

Figure 1. Location of the sea ice edge in March, defined as the 15% ice concentration limit for a) 8 kyr BP, b) pre-industrial conditions, c) the period 1980-2000 AD in scenario SRES B1. E1 is in blue, E2 in green, E3 in orange, E4 in violet and E5 in red. The observed ice edge for the period 1980-2000 AD (Comiso et al. 1999 and updated 2005) is in grey in all the figures for an easier reference. For the periods 1980-2000 and 2040-2060, the mean over the 5 ensemble members using the same parameter set is presented. For pre-industrial times and early Holocene, a 100 years mean is displayed.

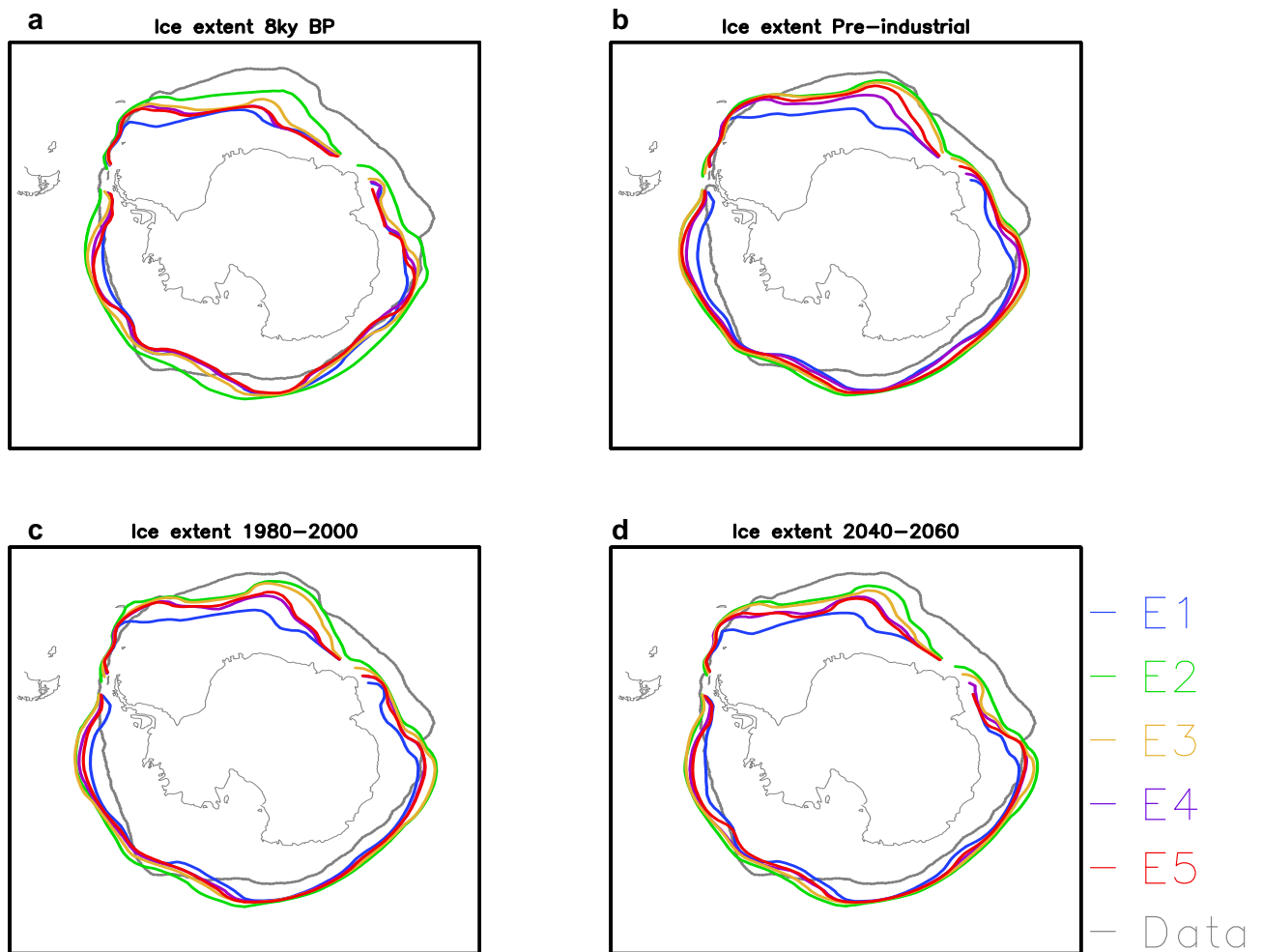


Figure 2. Location of the sea ice edge in September, defined as the 15% ice concentration limit for a) 8 kyr BP, b) pre-industrial conditions, c) the period 1980-2000 AD in scenario SRES B1. E1 is in blue, E2 in green, E3 in orange, E4 in violet and E5 in red. The observed ice edge for the period 1980-2000 AD (Comiso et al. 1999 and updated 2005) is in grey in all the figures for an easier reference. For the periods 1980-2000 and 2040-2060, the mean over the 5 ensemble members using the same parameter set is presented. For pre-industrial times and early Holocene, a 100 years mean is displayed.