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DAFTAR PUSTAKA

Azma, M. S. D., & Kartikasari, P. (2024). Peramalan Jumlah Penumpang Kereta Api Jabodetabek dengan Metode Dekomposisi untuk Perencanaan Transportasi Berkelanjutan. *BIAStatistics Journal of Statistics Theory and Application Special Issue.* https://biastatistics.statistics.unpad.ac.id

Chuwang, D. D., & Chen, W. (2022). *Forecasting Daily and Weekly Passenger Demand for Urban Rail Transit Stations Based on a Time Series Model Approach*. *Forecasting, 4*(4), 1000–1018. https://doi.org/10.3390/forecast4040049

Dou, F., Zhang, H., Yin, H., Wei, Y., & Ning, Y. (2022). *An Optimization Method of Urban Rail Train Operation Scheme Based on the Control of Load Factor*. *Sustainability, 14*(21). https://doi.org/10.3390/su142114197

Erlangga, A. W., Istiantara, D. T., & Nugroho, I. (2020). Analisis *Load Factor* Perjalanan KRL *Commuter Line* Berdasarkan Titik Jenuh Lintas (Studi Kasus Lintas Bogor–Manggarai). *Jurnal Perkeretaapian Indonesia, 4*(2). https://jurnal.ppi.ac.id/jpi/en/article/view/99

Gross, C. W., & Sohl, J. E. (1990). *Disaggregation Methods to Expedite Product Line Forecasting. Journal of Forecasting*, 9(3), 233–254. https://doi.org/10.1002/for.3980090304

Herza, D. F., Imron, N. A., & Leliana, A. (2025). Analisis *Load Factor* dan Pola Operasi *Commuter Line* Sindro dan Arjonegoro. Jurnal Perkeretaapian Indonesia*, 9*(1). https://jurnal.ppi.ac.id

Huwae, W. F. (2025). Evaluasi Jumlah Perjalanan KRL *Commuter Line* Cikarang *Loop Line* Terhadap *Demand Penumpang.* Repository PPI Madiun. https://repository.ppi.ac.id/items/show/1299

Hyndman, R. J., & Athanasopoulos, G. (2021). *Forecasting: Principles and Practice* (3rd ed.). Melbourne: OTexts. https://otexts.com/fpp3/

Jara-Díaz, S., & Gschwender, A. (2024). *Spatio-Temporal Analysis of Public Transportation Undercrowding: Leveraging APC Data for a Comprehensive Evaluation of Usage Rates.* arXiv. https://arxiv.org/pdf/2410.12618

Kementerian Perhubungan Republik Indonesia. (2019). Peraturan Menteri Perhubungan Nomor PM 63 Tahun 2019 tentang Standar Pelayanan Minimum Angkutan Orang dengan Kereta Api. Jakarta: Kementerian Perhubungan Republik Indonesia.

Kochkina, A., Szymanek, A., & Chizhik, A. (2022). *Predicting the Seasonality of Passengers in Railway Transport Based on Time Series for Proper Railway Development*. *ResearchGate.* https://www.researchgate.net/publication/359384821

Litman, T. (2016). *Assessment of Transit Quality of Service with Occupancy Load Factor and Passenger Travel Time Measures. Transit Capacity and Quality of Service Manual*. ResearchGate. https://researchgate.net/publication/293191482

Lu, Y., Yang, L., Yang, H., Zhou, H., & Gao, Z. (2024). *Crowding Perception Thresholds of Passengers in Urban Rail Transit: A Study of Differences in Spatiotemporal Dimensions*. *Journal of Advanced Transportation.* https://onlinelibrary.wiley.com/doi/10.1155/2024/6409942

Mendila, S. A., Utami, I. T., & Kartikasari, P. (2023). Peramalan Jumlah Penumpang Kereta Api di Pulau Jawa Menggunakan Metode *Holt Winters Exponential Smoothing* dan *Fuzzy Time Series Markov Chain*. Jurnal *Gaussian, 12*(1), 104–115. https://doi.org/10.14710/j.gauss.12.1.104-115

Olawale, O., Grechi, D., & Ceron, A. (2021). *Covid-19 Lightening the Load Factor in Railway Transport: Performance Analysis in the North-West Area of Milan*. *Research in*

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Transportation Business and Management. https://www.sciencedirect.com/science/article/abs/pii/S221053952100122X

Pangestu, Y. R., Sari, N., & Hendri, E. P. (2020). Peningkatan Jumlah Perjalanan KRL Lintas Nambo–Jakarta Kota. *Jurnal PTDI-STTD.*

Prayudani, S., Hizriadi, A., Lase, Y. Y., Fatmi, Y., & Al-Khowarizmi. (2019). *Analysis Accuracy of Forecasting Measurement Technique on Random K-Nearest Neighbor (RKNN) Using MAPE and MSE*. *Journal of Physics: Conference Series, 1361*(1), 012089. https://doi.org/10.1088/1742-6596/1361/1/012089

Republik Indonesia. (2007). Undang-Undang Republik Indonesia Nomor 23 Tahun 2007 tentang Perkeretaapian. Jakarta: Sekretariat Negara.

Republik Indonesia. (2024). Undang-Undang Nomor 59 Tahun 2024 tentang Rencana Pembangunan Jangka Panjang Nasional Tahun 2025–2045. Jakarta: Sekretariat Negara Republik Indonesia.

Rusdiana, H.A. (2014). Manajemen Operasi. Bandung: Pustaka Setia.

Setiawan, A. P., & Sudarwati. (2025). Analisis Kebutuhan Perjalanan Kereta Api Terhadap Demand Penumpang *Commuter Line* Yogyakarta. Jurnal Teknik Sipil-Arsitektur Universitas Jayabaya.

Sharma, M. K., & Singh, M. (2024). *Train Length and Service Frequency Optimization: Passenger Health Expense Perspective. International Journal of Intelligent Transportation Systems Research*, 22, 390–406. https://doi.org/10.1007/s13177-024-00403-6

Sungkawa, I. dan Megasari, R.T. (2011). "Penerapan Ukuran Ketepatan Nilai Ramalan Data Deret Waktu dalam Seleksi Model Peramalan Volume Penjualan PT Satriamandiri Citramulia". *ComTech*, 2(2), 636–645.

Susilowati, W., Sudarwati., & Rachmat, T. (2024). Analisis Kebutuhan Perjalanan KRL *Commuter Line* Lintas Bekasi–Manggarai Terhadap Demand Penumpang. Jurnal Teknik Sipil-Arsitektur Universitas Jayabaya. https://jurnalftspjayabaya.ac.id/index.php/jsa/article/view/168

Vuchic, V. R. (2007). *Urban Transit Systems and Technology*. Hoboken, NJ: John Wiley & Sons.

Wahyudi, D. I. P. (2021). Evaluasi Perjalanan KRL *Commuter Line* Lintas Duri–Tangerang. Digilib PTDI-STTD.

Xavier, B. D., Varghese, V., Chikaraishi, M., & Fujiwara, A. (2025). *Measuring the Impact of Built Environment Factors on Station-Level Contributions to Link-Level Crowding*. *PMC/NIH.* https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12695899/

Yousefi, M., & Koutsopoulos, H. N. (2024). *Headway Management Strategies for High-Frequency Urban Rail Transit: A Dynamic Approach to Real-Time Train Holding in Metro Systems.* SSRN. https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4985598