

MWE

$$\begin{aligned} \min_{x,y} \quad & \sum_{i=1}^n \sum_{j=1}^m a_j x_{ij} \\ \text{s.t.} \quad & \sum_{j=1}^m x_{ij} \leq d_i, \quad \forall i = 1, \dots, n, \\ & x_{ij} \in \{0, 1\} \end{aligned}$$

vs

$$\min_{x,y}$$