

REFERENCE

- Asker, V. (2018). *Measurement of efficiency with data envelopment analysis and Malmquist Total Factor Productivity Methods: An Application on Major airports in Turkey*. <https://www.researchgate.net/publication/329117028>
- Butkova, O. (2020). The definition of capital as an economic and accounting category. *E3S Web of Conferences*, 175. <https://doi.org/10.1051/E3SCONF/202017513011>
- Caves, D. W. (1982). The Economic Theory of Index Numbers and the Measurement of Input, Output, and Productivity. *Econometrica*, 50(6), 1393. <https://doi.org/10.2307/1913388>
- CNBC. (2020). *Telkom Raih Penghargaan The Best SOE in Nation Building*. CNBC. <https://www.cnbcindonesia.com/market/20201210203403-17-208274/telkom-raih-penghargaan-the-best-soe-in-nation-building>
- CNBC Indonesia, I. (2020). *Telkom di Jalur yang Tepat untuk Menjadi Digital Telco*. CNBC. <https://www.cnbcindonesia.com/market/20200605131727-17-163327/telkom-di-jalur-yang-tepat-untuk-menjadi-digital-telco>
- Coelli, T. J., Prasada Rao, D. S., O'Donnell, C. J., & Battese, G. E. (2005). An introduction to efficiency and productivity analysis. *An Introduction to Efficiency and Productivity Analysis*, 1–349. <https://doi.org/10.1007/B136381>
- Czarnul, P., & Matuszek, M. (2019). Use of ICT infrastructure for teaching HPC. *International Scientific and Technical Conference on Computer Sciences and Information Technologies*, 1, XVII–XXI. <https://doi.org/10.1109/STC-CSIT.2019.8929841>
- Dewi, S. P., & Kristanto, S. B. (2013). *Akuntansi Biaya*. In Media.
- Dutta, A. (2015). Telecommunications and Economic Activity: An Analysis of Granger Causality. [Http://Dx.Doi.Org/10.1080/07421222.2001.11045658](http://dx.doi.org/10.1080/07421222.2001.11045658), 17(4), 71–95. <https://doi.org/10.1080/07421222.2001.11045658>
- Fahmi, I. (2015). *Analisis Laporan Keuangan*. Alfabeta.
- Faruk, U. (2018). *Analisis Efisiensi dan Produktivitas Bank Umum di Indonesia*.

- Ghozali, I. (2019). *Aplikasi Analisis Multivariete*. Universitas Dipenogoro.
- Gökgöz, F., & Güvercin, M. T. (2018). Investigating the total factor productivity changes in the top ICT companies worldwide. *Electronic Commerce Research*, 18(4), 791–811. <https://doi.org/10.1007/S10660-017-9285-4/TABLES/6>
- Hanggana. (2006). *Tujuan Pengendalian Persediaan Bahan*.
- Hisali, E., & Yawe, B. (2011). Total factor productivity growth in Uganda's telecommunications industry. *Telecommunications Policy*, 35(1), 12–19. <https://doi.org/10.1016/J.TELPOL.2010.10.004>
- Indotelko. (2021). *Mengapa perlu pakai 4G, Ini alasannya*. <https://www.indotelko.com/read/1614122224/kenapa-perlu-pakai-4g-ini-alasannya>
- Indrawati. (2015). *Metode Penelitian Manajemen dan Bisnis Konvergensi Teknologi Komunikasi dan Informasi* (Rachmi (ed.); 1st ed.). Refika Aditama.
- Irwandy. (2019). *Efisiensi dan Produktifitas Rumah Sakit: Teori dan Aplikasi Pengukuran dengan Pendekatan Data Envelopment Analysis*. <https://books.google.co.id/books?id=A8ysDwAAQBAJ&printsec=frontcover&hl=id#v=onepage&q&f=false>
- Katadata. (2021a). *Laba Bersih Telkom Naik 13,3% pada Semester I-2021*. <https://databoks.katadata.co.id/datapublish/2021/09/01/laba-bersih-telkom-naik-133-pada-semester-i-2021>
- Katadata. (2021b). *Telkomsel Jadi Operator Seluler dengan Pelanggan Terbanyak di Indonesia* / Databoks. <https://databoks.katadata.co.id/datapublish/2021/09/22/telkomsel-jadi-operator-seluler-dengan-pelanggan-terbanyak-di-indonesia>
- KEMENPERIN. (2003). *UNDANG-UNDANG REPUBLIK INDONESIA NOMOR 13 TAHUN 2003*.
- Kominfo. (2021). *Jumlah Pelanggan Telepon Seluler Tumbuh 4,2% pada 2020* / Databoks. <https://databoks.katadata.co.id/datapublish/2021/10/14/jumlah-pelanggan-> Katadata.

telepon-seluler-tumbuh-42-pada-2020

- Kompas. (2019). *Tiga Sebab Turunnya Industri Telekomunikasi di 2018 Menurut Telkomsel* Halaman all - Kompas.com. <https://tekno.kompas.com/read/2019/05/01/14170027/tiga-sebab-turunnya-industri-telekomunikasi-di-2018-menurut-telkomsel?page=all>
- Lau, P. T. Y., & Lam, N. (2014). Akuntansi Keuangan Intermediate Financial Reporting. *Jakarta: Salemba Empat*.
- Lestari, A. W., & Firdausi, F. (2016). PELAKSANAAN SISTEM REWARD DAN PUNISHMENT DI LINGKUNGAN KEMENTERIAN KEUANGAN DALAM UPAYA MENINGKATKAN KEDISIPLINAN PEGAWAI (Studi pada Kantor Pelayanan Perbendaharaan Negara/KPPN, Kudus). *REFORMASI*, 6(1). <https://doi.org/10.33366/RFR.V6I1.678>
- Majumdar, S., & Asgari, B. (2017). Performance Analysis of Listed Companies in the UAE-Using DEA Malmquist Index Approach. *American Journal of Operations Research*, 7, 133–151. <https://doi.org/10.4236/ajor.2017.72010>
- Melfianora, M. (2019). Penulisan Karya Tulis Ilmiah Dengan Studi Literatur. *Open Science Framework*, 12(1), 14-26.
- Mokhtari, M., Bayat, P., & Motameni, H. (2021). *Multi- Objective task scheduling using smart MPI-Based cloud resources*. <https://web.s.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=13359150&AN=151811204&h=Wn3cqKFLXvbLHreuVYr8qBIAICX4NV86Snn0fPAmcPnUWiXIzaHDRQNDVvFxUpRpyQ1fPf7GwF1CK3kE8kZUg%3D%3D&crl=c&resultNs=AdminWebAuth&resultLocal=Er>
- Nigam, V., Thakur, T., Sethi, V. K., & Singh, R. P. (2012). Benchmarking of Indian mobile telecom operators using DEA with sensitivity analysis. *An International Journal*, 19(2), 1463–5771. <https://doi.org/10.1108/14635771211224545>
- Nurfadillah, M. (2016). Analisis pengaruh Earning per share, debt to equity ratio dan return on equity terhadap harga saham PT.Unilever Indonesia Tbk. *Jurnal Manajemen Dan Akuntansi*, 12(1). <http://journal.stiei-kayutangi>

- bjm.ac.id/index.php/jma/article/view/32
- Nuryanto, & Pambuko, Z. B. (2018). *Eviews untuk Analisis Ekonometrika Dasar: Aplikasi dan Interpretasi*. UNIMMA PRESS.
- Octrina, F., & Setiawati, R. (2019). Competitiveness of Indonesian banking industry based on commercial bank business group: Panzar Rosse Model. *Jurnal Perspektif Pembangunan Dan Pembangunan Daerah*, 7(1), 37–48. <https://doi.org/10.22437/ppd.v7i1.7475>
- Octrina, F., Setiawati, R., Asnawi, A., & Komala, R. (2020). *Produktivitas Perbankan Indonesia Dengan Pendekatan Malmquist Index Productivity*. <http://ejurnal.ars.ac.id/index.php/jsm/article/view/186/125>
- Oyerinde, Y., & Bankole, F. (2019). *Measuring Efficiency and productivity of ICT Infrastructure Utilization*. April, 1–21.
- Pambuko, Z., Usman, N., & Andriyani, L. (2019). *Analisis Produktivitas Finansial dan Sosial pada Perbankan Syariah di Indonesia*. Magelang:UNIMMMA PRESS. [https://books.google.co.id/books?hl=id&lr=&id=EtaRDwAAQBAJ&oi=fnd&pg=PR1&dq=Pambuko,+Z.+B.,+Usman,+N.,+%26+Andriyani,+L.+\(2019\)+.Analisis+Produktivitas+Finansial+dan+Sosial+pada+Perbankan+Syariah+di+Indonesia.+Magelang:+UNIMMA+PRESS.&ots=043xJK3uDE&sig=G3](https://books.google.co.id/books?hl=id&lr=&id=EtaRDwAAQBAJ&oi=fnd&pg=PR1&dq=Pambuko,+Z.+B.,+Usman,+N.,+%26+Andriyani,+L.+(2019)+.Analisis+Produktivitas+Finansial+dan+Sosial+pada+Perbankan+Syariah+di+Indonesia.+Magelang:+UNIMMA+PRESS.&ots=043xJK3uDE&sig=G3)
- Pandoyo & Sofyan. (2018). Metodologi Penelitian Keuangan dan Bisnis. *Bogor: In Media*.
- Radjab, E., & Jam'an, A. (2017). *Metodologi Penelitian Bisnis*. Lembaga Perpustakaan dan Penerbitan Universitas Muhammadiyah Makassar.
- Rani, L. N., Widiastuti, T., & Rusydiana, A. S. (2018). *Comparative Analysis of Islamic Bank's Productivity and Conventional Bank's in Indonesia Period 2008-2016*. January, 118–123. <https://doi.org/10.5220/0007077901180123>
- Rizky Putra, R., Syifadhiya, S., Aji Widayastiti, S., & kar Bagus Pambuko, Z. (2018). Analisis Produktivitas Perbankan Syariah di Indonesia dalam Mengelola Dana Sosial. *JESI (Jurnal Ekonomi Syariah Indonesia)*, 8(1), 74–80. [https://doi.org/10.21927/JESI.2018.8\(1\).74-80](https://doi.org/10.21927/JESI.2018.8(1).74-80)
- Rusydiana, A. S. (2018). Indeks malmquist untuk pengukuran efisiensi dan

- produktivitas bank syariah di Indonesia. *Jurnal Ekonomi Dan Pembangunan*.
- Sekaran, U., & Bougie, R. (2016). *Research Methods For Business: A Skill Building Approach (7th ed.)*. John Wiley & Sons.
- Shao, B. B. M., & Lin, W. T. (2016). Assessing output performance of information technology service industries: Productivity, innovation and catch-up. *International Journal of Production Economics*, 172, 43–53. <https://doi.org/10.1016/j.ijpe.2015.10.026>
- Shields, J., Rooney, J., Brown, M., & Kaine, S. (2020). *Managing employee performance and reward : systems, practices and prospects*. 535.
- Statista. (2020). • *Global mobile revenue worldwide 2014-2025* / Statista. <https://www.statista.com/statistics/935391/revenue-trends-of-mobile-telcos-worldwide/>
- Statista. (2021). • *Indonesia: fixed broadband subscription growth 2019* | Statista. <https://www.statista.com/statistics/684585/indonesia-fixed-broadband-subscription-growth/>
- Sugiyono. (2013). *Metode Penelitian Pendidikan Pendekatan Kuantitatif, Kualitatif dan R&D*.
- Sugiyono. (2016). *Metode Penelitian Kuantitatif, Kualitatif, dan R&D*. Alfabeta.
- Sugiyono. (2019). *Statistika untuk Penelitian (Cetakan ke-30)*. Bandung: Cv Alfabeta.
- Sumarni, M., & Suprihanto, J. (2014). *Pengantar Bisnis Dasar-Dasar Ekonomi Perusahaan*.
- Supriyanto, & Brodoastuti, T. (2012). *Faktor-Faktor Yang Mempengaruhi Produktivitas (Studi Pada Karyawan Bagian Produksi PT Nusantara Building Industries) The Factors That Influence The Productivity (A Study Of The Employees Of Production Department At PT Nusantara Building Industries) SUPRIY*.
- Telkom Indonesia, T. (2021). *Telkom*. https://www.telkom.co.id/sites/about-telkom/id_ID/page/profil-dan-riwayat-singkat-22
- UII. (2021). *Negara Berkembang Semakin Berdaya dengan Kemajuan Teknologi Informasi - UII*. <https://www.uii.ac.id/negara-berkembang-semakin-berdaya->

- dengan-kemajuan-teknologi-informasi/
- Wang, C. N., Nguyen, T. D., & Le, M. D. (2019). Assessing Performance Efficiency of Information and Communication Technology Industry-Forecasting and Evaluating: The Case in Vietnam. *Applied Sciences 2019, Vol. 9, Page 3996*, 9(19), 3996. <https://doi.org/10.3390/APP9193996>
- Wulan Sari, D., & Sulistyaningsih, L. (2021). Intertemporal Efficiency and Productivity Changing on Telecommunication Industry (TI) in ASEAN-5. *JDE (Journal of Developing Economies)*, 6(1), 123–136. <https://doi.org/10.20473/JDE.V6I1.21665>
- Zhu, W., Zhu, Y., & Yu, Y. (2019). China's regional environmental efficiency evaluation: a dynamic analysis with biennial Malmquist productivity index based on common weights. *Environmental Science and Pollution Research 2019 27:32*, 27(32), 39726–39741. <https://doi.org/10.1007/S11356-019-06966-2>