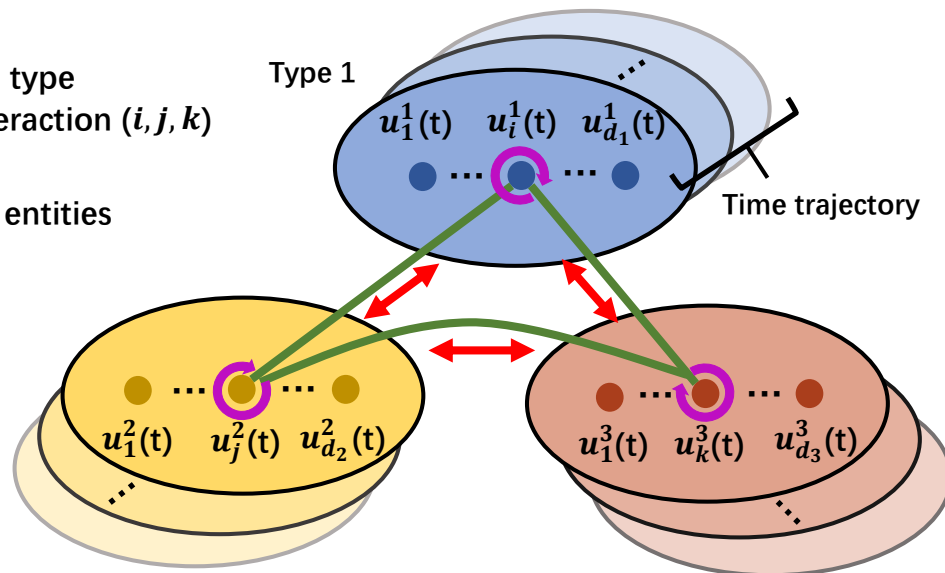


- • • : Embeddings of entities of each type
- : Edges defined by observed interaction (i, j, k)
- ↔ : Diffusion process along edges
- ⌚ : Reaction process on individual entities

Table of observed data

Type 1	Type 2	Type 3	Time-stamp	Value
i	j	k	t	$y_{ijk}(t)$
...



Embedding trajectories

Neural Network, Eq (5)

Data: Interaction Results and Timestamps