

REFERENCES

- Akala, C. S. (2022). *The risk-return characteristics of ESG and impact investments*.
- Alkurdi, A., Almarayeh, T., Bataineh, H., Al Amosh, H., & Khatib, S. F. A. (2024). Corporate profitability and effective tax rate: the moderating role of board gender diversity. *Journal of Islamic Accounting and Business Research*, 15(1), 153–171. <https://doi.org/10.1108/JIABR-05-2022-0122>
- Alvarez-Perez, H., Diaz-Crespo, R., & Gutierrez-Fernandez, L. (2024). ESG investing versus the market: returns and risk analysis and portfolio diversification in Latin-America. *Academia Revista Latinoamericana de Administracion*, 37(1), 78–100. <https://doi.org/10.1108/ARLA-02-2023-0033>
- Anderson, D. R., Sweeney, D. J., Williams, T. A., Camm, J. D., & Cochran, J. J. (2014). *Statistics for Business & Economics-Cengage*.
- Arora, A., & Sharma, D. (2022). *Do Environmental, Social and Governance (ESG) Performance Scores Reduce the Cost of Debt? Evidence from Indian firms*.
- Atalay, M. O., Altin, M., & Al Ani, M. K. (2025). From diversity to sustainability: How board meeting frequency, financial performance and foreign members enhance the board gender diversity – ESG performance link. *Borsa Istanbul Review*. <https://doi.org/10.1016/j.bir.2025.02.007>
- Aydoğmuş, M., Gülay, G., & Ergun, K. (2022). Impact of ESG performance on firm value and profitability. *Borsa Istanbul Review*, 22, S119–S127. <https://doi.org/10.1016/J.BIR.2022.11.006>
- Baum, C. (2024). *XTTEST3: Stata module to compute Modified Wald statistic for groupwise heteroskedasticity*. <https://EconPapers.repec.org/RePEc:boc:bocode:s414801>
- Berg, F., Kölbel, J. F., & Rigobon, R. (2022). Aggregate Confusion: The Divergence of ESG Ratings. *Review of Finance*, 26(6), 1315–1344. <https://doi.org/10.1093/ROF/RFAC033>
- Bermejo Climent, R., Garrigues, I. F. F., Paraskevopoulos, I., & Santos, A. (2021). Esg disclosure and portfolio performance. *Risks*, 9(10). <https://doi.org/10.3390/risks9100172>
- Bukreeva, A., & Grishunin, S. (2024). ESG Risks and Their Impact on the Creditworthiness of Companies. *Procedia Computer Science*, 242, 766–772. <https://doi.org/10.1016/j.procs.2024.08.192>

- CFI Team. (2024). *Risk-Adjusted Return Ratios - Definition, Types*. <https://corporatefinanceinstitute.com/resources/wealth-management/risk-adjusted-return-ratios/>
- Cho, J. H., & Lee, J. H. (2022). *ESG, Chaebols and Stock Price Crash* †. <https://ssrn.com/abstract=4741664>
- Cho, S., Jeong, Y. S., & Huh, J. H. (2024). Is South Korea's 2050 Carbon-Neutral scenario sufficient for meeting greenhouse gas emissions reduction goal? *Energy for Sustainable Development*, 80. <https://doi.org/10.1016/j.esd.2024.101447>
- Choi, S. Y., Ryu, D., & You, W. (2024). ESG activities and financial stability: The case of Korean financial firms. *Borsa Istanbul Review*, 24(5), 945–951. <https://doi.org/10.1016/J.BIR.2024.05.007>
- Cong, Y., & Freedman, M. (2011). Corporate governance and environmental performance and disclosures. *Advances in Accounting*, 27(2), 223–232. <https://doi.org/10.1016/j.adiac.2011.05.005>
- Creswell, J. W., & Creswell J. David. (2018). *Research Design Qualitative, Quantitative, Mixed Methods Approaches* (Fifth Edition, Ed.). Sage Publications, Inc.
- Crippa, Monica., Guizzardi, Diego., Pagani, Federico., Banja, Manjola., Muntean, Marilena., Schaaf, Edwin., Monforti-Ferrario, Fabio., Becker, W. Edward., Quadrelli, Roberta., Riskey Martin, A. ., Taghavi-Moharamli, Pouya., Köykkä, Juha., Grassi, Giacomo., Rossi, Simone., Mello, Joana., Oom, Duarte., Branco, Alfredo., San-Miguel, Jesus., Manca, Giovanni., ... Pekar, Ferenc. (2024). *GHG emissions of all world countries 2024*. Publications Office of the European Union.
- Dahmen, I., & Chouaibi, J. (2024). The effect of audit committee effectiveness on climate change disclosure commitment: international evidence. *EuroMed Journal of Business*. <https://doi.org/10.1108/EMJB-12-2023-0343>
- Dicuonzo, G., Palmaccio, M., & Shini, M. (2024). ESG, governance variables and Fintech: An empirical analysis. *Research in International Business and Finance*, 69. <https://doi.org/10.1016/j.ribaf.2023.102205>
- Dowling, J., & Pfeffer, J. (1975). Pacific Sociological Association Organizational Legitimacy: Social Values and Organizational Behavior. In *Source: The Pacific Sociological Review* (Vol. 18, Issue 1).
- Dudley, R. (2023). *The Shapiro–Wilk test for normality*. 465. <https://klein.mit.edu/~rmd/46512/shapiro.pdf>

- Egorova, A. A., Grishunin, S. V., & Karminsky, A. M. (2021). The Impact of ESG factors on the performance of Information Technology Companies. *Procedia Computer Science*, 199, 339–345. <https://doi.org/10.1016/j.procs.2022.01.041>
- Freeman R. Edward. (1984). *Strategic Management: A Stakeholder Approach*. Pitman Publishing Inc. <https://doi.org/https://doi.org/10.1017/CBO9781139192675>
- Gold, R. (2019). *PG&E: The First Climate-Change Bankruptcy, Probably Not the Last*. <https://www.wsj.com/articles/pg-e-wildfires-and-the-first-climate-change-bankruptcy-11547820006>
- GSIA. (2023). *Global Sustainable Investment Review 2022*.
- Gupta, H., & Chaudhary, R. (2023). An Analysis of Volatility and Risk-Adjusted Returns of ESG Indices in Developed and Emerging Economies. *Risks*, 11(10). <https://doi.org/10.3390/risks11100182>
- Hasnaoui, A. (2025). ESG ratings and investment performance: evidence from tech-heavy mutual funds. *Review of Accounting and Finance*. <https://doi.org/10.1108/RAF-02-2024-0069>
- Hyundai. (2024). *Human Rights and Human Resources Management*.
- ITA. (2023). *South Korea Country Commercial Guide - Information and Communication Technology*. <https://www.trade.gov/country-commercial-guides/south-korea-information-and-communication-technology>
- Ji, C., Hong, T., & Kim, H. (2022). Statistical analysis of greenhouse gas emissions of South Korean residential buildings. *Renewable and Sustainable Energy Reviews*, 156. <https://doi.org/10.1016/j.rser.2021.111981>
- Jin, I. (2020). ESG-Screening and Factor-Risk-Adjusted Performance: the Concentration Level of Screening Does Matter. *Journal of Sustainable Finance and Investment*, 12(4), 1125–1145. <https://doi.org/10.1080/20430795.2020.1837501>
- Jurado-Caraballo, M. Á., & Quintana-García, C. (2024). Disability inclusion in workplaces, firm performance, and reputation. *European Management Journal*. <https://doi.org/10.1016/J.EMJ.2024.08.001>
- KLRI. (2021). *Acton on Welfare of Persons with Disabilities*. https://elaw.klri.re.kr/eng_mobile/viewer.do?hseq=7761&type=sogan&key=10
- KPMG. (2024). *Evolution of sustainability reporting in Asia Pacific*.
- Kwon, H. J., Moon, C., & Kim, J. (2023). The impact of female board directors on effective investment management: evidence from Korean firms. *Gender in*

- Management*, 38(6), 705–729. <https://doi.org/10.1108/GM-04-2022-0131/FULL/XML>
- Lari, M. (2024). A longitudinal study on the impact of occupational health and safety practices on employee productivity. *Safety Science*, 170, 106374. <https://doi.org/10.1016/J.SSCI.2023.106374>
- Liao, L., Luo, L., & Tang, Q. (2015). Gender diversity, board independence, environmental committee and greenhouse gas disclosure. *British Accounting Review*, 47(4), 409–424. <https://doi.org/10.1016/j.bar.2014.01.002>
- Løge, E., Sandsdalen, C., & Sandsdalen, C. M. (2022). *Carbon emissions impact on stock performance for IT companies*.
- Markowitz, H. (1952). PORTFOLIO SELECTION. *The Journal of Finance*, 7(1), 77–91. <https://doi.org/10.1111/j.1540-6261.1952.tb01525.x>
- Masi, S. De, Słomka-Gołębiowska, A., Becagli, C., & Paci, A. (2021). Toward sustainable corporate behavior: The effect of the critical mass of female directors on environmental, social, and governance disclosure. *Business Strategy and the Environment*, 30(4), 1865–1878. <https://doi.org/10.1002/bse.2721>
- Mbah, A. K., & Paothong, A. (2015). Shapiro–Francia test compared to other normality test using expected p-value. *Journal of Statistical Computation*, 85(15), 3002–3016. <https://doi.org/10.1080/00949655.2014.947986>
- MCSI. (2023). *Women on Boards: Progress Report 2022*.
- Merton, R. C. (1980). ON ESTIMATING THE EXPECTED RETURN ON THE MARKET An Exploratory Investigation. *Journal of Financial Economics*, 8.
- MOEL. (2021). *Occupational Safety and Health*. <https://www.moel.go.kr/english/policy/occupational.do>
- Morningstar Sustainalytics. (2025). *Global Sustainable Fund Flows: Q4 2024 in Review*.
- Mounir, A. (2025). Curvature and the mean-variance-ESG frontier: A new measure of risk-return-ESG trade-offs. *Finance Research Letters*, 74. <https://doi.org/10.1016/j.frl.2025.106765>
- Naseer, M. M., Guo, Y., & Zhu, X. (2024). ESG trade-off with risk and return in Chinese energy companies. *International Journal of Energy Sector Management*, 18(5), 1109–1126. <https://doi.org/10.1108/IJESM-07-2023-0027>
- Omran, M. A., & Ramdhony, D. (2015). Theoretical Perspectives on Corporate Social Responsibility Disclosure: A Critical Review. *International Journal of*

Accounting and Financial Reporting, 5(2), 38.
<https://doi.org/10.5296/ijaf.v5i2.8035>

Parameswaran, S. (2022). *Fundamentals of Financial Instruments - An Introduction to Stocks, Bonds, Foreign Exchange, and Derivatives* (Second Edition). John Wiley & Sons Singapore Pte. Ltd. www.WileyFinance.com.

Park, N., Kim, M., Kim, T., Lee, J.-J., & Jung, Y. (2023). *2022 Korea ESG Finance White Paper*. www.kosif.org

Pushpalatha, E. (2024). Risk-Return Trade-Off In Blue Chip Mutual Funds: An Evaluation Using Sharpe, Treynor, And Jensen Measures In The Banking Sector. *Educational Administration: Theory and Practice*, 429–438.
<https://doi.org/10.53555/kuey.v30i1.2600>

Putri, A., Adrianto, F., & Rahim, R. (2025). The Influence of Environmental, Social and Governance Performance on Financial Performance with Company Type as Moderator. *Journal of Accounting and Finance Management*, 5(6), 1680–1690. <https://doi.org/10.38035/jafm.v5i6>

Randombage, S., & Fernando, N. (2024). *ESG Rating Impact On Risk Adjusted Return Empirical Evidence-FinTech Industry*.

Saldi, W. A. I., Adrianto, F., & Hamidi, M. (2023). ESG and dividend policy in Indonesia. *Journal of Social Research*, 2(3).
https://scholar.google.co.id/citations?view_op=view_citation&hl=en&user=Lt4DpqkAAAAJ&citation_for_view=Lt4DpqkAAAAJ:u5HHmVD_uO8C

Samsung Newsroom. (2024). *Samsung Electronics Joins the Carbon Trust in Launching New Way To Measure Carbon Impact of Connected Devices – Samsung Newsroom Australia*. <https://news.samsung.com/au/samsung-electronics-joins-the-carbon-trust-in-launching-new-way-to-measure-carbon-impact-of-connected-devices>

Sari, N. D., Rahim, R., & Adrianto, F. (2024). The Influence of Female Directors, the Size of the Board of Directors, and Digital Transformation on Environmental, Social, and Governance (ESG) Disclosure. *Jurnal Ekonomi*, 13(03), 1112–1125. <https://doi.org/10.54209/ekonomi.v13i03>

Scharrenburg, D. van. (2024). *The impact of Environmental, social, and governance (ESG) on risk-adjusted performance in the oil and gas sector in Europe CC-BY-NC*.

Sekaran, U., & Bougie, R. (2016). *Research Methods for Business* (Seventh Edition). www.wileypluslearningspace.com

Shanaev, S., & Ghimire, B. (2022). When ESG meets AAA: The effect of ESG rating changes on stock returns. *Finance Research Letters*, 46.
<https://doi.org/10.1016/j.frl.2021.102302>

- Sharpe, W. F. (1966). Mutual Fund Performance. *The Journal of Business*, 39(S1), 119. <https://doi.org/10.1086/294846>
- Shofira, I. (2022). *PENGARUH OPERATING LEVERAGE, FINANCIAL LEVERAGE DAN COMBINATION LEVERAGE TERHADAP EARNING PER SHARE (EPS) PADA PERUSAHAAN SUB SEKTOR ROKOK YANG TERDAFTAR DI BEI TAHUN 2016-2020*.
- Sugiyono. (2013). *METODE PENELITIAN KUANTITATIF KUALITATIF DAN R&D*. Alfabeta.
- Suretno, F., Adrianto, F., & Alfarisi, M. F. (2022). Effect of Environment, Social and Governance Disclosure on Firm Value. *JBTI : Jurnal Bisnis : Teori Dan Implementasi*, 13(2), 121–128. <https://doi.org/10.18196/JBTI.V13I2.14458>
- Trahan, R. T., Jantz, B., & Ryan Thomas Trahan, C. (2023). What is ESG? Rethinking the “E” pillar. *Business Strategy and the Environment*, 32(7), 4382–4391. <https://doi.org/10.1002/BSE.3371>
- UNFCCC. (2015). *ADOPTION OF THE PARIS AGREEMENT - Paris Agreement text* English. https://unfccc.int/files/meetings/paris_nov_2015/application/pdf/paris_agreement_english_.pdf
- Valadkhani, A., & O’Mahony, B. (2025). Sustainable investing in extreme market conditions: doing well while doing good. *Journal of Economic Studies*. <https://doi.org/10.1108/JES-11-2023-0626>
- Venter, P. , Van Zyl, D. , Van Rensburg, W., P., J., R. P. , & Smit, E. (2017). *Economic & Management Research* (1st edition). Oxford University Press Southern Africa.
- Venturini, A. (2022). Climate change, risk factors and stock returns: A review of the literature. *International Review of Financial Analysis*, 79, 101934. <https://doi.org/10.1016/J.IRFA.2021.101934>
- Vishnoi, A., Lee, Y., & Cheng, J. (2024). *Grim Milestones Pile Up as Asia Bears Brunt of Stock Selloff - Bloomberg*. Bloomberg. <https://www.bloomberg.com/news/articles/2024-08-05/korea-s-kospi-index-plunges-takes-losses-from-july-peak-to-10>