Indifference-Transitive Aggregation Rule *

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Abstract

A binary relation is indifference-transitive if its symmetric part satisfies transitivity axiom. We provide a characterization of an acyclic and indifference-transitive aggregation rule satisfying independent of irrelevant alternatives and unanimity: For any acyclic and indifference-transitive aggregation rule, there exist a unique vetoer and a tie-making group, which is a unique generator of social indifference. Conversely, for any individual h and group B, there exists an acyclic and indifference-transitive aggregation rule in which h is a unique vetoer and B is a tie-making group.

Keywords: indifference-transitivity, acyclic aggregation rule, vetoer, tie-making group

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