, Partial Least Squares Structural Equation Modeling, dalam *Handbook of Market Research*, Springer International Publishing, Cham, pp. 1-47.

Demir, S., dan Uşak, M., 2025, Analyzing the Implementation of PLS-SEM in Educational Technology Research: A Review of the Past 10 Years, *SAGE Open*, 15(2).

SEM-PLS dan Importance Performance Analysis Pada Studi Pengaruh Kualitas Layanan Terhadap Kepuasan
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NU'IM KHOIRUNNISA, Prof. Dr. Abdurakhman., S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Richter, N. F., Hauff, S., Ringle, C. M., dan Gudergan, S. P., 2022, The Use of Partial Least Squares Structural Equation Modeling and Complementary Methods in International Management Research, *Management International Review*, 62(4), pp. 449-470.

Chinnaraju, A., 2025, Partial least squares structural equation modeling (PLS-SEM) in the AI Era: Innovative methodological guide and framework for business research, *Magna Scientia Advanced Research and Reviews*, 13(2).

Ismael, K., dan Duleba, S., 2021, Investigation of the relationship between the perceived public transport service quality and satisfaction: A PLS-SEM technique, *Sustainability*, 13(23).

Martilla, J. A., dan James, J. C., 1977, Importance-Performance Analysis, *Journal of Marketing*, 41(1), pp. 77-79.

Bose, A., Basak, D., Roy, S., Roy Chowdhury, I., Abdo, H. G., Aldagheiri, M., dan Almohamad, H., 2023, Evaluation of Urban Sustainability through Perceived Importance, Performance, Satisfaction and Loyalty: An Integrated IPA–SEM-Based Modelling Approach, *Sustainability*, 15(12), 9788.

Serrano-Gómez, V., García-García, O., dan Rial-Boubeta, A., 2023, Using Importance–Performance Analysis (IPA) to Improve Golf Club Management: The Gap between Users and Managers' Perceptions, *Sustainability*, 15(9), 7189.

Wu, C. H., Kuo, P. L., Yang, C. H., Chang, Y. C., dan Chen, T. L., 2023, Importance–Performance Analysis (IPA) in Analyzing the Satisfaction of Administrative Support in Teaching Practice Research Programs, *Sustainability*, 15(3), 1943.

Otok, B. W., Alfasanah, Z., dan Aksioma, D. F., 2026, Combination of partial least square structural equation modeling scheme of principal component analysis with importance performance analysis, *MethodsX*, 16, 103783.

Tanwar, R., dan Agarwal, P. K., 2024, *Analysis of the determinants of service quality in the multimodal public transport system of Bhopal city using structural*

UNIVERSITAS
GADJAH MADA
**SEM-PLS dan Importance Performance Analysis Pada Studi Pengaruh Kualitas Layanan Terhadap Kepuasan
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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

equation modelling (SEM) and factor analysis, Expert Systems with Applications, Vol. 256, Elsevier Ltd. https://doi.org/10.1016/j.eswa.2024.124931.

Hair, J. F., Black, W. C., Babin, B. J., dan Anderson, R. E., 2019, *Multivariate Data Analysis*, 8th ed., Cengage Learning.

Pereira, R. H. M., dan Karner, A., 2021, Transportation Equity, dalam *International Encyclopedia of Transportation*, Vol. 1, Elsevier, pp. 271-277.

Zhang, J., Jin, W., Philbin, S. P., Lu, Q. C., Ballesteros-Pérez, P., Skitmore, M., dan Li, H., 2021, *Impact of environmental regulations on carbon emissions of transportation infrastructure: China's evidence*, Cleaner and Responsible Consumption, Vol. 2, June, Elsevier Ltd. https://doi.org/10.1016/j.clrc.2021.100010.

de Oña, J., 2022, *Service quality, satisfaction and behavioral intentions towards public transport from the point of view of private vehicle users*, Transportation, Vol. 49, No. 1. https://doi.org/10.1007/s11116-021-10175-7.

Flaris, K., Gkritza, K., Singleton, P. A., Graul, A. R. H., dan Song, Z., 2023, *Riders' perceptions towards transit bus electrification: Evidence from Salt Lake City, Utah*, Transportation Research Part D: Transport and Environment, Vol. 117, Article 103642. https://doi.org/10.1016/j.trd.2023.103642.

International Energy Agency (IEA), 2023, *Global EV Outlook 2023: Catching up with climate ambitions*, IEA, tersedia di www.iea.org.

Eboli, L., dan Mazzulla, G., 2015, *Relationships between rail passengers' satisfaction and service quality: a framework for identifying key service factors*, Public Transport, Vol. 7, No. 2. https://doi.org/10.1007/s12469-014-0096-x.

Wijanto, S. H., 2008, *Structural Equation Modeling dengan LISREL 8.8: Konsep dan Tutorial*, Graha Ilmu, Yogyakarta.

Sholihin, M., dan Ratmono, D., 2021, *Analisis SEM-PLS dengan WarpPLS 7.0 untuk Hubungan Nonlinier dalam Penelitian Sosial dan Bisnis*, Penerbit ANDI.

UNIVERSITAS
GADJAH MADA
**SEM-PLS dan Importance Performance Analysis Pada Studi Pengaruh Kualitas Layanan Terhadap Kepuasan
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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Kurniawan, R., Sohibien, G. P. D., dan Rahani, R., 2020, *Cara mudah belajar statistik: analisis data dan eksplorasi*, Kencana, Jakarta.

Yusrizal dan Rahmati, 2022, *Pengembangan Instrumen Afektif & Kuesioner*, Pale Media Prima.

Henseler, J., Ringle, C. M., dan Sarstedt, M., 2015, A new criterion for assessing discriminant validity in variance-based structural equation modeling, *Journal of the Academy of Marketing Science*, 43(1), pp. 115-135.

Tenenhaus, M., Vinzi, V. E., Chatelin, Y. M., dan Lauro, C., 2005, PLS path modeling, *Computational Statistics and Data Analysis*, 48(1).

Chin, W. W., 1998, The Partial Least Squares Approach to Structural Equation Modeling, dalam Marcoulides, G. A. (Ed.), *Modern Methods for Business Research*, pp. 295-336.

Supranto, J., 2001, *Pengukuran Tingkat Kepuasan Pelanggan untuk Menaikkan Pangsa Pasar*, Rineka Cipta, Jakarta.

Sinha, S., Swamy, H. M. S., dan Modi, K., 2020,User Perceptions of Public Transport Service Quality, *Transportation Research Procedia*, 48, pp. 3310-3323.

Sugiyono, 2013, *Metode Penelitian Pendidikan: Pendekatan Kuantitatif, Kualitatif, dan R&D*, Alfabeta, Bandung.

Nur Hazizah, Suhairi, dan Ramadhani, S., 2025, Pengaruh Kualitas Layanan dan Kepuasan Pelanggan terhadap Loyalitas Pelanggan Bus Trans Mebidang, *Jurnal Ekonomi*, 30(1), pp. 177-197.

Base, T. J. T., Ong, A. K. S., Cahigas, M. M. L., dan Gumasing, M. J. J., 2024, Service Quality and Behavioral Intention Analysis of Passengers on Small Electric Public Transportation: A Case Study of Electric Tuktuk in the Philippines, *World Electric Vehicle Journal*, 15(10).

UNIVERSITAS
GADJAH MADA
SEM-PLS dan Importance Performance Analysis Pada Studi Pengaruh Kualitas Layanan Terhadap Kepuasan
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NU'IM KHOIRUNNISA, Prof. Dr. Abdurakhman., S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Wang, Y., Zhang, Z., Zhu, M., dan Wang, H., 2020, The Impact of Service Quality and Customer Satisfaction on Reuse Intention in Urban Rail Transit in Tianjin, China, *SAGE Open*, 10(1), doi:10.1177/2158244019898803.

Rahadianto, N. A., Maarif, S., dan Yuliati, L. N., 2019, Analysis of Intention to Use Transjakarta Bus, *Independent Journal of Management & Production*, 10(1), pp. 301-324, doi:10.14807/ijmp.v10i1.748.

Parasuraman, A., Zeithaml, V. A., dan Berry, L. L., 1988, SERVQUAL: A multiple-item scale for measuring consumer perceptions of service quality,*Journal of Retailing*, 64(1), pp. 12-40.

Cronin, J. J., dan Taylor, S. A., 1992,Measuring service quality: A reexamination and extension,*Journal of Marketing*, 56(3), pp. 55-68.

Ajzen, I., 1991,The theory of planned behavior,*Organizational Behavior and Human Decision Processes*, 50(2), pp. 179-211.

Bagozzi, R. P., 1992,The self-regulation of attitudes, intentions, and behavior,*Administrative Science Quarterly*, 55(2), pp. 178-204.

Zeithaml, V. A., Berry, L. L., dan Parasuraman, A., 1996,The behavioral consequences of service quality,*Journal of Marketing*, 60(2), pp. 31-46.

Oliver, R. L., 1999,Fundamental issues and directions for marketing,*Journal of Marketing*, 63(Special Issue), pp. 33-44.

Henseler, J., Hubona, G., dan Ray, P. A., 2016, *Using PLS path modeling in new technology research: updated guidelines*, Industrial Management & Data Systems, Vol. 116, No. 1, hal. 2-20. https://doi.org/10.1108/IMDS-09-2015-0382.

Marliana, R. R., 2020, Partial least squares-structural equation modeling pada hubungan antara tingkat kepuasan mahasiswa dan kualitas Google Classroom berdasarkan metode WebQual 4.0, *Jurnal Matematika, Statistika dan Komputasi*, 16(2), pp. 174-186.

UNIVERSITAS
GADJAH MADA
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NU'IM KHOIRUNNISA, Prof. Dr. Abdurakhman., S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

HG, I. R., Wulandari, F., dan Devianto, D., 2022, Analysis of students' satisfaction level on iLearn quality during COVID-19 pandemic with WebQual 4.0 and PLS-SEM, *JTAM (Jurnal Teori dan Aplikasi Matematika)*, 6(2), pp. 397-407.

Tyana, I. D., Widiharih, T., dan Utami, I. T., 2023, Analisis pengaruh kualitas pelayanan terhadap kepuasan penumpang BRT Trans Semarang menggunakan Partial Least Square (PLS) (Studi Kasus: Mahasiswa Universitas Diponegoro), *Jurnal Gaussian*, 11(4), pp. 591-604.

Asaliontin, L., Sumarminingsih, E., Solimun, S., Sepriadi, H., Iriany, A., dan Hamdan, R., 2025, Multigroup analysis on partial least square-structural equation modeling in modeling college students' saving behavior, *JTAM (Jurnal Teori dan Aplikasi Matematika)*, 9(1), pp. 147-159.

Rahayu, N. S., dan Fricilia, M., 2025, Analisis tarif bus listrik Trans Jogja berdasarkan biaya operasional kendaraan, *Seminar Nasional Inovasi Vokasi*, ISSN 2830-0343.

Basuki, I., 2025, Operational cost efficiency and emission analysis of electric and diesel buses: A case study of Trans Jogja, Indonesia, *International Journal of Transport Development and Integration*, 9(2), pp. 449-460.

Hair, J. F., Sarstedt, M., Hopkins, L., dan Kuppelwieser, V. G., 2014, *Partial least squares structural equation modeling (PLS-SEM): An emerging tool in business research*, European Business Review, 26(2), 106-121.

Hair, J. F., Hult, G. T. M., Ringle, C. M., dan Sarstedt, M., 2022, *A Primer on Partial Least Squares Structural Equation Modeling (PLS-SEM)*, 3rd ed., Sage Publications.