	total_cases	new_cases	new_cases_s	total_deaths	new_deaths	positive_rate	stringency_ir	cci	cci_cur
total_cases	1	0.73191801	0.67511836	0.98318999	0.64642341	0.6334337	0.59581672	0.0944128	0.15277515
new_cases	0.73191801	1	0.9162668	0.7600644	0.85794167	0.82970806	0.70011687	0.04561839	0.07455808
new_cases_s	0.67511836	0.9162668	1	0.69895934	0.74811054	0.85672643	0.62977054	0.04580672	0.07055684
total_deaths	0.98318999	0.7600644	0.69895934	1	0.69833693	0.6799864	0.69975047	0.10419689	0.1515904
new_deaths	0.64642341	0.85794167	0.74811054	0.69833693	1	0.78080933	0.84217874	0.04140361	0.04226225
positive_rate	0.6334337	0.82970806	0.85672643	0.6799864	0.78080933	1	0.81577749	0.02991254	0.03634919
stringency_ir	0.59581672	0.70011687	0.62977054	0.69975047	0.84217874	0.81577749	1	0.05856036	0.04137366
cci	0.0944128	0.04561839	0.04580672	0.10419689	0.04140361	0.02991254	0.05856036	1	0.96490472
cci_cur	0.15277515	0.07455808	0.07055684	0.1515904	0.04226225	0.03634919	0.04137366	0.96490472	1
cci_exp	-0.0352271	-0.018546	-0.0104042	-0.0065389	0.03140338	0.011809	0.07963625	0.86731006	0.70616031
umsent	-0.3296546	-0.2796441	-0.2489	-0.3268834	-0.2629988	-0.2931791	-0.2645729	0.83391222	0.7404694
umsent_cur	-0.3871457	-0.3281609	-0.2920729	-0.3901059	-0.3160106	-0.3476118	-0.3277483	0.8056286	0.73826611
umsent_exp	-0.269706	-0.228921	-0.2037216	-0.2628528	-0.2100007	-0.2375277	-0.2040563	0.80865516	0.70138558
ism_man	0.25347112	0.24468816	0.22984267	0.28916973	0.22323258	0.15005077	0.24155583	0.2287678	0.10404675
ism_non	0.2807341	0.23793963	0.20824843	0.32544827	0.20016881	0.12081423	0.23318823	0.49708614	0.39918261
cci_lag1	0.09841649	0.06022598	0.05957566	0.10487063	0.0486532	0.06612789	0.064402	0.97308475	0.9617581
cci_lag2	0.10065618	0.08014536	0.07244812	0.10402568	0.08288874	0.09829791	0.07872672	0.94545127	0.95211091
cci_lag3	0.09942709	0.08431667	0.07312428	0.10221213	0.10222938	0.10556721	0.09240373	0.92440554	0.94124583
cci_lag4	0.09882188	0.081383	0.07069667	0.10201687	0.09990983	0.11044847	0.10206078	0.9033676	0.92996347
cci_lag5	0.09975274	0.08959963	0.07762538	0.10321095	0.10343766	0.12364063	0.11060973	0.88551424	0.92116738
total_cases_	0.99560983	0.67826494	0.6130953	0.97768284	0.59703108	0.59293072	0.57130448	0.09660907	0.15632424
total_cases_	0.98789327	0.66704961	0.59771093	0.96948567	0.559952	0.58590079	0.549348	0.09705627	0.15819977
total_deaths	0.98569881	0.74226575	0.68034755	0.99864737	0.66804993	0.66002371	0.67283233	0.10603024	0.15631682
total_deaths	0.98638211	0.73662624	0.6733573	0.99518042	0.64873298	0.65123771	0.64797242	0.10598432	0.15937537

cci_exp	umsent	umsent_cur	umsent_exp	ism_man	ism_non	cci_lag1	cci_lag2	cci_lag3	cci_lag4
-0.0352271	-0.3296546	-0.3871457	-0.269706	0.25347112	0.2807341	0.09841649	0.10065618	0.09942709	0.09882188
-0.018546	-0.2796441	-0.3281609	-0.228921	0.24468816	0.23793963	0.06022598	0.08014536	0.08431667	0.081383
-0.0104042	-0.2489	-0.2920729	-0.2037216	0.22984267	0.20824843	0.05957566	0.07244812	0.07312428	0.07069667
-0.0065389	-0.3268834	-0.3901059	-0.2628528	0.28916973	0.32544827	0.10487063	0.10402568	0.10221213	0.10201687
0.03140338	-0.2629988	-0.3160106	-0.2100007	0.22323258	0.20016881	0.0486532	0.08288874	0.10222938	0.09990983
0.011809	-0.2931791	-0.3476118	-0.2375277	0.15005077	0.12081423	0.06612789	0.09829791	0.10556721	0.11044847
0.07963625	-0.2645729	-0.3277483	-0.2040563	0.24155583	0.23318823	0.064402	0.07872672	0.09240373	0.10206078
0.86731006	0.83391222	0.8056286	0.80865516	0.2287678	0.49708614	0.97308475	0.94545127	0.92440554	0.9033676
0.70616031	0.7404694	0.73826611	0.70138558	0.10404675	0.39918261	0.9617581	0.95211091	0.94124583	0.92996347
1	0.84495028	0.77288814	0.85091397	0.41953036	0.58371957	0.80077461	0.74459272	0.7084547	0.67308488
0.84495028	1	0.95584219	0.97701733	0.155758	0.39519245	0.79870055	0.75553624	0.72354567	0.69670637
0.77288814	0.95584219	1	0.87124483	0.16761662	0.4157633	0.77800349	0.74459579	0.72137215	0.69764748
0.85091397	0.97701733	0.87124483	1	0.13857037	0.35860659	0.76984098	0.72192385	0.68530822	0.65771732
0.41953036	0.155758	0.16761662	0.13857037	1	0.7759588	0.184363	0.13588512	0.08972095	0.04613235
0.58371957	0.39519245	0.4157633	0.35860659	0.7759588	1	0.45318522	0.39925781	0.35965309	0.32529952
0.80077461	0.79870055	0.77800349	0.76984098	0.184363	0.45318522	1	0.97323373	0.94553397	0.92450705
0.74459272	0.75553624	0.74459579	0.72192385	0.13588512	0.39925781	0.97323373	1	0.9731684	0.94551794
0.7084547	0.72354567	0.72137215	0.68530822	0.08972095	0.35965309	0.94553397	0.9731684	1	0.97320767
0.67308488	0.69670637	0.69764748	0.65771732	0.04613235	0.32529952	0.92450705	0.94551794	0.97320767	1
0.64156886	0.67745027	0.67769736	0.64004192	0.00879786	0.2947284	0.90349054	0.92453937	0.94561766	0.97325634
-0.0360278	-0.3262692	-0.383472	-0.2667346	0.24600058	0.27991672	0.10004374	0.10052245	0.09889559	0.09843802
-0.0383604	-0.3234326	-0.3810814	-0.2637076	0.23775788	0.27541388	0.10308883	0.1027955	0.09906509	0.09820859
-0.0105558	-0.3250539	-0.3880336	-0.2612994	0.28508354	0.32470203	0.10811075	0.10567127	0.10153315	0.10034122
-0.0164808	-0.3246308	-0.3871503	-0.2612399	0.27841816	0.31982256	0.11060306	0.10949149	0.10347677	0.0998511

cci_lag5	total_cases_	total_cases_	total_deaths	total_deaths_lag2
0.09975274	0.99560983	0.98789327	0.98569881	0.98638211
0.08959963	0.67826494	0.66704961	0.74226575	0.73662624
0.07762538	0.6130953	0.59771093	0.68034755	0.6733573
0.10321095	0.97768284	0.96948567	0.99864737	0.99518042
0.10343766	0.59703108	0.559952	0.66804993	0.64873298
0.12364063	0.59293072	0.58590079	0.66002371	0.65123771
0.11060973	0.57130448	0.549348	0.67283233	0.64797242
0.88551424	0.09660907	0.09705627	0.10603024	0.10598432
0.92116738	0.15632424	0.15819977	0.15631682	0.15937537
0.64156886	-0.0360278	-0.0383604	-0.0105558	-0.0164808
0.67745027	-0.3262692	-0.3234326	-0.3250539	-0.3246308
0.67769736	-0.383472	-0.3810814	-0.3880336	-0.3871503
0.64004192	-0.2667346	-0.2637076	-0.2612994	-0.2612399
0.00879786	0.24600058	0.23775788	0.28508354	0.27841816
0.2947284	0.27991672	0.27541388	0.32470203	0.31982256
0.90349054	0.10004374	0.10308883	0.10811075	0.11060306
0.92453937	0.10052245	0.1027955	0.10567127	0.10949149
0.94561766	0.09889559	0.09906509	0.10153315	0.10347677
0.97325634	0.09843802	0.09820859	0.10034122	0.0998511
1	0.09938696	0.09938963	0.10145867	0.09998016
0.09938696	1	0.99502535	0.98297394	0.98485949
0.09938963	0.99502535	1	0.9778252	0.98261836
0.10145867	0.98297394	0.9778252	1	0.99861323
0.09998016	0.98485949	0.98261836	0.99861323	1