

ENTITY TRANSACTION ATTRIBUTE DETERMINATION METHOD AND APPARATUS

ABSTRACT

5 Embodiments of this specification provide an entity transaction attribute determination method. On the one hand, expression vectors of a to-be-predicted entity at different historical time points are processed through a time-series neural network to take into account time-series characteristics of the to-be-predicted entity. On the other hand, node vector aggregation of neighbor nodes is performed for the expression vector of a single historical time point
10 based on a relational network determined in accordance with corresponding entity states, fully considering influences from other entities associated with the to-be-predicted entity on the state of the to-be-predicted entity, thereby generating an expression vector having a better expression capability for the to-be-predicted entity. Through the analysis of such an expression vector having a better expression capability, the accuracy of predicting a preset
15 transaction attribute of an entity can be improved.

[FIG .1]