Total pathlength of Model 1 to reach edges of length > 7500 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	1780	915	674	1136	883	595	676	680	1324	1010	761	1386	2025	1198	558	1512	1521	835	1339	1232	1178	1703	1100	1274	3899	4012	2336	2195	1487	963	725	424
CMIP5_CNRM.CM5_r1i1p1	2030	1069	760	1248	954	651	743	772	1479	1117	907	1566	2228	1375	1232	1721	1722	970	1536	1408	1409	1899	1256	1416	4256	4218	2654	2356	1690	1265	212	1691
JRA55_10d_akima_cubic	1914	994	710	1169	927	629	738	719	1391	1103	797	1489	2162	1302	1019	1719	1705	858	1393	1284	1243	1850	1109	1356	4199	4196	2665	2396	1566	322	770	1433
CMIP5_CSIRO.Mk3.6.0_r1i1p1	1757	895	621	1062	812	580	621	644	1256	938	745	1337	1953	1174	1063	1525	1543	828	1348	1222	1247	1556	1039	1176	3697	3763	2339	2078	443	1090	691	1447
CMIP5_bcc.csm1.1_r1i1p1	1642	914	655	1089	797	588	654	678	1275	973	791	1337	1868	1160	1079	1485	1474	865	1350	1259	1291	1584	1148	1206	3582	3466	2212	617	1423	1169	706	1494
CMIP5_bcc.csm1.1.m_r1i1p1	1639	879	607	1029	797	563	621	651	1237	937	730	1322	1854	1120	990	1401	1438	815	1332	1209	1190	1535	1057	1182	3498	3527	696	1873	1382	1118	659	1397
CMIP5_ACCESS1.3_r1i1p1	1516	870	602	954	740	536	608	599	1189	931	755	1264	1762	1073	994	1358	1382	809	1237	1167	1181	1425	1028	1161	3053	1115	2065	1736	1307	1076	635	1447
CMIP5_ACCESS1.0_r1i1p1	1502	775	562	945	722	541	556	555	1147	865	676	1201	1666	1065	990	1278	1319	809	1244	1153	1215	1344	972	1138	1125	2932	1978	1734	1192	1023	624	1327
CMIP5_GFDL.ESM2G_r1i1p1	1802	963	645	1146	881	624	698	751	1312	1017	795	1426	2064	1271	1091	1636	1601	904	1404	1315	1239	1759	1106	376	4087	4106	2507	2223	1400	1131	732	1570
CMIP5_GFDL.ESM2M_r1i1p1	1862	939	645	1163	838	606	681	722	1323	975	761	1497	2069	1243	1091	1633	1599	898	1414	1243	1251	1747	332	1288	4084	4103	2561	2299	1481	1157	730	1500
CMIP5_CanESM2_r1i1p1	1633	915	635	1048	801	567	623	651	1236	925	751	1394	1895	1146	1092	1447	1514	875	1342	1188	1255	501	1039	1242	3503	3504	2273	2005	1392	1098	702	1478
CMIP5_CESM1.BGC_r1i1p1	1837	992	663	1159	888	627	702	743	1374	1053	814	1492	2020	1287	1070	1631	1608	860	1331	1143	347	1823	1097	1315	4206	4125	2462	2249	1572	1084	725	1538
CMIP5_CCSM4_r1i1p1	1805	949	647	1157	877	607	706	701	1309	1013	776	1464	2005	1206	1080	1631	1631	815	1302	354	1141	1710	1063	1318	4134	4093	2443	2273	1508	1128	750	1534
CMIP5_NorESM1.M_r1i1p1	1748	927	672	1140	867	613	684	720	1321	997	780	1404	2011	1243	1105	1625	1539	845	387	1173	1151	1777	1103	1283	4056	4061	2466	2176	1519	1149	717	1523
CMIP5_MRI.CGCM3_r1i1p1	1936	1046	682	1165	944	629	737	716	1469	1103	869	1505	2268	1258	1155	1756	1685	243	1446	1256	1297	1858	1228	1389	4312	4282	2603	2316	1600	1189	758	1600
CMIP5_HadGEM2.CC_r1i1p1	1768	952	630	1061	827	573	653	666	1316	1028	763	1372	1925	1184	1031	1489	447	827	1329	1221	1209	1676	1060	1296	3763	3745	2340	2055	1450	1133	683	1446
CMIP5_HadGEM2.ES_r1i1p1	1717	909	624	1067	814	575	679	646	1263	982	757	1338	1892	1152	1032	439	1472	855	1324	1210	1193	1594	1087	1243	3658	3659	2288	2008	1438	1091	694	1414
ncep_10d	1904	964	721	1186	955	623	741	716	1387	1089	810	1477	2133	1280	306	1611	1653	890	1411	1258	1211	1844	1165	1334	4265	4195	2496	2298	1593	1020	755	975
CMIP5_CMCC.CMS_r1i1p1	1759	969	656	1065	848	562	663	676	1291	965	756	1369	1967	354	1061	1543	1555	861	1428	1215	1265	1651	1089	1290	3887	3838	2364	2107	1443	1118	723	1471
CMIP5_MPI.ESM.LR_r1i1p1	1658	900	617	1099	802	573	661	673	1189	957	732	1338	570	1133	1065	1424	1500	858	1320	1176	1160	1600	1063	1192	3512	3566	2247	1962	1397	1054	686	1464
CMIP5_CMCC.CM_r1i1p1	1759	985	662	1134	853	609	717	701	1327	1013	772	395	1979	1171	1083	1500	1576	827	1383	1247	1224	1719	1168	1251	3840	3752	2359	2133	1498	1163	734	1531
CMIP5_IPSL.CM5B.LR_r1i1p1	1959	1008	699	1209	913	651	691	754	1387	1058	231	1501	2220	1274	1119	1669	1714	921	1503	1361	1402	1841	1154	1408	4432	4344	2607	2402	1584	1215	787	1555
CMIP5_IPSL.CM5A.LR_r1i1p1	1893	971	669	1170	841	629	680	705	1307	304	766	1482	2068	1266	1152	1664	1644	920	1412	1281	1326	1723	1128	1337	4042	4138	2482	2282	1497	1204	760	1604
CMIP5_IPSL.CM5A.MR_r1i1p1	1752	966	654	1142	822	588	684	714	390	967	763	1394	2004	1187	1056	1604	1549	881	1383	1234	1269	1678	1080	1268	3973	3939	2420	2121	1441	1114	726	1492
CMIP5_MIROC.ESM.CHEM_r1i1p1	2013	1043	746	1278	1010	672	745	203	1500	1134	898	1641	2346	1381	1253	1787	1796	998	1606	1406	1511	1892	1214	1476	4280	4259	2724	2436	1627	1261	846	1712
CMIP5_MIROC.ESM_r1i1p1	Inf	Inf	Inf	1287	917	Inf	207	Inf	Inf	1058	Inf	Inf	Inf	Inf	Inf	1797	Inf	Inf	1552	Inf	Inf	1836	Inf	Inf	Inf	Inf	Inf	Inf	1602	1270	Inf	Inf
CMIP5_BNU.ESM_r1i1p1	2006	1052	730	1248	999	184	808	789	1489	1134	901	1622	2340	1362	1220	1874	1821	956	1595	1383	1465	1961	1228	1416	4549	4650	2739	2506	1678	1253	833	1705
CMIP5_CMCC.CESM_r1i1p1	1892	1030	716	1211	250	678	701	768	1389	1073	873	1506	2173	1331	1149	1660	1671	985	1486	1400	1396	1841	1180	1365	4294	4191	2653	2380	1574	1279	792	1665
CMIP5_MIROC5_r1i1p1	1773	971	657	335	854	607	693	683	1290	1036	799	1445	2056	1213	1104	1577	1609	876	1413	1306	1274	1749	1119	1287	4015	3951	2457	2218	1477	1129	750	1582
CMIP5_EC.EARTH_r12i1p1	1986	1121	197	1277	987	696	735	774	1467	1125	938	1663	2302	1379	1217	1795	1773	954	1567	1396	1372	1949	1199	1452	4485	4506	2742	2449	1677	1330	818	1727
CMIP5_GFDL.CM3_r1i1p1	1892	281	674	1200	898	626	703	713	1368	1047	758	1504	2102	1285	1086	1609	1633	890	1390	1258	1295	1794	1105	1334	4123	4224	2449	2258	1509	1182	752	1541
CMIP5_inmcm4_r1i1p1	505	932	618	1053	816	589	664	664	1234	983	733	1354	1894	1149	1049	1457	1476	811	1326	1196	1195	1646	1077	1220	3734	3584	2325	2000	1404	1078	688	1455

value: 4000, 3000, 2000, 1000

Average pathlength of Model 1 to reach edges of length > 7500 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	3.3	3.4	3.4	3.5	3.2	3.3	3.3	3.4	3.3	3.3	3.5	3.6	3.4	1.8	3.4	3.4	3.4	3.5	3.5	3.4	3.4	3.3	3.4	3.5	3.6	3.4	3.6	3.4	3	3.4	1
CMIP5_CNRM.CM5_r1i1p1	4	3.8	3.9	3.7	3.8	3.5	3.6	3.8	3.8	3.7	3.9	4	3.9	3.9	4	3.9	3.9	4	4	4	4.1	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.9	1	4
JRA55_10d_akima_cubic	3.8	3.5	3.6	3.5	3.7	3.4	3.6	3.5	3.6	3.6	3.5	3.8	3.8	3.7	3.3	3.9	3.8	3.5	3.6	3.6	3.6	3.7	3.3	3.6	3.7	3.8	3.8	3.9	3.5	1	3.6	3.4
CMIP5_CSIRO.Mk3.6.0_r1i1p1	3.5	3.2	3.2	3.2	3.2	3.2	3	3.2	3.2	3.1	3.2	3.4	3.4	3.3	3.5	3.5	3.5	3.4	3.5	3.5	3.6	3.1	3.1	3.1	3.3	3.4	3.4	3.4	1	3.4	3.3	3.4
CMIP5_bcc.csm1.1_r1i1p1	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.3	3.3	3.2	3.4	3.4	3.3	3.3	3.5	3.4	3.3	3.6	3.5	3.6	3.7	3.2	3.5	3.2	3.2	3.1	3.2	1	3.2	3.6	3.3	3.5
CMIP5_bcc.csm1.1.m_r1i1p1	3.2	3.1	3.1	3.1	3.2	3.1	3	3.2	3.2	3.1	3.2	3.3	3.3	3.2	3.2	3.2	3.2	3.4	3.4	3.4	3.4	3.1	3.2	3.1	3.1	3.2	1	3	3.1	3.5	3.1	3.3
CMIP5_ACCESS1.3_r1i1p1	3	3.1	3.1	2.8	3	2.9	2.9	3	3	3.1	3.3	3.2	3.1	3	3.2	3.1	3.1	3.3	3.2	3.3	3.4	2.8	3.1	3.1	2.7	1	3	2.8	3	3.3	3	3.4
CMIP5_ACCESS1.0_r1i1p1	3	2.8	2.9	2.8	2.9	2.9	2.7	2.7	2.9	2.8	2.9	3	2.9	3	3.2	2.9	3	3.3	3.2	3.3	3.5	2.7	2.9	3	1	2.6	2.8	2.8	2.7	3.2	2.9	3.1
CMIP5_GFDL.ESM2G_r1i1p1	3.6	3.4	3.3	3.4	3.5	3.4	3.4	3.7	3.4	3.3	3.4	3.6	3.6	3.6	3.6	3.7	3.6	3.7	3.6	3.7	3.6	3.5	3.3	1	3.6	3.7	3.6	3.6	3.2	3.5	3.5	3.7
CMIP5_GFDL.ESM2M_r1i1p1	3.7	3.3	3.3	3.5	3.4	3.3	3.3	3.6	3.4	3.2	3.3	3.8	3.6	3.5	3.6	3.7	3.6	3.7	3.7	3.5	3.6	3.5	1	3.4	3.6	3.7	3.7	3.7	3.3	3.6	3.4	3.5
CMIP5_CanESM2_r1i1p1	3.2	3.3	3.2	3.1	3.2	3.1	3	3.2	3.2	3	3.3	3.5	3.3	3.2	3.6	3.3	3.4	3.6	3.5	3.4	3.6	1	3.1	3.3	3.1	3.1	3.3	3.2	3.1	3.4	3.3	3.5
CMIP5_CESM1.BGC_r1i1p1	3.6	3.5	3.4	3.5	3.6	3.4	3.4	3.7	3.5	3.5	3.5	3.8	3.5	3.6	3.5	3.7	3.6	3.5	3.4	3.2	1	3.6	3.3	3.5	3.7	3.7	3.5	3.6	3.5	3.4	3.4	3.6
CMIP5_CCSM4_r1i1p1	3.6	3.4	3.3	3.5	3.5	3.3	3.4	3.5	3.4	3.3	3.4	3.7	3.5	3.4	3.5	3.7	3.6	3.4	3.4	1	3.3	3.4	3.2	3.5	3.7	3.7	3.5	3.7	3.4	3.5	3.5	3.6
CMIP5_NorESM1.M_r1i1p1	3.5	3.3	3.4	3.4	3.5	3.3	3.3	3.5	3.4	3.3	3.4	3.6	3.5	3.5	3.6	3.7	3.4	3.5	1	3.3	3.3	3.5	3.3	3.4	3.6	3.6	3.5	3.5	3.4	3.6	3.4	3.6
CMIP5_MRI.CGCM3_r1i1p1	3.8	3.7	3.5	3.5	3.8	3.4	3.6	3.5	3.8	3.6	3.8	3.8	4	3.6	3.8	4	3.8	1	3.7	3.5	3.7	3.7	3.7	3.7	3.8	3.8	3.7	3.8	3.6	3.7	3.6	3.8
CMIP5_HadGEM2.CC_r1i1p1	3.5	3.4	3.2	3.2	3.3	3.1	3.2	3.3	3.4	3.4	3.3	3.5	3.4	3.3	3.4	3.4	1	3.4	3.4	3.4	3.5	3.3	3.2	3.4	3.3	3.4	3.4	3.3	3.3	3.5	3.2	3.4
CMIP5_HadGEM2.ES_r1i1p1	3.4	3.2	3.2	3.2	3.3	3.1	3.3	3.2	3.2	3.2	3.3	3.4	3.3	3.3	3.4	1	3.3	3.5	3.4	3.4	3.4	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.4	3.3	3.3
ncep_10d	3.8	3.4	3.7	3.5	3.8	3.4	3.6	3.5	3.6	3.6	3.5	3.7	3.7	3.6	1	3.7	3.7	3.7	3.6	3.6	3.5	3.7	3.5	3.5	3.8	3.8	3.6	3.7	3.6	3.2	3.6	2.3
CMIP5_CMCC.CMS_r1i1p1	3.5	3.4	3.3	3.2	3.4	3.1	3.2	3.3	3.3	3.2	3.3	3.5	3.5	1	3.5	3.5	3.5	3.5	3.7	3.4	3.6	3.3	3.3	3.4	3.5	3.4	3.4	3.4	3.3	3.5	3.4	3.5
CMIP5_MPI.ESM.LR_r1i1p1	3.3	3.2	3.1	3.3	3.2	3.1	3.2	3.3	3	3.1	3.2	3.4	1	3.2	3.5	3.2	3.4	3.5	3.4	3.3	3.3	3.2	3.2	3.2	3.1	3.2	3.2	3.2	3.2	3.3	3.2	3.5
CMIP5_CMCC.CM_r1i1p1	3.5	3.5	3.4	3.4	3.4	3.3	3.5	3.5	3.4	3.3	3.3	1	3.5	3.3	3.5	3.4	3.5	3.4	3.6	3.5	3.5	3.4	3.5	3.3	3.4	3.4	3.4	3.5	3.4	3.6	3.5	3.6
CMIP5_IPSL.CM5B.LR_r1i1p1	3.9	3.6	3.5	3.6	3.7	3.5	3.3	3.7	3.6	3.5	1	3.8	3.9	3.6	3.7	3.8	3.8	3.8	3.9	3.8	4	3.7	3.5	3.7	3.9	3.9	3.7	3.9	3.6	3.8	3.7	3.7
CMIP5_IPSL.CM5A.LR_r1i1p1	3.7	3.5	3.4	3.5	3.4	3.4	3.3	3.5	3.4	1	3.3	3.8	3.6	3.6	3.8	3.8	3.7	3.8	3.6	3.6	3.8	3.4	3.4	3.6	3.6	3.7	3.6	3.7	3.4	3.7	3.6	3.8
CMIP5_IPSL.CM5A.MR_r1i1p1	3.5	3.4	3.3	3.4	3.3	3.2	3.3	3.5	1	3.2	3.3	3.5	3.5	3.4	3.5	3.7	3.5	3.6	3.6	3.5	3.7	3.3	3.3	3.4	3.5	3.5	3.5	3.4	3.3	3.5	3.4	3.5
CMIP5_MIROC.ESM.CHEM_r1i1p1	4	3.7	3.8	3.8	4	3.7	3.6	1	3.8	3.7	3.9	4.2	4.1	3.9	4.1	4.1	4	4.1	4.1	4	4.4	3.8	3.7	3.9	3.8	3.8	3.9	3.9	3.7	3.9	4	4
CMIP5_MIROC.ESM_r1i1p1				3.8	3.7		1			3.5						4.1			4			3.7								3.6	3.9		
CMIP5_BNU.ESM_r1i1p1	4	3.7	3.7	3.7	4	1	3.9	3.9	3.8	3.7	3.9	4.1	4.1	3.8	4	4.3	4.1	3.9	4.1	3.9	4.2	3.9	3.7	3.8	4	4.2	3.9	4.1	3.8	3.9	3.9	4
CMIP5_CMCC.CESM_r1i1p1	3.7	3.7	3.6	3.6	1	3.7	3.4	3.8	3.6	3.5	3.8	3.8	3.8	3.8	3.8	3.8	3.7	4.1	3.8	4	4	3.7	3.6	3.6	3.8	3.8	3.8	3.9	3.6	4	3.7	3.9
CMIP5_MIROC5_r1i1p1	3.5	3.5	3.3	1	3.4	3.3	3.3	3.4	3.3	3.4	3.5	3.7	3.6	3.4	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.5	3.4	3.4	3.6	3.5	3.5	3.6	3.3	3.5	3.5	3.7
CMIP5_EC.EARTH_r12i1p1	3.9	4	1	3.8	3.9	3.8	3.6	3.8	3.8	3.7	4.1	4.2	4	3.9	4	4.1	4	3.9	4	3.9	4	3.9	3.6	3.9	4	4	3.9	4	3.8	4.1	3.9	4.1
CMIP5_GFDL.CM3_r1i1p1	3.7	1	3.4	3.6	3.6	3.4	3.4	3.5	3.5	3.4	3.3	3.8	3.7	3.6	3.5	3.7	3.7	3.7	3.6	3.6	3.7	3.6	3.3	3.5	3.7	3.8	3.5	3.7	3.4	3.7	3.5	3.6
CMIP5_inmcm4_r1i1p1	1	3.3	3.1	3.1	3.3	3.2	3.2	3.3	3.2	3.2	3.2	3.4	3.3	3.2	3.4	3.3	3.3	3.3	3.4	3.4	3.4	3.3	3.2	3.2	3.3	3.2	3.3	3.2	3.2	3.3	3.2	3.4

value: 4.5, 4.0, 3.5, 3.0, 2.5