Total pathlength of Model 1 to reach edges of length > 10000 and |rho| > 0 of Model 2

Model 2

Model 1	CMIP5_inmcm4_r1i1p1	CMIP5_GFDL.CM3_r1i1p1	CMIP5_EC.EARTH_r12i1p1	CMIP5_MIROC5_r1i1p1	CMIP5_CMCC.CESM_r1i1p1	CMIP5_BNU.ESM_r1i1p1	CMIP5_MIROC.ESM_r1i1p1	CMIP5_MIROC.ESM.CHEM_r1i1p1	CMIP5_IPSL.CM5A.MR_r1i1p1	CMIP5_IPSL.CM5A.LR_r1i1p1	CMIP5_IPSL.CM5B.LR_r1i1p1	CMIP5_CMCC.CM_r1i1p1	CMIP5_MPI.ESM.LR_r1i1p1	CMIP5_CMCC.CMS_r1i1p1	ncep_10d	CMIP5_HadGEM2.ES_r1i1p1	CMIP5_HadGEM2.CC_r1i1p1	CMIP5_MRI.CGCM3_r1i1p1	CMIP5_NorESM1.M_r1i1p1	CMIP5_CCSM4_r1i1p1	CMIP5_CESM1.BGC_r1i1p1	CMIP5_CanESM2_r1i1p1	CMIP5_GFDL.ESM2M_r1i1p1	CMIP5_GFDL.ESM2G_r1i1p1	CMIP5_ACCESS1.0_r1i1p1	CMIP5_ACCESS1.3_r1i1p1	CMIP5_bcc.csm1.1.m_r1i1p1	CMIP5_bcc.csm1.1_r1i1p1	CMIP5_CSIRO.Mk3.6.0_r1i1p1	JRA55_10d_akima_cubic	CMIP5_CNRM.CM5_r1i1p1	interim_10d_akima_cubic
interim_10d_akima_cubic	1150	577	404	715	551	353	495	442	807	626	545	914	1266	803	388	1038	1009	550	984	853	763	1134	666	932	2684	2713	1422	1449	1047	690	487	298
CMIP5_CNRM.CM5_r1i1p1	1334	695	460	797	596	412	555	513	909	701	665	1040	1389	933	862	1183	1144	639	1138	993	957	1323	782	1060	2940	2901	1633	1558	1198	923	141	1224
JRA55_10d_akima_cubic	1234	628	433	728	569	377	536	463	857	665	563	977	1357	872	706	1184	1141	570	1003	889	814	1244	683	1000	2864	2861	1622	1594	1110	226	507	1042
CMIP5_CSIRO.Mk3.6.0_r1i1p1	1122	584	371	676	508	367	453	420	758	564	525	851	1218	780	736	1035	1029	553	989	836	799	1048	642	843	2505	2552	1418	1365	310	786	458	1024
CMIP5_bcc.csm1.1_r1i1p1	1058	590	398	677	501	350	488	452	781	615	577	867	1172	764	743	1018	967	565	1005	879	863	1099	716	880	2423	2352	1336	405	1004	838	460	1055
CMIP5_bcc.csm1.1.m_r1i1p1	1057	565	368	636	494	337	464	426	739	583	533	841	1150	741	680	962	944	551	1002	860	802	1040	649	863	2391	2391	421	1224	991	792	442	998
CMIP5_ACCESS1.3_r1i1p1	970	563	369	599	469	327	461	396	735	572	544	812	1117	697	711	929	918	539	922	810	786	973	640	871	2085	749	1267	1158	940	770	417	1043
CMIP5_ACCESS1.0_r1i1p1	973	494	336	583	452	330	412	362	690	532	486	784	1026	693	721	875	877	532	928	819	824	903	603	836	760	2014	1218	1138	841	723	411	964
CMIP5_GFDL.ESM2G_r1i1p1	1187	637	369	729	553	388	519	498	775	622	567	928	1282	860	764	1128	1061	602	1026	900	836	1205	686	274	2782	2815	1546	1467	994	804	490	1133
CMIP5_GFDL.ESM2M_r1i1p1	1234	613	382	738	537	363	500	474	818	602	555	1000	1314	839	773	1131	1062	602	1043	865	848	1200	203	959	2830	2823	1586	1539	1059	840	482	1089
CMIP5_CanESM2_r1i1p1	1050	581	381	640	508	349	471	418	740	562	535	905	1187	757	770	981	1003	572	995	831	828	342	631	918	2388	2369	1391	1316	982	774	467	1055
CMIP5_CESM1.BGC_r1i1p1	1235	638	386	735	557	397	523	481	829	649	586	982	1255	865	741	1117	1067	561	963	774	223	1261	674	972	2907	2829	1526	1520	1117	785	503	1102
CMIP5_CCSM4_r1i1p1	1175	625	385	714	543	372	531	462	775	628	555	954	1243	807	742	1121	1094	540	938	238	728	1175	646	950	2836	2802	1523	1515	1080	815	520	1088
CMIP5_NorESM1.M_r1i1p1	1153	595	398	722	544	379	504	463	786	614	568	922	1235	842	770	1120	1030	537	279	806	751	1219	676	948	2764	2795	1534	1447	1088	828	475	1094
CMIP5_MRI.CGCM3_r1i1p1	1275	683	410	741	607	387	545	476	891	681	625	1008	1411	849	812	1221	1127	157	1051	856	850	1288	757	1040	2985	2965	1623	1549	1153	855	517	1165
CMIP5_HadGEM2.CC_r1i1p1	1168	599	389	659	510	349	490	439	799	648	550	909	1189	790	729	1015	292	540	968	852	787	1136	669	955	2568	2568	1423	1368	1034	822	452	1045
CMIP5_HadGEM2.ES_r1i1p1	1117	579	374	661	510	356	514	420	766	625	534	864	1169	769	716	299	965	568	985	841	793	1082	669	923	2507	2491	1413	1337	1012	783	469	993
ncep_10d	1236	603	437	741	606	369	547	468	852	670	574	983	1317	864	214	1102	1098	582	1030	868	785	1231	711	979	2917	2863	1518	1534	1143	729	505	700
CMIP5_CMCC.CMS_r1i1p1	1137	620	395	660	537	342	497	431	775	589	559	897	1219	233	742	1052	1025	569	1042	851	841	1132	680	959	2663	2627	1473	1394	1025	822	494	1059
CMIP5_MPI.ESM.LR_r1i1p1	1088	584	371	689	502	353	500	436	735	594	521	878	347	753	740	980	999	561	961	823	771	1114	664	879	2406	2446	1395	1299	981	763	465	1029
CMIP5_CMCC.CM_r1i1p1	1151	635	416	719	540	379	542	464	820	635	565	254	1222	773	771	1013	1053	549	1036	871	820	1181	729	935	2650	2549	1444	1416	1058	841	491	1107
CMIP5_IPSL.CM5B.LR_r1i1p1	1275	654	429	764	570	398	511	486	842	654	165	975	1391	849	768	1132	1139	609	1109	951	925	1253	718	1032	3015	2981	1617	1618	1126	872	523	1116
CMIP5_IPSL.CM5A.LR_r1i1p1	1282	625	400	737	541	382	518	480	792	185	565	980	1320	853	800	1143	1101	610	1041	897	877	1175	699	990	2790	2824	1566	1543	1081	866	500	1153
CMIP5_IPSL.CM5A.MR_r1i1p1	1143	619	393	717	522	360	506	467	234	595	556	909	1254	789	730	1098	1055	585	1012	867	843	1156	663	902	2728	2691	1484	1411	1032	801	468	1056
CMIP5_MIROC.ESM.CHEM_r1i1p1	1317	672	453	799	645	411	546	128	918	713	644	1086	1472	915	883	1224	1194	667	1182	1000	1032	1295	745	1084	2955	2910	1699	1628	1142	897	566	1232
CMIP5_MIROC.ESM_r1i1p1	Inf	Inf	409	819	567	Inf	154	Inf	Inf	671	633	Inf	Inf	Inf	Inf	1243	Inf	Inf	1153	Inf	Inf	1275	Inf	Inf	Inf	Inf	Inf	1610	1151	926	Inf	Inf
CMIP5_BNU.ESM_r1i1p1	1323	698	438	807	630	111	612	516	911	705	659	1085	1487	919	861	1294	1213	645	1176	982	994	1376	754	1049	3160	3202	1718	1669	1213	891	571	1230
CMIP5_CMCC.CESM_r1i1p1	1244	646	436	767	155	423	517	503	860	670	630	995	1352	880	818	1137	1118	648	1096	969	916	1280	723	1001	2960	2872	1637	1573	1124	910	528	1204
CMIP5_MIROC5_r1i1p1	1150	615	393	209	534	380	507	446	785	648	582	940	1279	798	765	1077	1073	575	1055	911	842	1190	687	931	2737	2678	1501	1472	1052	829	500	1140
CMIP5_EC.EARTH_r12i1p1	1314	736	117	820	628	443	554	524	907	698	685	1123	1462	930	874	1261	1177	646	1167	987	920	1365	733	1066	3126	3131	1753	1665	1219	969	556	1250
CMIP5_GFDL.CM3_r1i1p1	1234	178	402	746	550	385	521	474	820	640	548	992	1315	840	742	1100	1083	588	1022	874	861	1227	663	977	2823	2871	1515	1516	1077	859	509	1090
CMIP5_inmcm4_r1i1p1	327	609	367	650	491	362	497	434	770	604	530	877	1198	748	744	992	999	546	987	838	803	1132	656	880	2548	2419	1430	1331	979	774	457	1046

value: 3000, 2000, 1000

Average pathlength of Model 1 to reach edges of length > 10000 and |rho| > 0 of Model 2

Model 2

Model 1	CMIP5_inmcm4_r1i1p1	CMIP5_GFDL.CM3_r1i1p1	CMIP5_EC.EARTH_r12i1p1	CMIP5_MIROC5_r1i1p1	CMIP5_CMCC.CESM_r1i1p1	CMIP5_BNU.ESM_r1i1p1	CMIP5_MIROC.ESM_r1i1p1	CMIP5_MIROC.ESM.CHEM_r1i1p1	CMIP5_IPSL.CM5A.MR_r1i1p1	CMIP5_IPSL.CM5A.LR_r1i1p1	CMIP5_IPSL.CM5B.LR_r1i1p1	CMIP5_CMCC.CM_r1i1p1	CMIP5_MPI.ESM.LR_r1i1p1	CMIP5_CMCC.CMS_r1i1p1	ncep_10d	CMIP5_HadGEM2.ES_r1i1p1	CMIP5_HadGEM2.CC_r1i1p1	CMIP5_MRI.CGCM3_r1i1p1	CMIP5_NorESM1.M_r1i1p1	CMIP5_CCSM4_r1i1p1	CMIP5_CESM1.BGC_r1i1p1	CMIP5_CanESM2_r1i1p1	CMIP5_GFDL.ESM2M_r1i1p1	CMIP5_GFDL.ESM2G_r1i1p1	CMIP5_ACCESS1.0_r1i1p1	CMIP5_ACCESS1.3_r1i1p1	CMIP5_bcc.csm1.1.m_r1i1p1	CMIP5_bcc.csm1.1_r1i1p1	CMIP5_CSIRO.Mk3.6.0_r1i1p1	JRA55_10d_akima_cubic	CMIP5_CNRM.CM5_r1i1p1	interim_10d_akima_cubic
interim_10d_akima_cubic	3.5	3.2	3.5	3.4	3.6	3.2	3.2	3.5	3.4	3.4	3.3	3.6	3.6	3.4	1.8	3.5	3.5	3.5	3.5	3.6	3.4	3.3	3.3	3.4	3.5	3.6	3.4	3.6	3.4	3.1	3.5	1
CMIP5_CNRM.CM5_r1i1p1	4.1	3.9	3.9	3.8	3.8	3.7	3.6	4	3.9	3.8	4	4.1	4	4	4	4	3.9	4.1	4.1	4.2	4.3	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.9	4.1	1	4.1
JRA55_10d_akima_cubic	3.8	3.5	3.7	3.5	3.7	3.4	3.5	3.6	3.7	3.6	3.4	3.8	3.9	3.7	3.3	4	3.9	3.6	3.6	3.7	3.7	3.6	3.4	3.6	3.8	3.8	3.9	3.9	3.6	1	3.6	3.5
CMIP5_CSIRO.Mk3.6.0_r1i1p1	3.4	3.3	3.2	3.2	3.3	3.3	2.9	3.3	3.2	3	3.2	3.4	3.5	3.3	3.4	3.5	3.5	3.5	3.5	3.5	3.6	3.1	3.2	3.1	3.3	3.4	3.4	3.4	1	3.5	3.2	3.4
CMIP5_bcc.csm1.1_r1i1p1	3.2	3.3	3.4	3.2	3.2	3.2	3.2	3.5	3.3	3.3	3.5	3.4	3.4	3.3	3.5	3.4	3.3	3.6	3.6	3.7	3.9	3.2	3.5	3.2	3.2	3.1	3.2	1	3.2	3.7	3.3	3.5
CMIP5_bcc.csm1.1.m_r1i1p1	3.2	3.2	3.1	3	3.2	3	3	3.3	3.2	3.2	3.2	3.3	3.3	3.2	3.2	3.2	3.2	3.5	3.6	3.6	3.6	3	3.2	3.1	3.1	3.2	1	3	3.2	3.5	3.1	3.3
CMIP5_ACCESS1.3_r1i1p1	3	3.2	3.2	2.9	3	2.9	3	3.1	3.1	3.1	3.3	3.2	3.2	3	3.3	3.1	3.1	3.4	3.3	3.4	3.5	2.8	3.2	3.2	2.7	1	3	2.9	3	3.4	3	3.5
CMIP5_ACCESS1.0_r1i1p1	3	2.8	2.9	2.8	2.9	3	2.7	2.8	2.9	2.9	2.9	3.1	3	3	3.4	2.9	3	3.4	3.3	3.4	3.7	2.6	3	3.1	1	2.7	2.9	2.8	2.7	3.2	2.9	3.2
CMIP5_GFDL.ESM2G_r1i1p1	3.6	3.6	3.2	3.5	3.6	3.5	3.4	3.9	3.3	3.4	3.4	3.7	3.7	3.7	3.6	3.8	3.6	3.8	3.7	3.8	3.7	3.5	3.4	1	3.7	3.8	3.7	3.6	3.2	3.6	3.5	3.8
CMIP5_GFDL.ESM2M_r1i1p1	3.8	3.4	3.3	3.5	3.5	3.3	3.2	3.7	3.5	3.3	3.4	3.9	3.8	3.6	3.6	3.8	3.6	3.8	3.7	3.6	3.8	3.5	1	3.5	3.7	3.8	3.8	3.8	3.4	3.7	3.4	3.7
CMIP5_CanESM2_r1i1p1	3.2	3.3	3.3	3.1	3.3	3.1	3.1	3.3	3.2	3	3.2	3.6	3.4	3.2	3.6	3.3	3.4	3.6	3.6	3.5	3.7	1	3.1	3.4	3.1	3.2	3.3	3.2	3.2	3.4	3.3	3.5
CMIP5_CESM1.BGC_r1i1p1	3.8	3.6	3.3	3.5	3.6	3.6	3.4	3.8	3.5	3.5	3.6	3.9	3.6	3.7	3.5	3.7	3.7	3.6	3.5	3.3	1	3.7	3.3	3.5	3.8	3.8	3.6	3.8	3.6	3.5	3.6	3.7
CMIP5_CCSM4_r1i1p1	3.6	3.5	3.3	3.4	3.5	3.4	3.4	3.6	3.3	3.4	3.4	3.8	3.6	3.5	3.5	3.7	3.7	3.4	3.4	1	3.3	3.4	3.2	3.5	3.7	3.7	3.6	3.7	3.5	3.6	3.7	3.7
CMIP5_NorESM1.M_r1i1p1	3.5	3.3	3.4	3.5	3.5	3.4	3.3	3.6	3.4	3.3	3.4	3.6	3.6	3.6	3.6	3.7	3.5	3.4	1	3.4	3.4	3.6	3.3	3.5	3.6	3.7	3.6	3.6	3.5	3.7	3.4	3.7
CMIP5_MRI.CGCM3_r1i1p1	3.9	3.8	3.5	3.5	3.9	3.5	3.5	3.7	3.8	3.7	3.8	4	4.1	3.6	3.8	4.1	3.9	1	3.8	3.6	3.8	3.8	3.7	3.8	3.9	4	3.9	3.8	3.7	3.8	3.7	3.9
CMIP5_HadGEM2.CC_r1i1p1	3.6	3.4	3.3	3.2	3.3	3.1	3.2	3.4	3.4	3.5	3.3	3.6	3.4	3.4	3.4	3.4	1	3.4	3.5	3.6	3.5	3.3	3.3	3.5	3.4	3.4	3.4	3.4	3.3	3.6	3.2	3.5
CMIP5_HadGEM2.ES_r1i1p1	3.4	3.3	3.2	3.2	3.3	3.2	3.3	3.3	3.3	3.4	3.2	3.4	3.4	3.3	3.3	1	3.3	3.6	3.5	3.5	3.6	3.2	3.3	3.4	3.3	3.3	3.4	3.3	3.3	3.5	3.3	3.3
ncep_10d	3.8	3.4	3.7	3.5	3.9	3.3	3.6	3.7	3.6	3.6	3.5	3.9	3.8	3.7	1	3.7	3.8	3.7	3.7	3.6	3.5	3.6	3.5	3.6	3.8	3.8	3.6	3.8	3.7	3.2	3.6	2.3
CMIP5_CMCC.CMS_r1i1p1	3.5	3.5	3.4	3.2	3.5	3.1	3.2	3.4	3.3	3.2	3.4	3.5	3.5	1	3.5	3.5	3.5	3.6	3.7	3.6	3.8	3.3	3.3	3.5	3.5	3.5	3.5	3.4	3.3	3.6	3.5	3.6
CMIP5_MPI.ESM.LR_r1i1p1	3.3	3.3	3.2	3.3	3.2	3.2	3.2	3.4	3.1	3.2	3.2	3.5	1	3.2	3.5	3.3	3.4	3.6	3.4	3.5	3.5	3.3	3.3	3.2	3.2	3.3	3.3	3.2	3.2	3.4	3.3	3.5
CMIP5_CMCC.CM_r1i1p1	3.5	3.6	3.6	3.4	3.5	3.4	3.5	3.6	3.5	3.4	3.4	1	3.5	3.3	3.6	3.4	3.6	3.5	3.7	3.7	3.7	3.5	3.6	3.4	3.5	3.4	3.4	3.5	3.4	3.7	3.5	3.7
CMIP5_IPSL.CM5B.LR_r1i1p1	3.9	3.7	3.7	3.7	3.7	3.6	3.3	3.8	3.6	3.5	1	3.8	4	3.6	3.6	3.8	3.9	3.9	4	4	4.1	3.7	3.5	3.8	4	4	3.8	4	3.6	3.9	3.7	3.7
CMIP5_IPSL.CM5A.LR_r1i1p1	3.9	3.5	3.4	3.5	3.5	3.4	3.4	3.8	3.4	1	3.4	3.9	3.8	3.7	3.7	3.8	3.8	3.9	3.7	3.8	3.9	3.4	3.4	3.6	3.7	3.8	3.7	3.8	3.5	3.8	3.5	3.9
CMIP5_IPSL.CM5A.MR_r1i1p1	3.5	3.5	3.4	3.4	3.4	3.2	3.3	3.6	1	3.2	3.4	3.6	3.6	3.4	3.4	3.7	3.6	3.7	3.6	3.6	3.8	3.4	3.3	3.3	3.6	3.6	3.5	3.5	3.3	3.5	3.3	3.5
CMIP5_MIROC.ESM.CHEM_r1i1p1	4	3.8	3.9	3.8	4.2	3.7	3.5	1	3.9	3.9	3.9	4.3	4.2	3.9	4.1	4.1	4.1	4.2	4.2	4.2	4.6	3.8	3.7	4	3.9	3.9	4	4	3.7	4	4	4.1
CMIP5_MIROC.ESM_r1i1p1			3.5	3.9	3.7		1			3.6	3.8					4.2			4.1			3.7							4	3.7	4.1		
CMIP5_BNU.ESM_r1i1p1	4	3.9	3.7	3.9	4.1	1	4	4	3.9	3.8	4	4.3	4.3	3.9	4	4.3	4.2	4.1	4.2	4.1	4.5	4	3.7	3.8	4.2	4.3	4.1	4.1	3.9	3.9	4	4.1
CMIP5_CMCC.CESM_r1i1p1	3.8	3.6	3.7	3.7	1	3.8	3.4	3.9	3.7	3.6	3.8	3.9	3.9	3.8	3.8	3.8	3.8	4.1	3.9	4.1	4.1	3.7	3.6	3.7	3.9	3.8	3.9	3.9	3.6	4	3.7	4
CMIP5_MIROC5_r1i1p1	3.5	3.5	3.4	1	3.4	3.4	3.3	3.5	3.4	3.5	3.5	3.7	3.7	3.4	3.6	3.6	3.7	3.7	3.8	3.8	3.8	3.5	3.4	3.4	3.6	3.6	3.6	3.6	3.4	3.7	3.5	3.8
CMIP5_EC.EARTH_r12i1p1	4	4.1	1	3.9	4.1	4	3.6	4.1	3.9	3.8	4.2	4.4	4.2	4	4.1	4.2	4	4.1	4.2	4.1	4.1	4	3.6	3.9	4.1	4.2	4.2	4.1	3.9	4.3	3.9	4.2
CMIP5_GFDL.CM3_r1i1p1	3.8	1	3.4	3.6	3.5	3.5	3.4	3.7	3.5	3.5	3.3	3.9	3.8	3.6	3.5	3.7	3.7	3.7	3.7	3.7	3.9	3.6	3.3	3.6	3.7	3.8	3.6	3.7	3.5	3.8	3.6	3.7
CMIP5_inmcm4_r1i1p1	1	3.4	3.1	3.1	3.2	3.3	3.2	3.4	3.3	3.3	3.2	3.5	3.5	3.2	3.5	3.3	3.4	3.5	3.5	3.5	3.6	3.3	3.2	3.2	3.4	3.2	3.4	3.3	3.2	3.4	3.2	3.5

value: 4.5, 4.0, 3.5, 3.0, 2.5, 2.0