



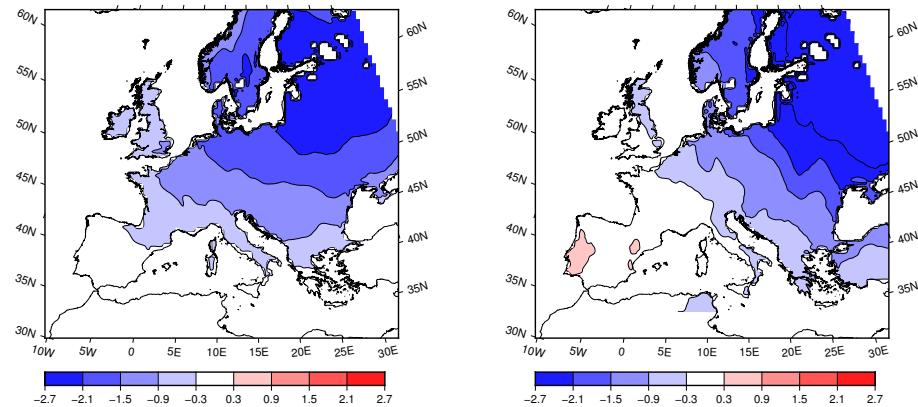
Supplement of

A regional climate palaeosimulation for Europe in the period 1501–1990 – Part II: Comparison with gridded reconstructions

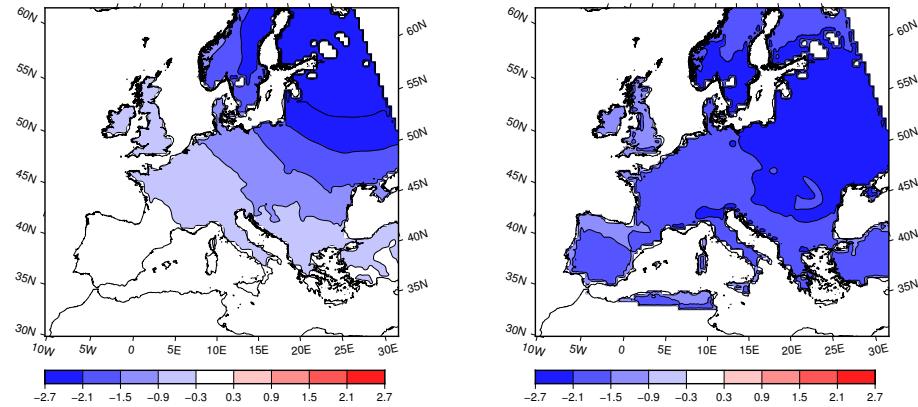
J. J. Gómez-Navarro et al.

Correspondence to: J. J. Gómez-Navarro (gomez@climate.unibe.ch)

:EOF1 SAT (x 1) in DJF in CRU3GRID2 (61.706 %) EOF1 SAT (x 3) in JJA in CRU3GRID2 (36.98 %)



EOF1 SAT (x 1) in DJF in MM5GRID2 (71.407 %) EOF1 SAT (x 3) in JJA in MM5GRID2 (57.074 %)



EOF1 SAT (x 1) in DJF in LUTGRID2 (73 %) EOF1 SAT (x 3) in JJA in LUTGRID2 (48.029 %)

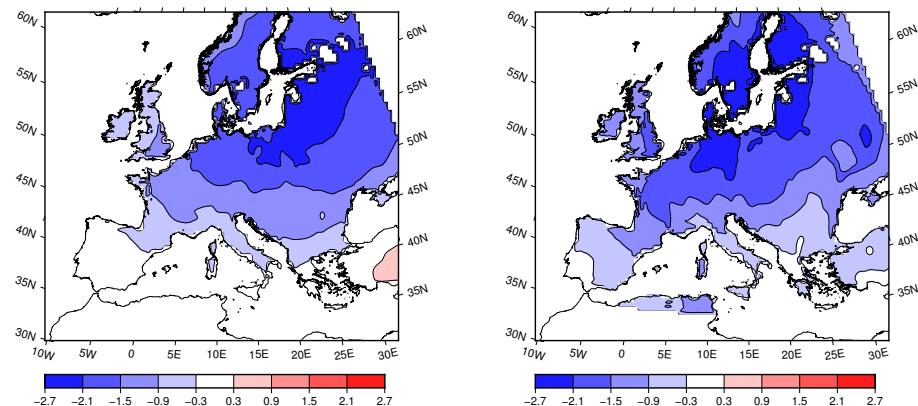
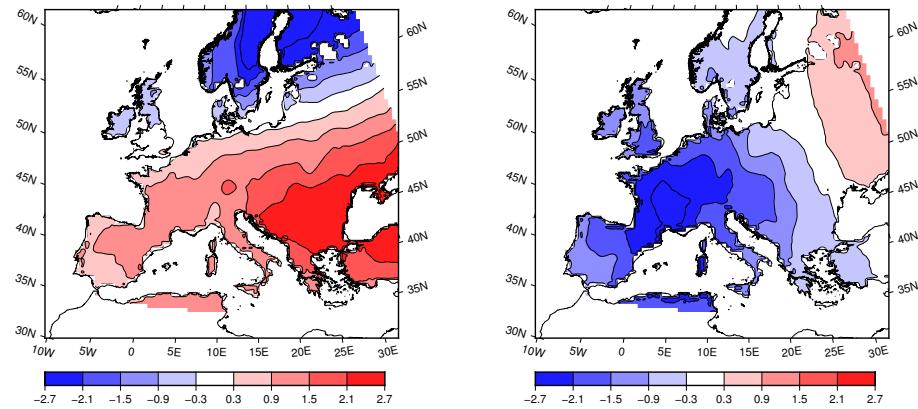
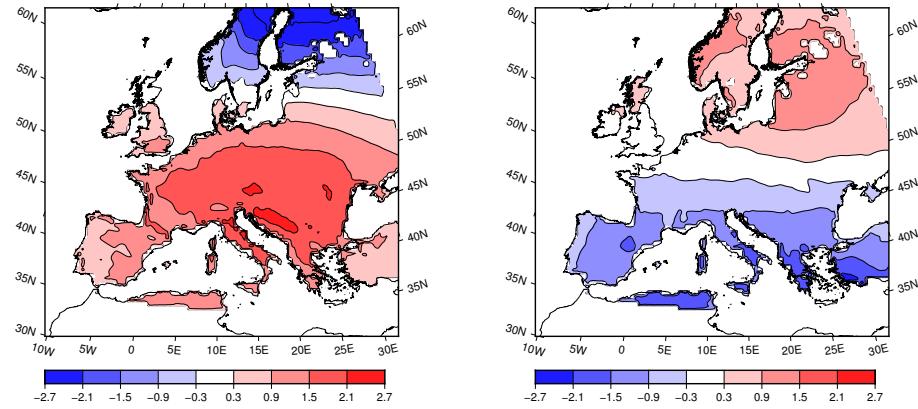


Figure 1: EOF1 for SAT in DJF (left) and JJA (right). Top correspond to NCEP and CRU, middle to ECHOG-MM5 and bottom to reconstruction. 2

EOF2 SAT (x 2) in DJF in CRU3GRID2 (16.501 %) EOF2 SAT (x 3) in JJA in CRU3GRID2 (20.516 %)



EOF2 SAT (x 2) in DJF in MM5GRID2 (13.196 %) EOF2 SAT (x 3) in JJA in MM5GRID2 (11.853 %)



EOF2 SAT (x 2) in DJF in LUTGRID2 (17.168 %) EOF2 SAT (x 3) in JJA in LUTGRID2 (25.733 %)

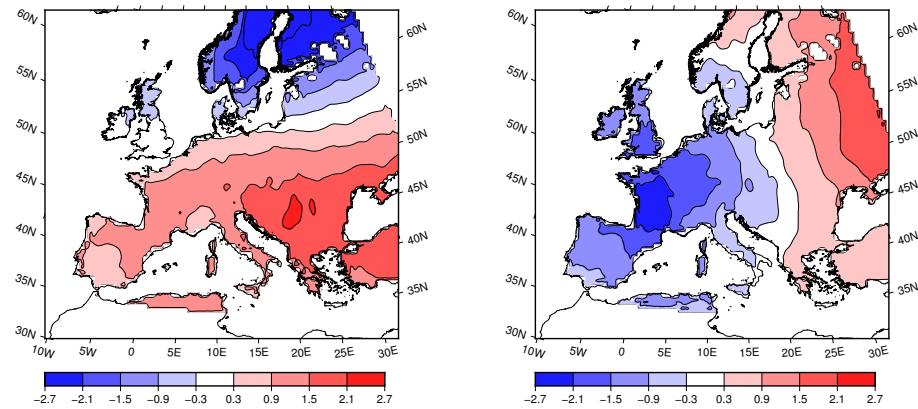
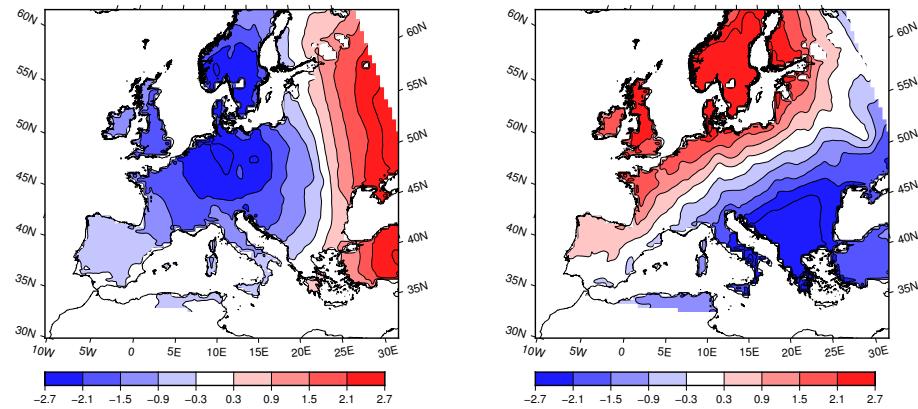
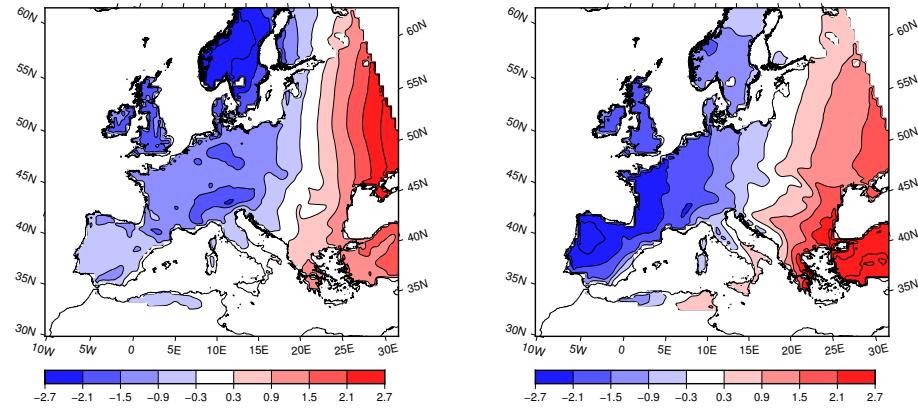


Figure 2: EOF2 for SAT in DJF (left) and JJA (right). Top correspond to NCEP and CRU, middle to ECHOG-MM5 and bottom to reconstruction. 3

EOF3 SAT (x 3) in DJF in CRU3GRID2 (7.5717 %) EOF3 SAT (x 5) in JJA in CRU3GRID2 (12.148 %)



EOF3 SAT (x 3) in DJF in MM5GRID2 (5.5556 %) EOF3 SAT (x 5) in JJA in MM5GRID2 (10.568 %)



EOF3 SAT (x 3) in DJF in LUTGRID2 (5.5277 %) EOF3 SAT (x 5) in JJA in LUTGRID2 (13.093 %)

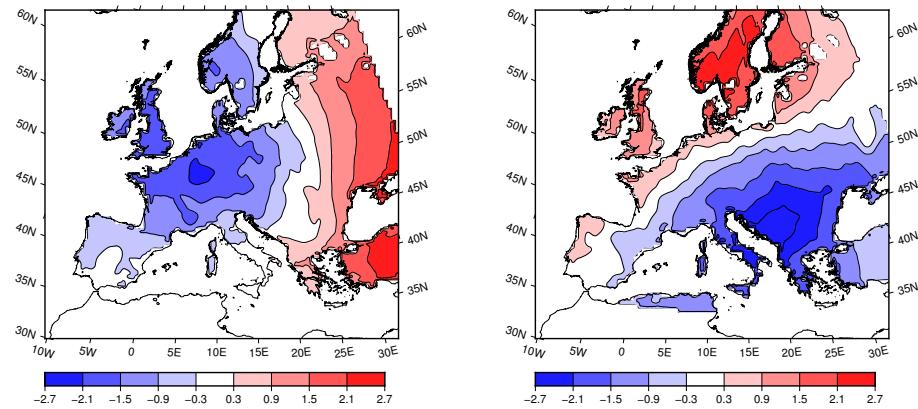
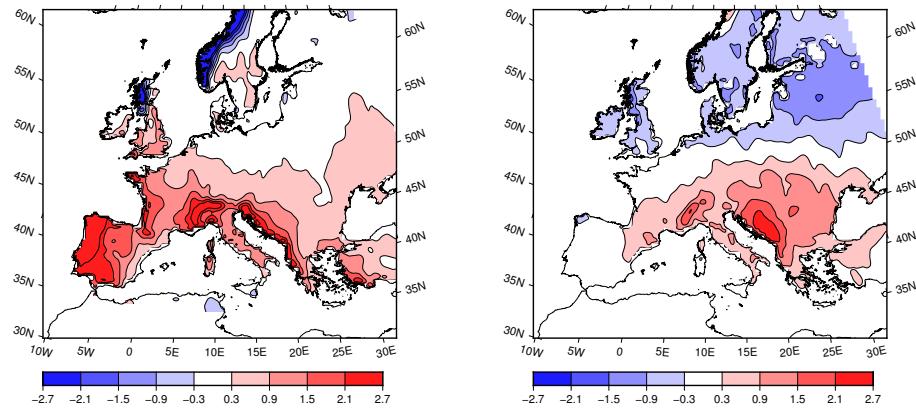
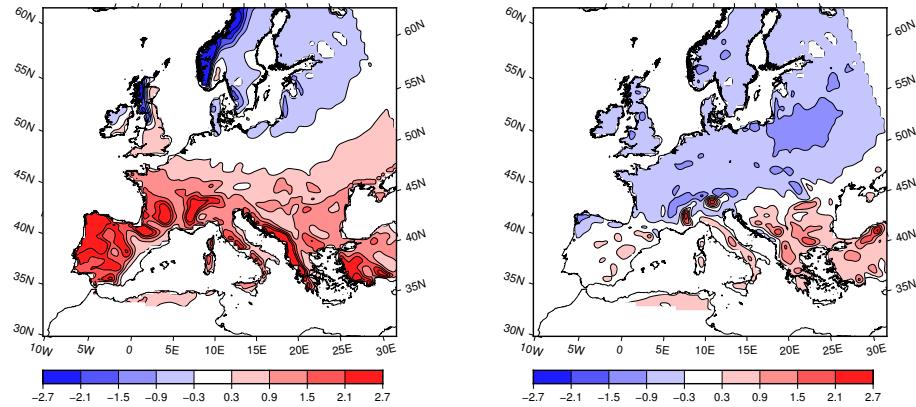


Figure 3: EOF3 for SAT in DJF (left) and JJA (right). Top correspond to NCEP and CRU, middle to ECHOG-MM5 and bottom to reconstruction. 4

EOF1 PRE (x 0.1) in DJF in CRU3GRID2 (29.534) EOF1 PRE (x 0.1) in JJA in CRU3GRID2 (15.452)



EOF1 PRE (x 0.1) in DJF in MM5GRID2 (34.301) EOF1 PRE (x 0.1) in JJA in MM5GRID2 (11.83 %)



EOF1 PRE (x 0.1) in DJF in LUTGRID2 (46.066) EOF1 PRE (x 0.1) in JJA in LUTGRID2 (39.802 %)

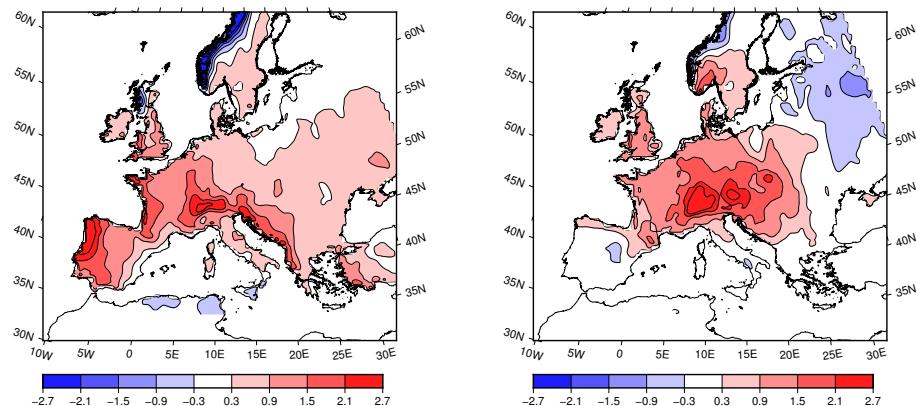
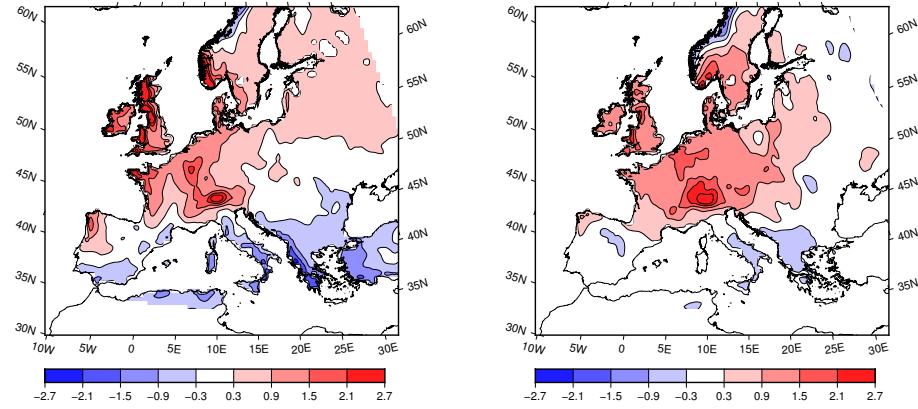
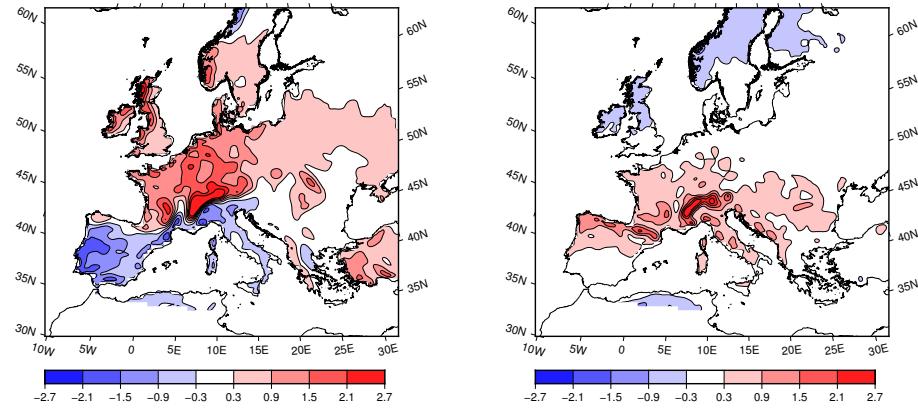


Figure 4: EOF1 for PRE in DJF (left) and JJA (right). Top correspond to NCEP and CRU, middle to ECHOG-MM5 and bottom to reconstruction. 5

EOF2 PRE (x 0.1) in DJF in CRU3GRID2 (14.613 °C) EOF2 PRE (x 0.1) in JJA in CRU3GRID2 (14.44 °C)



EOF2 PRE (x 0.1) in DJF in MM5GRID2 (14.72 °C) EOF2 PRE (x 0.1) in JJA in MM5GRID2 (8.1818 °C)



EOF2 PRE (x 0.1) in DJF in LUTGRID2 (21.087 °C) EOF2 PRE (x 0.1) in JJA in LUTGRID2 (19.017 °C)

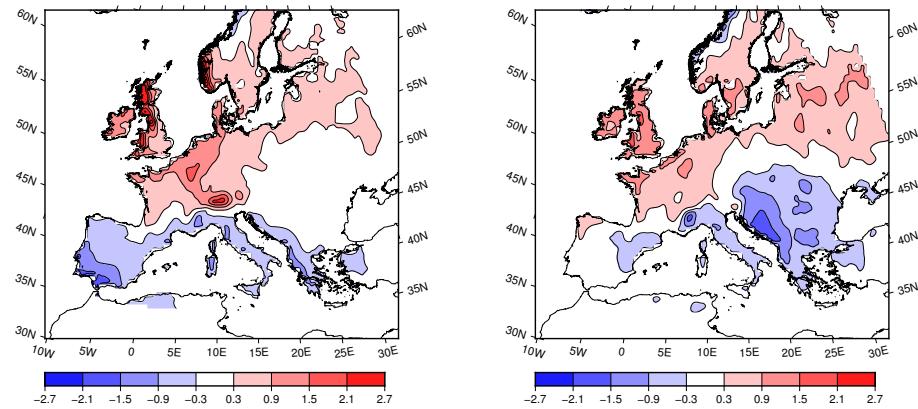
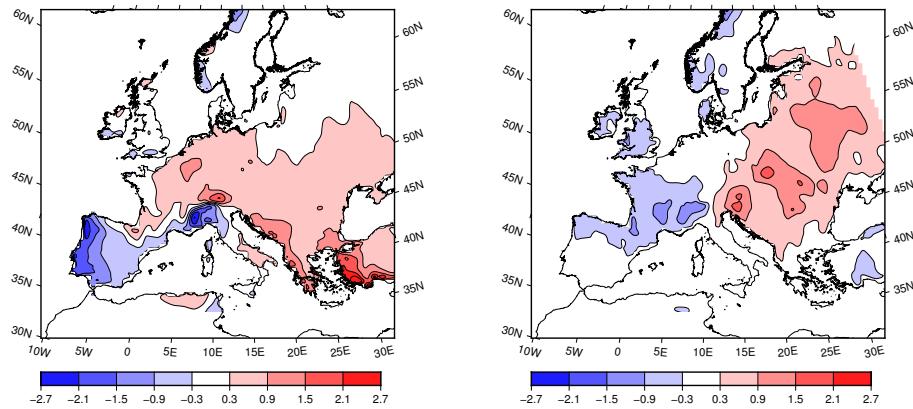
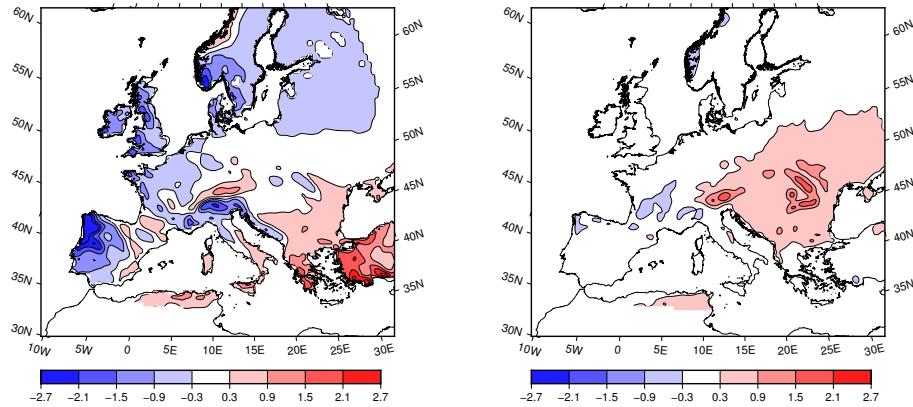


Figure 5: EOF2 for PRE in DJF (left) and JJA (right). Top correspond to NCEP and CRU, middle to ECHOG-MM5 and bottom to reconstruction. 6

OF3 PRE (x 0.1) in DJF in CRU3GRID2 (8.514 %) OF3 PRE (x 0.1) in JJA in CRU3GRID2 (8.4884 %)



OF3 PRE (x 0.1) in DJF in MM5GRID2 (11.336 %) OF3 PRE (x 0.1) in JJA in MM5GRID2 (5.2479 %)



EOF3 PRE (x 0.1) in DJF in LUTGRID2 (8.09 %) EOF3 PRE (x 0.1) in JJA in LUTGRID2 (8.9907 %)

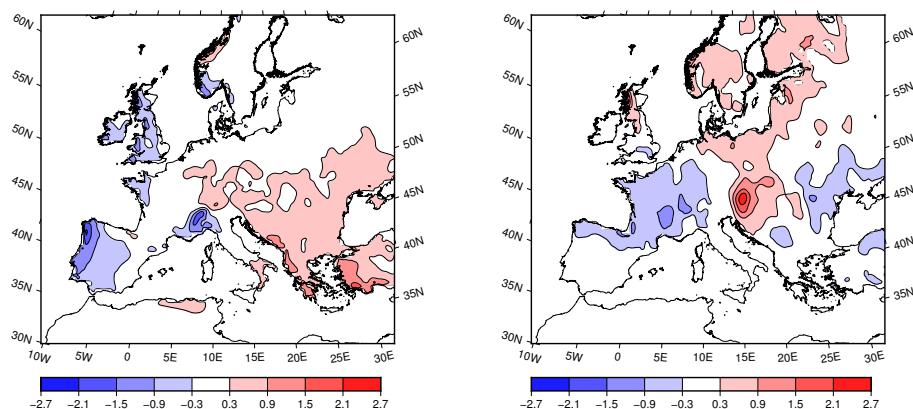


Figure 6: EOF3 for PRE in DJF (left) and JJA (right). Top correspond to NCEP and CRU, middle to ECHOG-MM5 and bottom to reconstruction. 7