

Supplemental table referred to on page 1688 of:

Cerin, E., Saelens, B.E., Sallis, J.F., and Frank, L.D. (2006). Neighborhood environment walkability scale: Validity and development of a short form. **Medicine and Science in Sports and Exercise**, **38**, 1682-1691.

**Summary table of psychometric characteristics of items omitted from the NEWS-A**

	Pairs of items similar in content	Correlation with WT		Correlation with WR*	Contribution to criterion validity of factor – WT ( $dR^2$ )		Contribution criterion validity of factor – WR ( $dR^2$ )		Test-retest
		Indiv. level	Neigh. level	Indiv. level	ILF	NLF	ILF	ICC	
A1	I can do most of my shopping at the local stores (O)	.08 <sup>b</sup>	.46 <sup>c</sup>	.00	.001	-.001	-.001	.17	.41
A2	Stores are within easy walking distance at my home (S)	.10 <sup>c</sup>	.49 <sup>c</sup>	.04 <sup>a</sup>	.001	.020	.002 <sup>a</sup>	.28	.54
B3	The distance between intersections in my neighborhood is usually short (S)	.03	.62 <sup>c</sup>	.00	.001	.162 <sup>c</sup>	.000	.32	.61
B4	There are many four-way intersections in my neighborhood (O)	-.02	.72 <sup>c</sup>	.01	-.001	.009	.000	.34	.55
D1	There are trees along the streets in my neighborhood (S)	.10 <sup>c</sup>	.23 <sup>a</sup>	.08 <sup>b</sup>	.004 <sup>a</sup>	.001	.003 <sup>a</sup>	.16	.63
D2	Trees give shade for the sidewalks in my neighborhood (O)	.08 <sup>b</sup>	.28 <sup>b</sup>	.07 <sup>b</sup>	.000	.001	.001	.23	.52
E1	There is so much traffic along the street I live on that it makes it difficult or unpleasant to walk in my neighborhood (O)	.02	.03	-.03	.000	.000	.000	.13	.49

E2	There is so much traffic along nearby streets that it makes it difficult or unpleasant to walk in my neighborhood (S)	-.02	-.23 <sup>a</sup>	-.06 <sup>a</sup>	.001	.030 <sup>a</sup>	.002 <sup>a</sup>	.13	.62
E3	The speed of traffic on the street I live on is usually slow (O)	-.02	.01	.00	.000	.000	.000	.14	.59
E4	The speed of traffic on most nearby streets is usually slow (S)	-.02	.37 <sup>b</sup>	.03	.000	.038 <sup>a</sup>	.001	.15	.59
E8	There are crossways and pedestrian signals to help walkers across busy streets in my neighborhood (S)	.04 <sup>a</sup>	.54 <sup>c</sup>	-.02	.017 <sup>c</sup>	.027	.000	.17	.59
E9	The crosswalks in my neighborhood help walkers feel safe crossing busy streets (O)	.01	.41 <sup>c</sup>	-.02	.015 <sup>c</sup>	.004	.000	.12	.44
Other excluded items									
B2	There are walkways in my neighborhood that connect cul-de-sacs to streets, trails, or other cul-de-sacs	.03	-.14	.01	NA	NA	NA	.07	.37
C2	The sidewalks in my neighborhood are well maintained	-.02	.19	-.02	-.001	.000	.000	.19	.70
C3	There are bicycle or pedestrian trails in or near my neighborhood that are easy to get to	.01	-.15	.03	.000	-.022	.000	.23	.57
C6	It is safe to ride a bike in or near my neighborhood	.01	-.14	.00	.000	-.019	.000	.08	NA
D4	My neighborhood is generally free from litter	.05 <sup>a</sup>	-.55 <sup>c</sup>	-.02	.004 <sup>a</sup>	-.027	-.003 <sup>a</sup>	.31	.67
E10	When walking in my neighborhood there are a lot of exhaust fumes	.03	.67 <sup>c</sup>	.07 <sup>b</sup>	.000	.038 <sup>a</sup>	.001	.13	.54

F1	I see and speak to other people when I am walking in my neighborhood	.16 <sup>c</sup>	-.09	.08 <sup>b</sup>	NA	-.001	NA	.02	.61
F5	My neighborhood is safe enough so that I would let a 10-year-old boy walk around my block alone in the daytime	-.01	-.30 <sup>b</sup>	-.04 <sup>a</sup>	.001	-.009	.001	.12	NA

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\* Zero neighborhood-level variance; S = selected; O = omitted; WT = walking for transport; WR = walking for recreation; Individ. = individual; Neigh. = neighborhood; ILF = individual level factor; NLF = neighborhood level factor; ICC = intraclass correlation; dR2 = difference in  $R^2$  when item included in corresponding factor; <sup>a</sup>  $p < 0.05$ ; <sup>b</sup>  $p < 0.01$ ; <sup>c</sup>  $p < 0.001$ .