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301 Platt Blvd, Claremont, CA 91106. *Changing Notions of Agreeability in Voting.*

We examine results of the following type: given a certain notion of ‘agreeability’ of pairs or groups of voters, what can be said about the popularity of the most popular candidate? Must some candidate be ‘electable’? Such questions quickly lead to natural questions about intersections of sets and their resulting intersection graphs. The literature (on interval graphs, Turan graphs, tolerance graphs) contain theorems that have interesting interpretations for voting, and the voting interpretation suggests new mathematical questions. We survey some recent results, tracing the evolution of the concept of agreeability. (Received September 20, 2011)