

Supplementary Document: MCMC Summary

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

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Pathogen Load

Parameter	Post.Mean	Post.Median	Post.SD	Lower95	Upper95	P.great.0	P.less.0	Evidence
betaP[1]	-0.0043	-0.0051	2.2366	-4.3637	4.3952	0.4992	0.5008	
betaP[2]	-0.0015	0.0037	2.2382	-4.4126	4.3578	0.5006	0.4994	
betaP[3]	0.0013	0.0048	2.2501	-4.3981	4.3793	0.5008	0.4992	
betaP[4]	-0.0023	0.0047	2.2337	-4.3852	4.3682	0.5007	0.4993	
betaP[5]	0.0109	-0.0027	2.2375	-4.3703	4.4076	0.4995	0.5005	
betaP[6]	0.0041	0.0102	2.2325	-4.3615	4.4102	0.5019	0.4981	
betaP[7]	-0.0111	-0.0169	2.2287	-4.3766	4.3894	0.4970	0.5030	
betaP[8]	0.0016	0.0050	2.2291	-4.3821	4.3748	0.5008	0.4992	
betaP[9]	0.1986	0.2014	0.1108	-0.0297	0.4088	0.9563	0.0437	*
betaP[10]	0.1856	0.1893	0.1277	-0.0657	0.4333	0.9233	0.0767	*
betaP[11]	1.4324	1.3787	1.2993	-0.9778	4.0461	0.8647	0.1353	*
betaP[12]	3.2160	3.2050	0.4335	2.3826	4.1239	1.0000	0.0000	*
betaP[13]	3.5353	3.5170	0.5690	2.4795	4.7203	1.0000	0.0000	*
betaP[14]	2.3414	2.3684	1.6389	-0.9259	5.4471	0.9202	0.0798	*
betaP[15]	-0.1327	-0.1349	0.3888	-0.8805	0.6568	0.3570	0.6430	
betaP[16]	0.1931	0.1999	0.5031	-0.8399	1.1737	0.6590	0.3410	
betaP[17]	-0.4745	-0.5080	2.0918	-4.4875	3.6955	0.4085	0.5915	
betaP[18]	-0.0211	-0.0217	0.4732	-0.9636	0.9056	0.4807	0.5193	
betaP[19]	-0.2368	-0.2388	0.3109	-0.8518	0.3700	0.2242	0.7758	*
betaP[20]	0.8275	0.8477	2.1829	-3.4681	5.1090	0.6484	0.3516	
betaP[21]	-0.1668	-0.1629	0.3255	-0.8129	0.4669	0.3036	0.6964	
betaP[22]	0.4408	0.4395	0.3075	-0.1548	1.0484	0.9263	0.0737	*
betaP[23]	-0.6852	-0.6888	2.0594	-4.6959	3.3172	0.3688	0.6312	
betaP[24]	0.1957	0.1992	0.2924	-0.3984	0.7706	0.7602	0.2398	*
betaP[25]	-0.7825	-0.7851	0.4191	-1.6118	0.0708	0.0344	0.9656	*
betaP[26]	-0.2515	-0.2473	2.0232	-4.1400	3.8512	0.4511	0.5489	
betaP[27]	1.0650	1.0631	0.5912	-0.0857	2.2498	0.9655	0.0345	*
betaP[28]	0.4364	0.4352	0.5423	-0.6320	1.4914	0.7912	0.2088	*
betaP[29]	0.7089	0.7166	2.1071	-3.4453	4.8084	0.6327	0.3673	
betaP[30]	0.4758	0.4561	0.4379	-0.3346	1.3912	0.8678	0.1322	*
betaP[31]	-0.2837	-0.2845	0.4044	-1.0717	0.5342	0.2348	0.7652	*
betaP[32]	0.3077	0.3144	2.2143	-4.0043	4.6744	0.5539	0.4461	
alphaP[1]	-1.4345	-1.4145	0.7705	-2.9374	0.0057	0.0253	0.9747	*
alphaP[2]	-0.4600	-0.4463	0.7027	-1.8665	0.8922	0.2578	0.7422	*
alphaP[3]	0.1235	0.1289	0.6137	-1.0931	1.3286	0.5841	0.4159	

alphaP[4]	-0.2357	-0.2433	0.5750	-1.3520	0.8970	0.3391	0.6609	
alphaP[5]	0.0234	0.0155	0.8226	-1.5774	1.6616	0.5081	0.4919	
alphaP[6]	-0.6496	-0.6397	0.5425	-1.7371	0.3917	0.1142	0.8858	*

Antibody Levels

Parameter	Post.Mean	Post.Median	Post.SD	Lower95	Upper95	P.great.0	P.less.0	Evidence
betaA[1]	0.0094	0.0119	2.2342	-4.3617	4.3750	0.5021	0.4979	
betaA[2]	0.0043	0.0135	2.2397	-4.3786	4.4013	0.5022	0.4978	
betaA[3]	0.0122	0.0061	2.2399	-4.3788	4.3985	0.5010	0.4990	
betaA[4]	-0.0008	-0.0069	2.2392	-4.3883	4.4105	0.4986	0.5014	
betaA[5]	0.0025	0.0045	2.2383	-4.3800	4.3909	0.5009	0.4991	
betaA[6]	0.0003	-0.0045	2.2475	-4.3994	4.4001	0.4993	0.5007	
betaA[7]	0.0026	0.0128	2.2432	-4.3958	4.4019	0.5023	0.4977	
betaA[8]	0.0122	0.0079	2.2382	-4.3821	4.4082	0.5019	0.4981	
betaA[9]	0.0223	0.0222	0.0097	0.0032	0.0416	0.9882	0.0118	*
betaA[10]	0.0241	0.0240	0.0131	-0.0014	0.0500	0.9673	0.0327	*
betaA[11]	0.1025	0.0247	0.6995	-1.3109	1.7207	0.5192	0.4808	
betaA[12]	0.8405	0.8448	0.0630	0.7039	0.9490	1.0000	0.0000	*
betaA[13]	0.7605	0.7636	0.0715	0.6121	0.8954	1.0000	0.0000	*
betaA[14]	0.5130	0.5948	1.2183	-2.3287	2.8640	0.7131	0.2869	*
betaA[15]	-0.0620	-0.0619	0.0417	-0.1449	0.0196	0.0668	0.9332	*
betaA[16]	-0.0878	-0.0874	0.0623	-0.2098	0.0336	0.0787	0.9213	*
betaA[17]	-0.0049	-0.0335	1.5926	-3.1469	3.0633	0.4917	0.5083	
betaA[18]	-0.0025	-0.0022	0.0451	-0.0916	0.0860	0.4800	0.5200	
betaA[19]	0.0241	0.0243	0.0456	-0.0658	0.1123	0.7029	0.2971	*
betaA[20]	0.0701	0.0992	1.7583	-3.6227	3.4480	0.5249	0.4751	
betaA[21]	-0.0297	-0.0301	0.0314	-0.0900	0.0326	0.1719	0.8281	*
betaA[22]	0.0165	0.0162	0.0374	-0.0560	0.0906	0.6678	0.3322	
betaA[23]	-0.2241	-0.1860	1.7110	-3.6348	3.0503	0.4585	0.5415	
betaA[24]	-0.0154	-0.0151	0.0269	-0.0688	0.0365	0.2852	0.7148	*
betaA[25]	0.0454	0.0459	0.0590	-0.0712	0.1602	0.7797	0.2203	*
betaA[26]	-0.0716	-0.1328	1.5243	-2.9107	2.9836	0.4663	0.5337	
betaA[27]	0.0984	0.0983	0.0529	-0.0052	0.2020	0.9685	0.0315	*
betaA[28]	0.0343	0.0341	0.0641	-0.0904	0.1618	0.7031	0.2969	*
betaA[29]	-0.0525	-0.0749	1.9605	-4.0034	3.7328	0.4832	0.5168	
betaA[30]	-0.0466	-0.0463	0.0390	-0.1243	0.0295	0.1147	0.8853	*
betaA[31]	0.0049	0.0061	0.0510	-0.0979	0.1026	0.5476	0.4524	
betaA[32]	-0.0525	-0.0236	1.8422	-3.7879	3.3908	0.4952	0.5048	
alphaA[1]	-0.4147	-0.4044	0.1852	-0.8075	-0.0844	0.0055	0.9945	*
alphaA[2]	-0.0082	-0.0049	0.1132	-0.2408	0.2064	0.4819	0.5181	
alphaA[3]	0.0624	0.0638	0.0987	-0.1362	0.2520	0.7456	0.2544	*
alphaA[4]	0.0950	0.0941	0.0562	-0.0134	0.2072	0.9572	0.0428	*
alphaA[5]	0.3397	0.3349	0.1653	0.0268	0.6763	0.9833	0.0167	*
alphaA[6]	0.0594	0.0593	0.0505	-0.0390	0.1598	0.8833	0.1167	*

Disease Status

Parameter	Post.Mean	Post.Median	Post.SD	Lower95	Upper95	P.great.0	P.less.0	Evidence
betaD1[1]	0.0066	0.0047	1.0000	-1.9427	1.9636	0.5020	0.4980	
betaD1[2]	0.0007	-0.0045	1.0034	-1.9677	1.9671	0.4984	0.5016	
betaD1[3]	-0.0025	-0.0037	1.0011	-1.9619	1.9603	0.4988	0.5012	
betaD1[4]	-0.0068	-0.0074	0.9968	-1.9760	1.9632	0.4967	0.5033	
betaD1[5]	-0.0100	-0.0057	0.9986	-1.9846	1.9354	0.4975	0.5025	
betaD1[6]	0.0079	0.0051	1.0030	-1.9535	1.9650	0.5020	0.4980	
betaD1[7]	0.0005	0.0040	0.9943	-1.9472	1.9640	0.5016	0.4984	
betaD1[8]	0.0013	0.0031	0.9955	-1.9481	1.9610	0.5012	0.4988	
betaD1[9]	-0.3953	-0.3668	0.3184	-1.1002	0.1721	0.1004	0.8996	*
betaD1[10]	-0.5823	-0.5634	0.3588	-1.2827	0.0411	0.0379	0.9621	*
betaD1[11]	-0.6933	-0.6669	0.6972	-2.1150	0.5820	0.1603	0.8397	*
betaD1[12]	-1.5463	-1.5324	0.5098	-2.5896	-0.5905	0.0006	0.9994	*
betaD1[13]	-1.0196	-1.0077	0.5684	-2.1458	0.0574	0.0315	0.9685	*
betaD1[14]	-0.8111	-0.8180	0.8858	-2.5201	0.9452	0.1799	0.8201	*
betaD1[15]	-0.3591	-0.3576	0.5890	-1.5198	0.7975	0.2722	0.7278	*
betaD1[16]	0.0666	0.0692	0.6083	-1.1231	1.2558	0.5443	0.4557	
betaD1[17]	0.2394	0.2397	0.9604	-1.6271	2.1243	0.5987	0.4013	
betaD1[18]	0.6200	0.6154	0.5874	-0.5184	1.7815	0.8563	0.1437	*
betaD1[19]	0.0914	0.1001	0.5630	-1.0375	1.1797	0.5695	0.4305	
betaD1[20]	-0.3307	-0.3287	0.9800	-2.2540	1.5885	0.3663	0.6337	
betaD1[21]	-0.4326	-0.4297	0.5557	-1.5167	0.6505	0.2234	0.7766	*
betaD1[22]	-0.0444	-0.0409	0.5373	-1.1212	0.9964	0.4703	0.5297	
betaD1[23]	0.3538	0.3518	0.9632	-1.5564	2.2378	0.6445	0.3555	
betaD1[24]	-0.2418	-0.2318	0.5645	-1.3636	0.8239	0.3442	0.6558	
betaD1[25]	0.2059	0.2112	0.5867	-0.9490	1.3476	0.6415	0.3585	
betaD1[26]	0.1694	0.1629	0.9436	-1.6687	2.0077	0.5688	0.4312	
betaD1[27]	-0.5045	-0.4971	0.6281	-1.7556	0.7011	0.2130	0.7870	*
betaD1[28]	-0.3828	-0.3850	0.6216	-1.5917	0.8452	0.2682	0.7318	*
betaD1[29]	-0.3435	-0.3388	0.9767	-2.2569	1.5633	0.3629	0.6371	
betaD1[30]	0.0613	0.0599	0.5872	-1.0947	1.2011	0.5399	0.4601	
betaD1[31]	-0.1139	-0.1119	0.6065	-1.3145	1.0788	0.4258	0.5742	
betaD1[32]	-0.2058	-0.2047	0.9979	-2.1662	1.7494	0.4195	0.5805	
betaD2[1]	0.0003	0.0103	0.9925	-1.9577	1.9340	0.5040	0.4960	
betaD2[2]	0.0021	0.0058	0.9905	-1.9353	1.9473	0.5028	0.4972	
betaD2[3]	0.0045	0.0018	1.0000	-1.9653	1.9571	0.5008	0.4992	
betaD2[4]	-0.0047	-0.0012	0.9989	-1.9706	1.9591	0.4996	0.5004	
betaD2[5]	0.0011	-0.0007	1.0093	-1.9662	1.9799	0.4996	0.5004	
betaD2[6]	0.0138	0.0222	1.0005	-1.9331	1.9918	0.5084	0.4916	
betaD2[7]	-0.0045	-0.0003	1.0026	-1.9860	1.9541	0.4999	0.5001	
betaD2[8]	-0.0002	0.0060	0.9993	-1.9609	1.9410	0.5025	0.4975	
betaD2[9]	-0.5298	-0.5042	0.3221	-1.2601	0.0601	0.0412	0.9588	*
betaD2[10]	-0.5215	-0.5110	0.3547	-1.2230	0.0924	0.0603	0.9397	*
betaD2[11]	0.4378	0.4090	0.8448	-1.1436	2.1726	0.6890	0.3110	
betaD2[12]	-0.0665	-0.0675	0.5534	-1.1410	1.0379	0.4506	0.5494	
betaD2[13]	-0.8635	-0.8514	0.5729	-2.0296	0.2242	0.0640	0.9360	*
betaD2[14]	0.3181	0.3072	0.9348	-1.5015	2.1764	0.6312	0.3688	
betaD2[15]	-0.7564	-0.7587	0.5973	-1.9289	0.4132	0.1025	0.8975	*

betaD2[16]	-0.0939	-0.0947	0.5883	-1.2574	1.0471	0.4385	0.5615	
betaD2[17]	0.1284	0.1247	0.9668	-1.7679	2.0277	0.5514	0.4486	
betaD2[18]	-0.4958	-0.4954	0.5992	-1.6655	0.6621	0.2071	0.7929	*
betaD2[19]	-0.0234	-0.0188	0.5389	-1.0952	1.0167	0.4862	0.5138	
betaD2[20]	0.0250	0.0197	0.9921	-1.9197	1.9728	0.5079	0.4921	
betaD2[21]	-0.0404	-0.0374	0.5598	-1.1219	1.0512	0.4728	0.5272	
betaD2[22]	-0.1678	-0.1579	0.5177	-1.2213	0.8090	0.3780	0.6220	
betaD2[23]	0.0637	0.0614	0.9765	-1.8325	1.9863	0.5240	0.4760	
betaD2[24]	-0.0240	-0.0132	0.5693	-1.1665	1.0613	0.4915	0.5085	
betaD2[25]	-0.5531	-0.5416	0.5576	-1.6875	0.5056	0.1599	0.8401	*
betaD2[26]	0.1754	0.1753	0.9582	-1.6986	2.0384	0.5714	0.4286	
betaD2[27]	0.4096	0.4101	0.6432	-0.8552	1.6724	0.7400	0.2600	*
betaD2[28]	0.3479	0.3466	0.6029	-0.8218	1.5415	0.7194	0.2806	*
betaD2[29]	-0.0294	-0.0298	0.9825	-1.9573	1.8991	0.4876	0.5124	
betaD2[30]	-0.4843	-0.4786	0.5948	-1.6630	0.6702	0.2094	0.7906	*
betaD2[31]	-0.5116	-0.5072	0.5918	-1.6861	0.6409	0.1968	0.8032	*
betaD2[32]	-0.0173	-0.0155	0.9897	-1.9513	1.9182	0.4934	0.5066	
betaD3[1]	-0.0002	0.0033	1.0011	-1.9659	1.9598	0.5013	0.4987	
betaD3[2]	0.0057	0.0043	1.0005	-1.9395	1.9782	0.5018	0.4982	
betaD3[3]	0.0056	0.0091	1.0058	-1.9569	1.9853	0.5040	0.4960	
betaD3[4]	-0.0056	-0.0044	0.9969	-1.9465	1.9669	0.4983	0.5017	
betaD3[5]	0.0145	0.0199	0.9967	-1.9455	1.9647	0.5075	0.4925	
betaD3[6]	0.0022	0.0023	0.9973	-1.9546	1.9702	0.5010	0.4990	
betaD3[7]	-0.0033	-0.0027	0.9997	-1.9758	1.9527	0.4992	0.5008	
betaD3[8]	-0.0034	-0.0064	1.0020	-1.9668	1.9520	0.4979	0.5021	
betaD3[9]	-0.5665	-0.5393	0.3452	-1.3146	0.0470	0.0369	0.9631	*
betaD3[10]	-0.1769	-0.1656	0.4119	-0.9925	0.6081	0.3445	0.6555	
betaD3[11]	-0.1278	-0.1255	0.7358	-1.5870	1.3274	0.4296	0.5704	
betaD3[12]	0.4512	0.4264	0.6626	-0.7867	1.8205	0.7464	0.2536	*
betaD3[13]	0.7043	0.6844	0.7025	-0.6159	2.1549	0.8446	0.1554	*
betaD3[14]	0.2724	0.2618	0.9058	-1.4707	2.0683	0.6131	0.3869	
betaD3[15]	0.8614	0.8451	0.7408	-0.5554	2.3425	0.8801	0.1199	*
betaD3[16]	-0.5602	-0.5649	0.6787	-1.8816	0.7826	0.2014	0.7986	*
betaD3[17]	-0.4484	-0.4496	0.9491	-2.3054	1.4200	0.3178	0.6822	
betaD3[18]	-0.1685	-0.1661	0.7055	-1.5465	1.2123	0.4048	0.5952	
betaD3[19]	-0.1779	-0.1801	0.5949	-1.3429	0.9968	0.3813	0.6187	
betaD3[20]	0.3012	0.3016	0.9776	-1.6141	2.2235	0.6214	0.3786	
betaD3[21]	0.0157	0.0140	0.6317	-1.2252	1.2593	0.5090	0.4910	
betaD3[22]	-0.0997	-0.0995	0.5822	-1.2382	1.0361	0.4333	0.5667	
betaD3[23]	-0.4623	-0.4514	0.9438	-2.3241	1.3870	0.3151	0.6849	
betaD3[24]	0.1484	0.1562	0.6357	-1.1113	1.3793	0.5953	0.4047	
betaD3[25]	-0.2650	-0.2618	0.6350	-1.5225	0.9610	0.3376	0.6624	
betaD3[26]	-0.4854	-0.4862	0.9293	-2.2929	1.3300	0.3003	0.6997	
betaD3[27]	0.1951	0.1971	0.7484	-1.2835	1.6527	0.6060	0.3940	
betaD3[28]	0.3640	0.3602	0.7154	-1.0356	1.7693	0.6945	0.3055	
betaD3[29]	0.3947	0.3936	0.9639	-1.4793	2.2868	0.6571	0.3429	
betaD3[30]	0.3576	0.3543	0.7098	-1.0177	1.7704	0.6898	0.3102	
betaD3[31]	0.6665	0.6514	0.7144	-0.7134	2.1073	0.8261	0.1739	*
betaD3[32]	0.2322	0.2312	0.9782	-1.6967	2.1416	0.5928	0.4072	
alphaD[1]	1.3198	1.3130	0.8689	-0.3693	3.0429	0.9384	0.0616	*

alphaD[2]	0.4196	0.4033	0.9171	-1.3555	2.2422	0.6744	0.3256	
alphaD[3]	0.5416	0.5337	0.8978	-1.2074	2.3204	0.7247	0.2753	*
alphaD[4]	0.5427	0.5333	0.8946	-1.1757	2.3037	0.7246	0.2754	*
alphaD[5]	0.2974	0.2935	0.9669	-1.5909	2.1946	0.6204	0.3796	
alphaD[6]	0.5193	0.5093	0.9026	-1.2349	2.3216	0.7163	0.2837	*

Inflammatory Responses

Parameter	Post.Mean	Post.Median	Post.SD	Lower95	Upper95	P.great.0	P.less.0	Evidence
betaI1[1]	-0.0145	0.0012	2.2314	-4.4106	4.3454	0.5002	0.4998	
betaI1[2]	0.0024	-0.0098	2.2508	-4.4230	4.4535	0.4982	0.5018	
betaI1[3]	0.0041	0.0033	2.2202	-4.3491	4.3291	0.5008	0.4992	
betaI1[4]	-0.0005	0.0116	2.2219	-4.3657	4.3369	0.5023	0.4977	
betaI1[5]	-0.0134	-0.0246	2.2544	-4.4317	4.4231	0.4957	0.5043	
betaI1[6]	-0.0185	-0.0058	2.2272	-4.3911	4.3390	0.4990	0.5010	
betaI1[7]	0.0010	-0.0111	2.2337	-4.3844	4.3374	0.4975	0.5025	
betaI1[8]	0.0133	0.0316	2.2365	-4.3536	4.3833	0.5062	0.4938	
betaI1[9]	-0.0349	-0.0348	0.0202	-0.0740	0.0050	0.0423	0.9577	*
betaI1[10]	-0.0347	-0.0344	0.0259	-0.0863	0.0156	0.0860	0.9140	*
betaI1[11]	0.0223	0.0204	0.6417	-1.2438	1.2831	0.5124	0.4876	
betaI1[12]	0.1183	0.1180	0.1044	-0.0851	0.3240	0.8710	0.1290	*
betaI1[13]	0.0861	0.0854	0.1253	-0.1593	0.3315	0.7512	0.2488	*
betaI1[14]	-0.0881	-0.0789	1.2003	-2.4826	2.3032	0.4719	0.5281	
betaI1[15]	0.0941	0.0947	0.0802	-0.0641	0.2526	0.8797	0.1203	*
betaI1[16]	-0.1303	-0.1325	0.1293	-0.3798	0.1287	0.1580	0.8420	*
betaI1[17]	0.6308	0.6285	1.6252	-2.5344	3.8971	0.6504	0.3496	
betaI1[18]	0.2926	0.2924	0.0959	0.1059	0.4817	0.9990	0.0010	*
betaI1[19]	0.0086	0.0088	0.0944	-0.1764	0.1948	0.5384	0.4616	
betaI1[20]	0.6673	0.6821	1.7065	-2.7276	4.0047	0.6571	0.3429	
betaI1[21]	-0.2343	-0.2340	0.0670	-0.3656	-0.1033	0.0004	0.9996	*
betaI1[22]	-0.1427	-0.1430	0.0777	-0.2942	0.0106	0.0329	0.9671	*
betaI1[23]	-0.2484	-0.2567	1.7668	-3.7921	3.2055	0.4407	0.5593	
betaI1[24]	0.0356	0.0354	0.0524	-0.0677	0.1390	0.7544	0.2456	*
betaI1[25]	0.1905	0.1908	0.1204	-0.0475	0.4287	0.9419	0.0581	*
betaI1[26]	-0.4029	-0.4260	1.5751	-3.4618	2.7207	0.3972	0.6028	
betaI1[27]	-0.1182	-0.1182	0.1151	-0.3454	0.1075	0.1522	0.8478	*
betaI1[28]	0.2988	0.2976	0.1441	0.0195	0.5841	0.9820	0.0180	*
betaI1[29]	-0.2472	-0.2705	1.7666	-3.7184	3.2007	0.4398	0.5602	
betaI1[30]	-0.1557	-0.1556	0.0789	-0.3094	0.0001	0.0251	0.9749	*
betaI1[31]	-0.2218	-0.2213	0.1008	-0.4210	-0.0266	0.0133	0.9867	*
betaI1[32]	-0.6916	-0.7184	1.7973	-4.2171	2.9215	0.3450	0.6550	
betaI2[1]	-0.0034	-0.0056	2.2300	-4.3254	4.3736	0.4987	0.5013	
betaI2[2]	0.0239	0.0041	2.2483	-4.3802	4.4467	0.5008	0.4992	
betaI2[3]	-0.0068	-0.0010	2.2312	-4.4152	4.3403	0.4998	0.5002	
betaI2[4]	0.0139	0.0130	2.2289	-4.3436	4.3667	0.5025	0.4975	
betaI2[5]	0.0067	0.0141	2.2437	-4.4077	4.3908	0.5022	0.4978	
betaI2[6]	-0.0108	-0.0117	2.2490	-4.4480	4.3744	0.4979	0.5021	
betaI2[7]	-0.0002	0.0077	2.2328	-4.3643	4.3850	0.5012	0.4988	
betaI2[8]	0.0033	0.0077	2.2440	-4.3806	4.4423	0.5012	0.4988	
betaI2[9]	0.0172	0.0173	0.0293	-0.0410	0.0742	0.7254	0.2746	*
betaI2[10]	-0.0515	-0.0515	0.0437	-0.1382	0.0347	0.1190	0.8810	*
betaI2[11]	-0.1504	-0.1061	0.6062	-1.4670	0.9481	0.4275	0.5725	
betaI2[12]	0.1347	0.1355	0.1448	-0.1434	0.4282	0.8180	0.1820	*
betaI2[13]	0.1793	0.1764	0.1959	-0.1962	0.5607	0.8170	0.1830	*
betaI2[14]	0.0636	0.0533	1.1119	-2.1475	2.3044	0.5218	0.4782	
betaI2[15]	-0.0924	-0.0948	0.1402	-0.3591	0.1910	0.2522	0.7478	*

betaI2[16]	0.7146	0.7194	0.2050	0.3051	1.0985	0.9997	0.0003	*
betaI2[17]	0.2823	0.3025	1.6267	-2.9579	3.4819	0.5759	0.4241	
betaI2[18]	0.1718	0.1749	0.1814	-0.1892	0.5107	0.8243	0.1757	*
betaI2[19]	-0.1944	-0.1996	0.1553	-0.4867	0.1227	0.1068	0.8932	*
betaI2[20]	0.0332	0.0329	1.6472	-3.1889	3.3119	0.5083	0.4917	
betaI2[21]	-0.0288	-0.0304	0.1190	-0.2570	0.2078	0.3996	0.6004	
betaI2[22]	0.2329	0.2332	0.1231	-0.0091	0.4722	0.9705	0.0295	*
betaI2[23]	0.1027	0.1021	1.7494	-3.4420	3.5822	0.5252	0.4748	
betaI2[24]	0.0090	0.0099	0.0846	-0.1593	0.1730	0.5453	0.4547	
betaI2[25]	-0.1844	-0.1806	0.1877	-0.5533	0.1727	0.1619	0.8381	*
betaI2[26]	0.3549	0.3453	1.5257	-2.5731	3.3984	0.5952	0.4048	
betaI2[27]	0.0400	0.0361	0.1990	-0.3360	0.4430	0.5726	0.4274	
betaI2[28]	0.6144	0.6179	0.2280	0.1636	1.0525	0.9962	0.0038	*
betaI2[29]	-0.2074	-0.2084	1.8519	-3.8271	3.4366	0.4531	0.5469	
betaI2[30]	-0.0667	-0.0653	0.1325	-0.3286	0.1909	0.3092	0.6908	
betaI2[31]	-0.0306	-0.0306	0.1601	-0.3456	0.2813	0.4239	0.5761	
betaI2[32]	-0.2107	-0.2099	1.6770	-3.4886	3.0883	0.4485	0.5515	
betaI3[1]	-0.0247	-0.0289	2.2342	-4.3992	4.3295	0.4951	0.5049	
betaI3[2]	0.0054	-0.0101	2.2399	-4.3521	4.4493	0.4980	0.5020	
betaI3[3]	-0.0296	-0.0130	2.2280	-4.4456	4.3149	0.4974	0.5026	
betaI3[4]	0.0043	0.0006	2.2387	-4.4311	4.3955	0.5002	0.4998	
betaI3[5]	0.0074	0.0077	2.2434	-4.3748	4.3942	0.5014	0.4986	
betaI3[6]	0.0120	0.0068	2.2426	-4.3522	4.3949	0.5012	0.4988	
betaI3[7]	-0.0083	-0.0130	2.2292	-4.4200	4.3786	0.4975	0.5025	
betaI3[8]	0.0108	0.0163	2.2394	-4.3765	4.4067	0.5029	0.4971	
betaI3[9]	0.0320	0.0316	0.0370	-0.0409	0.1064	0.8087	0.1913	*
betaI3[10]	0.0083	0.0088	0.0490	-0.0900	0.1037	0.5712	0.4288	
betaI3[11]	0.0002	0.0196	0.6565	-1.3728	1.2670	0.5134	0.4866	
betaI3[12]	0.2490	0.2464	0.1802	-0.1032	0.6050	0.9198	0.0802	*
betaI3[13]	0.1350	0.1345	0.2221	-0.2985	0.5761	0.7290	0.2710	*
betaI3[14]	-0.1056	-0.1091	1.2085	-2.5288	2.3191	0.4619	0.5381	
betaI3[15]	-0.0525	-0.0522	0.1694	-0.3834	0.2761	0.3788	0.6212	
betaI3[16]	0.3220	0.3247	0.2358	-0.1470	0.7803	0.9129	0.0871	*
betaI3[17]	0.1269	0.1404	1.6279	-3.1569	3.3137	0.5367	0.4633	
betaI3[18]	-0.2165	-0.2178	0.2076	-0.6176	0.1880	0.1532	0.8468	*
betaI3[19]	-0.2409	-0.2423	0.1779	-0.5830	0.1112	0.0913	0.9087	*
betaI3[20]	-0.6168	-0.6368	1.7734	-4.0579	2.8805	0.3600	0.6400	
betaI3[21]	0.2649	0.2648	0.1414	-0.0116	0.5418	0.9700	0.0300	*
betaI3[22]	0.2198	0.2209	0.1463	-0.0666	0.5051	0.9335	0.0665	*
betaI3[23]	0.5579	0.5523	1.8104	-2.9953	4.1752	0.6183	0.3817	
betaI3[24]	-0.0720	-0.0726	0.1032	-0.2758	0.1311	0.2423	0.7577	*
betaI3[25]	-0.0619	-0.0591	0.2194	-0.4876	0.3744	0.3940	0.6060	
betaI3[26]	0.7359	0.7245	1.5893	-2.3862	3.8568	0.6817	0.3183	
betaI3[27]	0.4286	0.4262	0.2413	-0.0326	0.9092	0.9652	0.0348	*
betaI3[28]	0.3433	0.3445	0.2599	-0.1654	0.8550	0.9052	0.0948	*
betaI3[29]	-0.3541	-0.3532	1.7981	-3.8975	3.1767	0.4206	0.5794	
betaI3[30]	-0.1961	-0.1942	0.1599	-0.5124	0.1151	0.1081	0.8919	*
betaI3[31]	-0.0679	-0.0672	0.1853	-0.4331	0.2927	0.3586	0.6414	
betaI3[32]	0.1016	0.1065	1.7882	-3.4439	3.6275	0.5232	0.4768	
alphaI1[1]	-1.6422	-1.6478	0.3367	-2.2893	-0.9950	0.0000	1.0000	*

alphaI1[2]	-0.4477	-0.4472	0.2587	-0.9493	0.0653	0.0428	0.9572	*
alphaI1[3]	-0.3690	-0.3697	0.2323	-0.8235	0.0887	0.0577	0.9423	*
alphaI1[4]	-0.0716	-0.0724	0.1350	-0.3343	0.1945	0.2961	0.7039	*
alphaI1[5]	-0.6634	-0.6630	0.3547	-1.3610	0.0316	0.0300	0.9700	*
alphaI1[6]	0.0900	0.0893	0.1240	-0.1510	0.3334	0.7655	0.2345	*
alphaI2[1]	0.0509	0.0251	0.4609	-0.8006	0.9846	0.5241	0.4759	
alphaI2[2]	0.0550	0.0577	0.3553	-0.6467	0.7582	0.5646	0.4354	
alphaI2[3]	0.0738	0.0794	0.3190	-0.5570	0.6971	0.5978	0.4022	
alphaI2[4]	-0.4915	-0.4919	0.2005	-0.8878	-0.0971	0.0071	0.9929	*
alphaI2[5]	-0.1860	-0.1871	0.4633	-1.0893	0.7244	0.3439	0.6561	
alphaI2[6]	-0.0592	-0.0610	0.1839	-0.4147	0.3043	0.3692	0.6308	
alphaI3[1]	-0.3768	-0.3815	0.5164	-1.3665	0.6743	0.2269	0.7731	*
alphaI3[2]	-0.2465	-0.2393	0.4252	-1.0910	0.5730	0.2852	0.7148	*
alphaI3[3]	-0.2322	-0.2261	0.3726	-0.9683	0.4832	0.2712	0.7288	*
alphaI3[4]	-0.2790	-0.2794	0.2449	-0.7585	0.2034	0.1269	0.8731	*
alphaI3[5]	0.0376	0.0346	0.5407	-1.0257	1.0983	0.5258	0.4742	
alphaI3[6]	-0.4499	-0.4500	0.2268	-0.8945	-0.0028	0.0244	0.9756	*

Regulatory Responses

Parameter	Post.Mean	Post.Median	Post.SD	Lower95	Upper95	P.great.0	P.less.0	Evidence
betaR1[1]	-0.0051	-0.0008	2.2350	-4.3531	4.4049	0.4999	0.5001	
betaR1[2]	0.0182	0.0107	2.2500	-4.3708	4.4183	0.5018	0.4982	
betaR1[3]	0.0125	0.0110	2.2466	-4.3808	4.4400	0.5016	0.4984	
betaR1[4]	-0.0003	-0.0033	2.2300	-4.3492	4.3809	0.4991	0.5009	
betaR1[5]	0.0210	0.0242	2.2341	-4.3747	4.3977	0.5034	0.4966	
betaR1[6]	0.0053	-0.0087	2.2270	-4.3103	4.3580	0.4986	0.5014	
betaR1[7]	0.0270	0.0206	2.2320	-4.3880	4.4263	0.5041	0.4959	
betaR1[8]	0.0096	0.0075	2.2265	-4.3544	4.3447	0.5020	0.4980	
betaR1[9]	0.1236	0.1222	0.0293	0.0695	0.1838	1.0000	0.0000	*
betaR1[10]	0.0230	0.0227	0.0338	-0.0430	0.0906	0.7546	0.2454	*
betaR1[11]	0.3454	0.3383	0.6167	-0.8737	1.6008	0.7193	0.2807	*
betaR1[12]	-0.2697	-0.2707	0.1378	-0.5415	0.0033	0.0265	0.9735	*
betaR1[13]	0.0102	0.0117	0.1657	-0.3155	0.3408	0.5275	0.4725	
betaR1[14]	-0.6801	-0.7041	1.1387	-2.8449	1.6721	0.2584	0.7416	*
betaR1[15]	-0.0516	-0.0507	0.1253	-0.2991	0.1909	0.3431	0.6569	
betaR1[16]	-0.1394	-0.1414	0.1735	-0.4754	0.2100	0.2087	0.7913	*
betaR1[17]	-0.0092	-0.0249	1.5984	-3.1205	3.1687	0.4930	0.5070	
betaR1[18]	0.1377	0.1390	0.1539	-0.1684	0.4371	0.8142	0.1858	*
betaR1[19]	0.1319	0.1322	0.1264	-0.1187	0.3778	0.8529	0.1471	*
betaR1[20]	0.0388	0.0590	1.7300	-3.4093	3.3893	0.5126	0.4874	
betaR1[21]	-0.1088	-0.1088	0.1045	-0.3163	0.0965	0.1485	0.8515	*
betaR1[22]	-0.0383	-0.0378	0.1044	-0.2433	0.1667	0.3584	0.6416	
betaR1[23]	0.0396	-0.0031	1.7670	-3.3636	3.5832	0.4993	0.5007	
betaR1[24]	0.3322	0.3325	0.0785	0.1773	0.4846	1.0000	0.0000	*
betaR1[25]	0.5309	0.5320	0.1599	0.2105	0.8445	0.9997	0.0003	*
betaR1[26]	0.5178	0.5259	1.4805	-2.3446	3.4223	0.6388	0.3612	
betaR1[27]	-0.4129	-0.4164	0.1844	-0.7609	-0.0368	0.0170	0.9830	*
betaR1[28]	-0.3080	-0.3111	0.1933	-0.6824	0.0780	0.0577	0.9423	*
betaR1[29]	0.1508	0.1423	1.8360	-3.4273	3.7297	0.5315	0.4685	
betaR1[30]	-0.1157	-0.1146	0.1209	-0.3554	0.1184	0.1697	0.8303	*
betaR1[31]	-0.1071	-0.1068	0.1348	-0.3746	0.1558	0.2142	0.7858	*
betaR1[32]	0.2423	0.2419	1.7943	-3.3349	3.7253	0.5550	0.4450	
betaR2[1]	-0.0034	0.0219	2.2347	-4.3915	4.3566	0.5042	0.4958	
betaR2[2]	-0.0039	0.0088	2.2211	-4.3633	4.3354	0.5020	0.4980	
betaR2[3]	-0.0060	0.0017	2.2222	-4.3481	4.3615	0.5004	0.4996	
betaR2[4]	-0.0115	-0.0067	2.2315	-4.4165	4.3284	0.4989	0.5011	
betaR2[5]	-0.0152	-0.0107	2.2380	-4.4199	4.3352	0.4982	0.5018	
betaR2[6]	0.0013	-0.0147	2.2451	-4.4126	4.4061	0.4972	0.5028	
betaR2[7]	0.0036	0.0087	2.2363	-4.3942	4.3553	0.5014	0.4986	
betaR2[8]	0.0099	0.0146	2.2357	-4.3967	4.3935	0.5027	0.4973	
betaR2[9]	0.0082	0.0084	0.0167	-0.0251	0.0404	0.6903	0.3097	
betaR2[10]	0.0141	0.0148	0.0255	-0.0379	0.0621	0.7188	0.2812	*
betaR2[11]	-0.1764	-0.1770	0.5962	-1.4649	0.9988	0.3760	0.6240	
betaR2[12]	0.2558	0.2558	0.0935	0.0731	0.4456	0.9981	0.0019	*
betaR2[13]	0.2302	0.2277	0.1246	-0.0114	0.4845	0.9689	0.0311	*
betaR2[14]	0.4902	0.4992	1.0273	-1.5985	2.5362	0.7010	0.2990	*
betaR2[15]	-0.0581	-0.0589	0.0706	-0.1944	0.0810	0.2081	0.7919	*

betaR2[16]	0.5898	0.5906	0.1190	0.3526	0.8193	1.0000	0.0000	*
betaR2[17]	0.0868	0.0755	1.5080	-2.8875	3.1280	0.5184	0.4816	
betaR2[18]	-0.0781	-0.0779	0.0837	-0.2425	0.0848	0.1753	0.8247	*
betaR2[19]	-0.0071	-0.0072	0.0803	-0.1636	0.1493	0.4651	0.5349	
betaR2[20]	-0.3238	-0.3394	1.5853	-3.4573	2.7105	0.4119	0.5881	
betaR2[21]	0.0947	0.0944	0.0590	-0.0205	0.2108	0.9453	0.0547	*
betaR2[22]	0.0726	0.0730	0.0676	-0.0594	0.2029	0.8571	0.1429	*
betaR2[23]	0.2123	0.2236	1.5981	-2.9378	3.3271	0.5569	0.4431	
betaR2[24]	-0.0261	-0.0259	0.0457	-0.1161	0.0623	0.2846	0.7154	*
betaR2[25]	-0.4816	-0.4822	0.1116	-0.6995	-0.2612	0.0000	1.0000	*
betaR2[26]	0.1353	0.1805	1.2886	-2.6086	2.5936	0.5591	0.4409	
betaR2[27]	0.3164	0.3160	0.1002	0.1196	0.5145	0.9991	0.0009	*
betaR2[28]	0.1765	0.1775	0.1225	-0.0690	0.4150	0.9239	0.0761	*
betaR2[29]	-0.2393	-0.2995	1.8342	-3.8119	3.5770	0.4330	0.5670	
betaR2[30]	-0.0549	-0.0552	0.0687	-0.1888	0.0798	0.2125	0.7875	*
betaR2[31]	-0.1412	-0.1417	0.0855	-0.3089	0.0280	0.0510	0.9490	*
betaR2[32]	-0.0431	-0.0517	1.6776	-3.3741	3.1904	0.4872	0.5128	
betaR3[1]	0.0109	0.0026	2.2303	-4.3415	4.3943	0.5004	0.4996	
betaR3[2]	-0.0258	-0.0356	2.2258	-4.3882	4.3595	0.4943	0.5057	
betaR3[3]	0.0219	0.0225	2.2234	-4.3247	4.3503	0.5039	0.4961	
betaR3[4]	-0.0263	-0.0185	2.2342	-4.4669	4.3144	0.4967	0.5033	
betaR3[5]	0.0179	0.0244	2.2305	-4.3425	4.3593	0.5049	0.4951	
betaR3[6]	0.0269	0.0332	2.2361	-4.3735	4.3833	0.5055	0.4945	
betaR3[7]	-0.0170	-0.0086	2.2399	-4.4086	4.3593	0.4984	0.5016	
betaR3[8]	-0.0252	-0.0113	2.2408	-4.4180	4.3237	0.4976	0.5024	
betaR3[9]	-0.0330	-0.0322	0.0217	-0.0778	0.0070	0.0567	0.9433	*
betaR3[10]	-0.0174	-0.0169	0.0308	-0.0800	0.0426	0.2840	0.7160	*
betaR3[11]	-0.0697	-0.0705	0.6057	-1.2738	1.0932	0.4532	0.5468	
betaR3[12]	0.5227	0.5234	0.1118	0.3009	0.7376	1.0000	0.0000	*
betaR3[13]	0.6065	0.6072	0.1485	0.3164	0.8967	0.9999	0.0001	*
betaR3[14]	0.4856	0.5102	1.0980	-1.8685	2.6543	0.6947	0.3053	
betaR3[15]	0.2378	0.2377	0.0889	0.0669	0.4170	0.9968	0.0032	*
betaR3[16]	0.6422	0.6422	0.1431	0.3598	0.9218	1.0000	0.0000	*
betaR3[17]	-0.1105	-0.1193	1.6078	-3.2558	3.0570	0.4702	0.5298	
betaR3[18]	0.2168	0.2164	0.1040	0.0107	0.4188	0.9804	0.0196	*
betaR3[19]	0.1334	0.1330	0.1007	-0.0628	0.3329	0.9075	0.0925	*
betaR3[20]	-0.1875	-0.2329	1.7333	-3.4266	3.3875	0.4440	0.5560	
betaR3[21]	-0.0198	-0.0196	0.0732	-0.1630	0.1246	0.3918	0.6082	
betaR3[22]	-0.0605	-0.0611	0.0826	-0.2217	0.1033	0.2324	0.7676	*
betaR3[23]	0.2134	0.2564	1.7724	-3.3078	3.6647	0.5603	0.4397	
betaR3[24]	-0.1225	-0.1226	0.0562	-0.2324	-0.0119	0.0148	0.9852	*
betaR3[25]	-0.3638	-0.3619	0.1311	-0.6269	-0.1113	0.0025	0.9975	*
betaR3[26]	0.4479	0.3881	1.5308	-2.3767	3.6884	0.6031	0.3969	
betaR3[27]	-0.3355	-0.3350	0.1237	-0.5765	-0.0934	0.0036	0.9964	*
betaR3[28]	-0.4395	-0.4400	0.1516	-0.7362	-0.1384	0.0021	0.9979	*
betaR3[29]	-0.0033	-0.0028	1.8044	-3.5804	3.4971	0.4993	0.5007	
betaR3[30]	0.1942	0.1936	0.0863	0.0271	0.3644	0.9889	0.0111	*
betaR3[31]	0.1149	0.1150	0.1056	-0.0938	0.3225	0.8617	0.1383	*
betaR3[32]	0.2568	0.2634	1.7954	-3.2567	3.7712	0.5580	0.4420	
alphaR1[1]	-0.9302	-0.9254	0.4333	-1.7888	-0.0733	0.0170	0.9830	*

alphaR1[2]	-0.2332	-0.2308	0.3198	-0.8681	0.3926	0.2328	0.7672	*
alphaR1[3]	-0.1566	-0.1581	0.2859	-0.7216	0.4036	0.2906	0.7094	*
alphaR1[4]	0.2367	0.2370	0.1860	-0.1294	0.6036	0.8997	0.1003	*
alphaR1[5]	-0.5238	-0.5232	0.4596	-1.4074	0.3852	0.1271	0.8729	*
alphaR1[6]	0.1140	0.1147	0.1732	-0.2274	0.4565	0.7467	0.2533	*
alphaR2[1]	0.8712	0.8657	0.3254	0.2375	1.5454	0.9963	0.0037	*
alphaR2[2]	0.2076	0.2072	0.2247	-0.2315	0.6507	0.8216	0.1784	*
alphaR2[3]	0.2061	0.2075	0.2030	-0.1948	0.6033	0.8463	0.1537	*
alphaR2[4]	0.0809	0.0794	0.1199	-0.1520	0.3202	0.7501	0.2499	*
alphaR2[5]	-0.2709	-0.2664	0.3147	-0.8989	0.3427	0.1917	0.8083	*
alphaR2[6]	0.1087	0.1078	0.1086	-0.1020	0.3218	0.8407	0.1593	*
alphaR3[1]	1.5047	1.5116	0.3776	0.7475	2.2335	1.0000	0.0000	*
alphaR3[2]	-0.1624	-0.1591	0.2753	-0.7081	0.3707	0.2813	0.7187	*
alphaR3[3]	-0.0411	-0.0388	0.2495	-0.5375	0.4345	0.4386	0.5614	
alphaR3[4]	-0.0360	-0.0379	0.1493	-0.3252	0.2606	0.4004	0.5996	
alphaR3[5]	-1.2592	-1.2621	0.3891	-2.0150	-0.4921	0.0006	0.9994	*
alphaR3[6]	-0.2580	-0.2587	0.1344	-0.5214	0.0069	0.0282	0.9718	*

Standard Deviations and Covariance Matrix

Parameter	Post.Mean	Post.Median	Post.SD	Lower95	Upper95	P.great.0	P.less.0	Evidence
sigmaP	1.1333	1.1170	0.4725	0.2832	2.0756	1.0000	0.0000	*
sigmaA	0.2697	0.2764	0.0849	0.0849	0.4248	1.0000	0.0000	*
SigmaIR[1, 1]	0.7873	0.7845	0.0800	0.6375	0.9484	1.0000	0.0000	*
SigmaIR[2, 1]	0.1317	0.1306	0.0875	-0.0386	0.3044	0.9361	0.0639	*
SigmaIR[3, 1]	-0.0637	-0.0617	0.1065	-0.2747	0.1446	0.2756	0.7244	*
SigmaIR[4, 1]	0.4813	0.4787	0.0821	0.3268	0.6522	1.0000	0.0000	*
SigmaIR[5, 1]	0.0548	0.0547	0.0499	-0.0426	0.1519	0.8663	0.1337	*
SigmaIR[6, 1]	-0.0608	-0.0605	0.0614	-0.1828	0.0572	0.1643	0.8357	*
SigmaIR[1, 2]	0.1317	0.1306	0.0875	-0.0386	0.3044	0.9361	0.0639	*
SigmaIR[2, 2]	1.9594	1.9465	0.1826	1.6308	2.3417	1.0000	0.0000	*
SigmaIR[3, 2]	1.7204	1.7103	0.1873	1.3811	2.1071	1.0000	0.0000	*
SigmaIR[4, 2]	0.4603	0.4564	0.1205	0.2343	0.7125	1.0000	0.0000	*
SigmaIR[5, 2]	0.5359	0.5321	0.0814	0.3876	0.7021	1.0000	0.0000	*
SigmaIR[6, 2]	0.1039	0.1040	0.0921	-0.0768	0.2851	0.8728	0.1272	*
SigmaIR[1, 3]	-0.0637	-0.0617	0.1065	-0.2747	0.1446	0.2756	0.7244	*
SigmaIR[2, 3]	1.7204	1.7103	0.1873	1.3811	2.1071	1.0000	0.0000	*
SigmaIR[3, 3]	3.0751	3.0596	0.2766	2.5745	3.6555	1.0000	0.0000	*
SigmaIR[4, 3]	0.3804	0.3765	0.1450	0.1067	0.6800	0.9967	0.0033	*
SigmaIR[5, 3]	0.3293	0.3279	0.0941	0.1505	0.5198	1.0000	0.0000	*
SigmaIR[6, 3]	0.1361	0.1360	0.1115	-0.0810	0.3568	0.8872	0.1128	*
SigmaIR[1, 4]	0.4813	0.4787	0.0821	0.3268	0.6522	1.0000	0.0000	*
SigmaIR[2, 4]	0.4603	0.4564	0.1205	0.2343	0.7125	1.0000	0.0000	*
SigmaIR[3, 4]	0.3804	0.3765	0.1450	0.1067	0.6800	0.9967	0.0033	*
SigmaIR[4, 4]	1.5077	1.5008	0.1457	1.2442	1.8094	1.0000	0.0000	*
SigmaIR[5, 4]	-0.0005	-0.0003	0.0655	-0.1288	0.1279	0.4981	0.5019	
SigmaIR[6, 4]	-0.1126	-0.1118	0.0818	-0.2761	0.0467	0.0808	0.9192	*
SigmaIR[1, 5]	0.0548	0.0547	0.0499	-0.0426	0.1519	0.8663	0.1337	*
SigmaIR[2, 5]	0.5359	0.5321	0.0814	0.3876	0.7021	1.0000	0.0000	*
SigmaIR[3, 5]	0.3293	0.3279	0.0941	0.1505	0.5198	1.0000	0.0000	*
SigmaIR[4, 5]	-0.0005	-0.0003	0.0655	-0.1288	0.1279	0.4981	0.5019	
SigmaIR[5, 5]	0.5934	0.5909	0.0583	0.4858	0.7122	1.0000	0.0000	*
SigmaIR[6, 5]	0.3927	0.3908	0.0585	0.2836	0.5110	1.0000	0.0000	*
SigmaIR[1, 6]	-0.0608	-0.0605	0.0614	-0.1828	0.0572	0.1643	0.8357	*
SigmaIR[2, 6]	0.1039	0.1040	0.0921	-0.0768	0.2851	0.8728	0.1272	*
SigmaIR[3, 6]	0.1361	0.1360	0.1115	-0.0810	0.3568	0.8872	0.1128	*
SigmaIR[4, 6]	-0.1126	-0.1118	0.0818	-0.2761	0.0467	0.0808	0.9192	*
SigmaIR[5, 6]	0.3927	0.3908	0.0585	0.2836	0.5110	1.0000	0.0000	*
SigmaIR[6, 6]	0.9332	0.9298	0.0925	0.7567	1.1210	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	1.3856	1.3220	0.3762	0.8183	2.2688	1.0000	0.0000	*
wP[1, 1]	-0.1998	-0.1918	1.3224	-2.8847	2.4482	0.4336	0.5664	
wP[2, 1]	0.0036	0.0342	1.3105	-2.6923	2.5762	0.5118	0.4882	
wP[3, 1]	-0.3992	-0.3470	1.2864	-3.1127	2.1182	0.3746	0.6254	
wP[4, 1]	-0.3953	-0.3794	1.3117	-3.0713	2.2404	0.3690	0.6310	
wP[5, 1]	0.2974	0.2996	1.1357	-2.0810	2.6228	0.6298	0.3702	
wP[6, 1]	-0.5664	-0.5617	1.3571	-3.3031	2.1533	0.3231	0.6769	
wP[7, 1]	0.0155	0.0339	1.3174	-2.6986	2.6340	0.5116	0.4884	
wP[8, 1]	0.0836	0.0978	1.3615	-2.6726	2.7746	0.5313	0.4687	
wP[9, 1]	-0.3557	-0.3309	1.3369	-3.1227	2.3147	0.3883	0.6117	
wP[10, 1]	-0.3062	-0.3050	1.3692	-3.0595	2.4604	0.4004	0.5996	
wP[11, 1]	0.5529	0.5607	1.1306	-1.8024	2.8626	0.7255	0.2745	*
wP[12, 1]	-0.9448	-0.9147	1.2548	-3.5585	1.5585	0.1966	0.8034	*
wP[13, 1]	-0.1040	-0.0952	1.3574	-2.8426	2.5725	0.4691	0.5309	
wP[14, 1]	0.3337	0.3391	1.3464	-2.3990	3.0247	0.6101	0.3899	
wP[15, 1]	0.0290	0.0443	1.3656	-2.7432	2.7089	0.5150	0.4850	
wP[16, 1]	0.0547	0.0633	1.3471	-2.6772	2.7646	0.5212	0.4788	
wP[17, 1]	-0.0524	-0.0400	1.2793	-2.6810	2.5102	0.4851	0.5149	
wP[18, 1]	0.9168	0.9215	1.1714	-1.5228	3.2874	0.8181	0.1819	*
wP[19, 1]	-0.2179	-0.2216	1.3889	-3.0112	2.5741	0.4282	0.5718	
wP[20, 1]	0.1194	0.1277	1.3510	-2.6184	2.8235	0.5426	0.4574	
wP[21, 1]	-0.0194	-0.0195	1.3689	-2.7844	2.7314	0.4933	0.5067	
wP[22, 1]	-0.2563	-0.2425	1.3866	-3.0643	2.4722	0.4245	0.5755	
wP[23, 1]	-0.2597	-0.2521	1.3707	-3.0290	2.5116	0.4173	0.5827	
wP[24, 1]	-0.2199	-0.2085	1.3774	-3.0213	2.5362	0.4312	0.5688	
wP[25, 1]	-0.0051	-0.0080	1.4344	-2.9099	2.8776	0.4976	0.5024	
wP[26, 1]	-0.0181	0.0104	1.3823	-2.8321	2.7253	0.5035	0.4965	
wP[27, 1]	-0.3812	-0.3687	1.3781	-3.1631	2.3477	0.3841	0.6159	
wP[28, 1]	-0.0208	0.0040	1.3445	-2.7768	2.6797	0.5012	0.4988	
wP[29, 1]	-0.2431	-0.2263	1.2711	-2.8400	2.3038	0.4184	0.5816	
wP[30, 1]	-0.7389	-0.7161	1.2543	-3.3465	1.7769	0.2492	0.7508	*
wP[31, 1]	-0.1656	-0.1433	1.3054	-2.8571	2.4715	0.4495	0.5505	
wP[32, 1]	-0.3956	-0.3749	1.3098	-3.0908	2.1874	0.3695	0.6305	
wP[33, 1]	-0.0268	-0.0086	1.3422	-2.7991	2.6349	0.4976	0.5024	
wP[34, 1]	-0.6045	-0.5902	1.3003	-3.2533	2.0003	0.3016	0.6984	
wP[35, 1]	-0.1924	-0.1715	1.3675	-2.9870	2.4923	0.4450	0.5550	
wP[36, 1]	1.5081	1.5182	1.1977	-0.9448	3.9687	0.9130	0.0870	*
wP[37, 1]	0.5024	0.5110	1.3915	-2.3277	3.2777	0.6596	0.3404	
wP[38, 1]	-0.2524	-0.2362	1.3606	-3.0416	2.4520	0.4222	0.5778	
wP[39, 1]	-0.1226	-0.1016	1.3586	-2.8840	2.5965	0.4656	0.5344	
wP[40, 1]	0.0672	0.0781	1.3592	-2.7001	2.7795	0.5252	0.4748	
wP[41, 1]	-0.2018	-0.1951	1.3653	-2.9905	2.5260	0.4371	0.5629	
wP[42, 1]	0.0815	0.0779	1.3613	-2.6598	2.8350	0.5271	0.4729	
wP[43, 1]	0.0868	0.0981	1.3628	-2.6705	2.7731	0.5311	0.4689	
wP[44, 1]	-0.4572	-0.4329	1.3581	-3.1936	2.2306	0.3623	0.6377	
wP[45, 1]	-0.0705	-0.0575	1.3230	-2.7448	2.5956	0.4804	0.5196	
wP[46, 1]	-0.1260	-0.1048	1.3342	-2.8705	2.5172	0.4641	0.5359	

wP[47, 1]	-0.3138	-0.2821	1.3317	-3.0898	2.3066	0.4045	0.5955	
wP[48, 1]	-0.6269	-0.5974	1.3044	-3.3528	1.9644	0.2968	0.7032	*
wP[49, 1]	-0.1055	-0.0800	1.3357	-2.8839	2.5035	0.4735	0.5265	
wP[50, 1]	-0.0872	-0.0688	1.3361	-2.8126	2.5720	0.4768	0.5232	
wP[1, 2]	-0.3044	-0.2843	1.2909	-2.9637	2.2082	0.4040	0.5960	
wP[2, 2]	-0.3707	-0.3315	1.2278	-2.9292	2.0024	0.3815	0.6185	
wP[3, 2]	1.0413	1.0707	1.1684	-1.4689	3.3042	0.8400	0.1600	*
wP[4, 2]	-0.7862	-0.7270	1.2273	-3.4066	1.4814	0.2553	0.7447	*
wP[5, 2]	0.1085	0.0660	1.0171	-1.8548	2.3187	0.5294	0.4706	
wP[6, 2]	-0.6727	-0.5918	1.3315	-3.5752	1.7657	0.3064	0.6936	
wP[7, 2]	0.0216	0.0359	1.2062	-2.4505	2.3963	0.5139	0.4861	
wP[8, 2]	0.3989	0.3979	1.3098	-2.2376	3.0251	0.6321	0.3679	
wP[9, 2]	-0.2386	-0.1884	1.2637	-2.9313	2.1715	0.4319	0.5681	
wP[10, 2]	-0.0808	-0.0572	1.3334	-2.8579	2.4982	0.4808	0.5192	
wP[11, 2]	1.9737	1.9023	1.0268	0.0743	4.2364	0.9784	0.0216	*
wP[12, 2]	1.1859	1.3073	1.1758	-1.5962	3.2572	0.8636	0.1364	*
wP[13, 2]	-0.1366	-0.0954	1.3191	-2.8686	2.4250	0.4680	0.5320	
wP[14, 2]	0.3679	0.3516	1.2853	-2.1564	2.9982	0.6160	0.3840	
wP[15, 2]	-0.2807	-0.2724	1.3162	-2.9504	2.3548	0.4090	0.5910	
wP[16, 2]	-0.2100	-0.1871	1.3035	-2.8457	2.3737	0.4385	0.5615	
wP[17, 2]	0.1231	0.1488	1.2313	-2.4035	2.5317	0.5512	0.4488	
wP[18, 2]	0.0097	-0.0680	1.0616	-1.9298	2.4192	0.4709	0.5291	
wP[19, 2]	0.1151	0.1489	1.3202	-2.5893	2.7118	0.5495	0.4505	
wP[20, 2]	0.3556	0.3513	1.2645	-2.1731	2.9309	0.6212	0.3788	
wP[21, 2]	-0.0268	-0.0125	1.3387	-2.7474	2.6435	0.4956	0.5044	
wP[22, 2]	-0.3430	-0.3166	1.3632	-3.2031	2.3002	0.4005	0.5995	
wP[23, 2]	0.0446	0.0592	1.3471	-2.7164	2.7143	0.5187	0.4813	
wP[24, 2]	0.1838	0.2110	1.3352	-2.5821	2.8255	0.5715	0.4285	
wP[25, 2]	-0.0073	-0.0066	1.4386	-2.9184	2.8712	0.4979	0.5021	
wP[26, 2]	0.1246	0.1499	1.3127	-2.5621	2.7209	0.5508	0.4492	
wP[27, 2]	-0.1956	-0.1284	1.3446	-3.1112	2.3271	0.4586	0.5414	
wP[28, 2]	-0.0923	-0.0579	1.0963	-2.3976	2.0929	0.4756	0.5244	
wP[29, 2]	-0.7979	-0.7469	1.1520	-3.2556	1.3850	0.2298	0.7702	*
wP[30, 2]	-0.8065	-0.7044	1.1733	-3.4301	1.2798	0.2355	0.7645	*
wP[31, 2]	-0.1507	-0.1246	1.2768	-2.7640	2.3264	0.4585	0.5415	
wP[32, 2]	-0.4621	-0.4079	1.2958	-3.1932	1.9625	0.3615	0.6385	
wP[33, 2]	0.1650	0.2115	1.2152	-2.3968	2.5060	0.5765	0.4235	
wP[34, 2]	-1.2202	-1.1308	1.2214	-3.8968	0.9698	0.1404	0.8596	*
wP[35, 2]	0.0664	0.0915	1.3439	-2.7497	2.6880	0.5292	0.4708	
wP[36, 2]	0.4271	0.2284	1.1650	-1.4194	3.3150	0.5995	0.4005	
wP[37, 2]	0.2243	0.1883	1.3606	-2.4246	3.0557	0.5601	0.4399	
wP[38, 2]	-0.1168	-0.0707	1.2497	-2.7352	2.2698	0.4756	0.5244	
wP[39, 2]	-0.3528	-0.3155	1.2972	-3.0558	2.1364	0.3944	0.6056	
wP[40, 2]	-0.1022	-0.0918	1.3241	-2.7924	2.5311	0.4698	0.5302	
wP[41, 2]	-0.2870	-0.2582	1.3462	-3.0393	2.3191	0.4171	0.5829	
wP[42, 2]	0.2593	0.2430	1.3027	-2.2647	2.8916	0.5802	0.4198	
wP[43, 2]	0.0980	0.1052	1.3122	-2.5421	2.7353	0.5352	0.4648	
wP[44, 2]	-0.2226	-0.1638	1.2668	-2.9269	2.1481	0.4418	0.5582	
wP[45, 2]	0.0812	0.1168	1.2435	-2.5266	2.5047	0.5416	0.4584	
wP[46, 2]	0.1553	0.1781	1.2468	-2.4022	2.6143	0.5604	0.4396	

wP[47, 2]	-0.2684	-0.2298	1.3633	-3.1353	2.3305	0.4277	0.5723	
wP[48, 2]	-0.8069	-0.7223	1.2468	-3.5306	1.4509	0.2535	0.7465	*
wP[49, 2]	0.0920	0.1176	1.2572	-2.4944	2.5586	0.5408	0.4592	
wP[50, 2]	-0.1107	-0.0849	1.2875	-2.7424	2.3867	0.4712	0.5288	
wP[1, 3]	-0.3999	-0.3530	1.3051	-3.1127	2.0895	0.3865	0.6135	
wP[2, 3]	-0.4435	-0.3789	1.2158	-3.0637	1.8398	0.3610	0.6390	
wP[3, 3]	1.5546	1.4134	1.2944	-0.6266	4.5363	0.9110	0.0890	*
wP[4, 3]	-0.4248	-0.3387	1.1781	-3.0223	1.7118	0.3643	0.6357	
wP[5, 3]	-0.0385	-0.0177	0.9508	-2.0220	1.8719	0.4916	0.5084	
wP[6, 3]	-0.6604	-0.6024	1.2646	-3.3504	1.7540	0.2950	0.7050	*
wP[7, 3]	-0.2871	-0.2573	1.2536	-2.8560	2.1841	0.4103	0.5897	
wP[8, 3]	0.0792	0.0631	1.2917	-2.5107	2.7056	0.5220	0.4780	
wP[9, 3]	-0.2192	-0.2134	1.2903	-2.8720	2.3539	0.4297	0.5703	
wP[10, 3]	0.3036	0.2998	1.3349	-2.3761	3.0142	0.5993	0.4007	
wP[11, 3]	1.0024	0.8065	1.1293	-0.7577	3.8230	0.8459	0.1541	*
wP[12, 3]	-0.3455	-0.5912	1.3424	-2.3922	3.1023	0.3078	0.6922	
wP[13, 3]	-0.0564	-0.0510	1.3893	-2.8337	2.7116	0.4845	0.5155	
wP[14, 3]	0.4417	0.4457	1.2598	-2.0905	2.9708	0.6519	0.3481	
wP[15, 3]	-0.5357	-0.5016	1.3718	-3.3716	2.1319	0.3437	0.6563	
wP[16, 3]	-0.0001	0.0149	1.3233	-2.7437	2.5920	0.5047	0.4953	
wP[17, 3]	-0.1490	-0.1478	1.2578	-2.6596	2.3740	0.4492	0.5508	
wP[18, 3]	1.3850	1.4382	1.0612	-0.9486	3.3583	0.9041	0.0959	*
wP[19, 3]	0.2829	0.2593	1.3248	-2.3318	3.0118	0.5840	0.4160	
wP[20, 3]	0.0599	0.0660	1.2895	-2.5358	2.6347	0.5231	0.4769	
wP[21, 3]	-0.2599	-0.2595	1.3909	-3.0625	2.5263	0.4191	0.5809	
wP[22, 3]	-0.6294	-0.6076	1.4304	-3.5337	2.1868	0.3191	0.6809	
wP[23, 3]	-0.6287	-0.6325	1.3426	-3.2714	2.0808	0.2982	0.7018	*
wP[24, 3]	0.2868	0.2564	1.3351	-2.3361	3.0377	0.5869	0.4131	
wP[25, 3]	-0.0042	-0.0010	1.4302	-2.8836	2.8534	0.4997	0.5003	
wP[26, 3]	0.3394	0.3102	1.3394	-2.2698	3.1472	0.6028	0.3972	
wP[27, 3]	0.0678	0.0761	1.3417	-2.6217	2.7653	0.5235	0.4765	
wP[28, 3]	2.1737	2.1698	1.0172	0.0079	4.2274	0.9753	0.0247	*
wP[29, 3]	-1.0736	-0.9885	1.1912	-3.6553	1.0950	0.1658	0.8342	*
wP[30, 3]	-0.8258	-0.7767	1.1368	-3.2257	1.3426	0.2172	0.7828	*
wP[31, 3]	-0.2865	-0.2730	1.3552	-3.0362	2.4288	0.4092	0.5908	
wP[32, 3]	-0.1449	-0.1052	1.3047	-2.8829	2.3608	0.4642	0.5358	
wP[33, 3]	0.3111	0.3357	1.1831	-2.0976	2.6507	0.6219	0.3781	
wP[34, 3]	-1.2470	-1.1422	1.1644	-3.8670	0.8287	0.1152	0.8848	*
wP[35, 3]	0.1847	0.1673	1.3250	-2.4517	2.9199	0.5552	0.4448	
wP[36, 3]	1.2268	1.2701	1.0571	-1.0518	3.2335	0.8836	0.1164	*
wP[37, 3]	0.2495	0.2630	1.3177	-2.4614	2.8376	0.5886	0.4114	
wP[38, 3]	-0.1620	-0.1637	1.2967	-2.7623	2.4102	0.4448	0.5552	
wP[39, 3]	-0.0291	0.0075	1.3045	-2.7309	2.5011	0.5028	0.4972	
wP[40, 3]	0.1876	0.2074	1.3449	-2.5921	2.8089	0.5686	0.4314	
wP[41, 3]	-0.3692	-0.3422	1.3384	-3.1281	2.2510	0.3892	0.6108	
wP[42, 3]	-0.5870	-0.5714	1.3248	-3.3272	2.0272	0.3137	0.6863	
wP[43, 3]	0.0902	0.1186	1.2494	-2.5080	2.5330	0.5421	0.4579	
wP[44, 3]	0.0843	0.0628	1.2868	-2.4719	2.6742	0.5207	0.4793	
wP[45, 3]	0.0822	0.0962	1.2933	-2.5867	2.6462	0.5330	0.4670	
wP[46, 3]	0.2060	0.1764	1.3164	-2.3902	2.8707	0.5575	0.4425	

wP[47, 3]	-0.0031	-0.0028	1.4374	-2.9070	2.8764	0.4992	0.5008	
wP[48, 3]	-0.6931	-0.6332	1.2471	-3.3570	1.6663	0.2826	0.7174	*
wP[49, 3]	-0.3624	-0.3501	1.2780	-2.9720	2.2035	0.3819	0.6181	
wP[50, 3]	-0.4609	-0.4534	1.3285	-3.1053	2.1754	0.3563	0.6437	
wP[1, 4]	-0.3648	-0.3191	1.2776	-3.0424	2.0709	0.3914	0.6086	
wP[2, 4]	0.1035	0.1204	1.2542	-2.5043	2.5546	0.5425	0.4575	
wP[3, 4]	1.0595	1.0031	1.2250	-1.2422	3.7207	0.8240	0.1760	*
wP[4, 4]	-0.3089	-0.3056	1.2012	-2.7091	2.1032	0.3905	0.6095	
wP[5, 4]	0.5492	0.5368	1.0772	-1.6036	2.7309	0.7075	0.2925	*
wP[6, 4]	-0.5614	-0.4759	1.2186	-3.2192	1.6403	0.3272	0.6728	
wP[7, 4]	-0.4245	-0.3799	1.2849	-3.1414	2.0226	0.3716	0.6284	
wP[8, 4]	-0.6756	-0.6244	1.3202	-3.4763	1.8165	0.2985	0.7015	*
wP[9, 4]	-0.2336	-0.1838	1.3330	-3.0376	2.2960	0.4388	0.5612	
wP[10, 4]	-0.1178	-0.1125	1.3124	-2.7690	2.5190	0.4620	0.5380	
wP[11, 4]	-0.5971	-0.5721	0.9189	-2.5524	1.2065	0.2387	0.7613	*
wP[12, 4]	-0.4579	-0.2220	1.2543	-3.6134	1.4388	0.4070	0.5930	
wP[13, 4]	-0.0171	-0.0128	1.4247	-2.9034	2.8392	0.4960	0.5040	
wP[14, 4]	0.7623	0.7260	1.2952	-1.7173	3.4788	0.7319	0.2681	*
wP[15, 4]	-0.0933	-0.0600	1.3421	-2.8902	2.5121	0.4807	0.5193	
wP[16, 4]	0.3822	0.3701	1.3342	-2.2765	3.0906	0.6218	0.3782	
wP[17, 4]	-0.4527	-0.4154	1.2915	-3.1347	2.0123	0.3620	0.6380	
wP[18, 4]	-0.3340	-0.5410	1.2545	-2.3167	2.7813	0.3165	0.6835	
wP[19, 4]	-0.5568	-0.5577	1.3969	-3.3336	2.2852	0.3356	0.6644	
wP[20, 4]	-0.1228	-0.0996	1.3376	-2.8599	2.4891	0.4663	0.5337	
wP[21, 4]	-0.6975	-0.6381	1.3963	-3.6544	1.9726	0.3023	0.6977	
wP[22, 4]	-0.4141	-0.3624	1.4201	-3.4586	2.2737	0.3880	0.6120	
wP[23, 4]	-0.9168	-0.8022	1.4798	-4.1945	1.7172	0.2675	0.7325	*
wP[24, 4]	0.0221	0.0368	1.3263	-2.6521	2.6900	0.5124	0.4876	
wP[25, 4]	-0.0019	-0.0003	1.4311	-2.8831	2.8947	0.4998	0.5002	
wP[26, 4]	-0.2253	-0.2328	1.3381	-2.9069	2.5139	0.4209	0.5791	
wP[27, 4]	0.2239	0.2101	1.3446	-2.4666	2.9376	0.5689	0.4311	
wP[28, 4]	2.5309	2.2525	1.3917	0.5093	6.0786	0.9944	0.0056	*
wP[29, 4]	-0.7731	-0.6773	1.2056	-3.4447	1.3852	0.2557	0.7443	*
wP[30, 4]	-1.0864	-0.9870	1.2486	-3.8672	1.1178	0.1791	0.8209	*
wP[31, 4]	-0.0046	0.0072	1.3419	-2.7635	2.6313	0.5024	0.4976	
wP[32, 4]	-0.3627	-0.3197	1.2831	-3.0427	2.1041	0.3899	0.6101	
wP[33, 4]	1.0464	1.0341	1.0094	-1.0071	3.1604	0.8734	0.1266	*
wP[34, 4]	-0.1588	-0.0820	1.0222	-2.5171	1.6740	0.4604	0.5396	
wP[35, 4]	-0.0097	-0.0087	1.3314	-2.6965	2.6569	0.4973	0.5027	
wP[36, 4]	1.5027	1.3577	1.4548	-0.9910	4.7383	0.8613	0.1387	*
wP[37, 4]	0.4664	0.4324	1.3361	-2.1071	3.2986	0.6412	0.3588	
wP[38, 4]	-0.4408	-0.4067	1.3350	-3.2265	2.1348	0.3706	0.6294	
wP[39, 4]	0.1298	0.0986	1.3072	-2.4236	2.8302	0.5322	0.4678	
wP[40, 4]	0.3192	0.3048	1.3169	-2.2407	3.0211	0.6000	0.4000	
wP[41, 4]	-0.4721	-0.4199	1.3369	-3.2729	2.0472	0.3657	0.6343	
wP[42, 4]	-0.7938	-0.7415	1.3934	-3.7658	1.8389	0.2784	0.7216	*
wP[43, 4]	0.9260	0.9176	1.0594	-1.2370	3.1110	0.8385	0.1615	*
wP[44, 4]	-0.0763	-0.0618	1.3320	-2.8148	2.5567	0.4798	0.5202	
wP[45, 4]	-0.4546	-0.4139	1.2912	-3.1268	2.0659	0.3602	0.6398	
wP[46, 4]	-0.1989	-0.1942	1.3301	-2.9402	2.4377	0.4346	0.5654	

wP[47, 4]	0.0044	0.0030	1.4424	-2.8710	2.9173	0.5009	0.4991	
wP[48, 4]	-0.7211	-0.6514	1.3057	-3.5227	1.6938	0.2852	0.7148	*
wP[49, 4]	-0.4941	-0.4047	1.3136	-3.3755	1.8785	0.3630	0.6370	
wP[50, 4]	-0.4331	-0.3990	1.3405	-3.2332	2.1399	0.3708	0.6292	
wP[1, 5]	-0.0744	-0.0488	1.2674	-2.6859	2.4197	0.4823	0.5177	
wP[2, 5]	0.0492	0.0589	1.2834	-2.4954	2.6125	0.5198	0.4802	
wP[3, 5]	-0.0935	-0.1483	1.2637	-2.4611	2.6492	0.4488	0.5512	
wP[4, 5]	-0.9463	-0.8966	1.1748	-3.4599	1.3081	0.1885	0.8115	*
wP[5, 5]	-1.3932	-1.4192	1.1003	-3.5314	0.9008	0.0973	0.9027	*
wP[6, 5]	-0.0345	0.0048	1.2627	-2.7027	2.3675	0.5014	0.4986	
wP[7, 5]	-0.3219	-0.2828	1.3000	-3.0477	2.1717	0.4051	0.5949	
wP[8, 5]	-1.2364	-1.1211	1.2585	-4.1026	1.0003	0.1372	0.8628	*
wP[9, 5]	-0.2530	-0.2167	1.2554	-2.8637	2.1882	0.4246	0.5754	
wP[10, 5]	-0.2445	-0.2155	1.3445	-3.0437	2.3588	0.4306	0.5694	
wP[11, 5]	0.5791	0.6247	0.8845	-1.3700	2.2812	0.7834	0.2166	*
wP[12, 5]	0.2183	0.0879	1.0192	-1.4942	2.6686	0.5442	0.4558	
wP[13, 5]	-0.0057	-0.0027	1.4359	-2.8944	2.8785	0.4992	0.5008	
wP[14, 5]	1.7117	1.6525	1.0294	-0.2740	4.0007	0.9614	0.0386	*
wP[15, 5]	0.0710	0.0708	1.3058	-2.5123	2.6969	0.5243	0.4757	
wP[16, 5]	-0.0296	-0.0529	1.3519	-2.6739	2.7519	0.4824	0.5176	
wP[17, 5]	-0.1569	-0.0992	1.2469	-2.8453	2.1978	0.4643	0.5357	
wP[18, 5]	-0.2639	-0.0486	1.3049	-3.4907	1.7810	0.4818	0.5182	
wP[19, 5]	0.4407	0.4955	1.3840	-2.4835	3.0975	0.6523	0.3477	
wP[20, 5]	-0.4185	-0.3924	1.3212	-3.1510	2.1954	0.3683	0.6317	
wP[21, 5]	-0.9912	-0.8997	1.4060	-4.0556	1.6150	0.2259	0.7741	*
wP[22, 5]	-0.0067	-0.0081	1.3381	-2.7010	2.6583	0.4974	0.5026	
wP[23, 5]	-0.6404	-0.5915	1.3491	-3.4704	1.9858	0.3065	0.6935	
wP[24, 5]	0.3662	0.3799	1.3303	-2.3705	3.0262	0.6251	0.3749	
wP[25, 5]	0.0083	0.0023	1.4359	-2.8840	2.9120	0.5007	0.4993	
wP[26, 5]	-0.3692	-0.3167	1.3511	-3.2115	2.1797	0.3986	0.6014	
wP[27, 5]	0.1699	0.1496	1.3497	-2.4927	2.9581	0.5507	0.4493	
wP[28, 5]	0.2199	0.1341	1.0186	-1.6113	2.4919	0.5605	0.4395	
wP[29, 5]	-1.3805	-1.3257	1.0973	-3.7737	0.6827	0.0851	0.9149	*
wP[30, 5]	-0.5261	-0.4669	1.2496	-3.2036	1.8211	0.3365	0.6635	
wP[31, 5]	0.1385	0.1051	1.3411	-2.4816	2.9331	0.5359	0.4641	
wP[32, 5]	-0.2098	-0.1506	1.2680	-2.9298	2.1740	0.4474	0.5526	
wP[33, 5]	0.8283	0.7218	1.0639	-1.0205	3.2910	0.8006	0.1994	*
wP[34, 5]	-0.8649	-0.9070	0.9513	-2.6884	1.2183	0.1576	0.8424	*
wP[35, 5]	0.0862	0.0805	1.3420	-2.6105	2.7876	0.5268	0.4732	
wP[36, 5]	0.0017	0.0068	1.4360	-2.8831	2.8661	0.5022	0.4978	
wP[37, 5]	1.3078	1.2727	1.0744	-0.8597	3.5589	0.9115	0.0885	*
wP[38, 5]	-0.1819	-0.1327	1.2527	-2.8441	2.1955	0.4514	0.5486	
wP[39, 5]	-0.7845	-0.7581	1.3743	-3.5935	1.9268	0.2696	0.7304	*
wP[40, 5]	0.1255	0.1348	1.3145	-2.5473	2.7166	0.5443	0.4557	
wP[41, 5]	-0.3862	-0.3643	1.3390	-3.1402	2.2267	0.3818	0.6182	
wP[42, 5]	-0.2603	-0.2229	1.2935	-2.9500	2.2401	0.4215	0.5785	
wP[43, 5]	0.1733	0.0732	1.0893	-1.7711	2.6885	0.5328	0.4672	
wP[44, 5]	-0.0066	-0.0176	1.4252	-2.8737	2.8580	0.4942	0.5058	
wP[45, 5]	-0.8571	-0.7659	1.2422	-3.5936	1.4063	0.2334	0.7666	*
wP[46, 5]	-0.0231	0.0108	1.3158	-2.8084	2.4902	0.5034	0.4966	

wP[47, 5]	-0.0059	-0.0086	1.4355	-2.8840	2.8893	0.4973	0.5027	
wP[48, 5]	-0.4773	-0.4185	1.2794	-3.2296	1.8977	0.3565	0.6435	
wP[49, 5]	-0.0204	-0.0194	1.0316	-2.1832	2.0797	0.4905	0.5095	
wP[50, 5]	-0.4291	-0.4069	1.3510	-3.2153	2.1887	0.3738	0.6262	
wP[1, 6]	-0.3383	-0.3076	1.2200	-2.8819	2.0767	0.3849	0.6151	
wP[2, 6]	-0.3274	-0.2720	1.2615	-2.9906	2.0846	0.4048	0.5952	
wP[3, 6]	-0.9342	-0.8401	1.2811	-3.7564	1.3589	0.2247	0.7753	*
wP[4, 6]	-1.1732	-1.0588	1.2032	-3.8822	0.9468	0.1418	0.8582	*
wP[5, 6]	-0.1792	0.0551	1.3186	-3.5653	1.8172	0.5208	0.4792	
wP[6, 6]	-0.3197	-0.3054	1.2213	-2.8277	2.1229	0.3884	0.6116	
wP[7, 6]	-0.2482	-0.1974	1.3090	-2.9866	2.2612	0.4327	0.5673	
wP[8, 6]	1.4806	1.5269	1.2370	-1.2114	3.8398	0.8980	0.1020	*
wP[9, 6]	1.8031	1.8130	1.1985	-0.7043	4.1785	0.9387	0.0613	*
wP[10, 6]	-0.0444	-0.0410	1.4116	-2.9013	2.8020	0.4876	0.5124	
wP[11, 6]	1.3595	1.2613	1.0357	-0.4721	3.6975	0.9294	0.0706	*
wP[12, 6]	0.1483	0.1940	1.0264	-2.0415	2.1126	0.5808	0.4192	
wP[13, 6]	0.0034	-0.0014	1.4413	-2.8803	2.8962	0.4995	0.5005	
wP[14, 6]	2.0447	1.8827	1.1914	0.1170	4.8464	0.9810	0.0190	*
wP[15, 6]	-0.0106	0.0006	1.3574	-2.7701	2.6481	0.5002	0.4998	
wP[16, 6]	-0.1898	-0.1642	1.4043	-3.0942	2.5519	0.4498	0.5502	
wP[17, 6]	-0.0325	-0.0217	1.3222	-2.6821	2.6264	0.4927	0.5073	
wP[18, 6]	1.0152	0.9272	1.3284	-1.3789	3.8665	0.7766	0.2234	*
wP[19, 6]	0.7402	0.6451	1.4161	-1.8244	3.7933	0.6928	0.3072	
wP[20, 6]	-0.3319	-0.2807	1.4115	-3.3536	2.3176	0.4137	0.5863	
wP[21, 6]	-0.5032	-0.4315	1.4351	-3.5675	2.2116	0.3658	0.6342	
wP[22, 6]	0.0144	0.0120	1.3884	-2.7741	2.8013	0.5036	0.4964	
wP[23, 6]	-0.3689	-0.2990	1.3674	-3.2745	2.1962	0.4052	0.5948	
wP[24, 6]	0.2342	0.1970	1.3847	-2.4796	3.0711	0.5628	0.4372	
wP[25, 6]	-0.0156	-0.0126	1.4358	-2.9095	2.8512	0.4958	0.5042	
wP[26, 6]	-0.0092	-0.0004	1.4204	-2.8971	2.7849	0.4999	0.5001	
wP[27, 6]	-0.0681	-0.0474	1.4016	-2.9550	2.6524	0.4855	0.5145	
wP[28, 6]	-0.2310	-0.1968	1.0337	-2.4112	1.7767	0.4152	0.5848	
wP[29, 6]	-1.5444	-1.4057	1.2440	-4.4027	0.5624	0.0793	0.9207	*
wP[30, 6]	-0.1707	-0.1388	1.2786	-2.8416	2.2850	0.4523	0.5477	
wP[31, 6]	0.0039	0.0025	1.3699	-2.7917	2.7256	0.5008	0.4992	
wP[32, 6]	0.0188	0.0123	1.3388	-2.6680	2.7097	0.5037	0.4963	
wP[33, 6]	0.0561	0.0587	1.1777	-2.2970	2.3880	0.5208	0.4792	
wP[34, 6]	0.8934	1.0061	1.1078	-1.7003	2.8277	0.8172	0.1828	*
wP[35, 6]	0.0262	0.0360	1.4157	-2.8260	2.8457	0.5112	0.4888	
wP[36, 6]	0.0030	0.0092	1.4290	-2.8948	2.8600	0.5030	0.4970	
wP[37, 6]	3.0933	2.9610	1.2079	1.0223	5.8454	0.9975	0.0025	*
wP[38, 6]	-0.0195	-0.0211	1.3021	-2.6308	2.5847	0.4926	0.5074	
wP[39, 6]	-0.6688	-0.5672	1.4171	-3.8157	1.8503	0.3232	0.6768	
wP[40, 6]	-0.0061	0.0159	1.3397	-2.7517	2.6547	0.5051	0.4949	
wP[41, 6]	-0.1830	-0.1659	1.4170	-3.1156	2.5738	0.4491	0.5509	
wP[42, 6]	-0.0751	-0.0325	1.3823	-2.9168	2.6112	0.4902	0.5098	
wP[43, 6]	-0.2507	-0.2282	1.1749	-2.6273	2.0116	0.4189	0.5811	
wP[44, 6]	0.0084	0.0063	1.4372	-2.8719	2.9363	0.5022	0.4978	
wP[45, 6]	-0.3843	-0.3384	1.2953	-3.0833	2.0699	0.3895	0.6105	
wP[46, 6]	0.0757	0.0859	1.3194	-2.6299	2.7034	0.5282	0.4718	

wP[47, 6]	-0.0013	-0.0006	1.4328	-2.8926	2.8437	0.4997	0.5003	
wP[48, 6]	-0.2029	-0.1770	1.3049	-2.9064	2.3276	0.4398	0.5602	
wP[49, 6]	1.0048	0.9756	1.0750	-1.1243	3.2349	0.8441	0.1559	*
wP[50, 6]	-0.3489	-0.3068	1.4062	-3.2996	2.3356	0.4048	0.5952	
wP[1, 7]	-0.3139	-0.2630	1.3341	-3.1221	2.1997	0.4140	0.5860	
wP[2, 7]	-0.2012	-0.1691	1.3427	-2.9736	2.3850	0.4466	0.5534	
wP[3, 7]	-0.3110	-0.2642	1.3550	-3.1707	2.2709	0.4144	0.5856	
wP[4, 7]	-0.4876	-0.4317	1.3162	-3.2976	1.9662	0.3607	0.6393	
wP[5, 7]	1.0479	0.9451	1.3429	-1.3502	4.0011	0.7840	0.2160	*
wP[6, 7]	-0.3323	-0.2915	1.3352	-3.1187	2.2218	0.4056	0.5944	
wP[7, 7]	-0.1035	-0.0798	1.4035	-2.9980	2.6581	0.4745	0.5255	
wP[8, 7]	1.6687	1.4852	1.5377	-0.8789	5.2508	0.8825	0.1175	*
wP[9, 7]	1.6262	1.4508	1.5217	-0.9216	5.1231	0.8778	0.1222	*
wP[10, 7]	-0.0081	-0.0125	1.4317	-2.8795	2.8697	0.4964	0.5036	
wP[11, 7]	0.4912	0.4633	1.1765	-1.7587	2.8943	0.6596	0.3404	
wP[12, 7]	0.5435	0.5036	1.1992	-1.7384	3.0156	0.6726	0.3274	
wP[13, 7]	0.0033	-0.0044	1.4344	-2.8813	2.8907	0.4985	0.5015	
wP[14, 7]	0.7780	0.7269	1.2323	-1.5304	3.3502	0.7349	0.2651	*
wP[15, 7]	0.0109	0.0063	1.4366	-2.8519	2.9229	0.5018	0.4982	
wP[16, 7]	0.0091	0.0054	1.4301	-2.8742	2.8991	0.5017	0.4983	
wP[17, 7]	-0.0265	-0.0246	1.4294	-2.9155	2.8429	0.4923	0.5077	
wP[18, 7]	-0.0036	0.0008	1.4349	-2.9135	2.8766	0.5001	0.4999	
wP[19, 7]	-0.0268	-0.0165	1.4424	-2.9403	2.8543	0.4946	0.5054	
wP[20, 7]	-0.0043	-0.0075	1.4402	-2.9056	2.9175	0.4975	0.5025	
wP[21, 7]	-0.0094	-0.0024	1.4424	-2.9283	2.8746	0.4992	0.5008	
wP[22, 7]	-0.0047	-0.0109	1.4328	-2.8750	2.8701	0.4968	0.5032	
wP[23, 7]	-0.0013	0.0090	1.4013	-2.8131	2.8149	0.5029	0.4971	
wP[24, 7]	-0.0085	-0.0168	1.4362	-2.8814	2.9138	0.4943	0.5057	
wP[25, 7]	-0.0003	0.0013	1.4368	-2.8663	2.9002	0.5003	0.4997	
wP[26, 7]	-0.0106	-0.0067	1.4260	-2.9033	2.8433	0.4978	0.5022	
wP[27, 7]	-0.0202	-0.0216	1.4171	-2.8793	2.8464	0.4932	0.5068	
wP[28, 7]	0.0231	0.0179	1.2292	-2.3983	2.4794	0.5062	0.4938	
wP[29, 7]	-0.5324	-0.4722	1.3205	-3.3603	1.9042	0.3471	0.6529	
wP[30, 7]	-0.0967	-0.0765	1.3914	-2.9510	2.6375	0.4760	0.5240	
wP[31, 7]	-0.0027	0.0001	1.4155	-2.8459	2.8401	0.5000	0.5000	
wP[32, 7]	-0.0262	-0.0277	1.4294	-2.9088	2.8448	0.4908	0.5092	
wP[33, 7]	-0.0020	-0.0066	1.4389	-2.9099	2.8756	0.4976	0.5024	
wP[34, 7]	1.5166	1.3626	1.4451	-0.9618	4.6964	0.8660	0.1340	*
wP[35, 7]	-0.0333	-0.0237	1.4371	-2.9455	2.8341	0.4925	0.5075	
wP[36, 7]	0.0021	-0.0053	1.4351	-2.8706	2.9001	0.4982	0.5018	
wP[37, 7]	1.7276	1.5509	1.5130	-0.7867	5.2600	0.8955	0.1045	*
wP[38, 7]	-0.0463	-0.0405	1.4332	-2.9560	2.8207	0.4871	0.5129	
wP[39, 7]	-0.0577	-0.0457	1.4216	-2.9392	2.7837	0.4848	0.5152	
wP[40, 7]	-0.0837	-0.0644	1.3893	-2.8965	2.6744	0.4794	0.5206	
wP[41, 7]	0.0101	0.0163	1.4406	-2.9018	2.8966	0.5051	0.4949	
wP[42, 7]	-0.0379	-0.0330	1.4291	-2.9523	2.8206	0.4896	0.5104	
wP[43, 7]	0.1442	0.1245	1.4150	-2.6269	3.0615	0.5375	0.4625	
wP[44, 7]	0.0038	-0.0072	1.4393	-2.8827	2.9098	0.4977	0.5023	
wP[45, 7]	0.0055	0.0161	1.4213	-2.8420	2.8486	0.5048	0.4952	
wP[46, 7]	-0.0879	-0.0643	1.4162	-3.0304	2.6970	0.4802	0.5198	

wP[47, 7]	0.0075	0.0048	1.4316	-2.8566	2.8741	0.5014	0.4986	
wP[48, 7]	-0.0322	-0.0229	1.4011	-2.8710	2.7774	0.4929	0.5071	
wP[49, 7]	0.7874	0.7191	1.2637	-1.5383	3.4804	0.7312	0.2688	*
wP[50, 7]	0.0054	-0.0043	1.4399	-2.8459	2.9611	0.4987	0.5013	
sigma.wA	0.3348	0.3328	0.0857	0.1743	0.4841	1.0000	0.0000	*
wA[1, 1]	0.0654	0.0644	0.3102	-0.5705	0.7052	0.5991	0.4009	
wA[2, 1]	-0.0244	-0.0244	0.3110	-0.6698	0.6102	0.4625	0.5375	
wA[3, 1]	0.0145	0.0144	0.3161	-0.6282	0.6619	0.5211	0.4789	
wA[4, 1]	-0.0177	-0.0188	0.3125	-0.6565	0.6269	0.4720	0.5280	
wA[5, 1]	0.0771	0.0759	0.3159	-0.5609	0.7261	0.6107	0.3893	
wA[6, 1]	0.0347	0.0347	0.3428	-0.6576	0.7243	0.5442	0.4558	
wA[7, 1]	-0.0251	-0.0251	0.3066	-0.6531	0.6060	0.4607	0.5393	
wA[8, 1]	0.0127	0.0114	0.3121	-0.6246	0.6535	0.5166	0.4834	
wA[9, 1]	0.0487	0.0486	0.3090	-0.5794	0.6815	0.5735	0.4265	
wA[10, 1]	0.1119	0.1123	0.3140	-0.5306	0.7520	0.6625	0.3375	
wA[11, 1]	-0.0950	-0.0948	0.3085	-0.7285	0.5385	0.3589	0.6411	
wA[12, 1]	-0.0604	-0.0585	0.3117	-0.7005	0.5800	0.4110	0.5890	
wA[13, 1]	0.0070	0.0071	0.3091	-0.6316	0.6394	0.5105	0.4895	
wA[14, 1]	-0.0032	-0.0044	0.3112	-0.6443	0.6382	0.4937	0.5063	
wA[15, 1]	0.0660	0.0659	0.3110	-0.5687	0.7041	0.5978	0.4022	
wA[16, 1]	0.0442	0.0449	0.3092	-0.5952	0.6763	0.5707	0.4293	
wA[17, 1]	0.0661	0.0673	0.3102	-0.5736	0.6975	0.6013	0.3987	
wA[18, 1]	-0.0963	-0.0963	0.3121	-0.7349	0.5457	0.3590	0.6410	
wA[19, 1]	0.0006	0.0015	0.3443	-0.6902	0.6961	0.5020	0.4980	
wA[20, 1]	-0.1884	-0.1895	0.3150	-0.8380	0.4518	0.2506	0.7494	*
wA[21, 1]	-0.0555	-0.0552	0.3111	-0.6936	0.5770	0.4149	0.5851	
wA[22, 1]	-0.1656	-0.1665	0.3153	-0.8128	0.4834	0.2735	0.7265	*
wA[23, 1]	0.1140	0.1141	0.3161	-0.5302	0.7588	0.6602	0.3398	
wA[24, 1]	0.1029	0.1035	0.3091	-0.5379	0.7363	0.6538	0.3462	
wA[25, 1]	-0.0003	-0.0009	0.3455	-0.6969	0.7013	0.4985	0.5015	
wA[26, 1]	0.1002	0.1012	0.3113	-0.5400	0.7370	0.6484	0.3516	
wA[27, 1]	0.1753	0.1763	0.3150	-0.4699	0.8175	0.7367	0.2633	*
wA[28, 1]	-0.0010	-0.0018	0.3081	-0.6274	0.6354	0.4971	0.5029	
wA[29, 1]	-0.0591	-0.0583	0.3106	-0.6953	0.5762	0.4115	0.5885	
wA[30, 1]	0.0291	0.0301	0.3113	-0.6080	0.6650	0.5450	0.4550	
wA[31, 1]	0.2341	0.2343	0.3216	-0.4207	0.8825	0.7887	0.2113	*
wA[32, 1]	0.1713	0.1730	0.3165	-0.4790	0.8125	0.7290	0.2710	*
wA[33, 1]	0.0376	0.0380	0.3110	-0.6021	0.6737	0.5591	0.4409	
wA[34, 1]	0.0226	0.0224	0.3287	-0.6409	0.6935	0.5308	0.4692	
wA[35, 1]	0.0869	0.0873	0.3097	-0.5558	0.7217	0.6320	0.3680	
wA[36, 1]	-0.2305	-0.2345	0.3167	-0.8671	0.4289	0.2090	0.7910	*
wA[37, 1]	0.0937	0.0935	0.3135	-0.5496	0.7315	0.6370	0.3630	
wA[38, 1]	0.0319	0.0334	0.3108	-0.6085	0.6681	0.5503	0.4497	
wA[39, 1]	0.0395	0.0399	0.3090	-0.6005	0.6767	0.5615	0.4385	
wA[40, 1]	0.0942	0.0936	0.3106	-0.5401	0.7366	0.6369	0.3631	
wA[41, 1]	-0.0579	-0.0584	0.3094	-0.6925	0.5776	0.4112	0.5888	
wA[42, 1]	-0.0700	-0.0683	0.3115	-0.7086	0.5635	0.3980	0.6020	
wA[43, 1]	-0.0860	-0.0849	0.3168	-0.7324	0.5588	0.3775	0.6225	
wA[44, 1]	0.0676	0.0680	0.3095	-0.5653	0.7048	0.6010	0.3990	
wA[45, 1]	0.0592	0.0604	0.3095	-0.5855	0.6897	0.5911	0.4089	

wA[46, 1]	0.1128	0.1146	0.3108	-0.5316	0.7444	0.6646	0.3354	
wA[47, 1]	-0.0016	-0.0023	0.3462	-0.6996	0.6974	0.4974	0.5026	
wA[48, 1]	0.0189	0.0186	0.3083	-0.6136	0.6554	0.5297	0.4703	
wA[49, 1]	0.0761	0.0752	0.3113	-0.5620	0.7176	0.6120	0.3880	
wA[50, 1]	0.0842	0.0845	0.3106	-0.5505	0.7204	0.6258	0.3742	
wA[1, 2]	-0.0034	0.0049	0.2258	-0.4666	0.4292	0.5089	0.4911	
wA[2, 2]	0.1910	0.1890	0.2298	-0.2627	0.6585	0.8043	0.1957	*
wA[3, 2]	-0.0921	-0.0897	0.2441	-0.5791	0.3858	0.3518	0.6482	
wA[4, 2]	0.0117	0.0096	0.2241	-0.4318	0.4621	0.5186	0.4814	
wA[5, 2]	0.0902	0.0969	0.2352	-0.3875	0.5445	0.6613	0.3387	
wA[6, 2]	-0.0175	-0.0093	0.3035	-0.6580	0.5847	0.4856	0.5144	
wA[7, 2]	0.0009	-0.0034	0.2221	-0.4350	0.4478	0.4935	0.5065	
wA[8, 2]	-0.1376	-0.1358	0.2325	-0.6046	0.3231	0.2679	0.7321	*
wA[9, 2]	0.0861	0.0918	0.2286	-0.3783	0.5292	0.6601	0.3399	
wA[10, 2]	-0.1713	-0.1580	0.2516	-0.6957	0.2928	0.2497	0.7503	*
wA[11, 2]	0.0721	0.0592	0.2306	-0.3621	0.5533	0.6088	0.3912	
wA[12, 2]	-0.0956	-0.1038	0.2341	-0.5429	0.3876	0.3257	0.6743	
wA[13, 2]	0.0602	0.0601	0.2241	-0.3864	0.5081	0.6145	0.3855	
wA[14, 2]	0.0638	0.0630	0.2234	-0.3783	0.5135	0.6187	0.3813	
wA[15, 2]	0.1371	0.1438	0.2340	-0.3443	0.5866	0.7320	0.2680	*
wA[16, 2]	0.0111	0.0168	0.2268	-0.4535	0.4540	0.5319	0.4681	
wA[17, 2]	0.0230	0.0321	0.2280	-0.4490	0.4614	0.5577	0.4423	
wA[18, 2]	0.1316	0.1206	0.2346	-0.3084	0.6195	0.7094	0.2906	*
wA[19, 2]	-0.0328	-0.0306	0.3072	-0.6751	0.5925	0.4526	0.5474	
wA[20, 2]	0.2895	0.2672	0.2621	-0.1720	0.8436	0.8761	0.1239	*
wA[21, 2]	0.0459	0.0379	0.2273	-0.3937	0.5142	0.5718	0.4282	
wA[22, 2]	0.2458	0.2250	0.2530	-0.2041	0.7800	0.8407	0.1593	*
wA[23, 2]	-0.2440	-0.2283	0.2488	-0.7693	0.2145	0.1539	0.8461	*
wA[24, 2]	-0.0840	-0.0702	0.2350	-0.5741	0.3565	0.3732	0.6268	
wA[25, 2]	0.0013	0.0021	0.3486	-0.7083	0.7047	0.5025	0.4975	
wA[26, 2]	-0.0371	-0.0244	0.2372	-0.5324	0.4067	0.4568	0.5432	
wA[27, 2]	-0.1447	-0.1241	0.2565	-0.6831	0.3131	0.3048	0.6952	
wA[28, 2]	-0.0646	-0.0653	0.2251	-0.5086	0.3866	0.3803	0.6197	
wA[29, 2]	-0.0186	-0.0252	0.2281	-0.4581	0.4525	0.4538	0.5462	
wA[30, 2]	-0.0443	-0.0406	0.2233	-0.4989	0.3970	0.4207	0.5793	
wA[31, 2]	-0.1738	-0.1512	0.2793	-0.7550	0.3146	0.2880	0.7120	*
wA[32, 2]	-0.1477	-0.1280	0.2529	-0.6775	0.3052	0.2962	0.7038	*
wA[33, 2]	-0.1226	-0.1186	0.2307	-0.5908	0.3292	0.2925	0.7075	*
wA[34, 2]	-0.1001	-0.0953	0.2690	-0.6560	0.4361	0.3446	0.6554	
wA[35, 2]	-0.1970	-0.1860	0.2351	-0.6842	0.2501	0.1944	0.8056	*
wA[36, 2]	0.2599	0.2331	0.2791	-0.2170	0.8456	0.8210	0.1790	*
wA[37, 2]	-0.0123	0.0009	0.2455	-0.5314	0.4479	0.5015	0.4985	
wA[38, 2]	0.0340	0.0380	0.2305	-0.4325	0.4879	0.5700	0.4300	
wA[39, 2]	0.0410	0.0459	0.2259	-0.4199	0.4823	0.5846	0.4154	
wA[40, 2]	-0.0949	-0.0834	0.2395	-0.5961	0.3543	0.3552	0.6448	
wA[41, 2]	-0.1357	-0.1427	0.2279	-0.5779	0.3328	0.2636	0.7364	*
wA[42, 2]	-0.0087	-0.0173	0.2290	-0.4478	0.4637	0.4687	0.5313	
wA[43, 2]	-0.1995	-0.2051	0.2585	-0.6934	0.3244	0.2145	0.7855	*
wA[44, 2]	-0.0245	-0.0161	0.2272	-0.4936	0.4093	0.4698	0.5302	
wA[45, 2]	-0.0574	-0.0480	0.2264	-0.5248	0.3752	0.4085	0.5915	

wA[46, 2]	-0.1235	-0.1091	0.2365	-0.6173	0.3154	0.3093	0.6907	
wA[47, 2]	-0.0012	-0.0026	0.3462	-0.7023	0.7004	0.4970	0.5030	
wA[48, 2]	-0.0183	-0.0167	0.2215	-0.4647	0.4250	0.4687	0.5313	
wA[49, 2]	-0.1287	-0.1184	0.2338	-0.6140	0.3149	0.2928	0.7072	*
wA[50, 2]	0.0317	0.0406	0.2302	-0.4429	0.4701	0.5728	0.4272	
wA[1, 3]	-0.0382	-0.0306	0.2164	-0.4771	0.3752	0.4414	0.5586	
wA[2, 3]	-0.1179	-0.1085	0.2291	-0.5809	0.3089	0.3160	0.6840	
wA[3, 3]	0.0816	0.0712	0.3270	-0.5465	0.7613	0.5924	0.4076	
wA[4, 3]	-0.1068	-0.1073	0.2126	-0.5260	0.3190	0.2970	0.7030	*
wA[5, 3]	-0.1465	-0.1277	0.2603	-0.6891	0.3190	0.3072	0.6928	
wA[6, 3]	0.0609	0.0648	0.2191	-0.3829	0.4902	0.6209	0.3791	
wA[7, 3]	-0.0012	-0.0044	0.2076	-0.4100	0.4227	0.4910	0.5090	
wA[8, 3]	0.0124	0.0020	0.2240	-0.4071	0.4686	0.5037	0.4963	
wA[9, 3]	-0.2482	-0.2343	0.2450	-0.7487	0.1991	0.1521	0.8479	*
wA[10, 3]	-0.2178	-0.2166	0.2427	-0.7016	0.2645	0.1760	0.8240	*
wA[11, 3]	0.0496	0.0432	0.2137	-0.3645	0.4828	0.5845	0.4155	
wA[12, 3]	0.1081	0.0916	0.2534	-0.3468	0.6312	0.6405	0.3595	
wA[13, 3]	-0.1989	-0.1928	0.2189	-0.6399	0.2229	0.1757	0.8243	*
wA[14, 3]	-0.1285	-0.1235	0.2125	-0.5606	0.2850	0.2673	0.7327	*
wA[15, 3]	-0.1700	-0.1533	0.2579	-0.6826	0.2848	0.2802	0.7198	*
wA[16, 3]	-0.2538	-0.2490	0.2211	-0.7045	0.1744	0.1193	0.8807	*
wA[17, 3]	-0.0631	-0.0536	0.2198	-0.5093	0.3488	0.4013	0.5987	
wA[18, 3]	-0.0426	-0.0437	0.2121	-0.4646	0.3861	0.4140	0.5860	
wA[19, 3]	0.0532	0.0504	0.2202	-0.3813	0.5013	0.5970	0.4030	
wA[20, 3]	0.0102	0.0098	0.2053	-0.3981	0.4210	0.5202	0.4798	
wA[21, 3]	-0.0156	-0.0182	0.2064	-0.4204	0.3994	0.4638	0.5362	
wA[22, 3]	-0.0489	-0.0492	0.2060	-0.4572	0.3614	0.4008	0.5992	
wA[23, 3]	-0.0739	-0.0817	0.2201	-0.4926	0.3797	0.3521	0.6479	
wA[24, 3]	-0.2032	-0.1976	0.2214	-0.6504	0.2272	0.1722	0.8278	*
wA[25, 3]	-0.0015	-0.0025	0.3443	-0.6970	0.6926	0.4969	0.5031	
wA[26, 3]	-0.2241	-0.2120	0.2305	-0.7002	0.2086	0.1583	0.8417	*
wA[27, 3]	-0.1925	-0.1808	0.2315	-0.6659	0.2399	0.2018	0.7982	*
wA[28, 3]	-0.3105	-0.3141	0.2265	-0.7442	0.1464	0.0865	0.9135	*
wA[29, 3]	-0.0114	-0.0228	0.2272	-0.4350	0.4605	0.4596	0.5404	
wA[30, 3]	-0.0488	-0.0508	0.2130	-0.4709	0.3834	0.3970	0.6030	
wA[31, 3]	-0.1858	-0.1668	0.2548	-0.7190	0.2692	0.2435	0.7565	*
wA[32, 3]	-0.0376	-0.0324	0.2329	-0.5060	0.4101	0.4427	0.5573	
wA[33, 3]	-0.1948	-0.1989	0.2217	-0.6203	0.2512	0.1853	0.8147	*
wA[34, 3]	-0.0825	-0.0904	0.2329	-0.5272	0.3984	0.3446	0.6554	
wA[35, 3]	0.0597	0.0556	0.2168	-0.3636	0.4997	0.6067	0.3933	
wA[36, 3]	0.0257	0.0193	0.2226	-0.3982	0.4766	0.5345	0.4655	
wA[37, 3]	-0.4228	-0.4178	0.2411	-0.9019	0.0360	0.0355	0.9645	*
wA[38, 3]	-0.1458	-0.1381	0.2200	-0.5969	0.2713	0.2524	0.7476	*
wA[39, 3]	-0.1423	-0.1335	0.2189	-0.5908	0.2763	0.2551	0.7449	*
wA[40, 3]	-0.2749	-0.2713	0.2263	-0.7334	0.1636	0.1066	0.8934	*
wA[41, 3]	0.2766	0.2602	0.2588	-0.1836	0.7937	0.8565	0.1435	*
wA[42, 3]	0.1395	0.1312	0.2221	-0.2815	0.5918	0.7332	0.2668	*
wA[43, 3]	-0.0111	-0.0294	0.3214	-0.5776	0.6340	0.4664	0.5336	
wA[44, 3]	-0.2068	-0.2013	0.2187	-0.6463	0.2175	0.1662	0.8338	*
wA[45, 3]	-0.2721	-0.2700	0.2149	-0.7022	0.1547	0.0987	0.9013	*

wA[46, 3]	-0.2090	-0.2069	0.2160	-0.6409	0.2161	0.1595	0.8405	*
wA[47, 3]	0.0011	0.0017	0.3467	-0.7028	0.6993	0.5024	0.4976	
wA[48, 3]	-0.0865	-0.0865	0.2109	-0.5107	0.3369	0.3322	0.6678	
wA[49, 3]	-0.1823	-0.1825	0.2151	-0.6050	0.2494	0.1932	0.8068	*
wA[50, 3]	-0.1270	-0.1160	0.2275	-0.5849	0.2960	0.3006	0.6994	
wA[1, 4]	-0.1321	-0.1236	0.2222	-0.5849	0.2910	0.2775	0.7225	*
wA[2, 4]	-0.0369	-0.0285	0.2202	-0.4877	0.3810	0.4463	0.5537	
wA[3, 4]	0.0856	0.0839	0.3230	-0.5610	0.7352	0.6122	0.3878	
wA[4, 4]	0.2226	0.2167	0.2310	-0.2181	0.6871	0.8360	0.1640	*
wA[5, 4]	-0.1349	-0.1215	0.2397	-0.6300	0.3067	0.2985	0.7015	*
wA[6, 4]	-0.0383	-0.0258	0.2302	-0.5122	0.3961	0.4536	0.5464	
wA[7, 4]	0.0925	0.0885	0.2099	-0.3148	0.5158	0.6719	0.3281	
wA[8, 4]	0.2204	0.2100	0.2338	-0.2147	0.6861	0.8246	0.1754	*
wA[9, 4]	-0.0790	-0.0794	0.2121	-0.4985	0.3438	0.3468	0.6532	
wA[10, 4]	0.3258	0.3104	0.2566	-0.1324	0.8421	0.9062	0.0938	*
wA[11, 4]	0.0893	0.0837	0.2096	-0.3183	0.5145	0.6655	0.3345	
wA[12, 4]	0.1837	0.1699	0.2452	-0.2590	0.6793	0.7601	0.2399	*
wA[13, 4]	0.1225	0.1216	0.2365	-0.3411	0.5901	0.6975	0.3025	
wA[14, 4]	-0.0181	-0.0196	0.2110	-0.4324	0.4023	0.4601	0.5399	
wA[15, 4]	-0.2205	-0.2084	0.2428	-0.7086	0.2237	0.1848	0.8152	*
wA[16, 4]	0.2977	0.2887	0.2307	-0.1332	0.7664	0.9088	0.0912	*
wA[17, 4]	-0.0229	-0.0132	0.2208	-0.4750	0.3899	0.4758	0.5242	
wA[18, 4]	0.1843	0.1804	0.2201	-0.2462	0.6270	0.8075	0.1925	*
wA[19, 4]	0.1460	0.1479	0.2087	-0.2721	0.5555	0.7636	0.2364	*
wA[20, 4]	-0.0647	-0.0646	0.2057	-0.4763	0.3434	0.3701	0.6299	
wA[21, 4]	0.1911	0.1870	0.2173	-0.2320	0.6261	0.8147	0.1853	*
wA[22, 4]	0.0928	0.0884	0.2114	-0.3203	0.5211	0.6709	0.3291	
wA[23, 4]	0.2991	0.2848	0.2470	-0.1508	0.8032	0.8960	0.1040	*
wA[24, 4]	0.0354	0.0276	0.2143	-0.3725	0.4706	0.5548	0.4452	
wA[25, 4]	-0.0011	0.0005	0.3465	-0.7072	0.6979	0.5008	0.4992	
wA[26, 4]	0.0574	0.0561	0.2066	-0.3536	0.4701	0.6114	0.3886	
wA[27, 4]	-0.0150	-0.0141	0.2055	-0.4268	0.3938	0.4713	0.5287	
wA[28, 4]	0.3454	0.3128	0.3415	-0.2151	1.0123	0.8265	0.1735	*
wA[29, 4]	0.2989	0.2854	0.2492	-0.1542	0.8074	0.8908	0.1092	*
wA[30, 4]	0.1219	0.1179	0.2105	-0.2905	0.5489	0.7253	0.2747	*
wA[31, 4]	0.0381	0.0451	0.2144	-0.3972	0.4510	0.5837	0.4163	
wA[32, 4]	-0.0889	-0.0676	0.3337	-0.8067	0.5301	0.4092	0.5908	
wA[33, 4]	-0.0367	-0.0505	0.2861	-0.5537	0.5250	0.4360	0.5640	
wA[34, 4]	0.0930	0.0740	0.2505	-0.3510	0.6120	0.6151	0.3849	
wA[35, 4]	0.0938	0.0911	0.2151	-0.3339	0.5264	0.6753	0.3247	
wA[36, 4]	0.2069	0.2017	0.2549	-0.2794	0.7186	0.7900	0.2100	*
wA[37, 4]	0.1214	0.1053	0.2493	-0.3257	0.6300	0.6623	0.3377	
wA[38, 4]	0.0704	0.0695	0.2237	-0.3720	0.5146	0.6253	0.3747	
wA[39, 4]	0.0524	0.0519	0.2033	-0.3536	0.4597	0.6073	0.3927	
wA[40, 4]	0.1115	0.0980	0.2466	-0.3363	0.6048	0.6484	0.3516	
wA[41, 4]	0.2214	0.2208	0.2180	-0.2090	0.6550	0.8500	0.1500	*
wA[42, 4]	0.1046	0.1008	0.2275	-0.3419	0.5691	0.6823	0.3177	
wA[43, 4]	0.3063	0.2625	0.4013	-0.3408	1.1039	0.7375	0.2625	*
wA[44, 4]	0.0559	0.0523	0.2119	-0.3563	0.4829	0.5998	0.4002	
wA[45, 4]	0.3248	0.3085	0.2605	-0.1422	0.8520	0.9013	0.0987	*

wA[46, 4]	0.2883	0.2806	0.2246	-0.1362	0.7382	0.9060	0.0940	*
wA[47, 4]	0.0015	0.0011	0.3449	-0.6942	0.6919	0.5014	0.4986	
wA[48, 4]	0.0674	0.0629	0.2077	-0.3365	0.4849	0.6244	0.3756	
wA[49, 4]	-0.0751	-0.0885	0.2416	-0.5173	0.4216	0.3634	0.6366	
wA[50, 4]	-0.1787	-0.1723	0.2178	-0.6179	0.2399	0.2013	0.7987	*
wA[1, 5]	-0.2446	-0.2418	0.2175	-0.6826	0.1788	0.1245	0.8755	*
wA[2, 5]	-0.1471	-0.1378	0.2219	-0.5994	0.2717	0.2551	0.7449	*
wA[3, 5]	-0.0938	-0.0822	0.3260	-0.7771	0.5325	0.3909	0.6091	
wA[4, 5]	-0.0655	-0.0609	0.3080	-0.6945	0.5395	0.4146	0.5854	
wA[5, 5]	-0.0098	0.0001	0.2418	-0.5083	0.4495	0.5003	0.4997	
wA[6, 5]	-0.3697	-0.3596	0.2360	-0.8479	0.0696	0.0515	0.9485	*
wA[7, 5]	0.1239	0.1243	0.2077	-0.2923	0.5400	0.7347	0.2653	*
wA[8, 5]	0.3015	0.3028	0.2222	-0.1389	0.7384	0.9144	0.0856	*
wA[9, 5]	0.2133	0.2069	0.2225	-0.2128	0.6651	0.8369	0.1631	*
wA[10, 5]	-0.0237	-0.0245	0.2324	-0.4800	0.4361	0.4583	0.5417	
wA[11, 5]	0.1444	0.1437	0.2149	-0.2838	0.5723	0.7592	0.2408	*
wA[12, 5]	0.1846	0.1724	0.2289	-0.2426	0.6579	0.7943	0.2057	*
wA[13, 5]	0.0018	-0.0001	0.3483	-0.7011	0.7076	0.4999	0.5001	
wA[14, 5]	-0.2575	-0.2609	0.2191	-0.6803	0.1812	0.1191	0.8809	*
wA[15, 5]	0.0405	0.0473	0.2158	-0.4014	0.4594	0.5902	0.4098	
wA[16, 5]	-0.0351	-0.0216	0.2325	-0.5184	0.3961	0.4608	0.5392	
wA[17, 5]	-0.0725	-0.0616	0.2357	-0.5492	0.3631	0.3988	0.6012	
wA[18, 5]	0.0914	0.1008	0.2433	-0.4121	0.5451	0.6625	0.3375	
wA[19, 5]	0.1092	0.1168	0.2370	-0.3637	0.5549	0.6809	0.3191	
wA[20, 5]	0.2493	0.2465	0.2138	-0.1719	0.6769	0.8834	0.1166	*
wA[21, 5]	0.1780	0.1852	0.2257	-0.2812	0.6087	0.7903	0.2097	*
wA[22, 5]	0.1858	0.1854	0.2153	-0.2413	0.6164	0.8124	0.1876	*
wA[23, 5]	0.2216	0.2247	0.2253	-0.2281	0.6589	0.8399	0.1601	*
wA[24, 5]	0.4166	0.4145	0.2287	-0.0317	0.8704	0.9662	0.0338	*
wA[25, 5]	-0.0001	0.0003	0.3452	-0.6948	0.6984	0.5004	0.4996	
wA[26, 5]	0.4173	0.4226	0.2247	-0.0397	0.8470	0.9645	0.0355	*
wA[27, 5]	0.3134	0.3152	0.2219	-0.1328	0.7499	0.9213	0.0787	*
wA[28, 5]	0.4765	0.4604	0.2849	-0.0309	1.0387	0.9656	0.0344	*
wA[29, 5]	0.2636	0.2641	0.2178	-0.1691	0.6912	0.8905	0.1095	*
wA[30, 5]	0.1911	0.1924	0.2207	-0.2459	0.6243	0.8106	0.1894	*
wA[31, 5]	-0.1905	-0.1753	0.2418	-0.6881	0.2515	0.2205	0.7795	*
wA[32, 5]	0.1370	0.1511	0.2476	-0.3837	0.5997	0.7289	0.2711	*
wA[33, 5]	0.6828	0.6421	0.3925	0.0395	1.4578	0.9837	0.0163	*
wA[34, 5]	0.2672	0.2527	0.2495	-0.1843	0.7740	0.8595	0.1405	*
wA[35, 5]	0.2379	0.2446	0.2378	-0.2468	0.6923	0.8443	0.1557	*
wA[36, 5]	0.0009	0.0018	0.3449	-0.6992	0.7004	0.5022	0.4978	
wA[37, 5]	0.1181	0.1042	0.2384	-0.3187	0.6061	0.6722	0.3278	
wA[38, 5]	0.1426	0.1434	0.3166	-0.4965	0.7738	0.6888	0.3112	
wA[39, 5]	-0.1095	-0.1051	0.2105	-0.5330	0.3032	0.2984	0.7016	*
wA[40, 5]	0.2651	0.2488	0.2503	-0.1895	0.7754	0.8595	0.1405	*
wA[41, 5]	0.1872	0.1937	0.2350	-0.2878	0.6275	0.7870	0.2130	*
wA[42, 5]	0.1820	0.1858	0.2187	-0.2580	0.6102	0.8024	0.1976	*
wA[43, 5]	0.5528	0.5095	0.3819	-0.0627	1.3234	0.9519	0.0481	*
wA[44, 5]	0.1088	0.1094	0.2349	-0.3539	0.5696	0.6798	0.3202	
wA[45, 5]	0.4940	0.5013	0.2360	0.0123	0.9398	0.9775	0.0225	*

wA[46, 5]	0.0543	0.0604	0.2174	-0.3904	0.4673	0.6107	0.3893	
wA[47, 5]	-0.0004	-0.0003	0.3473	-0.7017	0.7020	0.4994	0.5006	
wA[48, 5]	0.3028	0.3028	0.2152	-0.1224	0.7293	0.9224	0.0776	*
wA[49, 5]	0.5728	0.5455	0.3152	0.0344	1.2042	0.9829	0.0171	*
wA[50, 5]	0.1086	0.1065	0.2065	-0.2965	0.5233	0.7065	0.2935	*
wA[1, 6]	0.3761	0.3626	0.2532	-0.0840	0.8876	0.9413	0.0587	*
wA[2, 6]	0.1270	0.1272	0.2171	-0.3023	0.5597	0.7298	0.2702	*
wA[3, 6]	0.0018	0.0041	0.3279	-0.6678	0.6682	0.5052	0.4948	
wA[4, 6]	-0.1068	-0.1026	0.2384	-0.5987	0.3579	0.3199	0.6801	
wA[5, 6]	-0.1233	-0.1059	0.2538	-0.6592	0.3411	0.3254	0.6746	
wA[6, 6]	0.2845	0.2759	0.2334	-0.1474	0.7556	0.8942	0.1058	*
wA[7, 6]	-0.1238	-0.1153	0.2224	-0.5758	0.2949	0.2946	0.7054	*
wA[8, 6]	-0.5664	-0.5472	0.2905	-1.1459	-0.0501	0.0141	0.9859	*
wA[9, 6]	-0.1915	-0.1823	0.2250	-0.6513	0.2349	0.1940	0.8060	*
wA[10, 6]	0.0011	0.0007	0.3458	-0.6931	0.7035	0.5011	0.4989	
wA[11, 6]	-0.2125	-0.2060	0.2229	-0.6571	0.2132	0.1693	0.8307	*
wA[12, 6]	-0.1242	-0.1220	0.2147	-0.5536	0.2995	0.2758	0.7242	*
wA[13, 6]	-0.0001	0.0003	0.3469	-0.7017	0.7051	0.5003	0.4997	
wA[14, 6]	0.1409	0.1169	0.3134	-0.3967	0.7579	0.6337	0.3663	
wA[15, 6]	-0.4407	-0.4368	0.2397	-0.9168	0.0188	0.0303	0.9697	*
wA[16, 6]	-0.4395	-0.4339	0.2464	-0.9277	0.0308	0.0333	0.9667	*
wA[17, 6]	-0.5225	-0.5161	0.2610	-1.0336	-0.0271	0.0189	0.9811	*
wA[18, 6]	-0.3677	-0.3541	0.2986	-0.9701	0.1736	0.1052	0.8948	*
wA[19, 6]	-0.5193	-0.4986	0.3370	-1.1746	0.0802	0.0511	0.9489	*
wA[20, 6]	-0.4070	-0.3977	0.2501	-0.9046	0.0571	0.0443	0.9557	*
wA[21, 6]	-0.5900	-0.5649	0.3114	-1.2088	-0.0480	0.0148	0.9852	*
wA[22, 6]	-0.2656	-0.2483	0.2535	-0.7956	0.1874	0.1429	0.8571	*
wA[23, 6]	-0.3209	-0.2950	0.2886	-0.9163	0.1765	0.1272	0.8728	*
wA[24, 6]	-0.6343	-0.6187	0.2954	-1.2076	-0.1078	0.0071	0.9929	*
wA[25, 6]	0.0009	0.0013	0.3460	-0.7010	0.6971	0.5016	0.4984	
wA[26, 6]	-0.6845	-0.6489	0.3668	-1.4059	-0.0738	0.0106	0.9894	*
wA[27, 6]	-0.4827	-0.4691	0.3226	-1.1044	0.1002	0.0596	0.9404	*
wA[28, 6]	-0.2188	-0.2133	0.2290	-0.6789	0.2223	0.1654	0.8346	*
wA[29, 6]	-0.3115	-0.2869	0.2808	-0.8758	0.1739	0.1312	0.8688	*
wA[30, 6]	-0.5495	-0.5269	0.3050	-1.1921	-0.0059	0.0237	0.9763	*
wA[31, 6]	-0.2620	-0.2614	0.2201	-0.6977	0.1718	0.1136	0.8864	*
wA[32, 6]	-0.7465	-0.7325	0.3124	-1.3610	-0.1741	0.0037	0.9963	*
wA[33, 6]	-0.0123	-0.0098	0.2342	-0.4777	0.4484	0.4834	0.5166	
wA[34, 6]	-0.0703	-0.0738	0.2146	-0.4886	0.3663	0.3605	0.6395	
wA[35, 6]	-0.5115	-0.4788	0.3251	-1.1801	0.0302	0.0353	0.9647	*
wA[36, 6]	-0.0010	-0.0014	0.3450	-0.7002	0.6967	0.4983	0.5017	
wA[37, 6]	-0.2070	-0.2133	0.2316	-0.6447	0.2585	0.1850	0.8150	*
wA[38, 6]	-0.3171	-0.3030	0.2935	-0.9165	0.2157	0.1378	0.8622	*
wA[39, 6]	0.1399	0.1373	0.2070	-0.2658	0.5552	0.7568	0.2432	*
wA[40, 6]	-0.2432	-0.2441	0.2208	-0.6780	0.1933	0.1322	0.8678	*
wA[41, 6]	-0.5316	-0.5014	0.3337	-1.1934	0.0279	0.0343	0.9657	*
wA[42, 6]	-0.4193	-0.4001	0.2832	-0.9853	0.0778	0.0561	0.9439	*
wA[43, 6]	0.1931	0.1855	0.2586	-0.2968	0.7127	0.7703	0.2297	*
wA[44, 6]	0.0043	0.0048	0.3457	-0.6922	0.7074	0.5058	0.4942	
wA[45, 6]	-0.7643	-0.7210	0.4076	-1.5628	-0.1014	0.0072	0.9928	*

wA[46, 6]	-0.3732	-0.3612	0.2518	-0.8727	0.0898	0.0600	0.9400	*
wA[47, 6]	0.0001	-0.0011	0.3471	-0.6994	0.7035	0.4987	0.5013	
wA[48, 6]	-0.5007	-0.4872	0.2674	-1.0345	-0.0166	0.0206	0.9794	*
wA[49, 6]	-0.3565	-0.3488	0.2287	-0.8275	0.0715	0.0511	0.9489	*
wA[50, 6]	-0.2178	-0.2126	0.2158	-0.6509	0.2019	0.1496	0.8504	*
wA[1, 7]	-0.1446	-0.1433	0.2375	-0.6139	0.3166	0.2711	0.7289	*
wA[2, 7]	-0.2247	-0.2208	0.2573	-0.7306	0.2682	0.1955	0.8045	*
wA[3, 7]	-0.0300	-0.0288	0.2792	-0.5879	0.5226	0.4568	0.5432	
wA[4, 7]	0.1159	0.1125	0.2431	-0.3550	0.5992	0.6822	0.3178	
wA[5, 7]	-0.1054	-0.1033	0.2420	-0.5854	0.3658	0.3311	0.6689	
wA[6, 7]	-0.0756	-0.0751	0.2356	-0.5392	0.3901	0.3712	0.6288	
wA[7, 7]	-0.0892	-0.0889	0.2312	-0.5457	0.3651	0.3486	0.6514	
wA[8, 7]	0.2585	0.2512	0.2649	-0.2391	0.7897	0.8349	0.1651	*
wA[9, 7]	0.0804	0.0791	0.2438	-0.3947	0.5654	0.6294	0.3706	
wA[10, 7]	-0.0012	-0.0009	0.3459	-0.7039	0.6965	0.4986	0.5014	
wA[11, 7]	0.0514	0.0515	0.2316	-0.4064	0.5115	0.5908	0.4092	
wA[12, 7]	0.1544	0.1486	0.2561	-0.3350	0.6681	0.7252	0.2748	*
wA[13, 7]	0.0023	0.0023	0.3440	-0.6933	0.6962	0.5029	0.4971	
wA[14, 7]	0.5795	0.5633	0.3557	-0.0526	1.2553	0.9597	0.0403	*
wA[15, 7]	0.3773	0.3726	0.2844	-0.1522	0.9223	0.9077	0.0923	*
wA[16, 7]	0.3402	0.3358	0.2763	-0.1812	0.8760	0.8889	0.1111	*
wA[17, 7]	0.3947	0.3849	0.2918	-0.1418	0.9600	0.9149	0.0851	*
wA[18, 7]	-0.0001	-0.0016	0.3446	-0.6952	0.6986	0.4982	0.5018	
wA[19, 7]	0.0077	0.0069	0.3459	-0.6928	0.7121	0.5090	0.4910	
wA[20, 7]	0.2262	0.2181	0.2615	-0.2635	0.7534	0.8049	0.1951	*
wA[21, 7]	0.1964	0.1936	0.2467	-0.2772	0.6879	0.7848	0.2152	*
wA[22, 7]	0.0041	0.0044	0.2400	-0.4700	0.4778	0.5073	0.4927	
wA[23, 7]	-0.1062	-0.1041	0.2429	-0.5874	0.3653	0.3318	0.6682	
wA[24, 7]	0.3186	0.3112	0.2734	-0.1898	0.8562	0.8770	0.1230	*
wA[25, 7]	0.0014	0.0018	0.3432	-0.6940	0.6937	0.5023	0.4977	
wA[26, 7]	0.0769	0.0763	0.2389	-0.3906	0.5522	0.6273	0.3727	
wA[27, 7]	-0.0009	-0.0020	0.3445	-0.6937	0.6957	0.4972	0.5028	
wA[28, 7]	0.1443	0.1388	0.2552	-0.3468	0.6570	0.7122	0.2878	*
wA[29, 7]	-0.1218	-0.1181	0.2510	-0.6214	0.3626	0.3134	0.6866	
wA[30, 7]	0.3301	0.3172	0.2858	-0.1894	0.9063	0.8783	0.1217	*
wA[31, 7]	0.2524	0.2494	0.2546	-0.2307	0.7446	0.8351	0.1649	*
wA[32, 7]	0.4804	0.4640	0.3255	-0.1044	1.1216	0.9392	0.0608	*
wA[33, 7]	0.0013	0.0017	0.3475	-0.7005	0.7020	0.5022	0.4978	
wA[34, 7]	0.1795	0.1775	0.2442	-0.2941	0.6615	0.7684	0.2316	*
wA[35, 7]	0.0086	0.0089	0.2452	-0.4755	0.4933	0.5144	0.4856	
wA[36, 7]	-0.0010	0.0012	0.3460	-0.7063	0.6939	0.5014	0.4986	
wA[37, 7]	0.6087	0.5893	0.3617	-0.0300	1.2885	0.9672	0.0328	*
wA[38, 7]	-0.0050	-0.0055	0.3427	-0.6971	0.6851	0.4927	0.5073	
wA[39, 7]	-0.1387	-0.1387	0.2381	-0.6071	0.3326	0.2798	0.7202	*
wA[40, 7]	0.3794	0.3684	0.2971	-0.1633	0.9693	0.9010	0.0990	*
wA[41, 7]	-0.0316	-0.0312	0.2408	-0.5082	0.4424	0.4471	0.5529	
wA[42, 7]	0.0365	0.0345	0.2375	-0.4280	0.5080	0.5600	0.4400	
wA[43, 7]	-0.0027	-0.0030	0.3438	-0.6987	0.6927	0.4960	0.5040	
wA[44, 7]	-0.0006	0.0011	0.3461	-0.6994	0.6982	0.5015	0.4985	
wA[45, 7]	0.0480	0.0460	0.2381	-0.4167	0.5241	0.5803	0.4197	

wA[46, 7]	0.1134	0.1108	0.2421	-0.3573	0.5974	0.6792	0.3208	
wA[47, 7]	0.0008	0.0003	0.3443	-0.6942	0.6969	0.5003	0.4997	
wA[48, 7]	0.2592	0.2532	0.2591	-0.2314	0.7733	0.8407	0.1593	*
wA[49, 7]	0.3252	0.3152	0.2810	-0.1951	0.8860	0.8766	0.1234	*
wA[50, 7]	0.1788	0.1756	0.2474	-0.2982	0.6731	0.7614	0.2386	*
sigma.wD	0.7010	0.6521	0.3600	0.1420	1.5040	1.0000	0.0000	*
wD[1, 1]	0.0027	0.0055	0.7809	-1.6461	1.6548	0.5048	0.4952	
wD[2, 1]	0.0001	-0.0002	0.7755	-1.6369	1.6415	0.4997	0.5003	
wD[3, 1]	-0.0040	-0.0003	0.7844	-1.6932	1.6609	0.4995	0.5005	
wD[4, 1]	-0.0024	0.0048	0.7797	-1.6683	1.6214	0.5030	0.4970	
wD[5, 1]	0.0018	0.0034	0.7890	-1.6572	1.6650	0.5030	0.4970	
wD[6, 1]	0.0044	0.0052	0.7855	-1.6431	1.6696	0.5039	0.4961	
wD[7, 1]	-0.0095	-0.0056	0.7881	-1.6822	1.6568	0.4952	0.5048	
wD[8, 1]	-0.0107	-0.0031	0.7848	-1.6889	1.6334	0.4972	0.5028	
wD[9, 1]	-0.0047	-0.0045	0.7919	-1.6797	1.6709	0.4964	0.5036	
wD[10, 1]	-0.0029	0.0018	0.7923	-1.6874	1.6635	0.5015	0.4985	
wD[11, 1]	-0.0047	-0.0020	0.7748	-1.6564	1.6315	0.4986	0.5014	
wD[12, 1]	0.0078	0.0007	0.7796	-1.6319	1.6619	0.5004	0.4996	
wD[13, 1]	0.0032	0.0012	0.7844	-1.6553	1.6474	0.5012	0.4988	
wD[14, 1]	0.0030	0.0049	0.7945	-1.6939	1.6705	0.5036	0.4964	
wD[15, 1]	-0.0019	0.0032	0.7852	-1.6840	1.6360	0.5021	0.4979	
wD[16, 1]	-0.0021	-0.0066	0.7908	-1.6625	1.6753	0.4942	0.5058	
wD[17, 1]	0.0003	0.0025	0.7829	-1.6518	1.6562	0.5020	0.4980	
wD[18, 1]	-0.0099	0.0000	0.7874	-1.6721	1.6284	0.5000	0.5000	
wD[19, 1]	-0.0007	-0.0036	0.7789	-1.6473	1.6541	0.4968	0.5032	
wD[20, 1]	0.0021	-0.0008	0.7837	-1.6396	1.6602	0.4995	0.5005	
wD[21, 1]	0.0023	0.0015	0.7880	-1.6517	1.6774	0.5018	0.4982	
wD[22, 1]	0.0032	-0.0025	0.7935	-1.6621	1.6784	0.4979	0.5021	
wD[23, 1]	-0.0003	-0.0023	0.7883	-1.6790	1.6558	0.4980	0.5020	
wD[24, 1]	-0.0039	0.0009	0.7851	-1.6908	1.6620	0.5006	0.4994	
wD[25, 1]	0.0040	0.0015	0.7872	-1.6407	1.6651	0.5014	0.4986	
wD[26, 1]	-0.0044	-0.0039	0.7824	-1.6644	1.6632	0.4972	0.5028	
wD[27, 1]	0.0108	0.0105	0.7978	-1.6633	1.7078	0.5082	0.4918	
wD[28, 1]	-0.0083	-0.0076	0.7884	-1.6981	1.6553	0.4937	0.5063	
wD[29, 1]	-0.0005	0.0045	0.7828	-1.6713	1.6542	0.5038	0.4962	
wD[30, 1]	-0.0030	-0.0003	0.7865	-1.6771	1.6693	0.4998	0.5002	
wD[31, 1]	-0.0074	-0.0025	0.7910	-1.7035	1.6704	0.4983	0.5017	
wD[32, 1]	0.0011	0.0000	0.7821	-1.6664	1.6557	0.5000	0.5000	
wD[33, 1]	0.0059	-0.0005	0.7913	-1.6609	1.6902	0.4997	0.5003	
wD[34, 1]	-0.0020	-0.0020	0.7912	-1.6732	1.6692	0.4973	0.5027	
wD[35, 1]	0.0038	-0.0008	0.7803	-1.6462	1.6674	0.4992	0.5008	
wD[36, 1]	0.0007	0.0005	0.7923	-1.6833	1.6744	0.5003	0.4997	
wD[37, 1]	-0.0075	-0.0027	0.7857	-1.6845	1.6416	0.4984	0.5016	
wD[38, 1]	0.0041	0.0040	0.7850	-1.6770	1.6512	0.5043	0.4957	
wD[39, 1]	-0.0005	-0.0036	0.7918	-1.6697	1.6816	0.4973	0.5027	
wD[40, 1]	0.0005	-0.0007	0.7914	-1.6773	1.6788	0.4996	0.5004	
wD[41, 1]	0.0039	0.0031	0.7963	-1.6861	1.6930	0.5022	0.4978	
wD[42, 1]	-0.0054	0.0009	0.7884	-1.6913	1.6669	0.5006	0.4994	
wD[43, 1]	0.0025	0.0058	0.7852	-1.6802	1.6424	0.5048	0.4952	
wD[44, 1]	0.0049	0.0035	0.7862	-1.6506	1.6685	0.5030	0.4970	

wD[45, 1]	-0.0017	-0.0062	0.7869	-1.6686	1.6654	0.4941	0.5059
wD[46, 1]	0.0011	0.0013	0.7942	-1.6486	1.6688	0.5012	0.4988
wD[47, 1]	0.0025	0.0001	0.7873	-1.6584	1.6691	0.5000	0.5000
wD[48, 1]	0.0048	0.0016	0.7945	-1.6753	1.6789	0.5015	0.4985
wD[49, 1]	0.0043	0.0036	0.7865	-1.6805	1.6565	0.5043	0.4957
wD[50, 1]	0.0018	-0.0009	0.7878	-1.6667	1.6775	0.4993	0.5007
wD[1, 2]	-0.0003	0.0032	0.7799	-1.6507	1.6606	0.5026	0.4974
wD[2, 2]	0.0167	0.0121	0.7719	-1.5999	1.6782	0.5098	0.4902
wD[3, 2]	0.0244	0.0154	0.7878	-1.6179	1.7317	0.5123	0.4877
wD[4, 2]	0.0234	0.0129	0.7838	-1.6229	1.7056	0.5110	0.4890
wD[5, 2]	0.0059	-0.0024	0.7919	-1.6587	1.7035	0.4982	0.5018
wD[6, 2]	0.0175	0.0092	0.7814	-1.6007	1.7088	0.5078	0.4922
wD[7, 2]	0.0009	0.0003	0.7751	-1.6384	1.6314	0.5003	0.4997
wD[8, 2]	0.0098	0.0055	0.7798	-1.6450	1.6826	0.5054	0.4946
wD[9, 2]	-0.0058	0.0014	0.7830	-1.6674	1.6371	0.5015	0.4985
wD[10, 2]	0.0112	0.0021	0.7818	-1.6378	1.6804	0.5016	0.4984
wD[11, 2]	0.0100	0.0108	0.7847	-1.6605	1.6787	0.5080	0.4920
wD[12, 2]	0.0191	0.0079	0.7774	-1.6178	1.6775	0.5066	0.4934
wD[13, 2]	0.0089	0.0070	0.7861	-1.6663	1.6703	0.5051	0.4949
wD[14, 2]	0.0028	0.0002	0.7820	-1.6522	1.6584	0.5002	0.4998
wD[15, 2]	-0.0041	-0.0009	0.7819	-1.6688	1.6614	0.4993	0.5007
wD[16, 2]	0.0090	-0.0028	0.7866	-1.6223	1.7029	0.4981	0.5019
wD[17, 2]	0.0129	0.0108	0.7850	-1.6551	1.6794	0.5085	0.4915
wD[18, 2]	0.0364	0.0206	0.7628	-1.5475	1.6894	0.5174	0.4826
wD[19, 2]	0.0184	0.0115	0.7793	-1.6044	1.6932	0.5096	0.4904
wD[20, 2]	-0.0038	-0.0016	0.7872	-1.6716	1.6546	0.4990	0.5010
wD[21, 2]	0.0064	-0.0022	0.7913	-1.6469	1.7181	0.4982	0.5018
wD[22, 2]	0.0019	0.0018	0.7908	-1.6793	1.6706	0.5011	0.4989
wD[23, 2]	0.0162	0.0081	0.7841	-1.6415	1.6929	0.5066	0.4934
wD[24, 2]	0.0050	0.0014	0.7926	-1.6728	1.6891	0.5013	0.4987
wD[25, 2]	0.0046	0.0016	0.7885	-1.6474	1.6927	0.5014	0.4986
wD[26, 2]	0.0088	0.0034	0.7783	-1.5994	1.6476	0.5026	0.4974
wD[27, 2]	0.0012	0.0022	0.7913	-1.6852	1.7030	0.5021	0.4979
wD[28, 2]	-0.0019	-0.0029	0.7803	-1.6540	1.6590	0.4976	0.5024
wD[29, 2]	0.0143	0.0059	0.7865	-1.6488	1.6937	0.5040	0.4960
wD[30, 2]	0.0243	0.0121	0.7660	-1.5668	1.6774	0.5096	0.4904
wD[31, 2]	0.0136	0.0071	0.7828	-1.6252	1.6761	0.5054	0.4946
wD[32, 2]	0.0100	0.0103	0.7683	-1.6180	1.6250	0.5085	0.4915
wD[33, 2]	0.0085	0.0040	0.7867	-1.6545	1.6763	0.5032	0.4968
wD[34, 2]	0.0288	0.0149	0.7765	-1.6079	1.6980	0.5128	0.4872
wD[35, 2]	0.0060	0.0034	0.7883	-1.6494	1.6862	0.5029	0.4971
wD[36, 2]	0.0095	0.0078	0.7790	-1.6259	1.6658	0.5070	0.4930
wD[37, 2]	0.0011	-0.0009	0.7800	-1.6505	1.6537	0.4996	0.5004
wD[38, 2]	0.0125	0.0107	0.7874	-1.6359	1.6822	0.5081	0.4919
wD[39, 2]	0.0057	0.0055	0.7821	-1.6485	1.6664	0.5047	0.4953
wD[40, 2]	0.0192	0.0080	0.7814	-1.6195	1.7218	0.5060	0.4940
wD[41, 2]	0.0040	0.0025	0.7806	-1.6376	1.6644	0.5022	0.4978
wD[42, 2]	0.0026	0.0038	0.7816	-1.6304	1.6635	0.5035	0.4965
wD[43, 2]	0.0033	-0.0008	0.7829	-1.6470	1.6550	0.4995	0.5005
wD[44, 2]	0.0095	0.0036	0.7813	-1.6202	1.6709	0.5026	0.4974

wD[45, 2]	0.0052	0.0042	0.7754	-1.6397	1.6523	0.5037	0.4963
wD[46, 2]	0.0186	0.0109	0.7884	-1.6355	1.6921	0.5086	0.4914
wD[47, 2]	0.0012	0.0008	0.7882	-1.6810	1.6630	0.5007	0.4993
wD[48, 2]	0.0085	0.0038	0.7800	-1.6478	1.6851	0.5028	0.4972
wD[49, 2]	0.0029	0.0049	0.7828	-1.6828	1.6534	0.5038	0.4962
wD[50, 2]	-0.0024	-0.0035	0.7796	-1.6534	1.6305	0.4972	0.5028
wD[1, 3]	0.0100	-0.0003	0.7882	-1.6342	1.6846	0.4997	0.5003
wD[2, 3]	0.0065	0.0036	0.7926	-1.6766	1.6981	0.5033	0.4967
wD[3, 3]	0.0011	0.0007	0.7841	-1.6631	1.6611	0.5005	0.4995
wD[4, 3]	0.0019	-0.0006	0.7801	-1.6419	1.6693	0.4995	0.5005
wD[5, 3]	0.0119	0.0055	0.7873	-1.6418	1.7268	0.5046	0.4954
wD[6, 3]	0.0027	0.0010	0.7884	-1.6574	1.6838	0.5008	0.4992
wD[7, 3]	0.0086	0.0001	0.7887	-1.6558	1.7056	0.5001	0.4999
wD[8, 3]	-0.0022	0.0047	0.7895	-1.6834	1.6696	0.5038	0.4962
wD[9, 3]	-0.0009	-0.0030	0.7781	-1.6657	1.6358	0.4973	0.5027
wD[10, 3]	0.0041	-0.0019	0.7885	-1.6576	1.6851	0.4981	0.5019
wD[11, 3]	-0.0033	0.0024	0.7931	-1.6870	1.6555	0.5021	0.4979
wD[12, 3]	0.0012	-0.0020	0.7864	-1.6739	1.6572	0.4986	0.5014
wD[13, 3]	0.0042	-0.0004	0.7838	-1.6550	1.6485	0.4996	0.5004
wD[14, 3]	0.0076	0.0013	0.7820	-1.6573	1.6682	0.5021	0.4979
wD[15, 3]	-0.0028	0.0028	0.7906	-1.6620	1.6470	0.5022	0.4978
wD[16, 3]	-0.0015	-0.0001	0.7792	-1.6266	1.6487	0.4998	0.5002
wD[17, 3]	-0.0030	0.0001	0.7906	-1.6819	1.6511	0.5001	0.4999
wD[18, 3]	0.0100	0.0074	0.7854	-1.6379	1.6772	0.5061	0.4939
wD[19, 3]	-0.0057	-0.0051	0.7951	-1.6971	1.6668	0.4954	0.5046
wD[20, 3]	0.0030	0.0025	0.7854	-1.6489	1.6759	0.5020	0.4980
wD[21, 3]	0.0033	0.0006	0.7902	-1.6550	1.6795	0.5003	0.4997
wD[22, 3]	-0.0010	0.0038	0.7893	-1.6864	1.6576	0.5028	0.4972
wD[23, 3]	-0.0056	0.0002	0.7923	-1.6862	1.6350	0.5001	0.4999
wD[24, 3]	0.0008	-0.0032	0.7871	-1.6503	1.6793	0.4976	0.5024
wD[25, 3]	0.0008	0.0000	0.7846	-1.6479	1.6665	0.5000	0.5000
wD[26, 3]	0.0001	0.0014	0.7912	-1.6968	1.6520	0.5010	0.4990
wD[27, 3]	0.0031	0.0085	0.7921	-1.6736	1.6803	0.5067	0.4933
wD[28, 3]	0.0117	0.0044	0.7914	-1.6361	1.7220	0.5040	0.4960
wD[29, 3]	0.0030	0.0024	0.7865	-1.6592	1.6756	0.5023	0.4977
wD[30, 3]	0.0060	0.0034	0.7877	-1.6544	1.6812	0.5031	0.4969
wD[31, 3]	-0.0006	0.0033	0.7835	-1.6734	1.6402	0.5031	0.4969
wD[32, 3]	-0.0021	0.0008	0.7950	-1.6857	1.6843	0.5007	0.4993
wD[33, 3]	-0.0038	-0.0022	0.7951	-1.7074	1.6689	0.4980	0.5020
wD[34, 3]	0.0042	0.0034	0.7917	-1.6778	1.6621	0.5034	0.4966
wD[35, 3]	0.0018	0.0019	0.7871	-1.6767	1.6806	0.5012	0.4988
wD[36, 3]	0.0003	-0.0026	0.7861	-1.6545	1.6508	0.4977	0.5023
wD[37, 3]	0.0035	0.0010	0.7843	-1.6448	1.6650	0.5010	0.4990
wD[38, 3]	-0.0019	-0.0038	0.7906	-1.6588	1.6774	0.4961	0.5039
wD[39, 3]	-0.0032	-0.0001	0.7843	-1.6788	1.6521	0.4999	0.5001
wD[40, 3]	0.0023	-0.0002	0.7896	-1.6623	1.6639	0.4998	0.5002
wD[41, 3]	0.0034	-0.0013	0.7963	-1.6654	1.6903	0.4989	0.5011
wD[42, 3]	-0.0039	-0.0034	0.7877	-1.6676	1.6516	0.4975	0.5025
wD[43, 3]	0.0015	0.0026	0.7858	-1.6472	1.6683	0.5021	0.4979
wD[44, 3]	0.0073	0.0050	0.7915	-1.6624	1.6950	0.5041	0.4959

wD[45, 3]	0.0003	0.0010	0.7811	-1.6584	1.6634	0.5007	0.4993
wD[46, 3]	0.0162	0.0065	0.7889	-1.6201	1.6948	0.5051	0.4949
wD[47, 3]	0.0016	0.0004	0.7900	-1.6609	1.6875	0.5003	0.4997
wD[48, 3]	0.0008	-0.0027	0.7865	-1.6541	1.6829	0.4978	0.5022
wD[49, 3]	-0.0054	-0.0044	0.7947	-1.6862	1.6775	0.4961	0.5039
wD[50, 3]	0.0100	0.0004	0.7856	-1.6326	1.6968	0.5003	0.4997
wD[1, 4]	0.0025	0.0003	0.7809	-1.6462	1.6523	0.5007	0.4993
wD[2, 4]	-0.0081	-0.0006	0.7885	-1.7103	1.6418	0.4995	0.5005
wD[3, 4]	-0.0018	0.0011	0.7899	-1.6609	1.6647	0.5008	0.4992
wD[4, 4]	0.0065	0.0042	0.7757	-1.6215	1.6545	0.5031	0.4969
wD[5, 4]	0.0105	0.0029	0.7853	-1.6275	1.6692	0.5022	0.4978
wD[6, 4]	0.0028	0.0017	0.7858	-1.6622	1.6785	0.5012	0.4988
wD[7, 4]	0.0036	-0.0024	0.7874	-1.6571	1.6876	0.4984	0.5016
wD[8, 4]	0.0019	-0.0017	0.7864	-1.6618	1.6912	0.4988	0.5012
wD[9, 4]	0.0047	0.0012	0.7885	-1.6651	1.6674	0.5012	0.4988
wD[10, 4]	0.0042	-0.0014	0.7814	-1.6260	1.6677	0.4990	0.5010
wD[11, 4]	0.0070	0.0041	0.7788	-1.6406	1.6734	0.5032	0.4968
wD[12, 4]	0.0038	0.0052	0.7849	-1.6705	1.6629	0.5048	0.4952
wD[13, 4]	-0.0068	-0.0023	0.7911	-1.7018	1.6413	0.4980	0.5020
wD[14, 4]	0.0016	-0.0003	0.7898	-1.6698	1.6720	0.4998	0.5002
wD[15, 4]	0.0044	0.0013	0.7847	-1.6457	1.6804	0.5011	0.4989
wD[16, 4]	-0.0059	-0.0058	0.7937	-1.6803	1.6721	0.4945	0.5055
wD[17, 4]	-0.0068	-0.0082	0.7903	-1.6825	1.6401	0.4925	0.5075
wD[18, 4]	0.0218	0.0120	0.7808	-1.5865	1.6965	0.5108	0.4892
wD[19, 4]	-0.0047	-0.0059	0.7908	-1.6951	1.6568	0.4948	0.5052
wD[20, 4]	0.0018	0.0018	0.7899	-1.6775	1.6777	0.5011	0.4989
wD[21, 4]	-0.0020	-0.0012	0.7822	-1.6605	1.6583	0.4990	0.5010
wD[22, 4]	-0.0027	0.0000	0.7902	-1.6824	1.6705	0.5001	0.4999
wD[23, 4]	0.0038	0.0016	0.7875	-1.6643	1.6631	0.5013	0.4987
wD[24, 4]	-0.0077	-0.0075	0.7776	-1.6645	1.6449	0.4932	0.5068
wD[25, 4]	-0.0006	-0.0015	0.7898	-1.6773	1.6697	0.4988	0.5012
wD[26, 4]	0.0037	0.0023	0.7825	-1.6499	1.6554	0.5018	0.4982
wD[27, 4]	0.0035	-0.0024	0.7914	-1.6532	1.7041	0.4980	0.5020
wD[28, 4]	-0.0066	-0.0028	0.7784	-1.6568	1.6359	0.4975	0.5025
wD[29, 4]	-0.0048	-0.0025	0.7869	-1.6618	1.6482	0.4980	0.5020
wD[30, 4]	0.0056	0.0070	0.7891	-1.6530	1.6583	0.5059	0.4941
wD[31, 4]	-0.0050	-0.0023	0.7885	-1.6950	1.6394	0.4984	0.5016
wD[32, 4]	-0.0061	0.0044	0.7849	-1.6862	1.6519	0.5035	0.4965
wD[33, 4]	-0.0006	0.0017	0.7903	-1.6494	1.6853	0.5012	0.4988
wD[34, 4]	0.0076	0.0065	0.7906	-1.6523	1.6742	0.5060	0.4940
wD[35, 4]	-0.0008	0.0018	0.7818	-1.6785	1.6592	0.5013	0.4987
wD[36, 4]	0.0113	0.0067	0.7927	-1.6590	1.6894	0.5056	0.4944
wD[37, 4]	-0.0030	-0.0052	0.7922	-1.6596	1.6639	0.4961	0.5039
wD[38, 4]	-0.0011	0.0001	0.7845	-1.6607	1.6512	0.5001	0.4999
wD[39, 4]	0.0018	0.0032	0.7853	-1.6612	1.6445	0.5028	0.4972
wD[40, 4]	-0.0004	-0.0002	0.7927	-1.6766	1.6724	0.4998	0.5002
wD[41, 4]	-0.0069	-0.0019	0.7891	-1.6936	1.6475	0.4982	0.5018
wD[42, 4]	-0.0061	-0.0010	0.7918	-1.6957	1.6591	0.4994	0.5006
wD[43, 4]	-0.0036	0.0000	0.7880	-1.6773	1.6715	0.5000	0.5000
wD[44, 4]	-0.0053	-0.0028	0.7885	-1.6815	1.6543	0.4976	0.5024

wD[45, 4]	-0.0054	-0.0043	0.7867	-1.6433	1.6616	0.4964	0.5036
wD[46, 4]	-0.0029	0.0001	0.7898	-1.6709	1.6786	0.5000	0.5000
wD[47, 4]	-0.0024	-0.0013	0.7917	-1.6858	1.6648	0.4991	0.5009
wD[48, 4]	0.0022	0.0011	0.7875	-1.6568	1.6660	0.5015	0.4985
wD[49, 4]	-0.0025	-0.0030	0.7831	-1.6631	1.6402	0.4974	0.5026
wD[50, 4]	-0.0008	-0.0025	0.7867	-1.6677	1.6674	0.4981	0.5019
wD[1, 5]	0.0022	0.0021	0.7926	-1.6544	1.6869	0.5012	0.4988
wD[2, 5]	-0.0025	-0.0011	0.7908	-1.6772	1.6773	0.4991	0.5009
wD[3, 5]	0.0043	0.0070	0.7751	-1.6258	1.6523	0.5054	0.4946
wD[4, 5]	-0.0018	-0.0044	0.7929	-1.6648	1.6768	0.4965	0.5035
wD[5, 5]	-0.0044	0.0019	0.7876	-1.6830	1.6373	0.5011	0.4989
wD[6, 5]	-0.0066	-0.0052	0.7897	-1.6855	1.6719	0.4957	0.5043
wD[7, 5]	0.0000	0.0002	0.7853	-1.6559	1.6635	0.5004	0.4996
wD[8, 5]	0.0009	0.0023	0.7913	-1.6769	1.6707	0.5015	0.4985
wD[9, 5]	-0.0007	-0.0034	0.7883	-1.6511	1.6775	0.4968	0.5032
wD[10, 5]	0.0071	0.0048	0.7917	-1.6629	1.6978	0.5037	0.4963
wD[11, 5]	0.0011	-0.0001	0.7911	-1.6668	1.6601	0.4998	0.5002
wD[12, 5]	-0.0012	-0.0016	0.7992	-1.6811	1.6956	0.4991	0.5009
wD[13, 5]	-0.0003	-0.0013	0.7923	-1.6732	1.6645	0.4989	0.5011
wD[14, 5]	-0.0005	-0.0042	0.7880	-1.6691	1.6948	0.4968	0.5032
wD[15, 5]	0.0010	0.0002	0.7869	-1.6606	1.6616	0.5003	0.4997
wD[16, 5]	0.0011	0.0039	0.7851	-1.6665	1.6539	0.5034	0.4966
wD[17, 5]	0.0017	0.0004	0.7923	-1.6730	1.6786	0.5007	0.4993
wD[18, 5]	0.0228	0.0151	0.7750	-1.6145	1.6962	0.5123	0.4877
wD[19, 5]	-0.0059	-0.0093	0.7835	-1.6699	1.6547	0.4931	0.5069
wD[20, 5]	-0.0058	-0.0056	0.7775	-1.6550	1.6496	0.4961	0.5039
wD[21, 5]	-0.0022	0.0040	0.7865	-1.6826	1.6618	0.5033	0.4967
wD[22, 5]	-0.0041	0.0004	0.7867	-1.6774	1.6310	0.5002	0.4998
wD[23, 5]	0.0038	0.0027	0.7881	-1.6490	1.6656	0.5020	0.4980
wD[24, 5]	0.0021	-0.0019	0.7927	-1.6632	1.6917	0.4983	0.5017
wD[25, 5]	-0.0036	-0.0032	0.7889	-1.6705	1.6596	0.4973	0.5027
wD[26, 5]	-0.0060	-0.0074	0.7936	-1.6811	1.6746	0.4938	0.5062
wD[27, 5]	0.0028	-0.0002	0.7914	-1.6510	1.6874	0.4998	0.5002
wD[28, 5]	0.0003	0.0030	0.7820	-1.6690	1.6518	0.5025	0.4975
wD[29, 5]	-0.0026	-0.0008	0.7869	-1.6571	1.6571	0.4993	0.5007
wD[30, 5]	-0.0033	-0.0017	0.7787	-1.6475	1.6324	0.4983	0.5017
wD[31, 5]	-0.0010	-0.0007	0.7868	-1.6621	1.6591	0.4995	0.5005
wD[32, 5]	0.0054	0.0001	0.7855	-1.6525	1.6684	0.5000	0.5000
wD[33, 5]	-0.0045	-0.0007	0.7848	-1.6766	1.6432	0.4992	0.5008
wD[34, 5]	-0.0033	-0.0015	0.7854	-1.6776	1.6659	0.4987	0.5013
wD[35, 5]	0.0075	0.0025	0.7851	-1.6561	1.6905	0.5026	0.4974
wD[36, 5]	0.0001	0.0011	0.7897	-1.6669	1.6727	0.5011	0.4989
wD[37, 5]	0.0022	0.0079	0.7953	-1.6788	1.6774	0.5061	0.4939
wD[38, 5]	-0.0092	-0.0082	0.7823	-1.6843	1.6590	0.4936	0.5064
wD[39, 5]	0.0038	-0.0021	0.7842	-1.6535	1.6634	0.4983	0.5017
wD[40, 5]	0.0011	-0.0015	0.7817	-1.6692	1.6600	0.4990	0.5010
wD[41, 5]	-0.0037	-0.0034	0.7802	-1.6714	1.6521	0.4976	0.5024
wD[42, 5]	-0.0025	-0.0014	0.7839	-1.6523	1.6662	0.4991	0.5009
wD[43, 5]	0.0095	0.0029	0.7848	-1.6475	1.6813	0.5021	0.4979
wD[44, 5]	0.0007	0.0023	0.7901	-1.6780	1.6661	0.5021	0.4979

wD[45, 5]	0.0022	0.0004	0.7815	-1.6516	1.6653	0.5004	0.4996
wD[46, 5]	0.0040	-0.0015	0.7832	-1.6471	1.6691	0.4988	0.5012
wD[47, 5]	-0.0012	-0.0013	0.7827	-1.6615	1.6589	0.4990	0.5010
wD[48, 5]	0.0002	-0.0014	0.7882	-1.6517	1.6728	0.4988	0.5012
wD[49, 5]	0.0034	0.0014	0.7822	-1.6255	1.6669	0.5015	0.4985
wD[50, 5]	-0.0030	-0.0035	0.7863	-1.6757	1.6807	0.4978	0.5022
wD[1, 6]	0.0069	0.0061	0.7935	-1.6776	1.6957	0.5046	0.4954
wD[2, 6]	-0.0020	-0.0014	0.7875	-1.6560	1.6688	0.4992	0.5008
wD[3, 6]	0.0034	0.0032	0.7699	-1.6298	1.6303	0.5028	0.4972
wD[4, 6]	0.0038	0.0032	0.7895	-1.6585	1.6738	0.5025	0.4975
wD[5, 6]	0.0003	0.0010	0.7836	-1.6498	1.6724	0.5012	0.4988
wD[6, 6]	0.0054	-0.0011	0.7790	-1.6314	1.6707	0.4991	0.5009
wD[7, 6]	0.0009	-0.0040	0.7857	-1.6541	1.6617	0.4967	0.5033
wD[8, 6]	-0.0005	-0.0022	0.7824	-1.6485	1.6588	0.4984	0.5016
wD[9, 6]	0.0020	-0.0039	0.7903	-1.6424	1.6884	0.4957	0.5043
wD[10, 6]	0.0027	0.0009	0.7898	-1.6735	1.6854	0.5007	0.4993
wD[11, 6]	0.0052	0.0034	0.7838	-1.6407	1.6542	0.5027	0.4973
wD[12, 6]	0.0065	0.0027	0.7942	-1.6525	1.6790	0.5021	0.4979
wD[13, 6]	0.0000	0.0008	0.7883	-1.6593	1.6688	0.5007	0.4993
wD[14, 6]	-0.0075	-0.0035	0.7861	-1.6979	1.6374	0.4970	0.5030
wD[15, 6]	-0.0039	-0.0016	0.7804	-1.6544	1.6314	0.4984	0.5016
wD[16, 6]	0.0042	0.0019	0.7876	-1.6648	1.6791	0.5020	0.4980
wD[17, 6]	0.0023	0.0033	0.7952	-1.6815	1.6606	0.5027	0.4973
wD[18, 6]	0.0177	0.0063	0.7723	-1.5861	1.6838	0.5048	0.4952
wD[19, 6]	-0.0091	-0.0019	0.7824	-1.6691	1.6172	0.4983	0.5017
wD[20, 6]	0.0037	-0.0018	0.7828	-1.6543	1.6806	0.4988	0.5012
wD[21, 6]	-0.0067	-0.0006	0.7896	-1.6944	1.6281	0.4996	0.5004
wD[22, 6]	0.0001	0.0014	0.7947	-1.6670	1.6702	0.5012	0.4988
wD[23, 6]	-0.0018	-0.0079	0.7815	-1.6438	1.6724	0.4928	0.5072
wD[24, 6]	-0.0033	-0.0018	0.7864	-1.6799	1.6737	0.4983	0.5017
wD[25, 6]	0.0004	-0.0003	0.7873	-1.6616	1.6696	0.4997	0.5003
wD[26, 6]	0.0044	-0.0001	0.7866	-1.6604	1.6761	0.5000	0.5000
wD[27, 6]	-0.0028	-0.0022	0.7765	-1.6617	1.6348	0.4984	0.5016
wD[28, 6]	0.0165	0.0077	0.7822	-1.6264	1.6943	0.5062	0.4938
wD[29, 6]	0.0035	0.0019	0.7869	-1.6745	1.6574	0.5016	0.4984
wD[30, 6]	0.0109	0.0059	0.7872	-1.6311	1.7111	0.5051	0.4949
wD[31, 6]	-0.0001	-0.0014	0.7877	-1.6663	1.6650	0.4988	0.5012
wD[32, 6]	0.0112	0.0054	0.7848	-1.6547	1.6785	0.5043	0.4957
wD[33, 6]	0.0031	0.0047	0.7845	-1.6454	1.6833	0.5039	0.4961
wD[34, 6]	0.0069	0.0076	0.7831	-1.6523	1.6656	0.5058	0.4942
wD[35, 6]	-0.0009	-0.0019	0.7858	-1.6579	1.6868	0.4982	0.5018
wD[36, 6]	0.0031	0.0022	0.7889	-1.6597	1.6777	0.5021	0.4979
wD[37, 6]	-0.0026	0.0026	0.7842	-1.6747	1.6530	0.5021	0.4979
wD[38, 6]	0.0024	0.0015	0.7870	-1.6735	1.6682	0.5014	0.4986
wD[39, 6]	-0.0054	-0.0036	0.7923	-1.6903	1.6570	0.4971	0.5029
wD[40, 6]	0.0100	0.0045	0.7831	-1.6298	1.6774	0.5034	0.4966
wD[41, 6]	-0.0022	-0.0055	0.7922	-1.6852	1.6845	0.4963	0.5037
wD[42, 6]	-0.0009	0.0023	0.7809	-1.6525	1.6525	0.5028	0.4972
wD[43, 6]	0.0093	0.0088	0.7785	-1.6174	1.6446	0.5070	0.4930
wD[44, 6]	-0.0028	-0.0023	0.7882	-1.6650	1.6722	0.4980	0.5020

wD[45, 6]	0.0055	0.0042	0.7886	-1.6675	1.6732	0.5040	0.4960
wD[46, 6]	0.0018	0.0015	0.7886	-1.6722	1.6894	0.5015	0.4985
wD[47, 6]	-0.0032	-0.0018	0.7912	-1.6706	1.6724	0.4988	0.5012
wD[48, 6]	0.0004	0.0054	0.7880	-1.6579	1.6648	0.5045	0.4955
wD[49, 6]	0.0013	0.0057	0.7851	-1.6775	1.6484	0.5044	0.4956
wD[50, 6]	-0.0031	-0.0015	0.7985	-1.6858	1.6754	0.4994	0.5006
wD[1, 7]	-0.0009	-0.0028	0.7896	-1.6591	1.6648	0.4980	0.5020
wD[2, 7]	-0.0022	-0.0018	0.7813	-1.6541	1.6551	0.4989	0.5011
wD[3, 7]	-0.0017	-0.0013	0.8040	-1.7007	1.7058	0.4993	0.5007
wD[4, 7]	-0.0033	-0.0034	0.7871	-1.6596	1.6469	0.4970	0.5030
wD[5, 7]	-0.0004	0.0039	0.7865	-1.6718	1.6569	0.5028	0.4972
wD[6, 7]	0.0021	0.0039	0.7786	-1.6518	1.6440	0.5035	0.4965
wD[7, 7]	0.0056	-0.0001	0.7912	-1.6447	1.6682	0.4998	0.5002
wD[8, 7]	-0.0059	-0.0046	0.7887	-1.6783	1.6453	0.4961	0.5039
wD[9, 7]	0.0089	0.0053	0.7916	-1.6573	1.6742	0.5042	0.4958
wD[10, 7]	0.0002	0.0016	0.7837	-1.6706	1.6535	0.5012	0.4988
wD[11, 7]	0.0133	0.0111	0.7840	-1.6521	1.6779	0.5081	0.4919
wD[12, 7]	-0.0033	-0.0030	0.7877	-1.6728	1.6728	0.4981	0.5019
wD[13, 7]	-0.0014	-0.0015	0.7910	-1.6757	1.6592	0.4988	0.5012
wD[14, 7]	-0.0107	-0.0063	0.7866	-1.6942	1.6163	0.4954	0.5046
wD[15, 7]	-0.0021	-0.0041	0.7772	-1.6710	1.6510	0.4971	0.5029
wD[16, 7]	0.0095	0.0047	0.7869	-1.6376	1.6711	0.5040	0.4960
wD[17, 7]	-0.0040	-0.0043	0.7922	-1.6795	1.6691	0.4965	0.5035
wD[18, 7]	-0.0002	-0.0014	0.7896	-1.6787	1.6614	0.4988	0.5012
wD[19, 7]	0.0113	0.0038	0.7893	-1.6312	1.7113	0.5033	0.4967
wD[20, 7]	-0.0023	-0.0030	0.7903	-1.6648	1.6349	0.4975	0.5025
wD[21, 7]	0.0025	-0.0025	0.7876	-1.6526	1.6689	0.4977	0.5023
wD[22, 7]	0.0019	-0.0012	0.7874	-1.6460	1.7009	0.4990	0.5010
wD[23, 7]	0.0060	-0.0011	0.7869	-1.6327	1.6812	0.4990	0.5010
wD[24, 7]	-0.0038	-0.0006	0.7995	-1.6908	1.6597	0.4993	0.5007
wD[25, 7]	-0.0019	0.0004	0.7853	-1.6520	1.6441	0.5002	0.4998
wD[26, 7]	0.0065	0.0078	0.7888	-1.6787	1.6776	0.5064	0.4936
wD[27, 7]	0.0039	0.0029	0.7890	-1.6605	1.6745	0.5022	0.4978
wD[28, 7]	0.0003	-0.0055	0.7866	-1.6695	1.6664	0.4945	0.5055
wD[29, 7]	0.0086	0.0049	0.7855	-1.6465	1.6854	0.5039	0.4961
wD[30, 7]	-0.0018	0.0008	0.7975	-1.6985	1.7091	0.5010	0.4990
wD[31, 7]	-0.0011	-0.0013	0.7926	-1.6938	1.6617	0.4992	0.5008
wD[32, 7]	0.0010	-0.0045	0.7798	-1.6516	1.6584	0.4959	0.5041
wD[33, 7]	-0.0006	0.0026	0.7894	-1.6734	1.6555	0.5020	0.4980
wD[34, 7]	0.0023	0.0030	0.7922	-1.6535	1.6790	0.5021	0.4979
wD[35, 7]	-0.0002	-0.0005	0.7942	-1.6774	1.6703	0.4995	0.5005
wD[36, 7]	-0.0022	-0.0036	0.7845	-1.6495	1.6788	0.4967	0.5033
wD[37, 7]	-0.0055	-0.0052	0.7881	-1.6804	1.6691	0.4956	0.5044
wD[38, 7]	0.0005	0.0001	0.7909	-1.6532	1.6779	0.5001	0.4999
wD[39, 7]	0.0047	-0.0005	0.7950	-1.6517	1.6901	0.4994	0.5006
wD[40, 7]	-0.0010	0.0052	0.7982	-1.6876	1.6751	0.5040	0.4960
wD[41, 7]	-0.0045	-0.0058	0.7853	-1.6875	1.6652	0.4949	0.5051
wD[42, 7]	-0.0014	0.0023	0.7788	-1.6684	1.6525	0.5016	0.4984
wD[43, 7]	0.0232	0.0124	0.7867	-1.6061	1.7170	0.5098	0.4902
wD[44, 7]	-0.0056	-0.0036	0.7838	-1.6733	1.6572	0.4970	0.5030

wD[45, 7]	0.0149	0.0086	0.7855	-1.6228	1.7036	0.5064	0.4936	
wD[46, 7]	0.0059	-0.0016	0.7840	-1.6425	1.6709	0.4985	0.5015	
wD[47, 7]	0.0004	-0.0011	0.7884	-1.6579	1.6751	0.4991	0.5009	
wD[48, 7]	0.0026	0.0006	0.7967	-1.6770	1.6921	0.5005	0.4995	
wD[49, 7]	0.0041	0.0015	0.7880	-1.6734	1.6609	0.5012	0.4988	
wD[50, 7]	0.0020	0.0013	0.7844	-1.6688	1.6651	0.5014	0.4986	
Sigma.wIR[1, 1]	0.0218	0.0212	0.0046	0.0145	0.0324	1.0000	0.0000	*
Sigma.wIR[2, 1]	-0.0002	-0.0002	0.0033	-0.0073	0.0059	0.4792	0.5208	
Sigma.wIR[3, 1]	0.0000	0.0000	0.0033	-0.0067	0.0068	0.4993	0.5007	
Sigma.wIR[4, 1]	0.0004	0.0004	0.0030	-0.0063	0.0061	0.5640	0.4360	
Sigma.wIR[5, 1]	-0.0003	-0.0003	0.0031	-0.0066	0.0059	0.4538	0.5462	
Sigma.wIR[6, 1]	-0.0004	-0.0002	0.0032	-0.0075	0.0056	0.4741	0.5259	
Sigma.wIR[1, 2]	-0.0002	-0.0002	0.0033	-0.0073	0.0059	0.4792	0.5208	
Sigma.wIR[2, 2]	0.0220	0.0213	0.0047	0.0146	0.0331	1.0000	0.0000	*
Sigma.wIR[3, 2]	0.0000	-0.0001	0.0035	-0.0067	0.0075	0.4906	0.5094	
Sigma.wIR[4, 2]	0.0002	0.0002	0.0031	-0.0059	0.0062	0.5274	0.4726	
Sigma.wIR[5, 2]	0.0007	0.0006	0.0034	-0.0058	0.0072	0.5840	0.4160	
Sigma.wIR[6, 2]	-0.0003	-0.0003	0.0035	-0.0078	0.0066	0.4637	0.5363	
Sigma.wIR[1, 3]	0.0000	0.0000	0.0033	-0.0067	0.0068	0.4993	0.5007	
Sigma.wIR[2, 3]	0.0000	-0.0001	0.0035	-0.0067	0.0075	0.4906	0.5094	
Sigma.wIR[3, 3]	0.0225	0.0219	0.0048	0.0149	0.0334	1.0000	0.0000	*
Sigma.wIR[4, 3]	-0.0001	0.0000	0.0031	-0.0064	0.0062	0.5003	0.4997	
Sigma.wIR[5, 3]	0.0000	0.0000	0.0035	-0.0068	0.0072	0.5057	0.4943	
Sigma.wIR[6, 3]	0.0001	0.0002	0.0034	-0.0070	0.0068	0.5267	0.4733	
Sigma.wIR[1, 4]	0.0004	0.0004	0.0030	-0.0063	0.0061	0.5640	0.4360	
Sigma.wIR[2, 4]	0.0002	0.0002	0.0031	-0.0059	0.0062	0.5274	0.4726	
Sigma.wIR[3, 4]	-0.0001	0.0000	0.0031	-0.0064	0.0062	0.5003	0.4997	
Sigma.wIR[4, 4]	0.0218	0.0211	0.0046	0.0146	0.0328	1.0000	0.0000	*
Sigma.wIR[5, 4]	0.0000	-0.0001	0.0031	-0.0061	0.0063	0.4891	0.5109	
Sigma.wIR[6, 4]	0.0003	0.0003	0.0033	-0.0062	0.0067	0.5437	0.4563	
Sigma.wIR[1, 5]	-0.0003	-0.0003	0.0031	-0.0066	0.0059	0.4538	0.5462	
Sigma.wIR[2, 5]	0.0007	0.0006	0.0034	-0.0058	0.0072	0.5840	0.4160	
Sigma.wIR[3, 5]	0.0000	0.0000	0.0035	-0.0068	0.0072	0.5057	0.4943	
Sigma.wIR[4, 5]	0.0000	-0.0001	0.0031	-0.0061	0.0063	0.4891	0.5109	
Sigma.wIR[5, 5]	0.0219	0.0213	0.0046	0.0148	0.0325	1.0000	0.0000	*
Sigma.wIR[6, 5]	0.0005	0.0005	0.0031	-0.0055	0.0065	0.5661	0.4339	
Sigma.wIR[1, 6]	-0.0004	-0.0002	0.0032	-0.0075	0.0056	0.4741	0.5259	
Sigma.wIR[2, 6]	-0.0003	-0.0003	0.0035	-0.0078	0.0066	0.4637	0.5363	
Sigma.wIR[3, 6]	0.0001	0.0002	0.0034	-0.0070	0.0068	0.5267	0.4733	
Sigma.wIR[4, 6]	0.0003	0.0003	0.0033	-0.0062	0.0067	0.5437	0.4563	
Sigma.wIR[5, 6]	0.0005	0.0005	0.0031	-0.0055	0.0065	0.5661	0.4339	
Sigma.wIR[6, 6]	0.0225	0.0219	0.0047	0.0150	0.0338	1.0000	0.0000	*
wIR[1, 1, 1]	0.0063	0.0057	0.1442	-0.2765	0.2924	0.5150	0.4850	
wIR[2, 1, 1]	0.0058	0.0056	0.1443	-0.2784	0.2905	0.5154	0.4846	
wIR[3, 1, 1]	0.0120	0.0123	0.1474	-0.2781	0.3033	0.5324	0.4676	
wIR[4, 1, 1]	0.0036	0.0039	0.1442	-0.2816	0.2856	0.5108	0.4892	
wIR[5, 1, 1]	0.0034	0.0035	0.1469	-0.2874	0.2908	0.5102	0.4898	
wIR[6, 1, 1]	0.0024	0.0023	0.1464	-0.2861	0.2914	0.5061	0.4939	
wIR[7, 1, 1]	-0.0084	-0.0085	0.1449	-0.2944	0.2767	0.4757	0.5243	
wIR[8, 1, 1]	-0.0038	-0.0033	0.1460	-0.2931	0.2824	0.4903	0.5097	

wIR[9, 1, 1]	0.0067	0.0068	0.1471	-0.2813	0.2973	0.5195	0.4805
wIR[10, 1, 1]	-0.0176	-0.0169	0.1573	-0.3278	0.2919	0.4568	0.5432
wIR[11, 1, 1]	-0.0042	-0.0037	0.1448	-0.2891	0.2788	0.4895	0.5105
wIR[12, 1, 1]	-0.0031	-0.0025	0.1450	-0.2904	0.2818	0.4932	0.5068
wIR[13, 1, 1]	0.0010	0.0007	0.1439	-0.2807	0.2848	0.5022	0.4978
wIR[14, 1, 1]	-0.0018	-0.0021	0.1471	-0.2919	0.2881	0.4944	0.5056
wIR[15, 1, 1]	0.0019	0.0018	0.1427	-0.2769	0.2837	0.5053	0.4947
wIR[16, 1, 1]	0.0014	0.0014	0.1453	-0.2834	0.2882	0.5039	0.4961
wIR[17, 1, 1]	0.0049	0.0052	0.1468	-0.2834	0.2941	0.5138	0.4862
wIR[18, 1, 1]	0.0037	0.0039	0.1452	-0.2808	0.2895	0.5112	0.4888
wIR[19, 1, 1]	-0.0007	-0.0006	0.1475	-0.2920	0.2887	0.4985	0.5015
wIR[20, 1, 1]	-0.0051	-0.0060	0.1481	-0.2967	0.2879	0.4842	0.5158
wIR[21, 1, 1]	0.0017	0.0019	0.1433	-0.2786	0.2838	0.5054	0.4946
wIR[22, 1, 1]	0.0008	0.0008	0.1431	-0.2802	0.2807	0.5024	0.4976
wIR[23, 1, 1]	-0.0011	-0.0007	0.1483	-0.2930	0.2911	0.4979	0.5021
wIR[24, 1, 1]	-0.0086	-0.0089	0.1450	-0.2942	0.2772	0.4752	0.5248
wIR[25, 1, 1]	0.0007	0.0011	0.1479	-0.2906	0.2919	0.5030	0.4970
wIR[26, 1, 1]	0.0060	0.0061	0.1478	-0.2832	0.2982	0.5161	0.4839
wIR[27, 1, 1]	-0.0008	-0.0005	0.1476	-0.2930	0.2886	0.4989	0.5011
wIR[28, 1, 1]	-0.0002	-0.0002	0.1450	-0.2867	0.2852	0.4993	0.5007
wIR[29, 1, 1]	-0.0001	-0.0017	0.1501	-0.2935	0.2958	0.4959	0.5041
wIR[30, 1, 1]	-0.0090	-0.0085	0.1478	-0.3013	0.2830	0.4760	0.5240
wIR[31, 1, 1]	-0.0036	-0.0037	0.1533	-0.3072	0.2987	0.4897	0.5103
wIR[32, 1, 1]	-0.0001	-0.0011	0.1464	-0.2880	0.2881	0.4970	0.5030
wIR[33, 1, 1]	-0.0012	-0.0009	0.1434	-0.2852	0.2796	0.4973	0.5027
wIR[34, 1, 1]	0.0097	0.0088	0.1487	-0.2795	0.3042	0.5240	0.4760
wIR[35, 1, 1]	0.0017	0.0009	0.1450	-0.2818	0.2888	0.5022	0.4978
wIR[36, 1, 1]	0.0006	0.0007	0.1444	-0.2822	0.2847	0.5023	0.4977
wIR[37, 1, 1]	0.0095	0.0093	0.1459	-0.2766	0.2986	0.5263	0.4737
wIR[38, 1, 1]	0.0062	0.0067	0.1486	-0.2874	0.2973	0.5189	0.4811
wIR[39, 1, 1]	0.0054	0.0054	0.1456	-0.2799	0.2918	0.5147	0.4853
wIR[40, 1, 1]	-0.0041	-0.0046	0.1442	-0.2865	0.2814	0.4873	0.5127
wIR[41, 1, 1]	-0.0023	-0.0016	0.1435	-0.2866	0.2783	0.4955	0.5045
wIR[42, 1, 1]	0.0078	0.0077	0.1459	-0.2783	0.2948	0.5219	0.4781
wIR[43, 1, 1]	-0.0128	-0.0131	0.1459	-0.2985	0.2746	0.4632	0.5368
wIR[44, 1, 1]	-0.0040	-0.0041	0.1461	-0.2913	0.2837	0.4893	0.5107
wIR[45, 1, 1]	0.0187	0.0191	0.1508	-0.2761	0.3173	0.5508	0.4492
wIR[46, 1, 1]	-0.0069	-0.0073	0.1455	-0.2936	0.2788	0.4794	0.5206
wIR[47, 1, 1]	-0.0001	-0.0003	0.1476	-0.2892	0.2921	0.4993	0.5007
wIR[48, 1, 1]	-0.0027	-0.0026	0.1461	-0.2898	0.2834	0.4928	0.5072
wIR[49, 1, 1]	-0.0060	-0.0061	0.1459	-0.2924	0.2813	0.4828	0.5172
wIR[50, 1, 1]	-0.0061	-0.0059	0.1437	-0.2890	0.2756	0.4838	0.5162
wIR[1, 2, 1]	-0.0007	-0.0010	0.1449	-0.2858	0.2861	0.4975	0.5025
wIR[2, 2, 1]	-0.0019	-0.0021	0.1450	-0.2894	0.2825	0.4934	0.5066
wIR[3, 2, 1]	0.0028	0.0024	0.1496	-0.2936	0.2947	0.5065	0.4935
wIR[4, 2, 1]	-0.0027	-0.0025	0.1456	-0.2912	0.2836	0.4932	0.5068
wIR[5, 2, 1]	-0.0102	-0.0099	0.1469	-0.3006	0.2798	0.4724	0.5276
wIR[6, 2, 1]	-0.0008	-0.0007	0.1475	-0.2907	0.2877	0.4981	0.5019
wIR[7, 2, 1]	0.0004	0.0007	0.1449	-0.2854	0.2840	0.5020	0.4980
wIR[8, 2, 1]	0.0080	0.0082	0.1463	-0.2808	0.2969	0.5227	0.4773

wIR[9, 2, 1]	-0.0019	-0.0015	0.1489	-0.2965	0.2920	0.4954	0.5046
wIR[10, 2, 1]	-0.0028	-0.0023	0.1578	-0.3130	0.3077	0.4942	0.5058
wIR[11, 2, 1]	0.0045	0.0045	0.1454	-0.2807	0.2897	0.5121	0.4879
wIR[12, 2, 1]	-0.0003	-0.0009	0.1460	-0.2875	0.2899	0.4977	0.5023
wIR[13, 2, 1]	-0.0020	-0.0023	0.1453	-0.2881	0.2842	0.4934	0.5066
wIR[14, 2, 1]	-0.0047	-0.0042	0.1487	-0.2973	0.2886	0.4882	0.5118
wIR[15, 2, 1]	-0.0025	-0.0027	0.1436	-0.2843	0.2795	0.4923	0.5077
wIR[16, 2, 1]	-0.0068	-0.0063	0.1465	-0.2970	0.2801	0.4830	0.5170
wIR[17, 2, 1]	-0.0002	0.0009	0.1476	-0.2917	0.2882	0.5025	0.4975
wIR[18, 2, 1]	0.0000	0.0003	0.1457	-0.2876	0.2876	0.5009	0.4991
wIR[19, 2, 1]	0.0012	0.0013	0.1483	-0.2911	0.2939	0.5037	0.4963
wIR[20, 2, 1]	0.0084	0.0082	0.1486	-0.2849	0.3031	0.5224	0.4776
wIR[21, 2, 1]	0.0028	0.0035	0.1444	-0.2832	0.2862	0.5097	0.4903
wIR[22, 2, 1]	0.0048	0.0049	0.1442	-0.2782	0.2899	0.5141	0.4859
wIR[23, 2, 1]	0.0006	0.0002	0.1495	-0.2939	0.2963	0.5005	0.4995
wIR[24, 2, 1]	-0.0013	-0.0005	0.1468	-0.2906	0.2874	0.4985	0.5015
wIR[25, 2, 1]	0.0003	0.0001	0.1481	-0.2917	0.2927	0.5002	0.4998
wIR[26, 2, 1]	0.0024	0.0028	0.1483	-0.2908	0.2957	0.5076	0.4924
wIR[27, 2, 1]	0.0013	0.0006	0.1476	-0.2888	0.2924	0.5015	0.4985
wIR[28, 2, 1]	-0.0022	-0.0019	0.1459	-0.2901	0.2830	0.4946	0.5054
wIR[29, 2, 1]	-0.0065	-0.0065	0.1514	-0.3053	0.2909	0.4831	0.5169
wIR[30, 2, 1]	0.0046	0.0054	0.1484	-0.2875	0.2950	0.5141	0.4859
wIR[31, 2, 1]	0.0004	-0.0003	0.1547	-0.3037	0.3062	0.4992	0.5008
wIR[32, 2, 1]	-0.0077	-0.0079	0.1473	-0.2960	0.2823	0.4781	0.5219
wIR[33, 2, 1]	-0.0038	-0.0040	0.1442	-0.2894	0.2810	0.4886	0.5114
wIR[34, 2, 1]	-0.0064	-0.0060	0.1497	-0.3010	0.2877	0.4837	0.5163
wIR[35, 2, 1]	-0.0030	-0.0027	0.1457	-0.2900	0.2839	0.4926	0.5074
wIR[36, 2, 1]	-0.0048	-0.0054	0.1456	-0.2901	0.2822	0.4860	0.5140
wIR[37, 2, 1]	-0.0020	-0.0018	0.1458	-0.2902	0.2832	0.4949	0.5051
wIR[38, 2, 1]	0.0076	0.0075	0.1489	-0.2855	0.3015	0.5204	0.4796
wIR[39, 2, 1]	0.0040	0.0045	0.1461	-0.2837	0.2936	0.5125	0.4875
wIR[40, 2, 1]	0.0054	0.0059	0.1458	-0.2813	0.2933	0.5163	0.4837
wIR[41, 2, 1]	0.0019	0.0013	0.1441	-0.2804	0.2843	0.5038	0.4962
wIR[42, 2, 1]	0.0004	0.0004	0.1462	-0.2882	0.2885	0.5009	0.4991
wIR[43, 2, 1]	0.0014	0.0013	0.1465	-0.2866	0.2893	0.5038	0.4962
wIR[44, 2, 1]	-0.0030	-0.0023	0.1467	-0.2924	0.2857	0.4937	0.5063
wIR[45, 2, 1]	-0.0021	-0.0020	0.1517	-0.3021	0.2972	0.4946	0.5054
wIR[46, 2, 1]	-0.0021	-0.0021	0.1456	-0.2891	0.2841	0.4939	0.5061
wIR[47, 2, 1]	0.0003	0.0002	0.1492	-0.2943	0.2933	0.5006	0.4994
wIR[48, 2, 1]	0.0002	0.0000	0.1468	-0.2875	0.2889	0.4999	0.5001
wIR[49, 2, 1]	0.0052	0.0045	0.1467	-0.2836	0.2940	0.5124	0.4876
wIR[50, 2, 1]	0.0013	0.0015	0.1437	-0.2799	0.2840	0.5045	0.4955
wIR[1, 3, 1]	0.0037	0.0034	0.1465	-0.2844	0.2954	0.5094	0.4906
wIR[2, 3, 1]	0.0020	0.0020	0.1470	-0.2871	0.2913	0.5060	0.4940
wIR[3, 3, 1]	0.0021	0.0017	0.1501	-0.2931	0.2986	0.5048	0.4952
wIR[4, 3, 1]	-0.0026	-0.0024	0.1471	-0.2923	0.2873	0.4933	0.5067
wIR[5, 3, 1]	0.0009	0.0006	0.1487	-0.2908	0.2944	0.5018	0.4982
wIR[6, 3, 1]	-0.0003	-0.0002	0.1492	-0.2924	0.2935	0.4993	0.5007
wIR[7, 3, 1]	-0.0019	-0.0018	0.1466	-0.2908	0.2848	0.4954	0.5046
wIR[8, 3, 1]	0.0007	0.0015	0.1485	-0.2937	0.2910	0.5040	0.4960

wIR[9, 3, 1]	-0.0009	-0.0010	0.1500	-0.2957	0.2950	0.4972	0.5028
wIR[10, 3, 1]	-0.0016	-0.0024	0.1597	-0.3147	0.3142	0.4944	0.5056
wIR[11, 3, 1]	-0.0016	-0.0011	0.1471	-0.2918	0.2878	0.4968	0.5032
wIR[12, 3, 1]	-0.0032	-0.0034	0.1476	-0.2940	0.2871	0.4911	0.5089
wIR[13, 3, 1]	0.0004	0.0002	0.1466	-0.2869	0.2898	0.5006	0.4994
wIR[14, 3, 1]	0.0000	-0.0009	0.1490	-0.2911	0.2939	0.4974	0.5026
wIR[15, 3, 1]	0.0019	0.0017	0.1448	-0.2840	0.2878	0.5048	0.4952
wIR[16, 3, 1]	-0.0017	-0.0014	0.1482	-0.2921	0.2889	0.4963	0.5037
wIR[17, 3, 1]	0.0044	0.0044	0.1483	-0.2880	0.2973	0.5122	0.4878
wIR[18, 3, 1]	-0.0019	-0.0014	0.1471	-0.2930	0.2859	0.4960	0.5040
wIR[19, 3, 1]	-0.0002	-0.0009	0.1497	-0.2943	0.2942	0.4974	0.5026
wIR[20, 3, 1]	0.0024	0.0022	0.1502	-0.2934	0.2986	0.5056	0.4944
wIR[21, 3, 1]	0.0000	-0.0004	0.1455	-0.2863	0.2869	0.4990	0.5010
wIR[22, 3, 1]	0.0005	0.0006	0.1451	-0.2831	0.2861	0.5017	0.4983
wIR[23, 3, 1]	-0.0035	-0.0033	0.1506	-0.3002	0.2942	0.4912	0.5088
wIR[24, 3, 1]	-0.0024	-0.0023	0.1473	-0.2927	0.2870	0.4936	0.5064
wIR[25, 3, 1]	0.0009	0.0007	0.1499	-0.2951	0.2967	0.5019	0.4981
wIR[26, 3, 1]	-0.0026	-0.0031	0.1503	-0.2974	0.2937	0.4918	0.5082
wIR[27, 3, 1]	-0.0022	-0.0020	0.1498	-0.2968	0.2912	0.4949	0.5051
wIR[28, 3, 1]	-0.0020	-0.0020	0.1482	-0.2948	0.2891	0.4947	0.5053
wIR[29, 3, 1]	-0.0040	-0.0040	0.1526	-0.3039	0.2967	0.4890	0.5110
wIR[30, 3, 1]	0.0033	0.0029	0.1500	-0.2910	0.3006	0.5084	0.4916
wIR[31, 3, 1]	0.0001	-0.0001	0.1556	-0.3070	0.3055	0.4998	0.5002
wIR[32, 3, 1]	-0.0020	-0.0017	0.1490	-0.2970	0.2923	0.4955	0.5045
wIR[33, 3, 1]	-0.0002	-0.0003	0.1458	-0.2871	0.2865	0.4989	0.5011
wIR[34, 3, 1]	-0.0020	-0.0018	0.1510	-0.3011	0.2949	0.4948	0.5052
wIR[35, 3, 1]	-0.0003	-0.0007	0.1472	-0.2890	0.2902	0.4979	0.5021
wIR[36, 3, 1]	0.0013	0.0014	0.1469	-0.2876	0.2893	0.5039	0.4961
wIR[37, 3, 1]	0.0017	0.0026	0.1482	-0.2916	0.2925	0.5075	0.4925
wIR[38, 3, 1]	0.0011	0.0009	0.1512	-0.2970	0.3018	0.5026	0.4974
wIR[39, 3, 1]	-0.0003	-0.0008	0.1484	-0.2913	0.2912	0.4981	0.5019
wIR[40, 3, 1]	0.0001	-0.0004	0.1474	-0.2903	0.2909	0.4990	0.5010
wIR[41, 3, 1]	-0.0003	0.0001	0.1458	-0.2880	0.2856	0.5004	0.4996
wIR[42, 3, 1]	-0.0003	-0.0004	0.1490	-0.2940	0.2926	0.4990	0.5010
wIR[43, 3, 1]	-0.0017	-0.0014	0.1481	-0.2940	0.2904	0.4965	0.5035
wIR[44, 3, 1]	-0.0034	-0.0026	0.1488	-0.2972	0.2888	0.4935	0.5065
wIR[45, 3, 1]	0.0018	0.0011	0.1544	-0.3032	0.3059	0.5034	0.4966
wIR[46, 3, 1]	-0.0024	-0.0013	0.1479	-0.2947	0.2866	0.4963	0.5037
wIR[47, 3, 1]	-0.0002	0.0004	0.1500	-0.2959	0.2950	0.5010	0.4990
wIR[48, 3, 1]	-0.0010	-0.0017	0.1481	-0.2912	0.2928	0.4952	0.5048
wIR[49, 3, 1]	0.0029	0.0026	0.1476	-0.2865	0.2948	0.5072	0.4928
wIR[50, 3, 1]	-0.0005	-0.0013	0.1458	-0.2849	0.2882	0.4967	0.5033
wIR[1, 4, 1]	-0.0007	-0.0010	0.1447	-0.2863	0.2836	0.4974	0.5026
wIR[2, 4, 1]	-0.0055	-0.0052	0.1434	-0.2889	0.2760	0.4840	0.5160
wIR[3, 4, 1]	-0.0137	-0.0132	0.1480	-0.3069	0.2763	0.4641	0.5359
wIR[4, 4, 1]	-0.0054	-0.0057	0.1445	-0.2881	0.2789	0.4841	0.5159
wIR[5, 4, 1]	-0.0099	-0.0098	0.1466	-0.2953	0.2776	0.4732	0.5268
wIR[6, 4, 1]	-0.0034	-0.0028	0.1464	-0.2922	0.2846	0.4921	0.5079
wIR[7, 4, 1]	-0.0014	-0.0007	0.1439	-0.2859	0.2825	0.4981	0.5019
wIR[8, 4, 1]	-0.0016	-0.0031	0.1458	-0.2856	0.2864	0.4922	0.5078

wIR[9, 4, 1]	0.0124	0.0122	0.1467	-0.2763	0.3014	0.5340	0.4660
wIR[10, 4, 1]	0.0277	0.0280	0.1559	-0.2806	0.3329	0.5733	0.4267
wIR[11, 4, 1]	-0.0090	-0.0087	0.1444	-0.2933	0.2753	0.4754	0.5246
wIR[12, 4, 1]	-0.0057	-0.0059	0.1452	-0.2919	0.2794	0.4839	0.5161
wIR[13, 4, 1]	-0.0044	-0.0039	0.1444	-0.2891	0.2776	0.4890	0.5110
wIR[14, 4, 1]	0.0158	0.0154	0.1473	-0.2718	0.3063	0.5415	0.4585
wIR[15, 4, 1]	0.0002	0.0004	0.1423	-0.2809	0.2798	0.5014	0.4986
wIR[16, 4, 1]	-0.0156	-0.0160	0.1455	-0.3019	0.2699	0.4565	0.5435
wIR[17, 4, 1]	-0.0005	0.0000	0.1469	-0.2897	0.2902	0.5000	0.5000
wIR[18, 4, 1]	-0.0127	-0.0119	0.1451	-0.2993	0.2721	0.4657	0.5343
wIR[19, 4, 1]	0.0000	-0.0003	0.1474	-0.2897	0.2915	0.4992	0.5008
wIR[20, 4, 1]	0.0095	0.0091	0.1477	-0.2797	0.2994	0.5260	0.4740
wIR[21, 4, 1]	0.0009	0.0010	0.1438	-0.2832	0.2840	0.5026	0.4974
wIR[22, 4, 1]	-0.0006	-0.0007	0.1430	-0.2815	0.2816	0.4976	0.5024
wIR[23, 4, 1]	-0.0113	-0.0111	0.1479	-0.3029	0.2777	0.4701	0.5299
wIR[24, 4, 1]	-0.0043	-0.0042	0.1454	-0.2898	0.2814	0.4879	0.5121
wIR[25, 4, 1]	-0.0005	-0.0012	0.1481	-0.2920	0.2924	0.4967	0.5033
wIR[26, 4, 1]	-0.0138	-0.0137	0.1480	-0.3071	0.2761	0.4622	0.5378
wIR[27, 4, 1]	-0.0123	-0.0118	0.1469	-0.3035	0.2743	0.4680	0.5320
wIR[28, 4, 1]	0.0110	0.0106	0.1449	-0.2747	0.2976	0.5296	0.4704
wIR[29, 4, 1]	-0.0036	-0.0037	0.1495	-0.2999	0.2896	0.4907	0.5093
wIR[30, 4, 1]	0.0184	0.0188	0.1476	-0.2725	0.3079	0.5516	0.4484
wIR[31, 4, 1]	0.0104	0.0104	0.1531	-0.2915	0.3123	0.5279	0.4721
wIR[32, 4, 1]	-0.0130	-0.0125	0.1457	-0.3002	0.2729	0.4658	0.5342
wIR[33, 4, 1]	0.0018	0.0014	0.1439	-0.2818	0.2856	0.5037	0.4963
wIR[34, 4, 1]	-0.0209	-0.0198	0.1487	-0.3174	0.2686	0.4470	0.5530
wIR[35, 4, 1]	-0.0130	-0.0128	0.1449	-0.2976	0.2717	0.4653	0.5347
wIR[36, 4, 1]	0.0051	0.0050	0.1442	-0.2779	0.2884	0.5133	0.4867
wIR[37, 4, 1]	-0.0033	-0.0031	0.1445	-0.2871	0.2812	0.4914	0.5086
wIR[38, 4, 1]	-0.0003	-0.0007	0.1478	-0.2924	0.2901	0.4982	0.5018
wIR[39, 4, 1]	-0.0114	-0.0113	0.1455	-0.2989	0.2744	0.4679	0.5321
wIR[40, 4, 1]	-0.0029	-0.0028	0.1449	-0.2905	0.2831	0.4921	0.5079
wIR[41, 4, 1]	-0.0041	-0.0041	0.1432	-0.2851	0.2777	0.4881	0.5119
wIR[42, 4, 1]	-0.0075	-0.0079	0.1447	-0.2915	0.2786	0.4778	0.5222
wIR[43, 4, 1]	0.0107	0.0102	0.1456	-0.2747	0.2984	0.5289	0.4711
wIR[44, 4, 1]	-0.0093	-0.0091	0.1453	-0.2963	0.2750	0.4746	0.5254
wIR[45, 4, 1]	-0.0072	-0.0070	0.1504	-0.3010	0.2879	0.4800	0.5200
wIR[46, 4, 1]	-0.0046	-0.0040	0.1457	-0.2925	0.2803	0.4885	0.5115
wIR[47, 4, 1]	0.0005	0.0004	0.1478	-0.2905	0.2915	0.5013	0.4987
wIR[48, 4, 1]	-0.0127	-0.0127	0.1461	-0.3008	0.2752	0.4651	0.5349
wIR[49, 4, 1]	0.0102	0.0100	0.1460	-0.2765	0.2980	0.5269	0.4731
wIR[50, 4, 1]	0.0043	0.0040	0.1434	-0.2783	0.2877	0.5120	0.4880
wIR[1, 5, 1]	-0.0082	-0.0076	0.1452	-0.2965	0.2758	0.4801	0.5199
wIR[2, 5, 1]	-0.0022	-0.0016	0.1442	-0.2877	0.2807	0.4957	0.5043
wIR[3, 5, 1]	0.0022	0.0014	0.1484	-0.2903	0.2943	0.5037	0.4963
wIR[4, 5, 1]	0.0045	0.0046	0.1446	-0.2795	0.2892	0.5131	0.4869
wIR[5, 5, 1]	0.0177	0.0173	0.1468	-0.2719	0.3080	0.5488	0.4512
wIR[6, 5, 1]	0.0010	0.0006	0.1466	-0.2871	0.2905	0.5018	0.4982
wIR[7, 5, 1]	0.0104	0.0107	0.1442	-0.2736	0.2935	0.5292	0.4708
wIR[8, 5, 1]	-0.0094	-0.0085	0.1462	-0.2975	0.2755	0.4771	0.5229

wIR[9, 5, 1]	-0.0113	-0.0100	0.1476	-0.3033	0.2762	0.4721	0.5279
wIR[10, 5, 1]	-0.0155	-0.0156	0.1563	-0.3240	0.2921	0.4595	0.5405
wIR[11, 5, 1]	0.0015	0.0011	0.1448	-0.2826	0.2856	0.5034	0.4966
wIR[12, 5, 1]	0.0117	0.0117	0.1448	-0.2740	0.2962	0.5326	0.4674
wIR[13, 5, 1]	-0.0034	-0.0034	0.1433	-0.2871	0.2790	0.4905	0.5095
wIR[14, 5, 1]	-0.0045	-0.0038	0.1475	-0.2945	0.2860	0.4893	0.5107
wIR[15, 5, 1]	0.0012	0.0010	0.1423	-0.2787	0.2808	0.5027	0.4973
wIR[16, 5, 1]	0.0192	0.0195	0.1473	-0.2697	0.3078	0.5529	0.4471
wIR[17, 5, 1]	-0.0087	-0.0083	0.1463	-0.2962	0.2803	0.4759	0.5241
wIR[18, 5, 1]	0.0035	0.0037	0.1449	-0.2818	0.2898	0.5099	0.4901
wIR[19, 5, 1]	-0.0001	-0.0001	0.1478	-0.2927	0.2922	0.4998	0.5002
wIR[20, 5, 1]	-0.0258	-0.0251	0.1474	-0.3134	0.2620	0.4313	0.5687
wIR[21, 5, 1]	-0.0123	-0.0119	0.1438	-0.2973	0.2707	0.4664	0.5336
wIR[22, 5, 1]	-0.0063	-0.0067	0.1432	-0.2891	0.2765	0.4823	0.5177
wIR[23, 5, 1]	0.0233	0.0228	0.1483	-0.2658	0.3155	0.5622	0.4378
wIR[24, 5, 1]	0.0121	0.0117	0.1451	-0.2731	0.2975	0.5325	0.4675
wIR[25, 5, 1]	-0.0001	0.0003	0.1482	-0.2926	0.2925	0.5012	0.4988
wIR[26, 5, 1]	0.0169	0.0168	0.1481	-0.2736	0.3069	0.5461	0.4539
wIR[27, 5, 1]	0.0163	0.0166	0.1473	-0.2725	0.3057	0.5448	0.4552
wIR[28, 5, 1]	0.0016	0.0019	0.1446	-0.2827	0.2841	0.5053	0.4947
wIR[29, 5, 1]	0.0242	0.0240	0.1503	-0.2710	0.3190	0.5643	0.4357
wIR[30, 5, 1]	-0.0121	-0.0123	0.1477	-0.3023	0.2787	0.4665	0.5335
wIR[31, 5, 1]	-0.0258	-0.0253	0.1532	-0.3275	0.2729	0.4339	0.5661
wIR[32, 5, 1]	0.0184	0.0179	0.1462	-0.2680	0.3058	0.5482	0.4518
wIR[33, 5, 1]	0.0023	0.0025	0.1429	-0.2787	0.2827	0.5069	0.4931
wIR[34, 5, 1]	0.0244	0.0249	0.1490	-0.2675	0.3180	0.5676	0.4324
wIR[35, 5, 1]	0.0130	0.0127	0.1448	-0.2728	0.2975	0.5352	0.4648
wIR[36, 5, 1]	-0.0026	-0.0027	0.1446	-0.2883	0.2821	0.4919	0.5081
wIR[37, 5, 1]	-0.0064	-0.0061	0.1452	-0.2929	0.2773	0.4830	0.5170
wIR[38, 5, 1]	-0.0205	-0.0202	0.1486	-0.3122	0.2713	0.4443	0.5557
wIR[39, 5, 1]	0.0057	0.0057	0.1458	-0.2802	0.2938	0.5154	0.4846
wIR[40, 5, 1]	-0.0030	-0.0029	0.1448	-0.2885	0.2816	0.4917	0.5083
wIR[41, 5, 1]	-0.0038	-0.0035	0.1435	-0.2866	0.2789	0.4897	0.5103
wIR[42, 5, 1]	0.0084	0.0090	0.1459	-0.2769	0.2958	0.5238	0.4762
wIR[43, 5, 1]	-0.0005	-0.0014	0.1455	-0.2861	0.2855	0.4962	0.5038
wIR[44, 5, 1]	0.0230	0.0218	0.1465	-0.2647	0.3127	0.5615	0.4385
wIR[45, 5, 1]	0.0099	0.0101	0.1497	-0.2838	0.3047	0.5274	0.4726
wIR[46, 5, 1]	0.0172	0.0172	0.1451	-0.2668	0.3020	0.5479	0.4521
wIR[47, 5, 1]	-0.0003	0.0000	0.1486	-0.2928	0.2927	0.4999	0.5001
wIR[48, 5, 1]	0.0151	0.0151	0.1457	-0.2702	0.3023	0.5416	0.4584
wIR[49, 5, 1]	-0.0098	-0.0097	0.1457	-0.2958	0.2778	0.4736	0.5264
wIR[50, 5, 1]	0.0019	0.0013	0.1430	-0.2797	0.2826	0.5038	0.4962
wIR[1, 6, 1]	0.0055	0.0054	0.1461	-0.2804	0.2934	0.5157	0.4843
wIR[2, 6, 1]	-0.0005	0.0003	0.1456	-0.2874	0.2861	0.5009	0.4991
wIR[3, 6, 1]	-0.0097	-0.0093	0.1499	-0.3039	0.2841	0.4755	0.5245
wIR[4, 6, 1]	-0.0080	-0.0081	0.1462	-0.2950	0.2782	0.4774	0.5226
wIR[5, 6, 1]	-0.0122	-0.0121	0.1493	-0.3066	0.2788	0.4675	0.5325
wIR[6, 6, 1]	-0.0035	-0.0033	0.1485	-0.2965	0.2879	0.4910	0.5090
wIR[7, 6, 1]	-0.0017	-0.0009	0.1467	-0.2902	0.2880	0.4974	0.5026
wIR[8, 6, 1]	0.0078	0.0081	0.1482	-0.2837	0.2988	0.5220	0.4780

wIR[9, 6, 1]	0.0008	0.0005	0.1492	-0.2943	0.2946	0.5011	0.4989
wIR[10, 6, 1]	0.0264	0.0254	0.1581	-0.2829	0.3388	0.5654	0.4346
wIR[11, 6, 1]	-0.0019	-0.0024	0.1464	-0.2912	0.2869	0.4930	0.5070
wIR[12, 6, 1]	-0.0075	-0.0074	0.1477	-0.2983	0.2836	0.4798	0.5202
wIR[13, 6, 1]	0.0011	0.0012	0.1462	-0.2869	0.2862	0.5030	0.4970
wIR[14, 6, 1]	0.0084	0.0080	0.1495	-0.2861	0.3004	0.5208	0.4792
wIR[15, 6, 1]	0.0011	0.0008	0.1443	-0.2820	0.2848	0.5026	0.4974
wIR[16, 6, 1]	-0.0159	-0.0161	0.1484	-0.3062	0.2770	0.4574	0.5426
wIR[17, 6, 1]	0.0079	0.0074	0.1482	-0.2828	0.3005	0.5203	0.4797
wIR[18, 6, 1]	-0.0084	-0.0083	0.1468	-0.2957	0.2800	0.4770	0.5230
wIR[19, 6, 1]	0.0020	0.0021	0.1499	-0.2938	0.2958	0.5054	0.4946
wIR[20, 6, 1]	0.0266	0.0263	0.1492	-0.2648	0.3204	0.5709	0.4291
wIR[21, 6, 1]	0.0068	0.0068	0.1460	-0.2811	0.2955	0.5184	0.4816
wIR[22, 6, 1]	0.0039	0.0033	0.1455	-0.2815	0.2914	0.5096	0.4904
wIR[23, 6, 1]	-0.0204	-0.0201	0.1506	-0.3166	0.2769	0.4460	0.5540
wIR[24, 6, 1]	-0.0059	-0.0062	0.1473	-0.2959	0.2853	0.4834	0.5166
wIR[25, 6, 1]	0.0001	0.0006	0.1509	-0.2994	0.2963	0.5015	0.4985
wIR[26, 6, 1]	-0.0206	-0.0211	0.1498	-0.3158	0.2727	0.4446	0.5554
wIR[27, 6, 1]	-0.0125	-0.0125	0.1493	-0.3066	0.2816	0.4660	0.5340
wIR[28, 6, 1]	-0.0027	-0.0025	0.1470	-0.2903	0.2866	0.4937	0.5063
wIR[29, 6, 1]	-0.0236	-0.0239	0.1525	-0.3230	0.2763	0.4374	0.5626
wIR[30, 6, 1]	0.0196	0.0196	0.1498	-0.2748	0.3143	0.5529	0.4471
wIR[31, 6, 1]	0.0194	0.0195	0.1546	-0.2858	0.3236	0.5517	0.4483
wIR[32, 6, 1]	-0.0121	-0.0119	0.1484	-0.3042	0.2789	0.4686	0.5314
wIR[33, 6, 1]	-0.0006	-0.0009	0.1459	-0.2867	0.2888	0.4976	0.5024
wIR[34, 6, 1]	-0.0258	-0.0267	0.1509	-0.3232	0.2702	0.4312	0.5688
wIR[35, 6, 1]	-0.0086	-0.0079	0.1462	-0.2975	0.2794	0.4778	0.5222
wIR[36, 6, 1]	0.0074	0.0072	0.1469	-0.2810	0.2959	0.5199	0.4801
wIR[37, 6, 1]	-0.0033	-0.0036	0.1477	-0.2944	0.2867	0.4910	0.5090
wIR[38, 6, 1]	0.0124	0.0117	0.1504	-0.2822	0.3105	0.5320	0.4680
wIR[39, 6, 1]	-0.0115	-0.0106	0.1484	-0.3061	0.2806	0.4709	0.5291
wIR[40, 6, 1]	0.0062	0.0056	0.1473	-0.2838	0.2967	0.5156	0.4844
wIR[41, 6, 1]	0.0014	0.0008	0.1455	-0.2844	0.2885	0.5022	0.4978
wIR[42, 6, 1]	-0.0179	-0.0171	0.1471	-0.3091	0.2697	0.4525	0.5475
wIR[43, 6, 1]	0.0117	0.0116	0.1479	-0.2802	0.3028	0.5309	0.4691
wIR[44, 6, 1]	-0.0132	-0.0135	0.1474	-0.3038	0.2770	0.4626	0.5374
wIR[45, 6, 1]	-0.0269	-0.0262	0.1529	-0.3282	0.2706	0.4307	0.5693
wIR[46, 6, 1]	-0.0091	-0.0085	0.1470	-0.2999	0.2791	0.4765	0.5235
wIR[47, 6, 1]	-0.0006	-0.0004	0.1503	-0.2938	0.2969	0.4990	0.5010
wIR[48, 6, 1]	-0.0103	-0.0102	0.1482	-0.3026	0.2797	0.4717	0.5283
wIR[49, 6, 1]	0.0177	0.0175	0.1476	-0.2721	0.3080	0.5493	0.4507
wIR[50, 6, 1]	0.0067	0.0073	0.1461	-0.2807	0.2946	0.5209	0.4791
wIR[1, 1, 2]	0.0136	0.0138	0.1417	-0.2665	0.2903	0.5386	0.4614
wIR[2, 1, 2]	-0.0009	-0.0010	0.1479	-0.2896	0.2916	0.4975	0.5025
wIR[3, 1, 2]	-0.0099	-0.0099	0.1453	-0.2967	0.2751	0.4723	0.5277
wIR[4, 1, 2]	-0.0363	-0.0360	0.1453	-0.3232	0.2482	0.4015	0.5985
wIR[5, 1, 2]	-0.0112	-0.0113	0.1461	-0.2995	0.2748	0.4687	0.5313
wIR[6, 1, 2]	0.0013	0.0010	0.1460	-0.2861	0.2911	0.5028	0.4972
wIR[7, 1, 2]	-0.0045	-0.0041	0.1431	-0.2867	0.2766	0.4873	0.5127
wIR[8, 1, 2]	0.0092	0.0097	0.1408	-0.2678	0.2879	0.5279	0.4721

wIR[9, 1, 2]	0.0153	0.0150	0.1440	-0.2655	0.3001	0.5427	0.4573
wIR[10, 1, 2]	0.0231	0.0226	0.1488	-0.2685	0.3157	0.5615	0.4385
wIR[11, 1, 2]	-0.0125	-0.0132	0.1423	-0.2917	0.2681	0.4623	0.5377
wIR[12, 1, 2]	-0.0173	-0.0169	0.1436	-0.3027	0.2643	0.4543	0.5457
wIR[13, 1, 2]	-0.0176	-0.0174	0.1421	-0.2979	0.2612	0.4501	0.5499
wIR[14, 1, 2]	-0.0001	-0.0003	0.1432	-0.2801	0.2812	0.4994	0.5006
wIR[15, 1, 2]	-0.0019	-0.0019	0.1408	-0.2775	0.2759	0.4945	0.5055
wIR[16, 1, 2]	-0.0417	-0.0405	0.1446	-0.3301	0.2401	0.3872	0.6128
wIR[17, 1, 2]	0.0234	0.0229	0.1453	-0.2609	0.3129	0.5624	0.4376
wIR[18, 1, 2]	-0.0426	-0.0419	0.1495	-0.3395	0.2487	0.3874	0.6126
wIR[19, 1, 2]	0.0064	0.0065	0.1437	-0.2760	0.2898	0.5187	0.4813
wIR[20, 1, 2]	0.0242	0.0247	0.1462	-0.2629	0.3115	0.5670	0.4330
wIR[21, 1, 2]	0.0058	0.0058	0.1419	-0.2722	0.2841	0.5162	0.4838
wIR[22, 1, 2]	0.0014	0.0011	0.1433	-0.2813	0.2843	0.5030	0.4970
wIR[23, 1, 2]	-0.0230	-0.0222	0.1464	-0.3152	0.2640	0.4382	0.5618
wIR[24, 1, 2]	-0.0140	-0.0144	0.1502	-0.3105	0.2795	0.4621	0.5379
wIR[25, 1, 2]	0.0006	0.0013	0.1476	-0.2906	0.2896	0.5036	0.4964
wIR[26, 1, 2]	-0.0348	-0.0344	0.1447	-0.3216	0.2483	0.4060	0.5940
wIR[27, 1, 2]	-0.0361	-0.0349	0.1441	-0.3229	0.2426	0.4027	0.5973
wIR[28, 1, 2]	0.0086	0.0081	0.1415	-0.2694	0.2877	0.5235	0.4765
wIR[29, 1, 2]	-0.0229	-0.0229	0.1465	-0.3133	0.2624	0.4382	0.5618
wIR[30, 1, 2]	0.0439	0.0435	0.1408	-0.2306	0.3231	0.6227	0.3773
wIR[31, 1, 2]	0.0116	0.0115	0.1449	-0.2731	0.2947	0.5324	0.4676
wIR[32, 1, 2]	-0.0299	-0.0292	0.1420	-0.3094	0.2454	0.4179	0.5821
wIR[33, 1, 2]	-0.0026	-0.0031	0.1428	-0.2840	0.2782	0.4908	0.5092
wIR[34, 1, 2]	-0.0397	-0.0391	0.1436	-0.3240	0.2426	0.3922	0.6078
wIR[35, 1, 2]	-0.0316	-0.0303	0.1464	-0.3221	0.2517	0.4155	0.5845
wIR[36, 1, 2]	-0.0109	-0.0111	0.1468	-0.3003	0.2760	0.4689	0.5311
wIR[37, 1, 2]	-0.0032	-0.0034	0.1471	-0.2918	0.2878	0.4910	0.5090
wIR[38, 1, 2]	0.0005	0.0004	0.1445	-0.2835	0.2829	0.5008	0.4992
wIR[39, 1, 2]	-0.0022	-0.0022	0.1405	-0.2784	0.2737	0.4934	0.5066
wIR[40, 1, 2]	-0.0006	-0.0003	0.1418	-0.2797	0.2778	0.4989	0.5011
wIR[41, 1, 2]	0.0031	0.0026	0.1418	-0.2754	0.2822	0.5067	0.4933
wIR[42, 1, 2]	0.0194	0.0189	0.1533	-0.2805	0.3237	0.5505	0.4495
wIR[43, 1, 2]	0.0149	0.0141	0.1429	-0.2630	0.2971	0.5408	0.4592
wIR[44, 1, 2]	-0.0246	-0.0238	0.1420	-0.3067	0.2508	0.4322	0.5678
wIR[45, 1, 2]	0.0065	0.0068	0.1427	-0.2741	0.2884	0.5191	0.4809
wIR[46, 1, 2]	-0.0127	-0.0133	0.1442	-0.2971	0.2697	0.4634	0.5366
wIR[47, 1, 2]	0.0006	0.0002	0.1472	-0.2883	0.2894	0.5005	0.4995
wIR[48, 1, 2]	-0.0083	-0.0080	0.1415	-0.2886	0.2707	0.4771	0.5229
wIR[49, 1, 2]	0.0309	0.0306	0.1461	-0.2574	0.3179	0.5845	0.4155
wIR[50, 1, 2]	0.0020	0.0020	0.1425	-0.2769	0.2840	0.5057	0.4943
wIR[1, 2, 2]	0.0072	0.0070	0.1429	-0.2730	0.2894	0.5199	0.4801
wIR[2, 2, 2]	-0.0090	-0.0085	0.1498	-0.3052	0.2847	0.4769	0.5231
wIR[3, 2, 2]	0.0345	0.0343	0.1467	-0.2520	0.3240	0.5923	0.4077
wIR[4, 2, 2]	-0.0090	-0.0085	0.1462	-0.2960	0.2780	0.4755	0.5245
wIR[5, 2, 2]	-0.0117	-0.0116	0.1477	-0.3036	0.2784	0.4668	0.5332
wIR[6, 2, 2]	0.0028	0.0027	0.1470	-0.2861	0.2903	0.5078	0.4922
wIR[7, 2, 2]	-0.0029	-0.0034	0.1442	-0.2857	0.2814	0.4904	0.5096
wIR[8, 2, 2]	0.0094	0.0099	0.1423	-0.2703	0.2904	0.5282	0.4718

wIR[9, 2, 2]	-0.0084	-0.0083	0.1458	-0.2973	0.2778	0.4760	0.5240
wIR[10, 2, 2]	-0.0636	-0.0621	0.1500	-0.3636	0.2278	0.3366	0.6634
wIR[11, 2, 2]	-0.0048	-0.0047	0.1437	-0.2900	0.2792	0.4868	0.5132
wIR[12, 2, 2]	-0.0003	-0.0001	0.1447	-0.2860	0.2851	0.4996	0.5004
wIR[13, 2, 2]	-0.0226	-0.0219	0.1431	-0.3057	0.2604	0.4378	0.5622
wIR[14, 2, 2]	-0.0363	-0.0361	0.1441	-0.3204	0.2452	0.4011	0.5989
wIR[15, 2, 2]	-0.0089	-0.0093	0.1422	-0.2883	0.2701	0.4733	0.5267
wIR[16, 2, 2]	-0.0131	-0.0130	0.1459	-0.2996	0.2736	0.4636	0.5364
wIR[17, 2, 2]	0.0069	0.0069	0.1461	-0.2804	0.2948	0.5190	0.4810
wIR[18, 2, 2]	-0.0035	-0.0044	0.1495	-0.2964	0.2930	0.4877	0.5123
wIR[19, 2, 2]	-0.0008	-0.0004	0.1441	-0.2853	0.2815	0.4987	0.5013
wIR[20, 2, 2]	0.0062	0.0058	0.1476	-0.2829	0.2974	0.5151	0.4849
wIR[21, 2, 2]	0.0013	0.0007	0.1425	-0.2789	0.2836	0.5018	0.4982
wIR[22, 2, 2]	0.0152	0.0143	0.1441	-0.2655	0.2992	0.5399	0.4601
wIR[23, 2, 2]	0.0291	0.0284	0.1472	-0.2576	0.3199	0.5778	0.4222
wIR[24, 2, 2]	-0.0173	-0.0175	0.1510	-0.3146	0.2795	0.4536	0.5464
wIR[25, 2, 2]	0.0006	0.0003	0.1489	-0.2924	0.2936	0.5008	0.4992
wIR[26, 2, 2]	0.0401	0.0395	0.1462	-0.2434	0.3311	0.6077	0.3923
wIR[27, 2, 2]	0.0279	0.0277	0.1448	-0.2538	0.3148	0.5752	0.4248
wIR[28, 2, 2]	-0.0095	-0.0096	0.1420	-0.2892	0.2710	0.4724	0.5276
wIR[29, 2, 2]	-0.0067	-0.0068	0.1488	-0.2994	0.2857	0.4809	0.5191
wIR[30, 2, 2]	0.0026	0.0027	0.1412	-0.2746	0.2809	0.5077	0.4923
wIR[31, 2, 2]	-0.0479	-0.0471	0.1467	-0.3390	0.2389	0.3720	0.6280
wIR[32, 2, 2]	-0.0207	-0.0212	0.1431	-0.3041	0.2605	0.4387	0.5613
wIR[33, 2, 2]	-0.0169	-0.0178	0.1442	-0.3006	0.2659	0.4514	0.5486
wIR[34, 2, 2]	0.0091	0.0088	0.1450	-0.2743	0.2953	0.5247	0.4753
wIR[35, 2, 2]	0.0024	0.0026	0.1479	-0.2871	0.2933	0.5071	0.4929
wIR[36, 2, 2]	-0.0128	-0.0126	0.1482	-0.3060	0.2786	0.4659	0.5341
wIR[37, 2, 2]	-0.0063	-0.0063	0.1488	-0.3009	0.2860	0.4828	0.5172
wIR[38, 2, 2]	0.0170	0.0170	0.1459	-0.2702	0.3032	0.5462	0.4538
wIR[39, 2, 2]	0.0335	0.0333	0.1417	-0.2451	0.3125	0.5937	0.4063
wIR[40, 2, 2]	0.0035	0.0035	0.1423	-0.2755	0.2818	0.5102	0.4898
wIR[41, 2, 2]	0.0003	0.0004	0.1427	-0.2809	0.2817	0.5012	0.4988
wIR[42, 2, 2]	0.0207	0.0200	0.1546	-0.2821	0.3279	0.5529	0.4471
wIR[43, 2, 2]	-0.0242	-0.0239	0.1441	-0.3098	0.2582	0.4331	0.5669
wIR[44, 2, 2]	0.0120	0.0106	0.1439	-0.2695	0.2974	0.5300	0.4700
wIR[45, 2, 2]	0.0442	0.0426	0.1433	-0.2358	0.3290	0.6200	0.3800
wIR[46, 2, 2]	-0.0135	-0.0131	0.1458	-0.3007	0.2717	0.4634	0.5366
wIR[47, 2, 2]	0.0002	0.0003	0.1481	-0.2918	0.2930	0.5009	0.4991
wIR[48, 2, 2]	0.0234	0.0221	0.1420	-0.2556	0.3047	0.5640	0.4360
wIR[49, 2, 2]	0.0009	0.0008	0.1470	-0.2880	0.2907	0.5023	0.4977
wIR[50, 2, 2]	-0.0079	-0.0082	0.1426	-0.2877	0.2728	0.4771	0.5229
wIR[1, 3, 2]	0.0110	0.0106	0.1448	-0.2732	0.2982	0.5296	0.4704
wIR[2, 3, 2]	0.0032	0.0029	0.1518	-0.2941	0.3035	0.5077	0.4923
wIR[3, 3, 2]	-0.0021	-0.0021	0.1495	-0.2966	0.2912	0.4946	0.5054
wIR[4, 3, 2]	-0.0070	-0.0064	0.1489	-0.3010	0.2831	0.4824	0.5176
wIR[5, 3, 2]	0.0059	0.0063	0.1495	-0.2905	0.2998	0.5168	0.4832
wIR[6, 3, 2]	-0.0018	-0.0014	0.1485	-0.2946	0.2883	0.4962	0.5038
wIR[7, 3, 2]	-0.0018	-0.0021	0.1470	-0.2925	0.2861	0.4948	0.5052
wIR[8, 3, 2]	0.0071	0.0068	0.1444	-0.2771	0.2913	0.5186	0.4814

wIR[9, 3, 2]	-0.0265	-0.0257	0.1484	-0.3181	0.2646	0.4295	0.5705
wIR[10, 3, 2]	0.0060	0.0061	0.1522	-0.2902	0.3068	0.5159	0.4841
wIR[11, 3, 2]	0.0001	0.0001	0.1460	-0.2858	0.2885	0.5003	0.4997
wIR[12, 3, 2]	0.0061	0.0053	0.1475	-0.2835	0.3001	0.5145	0.4855
wIR[13, 3, 2]	0.0045	0.0048	0.1450	-0.2797	0.2891	0.5130	0.4870
wIR[14, 3, 2]	0.0010	0.0006	0.1461	-0.2857	0.2886	0.5018	0.4982
wIR[15, 3, 2]	0.0085	0.0082	0.1437	-0.2727	0.2912	0.5235	0.4765
wIR[16, 3, 2]	0.0082	0.0080	0.1472	-0.2806	0.2963	0.5219	0.4781
wIR[17, 3, 2]	0.0123	0.0126	0.1489	-0.2797	0.3069	0.5340	0.4660
wIR[18, 3, 2]	0.0023	0.0024	0.1528	-0.2980	0.3043	0.5061	0.4939
wIR[19, 3, 2]	0.0035	0.0036	0.1454	-0.2831	0.2884	0.5099	0.4901
wIR[20, 3, 2]	0.0134	0.0124	0.1502	-0.2797	0.3094	0.5342	0.4658
wIR[21, 3, 2]	-0.0086	-0.0075	0.1452	-0.2965	0.2748	0.4790	0.5210
wIR[22, 3, 2]	0.0000	0.0002	0.1460	-0.2881	0.2874	0.5005	0.4995
wIR[23, 3, 2]	-0.0212	-0.0208	0.1490	-0.3161	0.2707	0.4435	0.5565
wIR[24, 3, 2]	-0.0033	-0.0028	0.1527	-0.3054	0.2963	0.4924	0.5076
wIR[25, 3, 2]	-0.0002	-0.0007	0.1501	-0.2953	0.2954	0.4980	0.5020
wIR[26, 3, 2]	-0.0124	-0.0118	0.1479	-0.3048	0.2789	0.4680	0.5320
wIR[27, 3, 2]	0.0038	0.0037	0.1473	-0.2878	0.2932	0.5110	0.4890
wIR[28, 3, 2]	-0.0193	-0.0190	0.1450	-0.3044	0.2651	0.4456	0.5544
wIR[29, 3, 2]	-0.0308	-0.0299	0.1507	-0.3301	0.2652	0.4205	0.5795
wIR[30, 3, 2]	0.0056	0.0052	0.1439	-0.2750	0.2896	0.5147	0.4853
wIR[31, 3, 2]	-0.0038	-0.0037	0.1478	-0.2953	0.2861	0.4895	0.5105
wIR[32, 3, 2]	0.0053	0.0053	0.1457	-0.2797	0.2929	0.5147	0.4853
wIR[33, 3, 2]	-0.0025	-0.0028	0.1462	-0.2899	0.2847	0.4922	0.5078
wIR[34, 3, 2]	-0.0010	-0.0010	0.1472	-0.2899	0.2871	0.4974	0.5026
wIR[35, 3, 2]	0.0154	0.0145	0.1497	-0.2780	0.3118	0.5398	0.4602
wIR[36, 3, 2]	0.0087	0.0083	0.1507	-0.2870	0.3046	0.5226	0.4774
wIR[37, 3, 2]	-0.0066	-0.0058	0.1514	-0.3046	0.2911	0.4850	0.5150
wIR[38, 3, 2]	0.0106	0.0103	0.1477	-0.2812	0.2999	0.5285	0.4715
wIR[39, 3, 2]	-0.0110	-0.0107	0.1443	-0.2969	0.2719	0.4692	0.5308
wIR[40, 3, 2]	0.0083	0.0087	0.1448	-0.2763	0.2925	0.5239	0.4761
wIR[41, 3, 2]	-0.0022	-0.0022	0.1445	-0.2884	0.2809	0.4935	0.5065
wIR[42, 3, 2]	-0.0337	-0.0326	0.1582	-0.3481	0.2738	0.4173	0.5827
wIR[43, 3, 2]	0.0084	0.0080	0.1453	-0.2767	0.2956	0.5228	0.4772
wIR[44, 3, 2]	-0.0017	-0.0020	0.1459	-0.2876	0.2875	0.4947	0.5053
wIR[45, 3, 2]	-0.0415	-0.0404	0.1451	-0.3302	0.2403	0.3885	0.6115
wIR[46, 3, 2]	-0.0070	-0.0063	0.1479	-0.3014	0.2848	0.4831	0.5169
wIR[47, 3, 2]	0.0000	0.0009	0.1497	-0.2974	0.2921	0.5021	0.4979
wIR[48, 3, 2]	0.0039	0.0040	0.1445	-0.2797	0.2883	0.5114	0.4886
wIR[49, 3, 2]	0.0150	0.0145	0.1490	-0.2793	0.3088	0.5397	0.4603
wIR[50, 3, 2]	0.0074	0.0071	0.1454	-0.2772	0.2956	0.5194	0.4806
wIR[1, 4, 2]	-0.0376	-0.0378	0.1422	-0.3189	0.2398	0.3954	0.6046
wIR[2, 4, 2]	-0.0297	-0.0294	0.1489	-0.3238	0.2610	0.4193	0.5807
wIR[3, 4, 2]	-0.0201	-0.0205	0.1471	-0.3115	0.2693	0.4438	0.5562
wIR[4, 4, 2]	0.0040	0.0046	0.1456	-0.2832	0.2895	0.5123	0.4877
wIR[5, 4, 2]	0.0047	0.0047	0.1471	-0.2836	0.2955	0.5126	0.4874
wIR[6, 4, 2]	-0.0180	-0.0176	0.1454	-0.3046	0.2668	0.4510	0.5490
wIR[7, 4, 2]	0.0168	0.0164	0.1444	-0.2664	0.3020	0.5453	0.4547
wIR[8, 4, 2]	-0.0065	-0.0066	0.1412	-0.2836	0.2710	0.4808	0.5192

wIR[9, 4, 2]	-0.0362	-0.0360	0.1451	-0.3221	0.2480	0.4004	0.5996
wIR[10, 4, 2]	-0.0035	-0.0031	0.1493	-0.2968	0.2894	0.4920	0.5080
wIR[11, 4, 2]	0.0214	0.0206	0.1435	-0.2609	0.3047	0.5586	0.4414
wIR[12, 4, 2]	0.0290	0.0290	0.1446	-0.2538	0.3142	0.5797	0.4203
wIR[13, 4, 2]	-0.0065	-0.0067	0.1419	-0.2847	0.2724	0.4815	0.5185
wIR[14, 4, 2]	-0.0002	-0.0006	0.1433	-0.2814	0.2832	0.4981	0.5019
wIR[15, 4, 2]	-0.0007	-0.0004	0.1414	-0.2800	0.2762	0.4988	0.5012
wIR[16, 4, 2]	0.0273	0.0269	0.1439	-0.2532	0.3111	0.5743	0.4257
wIR[17, 4, 2]	-0.0199	-0.0200	0.1461	-0.3083	0.2662	0.4445	0.5555
wIR[18, 4, 2]	0.0137	0.0138	0.1495	-0.2781	0.3074	0.5373	0.4627
wIR[19, 4, 2]	-0.0008	-0.0005	0.1437	-0.2844	0.2830	0.4982	0.5018
wIR[20, 4, 2]	-0.0318	-0.0320	0.1466	-0.3225	0.2559	0.4124	0.5876
wIR[21, 4, 2]	-0.0212	-0.0204	0.1426	-0.3034	0.2579	0.4413	0.5587
wIR[22, 4, 2]	-0.0136	-0.0135	0.1433	-0.2957	0.2677	0.4628	0.5372
wIR[23, 4, 2]	0.0579	0.0570	0.1469	-0.2299	0.3512	0.6547	0.3453
wIR[24, 4, 2]	0.0577	0.0565	0.1508	-0.2351	0.3576	0.6477	0.3523
wIR[25, 4, 2]	0.0006	0.0008	0.1475	-0.2908	0.2910	0.5020	0.4980
wIR[26, 4, 2]	0.0245	0.0238	0.1443	-0.2588	0.3093	0.5672	0.4328
wIR[27, 4, 2]	0.0370	0.0364	0.1439	-0.2437	0.3218	0.6010	0.3990
wIR[28, 4, 2]	0.0108	0.0104	0.1419	-0.2658	0.2908	0.5292	0.4708
wIR[29, 4, 2]	0.0208	0.0197	0.1475	-0.2665	0.3149	0.5525	0.4475
wIR[30, 4, 2]	-0.0002	0.0001	0.1407	-0.2761	0.2763	0.5003	0.4997
wIR[31, 4, 2]	-0.0405	-0.0405	0.1454	-0.3297	0.2438	0.3876	0.6124
wIR[32, 4, 2]	0.0124	0.0122	0.1425	-0.2674	0.2930	0.5347	0.4653
wIR[33, 4, 2]	0.0097	0.0104	0.1432	-0.2719	0.2912	0.5295	0.4705
wIR[34, 4, 2]	0.0078	0.0075	0.1442	-0.2735	0.2931	0.5214	0.4786
wIR[35, 4, 2]	0.0291	0.0284	0.1471	-0.2590	0.3220	0.5773	0.4227
wIR[36, 4, 2]	-0.0164	-0.0156	0.1468	-0.3069	0.2717	0.4568	0.5432
wIR[37, 4, 2]	-0.0410	-0.0400	0.1484	-0.3350	0.2474	0.3919	0.6081
wIR[38, 4, 2]	-0.0457	-0.0449	0.1453	-0.3336	0.2367	0.3776	0.6224
wIR[39, 4, 2]	0.0070	0.0071	0.1413	-0.2700	0.2859	0.5202	0.4798
wIR[40, 4, 2]	0.0055	0.0044	0.1427	-0.2733	0.2869	0.5133	0.4867
wIR[41, 4, 2]	-0.0046	-0.0042	0.1418	-0.2825	0.2750	0.4871	0.5129
wIR[42, 4, 2]	-0.0171	-0.0171	0.1535	-0.3189	0.2850	0.4553	0.5447
wIR[43, 4, 2]	0.0194	0.0191	0.1434	-0.2629	0.3008	0.5548	0.4452
wIR[44, 4, 2]	0.0475	0.0476	0.1428	-0.2325	0.3334	0.6323	0.3677
wIR[45, 4, 2]	-0.0213	-0.0210	0.1432	-0.3049	0.2606	0.4430	0.5570
wIR[46, 4, 2]	0.0463	0.0447	0.1461	-0.2378	0.3378	0.6237	0.3763
wIR[47, 4, 2]	-0.0013	-0.0009	0.1471	-0.2913	0.2878	0.4975	0.5025
wIR[48, 4, 2]	0.0310	0.0308	0.1417	-0.2482	0.3111	0.5862	0.4138
wIR[49, 4, 2]	0.0043	0.0044	0.1459	-0.2823	0.2925	0.5120	0.4880
wIR[50, 4, 2]	0.0107	0.0108	0.1431	-0.2689	0.2930	0.5304	0.4696
wIR[1, 5, 2]	0.0143	0.0148	0.1410	-0.2638	0.2911	0.5418	0.4582
wIR[2, 5, 2]	0.0237	0.0232	0.1473	-0.2646	0.3156	0.5640	0.4360
wIR[3, 5, 2]	-0.0325	-0.0321	0.1454	-0.3209	0.2513	0.4106	0.5894
wIR[4, 5, 2]	0.0180	0.0185	0.1437	-0.2640	0.3010	0.5504	0.4496
wIR[5, 5, 2]	0.0568	0.0558	0.1448	-0.2240	0.3443	0.6532	0.3468
wIR[6, 5, 2]	0.0132	0.0131	0.1461	-0.2763	0.3023	0.5363	0.4637
wIR[7, 5, 2]	0.0015	0.0014	0.1428	-0.2780	0.2805	0.5038	0.4962
wIR[8, 5, 2]	-0.0418	-0.0406	0.1399	-0.3194	0.2297	0.3849	0.6151

wIR[9, 5, 2]	0.0193	0.0191	0.1438	-0.2626	0.3028	0.5527	0.4473
wIR[10, 5, 2]	0.0610	0.0591	0.1467	-0.2236	0.3551	0.6610	0.3390
wIR[11, 5, 2]	-0.0295	-0.0291	0.1411	-0.3098	0.2441	0.4168	0.5832
wIR[12, 5, 2]	0.0093	0.0086	0.1432	-0.2720	0.2927	0.5240	0.4760
wIR[13, 5, 2]	0.0133	0.0130	0.1408	-0.2624	0.2915	0.5378	0.4622
wIR[14, 5, 2]	0.0556	0.0540	0.1429	-0.2208	0.3402	0.6515	0.3485
wIR[15, 5, 2]	0.0236	0.0234	0.1402	-0.2515	0.2995	0.5664	0.4336
wIR[16, 5, 2]	0.0290	0.0290	0.1431	-0.2515	0.3115	0.5817	0.4183
wIR[17, 5, 2]	-0.0001	0.0002	0.1445	-0.2837	0.2838	0.5006	0.4994
wIR[18, 5, 2]	-0.0107	-0.0103	0.1469	-0.2993	0.2773	0.4727	0.5273
wIR[19, 5, 2]	-0.0058	-0.0053	0.1441	-0.2888	0.2749	0.4851	0.5149
wIR[20, 5, 2]	-0.0421	-0.0419	0.1455	-0.3287	0.2428	0.3859	0.6141
wIR[21, 5, 2]	-0.0203	-0.0201	0.1413	-0.2985	0.2557	0.4429	0.5571
wIR[22, 5, 2]	-0.0331	-0.0327	0.1427	-0.3149	0.2458	0.4084	0.5916
wIR[23, 5, 2]	-0.0369	-0.0358	0.1453	-0.3252	0.2456	0.4012	0.5988
wIR[24, 5, 2]	-0.0180	-0.0179	0.1491	-0.3123	0.2768	0.4522	0.5478
wIR[25, 5, 2]	-0.0005	-0.0004	0.1478	-0.2915	0.2912	0.4990	0.5010
wIR[26, 5, 2]	-0.0242	-0.0236	0.1435	-0.3084	0.2562	0.4347	0.5653
wIR[27, 5, 2]	-0.0263	-0.0268	0.1423	-0.3072	0.2528	0.4256	0.5744
wIR[28, 5, 2]	0.0203	0.0198	0.1404	-0.2543	0.2987	0.5563	0.4437
wIR[29, 5, 2]	0.0412	0.0405	0.1460	-0.2432	0.3292	0.6110	0.3890
wIR[30, 5, 2]	-0.0185	-0.0182	0.1404	-0.2962	0.2561	0.4481	0.5519
wIR[31, 5, 2]	0.0049	0.0048	0.1441	-0.2773	0.2890	0.5127	0.4873
wIR[32, 5, 2]	0.0393	0.0382	0.1414	-0.2367	0.3203	0.6085	0.3915
wIR[33, 5, 2]	0.0349	0.0346	0.1415	-0.2426	0.3131	0.5989	0.4011
wIR[34, 5, 2]	0.0544	0.0531	0.1422	-0.2238	0.3362	0.6475	0.3525
wIR[35, 5, 2]	0.0077	0.0077	0.1453	-0.2771	0.2937	0.5207	0.4793
wIR[36, 5, 2]	0.0369	0.0353	0.1446	-0.2443	0.3248	0.5980	0.4020
wIR[37, 5, 2]	0.0327	0.0315	0.1466	-0.2538	0.3220	0.5863	0.4137
wIR[38, 5, 2]	-0.0310	-0.0310	0.1429	-0.3131	0.2495	0.4146	0.5854
wIR[39, 5, 2]	-0.0389	-0.0384	0.1396	-0.3167	0.2349	0.3901	0.6099
wIR[40, 5, 2]	-0.0280	-0.0275	0.1394	-0.3053	0.2457	0.4225	0.5775
wIR[41, 5, 2]	-0.0252	-0.0251	0.1405	-0.3026	0.2514	0.4280	0.5720
wIR[42, 5, 2]	0.0032	0.0031	0.1519	-0.2973	0.3009	0.5080	0.4920
wIR[43, 5, 2]	0.0120	0.0120	0.1415	-0.2668	0.2904	0.5340	0.4660
wIR[44, 5, 2]	-0.0098	-0.0095	0.1408	-0.2897	0.2650	0.4723	0.5277
wIR[45, 5, 2]	0.0067	0.0068	0.1406	-0.2688	0.2839	0.5190	0.4810
wIR[46, 5, 2]	-0.0004	-0.0002	0.1445	-0.2859	0.2859	0.4996	0.5004
wIR[47, 5, 2]	-0.0002	-0.0001	0.1475	-0.2909	0.2901	0.4997	0.5003
wIR[48, 5, 2]	-0.0327	-0.0326	0.1399	-0.3093	0.2420	0.4072	0.5928
wIR[49, 5, 2]	-0.0052	-0.0053	0.1450	-0.2918	0.2792	0.4852	0.5148
wIR[50, 5, 2]	0.0057	0.0053	0.1413	-0.2723	0.2832	0.5154	0.4846
wIR[1, 6, 2]	-0.0226	-0.0221	0.1447	-0.3082	0.2621	0.4385	0.5615
wIR[2, 6, 2]	-0.0358	-0.0352	0.1518	-0.3343	0.2628	0.4068	0.5932
wIR[3, 6, 2]	-0.0015	-0.0013	0.1493	-0.2978	0.2925	0.4966	0.5034
wIR[4, 6, 2]	-0.0029	-0.0025	0.1469	-0.2919	0.2839	0.4930	0.5070
wIR[5, 6, 2]	-0.0603	-0.0590	0.1482	-0.3543	0.2281	0.3440	0.6560
wIR[6, 6, 2]	-0.0221	-0.0220	0.1481	-0.3138	0.2684	0.4387	0.5613
wIR[7, 6, 2]	-0.0022	-0.0027	0.1461	-0.2902	0.2870	0.4928	0.5072
wIR[8, 6, 2]	0.0093	0.0091	0.1440	-0.2718	0.2936	0.5263	0.4737

wIR[9, 6, 2]	-0.0080	-0.0079	0.1469	-0.2952	0.2813	0.4792	0.5208
wIR[10, 6, 2]	-0.0184	-0.0184	0.1511	-0.3166	0.2793	0.4518	0.5482
wIR[11, 6, 2]	0.0031	0.0032	0.1457	-0.2839	0.2912	0.5082	0.4918
wIR[12, 6, 2]	0.0009	0.0008	0.1460	-0.2836	0.2876	0.5022	0.4978
wIR[13, 6, 2]	-0.0182	-0.0174	0.1443	-0.3052	0.2669	0.4503	0.5497
wIR[14, 6, 2]	0.0008	0.0008	0.1452	-0.2830	0.2842	0.5025	0.4975
wIR[15, 6, 2]	-0.0093	-0.0089	0.1438	-0.2931	0.2715	0.4750	0.5250
wIR[16, 6, 2]	-0.0195	-0.0190	0.1465	-0.3098	0.2683	0.4454	0.5546
wIR[17, 6, 2]	-0.0179	-0.0174	0.1477	-0.3095	0.2722	0.4525	0.5475
wIR[18, 6, 2]	0.0111	0.0115	0.1505	-0.2846	0.3073	0.5297	0.4703
wIR[19, 6, 2]	-0.0008	-0.0007	0.1455	-0.2884	0.2865	0.4983	0.5017
wIR[20, 6, 2]	0.0090	0.0087	0.1494	-0.2838	0.3047	0.5236	0.4764
wIR[21, 6, 2]	-0.0012	-0.0017	0.1444	-0.2842	0.2830	0.4954	0.5046
wIR[22, 6, 2]	0.0129	0.0124	0.1458	-0.2725	0.3014	0.5342	0.4658
wIR[23, 6, 2]	0.0323	0.0323	0.1483	-0.2581	0.3247	0.5871	0.4129
wIR[24, 6, 2]	0.0227	0.0230	0.1522	-0.2768	0.3208	0.5612	0.4388
wIR[25, 6, 2]	0.0010	0.0012	0.1501	-0.2933	0.2982	0.5030	0.4970
wIR[26, 6, 2]	0.0355	0.0348	0.1480	-0.2551	0.3265	0.5949	0.4051
wIR[27, 6, 2]	0.0347	0.0329	0.1458	-0.2493	0.3244	0.5903	0.4097
wIR[28, 6, 2]	0.0079	0.0080	0.1438	-0.2751	0.2891	0.5226	0.4774
wIR[29, 6, 2]	-0.0110	-0.0116	0.1490	-0.3019	0.2851	0.4689	0.5311
wIR[30, 6, 2]	0.0190	0.0183	0.1428	-0.2591	0.3026	0.5518	0.4482
wIR[31, 6, 2]	-0.0336	-0.0336	0.1478	-0.3232	0.2573	0.4092	0.5908
wIR[32, 6, 2]	-0.0398	-0.0391	0.1446	-0.3270	0.2451	0.3905	0.6095
wIR[33, 6, 2]	-0.0117	-0.0114	0.1457	-0.2991	0.2747	0.4682	0.5318
wIR[34, 6, 2]	-0.0382	-0.0378	0.1464	-0.3285	0.2481	0.3979	0.6021
wIR[35, 6, 2]	-0.0009	-0.0005	0.1479	-0.2945	0.2879	0.4987	0.5013
wIR[36, 6, 2]	-0.0114	-0.0111	0.1486	-0.3034	0.2808	0.4687	0.5313
wIR[37, 6, 2]	-0.0380	-0.0371	0.1499	-0.3354	0.2555	0.4008	0.5992
wIR[38, 6, 2]	0.0092	0.0089	0.1472	-0.2785	0.3016	0.5240	0.4760
wIR[39, 6, 2]	0.0151	0.0149	0.1429	-0.2652	0.2973	0.5413	0.4587
wIR[40, 6, 2]	0.0106	0.0108	0.1440	-0.2716	0.2928	0.5297	0.4703
wIR[41, 6, 2]	-0.0067	-0.0061	0.1430	-0.2901	0.2740	0.4820	0.5180
wIR[42, 6, 2]	-0.0378	-0.0367	0.1555	-0.3460	0.2679	0.4040	0.5960
wIR[43, 6, 2]	-0.0017	-0.0009	0.1450	-0.2877	0.2849	0.4974	0.5026
wIR[44, 6, 2]	0.0238	0.0235	0.1443	-0.2594	0.3095	0.5654	0.4346
wIR[45, 6, 2]	-0.0075	-0.0073	0.1444	-0.2910	0.2771	0.4798	0.5202
wIR[46, 6, 2]	0.0057	0.0054	0.1472	-0.2828	0.2960	0.5144	0.4856
wIR[47, 6, 2]	-0.0009	-0.0005	0.1500	-0.2963	0.2947	0.4987	0.5013
wIR[48, 6, 2]	0.0079	0.0082	0.1440	-0.2756	0.2910	0.5226	0.4774
wIR[49, 6, 2]	0.0047	0.0046	0.1485	-0.2872	0.2978	0.5131	0.4869
wIR[50, 6, 2]	0.0026	0.0028	0.1436	-0.2818	0.2867	0.5075	0.4925
wIR[1, 1, 3]	-0.0112	-0.0110	0.1442	-0.2952	0.2706	0.4704	0.5296
wIR[2, 1, 3]	-0.0491	-0.0487	0.1418	-0.3287	0.2282	0.3635	0.6365
wIR[3, 1, 3]	-0.0010	-0.0010	0.1470	-0.2904	0.2871	0.4973	0.5027
wIR[4, 1, 3]	-0.0042	-0.0047	0.1467	-0.2918	0.2843	0.4876	0.5124
wIR[5, 1, 3]	-0.0239	-0.0234	0.1497	-0.3178	0.2695	0.4378	0.5622
wIR[6, 1, 3]	-0.0398	-0.0391	0.1415	-0.3202	0.2370	0.3909	0.6091
wIR[7, 1, 3]	-0.0458	-0.0455	0.1461	-0.3352	0.2378	0.3763	0.6237
wIR[8, 1, 3]	-0.0141	-0.0136	0.1462	-0.3024	0.2716	0.4632	0.5368

wIR[9, 1, 3]	-0.0467	-0.0456	0.1441	-0.3323	0.2335	0.3738	0.6262
wIR[10, 1, 3]	-0.0182	-0.0183	0.1434	-0.3012	0.2630	0.4482	0.5518
wIR[11, 1, 3]	0.0121	0.0114	0.1460	-0.2740	0.3020	0.5310	0.4690
wIR[12, 1, 3]	0.0410	0.0397	0.1584	-0.2685	0.3522	0.6017	0.3983
wIR[13, 1, 3]	0.0020	0.0025	0.1476	-0.2887	0.2934	0.5071	0.4929
wIR[14, 1, 3]	-0.0038	-0.0042	0.1430	-0.2838	0.2784	0.4879	0.5121
wIR[15, 1, 3]	0.0094	0.0097	0.1463	-0.2787	0.2986	0.5254	0.4746
wIR[16, 1, 3]	0.0303	0.0285	0.1512	-0.2646	0.3317	0.5771	0.4229
wIR[17, 1, 3]	0.0068	0.0068	0.1443	-0.2765	0.2937	0.5191	0.4809
wIR[18, 1, 3]	0.0018	0.0020	0.1442	-0.2823	0.2871	0.5053	0.4947
wIR[19, 1, 3]	0.0068	0.0065	0.1416	-0.2718	0.2859	0.5189	0.4811
wIR[20, 1, 3]	-0.0220	-0.0218	0.1465	-0.3120	0.2655	0.4388	0.5612
wIR[21, 1, 3]	-0.0266	-0.0255	0.1432	-0.3088	0.2530	0.4264	0.5736
wIR[22, 1, 3]	-0.0066	-0.0067	0.1441	-0.2893	0.2779	0.4806	0.5194
wIR[23, 1, 3]	0.0251	0.0245	0.1445	-0.2584	0.3103	0.5685	0.4315
wIR[24, 1, 3]	0.0392	0.0388	0.1448	-0.2440	0.3265	0.6077	0.3923
wIR[25, 1, 3]	0.0001	0.0005	0.1472	-0.2915	0.2912	0.5012	0.4988
wIR[26, 1, 3]	-0.0305	-0.0302	0.1451	-0.3148	0.2538	0.4164	0.5836
wIR[27, 1, 3]	-0.0074	-0.0076	0.1442	-0.2914	0.2770	0.4791	0.5209
wIR[28, 1, 3]	0.0020	0.0025	0.1423	-0.2784	0.2830	0.5073	0.4927
wIR[29, 1, 3]	-0.0474	-0.0465	0.1453	-0.3360	0.2388	0.3722	0.6278
wIR[30, 1, 3]	0.0053	0.0048	0.1472	-0.2820	0.2958	0.5127	0.4873
wIR[31, 1, 3]	-0.0238	-0.0233	0.1466	-0.3130	0.2643	0.4368	0.5632
wIR[32, 1, 3]	-0.0242	-0.0239	0.1437	-0.3060	0.2571	0.4352	0.5648
wIR[33, 1, 3]	0.0126	0.0124	0.1440	-0.2708	0.2958	0.5354	0.4646
wIR[34, 1, 3]	-0.0225	-0.0227	0.1448	-0.3080	0.2609	0.4378	0.5622
wIR[35, 1, 3]	0.0418	0.0405	0.1458	-0.2412	0.3324	0.6114	0.3886
wIR[36, 1, 3]	-0.0344	-0.0337	0.1453	-0.3233	0.2495	0.4066	0.5934
wIR[37, 1, 3]	-0.0540	-0.0530	0.1472	-0.3461	0.2321	0.3568	0.6432
wIR[38, 1, 3]	-0.0447	-0.0436	0.1460	-0.3347	0.2380	0.3801	0.6199
wIR[39, 1, 3]	0.0112	0.0111	0.1454	-0.2736	0.2977	0.5309	0.4691
wIR[40, 1, 3]	0.0094	0.0094	0.1442	-0.2726	0.2944	0.5266	0.4734
wIR[41, 1, 3]	-0.0076	-0.0078	0.1441	-0.2913	0.2769	0.4781	0.5219
wIR[42, 1, 3]	-0.0472	-0.0464	0.1438	-0.3320	0.2348	0.3722	0.6278
wIR[43, 1, 3]	0.0032	0.0033	0.1446	-0.2806	0.2897	0.5084	0.4916
wIR[44, 1, 3]	0.0236	0.0233	0.1478	-0.2691	0.3162	0.5626	0.4374
wIR[45, 1, 3]	-0.0155	-0.0150	0.1463	-0.3029	0.2715	0.4584	0.5416
wIR[46, 1, 3]	-0.0148	-0.0146	0.1416	-0.2938	0.2655	0.4584	0.5416
wIR[47, 1, 3]	0.0006	0.0011	0.1477	-0.2911	0.2916	0.5033	0.4967
wIR[48, 1, 3]	0.0322	0.0316	0.1483	-0.2566	0.3262	0.5856	0.4144
wIR[49, 1, 3]	-0.0367	-0.0363	0.1442	-0.3212	0.2456	0.3986	0.6014
wIR[50, 1, 3]	-0.0404	-0.0395	0.1451	-0.3288	0.2424	0.3922	0.6078
wIR[1, 2, 3]	0.0018	0.0016	0.1446	-0.2834	0.2864	0.5042	0.4958
wIR[2, 2, 3]	-0.0169	-0.0178	0.1439	-0.3004	0.2669	0.4515	0.5485
wIR[3, 2, 3]	-0.0005	-0.0008	0.1474	-0.2909	0.2880	0.4980	0.5020
wIR[4, 2, 3]	-0.0223	-0.0214	0.1493	-0.3187	0.2699	0.4426	0.5574
wIR[5, 2, 3]	-0.0172	-0.0160	0.1510	-0.3162	0.2770	0.4571	0.5429
wIR[6, 2, 3]	0.0090	0.0089	0.1426	-0.2732	0.2907	0.5256	0.4744
wIR[7, 2, 3]	0.0004	0.0010	0.1477	-0.2911	0.2908	0.5030	0.4970
wIR[8, 2, 3]	0.0162	0.0152	0.1484	-0.2718	0.3095	0.5420	0.4580

wIR[9, 2, 3]	0.0107	0.0101	0.1443	-0.2723	0.2971	0.5292	0.4708
wIR[10, 2, 3]	0.0463	0.0452	0.1437	-0.2337	0.3299	0.6271	0.3729
wIR[11, 2, 3]	-0.0191	-0.0183	0.1479	-0.3119	0.2697	0.4495	0.5505
wIR[12, 2, 3]	0.0160	0.0165	0.1602	-0.3033	0.3290	0.5419	0.4581
wIR[13, 2, 3]	-0.0134	-0.0139	0.1484	-0.3031	0.2800	0.4622	0.5378
wIR[14, 2, 3]	-0.0188	-0.0188	0.1437	-0.3010	0.2631	0.4477	0.5523
wIR[15, 2, 3]	-0.0045	-0.0041	0.1464	-0.2944	0.2833	0.4892	0.5108
wIR[16, 2, 3]	-0.0160	-0.0154	0.1517	-0.3154	0.2808	0.4579	0.5421
wIR[17, 2, 3]	-0.0208	-0.0193	0.1455	-0.3080	0.2641	0.4451	0.5549
wIR[18, 2, 3]	-0.0622	-0.0610	0.1448	-0.3505	0.2182	0.3362	0.6638
wIR[19, 2, 3]	0.0146	0.0142	0.1433	-0.2658	0.2964	0.5408	0.4592
wIR[20, 2, 3]	-0.0045	-0.0047	0.1469	-0.2928	0.2868	0.4871	0.5129
wIR[21, 2, 3]	-0.0141	-0.0138	0.1441	-0.2996	0.2689	0.4623	0.5377
wIR[22, 2, 3]	0.0087	0.0089	0.1454	-0.2780	0.2962	0.5251	0.4749
wIR[23, 2, 3]	-0.0098	-0.0099	0.1446	-0.2961	0.2734	0.4725	0.5275
wIR[24, 2, 3]	-0.0235	-0.0230	0.1463	-0.3123	0.2635	0.4378	0.5622
wIR[25, 2, 3]	-0.0006	-0.0012	0.1486	-0.2937	0.2935	0.4969	0.5031
wIR[26, 2, 3]	-0.0292	-0.0285	0.1467	-0.3182	0.2584	0.4226	0.5774
wIR[27, 2, 3]	-0.0050	-0.0053	0.1452	-0.2907	0.2798	0.4854	0.5146
wIR[28, 2, 3]	-0.0006	-0.0006	0.1433	-0.2834	0.2813	0.4982	0.5018
wIR[29, 2, 3]	0.0229	0.0226	0.1457	-0.2642	0.3091	0.5631	0.4369
wIR[30, 2, 3]	0.0050	0.0043	0.1486	-0.2868	0.2977	0.5114	0.4886
wIR[31, 2, 3]	0.0149	0.0135	0.1474	-0.2729	0.3061	0.5374	0.4626
wIR[32, 2, 3]	-0.0073	-0.0072	0.1451	-0.2942	0.2781	0.4798	0.5202
wIR[33, 2, 3]	-0.0047	-0.0043	0.1450	-0.2916	0.2796	0.4882	0.5118
wIR[34, 2, 3]	0.0011	0.0009	0.1454	-0.2829	0.2856	0.5027	0.4973
wIR[35, 2, 3]	-0.0286	-0.0280	0.1467	-0.3202	0.2579	0.4239	0.5761
wIR[36, 2, 3]	-0.0061	-0.0064	0.1450	-0.2923	0.2814	0.4827	0.5173
wIR[37, 2, 3]	0.0040	0.0035	0.1481	-0.2874	0.2962	0.5089	0.4911
wIR[38, 2, 3]	0.0157	0.0156	0.1470	-0.2741	0.3064	0.5429	0.4571
wIR[39, 2, 3]	-0.0034	-0.0029	0.1476	-0.2944	0.2866	0.4924	0.5076
wIR[40, 2, 3]	-0.0116	-0.0111	0.1452	-0.2981	0.2735	0.4698	0.5302
wIR[41, 2, 3]	0.0103	0.0096	0.1455	-0.2749	0.2967	0.5263	0.4737
wIR[42, 2, 3]	0.0114	0.0111	0.1456	-0.2743	0.2989	0.5306	0.4694
wIR[43, 2, 3]	0.0259	0.0256	0.1464	-0.2620	0.3164	0.5706	0.4294
wIR[44, 2, 3]	-0.0111	-0.0113	0.1486	-0.3043	0.2804	0.4694	0.5306
wIR[45, 2, 3]	-0.0068	-0.0066	0.1471	-0.2970	0.2832	0.4817	0.5183
wIR[46, 2, 3]	-0.0330	-0.0330	0.1431	-0.3154	0.2479	0.4080	0.5920
wIR[47, 2, 3]	0.0000	-0.0001	0.1489	-0.2934	0.2927	0.4997	0.5003
wIR[48, 2, 3]	0.0078	0.0081	0.1484	-0.2836	0.2986	0.5225	0.4775
wIR[49, 2, 3]	0.0181	0.0176	0.1450	-0.2657	0.3044	0.5493	0.4507
wIR[50, 2, 3]	0.0089	0.0091	0.1461	-0.2795	0.2969	0.5249	0.4751
wIR[1, 3, 3]	0.0096	0.0090	0.1484	-0.2825	0.3028	0.5250	0.4750
wIR[2, 3, 3]	0.0058	0.0063	0.1452	-0.2803	0.2909	0.5176	0.4824
wIR[3, 3, 3]	0.0021	0.0020	0.1502	-0.2936	0.2972	0.5052	0.4948
wIR[4, 3, 3]	0.0097	0.0097	0.1511	-0.2865	0.3064	0.5267	0.4733
wIR[5, 3, 3]	-0.0176	-0.0167	0.1531	-0.3215	0.2804	0.4559	0.5441
wIR[6, 3, 3]	0.0079	0.0076	0.1446	-0.2768	0.2930	0.5210	0.4790
wIR[7, 3, 3]	0.0020	0.0025	0.1503	-0.2943	0.2980	0.5066	0.4934
wIR[8, 3, 3]	-0.0046	-0.0046	0.1501	-0.3012	0.2910	0.4876	0.5124

wIR[9, 3, 3]	-0.0062	-0.0055	0.1468	-0.2960	0.2820	0.4849	0.5151
wIR[10, 3, 3]	-0.0099	-0.0098	0.1461	-0.2984	0.2758	0.4726	0.5274
wIR[11, 3, 3]	0.0007	0.0015	0.1505	-0.2982	0.2970	0.5039	0.4961
wIR[12, 3, 3]	-0.0258	-0.0254	0.1639	-0.3494	0.2952	0.4354	0.5646
wIR[13, 3, 3]	0.0126	0.0122	0.1508	-0.2839	0.3133	0.5321	0.4679
wIR[14, 3, 3]	0.0165	0.0173	0.1468	-0.2747	0.3033	0.5470	0.4530
wIR[15, 3, 3]	0.0095	0.0091	0.1490	-0.2841	0.3031	0.5247	0.4753
wIR[16, 3, 3]	0.0167	0.0168	0.1543	-0.2868	0.3219	0.5447	0.4553
wIR[17, 3, 3]	0.0151	0.0150	0.1479	-0.2749	0.3062	0.5410	0.4590
wIR[18, 3, 3]	0.0271	0.0269	0.1469	-0.2589	0.3175	0.5726	0.4274
wIR[19, 3, 3]	-0.0003	-0.0009	0.1448	-0.2832	0.2852	0.4976	0.5024
wIR[20, 3, 3]	-0.0136	-0.0134	0.1496	-0.3081	0.2795	0.4642	0.5358
wIR[21, 3, 3]	-0.0036	-0.0036	0.1469	-0.2923	0.2846	0.4904	0.5096
wIR[22, 3, 3]	-0.0013	-0.0011	0.1479	-0.2934	0.2890	0.4968	0.5032
wIR[23, 3, 3]	-0.0123	-0.0125	0.1481	-0.3034	0.2790	0.4663	0.5337
wIR[24, 3, 3]	0.0178	0.0174	0.1465	-0.2703	0.3081	0.5481	0.4519
wIR[25, 3, 3]	-0.0005	0.0001	0.1506	-0.2966	0.2964	0.5003	0.4997
wIR[26, 3, 3]	0.0183	0.0184	0.1494	-0.2744	0.3122	0.5496	0.4504
wIR[27, 3, 3]	0.0115	0.0113	0.1476	-0.2773	0.3022	0.5306	0.4694
wIR[28, 3, 3]	-0.0060	-0.0060	0.1461	-0.2944	0.2803	0.4835	0.5165
wIR[29, 3, 3]	-0.0077	-0.0073	0.1486	-0.3025	0.2841	0.4805	0.5195
wIR[30, 3, 3]	-0.0037	-0.0037	0.1509	-0.3020	0.2933	0.4894	0.5106
wIR[31, 3, 3]	0.0048	0.0042	0.1496	-0.2895	0.3000	0.5115	0.4885
wIR[32, 3, 3]	0.0052	0.0054	0.1475	-0.2842	0.2938	0.5149	0.4851
wIR[33, 3, 3]	0.0012	0.0006	0.1470	-0.2879	0.2918	0.5015	0.4985
wIR[34, 3, 3]	-0.0018	-0.0021	0.1482	-0.2937	0.2908	0.4947	0.5053
wIR[35, 3, 3]	0.0164	0.0158	0.1501	-0.2779	0.3136	0.5422	0.4578
wIR[36, 3, 3]	0.0183	0.0184	0.1477	-0.2718	0.3094	0.5502	0.4498
wIR[37, 3, 3]	0.0076	0.0079	0.1496	-0.2858	0.3033	0.5214	0.4786
wIR[38, 3, 3]	-0.0076	-0.0083	0.1494	-0.3020	0.2874	0.4777	0.5223
wIR[39, 3, 3]	0.0172	0.0169	0.1503	-0.2777	0.3132	0.5456	0.4544
wIR[40, 3, 3]	-0.0034	-0.0037	0.1474	-0.2938	0.2866	0.4894	0.5106
wIR[41, 3, 3]	-0.0074	-0.0074	0.1483	-0.3010	0.2836	0.4805	0.5195
wIR[42, 3, 3]	-0.0527	-0.0522	0.1481	-0.3463	0.2337	0.3624	0.6376
wIR[43, 3, 3]	-0.0154	-0.0156	0.1493	-0.3096	0.2786	0.4582	0.5418
wIR[44, 3, 3]	0.0109	0.0112	0.1514	-0.2877	0.3098	0.5296	0.4704
wIR[45, 3, 3]	-0.0129	-0.0129	0.1496	-0.3063	0.2820	0.4651	0.5349
wIR[46, 3, 3]	0.0134	0.0132	0.1451	-0.2706	0.2987	0.5355	0.4645
wIR[47, 3, 3]	-0.0008	-0.0004	0.1496	-0.2952	0.2945	0.4988	0.5012
wIR[48, 3, 3]	-0.0024	-0.0025	0.1513	-0.3013	0.2942	0.4932	0.5068
wIR[49, 3, 3]	-0.0055	-0.0060	0.1483	-0.2984	0.2852	0.4844	0.5156
wIR[50, 3, 3]	-0.0009	-0.0007	0.1489	-0.2960	0.2913	0.4980	0.5020
wIR[1, 4, 3]	-0.0095	-0.0094	0.1451	-0.2946	0.2766	0.4745	0.5255
wIR[2, 4, 3]	0.0080	0.0079	0.1419	-0.2705	0.2870	0.5220	0.4780
wIR[3, 4, 3]	-0.0026	-0.0027	0.1473	-0.2926	0.2901	0.4926	0.5074
wIR[4, 4, 3]	0.0045	0.0043	0.1480	-0.2867	0.2969	0.5117	0.4883
wIR[5, 4, 3]	-0.0138	-0.0133	0.1499	-0.3092	0.2811	0.4639	0.5361
wIR[6, 4, 3]	-0.0075	-0.0068	0.1425	-0.2891	0.2710	0.4805	0.5195
wIR[7, 4, 3]	0.0008	0.0013	0.1476	-0.2905	0.2911	0.5036	0.4964
wIR[8, 4, 3]	-0.0227	-0.0223	0.1469	-0.3134	0.2659	0.4391	0.5609

wIR[9, 4, 3]	0.0013	0.0016	0.1444	-0.2812	0.2849	0.5047	0.4953
wIR[10, 4, 3]	0.0104	0.0098	0.1432	-0.2709	0.2918	0.5281	0.4719
wIR[11, 4, 3]	-0.0198	-0.0194	0.1470	-0.3102	0.2691	0.4470	0.5530
wIR[12, 4, 3]	-0.0334	-0.0330	0.1588	-0.3455	0.2782	0.4168	0.5832
wIR[13, 4, 3]	0.0108	0.0114	0.1479	-0.2801	0.3005	0.5310	0.4690
wIR[14, 4, 3]	0.0042	0.0043	0.1443	-0.2806	0.2854	0.5125	0.4875
wIR[15, 4, 3]	-0.0118	-0.0113	0.1460	-0.2990	0.2756	0.4691	0.5309
wIR[16, 4, 3]	-0.0117	-0.0115	0.1516	-0.3095	0.2863	0.4694	0.5306
wIR[17, 4, 3]	-0.0055	-0.0046	0.1441	-0.2875	0.2775	0.4864	0.5136
wIR[18, 4, 3]	0.0008	0.0008	0.1439	-0.2807	0.2825	0.5022	0.4978
wIR[19, 4, 3]	-0.0231	-0.0231	0.1422	-0.3031	0.2547	0.4354	0.5646
wIR[20, 4, 3]	0.0043	0.0033	0.1472	-0.2857	0.2933	0.5093	0.4907
wIR[21, 4, 3]	-0.0073	-0.0071	0.1443	-0.2909	0.2770	0.4801	0.5199
wIR[22, 4, 3]	-0.0081	-0.0080	0.1448	-0.2912	0.2769	0.4779	0.5221
wIR[23, 4, 3]	-0.0110	-0.0111	0.1447	-0.2979	0.2731	0.4688	0.5312
wIR[24, 4, 3]	-0.0278	-0.0270	0.1452	-0.3147	0.2560	0.4241	0.5759
wIR[25, 4, 3]	-0.0006	-0.0003	0.1470	-0.2899	0.2889	0.4993	0.5007
wIR[26, 4, 3]	0.0100	0.0103	0.1468	-0.2793	0.2999	0.5276	0.4724
wIR[27, 4, 3]	-0.0123	-0.0122	0.1452	-0.2972	0.2727	0.4660	0.5340
wIR[28, 4, 3]	0.0007	0.0010	0.1431	-0.2799	0.2809	0.5030	0.4970
wIR[29, 4, 3]	-0.0145	-0.0146	0.1454	-0.3007	0.2710	0.4605	0.5395
wIR[30, 4, 3]	-0.0091	-0.0095	0.1472	-0.2987	0.2808	0.4746	0.5254
wIR[31, 4, 3]	-0.0059	-0.0067	0.1463	-0.2923	0.2832	0.4818	0.5182
wIR[32, 4, 3]	0.0006	0.0010	0.1452	-0.2850	0.2849	0.5027	0.4973
wIR[33, 4, 3]	0.0148	0.0141	0.1447	-0.2687	0.3016	0.5400	0.4600
wIR[34, 4, 3]	0.0061	0.0059	0.1448	-0.2766	0.2916	0.5162	0.4838
wIR[35, 4, 3]	-0.0101	-0.0103	0.1474	-0.3015	0.2784	0.4720	0.5280
wIR[36, 4, 3]	0.0312	0.0305	0.1448	-0.2511	0.3160	0.5847	0.4153
wIR[37, 4, 3]	0.0089	0.0088	0.1476	-0.2807	0.2995	0.5252	0.4748
wIR[38, 4, 3]	0.0197	0.0190	0.1469	-0.2681	0.3078	0.5529	0.4471
wIR[39, 4, 3]	-0.0103	-0.0100	0.1476	-0.3002	0.2787	0.4722	0.5278
wIR[40, 4, 3]	0.0055	0.0056	0.1451	-0.2798	0.2919	0.5161	0.4839
wIR[41, 4, 3]	-0.0223	-0.0222	0.1457	-0.3105	0.2624	0.4384	0.5616
wIR[42, 4, 3]	-0.0072	-0.0066	0.1441	-0.2919	0.2740	0.4825	0.5175
wIR[43, 4, 3]	0.0132	0.0124	0.1465	-0.2743	0.3029	0.5347	0.4653
wIR[44, 4, 3]	-0.0203	-0.0200	0.1482	-0.3124	0.2695	0.4445	0.5555
wIR[45, 4, 3]	0.0097	0.0092	0.1465	-0.2759	0.2972	0.5252	0.4748
wIR[46, 4, 3]	-0.0088	-0.0085	0.1428	-0.2895	0.2727	0.4757	0.5243
wIR[47, 4, 3]	-0.0007	-0.0006	0.1479	-0.2920	0.2926	0.4979	0.5021
wIR[48, 4, 3]	-0.0323	-0.0322	0.1487	-0.3257	0.2585	0.4146	0.5854
wIR[49, 4, 3]	-0.0021	-0.0019	0.1454	-0.2891	0.2846	0.4949	0.5051
wIR[50, 4, 3]	-0.0095	-0.0092	0.1454	-0.2961	0.2755	0.4740	0.5260
wIR[1, 5, 3]	0.0142	0.0132	0.1417	-0.2635	0.2932	0.5381	0.4619
wIR[2, 5, 3]	0.0779	0.0765	0.1403	-0.1942	0.3555	0.7112	0.2888 *
wIR[3, 5, 3]	0.0047	0.0049	0.1473	-0.2851	0.2962	0.5135	0.4865
wIR[4, 5, 3]	-0.0267	-0.0258	0.1461	-0.3166	0.2595	0.4281	0.5719
wIR[5, 5, 3]	0.0645	0.0637	0.1479	-0.2242	0.3578	0.6687	0.3313
wIR[6, 5, 3]	0.0206	0.0209	0.1385	-0.2522	0.2923	0.5607	0.4393
wIR[7, 5, 3]	0.0079	0.0069	0.1445	-0.2747	0.2934	0.5197	0.4803
wIR[8, 5, 3]	-0.0048	-0.0045	0.1454	-0.2911	0.2810	0.4874	0.5126

wIR[9, 5, 3]	-0.0310	-0.0297	0.1414	-0.3124	0.2441	0.4167	0.5833
wIR[10, 5, 3]	-0.0517	-0.0505	0.1422	-0.3353	0.2247	0.3582	0.6418
wIR[11, 5, 3]	0.0547	0.0528	0.1446	-0.2255	0.3415	0.6458	0.3542
wIR[12, 5, 3]	0.0096	0.0094	0.1549	-0.2956	0.3167	0.5242	0.4758
wIR[13, 5, 3]	0.0301	0.0291	0.1452	-0.2510	0.3166	0.5813	0.4187
wIR[14, 5, 3]	0.0471	0.0463	0.1414	-0.2298	0.3271	0.6328	0.3672
wIR[15, 5, 3]	0.0302	0.0295	0.1433	-0.2506	0.3141	0.5816	0.4184
wIR[16, 5, 3]	0.0309	0.0301	0.1484	-0.2592	0.3245	0.5823	0.4177
wIR[17, 5, 3]	0.0755	0.0744	0.1427	-0.2027	0.3574	0.7023	0.2977 *
wIR[18, 5, 3]	0.0515	0.0509	0.1418	-0.2250	0.3321	0.6405	0.3595
wIR[19, 5, 3]	-0.0117	-0.0118	0.1406	-0.2893	0.2647	0.4656	0.5344
wIR[20, 5, 3]	-0.0538	-0.0529	0.1434	-0.3388	0.2262	0.3531	0.6469
wIR[21, 5, 3]	0.0286	0.0281	0.1409	-0.2464	0.3061	0.5808	0.4192
wIR[22, 5, 3]	-0.0344	-0.0341	0.1419	-0.3146	0.2442	0.4022	0.5978
wIR[23, 5, 3]	-0.0144	-0.0146	0.1420	-0.2941	0.2634	0.4580	0.5420
wIR[24, 5, 3]	0.0729	0.0713	0.1430	-0.2045	0.3591	0.6948	0.3052
wIR[25, 5, 3]	-0.0004	-0.0001	0.1477	-0.2941	0.2900	0.4998	0.5002
wIR[26, 5, 3]	-0.0005	-0.0007	0.1439	-0.2837	0.2806	0.4980	0.5020
wIR[27, 5, 3]	-0.0235	-0.0235	0.1426	-0.3041	0.2571	0.4341	0.5659
wIR[28, 5, 3]	0.0211	0.0203	0.1400	-0.2536	0.2984	0.5588	0.4412
wIR[29, 5, 3]	-0.0136	-0.0129	0.1432	-0.2954	0.2666	0.4622	0.5378
wIR[30, 5, 3]	0.0117	0.0118	0.1450	-0.2712	0.2957	0.5320	0.4680
wIR[31, 5, 3]	-0.0221	-0.0217	0.1445	-0.3078	0.2630	0.4393	0.5607
wIR[32, 5, 3]	0.0252	0.0251	0.1425	-0.2554	0.3055	0.5714	0.4286
wIR[33, 5, 3]	0.0196	0.0188	0.1424	-0.2594	0.3010	0.5533	0.4467
wIR[34, 5, 3]	0.0466	0.0464	0.1430	-0.2347	0.3289	0.6286	0.3714
wIR[35, 5, 3]	0.0458	0.0446	0.1446	-0.2357	0.3340	0.6242	0.3758
wIR[36, 5, 3]	-0.0618	-0.0606	0.1425	-0.3440	0.2169	0.3328	0.6672
wIR[37, 5, 3]	0.0262	0.0249	0.1466	-0.2595	0.3154	0.5689	0.4311
wIR[38, 5, 3]	-0.0418	-0.0410	0.1438	-0.3271	0.2370	0.3858	0.6142
wIR[39, 5, 3]	0.0152	0.0142	0.1447	-0.2690	0.3007	0.5401	0.4599
wIR[40, 5, 3]	0.0143	0.0145	0.1423	-0.2658	0.2937	0.5410	0.4590
wIR[41, 5, 3]	0.0011	0.0016	0.1423	-0.2774	0.2828	0.5047	0.4953
wIR[42, 5, 3]	0.0231	0.0229	0.1423	-0.2562	0.3056	0.5650	0.4350
wIR[43, 5, 3]	0.0101	0.0097	0.1434	-0.2715	0.2922	0.5278	0.4722
wIR[44, 5, 3]	-0.0041	-0.0038	0.1459	-0.2888	0.2816	0.4899	0.5101
wIR[45, 5, 3]	0.0222	0.0213	0.1442	-0.2594	0.3083	0.5600	0.4400
wIR[46, 5, 3]	0.0640	0.0632	0.1402	-0.2081	0.3412	0.6765	0.3235
wIR[47, 5, 3]	0.0002	0.0005	0.1483	-0.2907	0.2910	0.5010	0.4990
wIR[48, 5, 3]	-0.0152	-0.0155	0.1451	-0.3017	0.2695	0.4565	0.5435
wIR[49, 5, 3]	0.0423	0.0415	0.1429	-0.2355	0.3256	0.6157	0.3843
wIR[50, 5, 3]	0.0101	0.0094	0.1432	-0.2703	0.2935	0.5263	0.4737
wIR[1, 6, 3]	-0.0381	-0.0370	0.1461	-0.3262	0.2493	0.3986	0.6014
wIR[2, 6, 3]	-0.0474	-0.0477	0.1445	-0.3351	0.2354	0.3708	0.6292
wIR[3, 6, 3]	0.0006	0.0008	0.1493	-0.2928	0.2944	0.5019	0.4981
wIR[4, 6, 3]	0.0272	0.0259	0.1495	-0.2635	0.3250	0.5700	0.4300
wIR[5, 6, 3]	-0.0558	-0.0551	0.1514	-0.3562	0.2392	0.3569	0.6431
wIR[6, 6, 3]	-0.0158	-0.0157	0.1428	-0.2958	0.2651	0.4551	0.5449
wIR[7, 6, 3]	0.0074	0.0065	0.1482	-0.2827	0.2996	0.5183	0.4817
wIR[8, 6, 3]	-0.0003	-0.0003	0.1479	-0.2929	0.2911	0.4990	0.5010

wIR[9, 6, 3]	0.0345	0.0341	0.1448	-0.2481	0.3206	0.5943	0.4057
wIR[10, 6, 3]	0.0516	0.0505	0.1442	-0.2286	0.3378	0.6400	0.3600
wIR[11, 6, 3]	-0.0377	-0.0376	0.1489	-0.3305	0.2548	0.4005	0.5995
wIR[12, 6, 3]	-0.0198	-0.0195	0.1599	-0.3363	0.2930	0.4522	0.5478
wIR[13, 6, 3]	-0.0080	-0.0084	0.1496	-0.3018	0.2855	0.4768	0.5232
wIR[14, 6, 3]	-0.0090	-0.0088	0.1454	-0.2953	0.2761	0.4758	0.5242
wIR[15, 6, 3]	-0.0224	-0.0230	0.1471	-0.3138	0.2669	0.4379	0.5621
wIR[16, 6, 3]	-0.0311	-0.0306	0.1530	-0.3310	0.2683	0.4187	0.5813
wIR[17, 6, 3]	-0.0526	-0.0524	0.1464	-0.3426	0.2325	0.3595	0.6405
wIR[18, 6, 3]	-0.0156	-0.0153	0.1455	-0.3025	0.2708	0.4568	0.5432
wIR[19, 6, 3]	-0.0158	-0.0154	0.1438	-0.2988	0.2665	0.4562	0.5438
wIR[20, 6, 3]	0.0204	0.0205	0.1479	-0.2700	0.3128	0.5551	0.4449
wIR[21, 6, 3]	-0.0189	-0.0183	0.1454	-0.3045	0.2660	0.4483	0.5517
wIR[22, 6, 3]	-0.0035	-0.0035	0.1458	-0.2907	0.2832	0.4901	0.5099
wIR[23, 6, 3]	0.0363	0.0352	0.1461	-0.2481	0.3263	0.5957	0.4043
wIR[24, 6, 3]	-0.0237	-0.0236	0.1466	-0.3122	0.2651	0.4362	0.5638
wIR[25, 6, 3]	0.0004	0.0008	0.1503	-0.2976	0.2964	0.5023	0.4977
wIR[26, 6, 3]	0.0303	0.0298	0.1481	-0.2600	0.3214	0.5811	0.4189
wIR[27, 6, 3]	0.0324	0.0319	0.1465	-0.2540	0.3223	0.5881	0.4119
wIR[28, 6, 3]	0.0105	0.0104	0.1443	-0.2727	0.2943	0.5291	0.4709
wIR[29, 6, 3]	0.0200	0.0195	0.1479	-0.2692	0.3136	0.5535	0.4465
wIR[30, 6, 3]	-0.0062	-0.0061	0.1493	-0.3025	0.2860	0.4845	0.5155
wIR[31, 6, 3]	0.0181	0.0176	0.1478	-0.2718	0.3098	0.5491	0.4509
wIR[32, 6, 3]	-0.0075	-0.0072	0.1460	-0.2952	0.2783	0.4809	0.5191
wIR[33, 6, 3]	0.0050	0.0052	0.1452	-0.2801	0.2904	0.5141	0.4859
wIR[34, 6, 3]	-0.0203	-0.0203	0.1462	-0.3087	0.2670	0.4444	0.5556
wIR[35, 6, 3]	-0.0257	-0.0252	0.1476	-0.3167	0.2651	0.4312	0.5688
wIR[36, 6, 3]	0.0432	0.0429	0.1457	-0.2424	0.3307	0.6176	0.3824
wIR[37, 6, 3]	-0.0035	-0.0032	0.1492	-0.2966	0.2909	0.4914	0.5086
wIR[38, 6, 3]	0.0343	0.0336	0.1477	-0.2553	0.3274	0.5920	0.4080
wIR[39, 6, 3]	-0.0108	-0.0100	0.1483	-0.3039	0.2803	0.4724	0.5276
wIR[40, 6, 3]	-0.0198	-0.0193	0.1455	-0.3080	0.2657	0.4484	0.5516
wIR[41, 6, 3]	-0.0080	-0.0077	0.1467	-0.2963	0.2814	0.4794	0.5206
wIR[42, 6, 3]	-0.0136	-0.0137	0.1459	-0.3005	0.2737	0.4618	0.5382
wIR[43, 6, 3]	0.0103	0.0096	0.1471	-0.2773	0.3011	0.5270	0.4730
wIR[44, 6, 3]	0.0091	0.0094	0.1500	-0.2856	0.3032	0.5256	0.4744
wIR[45, 6, 3]	0.0026	0.0031	0.1482	-0.2897	0.2931	0.5088	0.4912
wIR[46, 6, 3]	-0.0091	-0.0085	0.1437	-0.2930	0.2737	0.4756	0.5244
wIR[47, 6, 3]	-0.0003	0.0000	0.1500	-0.2960	0.2955	0.5001	0.4999
wIR[48, 6, 3]	-0.0063	-0.0061	0.1495	-0.2995	0.2879	0.4834	0.5166
wIR[49, 6, 3]	0.0215	0.0208	0.1466	-0.2676	0.3101	0.5570	0.4430
wIR[50, 6, 3]	0.0169	0.0167	0.1469	-0.2729	0.3076	0.5451	0.4549
wIR[1, 1, 4]	-0.0348	-0.0341	0.1459	-0.3225	0.2506	0.4058	0.5942
wIR[2, 1, 4]	0.0027	0.0035	0.1461	-0.2843	0.2905	0.5095	0.4905
wIR[3, 1, 4]	-0.0003	-0.0002	0.1470	-0.2899	0.2870	0.4994	0.5006
wIR[4, 1, 4]	0.0070	0.0071	0.1444	-0.2757	0.2925	0.5194	0.4806
wIR[5, 1, 4]	-0.0516	-0.0506	0.1631	-0.3765	0.2657	0.3778	0.6222
wIR[6, 1, 4]	-0.0253	-0.0249	0.1439	-0.3093	0.2573	0.4308	0.5692
wIR[7, 1, 4]	0.0310	0.0300	0.1473	-0.2570	0.3236	0.5819	0.4181
wIR[8, 1, 4]	0.0109	0.0103	0.1415	-0.2678	0.2900	0.5289	0.4711

wIR[9, 1, 4]	-0.0103	-0.0103	0.1459	-0.2979	0.2761	0.4708	0.5292
wIR[10, 1, 4]	0.0120	0.0119	0.1493	-0.2827	0.3061	0.5327	0.4673
wIR[11, 1, 4]	-0.0110	-0.0108	0.1430	-0.2940	0.2688	0.4689	0.5311
wIR[12, 1, 4]	0.0045	0.0049	0.1443	-0.2798	0.2878	0.5132	0.4868
wIR[13, 1, 4]	0.0430	0.0423	0.1459	-0.2414	0.3330	0.6153	0.3847
wIR[14, 1, 4]	0.0076	0.0074	0.1446	-0.2768	0.2921	0.5208	0.4792
wIR[15, 1, 4]	0.0144	0.0137	0.1447	-0.2681	0.3000	0.5378	0.4622
wIR[16, 1, 4]	-0.0087	-0.0084	0.1435	-0.2929	0.2726	0.4764	0.5236
wIR[17, 1, 4]	-0.0254	-0.0243	0.1456	-0.3147	0.2589	0.4337	0.5663
wIR[18, 1, 4]	-0.0079	-0.0079	0.1452	-0.2932	0.2789	0.4776	0.5224
wIR[19, 1, 4]	-0.0087	-0.0084	0.1450	-0.2949	0.2771	0.4763	0.5237
wIR[20, 1, 4]	0.0148	0.0148	0.1418	-0.2648	0.2955	0.5417	0.4583
wIR[21, 1, 4]	-0.0002	0.0002	0.1442	-0.2821	0.2811	0.5005	0.4995
wIR[22, 1, 4]	0.0266	0.0260	0.1500	-0.2666	0.3222	0.5702	0.4298
wIR[23, 1, 4]	0.0140	0.0139	0.1465	-0.2719	0.3026	0.5378	0.4622
wIR[24, 1, 4]	0.0138	0.0138	0.1410	-0.2633	0.2923	0.5398	0.4602
wIR[25, 1, 4]	0.0009	0.0012	0.1477	-0.2899	0.2912	0.5039	0.4961
wIR[26, 1, 4]	0.0433	0.0427	0.1430	-0.2369	0.3254	0.6188	0.3812
wIR[27, 1, 4]	0.0314	0.0311	0.1433	-0.2461	0.3160	0.5844	0.4156
wIR[28, 1, 4]	0.0099	0.0105	0.1474	-0.2811	0.3009	0.5290	0.4710
wIR[29, 1, 4]	0.0129	0.0128	0.1435	-0.2675	0.2977	0.5368	0.4632
wIR[30, 1, 4]	0.0292	0.0283	0.1552	-0.2726	0.3373	0.5726	0.4274
wIR[31, 1, 4]	-0.0053	-0.0057	0.1410	-0.2833	0.2720	0.4841	0.5159
wIR[32, 1, 4]	0.0090	0.0094	0.1439	-0.2740	0.2922	0.5264	0.4736
wIR[33, 1, 4]	0.0098	0.0092	0.1436	-0.2702	0.2932	0.5264	0.4736
wIR[34, 1, 4]	-0.0024	-0.0019	0.1423	-0.2812	0.2769	0.4944	0.5056
wIR[35, 1, 4]	-0.0143	-0.0151	0.1438	-0.2968	0.2677	0.4584	0.5416
wIR[36, 1, 4]	0.0346	0.0341	0.1454	-0.2498	0.3233	0.5934	0.4066
wIR[37, 1, 4]	0.0238	0.0229	0.1433	-0.2564	0.3075	0.5652	0.4348
wIR[38, 1, 4]	0.0149	0.0150	0.1445	-0.2695	0.3010	0.5414	0.4586
wIR[39, 1, 4]	0.0161	0.0157	0.1429	-0.2643	0.2988	0.5438	0.4562
wIR[40, 1, 4]	0.0170	0.0165	0.1447	-0.2661	0.3030	0.5458	0.4542
wIR[41, 1, 4]	0.0019	0.0015	0.1442	-0.2820	0.2872	0.5044	0.4956
wIR[42, 1, 4]	0.0033	0.0035	0.1416	-0.2733	0.2832	0.5093	0.4907
wIR[43, 1, 4]	0.0123	0.0123	0.1457	-0.2738	0.2978	0.5342	0.4658
wIR[44, 1, 4]	0.0229	0.0223	0.1412	-0.2519	0.3037	0.5636	0.4364
wIR[45, 1, 4]	0.0288	0.0277	0.1422	-0.2492	0.3091	0.5793	0.4207
wIR[46, 1, 4]	0.0153	0.0149	0.1399	-0.2582	0.2913	0.5427	0.4573
wIR[47, 1, 4]	-0.0003	-0.0002	0.1474	-0.2899	0.2902	0.4993	0.5007
wIR[48, 1, 4]	0.0061	0.0065	0.1443	-0.2768	0.2900	0.5179	0.4821
wIR[49, 1, 4]	0.0336	0.0332	0.1448	-0.2488	0.3183	0.5924	0.4076
wIR[50, 1, 4]	0.0025	0.0023	0.1433	-0.2791	0.2849	0.5071	0.4929
wIR[1, 2, 4]	0.0283	0.0273	0.1479	-0.2595	0.3227	0.5749	0.4251
wIR[2, 2, 4]	-0.0133	-0.0129	0.1478	-0.3035	0.2779	0.4635	0.5365
wIR[3, 2, 4]	-0.0014	-0.0010	0.1472	-0.2913	0.2878	0.4969	0.5031
wIR[4, 2, 4]	0.0206	0.0200	0.1457	-0.2646	0.3100	0.5549	0.4451
wIR[5, 2, 4]	0.0263	0.0261	0.1650	-0.2965	0.3519	0.5639	0.4361
wIR[6, 2, 4]	0.0170	0.0167	0.1450	-0.2672	0.3023	0.5461	0.4539
wIR[7, 2, 4]	0.0163	0.0161	0.1482	-0.2752	0.3085	0.5430	0.4570
wIR[8, 2, 4]	-0.0051	-0.0044	0.1427	-0.2861	0.2735	0.4873	0.5127

wIR[9, 2, 4]	-0.0228	-0.0230	0.1472	-0.3130	0.2678	0.4379	0.5621
wIR[10, 2, 4]	0.0099	0.0098	0.1506	-0.2883	0.3063	0.5272	0.4728
wIR[11, 2, 4]	0.0219	0.0211	0.1436	-0.2594	0.3063	0.5601	0.4399
wIR[12, 2, 4]	0.0619	0.0600	0.1458	-0.2196	0.3528	0.6627	0.3373
wIR[13, 2, 4]	-0.0118	-0.0111	0.1470	-0.3015	0.2769	0.4693	0.5307
wIR[14, 2, 4]	0.0165	0.0166	0.1453	-0.2693	0.3011	0.5460	0.4540
wIR[15, 2, 4]	0.0117	0.0118	0.1449	-0.2729	0.2963	0.5317	0.4683
wIR[16, 2, 4]	0.0031	0.0028	0.1447	-0.2817	0.2887	0.5079	0.4921
wIR[17, 2, 4]	0.0076	0.0069	0.1474	-0.2802	0.2988	0.5192	0.4808
wIR[18, 2, 4]	-0.0128	-0.0129	0.1462	-0.3013	0.2737	0.4654	0.5346
wIR[19, 2, 4]	-0.0051	-0.0051	0.1460	-0.2918	0.2833	0.4857	0.5143
wIR[20, 2, 4]	-0.0086	-0.0081	0.1430	-0.2909	0.2712	0.4764	0.5236
wIR[21, 2, 4]	0.0244	0.0240	0.1459	-0.2595	0.3105	0.5662	0.4338
wIR[22, 2, 4]	0.0342	0.0340	0.1517	-0.2641	0.3333	0.5893	0.4107
wIR[23, 2, 4]	0.0088	0.0087	0.1463	-0.2801	0.2963	0.5245	0.4755
wIR[24, 2, 4]	0.0123	0.0113	0.1421	-0.2664	0.2930	0.5327	0.4673
wIR[25, 2, 4]	0.0001	0.0005	0.1490	-0.2948	0.2922	0.5014	0.4986
wIR[26, 2, 4]	0.0044	0.0044	0.1450	-0.2798	0.2915	0.5122	0.4878
wIR[27, 2, 4]	0.0203	0.0195	0.1441	-0.2633	0.3061	0.5543	0.4457
wIR[28, 2, 4]	0.0083	0.0089	0.1490	-0.2848	0.3032	0.5237	0.4763
wIR[29, 2, 4]	0.0182	0.0182	0.1453	-0.2658	0.3074	0.5513	0.4487
wIR[30, 2, 4]	0.0096	0.0095	0.1574	-0.3000	0.3196	0.5242	0.4758
wIR[31, 2, 4]	-0.0002	0.0000	0.1414	-0.2782	0.2760	0.5000	0.5000
wIR[32, 2, 4]	-0.0070	-0.0069	0.1455	-0.2937	0.2784	0.4807	0.5193
wIR[33, 2, 4]	-0.0209	-0.0209	0.1447	-0.3071	0.2626	0.4433	0.5567
wIR[34, 2, 4]	0.0362	0.0358	0.1439	-0.2455	0.3229	0.5999	0.4001
wIR[35, 2, 4]	-0.0136	-0.0137	0.1456	-0.3000	0.2723	0.4619	0.5381
wIR[36, 2, 4]	-0.0032	-0.0037	0.1465	-0.2920	0.2840	0.4902	0.5098
wIR[37, 2, 4]	0.0235	0.0232	0.1448	-0.2586	0.3088	0.5643	0.4357
wIR[38, 2, 4]	-0.0461	-0.0460	0.1461	-0.3358	0.2385	0.3755	0.6245
wIR[39, 2, 4]	0.0346	0.0338	0.1443	-0.2461	0.3217	0.5939	0.4061
wIR[40, 2, 4]	0.0184	0.0182	0.1459	-0.2676	0.3067	0.5508	0.4492
wIR[41, 2, 4]	0.0368	0.0366	0.1457	-0.2497	0.3250	0.5992	0.4008
wIR[42, 2, 4]	-0.0137	-0.0139	0.1428	-0.2952	0.2656	0.4614	0.5386
wIR[43, 2, 4]	0.0069	0.0065	0.1479	-0.2838	0.2988	0.5173	0.4827
wIR[44, 2, 4]	0.0087	0.0086	0.1422	-0.2706	0.2894	0.5245	0.4755
wIR[45, 2, 4]	0.0115	0.0108	0.1436	-0.2700	0.2959	0.5312	0.4688
wIR[46, 2, 4]	-0.0126	-0.0115	0.1410	-0.2900	0.2654	0.4665	0.5335
wIR[47, 2, 4]	-0.0003	-0.0001	0.1486	-0.2927	0.2927	0.4996	0.5004
wIR[48, 2, 4]	0.0392	0.0388	0.1443	-0.2435	0.3260	0.6063	0.3937
wIR[49, 2, 4]	0.0131	0.0129	0.1454	-0.2718	0.2988	0.5360	0.4640
wIR[50, 2, 4]	0.0121	0.0117	0.1448	-0.2704	0.2978	0.5318	0.4682
wIR[1, 3, 4]	-0.0145	-0.0139	0.1496	-0.3098	0.2771	0.4623	0.5377
wIR[2, 3, 4]	-0.0134	-0.0141	0.1496	-0.3077	0.2801	0.4626	0.5374
wIR[3, 3, 4]	0.0002	0.0006	0.1491	-0.2945	0.2941	0.5016	0.4984
wIR[4, 3, 4]	-0.0007	-0.0009	0.1479	-0.2914	0.2917	0.4974	0.5026
wIR[5, 3, 4]	-0.0316	-0.0310	0.1689	-0.3647	0.2983	0.4261	0.5739
wIR[6, 3, 4]	-0.0095	-0.0081	0.1472	-0.3014	0.2782	0.4771	0.5229
wIR[7, 3, 4]	-0.0068	-0.0072	0.1508	-0.3046	0.2902	0.4810	0.5190
wIR[8, 3, 4]	0.0156	0.0161	0.1450	-0.2699	0.2999	0.5444	0.4556

wIR[9, 3, 4]	0.0114	0.0120	0.1498	-0.2841	0.3080	0.5317	0.4683
wIR[10, 3, 4]	0.0065	0.0065	0.1530	-0.2936	0.3111	0.5168	0.4832
wIR[11, 3, 4]	-0.0043	-0.0040	0.1464	-0.2929	0.2837	0.4884	0.5116
wIR[12, 3, 4]	-0.0334	-0.0325	0.1468	-0.3229	0.2540	0.4114	0.5886
wIR[13, 3, 4]	-0.0012	-0.0020	0.1495	-0.2941	0.2940	0.4943	0.5057
wIR[14, 3, 4]	-0.0174	-0.0169	0.1489	-0.3080	0.2752	0.4540	0.5460
wIR[15, 3, 4]	0.0161	0.0152	0.1477	-0.2736	0.3081	0.5418	0.4582
wIR[16, 3, 4]	-0.0066	-0.0056	0.1469	-0.2966	0.2808	0.4838	0.5162
wIR[17, 3, 4]	-0.0007	-0.0010	0.1493	-0.2913	0.2943	0.4973	0.5027
wIR[18, 3, 4]	0.0228	0.0219	0.1484	-0.2703	0.3169	0.5612	0.4388
wIR[19, 3, 4]	0.0108	0.0103	0.1487	-0.2820	0.3043	0.5275	0.4725
wIR[20, 3, 4]	0.0064	0.0064	0.1441	-0.2771	0.2890	0.5182	0.4818
wIR[21, 3, 4]	-0.0087	-0.0079	0.1482	-0.3007	0.2806	0.4782	0.5218
wIR[22, 3, 4]	-0.0087	-0.0082	0.1534	-0.3109	0.2914	0.4778	0.5222
wIR[23, 3, 4]	0.0083	0.0082	0.1490	-0.2857	0.3010	0.5218	0.4782
wIR[24, 3, 4]	0.0014	0.0020	0.1441	-0.2841	0.2831	0.5055	0.4945
wIR[25, 3, 4]	-0.0001	-0.0001	0.1497	-0.2959	0.2943	0.4996	0.5004
wIR[26, 3, 4]	0.0119	0.0126	0.1463	-0.2746	0.3006	0.5330	0.4670
wIR[27, 3, 4]	-0.0023	-0.0019	0.1466	-0.2914	0.2873	0.4947	0.5053
wIR[28, 3, 4]	0.0094	0.0090	0.1517	-0.2868	0.3090	0.5243	0.4757
wIR[29, 3, 4]	-0.0027	-0.0025	0.1472	-0.2919	0.2868	0.4929	0.5071
wIR[30, 3, 4]	-0.0173	-0.0162	0.1593	-0.3326	0.2943	0.4590	0.5410
wIR[31, 3, 4]	-0.0053	-0.0049	0.1453	-0.2938	0.2799	0.4856	0.5144
wIR[32, 3, 4]	0.0026	0.0030	0.1463	-0.2857	0.2909	0.5087	0.4913
wIR[33, 3, 4]	0.0060	0.0061	0.1467	-0.2831	0.2935	0.5165	0.4835
wIR[34, 3, 4]	-0.0225	-0.0222	0.1457	-0.3107	0.2617	0.4384	0.5616
wIR[35, 3, 4]	-0.0156	-0.0150	0.1478	-0.3084	0.2740	0.4576	0.5424
wIR[36, 3, 4]	0.0134	0.0129	0.1489	-0.2792	0.3057	0.5355	0.4645
wIR[37, 3, 4]	-0.0031	-0.0026	0.1471	-0.2907	0.2839	0.4930	0.5070
wIR[38, 3, 4]	0.0140	0.0145	0.1485	-0.2774	0.3076	0.5385	0.4615
wIR[39, 3, 4]	-0.0111	-0.0111	0.1463	-0.2994	0.2761	0.4696	0.5304
wIR[40, 3, 4]	-0.0126	-0.0114	0.1485	-0.3056	0.2788	0.4681	0.5319
wIR[41, 3, 4]	-0.0157	-0.0150	0.1473	-0.3063	0.2736	0.4580	0.5420
wIR[42, 3, 4]	0.0137	0.0126	0.1450	-0.2702	0.3008	0.5358	0.4642
wIR[43, 3, 4]	0.0193	0.0189	0.1487	-0.2731	0.3122	0.5524	0.4476
wIR[44, 3, 4]	-0.0003	0.0001	0.1452	-0.2852	0.2834	0.5003	0.4997
wIR[45, 3, 4]	0.0063	0.0064	0.1455	-0.2801	0.2919	0.5170	0.4830
wIR[46, 3, 4]	0.0092	0.0097	0.1438	-0.2726	0.2922	0.5258	0.4742
wIR[47, 3, 4]	0.0003	0.0001	0.1502	-0.2938	0.2954	0.5003	0.4997
wIR[48, 3, 4]	-0.0012	-0.0009	0.1470	-0.2912	0.2885	0.4978	0.5022
wIR[49, 3, 4]	0.0051	0.0050	0.1481	-0.2837	0.2965	0.5135	0.4865
wIR[50, 3, 4]	0.0056	0.0052	0.1462	-0.2808	0.2951	0.5148	0.4852
wIR[1, 4, 4]	-0.0081	-0.0073	0.1458	-0.2971	0.2766	0.4794	0.5206
wIR[2, 4, 4]	0.0144	0.0141	0.1472	-0.2744	0.3055	0.5382	0.4618
wIR[3, 4, 4]	-0.0048	-0.0047	0.1467	-0.2957	0.2833	0.4870	0.5130
wIR[4, 4, 4]	-0.0332	-0.0332	0.1451	-0.3188	0.2502	0.4099	0.5901
wIR[5, 4, 4]	0.0288	0.0283	0.1634	-0.2930	0.3502	0.5688	0.4312
wIR[6, 4, 4]	-0.0004	-0.0001	0.1445	-0.2838	0.2836	0.4996	0.5004
wIR[7, 4, 4]	0.0129	0.0128	0.1475	-0.2765	0.3054	0.5351	0.4649
wIR[8, 4, 4]	0.0039	0.0030	0.1424	-0.2743	0.2865	0.5080	0.4920

wIR[9, 4, 4]	0.0104	0.0097	0.1463	-0.2735	0.2998	0.5264	0.4736
wIR[10, 4, 4]	0.0100	0.0105	0.1497	-0.2842	0.3024	0.5278	0.4722
wIR[11, 4, 4]	-0.0059	-0.0059	0.1441	-0.2900	0.2770	0.4837	0.5163
wIR[12, 4, 4]	0.0078	0.0078	0.1444	-0.2744	0.2922	0.5213	0.4787
wIR[13, 4, 4]	-0.0218	-0.0211	0.1468	-0.3126	0.2658	0.4416	0.5584
wIR[14, 4, 4]	-0.0001	-0.0005	0.1451	-0.2852	0.2857	0.4989	0.5011
wIR[15, 4, 4]	-0.0104	-0.0104	0.1439	-0.2934	0.2730	0.4713	0.5287
wIR[16, 4, 4]	-0.0381	-0.0374	0.1442	-0.3237	0.2435	0.3974	0.6026
wIR[17, 4, 4]	0.0177	0.0177	0.1459	-0.2691	0.3044	0.5481	0.4519
wIR[18, 4, 4]	-0.0079	-0.0072	0.1455	-0.2942	0.2780	0.4793	0.5207
wIR[19, 4, 4]	0.0224	0.0225	0.1457	-0.2626	0.3086	0.5628	0.4372
wIR[20, 4, 4]	0.0065	0.0056	0.1425	-0.2714	0.2873	0.5160	0.4840
wIR[21, 4, 4]	-0.0031	-0.0033	0.1448	-0.2904	0.2824	0.4919	0.5081
wIR[22, 4, 4]	0.0027	0.0031	0.1503	-0.2927	0.2983	0.5085	0.4915
wIR[23, 4, 4]	0.0175	0.0170	0.1452	-0.2673	0.3045	0.5480	0.4520
wIR[24, 4, 4]	0.0151	0.0146	0.1414	-0.2616	0.2930	0.5417	0.4583
wIR[25, 4, 4]	0.0002	0.0010	0.1480	-0.2920	0.2896	0.5026	0.4974
wIR[26, 4, 4]	0.0080	0.0070	0.1436	-0.2736	0.2907	0.5196	0.4804
wIR[27, 4, 4]	0.0174	0.0170	0.1443	-0.2662	0.3012	0.5476	0.4524
wIR[28, 4, 4]	0.0188	0.0183	0.1483	-0.2705	0.3119	0.5501	0.4499
wIR[29, 4, 4]	0.0057	0.0051	0.1452	-0.2794	0.2921	0.5152	0.4848
wIR[30, 4, 4]	0.0188	0.0183	0.1553	-0.2852	0.3266	0.5473	0.4527
wIR[31, 4, 4]	-0.0197	-0.0195	0.1422	-0.3000	0.2578	0.4444	0.5556
wIR[32, 4, 4]	-0.0097	-0.0094	0.1436	-0.2942	0.2721	0.4730	0.5270
wIR[33, 4, 4]	-0.0076	-0.0072	0.1439	-0.2913	0.2747	0.4793	0.5207
wIR[34, 4, 4]	-0.0096	-0.0097	0.1426	-0.2908	0.2705	0.4729	0.5271
wIR[35, 4, 4]	-0.0006	-0.0009	0.1451	-0.2853	0.2852	0.4974	0.5026
wIR[36, 4, 4]	-0.0276	-0.0273	0.1463	-0.3157	0.2578	0.4241	0.5759
wIR[37, 4, 4]	-0.0349	-0.0342	0.1441	-0.3179	0.2459	0.4058	0.5942
wIR[38, 4, 4]	0.0293	0.0283	0.1451	-0.2554	0.3157	0.5787	0.4213
wIR[39, 4, 4]	-0.0234	-0.0231	0.1440	-0.3082	0.2594	0.4349	0.5651
wIR[40, 4, 4]	-0.0193	-0.0188	0.1458	-0.3084	0.2685	0.4481	0.5519
wIR[41, 4, 4]	-0.0041	-0.0034	0.1442	-0.2883	0.2810	0.4903	0.5097
wIR[42, 4, 4]	0.0149	0.0151	0.1424	-0.2661	0.2960	0.5431	0.4569
wIR[43, 4, 4]	0.0244	0.0239	0.1455	-0.2602	0.3111	0.5657	0.4343
wIR[44, 4, 4]	0.0032	0.0033	0.1419	-0.2763	0.2812	0.5098	0.4902
wIR[45, 4, 4]	0.0055	0.0058	0.1426	-0.2745	0.2872	0.5166	0.4834
wIR[46, 4, 4]	0.0153	0.0154	0.1413	-0.2637	0.2930	0.5420	0.4580
wIR[47, 4, 4]	-0.0007	-0.0005	0.1470	-0.2883	0.2875	0.4985	0.5015
wIR[48, 4, 4]	-0.0185	-0.0179	0.1450	-0.3046	0.2654	0.4497	0.5503
wIR[49, 4, 4]	0.0352	0.0348	0.1461	-0.2515	0.3249	0.5949	0.4051
wIR[50, 4, 4]	0.0257	0.0250	0.1447	-0.2572	0.3139	0.5694	0.4306
wIR[1, 5, 4]	0.0002	0.0000	0.1438	-0.2851	0.2815	0.5000	0.5000
wIR[2, 5, 4]	0.0258	0.0250	0.1441	-0.2564	0.3121	0.5692	0.4308
wIR[3, 5, 4]	0.0013	0.0014	0.1470	-0.2877	0.2922	0.5038	0.4962
wIR[4, 5, 4]	0.0007	0.0011	0.1434	-0.2814	0.2844	0.5028	0.4972
wIR[5, 5, 4]	-0.0315	-0.0313	0.1601	-0.3462	0.2837	0.4205	0.5795
wIR[6, 5, 4]	-0.0087	-0.0088	0.1423	-0.2881	0.2697	0.4746	0.5254
wIR[7, 5, 4]	-0.0128	-0.0128	0.1449	-0.2990	0.2726	0.4650	0.5350
wIR[8, 5, 4]	-0.0291	-0.0284	0.1389	-0.3054	0.2434	0.4159	0.5841

wIR[9, 5, 4]	-0.0116	-0.0113	0.1439	-0.2980	0.2699	0.4679	0.5321
wIR[10, 5, 4]	-0.0245	-0.0240	0.1477	-0.3168	0.2628	0.4354	0.5646
wIR[11, 5, 4]	-0.0455	-0.0447	0.1410	-0.3255	0.2290	0.3742	0.6258
wIR[12, 5, 4]	0.0128	0.0123	0.1418	-0.2659	0.2935	0.5344	0.4656
wIR[13, 5, 4]	-0.0273	-0.0270	0.1443	-0.3136	0.2561	0.4243	0.5757
wIR[14, 5, 4]	-0.0180	-0.0177	0.1430	-0.2998	0.2627	0.4512	0.5488
wIR[15, 5, 4]	-0.0117	-0.0116	0.1419	-0.2927	0.2663	0.4682	0.5318
wIR[16, 5, 4]	-0.0348	-0.0334	0.1417	-0.3164	0.2424	0.4039	0.5961
wIR[17, 5, 4]	-0.0119	-0.0110	0.1433	-0.2937	0.2701	0.4682	0.5318
wIR[18, 5, 4]	0.0183	0.0172	0.1431	-0.2590	0.3006	0.5490	0.4510
wIR[19, 5, 4]	-0.0017	-0.0016	0.1428	-0.2823	0.2771	0.4954	0.5046
wIR[20, 5, 4]	0.0036	0.0033	0.1396	-0.2715	0.2770	0.5095	0.4905
wIR[21, 5, 4]	-0.0194	-0.0192	0.1426	-0.2998	0.2595	0.4466	0.5534
wIR[22, 5, 4]	-0.0239	-0.0236	0.1479	-0.3156	0.2640	0.4360	0.5640
wIR[23, 5, 4]	-0.0601	-0.0596	0.1438	-0.3451	0.2206	0.3385	0.6615
wIR[24, 5, 4]	-0.0474	-0.0475	0.1388	-0.3225	0.2236	0.3657	0.6343
wIR[25, 5, 4]	-0.0007	-0.0009	0.1483	-0.2925	0.2908	0.4974	0.5026
wIR[26, 5, 4]	-0.0201	-0.0196	0.1407	-0.2965	0.2567	0.4447	0.5553
wIR[27, 5, 4]	-0.0370	-0.0356	0.1413	-0.3185	0.2380	0.3974	0.6026
wIR[28, 5, 4]	0.0129	0.0122	0.1448	-0.2707	0.2990	0.5341	0.4659
wIR[29, 5, 4]	-0.0643	-0.0627	0.1414	-0.3447	0.2096	0.3252	0.6748
wIR[30, 5, 4]	0.0230	0.0231	0.1524	-0.2775	0.3242	0.5606	0.4394
wIR[31, 5, 4]	-0.0045	-0.0043	0.1393	-0.2773	0.2677	0.4875	0.5125
wIR[32, 5, 4]	0.0183	0.0179	0.1437	-0.2632	0.3012	0.5498	0.4502
wIR[33, 5, 4]	0.0208	0.0205	0.1407	-0.2563	0.2971	0.5572	0.4428
wIR[34, 5, 4]	0.0200	0.0201	0.1402	-0.2545	0.2974	0.5585	0.4415
wIR[35, 5, 4]	0.0116	0.0124	0.1413	-0.2662	0.2901	0.5345	0.4655
wIR[36, 5, 4]	-0.0217	-0.0212	0.1444	-0.3077	0.2610	0.4404	0.5596
wIR[37, 5, 4]	-0.0529	-0.0520	0.1421	-0.3350	0.2242	0.3549	0.6451
wIR[38, 5, 4]	0.0135	0.0134	0.1421	-0.2646	0.2933	0.5368	0.4632
wIR[39, 5, 4]	-0.0236	-0.0232	0.1413	-0.3034	0.2528	0.4324	0.5676
wIR[40, 5, 4]	0.0046	0.0046	0.1425	-0.2742	0.2847	0.5134	0.4866
wIR[41, 5, 4]	-0.0098	-0.0098	0.1419	-0.2892	0.2683	0.4726	0.5274
wIR[42, 5, 4]	0.0003	0.0004	0.1400	-0.2754	0.2755	0.5016	0.4984
wIR[43, 5, 4]	0.0207	0.0204	0.1438	-0.2615	0.3048	0.5559	0.4441
wIR[44, 5, 4]	0.0332	0.0332	0.1393	-0.2398	0.3076	0.5946	0.4054
wIR[45, 5, 4]	0.0326	0.0314	0.1397	-0.2407	0.3087	0.5912	0.4088
wIR[46, 5, 4]	0.0015	0.0017	0.1379	-0.2719	0.2716	0.5048	0.4952
wIR[47, 5, 4]	-0.0002	0.0015	0.1485	-0.2918	0.2905	0.5034	0.4966
wIR[48, 5, 4]	-0.0450	-0.0443	0.1424	-0.3257	0.2331	0.3768	0.6232
wIR[49, 5, 4]	-0.0492	-0.0484	0.1441	-0.3358	0.2324	0.3664	0.6336
wIR[50, 5, 4]	-0.0863	-0.0842	0.1422	-0.3718	0.1879	0.2731	0.7269 *
wIR[1, 6, 4]	-0.0101	-0.0096	0.1477	-0.3019	0.2801	0.4740	0.5260
wIR[2, 6, 4]	-0.0328	-0.0319	0.1490	-0.3282	0.2583	0.4143	0.5857
wIR[3, 6, 4]	-0.0023	-0.0022	0.1490	-0.2948	0.2897	0.4944	0.5056
wIR[4, 6, 4]	-0.0383	-0.0380	0.1467	-0.3294	0.2459	0.3963	0.6037
wIR[5, 6, 4]	0.0127	0.0129	0.1652	-0.3127	0.3375	0.5326	0.4674
wIR[6, 6, 4]	-0.0024	-0.0032	0.1456	-0.2893	0.2838	0.4911	0.5089
wIR[7, 6, 4]	-0.0174	-0.0167	0.1486	-0.3118	0.2747	0.4541	0.5459
wIR[8, 6, 4]	-0.0459	-0.0450	0.1437	-0.3313	0.2352	0.3756	0.6244

wIR[9, 6, 4]	-0.0176	-0.0172	0.1474	-0.3093	0.2697	0.4534	0.5466
wIR[10, 6, 4]	0.0020	0.0030	0.1504	-0.2958	0.2991	0.5076	0.4924
wIR[11, 6, 4]	-0.0281	-0.0273	0.1449	-0.3138	0.2549	0.4241	0.5759
wIR[12, 6, 4]	-0.0523	-0.0515	0.1454	-0.3408	0.2314	0.3590	0.6410
wIR[13, 6, 4]	-0.0364	-0.0361	0.1485	-0.3323	0.2539	0.4036	0.5964
wIR[14, 6, 4]	-0.0281	-0.0275	0.1461	-0.3175	0.2572	0.4241	0.5759
wIR[15, 6, 4]	-0.0505	-0.0497	0.1472	-0.3447	0.2367	0.3664	0.6336
wIR[16, 6, 4]	-0.0340	-0.0330	0.1455	-0.3215	0.2490	0.4080	0.5920
wIR[17, 6, 4]	-0.0297	-0.0287	0.1469	-0.3223	0.2562	0.4202	0.5798
wIR[18, 6, 4]	-0.0314	-0.0308	0.1468	-0.3215	0.2554	0.4150	0.5850
wIR[19, 6, 4]	-0.0181	-0.0176	0.1472	-0.3092	0.2690	0.4527	0.5473
wIR[20, 6, 4]	-0.0575	-0.0567	0.1430	-0.3414	0.2215	0.3437	0.6563
wIR[21, 6, 4]	-0.0311	-0.0304	0.1468	-0.3196	0.2568	0.4158	0.5842
wIR[22, 6, 4]	-0.0236	-0.0228	0.1520	-0.3235	0.2742	0.4388	0.5612
wIR[23, 6, 4]	-0.0060	-0.0058	0.1474	-0.2947	0.2845	0.4841	0.5159
wIR[24, 6, 4]	-0.0105	-0.0110	0.1432	-0.2945	0.2702	0.4698	0.5302
wIR[25, 6, 4]	-0.0004	-0.0010	0.1501	-0.2952	0.2970	0.4973	0.5027
wIR[26, 6, 4]	-0.0061	-0.0059	0.1452	-0.2922	0.2779	0.4832	0.5168
wIR[27, 6, 4]	-0.0076	-0.0076	0.1456	-0.2953	0.2794	0.4789	0.5211
wIR[28, 6, 4]	-0.0288	-0.0278	0.1490	-0.3215	0.2631	0.4254	0.5746
wIR[29, 6, 4]	-0.0049	-0.0050	0.1458	-0.2915	0.2826	0.4861	0.5139
wIR[30, 6, 4]	-0.0802	-0.0782	0.1579	-0.3957	0.2240	0.3055	0.6945
wIR[31, 6, 4]	-0.0542	-0.0535	0.1427	-0.3373	0.2235	0.3514	0.6486
wIR[32, 6, 4]	-0.0106	-0.0109	0.1458	-0.2981	0.2768	0.4700	0.5300
wIR[33, 6, 4]	-0.0474	-0.0459	0.1443	-0.3355	0.2318	0.3726	0.6274
wIR[34, 6, 4]	-0.0176	-0.0170	0.1446	-0.3054	0.2658	0.4528	0.5472
wIR[35, 6, 4]	-0.0489	-0.0477	0.1462	-0.3384	0.2354	0.3700	0.6300
wIR[36, 6, 4]	0.0100	0.0095	0.1482	-0.2797	0.3035	0.5262	0.4738
wIR[37, 6, 4]	-0.0134	-0.0139	0.1457	-0.2997	0.2719	0.4629	0.5371
wIR[38, 6, 4]	-0.0304	-0.0298	0.1466	-0.3206	0.2554	0.4192	0.5808
wIR[39, 6, 4]	-0.0304	-0.0298	0.1458	-0.3190	0.2542	0.4175	0.5825
wIR[40, 6, 4]	-0.0469	-0.0459	0.1467	-0.3376	0.2392	0.3742	0.6258
wIR[41, 6, 4]	-0.0301	-0.0294	0.1460	-0.3195	0.2536	0.4191	0.5809
wIR[42, 6, 4]	-0.0347	-0.0340	0.1441	-0.3204	0.2464	0.4059	0.5941
wIR[43, 6, 4]	0.0368	0.0368	0.1466	-0.2487	0.3254	0.5997	0.4003
wIR[44, 6, 4]	-0.0665	-0.0655	0.1434	-0.3534	0.2116	0.3231	0.6769
wIR[45, 6, 4]	-0.0585	-0.0578	0.1433	-0.3445	0.2214	0.3411	0.6589
wIR[46, 6, 4]	-0.0199	-0.0195	0.1424	-0.3030	0.2596	0.4446	0.5554
wIR[47, 6, 4]	0.0006	0.0007	0.1503	-0.2956	0.2965	0.5024	0.4976
wIR[48, 6, 4]	-0.0314	-0.0308	0.1457	-0.3173	0.2536	0.4165	0.5835
wIR[49, 6, 4]	0.0082	0.0084	0.1468	-0.2807	0.2962	0.5222	0.4778
wIR[50, 6, 4]	0.0287	0.0283	0.1451	-0.2555	0.3159	0.5781	0.4219
wIR[1, 1, 5]	-0.0120	-0.0125	0.1444	-0.2953	0.2713	0.4655	0.5345
wIR[2, 1, 5]	-0.0383	-0.0377	0.1474	-0.3307	0.2508	0.3969	0.6031
wIR[3, 1, 5]	-0.0048	-0.0044	0.1434	-0.2869	0.2754	0.4876	0.5124
wIR[4, 1, 5]	0.0031	0.0026	0.1449	-0.2802	0.2872	0.5072	0.4928
wIR[5, 1, 5]	-0.0008	-0.0010	0.1470	-0.2918	0.2855	0.4971	0.5029
wIR[6, 1, 5]	-0.0220	-0.0213	0.1449	-0.3083	0.2623	0.4400	0.5600
wIR[7, 1, 5]	0.0025	0.0022	0.1432	-0.2786	0.2832	0.5063	0.4937
wIR[8, 1, 5]	0.0196	0.0186	0.1441	-0.2612	0.3056	0.5515	0.4485

wIR[9, 1, 5]	-0.0115	-0.0118	0.1432	-0.2936	0.2699	0.4664	0.5336
wIR[10, 1, 5]	0.0071	0.0074	0.1457	-0.2788	0.2933	0.5208	0.4792
wIR[11, 1, 5]	0.0224	0.0220	0.1416	-0.2558	0.3003	0.5627	0.4373
wIR[12, 1, 5]	0.0284	0.0280	0.1418	-0.2503	0.3085	0.5788	0.4212
wIR[13, 1, 5]	0.0000	0.0000	0.1480	-0.2931	0.2903	0.5000	0.5000
wIR[14, 1, 5]	-0.0125	-0.0123	0.1400	-0.2896	0.2636	0.4638	0.5362
wIR[15, 1, 5]	-0.0143	-0.0149	0.1409	-0.2904	0.2644	0.4576	0.5424
wIR[16, 1, 5]	-0.0161	-0.0152	0.1439	-0.2992	0.2669	0.4570	0.5430
wIR[17, 1, 5]	0.0213	0.0209	0.1421	-0.2562	0.3023	0.5592	0.4408
wIR[18, 1, 5]	-0.0061	-0.0059	0.1465	-0.2949	0.2814	0.4850	0.5150
wIR[19, 1, 5]	0.0112	0.0106	0.1453	-0.2732	0.2965	0.5288	0.4712
wIR[20, 1, 5]	-0.0043	-0.0042	0.1551	-0.3091	0.3002	0.4884	0.5116
wIR[21, 1, 5]	-0.0222	-0.0214	0.1415	-0.3012	0.2549	0.4375	0.5625
wIR[22, 1, 5]	0.0249	0.0251	0.1419	-0.2530	0.3056	0.5701	0.4299
wIR[23, 1, 5]	0.0315	0.0305	0.1472	-0.2551	0.3239	0.5838	0.4162
wIR[24, 1, 5]	-0.0071	-0.0069	0.1425	-0.2900	0.2716	0.4803	0.5197
wIR[25, 1, 5]	-0.0004	-0.0006	0.1468	-0.2897	0.2888	0.4982	0.5018
wIR[26, 1, 5]	-0.0354	-0.0350	0.1458	-0.3243	0.2486	0.4053	0.5947
wIR[27, 1, 5]	-0.0284	-0.0278	0.1449	-0.3149	0.2535	0.4233	0.5767
wIR[28, 1, 5]	0.0479	0.0474	0.1517	-0.2493	0.3460	0.6243	0.3757
wIR[29, 1, 5]	0.0077	0.0073	0.1420	-0.2711	0.2873	0.5202	0.4798
wIR[30, 1, 5]	-0.0190	-0.0178	0.1448	-0.3080	0.2642	0.4512	0.5488
wIR[31, 1, 5]	-0.0165	-0.0158	0.1429	-0.2975	0.2630	0.4548	0.5452
wIR[32, 1, 5]	-0.0244	-0.0242	0.1454	-0.3128	0.2606	0.4331	0.5669
wIR[33, 1, 5]	0.0044	0.0041	0.1419	-0.2752	0.2837	0.5115	0.4885
wIR[34, 1, 5]	-0.0237	-0.0221	0.1440	-0.3095	0.2567	0.4368	0.5632
wIR[35, 1, 5]	0.0062	0.0056	0.1429	-0.2748	0.2879	0.5156	0.4844
wIR[36, 1, 5]	-0.0003	-0.0003	0.1475	-0.2907	0.2891	0.4992	0.5008
wIR[37, 1, 5]	-0.0383	-0.0370	0.1411	-0.3183	0.2360	0.3942	0.6058
wIR[38, 1, 5]	0.0039	0.0032	0.1410	-0.2721	0.2823	0.5097	0.4903
wIR[39, 1, 5]	-0.0268	-0.0266	0.1414	-0.3063	0.2519	0.4255	0.5745
wIR[40, 1, 5]	-0.0239	-0.0233	0.1438	-0.3085	0.2581	0.4345	0.5655
wIR[41, 1, 5]	-0.0097	-0.0096	0.1439	-0.2937	0.2725	0.4731	0.5269
wIR[42, 1, 5]	0.0091	0.0091	0.1510	-0.2877	0.3060	0.5244	0.4756
wIR[43, 1, 5]	0.0335	0.0323	0.1434	-0.2467	0.3176	0.5909	0.4091
wIR[44, 1, 5]	-0.0146	-0.0141	0.1461	-0.3052	0.2717	0.4609	0.5391
wIR[45, 1, 5]	-0.0005	-0.0009	0.1419	-0.2788	0.2783	0.4974	0.5026
wIR[46, 1, 5]	0.0051	0.0053	0.1462	-0.2833	0.2925	0.5149	0.4851
wIR[47, 1, 5]	-0.0006	-0.0011	0.1470	-0.2895	0.2897	0.4970	0.5030
wIR[48, 1, 5]	-0.0008	-0.0005	0.1441	-0.2844	0.2828	0.4985	0.5015
wIR[49, 1, 5]	0.0288	0.0277	0.1421	-0.2481	0.3096	0.5787	0.4213
wIR[50, 1, 5]	0.0101	0.0100	0.1406	-0.2651	0.2885	0.5276	0.4724
wIR[1, 2, 5]	-0.0194	-0.0195	0.1450	-0.3037	0.2659	0.4463	0.5537
wIR[2, 2, 5]	-0.0071	-0.0073	0.1485	-0.2980	0.2852	0.4805	0.5195
wIR[3, 2, 5]	0.0011	0.0007	0.1448	-0.2827	0.2876	0.5016	0.4984
wIR[4, 2, 5]	-0.0161	-0.0163	0.1463	-0.3059	0.2716	0.4544	0.5456
wIR[5, 2, 5]	-0.0974	-0.0955	0.1482	-0.3947	0.1902	0.2541	0.7459 *
wIR[6, 2, 5]	0.0131	0.0129	0.1463	-0.2740	0.3009	0.5361	0.4639
wIR[7, 2, 5]	0.0129	0.0125	0.1450	-0.2714	0.3000	0.5349	0.4651
wIR[8, 2, 5]	-0.0001	-0.0002	0.1448	-0.2839	0.2842	0.4995	0.5005

wIR[9, 2, 5]	0.0261	0.0257	0.1445	-0.2570	0.3116	0.5701	0.4299
wIR[10, 2, 5]	-0.0323	-0.0312	0.1464	-0.3227	0.2515	0.4138	0.5862
wIR[11, 2, 5]	0.0237	0.0230	0.1423	-0.2548	0.3044	0.5655	0.4345
wIR[12, 2, 5]	0.0309	0.0310	0.1428	-0.2483	0.3119	0.5862	0.4138
wIR[13, 2, 5]	0.0000	0.0006	0.1484	-0.2919	0.2917	0.5018	0.4982
wIR[14, 2, 5]	-0.0005	-0.0009	0.1413	-0.2798	0.2778	0.4977	0.5023
wIR[15, 2, 5]	0.0320	0.0320	0.1422	-0.2454	0.3141	0.5887	0.4113
wIR[16, 2, 5]	-0.0214	-0.0206	0.1457	-0.3106	0.2640	0.4416	0.5584
wIR[17, 2, 5]	0.0092	0.0090	0.1426	-0.2707	0.2923	0.5256	0.4744
wIR[18, 2, 5]	0.0342	0.0334	0.1475	-0.2539	0.3272	0.5920	0.4080
wIR[19, 2, 5]	-0.0217	-0.0214	0.1475	-0.3118	0.2675	0.4405	0.5595
wIR[20, 2, 5]	0.0316	0.0312	0.1572	-0.2765	0.3422	0.5790	0.4210
wIR[21, 2, 5]	0.0297	0.0293	0.1422	-0.2480	0.3109	0.5824	0.4176
wIR[22, 2, 5]	0.0498	0.0492	0.1432	-0.2292	0.3326	0.6366	0.3634
wIR[23, 2, 5]	0.0094	0.0090	0.1493	-0.2831	0.3027	0.5246	0.4754
wIR[24, 2, 5]	-0.0021	-0.0024	0.1438	-0.2859	0.2818	0.4929	0.5071
wIR[25, 2, 5]	0.0001	-0.0006	0.1477	-0.2909	0.2904	0.4985	0.5015
wIR[26, 2, 5]	0.0206	0.0205	0.1463	-0.2652	0.3097	0.5564	0.4436
wIR[27, 2, 5]	-0.0114	-0.0108	0.1464	-0.3003	0.2766	0.4694	0.5306
wIR[28, 2, 5]	0.0072	0.0073	0.1523	-0.2941	0.3091	0.5206	0.4794
wIR[29, 2, 5]	0.0016	0.0010	0.1427	-0.2775	0.2828	0.5025	0.4975
wIR[30, 2, 5]	0.0209	0.0204	0.1447	-0.2619	0.3059	0.5577	0.4423
wIR[31, 2, 5]	0.0196	0.0191	0.1435	-0.2613	0.3029	0.5534	0.4466
wIR[32, 2, 5]	0.0016	0.0016	0.1470	-0.2865	0.2921	0.5041	0.4959
wIR[33, 2, 5]	0.0039	0.0028	0.1443	-0.2785	0.2911	0.5073	0.4927
wIR[34, 2, 5]	0.0328	0.0320	0.1452	-0.2496	0.3204	0.5886	0.4114
wIR[35, 2, 5]	-0.0031	-0.0029	0.1433	-0.2862	0.2760	0.4913	0.5087
wIR[36, 2, 5]	0.0003	0.0006	0.1481	-0.2911	0.2925	0.5017	0.4983
wIR[37, 2, 5]	0.0103	0.0104	0.1425	-0.2693	0.2921	0.5299	0.4701
wIR[38, 2, 5]	0.0104	0.0103	0.1429	-0.2699	0.2924	0.5293	0.4707
wIR[39, 2, 5]	-0.0028	-0.0022	0.1427	-0.2841	0.2774	0.4937	0.5063
wIR[40, 2, 5]	-0.0138	-0.0132	0.1447	-0.2978	0.2684	0.4632	0.5368
wIR[41, 2, 5]	0.0040	0.0037	0.1448	-0.2798	0.2887	0.5106	0.4894
wIR[42, 2, 5]	0.0302	0.0296	0.1523	-0.2675	0.3313	0.5772	0.4228
wIR[43, 2, 5]	-0.0120	-0.0120	0.1450	-0.2977	0.2732	0.4667	0.5333
wIR[44, 2, 5]	0.0057	0.0057	0.1457	-0.2794	0.2930	0.5155	0.4845
wIR[45, 2, 5]	0.0166	0.0159	0.1433	-0.2650	0.3001	0.5469	0.4531
wIR[46, 2, 5]	-0.0162	-0.0162	0.1466	-0.3049	0.2721	0.4556	0.5444
wIR[47, 2, 5]	0.0003	-0.0002	0.1487	-0.2912	0.2941	0.4995	0.5005
wIR[48, 2, 5]	0.0214	0.0213	0.1455	-0.2641	0.3088	0.5600	0.4400
wIR[49, 2, 5]	0.0316	0.0308	0.1440	-0.2507	0.3169	0.5861	0.4139
wIR[50, 2, 5]	-0.0039	-0.0040	0.1419	-0.2834	0.2760	0.4874	0.5126
wIR[1, 3, 5]	0.0163	0.0156	0.1475	-0.2728	0.3082	0.5420	0.4580
wIR[2, 3, 5]	-0.0002	0.0008	0.1509	-0.2969	0.2948	0.5019	0.4981
wIR[3, 3, 5]	-0.0030	-0.0034	0.1461	-0.2914	0.2851	0.4910	0.5090
wIR[4, 3, 5]	0.0037	0.0034	0.1485	-0.2892	0.2937	0.5095	0.4905
wIR[5, 3, 5]	0.0551	0.0544	0.1505	-0.2385	0.3519	0.6444	0.3556
wIR[6, 3, 5]	0.0087	0.0083	0.1489	-0.2835	0.3035	0.5231	0.4769
wIR[7, 3, 5]	0.0196	0.0187	0.1465	-0.2672	0.3112	0.5518	0.4482
wIR[8, 3, 5]	-0.0218	-0.0215	0.1469	-0.3122	0.2648	0.4417	0.5583

wIR[9, 3, 5]	-0.0342	-0.0331	0.1470	-0.3257	0.2502	0.4101	0.5899
wIR[10, 3, 5]	-0.0253	-0.0252	0.1492	-0.3217	0.2684	0.4323	0.5677
wIR[11, 3, 5]	-0.0145	-0.0140	0.1448	-0.2995	0.2688	0.4617	0.5383
wIR[12, 3, 5]	-0.0111	-0.0104	0.1443	-0.2954	0.2701	0.4707	0.5293
wIR[13, 3, 5]	-0.0001	0.0003	0.1499	-0.2961	0.2951	0.5008	0.4992
wIR[14, 3, 5]	-0.0066	-0.0069	0.1438	-0.2881	0.2756	0.4807	0.5193
wIR[15, 3, 5]	-0.0257	-0.0251	0.1447	-0.3115	0.2570	0.4306	0.5694
wIR[16, 3, 5]	-0.0076	-0.0071	0.1482	-0.3018	0.2844	0.4803	0.5197
wIR[17, 3, 5]	-0.0237	-0.0238	0.1452	-0.3093	0.2605	0.4347	0.5653
wIR[18, 3, 5]	0.0006	0.0000	0.1496	-0.2938	0.2962	0.5000	0.5000
wIR[19, 3, 5]	0.0046	0.0041	0.1494	-0.2880	0.2978	0.5110	0.4890
wIR[20, 3, 5]	-0.0003	-0.0005	0.1597	-0.3133	0.3123	0.4988	0.5012
wIR[21, 3, 5]	0.0000	0.0003	0.1448	-0.2870	0.2830	0.5009	0.4991
wIR[22, 3, 5]	0.0016	0.0010	0.1456	-0.2838	0.2891	0.5029	0.4971
wIR[23, 3, 5]	0.0005	0.0014	0.1519	-0.2988	0.2999	0.5032	0.4968
wIR[24, 3, 5]	0.0080	0.0080	0.1457	-0.2766	0.2970	0.5215	0.4785
wIR[25, 3, 5]	-0.0002	-0.0002	0.1503	-0.2946	0.2955	0.4993	0.5007
wIR[26, 3, 5]	-0.0047	-0.0049	0.1495	-0.3005	0.2884	0.4871	0.5129
wIR[27, 3, 5]	-0.0055	-0.0054	0.1484	-0.2980	0.2864	0.4846	0.5154
wIR[28, 3, 5]	-0.0174	-0.0181	0.1540	-0.3206	0.2847	0.4528	0.5472
wIR[29, 3, 5]	-0.0087	-0.0088	0.1452	-0.2943	0.2775	0.4753	0.5247
wIR[30, 3, 5]	-0.0670	-0.0661	0.1483	-0.3609	0.2209	0.3260	0.6740
wIR[31, 3, 5]	-0.0098	-0.0095	0.1460	-0.2979	0.2796	0.4729	0.5271
wIR[32, 3, 5]	0.0078	0.0078	0.1492	-0.2870	0.3017	0.5212	0.4788
wIR[33, 3, 5]	0.0058	0.0055	0.1465	-0.2822	0.2954	0.5150	0.4850
wIR[34, 3, 5]	-0.0060	-0.0061	0.1470	-0.2972	0.2831	0.4837	0.5163
wIR[35, 3, 5]	0.0030	0.0028	0.1455	-0.2831	0.2898	0.5075	0.4925
wIR[36, 3, 5]	0.0004	0.0008	0.1499	-0.2938	0.2963	0.5022	0.4978
wIR[37, 3, 5]	0.0016	0.0010	0.1446	-0.2820	0.2870	0.5030	0.4970
wIR[38, 3, 5]	-0.0006	-0.0003	0.1457	-0.2865	0.2858	0.4993	0.5007
wIR[39, 3, 5]	0.0037	0.0038	0.1457	-0.2801	0.2913	0.5102	0.4898
wIR[40, 3, 5]	-0.0161	-0.0164	0.1472	-0.3057	0.2747	0.4545	0.5455
wIR[41, 3, 5]	-0.0001	0.0002	0.1470	-0.2891	0.2883	0.5003	0.4997
wIR[42, 3, 5]	-0.0107	-0.0114	0.1551	-0.3146	0.2954	0.4710	0.5290
wIR[43, 3, 5]	-0.0026	-0.0024	0.1468	-0.2914	0.2845	0.4933	0.5067
wIR[44, 3, 5]	-0.0113	-0.0101	0.1483	-0.3051	0.2792	0.4724	0.5276
wIR[45, 3, 5]	-0.0217	-0.0211	0.1456	-0.3095	0.2625	0.4426	0.5574
wIR[46, 3, 5]	0.0011	0.0012	0.1496	-0.2926	0.2962	0.5030	0.4970
wIR[47, 3, 5]	0.0003	0.0007	0.1493	-0.2923	0.2940	0.5018	0.4982
wIR[48, 3, 5]	0.0074	0.0074	0.1474	-0.2829	0.2984	0.5204	0.4796
wIR[49, 3, 5]	-0.0013	-0.0019	0.1458	-0.2889	0.2835	0.4954	0.5046
wIR[50, 3, 5]	0.0134	0.0131	0.1443	-0.2690	0.2987	0.5368	0.4632
wIR[1, 4, 5]	0.0373	0.0372	0.1445	-0.2449	0.3224	0.6018	0.3982
wIR[2, 4, 5]	0.0272	0.0264	0.1478	-0.2617	0.3205	0.5721	0.4279
wIR[3, 4, 5]	0.0008	0.0001	0.1436	-0.2817	0.2823	0.5004	0.4996
wIR[4, 4, 5]	0.0291	0.0294	0.1454	-0.2567	0.3149	0.5804	0.4196
wIR[5, 4, 5]	0.0071	0.0071	0.1479	-0.2832	0.2997	0.5190	0.4810
wIR[6, 4, 5]	0.0147	0.0148	0.1461	-0.2733	0.3026	0.5396	0.4604
wIR[7, 4, 5]	-0.0008	-0.0011	0.1441	-0.2832	0.2826	0.4970	0.5030
wIR[8, 4, 5]	-0.0051	-0.0051	0.1449	-0.2903	0.2813	0.4856	0.5144

wIR[9, 4, 5]	0.0073	0.0070	0.1433	-0.2756	0.2897	0.5205	0.4795
wIR[10, 4, 5]	0.0181	0.0176	0.1467	-0.2682	0.3084	0.5475	0.4525
wIR[11, 4, 5]	-0.0028	-0.0029	0.1419	-0.2813	0.2778	0.4916	0.5084
wIR[12, 4, 5]	-0.0186	-0.0184	0.1419	-0.2990	0.2601	0.4492	0.5508
wIR[13, 4, 5]	0.0000	-0.0003	0.1473	-0.2897	0.2907	0.4991	0.5009
wIR[14, 4, 5]	0.0232	0.0228	0.1412	-0.2539	0.3022	0.5652	0.4348
wIR[15, 4, 5]	0.0008	0.0005	0.1418	-0.2778	0.2799	0.5017	0.4983
wIR[16, 4, 5]	0.0226	0.0223	0.1450	-0.2610	0.3077	0.5605	0.4395
wIR[17, 4, 5]	0.0232	0.0224	0.1425	-0.2546	0.3054	0.5632	0.4368
wIR[18, 4, 5]	0.0084	0.0089	0.1458	-0.2787	0.2935	0.5248	0.4752
wIR[19, 4, 5]	0.0237	0.0237	0.1467	-0.2644	0.3123	0.5635	0.4365
wIR[20, 4, 5]	-0.0253	-0.0253	0.1555	-0.3317	0.2787	0.4346	0.5654
wIR[21, 4, 5]	-0.0122	-0.0119	0.1420	-0.2935	0.2662	0.4660	0.5340
wIR[22, 4, 5]	-0.0351	-0.0339	0.1429	-0.3195	0.2418	0.4039	0.5961
wIR[23, 4, 5]	-0.0517	-0.0504	0.1480	-0.3469	0.2374	0.3650	0.6350
wIR[24, 4, 5]	-0.0075	-0.0074	0.1436	-0.2897	0.2752	0.4795	0.5205
wIR[25, 4, 5]	0.0006	0.0010	0.1477	-0.2896	0.2900	0.5027	0.4973
wIR[26, 4, 5]	0.0032	0.0033	0.1453	-0.2809	0.2905	0.5090	0.4910
wIR[27, 4, 5]	0.0010	0.0012	0.1468	-0.2885	0.2882	0.5035	0.4965
wIR[28, 4, 5]	-0.0140	-0.0135	0.1516	-0.3157	0.2817	0.4640	0.5360
wIR[29, 4, 5]	-0.0217	-0.0211	0.1426	-0.3035	0.2588	0.4392	0.5608
wIR[30, 4, 5]	0.0247	0.0246	0.1445	-0.2577	0.3107	0.5678	0.4322
wIR[31, 4, 5]	0.0137	0.0138	0.1433	-0.2692	0.2964	0.5389	0.4611
wIR[32, 4, 5]	0.0186	0.0182	0.1463	-0.2689	0.3062	0.5502	0.4498
wIR[33, 4, 5]	0.0293	0.0288	0.1434	-0.2540	0.3132	0.5820	0.4180
wIR[34, 4, 5]	0.0236	0.0228	0.1445	-0.2583	0.3101	0.5638	0.4362
wIR[35, 4, 5]	0.0309	0.0305	0.1431	-0.2479	0.3143	0.5848	0.4152
wIR[36, 4, 5]	-0.0004	-0.0003	0.1482	-0.2924	0.2921	0.4992	0.5008
wIR[37, 4, 5]	0.0285	0.0289	0.1422	-0.2524	0.3092	0.5823	0.4177
wIR[38, 4, 5]	-0.0060	-0.0055	0.1428	-0.2885	0.2752	0.4841	0.5159
wIR[39, 4, 5]	0.0308	0.0305	0.1424	-0.2482	0.3119	0.5851	0.4149
wIR[40, 4, 5]	0.0489	0.0476	0.1447	-0.2322	0.3342	0.6315	0.3685
wIR[41, 4, 5]	-0.0030	-0.0034	0.1437	-0.2860	0.2809	0.4905	0.5095
wIR[42, 4, 5]	-0.0100	-0.0091	0.1518	-0.3128	0.2876	0.4755	0.5245
wIR[43, 4, 5]	-0.0183	-0.0188	0.1437	-0.3010	0.2662	0.4482	0.5518
wIR[44, 4, 5]	-0.0041	-0.0035	0.1465	-0.2934	0.2851	0.4902	0.5098
wIR[45, 4, 5]	-0.0007	-0.0012	0.1430	-0.2801	0.2826	0.4967	0.5033
wIR[46, 4, 5]	0.0151	0.0152	0.1463	-0.2731	0.3037	0.5419	0.4581
wIR[47, 4, 5]	-0.0010	-0.0010	0.1472	-0.2929	0.2860	0.4971	0.5029
wIR[48, 4, 5]	-0.0102	-0.0100	0.1441	-0.2942	0.2702	0.4725	0.5275
wIR[49, 4, 5]	-0.0413	-0.0405	0.1426	-0.3224	0.2376	0.3871	0.6129
wIR[50, 4, 5]	-0.0133	-0.0133	0.1416	-0.2914	0.2636	0.4627	0.5373
wIR[1, 5, 5]	-0.0433	-0.0428	0.1423	-0.3231	0.2339	0.3801	0.6199
wIR[2, 5, 5]	0.0622	0.0616	0.1450	-0.2208	0.3510	0.6669	0.3331
wIR[3, 5, 5]	-0.0125	-0.0127	0.1428	-0.2942	0.2672	0.4646	0.5354
wIR[4, 5, 5]	0.0617	0.0609	0.1431	-0.2151	0.3463	0.6657	0.3343
wIR[5, 5, 5]	0.0772	0.0752	0.1457	-0.2035	0.3682	0.7010	0.2990 *
wIR[6, 5, 5]	-0.0693	-0.0686	0.1433	-0.3539	0.2095	0.3151	0.6849
wIR[7, 5, 5]	-0.0788	-0.0778	0.1419	-0.3609	0.1991	0.2872	0.7128 *
wIR[8, 5, 5]	-0.0083	-0.0084	0.1411	-0.2876	0.2692	0.4762	0.5238

wIR[9, 5, 5]	-0.0582	-0.0567	0.1418	-0.3402	0.2185	0.3420	0.6580
wIR[10, 5, 5]	-0.0189	-0.0185	0.1439	-0.3033	0.2635	0.4481	0.5519
wIR[11, 5, 5]	-0.0631	-0.0624	0.1397	-0.3389	0.2095	0.3274	0.6726
wIR[12, 5, 5]	-0.0312	-0.0309	0.1394	-0.3055	0.2421	0.4112	0.5888
wIR[13, 5, 5]	0.0007	0.0008	0.1481	-0.2895	0.2926	0.5022	0.4978
wIR[14, 5, 5]	0.0331	0.0325	0.1388	-0.2382	0.3093	0.5935	0.4065
wIR[15, 5, 5]	0.0128	0.0124	0.1400	-0.2611	0.2902	0.5361	0.4639
wIR[16, 5, 5]	0.0061	0.0050	0.1425	-0.2746	0.2864	0.5150	0.4850
wIR[17, 5, 5]	-0.0124	-0.0127	0.1399	-0.2869	0.2620	0.4636	0.5364
wIR[18, 5, 5]	-0.0123	-0.0120	0.1449	-0.2960	0.2739	0.4648	0.5352
wIR[19, 5, 5]	0.0223	0.0222	0.1436	-0.2595	0.3055	0.5604	0.4396
wIR[20, 5, 5]	-0.0350	-0.0342	0.1522	-0.3360	0.2608	0.4111	0.5889
wIR[21, 5, 5]	-0.0419	-0.0414	0.1400	-0.3211	0.2311	0.3828	0.6172
wIR[22, 5, 5]	-0.0696	-0.0679	0.1406	-0.3505	0.2028	0.3108	0.6892
wIR[23, 5, 5]	-0.0294	-0.0288	0.1455	-0.3181	0.2535	0.4216	0.5784
wIR[24, 5, 5]	0.0165	0.0162	0.1406	-0.2580	0.2951	0.5469	0.4531
wIR[25, 5, 5]	0.0015	0.0014	0.1478	-0.2903	0.2923	0.5038	0.4962
wIR[26, 5, 5]	-0.0294	-0.0301	0.1433	-0.3106	0.2526	0.4176	0.5824
wIR[27, 5, 5]	0.0064	0.0066	0.1431	-0.2756	0.2862	0.5194	0.4806
wIR[28, 5, 5]	-0.0175	-0.0173	0.1477	-0.3079	0.2725	0.4528	0.5472
wIR[29, 5, 5]	0.0536	0.0530	0.1396	-0.2186	0.3304	0.6500	0.3500
wIR[30, 5, 5]	-0.0078	-0.0074	0.1416	-0.2860	0.2711	0.4794	0.5206
wIR[31, 5, 5]	-0.0303	-0.0304	0.1401	-0.3065	0.2453	0.4144	0.5856
wIR[32, 5, 5]	0.0203	0.0193	0.1448	-0.2625	0.3073	0.5553	0.4447
wIR[33, 5, 5]	0.0277	0.0270	0.1408	-0.2480	0.3077	0.5770	0.4230
wIR[34, 5, 5]	-0.0199	-0.0190	0.1418	-0.2997	0.2578	0.4456	0.5544
wIR[35, 5, 5]	0.0421	0.0425	0.1411	-0.2350	0.3209	0.6181	0.3819
wIR[36, 5, 5]	-0.0001	-0.0001	0.1478	-0.2900	0.2909	0.4997	0.5003
wIR[37, 5, 5]	0.0164	0.0163	0.1388	-0.2546	0.2889	0.5476	0.4524
wIR[38, 5, 5]	0.0417	0.0411	0.1406	-0.2346	0.3194	0.6183	0.3817
wIR[39, 5, 5]	-0.0467	-0.0455	0.1403	-0.3263	0.2264	0.3694	0.6306
wIR[40, 5, 5]	-0.0380	-0.0367	0.1425	-0.3231	0.2381	0.3957	0.6043
wIR[41, 5, 5]	-0.0334	-0.0337	0.1420	-0.3137	0.2442	0.4068	0.5932
wIR[42, 5, 5]	-0.0387	-0.0381	0.1478	-0.3318	0.2500	0.3965	0.6035
wIR[43, 5, 5]	0.0576	0.0562	0.1420	-0.2175	0.3408	0.6570	0.3430
wIR[44, 5, 5]	-0.0153	-0.0148	0.1436	-0.2986	0.2660	0.4597	0.5403
wIR[45, 5, 5]	0.0065	0.0068	0.1396	-0.2680	0.2812	0.5192	0.4808
wIR[46, 5, 5]	0.0219	0.0214	0.1434	-0.2575	0.3059	0.5597	0.4403
wIR[47, 5, 5]	0.0000	0.0002	0.1481	-0.2916	0.2909	0.5006	0.4994
wIR[48, 5, 5]	-0.0732	-0.0714	0.1425	-0.3563	0.2039	0.3024	0.6976
wIR[49, 5, 5]	-0.0142	-0.0139	0.1404	-0.2898	0.2613	0.4587	0.5413
wIR[50, 5, 5]	-0.0073	-0.0076	0.1385	-0.2798	0.2662	0.4781	0.5219
wIR[1, 6, 5]	0.0547	0.0540	0.1458	-0.2288	0.3443	0.6459	0.3541
wIR[2, 6, 5]	0.0195	0.0190	0.1487	-0.2714	0.3129	0.5509	0.4491
wIR[3, 6, 5]	0.0044	0.0046	0.1460	-0.2852	0.2923	0.5124	0.4876
wIR[4, 6, 5]	-0.0211	-0.0216	0.1467	-0.3113	0.2666	0.4417	0.5583
wIR[5, 6, 5]	-0.0103	-0.0099	0.1501	-0.3063	0.2842	0.4726	0.5274
wIR[6, 6, 5]	0.0595	0.0582	0.1469	-0.2261	0.3488	0.6567	0.3433
wIR[7, 6, 5]	0.0403	0.0388	0.1462	-0.2464	0.3307	0.6093	0.3907
wIR[8, 6, 5]	-0.0066	-0.0065	0.1455	-0.2924	0.2804	0.4824	0.5176

wIR[9, 6, 5]	0.0593	0.0585	0.1454	-0.2245	0.3498	0.6578	0.3422
wIR[10, 6, 5]	0.0426	0.0426	0.1480	-0.2481	0.3356	0.6136	0.3864
wIR[11, 6, 5]	0.0283	0.0283	0.1433	-0.2526	0.3088	0.5782	0.4218
wIR[12, 6, 5]	0.0276	0.0269	0.1436	-0.2519	0.3134	0.5753	0.4247
wIR[13, 6, 5]	0.0006	0.0009	0.1504	-0.2957	0.2950	0.5023	0.4977
wIR[14, 6, 5]	0.0231	0.0228	0.1425	-0.2587	0.3049	0.5644	0.4356
wIR[15, 6, 5]	0.0100	0.0102	0.1430	-0.2692	0.2901	0.5283	0.4717
wIR[16, 6, 5]	-0.0021	-0.0021	0.1463	-0.2893	0.2837	0.4939	0.5061
wIR[17, 6, 5]	0.0459	0.0452	0.1440	-0.2369	0.3311	0.6244	0.3756
wIR[18, 6, 5]	0.0569	0.0567	0.1488	-0.2342	0.3537	0.6488	0.3512
wIR[19, 6, 5]	0.0065	0.0071	0.1479	-0.2871	0.2958	0.5194	0.4806
wIR[20, 6, 5]	0.0367	0.0358	0.1577	-0.2727	0.3500	0.5913	0.4087
wIR[21, 6, 5]	0.0206	0.0203	0.1437	-0.2615	0.3042	0.5571	0.4429
wIR[22, 6, 5]	0.0286	0.0284	0.1441	-0.2537	0.3119	0.5795	0.4205
wIR[23, 6, 5]	0.0061	0.0055	0.1496	-0.2855	0.3010	0.5153	0.4847
wIR[24, 6, 5]	-0.0010	-0.0013	0.1440	-0.2831	0.2831	0.4960	0.5040
wIR[25, 6, 5]	-0.0008	-0.0014	0.1505	-0.2985	0.2941	0.4966	0.5034
wIR[26, 6, 5]	0.0367	0.0356	0.1471	-0.2500	0.3301	0.5970	0.4030
wIR[27, 6, 5]	0.0384	0.0382	0.1473	-0.2499	0.3302	0.6044	0.3956
wIR[28, 6, 5]	0.0445	0.0437	0.1522	-0.2523	0.3464	0.6147	0.3853
wIR[29, 6, 5]	-0.0120	-0.0114	0.1440	-0.2953	0.2701	0.4685	0.5315
wIR[30, 6, 5]	0.0450	0.0442	0.1463	-0.2398	0.3336	0.6217	0.3783
wIR[31, 6, 5]	0.0401	0.0393	0.1438	-0.2415	0.3240	0.6105	0.3895
wIR[32, 6, 5]	0.0114	0.0117	0.1478	-0.2802	0.3030	0.5314	0.4686
wIR[33, 6, 5]	0.0158	0.0156	0.1443	-0.2686	0.3006	0.5444	0.4556
wIR[34, 6, 5]	0.0417	0.0405	0.1457	-0.2428	0.3308	0.6126	0.3874
wIR[35, 6, 5]	-0.0096	-0.0094	0.1448	-0.2966	0.2721	0.4733	0.5267
wIR[36, 6, 5]	0.0005	0.0001	0.1499	-0.2936	0.2966	0.5002	0.4998
wIR[37, 6, 5]	0.0229	0.0226	0.1433	-0.2560	0.3061	0.5618	0.4382
wIR[38, 6, 5]	0.0127	0.0125	0.1443	-0.2681	0.2997	0.5355	0.4645
wIR[39, 6, 5]	0.0477	0.0464	0.1436	-0.2317	0.3333	0.6288	0.3712
wIR[40, 6, 5]	0.0159	0.0160	0.1463	-0.2728	0.3036	0.5437	0.4563
wIR[41, 6, 5]	-0.0003	-0.0006	0.1455	-0.2857	0.2869	0.4983	0.5017
wIR[42, 6, 5]	0.0419	0.0411	0.1534	-0.2570	0.3468	0.6076	0.3924
wIR[43, 6, 5]	-0.0233	-0.0228	0.1450	-0.3085	0.2620	0.4366	0.5634
wIR[44, 6, 5]	0.0192	0.0182	0.1477	-0.2690	0.3110	0.5502	0.4498
wIR[45, 6, 5]	0.0081	0.0075	0.1440	-0.2728	0.2933	0.5215	0.4785
wIR[46, 6, 5]	0.0097	0.0100	0.1469	-0.2765	0.2998	0.5265	0.4735
wIR[47, 6, 5]	-0.0008	-0.0014	0.1498	-0.2937	0.2956	0.4963	0.5037
wIR[48, 6, 5]	0.0373	0.0363	0.1460	-0.2477	0.3278	0.5991	0.4009
wIR[49, 6, 5]	0.0280	0.0270	0.1448	-0.2537	0.3163	0.5752	0.4248
wIR[50, 6, 5]	0.0367	0.0358	0.1424	-0.2424	0.3177	0.5999	0.4001
wIR[1, 1, 6]	0.0152	0.0147	0.1435	-0.2672	0.2970	0.5420	0.4580
wIR[2, 1, 6]	0.0041	0.0040	0.1435	-0.2776	0.2868	0.5109	0.4891
wIR[3, 1, 6]	-0.0095	-0.0091	0.1435	-0.2940	0.2721	0.4745	0.5255
wIR[4, 1, 6]	0.0203	0.0200	0.1418	-0.2568	0.2998	0.5579	0.4421
wIR[5, 1, 6]	0.0175	0.0169	0.1436	-0.2634	0.3035	0.5473	0.4527
wIR[6, 1, 6]	0.0151	0.0142	0.1470	-0.2736	0.3047	0.5393	0.4607
wIR[7, 1, 6]	0.0240	0.0239	0.1432	-0.2545	0.3080	0.5673	0.4327
wIR[8, 1, 6]	0.0225	0.0215	0.1446	-0.2621	0.3072	0.5615	0.4385

wIR[9, 1, 6]	0.0035	0.0024	0.1431	-0.2783	0.2878	0.5066	0.4934
wIR[10, 1, 6]	-0.0005	-0.0007	0.1478	-0.2919	0.2914	0.4984	0.5016
wIR[11, 1, 6]	0.0112	0.0108	0.1418	-0.2678	0.2913	0.5306	0.4694
wIR[12, 1, 6]	0.0271	0.0263	0.1513	-0.2685	0.3257	0.5705	0.4295
wIR[13, 1, 6]	-0.0007	0.0002	0.1471	-0.2875	0.2875	0.5004	0.4996
wIR[14, 1, 6]	-0.0218	-0.0213	0.1511	-0.3194	0.2744	0.4438	0.5562
wIR[15, 1, 6]	-0.0223	-0.0218	0.1513	-0.3203	0.2730	0.4429	0.5571
wIR[16, 1, 6]	-0.0612	-0.0602	0.1531	-0.3664	0.2364	0.3446	0.6554
wIR[17, 1, 6]	0.0041	0.0041	0.1432	-0.2774	0.2851	0.5119	0.4881
wIR[18, 1, 6]	0.0035	0.0034	0.1455	-0.2828	0.2896	0.5095	0.4905
wIR[19, 1, 6]	0.0239	0.0236	0.1452	-0.2610	0.3124	0.5650	0.4350
wIR[20, 1, 6]	-0.0349	-0.0345	0.1452	-0.3220	0.2488	0.4050	0.5950
wIR[21, 1, 6]	0.0085	0.0086	0.1422	-0.2710	0.2882	0.5242	0.4758
wIR[22, 1, 6]	0.0240	0.0236	0.1433	-0.2552	0.3089	0.5664	0.4336
wIR[23, 1, 6]	-0.0406	-0.0404	0.1454	-0.3277	0.2437	0.3898	0.6102
wIR[24, 1, 6]	0.0018	0.0010	0.1415	-0.2754	0.2829	0.5025	0.4975
wIR[25, 1, 6]	0.0006	0.0002	0.1475	-0.2904	0.2924	0.5005	0.4995
wIR[26, 1, 6]	-0.0244	-0.0240	0.1418	-0.3042	0.2538	0.4309	0.5691
wIR[27, 1, 6]	-0.0156	-0.0149	0.1453	-0.3023	0.2700	0.4593	0.5407
wIR[28, 1, 6]	0.0195	0.0197	0.1463	-0.2665	0.3079	0.5532	0.4468
wIR[29, 1, 6]	-0.0107	-0.0104	0.1401	-0.2860	0.2654	0.4697	0.5303
wIR[30, 1, 6]	0.0044	0.0041	0.1425	-0.2758	0.2863	0.5119	0.4881
wIR[31, 1, 6]	-0.0127	-0.0129	0.1447	-0.2982	0.2709	0.4647	0.5353
wIR[32, 1, 6]	0.0184	0.0180	0.1458	-0.2669	0.3077	0.5508	0.4492
wIR[33, 1, 6]	0.0253	0.0249	0.1454	-0.2593	0.3127	0.5690	0.4310
wIR[34, 1, 6]	0.0127	0.0124	0.1468	-0.2759	0.3013	0.5347	0.4653
wIR[35, 1, 6]	0.0215	0.0206	0.1465	-0.2654	0.3124	0.5568	0.4432
wIR[36, 1, 6]	0.0011	0.0012	0.1472	-0.2876	0.2906	0.5034	0.4966
wIR[37, 1, 6]	-0.0010	-0.0011	0.1497	-0.2959	0.2935	0.4967	0.5033
wIR[38, 1, 6]	-0.0247	-0.0235	0.1448	-0.3113	0.2583	0.4331	0.5669
wIR[39, 1, 6]	0.0402	0.0391	0.1574	-0.2664	0.3521	0.5980	0.4020
wIR[40, 1, 6]	0.0271	0.0263	0.1477	-0.2606	0.3186	0.5738	0.4262
wIR[41, 1, 6]	0.0007	0.0005	0.1450	-0.2837	0.2866	0.5013	0.4987
wIR[42, 1, 6]	0.0476	0.0473	0.1483	-0.2396	0.3424	0.6250	0.3750
wIR[43, 1, 6]	-0.0140	-0.0143	0.1450	-0.3001	0.2704	0.4608	0.5392
wIR[44, 1, 6]	0.0004	0.0005	0.1472	-0.2904	0.2911	0.5010	0.4990
wIR[45, 1, 6]	-0.0294	-0.0290	0.1415	-0.3117	0.2458	0.4180	0.5820
wIR[46, 1, 6]	0.0220	0.0215	0.1449	-0.2609	0.3081	0.5599	0.4401
wIR[47, 1, 6]	-0.0008	-0.0003	0.1472	-0.2915	0.2892	0.4991	0.5009
wIR[48, 1, 6]	0.0561	0.0558	0.1936	-0.3216	0.4407	0.6130	0.3870
wIR[49, 1, 6]	-0.0047	-0.0043	0.1428	-0.2844	0.2773	0.4879	0.5121
wIR[50, 1, 6]	0.0092	0.0093	0.1413	-0.2690	0.2871	0.5273	0.4727
wIR[1, 2, 6]	-0.0287	-0.0286	0.1452	-0.3141	0.2580	0.4199	0.5801
wIR[2, 2, 6]	-0.0393	-0.0390	0.1452	-0.3250	0.2458	0.3938	0.6062
wIR[3, 2, 6]	-0.0073	-0.0073	0.1436	-0.2912	0.2737	0.4799	0.5201
wIR[4, 2, 6]	0.0371	0.0361	0.1435	-0.2438	0.3202	0.6032	0.3968
wIR[5, 2, 6]	0.0106	0.0104	0.1447	-0.2748	0.2957	0.5289	0.4711
wIR[6, 2, 6]	-0.0159	-0.0157	0.1485	-0.3105	0.2746	0.4573	0.5427
wIR[7, 2, 6]	-0.0264	-0.0256	0.1443	-0.3113	0.2571	0.4276	0.5724
wIR[8, 2, 6]	0.0186	0.0183	0.1461	-0.2689	0.3064	0.5510	0.4490

wIR[9, 2, 6]	-0.0222	-0.0214	0.1449	-0.3089	0.2611	0.4403	0.5597
wIR[10, 2, 6]	-0.0011	-0.0007	0.1479	-0.2920	0.2891	0.4981	0.5019
wIR[11, 2, 6]	-0.0041	-0.0039	0.1426	-0.2843	0.2778	0.4893	0.5107
wIR[12, 2, 6]	-0.0023	-0.0024	0.1531	-0.3011	0.2988	0.4931	0.5069
wIR[13, 2, 6]	-0.0005	-0.0003	0.1485	-0.2923	0.2916	0.4991	0.5009
wIR[14, 2, 6]	0.0163	0.0159	0.1518	-0.2813	0.3181	0.5433	0.4567
wIR[15, 2, 6]	0.0083	0.0073	0.1523	-0.2880	0.3097	0.5193	0.4807
wIR[16, 2, 6]	-0.0141	-0.0145	0.1545	-0.3189	0.2905	0.4621	0.5379
wIR[17, 2, 6]	-0.0144	-0.0150	0.1443	-0.2986	0.2694	0.4593	0.5407
wIR[18, 2, 6]	-0.0216	-0.0208	0.1469	-0.3126	0.2663	0.4420	0.5580
wIR[19, 2, 6]	-0.0314	-0.0312	0.1467	-0.3211	0.2557	0.4147	0.5853
wIR[20, 2, 6]	-0.0346	-0.0343	0.1463	-0.3257	0.2507	0.4058	0.5942
wIR[21, 2, 6]	-0.0037	-0.0033	0.1433	-0.2870	0.2783	0.4908	0.5092
wIR[22, 2, 6]	0.0008	0.0002	0.1453	-0.2840	0.2848	0.5006	0.4994
wIR[23, 2, 6]	0.0212	0.0212	0.1477	-0.2688	0.3140	0.5573	0.4427
wIR[24, 2, 6]	-0.0095	-0.0087	0.1419	-0.2910	0.2671	0.4758	0.5242
wIR[25, 2, 6]	-0.0002	-0.0003	0.1481	-0.2932	0.2914	0.4991	0.5009
wIR[26, 2, 6]	-0.0067	-0.0061	0.1428	-0.2900	0.2736	0.4817	0.5183
wIR[27, 2, 6]	-0.0284	-0.0293	0.1464	-0.3172	0.2592	0.4212	0.5788
wIR[28, 2, 6]	-0.0281	-0.0278	0.1468	-0.3185	0.2603	0.4237	0.5763
wIR[29, 2, 6]	-0.0014	-0.0017	0.1412	-0.2778	0.2774	0.4951	0.5049
wIR[30, 2, 6]	-0.0265	-0.0260	0.1434	-0.3096	0.2525	0.4279	0.5721
wIR[31, 2, 6]	-0.0297	-0.0294	0.1454	-0.3160	0.2551	0.4183	0.5817
wIR[32, 2, 6]	-0.0312	-0.0305	0.1467	-0.3234	0.2546	0.4158	0.5842
wIR[33, 2, 6]	-0.0109	-0.0110	0.1467	-0.3011	0.2775	0.4695	0.5305
wIR[34, 2, 6]	0.0082	0.0073	0.1490	-0.2829	0.3021	0.5202	0.4798
wIR[35, 2, 6]	-0.0186	-0.0181	0.1481	-0.3125	0.2712	0.4508	0.5492
wIR[36, 2, 6]	-0.0007	-0.0008	0.1487	-0.2917	0.2922	0.4979	0.5021
wIR[37, 2, 6]	0.0059	0.0058	0.1519	-0.2942	0.3048	0.5147	0.4853
wIR[38, 2, 6]	-0.0176	-0.0181	0.1461	-0.3070	0.2691	0.4514	0.5486
wIR[39, 2, 6]	-0.0181	-0.0172	0.1600	-0.3354	0.2943	0.4556	0.5444
wIR[40, 2, 6]	-0.0268	-0.0262	0.1500	-0.3229	0.2652	0.4293	0.5707
wIR[41, 2, 6]	0.0119	0.0115	0.1464	-0.2762	0.2988	0.5317	0.4683
wIR[42, 2, 6]	-0.0270	-0.0261	0.1488	-0.3216	0.2627	0.4296	0.5704
wIR[43, 2, 6]	0.0236	0.0228	0.1458	-0.2643	0.3115	0.5632	0.4368
wIR[44, 2, 6]	0.0004	-0.0004	0.1485	-0.2926	0.2956	0.4987	0.5013
wIR[45, 2, 6]	0.0138	0.0135	0.1425	-0.2670	0.2974	0.5391	0.4609
wIR[46, 2, 6]	-0.0088	-0.0093	0.1460	-0.2953	0.2777	0.4745	0.5255
wIR[47, 2, 6]	-0.0001	-0.0009	0.1477	-0.2904	0.2902	0.4974	0.5026
wIR[48, 2, 6]	-0.0243	-0.0227	0.1984	-0.4189	0.3607	0.4545	0.5455
wIR[49, 2, 6]	0.0244	0.0239	0.1435	-0.2557	0.3092	0.5675	0.4325
wIR[50, 2, 6]	-0.0039	-0.0043	0.1417	-0.2827	0.2755	0.4872	0.5128
wIR[1, 3, 6]	0.0140	0.0137	0.1470	-0.2736	0.3048	0.5382	0.4618
wIR[2, 3, 6]	0.0357	0.0351	0.1481	-0.2529	0.3295	0.5944	0.4056
wIR[3, 3, 6]	0.0025	0.0027	0.1460	-0.2831	0.2920	0.5069	0.4931
wIR[4, 3, 6]	-0.0190	-0.0187	0.1453	-0.3057	0.2664	0.4479	0.5521
wIR[5, 3, 6]	-0.0137	-0.0131	0.1467	-0.3028	0.2733	0.4637	0.5363
wIR[6, 3, 6]	0.0190	0.0188	0.1499	-0.2748	0.3130	0.5499	0.4501
wIR[7, 3, 6]	0.0254	0.0248	0.1464	-0.2613	0.3130	0.5685	0.4315
wIR[8, 3, 6]	-0.0298	-0.0287	0.1480	-0.3215	0.2585	0.4208	0.5792

wIR[9, 3, 6]	0.0069	0.0063	0.1467	-0.2801	0.2972	0.5182	0.4818
wIR[10, 3, 6]	-0.0002	-0.0005	0.1496	-0.2949	0.2937	0.4986	0.5014
wIR[11, 3, 6]	0.0050	0.0053	0.1443	-0.2774	0.2890	0.5149	0.4851
wIR[12, 3, 6]	-0.0031	-0.0021	0.1555	-0.3105	0.3011	0.4942	0.5058
wIR[13, 3, 6]	0.0002	-0.0006	0.1498	-0.2959	0.2941	0.4985	0.5015
wIR[14, 3, 6]	-0.0083	-0.0073	0.1552	-0.3130	0.2955	0.4800	0.5200
wIR[15, 3, 6]	0.0010	0.0004	0.1555	-0.3033	0.3078	0.5009	0.4991
wIR[16, 3, 6]	0.0057	0.0049	0.1582	-0.3049	0.3171	0.5123	0.4877
wIR[17, 3, 6]	0.0197	0.0192	0.1471	-0.2701	0.3112	0.5533	0.4467
wIR[18, 3, 6]	0.0238	0.0234	0.1499	-0.2721	0.3206	0.5636	0.4364
wIR[19, 3, 6]	0.0352	0.0345	0.1488	-0.2560	0.3303	0.5933	0.4067
wIR[20, 3, 6]	0.0377	0.0368	0.1486	-0.2515	0.3327	0.5976	0.4024
wIR[21, 3, 6]	-0.0010	-0.0008	0.1457	-0.2860	0.2844	0.4977	0.5023
wIR[22, 3, 6]	-0.0002	-0.0004	0.1472	-0.2905	0.2912	0.4988	0.5012
wIR[23, 3, 6]	-0.0191	-0.0183	0.1502	-0.3163	0.2739	0.4500	0.5500
wIR[24, 3, 6]	0.0173	0.0169	0.1443	-0.2657	0.3020	0.5481	0.4519
wIR[25, 3, 6]	-0.0004	-0.0010	0.1496	-0.2956	0.2939	0.4973	0.5027
wIR[26, 3, 6]	0.0209	0.0208	0.1442	-0.2612	0.3060	0.5573	0.4427
wIR[27, 3, 6]	0.0041	0.0040	0.1486	-0.2890	0.2964	0.5117	0.4883
wIR[28, 3, 6]	0.0273	0.0271	0.1497	-0.2661	0.3234	0.5736	0.4264
wIR[29, 3, 6]	0.0001	-0.0003	0.1433	-0.2821	0.2806	0.4991	0.5009
wIR[30, 3, 6]	0.0124	0.0121	0.1453	-0.2740	0.2996	0.5333	0.4667
wIR[31, 3, 6]	0.0150	0.0149	0.1478	-0.2744	0.3061	0.5404	0.4596
wIR[32, 3, 6]	0.0253	0.0246	0.1483	-0.2653	0.3194	0.5673	0.4327
wIR[33, 3, 6]	0.0093	0.0092	0.1495	-0.2835	0.3041	0.5242	0.4758
wIR[34, 3, 6]	-0.0019	-0.0008	0.1512	-0.2997	0.2951	0.4979	0.5021
wIR[35, 3, 6]	-0.0053	-0.0053	0.1496	-0.3020	0.2888	0.4860	0.5140
wIR[36, 3, 6]	-0.0005	0.0002	0.1499	-0.2964	0.2948	0.5007	0.4993
wIR[37, 3, 6]	0.0095	0.0097	0.1537	-0.2906	0.3139	0.5257	0.4743
wIR[38, 3, 6]	0.0066	0.0072	0.1479	-0.2850	0.2974	0.5200	0.4800
wIR[39, 3, 6]	0.0123	0.0128	0.1621	-0.3081	0.3293	0.5320	0.4680
wIR[40, 3, 6]	0.0066	0.0069	0.1516	-0.2922	0.3035	0.5176	0.4824
wIR[41, 3, 6]	-0.0179	-0.0177	0.1491	-0.3127	0.2754	0.4531	0.5469
wIR[42, 3, 6]	0.0298	0.0292	0.1522	-0.2688	0.3294	0.5778	0.4222
wIR[43, 3, 6]	-0.0206	-0.0209	0.1477	-0.3114	0.2705	0.4434	0.5566
wIR[44, 3, 6]	-0.0002	-0.0001	0.1500	-0.2952	0.2951	0.4998	0.5002
wIR[45, 3, 6]	-0.0044	-0.0044	0.1446	-0.2879	0.2796	0.4876	0.5124
wIR[46, 3, 6]	-0.0013	-0.0020	0.1492	-0.2953	0.2909	0.4944	0.5056
wIR[47, 3, 6]	-0.0010	-0.0015	0.1502	-0.2967	0.2937	0.4963	0.5037
wIR[48, 3, 6]	0.0062	0.0065	0.1995	-0.3862	0.3949	0.5124	0.4876
wIR[49, 3, 6]	0.0006	0.0004	0.1466	-0.2878	0.2893	0.5014	0.4986
wIR[50, 3, 6]	0.0135	0.0135	0.1451	-0.2719	0.2975	0.5376	0.4624
wIR[1, 4, 6]	0.0157	0.0157	0.1449	-0.2684	0.3017	0.5436	0.4564
wIR[2, 4, 6]	0.0340	0.0332	0.1450	-0.2497	0.3214	0.5915	0.4085
wIR[3, 4, 6]	0.0037	0.0034	0.1430	-0.2788	0.2875	0.5099	0.4901
wIR[4, 4, 6]	0.0017	0.0024	0.1435	-0.2811	0.2836	0.5071	0.4929
wIR[5, 4, 6]	0.0404	0.0394	0.1443	-0.2413	0.3264	0.6081	0.3919
wIR[6, 4, 6]	0.0114	0.0116	0.1470	-0.2786	0.3003	0.5327	0.4673
wIR[7, 4, 6]	-0.0135	-0.0132	0.1423	-0.2915	0.2665	0.4616	0.5384
wIR[8, 4, 6]	-0.0163	-0.0159	0.1462	-0.3053	0.2697	0.4576	0.5424

wIR[9, 4, 6]	0.0101	0.0100	0.1430	-0.2730	0.2910	0.5281	0.4719
wIR[10, 4, 6]	-0.0008	-0.0005	0.1470	-0.2898	0.2903	0.4988	0.5012
wIR[11, 4, 6]	-0.0191	-0.0183	0.1419	-0.3000	0.2593	0.4472	0.5528
wIR[12, 4, 6]	-0.0161	-0.0150	0.1519	-0.3164	0.2793	0.4595	0.5405
wIR[13, 4, 6]	0.0013	0.0006	0.1478	-0.2896	0.2904	0.5014	0.4986
wIR[14, 4, 6]	0.0233	0.0240	0.1514	-0.2748	0.3219	0.5640	0.4360
wIR[15, 4, 6]	0.0458	0.0460	0.1516	-0.2510	0.3421	0.6207	0.3793
wIR[16, 4, 6]	0.0522	0.0516	0.1543	-0.2501	0.3569	0.6321	0.3679
wIR[17, 4, 6]	0.0132	0.0124	0.1433	-0.2680	0.2965	0.5340	0.4660
wIR[18, 4, 6]	-0.0073	-0.0074	0.1466	-0.2969	0.2810	0.4794	0.5206
wIR[19, 4, 6]	-0.0106	-0.0100	0.1464	-0.2997	0.2770	0.4714	0.5286
wIR[20, 4, 6]	-0.0020	-0.0021	0.1459	-0.2897	0.2846	0.4944	0.5056
wIR[21, 4, 6]	-0.0017	-0.0015	0.1422	-0.2806	0.2769	0.4959	0.5041
wIR[22, 4, 6]	-0.0175	-0.0177	0.1437	-0.2992	0.2651	0.4505	0.5495
wIR[23, 4, 6]	0.0071	0.0073	0.1462	-0.2796	0.2963	0.5199	0.4801
wIR[24, 4, 6]	0.0150	0.0150	0.1415	-0.2633	0.2938	0.5428	0.4572
wIR[25, 4, 6]	0.0006	0.0006	0.1477	-0.2897	0.2908	0.5017	0.4983
wIR[26, 4, 6]	-0.0043	-0.0044	0.1418	-0.2847	0.2741	0.4876	0.5124
wIR[27, 4, 6]	0.0339	0.0327	0.1466	-0.2507	0.3255	0.5926	0.4074
wIR[28, 4, 6]	-0.0274	-0.0265	0.1465	-0.3174	0.2585	0.4264	0.5736
wIR[29, 4, 6]	0.0107	0.0110	0.1402	-0.2661	0.2869	0.5314	0.4686
wIR[30, 4, 6]	-0.0022	-0.0017	0.1425	-0.2828	0.2772	0.4948	0.5052
wIR[31, 4, 6]	0.0217	0.0214	0.1445	-0.2614	0.3074	0.5599	0.4401
wIR[32, 4, 6]	0.0266	0.0266	0.1458	-0.2582	0.3131	0.5732	0.4268
wIR[33, 4, 6]	0.0014	0.0012	0.1460	-0.2847	0.2887	0.5032	0.4968
wIR[34, 4, 6]	-0.0040	-0.0041	0.1476	-0.2952	0.2873	0.4881	0.5119
wIR[35, 4, 6]	0.0192	0.0182	0.1475	-0.2694	0.3103	0.5505	0.4495
wIR[36, 4, 6]	-0.0008	-0.0009	0.1477	-0.2909	0.2889	0.4977	0.5023
wIR[37, 4, 6]	0.0292	0.0292	0.1511	-0.2674	0.3263	0.5773	0.4227
wIR[38, 4, 6]	0.0100	0.0096	0.1461	-0.2762	0.2976	0.5266	0.4734
wIR[39, 4, 6]	-0.0020	-0.0028	0.1581	-0.3139	0.3095	0.4932	0.5068
wIR[40, 4, 6]	-0.0266	-0.0263	0.1479	-0.3171	0.2636	0.4299	0.5701
wIR[41, 4, 6]	0.0114	0.0107	0.1453	-0.2734	0.2985	0.5298	0.4702
wIR[42, 4, 6]	-0.0313	-0.0310	0.1480	-0.3232	0.2590	0.4177	0.5823
wIR[43, 4, 6]	0.0131	0.0128	0.1460	-0.2740	0.3017	0.5350	0.4650
wIR[44, 4, 6]	0.0009	0.0021	0.1477	-0.2913	0.2898	0.5057	0.4943
wIR[45, 4, 6]	0.0072	0.0068	0.1420	-0.2717	0.2888	0.5199	0.4801
wIR[46, 4, 6]	-0.0082	-0.0079	0.1455	-0.2945	0.2772	0.4779	0.5221
wIR[47, 4, 6]	0.0000	-0.0001	0.1475	-0.2913	0.2911	0.4998	0.5002
wIR[48, 4, 6]	-0.0685	-0.0675	0.1975	-0.4595	0.3166	0.3641	0.6359
wIR[49, 4, 6]	0.0038	0.0037	0.1430	-0.2773	0.2841	0.5101	0.4899
wIR[50, 4, 6]	0.0047	0.0048	0.1425	-0.2749	0.2864	0.5136	0.4864
wIR[1, 5, 6]	0.0013	0.0008	0.1418	-0.2766	0.2804	0.5023	0.4977
wIR[2, 5, 6]	-0.0268	-0.0261	0.1418	-0.3065	0.2507	0.4266	0.5734
wIR[3, 5, 6]	-0.0128	-0.0132	0.1420	-0.2921	0.2654	0.4634	0.5366
wIR[4, 5, 6]	-0.0068	-0.0070	0.1407	-0.2818	0.2707	0.4795	0.5205
wIR[5, 5, 6]	-0.0314	-0.0313	0.1431	-0.3137	0.2509	0.4128	0.5872
wIR[6, 5, 6]	-0.0547	-0.0541	0.1446	-0.3427	0.2279	0.3533	0.6467
wIR[7, 5, 6]	0.0524	0.0517	0.1404	-0.2235	0.3272	0.6450	0.3550
wIR[8, 5, 6]	-0.0333	-0.0322	0.1426	-0.3146	0.2470	0.4076	0.5924

wIR[9, 5, 6]	0.0039	0.0036	0.1416	-0.2728	0.2851	0.5098	0.4902	
wIR[10, 5, 6]	-0.0005	-0.0009	0.1487	-0.2938	0.2928	0.4977	0.5023	
wIR[11, 5, 6]	-0.0219	-0.0222	0.1390	-0.2951	0.2496	0.4363	0.5637	
wIR[12, 5, 6]	-0.0064	-0.0066	0.1495	-0.2995	0.2866	0.4822	0.5178	
wIR[13, 5, 6]	-0.0004	-0.0003	0.1481	-0.2934	0.2893	0.4992	0.5008	
wIR[14, 5, 6]	-0.0132	-0.0129	0.1482	-0.3054	0.2782	0.4654	0.5346	
wIR[15, 5, 6]	-0.0517	-0.0508	0.1488	-0.3458	0.2392	0.3653	0.6347	
wIR[16, 5, 6]	-0.0265	-0.0255	0.1503	-0.3226	0.2679	0.4296	0.5704	
wIR[17, 5, 6]	-0.0011	-0.0013	0.1411	-0.2791	0.2764	0.4964	0.5036	
wIR[18, 5, 6]	-0.0255	-0.0249	0.1441	-0.3098	0.2560	0.4307	0.5693	
wIR[19, 5, 6]	-0.0178	-0.0177	0.1435	-0.3013	0.2642	0.4518	0.5482	
wIR[20, 5, 6]	-0.0374	-0.0370	0.1427	-0.3204	0.2416	0.3966	0.6034	
wIR[21, 5, 6]	-0.0310	-0.0305	0.1403	-0.3094	0.2431	0.4139	0.5861	
wIR[22, 5, 6]	0.0262	0.0264	0.1419	-0.2517	0.3086	0.5727	0.4273	
wIR[23, 5, 6]	0.0131	0.0130	0.1438	-0.2697	0.2955	0.5372	0.4628	
wIR[24, 5, 6]	0.0289	0.0283	0.1391	-0.2404	0.3061	0.5806	0.4194	
wIR[25, 5, 6]	0.0003	0.0007	0.1483	-0.2920	0.2900	0.5017	0.4983	
wIR[26, 5, 6]	-0.0281	-0.0273	0.1395	-0.3056	0.2435	0.4226	0.5774	
wIR[27, 5, 6]	0.0005	-0.0001	0.1438	-0.2819	0.2850	0.4998	0.5002	
wIR[28, 5, 6]	0.0809	0.0792	0.1454	-0.2017	0.3694	0.7104	0.2896	*
wIR[29, 5, 6]	0.0386	0.0380	0.1381	-0.2310	0.3123	0.6092	0.3908	
wIR[30, 5, 6]	0.0092	0.0088	0.1417	-0.2681	0.2882	0.5240	0.4760	
wIR[31, 5, 6]	-0.0125	-0.0124	0.1419	-0.2914	0.2658	0.4642	0.5358	
wIR[32, 5, 6]	-0.0259	-0.0255	0.1439	-0.3106	0.2546	0.4286	0.5714	
wIR[33, 5, 6]	0.0179	0.0181	0.1441	-0.2662	0.3017	0.5512	0.4488	
wIR[34, 5, 6]	-0.0604	-0.0595	0.1454	-0.3491	0.2226	0.3395	0.6605	
wIR[35, 5, 6]	0.0355	0.0354	0.1447	-0.2478	0.3206	0.5956	0.4044	
wIR[36, 5, 6]	0.0005	0.0004	0.1473	-0.2882	0.2912	0.5012	0.4988	
wIR[37, 5, 6]	-0.0463	-0.0460	0.1479	-0.3396	0.2423	0.3765	0.6235	
wIR[38, 5, 6]	0.0075	0.0075	0.1433	-0.2762	0.2889	0.5209	0.4791	
wIR[39, 5, 6]	0.0198	0.0204	0.1546	-0.2840	0.3242	0.5534	0.4466	
wIR[40, 5, 6]	0.0512	0.0500	0.1460	-0.2328	0.3406	0.6360	0.3640	
wIR[41, 5, 6]	0.0540	0.0539	0.1430	-0.2270	0.3368	0.6495	0.3505	
wIR[42, 5, 6]	-0.0376	-0.0369	0.1460	-0.3274	0.2468	0.3987	0.6013	
wIR[43, 5, 6]	-0.0403	-0.0408	0.1442	-0.3263	0.2409	0.3899	0.6101	
wIR[44, 5, 6]	-0.0005	-0.0003	0.1481	-0.2914	0.2902	0.4993	0.5007	
wIR[45, 5, 6]	-0.0100	-0.0090	0.1389	-0.2839	0.2619	0.4740	0.5260	
wIR[46, 5, 6]	0.0789	0.0773	0.1427	-0.1972	0.3636	0.7083	0.2917	*
wIR[47, 5, 6]	0.0007	0.0008	0.1479	-0.2902	0.2902	0.5023	0.4977	
wIR[48, 5, 6]	-0.0106	-0.0088	0.1911	-0.3907	0.3625	0.4823	0.5177	
wIR[49, 5, 6]	-0.0630	-0.0615	0.1421	-0.3460	0.2119	0.3311	0.6689	
wIR[50, 5, 6]	0.0020	0.0022	0.1399	-0.2737	0.2761	0.5063	0.4937	
wIR[1, 6, 6]	0.0199	0.0191	0.1456	-0.2638	0.3059	0.5534	0.4466	
wIR[2, 6, 6]	0.0204	0.0199	0.1458	-0.2653	0.3063	0.5559	0.4441	
wIR[3, 6, 6]	0.0203	0.0204	0.1451	-0.2643	0.3080	0.5565	0.4435	
wIR[4, 6, 6]	0.0065	0.0056	0.1438	-0.2748	0.2898	0.5161	0.4839	
wIR[5, 6, 6]	0.0183	0.0183	0.1456	-0.2688	0.3044	0.5508	0.4492	
wIR[6, 6, 6]	0.0358	0.0358	0.1483	-0.2547	0.3267	0.5967	0.4033	
wIR[7, 6, 6]	-0.0365	-0.0362	0.1445	-0.3215	0.2461	0.4004	0.5996	
wIR[8, 6, 6]	0.0142	0.0143	0.1465	-0.2728	0.3033	0.5404	0.4596	

wIR[9, 6, 6]	0.0257	0.0258	0.1457	-0.2594	0.3132	0.5720	0.4280
wIR[10, 6, 6]	0.0006	0.0006	0.1502	-0.2951	0.2950	0.5015	0.4985
wIR[11, 6, 6]	0.0011	0.0010	0.1427	-0.2808	0.2815	0.5029	0.4971
wIR[12, 6, 6]	-0.0040	-0.0026	0.1530	-0.3066	0.2955	0.4932	0.5068
wIR[13, 6, 6]	0.0002	0.0000	0.1504	-0.2964	0.2964	0.4999	0.5001
wIR[14, 6, 6]	0.0434	0.0425	0.1527	-0.2555	0.3443	0.6109	0.3891
wIR[15, 6, 6]	0.0501	0.0495	0.1530	-0.2479	0.3509	0.6282	0.3718
wIR[16, 6, 6]	0.0456	0.0450	0.1552	-0.2579	0.3517	0.6149	0.3851
wIR[17, 6, 6]	0.0220	0.0217	0.1448	-0.2617	0.3078	0.5603	0.4397
wIR[18, 6, 6]	0.0299	0.0290	0.1475	-0.2595	0.3215	0.5802	0.4198
wIR[19, 6, 6]	-0.0027	-0.0029	0.1473	-0.2922	0.2867	0.4924	0.5076
wIR[20, 6, 6]	0.0075	0.0078	0.1472	-0.2814	0.2970	0.5213	0.4787
wIR[21, 6, 6]	0.0330	0.0326	0.1439	-0.2486	0.3174	0.5906	0.4094
wIR[22, 6, 6]	-0.0205	-0.0204	0.1455	-0.3078	0.2641	0.4441	0.5559
wIR[23, 6, 6]	0.0029	0.0028	0.1476	-0.2884	0.2950	0.5075	0.4925
wIR[24, 6, 6]	0.0163	0.0163	0.1424	-0.2646	0.2962	0.5459	0.4541
wIR[25, 6, 6]	-0.0012	-0.0010	0.1501	-0.2959	0.2935	0.4974	0.5026
wIR[26, 6, 6]	0.0240	0.0237	0.1432	-0.2572	0.3062	0.5671	0.4329
wIR[27, 6, 6]	0.0288	0.0282	0.1477	-0.2599	0.3189	0.5768	0.4232
wIR[28, 6, 6]	-0.0057	-0.0053	0.1485	-0.2981	0.2845	0.4856	0.5144
wIR[29, 6, 6]	-0.0026	-0.0021	0.1415	-0.2826	0.2743	0.4938	0.5062
wIR[30, 6, 6]	-0.0019	-0.0021	0.1439	-0.2864	0.2825	0.4939	0.5061
wIR[31, 6, 6]	0.0219	0.0219	0.1460	-0.2637	0.3101	0.5592	0.4408
wIR[32, 6, 6]	0.0296	0.0291	0.1472	-0.2583	0.3222	0.5794	0.4206
wIR[33, 6, 6]	0.0121	0.0119	0.1480	-0.2788	0.3037	0.5332	0.4668
wIR[34, 6, 6]	0.0513	0.0500	0.1502	-0.2403	0.3498	0.6320	0.3680
wIR[35, 6, 6]	-0.0192	-0.0184	0.1482	-0.3142	0.2701	0.4492	0.5508
wIR[36, 6, 6]	-0.0005	0.0003	0.1504	-0.2957	0.2943	0.5008	0.4992
wIR[37, 6, 6]	0.0568	0.0562	0.1521	-0.2406	0.3588	0.6449	0.3551
wIR[38, 6, 6]	0.0127	0.0126	0.1475	-0.2750	0.3029	0.5346	0.4654
wIR[39, 6, 6]	-0.0299	-0.0297	0.1603	-0.3467	0.2841	0.4253	0.5747
wIR[40, 6, 6]	-0.0190	-0.0195	0.1502	-0.3143	0.2756	0.4471	0.5529
wIR[41, 6, 6]	-0.0391	-0.0388	0.1474	-0.3312	0.2475	0.3967	0.6033
wIR[42, 6, 6]	-0.0293	-0.0280	0.1499	-0.3287	0.2608	0.4244	0.5756
wIR[43, 6, 6]	0.0220	0.0219	0.1470	-0.2671	0.3116	0.5606	0.4394
wIR[44, 6, 6]	-0.0001	-0.0004	0.1498	-0.2941	0.2973	0.4988	0.5012
wIR[45, 6, 6]	0.0319	0.0313	0.1434	-0.2500	0.3142	0.5869	0.4131
wIR[46, 6, 6]	-0.0118	-0.0116	0.1469	-0.3015	0.2757	0.4680	0.5320
wIR[47, 6, 6]	0.0002	0.0001	0.1506	-0.2964	0.2944	0.5002	0.4998
wIR[48, 6, 6]	-0.0578	-0.0568	0.1969	-0.4503	0.3281	0.3837	0.6163
wIR[49, 6, 6]	0.0289	0.0275	0.1451	-0.2526	0.3163	0.5760	0.4240
wIR[50, 6, 6]	0.0168	0.0163	0.1428	-0.2641	0.2982	0.5462	0.4538
wIR[1, 1, 7]	0.0122	0.0114	0.1452	-0.2709	0.2984	0.5311	0.4689
wIR[2, 1, 7]	0.0263	0.0261	0.1461	-0.2594	0.3159	0.5701	0.4299
wIR[3, 1, 7]	0.0188	0.0185	0.1452	-0.2669	0.3051	0.5494	0.4506
wIR[4, 1, 7]	-0.0228	-0.0216	0.1458	-0.3124	0.2619	0.4390	0.5610
wIR[5, 1, 7]	0.0321	0.0316	0.1461	-0.2549	0.3216	0.5851	0.4149
wIR[6, 1, 7]	0.0026	0.0030	0.1460	-0.2850	0.2905	0.5076	0.4924
wIR[7, 1, 7]	0.0083	0.0080	0.1452	-0.2767	0.2944	0.5221	0.4779
wIR[8, 1, 7]	0.0167	0.0162	0.1455	-0.2680	0.3047	0.5448	0.4552

wIR[9, 1, 7]	0.0311	0.0304	0.1452	-0.2518	0.3194	0.5845	0.4155
wIR[10, 1, 7]	-0.0005	-0.0002	0.1474	-0.2891	0.2867	0.4996	0.5004
wIR[11, 1, 7]	-0.0017	-0.0017	0.1457	-0.2892	0.2838	0.4955	0.5045
wIR[12, 1, 7]	0.0011	0.0011	0.1456	-0.2870	0.2873	0.5030	0.4970
wIR[13, 1, 7]	0.0001	-0.0001	0.1481	-0.2903	0.2939	0.4997	0.5003
wIR[14, 1, 7]	-0.0036	-0.0032	0.1455	-0.2892	0.2834	0.4912	0.5088
wIR[15, 1, 7]	0.0461	0.0450	0.1453	-0.2378	0.3362	0.6251	0.3749
wIR[16, 1, 7]	0.0267	0.0261	0.1454	-0.2578	0.3151	0.5722	0.4278
wIR[17, 1, 7]	0.0055	0.0050	0.1453	-0.2794	0.2905	0.5146	0.4854
wIR[18, 1, 7]	0.0006	0.0009	0.1473	-0.2883	0.2912	0.5028	0.4972
wIR[19, 1, 7]	0.0043	0.0043	0.1479	-0.2855	0.2949	0.5117	0.4883
wIR[20, 1, 7]	0.0287	0.0276	0.1462	-0.2558	0.3195	0.5772	0.4228
wIR[21, 1, 7]	0.0064	0.0059	0.1453	-0.2767	0.2949	0.5158	0.4842
wIR[22, 1, 7]	-0.0211	-0.0205	0.1458	-0.3098	0.2638	0.4428	0.5572
wIR[23, 1, 7]	0.0235	0.0230	0.1458	-0.2620	0.3123	0.5650	0.4350
wIR[24, 1, 7]	-0.0006	-0.0011	0.1453	-0.2858	0.2864	0.4971	0.5029
wIR[25, 1, 7]	0.0003	0.0000	0.1476	-0.2886	0.2924	0.5000	0.5000
wIR[26, 1, 7]	0.0140	0.0140	0.1450	-0.2712	0.2977	0.5387	0.4613
wIR[27, 1, 7]	0.0001	0.0000	0.1468	-0.2906	0.2871	0.5001	0.4999
wIR[28, 1, 7]	0.0004	-0.0001	0.1477	-0.2910	0.2913	0.4998	0.5002
wIR[29, 1, 7]	-0.0135	-0.0129	0.1450	-0.2987	0.2709	0.4635	0.5365
wIR[30, 1, 7]	0.0047	0.0051	0.1450	-0.2810	0.2906	0.5138	0.4862
wIR[31, 1, 7]	0.0152	0.0145	0.1454	-0.2693	0.3016	0.5402	0.4598
wIR[32, 1, 7]	0.0288	0.0281	0.1451	-0.2548	0.3168	0.5785	0.4215
wIR[33, 1, 7]	-0.0008	-0.0005	0.1471	-0.2904	0.2871	0.4986	0.5014
wIR[34, 1, 7]	-0.0294	-0.0292	0.1459	-0.3199	0.2558	0.4189	0.5811
wIR[35, 1, 7]	-0.0133	-0.0136	0.1453	-0.2985	0.2724	0.4617	0.5383
wIR[36, 1, 7]	0.0001	0.0002	0.1479	-0.2918	0.2914	0.5005	0.4995
wIR[37, 1, 7]	0.0367	0.0360	0.1459	-0.2498	0.3266	0.6002	0.3998
wIR[38, 1, 7]	-0.0058	-0.0055	0.1469	-0.2960	0.2833	0.4840	0.5160
wIR[39, 1, 7]	0.0108	0.0110	0.1456	-0.2752	0.2975	0.5298	0.4702
wIR[40, 1, 7]	0.0199	0.0189	0.1459	-0.2645	0.3106	0.5527	0.4473
wIR[41, 1, 7]	-0.0097	-0.0093	0.1455	-0.2968	0.2755	0.4745	0.5255
wIR[42, 1, 7]	-0.0205	-0.0205	0.1454	-0.3093	0.2640	0.4439	0.5561
wIR[43, 1, 7]	0.0032	0.0035	0.1469	-0.2832	0.2912	0.5098	0.4902
wIR[44, 1, 7]	0.0001	-0.0005	0.1472	-0.2895	0.2888	0.4990	0.5010
wIR[45, 1, 7]	0.0171	0.0169	0.1450	-0.2668	0.3038	0.5474	0.4526
wIR[46, 1, 7]	-0.0070	-0.0064	0.1456	-0.2956	0.2770	0.4824	0.5176
wIR[47, 1, 7]	-0.0003	-0.0010	0.1472	-0.2892	0.2906	0.4975	0.5025
wIR[48, 1, 7]	-0.1433	-0.1410	0.1496	-0.4458	0.1437	0.1659	0.8341 *
wIR[49, 1, 7]	0.0142	0.0142	0.1459	-0.2730	0.3005	0.5379	0.4621
wIR[50, 1, 7]	0.0124	0.0120	0.1454	-0.2697	0.3033	0.5332	0.4668
wIR[1, 2, 7]	-0.0183	-0.0183	0.1474	-0.3071	0.2702	0.4508	0.5492
wIR[2, 2, 7]	-0.0250	-0.0242	0.1461	-0.3146	0.2610	0.4321	0.5679
wIR[3, 2, 7]	0.0069	0.0071	0.1470	-0.2820	0.2960	0.5194	0.4806
wIR[4, 2, 7]	-0.0051	-0.0044	0.1466	-0.2952	0.2829	0.4882	0.5118
wIR[5, 2, 7]	-0.0161	-0.0163	0.1460	-0.3050	0.2719	0.4550	0.5450
wIR[6, 2, 7]	-0.0412	-0.0409	0.1468	-0.3309	0.2463	0.3899	0.6101
wIR[7, 2, 7]	0.0154	0.0159	0.1461	-0.2713	0.3049	0.5420	0.4580
wIR[8, 2, 7]	-0.0116	-0.0114	0.1466	-0.3007	0.2729	0.4701	0.5299

wIR[9, 2, 7]	0.0131	0.0137	0.1463	-0.2736	0.3027	0.5368	0.4632
wIR[10, 2, 7]	-0.0008	-0.0006	0.1483	-0.2929	0.2922	0.4985	0.5015
wIR[11, 2, 7]	-0.0134	-0.0138	0.1467	-0.3022	0.2745	0.4628	0.5372
wIR[12, 2, 7]	0.0011	0.0007	0.1471	-0.2865	0.2914	0.5024	0.4976
wIR[13, 2, 7]	0.0005	0.0007	0.1484	-0.2911	0.2927	0.5020	0.4980
wIR[14, 2, 7]	-0.0639	-0.0630	0.1469	-0.3563	0.2236	0.3301	0.6699
wIR[15, 2, 7]	-0.0411	-0.0401	0.1468	-0.3338	0.2469	0.3906	0.6094
wIR[16, 2, 7]	-0.0404	-0.0397	0.1469	-0.3333	0.2472	0.3920	0.6080
wIR[17, 2, 7]	-0.0199	-0.0195	0.1456	-0.3074	0.2665	0.4449	0.5551
wIR[18, 2, 7]	-0.0001	-0.0001	0.1480	-0.2915	0.2916	0.4998	0.5002
wIR[19, 2, 7]	0.0010	0.0008	0.1484	-0.2919	0.2939	0.5019	0.4981
wIR[20, 2, 7]	0.0317	0.0313	0.1464	-0.2568	0.3202	0.5869	0.4131
wIR[21, 2, 7]	-0.0209	-0.0208	0.1465	-0.3111	0.2659	0.4420	0.5580
wIR[22, 2, 7]	0.0099	0.0100	0.1461	-0.2775	0.2972	0.5279	0.4721
wIR[23, 2, 7]	0.0397	0.0393	0.1470	-0.2470	0.3324	0.6074	0.3926
wIR[24, 2, 7]	-0.0069	-0.0064	0.1465	-0.2959	0.2811	0.4827	0.5173
wIR[25, 2, 7]	-0.0004	-0.0003	0.1484	-0.2911	0.2923	0.4993	0.5007
wIR[26, 2, 7]	-0.0081	-0.0083	0.1465	-0.2980	0.2794	0.4771	0.5229
wIR[27, 2, 7]	-0.0005	-0.0007	0.1476	-0.2911	0.2896	0.4984	0.5016
wIR[28, 2, 7]	0.0000	-0.0002	0.1478	-0.2911	0.2906	0.4996	0.5004
wIR[29, 2, 7]	0.0014	0.0017	0.1462	-0.2874	0.2878	0.5047	0.4953
wIR[30, 2, 7]	0.0111	0.0111	0.1460	-0.2770	0.2991	0.5300	0.4700
wIR[31, 2, 7]	-0.0313	-0.0303	0.1467	-0.3212	0.2543	0.4171	0.5829
wIR[32, 2, 7]	-0.0079	-0.0070	0.1462	-0.2965	0.2798	0.4802	0.5198
wIR[33, 2, 7]	0.0004	0.0002	0.1485	-0.2920	0.2922	0.5005	0.4995
wIR[34, 2, 7]	-0.0238	-0.0235	0.1462	-0.3142	0.2636	0.4344	0.5656
wIR[35, 2, 7]	-0.0085	-0.0080	0.1475	-0.2994	0.2809	0.4777	0.5223
wIR[36, 2, 7]	-0.0004	-0.0003	0.1487	-0.2939	0.2935	0.4990	0.5010
wIR[37, 2, 7]	-0.0005	-0.0012	0.1467	-0.2900	0.2891	0.4966	0.5034
wIR[38, 2, 7]	-0.0022	-0.0029	0.1480	-0.2920	0.2894	0.4922	0.5078
wIR[39, 2, 7]	0.0542	0.0527	0.1476	-0.2327	0.3481	0.6425	0.3575
wIR[40, 2, 7]	0.0092	0.0085	0.1468	-0.2794	0.2987	0.5237	0.4763
wIR[41, 2, 7]	0.0267	0.0266	0.1467	-0.2611	0.3156	0.5719	0.4281
wIR[42, 2, 7]	0.0321	0.0310	0.1467	-0.2536	0.3233	0.5844	0.4156
wIR[43, 2, 7]	0.0006	0.0007	0.1484	-0.2924	0.2922	0.5022	0.4978
wIR[44, 2, 7]	-0.0004	-0.0009	0.1483	-0.2916	0.2937	0.4974	0.5026
wIR[45, 2, 7]	-0.0144	-0.0138	0.1469	-0.3043	0.2723	0.4619	0.5381
wIR[46, 2, 7]	0.0205	0.0200	0.1467	-0.2664	0.3105	0.5556	0.4444
wIR[47, 2, 7]	-0.0005	0.0000	0.1485	-0.2931	0.2913	0.5000	0.5000
wIR[48, 2, 7]	0.0252	0.0241	0.1488	-0.2640	0.3223	0.5658	0.4342
wIR[49, 2, 7]	0.0022	0.0024	0.1464	-0.2861	0.2908	0.5070	0.4930
wIR[50, 2, 7]	-0.0073	-0.0068	0.1463	-0.2934	0.2794	0.4814	0.5186
wIR[1, 3, 7]	0.0118	0.0121	0.1491	-0.2798	0.3064	0.5326	0.4674
wIR[2, 3, 7]	0.0170	0.0171	0.1491	-0.2787	0.3112	0.5460	0.4540
wIR[3, 3, 7]	0.0225	0.0216	0.1496	-0.2715	0.3170	0.5595	0.4405
wIR[4, 3, 7]	0.0094	0.0088	0.1490	-0.2813	0.3035	0.5237	0.4763
wIR[5, 3, 7]	0.0112	0.0110	0.1493	-0.2828	0.3045	0.5301	0.4699
wIR[6, 3, 7]	0.0335	0.0332	0.1484	-0.2562	0.3281	0.5898	0.4102
wIR[7, 3, 7]	-0.0195	-0.0196	0.1483	-0.3132	0.2701	0.4465	0.5535
wIR[8, 3, 7]	0.0062	0.0060	0.1486	-0.2873	0.3001	0.5158	0.4842

wIR[9, 3, 7]	-0.0025	-0.0022	0.1493	-0.2953	0.2927	0.4936	0.5064
wIR[10, 3, 7]	-0.0002	-0.0005	0.1499	-0.2966	0.2947	0.4987	0.5013
wIR[11, 3, 7]	-0.0097	-0.0092	0.1486	-0.3051	0.2809	0.4745	0.5255
wIR[12, 3, 7]	-0.0075	-0.0079	0.1497	-0.3008	0.2854	0.4775	0.5225
wIR[13, 3, 7]	-0.0002	0.0005	0.1502	-0.2968	0.2951	0.5012	0.4988
wIR[14, 3, 7]	0.0131	0.0131	0.1496	-0.2811	0.3060	0.5342	0.4658
wIR[15, 3, 7]	0.0398	0.0393	0.1490	-0.2522	0.3355	0.6044	0.3956
wIR[16, 3, 7]	0.0293	0.0290	0.1493	-0.2625	0.3236	0.5777	0.4223
wIR[17, 3, 7]	0.0283	0.0286	0.1490	-0.2650	0.3231	0.5772	0.4228
wIR[18, 3, 7]	0.0003	0.0004	0.1504	-0.2944	0.2971	0.5012	0.4988
wIR[19, 3, 7]	-0.0020	-0.0014	0.1503	-0.2991	0.2940	0.4964	0.5036
wIR[20, 3, 7]	-0.0207	-0.0206	0.1490	-0.3161	0.2732	0.4455	0.5545
wIR[21, 3, 7]	-0.0010	-0.0011	0.1489	-0.2931	0.2927	0.4968	0.5032
wIR[22, 3, 7]	-0.0111	-0.0121	0.1491	-0.3035	0.2839	0.4675	0.5325
wIR[23, 3, 7]	-0.0284	-0.0277	0.1487	-0.3193	0.2620	0.4257	0.5743
wIR[24, 3, 7]	-0.0056	-0.0054	0.1483	-0.2980	0.2851	0.4850	0.5150
wIR[25, 3, 7]	-0.0004	-0.0011	0.1494	-0.2942	0.2956	0.4970	0.5030
wIR[26, 3, 7]	-0.0054	-0.0058	0.1477	-0.2958	0.2857	0.4848	0.5152
wIR[27, 3, 7]	0.0000	-0.0003	0.1506	-0.2943	0.2969	0.4990	0.5010
wIR[28, 3, 7]	-0.0006	-0.0005	0.1502	-0.2980	0.2947	0.4983	0.5017
wIR[29, 3, 7]	0.0031	0.0035	0.1485	-0.2896	0.2944	0.5104	0.4896
wIR[30, 3, 7]	-0.0189	-0.0192	0.1489	-0.3114	0.2740	0.4472	0.5528
wIR[31, 3, 7]	0.0225	0.0223	0.1489	-0.2717	0.3144	0.5612	0.4388
wIR[32, 3, 7]	-0.0029	-0.0023	0.1488	-0.2996	0.2870	0.4937	0.5063
wIR[33, 3, 7]	0.0005	0.0001	0.1502	-0.2970	0.2952	0.5002	0.4998
wIR[34, 3, 7]	0.0240	0.0236	0.1487	-0.2675	0.3201	0.5637	0.4363
wIR[35, 3, 7]	0.0016	0.0015	0.1500	-0.2935	0.2975	0.5038	0.4962
wIR[36, 3, 7]	-0.0001	0.0001	0.1505	-0.2973	0.2948	0.5002	0.4998
wIR[37, 3, 7]	0.0250	0.0248	0.1486	-0.2677	0.3186	0.5675	0.4325
wIR[38, 3, 7]	0.0032	0.0037	0.1497	-0.2905	0.2958	0.5094	0.4906
wIR[39, 3, 7]	-0.0768	-0.0756	0.1507	-0.3774	0.2151	0.3053	0.6947
wIR[40, 3, 7]	-0.0253	-0.0247	0.1489	-0.3195	0.2670	0.4324	0.5676
wIR[41, 3, 7]	-0.0341	-0.0338	0.1488	-0.3282	0.2568	0.4098	0.5902
wIR[42, 3, 7]	-0.0254	-0.0250	0.1498	-0.3212	0.2702	0.4318	0.5682
wIR[43, 3, 7]	-0.0040	-0.0035	0.1499	-0.2992	0.2891	0.4908	0.5092
wIR[44, 3, 7]	0.0006	0.0002	0.1503	-0.2941	0.2994	0.5005	0.4995
wIR[45, 3, 7]	0.0016	0.0015	0.1487	-0.2916	0.2954	0.5042	0.4958
wIR[46, 3, 7]	-0.0268	-0.0254	0.1488	-0.3211	0.2627	0.4295	0.5705
wIR[47, 3, 7]	0.0002	0.0003	0.1500	-0.2942	0.2980	0.5008	0.4992
wIR[48, 3, 7]	-0.0126	-0.0127	0.1507	-0.3098	0.2842	0.4652	0.5348
wIR[49, 3, 7]	-0.0024	-0.0020	0.1487	-0.2955	0.2921	0.4944	0.5056
wIR[50, 3, 7]	0.0023	0.0014	0.1491	-0.2899	0.2955	0.5040	0.4960
wIR[1, 4, 7]	0.0190	0.0184	0.1465	-0.2682	0.3076	0.5512	0.4488
wIR[2, 4, 7]	-0.0250	-0.0239	0.1461	-0.3154	0.2587	0.4344	0.5656
wIR[3, 4, 7]	-0.0075	-0.0066	0.1457	-0.2952	0.2781	0.4819	0.5181
wIR[4, 4, 7]	-0.0001	0.0001	0.1464	-0.2879	0.2878	0.5002	0.4998
wIR[5, 4, 7]	-0.0122	-0.0119	0.1467	-0.3029	0.2771	0.4680	0.5320
wIR[6, 4, 7]	-0.0087	-0.0085	0.1463	-0.2963	0.2789	0.4759	0.5241
wIR[7, 4, 7]	-0.0081	-0.0082	0.1463	-0.2961	0.2788	0.4776	0.5224
wIR[8, 4, 7]	-0.0412	-0.0404	0.1468	-0.3344	0.2460	0.3899	0.6101

wIR[9, 4, 7]	-0.0339	-0.0339	0.1468	-0.3254	0.2531	0.4080	0.5920
wIR[10, 4, 7]	0.0002	0.0001	0.1475	-0.2892	0.2923	0.5006	0.4994
wIR[11, 4, 7]	0.0065	0.0064	0.1465	-0.2812	0.2946	0.5178	0.4822
wIR[12, 4, 7]	-0.0045	-0.0047	0.1473	-0.2944	0.2860	0.4867	0.5133
wIR[13, 4, 7]	0.0005	0.0004	0.1473	-0.2909	0.2895	0.5011	0.4989
wIR[14, 4, 7]	0.0013	0.0016	0.1467	-0.2894	0.2894	0.5046	0.4954
wIR[15, 4, 7]	-0.0055	-0.0055	0.1463	-0.2934	0.2817	0.4852	0.5148
wIR[16, 4, 7]	0.0100	0.0097	0.1467	-0.2785	0.2995	0.5264	0.4736
wIR[17, 4, 7]	0.0086	0.0078	0.1459	-0.2741	0.2985	0.5221	0.4779
wIR[18, 4, 7]	-0.0001	-0.0005	0.1481	-0.2917	0.2922	0.4987	0.5013
wIR[19, 4, 7]	-0.0015	-0.0016	0.1481	-0.2922	0.2899	0.4960	0.5040
wIR[20, 4, 7]	-0.0286	-0.0280	0.1466	-0.3177	0.2581	0.4235	0.5765
wIR[21, 4, 7]	-0.0230	-0.0223	0.1461	-0.3098	0.2626	0.4380	0.5620
wIR[22, 4, 7]	-0.0002	0.0001	0.1467	-0.2873	0.2871	0.5004	0.4996
wIR[23, 4, 7]	-0.0063	-0.0065	0.1466	-0.2932	0.2822	0.4823	0.5177
wIR[24, 4, 7]	0.0148	0.0149	0.1474	-0.2742	0.3043	0.5392	0.4608
wIR[25, 4, 7]	-0.0005	0.0002	0.1476	-0.2915	0.2909	0.5006	0.4994
wIR[26, 4, 7]	0.0054	0.0049	0.1455	-0.2798	0.2903	0.5137	0.4863
wIR[27, 4, 7]	0.0000	-0.0001	0.1477	-0.2920	0.2896	0.4996	0.5004
wIR[28, 4, 7]	0.0006	0.0008	0.1480	-0.2893	0.2926	0.5021	0.4979
wIR[29, 4, 7]	0.0058	0.0056	0.1456	-0.2792	0.2933	0.5153	0.4847
wIR[30, 4, 7]	-0.0014	-0.0012	0.1460	-0.2898	0.2851	0.4964	0.5036
wIR[31, 4, 7]	-0.0212	-0.0203	0.1463	-0.3100	0.2631	0.4434	0.5566
wIR[32, 4, 7]	-0.0058	-0.0059	0.1459	-0.2918	0.2804	0.4837	0.5163
wIR[33, 4, 7]	0.0004	-0.0001	0.1473	-0.2899	0.2900	0.4997	0.5003
wIR[34, 4, 7]	-0.0025	-0.0022	0.1464	-0.2924	0.2851	0.4938	0.5062
wIR[35, 4, 7]	-0.0086	-0.0080	0.1462	-0.2964	0.2779	0.4776	0.5224
wIR[36, 4, 7]	-0.0002	-0.0001	0.1476	-0.2920	0.2916	0.4997	0.5003
wIR[37, 4, 7]	-0.0242	-0.0229	0.1465	-0.3132	0.2610	0.4358	0.5642
wIR[38, 4, 7]	0.0006	0.0004	0.1470	-0.2885	0.2899	0.5011	0.4989
wIR[39, 4, 7]	-0.0182	-0.0178	0.1468	-0.3090	0.2704	0.4506	0.5494
wIR[40, 4, 7]	-0.0067	-0.0067	0.1470	-0.2934	0.2803	0.4816	0.5184
wIR[41, 4, 7]	0.0066	0.0065	0.1470	-0.2829	0.2959	0.5174	0.4826
wIR[42, 4, 7]	-0.0025	-0.0030	0.1466	-0.2912	0.2879	0.4914	0.5086
wIR[43, 4, 7]	-0.0005	-0.0014	0.1480	-0.2913	0.2909	0.4965	0.5035
wIR[44, 4, 7]	0.0001	0.0002	0.1477	-0.2882	0.2905	0.5006	0.4994
wIR[45, 4, 7]	0.0038	0.0048	0.1459	-0.2853	0.2900	0.5127	0.4873
wIR[46, 4, 7]	0.0179	0.0174	0.1470	-0.2692	0.3075	0.5480	0.4520
wIR[47, 4, 7]	-0.0007	-0.0005	0.1478	-0.2910	0.2890	0.4987	0.5013
wIR[48, 4, 7]	-0.0507	-0.0498	0.1484	-0.3453	0.2383	0.3666	0.6334
wIR[49, 4, 7]	-0.0152	-0.0156	0.1466	-0.3039	0.2724	0.4571	0.5429
wIR[50, 4, 7]	-0.0273	-0.0266	0.1458	-0.3156	0.2582	0.4264	0.5736
wIR[1, 5, 7]	0.0446	0.0430	0.1429	-0.2335	0.3303	0.6224	0.3776
wIR[2, 5, 7]	0.0264	0.0261	0.1434	-0.2547	0.3094	0.5724	0.4276
wIR[3, 5, 7]	-0.0200	-0.0193	0.1433	-0.3034	0.2614	0.4452	0.5548
wIR[4, 5, 7]	-0.0194	-0.0192	0.1439	-0.3016	0.2617	0.4475	0.5525
wIR[5, 5, 7]	0.0239	0.0241	0.1440	-0.2573	0.3083	0.5668	0.4332
wIR[6, 5, 7]	-0.0042	-0.0039	0.1435	-0.2862	0.2777	0.4891	0.5109
wIR[7, 5, 7]	0.0157	0.0150	0.1435	-0.2652	0.2962	0.5420	0.4580
wIR[8, 5, 7]	0.0265	0.0259	0.1433	-0.2532	0.3081	0.5729	0.4271

wIR[9, 5, 7]	0.0027	0.0025	0.1438	-0.2794	0.2865	0.5076	0.4924	
wIR[10, 5, 7]	0.0010	0.0012	0.1476	-0.2894	0.2905	0.5034	0.4966	
wIR[11, 5, 7]	-0.0009	-0.0014	0.1438	-0.2830	0.2824	0.4963	0.5037	
wIR[12, 5, 7]	0.0974	0.0956	0.1457	-0.1844	0.3897	0.7491	0.2509	*
wIR[13, 5, 7]	-0.0005	-0.0015	0.1472	-0.2901	0.2898	0.4961	0.5039	
wIR[14, 5, 7]	0.0093	0.0093	0.1440	-0.2733	0.2929	0.5260	0.4740	
wIR[15, 5, 7]	0.0071	0.0071	0.1438	-0.2757	0.2882	0.5203	0.4797	
wIR[16, 5, 7]	-0.0256	-0.0252	0.1440	-0.3100	0.2546	0.4298	0.5702	
wIR[17, 5, 7]	-0.0114	-0.0109	0.1434	-0.2932	0.2691	0.4697	0.5303	
wIR[18, 5, 7]	-0.0006	-0.0009	0.1481	-0.2898	0.2897	0.4976	0.5024	
wIR[19, 5, 7]	0.0002	-0.0005	0.1473	-0.2903	0.2892	0.4987	0.5013	
wIR[20, 5, 7]	-0.0116	-0.0110	0.1436	-0.2948	0.2709	0.4688	0.5312	
wIR[21, 5, 7]	0.0101	0.0099	0.1439	-0.2725	0.2945	0.5282	0.4718	
wIR[22, 5, 7]	0.0396	0.0390	0.1432	-0.2404	0.3222	0.6082	0.3918	
wIR[23, 5, 7]	-0.0128	-0.0122	0.1440	-0.2956	0.2708	0.4656	0.5344	
wIR[24, 5, 7]	0.0242	0.0236	0.1435	-0.2573	0.3073	0.5674	0.4326	
wIR[25, 5, 7]	-0.0002	-0.0004	0.1482	-0.2914	0.2916	0.4986	0.5014	
wIR[26, 5, 7]	0.0153	0.0150	0.1442	-0.2686	0.2998	0.5424	0.4576	
wIR[27, 5, 7]	-0.0003	-0.0006	0.1489	-0.2910	0.2926	0.4984	0.5016	
wIR[28, 5, 7]	0.0000	0.0001	0.1479	-0.2896	0.2913	0.5001	0.4999	
wIR[29, 5, 7]	0.0057	0.0049	0.1439	-0.2772	0.2886	0.5142	0.4858	
wIR[30, 5, 7]	0.0100	0.0096	0.1443	-0.2718	0.2961	0.5275	0.4725	
wIR[31, 5, 7]	0.0024	0.0024	0.1436	-0.2795	0.2861	0.5067	0.4933	
wIR[32, 5, 7]	0.0463	0.0451	0.1438	-0.2338	0.3331	0.6254	0.3746	
wIR[33, 5, 7]	0.0005	0.0003	0.1480	-0.2899	0.2895	0.5008	0.4992	
wIR[34, 5, 7]	-0.0239	-0.0238	0.1438	-0.3070	0.2577	0.4336	0.5664	
wIR[35, 5, 7]	0.0728	0.0712	0.1438	-0.2055	0.3587	0.6926	0.3074	
wIR[36, 5, 7]	0.0004	-0.0001	0.1482	-0.2913	0.2915	0.4999	0.5001	
wIR[37, 5, 7]	-0.0154	-0.0145	0.1438	-0.2974	0.2660	0.4598	0.5402	
wIR[38, 5, 7]	0.0007	0.0009	0.1473	-0.2873	0.2913	0.5023	0.4977	
wIR[39, 5, 7]	-0.0272	-0.0267	0.1448	-0.3126	0.2562	0.4254	0.5746	
wIR[40, 5, 7]	0.0253	0.0252	0.1438	-0.2549	0.3086	0.5688	0.4312	
wIR[41, 5, 7]	-0.0036	-0.0038	0.1441	-0.2879	0.2797	0.4896	0.5104	
wIR[42, 5, 7]	0.0131	0.0134	0.1441	-0.2734	0.2969	0.5374	0.4626	
wIR[43, 5, 7]	-0.0007	-0.0009	0.1476	-0.2904	0.2912	0.4974	0.5026	
wIR[44, 5, 7]	-0.0004	-0.0002	0.1485	-0.2942	0.2910	0.4994	0.5006	
wIR[45, 5, 7]	0.0124	0.0122	0.1432	-0.2679	0.2958	0.5324	0.4676	
wIR[46, 5, 7]	0.0219	0.0215	0.1435	-0.2586	0.3062	0.5601	0.4399	
wIR[47, 5, 7]	-0.0011	-0.0007	0.1470	-0.2911	0.2872	0.4981	0.5019	
wIR[48, 5, 7]	-0.0049	-0.0043	0.1468	-0.2937	0.2827	0.4885	0.5115	
wIR[49, 5, 7]	-0.0413	-0.0398	0.1433	-0.3253	0.2382	0.3880	0.6120	
wIR[50, 5, 7]	-0.0032	-0.0026	0.1435	-0.2882	0.2786	0.4930	0.5070	
wIR[1, 6, 7]	0.0014	0.0017	0.1482	-0.2906	0.2930	0.5046	0.4954	
wIR[2, 6, 7]	-0.0240	-0.0244	0.1479	-0.3150	0.2672	0.4352	0.5648	
wIR[3, 6, 7]	0.0186	0.0184	0.1486	-0.2737	0.3116	0.5506	0.4494	
wIR[4, 6, 7]	0.0114	0.0114	0.1483	-0.2791	0.3036	0.5309	0.4691	
wIR[5, 6, 7]	0.0009	0.0009	0.1479	-0.2911	0.2921	0.5024	0.4976	
wIR[6, 6, 7]	-0.0163	-0.0153	0.1481	-0.3091	0.2744	0.4563	0.5437	
wIR[7, 6, 7]	-0.0155	-0.0150	0.1473	-0.3046	0.2742	0.4584	0.5416	
wIR[8, 6, 7]	-0.0323	-0.0314	0.1482	-0.3272	0.2581	0.4154	0.5846	

wIR[9, 6, 7]	0.0082	0.0084	0.1476	-0.2829	0.2972	0.5230	0.4770
wIR[10, 6, 7]	0.0001	0.0004	0.1503	-0.2964	0.2971	0.5012	0.4988
wIR[11, 6, 7]	-0.0215	-0.0215	0.1479	-0.3142	0.2676	0.4423	0.5577
wIR[12, 6, 7]	-0.0335	-0.0334	0.1479	-0.3258	0.2563	0.4115	0.5885
wIR[13, 6, 7]	-0.0002	-0.0006	0.1500	-0.2949	0.2972	0.4984	0.5016
wIR[14, 6, 7]	0.0232	0.0230	0.1483	-0.2693	0.3165	0.5619	0.4381
wIR[15, 6, 7]	0.0098	0.0097	0.1477	-0.2789	0.3013	0.5267	0.4733
wIR[16, 6, 7]	0.0509	0.0501	0.1477	-0.2380	0.3431	0.6349	0.3651
wIR[17, 6, 7]	0.0125	0.0127	0.1477	-0.2785	0.3035	0.5337	0.4663
wIR[18, 6, 7]	0.0003	0.0008	0.1499	-0.2963	0.2933	0.5024	0.4976
wIR[19, 6, 7]	-0.0023	-0.0022	0.1494	-0.2967	0.2904	0.4940	0.5060
wIR[20, 6, 7]	0.0071	0.0072	0.1480	-0.2823	0.3001	0.5192	0.4808
wIR[21, 6, 7]	-0.0102	-0.0099	0.1481	-0.3018	0.2814	0.4727	0.5273
wIR[22, 6, 7]	-0.0019	-0.0015	0.1488	-0.2950	0.2906	0.4955	0.5045
wIR[23, 6, 7]	0.0278	0.0274	0.1482	-0.2615	0.3206	0.5743	0.4257
wIR[24, 6, 7]	0.0057	0.0060	0.1474	-0.2842	0.2950	0.5171	0.4829
wIR[25, 6, 7]	0.0000	-0.0004	0.1504	-0.2965	0.2948	0.4988	0.5012
wIR[26, 6, 7]	0.0073	0.0069	0.1474	-0.2820	0.2989	0.5193	0.4807
wIR[27, 6, 7]	0.0004	0.0006	0.1502	-0.2948	0.2965	0.5015	0.4985
wIR[28, 6, 7]	-0.0004	-0.0001	0.1498	-0.2949	0.2923	0.4998	0.5002
wIR[29, 6, 7]	0.0059	0.0059	0.1476	-0.2835	0.2963	0.5158	0.4842
wIR[30, 6, 7]	0.0075	0.0075	0.1483	-0.2821	0.3014	0.5194	0.4806
wIR[31, 6, 7]	0.0081	0.0081	0.1480	-0.2812	0.3013	0.5217	0.4783
wIR[32, 6, 7]	0.0053	0.0051	0.1478	-0.2856	0.2954	0.5136	0.4864
wIR[33, 6, 7]	0.0005	0.0013	0.1501	-0.2956	0.2936	0.5033	0.4967
wIR[34, 6, 7]	0.0194	0.0187	0.1477	-0.2699	0.3110	0.5501	0.4499
wIR[35, 6, 7]	-0.0052	-0.0047	0.1485	-0.2974	0.2866	0.4871	0.5129
wIR[36, 6, 7]	-0.0003	-0.0001	0.1500	-0.2955	0.2937	0.4998	0.5002
wIR[37, 6, 7]	0.0553	0.0546	0.1475	-0.2312	0.3488	0.6459	0.3541
wIR[38, 6, 7]	0.0029	0.0028	0.1498	-0.2921	0.2960	0.5074	0.4926
wIR[39, 6, 7]	0.0119	0.0119	0.1483	-0.2784	0.3046	0.5316	0.4684
wIR[40, 6, 7]	-0.0467	-0.0456	0.1481	-0.3404	0.2419	0.3777	0.6223
wIR[41, 6, 7]	0.0274	0.0264	0.1485	-0.2631	0.3208	0.5719	0.4281
wIR[42, 6, 7]	-0.0287	-0.0289	0.1481	-0.3214	0.2614	0.4218	0.5782
wIR[43, 6, 7]	-0.0038	-0.0041	0.1499	-0.2990	0.2908	0.4890	0.5110
wIR[44, 6, 7]	0.0007	0.0002	0.1504	-0.2938	0.2975	0.5004	0.4996
wIR[45, 6, 7]	0.0103	0.0104	0.1474	-0.2815	0.3012	0.5278	0.4722
wIR[46, 6, 7]	0.0092	0.0093	0.1483	-0.2814	0.3036	0.5249	0.4751
wIR[47, 6, 7]	-0.0004	0.0004	0.1494	-0.2934	0.2921	0.5008	0.4992
wIR[48, 6, 7]	-0.0298	-0.0289	0.1500	-0.3252	0.2620	0.4218	0.5782
wIR[49, 6, 7]	0.0321	0.0315	0.1476	-0.2562	0.3236	0.5845	0.4155
wIR[50, 6, 7]	0.0093	0.0092	0.1477	-0.2819	0.3019	0.5252	0.4748
thetaIR[1, 1]	-0.1232	-0.1256	0.7963	-1.6657	1.4557	0.4366	0.5634
thetaIR[2, 1]	0.2010	0.2073	0.8852	-1.5550	1.9155	0.5922	0.4078
thetaIR[3, 1]	-0.1424	-0.1473	0.9495	-1.9777	1.7265	0.4396	0.5604
thetaIR[4, 1]	-0.2186	-0.2271	0.8231	-1.8191	1.3887	0.3942	0.6058
thetaIR[5, 1]	0.0759	0.0769	0.6944	-1.2979	1.4151	0.5428	0.4572
thetaIR[6, 1]	-0.0432	-0.0457	0.8219	-1.6422	1.5678	0.4773	0.5227
thetaIR[1, 2]	-0.0312	-0.0305	0.8116	-1.6239	1.5420	0.4848	0.5152
thetaIR[2, 2]	-0.0564	-0.0643	0.8805	-1.7550	1.6880	0.4704	0.5296

thetaIR[3, 2]	0.0802	0.0879	0.9671	-1.8198	1.9651	0.5353	0.4647	
thetaIR[4, 2]	-0.0864	-0.0879	0.8309	-1.7159	1.5499	0.4560	0.5440	
thetaIR[5, 2]	-0.1150	-0.1131	0.6915	-1.4483	1.2327	0.4341	0.5659	
thetaIR[6, 2]	0.1122	0.1171	0.8200	-1.5071	1.6847	0.5551	0.4449	
thetaIR[1, 3]	0.0780	0.0825	0.7928	-1.4722	1.6131	0.5405	0.4595	
thetaIR[2, 3]	0.0443	0.0442	0.8990	-1.7159	1.7912	0.5196	0.4804	
thetaIR[3, 3]	0.0256	0.0227	0.9536	-1.8476	1.9025	0.5098	0.4902	
thetaIR[4, 3]	-0.0199	-0.0197	0.8198	-1.6343	1.5860	0.4905	0.5095	
thetaIR[5, 3]	0.0051	0.0059	0.6897	-1.3365	1.3624	0.5032	0.4968	
thetaIR[6, 3]	-0.0399	-0.0379	0.8168	-1.6439	1.5599	0.4821	0.5179	
thetaIR[1, 4]	0.3060	0.3108	0.7974	-1.2641	1.8453	0.6505	0.3495	
thetaIR[2, 4]	-0.2063	-0.2084	0.8733	-1.8987	1.4959	0.4091	0.5909	
thetaIR[3, 4]	-0.0007	0.0069	0.9585	-1.9051	1.8747	0.5031	0.4969	
thetaIR[4, 4]	-0.0519	-0.0459	0.8310	-1.6900	1.5703	0.4785	0.5215	
thetaIR[5, 4]	0.1286	0.1383	0.6819	-1.2146	1.4409	0.5773	0.4227	
thetaIR[6, 4]	0.2532	0.2577	0.8283	-1.3881	1.8358	0.6210	0.3790	
thetaIR[1, 5]	-0.1098	-0.1091	0.8004	-1.6809	1.4484	0.4466	0.5534	
thetaIR[2, 5]	0.2975	0.3072	0.8644	-1.4276	1.9652	0.6392	0.3608	
thetaIR[3, 5]	-0.2086	-0.2137	0.9464	-2.0551	1.6459	0.4114	0.5886	
thetaIR[4, 5]	0.4424	0.4494	0.8284	-1.2005	2.0462	0.7052	0.2948	*
thetaIR[5, 5]	0.1289	0.1372	0.6760	-1.2065	1.4282	0.5792	0.4208	
thetaIR[6, 5]	-0.2048	-0.2093	0.7977	-1.7498	1.3783	0.3965	0.6035	
thetaIR[1, 6]	0.2576	0.2578	0.7950	-1.3171	1.8028	0.6300	0.3700	
thetaIR[2, 6]	-0.3241	-0.3273	0.8672	-2.0007	1.3838	0.3526	0.6474	
thetaIR[3, 6]	0.3849	0.3957	0.9437	-1.4855	2.2011	0.6579	0.3421	
thetaIR[4, 6]	-0.1248	-0.1220	0.8242	-1.7113	1.4810	0.4413	0.5587	
thetaIR[5, 6]	-0.0983	-0.1018	0.6817	-1.4089	1.2500	0.4402	0.5598	
thetaIR[6, 6]	0.1498	0.1454	0.8039	-1.4064	1.7087	0.5699	0.4301	
Sigma.wIR[1, 1]	0.0218	0.0212	0.0046	0.0145	0.0324	1.0000	0.0000	*
Sigma.wIR[2, 1]	-0.0002	-0.0002	0.0033	-0.0073	0.0059	0.4792	0.5208	
Sigma.wIR[3, 1]	0.0000	0.0000	0.0033	-0.0067	0.0068	0.4993	0.5007	
Sigma.wIR[4, 1]	0.0004	0.0004	0.0030	-0.0063	0.0061	0.5640	0.4360	
Sigma.wIR[5, 1]	-0.0003	-0.0003	0.0031	-0.0066	0.0059	0.4538	0.5462	
Sigma.wIR[6, 1]	-0.0004	-0.0002	0.0032	-0.0075	0.0056	0.4741	0.5259	
Sigma.wIR[1, 2]	-0.0002	-0.0002	0.0033	-0.0073	0.0059	0.4792	0.5208	
Sigma.wIR[2, 2]	0.0220	0.0213	0.0047	0.0146	0.0331	1.0000	0.0000	*
Sigma.wIR[3, 2]	0.0000	-0.0001	0.0035	-0.0067	0.0075	0.4906	0.5094	
Sigma.wIR[4, 2]	0.0002	0.0002	0.0031	-0.0059	0.0062	0.5274	0.4726	
Sigma.wIR[5, 2]	0.0007	0.0006	0.0034	-0.0058	0.0072	0.5840	0.4160	
Sigma.wIR[6, 2]	-0.0003	-0.0003	0.0035	-0.0078	0.0066	0.4637	0.5363	
Sigma.wIR[1, 3]	0.0000	0.0000	0.0033	-0.0067	0.0068	0.4993	0.5007	
Sigma.wIR[2, 3]	0.0000	-0.0001	0.0035	-0.0067	0.0075	0.4906	0.5094	
Sigma.wIR[3, 3]	0.0225	0.0219	0.0048	0.0149	0.0334	1.0000	0.0000	*
Sigma.wIR[4, 3]	-0.0001	0.0000	0.0031	-0.0064	0.0062	0.5003	0.4997	
Sigma.wIR[5, 3]	0.0000	0.0000	0.0035	-0.0068	0.0072	0.5057	0.4943	
Sigma.wIR[6, 3]	0.0001	0.0002	0.0034	-0.0070	0.0068	0.5267	0.4733	
Sigma.wIR[1, 4]	0.0004	0.0004	0.0030	-0.0063	0.0061	0.5640	0.4360	
Sigma.wIR[2, 4]	0.0002	0.0002	0.0031	-0.0059	0.0062	0.5274	0.4726	
Sigma.wIR[3, 4]	-0.0001	0.0000	0.0031	-0.0064	0.0062	0.5003	0.4997	
Sigma.wIR[4, 4]	0.0218	0.0211	0.0046	0.0146	0.0328	1.0000	0.0000	*

Sigma.wIR[5, 4]	0.0000	-0.0001	0.0031	-0.0061	0.0063	0.4891	0.5109	
Sigma.wIR[6, 4]	0.0003	0.0003	0.0033	-0.0062	0.0067	0.5437	0.4563	
Sigma.wIR[1, 5]	-0.0003	-0.0003	0.0031	-0.0066	0.0059	0.4538	0.5462	
Sigma.wIR[2, 5]	0.0007	0.0006	0.0034	-0.0058	0.0072	0.5840	0.4160	
Sigma.wIR[3, 5]	0.0000	0.0000	0.0035	-0.0068	0.0072	0.5057	0.4943	
Sigma.wIR[4, 5]	0.0000	-0.0001	0.0031	-0.0061	0.0063	0.4891	0.5109	
Sigma.wIR[5, 5]	0.0219	0.0213	0.0046	0.0148	0.0325	1.0000	0.0000	*
Sigma.wIR[6, 5]	0.0005	0.0005	0.0031	-0.0055	0.0065	0.5661	0.4339	
Sigma.wIR[1, 6]	-0.0004	-0.0002	0.0032	-0.0075	0.0056	0.4741	0.5259	
Sigma.wIR[2, 6]	-0.0003	-0.0003	0.0035	-0.0078	0.0066	0.4637	0.5363	
Sigma.wIR[3, 6]	0.0001	0.0002	0.0034	-0.0070	0.0068	0.5267	0.4733	
Sigma.wIR[4, 6]	0.0003	0.0003	0.0033	-0.0062	0.0067	0.5437	0.4563	
Sigma.wIR[5, 6]	0.0005	0.0005	0.0031	-0.0055	0.0065	0.5661	0.4339	
Sigma.wIR[6, 6]	0.0225	0.0219	0.0047	0.0150	0.0338	1.0000	0.0000	*
sigma.wP	1.3856	1.3220	0.3762	0.8183	2.2688	1.0000	0.0000	*
sigma.wA	0.3348	0.3328	0.0857	0.1743	0.4841	1.0000	0.0000	*
sigma.wD	0.7010	0.6521	0.3600	0.1420	1.5040	1.0000	0.0000	*