EDITORIAL

2179 3rd international conference on ambulatory monitoring of physical activity and movement (University of Massachusetts, Amherst, USA, June 17–19, 2013)
Ben Stansfield, Stacy Clemes, Dinesh John, Kenneth Meijer, Ed Melanson, Alex Rowlands and John Staudenmayer

PAPERS

2183 Machine learning for activity recognition: hip versus wrist data
Stewart G Trost, Yonglei Zheng and Weng-Keen Wong

2191 A random forest classifier for the prediction of energy expenditure and type of physical activity from wrist and hip accelerometers
Katherine Ellis, Jacqueline Kerr, Suneeta Godbole, Gert Lanckriet, David Wing and Simon Marshall

2205 A 20 min window is optimal in a non-wear algorithm for tri-axial thigh-worn accelerometry in overweight people
Brenda A J Berendsen, Marike R C Hendriks, Paul Willems, Kenneth Meijer, Nicolaas C Schaper and Hans H C M Savelberg

2213 An investigation into the minimum accelerometry wear time for reliable estimates of habitual physical activity and definition of a standard measurement day in pre-school children.
Jane Hislop, James Law, Robert Rush, Andrew Grainger, Cathy Bulley, John J Reilly and Tom Mercer

2229 The minimum number of days required to establish reliable physical activity estimates in children aged 2–15 years
Minsoo Kang, Kristie Bjornson, Tiago V Barreira, Brian G Ragan and Kit Song

2239 Intensity and duration of activity bouts decreases in healthy children between 7 and 13 years of age: a new, higher resolution method to analyze StepWatch Activity Monitor data
Kirsten Tulchin-Francis, Wilshaw Stevens Jr and Kelly A Jeans

2255 Post-trial anatomical frame alignment procedure for comparison of 3D joint angle measurement from magnetic/inertial measurement units and camera-based systems
Qingguo Li and Jun-Tian Zhang

2269 A comparison of activity classification in younger and older cohorts using a smartphone
Michael B Del Rosario, Kejia Wang, Jingjing Wang, Ying Liu, Matthew Brodie, Kim Delbaere, Nigel H Lovell, Stephen R Lord and Stephen J Redmond

2278 Comparison of two accelerometer filter settings in individuals with Parkinson’s disease
Martin Benka Wallén, Håkan Nero, Erika Franzén and Maria Hagström

2297 Valid detection of self-propelled wheelchair driving with two accelerometers
H Kooijmans, H L D Hermans, H J Stam and J B J Bussmann

2307 Validity of an activity monitor in young people with cerebral palsy gross motor function classification system level I
Deirdre O’Donoghue and Norelee Kennedy

2319 Comparison of self-reported measure of sitting time (IPAQ) with objective measurement (activPAL)
S F M Chastin, B Culhane and P M Dall

2329 Objective assessment of intensity categorization of the previous day physical activity recall questionnaire in 11–13 year old children
Donough McBrearty, Paul McCrorie, Malcolm Granat, Elaine Duncan and Ben Stansfield

Bibliographic codes
CODEN: PMEAE3 35 (11) 2179–2342 (2014) ISSN: 0967-3334