Supplementary Document: MCMC Summary

Improving Bayesian Model Specification of Leishmania Progression with Inclusion of Inflammatory and Regulatory Responses

Felix M. Pabon-Rodriguez, Grant D. Brown, Breanna M. Scorza, and Christine A. Petersen

Supplementary Table. Summary of MCMC results for all parameters in the model. Each column represents the following: (1) Posterior mean, (2) Posterior median, (3) Posterior standard deviation (SD), (4) Lower bound of 95% credible interval (Cr-I), (5) Upper bound of 95% Cr-I, (6) Posterior probability of parameter being positive, (7) Posterior probability of parameter being negative, and (8) Indicator for strength of evidence based on posterior probability. The symbol * in last column is used to indicate which parameter shows a posterior probability greater or equal than 0.65. The results in this table are separated by model components. Last part of the table summarizes parameters associated with the moving-average characteristic of the model.

Pathogen Load (P)

Parameter	Post.Mean	Post.Median	Post.SD	Lower95	Upper95	P.great.0	P.less.0	Evidence
betaP[1]	-0.0284	-0.0461	1.2993	-2.6054	2.5868	0.4841	0.5159	
betaP[2]	-0.0151	-0.0080	1.3548	-2.7275	2.6509	0.4975	0.5025	
betaP[3]	0.0002	0.0067	1.3397	-2.6754	2.6467	0.5021	0.4979	
betaP[4]	0.0187	0.0219	1.3474	-2.6569	2.6759	0.5073	0.4927	
betaP[5]	0.0050	0.0047	1.3386	-2.6654	2.6703	0.5015	0.4985	
betaP[6]	-0.0070	-0.0072	1.3422	-2.6572	2.6714	0.4974	0.5026	
betaP[7]	0.0050	0.0091	1.3408	-2.6558	2.6622	0.5026	0.4974	
betaP[8]	0.0112	0.0115	1.3481	-2.6536	2.6986	0.5038	0.4962	
betaP[9]	0.3820	0.3813	0.1013	0.1857	0.5821	0.9994	0.0006	*
betaP[10]	0.1479	0.1481	0.1067	-0.0617	0.3571	0.9134	0.0866	*
betaP[11]	0.7367	0.6533	0.6926	-0.4004	2.2648	0.8683	0.1317	*
betaP[12]	3.1865	3.1603	0.4939	2.2986	4.1976	1.0000	0.0000	*
betaP[13]	3.0944	3.0792	0.4996	2.1694	4.1274	1.0000	0.0000	*
betaP[14]	1.6819	1.6571	1.1252	-0.4686	3.9699	0.9386	0.0614	*
betaP[15]	-0.5006	-0.4949	0.5801	-1.6393	0.6397	0.1947	0.8053	*
betaP[16]	-0.2198	-0.2242	0.3883	-0.9697	0.5587	0.2805	0.7195	*
betaP[17]	-0.0894	-0.0994	1.2897	-2.5938	2.4808	0.4683	0.5317	
betaP[18]	-0.4513	-0.4504	0.6268	-1.7116	0.7796	0.2285	0.7715	*
betaP[19]	-0.0969	-0.1002	0.2889	-0.6595	0.4778	0.3636	0.6364	
betaP[20]	0.5281	0.5243	1.2956	-2.0387	3.1229	0.6662	0.3338	*
betaP[21]	-0.2348	-0.2340	0.3938	-1.0204	0.5421	0.2693	0.7307	*
betaP[22]	0.1415	0.1422	0.2628	-0.3802	0.6631	0.7094	0.2906	*
betaP[23]	-0.2515	-0.2355	1.2661	-2.8274	2.2092	0.4236	0.5764	
betaP[24]	-0.1135	-0.1100	0.4327	-0.9728	0.7336	0.3969	0.6031	
betaP[25]	-0.4006	-0.3910	0.3110	-1.0391	0.1852	0.0943	0.9057	*
betaP[26]	-0.1864	-0.1768	1.2202	-2.6334	2.1637	0.4431	0.5569	
betaP[27]	2.0340	1.9891	0.7353	0.7321	3.5671	0.9995	0.0005	*

betaP[28]	0.2274	0.2294	0.4468	-0.6530	1.0922	0.6968	0.3032	*
betaP[29]	0.2629	0.2524	1.3200	-2.3176	2.8764	0.5788	0.4212	
betaP[30]	0.3236	0.3263	0.4918	-0.6531	1.2933	0.7496	0.2504	*
betaP[31]	-0.0445	-0.0427	0.3389	-0.7183	0.6186	0.4495	0.5505	
betaP[32]	0.1223	0.1327	1.3730	-2.6330	2.7933	0.5408	0.4592	
alphaP[1]	-1.8298	-1.8212	0.7988	-3.4448	-0.2919	0.0093	0.9907	*
alphaP[2]	-0.5161	-0.5106	0.7068	-1.9092	0.8676	0.2307	0.7693	*
alphaP[3]	-0.0756	-0.0771	0.6184	-1.2915	1.1384	0.4509	0.5491	
alphaP[4]	-0.5778	-0.5776	0.5467	-1.6631	0.4873	0.1471	0.8529	*
alphaP[5]	0.2684	0.2772	0.8068	-1.3398	1.8278	0.6360	0.3640	
alphaP[6]	-0.8350	-0.8346	0.5510	-1.9189	0.2287	0.0650	0.9350	*

Antibody Levels (A)

Parameter	Post.Mean	Post.Median	Post.SD	Lower95	Upper95	P.great.0	P.less.0	Evidence
betaA[1]	0.0079	0.0127	0.2862	-0.5778	0.5759	0.5196	0.4804	
betaA[2]	0.0022	0.0030	0.2961	-0.5892	0.5856	0.5044	0.4956	
betaA[3]	0.0049	0.0059	0.2964	-0.5890	0.5956	0.5083	0.4917	
betaA[4]	0.0001	0.0000	0.2951	-0.5871	0.5884	0.4999	0.5001	
betaA[5]	0.0023	0.0009	0.2964	-0.5888	0.5968	0.5013	0.4987	
betaA[6]	0.0026	0.0019	0.2964	-0.5871	0.5986	0.5026	0.4974	
betaA[7]	-0.0007	-0.0013	0.2976	-0.5952	0.5944	0.4981	0.5019	
betaA[8]	0.0001	-0.0012	0.2958	-0.5891	0.5909	0.4982	0.5018	
betaA[9]	0.0340	0.0337	0.0098	0.0154	0.0540	0.9998	0.0002	*
betaA[10]	0.0342	0.0341	0.0118	0.0111	0.0574	0.9978	0.0022	*
betaA[11]	0.0610	0.0548	0.0896	-0.0998	0.2556	0.7605	0.2395	*
betaA[12]	0.6892	0.6943	0.0950	0.4899	0.8583	1.0000	0.0000	*
betaA[13]	0.6564	0.6626	0.0972	0.4529	0.8269	1.0000	0.0000	*
betaA[14]	0.4172	0.4204	0.2449	-0.0775	0.8883	0.9540	0.0460	*
betaA[15]	-0.1174	-0.1174	0.0577	-0.2314	-0.0046	0.0209	0.9791	*
betaA[16]	-0.0667	-0.0666	0.0435	-0.1515	0.0186	0.0632	0.9368	*
betaA[17]	0.0154	0.0116	0.2769	-0.5241	0.5658	0.5168	0.4832	
betaA[18]	0.0124	0.0126	0.0592	-0.1040	0.1289	0.5853	0.4147	
betaA[19]	0.0149	0.0146	0.0408	-0.0643	0.0962	0.6396	0.3604	
betaA[20]	0.1175	0.1137	0.2863	-0.4506	0.6943	0.6653	0.3347	*
betaA[21]	-0.0343	-0.0342	0.0398	-0.1126	0.0439	0.1920	0.8080	*
betaA[22]	-0.0037	-0.0037	0.0340	-0.0703	0.0636	0.4570	0.5430	
betaA[23]	-0.0608	-0.0586	0.2839	-0.6342	0.5035	0.4096	0.5904	
betaA[24]	-0.0298	-0.0298	0.0469	-0.1219	0.0622	0.2606	0.7394	*
betaA[25]	-0.0094	-0.0088	0.0366	-0.0826	0.0604	0.4042	0.5958	
betaA[26]	-0.0517	-0.0546	0.2714	-0.5863	0.5063	0.4138	0.5862	
betaA[27]	0.1231	0.1233	0.0619	0.0012	0.2444	0.9761	0.0239	*
betaA[28]	0.0574	0.0575	0.0578	-0.0555	0.1711	0.8411	0.1589	*
betaA[29]	0.0419	0.0413	0.3119	-0.5691	0.6618	0.5536	0.4464	
betaA[30]	-0.0933	-0.0926	0.0456	-0.1842	-0.0054	0.0186	0.9814	*
betaA[31]	-0.0102	-0.0094	0.0478	-0.1060	0.0813	0.4217	0.5783	
betaA[32]	0.0215	0.0309	0.3120	-0.6150	0.6050	0.5396	0.4604	
alphaA[1]	-0.6900	-0.6746	0.2539	-1.2232	-0.2380	0.0006	0.9994	*
alphaA[2]	-0.1235	-0.1144	0.1414	-0.4248	0.1308	0.1877	0.8123	*
alphaA[3]	0.0031	0.0088	0.1183	-0.2453	0.2238	0.5312	0.4688	
alphaA[4]	0.1497	0.1486	0.0655	0.0233	0.2822	0.9901	0.0099	*
alphaA[5]	0.4632	0.4502	0.2142	0.0800	0.9161	0.9921	0.0079	*
alphaA[6]	0.0687	0.0686	0.0596	-0.0485	0.1867	0.8790	0.1210	*

Disease Status (D)

Parameter	Post.Mean	Post.Median	Post.SD	Lower95	Upper95	P.great.0	P.less.0	Evidence
betaD1[1]	0.0038	0.0007	0.5375	-1.0850	1.0937	0.5005	0.4995	
betaD1[2]	0.0014	0.0005	0.5444	-1.0930	1.1142	0.5004	0.4996	
betaD1[3]	0.0114	0.0102	0.5342	-1.0658	1.1095	0.5093	0.4907	
betaD1[4]	0.0015	-0.0016	0.5410	-1.0846	1.0925	0.4986	0.5014	
betaD1[5]	-0.0013	-0.0043	0.5415	-1.0825	1.1096	0.4966	0.5034	
betaD1[6]	0.0001	0.0044	0.5390	-1.0877	1.0852	0.5039	0.4961	
betaD1[7]	0.0023	0.0005	0.5405	-1.0886	1.1002	0.5004	0.4996	
betaD1[8]	-0.0025	0.0021	0.5390	-1.1090	1.0836	0.5017	0.4983	
betaD1[9]	-0.3716	-0.3575	0.1501	-0.7037	-0.1112	0.0010	0.9990	*
betaD1[10]	-0.5863	-0.5705	0.1821	-0.9766	-0.2606	0.0000	1.0000	*
betaD1[11]	-0.5267	-0.4817	0.3539	-1.3481	0.0550	0.0400	0.9600	*
betaD1[12]	-0.2755	-0.2665	0.3807	-1.0477	0.4732	0.2244	0.7756	*
betaD1[13]	0.1153	0.0887	0.4291	-0.6681	1.0515	0.5924	0.4076	
betaD1[14]	-0.1549	-0.1408	0.5249	-1.2377	0.8739	0.3792	0.6208	
betaD1[15]	-0.6108	-0.5852	0.3922	-1.4558	0.0876	0.0454	0.9546	*
betaD1[16]	-0.0202	-0.0222	0.3097	-0.6391	0.5922	0.4706	0.5294	
betaD1[17]	0.0167	0.0074	0.5244	-1.0230	1.1046	0.5072	0.4928	
betaD1[18]	0.6925	0.6645	0.4091	-0.0347	1.5656	0.9683	0.0317	*
betaD1[19]	0.0105	0.0079	0.2931	-0.5675	0.6008	0.5117	0.4883	
betaD1[20]	-0.1260	-0.1115	0.5319	-1.2334	0.9122	0.4033	0.5967	
betaD1[21]	-0.2744	-0.2622	0.2806	-0.8650	0.2349	0.1616	0.8384	*
betaD1[22]	0.0154	0.0134	0.2561	-0.4871	0.5252	0.5208	0.4792	
betaD1[23]	-0.0110	-0.0153	0.5250	-1.0506	1.0598	0.4865	0.5135	
betaD1[24]	-0.2247	-0.2213	0.2822	-0.7940	0.3313	0.2054	0.7946	*
betaD1[25]	0.5747	0.5580	0.3155	-0.0074	1.2321	0.9734	0.0266	*
betaD1[26]	-0.0493	-0.0522	0.5177	-1.0776	1.0156	0.4536	0.5464	
betaD1[27]	-0.1005	-0.0824	0.3819	-0.9093	0.6041	0.4092	0.5908	
betaD1[28]	-0.2584	-0.2440	0.3594	-1.0069	0.4163	0.2322	0.7678	*
betaD1[29]	-0.0804	-0.0689	0.5262	-1.1745	0.9344	0.4401	0.5599	
betaD1[30]	0.1253	0.1261	0.2890	-0.4441	0.7056	0.6726	0.3274	*
betaD1[31]	-0.0247	-0.0206	0.3118	-0.6570	0.5869	0.4713	0.5287	
betaD1[32]	-0.0659	-0.0548	0.5323	-1.1781	0.9795	0.4534	0.5466	
betaD2[1]	-0.0094	-0.0044	0.2750	-0.6022	0.5534	0.4880	0.5120	
betaD2[2]	0.0012	-0.0003	0.2749	-0.5785	0.5874	0.4993	0.5007	
betaD2[3]	-0.0006	-0.0017	0.2739	-0.5771	0.5767	0.4964	0.5036	
betaD2[4]	0.0008	-0.0009	0.2712	-0.5711	0.5761	0.4972	0.5028	
betaD2[5]	-0.0011	0.0009	0.2782	-0.5928	0.5805	0.5021	0.4979	
betaD2[6]	-0.0019	-0.0003	0.2734	-0.5914	0.5719	0.4993	0.5007	
betaD2[7]	0.0021	0.0022	0.2749	-0.5807	0.5782	0.5051	0.4949	
betaD2[8]	0.0013	-0.0010	0.2739	-0.5758	0.5778	0.4979	0.5021	
betaD2[9]	-0.0516	-0.0378	0.1278	-0.3414	0.1704	0.3631	0.6369	
betaD2[10]	-0.1297	-0.1128	0.1319	-0.4177	0.0898	0.1437	0.8563	*
betaD2[11]	0.1239	0.0795	0.2545	-0.2866	0.7512	0.6860	0.3140	*
betaD2[12]	-0.1703	-0.1183	0.2520	-0.7945	0.2035	0.2434	0.7566	*
betaD2[13]	-0.2144	-0.1513	0.2795	-0.9158	0.1764	0.1961	0.8039	*
betaD2[14]	0.0027	0.0040	0.2698	-0.5782	0.5584	0.5109	0.4891	

betaD2[15]	0.0509	0.0295	0.2328	-0.3956	0.5845	0.5770	0.4230	
betaD2[16]	0.0031	-0.0014	0.2105	-0.4267	0.4506	0.4960	0.5040	
betaD2[17]	0.0485	0.0277	0.2718	-0.4859	0.6527	0.5730	0.4270	
betaD2[18]	-0.1740	-0.1223	0.2632	-0.8147	0.2259	0.2451	0.7549	*
betaD2[19]	0.0072	0.0029	0.1965	-0.3964	0.4250	0.5086	0.4914	
betaD2[20]	-0.0178	-0.0077	0.2697	-0.6111	0.5247	0.4797	0.5203	
betaD2[21]	0.0036	-0.0007	0.2029	-0.4027	0.4415	0.4978	0.5022	
betaD2[22]	-0.0303	-0.0208	0.1917	-0.4466	0.3519	0.4381	0.5619	
betaD2[23]	0.0607	0.0355	0.2740	-0.4605	0.6899	0.5883	0.4117	
betaD2[24]	-0.0145	-0.0073	0.2079	-0.4664	0.4036	0.4792	0.5208	
betaD2[25]	-0.0921	-0.0642	0.2175	-0.5953	0.2996	0.3335	0.6665	*
betaD2[26]	0.0820	0.0478	0.2730	-0.4177	0.7197	0.6189	0.3811	
betaD2[27]	-0.0569	-0.0377	0.2320	-0.5723	0.4004	0.3995	0.6005	
betaD2[28]	-0.0340	-0.0253	0.2200	-0.5092	0.4093	0.4364	0.5636	
betaD2[29]	-0.0371	-0.0211	0.2725	-0.6339	0.5082	0.4450	0.5550	
betaD2[30]	-0.1120	-0.0767	0.2270	-0.6446	0.2822	0.3138	0.6862	*
betaD2[31]	-0.1215	-0.0864	0.2270	-0.6505	0.2691	0.2962	0.7038	*
betaD2[32]	-0.0165	-0.0115	0.2715	-0.6004	0.5433	0.4709	0.5291	
betaD3[1]	0.0073	0.0026	0.3813	-0.7845	0.8191	0.5065	0.4935	
betaD3[2]	0.0033	0.0009	0.3845	-0.8018	0.8203	0.5022	0.4978	
betaD3[3]	-0.0001	-0.0020	0.3914	-0.8203	0.8225	0.4961	0.5039	
betaD3[4]	-0.0042	-0.0020	0.3804	-0.8184	0.7908	0.4956	0.5044	
betaD3[5]	-0.0013	0.0018	0.3856	-0.8348	0.8030	0.5035	0.4965	
betaD3[6]	0.0006	0.0023	0.3850	-0.8145	0.8161	0.5046	0.4954	
betaD3[7]	0.0096	0.0047	0.3886	-0.7890	0.8445	0.5073	0.4927	
betaD3[8]	0.0053	-0.0008	0.3863	-0.7833	0.8268	0.4982	0.5018	
betaD3[9]	-0.1621	-0.1368	0.1712	-0.5600	0.1051	0.1554	0.8446	*
betaD3[10]	0.0750	0.0574	0.1833	-0.2555	0.4882	0.6530	0.3470	*
betaD3[11]	-0.0273	-0.0225	0.2814	-0.6165	0.5631	0.4507	0.5493	
betaD3[12]	0.1412	0.0883	0.3172	-0.3832	0.9019	0.6677	0.3323	*
betaD3[13]	0.1388	0.0770	0.3554	-0.4381	1.0082	0.6475	0.3525	
betaD3[14]	0.0258	0.0069	0.3684	-0.6995	0.8439	0.5147	0.4853	
betaD3[15]	0.1745	0.0960	0.3766	-0.4149	1.1226	0.6710	0.3290	*
betaD3[16]	-0.1525	-0.0951	0.3265	-0.9440	0.3965	0.3208	0.6792	*
betaD3[17]	-0.1248	-0.0687	0.3816	-1.0412	0.5496	0.3706	0.6294	
betaD3[18]	-0.0148	-0.0022	0.3162	-0.7300	0.6103	0.4956	0.5044	
betaD3[19]	-0.0670	-0.0403	0.2771	-0.6947	0.4674	0.4153	0.5847	
betaD3[20]	0.0883	0.0413	0.3904	-0.6217	0.9960	0.5824	0.4176	
betaD3[21]	0.0495	0.0262	0.2765	-0.4798	0.6712	0.5580	0.4420	
betaD3[22]	-0.0432	-0.0259	0.2820	-0.6684	0.5235	0.4447	0.5553	
betaD3[23]	-0.1208	-0.0658	0.3861	-1.0363	0.5557	0.3829	0.6171	
betaD3[24]	0.0812	0.0421	0.3111	-0.4836	0.8067	0.5866	0.4134	
betaD3[25]	-0.2153	-0.1598	0.3057	-0.9327	0.2792	0.2287	0.7713	*
betaD3[26]	-0.1588	-0.0919	0.3804	-1.0814	0.4720	0.3356	0.6644	*
betaD3[27]	0.1454	0.0879	0.3456	-0.4462	0.9722	0.6619	0.3381	*
betaD3[28]	0.2326	0.1588	0.3556	-0.3175	1.0961	0.7598	0.2402	*
betaD3[29]	0.1138	0.0598	0.3896	-0.5741	1.0511	0.6097	0.3903	
betaD3[30]	0.1441	0.0872	0.3299	-0.4098	0.9522	0.6644	0.3356	*
betaD3[31]	0.2126	0.1367	0.3614	-0.3352	1.1055	0.7310	0.2690	*
betaD3[32]	0.0684	0.0354	0.3837	-0.6727	0.9501	0.5712	0.4288	

alphaD1[1]	-0.5599	-0.5584	0.8217	-2.1921	1.0672	0.2441	0.7559	*
alphaD1[2]	-0.4743	-0.4711	0.7424	-1.9235	0.9827	0.2590	0.7410	*
alphaD1[3]	-0.0453	-0.0464	0.6983	-1.4174	1.3289	0.4730	0.5270	
alphaD1[4]	-0.3387	-0.3376	0.6521	-1.6119	0.9262	0.3058	0.6942	*
alphaD1[5]	0.3844	0.3846	0.8384	-1.2425	2.0110	0.6771	0.3229	*
alphaD1[6]	0.7718	0.7710	0.6302	-0.4546	2.0084	0.8909	0.1091	*
alphaD2[1]	2.5558	2.5505	0.7149	1.1483	3.9593	0.9997	0.0003	*
alphaD2[2]	0.7955	0.8019	0.6784	-0.5217	2.1148	0.8777	0.1223	*
alphaD2[3]	0.5563	0.5541	0.6544	-0.7233	1.8375	0.8035	0.1965	*
alphaD2[4]	0.7343	0.7348	0.6026	-0.4434	1.9169	0.8889	0.1111	*
alphaD2[5]	0.3501	0.3480	0.7998	-1.2167	1.9281	0.6713	0.3287	*
alphaD2[6]	0.7717	0.7651	0.6004	-0.3874	1.9744	0.9021	0.0979	*
alphaD3[1]	0.3770	0.3864	0.8062	-1.2114	1.9470	0.6817	0.3183	*
alphaD3[2]	0.5475	0.5522	0.8108	-1.0524	2.1233	0.7518	0.2482	*
alphaD3[3]	0.6997	0.7019	0.7660	-0.8095	2.2071	0.8206	0.1794	*
alphaD3[4]	0.5523	0.5554	0.7434	-0.9149	1.9897	0.7723	0.2277	*
alphaD3[5]	-0.2892	-0.2798	0.9146	-2.0958	1.4899	0.3803	0.6197	
alphaD3[6]	-0.6472	-0.6337	0.7791	-2.2018	0.8414	0.2053	0.7947	*

Inflammatory Responses (I1, I2, I3)

Parameter	Post.Mean	Post.Median	Post.SD	Lower95	Upper95	P.great.0	P.less.0	Evidence
betaI1[1]	0.0011	0.0008	0.1161	-0.2341	0.2412	0.5028	0.4972	
betaI1[2]	-0.0006	-0.0007	0.1179	-0.2426	0.2375	0.4966	0.5034	
betaI1[3]	-0.0005	0.0002	0.1168	-0.2411	0.2381	0.5008	0.4992	
betaI1[4]	0.0003	0.0001	0.1167	-0.2370	0.2381	0.5008	0.4992	
betaI1[5]	0.0007	0.0009	0.1174	-0.2383	0.2429	0.5037	0.4963	
betaI1[6]	0.0001	0.0000	0.1170	-0.2397	0.2392	0.5003	0.4997	
betaI1[7]	0.0009	0.0009	0.1174	-0.2401	0.2418	0.5043	0.4957	
betaI1[8]	0.0001	-0.0001	0.1167	-0.2404	0.2397	0.4994	0.5006	
betaI1[9]	-0.0231	-0.0232	0.0175	-0.0574	0.0113	0.0943	0.9057	*
betaI1[10]	-0.0270	-0.0267	0.0213	-0.0690	0.0149	0.1003	0.8997	*
betaI1[11]	0.0228	0.0224	0.0561	-0.0888	0.1363	0.6672	0.3328	*
betaI1[12]	0.1031	0.0997	0.0756	-0.0326	0.2609	0.9222	0.0778	*
betaI1[13]	0.0579	0.0535	0.0781	-0.0862	0.2222	0.7696	0.2304	*
betaI1[14]	0.0298	0.0239	0.1082	-0.1770	0.2631	0.6068	0.3932	
betaI1[15]	-0.0478	-0.0432	0.0779	-0.2111	0.0957	0.2784	0.7216	*
betaI1[16]	0.0934	0.0887	0.0744	-0.0396	0.2508	0.9049	0.0951	*
betaI1[17]	0.0446	0.0365	0.1126	-0.1641	0.2903	0.6539	0.3461	*
betaI1[18]	0.0607	0.0553	0.0797	-0.0839	0.2306	0.7746	0.2254	*
betaI1[19]	0.0295	0.0286	0.0611	-0.0898	0.1528	0.6852	0.3148	*
betaI1[20]	0.0156	0.0131	0.1133	-0.2127	0.2524	0.5602	0.4398	
betaI1[21]	-0.1389	-0.1370	0.0680	-0.2765	-0.0122	0.0131	0.9869	*
betaI1[22]	-0.0664	-0.0651	0.0550	-0.1773	0.0378	0.1084	0.8916	*
betaI1[23]	0.0244	0.0210	0.1111	-0.1963	0.2532	0.5895	0.4105	
betaI1[24]	0.0707	0.0670	0.0678	-0.0524	0.2116	0.8557	0.1443	*
betaI1[25]	-0.0075	-0.0080	0.0535	-0.1116	0.0997	0.4411	0.5589	
betaI1[26]	0.0194	0.0161	0.1101	-0.1998	0.2504	0.5714	0.4286	
betaI1[27]	0.0353	0.0309	0.0815	-0.1169	0.2066	0.6611	0.3389	*
betaI1[28]	0.0863	0.0784	0.0889	-0.0697	0.2774	0.8415	0.1585	*
betaI1[29]	-0.0208	-0.0156	0.1148	-0.2667	0.2013	0.4334	0.5666	
betaI1[30]	-0.1189	-0.1163	0.0710	-0.2646	0.0097	0.0381	0.9619	*
betaI1[31]	-0.1505	-0.1477	0.0814	-0.3175	-0.0025	0.0227	0.9773	*
betaI1[32]	-0.0195	-0.0152	0.1157	-0.2659	0.2075	0.4358	0.5642	
betaI2[1]	-0.0006	-0.0008	0.0741	-0.1584	0.1587	0.4916	0.5084	
betaI2[2]	0.0000	0.0002	0.0755	-0.1617	0.1618	0.5027	0.4973	
betaI2[3]	-0.0002	-0.0002	0.0744	-0.1607	0.1593	0.4982	0.5018	
betaI2[4]	0.0005	0.0007	0.0753	-0.1601	0.1624	0.5051	0.4949	
betaI2[5]	-0.0008	-0.0005	0.0753	-0.1632	0.1591	0.4963	0.5037	
betaI2[6]	0.0008	0.0006	0.0748	-0.1596	0.1636	0.5055	0.4945	
betaI2[7]	-0.0002	-0.0005	0.0755	-0.1611	0.1615	0.4936	0.5064	
betaI2[8]	-0.0009	-0.0007	0.0755	-0.1655	0.1577	0.4940	0.5060	
betaI2[9]	0.0022	0.0020	0.0172	-0.0314	0.0370	0.5501	0.4499	
betaI2[10]	-0.0130	-0.0109	0.0232	-0.0628	0.0277	0.3076	0.6924	*
betaI2[11]	-0.0096	-0.0071	0.0443	-0.1047	0.0793	0.4155	0.5845	
betaI2[12]	-0.0153	-0.0111	0.0548	-0.1331	0.0943	0.3842	0.6158	
betaI2[13]	0.0151	0.0100	0.0567	-0.0966	0.1429	0.6043	0.3957	
betaI2[14]	0.0007	-0.0005	0.0703	-0.1465	0.1547	0.4951	0.5049	

betaI2[15]	-0.0199	-0.0107	0.0619	-0.1680	0.0901	0.3937	0.6063	
betaI2[16]	0.0554	0.0418	0.0662	-0.0432	0.2124	0.8135	0.1865	*
betaI2[17]	-0.0055	-0.0027	0.0723	-0.1653	0.1449	0.4723	0.5277	
betaI2[18]	0.0684	0.0478	0.0822	-0.0413	0.2715	0.8182	0.1818	*
betaI2[19]	0.0181	0.0152	0.0500	-0.0831	0.1224	0.6579	0.3421	*
betaI2[20]	0.0038	0.0019	0.0730	-0.1483	0.1624	0.5167	0.4833	
betaI2[21]	-0.0356	-0.0237	0.0583	-0.1750	0.0570	0.2826	0.7174	*
betaI2[22]	0.0260	0.0205	0.0470	-0.0605	0.1309	0.7149	0.2851	*
betaI2[23]	-0.0055	-0.0027	0.0719	-0.1652	0.1448	0.4740	0.5260	
betaI2[24]	0.0386	0.0285	0.0578	-0.0558	0.1746	0.7491	0.2509	*
betaI2[25]	0.0380	0.0307	0.0512	-0.0497	0.1531	0.7803	0.2197	*
betaI2[26]	-0.0075	-0.0040	0.0712	-0.1667	0.1398	0.4596	0.5404	
betaI2[27]	-0.0443	-0.0282	0.0715	-0.2213	0.0649	0.2701	0.7299	*
betaI2[28]	0.0500	0.0349	0.0702	-0.0560	0.2197	0.7746	0.2254	*
betaI2[29]	0.0041	0.0023	0.0725	-0.1460	0.1647	0.5224	0.4776	
betaI2[30]	-0.0031	-0.0028	0.0526	-0.1130	0.1074	0.4681	0.5319	
betaI2[31]	0.0652	0.0525	0.0666	-0.0318	0.2182	0.8599	0.1401	*
betaI2[32]	0.0039	0.0021	0.0740	-0.1516	0.1666	0.5194	0.4806	
betaI3[1]	0.0004	0.0008	0.0694	-0.1487	0.1479	0.5077	0.4923	
betaI3[2]	0.0005	0.0004	0.0681	-0.1447	0.1452	0.5042	0.4958	
betaI3[3]	0.0009	0.0003	0.0686	-0.1434	0.1470	0.5017	0.4983	
betaI3[4]	0.0001	-0.0002	0.0684	-0.1428	0.1455	0.4973	0.5027	
betaI3[5]	0.0010	0.0004	0.0693	-0.1474	0.1501	0.5042	0.4958	
betaI3[6]	0.0001	0.0002	0.0682	-0.1456	0.1467	0.5024	0.4976	
betaI3[7]	-0.0001	-0.0001	0.0685	-0.1445	0.1478	0.4986	0.5014	
betaI3[8]	0.0000	-0.0003	0.0689	-0.1467	0.1477	0.4967	0.5033	
betaI3[9]	0.0125	0.0117	0.0203	-0.0271	0.0542	0.7381	0.2619	*
betaI3[10]	0.0275	0.0252	0.0261	-0.0178	0.0826	0.8618	0.1382	*
betaI3[11]	0.0279	0.0197	0.0527	-0.0614	0.1540	0.6970	0.3030	*
betaI3[12]	0.0326	0.0218	0.0604	-0.0676	0.1790	0.6997	0.3003	*
betaI3[13]	-0.0063	-0.0046	0.0567	-0.1281	0.1133	0.4510	0.5490	
betaI3[14]	-0.0009	-0.0001	0.0654	-0.1419	0.1373	0.4989	0.5011	
betaI3[15]	0.0031	0.0021	0.0593	-0.1219	0.1313	0.5238	0.4762	
betaI3[16]	-0.0224	-0.0147	0.0568	-0.1570	0.0796	0.3528	0.6472	
betaI3[17]	0.0143	0.0076	0.0686	-0.1175	0.1733	0.5778	0.4222	
betaI3[18]	-0.0064	-0.0025	0.0605	-0.1442	0.1116	0.4736	0.5264	
betaI3[19]	-0.0198	-0.0115	0.0554	-0.1522	0.0763	0.3796	0.6204	
betaI3[20]	-0.0077	-0.0036	0.0688	-0.1625	0.1296	0.4625	0.5375	
betaI3[21]	0.0303	0.0210	0.0570	-0.0654	0.1655	0.7023	0.2977	*
betaI3[22]	0.0445	0.0334	0.0584	-0.0446	0.1850	0.7897	0.2103	*
betaI3[23]	0.0137	0.0067	0.0711	-0.1190	0.1827	0.5694	0.4306	
betaI3[24]	-0.0015	-0.0002	0.0553	-0.1215	0.1122	0.4978	0.5022	
betaI3[25]	-0.0436	-0.0332	0.0575	-0.1777	0.0471	0.2183	0.7817	*
betaI3[26]	0.0168	0.0089	0.0696	-0.1129	0.1811	0.5859	0.4141	
betaI3[27]	0.0281	0.0163	0.0661	-0.0832	0.1915	0.6524	0.3476	*
betaI3[28]	0.0108	0.0056	0.0598	-0.1059	0.1471	0.5604	0.4396	
betaI3[29]	-0.0095	-0.0051	0.0683	-0.1647	0.1257	0.4467	0.5533	
betaI3[30]	0.0038	0.0028	0.0551	-0.1120	0.1211	0.5315	0.4685	
betaI3[31]	-0.0301	-0.0196	0.0606	-0.1750	0.0726	0.3191	0.6809	*
betaI3[32]	-0.0087	-0.0041	0.0689	-0.1647	0.1282	0.4592	0.5408	

alphaI1[1]	-1.5323	-1.5356	0.3176	-2.1376	-0.8999	0.0000	1.0000	*
alphaI1[2]	-0.5059	-0.5062	0.2546	-1.0054	-0.0130	0.0221	0.9779	*
alphaI1[3]	-0.3776	-0.3790	0.2339	-0.8375	0.0785	0.0533	0.9467	*
alphaI1[4]	-0.0651	-0.0654	0.1344	-0.3299	0.1995	0.3138	0.6862	*
alphaI1[5]	-0.4982	-0.4968	0.3449	-1.1751	0.1726	0.0745	0.9255	*
alphaI1[6]	0.0630	0.0623	0.1274	-0.1879	0.3142	0.6923	0.3077	*
alphaI2[1]	-0.3583	-0.3633	0.3571	-1.0499	0.3497	0.1603	0.8397	*
alphaI2[2]	-0.0080	-0.0016	0.3293	-0.6761	0.6197	0.4977	0.5023	
alphaI2[3]	-0.0136	-0.0102	0.3054	-0.6348	0.5707	0.4862	0.5138	
alphaI2[4]	-0.4555	-0.4551	0.1899	-0.8258	-0.0809	0.0085	0.9915	*
alphaI2[5]	0.1016	0.1030	0.4265	-0.7351	0.9367	0.5950	0.4050	
alphaI2[6]	-0.0027	-0.0024	0.1798	-0.3559	0.3493	0.4951	0.5049	
alphaI3[1]	-0.9124	-0.9176	0.4177	-1.7262	-0.0882	0.0155	0.9845	*
alphaI3[2]	-0.5466	-0.5477	0.3904	-1.3209	0.2070	0.0798	0.9202	*
alphaI3[3]	-0.5025	-0.5009	0.3626	-1.2103	0.1909	0.0815	0.9185	*
alphaI3[4]	-0.0837	-0.0824	0.2322	-0.5373	0.3701	0.3572	0.6428	
alphaI3[5]	0.3393	0.3444	0.5042	-0.6531	1.3181	0.7475	0.2525	*
alphaI3[6]	-0.3935	-0.3941	0.2191	-0.8239	0.0343	0.0357	0.9643	*

Regulatory Responses (R1, R2, R3)

Parameter	Post.Mean	Post.Median	Post.SD	Lower95	Upper95	P.great.0	P.less.0	Evidence
betaR1[1]	0.0049	0.0057	0.2205	-0.4404	0.4433	0.5125	0.4875	
betaR1[2]	0.0010	0.0007	0.2254	-0.4513	0.4535	0.5017	0.4983	
betaR1[3]	0.0032	0.0034	0.2240	-0.4461	0.4537	0.5067	0.4933	
betaR1[4]	-0.0002	0.0019	0.2255	-0.4512	0.4490	0.5040	0.4960	
betaR1[5]	0.0001	0.0007	0.2253	-0.4542	0.4505	0.5016	0.4984	
betaR1[6]	0.0005	-0.0001	0.2229	-0.4511	0.4479	0.4999	0.5001	
betaR1[7]	0.0007	-0.0006	0.2271	-0.4487	0.4572	0.4987	0.5013	
betaR1[8]	0.0010	0.0001	0.2251	-0.4485	0.4500	0.5002	0.4998	
betaR1[9]	0.0936	0.0935	0.0249	0.0452	0.1428	1.0000	0.0000	*
betaR1[10]	0.0393	0.0390	0.0267	-0.0129	0.0927	0.9328	0.0672	*
betaR1[11]	0.1775	0.1726	0.0932	0.0080	0.3772	0.9803	0.0197	*
betaR1[12]	-0.2590	-0.2566	0.1060	-0.4699	-0.0566	0.0065	0.9935	*
betaR1[13]	0.0145	0.0151	0.1154	-0.2109	0.2409	0.5559	0.4441	
betaR1[14]	-0.0934	-0.0851	0.1983	-0.5076	0.2800	0.3228	0.6772	*
betaR1[15]	0.0063	0.0093	0.1333	-0.2631	0.2623	0.5277	0.4723	
betaR1[16]	0.0166	0.0170	0.1027	-0.1844	0.2170	0.5638	0.4362	
betaR1[17]	0.0091	0.0101	0.2094	-0.4108	0.4174	0.5210	0.4790	
betaR1[18]	0.0532	0.0498	0.1394	-0.2144	0.3356	0.6444	0.3556	
betaR1[19]	0.0549	0.0535	0.0932	-0.1249	0.2412	0.7207	0.2793	*
betaR1[20]	-0.0237	-0.0250	0.2149	-0.4522	0.4058	0.4510	0.5490	
betaR1[21]	-0.0800	-0.0777	0.0982	-0.2783	0.1073	0.2060	0.7940	*
betaR1[22]	0.0091	0.0102	0.0778	-0.1450	0.1611	0.5518	0.4482	
betaR1[23]	0.0133	0.0095	0.2091	-0.3951	0.4436	0.5204	0.4796	
betaR1[24]	0.3613	0.3597	0.1105	0.1494	0.5823	0.9994	0.0006	*
betaR1[25]	0.2492	0.2491	0.0766	0.0985	0.3991	0.9993	0.0007	*
betaR1[26]	0.0878	0.0861	0.2049	-0.3175	0.5029	0.6754	0.3246	*
betaR1[27]	-0.3330	-0.3296	0.1502	-0.6357	-0.0486	0.0103	0.9897	*
betaR1[28]	-0.2622	-0.2610	0.1367	-0.5385	0.0011	0.0253	0.9747	*
betaR1[29]	-0.0079	-0.0084	0.2159	-0.4400	0.4248	0.4835	0.5165	
betaR1[30]	-0.0056	-0.0064	0.1038	-0.2074	0.1990	0.4761	0.5239	
betaR1[31]	-0.1162	-0.1153	0.1015	-0.3165	0.0797	0.1249	0.8751	*
betaR1[32]	-0.0020	-0.0036	0.2212	-0.4394	0.4456	0.4927	0.5073	
betaR2[1]	-0.0001	-0.0002	0.0647	-0.1355	0.1345	0.4981	0.5019	
betaR2[2]	0.0001	-0.0002	0.0651	-0.1346	0.1383	0.4986	0.5014	
betaR2[3]	-0.0007	-0.0005	0.0653	-0.1379	0.1348	0.4962	0.5038	
betaR2[4]	-0.0007	-0.0008	0.0649	-0.1353	0.1363	0.4908	0.5092	
betaR2[5]	0.0000	-0.0001	0.0650	-0.1346	0.1354	0.4993	0.5007	
betaR2[6]	0.0002	0.0002	0.0658	-0.1370	0.1378	0.5019	0.4981	
betaR2[7]	0.0000	-0.0004	0.0648	-0.1340	0.1377	0.4969	0.5031	
betaR2[8]	0.0004	0.0002	0.0657	-0.1326	0.1375	0.5025	0.4975	
betaR2[9]	0.0065	0.0063	0.0126	-0.0180	0.0322	0.7013	0.2987	*
betaR2[10]	0.0104	0.0093	0.0161	-0.0187	0.0443	0.7324	0.2676	*
betaR2[11]	-0.0168	-0.0148	0.0355	-0.0926	0.0513	0.3086	0.6914	*
betaR2[12]	0.0474	0.0411	0.0489	-0.0308	0.1590	0.8499	0.1501	*
betaR2[13]	0.0096	0.0067	0.0471	-0.0823	0.1124	0.5729	0.4271	
betaR2[14]	0.0054	0.0019	0.0611	-0.1121	0.1406	0.5197	0.4803	

betaR2[15]	0.0184	0.0117	0.0517	-0.0709	0.1423	0.6215	0.3785	
betaR2[16]	-0.0067	-0.0061	0.0434	-0.0947	0.0831	0.4320	0.5680	
betaR2[17]	0.0039	0.0022	0.0620	-0.1210	0.1377	0.5206	0.4794	
betaR2[18]	-0.0083	-0.0037	0.0496	-0.1232	0.0830	0.4593	0.5407	
betaR2[19]	0.0244	0.0215	0.0399	-0.0505	0.1098	0.7345	0.2655	*
betaR2[20]	-0.0044	-0.0025	0.0627	-0.1401	0.1225	0.4757	0.5243	
betaR2[21]	0.0393	0.0332	0.0444	-0.0339	0.1404	0.8244	0.1756	*
betaR2[22]	0.0003	0.0009	0.0348	-0.0716	0.0697	0.5119	0.4881	
betaR2[23]	0.0095	0.0057	0.0624	-0.1115	0.1473	0.5554	0.4446	
betaR2[24]	-0.0714	-0.0640	0.0571	-0.2011	0.0146	0.0740	0.9260	*
betaR2[25]	-0.0270	-0.0240	0.0375	-0.1067	0.0416	0.2305	0.7695	*
betaR2[26]	0.0043	0.0022	0.0616	-0.1173	0.1383	0.5210	0.4790	
betaR2[27]	0.0732	0.0613	0.0664	-0.0217	0.2301	0.9018	0.0982	*
betaR2[28]	0.0510	0.0405	0.0587	-0.0393	0.1899	0.8240	0.1760	*
betaR2[29]	-0.0056	-0.0029	0.0648	-0.1460	0.1224	0.4725	0.5275	
betaR2[30]	0.0098	0.0093	0.0412	-0.0754	0.0930	0.6104	0.3896	
betaR2[31]	-0.0455	-0.0379	0.0508	-0.1608	0.0351	0.1751	0.8249	*
betaR2[32]	-0.0063	-0.0036	0.0651	-0.1464	0.1227	0.4650	0.5350	
betaR3[1]	0.0026	0.0042	0.2261	-0.4541	0.4544	0.5071	0.4929	
betaR3[2]	0.0007	0.0000	0.2343	-0.4638	0.4716	0.5000	0.5000	
betaR3[3]	0.0006	-0.0009	0.2334	-0.4701	0.4645	0.4987	0.5013	
betaR3[4]	0.0011	0.0015	0.2342	-0.4719	0.4644	0.5027	0.4973	
betaR3[5]	0.0005	0.0003	0.2335	-0.4668	0.4674	0.5004	0.4996	
betaR3[6]	0.0018	0.0006	0.2348	-0.4661	0.4756	0.5011	0.4989	
betaR3[7]	0.0001	0.0007	0.2348	-0.4693	0.4717	0.5011	0.4989	
betaR3[8]	-0.0001	-0.0004	0.2342	-0.4691	0.4740	0.4991	0.5009	
betaR3[9]	-0.0251	-0.0255	0.0206	-0.0647	0.0163	0.1080	0.8920	*
betaR3[10]	-0.0326	-0.0325	0.0235	-0.0789	0.0133	0.0824	0.9176	*
betaR3[11]	0.0676	0.0648	0.0838	-0.0901	0.2445	0.7996	0.2004	*
betaR3[12]	0.2787	0.2783	0.0979	0.0883	0.4741	0.9989	0.0011	*
betaR3[13]	0.3301	0.3293	0.1101	0.1171	0.5501	0.9992	0.0008	*
betaR3[14]	0.0896	0.0858	0.1942	-0.2876	0.4879	0.6807	0.3193	*
betaR3[15]	0.2677	0.2657	0.1050	0.0678	0.4777	0.9966	0.0034	*
betaR3[16]	0.2563	0.2562	0.0815	0.0986	0.4164	0.9994	0.0006	*
betaR3[17]	-0.0010	-0.0016	0.2081	-0.4191	0.4155	0.4969	0.5031	
betaR3[18]	0.2167	0.2157	0.1072	0.0117	0.4306	0.9807	0.0193	*
betaR3[19]	0.0973	0.0968	0.0749	-0.0490	0.2449	0.9058	0.0942	*
betaR3[20]	0.0172	0.0171	0.2135	-0.4113	0.4484	0.5340	0.4660	
betaR3[21]	0.0117	0.0115	0.0732	-0.1316	0.1549	0.5655	0.4345	
betaR3[22]	-0.0898	-0.0890	0.0619	-0.2108	0.0322	0.0718	0.9282	*
betaR3[23]	-0.0143	-0.0152	0.2061	-0.4194	0.4040	0.4670	0.5330	
betaR3[24]	-0.1723	-0.1699	0.0885	-0.3508	-0.0064	0.0207	0.9793	*
betaR3[25]	0.0113	0.0118	0.0610	-0.1088	0.1308	0.5771	0.4229	
betaR3[26]	0.0103	0.0108	0.2012	-0.3937	0.4100	0.5241	0.4759	
betaR3[27]	-0.3238	-0.3224	0.1225	-0.5665	-0.0869	0.0031	0.9969	*
betaR3[28]	-0.3124	-0.3116	0.1174	-0.5466	-0.0855	0.0026	0.9974	*
betaR3[29]	0.0115	0.0126	0.2191	-0.4294	0.4485	0.5242	0.4758	
betaR3[30]	0.0639	0.0633	0.0802	-0.0902	0.2246	0.7856	0.2144	*
betaR3[31]	0.1832	0.1829	0.0829	0.0199	0.3452	0.9857	0.0143	*
betaR3[32]	0.0314	0.0302	0.2236	-0.4140	0.4827	0.5588	0.4412	

alphaR1[1]	-0.9243	-0.9249	0.4020	-1.7279	-0.1468	0.0092	0.9908	*
alphaR1[2]	-0.2078	-0.2050	0.3311	-0.8655	0.4503	0.2598	0.7402	*
alphaR1[3]	-0.1269	-0.1273	0.3017	-0.7212	0.4650	0.3361	0.6639	*
alphaR1[4]	0.1616	0.1624	0.1796	-0.1942	0.5122	0.8168	0.1832	*
alphaR1[5]	-0.7436	-0.7437	0.4325	-1.5852	0.1083	0.0429	0.9571	*
alphaR1[6]	0.1185	0.1183	0.1691	-0.2123	0.4530	0.7586	0.2414	*
alphaR2[1]	0.2483	0.2475	0.2623	-0.2583	0.7665	0.8255	0.1745	*
alphaR2[2]	0.1291	0.1311	0.2357	-0.3349	0.5848	0.7070	0.2930	*
alphaR2[3]	0.1268	0.1280	0.2174	-0.2993	0.5471	0.7176	0.2824	*
alphaR2[4]	0.1433	0.1431	0.1187	-0.0871	0.3779	0.8871	0.1129	*
alphaR2[5]	0.2028	0.2013	0.3067	-0.3971	0.7999	0.7475	0.2525	*
alphaR2[6]	0.2056	0.2052	0.1114	-0.0117	0.4239	0.9680	0.0320	*
alphaR3[1]	0.7760	0.7787	0.3356	0.1078	1.4269	0.9886	0.0114	*
alphaR3[2]	-0.2378	-0.2324	0.2855	-0.8096	0.3066	0.2056	0.7944	*
alphaR3[3]	-0.0392	-0.0366	0.2593	-0.5470	0.4678	0.4443	0.5557	
alphaR3[4]	-0.0568	-0.0567	0.1487	-0.3443	0.2349	0.3489	0.6511	*
alphaR3[5]	-0.7490	-0.7492	0.3693	-1.4728	-0.0241	0.0214	0.9786	*
alphaR3[6]	-0.2369	-0.2370	0.1355	-0.5014	0.0293	0.0401	0.9599	*

Standard Deviations and Covariance Matrix

Parameter	Post.Mean	Post.Median	Post.SD	Lower95	Upper95	P.great.0	P.less.0	Evidence
sigmaP	1.2641	1.2629	0.4534	0.4730	2.1743	1.0000	0.0000	*
sigmaA	0.3398	0.3473	0.0915	0.1424	0.4900	1.0000	0.0000	*
SigmaIR[1, 1]	0.8360	0.8324	0.0863	0.6774	1.0175	1.0000	0.0000	*
SigmaIR[2, 1]	0.1002	0.0993	0.0906	-0.0764	0.2790	0.8702	0.1298	*
SigmaIR[3, 1]	-0.1114	-0.1101	0.1115	-0.3335	0.1033	0.1555	0.8445	*
SigmaIR[4, 1]	0.4757	0.4732	0.0831	0.3212	0.6487	1.0000	0.0000	*
SigmaIR[5, 1]	0.0132	0.0131	0.0574	-0.0989	0.1262	0.5890	0.4110	
SigmaIR[6, 1]	-0.0771	-0.0772	0.0645	-0.2031	0.0500	0.1161	0.8839	*
SigmaIR[1, 2]	0.1002	0.0993	0.0906	-0.0764	0.2790	0.8702	0.1298	*
SigmaIR[2, 2]	2.0837	2.0735	0.1921	1.7300	2.4870	1.0000	0.0000	*
SigmaIR[3, 2]	1.8017	1.7921	0.1936	1.4480	2.2075	1.0000	0.0000	*
SigmaIR[4, 2]	0.4174	0.4139	0.1212	0.1904	0.6647	1.0000	0.0000	*
SigmaIR[5, 2]	0.6291	0.6278	0.0933	0.4507	0.8174	1.0000	0.0000	*
SigmaIR[6, 2]	0.1580	0.1585	0.0984	-0.0410	0.3493	0.9448	0.0552	*
SigmaIR[1, 3]	-0.1114	-0.1101	0.1115	-0.3335	0.1033	0.1555	0.8445	*
SigmaIR[2, 3]	1.8017	1.7921	0.1936	1.4480	2.2075	1.0000	0.0000	*
SigmaIR[3, 3]	3.1892	3.1724	0.2787	2.6904	3.7860	1.0000	0.0000	*
SigmaIR[4, 3]	0.3442	0.3419	0.1448	0.0633	0.6340	0.9923	0.0077	*
SigmaIR[5, 3]	0.4217	0.4204	0.1015	0.2277	0.6254	1.0000	0.0000	*
SigmaIR[6, 3]	0.1859	0.1843	0.1188	-0.0425	0.4255	0.9445	0.0555	*
SigmaIR[1, 4]	0.4757	0.4732	0.0831	0.3212	0.6487	1.0000	0.0000	*
SigmaIR[2, 4]	0.4174	0.4139	0.1212	0.1904	0.6647	1.0000	0.0000	*
SigmaIR[3, 4]	0.3442	0.3419	0.1448	0.0633	0.6340	0.9923	0.0077	*
SigmaIR[4, 4]	1.5167	1.5103	0.1493	1.2423	1.8270	1.0000	0.0000	*
SigmaIR[5, 4]	-0.0414	-0.0408	0.0718	-0.1840	0.0976	0.2812	0.7188	*
SigmaIR[6, 4]	-0.1208	-0.1188	0.0822	-0.2866	0.0376	0.0659	0.9341	*
SigmaIR[1, 5]	0.0132	0.0131	0.0574	-0.0989	0.1262	0.5890	0.4110	
SigmaIR[2, 5]	0.6291	0.6278	0.0933	0.4507	0.8174	1.0000	0.0000	*
SigmaIR[3, 5]	0.4217	0.4204	0.1015	0.2277	0.6254	1.0000	0.0000	*
SigmaIR[4, 5]	-0.0414	-0.0408	0.0718	-0.1840	0.0976	0.2812	0.7188	*
SigmaIR[5, 5]	0.6842	0.6818	0.0733	0.5461	0.8355	1.0000	0.0000	*
SigmaIR[6, 5]	0.4657	0.4633	0.0690	0.3348	0.6064	1.0000	0.0000	*
SigmaIR[1, 6]	-0.0771	-0.0772	0.0645	-0.2031	0.0500	0.1161	0.8839	*
SigmaIR[2, 6]	0.1580	0.1585	0.0984	-0.0410	0.3493	0.9448	0.0552	*
SigmaIR[3, 6]	0.1859	0.1843	0.1188	-0.0425	0.4255	0.9445	0.0555	*
SigmaIR[4, 6]	-0.1208	-0.1188	0.0822	-0.2866	0.0376	0.0659	0.9341	*
SigmaIR[5, 6]	0.4657	0.4633	0.0690	0.3348	0.6064	1.0000	0.0000	*
SigmaIR[6, 6]	0.9918	0.9884	0.0996	0.8048	1.1952	1.0000	0.0000	*

Moving-Average Parameters and Standard Deviations

Parameter	Post.Mean	Post.Median	Post.SD	Lower95	Upper95	P.great.0	P.less.0	Evidence
sigma.wP	1.4039	1.3577	0.3735	0.7838	2.2537	1.0000	0.0000	*
wP[1, 1]	-0.0243	-0.0224	1.3323	-2.7167	2.6709	0.4926	0.5074	
wP[2, 1]	0.1487	0.1518	1.3020	-2.5067	2.7614	0.5516	0.4484	
wP[3, 1]	-0.3557	-0.3201	1.2821	-3.0154	2.1796	0.3845	0.6155	
wP[4, 1]	-0.0717	-0.0618	1.3134	-2.7094	2.5546	0.4781	0.5219	
wP[5, 1]	0.4392	0.4390	1.1042	-1.8617	2.7104	0.6893	0.3107	*
wP[6, 1]	-0.4751	-0.4618	1.3674	-3.2327	2.2684	0.3521	0.6479	
wP[7, 1]	-0.0719	-0.0615	1.3761	-2.8572	2.6802	0.4801	0.5199	
wP[8, 1]	-0.3587	-0.3521	1.3613	-3.1158	2.3832	0.3864	0.6136	
wP[9, 1]	-0.1115	-0.1023	1.3551	-2.8606	2.6162	0.4676	0.5324	
wP[10, 1]	-0.1098	-0.0901	1.3379	-2.8367	2.5145	0.4703	0.5297	
wP[11, 1]	0.8520	0.8464	1.2295	-1.6325	3.3448	0.7837	0.2163	*
wP[12, 1]	-0.9100	-0.8915	1.2467	-3.4525	1.6073	0.2045	0.7955	*
wP[13, 1]	0.1638	0.1594	1.3616	-2.5861	2.9233	0.5521	0.4479	
wP[14, 1]	-0.1968	-0.1861	1.3824	-3.0287	2.5615	0.4393	0.5607	
wP[15, 1]	-0.4732	-0.4568	1.3969	-3.3320	2.2976	0.3561	0.6439	
wP[16, 1]	-0.2761	-0.2630	1.3741	-3.0451	2.4838	0.4160	0.5840	
wP[17, 1]	-0.4584	-0.4383	1.3709	-3.2657	2.2587	0.3574	0.6426	
wP[18, 1]	0.9970	0.9787	1.1788	-1.4068	3.4324	0.8353	0.1647	*
wP[19, 1]	-0.6631	-0.6351	1.4042	-3.5343	2.0970	0.3059	0.6941	*
wP[20, 1]	-0.3739	-0.3577	1.3843	-3.1726	2.3994	0.3864	0.6136	
wP[21, 1]	0.4177	0.4078	1.3594	-2.3104	3.1537	0.6320	0.3680	
wP[22, 1]	0.3298	0.3127	1.3684	-2.3984	3.1060	0.6030	0.3970	
wP[23, 1]	-0.4596	-0.4406	1.3894	-3.2874	2.3093	0.3599	0.6401	
wP[24, 1]	-0.0970	-0.0964	1.4028	-2.9337	2.7229	0.4679	0.5321	
wP[25, 1]	0.0068	0.0003	1.4485	-2.9096	2.9283	0.5001	0.4999	
wP[26, 1]	-0.1738	-0.1661	1.4165	-3.0932	2.6588	0.4468	0.5532	
wP[27, 1]	-0.3929	-0.3781	1.4098	-3.2613	2.4018	0.3840	0.6160	
wP[28, 1]	-0.2234	-0.2042	1.3649	-2.9874	2.5079	0.4333	0.5667	
wP[29, 1]	-0.2584	-0.2513	1.3342	-2.9804	2.4221	0.4156	0.5844	
wP[30, 1]	-0.9115	-0.8728	1.2743	-3.5689	1.5988	0.2125	0.7875	*
wP[31, 1]	-0.7633	-0.7250	1.4161	-3.6864	1.9638	0.2849	0.7151	*
wP[32, 1]	-0.1048	-0.1000	1.3241	-2.7923	2.5592	0.4646	0.5354	
wP[33, 1]	0.1001	0.1104	1.2879	-2.5192	2.7090	0.5392	0.4608	
wP[34, 1]	-0.6134	-0.5894	1.2857	-3.2622	1.9394	0.2982	0.7018	*
wP[35, 1]	0.2772	0.2810	1.3507	-2.4328	2.9947	0.5904	0.4096	
wP[36, 1]	1.5651	1.5612	1.1881	-0.8745	3.9752	0.9187	0.0813	*
wP[37, 1]	-0.5107	-0.4840	1.4148	-3.4046	2.2847	0.3486	0.6514	*
wP[38, 1]	-0.0979	-0.0818	1.3176	-2.7764	2.5460	0.4730	0.5270	
wP[39, 1]	-0.4010	-0.3808	1.3895	-3.2612	2.3433	0.3809	0.6191	
wP[40, 1]	-0.3815	-0.3602	1.3523	-3.1510	2.2921	0.3800	0.6200	
wP[41, 1]	0.2992	0.2928	1.3522	-2.4264	3.0204	0.5952	0.4048	
wP[42, 1]	-0.2439	-0.2318	1.3994	-3.0950	2.5701	0.4253	0.5747	
wP[43, 1]	0.5071	0.5025	1.3260	-2.1512	3.1842	0.6639	0.3361	*
wP[44, 1]	-0.3670	-0.3386	1.4190	-3.3097	2.4118	0.3941	0.6059	
wP[45, 1]	-0.4251	-0.4039	1.3849	-3.2636	2.3064	0.3711	0.6289	
wP[46, 1]	-0.0712	-0.0586	1.3686	-2.8267	2.6509	0.4806	0.5194	

wP[47, 1]	-0.3051	-0.2867	1.3802	-3.1242	2.4534	0.4064	0.5936	
wP[48, 1]	-0.5291	-0.4994	1.3814	-3.3667	2.1999	0.3413	0.6587	*
wP[49, 1]	-0.2399	-0.2173	1.3838	-3.0748	2.5024	0.4296	0.5704	
wP[50, 1]	-0.2600	-0.2504	1.3812	-3.0435	2.5060	0.4222	0.5778	
wP[1, 2]	-0.0330	-0.0233	1.2698	-2.5799	2.4847	0.4916	0.5084	
wP[2, 2]	-0.8803	-0.8416	1.2483	-3.4478	1.5563	0.2272	0.7728	*
wP[3, 2]	0.7625	0.7810	1.2145	-1.7663	3.1606	0.7606	0.2394	*
wP[4, 2]	-0.9352	-0.8968	1.2647	-3.5579	1.4977	0.2188	0.7812	*
wP[5, 2]	0.2495	0.2009	0.9747	-1.6104	2.3752	0.6001	0.3999	
wP[6, 2]	-0.3834	-0.3296	1.2689	-3.0672	2.0121	0.3856	0.6144	
wP[7, 2]	0.0083	0.0315	1.3313	-2.7233	2.6058	0.5098	0.4902	
wP[8, 2]	-0.3377	-0.2867	1.3538	-3.1978	2.2103	0.4077	0.5923	
wP[9, 2]	0.0225	0.0551	1.2451	-2.5328	2.4539	0.5185	0.4815	
wP[10, 2]	0.2699	0.2828	1.2547	-2.3150	2.7633	0.5973	0.4027	
wP[11, 2]	1.9537	1.8697	1.1184	-0.0811	4.4608	0.9705	0.0295	*
wP[12, 2]	1.3769	1.4740	1.3546	-1.5820	3.8464	0.8517	0.1483	*
wP[13, 2]	0.2213	0.2093	1.2720	-2.2864	2.8109	0.5705	0.4295	
wP[14, 2]	-0.1354	-0.0988	1.3392	-2.9550	2.4643	0.4676	0.5324	
wP[15, 2]	-0.2241	-0.1687	1.3417	-3.0744	2.3243	0.4447	0.5553	
wP[16, 2]	-0.4751	-0.4295	1.3296	-3.2671	2.0613	0.3576	0.6424	
wP[17, 2]	-0.6269	-0.5690	1.3407	-3.4909	1.8919	0.3173	0.6827	*
wP[18, 2]	-0.1831	-0.2590	1.0697	-2.1301	2.2430	0.3873	0.6127	
wP[19, 2]	-0.4785	-0.4197	1.3800	-3.4006	2.1062	0.3662	0.6338	
wP[20, 2]	-0.4430	-0.3946	1.3466	-3.2764	2.1364	0.3712	0.6288	
wP[21, 2]	0.6386	0.5907	1.2781	-1.8060	3.3007	0.6972	0.3028	*
wP[22, 2]	0.6179	0.5900	1.2901	-1.8530	3.3100	0.6922	0.3078	*
wP[23, 2]	-0.4743	-0.4154	1.3510	-3.3452	2.1069	0.3624	0.6376	
wP[24, 2]	0.0096	0.0151	1.3442	-2.7305	2.6772	0.5052	0.4948	
wP[25, 2]	0.0002	-0.0056	1.4507	-2.9179	2.9174	0.4980	0.5020	
wP[26, 2]	-0.0541	-0.0368	1.3390	-2.7537	2.5923	0.4878	0.5122	
wP[27, 2]	-0.2750	-0.2384	1.3921	-3.2066	2.4095	0.4236	0.5764	
wP[28, 2]	0.3468	0.3896	1.1978	-2.1727	2.6330	0.6401	0.3599	
wP[29, 2]	-0.3889	-0.3366	1.3007	-3.1428	2.0993	0.3846	0.6154	
wP[30, 2]	-1.0354	-0.9239	1.2010	-3.7406	1.0571	0.1799	0.8201	*
wP[31, 2]	-0.7654	-0.6880	1.3907	-3.7804	1.8249	0.2881	0.7119	*
wP[32, 2]	-0.1603	-0.1383	1.2701	-2.7685	2.3259	0.4532	0.5468	
wP[33, 2]	0.3427	0.3503	1.1503	-1.9959	2.6384	0.6314	0.3686	
wP[34, 2]	-0.8027	-0.7240	1.2087	-3.4522	1.4095	0.2464	0.7536	*
wP[35, 2]	0.6680	0.6336	1.3222	-1.8975	3.4333	0.7040	0.2960	*
wP[36, 2]	0.6016	0.4116	1.1298	-1.1846	3.4326	0.6946	0.3054	*
wP[37, 2]	-0.4780	-0.4163	1.3858	-3.4131	2.1310	0.3717	0.6283	
wP[38, 2]	-0.0354	-0.0213	1.1922	-2.4851	2.3157	0.4918	0.5082	
wP[39, 2]	-0.6323	-0.5725	1.3506	-3.4873	1.9161	0.3160	0.6840	*
wP[40, 2]	0.1239	0.1745	1.2259	-2.4835	2.4562	0.5635	0.4365	
wP[41, 2]	0.4762	0.4451	1.2756	-2.0004	3.1314	0.6508	0.3492	*
wP[42, 2]	-0.2388	-0.2127	1.3476	-2.9884	2.4274	0.4305	0.5695	
wP[43, 2]	-0.0294	-0.0644	1.2633	-2.4638	2.6001	0.4789	0.5211	
wP[44, 2]	-0.0881	-0.0470	1.3417	-2.9325	2.4657	0.4845	0.5155	
wP[45, 2]	-0.1212	-0.0756	1.3117	-2.8818	2.3925	0.4744	0.5256	
wP[46, 2]	0.0754	0.0723	1.3302	-2.6033	2.7335	0.5246	0.4754	

wP[47, 2]	-0.2544	-0.2228	1.4066	-3.1661	2.4604	0.4304	0.5696	
wP[48, 2]	-0.7199	-0.6449	1.3013	-3.5185	1.7033	0.2854	0.7146	*
wP[49, 2]	-0.1244	-0.0896	1.3491	-2.9207	2.4849	0.4703	0.5297	
wP[50, 2]	-0.4244	-0.3915	1.3608	-3.2464	2.2156	0.3758	0.6242	
wP[1, 3]	-1.0005	-0.9638	1.3160	-3.7341	1.5355	0.2129	0.7871	*
wP[2, 3]	-0.8291	-0.6969	1.2434	-3.6559	1.3247	0.2481	0.7519	*
wP[3, 3]	1.2682	1.1638	1.3441	-1.1224	4.2332	0.8445	0.1555	*
wP[4, 3]	-1.0882	-0.9691	1.2655	-3.9217	1.1177	0.1786	0.8214	*
wP[5, 3]	-0.0672	-0.0563	0.9419	-2.0234	1.8214	0.4722	0.5278	
wP[6, 3]	-0.5453	-0.5098	1.2166	-3.0635	1.8151	0.3183	0.6817	*
wP[7, 3]	-0.4636	-0.4375	1.3191	-3.2115	2.1169	0.3586	0.6414	
wP[8, 3]	-0.4871	-0.4649	1.3142	-3.1895	2.0907	0.3490	0.6510	*
wP[9, 3]	-0.1107	-0.1049	1.2400	-2.6184	2.3618	0.4636	0.5364	
wP[10, 3]	0.4345	0.4094	1.2653	-2.0721	3.0354	0.6424	0.3576	
wP[11, 3]	0.6710	0.5142	1.0516	-1.0531	3.2123	0.7437	0.2563	*
wP[12, 3]	-0.4233	-0.6435	1.3861	-2.6435	3.0548	0.2993	0.7007	*
wP[13, 3]	0.0264	0.0272	1.3240	-2.6431	2.6372	0.5092	0.4908	
wP[14, 3]	0.1734	0.1819	1.2818	-2.4288	2.7367	0.5626	0.4374	
wP[15, 3]	-0.4654	-0.4584	1.2969	-3.0550	2.1229	0.3494	0.6506	*
wP[16, 3]	0.5431	0.5526	1.3240	-2.1445	3.1518	0.6751	0.3249	*
wP[17, 3]	-0.4817	-0.4385	1.3071	-3.2105	2.0389	0.3544	0.6456	
wP[18, 3]	1.2002	1.2559	1.0722	-1.1351	3.1704	0.8756	0.1244	*
wP[19, 3]	0.1506	0.1469	1.3247	-2.5165	2.8311	0.5489	0.4511	
wP[20, 3]	-0.4371	-0.4094	1.3355	-3.1898	2.1685	0.3672	0.6328	
wP[21, 3]	0.4375	0.4182	1.2946	-2.1091	3.1157	0.6356	0.3644	
wP[22, 3]	0.2902	0.2649	1.2788	-2.1869	2.9364	0.5886	0.4114	
wP[23, 3]	-0.3551	-0.3284	1.3478	-3.1124	2.2842	0.3932	0.6068	
wP[24, 3]	0.0205	0.0175	1.3312	-2.6030	2.7187	0.5056	0.4944	
wP[25, 3]	-0.0098	-0.0060	1.4497	-2.9262	2.8968	0.4982	0.5018	
wP[26, 3]	0.0503	0.0463	1.3676	-2.6862	2.8038	0.5153	0.4847	
wP[27, 3]	-0.0383	-0.0477	1.3727	-2.8185	2.7132	0.4848	0.5152	
wP[28, 3]	2.4368	2.3935	1.0909	0.3133	4.7495	0.9859	0.0141	*
wP[29, 3]	-0.8686	-0.8046	1.2496	-3.5351	1.4846	0.2312	0.7688	*
wP[30, 3]	-0.4368	-0.3831	1.1349	-2.8689	1.6960	0.3510	0.6490	
wP[31, 3]	0.0698	0.0837	1.3314	-2.6333	2.6989	0.5265	0.4735	
wP[32, 3]	-0.1737	-0.1370	1.2424	-2.7541	2.2411	0.4508	0.5492	
wP[33, 3]	0.2905	0.2987	1.1134	-1.9745	2.5549	0.6178	0.3822	
wP[34, 3]	-1.1353	-1.0688	1.1347	-3.5968	0.9943	0.1365	0.8635	*
wP[35, 3]	0.4344	0.3942	1.2763	-2.0056	3.1020	0.6314	0.3686	
wP[36, 3]	1.2803	1.3078	1.0597	-0.9263	3.3214	0.8912	0.1088	*
wP[37, 3]	0.6242	0.6170	1.3392	-2.0447	3.3342	0.6932	0.3068	*
wP[38, 3]	-0.6043	-0.5754	1.2446	-3.1463	1.8061	0.3072	0.6928	*
wP[39, 3]	-0.2784	-0.2246	1.3351	-3.0736	2.2703	0.4255	0.5745	
wP[40, 3]	1.1285	1.0853	1.2618	-1.2876	3.7372	0.8270	0.1730	*
wP[41, 3]	-0.7426	-0.7312	1.3104	-3.3791	1.8663	0.2695	0.7305	*
wP[42, 3]	-0.2225	-0.2022	1.3084	-2.8932	2.3821	0.4308	0.5692	
wP[43, 3]	-0.1048	-0.0367	1.1545	-2.6031	2.0396	0.4851	0.5149	
wP[44, 3]	0.0832	0.0745	1.3249	-2.5810	2.7689	0.5249	0.4751	
wP[45, 3]	-0.0371	-0.0439	1.3341	-2.6910	2.6642	0.4858	0.5142	
wP[46, 3]	-0.2149	-0.2079	1.3264	-2.8868	2.4339	0.4318	0.5682	

wP[47, 3]	-0.0021	-0.0070	1.4484	-2.9143	2.9250	0.4977	0.5023	
wP[48, 3]	-0.6422	-0.5898	1.3243	-3.4166	1.8605	0.3106	0.6894	*
wP[49, 3]	-0.4284	-0.4051	1.2789	-3.0387	2.1009	0.3611	0.6389	
wP[50, 3]	-0.6540	-0.6070	1.3425	-3.4591	1.9195	0.3051	0.6949	*
wP[1, 4]	-0.4939	-0.3767	1.3135	-3.4519	1.7886	0.3705	0.6295	
wP[2, 4]	0.5584	0.5584	1.2075	-1.8612	2.9689	0.6899	0.3101	*
wP[3, 4]	0.9900	0.9241	1.2892	-1.4299	3.7253	0.7916	0.2084	*
wP[4, 4]	-0.1654	-0.1297	1.2299	-2.7315	2.1832	0.4552	0.5448	
wP[5, 4]	0.5404	0.5280	1.0325	-1.5205	2.6497	0.7133	0.2867	*
wP[6, 4]	-0.3992	-0.3362	1.1722	-2.9230	1.7737	0.3720	0.6280	
wP[7, 4]	-0.5455	-0.4923	1.3473	-3.4138	1.9862	0.3418	0.6582	*
wP[8, 4]	-1.1223	-1.0570	1.3520	-3.9904	1.4344	0.1897	0.8103	*
wP[9, 4]	-0.2681	-0.2515	1.2476	-2.8206	2.1549	0.4139	0.5861	
wP[10, 4]	-0.1600	-0.1347	1.2564	-2.7094	2.3248	0.4526	0.5474	
wP[11, 4]	-0.4238	-0.3912	0.9172	-2.3642	1.3671	0.3112	0.6888	*
wP[12, 4]	-0.5906	-0.3638	1.2273	-3.6722	1.2843	0.3446	0.6554	*
wP[13, 4]	-0.0383	-0.0331	1.4275	-2.9247	2.7904	0.4896	0.5104	
wP[14, 4]	0.7337	0.7125	1.2825	-1.7752	3.3550	0.7285	0.2715	*
wP[15, 4]	-0.6458	-0.5838	1.3612	-3.5235	1.9367	0.3153	0.6847	*
wP[16, 4]	0.3593	0.3038	1.3624	-2.2144	3.2457	0.6002	0.3998	
wP[17, 4]	0.0336	0.0525	1.3176	-2.6829	2.6118	0.5176	0.4824	
wP[18, 4]	0.0812	-0.1038	1.2067	-1.8548	3.0547	0.4585	0.5415	
wP[19, 4]	0.0344	0.0364	1.3895	-2.7819	2.8580	0.5119	0.4881	
wP[20, 4]	-0.4889	-0.4457	1.3703	-3.3625	2.1326	0.3596	0.6404	
wP[21, 4]	-0.9816	-0.9700	1.3412	-3.6833	1.6847	0.2164	0.7836	*
wP[22, 4]	0.0838	0.0926	1.2887	-2.5075	2.6435	0.5319	0.4681	
wP[23, 4]	-0.7084	-0.6558	1.3422	-3.5474	1.8759	0.2888	0.7112	*
wP[24, 4]	-0.0924	-0.0850	1.3691	-2.8662	2.6624	0.4738	0.5262	
wP[25, 4]	0.0106	0.0089	1.4570	-2.9175	2.9755	0.5027	0.4973	
wP[26, 4]	-0.5253	-0.5002	1.3714	-3.3044	2.1744	0.3414	0.6586	*
wP[27, 4]	-0.0151	-0.0148	1.3795	-2.8045	2.7444	0.4952	0.5048	
wP[28, 4]	2.6685	2.4819	1.3943	0.4439	5.9461	0.9923	0.0077	*
wP[29, 4]	-1.0260	-0.9362	1.3448	-3.9597	1.4192	0.2142	0.7858	*
wP[30, 4]	-0.8058	-0.7600	1.2521	-3.4271	1.5862	0.2522	0.7478	*
wP[31, 4]	-0.2293	-0.2368	1.3017	-2.8311	2.4275	0.4193	0.5807	
wP[32, 4]	-0.5030	-0.4483	1.2854	-3.2129	1.9663	0.3473	0.6527	*
wP[33, 4]	0.9816	0.9675	0.9938	-1.0177	3.0594	0.8633	0.1367	*
wP[34, 4]	-0.1164	-0.0210	1.0375	-2.5317	1.7153	0.4905	0.5095	
wP[35, 4]	0.1803	0.1696	1.2674	-2.3500	2.7486	0.5577	0.4423	
wP[36, 4]	1.4422	1.3023	1.4290	-1.0294	4.5928	0.8539	0.1461	*
wP[37, 4]	0.1091	0.0725	1.3241	-2.4271	2.9056	0.5243	0.4757	
wP[38, 4]	-0.4849	-0.4012	1.3063	-3.3406	1.9003	0.3651	0.6349	
wP[39, 4]	-0.0172	-0.0077	1.3104	-2.6851	2.5815	0.4972	0.5028	
wP[40, 4]	0.6456	0.5989	1.2438	-1.7068	3.3221	0.7105	0.2895	*
wP[41, 4]	-0.6699	-0.5610	1.3342	-3.6225	1.6891	0.3178	0.6822	*
wP[42, 4]	-0.0869	-0.0659	1.3271	-2.8099	2.5461	0.4774	0.5226	
wP[43, 4]	1.3936	1.3590	1.0869	-0.7367	3.6405	0.9139	0.0861	*
wP[44, 4]	-0.0644	-0.0678	1.4155	-2.9376	2.7733	0.4799	0.5201	
wP[45, 4]	-0.7734	-0.7314	1.3605	-3.6056	1.8604	0.2733	0.7267	*
wP[46, 4]	-0.5378	-0.4972	1.3481	-3.3552	2.0529	0.3398	0.6602	*

wP[47, 4]	0.0041	0.0013	1.4474	-2.8948	2.9072	0.5005	0.4995	
wP[48, 4]	-0.7231	-0.6697	1.3687	-3.5820	1.8680	0.2942	0.7058	*
wP[49, 4]	-0.5058	-0.4420	1.3484	-3.3782	2.0234	0.3568	0.6432	
wP[50, 4]	-0.5701	-0.5039	1.4021	-3.5215	2.0821	0.3401	0.6599	*
wP[1, 5]	0.4646	0.4351	1.2558	-1.9694	3.0357	0.6499	0.3501	
wP[2, 5]	-0.1160	-0.1258	1.2774	-2.6113	2.5133	0.4568	0.5432	
wP[3, 5]	-0.1451	-0.1866	1.2753	-2.5827	2.5702	0.4350	0.5650	
wP[4, 5]	-0.5032	-0.4978	1.1756	-2.8866	1.8771	0.3160	0.6840	*
wP[5, 5]	-0.8158	-0.8345	1.0615	-2.8759	1.4019	0.2015	0.7985	*
wP[6, 5]	-0.3596	-0.3408	1.2277	-2.8591	2.0774	0.3787	0.6213	
wP[7, 5]	-0.1114	-0.0941	1.3419	-2.8588	2.5248	0.4697	0.5303	
wP[8, 5]	-0.8086	-0.7125	1.3361	-3.6948	1.6183	0.2672	0.7328	*
wP[9, 5]	-0.6005	-0.5374	1.2096	-3.1610	1.6912	0.3038	0.6962	*
wP[10, 5]	-0.4369	-0.3677	1.3225	-3.2606	2.0512	0.3771	0.6229	
wP[11, 5]	0.5728	0.5947	0.8992	-1.3363	2.3633	0.7721	0.2279	*
wP[12, 5]	0.3133	0.2057	0.9854	-1.4273	2.6086	0.6024	0.3976	
wP[13, 5]	0.0009	0.0019	1.4429	-2.9025	2.9134	0.5005	0.4995	
wP[14, 5]	2.0591	1.9979	1.1158	-0.0264	4.4728	0.9737	0.0263	*
wP[15, 5]	-0.2994	-0.2680	1.3182	-3.0283	2.2625	0.4111	0.5889	
wP[16, 5]	0.2210	0.2499	1.3032	-2.4774	2.7582	0.5832	0.4168	
wP[17, 5]	0.4995	0.4853	1.2263	-1.9186	3.0235	0.6693	0.3307	*
wP[18, 5]	0.1183	0.2245	1.1360	-2.4823	2.0985	0.5874	0.4126	
wP[19, 5]	0.2473	0.2485	1.4101	-2.6115	3.0919	0.5782	0.4218	
wP[20, 5]	-0.3050	-0.2810	1.3458	-3.0631	2.3055	0.4106	0.5894	
wP[21, 5]	-0.6479	-0.5357	1.3924	-3.7397	1.8198	0.3298	0.6702	*
wP[22, 5]	0.1458	0.1404	1.2860	-2.4240	2.7449	0.5481	0.4519	
wP[23, 5]	-0.9220	-0.8581	1.3791	-3.8591	1.6518	0.2451	0.7549	*
wP[24, 5]	0.3927	0.3833	1.3814	-2.3897	3.1635	0.6228	0.3772	
wP[25, 5]	-0.0015	-0.0004	1.4535	-2.9152	2.9262	0.4998	0.5002	
wP[26, 5]	-0.2348	-0.1986	1.3757	-3.1161	2.3982	0.4375	0.5625	
wP[27, 5]	0.0181	0.0263	1.4400	-2.8863	2.9089	0.5084	0.4916	
wP[28, 5]	-0.5138	-0.5777	1.1586	-2.6756	2.0344	0.2946	0.7054	*
wP[29, 5]	-1.4326	-1.3508	1.2178	-4.0853	0.7989	0.0969	0.9031	*
wP[30, 5]	-1.1276	-1.0164	1.3202	-4.0576	1.2354	0.1799	0.8201	*
wP[31, 5]	-0.7713	-0.7162	1.3563	-3.6024	1.8240	0.2773	0.7227	*
wP[32, 5]	-0.1477	-0.0982	1.2249	-2.7089	2.1917	0.4647	0.5353	
wP[33, 5]	0.9326	0.8400	1.0371	-0.9038	3.2775	0.8334	0.1666	*
wP[34, 5]	-0.8088	-0.8486	0.9795	-2.6612	1.3258	0.1791	0.8209	*
wP[35, 5]	-0.4612	-0.4515	1.3007	-3.0988	2.1349	0.3513	0.6487	
wP[36, 5]	0.0066	0.0044	1.4590	-2.9352	2.9423	0.5014	0.4986	
wP[37, 5]	0.8837	0.9226	1.1034	-1.5237	3.0019	0.8265	0.1735	*
wP[38, 5]	0.0045	0.0244	1.2532	-2.5442	2.4985	0.5085	0.4915	
wP[39, 5]	0.1097	0.1120	1.3456	-2.6202	2.7840	0.5371	0.4629	
wP[40, 5]	0.1118	0.1283	1.1666	-2.2745	2.4289	0.5505	0.4495	
wP[41, 5]	0.1918	0.1909	1.2729	-2.3753	2.7357	0.5665	0.4335	
wP[42, 5]	0.0624	0.0837	1.2601	-2.5163	2.5775	0.5286	0.4714	
wP[43, 5]	0.5677	0.4414	1.1232	-1.3489	3.1844	0.6857	0.3143	*
wP[44, 5]	0.0056	-0.0022	1.4502	-2.9079	2.9482	0.4994	0.5006	
wP[45, 5]	-0.6104	-0.5266	1.3608	-3.5849	1.8836	0.3271	0.6729	*
wP[46, 5]	-0.0762	-0.0530	1.3339	-2.8101	2.5487	0.4834	0.5166	

wP[47, 5]	0.0017	0.0015	1.4496	-2.8944	2.9256	0.5004	0.4996	
wP[48, 5]	-0.3891	-0.3302	1.3520	-3.2599	2.1520	0.3940	0.6060	
wP[49, 5]	0.5027	0.4925	1.0918	-1.7129	2.7398	0.7007	0.2993	*
wP[50, 5]	-0.3400	-0.3156	1.3577	-3.1327	2.3461	0.3978	0.6022	
wP[1, 6]	-0.2458	-0.2190	1.2318	-2.7724	2.2082	0.4176	0.5824	
wP[2, 6]	-0.7326	-0.6446	1.2945	-3.5709	1.6286	0.2869	0.7131	*
wP[3, 6]	-0.9861	-0.9044	1.2698	-3.7304	1.3435	0.2079	0.7921	*
wP[4, 6]	-1.1127	-1.0298	1.2174	-3.7650	1.0967	0.1635	0.8365	*
wP[5, 6]	0.3068	0.4307	1.1455	-2.3922	2.2773	0.6607	0.3393	*
wP[6, 6]	-0.6560	-0.5732	1.2631	-3.3993	1.6822	0.3006	0.6994	*
wP[7, 6]	-0.0910	-0.0758	1.4021	-2.9677	2.6611	0.4769	0.5231	
wP[8, 6]	1.6215	1.6120	1.2619	-0.9272	4.1749	0.9125	0.0875	*
wP[9, 6]	1.2521	1.2847	1.1625	-1.2643	3.4941	0.8794	0.1206	*
wP[10, 6]	-0.1372	-0.1057	1.4123	-3.0752	2.6293	0.4666	0.5334	
wP[11, 6]	1.3296	1.2630	1.0128	-0.5459	3.5100	0.9221	0.0779	*
wP[12, 6]	0.3463	0.3735	1.0190	-1.7989	2.3247	0.6562	0.3438	*
wP[13, 6]	0.0005	0.0062	1.4556	-2.9369	2.8992	0.5019	0.4981	
wP[14, 6]	1.7979	1.6483	1.2340	-0.2350	4.6963	0.9569	0.0431	*
wP[15, 6]	-0.0931	-0.0846	1.3997	-2.9494	2.6469	0.4741	0.5259	
wP[16, 6]	0.2752	0.2524	1.3862	-2.4565	3.1062	0.5794	0.4206	
wP[17, 6]	0.1880	0.1769	1.3020	-2.3803	2.8199	0.5568	0.4432	
wP[18, 6]	1.0015	0.9224	1.3142	-1.3831	3.7868	0.7742	0.2258	*
wP[19, 6]	0.1573	0.1414	1.4207	-2.6460	3.0534	0.5437	0.4563	
wP[20, 6]	-0.0799	-0.0729	1.4231	-2.9813	2.7418	0.4777	0.5223	
wP[21, 6]	0.2059	0.1852	1.3758	-2.4717	3.0335	0.5589	0.4411	
wP[22, 6]	0.0439	0.0433	1.3344	-2.6474	2.7160	0.5135	0.4865	
wP[23, 6]	-0.5506	-0.4656	1.3831	-3.5596	1.9717	0.3520	0.6480	
wP[24, 6]	0.3008	0.2590	1.4451	-2.4861	3.3442	0.5798	0.4202	
wP[25, 6]	0.0010	0.0021	1.4550	-2.9406	2.9268	0.5007	0.4993	
wP[26, 6]	0.1371	0.1049	1.4263	-2.6651	3.1232	0.5331	0.4669	
wP[27, 6]	-0.0365	-0.0491	1.4350	-2.8831	2.8539	0.4849	0.5151	
wP[28, 6]	-0.2196	-0.1068	1.1836	-2.9733	1.8563	0.4569	0.5431	
wP[29, 6]	-1.6168	-1.4906	1.2834	-4.5263	0.5972	0.0782	0.9218	*
wP[30, 6]	-0.5999	-0.5216	1.3180	-3.4220	1.8322	0.3269	0.6731	*
wP[31, 6]	-0.4062	-0.3578	1.4229	-3.3840	2.3151	0.3892	0.6108	
wP[32, 6]	0.1325	0.1344	1.3207	-2.5108	2.7773	0.5427	0.4573	
wP[33, 6]	0.1648	0.1584	1.2012	-2.2120	2.5685	0.5565	0.4435	
wP[34, 6]	0.8254	0.9279	1.1263	-1.7493	2.8220	0.7970	0.2030	*
wP[35, 6]	-0.4216	-0.3727	1.4088	-3.3977	2.2869	0.3835	0.6165	
wP[36, 6]	0.0000	0.0061	1.4535	-2.9096	2.9232	0.5017	0.4983	
wP[37, 6]	3.1009	2.9975	1.2381	0.9148	5.8395	0.9967	0.0033	*
wP[38, 6]	-0.1697	-0.1556	1.3454	-2.9330	2.4761	0.4497	0.5503	
wP[39, 6]	0.0029	0.0166	1.3732	-2.8078	2.7214	0.5057	0.4943	
wP[40, 6]	-0.1023	-0.0879	1.2316	-2.6106	2.3108	0.4693	0.5307	
wP[41, 6]	0.0815	0.0661	1.3883	-2.6621	2.8973	0.5212	0.4788	
wP[42, 6]	-0.0375	-0.0122	1.3389	-2.8010	2.5710	0.4959	0.5041	
wP[43, 6]	-0.0677	-0.0392	1.1574	-2.4583	2.1759	0.4849	0.5151	
wP[44, 6]	-0.0023	-0.0008	1.4470	-2.9205	2.9126	0.4997	0.5003	
wP[45, 6]	-0.1415	-0.1160	1.3741	-2.9702	2.5773	0.4628	0.5372	
wP[46, 6]	0.0183	0.0214	1.3611	-2.7107	2.7355	0.5071	0.4929	

wP[47, 6]	-0.0050	-0.0039	1.4518	-2.9420	2.8754	0.4991	0.5009	
wP[48, 6]	-0.1090	-0.0800	1.3879	-2.9798	2.5880	0.4743	0.5257	
wP[49, 6]	0.9660	0.8882	1.2032	-1.2470	3.5961	0.8055	0.1945	*
wP[50, 6]	-0.2027	-0.1728	1.4034	-3.1026	2.5366	0.4455	0.5545	
wP[1, 7]	-0.3764	-0.3274	1.3487	-3.1842	2.1792	0.3950	0.6050	
wP[2, 7]	-0.2339	-0.1954	1.3894	-3.1112	2.4373	0.4376	0.5624	
wP[3, 7]	-0.3897	-0.3445	1.3609	-3.2357	2.2250	0.3898	0.6102	
wP[4, 7]	-0.5091	-0.4464	1.3417	-3.3908	1.9766	0.3587	0.6413	
wP[5, 7]	1.0642	0.9852	1.3145	-1.3283	3.8606	0.7935	0.2065	*
wP[6, 7]	-0.2748	-0.2345	1.3618	-3.1077	2.3287	0.4237	0.5763	
wP[7, 7]	-0.0727	-0.0598	1.4489	-3.0314	2.8046	0.4827	0.5173	
wP[8, 7]	1.4332	1.2868	1.5139	-1.1480	4.8052	0.8413	0.1587	*
wP[9, 7]	1.3441	1.2145	1.4079	-1.1135	4.4612	0.8399	0.1601	*
wP[10, 7]	-0.0101	-0.0101	1.4534	-2.9346	2.9271	0.4971	0.5029	
wP[11, 7]	0.6205	0.5716	1.2109	-1.6595	3.1356	0.6921	0.3079	*
wP[12, 7]	0.5893	0.5373	1.2264	-1.7154	3.1539	0.6794	0.3206	*
wP[13, 7]	-0.0070	-0.0083	1.4432	-2.9107	2.8952	0.4973	0.5027	
wP[14, 7]	0.4284	0.4030	1.2098	-1.8976	2.9046	0.6375	0.3625	
wP[15, 7]	0.0065	0.0105	1.4565	-2.9258	2.9103	0.5030	0.4970	
wP[16, 7]	-0.0233	-0.0171	1.4485	-2.9806	2.8725	0.4951	0.5049	
wP[17, 7]	-0.0161	-0.0096	1.4057	-2.8478	2.7710	0.4970	0.5030	
wP[18, 7]	-0.0059	-0.0008	1.4502	-2.9250	2.9109	0.4997	0.5003	
wP[19, 7]	-0.0491	-0.0461	1.4530	-3.0017	2.8597	0.4864	0.5136	
wP[20, 7]	-0.0008	0.0024	1.4353	-2.9019	2.8725	0.5007	0.4993	
wP[21, 7]	0.0091	0.0094	1.4454	-2.8910	2.9215	0.5031	0.4969	
wP[22, 7]	-0.0085	-0.0032	1.4280	-2.8870	2.8588	0.4988	0.5012	
wP[23, 7]	-0.1144	-0.0979	1.4276	-3.0210	2.7047	0.4698	0.5302	
wP[24, 7]	-0.0253	-0.0231	1.4485	-2.9366	2.8874	0.4924	0.5076	
wP[25, 7]	0.0106	0.0058	1.4524	-2.8961	2.9331	0.5018	0.4982	
wP[26, 7]	-0.0007	0.0008	1.4471	-2.9280	2.9209	0.5002	0.4998	
wP[27, 7]	0.0131	0.0091	1.4426	-2.8827	2.9023	0.5027	0.4973	
wP[28, 7]	0.6825	0.6090	1.3078	-1.7214	3.4758	0.6929	0.3071	*
wP[29, 7]	-0.6314	-0.5669	1.3576	-3.4977	1.9080	0.3216	0.6784	*
wP[30, 7]	-0.0897	-0.0765	1.4060	-2.9641	2.6895	0.4761	0.5239	
wP[31, 7]	-0.0308	-0.0198	1.4616	-2.9962	2.8586	0.4939	0.5061	
wP[32, 7]	0.0262	0.0217	1.4359	-2.8739	2.9310	0.5067	0.4933	
wP[33, 7]	0.0061	0.0055	1.4519	-2.9147	2.9281	0.5015	0.4985	
wP[34, 7]	1.4604	1.3470	1.4159	-1.0151	4.5673	0.8570	0.1430	*
wP[35, 7]	-0.0300	-0.0182	1.4584	-2.9609	2.8581	0.4949	0.5051	
wP[36, 7]	-0.0014	-0.0071	1.4610	-2.9313	2.9497	0.4979	0.5021	
wP[37, 7]	1.7255	1.5675	1.4914	-0.7900	5.0986	0.8967	0.1033	*
wP[38, 7]	-0.1236	-0.1067	1.4410	-3.0568	2.7170	0.4662	0.5338	
wP[39, 7]	-0.0670	-0.0476	1.4368	-2.9978	2.7620	0.4844	0.5156	
wP[40, 7]	-0.1589	-0.1272	1.3764	-3.0122	2.5095	0.4600	0.5400	
wP[41, 7]	-0.0101	-0.0099	1.4379	-2.8803	2.8866	0.4970	0.5030	
wP[42, 7]	-0.0431	-0.0226	1.4433	-2.9928	2.8009	0.4929	0.5071	
wP[43, 7]	0.2166	0.1906	1.3940	-2.4952	3.0937	0.5610	0.4390	
wP[44, 7]	0.0116	0.0116	1.4449	-2.8854	2.9300	0.5034	0.4966	
wP[45, 7]	-0.0213	-0.0113	1.4313	-2.9121	2.8422	0.4968	0.5032	
wP[46, 7]	-0.0910	-0.0749	1.4005	-2.9382	2.6671	0.4766	0.5234	

wP[47, 7]	-0.0095	-0.0045	1.4543	-2.9494	2.9185	0.4984	0.5016	
wP[48, 7]	-0.0408	-0.0396	1.4416	-2.9627	2.8373	0.4880	0.5120	
wP[49, 7]	0.3967	0.3640	1.2471	-2.0073	2.9483	0.6221	0.3779	
wP[50, 7]	-0.0295	-0.0195	1.4592	-2.9765	2.8953	0.4936	0.5064	
sigma.wA	0.2851	0.2835	0.0986	0.0934	0.4623	1.0000	0.0000	*
wA[1, 1]	0.0455	0.0404	0.2907	-0.5497	0.6527	0.5692	0.4308	
wA[2, 1]	-0.0280	-0.0249	0.2856	-0.6200	0.5564	0.4568	0.5432	
wA[3, 1]	0.0235	0.0207	0.2872	-0.5639	0.6203	0.5363	0.4637	
wA[4, 1]	0.0015	0.0032	0.2882	-0.6017	0.5931	0.5057	0.4943	
wA[5, 1]	0.0143	0.0118	0.2870	-0.5712	0.6162	0.5206	0.4794	
wA[6, 1]	0.0721	0.0612	0.3060	-0.5428	0.7138	0.5983	0.4017	
wA[7, 1]	-0.0060	-0.0053	0.2860	-0.5974	0.5850	0.4907	0.5093	
wA[8, 1]	0.0091	0.0076	0.2883	-0.5813	0.6055	0.5131	0.4869	
wA[9, 1]	0.0386	0.0343	0.2893	-0.5553	0.6435	0.5585	0.4415	
wA[10, 1]	0.0629	0.0567	0.2901	-0.5331	0.6611	0.5958	0.4042	
wA[11, 1]	-0.0534	-0.0465	0.2920	-0.6594	0.5423	0.4203	0.5797	
wA[12, 1]	-0.0381	-0.0334	0.2891	-0.6399	0.5536	0.4431	0.5569	
wA[13, 1]	0.0163	0.0142	0.2873	-0.5747	0.6082	0.5233	0.4767	
wA[14, 1]	0.0066	0.0054	0.2875	-0.5852	0.6004	0.5098	0.4902	
wA[15, 1]	0.0313	0.0279	0.2886	-0.5605	0.6284	0.5490	0.4510	
wA[16, 1]	0.0250	0.0222	0.2875	-0.5554	0.6233	0.5393	0.4607	
wA[17, 1]	0.0434	0.0392	0.2890	-0.5453	0.6432	0.5655	0.4345	
wA[18, 1]	-0.0566	-0.0507	0.2899	-0.6641	0.5377	0.4136	0.5864	
wA[19, 1]	0.0386	0.0351	0.2992	-0.5739	0.6578	0.5559	0.4441	
wA[20, 1]	-0.0803	-0.0700	0.2963	-0.7017	0.5183	0.3851	0.6149	
wA[21, 1]	-0.0009	-0.0007	0.2867	-0.5983	0.5906	0.4989	0.5011	
wA[22, 1]	-0.0521	-0.0454	0.2904	-0.6607	0.5366	0.4233	0.5767	
wA[23, 1]	0.0554	0.0491	0.2931	-0.5415	0.6652	0.5798	0.4202	
wA[24, 1]	0.0530	0.0462	0.2913	-0.5401	0.6660	0.5767	0.4233	
wA[25, 1]	-0.0001	-0.0007	0.3016	-0.6205	0.6198	0.4986	0.5014	
wA[26, 1]	0.0606	0.0521	0.2913	-0.5292	0.6697	0.5876	0.4124	
wA[27, 1]	0.0883	0.0778	0.2985	-0.5130	0.7154	0.6237	0.3763	
wA[28, 1]	0.0126	0.0117	0.2880	-0.5879	0.6061	0.5207	0.4793	
wA[29, 1]	-0.0374	-0.0336	0.2886	-0.6339	0.5541	0.4434	0.5566	
wA[30, 1]	-0.0090	-0.0079	0.2865	-0.5995	0.5840	0.4863	0.5137	
wA[31, 1]	0.1013	0.0895	0.3000	-0.4989	0.7264	0.6398	0.3602	
wA[32, 1]	0.0761	0.0676	0.2948	-0.5236	0.6918	0.6106	0.3894	
wA[33, 1]	0.0250	0.0223	0.2859	-0.5608	0.6203	0.5389	0.4611	
wA[34, 1]	0.0225	0.0180	0.2950	-0.5806	0.6394	0.5302	0.4698	
wA[35, 1]	0.0667	0.0586	0.2940	-0.5271	0.6850	0.5974	0.4026	
wA[36, 1]	-0.1275	-0.1154	0.3057	-0.7640	0.4816	0.3272	0.6728	*
wA[37, 1]	0.0560	0.0507	0.2932	-0.5440	0.6589	0.5849	0.4151	
wA[38, 1]	0.0156	0.0131	0.2874	-0.5780	0.6122	0.5235	0.4765	
wA[39, 1]	0.0202	0.0174	0.2881	-0.5716	0.6195	0.5307	0.4693	
wA[40, 1]	0.0417	0.0356	0.2877	-0.5406	0.6451	0.5608	0.4392	
wA[41, 1]	0.0016	0.0015	0.2864	-0.5867	0.5989	0.5025	0.4975	
wA[42, 1]	-0.0171	-0.0134	0.2877	-0.6202	0.5703	0.4763	0.5237	
wA[43, 1]	-0.0414	-0.0349	0.2917	-0.6495	0.5529	0.4394	0.5606	
wA[44, 1]	0.0345	0.0303	0.2898	-0.5588	0.6385	0.5523	0.4477	
wA[45, 1]	0.0375	0.0328	0.2900	-0.5598	0.6434	0.5578	0.4422	

wA[46, 1]	0.0537	0.0481	0.2921	-0.5403	0.6595	0.5802	0.4198	
wA[47, 1]	-0.0001	-0.0010	0.3006	-0.6174	0.6247	0.4982	0.5018	
wA[48, 1]	-0.0015	-0.0010	0.2872	-0.5956	0.5872	0.4985	0.5015	
wA[49, 1]	0.0544	0.0484	0.2924	-0.5413	0.6611	0.5812	0.4188	
wA[50, 1]	0.0358	0.0323	0.2894	-0.5558	0.6370	0.5561	0.4439	
wA[1, 2]	-0.0695	-0.0555	0.2288	-0.5538	0.3628	0.3889	0.6111	
wA[2, 2]	0.1203	0.1083	0.2224	-0.3000	0.5882	0.7045	0.2955	*
wA[3, 2]	-0.0812	-0.0704	0.2292	-0.5597	0.3584	0.3658	0.6342	
wA[4, 2]	-0.0452	-0.0390	0.2236	-0.5055	0.3956	0.4225	0.5775	
wA[5, 2]	0.0453	0.0426	0.2161	-0.3864	0.4812	0.5869	0.4131	
wA[6, 2]	-0.1633	-0.1260	0.2960	-0.8466	0.3493	0.2925	0.7075	*
wA[7, 2]	-0.0050	-0.0063	0.2190	-0.4436	0.4413	0.4869	0.5131	
wA[8, 2]	-0.0816	-0.0739	0.2209	-0.5389	0.3495	0.3557	0.6443	
wA[9, 2]	-0.0241	-0.0155	0.2282	-0.5042	0.4126	0.4690	0.5310	
wA[10, 2]	-0.1401	-0.1189	0.2386	-0.6552	0.2876	0.2881	0.7119	*
wA[11, 2]	0.0752	0.0594	0.2295	-0.3518	0.5666	0.6154	0.3846	
wA[12, 2]	0.0073	0.0010	0.2287	-0.4344	0.4864	0.5021	0.4979	
wA[13, 2]	-0.0160	-0.0109	0.2222	-0.4727	0.4208	0.4768	0.5232	
wA[14, 2]	-0.0176	-0.0143	0.2227	-0.4746	0.4237	0.4708	0.5292	
wA[15, 2]	0.0238	0.0263	0.2305	-0.4495	0.4754	0.5500	0.4500	
wA[16, 2]	-0.0257	-0.0190	0.2238	-0.4936	0.4087	0.4629	0.5371	
wA[17, 2]	-0.0494	-0.0370	0.2309	-0.5407	0.3877	0.4270	0.5730	
wA[18, 2]	0.1114	0.0948	0.2237	-0.2987	0.5885	0.6815	0.3185	*
wA[19, 2]	-0.1009	-0.0788	0.2842	-0.7282	0.4314	0.3645	0.6355	
wA[20, 2]	0.1688	0.1431	0.2475	-0.2641	0.7080	0.7464	0.2536	*
wA[21, 2]	-0.0184	-0.0167	0.2202	-0.4631	0.4268	0.4670	0.5330	
wA[22, 2]	0.1367	0.1180	0.2352	-0.2917	0.6454	0.7142	0.2858	*
wA[23, 2]	-0.1725	-0.1526	0.2387	-0.6804	0.2592	0.2361	0.7639	*
wA[24, 2]	-0.1008	-0.0823	0.2339	-0.6076	0.3282	0.3447	0.6553	*
wA[25, 2]	0.0005	0.0008	0.3023	-0.6255	0.6248	0.5014	0.4986	
wA[26, 2]	-0.0720	-0.0538	0.2416	-0.5955	0.3734	0.3982	0.6018	
wA[27, 2]	-0.1334	-0.1055	0.2576	-0.7030	0.3180	0.3161	0.6839	*
wA[28, 2]	-0.0705	-0.0610	0.2221	-0.5324	0.3590	0.3787	0.6213	
wA[29, 2]	0.0082	0.0002	0.2301	-0.4353	0.4918	0.5004	0.4996	
wA[30, 2]	-0.0104	-0.0107	0.2137	-0.4381	0.4242	0.4771	0.5229	
wA[31, 2]	-0.2097	-0.1781	0.2644	-0.7972	0.2378	0.2151	0.7849	*
wA[32, 2]	-0.1341	-0.1105	0.2417	-0.6587	0.3017	0.3007	0.6993	*
wA[33, 2]	-0.0962	-0.0831	0.2202	-0.5582	0.3204	0.3351	0.6649	*
wA[34, 2]	-0.0888	-0.0753	0.2592	-0.6408	0.4117	0.3654	0.6346	
wA[35, 2]	-0.1833	-0.1594	0.2460	-0.7185	0.2489	0.2300	0.7700	*
wA[36, 2]	0.2363	0.2006	0.2733	-0.2144	0.8325	0.8043	0.1957	*
wA[37, 2]	-0.0834	-0.0641	0.2410	-0.6027	0.3567	0.3798	0.6202	
wA[38, 2]	0.0071	0.0080	0.2170	-0.4318	0.4409	0.5164	0.4836	
wA[39, 2]	-0.0038	-0.0011	0.2221	-0.4596	0.4372	0.4978	0.5022	
wA[40, 2]	-0.0576	-0.0452	0.2225	-0.5266	0.3641	0.4103	0.5897	
wA[41, 2]	-0.1254	-0.1159	0.2287	-0.5966	0.3151	0.2903	0.7097	*
wA[42, 2]	-0.0424	-0.0399	0.2239	-0.4902	0.4114	0.4191	0.5809	
wA[43, 2]	-0.0681	-0.0642	0.2327	-0.5357	0.3959	0.3812	0.6188	
wA[44, 2]	-0.0278	-0.0202	0.2268	-0.5005	0.4126	0.4595	0.5405	
wA[45, 2]	-0.0851	-0.0714	0.2291	-0.5744	0.3467	0.3612	0.6388	

wA[46, 2]	-0.0991	-0.0819	0.2318	-0.5993	0.3319	0.3440	0.6560	*
wA[47, 2]	0.0002	-0.0002	0.3017	-0.6255	0.6238	0.4997	0.5003	
wA[48, 2]	-0.0002	0.0002	0.2192	-0.4410	0.4441	0.5005	0.4995	
wA[49, 2]	-0.1179	-0.0947	0.2440	-0.6540	0.3195	0.3260	0.6740	*
wA[50, 2]	-0.0016	0.0045	0.2257	-0.4710	0.4396	0.5086	0.4914	
wA[1, 3]	-0.0601	-0.0516	0.2107	-0.4971	0.3433	0.3960	0.6040	
wA[2, 3]	-0.0885	-0.0770	0.2156	-0.5372	0.3207	0.3456	0.6544	*
wA[3, 3]	0.0504	0.0396	0.2954	-0.5362	0.6781	0.5655	0.4345	
wA[4, 3]	-0.0441	-0.0402	0.2106	-0.4721	0.3701	0.4164	0.5836	
wA[5, 3]	-0.0668	-0.0523	0.2217	-0.5392	0.3458	0.3961	0.6039	
wA[6, 3]	-0.0050	-0.0019	0.2082	-0.4314	0.4079	0.4958	0.5042	
wA[7, 3]	0.0282	0.0230	0.2136	-0.3883	0.4701	0.5470	0.4530	
wA[8, 3]	0.0454	0.0363	0.2163	-0.3690	0.4950	0.5734	0.4266	
wA[9, 3]	-0.1440	-0.1260	0.2276	-0.6279	0.2674	0.2692	0.7308	*
wA[10, 3]	-0.1788	-0.1660	0.2403	-0.6746	0.2721	0.2273	0.7727	*
wA[11, 3]	0.0722	0.0616	0.2172	-0.3426	0.5263	0.6240	0.3760	
wA[12, 3]	0.1231	0.0995	0.2602	-0.3473	0.6783	0.6719	0.3281	*
wA[13, 3]	-0.1271	-0.1149	0.2171	-0.5795	0.2799	0.2812	0.7188	*
wA[14, 3]	-0.0199	-0.0149	0.2142	-0.4616	0.4015	0.4687	0.5313	
wA[15, 3]	-0.1013	-0.0813	0.2358	-0.5992	0.3249	0.3519	0.6481	
wA[16, 3]	-0.1317	-0.1185	0.2223	-0.5939	0.2856	0.2801	0.7199	*
wA[17, 3]	-0.0417	-0.0312	0.2209	-0.5023	0.3834	0.4372	0.5628	
wA[18, 3]	-0.0126	-0.0128	0.2084	-0.4314	0.4089	0.4726	0.5274	
wA[19, 3]	0.0197	0.0176	0.2142	-0.4075	0.4554	0.5351	0.4649	
wA[20, 3]	0.0325	0.0278	0.2105	-0.3822	0.4625	0.5584	0.4416	
wA[21, 3]	-0.0197	-0.0200	0.2051	-0.4264	0.3950	0.4573	0.5427	
wA[22, 3]	-0.0703	-0.0650	0.2072	-0.4978	0.3316	0.3684	0.6316	
wA[23, 3]	-0.0299	-0.0324	0.2320	-0.4811	0.4479	0.4399	0.5601	
wA[24, 3]	-0.1187	-0.1054	0.2271	-0.5930	0.3099	0.3025	0.6975	*
wA[25, 3]	0.0003	0.0008	0.3012	-0.6208	0.6277	0.5012	0.4988	
wA[26, 3]	-0.2000	-0.1777	0.2451	-0.7243	0.2287	0.2100	0.7900	*
wA[27, 3]	-0.1665	-0.1437	0.2419	-0.6895	0.2647	0.2528	0.7472	*
wA[28, 3]	-0.1323	-0.1266	0.2342	-0.6012	0.3258	0.2851	0.7149	*
wA[29, 3]	0.1025	0.0779	0.2558	-0.3547	0.6640	0.6382	0.3618	
wA[30, 3]	0.0353	0.0269	0.2117	-0.3738	0.4756	0.5571	0.4429	
wA[31, 3]	0.0151	0.0158	0.2385	-0.4700	0.4953	0.5302	0.4698	
wA[32, 3]	-0.0076	-0.0036	0.2153	-0.4450	0.4152	0.4924	0.5076	
wA[33, 3]	-0.0995	-0.0927	0.2168	-0.5355	0.3258	0.3227	0.6773	*
wA[34, 3]	-0.0205	-0.0241	0.2312	-0.4691	0.4574	0.4547	0.5453	
wA[35, 3]	0.0092	0.0075	0.2087	-0.4040	0.4326	0.5156	0.4844	
wA[36, 3]	0.0492	0.0394	0.2180	-0.3667	0.4995	0.5790	0.4210	
wA[37, 3]	-0.1885	-0.1695	0.2426	-0.7035	0.2495	0.2169	0.7831	*
wA[38, 3]	-0.1191	-0.1052	0.2194	-0.5848	0.2899	0.2985	0.7015	*
wA[39, 3]	-0.0846	-0.0746	0.2170	-0.5371	0.3283	0.3498	0.6502	*
wA[40, 3]	-0.1701	-0.1583	0.2247	-0.6354	0.2468	0.2267	0.7733	*
wA[41, 3]	0.1870	0.1622	0.2452	-0.2392	0.7114	0.7699	0.2301	*
wA[42, 3]	0.1527	0.1343	0.2398	-0.2865	0.6609	0.7363	0.2637	*
wA[43, 3]	0.0547	0.0389	0.2826	-0.4728	0.6454	0.5613	0.4387	
wA[44, 3]	-0.1522	-0.1352	0.2324	-0.6434	0.2712	0.2607	0.7393	*
wA[45, 3]	-0.1610	-0.1509	0.2329	-0.6355	0.2808	0.2441	0.7559	*

wA[46, 3]	-0.1159	-0.1053	0.2276	-0.5877	0.3220	0.3039	0.6961	*
wA[47, 3]	0.0010	0.0014	0.3015	-0.6257	0.6232	0.5022	0.4978	
wA[48, 3]	-0.0426	-0.0403	0.2162	-0.4801	0.3940	0.4173	0.5827	
wA[49, 3]	-0.1246	-0.1099	0.2257	-0.5997	0.2942	0.2954	0.7046	*
wA[50, 3]	-0.0798	-0.0642	0.2274	-0.5591	0.3415	0.3786	0.6214	
wA[1, 4]	-0.0730	-0.0624	0.2123	-0.5115	0.3318	0.3738	0.6262	
wA[2, 4]	0.0139	0.0153	0.2093	-0.4079	0.4282	0.5317	0.4683	
wA[3, 4]	0.0463	0.0386	0.2907	-0.5401	0.6585	0.5652	0.4348	
wA[4, 4]	0.1953	0.1777	0.2408	-0.2383	0.6998	0.7899	0.2101	*
wA[5, 4]	-0.0951	-0.0784	0.2242	-0.5747	0.3148	0.3495	0.6505	*
wA[6, 4]	-0.0172	-0.0110	0.2141	-0.4616	0.3963	0.4770	0.5230	
wA[7, 4]	0.0227	0.0184	0.2102	-0.3887	0.4555	0.5387	0.4613	
wA[8, 4]	0.1136	0.0994	0.2190	-0.2947	0.5689	0.6906	0.3094	*
wA[9, 4]	-0.0325	-0.0308	0.2080	-0.4501	0.3841	0.4364	0.5636	
wA[10, 4]	0.2563	0.2289	0.2604	-0.1835	0.8115	0.8415	0.1585	*
wA[11, 4]	0.0717	0.0623	0.2095	-0.3272	0.5072	0.6272	0.3728	
wA[12, 4]	0.1478	0.1262	0.2353	-0.2677	0.6505	0.7221	0.2779	*
wA[13, 4]	0.1144	0.1018	0.2264	-0.3106	0.5815	0.6887	0.3113	*
wA[14, 4]	-0.0156	-0.0126	0.2089	-0.4398	0.3983	0.4727	0.5273	
wA[15, 4]	-0.2410	-0.2171	0.2533	-0.7755	0.1968	0.1706	0.8294	*
wA[16, 4]	0.1984	0.1860	0.2314	-0.2276	0.6744	0.8042	0.1958	*
wA[17, 4]	-0.0528	-0.0403	0.2279	-0.5310	0.3735	0.4248	0.5752	
wA[18, 4]	0.1214	0.1097	0.2175	-0.2909	0.5719	0.7104	0.2896	*
wA[19, 4]	0.0478	0.0448	0.2062	-0.3652	0.4635	0.5940	0.4060	
wA[20, 4]	-0.0460	-0.0429	0.2121	-0.4757	0.3758	0.4126	0.5874	
wA[21, 4]	0.1114	0.1019	0.2135	-0.2941	0.5521	0.6968	0.3032	*
wA[22, 4]	0.0606	0.0530	0.2091	-0.3435	0.4919	0.6085	0.3915	
wA[23, 4]	0.2618	0.2273	0.2726	-0.1864	0.8550	0.8368	0.1632	*
wA[24, 4]	0.0431	0.0329	0.2168	-0.3699	0.4958	0.5666	0.4334	
wA[25, 4]	0.0017	0.0013	0.3024	-0.6162	0.6278	0.5022	0.4978	
wA[26, 4]	-0.0048	-0.0055	0.2082	-0.4204	0.4171	0.4879	0.5121	
wA[27, 4]	-0.0542	-0.0483	0.2082	-0.4829	0.3540	0.3986	0.6014	
wA[28, 4]	0.2934	0.2467	0.3012	-0.1852	0.9383	0.8359	0.1641	*
wA[29, 4]	0.2290	0.2008	0.2571	-0.2060	0.7831	0.8117	0.1883	*
wA[30, 4]	0.1066	0.0947	0.2156	-0.3002	0.5561	0.6859	0.3141	*
wA[31, 4]	-0.0069	0.0010	0.2281	-0.4842	0.4282	0.5021	0.4979	
wA[32, 4]	-0.0630	-0.0461	0.2840	-0.6758	0.4793	0.4208	0.5792	
wA[33, 4]	0.0535	0.0374	0.2595	-0.4258	0.5899	0.5613	0.4387	
wA[34, 4]	0.1604	0.1285	0.2625	-0.2900	0.7318	0.7115	0.2885	*
wA[35, 4]	0.0636	0.0574	0.2125	-0.3529	0.4958	0.6174	0.3826	
wA[36, 4]	0.2212	0.1982	0.2549	-0.2259	0.7597	0.8029	0.1971	*
wA[37, 4]	0.0376	0.0304	0.2168	-0.3824	0.4857	0.5627	0.4373	
wA[38, 4]	0.0964	0.0873	0.2186	-0.3262	0.5474	0.6695	0.3305	*
wA[39, 4]	0.0391	0.0362	0.2049	-0.3690	0.4534	0.5769	0.4231	
wA[40, 4]	0.0408	0.0318	0.2134	-0.3722	0.4829	0.5653	0.4347	
wA[41, 4]	0.1266	0.1142	0.2186	-0.2854	0.5790	0.7149	0.2851	*
wA[42, 4]	0.0454	0.0404	0.2259	-0.4064	0.5082	0.5798	0.4202	
wA[43, 4]	0.3237	0.2603	0.3650	-0.2468	1.1057	0.8032	0.1968	*
wA[44, 4]	0.0506	0.0438	0.2087	-0.3541	0.4832	0.5904	0.4096	
wA[45, 4]	0.2442	0.2122	0.2687	-0.2060	0.8216	0.8174	0.1826	*

wA[46, 4]	0.1931	0.1768	0.2299	-0.2208	0.6735	0.7979	0.2021	*
wA[47, 4]	-0.0015	-0.0016	0.2993	-0.6231	0.6121	0.4974	0.5026	
wA[48, 4]	0.0760	0.0648	0.2137	-0.3294	0.5227	0.6299	0.3701	
wA[49, 4]	-0.1068	-0.1016	0.2246	-0.5576	0.3403	0.3131	0.6869	*
wA[50, 4]	-0.1749	-0.1569	0.2342	-0.6687	0.2446	0.2326	0.7674	*
wA[1, 5]	-0.1619	-0.1520	0.2224	-0.6206	0.2571	0.2337	0.7663	*
wA[2, 5]	-0.1590	-0.1428	0.2246	-0.6330	0.2514	0.2420	0.7580	*
wA[3, 5]	-0.0791	-0.0587	0.2959	-0.7354	0.4811	0.4026	0.5974	
wA[4, 5]	-0.0860	-0.0670	0.2851	-0.7066	0.4544	0.3873	0.6127	
wA[5, 5]	-0.0468	-0.0350	0.2300	-0.5347	0.3885	0.4313	0.5687	
wA[6, 5]	-0.2794	-0.2657	0.2494	-0.7893	0.1647	0.1282	0.8718	*
wA[7, 5]	0.0829	0.0735	0.2129	-0.3256	0.5240	0.6468	0.3532	
wA[8, 5]	0.1831	0.1729	0.2309	-0.2530	0.6557	0.7861	0.2139	*
wA[9, 5]	0.1574	0.1453	0.2239	-0.2617	0.6206	0.7590	0.2410	*
wA[10, 5]	-0.0246	-0.0217	0.2166	-0.4631	0.4065	0.4558	0.5442	
wA[11, 5]	0.1201	0.1099	0.2166	-0.2931	0.5656	0.7092	0.2908	*
wA[12, 5]	0.1762	0.1585	0.2313	-0.2393	0.6705	0.7752	0.2248	*
wA[13, 5]	-0.0006	-0.0017	0.3036	-0.6269	0.6218	0.4969	0.5031	
wA[14, 5]	-0.2173	-0.2080	0.2337	-0.6938	0.2141	0.1764	0.8236	*
wA[15, 5]	0.1022	0.0959	0.2178	-0.3202	0.5475	0.6812	0.3188	*
wA[16, 5]	-0.1329	-0.1051	0.2513	-0.6879	0.3077	0.3124	0.6876	*
wA[17, 5]	-0.1457	-0.1175	0.2533	-0.6917	0.2927	0.3023	0.6977	*
wA[18, 5]	0.0169	0.0223	0.2321	-0.4698	0.4656	0.5433	0.4567	
wA[19, 5]	0.0321	0.0348	0.2261	-0.4301	0.4693	0.5649	0.4351	
wA[20, 5]	0.1825	0.1680	0.2304	-0.2391	0.6619	0.7857	0.2143	*
wA[21, 5]	0.0922	0.0910	0.2295	-0.3718	0.5434	0.6645	0.3355	*
wA[22, 5]	0.1157	0.1088	0.2160	-0.3040	0.5555	0.7062	0.2938	*
wA[23, 5]	0.1503	0.1394	0.2339	-0.2957	0.6340	0.7407	0.2593	*
wA[24, 5]	0.2907	0.2794	0.2624	-0.1888	0.8261	0.8688	0.1312	*
wA[25, 5]	0.0017	0.0014	0.3031	-0.6204	0.6285	0.5021	0.4979	
wA[26, 5]	0.2862	0.2827	0.2626	-0.2150	0.8041	0.8639	0.1361	*
wA[27, 5]	0.1918	0.1826	0.2396	-0.2626	0.6796	0.7904	0.2096	*
wA[28, 5]	0.2756	0.2545	0.2624	-0.1772	0.8190	0.8555	0.1445	*
wA[29, 5]	0.1782	0.1657	0.2259	-0.2402	0.6455	0.7835	0.2165	*
wA[30, 5]	0.1378	0.1310	0.2257	-0.2958	0.5935	0.7309	0.2691	*
wA[31, 5]	-0.2477	-0.2153	0.2648	-0.8243	0.1931	0.1708	0.8292	*
wA[32, 5]	0.0480	0.0542	0.2396	-0.4568	0.5069	0.5977	0.4023	
wA[33, 5]	0.5053	0.4521	0.3773	-0.0717	1.2965	0.9389	0.0611	*
wA[34, 5]	0.2363	0.2056	0.2599	-0.2000	0.7897	0.8176	0.1824	*
wA[35, 5]	0.0944	0.0913	0.2338	-0.3733	0.5572	0.6611	0.3389	*
wA[36, 5]	-0.0002	0.0003	0.3013	-0.6196	0.6199	0.5004	0.4996	
wA[37, 5]	-0.0104	-0.0122	0.2126	-0.4324	0.4228	0.4749	0.5251	
wA[38, 5]	-0.0098	0.0016	0.2969	-0.6469	0.5681	0.5025	0.4975	
wA[39, 5]	-0.1104	-0.0998	0.2153	-0.5585	0.2990	0.3060	0.6940	*
wA[40, 5]	0.1826	0.1640	0.2367	-0.2457	0.6824	0.7785	0.2215	*
wA[41, 5]	0.1327	0.1276	0.2303	-0.3190	0.5914	0.7194	0.2806	*
wA[42, 5]	0.0907	0.0860	0.2176	-0.3409	0.5288	0.6643	0.3357	*
wA[43, 5]	0.4483	0.3909	0.3617	-0.0971	1.2244	0.9198	0.0802	*
wA[44, 5]	0.0527	0.0457	0.2231	-0.3822	0.5107	0.5885	0.4115	
wA[45, 5]	0.3197	0.3166	0.2769	-0.1950	0.8650	0.8733	0.1267	*

wA[46, 5]	-0.0039	0.0024	0.2187	-0.4567	0.4199	0.5045	0.4955	
wA[47, 5]	-0.0010	-0.0009	0.3008	-0.6171	0.6181	0.4983	0.5017	
wA[48, 5]	0.1879	0.1759	0.2318	-0.2441	0.6621	0.7943	0.2057	*
wA[49, 5]	0.3831	0.3533	0.3057	-0.1211	1.0237	0.9089	0.0911	*
wA[50, 5]	0.0468	0.0419	0.2086	-0.3629	0.4697	0.5882	0.4118	
wA[1, 6]	0.2900	0.2659	0.2627	-0.1539	0.8450	0.8712	0.1288	*
wA[2, 6]	0.1147	0.1028	0.2147	-0.2916	0.5623	0.6997	0.3003	*
wA[3, 6]	-0.0287	-0.0217	0.2880	-0.6285	0.5525	0.4626	0.5374	
wA[4, 6]	-0.0865	-0.0754	0.2307	-0.5714	0.3572	0.3557	0.6443	
wA[5, 6]	-0.1315	-0.1086	0.2417	-0.6564	0.2987	0.3044	0.6956	*
wA[6, 6]	0.2463	0.2207	0.2523	-0.1832	0.7826	0.8377	0.1623	*
wA[7, 6]	-0.0527	-0.0457	0.2131	-0.4901	0.3626	0.4055	0.5945	
wA[8, 6]	-0.3532	-0.3295	0.2885	-0.9590	0.1370	0.0999	0.9001	*
wA[9, 6]	-0.1771	-0.1572	0.2331	-0.6696	0.2384	0.2269	0.7731	*
wA[10, 6]	0.0008	0.0007	0.3025	-0.6199	0.6277	0.5011	0.4989	
wA[11, 6]	-0.1459	-0.1321	0.2213	-0.6071	0.2623	0.2592	0.7408	*
wA[12, 6]	-0.0719	-0.0660	0.2134	-0.5085	0.3479	0.3672	0.6328	
wA[13, 6]	0.0014	0.0003	0.3024	-0.6175	0.6277	0.5005	0.4995	
wA[14, 6]	0.1545	0.1223	0.2783	-0.3231	0.7508	0.6860	0.3140	*
wA[15, 6]	-0.3289	-0.3160	0.2651	-0.8685	0.1400	0.1025	0.8975	*
wA[16, 6]	-0.2676	-0.2505	0.2581	-0.7981	0.1942	0.1480	0.8520	*
wA[17, 6]	-0.3858	-0.3695	0.2988	-0.9906	0.1352	0.0927	0.9073	*
wA[18, 6]	-0.2690	-0.2407	0.2769	-0.8549	0.1996	0.1652	0.8348	*
wA[19, 6]	-0.3591	-0.3226	0.3089	-1.0119	0.1401	0.1107	0.8893	*
wA[20, 6]	-0.2449	-0.2269	0.2462	-0.7600	0.1907	0.1577	0.8423	*
wA[21, 6]	-0.4185	-0.3817	0.3163	-1.0812	0.0912	0.0730	0.9270	*
wA[22, 6]	-0.2075	-0.1818	0.2453	-0.7383	0.2165	0.1997	0.8003	*
wA[23, 6]	-0.1797	-0.1501	0.2576	-0.7457	0.2643	0.2525	0.7475	*
wA[24, 6]	-0.4510	-0.4258	0.3126	-1.0956	0.0728	0.0579	0.9421	*
wA[25, 6]	0.0017	0.0029	0.3005	-0.6206	0.6222	0.5048	0.4952	
wA[26, 6]	-0.5016	-0.4509	0.3669	-1.2960	0.0576	0.0535	0.9465	*
wA[27, 6]	-0.3302	-0.2952	0.3022	-0.9838	0.1623	0.1278	0.8722	*
wA[28, 6]	-0.1695	-0.1519	0.2385	-0.6718	0.2658	0.2394	0.7606	*
wA[29, 6]	-0.1788	-0.1525	0.2496	-0.7224	0.2563	0.2451	0.7549	*
wA[30, 6]	-0.4151	-0.3847	0.3236	-1.1024	0.1217	0.0855	0.9145	*
wA[31, 6]	-0.1218	-0.1138	0.2228	-0.5768	0.3098	0.2911	0.7089	*
wA[32, 6]	-0.5407	-0.5226	0.3524	-1.2409	0.0634	0.0498	0.9502	*
wA[33, 6]	-0.0186	-0.0163	0.2175	-0.4575	0.4176	0.4660	0.5340	
wA[34, 6]	0.0125	0.0054	0.2159	-0.4000	0.4639	0.5105	0.4895	
wA[35, 6]	-0.3914	-0.3522	0.3145	-1.0652	0.1080	0.0875	0.9125	*
wA[36, 6]	0.0005	0.0007	0.3014	-0.6238	0.6187	0.5012	0.4988	
wA[37, 6]	-0.0633	-0.0665	0.2378	-0.5170	0.4244	0.3847	0.6153	
wA[38, 6]	-0.2017	-0.1704	0.2695	-0.8002	0.2595	0.2315	0.7685	*
wA[39, 6]	0.1308	0.1184	0.2176	-0.2778	0.5886	0.7240	0.2760	*
wA[40, 6]	-0.1703	-0.1615	0.2202	-0.6203	0.2465	0.2178	0.7822	*
wA[41, 6]	-0.4460	-0.3976	0.3463	-1.1829	0.0882	0.0728	0.9272	*
wA[42, 6]	-0.3105	-0.2811	0.2787	-0.8985	0.1530	0.1243	0.8757	*
wA[43, 6]	0.0918	0.0797	0.2244	-0.3289	0.5587	0.6511	0.3489	*
wA[44, 6]	-0.0007	0.0004	0.3031	-0.6253	0.6216	0.5005	0.4995	
wA[45, 6]	-0.5208	-0.4669	0.3800	-1.3358	0.0594	0.0527	0.9473	*

wA[46, 6]	-0.2577	-0.2359	0.2524	-0.7824	0.1804	0.1514	0.8486	*
wA[47, 6]	-0.0016	-0.0011	0.3027	-0.6308	0.6206	0.4980	0.5020	
wA[48, 6]	-0.3420	-0.3213	0.2763	-0.9125	0.1356	0.0994	0.9006	*
wA[49, 6]	-0.2657	-0.2476	0.2493	-0.7928	0.1727	0.1365	0.8635	*
wA[50, 6]	-0.1359	-0.1237	0.2193	-0.5908	0.2781	0.2669	0.7331	*
wA[1, 7]	-0.1196	-0.1083	0.2267	-0.5901	0.3087	0.3025	0.6975	*
wA[2, 7]	-0.0975	-0.0880	0.2246	-0.5604	0.3302	0.3360	0.6640	*
wA[3, 7]	-0.0440	-0.0353	0.2567	-0.5797	0.4612	0.4369	0.5631	
wA[4, 7]	0.0986	0.0860	0.2269	-0.3337	0.5701	0.6632	0.3368	*
wA[5, 7]	-0.0754	-0.0646	0.2239	-0.5394	0.3549	0.3745	0.6255	
wA[6, 7]	-0.0184	-0.0162	0.2186	-0.4584	0.4184	0.4679	0.5321	
wA[7, 7]	-0.0102	-0.0094	0.2190	-0.4502	0.4276	0.4811	0.5189	
wA[8, 7]	0.2351	0.2052	0.2720	-0.2280	0.8281	0.8071	0.1929	*
wA[9, 7]	0.0161	0.0136	0.2194	-0.4222	0.4579	0.5277	0.4723	
wA[10, 7]	0.0003	-0.0012	0.3010	-0.6202	0.6213	0.4979	0.5021	
wA[11, 7]	0.0482	0.0426	0.2163	-0.3743	0.4859	0.5862	0.4138	
wA[12, 7]	0.1167	0.1020	0.2299	-0.3125	0.5951	0.6878	0.3122	*
wA[13, 7]	0.0007	0.0004	0.3010	-0.6188	0.6224	0.5006	0.4994	
wA[14, 7]	0.3922	0.3531	0.3227	-0.1280	1.0661	0.9020	0.0980	*
wA[15, 7]	0.3062	0.2739	0.2872	-0.1690	0.9166	0.8633	0.1367	*
wA[16, 7]	0.2212	0.1979	0.2581	-0.2309	0.7650	0.8009	0.1991	*
wA[17, 7]	0.3319	0.2987	0.2976	-0.1570	0.9646	0.8770	0.1230	*
wA[18, 7]	-0.0001	0.0003	0.2999	-0.6191	0.6213	0.5004	0.4996	
wA[19, 7]	0.0331	0.0248	0.2897	-0.5481	0.6427	0.5431	0.4569	
wA[20, 7]	0.1996	0.1759	0.2586	-0.2576	0.7542	0.7765	0.2235	*
wA[21, 7]	0.1066	0.0955	0.2271	-0.3259	0.5766	0.6769	0.3231	*
wA[22, 7]	-0.0014	-0.0009	0.2203	-0.4448	0.4402	0.4983	0.5017	
wA[23, 7]	-0.1357	-0.1187	0.2392	-0.6405	0.3050	0.2928	0.7072	*
wA[24, 7]	0.2904	0.2570	0.2888	-0.1849	0.9202	0.8492	0.1508	*
wA[25, 7]	-0.0005	0.0003	0.3026	-0.6296	0.6205	0.5005	0.4995	
wA[26, 7]	0.0492	0.0419	0.2254	-0.3919	0.5137	0.5824	0.4176	
wA[27, 7]	-0.0013	-0.0012	0.3010	-0.6210	0.6171	0.4980	0.5020	
wA[28, 7]	0.1079	0.0937	0.2331	-0.3274	0.6007	0.6719	0.3281	*
wA[29, 7]	-0.0399	-0.0311	0.2334	-0.5251	0.4135	0.4400	0.5600	
wA[30, 7]	0.2739	0.2425	0.2814	-0.1982	0.8795	0.8395	0.1605	*
wA[31, 7]	0.1957	0.1742	0.2485	-0.2443	0.7222	0.7787	0.2213	*
wA[32, 7]	0.4237	0.3814	0.3365	-0.1107	1.1357	0.9147	0.0853	*
wA[33, 7]	0.0002	0.0009	0.3029	-0.6230	0.6237	0.5018	0.4982	
wA[34, 7]	0.2090	0.1874	0.2496	-0.2309	0.7388	0.7959	0.2041	*
wA[35, 7]	0.0714	0.0628	0.2275	-0.3682	0.5442	0.6197	0.3803	
wA[36, 7]	-0.0004	-0.0004	0.3014	-0.6230	0.6181	0.4994	0.5006	
wA[37, 7]	0.4539	0.4094	0.3496	-0.0949	1.1707	0.9257	0.0743	*
wA[38, 7]	-0.0467	-0.0360	0.2737	-0.6227	0.4955	0.4370	0.5630	
wA[39, 7]	-0.0992	-0.0872	0.2278	-0.5703	0.3334	0.3378	0.6622	*
wA[40, 7]	0.2461	0.2215	0.2640	-0.2099	0.7983	0.8229	0.1771	*
wA[41, 7]	0.0326	0.0295	0.2211	-0.4024	0.4797	0.5591	0.4409	
wA[42, 7]	0.0581	0.0502	0.2220	-0.3730	0.5192	0.5998	0.4002	
wA[43, 7]	0.0640	0.0494	0.2845	-0.4832	0.6790	0.5834	0.4166	
wA[44, 7]	0.0009	-0.0004	0.3030	-0.6206	0.6311	0.4996	0.5004	
wA[45, 7]	0.0621	0.0545	0.2292	-0.3858	0.5341	0.6064	0.3936	

wA[46, 7]	0.0893	0.0778	0.2304	-0.3510	0.5673	0.6486	0.3514	
wA[47, 7]	0.0004	0.0003	0.3003	-0.6143	0.6202	0.5006	0.4994	
wA[48, 7]	0.2633	0.2335	0.2759	-0.2046	0.8586	0.8319	0.1681	*
wA[49, 7]	0.2156	0.1904	0.2593	-0.2357	0.7721	0.7940	0.2060	*
wA[50, 7]	0.1327	0.1171	0.2366	-0.3068	0.6295	0.7056	0.2944	*
sigma.wD	0.5561	0.5106	0.2777	0.1694	1.2257	1.0000	0.0000	*
wD[1, 1]	-0.0003	0.0018	0.6245	-1.3218	1.3153	0.5017	0.4983	
wD[2, 1]	-0.0048	-0.0063	0.6150	-1.3057	1.2852	0.4934	0.5066	
wD[3, 1]	-0.0049	-0.0013	0.6222	-1.3230	1.2947	0.4984	0.5016	
wD[4, 1]	-0.0049	-0.0040	0.6215	-1.3238	1.3024	0.4969	0.5031	
wD[5, 1]	-0.0072	-0.0069	0.6261	-1.3337	1.3147	0.4941	0.5059	
wD[6, 1]	-0.0073	-0.0066	0.6212	-1.3324	1.2794	0.4932	0.5068	
wD[7, 1]	-0.0006	-0.0013	0.6230	-1.3008	1.3105	0.4982	0.5018	
wD[8, 1]	-0.0017	-0.0008	0.6246	-1.3286	1.3033	0.4991	0.5009	
wD[9, 1]	0.0061	0.0050	0.6223	-1.2867	1.3192	0.5049	0.4951	
wD[10, 1]	-0.0090	-0.0032	0.6211	-1.3360	1.2830	0.4958	0.5042	
wD[11, 1]	-0.0033	-0.0005	0.6260	-1.3128	1.3126	0.4994	0.5006	
wD[12, 1]	-0.0054	0.0025	0.6240	-1.3613	1.2918	0.5022	0.4978	
wD[13, 1]	0.0006	-0.0002	0.6153	-1.3163	1.2861	0.4998	0.5002	
wD[14, 1]	-0.0033	-0.0002	0.6246	-1.3403	1.3024	0.5000	0.5000	
wD[15, 1]	0.0010	0.0022	0.6209	-1.3018	1.3163	0.5027	0.4973	
wD[16, 1]	-0.0043	-0.0012	0.6154	-1.2927	1.2938	0.4988	0.5012	
wD[17, 1]	0.0013	0.0011	0.6214	-1.3003	1.3099	0.5009	0.4991	
wD[18, 1]	0.0056	0.0045	0.6185	-1.2871	1.3123	0.5043	0.4957	
wD[19, 1]	-0.0003	0.0000	0.6163	-1.2991	1.2914	0.5000	0.5000	
wD[20, 1]	0.0019	0.0015	0.6273	-1.3188	1.3024	0.5016	0.4984	
wD[21, 1]	0.0019	0.0016	0.6229	-1.3178	1.3147	0.5014	0.4986	
wD[22, 1]	0.0015	0.0014	0.6196	-1.2987	1.3277	0.5015	0.4985	
wD[23, 1]	0.0023	0.0048	0.6277	-1.3147	1.3219	0.5047	0.4953	
wD[24, 1]	0.0006	0.0014	0.6231	-1.3141	1.3087	0.5011	0.4989	
wD[25, 1]	0.0017	0.0025	0.6198	-1.3123	1.3071	0.5026	0.4974	
wD[26, 1]	0.0018	0.0014	0.6125	-1.2830	1.2880	0.5017	0.4983	
wD[27, 1]	-0.0020	-0.0044	0.6185	-1.2783	1.3048	0.4951	0.5049	
wD[28, 1]	-0.0054	-0.0086	0.6205	-1.3259	1.2954	0.4928	0.5072	
wD[29, 1]	0.0053	0.0025	0.6217	-1.3019	1.3196	0.5026	0.4974	
wD[30, 1]	0.0022	-0.0028	0.6192	-1.3125	1.3055	0.4970	0.5030	
wD[31, 1]	0.0123	0.0049	0.6212	-1.2660	1.3300	0.5050	0.4950	
wD[32, 1]	0.0044	0.0035	0.6183	-1.2916	1.3208	0.5034	0.4966	
wD[33, 1]	-0.0016	-0.0023	0.6191	-1.3034	1.3111	0.4977	0.5023	
wD[34, 1]	0.0097	0.0115	0.6222	-1.3128	1.3246	0.5103	0.4897	
wD[35, 1]	0.0091	0.0020	0.6192	-1.2819	1.3202	0.5015	0.4985	
wD[36, 1]	0.0042	0.0050	0.6243	-1.3132	1.3345	0.5044	0.4956	
wD[37, 1]	0.0020	0.0010	0.6165	-1.3134	1.3136	0.5005	0.4995	
wD[38, 1]	0.0063	0.0043	0.6184	-1.2807	1.3174	0.5038	0.4962	
wD[39, 1]	0.0049	0.0029	0.6212	-1.2901	1.2976	0.5030	0.4970	
wD[40, 1]	0.0078	0.0018	0.6174	-1.2953	1.3151	0.5018	0.4982	
wD[41, 1]	0.0021	0.0021	0.6125	-1.2875	1.2992	0.5016	0.4984	
wD[42, 1]	-0.0019	0.0031	0.6207	-1.3326	1.2925	0.5029	0.4971	
wD[43, 1]	0.0079	0.0024	0.6218	-1.2954	1.3221	0.5027	0.4973	
wD[44, 1]	0.0003	0.0000	0.6173	-1.3034	1.3050	0.5001	0.4999	

wD[45, 1]	0.0058	0.0045	0.6170	-1.2924	1.3052	0.5043	0.4957
wD[46, 1]	-0.0016	-0.0020	0.6125	-1.2989	1.2922	0.4981	0.5019
wD[47, 1]	0.0011	0.0002	0.6250	-1.3195	1.3241	0.5001	0.4999
wD[48, 1]	-0.0031	-0.0008	0.6156	-1.2962	1.2780	0.4996	0.5004
wD[49, 1]	0.0080	0.0105	0.6195	-1.3001	1.3158	0.5101	0.4899
wD[50, 1]	0.0010	-0.0004	0.6196	-1.2968	1.3123	0.4995	0.5005
wD[1, 2]	0.0030	0.0067	0.6259	-1.3071	1.3088	0.5062	0.4938
wD[2, 2]	0.0147	0.0133	0.6198	-1.2808	1.3280	0.5141	0.4859
wD[3, 2]	-0.0137	-0.0089	0.6325	-1.3689	1.3126	0.4928	0.5072
wD[4, 2]	0.0084	-0.0051	0.6133	-1.2615	1.3440	0.4956	0.5044
wD[5, 2]	0.0083	0.0038	0.6289	-1.3024	1.3494	0.5037	0.4963
wD[6, 2]	0.0094	0.0081	0.6138	-1.2636	1.3096	0.5070	0.4930
wD[7, 2]	0.0090	0.0054	0.6251	-1.2888	1.3392	0.5055	0.4945
wD[8, 2]	-0.0013	0.0016	0.6218	-1.3038	1.3053	0.5013	0.4987
wD[9, 2]	0.0072	0.0084	0.6143	-1.2761	1.3001	0.5080	0.4920
wD[10, 2]	0.0155	0.0074	0.6217	-1.2857	1.3421	0.5071	0.4929
wD[11, 2]	0.0045	-0.0019	0.6178	-1.2841	1.3311	0.4971	0.5029
wD[12, 2]	-0.0045	0.0017	0.6215	-1.3040	1.2935	0.5013	0.4987
wD[13, 2]	0.0071	0.0020	0.6156	-1.2740	1.3086	0.5019	0.4981
wD[14, 2]	0.0026	0.0001	0.6180	-1.2922	1.3176	0.5002	0.4998
wD[15, 2]	-0.0075	-0.0084	0.6164	-1.3038	1.2838	0.4920	0.5080
wD[16, 2]	0.0109	0.0032	0.6193	-1.2692	1.3243	0.5028	0.4972
wD[17, 2]	0.0016	-0.0013	0.6177	-1.2992	1.3052	0.4988	0.5012
wD[18, 2]	0.0174	0.0052	0.6142	-1.2602	1.3190	0.5051	0.4949
wD[19, 2]	0.0178	0.0108	0.6075	-1.2398	1.3220	0.5101	0.4899
wD[20, 2]	0.0094	0.0080	0.6197	-1.2874	1.3238	0.5087	0.4913
wD[21, 2]	0.0094	0.0051	0.6190	-1.2753	1.3175	0.5052	0.4948
wD[22, 2]	0.0027	-0.0023	0.6197	-1.2955	1.3258	0.4976	0.5024
wD[23, 2]	0.0013	0.0036	0.6173	-1.2901	1.3114	0.5033	0.4967
wD[24, 2]	0.0120	0.0097	0.6141	-1.2629	1.3270	0.5084	0.4916
wD[25, 2]	0.0001	0.0003	0.6178	-1.2951	1.3037	0.5002	0.4998
wD[26, 2]	0.0054	0.0013	0.6205	-1.2964	1.3183	0.5011	0.4989
wD[27, 2]	0.0137	0.0080	0.6193	-1.2634	1.3288	0.5072	0.4928
wD[28, 2]	0.0025	-0.0036	0.6142	-1.2967	1.2955	0.4971	0.5029
wD[29, 2]	0.0139	0.0083	0.6235	-1.2877	1.3347	0.5081	0.4919
wD[30, 2]	0.0107	0.0079	0.6087	-1.2769	1.2975	0.5086	0.4914
wD[31, 2]	0.0050	0.0023	0.6182	-1.2893	1.3262	0.5023	0.4977
wD[32, 2]	0.0070	0.0049	0.6193	-1.2916	1.3153	0.5057	0.4943
wD[33, 2]	0.0130	0.0089	0.6137	-1.2551	1.3380	0.5088	0.4912
wD[34, 2]	0.0089	0.0046	0.6192	-1.2864	1.3301	0.5045	0.4955
wD[35, 2]	0.0019	0.0005	0.6166	-1.2874	1.3072	0.5002	0.4998
wD[36, 2]	0.0084	0.0025	0.6192	-1.2835	1.3358	0.5028	0.4972
wD[37, 2]	-0.0022	-0.0033	0.6219	-1.3004	1.3132	0.4974	0.5026
wD[38, 2]	0.0126	0.0077	0.6220	-1.2841	1.3352	0.5072	0.4928
wD[39, 2]	0.0065	0.0018	0.6204	-1.2896	1.3146	0.5017	0.4983
wD[40, 2]	0.0175	0.0108	0.6224	-1.2844	1.3533	0.5099	0.4901
wD[41, 2]	0.0033	0.0000	0.6167	-1.2985	1.3072	0.5000	0.5000
wD[42, 2]	0.0015	-0.0021	0.6193	-1.2912	1.3021	0.4979	0.5021
wD[43, 2]	0.0040	0.0071	0.6213	-1.3045	1.3125	0.5061	0.4939
wD[44, 2]	0.0131	0.0089	0.6195	-1.2815	1.3488	0.5083	0.4917

wD[45, 2]	0.0132	0.0044	0.6221	-1.2677	1.3384	0.5044	0.4956
wD[46, 2]	0.0091	0.0062	0.6116	-1.2709	1.2995	0.5058	0.4942
wD[47, 2]	-0.0027	-0.0035	0.6188	-1.2980	1.3123	0.4968	0.5032
wD[48, 2]	0.0168	0.0061	0.6220	-1.2704	1.3364	0.5056	0.4944
wD[49, 2]	0.0135	0.0011	0.6156	-1.2625	1.3374	0.5009	0.4991
wD[50, 2]	0.0201	0.0110	0.6139	-1.2586	1.3219	0.5110	0.4890
wD[1, 3]	0.0003	0.0017	0.6175	-1.3098	1.2900	0.5016	0.4984
wD[2, 3]	0.0018	0.0007	0.6165	-1.3064	1.3019	0.5006	0.4994
wD[3, 3]	0.0074	0.0074	0.6204	-1.2991	1.3129	0.5066	0.4934
wD[4, 3]	0.0012	0.0022	0.6210	-1.3015	1.3143	0.5014	0.4986
wD[5, 3]	0.0105	0.0094	0.6233	-1.2985	1.3465	0.5083	0.4917
wD[6, 3]	-0.0034	-0.0028	0.6166	-1.2899	1.2835	0.4974	0.5026
wD[7, 3]	-0.0001	-0.0036	0.6165	-1.2965	1.2992	0.4964	0.5036
wD[8, 3]	-0.0011	0.0010	0.6169	-1.3054	1.2795	0.5010	0.4990
wD[9, 3]	0.0069	0.0058	0.6283	-1.3023	1.3202	0.5048	0.4952
wD[10, 3]	0.0037	0.0048	0.6182	-1.2897	1.3160	0.5040	0.4960
wD[11, 3]	0.0065	-0.0014	0.6198	-1.2874	1.3297	0.4988	0.5012
wD[12, 3]	0.0029	-0.0010	0.6179	-1.2870	1.3184	0.4992	0.5008
wD[13, 3]	0.0011	0.0032	0.6166	-1.3041	1.2952	0.5026	0.4974
wD[14, 3]	0.0088	0.0035	0.6206	-1.2938	1.3363	0.5030	0.4970
wD[15, 3]	0.0037	0.0021	0.6189	-1.2750	1.3160	0.5020	0.4980
wD[16, 3]	-0.0008	-0.0008	0.6209	-1.3101	1.3008	0.4994	0.5006
wD[17, 3]	0.0009	0.0014	0.6237	-1.3053	1.3165	0.5014	0.4986
wD[18, 3]	0.0161	0.0095	0.6101	-1.2566	1.3005	0.5094	0.4906
wD[19, 3]	0.0018	0.0034	0.6166	-1.3040	1.2989	0.5033	0.4967
wD[20, 3]	0.0076	-0.0002	0.6156	-1.2727	1.3197	0.4997	0.5003
wD[21, 3]	0.0014	0.0059	0.6187	-1.3133	1.2883	0.5052	0.4948
wD[22, 3]	-0.0042	0.0020	0.6198	-1.3124	1.3008	0.5016	0.4984
wD[23, 3]	-0.0010	0.0006	0.6221	-1.3278	1.2969	0.5004	0.4996
wD[24, 3]	0.0008	-0.0025	0.6265	-1.3215	1.3058	0.4978	0.5022
wD[25, 3]	0.0006	-0.0005	0.6204	-1.3118	1.3046	0.4994	0.5006
wD[26, 3]	0.0037	-0.0020	0.6220	-1.3005	1.3204	0.4982	0.5018
wD[27, 3]	0.0019	-0.0013	0.6184	-1.2727	1.3162	0.4991	0.5009
wD[28, 3]	0.0011	0.0011	0.6103	-1.2724	1.2900	0.5013	0.4987
wD[29, 3]	0.0005	-0.0035	0.6175	-1.3066	1.2948	0.4969	0.5031
wD[30, 3]	0.0110	0.0054	0.6197	-1.2658	1.3372	0.5051	0.4949
wD[31, 3]	-0.0007	0.0037	0.6168	-1.3043	1.2971	0.5037	0.4963
wD[32, 3]	0.0033	0.0059	0.6195	-1.3186	1.3096	0.5052	0.4948
wD[33, 3]	0.0037	0.0054	0.6178	-1.2987	1.2913	0.5051	0.4949
wD[34, 3]	0.0062	0.0059	0.6205	-1.3021	1.3207	0.5064	0.4936
wD[35, 3]	-0.0027	0.0008	0.6214	-1.3278	1.3024	0.5007	0.4993
wD[36, 3]	0.0056	0.0020	0.6166	-1.2666	1.3034	0.5020	0.4980
wD[37, 3]	-0.0057	-0.0015	0.6189	-1.3118	1.2821	0.4988	0.5012
wD[38, 3]	0.0071	0.0051	0.6251	-1.3012	1.3339	0.5051	0.4949
wD[39, 3]	0.0040	0.0042	0.6193	-1.2936	1.3144	0.5040	0.4960
wD[40, 3]	0.0077	0.0094	0.6198	-1.2945	1.3153	0.5083	0.4917
wD[41, 3]	0.0027	0.0044	0.6157	-1.3023	1.3007	0.5040	0.4960
wD[42, 3]	0.0084	0.0061	0.6188	-1.2849	1.3273	0.5053	0.4947
wD[43, 3]	0.0010	-0.0049	0.6220	-1.2782	1.3320	0.4954	0.5046
wD[44, 3]	0.0009	-0.0041	0.6193	-1.2787	1.3258	0.4961	0.5039

wD[45, 3]	0.0001	-0.0042	0.6152	-1.2800	1.3166	0.4963	0.5037
wD[46, 3]	0.0004	0.0023	0.6192	-1.3210	1.2995	0.5024	0.4976
wD[47, 3]	0.0031	0.0012	0.6243	-1.3068	1.3216	0.5013	0.4987
wD[48, 3]	-0.0025	-0.0046	0.6227	-1.2949	1.3105	0.4958	0.5042
wD[49, 3]	-0.0004	-0.0029	0.6203	-1.3128	1.3006	0.4979	0.5021
wD[50, 3]	-0.0020	-0.0032	0.6221	-1.2987	1.3138	0.4970	0.5030
wD[1, 4]	0.0009	0.0023	0.6174	-1.2993	1.3164	0.5020	0.4980
wD[2, 4]	0.0010	0.0022	0.6164	-1.3049	1.2908	0.5016	0.4984
wD[3, 4]	0.0046	0.0017	0.6131	-1.2823	1.3135	0.5020	0.4980
wD[4, 4]	0.0015	0.0019	0.6163	-1.3083	1.2884	0.5013	0.4987
wD[5, 4]	0.0039	0.0001	0.6196	-1.2810	1.3193	0.5000	0.5000
wD[6, 4]	0.0010	-0.0002	0.6254	-1.3210	1.3070	0.4999	0.5001
wD[7, 4]	0.0010	0.0020	0.6219	-1.3112	1.3172	0.5019	0.4981
wD[8, 4]	0.0041	0.0009	0.6236	-1.3078	1.3122	0.5008	0.4992
wD[9, 4]	-0.0020	-0.0004	0.6242	-1.3143	1.3100	0.4996	0.5004
wD[10, 4]	0.0017	0.0021	0.6164	-1.2897	1.2897	0.5021	0.4979
wD[11, 4]	0.0035	0.0034	0.6164	-1.2969	1.2922	0.5027	0.4973
wD[12, 4]	0.0077	0.0049	0.6213	-1.3017	1.3409	0.5050	0.4950
wD[13, 4]	0.0078	0.0035	0.6178	-1.2742	1.3181	0.5026	0.4974
wD[14, 4]	0.0027	-0.0006	0.6284	-1.3225	1.3309	0.4993	0.5007
wD[15, 4]	0.0029	0.0011	0.6172	-1.3061	1.2941	0.5016	0.4984
wD[16, 4]	0.0066	0.0031	0.6246	-1.3016	1.3196	0.5028	0.4972
wD[17, 4]	-0.0010	-0.0017	0.6236	-1.3111	1.3142	0.4985	0.5015
wD[18, 4]	0.0163	0.0101	0.6117	-1.2412	1.3011	0.5113	0.4887
wD[19, 4]	0.0022	0.0028	0.6210	-1.3055	1.3163	0.5031	0.4969
wD[20, 4]	-0.0003	-0.0050	0.6203	-1.3123	1.3079	0.4960	0.5040
wD[21, 4]	-0.0051	0.0005	0.6176	-1.3082	1.2917	0.5006	0.4994
wD[22, 4]	0.0046	0.0046	0.6222	-1.2858	1.3176	0.5043	0.4957
wD[23, 4]	0.0011	0.0052	0.6186	-1.2994	1.2883	0.5053	0.4947
wD[24, 4]	-0.0021	-0.0013	0.6134	-1.2916	1.2814	0.4986	0.5014
wD[25, 4]	-0.0034	-0.0037	0.6180	-1.2994	1.3040	0.4965	0.5035
wD[26, 4]	-0.0019	-0.0058	0.6271	-1.3037	1.3270	0.4944	0.5056
wD[27, 4]	-0.0027	-0.0003	0.6226	-1.3130	1.3022	0.4999	0.5001
wD[28, 4]	0.0037	0.0020	0.6306	-1.3081	1.3469	0.5024	0.4976
wD[29, 4]	0.0026	0.0048	0.6167	-1.2989	1.2889	0.5045	0.4955
wD[30, 4]	0.0048	0.0025	0.6234	-1.2910	1.3156	0.5020	0.4980
wD[31, 4]	0.0048	0.0020	0.6201	-1.2975	1.3426	0.5020	0.4980
wD[32, 4]	0.0013	-0.0008	0.6199	-1.2829	1.3121	0.4993	0.5007
wD[33, 4]	0.0055	0.0026	0.6170	-1.2748	1.3036	0.5027	0.4973
wD[34, 4]	0.0011	-0.0019	0.6129	-1.2789	1.2854	0.4979	0.5021
wD[35, 4]	0.0009	-0.0019	0.6129	-1.2884	1.3025	0.4980	0.5020
wD[36, 4]	-0.0014	-0.0039	0.6153	-1.3076	1.2783	0.4963	0.5037
wD[37, 4]	0.0036	0.0041	0.6171	-1.2912	1.3048	0.5042	0.4958
wD[38, 4]	0.0064	0.0035	0.6146	-1.2835	1.3085	0.5036	0.4964
wD[39, 4]	-0.0003	0.0037	0.6183	-1.3182	1.2822	0.5031	0.4969
wD[40, 4]	0.0038	0.0036	0.6192	-1.2819	1.3232	0.5030	0.4970
wD[41, 4]	-0.0002	-0.0001	0.6168	-1.2978	1.2977	0.5000	0.5000
wD[42, 4]	0.0060	0.0055	0.6102	-1.2639	1.2920	0.5051	0.4949
wD[43, 4]	0.0036	0.0024	0.6167	-1.2990	1.3124	0.5024	0.4976
wD[44, 4]	0.0018	0.0024	0.6214	-1.2943	1.2959	0.5026	0.4974

wD[45, 4]	0.0059	0.0057	0.6209	-1.2915	1.3086	0.5053	0.4947
wD[46, 4]	0.0071	0.0037	0.6199	-1.2872	1.3171	0.5030	0.4970
wD[47, 4]	0.0005	0.0015	0.6217	-1.3070	1.3108	0.5013	0.4987
wD[48, 4]	0.0012	0.0034	0.6191	-1.3043	1.3160	0.5035	0.4965
wD[49, 4]	0.0027	-0.0004	0.6223	-1.2907	1.3103	0.4997	0.5003
wD[50, 4]	0.0058	0.0050	0.6155	-1.2806	1.2927	0.5043	0.4957
wD[1, 5]	0.0008	-0.0010	0.6203	-1.3038	1.3238	0.4992	0.5008
wD[2, 5]	0.0109	0.0064	0.6185	-1.2833	1.3208	0.5068	0.4932
wD[3, 5]	0.0138	0.0119	0.6163	-1.2842	1.3137	0.5108	0.4892
wD[4, 5]	0.0077	0.0008	0.6246	-1.2875	1.3403	0.5010	0.4990
wD[5, 5]	0.0124	0.0043	0.6188	-1.2757	1.3330	0.5052	0.4948
wD[6, 5]	0.0040	0.0062	0.6241	-1.3204	1.3151	0.5051	0.4949
wD[7, 5]	0.0004	-0.0014	0.6256	-1.3030	1.3191	0.4983	0.5017
wD[8, 5]	-0.0002	-0.0028	0.6210	-1.2983	1.3197	0.4970	0.5030
wD[9, 5]	0.0041	0.0034	0.6213	-1.3035	1.3084	0.5036	0.4964
wD[10, 5]	0.0059	-0.0007	0.6211	-1.2849	1.3287	0.4996	0.5004
wD[11, 5]	0.0137	0.0072	0.6224	-1.2999	1.3354	0.5069	0.4931
wD[12, 5]	-0.0002	0.0040	0.6232	-1.3129	1.3080	0.5026	0.4974
wD[13, 5]	-0.0016	0.0009	0.6184	-1.3098	1.2882	0.5009	0.4991
wD[14, 5]	0.0031	0.0054	0.6180	-1.3126	1.2992	0.5050	0.4950
wD[15, 5]	0.0002	0.0001	0.6185	-1.3073	1.2774	0.5001	0.4999
wD[16, 5]	0.0019	0.0018	0.6190	-1.2960	1.3100	0.5014	0.4986
wD[17, 5]	0.0038	0.0042	0.6177	-1.2901	1.2961	0.5031	0.4969
wD[18, 5]	0.0169	0.0085	0.6098	-1.2611	1.3124	0.5098	0.4902
wD[19, 5]	0.0053	0.0011	0.6183	-1.2899	1.3151	0.5011	0.4989
wD[20, 5]	0.0044	0.0029	0.6221	-1.3173	1.2982	0.5024	0.4976
wD[21, 5]	-0.0013	-0.0022	0.6198	-1.3111	1.3154	0.4977	0.5023
wD[22, 5]	-0.0118	-0.0090	0.6195	-1.3364	1.2846	0.4914	0.5086
wD[23, 5]	0.0073	0.0041	0.6177	-1.2905	1.3192	0.5039	0.4961
wD[24, 5]	0.0042	0.0016	0.6149	-1.2946	1.3150	0.5012	0.4988
wD[25, 5]	-0.0004	-0.0010	0.6237	-1.3100	1.3106	0.4992	0.5008
wD[26, 5]	-0.0016	0.0000	0.6230	-1.3260	1.2932	0.5000	0.5000
wD[27, 5]	-0.0010	0.0012	0.6270	-1.3302	1.3169	0.5010	0.4990
wD[28, 5]	0.0123	0.0097	0.6231	-1.2919	1.3231	0.5084	0.4916
wD[29, 5]	0.0012	0.0032	0.6235	-1.3081	1.3043	0.5031	0.4969
wD[30, 5]	-0.0035	-0.0032	0.6221	-1.3125	1.2967	0.4972	0.5028
wD[31, 5]	0.0013	0.0005	0.6204	-1.3067	1.3022	0.5003	0.4997
wD[32, 5]	0.0066	0.0076	0.6214	-1.3062	1.3046	0.5065	0.4935
wD[33, 5]	-0.0031	0.0001	0.6135	-1.2971	1.2664	0.5000	0.5000
wD[34, 5]	-0.0006	0.0039	0.6187	-1.3227	1.2919	0.5035	0.4965
wD[35, 5]	0.0032	0.0002	0.6150	-1.2918	1.2849	0.5004	0.4996
wD[36, 5]	0.0003	-0.0003	0.6258	-1.3072	1.3170	0.4997	0.5003
wD[37, 5]	-0.0017	-0.0070	0.6254	-1.3014	1.3136	0.4942	0.5058
wD[38, 5]	-0.0016	-0.0022	0.6160	-1.3031	1.3053	0.4980	0.5020
wD[39, 5]	0.0029	-0.0023	0.6236	-1.3059	1.3417	0.4978	0.5022
wD[40, 5]	0.0046	-0.0005	0.6267	-1.3103	1.3344	0.4998	0.5002
wD[41, 5]	0.0055	0.0039	0.6255	-1.2970	1.3303	0.5036	0.4964
wD[42, 5]	0.0051	0.0033	0.6113	-1.2830	1.3167	0.5031	0.4969
wD[43, 5]	0.0085	0.0027	0.6167	-1.2619	1.3218	0.5023	0.4977
wD[44, 5]	-0.0019	-0.0026	0.6205	-1.3198	1.3032	0.4975	0.5025

wD[45, 5]	-0.0046	0.0028	0.6235	-1.3368	1.2884	0.5029	0.4971
wD[46, 5]	0.0007	0.0011	0.6168	-1.2868	1.3149	0.5007	0.4993
wD[47, 5]	0.0034	0.0018	0.6203	-1.2925	1.3110	0.5016	0.4984
wD[48, 5]	0.0079	0.0053	0.6286	-1.3146	1.3601	0.5046	0.4954
wD[49, 5]	0.0072	0.0062	0.6156	-1.2813	1.3077	0.5060	0.4940
wD[50, 5]	0.0002	0.0038	0.6173	-1.3149	1.3128	0.5043	0.4957
wD[1, 6]	-0.0047	-0.0058	0.6213	-1.3089	1.2883	0.4945	0.5055
wD[2, 6]	0.0035	0.0013	0.6142	-1.2854	1.3130	0.5011	0.4989
wD[3, 6]	0.0095	0.0078	0.6112	-1.2635	1.3182	0.5080	0.4920
wD[4, 6]	0.0067	-0.0001	0.6136	-1.2761	1.3006	0.4998	0.5002
wD[5, 6]	-0.0042	-0.0047	0.6145	-1.2967	1.2893	0.4961	0.5039
wD[6, 6]	0.0058	0.0029	0.6191	-1.2839	1.3085	0.5022	0.4978
wD[7, 6]	-0.0012	-0.0020	0.6213	-1.3016	1.3131	0.4976	0.5024
wD[8, 6]	0.0014	0.0001	0.6206	-1.3048	1.3063	0.5001	0.4999
wD[9, 6]	0.0038	0.0040	0.6166	-1.2964	1.3036	0.5034	0.4966
wD[10, 6]	0.0026	0.0025	0.6225	-1.3209	1.3163	0.5022	0.4978
wD[11, 6]	0.0060	0.0054	0.6167	-1.2962	1.3010	0.5054	0.4946
wD[12, 6]	0.0076	0.0062	0.6193	-1.2877	1.3115	0.5051	0.4949
wD[13, 6]	0.0032	0.0004	0.6201	-1.2974	1.3167	0.5004	0.4996
wD[14, 6]	0.0022	0.0054	0.6238	-1.3168	1.3115	0.5043	0.4957
wD[15, 6]	0.0019	-0.0016	0.6180	-1.2746	1.2965	0.4987	0.5013
wD[16, 6]	-0.0053	-0.0029	0.6198	-1.3183	1.2841	0.4970	0.5030
wD[17, 6]	-0.0002	-0.0004	0.6142	-1.2926	1.2895	0.4998	0.5002
wD[18, 6]	0.0273	0.0198	0.6094	-1.2308	1.3424	0.5190	0.4810
wD[19, 6]	0.0020	0.0005	0.6173	-1.2932	1.2924	0.5004	0.4996
wD[20, 6]	-0.0029	-0.0009	0.6180	-1.3125	1.2893	0.4996	0.5004
wD[21, 6]	-0.0020	0.0025	0.6233	-1.3127	1.3072	0.5019	0.4981
wD[22, 6]	0.0053	-0.0014	0.6227	-1.2952	1.3197	0.4988	0.5012
wD[23, 6]	-0.0028	-0.0015	0.6215	-1.3011	1.3086	0.4988	0.5012
wD[24, 6]	0.0018	0.0024	0.6164	-1.2975	1.3107	0.5019	0.4981
wD[25, 6]	0.0007	0.0004	0.6233	-1.3103	1.3103	0.5004	0.4996
wD[26, 6]	-0.0045	-0.0078	0.6242	-1.3152	1.2963	0.4923	0.5077
wD[27, 6]	-0.0032	-0.0027	0.6229	-1.3268	1.2953	0.4974	0.5026
wD[28, 6]	0.0141	0.0068	0.6134	-1.2616	1.3239	0.5056	0.4944
wD[29, 6]	-0.0062	-0.0026	0.6254	-1.3238	1.3175	0.4978	0.5022
wD[30, 6]	0.0008	0.0000	0.6192	-1.3254	1.2918	0.4999	0.5001
wD[31, 6]	-0.0012	-0.0021	0.6241	-1.3147	1.3313	0.4980	0.5020
wD[32, 6]	0.0001	0.0006	0.6152	-1.2936	1.2922	0.5005	0.4995
wD[33, 6]	0.0074	0.0068	0.6164	-1.2953	1.3057	0.5063	0.4937
wD[34, 6]	0.0100	0.0035	0.6142	-1.2691	1.3157	0.5029	0.4971
wD[35, 6]	-0.0035	-0.0002	0.6164	-1.3101	1.2929	0.4996	0.5004
wD[36, 6]	0.0008	-0.0009	0.6188	-1.2899	1.2885	0.4992	0.5008
wD[37, 6]	0.0001	0.0055	0.6213	-1.3261	1.2900	0.5050	0.4950
wD[38, 6]	0.0058	0.0032	0.6121	-1.2759	1.3054	0.5029	0.4971
wD[39, 6]	0.0003	-0.0018	0.6174	-1.3001	1.2994	0.4983	0.5017
wD[40, 6]	0.0092	0.0040	0.6211	-1.2951	1.3430	0.5041	0.4959
wD[41, 6]	0.0071	0.0030	0.6131	-1.2676	1.3020	0.5027	0.4973
wD[42, 6]	0.0027	0.0032	0.6219	-1.3015	1.3233	0.5025	0.4975
wD[43, 6]	0.0066	0.0032	0.6070	-1.2768	1.2995	0.5030	0.4970
wD[44, 6]	0.0007	0.0001	0.6227	-1.3123	1.3154	0.5001	0.4999

wD[45, 6]	0.0019	0.0000	0.6200	-1.2955	1.3045	0.5000	0.5000
wD[46, 6]	-0.0036	-0.0007	0.6128	-1.2991	1.2740	0.4990	0.5010
wD[47, 6]	-0.0028	0.0000	0.6181	-1.3055	1.2920	0.5000	0.5000
wD[48, 6]	0.0025	-0.0007	0.6198	-1.3106	1.3182	0.4993	0.5007
wD[49, 6]	-0.0026	0.0006	0.6232	-1.3270	1.3023	0.5006	0.4994
wD[50, 6]	-0.0072	-0.0034	0.6214	-1.3192	1.2849	0.4961	0.5039
wD[1, 7]	0.0039	0.0028	0.6231	-1.3055	1.3148	0.5028	0.4972
wD[2, 7]	0.0040	0.0039	0.6210	-1.3015	1.3085	0.5049	0.4951
wD[3, 7]	0.0076	0.0042	0.6241	-1.2894	1.3371	0.5041	0.4959
wD[4, 7]	-0.0015	-0.0045	0.6251	-1.3221	1.3238	0.4962	0.5038
wD[5, 7]	0.0020	-0.0027	0.6229	-1.2941	1.3175	0.4971	0.5029
wD[6, 7]	0.0049	0.0011	0.6179	-1.2861	1.3056	0.5008	0.4992
wD[7, 7]	0.0042	0.0008	0.6170	-1.2903	1.3050	0.5011	0.4989
wD[8, 7]	-0.0024	-0.0012	0.6266	-1.3253	1.3078	0.4987	0.5013
wD[9, 7]	0.0055	0.0014	0.6209	-1.3029	1.3408	0.5015	0.4985
wD[10, 7]	0.0003	0.0006	0.6226	-1.3024	1.3084	0.5005	0.4995
wD[11, 7]	0.0065	0.0009	0.6205	-1.2817	1.3152	0.5007	0.4993
wD[12, 7]	0.0025	0.0061	0.6246	-1.3304	1.3033	0.5061	0.4939
wD[13, 7]	0.0014	0.0013	0.6226	-1.3048	1.3188	0.5012	0.4988
wD[14, 7]	0.0079	0.0068	0.6211	-1.2784	1.3272	0.5068	0.4932
wD[15, 7]	-0.0037	-0.0017	0.6223	-1.3110	1.2957	0.4989	0.5011
wD[16, 7]	0.0021	-0.0002	0.6267	-1.3191	1.3325	0.4996	0.5004
wD[17, 7]	0.0020	0.0014	0.6215	-1.3034	1.3145	0.5014	0.4986
wD[18, 7]	0.0004	-0.0019	0.6236	-1.2989	1.3060	0.4982	0.5018
wD[19, 7]	0.0094	0.0028	0.6255	-1.2974	1.3306	0.5029	0.4971
wD[20, 7]	0.0003	-0.0038	0.6194	-1.3068	1.3124	0.4972	0.5028
wD[21, 7]	-0.0040	-0.0025	0.6168	-1.2985	1.2964	0.4972	0.5028
wD[22, 7]	0.0022	0.0001	0.6211	-1.2878	1.3142	0.5002	0.4998
wD[23, 7]	0.0029	-0.0020	0.6186	-1.2849	1.3256	0.4985	0.5015
wD[24, 7]	-0.0042	-0.0016	0.6148	-1.3139	1.2767	0.4985	0.5015
wD[25, 7]	-0.0030	-0.0021	0.6198	-1.3200	1.2898	0.4981	0.5019
wD[26, 7]	0.0041	0.0031	0.6227	-1.3051	1.3211	0.5033	0.4967
wD[27, 7]	0.0000	0.0010	0.6220	-1.3107	1.3084	0.5009	0.4991
wD[28, 7]	0.0099	0.0033	0.6179	-1.2774	1.3326	0.5031	0.4969
wD[29, 7]	0.0002	0.0009	0.6194	-1.3095	1.2985	0.5010	0.4990
wD[30, 7]	0.0041	0.0023	0.6170	-1.2920	1.2983	0.5019	0.4981
wD[31, 7]	-0.0029	0.0015	0.6194	-1.3133	1.2920	0.5013	0.4987
wD[32, 7]	-0.0040	-0.0059	0.6270	-1.3333	1.3011	0.4940	0.5060
wD[33, 7]	-0.0017	0.0007	0.6196	-1.3145	1.2952	0.5007	0.4993
wD[34, 7]	0.0062	0.0026	0.6218	-1.2988	1.3311	0.5026	0.4974
wD[35, 7]	-0.0029	-0.0003	0.6200	-1.2939	1.3084	0.4998	0.5002
wD[36, 7]	-0.0047	-0.0039	0.6204	-1.3135	1.2949	0.4961	0.5039
wD[37, 7]	0.0055	-0.0008	0.6184	-1.2918	1.3261	0.4992	0.5008
wD[38, 7]	0.0027	0.0012	0.6249	-1.3234	1.3164	0.5012	0.4988
wD[39, 7]	-0.0008	0.0017	0.6241	-1.3164	1.3072	0.5018	0.4982
wD[40, 7]	0.0007	0.0023	0.6142	-1.3034	1.2978	0.5019	0.4981
wD[41, 7]	-0.0025	-0.0008	0.6238	-1.3246	1.3208	0.4991	0.5009
wD[42, 7]	-0.0013	0.0041	0.6237	-1.3253	1.3075	0.5039	0.4961
wD[43, 7]	0.0179	0.0081	0.6162	-1.2446	1.3312	0.5068	0.4932
wD[44, 7]	0.0026	0.0016	0.6211	-1.2949	1.2997	0.5016	0.4984

wD[45, 7]	-0.0042	-0.0005	0.6225	-1.3160	1.2920	0.4997	0.5003	
wD[46, 7]	0.0032	0.0002	0.6257	-1.2991	1.3252	0.5002	0.4998	
wD[47, 7]	-0.0034	-0.0012	0.6220	-1.3059	1.3070	0.4988	0.5012	
wD[48, 7]	-0.0001	0.0006	0.6163	-1.3063	1.3098	0.5003	0.4997	
wD[49, 7]	-0.0014	-0.0062	0.6200	-1.2986	1.3045	0.4936	0.5064	
wD[50, 7]	0.0007	0.0004	0.6203	-1.3083	1.3019	0.5006	0.4994	
Sigma.wIR[1, 1]	0.0224	0.0217	0.0050	0.0148	0.0344	1.0000	0.0000	*
Sigma.wIR[2, 1]	0.0001	0.0001	0.0033	-0.0063	0.0069	0.5190	0.4810	
Sigma.wIR[3, 1]	0.0004	0.0005	0.0034	-0.0065	0.0071	0.5592	0.4408	
Sigma.wIR[4, 1]	0.0002	0.0001	0.0032	-0.0061	0.0069	0.5186	0.4814	
Sigma.wIR[5, 1]	0.0004	0.0004	0.0035	-0.0065	0.0078	0.5624	0.4376	
Sigma.wIR[6, 1]	-0.0001	-0.0001	0.0032	-0.0065	0.0067	0.4808	0.5192	
Sigma.wIR[1, 2]	0.0001	0.0001	0.0033	-0.0063	0.0069	0.5190	0.4810	
Sigma.wIR[2, 2]	0.0226	0.0220	0.0047	0.0151	0.0336	1.0000	0.0000	*
Sigma.wIR[3, 2]	-0.0003	-0.0001	0.0036	-0.0078	0.0063	0.4891	0.5109	
Sigma.wIR[4, 2]	0.0005	0.0004	0.0035	-0.0062	0.0079	0.5441	0.4559	
Sigma.wIR[5, 2]	0.0003	0.0003	0.0036	-0.0066	0.0077	0.5322	0.4678	
Sigma.wIR[6, 2]	-0.0006	-0.0005	0.0033	-0.0075	0.0055	0.4268	0.5732	
Sigma.wIR[1, 3]	0.0004	0.0005	0.0034	-0.0065	0.0071	0.5592	0.4408	
Sigma.wIR[2, 3]	-0.0003	-0.0001	0.0036	-0.0078	0.0063	0.4891	0.5109	
Sigma.wIR[3, 3]	0.0223	0.0217	0.0048	0.0147	0.0331	1.0000	0.0000	*
Sigma.wIR[4, 3]	-0.0004	-0.0006	0.0033	-0.0067	0.0063	0.4292	0.5708	
Sigma.wIR[5, 3]	0.0003	0.0002	0.0034	-0.0064	0.0074	0.5280	0.4720	
Sigma.wIR[6, 3]	0.0005	0.0005	0.0031	-0.0058	0.0068	0.5671	0.4329	
Sigma.wIR[1, 4]	0.0002	0.0001	0.0032	-0.0061	0.0069	0.5186	0.4814	
Sigma.wIR[2, 4]	0.0005	0.0004	0.0035	-0.0062	0.0079	0.5441	0.4559	
Sigma.wIR[3, 4]	-0.0004	-0.0006	0.0033	-0.0067	0.0063	0.4292	0.5708	
Sigma.wIR[4, 4]	0.0222	0.0215	0.0047	0.0149	0.0333	1.0000	0.0000	*
Sigma.wIR[5, 4]	-0.0007	-0.0006	0.0032	-0.0074	0.0052	0.4275	0.5725	
Sigma.wIR[6, 4]	0.0000	-0.0001	0.0033	-0.0063	0.0071	0.4874	0.5126	
Sigma.wIR[1, 5]	0.0004	0.0004	0.0035	-0.0065	0.0078	0.5624	0.4376	
Sigma.wIR[2, 5]	0.0003	0.0003	0.0036	-0.0066	0.0077	0.5322	0.4678	
Sigma.wIR[3, 5]	0.0003	0.0002	0.0034	-0.0064	0.0074	0.5280	0.4720	
Sigma.wIR[4, 5]	-0.0007	-0.0006	0.0032	-0.0074	0.0052	0.4275	0.5725	
Sigma.wIR[5, 5]	0.0227	0.0219	0.0053	0.0148	0.0356	1.0000	0.0000	*
Sigma.wIR[6, 5]	0.0004	0.0005	0.0035	-0.0066	0.0070	0.5589	0.4411	
Sigma.wIR[1, 6]	-0.0001	-0.0001	0.0032	-0.0065	0.0067	0.4808	0.5192	
Sigma.wIR[2, 6]	-0.0006	-0.0005	0.0033	-0.0075	0.0055	0.4268	0.5732	
Sigma.wIR[3, 6]	0.0005	0.0005	0.0031	-0.0058	0.0068	0.5671	0.4329	
Sigma.wIR[4, 6]	0.0000	-0.0001	0.0033	-0.0063	0.0071	0.4874	0.5126	
Sigma.wIR[5, 6]	0.0004	0.0005	0.0035	-0.0066	0.0070	0.5589	0.4411	
Sigma.wIR[6, 6]	0.0221	0.0216	0.0046	0.0147	0.0326	1.0000	0.0000	*
wIR[1, 1, 1]	0.0085	0.0090	0.1455	-0.2785	0.2947	0.5257	0.4743	
wIR[2, 1, 1]	-0.0008	-0.0003	0.1447	-0.2859	0.2825	0.4992	0.5008	
wIR[3, 1, 1]	0.0050	0.0046	0.1513	-0.2941	0.3039	0.5116	0.4884	
wIR[4, 1, 1]	-0.0061	-0.0060	0.1478	-0.2972	0.2850	0.4835	0.5165	
wIR[5, 1, 1]	-0.0013	-0.0016	0.1480	-0.2932	0.2891	0.4953	0.5047	
wIR[6, 1, 1]	-0.0003	-0.0004	0.1462	-0.2871	0.2871	0.4992	0.5008	
wIR[7, 1, 1]	-0.0097	-0.0092	0.1454	-0.2955	0.2763	0.4749	0.5251	
wIR[8, 1, 1]	-0.0219	-0.0212	0.1488	-0.3155	0.2699	0.4415	0.5585	

wIR[9, 1, 1]	0.0139	0.0138	0.1477	-0.2777	0.3053	0.5373	0.4627
wIR[10, 1, 1]	-0.0098	-0.0091	0.1637	-0.3323	0.3092	0.4785	0.5215
wIR[11, 1, 1]	-0.0213	-0.0205	0.1468	-0.3111	0.2666	0.4426	0.5574
wIR[12, 1, 1]	-0.0109	-0.0114	0.1473	-0.3010	0.2784	0.4685	0.5315
wIR[13, 1, 1]	-0.0094	-0.0088	0.1470	-0.3013	0.2782	0.4767	0.5233
wIR[14, 1, 1]	0.0118	0.0120	0.1506	-0.2861	0.3081	0.5323	0.4677
wIR[15, 1, 1]	0.0007	0.0004	0.1443	-0.2837	0.2880	0.5012	0.4988
wIR[16, 1, 1]	-0.0132	-0.0133	0.1501	-0.3096	0.2827	0.4648	0.5352
wIR[17, 1, 1]	0.0060	0.0060	0.1475	-0.2830	0.2963	0.5162	0.4838
wIR[18, 1, 1]	-0.0086	-0.0086	0.1465	-0.2975	0.2802	0.4762	0.5238
wIR[19, 1, 1]	-0.0245	-0.0240	0.1478	-0.3175	0.2643	0.4341	0.5659
wIR[20, 1, 1]	-0.0062	-0.0063	0.1490	-0.3011	0.2849	0.4828	0.5172
wIR[21, 1, 1]	-0.0075	-0.0069	0.1460	-0.2958	0.2789	0.4803	0.5197
wIR[22, 1, 1]	-0.0067	-0.0068	0.1463	-0.2938	0.2828	0.4810	0.5190
wIR[23, 1, 1]	-0.0204	-0.0205	0.1505	-0.3181	0.2750	0.4455	0.5545
wIR[24, 1, 1]	-0.0210	-0.0196	0.1465	-0.3114	0.2654	0.4460	0.5540
wIR[25, 1, 1]	0.0002	0.0001	0.1494	-0.2939	0.2969	0.5004	0.4996
wIR[26, 1, 1]	-0.0004	-0.0006	0.1490	-0.2915	0.2939	0.4985	0.5015
wIR[27, 1, 1]	-0.0080	-0.0085	0.1484	-0.2997	0.2842	0.4769	0.5231
wIR[28, 1, 1]	0.0081	0.0087	0.1461	-0.2810	0.2952	0.5236	0.4764
wIR[29, 1, 1]	0.0037	0.0039	0.1519	-0.2968	0.3022	0.5110	0.4890
wIR[30, 1, 1]	0.0012	0.0004	0.1477	-0.2906	0.2889	0.5012	0.4988
wIR[31, 1, 1]	-0.0130	-0.0122	0.1553	-0.3222	0.2901	0.4687	0.5313
wIR[32, 1, 1]	-0.0089	-0.0093	0.1504	-0.3038	0.2869	0.4740	0.5260
wIR[33, 1, 1]	-0.0011	-0.0009	0.1437	-0.2840	0.2821	0.4975	0.5025
wIR[34, 1, 1]	0.0096	0.0096	0.1527	-0.2896	0.3110	0.5250	0.4750
wIR[35, 1, 1]	-0.0086	-0.0087	0.1475	-0.2982	0.2806	0.4767	0.5233
wIR[36, 1, 1]	0.0143	0.0132	0.1460	-0.2703	0.3030	0.5373	0.4627
wIR[37, 1, 1]	0.0074	0.0077	0.1461	-0.2791	0.2965	0.5216	0.4784
wIR[38, 1, 1]	0.0041	0.0044	0.1492	-0.2875	0.2978	0.5119	0.4881
wIR[39, 1, 1]	-0.0044	-0.0051	0.1491	-0.2969	0.2901	0.4864	0.5136
wIR[40, 1, 1]	-0.0195	-0.0180	0.1465	-0.3109	0.2677	0.4495	0.5505
wIR[41, 1, 1]	-0.0140	-0.0132	0.1453	-0.3011	0.2728	0.4615	0.5385
wIR[42, 1, 1]	0.0012	0.0013	0.1493	-0.2929	0.2955	0.5036	0.4964
wIR[43, 1, 1]	-0.0220	-0.0216	0.1500	-0.3180	0.2727	0.4406	0.5594
wIR[44, 1, 1]	-0.0072	-0.0065	0.1467	-0.2957	0.2808	0.4822	0.5178
wIR[45, 1, 1]	0.0234	0.0232	0.1552	-0.2807	0.3295	0.5600	0.4400
wIR[46, 1, 1]	-0.0121	-0.0121	0.1459	-0.3009	0.2761	0.4677	0.5323
wIR[47, 1, 1]	-0.0005	-0.0005	0.1496	-0.2933	0.2936	0.4986	0.5014
wIR[48, 1, 1]	-0.0139	-0.0140	0.1476	-0.3054	0.2772	0.4622	0.5378
wIR[49, 1, 1]	-0.0032	-0.0034	0.1459	-0.2903	0.2844	0.4900	0.5100
wIR[50, 1, 1]	-0.0045	-0.0047	0.1442	-0.2891	0.2796	0.4870	0.5130
wIR[1, 2, 1]	-0.0080	-0.0072	0.1464	-0.2981	0.2785	0.4798	0.5202
wIR[2, 2, 1]	-0.0084	-0.0089	0.1450	-0.2935	0.2784	0.4752	0.5248
wIR[3, 2, 1]	0.0009	0.0004	0.1518	-0.2971	0.2997	0.5012	0.4988
wIR[4, 2, 1]	-0.0103	-0.0104	0.1492	-0.3047	0.2816	0.4718	0.5282
wIR[5, 2, 1]	-0.0103	-0.0111	0.1490	-0.3041	0.2834	0.4694	0.5306
wIR[6, 2, 1]	-0.0110	-0.0109	0.1474	-0.3014	0.2799	0.4701	0.5299
wIR[7, 2, 1]	0.0034	0.0037	0.1463	-0.2842	0.2928	0.5094	0.4906
wIR[8, 2, 1]	0.0053	0.0055	0.1493	-0.2878	0.2966	0.5153	0.4847

wIR[9, 2, 1]	0.0034	0.0036	0.1491	-0.2891	0.2959	0.5098	0.4902
wIR[10, 2, 1]	-0.0143	-0.0146	0.1641	-0.3357	0.3101	0.4638	0.5362
wIR[11, 2, 1]	0.0090	0.0085	0.1474	-0.2831	0.3005	0.5231	0.4769
wIR[12, 2, 1]	-0.0038	-0.0036	0.1486	-0.2978	0.2888	0.4907	0.5093
wIR[13, 2, 1]	-0.0125	-0.0121	0.1479	-0.3041	0.2781	0.4675	0.5325
wIR[14, 2, 1]	-0.0142	-0.0137	0.1513	-0.3113	0.2816	0.4637	0.5363
wIR[15, 2, 1]	-0.0078	-0.0081	0.1449	-0.2932	0.2780	0.4768	0.5232
wIR[16, 2, 1]	-0.0196	-0.0194	0.1511	-0.3162	0.2760	0.4480	0.5520
wIR[17, 2, 1]	-0.0030	-0.0030	0.1483	-0.2943	0.2887	0.4917	0.5083
wIR[18, 2, 1]	-0.0059	-0.0059	0.1473	-0.2940	0.2832	0.4835	0.5165
wIR[19, 2, 1]	0.0002	0.0003	0.1499	-0.2930	0.2957	0.5008	0.4992
wIR[20, 2, 1]	0.0045	0.0045	0.1511	-0.2936	0.3024	0.5126	0.4874
wIR[21, 2, 1]	0.0086	0.0087	0.1471	-0.2792	0.2988	0.5237	0.4763
wIR[22, 2, 1]	0.0091	0.0093	0.1462	-0.2793	0.2986	0.5254	0.4746
wIR[23, 2, 1]	0.0130	0.0127	0.1519	-0.2862	0.3127	0.5351	0.4649
wIR[24, 2, 1]	0.0097	0.0091	0.1487	-0.2827	0.3041	0.5249	0.4751
wIR[25, 2, 1]	0.0001	0.0001	0.1495	-0.2927	0.2941	0.5003	0.4997
wIR[26, 2, 1]	0.0126	0.0129	0.1504	-0.2829	0.3092	0.5362	0.4638
wIR[27, 2, 1]	0.0049	0.0047	0.1493	-0.2869	0.2984	0.5133	0.4867
wIR[28, 2, 1]	0.0086	0.0083	0.1471	-0.2797	0.2988	0.5226	0.4774
wIR[29, 2, 1]	0.0032	0.0030	0.1533	-0.2984	0.3068	0.5082	0.4918
wIR[30, 2, 1]	0.0082	0.0086	0.1492	-0.2864	0.2998	0.5229	0.4771
wIR[31, 2, 1]	-0.0135	-0.0134	0.1570	-0.3236	0.2934	0.4663	0.5337
wIR[32, 2, 1]	-0.0204	-0.0205	0.1512	-0.3181	0.2760	0.4464	0.5536
wIR[33, 2, 1]	-0.0051	-0.0054	0.1452	-0.2903	0.2804	0.4857	0.5143
wIR[34, 2, 1]	-0.0104	-0.0105	0.1529	-0.3109	0.2906	0.4724	0.5276
wIR[35, 2, 1]	-0.0132	-0.0130	0.1478	-0.3050	0.2776	0.4650	0.5350
wIR[36, 2, 1]	-0.0111	-0.0110	0.1473	-0.2999	0.2770	0.4701	0.5299
wIR[37, 2, 1]	-0.0075	-0.0078	0.1472	-0.2967	0.2839	0.4781	0.5219
wIR[38, 2, 1]	-0.0041	-0.0043	0.1508	-0.3026	0.2891	0.4885	0.5115
wIR[39, 2, 1]	0.0190	0.0188	0.1507	-0.2763	0.3163	0.5515	0.4485
wIR[40, 2, 1]	0.0009	0.0011	0.1485	-0.2920	0.2919	0.5028	0.4972
wIR[41, 2, 1]	0.0051	0.0052	0.1455	-0.2806	0.2913	0.5150	0.4850
wIR[42, 2, 1]	0.0186	0.0180	0.1504	-0.2775	0.3163	0.5503	0.4497
wIR[43, 2, 1]	-0.0002	-0.0004	0.1510	-0.2966	0.2963	0.4990	0.5010
wIR[44, 2, 1]	0.0018	0.0019	0.1477	-0.2890	0.2932	0.5051	0.4949
wIR[45, 2, 1]	0.0200	0.0195	0.1557	-0.2867	0.3259	0.5504	0.4496
wIR[46, 2, 1]	0.0053	0.0048	0.1479	-0.2853	0.2980	0.5134	0.4866
wIR[47, 2, 1]	-0.0008	-0.0007	0.1500	-0.2973	0.2950	0.4977	0.5023
wIR[48, 2, 1]	0.0076	0.0075	0.1487	-0.2828	0.3009	0.5199	0.4801
wIR[49, 2, 1]	0.0057	0.0059	0.1472	-0.2848	0.2968	0.5164	0.4836
wIR[50, 2, 1]	-0.0002	0.0001	0.1456	-0.2861	0.2859	0.5003	0.4997
wIR[1, 3, 1]	0.0096	0.0088	0.1454	-0.2756	0.2987	0.5250	0.4750
wIR[2, 3, 1]	0.0068	0.0062	0.1446	-0.2795	0.2928	0.5174	0.4826
wIR[3, 3, 1]	0.0033	0.0031	0.1513	-0.2926	0.3007	0.5078	0.4922
wIR[4, 3, 1]	0.0041	0.0043	0.1481	-0.2884	0.2951	0.5121	0.4879
wIR[5, 3, 1]	0.0047	0.0049	0.1476	-0.2851	0.2957	0.5130	0.4870
wIR[6, 3, 1]	0.0075	0.0080	0.1456	-0.2770	0.2941	0.5222	0.4778
wIR[7, 3, 1]	-0.0055	-0.0050	0.1450	-0.2921	0.2785	0.4861	0.5139
wIR[8, 3, 1]	-0.0046	-0.0038	0.1483	-0.3003	0.2881	0.4898	0.5102

wIR[9, 3, 1]	-0.0030	-0.0030	0.1479	-0.2951	0.2867	0.4921	0.5079
wIR[10, 3, 1]	0.0046	0.0047	0.1637	-0.3202	0.3280	0.5116	0.4884
wIR[11, 3, 1]	-0.0092	-0.0095	0.1469	-0.2979	0.2769	0.4734	0.5266
wIR[12, 3, 1]	0.0013	0.0014	0.1478	-0.2890	0.2921	0.5039	0.4961
wIR[13, 3, 1]	0.0061	0.0072	0.1460	-0.2811	0.2943	0.5194	0.4806
wIR[14, 3, 1]	0.0101	0.0093	0.1497	-0.2843	0.3044	0.5262	0.4738
wIR[15, 3, 1]	0.0058	0.0056	0.1435	-0.2753	0.2875	0.5159	0.4841
wIR[16, 3, 1]	0.0085	0.0084	0.1503	-0.2872	0.3031	0.5226	0.4774
wIR[17, 3, 1]	0.0048	0.0042	0.1470	-0.2852	0.2920	0.5121	0.4879
wIR[18, 3, 1]	0.0034	0.0037	0.1462	-0.2849	0.2918	0.5108	0.4892
wIR[19, 3, 1]	-0.0045	-0.0038	0.1484	-0.2986	0.2861	0.4893	0.5107
wIR[20, 3, 1]	0.0002	0.0006	0.1500	-0.2925	0.2967	0.5016	0.4984
wIR[21, 3, 1]	-0.0060	-0.0062	0.1454	-0.2922	0.2787	0.4835	0.5165
wIR[22, 3, 1]	-0.0046	-0.0044	0.1455	-0.2910	0.2815	0.4879	0.5121
wIR[23, 3, 1]	-0.0143	-0.0144	0.1508	-0.3100	0.2827	0.4619	0.5381
wIR[24, 3, 1]	-0.0129	-0.0121	0.1469	-0.3030	0.2744	0.4658	0.5342
wIR[25, 3, 1]	-0.0001	0.0004	0.1486	-0.2919	0.2937	0.5011	0.4989
wIR[26, 3, 1]	-0.0067	-0.0057	0.1500	-0.3011	0.2880	0.4835	0.5165
wIR[27, 3, 1]	-0.0020	-0.0019	0.1489	-0.2941	0.2926	0.4942	0.5058
wIR[28, 3, 1]	-0.0069	-0.0070	0.1464	-0.2970	0.2808	0.4805	0.5195
wIR[29, 3, 1]	-0.0067	-0.0059	0.1521	-0.3077	0.2898	0.4839	0.5161
wIR[30, 3, 1]	-0.0039	-0.0041	0.1478	-0.2952	0.2862	0.4888	0.5112
wIR[31, 3, 1]	0.0044	0.0045	0.1547	-0.2999	0.3103	0.5117	0.4883
wIR[32, 3, 1]	0.0082	0.0086	0.1506	-0.2883	0.3063	0.5235	0.4765
wIR[33, 3, 1]	0.0011	0.0012	0.1450	-0.2844	0.2874	0.5032	0.4968
wIR[34, 3, 1]	0.0083	0.0076	0.1527	-0.2915	0.3104	0.5198	0.4802
wIR[35, 3, 1]	0.0083	0.0082	0.1474	-0.2809	0.2987	0.5219	0.4781
wIR[36, 3, 1]	0.0113	0.0104	0.1466	-0.2766	0.3020	0.5292	0.4708
wIR[37, 3, 1]	0.0067	0.0066	0.1466	-0.2797	0.2952	0.5183	0.4817
wIR[38, 3, 1]	0.0099	0.0098	0.1489	-0.2805	0.3053	0.5264	0.4736
wIR[39, 3, 1]	-0.0136	-0.0135	0.1496	-0.3085	0.2811	0.4625	0.5375
wIR[40, 3, 1]	-0.0023	-0.0021	0.1469	-0.2923	0.2879	0.4941	0.5059
wIR[41, 3, 1]	-0.0061	-0.0058	0.1448	-0.2927	0.2776	0.4839	0.5161
wIR[42, 3, 1]	-0.0145	-0.0147	0.1498	-0.3094	0.2791	0.4596	0.5404
wIR[43, 3, 1]	-0.0053	-0.0048	0.1504	-0.3044	0.2900	0.4874	0.5126
wIR[44, 3, 1]	-0.0041	-0.0041	0.1468	-0.2944	0.2824	0.4888	0.5112
wIR[45, 3, 1]	-0.0097	-0.0091	0.1548	-0.3141	0.2945	0.4756	0.5244
wIR[46, 3, 1]	-0.0089	-0.0084	0.1462	-0.2980	0.2761	0.4772	0.5228
wIR[47, 3, 1]	0.0004	0.0005	0.1489	-0.2927	0.2946	0.5016	0.4984
wIR[48, 3, 1]	-0.0073	-0.0070	0.1478	-0.2987	0.2820	0.4804	0.5196
wIR[49, 3, 1]	-0.0021	-0.0019	0.1463	-0.2885	0.2856	0.4949	0.5051
wIR[50, 3, 1]	0.0003	0.0007	0.1440	-0.2846	0.2829	0.5020	0.4980
wIR[1, 4, 1]	0.0004	0.0000	0.1454	-0.2862	0.2857	0.5001	0.4999
wIR[2, 4, 1]	-0.0049	-0.0044	0.1450	-0.2902	0.2803	0.4877	0.5123
wIR[3, 4, 1]	-0.0075	-0.0077	0.1505	-0.3036	0.2877	0.4799	0.5201
wIR[4, 4, 1]	-0.0146	-0.0134	0.1474	-0.3070	0.2729	0.4627	0.5373
wIR[5, 4, 1]	-0.0124	-0.0121	0.1469	-0.3021	0.2768	0.4665	0.5335
wIR[6, 4, 1]	-0.0150	-0.0140	0.1458	-0.3023	0.2703	0.4604	0.5396
wIR[7, 4, 1]	-0.0027	-0.0025	0.1448	-0.2873	0.2813	0.4929	0.5071
wIR[8, 4, 1]	0.0044	0.0049	0.1474	-0.2858	0.2955	0.5136	0.4864

wIR[9, 4, 1]	0.0056	0.0048	0.1479	-0.2839	0.2979	0.5135	0.4865
wIR[10, 4, 1]	0.0129	0.0127	0.1638	-0.3104	0.3371	0.5311	0.4689
wIR[11, 4, 1]	-0.0007	-0.0008	0.1470	-0.2905	0.2885	0.4980	0.5020
wIR[12, 4, 1]	-0.0154	-0.0147	0.1475	-0.3061	0.2741	0.4589	0.5411
wIR[13, 4, 1]	-0.0050	-0.0051	0.1462	-0.2909	0.2830	0.4854	0.5146
wIR[14, 4, 1]	-0.0018	-0.0018	0.1501	-0.2969	0.2953	0.4948	0.5052
wIR[15, 4, 1]	-0.0038	-0.0034	0.1433	-0.2847	0.2789	0.4910	0.5090
wIR[16, 4, 1]	-0.0223	-0.0222	0.1500	-0.3178	0.2702	0.4404	0.5596
wIR[17, 4, 1]	0.0092	0.0090	0.1462	-0.2759	0.2972	0.5246	0.4754
wIR[18, 4, 1]	-0.0147	-0.0148	0.1462	-0.3015	0.2717	0.4607	0.5393
wIR[19, 4, 1]	0.0056	0.0054	0.1469	-0.2844	0.2951	0.5151	0.4849
wIR[20, 4, 1]	0.0193	0.0196	0.1489	-0.2722	0.3113	0.5520	0.4480
wIR[21, 4, 1]	0.0080	0.0078	0.1447	-0.2774	0.2926	0.5226	0.4774
wIR[22, 4, 1]	0.0047	0.0044	0.1456	-0.2836	0.2920	0.5125	0.4875
wIR[23, 4, 1]	-0.0099	-0.0096	0.1501	-0.3070	0.2840	0.4738	0.5262
wIR[24, 4, 1]	0.0017	0.0006	0.1466	-0.2868	0.2905	0.5018	0.4982
wIR[25, 4, 1]	0.0007	0.0013	0.1494	-0.2942	0.2934	0.5038	0.4962
wIR[26, 4, 1]	-0.0152	-0.0150	0.1493	-0.3091	0.2768	0.4599	0.5401
wIR[27, 4, 1]	-0.0147	-0.0148	0.1478	-0.3064	0.2753	0.4601	0.5399
wIR[28, 4, 1]	0.0047	0.0043	0.1458	-0.2829	0.2920	0.5117	0.4883
wIR[29, 4, 1]	-0.0172	-0.0167	0.1507	-0.3149	0.2796	0.4557	0.5443
wIR[30, 4, 1]	0.0189	0.0190	0.1477	-0.2694	0.3114	0.5524	0.4476
wIR[31, 4, 1]	0.0135	0.0128	0.1549	-0.2920	0.3199	0.5340	0.4660
wIR[32, 4, 1]	-0.0200	-0.0200	0.1501	-0.3155	0.2744	0.4473	0.5527
wIR[33, 4, 1]	-0.0021	-0.0020	0.1445	-0.2877	0.2832	0.4945	0.5055
wIR[34, 4, 1]	-0.0324	-0.0322	0.1529	-0.3328	0.2681	0.4153	0.5847
wIR[35, 4, 1]	-0.0146	-0.0146	0.1470	-0.3054	0.2741	0.4602	0.5398
wIR[36, 4, 1]	-0.0049	-0.0040	0.1448	-0.2904	0.2786	0.4889	0.5111
wIR[37, 4, 1]	-0.0071	-0.0077	0.1456	-0.2919	0.2806	0.4791	0.5209
wIR[38, 4, 1]	-0.0024	-0.0033	0.1489	-0.2932	0.2918	0.4909	0.5091
wIR[39, 4, 1]	0.0018	0.0023	0.1490	-0.2903	0.2938	0.5062	0.4938
wIR[40, 4, 1]	0.0037	0.0036	0.1461	-0.2823	0.2923	0.5100	0.4900
wIR[41, 4, 1]	0.0039	0.0039	0.1440	-0.2798	0.2872	0.5109	0.4891
wIR[42, 4, 1]	0.0024	0.0028	0.1490	-0.2891	0.2960	0.5081	0.4919
wIR[43, 4, 1]	0.0062	0.0061	0.1486	-0.2882	0.2977	0.5168	0.4832
wIR[44, 4, 1]	-0.0119	-0.0123	0.1465	-0.2997	0.2764	0.4667	0.5333
wIR[45, 4, 1]	-0.0013	-0.0006	0.1543	-0.3058	0.3021	0.4980	0.5020
wIR[46, 4, 1]	-0.0050	-0.0047	0.1467	-0.2936	0.2821	0.4873	0.5127
wIR[47, 4, 1]	-0.0004	-0.0003	0.1493	-0.2962	0.2926	0.4994	0.5006
wIR[48, 4, 1]	-0.0048	-0.0045	0.1472	-0.2958	0.2836	0.4873	0.5127
wIR[49, 4, 1]	0.0094	0.0097	0.1456	-0.2763	0.2981	0.5264	0.4736
wIR[50, 4, 1]	0.0001	-0.0002	0.1441	-0.2830	0.2819	0.4994	0.5006
wIR[1, 5, 1]	0.0085	0.0085	0.1451	-0.2761	0.2966	0.5225	0.4775
wIR[2, 5, 1]	0.0027	0.0024	0.1444	-0.2810	0.2872	0.5063	0.4937
wIR[3, 5, 1]	0.0058	0.0059	0.1503	-0.2898	0.3033	0.5155	0.4845
wIR[4, 5, 1]	0.0165	0.0170	0.1471	-0.2740	0.3059	0.5470	0.4530
wIR[5, 5, 1]	0.0380	0.0371	0.1481	-0.2518	0.3310	0.6024	0.3976
wIR[6, 5, 1]	0.0241	0.0240	0.1460	-0.2610	0.3124	0.5658	0.4342
wIR[7, 5, 1]	-0.0007	-0.0005	0.1452	-0.2867	0.2856	0.4984	0.5016
wIR[8, 5, 1]	-0.0371	-0.0369	0.1481	-0.3294	0.2529	0.3993	0.6007

wIR[9, 5, 1]	-0.0076	-0.0067	0.1475	-0.2997	0.2807	0.4818	0.5182
wIR[10, 5, 1]	-0.0123	-0.0110	0.1626	-0.3369	0.3033	0.4725	0.5275
wIR[11, 5, 1]	-0.0259	-0.0253	0.1465	-0.3155	0.2608	0.4310	0.5690
wIR[12, 5, 1]	0.0088	0.0090	0.1482	-0.2808	0.3031	0.5243	0.4757
wIR[13, 5, 1]	-0.0022	-0.0022	0.1465	-0.2902	0.2857	0.4941	0.5059
wIR[14, 5, 1]	0.0173	0.0174	0.1493	-0.2795	0.3104	0.5480	0.4520
wIR[15, 5, 1]	0.0126	0.0123	0.1432	-0.2697	0.2944	0.5347	0.4653
wIR[16, 5, 1]	0.0365	0.0365	0.1489	-0.2550	0.3305	0.5971	0.4029
wIR[17, 5, 1]	0.0004	-0.0006	0.1465	-0.2875	0.2899	0.4986	0.5014
wIR[18, 5, 1]	0.0063	0.0062	0.1467	-0.2837	0.2944	0.5168	0.4832
wIR[19, 5, 1]	-0.0138	-0.0137	0.1478	-0.3033	0.2762	0.4614	0.5386
wIR[20, 5, 1]	-0.0428	-0.0422	0.1482	-0.3347	0.2482	0.3845	0.6155
wIR[21, 5, 1]	-0.0339	-0.0336	0.1459	-0.3194	0.2539	0.4062	0.5938
wIR[22, 5, 1]	-0.0262	-0.0260	0.1449	-0.3134	0.2589	0.4280	0.5720
wIR[23, 5, 1]	0.0006	0.0002	0.1507	-0.2935	0.2976	0.5007	0.4993
wIR[24, 5, 1]	-0.0128	-0.0117	0.1465	-0.3037	0.2726	0.4658	0.5342
wIR[25, 5, 1]	-0.0003	-0.0003	0.1513	-0.2977	0.2969	0.4992	0.5008
wIR[26, 5, 1]	0.0072	0.0072	0.1486	-0.2820	0.3020	0.5191	0.4809
wIR[27, 5, 1]	0.0099	0.0091	0.1476	-0.2785	0.3032	0.5249	0.4751
wIR[28, 5, 1]	-0.0020	-0.0013	0.1460	-0.2897	0.2842	0.4960	0.5040
wIR[29, 5, 1]	0.0259	0.0263	0.1511	-0.2722	0.3227	0.5700	0.4300
wIR[30, 5, 1]	-0.0189	-0.0186	0.1474	-0.3090	0.2708	0.4488	0.5512
wIR[31, 5, 1]	-0.0310	-0.0294	0.1558	-0.3445	0.2736	0.4232	0.5768
wIR[32, 5, 1]	0.0371	0.0369	0.1490	-0.2559	0.3291	0.5988	0.4012
wIR[33, 5, 1]	0.0096	0.0101	0.1440	-0.2743	0.2937	0.5278	0.4722
wIR[34, 5, 1]	0.0532	0.0524	0.1518	-0.2426	0.3573	0.6379	0.3621
wIR[35, 5, 1]	0.0276	0.0264	0.1472	-0.2583	0.3197	0.5735	0.4265
wIR[36, 5, 1]	0.0258	0.0254	0.1454	-0.2593	0.3149	0.5705	0.4295
wIR[37, 5, 1]	0.0037	0.0041	0.1459	-0.2844	0.2903	0.5118	0.4882
wIR[38, 5, 1]	-0.0210	-0.0213	0.1483	-0.3127	0.2722	0.4417	0.5583
wIR[39, 5, 1]	-0.0145	-0.0151	0.1494	-0.3071	0.2817	0.4600	0.5400
wIR[40, 5, 1]	-0.0222	-0.0223	0.1462	-0.3103	0.2652	0.4380	0.5620
wIR[41, 5, 1]	-0.0227	-0.0220	0.1455	-0.3090	0.2644	0.4391	0.5609
wIR[42, 5, 1]	-0.0096	-0.0090	0.1483	-0.3026	0.2814	0.4755	0.5245
wIR[43, 5, 1]	-0.0216	-0.0216	0.1486	-0.3170	0.2703	0.4416	0.5584
wIR[44, 5, 1]	0.0202	0.0195	0.1460	-0.2664	0.3083	0.5546	0.4454
wIR[45, 5, 1]	0.0080	0.0080	0.1527	-0.2926	0.3089	0.5205	0.4795
wIR[46, 5, 1]	0.0056	0.0058	0.1463	-0.2828	0.2962	0.5158	0.4842
wIR[47, 5, 1]	-0.0002	-0.0006	0.1505	-0.2962	0.2972	0.4983	0.5017
wIR[48, 5, 1]	0.0016	0.0008	0.1475	-0.2867	0.2936	0.5024	0.4976
wIR[49, 5, 1]	-0.0196	-0.0201	0.1465	-0.3077	0.2703	0.4444	0.5556
wIR[50, 5, 1]	-0.0018	-0.0018	0.1444	-0.2857	0.2834	0.4944	0.5056
wIR[1, 6, 1]	0.0021	0.0027	0.1442	-0.2818	0.2848	0.5078	0.4922
wIR[2, 6, 1]	0.0038	0.0039	0.1444	-0.2812	0.2872	0.5106	0.4894
wIR[3, 6, 1]	0.0030	0.0029	0.1497	-0.2937	0.2967	0.5080	0.4920
wIR[4, 6, 1]	-0.0088	-0.0089	0.1463	-0.2957	0.2807	0.4761	0.5239
wIR[5, 6, 1]	-0.0198	-0.0197	0.1469	-0.3104	0.2679	0.4458	0.5542
wIR[6, 6, 1]	-0.0111	-0.0100	0.1453	-0.2981	0.2749	0.4724	0.5276
wIR[7, 6, 1]	-0.0050	-0.0050	0.1447	-0.2891	0.2803	0.4860	0.5140
wIR[8, 6, 1]	0.0193	0.0189	0.1471	-0.2697	0.3093	0.5508	0.4492

wIR[9, 6, 1]	0.0024	0.0025	0.1478	-0.2887	0.2933	0.5069	0.4931
wIR[10, 6, 1]	0.0002	-0.0004	0.1628	-0.3155	0.3219	0.4989	0.5011
wIR[11, 6, 1]	0.0106	0.0105	0.1455	-0.2743	0.2974	0.5295	0.4705
wIR[12, 6, 1]	-0.0096	-0.0092	0.1464	-0.2990	0.2781	0.4744	0.5256
wIR[13, 6, 1]	0.0028	0.0024	0.1457	-0.2836	0.2888	0.5068	0.4932
wIR[14, 6, 1]	-0.0088	-0.0093	0.1491	-0.3024	0.2842	0.4746	0.5254
wIR[15, 6, 1]	-0.0042	-0.0041	0.1432	-0.2870	0.2763	0.4890	0.5110
wIR[16, 6, 1]	-0.0175	-0.0168	0.1497	-0.3133	0.2746	0.4539	0.5461
wIR[17, 6, 1]	0.0062	0.0061	0.1464	-0.2811	0.2956	0.5163	0.4837
wIR[18, 6, 1]	-0.0021	-0.0023	0.1460	-0.2894	0.2849	0.4939	0.5061
wIR[19, 6, 1]	0.0056	0.0051	0.1471	-0.2829	0.2961	0.5138	0.4862
wIR[20, 6, 1]	0.0288	0.0287	0.1479	-0.2605	0.3220	0.5782	0.4218
wIR[21, 6, 1]	0.0178	0.0172	0.1456	-0.2679	0.3071	0.5474	0.4526
wIR[22, 6, 1]	0.0144	0.0140	0.1447	-0.2696	0.2997	0.5383	0.4617
wIR[23, 6, 1]	-0.0100	-0.0094	0.1499	-0.3077	0.2827	0.4750	0.5250
wIR[24, 6, 1]	0.0000	0.0007	0.1464	-0.2875	0.2883	0.5019	0.4981
wIR[25, 6, 1]	-0.0001	-0.0004	0.1491	-0.2927	0.2936	0.4990	0.5010
wIR[26, 6, 1]	-0.0074	-0.0072	0.1488	-0.3011	0.2833	0.4804	0.5196
wIR[27, 6, 1]	-0.0078	-0.0075	0.1470	-0.2983	0.2782	0.4793	0.5207
wIR[28, 6, 1]	-0.0045	-0.0044	0.1462	-0.2914	0.2825	0.4873	0.5127
wIR[29, 6, 1]	-0.0249	-0.0248	0.1509	-0.3235	0.2728	0.4349	0.5651
wIR[30, 6, 1]	0.0092	0.0098	0.1470	-0.2801	0.2975	0.5266	0.4734
wIR[31, 6, 1]	0.0180	0.0171	0.1543	-0.2836	0.3229	0.5441	0.4559
wIR[32, 6, 1]	-0.0206	-0.0201	0.1499	-0.3145	0.2742	0.4457	0.5543
wIR[33, 6, 1]	-0.0064	-0.0060	0.1438	-0.2911	0.2760	0.4835	0.5165
wIR[34, 6, 1]	-0.0286	-0.0281	0.1514	-0.3292	0.2682	0.4256	0.5744
wIR[35, 6, 1]	-0.0116	-0.0113	0.1460	-0.2998	0.2748	0.4683	0.5317
wIR[36, 6, 1]	-0.0108	-0.0106	0.1450	-0.2961	0.2735	0.4700	0.5300
wIR[37, 6, 1]	0.0032	0.0033	0.1455	-0.2824	0.2913	0.5088	0.4912
wIR[38, 6, 1]	0.0191	0.0187	0.1481	-0.2706	0.3096	0.5499	0.4501
wIR[39, 6, 1]	0.0064	0.0071	0.1487	-0.2855	0.3002	0.5195	0.4805
wIR[40, 6, 1]	0.0118	0.0119	0.1449	-0.2731	0.2964	0.5328	0.4672
wIR[41, 6, 1]	0.0108	0.0112	0.1442	-0.2738	0.2948	0.5308	0.4692
wIR[42, 6, 1]	0.0011	0.0014	0.1488	-0.2906	0.2933	0.5046	0.4954
wIR[43, 6, 1]	0.0058	0.0063	0.1492	-0.2852	0.3021	0.5169	0.4831
wIR[44, 6, 1]	-0.0172	-0.0160	0.1460	-0.3065	0.2675	0.4548	0.5452
wIR[45, 6, 1]	-0.0057	-0.0059	0.1538	-0.3091	0.2962	0.4839	0.5161
wIR[46, 6, 1]	-0.0105	-0.0108	0.1449	-0.2973	0.2742	0.4683	0.5317
wIR[47, 6, 1]	0.0001	0.0003	0.1484	-0.2907	0.2935	0.5008	0.4992
wIR[48, 6, 1]	-0.0030	-0.0028	0.1466	-0.2929	0.2832	0.4918	0.5082
wIR[49, 6, 1]	0.0095	0.0099	0.1459	-0.2798	0.2961	0.5277	0.4723
wIR[50, 6, 1]	-0.0008	-0.0006	0.1435	-0.2839	0.2817	0.4984	0.5016
wIR[1, 1, 2]	0.0007	0.0006	0.1434	-0.2809	0.2848	0.5018	0.4982
wIR[2, 1, 2]	-0.0059	-0.0062	0.1482	-0.2966	0.2879	0.4831	0.5169
wIR[3, 1, 2]	-0.0120	-0.0107	0.1472	-0.3025	0.2764	0.4692	0.5308
wIR[4, 1, 2]	-0.0511	-0.0502	0.1468	-0.3432	0.2351	0.3636	0.6364
wIR[5, 1, 2]	-0.0159	-0.0155	0.1472	-0.3078	0.2752	0.4574	0.5426
wIR[6, 1, 2]	-0.0228	-0.0218	0.1476	-0.3159	0.2662	0.4398	0.5602
wIR[7, 1, 2]	-0.0145	-0.0142	0.1443	-0.2981	0.2682	0.4597	0.5403
wIR[8, 1, 2]	-0.0058	-0.0056	0.1428	-0.2876	0.2749	0.4840	0.5160

wIR[9, 1, 2]	-0.0023	-0.0025	0.1464	-0.2933	0.2847	0.4931	0.5069
wIR[10, 1, 2]	0.0058	0.0050	0.1485	-0.2856	0.2995	0.5134	0.4866
wIR[11, 1, 2]	-0.0069	-0.0072	0.1432	-0.2894	0.2745	0.4791	0.5209
wIR[12, 1, 2]	-0.0141	-0.0139	0.1443	-0.2994	0.2700	0.4607	0.5393
wIR[13, 1, 2]	-0.0139	-0.0135	0.1423	-0.2945	0.2644	0.4614	0.5386
wIR[14, 1, 2]	0.0057	0.0054	0.1477	-0.2849	0.2979	0.5145	0.4855
wIR[15, 1, 2]	0.0004	0.0001	0.1428	-0.2795	0.2836	0.5002	0.4998
wIR[16, 1, 2]	-0.0335	-0.0320	0.1450	-0.3219	0.2479	0.4108	0.5892
wIR[17, 1, 2]	0.0302	0.0293	0.1457	-0.2535	0.3201	0.5819	0.4181
wIR[18, 1, 2]	-0.0453	-0.0438	0.1531	-0.3490	0.2548	0.3843	0.6157
wIR[19, 1, 2]	-0.0055	-0.0052	0.1436	-0.2881	0.2773	0.4853	0.5147
wIR[20, 1, 2]	0.0025	0.0028	0.1477	-0.2896	0.2922	0.5080	0.4920
wIR[21, 1, 2]	-0.0044	-0.0044	0.1432	-0.2857	0.2783	0.4872	0.5128
wIR[22, 1, 2]	-0.0133	-0.0130	0.1471	-0.3040	0.2755	0.4640	0.5360
wIR[23, 1, 2]	-0.0214	-0.0211	0.1474	-0.3152	0.2668	0.4422	0.5578
wIR[24, 1, 2]	0.0110	0.0106	0.1495	-0.2835	0.3042	0.5293	0.4707
wIR[25, 1, 2]	0.0000	0.0000	0.1498	-0.2937	0.2939	0.5000	0.5000
wIR[26, 1, 2]	-0.0343	-0.0332	0.1443	-0.3195	0.2459	0.4062	0.5938
wIR[27, 1, 2]	-0.0326	-0.0324	0.1445	-0.3199	0.2513	0.4122	0.5878
wIR[28, 1, 2]	0.0163	0.0160	0.1425	-0.2623	0.2978	0.5438	0.4562
wIR[29, 1, 2]	-0.0292	-0.0285	0.1472	-0.3191	0.2587	0.4208	0.5792
wIR[30, 1, 2]	0.0388	0.0380	0.1432	-0.2418	0.3234	0.6061	0.3939
wIR[31, 1, 2]	-0.0105	-0.0103	0.1489	-0.3042	0.2832	0.4721	0.5279
wIR[32, 1, 2]	-0.0356	-0.0353	0.1458	-0.3248	0.2495	0.4032	0.5968
wIR[33, 1, 2]	0.0030	0.0029	0.1435	-0.2799	0.2849	0.5078	0.4922
wIR[34, 1, 2]	-0.0312	-0.0308	0.1479	-0.3223	0.2601	0.4159	0.5841
wIR[35, 1, 2]	-0.0136	-0.0137	0.1456	-0.3014	0.2719	0.4628	0.5372
wIR[36, 1, 2]	-0.0204	-0.0199	0.1467	-0.3084	0.2676	0.4446	0.5554
wIR[37, 1, 2]	-0.0149	-0.0144	0.1504	-0.3098	0.2807	0.4607	0.5393
wIR[38, 1, 2]	-0.0219	-0.0213	0.1468	-0.3121	0.2668	0.4409	0.5591
wIR[39, 1, 2]	0.0038	0.0043	0.1415	-0.2749	0.2822	0.5128	0.4872
wIR[40, 1, 2]	-0.0138	-0.0132	0.1420	-0.2950	0.2639	0.4632	0.5368
wIR[41, 1, 2]	-0.0082	-0.0089	0.1443	-0.2916	0.2766	0.4759	0.5241
wIR[42, 1, 2]	0.0045	0.0041	0.1574	-0.3066	0.3124	0.5102	0.4898
wIR[43, 1, 2]	0.0143	0.0146	0.1435	-0.2658	0.2972	0.5411	0.4589
wIR[44, 1, 2]	-0.0178	-0.0178	0.1428	-0.3004	0.2618	0.4493	0.5507
wIR[45, 1, 2]	0.0077	0.0080	0.1450	-0.2772	0.2943	0.5226	0.4774
wIR[46, 1, 2]	-0.0031	-0.0029	0.1455	-0.2907	0.2824	0.4920	0.5080
wIR[47, 1, 2]	-0.0002	-0.0001	0.1494	-0.2954	0.2926	0.4998	0.5002
wIR[48, 1, 2]	-0.0051	-0.0040	0.1441	-0.2907	0.2761	0.4885	0.5115
wIR[49, 1, 2]	0.0357	0.0347	0.1474	-0.2507	0.3307	0.5944	0.4056
wIR[50, 1, 2]	0.0011	0.0006	0.1440	-0.2815	0.2836	0.5017	0.4983
wIR[1, 2, 2]	-0.0032	-0.0038	0.1446	-0.2868	0.2817	0.4891	0.5109
wIR[2, 2, 2]	-0.0179	-0.0187	0.1490	-0.3099	0.2763	0.4515	0.5485
wIR[3, 2, 2]	0.0437	0.0424	0.1486	-0.2461	0.3385	0.6151	0.3849
wIR[4, 2, 2]	-0.0204	-0.0195	0.1475	-0.3118	0.2671	0.4471	0.5529
wIR[5, 2, 2]	-0.0050	-0.0052	0.1473	-0.2939	0.2848	0.4856	0.5144
wIR[6, 2, 2]	-0.0112	-0.0110	0.1488	-0.3039	0.2815	0.4710	0.5290
wIR[7, 2, 2]	-0.0044	-0.0045	0.1453	-0.2914	0.2814	0.4872	0.5128
wIR[8, 2, 2]	0.0080	0.0082	0.1447	-0.2758	0.2933	0.5230	0.4770

wIR[9, 2, 2]	-0.0108	-0.0106	0.1478	-0.2983	0.2806	0.4711	0.5289	
wIR[10, 2, 2]	-0.0709	-0.0692	0.1505	-0.3706	0.2212	0.3191	0.6809	*
wIR[11, 2, 2]	0.0058	0.0049	0.1439	-0.2751	0.2901	0.5144	0.4856	
wIR[12, 2, 2]	0.0028	0.0027	0.1453	-0.2833	0.2879	0.5075	0.4925	
wIR[13, 2, 2]	-0.0302	-0.0297	0.1440	-0.3165	0.2517	0.4162	0.5838	
wIR[14, 2, 2]	-0.0590	-0.0586	0.1494	-0.3548	0.2328	0.3466	0.6534	*
wIR[15, 2, 2]	-0.0176	-0.0181	0.1441	-0.3004	0.2664	0.4501	0.5499	
wIR[16, 2, 2]	-0.0288	-0.0280	0.1469	-0.3198	0.2561	0.4221	0.5779	
wIR[17, 2, 2]	0.0020	0.0018	0.1461	-0.2855	0.2906	0.5049	0.4951	
wIR[18, 2, 2]	-0.0165	-0.0168	0.1535	-0.3199	0.2827	0.4559	0.5441	
wIR[19, 2, 2]	-0.0006	0.0001	0.1447	-0.2881	0.2836	0.5003	0.4997	
wIR[20, 2, 2]	0.0126	0.0121	0.1490	-0.2815	0.3065	0.5334	0.4666	
wIR[21, 2, 2]	0.0100	0.0093	0.1438	-0.2713	0.2951	0.5265	0.4735	
wIR[22, 2, 2]	0.0295	0.0291	0.1481	-0.2592	0.3228	0.5781	0.4219	
wIR[23, 2, 2]	0.0328	0.0320	0.1489	-0.2583	0.3294	0.5864	0.4136	
wIR[24, 2, 2]	-0.0081	-0.0073	0.1508	-0.3039	0.2882	0.4805	0.5195	
wIR[25, 2, 2]	-0.0009	-0.0005	0.1505	-0.2961	0.2938	0.4984	0.5016	
wIR[26, 2, 2]	0.0434	0.0419	0.1458	-0.2395	0.3336	0.6159	0.3841	
wIR[27, 2, 2]	0.0294	0.0288	0.1457	-0.2581	0.3166	0.5793	0.4207	
wIR[28, 2, 2]	0.0011	0.0015	0.1439	-0.2821	0.2839	0.5044	0.4956	
wIR[29, 2, 2]	-0.0098	-0.0091	0.1477	-0.3019	0.2800	0.4748	0.5252	
wIR[30, 2, 2]	0.0042	0.0044	0.1428	-0.2775	0.2852	0.5130	0.4870	
wIR[31, 2, 2]	-0.0603	-0.0594	0.1496	-0.3568	0.2312	0.3423	0.6577	*
wIR[32, 2, 2]	-0.0396	-0.0385	0.1469	-0.3295	0.2471	0.3955	0.6045	
wIR[33, 2, 2]	-0.0199	-0.0191	0.1445	-0.3046	0.2634	0.4457	0.5543	
wIR[34, 2, 2]	0.0075	0.0073	0.1490	-0.2837	0.3034	0.5208	0.4792	
wIR[35, 2, 2]	-0.0047	-0.0044	0.1475	-0.2968	0.2838	0.4880	0.5120	
wIR[36, 2, 2]	-0.0212	-0.0210	0.1486	-0.3138	0.2720	0.4421	0.5579	
wIR[37, 2, 2]	-0.0123	-0.0115	0.1514	-0.3120	0.2835	0.4690	0.5310	
wIR[38, 2, 2]	0.0185	0.0187	0.1468	-0.2698	0.3062	0.5510	0.4490	
wIR[39, 2, 2]	0.0492	0.0484	0.1436	-0.2292	0.3348	0.6328	0.3672	
wIR[40, 2, 2]	0.0047	0.0046	0.1433	-0.2778	0.2882	0.5126	0.4874	
wIR[41, 2, 2]	0.0105	0.0097	0.1445	-0.2732	0.2956	0.5280	0.4720	
wIR[42, 2, 2]	0.0518	0.0495	0.1601	-0.2588	0.3719	0.6242	0.3758	
wIR[43, 2, 2]	-0.0304	-0.0299	0.1443	-0.3156	0.2511	0.4169	0.5831	
wIR[44, 2, 2]	0.0153	0.0144	0.1437	-0.2653	0.3007	0.5398	0.4602	
wIR[45, 2, 2]	0.0665	0.0648	0.1463	-0.2190	0.3577	0.6765	0.3235	*
wIR[46, 2, 2]	-0.0175	-0.0168	0.1455	-0.3062	0.2675	0.4522	0.5478	
wIR[47, 2, 2]	0.0001	0.0006	0.1506	-0.2978	0.2958	0.5018	0.4982	
wIR[48, 2, 2]	0.0369	0.0367	0.1455	-0.2487	0.3257	0.5993	0.4007	
wIR[49, 2, 2]	0.0072	0.0067	0.1480	-0.2807	0.2986	0.5187	0.4813	
wIR[50, 2, 2]	-0.0134	-0.0131	0.1458	-0.3002	0.2721	0.4636	0.5364	
wIR[1, 3, 2]	0.0194	0.0185	0.1448	-0.2668	0.3053	0.5523	0.4477	
wIR[2, 3, 2]	0.0206	0.0203	0.1500	-0.2724	0.3157	0.5558	0.4442	
wIR[3, 3, 2]	-0.0024	-0.0027	0.1482	-0.2935	0.2897	0.4927	0.5073	
wIR[4, 3, 2]	-0.0048	-0.0047	0.1475	-0.2961	0.2853	0.4876	0.5124	
wIR[5, 3, 2]	0.0099	0.0108	0.1486	-0.2815	0.3019	0.5285	0.4715	
wIR[6, 3, 2]	0.0172	0.0165	0.1495	-0.2756	0.3140	0.5457	0.4543	
wIR[7, 3, 2]	-0.0001	-0.0006	0.1459	-0.2850	0.2856	0.4984	0.5016	
wIR[8, 3, 2]	0.0075	0.0071	0.1442	-0.2731	0.2949	0.5203	0.4797	

wIR[9, 3, 2]	-0.0263	-0.0253	0.1489	-0.3223	0.2645	0.4321	0.5679
wIR[10, 3, 2]	0.0053	0.0052	0.1504	-0.2893	0.3002	0.5137	0.4863
wIR[11, 3, 2]	-0.0049	-0.0046	0.1438	-0.2861	0.2785	0.4864	0.5136
wIR[12, 3, 2]	0.0028	0.0026	0.1457	-0.2849	0.2896	0.5070	0.4930
wIR[13, 3, 2]	0.0132	0.0134	0.1438	-0.2673	0.2989	0.5376	0.4624
wIR[14, 3, 2]	0.0201	0.0194	0.1490	-0.2738	0.3164	0.5538	0.4462
wIR[15, 3, 2]	0.0143	0.0135	0.1439	-0.2676	0.2994	0.5370	0.4630
wIR[16, 3, 2]	0.0181	0.0186	0.1466	-0.2706	0.3071	0.5522	0.4478
wIR[17, 3, 2]	0.0188	0.0183	0.1468	-0.2697	0.3080	0.5502	0.4498
wIR[18, 3, 2]	0.0101	0.0101	0.1537	-0.2917	0.3117	0.5266	0.4734
wIR[19, 3, 2]	0.0101	0.0094	0.1443	-0.2708	0.2956	0.5271	0.4729
wIR[20, 3, 2]	0.0045	0.0052	0.1485	-0.2877	0.2963	0.5133	0.4867
wIR[21, 3, 2]	-0.0132	-0.0124	0.1436	-0.2971	0.2700	0.4646	0.5354
wIR[22, 3, 2]	-0.0134	-0.0132	0.1478	-0.3041	0.2768	0.4647	0.5353
wIR[23, 3, 2]	-0.0299	-0.0296	0.1493	-0.3273	0.2610	0.4200	0.5800
wIR[24, 3, 2]	-0.0088	-0.0088	0.1512	-0.3071	0.2882	0.4760	0.5240
wIR[25, 3, 2]	0.0003	0.0000	0.1486	-0.2902	0.2940	0.4999	0.5001
wIR[26, 3, 2]	-0.0154	-0.0152	0.1455	-0.3045	0.2686	0.4576	0.5424
wIR[27, 3, 2]	0.0003	0.0004	0.1454	-0.2857	0.2861	0.5009	0.4991
wIR[28, 3, 2]	-0.0242	-0.0235	0.1432	-0.3073	0.2550	0.4339	0.5661
wIR[29, 3, 2]	-0.0258	-0.0251	0.1480	-0.3188	0.2647	0.4319	0.5681
wIR[30, 3, 2]	0.0055	0.0051	0.1432	-0.2755	0.2878	0.5144	0.4856
wIR[31, 3, 2]	0.0036	0.0038	0.1504	-0.2918	0.2976	0.5095	0.4905
wIR[32, 3, 2]	0.0210	0.0198	0.1465	-0.2646	0.3093	0.5556	0.4444
wIR[33, 3, 2]	-0.0015	-0.0009	0.1442	-0.2876	0.2812	0.4976	0.5024
wIR[34, 3, 2]	0.0094	0.0097	0.1484	-0.2825	0.3003	0.5266	0.4734
wIR[35, 3, 2]	0.0216	0.0209	0.1481	-0.2698	0.3143	0.5579	0.4421
wIR[36, 3, 2]	0.0171	0.0161	0.1481	-0.2728	0.3093	0.5439	0.4561
wIR[37, 3, 2]	0.0073	0.0068	0.1514	-0.2908	0.3061	0.5181	0.4819
wIR[38, 3, 2]	0.0114	0.0112	0.1472	-0.2771	0.3020	0.5304	0.4696
wIR[39, 3, 2]	-0.0201	-0.0199	0.1429	-0.3027	0.2613	0.4446	0.5554
wIR[40, 3, 2]	0.0072	0.0070	0.1440	-0.2772	0.2899	0.5196	0.4804
wIR[41, 3, 2]	-0.0105	-0.0106	0.1443	-0.2955	0.2717	0.4708	0.5292
wIR[42, 3, 2]	-0.0513	-0.0495	0.1591	-0.3685	0.2572	0.3755	0.6245
wIR[43, 3, 2]	0.0102	0.0101	0.1447	-0.2745	0.2953	0.5294	0.4706
wIR[44, 3, 2]	-0.0065	-0.0066	0.1434	-0.2889	0.2749	0.4804	0.5196
wIR[45, 3, 2]	-0.0543	-0.0536	0.1468	-0.3465	0.2317	0.3559	0.6441
wIR[46, 3, 2]	-0.0003	0.0000	0.1451	-0.2863	0.2829	0.5000	0.5000
wIR[47, 3, 2]	0.0008	0.0006	0.1490	-0.2935	0.2929	0.5017	0.4983
wIR[48, 3, 2]	-0.0071	-0.0070	0.1448	-0.2929	0.2776	0.4803	0.5197
wIR[49, 3, 2]	0.0186	0.0179	0.1479	-0.2718	0.3094	0.5495	0.4505
wIR[50, 3, 2]	0.0156	0.0159	0.1450	-0.2691	0.3012	0.5442	0.4558
wIR[1, 4, 2]	-0.0358	-0.0350	0.1441	-0.3223	0.2469	0.4015	0.5985
wIR[2, 4, 2]	-0.0398	-0.0395	0.1490	-0.3336	0.2507	0.3949	0.6051
wIR[3, 4, 2]	-0.0227	-0.0220	0.1485	-0.3171	0.2693	0.4395	0.5605
wIR[4, 4, 2]	-0.0055	-0.0054	0.1460	-0.2939	0.2817	0.4849	0.5151
wIR[5, 4, 2]	-0.0039	-0.0044	0.1478	-0.2932	0.2879	0.4885	0.5115
wIR[6, 4, 2]	-0.0238	-0.0233	0.1483	-0.3164	0.2689	0.4375	0.5625
wIR[7, 4, 2]	0.0103	0.0097	0.1450	-0.2751	0.2935	0.5272	0.4728
wIR[8, 4, 2]	0.0019	0.0018	0.1427	-0.2794	0.2837	0.5046	0.4954

wIR[9, 4, 2]	-0.0411	-0.0402	0.1476	-0.3336	0.2475	0.3899	0.6101	
wIR[10, 4, 2]	0.0126	0.0118	0.1493	-0.2828	0.3055	0.5324	0.4676	
wIR[11, 4, 2]	0.0159	0.0162	0.1440	-0.2672	0.2985	0.5449	0.4551	
wIR[12, 4, 2]	0.0338	0.0333	0.1449	-0.2507	0.3201	0.5926	0.4074	
wIR[13, 4, 2]	-0.0146	-0.0141	0.1431	-0.2974	0.2651	0.4592	0.5408	
wIR[14, 4, 2]	-0.0231	-0.0217	0.1484	-0.3159	0.2656	0.4413	0.5587	
wIR[15, 4, 2]	-0.0061	-0.0057	0.1436	-0.2890	0.2748	0.4836	0.5164	
wIR[16, 4, 2]	0.0186	0.0187	0.1460	-0.2674	0.3058	0.5518	0.4482	
wIR[17, 4, 2]	-0.0269	-0.0269	0.1458	-0.3150	0.2584	0.4259	0.5741	
wIR[18, 4, 2]	0.0074	0.0072	0.1532	-0.2939	0.3088	0.5192	0.4808	
wIR[19, 4, 2]	0.0309	0.0309	0.1450	-0.2533	0.3180	0.5856	0.4144	
wIR[20, 4, 2]	-0.0202	-0.0201	0.1484	-0.3119	0.2723	0.4454	0.5546	
wIR[21, 4, 2]	-0.0219	-0.0221	0.1430	-0.3026	0.2589	0.4386	0.5614	
wIR[22, 4, 2]	0.0043	0.0046	0.1472	-0.2869	0.2940	0.5128	0.4872	
wIR[23, 4, 2]	0.0664	0.0655	0.1483	-0.2225	0.3617	0.6734	0.3266	*
wIR[24, 4, 2]	0.0487	0.0487	0.1507	-0.2458	0.3451	0.6272	0.3728	
wIR[25, 4, 2]	-0.0004	-0.0002	0.1491	-0.2935	0.2943	0.4994	0.5006	
wIR[26, 4, 2]	0.0194	0.0185	0.1452	-0.2637	0.3055	0.5516	0.4484	
wIR[27, 4, 2]	0.0329	0.0317	0.1442	-0.2481	0.3174	0.5894	0.4106	
wIR[28, 4, 2]	0.0009	0.0011	0.1434	-0.2805	0.2836	0.5030	0.4970	
wIR[29, 4, 2]	0.0115	0.0112	0.1476	-0.2781	0.3039	0.5304	0.4696	
wIR[30, 4, 2]	0.0055	0.0057	0.1429	-0.2753	0.2874	0.5160	0.4840	
wIR[31, 4, 2]	-0.0522	-0.0515	0.1496	-0.3490	0.2383	0.3635	0.6365	
wIR[32, 4, 2]	-0.0012	-0.0013	0.1462	-0.2881	0.2869	0.4967	0.5033	
wIR[33, 4, 2]	0.0054	0.0057	0.1429	-0.2755	0.2850	0.5156	0.4844	
wIR[34, 4, 2]	-0.0087	-0.0086	0.1491	-0.3018	0.2847	0.4767	0.5233	
wIR[35, 4, 2]	0.0220	0.0223	0.1470	-0.2686	0.3108	0.5616	0.4384	
wIR[36, 4, 2]	-0.0224	-0.0222	0.1475	-0.3133	0.2672	0.4393	0.5607	
wIR[37, 4, 2]	-0.0573	-0.0558	0.1508	-0.3584	0.2357	0.3507	0.6493	
wIR[38, 4, 2]	-0.0440	-0.0430	0.1470	-0.3343	0.2426	0.3843	0.6157	
wIR[39, 4, 2]	0.0106	0.0106	0.1418	-0.2687	0.2900	0.5301	0.4699	
wIR[40, 4, 2]	0.0152	0.0153	0.1428	-0.2649	0.2978	0.5429	0.4571	
wIR[41, 4, 2]	-0.0001	0.0002	0.1440	-0.2842	0.2826	0.5007	0.4993	
wIR[42, 4, 2]	-0.0100	-0.0098	0.1584	-0.3230	0.3005	0.4754	0.5246	
wIR[43, 4, 2]	0.0242	0.0236	0.1437	-0.2564	0.3099	0.5660	0.4340	
wIR[44, 4, 2]	0.0474	0.0467	0.1429	-0.2304	0.3299	0.6290	0.3710	
wIR[45, 4, 2]	-0.0182	-0.0180	0.1460	-0.3058	0.2671	0.4490	0.5510	
wIR[46, 4, 2]	0.0288	0.0281	0.1458	-0.2558	0.3185	0.5783	0.4217	
wIR[47, 4, 2]	0.0002	0.0007	0.1495	-0.2930	0.2937	0.5018	0.4982	
wIR[48, 4, 2]	0.0415	0.0403	0.1446	-0.2396	0.3261	0.6117	0.3883	
wIR[49, 4, 2]	-0.0145	-0.0144	0.1478	-0.3069	0.2755	0.4615	0.5385	
wIR[50, 4, 2]	-0.0022	-0.0026	0.1453	-0.2881	0.2845	0.4930	0.5070	
wIR[1, 5, 2]	0.0241	0.0233	0.1424	-0.2549	0.3061	0.5648	0.4352	
wIR[2, 5, 2]	0.0502	0.0499	0.1467	-0.2375	0.3392	0.6350	0.3650	
wIR[3, 5, 2]	-0.0291	-0.0284	0.1476	-0.3217	0.2602	0.4221	0.5779	
wIR[4, 5, 2]	0.0105	0.0105	0.1442	-0.2744	0.2954	0.5294	0.4706	
wIR[5, 5, 2]	0.0625	0.0618	0.1452	-0.2225	0.3507	0.6678	0.3322	*
wIR[6, 5, 2]	0.0468	0.0456	0.1452	-0.2345	0.3348	0.6244	0.3756	
wIR[7, 5, 2]	-0.0047	-0.0038	0.1431	-0.2875	0.2740	0.4894	0.5106	
wIR[8, 5, 2]	-0.0520	-0.0514	0.1410	-0.3318	0.2217	0.3560	0.6440	

wIR[9, 5, 2]	0.0132	0.0132	0.1441	-0.2680	0.2978	0.5366	0.4634	
wIR[10, 5, 2]	0.0369	0.0349	0.1466	-0.2465	0.3288	0.5964	0.4036	
wIR[11, 5, 2]	-0.0226	-0.0213	0.1413	-0.3022	0.2519	0.4394	0.5606	
wIR[12, 5, 2]	0.0036	0.0035	0.1421	-0.2755	0.2837	0.5101	0.4899	
wIR[13, 5, 2]	0.0409	0.0402	0.1409	-0.2362	0.3193	0.6152	0.3848	
wIR[14, 5, 2]	0.0962	0.0948	0.1460	-0.1868	0.3873	0.7465	0.2535	*
wIR[15, 5, 2]	0.0498	0.0489	0.1408	-0.2257	0.3288	0.6373	0.3627	
wIR[16, 5, 2]	0.0691	0.0677	0.1434	-0.2066	0.3555	0.6846	0.3154	*
wIR[17, 5, 2]	0.0349	0.0344	0.1437	-0.2456	0.3190	0.5954	0.4046	
wIR[18, 5, 2]	-0.0091	-0.0081	0.1489	-0.3045	0.2822	0.4776	0.5224	
wIR[19, 5, 2]	-0.0360	-0.0353	0.1414	-0.3176	0.2414	0.3998	0.6002	
wIR[20, 5, 2]	-0.0862	-0.0853	0.1459	-0.3798	0.1960	0.2772	0.7228	*
wIR[21, 5, 2]	-0.0449	-0.0439	0.1414	-0.3276	0.2300	0.3761	0.6239	
wIR[22, 5, 2]	-0.0836	-0.0821	0.1444	-0.3723	0.1978	0.2786	0.7214	*
wIR[23, 5, 2]	-0.0613	-0.0603	0.1452	-0.3508	0.2189	0.3365	0.6635	*
wIR[24, 5, 2]	0.0011	0.0014	0.1474	-0.2909	0.2878	0.5043	0.4957	
wIR[25, 5, 2]	0.0004	0.0004	0.1504	-0.2948	0.2952	0.5012	0.4988	
wIR[26, 5, 2]	-0.0564	-0.0552	0.1423	-0.3400	0.2209	0.3466	0.6534	*
wIR[27, 5, 2]	-0.0528	-0.0519	0.1425	-0.3367	0.2264	0.3555	0.6445	
wIR[28, 5, 2]	0.0204	0.0200	0.1407	-0.2560	0.2979	0.5579	0.4421	
wIR[29, 5, 2]	0.0448	0.0443	0.1449	-0.2365	0.3309	0.6204	0.3796	
wIR[30, 5, 2]	-0.0170	-0.0171	0.1408	-0.2936	0.2607	0.4502	0.5498	
wIR[31, 5, 2]	0.0275	0.0269	0.1477	-0.2593	0.3210	0.5746	0.4254	
wIR[32, 5, 2]	0.0791	0.0784	0.1433	-0.1974	0.3651	0.7097	0.2903	*
wIR[33, 5, 2]	0.0474	0.0466	0.1420	-0.2308	0.3303	0.6306	0.3694	
wIR[34, 5, 2]	0.0755	0.0744	0.1462	-0.2090	0.3664	0.6964	0.3036	*
wIR[35, 5, 2]	0.0296	0.0289	0.1435	-0.2514	0.3144	0.5813	0.4187	
wIR[36, 5, 2]	0.0303	0.0298	0.1451	-0.2504	0.3187	0.5810	0.4190	
wIR[37, 5, 2]	0.0450	0.0446	0.1485	-0.2446	0.3384	0.6198	0.3802	
wIR[38, 5, 2]	-0.0452	-0.0443	0.1434	-0.3290	0.2348	0.3760	0.6240	
wIR[39, 5, 2]	-0.0553	-0.0547	0.1399	-0.3322	0.2184	0.3461	0.6539	*
wIR[40, 5, 2]	-0.0383	-0.0373	0.1398	-0.3174	0.2346	0.3927	0.6073	
wIR[41, 5, 2]	-0.0419	-0.0421	0.1417	-0.3232	0.2348	0.3823	0.6177	
wIR[42, 5, 2]	-0.0182	-0.0172	0.1539	-0.3225	0.2811	0.4554	0.5446	
wIR[43, 5, 2]	0.0201	0.0199	0.1416	-0.2571	0.2982	0.5566	0.4434	
wIR[44, 5, 2]	-0.0178	-0.0178	0.1406	-0.2951	0.2579	0.4490	0.5510	
wIR[45, 5, 2]	-0.0192	-0.0190	0.1431	-0.2993	0.2624	0.4466	0.5534	
wIR[46, 5, 2]	0.0231	0.0231	0.1429	-0.2575	0.3043	0.5651	0.4349	
wIR[47, 5, 2]	0.0002	0.0007	0.1504	-0.2973	0.2959	0.5021	0.4979	
wIR[48, 5, 2]	-0.0486	-0.0484	0.1424	-0.3308	0.2287	0.3655	0.6345	
wIR[49, 5, 2]	-0.0003	0.0004	0.1450	-0.2871	0.2834	0.5010	0.4990	
wIR[50, 5, 2]	0.0125	0.0124	0.1422	-0.2674	0.2932	0.5343	0.4657	
wIR[1, 6, 2]	-0.0189	-0.0187	0.1428	-0.3010	0.2605	0.4493	0.5507	
wIR[2, 6, 2]	-0.0374	-0.0370	0.1486	-0.3300	0.2544	0.4001	0.5999	
wIR[3, 6, 2]	-0.0063	-0.0065	0.1470	-0.2945	0.2842	0.4821	0.5179	
wIR[4, 6, 2]	-0.0138	-0.0135	0.1454	-0.2975	0.2732	0.4618	0.5382	
wIR[5, 6, 2]	-0.0531	-0.0523	0.1469	-0.3427	0.2340	0.3590	0.6410	
wIR[6, 6, 2]	-0.0314	-0.0309	0.1469	-0.3212	0.2573	0.4146	0.5854	
wIR[7, 6, 2]	0.0077	0.0078	0.1434	-0.2739	0.2896	0.5223	0.4777	
wIR[8, 6, 2]	0.0156	0.0151	0.1425	-0.2657	0.2979	0.5437	0.4563	

wIR[9, 6, 2]	0.0027	0.0024	0.1464	-0.2851	0.2920	0.5069	0.4931	
wIR[10, 6, 2]	0.0081	0.0083	0.1488	-0.2853	0.3000	0.5225	0.4775	
wIR[11, 6, 2]	0.0007	0.0007	0.1428	-0.2798	0.2818	0.5023	0.4977	
wIR[12, 6, 2]	0.0151	0.0144	0.1442	-0.2675	0.3005	0.5415	0.4585	
wIR[13, 6, 2]	-0.0328	-0.0324	0.1416	-0.3123	0.2452	0.4083	0.5917	
wIR[14, 6, 2]	-0.0331	-0.0327	0.1471	-0.3230	0.2561	0.4100	0.5900	
wIR[15, 6, 2]	-0.0277	-0.0267	0.1424	-0.3086	0.2508	0.4248	0.5752	
wIR[16, 6, 2]	-0.0518	-0.0508	0.1459	-0.3407	0.2329	0.3620	0.6380	
wIR[17, 6, 2]	-0.0388	-0.0374	0.1446	-0.3272	0.2416	0.3966	0.6034	
wIR[18, 6, 2]	-0.0067	-0.0071	0.1521	-0.3040	0.2928	0.4807	0.5193	
wIR[19, 6, 2]	0.0065	0.0066	0.1432	-0.2756	0.2883	0.5179	0.4821	
wIR[20, 6, 2]	0.0346	0.0337	0.1473	-0.2531	0.3255	0.5912	0.4088	
wIR[21, 6, 2]	0.0167	0.0155	0.1424	-0.2607	0.2994	0.5446	0.4554	
wIR[22, 6, 2]	0.0426	0.0414	0.1466	-0.2429	0.3335	0.6126	0.3874	
wIR[23, 6, 2]	0.0274	0.0268	0.1468	-0.2595	0.3179	0.5728	0.4272	
wIR[24, 6, 2]	-0.0011	-0.0012	0.1489	-0.2931	0.2928	0.4962	0.5038	
wIR[25, 6, 2]	0.0003	0.0003	0.1481	-0.2923	0.2911	0.5006	0.4994	
wIR[26, 6, 2]	0.0299	0.0295	0.1439	-0.2519	0.3132	0.5824	0.4176	
wIR[27, 6, 2]	0.0307	0.0308	0.1439	-0.2504	0.3159	0.5863	0.4137	
wIR[28, 6, 2]	0.0037	0.0038	0.1425	-0.2775	0.2848	0.5106	0.4894	
wIR[29, 6, 2]	-0.0013	-0.0020	0.1456	-0.2875	0.2871	0.4946	0.5054	
wIR[30, 6, 2]	0.0180	0.0181	0.1419	-0.2614	0.2973	0.5509	0.4491	
wIR[31, 6, 2]	-0.0312	-0.0305	0.1481	-0.3259	0.2569	0.4176	0.5824	
wIR[32, 6, 2]	-0.0523	-0.0512	0.1451	-0.3405	0.2307	0.3592	0.6408	
wIR[33, 6, 2]	-0.0236	-0.0231	0.1432	-0.3064	0.2577	0.4345	0.5655	
wIR[34, 6, 2]	-0.0331	-0.0326	0.1469	-0.3232	0.2555	0.4120	0.5880	
wIR[35, 6, 2]	-0.0301	-0.0298	0.1454	-0.3182	0.2557	0.4174	0.5826	
wIR[36, 6, 2]	-0.0056	-0.0060	0.1467	-0.2952	0.2813	0.4833	0.5167	
wIR[37, 6, 2]	-0.0332	-0.0320	0.1492	-0.3272	0.2589	0.4136	0.5864	
wIR[38, 6, 2]	0.0218	0.0219	0.1456	-0.2635	0.3085	0.5602	0.4398	
wIR[39, 6, 2]	0.0181	0.0182	0.1414	-0.2591	0.2974	0.5524	0.4476	
wIR[40, 6, 2]	0.0048	0.0044	0.1414	-0.2733	0.2832	0.5126	0.4874	
wIR[41, 6, 2]	0.0128	0.0120	0.1434	-0.2689	0.2953	0.5338	0.4662	
wIR[42, 6, 2]	-0.0051	-0.0049	0.1571	-0.3146	0.3034	0.4870	0.5130	
wIR[43, 6, 2]	-0.0018	-0.0019	0.1426	-0.2804	0.2792	0.4944	0.5056	
wIR[44, 6, 2]	0.0169	0.0164	0.1419	-0.2616	0.2974	0.5470	0.4530	
wIR[45, 6, 2]	0.0042	0.0040	0.1447	-0.2806	0.2901	0.5108	0.4892	
wIR[46, 6, 2]	-0.0093	-0.0093	0.1444	-0.2929	0.2760	0.4748	0.5252	
wIR[47, 6, 2]	0.0005	-0.0001	0.1485	-0.2911	0.2936	0.4996	0.5004	
wIR[48, 6, 2]	0.0136	0.0128	0.1435	-0.2692	0.2970	0.5366	0.4634	
wIR[49, 6, 2]	0.0029	0.0026	0.1461	-0.2836	0.2889	0.5076	0.4924	
wIR[50, 6, 2]	0.0013	0.0013	0.1436	-0.2813	0.2844	0.5033	0.4967	
wIR[1, 1, 3]	-0.0286	-0.0278	0.1455	-0.3181	0.2559	0.4247	0.5753	
wIR[2, 1, 3]	-0.0529	-0.0520	0.1443	-0.3419	0.2278	0.3574	0.6426	
wIR[3, 1, 3]	-0.0011	-0.0007	0.1503	-0.2969	0.2951	0.4978	0.5022	
wIR[4, 1, 3]	-0.0361	-0.0350	0.1525	-0.3381	0.2603	0.4083	0.5917	
wIR[5, 1, 3]	-0.0522	-0.0503	0.1504	-0.3517	0.2384	0.3655	0.6345	
wIR[6, 1, 3]	-0.0609	-0.0603	0.1442	-0.3474	0.2191	0.3354	0.6646	*
wIR[7, 1, 3]	-0.0408	-0.0398	0.1477	-0.3354	0.2461	0.3916	0.6084	
wIR[8, 1, 3]	-0.0356	-0.0349	0.1468	-0.3260	0.2502	0.4048	0.5952	

wIR[9, 1, 3]	-0.0789	-0.0768	0.1506	-0.3812	0.2124	0.3013	0.6987	*
wIR[10, 1, 3]	-0.0121	-0.0115	0.1443	-0.2970	0.2726	0.4667	0.5333	
wIR[11, 1, 3]	-0.0156	-0.0147	0.1472	-0.3061	0.2713	0.4604	0.5396	
wIR[12, 1, 3]	0.0303	0.0296	0.1559	-0.2742	0.3384	0.5769	0.4231	
wIR[13, 1, 3]	-0.0082	-0.0072	0.1529	-0.3109	0.2895	0.4798	0.5202	
wIR[14, 1, 3]	-0.0270	-0.0266	0.1440	-0.3114	0.2531	0.4263	0.5737	
wIR[15, 1, 3]	-0.0105	-0.0102	0.1462	-0.2990	0.2770	0.4712	0.5288	
wIR[16, 1, 3]	0.0054	0.0055	0.1517	-0.2925	0.3035	0.5148	0.4852	
wIR[17, 1, 3]	-0.0110	-0.0111	0.1467	-0.2995	0.2777	0.4691	0.5309	
wIR[18, 1, 3]	0.0063	0.0063	0.1450	-0.2794	0.2924	0.5184	0.4816	
wIR[19, 1, 3]	-0.0038	-0.0030	0.1426	-0.2837	0.2758	0.4917	0.5083	
wIR[20, 1, 3]	-0.0413	-0.0403	0.1462	-0.3327	0.2415	0.3902	0.6098	
wIR[21, 1, 3]	-0.0454	-0.0447	0.1463	-0.3361	0.2397	0.3787	0.6213	
wIR[22, 1, 3]	-0.0120	-0.0114	0.1464	-0.3010	0.2750	0.4690	0.5310	
wIR[23, 1, 3]	0.0112	0.0114	0.1452	-0.2744	0.2951	0.5300	0.4700	
wIR[24, 1, 3]	0.0266	0.0264	0.1454	-0.2585	0.3153	0.5734	0.4266	
wIR[25, 1, 3]	0.0000	0.0004	0.1502	-0.2962	0.2950	0.5010	0.4990	
wIR[26, 1, 3]	-0.0234	-0.0237	0.1455	-0.3112	0.2622	0.4361	0.5639	
wIR[27, 1, 3]	-0.0124	-0.0121	0.1466	-0.3014	0.2762	0.4654	0.5346	
wIR[28, 1, 3]	0.0010	0.0006	0.1439	-0.2823	0.2845	0.5016	0.4984	
wIR[29, 1, 3]	-0.0602	-0.0595	0.1457	-0.3482	0.2251	0.3396	0.6604	*
wIR[30, 1, 3]	-0.0047	-0.0049	0.1483	-0.2974	0.2886	0.4864	0.5136	
wIR[31, 1, 3]	-0.0563	-0.0552	0.1491	-0.3515	0.2358	0.3521	0.6479	
wIR[32, 1, 3]	-0.0345	-0.0344	0.1472	-0.3276	0.2517	0.4070	0.5930	
wIR[33, 1, 3]	-0.0019	-0.0019	0.1480	-0.2929	0.2881	0.4951	0.5049	
wIR[34, 1, 3]	-0.0212	-0.0206	0.1451	-0.3084	0.2638	0.4422	0.5578	
wIR[35, 1, 3]	0.0239	0.0242	0.1482	-0.2681	0.3157	0.5645	0.4355	
wIR[36, 1, 3]	-0.0413	-0.0401	0.1509	-0.3417	0.2512	0.3931	0.6069	
wIR[37, 1, 3]	-0.0651	-0.0642	0.1474	-0.3575	0.2218	0.3284	0.6716	*
wIR[38, 1, 3]	-0.0645	-0.0633	0.1542	-0.3731	0.2339	0.3382	0.6618	*
wIR[39, 1, 3]	0.0089	0.0081	0.1468	-0.2781	0.2999	0.5225	0.4775	
wIR[40, 1, 3]	0.0035	0.0038	0.1462	-0.2844	0.2900	0.5106	0.4894	
wIR[41, 1, 3]	-0.0266	-0.0259	0.1467	-0.3161	0.2609	0.4286	0.5714	
wIR[42, 1, 3]	-0.0529	-0.0519	0.1448	-0.3418	0.2277	0.3574	0.6426	
wIR[43, 1, 3]	0.0127	0.0120	0.1463	-0.2734	0.3029	0.5342	0.4658	
wIR[44, 1, 3]	0.0202	0.0196	0.1485	-0.2691	0.3150	0.5540	0.4460	
wIR[45, 1, 3]	-0.0065	-0.0059	0.1463	-0.2939	0.2791	0.4830	0.5170	
wIR[46, 1, 3]	-0.0129	-0.0125	0.1433	-0.2954	0.2681	0.4638	0.5362	
wIR[47, 1, 3]	-0.0006	-0.0004	0.1498	-0.2951	0.2940	0.4987	0.5013	
wIR[48, 1, 3]	0.0175	0.0175	0.1492	-0.2722	0.3120	0.5456	0.4544	
wIR[49, 1, 3]	-0.0422	-0.0413	0.1456	-0.3341	0.2423	0.3855	0.6145	
wIR[50, 1, 3]	-0.0604	-0.0594	0.1461	-0.3516	0.2214	0.3401	0.6599	*
wIR[1, 2, 3]	0.0085	0.0082	0.1478	-0.2820	0.2998	0.5234	0.4766	
wIR[2, 2, 3]	-0.0097	-0.0099	0.1454	-0.2945	0.2767	0.4721	0.5279	
wIR[3, 2, 3]	-0.0014	-0.0017	0.1502	-0.2966	0.2959	0.4952	0.5048	
wIR[4, 2, 3]	-0.0161	-0.0151	0.1543	-0.3235	0.2861	0.4606	0.5394	
wIR[5, 2, 3]	-0.0033	-0.0037	0.1517	-0.3015	0.2955	0.4905	0.5095	
wIR[6, 2, 3]	0.0138	0.0133	0.1454	-0.2709	0.3015	0.5384	0.4616	
wIR[7, 2, 3]	0.0090	0.0084	0.1486	-0.2828	0.3037	0.5237	0.4763	
wIR[8, 2, 3]	0.0130	0.0128	0.1482	-0.2784	0.3062	0.5347	0.4653	

wIR[9, 2, 3]	0.0030	0.0028	0.1516	-0.2950	0.3000	0.5074	0.4926	
wIR[10, 2, 3]	0.0495	0.0483	0.1468	-0.2374	0.3425	0.6321	0.3679	
wIR[11, 2, 3]	-0.0091	-0.0089	0.1490	-0.3039	0.2832	0.4759	0.5241	
wIR[12, 2, 3]	0.0248	0.0245	0.1586	-0.2859	0.3402	0.5614	0.4386	
wIR[13, 2, 3]	-0.0021	-0.0027	0.1559	-0.3096	0.3044	0.4930	0.5070	
wIR[14, 2, 3]	-0.0335	-0.0329	0.1449	-0.3196	0.2512	0.4066	0.5934	
wIR[15, 2, 3]	-0.0176	-0.0173	0.1481	-0.3096	0.2727	0.4530	0.5470	
wIR[16, 2, 3]	-0.0246	-0.0250	0.1528	-0.3250	0.2741	0.4347	0.5653	
wIR[17, 2, 3]	-0.0283	-0.0276	0.1477	-0.3197	0.2609	0.4240	0.5760	
wIR[18, 2, 3]	-0.0840	-0.0828	0.1466	-0.3763	0.1998	0.2841	0.7159	*
wIR[19, 2, 3]	0.0165	0.0155	0.1444	-0.2662	0.3014	0.5430	0.4570	
wIR[20, 2, 3]	0.0003	0.0011	0.1472	-0.2891	0.2893	0.5027	0.4973	
wIR[21, 2, 3]	0.0068	0.0059	0.1476	-0.2817	0.2977	0.5165	0.4835	
wIR[22, 2, 3]	0.0293	0.0292	0.1476	-0.2604	0.3186	0.5795	0.4205	
wIR[23, 2, 3]	0.0014	0.0012	0.1467	-0.2867	0.2917	0.5034	0.4966	
wIR[24, 2, 3]	-0.0143	-0.0143	0.1476	-0.3062	0.2748	0.4610	0.5390	
wIR[25, 2, 3]	-0.0007	-0.0008	0.1504	-0.2961	0.2948	0.4978	0.5022	
wIR[26, 2, 3]	-0.0125	-0.0129	0.1470	-0.3021	0.2762	0.4638	0.5362	
wIR[27, 2, 3]	0.0085	0.0086	0.1466	-0.2800	0.2968	0.5243	0.4757	
wIR[28, 2, 3]	-0.0008	-0.0012	0.1454	-0.2856	0.2861	0.4969	0.5031	
wIR[29, 2, 3]	0.0204	0.0199	0.1464	-0.2679	0.3114	0.5552	0.4448	
wIR[30, 2, 3]	0.0168	0.0161	0.1497	-0.2774	0.3138	0.5434	0.4566	
wIR[31, 2, 3]	0.0008	0.0005	0.1496	-0.2933	0.2960	0.5015	0.4985	
wIR[32, 2, 3]	-0.0111	-0.0105	0.1485	-0.3032	0.2806	0.4701	0.5299	
wIR[33, 2, 3]	-0.0099	-0.0106	0.1486	-0.3014	0.2831	0.4725	0.5275	
wIR[34, 2, 3]	0.0114	0.0103	0.1464	-0.2753	0.3014	0.5289	0.4711	
wIR[35, 2, 3]	-0.0158	-0.0156	0.1498	-0.3113	0.2798	0.4583	0.5417	
wIR[36, 2, 3]	-0.0117	-0.0107	0.1511	-0.3127	0.2844	0.4710	0.5290	
wIR[37, 2, 3]	0.0003	0.0003	0.1478	-0.2889	0.2917	0.5007	0.4993	
wIR[38, 2, 3]	0.0094	0.0084	0.1553	-0.2971	0.3158	0.5217	0.4783	
wIR[39, 2, 3]	0.0148	0.0144	0.1484	-0.2769	0.3068	0.5394	0.4606	
wIR[40, 2, 3]	-0.0003	0.0001	0.1482	-0.2932	0.2912	0.5002	0.4998	
wIR[41, 2, 3]	0.0301	0.0296	0.1482	-0.2579	0.3235	0.5803	0.4197	
wIR[42, 2, 3]	0.0243	0.0237	0.1455	-0.2593	0.3119	0.5659	0.4341	
wIR[43, 2, 3]	0.0187	0.0182	0.1476	-0.2693	0.3098	0.5496	0.4504	
wIR[44, 2, 3]	-0.0051	-0.0051	0.1505	-0.3026	0.2894	0.4864	0.5136	
wIR[45, 2, 3]	0.0175	0.0171	0.1480	-0.2718	0.3103	0.5462	0.4538	
wIR[46, 2, 3]	-0.0348	-0.0345	0.1446	-0.3215	0.2477	0.4034	0.5966	
wIR[47, 2, 3]	-0.0004	-0.0007	0.1502	-0.2949	0.2965	0.4980	0.5020	
wIR[48, 2, 3]	0.0196	0.0197	0.1506	-0.2764	0.3155	0.5529	0.4471	
wIR[49, 2, 3]	0.0191	0.0188	0.1469	-0.2666	0.3084	0.5519	0.4481	
wIR[50, 2, 3]	0.0002	0.0001	0.1469	-0.2900	0.2912	0.5001	0.4999	
wIR[1, 3, 3]	0.0089	0.0087	0.1474	-0.2812	0.2984	0.5223	0.4777	
wIR[2, 3, 3]	-0.0004	-0.0005	0.1449	-0.2851	0.2845	0.4987	0.5013	
wIR[3, 3, 3]	0.0012	0.0020	0.1495	-0.2946	0.2931	0.5057	0.4943	
wIR[4, 3, 3]	0.0017	0.0015	0.1534	-0.2978	0.3075	0.5035	0.4965	
wIR[5, 3, 3]	-0.0240	-0.0236	0.1513	-0.3221	0.2723	0.4366	0.5634	
wIR[6, 3, 3]	0.0024	0.0022	0.1443	-0.2827	0.2868	0.5067	0.4933	
wIR[7, 3, 3]	-0.0112	-0.0108	0.1493	-0.3055	0.2819	0.4710	0.5290	
wIR[8, 3, 3]	-0.0122	-0.0118	0.1474	-0.3040	0.2775	0.4682	0.5318	

wIR[9, 3, 3]	-0.0129	-0.0124	0.1513	-0.3128	0.2829	0.4672	0.5328	
wIR[10, 3, 3]	-0.0101	-0.0094	0.1459	-0.2983	0.2741	0.4739	0.5261	
wIR[11, 3, 3]	-0.0093	-0.0094	0.1487	-0.3025	0.2835	0.4745	0.5255	
wIR[12, 3, 3]	-0.0238	-0.0237	0.1571	-0.3356	0.2838	0.4380	0.5620	
wIR[13, 3, 3]	-0.0012	-0.0014	0.1541	-0.3024	0.3021	0.4962	0.5038	
wIR[14, 3, 3]	0.0186	0.0186	0.1450	-0.2683	0.3048	0.5518	0.4482	
wIR[15, 3, 3]	0.0136	0.0127	0.1488	-0.2777	0.3090	0.5352	0.4648	
wIR[16, 3, 3]	0.0186	0.0181	0.1524	-0.2831	0.3192	0.5488	0.4512	
wIR[17, 3, 3]	0.0173	0.0166	0.1475	-0.2717	0.3086	0.5454	0.4546	
wIR[18, 3, 3]	0.0396	0.0388	0.1467	-0.2468	0.3307	0.6056	0.3944	
wIR[19, 3, 3]	-0.0048	-0.0046	0.1436	-0.2888	0.2774	0.4869	0.5131	
wIR[20, 3, 3]	-0.0187	-0.0185	0.1466	-0.3086	0.2701	0.4492	0.5508	
wIR[21, 3, 3]	-0.0226	-0.0216	0.1487	-0.3160	0.2690	0.4403	0.5597	
wIR[22, 3, 3]	-0.0181	-0.0181	0.1477	-0.3113	0.2729	0.4514	0.5486	
wIR[23, 3, 3]	-0.0273	-0.0261	0.1466	-0.3169	0.2592	0.4277	0.5723	
wIR[24, 3, 3]	0.0023	0.0020	0.1461	-0.2848	0.2907	0.5054	0.4946	
wIR[25, 3, 3]	-0.0004	-0.0003	0.1496	-0.2972	0.2930	0.4992	0.5008	
wIR[26, 3, 3]	-0.0004	-0.0003	0.1465	-0.2896	0.2870	0.4990	0.5010	
wIR[27, 3, 3]	-0.0055	-0.0061	0.1463	-0.2926	0.2849	0.4838	0.5162	
wIR[28, 3, 3]	-0.0072	-0.0065	0.1446	-0.2912	0.2761	0.4814	0.5186	
wIR[29, 3, 3]	-0.0181	-0.0174	0.1459	-0.3075	0.2671	0.4518	0.5482	
wIR[30, 3, 3]	-0.0139	-0.0133	0.1486	-0.3093	0.2774	0.4639	0.5361	
wIR[31, 3, 3]	0.0054	0.0058	0.1487	-0.2874	0.2982	0.5150	0.4850	
wIR[32, 3, 3]	0.0044	0.0045	0.1476	-0.2848	0.2943	0.5125	0.4875	
wIR[33, 3, 3]	0.0006	-0.0002	0.1480	-0.2895	0.2936	0.4992	0.5008	
wIR[34, 3, 3]	-0.0012	-0.0010	0.1463	-0.2894	0.2861	0.4974	0.5026	
wIR[35, 3, 3]	0.0103	0.0105	0.1496	-0.2834	0.3045	0.5283	0.4717	
wIR[36, 3, 3]	0.0196	0.0188	0.1512	-0.2751	0.3178	0.5503	0.4497	
wIR[37, 3, 3]	0.0036	0.0034	0.1475	-0.2848	0.2951	0.5099	0.4901	
wIR[38, 3, 3]	-0.0120	-0.0116	0.1555	-0.3189	0.2941	0.4691	0.5309	
wIR[39, 3, 3]	-0.0007	-0.0008	0.1480	-0.2909	0.2896	0.4979	0.5021	
wIR[40, 3, 3]	-0.0138	-0.0135	0.1480	-0.3052	0.2780	0.4632	0.5368	
wIR[41, 3, 3]	-0.0259	-0.0250	0.1472	-0.3164	0.2635	0.4303	0.5697	
wIR[42, 3, 3]	-0.0662	-0.0645	0.1457	-0.3577	0.2165	0.3267	0.6733	*
wIR[43, 3, 3]	-0.0106	-0.0109	0.1478	-0.2991	0.2794	0.4709	0.5291	
wIR[44, 3, 3]	0.0053	0.0055	0.1497	-0.2901	0.2982	0.5150	0.4850	
wIR[45, 3, 3]	-0.0300	-0.0293	0.1471	-0.3203	0.2599	0.4195	0.5805	
wIR[46, 3, 3]	0.0075	0.0076	0.1450	-0.2779	0.2929	0.5213	0.4787	
wIR[47, 3, 3]	0.0003	-0.0002	0.1493	-0.2934	0.2936	0.4993	0.5007	
wIR[48, 3, 3]	-0.0119	-0.0115	0.1506	-0.3094	0.2842	0.4705	0.5295	
wIR[49, 3, 3]	-0.0146	-0.0143	0.1463	-0.3033	0.2729	0.4609	0.5391	
wIR[50, 3, 3]	-0.0066	-0.0062	0.1463	-0.2950	0.2790	0.4827	0.5173	
wIR[1, 4, 3]	0.0012	0.0011	0.1455	-0.2827	0.2878	0.5027	0.4973	
wIR[2, 4, 3]	0.0172	0.0172	0.1441	-0.2664	0.3018	0.5469	0.4531	
wIR[3, 4, 3]	-0.0011	-0.0014	0.1490	-0.2940	0.2924	0.4961	0.5039	
wIR[4, 4, 3]	0.0320	0.0320	0.1525	-0.2658	0.3335	0.5848	0.4152	
wIR[5, 4, 3]	0.0128	0.0122	0.1501	-0.2803	0.3095	0.5332	0.4668	
wIR[6, 4, 3]	0.0075	0.0076	0.1439	-0.2759	0.2918	0.5216	0.4784	
wIR[7, 4, 3]	0.0104	0.0101	0.1478	-0.2817	0.3011	0.5290	0.4710	
wIR[8, 4, 3]	-0.0036	-0.0041	0.1470	-0.2927	0.2879	0.4889	0.5111	

wIR[9, 4, 3]	0.0180	0.0180	0.1496	-0.2755	0.3120	0.5488	0.4512
wIR[10, 4, 3]	0.0173	0.0171	0.1453	-0.2691	0.3036	0.5495	0.4505
wIR[11, 4, 3]	0.0114	0.0113	0.1485	-0.2797	0.3033	0.5309	0.4691
wIR[12, 4, 3]	-0.0140	-0.0137	0.1558	-0.3206	0.2929	0.4649	0.5351
wIR[13, 4, 3]	0.0380	0.0364	0.1542	-0.2625	0.3460	0.5959	0.4041
wIR[14, 4, 3]	0.0157	0.0153	0.1451	-0.2688	0.3026	0.5415	0.4585
wIR[15, 4, 3]	0.0065	0.0064	0.1476	-0.2818	0.2968	0.5175	0.4825
wIR[16, 4, 3]	0.0121	0.0111	0.1517	-0.2839	0.3136	0.5311	0.4689
wIR[17, 4, 3]	0.0019	0.0024	0.1458	-0.2848	0.2892	0.5066	0.4934
wIR[18, 4, 3]	0.0010	0.0009	0.1461	-0.2869	0.2909	0.5026	0.4974
wIR[19, 4, 3]	-0.0087	-0.0082	0.1435	-0.2927	0.2716	0.4776	0.5224
wIR[20, 4, 3]	0.0177	0.0174	0.1464	-0.2704	0.3080	0.5480	0.4520
wIR[21, 4, 3]	0.0174	0.0163	0.1472	-0.2710	0.3085	0.5452	0.4548
wIR[22, 4, 3]	0.0073	0.0075	0.1465	-0.2808	0.2943	0.5201	0.4799
wIR[23, 4, 3]	0.0084	0.0077	0.1449	-0.2760	0.2939	0.5211	0.4789
wIR[24, 4, 3]	-0.0022	-0.0024	0.1460	-0.2907	0.2842	0.4927	0.5073
wIR[25, 4, 3]	0.0004	0.0005	0.1484	-0.2905	0.2914	0.5015	0.4985
wIR[26, 4, 3]	0.0153	0.0145	0.1460	-0.2706	0.3016	0.5405	0.4595
wIR[27, 4, 3]	0.0039	0.0037	0.1462	-0.2841	0.2929	0.5105	0.4895
wIR[28, 4, 3]	0.0054	0.0056	0.1438	-0.2758	0.2888	0.5155	0.4845
wIR[29, 4, 3]	0.0020	0.0019	0.1454	-0.2834	0.2868	0.5054	0.4946
wIR[30, 4, 3]	0.0091	0.0094	0.1484	-0.2814	0.3004	0.5257	0.4743
wIR[31, 4, 3]	0.0144	0.0141	0.1481	-0.2739	0.3057	0.5397	0.4603
wIR[32, 4, 3]	0.0005	0.0002	0.1465	-0.2870	0.2890	0.5005	0.4995
wIR[33, 4, 3]	0.0332	0.0328	0.1481	-0.2575	0.3243	0.5896	0.4104
wIR[34, 4, 3]	0.0134	0.0131	0.1454	-0.2744	0.3014	0.5370	0.4630
wIR[35, 4, 3]	0.0066	0.0069	0.1490	-0.2857	0.3030	0.5189	0.4811
wIR[36, 4, 3]	0.0432	0.0427	0.1513	-0.2520	0.3413	0.6133	0.3867
wIR[37, 4, 3]	0.0215	0.0207	0.1471	-0.2654	0.3112	0.5564	0.4436
wIR[38, 4, 3]	0.0315	0.0309	0.1547	-0.2717	0.3379	0.5816	0.4184
wIR[39, 4, 3]	0.0105	0.0099	0.1478	-0.2762	0.3027	0.5268	0.4732
wIR[40, 4, 3]	0.0252	0.0247	0.1463	-0.2625	0.3137	0.5697	0.4303
wIR[41, 4, 3]	0.0031	0.0036	0.1474	-0.2861	0.2927	0.5099	0.4901
wIR[42, 4, 3]	0.0045	0.0042	0.1447	-0.2826	0.2902	0.5118	0.4882
wIR[43, 4, 3]	0.0093	0.0090	0.1460	-0.2788	0.2985	0.5254	0.4746
wIR[44, 4, 3]	-0.0064	-0.0050	0.1488	-0.3000	0.2842	0.4865	0.5135
wIR[45, 4, 3]	0.0219	0.0218	0.1476	-0.2692	0.3123	0.5595	0.4405
wIR[46, 4, 3]	-0.0040	-0.0042	0.1431	-0.2848	0.2805	0.4877	0.5123
wIR[47, 4, 3]	0.0001	0.0002	0.1493	-0.2922	0.2940	0.5006	0.4994
wIR[48, 4, 3]	-0.0088	-0.0081	0.1491	-0.3022	0.2845	0.4777	0.5223
wIR[49, 4, 3]	0.0072	0.0072	0.1458	-0.2784	0.2960	0.5195	0.4805
wIR[50, 4, 3]	0.0045	0.0040	0.1463	-0.2837	0.2919	0.5113	0.4887
wIR[1, 5, 3]	0.0060	0.0057	0.1432	-0.2750	0.2895	0.5159	0.4841
wIR[2, 5, 3]	0.0517	0.0512	0.1419	-0.2249	0.3331	0.6422	0.3578
wIR[3, 5, 3]	-0.0004	-0.0003	0.1508	-0.2985	0.2957	0.4992	0.5008
wIR[4, 5, 3]	-0.0352	-0.0348	0.1507	-0.3324	0.2601	0.4084	0.5916
wIR[5, 5, 3]	0.0388	0.0377	0.1477	-0.2503	0.3319	0.6032	0.3968
wIR[6, 5, 3]	-0.0026	-0.0028	0.1417	-0.2803	0.2769	0.4918	0.5082
wIR[7, 5, 3]	0.0227	0.0222	0.1454	-0.2610	0.3135	0.5626	0.4374
wIR[8, 5, 3]	-0.0176	-0.0174	0.1438	-0.3027	0.2637	0.4497	0.5503

wIR[9, 5, 3]	-0.0583	-0.0568	0.1471	-0.3513	0.2266	0.3472	0.6528	*
wIR[10, 5, 3]	-0.0869	-0.0854	0.1432	-0.3736	0.1908	0.2726	0.7274	*
wIR[11, 5, 3]	0.0225	0.0222	0.1456	-0.2627	0.3109	0.5610	0.4390	
wIR[12, 5, 3]	0.0503	0.0497	0.1522	-0.2475	0.3528	0.6296	0.3704	
wIR[13, 5, 3]	0.0027	0.0015	0.1515	-0.2919	0.3022	0.5038	0.4962	
wIR[14, 5, 3]	0.0665	0.0654	0.1425	-0.2096	0.3502	0.6794	0.3206	*
wIR[15, 5, 3]	0.0410	0.0403	0.1444	-0.2419	0.3276	0.6122	0.3878	
wIR[16, 5, 3]	0.0283	0.0274	0.1486	-0.2630	0.3212	0.5751	0.4249	
wIR[17, 5, 3]	0.0771	0.0761	0.1440	-0.2035	0.3643	0.7052	0.2948	*
wIR[18, 5, 3]	0.0455	0.0448	0.1438	-0.2353	0.3297	0.6249	0.3751	
wIR[19, 5, 3]	-0.0186	-0.0190	0.1408	-0.2986	0.2579	0.4468	0.5532	
wIR[20, 5, 3]	-0.0543	-0.0535	0.1445	-0.3427	0.2278	0.3530	0.6470	
wIR[21, 5, 3]	-0.0252	-0.0255	0.1437	-0.3082	0.2572	0.4302	0.5698	
wIR[22, 5, 3]	-0.0656	-0.0646	0.1439	-0.3510	0.2147	0.3233	0.6767	*
wIR[23, 5, 3]	-0.0392	-0.0391	0.1437	-0.3231	0.2429	0.3916	0.6084	
wIR[24, 5, 3]	0.0453	0.0444	0.1430	-0.2327	0.3311	0.6240	0.3760	
wIR[25, 5, 3]	0.0006	0.0006	0.1508	-0.2966	0.2966	0.5015	0.4985	
wIR[26, 5, 3]	-0.0225	-0.0219	0.1432	-0.3050	0.2579	0.4383	0.5617	
wIR[27, 5, 3]	-0.0340	-0.0341	0.1440	-0.3198	0.2467	0.4048	0.5952	
wIR[28, 5, 3]	0.0433	0.0424	0.1422	-0.2350	0.3238	0.6214	0.3786	
wIR[29, 5, 3]	-0.0160	-0.0157	0.1426	-0.2964	0.2654	0.4548	0.5452	
wIR[30, 5, 3]	0.0109	0.0113	0.1454	-0.2727	0.2971	0.5310	0.4690	
wIR[31, 5, 3]	-0.0063	-0.0050	0.1462	-0.2966	0.2805	0.4852	0.5148	
wIR[32, 5, 3]	0.0402	0.0393	0.1459	-0.2462	0.3294	0.6084	0.3916	
wIR[33, 5, 3]	0.0229	0.0224	0.1450	-0.2608	0.3091	0.5624	0.4376	
wIR[34, 5, 3]	0.0501	0.0488	0.1430	-0.2290	0.3362	0.6372	0.3628	
wIR[35, 5, 3]	0.0321	0.0309	0.1457	-0.2523	0.3203	0.5881	0.4119	
wIR[36, 5, 3]	-0.0688	-0.0681	0.1470	-0.3600	0.2187	0.3189	0.6811	*
wIR[37, 5, 3]	0.0040	0.0038	0.1437	-0.2768	0.2863	0.5112	0.4888	
wIR[38, 5, 3]	-0.0731	-0.0711	0.1513	-0.3743	0.2209	0.3150	0.6850	*
wIR[39, 5, 3]	0.0018	0.0010	0.1445	-0.2803	0.2875	0.5029	0.4971	
wIR[40, 5, 3]	0.0027	0.0029	0.1440	-0.2818	0.2850	0.5084	0.4916	
wIR[41, 5, 3]	-0.0273	-0.0271	0.1438	-0.3109	0.2556	0.4250	0.5750	
wIR[42, 5, 3]	0.0037	0.0037	0.1431	-0.2781	0.2864	0.5110	0.4890	
wIR[43, 5, 3]	0.0266	0.0257	0.1437	-0.2522	0.3115	0.5718	0.4282	
wIR[44, 5, 3]	0.0245	0.0241	0.1468	-0.2651	0.3140	0.5653	0.4347	
wIR[45, 5, 3]	0.0163	0.0158	0.1454	-0.2669	0.3049	0.5434	0.4566	
wIR[46, 5, 3]	0.0683	0.0669	0.1412	-0.2047	0.3485	0.6865	0.3135	*
wIR[47, 5, 3]	0.0003	0.0005	0.1503	-0.2964	0.2962	0.5014	0.4986	
wIR[48, 5, 3]	-0.0211	-0.0210	0.1455	-0.3075	0.2653	0.4423	0.5577	
wIR[49, 5, 3]	0.0261	0.0252	0.1445	-0.2543	0.3135	0.5700	0.4300	
wIR[50, 5, 3]	-0.0100	-0.0097	0.1437	-0.2913	0.2725	0.4728	0.5272	
wIR[1, 6, 3]	-0.0084	-0.0083	0.1443	-0.2930	0.2763	0.4758	0.5242	
wIR[2, 6, 3]	-0.0286	-0.0281	0.1434	-0.3113	0.2514	0.4217	0.5783	
wIR[3, 6, 3]	0.0005	0.0008	0.1485	-0.2907	0.2932	0.5023	0.4977	
wIR[4, 6, 3]	0.0451	0.0446	0.1514	-0.2537	0.3436	0.6178	0.3822	
wIR[5, 6, 3]	-0.0192	-0.0186	0.1491	-0.3150	0.2721	0.4489	0.5511	
wIR[6, 6, 3]	0.0072	0.0075	0.1425	-0.2735	0.2869	0.5214	0.4786	
wIR[7, 6, 3]	-0.0116	-0.0109	0.1463	-0.3010	0.2755	0.4698	0.5302	
wIR[8, 6, 3]	0.0016	0.0013	0.1457	-0.2842	0.2891	0.5036	0.4964	

wIR[9, 6, 3]	0.0321	0.0316	0.1490	-0.2590	0.3273	0.5846	0.4154
wIR[10, 6, 3]	0.0426	0.0419	0.1438	-0.2368	0.3287	0.6158	0.3842
wIR[11, 6, 3]	-0.0077	-0.0072	0.1468	-0.2978	0.2800	0.4796	0.5204
wIR[12, 6, 3]	-0.0082	-0.0078	0.1552	-0.3136	0.2974	0.4797	0.5203
wIR[13, 6, 3]	0.0062	0.0058	0.1522	-0.2913	0.3050	0.5148	0.4852
wIR[14, 6, 3]	-0.0156	-0.0154	0.1436	-0.2989	0.2673	0.4569	0.5431
wIR[15, 6, 3]	-0.0206	-0.0198	0.1453	-0.3080	0.2617	0.4437	0.5563
wIR[16, 6, 3]	-0.0096	-0.0099	0.1506	-0.3069	0.2866	0.4737	0.5263
wIR[17, 6, 3]	-0.0394	-0.0392	0.1453	-0.3264	0.2440	0.3931	0.6069
wIR[18, 6, 3]	-0.0126	-0.0128	0.1440	-0.2966	0.2700	0.4642	0.5358
wIR[19, 6, 3]	-0.0104	-0.0096	0.1425	-0.2920	0.2668	0.4718	0.5282
wIR[20, 6, 3]	0.0242	0.0242	0.1442	-0.2571	0.3084	0.5666	0.4334
wIR[21, 6, 3]	0.0132	0.0134	0.1447	-0.2704	0.2989	0.5381	0.4619
wIR[22, 6, 3]	0.0210	0.0207	0.1449	-0.2643	0.3068	0.5579	0.4421
wIR[23, 6, 3]	0.0370	0.0367	0.1445	-0.2463	0.3221	0.6010	0.3990
wIR[24, 6, 3]	-0.0224	-0.0223	0.1440	-0.3073	0.2591	0.4380	0.5620
wIR[25, 6, 3]	0.0002	-0.0009	0.1490	-0.2907	0.2953	0.4978	0.5022
wIR[26, 6, 3]	0.0211	0.0213	0.1448	-0.2619	0.3074	0.5590	0.4410
wIR[27, 6, 3]	0.0296	0.0293	0.1450	-0.2551	0.3158	0.5805	0.4195
wIR[28, 6, 3]	-0.0079	-0.0086	0.1433	-0.2867	0.2738	0.4753	0.5247
wIR[29, 6, 3]	0.0150	0.0152	0.1446	-0.2712	0.2998	0.5419	0.4581
wIR[30, 6, 3]	-0.0081	-0.0074	0.1464	-0.2962	0.2785	0.4801	0.5199
wIR[31, 6, 3]	0.0077	0.0077	0.1468	-0.2818	0.2972	0.5220	0.4780
wIR[32, 6, 3]	-0.0148	-0.0154	0.1465	-0.3040	0.2747	0.4580	0.5420
wIR[33, 6, 3]	0.0018	0.0020	0.1458	-0.2860	0.2882	0.5058	0.4942
wIR[34, 6, 3]	0.0051	0.0048	0.1439	-0.2783	0.2874	0.5137	0.4863
wIR[35, 6, 3]	-0.0016	-0.0013	0.1469	-0.2910	0.2880	0.4965	0.5035
wIR[36, 6, 3]	0.0524	0.0516	0.1495	-0.2401	0.3505	0.6371	0.3629
wIR[37, 6, 3]	0.0106	0.0111	0.1450	-0.2744	0.2960	0.5302	0.4698
wIR[38, 6, 3]	0.0366	0.0355	0.1528	-0.2620	0.3407	0.5940	0.4060
wIR[39, 6, 3]	0.0034	0.0032	0.1459	-0.2840	0.2911	0.5087	0.4913
wIR[40, 6, 3]	-0.0086	-0.0087	0.1447	-0.2950	0.2760	0.4766	0.5234
wIR[41, 6, 3]	0.0123	0.0116	0.1450	-0.2707	0.2995	0.5330	0.4670
wIR[42, 6, 3]	-0.0189	-0.0195	0.1432	-0.2996	0.2643	0.4459	0.5541
wIR[43, 6, 3]	-0.0084	-0.0080	0.1454	-0.2951	0.2768	0.4780	0.5220
wIR[44, 6, 3]	-0.0036	-0.0029	0.1472	-0.2943	0.2842	0.4923	0.5077
wIR[45, 6, 3]	-0.0010	-0.0007	0.1453	-0.2879	0.2857	0.4979	0.5021
wIR[46, 6, 3]	-0.0275	-0.0264	0.1431	-0.3105	0.2527	0.4244	0.5756
wIR[47, 6, 3]	0.0007	0.0013	0.1485	-0.2919	0.2916	0.5038	0.4962
wIR[48, 6, 3]	0.0135	0.0130	0.1487	-0.2785	0.3064	0.5343	0.4657
wIR[49, 6, 3]	0.0095	0.0095	0.1448	-0.2739	0.2948	0.5248	0.4752
wIR[50, 6, 3]	0.0180	0.0178	0.1445	-0.2648	0.3034	0.5492	0.4508
wIR[1, 1, 4]	-0.0175	-0.0175	0.1468	-0.3079	0.2687	0.4519	0.5481
wIR[2, 1, 4]	0.0339	0.0346	0.1500	-0.2581	0.3305	0.5905	0.4095
wIR[3, 1, 4]	-0.0007	-0.0002	0.1496	-0.2963	0.2938	0.4996	0.5004
wIR[4, 1, 4]	0.0225	0.0219	0.1471	-0.2665	0.3139	0.5602	0.4398
wIR[5, 1, 4]	-0.0086	-0.0086	0.1713	-0.3471	0.3267	0.4799	0.5201
wIR[6, 1, 4]	-0.0140	-0.0132	0.1456	-0.3026	0.2709	0.4642	0.5358
wIR[7, 1, 4]	0.0087	0.0085	0.1473	-0.2796	0.2994	0.5230	0.4770
wIR[8, 1, 4]	0.0027	0.0030	0.1429	-0.2789	0.2834	0.5087	0.4913

wIR[9, 1, 4]	-0.0090	-0.0085	0.1476	-0.3008	0.2787	0.4762	0.5238	
wIR[10, 1, 4]	0.0155	0.0157	0.1504	-0.2788	0.3125	0.5416	0.4584	
wIR[11, 1, 4]	-0.0017	-0.0014	0.1432	-0.2845	0.2800	0.4960	0.5040	
wIR[12, 1, 4]	0.0326	0.0320	0.1464	-0.2531	0.3237	0.5890	0.4110	
wIR[13, 1, 4]	0.0557	0.0547	0.1475	-0.2307	0.3480	0.6473	0.3527	
wIR[14, 1, 4]	0.0075	0.0073	0.1463	-0.2810	0.2937	0.5205	0.4795	
wIR[15, 1, 4]	0.0152	0.0149	0.1450	-0.2692	0.3022	0.5414	0.4586	
wIR[16, 1, 4]	-0.0179	-0.0174	0.1461	-0.3085	0.2708	0.4517	0.5483	
wIR[17, 1, 4]	-0.0192	-0.0189	0.1463	-0.3065	0.2684	0.4487	0.5513	
wIR[18, 1, 4]	0.0246	0.0247	0.1489	-0.2667	0.3197	0.5660	0.4340	
wIR[19, 1, 4]	0.0075	0.0077	0.1474	-0.2851	0.2969	0.5212	0.4788	
wIR[20, 1, 4]	0.0091	0.0086	0.1426	-0.2693	0.2901	0.5247	0.4753	
wIR[21, 1, 4]	0.0069	0.0068	0.1452	-0.2774	0.2917	0.5187	0.4813	
wIR[22, 1, 4]	0.0287	0.0270	0.1546	-0.2724	0.3337	0.5714	0.4286	
wIR[23, 1, 4]	0.0115	0.0114	0.1474	-0.2763	0.3021	0.5312	0.4688	
wIR[24, 1, 4]	0.0154	0.0154	0.1418	-0.2640	0.2957	0.5434	0.4566	
wIR[25, 1, 4]	0.0005	0.0000	0.1501	-0.2951	0.2940	0.5001	0.4999	
wIR[26, 1, 4]	0.0222	0.0211	0.1439	-0.2597	0.3075	0.5599	0.4401	
wIR[27, 1, 4]	0.0230	0.0221	0.1434	-0.2582	0.3073	0.5633	0.4367	
wIR[28, 1, 4]	0.0344	0.0343	0.1486	-0.2569	0.3282	0.5921	0.4079	
wIR[29, 1, 4]	0.0172	0.0166	0.1452	-0.2674	0.3034	0.5470	0.4530	
wIR[30, 1, 4]	0.0316	0.0308	0.1586	-0.2783	0.3459	0.5790	0.4210	
wIR[31, 1, 4]	-0.0210	-0.0204	0.1431	-0.3043	0.2595	0.4414	0.5586	
wIR[32, 1, 4]	0.0188	0.0177	0.1471	-0.2699	0.3095	0.5489	0.4511	
wIR[33, 1, 4]	0.0427	0.0408	0.1478	-0.2441	0.3382	0.6110	0.3890	
wIR[34, 1, 4]	0.0351	0.0342	0.1459	-0.2506	0.3264	0.5947	0.4053	
wIR[35, 1, 4]	0.0146	0.0134	0.1462	-0.2713	0.3012	0.5386	0.4614	
wIR[36, 1, 4]	0.0441	0.0428	0.1482	-0.2433	0.3371	0.6169	0.3831	
wIR[37, 1, 4]	0.0098	0.0093	0.1440	-0.2730	0.2928	0.5262	0.4738	
wIR[38, 1, 4]	0.0385	0.0374	0.1448	-0.2444	0.3251	0.6045	0.3955	
wIR[39, 1, 4]	-0.0010	-0.0012	0.1446	-0.2848	0.2848	0.4967	0.5033	
wIR[40, 1, 4]	0.0007	0.0005	0.1450	-0.2862	0.2852	0.5016	0.4984	
wIR[41, 1, 4]	-0.0033	-0.0034	0.1455	-0.2909	0.2837	0.4902	0.5098	
wIR[42, 1, 4]	0.0044	0.0044	0.1446	-0.2804	0.2891	0.5122	0.4878	
wIR[43, 1, 4]	0.0610	0.0589	0.1509	-0.2323	0.3625	0.6570	0.3430	*
wIR[44, 1, 4]	0.0172	0.0164	0.1418	-0.2606	0.2976	0.5480	0.4520	
wIR[45, 1, 4]	0.0364	0.0359	0.1442	-0.2457	0.3228	0.5984	0.4016	
wIR[46, 1, 4]	0.0128	0.0125	0.1433	-0.2688	0.2950	0.5339	0.4661	
wIR[47, 1, 4]	-0.0001	-0.0001	0.1504	-0.2965	0.2970	0.4998	0.5002	
wIR[48, 1, 4]	-0.0049	-0.0045	0.1455	-0.2927	0.2808	0.4879	0.5121	
wIR[49, 1, 4]	0.0334	0.0326	0.1462	-0.2502	0.3229	0.5908	0.4092	
wIR[50, 1, 4]	-0.0041	-0.0049	0.1448	-0.2887	0.2810	0.4870	0.5130	
wIR[1, 2, 4]	0.0235	0.0232	0.1489	-0.2707	0.3162	0.5635	0.4365	
wIR[2, 2, 4]	-0.0185	-0.0183	0.1502	-0.3154	0.2744	0.4515	0.5485	
wIR[3, 2, 4]	0.0001	-0.0001	0.1500	-0.2942	0.2947	0.4998	0.5002	
wIR[4, 2, 4]	0.0195	0.0194	0.1488	-0.2714	0.3142	0.5502	0.4498	
wIR[5, 2, 4]	-0.0055	-0.0051	0.1728	-0.3480	0.3325	0.4874	0.5126	
wIR[6, 2, 4]	0.0160	0.0163	0.1470	-0.2723	0.3051	0.5439	0.4561	
wIR[7, 2, 4]	0.0118	0.0120	0.1490	-0.2824	0.3051	0.5329	0.4671	
wIR[8, 2, 4]	0.0021	0.0020	0.1439	-0.2789	0.2861	0.5062	0.4938	

wIR[9, 2, 4]	-0.0213	-0.0211	0.1481	-0.3153	0.2689	0.4436	0.5564	
wIR[10, 2, 4]	0.0149	0.0147	0.1523	-0.2842	0.3137	0.5395	0.4605	
wIR[11, 2, 4]	0.0245	0.0246	0.1452	-0.2605	0.3110	0.5678	0.4322	
wIR[12, 2, 4]	0.0575	0.0564	0.1473	-0.2285	0.3494	0.6517	0.3483	*
wIR[13, 2, 4]	-0.0018	-0.0019	0.1489	-0.2956	0.2927	0.4943	0.5057	
wIR[14, 2, 4]	0.0026	0.0018	0.1471	-0.2857	0.2926	0.5047	0.4953	
wIR[15, 2, 4]	0.0165	0.0165	0.1468	-0.2718	0.3071	0.5446	0.4554	
wIR[16, 2, 4]	-0.0094	-0.0094	0.1474	-0.2992	0.2811	0.4741	0.5259	
wIR[17, 2, 4]	0.0059	0.0060	0.1475	-0.2836	0.2971	0.5164	0.4836	
wIR[18, 2, 4]	-0.0108	-0.0102	0.1494	-0.3060	0.2825	0.4723	0.5277	
wIR[19, 2, 4]	-0.0002	-0.0004	0.1483	-0.2913	0.2923	0.4991	0.5009	
wIR[20, 2, 4]	-0.0024	-0.0021	0.1436	-0.2842	0.2783	0.4938	0.5062	
wIR[21, 2, 4]	0.0174	0.0175	0.1459	-0.2685	0.3049	0.5489	0.4511	
wIR[22, 2, 4]	0.0308	0.0300	0.1553	-0.2732	0.3366	0.5781	0.4219	
wIR[23, 2, 4]	0.0145	0.0146	0.1479	-0.2791	0.3050	0.5406	0.4594	
wIR[24, 2, 4]	0.0063	0.0061	0.1426	-0.2738	0.2885	0.5183	0.4817	
wIR[25, 2, 4]	-0.0003	-0.0003	0.1503	-0.2970	0.2956	0.4992	0.5008	
wIR[26, 2, 4]	0.0045	0.0049	0.1440	-0.2803	0.2884	0.5135	0.4865	
wIR[27, 2, 4]	0.0221	0.0217	0.1447	-0.2606	0.3078	0.5609	0.4391	
wIR[28, 2, 4]	0.0174	0.0171	0.1502	-0.2769	0.3141	0.5451	0.4549	
wIR[29, 2, 4]	0.0235	0.0240	0.1460	-0.2642	0.3109	0.5647	0.4353	
wIR[30, 2, 4]	0.0408	0.0392	0.1616	-0.2729	0.3649	0.5974	0.4026	
wIR[31, 2, 4]	-0.0031	-0.0028	0.1429	-0.2860	0.2760	0.4920	0.5080	
wIR[32, 2, 4]	-0.0081	-0.0082	0.1481	-0.2996	0.2811	0.4778	0.5222	
wIR[33, 2, 4]	-0.0120	-0.0120	0.1479	-0.3054	0.2787	0.4664	0.5336	
wIR[34, 2, 4]	0.0405	0.0394	0.1471	-0.2442	0.3343	0.6074	0.3926	
wIR[35, 2, 4]	0.0106	0.0107	0.1483	-0.2820	0.3015	0.5291	0.4709	
wIR[36, 2, 4]	-0.0146	-0.0135	0.1482	-0.3072	0.2751	0.4633	0.5367	
wIR[37, 2, 4]	0.0101	0.0098	0.1453	-0.2769	0.2971	0.5275	0.4725	
wIR[38, 2, 4]	-0.0561	-0.0547	0.1467	-0.3497	0.2279	0.3531	0.6469	
wIR[39, 2, 4]	0.0328	0.0313	0.1454	-0.2515	0.3237	0.5884	0.4116	
wIR[40, 2, 4]	0.0217	0.0209	0.1473	-0.2650	0.3169	0.5575	0.4425	
wIR[41, 2, 4]	0.0288	0.0289	0.1465	-0.2591	0.3168	0.5789	0.4211	
wIR[42, 2, 4]	0.0067	0.0064	0.1452	-0.2806	0.2917	0.5180	0.4820	
wIR[43, 2, 4]	0.0034	0.0033	0.1519	-0.2958	0.3015	0.5090	0.4910	
wIR[44, 2, 4]	0.0109	0.0100	0.1429	-0.2688	0.2940	0.5288	0.4712	
wIR[45, 2, 4]	0.0278	0.0275	0.1446	-0.2559	0.3141	0.5766	0.4234	
wIR[46, 2, 4]	-0.0245	-0.0242	0.1444	-0.3107	0.2587	0.4333	0.5667	
wIR[47, 2, 4]	-0.0002	0.0003	0.1496	-0.2942	0.2941	0.5009	0.4991	
wIR[48, 2, 4]	0.0441	0.0435	0.1469	-0.2443	0.3363	0.6196	0.3804	
wIR[49, 2, 4]	0.0151	0.0152	0.1464	-0.2743	0.3039	0.5412	0.4588	
wIR[50, 2, 4]	0.0060	0.0059	0.1452	-0.2788	0.2918	0.5167	0.4833	
wIR[1, 3, 4]	-0.0143	-0.0144	0.1479	-0.3079	0.2772	0.4604	0.5396	
wIR[2, 3, 4]	0.0009	0.0007	0.1503	-0.2944	0.2974	0.5018	0.4982	
wIR[3, 3, 4]	0.0005	0.0008	0.1484	-0.2932	0.2904	0.5018	0.4982	
wIR[4, 3, 4]	0.0021	0.0024	0.1479	-0.2888	0.2931	0.5071	0.4929	
wIR[5, 3, 4]	-0.0088	-0.0086	0.1721	-0.3472	0.3283	0.4805	0.5195	
wIR[6, 3, 4]	-0.0109	-0.0101	0.1471	-0.2999	0.2793	0.4721	0.5279	
wIR[7, 3, 4]	-0.0109	-0.0105	0.1490	-0.3045	0.2799	0.4705	0.5295	
wIR[8, 3, 4]	0.0083	0.0079	0.1436	-0.2716	0.2904	0.5219	0.4781	

wIR[9, 3, 4]	0.0047	0.0043	0.1488	-0.2877	0.2963	0.5120	0.4880
wIR[10, 3, 4]	-0.0039	-0.0032	0.1524	-0.3026	0.2982	0.4911	0.5089
wIR[11, 3, 4]	-0.0098	-0.0093	0.1447	-0.2935	0.2735	0.4745	0.5255
wIR[12, 3, 4]	-0.0307	-0.0303	0.1470	-0.3226	0.2559	0.4187	0.5813
wIR[13, 3, 4]	-0.0011	-0.0004	0.1490	-0.2969	0.2930	0.4990	0.5010
wIR[14, 3, 4]	-0.0039	-0.0040	0.1461	-0.2909	0.2840	0.4896	0.5104
wIR[15, 3, 4]	0.0160	0.0158	0.1467	-0.2718	0.3071	0.5429	0.4571
wIR[16, 3, 4]	-0.0008	-0.0003	0.1470	-0.2900	0.2856	0.4993	0.5007
wIR[17, 3, 4]	-0.0038	-0.0036	0.1470	-0.2934	0.2843	0.4903	0.5097
wIR[18, 3, 4]	0.0307	0.0295	0.1490	-0.2598	0.3268	0.5810	0.4190
wIR[19, 3, 4]	0.0066	0.0067	0.1491	-0.2878	0.2987	0.5188	0.4812
wIR[20, 3, 4]	0.0008	0.0007	0.1429	-0.2807	0.2818	0.5020	0.4980
wIR[21, 3, 4]	-0.0025	-0.0023	0.1473	-0.2916	0.2879	0.4944	0.5056
wIR[22, 3, 4]	-0.0122	-0.0123	0.1554	-0.3183	0.2947	0.4680	0.5320
wIR[23, 3, 4]	-0.0022	-0.0022	0.1484	-0.2964	0.2894	0.4942	0.5058
wIR[24, 3, 4]	0.0074	0.0072	0.1424	-0.2713	0.2892	0.5202	0.4798
wIR[25, 3, 4]	0.0003	-0.0001	0.1499	-0.2937	0.2952	0.4998	0.5002
wIR[26, 3, 4]	0.0112	0.0110	0.1444	-0.2717	0.2971	0.5299	0.4701
wIR[27, 3, 4]	-0.0042	-0.0039	0.1455	-0.2908	0.2821	0.4895	0.5105
wIR[28, 3, 4]	0.0041	0.0039	0.1503	-0.2912	0.3008	0.5108	0.4892
wIR[29, 3, 4]	0.0011	0.0007	0.1468	-0.2862	0.2899	0.5019	0.4981
wIR[30, 3, 4]	-0.0351	-0.0336	0.1608	-0.3562	0.2787	0.4153	0.5847
wIR[31, 3, 4]	-0.0062	-0.0056	0.1430	-0.2888	0.2749	0.4836	0.5164
wIR[32, 3, 4]	0.0100	0.0095	0.1472	-0.2797	0.3010	0.5262	0.4738
wIR[33, 3, 4]	0.0103	0.0095	0.1478	-0.2788	0.3016	0.5262	0.4738
wIR[34, 3, 4]	-0.0145	-0.0142	0.1465	-0.3032	0.2743	0.4608	0.5392
wIR[35, 3, 4]	-0.0192	-0.0188	0.1470	-0.3103	0.2683	0.4478	0.5522
wIR[36, 3, 4]	0.0223	0.0212	0.1481	-0.2662	0.3166	0.5572	0.4428
wIR[37, 3, 4]	0.0106	0.0107	0.1451	-0.2748	0.2957	0.5297	0.4703
wIR[38, 3, 4]	0.0237	0.0233	0.1457	-0.2619	0.3119	0.5642	0.4358
wIR[39, 3, 4]	-0.0154	-0.0154	0.1461	-0.3039	0.2718	0.4566	0.5434
wIR[40, 3, 4]	-0.0233	-0.0229	0.1467	-0.3129	0.2643	0.4371	0.5629
wIR[41, 3, 4]	-0.0170	-0.0169	0.1456	-0.3030	0.2662	0.4536	0.5464
wIR[42, 3, 4]	-0.0052	-0.0053	0.1447	-0.2911	0.2794	0.4856	0.5144
wIR[43, 3, 4]	0.0290	0.0280	0.1518	-0.2672	0.3298	0.5747	0.4253
wIR[44, 3, 4]	-0.0039	-0.0036	0.1428	-0.2862	0.2764	0.4894	0.5106
wIR[45, 3, 4]	-0.0065	-0.0065	0.1452	-0.2923	0.2791	0.4817	0.5183
wIR[46, 3, 4]	0.0176	0.0174	0.1444	-0.2649	0.3031	0.5495	0.4505
wIR[47, 3, 4]	0.0003	0.0001	0.1492	-0.2955	0.2937	0.5002	0.4998
wIR[48, 3, 4]	-0.0105	-0.0105	0.1462	-0.2978	0.2766	0.4712	0.5288
wIR[49, 3, 4]	0.0055	0.0049	0.1468	-0.2838	0.2966	0.5142	0.4858
wIR[50, 3, 4]	0.0095	0.0098	0.1449	-0.2765	0.2942	0.5278	0.4722
wIR[1, 4, 4]	-0.0088	-0.0090	0.1475	-0.2985	0.2812	0.4750	0.5250
wIR[2, 4, 4]	-0.0110	-0.0107	0.1495	-0.3057	0.2830	0.4711	0.5289
wIR[3, 4, 4]	-0.0003	-0.0005	0.1491	-0.2945	0.2949	0.4986	0.5014
wIR[4, 4, 4]	-0.0427	-0.0418	0.1471	-0.3338	0.2447	0.3846	0.6154
wIR[5, 4, 4]	0.0064	0.0065	0.1712	-0.3333	0.3433	0.5146	0.4854
wIR[6, 4, 4]	0.0061	0.0063	0.1457	-0.2806	0.2929	0.5167	0.4833
wIR[7, 4, 4]	0.0344	0.0332	0.1482	-0.2532	0.3277	0.5886	0.4114
wIR[8, 4, 4]	0.0073	0.0070	0.1428	-0.2743	0.2875	0.5194	0.4806

wIR[9, 4, 4]	0.0139	0.0138	0.1478	-0.2762	0.3036	0.5394	0.4606	
wIR[10, 4, 4]	0.0088	0.0080	0.1507	-0.2865	0.3061	0.5213	0.4787	
wIR[11, 4, 4]	0.0058	0.0063	0.1438	-0.2772	0.2878	0.5176	0.4824	
wIR[12, 4, 4]	0.0091	0.0095	0.1475	-0.2798	0.2982	0.5263	0.4737	
wIR[13, 4, 4]	-0.0287	-0.0283	0.1485	-0.3229	0.2607	0.4246	0.5754	
wIR[14, 4, 4]	-0.0133	-0.0128	0.1465	-0.3027	0.2734	0.4652	0.5348	
wIR[15, 4, 4]	-0.0145	-0.0138	0.1459	-0.3027	0.2703	0.4626	0.5374	
wIR[16, 4, 4]	-0.0392	-0.0389	0.1460	-0.3267	0.2481	0.3939	0.6061	
wIR[17, 4, 4]	0.0113	0.0103	0.1461	-0.2734	0.2998	0.5294	0.4706	
wIR[18, 4, 4]	-0.0311	-0.0307	0.1489	-0.3271	0.2588	0.4169	0.5831	
wIR[19, 4, 4]	0.0188	0.0178	0.1476	-0.2714	0.3105	0.5506	0.4494	
wIR[20, 4, 4]	0.0091	0.0093	0.1432	-0.2730	0.2905	0.5259	0.4741	
wIR[21, 4, 4]	0.0020	0.0018	0.1458	-0.2842	0.2917	0.5052	0.4948	
wIR[22, 4, 4]	0.0237	0.0237	0.1543	-0.2791	0.3295	0.5613	0.4387	
wIR[23, 4, 4]	0.0228	0.0224	0.1478	-0.2665	0.3161	0.5618	0.4382	
wIR[24, 4, 4]	0.0153	0.0147	0.1429	-0.2625	0.2981	0.5417	0.4583	
wIR[25, 4, 4]	0.0002	0.0003	0.1491	-0.2942	0.2932	0.5011	0.4989	
wIR[26, 4, 4]	0.0092	0.0091	0.1433	-0.2733	0.2923	0.5263	0.4737	
wIR[27, 4, 4]	0.0135	0.0131	0.1440	-0.2676	0.2955	0.5367	0.4633	
wIR[28, 4, 4]	0.0118	0.0121	0.1493	-0.2805	0.3054	0.5326	0.4674	
wIR[29, 4, 4]	0.0026	0.0022	0.1456	-0.2830	0.2907	0.5060	0.4940	
wIR[30, 4, 4]	0.0134	0.0122	0.1603	-0.3004	0.3321	0.5316	0.4684	
wIR[31, 4, 4]	-0.0222	-0.0218	0.1429	-0.3042	0.2576	0.4386	0.5614	
wIR[32, 4, 4]	-0.0107	-0.0104	0.1463	-0.3003	0.2752	0.4710	0.5290	
wIR[33, 4, 4]	-0.0202	-0.0197	0.1474	-0.3114	0.2691	0.4465	0.5535	
wIR[34, 4, 4]	-0.0189	-0.0186	0.1458	-0.3067	0.2666	0.4483	0.5517	
wIR[35, 4, 4]	-0.0064	-0.0061	0.1461	-0.2929	0.2814	0.4831	0.5169	
wIR[36, 4, 4]	-0.0279	-0.0271	0.1487	-0.3231	0.2613	0.4264	0.5736	
wIR[37, 4, 4]	-0.0402	-0.0401	0.1448	-0.3261	0.2420	0.3903	0.6097	
wIR[38, 4, 4]	0.0198	0.0197	0.1450	-0.2649	0.3048	0.5536	0.4464	
wIR[39, 4, 4]	-0.0193	-0.0187	0.1450	-0.3041	0.2636	0.4475	0.5525	
wIR[40, 4, 4]	-0.0180	-0.0170	0.1453	-0.3067	0.2652	0.4516	0.5484	
wIR[41, 4, 4]	0.0085	0.0085	0.1455	-0.2759	0.2960	0.5225	0.4775	
wIR[42, 4, 4]	0.0259	0.0257	0.1439	-0.2582	0.3093	0.5710	0.4290	
wIR[43, 4, 4]	0.0143	0.0140	0.1513	-0.2826	0.3127	0.5373	0.4627	
wIR[44, 4, 4]	0.0040	0.0043	0.1420	-0.2760	0.2844	0.5121	0.4879	
wIR[45, 4, 4]	0.0050	0.0043	0.1455	-0.2802	0.2923	0.5125	0.4875	
wIR[46, 4, 4]	0.0083	0.0084	0.1431	-0.2732	0.2894	0.5239	0.4761	
wIR[47, 4, 4]	0.0002	0.0000	0.1496	-0.2935	0.2955	0.4999	0.5001	
wIR[48, 4, 4]	-0.0026	-0.0024	0.1460	-0.2901	0.2836	0.4937	0.5063	
wIR[49, 4, 4]	0.0371	0.0365	0.1460	-0.2476	0.3264	0.5998	0.4002	
wIR[50, 4, 4]	0.0225	0.0226	0.1449	-0.2597	0.3090	0.5629	0.4371	
wIR[1, 5, 4]	-0.0413	-0.0403	0.1438	-0.3278	0.2404	0.3860	0.6140	
wIR[2, 5, 4]	0.0514	0.0510	0.1461	-0.2342	0.3396	0.6381	0.3619	
wIR[3, 5, 4]	-0.0029	-0.0032	0.1501	-0.2989	0.2915	0.4910	0.5090	
wIR[4, 5, 4]	0.0002	0.0012	0.1459	-0.2893	0.2847	0.5031	0.4969	
wIR[5, 5, 4]	-0.0399	-0.0384	0.1663	-0.3704	0.2841	0.4064	0.5936	
wIR[6, 5, 4]	-0.0671	-0.0658	0.1430	-0.3514	0.2128	0.3198	0.6802	*
wIR[7, 5, 4]	-0.0212	-0.0213	0.1450	-0.3078	0.2631	0.4410	0.5590	
wIR[8, 5, 4]	-0.0133	-0.0132	0.1412	-0.2930	0.2618	0.4623	0.5377	

wIR[9, 5, 4]	-0.0624	-0.0612	0.1458	-0.3515	0.2224	0.3345	0.6655	*
wIR[10, 5, 4]	-0.0597	-0.0585	0.1485	-0.3556	0.2295	0.3450	0.6550	*
wIR[11, 5, 4]	-0.0674	-0.0669	0.1423	-0.3506	0.2100	0.3169	0.6831	*
wIR[12, 5, 4]	0.0248	0.0235	0.1446	-0.2585	0.3109	0.5671	0.4329	
wIR[13, 5, 4]	-0.0286	-0.0285	0.1473	-0.3207	0.2619	0.4233	0.5767	
wIR[14, 5, 4]	0.0287	0.0287	0.1432	-0.2533	0.3108	0.5800	0.4200	
wIR[15, 5, 4]	0.0105	0.0100	0.1431	-0.2700	0.2938	0.5284	0.4716	
wIR[16, 5, 4]	-0.0155	-0.0149	0.1430	-0.3002	0.2639	0.4581	0.5419	
wIR[17, 5, 4]	0.0267	0.0264	0.1433	-0.2538	0.3101	0.5736	0.4264	
wIR[18, 5, 4]	0.0385	0.0376	0.1465	-0.2483	0.3304	0.6038	0.3962	
wIR[19, 5, 4]	0.0163	0.0162	0.1447	-0.2682	0.3017	0.5457	0.4543	
wIR[20, 5, 4]	0.0019	0.0020	0.1406	-0.2736	0.2778	0.5061	0.4939	
wIR[21, 5, 4]	-0.0574	-0.0575	0.1427	-0.3388	0.2214	0.3422	0.6578	*
wIR[22, 5, 4]	-0.0578	-0.0568	0.1506	-0.3555	0.2384	0.3489	0.6511	*
wIR[23, 5, 4]	-0.0826	-0.0807	0.1459	-0.3755	0.1986	0.2862	0.7138	*
wIR[24, 5, 4]	-0.0286	-0.0273	0.1398	-0.3069	0.2432	0.4217	0.5783	
wIR[25, 5, 4]	0.0009	0.0011	0.1508	-0.2968	0.2953	0.5029	0.4971	
wIR[26, 5, 4]	-0.0233	-0.0228	0.1415	-0.3034	0.2529	0.4361	0.5639	
wIR[27, 5, 4]	-0.0432	-0.0423	0.1421	-0.3258	0.2333	0.3792	0.6208	
wIR[28, 5, 4]	0.0274	0.0269	0.1454	-0.2597	0.3153	0.5758	0.4242	
wIR[29, 5, 4]	-0.0219	-0.0210	0.1434	-0.3046	0.2586	0.4409	0.5591	
wIR[30, 5, 4]	0.0157	0.0168	0.1558	-0.2904	0.3215	0.5422	0.4578	
wIR[31, 5, 4]	0.0145	0.0140	0.1405	-0.2598	0.2929	0.5399	0.4601	
wIR[32, 5, 4]	0.0382	0.0381	0.1456	-0.2474	0.3280	0.6056	0.3944	
wIR[33, 5, 4]	0.0361	0.0352	0.1439	-0.2464	0.3206	0.5992	0.4008	
wIR[34, 5, 4]	0.0074	0.0071	0.1432	-0.2727	0.2906	0.5207	0.4793	
wIR[35, 5, 4]	0.0159	0.0158	0.1436	-0.2677	0.3000	0.5450	0.4550	
wIR[36, 5, 4]	-0.0382	-0.0374	0.1460	-0.3282	0.2461	0.3977	0.6023	
wIR[37, 5, 4]	-0.0112	-0.0112	0.1422	-0.2935	0.2690	0.4681	0.5319	
wIR[38, 5, 4]	0.0195	0.0191	0.1430	-0.2619	0.3017	0.5548	0.4452	
wIR[39, 5, 4]	-0.0340	-0.0333	0.1424	-0.3162	0.2444	0.4051	0.5949	
wIR[40, 5, 4]	-0.0162	-0.0166	0.1438	-0.2990	0.2664	0.4525	0.5475	
wIR[41, 5, 4]	-0.0545	-0.0533	0.1431	-0.3367	0.2257	0.3525	0.6475	
wIR[42, 5, 4]	-0.0083	-0.0082	0.1422	-0.2892	0.2715	0.4771	0.5229	
wIR[43, 5, 4]	0.0272	0.0271	0.1480	-0.2592	0.3196	0.5716	0.4284	
wIR[44, 5, 4]	0.0335	0.0325	0.1404	-0.2409	0.3123	0.5934	0.4066	
wIR[45, 5, 4]	0.0306	0.0298	0.1424	-0.2480	0.3121	0.5851	0.4149	
wIR[46, 5, 4]	0.0353	0.0344	0.1400	-0.2390	0.3117	0.6003	0.3997	
wIR[47, 5, 4]	0.0006	0.0002	0.1508	-0.2972	0.2976	0.5005	0.4995	
wIR[48, 5, 4]	-0.0609	-0.0605	0.1434	-0.3455	0.2193	0.3338	0.6662	*
wIR[49, 5, 4]	-0.0197	-0.0189	0.1440	-0.3047	0.2619	0.4465	0.5535	
wIR[50, 5, 4]	-0.0672	-0.0663	0.1421	-0.3513	0.2077	0.3191	0.6809	*
wIR[1, 6, 4]	-0.0171	-0.0166	0.1466	-0.3047	0.2717	0.4540	0.5460	
wIR[2, 6, 4]	-0.0567	-0.0561	0.1483	-0.3514	0.2311	0.3516	0.6484	
wIR[3, 6, 4]	-0.0001	-0.0009	0.1479	-0.2901	0.2928	0.4973	0.5027	
wIR[4, 6, 4]	-0.0570	-0.0562	0.1465	-0.3501	0.2292	0.3485	0.6515	*
wIR[5, 6, 4]	-0.0259	-0.0253	0.1696	-0.3608	0.3053	0.4404	0.5596	
wIR[6, 6, 4]	0.0055	0.0055	0.1452	-0.2810	0.2891	0.5163	0.4837	
wIR[7, 6, 4]	-0.0056	-0.0051	0.1470	-0.2962	0.2848	0.4863	0.5137	
wIR[8, 6, 4]	-0.0402	-0.0397	0.1417	-0.3211	0.2364	0.3887	0.6113	

wIR[9, 6, 4]	0.0088	0.0087	0.1465	-0.2795	0.2971	0.5237	0.4763	
wIR[10, 6, 4]	0.0012	0.0017	0.1493	-0.2935	0.2944	0.5042	0.4958	
wIR[11, 6, 4]	-0.0168	-0.0176	0.1429	-0.2991	0.2642	0.4506	0.5494	
wIR[12, 6, 4]	-0.0474	-0.0466	0.1451	-0.3379	0.2369	0.3723	0.6277	
wIR[13, 6, 4]	-0.0367	-0.0360	0.1472	-0.3298	0.2510	0.4024	0.5976	
wIR[14, 6, 4]	-0.0500	-0.0488	0.1454	-0.3394	0.2323	0.3672	0.6328	
wIR[15, 6, 4]	-0.0482	-0.0474	0.1442	-0.3380	0.2302	0.3706	0.6294	
wIR[16, 6, 4]	-0.0491	-0.0476	0.1441	-0.3353	0.2314	0.3670	0.6330	
wIR[17, 6, 4]	-0.0520	-0.0509	0.1459	-0.3417	0.2308	0.3601	0.6399	
wIR[18, 6, 4]	-0.0340	-0.0333	0.1469	-0.3270	0.2544	0.4096	0.5904	
wIR[19, 6, 4]	-0.0364	-0.0360	0.1467	-0.3279	0.2507	0.4018	0.5982	
wIR[20, 6, 4]	-0.0398	-0.0396	0.1419	-0.3197	0.2394	0.3886	0.6114	
wIR[21, 6, 4]	-0.0084	-0.0083	0.1446	-0.2935	0.2767	0.4765	0.5235	
wIR[22, 6, 4]	0.0053	0.0057	0.1538	-0.2969	0.3074	0.5147	0.4853	
wIR[23, 6, 4]	0.0158	0.0161	0.1459	-0.2731	0.3019	0.5451	0.4549	
wIR[24, 6, 4]	-0.0152	-0.0151	0.1407	-0.2913	0.2591	0.4563	0.5437	
wIR[25, 6, 4]	0.0005	0.0007	0.1491	-0.2949	0.2953	0.5021	0.4979	
wIR[26, 6, 4]	0.0027	0.0028	0.1422	-0.2766	0.2826	0.5080	0.4920	
wIR[27, 6, 4]	-0.0060	-0.0064	0.1432	-0.2871	0.2764	0.4817	0.5183	
wIR[28, 6, 4]	-0.0291	-0.0279	0.1477	-0.3225	0.2603	0.4232	0.5768	
wIR[29, 6, 4]	-0.0061	-0.0062	0.1441	-0.2892	0.2782	0.4823	0.5177	
wIR[30, 6, 4]	-0.0596	-0.0584	0.1582	-0.3749	0.2492	0.3545	0.6455	
wIR[31, 6, 4]	-0.0521	-0.0515	0.1417	-0.3322	0.2247	0.3584	0.6416	
wIR[32, 6, 4]	-0.0202	-0.0204	0.1453	-0.3079	0.2656	0.4450	0.5550	
wIR[33, 6, 4]	-0.0661	-0.0652	0.1463	-0.3581	0.2198	0.3246	0.6754	*
wIR[34, 6, 4]	-0.0230	-0.0224	0.1449	-0.3105	0.2609	0.4366	0.5634	
wIR[35, 6, 4]	-0.0616	-0.0599	0.1459	-0.3535	0.2217	0.3356	0.6644	*
wIR[36, 6, 4]	0.0140	0.0140	0.1466	-0.2742	0.3022	0.5390	0.4610	
wIR[37, 6, 4]	-0.0266	-0.0259	0.1436	-0.3116	0.2539	0.4281	0.5719	
wIR[38, 6, 4]	-0.0366	-0.0360	0.1433	-0.3203	0.2432	0.3989	0.6011	
wIR[39, 6, 4]	-0.0260	-0.0257	0.1434	-0.3089	0.2545	0.4283	0.5717	
wIR[40, 6, 4]	-0.0369	-0.0366	0.1436	-0.3197	0.2443	0.3988	0.6012	
wIR[41, 6, 4]	-0.0120	-0.0113	0.1445	-0.2982	0.2711	0.4693	0.5307	
wIR[42, 6, 4]	-0.0151	-0.0152	0.1438	-0.2978	0.2688	0.4582	0.5418	
wIR[43, 6, 4]	0.0120	0.0108	0.1499	-0.2803	0.3086	0.5298	0.4702	
wIR[44, 6, 4]	-0.0582	-0.0570	0.1414	-0.3412	0.2167	0.3409	0.6591	*
wIR[45, 6, 4]	-0.0461	-0.0453	0.1436	-0.3309	0.2349	0.3738	0.6262	
wIR[46, 6, 4]	-0.0336	-0.0333	0.1416	-0.3137	0.2445	0.4058	0.5942	
wIR[47, 6, 4]	-0.0007	-0.0007	0.1482	-0.2933	0.2907	0.4980	0.5020	
wIR[48, 6, 4]	-0.0133	-0.0125	0.1445	-0.2986	0.2688	0.4649	0.5351	
wIR[49, 6, 4]	-0.0008	-0.0011	0.1438	-0.2844	0.2818	0.4972	0.5028	
wIR[50, 6, 4]	0.0209	0.0208	0.1429	-0.2570	0.3030	0.5583	0.4417	
wIR[1, 1, 5]	0.0023	0.0023	0.1447	-0.2828	0.2872	0.5066	0.4934	
wIR[2, 1, 5]	-0.0363	-0.0357	0.1493	-0.3312	0.2547	0.4048	0.5952	
wIR[3, 1, 5]	-0.0033	-0.0030	0.1438	-0.2868	0.2775	0.4914	0.5086	
wIR[4, 1, 5]	0.0148	0.0139	0.1458	-0.2695	0.3049	0.5392	0.4608	
wIR[5, 1, 5]	0.0231	0.0218	0.1468	-0.2637	0.3145	0.5606	0.4394	
wIR[6, 1, 5]	-0.0206	-0.0201	0.1493	-0.3152	0.2714	0.4464	0.5536	
wIR[7, 1, 5]	0.0217	0.0212	0.1455	-0.2615	0.3087	0.5590	0.4410	
wIR[8, 1, 5]	0.0156	0.0152	0.1465	-0.2701	0.3055	0.5405	0.4595	

wIR[9, 1, 5]	-0.0003	0.0001	0.1460	-0.2891	0.2866	0.5002	0.4998	
wIR[10, 1, 5]	0.0067	0.0064	0.1477	-0.2840	0.2972	0.5171	0.4829	
wIR[11, 1, 5]	0.0218	0.0210	0.1434	-0.2599	0.3069	0.5603	0.4397	
wIR[12, 1, 5]	0.0565	0.0548	0.1454	-0.2268	0.3465	0.6496	0.3504	
wIR[13, 1, 5]	0.0003	0.0002	0.1497	-0.2944	0.2953	0.5005	0.4995	
wIR[14, 1, 5]	0.0027	0.0031	0.1430	-0.2779	0.2819	0.5084	0.4916	
wIR[15, 1, 5]	-0.0168	-0.0165	0.1421	-0.2997	0.2617	0.4530	0.5470	
wIR[16, 1, 5]	-0.0308	-0.0300	0.1458	-0.3191	0.2558	0.4171	0.5829	
wIR[17, 1, 5]	0.0189	0.0187	0.1437	-0.2621	0.3009	0.5516	0.4484	
wIR[18, 1, 5]	0.0021	0.0022	0.1449	-0.2833	0.2860	0.5063	0.4937	
wIR[19, 1, 5]	0.0161	0.0157	0.1486	-0.2746	0.3115	0.5420	0.4580	
wIR[20, 1, 5]	-0.0225	-0.0221	0.1545	-0.3289	0.2791	0.4433	0.5567	
wIR[21, 1, 5]	-0.0096	-0.0091	0.1437	-0.2927	0.2727	0.4740	0.5260	
wIR[22, 1, 5]	0.0492	0.0486	0.1442	-0.2313	0.3354	0.6330	0.3670	
wIR[23, 1, 5]	0.0317	0.0306	0.1531	-0.2660	0.3344	0.5804	0.4196	
wIR[24, 1, 5]	0.0148	0.0139	0.1438	-0.2663	0.3006	0.5391	0.4609	
wIR[25, 1, 5]	-0.0001	0.0001	0.1503	-0.2961	0.2970	0.5002	0.4998	
wIR[26, 1, 5]	-0.0368	-0.0367	0.1464	-0.3255	0.2524	0.3990	0.6010	
wIR[27, 1, 5]	-0.0201	-0.0195	0.1484	-0.3151	0.2707	0.4465	0.5535	
wIR[28, 1, 5]	0.0821	0.0798	0.1552	-0.2173	0.3932	0.7004	0.2996	*
wIR[29, 1, 5]	0.0271	0.0264	0.1457	-0.2564	0.3157	0.5721	0.4279	
wIR[30, 1, 5]	-0.0138	-0.0129	0.1456	-0.3024	0.2695	0.4630	0.5370	
wIR[31, 1, 5]	-0.0285	-0.0277	0.1448	-0.3155	0.2544	0.4218	0.5782	
wIR[32, 1, 5]	-0.0101	-0.0099	0.1447	-0.2940	0.2753	0.4721	0.5279	
wIR[33, 1, 5]	0.0340	0.0333	0.1455	-0.2500	0.3242	0.5919	0.4081	
wIR[34, 1, 5]	-0.0104	-0.0111	0.1457	-0.2968	0.2755	0.4697	0.5303	
wIR[35, 1, 5]	0.0326	0.0316	0.1444	-0.2492	0.3183	0.5880	0.4120	
wIR[36, 1, 5]	-0.0013	-0.0018	0.1497	-0.2947	0.2942	0.4952	0.5048	
wIR[37, 1, 5]	-0.0299	-0.0294	0.1431	-0.3112	0.2503	0.4163	0.5837	
wIR[38, 1, 5]	0.0191	0.0185	0.1432	-0.2627	0.3014	0.5533	0.4467	
wIR[39, 1, 5]	-0.0175	-0.0175	0.1427	-0.2992	0.2609	0.4507	0.5493	
wIR[40, 1, 5]	-0.0191	-0.0192	0.1460	-0.3093	0.2678	0.4479	0.5521	
wIR[41, 1, 5]	0.0005	-0.0002	0.1452	-0.2869	0.2858	0.4994	0.5006	
wIR[42, 1, 5]	0.0094	0.0087	0.1488	-0.2817	0.3019	0.5237	0.4763	
wIR[43, 1, 5]	0.0532	0.0522	0.1467	-0.2338	0.3461	0.6412	0.3588	
wIR[44, 1, 5]	-0.0092	-0.0097	0.1470	-0.3000	0.2809	0.4732	0.5268	
wIR[45, 1, 5]	0.0118	0.0112	0.1450	-0.2717	0.2986	0.5314	0.4686	
wIR[46, 1, 5]	0.0310	0.0295	0.1488	-0.2599	0.3276	0.5820	0.4180	
wIR[47, 1, 5]	0.0000	-0.0004	0.1500	-0.2947	0.2926	0.4987	0.5013	
wIR[48, 1, 5]	-0.0005	0.0001	0.1445	-0.2848	0.2835	0.5004	0.4996	
wIR[49, 1, 5]	0.0209	0.0208	0.1435	-0.2598	0.3064	0.5586	0.4414	
wIR[50, 1, 5]	0.0192	0.0193	0.1425	-0.2605	0.3005	0.5542	0.4458	
wIR[1, 2, 5]	-0.0302	-0.0297	0.1464	-0.3194	0.2555	0.4189	0.5811	
wIR[2, 2, 5]	-0.0225	-0.0217	0.1509	-0.3212	0.2725	0.4426	0.5574	
wIR[3, 2, 5]	-0.0038	-0.0040	0.1453	-0.2914	0.2824	0.4890	0.5110	
wIR[4, 2, 5]	-0.0075	-0.0073	0.1471	-0.2962	0.2819	0.4798	0.5202	
wIR[5, 2, 5]	-0.0926	-0.0900	0.1503	-0.3961	0.1971	0.2688	0.7312	*
wIR[6, 2, 5]	0.0061	0.0059	0.1507	-0.2910	0.3020	0.5163	0.4837	
wIR[7, 2, 5]	0.0074	0.0070	0.1455	-0.2764	0.2920	0.5192	0.4808	
wIR[8, 2, 5]	0.0093	0.0085	0.1467	-0.2777	0.2977	0.5240	0.4760	

wIR[9, 2, 5]	0.0136	0.0136	0.1474	-0.2781	0.3040	0.5372	0.4628
wIR[10, 2, 5]	-0.0294	-0.0283	0.1482	-0.3237	0.2599	0.4208	0.5792
wIR[11, 2, 5]	0.0053	0.0052	0.1439	-0.2781	0.2874	0.5139	0.4861
wIR[12, 2, 5]	0.0280	0.0281	0.1460	-0.2576	0.3172	0.5775	0.4225
wIR[13, 2, 5]	0.0009	0.0008	0.1504	-0.2951	0.2980	0.5023	0.4977
wIR[14, 2, 5]	-0.0032	-0.0036	0.1441	-0.2866	0.2804	0.4900	0.5100
wIR[15, 2, 5]	0.0367	0.0362	0.1435	-0.2419	0.3207	0.6015	0.3985
wIR[16, 2, 5]	-0.0322	-0.0325	0.1473	-0.3244	0.2571	0.4097	0.5903
wIR[17, 2, 5]	-0.0032	-0.0033	0.1440	-0.2878	0.2807	0.4904	0.5096
wIR[18, 2, 5]	0.0194	0.0189	0.1461	-0.2662	0.3071	0.5531	0.4469
wIR[19, 2, 5]	-0.0330	-0.0319	0.1501	-0.3307	0.2605	0.4134	0.5866
wIR[20, 2, 5]	0.0075	0.0079	0.1568	-0.2996	0.3171	0.5205	0.4795
wIR[21, 2, 5]	0.0263	0.0264	0.1449	-0.2599	0.3118	0.5726	0.4274
wIR[22, 2, 5]	0.0526	0.0515	0.1459	-0.2321	0.3419	0.6420	0.3580
wIR[23, 2, 5]	0.0084	0.0085	0.1538	-0.2927	0.3108	0.5217	0.4783
wIR[24, 2, 5]	-0.0054	-0.0056	0.1449	-0.2911	0.2816	0.4845	0.5155
wIR[25, 2, 5]	0.0003	0.0009	0.1508	-0.2958	0.2976	0.5022	0.4978
wIR[26, 2, 5]	0.0097	0.0099	0.1481	-0.2825	0.3028	0.5269	0.4731
wIR[27, 2, 5]	-0.0079	-0.0072	0.1493	-0.3033	0.2856	0.4803	0.5197
wIR[28, 2, 5]	-0.0089	-0.0086	0.1560	-0.3165	0.2969	0.4786	0.5214
wIR[29, 2, 5]	0.0019	0.0023	0.1460	-0.2842	0.2893	0.5056	0.4944
wIR[30, 2, 5]	0.0133	0.0132	0.1467	-0.2744	0.3023	0.5360	0.4640
wIR[31, 2, 5]	0.0041	0.0043	0.1454	-0.2796	0.2904	0.5122	0.4878
wIR[32, 2, 5]	-0.0012	-0.0013	0.1473	-0.2911	0.2878	0.4966	0.5034
wIR[33, 2, 5]	0.0017	0.0020	0.1463	-0.2879	0.2890	0.5055	0.4945
wIR[34, 2, 5]	0.0333	0.0319	0.1471	-0.2547	0.3241	0.5879	0.4121
wIR[35, 2, 5]	-0.0002	0.0002	0.1453	-0.2853	0.2869	0.5006	0.4994
wIR[36, 2, 5]	-0.0007	-0.0006	0.1504	-0.2981	0.2948	0.4983	0.5017
wIR[37, 2, 5]	0.0082	0.0087	0.1440	-0.2756	0.2908	0.5249	0.4751
wIR[38, 2, 5]	-0.0051	-0.0054	0.1446	-0.2899	0.2798	0.4848	0.5152
wIR[39, 2, 5]	-0.0012	-0.0009	0.1444	-0.2851	0.2811	0.4977	0.5023
wIR[40, 2, 5]	-0.0189	-0.0187	0.1475	-0.3093	0.2717	0.4486	0.5514
wIR[41, 2, 5]	0.0116	0.0118	0.1457	-0.2742	0.2972	0.5340	0.4660
wIR[42, 2, 5]	0.0186	0.0180	0.1502	-0.2770	0.3153	0.5483	0.4517
wIR[43, 2, 5]	-0.0103	-0.0108	0.1464	-0.2986	0.2778	0.4702	0.5298
wIR[44, 2, 5]	0.0043	0.0040	0.1484	-0.2853	0.2980	0.5111	0.4889
wIR[45, 2, 5]	0.0199	0.0192	0.1456	-0.2641	0.3084	0.5520	0.4480
wIR[46, 2, 5]	-0.0236	-0.0237	0.1496	-0.3172	0.2684	0.4363	0.5637
wIR[47, 2, 5]	-0.0001	0.0003	0.1505	-0.2981	0.2966	0.5009	0.4991
wIR[48, 2, 5]	0.0221	0.0221	0.1461	-0.2673	0.3082	0.5620	0.4380
wIR[49, 2, 5]	0.0269	0.0259	0.1444	-0.2570	0.3101	0.5731	0.4269
wIR[50, 2, 5]	-0.0078	-0.0076	0.1437	-0.2903	0.2745	0.4780	0.5220
wIR[1, 3, 5]	0.0178	0.0172	0.1460	-0.2680	0.3056	0.5467	0.4533
wIR[2, 3, 5]	0.0035	0.0034	0.1508	-0.2925	0.3002	0.5100	0.4900
wIR[3, 3, 5]	-0.0002	0.0002	0.1442	-0.2819	0.2830	0.5005	0.4995
wIR[4, 3, 5]	0.0001	0.0013	0.1465	-0.2897	0.2869	0.5036	0.4964
wIR[5, 3, 5]	0.0446	0.0438	0.1490	-0.2469	0.3405	0.6166	0.3834
wIR[6, 3, 5]	0.0045	0.0044	0.1494	-0.2910	0.2992	0.5116	0.4884
wIR[7, 3, 5]	0.0254	0.0245	0.1457	-0.2600	0.3128	0.5682	0.4318
wIR[8, 3, 5]	-0.0274	-0.0263	0.1468	-0.3207	0.2576	0.4275	0.5725

wIR[9, 3, 5]	-0.0241	-0.0232	0.1481	-0.3182	0.2668	0.4360	0.5640	
wIR[10, 3, 5]	-0.0231	-0.0229	0.1488	-0.3161	0.2675	0.4366	0.5634	
wIR[11, 3, 5]	-0.0069	-0.0071	0.1442	-0.2917	0.2772	0.4800	0.5200	
wIR[12, 3, 5]	-0.0054	-0.0060	0.1452	-0.2917	0.2815	0.4828	0.5172	
wIR[13, 3, 5]	-0.0004	-0.0004	0.1492	-0.2935	0.2927	0.4990	0.5010	
wIR[14, 3, 5]	0.0014	0.0015	0.1434	-0.2795	0.2813	0.5043	0.4957	
wIR[15, 3, 5]	-0.0308	-0.0309	0.1433	-0.3134	0.2493	0.4139	0.5861	
wIR[16, 3, 5]	0.0021	0.0025	0.1464	-0.2854	0.2883	0.5074	0.4926	
wIR[17, 3, 5]	-0.0152	-0.0142	0.1440	-0.2978	0.2687	0.4598	0.5402	
wIR[18, 3, 5]	0.0069	0.0061	0.1461	-0.2787	0.2959	0.5177	0.4823	
wIR[19, 3, 5]	0.0077	0.0072	0.1500	-0.2880	0.3033	0.5203	0.4797	
wIR[20, 3, 5]	0.0109	0.0110	0.1564	-0.2963	0.3191	0.5290	0.4710	
wIR[21, 3, 5]	-0.0004	0.0001	0.1444	-0.2840	0.2820	0.5003	0.4997	
wIR[22, 3, 5]	0.0065	0.0060	0.1447	-0.2749	0.2933	0.5166	0.4834	
wIR[23, 3, 5]	0.0072	0.0067	0.1537	-0.2929	0.3092	0.5169	0.4831	
wIR[24, 3, 5]	0.0110	0.0102	0.1445	-0.2723	0.2978	0.5285	0.4715	
wIR[25, 3, 5]	0.0005	0.0010	0.1494	-0.2935	0.2956	0.5026	0.4974	
wIR[26, 3, 5]	0.0001	0.0006	0.1479	-0.2913	0.2916	0.5015	0.4985	
wIR[27, 3, 5]	-0.0123	-0.0128	0.1493	-0.3060	0.2815	0.4648	0.5352	
wIR[28, 3, 5]	0.0110	0.0107	0.1568	-0.2983	0.3203	0.5283	0.4717	
wIR[29, 3, 5]	-0.0002	-0.0001	0.1459	-0.2868	0.2876	0.4996	0.5004	
wIR[30, 3, 5]	-0.0630	-0.0617	0.1470	-0.3555	0.2228	0.3350	0.6650	*
wIR[31, 3, 5]	-0.0028	-0.0018	0.1454	-0.2909	0.2815	0.4951	0.5049	
wIR[32, 3, 5]	0.0074	0.0075	0.1467	-0.2816	0.2976	0.5207	0.4793	
wIR[33, 3, 5]	0.0072	0.0069	0.1458	-0.2795	0.2956	0.5196	0.4804	
wIR[34, 3, 5]	-0.0114	-0.0111	0.1466	-0.3006	0.2796	0.4692	0.5308	
wIR[35, 3, 5]	-0.0001	-0.0009	0.1456	-0.2852	0.2884	0.4974	0.5026	
wIR[36, 3, 5]	0.0000	0.0004	0.1492	-0.2920	0.2942	0.5011	0.4989	
wIR[37, 3, 5]	0.0032	0.0035	0.1440	-0.2804	0.2855	0.5097	0.4903	
wIR[38, 3, 5]	0.0152	0.0149	0.1443	-0.2665	0.3002	0.5403	0.4597	
wIR[39, 3, 5]	-0.0001	-0.0003	0.1443	-0.2847	0.2854	0.4993	0.5007	
wIR[40, 3, 5]	-0.0119	-0.0106	0.1474	-0.3026	0.2762	0.4706	0.5294	
wIR[41, 3, 5]	-0.0003	-0.0004	0.1461	-0.2880	0.2880	0.4988	0.5012	
wIR[42, 3, 5]	-0.0122	-0.0125	0.1504	-0.3079	0.2834	0.4667	0.5333	
wIR[43, 3, 5]	0.0036	0.0040	0.1466	-0.2851	0.2908	0.5109	0.4891	
wIR[44, 3, 5]	-0.0116	-0.0113	0.1484	-0.3055	0.2808	0.4694	0.5306	
wIR[45, 3, 5]	-0.0194	-0.0188	0.1458	-0.3078	0.2653	0.4481	0.5519	
wIR[46, 3, 5]	0.0135	0.0135	0.1485	-0.2781	0.3077	0.5365	0.4635	
wIR[47, 3, 5]	-0.0007	-0.0013	0.1497	-0.2953	0.2955	0.4966	0.5034	
wIR[48, 3, 5]	0.0019	0.0019	0.1455	-0.2857	0.2862	0.5054	0.4946	
wIR[49, 3, 5]	0.0008	0.0012	0.1443	-0.2836	0.2854	0.5031	0.4969	
wIR[50, 3, 5]	0.0188	0.0193	0.1428	-0.2635	0.3016	0.5549	0.4451	
wIR[1, 4, 5]	0.0268	0.0256	0.1458	-0.2568	0.3159	0.5709	0.4291	
wIR[2, 4, 5]	0.0329	0.0328	0.1494	-0.2592	0.3284	0.5877	0.4123	
wIR[3, 4, 5]	0.0012	0.0018	0.1445	-0.2831	0.2848	0.5047	0.4953	
wIR[4, 4, 5]	0.0322	0.0312	0.1464	-0.2531	0.3225	0.5861	0.4139	
wIR[5, 4, 5]	0.0087	0.0087	0.1478	-0.2814	0.3009	0.5236	0.4764	
wIR[6, 4, 5]	0.0227	0.0223	0.1500	-0.2718	0.3191	0.5601	0.4399	
wIR[7, 4, 5]	-0.0070	-0.0069	0.1446	-0.2933	0.2766	0.4812	0.5188	
wIR[8, 4, 5]	0.0025	0.0017	0.1472	-0.2857	0.2926	0.5046	0.4954	

wIR[9, 4, 5]	-0.0018	-0.0013	0.1460	-0.2876	0.2857	0.4964	0.5036	
wIR[10, 4, 5]	0.0179	0.0171	0.1485	-0.2712	0.3118	0.5464	0.4536	
wIR[11, 4, 5]	0.0053	0.0048	0.1432	-0.2764	0.2872	0.5136	0.4864	
wIR[12, 4, 5]	-0.0207	-0.0196	0.1452	-0.3073	0.2651	0.4451	0.5549	
wIR[13, 4, 5]	-0.0001	0.0005	0.1498	-0.2968	0.2932	0.5015	0.4985	
wIR[14, 4, 5]	0.0143	0.0138	0.1425	-0.2649	0.2956	0.5393	0.4607	
wIR[15, 4, 5]	0.0086	0.0085	0.1423	-0.2688	0.2902	0.5234	0.4766	
wIR[16, 4, 5]	0.0249	0.0242	0.1464	-0.2627	0.3139	0.5664	0.4336	
wIR[17, 4, 5]	0.0256	0.0249	0.1432	-0.2537	0.3083	0.5702	0.4298	
wIR[18, 4, 5]	-0.0035	-0.0035	0.1455	-0.2884	0.2832	0.4906	0.5094	
wIR[19, 4, 5]	0.0274	0.0267	0.1494	-0.2645	0.3218	0.5720	0.4280	
wIR[20, 4, 5]	-0.0198	-0.0197	0.1555	-0.3259	0.2852	0.4494	0.5506	
wIR[21, 4, 5]	-0.0136	-0.0136	0.1437	-0.2969	0.2680	0.4620	0.5380	
wIR[22, 4, 5]	-0.0420	-0.0421	0.1439	-0.3262	0.2404	0.3842	0.6158	
wIR[23, 4, 5]	-0.0657	-0.0647	0.1537	-0.3706	0.2362	0.3322	0.6678	*
wIR[24, 4, 5]	-0.0201	-0.0189	0.1441	-0.3049	0.2605	0.4460	0.5540	
wIR[25, 4, 5]	-0.0002	0.0002	0.1492	-0.2934	0.2928	0.5006	0.4994	
wIR[26, 4, 5]	-0.0036	-0.0040	0.1465	-0.2927	0.2843	0.4889	0.5111	
wIR[27, 4, 5]	-0.0158	-0.0151	0.1488	-0.3094	0.2748	0.4576	0.5424	
wIR[28, 4, 5]	-0.0339	-0.0331	0.1554	-0.3425	0.2673	0.4143	0.5857	
wIR[29, 4, 5]	-0.0363	-0.0359	0.1452	-0.3220	0.2472	0.4009	0.5991	
wIR[30, 4, 5]	0.0275	0.0269	0.1469	-0.2618	0.3177	0.5731	0.4269	
wIR[31, 4, 5]	0.0182	0.0180	0.1449	-0.2667	0.3036	0.5488	0.4512	
wIR[32, 4, 5]	0.0179	0.0181	0.1461	-0.2677	0.3043	0.5498	0.4502	
wIR[33, 4, 5]	0.0184	0.0177	0.1458	-0.2684	0.3061	0.5495	0.4505	
wIR[34, 4, 5]	0.0274	0.0270	0.1458	-0.2589	0.3150	0.5744	0.4256	
wIR[35, 4, 5]	0.0264	0.0264	0.1443	-0.2559	0.3126	0.5728	0.4272	
wIR[36, 4, 5]	-0.0012	-0.0003	0.1491	-0.2952	0.2905	0.4991	0.5009	
wIR[37, 4, 5]	0.0292	0.0291	0.1437	-0.2516	0.3127	0.5811	0.4189	
wIR[38, 4, 5]	-0.0163	-0.0153	0.1444	-0.3012	0.2675	0.4569	0.5431	
wIR[39, 4, 5]	0.0286	0.0284	0.1426	-0.2497	0.3101	0.5796	0.4204	
wIR[40, 4, 5]	0.0501	0.0494	0.1461	-0.2364	0.3397	0.6356	0.3644	
wIR[41, 4, 5]	-0.0043	-0.0038	0.1453	-0.2889	0.2834	0.4890	0.5110	
wIR[42, 4, 5]	0.0034	0.0031	0.1498	-0.2917	0.2982	0.5083	0.4917	
wIR[43, 4, 5]	-0.0248	-0.0246	0.1468	-0.3146	0.2637	0.4306	0.5694	
wIR[44, 4, 5]	-0.0019	-0.0026	0.1475	-0.2900	0.2884	0.4930	0.5070	
wIR[45, 4, 5]	-0.0098	-0.0099	0.1448	-0.2964	0.2737	0.4740	0.5260	
wIR[46, 4, 5]	-0.0064	-0.0054	0.1490	-0.3006	0.2856	0.4849	0.5151	
wIR[47, 4, 5]	-0.0003	0.0000	0.1492	-0.2940	0.2936	0.4999	0.5001	
wIR[48, 4, 5]	0.0002	0.0001	0.1452	-0.2858	0.2853	0.5004	0.4996	
wIR[49, 4, 5]	-0.0328	-0.0328	0.1434	-0.3175	0.2461	0.4092	0.5908	
wIR[50, 4, 5]	-0.0226	-0.0223	0.1429	-0.3041	0.2573	0.4371	0.5629	
wIR[1, 5, 5]	-0.0365	-0.0358	0.1427	-0.3192	0.2440	0.3996	0.6004	
wIR[2, 5, 5]	0.0488	0.0476	0.1468	-0.2364	0.3419	0.6296	0.3704	
wIR[3, 5, 5]	-0.0116	-0.0113	0.1441	-0.2980	0.2704	0.4684	0.5316	
wIR[4, 5, 5]	0.0752	0.0738	0.1448	-0.2075	0.3633	0.6991	0.3009	*
wIR[5, 5, 5]	0.0804	0.0780	0.1464	-0.2024	0.3750	0.7085	0.2915	*
wIR[6, 5, 5]	-0.0946	-0.0935	0.1464	-0.3869	0.1903	0.2570	0.7430	*
wIR[7, 5, 5]	-0.0542	-0.0527	0.1422	-0.3378	0.2218	0.3500	0.6500	*
wIR[8, 5, 5]	0.0045	0.0042	0.1434	-0.2771	0.2872	0.5119	0.4881	

wIR[9, 5, 5]	-0.0747	-0.0735	0.1442	-0.3618	0.2040	0.3022	0.6978	*
wIR[10, 5, 5]	-0.0163	-0.0158	0.1465	-0.3059	0.2722	0.4560	0.5440	
wIR[11, 5, 5]	-0.0543	-0.0531	0.1404	-0.3329	0.2200	0.3499	0.6501	*
wIR[12, 5, 5]	-0.0040	-0.0041	0.1420	-0.2810	0.2771	0.4884	0.5116	
wIR[13, 5, 5]	0.0003	-0.0003	0.1507	-0.2950	0.2975	0.4989	0.5011	
wIR[14, 5, 5]	0.0404	0.0397	0.1403	-0.2341	0.3198	0.6134	0.3866	
wIR[15, 5, 5]	-0.0038	-0.0036	0.1406	-0.2796	0.2729	0.4897	0.5103	
wIR[16, 5, 5]	-0.0090	-0.0089	0.1425	-0.2892	0.2699	0.4745	0.5255	
wIR[17, 5, 5]	0.0101	0.0101	0.1405	-0.2652	0.2884	0.5290	0.4710	
wIR[18, 5, 5]	-0.0074	-0.0064	0.1434	-0.2904	0.2736	0.4821	0.5179	
wIR[19, 5, 5]	0.0178	0.0174	0.1452	-0.2671	0.3035	0.5481	0.4519	
wIR[20, 5, 5]	-0.0599	-0.0581	0.1527	-0.3645	0.2368	0.3474	0.6526	*
wIR[21, 5, 5]	-0.0685	-0.0672	0.1412	-0.3505	0.2054	0.3138	0.6862	*
wIR[22, 5, 5]	-0.0641	-0.0631	0.1421	-0.3473	0.2111	0.3266	0.6734	*
wIR[23, 5, 5]	-0.0196	-0.0187	0.1497	-0.3143	0.2729	0.4488	0.5512	
wIR[24, 5, 5]	0.0215	0.0206	0.1415	-0.2541	0.3025	0.5600	0.4400	
wIR[25, 5, 5]	-0.0004	0.0003	0.1512	-0.2981	0.2964	0.5008	0.4992	
wIR[26, 5, 5]	-0.0439	-0.0434	0.1453	-0.3318	0.2393	0.3807	0.6193	
wIR[27, 5, 5]	-0.0202	-0.0195	0.1458	-0.3073	0.2654	0.4462	0.5538	
wIR[28, 5, 5]	0.0430	0.0412	0.1513	-0.2524	0.3431	0.6091	0.3909	
wIR[29, 5, 5]	0.0708	0.0699	0.1434	-0.2075	0.3570	0.6907	0.3093	*
wIR[30, 5, 5]	-0.0163	-0.0160	0.1446	-0.3021	0.2669	0.4551	0.5449	
wIR[31, 5, 5]	-0.0280	-0.0280	0.1424	-0.3101	0.2497	0.4205	0.5795	
wIR[32, 5, 5]	0.0138	0.0128	0.1427	-0.2653	0.2961	0.5354	0.4646	
wIR[33, 5, 5]	0.0539	0.0527	0.1428	-0.2225	0.3377	0.6461	0.3539	
wIR[34, 5, 5]	-0.0297	-0.0290	0.1427	-0.3129	0.2513	0.4171	0.5829	
wIR[35, 5, 5]	0.0539	0.0531	0.1427	-0.2233	0.3375	0.6474	0.3526	
wIR[36, 5, 5]	-0.0003	0.0002	0.1507	-0.2966	0.2938	0.5006	0.4994	
wIR[37, 5, 5]	-0.0027	-0.0031	0.1411	-0.2793	0.2740	0.4910	0.5090	
wIR[38, 5, 5]	0.0269	0.0264	0.1423	-0.2513	0.3078	0.5741	0.4259	
wIR[39, 5, 5]	-0.0451	-0.0442	0.1413	-0.3254	0.2310	0.3740	0.6260	
wIR[40, 5, 5]	-0.0336	-0.0328	0.1446	-0.3197	0.2487	0.4106	0.5894	
wIR[41, 5, 5]	-0.0190	-0.0188	0.1423	-0.3025	0.2568	0.4466	0.5534	
wIR[42, 5, 5]	-0.0552	-0.0548	0.1464	-0.3439	0.2308	0.3544	0.6456	
wIR[43, 5, 5]	0.0765	0.0741	0.1447	-0.2021	0.3667	0.6996	0.3004	*
wIR[44, 5, 5]	-0.0072	-0.0068	0.1458	-0.2941	0.2790	0.4815	0.5185	
wIR[45, 5, 5]	0.0109	0.0101	0.1419	-0.2680	0.2927	0.5279	0.4721	
wIR[46, 5, 5]	0.0664	0.0660	0.1465	-0.2192	0.3587	0.6761	0.3239	*
wIR[47, 5, 5]	-0.0002	-0.0002	0.1506	-0.2979	0.2952	0.4996	0.5004	
wIR[48, 5, 5]	-0.0831	-0.0818	0.1435	-0.3687	0.1955	0.2813	0.7187	*
wIR[49, 5, 5]	-0.0234	-0.0240	0.1410	-0.3009	0.2542	0.4308	0.5692	
wIR[50, 5, 5]	-0.0032	-0.0027	0.1393	-0.2776	0.2717	0.4925	0.5075	
wIR[1, 6, 5]	0.0405	0.0399	0.1442	-0.2415	0.3244	0.6109	0.3891	
wIR[2, 6, 5]	0.0023	0.0025	0.1490	-0.2909	0.2946	0.5064	0.4936	
wIR[3, 6, 5]	0.0052	0.0053	0.1430	-0.2760	0.2871	0.5148	0.4852	
wIR[4, 6, 5]	-0.0332	-0.0326	0.1448	-0.3189	0.2508	0.4102	0.5898	
wIR[5, 6, 5]	-0.0015	-0.0014	0.1459	-0.2884	0.2865	0.4957	0.5043	
wIR[6, 6, 5]	0.0587	0.0584	0.1475	-0.2288	0.3508	0.6550	0.3450	*
wIR[7, 6, 5]	0.0246	0.0242	0.1431	-0.2555	0.3070	0.5684	0.4316	
wIR[8, 6, 5]	-0.0004	0.0001	0.1450	-0.2852	0.2830	0.5002	0.4998	

wIR[9, 6, 5]	0.0556	0.0542	0.1451	-0.2265	0.3454	0.6483	0.3517
wIR[10, 6, 5]	0.0429	0.0413	0.1462	-0.2434	0.3321	0.6144	0.3856
wIR[11, 6, 5]	0.0367	0.0362	0.1424	-0.2426	0.3172	0.6031	0.3969
wIR[12, 6, 5]	0.0272	0.0266	0.1439	-0.2546	0.3109	0.5735	0.4265
wIR[13, 6, 5]	0.0003	0.0010	0.1484	-0.2912	0.2917	0.5026	0.4974
wIR[14, 6, 5]	0.0126	0.0123	0.1414	-0.2636	0.2899	0.5340	0.4660
wIR[15, 6, 5]	0.0099	0.0094	0.1410	-0.2649	0.2895	0.5275	0.4725
wIR[16, 6, 5]	-0.0023	-0.0029	0.1446	-0.2879	0.2818	0.4923	0.5077
wIR[17, 6, 5]	0.0191	0.0182	0.1420	-0.2572	0.2996	0.5514	0.4486
wIR[18, 6, 5]	0.0509	0.0504	0.1446	-0.2304	0.3413	0.6372	0.3628
wIR[19, 6, 5]	-0.0048	-0.0049	0.1474	-0.2949	0.2836	0.4868	0.5132
wIR[20, 6, 5]	0.0408	0.0396	0.1543	-0.2600	0.3478	0.6031	0.3969
wIR[21, 6, 5]	0.0311	0.0306	0.1426	-0.2479	0.3134	0.5857	0.4143
wIR[22, 6, 5]	0.0262	0.0263	0.1426	-0.2516	0.3066	0.5721	0.4279
wIR[23, 6, 5]	0.0203	0.0203	0.1515	-0.2777	0.3198	0.5548	0.4452
wIR[24, 6, 5]	-0.0170	-0.0166	0.1424	-0.2991	0.2613	0.4533	0.5467
wIR[25, 6, 5]	-0.0001	0.0000	0.1489	-0.2937	0.2935	0.5000	0.5000
wIR[26, 6, 5]	0.0362	0.0356	0.1464	-0.2492	0.3256	0.5980	0.4020
wIR[27, 6, 5]	0.0253	0.0244	0.1469	-0.2630	0.3170	0.5675	0.4325
wIR[28, 6, 5]	0.0105	0.0097	0.1536	-0.2917	0.3143	0.5253	0.4747
wIR[29, 6, 5]	-0.0178	-0.0180	0.1445	-0.3016	0.2653	0.4495	0.5505
wIR[30, 6, 5]	0.0396	0.0378	0.1452	-0.2423	0.3297	0.6042	0.3958
wIR[31, 6, 5]	0.0222	0.0214	0.1441	-0.2600	0.3063	0.5598	0.4402
wIR[32, 6, 5]	0.0121	0.0122	0.1446	-0.2731	0.2974	0.5340	0.4660
wIR[33, 6, 5]	0.0036	0.0040	0.1442	-0.2785	0.2872	0.5112	0.4888
wIR[34, 6, 5]	0.0476	0.0472	0.1444	-0.2348	0.3329	0.6299	0.3701
wIR[35, 6, 5]	-0.0132	-0.0136	0.1434	-0.2968	0.2663	0.4621	0.5379
wIR[36, 6, 5]	0.0002	0.0006	0.1482	-0.2918	0.2922	0.5018	0.4982
wIR[37, 6, 5]	0.0184	0.0179	0.1422	-0.2586	0.2985	0.5518	0.4482
wIR[38, 6, 5]	0.0113	0.0110	0.1424	-0.2684	0.2920	0.5309	0.4691
wIR[39, 6, 5]	0.0292	0.0290	0.1418	-0.2480	0.3103	0.5816	0.4184
wIR[40, 6, 5]	0.0179	0.0183	0.1452	-0.2656	0.3044	0.5509	0.4491
wIR[41, 6, 5]	0.0019	0.0014	0.1439	-0.2796	0.2866	0.5042	0.4958
wIR[42, 6, 5]	0.0370	0.0365	0.1478	-0.2514	0.3305	0.5986	0.4014
wIR[43, 6, 5]	-0.0114	-0.0108	0.1449	-0.2997	0.2732	0.4703	0.5297
wIR[44, 6, 5]	0.0104	0.0099	0.1461	-0.2771	0.2992	0.5278	0.4722
wIR[45, 6, 5]	0.0098	0.0098	0.1435	-0.2711	0.2927	0.5274	0.4726
wIR[46, 6, 5]	-0.0175	-0.0170	0.1467	-0.3074	0.2702	0.4538	0.5462
wIR[47, 6, 5]	-0.0004	-0.0006	0.1486	-0.2922	0.2923	0.4986	0.5014
wIR[48, 6, 5]	0.0306	0.0305	0.1436	-0.2505	0.3140	0.5853	0.4147
wIR[49, 6, 5]	0.0275	0.0268	0.1423	-0.2479	0.3089	0.5739	0.4261
wIR[50, 6, 5]	0.0249	0.0240	0.1417	-0.2502	0.3050	0.5686	0.4314
wIR[1, 1, 6]	0.0230	0.0224	0.1449	-0.2612	0.3097	0.5634	0.4366
wIR[2, 1, 6]	0.0256	0.0251	0.1456	-0.2602	0.3117	0.5703	0.4297
wIR[3, 1, 6]	-0.0029	-0.0024	0.1452	-0.2885	0.2822	0.4936	0.5064
wIR[4, 1, 6]	0.0070	0.0070	0.1424	-0.2709	0.2877	0.5196	0.4804
wIR[5, 1, 6]	0.0462	0.0453	0.1455	-0.2379	0.3365	0.6251	0.3749
wIR[6, 1, 6]	0.0070	0.0063	0.1489	-0.2855	0.3018	0.5168	0.4832
wIR[7, 1, 6]	0.0328	0.0325	0.1437	-0.2483	0.3179	0.5908	0.4092
wIR[8, 1, 6]	0.0125	0.0122	0.1448	-0.2711	0.2964	0.5345	0.4655

wIR[9, 1, 6]	0.0269	0.0272	0.1458	-0.2584	0.3152	0.5718	0.4282	
wIR[10, 1, 6]	-0.0007	0.0003	0.1495	-0.2966	0.2921	0.5010	0.4990	
wIR[11, 1, 6]	0.0092	0.0099	0.1426	-0.2716	0.2887	0.5281	0.4719	
wIR[12, 1, 6]	0.0654	0.0639	0.1625	-0.2483	0.3913	0.6542	0.3458	*
wIR[13, 1, 6]	-0.0014	-0.0018	0.1499	-0.2960	0.2946	0.4950	0.5050	
wIR[14, 1, 6]	-0.0106	-0.0103	0.1532	-0.3125	0.2910	0.4730	0.5270	
wIR[15, 1, 6]	-0.0058	-0.0059	0.1513	-0.3029	0.2936	0.4840	0.5160	
wIR[16, 1, 6]	-0.0397	-0.0389	0.1552	-0.3472	0.2662	0.3966	0.6034	
wIR[17, 1, 6]	0.0083	0.0083	0.1435	-0.2729	0.2917	0.5228	0.4772	
wIR[18, 1, 6]	0.0069	0.0066	0.1477	-0.2838	0.2970	0.5179	0.4821	
wIR[19, 1, 6]	0.0353	0.0347	0.1462	-0.2522	0.3254	0.5966	0.4034	
wIR[20, 1, 6]	-0.0254	-0.0242	0.1439	-0.3107	0.2562	0.4317	0.5683	
wIR[21, 1, 6]	0.0127	0.0125	0.1449	-0.2717	0.2977	0.5344	0.4656	
wIR[22, 1, 6]	0.0333	0.0326	0.1464	-0.2519	0.3225	0.5883	0.4117	
wIR[23, 1, 6]	-0.0327	-0.0324	0.1482	-0.3257	0.2571	0.4135	0.5865	
wIR[24, 1, 6]	0.0115	0.0114	0.1419	-0.2670	0.2923	0.5327	0.4673	
wIR[25, 1, 6]	0.0010	0.0012	0.1498	-0.2968	0.2941	0.5032	0.4968	
wIR[26, 1, 6]	-0.0264	-0.0258	0.1420	-0.3090	0.2512	0.4273	0.5727	
wIR[27, 1, 6]	-0.0261	-0.0251	0.1485	-0.3208	0.2650	0.4323	0.5677	
wIR[28, 1, 6]	0.0238	0.0235	0.1486	-0.2683	0.3183	0.5646	0.4354	
wIR[29, 1, 6]	-0.0028	-0.0034	0.1430	-0.2845	0.2785	0.4910	0.5090	
wIR[30, 1, 6]	0.0154	0.0155	0.1431	-0.2675	0.2970	0.5427	0.4573	
wIR[31, 1, 6]	-0.0044	-0.0044	0.1465	-0.2924	0.2827	0.4879	0.5121	
wIR[32, 1, 6]	0.0557	0.0549	0.1480	-0.2332	0.3488	0.6470	0.3530	
wIR[33, 1, 6]	0.0368	0.0357	0.1478	-0.2504	0.3300	0.5968	0.4032	
wIR[34, 1, 6]	0.0127	0.0122	0.1488	-0.2785	0.3062	0.5334	0.4666	
wIR[35, 1, 6]	0.0525	0.0506	0.1475	-0.2337	0.3453	0.6383	0.3617	
wIR[36, 1, 6]	0.0008	0.0011	0.1494	-0.2944	0.2935	0.5030	0.4970	
wIR[37, 1, 6]	0.0335	0.0328	0.1515	-0.2612	0.3332	0.5872	0.4128	
wIR[38, 1, 6]	-0.0195	-0.0189	0.1461	-0.3087	0.2650	0.4482	0.5518	
wIR[39, 1, 6]	0.0305	0.0296	0.1583	-0.2786	0.3461	0.5750	0.4250	
wIR[40, 1, 6]	0.0516	0.0508	0.1501	-0.2397	0.3503	0.6345	0.3655	
wIR[41, 1, 6]	-0.0032	-0.0028	0.1442	-0.2881	0.2784	0.4922	0.5078	
wIR[42, 1, 6]	0.0371	0.0362	0.1491	-0.2530	0.3324	0.5974	0.4026	
wIR[43, 1, 6]	-0.0065	-0.0068	0.1456	-0.2928	0.2782	0.4820	0.5180	
wIR[44, 1, 6]	0.0004	0.0003	0.1498	-0.2923	0.2957	0.5007	0.4993	
wIR[45, 1, 6]	-0.0204	-0.0196	0.1421	-0.3024	0.2580	0.4447	0.5553	
wIR[46, 1, 6]	0.0289	0.0283	0.1472	-0.2594	0.3210	0.5788	0.4212	
wIR[47, 1, 6]	-0.0002	-0.0006	0.1498	-0.2959	0.2949	0.4985	0.5015	
wIR[48, 1, 6]	-0.0049	-0.0047	0.1997	-0.4004	0.3893	0.4905	0.5095	
wIR[49, 1, 6]	-0.0088	-0.0094	0.1442	-0.2921	0.2745	0.4737	0.5263	
wIR[50, 1, 6]	0.0115	0.0108	0.1428	-0.2679	0.2942	0.5302	0.4698	
wIR[1, 2, 6]	-0.0356	-0.0352	0.1461	-0.3270	0.2484	0.4031	0.5969	
wIR[2, 2, 6]	-0.0388	-0.0376	0.1469	-0.3294	0.2477	0.3972	0.6028	
wIR[3, 2, 6]	-0.0138	-0.0133	0.1460	-0.3029	0.2732	0.4624	0.5376	
wIR[4, 2, 6]	0.0275	0.0266	0.1448	-0.2560	0.3131	0.5736	0.4264	
wIR[5, 2, 6]	0.0246	0.0241	0.1468	-0.2637	0.3150	0.5669	0.4331	
wIR[6, 2, 6]	-0.0308	-0.0300	0.1509	-0.3297	0.2633	0.4204	0.5796	
wIR[7, 2, 6]	-0.0180	-0.0176	0.1449	-0.3052	0.2658	0.4511	0.5489	
wIR[8, 2, 6]	0.0181	0.0182	0.1461	-0.2684	0.3065	0.5503	0.4497	

wIR[9, 2, 6]	-0.0320	-0.0310	0.1471	-0.3239	0.2557	0.4151	0.5849
wIR[10, 2, 6]	-0.0004	-0.0003	0.1501	-0.2967	0.2916	0.4990	0.5010
wIR[11, 2, 6]	-0.0140	-0.0141	0.1429	-0.2934	0.2678	0.4603	0.5397
wIR[12, 2, 6]	0.0002	0.0000	0.1637	-0.3229	0.3235	0.4999	0.5001
wIR[13, 2, 6]	-0.0003	0.0004	0.1504	-0.2970	0.2963	0.5012	0.4988
wIR[14, 2, 6]	-0.0001	-0.0003	0.1542	-0.3026	0.3056	0.4991	0.5009
wIR[15, 2, 6]	0.0006	0.0006	0.1528	-0.3013	0.2990	0.5015	0.4985
wIR[16, 2, 6]	-0.0249	-0.0243	0.1567	-0.3351	0.2809	0.4387	0.5613
wIR[17, 2, 6]	-0.0224	-0.0214	0.1450	-0.3103	0.2610	0.4403	0.5597
wIR[18, 2, 6]	-0.0114	-0.0113	0.1481	-0.3039	0.2792	0.4696	0.5304
wIR[19, 2, 6]	-0.0321	-0.0322	0.1475	-0.3228	0.2571	0.4143	0.5857
wIR[20, 2, 6]	-0.0233	-0.0239	0.1445	-0.3080	0.2603	0.4365	0.5635
wIR[21, 2, 6]	-0.0081	-0.0079	0.1459	-0.2932	0.2794	0.4780	0.5220
wIR[22, 2, 6]	0.0069	0.0064	0.1466	-0.2786	0.2971	0.5179	0.4821
wIR[23, 2, 6]	0.0324	0.0320	0.1490	-0.2576	0.3263	0.5852	0.4148
wIR[24, 2, 6]	-0.0099	-0.0100	0.1434	-0.2920	0.2724	0.4718	0.5282
wIR[25, 2, 6]	0.0005	0.0005	0.1504	-0.2942	0.2960	0.5015	0.4985
wIR[26, 2, 6]	-0.0002	0.0003	0.1430	-0.2814	0.2791	0.5008	0.4992
wIR[27, 2, 6]	-0.0254	-0.0244	0.1487	-0.3193	0.2644	0.4326	0.5674
wIR[28, 2, 6]	-0.0294	-0.0289	0.1488	-0.3235	0.2619	0.4220	0.5780
wIR[29, 2, 6]	-0.0093	-0.0097	0.1437	-0.2923	0.2734	0.4729	0.5271
wIR[30, 2, 6]	-0.0258	-0.0253	0.1443	-0.3101	0.2570	0.4289	0.5711
wIR[31, 2, 6]	-0.0468	-0.0456	0.1480	-0.3409	0.2420	0.3760	0.6240
wIR[32, 2, 6]	-0.0148	-0.0145	0.1476	-0.3047	0.2752	0.4605	0.5395
wIR[33, 2, 6]	0.0001	0.0008	0.1484	-0.2919	0.2914	0.5018	0.4982
wIR[34, 2, 6]	-0.0048	-0.0051	0.1509	-0.3004	0.2927	0.4855	0.5145
wIR[35, 2, 6]	-0.0009	-0.0005	0.1486	-0.2945	0.2933	0.4987	0.5013
wIR[36, 2, 6]	-0.0002	0.0002	0.1499	-0.2943	0.2952	0.5007	0.4993
wIR[37, 2, 6]	0.0028	0.0039	0.1533	-0.3001	0.3013	0.5096	0.4904
wIR[38, 2, 6]	-0.0210	-0.0206	0.1466	-0.3105	0.2664	0.4425	0.5575
wIR[39, 2, 6]	0.0105	0.0100	0.1609	-0.3053	0.3284	0.5258	0.4742
wIR[40, 2, 6]	-0.0300	-0.0300	0.1518	-0.3284	0.2674	0.4198	0.5802
wIR[41, 2, 6]	0.0297	0.0292	0.1464	-0.2581	0.3195	0.5819	0.4181
wIR[42, 2, 6]	-0.0178	-0.0167	0.1495	-0.3136	0.2743	0.4541	0.5459
wIR[43, 2, 6]	0.0456	0.0445	0.1472	-0.2412	0.3398	0.6181	0.3819
wIR[44, 2, 6]	0.0003	0.0009	0.1504	-0.2958	0.2967	0.5024	0.4976
wIR[45, 2, 6]	0.0204	0.0201	0.1426	-0.2591	0.3032	0.5569	0.4431
wIR[46, 2, 6]	-0.0089	-0.0084	0.1475	-0.3005	0.2816	0.4765	0.5235
wIR[47, 2, 6]	0.0001	0.0006	0.1508	-0.2970	0.2950	0.5015	0.4985
wIR[48, 2, 6]	-0.0393	-0.0384	0.2023	-0.4390	0.3561	0.4229	0.5771
wIR[49, 2, 6]	0.0242	0.0233	0.1455	-0.2605	0.3121	0.5644	0.4356
wIR[50, 2, 6]	-0.0130	-0.0131	0.1448	-0.2989	0.2725	0.4629	0.5371
wIR[1, 3, 6]	0.0216	0.0215	0.1458	-0.2643	0.3086	0.5597	0.4403
wIR[2, 3, 6]	0.0419	0.0412	0.1470	-0.2433	0.3337	0.6109	0.3891
wIR[3, 3, 6]	0.0036	0.0021	0.1456	-0.2810	0.2903	0.5062	0.4938
wIR[4, 3, 6]	-0.0142	-0.0136	0.1443	-0.2987	0.2689	0.4620	0.5380
wIR[5, 3, 6]	-0.0083	-0.0079	0.1458	-0.2945	0.2770	0.4777	0.5223
wIR[6, 3, 6]	0.0272	0.0273	0.1499	-0.2660	0.3220	0.5706	0.4294
wIR[7, 3, 6]	0.0224	0.0220	0.1454	-0.2635	0.3096	0.5614	0.4386
wIR[8, 3, 6]	-0.0298	-0.0277	0.1462	-0.3219	0.2529	0.4233	0.5767

wIR[9, 3, 6]	0.0127	0.0121	0.1472	-0.2766	0.3018	0.5331	0.4669
wIR[10, 3, 6]	0.0002	-0.0005	0.1498	-0.2946	0.2948	0.4987	0.5013
wIR[11, 3, 6]	0.0081	0.0082	0.1430	-0.2737	0.2900	0.5235	0.4765
wIR[12, 3, 6]	0.0119	0.0111	0.1620	-0.3056	0.3318	0.5282	0.4718
wIR[13, 3, 6]	0.0006	0.0005	0.1493	-0.2920	0.2933	0.5015	0.4985
wIR[14, 3, 6]	0.0025	0.0017	0.1547	-0.3026	0.3084	0.5045	0.4955
wIR[15, 3, 6]	0.0005	0.0008	0.1523	-0.2998	0.2993	0.5022	0.4978
wIR[16, 3, 6]	0.0106	0.0105	0.1563	-0.2980	0.3185	0.5283	0.4717
wIR[17, 3, 6]	0.0190	0.0184	0.1443	-0.2633	0.3047	0.5522	0.4478
wIR[18, 3, 6]	0.0212	0.0209	0.1483	-0.2681	0.3171	0.5571	0.4429
wIR[19, 3, 6]	0.0336	0.0331	0.1476	-0.2546	0.3261	0.5907	0.4093
wIR[20, 3, 6]	0.0303	0.0292	0.1449	-0.2511	0.3190	0.5810	0.4190
wIR[21, 3, 6]	0.0030	0.0029	0.1461	-0.2845	0.2891	0.5085	0.4915
wIR[22, 3, 6]	0.0053	0.0047	0.1471	-0.2851	0.2948	0.5130	0.4870
wIR[23, 3, 6]	-0.0263	-0.0259	0.1489	-0.3207	0.2656	0.4296	0.5704
wIR[24, 3, 6]	0.0188	0.0189	0.1435	-0.2630	0.3022	0.5537	0.4463
wIR[25, 3, 6]	-0.0002	-0.0005	0.1494	-0.2923	0.2943	0.4990	0.5010
wIR[26, 3, 6]	0.0115	0.0112	0.1426	-0.2695	0.2927	0.5323	0.4677
wIR[27, 3, 6]	-0.0026	-0.0022	0.1483	-0.2943	0.2889	0.4944	0.5056
wIR[28, 3, 6]	0.0304	0.0301	0.1483	-0.2613	0.3235	0.5818	0.4182
wIR[29, 3, 6]	0.0096	0.0092	0.1436	-0.2736	0.2927	0.5260	0.4740
wIR[30, 3, 6]	0.0102	0.0105	0.1444	-0.2748	0.2938	0.5300	0.4700
wIR[31, 3, 6]	0.0253	0.0249	0.1480	-0.2651	0.3183	0.5693	0.4307
wIR[32, 3, 6]	0.0259	0.0252	0.1471	-0.2598	0.3174	0.5697	0.4303
wIR[33, 3, 6]	0.0094	0.0098	0.1487	-0.2852	0.3007	0.5270	0.4730
wIR[34, 3, 6]	0.0114	0.0103	0.1507	-0.2848	0.3107	0.5286	0.4714
wIR[35, 3, 6]	0.0048	0.0044	0.1484	-0.2879	0.2959	0.5121	0.4879
wIR[36, 3, 6]	-0.0009	-0.0010	0.1488	-0.2952	0.2921	0.4972	0.5028
wIR[37, 3, 6]	0.0180	0.0180	0.1532	-0.2825	0.3194	0.5476	0.4524
wIR[38, 3, 6]	0.0108	0.0111	0.1468	-0.2801	0.2992	0.5305	0.4695
wIR[39, 3, 6]	-0.0112	-0.0096	0.1610	-0.3291	0.3034	0.4766	0.5234
wIR[40, 3, 6]	0.0096	0.0084	0.1517	-0.2846	0.3104	0.5228	0.4772
wIR[41, 3, 6]	-0.0291	-0.0286	0.1461	-0.3160	0.2568	0.4208	0.5792
wIR[42, 3, 6]	0.0284	0.0278	0.1501	-0.2644	0.3255	0.5730	0.4270
wIR[43, 3, 6]	-0.0307	-0.0302	0.1476	-0.3233	0.2579	0.4178	0.5822
wIR[44, 3, 6]	0.0006	0.0014	0.1494	-0.2917	0.2941	0.5036	0.4964
wIR[45, 3, 6]	-0.0128	-0.0119	0.1431	-0.2954	0.2689	0.4659	0.5341
wIR[46, 3, 6]	0.0011	0.0011	0.1474	-0.2888	0.2916	0.5032	0.4968
wIR[47, 3, 6]	0.0003	0.0001	0.1489	-0.2943	0.2928	0.5002	0.4998
wIR[48, 3, 6]	0.0265	0.0257	0.2060	-0.3789	0.4342	0.5527	0.4473
wIR[49, 3, 6]	0.0010	0.0008	0.1446	-0.2829	0.2868	0.5021	0.4979
wIR[50, 3, 6]	0.0187	0.0188	0.1439	-0.2643	0.3011	0.5512	0.4488
wIR[1, 4, 6]	0.0057	0.0056	0.1457	-0.2824	0.2924	0.5166	0.4834
wIR[2, 4, 6]	0.0265	0.0269	0.1456	-0.2578	0.3138	0.5729	0.4271
wIR[3, 4, 6]	0.0044	0.0049	0.1453	-0.2825	0.2890	0.5141	0.4859
wIR[4, 4, 6]	0.0030	0.0029	0.1427	-0.2791	0.2841	0.5084	0.4916
wIR[5, 4, 6]	0.0199	0.0201	0.1458	-0.2674	0.3071	0.5546	0.4454
wIR[6, 4, 6]	0.0145	0.0145	0.1492	-0.2791	0.3106	0.5392	0.4608
wIR[7, 4, 6]	-0.0171	-0.0163	0.1451	-0.3047	0.2654	0.4545	0.5455
wIR[8, 4, 6]	-0.0085	-0.0079	0.1453	-0.2964	0.2759	0.4786	0.5214

wIR[9, 4, 6]	0.0074	0.0073	0.1462	-0.2795	0.2960	0.5212	0.4788	
wIR[10, 4, 6]	-0.0002	0.0002	0.1493	-0.2924	0.2926	0.5006	0.4994	
wIR[11, 4, 6]	-0.0170	-0.0172	0.1423	-0.2970	0.2642	0.4510	0.5490	
wIR[12, 4, 6]	-0.0446	-0.0443	0.1619	-0.3648	0.2707	0.3918	0.6082	
wIR[13, 4, 6]	-0.0007	-0.0004	0.1486	-0.2920	0.2899	0.4988	0.5012	
wIR[14, 4, 6]	0.0021	0.0014	0.1523	-0.2958	0.3031	0.5037	0.4963	
wIR[15, 4, 6]	0.0402	0.0398	0.1515	-0.2569	0.3396	0.6060	0.3940	
wIR[16, 4, 6]	0.0383	0.0373	0.1557	-0.2671	0.3451	0.5956	0.4044	
wIR[17, 4, 6]	0.0048	0.0051	0.1444	-0.2805	0.2870	0.5134	0.4866	
wIR[18, 4, 6]	-0.0155	-0.0152	0.1484	-0.3072	0.2745	0.4588	0.5412	
wIR[19, 4, 6]	-0.0051	-0.0050	0.1466	-0.2938	0.2817	0.4860	0.5140	
wIR[20, 4, 6]	-0.0103	-0.0107	0.1445	-0.2926	0.2731	0.4698	0.5302	
wIR[21, 4, 6]	-0.0027	-0.0024	0.1452	-0.2884	0.2813	0.4939	0.5061	
wIR[22, 4, 6]	-0.0292	-0.0285	0.1461	-0.3171	0.2562	0.4204	0.5796	
wIR[23, 4, 6]	-0.0022	-0.0015	0.1480	-0.2935	0.2871	0.4959	0.5041	
wIR[24, 4, 6]	0.0073	0.0066	0.1421	-0.2702	0.2883	0.5184	0.4816	
wIR[25, 4, 6]	0.0003	0.0001	0.1490	-0.2923	0.2937	0.5002	0.4998	
wIR[26, 4, 6]	-0.0100	-0.0099	0.1420	-0.2900	0.2675	0.4720	0.5280	
wIR[27, 4, 6]	0.0351	0.0352	0.1481	-0.2549	0.3277	0.5945	0.4055	
wIR[28, 4, 6]	-0.0325	-0.0316	0.1482	-0.3252	0.2559	0.4131	0.5869	
wIR[29, 4, 6]	-0.0004	-0.0003	0.1434	-0.2813	0.2814	0.4993	0.5007	
wIR[30, 4, 6]	-0.0088	-0.0085	0.1438	-0.2918	0.2744	0.4750	0.5250	
wIR[31, 4, 6]	0.0120	0.0124	0.1476	-0.2796	0.3029	0.5334	0.4666	
wIR[32, 4, 6]	0.0029	0.0027	0.1475	-0.2867	0.2905	0.5077	0.4923	
wIR[33, 4, 6]	-0.0056	-0.0048	0.1484	-0.2982	0.2849	0.4869	0.5131	
wIR[34, 4, 6]	-0.0116	-0.0119	0.1501	-0.3068	0.2872	0.4668	0.5332	
wIR[35, 4, 6]	-0.0027	-0.0021	0.1470	-0.2913	0.2865	0.4939	0.5061	
wIR[36, 4, 6]	-0.0001	0.0003	0.1492	-0.2945	0.2941	0.5008	0.4992	
wIR[37, 4, 6]	0.0120	0.0116	0.1523	-0.2860	0.3122	0.5314	0.4686	
wIR[38, 4, 6]	-0.0183	-0.0176	0.1460	-0.3048	0.2685	0.4507	0.5493	
wIR[39, 4, 6]	0.0047	0.0043	0.1605	-0.3090	0.3218	0.5109	0.4891	
wIR[40, 4, 6]	-0.0199	-0.0194	0.1500	-0.3158	0.2750	0.4471	0.5529	
wIR[41, 4, 6]	0.0126	0.0128	0.1458	-0.2742	0.3011	0.5346	0.4654	
wIR[42, 4, 6]	-0.0307	-0.0303	0.1494	-0.3256	0.2635	0.4191	0.5809	
wIR[43, 4, 6]	0.0064	0.0062	0.1462	-0.2794	0.2941	0.5179	0.4821	
wIR[44, 4, 6]	-0.0006	-0.0002	0.1494	-0.2961	0.2921	0.4995	0.5005	
wIR[45, 4, 6]	-0.0006	-0.0005	0.1423	-0.2804	0.2784	0.4985	0.5015	
wIR[46, 4, 6]	-0.0186	-0.0186	0.1470	-0.3088	0.2699	0.4480	0.5520	
wIR[47, 4, 6]	0.0000	0.0000	0.1494	-0.2928	0.2944	0.5001	0.4999	
wIR[48, 4, 6]	-0.0686	-0.0669	0.2000	-0.4636	0.3235	0.3676	0.6324	
wIR[49, 4, 6]	0.0018	0.0019	0.1442	-0.2804	0.2842	0.5057	0.4943	
wIR[50, 4, 6]	-0.0022	-0.0018	0.1439	-0.2863	0.2793	0.4949	0.5051	
wIR[1, 5, 6]	0.0237	0.0233	0.1434	-0.2586	0.3074	0.5660	0.4340	
wIR[2, 5, 6]	-0.0210	-0.0201	0.1428	-0.3043	0.2584	0.4432	0.5568	
wIR[3, 5, 6]	-0.0163	-0.0160	0.1437	-0.2997	0.2668	0.4553	0.5447	
wIR[4, 5, 6]	0.0017	0.0008	0.1412	-0.2757	0.2809	0.5023	0.4977	
wIR[5, 5, 6]	-0.0082	-0.0082	0.1433	-0.2903	0.2722	0.4773	0.5227	
wIR[6, 5, 6]	-0.0645	-0.0633	0.1463	-0.3559	0.2215	0.3311	0.6689	*
wIR[7, 5, 6]	0.0603	0.0601	0.1422	-0.2163	0.3403	0.6650	0.3350	*
wIR[8, 5, 6]	-0.0187	-0.0179	0.1430	-0.3034	0.2603	0.4491	0.5509	

wIR[9, 5, 6]	0.0115	0.0114	0.1439	-0.2707	0.2955	0.5323	0.4677	
wIR[10, 5, 6]	-0.0007	-0.0009	0.1510	-0.2999	0.2967	0.4976	0.5024	
wIR[11, 5, 6]	-0.0083	-0.0076	0.1395	-0.2852	0.2632	0.4780	0.5220	
wIR[12, 5, 6]	0.0912	0.0904	0.1583	-0.2169	0.4062	0.7183	0.2817	*
wIR[13, 5, 6]	0.0002	0.0000	0.1509	-0.2965	0.2973	0.5000	0.5000	
wIR[14, 5, 6]	-0.0170	-0.0164	0.1499	-0.3138	0.2771	0.4555	0.5445	
wIR[15, 5, 6]	-0.0440	-0.0432	0.1476	-0.3359	0.2442	0.3839	0.6161	
wIR[16, 5, 6]	-0.0604	-0.0599	0.1525	-0.3617	0.2349	0.3459	0.6541	*
wIR[17, 5, 6]	-0.0047	-0.0054	0.1410	-0.2820	0.2732	0.4840	0.5160	
wIR[18, 5, 6]	-0.0188	-0.0188	0.1463	-0.3074	0.2674	0.4474	0.5526	
wIR[19, 5, 6]	-0.0049	-0.0051	0.1444	-0.2908	0.2800	0.4854	0.5146	
wIR[20, 5, 6]	-0.0340	-0.0325	0.1425	-0.3158	0.2455	0.4073	0.5927	
wIR[21, 5, 6]	-0.0442	-0.0434	0.1435	-0.3304	0.2357	0.3796	0.6204	
wIR[22, 5, 6]	0.0595	0.0586	0.1441	-0.2207	0.3453	0.6593	0.3407	*
wIR[23, 5, 6]	0.0335	0.0328	0.1455	-0.2502	0.3206	0.5918	0.4082	
wIR[24, 5, 6]	0.0320	0.0311	0.1407	-0.2443	0.3109	0.5904	0.4096	
wIR[25, 5, 6]	-0.0002	-0.0001	0.1506	-0.2968	0.2941	0.4997	0.5003	
wIR[26, 5, 6]	-0.0279	-0.0274	0.1405	-0.3052	0.2470	0.4214	0.5786	
wIR[27, 5, 6]	-0.0076	-0.0075	0.1463	-0.2982	0.2805	0.4801	0.5199	
wIR[28, 5, 6]	0.0794	0.0777	0.1476	-0.2062	0.3759	0.7042	0.2958	*
wIR[29, 5, 6]	0.0546	0.0536	0.1409	-0.2195	0.3333	0.6507	0.3493	*
wIR[30, 5, 6]	0.0099	0.0103	0.1419	-0.2709	0.2895	0.5290	0.4710	
wIR[31, 5, 6]	-0.0096	-0.0092	0.1441	-0.2944	0.2721	0.4740	0.5260	
wIR[32, 5, 6]	0.0003	0.0003	0.1440	-0.2833	0.2837	0.5008	0.4992	
wIR[33, 5, 6]	0.0215	0.0208	0.1459	-0.2646	0.3112	0.5568	0.4432	
wIR[34, 5, 6]	-0.0723	-0.0712	0.1480	-0.3681	0.2163	0.3140	0.6860	*
wIR[35, 5, 6]	0.0592	0.0586	0.1443	-0.2255	0.3439	0.6610	0.3390	*
wIR[36, 5, 6]	-0.0006	-0.0012	0.1498	-0.2950	0.2949	0.4968	0.5032	
wIR[37, 5, 6]	-0.0542	-0.0536	0.1495	-0.3499	0.2388	0.3582	0.6418	
wIR[38, 5, 6]	0.0151	0.0156	0.1436	-0.2672	0.2981	0.5428	0.4572	
wIR[39, 5, 6]	0.0070	0.0076	0.1554	-0.2984	0.3114	0.5202	0.4798	
wIR[40, 5, 6]	0.0504	0.0505	0.1477	-0.2394	0.3414	0.6346	0.3654	
wIR[41, 5, 6]	0.0303	0.0291	0.1417	-0.2456	0.3116	0.5840	0.4160	
wIR[42, 5, 6]	0.0012	0.0017	0.1454	-0.2859	0.2850	0.5051	0.4949	
wIR[43, 5, 6]	-0.0261	-0.0264	0.1437	-0.3092	0.2576	0.4266	0.5734	
wIR[44, 5, 6]	0.0002	-0.0001	0.1498	-0.2949	0.2952	0.4997	0.5003	
wIR[45, 5, 6]	-0.0151	-0.0149	0.1396	-0.2901	0.2589	0.4562	0.5438	
wIR[46, 5, 6]	0.0949	0.0930	0.1450	-0.1850	0.3859	0.7446	0.2554	*
wIR[47, 5, 6]	-0.0001	0.0015	0.1510	-0.3008	0.2962	0.5038	0.4962	
wIR[48, 5, 6]	-0.0119	-0.0107	0.1940	-0.3994	0.3663	0.4773	0.5227	
wIR[49, 5, 6]	-0.0714	-0.0704	0.1421	-0.3540	0.2047	0.3074	0.6926	*
wIR[50, 5, 6]	0.0045	0.0041	0.1411	-0.2732	0.2816	0.5118	0.4882	
wIR[1, 6, 6]	0.0045	0.0036	0.1444	-0.2784	0.2893	0.5106	0.4894	
wIR[2, 6, 6]	0.0008	0.0004	0.1445	-0.2821	0.2852	0.5014	0.4986	
wIR[3, 6, 6]	0.0159	0.0154	0.1444	-0.2678	0.3001	0.5435	0.4565	
wIR[4, 6, 6]	0.0074	0.0075	0.1418	-0.2716	0.2873	0.5215	0.4785	
wIR[5, 6, 6]	-0.0028	-0.0028	0.1448	-0.2884	0.2823	0.4929	0.5071	
wIR[6, 6, 6]	0.0254	0.0240	0.1481	-0.2641	0.3197	0.5656	0.4344	
wIR[7, 6, 6]	-0.0283	-0.0280	0.1432	-0.3109	0.2541	0.4208	0.5792	
wIR[8, 6, 6]	0.0216	0.0214	0.1448	-0.2621	0.3096	0.5591	0.4409	

wIR[9, 6, 6]	0.0272	0.0264	0.1452	-0.2570	0.3142	0.5731	0.4269
wIR[10, 6, 6]	-0.0001	0.0001	0.1479	-0.2915	0.2899	0.5003	0.4997
wIR[11, 6, 6]	0.0035	0.0035	0.1414	-0.2721	0.2845	0.5092	0.4908
wIR[12, 6, 6]	-0.0264	-0.0265	0.1609	-0.3433	0.2915	0.4326	0.5674
wIR[13, 6, 6]	0.0001	0.0000	0.1487	-0.2934	0.2942	0.5001	0.4999
wIR[14, 6, 6]	0.0302	0.0291	0.1521	-0.2675	0.3320	0.5777	0.4223
wIR[15, 6, 6]	0.0227	0.0221	0.1500	-0.2720	0.3176	0.5576	0.4424
wIR[16, 6, 6]	0.0277	0.0270	0.1537	-0.2716	0.3321	0.5705	0.4295
wIR[17, 6, 6]	0.0178	0.0178	0.1426	-0.2627	0.2996	0.5502	0.4498
wIR[18, 6, 6]	0.0265	0.0259	0.1461	-0.2586	0.3146	0.5714	0.4286
wIR[19, 6, 6]	-0.0001	-0.0006	0.1449	-0.2849	0.2844	0.4981	0.5019
wIR[20, 6, 6]	0.0190	0.0186	0.1432	-0.2615	0.3026	0.5505	0.4495
wIR[21, 6, 6]	0.0410	0.0397	0.1449	-0.2426	0.3288	0.6097	0.3903
wIR[22, 6, 6]	-0.0172	-0.0165	0.1445	-0.3035	0.2656	0.4530	0.5470
wIR[23, 6, 6]	0.0015	0.0012	0.1471	-0.2871	0.2924	0.5036	0.4964
wIR[24, 6, 6]	0.0076	0.0078	0.1410	-0.2691	0.2820	0.5220	0.4780
wIR[25, 6, 6]	0.0010	0.0013	0.1491	-0.2919	0.2947	0.5036	0.4964
wIR[26, 6, 6]	0.0195	0.0187	0.1409	-0.2556	0.2993	0.5534	0.4466
wIR[27, 6, 6]	0.0334	0.0325	0.1470	-0.2543	0.3241	0.5885	0.4115
wIR[28, 6, 6]	0.0025	0.0024	0.1475	-0.2865	0.2933	0.5069	0.4931
wIR[29, 6, 6]	-0.0012	-0.0019	0.1417	-0.2796	0.2782	0.4945	0.5055
wIR[30, 6, 6]	-0.0017	-0.0020	0.1427	-0.2819	0.2782	0.4946	0.5054
wIR[31, 6, 6]	0.0046	0.0039	0.1460	-0.2814	0.2916	0.5114	0.4886
wIR[32, 6, 6]	0.0069	0.0067	0.1461	-0.2782	0.2946	0.5176	0.4824
wIR[33, 6, 6]	0.0090	0.0088	0.1469	-0.2780	0.3000	0.5245	0.4755
wIR[34, 6, 6]	0.0510	0.0502	0.1481	-0.2381	0.3436	0.6347	0.3653
wIR[35, 6, 6]	-0.0345	-0.0343	0.1460	-0.3245	0.2512	0.4053	0.5947
wIR[36, 6, 6]	0.0009	0.0017	0.1488	-0.2934	0.2922	0.5040	0.4960
wIR[37, 6, 6]	0.0361	0.0352	0.1499	-0.2571	0.3321	0.5943	0.4057
wIR[38, 6, 6]	0.0110	0.0110	0.1439	-0.2704	0.2954	0.5311	0.4689
wIR[39, 6, 6]	0.0072	0.0075	0.1580	-0.3030	0.3199	0.5189	0.4811
wIR[40, 6, 6]	-0.0209	-0.0208	0.1495	-0.3152	0.2703	0.4449	0.5551
wIR[41, 6, 6]	-0.0125	-0.0125	0.1439	-0.2962	0.2688	0.4646	0.5354
wIR[42, 6, 6]	-0.0153	-0.0143	0.1480	-0.3090	0.2743	0.4608	0.5392
wIR[43, 6, 6]	0.0286	0.0280	0.1447	-0.2550	0.3144	0.5781	0.4219
wIR[44, 6, 6]	0.0013	0.0016	0.1485	-0.2917	0.2929	0.5048	0.4952
wIR[45, 6, 6]	0.0286	0.0281	0.1409	-0.2467	0.3070	0.5784	0.4216
wIR[46, 6, 6]	-0.0147	-0.0147	0.1454	-0.3008	0.2702	0.4589	0.5411
wIR[47, 6, 6]	-0.0010	-0.0007	0.1488	-0.2953	0.2905	0.4982	0.5018
wIR[48, 6, 6]	0.0036	0.0034	0.1981	-0.3852	0.3926	0.5068	0.4932
wIR[49, 6, 6]	0.0310	0.0299	0.1431	-0.2494	0.3138	0.5853	0.4147
wIR[50, 6, 6]	0.0174	0.0180	0.1423	-0.2623	0.2964	0.5508	0.4492
wIR[1, 1, 7]	0.0251	0.0253	0.1476	-0.2639	0.3187	0.5680	0.4320
wIR[2, 1, 7]	0.0247	0.0236	0.1481	-0.2655	0.3171	0.5643	0.4357
wIR[3, 1, 7]	0.0259	0.0249	0.1475	-0.2637	0.3170	0.5689	0.4311
wIR[4, 1, 7]	-0.0202	-0.0198	0.1477	-0.3120	0.2671	0.4464	0.5536
wIR[5, 1, 7]	0.0369	0.0360	0.1485	-0.2514	0.3337	0.5971	0.4029
wIR[6, 1, 7]	0.0021	0.0022	0.1475	-0.2887	0.2932	0.5058	0.4942
wIR[7, 1, 7]	0.0012	-0.0002	0.1480	-0.2870	0.2947	0.4993	0.5007
wIR[8, 1, 7]	0.0126	0.0121	0.1482	-0.2784	0.3048	0.5323	0.4677

wIR[9, 1, 7]	0.0355	0.0347	0.1477	-0.2537	0.3271	0.5940	0.4060	
wIR[10, 1, 7]	0.0003	0.0001	0.1502	-0.2924	0.2970	0.5003	0.4997	
wIR[11, 1, 7]	-0.0043	-0.0043	0.1483	-0.2953	0.2878	0.4878	0.5122	
wIR[12, 1, 7]	0.0098	0.0093	0.1486	-0.2824	0.3033	0.5258	0.4742	
wIR[13, 1, 7]	-0.0006	-0.0004	0.1501	-0.2960	0.2948	0.4987	0.5013	
wIR[14, 1, 7]	-0.0064	-0.0063	0.1486	-0.3000	0.2873	0.4830	0.5170	
wIR[15, 1, 7]	0.0437	0.0432	0.1479	-0.2440	0.3401	0.6158	0.3842	
wIR[16, 1, 7]	0.0212	0.0206	0.1483	-0.2685	0.3137	0.5551	0.4449	
wIR[17, 1, 7]	0.0060	0.0056	0.1477	-0.2833	0.2964	0.5150	0.4850	
wIR[18, 1, 7]	-0.0007	-0.0009	0.1505	-0.2964	0.2974	0.4977	0.5023	
wIR[19, 1, 7]	0.0298	0.0291	0.1486	-0.2602	0.3230	0.5806	0.4194	
wIR[20, 1, 7]	0.0072	0.0070	0.1482	-0.2852	0.3004	0.5197	0.4803	
wIR[21, 1, 7]	0.0106	0.0104	0.1482	-0.2802	0.3023	0.5293	0.4707	
wIR[22, 1, 7]	-0.0072	-0.0076	0.1472	-0.2974	0.2813	0.4782	0.5218	
wIR[23, 1, 7]	0.0115	0.0111	0.1479	-0.2771	0.3043	0.5299	0.4701	
wIR[24, 1, 7]	-0.0009	-0.0003	0.1475	-0.2913	0.2885	0.4991	0.5009	
wIR[25, 1, 7]	0.0002	-0.0001	0.1494	-0.2930	0.2952	0.4998	0.5002	
wIR[26, 1, 7]	0.0018	0.0017	0.1478	-0.2885	0.2942	0.5046	0.4954	
wIR[27, 1, 7]	-0.0010	0.0000	0.1497	-0.2943	0.2940	0.5002	0.4998	
wIR[28, 1, 7]	-0.0011	-0.0010	0.1495	-0.2969	0.2948	0.4974	0.5026	
wIR[29, 1, 7]	-0.0163	-0.0159	0.1469	-0.3060	0.2751	0.4563	0.5437	
wIR[30, 1, 7]	-0.0039	-0.0034	0.1483	-0.2965	0.2871	0.4903	0.5097	
wIR[31, 1, 7]	0.0009	0.0006	0.1469	-0.2897	0.2895	0.5016	0.4984	
wIR[32, 1, 7]	0.0300	0.0296	0.1475	-0.2599	0.3213	0.5800	0.4200	
wIR[33, 1, 7]	-0.0004	0.0002	0.1503	-0.2946	0.2959	0.5005	0.4995	
wIR[34, 1, 7]	-0.0295	-0.0287	0.1486	-0.3244	0.2609	0.4220	0.5780	
wIR[35, 1, 7]	0.0005	0.0005	0.1477	-0.2897	0.2920	0.5017	0.4983	
wIR[36, 1, 7]	0.0005	0.0002	0.1502	-0.2931	0.2971	0.5004	0.4996	
wIR[37, 1, 7]	0.0316	0.0310	0.1472	-0.2542	0.3229	0.5826	0.4174	
wIR[38, 1, 7]	-0.0375	-0.0369	0.1486	-0.3322	0.2531	0.3998	0.6002	
wIR[39, 1, 7]	-0.0006	-0.0004	0.1483	-0.2926	0.2918	0.4990	0.5010	
wIR[40, 1, 7]	0.0204	0.0194	0.1476	-0.2691	0.3140	0.5520	0.4480	
wIR[41, 1, 7]	0.0046	0.0045	0.1471	-0.2851	0.2939	0.5132	0.4868	
wIR[42, 1, 7]	-0.0274	-0.0270	0.1479	-0.3192	0.2627	0.4260	0.5740	
wIR[43, 1, 7]	0.0042	0.0037	0.1483	-0.2860	0.2981	0.5102	0.4898	
wIR[44, 1, 7]	-0.0005	-0.0001	0.1497	-0.2969	0.2942	0.4998	0.5002	
wIR[45, 1, 7]	0.0092	0.0096	0.1478	-0.2817	0.3009	0.5257	0.4743	
wIR[46, 1, 7]	-0.0080	-0.0083	0.1471	-0.2969	0.2810	0.4781	0.5219	
wIR[47, 1, 7]	-0.0004	-0.0002	0.1498	-0.2953	0.2947	0.4994	0.5006	
wIR[48, 1, 7]	-0.1520	-0.1484	0.1527	-0.4627	0.1395	0.1556	0.8444	*
wIR[49, 1, 7]	0.0003	0.0000	0.1472	-0.2872	0.2902	0.4999	0.5001	
wIR[50, 1, 7]	0.0069	0.0071	0.1480	-0.2823	0.2983	0.5186	0.4814	
wIR[1, 2, 7]	-0.0147	-0.0151	0.1488	-0.3109	0.2766	0.4599	0.5401	
wIR[2, 2, 7]	-0.0271	-0.0267	0.1488	-0.3198	0.2640	0.4287	0.5713	
wIR[3, 2, 7]	0.0068	0.0079	0.1483	-0.2862	0.2987	0.5207	0.4793	
wIR[4, 2, 7]	0.0089	0.0093	0.1485	-0.2830	0.3005	0.5251	0.4749	
wIR[5, 2, 7]	-0.0148	-0.0145	0.1482	-0.3059	0.2776	0.4601	0.5399	
wIR[6, 2, 7]	-0.0406	-0.0395	0.1488	-0.3367	0.2493	0.3922	0.6078	
wIR[7, 2, 7]	0.0089	0.0089	0.1476	-0.2809	0.2997	0.5242	0.4758	
wIR[8, 2, 7]	-0.0029	-0.0026	0.1486	-0.2968	0.2879	0.4923	0.5077	

wIR[9, 2, 7]	0.0106	0.0102	0.1478	-0.2807	0.3024	0.5280	0.4720	
wIR[10, 2, 7]	-0.0003	0.0001	0.1503	-0.2958	0.2963	0.5004	0.4996	
wIR[11, 2, 7]	-0.0211	-0.0207	0.1486	-0.3169	0.2697	0.4444	0.5556	
wIR[12, 2, 7]	-0.0026	-0.0023	0.1501	-0.3002	0.2919	0.4935	0.5065	
wIR[13, 2, 7]	-0.0008	-0.0006	0.1509	-0.2992	0.2969	0.4984	0.5016	
wIR[14, 2, 7]	-0.0632	-0.0617	0.1484	-0.3586	0.2254	0.3360	0.6640	*
wIR[15, 2, 7]	-0.0387	-0.0385	0.1483	-0.3321	0.2523	0.3964	0.6036	
wIR[16, 2, 7]	-0.0406	-0.0399	0.1488	-0.3374	0.2491	0.3924	0.6076	
wIR[17, 2, 7]	-0.0124	-0.0129	0.1484	-0.3046	0.2801	0.4656	0.5344	
wIR[18, 2, 7]	-0.0005	-0.0003	0.1506	-0.2982	0.2963	0.4991	0.5009	
wIR[19, 2, 7]	0.0018	0.0023	0.1496	-0.2933	0.2962	0.5068	0.4932	
wIR[20, 2, 7]	0.0258	0.0260	0.1487	-0.2657	0.3186	0.5704	0.4296	
wIR[21, 2, 7]	-0.0177	-0.0168	0.1487	-0.3110	0.2741	0.4541	0.5459	
wIR[22, 2, 7]	0.0154	0.0153	0.1478	-0.2765	0.3072	0.5419	0.4581	
wIR[23, 2, 7]	0.0418	0.0404	0.1491	-0.2486	0.3382	0.6085	0.3915	
wIR[24, 2, 7]	-0.0102	-0.0092	0.1482	-0.3017	0.2807	0.4738	0.5262	
wIR[25, 2, 7]	-0.0003	0.0001	0.1510	-0.2987	0.2980	0.5003	0.4997	
wIR[26, 2, 7]	-0.0073	-0.0069	0.1486	-0.3001	0.2837	0.4812	0.5188	
wIR[27, 2, 7]	-0.0005	-0.0006	0.1509	-0.2961	0.2963	0.4985	0.5015	
wIR[28, 2, 7]	-0.0001	0.0003	0.1500	-0.2960	0.2942	0.5008	0.4992	
wIR[29, 2, 7]	-0.0028	-0.0030	0.1479	-0.2927	0.2879	0.4919	0.5081	
wIR[30, 2, 7]	0.0109	0.0108	0.1489	-0.2852	0.3044	0.5294	0.4706	
wIR[31, 2, 7]	-0.0406	-0.0394	0.1482	-0.3341	0.2489	0.3949	0.6051	
wIR[32, 2, 7]	-0.0047	-0.0045	0.1484	-0.2973	0.2860	0.4873	0.5127	
wIR[33, 2, 7]	0.0000	-0.0007	0.1500	-0.2956	0.2943	0.4980	0.5020	
wIR[34, 2, 7]	-0.0282	-0.0276	0.1488	-0.3222	0.2615	0.4262	0.5738	
wIR[35, 2, 7]	-0.0002	-0.0009	0.1484	-0.2909	0.2925	0.4975	0.5025	
wIR[36, 2, 7]	0.0011	0.0008	0.1512	-0.2953	0.3005	0.5022	0.4978	
wIR[37, 2, 7]	-0.0040	-0.0038	0.1487	-0.2980	0.2875	0.4897	0.5103	
wIR[38, 2, 7]	-0.0011	-0.0011	0.1486	-0.2924	0.2922	0.4969	0.5031	
wIR[39, 2, 7]	0.0481	0.0472	0.1495	-0.2434	0.3451	0.6265	0.3735	
wIR[40, 2, 7]	0.0111	0.0110	0.1487	-0.2809	0.3030	0.5300	0.4700	
wIR[41, 2, 7]	0.0263	0.0260	0.1484	-0.2633	0.3212	0.5689	0.4311	
wIR[42, 2, 7]	0.0330	0.0331	0.1480	-0.2563	0.3246	0.5908	0.4092	
wIR[43, 2, 7]	0.0188	0.0182	0.1488	-0.2723	0.3130	0.5486	0.4514	
wIR[44, 2, 7]	-0.0001	0.0010	0.1501	-0.2956	0.2937	0.5028	0.4972	
wIR[45, 2, 7]	-0.0078	-0.0082	0.1481	-0.2998	0.2829	0.4777	0.5223	
wIR[46, 2, 7]	0.0137	0.0126	0.1481	-0.2764	0.3069	0.5353	0.4647	
wIR[47, 2, 7]	-0.0005	-0.0001	0.1504	-0.2969	0.2973	0.4997	0.5003	
wIR[48, 2, 7]	0.0261	0.0255	0.1510	-0.2707	0.3226	0.5682	0.4318	
wIR[49, 2, 7]	0.0040	0.0036	0.1486	-0.2873	0.2967	0.5100	0.4900	
wIR[50, 2, 7]	-0.0118	-0.0116	0.1489	-0.3047	0.2797	0.4680	0.5320	
wIR[1, 3, 7]	0.0137	0.0134	0.1484	-0.2774	0.3056	0.5361	0.4639	
wIR[2, 3, 7]	0.0216	0.0212	0.1487	-0.2710	0.3171	0.5575	0.4425	
wIR[3, 3, 7]	0.0217	0.0213	0.1480	-0.2682	0.3141	0.5584	0.4416	
wIR[4, 3, 7]	0.0014	0.0020	0.1482	-0.2916	0.2922	0.5050	0.4950	
wIR[5, 3, 7]	0.0108	0.0108	0.1482	-0.2808	0.3010	0.5292	0.4708	
wIR[6, 3, 7]	0.0336	0.0339	0.1485	-0.2579	0.3260	0.5914	0.4086	
wIR[7, 3, 7]	-0.0147	-0.0141	0.1481	-0.3079	0.2751	0.4623	0.5377	
wIR[8, 3, 7]	-0.0022	-0.0030	0.1482	-0.2958	0.2886	0.4916	0.5084	

wIR[9, 3, 7]	0.0007	0.0002	0.1482	-0.2890	0.2947	0.5003	0.4997	
wIR[10, 3, 7]	-0.0003	-0.0006	0.1496	-0.2938	0.2954	0.4987	0.5013	
wIR[11, 3, 7]	-0.0061	-0.0064	0.1475	-0.2993	0.2855	0.4826	0.5174	
wIR[12, 3, 7]	-0.0072	-0.0074	0.1494	-0.3018	0.2863	0.4801	0.5199	
wIR[13, 3, 7]	-0.0003	0.0001	0.1494	-0.2964	0.2910	0.5004	0.4996	
wIR[14, 3, 7]	0.0170	0.0170	0.1488	-0.2765	0.3098	0.5466	0.4534	
wIR[15, 3, 7]	0.0374	0.0369	0.1482	-0.2531	0.3306	0.5994	0.4006	
wIR[16, 3, 7]	0.0292	0.0285	0.1489	-0.2609	0.3252	0.5779	0.4221	
wIR[17, 3, 7]	0.0261	0.0258	0.1475	-0.2630	0.3160	0.5707	0.4293	
wIR[18, 3, 7]	-0.0007	-0.0008	0.1492	-0.2920	0.2946	0.4977	0.5023	
wIR[19, 3, 7]	0.0008	0.0010	0.1489	-0.2917	0.2945	0.5030	0.4970	
wIR[20, 3, 7]	-0.0172	-0.0169	0.1483	-0.3088	0.2731	0.4540	0.5460	
wIR[21, 3, 7]	-0.0021	-0.0024	0.1481	-0.2924	0.2900	0.4930	0.5070	
wIR[22, 3, 7]	-0.0127	-0.0124	0.1487	-0.3055	0.2819	0.4656	0.5344	
wIR[23, 3, 7]	-0.0297	-0.0287	0.1485	-0.3242	0.2607	0.4208	0.5792	
wIR[24, 3, 7]	-0.0043	-0.0049	0.1481	-0.2964	0.2857	0.4868	0.5132	
wIR[25, 3, 7]	0.0004	0.0005	0.1488	-0.2927	0.2942	0.5012	0.4988	
wIR[26, 3, 7]	-0.0077	-0.0073	0.1478	-0.3000	0.2813	0.4797	0.5203	
wIR[27, 3, 7]	-0.0016	-0.0010	0.1498	-0.2974	0.2916	0.4974	0.5026	
wIR[28, 3, 7]	-0.0007	-0.0013	0.1497	-0.2953	0.2960	0.4965	0.5035	
wIR[29, 3, 7]	0.0075	0.0077	0.1474	-0.2833	0.2992	0.5205	0.4795	
wIR[30, 3, 7]	-0.0204	-0.0193	0.1476	-0.3125	0.2673	0.4455	0.5545	
wIR[31, 3, 7]	0.0254	0.0249	0.1483	-0.2648	0.3197	0.5678	0.4322	
wIR[32, 3, 7]	-0.0020	-0.0018	0.1487	-0.2945	0.2916	0.4952	0.5048	
wIR[33, 3, 7]	-0.0010	-0.0010	0.1497	-0.2956	0.2945	0.4971	0.5029	
wIR[34, 3, 7]	0.0262	0.0255	0.1478	-0.2624	0.3189	0.5673	0.4327	
wIR[35, 3, 7]	-0.0006	-0.0006	0.1488	-0.2920	0.2916	0.4987	0.5013	
wIR[36, 3, 7]	-0.0001	0.0006	0.1491	-0.2941	0.2931	0.5016	0.4984	
wIR[37, 3, 7]	0.0287	0.0283	0.1479	-0.2609	0.3208	0.5770	0.4230	
wIR[38, 3, 7]	-0.0084	-0.0080	0.1488	-0.3016	0.2852	0.4777	0.5223	
wIR[39, 3, 7]	-0.0746	-0.0736	0.1501	-0.3751	0.2169	0.3087	0.6913	*
wIR[40, 3, 7]	-0.0244	-0.0235	0.1490	-0.3180	0.2671	0.4379	0.5621	
wIR[41, 3, 7]	-0.0316	-0.0303	0.1483	-0.3261	0.2588	0.4155	0.5845	
wIR[42, 3, 7]	-0.0284	-0.0281	0.1480	-0.3215	0.2619	0.4223	0.5777	
wIR[43, 3, 7]	-0.0315	-0.0302	0.1483	-0.3262	0.2567	0.4170	0.5830	
wIR[44, 3, 7]	0.0003	0.0008	0.1494	-0.2957	0.2941	0.5021	0.4979	
wIR[45, 3, 7]	-0.0027	-0.0026	0.1481	-0.2931	0.2879	0.4929	0.5071	
wIR[46, 3, 7]	-0.0200	-0.0190	0.1484	-0.3148	0.2696	0.4475	0.5525	
wIR[47, 3, 7]	0.0000	0.0001	0.1497	-0.2934	0.2939	0.5002	0.4998	
wIR[48, 3, 7]	-0.0170	-0.0163	0.1502	-0.3143	0.2783	0.4560	0.5440	
wIR[49, 3, 7]	0.0013	0.0007	0.1480	-0.2892	0.2948	0.5020	0.4980	
wIR[50, 3, 7]	0.0063	0.0064	0.1481	-0.2854	0.2978	0.5169	0.4831	
wIR[1, 4, 7]	0.0122	0.0116	0.1476	-0.2802	0.3025	0.5319	0.4681	
wIR[2, 4, 7]	-0.0255	-0.0246	0.1477	-0.3190	0.2608	0.4334	0.5666	
wIR[3, 4, 7]	-0.0104	-0.0103	0.1481	-0.3022	0.2799	0.4718	0.5282	
wIR[4, 4, 7]	-0.0025	-0.0026	0.1478	-0.2925	0.2896	0.4928	0.5072	
wIR[5, 4, 7]	-0.0135	-0.0138	0.1478	-0.3051	0.2767	0.4633	0.5367	
wIR[6, 4, 7]	-0.0095	-0.0096	0.1475	-0.3010	0.2805	0.4732	0.5268	
wIR[7, 4, 7]	-0.0045	-0.0041	0.1479	-0.2946	0.2844	0.4889	0.5111	
wIR[8, 4, 7]	-0.0401	-0.0387	0.1477	-0.3326	0.2485	0.3947	0.6053	

wIR[9, 4, 7]	-0.0429	-0.0421	0.1473	-0.3313	0.2464	0.3858	0.6142
wIR[10, 4, 7]	0.0007	-0.0002	0.1490	-0.2912	0.2934	0.4995	0.5005
wIR[11, 4, 7]	0.0000	0.0002	0.1479	-0.2904	0.2888	0.5006	0.4994
wIR[12, 4, 7]	-0.0172	-0.0170	0.1490	-0.3105	0.2765	0.4535	0.5465
wIR[13, 4, 7]	0.0000	0.0000	0.1490	-0.2926	0.2936	0.5000	0.5000
wIR[14, 4, 7]	-0.0003	-0.0010	0.1479	-0.2925	0.2893	0.4972	0.5028
wIR[15, 4, 7]	-0.0042	-0.0038	0.1483	-0.2939	0.2871	0.4894	0.5106
wIR[16, 4, 7]	0.0022	0.0022	0.1481	-0.2866	0.2951	0.5055	0.4945
wIR[17, 4, 7]	0.0046	0.0055	0.1477	-0.2866	0.2941	0.5149	0.4851
wIR[18, 4, 7]	-0.0004	-0.0011	0.1493	-0.2936	0.2920	0.4973	0.5027
wIR[19, 4, 7]	-0.0145	-0.0138	0.1485	-0.3079	0.2780	0.4612	0.5388
wIR[20, 4, 7]	-0.0177	-0.0173	0.1483	-0.3107	0.2731	0.4537	0.5463
wIR[21, 4, 7]	-0.0364	-0.0351	0.1479	-0.3308	0.2520	0.4031	0.5969
wIR[22, 4, 7]	-0.0118	-0.0103	0.1472	-0.3033	0.2755	0.4717	0.5283
wIR[23, 4, 7]	-0.0028	-0.0035	0.1476	-0.2935	0.2870	0.4904	0.5096
wIR[24, 4, 7]	0.0115	0.0108	0.1481	-0.2806	0.3044	0.5291	0.4709
wIR[25, 4, 7]	0.0003	0.0004	0.1504	-0.2966	0.2961	0.5012	0.4988
wIR[26, 4, 7]	0.0113	0.0110	0.1480	-0.2802	0.3048	0.5299	0.4701
wIR[27, 4, 7]	0.0002	-0.0002	0.1493	-0.2945	0.2943	0.4994	0.5006
wIR[28, 4, 7]	-0.0006	-0.0005	0.1494	-0.2967	0.2921	0.4986	0.5014
wIR[29, 4, 7]	0.0003	-0.0005	0.1478	-0.2919	0.2913	0.4988	0.5012
wIR[30, 4, 7]	-0.0027	-0.0034	0.1482	-0.2947	0.2889	0.4908	0.5092
wIR[31, 4, 7]	-0.0187	-0.0178	0.1478	-0.3107	0.2708	0.4520	0.5480
wIR[32, 4, 7]	-0.0115	-0.0112	0.1481	-0.3041	0.2793	0.4700	0.5300
wIR[33, 4, 7]	0.0000	0.0000	0.1482	-0.2913	0.2926	0.4999	0.5001
wIR[34, 4, 7]	-0.0047	-0.0042	0.1482	-0.2970	0.2866	0.4882	0.5118
wIR[35, 4, 7]	-0.0107	-0.0106	0.1482	-0.3022	0.2823	0.4710	0.5290
wIR[36, 4, 7]	0.0006	0.0013	0.1488	-0.2936	0.2930	0.5035	0.4965
wIR[37, 4, 7]	-0.0228	-0.0218	0.1481	-0.3146	0.2688	0.4403	0.5597
wIR[38, 4, 7]	0.0050	0.0048	0.1477	-0.2856	0.2971	0.5129	0.4871
wIR[39, 4, 7]	-0.0153	-0.0151	0.1491	-0.3081	0.2755	0.4589	0.5411
wIR[40, 4, 7]	-0.0142	-0.0139	0.1486	-0.3072	0.2783	0.4613	0.5387
wIR[41, 4, 7]	0.0073	0.0071	0.1473	-0.2824	0.2968	0.5189	0.4811
wIR[42, 4, 7]	-0.0047	-0.0049	0.1476	-0.2948	0.2847	0.4868	0.5132
wIR[43, 4, 7]	-0.0085	-0.0088	0.1485	-0.3002	0.2838	0.4754	0.5246
wIR[44, 4, 7]	-0.0004	0.0002	0.1489	-0.2963	0.2901	0.5005	0.4995
wIR[45, 4, 7]	0.0039	0.0040	0.1479	-0.2848	0.2972	0.5106	0.4894
wIR[46, 4, 7]	0.0155	0.0157	0.1480	-0.2752	0.3061	0.5416	0.4584
wIR[47, 4, 7]	-0.0005	-0.0006	0.1495	-0.2946	0.2929	0.4983	0.5017
wIR[48, 4, 7]	-0.0461	-0.0446	0.1501	-0.3454	0.2462	0.3801	0.6199
wIR[49, 4, 7]	-0.0093	-0.0095	0.1483	-0.3017	0.2838	0.4748	0.5252
wIR[50, 4, 7]	-0.0285	-0.0273	0.1478	-0.3195	0.2609	0.4232	0.5768
wIR[1, 5, 7]	0.0356	0.0350	0.1469	-0.2508	0.3270	0.5961	0.4039
wIR[2, 5, 7]	0.0312	0.0308	0.1467	-0.2579	0.3215	0.5852	0.4148
wIR[3, 5, 7]	-0.0274	-0.0261	0.1463	-0.3183	0.2578	0.4280	0.5720
wIR[4, 5, 7]	-0.0239	-0.0241	0.1457	-0.3116	0.2625	0.4345	0.5655
wIR[5, 5, 7]	0.0319	0.0310	0.1459	-0.2520	0.3229	0.5855	0.4145
wIR[6, 5, 7]	-0.0037	-0.0029	0.1464	-0.2923	0.2837	0.4918	0.5082
wIR[7, 5, 7]	0.0288	0.0280	0.1461	-0.2557	0.3178	0.5776	0.4224
wIR[8, 5, 7]	0.0114	0.0106	0.1461	-0.2746	0.2980	0.5286	0.4714

wIR[9, 5, 7]	0.0059	0.0062	0.1466	-0.2814	0.2959	0.5171	0.4829	
wIR[10, 5, 7]	0.0006	0.0006	0.1510	-0.2956	0.2976	0.5018	0.4982	
wIR[11, 5, 7]	0.0204	0.0205	0.1453	-0.2637	0.3062	0.5557	0.4443	
wIR[12, 5, 7]	0.1240	0.1212	0.1491	-0.1621	0.4258	0.7987	0.2013	*
wIR[13, 5, 7]	-0.0005	-0.0008	0.1506	-0.2967	0.2955	0.4982	0.5018	
wIR[14, 5, 7]	0.0234	0.0234	0.1472	-0.2649	0.3125	0.5650	0.4350	
wIR[15, 5, 7]	0.0073	0.0075	0.1465	-0.2817	0.2958	0.5205	0.4795	
wIR[16, 5, 7]	-0.0269	-0.0263	0.1475	-0.3185	0.2623	0.4276	0.5724	
wIR[17, 5, 7]	-0.0107	-0.0102	0.1456	-0.2986	0.2760	0.4715	0.5285	
wIR[18, 5, 7]	-0.0001	0.0001	0.1507	-0.2984	0.2963	0.5004	0.4996	
wIR[19, 5, 7]	0.0129	0.0125	0.1487	-0.2789	0.3065	0.5340	0.4660	
wIR[20, 5, 7]	-0.0082	-0.0091	0.1468	-0.2972	0.2805	0.4751	0.5249	
wIR[21, 5, 7]	-0.0034	-0.0034	0.1464	-0.2917	0.2862	0.4905	0.5095	
wIR[22, 5, 7]	0.0381	0.0372	0.1468	-0.2497	0.3280	0.6030	0.3970	
wIR[23, 5, 7]	-0.0130	-0.0123	0.1473	-0.3041	0.2756	0.4654	0.5346	
wIR[24, 5, 7]	0.0264	0.0261	0.1460	-0.2573	0.3154	0.5729	0.4271	
wIR[25, 5, 7]	0.0000	0.0001	0.1508	-0.2968	0.2983	0.5003	0.4997	
wIR[26, 5, 7]	0.0126	0.0125	0.1463	-0.2733	0.3002	0.5347	0.4653	
wIR[27, 5, 7]	-0.0007	-0.0015	0.1505	-0.2976	0.2956	0.4959	0.5041	
wIR[28, 5, 7]	-0.0001	-0.0001	0.1505	-0.2954	0.2966	0.4998	0.5002	
wIR[29, 5, 7]	0.0188	0.0183	0.1460	-0.2669	0.3059	0.5522	0.4478	
wIR[30, 5, 7]	-0.0048	-0.0041	0.1461	-0.2942	0.2822	0.4887	0.5113	
wIR[31, 5, 7]	0.0145	0.0146	0.1458	-0.2723	0.3016	0.5398	0.4602	
wIR[32, 5, 7]	0.0516	0.0503	0.1469	-0.2341	0.3426	0.6361	0.3639	
wIR[33, 5, 7]	0.0001	-0.0002	0.1507	-0.2966	0.2975	0.4995	0.5005	
wIR[34, 5, 7]	-0.0160	-0.0157	0.1463	-0.3053	0.2726	0.4563	0.5437	
wIR[35, 5, 7]	0.0608	0.0596	0.1466	-0.2252	0.3528	0.6630	0.3370	*
wIR[36, 5, 7]	-0.0004	-0.0007	0.1504	-0.2949	0.2951	0.4984	0.5016	
wIR[37, 5, 7]	-0.0151	-0.0151	0.1459	-0.3031	0.2719	0.4578	0.5422	
wIR[38, 5, 7]	-0.0006	-0.0006	0.1473	-0.2895	0.2873	0.4982	0.5018	
wIR[39, 5, 7]	-0.0184	-0.0185	0.1466	-0.3070	0.2702	0.4498	0.5502	
wIR[40, 5, 7]	0.0463	0.0453	0.1468	-0.2409	0.3389	0.6234	0.3766	
wIR[41, 5, 7]	-0.0267	-0.0265	0.1459	-0.3151	0.2591	0.4271	0.5729	
wIR[42, 5, 7]	0.0199	0.0196	0.1467	-0.2647	0.3116	0.5532	0.4468	
wIR[43, 5, 7]	-0.0257	-0.0247	0.1473	-0.3169	0.2632	0.4313	0.5687	
wIR[44, 5, 7]	0.0002	-0.0001	0.1504	-0.2967	0.2976	0.4998	0.5002	
wIR[45, 5, 7]	0.0068	0.0069	0.1467	-0.2803	0.2949	0.5184	0.4816	
wIR[46, 5, 7]	0.0322	0.0311	0.1464	-0.2536	0.3231	0.5862	0.4138	
wIR[47, 5, 7]	-0.0005	-0.0006	0.1502	-0.2978	0.2941	0.4982	0.5018	
wIR[48, 5, 7]	-0.0287	-0.0286	0.1480	-0.3232	0.2614	0.4220	0.5780	
wIR[49, 5, 7]	-0.0407	-0.0400	0.1466	-0.3310	0.2461	0.3896	0.6104	
wIR[50, 5, 7]	0.0017	0.0015	0.1460	-0.2841	0.2895	0.5036	0.4964	
wIR[1, 6, 7]	0.0002	-0.0001	0.1465	-0.2861	0.2885	0.4996	0.5004	
wIR[2, 6, 7]	-0.0225	-0.0217	0.1468	-0.3129	0.2648	0.4403	0.5597	
wIR[3, 6, 7]	0.0221	0.0220	0.1465	-0.2655	0.3127	0.5593	0.4407	
wIR[4, 6, 7]	0.0123	0.0123	0.1464	-0.2742	0.3006	0.5344	0.4656	
wIR[5, 6, 7]	0.0019	0.0018	0.1462	-0.2871	0.2893	0.5050	0.4950	
wIR[6, 6, 7]	-0.0110	-0.0112	0.1461	-0.2979	0.2758	0.4688	0.5312	
wIR[7, 6, 7]	-0.0199	-0.0198	0.1462	-0.3096	0.2666	0.4455	0.5545	
wIR[8, 6, 7]	-0.0209	-0.0202	0.1469	-0.3106	0.2668	0.4440	0.5560	

wIR[9, 6, 7]	0.0040	0.0039	0.1468	-0.2840	0.2951	0.5110	0.4890	
wIR[10, 6, 7]	-0.0004	-0.0006	0.1491	-0.2952	0.2920	0.4982	0.5018	
wIR[11, 6, 7]	-0.0194	-0.0185	0.1465	-0.3092	0.2673	0.4484	0.5516	
wIR[12, 6, 7]	-0.0331	-0.0328	0.1476	-0.3248	0.2542	0.4122	0.5878	
wIR[13, 6, 7]	0.0015	0.0014	0.1489	-0.2914	0.2946	0.5038	0.4962	
wIR[14, 6, 7]	0.0265	0.0262	0.1464	-0.2599	0.3143	0.5724	0.4276	
wIR[15, 6, 7]	0.0137	0.0140	0.1460	-0.2725	0.3008	0.5376	0.4624	
wIR[16, 6, 7]	0.0555	0.0546	0.1475	-0.2310	0.3517	0.6453	0.3547	
wIR[17, 6, 7]	0.0080	0.0074	0.1467	-0.2815	0.2974	0.5199	0.4801	
wIR[18, 6, 7]	-0.0004	-0.0003	0.1488	-0.2939	0.2925	0.4992	0.5008	
wIR[19, 6, 7]	-0.0055	-0.0055	0.1480	-0.2972	0.2860	0.4848	0.5152	
wIR[20, 6, 7]	0.0045	0.0050	0.1466	-0.2847	0.2936	0.5130	0.4870	
wIR[21, 6, 7]	-0.0058	-0.0052	0.1461	-0.2922	0.2829	0.4850	0.5150	
wIR[22, 6, 7]	-0.0080	-0.0079	0.1465	-0.2984	0.2792	0.4782	0.5218	
wIR[23, 6, 7]	0.0296	0.0293	0.1464	-0.2557	0.3216	0.5806	0.4194	
wIR[24, 6, 7]	-0.0002	0.0000	0.1459	-0.2875	0.2884	0.5000	0.5000	
wIR[25, 6, 7]	0.0008	0.0010	0.1485	-0.2930	0.2932	0.5026	0.4974	
wIR[26, 6, 7]	0.0000	-0.0001	0.1459	-0.2867	0.2870	0.4998	0.5002	
wIR[27, 6, 7]	0.0003	-0.0002	0.1490	-0.2937	0.2937	0.4995	0.5005	
wIR[28, 6, 7]	0.0007	0.0015	0.1481	-0.2899	0.2938	0.5040	0.4960	
wIR[29, 6, 7]	0.0064	0.0065	0.1461	-0.2837	0.2926	0.5187	0.4813	
wIR[30, 6, 7]	0.0132	0.0127	0.1469	-0.2755	0.3029	0.5348	0.4652	
wIR[31, 6, 7]	0.0070	0.0071	0.1463	-0.2814	0.2947	0.5193	0.4807	
wIR[32, 6, 7]	0.0011	0.0018	0.1468	-0.2889	0.2891	0.5052	0.4948	
wIR[33, 6, 7]	-0.0001	-0.0004	0.1488	-0.2919	0.2919	0.4990	0.5010	
wIR[34, 6, 7]	0.0272	0.0266	0.1466	-0.2598	0.3185	0.5729	0.4271	
wIR[35, 6, 7]	-0.0139	-0.0134	0.1469	-0.3041	0.2742	0.4624	0.5376	
wIR[36, 6, 7]	0.0004	-0.0001	0.1494	-0.2933	0.2950	0.4997	0.5003	
wIR[37, 6, 7]	0.0582	0.0568	0.1467	-0.2274	0.3486	0.6553	0.3447	*
wIR[38, 6, 7]	0.0054	0.0052	0.1473	-0.2860	0.2944	0.5145	0.4855	
wIR[39, 6, 7]	0.0129	0.0123	0.1471	-0.2737	0.3049	0.5333	0.4667	
wIR[40, 6, 7]	-0.0477	-0.0470	0.1467	-0.3386	0.2391	0.3721	0.6279	
wIR[41, 6, 7]	0.0140	0.0141	0.1461	-0.2721	0.3036	0.5382	0.4618	
wIR[42, 6, 7]	-0.0269	-0.0265	0.1460	-0.3159	0.2577	0.4278	0.5722	
wIR[43, 6, 7]	-0.0012	-0.0009	0.1477	-0.2921	0.2892	0.4974	0.5026	
wIR[44, 6, 7]	-0.0002	0.0007	0.1481	-0.2928	0.2908	0.5019	0.4981	
wIR[45, 6, 7]	0.0109	0.0103	0.1466	-0.2765	0.3005	0.5288	0.4712	
wIR[46, 6, 7]	0.0004	0.0004	0.1463	-0.2875	0.2875	0.5013	0.4987	
wIR[47, 6, 7]	0.0006	-0.0001	0.1492	-0.2930	0.2935	0.4995	0.5005	
wIR[48, 6, 7]	-0.0284	-0.0280	0.1492	-0.3237	0.2627	0.4237	0.5763	
wIR[49, 6, 7]	0.0296	0.0287	0.1466	-0.2559	0.3200	0.5797	0.4203	
wIR[50, 6, 7]	0.0059	0.0056	0.1461	-0.2822	0.2937	0.5153	0.4847	
thetaIR[1, 1]	0.1443	0.1444	0.8281	-1.4805	1.7461	0.5670	0.4330	
thetaIR[2, 1]	0.3181	0.3268	0.9055	-1.4776	2.0603	0.6397	0.3603	
thetaIR[3, 1]	-0.0586	-0.0511	0.9498	-1.9233	1.8064	0.4780	0.5220	
thetaIR[4, 1]	-0.2586	-0.2610	0.8162	-1.8569	1.3534	0.3731	0.6269	
thetaIR[5, 1]	0.4359	0.4464	0.7310	-1.0144	1.8276	0.7234	0.2766	*
thetaIR[6, 1]	0.2839	0.2911	0.8310	-1.3551	1.8859	0.6326	0.3674	
thetaIR[1, 2]	0.1299	0.1270	0.8290	-1.4916	1.7490	0.5609	0.4391	
thetaIR[2, 2]	0.0557	0.0519	0.9067	-1.7320	1.8041	0.5224	0.4776	

thetaIR[3, 2]	-0.2303	-0.2225	0.9640	-2.1294	1.6288	0.4083	0.5917	
thetaIR[4, 2]	0.0608	0.0534	0.8290	-1.5378	1.7108	0.5262	0.4738	
thetaIR[5, 2]	-0.1258	-0.1321	0.7187	-1.5212	1.2709	0.4288	0.5712	
thetaIR[6, 2]	0.1128	0.1086	0.8298	-1.4870	1.7623	0.5520	0.4480	
thetaIR[1, 3]	-0.0796	-0.0816	0.8455	-1.7149	1.5838	0.4596	0.5404	
thetaIR[2, 3]	0.0287	0.0301	0.9149	-1.7740	1.8185	0.5135	0.4865	
thetaIR[3, 3]	0.2631	0.2819	0.9677	-1.6502	2.1202	0.6094	0.3906	
thetaIR[4, 3]	-0.1567	-0.1528	0.8447	-1.8084	1.4935	0.4288	0.5712	
thetaIR[5, 3]	0.1467	0.1491	0.7240	-1.2713	1.5683	0.5805	0.4195	
thetaIR[6, 3]	0.0462	0.0526	0.8235	-1.5673	1.6380	0.5255	0.4745	
thetaIR[1, 4]	0.4098	0.4189	0.8241	-1.2386	1.9769	0.6933	0.3067	*
thetaIR[2, 4]	-0.1907	-0.1967	0.8963	-1.9425	1.5658	0.4153	0.5847	
thetaIR[3, 4]	-0.0584	-0.0548	0.9710	-1.9608	1.8395	0.4780	0.5220	
thetaIR[4, 4]	-0.0121	-0.0106	0.8192	-1.6218	1.6005	0.4951	0.5049	
thetaIR[5, 4]	-0.1795	-0.1803	0.7303	-1.6005	1.2461	0.4026	0.5974	
thetaIR[6, 4]	-0.1003	-0.0954	0.8316	-1.7355	1.5186	0.4536	0.5464	
thetaIR[1, 5]	-0.0966	-0.1069	0.8005	-1.6578	1.4929	0.4471	0.5529	
thetaIR[2, 5]	0.6100	0.6104	0.8825	-1.1322	2.3071	0.7550	0.2450	*
thetaIR[3, 5]	0.0718	0.0671	0.9303	-1.7425	1.8968	0.5294	0.4706	
thetaIR[4, 5]	0.2711	0.2730	0.8190	-1.3326	1.8823	0.6266	0.3734	
thetaIR[5, 5]	0.6909	0.7102	0.6869	-0.6841	1.9941	0.8402	0.1598	*
thetaIR[6, 5]	-0.1619	-0.1611	0.8030	-1.7157	1.4184	0.4193	0.5807	
thetaIR[1, 6]	0.0773	0.0851	0.8291	-1.5691	1.6891	0.5405	0.4595	
thetaIR[2, 6]	-0.2703	-0.2697	0.9000	-2.0048	1.5061	0.3818	0.6182	
thetaIR[3, 6]	0.0884	0.0854	0.9669	-1.7973	1.9939	0.5355	0.4645	
thetaIR[4, 6]	-0.2666	-0.2658	0.8274	-1.8828	1.3553	0.3728	0.6272	
thetaIR[5, 6]	-0.3748	-0.3792	0.7310	-1.7620	1.0722	0.3020	0.6980	*
thetaIR[6, 6]	0.0461	0.0387	0.8163	-1.5441	1.6423	0.5200	0.4800	
Sigma.wIR[1, 1]	0.0224	0.0217	0.0050	0.0148	0.0344	1.0000	0.0000	*
Sigma.wIR[2, 1]	0.0001	0.0001	0.0033	-0.0063	0.0069	0.5190	0.4810	
Sigma.wIR[3, 1]	0.0004	0.0005	0.0034	-0.0065	0.0071	0.5592	0.4408	
Sigma.wIR[4, 1]	0.0002	0.0001	0.0032	-0.0061	0.0069	0.5186	0.4814	
Sigma.wIR[5, 1]	0.0004	0.0004	0.0035	-0.0065	0.0078	0.5624	0.4376	
Sigma.wIR[6, 1]	-0.0001	-0.0001	0.0032	-0.0065	0.0067	0.4808	0.5192	
Sigma.wIR[1, 2]	0.0001	0.0001	0.0033	-0.0063	0.0069	0.5190	0.4810	
Sigma.wIR[2, 2]	0.0226	0.0220	0.0047	0.0151	0.0336	1.0000	0.0000	*
Sigma.wIR[3, 2]	-0.0003	-0.0001	0.0036	-0.0078	0.0063	0.4891	0.5109	
Sigma.wIR[4, 2]	0.0005	0.0004	0.0035	-0.0062	0.0079	0.5441	0.4559	
Sigma.wIR[5, 2]	0.0003	0.0003	0.0036	-0.0066	0.0077	0.5322	0.4678	
Sigma.wIR[6, 2]	-0.0006	-0.0005	0.0033	-0.0075	0.0055	0.4268	0.5732	
Sigma.wIR[1, 3]	0.0004	0.0005	0.0034	-0.0065	0.0071	0.5592	0.4408	
Sigma.wIR[2, 3]	-0.0003	-0.0001	0.0036	-0.0078	0.0063	0.4891	0.5109	
Sigma.wIR[3, 3]	0.0223	0.0217	0.0048	0.0147	0.0331	1.0000	0.0000	*
Sigma.wIR[4, 3]	-0.0004	-0.0006	0.0033	-0.0067	0.0063	0.4292	0.5708	
Sigma.wIR[5, 3]	0.0003	0.0002	0.0034	-0.0064	0.0074	0.5280	0.4720	
Sigma.wIR[6, 3]	0.0005	0.0005	0.0031	-0.0058	0.0068	0.5671	0.4329	
Sigma.wIR[1, 4]	0.0002	0.0001	0.0032	-0.0061	0.0069	0.5186	0.4814	
Sigma.wIR[2, 4]	0.0005	0.0004	0.0035	-0.0062	0.0079	0.5441	0.4559	
Sigma.wIR[3, 4]	-0.0004	-0.0006	0.0033	-0.0067	0.0063	0.4292	0.5708	
Sigma.wIR[4, 4]	0.0222	0.0215	0.0047	0.0149	0.0333	1.0000	0.0000	*

Sigma.wIR[5, 4]	-0.0007	-0.0006	0.0032	-0.0074	0.0052	0.4275	0.5725	
Sigma.wIR[6, 4]	0.0000	-0.0001	0.0033	-0.0063	0.0071	0.4874	0.5126	
Sigma.wIR[1, 5]	0.0004	0.0004	0.0035	-0.0065	0.0078	0.5624	0.4376	
Sigma.wIR[2, 5]	0.0003	0.0003	0.0036	-0.0066	0.0077	0.5322	0.4678	
Sigma.wIR[3, 5]	0.0003	0.0002	0.0034	-0.0064	0.0074	0.5280	0.4720	
Sigma.wIR[4, 5]	-0.0007	-0.0006	0.0032	-0.0074	0.0052	0.4275	0.5725	
Sigma.wIR[5, 5]	0.0227	0.0219	0.0053	0.0148	0.0356	1.0000	0.0000	*
Sigma.wIR[6, 5]	0.0004	0.0005	0.0035	-0.0066	0.0070	0.5589	0.4411	
Sigma.wIR[1, 6]	-0.0001	-0.0001	0.0032	-0.0065	0.0067	0.4808	0.5192	
Sigma.wIR[2, 6]	-0.0006	-0.0005	0.0033	-0.0075	0.0055	0.4268	0.5732	
Sigma.wIR[3, 6]	0.0005	0.0005	0.0031	-0.0058	0.0068	0.5671	0.4329	
Sigma.wIR[4, 6]	0.0000	-0.0001	0.0033	-0.0063	0.0071	0.4874	0.5126	
Sigma.wIR[5, 6]	0.0004	0.0005	0.0035	-0.0066	0.0070	0.5589	0.4411	
Sigma.wIR[6, 6]	0.0221	0.0216	0.0046	0.0147	0.0326	1.0000	0.0000	*
sigma.wP	1.4039	1.3577	0.3735	0.7838	2.2537	1.0000	0.0000	*
sigma.wA	0.2851	0.2835	0.0986	0.0934	0.4623	1.0000	0.0000	*
sigma.wD	0.5561	0.5106	0.2777	0.1694	1.2257	1.0000	0.0000	*