

## Supplementary Material:

### File S1: Iscole Publications

#### 2013

1. Katzmarzyk P.T., T.V. Barreira, S.T. Broyles, C.M. Champagne, J.-P. Chaput, M. Fogelholm, G. Hu, W.D. Johnson, R. Kuriyan, A. Kurpad, E.V. Lambert, J. Maia, V. Matsudo, C. Maher, T. Olds, V. Onywera, O.L. Sarmiento, M. Standage, M.S. Tremblay, C. Tudor-Locke, P. Zhao and T.S. Church. The International Study of Childhood Obesity, Lifestyle and the Environment (ISCOLE): Design and Methods. *BMC Public Health* 2013;13:900.

#### 2014

2. Borghese M., M.S. Tremblay, G. Leduc, C. Boyer, P. Belanger, A.G. LeBlanc, C. Francis and J.-P. Chaput. Independent and combined associations of total sedentary time and television viewing time with food intake patterns of 9-11 year-old Canadian children. *Applied Physiology, Nutrition and Metabolism* 2014;39:937-943.
3. Chaput J.-P., G. Leduc, C. Boyer, P. Belanger, A.G. LeBlanc, M.M. Borghese, and M.S. Tremblay. Electronic screens in children's bedrooms and adiposity, physical activity and sleep: Do the number and type of electronic devices matter? *Canadian Journal of Public Health* 2014;105(4):e273-e279.
4. Chaput J.-P., G. Leduc, C. Boyer, P. Belanger, A.G. LeBlanc, M.M. Borghese and M.S. Tremblay. Objectively measured physical activity, sedentary time and sleep duration: independent and combined associations with adiposity in Canadian children. *Nutrition and Diabetes* 2014;4:1-5.
5. Gomes T.N., F.K. dos Santos, D. Santos, S. Pereira, R.N. Chaves, P.T. Katzmarzyk and J.A.R. Maia. Correlates of sedentary behaviour in children. A multilevel modelling approach. *BMC Public Health* 2014;14:890.
6. Gomes T.N., F.K. dos Santos, M. Souza, S. Pereira, P.T. Katzmarzyk and J.A.R. Maia. Overweight and obesity in Portuguese children: Prevalence and correlates. *International Journal of Environmental Research and Public Health* 2014;11:11398-11417.
7. Larouche R., J.P. Chaput, G. Leduc, C. Boyer, P. Belanger, A.G. Leblanc, M.M. Borghese and M.S. Tremblay . A cross-sectional examination of socio-demographic and school-level correlates of children's school travel mode in Ottawa, Canada. *BMC Public Health* 2014;14:497.
8. Muthuri S.K., L-J M. Wachira, V.O. Onywera and M.S. Tremblay. Comparative study of physical activity patterns among school children in Kenya and Canada: Results from the ISCOLE project. *African Journal for Physical Health Education, Recreation and Dance* 2014;20(2:2):765-779.
9. Muthuri S.K., J.L. Wachira, V.O. Onywera and M.S. Tremblay. Correlates of objectively measured overweight/obesity and physical activity in Kenyan school children: Results from ISCOLE-Kenya. *BMC Public Health* 2014;14:436.
10. Tudor-Locke C., T.V. Barreira, J.M. Schuna, E.F. Mire and P.T. Katzmarzyk. 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* 2014; 39:53-57.

#### 2015

11. Barreira T.V., J.M. Schuna, E.F. Mire, P.T. Katzmarzyk J-P Chaput, G. Leduc and C. Tudor-Locke. Identifying children's nocturnal sleep using 24-hour waist accelerometry. *Medicine & Science in Sports & Exercise* 2015;47:937-943.
12. Barreira T.V., J.M. Schuna, C. Tudor-Locke, J.-P. Chaput, T.S. Church, M. Fogelholm, G. Hu, R. Kuriyan, A. Kurpad, E.V. Lambert, C. Maher, J. Maia, V. Matsudo, T. Olds, V. Onywera, O.L. Sarmiento, M. Standage, M.S. Tremblay, P. Zhao and P.T. Katzmarzyk for the ISCOLE Research Group. Reliability of accelerometer-determined physical activity and sedentary behavior in school-aged children: A 12 country study. *International Journal of Obesity Supplements* 2015;5(2):S29-S35.
13. Borges A., T.N. Gomes, D.V. Santos, S. Pereira, F.K. Santos, R.N. Chaves, P.T. Katzmarzyk and J.A.R. Maia. A count model to study correlates of 60 minutes of daily physical activity in Portuguese children. *International Journal of Environmental Research and Public Health* 2015;12:2557-2573.
14. Borghese M.M., M.S. Tremblay, P.T. Katzmarzyk, C. Tudor-Locke, J.M. Schuna, G. Leduc, C. Boyer, A.G. LeBlanc, and J.-P. Chaput. Mediating role of television time, diet patterns, physical activity and sleep duration in the association between television in the bedroom and adiposity in 10-year-old children. *International Journal of Behavioral Nutrition and Physical Activity* 2015;12:60 doi:10.1186/s12966-015-0221-5.
15. Borghese M.M., M.S. Tremblay, G. Leduc, C. Boyer, P. Bélanger, A.G. LeBlanc, C. Francis and J.-P. Chaput. Television viewing and food intake during television viewing in normal weight, overweight, and obese 9-11 year-old Canadian Children: A cross-sectional analysis. *Journal of Nutritional Science* 2015;4:e8:1-9.
16. Broyles S.T., K.D. Denstel, T.S. Church, J.-P. Chaput, M. Fogelholm, G. Hu, R. Kuriyan, A. Kurpad, E.V. Lambert, C. Maher, J. Maia, V. Matsudo, T. Olds, V. Onywera, O.L. Sarmiento, M. Standage, M.S. Tremblay, C. Tudor-Locke, P. Zhao and P.T. Katzmarzyk for the ISCOLE Research Group. The epidemiological transition and the global childhood obesity epidemic. *International Journal of Obesity Supplements* 2015;5(2):S3-S8.
17. Broyles S.T., K.T. Drazba, T.S. Church, J.-P. Chaput, M. Fogelholm, G. Hu, R. Kuriyan, A. Kurpad, E.V. Lambert, C. Maher, J. Maia, V. Matsudo, T. Olds, V. Onywera, O.L. Sarmiento, M. Standage, M.S. Tremblay, C. Tudor-Locke, P. Zhao and P.T. Katzmarzyk for the ISCOLE Research Group. Development and reliability of an audit tool to assess the school physical activity environment across 12 countries. *International Journal of Obesity Supplements* 2015;5(2):S36-S42.
18. Chaput J.P., P.T. Katzmarzyk, A.G. LeBlanc, M.S. Tremblay, T.V. Barreira, S.T. Broyles, M. Fogelholm, G. Hu, R. Kuriyan, A. Kurpad, E.V. Lambert, D.E. Rae, C. Maher, J. Maia, V. Matsudo, V. Onywera, O.L. Sarmiento, M. Standage, C. Tudor-Locke, P. Zhao, and T. Olds for the ISCOLE Research Group. Associations between sleep patterns and lifestyle behaviors in children: An international comparison. *International Journal of Obesity Supplements* 2015;5(2):S59-S65.
19. Denstel K.D., S.T. Broyles, R. Larouche, O.L. Sarmiento, T.V. Barreira, J.-P. Chaput, T.S. Church, M. Fogelholm, G. Hu, R. Kuriyan, A. Kurpad, E.V. Lambert, C. Maher, J. Maia, V. Matsudo, T. Olds, V. Onywera, M. Standage, M.S. Tremblay, C. Tudor-Locke, P. Zhao and P.T. Katzmarzyk for the ISCOLE Research Group. Active school transport and weekday physical activity in 9-11 year old children from 12 countries. *International Journal of Obesity Supplements* 2015;5(2):S100-S106.

20. Ferrari G., T.L. Araujo, L.C. Oliveira, V. Matsudo, T.V. Barreira, E. Mire, C. Tudor-Locke and P.T. Katzmarzyk. Association between television viewing and physical activity in 10-year old Brazilian children. *Journal of Physical Activity and Health* 2015; 12:1401-1408.
21. Ferrari G., T.L. Araujo, L.C. Oliveira, V. Matsudo and M. Fisberg. Association between electronic equipment in the bedroom and sedentary lifestyle, physical activity and body mass index of children. *Jornal de Pediatria* 2015;91(6):574-582.
22. Ferrari G., L.C. Oliveira, T.L. Araujo, V. Matsudo, T.V. Barreira, C. Tudor-Locke and P.T. Katzmarzyk. Moderate-to-vigorous physical activity and sedentary behavior: independent associations with body composition variables in Brazilian children. *Pediatric Exercise Science* 2015;27:380-389.
23. Gomes T.N., D. Hedeker, F.K. dos Santos, S. Pereira, P.T. Katzmarzyk and J.A.R. Maia. Why are children different in their daily sedentariness? An approach based on the mixed-effects location scale model. *PloS One* 2015;10(7):e0132192.
24. Gomes T.N., P.T. Katzmarzyk, F.K. dos Santos, R. Chaves, D.M. Santos, S. Pereira, C.M. Champagne, D. Hedeker and J.A.R. Maia. Are BMI and sedentariness correlated? A multilevel study in children. *Nutrients* 2015;7:5889-5904.
25. Katzmarzyk P.T., T.V. Barreira, S.T. Broyles, C.M. Champagne, J.-P. Chaput, M. Fogelholm, G. Hu, W.D. Johnson, R. Kuriyan, A. Kurpad, E.V. Lambert, C. Maher, J. Maia, V. Matsudo, T. Olds, V. Onywera, O.L. Sarmiento, M. Standage, M.S. Tremblay, C. Tudor-Locke, P. Zhao and T.S. Church for the ISCOLE Research Group. Relationship between lifestyle behaviors and obesity in children ages 9-11. Results from a 12-country study. *Obesity* 2015;23:1696-1702.
26. Katzmarzyk P.T., T.V. Barreira, S.T. Broyles, C.M. Champagne, J.-P. Chaput, M. Fogelholm, G. Hu, W.D. Johnson, R. Kuriyan, A. Kurpad, E.V. Lambert, C. Maher, J. Maia, V. Matsudo, T.S. Olds, V. Onywera, O.L. Sarmiento, M. Standage, M.S. Tremblay, C. Tudor-Locke, P. Zhao and T.S. Church for the ISCOLE Research Group. Physical activity, sedentary time and obesity in an international sample of children. *Medicine and Science in Sports and Exercise* 2015;47:2062-2069.
27. Katzmarzyk P.T., T.V. Barreira, S.T. Broyles, J.-P. Chaput, M. Fogelholm, G. Hu, R. Kuriyan, A. Kurpad, E.V. Lambert, C. Maher, J. Maia, V. Matsudo, T. Olds, V. Onywera, O.L. Sarmiento, M. Standage, M.S. Tremblay, C. Tudor-Locke, P. Zhao and T.S. Church for the ISCOLE Research Group. Association between body mass index and body fat in 9-11 year old children from countries spanning a range of human development. *International Journal of Obesity Supplements* 2015;5(2):S43-S46.
28. Larouche R., O.L. Sarmiento, S.T. Broyles, K.D. Denstel, T.S. Church, J.-P. Chaput, M. Fogelholm, G. Hu, R. Kuriyan, A. Kurpad, E.V. Lambert, C. Maher, J. Maia, V. Matsudo, T. Olds, V. Onywera, M. Standage, M.S. Tremblay, C. Tudor-Locke, P. Zhao and P.T. Katzmarzyk for the ISCOLE Research Group. Are the correlates of active school transport context-specific? *International Journal of Obesity Supplements* 2015;5(2):S89-S99.
29. LeBlanc A.G., S.T. Broyles, Harrington D., J.P. Chaput, M. Fogelholm, G. Hu, R. Kuriyan, A. Kurpad, E.V. Lambert, C. Maher, J. Maia, V. Matsudo, T. Olds, V.O. Onywera, O.L. Sarmiento, M. Standage, M.S. Tremblay, C. Tudor-Locke, P. Zhao, T.S. Church and P.T. Katzmarzyk. Correlates of total sedentary time and screen time in 9-11 year-old children around the world: The International Study of Childhood Obesity, Lifestyle, and the Environment. *PLoS One* 2015;10(6):e0129622.

30. LeBlanc A.G., S.T. Broyles, J.-P. Chaput, G. Leduc, C. Boyer, M.M. Borghese and M.S. Tremblay. Correlates of objectively measured sedentary time and self-reported screen time in Canadian children. *International Journal of Behavioral Nutrition and Physical Activity* 2015;12:38 doi:10.1186/s12966-015-0197-1.
31. LeBlanc A.G., P.T. Katzmarzyk, T.V. Barreira, S.T. Broyles, J.-P. Chaput, T.S. Church, M. Fogelholm, D.M. Harrington, G. Hu, R. Kuriyan, A. Kurpad, E.V. Lambert, C. Maher, J. Maia, V. Matsudo, T. Olds, V. Onywera, O.L. Sarmiento, M. Standage, C. Tudor-Locke, P. Zhao and M.S. Tremblay for the ISCOLE Research Group. Are participant characteristics from ISCOLE study sites comparable to the rest of their country? *International Journal of Obesity Supplements* 2015;5(2):S9-S16.
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33. Mikkilä V., H. Vepsäläinen, T. Saloheimo, S.A. Gonzalez, J.D. Meisel, G. Hu, C.M. Champagne, T.S. Church, P.T. Katzmarzyk, R. Kuriyan, A. Kurpad, E.V. Lambert, C. Maher, J. Maia, V. Matsudo, T.S. Olds, V. Onywera, O.L. Sarmiento, M. Standage, M.S. Tremblay, C. Tudor-Locke, P. Zhao and M. Fogelholm for the ISCOLE Research Group. An international comparison of dietary patterns in 9-11 year old children. *International Journal of Obesity Supplements* 2015;5(2):S17-S21.
34. Muthuri S.K., J.L.M. Wachira, V.O. Onywera and M.S. Tremblay. Direct and self-reported measures of physical activity and sedentary behaviours by weight status in school-aged children: Results from ISCOLE-Kenya. *Annals of Human Biology* 2015;42(3):237-245.
35. Pereira S., T.N. Gomes, A. Borges, D.V. Santos, M. Souza, F.K. dos Santos, R.N. Chaves, P.T. Katzmarzyk and J.A.R. Maia. Variability and stability in daily moderate-to-vigorous physical activity among 10 year old children. *International Journal of Environmental Research and Public Health* 2015;12:9248-9263.
36. Pereira S., P.T. Katzmarzyk, T.N. Gomes, A. Borges, D.V. Santos, M. Souza, F.K. dos Santos, R.N. Chaves, T.V. Barreira and J.A.R. Maia. Profiling physical activity, diet, screen and sleep habits in Portuguese children. *Nutrients* 2015;7:4345-4362.
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39. Sarmiento O.L., P. Lemoine, S.A. Gonzalez, S.T. Broyles, K.D. Denstel, R. Larouche, V. Onywera, T.V. Barreira, J.-P. Chaput, M. Fogelholm, G. Hu, R. Kuriyan, A. Kurpad, E.V. Lambert, C. Maher, J. Maia, V. Matsudo, T. Olds, M. Standage, M.S. Tremblay, C. Tudor-Locke, P. Zhao, T.S. Church and P.T. Katzmarzyk for the ISCOLE Research Group. Relationships between active school transport and

- adiposity indicators in school age children from low-, middle- and high-income countries. *International Journal of Obesity Supplements* 2015;5(2):S107-S114.
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  44. Vepsäläinen H., V. Mikkilä, M. Erkkola, S.T. Broyles, J.-P. Chaput, G. Hu, R. Kuriyan, A. Kurpad, E.V. Lambert, C. Maher, J. Maia, V. Matsudo, T. Olds, V. Onywera, O.L. Sarmiento, M. Standage, M.S. Tremblay, C. Tudor-Locke, P. Zhao, T.S. Church, P.T. Katzmarzyk and M. Fogelholm for the ISCOLE Research Group. Association between home and school food environments and dietary patterns among 9-11 year old children in 12 countries. *International Journal of Obesity Supplements* 2015;5(2):S66-S73.
  45. Zakrzewski J.K., F.B. Gillison, S. Cumming, T.S. Church, P.T. Katzmarzyk, S.T. Broyles, C.M. Champagne, J.-P. Chaput, K. D. Denstel, M. Fogelholm, G. Hu, R. Kuriyan, A. Kurpad, E.V. Lambert, C. Maher, J. Maia, V. Matsudo, E.F. Mire, T. Olds, V. Onywera, O.L. Sarmiento, M.S. Tremblay, C. Tudor-Locke, P. Zhao and M. Standage for the ISCOLE Research Group. Associations between breakfast frequency and adiposity indicators in children from 12 countries. *International Journal of Obesity Supplements* 2015;5(2):S80-S88.
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46. Chaput J.-P., M. Weippert, T.V. Barreira, S.T. Broyles, M. Fogelholm, G. Hu, R. Kuriyan, A. Kurpad, E.V. Lambert, C. Maher, J. Maia, V. Matsudo, T. Olds, V. Onywera, O.L. Sarmiento, M. Standage, M.S. Tremblay, C. Tudor-Locke, P. Zhao and P.T. Katzmarzyk. Are children like werewolves? Full moon and its association with sleep and activity behaviors in an international sample of children. *Frontiers in Pediatrics* 2016;4:24.

47. Dumuid, D., T.S. Olds, L.K. Lewis, and C. Maher. Does home equipment contribute to socioeconomic gradients in Australian children's physical activity, sedentary time and screen time? *BMC Public Health* 2016;16(1): 736.
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51. LeBlanc A.G., C. Boyer, M.M. Borghese, J.-P. Chaput, G. Leduc, M.S. Tremblay and P.E. Longmuir. Canadian physical activity and screen time guidelines: Do children know? *Health Behavior and Policy Review* 2016;3(5):444-454.
52. Lewis L.K., C. Maher, K. Belanger, M.S. Tremblay, J.-P. Chaput and T. Olds. At the mercy of the Gods: Associations between weather, physical activity and sedentary time in children. *Pediatric Exercise Science* 2016; 28:152-163.
53. Lewis L., C. Maher, P.T. Katzmarzyk and T.S. Olds. Individual and school-level socio-economic gradients in physical activity in Australian school children. *Journal of School Health* 2016;86:105-112.
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58. Muthuri S.K., J.L M. Wachira, V.O. Onywera and M.S. Tremblay. Associations between parental perceptions of the neighbourhood environment and childhood physical activity: results from ISCOLE-Kenya. *Journal of Physical Activity and Health*; 2016;13:333-343.
59. Muthuri S.K., L-J.M. Wachira, V.O. Onywera, M.S. Tremblay, J.-P. Chaput, M. Fogelholm, G. Hu, R. Kuriyan, A. Kurpad, E.V. Lambert, C. Maher, J. Maia, V. Matsudo, T. Olds, O.L. Sarmiento, M. Standage, C. Tudor-Locke, P. Zhao, T.S. Church and P.T. Katzmarzyk. Relationships between parental education and

- overweight with childhood overweight and physical activity in 9-11 year old children: Results from a 12-country study. *PLoS One* 2016;11(8): e0147746.
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