

REFERENCES AND SUGGESTIONS FOR FURTHER READING AND WATCHING

I. Explanations of how voting methods work

Keith Devlin walks through the basics: "The Perplexing Mathematics of Presidential Elections," https://www.maa.org/external_archive/devlin/devlin_11_00.html

Brian Olson, "Voting and Election Reform," <http://bolson.org/voting>

Nicolaus Tideman, *Collective Decisions and Voting: The potential for public choice*. Burlington VT: Ashgate, 2006.

"MPR [Minnesota Public Radio] News: Instant Runoff Voting Explained," https://www.youtube.com/watch?v=_5SLQXNpzsk

MPR News: "How Instant Runoff Voting works 2.0: Multiple winners," [called STV or Single Transferrable Vote] <https://www.youtube.com/watch?v=INxwMdI8OWw>

Wikipedia selected articles:

Voting System	Plurality Voting	Approval Voting
Range [Score] Voting	Ranked Voting Systems	Cardinal Voting Systems
Cumulative Voting	Single Transferable Vote	Strategic Voting
Borda Count	Instant-Runoff Voting	Arrow's Impossibility Theorem

"Voting Systems" section of the Open Directory Project, http://www.dmoz.org/Society/Politics/Campaigns_and_Elections/Voting_Systems/

II. Political/Polemical Arguments, pro and con

Note: Each website listed has a multitude of pages and links

Approval Voting

Supporting AV:

Frank Attwood (Colorado advocate), website for Approval Voting USA, <http://approvalvotingusa.org.securegateway.net/>

2013 Bill in Colorado Legislature <http://www.billtrack50.com/BillDetail/307026>

2014 Bill in Colorado Legislature http://www.leg.state.co.us/clics/clics2014a/csl.nsf/fsbillcont/9439F35A80CF636987257C300006CAB1?Open&file=1062_01.pdf

Supporting AV and showing problems with other methods:

Center for Election Science: <http://www.electology.org/> many pages, including "Approval Voting Tactics," <http://www.electology.org/#!approval-voting-tactics/cc80>

Clay Shentrup, Co-founder Center for Election Science, "Evaluation of Voting Methods, Theory and Practice," https://www.youtube.com/watch?v=HyBm_Hcu4DI&feature=youtu.be

Guy Ottewell, "The Arithmetic of Voting," (1968, pub. 1977, 1987), <http://www.universalworkshop.com/ARVOfull.htm>

Problems with Approval Voting

“Why Approval Voting is Unworkable in Contested Elections and How the Borda Count, Score Voting, Range Voting and Bucklin Voting are Similarly Flawed Due to Vulnerability to Strategic Voting,” an Analysis by FairVote, July 2011, <http://www.fairvote.org/research-and-analysis/blog/why-approval-voting-is-unworkable-in-contested-elections/>

Score/Range Voting

Supporting Score Voting and showing problems with other methods:

The Center for Range Voting: <http://rangevoting.org/>

William Poundstone, Gaming the Vote: Why elections aren't fair (and what we can do about it). New York: Hill and Wang, 2008.

Warren D. Smith, “Range Voting: The Best Way to Select a Leader?” (2006, for MIT alumni publication) <http://rangevoting.org/SmithWM.html>

Warren D. Smith, “Bayesian Regret for Dummies,” <http://rangevoting.org/BayRegDum.html> (the "Bayesian regret" of a voting method is the "expected avoidable human unhappiness" it causes, expressed numerically for comparison among methods)

Center for Range Voting, Jan Kok and Warren D. Smith, cofounders in 2005: <http://rangevoting.org> (duplicated at <http://scorevoting.net/RangeVoting.html>)

“Duopoly must go: An Appeal for Score Voting,” by Andrew Jennings, Clay Shentrup, Warren D. Smith, July 18, 2012, <http://asitoughttobe.com/2010/07/18/score-voting/>

“Range Voting versus other systems: Summary Chart of voting system properties,” <http://www.rangevoting.org/CompChart.html>

“Papers and books related to score voting” (list), <http://scorevoting.net/RVPapers.html>

Problems with Score Voting

The Problem With Range Voting and Averaging Candidate Scores, <http://archive.fairvote.org/rangevoting.pdf>

Instant Runoff Voting (Ranked Choice)

Supporting IRV and showing problems with other methods:

FairVote: The Center for Voting and Democracy, <http://www.fairvote.org/>

Problems with IRV:

Louis Bergeron, “Ranked-Choice Voting: Does the Math Add Up?” *Futurity*, November 9, 2011, <http://www.futurity.org/society-culture/ranked-choice-voting-does-the-math-add-up/>

“IRV: Every Vote Counts” (bus video, demonstrates non-monotonicity; the title is sarcastic), 7 mins., <http://www.youtube.com/watch?v=fOwDyGCaOFM&feature=related>

“Instant Runoff Voting: Facts vs Fiction,” <http://www.instantrunoffvoting.us/>

Keith Devlin, “Potential for odd outcomes in San Francisco mayoral election with ranked-choice voting system, says Stanford mathematician,” <http://news.stanford.edu/news/2011/november/devlin-ranked-voting-110711.html>

“Instant Runoff Voting—Voting Civil Rights” - video, 9 mins: lack of understanding greater in SF among non-native English speakers, less educated voters, and racial minorities, <http://www.youtube.com/watch?v=qvwXzQyGgQM&feature=channel>

Problems with IRV in Burlington, Vermont 2009: <http://rangevoting.org/Burlington.html>

Aspen, Colorado, IRV in 2009

“Aspen Voter Turnout Breaks Record” <http://www.aspentimes.com/article/20090506/NEWS/905069969/1077&ParentProfile=1058>

“Aspen’s May Election Under Review” <http://www.aspentimes.com/article/20090727/NEWS/907279983/1058>

“Instant Runoff Voting Loses by Razor-Thin Margin” <http://www.aspendailynews.com/section/home/137464>

“City Voters Repeal IRV” <http://www.aspendailynews.com/section/home/143505>

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