Hellinger distances CMIP6-reanalysis 1981 -2010

same institute

same institute + significant atmospheric model change

same atmospheric model

reanalysis vs reanalysis

	IPSL.CM6A.LR_r1i1p1f1_	CNRM.CM6.1_r1i1p1f2_	CNRM.ESM2.1_r1i1p1f2_	MPI.ESM1.2.HR__r1i1p1f1	CAMS.CSM1.0__r1i1p1f1	NESM3__r1i1p1f1	NorCPM1_r1i1p1f1_	FGOALS.g3__r1i1p1f1	GFDL.CM4_r1i1p1f1_	GFDL.ESM4_r1i1p1f1_	interim_10d_akima_cubic	ncep_10d	CanESM5_r1i1p1f1_	CanESM5_r1i1p2f1_	NorESM2.LM_r1i1p1f1_	HadGEM3.GC31.LL_r1i1p1f3_	UKESM1.0.LL__r1i1p1f2	EC.Earth3.Veg_r1i1p1f1_	EC.Earth3_r1i1p1f1_	MRI.ESM2.0__r1i1p1f1	CESM2__r1i1p1f1	CESM2.WACCM__r1i1p1f1	BCC.CSM2.MR__r1i1p1f1	MIROC6_r1i1p1f1_	JRA55_10d_akima_cubic	MIROC.ES2L_r1i1p1f2_	FGOALS.f3.L__r1i1p1f1
FGOALS.f3.L__r1i1p1f1	73	69	70	74	68	69	67	66	43	43	62	70	66	67	62	63	64	58	58	56	55	58	68	62	61	72	0
MIROC.ES2L_r1i1p1f2_	69	66	67	68	62	55	59	66	64	63	53	61	52	51	51	58	58	52	53	43	49	51	54	41	49	0	72
JRA55_10d_akima_cubic	57	48	48	50	43	45	45	49	47	47	26	39	42	44	38	43	43	36	36	32	38	41	37	38	0	49	61
MIROC6_r1i1p1f1_	57	51	52	54	47	47	52	55	49	47	38	44	41	41	43	44	43	34	35	36	39	41	41	0	38	41	62
BCC.CSM2.MR__r1i1p1f1	58	51	50	47	37	42	47	51	53	51	37	45	40	42	42	44	45	44	45	38	46	48	0	41	37	54	68
CESM2.WACCM__r1i1p1f1	47	45	46	54	47	50	43	47	46	46	38	45	42	42	31	33	34	35	35	28	16	0	48	41	41	51	58
CESM2__r1i1p1f1	45	42	44	51	44	46	41	44	44	43	35	42	39	40	28	32	32	33	33	27	0	16	46	39	38	49	55
MRI.ESM2.0__r1i1p1f1	49	42	43	49	43	41	40	45	44	44	33	43	37	37	31	35	36	34	33	0	27	28	38	36	32	43	56
EC.Earth3_r1i1p1f1_	53	45	46	52	46	48	51	52	44	41	32	44	42	42	38	36	36	17	0	33	33	35	45	35	36	53	58
EC.Earth3.Veg_r1i1p1f1_	51	44	44	50	45	48	50	51	43	41	31	42	41	41	38	34	35	0	17	34	33	35	44	34	36	52	58
UKESM1.0.LL__r1i1p1f2	35	31	32	37	35	38	37	38	45	43	33	34	32	34	31	18	0	35	36	36	32	34	45	43	43	58	64
HadGEM3.GC31.LL_r1i1p1f3_	34	31	32	36	34	38	37	38	44	43	32	35	33	34	30	0	18	34	36	35	32	33	44	44	43	58	63
NorESM2.LM_r1i1p1f1_	39	33	34	40	35	35	29	37	46	46	33	35	32	34	0	30	31	38	38	31	28	31	42	43	38	51	62
CanESM5_r1i1p2f1_	39	36	36	38	35	32	35	41	49	48	36	34	19	0	34	34	34	41	42	37	40	42	42	41	44	51	67
CanESM5_r1i1p1f1_	36	34	34	35	32	31	32	38	47	47	34	32	0	19	32	33	32	41	42	37	39	42	40	41	42	52	66
ncep_10d	37	33	34	31	33	34	38	41	47	47	25	0	32	34	35	35	34	42	44	43	42	45	45	44	39	61	70
interim_10d_akima_cubic	45	39	39	37	34	36	38	41	42	42	0	25	34	36	33	32	33	31	32	33	35	38	37	38	26	53	62
GFDL.ESM4_r1i1p1f1_	53	50	50	50	47	52	52	53	19	0	42	47	47	48	46	43	43	41	41	44	43	46	51	47	47	63	43
GFDL.CM4_r1i1p1f1_	55	50	51	51	48	52	52	54	0	19	42	47	47	49	46	44	45	43	44	44	44	46	53	49	47	64	43
FGOALS.g3__r1i1p1f1	37	34	34	36	35	36	34	0	54	53	41	41	38	41	37	38	38	51	52	45	44	47	51	55	49	66	66
NorCPM1_r1i1p1f1_	36	33	33	35	33	31	0	34	52	52	38	38	32	35	29	37	37	50	51	40	41	43	47	52	45	59	67
NESM3__r1i1p1f1	39	33	32	29	28	0	31	36	52	52	36	34	31	32	35	38	38	48	48	41	46	50	42	47	45	55	69
CAMS.CSM1.0__r1i1p1f1	38	33	33	26	0	28	33	35	48	47	34	33	32	35	35	34	35	45	46	43	44	47	37	47	43	62	68
MPI.ESM1.2.HR__r1i1p1f1	32	31	31	0	26	29	35	36	51	50	37	31	35	38	40	36	37	50	52	49	51	54	47	54	50	68	74
CNRM.ESM2.1_r1i1p1f2_	30	15	0	31	33	32	33	34	51	50	39	34	34	36	34	32	32	44	46	43	44	46	50	52	48	67	70
CNRM.CM6.1_r1i1p1f2_	29	0	15	31	33	33	33	34	50	50	39	33	34	36	33	31	31	44	45	42	42	45	51	51	48	66	69
IPSL.CM6A.LR_r1i1p1f1_	0	29	30	32	38	39	36	37	55	53	45	37	36	39	39	34	35	51	53	49	45	47	58	57	57	69	73

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