

Daftar Pustaka

Allianz Indonesia. (2023). *Laporan tahunan 2023*. Jakarta: PT Asuransi Allianz Life Indonesia.

American Educational Research Association, American Psychological Association, & National Council on Measurement in Education. (2014). *Standards for educational and psychological testing*. American Educational Research Association.

Arslan, D., Tamul, O. F., Sahin, M. D., & Sak, U. (2023). Effects of gender norms on intelligence test: Evidence from ASIS. *Journal of Pedagogical Research*, 7(5), 374-384.

<https://doi.org/10.33902/IPR.202323599>

Baron-Cohen S. (2002). The extreme male brain theory of autism. *Trends in cognitive sciences*, 6(6), 248-254. [https://doi.org/10.1016/s1364-6613\(02\)01904-6](https://doi.org/10.1016/s1364-6613(02)01904-6)

Berrío, Á. I., Gómez-Benito, J., & Arias-Patiño, E. M. (2020). Developments and trends in research on methods of detecting differential item functioning. *Educational Research Review*, 31, 100340. <https://doi.org/10.1016/j.edurev.2020.100340>

Brand, C. O., Mesoudi, A., & Smaldino, P. E. (2021). Analogy as a catalyst for cumulative cultural evolution. *Trends in Cognitive Sciences*, 25(6), 450-462. <https://doi.org/10.1016/j.tics.2021.03.002>

Breland, H., & Lee, Y.-W. (2007). Investigating uniform and non-uniform gender DIF in computer-based ESL writing assessment. *Applied Measurement in Education*, 20(4), 377-403. <https://doi.org/10.1080/08957340701429652>

Burton, N. W., Welsh, C., Kostin, I., & van Essen, T. (2009). Toward a definition of verbal reasoning in higher education. *ETS Research Report Series*, 2009(2), 1-41. <https://doi.org/10.1002/j.2333-8504.2009.tb02190.x>

Cohen J. (1992). A power primer. *Psychological bulletin*, 112(1), 155–159.

<https://doi.org/10.1037//0033-2909.112.1.155>

Coyle, T., Snyder, A., Pillow, D., & Kochunov, P. (2011). SAT predicts gpa better for high ability subjects: Implications for spearman's law of diminishing returns. *Personality and Individual Differences*, 50(4), 470-474. <https://doi.org/10.1016/j.paid.2010.11.009>

Darandari, E. Z. & Almeri, M. A. (2025). Performance differences with and without differential item functioning in the post graduate admission test in Saudi Arabia based on gender and ability level. *Frontier in Psychology*, 16, 1515316. <https://doi.org/10.3389/fpsyg.2025.1515316>

Dorans, N. J. & Holland, P. W. (1992). *Dif detection and description: Mantel-haenszel and standardization*. Educational Testing Service.

Duncan, S. C. (2006). *Improving the prediction of differential item functioning: A comparison of the use of an effect size logistic regression dif and mantel-haenszel dif methods*. Texas A&M University.

Educational Content Team. (2025, November 18). Analytical reasoning overview. Cogn-IQ. <https://www.cogn-iq.org/learn/theory/analytical-reasoning/#overview>

Evans, J. St. B. T. (2011). Dual-process theories of reasoning: Contemporary issues and developmental applications. *Developmental Review*, 31(2–3), 86–102. <https://doi.org/10.1016/j.dr.2011.07.007>

Furr, R. M. (2021). *Psychometrics: an introduction*. SAGE publications.

Gnambs, T. (2017). Human capital and reemployment success: The role of cognitive abilities and personality. *Journal of Intelligence*, 5(1), 9-21. <https://doi.org/10.3390/jintelligence5010009>

- Gómez-Benito, J., Sireci, S., Padilla, J.-L., Hidalgo, M., & Benítez, I. (2018). Differential item functioning: Beyond validity evidence based on internal structure. *Psicothema*, 1(30), 104–109. <https://doi.org/10.7334/psicothema2017.183>
- Gregory, R. J. (2015). *Psychological testing: History, principles, and applications* (Seventh edition). Pearson Education Limited.
- Halpern, D. F. (1997). Sex differences in intelligence: Implications for education. *American Psychologist*, 52(10), 1091–1102. <https://doi.org/10.1037/0003-066X.52.10.1091>
- Hirnstein, M., Stuebs, J., Moè, A., & Hausmann, M. (2022). Sex/gender differences in verbal fluency and verbal-episodic memory: A meta-analysis. *Perspectives on Psychological Science*, 18(1), 67-90. <https://doi.org/10.1177/17456916221082116>
- Kljajevic, V., Evensmoen, H. R., Sokołowski, D., Pani, J., Hansen, T. I., & Håberg, A. K. (2023). Female advantage in verbal learning revisited: A HUNT study. *Memory*, 31(6), 831–849. <https://doi.org/10.1080/09658211.2023.2203431>
- Kohut, M., Halama, P., Dockal, V., & Zitny, P. (2016). Gender differential item functioning in slovak version of intelligence structured test 2000 – revised. *Studia Psychologica*, 58(3), 238-250. <https://doi.org/10.21909/sp.2016.03.720>
- Li, Z., Shin, J., Kuang, H., & Huggins-Manley, A. C. (2024). Exploring the evidence to interpret differential item functioning via response process data. *Educational and Psychological Measurement*, 85(4), 783-813. <https://doi.org/10.1177/00131644241298975>
- Majeres, L. R. (1988). Serial comparison processes and sex differences in clerical speed. *Intelligence*, 12(2), 146-165. [https://doi.org/10.1016/0160-2896\(88\)90013-X](https://doi.org/10.1016/0160-2896(88)90013-X)

Martinková, P., Drabinová, A., Liaw, Y. L., Sanders, E. A., McFarland, J. L., & Price, R. M (2017).

Checking equity: Why differential item functioning analysis should be a routine part of developing conceptual assessments. *CBE Life Sciences Education*, 16(2), rm2.

<https://doi.org/10.1187/cbe.16-10-0307>

Mehrazmay, R., Ghonsooly, B., & de la Torre, J. (2021). Detecting differential item functioning using cognitive diagnosis models: Application of the wald test and likelihood ratio test in university entrance examination. *Applied Measurement in Education*, 34(4), 262-284.

<https://doi.org/10.1080/08957347.2021.1987906>

Min, S., & He, L. (2020). Test fairness: Examining differential functioning of the reading comprehension section of the GSEEE in China. *Studies in Educational Evaluation*, 64, 100811. <https://doi.org/10.1016/j.stueduc.2019.100811>

Ni'mah, Z., Lukito, A., & Rahadjeng, B. (2022). Penalaran analogis siswa dalam menyelesaikan masalah geometri ditinjau dari perbedaan gender. *Jurnal Kajian Pembelajaran Matematika*, 6(2), 116–124. <https://doi.org/10.17977/um076v6i22022p116-124>

Ones, D., Viswesvaran, C., & Dilchert, S. (2005). Cognitive ability in selection decisions. In O. Wilhelm, R. W. Engle (Eds.) *Cognitive ability in selection decisions* (pp. 431-468). SAGE Publications, Inc., <https://doi.org/10.4135/9781452233529.n24>

Pearson. (2020). *Assessment efficacy report: Watson–glaser critical thinking appraisal iii*.

London: Pearson.

Pehlivanoglu, D., Lin, T., Deceus, F., Heemskerk, A., Ebner, N. C., & Cahill, B. S. (2021). The role of analytical reasoning and source credibility on the evaluation of real and fake

full-length news articles. *Cognitive Research: Principles and Implications*, 6(24).

<https://doi.org/10.1186/s41235-021-00292-3>

Penfield, R. D., & Camilli, G. (2006). Differential item functioning and item bias. *Handbook of Statistics*, 26(5), 125-167. [https://doi.org/10.1016/S0169-7161\(06\)26005-X](https://doi.org/10.1016/S0169-7161(06)26005-X)

Roscoe, J. T. (1975). *Fundamental research statistics for the behavioral sciences*. New York: Holt, Rinehart & Winston.

Rustam, A., Naga, D. S., & Supriyati, Y. (2019). Sensitivity and accuracy of the mantel-haenszel method and standardization method: Detection of item functioning differential. *International Journal of Education & Literacy Study*, 7(3), 28-37. <https://doi.org/10.7575/aiac.ijels.v.7n.3p.28>

Schmidt, F. L. & Hunter, J. E. (1998). The validity and the utility of selection methods in personnel psychology: Practical and theoretical implications of 85 years of research findings. *Psychological Bulletin*, 124(2), 262-274. <https://doi.org/10.1037//0033-2909.124.2.262>

Simon, H. A. (2001). Problem solving and reasoning, psychology of. *International Encyclopedia of the Social and Behavioral Sciences*, 12120-12123. <https://doi.org/10.1016/B0-08-043076-7/00543-X>

Sjöberg, A., & Sjöberg, S. (2025). General cognitive ability and job performance in personnel selection in sweden: A meta-analysis. *Economic and Industrial Democracy*, 46(3), 830-850. <https://doi.org/10.1177/0143831X251338027>

- Stenning, K. & Cox, R. (2006). Reconnecting interpretation to reasoning through individual differences. *Quarterly Journal of Experimental Psychology*, 59(8), 1454-1483.
<https://doi.org/10.1080/17470210500198759>
- van der Maas, H. L. J., Savi, A. O., Hofman, A., Kan, K.-J., & Marsman, M. (2019). The network approach to general intelligence. In D. J. McFarland (Ed.), *General and specific mental abilities* (pp. 108–131). Cambridge Scholars Publishing.
- Voyer, D., Voyer, S., & Bryden, M. P. (1995). Magnitude of sex differences in spatial abilities: A meta-analysis and consideration of critical variables. *Psychological Bulletin*, 117(2), 250–270. <https://doi.org/10.1037/0033-2909.117.2.250>
- Walker, C. M. (2011). What's the dif? Why differential item functioning analyses are an important part of instrumen development and validation. *Journal of Psychoeducational Assessment*, 29(4), 364-376. <https://doi.org/10.1177/073428291140666>
- Wang, L. & Carr, M. (2019). Gender, working memory, strategy use, and spatial ability *North American Journal of Psychology*, 21(3), 601-618.
- Widhiarso, W. & Retnowati, S. (2011). Investigasi butir bias jender dalam pengukuran depresi melalui children's depression inventory (cdi). *Jurnal Penelitian Psikologi*, 2, 1-10.
- Widhiarso, W., Al Husni, A. F., Kireynadiva, F. A., & Suryalunarjati, M. J. K. (2025). *Manual teknis gadjah mada reasoning test*. Unit Pengembangan Alat Psikodiagnostika Fakultas Psikologi UGM.