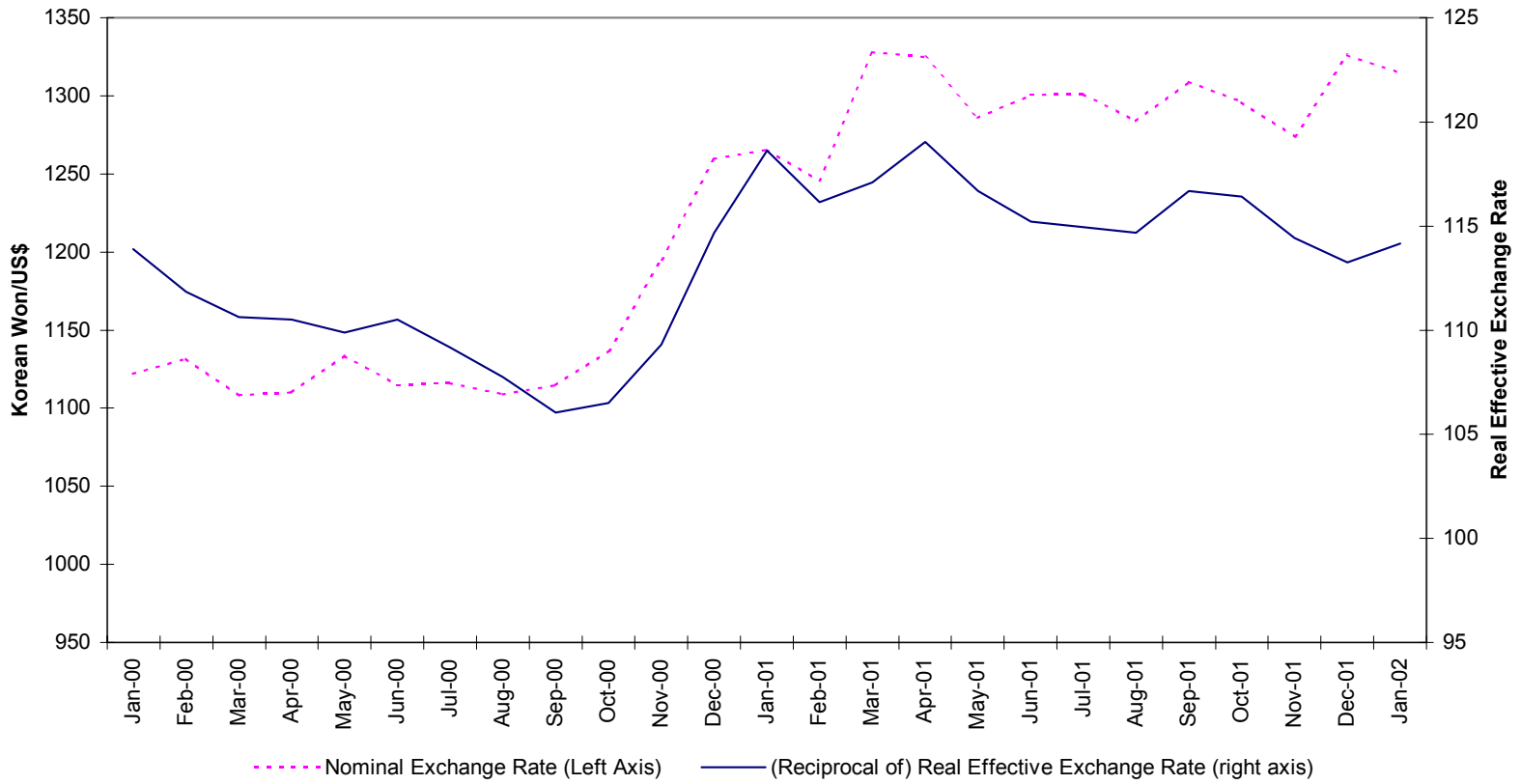


Figure 1
Korean Won, Nominal and Real Effective Exchange Rates



Source: DataStream.

Figure 2
Exchange Rate Flexibility and Tobin's q

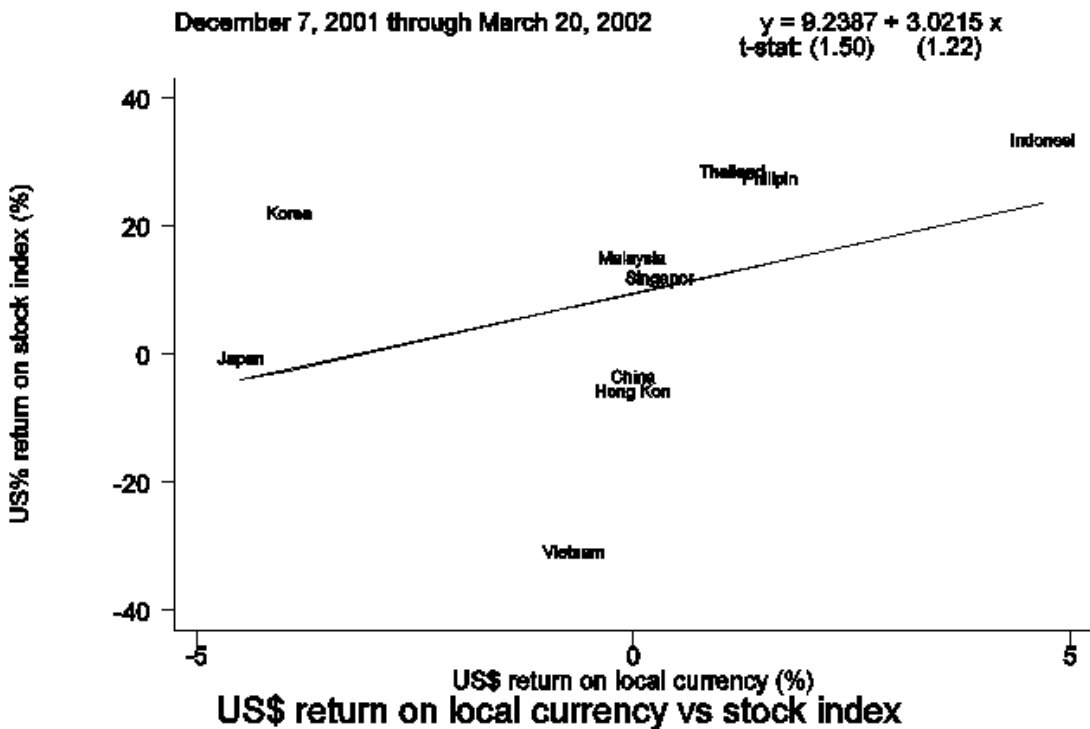
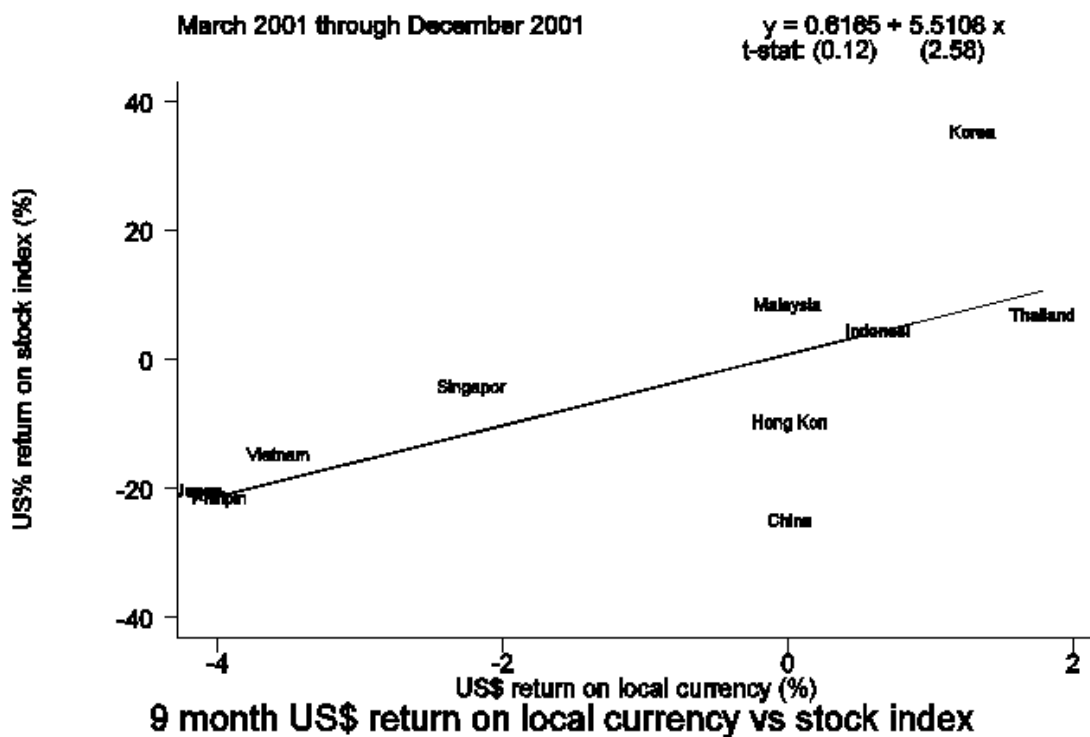


Table 1
GDP per capita, PPP (current international dollars)

	1995	1996	1997	1998	1999
Cambodia	1,286.78	1,360.11	1,346.98	1,303.47	1,360.72
China	2,681.39	2,940.46	3,154.45	3,342.06	3,617.49
Hong Kong	22,166.28	23,330.44	23,564.78	21,263.85	22,020.09
Indonesia	2,910.95	3,119.64	3,217.82	2,791.11	2,857.40
Japan	23,725.34	25,115.12	25,372.60	24,314.20	24,897.77
Korea	13,758.83	14,705.68	15,306.51	14,096.74	15,712.40
Laos	1,222.68	1,288.91	1,354.28	1,379.13	1,470.59
Malaysia	7,491.28	8,140.84	8,573.49	7,660.97	8,208.66
Philippines	3,633.24	3,758.81	3,871.46	3,706.44	3,805.06
Singapore	19,405.90	20,184.15	20,546.73	19,510.70	20,766.74
Thailand	6,259.91	6,714.93	6,575.10	5,847.50	6,132.31
Vietnam	1,507.42	1,640.46	1,711.82	1,763.01	1,860.02

Source: World Development Indicators 2001.

Table 2
Exports of Goods and Services as Percentage of GDP

	1995	1996	1997	1998	1999	2000
Cambodia	31.27	25.60	31.65	34.06	N/A	37.70
China	23.99	21.03	23.07	21.92	22.08	N/A
Hong Kong	149.40	142.14	132.50	129.00	133.25	150.00
Indonesia	26.31	25.82	27.86	51.16	34.89	38.50
Japan	9.39	9.93	11.05	11.10	10.37	10.80
Korea	30.20	29.50	34.73	49.37	42.09	45.00
Laos	23.22	22.70	24.19	37.01	34.40	N/A
Malaysia	94.09	91.58	93.29	115.24	121.66	125.70
Myanmar	1.19	0.97	0.57	0.44	N/A	N/A
Philippines	36.36	40.52	48.96	51.86	51.20	56.30
Singapore	177.20	170.45	N/A	N/A	N/A	N/A
Thailand	41.79	39.22	47.93	58.62	57.31	67.10
Vietnam	36.30	43.10	43.10	44.80	50.00	54.40

Source: World Development Indicators 2001 and IFS.

Table 3
PriceWaterhouseCoopers Opacity Index

	C	L	E	A	R	O-Factor
China	62	100	87	86	100	87
Japan	22	72	72	81	53	60
Korea	48	79	76	90	73	73
Indonesia	70	86	82	68	69	75
Singapore	13	32	42	38	23	29
Thailand	55	65	70	78	66	67

Notes: O refers to the composite O-Factor which is the simple average of the following:
 C refers to the impact of corrupt practices.
 L refers to the effect of legal and judicial opacity (including shareholder rights).
 E refers to economic/policy opacity.
 A refers to accounting/corporate governance opacity.
 R refers to the impact of regularity opacity and uncertainty/arbitrariness.

Source: PriceWaterhouseCoopers (2001).

Table 4
Intra-regional Trade Shares

		1990	1995	2000
ASEAN	Ratio 1	0.180	0.198	0.225
	Ratio 2	4.090	3.285	4.375
ASEAN+3	Ratio 1	0.140	0.180	0.180
	Ratio 2	0.902	0.935	1.132
APEC	Ratio 1	0.325	0.340	0.324
	Ratio 2	0.898	0.804	0.851
EU	Ratio 1	0.599	0.640	0.627
	Ratio 2	2.412	2.743	1.801
NAFTA	Ratio 1	0.192	0.209	0.237
	Ratio 2	1.074	1.149	1.069

Notes: Trade figures drawn from IMF *IFS Yearly Statistics*, and IMF *Direction of Trade Statistics*, <http://www.asiansec.org> and <http://strategis.gc.ca>.
Ratio 1 = Intra-regional trade / Total trade of the region.
Ratio 2 = Ratio 1 / (Total trade of the region / World trade).
Source: See text.

Table 5
Consolidated Foreign Claims of Reporting Banks on ASEAN+3 Countries
(In millions of US dollars)

	1996	1998	1999	2000	2001
Europe	902,138	822,080	1,228,132	1,139,635	1,321,181
Japan	676,414	471,480	353,974	302,014	344,717
United States	132,014	81,742	161,196	170,187	230,808

Notes: 1996-1999 figures are four times the average of Quarter 2 and Quarter 4 data.
2000 figures are the sum of the four actual quarterly data.
2001 figures are four times the average of the three quarterly data available.
Source: BIS Quarterly Review.

Table 6
IMF Classification of Exchange Arrangements

	1980	1990	2001
Australia	crawling peg	independently floating	independently floating
Cambodia	N/A	composite peg	managed floating
China	N/A	composite peg	US dollar peg
Hong Kong	floating	US dollar peg	US dollar peg
Indonesia	managed floating	managed floating	independently floating
Japan	independently floating	independently floating	independently floating
Korea	managed floating	managed floating	independently floating
Laos	US dollar peg	US dollar peg	managed floating
Malaysia	composite peg	managed floating	US dollar peg
Myanmar	N/A	N/A	SDR peg
New Zealand	crawling peg	independently floating	independently floating
Philippines	managed floating	independently floating	independently floating
Singapore	composite peg	composite peg	managed floating
Taiwan	managed floating	managed floating	N/A
Thailand	composite peg	composite peg	independently floating
Vietnam	composite peg	composite peg	peg within bands

Source: de Brouwer (2002b) and IMF's *Annual Report of Exchange Arrangements and Exchange Restrictions* (2001).

Table 7
Ratio of Standard Deviation of Exchange Rate to
Standard Deviation of Interest Rates and Reserves

	SD exchange rate/ SD reserves before the crisis	SD exchange rate/ SD interest rate before the crisis	SD exchange rate/ SD reserves after the crisis	SD exchange rate/ SD interest rate after the crisis
Australia	0.242	0.928	0.347	1.069
Chile	0.463	0.066	0.745	0.050
Germany	1.871	0.820	0.577	0.500
Hong Kong	0.020	0.007	0.001	0.002
Indonesia	0.194	0.058	0.339	0.302
Japan	1.304	0.338	1.153	0.025
Korea	0.294	0.137	1.310	0.750
Malaysia	0.295	0.072	0.010	0.005
Mexico	0.361	0.234	0.612	0.270
New Zealand	0.158	0.380	0.189	1.251
Philippines	0.078	0.037	0.135	0.133
Singapore	0.886	0.052	0.069	0.065
Taiwan	0.587	0.155	0.968	0.303
Thailand	0.130	0.016	0.820	0.099

Notes: Pre crisis data are from July 1995 to June 1997; post crisis data are from January 1998 to June 2001 depending on data availability.
Volatilities are found by computing the standard deviation of the monthly change of the corresponding period.
Nominal exchange rate data are from IFS monthly data.
Interest rates are money market rates except for the following:
Chile, New Zealand and Philippines interest rates - deposit rates.
Taiwan interest rate - interbank rate.

Source: Author's calculations.

Table 8
Components of Real Interest Differentials

Covered Interest Differential = $i - i_{US} - fd$										
Before crisis (1990 Q1 to 1997 Q2)										
	Australia	New Zealand	Hong Kong	Indonesia	Japan	Korea	Malaysia	Singapore	Taiwan	Thailand
Mean	0.432	0.186	0.137	2.016	0.562	7.932	1.203	-0.591	2.467	0.068
Standard Error	0.195	0.201	0.091	0.051	0.244	0.371	0.331	0.107	0.283	0.941
Median	0.498	0.228	0.154	2.030	0.342	7.701	1.435	-0.590	1.932	-0.141
Standard Deviation	1.070	1.099	0.500	0.102	1.336	1.741	1.816	0.585	1.359	2.661
Sample Variance	1.144	1.209	0.250	0.010	1.786	3.031	3.296	0.342	1.846	7.081
Kurtosis	-0.289	1.056	2.899	-0.076	0.580	-0.127	-0.544	-0.361	-0.987	0.741
Skewness	-0.404	-0.266	-0.253	-0.663	0.413	0.274	-0.404	0.123	0.376	-0.789
Range	4.178	5.226	2.730	0.237	6.088	6.939	6.625	2.207	4.465	8.208
Minimum	-1.891	-2.586	-1.371	1.884	-1.833	4.876	-2.709	-1.666	0.711	-5.007
Maximum	2.288	2.640	1.359	2.121	4.256	11.815	3.916	0.541	5.176	3.201
Sum	12.967	5.590	4.107	8.065	16.865	174.503	36.386	-17.715	56.957	0.548
Count	30	30	30	4	30	22	30	30	23	8
Confidence Level (95.0%)	0.399	0.411	0.187	0.162	0.499	0.772	0.678	0.218	0.588	2.225
After crisis (1998 Q1 to 2001 Q3)										
Mean	1.242	1.281	-1.227	12.115	0.287	-1.024	-3.377	0.344	0.399	-2.687
Standard Error	1.054	1.263	0.463	2.464	0.774	0.236	0.949	0.231	0.354	1.178
Median	0.506	1.096	-0.652	11.370	0.017	-1.108	-3.120	0.241	-0.083	-3.161
Standard Deviation	4.081	4.892	1.792	9.543	2.999	0.668	3.676	0.894	1.371	4.561
Sample Variance	16.656	23.928	3.213	91.067	8.991	0.447	13.513	0.800	1.879	20.798
Kurtosis	2.488	1.904	0.749	-0.535	1.118	2.859	3.962	2.251	-0.417	-0.206
Skewness	1.206	-0.512	-1.235	0.160	0.073	1.450	-1.304	0.863	0.188	0.621
Range	17.126	20.504	6.359	33.409	12.436	2.120	16.293	3.875	4.582	14.866
Minimum	-5.340	-10.692	-5.353	-4.512	-6.197	-1.724	-13.583	-1.269	-1.837	-8.252
Maximum	11.786	9.813	1.006	28.897	6.239	0.396	2.710	2.606	2.745	6.615
Sum	18.625	19.217	-18.402	181.720	4.311	-8.193	-50.648	5.193	5.978	-40.298
Count	15	15	15	15	15	8	15	15	15	15
Confidence Level (95.0%)	2.260	2.709	0.993	5.285	1.661	0.559	2.036	0.495	0.759	2.526

Table 8 (Continued)
Components of Real Interest Differentials

Exchange Risk Premium = fd - expected depreciation										
Before crisis (1990 Q1 to 1997 Q2)										
	Australia	New Zealand	Hong Kong	Indonesia	Japan	Korea	Malaysia	Singapore	Taiwan	Thailand
Mean	-0.356	1.564	0.446	-215.687	-1.472	-6.437	-5.182	0.226	-4.042	-26.717
Standard Error	1.791	2.023	0.074	104.937	2.627	4.507	3.328	1.484	1.550	11.563
Median	1.069	3.655	0.390	-164.130	5.941	-0.542	-0.334	1.746	-2.331	-19.845
Standard Deviation	9.808	11.078	0.405	209.874	14.391	21.138	18.226	8.126	7.465	32.704
Sample Variance	96.198	122.728	0.164	44047.290	207.10	446.801	332.184	66.032	55.729	1069.560
Kurtosis	0.217	2.718	-0.344	0.422	-0.671	18.720	5.025	1.879	2.474	-1.135
Skewness	-0.773	-1.596	0.720	-1.103	-0.806	-4.194	-2.409	-1.413	-1.615	-0.565
Range	37.317	46.205	1.507	469.488	49.079	104.114	75.565	31.662	30.471	84.871
Minimum	-23.156	-32.401	-0.089	-501.988	-34.019	-97.844	-64.960	-21.821	-25.296	-81.999
Maximum	14.161	13.804	1.418	-32.500	15.060	6.269	10.604	9.841	5.176	2.872
Sum	-10.685	46.926	13.391	-862.748	-44.165	-141.62	-155.458	6.777	-92.974	-213.733
Count	30	30	30	4	30	22	30	30	23	8
Confidence Level (95.0%)	3.662	4.137	0.151	333.957	5.374	9.372	6.806	3.034	3.228	27.341
After crisis (1998 Q1 to 2001 Q3)										
Mean	-8.068	-8.782	1.292	8.602	-5.352	-5.204	3.243	-5.570	-1.560	-2.733
Standard Error	3.121	3.094	0.517	11.670	3.956	4.316	1.294	0.957	2.092	3.691
Median	-7.860	-7.431	0.758	-1.651	0.201	-6.579	0.000	-6.646	-2.154	-4.199
Standard Deviation	11.254	11.157	1.863	42.076	14.263	12.208	4.667	3.449	7.544	13.306
Sample Variance	126.642	124.477	3.470	1770.363	203.44	149.047	21.779	11.896	56.909	177.059
Kurtosis	-0.413	-0.947	1.548	0.035	-1.809	-1.990	-0.238	-0.108	-1.431	2.516
Skewness	-0.044	-0.210	1.455	0.893	0.032	0.178	0.830	0.778	-0.119	1.211
Range	37.773	34.978	6.072	133.659	39.596	30.036	15.111	11.828	21.326	50.970
Minimum	-28.921	-28.939	-0.347	-37.189	-22.258	-19.620	-2.740	-10.173	13.271	-20.339
Maximum	8.852	6.039	5.725	96.470	17.338	10.416	12.372	1.655	8.055	30.631
Sum	-104.880	-114.167	16.801	111.831	-69.580	-41.633	42.161	-72.415	-20.275	-35.527
Count	13	13	13	13	13	8	13	13	13	13
Confidence Level (95.0%)	6.800	6.742	1.126	25.426	8.619	10.207	2.820	2.084	4.559	8.041

Table 8 (Continued)
Components of Real Interest Differentials

Expected Real Exchange Rate Depreciation = expected depreciation - domestic										
Before crisis (1990 Q1 to 1997 Q2)										
	Australia	New Zealand	Hong Kong	Indonesia	Japan	Korea	Malaysia	Singapore	Taiwan	Thailand
Mean	3.085	1.814	-5.612	28.045	1.267	7.192	4.957	-0.184	2.738	6.425
Standard Error	1.877	2.114	0.278	18.590	2.349	4.088	3.367	1.388	1.365	3.962
Median	3.309	-1.827	-5.671	-1.456	-4.079	0.477	-0.050	-1.248	1.077	-1.192
Standard Deviation	10.280	11.579	1.525	101.821	12.866	22.389	18.443	7.604	7.479	21.702
Sample Variance	105.681	134.072	2.326	10367.537	165.52	501.256	340.143	57.819	55.935	470.960
Kurtosis	-0.262	1.491	-0.455	18.026	-0.448	10.094	4.888	2.472	3.761	5.976
Skewness	0.510	1.230	0.283	4.141	0.797	3.086	2.363	1.546	1.812	2.611
Range	37.011	48.229	5.676	509.904	46.558	108.236	75.205	31.154	34.529	87.320
Minimum	-12.051	-13.686	-8.337	-4.361	-14.100	-9.345	-9.859	-9.604	-7.999	-4.262
Maximum	24.961	34.543	-2.661	505.543	32.458	38.768	65.346	21.550	26.531	83.058
Sum	92.538	54.434	-168.353	841.342	38.000	215.768	148.722	-5.512	71.350	192.744
Count	30	30	30	30	30	30	30	30	30	30
Confidence Level (95.0%)	3.839	4.324	0.569	38.021	4.804	8.360	6.887	2.839	2.793	8.104
After crisis (1998 Q1 to 2001 Q3)										
Mean	6.431	9.368	4.297	-19.668	2.386	-1.194	-0.972	4.778	2.631	3.602
Standard Error	3.220	3.058	1.158	14.167	4.160	4.136	1.168	0.606	2.124	3.207
Median	5.721	5.529	5.932	0.463	3.286	-2.277	0.569	4.402	1.912	6.334
Standard Deviation	11.609	11.024	4.177	51.080	14.999	14.914	4.210	2.220	7.657	11.562
Sample Variance	134.764	121.532	17.446	2609.125	224.97	222.429	17.722	4.930	58.623	133.684
Kurtosis	-1.337	-0.978	-0.430	-1.136	-1.797	-1.238	5.494	-0.994	-1.570	0.645
Skewness	0.185	0.513	-0.960	-0.601	0.050	0.240	-2.201	-0.173	0.040	-0.628
Range	33.911	33.629	12.192	143.582	40.906	43.978	15.051	6.868	20.891	42.485
Minimum	-8.971	-3.956	-3.570	-102.749	-19.198	-22.258	-13.003	0.895	-7.137	-21.668
Maximum	24.941	29.672	8.622	40.833	21.708	21.720	2.048	7.763	13.754	20.817
Sum	83.604	121.788	55.866	-255.690	31.020	-15.527	-12.642	62.113	34.203	46.824
Count	13	13	13	13	13	13	13	13	13	13
Confidence Level (95.0%)	7.015	6.662	2.524	30.867	9.064	9.012	2.544	1.342	4.627	6.987

Table 9
Hypothetical Currency Weights for ASEAN+3 Countries
 (based on 2000 data)

	Based on value of exports			Based on value of export plus bank credit flows		
	Euro	JPY	US\$	Euro	JPY	US\$
Brunei	6%	72%	21%	49%	39%	12%
Cambodia	24%	0%	76%	33%	0%	67%
China	29%	32%	40%	50%	29%	20%
Hong Kong	35%	13%	53%	52%	34%	14%
Indonesia	27%	46%	27%	54%	34%	12%
Korea	35%	20%	45%	52%	25%	23%
Laos	29%	25%	46%	29%	25%	46%
Malaysia	83%	9%	8%	57%	37%	7%
Myanmar	29%	28%	43%	32%	27%	41%
Philippines	37%	12%	51%	63%	22%	15%
Singapore	29%	24%	48%	64%	29%	7%
Thailand	30%	29%	41%	44%	42%	14%
Vietnam	51%	37%	12%	63%	28%	9%

Source: BIS Quarterly Review and IFS Direction of Trade (2001).

Table 10
Bilateral Swap Arrangements of the Chiang Mai Agreement

Concluded BSAs			BSAs expected to be concluded in the near future		BSAs under negotiation
	Amount	Contracted Date		Amount	
Korea-Japan	\$2 billion	4 July 2001	Korea-Thailand	\$1 billion	China-Malaysia
Japan-Thailand	\$3 billion	28 July 2001	Korea-China	\$2 billion	China-Philippines
Japan-Philippines	\$3 billion	30 August 2001	Korea-Malaysia		
Japan-Malaysia	\$1 billion	5 October 2001	Korea-Philippines		
China-Thailand	\$2 billion	6 December 2001	Japan-Singapore		
China-Japan	\$3 billion	28 March 2002	Japan-Indonesia		

Notes: Amounts are in US dollars. China-Japan BSA is dollar equivalent.
 Concluded BSAs are all one-way except for China-Thailand.
 BSAs expected to be concluded in the near future are all two-way.

Table 11
Top Ten Countries by Debt Trading Volume
(In millions of US dollars)

2001			2000		
1	Mexico	1,111,082	1	Brazil	768,986
2	Brazil	721,035	2	Mexico	661,672
3	Argentina	383,760	3	Argentina	365,772
4	Russia	299,468	4	Russia	241,316
5	South Africa	130,787	5	Turkey	122,129
6	Venezuela	91,603	6	South Africa	101,286
7	Poland	90,321	7	Hong Kong	98,283
8	Hong Kong	86,955	8	Venezuela	81,551
9	Turkey	67,020	9	Korea	50,903
10	Singapore	63,627	10	Poland	48,763

Source: EMTA Quarterly Reports.