Table S1 Intraclass correlations (ICC) estimating consistency in accelerometer output by number of valid wear days

<table>
<thead>
<tr>
<th>Number of days accelerometer worn</th>
<th>Two</th>
<th>Three</th>
<th>Four</th>
<th>Five</th>
<th>Six</th>
<th>Seven</th>
</tr>
</thead>
<tbody>
<tr>
<td>n</td>
<td>68</td>
<td>63</td>
<td>57</td>
<td>52</td>
<td>44</td>
<td>24</td>
</tr>
<tr>
<td>Wear Time</td>
<td>.88</td>
<td>.91</td>
<td>.92</td>
<td>.94</td>
<td>.95</td>
<td>.96</td>
</tr>
<tr>
<td>MPA</td>
<td>.77</td>
<td>.81</td>
<td>.84</td>
<td>.83</td>
<td>.84</td>
<td>.85</td>
</tr>
<tr>
<td>VPA</td>
<td>.26</td>
<td>.57</td>
<td>.65</td>
<td>.66</td>
<td>.75</td>
<td>.77</td>
</tr>
<tr>
<td>MVPA</td>
<td>.76</td>
<td>.82</td>
<td>.85</td>
<td>.85</td>
<td>.86</td>
<td>.88</td>
</tr>
<tr>
<td>Total PA</td>
<td>.69</td>
<td>.80</td>
<td>.87</td>
<td>.90</td>
<td>.91</td>
<td>.90</td>
</tr>
</tbody>
</table>

ICCs estimated using a two-way mixed model for consistency. MPA: moderate physical activity, VPA: vigorous physical activity, MVPA: moderate-to-vigorous physical activity, PA: physical activity

n represents number of participants with complete valid accelerometer for the days worn.
Figure S1. Intraclass correlations (ICC) estimating consistency in accelerometer output by number of valid wear days. MPA: moderate physical activity, VPA: vigorous physical activity, MVPA: moderate-to-vigorous physical activity, PA: physical activity. Solid black line represents acceptable consistency (ICC=.80).
The Pathways to Health Study: Neighbourhood Physical Activity Measurement Tool

Thank you for agreeing to complete this survey. This questionnaire collects important information about your physical activity, about your neighbourhood, and about you. We are interested in finding out about the kinds of physical activities that people do as part of their everyday lives.

All information you provide is strictly confidential. To make our study useful we need as many questions answered as possible; all questions if possible. We value your opinions. This questionnaire should take approximately 20 minutes to complete. Please read all questions carefully.

Instructions for maximum accuracy
Mark choice boxes with a cross like this: X
Mark response boxes with a value, for example: 9 9
If you make a mistake, cross out your incorrect choice like this: X
Use a pencil or ballpoint pen.

During the last 7 days, was there anything that altered your normal levels of physical activity (i.e. injury, travel, sickness, etc.)?

Yes  No
QUESTIONS ABOUT YOUR PHYSICAL ACTIVITY

The following questions will ask you about the time you spent being physically active in the last 7 days. Answer each question even if you do not consider yourself an active person. Think about the activities you do to get from place to place, and in your spare time for recreation, exercise or sport. Think about whether your activities were carried out inside your residential neighbourhood.

PART 1: TRANSPORTATION PHYSICAL ACTIVITY

Think only about the bicycling and walking you might have done to travel to and from work, to do errands, or to go from place to place inside your neighbourhood.

1. During the last 7 days, on how many days did you bicycle to go from place to place inside your neighbourhood?
   _____________ days per week (if '0' skip to question 3)

2. How much time did you usually spend on one of those days to bicycle from place to place inside your neighbourhood?
   _____________ hours per day
   _____________ minutes per day

3. During the last 7 days, on how many days did you walk to go from place to place inside your neighbourhood?
   _____________ days per week (if '0' skip to question 5)

4. How much time did you usually spend on one of those days walking from place to place inside your neighbourhood?
   _____________ hours per day
   _____________ minutes per day
PART 2: RECREATION, SPORT, AND LEISURE-TIME PHYSICAL ACTIVITY

This section is about all the physical activities that you did in the last 7 days solely for recreation, sport, exercise or leisure. Please do not include any activities you have already mentioned.

5. Not counting any walking you have already mentioned, during the last 7 days, on how many days did you walk for recreation, leisure, or exercise inside your neighbourhood?

   ________ days per week (if '0' skip to question 7)

6. How much time did you usually spend on one of those days walking for recreation, leisure, or exercise inside your neighbourhood?

   ________ hours per day
   ________ minutes per day

Now consider all the moderate and vigorous activities that you did in the last 7 days.

Moderate activities include activities that take moderate physical effort and make you breathe somewhat harder than normal (you could still talk to someone during the activity). Vigorous activities include activities that require hard physical effort and make you breathe much harder than normal (it would be very difficult for you to talk to someone during the activity).

7. During the last 7 days, on how many days did you do vigorous physical activities like aerobics, running, fast bicycling, or fast swimming in your leisure time inside your neighbourhood?

   ________ days per week (if '0' skip to question 9)

8. How much time did you usually spend on one of those days doing vigorous physical activities in your leisure time inside your neighbourhood?

   ________ hours per day
   ________ minutes per day

9. During the last 7 days, on how many days did you do moderate physical activities like bicycling at a regular pace, swimming at a regular pace, and doubles tennis in your leisure time inside your neighbourhood?

   ________ days per week (if '0' skip to question 11)
10. How much time did you usually spend on one of those days doing moderate physical activities in your leisure time inside your neighbourhood?

   _______ hours per day
   _______ minutes per day

QUESTIONS ABOUT YOU

11. Please indicate your sex:

   [ ] Male
   [ ] Female

12. In what year were you born?

   _______ YEAR OF BIRTH

13. How many dependents live at your home?

   Number of dependents younger than 6 years of age: _______
   Number of dependents 6 years to 18 years of age: _______
   Number of dependents older than 18 years of age: _______

14. How many dogs live in your household?

   Number of dogs: _______

15. Do you have access to a motor vehicle available for your own personal use?

   [ ] Yes
   [ ] No
   [ ] I do not drive
16. Do you have access to a bicycle available for your own personal use?

☐ Yes

☐ No

17. What level of education have you completed? Please select all that apply.

☐ Some secondary (high) school or less (but not graduated)

☐ Secondary (high) school diploma or equivalency certificate

☐ Registered apprenticeship or trades certificate or diploma

☐ General or vocational college or other non-university certificate or diploma

☐ University certificate or diploma (below bachelor level)

☐ University degree, certificate or diploma (bachelor level)

☐ University certificate or diploma (professional degree e.g., medicine, law, engineering

☐ University certificate or diploma (above bachelor level)

☐ University degree (master’s degree or doctorate)

☐ Other (please specify): ____________________________

Thank you for completing this survey