|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **Overall**, N = 10,9011 | | **Destroyed**, N = 1,3021 | | **Survived**, N = 9,5991 | | **p-value**2 | |
| **Building area (m2)** | 213 (97, 333) | | 222 (120, 322) | | 212 (93, 335) | | 0.04 | |
| **On-grade deck/porch materials** |  | |  | |  | | 0.2 | |
| Composite | 7 (0.7%) | | 5 (0.6%) | | 2 (1.1%) | |  | |
| Masonry/Concrete | 379 (40%) | | 319 (41%) | | 60 (34%) | |  | |
| No Deck/Porch | 511 (54%) | | 413 (53%) | | 98 (56%) | |  | |
| Wood | 54 (5.7%) | | 40 (5.1%) | | 14 (8.0%) | |  | |
| Unknown | 9,950 | | 525 | | 9,425 | |  | |
| **Eaves** |  | |  | |  | | <0.001 | |
| Enclosed | 110 (23%) | | 51 (16%) | | 59 (34%) | |  | |
| No Eaves | 190 (39%) | | 149 (48%) | | 41 (24%) | |  | |
| Unenclosed | 184 (38%) | | 111 (36%) | | 73 (42%) | |  | |
| Unknown | 10,417 | | 991 | | 9,426 | |  | |
| **Exterior siding** |  | |  | |  | | 0.2 | |
| Combustible | 298 (27%) | | 257 (27%) | | 41 (23%) | |  | |
| Ignition Resistant | 822 (73%) | | 684 (73%) | | 138 (77%) | |  | |
| Unknown | 9,781 | | 361 | | 9,420 | |  | |
| **Fence materials** |  | |  | |  | | 0.003 | |
| Combustible | 79 (7.6%) | | 58 (6.7%) | | 21 (12%) | |  | |
| No Fence | 755 (73%) | | 644 (75%) | | 111 (63%) | |  | |
| Non Combustible | 202 (19%) | | 158 (18%) | | 44 (25%) | |  | |
| Unknown | 9,865 | | 442 | | 9,423 | |  | |
| **Carport/covered patio materials** |  | |  | |  | | 0.4 | |
| Combustible | 178 (19%) | | 147 (19%) | | 31 (18%) | |  | |
| No Patio Cover/Carport | 655 (69%) | | 540 (70%) | | 115 (67%) | |  | |
| Non Combustible | 113 (12%) | | 87 (11%) | | 26 (15%) | |  | |
| Unknown | 9,955 | | 528 | | 9,427 | |  | |
| **Roof materials** |  | |  | |  | | <0.001 | |
| Asphalt | 432 (40%) | | 369 (41%) | | 63 (36%) | |  | |
| Concrete | 34 (3.2%) | | 24 (2.7%) | | 10 (5.8%) | |  | |
| Metal | 218 (20%) | | 188 (21%) | | 30 (17%) | |  | |
| Other | 18 (1.7%) | | 10 (1.1%) | | 8 (4.6%) | |  | |
| Tile | 347 (33%) | | 285 (32%) | | 62 (36%) | |  | |
| Wood | 18 (1.7%) | | 18 (2.0%) | | 0 (0%) | |  | |
| Unknown | 9,834 | | 408 | | 9,426 | |  | |
| **Vent screen** |  | |  | |  | | 0.4 | |
| Mesh Screen <= 1/8" | 118 (28%) | | 76 (29%) | | 42 (27%) | |  | |
| Mesh Screen > 1/8" | 99 (24%) | | 66 (25%) | | 33 (21%) | |  | |
| No Vents | 179 (43%) | | 110 (42%) | | 69 (45%) | |  | |
| Unscreened | 21 (5.0%) | | 10 (3.8%) | | 11 (7.1%) | |  | |
| Unknown | 10,484 | | 1,040 | | 9,444 | |  | |
| **Window pane** |  | |  | |  | | <0.001 | |
| Multi Pane | 249 (44%) | | 143 (36%) | | 106 (62%) | |  | |
| No Windows | 75 (13%) | | 62 (16%) | | 13 (7.6%) | |  | |
| Single Pane | 245 (43%) | | 192 (48%) | | 53 (31%) | |  | |
| Unknown | 10,332 | | 905 | | 9,427 | |  | |
| **Year built** | 1981 (1970, 1991) | | 1976 (1964, 1986) | | 1983 (1971, 1991) | | <0.001 | |
| Unknown | 1,001 | | 111 | | 890 | |  | |
| **Dist. to shrub (m)** | 55 (22, 125) | | 40 (18, 91) | | 58 (23, 128) | | <0.001 | |
| **Dist. to tree (m)** | 0.23 (0.23, 0.23) | | 0.23 (0.23, 0.23) | | 0.23 (0.23, 0.23) | | <0.001 | |
| **Dist. nearest building (m)** | 5 (2, 12) | | 9 (3, 20) | | 5 (2, 11) | | <0.001 | |
| **Av height of trees overhanging building (m)** | 4.1 (0.0, 6.8) | | 4.8 (1.6, 7.4) | | 4.0 (0.0, 6.6) | | <0.001 | |
| Unknown | 46 | | 8 | | 38 | |  | |
| **Distance to propane tank (ft)** |  | |  | |  | | 0.025 | |
| 1. 0-10 | 60 (7.1%) | | 55 (7.5%) | | 5 (4.6%) | |  | |
| 2. 11-20 | 59 (7.0%) | | 56 (7.6%) | | 3 (2.8%) | |  | |
| 3. 21-30 | 51 (6.0%) | | 42 (5.7%) | | 9 (8.3%) | |  | |
| 4.>30 | 113 (13%) | | 105 (14%) | | 8 (7.4%) | |  | |
| None | 560 (66%) | | 477 (65%) | | 83 (77%) | |  | |
| Unknown | 10,058 | | 567 | | 9,491 | |  | |
| **Defensible space-vegetation clearance (ft)** |  | |  | |  | | 0.011 | |
| 1. 0-30 | 1,014 (89%) | | 888 (90%) | | 126 (83%) | |  | |
| 2. 30-100 | 103 (9.0%) | | 79 (8.0%) | | 24 (16%) | |  | |
| 3. >100 | 22 (1.9%) | | 20 (2.0%) | | 2 (1.3%) | |  | |
| Unknown | 9,762 | | 315 | | 9,447 | |  | |
| **Parcel land cover - percent buildings** | 13 (5, 26) | | 7 (2, 13) | | 14 (5, 28) | | <0.001 | |
| **Dist. to destroyed building (m)** | 212 (55, 498) | | 20 (6, 49) | | 264 (88, 565) | | <0.001 | |
| **Building density** | 1.42 (0.7, 2.3) | | 0.96 (0.5, 1.71) | | 1.48 (0.78, 2.3) | | <0.001 | |
| Unknown | 73 | | 4 | | 69 | |  | |
| **Distance to major road (m)** | 184 (67, 381) | | 281 (144, 432) | | 172 (62, 370) | | <0.001 | |
| Unknown | 73 | | 4 | | 69 | |  | |
| **Percent grass, 91.4 m (300 ft)** | 14 (9, 19) | | 11 (6, 15) | | 15 (9, 20) | | <0.001 | |
| **Percent paved, 91.4 m (300 ft)** | 7.3 (4.1, 10.9) | | 4.8 (2.3, 7.5) | | 7.6 (4.4, 11.3) | | <0.001 | |
| **Percent road, 91.4 m (300 ft)** | 6.8 (3.4, 11.4) | | 4.8 (2.6, 7.5) | | 7.1 (3.6, 11.9) | | <0.001 | |
| **Percent shrub, 91.4 m (300 ft)** | 0.9 (0.0, 5.6) | | 2.9 (0.0, 10.2) | | 0.7 (0.0, 5.1) | | <0.001 | |
| **Percent soil, 61 m (200 ft)** | 19 (9, 34) | | 29 (18, 40) | | 18 (8, 33) | | <0.001 | |
| **Percent tree, 30.5 m (100 ft)** | 28 (18, 41) | | 35 (24, 49) | | 27 (17, 39) | | <0.001 | |
| **Percent water, 30.5 m (100 ft)** | 0 (0,0) | | 0 (0,0) | | 0 (0,0) | | 0.7 | |
| **Parcel area (m2)** | 4,565  (1,396, 24,752) | | 7,837  (3,358, 39,047) | | 4,288  (1,262, 22,843) | | <0.001 | |
| **Aspect, 100 m around build** | 182 (154, 207) | | 178 (148, 203) | | 183 (155, 208) | | <0.001 | |
| **Elevation, 30 m around build (m)** | 242 (80, 284) | | 243 (78, 315) | | 242 (81, 281) | | <0.001 | |
| **Slope (%) 30 m around build** | | 9.0 (5.6, 13.6) | | 12.0 (7.9, 16.6) | | 8.6 (5.3, 13.1) | | <0.001 | |

1Median (IQR); n (%)

2Wilcoxon rank sum test; Fisher's Exact Test for Count Data with simulated p-value

(based on 2000 replicates); Fisher's Exact Test for Count Data