

DAFTAR PUSTAKA

- Abulela, M. A. A. (2024). Development and initial validation of a creative self-efficacy scale for undergraduates : categorical confirmatory factor analysis and multidimensional item response theory. *Frontiers in Education, January*. <https://doi.org/10.3389/feduc.2023.1306532>
- Achuthan, K. (2025). Artificial intelligence and learner autonomy: a meta-analysis of self-regulated and self-directed. *Frontiers in Education, December*. <https://doi.org/10.3389/feduc.2025.1738751>
- Allen, L. K., & Kendeou, P. (2024). ED-AI Lit: An Interdisciplinary Framework for AI Literacy in Education. *Policy Insights from the Behavioral and Brain Sciences, 11*. <https://doi.org/10.1177/23727322231220339>
- Almufarreh, A. (2024). Determinants of Students ' Satisfaction with AI Tools in Education : A PLS-SEM-ANN Approach. *Sustainability*. <https://doi.org/https://doi.org/10.3390/su16135354>
- Anders, A. D., & Speltz, E. D. (2025). Developing generative AI literacies through self-regulated learning: A human-centered approach. *Computers and Education: Artificial Intelligence, 9*(September), 100482. <https://doi.org/10.1016/j.caeai.2025.100482>
- Anthonymsamy, L. (2021). The use of metacognitive strategies for undisrupted online learning : Preparing university students in the age of pandemic. *Education and Information Technologies, 6881–6899*. <https://doi.org/10.1007/s10639-021-10518-y>
- Arrafii, M., Sumarsono, D., & Suadiyatno, T. (2025). Self-regulated learning strategies in distance education: Insights from Indonesia. *Journal of Pedagogical Sociology and Psychology, 7*(4). <https://doi.org/https://doi.org/10.33902/jpsp.202534897> Research
- Asio, J. M. R. (2024). AI Literacy, Self-Efficacy, and Self-Competence Among College Students: Variances and Interrelationships Among Variables. *Malaysian Online Journal of Educational Sciencesd, 12*(July), 44–60.
- Badan Pusat Statistik Indonesia. (2024). *Tingkat Pengangguran Terbuka Berdasarkan Tingkat Pendidikan*. <https://www.bps.go.id/id/statistics-table/2/MTE3OSMy/tingkat-pengangguran-terbuka-berdasarkan-tingkat-pendidikan.html>
- Bandura, A. (1997). *Self-Efficacy: The Exercise of Control*. New York: W. H. Freeman. https://www.academia.edu/28274869/Albert_Bandura_Self_Efficacy_The_E

xercise_of_Control_W_H_Freeman_and_Co_1997_pdf?auto=download

- Banihashem, S. K., Bond, M., Bergdahl, N., Khosravi, H., & Noroozi, O. (2025). A systematic mapping review at the intersection of artificial intelligence and self-regulated learning. *International Journal of Educational Technology in Higher Education*. <https://doi.org/https://doi.org/10.1186/s41239-025-00548-8> International
- Bećirović, S., Polz, E., & Tinkel, I. (2025). Exploring students' AI literacy and its effects on their AI output quality, self-efficacy, and academic performance. *Smart Learning Environments*, 3. <https://doi.org/10.1186/s40561-025-00384-3>
- Carolus, A., Koch, M. J., Straka, S., Erich, M., & Wienrich, C. (2023). MAILS - Meta AI literacy scale: Development and testing of an AI literacy questionnaire based on well-founded competency models and psychological change- and meta-competencies. *Computers in Human Behavior: Artificial Humans*, 1(2), 100014. <https://doi.org/10.1016/j.chbah.2023.100014>
- Chai, J., & Ye, J. (2024). A social network analysis of college students' online learning during the epidemic era: A triadic reciprocal determinism perspective. *Heliyon*, 10(6), e28107. <https://doi.org/10.1016/j.heliyon.2024.e28107>
- Changalima, I. A., & Chuwa, M. P. (2025). Partial Least Squares Structural Equation Modeling (PLS-SEM) in business research : A simple guide for novice researchers Ismail Abdi Changalima , Michael Patrick Chuwa To cite this version : HAL Id : hal-05475743 Research in Business & Social Science P. *International Journal of Research in Business and Social Science*. <https://doi.org/10.20525/ijrbs.v14i9.4601>
- Chinnaraju, A. (2025). *Partial least squares structural equation modeling (PLS-SEM) in the AI Era : Innovative methodological guide and framework for business research*. 13(02), 62–108.
- Cigdem, H., & Oncu, S. (2024). Understanding the Role of Self-Regulated Learning in Academic Success. A Blended Learning Perspective in Vocational Education. *Innoeduca. International Journal of Technology and Educational Innovation*, 10(1), 45–64. <https://doi.org/https://doi.org/10.24310/ijtei.101.2024.17432>
- Cruchinho, P., López-franco, M. D., Capelas, M. L., Almeida, S., Bennett, P. M., Miranda, M., Teixeira, G., Nunes, E., Lucas, P., & Gaspar, F. (2024). Translation , Cross-Cultural Adaptation , and Validation of Measurement Instruments : A Practical Guideline for Novice Researchers. *Journal of Multidisciplinary Healthcare*, March 2024. <https://doi.org/https://doi.org/10.2147/JMDH.S419714>

- Dehbozorgi, M. H., Rossi, M., Terzi, S., Carminati, L., Sala, R., Magni, F., Pirola, F., Pozzi, R., Strozzi, F., & Rossi, T. (2024). AI Education for Tomorrow's Workforce: Leveraging Learning Factories for AI Education and Workforce Preparedness. *2024 IEEE 8th Forum on Research and Technologies for Society and Industry Innovation (RTSI)*, 677–682. <https://doi.org/10.1109/RTSI61910.2024.10761217>
- Demir, S., & Uşak, M. (2025). Analyzing the Implementation of PLS-SEM in Educational Technology Research: A Review of the Past 10 Years. *SAGE Publications, June*, 1–23. <https://doi.org/10.1177/21582440251345950>
- Demirci, S. Ç., Besalti, M., & Kul, Ü. (2026). Psychometric validation of the Turkish Brief General AI Self-Efficacy Scale : examining its role in AI anxiety , acceptance , and demographic predictors. *Frontiers in Psychology, February*, 1–15. <https://doi.org/10.3389/fpsyg.2026.1714147>
- Edisherashvili, N., Saks, K., Pedaste, M., & Leijen, Ä. (2022). Supporting Self-Regulated Learning in Distance Learning Contexts at Higher Education Level : Systematic Literature Review. *Frontiers in Psychology, 12*(January). <https://doi.org/10.3389/fpsyg.2021.792422>
- Farmanesh, P., Vehbi, A., & Dehkordi, N. S. (2025). AI Literacy in Achieving Sustainable Development Goals: The Interplay of Student Engagement and Anxiety Reduction in Northern Cyprus Universities. *Sustainability (Switzerland), 17*. <https://doi.org/https://doi.org/10.3390/su17114763>
- Fuente, J. De, Martínez-vicente, J. M., Santos, F. H., Sander, P., Fadda, S., Karagiannopoulou, E., Boruchovitch, E., & Kauffman, D. F. (2022). Advances on Self-Regulation Models: A New Research Agenda Through the SR vs ER Behavior Theory in Different Psychology Contexts. *Frontiers in Psychology, 13*(July). <https://doi.org/10.3389/fpsyg.2022.861493>
- Funda, V. (2025). Exploring AI Literacy Levels Among University Students Through the Lens of Self-Efficacy: A Case Study From a Historically Disadvantaged University. *Indonesian Journal of Informatics Education, 9*(2).
- Gambo, Y., & Shakir, M. Z. (2021). Review on self-regulated learning in smart learning environment. *Smart Learning Environments, 8*(1), 12. <https://doi.org/10.1186/s40561-021-00157-8>
- García-álvarez, D., Cobo-rendón, R., & Lobos, K. (2024). Character strengths as predictors of general and academic self-efficacy in university students. *Frontiers in Psychology, December*, 1–10. <https://doi.org/10.3389/fpsyg.2024.1490095>
- Getenet, S., Cante, R., Redmond, P., & Albion, P. (2024). Students ' digital technology attitude , literacy and self - efficacy and their effect on online

- learning engagement. *International Journal of Educational Technology in Higher Education*. <https://doi.org/10.1186/s41239-023-00437-y>
- Guillén-Gámez, F. D., Ruiz-Palmero, J., & García, M. G. (2023). Digital competence of teachers in the use of ICT for research work : development of an instrument from a PLS- SEM approach. *Education and Information Technologies*, 16509–16529. <https://doi.org/https://doi.org/10.1007/s10639-023-11895-2>
- Gunisty, Noviany, D., & Prihadi, D. (2024). *METODOLOGI PENELITIAN MODERN: Panduan SmartPLS yang Praktis untuk Peneliti (Dilengkapi dengan studi kasus)* (Bei Harira). Badan Penerbit Universitas Pancasakti Tegal Anggota.
- Gutierrez, K. S., Kidd, J. J., Lee, M. J., Pazos, P., Kaipa, K., Ringleb, S. I., & Ayala, O. (2022). Undergraduate Engineering and Education Students Reflect on Their Interdisciplinary Teamwork Experiences Following Transition to Virtual Instruction Caused by COVID-19. *Education Sciences*. <https://doi.org/https://doi.org/10.3390/educsci12090623>
- Hair, J., & Alamer, A. (2022). Research Methods in Applied Linguistics Partial Least Squares Structural Equation Modeling (PLS-SEM) in second language and education research : Guidelines using an applied example. *Research Methods in Applied Linguistics*, 1(3), 100027. <https://doi.org/10.1016/j.rmal.2022.100027>
- Hair, J. F., Hult, G. T. M., Ringle, C. M., Sarstedt, M., Danks, N. P., & Ray, S. (2021). *Partial Least Squares Structural Equation Modeling (PLS-SEM) Using R*. Springer Nature. https://doi.org/https://doi.org/10.1007/978-3-030-80519-7_1
- Hair, J. F., Sharma, P. N., Sarstedt, M., Ringle, C. M., & Liengaard, B. D. (2024). The shortcomings of equal weights estimation and the composite equivalence index in PLS-SEM. *European Journal of Marketing*. <https://doi.org/10.1108/EJM-04-2023-0307>
- Hashmi, Z. F., Iqbal, J., Asghar, M. Z., & Siming, L. (2026). The influence of online learning interactions on self-regulated learning : mediating role of technology proficiencies among higher education students. *Open Learning: The Journal of Open, Distance and e-Learning*, 41(1), 41–66. <https://doi.org/10.1080/02680513.2025.2492657>
- Hernandez-Arriaza, Marta, Muñoz-San Roque, Isabel, Aza-Blanc, Gonzalo, & Arribas-Marin, Juan. (2025). Test of the Social Cognitive Model of Well-Being Among Vocational Education and Training Students in Spain. *Journal of Career Assessment*, 34(1), 134–150. <https://doi.org/10.1177/10690727251319044>

- Hussain, A., Ahmad, P., Ahmad, S., & Khan, S. (2026). Digital Literacy and Competencies in Libraries and Information Centers: Global Research Trends and Knowledge Mapping. *The International Information & Library Review*, 1–15. <https://doi.org/10.1080/10572317.2026.2627676>
- Ji, Y., Zhong, M., Lyu, S., Li, T., Niu, S., & Zhan, Z. (2025). How does AI literacy affect individual innovative behavior: the mediating role of psychological need satisfaction, creative self-efficacy, and self-regulated learning. *Education and Information Technologies*, 16133–16162. <https://doi.org/10.1007/s10639-025-13437-4>
- Jin, S. H., Im, K., Yoo, M., Roll, I., & Seo, K. (2023). Supporting students' self-regulated learning in online learning using artificial intelligence applications. *International Journal of Educational Technology in Higher Education*. <https://doi.org/10.1186/s41239-023-00406-5>
- Katadata Insight Center & Kementerian Komunikasi dan Informatika Republik Indonesia. (2022). *Status literasi digital Indonesia 2022*. <https://cdn1.katadata.co.id/media/microsites/litdik/ReportSurveiStatusLiterasiDigitalIndonesia2022.pdf>
- Kemendikbudristek. (2024). *Rapor Pendidikan Indonesia 2024. Pusat Data dan Teknologi Informasi (Pusdatin) Kemendikbudristek*.
- Kong, J., Liu, J., Chen, G., & Shang, W. (2025). Assessing AI literacy in college students: the mediating role of self-efficacy in motivational commitment pathways. *Education and Information Technologies*, 23957–23979. <https://doi.org/10.1007/s10639-025-13753-9>
- Legate, A. E., Jr, J. F. H., Chretien, J. L., & Risher, J. J. (2021). PLS-SEM: Prediction-oriented solutions for HRD researchers. *Human Resource Development Quarterly*, 1–19. <https://doi.org/10.1002/hrdq.21466>
- Long, D., & Magerko, B. S. (2025). What is AI Literacy? Competencies and Design Considerations. *Association for Computing Machinery (ACM)*, December. <https://doi.org/10.1145/3313831.3376727>
- Luo, R., & Zhou, Y. (2024). The effectiveness of self-regulated learning strategies in higher education blended learning: A five years systematic review. *Journal of Computer Assisted Learning*, 40(July), 3005–3029. <https://doi.org/10.1111/jcal.13052>
- Maulida, E., Kasofi, A., & Balqis. (2021). Peningkatan Pemahaman dan Kesiapan Generasi Muda dalam Menghadapi Tantangan Tempat Kerja Digital. *JPM Bakti Parahita : Jurnal Pengabdian Masyarakat Bakti Parahita*.
- Mohanraj, S. G. (2024). Defining the Potentials of Self-Regulated Learning through

Digital Environments: A Theoretical Perspective. In *Transforming Education for the 21st Century-Innovative Teaching Approaches* (p. 111).

- Nabila, F. S., Fakhri, M., Pradana, M., Kartawinata, B. R., & Silvianita, A. (2023). Measuring financial satisfaction of Indonesian young adults: a SEM-PLS analysis. *Journal of Innovation and Entrepreneurship*. <https://doi.org/10.1186/s13731-023-00281-4>
- Ng, D. T. K., Leung, J. K. L., Chu, K. W. S., & Qiao, M. S. (2021a). AI Literacy: Definition, Teaching, Evaluation and Ethical Issues. *Proceedings of the Association for Information Science and Technology*, 504–509. <https://doi.org/10.1002/pr2.487>
- Ng, D. T. K., Leung, J. K. L., Chu, S. K. W., & Qiao, M. S. (2021b). Conceptualizing AI literacy: An exploratory review. *Computers and Education: Artificial Intelligence*, 2, 100041. <https://doi.org/10.1016/j.caeai.2021.100041>
- Ng, D. T. K., Tan, C. W., & Leung, J. K. L. (2024). Empowering student self-regulated learning and science education through ChatGPT: A pioneering pilot study. *British Journal of Educational Technology*, August 2023, 1328–1353. <https://doi.org/doi.org/10.1111/bjet.13454>
- Pankiv, O., & Duranowski, W. (2025). AI Literacy for Skills Formation under Conditions of Accelerating Artificial Intelligence. *Warsaw Forum of Economic Sociology*, 16(31). <https://econjournals.sgh.waw.pl/wfes/article/view/5152>
- Rahman, M. K., Bhuiyan, M. A., Mainul Hossain, M., & Sifa, R. (2023). Impact of technology self-efficacy on online learning effectiveness during the COVID-19 pandemic. *Kybernetes*, 52(7), 2395–2415. <https://doi.org/10.1108/K-07-2022-1049>
- RAND Corporation. (2025). *AI Use in Schools Is Quickly Increasing but Guidance Lags Behind*.
- Riyanto, S., Mudofir, & Rohmadi, Y. (2025). Analysis of the alignment between vocational high school (SMK) study programs and the competency needs of the workforce based on regional requirements. *Jurnal Ilmiah Manajemen Kontigensi*, 13(1), 507–534. <https://doi.org/doi.org/10.56457/jimk.v13i1.611>
- Russo, D., & Stol, K.-J. (2021). PLS-SEM for Software Engineering Research: An Introduction and Survey. *ACM Computing Surveys (CSUR)*, 54(4). <https://doi.org/10.1145/3447580>
- Sabol, M., Hair, J., Cepeda, G., Roldán, J. L., & Chong, A. Y. L. (2023). PLS-SEM in information systems: seizing the opportunity and marching ahead full speed

- to adopt methodological updates. *Industrial Management & Data Systems*, 123(12), 2997–3017. <https://doi.org/10.1108/IMDS-07-2023-0429>
- Santa-Cruz-Espinoza, H., Chávez-Ventura, G., Dominguez-Vergara, J., & Merino-Soto, C. (2024). Acta Psychologica Occupational self-efficacy scale : Validity in teachers. *Acta Psychologica*, 249(March). <https://doi.org/10.1016/j.actpsy.2024.104441>
- Sarstedt, M., Hair, J. F., Ringle, C. M., & Liengard, B. D. (2022). Progress in partial least squares structural equation modeling use in marketing research in the last decade. *Psychology & Marketing*, January, 1035–1064. <https://doi.org/10.1002/mar.21640>
- Sarstedt, M., Jr, J. F. H., & Ringle, C. M. (2023). “PLS-SEM: indeed a silver bullet” – retrospective observations and recent advances. *Journal of Marketing Theory and Practice*, 31(3), 261–275. <https://doi.org/10.1080/10696679.2022.2056488>
- Schunk, D. H., & DiBenedetto, M. K. (2021). Self-efficacy and human motivation. In *Advances in Motivation Science* (1st ed., Vol. 8). Elsevier Inc. <https://doi.org/10.1016/bs.adms.2020.10.001>
- Shi, J., & Liu, W. (2025). Exploring How AI Literacy and Self-Regulated Learning Relate to Student Writing Performance and Well-Being in Generative AI-Supported Higher Education. *Behavioral Sciences*, 1–17. <https://doi.org/https://doi.org/10.3390/bs15050705>
- Sugiyono. (2023). *Metode Penelitian Kuantitatif, Kualitatif dan R&D*. ALFABETA.
- Surayya, N. N., & Sirait, T. (2024). DETERMINANTS MODELING OF UNDERNUTRITION IN TODDLERS IN ACEH PROVINCE : A PLS-SEM APPROACH. *BAREKENG: Journal of Mathematics and Its Applications*, 18(3), 1853–1864.
- Tadimalla, S. Y., & Maher, M. Lou. (2025). AI literacy as a core component of AI education. *AI Magazine*, February, 1–21. <https://doi.org/10.1002/aaai.70007>
- UNESCO. (2023). *Global education monitoring report, 2023: Technology in education: A tool on whose terms?* UNESCO Publishing. <https://doi.org/doi.org/10.54676/UZQV8501>
- Wang, K., Cui, W., & Yuan, X. (2025). Artificial Intelligence in Higher Education: The Impact of Need Satisfaction on Artificial Intelligence Literacy Mediated by Self-Regulated Learning Strategies. *Behavioral Sciences*, 1–24. <https://doi.org/https://doi.org/10.3390/bs15020165>
- Willie, M. M. (2024). Population and Target Population in Research Methodology.

Golden Ratio of Social Science and Education, 4(1), 75–79.
<https://doi.org/https://doi.org/10.52970/grsse.v4i1.405> Website:

- Woodcock, S., & Tournaki, N. (2023). Bandura's Triadic Reciprocal Determinism model and teacher self-efficacy scales: a revisit. *Teacher Development*, 27(1), 75–91. <https://doi.org/10.1080/13664530.2022.2150285>
- World Economic Forum. (2025). *Future of Jobs Report: INSIGHT REPORT JANUARY 2025* (Issue January). <https://www.weforum.org/publications/the-future-of-jobs-report-2025/>
- Xi, Y., & Yang, X. (2025). *Predicting AI Literacy and Self-Regulated Learning Ability Using Equation Modeling Predicting AI Literacy and Self-Regulated Learning Ability Using Support Vector Machine: An Empirical Analysis Based on Structural Equation Modeling*. July 2025. <https://doi.org/10.1145/3766557.3766607>
- Xu, J., Li, J., & Yang, J. (2024). Self-regulated learning strategies, self-efficacy, and learning engagement of EFL students in smart classrooms: A structural equation modeling analysis. *System*, 125(February), 103451. <https://doi.org/10.1016/j.system.2024.103451>
- Xu, X., Qiao, L., Cheng, N., & Liu, H. (2025). Enhancing self-regulated learning and learning experience in generative AI environments: The critical role of metacognitive support. *British Journal of Educational Technology*, November 2024, 1842–1863. <https://doi.org/10.1111/bjet.13599>
- Yang, Y., Cao, X., & Huo, X. (2021). The Psychometric Properties of Translating Self-Efficacy Belief: Perspectives From Chinese Learners of Translation. *Frontiers in Psychology*, 12(April). <https://doi.org/10.3389/fpsyg.2021.642566>
- Yang, Y., Wen, Y., & Song, Y. (2023). A Systematic Review of Technology-Enhanced Self-Regulated Language Learning. *Educational Technology & Society*, 26, 31–44. <https://doi.org/10.30191/ETS>.
- Zheng, Y., & Xiao, A. (2024). A structural equation model of online learning: investigating self-efficacy, informal digital learning, self-regulated learning, and course satisfaction. *Frontiers in Psychology*, January, 1–18. <https://doi.org/10.3389/fpsyg.2023.1276266>