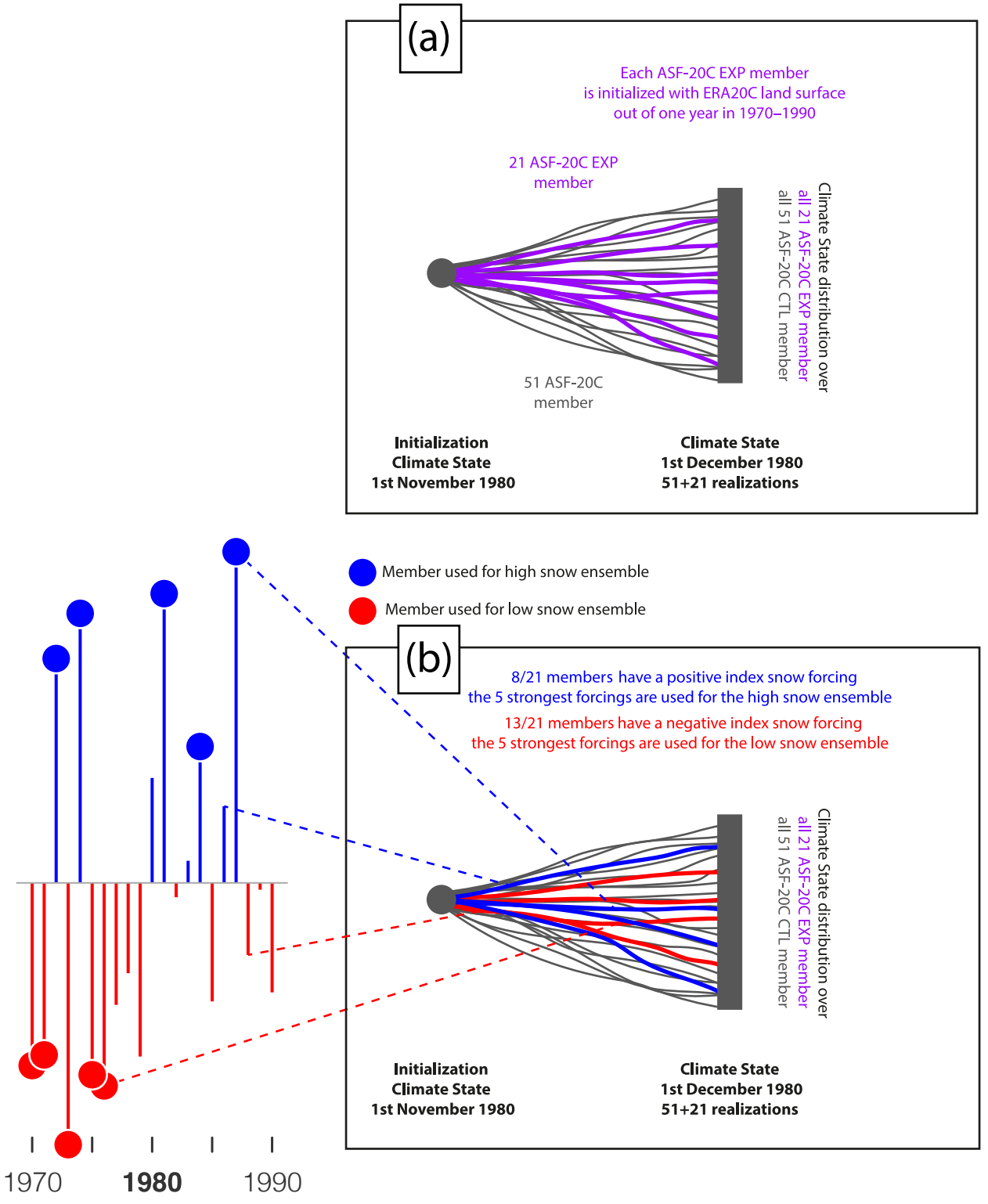
(a)
Each ASF-20C EXP member
is initialized with ERA20C land surface
out of one year in 1970–1990
21 ASF-20C EXP
member
51 ASF-20C
member
Climate State distribution over
all 21 ASF-20C EXP member
all 51 ASF-20C CTL member
Initialization
Climate State
1st November 1980
Climate State
1st December 1980
51+21 realizations
Member used for high snow ensemble
Member used for low snow ensemble
(b)
8/21 members have a positive index snow forcing
the 5 strongest forcings are used for the high snow ensemble
13/21 members have a negative index snow forcing
the 5 strongest forcings are used for the low snow ensemble
Climate State distribution over
all 21 ASF-20C EXP member
all 51 ASF-20C CTL member
Initialization
Climate State
1st November 1980
Climate State
1st December 1980
51+21 realizations
1970
1980
1990