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range voting

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Defines	two-digit range voting

Range voting is a single-winner voting system in which each vote consists of one numerical score from 0 to U awarded to each candidate, where U is some positive number. In *single-digit range voting* U is 9, while *two-digit range voting* has $U=99$. (One could also consider permitting the interval to be, e.g. $[-10, 10]$.) The candidate with the highest average score wins. In a common variant, “X” scores also are permitted for candidates (meaning: “I wish to express no opinion about this candidate”). For example (46,0,32,99) could be one vote in a 4-candidate two-digit range voting election; advise 99/0 for best/worst.

Approval voting [?] is the degenerate form of range voting in which there are only two allowed scores: 0 and 1.

References

- [1] S.J. Brams & P. Fishburn: Approval voting, Birkhauser 1983.