# DAFTAR PUSTAKA

Ahn, J. S., Kim, D. W., Kim, J., Park, H., & Lee, J. E. (2019). Development of a Smartphone Application for Dietary Self-Monitoring. *Frontiers in Nutrition*, *6*(September), 1–12. https://doi.org/10.3389/fnut.2019.00149

ALjaraedah, T. Y., Takruri, H. R., & Tayyem, R. F. (2019). Dietary practices and nutrient intake among adolescents: A general review. *Obesity Medicine*, *16*, 100145. https://doi.org/https://doi.org/10.1016/j.obmed.2019.100145

Almatsier, S. (2010). *Prinsip Dasar Ilmu Gizi*. PT Gramedia Pustaka Utama.

Ambrosini, G. L., Hurworth, M., Giglia, R., Trapp, G., & Strauss, P. (2018). Feasibility of a commercial smartphone application for dietary assessment in epidemiological research and comparison with 24-h dietary recalls. *Nutrition Journal*, *17*(1), 1–10. https://doi.org/10.1186/s12937-018-0315-4

Blair, S., & Bowes, G. (1995). Compliance issues in adolescence: practical strategies. *Australian Family Physician*, *24*(11), 2037–2040.

Bland, J. M., & Altman, D. G. (2010). *Statistical methods for assessing agreement between two methods of clinical measurement*. *1*, 1–9.

Boushey, C. J., Spoden, M., Zhu, F. M., Delp, E. J., & Kerr, D. A. (2017). New mobile methods for dietary assessment: Review of image-assisted and image-based dietary assessment methods. *Proceedings of the Nutrition Society*, *76*(3), 283–294. https://doi.org/10.1017/S0029665116002913

Budiningsari, D., Shahar, S., Abdul Manaf, Z., & Susetyowati, S. (2016). A simple dietary assessment tool to monitor food intake of hospitalized adult patients. *Journal of Multidisciplinary Healthcare*, *9*, 311–322. https://doi.org/10.2147/JMDH.S105000

Budiningsari, D., & Syahrian, F. (2022). *Validity of A Digital Photo-Based Dietary Assessment Tool: Development and Initial Evaluation*. 1–11.

Budiningsari, D., Syahrian, F., Susetyowati, & Pangastuti, R. (2023). Evaluasi Penggunaan Metode Foto Digital untuk Pemantauan Asupan Makanan Pasien di Rumah Sakit. *Gizi Indonesia*, *46*(1), 23–34. https://doi.org/10.36457/gizindo.v46i1.723

Chai, J. J. K., O'Sullivan, C., Gowen, A. A., Rooney, B., & Xu, J. L. (2022). Augmented/mixed reality technologies for food: A review. *Trends in Food Science and Technology*, *124*(February), 182–194. https://doi.org/10.1016/j.tifs.2022.04.021

Christian, P., & Smith, E. R. (2018). Adolescent Undernutrition: Global Burden, Physiology, and Nutritional Risks. *Annals of Nutrition and Metabolism*, *72*(4), 316–328. https://doi.org/10.1159/000488865

Crosnoe, R., & Johnson, M. K. (2017). Research on Adolescence in the Twenty-First Century. *Annu Rev Sociol*, *176*(3), 139–148. https://doi.org/10.1053/j.gastro.2016.08.014.CagY

Djaali, & Muljono, P. (2008). *Pengukuran dalam Bidang Pendidikan*. Grasindo.

Driessen, C. ., Cameron, A. ., Thornton, L. ., Lai, S. ., & Barnett, L. . (2014). Effect of changes to the school food environment on eating behaviours and/or body weight in children: a systematic review. *Obesity Review*, *15*(12), 968–982. https://doi.org/10.1111/obr.12224

Drummond, R. J., & Jones, K. D. (2006). *Assessment Procedures for Councelors and Helping Professionals* (6th ed.). Pearson Education.

Eldridge, A. L., Piernas, C., Illner, A. K., Gibney, M. J., Gurinović, M. A., de Vries, J. H. M., & Cade, J. E. (2019). Evaluation of new technology-based tools for

dietary intake assessment—an ilsi europe dietary intake and exposure task force evaluation. *Nutrients*, *11*(1). https://doi.org/10.3390/nu11010055

Evenepoel, C., Clevers, E., Deroover, L., Van Loo, W., Matthys, C., & Verbeke, K. (2020). Accuracy of Nutrient Calculations Using the Consumer-Focused Online App MyFitnessPal: Validation Study. *Journal of Medical Internet Research*, *22*(10), e18237. https://doi.org/10.2196/18237

Fallaize, R., Franco, R. Z., Pasang, J., Hwang, F., & Lovegrove, J. A. (2019). Popular nutrition-related mobile apps: An agreement assessment against a UK reference method. *Journal of Medical Internet Research*, *21*(2), 1–13. https://doi.org/10.2196/mhealth.9838

FAO. (2018). *Dietary Assessment: A Resource Guide to Method Selection and Application in Low Resource Settings*.

FAO. (2022). *Nutritional Assessment*. Nutrition. https://www.fao.org/nutrition/assessment/en/

Food and Agriculture Organization of the United Nations. (2019). *School food and nutrition framework*. FAO. http://www.fao.org/3/ca4091en/ca4091en.pdf

Forster, H., Walsh, M. C., Gibney, M. J., Brennan, L., & Gibney, E. R. (2016). Personalised nutrition: The role of new dietary assessment methods. *Proceedings of the Nutrition Society*, *75*(1), 96–105. https://doi.org/10.1017/S0029665115002086

Gemming, L., Utter, J., & Ni Mhurchu, C. (2015). Image-assisted dietary assessment: A systematic review of the evidence. *Journal of the Academy of Nutrition and Dietetics*, *115*(1), 64–77. https://doi.org/10.1016/j.jand.2014.09.015

Ghaaliq, A., Mb, L., Frca, C., Mccluskey, A., & Chb, M. B. (2008). *Clinical tests :*

*sensitivity and specificity*. *8*(6), 221–223. https://doi.org/10.1093/bjaceaccp/mkn041

Giavarina, D. (2015). *Lessons in biostatistics Understanding Bland Altman analysis*. *June*. https://doi.org/10.11613/BM.2015.015

Gibson, R. S. (2005). *Principles of Nutritional Assessment*. Oxford University Press.

Gonçalves, V. S. S., Figueiredo, A. C. M. G., Silva, S. A., Silva, S. U., Ronca, D. B., Dutra, E. S., & Carvalho, K. M. B. (2021). The food environment in schools and their immediate vicinities associated with excess weight in adolescence: A systematic review and meta-analysis. *Health and Place*, *71*(July). https://doi.org/10.1016/j.healthplace.2021.102664

Hardinsyah, I. N. . (2016). *Ilmu Gizi : Teori dan Aplikasi*. EGC.

Hargreaves, D., Mates, E., Menon, P., Alderman, H., Devakumar, D., Fawzi, W., Greenfield, G., Hammoudeh, W., He, S., Lahiri, A., Liu, Z., Nguyen, P. H., Sethi, V., Wang, H., Neufeld, L. M., & Patton, G. C. (2022). Strategies and interventions for healthy adolescent growth, nutrition, and development. *The Lancet*, *399*(10320), 198–210. https://doi.org/10.1016/S0140-6736(21)01593-2

Illner, A. K., Freisling, H., Boeing, H., Huybrechts, I., Crispim, S. P., & Slimani, N. (2012). Review and evaluation of innovative technologies for measuring diet in nutritional epidemiology. *International Journal of Epidemiology*, *41*(4), 1187–1203. https://doi.org/10.1093/ije/dys105

Irianto, K. (2014). *Gizi Seimbang dalam Kesehatan Reproduksi* (1st ed.). Alfabeta.

Ji, Y., Plourde, H., Bouzo, V., Kilgour, R. D., & Cohen, T. R. (2020). Validity and usability of a smartphone image-based dietary assessment app compared to

3-day food diaries in assessing dietary intake among canadian adults: Randomized controlled trial. *JMIR MHealth and UHealth*, *8*(9), 1–12. https://doi.org/10.2196/16953

Kartikasari, A. T. (2021). *Evaluasi Program Penilaian Status Gizi dan Pengelolaan UKS Sebagai Layanan Gizi Pada Sekolah Menengah Pertama di Kecamatan Gondomanan, Kota Yogyakarta*. Universitas Gadjah Mada.

Kementerian Kesehatan RI. (2019a). *Laporan Nasional RISKESDAS 2018*. Lembaga Penerbit Badan Penelitian dan Pengembangan Kesehatan.

Kementerian Kesehatan RI. (2019b). *Laporan Provinsi DI Yogyakarta*. Badan Penelitian dan Pengembangan Kesehatan.

Khakim, M. L., & Sharif, O. O. (2018). Analisis User Experience Aplikasi GO-JEK Menggunakan Heart Metrics. *E-Proceeding of Management*, *5*(1), 189–194.

Khazen, W., Jeanne, J. F., Demaretz, L., Schäfer, F., & Fagherazzi, G. (2020). Rethinking the use of mobile apps for dietary assessment in medical research. *Journal of Medical Internet Research*, *22*(6), 1–10. https://doi.org/10.2196/15619

Kirkpatrick, S. I., Baranowski, T., Subar, A. F., Tooze, J. A., & Frongillo, E. A. (2019). Best Practices for Conducting and Interpreting Studies to Validate Self-Report Dietary Assessment Methods. *Journal of the Academy of Nutrition and Dietetics*, *119*(11), 1801–1816. https://doi.org/10.1016/j.jand.2019.06.010

Kong, K., Zhang, L., Huang, L., & Tao, Y. (2017). Validity and practicability of smartphone-based photographic food records for estimating energy and nutrient intake. *Asia Pacific Journal of Clinical Nutrition*, *26*(3), 396–401. https://doi.org/10.6133/apjcn.042016.05

König, L. M., Van Emmenis, M., Nurmi, J., Kassavou, A., & Sutton, S. (2021). Characteristics of smartphone-based dietary assessment tools: a systematic review. *Health Psychology Review*, 1–25. https://doi.org/10.1080/17437199.2021.2016066

Kusuma, E. R., Sartono, A., & Kusuma, H. S. (2016). Perbedaan Tingkat Kecukupan Energi Protein, Status Kesehatan dan Status Gizi Anak yang Memanfaatkan dan Tidak Memanfaatkan Makanan Sekolah Dasar Islam Terpadu (SDIT) Harapan Bunda Semarang. *Jurnal Gizi*, *5*(15–21).

Kyngas, H., Kroll, T., & Duffy, M. (2000). Compliance in Adolescents With Chronic Diseases : A Review. *Journal of Adolescent Health*, *26*(17), 379–388.

Larson, E. A. (2020). Threshold occupational science concepts for lifestyle change: "Doing" wellness in a course for US college students. *Journal of Occupational Science*, *27*(2), 274–287. https://doi.org/10.1080/14427591.2019.1689529

Lee, R. D., & Nieman, D. (2013). *Nutritional Assessment*. McGraw-Hill Companies.

Leung, J. T. Y., & Shek, D. T. L. (2020). Theories of Adolescent Development : Overview. *The Encyclopedia OfChild and Adolescent Development*, 1–12. https://doi.org/10.1002/9781119171492.wecad305

Lim, H. X. (2019). Validation of a Semi-Quantitative FFQ for 18-Month Old Toddlers: The Growing Up in Singapore Towards Healthy Outcomes (GUSTO) Study. *Public Health Nutrition*, *22*(11), 1990–2000.

Mahan, L. K., & Escott-Stump, S. (2008). *Krause's Food & Nutrition Therapy* (12th ed.). Saunders Elsevier.

Mandoh, M., Mihrshahi, S., Cheng, H. L., & Redfern, J. (2020). *Adolescent Participation in Research , Policies and Guidelines for Chronic Disease Prevention : A Scoping Review Protocol*. 1–10.

Martinon, P., Saliasi, I., Bourgeois, D., Smentek, C., Dussart, C., Fraticelli, L., & Carrouel, F. (2022). Nutrition-Related Mobile Apps in the French App Stores: Assessment of Functionality and Quality. *JMIR MHealth and UHealth*, *10*(3). https://doi.org/10.2196/35879

Melindha, N. D. (2020). *Uji Validitas dan Reliabilitas Semi-Quantitative Food Frequency Questionnaire (SQFFQ) terhadap 24-Hour Recalls dalam Menilai Konsumsi Zat Gizi Makro pada Balita di Kabupaten Sleman*. Universitas Gadjah Mada.

Muhammad, H. F. L. (2019). Pemanfaatan sekolah sebagai sarana pencegahan obesitas sejak dini pada remaja. *Journal of Community Empowerment for Health*, *1*(2), 107. https://doi.org/10.22146/jcoemph.39796

Munoz, N., & Bernstein, M. (2019). *Nutrition Assessment: Clinical and Research Applications*. Jones & Bartlett Learning.

Murti, B. (2013). *Desain dan Ukuran Sampel untuk Penelitian Kuantitatif dan Kualitatif di Bidang Kesehatan*. Gadjah Mada University Press.

Myles, P. S., & Cui, J. (2007). Using the Bland-Altman method to measure agreement with repeated measures. *British Journal of Anaesthesia*, *99*(3), 309–311. https://doi.org/10.1093/bja/aem214

Neufeld, L. M., Andrade, E. B., Ballonoff Suleiman, A., Barker, M., Beal, T., Blum, L. S., Demmler, K. M., Dogra, S., Hardy-Johnson, P., Lahiri, A., Larson, N., Roberto, C. A., Rodríguez-Ramírez, S., Sethi, V., Shamah-Levy, T., Strömmer, S., Tumilowicz, A., Weller, S., & Zou, Z. (2022). Food choice in transition: adolescent autonomy, agency, and the food environment. *The Lancet*, *399*(10320), 185–197. https://doi.org/10.1016/S0140-6736(21)01687-1

NIHR. (2022). *Validity*. DAPA Measurement Toolkit, Medical Research Council. https://dapa-toolkit.mrc.ac.uk/concepts/validity

Norris, S. ., Frongillo, E. A., Black, M. M., Dong, Y., Fall, C., Lampl, M., Liese, A. ., Naguib, M., Prentice, A., Rochat, T., & Stephensen, C. . (2022). Nutrition in adolescent growth and development. *The Lancet*, *399*(10320), 172–184. https://eprints.soton.ac.uk/450280/1/Lancet_Adolescent_Nutrition_Series_Paper_18_May_2021_clean_version.doc

Novinaldi, N., Edwardi, F., Gunawan, I., & Sarli, D. (2020). EPDSAp: Aplikasi Skrining Baby Blues Berbasis Android dengan Uji Sensitivitas dan Spesifisitas. *Jurnal RESTI (Rekayasa Sistem Dan Teknologi Informasi)*, *4*(6), 1135–1141. https://doi.org/10.29207/resti.v4i6.2481

Nurwanti, E., & Bai, C. (2019). Validation Study of MyFitnessPal App for the Dietary Assessment among College Students non-English Speakers in Indonesia and Taiwan. *Asia-Pasific Partnership On Health And Nutritional Improvement*, 1–6.

Parikh, R., Mathai, A., Parikh, S., Sekhar, G. C., & Thomas, R. (2008). *Understanding and using sensitivity , speci Þ city and predictive values Positive Predictive Value ( PPV )*. *February*.

Payne, J. E., Turk, M. T., Kalarchian, M. A., & Pellegrini, C. A. (2021). Adherence to mobile-app-based dietary self-monitoring— Impact on weight loss in adults. *Obesity Science and Practice*, *8*, 279–288. https://doi.org/https://doi.org/10.1002/osp4.566

Pendergast, F. J., Leech, R. M., & McNaughton, S. A. (2017). Novel Online or Mobile Methods to Assess Eating Patterns. *Current Nutrition Reports*, *6*(3), 212–227. https://doi.org/10.1007/s13668-017-0211-0

Primasari, P., Ashley, M. C., & Tanihatu, G. E. (2018). *Description of Self Confidence in Adolescent Teens which has Obesity*. *7*(10), 118–122. https://doi.org/10.21275/ART20191510

Prinz, N., Bohn, B., Kern, A., Püngel, D., Pollatos, O., & Holl, R. W. (2019). Feasibility and relative validity of a digital photo-based dietary assessment: Results from the Nutris-Phone study. *Public Health Nutrition*, *22*(7), 1160–1167. https://doi.org/10.1017/S1368980018000344

Putri, H. E., & Wahyudy, M. A. (2020). Development of Instruments to Measure Mathematical Anxiety of Elementary School Students. *International Journal of Learning, Teaching and Educational Research*, *19*(6), 282–302. https://doi.org/10.26803/ijlter.19.6.17

Rangan, A., Connor, S. O., Tang, L. M., & Roy, R. (2015). *Electronic Dietary Intake Assessment ( e-DIA ): Comparison of a Mobile Phone Digital Entry App for Dietary Data Collection With 24-Hour Dietary Recalls*. *August*. https://doi.org/10.2196/mhealth.4613

Rollo, M. E., Bucher, T., Smith, S. P., & Collins, C. E. (2017). ServAR: An augmented reality tool to guide the serving of food. *International Journal of Behavioral Nutrition and Physical Activity*, *14*(1), 1–10. https://doi.org/10.1186/s12966-017-0516-9

Sammut-Powell, C., Reynard, C., Allen, J., McDermott, J., Braybrook, J., Parisi, R., Lasserson, D., Body, R., Body, R., Hayward, G., Allen, J., Braybrook, J., Buckle, P., Dark, P., Davis, K., Cook, E., Gordon, A., Halstead, A., Lasserson, D., … Wilcox, M. (2022). Examining the effect of evaluation sample size on the sensitivity and specificity of COVID-19 diagnostic tests in practice: a simulation study. *Diagnostic and Prognostic Research*, *6*(1).

https://doi.org/10.1186/s41512-021-00116-4

Sastroasmoro, S., & Ismael, S. (2014). *Dasar-Dasar Metodologi Penelitian Klinis* (5th ed.). Sagung Seto.

Sawyer, S. M., Afifi, R. A., Bearinger, L. H., Blakemore, S. J., Dick, B., Ezeh, A. C., & Patton, G. C. (2012). Adolescence: A foundation for future health. *The Lancet*, *379*(9826), 1630–1640. https://doi.org/10.1016/S0140-6736(12)60072-5

Setiadi. (2013). *Konsep dan Penulisan Riset Keperawatan*. Graha Ilmu.

Shinozaki, N., & Murakami, K. (2020). Evaluation of the ability of diet-tracking mobile applications to estimate energy and nutrient intake in Japan. *Nutrients*, *12*(11), 1–17. https://doi.org/10.3390/nu12113327

Sirajuddin, Mustamin, Nadimin, & Rauf, S. (2015). *Survei Konsumsi Pangan*. EGC.

Sirajuddin, Surmita, & Astuti, T. (2019). *Survey Konsumsi Pangan*. Pusat Pendidikan Sumber Daya Manusia Kesehatan, Kementerian Kesehatan RI.

Stumbo, P. J. (2013). New technology in dietary assessment: A review of digital methods in improving food record accuracy. *Proceedings of the Nutrition Society*, *72*(1), 70–76. https://doi.org/10.1017/S0029665112002911

Sugiyono. (2011). *Metode Penelitian Kuantitatif dan R&D*. Alfabeta.

Sulistiyono, P., Heriyanto, Y., Priyadi, I., Al, E., & Go. (2020). Analisis dan Sinkronisasi Tabel Komposisi Pangan Aplikasi Nutrisurvey Versi Indonesia. *Jurnal Nutricia*, *22*(1), 39–45. https://doi.org/doi: 10.29238/jnutri.v22il.201

Supariasa, I. D. N., Bakri, B., & Fajar, I. (2016). *Penilaian Status Gizi* (2nd ed.). EGC.

Surucu, L., & Maslakci, A. (2020). Validity and Reliability in Quantitative Research. *Business & Management Studies: An International Journal*, *8*(3), 2694–2726.

Thompson, F. E., & Subar, A. . (2013). Dietary assessment methodology. In *Nutrition in the prevention and treatment of disease* (3rd ed.). Academic Press.

Waspadji, S. (2003). *Pengkajian Status Gizi* (Studi Epid). FKUI.

Wellard-cole, L., Chen, J., Davies, A., Wong, A., Huynh, S., Rangan, A., & Allman-farinelli, M. (2019). Relative Validity of the Eat and Track ( EaT ) Smartphone App for Collection of Dietary Intake Data in 18-to-30-Year Olds. *Nutrients*, *11*(621), 1–12. https://doi.org/10.3390/nu11030621

Whiston, S. C. (2012). *Principles and applications of assessment in counseling*. Cancage Learning.

WHO. (2018). Adolescent Health: The missing population in Universal Health Coverage. *WHO*, 1–32.

Xie, J., Chai, J. J. K., O'Sullivan, C., & Xu, J. L. (2022). Trends of Augmented Reality for Agri-Food Applications. *Sensors*, *22*(21). https://doi.org/10.3390/s22218333

Yusuf, M. F. (2022). *Evaluasi Penerimaan Kode QR Nilai Gizi untuk Menu Kantin FK-KMK UGM sebagai Pengembangan Aplikasi Foto Digital Berbasis Teknologi Seluler*. Universitas Gadjah Mada.