# Abstract

A recommendation method, and a method and device for publishing an online prediction model. The recommendation method comprises: determining a target user identifier and multiple candidate item identifiers inputted into an online prediction model; searching among multiple sample user identifiers of the online prediction model for the target user identifier and each of the candidate item identifiers, so as to obtain an intermediate user feature vector corresponding to the target user identifier and intermediate item feature vectors corresponding to each of the candidate item identifiers; performing prediction processing with respect to the intermediate user feature vector corresponding to the target user identifier and the intermediate item feature vectors corresponding to each of the candidate item identifiers, and outputting degrees of matching of each of the candidate item identifiers and the target user identifier; and determining from the candidate item identifiers, according to the degrees of matching of each of the candidate item identifiers and the target user identifier, a target item identifier to be recommended to the target user identifier.


Figure 1