

Abstract: A vocabulary is a list of words designating subsets of points from a grand set X . We model a vocabulary as a partition of X and study the aggregation of individual vocabularies into a collective one. We characterize aggregation rules when X is linearly ordered and each partition is formed by order intervals. Notably, we allow for individual vocabularies to differ both in the number and in the extension of their words. Under a suitable restriction on agents' preferences, we show that our aggregation rules are strategy-proof.