**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) |