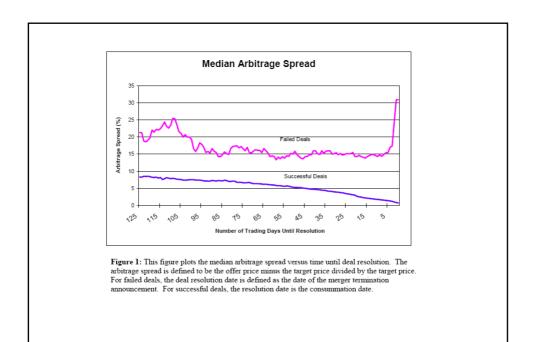
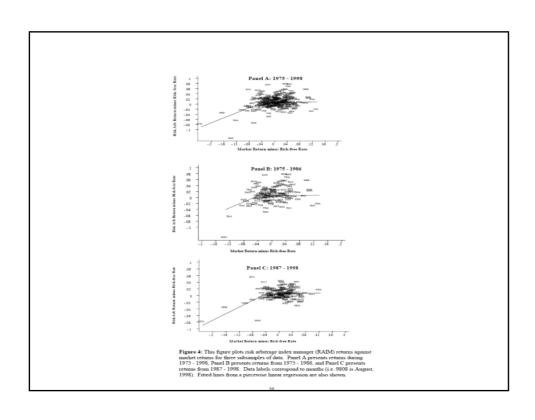
Risk in Risk Arbitrage

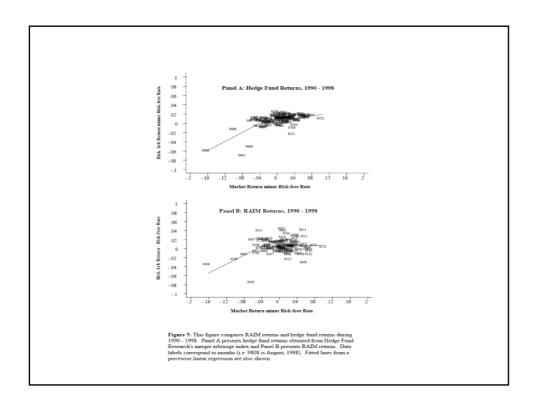
by Mark Mitchell Todd Pulvino

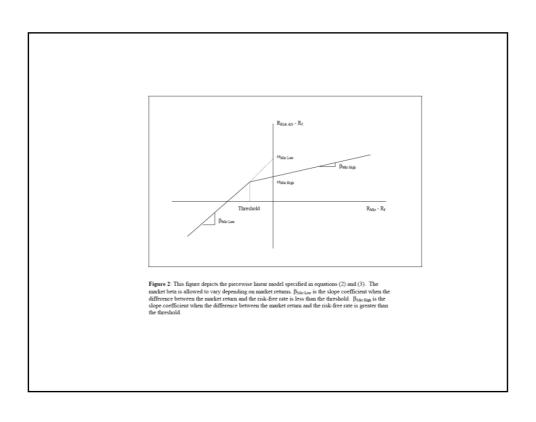
Introduction

- Sample size: 4750 stock swap mergers, cash mergers, & cash tender offers between 1963-1998
- Out-of-sample comparison with risk/return of active risk arbitrage hedge funds between 1990-1998









Findings

- Risk arbitrage returns are positively correlated with market returns in severely depreciating markets
- Returns uncorrelated with market returns in flat & appreciating markets
- Risk arbitrage returns are similar to returns obtained buy selling uncovered index put options
- After controlling non-linear return profile and transaction costs, risk arbitrage excess returns 4% per year