

[Tradeoffs in Electronic E2E Voting Systems]



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[E2E System Tradeoffs]

- Accessibility
- Usability
- Public Adoption
- Write-Ins

[Accessibility]

- Electronic systems have the potential for accessibility
- Paper based systems suffer from traditional issues with accessibility and paper
- In general, E2E systems are not very accessible

[Usability]

- E2E systems in general are challenged with usability issues
 - How many seniors, low income or high school drop outs have used E2E systems in studies?
- Electronic and Paper based systems are equally challenged here
 - No advantage on either side

[Public Adoption]

- All E2E systems suffer from public adoption issues
 - Try explaining E2E to a non-technical group
- Paper may have a slight advantage here because of it's tangible nature and familiar interface

[Write-Ins]

- Can voters easily write-in a candidate's name and verify it?
 - I don't know if either has an advantage here, but this is a really good question

[Summary]

- Electronic E2E systems have an advantage for accessibility
- Electronic E2E systems may have a slight advantage for usability
- Paper based systems may have an advantage in public adoption

[Summary]

- With respect to accessibility, usability and public adoption MUCH research is needed
- Several prototypes have been developed
 - The technology is not the issue
- E2E systems provide awesome properties, but if they are not usable, then what good are they?



Thank You

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