## Semantic relations

Taxonomy, Partonomy, Attributes, Roles

## KEY

taxonomic relation

prototype hyponym

other hyperonym-hyponym relation

marginal or not really hyponym

primary partonomic relation

head partonym

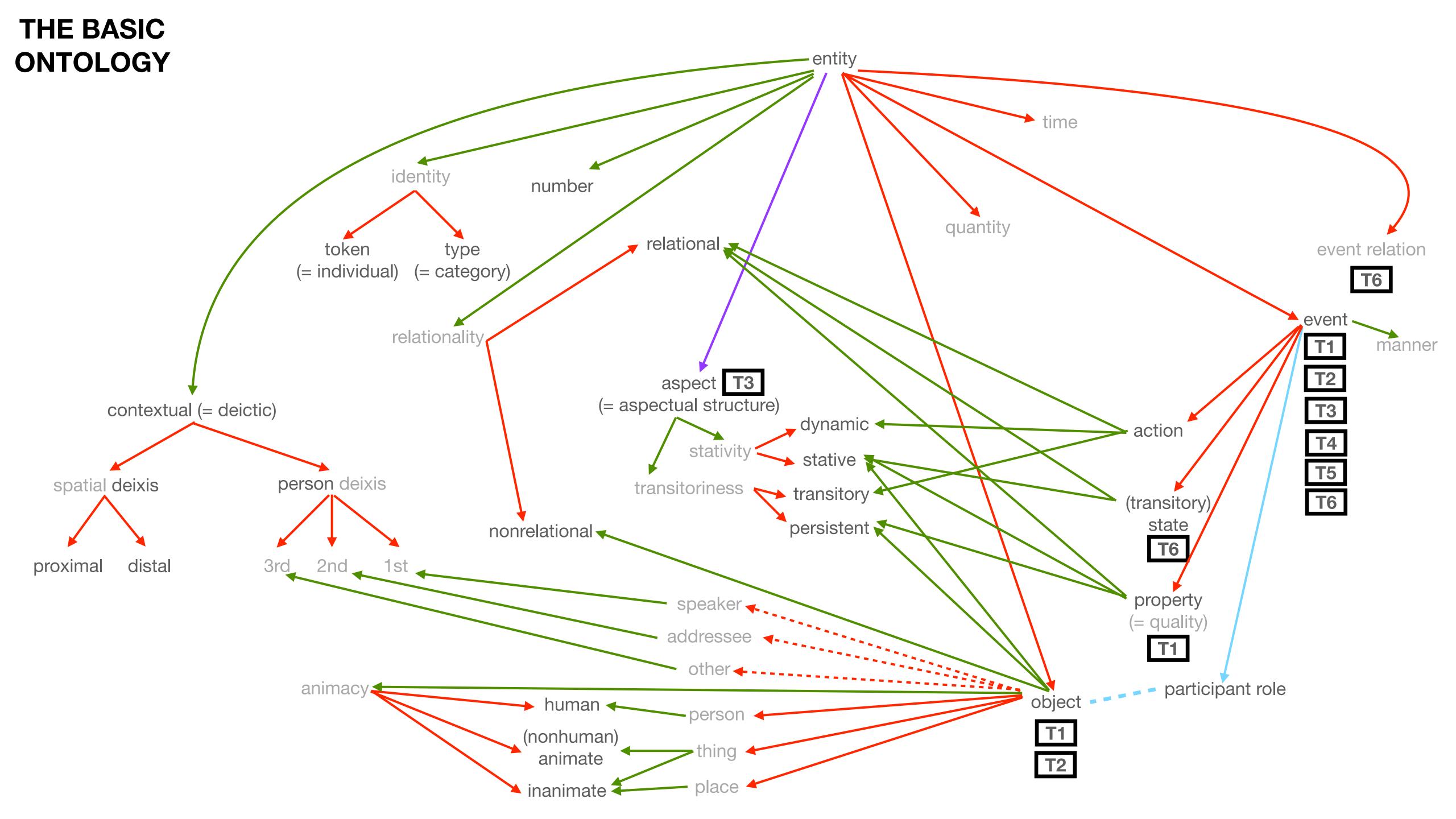
other partonomic relation

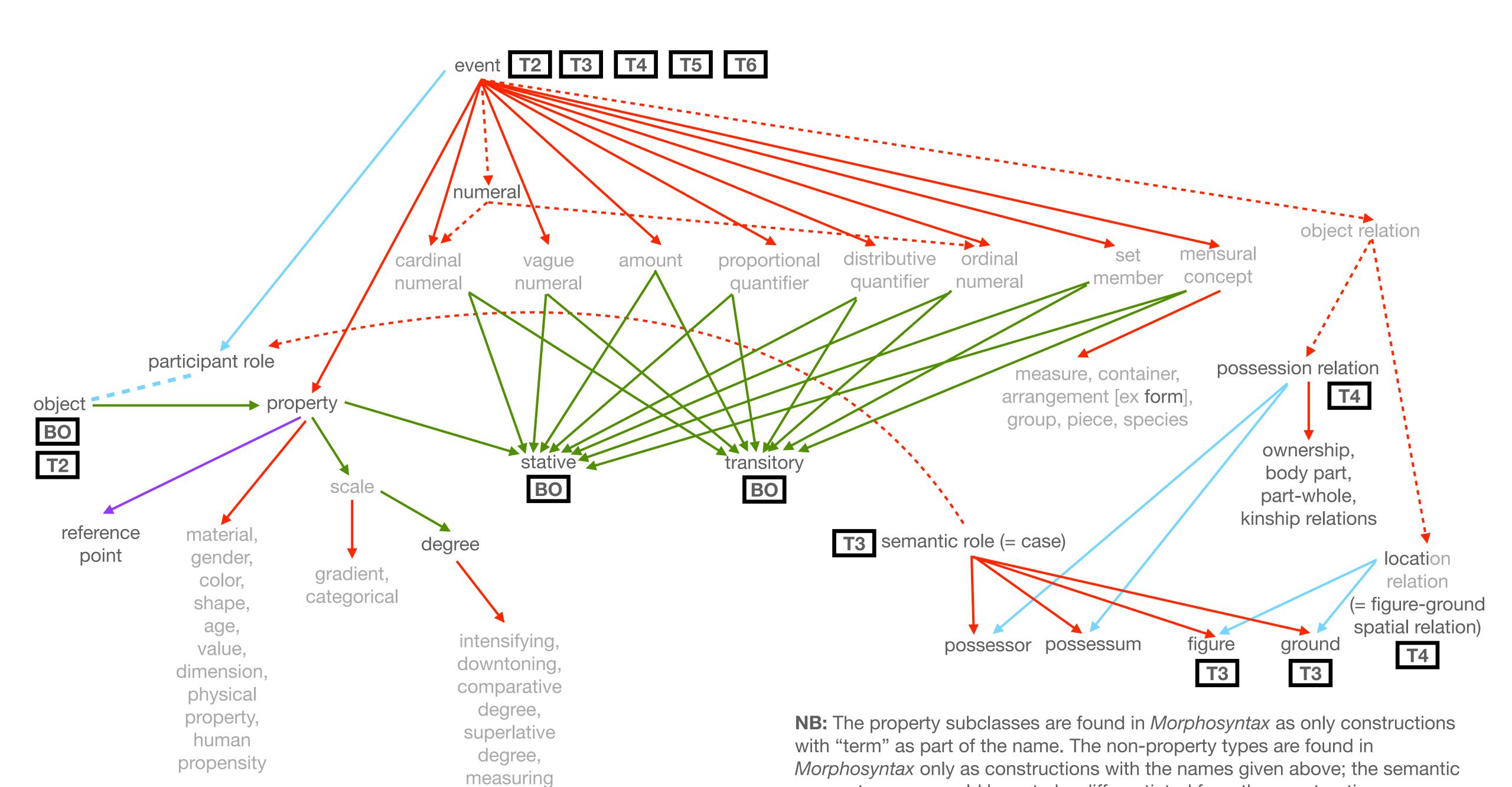
feature (attribute) relation

role relation role-filler relation (only for participant role — participant)

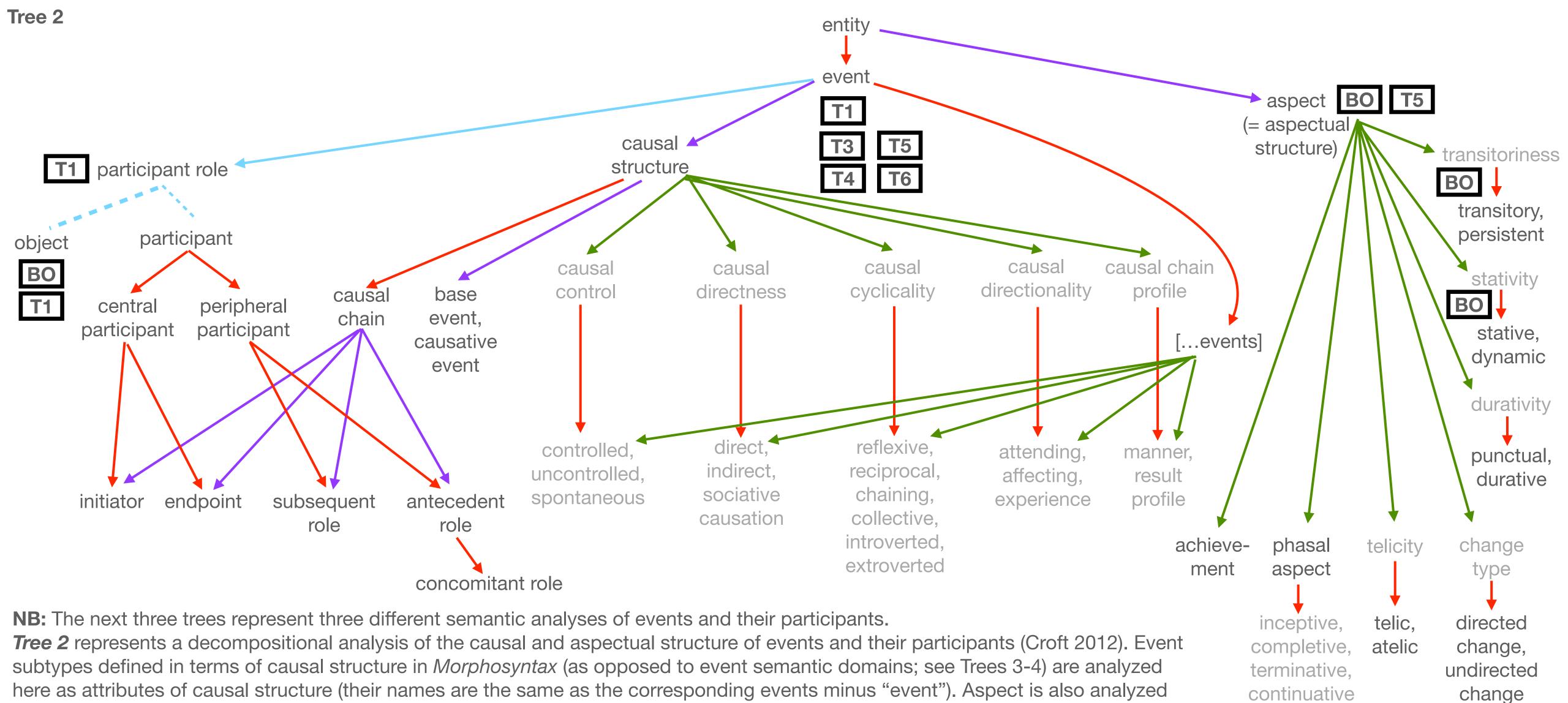
semantic semantic term not in *Morphosyntax* (but should be)

this tree is linked to Tree # at this node





concept names would have to be differentiated from the construction names.

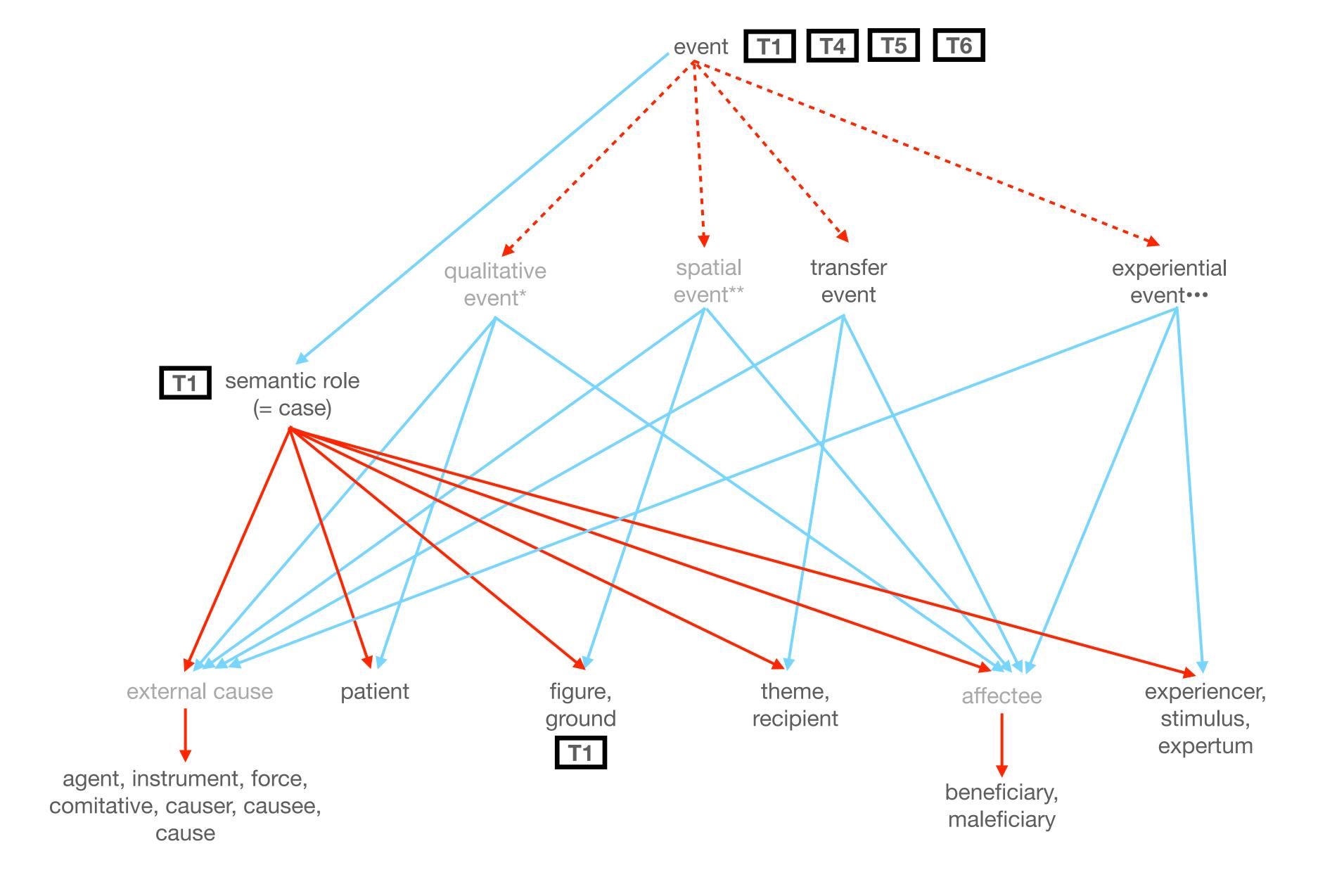


(= perseverative)

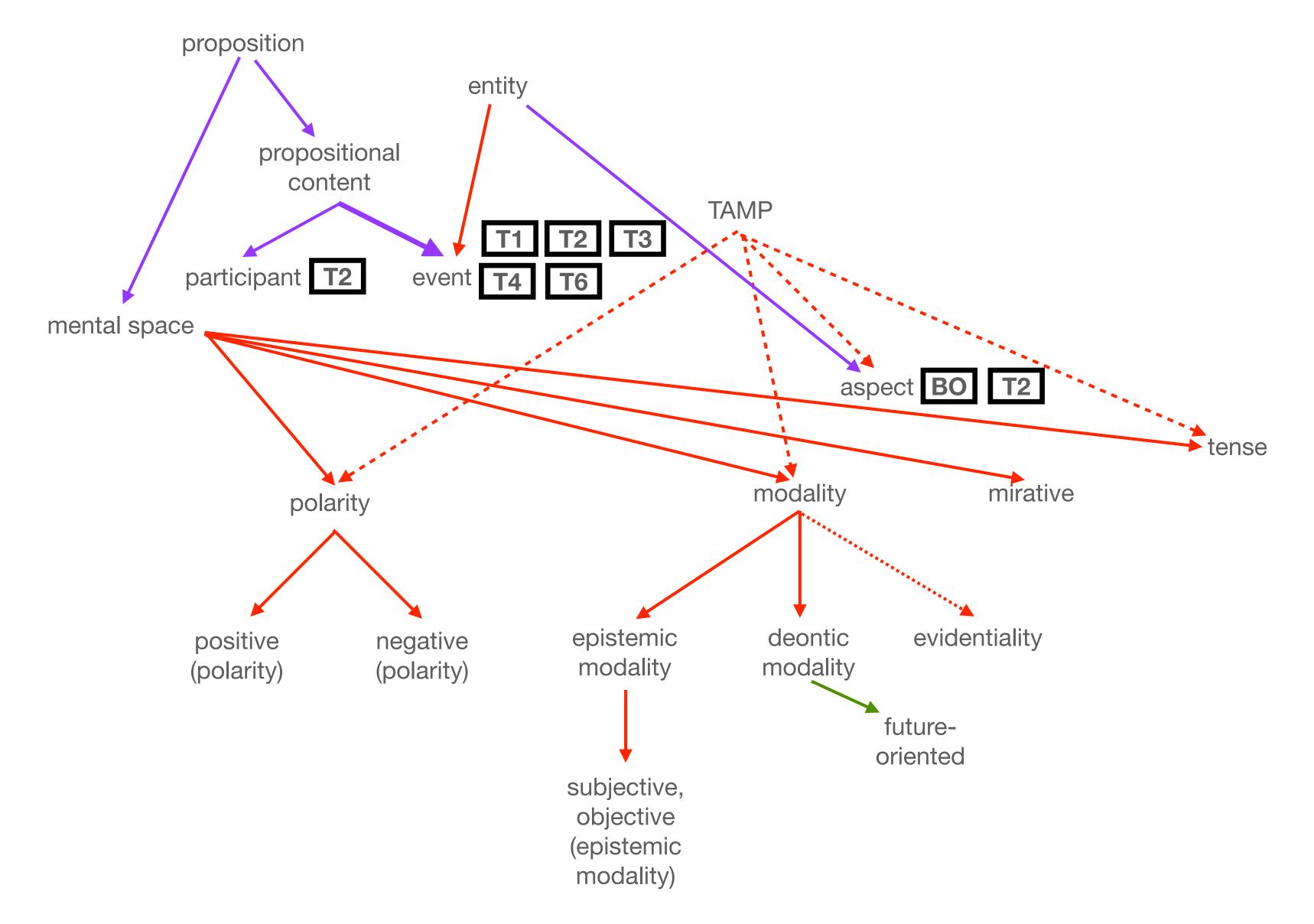
as an attribute of the aspectual structure of an event. **Tree 3** represents a standard semantic role analysis of event participants, analyzed in terms of event superclasses based on semantic domains that are used to define the roles (unpublished work, from NSF grant #2213804 on Uniform Meaning Representation). **Tree 4** represents a finer-grained classification of events by domain, organized by valency, and the exemplar model of valency-based

semantic roles (Haspelmath 2011b, 2015). The classification of events by domain, organized by valency, and the exemplar model of valency-base semantic roles (Haspelmath 2011b, 2015). The classification of events is by no means complete; in particular, social events are not present (for social events, see Kalm 2022 [PhD dissertation]). Events with other events as participants are found in Tree 6.

All three analyses have their value, with different typological universals couched in their terms.



<sup>\*</sup>includes property, change of state, agentive change of state, contact, contact by impact, creation, killing/injuring, damage events; see Tree 4
\*\*includes location, (change in) (body) position, motion, application, removal, combining, and caused motion events; see Tree 4
\*\*\*includes perception, cognition, emotion, sensation, agentive experience, ingestion and agentive ingestion; see Tree 4



**NB:** The propositional content of a proposition is essentially the same as the event, including its participants (i.e., "who did what to whom"). In *Morphosyntax*, I follow the mental space analysis of propositions and semantic categories associated with propositions. A proposition is essentially an event in a particular mental space, either 'reality space' (i.e. a proposition taken to be true by the interlocutors) or a non-real mental space representing polarity, modal/evidential status, or also a particular time. Hence polarity, modality-evidentiality and tense are subtypes of mental spaces. A non-mental space analysis might simply have polarity, modality-evidentiality and tense as attributes of a proposition.

