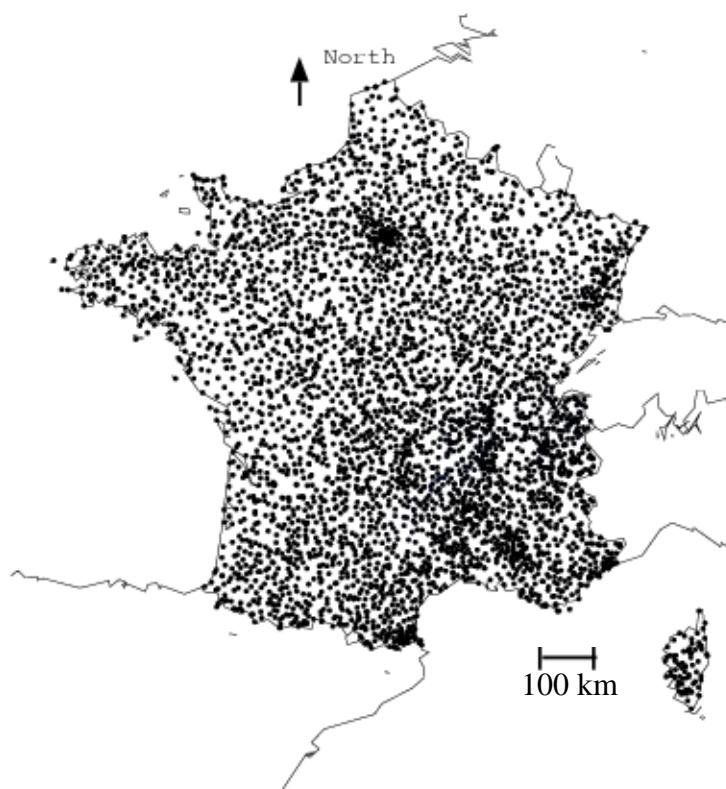


WGNE QPF verification

- Average the data and the models QPF at $0.5^\circ \times 0.5^\circ$



Climatological state network

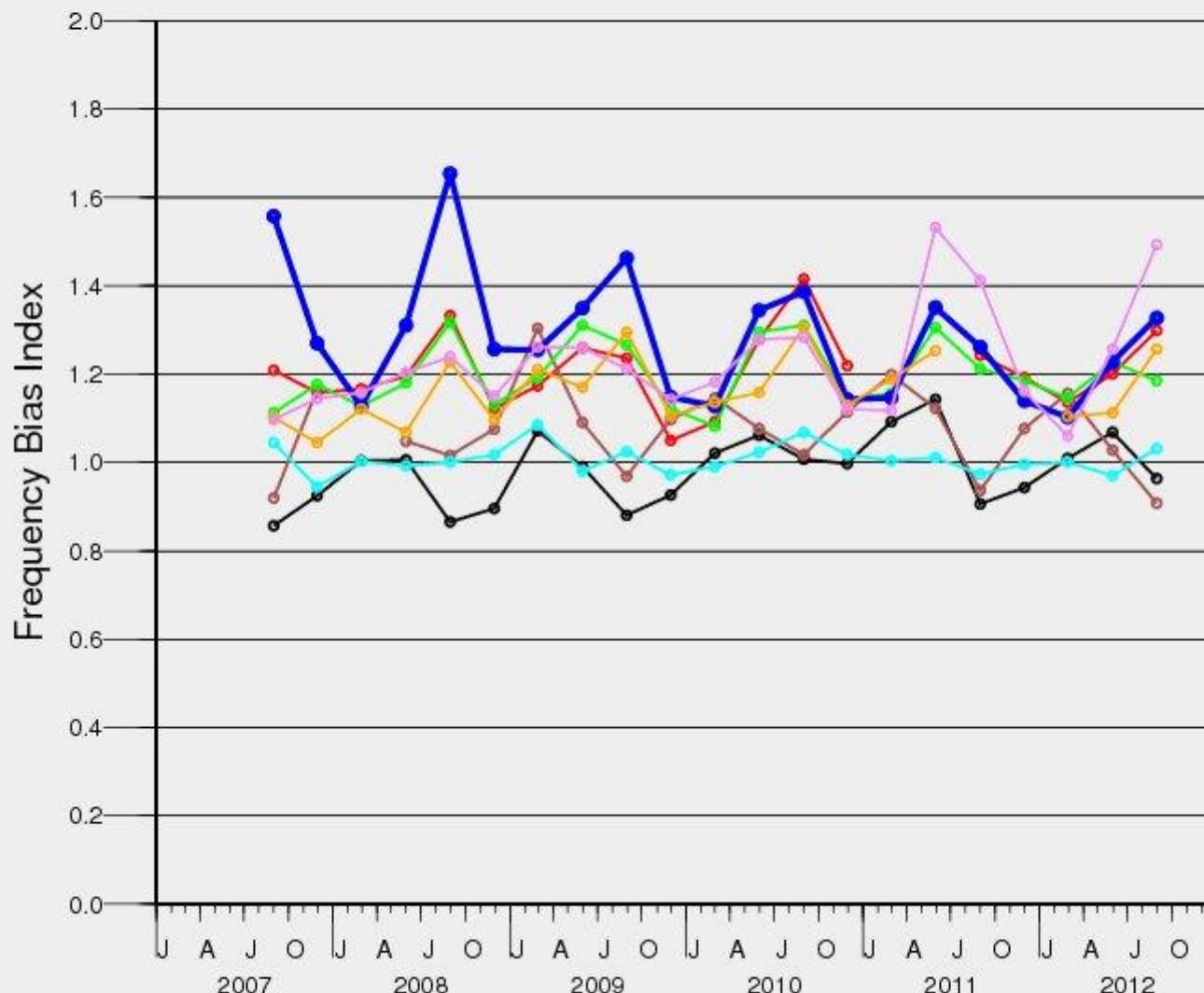
~4000 raingauges giving 24 hours accumulated rain every day

<http://www.meteo.fr/extranets/>
user: WGNE
password: WGNEmto!

Frequency Bias Index
Precipitation threshold 1 mm/day
Basis 0 UTC, accumulated rainfall 6–30 h, sample common

— DWD — UKMO — CMC — ECMWF — MF — JMA — NCEP — PERS

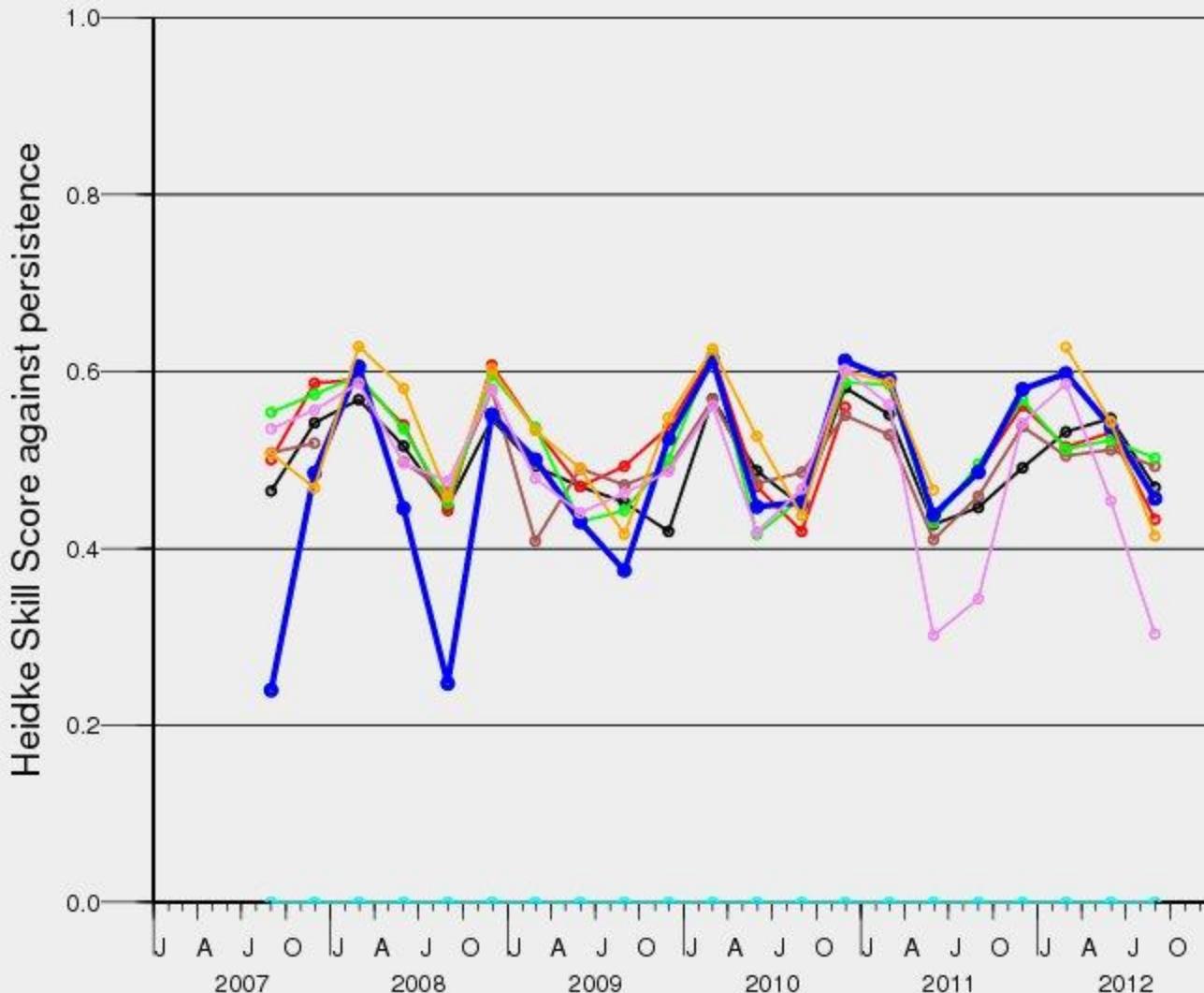
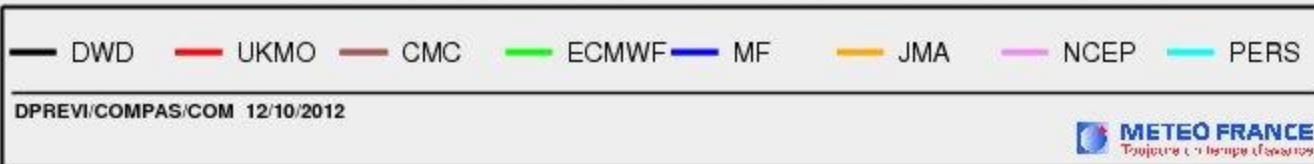
DPBEVI/COMPAS/COM 12/10/2012



Heidke Skill Score against persistence

Precipitation threshold 1 mm/day

Basis 0 UTC, accumulated rainfall 6–30 h, sample common



Frequency Bias Index

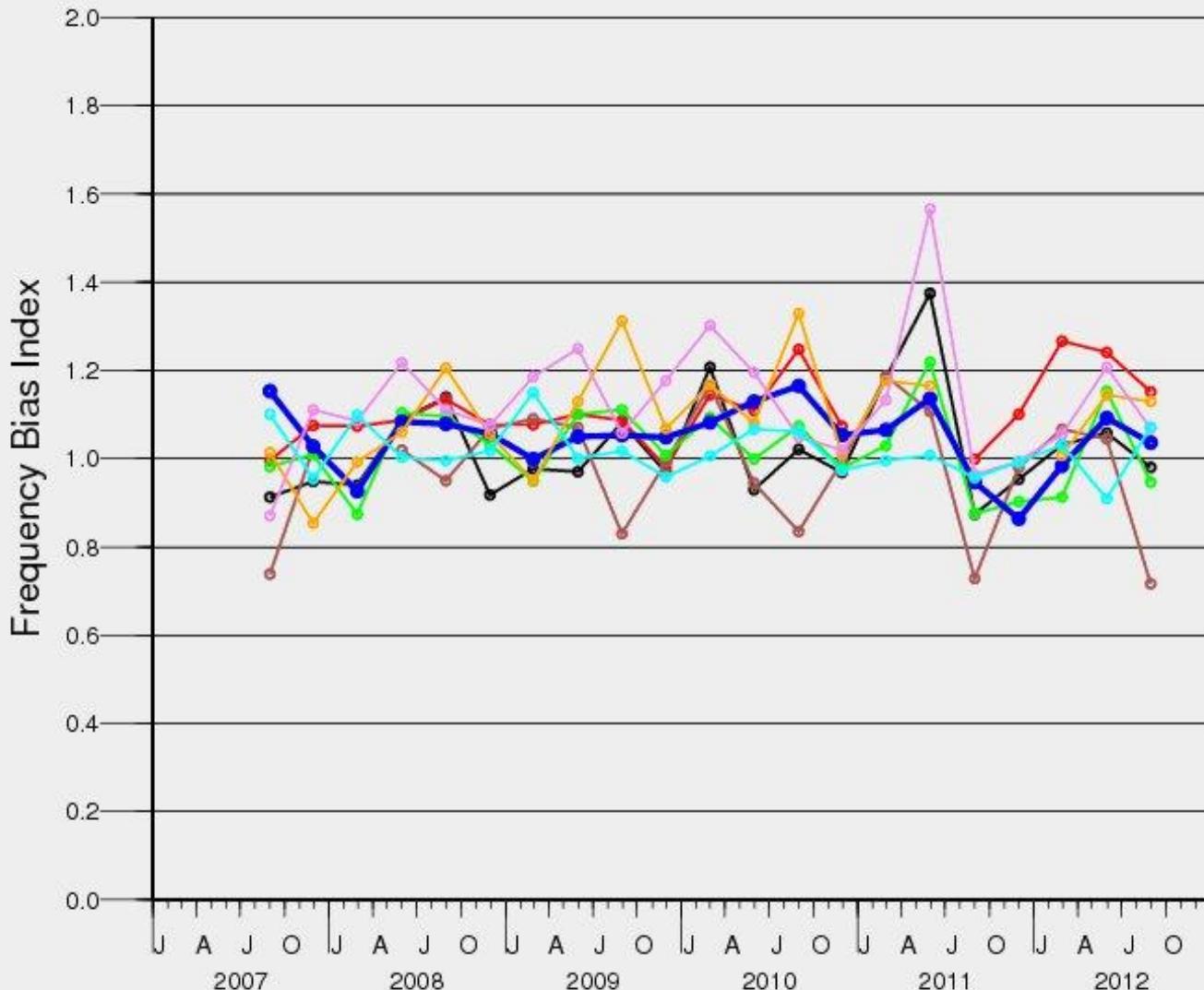
Precipitation threshold 10 mm/day

Basis 0 UTC, accumulated rainfall 6–30 h, sample common

DWD UKMO CMC ECMWF MF JMA NCEP PERS

DPREVI/COMPAS/COM 12/10/2012

METEO FRANCE
Toujours le temps de faire



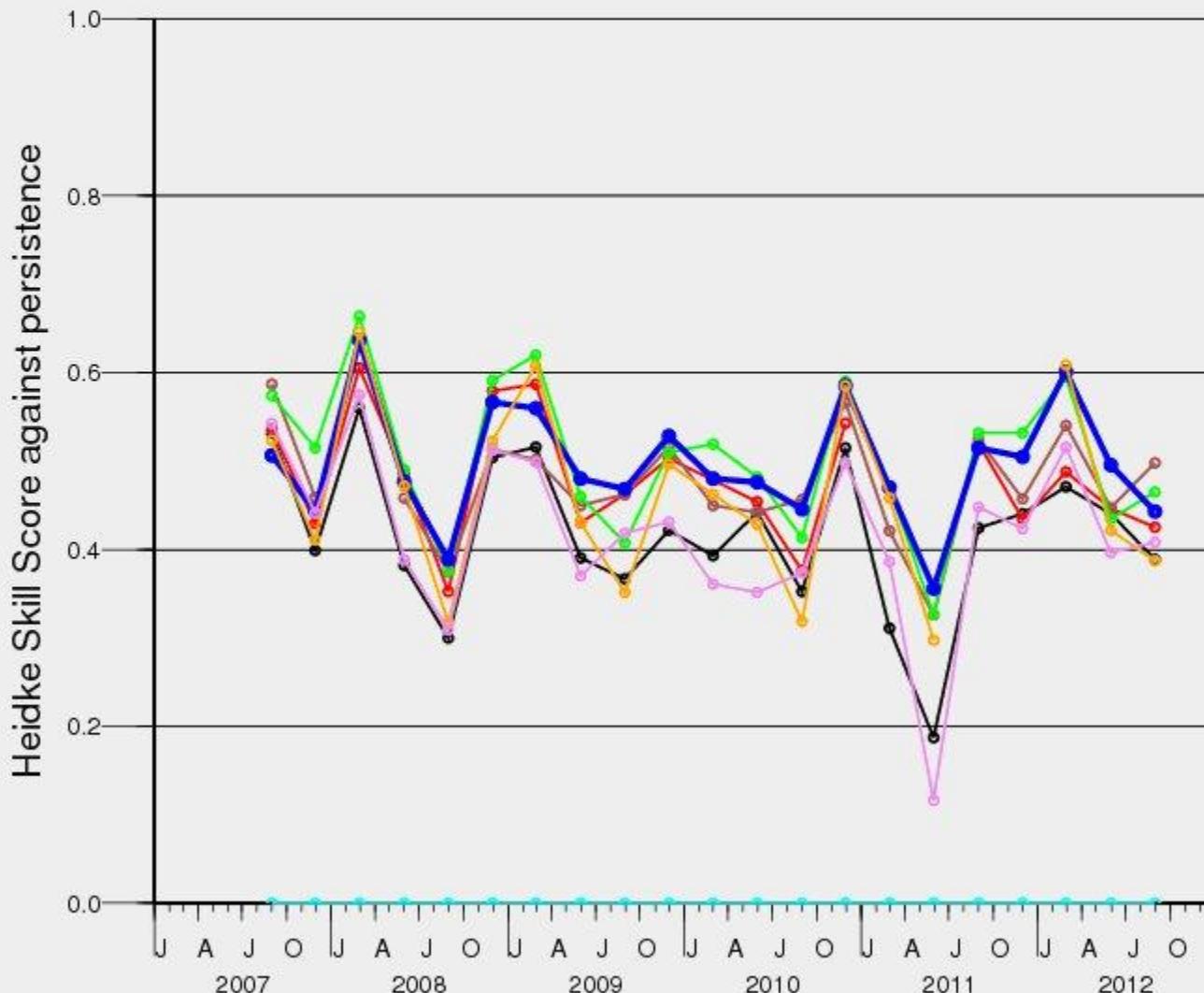
Heidke Skill Score against persistence

Precipitation threshold 10 mm/day

Basis 0 UTC, accumulated rainfall 6–30 h, sample common

DWD UKMO CMC ECMWF MF JMA NCEP PERS

DPREVI/COMPAS/COM 12/10/2012

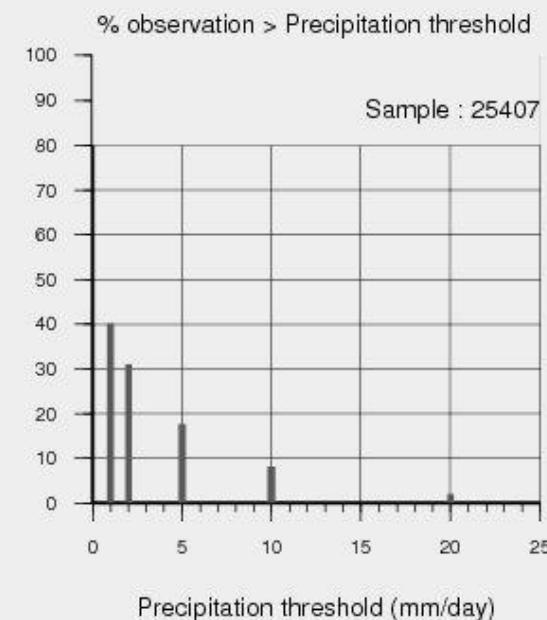
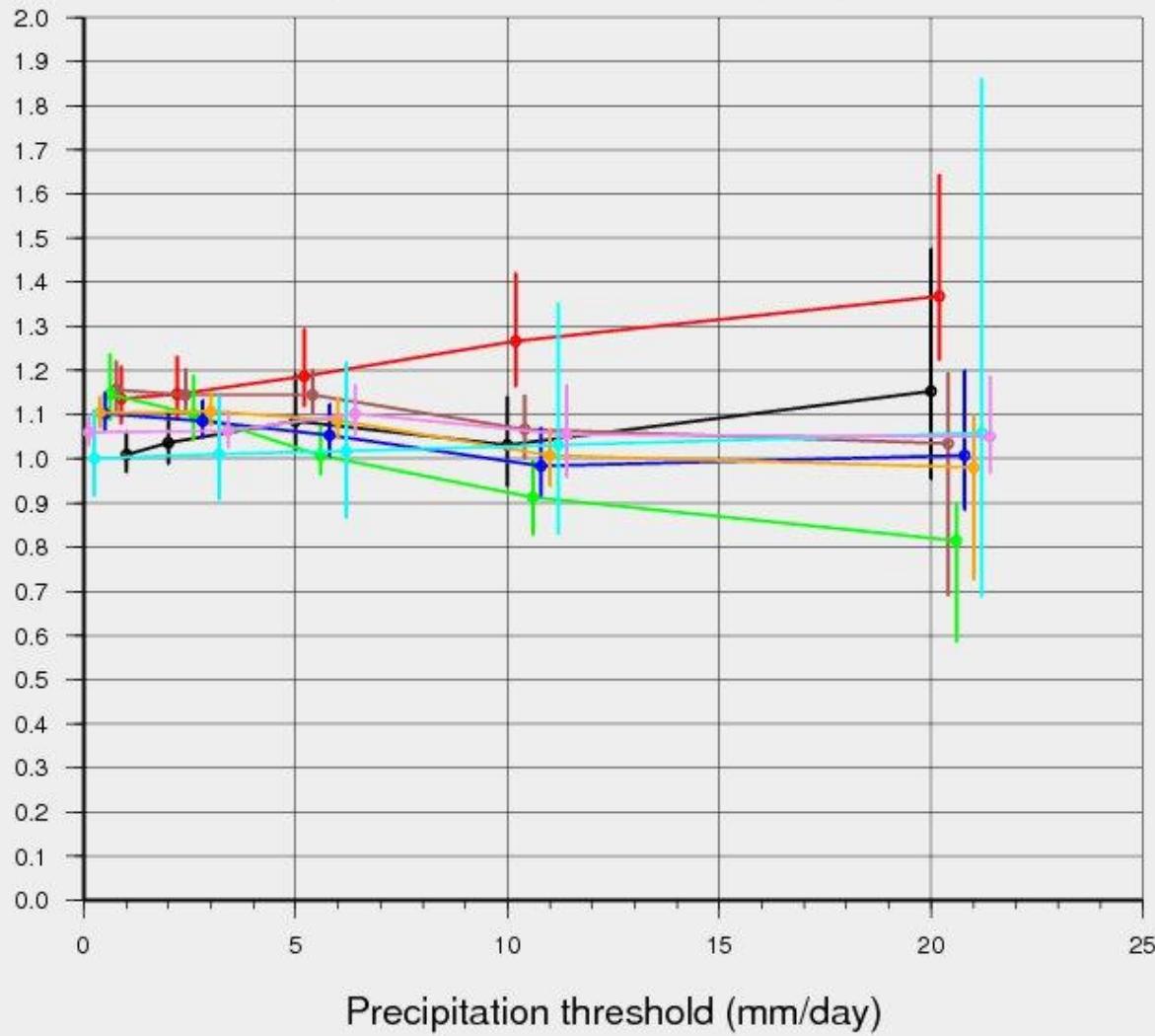


Winter

Frequency Bias Index over 20111201–20120229

basis 0 UTC, accumulated rainfall 6–30 h, sample : common

Frequency Bias Index



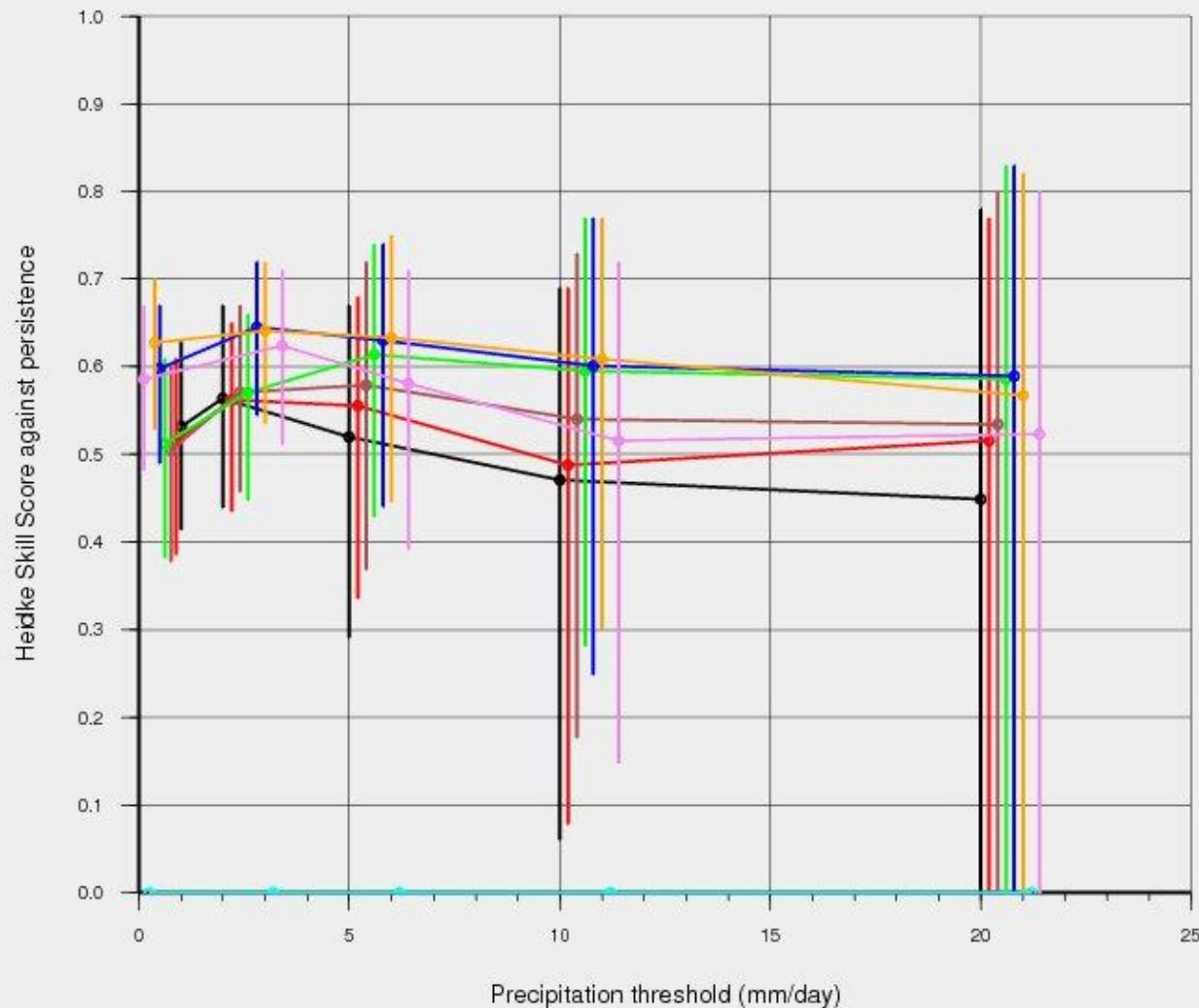
Meteorological Centre	
DWD	UKMO
CMC	ECMWF
MF	JMA
PERS	NCEP

Winter

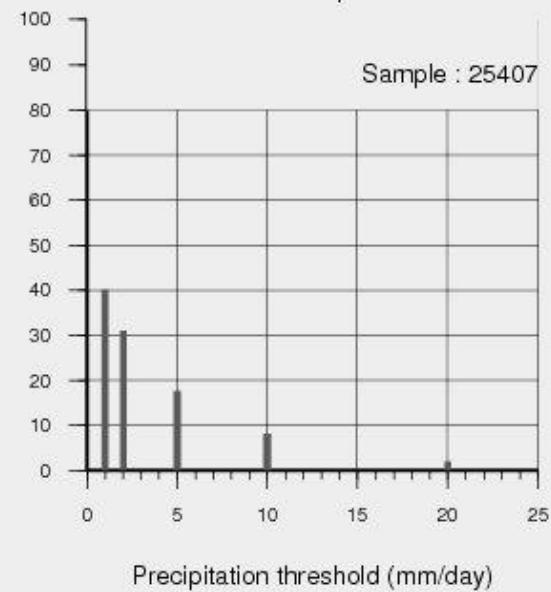
Heidke Skill Score against persistence

over 20111201–20120229

basis 0 UTC, accumulated rainfall 6–30 h, sample : common



% observation > Precipitation threshold



Meteorological Centre

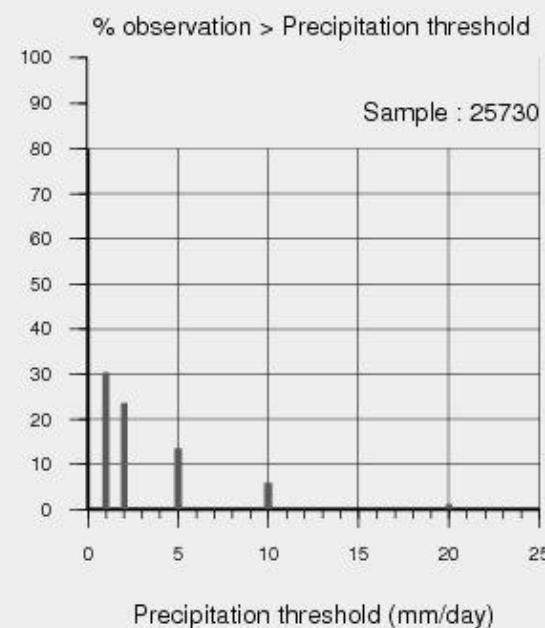
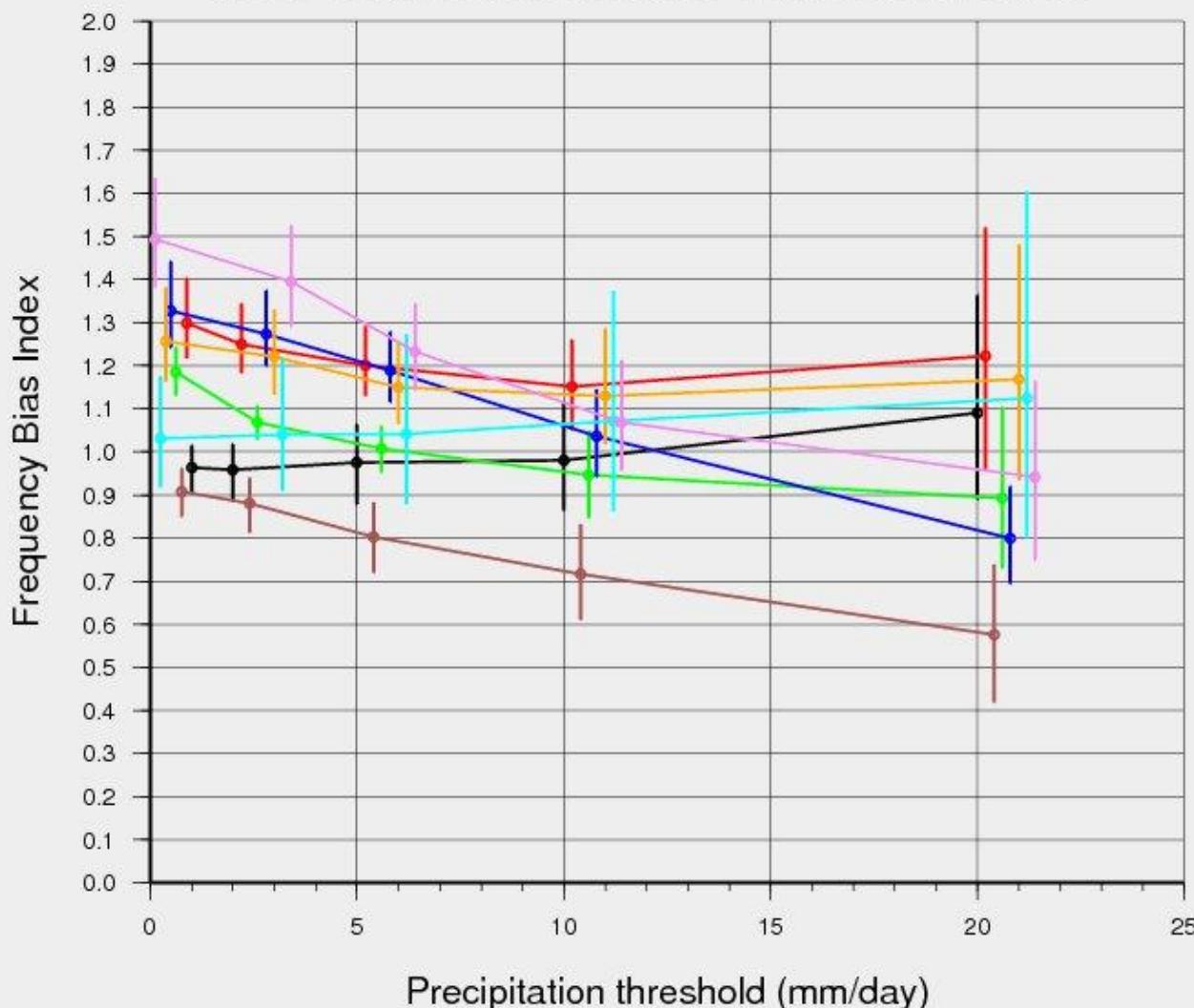
- | | |
|----------------------------------|--------------------------------------|
| — DWD
— CMC
— MF
— PERS | — UKMO
— ECMWF
— JMA
— NCEP |
|----------------------------------|--------------------------------------|

Summer

Frequency Bias Index

over 20120601–20120831

basis 0 UTC, accumulated rainfall 6–30 h, sample : common



Meteorological Centre	
DWD	UKMO
CMC	ECMWF
MF	JMA
PERS	NCEP

Summer

Heidke Skill Score against persistence
over 20120601–20120831

basis 0 UTC, accumulated rainfall 6–30 h, sample : common

