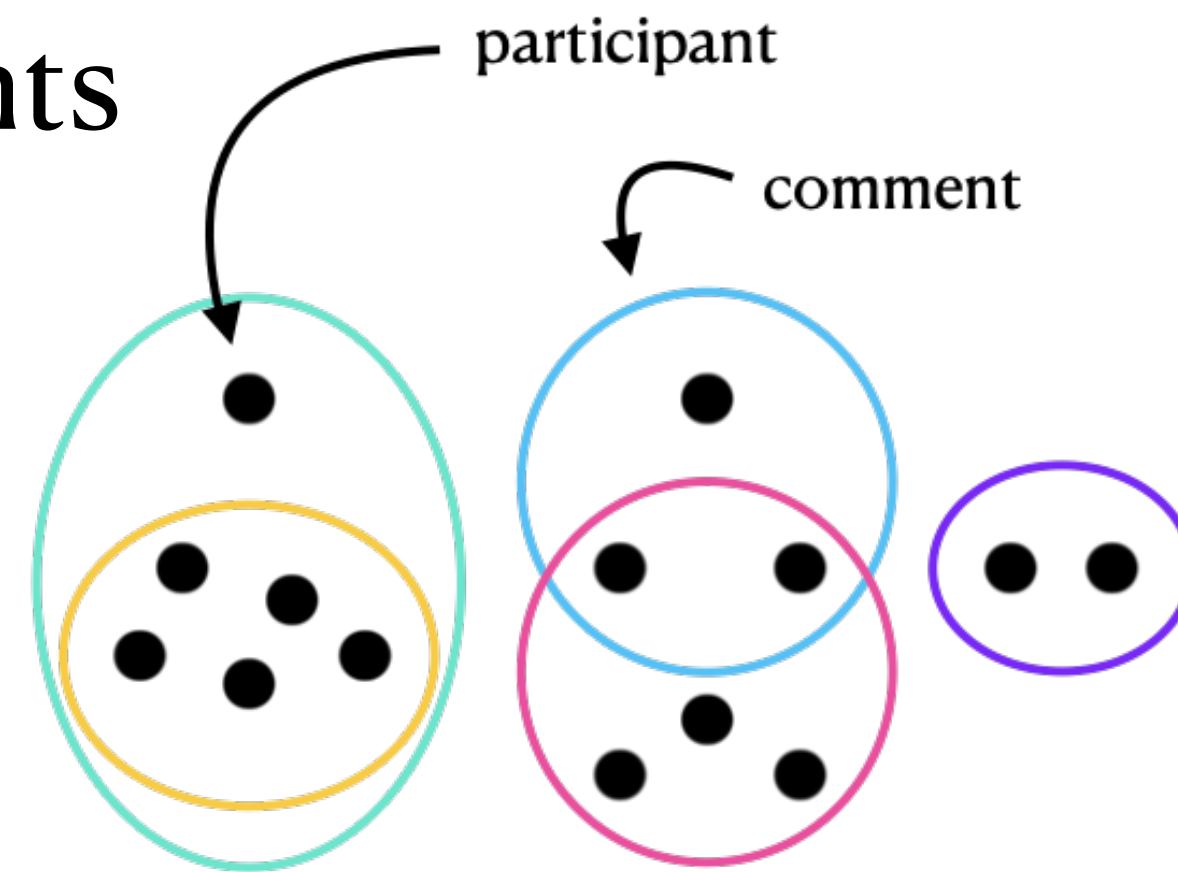


Algorithmic support for large-scale deliberation

1. We want to select comments based on agreements and disagreements

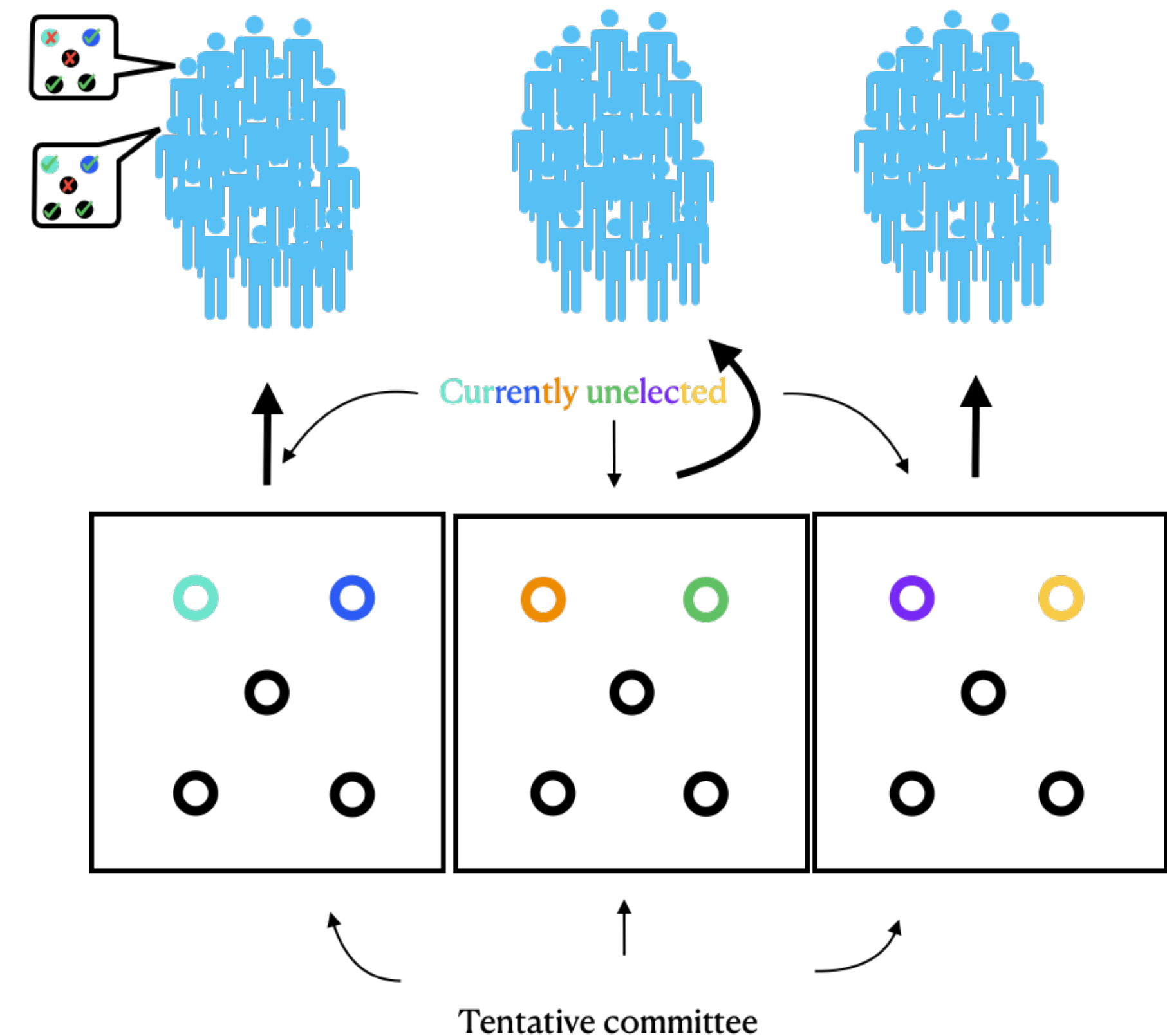
- Voter set V
- Candidate set C
- Approval profile $A : V \rightarrow \mathcal{P}(C)$
- Committee size k :
 \longrightarrow Elect $W \subset C, |W| = k$



4. But we have incomplete information, so..

In our algorithm

1. We query voters
2. We make estimations



2. Our objective is to find a maximal cover

e.g. if $k = 3$, $W = (\text{ } \text{ } \text{ })$ is optimal

3. We do this using a local search algorithm

