

## An Assortment of Voting Methods (for single winner)

**Plurality** - Each voter votes for their favorite candidate. The candidate with the most votes wins. (Used in most US elections.)

**Top-two Runoff** - First, each voter votes for their preferred candidate. We select the two candidates with the most votes, and we have a second round only with them. The candidate among the two with the most votes wins. (Used in France.)

**Instant Runoff Voting (IRV)** - Each voter votes for their favorite candidate. The candidate with the least votes is eliminated. Repeat until there is only one candidate left. (Used in Australia.)

**Borda Count** - If there are  $N$  candidates, each voter assigns  $N$  points to their preferred candidate,  $N - 1$  votes to their second preferred candidate, and so on, to 1 point for their least-preferred candidate. The candidate with the most points wins. (Used at some US universities for student and faculty assemblies:  
[en.wikipedia.org/wiki/Borda\\_count#Political\\_uses](http://en.wikipedia.org/wiki/Borda_count#Political_uses))

**Approval** - Each voter votes for as many candidates as they want, giving one point to each. The candidate with the most points wins. ([en.wikipedia.org/wiki/Approval\\_voting#Usage](http://en.wikipedia.org/wiki/Approval_voting#Usage))

**Score** - Each voter assigns any number of points in a given range (often 0 to 2) to each candidate. The candidate with the most points wins. (Note that Approval is the simplest case of Score.)

**Condorcet** - Each voter submits a preference list of their candidates. If there is a candidate who would beat any other candidate in a head-to-head race, that candidate is the winner. Otherwise, select the winner by some other means. (This is actually an entire family of voting methods that satisfy the criterion of "electing the Condorcet winner".)

**Survivor** - Each voter votes for their *least* favorite candidate. The candidate with the most votes is eliminated. Repeat until there is only one candidate left. (Used in reality TV show *Survivor*.)

**Random** - Each voter votes for their favorite candidate. One is drawn at random and is the winner.

Find out more about different voting methods at <http://ncase.me/ballot/>