

	stock_1	stock_2	Co-integration
0	ZC	ZW	0.008010
1	ZR	ZS	0.044650
2	ZW	GC	0.036777
3	LE	HE	0.031638
4	LE	FC	0.006209
5	LE	DC	0.009452
6	LE	HO	0.007872
7	LE	NG	0.032584
8	LE	CL	0.013279
9	LE	QS	0.007859
10	LE	GC	0.035460
11	LE	HG	0.035263
12	LE	PA	0.033950
13	LE	SI	0.000056
14	LE	PL	0.032909
15	LE	SB	0.033298
16	LE	KC	0.003722
17	LE	CC	0.005467
18	LE	CT	0.024029
19	DC	HO	0.000140
20	DC	NG	0.000676
21	DC	CL	0.000079
22	DC	QS	0.000101
23	DC	GC	0.000702
24	DC	HG	0.000370
25	DC	PA	0.000657
26	DC	SI	0.000796
27	DC	PL	0.000357
28	DC	SB	0.000727
29	DC	KC	0.000746
30	DC	CC	0.000146
31	DC	CT	0.000794
32	HO	NG	0.012518
33	HO	CL	0.000029
34	HO	QS	0.002530
35	NG	CL	0.000880
36	NG	QS	0.003037
37	NG	GC	0.006600
38	NG	HG	0.019964
39	NG	PA	0.000034
40	NG	PL	0.000023
41	NG	SB	0.048182
42	NG	CC	0.029865
43	NG	CT	0.024053
44	CL	QS	0.008850

	stock_1	stock_2	Co-integration
45	CL	PA	0.020354
46	CL	PL	0.015839
47	CL	CC	0.024795
48	QS	PL	0.038623
49	PA	PL	0.019180
50	SI	KC	0.006476
51	SI	CC	0.036895
52	SI	CT	0.036844
53	SB	CT	0.018847