

pluralities), which are respectively supplied by the DP in the restrictor and by the maximal sum obtained by applying the maximality operator to the scope. Given this analysis, (2)b is true iff the condition in (7) is satisfied (because we are in a count domain, the measure function μ is the cardinality function):

$$(7) \quad \mu([\text{the boys}] \cap \sigma X.\text{come-together}(X)) > \mu([\text{the boys}] - ([\text{the boys}] \cap \sigma X.\text{come-together}(X)))$$

The computation required by (7) is legitimate because in this case meet applies to two pluralities (type e) rather than to two join semi-lattices (type $\langle e, t \rangle$).

When built with non-collective predicates, the entity-quantificational MOST also allows distributive readings, in particular with distributive predicates (*hard-working*, *tired*, etc.) or with ‘mixed’ predicates in those contexts that make it clear that a distributive reading is intended:

$$(8) \quad \text{a. Most of my students are hard-working/tired.} \quad \text{b. Most of the architects designed a school.}$$

The distributive reading of these examples can be analyzed as relying on the predicates in the nuclear scope functioning as pluralized atom predicates. More concretely, (8)a-b are true iff (9)a-b are true:

$$(9) \quad \text{a. } \mu([\text{my stud's}] \cap \sigma x.*h\text{-working}(x)) > \mu([\text{my stud's}] - [[\text{my stud's}] \cap \sigma x.*h\text{-working}(x)])$$

$$\text{b. } \mu([\text{the architects}] \cap \sigma x.*\text{designed}(x)) > \mu([\text{the architects}] - [[\text{the architects}] \cap \sigma x.*\text{design}(x)])$$

Because **hard-working* is a pluralized atomic predicate, any sum of individuals that satisfies **hard-working* contains atomic individuals each of which is hard-working, which explains the distributive interpretation. A possible alternative would be to analyze distributive readings as relying on type-shifting the plural entity in the restrictor to the corresponding set of atoms and letting Q function as a set-quantifier (van der Does 93, a.o.). The data discussed in §4 below seem to favor the entity-quantificational analysis of the distributive readings of partitive *most*.

In sum, the proposal made here extends the Roeper-Lønning-Higginbotham analysis of mass quantifiers to collective quantifiers. But unlike Higginbotham, I crucially assume that the e-type denotation of the restrictor must be syntactically given as such, it cannot be obtained from a set-denoting restrictor via applying a default sigma-operator. If this were allowed, the contrasts examined here would not be accounted for. But it is precisely these contrasts that provide strong linguistic evidence in favor of the entity-quantificational analysis of the collective reading of *most*.

4. Scope. Kriz & Viola (13) have observed that the scope of *all* and *most* is not clause-bounded (more constraints will be discussed in the talk), which patterns with indefinites rather than with *each/every*: *If most of these girls make a mistake, they recover quickly* vs *#If every girl in this group makes a mistake, she/ they recover(s) quickly*. Note however that Kriz & Viola’s examples are built with partitive *most/all*. Non-partitive *most* appears to behave on a par with *every/each*: *#If most girls in this group make a mistake, they recover quickly* [these judgments have been experimentally confirmed]. Under the proposal made here the difference between partitive and non-partitive Qs can be explained along the following lines: the scope of set quantifiers (*every*, *each*, set-restrictor *most*, i.e., non-partitive *most*) is clause-bound, whereas the scope of entity quantifiers (e.g., partitive *most* and *all*) is not.

Selected References. Crnic, L. (09). On the (non-) cumulativity of cumulative quantifiers. *SuB* 14; Hackl, M. (09). On the grammar and processing of proportional quantifiers: Most versus more than half. *NLS* 17(1); Higginbotham, J. (94). Mass and count quantifiers. *L&P* 17; Farkas & de Swart (07). Article choice in plural generics, *Lingua*, 117/9; Kriz, M. & V. Schmitt (13) Quantifiers and Pluralities, UCLA seminar presentation. Lønning, J.T. (87) Mass terms and quantification. *L&P* 10; Matthewson, L. (01). Quantification and the nature of crosslinguistic variation. *NLS*, 9(2), 145-189. Roberts, C. (87) Modal Subordination, Anaphora and Distributivity, Ph.D. dissertation, Amherst. Szabolcsi & Zwarts 93. Weak islands and an algebraic semantics for scope taking. *NLS* 1(3); van der Does, J. (1993). Sums and quantifiers. *L&P*, 16:509–550. Winter, Yoad. 2002. Atoms and sets: a characterization of semantic number. *LI* 33: 493-505.