

## Pattern analysis

Clustering  
25

Regression  
21

Authors algorithm  
4

Classification  
3

Descriptive statistics  
3

Deep learning  
4

OD matrix  
3

Probability model  
2

Trip-chaining model  
2

Graph model  
4

Dimensionality reduction  
2

Authors model  
1

Gravity-based model  
1

Language model  
2

Authors model  
1

Optimization  
1

Ranking algorithm  
1

## Classification

Clustering  
21

Regression  
4

Descriptive statistics  
2

Classification  
1

Authors model  
1

Deep learning  
2

Language model  
4

Authors model  
1

Ranking algorithm  
1

Trip-chaining model  
1

## Performance indicators

Classification  
7

Clustering  
3

Descriptive statistics  
1

Econometrical model  
2

OD matrix  
2

Regression  
5

Authors model  
1

Authors model  
1

Authors model  
1

## OD matrix

Regression  
5

OD matrix  
3

Classification  
2

Clustering  
1

Authors model  
1

Graph model  
1

Authors algorithm  
3

Deep learning  
1

Probability model  
1

Neural networks  
1

Authors model  
1

Optimization  
1

## Path planning/finding

Regression  
7

Authors algorithm  
2

Classification  
1

Classification  
1

Clustering  
1

Authors algorithm  
1

Optimization  
1

Language model  
1

Probability model  
1

## Passengers flow

Regression  
6

Probability model  
3

Clustering  
2

Optimization  
2

Deep learning  
1

Time series analysis  
4

Genetic algorithm  
1

Authors algorithm  
1

Gravity-based model  
1

## Data preprocessing

Classification  
3

Forecasting  
1

Game theory  
1

Authors algorithm  
2

Probability model  
1

### Anomaly detection

Anomaly detection  
2

Clustering  
1

Authors model  
1

## COVID-19

Regression  
3

Clustering  
1

Authors model  
1

### Destination estimation

OD matrix  
1

Regression  
1

Authors model  
1

### Ex-post analysis

Clustering  
3

Authors model  
1

Authors model  
1

### Multimodal

Regression  
3

Authors model  
1

Deep learning  
3

### Origin estimation

Authors model  
1

Authors model  
1

Trip chain

## demand forecasting

Regression  
6

Language model  
2

Authors model  
1

Classification  
1

Deep learning  
3

Clustering  
1

Probability model  
1