

Data Format Description: Mobility Offer Instances V1

In the following, a description of an input data format for mobility offer problems is given. All indices are zero based, i.e the index 0 refers to the first element of a list. The value -1 for an index encodes that an optional index is not present. The input data is provided in a plain text file with the file ending “**.mo.input**” that consists of:

- One line containing two natural numbers separated by single spaces:
 - *nmbVehicles* The number of vehicles
 - *nmbDemands* The number of demands
- *nmbDemands* subsequent lines each describing a mobility demand. The first number of each line specifies the *order date* of the demand. The second number of each line specifies the *number of mobility offers* n for the mobility demand. It is followed by n five-tuples of numbers, specifying *cost*, *interval start*, *interval end*, *due date*, and a *vehicle index*. The vehicle index is optional, i.e. it might be -1 .