NEWS-CFA: Confirmatory Factor Analysis Scoring for Neighborhood Environment Walkability Scale

We would like to find out more information about the way that you perceive or think about your neighborhood. Please answer the following questions about your neighborhood and yourself.

A. Types of residences in your neighborhood

Please circle the answer that best applies to you and your neighborhood.

1. How common are detached single-family residences in your immediate neighborhood?

2. How common are townhouses or row houses of 1-3 stories in your immediate neighborhood?

3. How common are apartments or condos 1-3 stories in your immediate neighborhood?

4. How common are apartments or condos 4-6 stories in your immediate neighborhood?

5. How common are apartments or condos 7-12 stories in your immediate neighborhood?

6. How common are apartments or condos more than 13 stories in your immediate neighborhood?
B. Stores, facilities, and other things in your neighborhood

About how long would it take to get from your home to the nearest businesses or facilities listed below if you walked to them? Please put only one check mark (√) for each business or facility.

<table>
<thead>
<tr>
<th>Business</th>
<th>1-5 min</th>
<th>6-10 min</th>
<th>11-20 min</th>
<th>20-30 min</th>
<th>30+ min</th>
<th>don’t know</th>
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</thead>
<tbody>
<tr>
<td>example: gas station</td>
<td>1. ____</td>
<td>2. ____</td>
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<td>1. convenience/small grocery store</td>
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<td>2. supermarket</td>
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<td>3. hardware store</td>
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<td>4. fruit/vegetable market</td>
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<td>5. laundry/dry cleaners</td>
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<td>6. clothing store</td>
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<td>7. post office</td>
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<td>8. library</td>
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<td>9. elementary school</td>
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<td>10. other schools</td>
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<td>11. book store</td>
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<td>12. fast food restaurant</td>
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<td>13. coffee place</td>
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<td>14. bank/credit union</td>
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<td>15. non-fast food restaurant</td>
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<td>16. video store</td>
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<td>17. pharmacy/drug store</td>
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<td>18. salon/barber shop</td>
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<td>8. ____</td>
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<td>19. your job or school</td>
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<td>8. ____</td>
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</table>

[check here _____ if not applicable]
C. Access to services

Please circle the answer that best applies to you and your neighborhood. Both local and within walking distance mean within a 10-15 minute walk from your home.

1. I can do most of my shopping at local stores.
   1. strongly disagree  2. somewhat disagree  3. somewhat agree  4. strongly agree

2. Stores are within easy walking distance of my home.
   1. strongly disagree  2. somewhat disagree  3. somewhat agree  4. strongly agree

3. There are many places to go within easy walking distance of my home.
   1. strongly disagree  2. somewhat disagree  3. somewhat agree  4. strongly agree

4. It is easy to walk to a transit stop (bus, train) from my home.
   1. strongly disagree  2. somewhat disagree  3. somewhat agree  4. strongly agree

D. Streets in my neighborhood

Please circle the answer that best applies to you and your neighborhood.

1. The distance between intersections in my neighborhood is usually short (100 yards or less; the length of a football field or less).
   1. strongly disagree  2. somewhat disagree  3. somewhat agree  4. strongly agree
2. There are many four-way intersections in my neighborhood.
   1 2 3 4
   strongly somewhat somewhat strongly
disagree disagree agree agree

3. There are many alternative routes for getting from place to place in my neighborhood. (I don’t have to go the same way every time.)
   1 2 3 4
   strongly somewhat somewhat strongly
disagree disagree agree agree

H. Places for walking and cycling

Please circle the answer that best applies to you and your neighborhood.

1. There are sidewalks on most of the streets in my neighborhood.
   1 2 3 4
   strongly somewhat somewhat strongly
disagree disagree agree agree

2. The sidewalks in my neighborhood are well maintained (paved, even, and not a lot of cracks).
   1 2 3 4
   strongly somewhat somewhat strongly
disagree disagree agree agree

3. There are bicycle or pedestrian trails in or near my neighborhood that are easy to get to.
   1 2 3 4
   strongly somewhat somewhat strongly
disagree disagree agree agree

4. Sidewalks are separated from the road/traffic in my neighborhood by parked cars.
   1 2 3 4
   strongly somewhat somewhat strongly
disagree disagree agree agree

5. There is a grass/dirt strip that separates the streets from the sidewalks in my neighborhood.
   1 2 3 4
   strongly somewhat somewhat strongly
disagree disagree agree agree
6. It is safe to ride a bike in or near my neighborhood.

1 strongly disagree 2 somewhat disagree 3 somewhat agree 4 strongly agree

7. My neighborhood streets are well lit at night.

1 strongly disagree 2 somewhat disagree 3 somewhat agree 4 strongly agree

8. Walkers and bikers on the streets in my neighborhood can be easily seen by people in their homes.

1 strongly disagree 2 somewhat disagree 3 somewhat agree 4 strongly agree

9. There are crosswalks and pedestrian signals to help walkers cross busy streets in my neighborhood.

1 strongly disagree 2 somewhat disagree 3 somewhat agree 4 strongly agree

10. The crosswalks in my neighborhood help walkers feel safe crossing busy streets.

1 strongly disagree 2 somewhat disagree 3 somewhat agree 4 strongly agree

F. Neighborhood surroundings

Please circle the answer that best applies to you and your neighborhood.

1. There are trees along the streets in my neighborhood.

1 strongly disagree 2 somewhat disagree 3 somewhat agree 4 strongly agree

2. Trees give shade for the sidewalks in my neighborhood.

1 strongly disagree 2 somewhat disagree 3 somewhat agree 4 strongly agree
3. There are many interesting things to look at while walking in my neighborhood.

1. strongly disagree
2. somewhat disagree
3. somewhat agree
4. strongly agree

4. My neighborhood is generally free from litter.

1. strongly disagree
2. somewhat disagree
3. somewhat agree
4. strongly agree

5. There are many attractive natural sights in my neighborhood (such as landscaping, views).

1. strongly disagree
2. somewhat disagree
3. somewhat agree
4. strongly agree

6. There are attractive buildings/homes in my neighborhood.

1. strongly disagree
2. somewhat disagree
3. somewhat agree
4. strongly agree

G. Traffic Hazards

Please circle the answer that best applies to you and your neighborhood.

1. There is so much traffic along the street I live on that it makes it difficult or unpleasant to walk in my neighborhood.

1. strongly disagree
2. somewhat disagree
3. somewhat agree
4. strongly agree

2. There is so much traffic along nearby streets that it makes it difficult or unpleasant to walk in my neighborhood.

1. strongly disagree
2. somewhat disagree
3. somewhat agree
4. strongly agree

3. The speed of traffic on the street I live on is usually slow (30 mph or less).

1. strongly disagree
2. somewhat disagree
3. somewhat agree
4. strongly agree
4. The speed of traffic on most nearby streets is usually slow (30 mph or less).
   
   1  2  3  4  
   strongly somewhat somewhat strongly  
   disagree disagree agree agree  

5. Most drivers exceed the posted speed limits while driving in my neighborhood.
   
   1  2  3  4  
   strongly somewhat somewhat strongly  
   disagree disagree agree agree  

6. When walking in my neighborhood there are a lot of exhaust fumes (such as from cars, buses).
   
   1  2  3  4  
   strongly somewhat somewhat strongly  
   disagree disagree agree agree  

**H. Neighborhood safety**

1. There is a high crime rate in my neighborhood.
   
   1  2  3  4  
   strongly somewhat somewhat strongly  
   disagree disagree agree agree  

2. The crime rate in my neighborhood makes it unsafe to go on walks during the day.
   
   1  2  3  4  
   strongly somewhat somewhat strongly  
   disagree disagree agree agree  

3. The crime rate in my neighborhood makes it unsafe to go on walks at night.
   
   1  2  3  4  
   strongly somewhat somewhat strongly  
   disagree disagree agree agree  

4. My neighborhood is safe enough so that I would let a 10-year-old boy walk around my block alone in the daytime.
   
   1  2  3  4  
   strongly somewhat somewhat strongly  
   disagree disagree agree agree  

**I. Lack of Parking**

1. Parking is difficult in local shopping areas.
   
   1  2  3  4  
   strongly somewhat somewhat strongly  
   disagree disagree agree agree  

7
J. Lack of Cul-de-sacs

1. The streets on my neighborhood do not have many cul-de-sacs.
   
   1   2   3   4
   strongly    somewhat    somewhat    strongly
   disagree    disagree    agree      agree

K. Hilliness

1. The streets on my neighborhood are hilly, making my neighborhood difficult to walk in.
   
   1   2   3   4
   strongly    somewhat    somewhat    strongly
   disagree    disagree    agree      agree

L. Physical Barriers

1. There are major barriers to walking in my neighborhood that make it hard to get from place to place (for example, freeways, railway lines, rivers, canyons, hillsides).
   
   1   2   3   4
   strongly    somewhat    somewhat    strongly
   disagree    disagree    agree      agree

N. Social Interaction While Walking

1. I see and speak to other people when I am walking in my neighborhood.
   
   1   2   3   4
   strongly    somewhat    somewhat    strongly
   disagree    disagree    agree      agree