EDA of MBTA data

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2022-12-13

Input Data

Data Cleaning

Select one week from each month

EDA

Now have some data visualization based on the selected data.

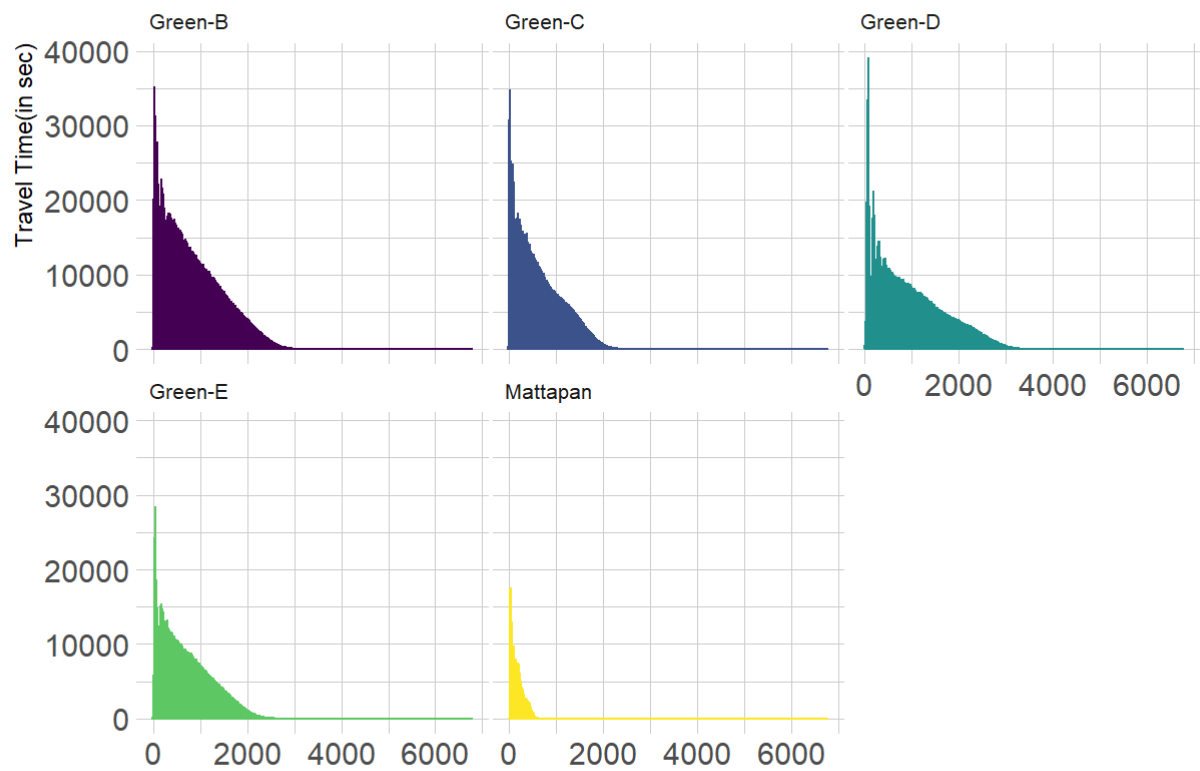Travel time between two stops of different routes in seconds

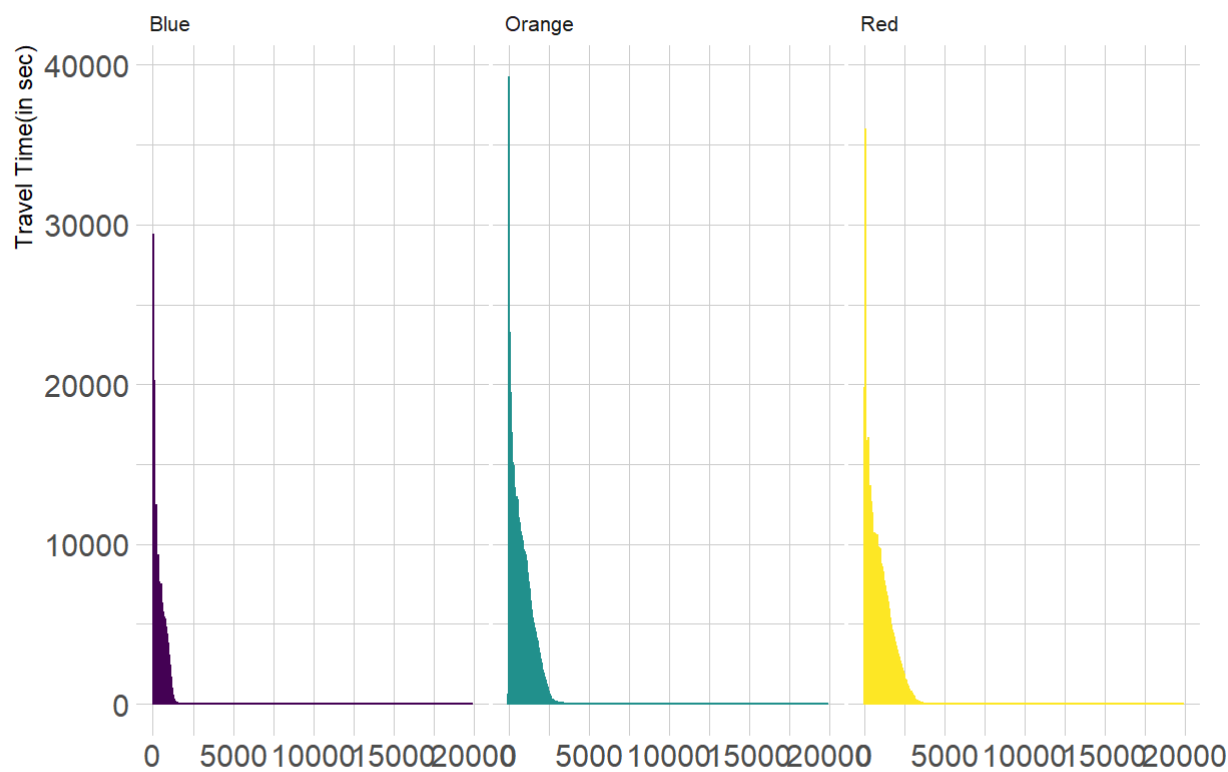Figure 1: Travel time between two stops of LR routes in seconds

Figure 2: Travel time between two stops of HR routes in seconds
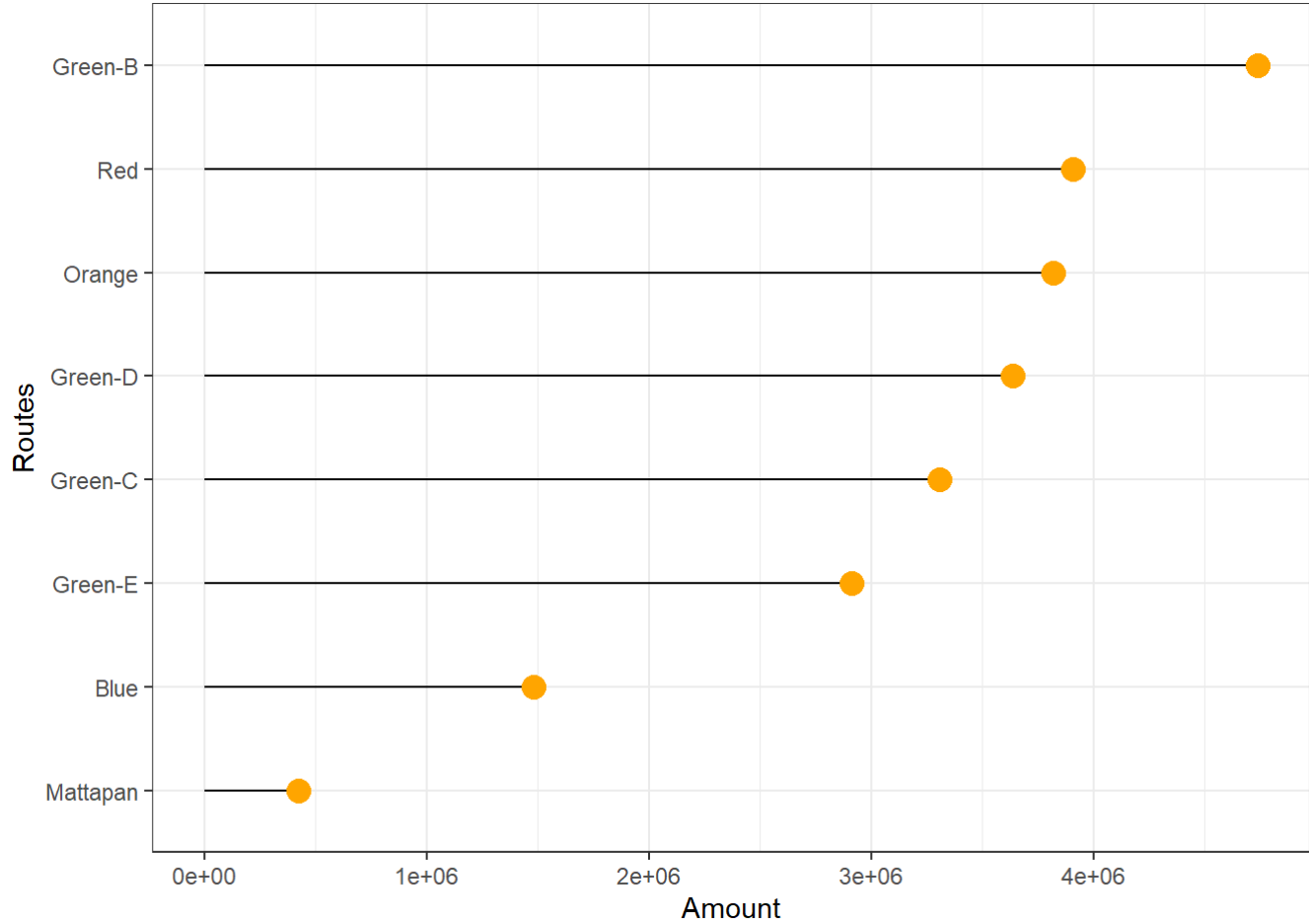
Amount of different routes

Figure 3: Amount of different routes ranked

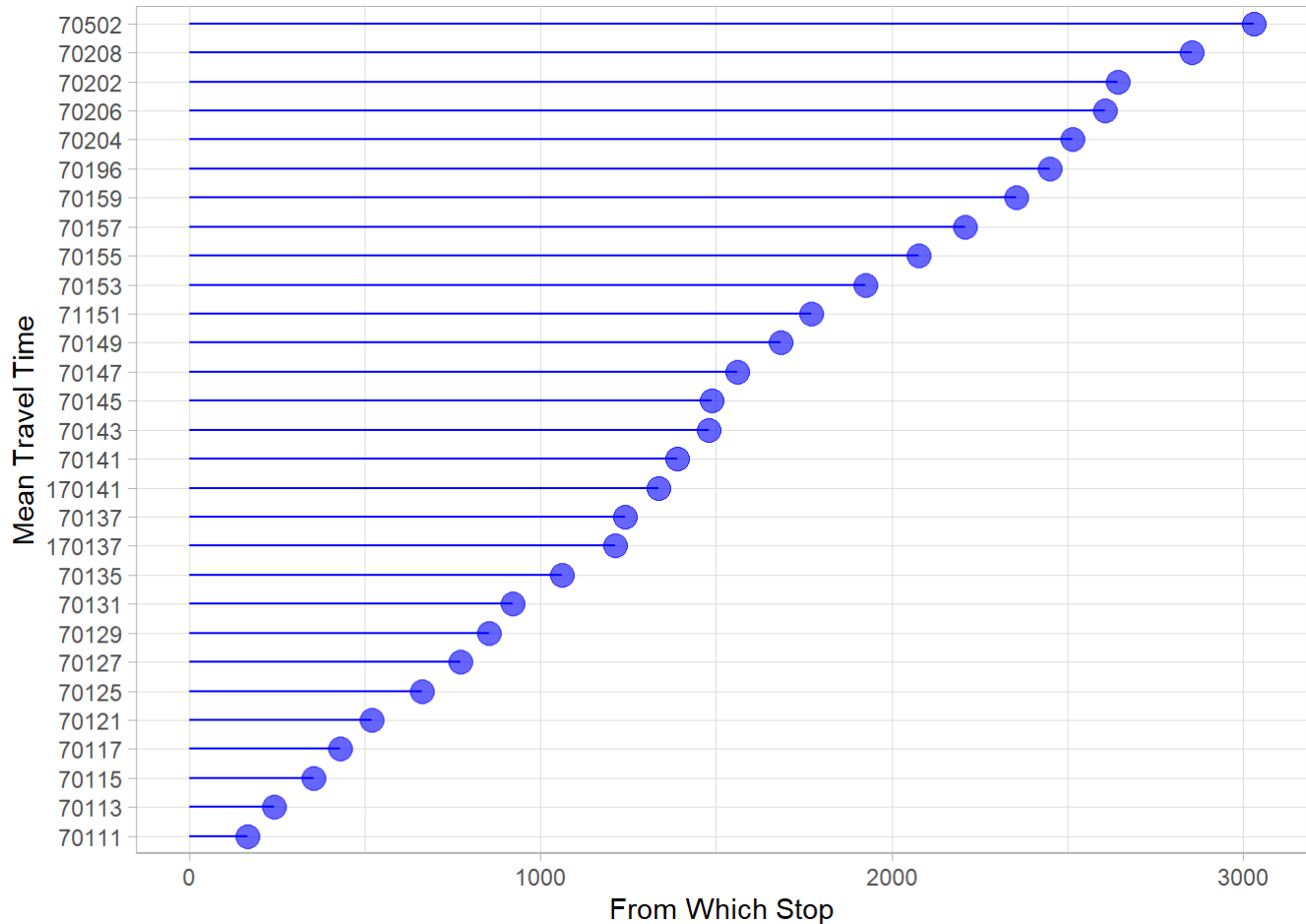Different train to the stop 70107

Figure 4: Average spending time from different stations to 70107

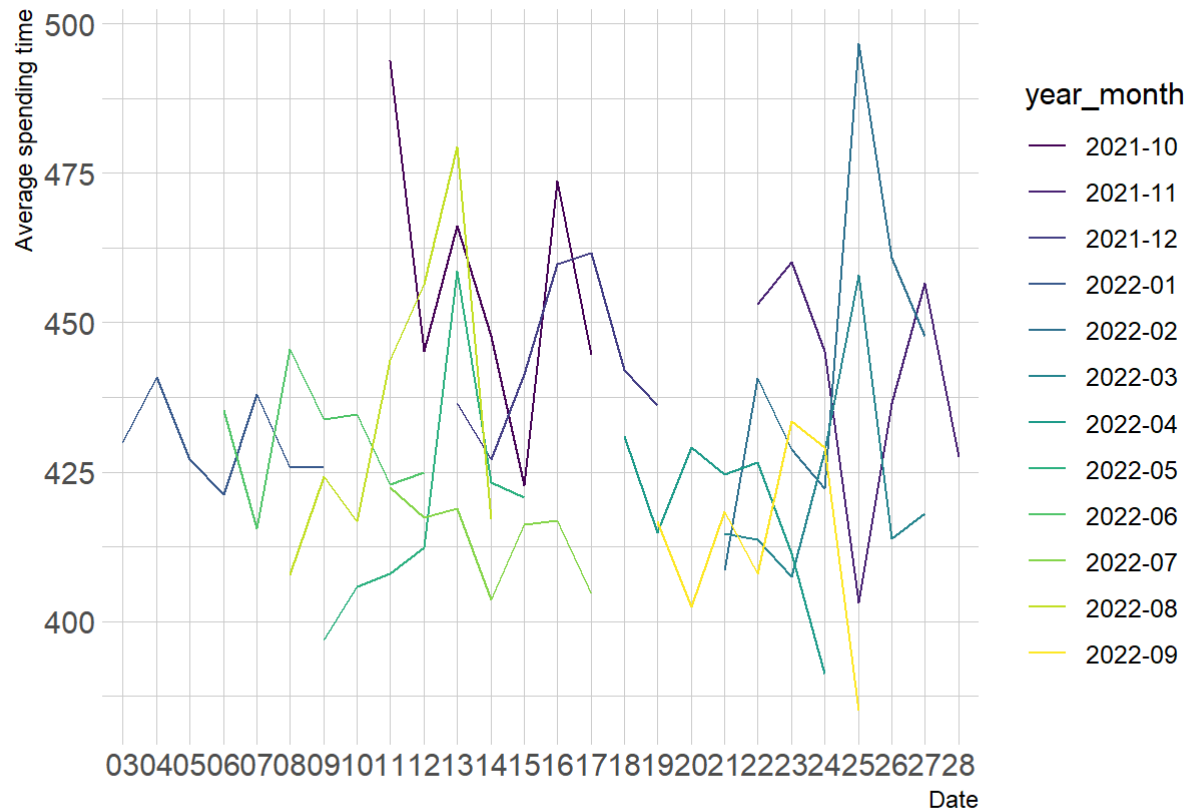Route date and time spent between stop 70117 and 70107

Figure 5: Average spending time between stop 70117 and 70107 on different date

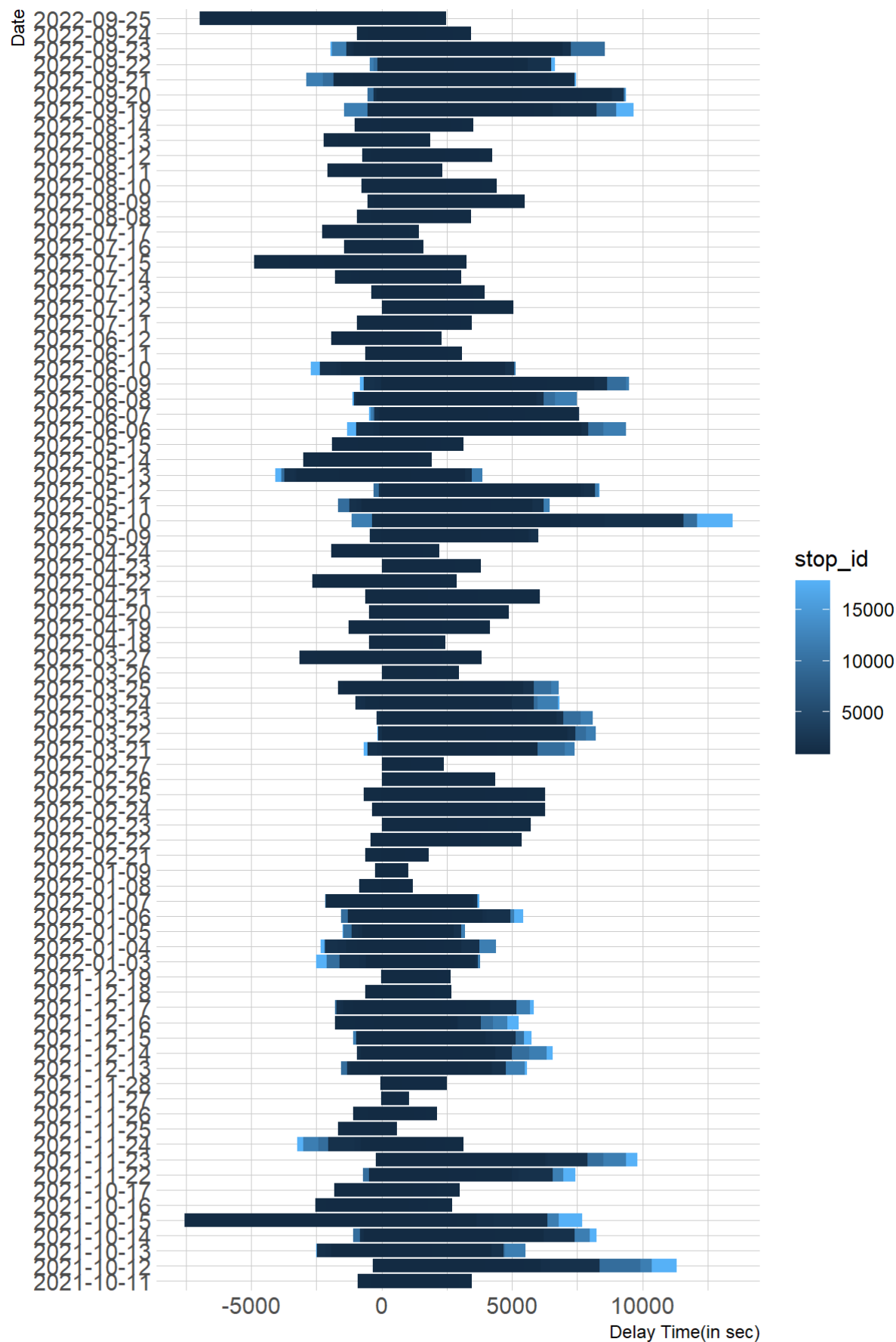Delay of Route 57 at different date

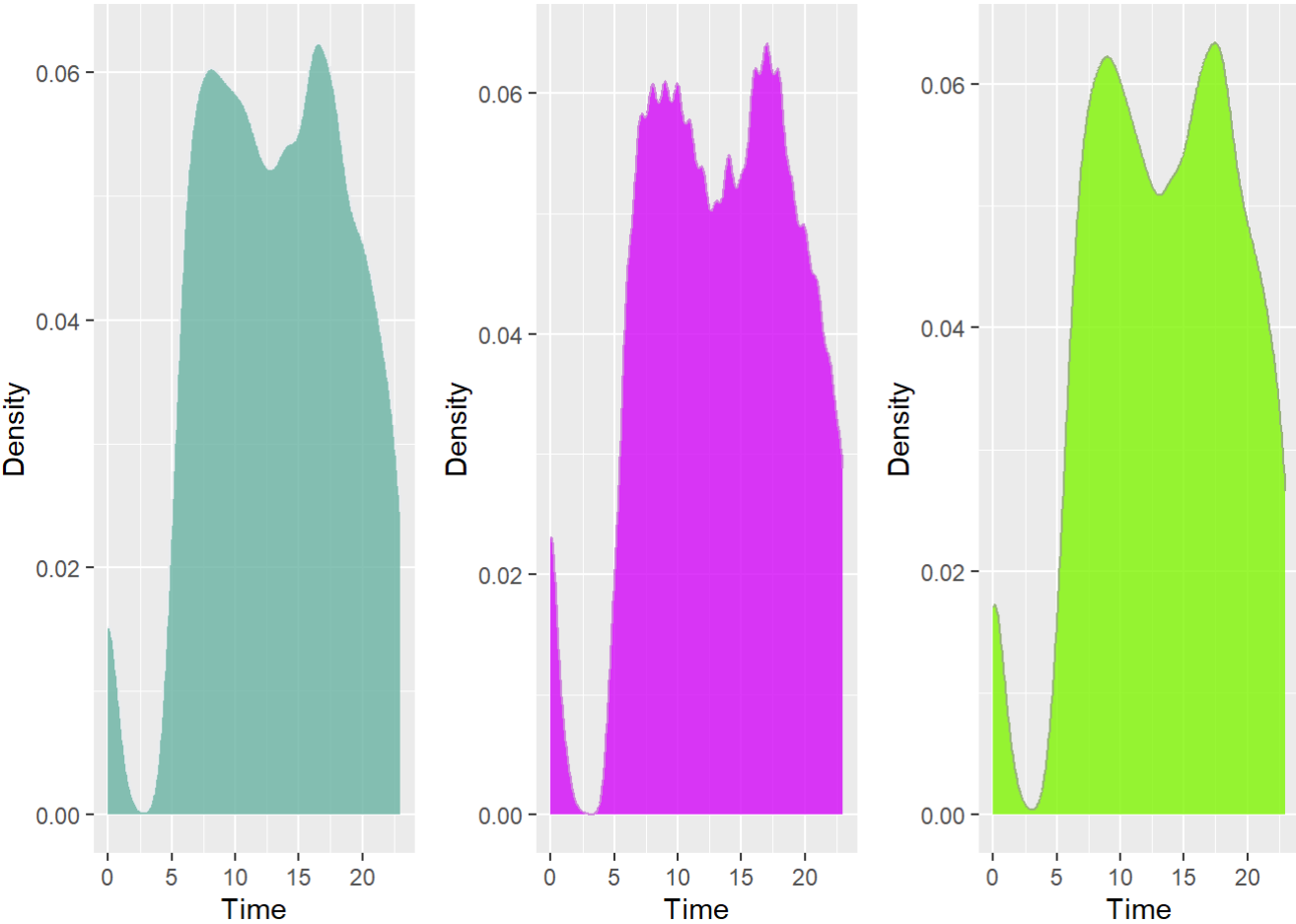Figure 6: Average delay time between different stops of route 57 at different date

Figure 7: Start time, time enter the midpoint stop, and end time of route 57