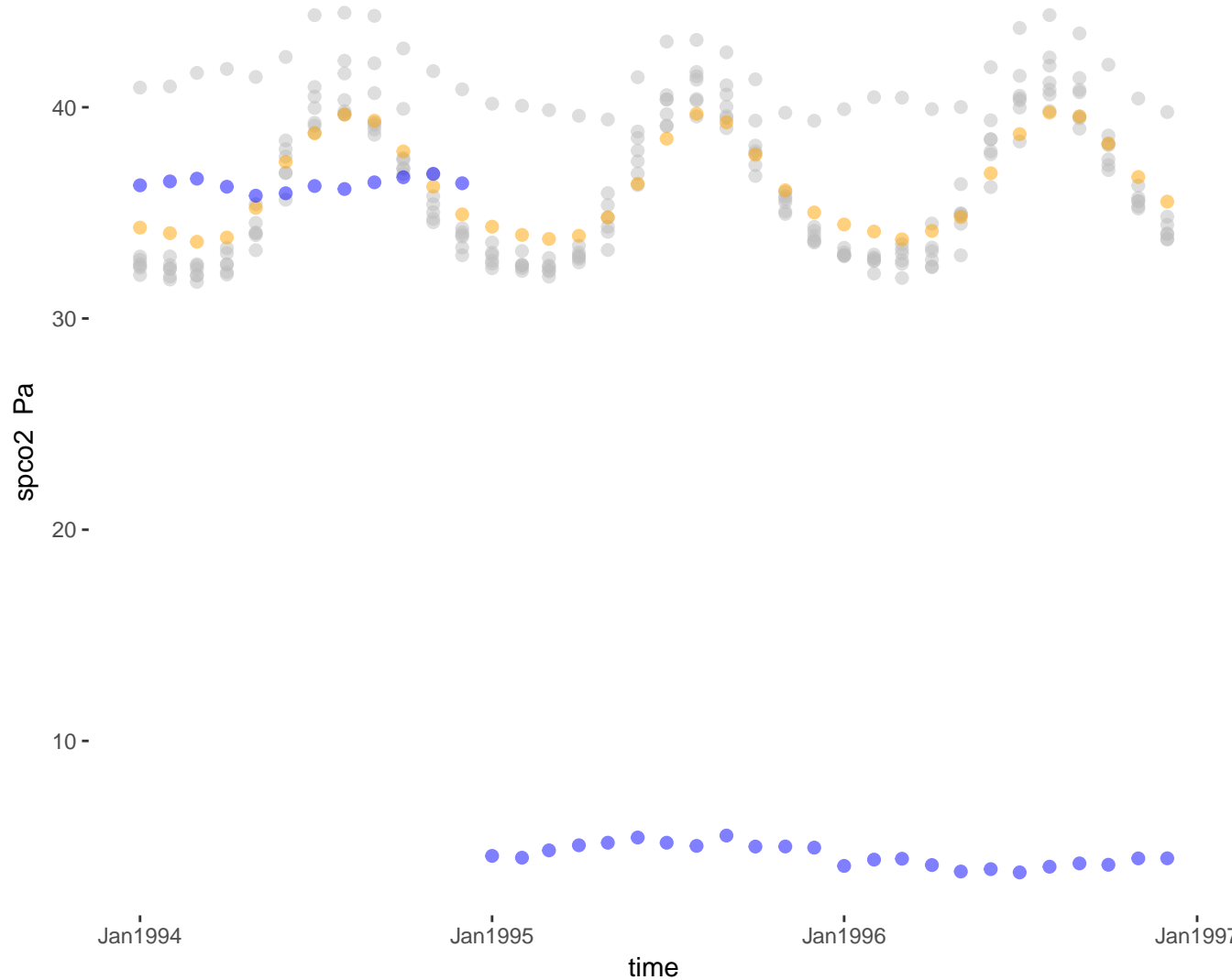


CMIP Observation Comparison

BATS

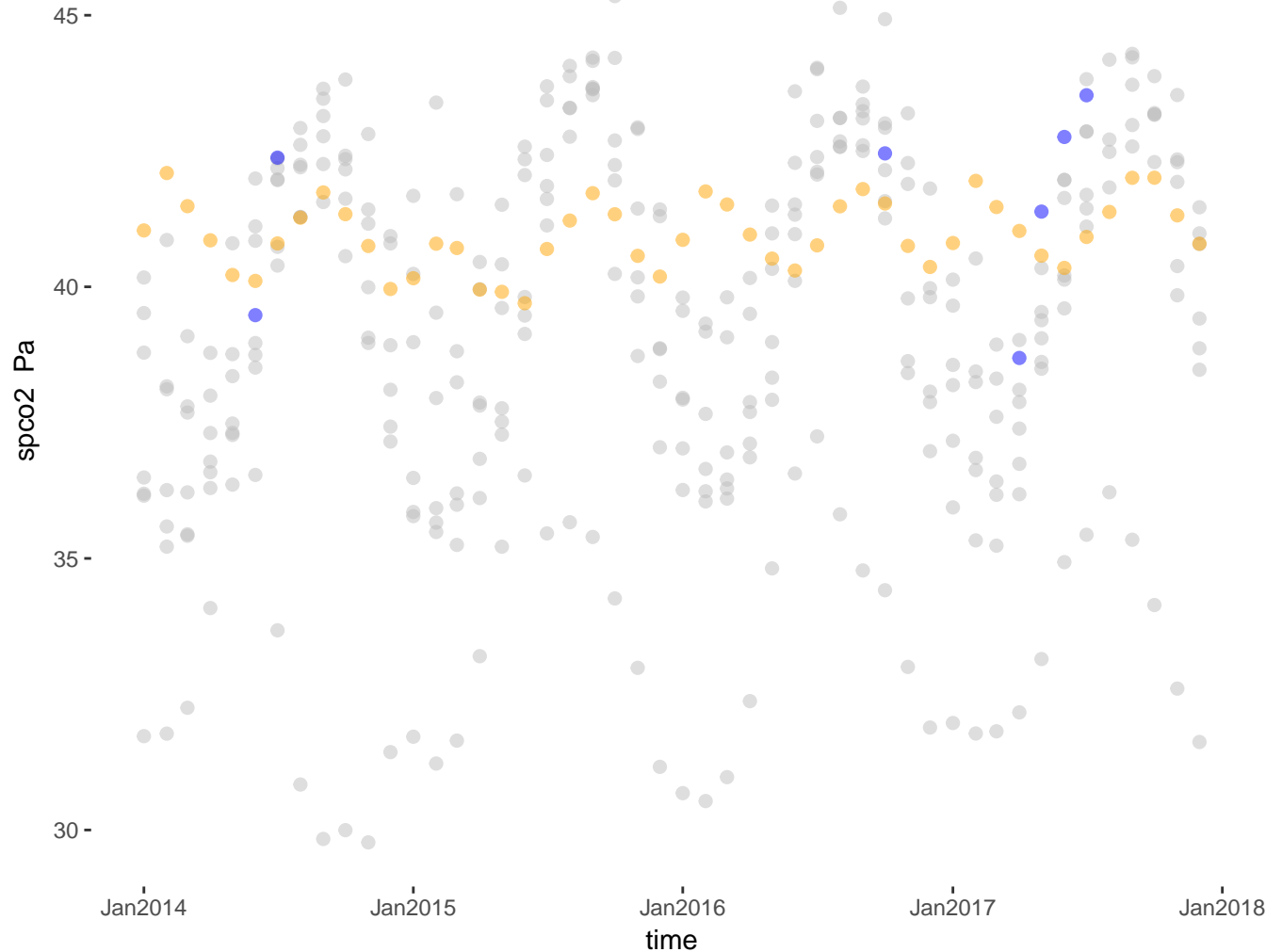
Before Detrending



CMIP Observation Comparison

ESTOC

Before Detrending

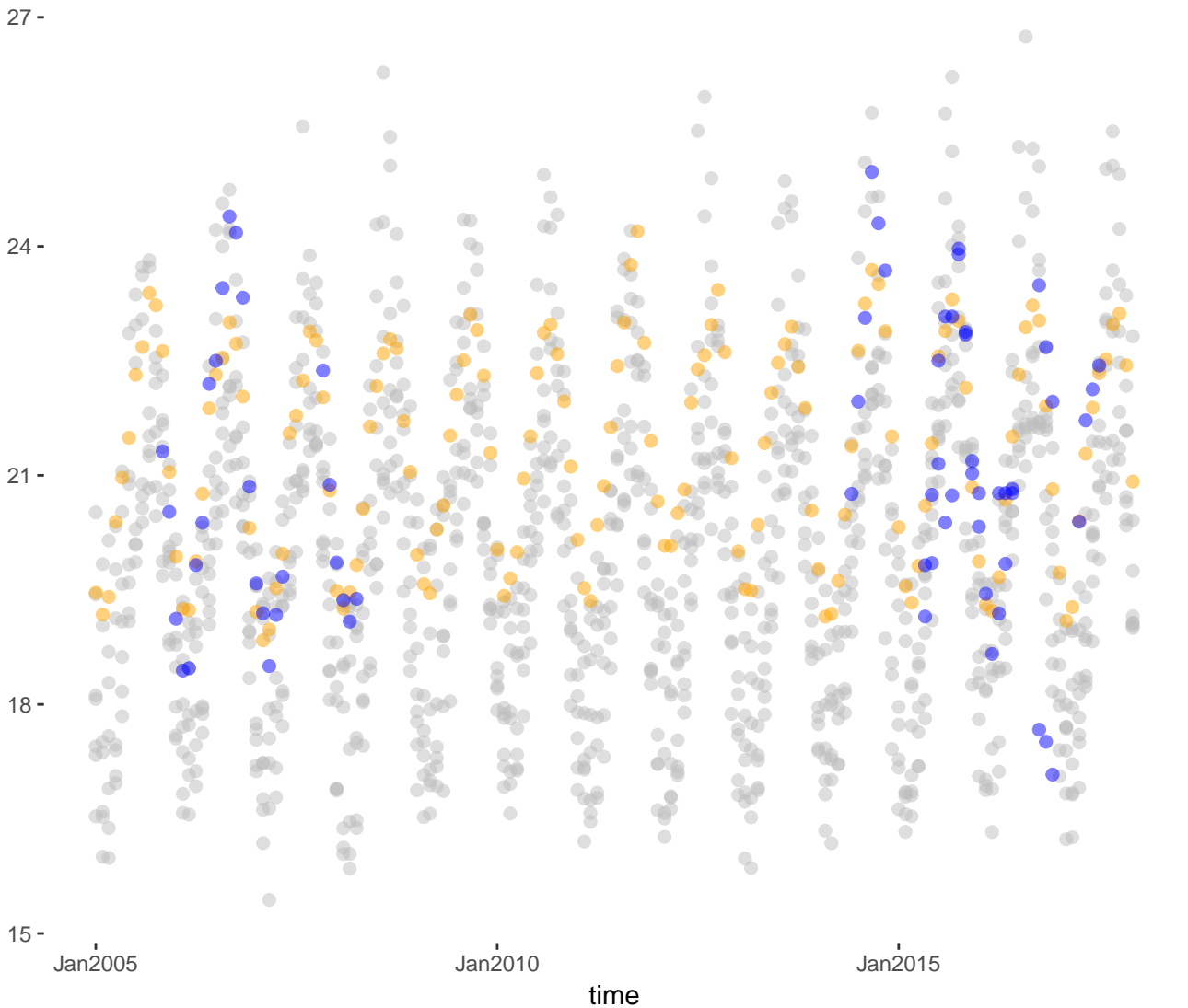


blue = observational data set
orange = CESM1-BGC
grey = other cmip models

CMIP Observation Comparison

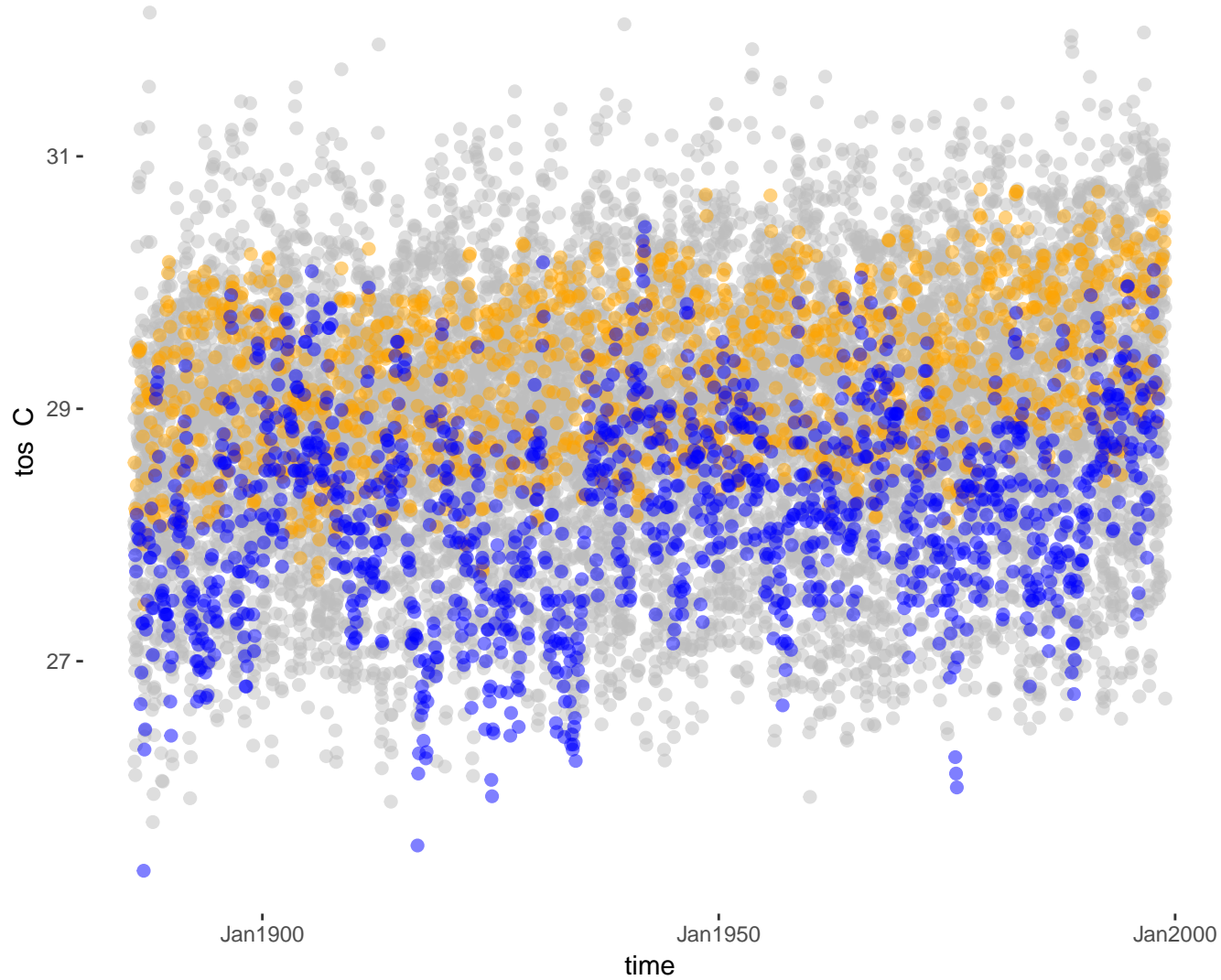
ESTOC

Before Detrending



blue = observational data set
orange = CESM1-BGC
grey = other cmip models

CMIP Observation Comparison
FlindersReef
Before Detrending

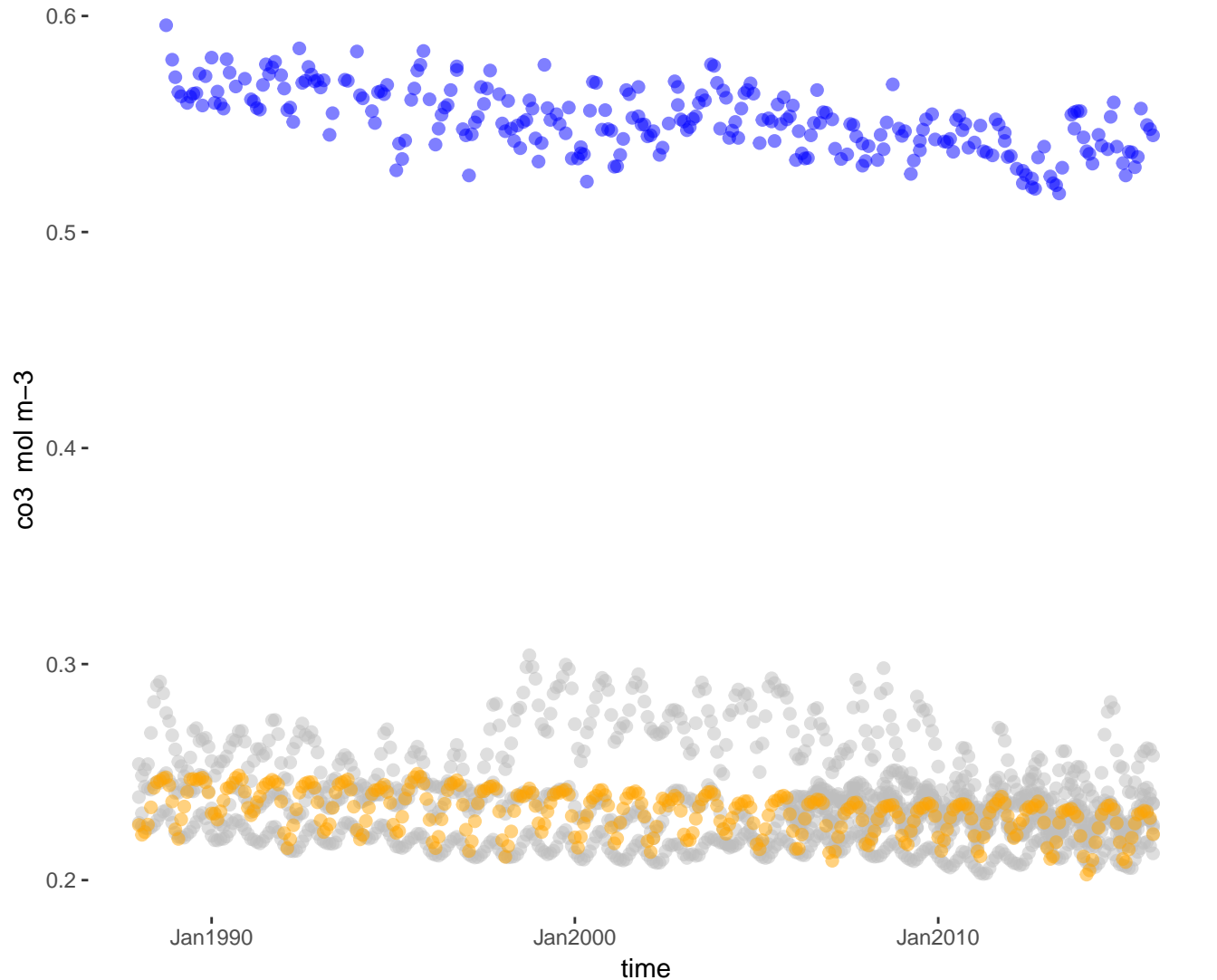


blue = observational data set
orange = CESM1-BGC
grey = other cmip models

CMIP Observation Comparison

HOTS

Before Detrending



blue = observational data set
orange = CESM1-BGC
grey = other cmip models

CMIP Observation Comparison

HOTS

Before Detrending

8.20 -

8.15 -

8.10 -

8.05 -

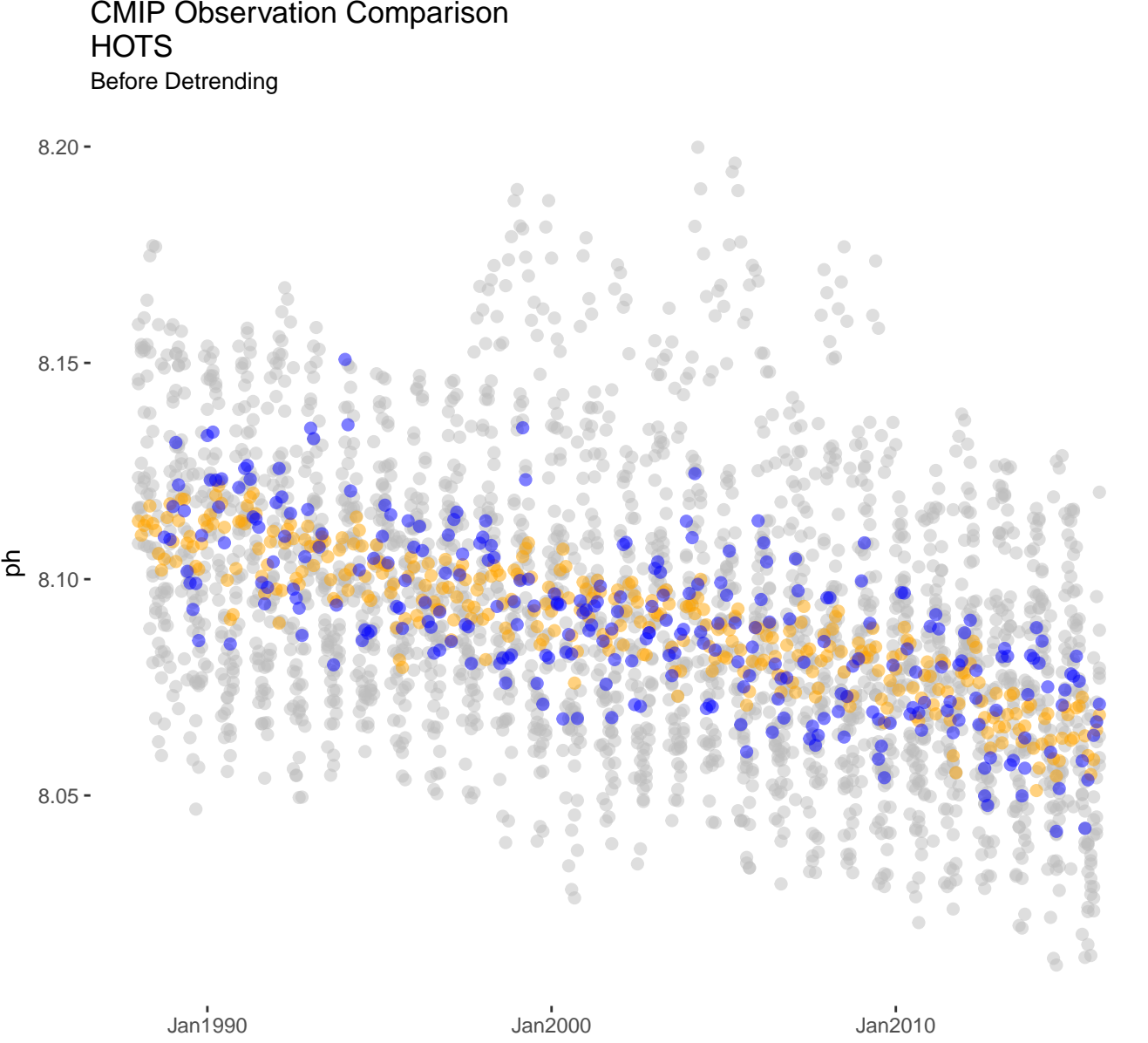
Jan1990

Jan2000

Jan2010

time

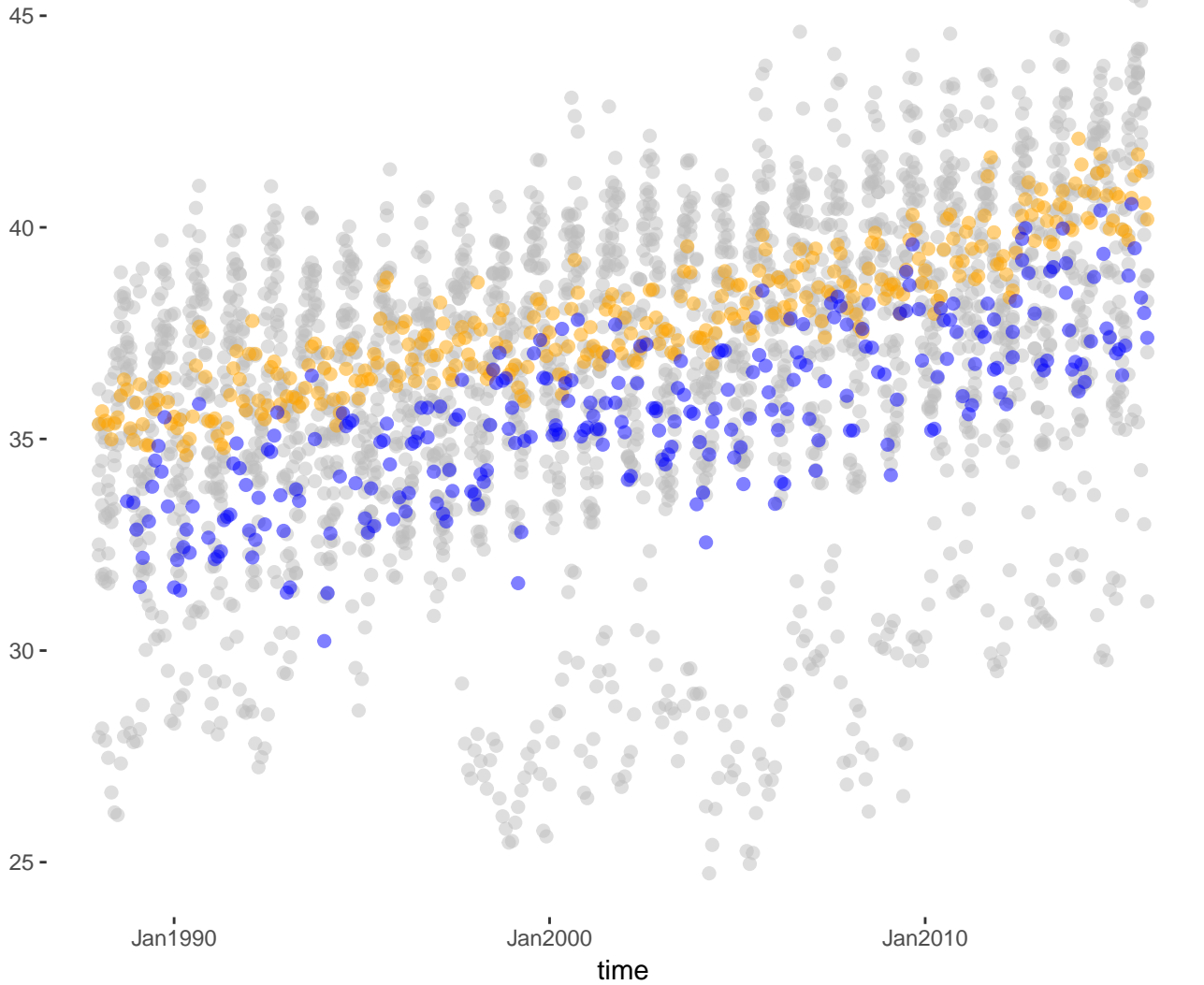
blue = observational data set
orange = CESM1-BGC
grey = other cmip models



CMIP Observation Comparison

HOTS

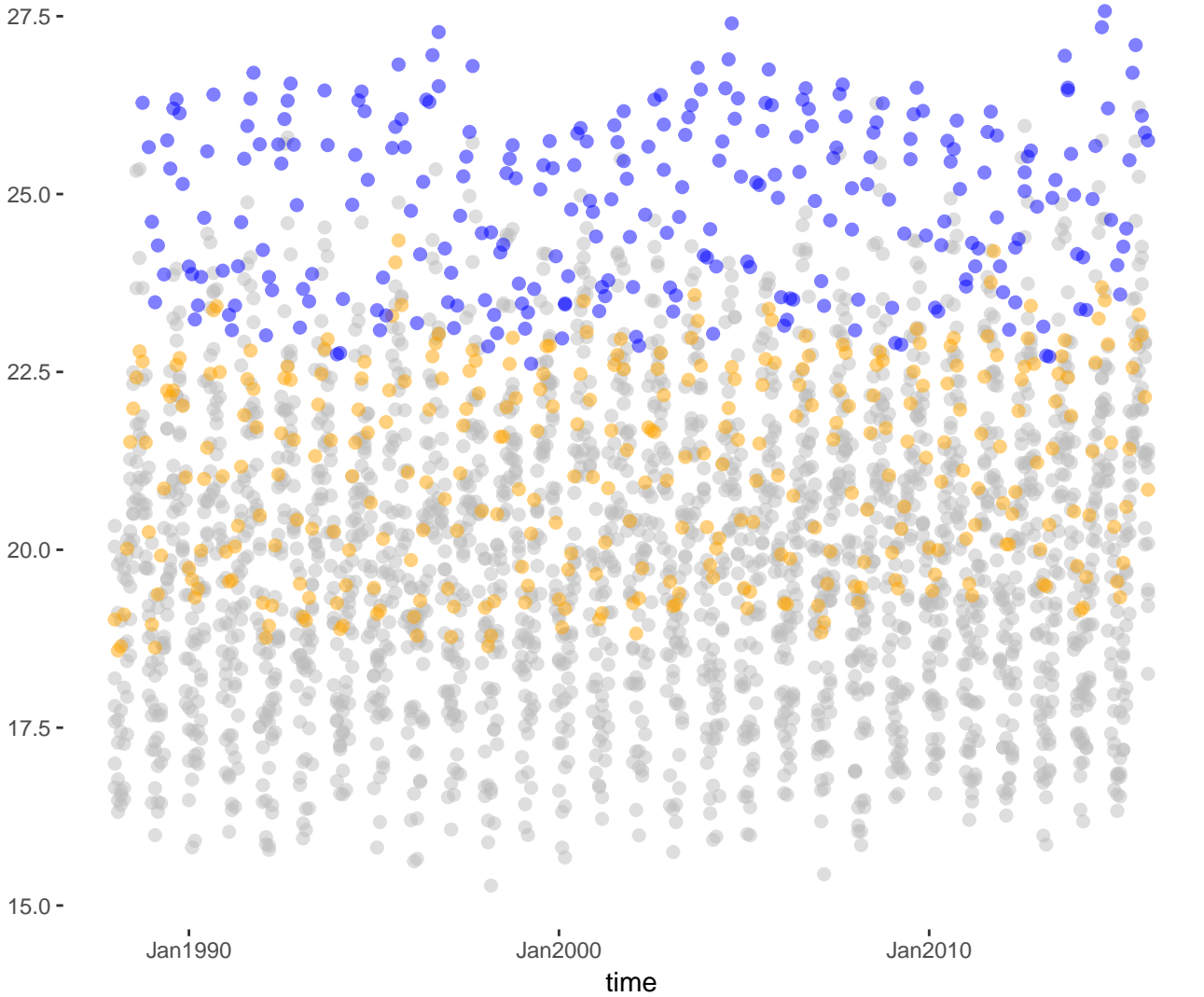
Before Detrending



CMIP Observation Comparison

HOTS

Before Detrending



blue = observational data set
orange = CESM1-BGC
grey = other cmip models

CMIP Observation Comparison

IcelandSea

Before Detrending

40 -

35 -

30 -

25 -

spco2 Pa

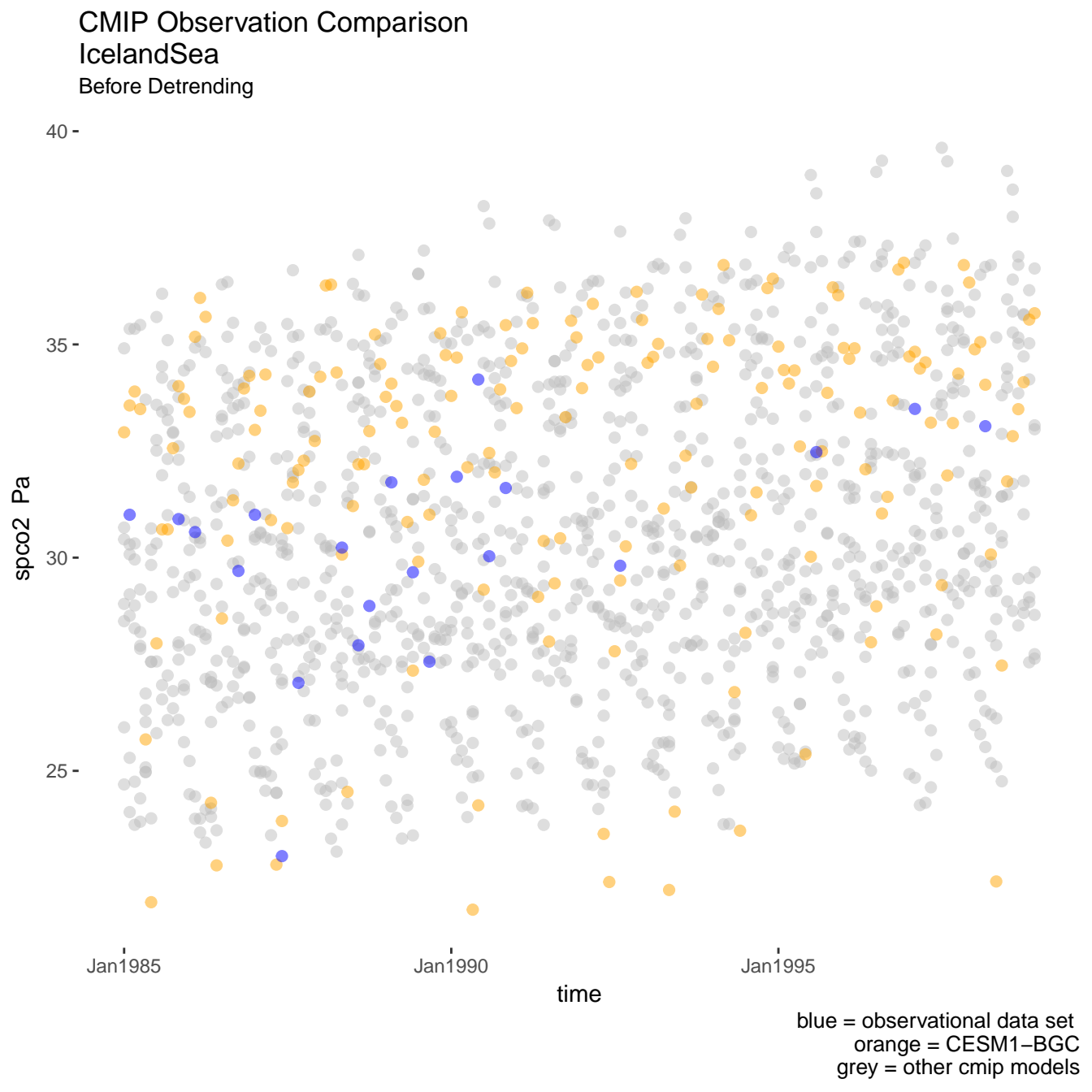
Jan1985

Jan1990

Jan1995

time

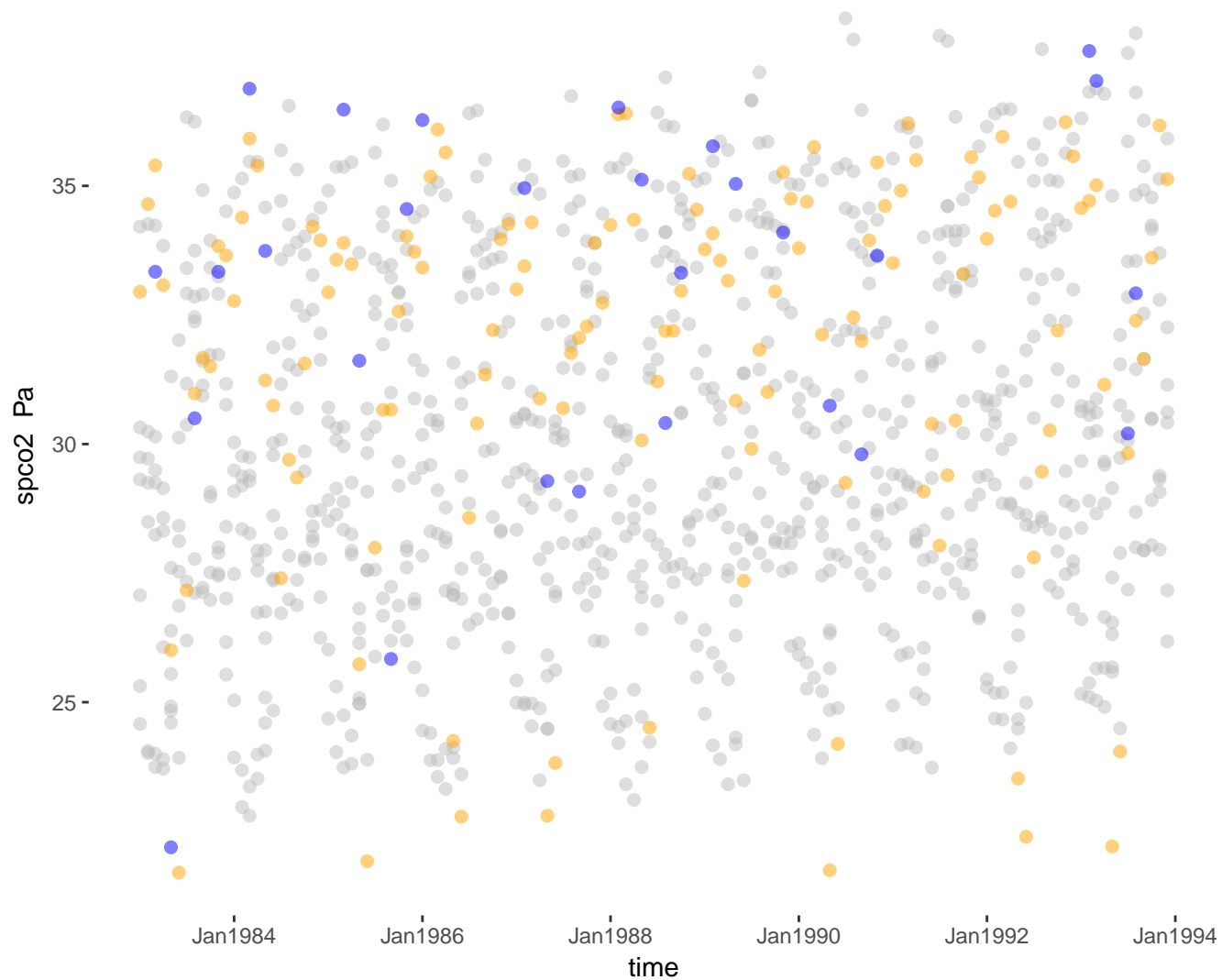
blue = observational data set
orange = CESM1-BGC
grey = other cmip models



CMIP Observation Comparison

IrmingerSea

Before Detrending



blue = observational data set
orange = CESM1-BGC
grey = other cmip models