Figure 16. Emerging Market Debt Cross-Correlation Measures ___ 0.7 Average Cross-Correlations, 2002-091 0.4 2002 07 08 03 04 05 06 - 0.7 Average Regional Cross-Correlations, 2002-092 0.6 Latin America Emerging Europe, Middle East, and Africa Overall 2002 03 08 **—** 0.7 Average Cross-Correlations, 2007-091 **—** 0.6 **—** 0.5 0.4 **—** 0.3 $4_{0.2}$ **—** 0.1 2007 09 **—** 0.7 Average Regional Cross-Correlations, 2007-092 0.6 Emerging Europe, Middle East, and Africa Latin America 0 2007 80 09

Sources: JPMorgan Chase & Co.; and IMF staff estimates.

¹Thirty-day moving simple average across all pair-wise return correlations of 20 constituents included in the EMBI Global.

²Simple average of all pair-wise correlations of all markets in a given region with all other bond markets, regardless of region.