Appendix 4. Overview of excluded studies with reason.

Reasons for exclusion:

1) Study protocol (e.g., calibration study or laboratory protocol)
2) No criterion measure was reported
3) Validated outcome
4) Others (e.g., study population)

Study	Reason-Nr.
Abel, M. G., Hannon, J. C., Eisenman, P. A., Ransdell, L. B., Pett, M., & Williams, D. P. (2009). Waist circumference, pedometer placement, and step-counting accuracy in youth. Research quarterly for exercise and sport, 80(3), 434-444.	1
Acebo, C., Sadeh, A., Seifer, R., Tzischinsky, O., Hafer, A., & Carskadon, M. A. (2005). Sleep/wake patterns derived from activity monitoring and maternal report for healthy 1-to 5-year-old children. Sleep, 28(12), 1568-1577.	2
Adamakis, M. (2020). Criterion validity of wearable monitors and smartphone applications to measure physical activity energy expenditure in adolescents. Sport Sciences for Health, 16(4), 755-763.	1
Adolph, A. L., Puyau, M. R., Vohra, F. A., Nicklas, T. A., Zakeri, I. F., & Butte, N. F. (2012). Validation of uniaxial and triaxial accelerometers for the assessment of physical activity in preschool children. Journal of physical activity & health, 9(7).	1
Ahmadi, M. N., Brookes, D., Chowdhury, A., Pavey, T., & Trost, S. G. (2020). Free-living Evaluation of Laboratory-based Activity Classifiers in Preschoolers. Medicine and science in sports and exercise, 52(5), 1227-1234.	3
Ahmadi, M. N., Pavey, T. G., & Trost, S. G. (2020). Machine learning models for classifying physical activity in free-living preschool children. Sensors, 20(16), 4364.	3
Ahmadi, M. N., Chowdhury, A., Pavey, T., & Trost, S. G. (2020). Laboratory-based and free-living algorithms for energy expenditure estimation in preschool children: A free-living evaluation. PloS one, 15(5), e0233229.	3
Anderson, C. B., Hagströmer, M., & Yngve, A. (2005). Validation of the PDPAR as an adolescent diary: effect of accelerometer cut points. Medicine and science in sports and exercise, 37(7), 1224-1230.	3
Armbrust, W., Bos, G. J., Geertzen, J. H., Sauer, P. J., Dijkstra, P. U., & Lelieveld, O. T. (2017). Measuring physical activity in juvenile idiopathic arthritis: activity diary versus accelerometer. The Journal of rheumatology, 44(8), 1249-1256.	2
Asaka, Y., & Takada, S. (2011). Comparing sleep measures of infants derived from parental reports in sleep diaries and acceleration sensors. Acta Paediatrica, 100(8), 1158-1163.	2
Bammann, K., Sioen, I., Huybrechts, I., Casajus, J. A., Vicente-Rodriguez, G., Cuthill, R., ... & De Henauw, S. (2011). The IDEFICS validation study on field methods for assessing physical activity and body composition in children: design and data collection. International Journal of Obesity, 35(1), S79-S87.	4
Berger, I., Obeid, J., Timmons, B. W., & DeMatteo, C. (2017). Exploring accelerometer versus self-report sleep assessment in youth with concussion. Global pediatric health, 4, 2333794X17745973.	2
Boddy, L. M., Noonan, R. J., Kim, Y., Rowlands, A. V., Welk, G. J., Knowles, Z. R., & Fairclough, S. J. (2018). Comparability of children's sedentary time estimates derived from wrist worn GENEActiv and hip worn ActiGraph accelerometer thresholds. Journal of Science and Medicine in Sport, 21(10), 1045-1049.	2
Borghese, M. M., Tremblay, M. S., LeBlanc, A. G., Leduc, G., Boyer, C., & Chaput, J. P. (2017). Comparison of ActiGraph GT3X+ and Actical accelerometer data in 9–11-year-old Canadian children. Journal of sports sciences, 35(6), 517-524.	2
Bornstein, D. B., Beets, M. W., Byun, W., Welk, G., Bottai, M., Dowda, M., & Pate, R. (2011). Equating accelerometer estimates of moderate-to-vigorous physical activity: in search of the Rosetta Stone. Journal of Science and Medicine in Sport, 14(5), 404-410.	3
Bossenbroek, L., Gordijn, M., Kosse, N., van der Hoeven, J., ten Hacken, N., & De Greef, M. (2010). Validation of the DynaPort MiniMod during sleep: a pilot study. Perceptual and motor skills, 111(3), 936-946.	4
Brazendale, K., Beets, M. W., Bornstein, D. B., Moore, J. B., Pate, R. R., Weaver, R. G., ... & International Children's Accelerometry Database (ICAD) Collaborators. (2016). Equating accelerometer estimates among youth: The Rosetta Stone 2. Journal of science and medicine in sport, 19(3), 242-249.	3
Brazendale, K., Decker, L., Hunt, E. T., Perry, M. W., Brazendale, A. B., Weaver, R. G., & Beets, M. W. (2019). Validity and wearability of consumer-based fitness trackers in free-living children. International journal of exercise science, 12(5), 471.	3
Brønd, J. C., Grøntved, A., Andersen, L. B., Arvidsson, D., & Olesen, L. G. (2020). Simple method for the objective activity type assessment with preschoolers, children and adolescents. Children, 7(7), 72.	1

Buchan, D. S., & McLellan, G. (2019). Comparing physical activity estimates in children from hip-worn Actigraph GT3X+ accelerometers using raw and counts based processing methods. Journal of sports sciences, 37(7), 779-787.	2
Burns, R. D., Brusseau, T. A., Fu, Y., & Hannon, J. C. (2016). Establishing school day pedometer step count cut-points using ROC curves in low-income children. Preventive Medicine, 86, 117-122.	3
Butte, N. F., Wong, W. W., Adolph, A. L., Puyau, M. R., Vohra, F. A., & Zakeri, I. F. (2010). Validation of cross-sectional time series and multivariate adaptive regression splines models for the prediction of energy expenditure in children and adolescents using doubly labeled water. The Journal of nutrition, 140(8), 1516-1523.	3
Butte, N. F., Wong, W. W., Lee, J. S., Adolph, A. L., Puyau, M. R., & Zakeri, I. F. (2014). Prediction of energy expenditure and physical activity in preschoolers. Medicine and science in sports and exercise, 46(6), 1216.	3
Cardon, G., & De Bourdeaudhuij, I. (2007). Comparison of pedometer and accelerometer measures of physical activity in preschool children. Pediatric exercise science, 19(2), 205-214.	1
Chandler, J. L., Brazendale, K., Beets, M. W., & Mealing, B. A. (2016). Classification of physical activity intensities using a wrist-worn accelerometer in 8–12-year-old children. Pediatric obesity, 11(2), 120-127.	1
Chandler, J., Beets, M., Saint-Maurice, P., Weaver, R., Cliff, D., Drenowatz, C., ... & Brazendale, K. (2018). Wrist-based accelerometer cut-points to identify sedentary time in 5–11-year-old children. Children, 5(10), 137.	3
Chinapaw, M. J., de Niet, M., Verloigne, M., De Bourdeaudhuij, I., Brug, J., & Altenburg, T. M. (2014). From sedentary time to sedentary patterns: accelerometer data reduction decisions in youth. PloS one, 9(11), e111205.	1
Clevenger, K. A., Molesky, M. J., Vusich, J., & Montoye, A. H. (2019). Free-living comparison of physical activity and sleep data from Fitbit activity trackers worn on the dominant and nondominant wrists. Measurement in Physical Education and Exercise Science.	1
Costa, S., Barber, S. E., Cameron, N., & Clemes, S. A. (2014). Calibration and validation of the ActiGraph GT3X+ in 2–3 year olds. Journal of Science and Medicine in Sport, 17(6), 617-622.	3
Crocker, P. R., Holowachuk, D. R., & Kowalski, K. C. (2001). Feasibility of using the Tritrac motion sensor over a 7-day trial with older children. Pediatric Exercise Science, 13(1), 70-81.	1
Crotti, M., Foweather, L., Rudd, J. R., Hurter, L., Schwarz, S., & Boddy, L. M. (2020). Development of raw acceleration cut-points for wrist and hip accelerometers to assess sedentary behaviour and physical activity in 5–7-year-old children. Journal of Sports Sciences, 38(9), 1036-1045.	3
Crouter, S. E., Horton, M., & Bassett Jr, D. R. (2013). Validity of ActiGraph child-specific equations during various physical activities. Medicine and science in sports and exercise, 45(7), 1403.	3
Dencker, M., Tanha, T., Wollmer, P., Karlsson, M. K., Andersen, L. B., & Thorsson, O. (2013). Tracking of physical activity with accelerometers over a 2-year time period. Journal of Physical Activity and Health, 10(2), 241-248.	1
Dencker, M., Bugge, A., Hermansen, B., & Andersen, L. B. (2010). Objectively measured daily physical activity related to aerobic fitness in young children. Journal of Sports Sciences, 28(2), 139-145.	1
Dobell, A. P., Eyre, E. L., Tallis, J., Chinapaw, M. J., Altenburg, T. M., & Duncan, M. J. (2019). Examining accelerometer validity for estimating physical activity in pre-schoolers during free-living activity. Scandinavian Journal of Medicine & Science in Sports, 29(10), 1618-1628.	3
Downs, J., Leonard, H., & Hill, K. (2012). Initial assessment of the StepWatch Activity Monitor™ to measure walking activity in Rett syndrome. Disability and rehabilitation, 34(12), 1010-1015.	1
Buchan, D. S., & McLellan, G. (2019). Comparing physical activity estimates in children from hip-worn Actigraph GT3X+ accelerometers using raw and counts based processing methods. Journal of sports sciences, 37(7), 779-787.	3
Ekelund, U., Åman, J., & Westerterp, K. (2003). Is the ArteACC index a valid indicator of free-living physical activity in adolescents?. Obesity research, 11(6), 793-801.	3
Ekelund, U., Yngve, A., Sjöström, M., & Westerterp, K. (2000). Field evaluation of the Computer Science and Application's Inc. activity monitor during running and skating training in adolescent athletes. International journal of sports medicine, 21(08), 586-592.	1
Esbensen, A. J., Hoffman, E. K., Stansberry, E., & Shaffer, R. (2018). Convergent validity of actigraphy with polysomnography and parent reports when measuring sleep in children with Down syndrome. Journal of Intellectual Disability Research, 62(4), 281-291.	1
Fairclough, S. J., Noonan, R. J., Rowlands, A. V., Van Hees, V., Knowles, Z. R., & Boddy, L. M. (2016). Wear Compliance and Activity in Children Wearing Wrist and Hip-Mounted Accelerometers. Medicine & Science in Sport & Exercise, 48(2), 245-253.	1
Faria, F. R., Howe, C. A., Sasaki, J. E., Canabrava, K. L., Guedes, D. P., Marins, J. C. B., ... & Amorim, P. R. S. (2020). Validity and Reliability of a Piezoelectric Pedometer for Measuring Physical Activity in Children. Measurement in Physical Education and Exercise Science, 24(3), 157-164.	1
Fischer, C., Yildirim, M., Salmon, J., & Paw, M. C. A. (2012). Comparing different accelerometer cut-points for sedentary time in children. Pediatric Exercise Science, 24(2), 220-228.	3

Floro, J. N., Dunton, G. F., & Delfino, R. J. (2009). Assessing physical activity in children with asthma: convergent validity between accelerometer and electronic diary data. Research quarterly for exercise and sport, 80(2), 153-163.	1
Galland, B., Meredith-Jones, K., Gray, A., Sayers, R., Lawrence, J., Taylor, B., & Taylor, R. (2016). Criteria for nap identification in infants and young children using 24-h actigraphy and agreement with parental diary. Sleep Medicine, 19, 85-92.	2
Garnier, D., & Bénéfice, É. (2006). Reliable method to estimate characteristics of sleep and physical inactivity in free-living conditions using accelerometry. Annals of epidemiology, 16(5), 364-369.	2
Gnidovec, B., Neubauer, D., & Zidar, J. (2002). Actigraphic assessment of sleep–wake rhythm during the first 6 months of life. Clinical Neurophysiology, 113(11), 1815-1821.	3
Gundle, K. R., Punt, S. E., Mattioli-Lewis, T., & Conrad, E. U. (2017). Can a made-for-consumer activity monitor assess physical activity in adolescents and young adults after lower extremity limb salvage for osseous tumors?. Journal of Pediatric Orthopaedics, 37(3), e192-e196.	2
Hagenbuchner, M., Cliff, D. P., Trost, S. G., Van Tuc, N., & Peoples, G. E. (2015). Prediction of activity type in preschool children using machine learning techniques. Journal of Science and Medicine in Sport, 18(4), 426-431.	1
Hager, E. R., Treuth, M. S., Gormely, C., Epps, L., Snitker, S., & Black, M. M. (2015). Ankle accelerometry for assessing physical activity among adolescent girls: threshold determination, validity, reliability, and feasibility. Research quarterly for exercise and sport, 86(4), 397-405.	1
Hager, E. R., Gormley, C. E., Latta, L. W., Treuth, M. S., Caulfield, L. E., & Black, M. M. (2016). Toddler physical activity study: Laboratory and community studies to evaluate accelerometer validity and correlates. BMC Public Health, 16(1), 1-10.	1
Hall, W. A., Liva, S., Moynihan, M., & Saunders, R. (2015). A comparison of actigraphy and sleep diaries for infants' sleep behavior. Frontiers in psychiatry, 6, 19.	2
Hamari, L., Kullberg, T., Ruohonen, J., Heinonen, O. J., Díaz-Rodríguez, N., Lilius, J., ... & Salanterä, S. (2017). Physical activity among children: objective measurements using Fitbit One® and ActiGraph. BMC Research Notes, 10(1), 1-6.	2
Hänggi, J. M., Phillips, L. R., & Rowlands, A. V. (2013). Validation of the GT3X ActiGraph in children and comparison with the GT1M ActiGraph. Journal of science and Medicine in Sport, 16(1), 40-44.	1
Hanish, A. E., Lin-Dyken, D. C., & Han, J. C. (2017). PROMIS sleep disturbance and sleep-related impairment in adolescents: examining psychometrics using self-report and actigraphy. Nursing research, 66(3), 246.	1
Hibbing, P. R., Ellingson, L. D., Dixon, P. M., & Welk, G. J. (2018). Adapted Sojourn Models to Estimate Activity Intensity in Youth: A Suite of Tools. Medicine and Science in Sports and Exercise, 50(4), 846-854.	1
Hibbing, P. R., Bassett, D. R., & Crouter, S. E. (2020). Modifying accelerometer cut-points affects criterion validity in simulated free-living for adolescents and adults. Research quarterly for exercise and sport, 91(3), 514-524.	1
Hildebrand, M., Hansen, B. H., van Hees, V. T., & Ekelund, U. (2017). Evaluation of raw acceleration sedentary thresholds in children and adults. Scandinavian journal of medicine & science in sports, 27(12), 1814-1823.	3
Hislop, J., Palmer, N., Anand, P., & Aldin, T. (2016). Validity of wrist worn accelerometers and comparability between hip and wrist placement sites in estimating physical activity behaviour in preschool children. Physiological measurement, 37(10), 1701.	3
Hjorth, M. F., Chaput, J. P., Damsgaard, C. T., Dalskov, S. M., Michaelsen, K. F., Tetens, I., & Sjödin, A. (2012). Measure of sleep and physical activity by a single accelerometer: can a waist-worn Actigraph adequately measure sleep in children?. Sleep and Biological Rhythms, 10(4), 328-335.	2
Hustyi, K. M., Normand, M. P., & Larson, T. A. (2011). Behavioral assessment of physical activity in obese preschool children. Journal of Applied Behavior Analysis, 44(3), 635-639.	1
Jun, K., & Choi, S. (2020). Unsupervised end-to-end deep model for newborn and infant activity recognition. Sensors, 20(22), 6467.	4
Kahan, D., Nicaise, V., & Reuben, K. (2013). Convergent validity of four accelerometer cutpoints with direct observation of preschool children's outdoor physical activity. Research quarterly for exercise and sport, 84(1), 59-67.	3
Lamprecht, M. L., Bradley, A. P., Williams, G., & Terrill, P. I. (2015). Temporal associations between arousal and body/limb movement in children with suspected obstructed sleep apnoea. Physiological Measurement, 37(1), 115.	1
Lawal, T. A., Todd, J. J., Elliott, J. S., Linton, M. M., Andres, M., Witherspoon, J. W., ... & Meilleur, K. G. (2020). Assessing Motor Function in Congenital Muscular Dystrophy Patients Using Accelerometry. Journal of Neuroscience Nursing, 52(4), 172-178.	1
Lee, X. K., Chee, N. I., Ong, J. L., Teo, T. B., van Rijn, E., Lo, J. C., & Chee, M. W. (2019). Validation of a consumer sleep wearable device with actigraphy and polysomnography in adolescents across sleep opportunity manipulations. Journal of Clinical Sleep Medicine, 15(9), 1337-1346.	1
Leeger-Aschmann, C. S., Schmutz, E. A., Zysset, A. E., Kakebeeke, T. H., Messerli-Bürgy, N., Stülb, K., ... & Kriemler, S. (2019). Accelerometer-derived physical activity estimation in preschoolers–	3

comparison of cut-point sets incorporating the vector magnitude vs the vertical axis. BMC public health, 19(1), 1-8.	
Lunsford-Avery, J. R., Keller, C., Kollins, S. H., Krystal, A. D., Jackson, L., & Engelhard, M. M. (2020). Feasibility and acceptability of wearable sleep electroencephalogram device use in adolescents: Observational Study. JMIR mHealth and uHealth, 8(10), e20590.	1
Macfarlane, D. J., Lee, C. C., Ho, E. Y., Chan, K. L., & Chan, D. (2006). Convergent validity of six methods to assess physical activity in daily life. Journal of Applied Physiology, 101(5), 1328-1334.	2
Mackintosh, K. A., Fairclough, S. J., Stratton, G., & Ridgers, N. D. (2012). A calibration protocol for population-specific accelerometer cut-points in children. PLoS one, 7(5), e36919.	3
Manios, Y., Kafatos, A., & Markakis, G. (1998). Physical activity of 6-year-old children: Validation of two proxy reports. Pediatric Exercise Science, 10(2), 176-188.	3
Mattocks, C., Leary, S., Ness, A., Deere, K., Saunders, J., Tilling, K., ... & Riddoch, C. (2007). Calibration of an accelerometer during free-living activities in children. International Journal of Pediatric Obesity, 2(4), 218-226.	1
McGarty, A. M., Penpraze, V., & Melville, C. A. (2016). Calibration and cross-validation of the ActiGraph wGT3X+ accelerometer for the estimation of physical activity intensity in children with intellectual disabilities. PloS one, 11(10), e0164928.	1
McLellan, G., Arthur, R., & Buchan, D. S. (2018). Wear compliance, sedentary behaviour and activity in free-living children from hip-and wrist-mounted ActiGraph GT3X+ accelerometers. Journal of Sports Sciences, 36(21), 2424-2430.	2
McMinn, D., Rowe, D. A., Stark, M., & Nicol, L. (2010). Validity of the new lifestyles NL-1000 accelerometer for measuring time spent in moderate-to-vigorous physical activity in school settings. Measurement in Physical Education and Exercise Science, 14(2), 67-78.	1
Meltzer, L. J., & Westin, A. M. (2011). A comparison of actigraphy scoring rules used in pediatric research. Sleep medicine, 12(8), 793-796.	3
Mitchell, T., Borner, K., Finch, J., Kerr, J., & Carlson, J. (2017). Using activity monitors to measure sit-to-stand transitions in overweight/obese youth. Medicine and science in sports and exercise, 49(8), 1592.	1
Myers, A., Gibbons, C., Butler, E., Dalton, M., Buckland, N., Blundell, J., & Finlayson, G. (2017). A novel integrative procedure for identifying and integrating three-dimensions of objectively measured free-living sedentary behaviour. BMC Public Health, 17(1), 1-9.	2
Nooijen, C. F., De Groot, J. F., Stam, H. J., van den Berg-Emons, R. J., & Bussmann, H. B. (2015). Validation of an activity monitor for children who are partly or completely wheelchair-dependent. Journal of neuroengineering and rehabilitation, 12(1), 1-11.	1
Noonan, R. J., Boddy, L. M., Kim, Y., Knowles, Z. R., & Fairclough, S. J. (2017). Comparison of children's free-living physical activity derived from wrist and hip raw accelerations during the segmented week. Journal of sports sciences, 35(21), 2067-2072.	2
Oftedal, S., Bell, K. L., Davies, P. S., Ware, R. S., & Boyd, R. N. (2014). Validation of accelerometer cut points in toddlers with and without cerebral palsy. Med Sci Sports Exerc, 46(9), 1808-1815.	3
Pagels, P., Boldemann, C., & Raustorp, A. (2011). Comparison of pedometer and accelerometer measures of physical activity during preschool time on 3-to 5-year-old children. Acta paediatrica, 100(1), 116-120.	1
Pereira, J. R., Sousa-Sá, E., Zhang, Z., Cliff, D. P., & Santos, R. (2020). Concurrent validity of the ActiGraph GT3X+ and activPAL for assessing sedentary behaviour in 2–3-year-old children under free-living conditions. Journal of Science and Medicine in Sport, 23(2), 151-156.	3
Quante, M., Hong, B., von Ash, T., Yu, X., Kaplan, E. R., Rueschman, M., ... & Redline, S. (2021). Associations between parent-reported and objectively measured sleep duration and timing in infants at age 6 months. Sleep, 44(4), zsaa217.	2
Ridgers, N. D., Salmon, J., Ridley, K., O'Connell, E., Arundell, L., & Timperio, A. (2012). Agreement between activPAL and ActiGraph for assessing children's sedentary time. International Journal of Behavioral Nutrition and Physical Activity, 9(1), 1-8.	2
Routen, A. C., Upton, D., Edwards, M. G., & Peters, D. M. (2012). Discrepancies in accelerometer-measured physical activity in children due to cut-point non-equivalence and placement site. Journal of sports sciences, 30(12), 1303-1310.	2
Saris, W. H. M., & Binkhorst, R. A. (1977). The use of pedometer and actometer in studying daily physical activity in man. Part II: validity of pedometer and actometer measuring the daily physical activity. European Journal of Applied Physiology and Occupational Physiology, 37(3), 229-235.	4
Schaefer, C. A., Nace, H., & Browning, R. (2014). Establishing wrist-based cutpoints for the actical accelerometer in elementary school-aged children. Journal of Physical Activity and Health, 11(3), 604-613.	3
Schaefer, C. A., Nigg, C. R., Hill, J. O., Brink, L. A., & Browning, R. C. (2014). Establishing and evaluating wrist cutpoints for the GENEActiv accelerometer in youth. Medicine and science in sports and exercise, 46(4), 826.	3
Schwichtenberg, A. J., Choe, J., Kellerman, A., Abel, E. A., & Delp, E. J. (2018). Pediatric videosomnography: can signal/video processing distinguish sleep and wake states?. Frontiers in pediatrics, 6, 158.	4

Scott, J. J., Rowlands, A. V., Cliff, D. P., Morgan, P. J., Plotnikoff, R. C., & Lubans, D. R. (2017). Comparability and feasibility of wrist-and hip-worn accelerometers in free-living adolescents. Journal of Science and Medicine in Sport, 20(12), 1101-1106.	1
Scruggs, P. W. (2007). A comparative analysis of pedometry in measuring physical activity of children. Medicine and science in sports and exercise, 39(10), 1837-1846.	1
Smith, M. P., Standl, M., Heinrich, J., & Schulz, H. (2017). Accelerometric estimates of physical activity vary unstably with data handling. PLoS One, 12(11), e0187706.	3
Smith, M. P., Horsch, A., Standl, M., Heinrich, J., & Schulz, H. (2018). Uni-and triaxial accelerometric signals agree during daily routine, but show differences between sports. Scientific Reports, 8(1), 1-8.	1
So, K., Michael Adamson, T., & Horne, R. S. (2007). The use of actigraphy for assessment of the development of sleep/wake patterns in infants during the first 12 months of life. Journal of Sleep Research, 16(2), 181-187.	1
Sprengeler, O., Wirsik, N., Hebestreit, A., Herrmann, D., & Ahrens, W. (2017). Domain-specific self-reported and objectively measured physical activity in children. International journal of environmental research and public health, 14(3), 242.	1
Tang, K. T., Richardson, A. M., Maxwell, D., Spence, W. D., & Stansfield, B. W. (2013). Evaluation of an activity monitor for the objective measurement of free-living physical activity in children with cerebral palsy. Archives of physical medicine and rehabilitation, 94(12), 2549-2558.	1
Tikotzky, L., & Volkovich, E. (2019). Infant nocturnal wakefulness: a longitudinal study comparing three sleep assessment methods. Sleep, 42(1), zsy191.	2
Tracy, J. D., Donnelly, T., Sommer, E. C., Heerman, W. J., Barkin, S. L., & Buchowski, M. S. (2021). Identifying bedrest using waist-worn triaxial accelerometers in preschool children. PloS one, 16(1), e0246055.	3
Treiber, F. A., Musante, L., Hartdagan, S., Davis, H., Levy, M., & Strong, W. B. (1989). Validation of a heart rate monitor with children in laboratory and field settings. Medicine and Science in Sports and Exercise, 21(3), 338-342.	3
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Tsai, S. Y., Lee, W. T., Lee, C. C., Jeng, S. F., & Weng, W. C. (2018). Agreement between actigraphy and diary-recorded measures of sleep in children with epilepsy. Journal of Nursing Scholarship, 50(2), 143-150.	2
Tudor-Locke, C., Barreira, T. V., Schuna Jr, J. M., Mire, E. F., & Katzmarzyk, P. T. (2014). Fully automated waist-worn accelerometer algorithm for detecting children's sleep-period time separate from 24-h physical activity or sedentary behaviors. Applied physiology, nutrition, and metabolism, 39(1), 53-57.	3
Van Camp, C. M., & Berth, D. (2018). Further evaluation of observational and mechanical measures of physical activity. Behavioral Interventions, 33(3), 284-296.	3
Van Cauwenberghe, E., Gubbels, J., De Bourdeaudhuij, I., & Cardon, G. (2011). Feasibility and validity of accelerometer measurements to assess physical activity in toddlers. International Journal of Behavioral Nutrition and Physical Activity, 8(1), 1-11.	3
Van Cauwenberghe, E., Wooller, L., Mackay, L., Cardon, G., & Oliver, M. (2012). Comparison of Actical and activPAL measures of sedentary behaviour in preschool children. Journal of Science and Medicine in Sport, 15(6), 526-531.	2
Vanderloo, L. M., Di Cristofaro, N. A., Proudfoot, N. A., Tucker, P., & Timmons, B. W. (2016). Comparing the Actical and ActiGraph approach to measuring young children's physical activity levels and sedentary time. Pediatric exercise science, 28(1), 133-142.	2
Vanhelst, J., Béghin, L., Duhamel, A., Bergman, P., Sjöström, M., & Gottrand, F. (2012). Comparison of uniaxial and triaxial accelerometry in the assessment of physical activity among adolescents under free-living conditions: the HELENA study. BMC medical research methodology, 12(1), 1-6.	2
Welk, G. J., & Corbin, C. B. (1995). The validity of the Tritrac-R3D activity monitor for the assessment of physical activity in children. Research quarterly for exercise and sport, 66(3), 202-209.	2
Werner, H., Molinari, L., Guyer, C., & Jenni, O. G. (2008). Agreement rates between actigraphy, diary, and questionnaire for children's sleep patterns. Archives of pediatrics & adolescent medicine, 162(4), 350-358.	2
Zhu, Z., Chen, P., & Zhuang, J. (2013). Intensity classification accuracy of accelerometer-measured physical activities in Chinese children and youth. Research Quarterly for Exercise and Sport, 84(sup2), S4-S11.	1
Zijlstra, W. M., Ploegstra, M. J., Vissia-Kazemier, T., Roofthooft, M. T., Sarvaas, G. D. M., Bartelds, B., ... & Berger, R. M. (2017). Physical activity in pediatric pulmonary arterial hypertension measured by accelerometry. A candidate clinical endpoint. American Journal of Respiratory and Critical Care Medicine, 196(2), 220-227.	1