

# Supplementary material

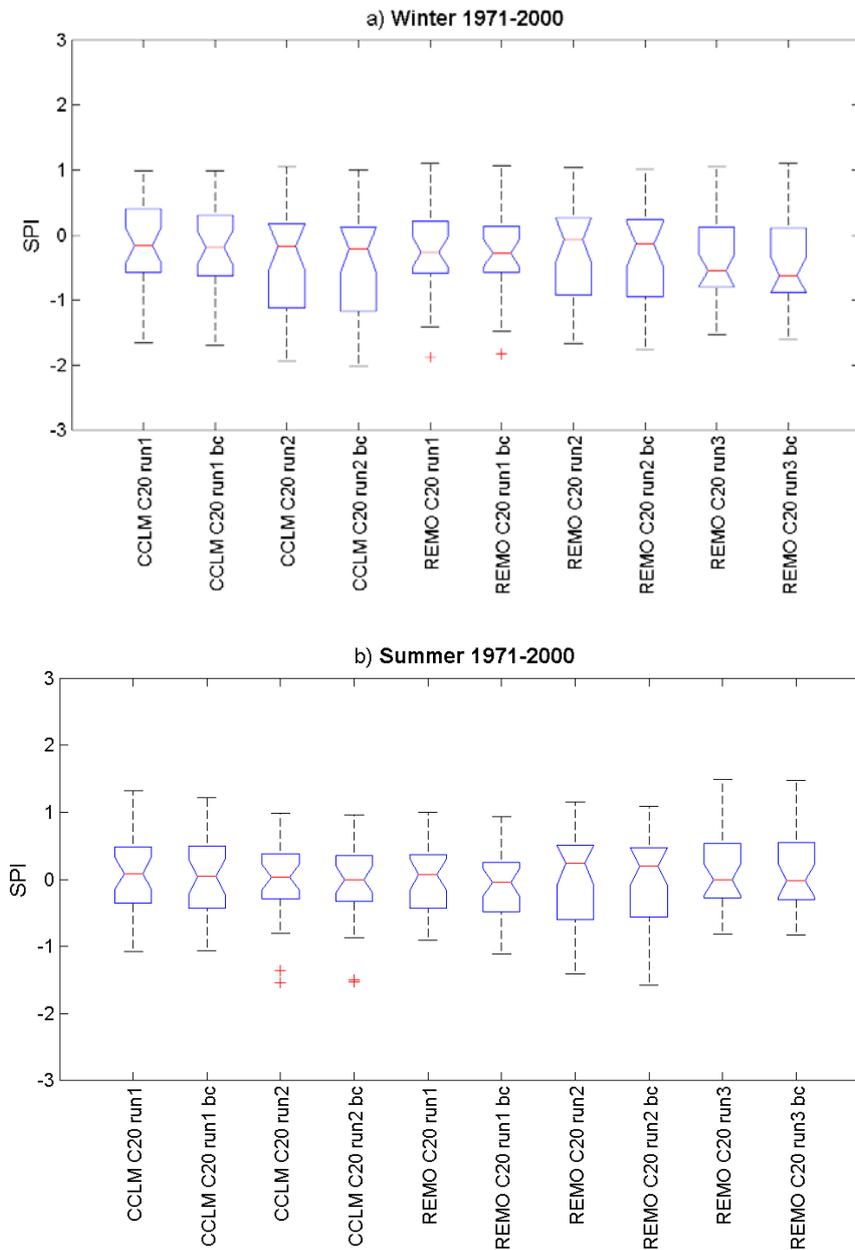


Fig. 1: a) Seasonal winter (DJF) medians of SPI from simulated precipitation (COSMO-CLM C20 run 1 and run 2; REMO C20 run 1 to 3), and bias corrected (bc) SPI from simulated precipitation of CCLM and REMO averaged over the whole of Germany with the associated standard deviations for the period 1971-2000. b) Seasonal summer (JJA) medians of SPI from simulated precipitation (CCLM and REMO), and bias corrected SPI from simulated precipitation averaged over the whole of Germany with the associated standard deviations for the period 1971-2000. Central line: median; bottom and top of box: 25th and 75th percentiles; whiskers: data range; crosses: outliers.

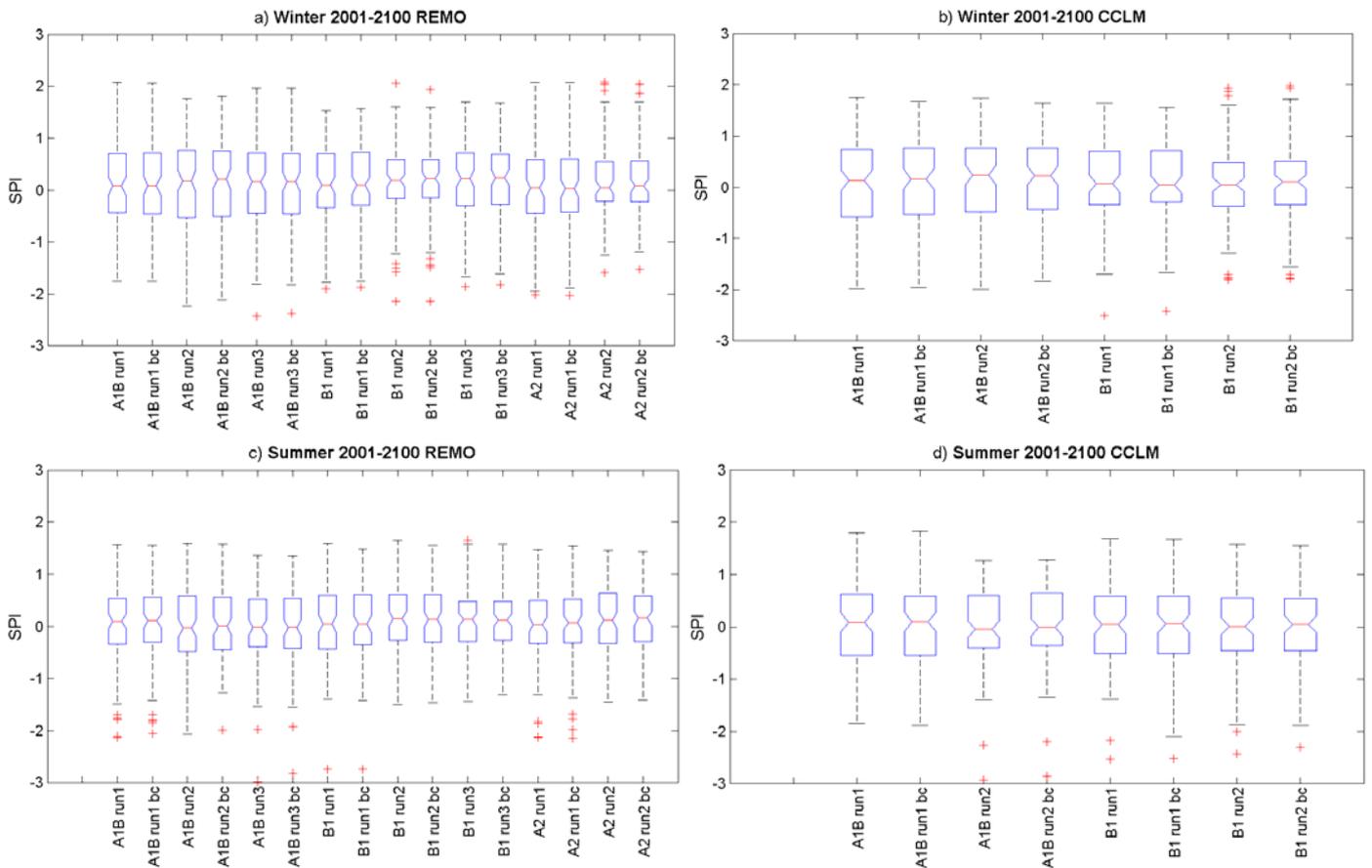


Fig. 2: a) Seasonal winter (DJF) medians of SPI from projected precipitation of REMO and bias corrected (bc) SPI from projected precipitation of REMO averaged over the whole of Germany for the period 2001-2100. b) Seasonal winter (DJF) medians of SPI from projected precipitation of CCLM and bias corrected (bc) SPI from projected precipitation of CCLM averaged over the whole of Germany for the period 2001-2100. c) Seasonal summer (JJA) medians of SPI from projected precipitation of REMO and bias corrected SPI from projected precipitation of REMO averaged over the whole of Germany for the period 2001-2100. d) Seasonal summer (JJA) medians of SPI from projected precipitation of CCLM and bias corrected SPI from projected precipitation of CCLM averaged over the whole of Germany for the period 2001-2100. Central line: median; bottom and top of box: 25th and 75th percentiles; whiskers: data range; crosses: outliers.