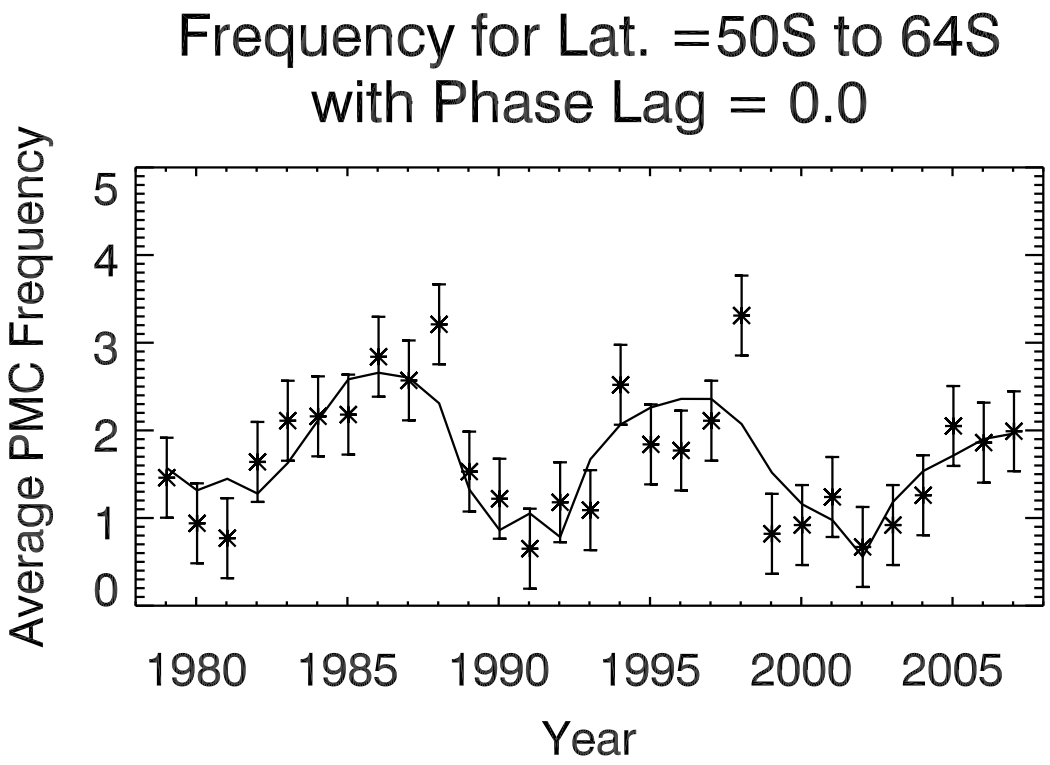
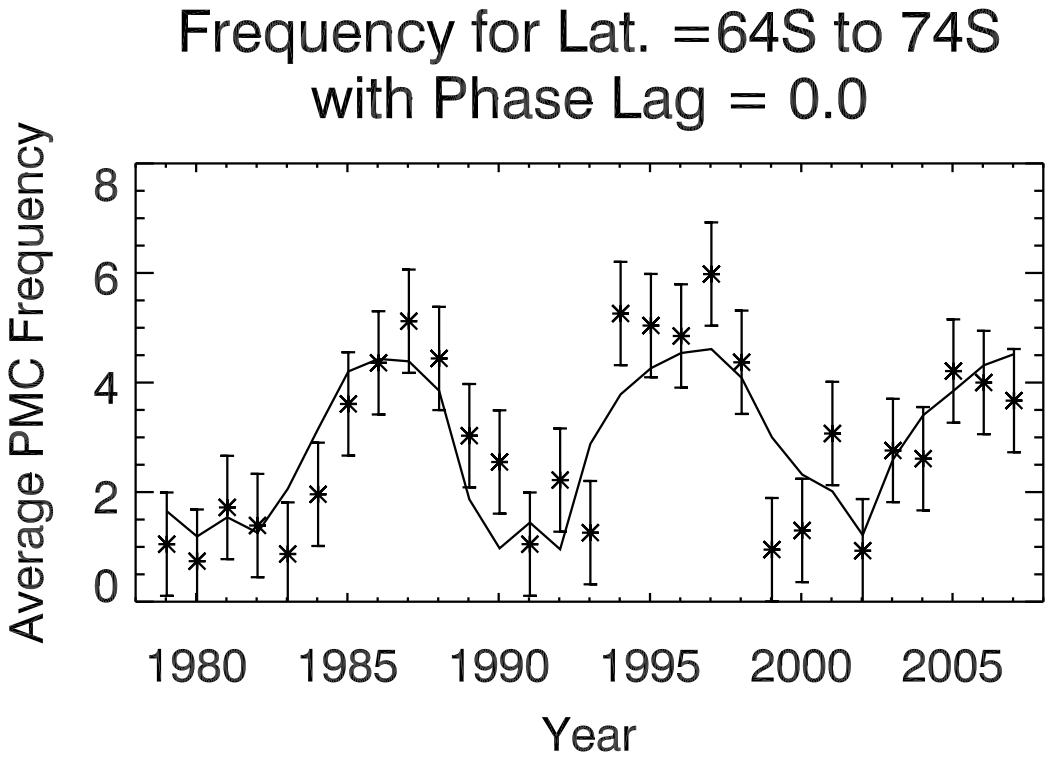
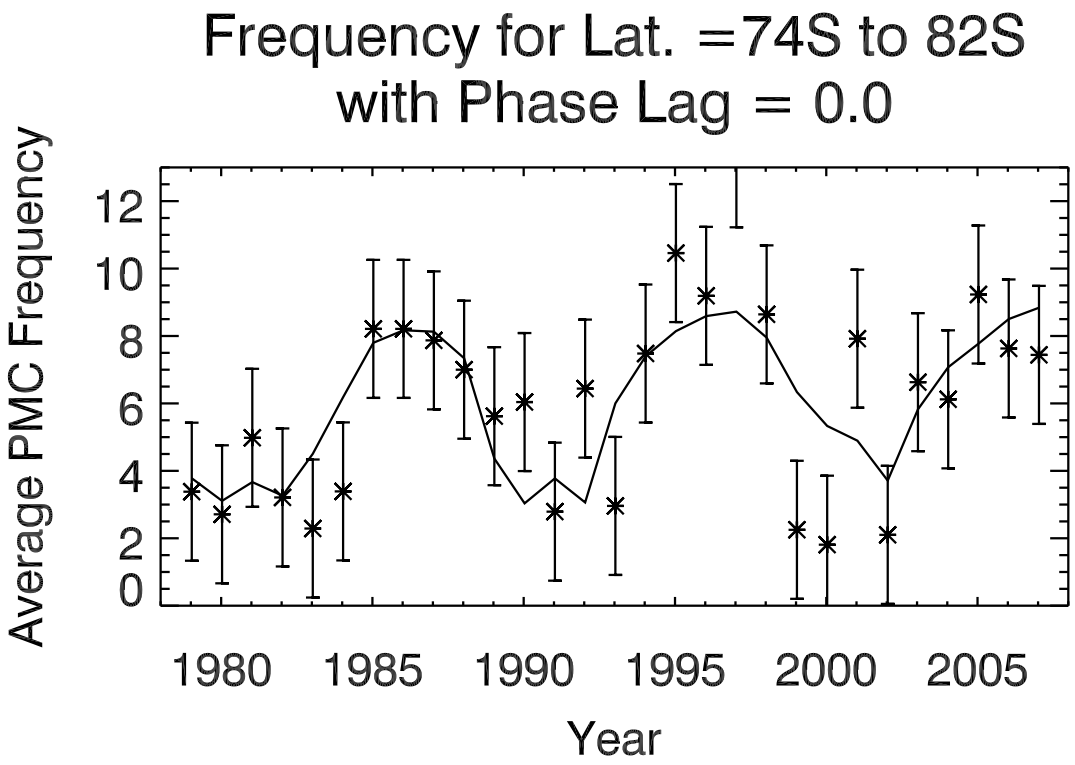
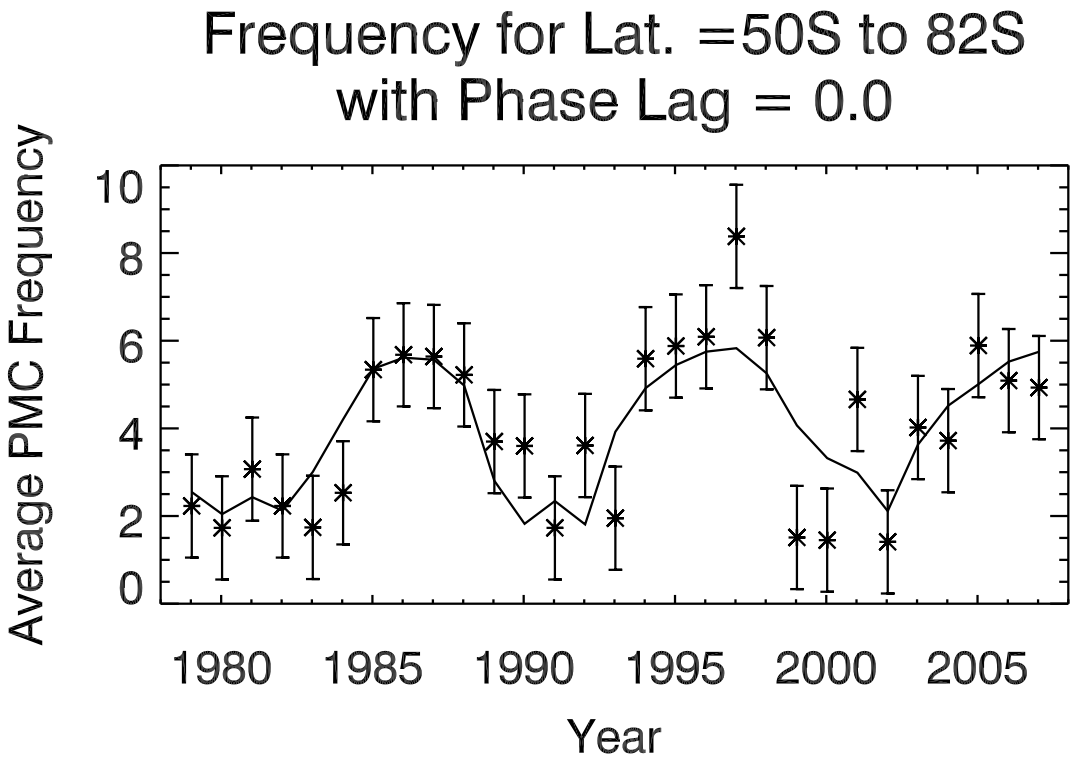
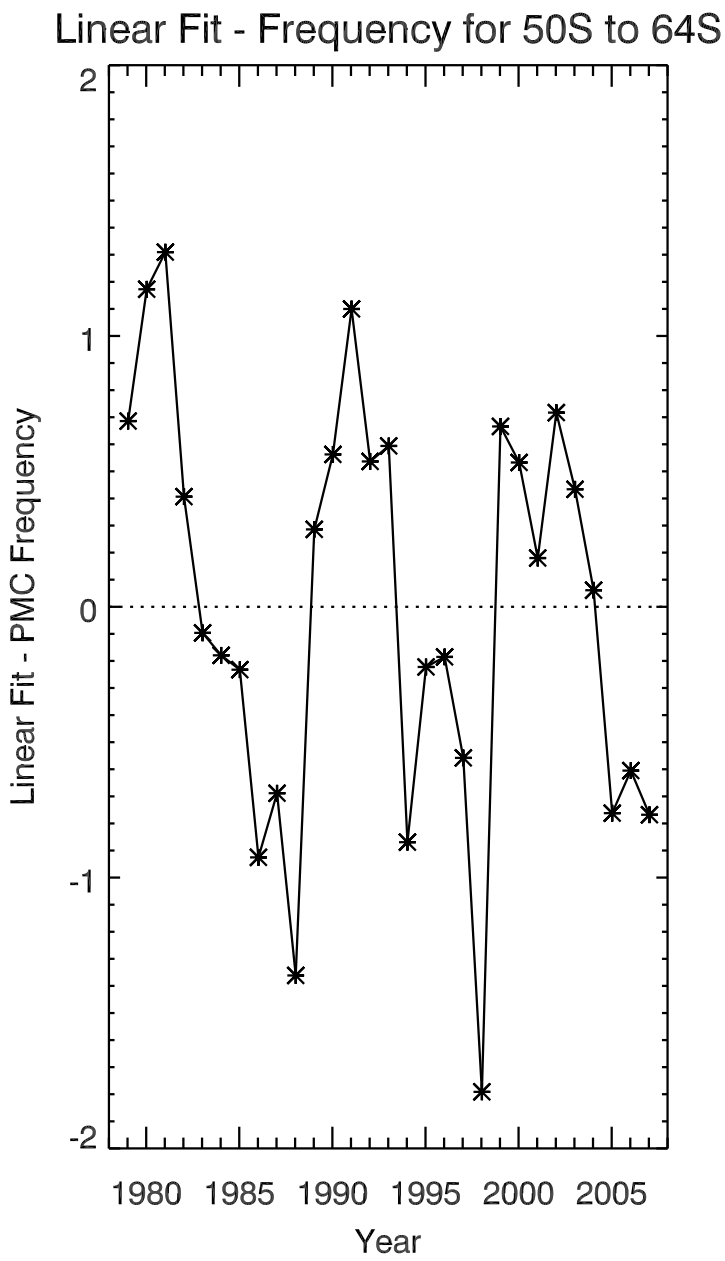
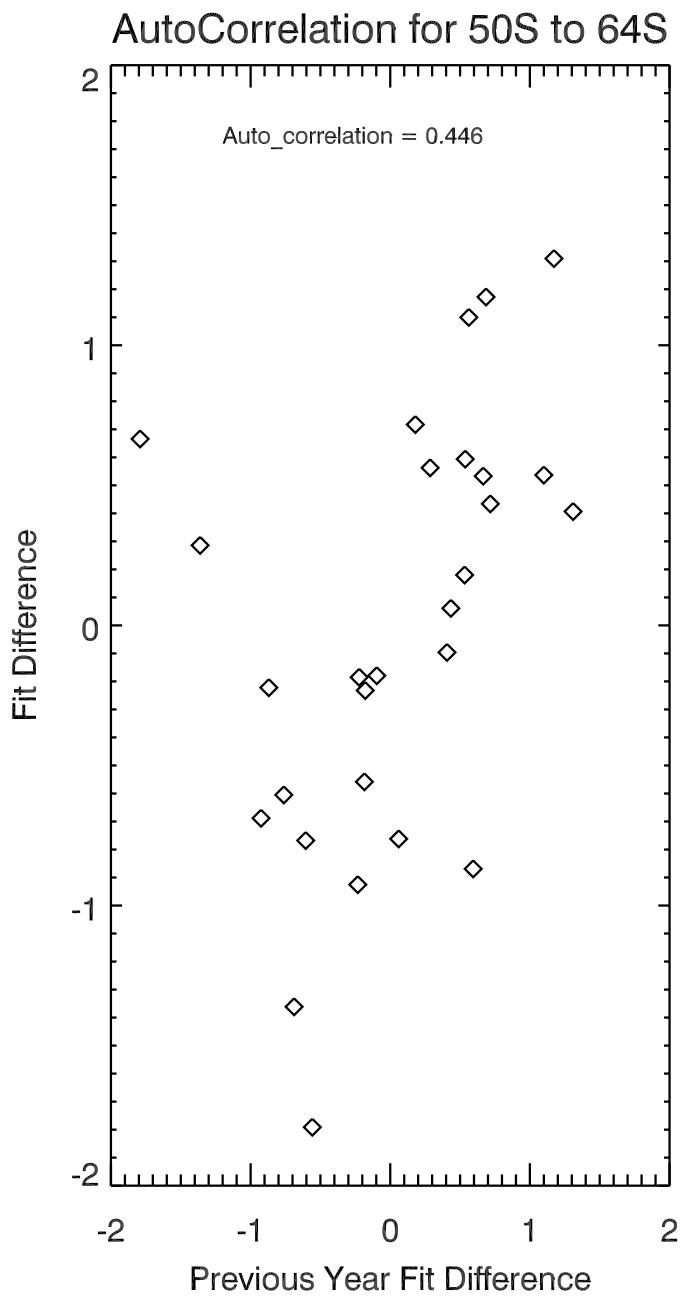

Frequency for Lat. =50S to 64S
with Phase Lag = 0.0
Average PMC Frequency
0
1
2
3
4
5
1980
1985
1990
1995
2000
2005
Year

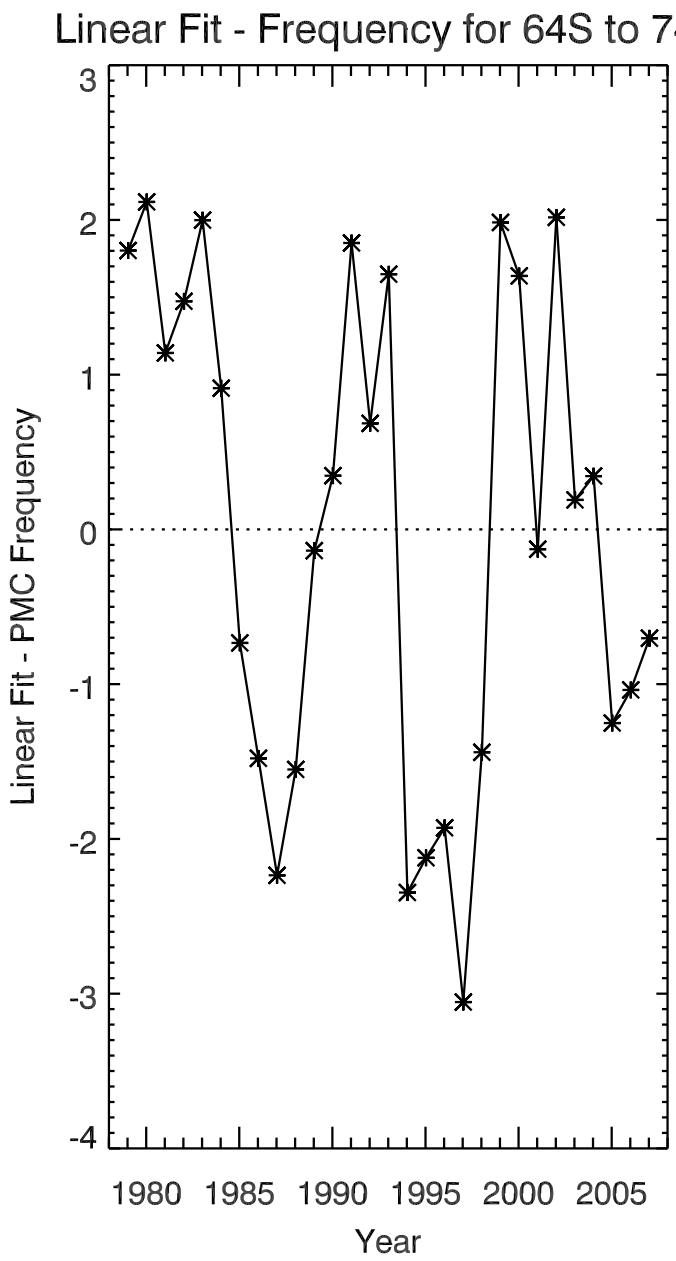

Frequency for Lat. =64S to 74S
with Phase Lag = 0.0
Average PMC Frequency
0
2
4
6
8
1980
1985
1990
1995
2000
2005
Year

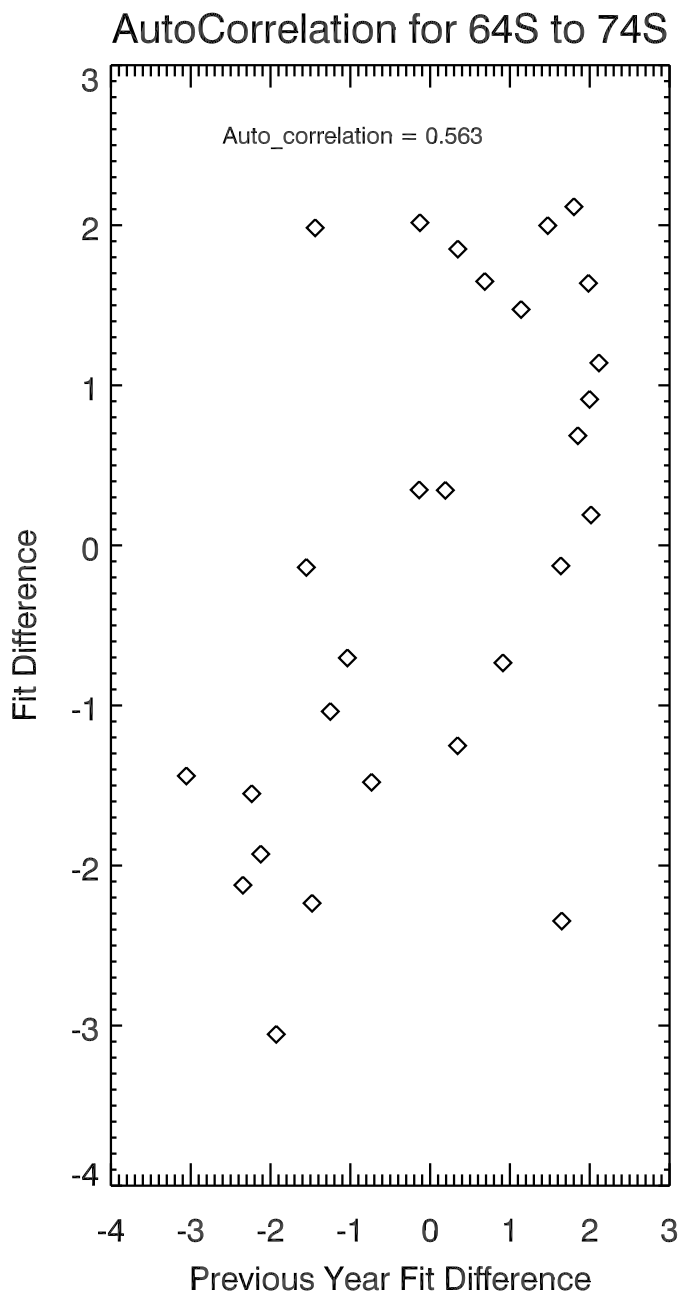

Frequency for Lat. =74S to 82S
with Phase Lag = 0.0
Average PMC Frequency
0
2
4
6
8
10
12
1980
1985
1990
1995
2000
2005
Year

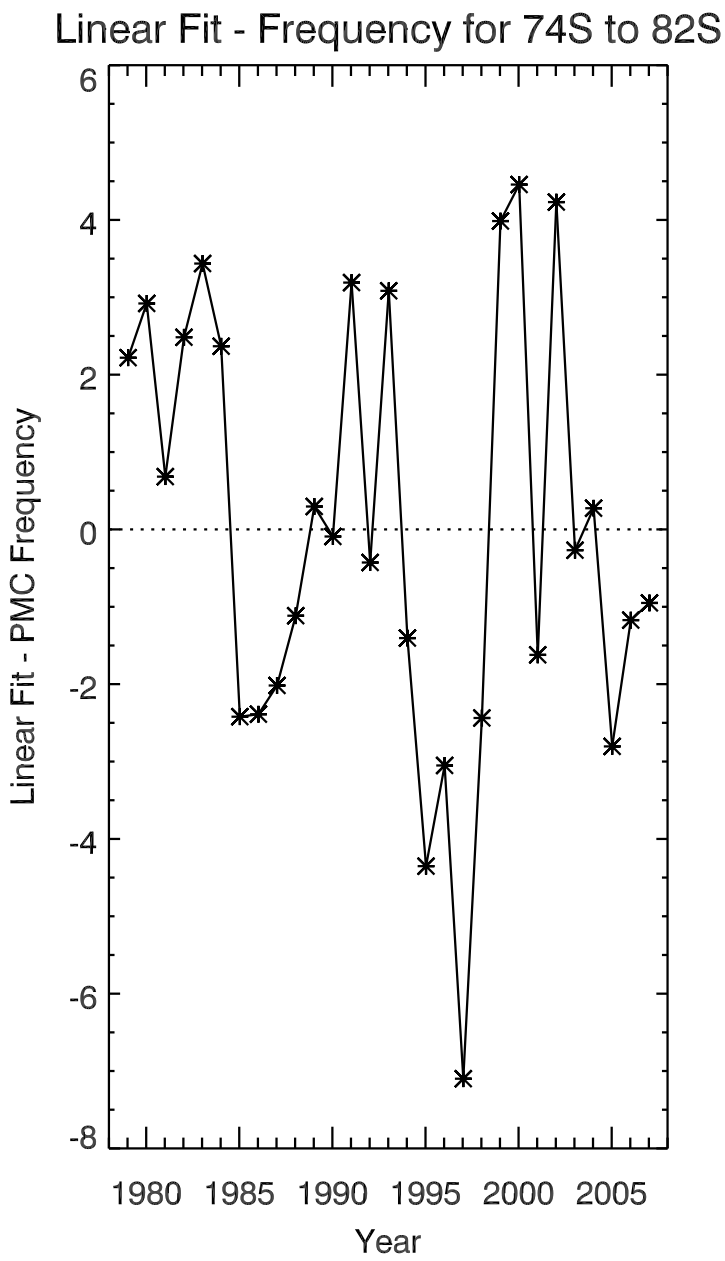

Frequency for Lat. =50S to 82S
with Phase Lag = 0.0
Average PMC Frequency
0
2
4
6
8
10
1980
1985
1990
1995
2000
2005
Year

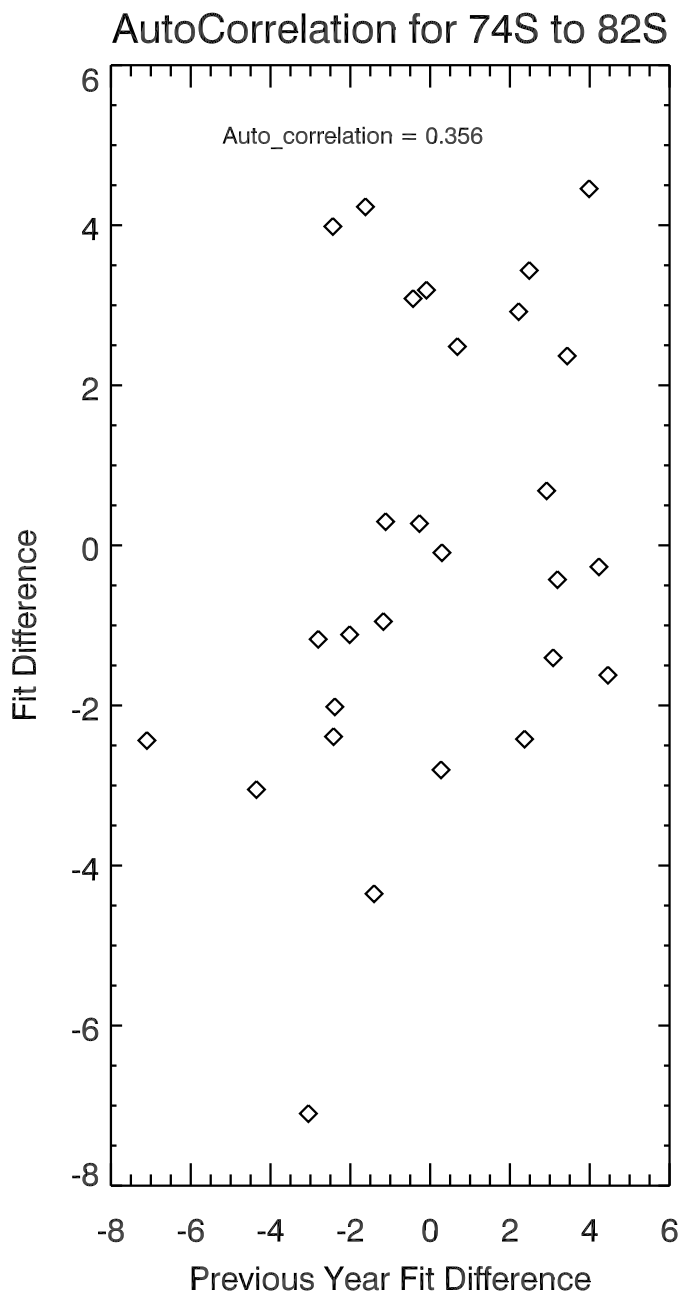

Linear Fit - Frequency for 50S to 64S
Linear Fit - PMC Frequency
Year
2
1
0
-1
-2
1980
1985
1990
1995
2000
2005

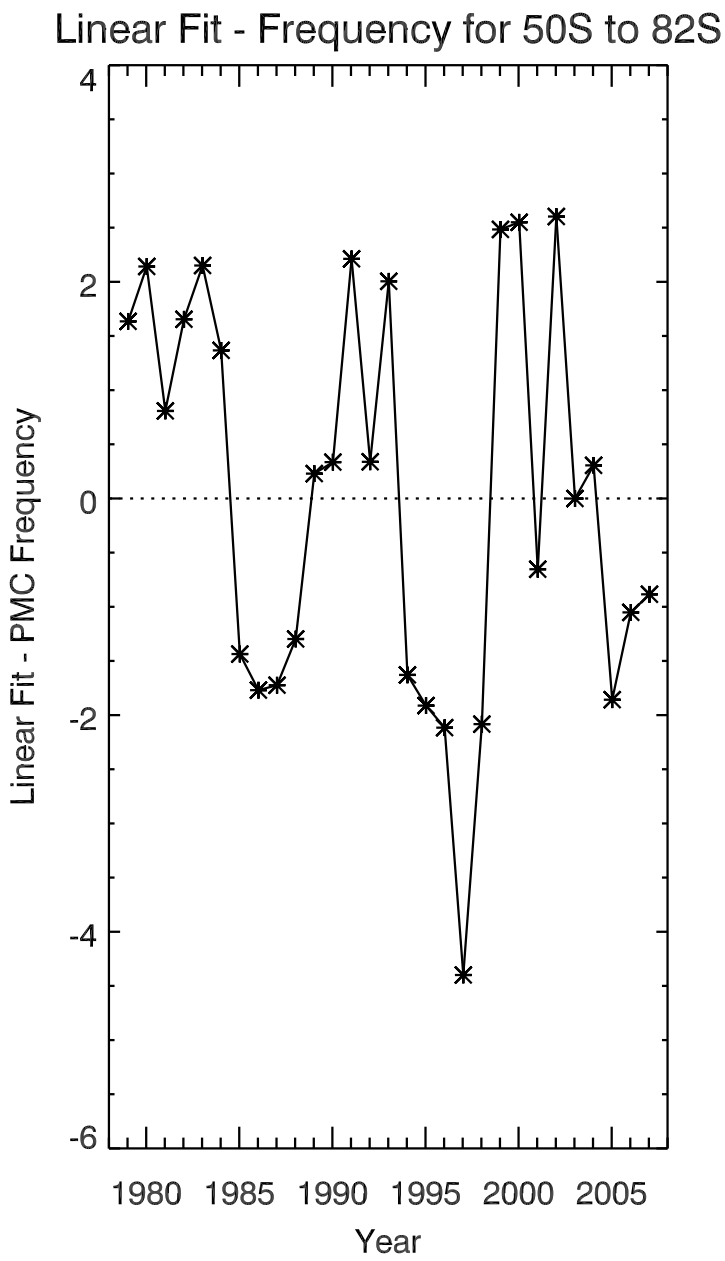

AutoCorrelation for 50S to 64S
Auto_correlation = 0.446
Fit Difference
Previous Year Fit Difference
2
1
0
-1
-2

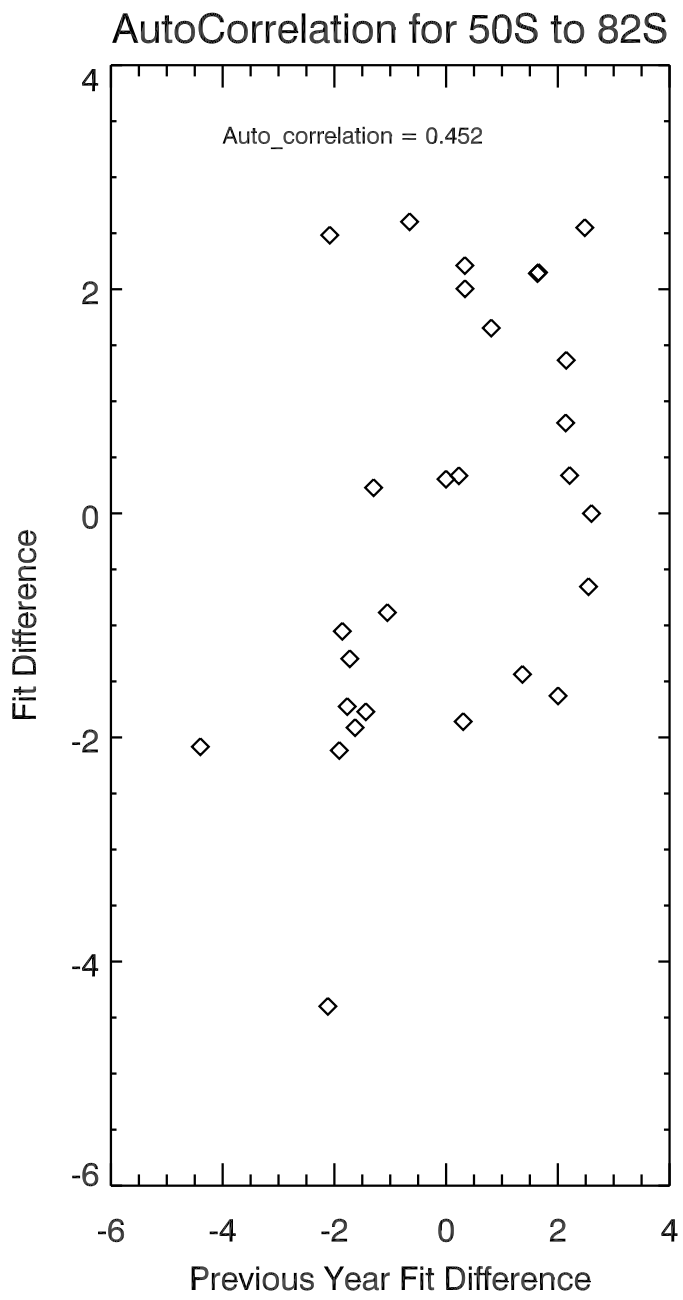

Linear Fit - Frequency for 64S to 74S
Linear Fit - PMC Frequency
Year
3
2
1
0
-1
-2
-3
-4
1980
1985
1990
1995
2000
2005

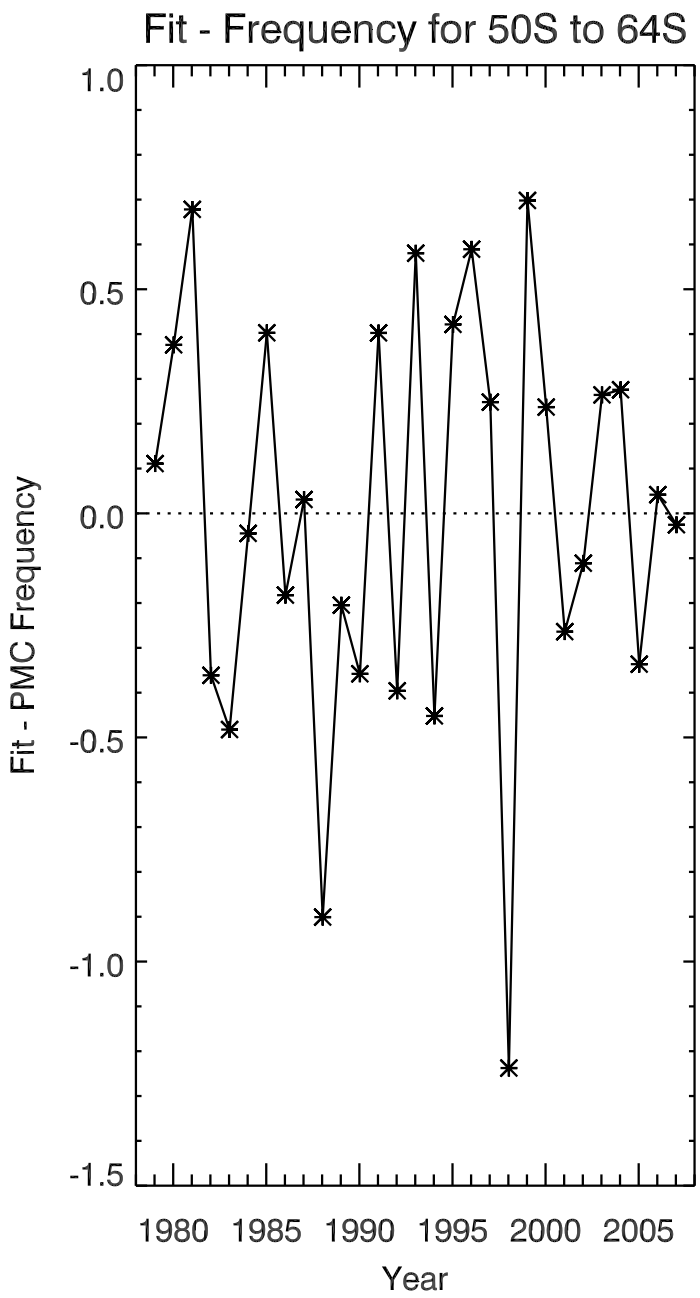

AutoCorrelation for 64S to 74S
Auto_correlation = 0.563
Fit Difference
Previous Year Fit Difference
3
2
1
0
-1
-2
-3
-4

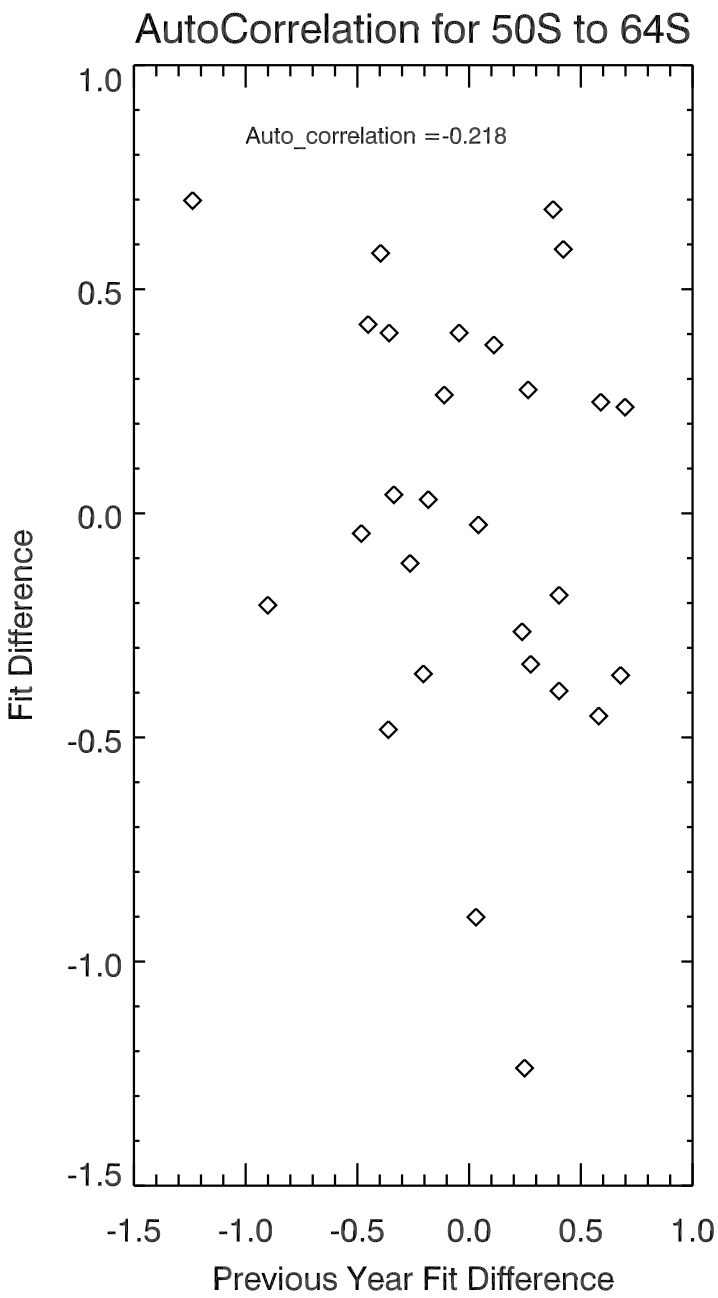

Linear Fit - Frequency for 74S to 82S
Linear Fit - PMC Frequency
Year
6
4
2
0
-2
-4
-6
-8
1980
1985
1990
1995
2000
2005

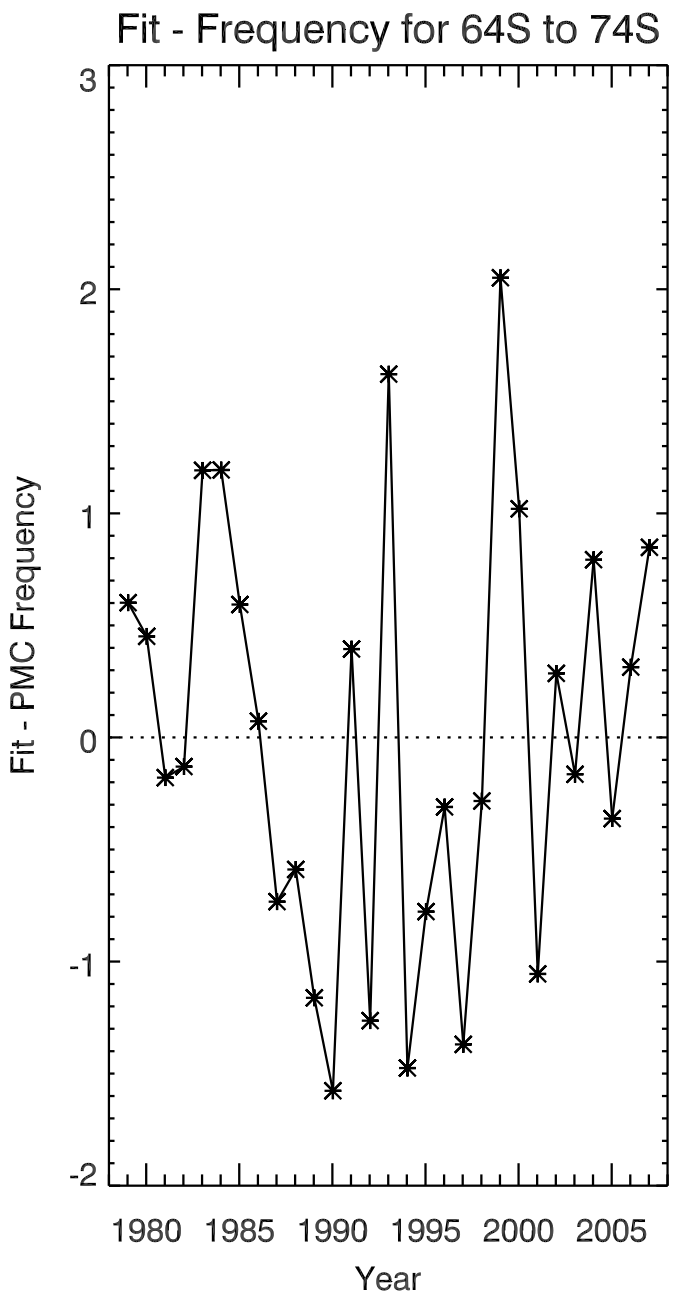

AutoCorrelation for 74S to 82S
Auto_correlation = 0.356
Fit Difference
Previous Year Fit Difference
6
4
2
0
-2
-4
-6
-8

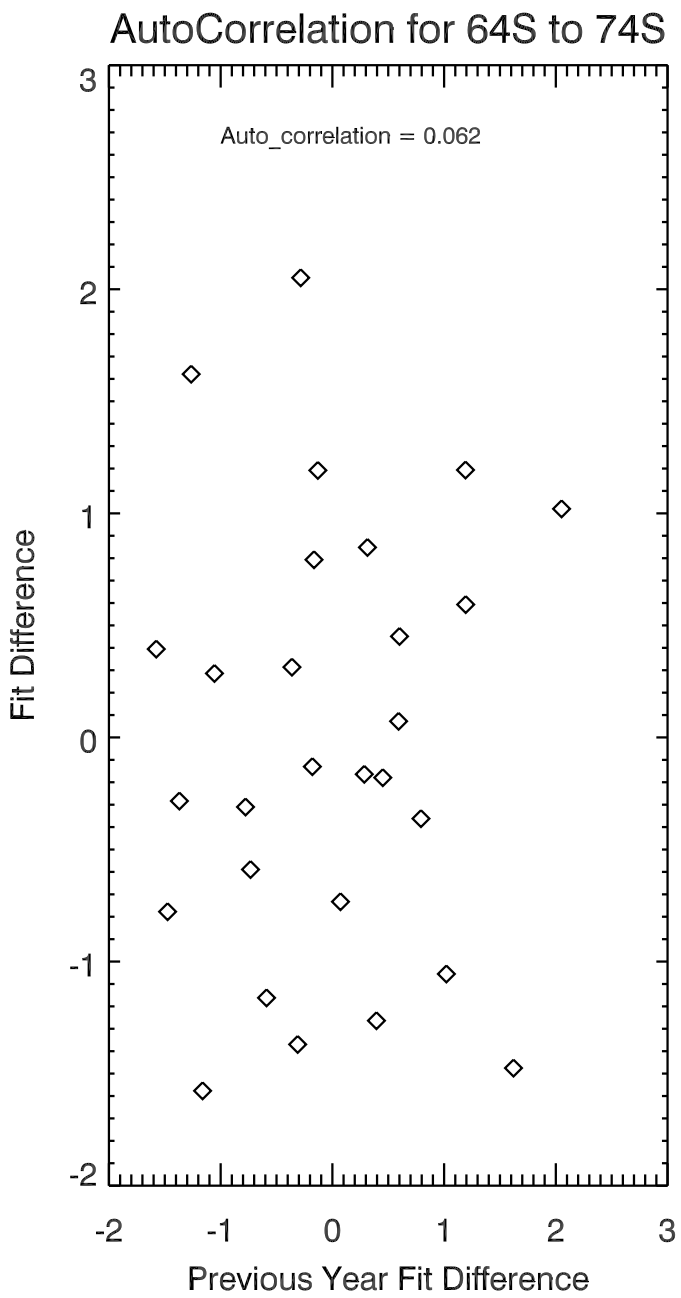

Linear Fit - Frequency for 50S to 82S
Linear Fit - PMC Frequency
Year
4
2
0
-2
-4
-6
1980
1985
1990
1995
2000
2005

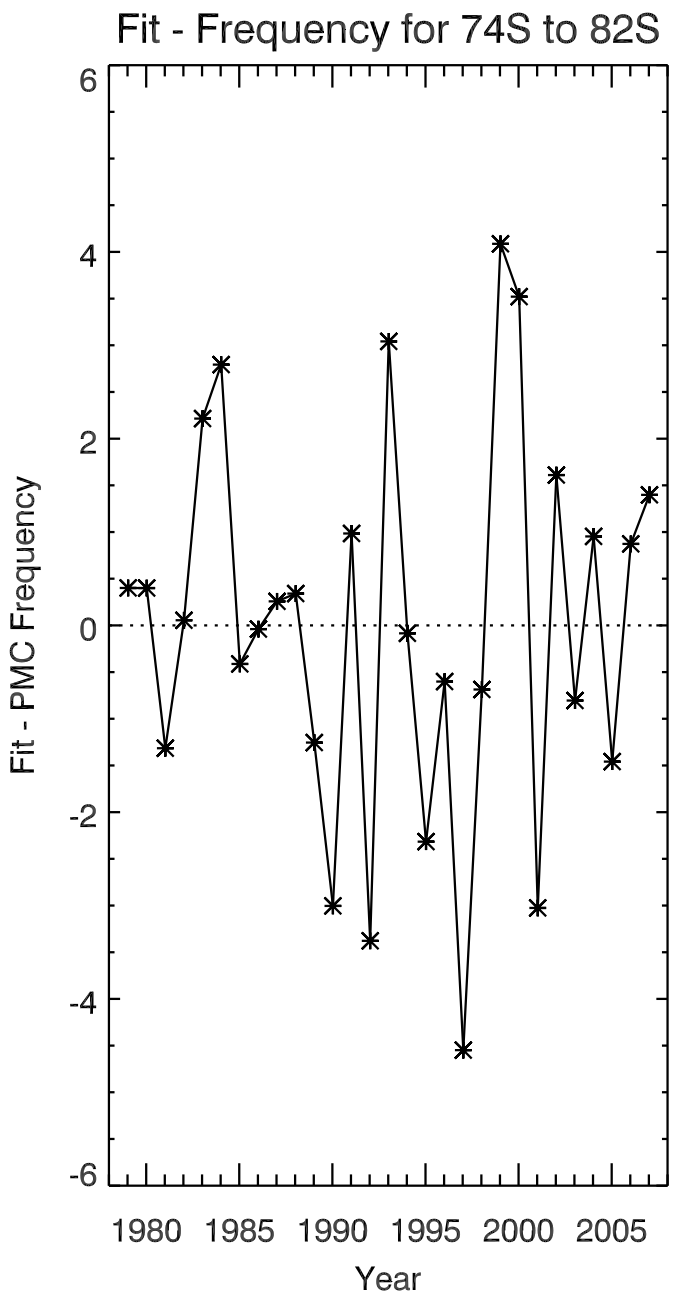

AutoCorrelation for 50S to 82S
Auto_correlation = 0.452
Fit Difference
Previous Year Fit Difference
4
2
0
-2
-4
-6

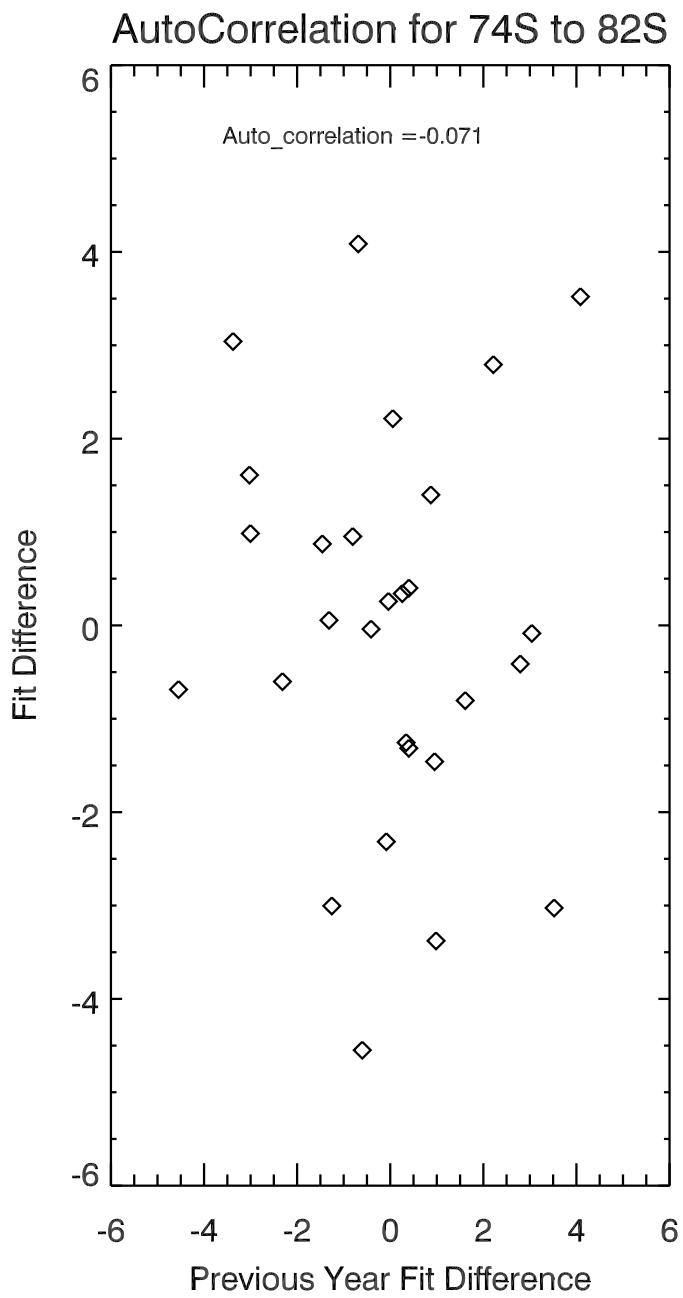

Fit - Frequency for 50S to 64S
Fit - PMC Frequency
1.0
0.5
0.0
-0.5
-1.0
-1.5
1980
1985
1990
1995
2000
2005
Year

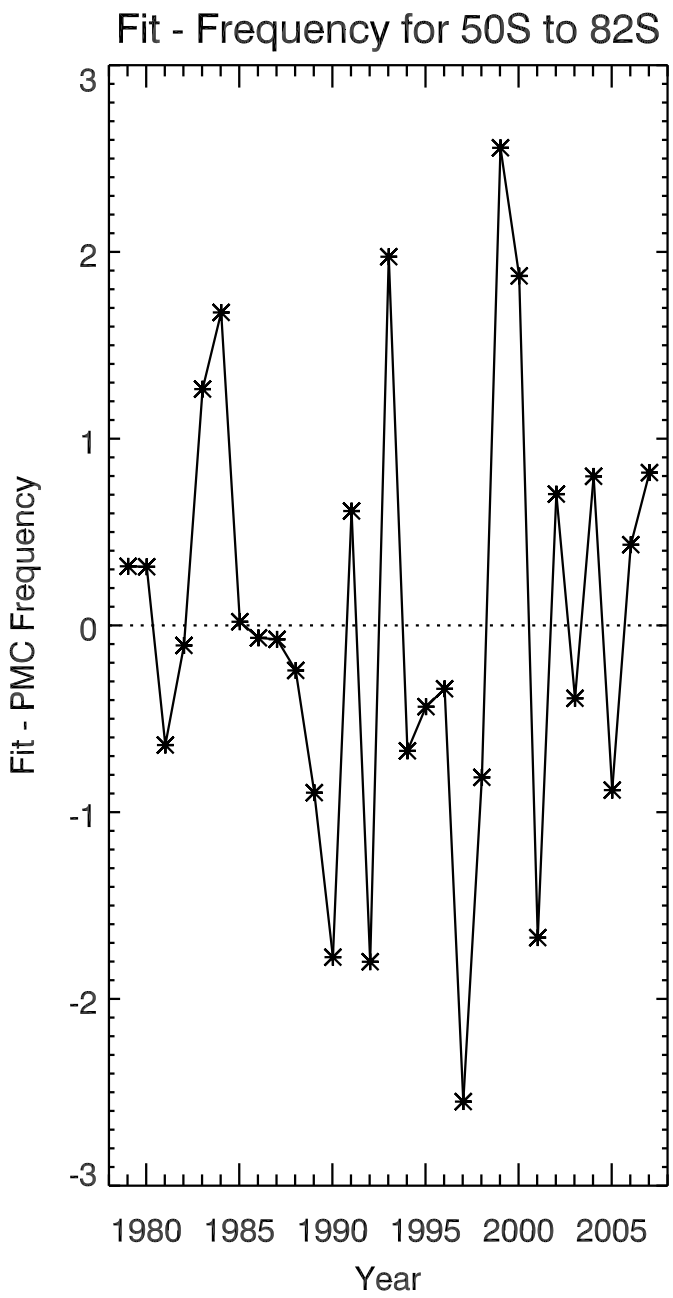

AutoCorrelation for 50S to 64S
Auto_correlation =-0.218
Fit Difference
1.0
0.5
0.0
-0.5
-1.0
-1.5
-1.5
-1.0
-0.5
0.0
0.5
1.0
Previous Year Fit Difference

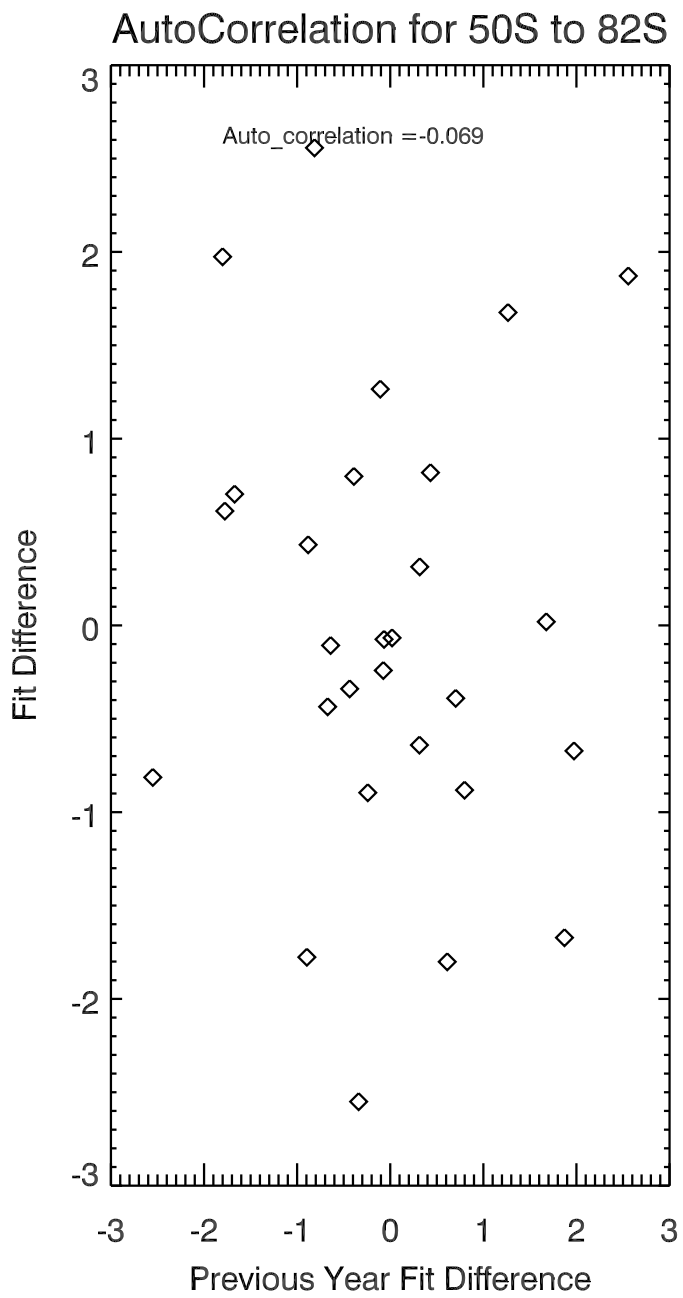

Fit - Frequency for 64S to 74S
Fit - PMC Frequency
Year
3
2
1
0
-1
-2
1980
1985
1990
1995
2000
2005


AutoCorrelation for 64S to 74S
Auto_correlation = 0.062
Fit Difference
Previous Year Fit Difference
3
2
1
0
-1
-2
-2
-1
0
1
2
3

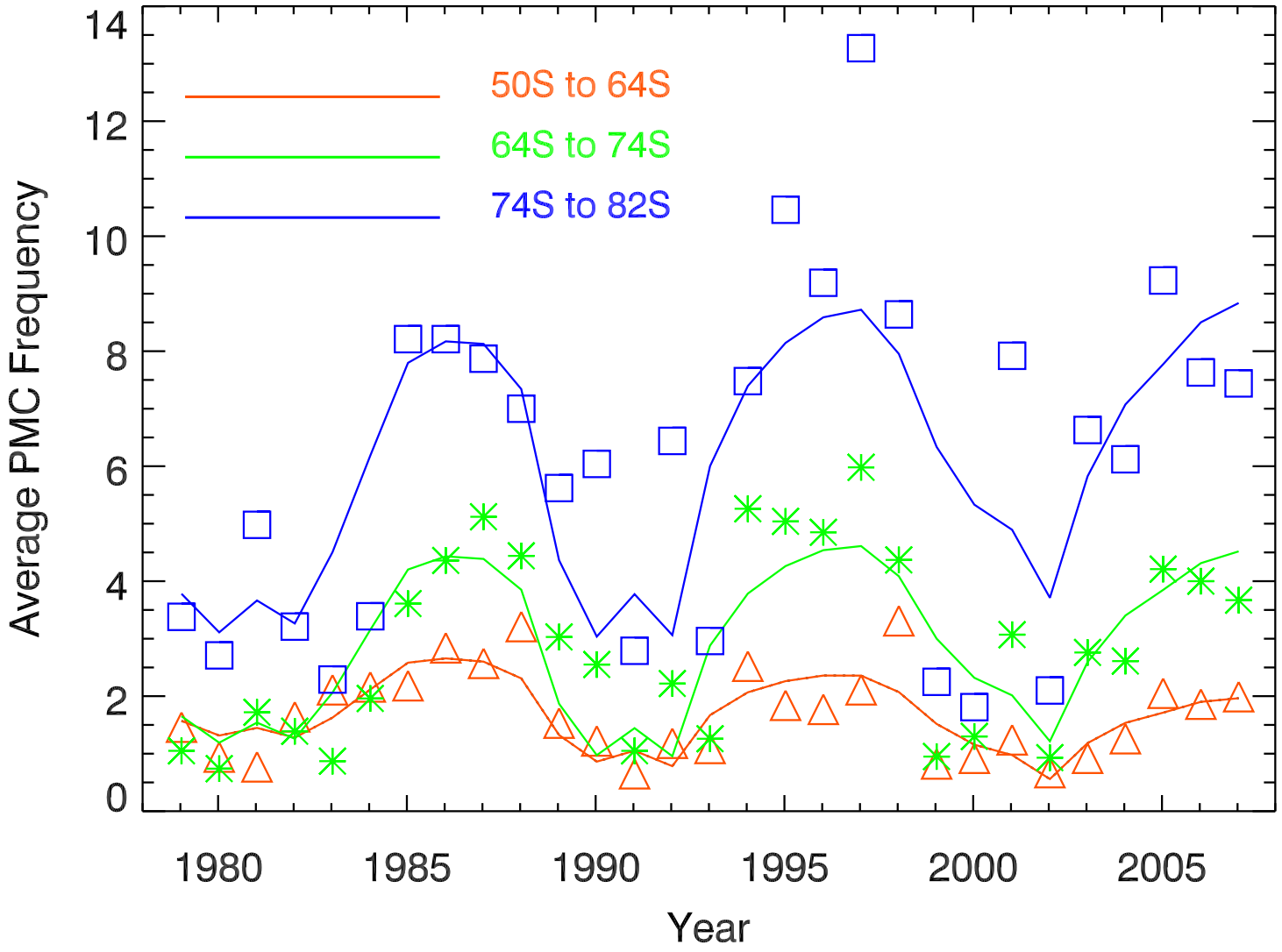

Fit - Frequency for 74S to 82S
Fit - PMC Frequency
Year
6
4
2
0
-2
-4
-6
1980
1985
1990
1995
2000
2005

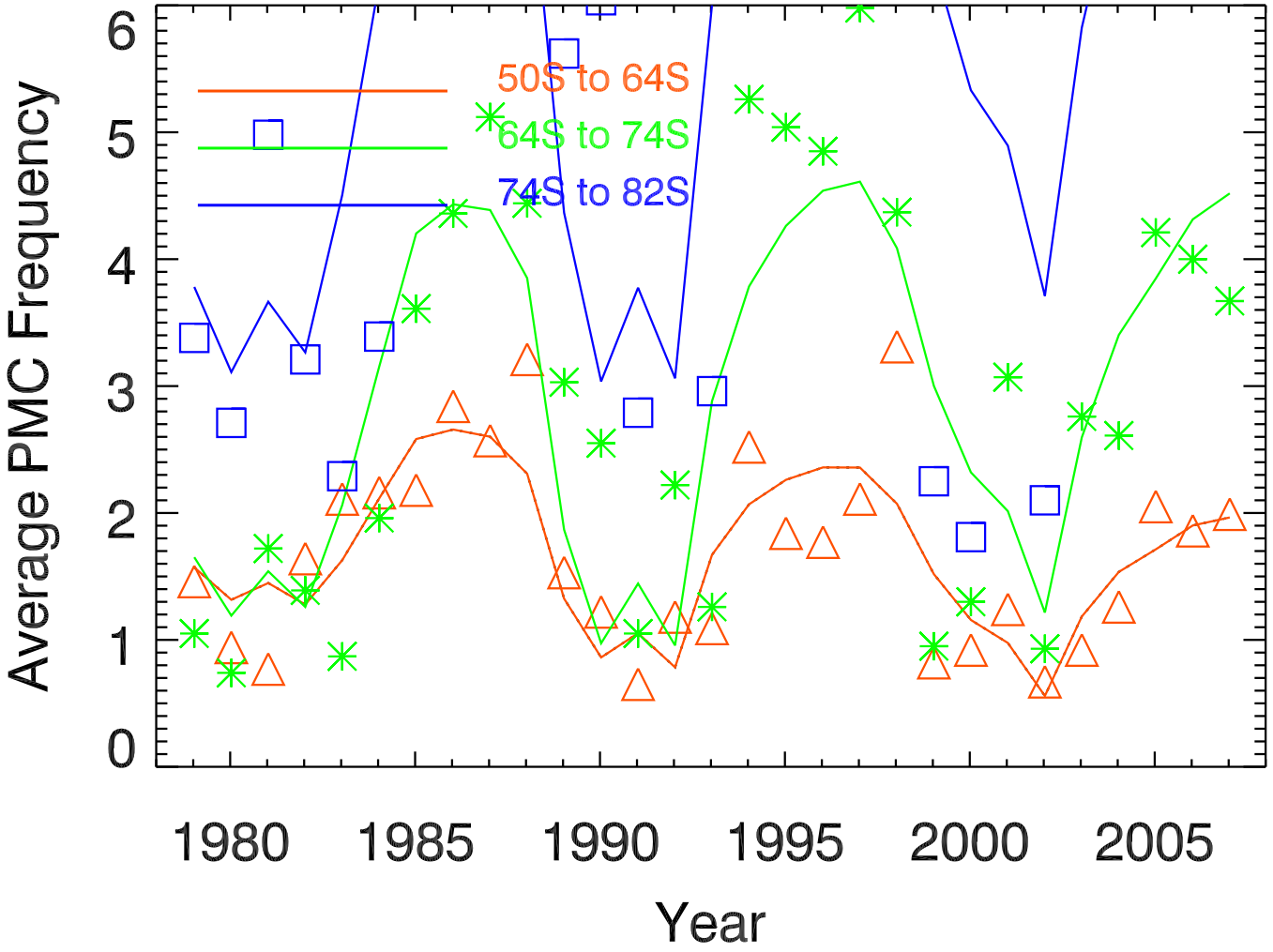

AutoCorrelation for 74S to 82S
Auto_correlation =-0.071
Fit Difference
Previous Year Fit Difference
6
4
2
0
-2
-4
-6


Fit - Frequency for 50S to 82S
Fit - PMC Frequency
Year
3
2
1
0
-1
-2
-3
1980
1985
1990
1995
2000
2005

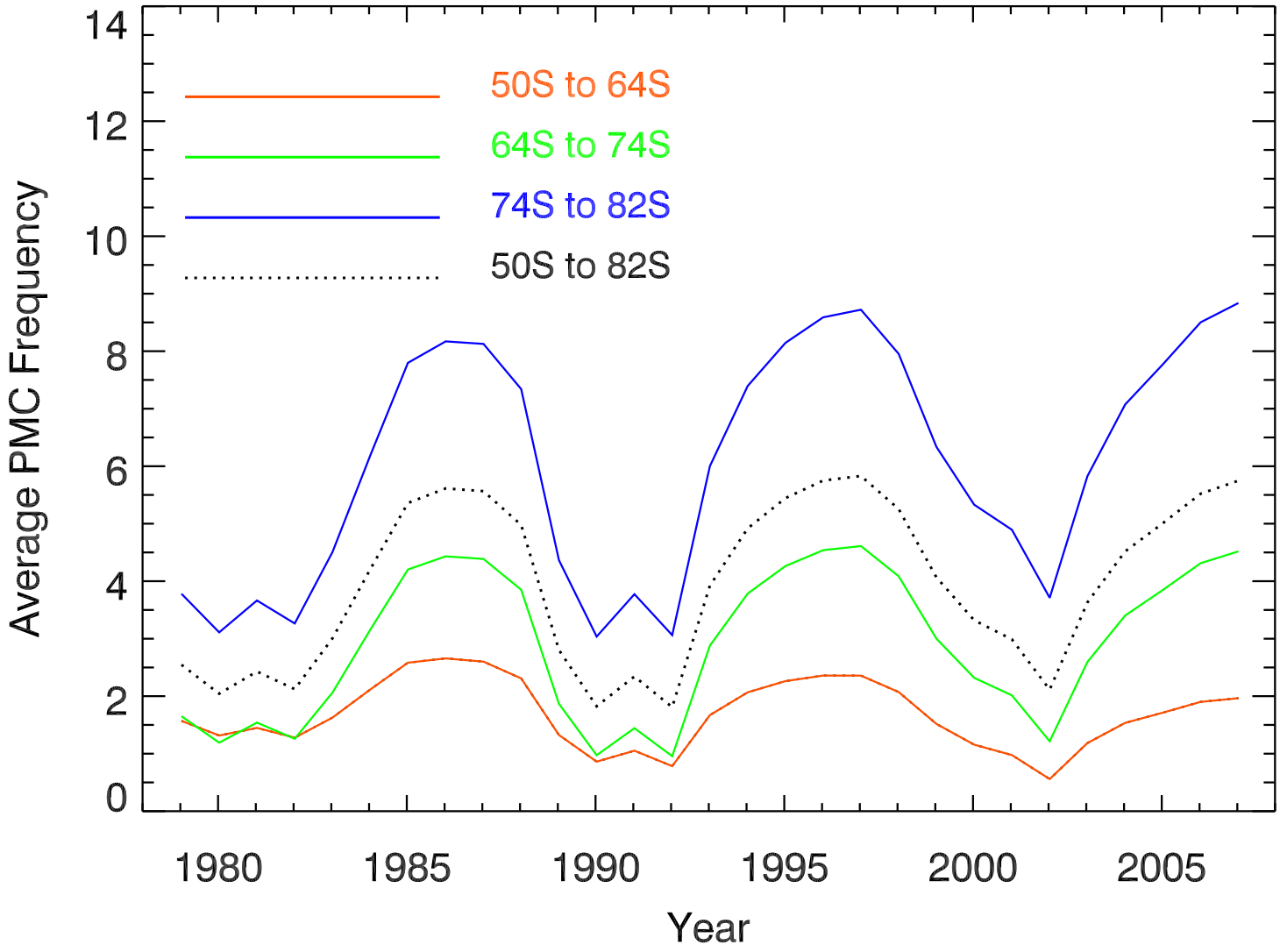

AutoCorrelation for 50S to 82S
Auto_correlation =-0.069
Fit Difference
Previous Year Fit Difference
3
2
1
0
-1
-2
-3

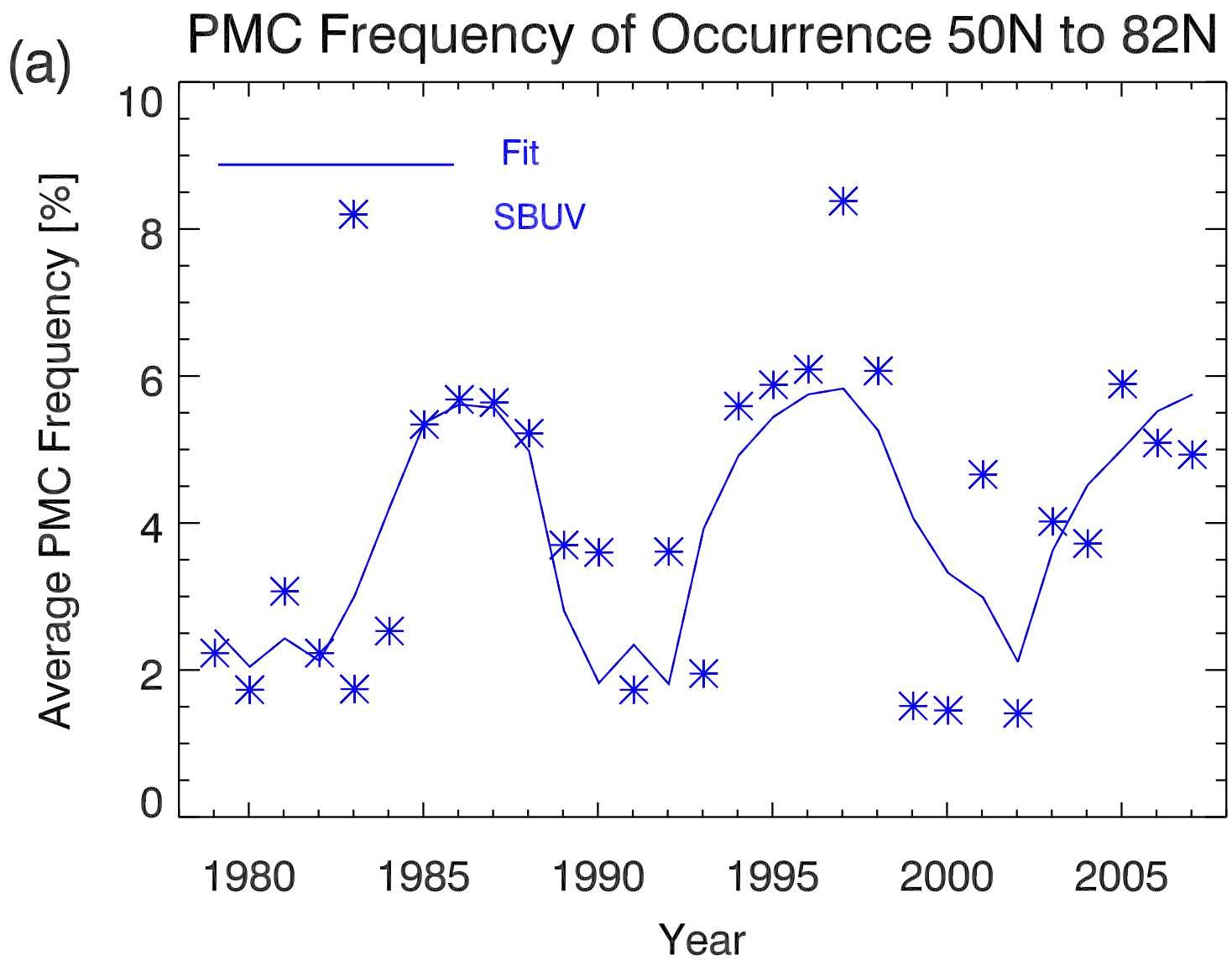
(a)


50S to 64S
64S to 74S
74S to 82S
Average PMC Frequency
Year
0
2
4
6
8
10
12
14
1980
1985
1990
1995
2000
2005


Average PMC Frequency
0
1
2
3
4
5
6
1980
1985
1990
1995
2000
2005
Year
50S to 64S
64S to 74S
74S to 82S

(a)


50S to 64S
64S to 74S
74S to 82S
50S to 82S
Average PMC Frequency
Year
0
2
4
6
8
10
12
14
1980
1985
1990
1995
2000
2005


(a)
PMC Frequency of Occurrence 50N to 82N
Fit
SBUV
Average PMC Frequency [%]
0
2
4
6
8
10
1980
1985
1990
1995
2000
2005
Year