

together, maybe in interaction with the linguistic and non-linguistic context. This is another area that deserves further empirical study.

Finally, the way clubs and crowds have been provisionally modeled, as pairs of a set and an atom, needs to be worked out in a way that does justice to the complexity of the ontology and semantics of number, as reflected in the literature (e.g., de Vries, 2015, and references given there). Also, the social nature of clubs needs to be worked out in a way that makes clear how it might relate to the notion of *role*, as it comes up in the treatment of Landman (1989) and Zobel (2017) of nouns like *judge*. An individual role, like that of a judge, is similar in some respects to a collective ‘role’ that a set of people play as a committee, for instance. Ideally, we would want one social ontology of roles (Anderson, 2018), providing us with the building blocks for a semantics of *committee* (collective role), as well as *chair* (individual role). And hopefully such an ontology can also clarify how such roles relate (conceptually or metaphorically) to spatial regions and positions in such a way that we can have a unified semantics of collective nouns.

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