UNIVERSITAS
GADJAH MADA
Dynamic Event Study of Digital Divide and Educational Performance in Indonesia
Erik Sanjaya, Mihoko Sakurai
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

References

Badiuzzaman, M., Rafiquzzaman, M., Rabby, M. I. I., & Rahman, M. M. (2021). The latent digital divide and its drivers in e-learning among bangladeshi students during the COVID-19 pandemic. *Information (Switzerland)*, *12*(8). https://doi.org/10.3390/info12080287

Banda, L. O. L. (2025). Socioeconomic and locational disparities in primary education completion in Burkina Faso. *Quality Education for All*, *2*(1), 397–412. https://doi.org/10.1108/QEA-08-2024-0068

Corral, D., & Yang, M. (2024). An introduction to the difference-in-differences design in education policy research. *Asia Pacific Education Review*, *25*(3), 663–672. https://doi.org/10.1007/s12564-024-09959-0

Cruz-Jesus, F., Vicente, M. R., Bacao, F., & Oliveira, T. (2016). The education-related digital divide: An analysis for the EU-28. *Computers in Human Behavior*, *56*, 72–82. https://doi.org/10.1016/j.chb.2015.11.027

Gajderowicz, T., Jakubowski, M., Kennedy, A. I., Kjeldsen, C. C., Patrinos, H. A., & Strietholt, R. (2026). The learning crisis: Three years after COVID-19. *Learning and Instruction*, *104*. https://doi.org/10.1016/j.learninstruc.2026.102373

Hilbert, M. (2016). The bad news is that the digital access divide is here to stay: Domestically installed bandwidths among 172 countries for 1986-2014. *Telecommunications Policy*, *40*(6), 567–581. https://doi.org/10.1016/j.telpol.2016.01.006

Hirschman, A. O. (1958). *The Strategy of Economic Development*. Yale University Press, Inc.

Huesing, T., & Selhofer, H. (n.d.). *Association for Information Systems AIS Electronic Library (AISeL) The Digital Divide Index-A Measure of Social Inequalities in the Adoptioon of ICT*. Retrieved http://aisel.aisnet.org/ecis2002

Li, J., Yousaf, T., Ain, Q. ul, & Zhong, K. (2025). Equilibrium in Action: Unveiling SDG 10 Through Inequality and Sustainable Economic Growth. *Sustainable Development*, *33*(5), 7279–7293. https://doi.org/10.1002/sd.3512

Lipton, Michael. (1977). *Why poor people stay poor: urban bias in world development*. Harvard University Press.

Lythreatis, S., Singh, S. K., & El-Kassar, A. N. (2022). The digital divide: A review and future research agenda. *Technological Forecasting and Social Change*, *175*. https://doi.org/10.1016/j.techfore.2021.121359

UNIVERSITAS
GADJAH MADA
Dynamic Event Study of Digital Divide and Educational Performance in Indonesia
Erik Sanjaya, Mihoko Sakurai
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

M Dunga, H. (2025). A nexus of access to information and household poverty post Covid-19. *International Journal of Business Ecosystem & Strategy (2687-2293)*, *7*(2), 250–259. https://doi.org/10.36096/ijbes.v7i2.764

Polykalas, S. E. (n.d.). *Assessing the evolution of the Digital Divide across European Union*. https://doi.org/10.13140/2.1.1944.9929

Roth, J., Sant'Anna, P. H. C., Bilinski, A., & Poe, J. (2023). What's trending in difference-in-differences? A synthesis of the recent econometrics literature. *Journal of Econometrics*, *235*(2), 2218–2244. https://doi.org/10.1016/j.jeconom.2023.03.008

Scheerder, A., van Deursen, A., & van Dijk, J. (2017). Determinants of Internet skills, uses and outcomes. A systematic review of the second- and third-level digital divide. In *Telematics and Informatics* (Vol. 34, Number 8, pp. 1607–1624). Elsevier Ltd. https://doi.org/10.1016/j.tele.2017.07.007

Subramaniam, L., Jalaludin, F. W., Hen, K. W., & Yap, C. S. (2023). The second and third levels of digital divide among Malaysian university students during the Covid-19 pandemic. *Telkomnika (Telecommunication Computing Electronics and Control)*, *21*(6), 1326–1333. https://doi.org/10.12928/TELKOMNIKA.V21I6.25258

Summak, M. S., & Kalender, B. (2025). Unveiling Disaster-Induced Social Justice Failures Through the Widening Digital Divide Among Primary School Students: A Capability Approach Perspective. *SAGE Open*, *15*(3). https://doi.org/10.1177/21582440251369583

Sun, L., & Abraham, S. (2021). Estimating dynamic treatment effects in event studies with heterogeneous treatment effects. *Journal of Econometrics*, *225*(2), 175–199. https://doi.org/10.1016/j.jeconom.2020.09.006

Thomas, J., Barraket, J., & Cook, K. (2018). *Measuring Australia's digital divide: the Australian digital inclusion index 2018*. https://doi.org/10.25916/5b594e4475a00

Todaro, M. P. ., & Smith, S. C. . (2020). *Economic development*. Pearson.

Türk, U. (2021). A multilevel analysis of the contextual effects in distance education outcomes during COVID-19. *Eastern Journal of European Studies*, *12*, 149–169. https://doi.org/10.47743/ejes-2021-SI07

van Deursen, A. J. A. M., & van Dijk, J. A. G. M. (2014). The digital divide shifts to differences in usage. *New Media and Society*, *16*(3), 507–526. https://doi.org/10.1177/1461444813487959

Van Dijk, J. (2020). *The Digital Divide*. John Wiley & Sons.

UNIVERSITAS
GADJAH MADA
Dynamic Event Study of Digital Divide and Educational Performance in Indonesia
Erik Sanjaya, Mihoko Sakurai
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Van Dijk, J., & Hacker, K. (2003). The Digital Divide as a Complex and Dynamic Phenomenon. In *Information Society* (Vol. 19, Number 4, pp. 315–326). https://doi.org/10.1080/01972240309487

Walker, D. M., Hefner, J. L., Fareed, N., Huerta, T. R., & McAlearney, A. S. (2020). Exploring the Digital Divide: Age and Race Disparities in Use of an Inpatient Portal. *Telemedicine and E-Health*, *26*(5), 603–613. https://doi.org/10.1089/tmj.2019.0065

Wati, D. A. R., Čaplánová, A., & Darmo, Ľ. (2024). Identification of Digital Divide across Indonesian Provinces: the Analysis of Key Factors. *Statistika*, *104*(2), 185–202. https://doi.org/10.54694/stat.2024.3

Wei, K.-K., Teo, H.-H., Chan, C., & Tan, B. C. Y. (2011). *Conceptualizing and Testing a Social Cognitive Model of the Digital Divide Author*. *22*(1), 170–187. https://doi.org/10.1287/isre.l090.0273

Wilantika, N., Sensuse, D. I., Wibisono, S. B., Putro, P. L., & Damanik, A. (2018). *Grouping of Provinces in Indonesia According to Digital Divide Index*. 385–393.

Yajie, L., Liu, H., & Gaoming, M. (2023). Widening Digital Divide: Family Investment, Digital Learning, and Educational Performance of Chinese High School Students During the COVID-19 Pandemic School Closures. *Applied Research in Quality of Life*, *18*(5), 2397–2413. https://doi.org/10.1007/s11482-023-10191-y

Zhao, F., Collier, A., & Deng, H. (2014). A multidimensional and integrative approach to study global digital divide and e-government development. *Information Technology and People*, *27*(1), 38–62. https://doi.org/10.1108/ITP-01-2013-0022