

Manuscript Validation

Comparison Data Sets

ICS-209-PLUS https://github.com/katiemcconnell/ICS-209-PLUS_spatiotemporal_linkage

Comparison Figures

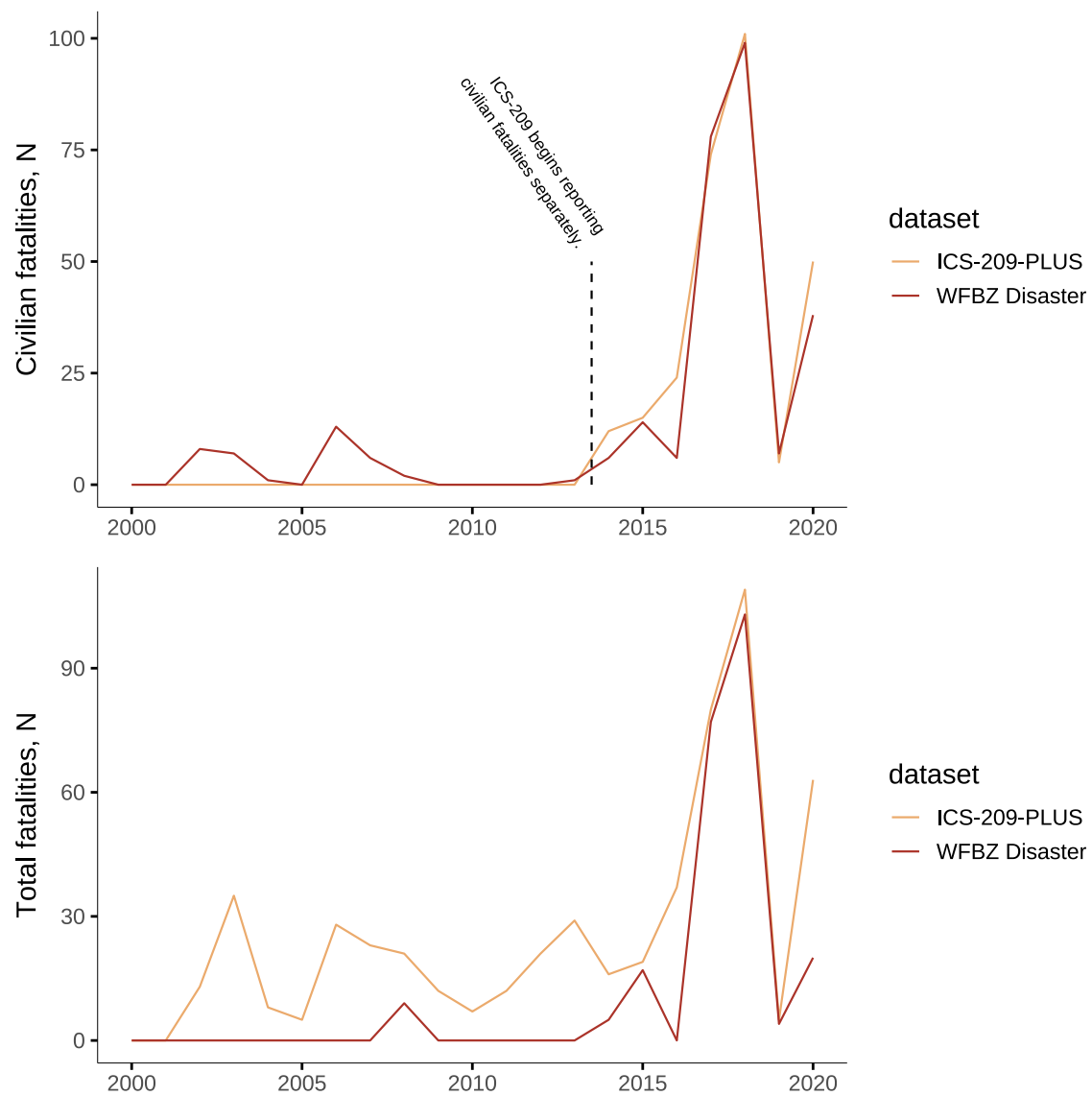
Number of Disaster Fires

For ICS209-PLUS, we defined a disaster fire as a fire that destroyed a building, had any fatality in or before 2013, or had a civilian fatality after 2013.



```
# A tibble: 4 x 2
  name                                value
  <chr>                             <dbl>
1 Mean Diff (WFBZ - ICS-209-PLUS)    20.8
2 SD Diff (WFBZ - ICS-209-PLUS)     55.3
3 Mean Abs Diff (WFBZ - ICS-209-PLUS) 48.4
4 SD Abs Diff (WFBZ - ICS-209-PLUS)  32.4
```

Fatalities



Stats for 2014 - 2020 only:

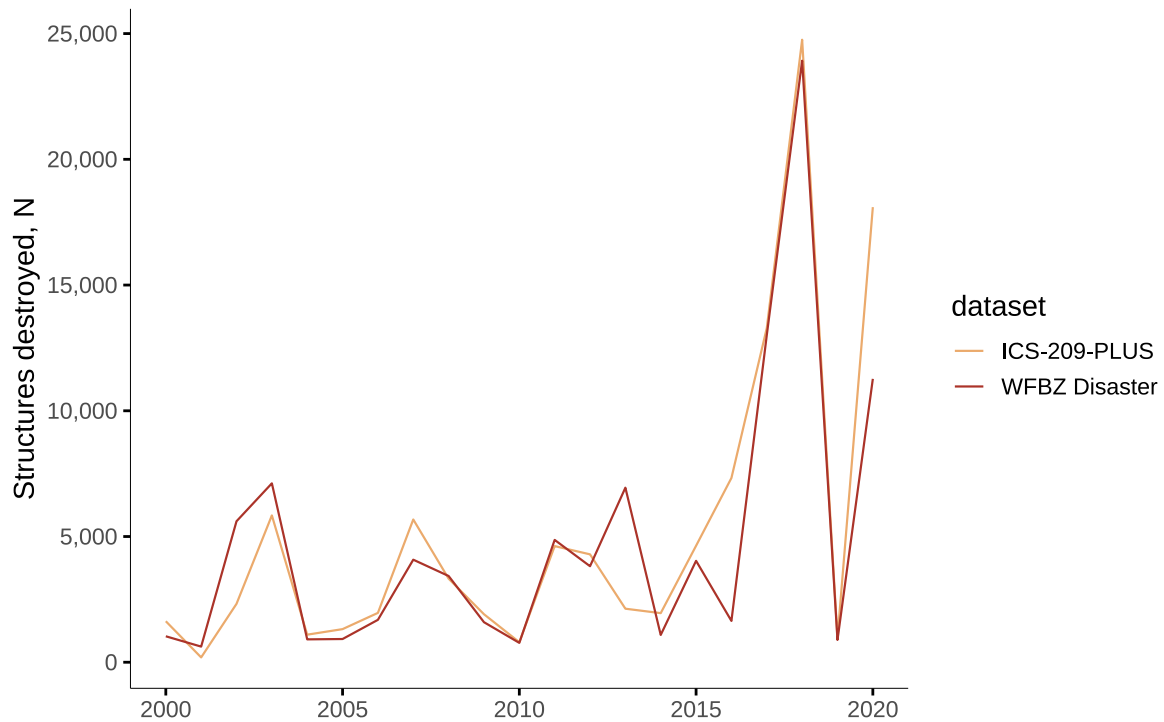
```
# A tibble: 4 x 2
  name                                value
  <chr>                               <dbl>
1 Mean Diff (WFBZ - ICS-209-PLUS)    -4.71
2 SD Diff (WFBZ - ICS-209-PLUS)      7.89
```

```

3 Mean Abs Diff (WFBZ - ICS-209-PLUS)  6.43
4 SD Abs Diff (WFBZ - ICS-209-PLUS)    6.32

```

Structures



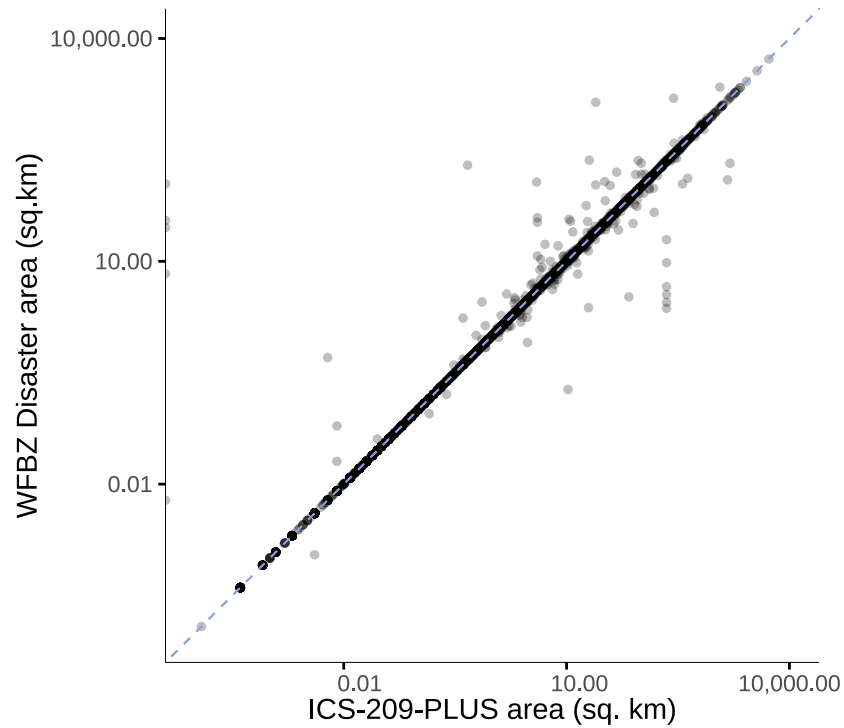
```

# A tibble: 4 x 2
  name                                value
  <chr>                               <dbl>
1 Mean Diff (WFBZ - ICS-209-PLUS)    -423.
2 SD Diff (WFBZ - ICS-209-PLUS)      2413.
3 Mean Abs Diff (WFBZ - ICS-209-PLUS) 1391.
4 SD Abs Diff (WFBZ - ICS-209-PLUS)   1995.

```

Direct Comparisons

Comparison of sizes of fires



We were able to match 4863 ICS-209-PLUS records to 4865 WFBZ Disaster records (some WFBZ Disasters included multiple records from ICS-209 and therefore corresponded to multiple ICS-209-PLUS records).

Median Difference (WFBZ Disaster - ICS-209-PLUS): 0

Median Abs. Difference: 0

IQR Difference: 0 to 0

IQR Abs. Difference: 0 to 0

Spearman Correlation: 0.9946681

Pearson Correlation: 0.9701329