

Spatial correlation of bias over HK from 1979-2014 climatology

Annual

tas normalized bias	-0.34	0.16	-0.43	-0.12	0.1	-0.11	0.11	-0.74	-1	-0.66	-0.41	-0.64	-0.24	-0.26	-0.13	-0.27	-0.85	0.29	-0.06	-0.26	-0.15	-0.42	0.13	-0.43	-0.31	-0.22
tas bias / snc bias	-0.62	-0.2	-0.15	-0.14	-0.22	-0.13	-0.24	-0.47	-0.5	-0.47	-0.26	-0.53	-0.52	-0.49	0.01	0.28	-0.66	-0.51	-0.57	-0.21	-0.47	-0.2	-0.25	-0.28	-0.17	-0.11
tas bias / pr bias	-0.68	0.2	-0.15	-0.3	-0.32	-0.38	-0.26	-0.2	0.16	-0.21	-0.37	-0.46	-0.42	-0.53	-0.04	0.02	-0.24	0	-0.45	-0.5	-0.65	-0.15	-0.27	-0.55	-0.57	-0.03
snc bias / pr bias	0.47	0.57	0.56	-0.46	0.09	-0.38	0.03	-0.14	-0.47	-0.08	0.46	-0.17	-0.17	-0.07	0.58	0.24	0.11	0.33	0.26	-0.01	0.34	-0.47	0.04	-0.03	0.03	0.5
tas bias / elevation	-0.38	0.6	-0.43	-0.45	0.19	-0.44	0.17	-0.65	-0.9	-0.65	-0.1	-0.67	-0.4	-0.32	-0.12	-0.15	-0.6	0.38	-0.51	-0.57	-0.27	-0.54	0.1	-0.58	-0.48	-0.26
snc bias / elevation	0.73	0.32	0.57	0.57	0.39	0.57	0.37	0.64	0.69	0.65	0.46	0.78	0.64	0.58	0.45	0.16	0.56	0.22	0.57	0.48	0.33	0.63	0.32	0.6	0.55	0.5
pr bias / elevation	0.51	0.65	0.42	-0.12	0.52	-0.06	0.52	0.17	-0.37	0.2	0.57	0.05	-0.02	0.01	0.37	-0.57	0	0.45	0.53	0.18	0.6	-0.14	0.41	0.25	0.11	0.29

DJFMA

tas normalized bias	-0.4	0	-0.42	-0.25	0	-0.24	0	-0.76	-1	-0.68	-0.41	-0.64	-0.11	-0.13	-0.11	-0.27	-0.77	0.12	-0.18	-0.32	-0.23	-0.43	-0.02	-0.57	-0.45	-0.21
tas bias / snc bias	-0.49	-0.07	0.03	-0.36	-0.29	-0.39	-0.31	-0.16	-0.12	-0.23	-0.02	-0.46	-0.28	-0.32	0.39	0.32	-0.49	-0.37	-0.22	-0.42	-0.56	0.05	-0.28	-0.5	-0.44	0.31
tas bias / pr bias	-0.63	0.34	-0.03	-0.24	-0.44	-0.24	-0.39	-0.2	0.1	-0.21	-0.04	-0.35	-0.45	-0.58	-0.08	-0.3	-0.17	0.28	-0.41	-0.4	-0.57	-0.26	-0.35	-0.4	-0.52	-0.16
snc bias / pr bias	0.38	0.68	-0.01	-0.52	-0.03	-0.48	-0.09	-0.48	-0.53	-0.49	0.39	-0.19	-0.16	-0.08	0.17	0.25	-0.07	0.28	-0.37	0.15	0.25	-0.66	0.11	-0.13	0.09	-0.07
tas bias / elevation	-0.24	0.58	-0.38	-0.55	-0.04	-0.55	-0.06	-0.63	-0.88	-0.65	0.23	-0.67	-0.26	-0.2	0.07	0.12	-0.58	0.34	-0.36	-0.5	-0.21	-0.5	-0.09	-0.65	-0.53	-0.14
snc bias / elevation	0.64	0.41	0.47	0.74	0.54	0.76	0.54	0.33	0.27	0.38	0.32	0.52	0.46	0.42	-0.03	-0.26	0.4	0.28	0.51	0.55	0.42	0.37	0.5	0.7	0.69	0.06
pr bias / elevation	0.38	0.67	0.15	-0.26	0.33	-0.26	0.3	0.09	-0.26	0.1	0.52	-0.14	-0.12	-0.08	-0.13	-0.78	-0.26	0.43	0.17	-0.13	0.31	-0.29	0.32	-0.01	0.07	0

JJAS

tas normalized bias	-0.29	0.39	-0.43	0.01	0.23	0.02	0.24	-0.68	-0.96	-0.59	-0.45	-0.68	-0.47	-0.5	-0.16	-0.28	-1	0.52	0.16	-0.14	-0.03	-0.41	0.31	-0.24	-0.12	-0.27
tas bias / snc bias	-0.73	-0.39	-0.24	0.03	-0.27	0.04	-0.29	-0.68	-0.81	-0.64	-0.45	-0.62	-0.75	-0.65	-0.57	-0.49	-0.82	-0.53	-0.65	-0.04	-0.27	-0.35	-0.29	0.23	0.21	-0.56
tas bias / pr bias	-0.54	-0.05	-0.39	-0.39	-0.19	-0.35	-0.23	-0.24	0.2	-0.23	-0.5	-0.41	-0.43	-0.5	-0.4	-0.31	-0.25	-0.31	-0.5	-0.67	-0.67	-0.35	-0.34	-0.4	-0.41	-0.36
snc bias / pr bias	0.35	0.25	0.54	0.08	0.13	0.09	0.12	0.39	-0.28	0.43	0.29	0.25	0.16	0.11	0.68	0.55	0.24	0.26	0.36	0.17	0.25	0.19	0.02	0.2	0.1	0.58
tas bias / elevation	-0.5	0.5	-0.47	-0.27	0.27	-0.26	0.27	-0.64	-0.81	-0.62	-0.38	-0.62	-0.54	-0.45	-0.34	-0.48	-0.59	0.27	-0.59	-0.65	-0.36	-0.56	0.13	-0.49	-0.46	-0.38
snc bias / elevation	0.7	0.05	0.52	0.05	0.01	0.04	0.01	0.78	0.81	0.77	0.48	0.81	0.71	0.65	0.68	0.55	0.6	0.01	0.44	0.14	0.08	0.65	0	0.08	0.08	0.7
pr bias / elevation	0.42	0.49	0.41	0.21	0.54	0.22	0.54	0.33	-0.46	0.32	0.37	0.33	0.17	0.19	0.58	0.09	0.46	0.43	0.48	0.62	0.7	0.26	0.36	0.46	0.09	0.4

BCC-CSM2-MR

BCC-ESM1

CAS-ESM2-0

CESM2

CESM2-FV2

CESM2-WACCM

CESM2-WACCM-FV2

CNRM-CM6-1

CNRM-CM6-1-HR

CNRM-ESM2-1

CanESM5

GFDL-CM4

GISS-E2-1-G

GISS-E2-1-H

HadGEM3-GC31-LL

HadGEM3-GC31-MM

IPSL-CM6A-LR

MIROC-ES2L

MIROC6

MPI-ESM1-2-HR

MPI-ESM1-2-LR

MRI-ESM2-0

NorESM2-LM

SAM0-UNICON

TaiESM1

UKESM1-0-LL