

The Future of Computational Social Choice

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New Research Directions

- Methodologies:
 - Don't discard axiomatics and complexity analysis, but also look for new directions. Statistical methods clearly on the rise.
 - Personal favourite: logic and automated reasoning
- Domains of aggregation:
 - Initially, COMSOC was almost exclusively about voting.
 - Now fair division is well established.
 - And: COMSOC and Matching communities moving closer.
 - JA may be the clearest example of a new-ish development.
 - We want more of this: aggregation is everywhere.
- Applications:
 - Look for CS-specific applications of aggregation theory.
 - Personal favourite: crowdsourcing

Strategy

- Engage with neighbouring communities:
 - Social Choice and Welfare
 - Electronic Voting
 - ...
- Publish broadly:
 - keep up AI/TCS
 - intensify Economics
 - try to reach Applied Maths, PolSci, Philosophy, ...
- Keep the field open:
 - no “this is not computational” reviews, please
 - but also: explain *why* your paper is relevant to the chosen publication venue (to avoid “this is not AI” reviews)