
Title

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ABSTRACT

1 Data Structure

1.1 Agent

- S_Id: integer
- acceptable categories: set of integers

1.2 Categories

- C_Id: integer
- priority: list of integers
- capacity: integer

1.3 Outcome

- data_id
- algorithm_name
- matching: dictionary
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2 Data Generation

this is a function

- input: number of agents, number of categories, Mallows model (parameter)
- output: a data set

3 Algorithm

References