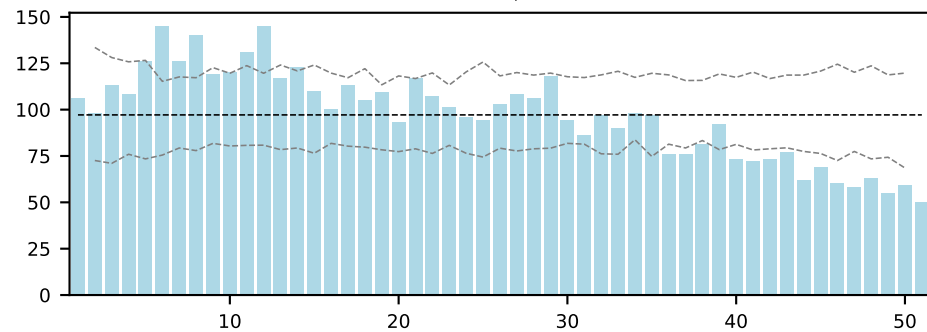


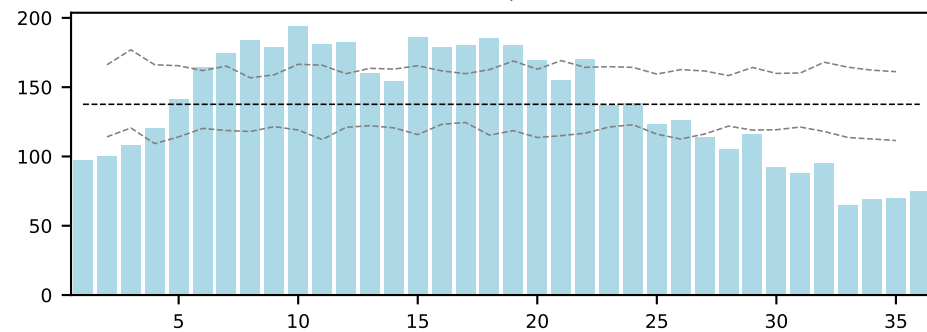
# centroid longitude 10hPa

**A**

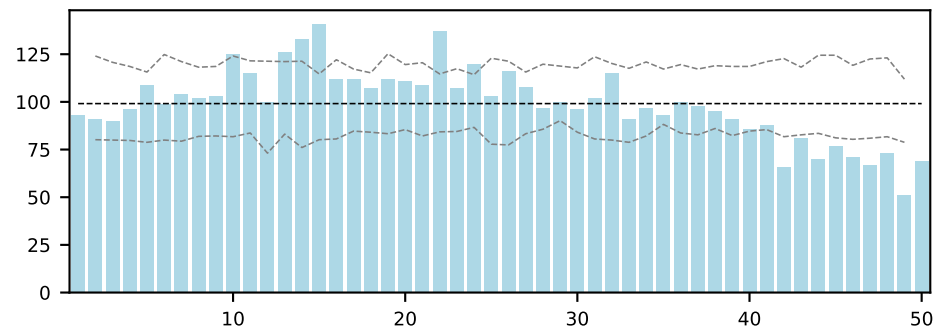
CanESM2  
 $\chi^2$ : 295.37  
Bias: 224.01 Spread: 13.95

**B**

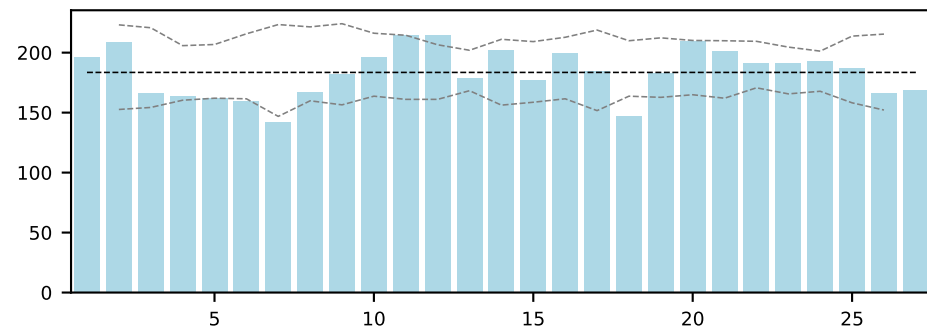
CanESM5  
 $\chi^2$ : 417.37  
Bias: 120.33 Spread: 224.55

**C**

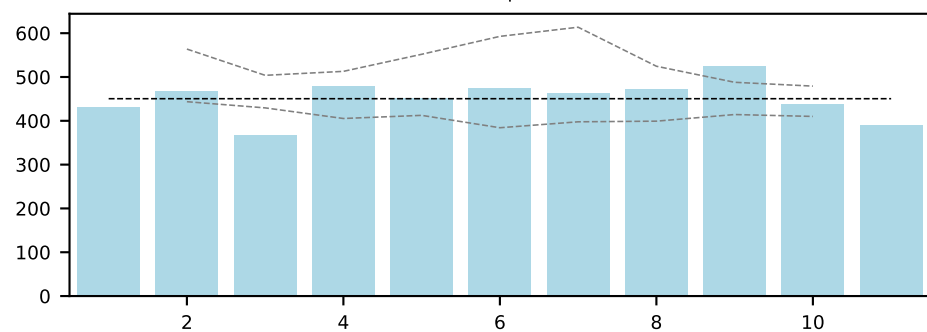
CESM2  
 $\chi^2$ : 174.09  
Bias: 67.85 Spread: 56.46

**D**

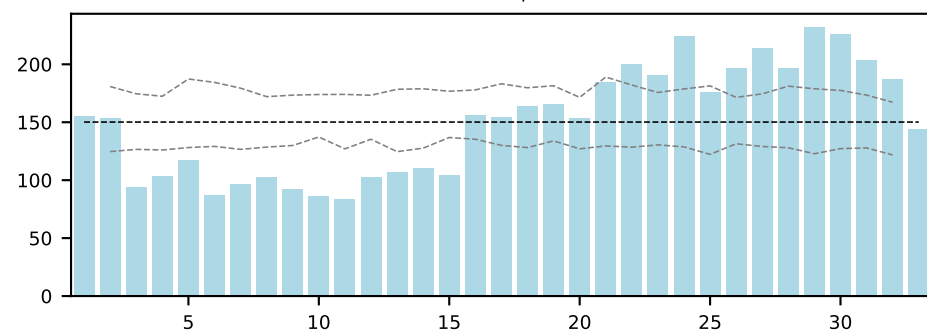
CNRM-CM6-1  
 $\chi^2$ : 56.65  
Bias: 0.90 Spread: 2.94

**E**

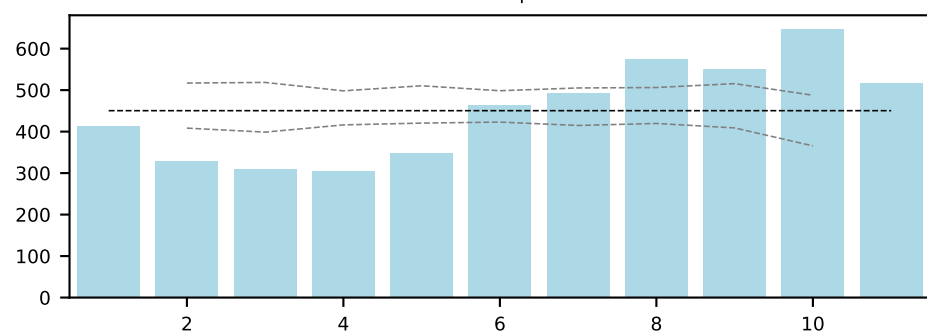
INM-CM5-0  
 $\chi^2$ : 42.41  
Bias: 0.52 Spread: 7.36

**F**

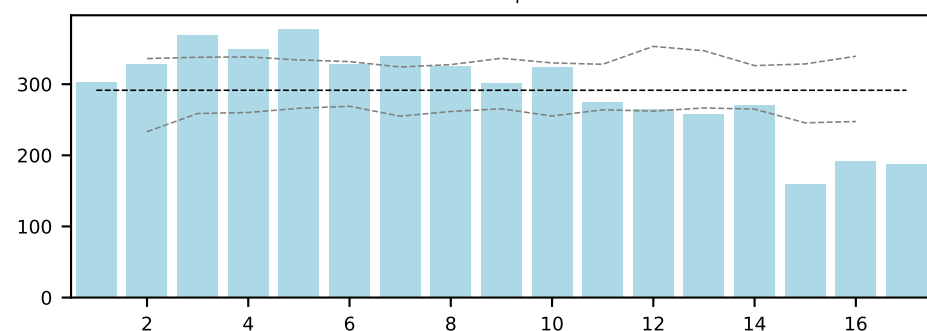
IPSL-CM6A-LR  
 $\chi^2$ : 482.22  
Bias: 289.33 Spread: 6.17

**G**

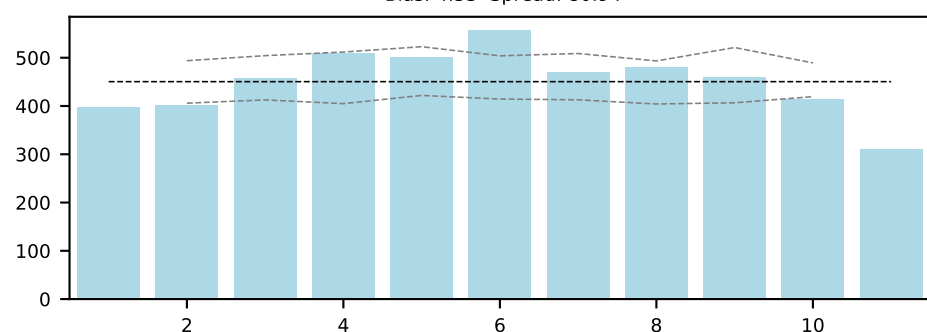
MIROC6  
 $\chi^2$ : 309.97  
Bias: 209.12 Spread: 4.14

**H**

UKESM1-0-LL  
 $\chi^2$ : 221.75  
Bias: 156.71 Spread: 29.47

**I**

MPI-ESM1-2-HR  
 $\chi^2$ : 99.19  
Bias: 4.53 Spread: 80.94

**J**

MPI-ESM1-2-LR  
 $\chi^2$ : 265.94  
Bias: 37.57 Spread: 193.19

