

# Multi-objective combinatorial optimization solver on the web

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## Contents

<b>1</b>	<b>Introduction</b>	<b>1</b>
<b>2</b>	<b>Solvers</b>	<b>1</b>
2.1	nMOCO-S . . . . .	1
2.1.1	Problem upload . . . . .	1
2.1.2	Solver output . . . . .	2
2.2	rMOCO-S . . . . .	2
<b>3</b>	<b>Instance Library</b>	<b>2</b>
3.1	Multi-objective Knapsack Problem . . . . .	2
3.1.1	Model . . . . .	2
3.1.2	Input file format . . . . .	2
3.1.3	Output file format . . . . .	2
3.2	Multi-objective Assignment Problem . . . . .	2
3.2.1	Model . . . . .	2
3.2.2	Input file format . . . . .	2
3.2.3	Output file format . . . . .	2

## 1 Introduction

## 2 Solvers

### 2.1 nMOCO-S

#### 2.1.1 Problem upload

##### 2.1.1.1 Input parameters

##### 2.1.1.2 Data file format

##### 2.1.1.3 Model file format

**2.1.2 Solver output**

**2.1.2.1 Output fields**

**2.1.2.2 Output file format**

**2.2 rMOCO-S**

## **3 Instance Library**

**3.1 Multi-objective Knapsack Problem**

**3.1.1 Model**

**3.1.2 Input file format**

**3.1.3 Output file format**

**3.2 Multi-objective Assignment Problem**

**3.2.1 Model**

**3.2.2 Input file format**

**3.2.3 Output file format**