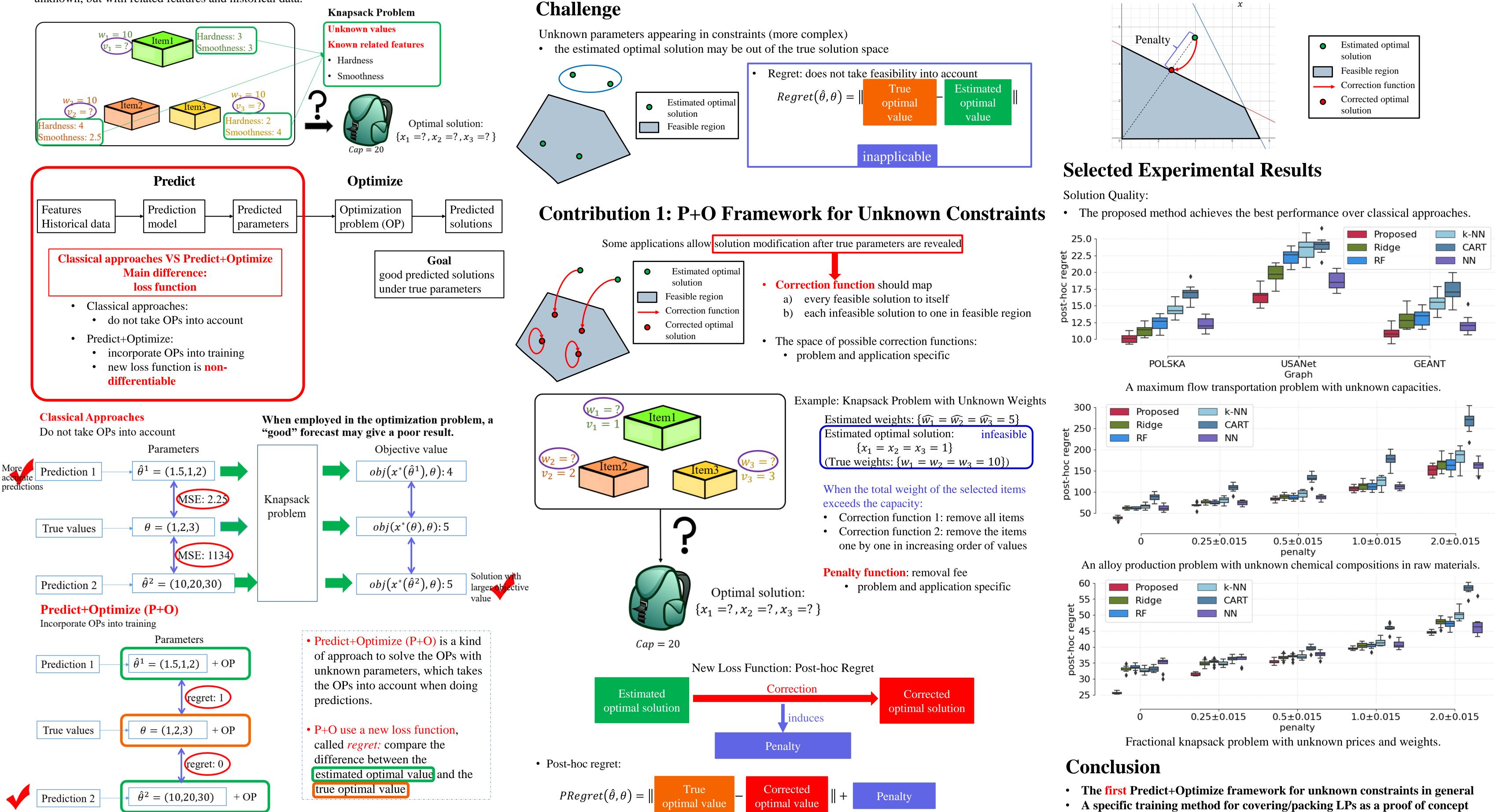
# Predict+Optimize for Packing and Covering LPs with Unknown Parameters in Constraints

## Motivation

In practice, optimization problems (OPs) usually contain parameters, some of which may be unknown, but with related features and historical data.





## **Limitations of Prior Works**

• All focus on unknown parameters **only in the objective** 



### **Contribution 2: P+O on Packing/Covering LPs**

Consider a packing LP in the standard form:

