Associative Joint Receipts
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This paper examines the assumption that the joint receipt of alternatives together with a preference order and the status quo as an identity forms an Archimedean ordered group. This model agrees with earlier work (Luce & Fishburn, 1991, 1995) for gains and losses separately, but forces a somewhat different representation of mixed joint receipts. That, in turn, leads either to a somewhat different representation from that of prospect theory for gambles with mixed consequences or to replacing the empirically supported linking property of duplex decomposition by a modified property. This model accommodates Thaler's (1985) data better than did the earlier model. Issues of empirical testing are discussed.