Modified numerals and maximality

**Introduction**

Difference between distributive predicates and collective / cumulative meanings regarding the readings that they can have with modified numerals such as « less than X ». Do we need two different lexical entries for modified numerals ?

**Background**

Bare numerals

Predicative: Numerals as predicates of pluralities according to their atomic composition.

Non-predicative: Intersect with other predicates

Modified numerals

a. Existential entailment problem

b. Van Benthem’s problem