

Replicate Ba et al. 2021 - Merge Stops to Shift Assignments

Merge stops - Ba et al. 2021

- Number of resulting rows: 3661994
- Number of stops which occurred during a shift: 1338754
 - Percentage of stops (1703158): 78.6042164%
- Number of shift assignments retained: 2928751
 - Percentage of shift assignments: 99.866027%
- 7850 shift assignments matched with at least one stop **without having** a start time and an end time.
 - This represents 0.2676733% of all shift assignments.
 - 18665 stops are affected or 1.0959054% of all stops.
- There are 315 stops which match to more than one shift assignment.
 - These **duplicate** stops represent 0.0184951% of all stops (1703158).
 - 326 shift assignments are affected or 0.0111161% of all shift assignments.
 - In total, there are 630 **duplicate stop-shift observations** representing 0.0172037% of all stop-shift observations.

Merge stops - Risi

- Number of resulting rows: 3650734
- Number of stops which occurred during a shift: 1314174
 - Percentage of stops (1703158): 77.161015%
 - Number of fewer stops matched than Ba et al. 2021: 24580
 - Percent reduction from Ba et al. 2021: 1.8360356%
- Number of shift assignments retained: 2932680

- **Percentage of shift assignments:** 100% **NOTE** this should be 100%.
- 0 shift assignments matched with at least one stop **without having** a start time and an end time. **NOTE** that this should be 0.
- There are 57 stops which match to more than one shift assignment.
 - These **duplicate** stops represent 0.0033467% of all stops (1703158).
 - 60 shift assignments are affected or 0.0020459% of all shift assignments.
 - In total, there are 114 **duplicate stop-shift observations** representing 0.0031227% of all stop-shift observations.
 - As noted above, **all these entries are dropped**.