**Supplemental Table 1: Comparison on Observed Continuous Variables by Dataset**

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|  | **Uninspected  Properties**  *Mean*  *(Standard Deviation)* | **Training Dataset**  *Mean*  *(Standard Deviation)* | **Testing Dataset**  *Mean*  *(Standard Deviation)* |
| Total Assessed Value ($) | 312 899.4  (545 094.8) | 470 763.3  (542 623.2) | 1 001 240.5  (4 154 174.7) |
| Tax Deed (proportion) | 0.06  (0.24) | 0.07  (0.26) | 0.06  (0.24) |
| Bedrooms (#) | 3.4  (2.17) | 6.1  (10.99) | 6.6  (20.31) |
| Building Size (sq. ft) | 2 750.6  (4 731.7) | 5 844.1  (11 564.8) | 8 632.4  (24 401.4) |
| Municipal Violations (count) | 3.7  (8.2) | 9.6  (12.0) | 7.8  (12.9) |
| Calls for Service (count) | 0.3  (0.8) | 0.2  (0.7) | 0.2  (0.5) |
| Owner Occupied (proportion) | 0.5  (0.5) | 0.5  (0.5) | 0.4  (0.5) |
| Police Incidents (count) | 3.7  (7.3) | 3.8  (6.7) | 5.7  (17.5) |
| Police Incidents After 2015 (count) | 1.4  (2.9) | 1.8  (3.3) | 2.3  (7.5) |
| Year Built | 1935.6  (42.8) | 1913.4  (27.4) | 1919.6  (32.7) |