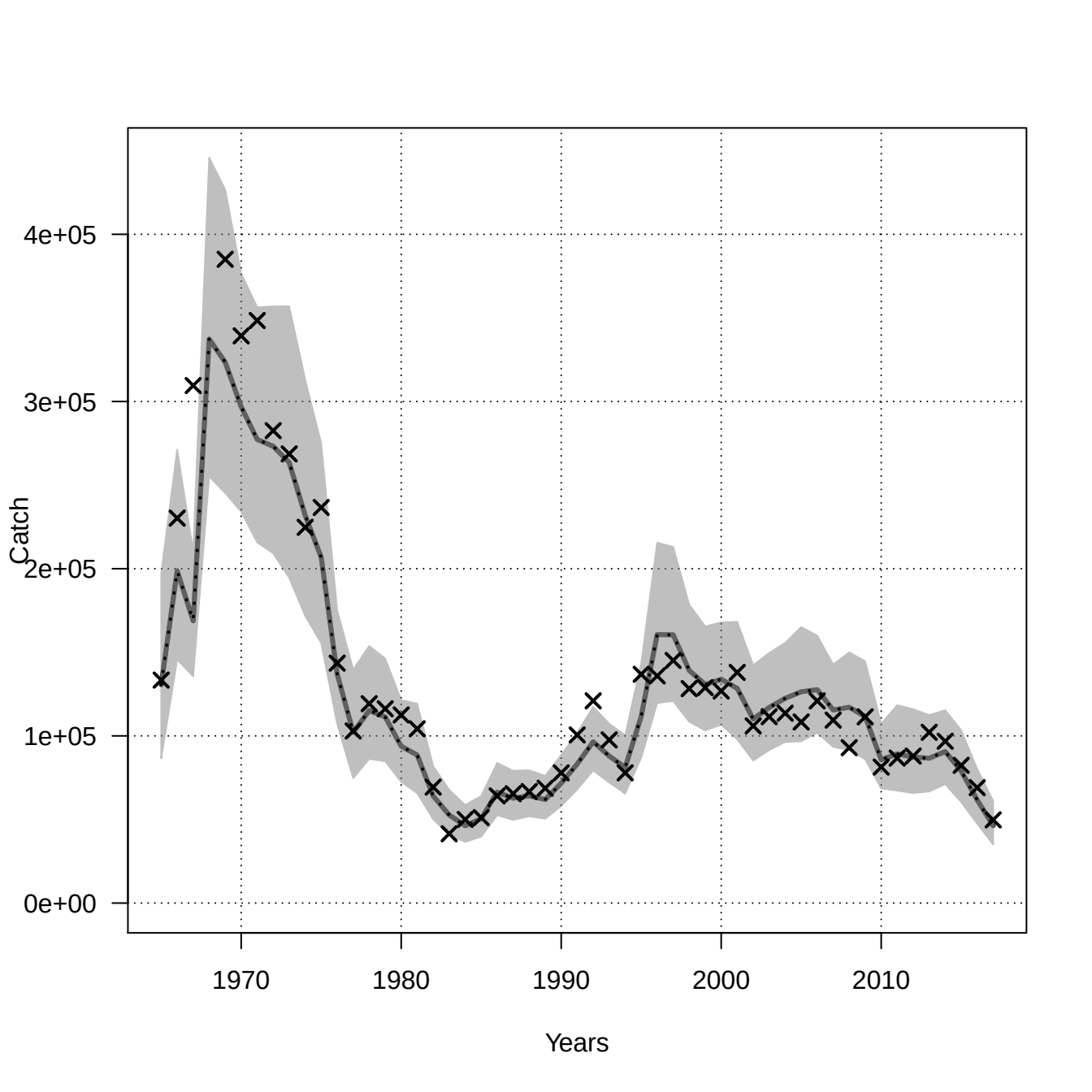
4e+05
3e+05
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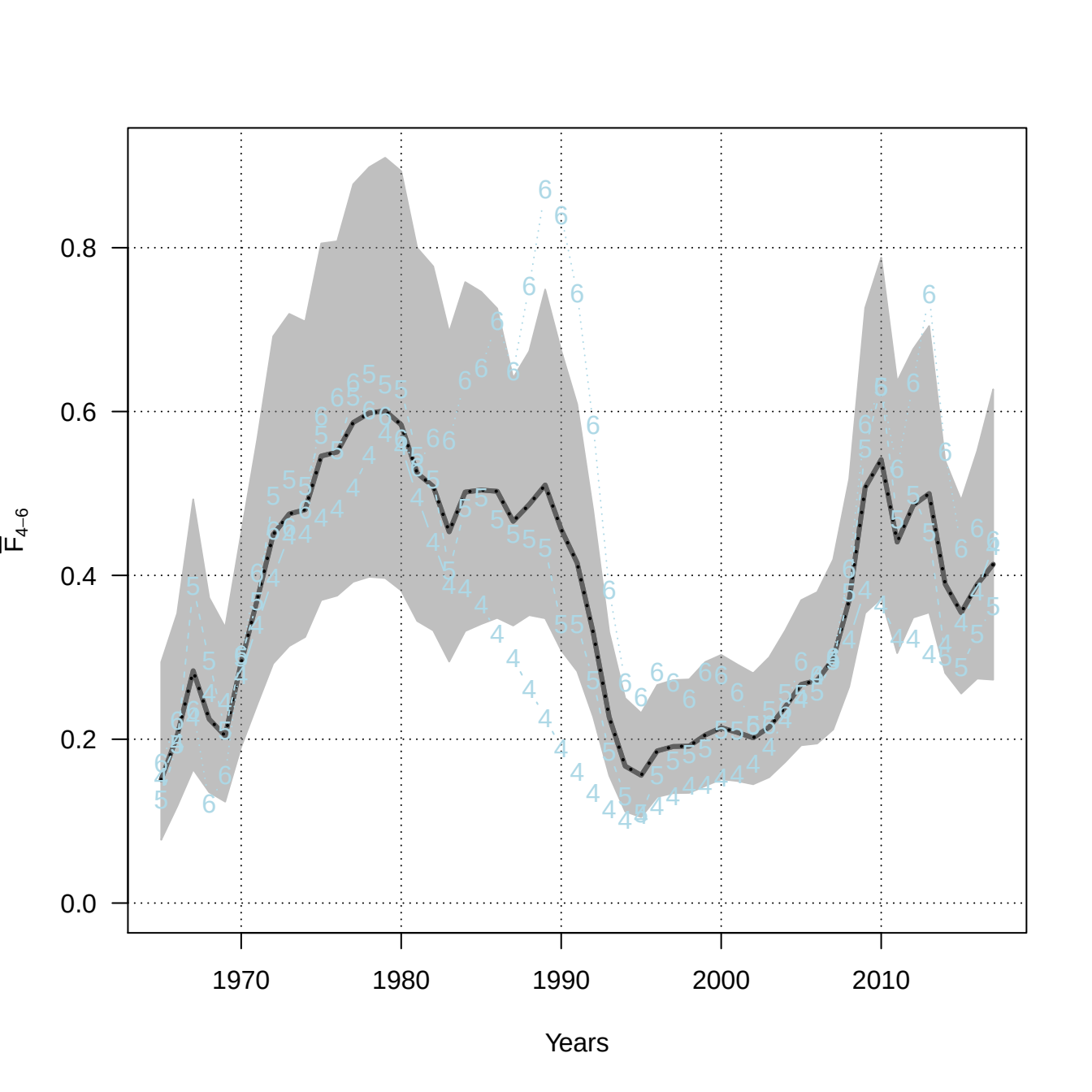
1e+05
0e+00
Catch
1970
1980
1990
2000
2010
Years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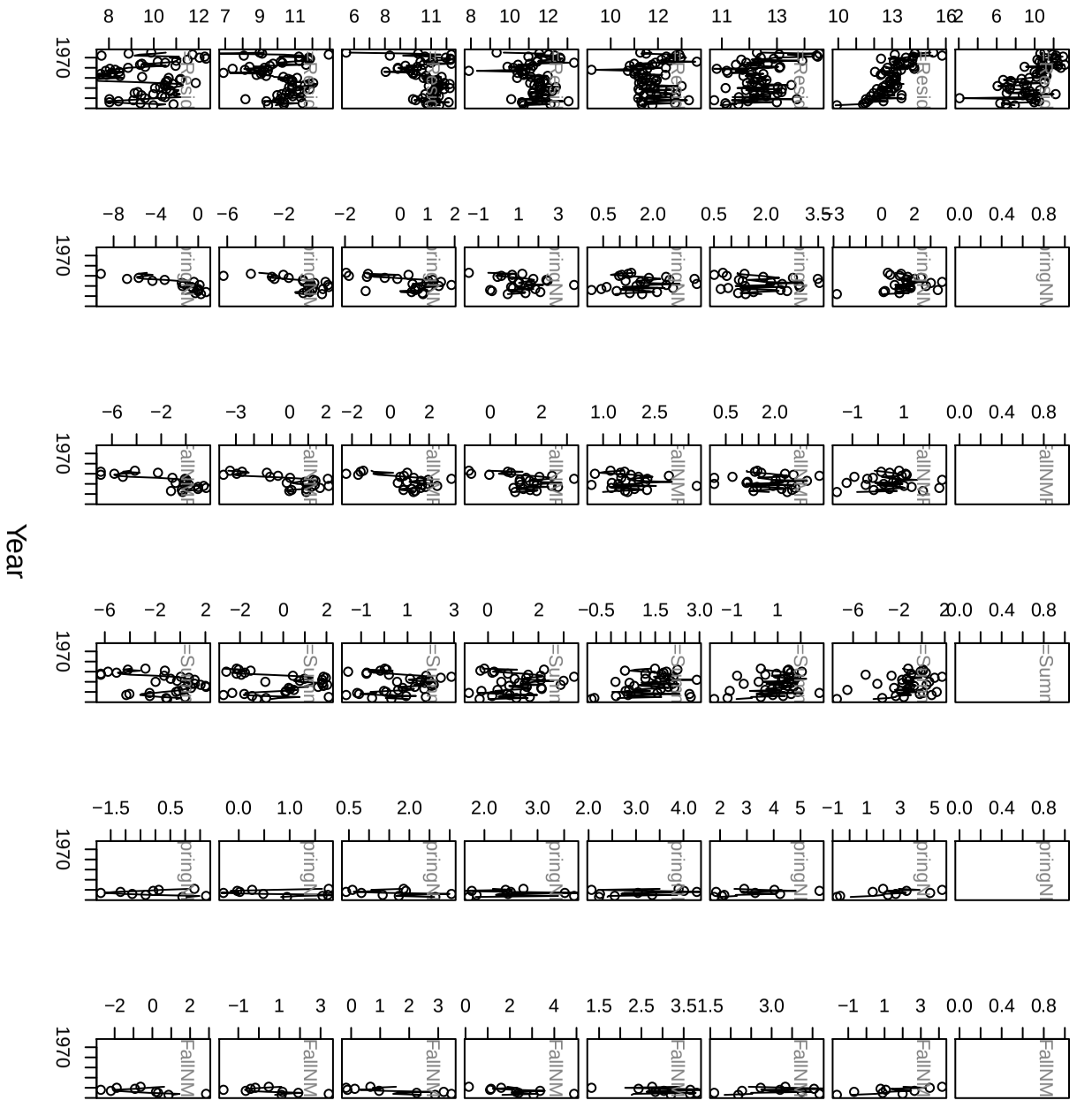
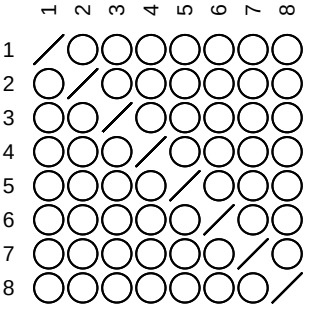
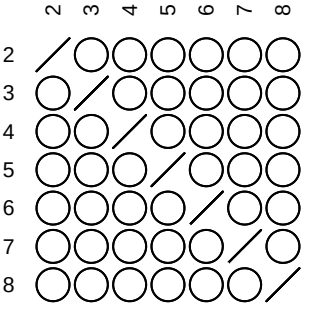
0.8
$\bar{F}_{4-6}$
1970
1980
1990
2000
2010
Years


Year
1970

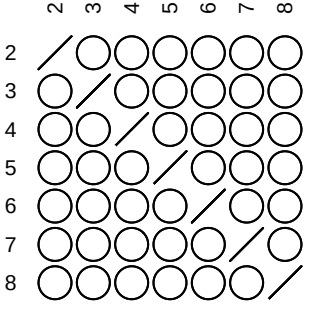
Residual catch



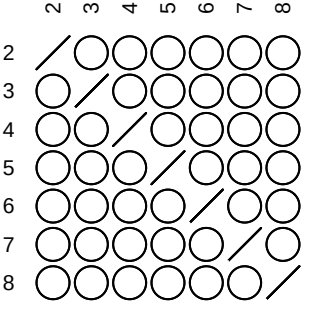
SpringNMFSBigelow



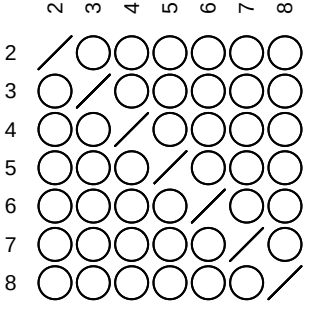
SpringNMFSAlbatross



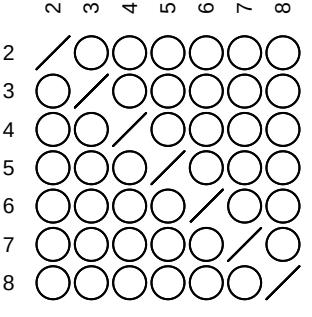
FallNMFSBigelow

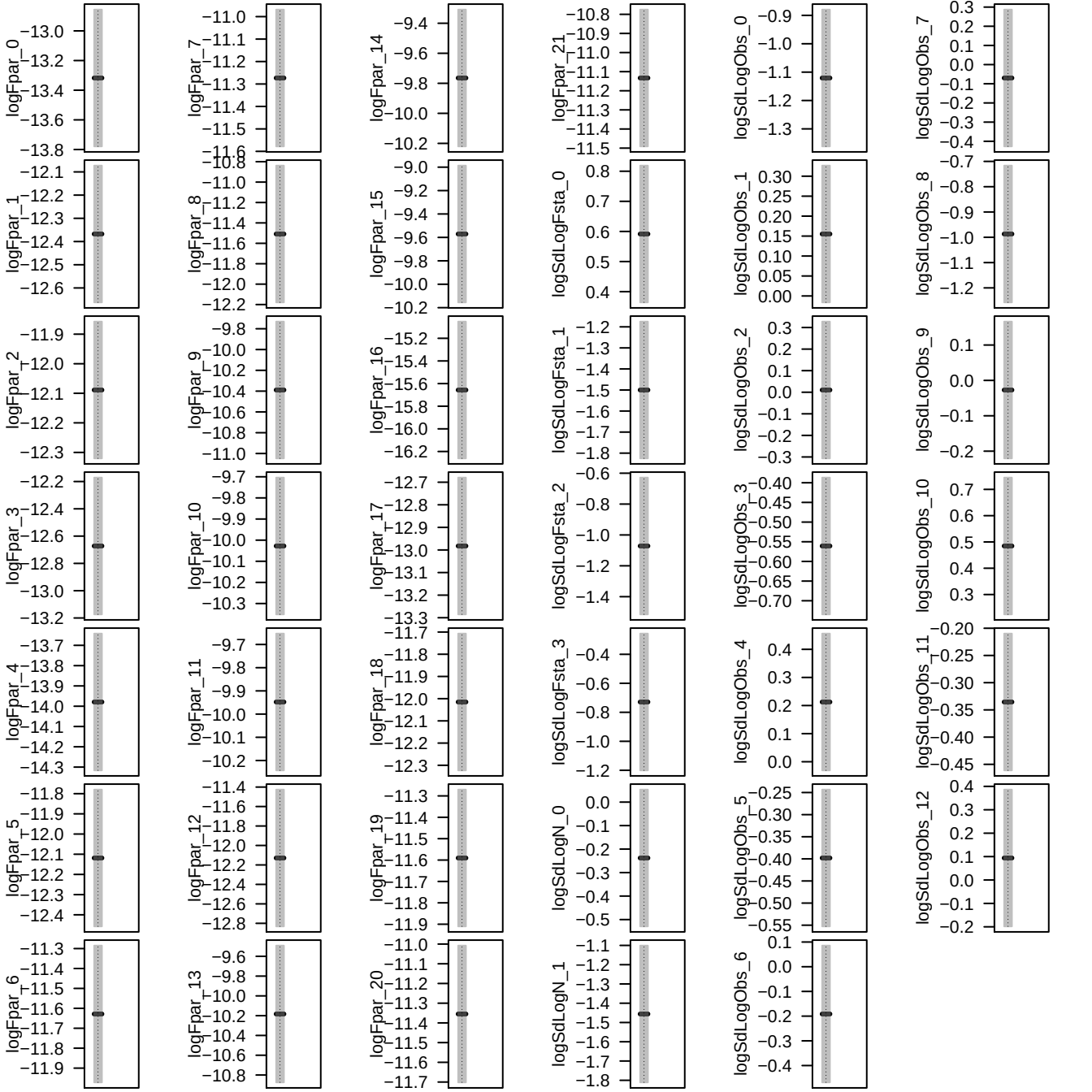


FallNMFSAlbatross



SummerNMFS

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logFpar_7
logFpar_14
logFpar_21
logSdLogObs_0
logSdLogObs_7
logFpar_1
logFpar_8
logFpar_15
logSdLogFsta_0
logSdLogObs_1
logSdLogObs_8
logFpar_2
logFpar_9
logFpar_16
logSdLogFsta_1
logSdLogObs_2
logSdLogObs_9
logFpar_3
logFpar_10
logFpar_17
logSdLogFsta_2
logSdLogObs_3
logSdLogObs_10
logFpar_4
logFpar_11
logFpar_18
logSdLogFsta_3
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logSdLogObs_11
logFpar_5
logFpar_12
logFpar_19
logSdLogN_0
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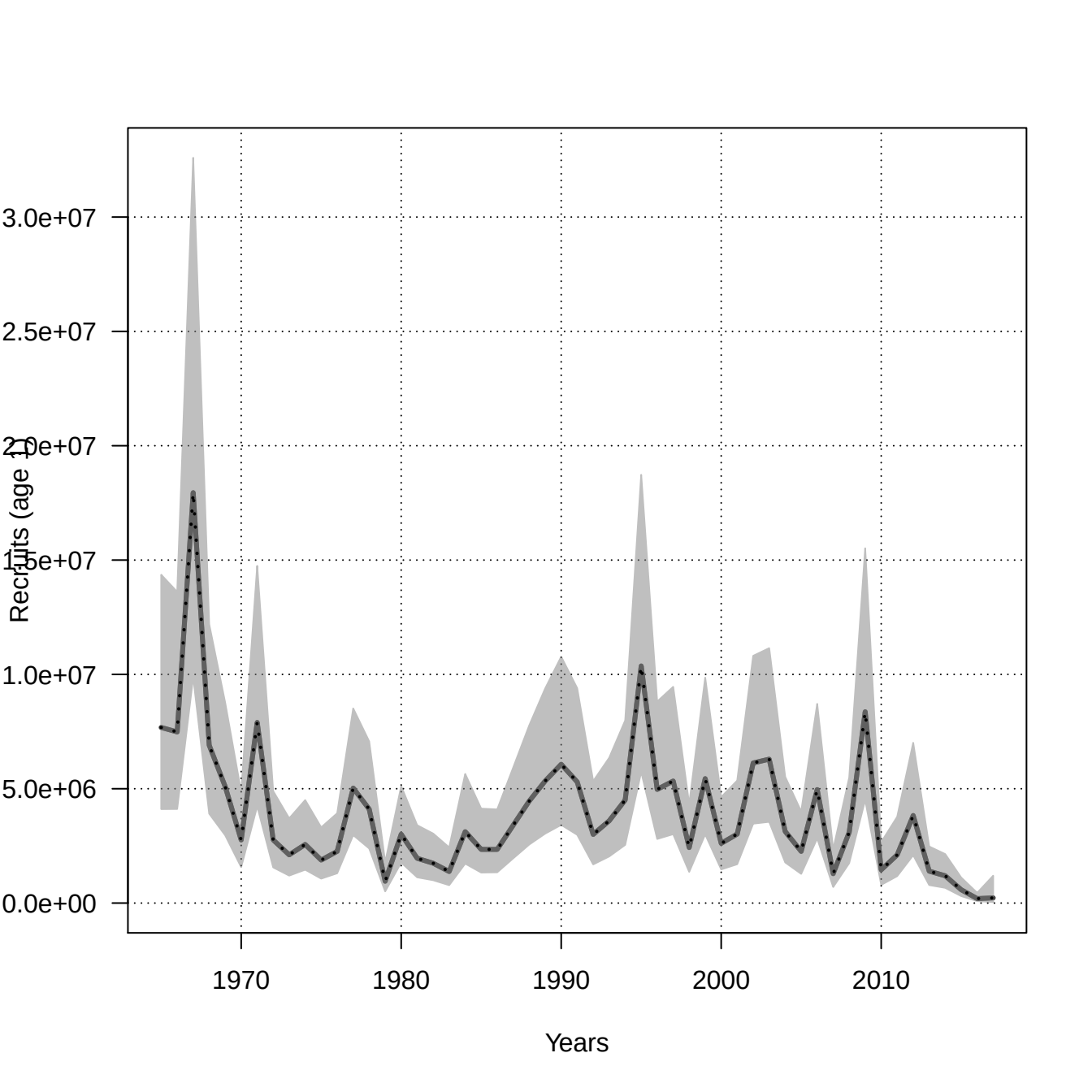
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2.5e+07
2.0e+07
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1.0e+07
5.0e+06
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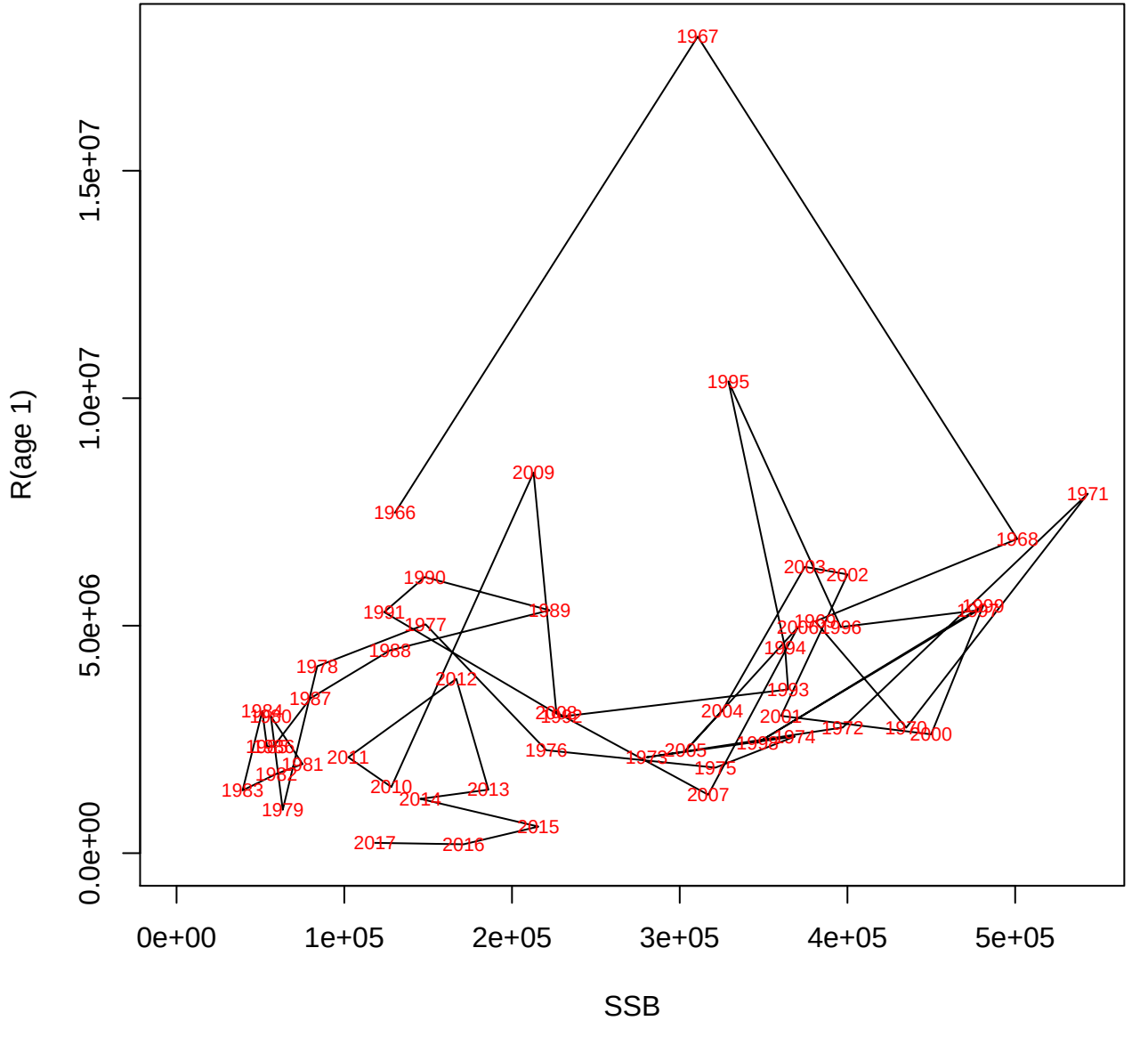
Recruits (age 1)
1970
1980
1990
2000
2010
Years



R(age 1)
SSB
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5.0e+06
1.0e+07
1.5e+07
0e+00
1e+05
2e+05
3e+05
4e+05
5e+05
1967
1966
1995
2009
1971
1968
1990
1991
1977
1989
1988
1978
1987
2012
1984
1980
1981
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2011
2010
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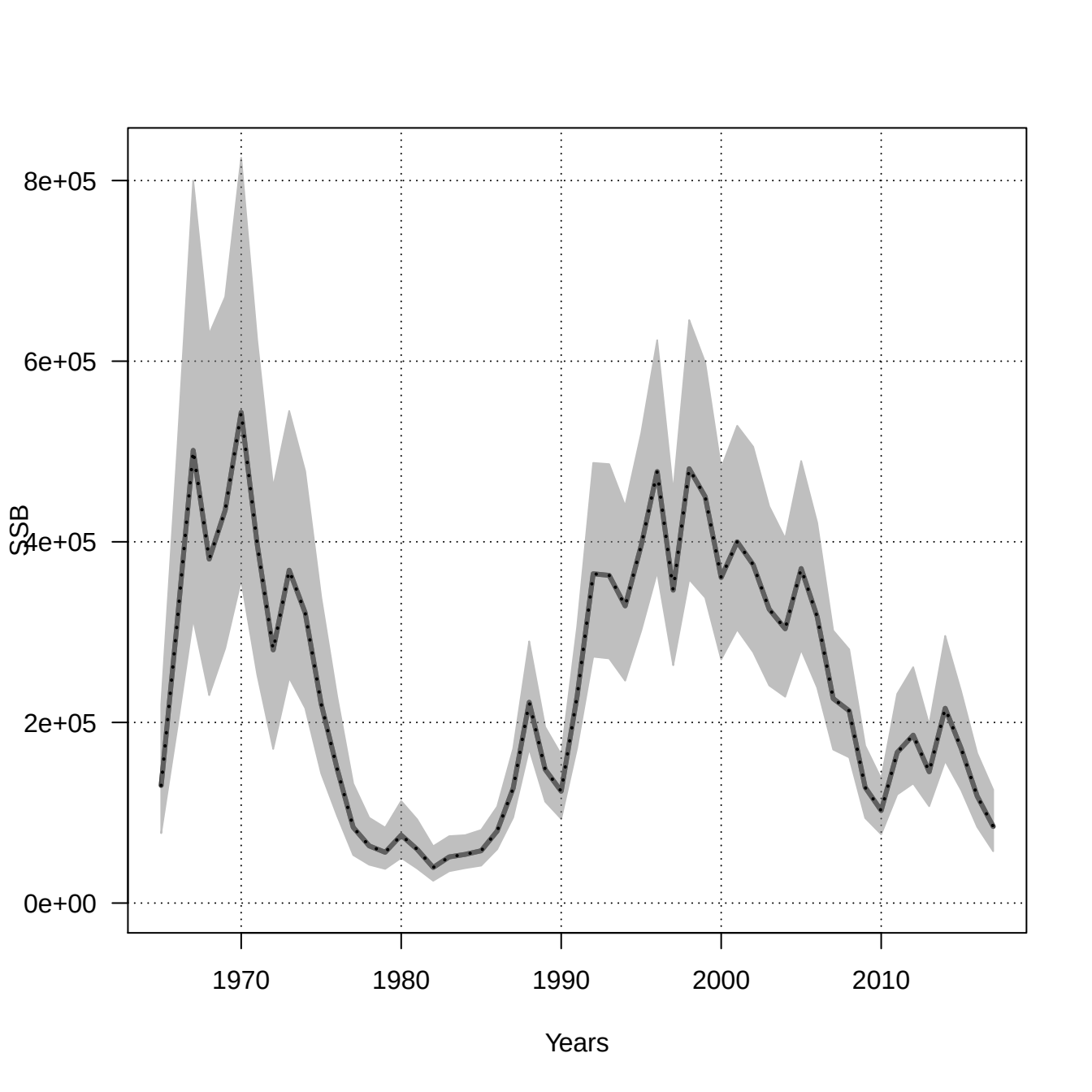
2000
1974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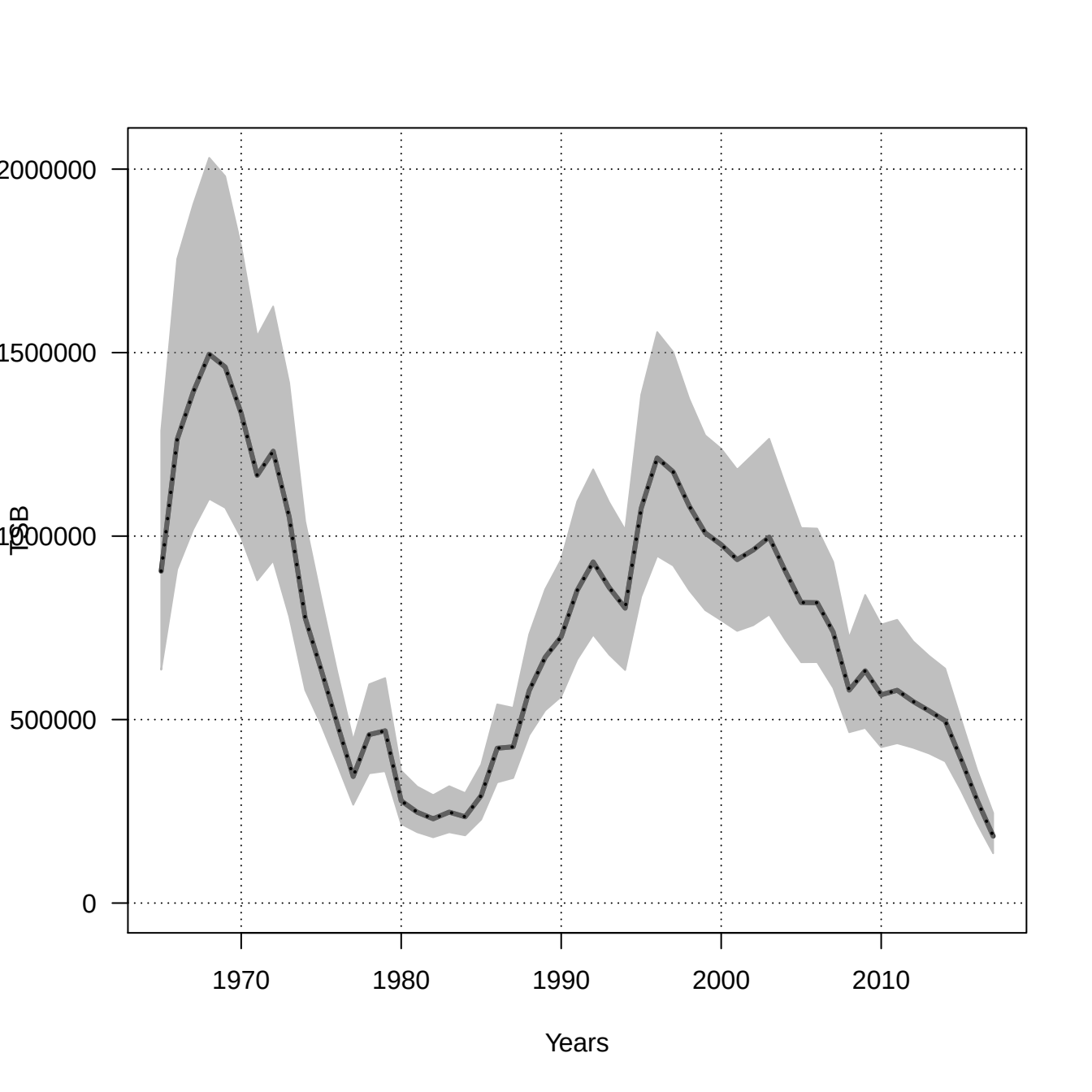
4e+05
2e+05
0e+00
SSB
1970
1980
1990
2000
2010
Years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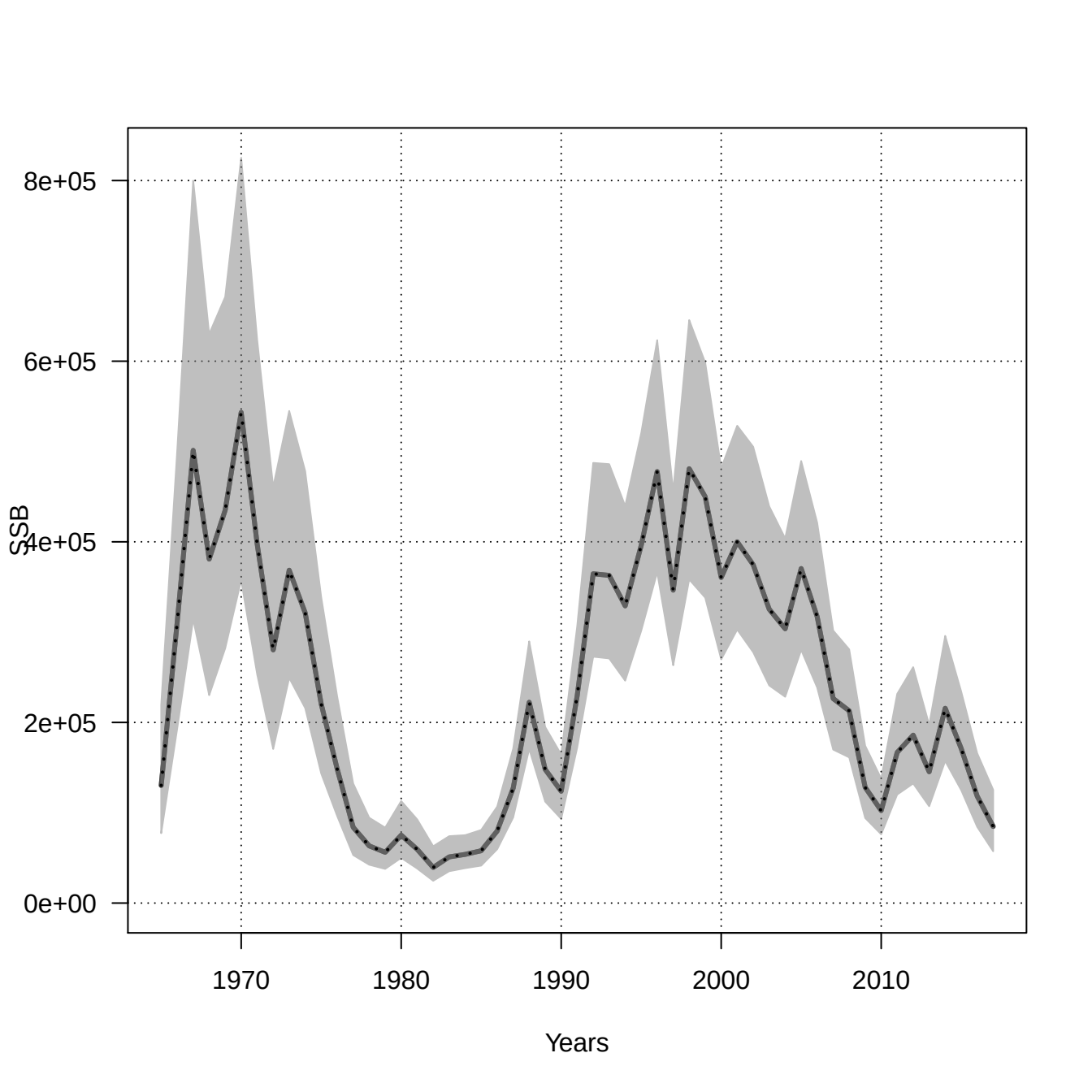
TSB
1970
1980
1990
2000
2010
Years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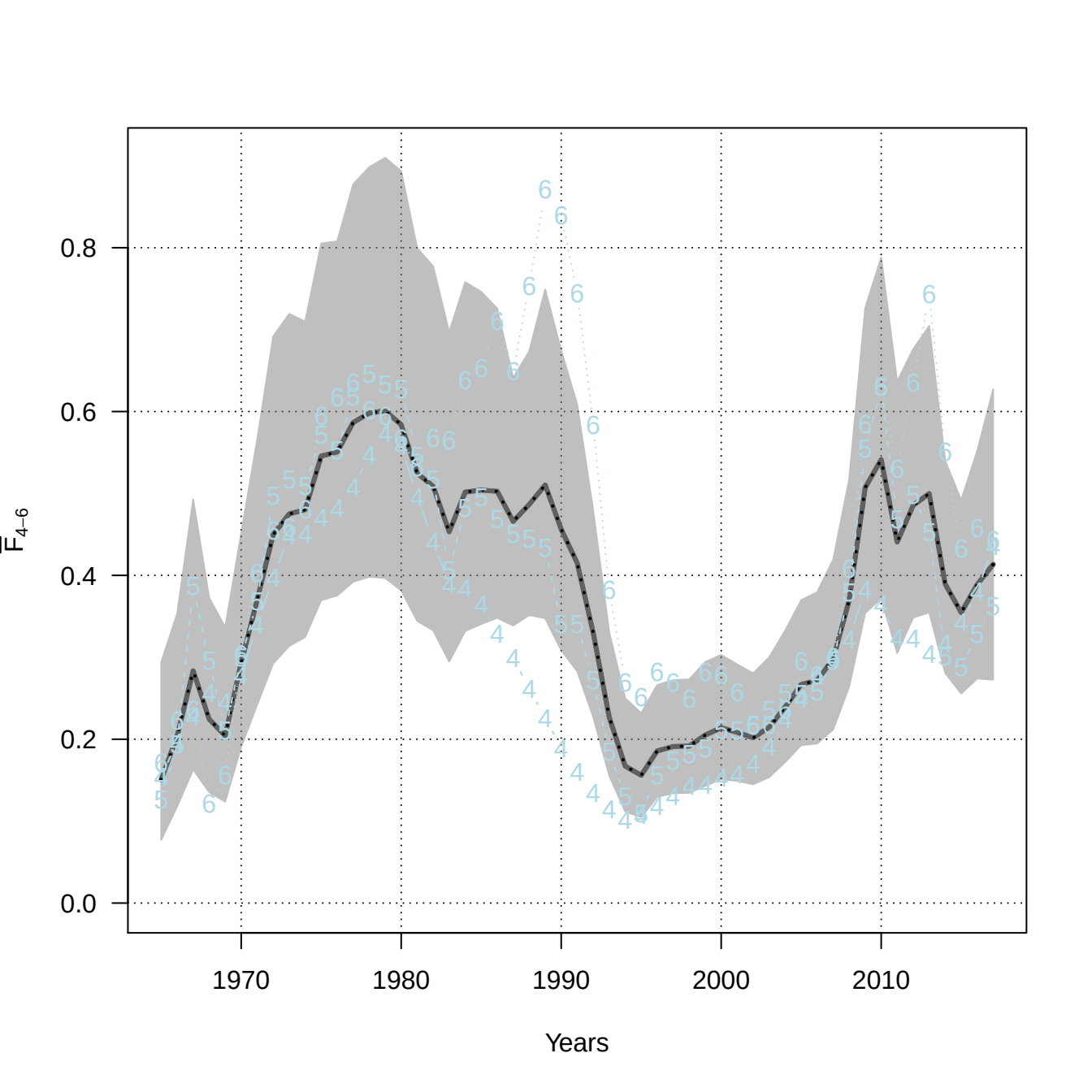
2e+05
0e+00
SSB
1970
1980
1990
2000
2010
Years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0.2
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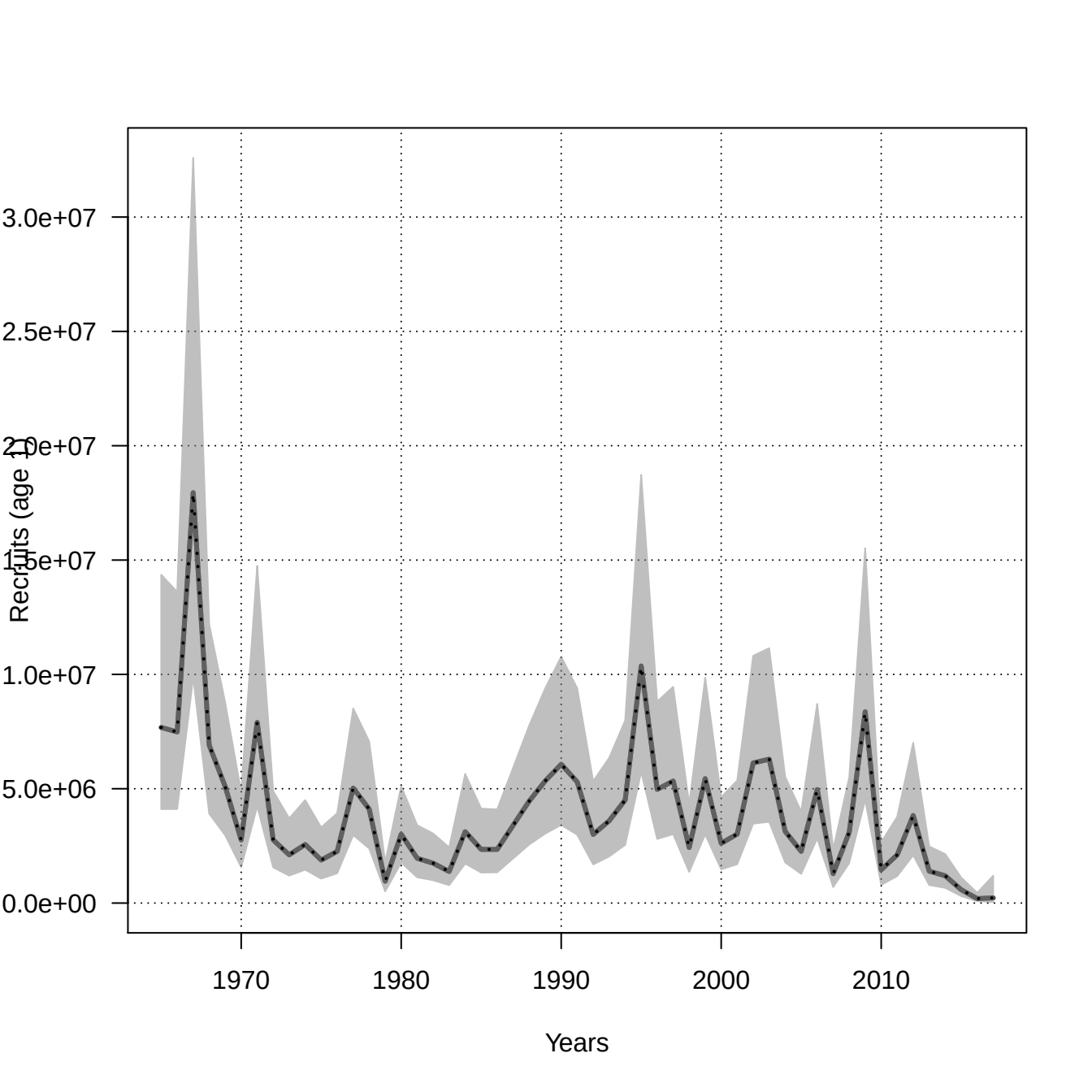
0.8
$\bar{F}_{4-6}$
1970
1980
1990
2000
2010
Years


3.0e+07
2.5e+07
2.0e+07
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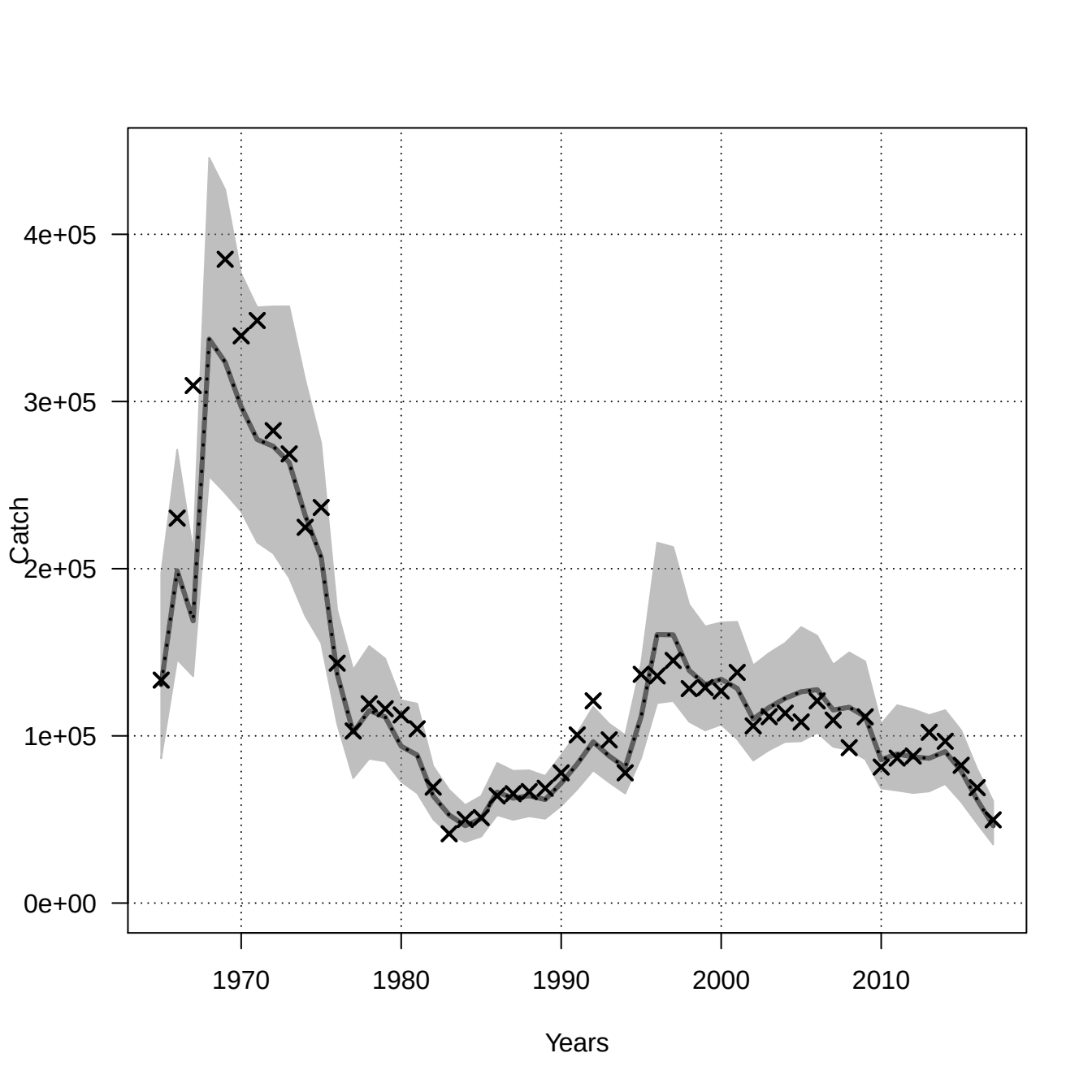
5.0e+06
0.0e+00
Recruits (age 1)
1970
1980
1990
2000
2010
Years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1e+05
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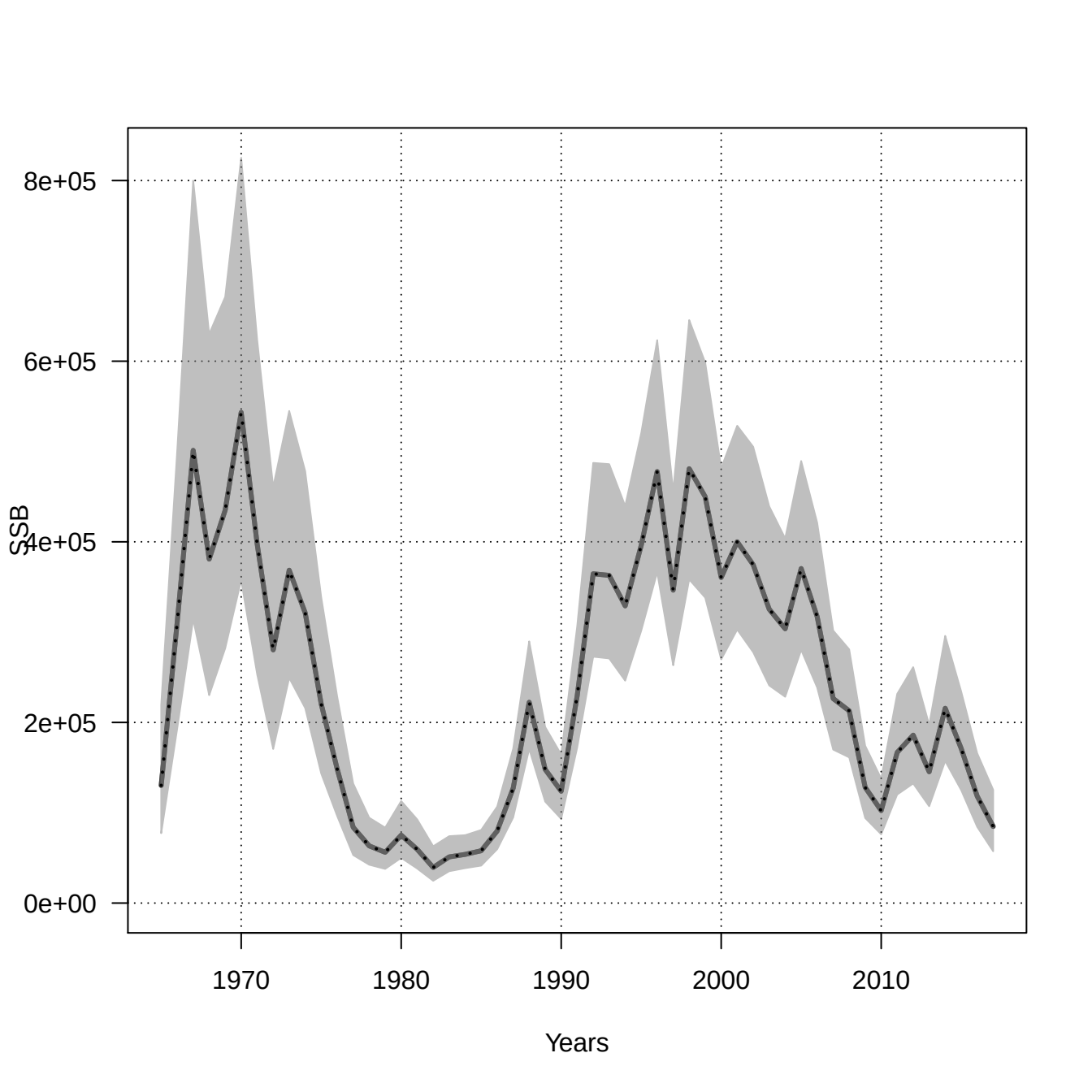
Catch
1970
1980
1990
2000
2010
Years


8e+05
6e+05
4e+05
2e+05
0e+00
SSB
1970
1980
1990
2000
2010
Years