Cul De Sac Item Reliability Table (Full Sample)

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| Item | Item Content | Range | N | Inter-Rater Agreement | Rater | Mean | (SD) | Frequencies |
| Kappa/ICC | % agreement |
| D1 | How close is cul-de-sac or dead-end to participant’s home? | 1-4 | 53 | .891 | 71.7 | Rater 1 | 2.17 | 1.16 | On cul-de-sac: 20Adjacent: 15<200 ft: 7>200 ft: 11 |
| Rater 2 | 2.11 | 1.12 | On cul-de-sac: 21Adjacent: 14<200 ft: 9>200 ft: 9 |
| D1\_ dichot | How close is cul-de-sac or dead-end to participant’s home?Dichotomized | 0-1 | 53 | .748 | 88.7 | Rater 1 | .6604 | .478 | On CdS or adjacent: 35Other: 18 |
| Rater 2 | .6604 | .478 | On CdS or adjacent: 35Other: 18 |
| D2 | How big is cul-de-sac at its largest diameter? | 1-4 | 53 | .468 | 68.0 | Rater 1 | 1.96 | .59 | <50 ft: 1051-100 ft: 35101–200 ft: 8>200 ft: 0 |
| Rater 2 | 1.85 | .60 | <50 ft: 1451-100 ft: 33101–200 ft: 6>200 ft: 0 |
| D2\_dichot | How big is cul-de-sac at its largest diameter?Dichotomized | 0-1 | 53 | .573 | 84.9 | Rater 1 | .8113 | .395 | <50 ft: 10Other: 43 |
| Rater 2 | .7358 | .445 | <50 ft: 14Other: 39 |
| D3a | What is incline/grade of cul-de-sac at its steepest point? | .3-18.3 | 53 | .681 | n/a | Rater 1 | 3.27 | 3.24 | Continuous response scale |
| Rater 2 | 3.72 | 2.86 |  |
| D3a\_dichot | What is incline/grade of cul-de-sac at its steepest point?Dichotomized | 0-1 | 53 | .291 | 86.8 | Rater 1 | .8868 | .320 | 0-6.88: 47>6.88: 6 |
| Rater 2 | .9057 | .295 | 0-6.88: 48>6.88: 5 |

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| Item | Item Content | Range | N | Inter-Rater Agreement | Rater | Mean | (SD) | Frequencies |
| Kappa/ICC | % agreement |
| D5 | For paved part, how smooth is pavement? | 1-4 | 53 | .817 | 83.0 | Rater 1 | 3.53 | .64 | Not: 1Somewhat: 1Mostly: 20Very: 31 |
| Rater 2 | 3.51 | .72 | Not: 2Somewhat: 1Mostly: 18Very: 32 |
| D5\_ dichot | For paved part, how smooth is pavement?Dichotomized | 0-1 | 53 | .726 | 86.8 | Rater 1 | .5849 | .498 | Very:31Other:22 |
| Rater 2 | .6038 | .494 | Very:32Other21 |
| D6a | What amenities exist at opening to or in cul-de-sac? Basketball hoops (number) | 0-1 | 53 | .948 | 98.1 | Rater 1 | .23 | .42 | 0 = 411 = 12 |
| Rater 2 | .25 | .43 | 0 = 401 = 13 |
| D6b | Skateboard features (number) | 0-1 | 53 | Not calculated only 0 for R2 | 98.1 | Rater 1 | .02 | .14 | 0 = 521 = 1 |
| Rater 2 | .00 | .00 | 0 = 531 = 0 |
| D6c | Streetlights (number) | 0-3 | 53 | .745 | 79.3 | Rater 1 | .51 | .64 | 0 = 291 = 222 = 13 = 1 |
| Rater 2 | .53 | .64 | 0 = 281 = 232 = 13 = 1 |
| D6d | Pedestrian or other safety signage | 0-1 | 53 | Not calculated, only 0 | 100 | Rater 1 | .00 | .00 | 0 = 531 = 0 |
| Rater 2 | .00 | .00 | 0 = 531 = 0 |
| D6e1 | Other | 0-1 | 53 | Not calculated only 0 for R2 | 98.1 | Rater 1 | .00 | .00 | 0 = 521 = 1 |
| Rater 2 | .00 | .00 | 0 = 531 = 0 |

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| Item | Item Content | Range | N | Inter-Rater Agreement | Rater | Mean | (SD) | Frequencies |
| Kappa/ICC | % agreement |
| D6\_ trichot | Total amenities: a + b + c + d + e: 0= 0, 1= 1, >1 = 2sum trichotomized | 0-2 | 53 | .794 | 81.1 | Rater 1 | .74 | .76 | 0 = 241 = 192 = 10 |
| Rater 2 | .75 | .78 | 0 = 241 = 182 = 11 |
| D7 | Can most of the cul-de-sac area be seen from participant’s home? | 0-1 | 53 | .809 | 90.5 | Rater 1 | .57 | .50 | 0=231=30 |
| Rater 2 | .55 | .50 | 0=241=29 |
| D8 | Can most of the cul-de-sac area be seen from other homes? | 0-1 | 53 | .647 | 96.3 | Rater 1 | .94 | .23 | 0 = 31 = 50 |
| Rater 2 | .94 | .23 | 0 = 31 = 50 |
| D3a | What is incline/grade of cul-de-sac at its steepest point? | 3-18.3 | 53 | .681 | n/a | Rater 1 | 3.27 | 3.24 | Continuous response |
| Rater 2 | 3.72 | 2.86 | scale |
| D3a\_dichot | What is incline/grade of cul-de-sac at its steepest point?Dichotomized | 0-1 | 53 | .291 | 86.8 | Rater 1 | .89 | .32 | 0-6.88: 47>6.88: 6 |
| Rater 2 | .91 | .29 | 0-6.88: 48>6.88: 5 |
| D11\_recode\*NOTE: Item recoded (0 = 1, 1 = 0) to calculate Overall Score | Is parking allowed in the area? | 0-1 | 53 | Not calculated only 0 for rater 1 | 86.8 | Rater 1 | .00 | .00 | 0 = 53\*1 = 0 |
| Rater 2 | .13 | .34 | 0 = 46\*1 = 7 |

Items excluded from subscale score:

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| Item | Item Content | Range | N | Inter-Rater Agreement | Rater | Mean | (SD) | Frequencies |
| Kappa/ICC | % agreement |
| D4 | What %age of cul-de-sac is paved? | 1-4 | 53 | .588 | 79.3 | Rater 1 | 3.83 | .51 | <25%: 125-50%: 051-75%: 6>75%: 46 |
| Rater 2 | 3.85 | .50 | <25%: 125-50%: 051-75%: 5>75%: 47 |
| D9 | Number of driveways that enter into the cul-de-sac | 0-6 | 53 | .911 | 77.4 | Rater 1 | 3.53 | 1.49 | 0 = 22 = 153 = 84 = 105 = 156 = 3 |
| Rater 2 | 3.58 | 1.50 | 0 = 21 = 12 = 93 = 164 = 75 = 136 = 5 |
| D10 | Is there an island in the cul-de-sac? | 0-1 | 53 | 1.00 | 100 | Rater 1 | .19 | .39 | 0 = 431 = 10 |
| Rater 2 | .19 | .39 | 0 = 431 = 10 |

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| Item | Item Content | Range | N | Inter-Rater Agreement | Rater | Mean | (SD) | Frequencies |
| Kappa/ICC | % agreement |
| D12a | Is there access through the end of the cul-de-sac to another public street or area? | 0-1 | 53 | .812 | 96.2 | Rater 1 | .11 | .32 | 0 = 471 = 6 |
| Rater 2 | .11 | .32 | 0 = 471 = 6 |
| D12b1 | If yes: what type of access?Formal path | 0 or 1 or -777 | 4/6 | \* | \* | Rater 1 | \* | \* | Smaller sample:0 = 0; 1 = 4Full sample:0 = 1; 1 = 5 |
| Rater 2 | \* | \* | Smaller sample:0 = 0; 1 = 4Full sample:0 = 1; 1 = 5 |
| D12b2 | If yes: what type of access?Informal path | 0 or 1 or -777 | 4/6 | \* | \* | Rater 1 | \* | \* | Smaller sample:0 = 4; 1 =0Full sample:0 = 5; 1 = 1 |
| Rater 2 | \* | \* | Smaller sample:0 = 4; 1 =0Full sample:0 = 5; 1 = 1 |
| D12b3 | If yes: what type of access?Informal, no path | 0 or 1 or -777 | 4/6 | \* | \* | Rater 1 | \* | \* | Smaller sample:0 = 4Full sample:0 = 6 |
| Rater 2 | \* | \* | Smaller sample:0 = 4Full sample:0 = 6 |
| \*12b: no reliability was calculated because of low numbers (only 6 cases) |

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| Item | Item Content | Range | N | Inter-Rater Agreement | Rater | Mean | (SD) | Frequencies |
| Kappa/ICC | % agreement |
| D12c1 | If yes: what is on the other side?Another street | 0 or 1 or -777 | 4/6 | \* | \* | Rater 1 | \* | \* | Smaller sample: 0 = 3; 1 = 1Full sample: 0 = 4; 1 = 2 |
| Rater 2 | \* | \* | Smaller sample: 0 = 3; 1 = 1Full sample: 0 = 4; 1 = 2 |
| D12c2 | If yes: what is on the other side?A recreation or play area | 0 or 1 or -777 | 4/6 | \* | \* | Rater 1 | \* | \* | Smaller sample: 0 = 2; 1 = 2Full sample: 0 = 3; 1 = 3 |
| Rater 2 | \* | \* | Smaller sample: 0 = 2; 1 = 2Full sample: 0 = 3; 1 = 3 |
| D12c3 | If yes: what is on the other side?Open space | 0 or 1 or -777 | 4/6 | \* | \* | Rater 1 | \* | \* | Smaller sample: 0 = 4; 1 = 0Full sample: 0 = 6; 1 = 0 |
| Rater 2 | \* | \* | Smaller sample: 0 = 4; 1 = 0Full sample: 0 = 5; 1 = 1 |
| D12c4 | If yes: what is on the other side?Commercial  | 0 or 1 or -777 | 4/6 | \* | \* | Rater 1 | \* | \* | Smaller sample: 0 = 4; 1 = 0Full sample: 0 = 6; 1 = 0 |
| Rater 2 | \* | \* | Smaller sample: 0 = 4; 1 = 0Full sample: 0 = 6; 1 = 0 |
| D12c5 | If yes: what is on the other side?Other | 0 or 1 or -777 | 4/6 | \* | \* | Rater 1 | \* | \* | Smaller sample: 0 = 2; 1 = 2Full sample: 0 = 4; 1 = 2 |
| Rater 2 | \* | \* | Smaller sample: 0 = 3; 1 = 1Full sample: 0 = 5; 1 = 1 |
| \*12c: no reliability was calculated because of low numbers (only 6 cases) |