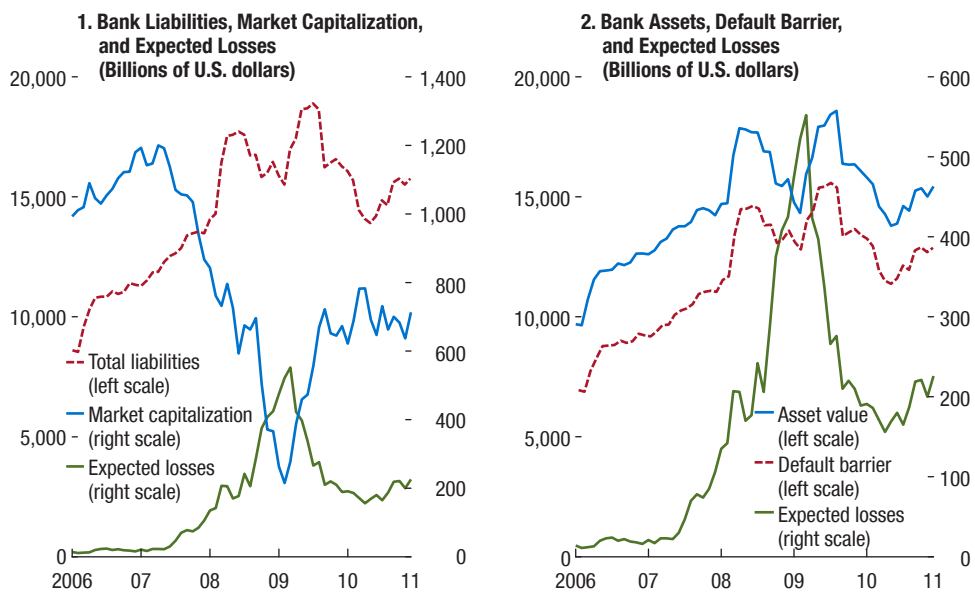


**Figure 2.1.2. Contingent Claims Analysis Simulations of Implicit Shadow Banking Puts**



Sources: Moody's CreditEdge; and IMF staff estimates.

Note: Data represent aggregates for Citibank, JPMorgan Chase & Co., Bank of America, Deutsche Bank, Credit Suisse, UBS, Barclays, and Royal Bank of Scotland. Total liabilities comprise debt and deposits. Expected losses are the sum of the implicit puts. Asset value equals equity and risky debt, which is measured as the default-free value of debt minus the expected loss from possible default. Default barrier is the default-free value of debt and deposits, estimated to be short term, plus one-half of long-term debt in the Moody's framework.