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Jim Gatheral* (jim_gatheral@m1.com), New York, NY. *No Price Manipulation and the Decay of Market Impact.*

Starting from an expression for the price process that generalizes previous work, we formulate a no-price-manipulation principle analogous to that of Huberman and Stanzl. We show that this principle imposes a relationship between the shape of the market impact function and the decay of temporary market impact. We review some conventional market impact models and explore some implications of no-price-manipulation. (Received August 31, 2009)