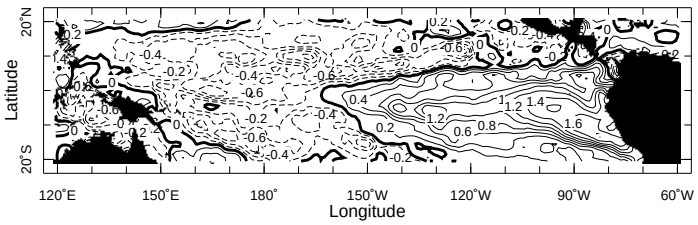
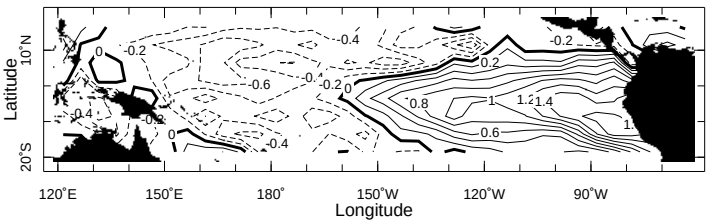
SKEWNESS

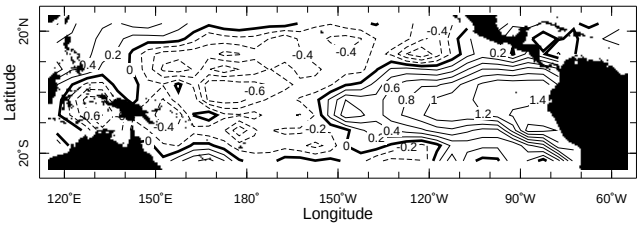
NCEP OI: 1982-1997, $1^o \times 1^o$



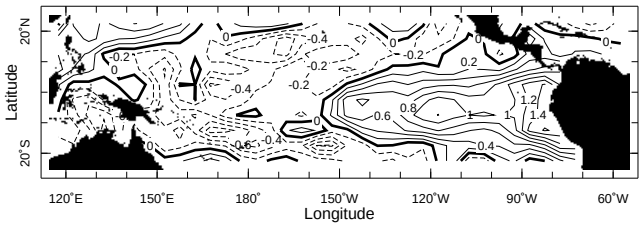
NCEP OI: 1982-1997, $5^o \times 5^o$



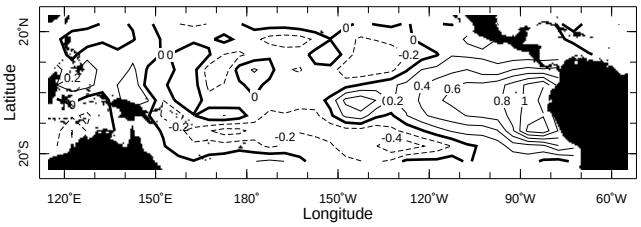
NCEP OI: 1982-1997, projected on 80 $5^o \times 5^o$ **EOFs**



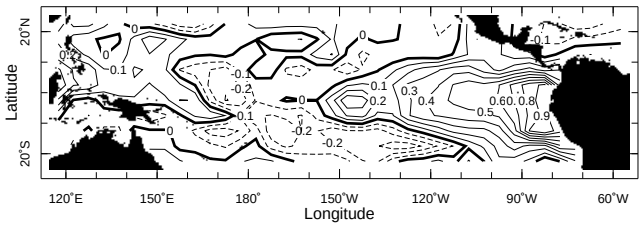
OS analysis: 1982-1991, $5^o \times 5^o$



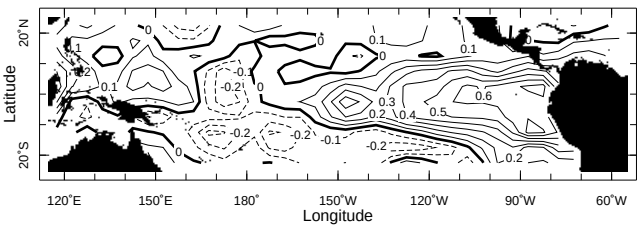
OS analysis: 1950-1991, $5^o \times 5^o$

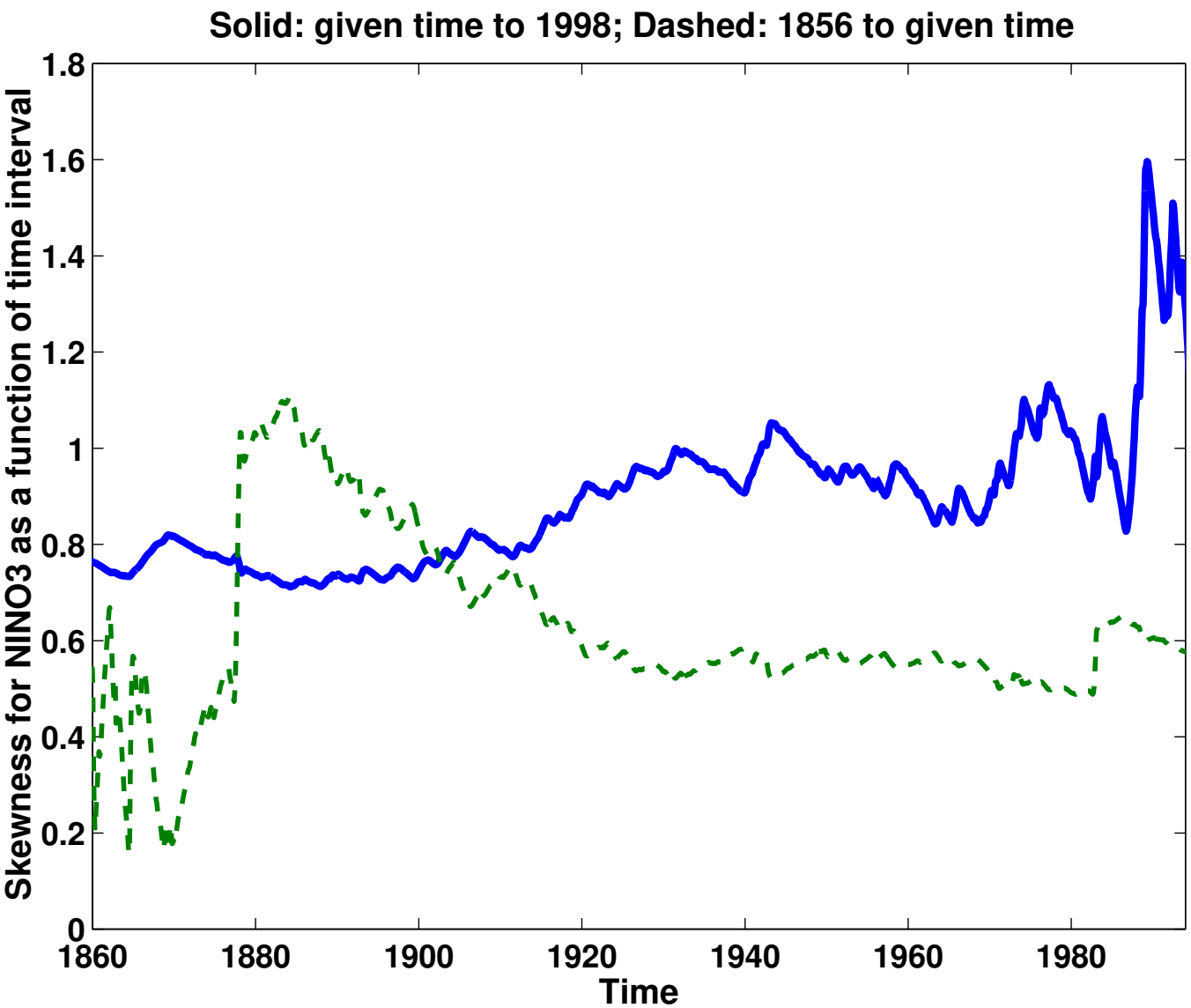


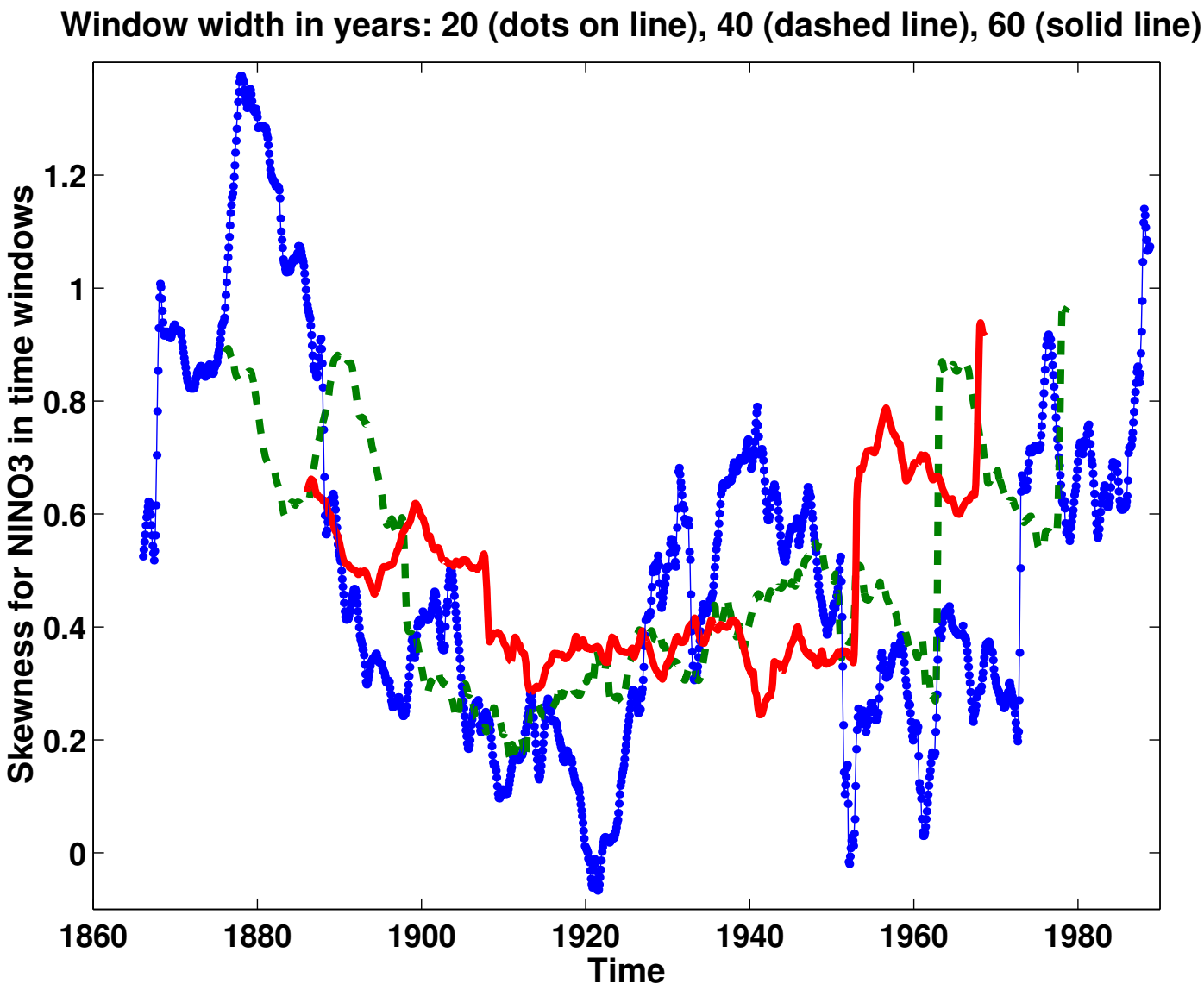
OS analysis: 1903-1991, $5^o \times 5^o$



OS analysis: 1856-1991, $5^o \times 5^o$




Solid: given time to 1998; Dashed: 1856 to given time
Skewness for NINO3 as a function of time interval
Time
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
1860
1880
1900
1920
1940
1960
1980


Window width in years: 20 (dots on line), 40 (dashed line), 60 (solid line)
Skewness for NINO3 in time windows
1.2
1
0.8
0.6
0.4
0.2
0
1860
1880
1900
1920
1940
1960
1980
Time