

REFERENCES

- Abu-Shennar, J. A., & Bayraktar, N. (2020). Impact of Educational Self-Efficacy Enhancement Program on Quality of Life, Pain Management, Self-Efficiency Behaviors, and Its Impact of Satisfaction among Adult Diabetic Patients with Peripheral Neuropathy Pain [Preprint]. In Review. <https://doi.org/10.21203/rs.3.rs-103579/v1>
- Ajzen, I. (1985). From Intentions to Actions: A Theory of Planned Behavior. In J. Kuhl & J. Beckmann (Eds.), *Action Control* (pp. 11–39). Springer Berlin Heidelberg. https://doi.org/10.1007/978-3-642-69746-3_2
- Ajzen, I. (2020). The theory of planned behavior: Frequently asked questions. *Human Behavior and Emerging Technologies*, 2(4), 314–324. <https://doi.org/10.1002/hbe2.195>
- Ajzen, I., & Driver, B. L. (1991). Prediction of leisure participation from behavioral, normative, and control beliefs: An application of the theory of planned behavior. *Leisure Sciences*, 13(3), 185–204. <https://doi.org/10.1080/01490409109513137>
- Anderson, R. M., Funnell, M. M., Fitzgerald, J. T., & Marrero, D. G. (2000). The Diabetes Empowerment Scale: A measure of psychosocial self-efficacy. *Diabetes Care*, 23(6), 739–743. <https://doi.org/10.2337/diacare.23.6.739>
- Araújo-Soares, V., Hankonen, N., Pesseau, J., Rodrigues, A., & Sniehotta, F. F. (2019). Developing Behavior Change Interventions for Self-Management in Chronic Illness: An Integrative Overview. *European Psychologist*, 24(1), 7–25. <https://doi.org/10.1027/1016-9040/a000330>

- Baker, D. A., & Crompton, J. L. (2000). Quality, satisfaction and behavioral intentions. *Annals of Tourism Research*, 27(3), 785–804. [https://doi.org/10.1016/S0160-7383\(99\)00108-5](https://doi.org/10.1016/S0160-7383(99)00108-5)
- Baldus, B. J., Voorhees, C., & Calantone, R. (2015). Online brand community engagement: Scale development and validation. *Journal of Business Research*, 68(5), 978–985. <https://doi.org/10.1016/j.jbusres.2014.09.035>
- Bandura, A. (2002). Social Cognitive Theory in Cultural Context. *Applied Psychology*, 51(2), 269–290. <https://doi.org/10.1111/1464-0597.00092>
- Becker, J.-M., Cheah, J.-H., Gholamzade, R., Ringle, C. M., & Sarstedt, M. (2023). PLS-SEM's most wanted guidance. *International Journal of Contemporary Hospitality Management*, 35(1), 321–346. <https://doi.org/10.1108/IJCHM-04-2022-0474>
- Becker, T. E., Atinc, G., Breugh, J. A., Carlson, K., & Edwards, J. R. (2014). Statistical Control in Organizational Research: An Update, Analysis, & Discussion of Next Steps. *Academy of Management Proceedings*, 2014(1), 10370. <https://doi.org/10.5465/ambpp.2014.10370symposium>
- Beckerle, C. M., & Lavin, M. A. (2013). Association of Self-Efficacy and Self-Care With Glycemic Control in Diabetes. *Diabetes Spectrum*, 26(3), 172–178. <https://doi.org/10.2337/diaspect.26.3.172>
- Berman, N. B., & Artino, A. R. (2018). Development and initial validation of an online engagement metric using virtual patients. *BMC Medical Education*, 18(1), 213. <https://doi.org/10.1186/s12909-018-1322-z>
- Bijl, J. V. D., Poelgeest-Eeltink, A. V., & Shortridge-Baggett, L. (1999). The psychometric properties of the diabetes management self-efficacy scale for

- patients with type 2 diabetes mellitus. *Journal of Advanced Nursing*, 30(2), 352–359. <https://doi.org/10.1046/j.1365-2648.1999.01077.x>
- Brennan, P. F., & Strombom, I. (1998). Improving Health Care by Understanding Patient Preferences: The Role of Computer Technology. *Journal of the American Medical Informatics Association*, 5(3), 257–262. <https://doi.org/10.1136/jamia.1998.0050257>
- Breton, M.-C., Guénette, L., Amiche, M. A., Kayibanda, J.-F., Grégoire, J.-P., & Moisan, J. (2013). Burden of Diabetes on the Ability to Work. *Diabetes Care*, 36(3), 740–749. <https://doi.org/10.2337/dc12-0354>
- Calli, D., & Kartal, A. (2021). The relationship between self-efficacy of diabetes management and well-being in patients with type 2 diabetes. *Nigerian Journal of Clinical Practice*, 24(3), 393. https://doi.org/10.4103/njcp.njcp_280_18
- Chen, M.-F., Wang, R.-H., Cheng, C.-P., Chin, C.-C., Stocker, J., Tang, S.-M., & Chen, S.-W. (2011). Diabetes Empowerment Process Scale: Development and psychometric testing of the Chinese version: Chinese diabetes Empowerment Process Scale. *Journal of Advanced Nursing*, 67(1), 204–214. <https://doi.org/10.1111/j.1365-2648.2010.05486.x>
- Chin, W. W., & Dibbern, J. (2010). An Introduction to a Permutation Based Procedure for Multi-Group PLS Analysis: Results of Tests of Differences on Simulated Data and a Cross Cultural Analysis of the Sourcing of Information System Services Between Germany and the USA. In V. Esposito Vinzi, W. W. Chin, J. Henseler, & H. Wang (Eds.), *Handbook of*

Partial Least Squares (pp. 171–193). Springer Berlin Heidelberg.
https://doi.org/10.1007/978-3-540-32827-8_8

Chiou, J.-S. (2006). Service Quality, Trust, Specific Asset Investment, and Expertise: Direct and Indirect Effects in a Satisfaction-Loyalty Framework. *Journal of the Academy of Marketing Science*, 34(4), 613–627.
<https://doi.org/10.1177/0092070306286934>

Cohen, J. (1988). *Statistical power analysis for the behavioral sciences* (2. ed., reprint). Psychology Press.

Davis, J., Fischl, A. H., Beck, J., Browning, L., Carter, A., Condon, J. E., Dennison, M., Francis, T., Hughes, P. J., Jaime, S., Lau, K. H. K., McArthur, T., McAvoy, K., Magee, M., Newby, O., Ponder, S. W., Quraishi, U., Rawlings, K., Socke, J., ... Villalobos, S. (2022). 2022 National Standards for Diabetes Self-Management Education and Support. *Diabetes Care*, 45(2), 484–494. <https://doi.org/10.2337/dc21-2396>

ElSayed, N. A., Aleppo, G., Aroda, V. R., Bannuru, R. R., Brown, F. M., Bruemmer, D., Collins, B. S., Cusi, K., Das, S. R., Gibbons, C. H., Giurini, J. M., Hilliard, M. E., Isaacs, D., Johnson, E. L., Kahan, S., Khunti, K., Kosiborod, M., Leon, J., Lyons, S. K., ... Gabbay, R. A. (2023). Introduction and Methodology: Standards of Care in Diabetes—2023. *Diabetes Care*, 46(Supplement_1), S1–S4. <https://doi.org/10.2337/dc23-Sint>

Freeman, K., Hanlon, M., Denslow, S., & Hooper, V. (2018). Patient Engagement in Type 2 Diabetes: A Collaborative Community Health Initiative. *The*

Diabetes Educator, 44(4), 395–404.
<https://doi.org/10.1177/0145721718784262>

Gamache-O'Leary, V., & Grant, G. (2017). Social Media in Healthcare. Hawaii International Conference on System Sciences.
<https://doi.org/10.24251/HICSS.2017.456>

Hair, J. F., Hult, G. T. M., Ringle, C. M., & Sarstedt, M. (2022). A primer on partial least squares structural equation modeling (PLS-SEM) (Third edition). SAGE.

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: A Workbook. Springer International Publishing.
<https://doi.org/10.1007/978-3-030-80519-7>

Hair, J. F., Risher, J. J., Sarstedt, M., & Ringle, C. M. (2019). When to use and how to report the results of PLS-SEM. *European Business Review*, 31(1), 2–24.
<https://doi.org/10.1108/EBR-11-2018-0203>

Health Minister Vows to Fast-Track Private Hospital Permits. (n.d.). Jakarta Globe. Retrieved March 14, 2024, from <https://jakartaglobe.id/business/health-minister-vows-to-fasttrack-private-hospital-permits>

Henseler, J., Hubona, G., & Ray, P. A. (2016). Using PLS path modeling in new technology research: Updated guidelines. *Industrial Management & Data Systems*, 116(1), 2–20. <https://doi.org/10.1108/IMDS-09-2015-0382>

Hernandez-Tejada, M. A., Campbell, J. A., Walker, R. J., Smalls, B. L., Davis, K. S., & Egede, L. E. (2012). Diabetes Empowerment, Medication Adherence and Self-Care Behaviors in Adults with Type 2 Diabetes. *Diabetes*

Technology & Therapeutics, 14(7), 630–634.
<https://doi.org/10.1089/dia.2011.0287>

Hidayat, B., Ramadani, R. V., Rudijanto, A., Soewondo, P., Suastika, K., & Siu Ng, J. Y. (2022). Direct Medical Cost of Type 2 Diabetes Mellitus and Its Associated Complications in Indonesia. *Value in Health Regional Issues*, 28, 82–89. <https://doi.org/10.1016/j.vhri.2021.04.006>

Hu, F. B. (2011). Globalization of Diabetes. *Diabetes Care*, 34(6), 1249–1257. <https://doi.org/10.2337/dc11-0442>

Hurst, C. P., Rakkapao, N., & Hay, K. (2020). Impact of diabetes self-management, diabetes management self-efficacy and diabetes knowledge on glycaemic control in people with Type 2 Diabetes (T2D): A multi-center study in Thailand. *PLOS ONE*, 15(12), e0244692. <https://doi.org/10.1371/journal.pone.0244692>

Indonesia's Failing Healthcare Industry and How Medical Tourism Can Help. (n.d.). Retrieved March 12, 2024, from <https://www.magazine.medicaltourism.com/article/indonesias-failing-healthcare-industry-and-how-medical-tourism-can-help>

International Diabetes Federation. (2021). *IDF Diabetes Atlas* (10th edn). <https://www.diabetesatlas.org>

Khan, R., Chua, Z., Tan, J., Yang, Y., Liao, Z., & Zhao, Y. (2019). From Pre-Diabetes to Diabetes: Diagnosis, Treatments and Translational Research. *Medicina*, 55(9), 546. <https://doi.org/10.3390/medicina55090546>

- Kock, N., & Hadaya, P. (2018). Minimum sample size estimation in PLS-SEM: The inverse square root and gamma-exponential methods. *Information Systems Journal*, 28(1), 227–261. <https://doi.org/10.1111/isj.12131>
- Lee, Y.-J., Shin, S.-J., Wang, R.-H., Lin, K.-D., Lee, Y.-L., & Wang, Y.-H. (2016). Pathways of empowerment perceptions, health literacy, self-efficacy, and self-care behaviors to glycemic control in patients with type 2 diabetes mellitus. *Patient Education and Counseling*, 99(2), 287–294. <https://doi.org/10.1016/j.pec.2015.08.021>
- Lemmens, L., De Bruin, S., Struijs, J., Rijken, M., Nijpels, G., & Baan, C. (2015). Patient involvement in diabetes care: Experiences in nine diabetes care groups. *International Journal of Integrated Care*, 15(4). <https://doi.org/10.5334/ijic.2207>
- Lienggaard, B. D., Sharma, P. N., Hult, G. T. M., Jensen, M. B., Sarstedt, M., Hair, J. F., & Ringle, C. M. (2021). Prediction: Coveted, Yet Forsaken? Introducing a Cross-Validated Predictive Ability Test in Partial Least Squares Path Modeling. *Decision Sciences*, 52(2), 362–392. <https://doi.org/10.1111/dec.12445>
- Ligita, T., Wicking, K., Francis, K., Harvey, N., & Nurjannah, I. (2019). How people living with diabetes in Indonesia learn about their disease: A grounded theory study. *PLOS ONE*, 14(2), e0212019. <https://doi.org/10.1371/journal.pone.0212019>
- Lin, C.-Y., Cheung, M. K. T., Hung, A. T. F., Poon, P. K. K., Chan, S. C. C., & Chan, C. C. H. (2020). Can a modified theory of planned behavior explain the effects of empowerment education for people with type 2 diabetes?

Therapeutic Advances in Endocrinology and Metabolism, 11, 204201881989752. <https://doi.org/10.1177/2042018819897522>

Lin, P.-Y., Lee, T.-Y., Liu, C.-Y., & Lee, Y.-J. (2021). The Effect of Self-Efficacy in Self-Management on Diabetes Distress in Young People with Type 2 Diabetes. *Healthcare (Basel, Switzerland)*, 9(12), 1736. <https://doi.org/10.3390/healthcare9121736>

Liu, Z., Fu, C., Wang, W., & Xu, B. (2010). Prevalence of chronic complications of type 2 diabetes mellitus in outpatients—A cross-sectional hospital based survey in urban China. *Health and Quality of Life Outcomes*, 8(1), 62. <https://doi.org/10.1186/1477-7525-8-62>

Maddock, J. E., Suess, C., Bratman, G. N., Smock, C., Kellstedt, D., Gustat, J., Perry, C. K., & Kaczynski, A. T. (2022). Development and validation of self-efficacy and intention measures for spending time in nature. *BMC Psychology*, 10(1), 51. <https://doi.org/10.1186/s40359-022-00764-1>

Memon, M. A., Ting, H., Cheah, J.-H., Thurasamy, R., Chuah, F., & Cham, T. H. (2020). Sample Size for Survey Research: Review and Recommendations. *Journal of Applied Structural Equation Modeling*, 4(2), i–xx. [https://doi.org/10.47263/JASEM.4\(2\)01](https://doi.org/10.47263/JASEM.4(2)01)

Messina, R., Rucci, P., Sturt, J., Mancini, T., & Fantini, M. P. (2018). Assessing self-efficacy in type 2 diabetes management: Validation of the Italian version of the Diabetes Management Self-Efficacy Scale (IT-DMSES). *Health and Quality of Life Outcomes*, 16(1), 71. <https://doi.org/10.1186/s12955-018-0901-3>

- Nutbeam, D. (2000). Advancing health literacy: A global challenge for the 21st century. *Health Promotion International*, 15(3), 183–184. <https://doi.org/10.1093/heapro/15.3.183>
- Oliver, R. L. (2014). *Satisfaction: A Behavioral Perspective on the Consumer* (0 ed.). Routledge. <https://doi.org/10.4324/9781315700892>
- Parasuraman, A. P., Zeithaml, V., & Berry, L. (1988). SERVQUAL: A multiple-Item Scale for measuring consumer perceptions of service quality. *Journal of Retailing*.
- Pelikan, J. M., Ganahl, K., & Roethlin, F. (2018). Health literacy as a determinant, mediator and/or moderator of health: Empirical models using the European Health Literacy Survey dataset. *Global Health Promotion*, 25(4), 57–66. <https://doi.org/10.1177/1757975918788300>
- Ramsay Wan, C., Vo, L., & Barnes, C. S. (2012). Conceptualizations of patient empowerment among individuals seeking treatment for diabetes mellitus in an urban, public-sector clinic. *Patient Education and Counseling*, 87(3), 402–404. <https://doi.org/10.1016/j.pec.2011.09.010>
- Rawlett, K. (2014). Journey from Self-Efficacy to Empowerment. *Health Care*, 2, 1–9. <https://doi.org/10.12966/hc.02.01.2014>
- Ringle, C. M., & Sarstedt, M. (2016). Gain more insight from your PLS-SEM results: The importance-performance map analysis. *Industrial Management & Data Systems*, 116(9), 1865–1886. <https://doi.org/10.1108/IMDS-10-2015-0449>
- Ringle, Wende, Sven, & Christian M. (2024). Cite the use of SmartPLS - SmartPLS. <https://www.smartpls.com/documentation/getting-started/cite>

- Sangruangake, M., Jirapornkul, C., & Hurst, C. (2017). Psychometric Properties of Diabetes Management Self-Efficacy in Thai Type 2 Diabetes Mellitus Patients: A Multicenter Study. *International Journal of Endocrinology*, 2017, 1–9. <https://doi.org/10.1155/2017/2503156>
- Sari, N., Omar, M., Pasinringi, S. A., Zulkifli, A., & Sidin, A. I. (2023). Developing hospital resilience domains in facing disruption era in Indonesia: A qualitative study. *BMC Health Services Research*, 23(1), 1395. <https://doi.org/10.1186/s12913-023-10416-8>
- Sarstedt, M., Hair, J. F., Cheah, J.-H., Becker, J.-M., & Ringle, C. M. (2019). How to Specify, Estimate, and Validate Higher-Order Constructs in PLS-SEM. *Australasian Marketing Journal*, 27(3), 197–211. <https://doi.org/10.1016/j.ausmj.2019.05.003>
- Sarstedt, M., Hair, J. F., Pick, M., Lienggaard, B. D., Radomir, L., & Ringle, C. M. (2022). Progress in partial least squares structural equation modeling use in marketing research in the last decade. *Psychology & Marketing*, 39(5), 1035–1064. <https://doi.org/10.1002/mar.21640>
- Sarstedt, M., Hair, J. F., Ringle, C. M., Thiele, K. O., & Gudergan, S. P. (2016). Estimation issues with PLS and CBSEM: Where the bias lies! *Journal of Business Research*, 69(10), 3998–4010. <https://doi.org/10.1016/j.jbusres.2016.06.007>
- Sarstedt, M., Ringle, C. M., & Hair, J. F. (2021). Partial Least Squares Structural Equation Modeling. In C. Homburg, M. Klarmann, & A. E. Vomberg (Eds.), *Handbook of Market Research* (pp. 1–47). Springer International Publishing. https://doi.org/10.1007/978-3-319-05542-8_15-2

- Sekaran, U., & Bougie, R. (2019). *Research methods for business: A skill-building approach* (Eighth edition). John Wiley & Sons, Inc.
- Septiono, W. (2023). Equity challenges in Indonesian health care. *The Lancet Global Health*, 11(5), e646–e647. [https://doi.org/10.1016/S2214-109X\(23\)00110-9](https://doi.org/10.1016/S2214-109X(23)00110-9)
- Shahtaheri, R. S., Bayazidi, Y., Davari, M., Kebriaeezadeh, A., Yousefi, S., Hezaveh, A. M., Sadeghi, A., aL Lami, A. H. M., & Abbasian, H. (2022). Long-term cost-effectiveness of quality of diabetes care; experiences from private and public diabetes centers in Iran. *Health Economics Review*, 12(1), 44. <https://doi.org/10.1186/s13561-022-00377-9>
- Sharma, P. N., Liengard, B. D., Hair, J. F., Sarstedt, M., & Ringle, C. M. (2023). Predictive model assessment and selection in composite-based modeling using PLS-SEM: Extensions and guidelines for using CVPAT. *European Journal of Marketing*, 57(6), 1662–1677. <https://doi.org/10.1108/EJM-08-2020-0636>
- Soeatmadji, D. W., Rosandi, R., Saraswati, M. R., Sibarani, R. P., & Tarigan, W. O. (2023). Clinicodemographic Profile and Outcomes of Type 2 Diabetes Mellitus in the Indonesian Cohort of DISCOVER: A 3-Year Prospective Cohort Study. *Journal of the ASEAN Federation of Endocrine Societies*, 38(1), 68–74. <https://doi.org/10.15605/jafes.038.01.10>
- Sørensen, K., Van Den Broucke, S., Pelikan, J. M., Fullam, J., Doyle, G., Slonska, Z., Kondilis, B., Stoffels, V., Osborne, R. H., & Brand, H. (2013). Measuring health literacy in populations: Illuminating the design and development process of the European Health Literacy Survey Questionnaire

- (HLS-EU-Q). *BMC Public Health*, 13(1), 948.
<https://doi.org/10.1186/1471-2458-13-948>
- Sturt, J., Hearnshaw, H., & Wakelin, M. (2010). Validity and reliability of the DMSES UK: A measure of self-efficacy for type 2 diabetes self-management. *Primary Health Care Research & Development*, 11(04), 374–381. <https://doi.org/10.1017/S1463423610000101>
- Sun, V. (2020). Digital Patient Engagement and Social Media. In R. Salgia (Ed.), *Oncology in the Precision Medicine Era* (pp. 247–258). Springer International Publishing. https://doi.org/10.1007/978-3-030-31471-2_15
- Supriadi. (2018). Overview of the National Health Insurance Claims Process in Private Hospital X in Jakarta. *KnE Social Sciences*, 3(11), 987. <https://doi.org/10.18502/kss.v3i11.2822>
- Suryanto, S., Plummer, V., & Boyle, M. (2016). Financing Healthcare in Indonesia. *Asia Pacific Journal of Health Management*, 11(2), 33–38. <https://doi.org/10.24083/apjhm.v11i2.185>
- Tajima, T., Harada, K., Oguma, Y., & Sawada, S. S. (2023). Does health literacy moderate the psychological pathways of physical activity from guideline awareness to behavior? A multi-group structural equation modeling. *BMC Public Health*, 23(1), 106. <https://doi.org/10.1186/s12889-023-15012-3>
- Van Riel, A. C. R., Henseler, J., Kemény, I., & Sasovova, Z. (2017). Estimating hierarchical constructs using consistent partial least squares: The case of second-order composites of common factors. *Industrial Management & Data Systems*, 117(3), 459–477. <https://doi.org/10.1108/IMDS-07-2016-0286>

- Von Arx, L.-B., & Kjær, T. (2014). The Patient Perspective of Diabetes Care: A Systematic Review of Stated Preference Research. *The Patient - Patient-Centered Outcomes Research*, 7(3), 283–300. <https://doi.org/10.1007/s40271-014-0057-0>
- Wahidin, M., Achadi, A., Besral, B., Kosen, S., Nadjib, M., Nurwahyuni, A., Ronoatmodjo, S., Rahajeng, E., Pane, M., & Kusuma, D. (2024). Projection of diabetes morbidity and mortality till 2045 in Indonesia based on risk factors and NCD prevention and control programs. *Scientific Reports*, 14(1), 5424. <https://doi.org/10.1038/s41598-024-54563-2>
- Wang, M.-J., Lin, H.-M., Hung, L.-C., & Lo, Y.-T. (2020). Non-health outcomes affecting self-care behaviors and medical decision-making preference in patients with type 2 diabetes: A cross-sectional study. *BMC Medical Informatics and Decision Making*, 20(1), 74. <https://doi.org/10.1186/s12911-020-1095-2>
- Ye, J. (2024). Transforming and facilitating health care delivery through social networking platforms: Evidences and implications from WeChat. *JAMIA Open*, 7(2), ooae047. <https://doi.org/10.1093/jamiaopen/ooae047>
- Zawudie, A. B., Daka, D. W., Teshome, D., & Ergiba, M. S. (2022). Economic Burden of Diabetic Mellitus Among Patients on Follow-up Care in Hospitals of Southwest Shewa Zone, Central Ethiopia. *BMC Health Services Research*, 22(1), 1398. <https://doi.org/10.1186/s12913-022-08819-0>

Zimmerman, M. A. (1995). Psychological empowerment: Issues and illustrations.
American Journal of Community Psychology, 23(5), 581–599.
<https://doi.org/10.1007/BF02506983>

