Readme for Chapter 4

Python scripts for the explorative cases are provided (i.e., Cases D&E). Note that Cases A, B, and C correspond to Cases 0, 2, and 4 in Chapter 3, respectively. Corresponding Python scripts are enclosed in Chapter 3.

Excel document “process results” comprises data put into the Python scripts.

The documents needed for the optimisation on Delftblue supercomputer are “process results.xlsm”, “myscript.sh”, “optimisation\_net\_profit.py”. First, upload the three documents onto your personal home directory at <https://login.delftblue.tudelft.nl/pun/sys/dashboard/> and follow this documentation <https://github.com/nkpanda97/run_in_hpc>. “myscript.sh” is the .sh file. Note that the GUROBI license is provided by TU Delft.

All the results used to make figures and tables in Chapter 4 are presented in the Excel document “Chapter 4 data.xlsx”.