

Supplementary Table 1 : Global and annual multi-model mean clear sky radiative fluxes.

Variables	Base	cfc12	cfc11	n2o1p	Indus	bcslt
fsst						
rsutcs	52.0795 (10)	-0.1493 (10)	-0.1154 (9)	0.9407 (9)	-1.4009 (9)	3.4822 (9)
rsdscs	249.677 (8)	-0.617 (8)	-0.382 (8)	4.693 (8)	-4.632 (8)	-3.890 (8)
rsuscs	30.3708 (8)	-0.2918 (8)	-0.1183 (8)	0.4179 (8)	-0.7646 (8)	-0.3413 (8)
rlutcs	262.669 (10)	-3.745 (10)	-1.216 (9)	0.468 (9)	0.290 (9)	-0.391 (9)
rldscs	315.497 (10)	3.340 (10)	1.093 (9)	1.039 (9)	1.248 (9)	-0.341 (9)
coupled						
rsutcs	52.2177 (10)	-1.6848 (10)	-0.5122 (10)	-0.4573 (9)	-1.7721 (9)	5.4165 (8)
rsdscs	249.176 (8)	-2.733 (8)	-0.890 (8)	2.114 (8)	-5.790 (8)	-1.609 (8)
rsuscs	30.4707 (8)	-1.9290 (8)	-0.5917 (8)	-1.2358 (8)	-1.2555 (8)	1.6795 (8)
rlutcs	263.482 (10)	0.523 (10)	0.064 (10)	4.952 (9)	1.434 (9)	-4.917 (8)
rldscs	317.919 (10)	18.671 (10)	4.995 (10)	17.127 (9)	5.264 (9)	-14.702 (8)

Table 3: Global and annual multi-model mean top of the atmosphere and surface fluxes for core PDRMIP simulations (variable names described in Tables 5-7).

Variables	Base	co2x2	ch4x3	solar	bcx10	sulx5
fsst						
rsdt	341.055 (10)	-0.000 (10)	0.000 (9)	6.814 (9)	0.000 (9)	0.000 (9)
rsut	101.805 (10)	-0.726 (10)	-0.296 (9)	1.997 (9)	-1.994 (9)	4.132 (9)
rsds	188.595 (10)	0.221 (10)	-0.125 (9)	3.390 (9)	-4.423 (9)	-4.397 (9)
rsus	24.0455 (10)	-0.1868 (10)	-0.0918 (9)	0.2761 (9)	-0.7070 (9)	-0.3302 (9)
rlut	237.512 (10)	-3.096 (10)	-0.835 (9)	0.621 (9)	0.978 (9)	-0.646 (9)
rlds	341.571 (10)	2.339 (10)	0.798 (9)	1.011 (9)	1.279 (9)	-0.222 (9)
rlus	398.138 (10)	1.164 (10)	0.279 (9)	0.623 (9)	0.209 (9)	-0.536 (9)
hfls	86.7742 (10)	-2.1689 (10)	-0.4763 (9)	-0.6745 (9)	-2.3951 (9)	-0.0772 (9)
hfss	19.9755 (11)	-0.0571 (11)	-0.1516 (10)	0.0167 (10)	-1.2561 (10)	-0.2193 (10)
coupled						
rsdt	341.047 (10)	0.003 (10)	0.000 (10)	6.814 (9)	0.000 (9)	-0.000 (8)
rsut	101.265 (10)	-2.051 (10)	-0.613 (10)	0.757 (9)	-2.304 (9)	6.238 (8)

rsds	189.067 (10)	-1.632 (10)	-0.582 (10)	1.299 (9)	-5.452 (9)	-3.099 (8)
rsus	24.0532 (10)	-1.5260 (10)	-0.4483 (10)	-1.0378 (9)	-1.0720 (9)	1.3567 (8)
rlut	238.5 (10)	1.2 (10)	0.4 (10)	5.1 (9)	2.2 (9)	-5.3 (8)
rlds	343.361 (10)	16.550 (10)	4.490 (10)	15.844 (9)	5.087 (9)	-13.305 (8)
rlus	400.326 (10)	13.114 (10)	3.425 (10)	12.947 (9)	3.330 (9)	-11.926 (8)
hfls	87.4238 (10)	3.0924 (10)	1.0147 (10)	4.9348 (9)	-1.4130 (9)	-5.3573 (8)
hfss	19.9263 (11)	-0.5725 (11)	-0.2729 (11)	-0.5133 (10)	-1.3166 (10)	0.3224 (9)

Table 4: Global and annual multi-model mean meteorological variables for core PDRMIP simulations (variable names described in Table 8-11).

Variables	Base	co2x2	ch4x3	solar	bcx10	sulx5
fsst						
tas	287.54 (11)	0.27 (11)	0.07 (10)	0.13 (10)	0.08 (10)	-0.10 (10)
ts	288.166 (4)	0.264 (4)	0.052 (4)	0.113 (4)	0.051 (3)	-0.078 (3)
pr	3.44914E-05 (11)	-0.08736E-05 (11)	-0.01762E-05 (10)	-0.02537E-05 (10)	-0.09186E-05 (10)	-0.00336E-05 (10)
prc	2.08825E-05 (11)	-0.06511E-05 (11)	-0.01147E-05 (10)	-0.02795E-05 (10)	-0.07711E-05 (10)	0.00169E-05 (10)
huss	0.00954522 (9)	-0.00094672 (9)	0.00003938 (8)	0.00008641 (8)	0.00012258 (9)	0.00107458 (9)
hurs	76.2668 (9)	-2.6591 (9)	-8.4844 (8)	-8.4241 (8)	-7.2152 (9)	-9.9994 (9)
prw	24.5249 (11)	0.2055 (11)	0.0895 (10)	0.2888 (10)	0.4323 (10)	-0.1181 (10)
evspsb1	2.82009E-05 (11)	-0.07110E-05 (11)	-0.01765E-05 (10)	-0.02542E-05 (10)	-0.05946E-05 (10)	-0.00033E-05 (10)
uas	-0.467135 (11)	-0.001142 (11)	-0.013455 (10)	-0.015807 (10)	-0.005246 (10)	0.014340 (10)
vas	0.144352 (11)	-0.000438 (11)	-0.001657 (10)	0.004555 (10)	0.018139 (10)	-0.013067 (10)
clt	54.803 (10)	-0.237 (10)	-0.133 (9)	-0.018 (9)	-0.137 (9)	0.188 (9)

ps	98533.5 (11)	-1.2 (11)	0.4 (10)	1.9 (10)	2.1 (10)	-0.6 (10)
coupled						
tas	287.942 (11)	2.511 (11)	0.692 (11)	2.460 (10)	0.671 (10)	-2.260 (9)
ts	289.541 (4)	2.851 (4)	0.812 (4)	2.804 (4)	0.409 (3)	-3.062 (3)
pr	3.47443E-05 (11)	0.12655E-05 (11)	0.04619E-05 (11)	0.20698E-05 (10)	-0.05073E-05 (10)	-0.21488E-05 (9)
prc	2.12036E-05 (11)	0.08095E-05 (11)	0.03125E-05 (11)	0.11593E-05 (10)	-0.05582E-05 (10)	-0.14696E-05 (9)
huss	0.00973659 (9)	0.00027517 (9)	0.00036842 (9)	0.00155800 (8)	0.00047317 (9)	0.00118848 (8)
hurs	75.9993 (9)	-2.8860 (9)	-0.0385 (9)	0.0034 (8)	0.3712 (9)	0.1386 (8)
prw	24.8998 (11)	4.4557 (11)	1.2319 (11)	4.9351 (10)	1.5500 (10)	-3.3829 (9)
evspsbl	2.84365E-05 (11)	0.09808E-05 (11)	0.04194E-05 (11)	0.20626E-05 (10)	-0.02473E-05 (10)	-0.21406E-05 (9)
uas	-0.419113 (11)	0.027759 (11)	0.006887 (11)	0.016164 (10)	0.009095 (10)	-0.006817 (9)
vas	0.104222 (11)	0.006013 (11)	-0.001136 (11)	-0.002640 (10)	0.047582 (10)	-0.062206 (9)
clt	54.3323 (10)	-0.4712 (10)	-0.1894 (10)	-0.2585 (9)	-0.1122 (9)	0.6490 (8)
ps	98536.7 (11)	21.9 (11)	6.9 (11)	29.6 (10)	8.5 (10)	-23.2 (9)

Table 5: Global and annual mean short wave (SW) radiative fluxes (rsdt – downward SW radiative fluxes at top of the atmosphere , rsut - upward SW radiative fluxes at top of the atmosphere, rsds – downward SW radiative fluxes at surface, rsus - upward SW radiative fluxes at surface) *(no separate upward and downward fluxes for IPSL-CM5A-LR available).

Model	Base	co2x2	ch4x3	solar	bcx10	sulx5
FSST:						
rsdt						
CanESM2	341.279	341.279	341.279	348.105	341.279	341.279
ECHAM-HAM	340.419	340.419	NA	NA	340.419	340.419
GISS-E2-R	341.571	341.571	341.571	348.403	341.571	341.571
HadGEM2	341.4	341.4	341.4	348.228	341.4	341.4
HadGEM3	341.4	341.4	341.4	348.228	341.4	341.4
MIROC-SPRINTARS	341.748	341.748	341.748	348.583	341.748	341.748
MPI-ESM	340.563	340.563	340.563	347.375	NA	NA
NCAR-CESM1-CAM4	341.357	341.357	341.357	348.109	341.357	341.357
NCAR-CESM1-CAM5	340.395	340.395	340.395	347.203	340.395	340.395
NorESM1	340.328	340.328	340.328	347.135	340.328	340.328
rsut						

CanESM2	100.397	99.6752	99.8788	102.484	96.791	104.22
ECHAM-HAM	102.017	101.262	NA	NA	99.5867	104.899
GISS-E2-R	100.644	100.184	100.419	102.488	98.7821	103.719
HadGEM2	97.3517	97.0016	97.1594	99.4303	95.4207	101.879
HadGEM3	100.841	99.6877	100.266	102.507	99.5409	110.282
MIROC-SPRINTARS	106.207	105.477	106.055	108.235	105.108	109.57
MPI-ESM	100.751	99.9332	100.578	102.973	NA	NA
NCAR-CESM1-CAM4	102.198	101.326	101.863	104.228	100.343	104.487
NCAR-CESM1-CAM5	101.575	100.704	101.392	103.457	100.296	105.389
NorESM1	106.165	105.635	105.851	108.302	103.582	110.138
rsds						
CanESM2	191.921	191.947	190.871	195.071	183.574	188.079
ECHAM-HAM	186.649	186.916	NA	NA	178.732	183.759
GISS-E2-R	193.477	193.614	193.578	197.271	189.483	190.095

HadGEM2	196.408	196.033	196.449	199.689	193.199	191.417
HadGEM3	195.113	195.635	195.632	199.029	193.164	184.613
MIROC-SPRINTARS	186.214	186.506	185.785	189.776	183.276	182.843
MPI-ESM	185.354	185.808	184.936	188.426	NA	NA
NCAR-CESM1-CAM4	185.157	185.723	185.488	188.433	180.651	182.893
NCAR-CESM1-CAM5	183.351	183.533	182.941	186.635	180.649	178.965
NorESM1	181.629	181.77	181.819	184.804	177.388	177.684
rsus						
CanESM2	27.2944	27.1301	27.054	27.5672	25.796	26.9064
ECHAM-HAM	24.7876	24.6782	NA	NA	23.7561	24.5798
GISS-E2-R	22.664	22.4388	22.5542	22.9525	22.0979	22.4093
HadGEM2	24.2767	24.1047	24.2436	24.5691	23.7137	23.8298
HadGEM3	25.1567	25.0128	25.1167	25.5193	24.7884	24.3023
MIROC-SPRINTARS	23.6934	23.531	23.6212	24.0699	23.3365	23.5034

MPI-ESM	22.9107	22.8277	22.8141	23.1684	NA	NA
NCAR-CESM1-CAM4	22.717	22.504	22.7164	22.9532	22.1347	22.574
NCAR-CESM1-CAM5	23.5753	23.2339	23.4393	23.7662	22.8744	23.2734
NorESM1	22.9879	22.7347	22.891	23.1952	22.2927	22.803
Coupled:		rsdt				
CanESM2	341.279	341.279	341.279	348.105	341.279	341.279
ECHAM-HAM	340.387	340.42	340.42	NA	340.387	NA
GISS-E2-R	341.571	341.571	341.571	348.403	341.571	341.571
HadGEM2	341.400	341.400	341.400	348.228	341.400	341.400
HadGEM3	341.400	341.400	341.400	348.228	341.400	341.400
MIROC-SPINTARS	341.747	341.747	341.747	348.582	341.747	341.747
MPI-ESM	340.564	340.564	340.564	347.375	NA	NA
NCAR-CESM1-CAM4	341.357	341.357	341.357	348.109	341.357	341.357
NCAR-CESM1-CAM5	340.422	340.422	340.422	347.23	340.422	340.422

NorESM1	340.328	340.328	340.328	347.135	340.328	340.328
rsut						
CanESM2	100.773	98.7659	100.144	101.391	96.6623	106.753
ECHAM-HAM	101.560	99.1295	101.392	NA	99.3234	NA
GISS-E2-R	100.713	101.117	100.665	103.551	99.0400	103.219
HadGEM2	97.8977	95.5449	97.2198	98.9283	93.8448	104.384
HadGEM3	97.3389	91.4093	95.2938	93.0231	95.1160	116.686
MIROC-SPRINTARS	107.367	106.378	107.062	109.233	106.417	111.043
MPI-ESM	100.465	99.8750	100.404	102.946	NA	NA
NCAR-CESM1-CAM4	101.227	98.6404	100.319	101.863	99.3899	104.065
NCAR-CESM1-CAM5	99.3527	96.8921	98.8093	99.6397	98.1819	104.081
NorESM1	105.834	104.271	105.311	107.202	103.352	110.175
rsds						
CanESM2	191.929	189.421	191.077	192.200	182.916	189.923

ECHAM-HAM	187.007	185.109	185.887	NA	178.184	NA
GISS-E2-R	192.910	191.020	192.603	194.485	188.542	191.168
HadGEM2	196.333	194.266	195.710	196.808	187.624	193.999
HadGEM3	196.437	197.070	196.843	200.655	194.594	185.690
MIROC-SPRINTARS	187.417	185.827	186.649	188.794	184.162	185.729
MPI-ESM	185.994	183.441	184.802	186.133	NA	NA
NCAR-CESM1-CAM4	184.046	182.589	183.535	185.061	179.081	183.126
NCAR-CESM1-CAM5	184.504	183.098	183.793	186.043	181.587	180.910
NorESM1	184.307	182.724	183.814	185.392	179.137	182.546
rsus						
CanESM2	27.6643	25.6649	27.0997	26.0028	25.5425	29.6400
ECHAM-HAM	24.7829	23.1342	24.4095	NA	23.6312	NA
GISS-E2-R	22.3171	21.6485	22.1576	22.1411	21.7346	22.5837
HadGEM2	24.7250	22.8728	24.1850	23.5154	22.6742	26.7774

HadGEM3	24.6560	23.0273	24.0693	23.3117	24.0232	27.9861
MIROC-SPRINTARS	23.8061	22.8578	23.5905	23.3246	23.2938	24.5506
MPI-ESM	22.9982	21.8968	22.6399	22.3300	NA	NA
NCAR-CESM1-CAM4	22.1397	20.1232	21.3983	20.6997	21.3953	22.919
NCAR-CESM1-CAM5	23.1401	21.5208	22.7246	22.0276	22.4320	23.5814
NorESM1	24.3544	22.5772	23.7468	23.1075	23.2105	25.618

Table 6: Global and annual mean model long wave (LW) radiative fluxes (rlut – upward LW radiative fluxes at top of the atmosphere, rlds – downward LW radiative fluxes at surface, rlus - upward LW radiative fluxes at surface) *(no separate upward and downward fluxes for IPSL-CM5A-LR available).

Model	Base	co2x2	ch4x3	solar	bcx10	sulx5
FSST:						
rlut						
CanESM2	240.23	237.38	239.387	240.875	242.285	239.653
ECHAM-HAM	237.968	234.116	NA	NA	239.144	237.431
GISS-E2-R	240.264	236.659	239.147	240.767	240.891	239.983
HadGEM2	242.92	239.903	242.132	243.472	243.661	242.409
HadGEM3	238.544	236.053	237.724	239.349	239.149	237.367
MIROC-SPINTARS	235.625	232.730	234.997	236.286	236.095	235.035
MPI-ESM	238.949	235.628	238.172	239.422	NA	NA
NCAR-CESM1-CAM4	233.148	230.397	232.215	233.759	234.236	232.896
NCAR-CESM1-CAM5	233.648	230.440	232.969	234.331	234.511	231.937
NorESM1	234.134	231.169	233.205	234.793	235.313	233.954
rlds						
CanESM2	331.255	333.436	332.631	332.65	334.259	330.711

ECHAM-HAM	348.567	351.151	NA	NA	350.399	347.985
GISS-E2-R	348.926	351.098	349.594	349.686	349.889	348.724
HadGEM2	333.277	335.435	333.900	334.330	334.258	332.945
HadGEM3	337.561	339.560	338.241	338.436	338.199	338.241
MIROC-SPRINTARS	345.46	347.808	346.064	346.303	346.06	345.205
MPI-ESM	345.998	348.420	346.709	346.986	NA	NA
NCAR-CESM1-CAM4	338.989	341.345	339.798	339.910	340.163	338.301
NCAR-CESM1-CAM5	343.665	346.500	344.346	344.700	344.572	344.47
NorESM1	342.273	344.607	343.301	343.501	343.682	341.393
plus						
CanESM2	391.370	392.394	391.788	392.112	391.921	390.505
ECHAM-HAM	400.179	401.226	NA	NA	400.132	399.571
GISS-E2-R	405.454	406.552	405.794	405.900	405.657	405.069
HadGEM2	395.679	396.79	395.812	396.326	395.886	395.028

HadGEM3	397.220	398.582	397.597	397.919	397.405	396.571
MIROC-SPRINTARS	398.466	399.552	398.640	398.978	398.452	398.036
MPI-ESM	399.422	400.539	399.634	399.934	NA	NA
NCAR-CESM1-CAM4	397.495	398.741	397.759	398.035	397.601	396.921
NCAR-CESM1-CAM5	396.031	397.577	396.241	396.711	396.476	395.996
NorESM1	400.610	401.611	400.992	401.436	400.851	399.979
Coupled:		rlut				
CanESM2	240.350	241.430	240.819	245.608	244.222	235.253
ECHAM-HAM	238.495	240.512	238.506	NA	240.75	NA
GISS-E2-R	240.370	238.915	239.945	243.412	241.819	238.483
HadGEM2	243.088	244.369	243.530	247.961	246.811	237.728
HadGEM3	243.326	247.848	244.935	252.886	245.389	226.602
MIROC-SPRINTARS	233.321	233.148	233.423	237.173	234.211	230.330
MPI-ESM	239.156	238.833	239.147	242.761	NA	NA

NCAR-CESM1-CAM4	238.004	240.669	238.908	244.099	239.845	235.141
NCAR-CESM1-CAM5	237.004	238.448	237.350	242.579	238.053	232.725
NorESM1	232.083	232.680	232.290	236.564	234.329	228.685
rlds						
CanESM2	331.319	348.782	335.325	350.167	340.97	316.261
ECHAM-HAM	349.541	368.349	353.184	NA	353.919	NA
GISS-E2-R	350.238	361.201	353.279	360.062	353.655	343.873
HadGEM2	333.152	350.613	338.504	349.759	345.381	317.861
HadGEM3	349.983	374.186	357.821	377.498	354.719	312.522
MIROC-SPRINTARS	337.310	348.163	339.774	347.287	338.893	330.339
MPI-ESM	344.526	359.536	348.189	357.829	NA	NA
NCAR-CESM1-CAM4	352.649	373.388	359.863	371.250	356.253	343.372
NCAR-CESM1-CAM5	349.807	366.348	353.400	364.752	351.197	344.016
NorESM1	334.851	348.311	339.373	347.832	339.648	324.626

rlus						
CanESM2	391.334	405.551	394.502	407.161	398.124	377.469
ECHAM-HAM	401.484	416.538	404.048	NA	403.488	NA
GISS-E2-R	406.403	414.363	408.597	413.831	408.509	401.306
HadGEM2	395.657	409.564	399.786	409.187	404.196	381.949
HadGEM3	408.589	428.938	415.020	431.883	412.293	374.003
MIROC-SPRINTARS	393.963	401.861	395.571	401.730	394.724	387.896
MPI-ESM	398.650	409.828	401.205	409.059	NA	NA
NCAR-CESM1-CAM4	409.534	426.480	415.220	424.866	411.656	401.753
NCAR-CESM1-CAM5	402.639	415.796	405.351	414.976	403.434	396.756
NorESM1	394.921	405.397	398.313	405.519	398.068	386.500

Table 7: Global and annual mean surface fluxes of sensible heat (hfss) and latent heat (hfls) *(for IPSL-CM5A-LR data available only for hfss).

Model	Base	co2x2	ch4x3	solar	bcx10	sulx5
FSST:						
			hfss			
CanESM2	24.5302	24.0364	24.1017	24.2387	22.2035	24.4189

ECHAM-HAM	23.3937	22.8944	NA	NA	21.1307	23.3985
GISS-E2-R	19.2932	19.6324	19.0871	19.3217	17.889	18.9304
HadGEM2	18.3718	18.251	18.2405	18.3667	17.6989	18.2715
HadGEM3	18.6489	18.8882	18.596	18.7832	18.1414	18.2214
IPSL-CM5A-LR	23.107	23.1467	23.059	23.2637	21.942	22.6869
MIROC-SPRINTARS	14.7657	14.7389	14.6435	14.8492	13.9654	14.586
MPI-ESM	24.7015	24.2622	24.4555	24.55	NA	NA
NCAR-CESM1-CAM4	17.5531	17.7734	17.4900	17.6358	16.2234	17.2875
NCAR-CESM1-CAM5	17.2587	17.5862	17.1149	17.2526	16.5866	17.1303
NorESM1	18.4595	18.2454	18.3853	18.5952	17.0395	18.2575
hfls						
CanESM2	79.2433	77.5267	78.4585	78.9669	75.6298	79.4656
ECHAM-HAM	86.3195	84.0711	NA	NA	82.2927	85.9568
GISS-E2-R	93.6866	90.7557	93.1047	93.0157	91.1939	93.9021

HadGEM2	89.3718	86.9967	89.0947	88.5805	86.9941	89.2541
HadGEM3	88.7126	86.1571	88.2342	87.9556	87.4185	89.0617
MIROC-SPRINTARS	94.4902	92.6133	93.8957	93.7644	92.6716	94.4217
MPI-ESM	83.3036	81.4531	82.7636	82.6018	NA	NA
NCAR-CESM1-CAM4	81.6866	79.6927	81.3661	80.9562	79.3876	81.7494
NCAR-CESM1-CAM5	87.4054	84.8591	86.9005	86.7048	86.1361	86.3956
NorESM1	83.1197	81.5251	82.9154	82.4039	80.7555	83.1339
Coupled:		hfss				
CanESM2	24.5571	23.1556	24.1591	23.3398	22.2206	25.4045
ECHAM-HAM	23.4666	22.7011	23.2072	NA	21.4049	NA
GISS-E2-R	18.8777	18.7263	18.5422	18.4749	17.5001	18.9194
HadGEM2	18.5235	17.9027	18.2183	17.9025	16.9999	19.1407
HadGEM3	18.1570	17.8099	17.8613	17.8572	17.5862	19.1682
IPSL-CM5A-LR	23.2497	22.6782	22.9350	22.7416	22.1539	23.3385

MIROC-SPRINTARS	14.3582	14.0427	14.1753	14.2237	13.5839	14.4513
MPI-ESM	24.8059	23.8948	24.5291	24.2395	NA	NA
NCAR-CESM1-CAM4	17.4571	17.0137	17.1519	16.9624	16.1309	17.5335
NCAR-CESM1-CAM5	17.0846	16.6764	16.8743	16.4078	16.4013	17.1939
NorESM1	18.692	18.3303	18.5301	18.4805	17.2754	18.7084
hfls						
CanESM2	79.4254	82.7272	80.2245	84.6968	77.5339	74.2227
ECHAM-HAM	86.4752	90.2696	86.7815	NA	83.2206	NA
GISS-E2-R	94.4444	95.3831	95.019	98.0726	93.1292	91.7209
HadGEM2	89.3158	92.3595	90.5668	93.9023	87.6332	83.7318
HadGEM3	93.4500	98.6532	95.7633	102.099	93.7147	77.8495
MIROC-SPRINTARS	91.3790	92.9131	91.6695	94.5117	90.1756	88.584
MPI-ESM	82.9423	85.3697	83.4426	86.5176	NA	NA
NCAR-CESM1-CAM4	86.8499	91.8083	88.9700	93.2000	85.452	83.4929

NCAR-CESM1-CAM5	89.9840	93.1092	90.6157	95.1396	88.9415	86.3353
NorESM1	80.0746	82.6724	81.1844	84.139	78.8808	76.1281

Table 8: Global and annual mean temperature (tas), precipitation (pr) and evaporation (evapsbl).

Model	Base	co2x2	ch4x3	Solar	bcx10	sulx5
FSST:						
			tas			
CanESM2	286.831	287.063	286.921	286.977	286.991	286.669
ECHAM-HAM	287.872	288.123	NA	NA	287.904	287.734
GISS-E2-R	289.047	289.290	289.134	289.138	289.116	288.975
HadGEM2	286.786	287.040	286.819	286.913	286.856	286.658
HadGEM3	287.297	287.592	287.381	287.431	287.350	287.190
IPSL-CM5A-LR	287.180	287.455	287.280	287.332	287.243	287.066
MIROC-SPRINTARS	288.086	288.314	288.124	288.190	288.108	288.010
MPI-ESM	287.987	288.263	288.037	288.100	NA	NA
NCAR-CESM1-CAM4	287.287	287.565	287.348	287.396	287.357	287.172
NCAR-CESM1-CAM5	286.887	287.248	286.933	287.033	287.017	286.884
NorESM1	287.754	287.990	287.845	287.922	287.876	287.634
			pr			

CanESM2	3.16223E-05	3.09371E-05	3.13117E-05	3.15141E-05	3.01837E-05	3.17109E-05
ECHAM-HAM	3.45861E-05	3.36907E-05	NA	NA	3.29666E-05	3.44372E-05
GISS-E2-R	3.74728E-05	3.63025E-05	3.72425E-05	3.72042E-05	3.64768E-05	3.75605E-05
HadGEM2	3.57253E-05	3.47728E-05	3.56122E-05	3.54076E-05	3.47763E-05	3.56769E-05
HadGEM3	3.55032E-05	3.44809E-05	3.53129E-05	3.52031E-05	3.49798E-05	3.56462E-05
IPSL-CM5A-LR	3.23403E-05	3.13991E-05	3.22884E-05	3.22293E-05	3.17814E-05	3.2286E-05
MIROC-SPRINTARS	3.77968E-05	3.70448E-05	3.75593E-05	3.75057E-05	3.70697E-05	3.77699E-05
MPI-ESM	3.33563E-05	3.26192E-05	3.31428E-05	3.30773E-05	NA	NA
NCAR-CESM1-CAM4	3.26543E-05	3.18571E-05	3.2525E-05	3.23622E-05	3.17346E-05	3.26797E-05
NCAR-CESM1-CAM5	3.49612E-05	3.39425E-05	3.47596E-05	3.46811E-05	3.44535E-05	3.45569E-05
NorESM1	3.32286E-05	3.25906E-05	3.31448E-05	3.29393E-05	3.22824E-05	3.3231E-05
evspsbl						
CanESM2	3.16221E-05	3.09388E-05	3.13118E-05	3.15149E-05	3.01851E-05	3.1712E-05

ECHAM-HAM	-3.44997E-05	-3.36001E-05	0	0	-3.28898E-05	-3.43531E-05
GISS-E2-R	3.74746E-05	3.63023E-05	3.72419E-05	3.72063E-05	3.64775E-05	3.75608E-05
HadGEM2	3.56996E-05	3.47509E-05	3.55885E-05	3.53839E-05	3.47517E-05	3.5652E-05
HadGEM3	3.53235E-05	3.42927E-05	3.51299E-05	3.50151E-05	3.48085E-05	3.5471E-05
IPSL-CM5A-LR	3.23349E-05	3.1394E-05	3.22833E-05	3.22228E-05	3.17748E-05	3.22797E-05
MIROC-SPRINTARS	3.77961E-05	3.70453E-05	3.75583E-05	3.75058E-05	3.70686E-05	3.77687E-05
MPI-ESM	3.32933E-05	3.25536E-05	3.30774E-05	3.30123E-05	0	0
NCAR-CESM1-CAM4	3.26547E-05	3.1857E-05	3.25263E-05	3.23624E-05	3.17357E-05	3.26797E-05
NCAR-CESM1-CAM5	3.49622E-05	3.39436E-05	3.47602E-05	3.46819E-05	3.44544E-05	3.45583E-05
NorESM1	3.32268E-05	3.2589E-05	3.3145E-05	3.29405E-05	3.22819E-05	3.32327E-05
Coupled:						
CanESM2	286.815	289.514	287.415	289.760	288.121	284.101
ECHAM-HAM	288.148	291.068	288.651	NA	288.564	NA

GISS-E2-R	289.227	290.713	289.643	290.574	289.624	288.297
HadGEM2	286.745	289.479	287.542	289.299	288.408	284.021
HadGEM3	289.413	293.144	290.608	293.617	290.11	282.793
IPSL-CM5A-LR	287.355	289.922	288.412	290.277	288.109	285.423
MIROC-SPRINTARS	287.403	288.865	287.700	288.815	287.562	286.233
MPI-ESM	287.847	290.055	288.348	289.840	NA	NA
NCAR-CESM1-CAM4	289.522	292.734	290.608	292.393	289.963	288.046
NCAR-CESM1-CAM5	288.179	290.717	288.702	290.508	288.379	287.057
NorESM1	286.689	288.750	287.362	288.717	287.362	285.042
pr						
CanESM2	3.17034E-05	3.3013E-05	3.20217E-05	3.38032E-05	3.09441E-05	2.96299E-05
ECHAM-HAM	3.46344E-05	3.61768E-05	3.47661E-05	NA	3.33335E-05	NA
GISS-E2-R	3.7776E-05	3.81516E-05	3.80066E-05	3.92273E-05	3.72503E-05	3.66872E-05

HadGEM2	3.57037E-05	3.69209E-05	3.62048E-05	3.75389E-05	3.5036E-05	3.34685E-05
HadGEM3	3.74147E-05	3.95219E-05	3.83492E-05	4.09061E-05	3.7526E-05	3.11296E-05
IPSL-CM5A-LR	3.25155E-05	3.4007E-05	3.35243E-05	3.54076E-05	3.25205E-05	3.03604E-05
MIROC-SPRINTARS	3.65511E-05	3.71644E-05	3.66677E-05	3.7804E-05	3.60696E-05	3.54331E-05
MPI-ESM	3.32097E-05	3.41989E-05	3.34121E-05	3.46553E-05	NA	NA
NCAR-CESM1-CAM4	3.4718E-05	3.67025E-05	3.55661E-05	3.72588E-05	3.41592E-05	3.33738E-05
NCAR-CESM1-CAM5	3.59932E-05	3.72428E-05	3.62457E-05	3.80553E-05	3.55748E-05	3.45328E-05
NorESM1	3.20053E-05	3.3045E-05	3.24495E-05	3.36322E-05	3.15288E-05	3.04267E-05
evspsbl						
CanESM2	3.17047E-05	3.30149E-05	3.20228E-05	3.38047E-05	3.09458E-05	2.96314E-05
ECHAM-HAM ¹	-3.45569E-05	-3.60825E-05	-3.46809E-05	NA	-3.32566E-05	NA
GISS-E2-R	3.77778E-05	3.81532E-05	3.80076E-05	3.9229E-05	3.72517E-05	3.66884E-05
HadGEM2	3.56793E-05	3.69022E-05	3.6181E-05	3.75193E-05	3.50142E-05	3.3441E-05

HadGEM3	3.72122E-05	3.92635E-05	3.81299E-05	4.06388E-05	3.73168E-05	3.10029E-05
IPSL-CM5A-LR	3.25095E-05	3.40017E-05	3.3518E-05	3.54017E-05	3.25151E-05	3.0354E-05
MIROC-SPRINTARS	3.65516E-05	3.71652E-05	3.66678E-05	3.78047E-05	3.60702E-05	3.54336E-05
MPI-ESM	3.31474E-05	3.41203E-05	3.33474E-05	3.45798E-05	NA	NA
NCAR-CESM1-CAM4	3.47182E-05	3.67029E-05	3.55666E-05	3.72592E-05	3.41597E-05	3.33746E-05
NCAR-CESM1-CAM5	3.59936E-05	3.72437E-05	3.62463E-05	3.80558E-05	3.55766E-05	3.45341E-05
NorESM1	3.20058E-05	3.30463E-05	3.24501E-05	3.36328E-05	3.15293E-05	3.04273E-05

¹Sign convention downward and opposite to the other models.

Table 9: Global and annual mean surface specific humidity (huss), surface relative humidity (hurs) and surface pressure (ps) *(no data for HadGEM3, IPSL-CM5A-LR or MPI-ESM for huss and hurs or for GISS-E2-R for hurs available).

Model	Base	co2x2	ch4x3	solar	bcx10	sulx5
FSST:						
huss						
CanESM2	0.0108174	0.0109222	0.0108862	0.0109264	0.0109977	0.0107351
ECHAM-HAM	0.00973237	0.000480334	NA	NA	0.00994605	0.000459508
GISS-E2-R	0.0103356	0.0104055	0.010386	0.0104347	0.0104573	0.010301
HadGEM2	0.00942607	0.00950126	0.00944788	0.00950271	0.00950966	0.00935587
HadGEM3	0.00968408	0.00975506	0.00971379	0.00975815	0.00974466	0.00961521
MIROC-SPRINTARS	0.0095515	0.00966087	0.00958157	0.00962288	0.0096225	0.00950136
NCAR-CESM1-CAM4	0.0103413	0.0104265	0.0103739	0.0104230	0.0104741	0.0103025
NCAR-CESM1-CAM5	0.0101312	0.0102439	0.0101700	0.0102256	0.0102117	0.0101222
NorESM1	0.0104680	0.0105713	0.0105107	0.0105529	0.0106268	0.0104235
hurs						
CanESM2	81.6849	81.6436	81.8197	81.8531	82.1673	81.7371

ECHAM-HAM	75.1505	52.9309	NA	NA	76.1054	53.151
GISS-E2-R	73.8098	73.3826	57.1948	57.2251	56.7608	57.2404
HadGEM2	76.0549	75.7514	76.05	76.1426	76.2968	76.0292
HadGEM3	76.3749	76.007	76.3386	76.4615	76.5727	76.2425
MIROC-SPRINTARS	77.6667	77.6560	77.7211	77.7725	77.9176	77.7079
NCAR-CESM1-CAM4	79.3237	79.0583	79.3086	79.4305	79.7845	79.4373
NCAR-CESM1-CAM5	78.8029	78.4697	78.8635	78.8974	78.9353	78.7192
NorESM1	78.2522	78.2889	78.2737	78.2968	78.7279	78.3777
ps						
CanESM2	98459.5	98459.5	98459.5	98459.5	98459.5	98459.5
ECHAM-HAM	98549.5	98549.5	NA	NA	98549.5	98549.5
GISS-E2-R	98400.0	98400.0	98400.0	98400.0	98400.0	98400.0
HadGEM2	98571.7	98547.7	98571.4	98577.4	98577.3	98569.9
HadGEM3	98521.7	98522.8	98522.1	98523.6	98523.2	98521.1

IPSL-CM5A-LR	98507.9	98507.9	98507.9	98507.9	98507.9	98507.9
MIROC-SPRINTARS	98681.1	98683.7	98682.2	98683.5	98683.0	98679.5
MPI-ESM	98549.5	98549.5	98549.5	98549.5	NA	NA
NCAR-CESM1-CAM4	98540.7	98542.8	98541.2	98543.4	98545	98539.1
NCAR-CESM1-CAM5	98541.1	98543.8	98542.2	98544.2	98543.5	98542.6
NorESM1	98545.8	98548.0	98546.7	98548.7	98550.8	98544.2
Coupled: huss						
CanESM2	0.0108253	0.012484	0.0111923	0.0127602	0.0117104	0.00941662
ECHAM-HAM	0.00978844	0.000660703	0.000508378	NA	0.010218	NA
GISS-E2-R	0.0104758	0.0113921	0.0107693	0.0114691	0.0108607	0.00986659
HadGEM2	0.00940126	0.0108415	0.00983116	0.0108477	0.0104366	0.008123
HadGEM3	0.0108608	0.0131689	0.0115872	0.0136404	0.0113207	0.00745885
MIROC-SPRINTARS	0.00885048	0.00969032	0.00903528	0.00971649	0.00899332	0.00828575
NCAR-CESM1-CAM4	0.0116061	0.0135063	0.0122476	0.0134393	0.011976	0.010774

NCAR-CESM1-CAM5	0.0106531	0.0121362	0.0109614	0.0121408	0.0107819	0.0100384
NorESM1	0.00982093	0.0108788	0.0101551	0.0109438	0.0102433	0.00902274
hurs						
CanESM2	81.6846	81.5408	81.7039	81.6680	81.9357	81.7209
ECHAM-HAM	74.7892	51.1607	52.3582	NA	75.6555	NA
GISS-E2-R	74.0169	73.6512	74.1027	74.2865	74.4345	73.9458
	75.9867	75.6327	75.9835	75.9990	76.5551	76.1450
HadGEM2						
HadGEM3	75.8989	75.3796	75.8563	75.701	76.0512	76.1801
MIROC-SPRINTARS	77.4895	77.5379	77.5634	77.6269	77.7085	77.6053
NCAR-CESM1-CAM4	78.6925	78.3764	78.6453	78.655	79.0629	78.8309
NCAR-CESM1-CAM5	78.1502	77.7451	78.1667	78.1681	78.3193	78.2995
NorESM1	78.3035	78.014	78.2314	78.1451	78.6304	78.6043
ps						
CanESM2	98459.5	98459.5	98459.5	98459.5	98459.5	98459.5

ECHAM-HAM	98549.5	98549.5	98549.5	NA	98549.5	NA
GISS-E2-R	98400.0	98400.0	98400.0	98400.0	98400.0	98400.0
HadGEM2	98571.5	98592.4	98584.8	98623.4	98610.1	98530.8
HadGEM3	98553.4	98616.8	98572.9	98632.8	98566.1	98468.8
IPSL-CM5A-LR	98507.9	98507.9	98507.9	98507.9	98507.9	98507.9
MIROC-SPRINTARS	98654.8	98679.9	98660.6	98682.4	98658.8	98637.8
MPI-ESM	98549.5	98549.5	98549.5	98549.5	NA	NA
NCAR-CESM1-CAM4	98578.6	98634.6	98597.2	98635.3	98590.8	98553.2
NCAR-CESM1-CAM5	98554.0	98598.4	98563.2	98600.1	98557.9	98537.3
NorESM1	98525.0	98555.6	98534.3	98559.6	98537.9	98500.9

Table 10: Global and annual mean convective precipitation (prc), total water vapour path (prw) and total clouds fraction (clt) *(no data available for clt for NCAR-CESM1-CAM5).

Model	Base	co2x2	ch4x3	solar	bcx10	sulx5
FSST:	prc					
CanESM2	1.71352E-05	1.64252E-05	1.68632E-05	1.67095E-05	1.55615E-05	1.71255E-05
ECHAM-HAM	2.31071E-05	2.25500E-05	NA	NA	2.17360E-05	2.31544E-05
GISS-E2-R	1.54053E-05	1.46421E-05	1.52638E-05	1.5338E-05	1.49784E-05	1.54573E-05
HadGEM2	2.65900E-05	2.58253E-05	2.64839E-05	2.62637E-05	2.57411E-05	2.66595E-05
HadGEM3	2.58621E-05	2.51099E-05	2.57297E-05	2.55645E-05	2.53924E-05	2.62621E-05
IPSL-CM5A-LR	1.577E-05	1.50753E-05	1.58122E-05	1.55162E-05	1.51423E-05	1.5711E-05
MIROC-SPRINTARS	1.91754E-05	1.85898E-05	1.90625E-05	1.8925E-05	1.86375E-05	1.92122E-05
MPI-ESM	2.14407E-05	2.10326E-05	2.12855E-05	2.11351E-05	NA	NA
NCAR-CESM1-CAM4	2.00028E-05	1.94081E-05	1.99574E-05	1.97261E-05	1.92848E-05	2.00918E-05
NCAR-CESM1-CAM5	2.47768E-05	2.38728E-05	2.45822E-05	2.44632E-05	2.43848E-05	2.42824E-05

NorESM1	2.0252E-05	1.98248E-05	2.02231E-05	1.99737E-05	1.95077E-05	2.02893E-05
prw						
CanESM2	22.0316	22.2118	22.2406	22.4226	22.9974	21.9291
ECHAM-HAM	26.4815	26.7192	NA	NA	27.1795	26.1699
GISS-E2-R	24.8819	24.9769	24.9247	25.1374	25.2092	24.8058
HadGEM2	22.1737	22.3415	22.2199	22.4452	22.5781	21.9642
HadGEM3	23.3195	23.4427	23.3570	23.5266	23.4863	23.2536
IPSL-CM5A-LR	23.8062	24.0922	23.8768	24.1036	24.1751	23.7173
MIROC-SPRINTARS	25.1178	25.3765	25.2287	25.3605	25.3126	24.9516
MPI-ESM	24.8185	25.0085	24.9318	25.1514	NA	NA
NCAR-CESM1-CAM4	25.5186	25.7388	25.5776	25.7947	25.9599	25.3599
NCAR-CESM1-CAM5	25.5611	25.8377	25.6739	25.8723	25.8052	25.7154
NorESM1	26.0323	26.2570	26.1253	26.3353	26.5437	25.8762
clt						

CanESM2	61.3707	61.0170	61.3299	61.4366	61.2881	61.4543
ECHAM-HAM	68.1140	68.0835	NA	NA	67.9488	68.7870
GISS-E2-R	61.1801	60.9753	61.2025	60.9372	60.7897	61.3260
HadGEM2	53.4134	52.9951	53.1411	53.3664	53.2067	53.7391
HadGEM3	64.4578	63.8367	64.0835	64.1826	64.2537	65.4084
IPSL-CM5A-LR ²	0.563301	0.555459	0.557646	0.561081	0.548721	0.560251
MIROC-SPRINTARS	67.9063	67.4845	67.6543	67.8368	67.7027	68.0056
MPI-ESM	62.5639	62.1263	62.4602	62.5536	NA	NA
NCAR-CESM1-CAM4	53.8737	53.8525	53.6997	53.9726	53.8599	53.6949
NorESM1	54.3828	54.5275	54.3869	54.6990	54.4313	53.9803
Coupled:		prc				
CanESM2	1.71441E-05	1.71099E-05	1.71637E-05	1.72672E-05	1.58047E-05	1.62659E-05
ECHAM-HAM	2.32743E-05	2.45658E-05	2.34369E-05	NA	2.19775E-05	NA
GISS-E2-R	1.56487E-05	1.60792E-05	1.59216E-05	1.68509E-05	1.56699E-05	1.49625E-05

HadGEM2	2.65747E-05	2.76819E-05	2.69862E-05	2.80504E-05	2.58206E-05	2.47559E-05
HadGEM3	2.76167E-05	2.97472E-05	2.84788E-05	3.07554E-05	2.77035E-05	2.2552E-05
IPSL-CM5A-LR	1.58085E-05	1.54166E-05	1.60711E-05	1.57948E-05	1.53284E-05	1.48065E-05
MIROC-SPRINTARS	1.86237E-05	1.88791E-05	1.86717E-05	1.92116E-05	1.81892E-05	1.79701E-05
MPI-ESM	2.14353E-05	2.21804E-05	2.15659E-05	2.23196E-05	NA	NA
NCAR-CESM1-CAM4	2.15088E-05	2.34320E-05	2.23380E-05	2.34728E-05	2.10562E-05	2.04903E-05
NCAR-CESM1-CAM5	2.59768E-05	2.67069E-05	2.61320E-05	2.72453E-05	2.55668E-05	2.46933E-05
NorESM1	1.96188E-05	2.03356E-05	1.99141E-05	2.05809E-05	1.90962E-05	1.87983E-05
prw						
CanESM2	22.0706	26.4337	23.0428	27.4239	24.7701	18.5632
ECHAM-HAM	26.6229	31.8791	27.5221	NA	28.0920	NA
GISS-E2-R	25.2864	28.1919	26.1468	28.5622	26.5121	23.3467
HadGEM2	22.0892	26.3081	23.3441	26.4987	25.6813	18.4707
HadGEM3	26.8290	33.7774	28.9681	35.5083	28.2153	17.3056

IPSL-CM5A-LR	23.9855	29.4026	26.1232	30.7613	25.7338	20.5977
MIROC-SPRINTARS	22.4424	25.0031	23.0373	25.2564	22.8565	20.7128
MPI-ESM	24.3810	28.3670	25.3090	28.4105	NA	NA
NCAR-CESM1-CAM4	29.3831	35.0944	31.2810	35.1722	30.6293	26.7958
NCAR-CESM1-CAM5	26.8751	31.3946	27.8150	31.5693	27.2740	25.1722
NorESM1	23.9096	27.0351	24.8618	27.4400	25.2296	21.4597
clt						
CanESM2	61.3806	60.8798	61.2690	61.1212	61.2206	61.8058
ECHAM-HAM	67.7080	66.4365	67.5446	NA	67.7254	NA
GISS-E2-R	61.2235	60.9696	61.1473	60.7671	60.7301	61.4082
HadGEM2	53.4756	53.0260	53.2751	53.3282	53.3036	54.2015
HadGEM3	62.8563	60.3150	61.9300	60.0466	62.2705	67.9568
IPSL-CM5A-LR ²	0.562728	0.540701	0.551360	0.541396	0.545345	0.578806
MIROC-SPRINTARS	66.9475	66.8172	66.6980	67.0799	66.7764	66.9870

MPI-ESM	61.9957	61.5089	61.9015	61.9008	NA	NA
NCAR-CESM1-CAM4	53.5781	53.8993	53.6638	54.1168	53.8427	53.1310
NorESM1	53.4607	54.0836	53.5708	54.2525	53.7689	52.6080

²Given as fraction and instead of percent for the other models.

Table 11: Global and annual mean surface wind (uas – eastward component of wind near surface, vas – northward component of wind near surface) *(no data for HadGEM3).

Model	Base	co2x2	ch4x3	solar	bcx10	sulx5
FSST:						
uas						
CanESM2	-0.318887	-0.325403	-0.350715	-0.362922	-0.342252	-0.295077
ECHAM-HAM						
	-0.415027	-0.411805	NA	NA	-0.433618	-0.341212
GISS-E2-R	-0.115321	-0.0977017	-0.123128	-0.131966	-0.108856	-0.111413
HadGEM2	-0.425581	-0.447448	-0.449691	-0.44575	-0.444959	-0.416687
HadGEM3	-0.507254	-0.527202	-0.532581	-0.514609	-0.508329	-0.486282
IPSL-CM5A-LR						
	-0.38111	-0.3716	-0.402953	-0.381525	-0.384531	-0.366221
MIROC-SPINTARS	-0.422892	-0.417349	-0.431603	-0.445379	-0.433842	-0.427896
MPI-ESM	-0.304967	-0.319728	-0.295238	-0.334312	NA	NA
NCAR-CESM1-CAM4						
	-0.774503	-0.769885	-0.779289	-0.766358	-0.771007	-0.766448
NCAR-CESM1-CAM5						
	-0.716762	-0.734564	-0.731939	-0.737274	-0.724175	-0.736305
NorESM1	-0.795219	-0.767405	-0.799911	-0.800474	-0.773451	-0.781614
vas						

CanESM2	0.12938	0.139284	0.136915	0.140016	0.178394	0.11336
ECHAM-HAM	0.259792	0.242133	NA	NA	0.259151	0.228025
GISS-E2-R	0.101552	0.107905	0.10308	0.10655	0.107015	0.09167
HadGEM2	0.158784	0.166602	0.153786	0.167900	0.187103	0.152217
HadGEM3	0.139922	0.142524	0.134165	0.143738	0.139113	0.124674
IPSL-CM5A-LR	0.104631	0.106184	0.105991	0.112479	0.110485	0.0990391
MIROC-SPRINTARS	0.163417	0.156758	0.162596	0.160966	0.175376	0.156932
MPI-ESM	0.145224	0.144366	0.141461	0.153488	NA	NA
NCAR-CESM1-CAM4	0.150636	0.139944	0.146296	0.147556	0.168122	0.131876
NCAR-CESM1-CAM5	0.171376	0.18124	0.169463	0.174421	0.197491	0.162573
NorESM1	0.0837827	0.0767375	0.0783795	0.0871408	0.122416	0.0722404
Coupled:		uas				
CanESM2	-0.311251	-0.274510	-0.307299	-0.297622	-0.292038	-0.292543
ECHAM-HAM	-0.387846	-0.325903	-0.368391	NA	-0.394133	NA

GISS-E2-R	-0.121448	-0.0830688	-0.117303	-0.116326	-0.118782	-0.122148
HadGEM2	-0.402156	-0.360620	-0.382777	-0.359208	-0.371869	-0.365599
HadGEM3	-0.437581	-0.417013	-0.436726	-0.431402	-0.439871	-0.560861
IPSL-CM5A-LR	-0.394003	-0.355178	-0.381136	-0.357037	-0.372088	-0.381248
MIROC-SPRINTARS	-0.449403	-0.411752	-0.435069	-0.421468	-0.443611	-0.439997
MPI-ESM	-0.261968	-0.262325	-0.275034	-0.263285	NA	NA
NCAR-CESM1-CAM4	-0.623458	-0.611285	-0.620882	-0.606634	-0.624729	-0.647036
NCAR-CESM1-CAM5	-0.501289	-0.495068	-0.487274	-0.491769	-0.509293	-0.496316
NorESM1	-0.730819	-0.719149	-0.721405	-0.726981	-0.701889	-0.727008
vas						
CanESM2	0.129612	0.134125	0.133849	0.141698	0.184197	0.031632
ECHAM-HAM	0.251566	0.311382	0.255979	NA	0.325392	NA
GISS-E2-R	0.0999539	0.0930417	0.0938092	0.0963386	0.119065	0.0772974
HadGEM2	0.137630	0.167482	0.132979	0.150599	0.263885	-0.0308942

HadGEM3	0.0241895	0.0405915	0.0277264	0.0385554	0.0509925	-0.0181865
IPSL-CM5A-LR	0.113454	0.0897613	0.0981904	0.0872088	0.12326	0.080934
MIROC-SPRINTARS	0.137257	0.132460	0.135397	0.138947	0.146979	0.081413
MPI-ESM	0.158123	0.159815	0.159453	0.148133	NA	NA
NCAR-CESM1-CAM4	0.00565497	-0.0119216	-0.0094979	-0.0115981	0.0641135	-0.0557006
NCAR-CESM1-CAM5	0.046967	0.0379933	0.0520259	0.0207267	0.0933097	0.00155856
NorESM1	0.0461957	0.0620145	0.0470848	0.0620279	0.0971058	0.0161278

