Hierarchical Jump-point PLP (JPLP) Estimation

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2020-05-14

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1 One case scenario

1.1 Simulating data for multiple shifts from one driver

```
pacman::p_load(rstan, tidyverse, data.table)
source("functions/JPLP_functions.R")

dt = sim_mul_jplp()
str(dt)
```

```
## List of 3
##  $ event_time:'data.frame':  90 obs. of  2 variables:
##   ..$ shift_id  : int [1:90] 1 1 1 1 1 1 2 2 2 2 ...
##   ..$ event_time: num [1:90] 1.53 2.87 5.86 8.89 9.05 ...
##  $ trip_time :'data.frame':  26 obs. of  2 variables:
##   ..$ shift_id : int [1:26] 1 2 2 2 3 3 3 3 4 4 ...
##   ..$ trip_time: num [1:26] 6.63 2.61 4.62 6.91 2.59 3.87 6.34 7.7 2 4.38 ...
##  $ shift_time:'data.frame':  10 obs. of  3 variables:
##   ..$ shift_id  : int [1:10] 1 2 3 4 5 6 7 8 9 10
##   ..$ start_time: num [1:10] 0 0 0 0 0 0 0 0 0 0
##   ..$ end_time  : num [1:10] 10.36 8.75 10.65 10.37 10.78 ...
```