Segment Item Reliability Table (n=592)

Segments: Positive Items and Subscales - Setback

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Item | Item Content | Range | N | Inter-Rater Agreement | Rater | Mean | (SD) | Frequencies |
| Kappa/ICC | % agreement |
| S1\_26 | What is the smallest building setback from the sidewalk? | 1-6 | 592 | .678 | 65.0 | Rater 1 | 3.08 | .882 | No building:11<10ft: 13310-20ft: 28221-50ft: 13451-100ft: 27>100ft: 5 |
| Rater 2 | 3.13 | .917 | No building:15<10ft: 12310-20ft: 26421-50ft: 15751-100ft: 26>100ft: 7 |
| S1\_27 | What is the largest building setback from the sidewalk/walkway? | 1-6 | 592 | .522 | 50.7 | Rater 1 | 4.30 | 1.24 | No building:11<10ft: 2210-20ft: 11721-50ft: 20851-100ft: 95>100ft: 139 |
| Rater 2 | 4.40 | 1.23 | No building:15<10ft: 1410-20ft: 9821-50ft: 20351-100ft: 117>100ft: 145 |
| S1\_26\_27\_0 | Setback recode:Setbacks for 26 or 27 >50 ft. Or no blg. | 0-1 | 592 | .648 | 95.1 | Rater 1 | .072 | .257 | 0: 5501: 42 |
| Rater 2 | .079 | .271 | 0: 5450:47 |
| S1\_26\_27\_1 | Setback recode: Setbacks for 26 or 27 all other | 0-1 | 592 | .289 | 70.9 | Rater 1 | .696 | .460 | 0: 1801:412 |
| Rater 2 | .733 | .443 | 0: 1581:434 |
| S1\_26\_27\_2 | Setback recode: Both setbacks 10-20 ft. Or one setback <10 ft/one setback 10-20 ft. | 0-1 | 592 | .231 | 77.1 | Rater 1 | .199 | .400 | 0: 4741:118 |
| Rater 2 | .166 | .372 | 0: 4941:98 |
| S1\_26\_27\_3 | Setbacks: Both setbacks <10 ft. | 0-1 | 592 | .159 | 95.4 | Rater 1 | .034 | .181 | 0: 5721:20 |
| Rater 2 | .022 | .147 | 0: 5791:13 |
| Item | Item Content | Range | N | Inter-Rater Agreement | Rater | Mean | (SD) | Frequencies |
| Kappa/ICC | % agreement |
| S1\_26\_27\_points | Smallest and largest setbacks combined, scoresS1\_26\_27\_0, 1 = 0S1\_26\_27\_1, 1 = 1S1\_26\_27\_2, 1 = 2S1\_26\_27\_3, 1 = 3 | 0-3 | 592 | .315 | 58.3 | Rater 1 | .943 | 1.11 | 0 pts: 2771 pt: 1772pts: 333pts: 105 |
| Rater 2 | .807 | 1.01 | 0 pts: 2981 pt: 1832pts: 383pts: 73 |
| S1\_28 | What is the average height of buildings? (*Count both sides of the street)* | 1-5 | 592 | .764 | 96.2 | Rater 1 | 2.06 | .28 | No building:61-2: 5423-5: 446-10: 0>10: 0 |
| Rater 2 | 2.05 | .29 | No building:101-2: 5443-5: 376-10: 1>10: 0 |
| S1\_28\_trichot | What is the average height of buildings?Trichotomized | 0-2:0: 0-2 stories1: 3-5 stories2: 6-10 stories3:10+stories | 592 | .811 | 97.5 | Rater 1 | .074 | .26 | 0 pts: 5481 pt: 442pts: 03pts: 0 |
| Rater 2 | .066 | .25 | 0 pts: 5541 pt: 372pts: 13pts: 0 |

Segments: Positive Items and Subscales - Sidewalk

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Item | Item Content | Range | N | Inter-Rater Agreement | Rater | Mean | (SD) | Frequencies |
| Kappa/ICC | % agreement |
| S1\_1 | Is a sidewalk present? | 0-1 | 592 | 1.00 | 100 | Rater 1 | .87 | .33 | 0: 761: 516 |
| Rater 2 | .87 | .33 | 0: 761: 516 |
| S1\_2\_recode | What is the width of the majority of the sidewalk? | 1-3 (-777 removed) | 516 | .558 | 81.8 | Rater 1 | 2.21 | .45 | <3 ft: 93-5 ft: 390>5 ft: 11776 no sidewalk |
| Rater 2 | 2.18 | .46 | <3 ft: 163-5 ft: 390>5 ft: 11076 no sidewalk |
| S1\_12a | If no sidewalk...Unpaved pathway (goat path) | 1 or 0 (-777 removed) | 72 | .533 | 90.2 | Rater 1 | n/a | n/a | 0: 641:8 |
| Rater 2 | n/a | n/a | 0: 631:8 |
| S1\_12b | If no sidewalk...Street shoulder | 1 or 0 (-777 removed) | 72 | .833 | 91.7 | Rater 1 | n/a | n/a | 0: 371:35 |
| Rater 2 | n/a | n/a | 0: 391:33 |
| S1\_12c | If no sidewalk...Buffer | 1 or 0 (-777 removed) | 72 | .489 | 97.2 | Rater 1 | n/a | n/a | 0: 691:3 |
| Rater 2 | n/a | n/a | 0: 711:1 |
| S1\_12\_sum | Combination of 12a; 12b; 12c | 0 or 1 (-777 removed) | 72 | .657 | 83.3 | Rater 1 | n/a | n/a | 0: 291:43 |
| Rater 2 | n/a | n/a | 0: 311:41 |
| S1\_1\_12 | Sidewalk presence Recode | 0-20=nothing,1=alternative, 2=sidewalk | 592 | .663 | 92.7 | Rater 1 | 1.49 | .31 | 0: 311: 452: 516 |
| Rater 2 | 1.51 | .34 | 0: 321: 432: 517 |

Segments: Positive Items and Subscales - Buffers

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Item | Item Content | Range | N | Inter-Rater Agreement | Rater | Mean | (SD) | Frequencies |
| Kappa/ICC | % agreement |
| S1\_3 | Is there a buffer present? | 0-1 (-777s removed) | 516 | .910 | 95.6 | Rater 1 | .46 | .50 | 0: 2791: 237 |
| Rater 2 | .46 | .50 | 0: 2721: 244 |
| S1\_3\_recode | Is there a buffer present? Includes -777s =0 | 0-1 | 592 | .919 | 96.1 | Rater 1 | .40 | .49 | 0: 3551: 237 |
| Rater 2 | .41 | .49 | 0: 3481: 244 |
| S1\_3b | How wide is the majority of the buffer? | 1-3 (-777s removed) | 229 | .851 | 96.5 | Rater 1 | 2.13 | .69 | <3 ft: 413-5 ft: 118>5 ft: 70363 missing: no sidewalk or no buffer |
| Rater 2 | 2.17 | .66 | <3 ft: 343-5 ft: 123>5 ft: 72363 missing: no sidewalk or no buffer 8 |
| S1\_3b\_dichot | How wide is the majority of the buffer? Dichotomized | 0-1-777 and 0-3 ft=0, 3-5+=1 | 592 | .894 | 95.3 | Rater 1 | .33 | .47 | 0: 3991:193 |
| Rater 2 | .35 | .48 | 0: 3871:205 |

Segments: Positive Items and Subscales – Bike Infrastructure

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Item | Item Content | Range | N | Inter-Rater Agreement | Rater | Mean | (SD) | Frequencies |
| Kappa/ICC | % agreement |
| S1\_14 | Is there a marked bicycle lane marked with a line or a raised curb? | 0-1 | 592 | .790 | 97.3 | Rater 1 | .07 | .26 | 0: 5491: 43 |
| Rater 2 | .07 | .25 | 0: 5531: 39 |
| S1\_14\_recode | Is there a marked bicycle lane marked with a line or a raised curb?Recode | 0-2 | 592 | .790 | 97.3 | Rater 1 | .07 | .26 | 0: 5492: 43 |
| Rater 2 | .07 | .25 | 0: 5532: 39 |
| S1\_15 | Are there any signs indicating bicycle use (share the road, etc.)? | 0-1 | 601 | .676 | 97.1 | Rater 1 | .04 | .21 | 0: 5661: 26 |
| Rater 2 | 2.17 | .66 | 0: 5632: 29 |

Segments: Positive Items and Subscales – Building Aesthetics and Design

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Item | Item Content | Range | N | Inter-Rater Agreement | Rater | Mean | (SD) | Frequencies |
| Kappa/ICC | % agreement |
| S1\_19 | Estimate the proportion of street segment that has ground floor or street-level windows within 40 feet of sidewalk/walkway  | 1-4 (-777s removed) | 443 | .571 | 56.4 | Rater 1 | 2.83 | 1.19 | 1-25%: 11526-50%: 5851-75%: 11176-100%: 193No windows: 115 |
| Rater 2 | 2.83 | 1.22 | 1-25%: 12626-50%: 7051-75%: 8876-100%: 200No windows: 108 |
| S1\_19\_trichot | Proportion of street segment w/windows within 40 feet of sidewalk/walkway Trichotomized | 0-2No wind-25%=026-75%=1>76%=2 | 592 | .629 | 65.8 | Rater 1 | .938 | .844 | 0: 2301: 1692: 193 |
| Rater 2 | .943 | .856 | 0: 2341: 1582: 200 |
| S1\_20 | How many different predominant building façade colors exist on the street segment?  | 1-4 (-777s removed) | 584 | .594 | 63.7 | Rater 1 | 2.18 | .716 | 1: 972-3: 2934-6: 185>6: 9 |
| Rater 2 | 2.17 | .695 | 1: 882-3: 3224-6: 162>6: 12 |
| S1\_20\_trichot |  How many different predominant building façade colors exist? Trichotomized | 0-2no building or 1 color=02-3 colors=1>4 colors=2 | 592 | .593 | 65.1 | Rater 1 | 1.16 | .693 | 0: 1031:2942: 195 |
| Rater 2 | 1.14 | .660 | 0: 941:3232: 175 |
| S1\_21 | How many different building accent colors exist on the street segment? | 1-4 (-777s removed) | 585 | .552 | 60.9 | Rater 1 | 2.14 | .725 | 1: 1032-3: 3154-6: 151>6: 16 |
| Rater 2 | 2.16 | .686 | 1: 862-3: 3354-6: 151>6: 13 |
| S1\_21\_trichot | How many different building accent colors? Trichotomized | 0-2no building or 1 color=02-3 colors=1>4 colors=2 | 592 | .549 | 63.5 | Rater 1 | 1.10 | .676 | 0: 1091: 3162: 167 |
| Rater 2 | 1.12 | .647 | 0: 921: 3362: 164 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Item | Item Content | Range | N | Inter-Rater Agreement | Rater | Mean | (SD) | Frequencies |
| Kappa/ICC | % agreement |
| S1\_22 | How many different predominant building materials (e.g., brick, concrete, steel, wood) exist along the street segment? | 1-4 (-777s removed) | 585 | .577 | 77.7 | Rater 1 | 1.62 | .526 | 1: 2332-3: 3404-6: 12>6: 0 |
| Rater 2 | 1.64 | .499 | 1: 2182-3: 3624-6: 5>6: 0 |
| S1\_22\_dichot | How many different predominant building materials ?Dichotomized | 0-11 material=0>1=1 | 592 | .586 | 80.2 | Rater 1 | .595 | .491 | 0: 2401: 352 |
| Rater 2 | .620 | .486 | 0: 2251: 367 |

Segments: Positive Items and Subscales – Trees

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Item | Item Content | Range | N | Inter-Rater Agreement | Rater | Mean | (SD) | Frequencies |
| Kappa/ICC | % agreement |
| S1\_23 | How many trees exist within 5 feet of either side of the sidewalk/pathway (in buffer or setback; also trees >5 feet away if they provide shade for the sidewalk/pathway) | 1-5 (-777s removed) | 553 | .817 | 64.7 | Rater 1 | 2.63 | 1.24 | 0 or 1: 1072-5: 1876-10: 12211-20: 8021+: 57 |
| Rater 2 | 2.59 | 1.19 | 0 or 1: 1022-5:1976-10:12711-20:7921+:48 |
| S1\_23\_trichot | How many trees exist within 5 feet of either side of the sidewalk/pathway? Trichotomized | 0-2-777 and 0-1 trees = 02-10 trees = 1>11 trees = 2 | 592 | .738 | 78.9 | Rater 1 | .995 | .687 | 0: 1411: 3132: 138 |
| Rater 2 | .993 | .671 | 0: 1351: 3262: 138 |
| S1\_24 | How are the trees generally spaced? | 1-2 (-777s removed) | 419 | .464 | 73.5 | Rater 1 | 1.45 | .498 | Evenly: 229Irregularly: 190 |
| Rater 2 | 1.44 | .497 | Evenly: 236Irregularly: 183 |
| S1\_24\_recode | How are the trees generally spaced?Recode | 0-1evenly=1, irregularly and -777=0 | 592 | .530 | 77.2 | Rater 1 | .404 | .491 | 0: 5351: 239 |
| Rater 2 | .422 | .494 | 0: 3421: 250 |
| S1\_25 | What percentage of the length of the sidewalk/walkway is covered by trees, awnings or other overhead coverage? | 1-5 (-777s removed) | 419 | .546 | 55.4 | Rater 1 | 2.18 | 1.20 | 1-25%: 17225-50%: 9451-75%:6676-100%:81No coverage:6 |
| Rater 2 | 2.05 | 1.17 | 1-25%: 19125-50%: 9351-75%: 6276-100%: 68No coverage:5 |
| S1\_25\_trichot | What percentage of sidewalk/walkway is covered by trees/other overhead coverage? | 0-2-777 and no coverage–25% = 0; 26%-75% = 1; >75% = 2 | 592 | .617 | 70.0 | Rater 1 | .566 | .726 | 0: 3401: 1692: 83 |
| Rater 2 | .529 | .705 | 0: 3521: 1672: 73 |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S1\_17 | Is there an informal path (shortcut), not on a cul-de-sac which connects to something else? | 0-1 | 592 | .544 | 91.6 | Rater 1 | .09 | .29 | 0: 5381: 54 |
| Rater 2 | .11 | .32 | 0: 5241: 68 |

Segments: Negative Items and Subscales – Sidewalk

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Item | Item Content | Range | N | Inter-Rater Agreement | Rater | Mean | (SD) | Frequencies |
| Kappa/ICC | % agreement |
| S1\_4 | Is the sidewalk *continuous* within the segment? | * 1. (-777s removed)
 | 516 | .796 | 93.6 | Rater 1 | .90 | .30 | 0: 531: 463No sidewalk:76 |
| Rater 2 | .89 | .31 | 0: 561: 460No sidewalk:76 |
| S1\_4\_recode | Is the sidewalk *continuous* within the segment?Recoded | * 1. (-777s removed)

No=1, yes=0 | 516 | .796 | 93.6 | Rater 1 | .90 | .30 | 0: 4631: 53No sidewalk:76 |
| Rater 2 | .89 | .31 | 0: 4601: 56No sidewalk:76 |
| S1\_5a | Are there poorly maintained sections of the sidewalk that constitute trip hazards?(*e.g, heaves, misalignment, cracks, overgrowth)* Minor- moderate | 1-4 (-777s removed) | 516 | .671 | 84.4 | Rater 1 | 1.94 | 1.07 | 267: none55: one150: a few44: a lot76 no sidewalk |
| Rater 2 | 1.93 | 1.06 | 266: none64: one143: a few43: a lot76 no sidewalk |
| S1\_5a\_dichot | Are there poorly maintained sections of the sidewalk that constitute trip hazards? Minor- moderateDichotomized | 0-1a few or more=1, no sidewalk or none or 1=0 | 592 | .644 | 84.4 | Rater 1 | .328 | .470 | 0: 3981: 194No sidewalk (0):76 |
| Rater 2 | .314 | .465 | 0: 4061: 186No sidewalk (0):76 |
| S1\_5b | Are there poorly maintained sections of the sidewalk that constitute trip hazards? Major | 1-4 (-777s removed) | 516 | .531 | 82.1 | Rater 1 | 1.25 | .605 | 429: none48: one34: a few4: a lot76 no sidewalk (coded none) |
| Rater 2 | 1.27 | .636 | 423: none49: one38: a few5: a lot76 no sidewalk (coded none) |
| Item | Item Content | Range | N | Inter-Rater Agreement | Rater | Mean | (SD) | Frequencies |
| Kappa/ICC | % agreement |
| S1\_5b\_dichot | Are there poorly maintained sections of the sidewalk that constitute trip hazards? MajorDichotomized | 0-1no sidewalk or none=0, one or more=1 | 592 | .721 | 88.9 | Rater 1 | .145 | .353 | 0: 4331: 87No SW (0):76 |
| Rater 2 | .155 | .363 | 0: 4311: 92No SW (0):76 |
| S1\_8 | Are there permanent obstructions in the sidewalk? | 1-3 (-777s removed) | 516 | .476 | 88.6 | Rater 1 | 1.16 | .376 | none: 436some: 78many: 276 no sidewalk |
| Rater 2 | 1.11 | .330 | none: 463some: 50many: 376 no sidewalk |
| S1\_8\_dichot | Are there permanent obstructions in the sidewalk? Dichotomized  | 0-1some or many=1none or no sidewalk=0 | 592 | .503 | 90.1 | Rater 1 | .135 | .342 | 0: 5121: 80No SW (0):76 |
| Rater 2 | .090 | .286 | 0: 5391: 53No SW (0):76 |
| S1\_9 | Are there temporary obstructions in the sidewalk? | 1-3 (-777s removed) | 516 | .529 | 78.7 | Rater 1 | 1.31 | .508 | none: 366some: 139many: 1176 no sidewalk |
| Rater 2 | 1.29 | .468 | none: 375some: 145many: 376 no sidewalk |
| S1\_9\_dichot | Are the temporary obstructions in the sidewalk? Dichotomized | 0-1some or many=1none or no sidewalk=0 | 592 | .561 | 83.5 | Rater 1 | .253 | .435 | 0: 4421: 150No SW (0):76 |
| Rater 2 | .250 | .433 | 0: 4441: 148No SW (0):76 |
| Sidewalk\_Neg\_Quals | Negative Sidewalk Subscale:4recode+5a,bdichot+8dichot+9dichot | 0-4 | 592 | .715 | 61.5 | Rater 1 | .951 | 1.02 | 0: 2581: 1662: 1123: 514: 5 |
| Rater 2 | .904 | 1.04 | 0: 2861: 1372: 1123: 544: 3 |

Segments: Negative Items and Subscales – Sidewalk Steepness for Kids and Seniors

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Item | Item Content | Range | N | Inter-Rater Agreement | Rater | Mean | (SD) | Frequencies |
| Kappa/ICC | % agreement |
| S1\_6a | How steep is the sidewalk at the steepest point? | 0-27.8 (-777s removed) | 516 | .818 | n/a | Rater 1 | 3.23 | 3.01 | Continuous response scaleNo sidewalk: 76 |
| Rater 2 | 3.19 | 3.90 | No sidewalk: 76 |
| S1\_6a\_dichot\_S | How steep is the sidewalk at the steepest point? For SeniorsDichotomized | 0-1 (-777s removed) | 516 | .696 | 91.9 | Rater 1 | .11 | .31 | 0: 4611: 55No sidewalk: 76 |
| Rater 2 | .09 | .29 | 0: 4691: 47No sidewalk: 76 |
| S1\_6a\_dichot\_C | How steep is the sidewalk at the steepest point? For ChildrenDichotomized | 0-1 (-777s removed) | 516 | .670 | 94.6 | Rater 1 | .11 | .31 | 0: 4611: 55No sidewalk: 76 |
| Rater 2 | .09 | .29 | 0: 4691: 47No sidewalk: 76 |
| S1\_6c | If answer to 6(b) is “Little,” provide a steepness measure that represents the majority of the segment | # or -777 | 28 | .798 | n/a | Rater 1 | 1.47 | 1.10 | Continuous response scale76 no sidewalk |
| Rater 2 | 1.64 | 1.09 | 76 no sidewalk |
| S1\_6c\_recode\_S | If answer to 6(b) is “Little,” steepness measure-majority of the segmentRecode for Seniors | 0-3 (-777s removed) | 516 | .746 | 78.9 | Rater 1 | .434 | .759 | 0: 3561: 1172: 223: 2176 no sidewalk |
| Rater 2 | .386 | .716 | 0: 3701: 1112: 173: 1876 no sidewalk |
| S1\_6c\_recode\_C | If answer to 6(b) is “Little,” steepness measure-majority of the segment: For children | 0-2 (-777s removed) | 516 | .775 | 94.4 | Rater 1 | .124 | .436 | 0: 4731: 222: 2176 no sidewalk |
| Rater 2 | .103 | .403 | 0: 4811: 172: 1876 no sidewalk |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Item | Item Content | Range | N | Inter-Rater Agreement | Rater | Mean | (SD) | Frequencies |
| Kappa/ICC | % agreement |
| S1\_7 | What is the steepest unavoidable cross-slope that affects walkers? | 0-19.2 (-777s removed).  | 516 | .579 | n/a | Rater 1 | 3.17 | 2.65 | Continuous response scale76 no sidewalk |
| Rater 2 | 2.95 | 2.34 | 76 no sidewalk |
| S1\_7\_recode\_S | What is the steepest unavoidable cross-slope that affects walkers? Recode for Seniors | 0-3 (-777s removed) | 516 | .502 | 50.6 | Rater 1 | 1.64 | 1.17 | 0: 1141: 1392: 843: 17976 no sidewalk |
| Rater 2 | 1.59 | 1.18 | 0: 1201: 1462: 753: 17576 no sidewalk |
| S1\_7\_recode\_C | What is the steepest unavoidable cross-slope that affects walkers? Recode for Children | 0-2 (-777s removed) | 516 | .503 | 64.9 | Rater 1 | .857 | .905 | 0: 2531: 842: 17976 no sidewalk |
| Rater 2 | .824 | .908 | 0: 2661: 752: 17576 no sidewalk |
| S1\_6a\_S | How steep is the sidewalk at the steepest point in the segment? For Seniors | 0-7S1\_6a\_dichot\_S + S1\_6c\_recode\_S + S1\_7\_recode\_S | 516 | .633 | 42.4 | Rater 1 | 2.18 | 1.34 | 0: 891: 1122: 933: 1304: 605: 96: 117: 12No sidewalk: 76 |
| Rater 2 | 2.07 | 1.63 | 0: 991: 1292: 713: 1324: 565: 76: 137: 9No sidewalk: 76 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Item | Item Content | Range | N | Inter-Rater Agreement | Rater | Mean | (SD) | Frequencies |
| Kappa/ICC | % agreement |
| S1\_6a\_C | How steep is the sidewalk at the steepest point in the segment? For Children | 0-5S1\_6a\_dichot\_C + S1\_6c\_recode\_C + S1\_7\_recode\_C | 516 | .596 | 60.1 | Rater 1 | 1.09 | 1.20 | 0: 2301: 862: 1603: 174: 115: 12No sidewalk: 76 |
| Rater 2 | 1.02 | 1.19 | 0: 2531: 702: 1553: 164: 135: 9No sidewalk: 76 |
| Sidewalk\_Neg\_Slope\_S | Seniors: Negative Slope Subscale | 0-7 | 592 | .698 | 49.8 | Rater 1 | 1.90 | 1.69 | 0/no SW: 1651: 1122: 933: 1304: 605: 96: 117: 12 |
| Rater 2 | 1.80 | 1.67 | 0/no SW: 1751: 1292: 713: 1324: 565: 76: 137: 9 |
| Sidewalk\_Neg\_Slope\_C | Children: Negative Slope Subscale | 0-5 | 592 | .633 | 65.2 | Rater 1 | .948 | 1.18 | 0/no SW: 3061: 862: 1603: 174: 115: 12 |
| Rater 2 | .887 | 1.16 | 0/no SW: 3291: 702: 1553: 164: 135: 9 |

Segments: Negative Items and Subscales – Building Height: Road Width + Setback Ratio

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Item | Item Content | Range | N | Inter-Rater Agreement | Rater | Mean | (SD) | Frequencies |
| Kappa/ICC | % agreement |
| S1\_28 | Average building height | 1-5 | 592 | .748 | 96.2 | Rater 1 | 2.06 | .28 | 1 (no building): 62: 5423: 444: 05: 0 |
| Rater 2 | 2.05 | .29 | 1 (no building): 102: 5443: 374: 15: 0 |
| S1\_28\_feet | Average building height in feet (using midpoint of ranges). Top of ratio. | 0, 18, 48, 96 | 592 | .782 | 96.2 | Rater 1 | 20.05 | 8.13 | 0: 618: 54248: 44 |
| Rater 2 | 19.70 | 8.32 | 0: 1018: 54448: 3796: 1 |
| S1\_10 | Traffic lanes | 1-7 | 592 | .808 | 77.9 | Rater 1 | 3.62 | 1.05 | 1: 12: 1083: 1044: 3185: 366: 147: 11 |
| Rater 2 | 3.62 | 1.10 | 1: 32: 1203: 844: 3175: 396: 187: 11 |
| S1\_10\_feet | Traffic lanes in feet | 12, 24, 36, 48, 60, 72, 84 | 592 | .808 | 77.9 | Rater 1 | 43.42 | 12.58 | 12: 124: 10836: 10448: 31860:3672: 1484: 11 |
| Rater 2 | 43.44 | 13.02 | 12: 324: 12036: 8448: 31760:3972: 1884: 11 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Item | Item Content | Range | N | Inter-Rater Agreement | Rater | Mean | (SD) | Frequencies |
| Kappa/ICC | % agreement |
| S1\_26 | Smallest setback | 1-6 | 592 | .678 | 65.0 | Rater 1 | 3.08 | .88 | 1 (no building): 112: 1333: 2824: 1345: 276: 5 |
| Rater 2 | 3.13 | .92 | 1 (no building): 152: 123 3: 2644: 1575: 266: 7 |
| S1\_26\_feetmid | Smallest setback, using midpoint of range | 0, 5, 15, 35, 75, 100 | 592 | .689 | 65.0 | Rater 1 | 20.46 | 17.7 | 0: 115: 13315: 28235: 13475: 27100: 5 |
| Rater 2 | 21.49 | 18.29 | 0: 155: 12315: 26435: 15775: 26100: 7 |
| S1\_27 | Largest setback | 1-6 | 592 | .522 | 50.7 | Rater 1 | 4.30 | 1.23 | 1 (no building): 112: 223: 1174: 2085: 956: 139 |
| Rater 2 | 4.40 | 1.23 | 1 (no building):152: 143: 984: 2035: 1176: 145 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Item | Item Content | Range | N | Inter-Rater Agreement | Rater | Mean | (SD) | Frequencies |
| Kappa/ICC | % agreement |
| S1\_26\_feetmid | Smallest setback, using midpoint of range | 0, 5, 15, 35, 75, 100 | 592 | .525 | 50.7 | Rater 1 | 50.96 | 33.63 | 0: 115: 2215: 11735: 20875: 95100: 139 |
| Rater 2 | 53.92 | 33.37 | 0: 155: 1415: 9835: 20675: 117100: 145 |
| S1\_26\_27\_feetmid\_avg | Average of the midpoints of smallest and largest setbacks | 0-100 | 592 | .599 | 36.4 | Rater 1 | 35.71 | 21.52 | Continuous response scale |
| Rater 2 | 37.70 | 21.63 |  |
| RdWdth\_plus\_Setbk\_avg | Road width (feet) + setback averages. Bottom of ratio. | 22-171.5 (r1)22-160 (r2) | 592 | .622 | n/a | Rater 1 | n/a | n/a | Continuous response scale |
| Rater 2 | n/a | n/a |  |
| BldgHt\_RdWdthSetbk\_Ratio | Building Height: Road Width+Setback Avgs. Ratio | 0-1.66 (r1)0-1.41 (r2) | 592 | .615 | n/a | Rater 1 | 2.78 | .171 | Continuous response scale |
| Rater 2 | 2.63 | .145 |  |
| BldgHt\_RdWdthSetbk\_Ratio\_Scores | Building Height: Road Width+Setback Avgs. Ratio Scores | 0-3<.50=0, .50-.999=1, 1-1.999=2, >2=3 | 592 | .583 | 96.1 | Rater 1 | .096 | .434 | 0: 5551: 273: 10 |
| Rater 2 | .064 | .301 | 0: 5601: 293: 3 |

Segments: Negative Items and Subscales – Building Height: Road Width + Setback Ratio

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Item | Item Content | Range | N | Inter-Rater Agreement | Rater | Mean | (SD) | Frequencies |
| Kappa/ICC | % agreement |
| S1\_10\_dichot | How many traffic lanes are present. Dichot: 1-4 lanes=1, >=5 = 2 | 1-2 | 592 | .696 | 94.0 | Rater 1 | 1.10 | .304 | 1: 5312: 61 |
| Rater 2 | 1.11 | .319 | 1: 5242: 68 |
| S1\_11 | Is the street predominantly one-way or two-way? | 1-2 | 592 | .711 | 99.3 | Rater 1 | 1.99 | .16 | 1-way: 82-way: 584 |
| Rater 2 | 1.99 | .10 | 1-way: 62-way: 586 |
| S1\_11\_dichot | Is the street predominantly one-way or two-way?Recoded | 0-1one-way=1, two-way=0 | 592 | .711 | 99.3 | Rater 1 | n/a | n/a | 0: 5841: 8 |
| Rater 2 | n/a | n/a | 0: 5861: 6 |
| Neg\_Street\_Des | Negatives of street design: St. Width and 1-ways | 1-2 | 592 | .706 | 93.8 | Rater 1 | 1.12 | .321 | 1: 5232: 69 |
| Rater 2 | 1.13 | .331 | 1: 5182: 74 |

Segments: Overall Subscales

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Item | Item Content | Range | N | Inter-Rater Agreement | Rater | Mean | (SD) | Frequencies |
| Kappa/ICC | % agreement |
| Segments\_Pos | Sum of positive segment subscalesPosBldgHtSetbks+Sidewalk\_Pos\_Quals+Buffers\_Pos+Bike\_Infra+BldAesthDes+Trees+S1\_17 | 1-20 (r1)0-19 (r2) | 580 (r1), 573 (r2) | .768 | 24.8 | Rater 1 | 10.11 | 3.49 | See tables below |
| Rater 2 | 10.07 | 3.31 | See tables below |
| Segments\_Neg\_Senior | Sum of negative segment subscales for seniors Sidewalk\_Neg\_Quals+Sidewalk\_Neg\_Slope\_S+BldgHt\_RdWdthSetbk\_Ratio\_Scores | 1-13 | 512 (r1), 513 (r2) | .675 | 30.9 | Rater 1 | 4.51 | 2.07 | See tables below |
| Rater 2 | 4.31 | 2.07 | See tables below |
| Segments\_Neg\_Child | Sum of negative segment subscales for seniors Sidewalk\_Neg\_Quals+Sidewalk\_Neg\_Slope\_C+BldgHt\_RdWdthSetbk\_Ratio\_Scores | 1-11 | 512 (r1), 513 (r2) | .675 | 40.4 | Rater 1 | 3.42 | 1.73 | See tables below |
| Rater 2 | 3.26 | 1.71 | See tables below |
| Overall\_Segments\_Senior | Positive segment score-negative segment score (seniors) | -2-16 | 508 (r1), 502 (r2) | .741 | 24.4 | Rater 1 | 7.25 | 3.34 | See tables below |
| Rater 2 | 7.28 | 3.27 | See tables below |
| Overall\_Segments\_Child | Positive segment score-negative segment score (children) | -2-16 | 508 (r1), 502 (r2) | .741 | 21.0 | Rater 1 | 7.25 | 3.34 | See tables below |
| Rater 2 | 7.28 | 3.27 | See tables below |

| **Segments\_Pos** |
| --- |
|  | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1.00 | 2 | .3 | .3 | .3 |
| 2.00 | 3 | .5 | .5 | .9 |
| 3.00 | 11 | 1.9 | 1.9 | 2.8 |
| 4.00 | 17 | 2.9 | 2.9 | 5.7 |
| 5.00 | 24 | 4.1 | 4.1 | 9.8 |
| 6.00 | 36 | 6.1 | 6.2 | 16.0 |
| 7.00 | 38 | 6.4 | 6.6 | 22.6 |
| 8.00 | 56 | 9.5 | 9.7 | 32.2 |
| 9.00 | 70 | 11.8 | 12.1 | 44.3 |
| 10.00 | 62 | 10.5 | 10.7 | 55.0 |
| 11.00 | 60 | 10.1 | 10.3 | 65.3 |
| 12.00 | 60 | 10.1 | 10.3 | 75.7 |
| 13.00 | 44 | 7.4 | 7.6 | 83.3 |
| 14.00 | 38 | 6.4 | 6.6 | 89.8 |
| 15.00 | 16 | 2.7 | 2.8 | 92.6 |
| 16.00 | 23 | 3.9 | 4.0 | 96.6 |
| 17.00 | 13 | 2.2 | 2.2 | 98.8 |
| 18.00 | 5 | .8 | .9 | 99.7 |
| 19.00 | 1 | .2 | .2 | 99.8 |
| 20.00 | 1 | .2 | .2 | 100.0 |
| Total | 580 | 98.0 | 100.0 |  |
| Missing | System | 12 | 2.0 |  |  |
| Total | 592 | 100.0 |  |  |
| **r2\_Segments\_Pos** |
|  | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1.00 | 1 | .2 | .2 | .2 |
| 2.00 | 4 | .7 | .7 | .9 |
| 3.00 | 8 | 1.4 | 1.4 | 2.3 |
| 4.00 | 6 | 1.0 | 1.0 | 3.3 |
| 5.00 | 17 | 2.9 | 3.0 | 6.3 |
| 6.00 | 42 | 7.1 | 7.3 | 13.6 |
| 7.00 | 44 | 7.4 | 7.7 | 21.3 |
| 8.00 | 69 | 11.7 | 12.0 | 33.3 |
| 9.00 | 75 | 12.7 | 13.1 | 46.4 |
| 10.00 | 67 | 11.3 | 11.7 | 58.1 |
| 11.00 | 61 | 10.3 | 10.6 | 68.8 |
| 12.00 | 47 | 7.9 | 8.2 | 77.0 |
| 13.00 | 40 | 6.8 | 7.0 | 83.9 |
| 14.00 | 26 | 4.4 | 4.5 | 88.5 |
| 15.00 | 28 | 4.7 | 4.9 | 93.4 |
| 16.00 | 20 | 3.4 | 3.5 | 96.9 |
| 17.00 | 12 | 2.0 | 2.1 | 99.0 |
| 18.00 | 4 | .7 | .7 | 99.7 |
| 19.00 | 2 | .3 | .3 | 100.0 |
| Total | 573 | 96.8 | 100.0 |  |
| Missing | System | 19 | 3.2 |  |  |
| Total | 592 | 100.0 |  |  |
| **Segments\_Neg\_Child** |
|  | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1.00 | 73 | 12.3 | 14.3 | 14.3 |
| 2.00 | 94 | 15.9 | 18.4 | 32.6 |
| 3.00 | 108 | 18.2 | 21.1 | 53.7 |
| 4.00 | 121 | 20.4 | 23.6 | 77.3 |
| 5.00 | 60 | 10.1 | 11.7 | 89.1 |
| 6.00 | 29 | 4.9 | 5.7 | 94.7 |
| 7.00 | 14 | 2.4 | 2.7 | 97.5 |
| 8.00 | 10 | 1.7 | 2.0 | 99.4 |
| 9.00 | 2 | .3 | .4 | 99.8 |
| 11.00 | 1 | .2 | .2 | 100.0 |
| Total | 512 | 86.5 | 100.0 |  |
| Missing | System | 80 | 13.5 |  |  |
| Total | 592 | 100.0 |  |  |
| **r2\_Segments\_Neg\_Child** |
|  | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1.00 | 97 | 16.4 | 18.9 | 18.9 |
| 2.00 | 80 | 13.5 | 15.6 | 34.5 |
| 3.00 | 125 | 21.1 | 24.4 | 58.9 |
| 4.00 | 93 | 15.7 | 18.1 | 77.0 |
| 5.00 | 68 | 11.5 | 13.3 | 90.3 |
| 6.00 | 33 | 5.6 | 6.4 | 96.7 |
| 7.00 | 8 | 1.4 | 1.6 | 98.2 |
| 8.00 | 8 | 1.4 | 1.6 | 99.8 |
| 11.00 | 1 | .2 | .2 | 100.0 |
| Total | 513 | 86.7 | 100.0 |  |
| Missing | System | 79 | 13.3 |  |  |
| Total | 592 | 100.0 |  |  |
| **Segments\_Neg\_Senior** |
|  | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1.00 | 33 | 5.6 | 6.4 | 6.4 |
| 2.00 | 58 | 9.8 | 11.3 | 17.8 |
| 3.00 | 82 | 13.9 | 16.0 | 33.8 |
| 4.00 | 79 | 13.3 | 15.4 | 49.2 |
| 5.00 | 115 | 19.4 | 22.5 | 71.7 |
| 6.00 | 70 | 11.8 | 13.7 | 85.4 |
| 7.00 | 35 | 5.9 | 6.8 | 92.2 |
| 8.00 | 19 | 3.2 | 3.7 | 95.9 |
| 9.00 | 10 | 1.7 | 2.0 | 97.9 |
| 10.00 | 9 | 1.5 | 1.8 | 99.6 |
| 11.00 | 1 | .2 | .2 | 99.8 |
| 13.00 | 1 | .2 | .2 | 100.0 |
| Total | 512 | 86.5 | 100.0 |  |
| Missing | System | 80 | 13.5 |  |  |
| Total | 592 | 100.0 |  |  |
| **r2\_Segments\_Neg\_Senior** |
|  | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1.00 | 45 | 7.6 | 8.8 | 8.8 |
| 2.00 | 69 | 11.7 | 13.5 | 22.2 |
| 3.00 | 74 | 12.5 | 14.4 | 36.6 |
| 4.00 | 85 | 14.4 | 16.6 | 53.2 |
| 5.00 | 99 | 16.7 | 19.3 | 72.5 |
| 6.00 | 71 | 12.0 | 13.8 | 86.4 |
| 7.00 | 42 | 7.1 | 8.2 | 94.5 |
| 8.00 | 13 | 2.2 | 2.5 | 97.1 |
| 9.00 | 6 | 1.0 | 1.2 | 98.2 |
| 10.00 | 8 | 1.4 | 1.6 | 99.8 |
| 13.00 | 1 | .2 | .2 | 100.0 |
| Total | 513 | 86.7 | 100.0 |  |
| Missing | System | 79 | 13.3 |  |  |
| Total | 592 | 100.0 |  |  |
|  |  |  |  |  |
| **Overall\_Segment\_Senior** |
|  | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | -2.00 | 1 | .2 | .2 | .2 |
| -1.00 | 2 | .3 | .4 | .6 |
| .00 | 5 | .8 | 1.0 | 1.6 |
| 1.00 | 15 | 2.5 | 3.0 | 4.5 |
| 2.00 | 12 | 2.0 | 2.4 | 6.9 |
| 3.00 | 37 | 6.3 | 7.3 | 14.2 |
| 4.00 | 31 | 5.2 | 6.1 | 20.3 |
| 5.00 | 57 | 9.6 | 11.2 | 31.5 |
| 6.00 | 60 | 10.1 | 11.8 | 43.3 |
| 7.00 | 61 | 10.3 | 12.0 | 55.3 |
| 8.00 | 45 | 7.6 | 8.9 | 64.2 |
| 9.00 | 47 | 7.9 | 9.3 | 73.4 |
| 10.00 | 51 | 8.6 | 10.0 | 83.5 |
| 11.00 | 32 | 5.4 | 6.3 | 89.8 |
| 12.00 | 19 | 3.2 | 3.7 | 93.5 |
| 13.00 | 18 | 3.0 | 3.5 | 97.0 |
| 14.00 | 8 | 1.4 | 1.6 | 98.6 |
| 15.00 | 4 | .7 | .8 | 99.4 |
| 16.00 | 3 | .5 | .6 | 100.0 |
| Total | 508 | 85.8 | 100.0 |  |
| Missing | System | 84 | 14.2 |  |  |
| Total | 592 | 100.0 |  |  |
| **r2\_Overall\_Segment\_Senior** |
|  | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | -2.00 | 1 | .2 | .2 | .2 |
| .00 | 2 | .3 | .4 | .6 |
| 1.00 | 6 | 1.0 | 1.2 | 1.8 |
| 2.00 | 18 | 3.0 | 3.6 | 5.4 |
| 3.00 | 51 | 8.6 | 10.2 | 15.5 |
| 4.00 | 33 | 5.6 | 6.6 | 22.1 |
| 5.00 | 44 | 7.4 | 8.8 | 30.9 |
| 6.00 | 57 | 9.6 | 11.4 | 42.2 |
| 7.00 | 59 | 10.0 | 11.8 | 54.0 |
| 8.00 | 50 | 8.4 | 10.0 | 63.9 |
| 9.00 | 45 | 7.6 | 9.0 | 72.9 |
| 10.00 | 46 | 7.8 | 9.2 | 82.1 |
| 11.00 | 30 | 5.1 | 6.0 | 88.0 |
| 12.00 | 34 | 5.7 | 6.8 | 94.8 |
| 13.00 | 12 | 2.0 | 2.4 | 97.2 |
| 14.00 | 10 | 1.7 | 2.0 | 99.2 |
| 15.00 | 1 | .2 | .2 | 99.4 |
| 16.00 | 3 | .5 | .6 | 100.0 |
| Total | 502 | 84.8 | 100.0 |  |
| Missing | System | 90 | 15.2 |  |  |
| Total | 592 | 100.0 |  |  |

| **Overall\_Segment\_Child** |
| --- |
|  | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | -2.00 | 1 | .2 | .2 | 7.28 |
| -1.00 | 2 | .3 | .4 | .6 |
| .00 | 5 | .8 | 1.0 | 1.6 |
| 1.00 | 15 | 2.5 | 3.0 | 4.5 |
| 2.00 | 12 | 2.0 | 2.4 | 6.9 |
| 3.00 | 37 | 6.3 | 7.3 | 14.2 |
| 4.00 | 31 | 5.2 | 6.1 | 20.3 |
| 5.00 | 57 | 9.6 | 11.2 | 31.5 |
| 6.00 | 60 | 10.1 | 11.8 | 43.3 |
| 7.00 | 61 | 10.3 | 12.0 | 55.3 |
| 8.00 | 45 | 7.6 | 8.9 | 64.2 |
| 9.00 | 47 | 7.9 | 9.3 | 73.4 |
| 10.00 | 51 | 8.6 | 10.0 | 83.5 |
| 11.00 | 32 | 5.4 | 6.3 | 89.8 |
| 12.00 | 19 | 3.2 | 3.7 | 93.5 |
| 13.00 | 18 | 3.0 | 3.5 | 97.0 |
| 14.00 | 8 | 1.4 | 1.6 | 98.6 |
| 15.00 | 4 | .7 | .8 | 99.4 |
| 16.00 | 3 | .5 | .6 | 100.0 |
| Total | 508 | 85.8 | 100.0 |  |
| Missing | System | 84 | 14.2 |  |  |
| Total | 592 | 100.0 |  |  |
| **r2\_Overall\_Segment\_Child** |
|  | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | -2.00 | 1 | .2 | .2 | .2 |
| .00 | 2 | .3 | .4 | .6 |
| 1.00 | 6 | 1.0 | 1.2 | 1.8 |
| 2.00 | 18 | 3.0 | 3.6 | 5.4 |
| 3.00 | 51 | 8.6 | 10.2 | 15.5 |
| 4.00 | 33 | 5.6 | 6.6 | 22.1 |
| 5.00 | 44 | 7.4 | 8.8 | 30.9 |
| 6.00 | 57 | 9.6 | 11.4 | 42.2 |
| 7.00 | 59 | 10.0 | 11.8 | 54.0 |
| 8.00 | 50 | 8.4 | 10.0 | 63.9 |
| 9.00 | 45 | 7.6 | 9.0 | 72.9 |
| 10.00 | 46 | 7.8 | 9.2 | 82.1 |
| 11.00 | 30 | 5.1 | 6.0 | 88.0 |
| 12.00 | 34 | 5.7 | 6.8 | 94.8 |
| 13.00 | 12 | 2.0 | 2.4 | 97.2 |
| 14.00 | 10 | 1.7 | 2.0 | 99.2 |
| 15.00 | 1 | .2 | .2 | 99.4 |
| 16.00 | 3 | .5 | .6 | 100.0 |
| Total | 502 | 84.8 | 100.0 |  |
| Missing | System | 90 | 15.2 |  |  |
| Total | 592 | 100.0 |  |  |