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

DAFTAR PUSTAKA

Adesibikan A, Williams PJ, Cumella A, et al. (2025) Relationship of material deprivation with emergency or unplanned healthcare utilisation in adults with chronic obstructive pulmonary disease: analysis from an Asthma+Lung UK survey. BMJ Open Respir Res 2025;12:e003199. Doi:10.1136/ bmjresp-2025-003199

Aitcheson, J & Silvey, S. (1957). The Generalization of Probit Analysis to the Case of Multiple Responses. Biometrika, 44, 131-140.

Akgun, N., Campisi, T., & Sunar, M. T. (2024). Generalized Ordered Logit Model with Testing Assumptions: A Case Study of Using Urban Light Rail in Bursa. Communications - Scientific Letters of the University of Zilina, 26(3), D38-51. doi: 10.26552/com.C.2024.028

Arthur O'Sullivan. (2012). Urban Economics 8th Edition. Department of Economics: Lewis & Clark College, ISBN 978-0-07-351147-4

Aravind, A., Mishra, S., & Meservy, M. (2024). Nudging towards sustainable urban mobility: Exploring behavioral interventions for promoting public transit. Transportation Research Part D: Transport and Environment, 129, 104130.

Badan Pusat Statistik (BPS). (2024). Survei Sosial Ekonomi Nasional (SUSENAS) September dan Seruti Triwulan III 2024. Retrieved from https://mukomukokab.bps.go.id/id/news/2024/09/11/46/survei-sosial-ekonomi-nasional--susenas--september-dan-seruti-triwulan-iii-2024.html on February 9, 2026.

Badan Pusat Statistik (BPS). (2026). Jumlah Kendaraan Bermotor Menurid Provinsi dan Jenis Kendaraan (unit). Retrieved from https://www.bps.go.id/id/statistics-table/3/VjJ3NGRGa3dkRk5MTlU1bVNFOTVVbmQyVURSTVFUMDkjMw==/jumlah-kendaraan-bermotor-menurut-provinsi-dan-jenis-kendaraan--unit---2022.html?year=2025 on February 12, 2026.

Bafadal, Jihan Zafira. (2024). Perspective and practices on gender roles in childcare and division of household labor from Indonesian families. Governance and Development Policy (GDP). Retrieved from http://hdl.handle.net/2105/75803

Bertrand, Marianne. (2013). Career, family and the well-being of college-educated women Am. Econ. Rev., 103 (3), pp. 244-250

Brög, Werner & Erl, Erhard & Ker, Ian & Ryle, James & Wall, Rob. (2009). "Evaluation of voluntary travel behaviour change: Experiences from three continents," Transport Policy, Elsevier, vol. 16(6), pages 281-292, November.

Case, A., Fertig, A., & Paxson, C. (2005). The lasting impact of childhood health and circumstance. Journal of Health Economics 24, p.365–389, https://dx.doi.org/10.1016/j.jhealeco.2004.09.008

Chan, S.M., Wong, H. (2020). Impact of Income, Deprivation and Social Exclusion on Subjective Poverty: A Structural Equation Model of Multidimensional Poverty in Hong Kong. Soc Indic Res 152, 971–990. https://doi.org/10.1007/s11205-020-02476-8

UNIVERSITAS
GADJAH MADA
MOBILITAS ATAU RISIKO? DAMPAK KEPEMILIKAN KENDARAAN BERMOTOR TERHADAP KELUHAN KESEHATAN DI INDONESIA
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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Chi, Hyejun., et al. (2026). Type of water and sanitation facilities and risk of non-partner sexual
violence: A multilevel analysis across 31 low- and middle-income countries. Social Science & Medicine 119005, https://doi.org/10.1016/j.socscimed.2026.119005

Cho S, Park C (2026) Factors contributing to Korean road accidents based on insurance records. PLoS One 21(1): e0340872. https://doi.org/10.1371/journal.pone.0340872

Chung RY, Chung GK, Gordon D, Wong SY, Chan D, Lau MK, Tang VM, Wong H. Deprivation is associated with worse physical and mental health beyond income poverty: a population-based household survey among Chinese adults. Qual Life Res. 2018 Aug;27(8):2127-2135. doi: 10.1007/s11136-018-1863-y. Epub 2018 May 14. PMID: 29761348.

Currie, Graham., et al. (2010). Investigating Links Between Transport DIsadvantage, Social Exclusion, and Well-Being in Melbourne–Preliminary Results. https://doi.org/10.1016/j.retrec.2010.07.036

Cutler, D. M., & Lleras-Muney, A. (2010). Understanding differences in health behaviors by education. Journal of Health Economics, 29(1), 1–28.

Delbosc, A., Currie, G. (2012). Choice and disadvantage in low-car ownership households. Transp. Policy 23, 8–14. https://doi.org/10.1016/j.tranpol.2012.06.006

Deng, Yiling & Wang, Liyang & Chen, Mengwei. (2024). Commuting and its spillover effects on subjective well-being: Evidence from China. Transportation Research Part D: Transport and Environment. 126. 104001. 10.1016/j.trd.2023.104001.

Doebler, S. (2015). Access to a car and the self-reported health and mental health of people aged 65 and older in northern Ireland. Res. Aging 38 (4), 453–476. https:// doi.org/10.1177/0164027515590424.

Du, Mingyang., Cheng, Li., Li, Xuefeng., & Yang, Jingzong. (2019). Factors Affecting The Travel Mode Choice of The Urban Elderly in Healthcare Activity: Comparison Between Core Area and Suburban Area. https://doi.org/10.1016/j.scs.2019.101868

Ellaway A, Macdonald L, Kearns A. (2016). Are housing tenure and car access still associated with health? A repeat cross-sectional study of UK adults over a 13-year period. BMJ Open 2016;6:e012268. doi:10.1136/bmjopen-2016-012268

Eluru N. (2013). Evaluating alternate discrete choice frameworks for modeling ordinal discrete variables. Accid Anal Prev. 2013 Jun;55:1-11. doi: 10.1016/j.aap.2013.02.012. Epub 2013 Feb 28. PMID: 23500025.

European Commission. (2019). 2018 Road Safety Statistics: what Is behind the Figures? Brussels: European Commision.

Ettema, D., Friman, M., Gärling, T., Olsson, L.E., & Fujii, S. (2012). How in-vehicle activities affect work commuters' satisfaction with public transport. Journal of Transport Geography, Article in Press, Corrected Proof.

UNIVERSITAS
GADJAH MADA
MOBILITAS ATAU RISIKO? DAMPAK KEPEMILIKAN KENDARAAN BERMOTOR TERHADAP KELUHAN KESEHATAN DI INDONESIA
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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Fevriera, S., Groot, H. G., & Mulder, P. (2020): Does Urban Form Affect Motorcycle Use? Evidence from Yogyakarta, Indonesia, Bulletin of Indonesian Economic Studies, DOI: 10.1080/00074918.2020.1747595

Fleche, S., Lepinteur, A., & Powdthavee, N. (2020). Gender norms, fairness and relative working hours within households. Labour Economics 101866, https://doi.org/10.1016/j.labeco.2020.101866

Gilford, D. M. (1998). The Ageing Population in the Twenty-First Century. National Academy Press; ISBN 0-309-03881-2.

Guneri, I. O., Durmus, B., & Incekirik, A. (2022). Ordered Choice Models: Ordinal Logit and Ordinal Probit. Journal of Interdisciplinary Sciences: Vol. 6, Issue 2; 21-41. ISSN: 2594-3405

Guta, D., Reyes, R., Zerriffi, H., & Gergel, S. (2024). Residential heating, fuelwood demand and tree species: Implications for native forests in the South of Chile. Energy for Sustainable Development 78, 101372. https://doi.org/10.1016/j.esd.2023.101372

Grilli, L., Rampichini, C. (2014). Ordered Logit Model. In: Michalos, A.C. (eds) Encyclopedia of Quality of Life and Well-Being Research. Springer, Dordrecht. https://doi.org/10.1007/978-94-007-0753-5_2023Manaugh, Kevin & El-Geneidy, Ahmed M.. (2013). "Does distance matter? Exploring the links among values, motivations, home location, and satisfaction in walking trips," Transportation Research Part A: Policy and Practice, Elsevier, vol. 50(C), pages 198-208.

Haryono, H., Darunanto, D., & Wahyuni, Rr. E. (2018). Persepsi Masyarakat Tentang Kemacetan Lalu Lintas di Jakarta. Jurnal Manajemen Transportasi & Logistik (Jmtranslog), 5(3), 277–285. https://doi.org/10.28932/jts.v16i1.2345

Health Effects Institute. (2024), The State of Global Air 2024. Special Report. Boston, MA:Health Effects Institute. Retrieved from https://www.stateofglobalair.org/resources/report/state-global-air-report-2024 on May 18, 2025

Jaarsveld van CH, Miles A, Wardle J. Pathways from deprivation to health differed between individual and neighborhood-based indices. J Clin Epidemiol. 2007 Jul;60(7):712-9. doi: 10.1016/j.jclinepi.2006.10.005. Epub 2007 Jan 22. PMID: 17573987.

Kageyama, T., Nishikido, N., Kobayashi, T., Kurokawa, Y., Kaneko, T., Kabuto, M.. (1998). Long commuting time, extensive overtime, and sympathodominant state

assessed in terms of short-term heart rate variability among male white-collar workers in the Tokyo megalopolis. Ind. Health 36, 209–217. https://doi.org/ 10.2486/indhealth.36.209.

Kementerian Perhubungan Republik Indonesia. (2022). Tekan Angka Kecelakaan Lalu Lintas, Kemenhub Ajak Masyarakat Beralih ke Transportasi Umum dan Utamakan Keselamatan Berkendara. Retrieved from https://dephub.go.id/post/read/%E2%80%8Btekan-angka-kecelakaan-lalu-lintas,-kemenhub-ajak-masyarakat-beralih-ke-transportasi-umum-dan-utamakan-keselamatan-berkendara on May 9, 2025.

UNIVERSITAS
GADJAH MADA
MOBILITAS ATAU RISIKO? DAMPAK KEPEMILIKAN KENDARAAN BERMOTOR TERHADAP KELUHAN KESEHATAN DI INDONESIA
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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Kenyon, K., 2003. Understanding social exclusion and social inclusion. Municipal Engineer 156 (Issue ME2), 97–104

Kiron Chatterjee, Samuel Chng, Ben Clark, Adrian Davis, Jonas De Vos, Dick Ettema, Susan Handy, Adam Martin & Louise Reardon (2019): Commuting and wellbeing: a critical overview of the literature with implications for policy and future research, Transport Reviews, DOI: 10.1080/01441647.2019.1649317

Kresnanto, N. C., Putri, W. H., & Raharti, R. (2022). Modeling motorcycles dependency for commuting among low-income communities in Yogyakarta, Indonesia: The perspective of the theory of planned behavior. Case Studies on Transport Policy 20, 101404. https://doi.org/10.1016/j.cstp.2025.101404

Laura, Doni., et al. (2011). The impact of anemia on quality of life and hospitalisation in elderly cancer patients undergoing chemotherapy. Crit. Rev. Oncol. Hematol. 77, 70–77 (2011).

Levitas, R., Pantazis, C., Fahmy, E., Gordon, D., Lloyd, E., Patsios, D., 2007. The multidimensional analysis of social exclusion Department of Sociology and School for Social Policy, Townsend Centre for the International Study of Poverty and Bristol Institute for Public Affairs. University of Bristol, Bristol.

Limaki, A. K. (2024). Gender Disparities in Urban Design: A Review of the Impact of Urban Design on Shaping Women's Social Challenges. Preprints. https://doi.org/10.20944/preprints202407.1525.v1

Long, J. S., & Freese, J. (2006). Regression Models for Categorical Dependent Variables Using Stata (2nd ed.). College Station, TX: Stata Press.

Long, S. and Freese, J. (2014) Regression Models for Categorical Dependent Variables Using Stata. 3rd Edition, Stata Press, College Station.

Long, Cuihong., et al (2020). Does Educational Attainment Affect Resident's Health. Healthcare, 8, 364; doi:10.3390/healthcare8040364

Lucas, Karen. (2012). Transport and social exclusion: Where are we now?. Transport Policy, Elsevier, vol. 20(C), pages 105-113.

Manisalidis I, Stavropoulou E, Stavropoulos A and Bezirtzoglou E (2020) Environmental and Health Impacts of Air Pollution: A Review. Front. Public Health 8:14. doi: 10.3389/fpubh.2020.00014

Masum, M. M. H., Islam, B. M., Hossen, M. A, Nath, H., Hoque, A. (2025). Navigating pollution: The impact of transportation modes on air and noise quality in Chattogram City, Bangladesh. Journal of Transport & Health, Vol.44. https://doi.org/10.1016/j.jth.2025.102112.

McWilliams, J. M. (2009). Health Consequences of Uninsurance among Adults in the United States: Recent Evidence and Implications. The Milbank Quarterly, Vol. 87, No. 2, 2009 (pp. 443–494)

Mitra, S.K., Saphores, J.-D.M., (2020). How do they get by without cars? An analysis of travel characteristics of carless households in California. Transportation 47 (6), 2837–2858. https://doi.org/10.1007/s11116-019-09994-6

UNIVERSITAS
GADJAH MADA
MOBILITAS ATAU RISIKO? DAMPAK KEPEMILIKAN KENDARAAN BERMOTOR TERHADAP KELUHAN KESEHATAN DI INDONESIA
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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Moges, F., Leza, T., & Gecho, Y. (2025). Targeting Rural Poverty: A Generalized Ordered Logit Model Analysis of Multidimensional Deprivation in Ethiopia's Bilate River Basin. Economies, 13(7), 181. https://doi.org/10.3390/economies13070181

Morris, E.A., Blumenberg, E., Guerra, E., (2020). Does lacking a car put the brakes on activity participation? Private vehicle access and access to opportunities among low- income adults. Transport. Res. Pol. Pract. 136, 375–397. https://doi.org/10.1016/j. Tra.2020.03.021

Mouratidis, Kostas. (2025). Transport and quality of life: The car and its link to subjective well-being, health, and life domains. Transport Policy 168 (2025) 101–111, https://doi.org/10.1016/j.tranpol.2025.04.014

Munawaroh, S., Fajri, M. N. and Ajija, S. R. (2024) "The Effects of Social Assistance Programs on Stunting Prevalence Rates in Indonesia", Indonesian Journal of Health Administration, 12(1), pp. 74-85. doi: 10.20473/jaki.v12i1.2024. 74-85.

Niccoli, Teresa. & Patridge, Linda. (2012). Ageing as a Risk Factor of Disease. Current Biology 22, R741–R752, http://dx.doi.org/10.1016/j.cub.2012.07.024

Norton EC, Dowd BE, Maciejewski ML. Marginal Effects-Quantifying the Effect of Changes in Risk Factors in Logistic Regression Models. JAMA. (2019) Apr 2;321(13):1304-1305. doi: 10.1001/jama.2019.1954. PMID: 30848814.

Okyere J, Ayebeng C, Dickson KS. Residential inequalities in hypertension medication use: a multivariate non-linear decomposition analysis. J Health Popul Nutr. 2025 Dec 28;45(1):34. doi: 10.1186/s41043-025-01207-4. PMID: 41457229; PMCID: PMC12857076.

Pemerintah Republik Indonesia. (2021). Peraturan Pemerintah Republik Indonesia Nomor 22 Tahun 2021. Pemerintah Republik Indonesia

Phopluechai, R., Arreeras, T., Jia, X., Sittivangkul, K., Thanasupsin, K., & Chaikaew, P. (2025). Investigating Travel Mode Choices Under Environmental Stress: Evidence from Air Pollution Events in Chiang Rai, Thailand. Urban Science, 9(8), 323. https://doi.org/10.3390/urbansci9080323

Rawiyanti, Winda & Budiarti, Winih. (2024). Karakteristik Penduduk Miskin dalam Hubungannya dengan Partisipasi pada Perguruan Tinggi di Indonesia. Jurnal Pendidikan dan Kebudayaan: Vol. 9, No. 2, Desember 2024. doi: 10.24832/jpnk.v9i2.5073

Ra'bung, A. S. et al. (2025). Smoking, Obesity, Hypertension, and Lifestyle are Associated with Coronary Heart Disease: A Cross-Sectional Study in Central Sulawesi, Indonesia. Media Publ. Promosi Kesehat. Indones9(1):1-13

Rissel, C., Curac, N., Greenaway, M., & Bauman, A. (2012). Physical activity associated with public transport use—A review and modelling of potential benefits. International Journal of Environmental Research and Public Health, 9(7), 2454–2478.

Rivera, H., Williams, D. K., & Hosmer, D. (2012). The Hosmer-Lemeshow Goodness of Fit Test: Does the Grouping Really Matter?. Biometrics Sections, retrieved from

UNIVERSITAS
GADJAH MADA
MOBILITAS ATAU RISIKO? DAMPAK KEPEMILIKAN KENDARAAN BERMOTOR TERHADAP KELUHAN KESEHATAN DI INDONESIA
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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

https://ww2.amstat.org/meetings/proceedings/2012/data/assets/pdf/305261_77547.pdf on 16/04/2026

Robards, James., et al (2012). Marital status, Health and Mortality. Maturitas 73: p. 295-299. http://dx.doi.org/10.1016/j.maturitas.2012.08.007

Rose, J. J., Wang, L., Xu, Q., McTiernan, C. F., Shiva, S., Tejero, J., & Gladwin, M. T. (2017). Carbon Monoxide Poisoning: Pathogenesis, Management, and Future Directions of Therapy. American journal of respiratory and critical care medicine, 195(5), 596–606. https://doi.org/10.1164/rccm.201606-1275CI

Sari, Ana Ofi & Nachrowi, Nachrowi Djalal. (2022). Pengaruh Kerawanan Pangan, Bantuan Pangan, dan Jaminan Kesehatan terhadap Keluhan Kesehatan. Jurnal Ekonomi dan Pembangunan Indonesia: Vol. 22: No. 1, Article 1. DOI: 10.21002/jepi.2022.01

Shrestha, Noora. (2020). Detecting Multicollinearity in Regression Analysis. American Journal of Applied Mathematics and Statistics, vol. 8, no. 2: 39-42. doi: 10.12691/ajams-8-2-1.

Sud E, Wahiduddin, Nur NN, Amqam H, Suriah. Changes in Behavioral Risk Factors for Diabetes in Indonesia: Evidence from National Surveys Before and After the COVID-19 (2018 and 2023). Natl J Community Med 2026;17(1):12-18. DOI: 10.55489/njcm.170120266131

Syed, S. T., Gerber, B. S., & Sharp, L. K. (2013). Traveling towards disease: transportation barriers to health care access. Journal of community health, 38(5), 976–993. https://doi.org/10.1007/s10900-013-9681-1

Tainio M, de Nazelle AJ, Götschi T, Kahlmeier S, Rojas-Rueda D, Nieuwenhuijsen MJ, de Sá TH, Kelly P, Woodcock J. Can air pollution negate the health benefits of cycling and walking? Prev Med. (2016). Jun;87:233-236. doi: 10.1016/j.ypmed.2016.02.002. Epub 2016 May 5. PMID: 27156248; PMCID: PMC4893018.

Titrajaya, Y. & Handoko, M. (2025). Gender Segregation in the Indonesian Labor Market: Insights from a Multigroup Analysis. Author-formatted, not peer-reviewed document posted on 13/03/2025. https://doi.org/10.3897/arphapreprints.e152732

Townsend, P. (1987). Deprivation. Journal of Social Policy, 16(2), 125–146.

T. Domencich and D. McFadden, “Urban Travel Demand: A Behavioral Analysis,” American Elsevier Publishing Company, New York, 1975.

Tietenberg, Tom & Lewis, Lynne. (2008). Environmental and Natural Resource Economics 11th Edition. Routledge: ISBN: 978-1-138-63229-5

UK PATC Indonesia. (2021). Road Map and Timetable of Two-Wheeler Electrification in Greater Jakarta. Retrieved from https://itdp-indonesia.org/wp-content/uploads/2022/09/Output1EUM125_Inception_Report.pdf on February 12, 2026.

Usman, Hardius & Nazli, Nisrina. (2024). Kepemilikan Jaminan Kesehatan di Kalangan Penduduk Miskin di Indonesia Tahun 2023. Jurnal Kebijakan Kesehatan Indonesia: Vol. 13: No. 04 Desember 2024