

## APPENDIX I

### Appendix 1.1 Trade Intensity Index (TII) Analysis Indonesia to Australia, 2004 – 2016 (US \$)

Year	Xjk_IDN-AUS	Xwk_AUS	Xj_IDN	Xw_WORLD	TIIjk_IDN-AUS
2016	3,199,006,498	189,629,974,559	144,490,000,000	15,568,499,793,490	1.82
2015	3,702,296,010	187,792,151,470	150,366,000,000	16,136,590,822,825	2.12
2014	4,962,452,276	240,444,683,866	176,036,000,000	18,506,865,086,210	2.17
2013	4,370,481,872	252,155,105,281	182,552,000,000	18,611,221,181,336	1.77
2012	4,905,413,057	256,242,912,988	190,032,000,000	17,966,352,266,714	1.81
2011	5,582,530,032	269,423,385,464	203,497,000,000	17,987,053,911,418	1.83
2010	4,244,396,928	212,108,726,296	157,779,000,000	15,031,815,870,873	1.91
2009	3,264,223,973	153,899,575,950	116,510,000,000	12,269,635,918,387	2.23
2008	4,110,969,601	186,853,013,588	137,020,000,000	15,715,302,498,877	2.52
2007	3,394,555,752	141,181,512,401	114,101,000,000	13,621,583,729,217	2.87
2006	2,771,276,781	123,324,472,734	100,798,615,667	11,891,949,032,318	2.65
2005	2,227,607,920	106,011,050,685	85,659,947,504	10,170,265,502,515	2.49
2004	1,887,359,209	86,484,037,752	71,582,468,122	9,033,048,829,128	2.75

Source: UN-COMTRADE, Author Estimation

### Appendix 1.2 Trade Intensity Index (TII) Analysis Malaysia to Australia, 2004 – 2016 (US \$)

Year	Xjk_MYS-AUS	Xwk_AUS	Xj_MYS	Xw_WORLD	TIIjk_MYS-AUS
2016	6,445,327,279	189,629,974,559	189,414,000,000	15,568,499,793,490	2.79
2015	7,208,750,041	187,792,151,470	200,211,000,000	16,136,590,822,825	3.09
2014	10,076,154,037	240,444,683,866	234,135,000,000	18,506,865,086,210	3.31
2013	9,268,214,051	252,155,105,281	228,316,000,000	18,611,221,181,336	3
2012	9,418,819,264	256,242,912,988	227,449,000,000	17,966,352,266,714	2.9
2011	8,206,225,749	269,423,385,464	226,993,000,000	17,987,053,911,418	2.41
2010	7,467,064,443	212,108,726,296	198,791,000,000	15,031,815,870,873	2.66
2009	5,681,910,268	153,899,575,950	157,195,000,000	12,269,635,918,387	2.88
2008	7,302,250,582	186,853,013,588	198,702,000,000	15,715,302,498,877	3.09
2007	5,927,778,094	141,181,512,401	175,962,000,000	13,621,583,729,217	3.25
2006	4,558,866,830	123,324,472,734	160,669,230,590	11,891,949,032,318	2.74
2005	4,790,396,365	106,011,050,685	141,624,045,896	10,170,265,502,515	3.25
2004	4,156,722,821	86,484,037,752	126,639,700,629	9,033,048,829,128	3.43

Source: UN-COMTRADE, Author Estimation

**Appendix 1.3 Trade Intensity Index (TII) Analysis Singapore to Australia, 2004 – 2016 (US \$)**

Year	Xjk_SGP-AUS	Xwk_AUS	Xj_SGP	Xw_WORLD	TIIjk_SGP-AUS
2016	9,371,683,066	189,629,974,559	329,871,000,000	15,568,499,793,490	2.33
2015	11,494,159,149	187,792,151,470	346,638,000,000	16,136,590,822,825	2.85
2014	15,487,028,166	240,444,683,866	409,769,000,000	18,506,865,086,210	2.91
2013	15,748,247,356	252,155,105,281	410,250,000,000	18,611,221,181,336	2.83
2012	17,061,044,137	256,242,912,988	408,393,000,000	17,966,352,266,714	2.93
2011	16,026,934,414	269,423,385,464	409,504,000,000	17,987,053,911,418	2.61
2010	12,573,452,562	212,108,726,296	351,867,000,000	15,031,815,870,873	2.53
2009	10,610,492,479	153,899,575,950	269,832,000,000	12,269,635,918,387	3.13
2008	14,201,620,897	186,853,013,588	338,176,000,000	15,715,302,498,877	3.53
2007	11,319,563,180	141,181,512,401	299,297,000,000	13,621,583,729,217	3.65
2006	10,392,290,189	123,324,472,734	271,809,168,813	11,891,949,032,318	3.69
2005	8,513,010,639	106,011,050,685	229,652,339,084	10,170,265,502,515	3.56
2004	6,609,680,688	86,484,037,752	198,632,635,437	9,033,048,829,128	3.48

Source: UN-COMTRADE, Author Estimation

**Appendix 1.4 Trade Intensity Index (TII) Analysis Thailand to Australia, 2004 – 2016 (US \$)**

Year	Xjk_THA-AUS	Xwk_AUS	Xj_THA	Xw_WORLD	TIIjk_THA-AUS
2016	10,232,070,063	189,629,974,559	213,593,000,000	15,568,499,793,490	3.93
2015	9,614,248,327	187,792,151,470	210,883,000,000	16,136,590,822,825	3.92
2014	9,298,849,155	240,444,683,866	227,573,000,000	18,506,865,086,210	3.15
2013	10,348,939,090	252,155,105,281	228,527,000,000	18,611,221,181,336	3.34
2012	9,762,751,816	256,242,912,988	229,545,000,000	17,966,352,266,714	2.98
2011	7,997,079,218	269,423,385,464	228,824,000,000	17,987,053,911,418	2.33
2010	9,369,584,237	212,108,726,296	195,312,000,000	15,031,815,870,873	3.4
2009	8,579,114,717	153,899,575,950	152,497,000,000	12,269,635,918,387	4.49
2008	7,909,554,212	186,853,013,588	175,908,000,000	15,715,302,498,877	3.78
2007	5,747,496,449	141,181,512,401	153,571,000,000	13,621,583,729,217	3.61
2006	4,371,195,362	123,324,472,734	130,580,046,120	11,891,949,032,318	3.23
2005	3,161,225,959	106,011,050,685	110,110,034,192	10,170,265,502,515	2.75
2004	2,461,476,561	86,484,037,752	96,247,901,276	9,033,048,829,128	2.67

Source: UN-COMTRADE, Author Estimation

**Appendix 1.5 Trade Intensity Index (TII) Analysis Philippines to Australia, 2004 – 2016 (US \$)**

Year	Xjk_PHL-AUS	Xwk_AUS	Xj_PHL	Xw_WORLD	TIIjk_PHL-AUS
2016	486,051,410	189,629,974,559	56,312,747,948	15,568,499,793,490	0.71
2015	451,179,758	187,792,151,470	58,648,083,080	16,136,590,822,825	0.66
2014	824,945,970	240,444,683,866	61,809,755,230	18,506,865,086,210	1.03
2013	519,149,726	252,155,105,281	56,697,802,975	18,611,221,181,336	0.68
2012	387,251,904	256,242,912,988	51,995,223,994	17,966,352,266,714	0.52
2011	384,520,907	269,423,385,464	48,042,128,759	17,987,053,911,418	0.53
2010	349,626,211	212,108,726,296	51,497,514,607	15,031,815,870,873	0.48
2009	296,289,568	153,899,575,950	38,435,801,947	12,269,635,918,387	0.61
2008	470,770,239	186,853,013,588	49,077,539,969	15,715,302,498,877	0.81
2007	528,414,456	141,181,512,401	50,465,711,125	13,621,583,729,217	1.01
2006	488,213,242	123,324,472,734	47,410,117,340	11,891,949,032,318	0.99
2005	455,055,009	106,011,050,685	41,254,683,469	10,170,265,502,515	1.06
2004	481,737,303	86,484,037,752	39,680,520,434	9,033,048,829,128	1.27

Source: UN-COMTRADE, Author Estimation

**Appendix 1.6 Trade Intensity Index (TII) Analysis Indonesia to New Zealand, 2004 – 2016 (US \$)**

Year	Xjk_IDN-NZL	Xwk_NZL	Xj_IDN	Xw_WORLD	TIIjk_IDN-NZL
2016	366,543,144	33,869,936,061	144,490,000,000	15,568,499,793,490	1.17
2015	436,253,630	34,357,358,629	150,366,000,000	16,136,590,822,825	1.36
2014	481,417,509	41,635,622,760	176,036,000,000	18,506,865,086,210	1.22
2013	469,513,125	39,443,578,425	182,552,000,000	18,611,221,181,336	1.21
2012	441,009,779	37,304,685,387	190,032,000,000	17,966,352,266,714	1.12
2011	371,708,031	37,633,150,935	203,497,000,000	17,987,053,911,418	0.87
2010	396,247,297	30,931,877,693	157,779,000,000	15,031,815,870,873	1.22
2009	349,461,890	24,932,601,209	116,510,000,000	12,269,635,918,387	1.48
2008	542,272,918	30,577,985,225	137,020,000,000	15,715,302,498,877	2.03
2007	362,212,623	26,930,933,467	114,101,000,000	13,621,583,729,217	1.61
2006	320,043,060	22,409,180,133	100,798,615,667	11,891,949,032,318	1.68
2005	275,261,878	21,728,543,959	85,659,947,504	10,170,265,502,515	1.5
2004	187,171,428	20,344,022,597	71,582,468,122	9,033,048,829,128	1.16

Source: UN-COMTRADE, Author Estimation

**Appendix 1.7 Trade Intensity Index (TII) Analysis Malaysia to New Zealand, 2004 – 2016 (US \$)**

Year	Xjk_MYS-NZL	Xwk_NZL	Xj_MYS	Xw_WORLD	TIIjk_MYS-NZL
2016	731,766,972	33,869,936,061	189,414,000,000	15,568,499,793,490	1.78
2015	1,031,032,969	34,357,358,629	200,211,000,000	16,136,590,822,825	2.42
2014	1,601,337,229	41,635,622,760	234,135,000,000	18,506,865,086,210	3.04
2013	1,381,482,417	39,443,578,425	228,316,000,000	18,611,221,181,336	2.86
2012	1,169,053,954	37,304,685,387	227,449,000,000	17,966,352,266,714	2.48
2011	980,918,889	37,633,150,935	226,993,000,000	17,987,053,911,418	2.07
2010	930,859,886	30,931,877,693	198,791,000,000	15,031,815,870,873	2.28
2009	540,473,868	24,932,601,209	157,195,000,000	12,269,635,918,387	1.69
2008	1,064,072,073	30,577,985,225	198,702,000,000	15,715,302,498,877	2.75
2007	746,556,377	26,930,933,467	175,962,000,000	13,621,583,729,217	2.15
2006	675,260,652	22,409,180,133	160,669,230,590	11,891,949,032,318	2.23
2005	537,147,752	21,728,543,959	141,624,045,896	10,170,265,502,515	1.78
2004	447,507,848	20,344,022,597	126,639,700,629	9,033,048,829,128	1.57

Source: UN-COMTRADE, Author Estimation

**Appendix 1.8 Trade Intensity Index (TII) Analysis Singapore to New Zealand, 2004 – 2016 (US \$)**

Year	Xjk_SGP-NZL	Xwk_NZL	Xj_SGP	Xw_WORLD	TIIjk_SGP-NZL
2016	1,455,672,621	33,869,936,061	329,871,000,000	15,568,499,793,490	2.03
2015	1,727,423,125	34,357,358,629	346,638,000,000	16,136,590,822,825	2.34
2014	2,230,344,373	41,635,622,760	409,769,000,000	18,506,865,086,210	2.42
2013	1,874,190,362	39,443,578,425	410,250,000,000	18,611,221,181,336	2.16
2012	2,087,250,067	37,304,685,387	408,393,000,000	17,966,352,266,714	2.46
2011	2,126,451,233	37,633,150,935	409,504,000,000	17,987,053,911,418	2.48
2010	1,706,584,093	30,931,877,693	351,867,000,000	15,031,815,870,873	2.36
2009	1,362,245,584	24,932,601,209	269,832,000,000	12,269,635,918,387	2.48
2008	1,930,086,540	30,577,985,225	338,176,000,000	15,715,302,498,877	2.93
2007	1,557,327,982	26,930,933,467	299,297,000,000	13,621,583,729,217	2.63
2006	1,395,225,391	22,409,180,133	271,809,168,813	11,891,949,032,318	2.72
2005	1,162,535,123	21,728,543,959	229,652,339,084	10,170,265,502,515	2.37
2004	946,317,812	20,344,022,597	198,632,635,437	9,033,048,829,128	2.12

Source: UN-COMTRADE, Author Estimation

**Appendix 1.9 Trade Intensity Index (TII) Analysis Thailand to New Zealand, 2004 – 2016 (US \$)**

Year	Xjk_THA-NZL	Xwk_NZL	Xj_THA	Xw_WORLD	TIIjk_THA-NZL
2016	1,414,402,065	33,869,936,061	213,593,000,000	15,568,499,793,490	3.04
2015	1,301,412,511	34,357,358,629	210,883,000,000	16,136,590,822,825	2.9
2014	1,237,171,401	41,635,622,760	227,573,000,000	18,506,865,086,210	2.42
2013	1,160,929,813	39,443,578,425	228,527,000,000	18,611,221,181,336	2.4
2012	1,026,955,958	37,304,685,387	229,545,000,000	17,966,352,266,714	2.15
2011	854,747,162	37,633,150,935	228,824,000,000	17,987,053,911,418	1.79
2010	799,819,996	30,931,877,693	195,312,000,000	15,031,815,870,873	1.99
2009	541,740,913	24,932,601,209	152,497,000,000	12,269,635,918,387	1.75
2008	732,980,606	30,577,985,225	175,908,000,000	15,715,302,498,877	2.14
2007	618,484,112	26,930,933,467	153,571,000,000	13,621,583,729,217	2.04
2006	527,895,523	22,409,180,133	130,580,046,120	11,891,949,032,318	2.15
2005	518,836,912	21,728,543,959	110,110,034,192	10,170,265,502,515	2.21
2004	329,284,489	20,344,022,597	96,247,901,276	9,033,048,829,128	1.52

Source: UN-COMTRADE, Author Estimation

**Appendix 1.10 Trade Intensity Index (TII) Analysis Philippines to New Zealand, 2004 – 2016 (US \$)**

Year	Xjk_PHL-NZL	Xwk_NZL	Xj_PHL	Xw_WORLD	TIIjk_PHL-NZL
2016	49,720,709	33,869,936,061	56,312,747,948	15,568,499,793,490	0.41
2015	46,035,531	34,357,358,629	58,648,083,080	16,136,590,822,825	0.37
2014	127,145,840	41,635,622,760	61,809,755,230	18,506,865,086,210	0.91
2013	49,682,542	39,443,578,425	56,697,802,975	18,611,221,181,336	0.41
2012	49,088,058	37,304,685,387	51,995,223,994	17,966,352,266,714	0.45
2011	44,647,275	37,633,150,935	48,042,128,759	17,987,053,911,418	0.44
2010	32,700,913	30,931,877,693	51,497,514,607	15,031,815,870,873	0.31
2009	28,713,932	24,932,601,209	38,435,801,947	12,269,635,918,387	0.37
2008	49,308,408	30,577,985,225	49,077,539,969	15,715,302,498,877	0.52
2007	114,153,934	26,930,933,467	50,465,711,125	13,621,583,729,217	1.14
2006	53,170,577	22,409,180,133	47,410,117,340	11,891,949,032,318	0.6
2005	38,864,075	21,728,543,959	41,254,683,469	10,170,265,502,515	0.44
2004	38,469,589	20,344,022,597	39,680,520,434	9,033,048,829,128	0.43

Source: UN-COMTRADE, Author Estimation

**Appendix 1.11 Trade Intensity Index (TII) Analysis Australia to  
Indonesia, 2004 – 2016 (US \$)**

Year	Xjk_AUS-IDN	Xwk_IDN	Xj_AUS	Xw_WORLD	Tiijk_AUS-IDN
2016	3,975,952,956	144,490,000,000	189,629,974,559	15,568,499,793,490	2.26
2015	3,729,748,714	150,366,000,000	187,792,151,470	16,136,590,822,825	2.13
2014	4,533,816,802	176,036,000,000	240,444,683,866	18,506,865,086,210	1.98
2013	4,171,864,605	182,552,000,000	252,155,105,281	18,611,221,181,336	1.69
2012	4,952,845,059	190,032,000,000	256,242,912,988	17,966,352,266,714	1.83
2011	5,565,925,416	203,497,000,000	269,423,385,464	17,987,053,911,418	1.83
2010	4,131,358,752	157,779,000,000	212,108,726,296	15,031,815,870,873	1.86
2009	3,250,128,883	116,510,000,000	153,899,575,950	12,269,635,918,387	2.22
2008	3,587,340,413	137,020,000,000	186,853,013,588	15,715,302,498,877	2.20
2007	3,279,169,965	114,101,000,000	141,181,512,401	13,621,583,729,217	2.77
2006	3,323,259,225	100,798,615,667	123,324,472,734	11,891,949,032,318	3.18
2005	2,749,269,948	85,659,947,504	106,011,050,685	10,170,265,502,515	3.08
2004	2,377,581,916	71,582,468,122	86,484,037,752	9,033,048,829,128	3.47

Source: UN-COMTRADE, Author Estimation

**Appendix 1.12 Trade Intensity Index (TII) Analysis Australia to  
Malaysia, 2004 – 2016 (US \$)**

Year	Xjk_AUS-MYS	Xwk_MYS	Xj_AUS	Xw_WORLD	Tiijk_AUS-MYS
2016	3,504,835,402	189,414,000,000	189,629,974,559	15,568,499,793,490	1.52
2015	3,424,096,412	200,211,000,000	187,792,151,470	16,136,590,822,825	1.47
2014	5,431,981,957	234,135,000,000	240,444,683,866	18,506,865,086,210	1.79
2013	4,457,749,708	228,316,000,000	252,155,105,281	18,611,221,181,336	1.44
2012	5,256,062,099	227,449,000,000	256,242,912,988	17,966,352,266,714	1.62
2011	4,638,582,871	226,993,000,000	269,423,385,464	17,987,053,911,418	1.36
2010	3,347,100,138	198,791,000,000	212,108,726,296	15,031,815,870,873	1.19
2009	2,457,131,013	157,195,000,000	153,899,575,950	12,269,635,918,387	1.25
2008	3,361,561,022	198,702,000,000	186,853,013,588	15,715,302,498,877	1.42
2007	2,644,931,363	175,962,000,000	141,181,512,401	13,621,583,729,217	1.45
2006	2,135,958,282	160,669,230,590	123,324,472,734	11,891,949,032,318	1.28
2005	1,917,088,198	141,624,045,896	106,011,050,685	10,170,265,502,515	1.30
2004	1,784,668,139	126,639,700,629	86,484,037,752	9,033,048,829,128	1.47

Source: UN-COMTRADE, Author Estimation

**Appendix 1.13 Trade Intensity Index (TII) Analysis Australia to Singapore, 2004 – 2016 (US \$)**

Year	Xjk_AUS-SGP	Xwk_SGP	Xj_AUS	Xw_WORLD	Tiijk_AUS-SGP
2016	4,115,666,556	329,871,000,000	189,629,974,559	15,568,499,793,490	1.02
2015	5,092,143,034	346,638,000,000	187,792,151,470	16,136,590,822,825	1.26
2014	7,609,098,937	409,769,000,000	240,444,683,866	18,506,865,086,210	1.43
2013	5,227,306,620	410,250,000,000	252,155,105,281	18,611,221,181,336	0.94
2012	7,374,403,923	408,393,000,000	256,242,912,988	17,966,352,266,714	1.27
2011	6,580,458,204	409,504,000,000	269,423,385,464	17,987,053,911,418	1.07
2010	4,453,662,064	351,867,000,000	212,108,726,296	15,031,815,870,873	0.90
2009	4,202,532,780	269,832,000,000	153,899,575,950	12,269,635,918,387	1.24
2008	5,154,094,662	338,176,000,000	186,853,013,588	15,715,302,498,877	1.28
2007	3,416,830,974	299,297,000,000	141,181,512,401	13,621,583,729,217	1.10
2006	3,436,779,650	271,809,168,813	123,324,472,734	11,891,949,032,318	1.22
2005	3,020,183,713	229,652,339,084	106,011,050,685	10,170,265,502,515	1.26
2004	2,388,142,966	198,632,635,437	86,484,037,752	9,033,048,829,128	1.26

Source: UN-COMTRADE, Author Estimation

**Appendix 1.14 Trade Intensity Index (TII) Analysis Australia to Thailand, 2004 – 2016 (US \$)**

Year	Xjk_AUS-THA	Xwk_THA	Xj_AUS	Xw_WORLD	Tiijk_AUS-THA
2016	2,640,641,524	213,593,000,000	189,629,974,559	15,568,499,793,490	1.01
2015	3,251,688,235	210,883,000,000	187,792,151,470	16,136,590,822,825	1.32
2014	4,637,086,023	227,573,000,000	240,444,683,866	18,506,865,086,210	1.57
2013	4,700,538,459	228,527,000,000	252,155,105,281	18,611,221,181,336	1.52
2012	5,043,884,662	229,545,000,000	256,242,912,988	17,966,352,266,714	1.54
2011	6,991,417,753	228,824,000,000	269,423,385,464	17,987,053,911,418	2.04
2010	5,385,844,760	195,312,000,000	212,108,726,296	15,031,815,870,873	1.95
2009	3,325,575,687	152,497,000,000	153,899,575,950	12,269,635,918,387	1.74
2008	4,489,010,982	175,908,000,000	186,853,013,588	15,715,302,498,877	2.15
2007	3,704,825,686	153,571,000,000	141,181,512,401	13,621,583,729,217	2.33
2006	3,225,454,714	130,580,046,120	123,324,472,734	11,891,949,032,318	2.38
2005	3,149,680,868	110,110,034,192	106,011,050,685	10,170,265,502,515	2.74
2004	2,249,095,835	96,247,901,276	86,484,037,752	9,033,048,829,128	2.44

Source: UN-COMTRADE, Author Estimation

**Appendix 1.15 Trade Intensity Index (TII) Analysis Australia to  
Philippines, 2004 – 2016 (US \$)**

Year	Xjk_AUS-PHL	Xwk_PHL	Xj_AUS	Xw_WORLD	Tiijk_AUS-PHL
2016	1,431,710,950	56,312,747,948	189,629,974,559	15,568,499,793,490	2.09
2015	1,161,698,321	58,648,083,080	187,792,151,470	16,136,590,822,825	1.70
2014	1,465,012,899	61,809,755,230	240,444,683,866	18,506,865,086,210	1.82
2013	1,314,840,305	56,697,802,975	252,155,105,281	18,611,221,181,336	1.71
2012	1,870,117,253	51,995,223,994	256,242,912,988	17,966,352,266,714	2.52
2011	1,588,119,006	48,042,128,759	269,423,385,464	17,987,053,911,418	2.21
2010	1,152,973,774	51,497,514,607	212,108,726,296	15,031,815,870,873	1.59
2009	915,094,346	38,435,801,947	153,899,575,950	12,269,635,918,387	1.90
2008	1,245,293,189	49,077,539,969	186,853,013,588	15,715,302,498,877	2.13
2007	926,130,210	50,465,711,125	141,181,512,401	13,621,583,729,217	1.77
2006	742,808,373	47,410,117,340	123,324,472,734	11,891,949,032,318	1.51
2005	645,432,184	41,254,683,469	106,011,050,685	10,170,265,502,515	1.50
2004	725,661,787	39,680,520,434	86,484,037,752	9,033,048,829,128	1.91

Source: UN-COMTRADE, Author Estimation

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**Appendix 1.16 Trade Intensity Index (TII) Analysis New Zealand to  
Indonesia, 2004 – 2016 (US \$)**

Year	Xjk_NZL-IDN	Xwk_IDN	Xj_NZL	Xw_WORLD	Tiijk_NZL-IDN
2016	272,078,068	144,490,000,000	33,869,936,061	15,568,499,793,490	0.87
2015	327,676,863	150,366,000,000	34,357,358,629	16,136,590,822,825	1.02
2014	397,194,469	176,036,000,000	41,635,622,760	18,506,865,086,210	1.00
2013	572,551,670	182,552,000,000	39,443,578,425	18,611,221,181,336	1.48
2012	716,973,439	190,032,000,000	37,304,685,387	17,966,352,266,714	1.82
2011	605,545,889	203,497,000,000	37,633,150,935	17,987,053,911,418	1.42
2010	661,678,114	157,779,000,000	30,931,877,693	15,031,815,870,873	2.04
2009	674,349,573	116,510,000,000	24,932,601,209	12,269,635,918,387	2.85
2008	679,035,551	137,020,000,000	30,577,985,225	15,715,302,498,877	2.55
2007	727,089,790	114,101,000,000	26,930,933,467	13,621,583,729,217	3.22
2006	774,095,119	100,798,615,667	22,409,180,133	11,891,949,032,318	4.08
2005	568,489,413	85,659,947,504	21,728,543,959	10,170,265,502,515	3.11
2004	606,728,617	71,582,468,122	20,344,022,597	9,033,048,829,128	3.76

Source: UN-COMTRADE, Author Estimation



**Appendix 1.17 Trade Intensity Index (TII) Analysis New Zealand to Malaysia, 2004 – 2016 (US \$)**

Year	Xjk_NZL-MYS	Xwk_MYS	Xj_NZL	Xw_WORLD	Tiijk_NZL-MYS
2016	346,153,178	189,414,000,000	33,869,936,061	15,568,499,793,490	0.84
2015	330,114,618	200,211,000,000	34,357,358,629	16,136,590,822,825	0.77
2014	322,074,909	234,135,000,000	41,635,622,760	18,506,865,086,210	0.61
2013	479,375,487	228,316,000,000	39,443,578,425	18,611,221,181,336	0.99
2012	676,433,800	227,449,000,000	37,304,685,387	17,966,352,266,714	1.43
2011	443,173,892	226,993,000,000	37,633,150,935	17,987,053,911,418	0.93
2010	551,469,335	198,791,000,000	30,931,877,693	15,031,815,870,873	1.35
2009	689,822,558	157,195,000,000	24,932,601,209	12,269,635,918,387	2.16
2008	718,811,879	198,702,000,000	30,577,985,225	15,715,302,498,877	1.86
2007	748,294,783	175,962,000,000	26,930,933,467	13,621,583,729,217	2.15
2006	820,144,258	160,669,230,590	22,409,180,133	11,891,949,032,318	2.71
2005	661,510,283	141,624,045,896	21,728,543,959	10,170,265,502,515	2.19
2004	556,613,609	126,639,700,629	20,344,022,597	9,033,048,829,128	1.95

Source: UN-COMTRADE, Author Estimation

**Appendix 1.18 Trade Intensity Index (TII) Analysis New Zealand to Singapore, 2004 – 2016 (US \$)**

Year	Xjk_NZL-SGP	Xwk_SGP	Xj_NZL	Xw_WORLD	Tiijk_NZL-SGP
2016	240,071,224	329,871,000,000	33,869,936,061	15,568,499,793,490	0.33
2015	301,675,991	346,638,000,000	34,357,358,629	16,136,590,822,825	0.41
2014	349,923,095	409,769,000,000	41,635,622,760	18,506,865,086,210	0.38
2013	506,442,518	410,250,000,000	39,443,578,425	18,611,221,181,336	0.58
2012	615,252,694	408,393,000,000	37,304,685,387	17,966,352,266,714	0.73
2011	691,599,574	409,504,000,000	37,633,150,935	17,987,053,911,418	0.81
2010	586,653,441	351,867,000,000	30,931,877,693	15,031,815,870,873	0.81
2009	645,466,227	269,832,000,000	24,932,601,209	12,269,635,918,387	1.18
2008	684,476,057	338,176,000,000	30,577,985,225	15,715,302,498,877	1.04
2007	838,389,321	299,297,000,000	26,930,933,467	13,621,583,729,217	1.42
2006	838,130,096	271,809,168,813	22,409,180,133	11,891,949,032,318	1.64
2005	757,786,724	229,652,339,084	21,728,543,959	10,170,265,502,515	1.54
2004	786,376,667	198,632,635,437	20,344,022,597	9,033,048,829,128	1.76

Source: UN-COMTRADE, Author Estimation

**Appendix 1.19 Trade Intensity Index (TII) Analysis New Zealand to Thailand, 2004 – 2016 (US \$)**

Year	Xjk_NZL-THA	Xwk_THA	Xj_NZL	Xw_WORLD	Tiijk_NZL-THA
2016	240,071,224	213,593,000,000	33,869,936,061	15,568,499,793,490	0.52
2015	301,675,991	210,883,000,000	34,357,358,629	16,136,590,822,825	0.67
2014	349,923,095	227,573,000,000	41,635,622,760	18,506,865,086,210	0.68
2013	506,442,518	228,527,000,000	39,443,578,425	18,611,221,181,336	1.05
2012	615,252,694	229,545,000,000	37,304,685,387	17,966,352,266,714	1.29
2011	691,599,574	228,824,000,000	37,633,150,935	17,987,053,911,418	1.44
2010	586,653,441	195,312,000,000	30,931,877,693	15,031,815,870,873	1.46
2009	645,466,227	152,497,000,000	24,932,601,209	12,269,635,918,387	2.08
2008	684,476,057	175,908,000,000	30,577,985,225	15,715,302,498,877	2.00
2007	838,389,321	153,571,000,000	26,930,933,467	13,621,583,729,217	2.76
2006	838,130,096	130,580,046,120	22,409,180,133	11,891,949,032,318	3.41
2005	757,786,724	110,110,034,192	21,728,543,959	10,170,265,502,515	3.22
2004	786,376,667	96,247,901,276	20,344,022,597	9,033,048,829,128	3.63

Source: UN-COMTRADE, Author Estimation

**Appendix 1.20 Trade Intensity Index (TII) Analysis New Zealand to Philippines, 2004 – 2016 (US \$)**

Year	Xjk_NZL-PHL	Xwk_PHL	Xj_NZL	Xw_WORLD	Tiijk_NZL-PHL
2016	330,993,616	56,312,747,948	33,869,936,061	15,568,499,793,490	2.70
2015	355,400,307	58,648,083,080	34,357,358,629	16,136,590,822,825	2.85
2014	331,750,378	61,809,755,230	41,635,622,760	18,506,865,086,210	2.39
2013	491,697,182	56,697,802,975	39,443,578,425	18,611,221,181,336	4.09
2012	522,945,900	51,995,223,994	37,304,685,387	17,966,352,266,714	4.84
2011	358,201,022	48,042,128,759	37,633,150,935	17,987,053,911,418	3.56
2010	518,523,645	51,497,514,607	30,931,877,693	15,031,815,870,873	4.89
2009	597,081,361	38,435,801,947	24,932,601,209	12,269,635,918,387	7.64
2008	548,707,535	49,077,539,969	30,577,985,225	15,715,302,498,877	5.75
2007	619,181,817	50,465,711,125	26,930,933,467	13,621,583,729,217	6.21
2006	624,015,626	47,410,117,340	22,409,180,133	11,891,949,032,318	6.98
2005	451,372,278	41,254,683,469	21,728,543,959	10,170,265,502,515	5.12
2004	442,704,358	39,680,520,434	20,344,022,597	9,033,048,829,128	4.95

Source: UN-COMTRADE, Author Estimation

## APPENDIX II

### Appendix 2.1 Constant Market Share (CMS) Analysis, ASEAN -5 to Australia, 2004-2016

Variable CMS_ASEAN- 5 Australia	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
r_AUS	All_c	-5	-12	-2	-7	7	16	22	-17	21	19	11	14	0
Xij1_c_IDN- AUS	0	-34,740,868	16,377,141	30,948,369	15,127,962	28,708,503	2,239,862	10,726,086	-7,509,439	29,214,697	39,969,163	19,750,556	9,394,301	0
	1	2,216,686	837,780	151,001	1,802,732	2,867,361	-1,466,410	221,090	-826,816	-3,414,606	4,673,415	1,101,351	-274,339	0
	2	-10,438,178	-42,100,961	2,643,084	-12,233,334	1,562,925	36,031,156	25,043,186	-27,855,689	-15,113,797	47,705,785	51,722,810	-6,113,328	0
	3	-171,841,572	-555,734,129	-131,352,627	-150,040,198	-958,763,591	623,989,419	327,061,367	-448,803,665	476,969,907	359,145,486	65,898,485	370,437,030	0
	4	171,538	-55,309,796	54,094,675	1,001,514	340,159	378,655	-541,276	-9,451,548	10,183,607	-4,757,731	4,515,011	-3,636,653	0
	5	4,180,225	-100,367,904	80,997,255	-21,323,460	56,305,088	107,092,908	63,980,909	-83,764,077	27,198,938	-2,557,226	35,633,289	14,389,512	0
	6	-271,838,802	-43,110,960	446,870,309	161,525,786	78,693,676	113,711,337	209,268,704	-237,937,682	228,241,360	-746,120	72,451,573	-7,981,121	0
	7	-54,832,936	-529,437,156	282,665,739	29,270,269	-290,887,790	440,618,920	65,865,073	82,655,556	-141,252,322	69,221,932	213,870,661	7,432,038	0
	8	19,184,805	37,126,109	9,151,690	43,730,113	16,530,540	68,389,954	14,119,492	1,030,159	24,938,989	1,601,881	8,482,920	1,614,264	0
9	14,649,590	11,563,610	-184,199,091	-603,792,569	387,526,154	-52,852,697	264,428,324	-114,282,427	79,447,076	109,022,386	70,242,205	-45,012,993	0	
Xij1_c_MYS- AUS	0	-13,381,781	-79,898,702	73,551,173	120,157,465	-24,972,143	38,087,852	51,039,623	-4,514,601	16,565,101	53,640,755	16,684,982	2,667,480	0
	1	-5,832,463	-22,985,040	-15,092,354	5,481,568	42,668,867	2,173,914	994,035	-3,024,789	1,544,835	5,091,794	593,300	1,039,409	0
	2	22,145,463	-4,625,058	7,584,691	4,135,958	-9,980,645	8,489,759	5,169,928	-6,797,077	-1,482,283	6,796,492	1,378,140	2,011,494	0
	3	404,059,839	-2,609,083,216	422,227,879	-333,044,179	807,791,638	712,651,040	1,422,900,704	-1,280,153,989	822,512,816	826,513,837	-461,867,833	322,921,311	0
	4	-10,092,545	-20,441,053	25,617,480	-36,293,742	-55,400,950	75,197,655	35,003,234	-53,719,929	68,304,140	38,040,613	19,707,911	886,107	0
	5	-29,405,596	-67,476,273	16,173,266	60,568,778	-35,115,274	65,351,605	109,662,576	-188,289,490	31,077,622	97,692,369	13,082,177	49,178,484	0
	6	-914,118,393	262,086,340	257,056,757	45,127,489	450,700,737	152,925,093	-235,372,493	114,242,593	183,112,012	96,278,108	55,932,758	-22,374,214	0
	7	-212,407,749	-222,591,455	-625,542	-29,507,001	-95,271,126	-400,612,549	301,582,827	17,194,133	157,829,540	248,523,292	34,064,649	217,405,596	0
	8	17,019,962	-28,558,002	58,811,257	89,742,029	31,257,114	66,775,113	64,405,719	-58,816,561	12,684,796	6,833,346	89,933,159	4,561,210	0
9	-21,409,499	-73,831,539	-37,364,621	-76,973,578	100,915,297	18,121,826	29,768,020	-156,460,603	82,323,909	-10,499,342	-1,038,778	55,376,667	0	
Xij1_c_SGP- AUS	0	-32,648,526	-108,880,356	176,699,975	328,405,606	-11,361,599	99,019,494	18,751,972	-232,045	45,872,553	8,011,349	-19,040,470	2,785,931	0
	1	-12,925,448	35,639,772	-22,828,516	5,605,801	28,296,320	46,341,748	44,422,727	15,050,236	11,966,709	9,876,534	20,326,325	8,983,558	0
	2	-3,946,431	-6,325,943	-9,887,371	-14,277,799	6,557,100	8,586,552	7,179,021	-2,279,483	3,764,073	1,703,262	3,768,501	-1,133,866	0

Variable CMS_ASEAN- 5_Australia	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
	3	-986,398,952	-3,748,825,295	-562,015,868	-1,078,734,429	796,474,681	2,866,021,261	1,088,196,912	-2,902,186,361	2,419,637,068	553,888,054	616,481,516	1,507,166,852	0
	4	-833,219	-5,724,529	-3,553,781	1,870,927	-3,953,842	9,099,881	-2,643,399	-3,136,478	4,920,786	3,530,532	-275,366	1,651,592	0
	5	-133,894,798	-163,577,490	-80,513,392	-331,949,600	108,117,292	458,164,738	279,016,216	-27,250,332	51,505,090	66,251,644	45,266,205	2,660,171	0
	6	-65,127,837	-138,880,891	100,960,502	-945,510	-68,132,161	97,131,869	96,326,760	-200,447,477	127,399,101	77,180,753	23,851,067	51,946,605	0
	7	-939,568,890	229,201,778	238,613,226	-342,045,514	324,341,155	83,174,250	687,594,229	-599,020,919	18,654,353	1,663,635,270	193,686,217	-813,478,693	0
	8	62,230,234	-107,034,563	-40,618,126	243,431,745	27,374,359	139,629,971	393,500,459	-64,068,904	126,192,407	78,916,821	-39,080,931	-303,038,065	0
	9	-9,362,215	21,538,501	-58,075,841	-124,158,007	-173,603,581	-353,687,913	-649,384,812	192,443,344	72,145,574	-1,535,721,226	1,034,296,486	1,445,785,865	0
	0	17,905,117	-83,264,093	6,836,410	-7,972,487	27,831,524	145,266,412	105,483,928	-19,157,659	124,287,083	58,504,114	30,048,909	57,807,662	0
	1	-377,512	-1,124,919	-2,798,723	-405,209	401,436	2,625,632	1,582,252	-2,930,731	1,452,108	81,373	2,056,277	-727,056	0
Xij1_c_THA- AUS	2	-1,770,467	-2,512,602	2,632,727	-998,561	-6,115,085	4,110,590	1,799,353	-14,980,194	10,267,539	-7,512,388	-6,523,370	-3,386,191	0
	3	-45,712,479	-68,512,515	-14,476,209	4,237,928	-72,448,159	89,159,809	119,296	-134,569,070	173,725,347	-67,708,378	127,271,076	-20,747,993	0
	4	304,816	-1,265,989	1,920,913	-370,459	1,373,362	4,618,054	844,528	2,738,711	1,979,836	-743,612	3,632,959	720,912	0
	5	-58,470,748	-117,349,445	-51,581,277	62,927,900	73,542,751	123,191,247	119,405,389	-81,360,853	178,101,112	114,203,664	85,333,456	23,509,884	0
	6	-266,644,344	155,300,920	-431,366,741	236,337,028	349,214,605	-380,863,302	-423,006,993	918,189,252	215,703,666	17,705,810	181,369,251	140,392,662	0
	7	497,521,056	508,570,890	-469,565,432	804,068,387	1,193,417,272	-655,484,392	1,428,376,112	-573,702,331	563,176,031	919,986,471	513,084,750	531,565,005	0
	8	-56,853,285	-23,761,074	49,755,245	37,839,631	3,337,878	77,578,552	109,260,030	-31,064,049	122,007,229	73,714,200	48,300,649	21,036,627	0
	9	531,919,580	-50,682,002	-141,446,847	-549,476,884	195,117,014	-782,707,621	-553,394,375	606,397,429	771,357,812	268,069,833	225,395,446	-50,422,117	0
	Xij1_c_PHL- AUS	0	-6,605,125	4,248,028	14,587,073	161,091	-2,844,704	9,959,811	2,530,043	-7,614,008	5,833,257	2,825,404	826,903	9,512,149
1		-893,719	-6,377,531	6,103,053	804,180	-1,484,245	2,045,666	-342,739	-483,012	131,242	-531,737	-5,033,498	6,480,191	0
2		-9,488,080	-16,274,848	-5,965,468	21,063,410	268,104	-4,550,368	11,566,144	-10,057,112	5,064,043	2,328,439	3,571,526	488,852	0
3		-8,899,804	2,706,109	1,947,623	-864,851	-3,257,226	-722,391	20,409	-152,124,046	-53,709,105	43,185,314	9,663,280	89,306,780	0
4		-871,716	-1,270,354	981,193	336,250	1,727,829	766,938	97,670	-6,977	362,381	-67,543	22,208	-27,209	0
5		10,453,434	-2,774,943	8,156,181	-9,703,923	5,219,636	-2,654,217	4,606,042	-8,886,003	12,216,441	10,691,811	-2,312,489	6,606,252	0
6		51,544,392	-209,535,992	121,819,969	91,544,041	2,262,522	1,730,363	-25,405,239	24,258,221	-37,572,266	-2,877,698	46,731,163	2,442,321	0
7		-15,294,813	-162,436,877	132,955,343	31,201,338	18,851,952	11,214,986	37,070,984	-11,866,299	15,920,859	-17,398,407	-25,320,061	-141,515,382	0
8		9,055,672	7,504,064	6,512,792	-10,847,638	6,242,083	14,095,899	2,037,000	-7,518,776	-5,944,519	2,393,076	5,151,509	-273,962	0
9	5,871,411	10,446,132	18,698,485	8,203,924	-24,254,954	3,008,009	21,156,329	-182,659	53,450	-347,445	-142,308	297,714	0	

Variable CMS_ASEAN- 5_Australia	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
ri_c_AUS	0	-14	-2	10	-3	4	24	17	-10	24	-3	9	-3	0
	1	9	1	-4	-6	-14	4	1	-14	-9	14	-60	-60	0
	2	-8	-30	-5	10	-8	38	65	-21	38	29	26	32	0
	3	-2	-24	-3	-11	2	22	22	-18	63	-42	18	38	0
	4	-12	-10	-1	-31	-26	49	23	-27	-75	-94	-30	37	0
	5	1	-3	-7	-12	-7	15	8	12	3	8	24	4	0
	6	-15	-18	1	-4	-14	18	26	-30	-2	19	28	10	0
	7	-14	-8	-10	-14	4	18	19	-31	9	14	10	9	0
	8	4	-5	0	-10	-14	14	14	1	9	11	14	-38	0
9	29	-18	-9	1	47	20	-3	9	-13	10	32	-13	0	
Xij2_c_IDN- AUS	0	212,761,271	247,502,139	231,124,998	200,176,629	185,048,667	156,340,164	154,100,302	143,374,216	150,883,655	121,668,958	81,699,795	61,949,239	52,554,938
	1	11,109,418	8,892,732	8,054,952	7,903,951	6,101,219	3,233,858	4,700,268	4,479,178	5,305,994	8,720,600	4,047,185	2,945,834	3,220,173
	2	124,872,175	135,310,353	177,411,314	174,768,230	187,001,564	185,438,639	149,407,483	124,364,297	152,219,986	167,333,783	119,627,998	67,905,188	74,018,516
	3	538,334,322	710,175,894	1,265,910,023	1,397,262,650	1,547,302,848	2,506,066,439	1,882,077,020	1,555,015,653	2,003,819,318	1,526,849,411	1,167,703,925	1,101,805,440	731,368,410
	4	1,360,575	1,189,037	56,498,833	2,404,158	1,402,644	1,062,485	683,830	1,225,106	10,676,654	493,047	5,250,778	735,767	4,372,420
	5	299,539,413	295,359,188	395,727,092	314,729,837	336,053,297	279,748,209	172,655,301	108,674,392	192,438,469	165,239,531	167,796,757	132,163,468	117,773,956
	6	1,182,412,355	1,454,251,157	1,497,362,117	1,050,491,808	888,966,022	810,272,346	696,561,009	487,292,305	725,229,987	496,988,627	497,734,747	425,283,174	433,264,295
	7	370,044,753	424,877,689	954,314,845	671,649,106	642,378,837	933,266,627	492,647,707	426,782,634	344,127,078	485,379,400	416,157,468	202,286,807	194,854,769
	8	415,157,126	395,972,321	358,846,212	349,694,522	305,964,409	289,433,869	221,043,915	206,924,423	205,894,264	180,955,275	179,353,394	170,870,474	169,256,210
9	43,415,090	28,765,500	17,201,890	201,400,981	805,193,550	417,667,396	470,520,093	206,091,769	320,374,196	240,927,120	131,904,734	61,662,529	106,675,522	
Xij2_c_MYS- AUS	0	332,036,985	345,418,766	425,317,468	351,766,295	231,608,830	256,580,973	218,493,121	167,453,498	171,968,099	155,402,998	101,762,243	85,077,261	82,409,781
	1	16,245,659	22,078,122	45,063,162	60,155,516	54,673,948	12,005,081	9,831,167	8,837,132	11,861,921	10,317,086	5,225,292	4,631,992	3,592,583
	2	89,252,088	67,106,625	71,731,683	64,146,992	60,011,034	69,991,679	61,501,920	56,331,992	63,129,069	64,611,352	57,814,860	56,436,720	54,425,226
	3	2,532,005,547	2,127,945,708	4,737,028,924	4,314,801,045	4,647,845,224	3,840,053,586	3,127,402,546	1,704,501,842	2,984,655,831	2,162,143,015	1,335,629,178	1,797,497,011	1,474,575,700
	4	169,780,110	179,872,655	200,313,708	174,696,228	210,989,970	266,390,920	191,193,265	156,190,031	209,909,960	141,605,820	103,565,207	83,857,296	82,971,189
	5	322,573,956	351,979,552	419,455,825	403,282,559	342,713,781	377,829,055	312,477,450	202,814,874	391,104,364	360,026,742	262,334,373	249,252,196	200,073,712
	6	875,748,272	1,789,866,665	1,527,780,325	1,270,723,568	1,225,596,079	774,895,342	621,970,249	857,342,742	743,100,149	559,988,137	463,710,029	407,777,271	430,151,485
	7	1,379,352,616	1,591,760,365	1,814,351,820	1,814,977,362	1,844,484,363	1,939,755,489	2,340,368,038	2,038,785,211	2,021,591,078	1,863,761,538	1,615,238,246	1,581,173,597	1,363,768,001

Variable CMS_ASEAN- 5 Australia	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
	8	695,745,493	678,725,531	707,283,533	648,472,276	558,730,247	527,473,133	460,698,020	396,292,301	455,108,862	442,424,066	435,590,720	345,657,561	341,096,351
	9	32,586,552	53,996,051	127,827,590	165,192,211	242,165,789	141,250,492	123,128,666	93,360,646	249,821,249	167,497,340	177,996,682	179,035,460	123,658,793
Xij2_c_SGP- AUS	0	620,105,113	652,753,639	761,633,995	584,934,020	256,528,414	267,890,013	168,870,519	150,118,547	150,350,592	104,478,039	96,466,690	115,507,160	112,721,229
	1	212,837,744	225,763,192	190,123,420	212,951,936	207,346,135	179,049,815	132,708,067	88,285,340	73,235,104	61,268,395	51,391,861	31,065,536	22,081,978
	2	13,874,742	17,821,173	24,147,116	34,034,487	48,312,286	41,755,186	33,168,634	25,989,613	28,269,096	24,505,023	22,801,761	19,033,260	20,167,126
	3	2,856,742,137	3,843,141,089	7,591,966,384	8,153,982,252	9,232,716,681	8,436,242,000	5,570,220,739	4,482,023,827	7,384,210,188	4,964,573,120	4,410,685,066	3,794,203,550	2,287,036,698
	4	12,765,617	13,598,836	19,323,365	22,877,146	21,006,219	24,960,061	15,860,180	18,503,579	21,640,057	16,719,271	13,188,739	13,464,105	11,812,513
	5	737,798,034	871,692,832	1,035,270,322	1,115,783,714	1,447,733,314	1,339,616,022	881,451,284	602,435,068	629,685,400	578,180,310	511,928,666	466,662,461	464,002,290
	6	354,880,918	420,008,755	558,889,646	457,929,144	458,874,654	527,006,815	429,874,946	333,548,186	533,995,663	406,596,562	329,415,809	305,564,742	253,618,137
	7	3,055,975,282	3,995,544,172	3,766,342,394	3,527,729,168	3,869,774,682	3,545,433,527	3,462,259,277	2,774,665,048	3,373,685,967	3,355,031,614	1,691,396,344	1,497,710,127	2,311,188,820
	8	1,244,037,914	1,181,807,680	1,288,842,243	1,329,460,369	1,086,028,624	1,058,654,265	919,024,294	525,523,835	589,592,739	463,400,332	384,483,511	423,564,442	726,602,507
9	262,665,566	272,027,781	250,489,280	308,565,121	432,723,128	606,326,709	960,014,622	1,609,399,434	1,416,956,090	1,344,810,516	2,880,531,742	1,846,235,256	400,449,391	
Xij2_c_THA- AUS	0	756,947,927	739,042,810	822,306,903	815,470,493	823,442,980	795,611,456	650,345,044	544,861,116	564,018,775	439,731,692	381,227,578	351,178,669	293,371,007
	1	3,705,787	4,083,299	5,208,218	8,006,941	8,412,150	8,010,714	5,385,082	3,802,830	6,733,561	5,281,453	5,200,080	3,143,803	3,870,859
	2	11,753,616	13,524,083	16,036,685	13,403,958	14,402,519	20,517,604	16,407,014	14,607,661	29,587,855	19,320,316	26,832,704	33,356,074	36,742,265
	3	77,889,895	123,602,374	192,114,889	206,591,098	202,353,170	274,801,329	185,641,520	185,522,224	320,091,294	146,365,947	214,074,325	86,803,249	107,551,242
	4	16,471,371	16,166,555	17,432,544	15,511,631	15,882,090	14,508,728	9,890,674	9,046,146	6,307,435	4,327,599	5,071,211	1,438,252	717,340
	5	601,865,961	660,336,709	777,686,154	829,267,431	766,339,531	692,796,780	569,605,533	450,200,144	531,560,997	353,459,885	239,256,221	153,922,765	130,412,881
	6	1,016,764,913	1,283,409,257	1,128,108,337	1,559,475,078	1,323,138,050	973,923,445	1,354,786,747	1,777,793,740	859,604,488	643,900,822	626,195,012	444,825,761	304,433,099
	7	6,555,872,780	6,058,351,724	5,549,780,834	6,019,346,266	5,215,277,879	4,021,860,607	4,677,344,999	3,248,968,887	3,822,671,218	3,259,495,187	2,339,508,716	1,826,423,966	1,294,858,961
	8	645,727,504	702,580,789	726,341,863	676,586,618	638,746,987	635,409,109	557,830,557	448,570,527	479,634,576	357,627,347	283,913,147	235,612,498	214,575,871
9	545,070,307	13,150,727	63,832,729	205,279,576	754,756,460	559,639,446	1,342,347,067	1,895,741,442	1,289,344,013	517,986,201	249,916,368	24,520,922	74,943,039	
Xij2_c_PHL- AUS	0	47,478,237	54,083,362	49,835,334	35,248,261	35,087,170	37,931,874	27,972,063	25,442,020	33,056,028	27,222,771	24,397,367	23,570,464	14,058,315
	1	1,790,568	2,684,287	9,061,818	2,958,765	2,154,585	3,638,830	1,593,164	1,935,903	2,418,915	2,287,673	2,819,410	7,852,908	1,372,717
	2	8,385,142	17,873,222	34,148,070	40,113,538	19,050,128	18,782,024	23,332,392	11,766,248	21,823,360	16,759,317	14,430,878	10,859,352	10,370,500
	3	57,323	8,957,127	6,251,018	4,303,395	5,168,246	8,425,472	9,147,863	9,127,454	161,251,500	214,960,605	171,775,291	162,112,011	72,805,231
	4	2,157,956	3,029,672	4,300,026	3,318,833	2,982,583	1,254,754	487,816	390,146	397,123	34,742	102,285	80,077	107,286
	5	45,100,810	34,647,376	37,422,319	29,266,138	38,970,061	33,750,425	36,404,642	31,798,600	40,684,603	28,468,162	17,776,351	20,088,840	13,482,588

Variable CMS_ASEAN- 5 Australia	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
	6	99,407,147	47,862,755	257,398,747	135,578,778	44,034,737	41,772,215	40,041,852	65,447,091	41,188,870	78,761,136	81,638,834	34,907,671	32,465,350
	7	168,554,330	183,849,143	346,286,020	213,330,677	182,129,339	163,277,387	152,062,401	114,991,417	126,857,716	110,936,857	128,335,264	153,655,325	295,170,707
	8	69,899,360	60,843,688	53,339,624	46,826,832	57,674,470	51,432,387	37,336,488	35,299,488	42,818,264	48,762,783	46,369,707	41,218,198	41,492,160
	9	43,220,537	37,349,126	26,902,994	8,204,509	585	24,255,539	21,247,530	91,201	273,860	220,410	567,855	710,163	412,449
ri_c_AUS for IDN	0	-14	-2	10	-3	4	24	17	-10	24	-3	9	-3	0
	1	9	1	-4	-6	-14	4	1	-14	-9	14	-60	-60	0
	2	-8	-30	-5	10	-8	38	65	-21	38	29	26	32	0
	3	-2	-24	-3	-11	2	22	22	-18	63	-42	18	38	0
	4	-12	-10	-1	-31	-26	49	23	-27	-75	-94	-30	37	0
	5	1	-3	-7	-12	-7	15	8	12	3	8	24	4	0
	6	-15	-18	1	-4	-14	18	26	-30	-2	19	28	10	0
	7	-14	-8	-10	-14	4	18	19	-31	9	14	10	9	0
	8	4	-5	0	-10	-14	14	14	1	9	11	14	-38	0
ri_c_AUS for MYS	0	-14	-2	10	-3	4	24	17	-10	24	-3	9	-3	0
	1	9	1	-4	-6	-14	4	1	-14	-9	14	-60	-60	0
	2	-8	-30	-5	10	-8	38	65	-21	38	29	26	32	0
	3	-2	-24	-3	-11	2	22	22	-18	63	-42	18	38	0
	4	-12	-10	-1	-31	-26	49	23	-27	-75	-94	-30	37	0
	5	1	-3	-7	-12	-7	15	8	12	3	8	24	4	0
	6	-15	-18	1	-4	-14	18	26	-30	-2	19	28	10	0
	7	-14	-8	-10	-14	4	18	19	-31	9	14	10	9	0
	8	4	-5	0	-10	-14	14	14	1	9	11	14	-38	0
ri_c_AUS for SGP	9	29	-18	-9	1	47	20	-3	9	-13	10	32	-13	0
	0	-14	-2	10	-3	4	24	17	-10	24	-3	9	-3	0
	1	9	1	-4	-6	-14	4	1	-14	-9	14	-60	-60	0
	2	-8	-30	-5	10	-8	38	65	-21	38	29	26	32	0
	3	-2	-24	-3	-11	2	22	22	-18	63	-42	18	38	0

Variable CMS_ASEAN- 5 Australia	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
	4	-12	-10	-1	-31	-26	49	23	-27	-75	-94	-30	37	0
	5	1	-3	-7	-12	-7	15	8	12	3	8	24	4	0
	6	-15	-18	1	-4	-14	18	26	-30	-2	19	28	10	0
	7	-14	-8	-10	-14	4	18	19	-31	9	14	10	9	0
	8	4	-5	0	-10	-14	14	14	1	9	11	14	-38	0
	9	29	-18	-9	1	47	20	-3	9	-13	10	32	-13	0
ri_c_AUS for THA	0	-14	-2	10	-3	4	24	17	-10	24	-3	9	-3	0
	1	9	1	-4	-6	-14	4	1	-14	-9	14	-60	-60	0
	2	-8	-30	-5	10	-8	38	65	-21	38	29	26	32	0
	3	-2	-24	-3	-11	2	22	22	-18	63	-42	18	38	0
	4	-12	-10	-1	-31	-26	49	23	-27	-75	-94	-30	37	0
	5	1	-3	-7	-12	-7	15	8	12	3	8	24	4	0
	6	-15	-18	1	-4	-14	18	26	-30	-2	19	28	10	0
	7	-14	-8	-10	-14	4	18	19	-31	9	14	10	9	0
	8	4	-5	0	-10	-14	14	14	1	9	11	14	-38	0
ri_c_AUS for PHL	9	29	-18	-9	1	47	20	-3	9	-13	10	32	-13	0
	0	-14	-2	10	-3	4	24	17	-10	24	-3	9	-3	0
	1	9	1	-4	-6	-14	4	1	-14	-9	14	-60	-60	0
	2	-8	-30	-5	10	-8	38	65	-21	38	29	26	32	0
	3	-2	-24	-3	-11	2	22	22	-18	63	-42	18	38	0
	4	-12	-10	-1	-31	-26	49	23	-27	-75	-94	-30	37	0
	5	1	-3	-7	-12	-7	15	8	12	3	8	24	4	0
	6	-15	-18	1	-4	-14	18	26	-30	-2	19	28	10	0
	7	-14	-8	-10	-14	4	18	19	-31	9	14	10	9	0
rxijl_IDN- AUS	8	4	-5	0	-10	-14	14	14	1	9	11	14	-38	0
	9	29	-18	-9	1	47	20	-3	9	-13	10	32	-13	0
	0	185,892,546	-197,426,394	-65,722,858	-108,619,678	199,299,367	36,093,152	233,836,121	131,071,242	620,513,052	749,090,658	222,911,873	135,046,421	0
	1	-11,861,114	-10,099,436	-320,670	-12,943,724	19,905,713	-23,629,741	4,819,915	14,431,411	-72,525,400	87,587,812	12,430,243	-3,943,721	0



Variable CMS_ASEAN- 5_Australia	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
	2	55,852,936	507,526,979	-5,612,930	87,836,075	10,850,094	580,606,303	545,958,839	486,198,736	-321,013,369	894,088,221	583,762,221	-87,881,266	0
	3	919,495,370	6,699,373,527	278,944,265	1,077,297,656	-6,655,901,791	10,054,969,924	7,130,164,839	7,833,508,428	10,130,724,715	6,731,002,305	743,753,984	5,325,164,184	0
	4	-917,871	666,759,452	-114,877,028	-7,190,931	2,361,442	6,101,649	-11,800,193	164,969,199	216,297,334	-89,168,038	50,958,037	-52,278,182	0
	5	-22,367,681	1,209,934,830	-172,008,130	153,103,727	390,879,607	1,725,695,879	1,394,828,230	1,462,034,859	577,698,822	-47,926,801	402,170,105	206,854,358	0
	6	1,454,563,742	519,702,514	-948,986,806	-1,159,764,870	546,305,037	1,832,345,291	4,562,203,017	4,153,011,623	4,847,790,925	-13,983,568	817,714,490	-114,731,456	0
	7	293,401,825	6,382,363,584	-600,277,198	-210,162,294	-2,019,393,081	7,100,136,402	1,435,904,313	-1,442,686,513	-3,000,164,934	1,297,337,714	2,413,821,139	106,838,192	0
	8	-102,654,667	-447,555,151	-19,434,795	-313,984,845	114,757,853	1,102,036,204	307,814,727	-17,980,600	529,698,055	30,021,997	95,741,284	23,205,620	0
	9	-78,387,494	-139,399,289	391,170,555	4,335,267,003	2,690,273,230	-851,668,734	5,764,721,023	1,994,708,210	1,687,436,554	2,043,266,476	792,778,769	-647,077,799	0
	rxij1_MYS- AUS	0	71,603,661	963,178,652	-156,195,414	-862,737,834	-173,360,913	613,747,917	1,112,699,212	78,798,744	351,838,713	1,005,319,737	188,312,703	38,345,975
1		31,208,529	277,084,599	32,050,563	-39,357,988	296,214,615	35,030,466	21,670,653	52,795,269	32,811,919	95,428,951	6,696,197	14,941,874	0
2		-118,496,651	55,755,063	-16,107,071	-29,696,427	-69,287,355	136,804,037	112,708,019	118,637,534	-31,483,330	127,377,915	15,554,183	28,915,942	0
3		-2,162,056,288	31,452,491,606	-896,655,424	2,391,277,259	5,607,828,521	11,483,663,913	31,020,223,091	22,344,062,325	17,469,971,986	15,490,286,691	-5,212,806,345	4,642,108,808	0
4		54,003,512	246,416,842	-54,402,027	260,591,253	-384,602,926	1,211,735,546	763,094,800	937,638,325	1,450,763,306	712,946,323	222,430,566	12,738,104	0
5		157,344,402	813,426,301	-34,346,019	-434,887,473	-243,776,273	1,053,076,226	2,390,720,282	3,286,442,206	660,081,126	1,830,922,527	147,650,151	706,958,215	0
6		4,891,293,886	-3,159,450,169	-545,893,217	-324,018,088	3,128,842,053	2,464,236,033	-5,131,283,737	-1,994,012,939	3,889,254,560	1,804,416,851	631,277,207	-321,637,292	0
7		1,136,558,166	2,683,339,430	1,328,419	211,862,044	-661,388,547	-6,455,473,456	6,574,714,980	-300,109,817	3,352,261,009	4,657,752,684	384,465,870	3,125,282,840	0
8		-91,070,956	344,266,642	-124,893,299	-644,353,172	216,992,263	1,076,014,644	1,404,089,383	1,026,595,953	269,421,979	128,068,623	1,015,017,952	65,569,018	0
rxij1_SGP- AUS	9	114,558,631	890,039,017	79,348,598	552,674,925	700,571,353	292,015,233	648,963,500	2,730,894,482	1,748,539,787	-196,775,674	-11,724,022	796,059,303	0
	0	174,696,775	1,312,552,418	-375,245,214	-2,357,972,026	-78,874,175	1,595,600,829	408,806,007	4,050,160	974,321,859	150,146,419	-214,897,587	40,048,750	0
	1	69,161,900	-429,637,362	48,479,302	-40,249,989	196,437,921	746,751,256	968,446,286	-262,689,812	254,169,986	185,103,184	229,410,209	129,141,844	0
	2	21,116,689	76,259,227	20,997,109	102,515,457	45,520,516	138,363,760	156,507,641	39,786,550	79,947,994	31,922,051	42,532,657	-16,299,727	0
	3	5,278,055,009	45,192,079,502	1,193,513,269	7,745,378,156	5,529,264,258	46,183,086,928	23,723,448,082	50,655,337,941	51,392,502,307	10,380,811,993	6,957,831,934	21,666,060,058	0
	4	4,458,415	69,009,183	7,546,913	-13,433,369	-27,448,251	146,635,547	-57,627,933	54,744,711	104,516,297	66,168,224	-3,107,880	23,742,223	0
	5	716,448,561	1,971,926,231	170,980,585	2,383,418,116	750,568,841	7,382,869,838	6,082,747,195	475,632,714	1,093,955,574	1,241,669,423	510,890,657	38,240,905	0
	6	348,488,110	1,674,208,792	-214,402,663	6,788,819	-472,985,183	1,565,183,626	2,099,990,236	3,498,650,129	2,705,925,892	1,446,499,668	269,191,714	746,750,940	0
	7	5,027,475,218	-2,763,026,857	-506,725,998	2,455,907,387	2,251,632,097	1,340,270,454	14,990,031,504	10,455,430,255	396,213,917	31,179,377,922	2,186,012,250	-	0
8	-332,983,523	1,290,301,388	86,257,836	-1,747,854,587	190,037,510	2,249,998,343	8,578,583,165	1,118,271,393	2,680,296,005	1,479,036,560	-441,081,432	-4,356,280,068	0	
9	50,095,639	-259,646,575	123,331,548	891,461,966	-1,205,185,925	-5,699,329,539	-	-3,358,944,400	1,532,354,429	-	11,673,441,836	20,783,686,518	0	
							14,157,039,689			28,782,049,379				

Variable CMS_ASEAN- 5_Australia	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
	0	-95,807,272	1,003,748,432	-14,517,999	57,242,937	193,211,228	2,340,823,993	2,299,622,855	334,381,590	2,639,827,387	1,096,467,425	339,142,786	831,005,721	0
rxij1_THA- AUS	1	2,020,003	13,560,896	5,943,450	2,909,425	2,786,838	42,309,453	34,494,192	51,153,562	30,842,420	1,525,070	23,207,881	-10,451,689	0
	2	9,473,471	30,289,411	-5,590,936	7,169,728	-42,451,972	66,238,076	39,227,144	261,467,285	218,080,029	-140,795,034	-73,625,098	-48,677,701	0
	3	244,599,792	825,918,196	30,742,099	-30,428,578	-502,947,584	1,436,721,795	2,600,736	2,348,795,311	3,689,884,080	-1,268,971,117	1,436,427,101	-298,259,786	0
	4	-1,631,019	15,261,494	-4,079,307	2,659,918	9,534,115	74,415,355	18,411,297	-47,802,006	42,051,235	-13,936,564	41,002,881	10,363,367	0
	5	312,867,145	1,414,647,264	109,539,502	-451,826,111	510,546,429	1,985,104,628	2,603,120,369	1,420,088,510	3,782,824,263	2,140,372,511	963,104,051	337,962,952	0
	6	1,426,769,070	-1,872,152,200	916,062,977	-1,696,914,092	2,424,307,866	-6,137,233,950	-9,221,846,089	-	4,581,493,357	331,837,243	2,046,998,545	2,018,194,497	0
	7	-2,662,151,553	-6,130,820,800	997,182,830	-5,773,259,435	8,284,908,013	-	31,139,590,786	10,013,514,585	11,961,721,803	17,242,124,148	5,790,858,876	7,641,436,187	0
	8	304,212,373	286,439,687	-105,661,688	-271,690,829	23,172,123	1,250,101,337	2,381,944,500	542,198,089	2,591,403,843	1,381,530,520	545,138,482	302,409,002	0
	9	-2,846,212,273	610,971,407	300,380,645	3,945,277,114	1,354,535,878	-	-	-	16,383,452,154	5,024,088,382	2,543,894,004	-724,835,882	0
	0	35,342,914	-51,209,967	-30,977,533	-1,156,643	-19,748,425	160,492,465	55,156,694	132,896,410	123,896,959	52,952,916	9,332,724	136,740,528	0
rxij1_PHL- AUS	1	4,782,140	76,881,120	-12,960,621	-5,774,061	-10,303,884	32,963,876	-7,471,948	8,430,588	2,787,548	-9,965,663	-56,809,867	93,155,053	0
	2	50,769,121	196,193,252	12,668,442	-151,236,552	1,861,224	-73,324,662	252,149,968	175,538,833	107,559,041	43,638,940	40,309,526	7,027,422	0
	3	47,621,355	-32,622,137	-4,136,029	6,209,682	-22,612,223	-11,640,614	444,930	2,655,203,354	-1,140,768,316	809,366,843	109,063,251	1,283,816,756	0
	4	4,664,406	15,314,114	-2,083,690	-2,414,295	11,994,886	12,358,444	2,129,274	121,778	7,696,884	-1,265,872	250,647	-391,139	0
	5	-55,934,568	33,451,931	-17,320,704	69,674,751	36,235,611	-42,770,072	100,414,913	155,098,064	259,474,233	200,382,873	-26,099,582	94,967,224	0
	6	-275,805,379	2,525,955,857	-258,700,435	-657,291,727	15,706,817	27,883,082	-553,851,846	-423,407,814	-798,025,784	-53,932,995	527,424,699	35,109,234	0
	7	81,839,974	1,958,176,144	-282,347,839	-224,027,486	130,873,494	180,718,364	808,173,185	207,116,743	338,155,170	-326,075,984	-285,771,308	-2,034,333,997	0
	8	-48,455,379	-90,461,473	-13,830,755	77,886,694	43,333,614	227,141,416	44,408,014	131,234,212	-126,260,136	44,850,348	58,141,782	-3,938,301	0
	9	-31,416,933	-125,928,095	-39,708,647	-58,904,668	-168,382,063	48,471,078	461,222,658	3,188,167	1,135,265	-6,511,715	-1,606,139	4,279,745	0
{(ri - r)Xijk1}_IDN- AUS	0	298,062,806	158,660,134	387,518,700	65,464,183	-89,522,406	16,585,041	-47,116,861	-56,520,479	91,268,106	-862,240,815	-44,523,162	-164,368,962	0
	1	32,541,520	11,325,468	-235,030	2,754,526	-59,651,046	17,112,727	-4,680,204	-2,891,446	104,345,616	-21,541,968	-78,469,142	20,267,149	0
	2	27,125,343	745,493,112	-7,794,725	-211,033,288	-22,872,190	801,498,018	1,085,297,138	112,193,807	-246,195,488	482,549,506	752,417,835	-107,715,880	0
	3	-524,444,406	6,758,162,016	58,580,375	544,254,156	4,575,402,245	3,971,114,355	140,777,213	280,657,190	19,919,630,979	-	425,181,212	8,639,656,809	0
	4	-1,213,012	-101,302,819	44,448,204	-23,940,422	-11,111,887	12,554,472	-443,984	94,259,031	-976,305,355	537,199,801	-187,651,849	-83,669,395	0
	5	24,517,236	-886,223,639	-387,578,217	98,787,099	-766,655,041	-152,695,145	-897,736,033	-2,435,994,196	-493,736,036	26,263,433	444,706,207	-144,206,528	0
	6	2,688,052,497	255,680,534	1,215,540,286	473,041,338	-1,681,280,052	168,939,542	855,304,745	2,986,487,567	-5,349,431,651	-496,371	1,239,678,544	34,168,141	0

Variable CMS_ASEAN- 5_Australia	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
	7	472,375,469	-2,148,507,558	-2,149,628,174	-193,892,816	753,255,715	1,034,635,191	-199,340,906	-1,124,604,918	1,672,089,482	-335,917,292	-264,258,983	-38,392,212	0
	8	181,259,736	276,365,994	19,030,675	-131,958,235	-340,669,629	-147,396,842	-107,295,012	19,380,678	-299,304,127	-12,789,759	20,495,568	-84,948,708	0
	9	501,840,900	-68,478,911	1,228,531,800	-5,130,394,026	15,593,478,339	-189,629,682	-6,493,850,881	-3,038,870,834	-2,749,954,757	-949,196,669	1,434,021,366	1,211,913,655	0
{(ri - r)Xijk1}_MYS-AUS	0	114,810,350	-774,050,778	920,967,917	519,964,966	77,871,226	282,021,208	-224,203,576	-33,979,557	51,750,165	-1,157,173,301	-37,612,519	-46,672,011	0
	1	-85,622,054	-310,721,583	23,490,916	8,375,688	-887,660,314	-25,369,165	-21,042,501	-10,577,946	-47,208,012	-23,470,474	-42,271,485	-76,787,686	0
	2	-57,548,671	81,897,154	-22,368,028	71,348,074	146,058,964	188,851,144	224,049,291	27,376,452	-24,145,580	68,747,299	20,047,966	35,442,209	0
	3	1,233,152,837	31,728,494,195	-188,304,324	1,208,080,775	-3,854,935,366	4,535,363,403	612,459,970	800,538,072	34,350,493,667	-	-2,980,000,604	7,531,453,600	0
	4	71,368,310	-37,438,871	21,049,225	867,573,975	1,809,768,639	2,493,211,097	28,711,574	535,741,708	-6,548,337,699	-4,295,200,743	-819,095,667	20,386,888	0
	5	-172,465,342	-595,798,715	-77,390,346	-280,602,392	478,132,666	-93,179,586	-1,538,709,711	-5,475,761,462	-564,144,890	-1,003,328,196	163,266,582	-492,849,128	0
	6	9,039,173,993	-1,554,369,822	699,224,893	132,159,504	-9,629,162,050	227,198,939	-961,993,869	-1,433,922,028	-4,291,707,658	64,050,964	957,034,294	95,786,707	0
	7	1,829,852,955	-903,297,810	4,757,148	195,460,982	246,705,165	-940,694,605	-912,741,626	-233,942,005	-1,868,324,075	-1,206,023,420	-42,090,343	-1,123,067,690	0
	8	160,806,108	-212,585,181	122,296,307	-270,801,946	-644,162,226	-143,916,471	-489,423,585	-1,106,532,901	-152,235,995	-54,558,888	217,287,343	-240,028,208	0
9	-733,410,440	437,225,345	249,206,578	-654,040,485	4,060,682,051	65,019,125	-731,045,298	-4,160,425,847	-2,849,532,501	91,411,873	-21,207,048	-1,490,941,491	0	
{(ri - r)Xijk1}_SGP-AUS	0	280,111,346	-1,054,822,195	2,212,541,301	1,421,130,263	35,429,144	733,189,085	-82,372,458	-1,746,508	143,308,042	-172,826,038	42,922,434	-48,744,509	0
	1	-189,748,895	481,793,652	35,532,081	8,565,513	-588,661,525	-540,799,431	-940,374,598	52,631,963	-365,686,005	-45,525,591	-1,448,211,587	-663,671,985	0
	2	10,255,458	112,015,185	29,158,867	-246,301,692	-95,958,050	191,004,263	311,117,401	9,181,029	61,314,691	17,228,691	54,820,830	-19,978,541	0
	3	-3,010,397,344	45,588,650,021	250,646,685	3,912,989,348	-3,800,928,694	18,239,569,172	468,393,224	1,814,868,128	101,050,982,021	-	3,977,577,910	35,151,465,163	0
	4	5,892,016	-10,484,778	-2,920,050	-44,723,070	129,159,144	301,710,529	-2,168,261	31,279,678	-471,757,180	-398,635,628	11,444,698	37,998,595	0
	5	-785,299,919	-1,444,348,568	385,262,894	1,537,852,587	-1,472,134,577	-653,260,168	-3,914,963,305	-792,483,520	-934,959,996	-680,423,079	564,925,745	-26,659,280	0
	6	644,010,508	823,668,513	274,624,550	-2,769,003	1,455,634,671	144,307,629	393,698,309	2,515,927,250	-2,985,930,259	51,346,061	408,102,333	-222,389,676	0
	7	8,094,209,923	930,123,145	-1,814,615,790	2,265,786,076	-839,883,409	195,304,836	-2,081,006,671	8,150,230,961	-220,822,901	-8,073,219,541	-239,319,047	4,202,245,265	0
	8	587,956,760	-796,763,092	-84,464,218	-734,569,867	-564,144,470	-300,936,258	-2,990,237,640	-1,205,346,742	-1,514,492,358	-630,088,686	-94,423,367	15,947,014,887	0
9	-320,714,942	-127,549,536	387,341,854	-1,054,964,122	-6,985,550,916	-1,268,993,450	15,947,641,576	5,117,238,762	-2,497,222,987	13,370,661,991	21,115,556,664	-	0	
{(ri - r)Xijk1}_THA-AUS	0	-153,618,770	-806,654,355	85,601,820	-34,499,845	-86,787,701	1,075,624,035	-463,363,021	-144,191,871	388,278,771	-1,262,088,849	-67,738,470	-1,011,441,448	0
	1	-5,541,973	-15,207,135	4,356,151	-619,148	-8,351,260	-30,640,629	-33,494,333	-10,249,017	-44,374,403	-375,086	-146,505,784	53,712,204	0
	2	4,600,853	44,491,324	-7,764,181	-17,225,853	89,489,505	91,438,358	77,978,603	60,335,431	167,252,596	-75,988,669	-94,896,235	-59,664,154	0
	3	-139,510,210	833,165,811	6,456,070	-15,372,613	345,736,397	567,419,553	51,349	84,152,114	7,255,268,630	4,086,241,487	821,161,069	-483,902,862	0

Variable CMS_ASEAN- 5_Australia	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
	4	-2,155,472	-2,318,726	1,578,365	8,855,537	-44,863,265	153,113,597	692,728	-27,312,801	-189,807,451	83,961,918	-150,992,207	16,586,205	0
	5	-342,933,963	-1,036,166,424	246,820,455	-291,531,708	-1,001,364,579	-175,648,469	-1,675,414,150	-2,366,104,573	-3,233,028,327	-1,172,903,855	1,064,968,141	-235,607,625	0
	6	2,636,687,587	-921,051,679	-1,173,368,741	692,132,115	-7,460,924,169	-565,843,946	-1,728,877,187	-	-5,055,578,086	11,779,149	3,103,308,316	-601,037,906	0
	7	-4,286,050,668	2,063,830,218	3,570,970,737	-5,326,329,044	-3,090,361,341	-1,539,169,536	-4,322,985,988	7,805,748,267	-6,666,656,553	-4,464,471,804	-633,968,462	-2,745,943,495	0
	8	-537,154,870	-176,876,948	103,464,592	-114,183,352	-68,788,658	-167,200,487	-830,274,646	-584,416,900	-1,464,264,137	-588,549,853	116,699,111	-1,107,027,277	0
	9	18,221,602,161	300,135,364	943,392,004	-4,668,876,478	7,851,219,589	-2,808,269,121	13,590,301,127	16,124,644,088	-26,699,523,649	-2,333,933,442	4,601,533,870	1,357,546,967	0
	0	56,669,341	41,154,478	182,651,421	697,099	8,870,708	73,747,344	-11,113,810	-57,307,527	18,223,373	-60,951,455	-1,864,066	-166,430,909	0
	1	-13,120,024	-86,214,187	-9,499,267	1,228,765	30,877,440	-23,872,535	7,255,364	-1,689,134	-4,010,573	2,451,026	358,627,058	-478,732,505	0
	2	24,656,355	288,183,139	17,592,774	363,358,073	-3,923,493	-101,221,036	501,242,253	40,506,831	82,490,491	23,552,429	51,955,411	8,613,496	0
{(ri - r)Xijk1}_PHL- AUS	3	-27,161,369	-32,908,404	-868,597	3,137,151	15,544,102	-4,597,349	8,785	95,130,032	-2,243,046,230	-2,606,259,771	62,348,097	2,082,890,930	0
	4	6,164,243	-2,326,721	806,221	-8,037,798	-56,442,547	25,428,164	80,114	69,581	-34,741,572	7,626,343	-923,004	-626,004	0
	5	61,309,931	-24,502,057	-39,027,966	44,956,232	-71,071,024	3,784,434	-64,628,808	-258,419,271	-221,762,230	-109,807,916	-28,860,042	-66,205,488	0
	6	-509,691,886	1,242,706,593	331,364,776	268,094,133	-48,338,485	2,570,779	-103,834,071	-304,478,361	880,604,063	-1,914,447	799,590,923	-10,455,871	0
	7	131,761,948	-659,184,672	-1,011,104,325	-206,684,650	-48,817,245	26,334,364	-112,195,481	161,451,920	-188,464,873	84,430,261	31,285,514	731,036,165	0
	8	85,558,791	55,860,099	13,543,163	32,733,397	-128,639,966	-30,380,061	-15,479,306	-141,452,898	71,342,871	-19,106,828	12,446,552	14,416,922	0
	9	201,132,877	-61,861,282	-124,711,166	69,708,315	-975,983,417	10,792,406	-519,558,736	-4,857,064	-1,850,101	3,025,008	-2,905,272	-8,015,545	0
	0	61,609,593	428,551,392	265,899,487	293,668,345	-42,959,203	118,007,150	-90,461,905	19,812,413	-498,844,094	-667,390,863	-160,962,634	-82,491,483	0
	{Xijk2 - Xijk1 - riXijk1}_IDN- AUS	1	20,753,846	18,154,388	8,224,621	19,044,943	-16,671,855	28,330,009	-340,737	-9,125,417	81,246,000	-83,540,627	-9,484,409	7,163,894
2		79,457,417	-330,115,665	180,381,160	99,165,489	174,588,545	-431,198,820	-421,594,542	-333,978,750	488,347,152	-774,460,223	-515,857,033	161,899,782	0
3		-209,319,476	-5,433,463,504	1,118,318,385	470,005,192	9,161,968,230	-8,172,892,904	-5,575,149,186	-5,829,689,110	-8,603,875,304	-5,563,298,380	358,051,456	-4,593,795,774	0
4		2,106,908	-610,260,619	117,281,186	8,593,575	-1,298,957	-5,417,819	13,025,299	-154,292,545	-215,804,287	94,418,816	-50,222,270	56,650,602	0
5		317,726,869	-814,207,738	486,737,967	182,949,570	-111,131,398	-1,553,040,578	-1,286,153,838	-1,269,596,390	-412,459,291	215,723,558	-270,006,637	-89,080,402	0
6		-312,585	977,659,603	1,999,478,614	2,048,730,892	263,967,309	-1,135,784,282	-4,074,910,712	-3,427,781,636	-4,350,802,298	511,718,315	-392,431,316	547,995,751	0
7		131,475,864	-5,428,048,739	1,271,926,304	852,541,131	2,952,659,708	-6,607,488,695	-1,009,121,679	1,786,813,591	3,485,544,334	-881,180,246	-2,211,534,332	88,016,577	0
8		498,626,988	806,401,363	369,129,317	619,949,254	174,676,016	-880,992,289	-100,890,304	223,874,864	-348,742,780	149,331,397	75,129,190	146,050,590	0
9		107,152,994	156,601,179	-189,769,574	-3,530,073,453	-2,272,605,834	1,322,188,827	-5,558,629,254	-1,674,334,014	-1,446,509,434	-1,911,361,742	-731,116,240	753,753,321	0
{Xijk2 - Xijk1 - riXijk1}	0	273,815,105	-537,861,184	507,961,709	1,094,346,664	429,941,886	-395,254,796	-945,245,714	93,169,355	-196,435,715	-903,557,494	-103,235,442	44,063,806	0
	1	-9,130,407	-232,021,437	28,104,953	94,031,936	-284,209,534	-25,199,299	-12,833,521	-40,933,348	-22,494,833	-90,203,659	-2,064,205	-11,349,291	0

Variable CMS_ASEAN- 5 Australia	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
riXijk1}_MYS- AUS	2	185,603,276	15,976,620	80,254,063	89,707,461	139,279,034	-75,302,117	-56,376,027	-55,508,465	96,094,682	-69,563,055	40,882,537	25,509,284	0
	3	4,290,001,996	-26,715,462,682	5,211,456,469	2,256,567,965	-1,767,774,935	-8,356,261,367	-	-	-15,307,828,971	-	7,010,303,356	-3,167,533,108	0
	4	125,869,143	-46,103,134	229,098,255	-49,601,283	650,993,846	-1,020,542,281	-606,904,769	-727,728,365	-1,309,157,486	-609,381,116	-138,573,270	70,233,085	0
	5	194,635,150	-393,970,476	437,628,578	777,601,254	621,605,328	-740,598,776	-2,187,905,408	-2,895,337,842	-300,054,384	-1,568,588,154	101,602,045	-506,884,503	0
	6	-3,101,427,221	4,687,230,494	1,816,616,785	1,549,614,167	-2,353,946,711	-1,842,265,784	5,988,626,479	2,737,113,088	-3,329,266,423	-1,340,706,822	-223,499,936	751,788,777	0
	7	455,202,199	-868,987,610	1,813,648,943	1,632,622,319	2,601,144,036	8,795,841,494	-4,535,929,769	2,321,700,895	-1,488,499,471	-3,042,514,438	1,196,707,727	-1,761,514,839	0
	8	769,796,487	363,016,891	773,365,575	1,203,083,419	310,480,870	-615,316,624	-1,007,797,082	-571,487,091	173,002,087	307,522,097	-669,360,391	275,527,333	0
	9	-60,562,580	-762,211,427	85,843,613	-310,509,136	-559,320,861	-168,886,567	-555,602,854	-2,481,073,233	-1,581,042,447	374,772,356	190,759,482	-672,400,510	0
	{Xijk2 – Xijk1 – riXijk1}_SGP- AUS	0	478,056,864	-550,918,423	960,179,234	2,614,500,440	346,764,188	-1,426,730,310	-258,687,460	146,300,432	-869,843,820	-53,679,729	330,404,747	72,672,479
1		156,601,292	619,760,782	164,472,634	247,596,124	-17,388,106	-614,043,189	-880,160,946	335,924,916	-192,901,591	-133,711,323	-198,344,673	-107,059,866	0
2		-3,295,516	-52,112,111	13,037,378	-54,203,171	-3,765,330	-105,195,126	-130,518,028	-11,517,454	-55,442,971	-9,120,290	-23,499,397	36,466,853	0
3		-1,434,913,920	-37,600,113,118	6,960,468,983	1,487,338,525	2,906,977,742	-	-	-	-46,427,929,187	-5,970,126,927	-3,163,628,384	-	0
4		9,140,421	-49,685,818	15,330,233	34,439,588	52,408,312	-130,775,367	76,131,512	-33,104,654	-87,797,026	-52,979,485	16,571,985	-11,929,710	0
5		155,244,271	-936,655,909	944,803,129	-935,684,802	589,047,181	-6,501,418,554	-5,480,312,127	154,052,686	-515,775,264	-729,740,757	-44,228,196	425,761,385	0
6		71,520,645	-1,115,319,146	672,331,807	452,085,835	999,991,998	-1,135,308,680	-1,766,442,050	-2,964,654,466	-2,299,329,330	-1,117,083,859	36,373,028	-493,132,803	0
7		-1,031,931,046	6,529,369,251	4,034,455,166	1,413,867,295	1,293,801,430	2,121,988,823	-	-7,081,744,288	2,958,817,697	-	-688,302,123	14,005,234,635	0
8		1,514,791,203	-1,459,145	1,243,202,533	2,833,883,211	868,616,755	-1,330,974,049	12,215,366,456	-528,678,654	-2,216,895,673	29,487,981,578	864,645,874	5,082,882,575	0
9	221,932,142	510,135,855	185,233,573	-458,738,838	1,811,512,634	6,659,344,161	15,766,439,123	4,775,900,490	-187,543,913	31,662,581,121	-9,827,206,580	-	0	
{Xijk2 – Xijk1 – riXijk1}_THA- AUS	0	834,850,082	-181,441,529	829,988,492	766,200,043	602,400,228	-1,690,478,949	-1,754,761,739	229,637,185	-2,200,095,695	-715,239,847	12,035,883	-537,634,714	0
	1	2,063,296	-8,352,678	2,063,491	5,502,725	5,223,876	-36,924,371	-30,691,362	-44,420,001	-25,560,967	3,675,010	-20,064,078	14,322,548	0
	2	4,050,612	-14,252,726	18,994,894	7,232,791	62,969,576	-49,831,062	-24,619,483	-231,879,430	-198,759,713	167,627,738	106,981,172	85,419,966	0
	3	-120,997,418	-633,803,307	175,848,999	232,781,748	777,748,913	-1,251,080,275	182,921,488	-2,028,704,017	-3,543,518,133	1,483,045,442	-1,349,623,852	405,811,028	0
	4	17,797,574	2,171,050	19,590,938	13,222,172	4,974,613	-64,524,681	-9,365,151	54,109,441	-37,723,636	19,007,775	-39,564,629	-9,646,027	0
	5	347,469,564	-636,961,110	719,727,929	1,218,165,642	182,250,351	-1,415,499,095	-2,152,920,225	-888,527,513	-3,429,364,378	-1,901,116,290	-809,181,286	-207,550,071	0
	6	-143,359,813	3,000,260,537	643,412,101	3,020,052,142	-1,450,384,421	7,492,020,697	10,999,639,829	16,885,862,305	-3,937,592,535	294,357,769	-1,602,172,784	-1,713,761,398	0
	7	8,720,503,277	11,680,601,634	5,022,163,436	10,988,537,314	-4,263,047,406	15,239,825,141	-	-6,190,843,367	-8,702,226,616	-	-3,964,434,910	-6,346,577,226	0
	8	398,368,416	439,902,176	782,248,306	910,437,816	612,236,986	-692,270,780	27,890,621,899	-1,933,373,973	-62,563,513	-2,233,776,496	-1,097,617,373	-309,525,984	-87,833,131

Variable CMS_ASEAN-5 Australia	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
	9	2,859,363,000	-547,138,678	-95,101,069	-3,190,520,654	-794,896,432	13,954,903,223	13,960,122,970	11,873,525,341	-15,865,465,953	-4,774,172,014	-2,519,373,082	799,778,921	0
{Xijk2 – Xijk1 – riXijk1}_PHL- AUS	0	18,740,448	101,045,301	66,225,794	36,243,813	57,680,299	-132,520,402	-29,714,674	-99,840,382	-96,674,188	-28,555,549	14,237,740	-122,682,213	0
	1	-2,097,853	-67,819,302	15,919,386	7,928,646	13,942,714	-31,370,712	9,407,851	-6,011,673	-499,875	12,785,073	64,662,775	-91,782,336	0
	2	-32,895,899	-162,045,182	27,445,096	170,286,680	16,920,800	96,657,054	-240,383,720	-153,715,473	-90,799,724	-29,208,062	-29,450,174	3,343,078	0
	3	-38,664,228	38,873,155	8,439,424	-1,041,436	31,037,695	20,788,477	8,682,524	-2,493,951,854	1,355,728,921	-637,591,552	53,048,760	-1,211,011,525	0
	4	-1,634,734	-11,014,088	5,402,523	5,396,878	-10,740,132	-11,870,628	-1,739,128	275,345	-7,662,142	1,368,157	-170,570	498,425	0
	5	90,581,944	3,970,388	46,586,842	-30,704,690	-2,485,186	79,174,714	-68,616,313	-114,413,461	-231,006,071	-182,606,522	46,188,422	-81,484,636	0
	6	323,668,134	-2,268,557,110	394,279,213	701,326,464	26,065,398	12,158,770	619,298,937	464,596,684	876,786,920	135,571,829	-492,517,028	-2,643,884	0
	7	102,009,169	-1,611,890,124	495,678,516	406,156,825	32,403,893	-28,655,963	-693,181,768	-80,259,027	-227,218,313	454,411,248	439,426,633	2,329,504,704	0
	8	109,299,067	143,801,097	60,657,587	-20,212,224	8,098,773	-189,804,928	-9,108,526	-88,415,948	175,022,919	1,519,359	-16,923,584	45,430,461	0
	9	68,766,059	152,831,089	47,913,156	58,905,253	192,637,602	-27,223,548	-461,131,457	-2,914,307	-914,855	7,079,570	2,316,302	-3,867,296	0
CMS_IDN- AUS	0	545,564,945	389,785,132	587,695,329	250,512,850	66,817,758	170,685,343	96,257,355	94,363,176	212,937,064	-780,541,020	17,426,077	-111,814,024	0
	1	41,434,252	19,380,420	7,668,921	8,855,745	-56,417,188	21,812,995	-201,026	2,414,548	113,066,216	-17,494,783	-75,523,308	23,487,322	0
	2	162,435,696	922,904,426	166,973,505	-24,031,724	162,566,449	950,905,501	1,209,661,435	264,413,793	-78,861,705	602,177,504	820,323,023	-33,697,364	0
	3	185,731,488	8,024,072,039	1,455,843,025	2,091,557,004	7,081,468,684	5,853,191,375	1,695,792,866	2,284,476,508	21,446,480,390	-20,506,942,969	1,526,986,652	9,371,025,219	0
	4	-23,975	-44,803,986	46,852,362	-22,537,778	-10,049,402	13,238,302	781,122	104,935,685	-975,812,308	542,450,579	-186,916,082	-79,296,975	0
	5	319,876,424	-490,496,547	-72,848,380	434,840,396	-486,906,832	19,960,156	-789,061,641	-2,243,555,727	-328,496,505	194,060,190	576,869,675	-26,432,572	0
	6	4,142,303,654	1,753,042,651	2,266,032,094	1,362,007,360	-871,007,706	865,500,551	1,342,597,050	3,711,717,554	-4,852,443,024	497,238,376	1,664,961,718	467,432,436	0
	7	897,253,158	-1,194,192,713	-1,477,979,068	448,486,021	1,686,522,342	1,527,282,898	227,441,728	-780,477,840	2,157,468,882	80,240,176	-61,972,176	156,462,557	0
	8	577,232,057	635,212,206	368,725,197	174,006,174	-51,235,760	73,647,073	99,629,411	225,274,942	-118,348,852	166,563,635	191,366,042	84,307,502	0
CMS_MYS- AUS	0	460,229,116	-348,733,310	1,272,734,212	751,573,796	334,452,199	500,514,329	-56,750,078	137,988,542	207,153,163	-1,055,411,058	47,464,742	35,737,770	0
	1	-63,543,932	-265,658,421	83,646,432	63,049,636	-875,655,233	-15,537,998	-12,205,369	1,283,975	-36,890,926	-18,245,182	-37,639,493	-73,195,103	0
	2	9,557,954	153,628,837	41,778,964	131,359,108	216,050,643	250,353,064	280,381,283	90,505,521	40,465,772	126,562,159	76,484,686	89,867,435	0
	3	3,361,098,545	36,465,523,119	4,126,496,721	5,855,925,999	-14,881,780	7,662,765,949	2,316,961,812	3,785,193,903	36,512,636,682	-48,544,979,846	-1,182,503,593	9,006,029,300	0
	4	251,240,965	162,874,837	195,745,453	1,078,563,945	2,076,159,559	2,684,404,362	184,901,605	745,651,668	-6,406,731,879	-4,191,635,536	-735,238,371	103,358,077	0
	5	179,514,210	-176,342,890	325,892,213	62,111,389	855,961,721	219,297,864	-1,335,894,837	-5,084,657,098	-204,118,148	-740,993,823	412,518,778	-292,775,416	0
	6	10,829,040,658	-26,589,497	1,969,948,461	1,357,755,583	-8,854,266,708	849,169,188	-104,651,127	-690,821,879	-3,731,719,521	527,760,993	1,364,811,565	525,938,192	0

Variable CMS_ASEAN- 5 Australia	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
CMS_ASEAN-5 Australia	7	3,421,613,320	911,054,010	1,819,734,510	2,039,945,345	2,186,460,654	1,399,673,433	1,126,043,585	1,787,649,073	-4,562,537	409,214,826	1,539,083,254	240,700,311	0
	8	839,531,639	494,698,352	770,768,583	287,928,301	-116,689,093	316,781,549	-93,131,284	-651,424,039	290,188,071	381,031,832	562,944,904	101,068,143	0
	9	-679,414,389	565,052,935	414,398,789	-411,874,696	4,201,932,543	188,147,791	-637,684,652	-3,910,604,598	-2,682,035,161	269,408,555	157,828,412	-1,367,282,698	0
CMS_SGP-AUS	0	932,864,985	-293,188,200	2,797,475,321	1,677,658,677	303,319,157	902,059,604	67,746,089	148,604,084	247,786,081	-76,359,348	158,429,594	63,976,720	0
	1	36,014,297	671,917,072	248,484,017	215,911,648	-409,611,710	-408,091,364	-852,089,258	125,867,067	-304,417,610	5,866,270	-1,417,146,051	-641,590,007	0
	2	28,076,631	136,162,301	63,193,354	-197,989,406	-54,202,864	224,172,897	337,107,014	37,450,125	85,819,714	40,030,452	73,854,090	188,585	0
	3	832,743,745	53,180,616,405	8,404,628,937	13,145,706,029	4,635,313,306	23,809,789,911	4,950,417,051	9,199,078,316	106,015,555,141	-	7,771,781,460	37,438,501,861	0
	4	19,490,852	8,838,587	19,957,096	-23,716,851	154,119,205	317,570,709	16,335,318	52,919,735	-455,037,909	-385,446,889	24,908,803	49,811,108	0
	5	86,392,913	-409,078,246	1,501,046,608	2,985,585,901	-132,518,555	228,191,116	-3,312,528,237	-162,798,120	-356,779,686	-168,494,413	1,031,588,206	437,343,010	0
	6	1,064,019,263	1,382,558,159	732,553,694	456,105,651	1,982,641,486	574,182,575	727,246,495	3,049,922,913	-2,579,333,697	380,761,870	713,667,075	31,228,461	0
	7	12,089,754,095	4,696,465,539	1,713,113,378	6,135,560,758	2,705,550,118	3,657,564,113	693,658,377	11,523,916,928	3,134,208,713	-6,381,823,197	1,258,391,080	6,513,434,085	0
	8	1,769,764,440	492,079,151	1,244,996,151	351,458,757	494,509,795	618,088,036	-2,464,713,805	-615,754,003	-1,051,092,026	-245,605,175	329,141,075	16,673,617,394	0
	9	-48,687,161	122,939,744	695,906,975	-622,240,994	-6,379,224,207	-308,978,828	17,557,041,010	6,534,194,852	-1,152,412,471	16,251,193,733	22,961,791,920	-	0
	0	585,424,040	15,652,548	901,072,313	788,943,135	708,823,755	1,725,969,079	81,498,095	419,826,904	828,010,463	-880,861,271	283,440,199	-718,070,441	0
CMS_THA-AUS	1	-1,458,674	-9,998,917	12,363,092	7,793,002	-340,546	-25,255,547	-29,691,503	-3,515,456	-39,092,950	4,824,994	-143,361,981	57,583,063	0
	2	18,124,936	60,528,009	5,639,777	-2,823,334	110,007,109	107,845,372	92,586,264	89,923,286	186,572,912	-49,155,965	-61,540,161	-22,921,889	0
	3	-15,907,836	1,025,280,700	213,047,168	186,980,557	620,537,726	753,061,073	185,573,573	404,243,408	7,401,634,577	4,300,315,812	907,964,318	-376,351,620	0
	4	14,011,083	15,113,818	17,089,996	24,737,627	-30,354,537	163,004,271	9,738,874	-21,005,366	-185,479,852	89,033,129	-149,553,955	17,303,545	0
	5	317,402,746	-258,480,270	1,076,087,886	474,807,823	-308,567,799	393,957,064	-1,225,214,006	-1,834,543,576	-2,879,568,442	-933,647,634	1,218,890,906	-105,194,744	0
	6	3,920,096,844	207,056,658	386,106,337	2,015,270,165	-6,487,000,724	788,942,801	48,916,553	-	-4,411,677,264	637,974,161	3,548,134,077	-296,604,807	0
	7	1,772,301,056	7,613,611,052	9,590,317,003	-111,051,165	931,499,266	3,138,175,463	-1,074,017,101	11,628,419,485	-3,407,161,366	-2,124,963,088	1,192,455,504	-1,451,084,534	0
	8	165,425,919	549,464,915	780,051,210	524,563,635	566,620,451	390,630,070	-381,704,119	-104,782,324	-1,106,636,790	-304,636,706	352,311,609	-892,451,406	0
	9	18,234,752,888	363,968,093	1,148,671,580	-3,914,120,018	8,410,859,035	-1,465,922,054	15,486,042,569	17,413,988,101	-26,181,537,448	-2,084,017,074	4,626,054,792	1,432,490,006	0
CMS_PHL-AUS	0	110,752,703	90,989,812	217,899,682	35,784,269	46,802,582	101,719,407	14,328,210	-24,251,499	45,446,144	-36,554,088	21,706,398	-152,372,594	0
	1	-10,435,737	-77,152,369	-6,540,502	3,383,350	34,516,270	-22,279,371	9,191,267	729,781	-1,722,900	5,270,436	366,479,966	-477,359,788	0
	2	42,529,577	322,331,209	57,706,312	382,408,201	14,858,531	-77,888,644	513,008,501	62,330,191	99,249,808	37,983,307	62,814,763	18,983,996	0
	3	-18,204,242	-26,657,386	3,434,798	8,305,397	23,969,574	4,550,514	9,136,239	256,381,532	-2,028,085,625	-2,434,484,480	224,460,108	2,155,696,161	0

Variable CMS ASEAN- 5 Australia	Code_c	Year															
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004			
	4	9,193,915	1,973,305	4,125,054	-5,055,215	-55,187,793	25,915,980	470,260	466,704	-34,706,830	7,728,628	-842,927	-518,718	0			
	5	95,957,307	12,920,262	-9,761,828	83,926,293	-37,320,599	40,189,076	-32,830,208	-217,734,668	-193,294,068	-92,031,565	-8,771,202	-52,722,900	0			
	6	-461,829,131	1,500,105,340	466,943,554	312,128,870	-6,566,270	42,612,631	-38,386,980	-263,289,491	959,365,199	79,724,387	834,498,594	22,009,479	0			
	7	315,611,091	-312,898,652	-797,773,648	-24,555,311	114,460,142	178,396,765	2,795,936	288,309,636	-77,528,016	212,765,525	184,940,839	1,026,206,872	0			
	8	146,402,479	109,199,723	60,369,995	90,407,867	-77,207,579	6,956,427	19,820,182	-98,634,634	120,105,654	27,262,879	53,664,750	55,909,082	0			
	9	238,482,003	-34,958,288	-116,506,657	69,708,900	-951,727,878	32,039,936	-519,467,535	-4,583,204	-1,629,691	3,592,863	-2,195,109	-7,603,096	0			
rxij1_IDN-AUS	All_c	2,693,017,591	15,191,180,617	-1,257,125,594	3,840,838,119	-4,700,662,529	21,562,686,329	21,368,450,832	14,779,266,595	15,216,455,755	11,681,316,776	6,136,042,143	4,891,196,351	0			
rxij1_MYS-AUS	All_c	4,084,946,892	34,566,547,984	-1,715,764,890	1,081,354,498	8,418,032,791	11,910,850,560	38,917,600,183	28,281,742,082	29,193,461,054	25,655,744,629	-2,613,125,537	9,109,282,787	0			
rxij1_SGP-AUS	All_c	11,357,012,792	48,134,025,945	554,732,686	9,425,959,930	7,178,967,609	55,649,431,042	42,793,892,493	62,680,269,640	61,214,204,260	17,378,686,066	21,210,224,358	27,361,045,628	0			
rxij1_THA-AUS	All_c	-3,305,860,262	-3,802,136,213	2,230,001,573	-4,208,859,924	12,257,602,935	-	17,232,784,261	-	45,921,580,572	25,794,242,585	13,656,149,509	10,059,146,668	0			
rxij1_PHL-AUS	All_c	-186,592,349	4,505,750,746	-649,397,812	-947,034,304	18,959,051	562,293,379	1,162,775,842	3,045,420,333	-1,224,349,137	753,439,691	374,235,734	-383,567,475	0			
{(ri - r)Xijk1}_IDN-AUS	All_c	3,700,118,089	5,001,174,329	408,413,894	-4,506,917,484	17,950,374,049	5,532,717,676	-5,669,084,786	-3,165,903,601	11,672,406,769	-	22,810,817,028	3,741,597,595	9,282,704,068	0		
{(ri - r)Xijk1}_MYS-AUS	All_c	11,400,118,044	27,859,353,935	1,752,930,286	1,797,519,140	-8,196,701,246	6,588,505,089	-4,013,939,331	-	18,056,607,423	-	57,396,153,911	-2,584,641,481	4,212,723,189	0		
{(ri - r)Xijk1}_SGP-AUS	All_c	5,316,274,909	44,502,282,346	1,673,108,173	7,062,996,033	-	17,041,096,208	7,109,727,577	15,691,781,001	92,264,733,069	-	29,988,960,257	24,393,396,615	15,431,460,613	0		
{(ri - r)Xijk1}_THA-AUS	All_c	15,395,924,675	283,347,450	3,781,507,272	-9,767,650,389	-3,474,995,483	-3,399,176,644	4,614,614,482	9,417,903,134	-35,542,432,610	-5,716,329,005	8,613,569,348	-4,816,779,392	0			
{(ri - r)Xijk1}_PHL-AUS	All_c	17,280,206	760,906,986	-639,252,966	569,190,719	-1,277,923,927	-17,413,489	-318,223,696	-471,045,892	-1,641,214,781	-2,676,955,351	1,281,701,170	2,106,491,190	0			
{Xijk2 - Xijk1 - riXijk1}_IDN-AUS	All_c	1,009,278,419	-10,228,728,341	5,627,607,466	1,064,574,938	10,283,192,561	-	17,318,289,401	-	18,104,226,859	10,668,296,994	-11,821,900,003	-8,910,039,995	-3,908,434,223	-3,003,837,142	0	
{Xijk2 - Xijk1 - riXijk1}_MYS-AUS	All_c	3,123,803,148	-24,490,393,946	10,983,978,942	8,337,464,767	-211,807,041	-4,443,786,118	-	-	33,235,689,914	20,979,491,500	-23,265,682,960	-	7,403,521,902	-4,952,559,966	0	
{Xijk2 - Xijk1 - riXijk1}_PHL-AUS	All_c	137,146,357	-32,646,997,780	15,193,514,671	7,635,084,207	8,847,966,804	-	-	-	43,075,978,480	32,183,400,016	48,478,648,744	-49,894,641,078	-6,986,395,877	-	-	0
{Xijk2 - Xijk1 - riXijk1}_SGP-AUS	All_c	137,146,357	-32,646,997,780	15,193,514,671	7,635,084,207	8,847,966,804	-	-	-	43,075,978,480	32,183,400,016	48,478,648,744	-49,894,641,078	-6,986,395,877	-	-	0
{Xijk2 - Xijk1 - riXijk1}_THA-AUS	All_c	137,146,357	-32,646,997,780	15,193,514,671	7,635,084,207	8,847,966,804	-	-	-	43,075,978,480	32,183,400,016	48,478,648,744	-49,894,641,078	-6,986,395,877	-	-	0
{Xijk2 - Xijk1 - riXijk1}_PHL-AUS	All_c	137,146,357	-32,646,997,780	15,193,514,671	7,635,084,207	8,847,966,804	-	-	-	43,075,978,480	32,183,400,016	48,478,648,744	-49,894,641,078	-6,986,395,877	-	-	0



Variable CMS_ASEAN-5 Australia	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
riXijk1}_SGP-AUS														
{Xijk2 – Xijk1 – riXijk1}_THA-AUS	All_c	12,920,108,589	13,100,985,369	8,118,937,517	13,971,611,740	-4,260,523,717	31,486,139,848	-8,653,669,544	19,596,196,431	-40,174,084,123	-	-	-7,597,670,104	0
{Xijk2 – Xijk1 – riXijk1}_PHL-AUS	All_c	637,772,107	-3,680,804,776	1,168,547,538	1,334,286,208	365,561,856	-212,667,168	-866,486,274	-2,574,650,094	1,752,763,593	-265,226,449	80,819,275	865,304,778	0
CMS_IDN-AUS	All_c	7,402,414,099	9,963,626,605	4,778,895,766	398,495,573	23,532,904,081	9,777,114,604	-2,404,860,813	945,066,000	15,066,962,521	-	5,969,205,515	11,170,063,277	0
CMS_MYS-AUS	All_c	18,608,868,084	37,935,507,973	11,021,144,338	11,216,338,405	9,524,504	14,055,569,531	1,667,970,938	-3,789,234,931	23,984,385,517	-	2,205,754,884	8,369,446,010	0
CMS_SGP-AUS	All_c	17,395,858,098	60,004,963,058	18,322,427,843	24,912,983,304	4,008,719,485	31,340,517,849	17,801,718,149	30,313,228,801	104,412,306,714	-	33,189,847,452	21,323,070,861	0
CMS_THA-AUS	All_c	24,424,748,962	9,566,544,059	13,229,374,049	-793,841,708	3,813,259,980	4,244,438,514	13,112,231,104	16,907,630,442	-30,622,946,623	-464,272,372	11,491,355,108	-1,637,232,387	0
CMS_PHL-AUS	All_c	468,459,964	1,585,852,956	-120,103,240	956,442,623	-893,403,020	332,212,722	-21,934,128	-275,653	-1,112,800,325	-2,188,742,109	1,736,756,179	2,588,228,493	0

Source: UN-COMTRADE, Author Estimation

## Appendix 2.2 Constant Market Share (CMS) Analysis, ASEAN -5 to New Zealand, 2004-2016

Variable CMS_ASEAN- 5 New Zealand	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
r_NZL	All_c	-1	-14	7	4	6	20	18	-26	11	17	1	13	0
Xij1_c_IDN- NZL	0	-16,965,621	-61,586,429	53,858,823	31,354,984	-4,312,723	32,046,599	48,510,324	-50,617,857	51,599,948	19,742,936	11,612,466	517,900	0
	1	197,954	-855,866	1,039,962	881,729	81,912	-32,253	33,413	-10,084	-14,594	22,185	15,217	-55,444	0
	2	1,810,546	-3,559,978	10,622,616	2,641,577	434,041	5,758,310	-4,471,821	-2,372,029	-5,516,596	3,041,098	6,323,430	-1,862,765	0
	3	-36,986,400	19,811,469	-23,437,860	-21,175,374	75,911,874	-100,982,266	-31,249,315	-126,794,329	147,840,776	-262,841	10,967,509	85,317,720	0
	4	-2,069,433	2,055,693	-598,675	1,020,687	-268,154	-2,792,234	2,146,278	435,827	-99,641	-1,757,718	2,843,350	126,062	0
	5	-13,661,145	12,908,052	-15,622,285	8,758,440	-18,312,493	36,020,227	6,781,261	-1,633,332	-8,215,945	-2,087,496	2,158,025	-2,418,093	0
	6	4,918,268	-6,000,380	-12,244,858	13,124,242	-2,158,219	5,324,985	28,901,048	-19,985,811	2,208,646	3,919,398	2,118,061	-5,458,315	0
	7	-11,812,793	-13,297,451	-4,932,963	-4,486,263	15,470,503	-4,971,269	-11,820,473	12,496,463	-10,633,629	23,140,578	7,825,096	8,146,661	0
	8	4,595,715	5,217,839	3,219,624	-3,616,676	2,455,007	5,088,635	7,955,860	-4,331,044	2,891,330	-3,588,577	918,028	3,787,820	0
	9	262,424	143,172	0	0	0	0	-1,168	1,168	0	0	0	-11,096	0
Xij1_c_MYS- NZL	0	-42,887,214	-86,982,161	49,757,872	33,030,720	19,447,755	18,166,008	51,341,237	-59,852,993	59,541,922	22,403,000	-1,815,264	5,115,196	0
	1	-3,250,897	2,554,747	-1,002,290	1,870,154	490,213	1,997,915	372,554	116,348	-35,538	93,139	-102,225	350,107	0
	2	366,814	-516,412	1,041,845	951,178	-2,626,259	3,155,160	582,892	-935,458	-19,080	-706,303	1,174,257	-1,677,076	0
	3	-257,591,323	-421,577,745	153,096,924	190,892,074	153,340,594	14,139,025	223,583,425	-217,248,968	91,228,735	16,275,936	78,569,475	74,740,975	0
	4	89,292	-4,653,522	-3,346,635	-3,282,922	-4,039,758	24,919,455	8,415,011	-8,339,699	9,725,747	9,143,385	5,483,457	1,114,140	0
	5	-13,072,503	-3,837,179	533,979	-3,043,275	16,001,368	-5,271,036	16,868,502	-32,320,395	24,460,099	1,344,995	-2,575,800	6,287,206	0
	6	-7,799,866	-10,897,750	10,689,017	16,670,960	10,050,674	11,005,012	13,700,593	-118,927,546	100,738,854	7,584,023	16,546,106	7,837,651	0

Variable CMS_ASEAN- 5 New Zealand	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
	7	11,888,679	-38,335,731	4,811,548	-21,702,031	-10,672,943	-24,610,015	67,175,372	-64,952,538	18,645,023	14,514,226	39,160,316	-4,094,332	0
	8	13,156,005	-5,620,811	5,163,349	-3,271,186	6,397,106	5,918,703	7,934,840	-10,113,487	12,264,394	-1,440,203	2,076,226	462,502	0
	9	-164,983	-437,697	-890,796	312,790	-253,687	638,778	411,591	-11,023,469	965,541	2,083,527	-403,648	-496,464	0
Xij1_c_SGP- NZN	0	9,467,271	-11,221,608	25,725,259	42,552,741	6,919,432	8,783,451	5,166,079	-1,895,325	4,586,966	4,267,412	1,705,927	-108,576	0
	1	-1,834,261	-7,211,011	10,146,203	-694,316	14,815,160	11,041,268	6,705,382	575,259	2,586,300	-1,747,677	3,895	2,575,662	0
	2	-382,480	340,803	5,003	-1,067,222	689,592	-21,772	34,921	-645,005	-408,347	-211,901	217,074	-1,345,503	0
	3	-117,768,139	-315,209,785	98,542,699	-193,472,102	-107,796,621	304,403,473	145,411,188	-352,488,343	244,624,738	106,186,000	172,171,914	132,002,574	0
	4	-766,290	253,472	-19,943	-452,055	-860,075	-251,907	1,234,601	-4,620,899	-135,877	2,488,803	-100,707	756,471	0
	5	-15,378,267	-28,028,988	8,973,520	-16,638,850	15,299,536	64,089,374	45,370,891	-25,547,744	15,511,561	8,628,519	689,291	17,267,246	0
	6	16,388,945	5,329,822	-6,253,179	9,839,163	-4,724,781	6,972,143	11,005,685	-26,313,749	15,917,645	17,245,728	4,188,128	-1,170,868	0
	7	-147,036,658	-127,769,442	192,364,498	-64,059,485	39,147,108	19,553,797	100,292,543	-144,340,794	72,998,839	171,684,177	22,768,952	-68,774,652	0
	8	-18,254,409	-21,341,548	25,477,254	10,537,884	771,922	5,225,651	39,650,173	-7,215,284	33,585,767	5,414,357	13,839,784	-32,220,716	0
	9	3,813,783	1,937,039	1,192,696	394,537	-3,462,440	71,662	-10,532,954	-5,349,070	-16,509,035	-151,852,825	17,206,008	167,235,671	0
Xij1_c_THA- NZN	0	-2,557,987	-28,096,146	26,980,548	-11,116,651	9,028,713	22,773,962	12,490,836	-6,649,045	24,867,352	19,010,867	1,130,477	7,244,090	0
	1	-16,000	-3,290	-538,842	-221,508	729,649	59,179	175,783	40,750	-78,868	124,413	-55,940	-75,203	0
	2	45,913	47,084	-127,205	-29,564	-1,597,704	1,044,058	-212,153	-6,716,492	4,291,687	-3,116,780	1,950,726	2,766,932	0
	3	-26,544	-1,696,587	-338,893	508,850	-342,050	-11,114,705	14,564,520	-1,268,812	-27,547,993	-15,483,568	-31,451,269	61,766,758	0
	4	-757,195	-1,252,305	-149,496	-769,880	549,718	1,323,675	463,296	712,939	1,269,353	1,413,407	453,166	411,707	0
	5	-11,283,037	-43,308,464	14,399,027	18,890,835	8,070,534	14,389,316	23,248,683	-46,049,890	25,868,889	34,592,860	25,770,028	12,765,554	0

Variable CMS_ASEAN- 5 New Zealand	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
	6	16,022,482	-480,170	7,827,097	447,362	-8,891,753	5,084,971	34,459,022	-36,462,551	20,405,431	13,386,858	185,864	-1,257,627	0
	7	111,985,700	147,890,835	30,760,991	115,276,249	154,181,502	16,399,591	166,299,042	-89,037,984	62,344,320	34,693,126	11,904,632	95,895,862	0
	8	-298,116	-8,193,364	-4,723,271	10,419,626	9,890,556	4,967,350	6,590,505	-5,809,687	3,948,687	6,220,227	-16,722	9,612,997	0
	9	-125,661	-666,482	2,151,630	568,536	589,631	-231	-451	1,078	-872,363	-252,821	-812,350	421,353	0
Xij1_c_PHL- NZL	0	2,117,304	-77,682,828	66,545,104	4,642,265	2,085,497	7,589,063	-985,501	-7,231,171	5,138,313	-470,577	4,744,504	2,068,163	0
	1	136,980	-127,408	49,273	96,972	53,601	33,359	52,704	3,603	-26,503	23,721	-19,403	16,524	0
	2	587,365	-458,488	69,052	438,193	-440,528	63,265	568,883	21,967	549,875	-204,530	50,233	59,896	0
	3	-252,465	-191,507	391,869	-178,274	235,511	0	0	-9,199,425	-68,744,057	62,860,023	14,030,874	1,024,621	0
	4	63,174	-217,028	309,160	79,321	189,429	66,666	65,994	-4,700	31,333	-6,411	552	-140,890	0
	5	490,744	-819,699	-109,807	-3,189,552	873,662	2,398,530	886,516	-2,395,715	253,561	1,755,998	325,076	-83,638	0
	6	-378,068	-915,114	3,652,074	-485,291	-1,034,026	840,966	309,092	-934,920	37,556	321,417	318,155	228,439	0
	7	712,208	1,090,799	1,189,695	148,141	3,788,642	-1,193,898	1,289,406	-934,904	-836,748	-2,155,075	-4,522,227	-3,021,432	0
	8	241,203	-1,781,514	5,354,156	-961,057	2,745,534	921,536	-1,045,180	81,960	-1,253,663	-976,071	-727,238	267,418	0
	9	-33,267	-7,522	12,722	3,766	-4,056,539	1,226,875	2,845,067	-1,171	4,807	-165,138	105,976	-24,615	0
ri_c_NZL	0	-6	-19	13	8	1	24	22	-14	15	15	3	-25	0
	1	5	-4	18	16	4	15	27	-85	-55	17	3	-23	0
	2	0	-17	-1	15	-1	25	37	-15	7	-68	-26	-21	0
	3	-29	-46	-2	-17	-23	-53	34	-28	42	-60	-23	-20	0
	4	-18	-8	0	-29	-6	-76	-72	-16	8	-68	-25	-21	0

Variable CMS_ASEAN- 5 New Zealand	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
	5	-10	-17	18	8	11	22	9	-14	12	27	-83	-49	0
	6	-14	-13	-3	-6	-13	19	29	-29	1	10	-43	-70	0
	7	-6	-11	3	-10	1	7	24	-20	1	9	0	-78	0
	8	2	-7	4	0	2	4	10	-6	-3	14	2	-90	0
	9	50	-15	-10	16	-6	15	-33	-26	7	12	5	-86	0
Xij2_c_IDN- NZZL	0	126,434,510	143,400,131	204,986,560	151,127,737	119,772,753	124,085,476	92,038,877	43,528,553	94,146,410	42,546,462	22,803,526	11,191,060	10,673,160
	1	1,360,957	1,163,003	2,018,869	978,907	97,178	15,266	47,519	14,106	24,190	38,784	16,599	1,382	56,826
	2	26,812,464	25,001,918	28,561,896	17,939,280	15,297,703	14,863,662	9,105,352	13,577,173	15,949,202	21,465,798	18,424,700	12,101,270	13,964,035
	3	23,722,754	60,709,154	40,897,685	64,335,545	85,510,919	9,599,045	110,581,311	141,830,626	268,624,955	120,784,179	121,047,020	110,079,511	24,761,791
	4	1,307,431	3,376,864	1,321,171	1,919,846	899,159	1,167,313	3,959,547	1,813,269	1,377,442	1,477,083	3,234,801	391,451	265,389
	5	31,577,921	45,239,066	32,331,014	47,953,299	39,194,859	57,507,352	21,487,125	14,705,864	16,339,196	24,555,141	26,642,637	24,484,612	26,902,705
	6	90,291,635	85,373,367	91,373,747	103,618,605	90,494,363	92,652,582	87,327,597	58,426,549	78,412,360	76,203,714	72,284,316	70,166,255	75,624,570
	7	22,425,566	34,238,359	47,535,810	52,468,773	56,955,036	41,484,533	46,455,802	58,276,275	45,779,812	56,413,441	33,272,863	25,447,767	17,301,106
	8	42,204,311	37,608,596	32,390,757	29,171,133	32,787,809	30,332,802	25,244,167	17,288,307	21,619,351	18,728,021	22,316,598	21,398,570	17,610,750
	9	405,596	143,172						1,168					11,096
Xij2_c_MYS- NZZL	0	85,283,195	128,170,409	215,152,570	165,394,698	132,363,978	112,916,223	94,750,215	43,408,978	103,261,971	43,720,049	21,317,049	23,132,313	18,017,117
	1	3,718,027	6,968,924	4,414,177	5,416,467	3,546,313	3,056,100	1,058,185	685,631	569,283	604,821	511,682	613,907	263,800
	2	5,333,082	4,966,268	5,482,680	4,440,835	3,489,657	6,115,916	2,960,756	2,377,864	3,313,322	3,332,402	4,038,705	2,864,448	4,541,524
	3	164,035,063	421,626,386	843,204,131	690,107,207	499,215,133	345,874,539	331,735,514	108,152,089	325,401,057	234,172,322	217,896,386	139,326,911	64,585,936

Variable CMS_ASEAN- 5 New Zealand	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
	4	55,550,466	55,461,174	60,114,696	63,461,331	66,744,253	70,784,011	45,864,556	37,449,545	45,789,244	36,063,497	26,920,112	21,436,655	20,322,515
	5	47,883,334	60,955,837	64,793,016	64,259,037	67,302,312	51,300,944	56,571,980	39,703,478	72,023,873	47,563,774	46,218,779	48,794,579	42,507,373
	6	100,382,502	108,182,368	119,080,118	108,391,101	91,720,141	81,669,467	70,664,455	56,963,862	175,891,408	75,152,554	67,568,531	51,022,425	43,184,774
	7	194,339,178	182,450,499	220,786,230	215,974,682	237,676,713	248,349,656	272,959,671	205,784,299	270,736,837	252,091,814	237,577,588	198,417,272	202,511,604
	8	72,388,366	59,232,361	64,853,172	59,689,823	62,961,009	56,563,903	50,645,200	42,710,360	52,823,847	40,559,453	41,999,656	39,923,430	39,460,928
	9	2,853,759	3,018,742	3,456,439	4,347,235	4,034,445	4,288,132	3,649,354	3,237,763	14,261,232	13,295,691	11,212,164	11,615,812	12,112,276
Xij2_c_SGP- NZL	0	116,499,026	107,031,755	118,253,363	92,528,104	49,975,363	43,055,931	34,272,480	29,106,401	31,001,726	26,414,760	22,147,348	20,441,421	20,549,997
	1	37,573,532	39,407,793	46,618,804	36,472,601	37,166,917	22,351,757	11,310,489	4,605,107	4,029,848	1,443,548	3,191,225	3,187,330	611,668
	2	580,958	963,438	622,635	617,632	1,684,854	995,262	1,017,034	982,113	1,627,118	2,035,465	2,247,366	2,030,292	3,375,795
	3	480,499,990	598,268,129	913,477,914	814,935,215	1,008,407,317	1,116,203,938	811,800,465	666,389,277	1,018,877,620	774,252,882	668,066,882	495,894,968	363,892,394
	4	434,891	1,201,181	947,709	967,652	1,419,707	2,279,782	2,531,689	1,297,088	5,917,987	6,053,864	3,565,061	3,665,768	2,909,297
	5	167,084,012	182,462,279	210,491,267	201,517,747	218,156,597	202,857,061	138,767,687	93,396,796	118,944,540	103,432,979	94,804,460	94,115,169	76,847,923
	6	81,476,625	65,087,680	59,757,858	66,011,037	56,171,874	60,896,655	53,924,512	42,918,827	69,232,576	53,314,931	36,069,203	31,881,075	33,051,943
	7	427,440,093	574,476,751	702,246,193	509,881,695	573,941,180	534,794,072	515,240,275	414,947,732	559,288,526	486,289,687	314,605,510	291,836,558	360,611,210
	8	129,227,603	147,482,012	168,823,560	143,346,306	132,808,422	132,036,500	126,810,849	87,160,676	94,375,960	60,790,193	55,375,836	41,536,052	73,756,768
	9	14,855,891	11,042,108	9,105,069	7,912,373	7,517,836	10,980,276	10,908,614	21,441,568	26,790,638	43,299,673	195,152,498	177,946,490	10,710,819
Xij2_c_THA- NZL	0	120,573,559	123,131,546	151,227,692	124,247,144	135,363,795	126,335,082	103,561,120	91,070,284	97,719,329	72,851,977	53,841,110	52,710,633	45,466,543
	1	603,749	619,749	623,039	1,161,881	1,383,389	653,740	594,561	418,778	378,028	456,896	332,483	388,423	463,626
	2	774,052	728,139	681,055	808,260	837,824	2,435,528	1,391,470	1,603,623	8,320,115	4,028,428	7,145,208	5,194,482	2,427,550

Variable CMS_ASEAN- 5 New Zealand	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
	3	8,200,854	8,227,398	9,923,985	10,262,878	9,754,028	10,096,078	21,210,783	6,646,263	7,915,075	35,463,068	50,946,636	82,397,905	20,631,147
	4	3,818,658	4,575,853	5,828,158	5,977,654	6,747,534	6,197,816	4,874,141	4,410,845	3,697,906	2,428,553	1,015,146	561,980	150,273
	5	112,664,420	123,947,457	167,255,921	152,856,894	133,966,059	125,895,525	111,506,209	88,257,526	134,307,416	108,438,527	73,845,667	48,075,639	35,310,085
	6	109,388,520	93,366,038	93,846,208	86,019,111	85,571,749	94,463,502	89,378,531	54,919,509	91,382,060	70,976,629	57,589,771	57,403,907	58,661,534
	7	994,443,906	882,458,206	734,567,371	703,806,380	588,530,131	434,348,629	417,949,038	251,649,996	340,687,980	278,343,660	243,650,534	231,745,902	135,850,040
	8	61,416,297	61,714,413	69,907,777	74,631,048	64,211,422	54,320,866	49,353,516	42,763,011	48,572,698	44,624,011	38,403,784	38,420,506	28,807,509
	9	2,518,050	2,643,711	3,310,193	1,158,563	590,027	396	627	1,078		872,363	1,125,184	1,937,534	1,516,181
Xij2_c_PHL- NZN	0	19,484,345	17,367,041	95,049,869	28,504,765	23,862,500	21,777,003	14,187,940	15,173,441	22,404,612	17,266,299	17,736,876	12,992,372	10,924,209
	1	454,926	317,946	445,354	396,081	299,109	245,508	212,149	159,445	155,842	182,345	158,624	178,027	161,503
	2	2,094,369	1,507,004	1,965,492	1,896,440	1,458,247	1,898,775	1,835,510	1,266,627	1,244,660	694,785	899,315	849,082	789,186
	3	5,134	257,599	449,106	57,237	235,511				9,199,425	77,943,482	15,083,459	1,052,585	27,964
	4	589,594	526,420	743,448	434,288	354,967	165,538	98,872	32,878	37,578	6,245	12,656	12,104	152,994
	5	2,923,268	2,432,524	3,252,223	3,362,030	6,551,582	5,677,920	3,279,390	2,392,874	4,788,589	4,535,028	2,779,030	2,453,954	2,537,592
	6	4,402,365	4,780,433	5,695,547	2,043,473	2,528,764	3,562,790	2,721,824	2,412,732	3,347,652	3,310,096	2,988,679	2,670,524	2,442,085
	7	11,319,105	10,606,897	9,516,098	8,326,403	8,178,262	4,389,620	5,583,518	4,294,112	5,229,016	6,065,764	8,220,839	12,743,066	15,764,498
	8	8,432,282	8,191,079	9,972,593	4,618,437	5,579,494	2,833,960	1,912,424	2,957,604	2,875,644	4,129,307	5,105,378	5,832,616	5,565,198
	9	15,321	48,588	56,110	43,388	39,622	4,096,161	2,869,286	24,219	25,390	20,583	185,721	79,745	104,360
ri_c_NZL for IDN	0	-6	-19	13	8	1	24	22	-14	15	15	3	-25	0
	1	5	-4	18	16	4	15	27	-85	-55	17	3	-23	0

Variable CMS_ASEAN- 5 New Zealand	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
	2	0	-17	-1	15	-1	25	37	-15	7	-68	-26	-21	0
	3	-29	-46	-2	-17	-23	-53	34	-28	42	-60	-23	-20	0
	4	-18	-8	0	-29	-6	-76	-72	-16	8	-68	-25	-21	0
	5	-10	-17	18	8	11	22	9	-14	12	27	-83	-49	0
	6	-14	-13	-3	-6	-13	19	29	-29	1	10	-43	-70	0
	7	-6	-11	3	-10	1	7	24	-20	1	9	0	-78	0
	8	2	-7	4	0	2	4	10	-6	-3	14	2	-90	0
	9	50	-15	-10	16	-6	15	-33	-26	7	12	5	-86	0
	ri_c_NZL for MYS	0	-6	-19	13	8	1	24	22	-14	15	15	3	-25
1		5	-4	18	16	4	15	27	-85	-55	17	3	-23	0
2		0	-17	-1	15	-1	25	37	-15	7	-68	-26	-21	0
3		-29	-46	-2	-17	-23	-53	34	-28	42	-60	-23	-20	0
4		-18	-8	0	-29	-6	-76	-72	-16	8	-68	-25	-21	0
5		-10	-17	18	8	11	22	9	-14	12	27	-83	-49	0
6		-14	-13	-3	-6	-13	19	29	-29	1	10	-43	-70	0
7		-6	-11	3	-10	1	7	24	-20	1	9	0	-78	0
8		2	-7	4	0	2	4	10	-6	-3	14	2	-90	0
9		50	-15	-10	16	-6	15	-33	-26	7	12	5	-86	0
ri_c_NZL for SGP	0	-6	-19	13	8	1	24	22	-14	15	15	3	-25	0



Variable CMS_ASEAN- 5 New Zealand	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
	1	5	-4	18	16	4	15	27	-85	-55	17	3	-23	0
	2	0	-17	-1	15	-1	25	37	-15	7	-68	-26	-21	0
	3	-29	-46	-2	-17	-23	-53	34	-28	42	-60	-23	-20	0
	4	-18	-8	0	-29	-6	-76	-72	-16	8	-68	-25	-21	0
	5	-10	-17	18	8	11	22	9	-14	12	27	-83	-49	0
	6	-14	-13	-3	-6	-13	19	29	-29	1	10	-43	-70	0
	7	-6	-11	3	-10	1	7	24	-20	1	9	0	-78	0
	8	2	-7	4	0	2	4	10	-6	-3	14	2	-90	0
	9	50	-15	-10	16	-6	15	-33	-26	7	12	5	-86	0
ri_c_NZL for THA	0	-6	-19	13	8	1	24	22	-14	15	15	3	-25	0
	1	5	-4	18	16	4	15	27	-85	-55	17	3	-23	0
	2	0	-17	-1	15	-1	25	37	-15	7	-68	-26	-21	0
	3	-29	-46	-2	-17	-23	-53	34	-28	42	-60	-23	-20	0
	4	-18	-8	0	-29	-6	-76	-72	-16	8	-68	-25	-21	0
	5	-10	-17	18	8	11	22	9	-14	12	27	-83	-49	0
	6	-14	-13	-3	-6	-13	19	29	-29	1	10	-43	-70	0
	7	-6	-11	3	-10	1	7	24	-20	1	9	0	-78	0
	8	2	-7	4	0	2	4	10	-6	-3	14	2	-90	0
	9	50	-15	-10	16	-6	15	-33	-26	7	12	5	-86	0

Variable CMS_ASEAN- 5 New Zealand	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
ri_c_NZL for PHL	0	-6	-19	13	8	1	24	22	-14	15	15	3	-25	0
	1	5	-4	18	16	4	15	27	-85	-55	17	3	-23	0
	2	0	-17	-1	15	-1	25	37	-15	7	-68	-26	-21	0
	3	-29	-46	-2	-17	-23	-53	34	-28	42	-60	-23	-20	0
	4	-18	-8	0	-29	-6	-76	-72	-16	8	-68	-25	-21	0
	5	-10	-17	18	8	11	22	9	-14	12	27	-83	-49	0
	6	-14	-13	-3	-6	-13	19	29	-29	1	10	-43	-70	0
	7	-6	-11	3	-10	1	7	24	-20	1	9	0	-78	0
	8	2	-7	4	0	2	4	10	-6	-3	14	2	-90	0
	9	50	-15	-10	16	-6	15	-33	-26	7	12	5	-86	0
rxij1_IDN- NZL	0	14,643,265	865,073,295	391,314,949	112,854,386	-25,455,928	632,626,383	871,315,670	1,296,324,695	580,791,434	333,681,188	8,513,121	6,787,299	0
	1	-170,857	12,021,915	7,555,915	3,173,562	483,487	-636,701	600,146	258,252	-164,265	374,955	11,156	-726,617	0
	2	-1,562,708	50,005,203	77,179,341	9,507,693	2,561,935	113,673,805	-80,320,381	60,747,727	-62,092,925	51,398,495	4,635,718	-24,412,323	0
	3	31,923,479	-278,281,645	-170,289,369	-76,215,438	448,071,250	-1,993,473,496	-561,282,951	3,247,206,216	1,664,045,403	-4,442,353	8,040,301	1,118,124,816	0
	4	1,786,157	-28,875,276	-4,349,714	3,673,706	-1,582,784	-55,121,010	38,550,261	-11,161,541	-1,121,525	-29,707,711	2,084,465	1,652,096	0
	5	11,791,125	-181,312,852	-113,504,776	31,523,804	-108,089,831	711,069,088	121,801,268	41,829,677	-92,475,878	-35,281,386	1,582,052	-31,690,132	0
	6	-4,245,026	84,284,291	-88,965,850	47,237,411	-12,738,928	105,119,610	519,104,675	511,837,164	24,859,767	66,242,902	1,552,754	-71,533,527	0
	7	10,195,787	186,782,542	-35,840,779	-16,147,176	91,314,932	-98,136,964	-212,312,813	-320,034,757	-119,688,505	391,105,738	5,736,593	106,765,439	0
	8	-3,966,626	-73,292,335	23,392,398	-13,017,317	14,490,725	100,453,866	142,898,767	110,918,155	32,543,825	-60,651,599	673,008	49,640,984	0

Variable CMS_ASEAN- 5 New Zealand	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
	9	-226,502	-2,011,064	0	0	0	0	-20,979	-29,913	0	0	0	-145,418	0
rxij1_MYS- NZN	0	37,016,554	1,221,794,247	361,519,210	118,885,777	114,790,736	358,612,031	922,162,967	1,532,836,779	670,183,587	378,639,715	-1,330,773	67,036,808	0
	1	2,805,895	-35,885,234	-7,282,206	6,731,149	2,893,491	39,440,495	6,691,609	-2,979,675	-400,004	1,574,170	-74,941	4,588,300	0
	2	-316,602	7,253,777	7,569,596	3,423,526	-15,501,543	62,285,469	10,469,584	23,957,105	-214,758	-11,937,435	860,850	-21,978,790	0
	3	222,330,672	5,921,688,509	1,112,336,136	687,068,056	905,095,713	279,116,054	4,015,882,098	5,563,751,982	1,026,839,558	275,084,398	57,599,429	979,512,098	0
	4	-77,069	65,365,661	-24,315,205	-11,816,053	-23,844,747	491,930,663	151,145,784	213,579,918	109,469,695	154,535,048	4,019,933	14,601,276	0
	5	11,283,060	53,898,905	3,879,661	-10,953,504	94,448,373	-104,054,613	302,982,724	827,726,195	275,314,540	22,732,157	-1,888,324	82,396,495	0
	6	6,732,173	153,075,160	77,661,782	60,002,932	59,324,291	217,248,044	246,082,491	3,045,737,689	1,133,882,217	128,179,811	12,129,981	102,715,732	0
	7	-10,261,285	538,482,547	34,958,630	-78,111,008	-62,997,245	-485,822,061	1,206,566,962	1,663,436,266	209,862,026	245,309,217	28,708,501	-53,657,953	0
	8	-11,355,132	78,952,678	37,514,664	-11,773,812	37,759,037	116,840,095	142,521,217	259,006,677	138,043,840	-24,341,296	1,522,085	6,061,284	0
	9	142,399	6,148,107	-6,472,139	1,125,809	-1,497,392	12,610,006	7,392,770	282,311,341	10,867,801	35,214,305	-295,915	-6,506,371	0
rxij1_SGP- NZN	0	-8,171,334	157,624,229	186,908,623	153,157,899	40,842,076	173,392,591	92,790,260	48,539,325	51,629,326	72,124,790	1,250,618	-1,422,934	0
	1	1,583,176	101,289,410	73,717,929	-2,499,016	87,446,758	217,963,767	120,438,371	-14,732,399	29,110,512	-29,538,005	2,855	33,755,140	0
	2	330,124	-4,787,087	36,350	-3,841,197	4,070,330	-429,797	627,232	16,518,596	-4,596,215	-3,581,401	159,137	-17,633,386	0
	3	101,647,327	4,427,591,788	715,968,696	-696,354,218	-636,271,564	6,009,176,457	2,611,795,515	9,027,236,056	2,753,412,703	1,794,680,926	126,219,552	1,729,949,578	0
	4	661,396	-3,560,392	-144,897	-1,627,058	-5,076,609	-4,972,853	22,175,222	118,341,349	-1,529,385	42,063,994	-73,828	9,913,872	0
	5	13,273,197	393,708,961	65,197,721	-59,887,360	90,305,796	1,265,177,278	814,926,907	654,278,419	174,592,846	145,833,146	505,321	226,294,564	0
	6	-14,145,528	-74,865,303	-45,432,898	35,413,595	-27,888,108	137,635,872	197,678,041	673,895,828	179,163,589	291,475,139	3,070,324	-15,344,720	0
	7	126,909,395	1,794,712,471	1,397,637,371	-230,566,020	231,066,534	386,008,134	1,801,399,312	3,696,571,662	821,650,060	2,901,684,946	16,691,961	-901,320,911	0

Variable CMS_ASEAN- 5 New Zealand	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
	8	15,755,636	299,773,888	185,106,725	37,928,466	4,556,284	103,158,675	712,174,527	184,783,620	378,029,950	91,509,646	10,145,972	-422,266,115	0
	9	-3,291,729	-27,208,603	8,665,614	1,420,037	-20,437,117	1,414,667	-189,187,107	136,989,828	-185,820,073	2,566,509,413	12,613,757	2,191,694,221	0
	0	2,207,834	394,652,296	196,029,010	-40,011,592	53,292,147	449,576,856	224,353,503	170,282,223	279,898,441	321,308,274	828,755	94,936,864	0
rxij1_THA- NZL	1	13,810	46,213	-3,914,993	-797,262	4,306,767	1,168,242	3,157,317	-1,043,609	-887,711	2,102,741	-41,010	-985,567	0
	2	-39,628	-661,365	-924,217	-106,408	-9,430,478	20,610,569	-3,810,575	172,009,543	48,305,767	-52,677,619	1,430,081	36,261,814	0
	3	22,910	23,831,096	-2,462,250	1,831,478	-2,018,956	-219,413,474	261,599,871	32,494,310	-310,070,823	-261,692,353	-23,056,984	809,479,495	0
	4	653,546	17,590,492	-1,086,173	-2,770,990	3,244,721	26,130,440	8,321,467	-18,258,387	14,287,405	23,888,409	332,217	5,395,594	0
	5	9,738,547	608,332,002	104,617,112	67,992,814	47,636,477	284,057,005	417,580,014	1,179,338,936	291,171,401	584,664,137	18,892,056	167,297,986	0
	6	-13,829,228	6,744,704	56,868,307	1,610,167	-52,483,738	100,381,535	618,933,937	933,806,923	229,676,579	226,255,238	136,257	-16,481,734	0
	7	-96,656,423	-2,077,347,461	223,496,077	414,907,893	910,059,188	323,741,497	2,986,971,622	2,280,265,193	701,726,424	586,358,762	8,727,308	1,256,755,842	0
	8	257,308	115,088,024	-34,317,247	37,502,826	58,379,191	98,059,600	118,375,014	148,786,242	44,445,075	105,129,892	-12,259	125,982,393	0
	9	108,460	9,361,734	15,632,814	2,046,302	3,480,308	-4,560	-8,101	-27,608	-9,819,021	-4,273,002	-595,535	5,522,009	0
rxij1_PHL- NZL	0	-1,827,475	1,091,171,238	483,487,988	16,708,666	12,309,685	149,814,384	-17,701,025	185,190,486	57,835,100	-7,953,361	3,478,205	27,104,151	0
	1	-118,229	1,789,635	357,996	349,026	316,381	658,534	946,640	-92,273	-298,309	400,916	-14,224	216,554	0
	2	-506,963	6,440,148	501,702	1,577,166	-2,600,225	1,248,903	10,217,963	-562,575	6,189,206	-3,456,822	36,826	784,962	0
	3	217,906	2,690,002	2,847,151	-641,652	1,390,108	0	0	235,597,525	-773,759,683	1,062,415,801	10,286,060	13,428,092	0
	4	-54,526	3,048,482	2,246,223	285,496	1,118,108	1,316,042	1,185,348	120,367	352,674	-108,354	405	-1,846,423	0
	5	-423,568	11,513,896	-797,810	-11,479,991	5,156,806	47,348,967	15,923,111	61,354,326	2,853,996	29,678,640	238,314	-1,096,111	0
	6	326,316	12,854,142	26,534,393	-1,746,683	-6,103,358	16,601,365	5,551,740	23,943,327	422,718	5,432,364	233,240	2,993,790	0

Variable CMS_ASEAN- 5 New Zealand	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
	7	-614,717	-15,321,900	8,643,810	533,196	22,362,530	-23,568,534	23,159,599	23,942,917	-9,418,150	-36,423,559	-3,315,253	-39,597,145	0
	8	-208,186	25,024,023	38,900,985	-3,459,083	16,205,566	18,191,883	-18,772,946	-2,098,998	-14,110,804	-16,496,864	-533,140	3,504,626	0
	9	28,713	105,658	92,433	13,555	-23,943,797	24,219,528	51,101,523	29,989	54,106	-2,791,046	77,691	-322,590	0
{(ri - r)Xijk1}_IDN- NZL	0	81,490,788	298,478,785	303,100,170	148,512,475	22,556,611	142,838,531	172,988,852	-601,561,278	176,350,633	-29,357,688	22,487,721	-19,709,960	0
	1	1,237,340	-8,325,830	10,816,673	10,790,890	-121,777	164,628	286,068	602,002	973,988	-3,013	34,349	2,028,650	0
	2	1,300,829	9,885,453	-83,207,221	30,658,773	-2,914,295	28,980,332	-84,890,200	-25,398,818	22,429,843	-259,600,382	-166,092,418	63,522,215	0
	3	1,034,504,642	-627,634,773	213,252,075	439,481,458	2,228,818,818	7,303,585,879	-493,755,092	358,560,637	4,515,616,053	20,139,203	-265,431,363	-2,792,718,340	0
	4	34,908,847	11,647,651	4,120,693	-33,242,413	3,164,175	268,605,654	-193,132,299	4,384,149	293,746	148,526,043	-74,162,429	-4,294,028	0
	5	120,223,414	-37,015,608	-161,398,137	42,337,095	-93,515,085	91,962,649	-62,911,653	-19,057,097	-3,941,932	-21,182,307	-180,645,850	150,783,109	0
	6	-62,546,508	-9,215,986	119,602,170	-125,834,690	41,496,247	-4,282,135	318,706,848	67,061,743	-22,830,077	-28,450,654	-91,851,424	454,447,319	0
	7	62,998,767	-45,236,634	20,698,995	59,270,046	-72,149,622	64,644,594	-70,538,439	75,311,513	112,118,190	-180,351,873	-3,017,015	-739,617,934	0
	8	13,150,067	34,989,559	-9,282,284	11,496,558	-9,694,214	-82,346,234	-60,261,177	-85,059,170	-40,365,883	9,343,571	1,270,795	-392,176,824	0
	9	13,412,294	-71,964	0	0	0	0	60,084	-905	0	0	0	1,095,165	0
{(ri - r)Xijk1}_MYS- NZL	0	205,999,701	421,559,264	280,021,334	156,449,577	-101,716,583	80,969,774	183,083,948	-711,315,040	203,493,531	-33,313,195	-3,515,287	-194,671,385	0
	1	-20,320,205	24,852,477	-10,424,846	22,887,561	-728,790	-10,197,923	3,189,645	-6,945,832	2,371,767	-12,648	-230,750	-12,810,123	0
	2	263,546	1,433,988	-8,160,798	11,039,599	17,633,570	15,879,240	11,065,250	-10,016,542	77,577	60,292,871	-30,843,258	57,190,028	0
	3	7,204,794,719	13,355,741,184	1,392,970,039	3,961,843,930	4,502,173,158	-1,022,611,072	3,532,731,981	614,356,565	2,786,470,360	1,247,082,383	1,901,507,700	-2,446,508,084	0
	4	-1,506,249	-26,367,070	23,034,962	106,920,386	47,668,503	-2,397,186,807	-757,222,700	-83,892,201	-28,671,944	-772,610,163	-143,023,719	-37,950,760	0
	5	115,043,134	11,003,637	5,516,684	-14,710,773	81,713,030	-13,457,395	-156,493,807	-377,102,085	11,735,722	13,647,977	215,617,326	-392,046,322	0

Variable CMS_ASEAN- 5 New Zealand	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
	6	99,192,314	-16,737,859	-104,405,427	-159,840,475	-193,245,104	-8,849,779	151,083,546	399,057,539	1,041,305,737	-55,051,927	-717,535,236	-652,545,609	0
	7	-63,403,474	-130,414,426	-20,189,530	286,715,331	49,775,292	320,019,784	400,867,704	-391,444,677	-196,588,223	-113,120,245	-15,098,508	371,715,648	0
	8	37,644,272	-37,691,791	-14,886,108	10,398,327	-25,260,585	-95,778,711	-60,101,962	-198,622,966	-171,223,312	3,749,854	2,874,050	-47,885,740	0
	9	-8,432,158	220,004	15,160,992	4,030,374	3,022,110	-2,866,998	-21,172,839	8,543,813	-3,844,489	-10,038,795	-1,790,228	49,000,547	0
{(ri - r)Xijk1}_SGP- NZL	0	-45,474,043	54,385,552	144,773,501	201,550,506	-36,190,346	39,149,716	18,422,348	-22,524,741	15,676,651	-6,345,629	3,303,554	4,132,127	0
	1	-11,465,315	-70,148,427	105,530,936	-8,497,268	-22,025,414	-56,357,754	57,408,557	-34,342,253	-172,606,819	237,320	8,792	-94,241,326	0
	2	-274,802	-946,352	-39,189	-12,386,433	-4,630,148	-109,574	662,918	-6,906,477	1,660,292	18,088,723	-5,701,707	45,883,046	0
	3	3,293,959,036	9,985,964,290	-896,602,124	4,015,390,775	3,164,974,394	22,016,112,283	2,297,570,825	996,798,878	7,471,764,041	8,136,102,892	4,166,837,314	-4,320,861,005	0
	4	12,926,391	1,436,184	137,268	14,722,828	10,148,748	24,232,799	-111,095,268	-46,483,379	400,572	-210,302,256	2,626,717	-25,767,542	0
	5	135,334,758	80,376,964	92,707,911	-80,429,915	78,129,035	163,625,526	-420,918,435	-298,081,367	7,442,299	87,555,588	-57,699,776	-1,076,719,974	0
	6	-208,421,193	8,186,076	61,078,191	-94,337,488	90,843,738	-5,606,711	121,365,397	88,294,935	-164,535,672	-125,185,612	-181,621,550	97,483,898	0
	7	784,160,710	-434,659,208	-807,172,425	846,318,783	-182,569,955	-254,270,544	598,493,767	-869,888,033	-769,680,577	1,338,063,504	-8,778,714	6,243,903,609	0
	8	-52,232,721	-143,111,227	-73,451,777	-33,497,443	-3,048,128	-84,563,479	-300,327,821	-141,703,955	-468,891,187	-14,097,351	19,157,949	3,336,013,347	0
	9	194,919,597	-973,633	-20,299,209	5,083,704	41,247,185	-321,637	541,830,466	4,145,832	65,733,931	731,653,311	76,310,741	16,506,009,319	0
{(ri - r)Xijk1}_THA- NZL	0	12,286,752	136,168,043	151,837,865	-52,653,873	-47,222,409	101,508,409	44,542,588	-79,019,703	84,987,939	-28,269,104	2,189,186	-275,691,690	0
	1	-100,010	-32,005	-5,604,510	-2,710,888	-1,084,755	-302,066	1,504,977	-2,432,725	5,263,564	-16,894	-126,272	2,751,615	0
	2	32,987	-130,744	996,400	-343,127	10,727,512	5,254,519	-4,027,377	-71,917,738	-17,449,504	266,060,902	-51,238,141	-94,355,246	0
	3	742,432	53,748,513	3,083,457	-10,560,859	10,042,796	803,875,826	230,126,833	3,588,063	-841,419,822	1,186,370,165	761,171,309	-2,021,820,999	0
	4	12,772,969	-7,095,618	1,028,984	25,073,964	-6,486,585	-127,334,095	-41,689,577	7,171,724	-3,742,110	-119,431,984	-11,819,822	-14,023,905	0

Variable CMS_ASEAN- 5 New Zealand	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
	5	99,295,134	124,192,956	148,760,321	91,315,701	41,213,213	36,737,126	-215,684,529	-537,292,614	12,411,646	351,021,791	2,157,180,110	-796,011,534	0
	6	-203,760,817	-737,493	-76,451,502	-4,289,288	170,962,438	-4,089,125	379,997,510	122,348,912	-210,924,500	-97,174,327	-8,060,142	104,707,262	0
	7	-597,230,563	503,110,229	-129,074,876	1,522,966,580	-719,054,646	-213,254,383	992,386,245	-536,598,661	-657,342,128	-270,389,541	-4,589,906	-8,706,180,278	0
	8	-853,022	-54,942,705	13,617,349	-33,121,528	-39,055,352	-80,383,553	-49,919,379	-114,098,853	-55,127,654	-16,195,594	-23,148	-995,294,031	0
	9	-6,422,440	335,001	-36,619,883	7,325,723	-7,024,127	1,037	23,200	-836	3,473,483	1,218,136	-3,602,871	-41,587,160	0
{(ri - r)Xijk1}_PHL- NZL	0	-10,170,024	376,490,023	374,494,487	21,988,028	-10,907,667	33,826,073	-3,514,318	-85,937,903	17,560,962	699,747	9,187,806	-78,709,038	0
	1	856,213	-1,239,420	512,490	1,186,775	-79,688	-170,274	451,229	-215,095	1,768,781	-3,221	-43,798	-604,599	0
	2	422,006	1,273,143	-540,886	5,085,773	2,957,850	318,399	10,799,312	235,215	-2,235,728	17,459,505	-1,319,430	-2,042,516	0
	3	7,061,412	6,067,014	-3,565,465	3,699,964	-6,914,746	0	0	26,014,978	2,099,703,314	4,816,412,850	-339,569,724	-33,539,080	0
	4	-1,065,669	-1,229,691	-2,127,955	-2,583,379	-2,235,232	-6,413,096	-5,938,454	-47,279	-92,371	541,725	-14,398	4,799,112	0
	5	-4,318,739	2,350,599	-1,134,446	-15,417,856	4,461,467	6,123,647	-8,224,457	-27,952,292	121,656	17,818,520	-27,211,747	5,215,348	0
	6	4,807,959	-1,405,524	-35,671,788	4,652,950	19,881,300	-676,270	3,408,518	3,137,094	-388,205	-2,333,145	-13,797,048	-19,019,329	0
	7	-3,798,274	3,710,792	-4,992,028	-1,957,158	-17,669,050	15,525,020	7,694,505	-5,634,317	8,822,451	16,796,115	1,743,573	274,309,351	0
	8	690,172	-11,946,399	-15,436,211	3,054,973	-10,841,433	-14,912,647	7,916,652	1,609,646	17,502,400	2,541,394	-1,006,691	-27,687,467	0
	9	-1,700,251	3,781	-216,523	48,526	48,324,539	-5,506,527	-146,354,382	908	-19,140	795,664	470,016	2,429,478	0
{Xijk2 - Xijk1 - riXijk1}_IDN- NZL	0	128,756,866	-660,086,735	-240,187,212	6,918,367	149,541,404	-540,587,506	-827,787,117	-1,202,178,285	-538,244,972	-310,877,662	2,677,939	3,885,861	0
	1	1,333,860	-10,003,046	-6,577,008	-3,076,384	-468,221	684,220	-586,040	-234,062	203,049	-358,356	-9,774	783,443	0
	2	26,564,626	-21,443,307	-59,240,061	5,790,010	12,301,727	-104,568,453	93,897,554	-44,798,525	83,558,723	-32,973,795	7,465,552	38,376,358	0
	3	28,785,675	319,179,330	234,624,914	161,726,357	-438,472,205	2,104,054,807	703,113,577	-2,978,581,261	1,543,261,224	125,489,373	102,039,210	-1,093,363,025	0

Variable CMS_ASEAN- 5 New Zealand	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
	4	1,590,707	30,196,447	6,269,560	-2,774,547	2,750,097	59,080,557	-36,736,992	12,538,983	2,598,608	32,942,512	-1,693,014	-1,386,707	0
	5	33,447,941	213,643,866	161,458,075	7,671,055	165,597,183	-689,581,963	-107,095,404	-25,490,481	117,031,019	61,924,023	22,902,560	58,592,837	0
	6	89,618,393	7,089,456	192,584,455	43,256,952	105,391,510	-17,792,013	-460,678,126	-433,424,804	51,343,947	6,041,414	68,613,501	147,158,097	0
	7	24,042,572	-139,246,732	88,309,552	73,102,212	-49,830,399	144,592,766	270,589,088	365,814,569	176,101,946	-357,832,875	19,711,174	-89,464,333	0
	8	41,575,222	105,683,092	5,778,735	45,805,126	15,842,077	-75,209,699	-125,610,460	-89,298,804	-13,815,804	82,968,197	20,725,562	-32,030,234	0
	9	369,674	2,011,064	0	0	0	0	22,147	29,913	0	0	0	156,514	0
{Xijk2 – Xijk1 – riXijk1}_MYS- NZL	0	91,153,855	-1,006,641,677	-196,124,512	13,478,201	-1,874,513	-263,861,816	-878,753,989	-1,429,574,808	-626,463,538	-357,322,666	24,463,086	-49,019,691	0
	1	4,163,029	40,299,411	12,698,673	-3,184,836	162,609	-38,382,310	-6,005,978	3,548,958	1,004,825	-1,062,488	688,848	-4,324,500	0
	2	5,282,870	-1,771,097	-3,128,761	66,131	21,617,459	-59,324,713	-8,091,720	-20,643,783	3,547,160	15,976,140	2,003,598	26,520,314	0
	3	199,295,714	-5,078,484,378	-422,228,929	-187,852,923	-559,221,174	52,619,460	3,907,730,009	-5,238,350,925	-792,667,236	-57,188,012	81,727,482	-914,926,162	0
	4	55,538,243	-5,250,965	87,776,536	78,560,306	94,628,758	-446,066,107	-113,696,239	-167,790,674	-73,406,198	-127,614,936	17,416,722	5,721,239	0
	5	49,672,777	10,894,111	60,379,376	78,255,816	-43,147,429	160,626,593	-263,279,246	-755,702,322	-227,750,766	23,486,622	50,682,903	-39,889,122	0
	6	101,450,195	-33,995,042	30,729,319	31,717,209	22,345,176	-146,583,589	-189,118,629	-2,869,846,281	1,058,729,663	-60,611,280	38,892,444	-59,530,958	0
	7	192,711,784	-317,696,317	181,016,052	315,787,721	311,346,901	758,781,732	1,000,782,663	-1,392,699,429	42,229,788	-7,731,629	169,708,771	256,169,557	0
	8	70,587,493	-14,099,506	22,175,159	74,734,821	18,804,866	-66,194,895	-99,810,857	-206,182,830	-97,484,387	66,340,952	38,401,345	33,399,644	0
	9	2,876,343	-2,691,668	10,819,374	2,908,636	5,785,524	-8,960,652	-4,155,007	-268,050,109	2,427,890	-24,002,141	11,911,727	18,618,647	0
{Xijk2 – Xijk1 – riXijk1}_SGP- NZL	0	115,203,089	-39,370,866	-94,380,519	-103,182,536	2,213,855	-139,120,111	-63,683,859	-17,537,599	-25,214,566	-49,977,442	19,190,803	21,972,931	0
	1	37,824,617	-54,670,606	-37,245,328	39,665,933	-65,095,001	-206,653,278	-115,833,264	18,762,247	-27,666,964	32,729,230	3,184,475	-33,143,472	0
	2	633,314	5,409,722	581,282	5,526,051	-3,075,068	1,446,831	354,881	-14,891,478	6,631,680	5,828,767	1,871,155	21,009,181	0



Variable CMS_ASEAN- 5 New Zealand	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
	3	496,620,802	-3,514,113,874	98,966,519	1,704,761,535	1,752,475,502	-5,197,375,992	1,945,406,238	-8,008,358,436	1,979,159,821	1,126,614,044	369,675,416	-1,366,057,184	0
	4	539,785	4,508,101	1,112,549	3,046,765	7,356,391	7,504,542	-20,878,134	-112,423,362	7,583,249	-38,498,933	3,739,596	-7,004,575	0
	5	169,189,082	-183,217,694	136,320,026	278,043,957	112,551,265	-1,126,409,591	-721,530,111	-535,333,879	-71,159,867	-51,028,686	93,609,848	-149,446,641	0
	6	79,233,208	134,623,161	111,443,935	20,758,279	88,784,763	-83,711,360	-154,759,214	-604,663,252	-125,848,658	-255,405,936	28,810,751	48,396,663	0
	7	447,567,356	-1,092,466,278	-887,755,676	804,507,200	303,727,538	129,232,141	1,386,451,580	-3,137,283,136	-335,360,373	2,587,079,436	275,144,597	1,261,932,121	0
	8	131,726,376	-130,950,328	-41,760,419	94,879,956	127,480,216	23,652,174	-625,013,851	-90,407,660	-317,239,757	-36,133,810	31,390,080	496,022,883	0
	9	14,333,837	36,313,672	-753,241	6,097,799	31,417,393	9,493,947	210,628,675	-110,199,190	229,119,746	2,761,661,911	165,332,733	-2,180,983,402	0
	0	120,923,712	-243,424,604	-71,781,866	175,375,387	73,042,935	-346,015,736	-133,283,219	-72,562,894	-207,046,464	-267,467,164	51,881,878	-49,470,321	0
	1	605,939	576,826	5,076,874	2,180,651	-3,653,027	-573,681	-2,738,539	1,421,637	1,344,607	-1,770,258	429,433	1,449,193	0
{Xijk2 – Xijk1 – riXijk1}_THA- NZL	2	767,767	1,342,420	1,732,477	944,232	11,866,006	-19,219,099	5,414,198	-163,689,428	-44,277,339	59,822,827	3,764,401	-33,834,264	0
	3	8,204,488	-13,907,111	12,725,128	7,922,550	12,115,034	240,624,257	-254,953,608	-24,579,235	345,533,891	312,638,989	105,454,889	-788,848,348	0
	4	3,922,307	-11,762,334	7,063,827	9,518,524	2,953,095	-21,256,299	-3,910,622	21,956,293	-11,858,852	-22,873,263	229,763	-5,245,321	0
	5	114,208,910	-441,076,081	48,239,782	65,973,245	78,259,048	-172,550,796	-329,322,488	-1,045,031,520	-182,732,874	-510,818,470	29,183,583	-131,987,901	0
	6	107,195,266	87,101,504	29,150,804	83,961,582	146,947,240	-11,003,004	-564,014,428	-842,424,863	-158,699,950	-168,665,467	57,267,650	75,143,268	0
	7	979,114,629	2,811,914,832	480,310,303	173,622,238	-475,710,559	94,207,541	2,735,321,626	-1,939,577,213	-423,382,764	-342,708,228	223,018,594	-1,120,905,802	0
	8	61,457,105	-45,180,247	108,948,295	26,708,596	-4,058,325	-48,706,084	-75,612,003	-100,213,544	178,936	-66,726,108	38,432,765	-97,174,884	0
	9	2,535,251	-6,051,541	-14,474,251	-1,456,275	-3,479,912	5,187	9,179	27,608	10,691,384	5,398,186	2,533,069	-4,005,828	0
	0	19,194,516	-996,121,369	-454,983,223	7,153,834	9,467,318	-135,626,444	32,874,466	-162,785,874	-40,568,801	25,690,237	9,514,167	-16,179,942	0
	{Xijk2 – Xijk1 – riXijk1}_PHL- NZL	1	436,175	-1,344,281	38,085	-49,917	-70,873	-446,385	-787,195	248,115	480,654	-242,292	192,251	-55,051

Variable CMS_ASEAN- 5 New Zealand	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
	2	2,013,967	-4,474,656	1,394,738	-118,919	4,499,000	586,607	-8,951,336	1,807,235	-5,494,421	4,356,137	812,256	4,224	0
	3	39,693	-2,240,896	-2,789,914	877,163	-1,390,108	0	0	-226,398,100	851,703,165	1,047,332,342	-9,233,475	-13,400,128	0
	4	580,946	-2,305,034	-1,811,935	69,471	-952,570	-1,217,170	-1,152,470	-82,789	-346,429	121,010	11,699	1,999,417	0
	5	2,856,092	-8,261,673	4,159,840	18,031,573	521,114	-44,069,577	-13,530,237	-56,565,737	1,681,032	-26,899,610	2,215,640	3,633,703	0
	6	4,454,117	-7,158,595	-24,490,920	4,275,447	9,666,148	-13,879,541	-3,139,008	-20,595,675	2,887,378	-2,443,685	2,437,284	-551,705	0
	7	11,221,614	24,837,998	-317,407	7,645,066	-17,972,910	29,152,052	-18,865,487	-18,713,901	15,483,914	44,644,398	16,058,319	55,361,643	0
	8	8,399,265	-15,051,430	-34,282,548	9,038,577	-13,371,606	-16,279,459	21,730,550	4,974,642	18,240,111	21,602,242	6,365,756	2,060,572	0
	9	19,875	-49,548	-49,045	26,067	28,039,958	-21,350,242	-51,077,304	-4,599	-33,523	2,976,767	2,054	426,950	0
	CMS_IDN- NZZL	0	224,890,919	503,465,345	454,227,907	268,285,228	146,642,087	234,877,408	216,517,405	-507,414,868	218,897,095	-6,554,162	33,678,781	-9,036,800
1		2,400,343	-6,306,961	11,795,580	10,888,068	-106,511	212,147	300,174	626,192	1,012,772	13,586	35,731	2,085,476	0
2		26,302,747	38,447,349	-65,267,941	45,956,476	11,949,367	38,085,684	-71,313,027	-9,449,616	43,895,641	-241,175,682	-153,991,148	77,486,250	0
3		1,095,213,796	-586,737,088	277,587,620	524,992,377	2,219,219,773	7,414,167,190	-351,924,466	627,185,592	4,636,400,232	141,186,223	-155,351,852	-2,767,956,549	0
4		38,285,711	12,968,822	6,040,539	-32,343,254	4,331,488	272,565,201	-191,319,030	5,761,591	1,770,829	151,760,844	-73,770,978	-4,028,639	0
5		165,462,480	-4,684,594	-113,444,838	81,531,954	-36,007,733	113,449,774	-48,205,789	-2,717,901	20,613,209	5,460,330	-156,161,238	177,685,814	0
6		22,826,859	82,157,761	223,220,775	-35,340,327	134,148,829	83,045,462	377,133,397	145,474,103	53,373,637	43,833,662	-21,685,169	530,071,889	0
7		97,237,126	2,299,176	73,167,768	116,225,082	-30,665,089	111,100,396	-12,262,164	121,091,325	168,531,631	-147,079,010	22,430,752	-722,316,828	0
8		50,758,663	67,380,316	19,888,849	44,284,367	20,638,588	-57,102,067	-42,972,870	-63,439,819	-21,637,862	31,660,169	22,669,365	-374,566,074	0
9		13,555,466	-71,964	0	0	0	0	61,252	-905	0	0	0	1,106,261	0
CMS_MYS- NZZL	0	334,170,110	636,711,834	445,416,032	288,813,555	11,199,640	175,719,989	226,492,926	-608,053,069	247,213,580	-11,996,146	19,617,026	-176,654,268	0

Variable CMS_ASEAN- 5 New Zealand	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
CMS_ASEAN- 5 New Zealand	1	-13,351,281	29,266,654	-5,008,379	26,433,874	2,327,310	-9,139,738	3,875,276	-6,376,549	2,976,588	499,034	383,157	-12,546,323	0
	2	5,229,814	6,916,668	-3,719,963	14,529,256	23,749,486	18,839,996	13,443,114	-6,703,220	3,409,979	64,331,576	-27,978,810	61,731,552	0
	3	7,626,421,105	14,198,945,315	-702,862,832	3,462,628,797	4,156,298,619	-690,875,558	3,640,884,070	939,757,622	3,020,642,682	1,029,185,997	1,762,180,789	-2,381,922,148	0
	4	53,954,925	33,747,626	86,496,293	173,664,639	118,452,514	-2,351,322,251	-719,773,155	-38,102,957	7,391,553	-745,690,051	-121,587,064	-17,628,245	0
	5	175,998,971	75,796,653	69,775,721	52,591,539	133,013,974	43,114,585	-116,790,329	-305,078,212	59,299,496	59,866,756	264,411,905	-349,538,949	0
	6	207,374,682	102,342,259	3,985,674	-68,120,334	-111,575,637	61,814,676	208,047,408	574,948,947	-966,153,183	12,516,604	-666,512,811	-609,360,835	0
	7	119,047,025	90,371,804	195,785,152	524,392,044	298,124,948	592,979,455	606,652,003	-120,707,840	55,503,591	124,457,343	183,318,764	574,227,252	0
	8	96,876,633	27,161,381	44,803,715	73,359,336	31,303,318	-45,133,511	-17,391,602	-145,799,119	-130,663,859	45,749,510	42,797,480	-8,424,812	0
	9	-5,413,416	3,676,443	19,508,227	8,064,819	7,310,242	782,356	-17,935,076	22,805,045	9,451,202	1,173,369	9,825,584	61,112,823	0
CMS_SGP- NZL	0	61,557,712	172,638,915	237,301,605	251,525,869	6,865,585	73,422,196	47,528,749	8,476,985	42,091,411	15,801,719	23,744,975	24,682,124	0
	1	27,942,478	-23,529,623	142,003,537	28,669,649	326,343	-45,047,265	62,013,664	-30,312,405	-171,163,271	3,428,545	3,196,122	-93,629,658	0
	2	688,636	-323,717	578,443	-10,701,579	-3,634,886	907,460	1,645,031	-5,279,359	3,695,757	20,336,089	-3,671,415	49,258,841	0
	3	3,892,227,165	10,899,442,204	-81,666,909	5,023,798,092	4,281,178,332	21,204,311,818	2,963,960,102	2,015,676,498	8,246,016,923	7,468,036,010	3,670,942,346	-3,956,968,611	0
	4	14,127,572	2,383,893	1,104,920	16,142,535	12,428,530	26,764,488	-109,798,180	-40,565,392	6,454,436	-206,737,195	6,292,485	-22,858,245	0
	5	317,797,037	290,868,231	294,225,658	137,726,682	280,986,096	302,393,213	-327,521,639	-179,136,827	110,875,278	182,360,048	36,415,393	-999,872,051	0
	6	-143,333,513	67,943,934	127,089,228	-38,165,614	151,740,393	48,317,801	164,284,224	157,527,511	-111,220,741	-89,116,409	-149,740,475	130,535,841	0
	7	1,358,637,461	267,586,985	-297,290,730	1,420,259,963	352,224,117	260,969,731	1,013,441,499	-310,599,507	-283,390,890	1,023,457,994	283,057,844	6,604,514,819	0
	8	95,249,291	25,712,333	69,894,529	99,310,979	128,988,372	42,247,370	-213,167,145	-47,327,995	-408,100,994	41,278,485	60,694,001	3,409,770,115	0
	9	205,961,705	8,131,436	-12,386,836	12,601,540	52,227,461	10,586,977	563,272,034	30,936,470	109,033,604	926,805,809	254,257,231	16,495,298,500	0

Variable CMS_ASEAN- 5 New Zealand	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
	0	135,418,298	287,395,735	276,085,009	82,709,922	79,112,673	205,069,529	135,612,872	18,699,626	157,839,916	25,572,006	54,899,819	-230,225,147	0
CMS_THA- NZNL	1	519,739	591,034	-4,442,629	-1,327,499	-431,015	292,495	1,923,755	-2,054,697	5,720,460	315,589	262,151	3,215,241	0
	2	761,126	550,311	1,804,660	494,697	13,163,040	6,645,989	-2,423,754	-63,597,623	-13,421,076	273,206,110	-46,043,659	-91,927,696	0
	3	8,969,830	63,672,498	13,346,335	-806,831	20,138,874	825,086,609	236,773,096	11,503,138	-805,956,754	1,237,316,801	843,569,214	-2,001,189,852	0
	4	17,348,822	-1,267,460	7,006,638	31,821,498	-288,769	-122,459,954	-37,278,732	10,869,630	-1,313,557	-118,416,838	-11,257,842	-13,873,632	0
	5	223,242,591	291,448,877	301,617,215	225,281,760	167,108,738	148,243,335	-127,427,003	-402,985,198	120,850,173	424,867,458	2,109,104,471	-760,701,449	0
	6	-110,394,779	93,108,715	9,567,609	81,282,461	265,425,940	85,289,406	434,917,019	213,730,972	-139,947,871	-39,584,556	49,343,765	163,368,796	0
	7	285,227,643	1,237,677,600	574,731,504	-934,436,449	-284,706,017	204,694,655	1,244,036,241	-195,910,681	-378,998,468	-26,739,007	227,155,996	-8,570,330,238	0
	8	60,861,391	14,965,072	88,248,397	31,089,894	15,265,514	-31,030,037	-7,156,368	-65,526,155	-10,503,643	22,208,190	38,397,358	-966,486,522	0
	9	-3,778,729	3,645,194	-35,461,320	7,915,750	-7,023,731	1,664	24,278	-836	4,345,846	2,343,320	-1,665,337	-40,070,979	0
	CMS_PHL- NZNL	0	7,197,017	471,539,892	402,999,252	45,850,528	10,869,336	48,014,013	11,659,123	-63,533,291	34,827,261	18,436,623	22,180,178	-67,784,829
1		1,174,159	-794,066	908,571	1,485,884	165,820	41,875	610,674	-59,253	1,951,126	155,403	134,229	-443,096	0
2		1,929,010	3,238,635	1,355,554	6,544,020	4,856,625	2,153,909	12,065,939	1,479,875	-1,540,943	18,358,820	-470,348	-1,253,330	0
3		7,319,011	6,516,120	-3,508,228	3,935,475	-6,914,746	0	0	35,214,403	2,021,759,832	4,801,329,391	-338,517,139	-33,511,116	0
4		-539,249	-486,243	-1,693,667	-2,228,412	-2,069,694	-6,314,224	-5,905,576	-9,701	-86,126	554,381	-2,294	4,952,106	0
5		-1,886,215	5,602,822	2,227,584	-8,866,274	10,139,387	9,403,037	-5,831,583	-23,163,703	4,656,684	20,597,550	-24,757,793	7,752,940	0
6		9,588,392	4,290,023	-33,628,315	7,181,714	23,444,090	2,045,554	5,821,250	6,484,746	2,921,891	655,534	-11,126,524	-16,577,244	0
7		6,808,623	13,226,890	3,334,375	6,221,104	-13,279,430	21,108,538	11,988,617	-405,301	14,888,215	25,016,954	14,486,639	290,073,849	0
8		8,881,251	-1,973,806	-10,817,774	8,634,467	-8,007,473	-13,000,223	10,874,256	4,485,290	21,631,707	7,646,772	4,825,925	-22,122,269	0

Variable CMS_ASEAN- 5 New Zealand	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
	9	-1,651,663	59,891	-173,135	88,148	52,420,700	-2,637,241	-146,330,163	26,298	1,443	981,385	549,761	2,533,838	0
rxij1_IDN- NZL	All_c	1,736,934,109	108,918,160	887,216,259	1,024,479,972	1,968,288,746	8,210,401,196	-123,985,119	317,115,695	5,122,857,184	-20,894,039	-482,145,756	-3,089,469,201	0
rxij1_MYS- NZL	All_c	8,600,308,569	15,204,936,636	154,179,640	2,368,900,069	3,642,392,824	-2,203,220,002	3,827,504,635	306,690,648	2,309,071,628	1,478,278,003	2,057,905,557	-2,859,003,952	0
rxij1_SGP- NZL	All_c	5,966,273,842	11,998,250,326	756,938,453	7,023,878,038	5,342,443,017	20,278,680,319	4,301,271,212	1,618,095,604	7,702,131,428	7,571,764,906	3,101,796,364	11,580,090,473	0
rxij1_THA- NZL	All_c	482,757,635	1,704,391,840	956,418,409	-558,684,721	188,652,573	1,116,764,160	1,743,388,532	-493,971,449	1,219,224,891	1,775,517,068	1,009,342,824	12,277,996,330	0
rxij1_PHL- NZL	All_c	38,820,337	501,220,158	361,004,216	68,846,654	71,624,616	60,815,239	-105,047,463	-39,480,637	1,942,508,574	4,708,925,969	-332,697,365	163,620,849	0
{(ri - r)Xijk1}_IDN- NZL	All_c	60,168,094	634,394,074	86,492,113	102,590,632	409,054,859	-484,425,418	840,333,662	4,937,895,674	2,026,697,331	712,720,230	32,829,168	1,154,462,616	0
{(ri - r)Xijk1}_MYS- NZL	All_c	258,300,665	8,010,774,357	1,597,370,128	764,582,873	1,110,470,714	988,206,183	7,011,898,207	13,409,364,278	3,573,848,502	1,204,990,090	101,250,826	1,174,768,879	0
{(ri - r)Xijk1}_SGP- NZL	All_c	234,551,660	7,064,279,362	2,587,661,233	-766,854,874	-231,385,619	8,288,524,792	6,184,818,279	14,542,422,284	4,195,643,312	2,739,743,767	170,585,670	2,833,619,309	0
{(ri - r)Xijk1}_THA- NZL	All_c	-97,522,865	-902,362,265	553,938,439	482,205,228	1,016,465,627	1,084,307,710	4,635,474,071	4,897,653,767	1,288,733,537	1,531,064,479	6,640,885	2,484,164,697	0
{(ri - r)Xijk1}_PHL- NZL	All_c	-3,180,729	1,139,315,323	562,814,871	2,139,696	26,211,804	235,831,072	71,611,953	527,425,091	-729,879,147	1,030,697,715	10,488,123	5,169,906	0
{Xijk2 - Xijk1 - riXijk1}_IDN- NZL	All_c	1,300,680,479	-372,499,349	417,703,134	583,470,193	2,339,996,777	7,814,153,899	-473,447,009	-225,157,223	4,760,644,561	-340,937,099	-757,407,634	-3,276,640,629	0
{Xijk2 - Xijk1 - riXijk1}_MYS- NZL	All_c	7,569,275,601	13,603,599,407	1,227,302,776	3,537,954,023	4,623,311,715	-3,134,079,888	3,287,030,766	-757,381,426	1,562,515,251	2,153,538,655	2,595,053,309	-3,306,511,799	0
{Xijk2 - Xijk1 - riXijk1}_SGP- NZL	All_c	4,103,432,418	9,480,510,219	1,393,336,918	4,853,918,049	3,136,879,109	22,190,333,942	2,803,412,755	-330,690,561	5,986,963,530	8,992,562,302	4,319,231,306	12,296,183,140	0
{Xijk2 - Xijk1 - riXijk1}_PHL- NZL	All_c	-683,236,577	754,616,176	71,573,604	1,502,930,757	-586,981,915	522,013,693	1,337,260,491	-1,208,252,429	1,679,869,087	1,273,193,551	1,473,279,916	12,837,505,965	0

Variable CMS_ASEAN- 5 New Zealand	Code_c	Year												
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
riXijk1}_THA- NZNL														
{Xijk2 - Xijk1 - riXijk1}_PHL- NZNL	All_c	-7,215,194	374,074,318	311,321,674	19,758,596	26,977,341	28,114,326	-133,761,395	-88,789,045	2,056,662,508	4,762,096,546	-371,561,440	125,151,260	0
CMS_IDN- NZNL	All_c	376,085,536	-152,976,565	383,021,012	338,419,147	-37,346,828	880,672,715	-490,871,772	-4,395,622,756	1,664,484,708	-392,677,170	242,432,710	-967,291,188	0
CMS_MYS- NZNL	All_c	772,732,303	-6,409,437,128	-215,887,712	404,471,081	-129,551,823	-57,346,297	6,471,424,338	12,345,292,204	2,827,292,125	-529,729,438	435,896,926	-727,261,032	0
CMS_SGP- NZNL	All_c	1,492,871,466	-4,833,934,990	-713,470,871	2,854,104,941	2,357,836,853	-6,581,940,698	4,822,572,694	12,612,335,745	2,638,315,330	1,344,518,378	991,949,453	-1,887,301,495	0
CMS_THA- NZNL	All_c	1,398,935,375	2,139,533,664	606,991,374	544,750,730	-161,718,465	-284,487,714	4,093,733,158	-4,164,673,160	-670,249,425	1,003,168,956	512,196,026	-2,154,880,209	0
CMS_PHL- NZNL	All_c	49,216,260	-1,012,169,483	-513,132,329	46,948,362	18,435,471	-203,130,159	-42,898,021	-478,116,683	844,033,081	-977,527,138	28,375,952	33,299,683	0

Source: UN-COMTRADE, Author Estimation