

ตารางที่ จ.1 แสดงผลการคำนวณหาค่าสหสัมพันธ์ในมิติเศรษฐกิจ

. correlate a1 a2 a3 a4 a5 a6 a7 a8 a9 a10 a11 a12 a13 a14 a15 a16 a17 a18 a19 a20 a21 a22 a23 a25 a26 a
 > 27 a28 a29 a30 a31 a32 a33 a34
 (obs=3)

	a1	a2	a3	a4	a5	a6	a7	a8	a9	a10
a1	1.0000									
a2	-0.2309	1.0000								
a3	-0.2242	-0.8964	1.0000							
a4	0.7998	-0.7688	0.4057	1.0000						
a5	0.7998	-0.7688	0.4057	1.0000	1.0000					
a6	0.1904	0.9112	-0.9994	-0.4370	-0.4370	1.0000				
a7	-0.3925	0.9855	-0.8083	-0.8660	-0.8660	0.8282	1.0000			
a8	-0.2515	0.9998	-0.8869	-0.7821	-0.7821	0.9023	0.9889	1.0000		
a9	-0.3388	0.9937	-0.8409	-0.8358	-0.8358	0.8591	0.9983	0.9958	1.0000	
a10	-0.5592	0.9357	-0.6825	-0.9449	-0.9449	0.7073	0.9820	0.9430	0.9695	1.0000
a11	0.8906	0.2368	-0.6428	0.4394	0.4394	0.6160	0.0687	0.2161	0.1260	-0.1211
a12	0.0275	-0.9789	0.9680	0.6220	0.6220	-0.9761	-0.9302	-0.9744	-0.9498	-0.8440
a13	0.1453	-0.9962	0.9316	0.7101	0.7101	-0.9436	-0.9670	-0.9941	-0.9801	-0.9014
a14	0.5946	-0.9196	0.6503	0.9582	0.9582	-0.6761	-0.9729	-0.9277	-0.9579	-0.9991
a15	-0.7998	0.7688	-0.4057	-1.0000	-1.0000	0.4370	0.8660	0.7821	0.8358	0.9449
a16	-0.7998	0.7688	-0.4057	-1.0000	-1.0000	0.4370	0.8660	0.7821	0.8358	0.9449
a17	-0.6094	0.9121	-0.6360	-0.9633	-0.9633	0.6623	0.9684	0.9206	0.9524	0.9981
a18	0.7998	-0.7688	0.4057	1.0000	1.0000	-0.4370	-0.8660	-0.7821	-0.8358	-0.9449
a19	-0.7998	0.7688	-0.4057	-1.0000	-1.0000	0.4370	0.8660	0.7821	0.8358	0.9449
a20	-0.9915	0.1021	0.3494	-0.7147	-0.7147	-0.3168	0.2692	0.1231	0.2132	0.4463
a21	-0.6066	0.9136	-0.6388	-0.9624	-0.9624	0.6650	0.9693	0.9220	0.9535	0.9983
a22	0.4938	-0.9601	0.7367	0.9169	0.9169	-0.7596	-0.9936	-0.9658	-0.9855	-0.9970
a23	0.2145	0.9008	-1.0000	-0.4148	-0.4148	0.9997	0.8142	0.8914	0.8463	0.6897
a25	-0.8104	-0.3829	0.7526	-0.2965	-0.2965	-0.7294	-0.2207	-0.3632	-0.2766	-0.0324
a26	0.3844	-0.9870	0.8135	0.8616	0.8616	-0.8331	-1.0000	-0.9902	-0.9988	-0.9803
a27	0.1866	-0.9990	0.9156	0.7390	0.7390	-0.9289	-0.9768	-0.9978	-0.9876	-0.9188
a28	0.9130	0.1861	-0.6023	0.4853	0.4853	0.5744	0.0169	0.1653	0.0745	-0.1723
a29	-0.6412	0.8947	-0.6041	-0.9735	-0.9735	0.6312	0.9575	0.9040	0.9392	0.9947
a30	-0.1691	0.9980	-0.9226	-0.7269	-0.7269	0.9354	0.9729	0.9965	0.9846	0.9116
a31	0.1037	-0.9917	0.9460	0.6800	0.6800	-0.9567	-0.9555	-0.9887	-0.9709	-0.8825
a32	0.0228	-0.9780	0.9692	0.6183	0.6183	-0.9771	-0.9285	-0.9733	-0.9483	-0.8415
a33	-0.5985	0.9177	-0.6465	-0.9596	-0.9596	0.6725	0.9717	0.9259	0.9565	0.9988
a34	0.9944	-0.3329	-0.1195	0.8590	0.8590	0.0851	-0.4879	-0.3528	-0.4368	-0.6441

	a11	a12	a13	a14	a15	a16	a17	a18	a19	a20
a11	1.0000									
a12	-0.4301	1.0000								
a13	-0.3205	0.9930	1.0000							
a14	0.1639	0.8201	0.8819	1.0000						
a15	-0.4394	-0.6220	-0.7101	-0.9582	1.0000					
a16	-0.4394	-0.6220	-0.7101	-0.9582	1.0000	1.0000				
a17	-0.1823	-0.8093	-0.8730	-0.9998	0.9633	0.9633	1.0000			
a18	0.4394	0.6220	0.7101	0.9582	-1.0000	-1.0000	-0.9633	1.0000		
a19	-0.4394	-0.6220	-0.7101	-0.9582	1.0000	1.0000	0.9633	-1.0000	1.0000	
a20	-0.9423	0.1032	-0.0150	-0.4846	0.7147	0.7147	0.5008	-0.7147	0.7147	1.0000
a21	-0.1787	-0.8114	-0.8747	-0.9999	0.9624	0.9624	1.0000	-0.9624	0.9624	0.4977
a22	0.0444	0.8828	0.9321	0.9928	-0.9169	-0.9169	-0.9904	0.9169	-0.9169	-0.3761
a23	0.6352	-0.9705	-0.9352	-0.6578	0.4148	0.4148	0.6437	-0.4148	0.4148	-0.3401
a25	-0.9882	0.5634	0.4619	-0.0108	0.2965	0.2965	0.0294	-0.2965	0.2965	0.8799
a26	-0.0774	0.9334	0.9692	0.9708	-0.8616	-0.8616	-0.9662	0.8616	-0.8616	-0.2607
a27	-0.2805	0.9872	0.9991	0.9009	-0.7390	-0.7390	-0.8927	0.7390	-0.7390	-0.0569
a28	0.9987	-0.3828	-0.2711	0.2148	-0.4853	-0.4853	-0.2329	0.4853	-0.4853	-0.9584
a29	-0.2221	-0.7847	-0.8524	-0.9982	0.9735	0.9735	0.9992	-0.9735	0.9735	0.5356
a30	0.2975	-0.9899	-0.9997	-0.8930	0.7269	0.7269	0.8845	-0.7269	0.7269	0.0391
a31	-0.3599	0.9971	0.9991	0.8614	-0.6800	-0.6800	-0.8518	0.6800	-0.6800	0.0269
a32	-0.4343	1.0000	0.9924	0.8174	-0.6183	-0.6183	-0.8065	0.6183	-0.6183	0.1078
a33	-0.1688	-0.8172	-0.8796	-1.0000	0.9596	0.9596	0.9999	-0.9596	0.9596	0.4889
a34	0.8373	0.1334	0.2495	0.6766	-0.8590	-0.8590	-0.6901	0.8590	-0.8590	-0.9720
	a21	a22	a23	a25	a26	a27	a28	a29	a30	a31
a21	1.0000									
a22	-0.9909	1.0000								
a23	0.6464	-0.7434	1.0000							
a25	0.0258	0.1093	-0.7460	1.0000						
a26	-0.9671	0.9926	-0.8192	0.2293	1.0000					
a27	-0.8943	0.9465	-0.9195	0.4243	0.9787	1.0000				
a28	-0.2294	0.0960	0.5943	-0.9789	-0.0257	-0.2304	1.0000			
a29	0.9990	-0.9839	0.6120	0.0701	-0.9549	-0.8736	-0.2723	1.0000		
a30	0.8862	-0.9406	0.9264	-0.4403	-0.9749	-0.9998	0.2477	0.8648	1.0000	
a31	-0.8537	0.9161	-0.9492	0.4986	0.9580	0.9965	-0.3111	-0.8297	-0.9978	1.0000
a32	-0.8086	0.8806	-0.9716	0.5672	0.9317	0.9864	-0.3871	-0.7818	-0.9892	0.9967
a33	0.9999	-0.9922	0.6541	0.0157	-0.9696	-0.8987	-0.2196	0.9985	0.8908	-0.8589
a34	-0.6875	0.5833	0.1096	-0.7437	0.4803	0.2899	0.8645	-0.7190	-0.2728	0.2087

	a32	a33	a34
a32	1.0000		
a33	-0.8145	1.0000	
a34	0.1288	-0.6802	1.0000

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. correlate a1 a2 a3 a4 a5 a6 a7 a8 a9 a10 a11 a13 a14 a15 a16 a17 a18 a19 a21 a22 a23 a27 a28 a29 a30 a31 a32 a33 a34
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(obs=5) คัด a12 a20 a25 a26 ออก เนื่องจากข้อมูลไม่ครบ 5 ตัว

	a1	a2	a3	a4	a5	a6	a7	a8	a9	a10
a1	1.0000									
a2	-0.7113	1.0000								
a3	0.2742	-0.8710	1.0000							
a4	0.8114	-0.9333	0.7094	1.0000						
a5	0.7836	-0.9274	0.7208	0.9971	1.0000					
a6	0.1164	-0.2166	0.2145	0.4323	0.4911	1.0000				
a7	0.0594	0.4847	-0.7035	-0.5068	-0.5266	-0.4944	1.0000			
a8	-0.6784	0.9353	-0.8055	-0.9429	-0.9606	-0.5285	0.5052	1.0000		
a9	-0.8190	0.7936	-0.5138	-0.6819	-0.6403	0.3123	-0.0582	0.6012	1.0000	
a10	-0.2952	0.6399	-0.6677	-0.6210	-0.5912	0.0009	0.7760	0.4623	0.4218	1.0000
a11	0.2009	0.3847	-0.6667	-0.3604	-0.4207	-0.7285	0.7630	0.5652	-0.2288	0.2480
a13	0.3996	-0.4127	0.2856	0.2027	0.1398	-0.7929	0.1881	-0.0822	-0.8041	-0.4067
a14	0.1934	-0.0178	-0.1113	-0.0900	-0.1648	-0.8741	0.2554	0.3186	-0.4883	-0.3664
a15	-0.6895	0.4983	-0.1991	-0.4959	-0.4278	0.4657	0.0102	0.2356	0.7866	0.6253
a16	-0.7685	0.9226	-0.7248	-0.9935	-0.9993	-0.5185	0.5351	0.9671	0.6188	0.5755
a17	-0.1918	0.0156	0.1132	0.0873	0.1623	0.8668	-0.2435	-0.3200	0.4807	0.3767
a18	0.8553	-0.7905	0.4831	0.8221	0.7760	-0.0905	-0.2586	-0.6231	-0.8546	-0.7186
a19	-0.8716	0.9071	-0.6312	-0.9596	-0.9352	-0.1944	0.4081	0.8296	0.7997	0.6988
a21	-0.8658	0.7319	-0.3965	-0.6646	-0.6167	0.3272	-0.1181	0.5391	0.9868	0.4075
a22	0.8896	-0.7765	0.4412	0.7065	0.6713	-0.2055	0.1394	-0.6376	-0.9817	-0.3008
a23	-0.3542	0.8001	-0.8470	-0.8036	-0.8413	-0.6911	0.7301	0.9198	0.2836	0.4716
a27	0.6652	-0.9957	0.8974	0.9339	0.9341	0.2862	-0.5446	-0.9531	-0.7349	-0.6420
a28	0.4951	-0.5422	0.3949	0.7703	0.8016	0.8827	-0.5898	-0.7509	-0.0836	-0.3515
a29	-0.8798	0.7813	-0.4541	-0.7298	-0.6831	0.2630	-0.0138	0.5938	0.9811	0.4946
a30	-0.3103	0.2903	-0.1805	-0.0831	-0.0171	0.8622	-0.2395	-0.0517	0.7224	0.3653
a31	0.2438	-0.7451	0.8485	0.7586	0.7929	0.6761	-0.8648	-0.8419	-0.1862	-0.6002
a32	0.4945	-0.9488	0.9523	0.8806	0.8937	0.3973	-0.6880	-0.9412	-0.5703	-0.6544
a33	-0.9123	0.8077	-0.4678	-0.7564	-0.7212	0.1580	-0.0727	0.6734	0.9795	0.3621
a34	0.2487	0.0825	-0.2885	0.1178	0.0655	-0.1711	-0.1437	0.2120	-0.0603	-0.5037

	a11	a13	a14	a15	a16	a17	a18	a19	a21	a22
a11	1.0000									
a13	0.5074	1.0000								
a14	0.7500	0.8612	1.0000							
a15	-0.5162	-0.8056	-0.8053	1.0000						
a16	0.4490	-0.1091	0.2007	0.3939	1.0000					
a17	-0.7471	-0.8540	-0.9998	0.8079	-0.1982	1.0000				
a18	0.1593	0.6289	0.4832	-0.9021	-0.7521	-0.4863	1.0000			
a19	0.1206	-0.4230	-0.1891	0.7202	0.9214	0.1921	-0.9491	1.0000		
a21	-0.3421	-0.7972	-0.5451	0.8495	0.5922	0.5392	-0.8873	0.8063	1.0000	
a22	0.2331	0.7026	0.3774	-0.7257	-0.6528	-0.3692	0.8269	-0.7996	-0.9784	1.0000
a23	0.8388	0.1794	0.5365	-0.0553	0.8578	-0.5348	-0.3631	0.6240	0.1943	-0.2993
a27	-0.4674	0.3399	-0.0584	-0.4291	-0.9323	0.0600	0.7455	-0.8851	-0.6660	0.7187
a28	-0.5819	-0.4525	-0.5663	-0.0022	-0.8150	0.5570	0.3843	-0.6161	-0.0922	0.1673
a29	-0.2755	-0.7694	-0.5215	0.8660	0.6590	0.5173	-0.9305	0.8637	0.9938	-0.9675
a30	-0.5829	-0.9907	-0.9130	0.7865	-0.0150	0.9065	-0.5569	0.3213	0.7255	-0.6136
a31	-0.8659	-0.1995	-0.4812	0.0375	-0.8079	0.4760	0.3525	-0.5939	-0.1022	0.1724
a32	-0.6506	0.1902	-0.2018	-0.2587	-0.8982	0.2020	0.6073	-0.7873	-0.4815	0.5436
a33	-0.2006	-0.6816	-0.3668	0.7486	0.7026	0.3601	-0.8668	0.8469	0.9798	-0.9964
a34	0.4776	0.1975	0.5692	-0.6465	-0.0400	-0.5844	0.4823	-0.3036	-0.1895	0.0175
	a23	a27	a28	a29	a30	a31	a32	a33	a34	
a23	1.0000									
a27	-0.8509	1.0000								
a28	-0.7849	0.5856	1.0000							
a29	0.2672	-0.7210	-0.1746	1.0000						
a30	-0.3007	-0.2152	0.5451	0.6927	1.0000					
a31	-0.9744	0.8021	0.7767	-0.1904	0.3055	1.0000				
a32	-0.9306	0.9731	0.6250	-0.5478	-0.0679	0.9075	1.0000			
a33	0.3427	-0.7527	-0.2327	0.9780	0.5897	-0.2267	-0.5822	1.0000		
a34	0.3051	-0.1162	0.1195	-0.2354	-0.2482	-0.1717	-0.1934	-0.0690	1.0000	