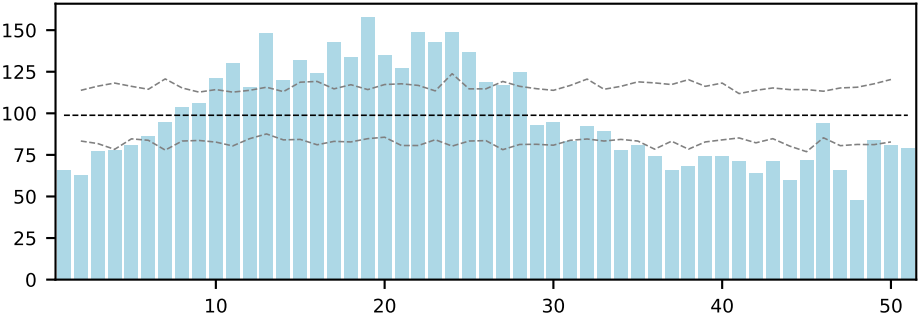


vortex angle 100hPa

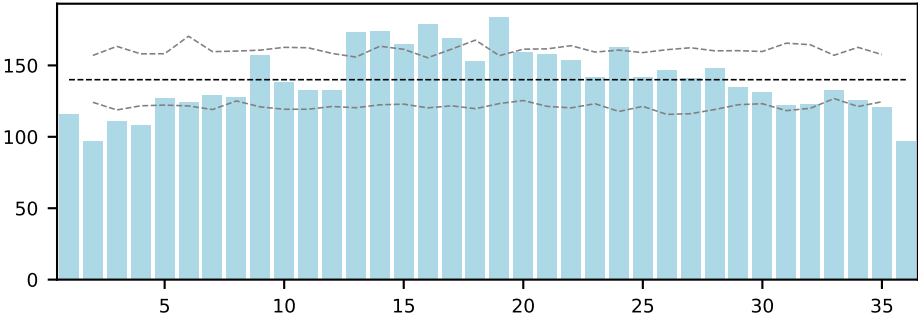
A

CanESM2
 χ^2 : 440.56
Bias: 79.53 Spread: 158.62



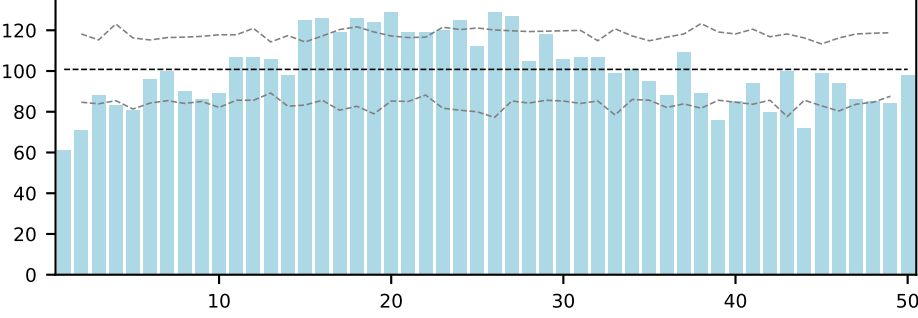
B

CanESM5
 χ^2 : 124.39
Bias: 0.44 Spread: 96.60



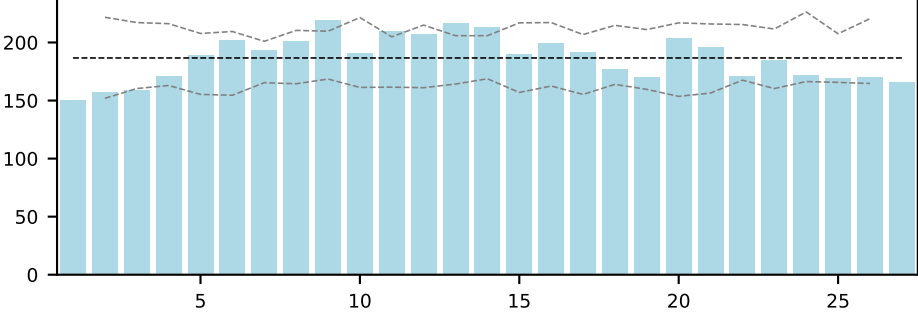
C

CESM2
 χ^2 : 143.91
Bias: 0.98 Spread: 87.73



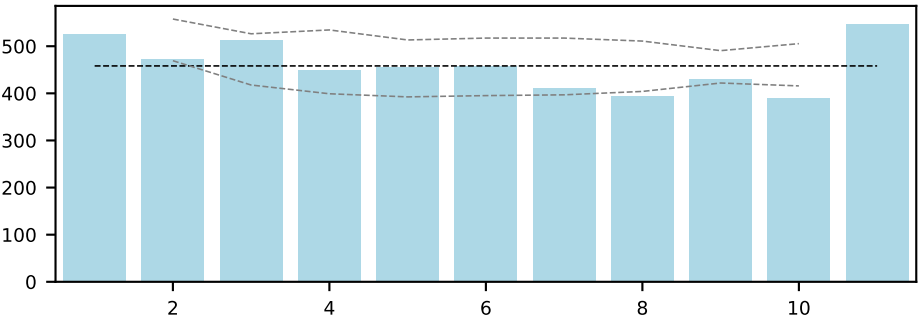
D

CNRM-CM6-1
 χ^2 : 52.44
Bias: 0.08 Spread: 31.64



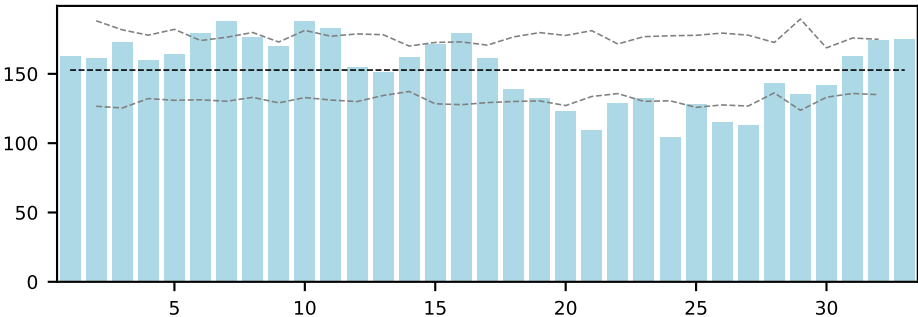
E

INM-CM5-0
 χ^2 : 60.88
Bias: 7.98 Spread: 14.76



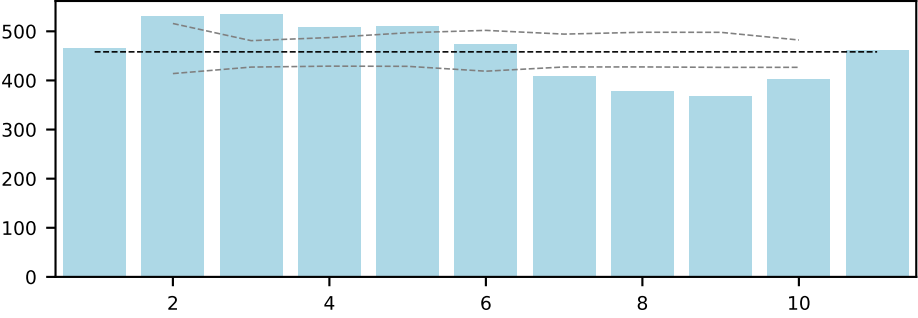
F

IPSL-CM6A-LR
 χ^2 : 123.48
Bias: 31.48 Spread: 6.12



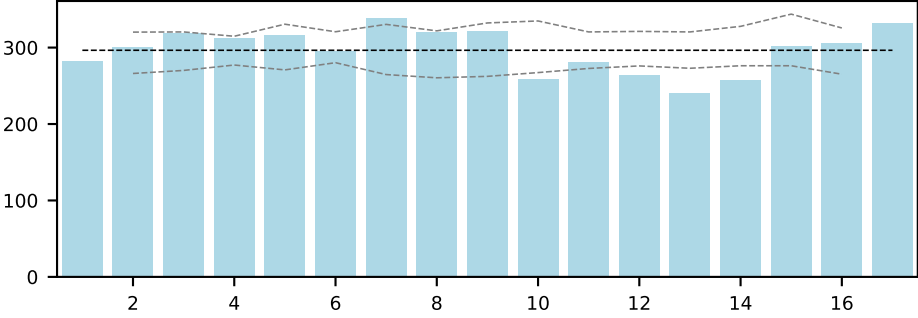
G

MIROC6
 χ^2 : 80.38
Bias: 38.56 Spread: 0.04



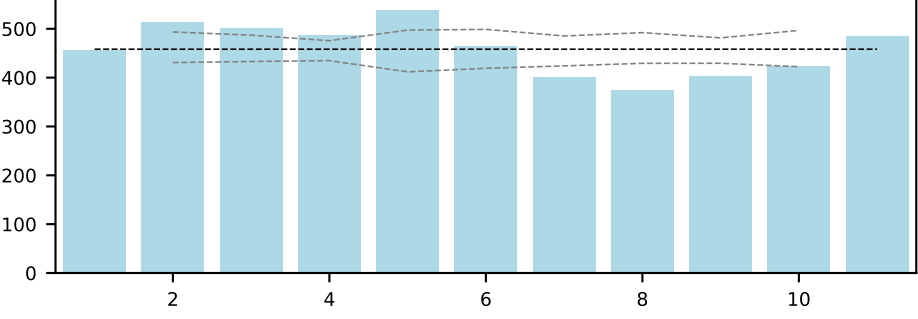
H

UKESM1-0-LL
 χ^2 : 43.86
Bias: 2.22 Spread: 0.18



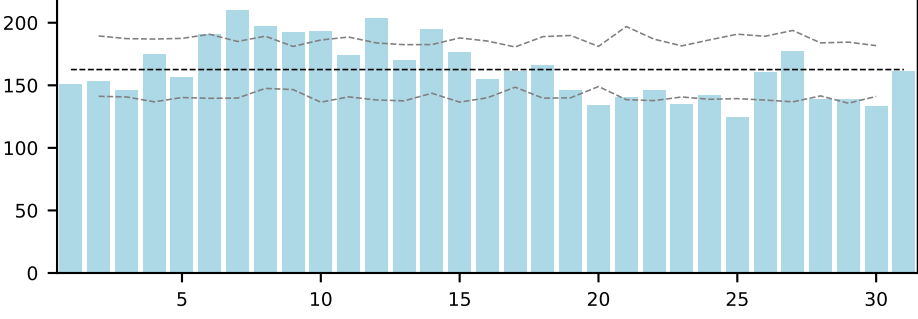
I

MPI-ESM1-2-HR
 χ^2 : 60.45
Bias: 15.23 Spread: 0.34



J

MPI-ESM1-2-LR
 χ^2 : 102.14
Bias: 25.68 Spread: 5.17



K

GFDL-CM3
 χ^2 : 191.51
Bias: 27.66 Spread: 86.25

