Agénor, P., 231	Cardoso, Fernando Henrique, 166, 260
Alesina, A., 236–37, 241, 249	Carneiro, D. D., 83
Alexius, A., 98	Cash-flow-at-risk (CfaR) model, 159–61
Annual borrowing plans (PAF), 159–61	Chang, R., 236
Araujo, A., 234	Chávez, Hugo, 260
Argentina, economic crisis in, 5–6, 19, 30,	Chile, 274, 276
227, 228-29, 231-33, 249, 259, 260-63,	Choleski decomposition, 171, 179
267, 296	Claessens, S., 231
Arida, P., 295	Cole, H., 233–34
Artificial debt term lengthening, 281–83	Colombia, 276
Asset and liability management (ALM)	Colosio, Luis Donaldo, 233
analysis, 159	Commodities and Futures Exchange
Aversion, risk, 61–62, 75–76, 168	(BM&F), 24
	Composition, debt
Baa spread, 63-65, 90-91, 154	demand shocks and, 134-35
Bacha, E. L., 295	EMBI shocks and, 137-38
Balance of payments, 34-38, 46, 288	forecasting regressions for estimating,
Belaish, A., 17	139–43
Bernanke, B., 23	optimal, 126–27, 129–30, 199–200
Bevilaqua, A. S., 127, 132, 166	structural model for estimating, 129-39
Blanchard, O., 288	supply shocks and, 135–37
Blanco Cosio, F. A., 127	Compulsory savings, 283–84
Bonds	Consumer prices and exchange rates, 7–8,
expected return differentials on, 127-28	17–18
fixed-rate, 136-37, 138-39, 145-46	Contagion
price-indexed, 132-33, 143-44	determining sovereign spreads and, 236-
Boschi, M., 231	41
Budget-at-risk (BarR) model, 159-61	empirical evidence of, 231–33
Budget Guidelines Law, 195	policy adaptation, market learning, and
Budgets	IMF intervention in, 243-49, 262-63
inflation targeting and, 213-17	sovereign spread and political risk and,
short- vs. long-run objectives, 202	241–43
structures, 200–202	theoretical literature on, 233–36
	Convertibility restrictions, 280–81, 290
Calvo, Guillermo, 86-87, 227, 239	Corsetti, G., 234
Capital flows, 288	Cost-at-risk (CaR) model, 159–61
relation estimation, 66–71	Country risk, 97–101, 109–13, 227–28,
trade balance and, 53–55	272–74

Credit, long-term, 268–74 Emerging Market Bond Index (EMBI artificial debt term lengthening and, 281spread), 62-66 computation of, 151-54 debt sustainability and, 177-78 Debt effect on interest rates, 85-86 composition estimation, 129-43 effect on public debt servicing, 86-89 demand shocks and, 134-35, 149-51 fiscal policy and, 99-100 denomination and indexation, 121-26, inflation targeting and, 97-101 141 - 42international factors affecting, 86–87 dynamics, 55-59, 81-83, 164-65, 170monetary policy and, 90-93, 98-99 risk premium and, 90-97 shocks, 137-38, 146-51 EMBI spread effect on, 86–89 fiscal policy and, 4-6, 43-44, 157-61 term premia on long-term interest rates, forecasting regressions for estimating 94 - 96composition of, 139-43 Engel, C., 35 global games and uniqueness of Enron, 227 equilibrium affecting, 234-35 Equilibrium, uniqueness of, 234–35 impulse responses to shocks and, 179-Exchange rates balance of payments and, 34-38, 46 management, 43-44, 157-61 capital flows and, 53-55, 66-71 optimal structure of, 126-27, 129-30 consumer prices and, 6–13, 17–18 ratio stabilization, 118-21 convertibility restrictions on, 280-81 real exchange rate and, 6-13, 144-45 debt dynamics and, 55-59, 81-83 risk aversion and, 61-62 debt sustainability and, 173, 190 effects of interest rates on default risk risk management approach to sustainability of, 169-84 and real, 59-62 shock decomposition, 165–69 EMBI spread and, 62–66 sovereign, 164-69, 175-79, 227-30, 236equilibrium rates of return and, 52 inflation and, 68, 98-99 stocks, 164-65 intervention in foreign market, 24-28, structural model for estimating 144 - 45composition of, 129-39 probability of default and, 62–66 Sudden Stop equilibrium, 234, 240-41, public debt and, 6-13 241, 249-50, 260 risk premium, 96-97, 98-99 supply shocks and, 135-37, 149-51 targets, 20-24 sustainability (See Sustainability, debt) volatility, 273-74 term lengthening, artificial, 281–83 Expected return differentials, 127–28 Expenditure-switching and reducing uncertainty of returns on, 128–29 Default risk policies, 34–38 EMBI spread and, 62–66 interest rates and, 59-62, 74-76 Favero, C., 243, 245 relation estimation, 71-74 Fiscal policy De Freitas, P. S., 17 country risk and, 97-101, 109-13 Demand shocks, 134-35, 149-51 debt management and, 43-44, 157-61 Denomination and indexation, debt, 121– debt sustainability and, 196–98 26, 141–42 in Europe, 217 De Souza, A., 270 independent watchdogs and, 216, 223-Dornbusch, R., 36, 260 Double equilibrium hypothesis, 266-67 inflation targeting and, 99-101 institutional approach to, 213–17 Economic growth slowdowns, 28-34 rules applied to Brazil, 210-13 Eichengreen, B., 273, 274 Taylor rule for, 202-13

Fiscal Responsibility Law (Brazil), 11–12, Interest rates 194, 224 capital flows and, 53-55, 66-71 fiscal policy and debt sustainability, 196current interpretations of high, 266-68 debt dynamics and, 55-59, 81-83 main measures of, 194-96 debt sustainability and, 171–75 Fischer, S., 5 effects on default risk and real exchange Fixed-rate bonds, 136-37, 138-39, 145rates, 59-62, 74-76 EMBI spread effect on, 85–86 Forbes, K., 260 equilibrium rates of return and, 52 Forecasting regressions for debt historical perspective of, 295-97 composition estimation, 139-43 inflation and, 50-52 jurisdictional uncertainty effect on, 276-Foreign exchange market intervention, 24-28, 144-45 79, 286-90 country risk and, 97-101, 109-13 term premia on long-term, 94–96 Fraga, A., 20, 21 International influence on Brazil's Freund, C., 12 economy Friedman, Milton, 36 the Argentine crisis and, 5-6, 19, 30, 227, 228-29, 231-33, 249, 259, 260-63 Garcia, M. G. P., 132, 166 country risk and, 97-101, 109-13, 227-28, Ghosal, S., 234 272 - 74Giavazzi, F., 243, 245 foreign investment and, 24-28, 144-45 Global games, 234–35 global games and, 234-35 Goldfajn, I., 11, 12, 17, 20, 21, 36, 117, 193, IMF intervention and, 243–49 197, 227 jurisdictional uncertainty and, 268-74 Goldstein, M., 193, 197 self-fulfilling crises and, 233-34, 235-36 Goretti, M., 231, 250 sovereign spreads and, 175–79, 227–30 International Monetary Fund, 243-48, Guimares, B., 234 262 - 63Hausmann, R., 273, 274 Intertemporal constraint and debt Herrera, S., 127 sustainability, 200-202 Interventions, policy Impulse responses to shocks, 179-84 artificial debt term lengthening, 281–83 Incomeless taxes, 284-86 compulsory savings, 283-84 Independent watchdog committees, 216, convertibility restriction, 280-81 223 - 24incomeless taxes, 284-86 Indexation, debt denomination and, 121possible outcomes of, 290-91 26, 141–42 Investment, private, 274–75 India, 274 Israel, 274 Inflation Izquierdo, A., 227 country risk and, 97–101, 109–13 debt sustainability and, 189 Jeanne, O., 273 exchange rates and, 68, 98-99 Junk bonds, US, 227 expected return differentials and, 127-Jurisdictional uncertainty 28 impact on private savings and fiscal policy and, 99-101 investment, 274-75 interest rates and, 276-79, 286-90 interest rates and, 50-52 monetary policy and, 16-20, 45, 76-79, long-term credit and, 268-72 81-83, 93, 98-99, 99-101 policy interventions for, 279-86 targeting, 20-24, 49-50, 97-100, 198, 213possible intervention outcomes of, 290-17, 286-87 Institutional approach to fiscal policy, price level and exchange rate volatility 213 - 17and, 272-74

Kehoe, T., 233-34 Other cost and capital expenditures Keynes, J. M., 270 (OCC), Brazil, 14–16 Kim, Jung Yeon, 231 Output-capital ratios, 28-34 Kiyotaki, N., 275 Paniza, U., 274 Lamounier, B., 270 Pinheiro, Armando Castelar, 296 Lara-Resende, A., 295 Politics Laubach, T., 23 debt sustainability and, 200-202, 260 Leon, M., 234 the election of Lula da Silva and, 228-30, Local currency pricing (LCP), 34–35 Loyo E., 50 global games and, 235-36 policy adaptation, market learning, and Lula da Silva, Luiz Inacio, 49, 73, 104, 241, IMF intervention and, 243-49, 262-63 250, 259, 296 first year in office of, 193–94 self-fulfilling crises and, 233–34, 235–36, policy adaptation by, 243-49 popularity of, 228-30 sovereign spread and, 241-49 Lyons, R., 260 Posen, A. S., 23 Prati. A., 236-37 Premium, risk, 7-9, 90-97, 98-99 Masson, P., 231 Price-indexed bonds, 132-33, 143-44 McCallum, B. T., 98, 99 Mexico, 233-34, 277 Private savings and investment, 274-75 Miller, M., 231, 234, 259, 260 Producer currency pricing (PCP), 35 Minella, A., 17, 20, 21 Public sector borrowing requirements Minimization, risk, 117-26 (PSBR), 164-65 Mishkin, F. S., 23, 45 Missale, A., 131 Rates of return, equilibrium, 52 Modigliani, F., 271 Ratio stabilization, debt, 118–21 Monetary policy, 16-20, 45, 76-79, 81-83, Rigobon, R., 260 country risk and, 97-101, 109-13 aversion, 61-62, 75-76, 168 and government adherence to Taylor rule budget-at-, 159-61 for fiscal policy, 204-207 cash-flow-at-, 159-61 high interest rates and, 266-68 cost-at-, 159-61 inflation targeting and, 98-99, 99-101 default, 59-62, 71-74 exchange rate, 96-97, 144-45 Moore, J., 275 Morris, S., 234 jurisdictional uncertainty and, 272-74 Morris-Shin model, 234–35 management of debt sustainability, 169-Muinhos, M. K., 17 Mussa, M., 34 minimization, 117-26 premium, 7-9, 90-97, 98-99 National Association of Investment Roubini, N., 234 and Development Banks (ANBID), Sachs, J., 233, 239, 240 National Confederation of Industry (CNI), Sargent, T., 50, 89, 104 34, 36 North, D., 271 compulsory, 283-84 private, 274-75 Obstfeld, M., 35, 239 Schmuckler, S., 260 Offshore credit, 268-74 Self-fulfilling crises, 233–34, 235–36, 259 Olivares, G., 36 Shin, H. S., 234 Shocks, 135-37, 149-51 Optimal debt composition, 126–27, 129–

impulse responses to, 179-84

30, 199-200

Simonsen, M. H., 277 Sovereign spreads, 164-69, 175-79, 227-30 determining, 236-41 policy adaptation, market learning, and IMF intervention in, 243–49 political risk and, 241-43 Structural model for debt composition estimation, 129-39 Sudden Stop, 234, 240-41, 241, 249-50, 260 Supply shocks, 135–37, 149–51 Surpluses, primary, 13-16 EMBI spread and, 86-89 risk factors and, 90-93 Sustainability, debt budget structures and, 200-202 defining, 199-200 fiscal policy and, 196-98 guaranteeing, 197-98 intertemporal constraint and, 200-202 measuring, 163-64, 189-91 necessary conditions for credible, 198-99 political control and, 200-202, 260 risk management approach to, 169-84 sovereign debt data and, 164-69 sovereign spreads and, 175-79 Taylor rule for fiscal policy in, 208–10 Sutch, R., 271 198, 213-17, 286-87

Valdés, R. O., 12 Velasco, A., 36, 233, 239, 240 Vines, D., 231

Wallace, N., 50, 89, 104 Weber, A., 231 Werlang, S. R. da Costa, 18 Werneck, R. L. F., 127 Williamson, J., 229, 235, 236, 243, 245, 249 Woodford, M., 50 Wu, T., 83 Wyplosz, C., 213, 223

Zhang, L., 259, 260

Tabellini, G., 236–37 Talvi, E., 227 Targeting, inflation, 20-24, 49-50, 97-98, Taxes base erosion, 281 burden, 13-14, 38, 127, 284-86 incomeless, 284-86 Taylor, M. P., 231, 250 Taylor rule for fiscal policy applied to Brazil, 210–13 assessing, 213 debt sustainability and, 208–10 monetary policy and government adherence to, 204-207 principles of, 202-204 Term premia on long-term interest rates, 94 - 96Thampanishvong, K., 241, 259, 260 Tornell, A., 233, 239, 240

Uncertainty of debt returns, 128–29 Uniqueness of equilibrium, 234–35

Truman, E. M., 246