

ภาคผนวก ข

ตารางแสดงค่าสัมประสิทธิ์(b) ของ Lee (1995)

Fitted Coefficients for Lee-Gurband Test:

$$\alpha_i = b_{i0} + b_{i1} / f_1 + b_{i2} / f_2 + b_{i3} / (f_1 f_2) + b_{i4} / f_1^2 + b_{i5} / f_2^2$$

α	i	b_0	b_1	b_2	b_3	b_4	b_5
0.05	2	0.0313	-13.62383	-10.10247	-29.15488	25.12074	-5.62334
	3	-0.0306	10.23573	13.49515	-9.82230	-12.20725	32.39616
	4	0.0242	-8.11294	-4.70330	-12.56419	14.80986	3.52759
0.025	2	-0.0263	-17.62067	-15.44939	-58.30456	38.63025	-9.89857
	3	0.0233	13.54019	19.65693	-20.45043	-11.31067	61.17970
	4	-0.0131	-8.87175	-5.62154	-23.34027	19.81329	5.74252
0.01	2	0.1113	-23.84503	-31.63815	-46.09397	53.07642	-16.50011
	3	-0.0781	17.47112	37.47892	-112.38413	12.72769	112.37644
	4	0.0374	-10.12487	-10.17342	-13.69522	24.17132	10.81035
0.005	2	0.0032	-29.27162	-36.47674	-131.65988	97.04305	-13.88870
	3	0.0364	22.24399	42.73189	-115.38847	13.14024	163.36405
	4	0.0017	-11.23428	-10.53649	-30.73799	36.11356	19.05668

ที่มา : A.F.S. Lee. Commun.Statist:Theory Method 24(1995), 175.

ตารางแสดงค่า Lower Probability Points of SU-distribution

P													
		n_1	n_2	0.005	0.01	0.025	0.05	0.10	0.50	0.90	0.95	0.975	0.99
3	3	—	—	—	0	3	22	41	44	—	—	—	—
	4	—	—	0	3	8	38	69	74	77	—	—	—
4	4	—	—	2	8	18	67	117	127	132	135	—	—
	5	—	0	1	6	14	59	105	113	118	119	—	—
5	4	0	1	7	17	32	104	176	192	202	208	209	—
	5	1	5	17	33	56	162	268	290	307	319	323	—
6	3	—	0	3	10	22	85	148	160	167	170	—	—
	4	0	4	14	29	50	149	250	271	285	295	299	—
5	5	5	14	34	56	89	232	378	409	432	451	459	—
	6	12	27	56	89	133	333	531	575	607	639	653	—
7	3	0	1	6	16	33	116	197	213	223	229	230	—
	4	2	8	23	44	72	203	333	361	382	397	403	—
5	5	10	23	50	81	124	315	503	546	577	605	618	—
	6	27	47	90	134	193	452	709	768	811	854	878	—
7	7	43	76	133	192	273	613	948	1025	1082	1140	1173	—
	8	78	120	196	271	372	797	1219	1322	1401	1477	1513	—
8	3	0	3	11	23	44	149	255	277	289	296	299	—
	4	5	12	33	59	96	263	431	467	492	513	522	—
5	5	18	39	75	116	169	411	652	707	747	784	801	—
	6	44	72	127	185	259	585	916	992	1049	1101	1130	—
7	7	78	120	196	271	372	797	1219	1322	1401	1477	1513	—
	8	123	181	282	381	509	1040	1580	1707	1808	1901	1955	—
9	3	1	4	15	32	58	189	320	346	362	373	376	—
	4	9	21	48	81	127	333	538	586	619	645	657	—
5	5	31	54	101	152	221	517	814	884	934	980	1005	—
	6	67	102	172	243	334	741	1142	1239	1309	1384	1420	—
7	7	117	170	258	358	485	1010	1534	1658	1757	1850	1906	—
	8	168	241	365	487	653	1311	1968	2127	2254	2387	2457	—
9	9	257	348	503	658	862	1664	2469	2659	2818	2975	3066	—
	10	354	466	655	844	1079	2045	3014	3254	3437	3631	3741	—
10	3	1	5	20	41	73	233	391	426	445	458	463	—
	4	13	30	63	104	162	409	665	715	757	790	805	—
5	5	44	71	130	192	275	637	995	1081	1145	1203	1230	—
	6	93	136	219	310	427	919	1403	1520	1608	1696	1741	—
7	7	150	218	333	453	605	1238	1872	2028	2147	2270	2331	—
	8	248	332	481	637	832	1616	2415	2607	2756	2906	2992	—
9	9	354	466	655	844	1079	2045	3014	3254	3437	3631	3741	—
	10	447	609	829	1071	1360	2528	3689	3974	4197	4434	4586	—

ตารางแสดงค่า Critical Points for \hat{U} ที่ α เท่ากับ 0.01, 0.025, 0.05 และ 0.10

		n_1										n_2
3	4	5	6	7	8	9	10	11	12			
2.347(.100) * (.050)	1.732(.114) * (.029)	1.632(.089) * (.018)	1.897(.083) * (.012)	1.644(.092) * (.008)	1.500(.097) * (.012)	1.575(.100) * (.009)	1.611(.101) * (.007)	1.638(.099) * (.011)	1.616(.101) * (.011)	1.616(.101) * (.011)	3	
	1.586(.100) * (.014)	1.500(.095) * (.008)	1.434(.091) * (.010)	1.428(.100) * (.012)	1.371(.101) * (.010)	1.434(.094) * (.010)	1.466(.099) * (.010)	1.448(.100) * (.011)	1.455(.100) * (.010)	1.455(.100) * (.010)	4	
	1.447(.103) * (.014)	1.362(.102) * (.008)	1.308(.100) * (.010)	1.378(.099) * (.010)	1.361(.099) * (.010)	1.361(.098) * (.011)	1.340(.100) * (.011)	1.369(.100) * (.011)	1.369(.100) * (.011)	1.369(.100) * (.011)	5	
	1.860(.051) * (.014)	1.816(.050) * (.010)	1.796(.050) * (.010)	1.845(.050) * (.010)	1.829(.050) * (.010)	1.833(.050) * (.010)	1.833(.050) * (.010)	1.833(.050) * (.010)	1.835(.050) * (.010)	1.835(.050) * (.010)	6	
	2.331(.025) * (.010)	2.263(.025) * (.010)	2.287(.025) * (.010)	2.248(.025) * (.010)	2.248(.025) * (.010)	2.248(.025) * (.010)	2.248(.025) * (.010)	2.248(.025) * (.010)	2.239(.025) * (.010)	2.239(.025) * (.010)	7	
	1.766(.050) * (.010)	1.765(.051) * (.010)	1.756(.050) * (.010)	1.746(.050) * (.010)	1.746(.050) * (.010)	1.746(.050) * (.010)	1.746(.050) * (.010)	1.746(.050) * (.010)	1.759(.050) * (.010)	1.759(.050) * (.010)	8	
	1.744(.050) * (.010)	1.742(.050) * (.010)	1.744(.050) * (.010)	1.737(.050) * (.010)	1.737(.050) * (.010)	1.737(.050) * (.010)	1.737(.050) * (.010)	1.737(.050) * (.010)	1.737(.050) * (.010)	1.737(.050) * (.010)	9	
	1.295(.100) * (.010)	1.284(.100) * (.010)	1.284(.100) * (.010)	1.290(.100) * (.010)	1.293(.100) * (.010)	1.293(.100) * (.010)	1.293(.100) * (.010)	1.293(.100) * (.010)	1.293(.100) * (.010)	1.293(.100) * (.010)	10	
	1.294(.101) * (.010)	1.304(.099) * (.010)	1.288(.100) * (.010)	1.299(.100) * (.010)	1.299(.100) * (.010)	1.299(.100) * (.010)	1.299(.100) * (.010)	1.299(.100) * (.010)	1.299(.100) * (.010)	1.299(.100) * (.010)	11	
	1.295(.100) * (.010)	1.284(.100) * (.010)	1.284(.100) * (.010)	1.284(.100) * (.010)	1.284(.100) * (.010)	1.284(.100) * (.010)	1.284(.100) * (.010)	1.284(.100) * (.010)	1.284(.100) * (.010)	1.284(.100) * (.010)	12	

* n is largest sample size.

* n is smallest sample size.

* Highest value of U is used, variance estimate is zero, so \hat{U} undefined.

NOTE: Value in table is the critical point with level closest to the traditional values, exact level given in parentheses.