A STRATEGY-PROOFNESS CHARACTERIZATION OF
GENERALIZED WEIGHTED VOTING
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Majority rule is the only non-dictatorial and strategy-proof social choice rule on the domain of profiles at which a strong Condorcet winner exists. *Any* social welfare function f induces a social choice function g as follows: If at profile p in the domain of f there is a feasible alternative x that is strictly greater than every other feasible alternative according to f(p) then we set g(p) = x. The domain D(f) of the induced social choice rule g is the set of all such profiles p, whether or not f(p) is acyclic. We characterize the family of social welfare functions f that induce a social choice rule that is strategy-proof on D(f).