Types of attributes and methods of the class ObservationSet

Notation

- *O* denotes the number of observations.
- *N* denotes the number of names associated with the observations.
- + denotes public attributes and methods (i.e. exported attributes and methods).
- denotes private attributes and methods (i.e. attributes and methods not exported).

Attributes

+ data: list(named list)

\$observation1

name 1	vector
name 2	vector
•••	
name N	vector

\$observation2

name 1	vector
name 2	vector
•••	
name N	vector

\$observationO

name 1	vector
name 2	vector
•••	
name <i>N</i>	vector

+ names: vector(character)+ item_key: character+ year_key: character

Methods

+ observation.set(data: see attribute data, item_key: see attribute item_key,

year_key: see attribute year_key, names: see attribute names): ObservationSet

+ **subset(object**: ObservationSet, **indexes**: vector(numeric) or vector(logical), **keep_names**: logical):
ObservationSet

+ as(to: transactions): transactions (class from the package arules)

+ get_all_items(): vector
+ get_itemsets(): list(vector)

+ **get_items_from_info(info**: named list, **presence**: character, **additional**: vector(character)): vector or named list

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- + **get_info_from_items(items**: vector, **info_names**: vector(character), **presence**: character): vector or named list
- + get_complex_obs(): ObservationSet
- + get_simple_obs(): ObservationSet
- + **get_obs_from_items(items**: vector, **presence**: character**)**: ObservationSet
- + get_obs_from_info(info: named list, presence: character): ObservationSet
- + complexity_ratio(items: vector): named vector(numeric)
- + complexity_items(items: vector): named vector(numeric)
- + co_occurrence_matrix(items: vector): named matrix(numeric)
- has_temporal_data(): logical

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