							h							_	4															
Paste from	clear all	n	, q	Tests bases	on t	otal var	D m	var%	g(A)	sd g(λ)	alpha	ubound t	for g(λ)		ting	χ²	df	Crit.Val.	p-value	Cl for	- 1	λί	confid.	lbound	rbound					
Pivot	Clear all	54	8	Corre	1	8.00	3	2.8%	0.05	0.18	0.05	0.0	17	λ(m+1)=λ(m	n+2)==λp	105.56	14	23.68	4.04E-16	Eigval	3	0.23	95.0%	0.16	0.37					
Select with x -> Headers->	cour	m100 m	200 m	x 400 m8	00 m	1500 n	n5000	m10000	x marathon			Cov I	m100	m200 m40	0 m800	m1500	m5000 i	m10000	marathon			PCA on Stu Correl	identized data m100	m200	m400	m800	m1500	m5000	m10000	marathon
Databody->	Argentina	10.23	20.37	46.18	1.77	3.68	13.33	27.65	129.57						56022 0.008264					1		m100			0.8041147					
	Australia Austria	9.93 10.15	20.06	44.38 45.8	1.74	3.53	12.93 13.26	27.53 27.72	127.51						66818 0.022929 69956 0.057938					l		m200 m400	0.9147554		0.8449159	0.7969162				
	Belgium	10.14	20.19	45.02	1.73	3.57	12.83	26.87	127.2			m800	0.008264	0.022929 0.05	57938 0.002751	0.007131	0.034348	0.074257	0.378905	l		m800	0.7119388	0.7969162	0.7677488	1	0.8957609	0.8606959	0.8431074	0.8069657
	Bermuda Brazil	10.27	20.3	45.26 44.29	1.79	3.7	14.64	30.49 28.13	146.37			m1500 m5000			68473 0.007131 53486 0.034348					l		m1500 m5000			0.7715522			0.9165224	0.901338 0.9882324	
	Canada	9.84	20.17	44.72	1.75	3.53	13.23	27.6	130.09			m10000	0.265613	0.688936 1.84	49941 0.074257	0.229701	1.262533	2.819569	14.34254	l		m10000	0.7147921	0.7479519	0.7657481	0.8431074	0.901338	0.9882324	1	0.954163
	Chile	10.1	20.15	45.92 45.25	1.76	3.65 3.61	13.39 13.42	28.09 28.17	132.19 129.18			marathon	1.340139	3.541038 9.1	78857 0.378905	1.192564	6.430489	14.34254	80.13536	ı		marathon	0.6764873	0.7211157	0.7126823	0.8069657	0.8777788	0.9441466	0.954163	1
	Columbia	10.29	20.85	45.84	1.8	3.72	13.49	27.88	131.17												0.									
	CookIsland CostaRica	10.97	22.46	51.4 46.42	1.94	4.24 3.84	16.7	35.38 28.81	171.26 133.23			Eigval	84.50724	1.141345 0.22	28765 0.080566	0.011779	0.006257	0.003065	0.000397		δl	Eigval	6.70329	0.6384101	0.2275245	0.2058492	0.0975774	0.0706879	0.0469421	0.0097189
	CzechRepu	10.24	20.61	45.77	1.75	3.58	13.42	27.8	131.57			Eigvec	0.016521	-0.09995 0.00	08059 -0.32409	0.312058	0.882721	0.028883	0.08501			Eigvec	0.3323877	-0.529399	0.3438593	0.3807453	-0.299671	0.3620371	0.347647	-0.065701
	Denmark Dominican	10.29 10.16	20.52	45.89 44.9	1.69	3.52	13.42 14.31	27.91 30.43	129.43 146						80821 -0.89738 53458 0.288181										9 -0.003786 9 -0.067061					
	Finland	10.16	20.63	45.49	1.74	3.61	13.27	27.52	131.15						01227 -0.02638										0.087081					
	France	10.02	20.16	44.64	1.72	3.48	12.98	27.38	126.36						03706 -0.06485										-0.24427					
	Germany GreatBritai	10.06 9.87	20.23	44.33 44.36	1.73	3.53	12.91 13.01	27.36 27.3	128.47						37677 -0.03502 87278 0.018099										0.1828631					
	Greece	10.11	19.85	45.57	1.75	3.61	13.48	28.12	132.04				0.973562	0.167458 0.15	54756 0.012739	0.002528	0.00311	-0.00262	0.000884				0.3542779	0.3865608	0.334633	0.0181211	0.337891	-0.37517	0.5941571	0.0693169
	Guatemala Hungary	10.32	21.09	48.44 45.43	1.82	3.74	13.98	29.34	132.53 132.1											_										
	India	10.33	20.73	45.48	1.76	3.63	13.5	28.81	132						82907 1.768148					15		mu	0	0			0	0	0	0
	Indonesia Ireland	10.2	20.93	46.37 45.58	1.83	3.77	14.21	29.65 27.78	139.18 129.15			sd	9.192782	1.068338 0.4	78294 0.283842	0.108532	0.079098	0.05536	0.019929	~		sd	1	1	1 1	1	1	1	1	1
	Israel	10.2	20.89	46.59	1.8	3.7	13.66	28.72	134.21						PC4					1		PC Stu			PC_Stu3					
	Italy Japan	10.01	19.72	45.26 44.78	1.73	3.55	13.09	27.28 27.58	127.29 126.16						17931 1.961385 63818 1.814191					l			0.416333	-0.394539	-0.409141 -0.290736	-0.148546	-0.478684	-0.085262	0.2189514	0.0384042
	Kenya	10.28	20.43	44.18	1.7	3.44	12.66	26.46	124.55				8.811234	20.60141 46.4	46791 1.849974	3.646355	13.60017	28.51631	33.5001	l			9.730632	-0.180572	-0.262932	-0.176466	0.2822764	-0.03027	0.2874676	0.0246509
	Korea, Sout Korea, Nort	10.34	20.41	45.37	1.74	3.64	13.84	28.51	127.2						37697 1.799185 56746 1.96382					l			-1.979777	-0.37705€	-0.041836 0.7212498	0.1120212	-0.199045	-0.195815	0.2610614	-0.051509
	Luxembour	10.41	20.77	47.9	1.76	3.67	13.64	28.77	134.03				2.6946	20.99842 44.6	64438 1.889584	3.717991	13.60154	28.51472	133.4384	l			-2.208253	0.7916572	0.520709	-0.006729	-0.426831	0.1696324	-0.544263	0.051879
	Malaysia Mauritius	10.3	20.92	46.41 44.69	1.79	3.76	14.11	29.5 29.84	149.27						95755 1.865991 09465 2.167462					l					-0.417693 -0.223701					
	Mexico	10.13	20.06	44.31	1.78	3.63	13.13	27.14	127.19				5.880006	20.48832 45.4	40164 1.673785	3.622895	13.61812	28.5412	133.4927	l					0.223701					
	Myanmar(E Netherland	10.64	21.52	48.63 45.68	1.8	3.8	14.19 13.22	29.62 27.44	139.57 128.31						11715 1.42877 08991 1.862481					l					0.5363998					
	NewZealan	10.19	20.19	46.09	1.74	3.55	13.22	27.7	128.31						67714 1.511818					l					-1.628004					
	Norway	10.08	20.17	46.11	1.71	3.62	13.11	27.54	130.17						24351 1.656671					l					0.2014358					
	PapuaNew Philippines	10.4	21.18	46.77 45.57	1.8	3.82	14.72 13.97	31.36 29.04	148.13 138.44						84283 1.736017 6.6217 1.584925					l					1.2020543					
	Poland	10	19.98	44.62	1.72	3.59	13.29	27.89	129.23						39589 1.704491					l					0.1773421					
	Portugal Romania	9.86 10.21	20.12	46.11 45.77	1.75	3.5	13.05	27.21 27.67	126.36 132.3						i.6491 1.754867 94489 1.615212					l					0.1624551					
	Russia	10.11	20.23	44.6	1.71	3.54	13.2	27.9	129.16				3.570517	21.34613 45	.7367 1.927404	3.583012	13.52793	28.49765	133.4539	l			-2.914983	0.6616306	0.2506737	-0.295893	0.1903831	-0.201418	-0.257499	0.0338417
	Samoa Singapore	10.78	21.86	49.98 47.6	1.94	4.01 3.86	16.28	34.71 31.32	161.5 144.22						90008 2.330911					l					0.0442073					
	Spain	10.17	20.59	44.96	1.73	3.48	13.04	27.24	127.23				8.70574	20.92623 45.9	98512 2.068188	3.727295	13.61617	28.51776	133.493	l			-1.025496	0.490336	-0.132755	-0.252692	-0.021732	0.1362556	0.2071354	0.0601233
	Sweden Switzerland	10.18	20.43	45.54 44.99	1.76	3.61	13.29	27.93	130.38 129.56						33336 1.453694 67851 1.643705					l					0.3063251					
	Taiwan	10.36	20.81	46.72	1.79	3.77	13.91	29.2	134.35				5.799834	20.25667 45.5	96614 1.611449	3.503139	13.8103	28.55068	133.503	l			-0.808922	-0.932008	0.2363959	0.2558244	0.0240693	0.2399247	0.298462	-0.228926
	Thailand Turkey	10.23	20.69	46.05 46.63	1.81	3.77	14.25	29.67	139.33						98377 1.68749 95764 2.33301					l					-0.550083					
	U.S.A.	9.78	19.32	43.18	1.71	3.46	12.97	27.23	125.38				2.747717	20.67513 45.3	37218 1.900622	3.697092	13.56066	28.59808	133.4939	l			-1.654638	0.518747	-0.766431	0.0621053	-0.23669	0.1185831	-0.086304	-0.011246
															20156 1.270367 67047 1.627313					l					0.6706086					
													6.282747	18.57611 45.4	48206 1.275032	3.922673	13.62794	28.55315	133.4902	l			1.8561128	-1.659186	-0.525377	0.555827	-0.408086	0.355626	-0.102925	0.1550632
															24544 2.106906 41959 1.762821					l					0.3568986					
													19.6761	22.98128 45.6	63875 2.014966	3.725831	13.68039	28.65834	133.486	l			0.860454	2.0069145	-0.16209	0.6003931	-0.513403	-0.122967	0.2798508	-0.068583
															86149 1.372483 39589 1.626907					l					-0.633152 0.3317354					
															07276 1.985279					l					0.3517334					
															01504 1.931965					l					0.0230383					
															49402 1.582787					l					0.4261524					
															02595 0.830041					l			2.123827	-0.870429	0.1546374	1.4084165	0.0176104	-0.307024	-0.110787	0.0823734
															50748 1.944914 13805 2.258625					l					0.2124045					
															54531 1.554045					l					-0.011733					
													5.711539 39 33277	19 42683 44 9	53983 1.685103 92109 1.946443	3.548754	13.66927	28.51431	133.4597	l			-1.823659 8.4215373	0.1293543	0.5894356 0.1185432	-0.1514791	0.0387032	-0.013209 0.8208439	0.165889	-0.083626 -0.13063
													21.50084	19.80518 45.0	04501 1.816683	3.695563	13.50846	28.50434	133.4694	l			3.6914923	0.5642811	0.124733	-0.265356	0.0241476	0.1578448	-0.393846	0.0806509
															92031 1.760903					l					0.2550225					
													6.148288	20.88724 45.3	74227 1.627954	3.469933	13.68523	28.50936	133.4604	l			-1.585389	-0.258191	0.6619297	0.068437	0.1772537	-0.081592	-0.134464	-0.138684
															51761 1.742289 56918 1.758536					l					9 -0.135354 -0.267575					
													7.139107	19.18876 45.8	81847 1.463545	3.528266	13.63931	28.48406	133.4961	l			0.4214131	-1.299035	-0.052973	-0.046742	0.4068368	0.2282178	-0.059473	-0.082693
													1.688438	22.32017 45.	19311 2.15242	3.659004	13.62778	28.5243	133.4908				-3.828425	1.5735324	-0.016033	-0.015326	-0.083332	0.321433	-0.000655	-0.02648