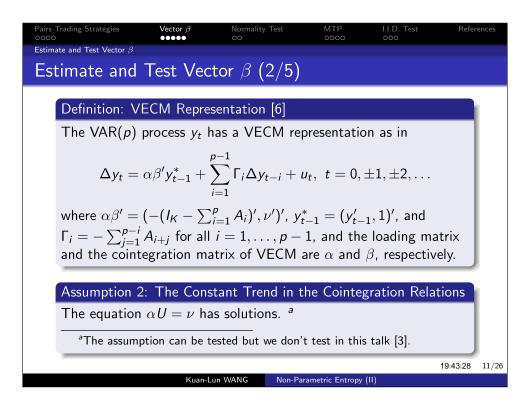
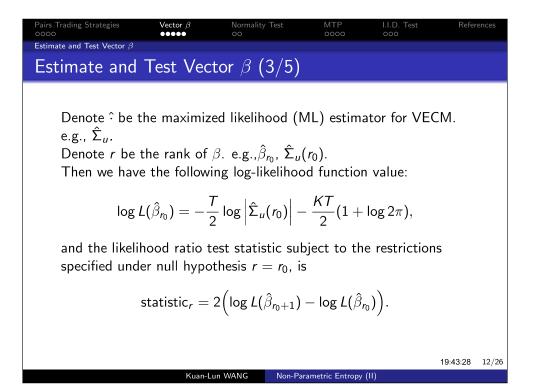
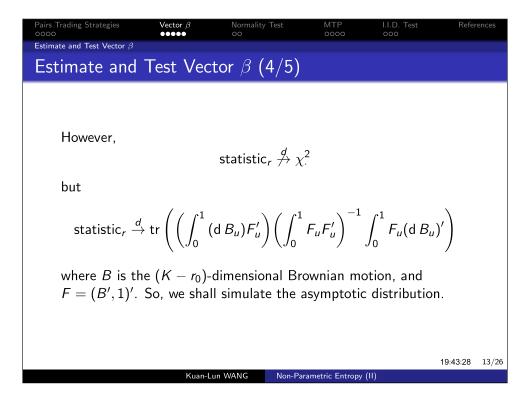


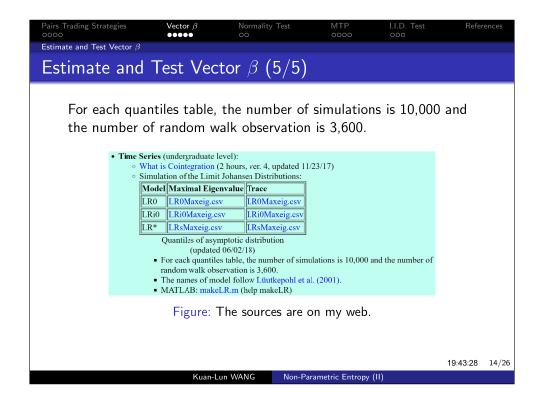
Pairs Trading Strategies ○○○●	Vector β 00000	Normality Test 00	MTP 0000	I.I.D. Test 000	Refere	nces							
Empirical analysis													
Empirical analysis													
 Minute b 	ar of S&P	500 at 1.4.201	ō;										
• The number of stocks is 420:													
 Quandl sells data but I haven't money. 													
 Univariate pairs trading; 													
• The number of PTS is 88,410;													
 My master thesis proposed a search algorithm. 													
 Only observed 	ervation no	t moving windo	ows;										
• The chan		lows has some p	roblem. e.g	g., structural									
• A structural change case is solved by my master thesis.													
					19:43:28	9/26							
	Kuan-L	un WANG Non-Pa	rametric Entropy	(11)									

Pairs 0000	Trading Strategies	Vector β	Normality Test 00	MTP 0000	I.I.D. Test 000	Refer	ences
Estima	ate and Test Vector eta						
Est	timate and $$	Fest Vec	tor eta (1/5)				
	Definition: VA	R(<i>p</i>) [6]					
	Let y _t be a K-	dimension	al process as ir	1			
	200 97 80 4 11			•			
	$y_t =$	$\nu + \sum_{i=1}^{p} A$	$a_i y_{t-i} + u_t, t$	$t=0,\pm 1,\pm 1$	$\pm 2, \ldots,$		
	where ν is a (μ constant matri distributed error VAR(p) proces	es with A_μ ors that ar	, $ eq$ 0, and u_t is	s independ	ent identicaÍl	y	,
	In this section, distributed erro		-	endent ide	ntically		~
				. –		19:43:28	10/26
		Kuan-L	un WANG Non-P	arametric Entropy	(11)		









$$\frac{\operatorname{Normality Test}}{\operatorname{Occon}} \underbrace{\operatorname{Normality Test}}_{0} \underbrace{\operatorname{MTP}}_{0,0} \underbrace{\operatorname{HO}}_{0,0} \underbrace{\operatorname{Normality Test}}_{0,0} \underbrace{\operatorname{Normality$$

