

Cointegration	incep										mtd										
	0.71%										0.69%										
Open	OneSide PnL	Exp PnL	Incep PnL	T-2	T-1	T0	TH	pADF	pADF_TH	Enter Date	Exit Date	HP <sup>exp</sup> HP	Beta	Rsqr	nT	nC	win-dow	W/L	MTD OneSide PnL	MTD PnL	pair weights
MITSUBISHI UFJ F NOMURA-ETF BAN	-0.34%	1.50%	-0.34%	-1.48	-0.91	-1.49	1.40	0.00	0.05	7/28/2017		2 21	0.97	0.94	5 34	120	79.59%		0.00%	0.00%	9.69%
MITSUBISHI UFJ F NOMURA-ETF BAN	-6.41%	0.43%	-1.01%	-1.41	-1.06	-1.68	1.30	0.04	0.11	7/11/2017		14 8	0.81	0.86	9 53	60	71.95%		-4.88%	-0.75%	9.43%
INNOLUX AU OPTRONICS	2.35%	0.34%	-0.05%	1.10	0.61	0.52	1.10	0.10	0.05	7/14/2017		12 9	1.05	0.92	4 23	60	64.29%		1.36%	0.14%	9.80%
NTT DOCOMO INC KDDI CORP	0.00%	1.07%	0.00%	-1.11	-2.92	-2.66	2.90	0.20	0.10	7/31/2017		0 9	0.58	0.88	1 24	60	57.14%		-0.38%	0.68%	9.19%
CNOOC SINOPEC SHANG-	-0.15%	0.84%	0.53%	1.50	0.67	0.83	1.30	0.09	0.15	7/28/2017		2 4	-0.02	0.35	2 26	30	66.67%		0.00%	0.00%	8.12%
CHINA EASTERN A AIR CHINA LTD-H	0.00%	0.31%	-0.14%	-0.84	-1.21	-1.17	1.20	0.16	0.05	7/28/2017		2 6	0.50	0.55	5 34	30	63.27%		0.00%	0.00%	8.89%

Close	OneSide PnL	Exp PnL	Incep PnL	T-2	T-1	T0	TH	pADF	pADF_TH	Enter Date	Exit Date	HP <sup>exp</sup> HP	Beta	Rsqr	nT	nC	win-dow	W/L	MTD OneSide PnL	MTD PnL	pair weights
COSCO SHIP HOL COSCO SHIPPING	0.96%	4.83%	0.23%	2.36	2.11	1.79	2.40	0.43	0.20	7/26/2017	7/28/2017	4 21	0.68	0.47	1 14	120	71.43%		-0.19%	-1.13%	9.23%
NIPPON TELEGRA NTT DOCOMO INC	2.93%	2.86%	0.04%	4.29	4.15	2.58	2.80	0.98	0.15	6/28/2017	7/12/2017	24 22	0.82	0.39	1 16	120	90.91%		1.03%	0.71%	4.79%
COSCO SHIP ENG PACIFIC BASIN	1.58%	0.51%	2.16%	1.77	1.50	-0.62	2.00	0.05	0.15	7/14/2017	7/19/2017	12 8	0.10	0.83	2 23	60	55.00%		1.88%	3.65%	8.28%
TOYOTA MOTOR HONDA MOTOR C	5.57%	0.38%	2.02%	-0.32	0.61	1.57	2.50	0.89	0.10	6/19/2017	7/5/2017	30 11	0.63	0.14	2 25	60	61.11%		3.01%	0.30%	4.46%
HONDA MOTOR C SUBARU CORP	0.14%	5.74%	4.29%	-0.50	-0.25	0.87	3.40	0.05	0.05	7/12/2017	7/31/2017	14 15	0.52	0.22	1 23	60	71.43%		0.46%	3.61%	8.88%
MIZUHO FINANCIA NOMURA-ETF BAN	-2.83%	0.47%	1.56%	-0.02	-0.49	0.30	1.10	0.02	0.05	7/11/2017	7/19/2017	14 7	0.71	0.82	7 41	30	67.19%		-1.79%	1.31%	9.25%

Single\_Factor 1.33% 3.03%  
Open

Factor	Name	MTD Oneside PnL%	MTD Combine d PnL%	MTD D.PnL	Incep Oneside PnL%	Incep PnL%	Incep D.PnL	f chg f px	effect	z sprea d	exp PnL	exp Vol	WinP	nT	exp HP	HP	Enter Date	Exit Date	pair weights
LA1	Generic 1st 'NH' Future HITACHI CONST MA	-0.40% -2.21%	-2.61%	(101) (507)	-0.05% -0.05%	-0.10%	(13) (11)	(2.43) (0.19)	1	0.70	1.15%	6.10%	68.00%	63	11	-1	7/31/2017 7/31/2017		5.36%
JPYKRW	Generic 1st 'NH' Future PANASONIC CORP	-0.40% -2.20%	-2.60%	(199) (909)	-0.05% -0.05%	-0.10%	(25) (21)	1.10 0.24	(1)	1.19	2.51%	6.69%	67.00%	55	12	-1	7/31/2017 7/31/2017		10.12%
BRPBADSE	NSSMC Generic 1st 'NH' Future	0.11% 0.40%	0.51%	46 203	-0.05% -0.05%	-0.10%	(21) (25)	1.26 1.55	1	-2.20	2.10%	5.35%	0.74%	31	13	-1	7/31/2017 7/31/2017		10.27%
USDAUD	CNOOC Generic 1st 'HC' Future	2.40% -4.80%	-2.40%	537 (1,230)	0.17% -3.69%	-3.51%	39 (945)	(0.48) (1.37)	(1)	-0.10	0.19%	4.53%	58.00%	50	11	39	6/5/2017 6/5/2017		5.23%
SHSPCBCF	Generic 1st 'HC' Future COSCO SHIP ENG-H	4.80% 0.00%	4.80%	1,230 0	3.58% -1.75%	1.83%	916 (520)	(0.32) 0.60	1	-0.96	0.88%	8.64%	55.00%	20	16	24	6/26/2017 6/26/2017		6.02%
DXY	Generic 1st 'HC' Future HUANENG POWER-H	4.80% -1.63%	3.17%	1,263 (391)	4.21% -0.16%	4.05%	1,107 (38)	(1.29) (2.14)	1	-2.85	0.85%	7.91%	59.00%	34	13	24	6/27/2017 6/27/2017		5.47%
DXY	Generic 1st 'HC' Future CHINA COAL ENE-H	4.80% -2.07%	2.73%	1,263 (399)	4.21% -3.52%	0.69%	1,107 (677)	(1.62) (1.07)	1	1.72	0.35%	5.83%	51.00%	39	10	24	6/27/2017 6/27/2017		4.88%
.USSLOP JPCD/CS	NOMURA HOLDINGS Generic 1st 'NH' Future	-2.48% 1.10%	-1.38%	(413) 269	-2.53% 1.05%	-1.48%	(421) 256	1.03 (0.97)	1	-2.22	0.50%	4.81%	61.00%	59	8	20	6/30/2017 6/30/2017		4.64%

Close

Factor	Name	MTD Oneside PnL%	MTD Combine d PnL%	MTD D.PnL	Incep Oneside PnL%	Incep PnL%	Incep D.PnL	f chg f px	effect	z sprea d	Exp PnL	exp Vol	WinP	nT	exp HP	HP	Enter Date	Exit Date	pair weights
.CNY/CNH	Generic 1st 'HC' Future SINOPEC CORP-H	3.45% -0.66%	2.80%	873 (135)	2.02% 4.07%	6.09%	510 836	0.59 (0.07)	1	0.27	0.44%	3.10%	54.00%	46	3	39	6/5/2017 6/5/2017	7/13/2017 7/13/2017	5.14%
NG1	SINOPEC SHANG-H Generic 1st 'HC' Future	4.15% -4.52%	-0.37%	2,439 (2,339)	7.37% -3.40%	3.96%	4,331 (1,761)	1.11 (0.65)	1	-1.53	1.72%	5.66%	57.00%	30	10	39	6/5/2017 6/5/2017	7/25/2017 7/25/2017	11.64%
MT NA	POSCO-SPON ADR ISHARES MSCI SOU	10.97% -4.44%	6.53%	4,000 (2,520)	13.82% -3.94%	9.88%	5,041 (2,238)	(0.04) 1.27	1	1.65	2.24%	5.52%	68.00%	41	11	24	6/27/2017 6/27/2017	7/20/2017 7/20/2017	9.58%
.BASEPREC	KOBE STEEL LTD Generic 1st 'NH' Future	6.93% 0.93%	7.86%	2,945 469	14.93% -0.80%	14.13%	6,340 (405)	(0.43) 0.97	1	1.00	2.22%	7.42%	62.00%	58	9	35	6/9/2017 6/9/2017	7/28/2017 7/28/2017	9.61%
SMH	ISHARES MSCI SOU SAMSUN-GDR	-1.27% -0.48%	-1.75%	(680) (255)	-1.82% 0.67%	-1.15%	(974) 357	(1.48) (0.12)	1	0.96	1.12%	3.37%	67.00%	48	9	24	6/27/2017 6/27/2017	7/7/2017 7/7/2017	12.02%

multi-factor 1.72% 1.76%

Open

Name	MTD Oneside PnL%	MTD Combine d PnL%	MTD D.PnL	Incep Oneside PnL%	Incep PnL%	Incep D.PnL	exp PnL	exp Vol	WinP	nT	exp HP	HP	Enter Date	Exit Date	425,049 pair weights
MITSUI OSK LINES	2.08%	2.75%	760	2.03%	2.65%	742	5.11%	5.22%	86.00%	2	12 4		7/24/2017		43,237 10.17%
Generic 1st 'NH' Future	0.67%		336	0.63%		311							7/24/2017		
AU OPTR-SPON ADR	0.75%	1.02%	150	0.55%	0.80%	110	4.56%	4.00%	90.00%	1	11 4		7/24/2017		22,837 5.37%
ISHARES MSCI TAI	0.27%		70	0.25%		64							7/24/2017		
Generic 1st 'HC' Future	0.17%	11.87%	83	0.01%	13.08%	4	4.64%	7.41%	74.00%	3	8 5		7/21/2017		51,311 12.07%
GCL-POLY ENERGY	11.70%		6,186	13.07%		6,103							7/21/2017		
MITSUBISHI UFJ F	-2.99%	-2.44%	(547)	-3.04%	-2.54%	(556)	3.69%	4.45%	82.00%	2	10 9		7/14/2017		21,823 5.13%
Generic 1st 'NH' Future	0.55%		139	0.50%		127							7/14/2017		
Generic 1st 'NH' Future	-0.28%	0.02%	(137)	-0.33%	-0.08%	(162)	3.08%	3.41%	81.00%	3	10 7		7/20/2017		59,077 13.90%
NIPPON TELEGRAPH	0.30%		203	0.25%		168							7/20/2017		
SOFTBANK GROUP C	0.27%	0.74%	109	0.22%	0.65%	88	3.71%	3.33%	86.00%	3	5 17		7/6/2017		45,102 10.61%
Generic 1st 'NH' Future	0.47%		236	0.43%		211							7/6/2017		
Generic 1st 'HC' Future	6.30%	-3.56%	3,159	6.13%	-2.98%	3,080	6.78%	5.74%	100.00%	3	9 15		7/7/2017		43,426 10.22%
YANZHOU COAL-H	-9.86%		(3,616)	-9.12%		(3,674)							7/7/2017		
Generic 1st 'NH' Future	0.18%	0.18%	44	0.13%	0.08%	32	1.40%	4.41%	67.00%	3	8 18		7/5/2017		24,242 5.70%
INPEX CORP	0.00%		0	-0.05%		(12)							7/5/2017		
PETROCHINA -ADR	5.99%	-1.57%	1,095	5.97%	-1.07%	1,093	0.47%	3.16%	58.00%	3	8 15		7/7/2017		21,008 4.94%
ISHARES CHINA LA	-7.56%		(1,794)	-7.05%		(1,799)							7/7/2017		
ANGANG STEEL-H	4.45%	3.45%	1,795	4.28%	3.14%	1,731	7.81%	7.21%	86.00%	2	9 12		7/13/2017		45,184 10.63%
Generic 1st 'HC' Future	-1.00%		(499)	-1.14%		(578)							7/13/2017		
Generic 1st 'HC' Future	2.72%	-6.19%	679	2.56%	-5.76%	639	3.24%	10.72%	71.00%	2	10 14		7/11/2017		24,257 5.71%
MAANSHAN IRON-H	-8.91%		(2,100)	-8.32%		(2,137)							7/11/2017		

Close

Name	MTD Oneside PnL%	MTD Combine d PnL%	MTD D.PnL	Incep Oneside PnL%	Incep PnL%	Incep D.PnL	Exp PnL	exp Vol	WinP	nT	exp HP	HP	O.E.D	Exit Date	pair weights
Generic 1st 'HC' Future	4.00%	7.44%	1,003	4.37%	5.30%	1,090	7.05%	9.33%	80.00%	1	11 68		4/26/2017 7/14/2017	23,545 5.54%	
SHANGHAI ELECT-H	3.44%		781	0.94%		205							4/26/2017 7/14/2017		

Autocorrelatio  
Open

-0.13%

0.81%

z_v	Name	MTD Oneside PnL	MTD Combine d PnL	MTD D.PnL	Incep OneSid e PnL	Incep PnL	Incep D.PnL	Exp PnL	Exp Vol	WinP	nT	ex p HP HP	Enter Date	Exit Date	pair weights
0.28 (1.12)	NIDEC CORP ISHARES MSCI JPN	3.39% -1.89%	1.50%	3,250 (2,448)	3.34% -1.90%	1.44%	3,202 (2,467)	2.89%	1.56%	83.00%	6	7 6	7/24/2017	7/24/2017	25.97%
(0.26) (1.12)	KUBOTA CORP ISHARES MSCI JPN	1.25% -0.58%	0.67%	238 (192)	1.20% -0.60%	0.60%	229 (197)	0.25%	0.37%	67.00%	3	6 3	7/28/2017	7/28/2017	5.98%
0.46 (1.12)	POSCO ISHARES MSCI SOU	0.60% -0.79%	-0.19%	451 (825)	0.60% -0.80%	-0.20%	451 (837)	4.26%	1.64%	73.00%	15	7 3	7/28/2017	7/28/2017	20.66%
(1.12)	ISHARES MSCI JPN	0.58%	-1.62%	192	0.57%	-1.68%	187	0.76%	0.46%	100.00%	3	11 3	7/28/2017		5.89%
0.16	MITSUBISHI UFJ F	-2.20%		(403)	-2.25%		(412)						7/28/2017		

Close

z_v	Name	MTD Oneside PnL	MTD Combine d PnL	MTD D.PnL	Incep OneSid e PnL	Incep PnL	D.PnL	Exp PnL	Exp Vol	WinP	nT	ex p HP HP	Enter Date	Exit Date	pair weights
(0.59) (0.94)	CHINA UNICOM ISHARES CHINA LA	2.95% -5.92%	-2.96%	736 (1,404)	2.79% -5.94%	-3.15%	697 (1,409)	0.34%	0.29%	100.00%	3	28 18	7/7/2017	7/14/2017	5.61%
(1.02) (0.94)	PETROCHINA-H ISHARES CHINA LA	0.82% 0.00%	0.82%	742 0	0.66% -0.02%	0.64%	598 (21)	3.41%	1.90%	80.00%	5	6 21	7/3/2017	7/5/2017	22.43%
0.50 (0.94)	HSBC HOLDINGS PL ISHARES CHINA LA	2.11% -2.82%	-0.71%	589 (678)	9.46% -3.07%	6.39%	2,465 (737)	0.86%	0.83%	100.00%	3	11 25	6/27/2017	7/13/2017	5.76%
(1.12) (1.15)	ISHARES MSCI JPN NIPPON TELEGRAPH	0.34% 1.09%	1.43%	108 367	-0.90% 3.37%	2.46%	(293) 1,158	0.26%	0.50%	67.00%	3	10 29	6/22/2017	7/12/2017	7.69%

7/31/2017	mov_ab	mov_zd	5_zdis	1_zdis	sea_zdis	D_exit	L_zcor	L_corr	corr_ente	corr_exit	exp_R	std	nT	exp_HP	WL	
OEX Index	1.02	<b>2.78</b>	<b>2.43</b>	<b>0.17</b>	1.05	(1.00)	<b>2.22</b>	<b>0.24</b>	(0.70)	<b>0.80</b>	2.16%	1.88%	4	8	1.00	
NKY Index	0.96	<b>0.61</b>	<b>0.40</b>	<b>1.94</b>	0.25	(0.10)	(0.88)	(0.28)	(0.50)	<b>0.70</b>	2.78%	2.75%	26	9	0.93	
HSI Index	0.76	<b>0.49</b>	(0.89)	<b>0.53</b>	(0.12)	0.00	(0.13)	(0.11)	(0.90)	<b>0.90</b>	-0.13%	2.94%	24	7	0.47	
HSCEI Index	0.85	(0.45)	(0.56)	<b>0.01</b>	0.88	0.30	(0.87)	(0.29)	(1.00)	<b>0.70</b>	0.51%	3.40%	30	7	0.59	
SHCSI100 Inde	1.40	<b>0.98</b>	<b>1.21</b>	<b>1.92</b>	1.11	(0.50)	(0.39)	(0.04)	<b>0.20</b>	<b>0.90</b>	1.71%	5.67%	28	9	0.74	
KOSPI2 Index	1.71	<b>3.59</b>	<b>1.57</b>	<b>2.58</b>	(0.59)	(1.00)	(2.14)	(0.33)	(0.70)	<b>0.90</b>	2.39%		1	21	1.00	
TAMSCI Index	0.77	(0.37)	(0.03)	(0.38)	0.77	0.00	(0.15)	<b>0.08</b>	(0.70)	<b>0.80</b>	0.35%	1.98%	32	8	0.61	
E100 Index	0.86	<b>1.42</b>	<b>1.69</b>	<b>0.33</b>	0.47	0.00	(0.24)	(0.36)	(1.00)	<b>0.90</b>	2.01%	2.40%	12	9	0.88	

		gl_zd_enter			gl_zd_exit		gl_corr_e	gl_corr	gl_expR	gl_std	gl_nT	gl_expH	gl_WL	gl_avgR
OEX Index		<b>0.60</b>			(1.00)		(0.80)	<b>0.60</b>	2.10%	2.72%	18	11	0.90	1.37%
NKY Index		<b>1.50</b>			(0.10)		(0.80)	<b>0.60</b>	3.80%	2.07%	10	7	1.00	2.64%
HSI Index		<b>1.30</b>			(0.20)		(0.20)	<b>0.90</b>	0.56%	3.61%	19	8	0.60	0.34%
HSCEI Index		(1.00)			0.10		(0.60)	<b>0.40</b>	0.76%	3.15%	23	7	0.65	0.36%
SHCSI100 Index		<b>0.50</b>			(1.00)		(0.20)	<b>0.90</b>	1.49%	4.58%	32	10	0.72	0.60%
KOSPI2 Index		<b>0.40</b>			(0.90)		(0.60)	<b>0.70</b>	0.33%	2.28%	38	8	0.60	0.05%
TAMSCI Index		(1.80)			0.00		<b>0.20</b>	<b>0.90</b>	0.79%	1.69%	13	8	0.82	0.55%
E100 Index		<b>2.40</b>			0.00		(1.00)	<b>0.60</b>	3.41%	1.83%	6	7	1.00	2.86%



