



Supplement of

Historical climate extremes in Europe and the connection between spring precipitation and summer heat

Laura Lipfert et al.

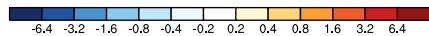
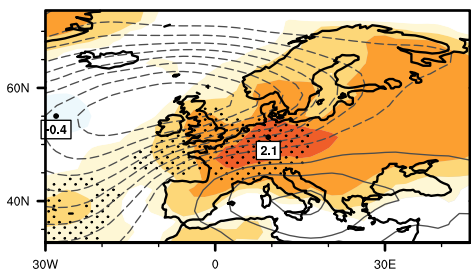
Correspondence to: Stefan Brönnimann (stefan.broennimann@unibe.ch)

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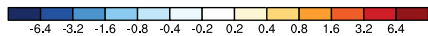
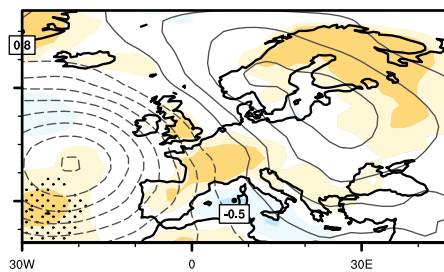
The following atlas shows maps of anomalies relative to the period 1500-1900 for the ensemble means of 2 m temperature, 500 hPa geopotential height (overlaid contours), precipitation, and sea-level pressure (overlaid contours). Each season includes these four fields for all three data sets (ModE-RA, ModE-RAclim, ModE-Sim). All maps of all seasons and all data sets are shown on the same color scale and contour spacing. The contour distance is 1 hPa for SLP and 10 gpm for 500 hPa GPH (negatives dashed, zero not shown). Stippling marks regions where at least 15 out of 20 members agree in sign. Minima and maxima for temperature and precipitation are indicated.

Winter (DJF) 1425

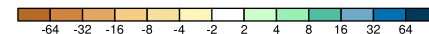
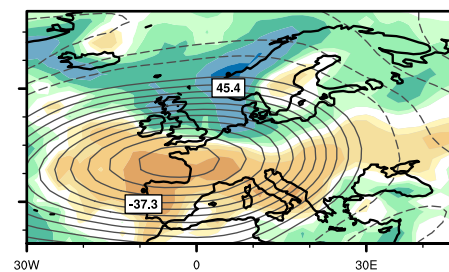
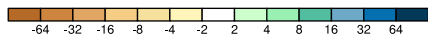
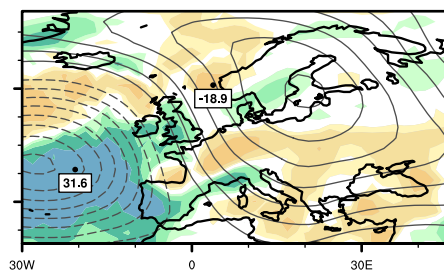
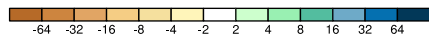
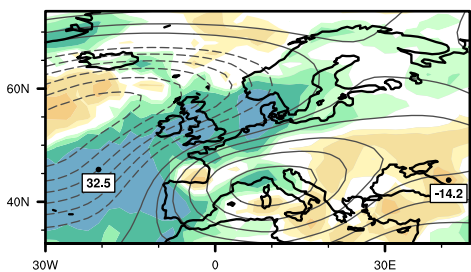
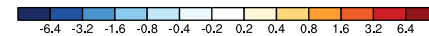
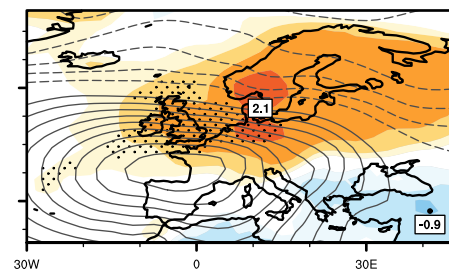
ModE-RA



ModE-Sim

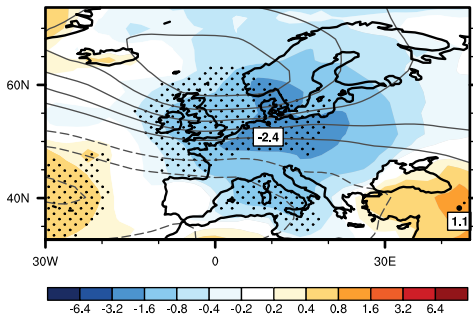


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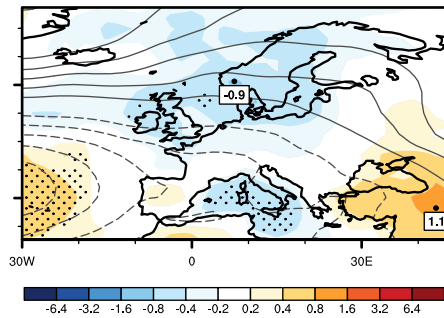


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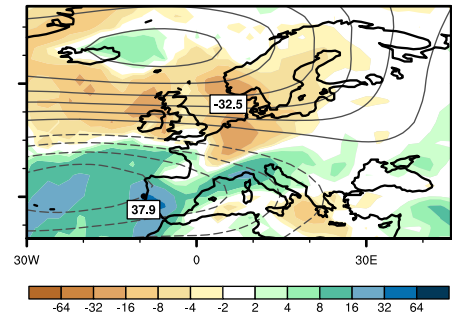
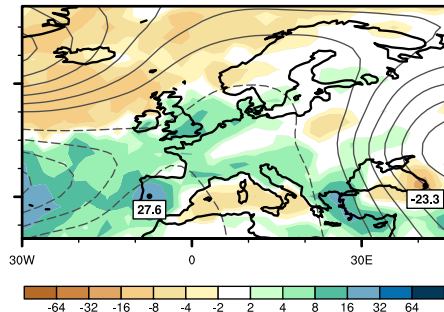
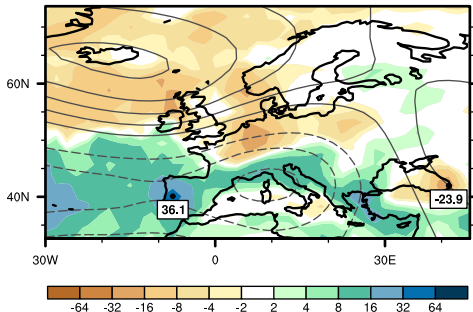
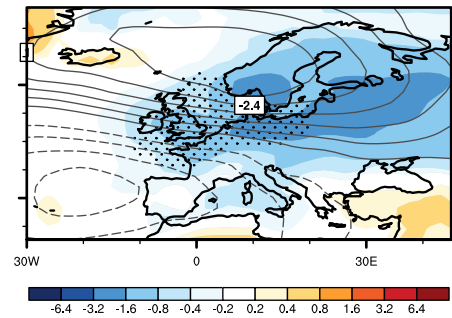
ModE-RA



ModE-Sim

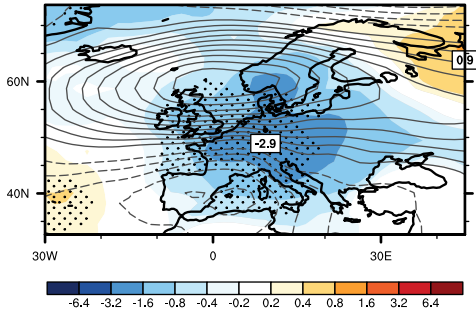


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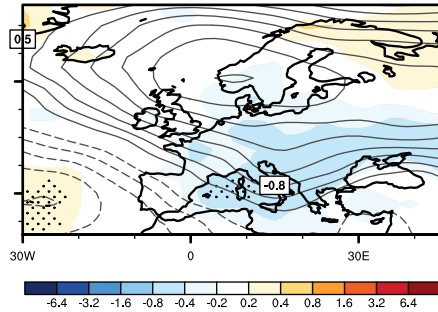


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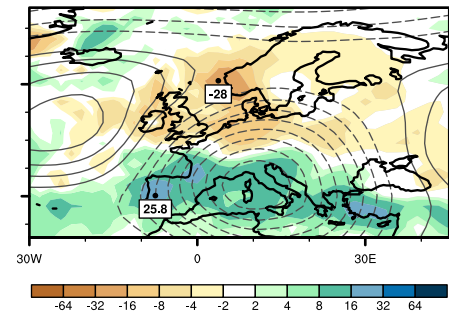
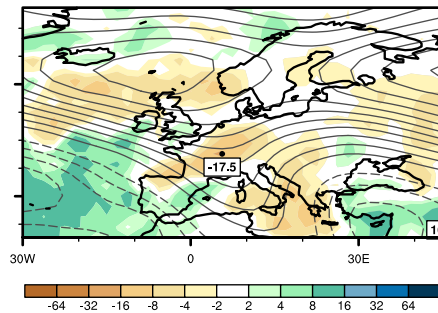
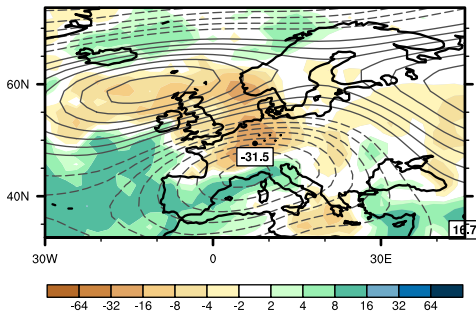
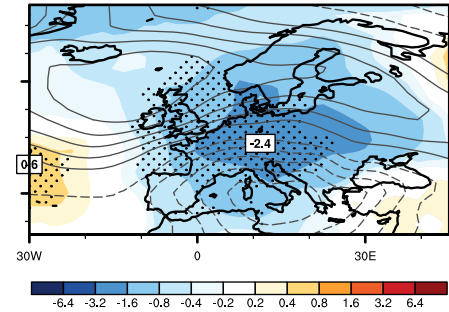
ModE-RA



ModE-Sim

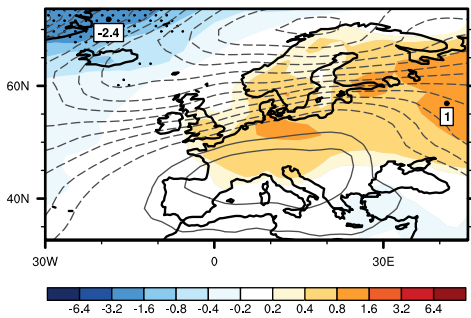


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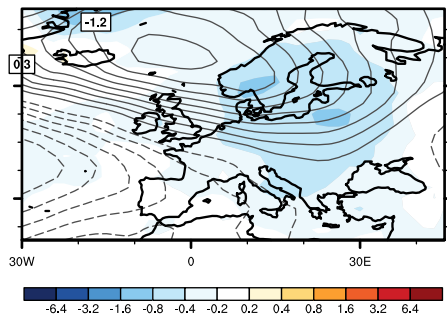


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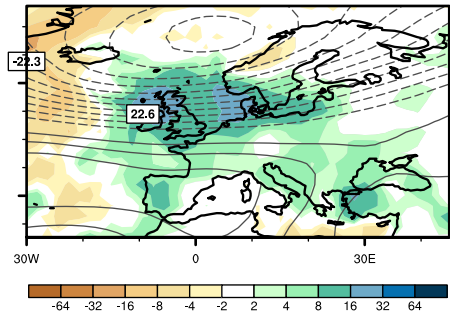
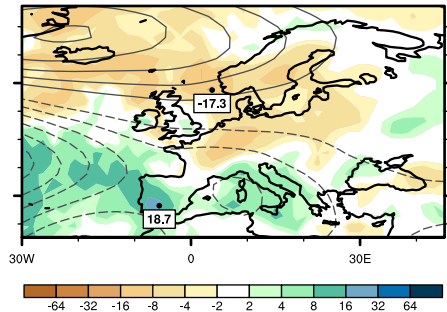
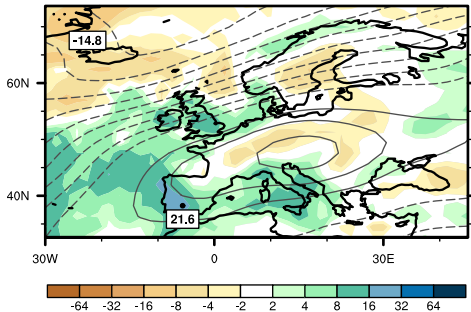
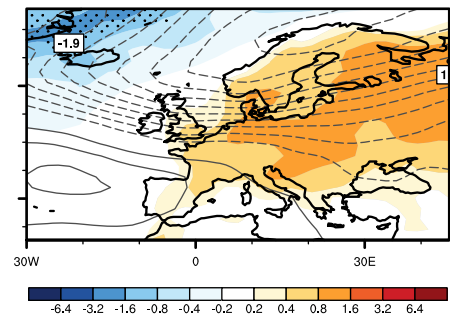
ModE-RA



ModE-Sim

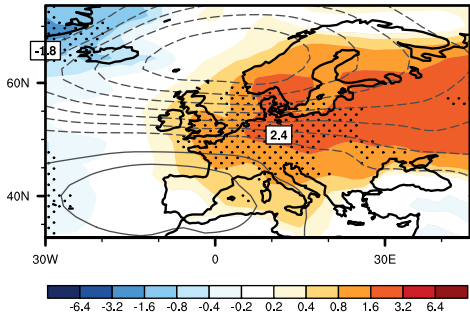


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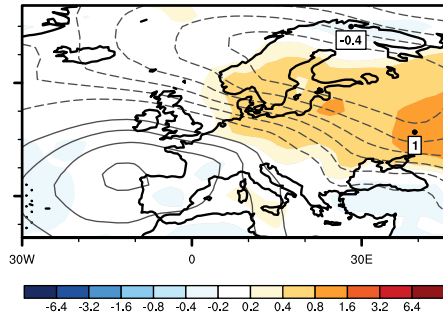


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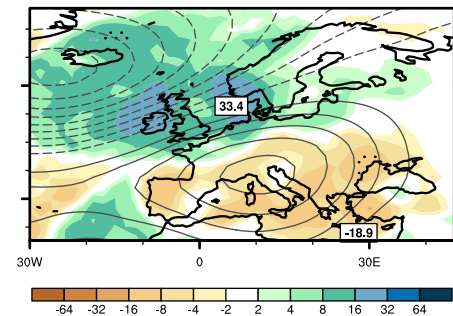
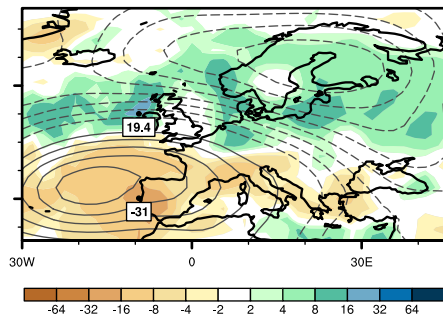
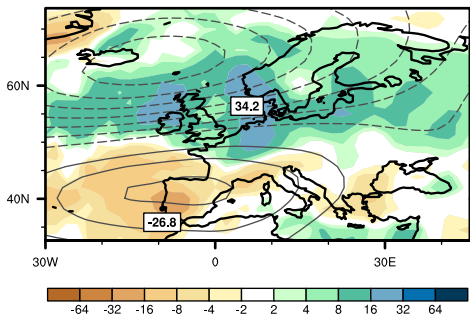
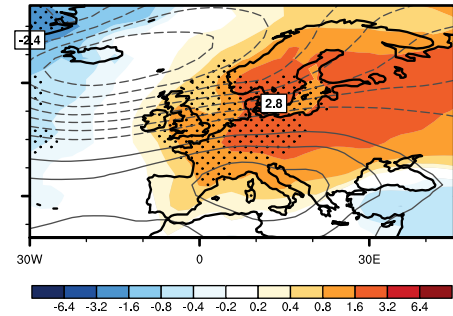
ModE-RA



ModE-Sim

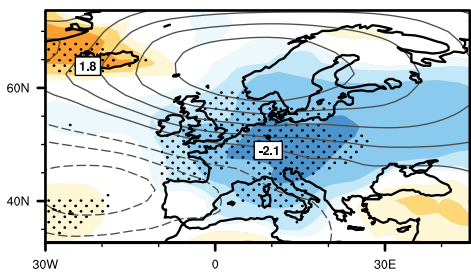


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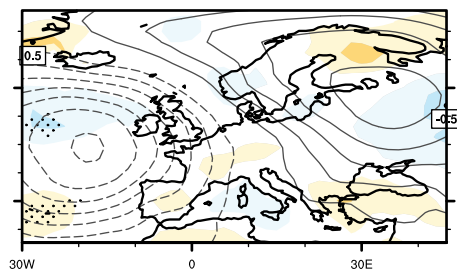


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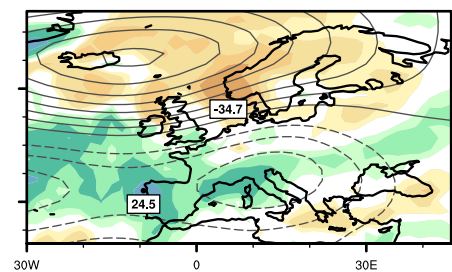
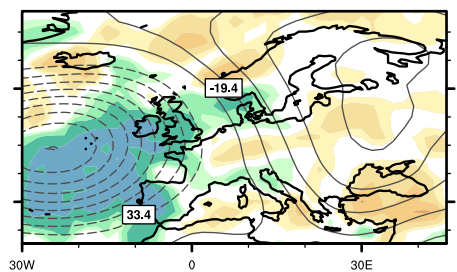
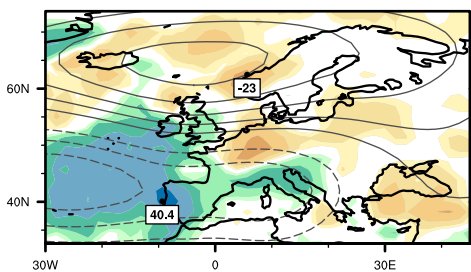
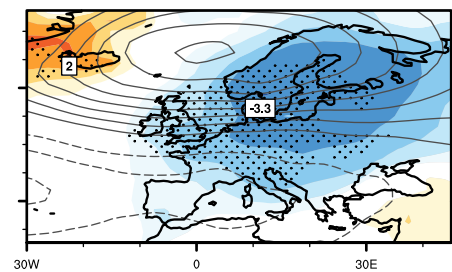
ModE-RA



ModE-Sim

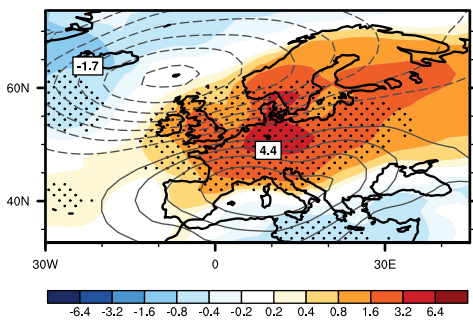


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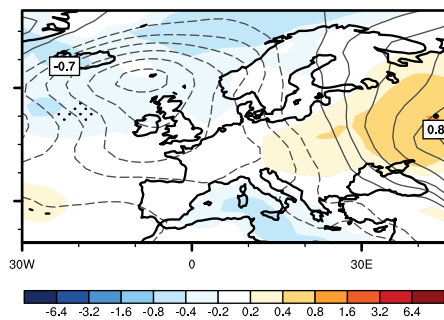


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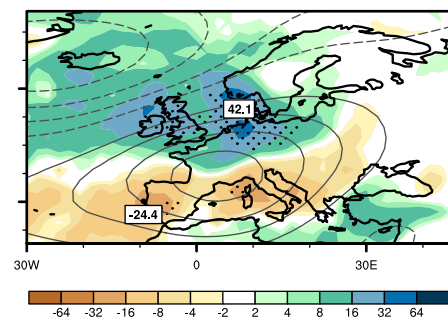
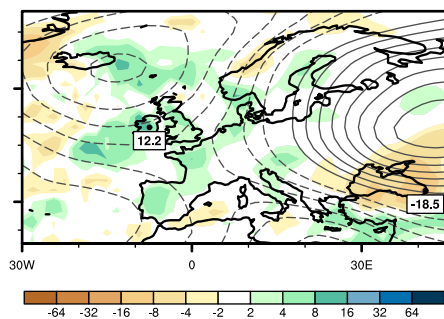
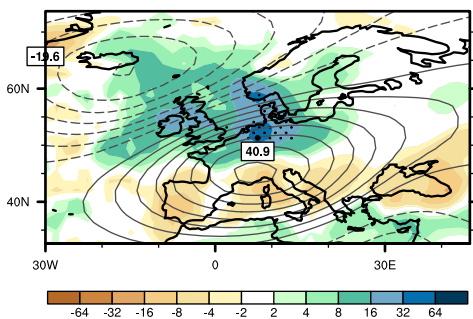
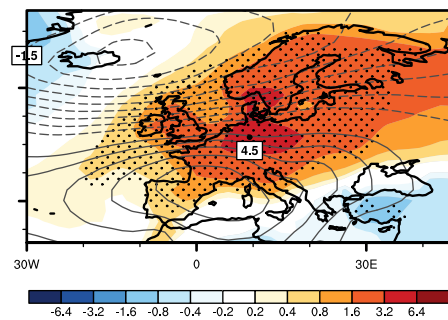
ModE-RA



ModE-Sim

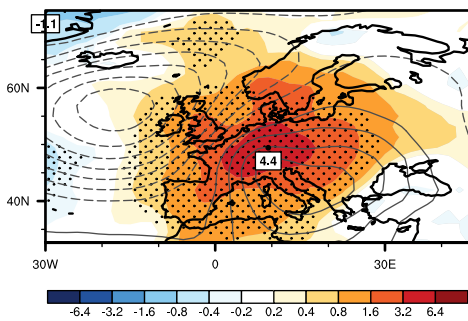


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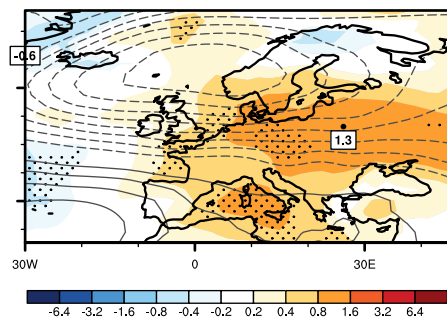


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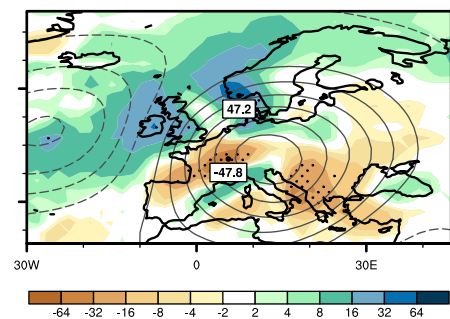
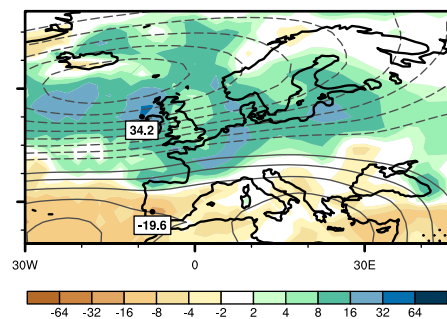
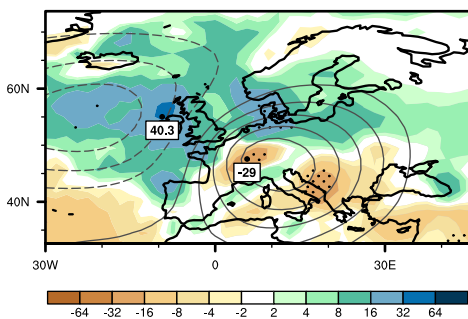
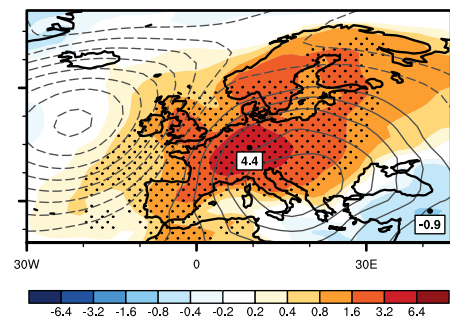
ModE-RA



ModE-Sim

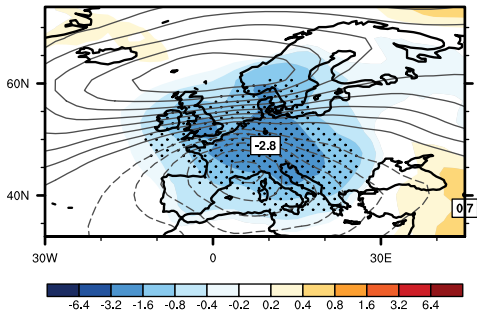


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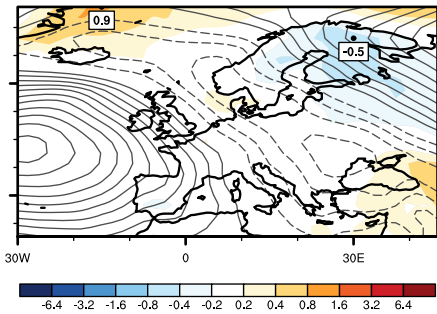


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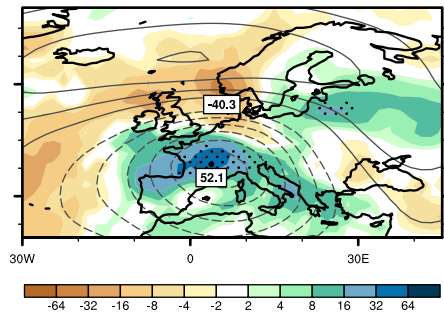
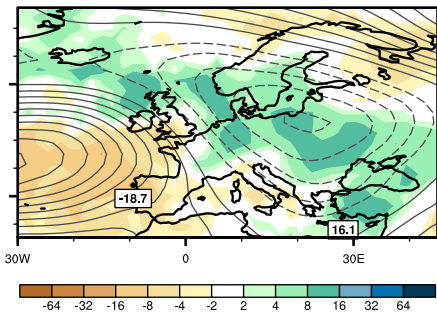
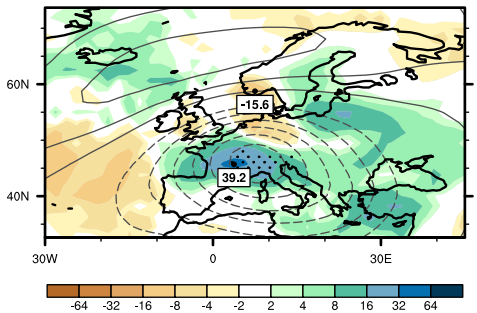
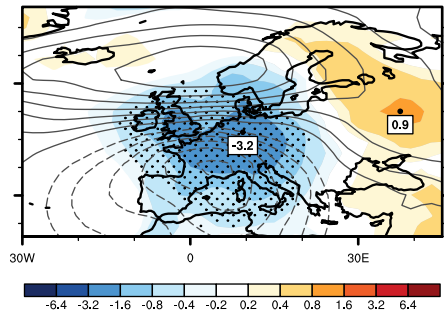
ModE-RA



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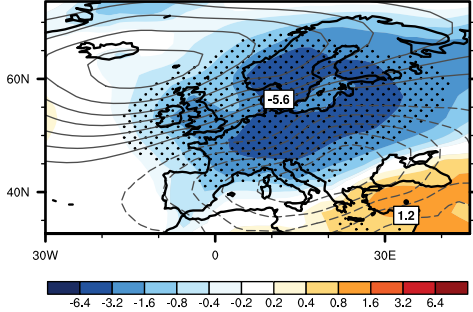


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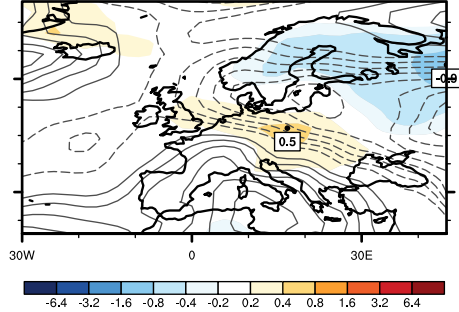


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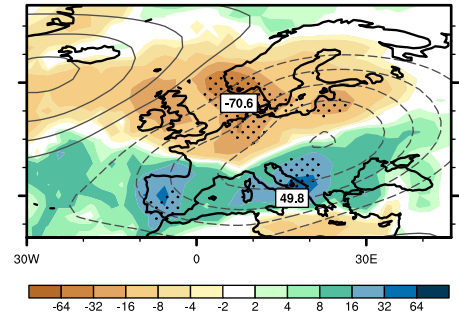
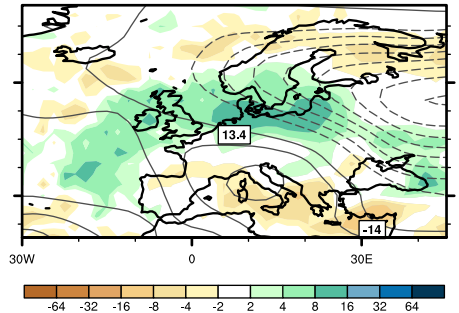
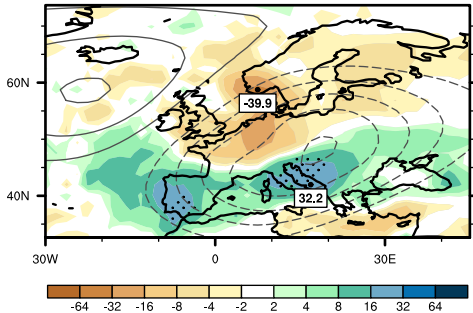
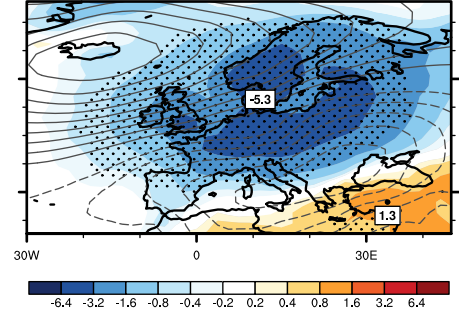
ModE-RA



ModE-Sim

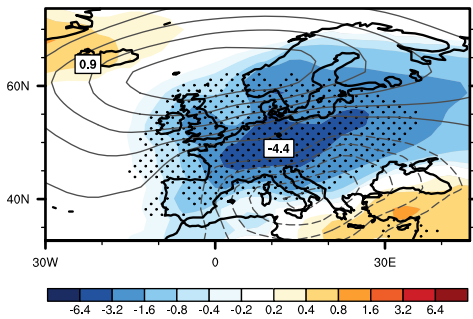


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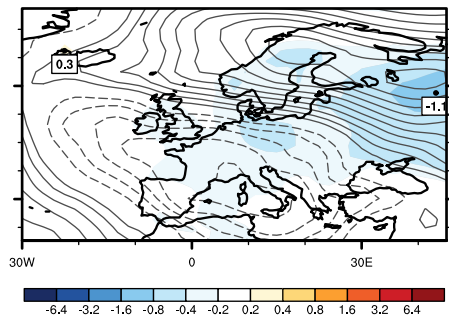


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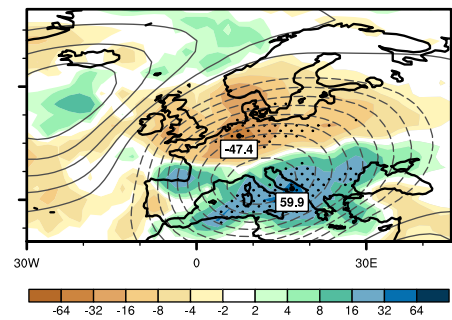
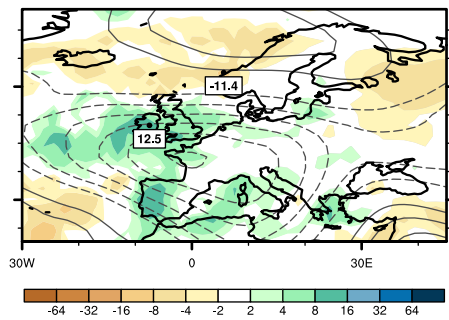
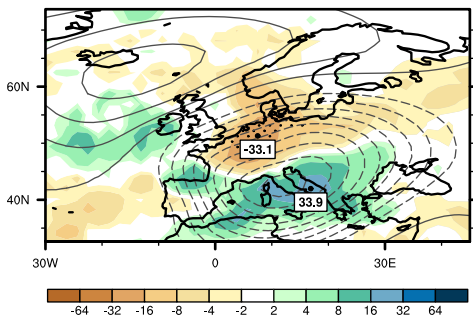
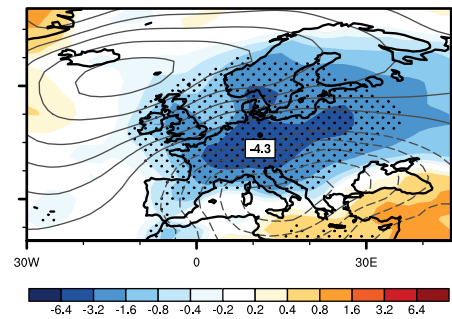
ModE-RA



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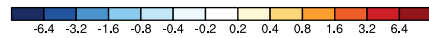
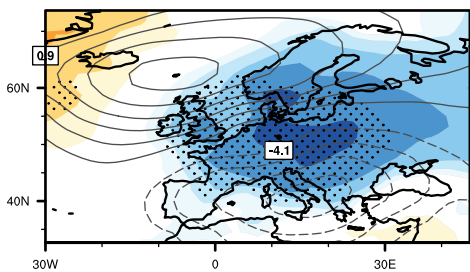


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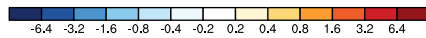
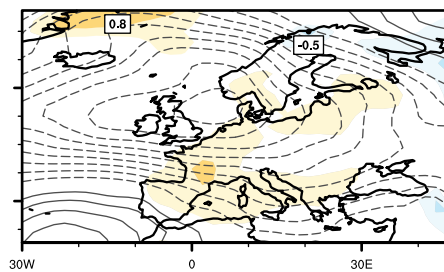


Winter (DJF) 1600

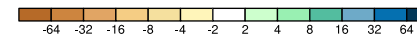
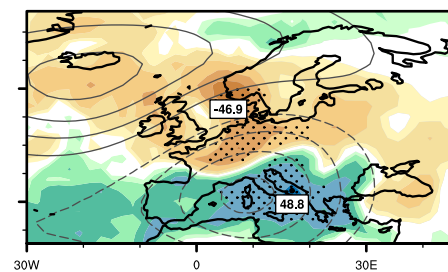
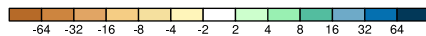
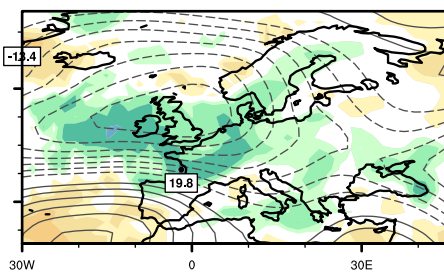
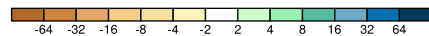
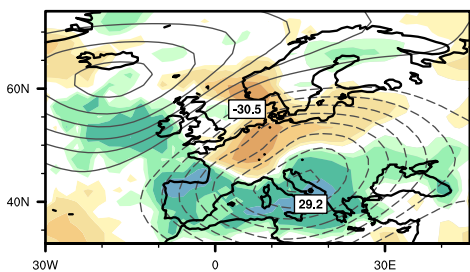
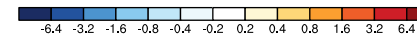
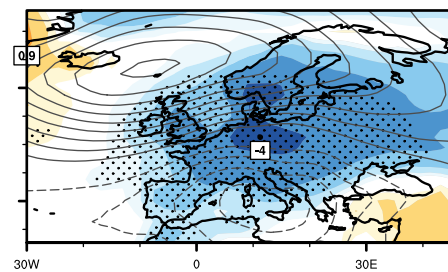
ModE-RA



ModE-Sim

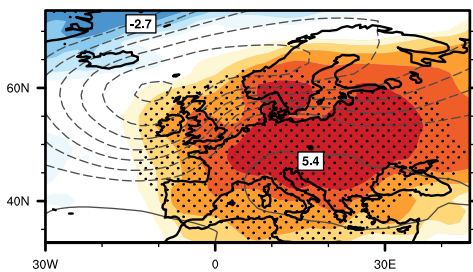


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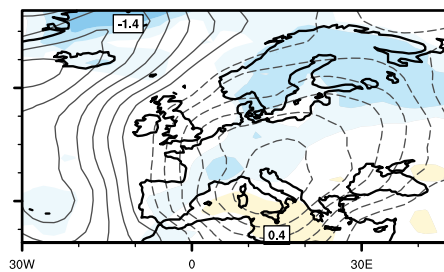


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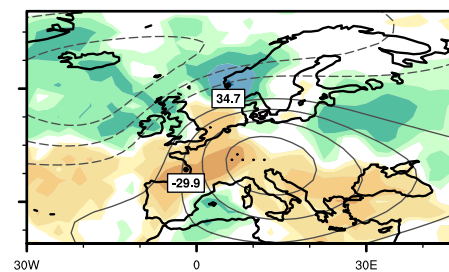
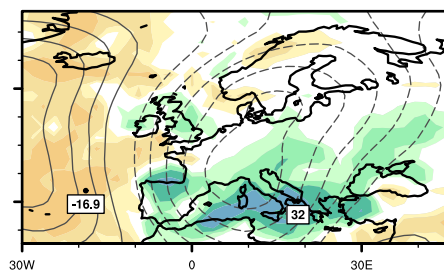
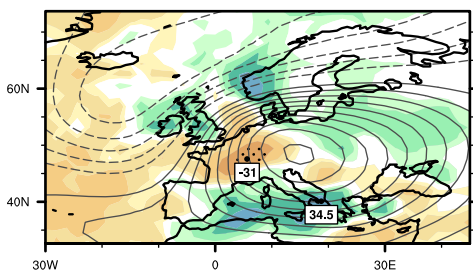
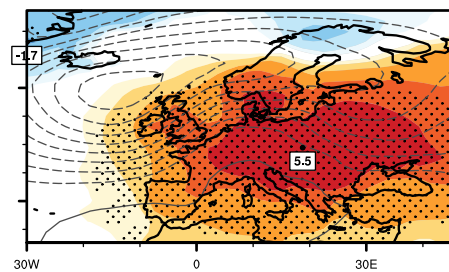
ModE-RA



ModE-Sim

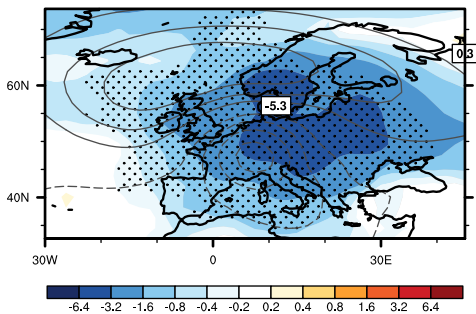


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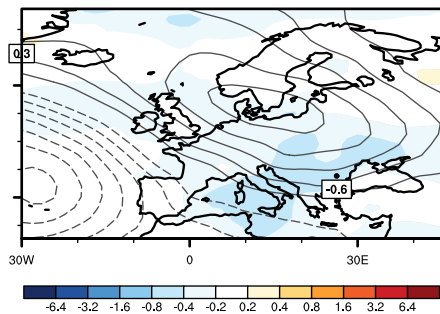


Winter (DJF) 1608

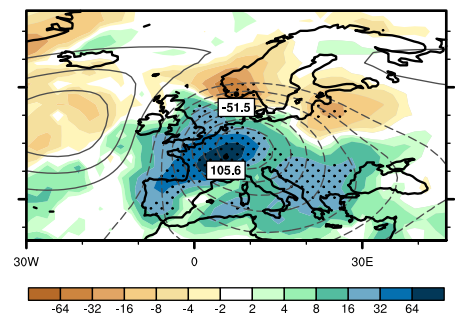
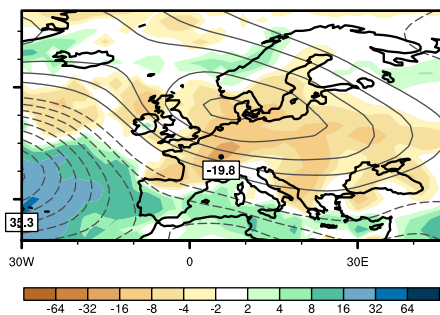
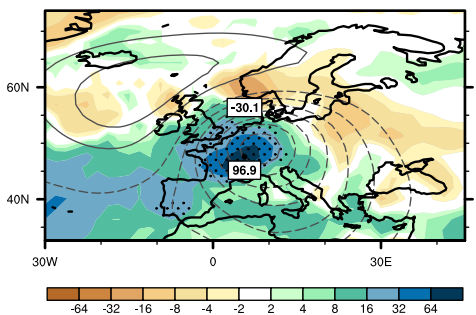
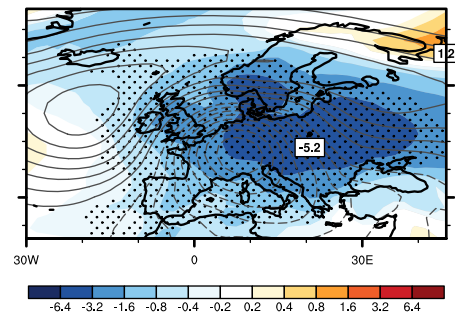
ModE-RA



ModE-Sim

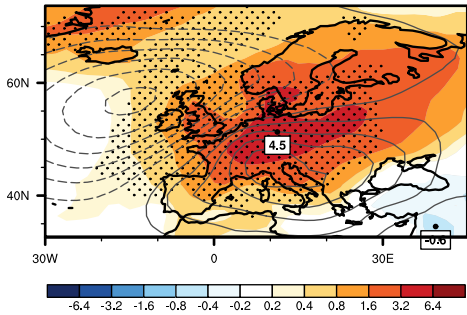


ModE-RAClim

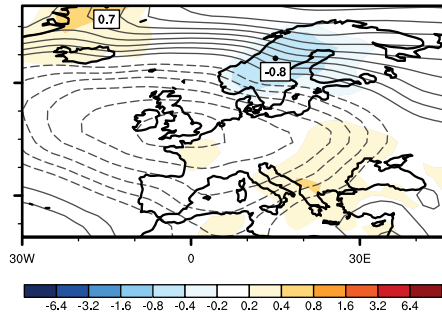


Winter (DJF) 1617

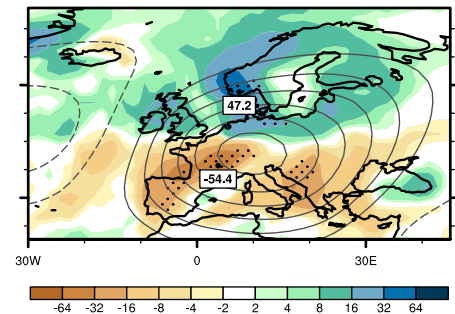
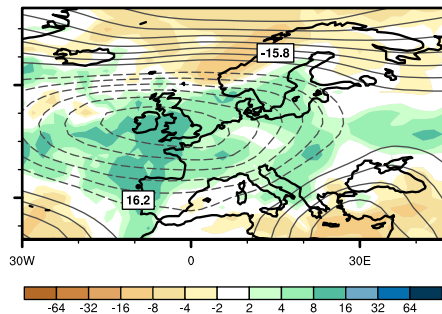
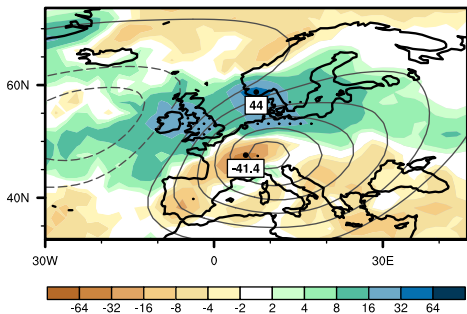
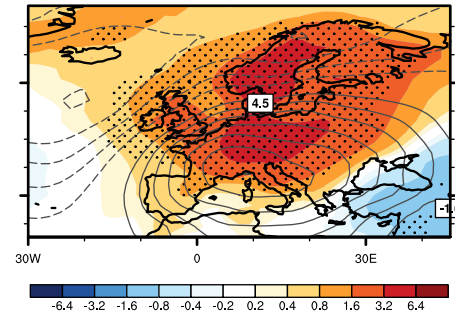
ModE-RA



ModE-Sim

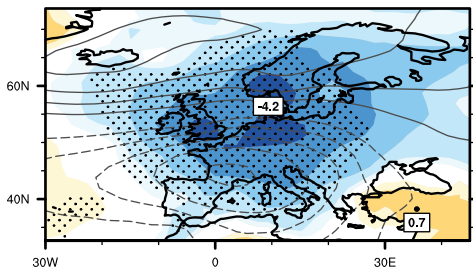


ModE-RAClim

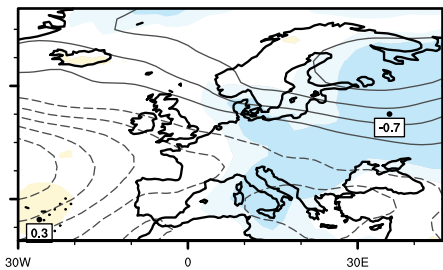


Winter (DJF) 1684

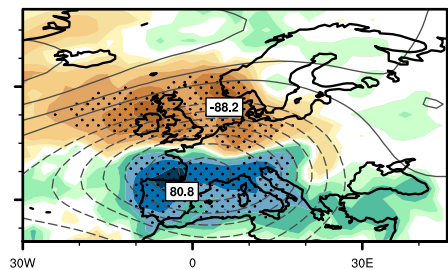
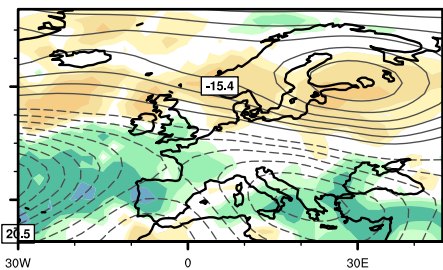
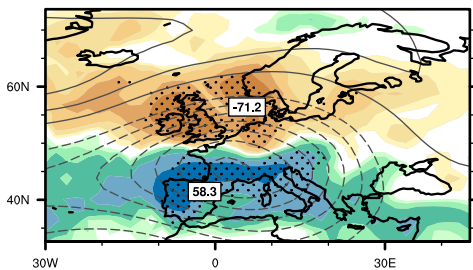
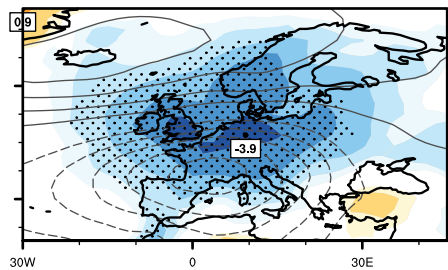
ModE-RA



ModE-Sim

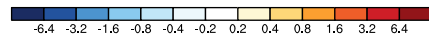
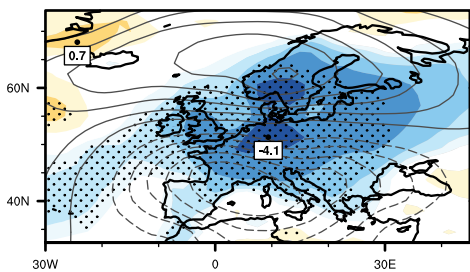


ModE-RAClim

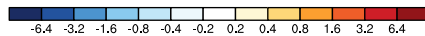
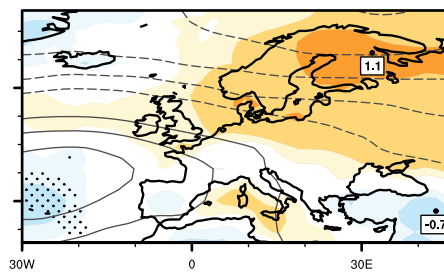


Winter (DJF) 1697

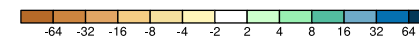
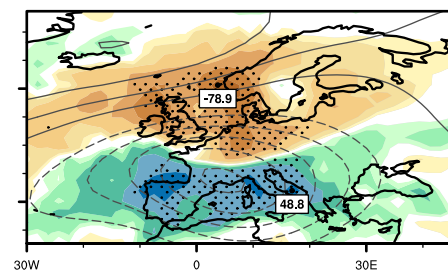
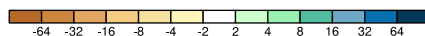
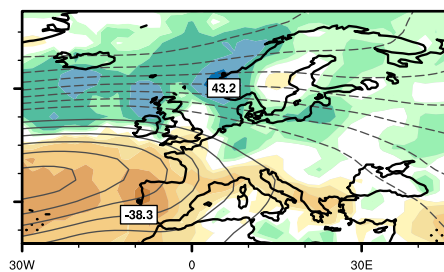
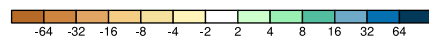
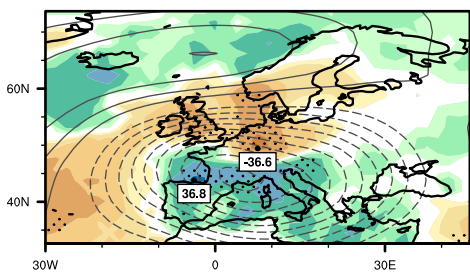
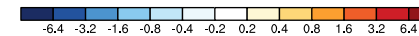
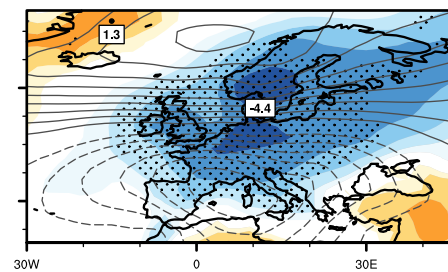
ModE-RA



ModE-Sim

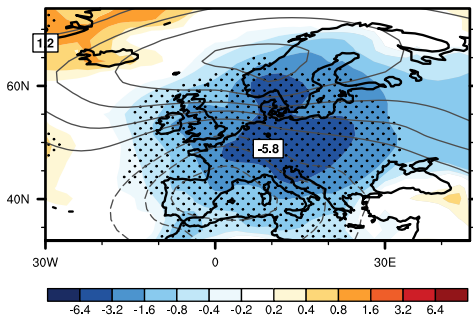


ModE-RAClim

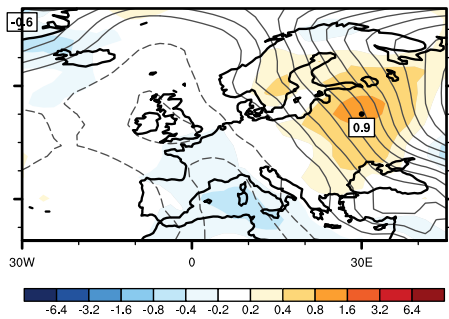


Winter (DJF) 1709

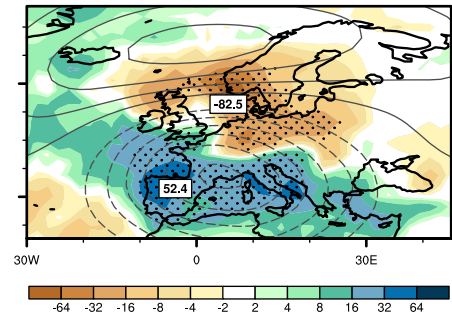
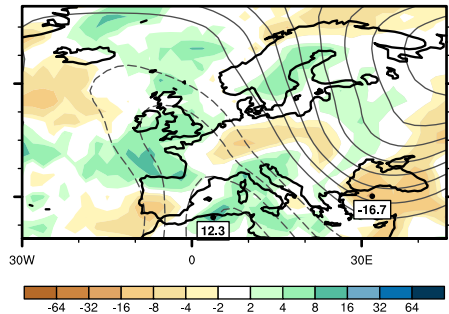
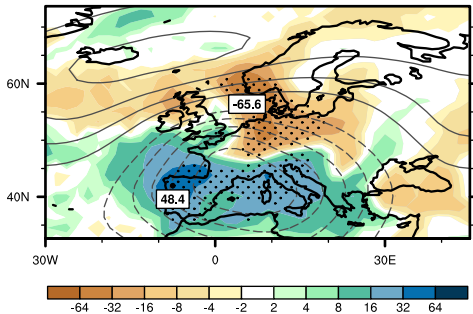
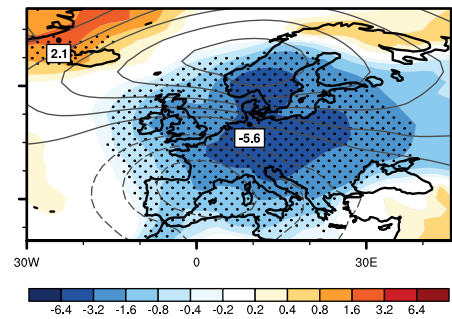
ModE-RA



ModE-Sim

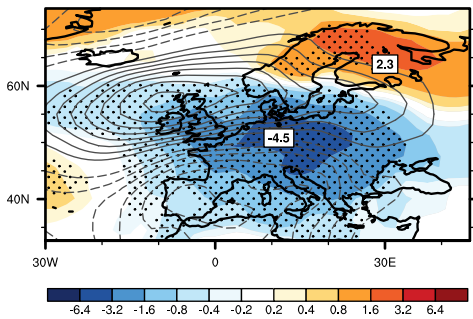


ModE-RAClim

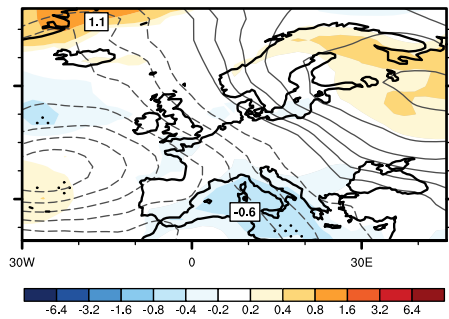


Winter (DJF) 1740

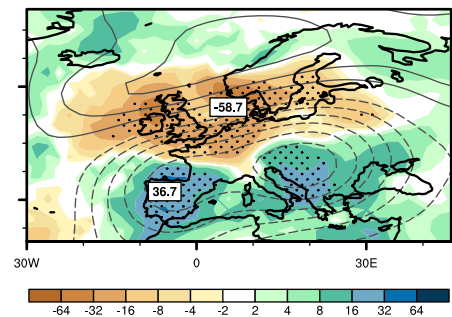
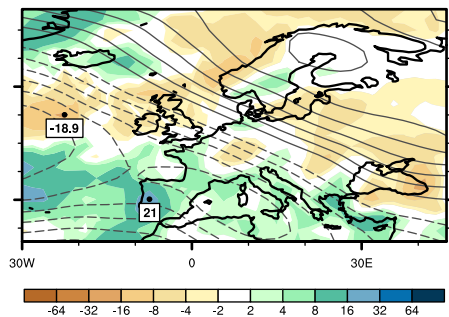
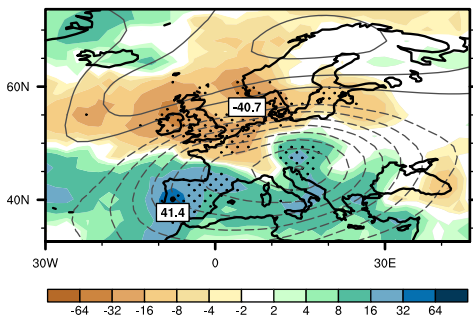
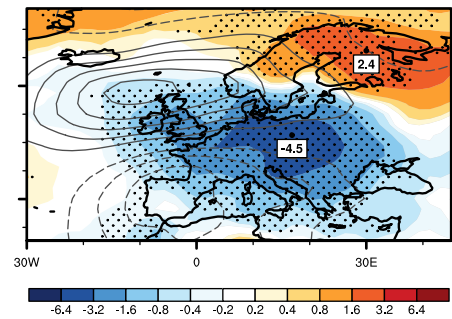
ModE-RA



ModE-Sim

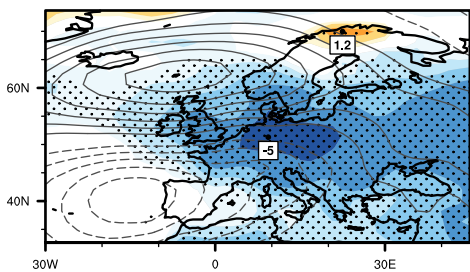


ModE-RAClim

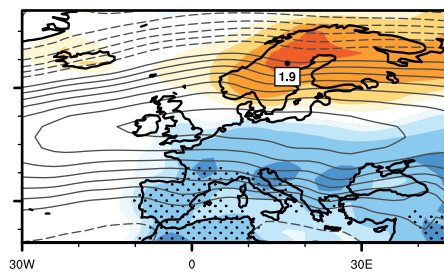


Winter (DJF) 1784

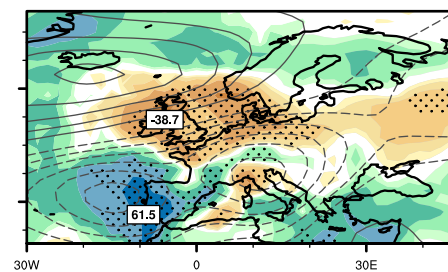
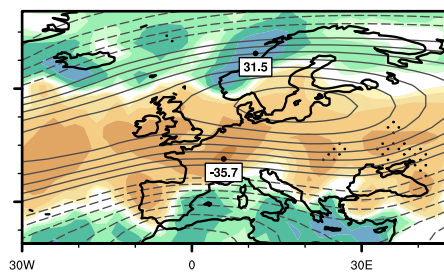
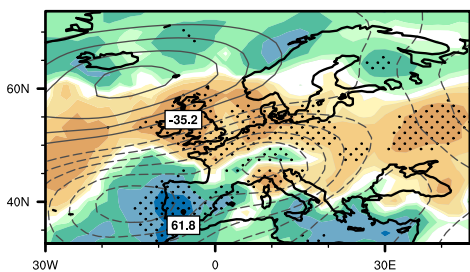
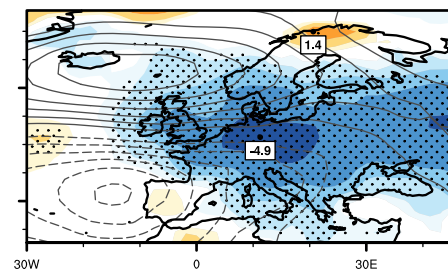
ModE-RA



ModE-Sim

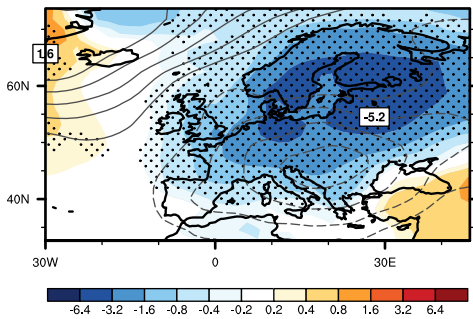


ModE-RAClim

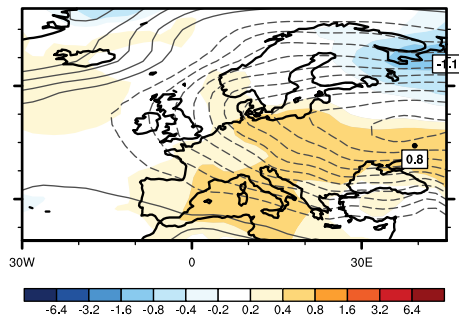


Winter (DJF) 1789

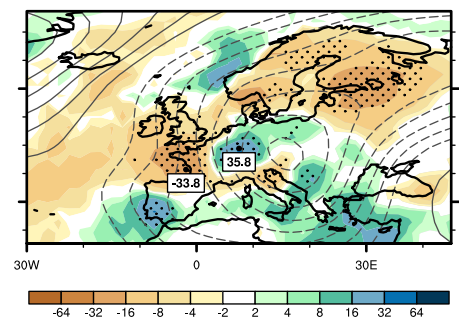
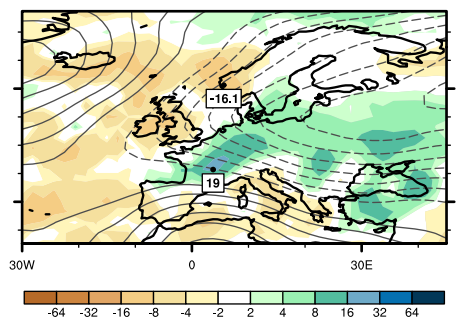
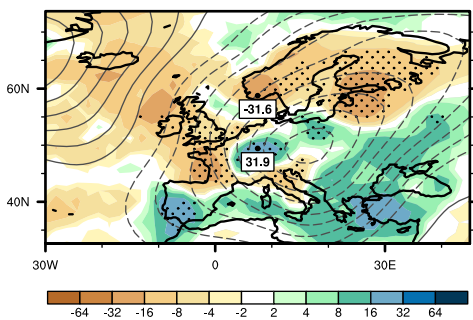
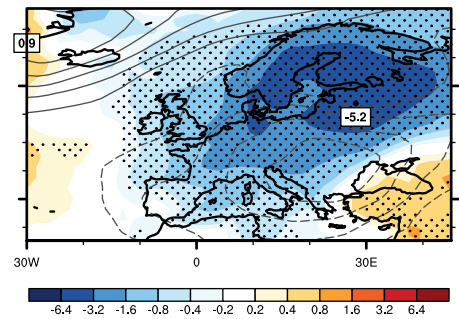
ModE-RA



ModE-Sim

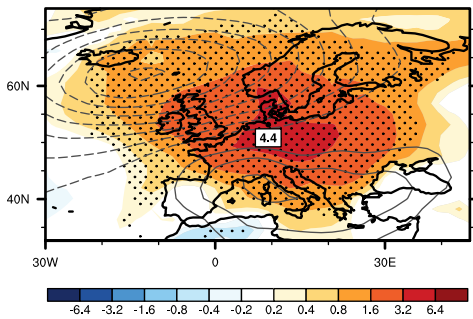


ModE-RAClim

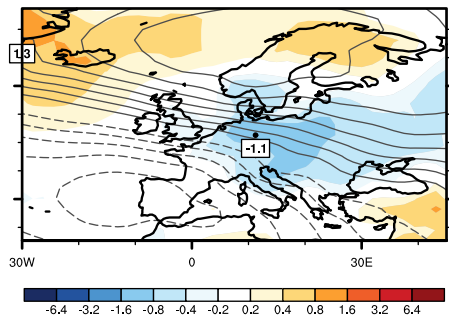


Winter (DJF) 1796

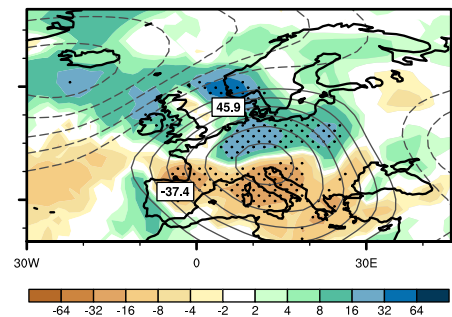
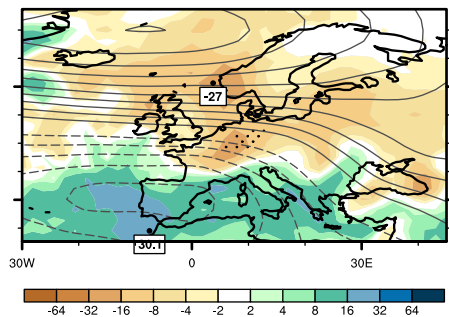
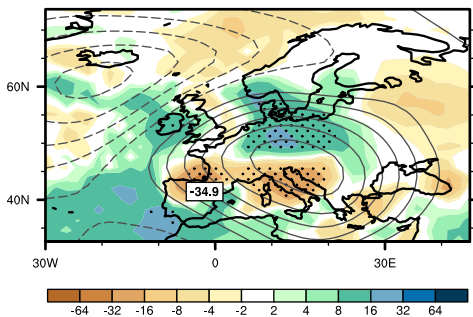
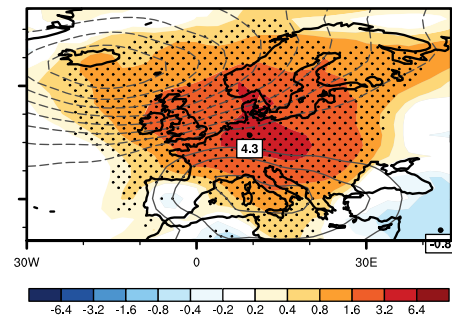
ModE-RA



ModE-Sim

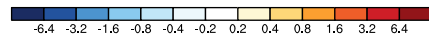
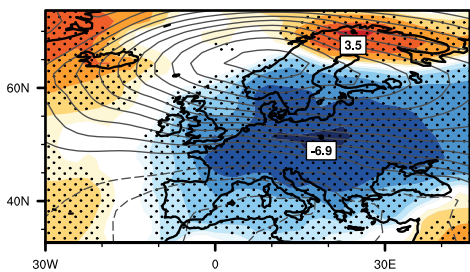


ModE-RAClim

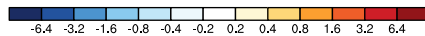
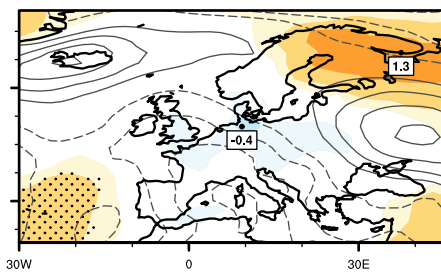


Winter (DJF) 1830

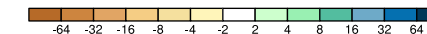
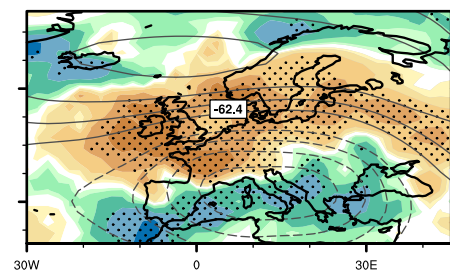
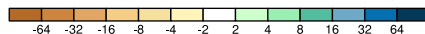
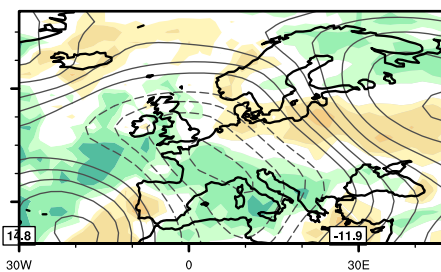
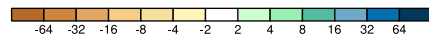
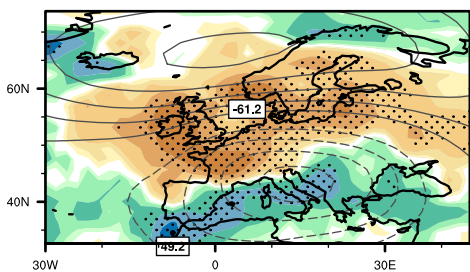
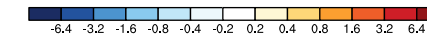
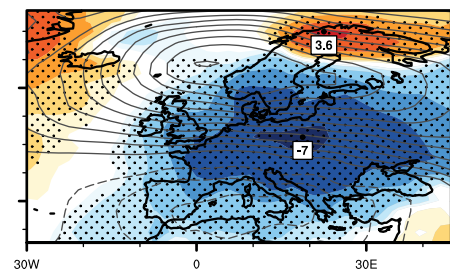
ModE-RA



ModE-Sim

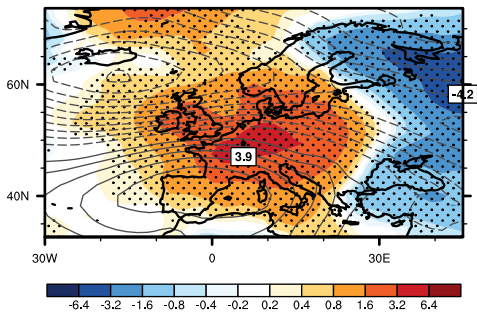


ModE-RAClim

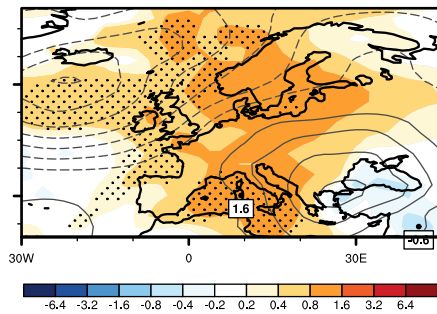


Winter (DJF) 1834

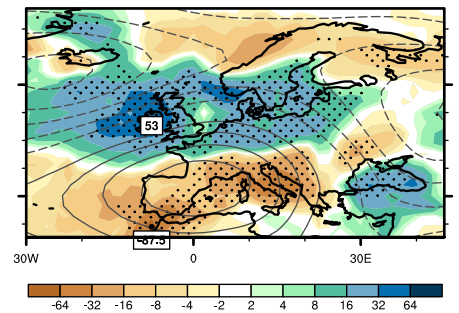
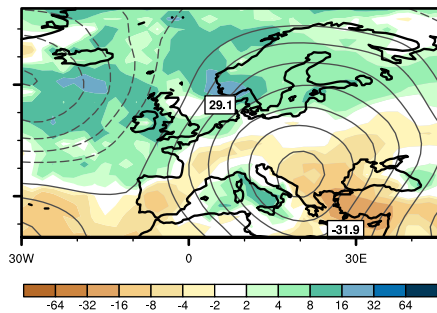
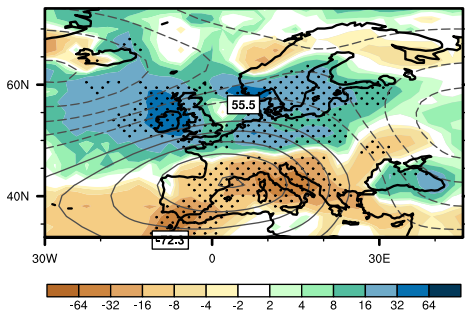
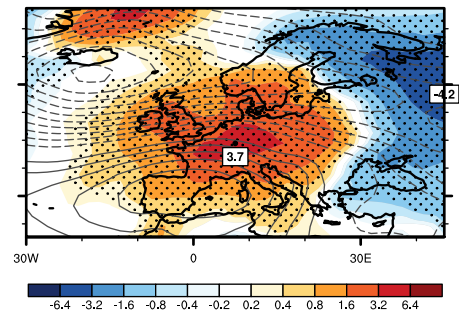
ModE-RA



ModE-Sim

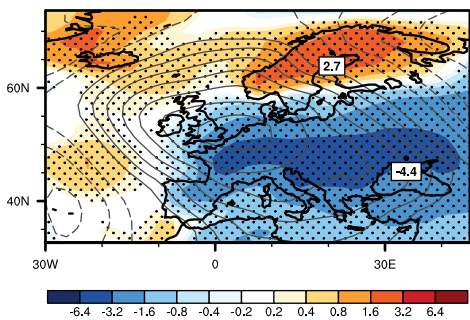


ModE-RAClim

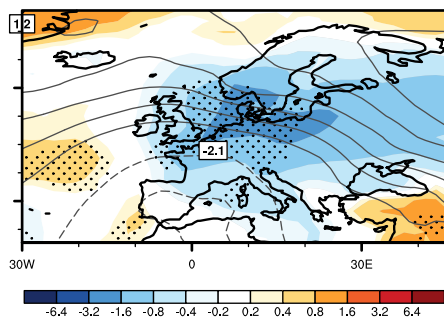


Winter (DJF) 1880

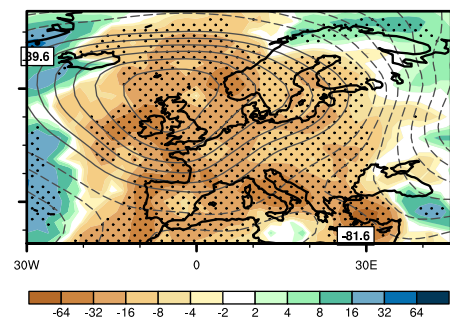
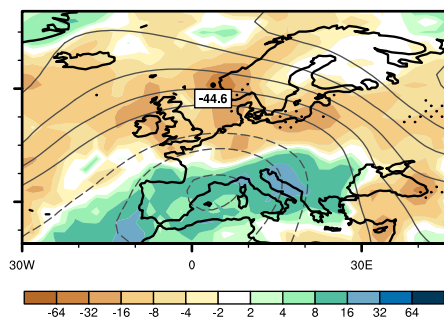
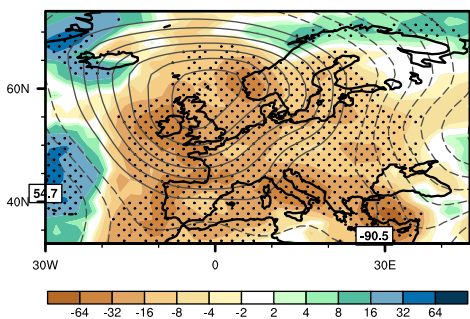
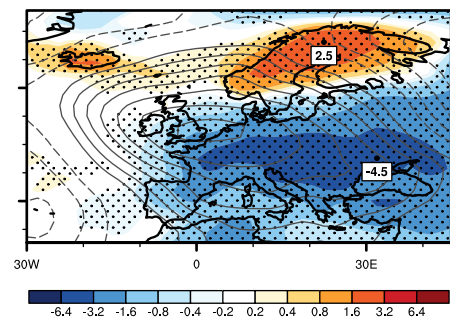
ModE-RA



ModE-Sim

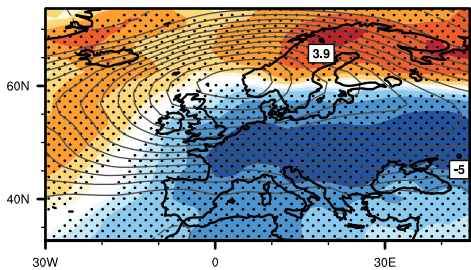


ModE-RAClim

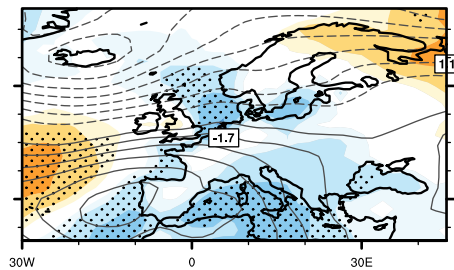


Winter (DJF) 1891

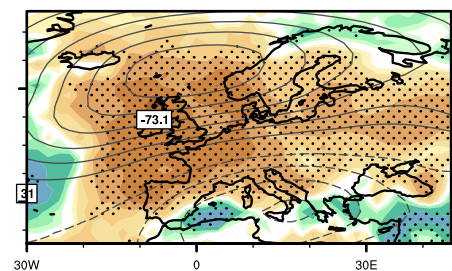
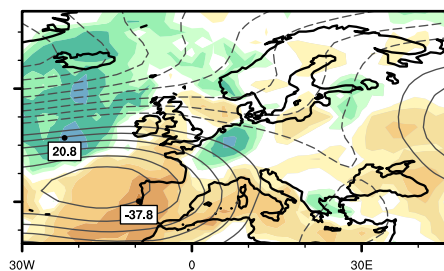
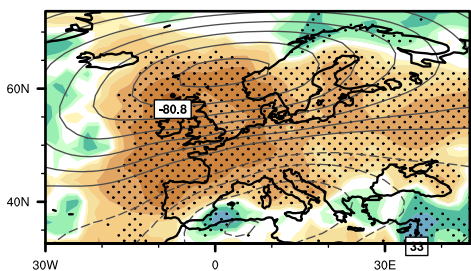
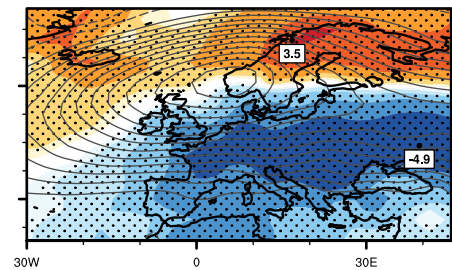
ModE-RA



ModE-Sim

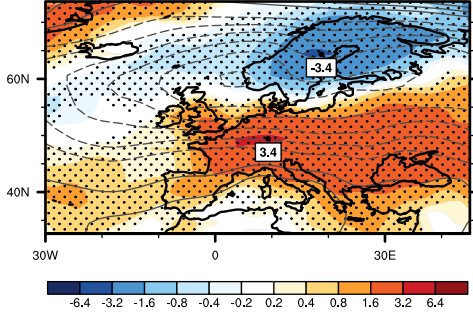


ModE-RAClim

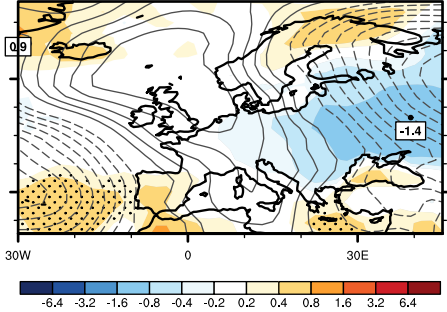


Winter (DJF) 1916

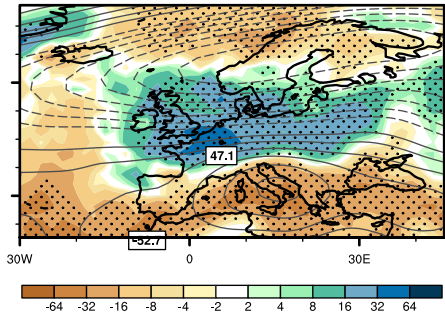
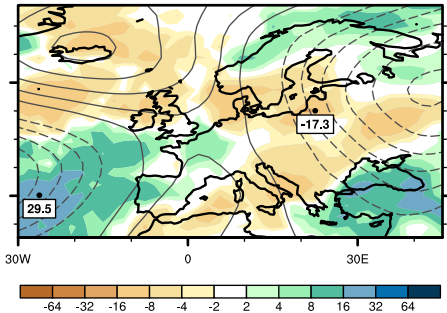
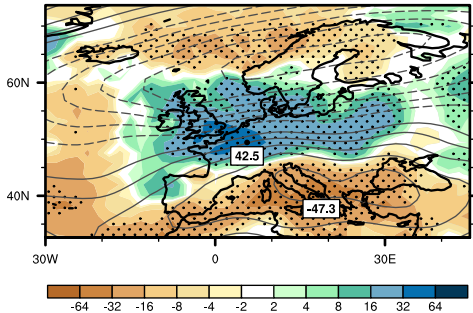
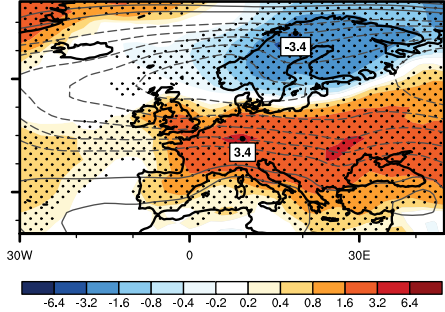
ModE-RA



ModE-Sim

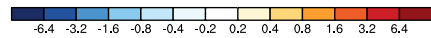
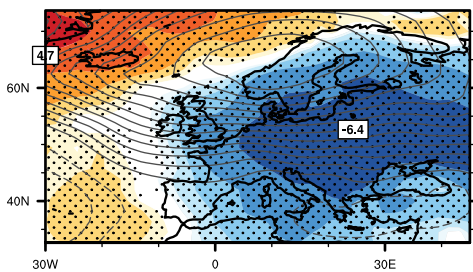


ModE-RAClim

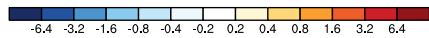
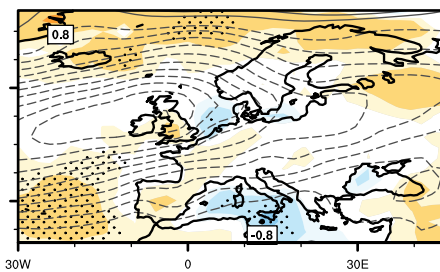


Winter (DJF) 1929

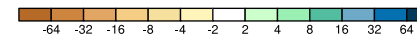
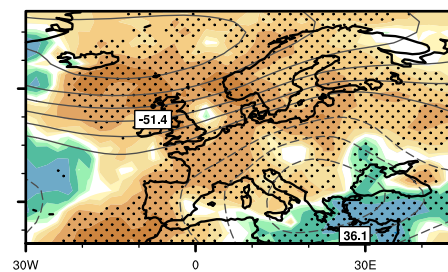
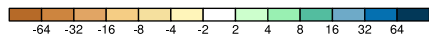
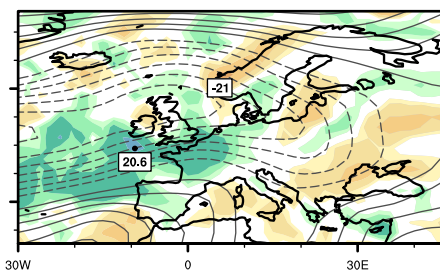
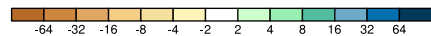
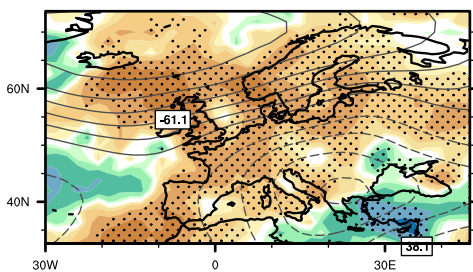
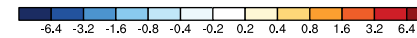
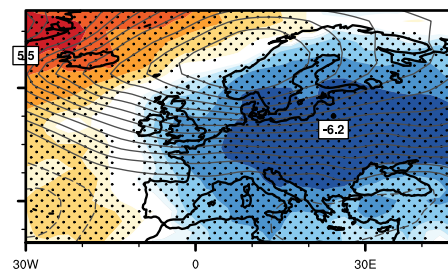
ModE-RA



ModE-Sim

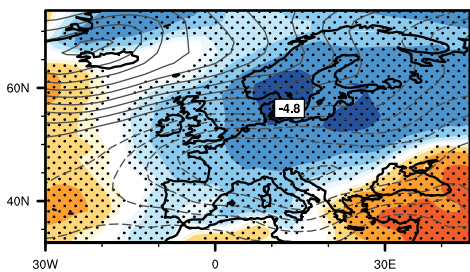


ModE-RAClim

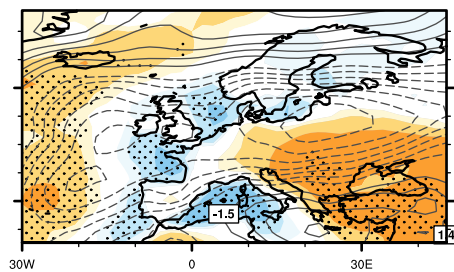


Winter (DJF) 1941

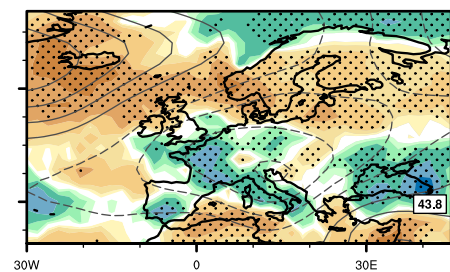
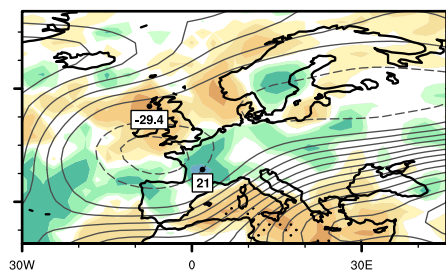
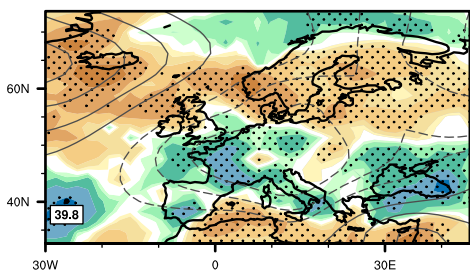
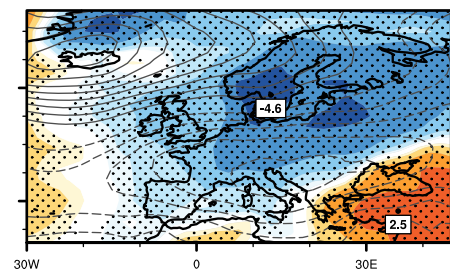
ModE-RA



ModE-Sim

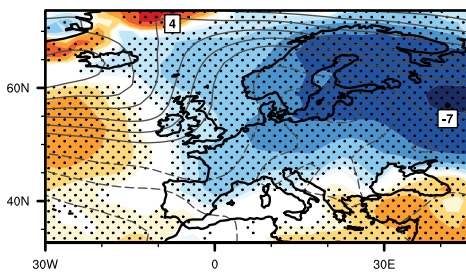


ModE-RAClim

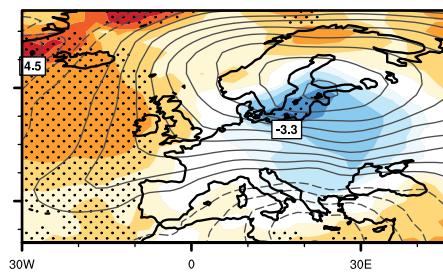


Winter (DJF) 1956

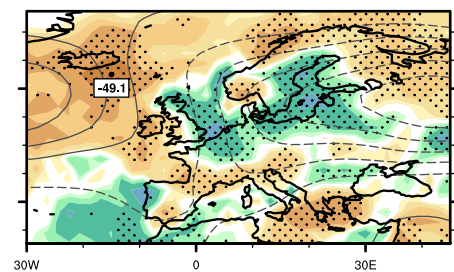
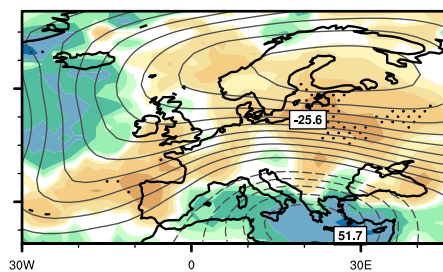
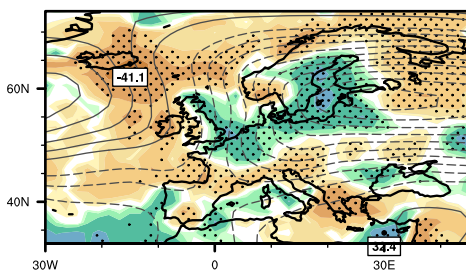
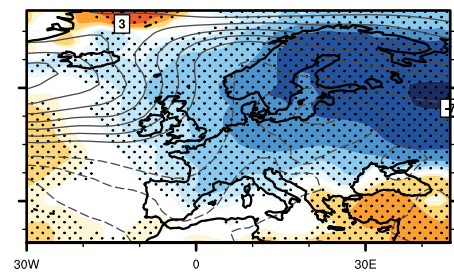
ModE-RA



ModE-Sim

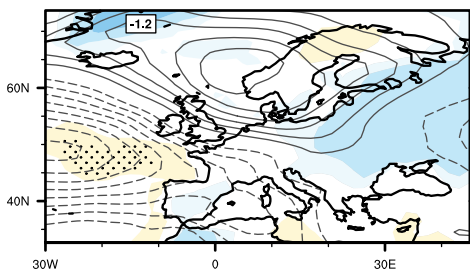


ModE-RAClim

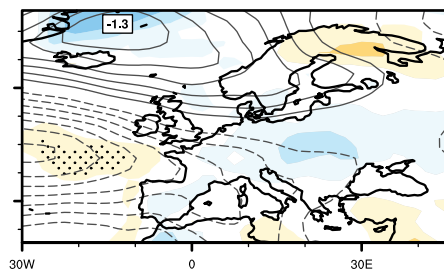


Spring (MAM) 1435

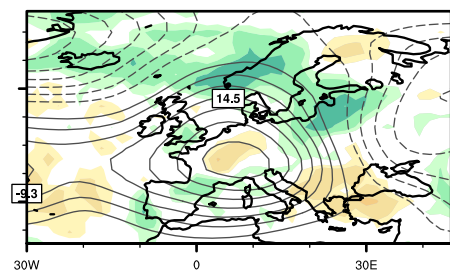
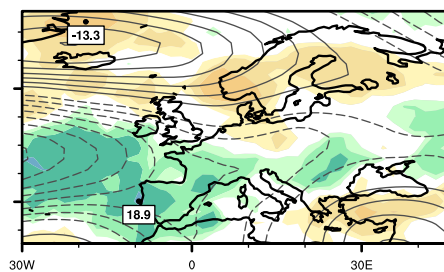
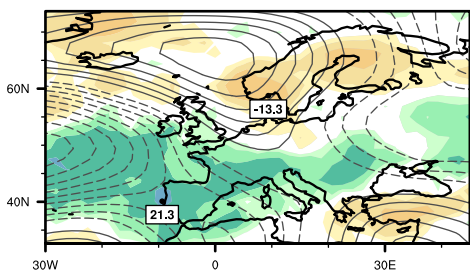
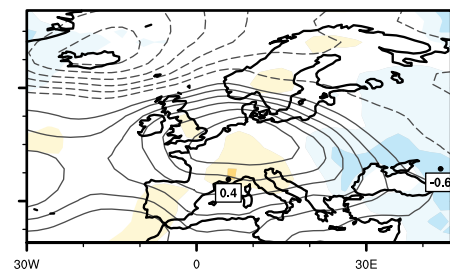
ModE-RA



ModE-Sim

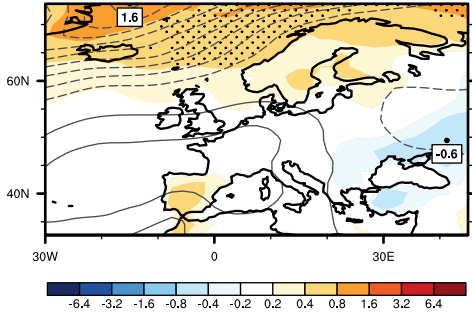


ModE-RAClim

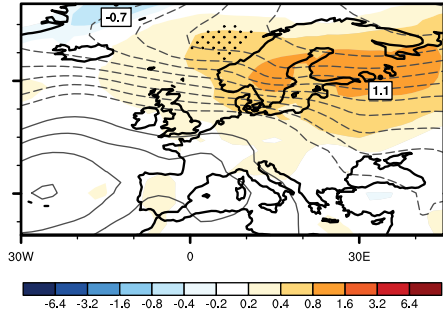


Spring (MAM) 1443

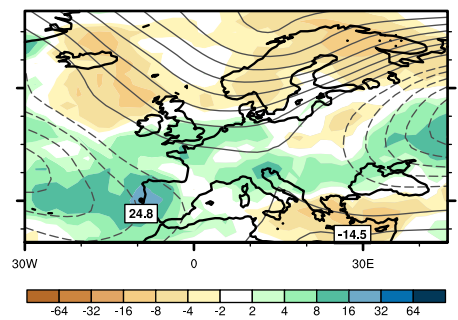
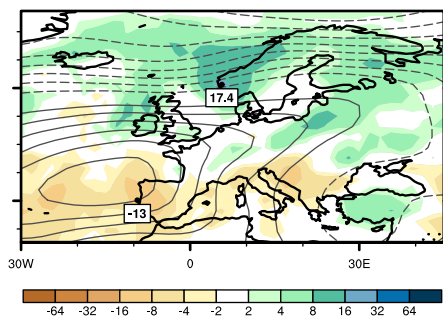
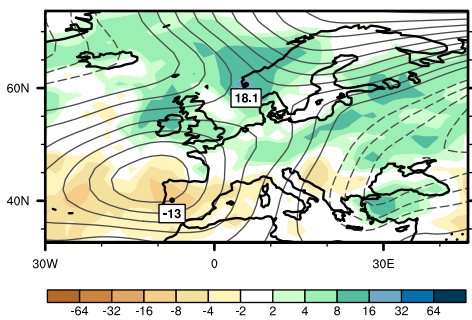
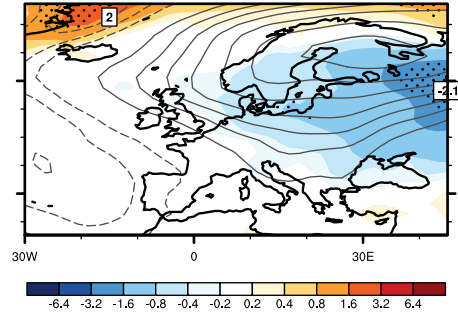
ModE-RA



ModE-Sim

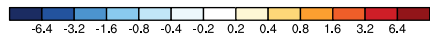
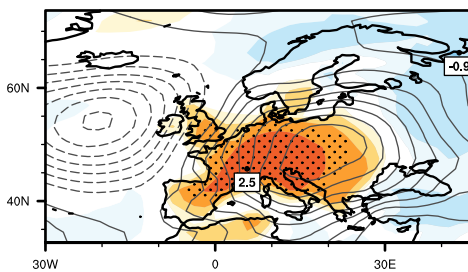


ModE-RAClim

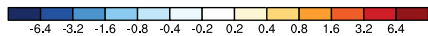
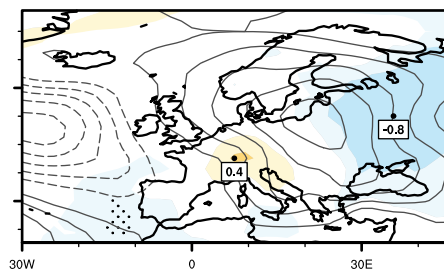


Spring (MAM) 1473

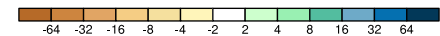
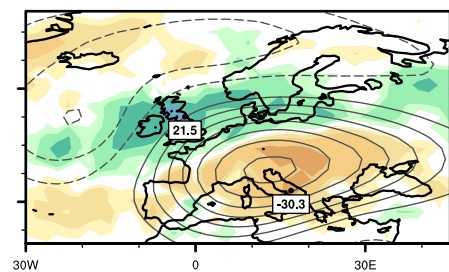
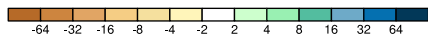
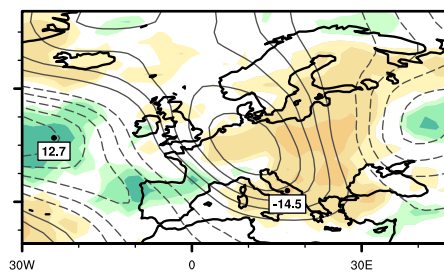
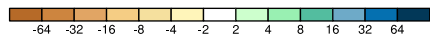
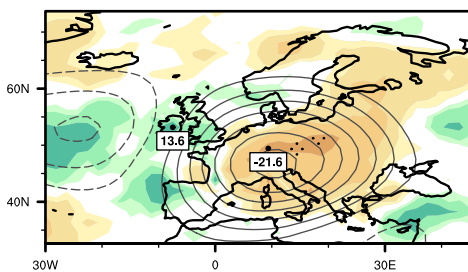
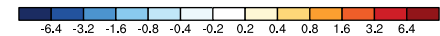
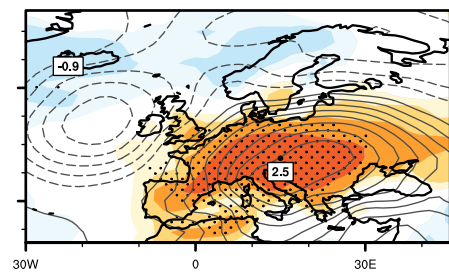
ModE-RA



ModE-Sim

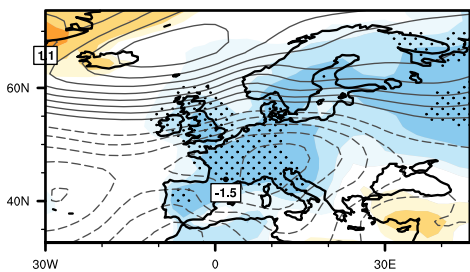


ModE-RAClim

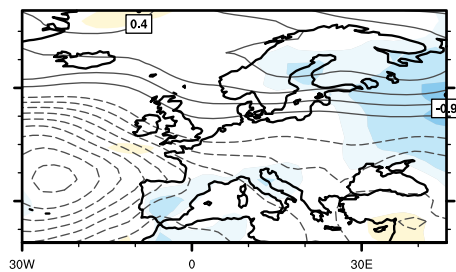


Spring (MAM) 1491

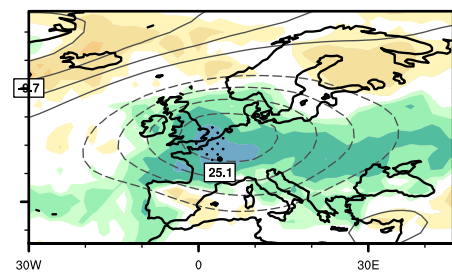
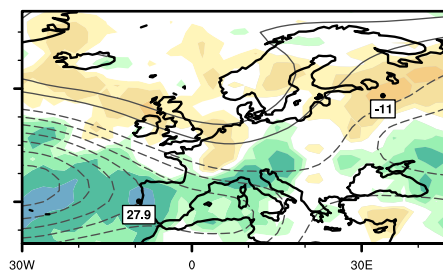
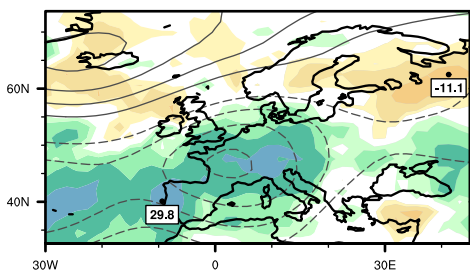
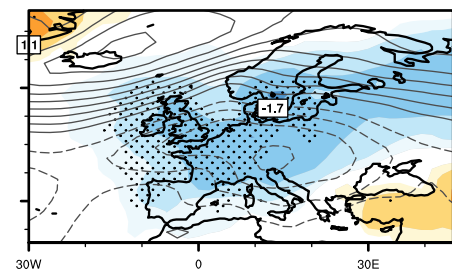
ModE-RA



ModE-Sim

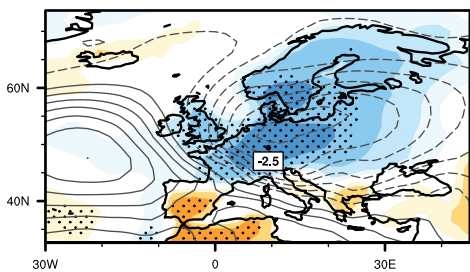


ModE-RAClim

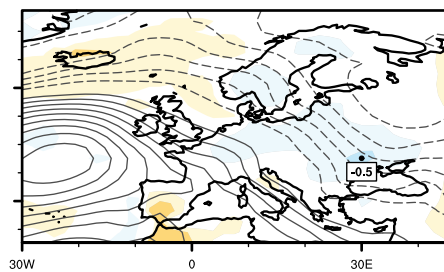


Spring (MAM) 1542

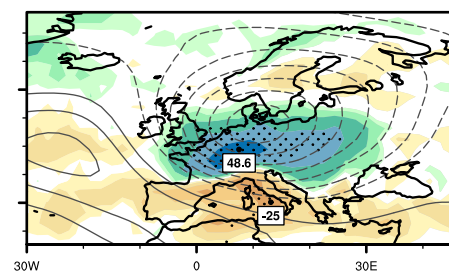
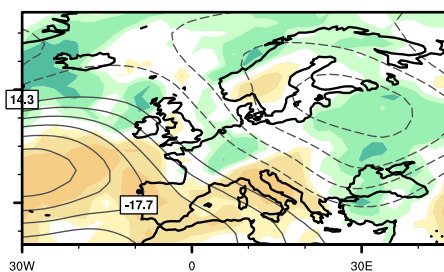
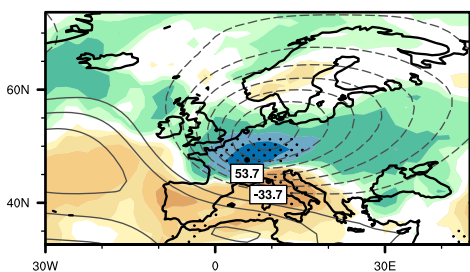
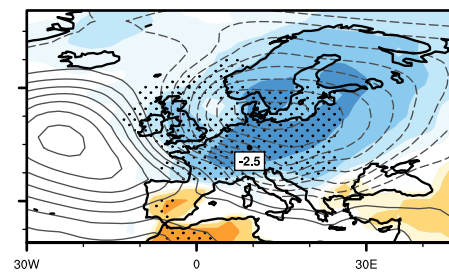
ModE-RA



ModE-Sim

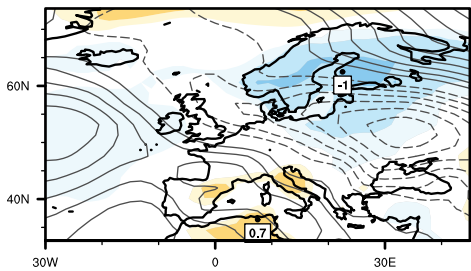


ModE-RAClim

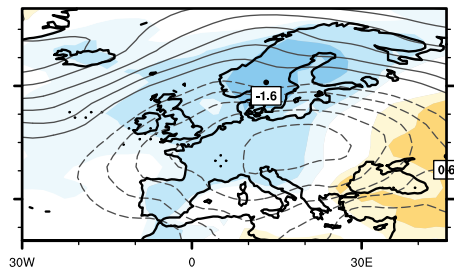


Spring (MAM) 1556

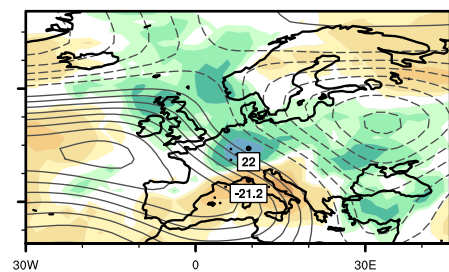
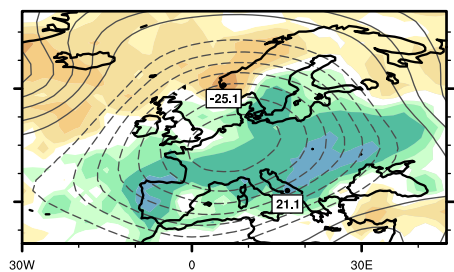
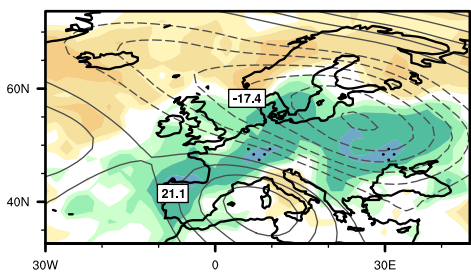
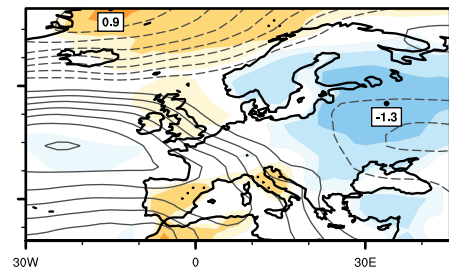
ModE-RA



ModE-Sim

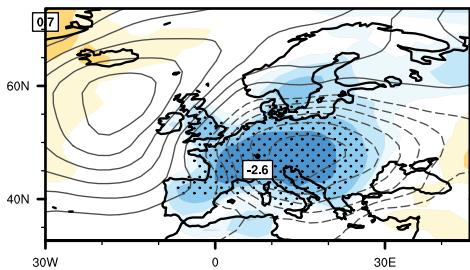


ModE-RAClim

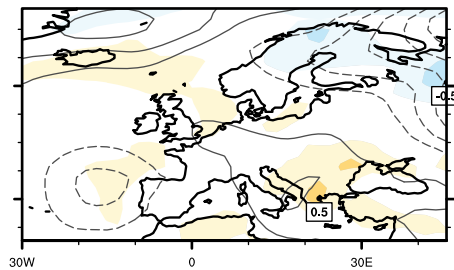


Spring (MAM) 1573

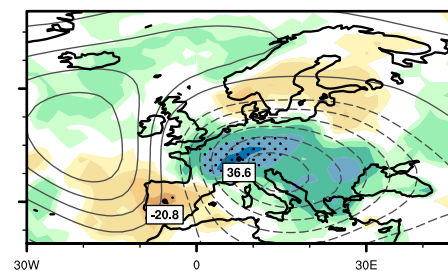
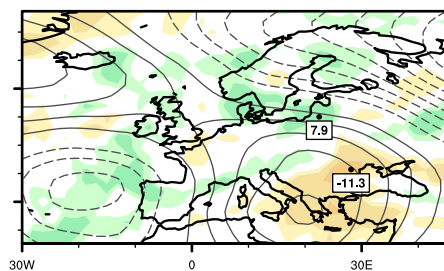
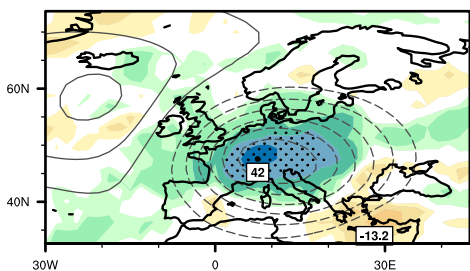
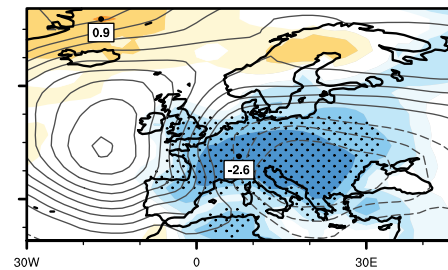
ModE-RA



ModE-Sim

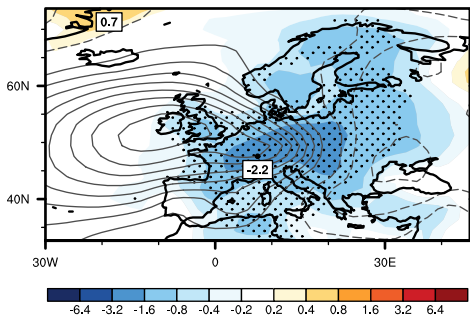


ModE-RAClim

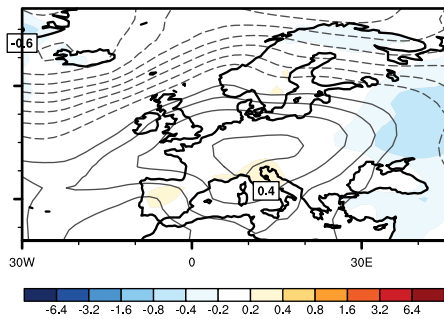


Spring (MAM) 1587

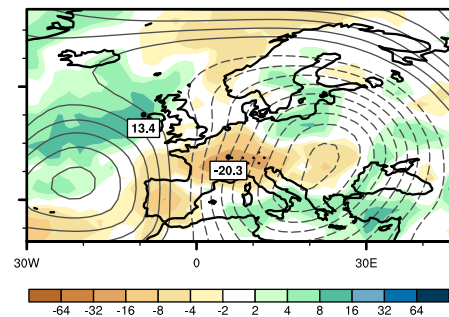
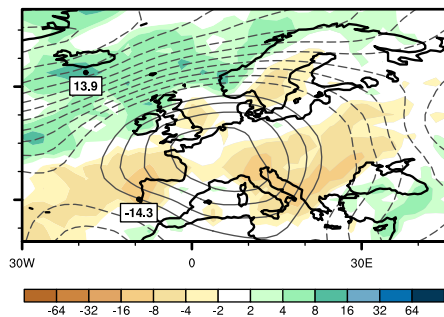
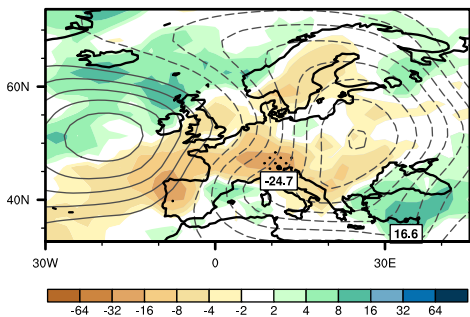
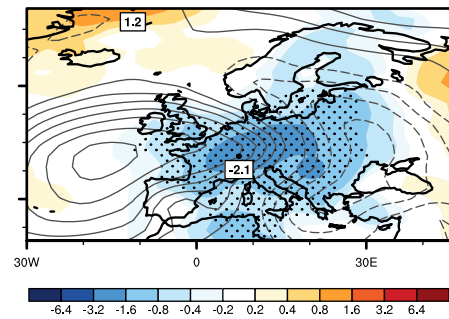
ModE-RA



ModE-Sim

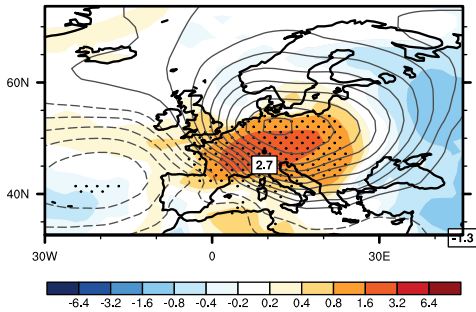


ModE-RAClim

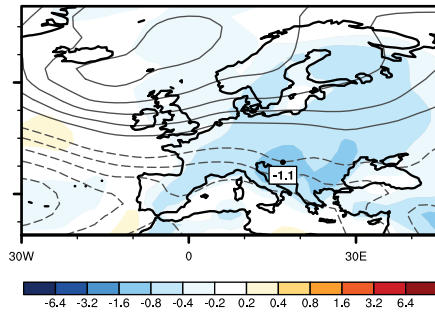


Spring (MAM) 1611

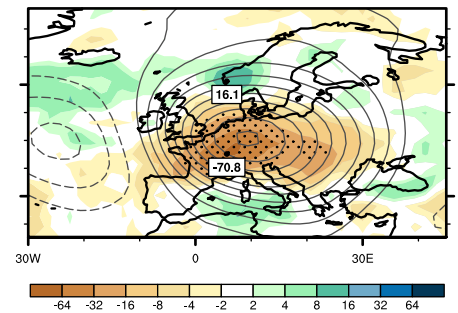
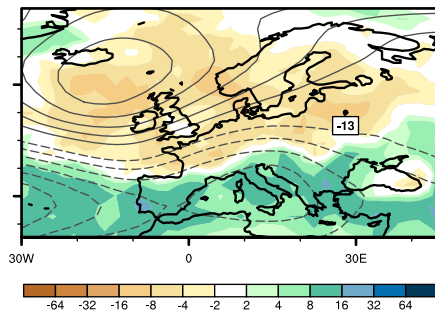
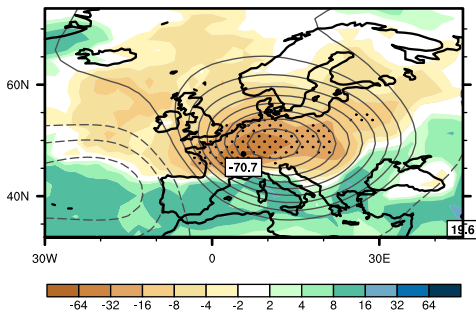
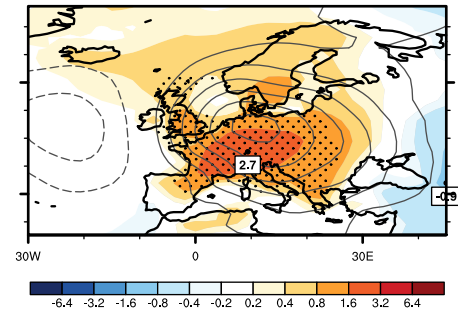
ModE-RA



ModE-Sim

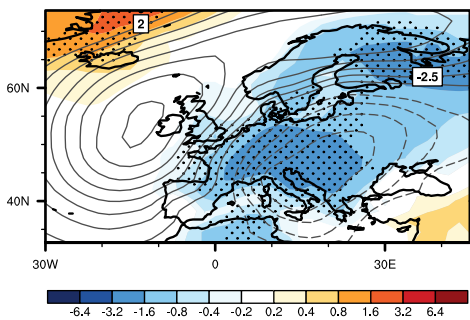


ModE-RAClim

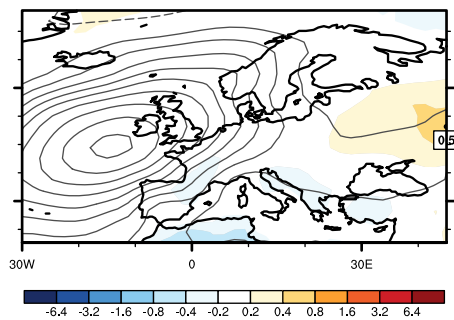


Spring (MAM) 1614

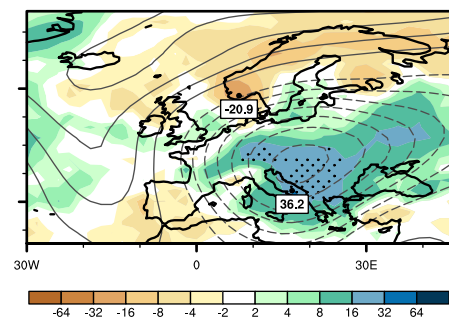
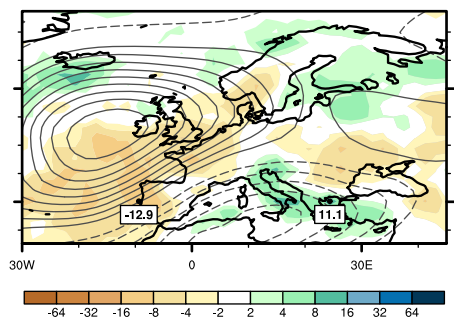
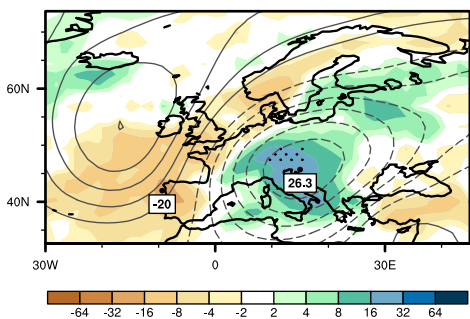
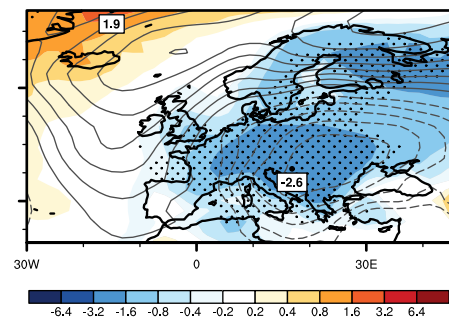
ModE-RA



ModE-Sim

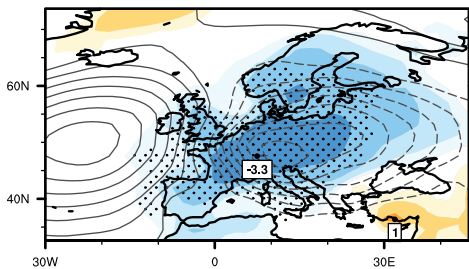


ModE-RAClim

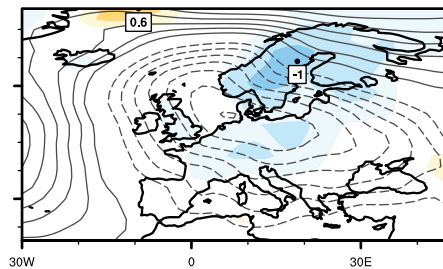


Spring (MAM) 1627

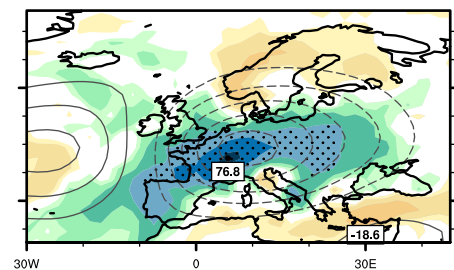
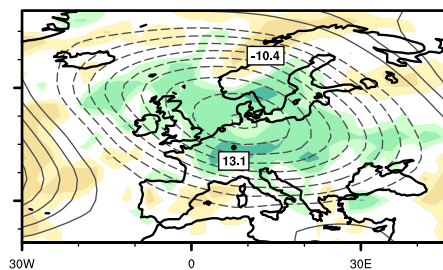
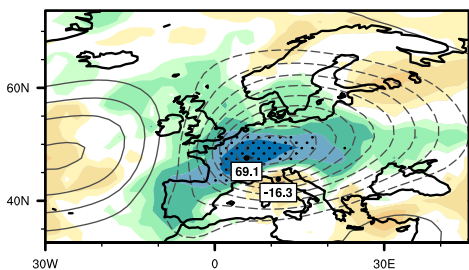
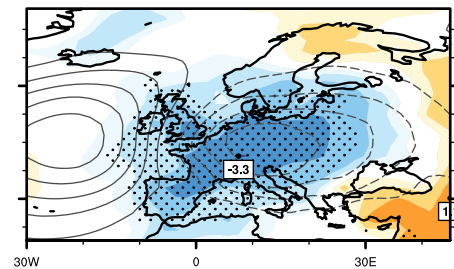
ModE-RA



ModE-Sim

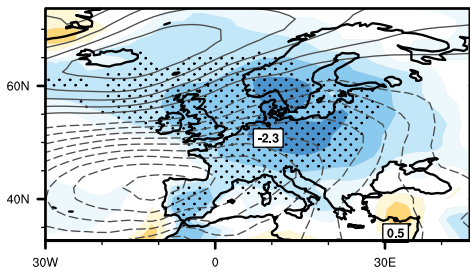


ModE-RAClim

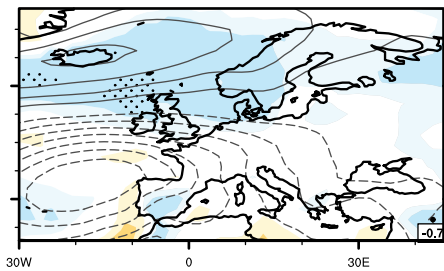


Spring (MAM) 1658

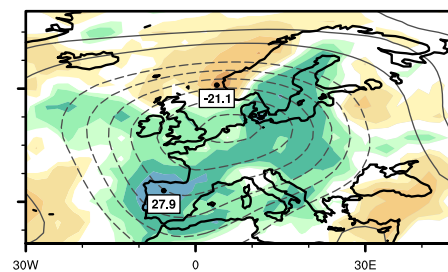
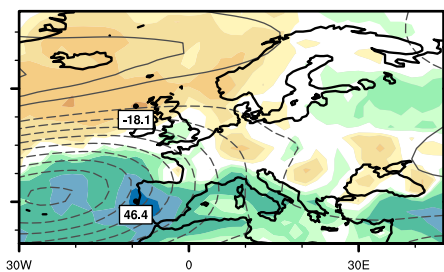
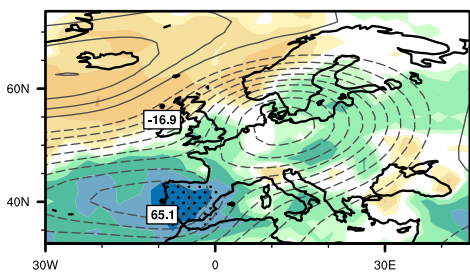
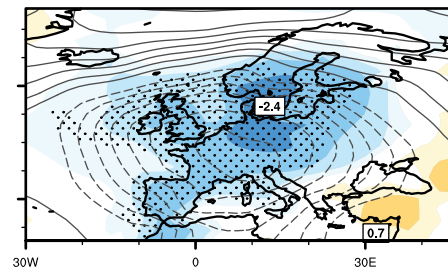
ModE-RA



ModE-Sim

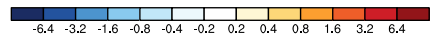
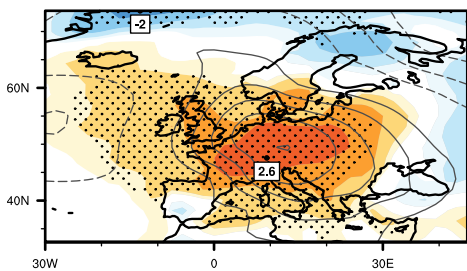


ModE-RAClim

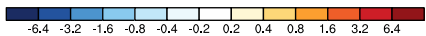
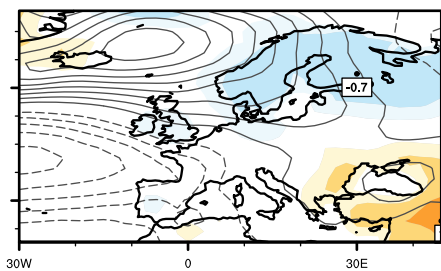


Spring (MAM) 1686

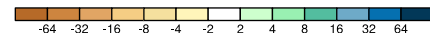
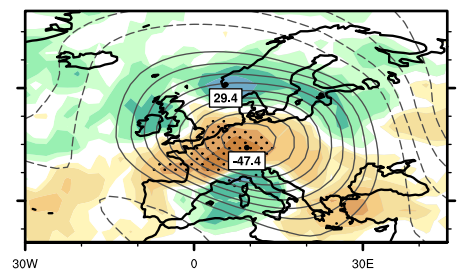
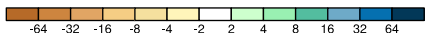
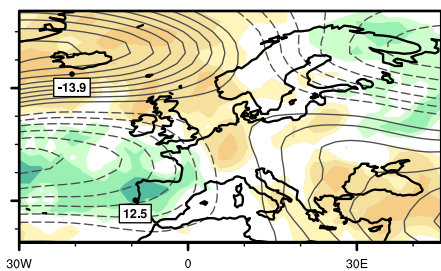
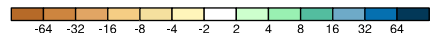
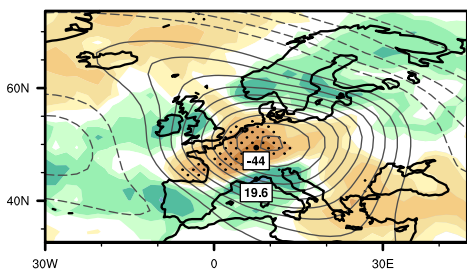
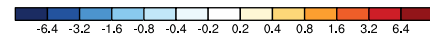
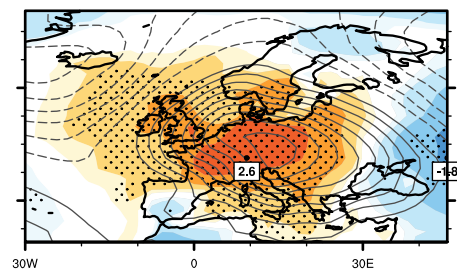
ModE-RA



ModE-Sim

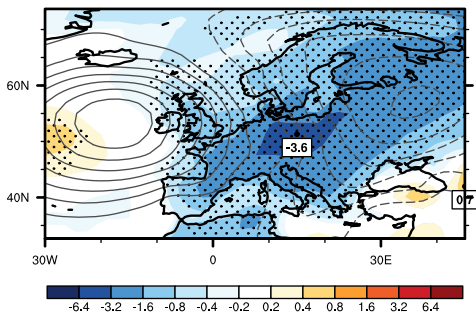


ModE-RAClim

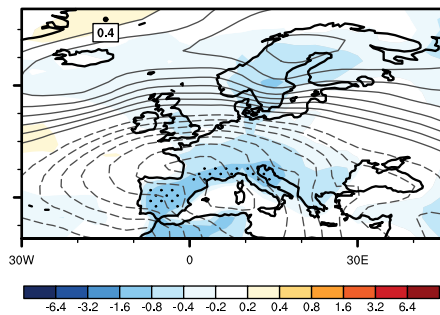


Spring (MAM) 1740

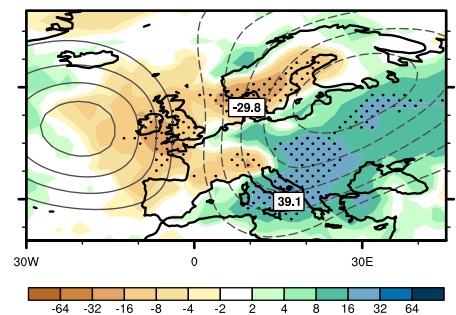
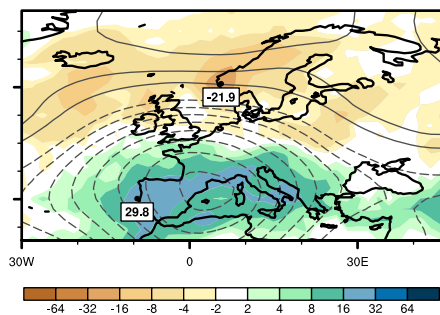
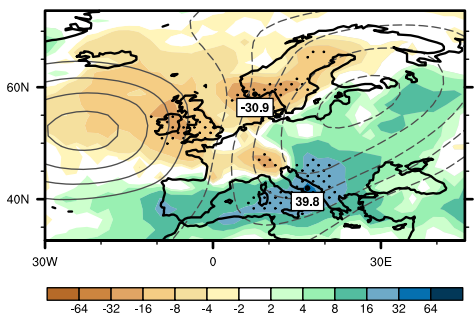
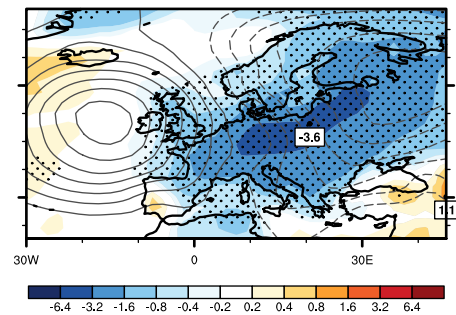
ModE-RA



ModE-Sim

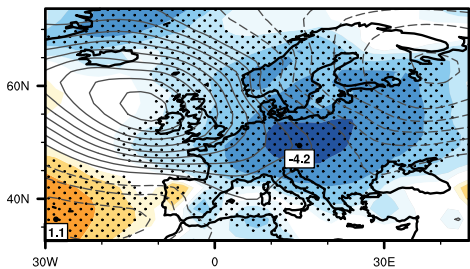


ModE-RAClim

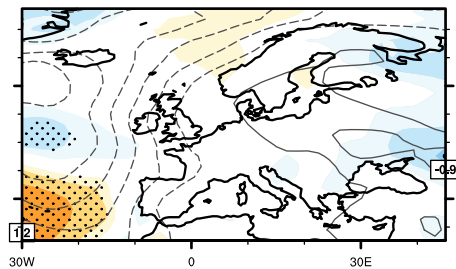


Spring (MAM) 1785

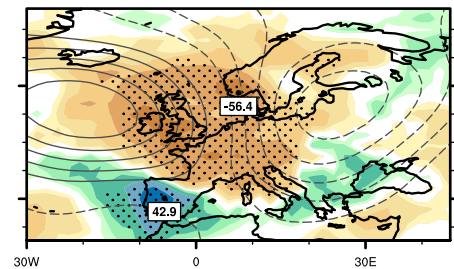
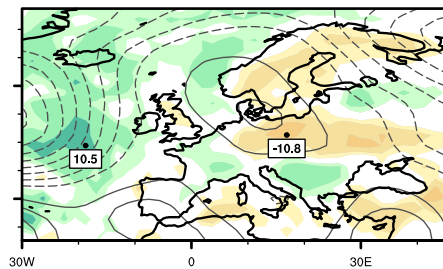
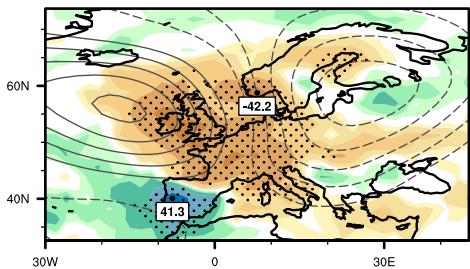
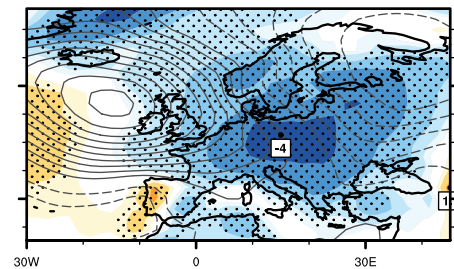
ModE-RA



ModE-Sim

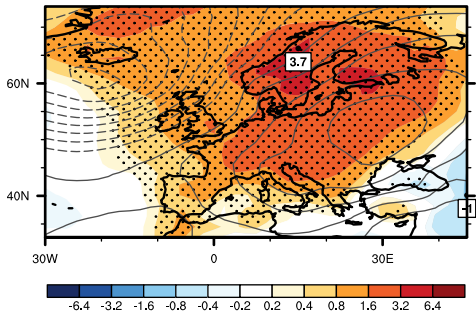


ModE-RAClim

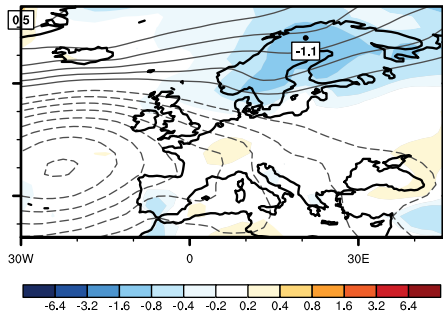


Spring (MAM) 1794

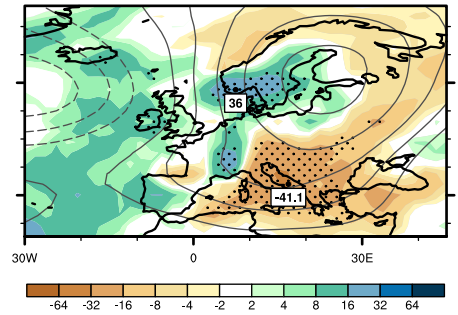
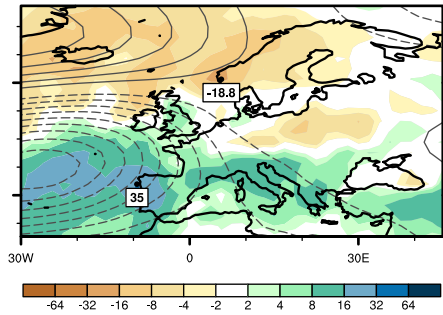
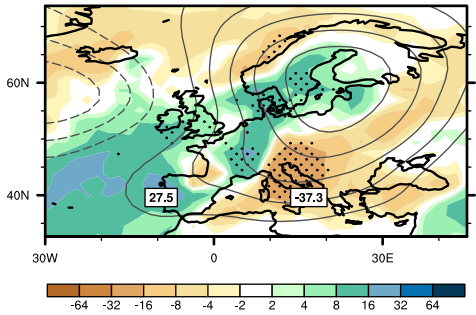
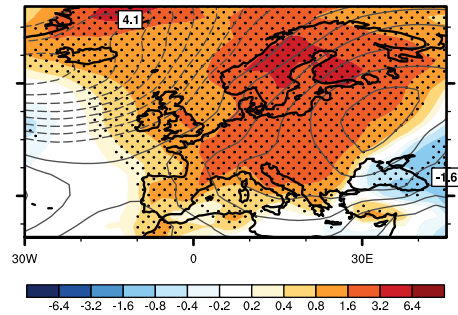
ModE-RA



ModE-Sim

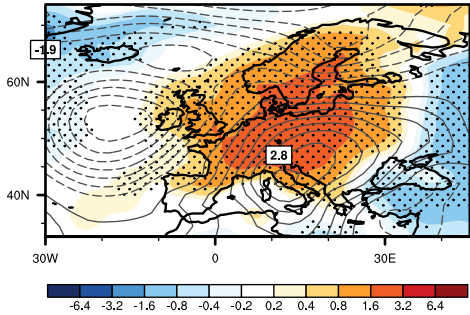


ModE-RAClim

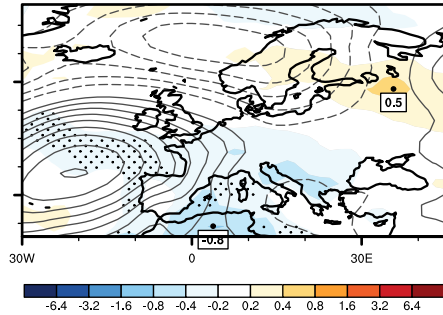


Spring (MAM) 1811

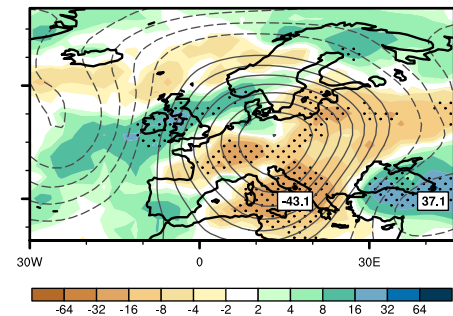
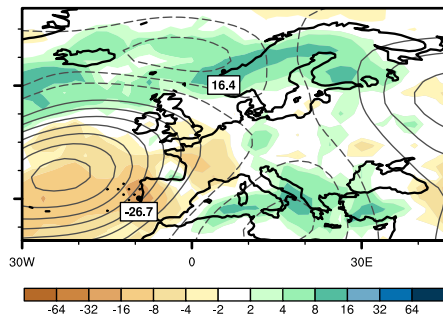
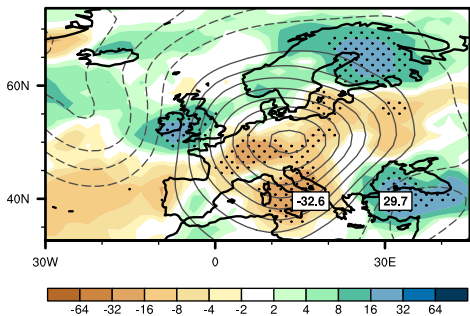
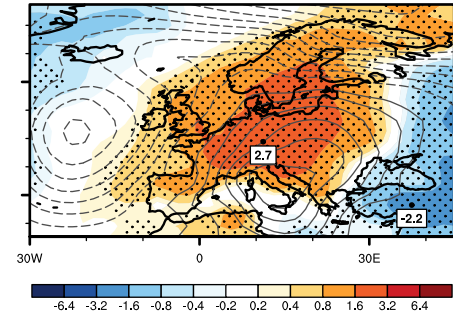
ModE-RA



ModE-Sim

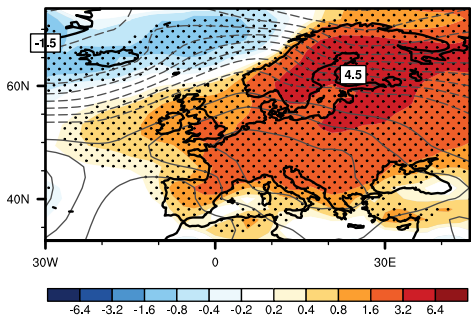


ModE-RAClim

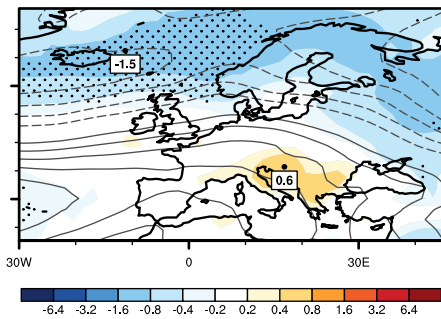


Spring (MAM) 1822

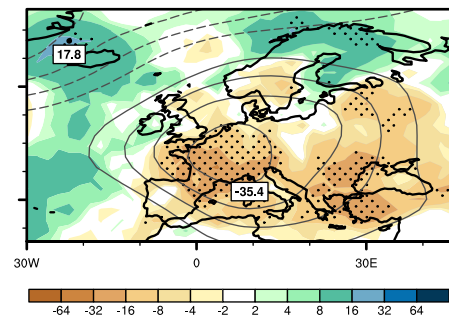
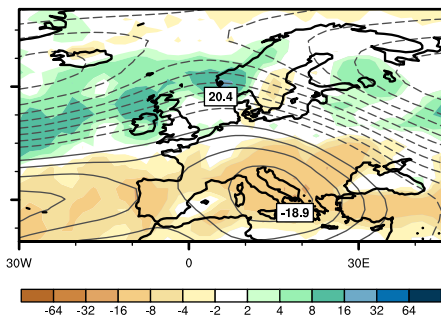
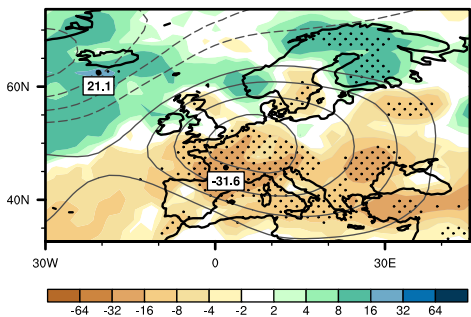
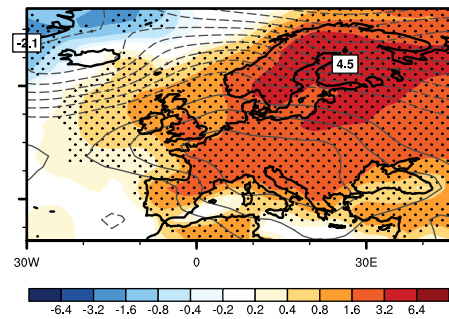
ModE-RA



ModE-Sim

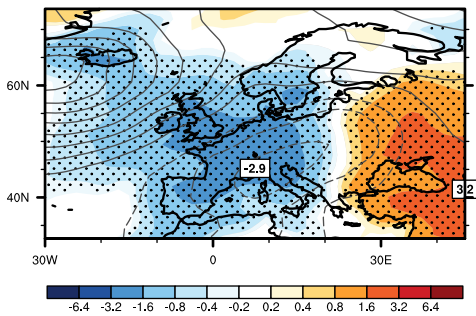


ModE-RAClim

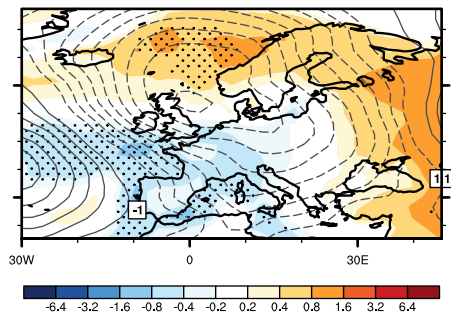


Spring (MAM) 1837

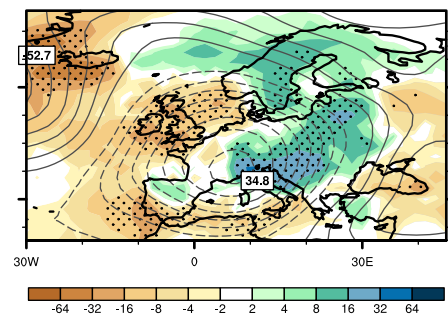
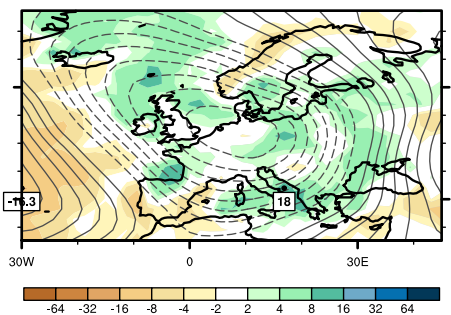
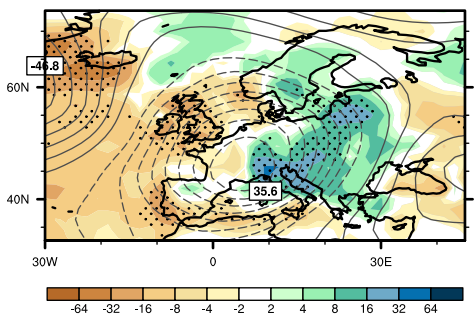
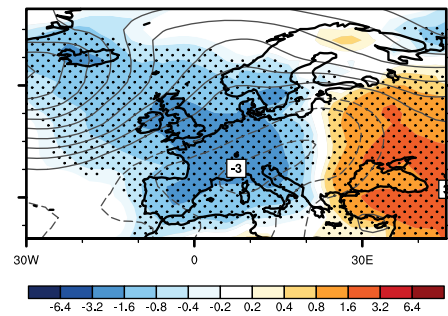
ModE-RA



ModE-Sim

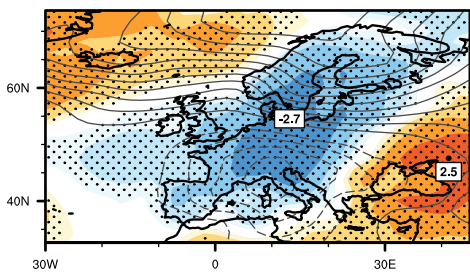


ModE-RAClim

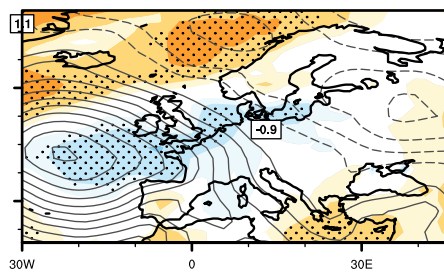


Spring (MAM) 1853

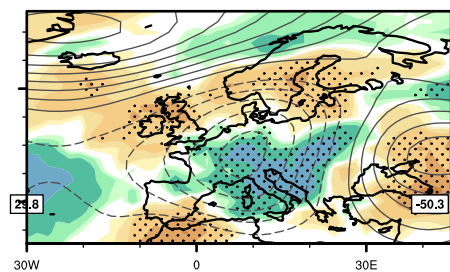
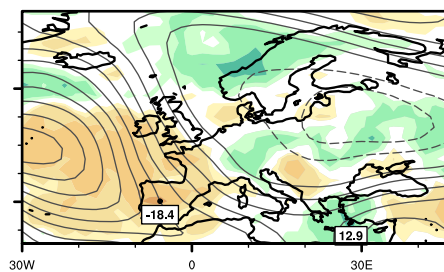
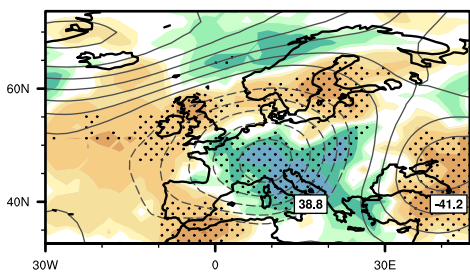
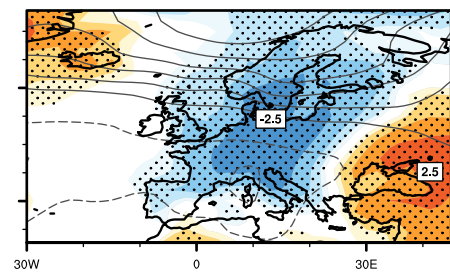
ModE-RA



ModE-Sim

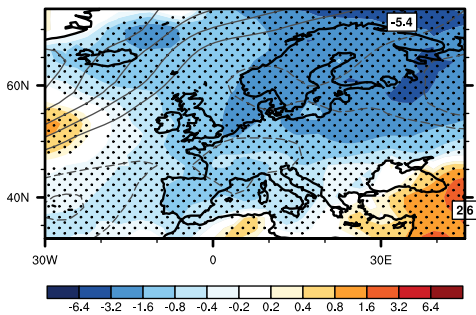


ModE-RAClim

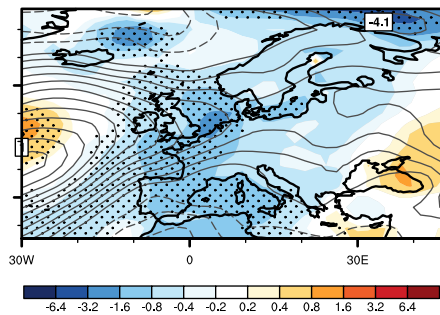


Spring (MAM) 1917

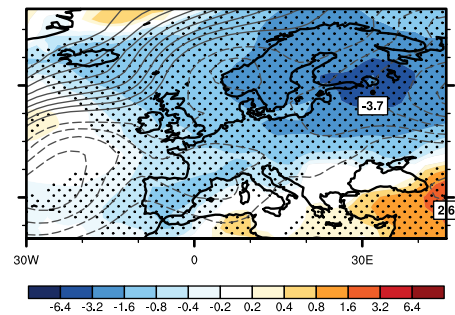
ModE-RA



ModE-Sim

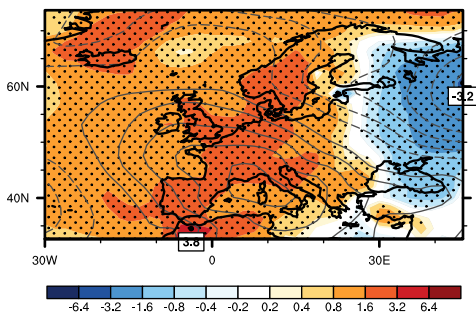


ModE-RAClim

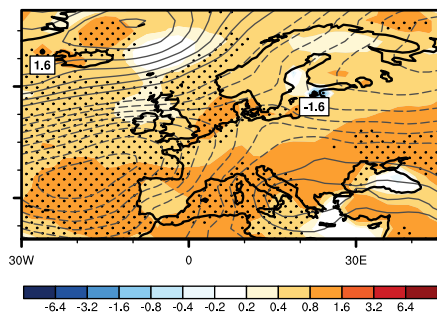


Spring (MAM) 1945

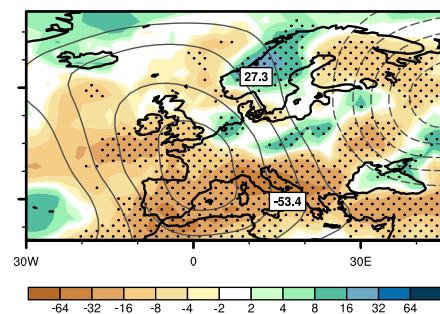
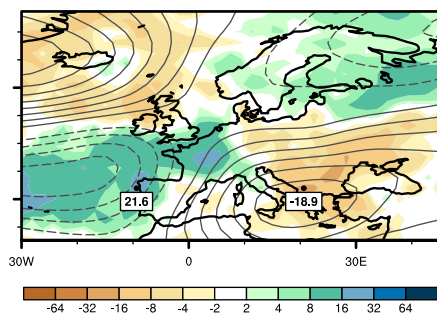
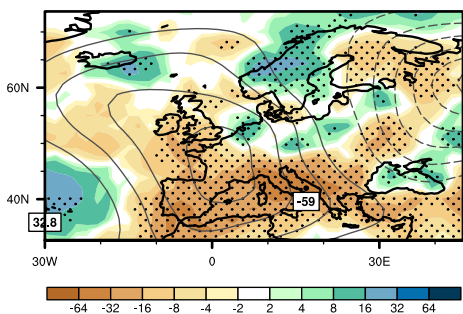
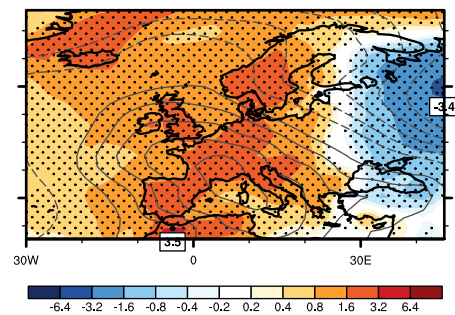
ModE-RA



ModE-Sim

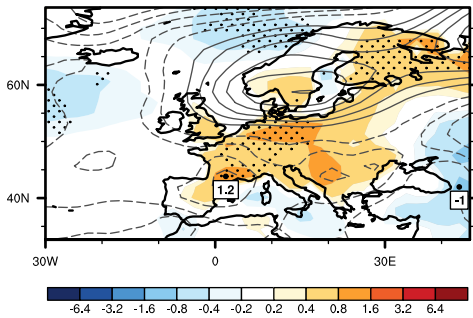


ModE-RAClim

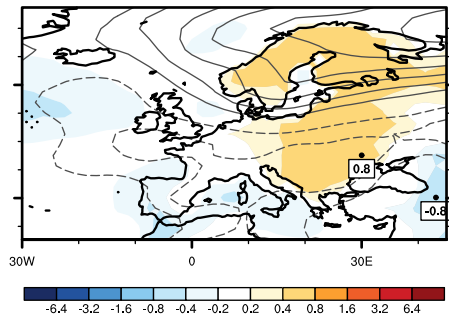


Summer (JJA) 1471

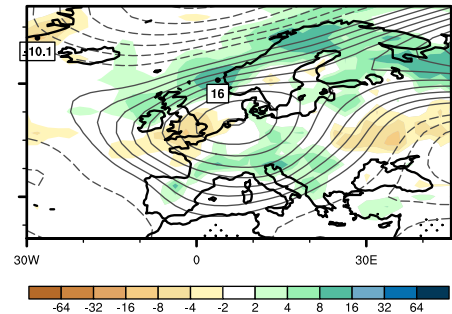
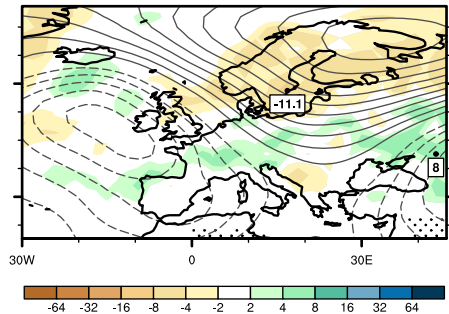
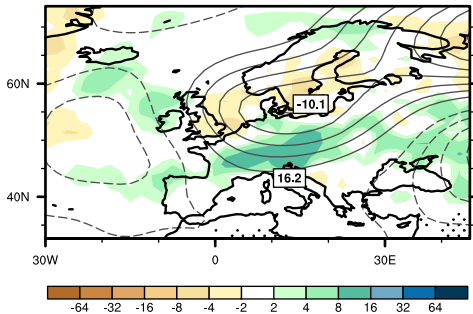
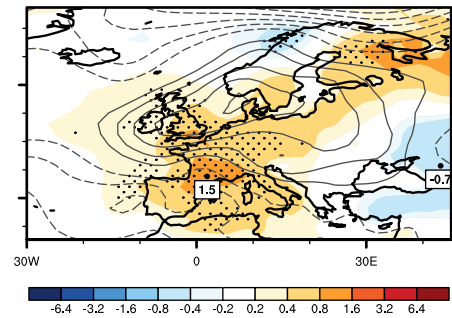
ModE-RA



ModE-Sim

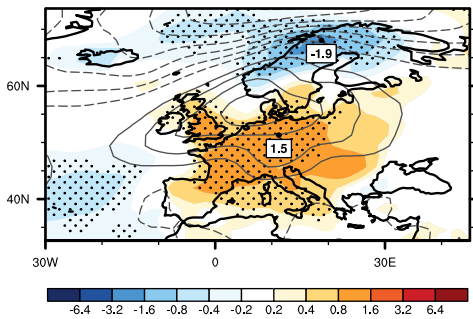


ModE-RAClim

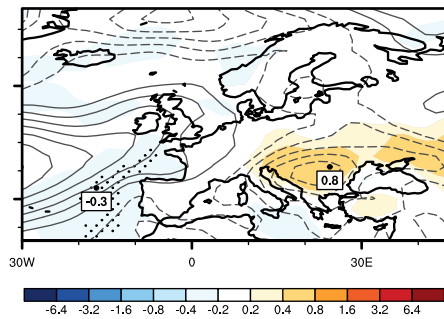


Summer (JJA) 1473

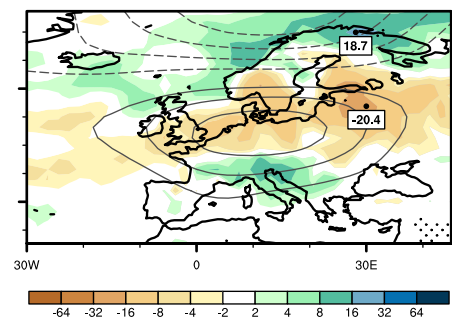
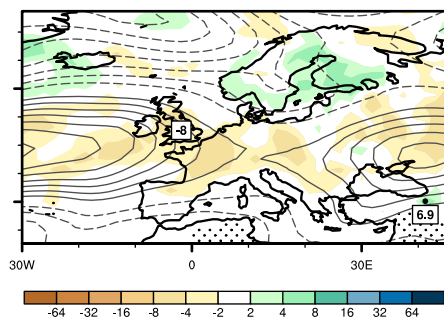
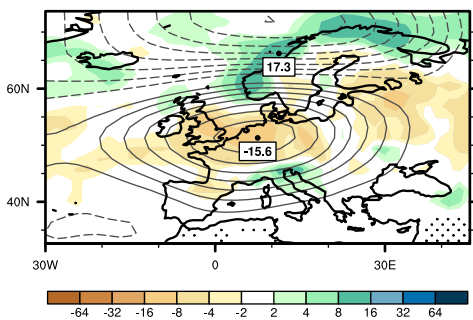
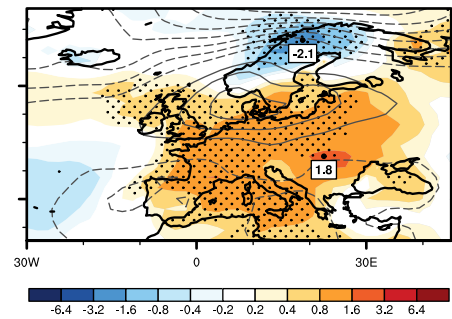
ModE-RA



ModE-Sim

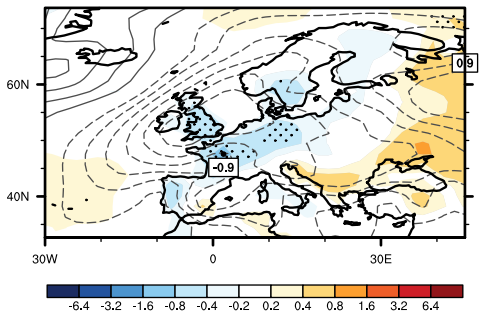


ModE-RAClim

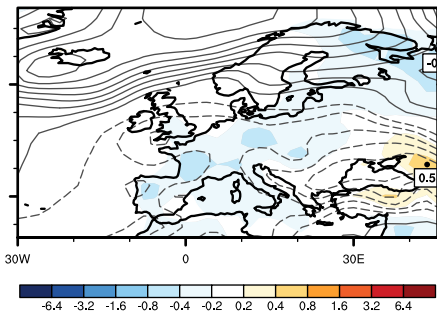


Summer (JJA) 1480

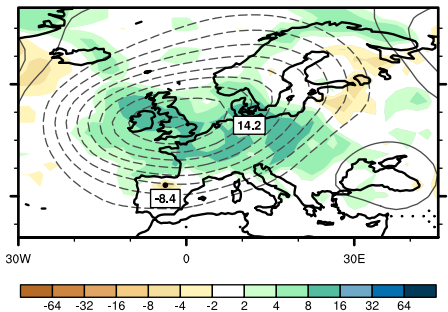
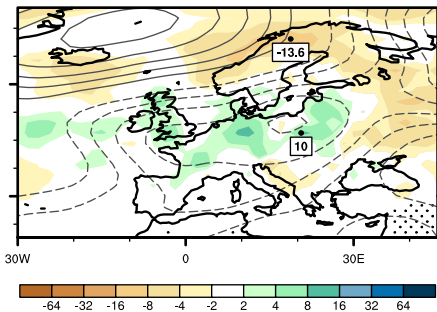
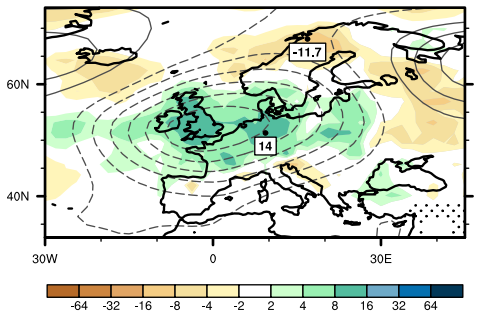
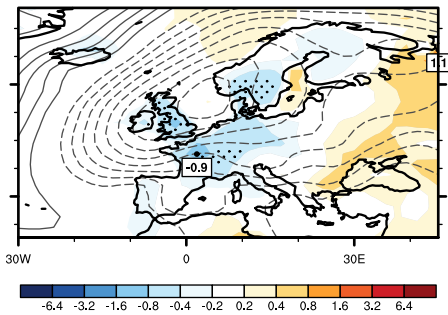
ModE-RA



ModE-Sim

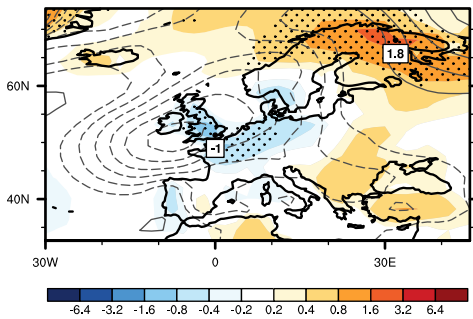


ModE-RAClim

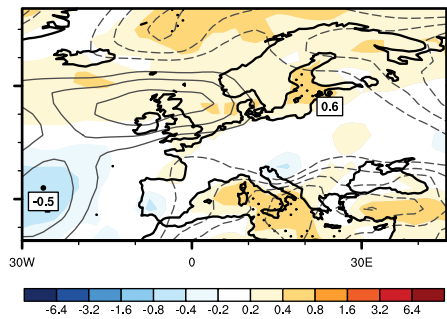


Summer (JJA) 1491

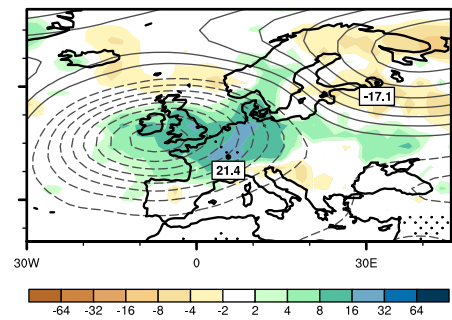
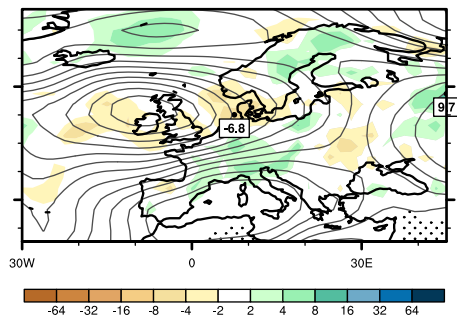
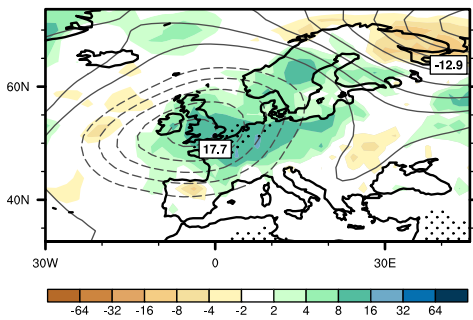
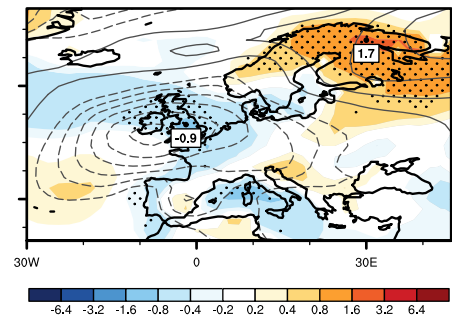
ModE-RA



ModE-Sim

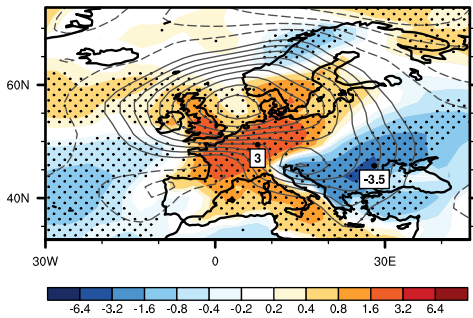


ModE-RAClim

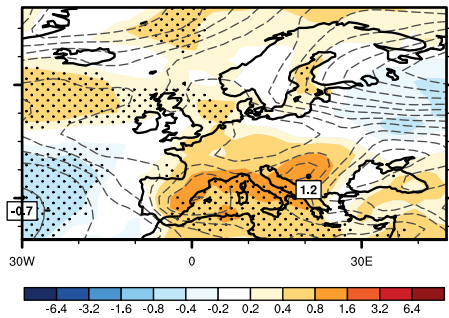


Summer (JJA) 1536

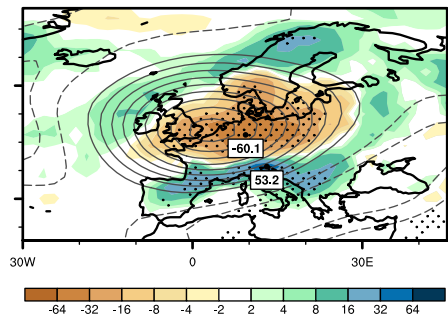
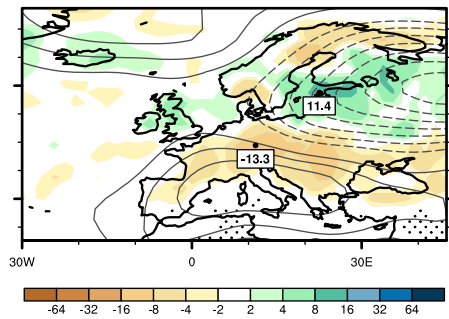
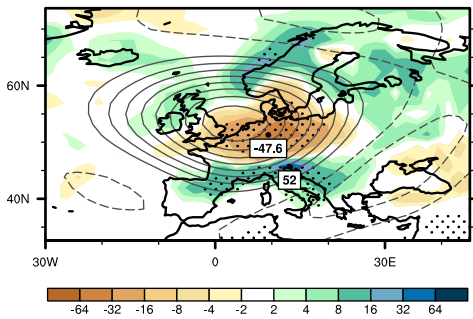
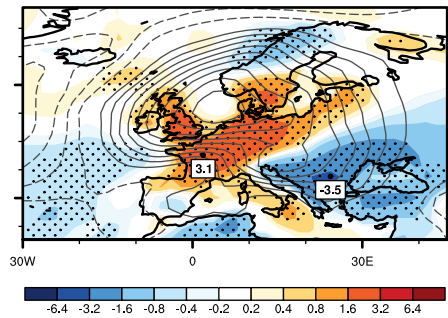
ModE-RA



ModE-Sim

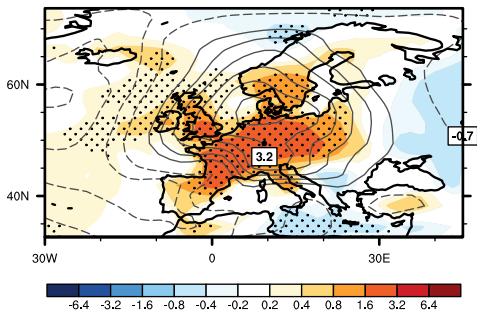


ModE-RAClim

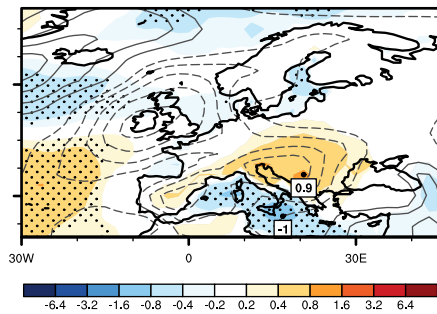


Summer (JJA) 1540

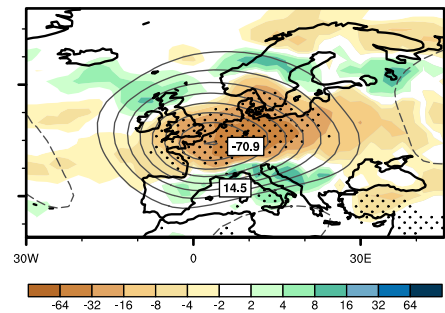
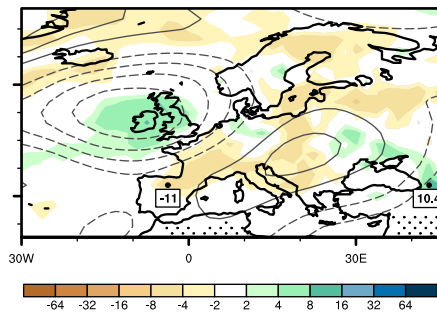
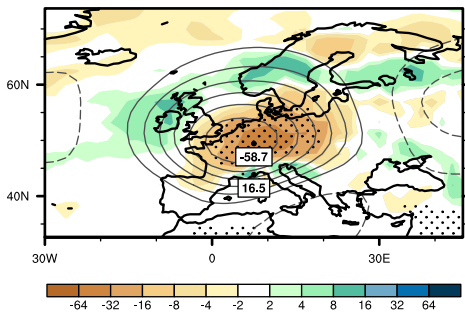
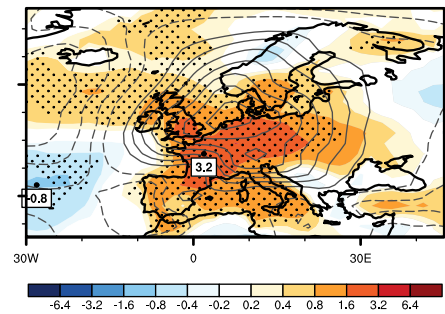
ModE-RA



ModE-Sim

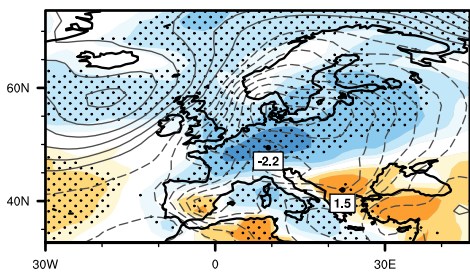


ModE-RAClim

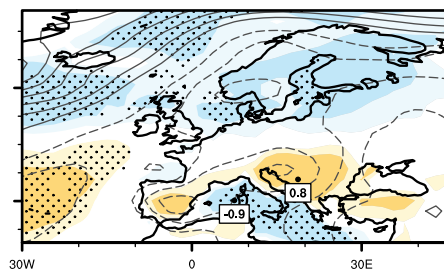


Summer (JJA) 1542

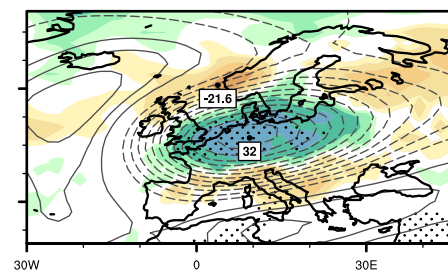
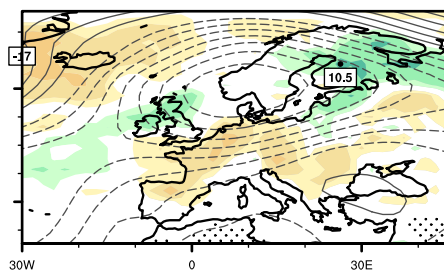
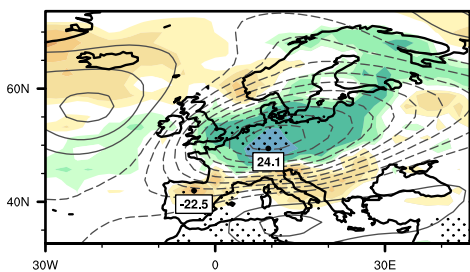
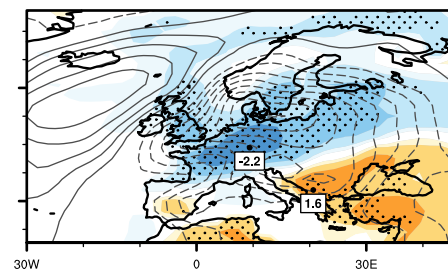
ModE-RA



ModE-Sim

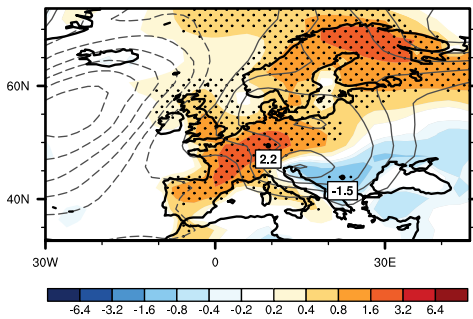


ModE-RAClim

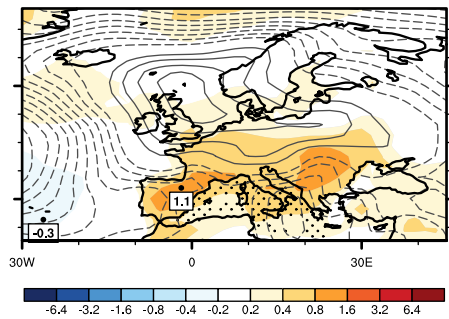


Summer (JJA) 1545

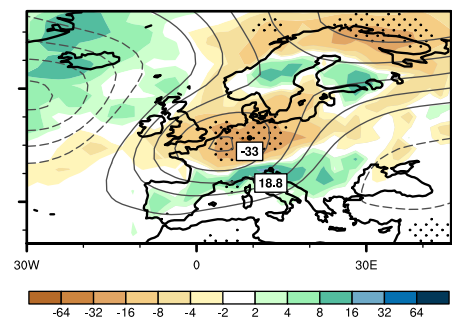
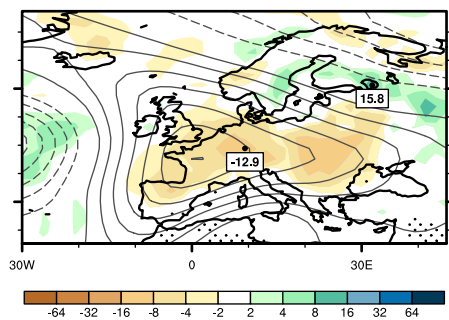
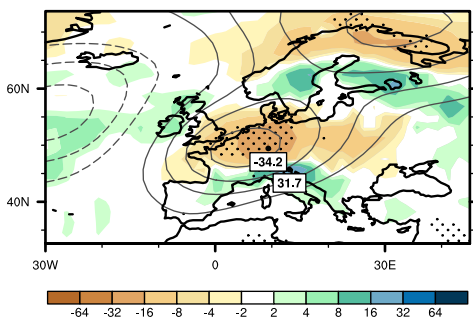
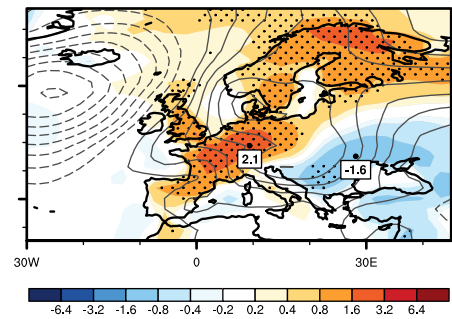
ModE-RA



ModE-Sim

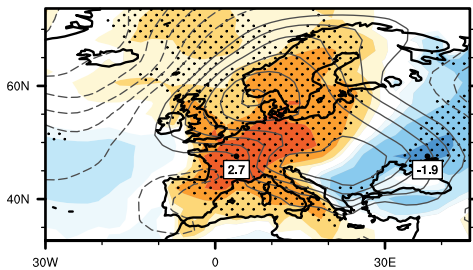


ModE-RAClim

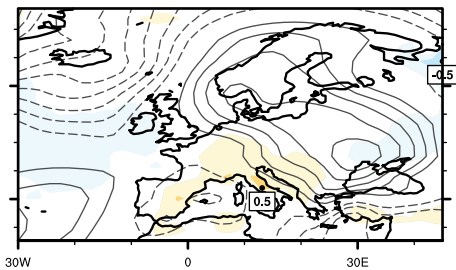


Summer (JJA) 1556

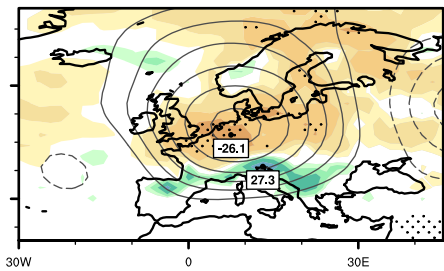
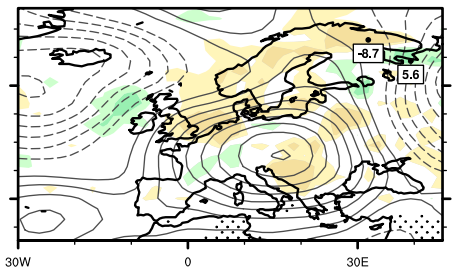
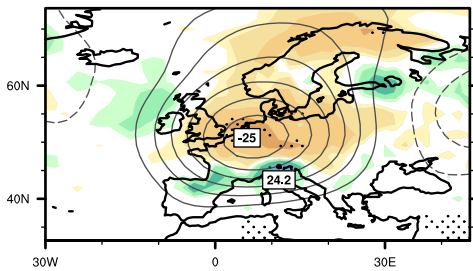
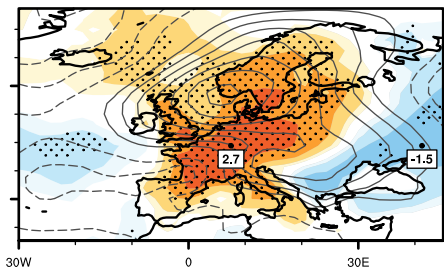
ModE-RA



ModE-Sim

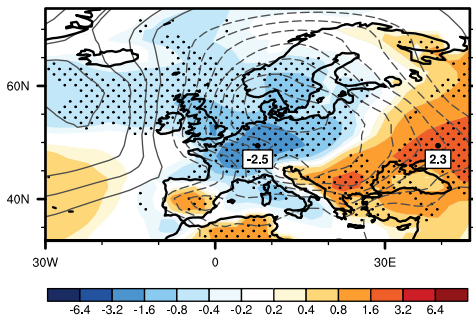


ModE-RAClim

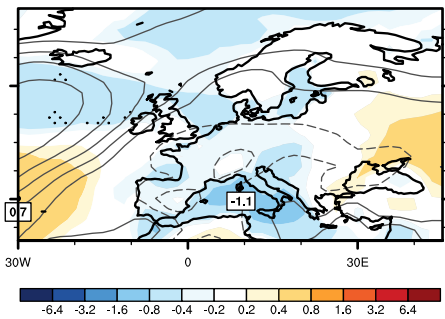


Summer (JJA) 1579

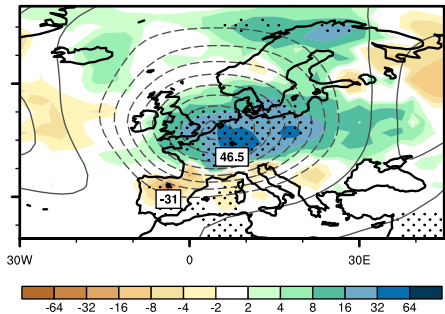
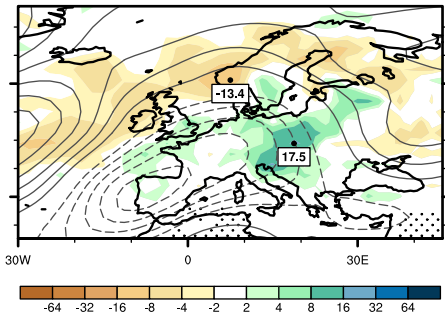
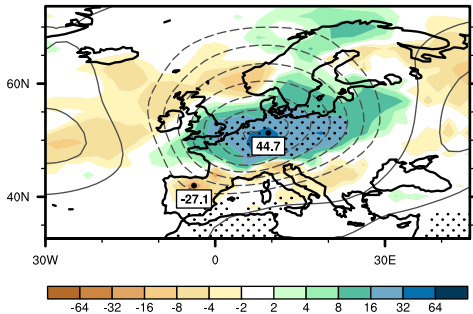
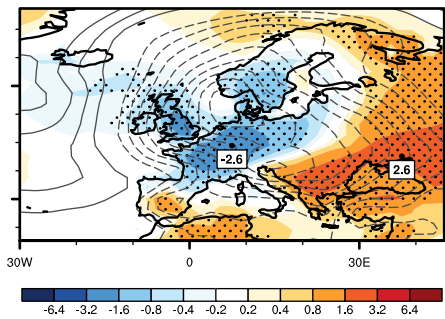
ModE-RA



ModE-Sim

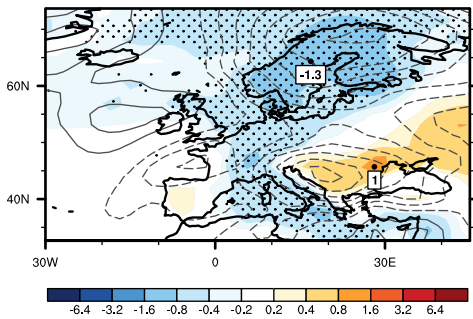


ModE-RAClim

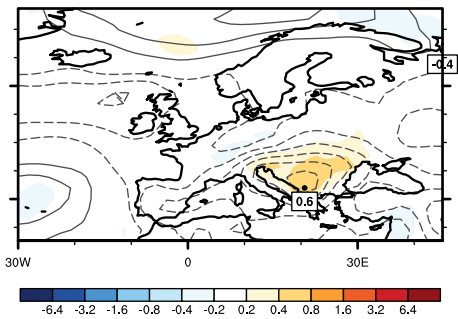


Summer (JJA) 1587

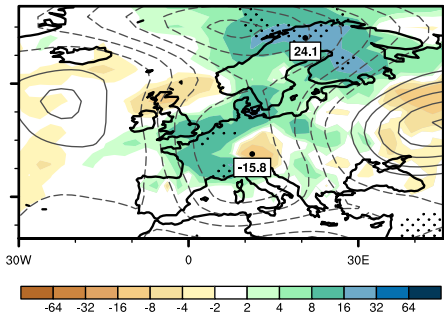
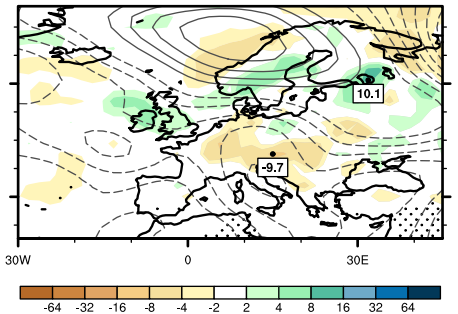
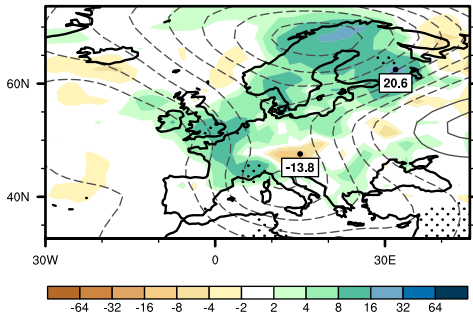
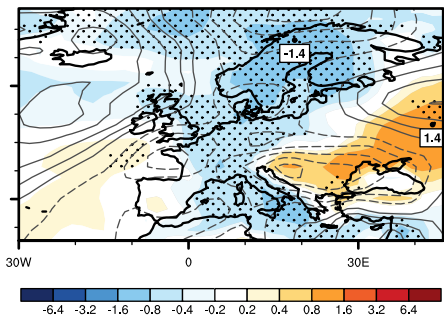
ModE-RA



ModE-Sim

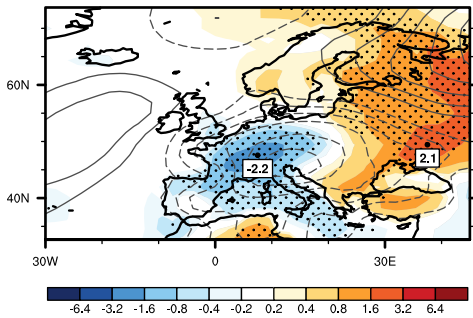


ModE-RAClim

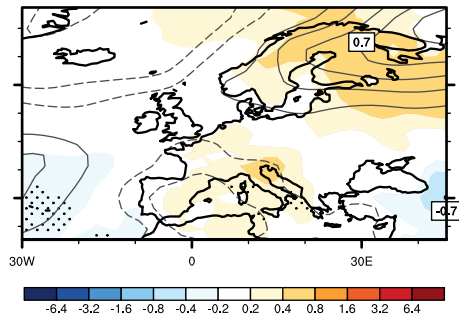


Summer (JJA) 1588

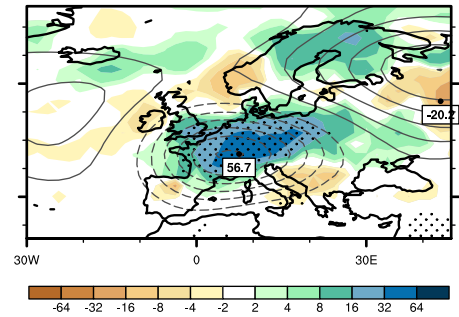
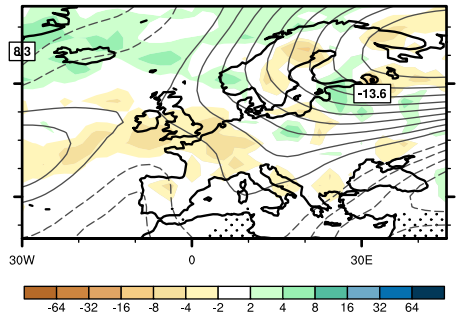
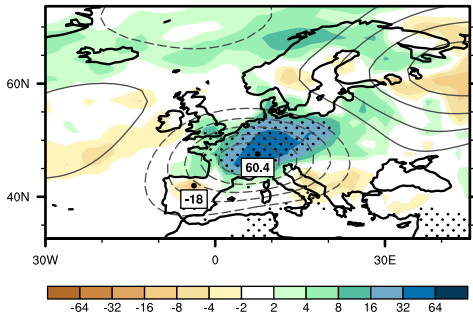
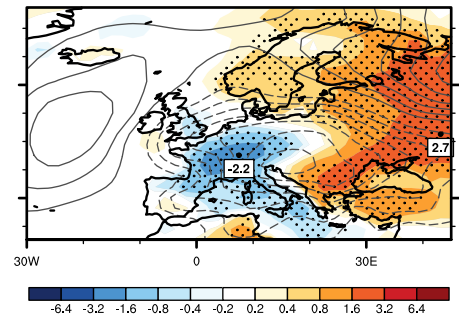
ModE-RA



ModE-Sim

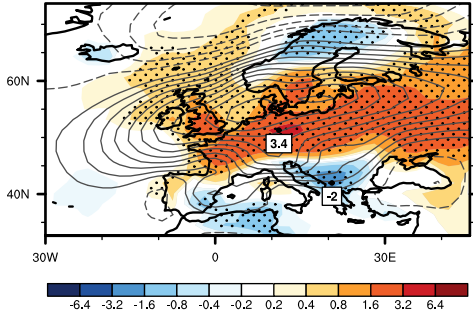


ModE-RAClim

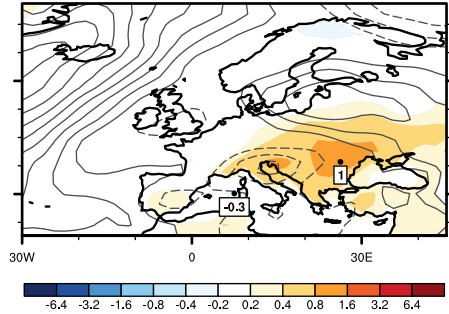


Summer (JJA) 1590

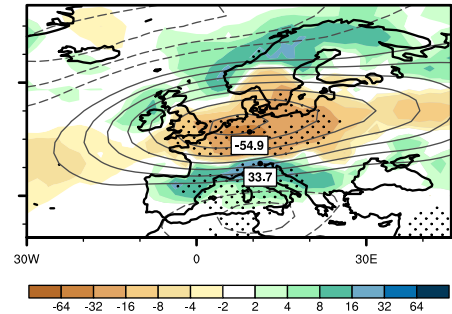
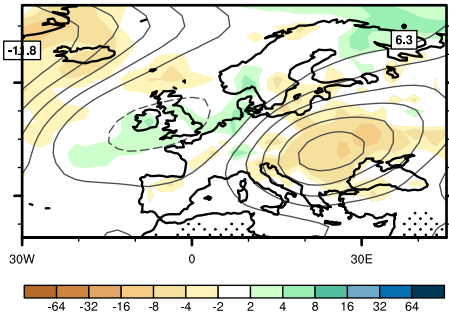
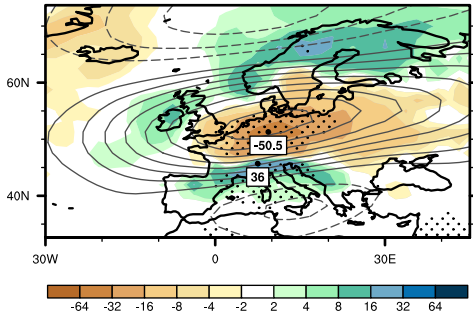
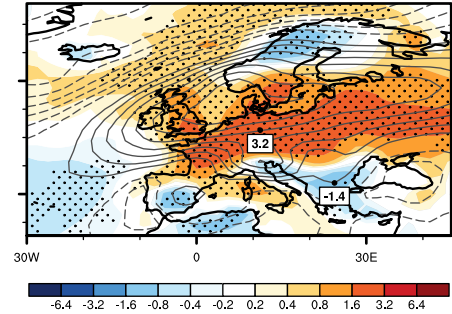
ModE-RA



ModE-Sim

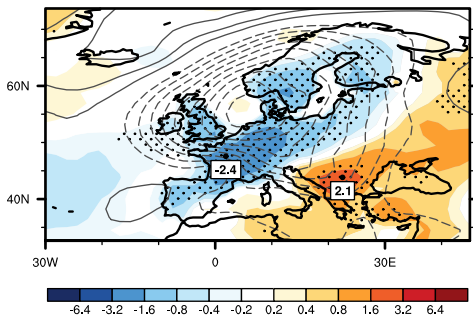


ModE-RAClim

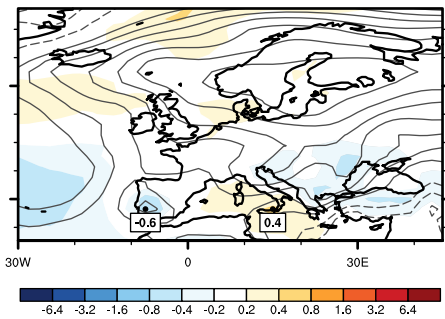


Summer (JJA) 1596

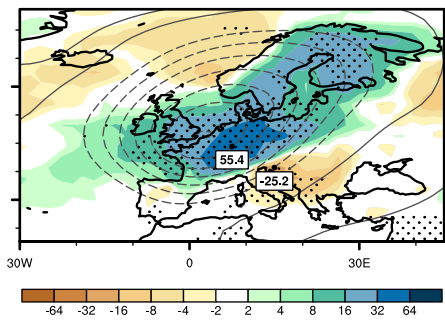
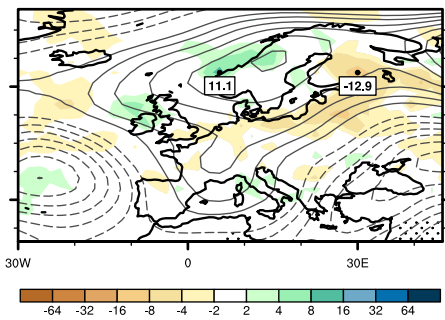
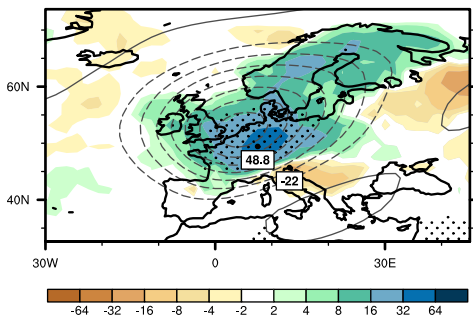
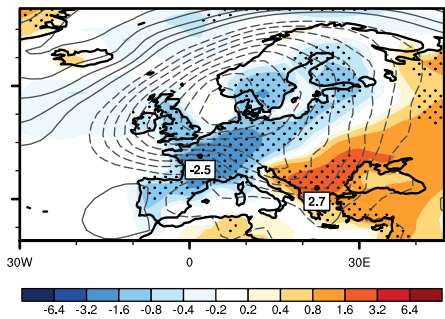
ModE-RA



ModE-Sim

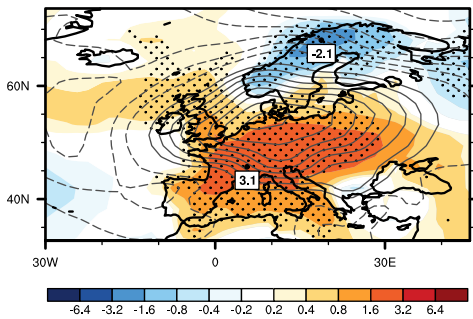


ModE-RAClim

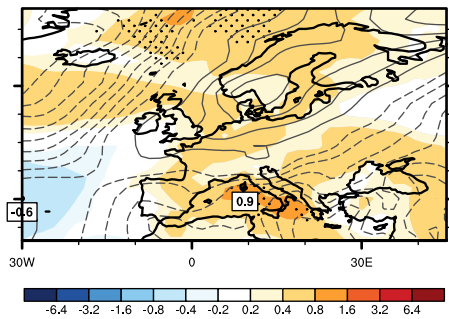


Summer (JJA) 1616

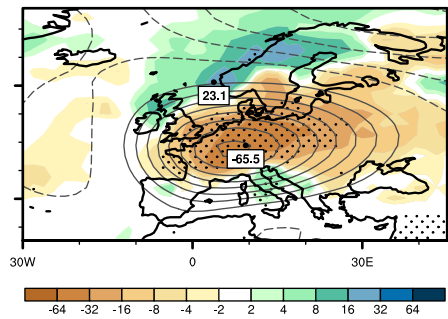
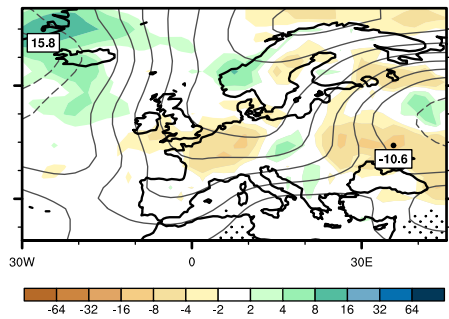
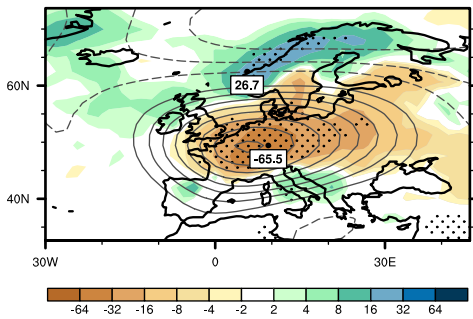
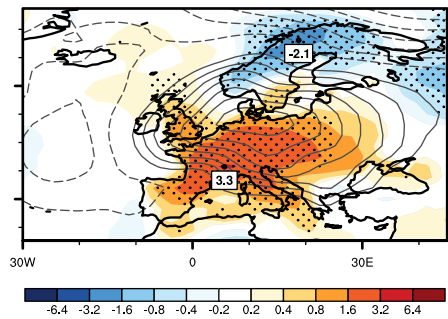
ModE-RA



ModE-Sim

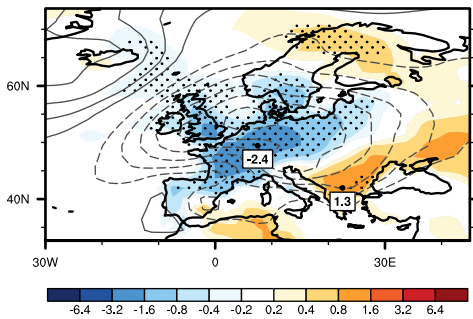


ModE-RAClim

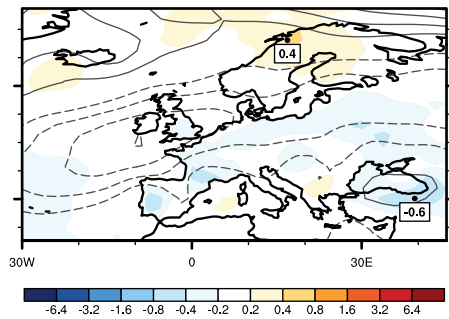


Summer (JJA) 1621

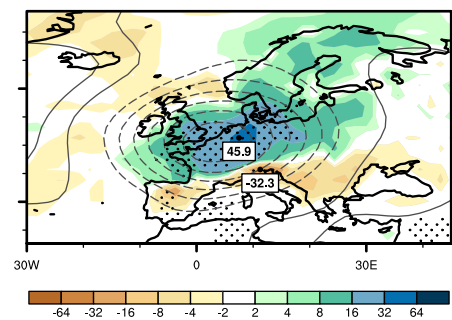
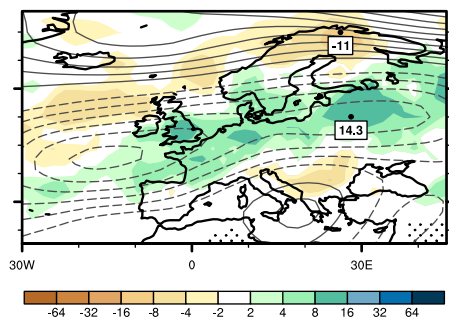
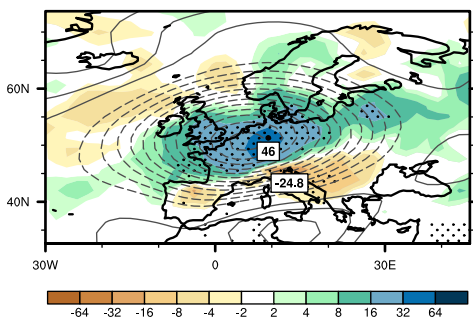
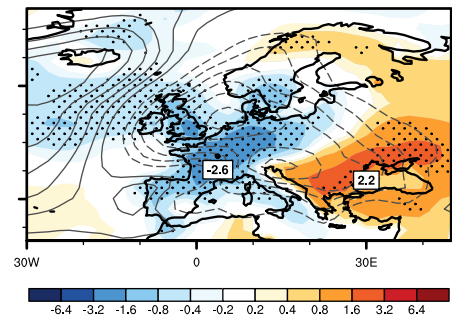
ModE-RA



ModE-Sim

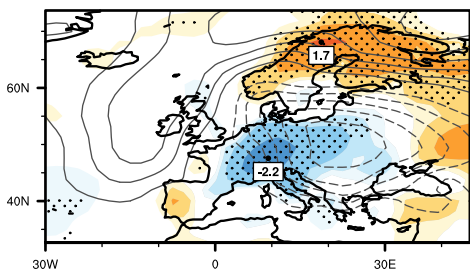


ModE-RAClim

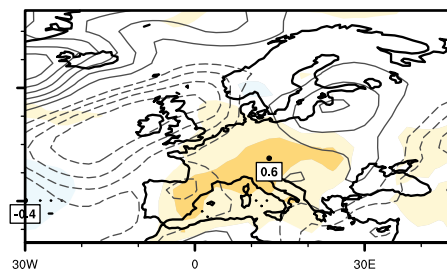


Summer (JJA) 1628

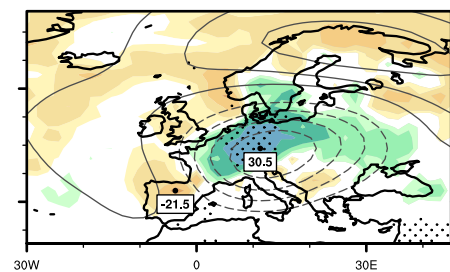
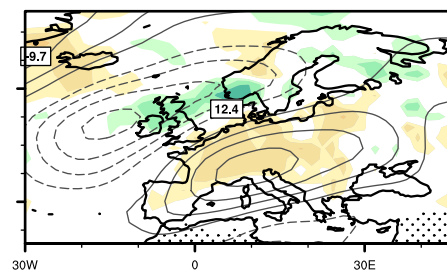
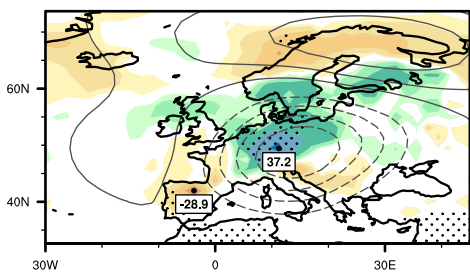
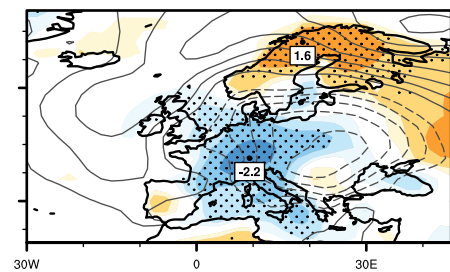
ModE-RA



ModE-Sim

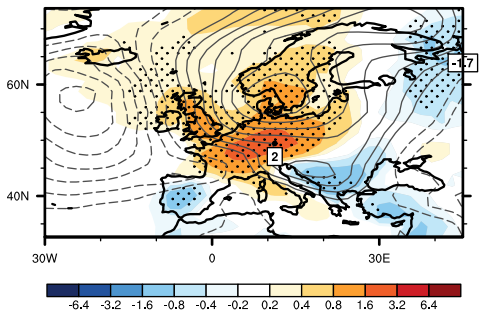


ModE-RAClim

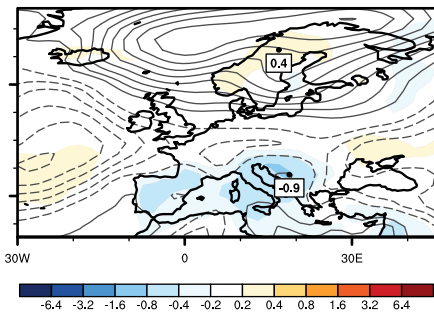


Summer (JJA) 1666

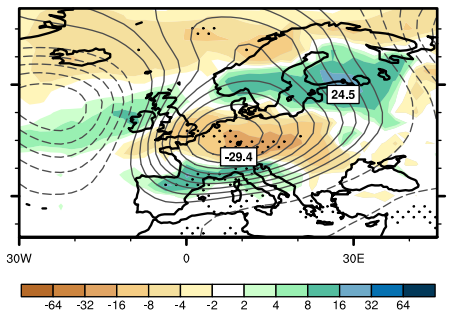
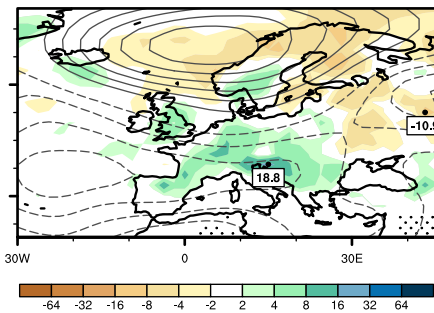
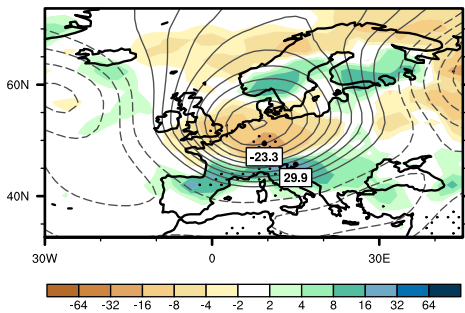
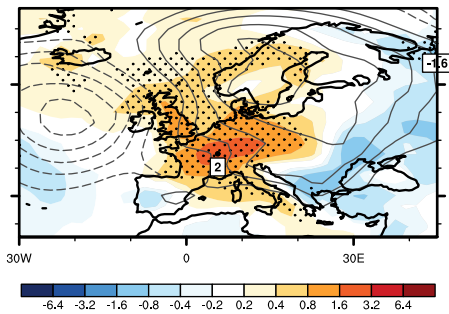
ModE-RA



ModE-Sim

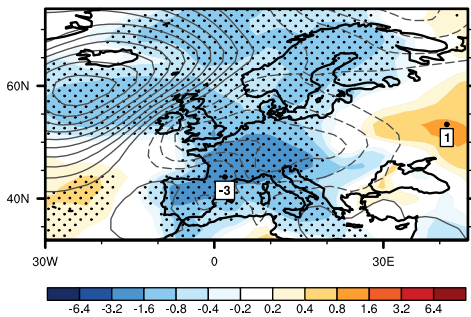


ModE-RAClim

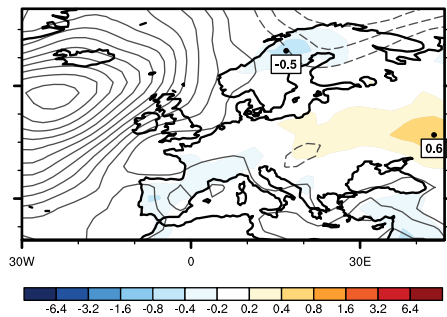


Summer (JJA) 1675

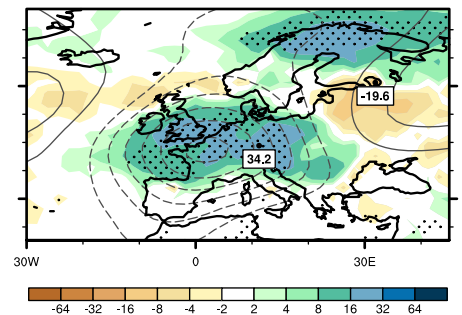
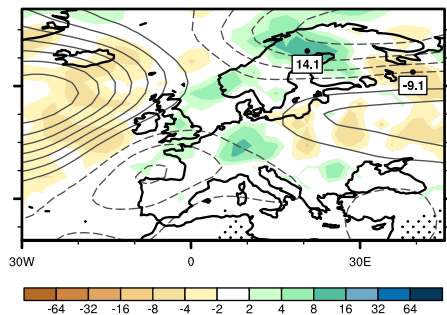
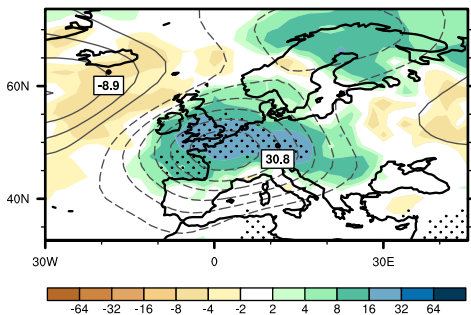
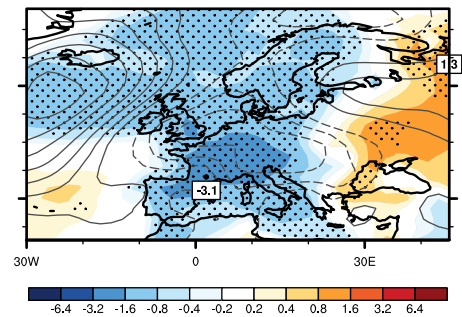
ModE-RA



ModE-Sim

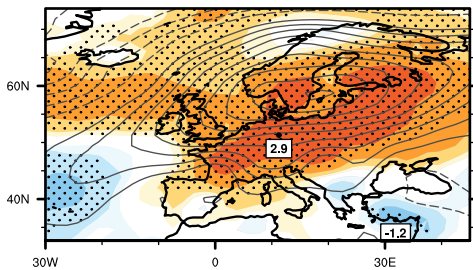


ModE-RAClim

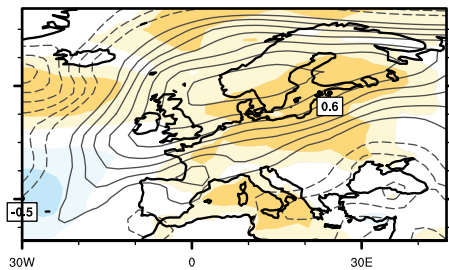


Summer (JJA) 1684

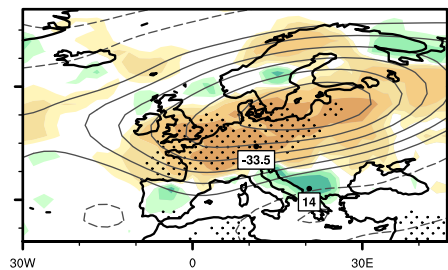
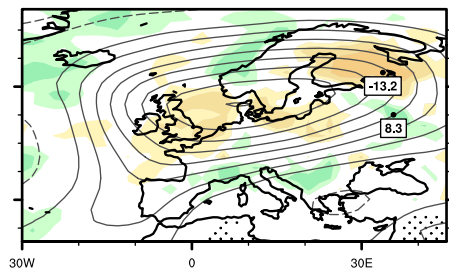
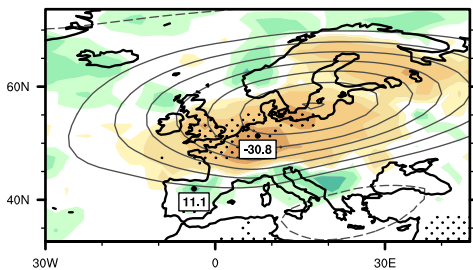
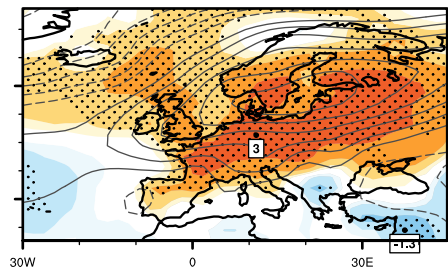
ModE-RA



ModE-Sim

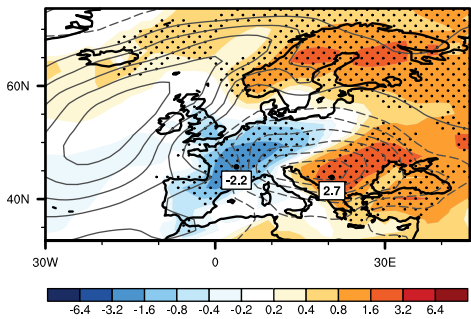


ModE-RAClim

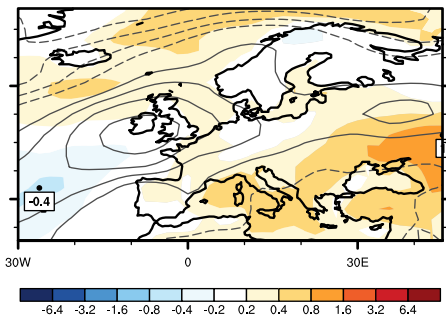


Summer (JJA) 1692

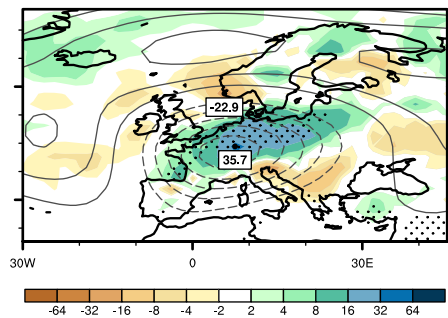
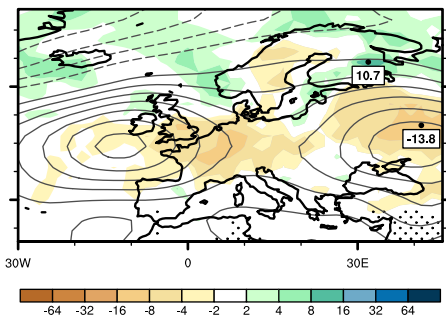
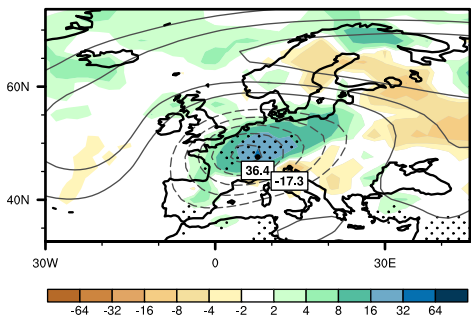
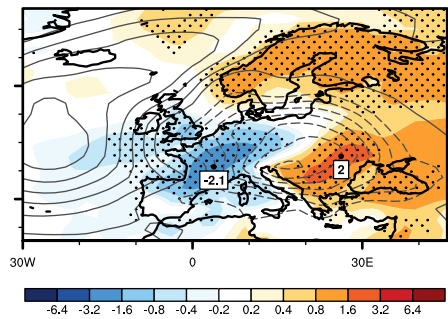
ModE-RA



ModE-Sim

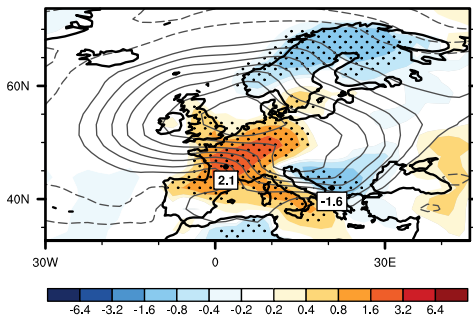


ModE-RAClim

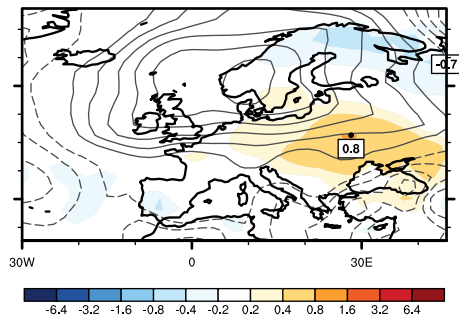


Summer (JJA) 1706

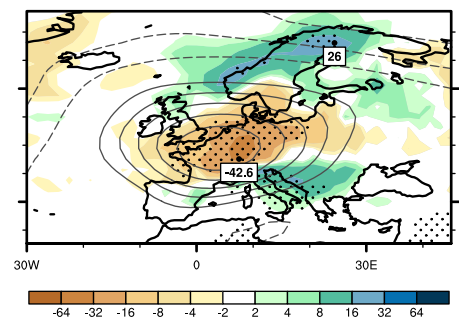
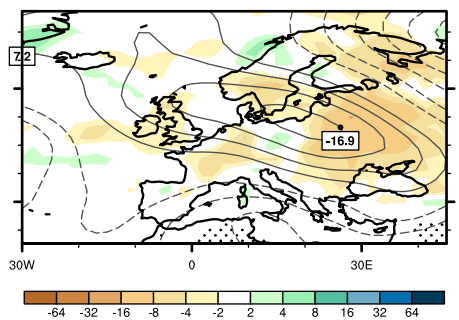
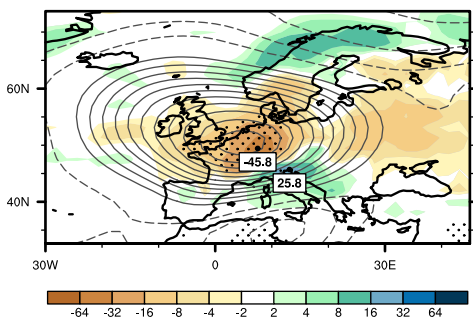
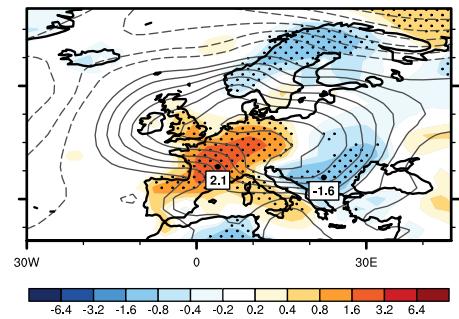
ModE-RA



ModE-Sim

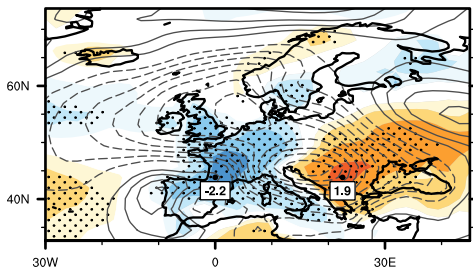


ModE-RAClim

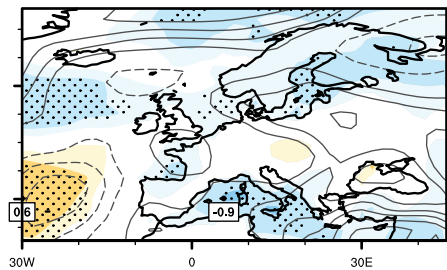


Summer (JJA) 1713

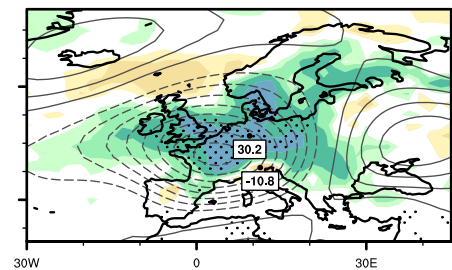
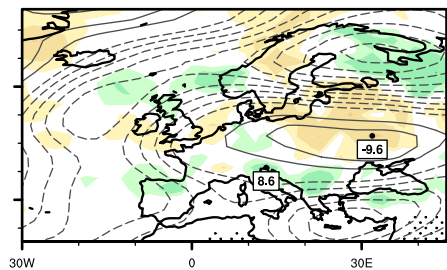
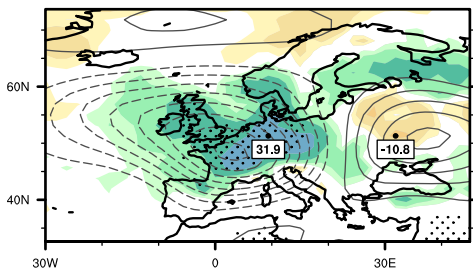
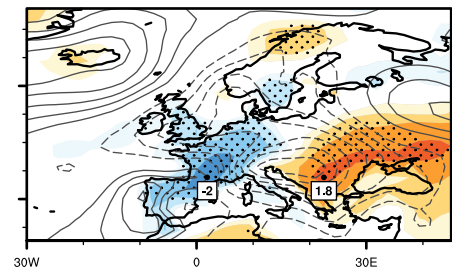
ModE-RA



ModE-Sim

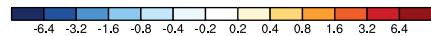
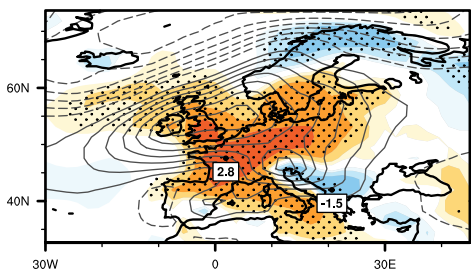


ModE-RAClim

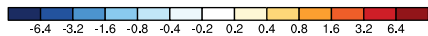
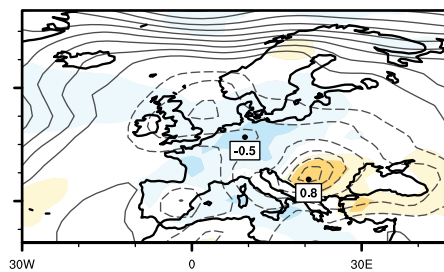


Summer (JJA) 1719

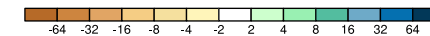
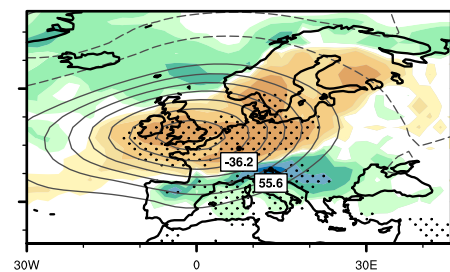
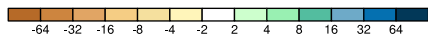
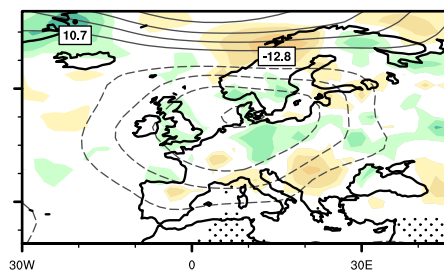
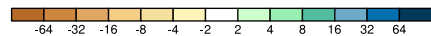
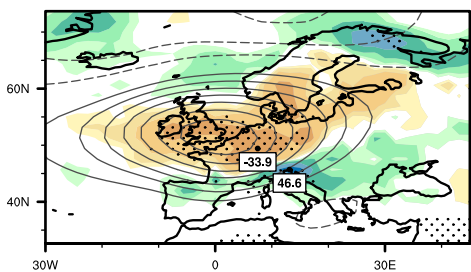
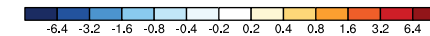
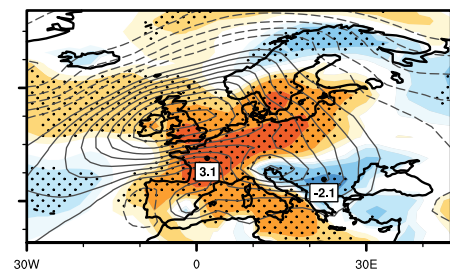
ModE-RA



ModE-Sim

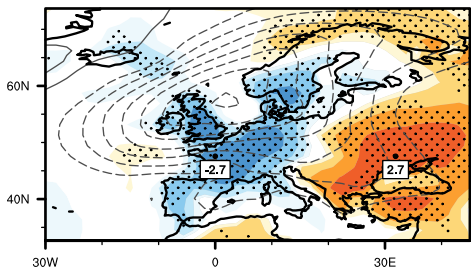


ModE-RAClim

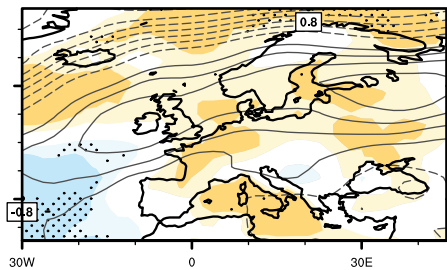


Summer (JJA) 1725

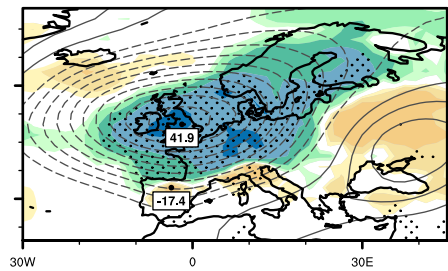
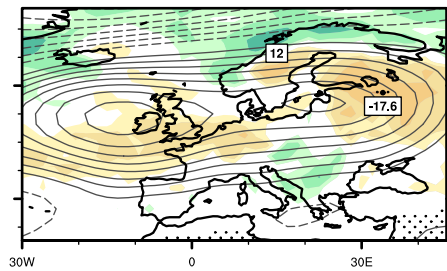
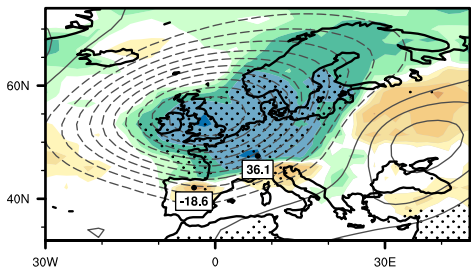
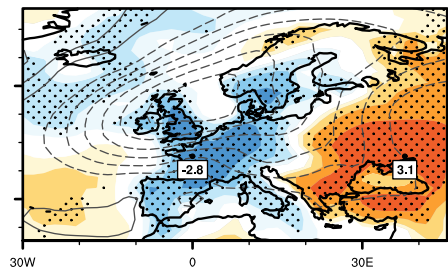
ModE-RA



ModE-Sim

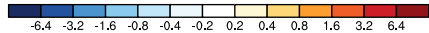
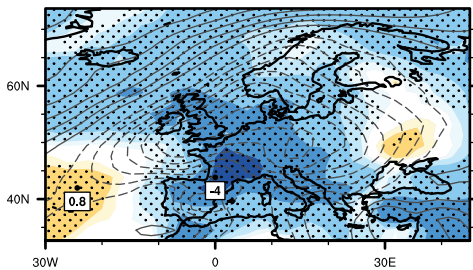


ModE-RAClim

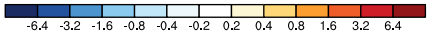
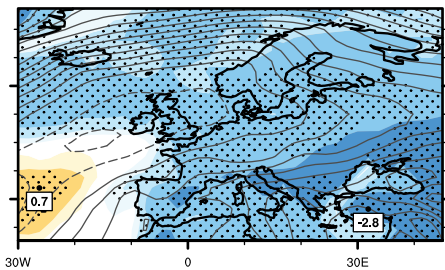


Summer (JJA) 1816

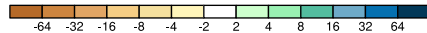
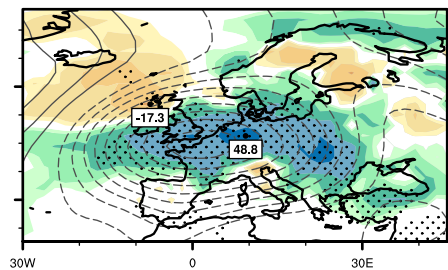
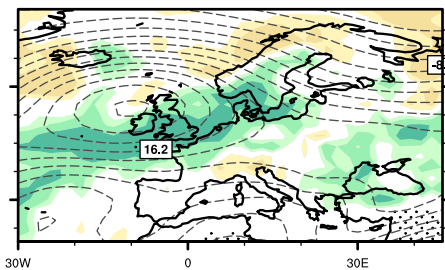
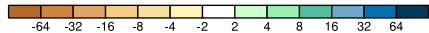
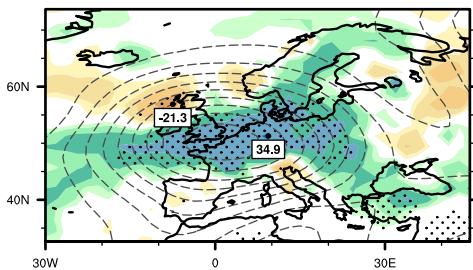
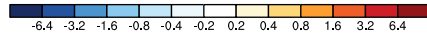
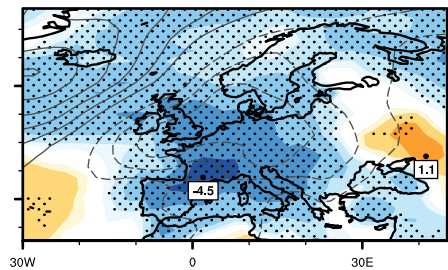
ModE-RA



ModE-Sim

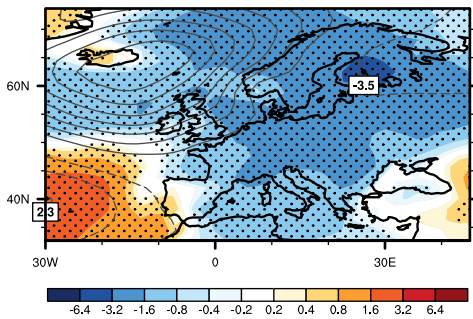


ModE-RAClim

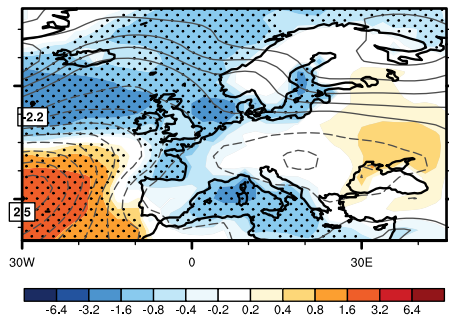


Summer (JJA) 1821

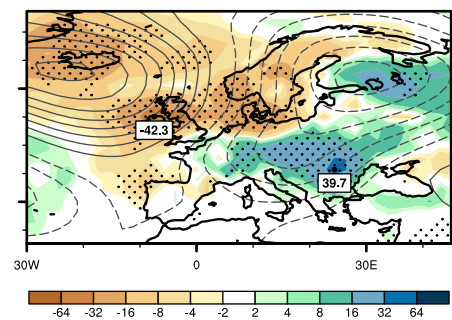
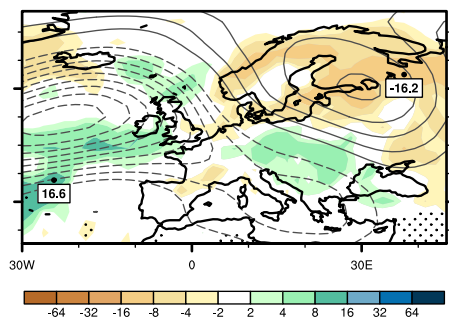
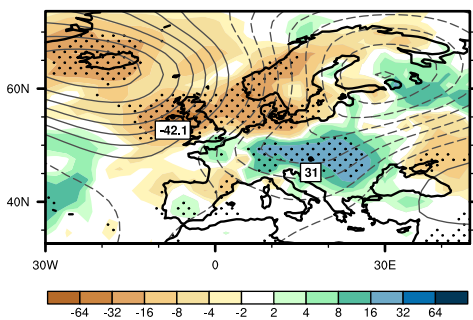
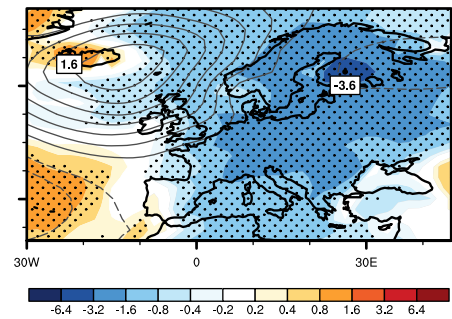
ModE-RA



ModE-Sim

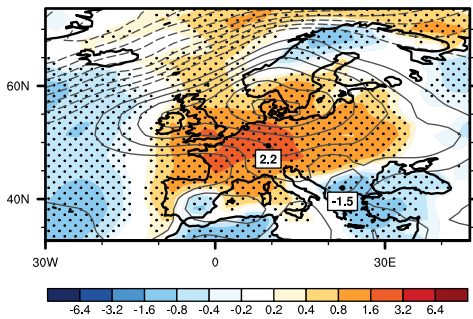


ModE-RAClim

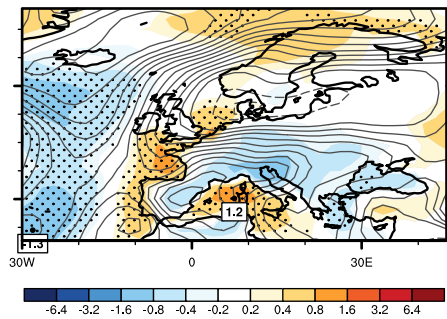


Summer (JJA) 1859

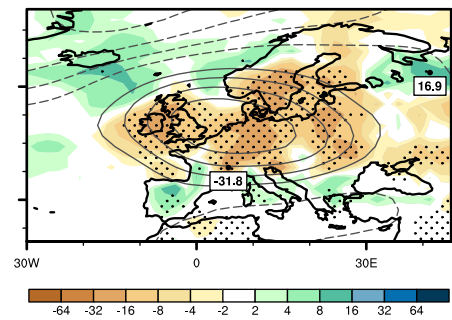
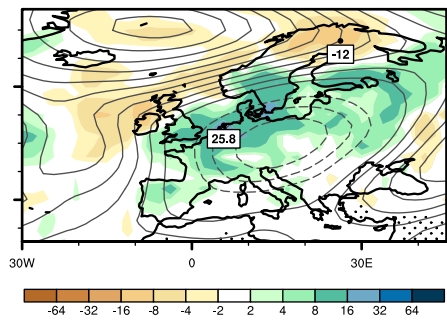
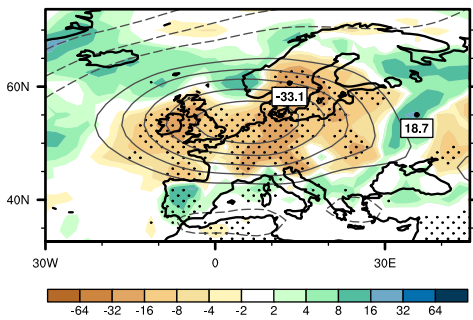
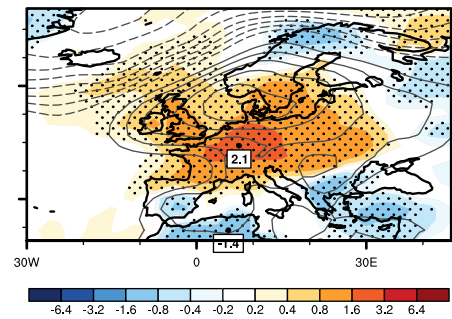
ModE-RA



ModE-Sim

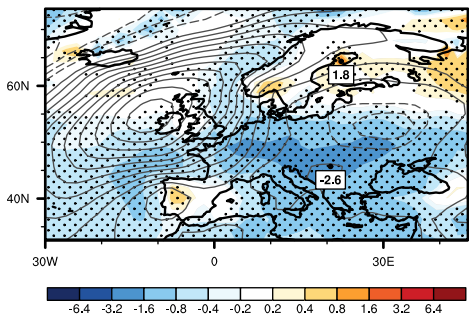


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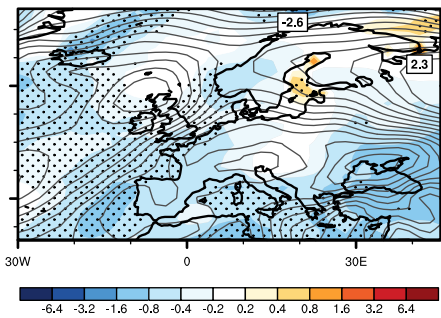


Summer (JJA) 1913

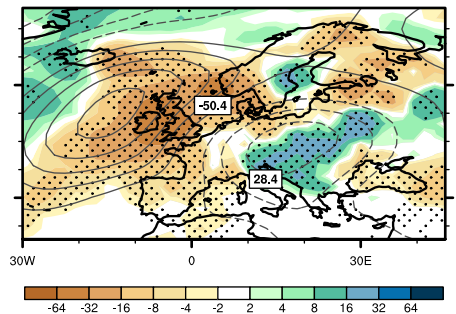
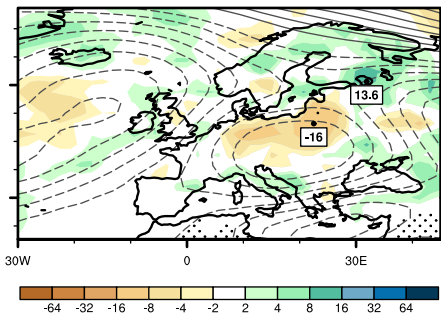
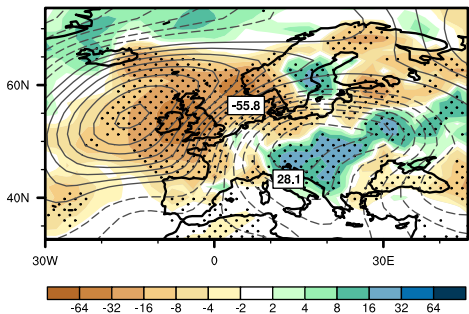
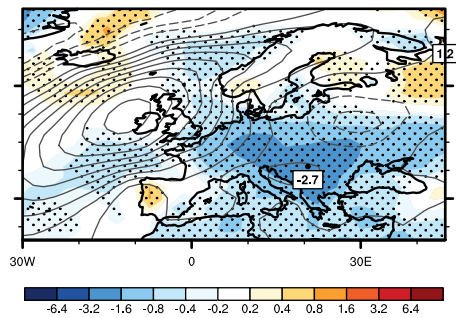
ModE-RA



ModE-Sim

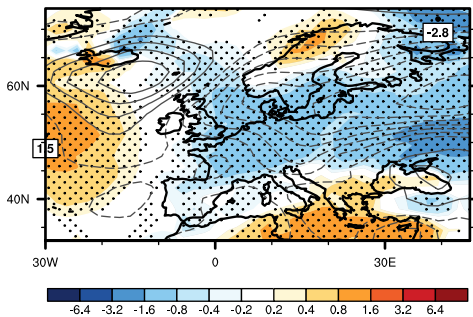


ModE-RAClim

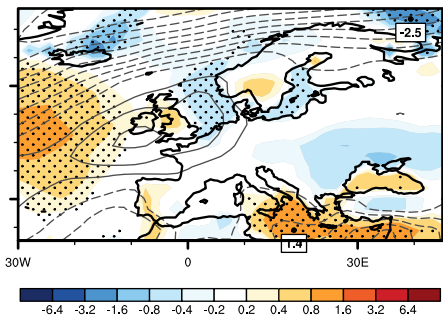


Summer (JJA) 1916

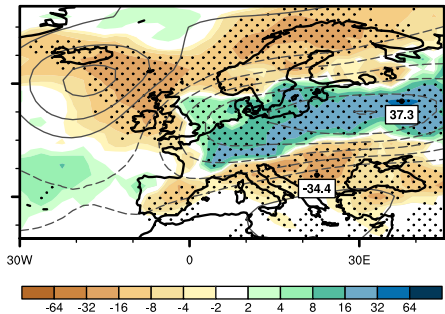
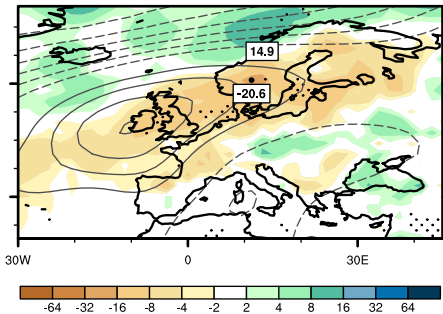
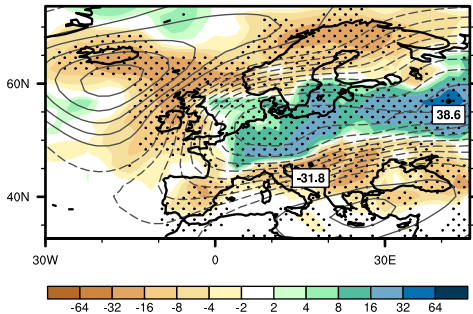
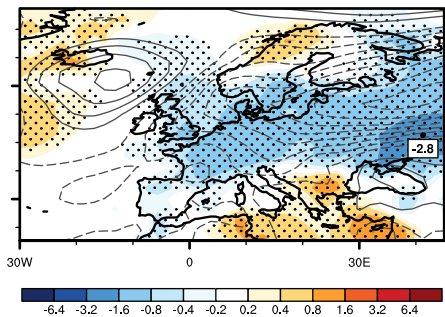
ModE-RA



ModE-Sim

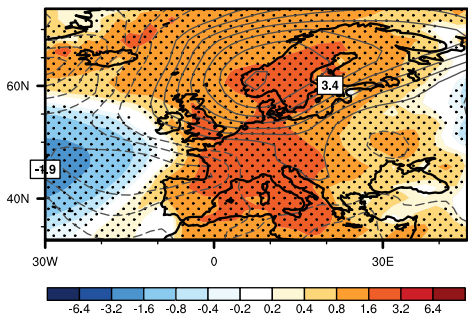


ModE-RAClim

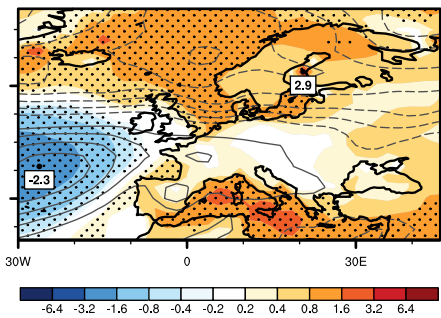


Summer (JJA) 1947

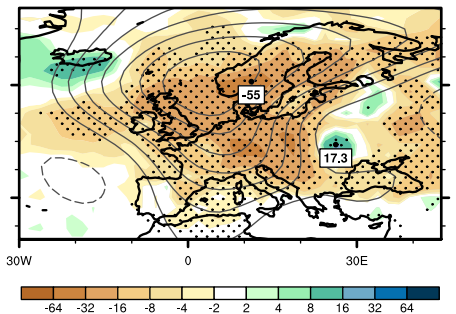
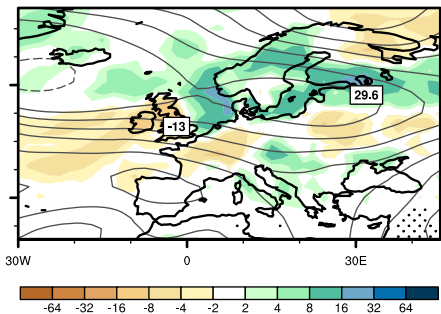
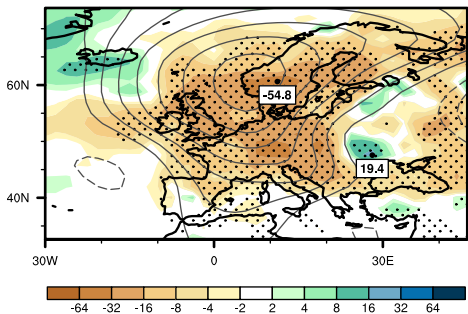
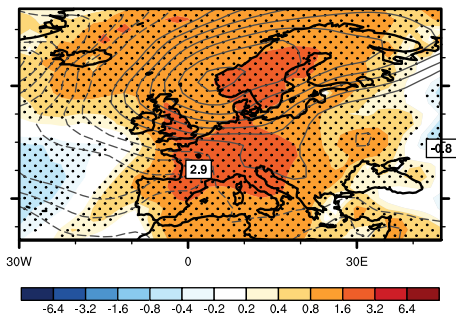
ModE-RA



ModE-Sim

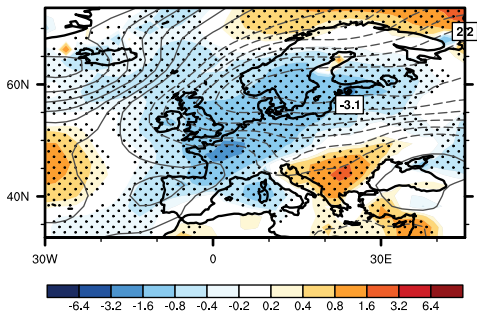


ModE-RAClim

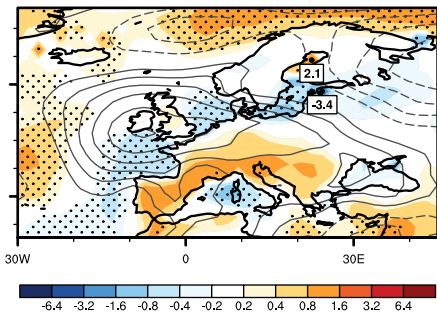


Summer (JJA) 1956

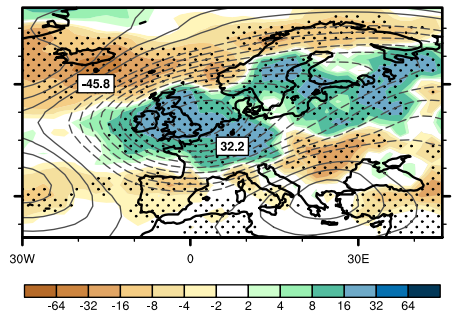
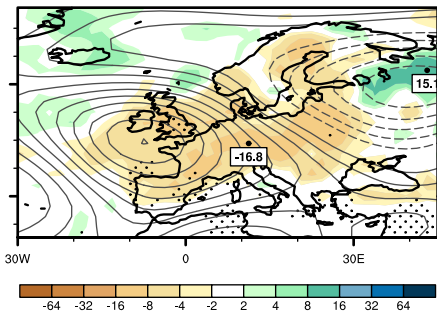
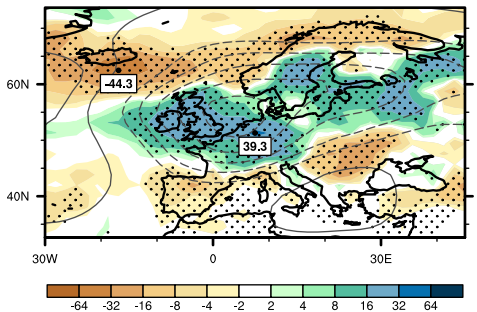
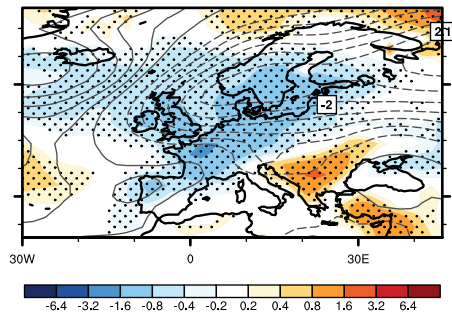
ModE-RA



ModE-Sim

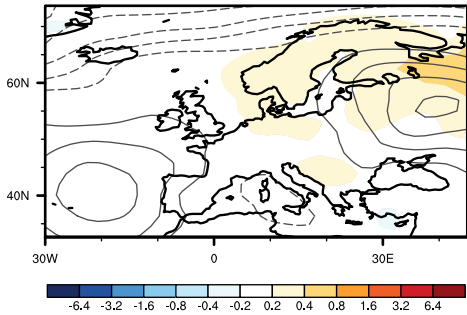


ModE-RAClim

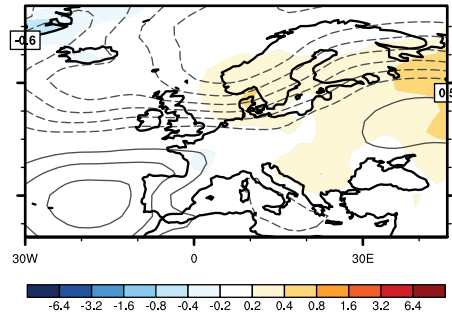


Autumn (SON) 1444

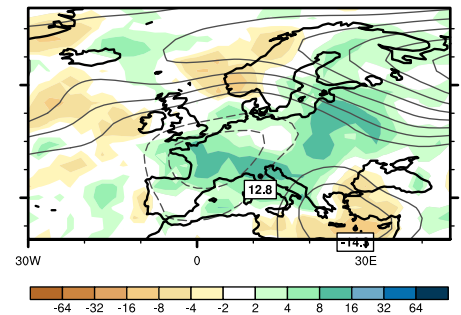
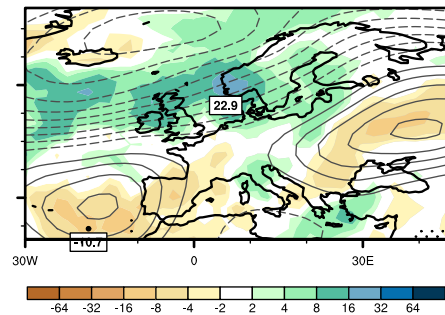
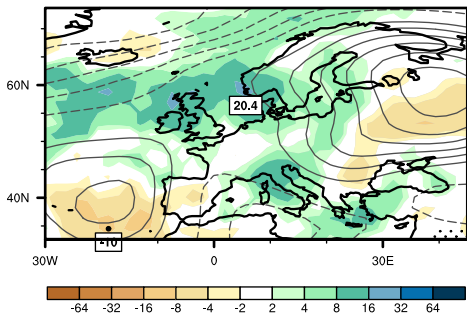
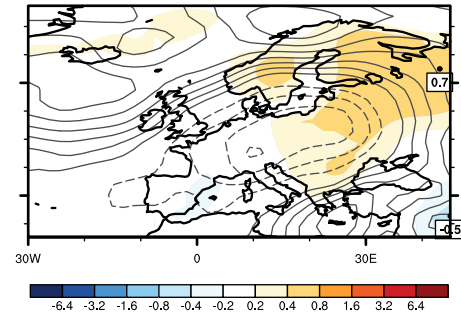
ModE-RA



ModE-Sim

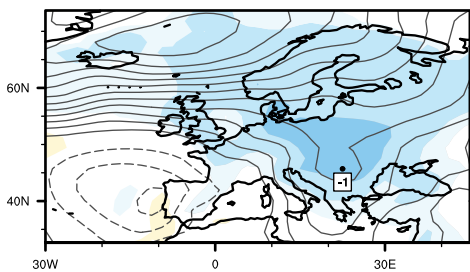


ModE-RAClim

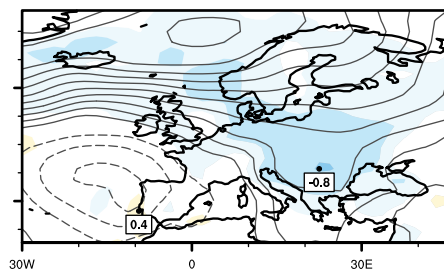


Autumn (SON) 1447

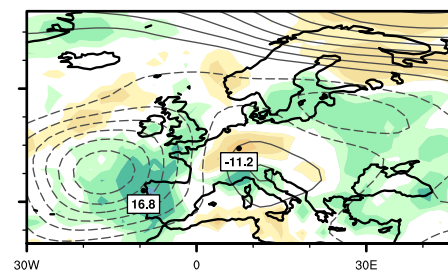
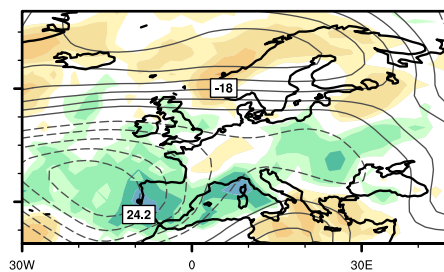
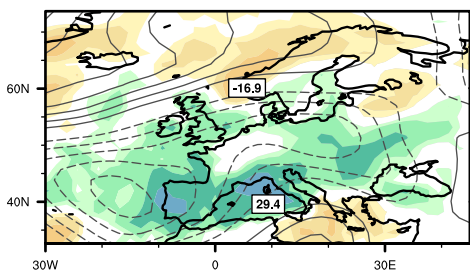
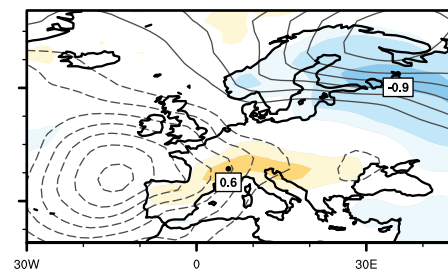
ModE-RA



ModE-Sim

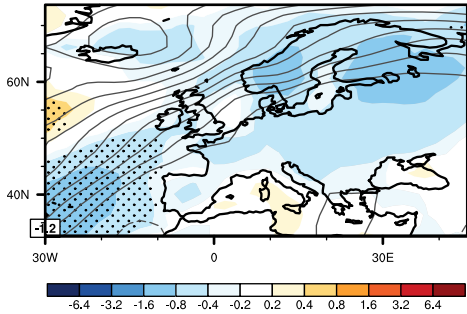


ModE-RAClim

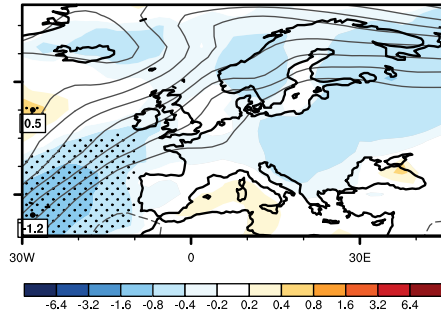


Autumn (SON) 1455

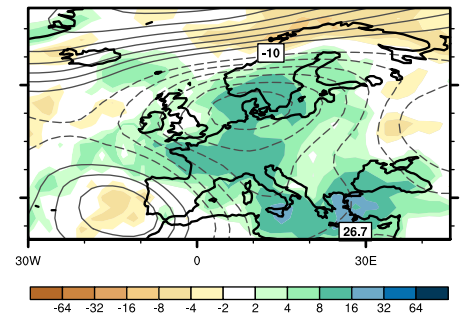
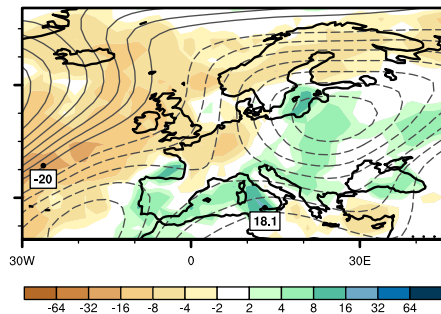
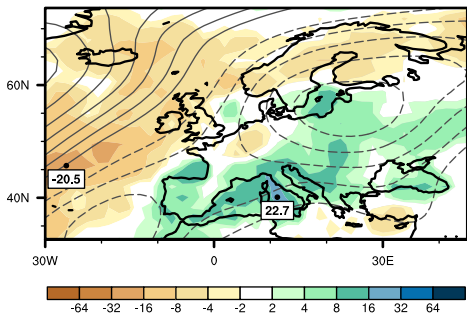
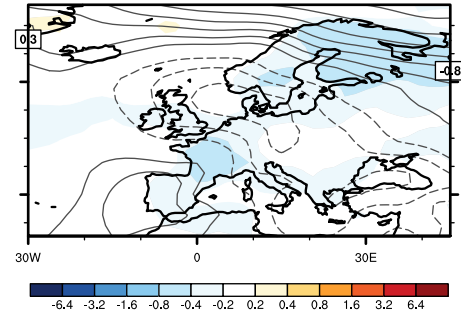
ModE-RA



ModE-Sim

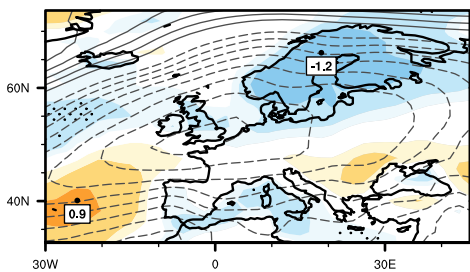


ModE-RAClim

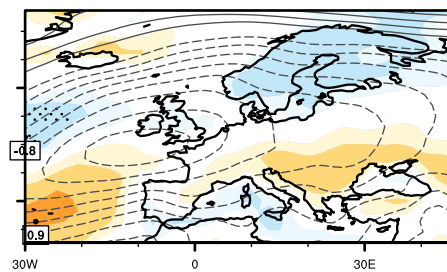


Autumn (SON) 1468

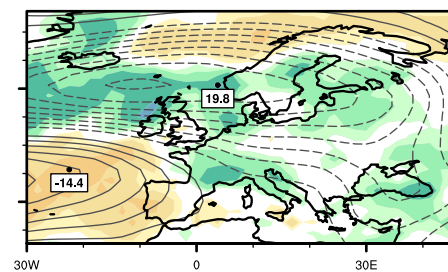
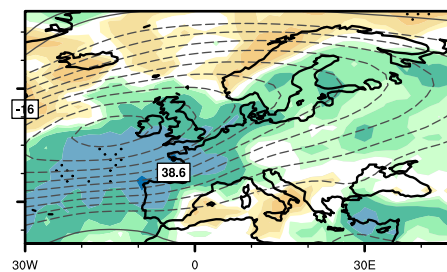
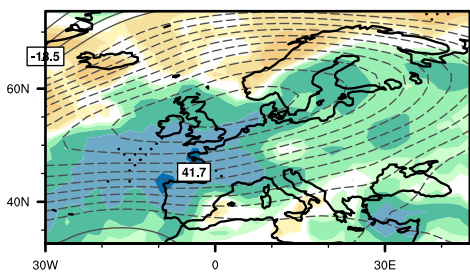
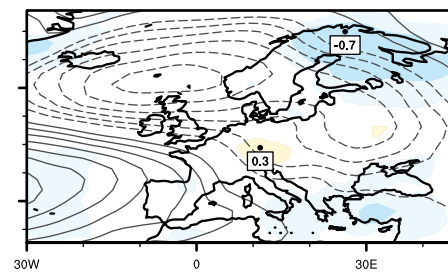
ModE-RA



ModE-Sim

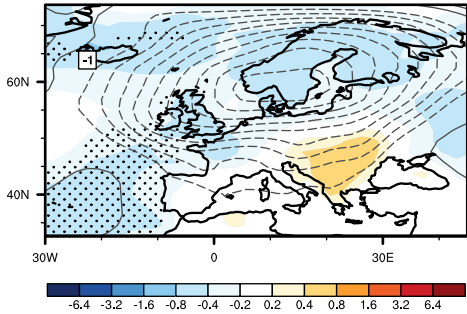


ModE-RAClim

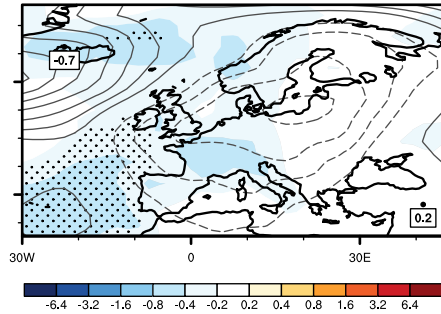


Autumn (SON) 1473

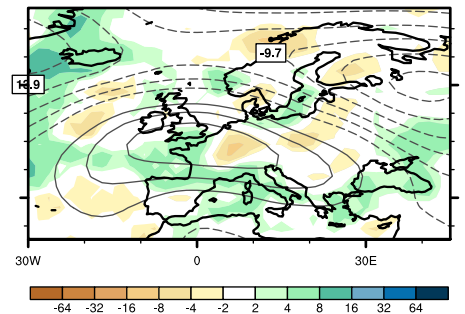
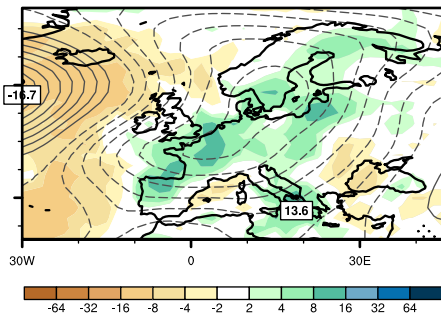
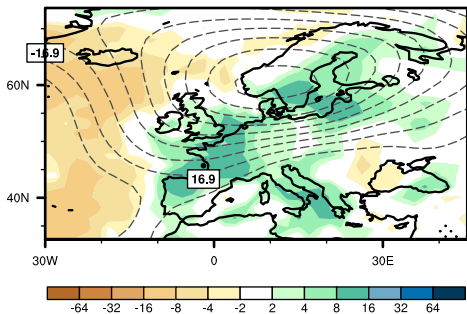
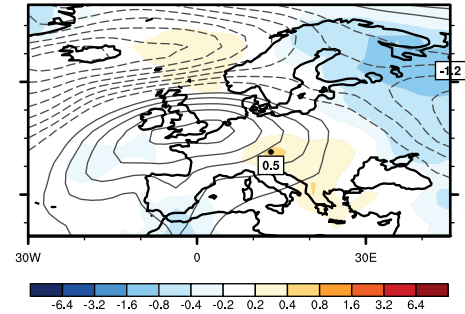
ModE-RA



ModE-Sim

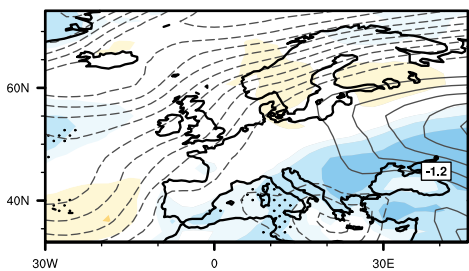


ModE-RAClim

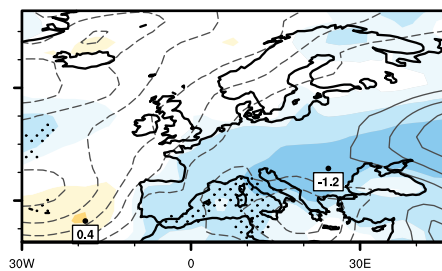


Autumn (SON) 1477

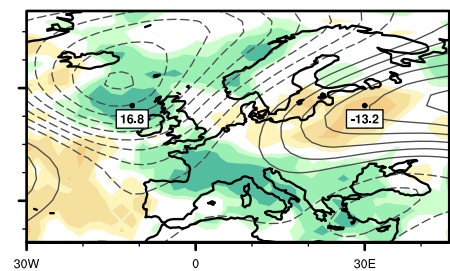
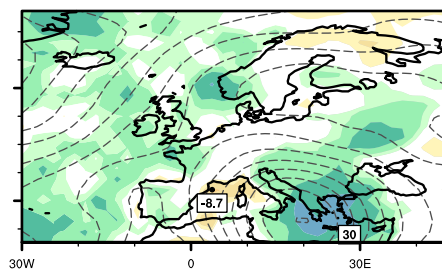
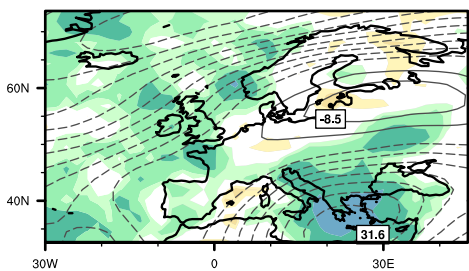
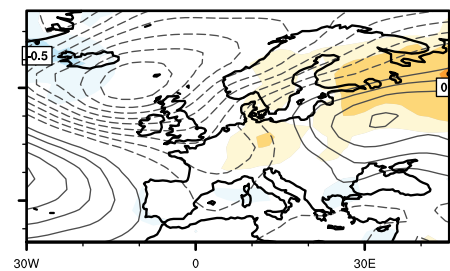
ModE-RA



ModE-Sim

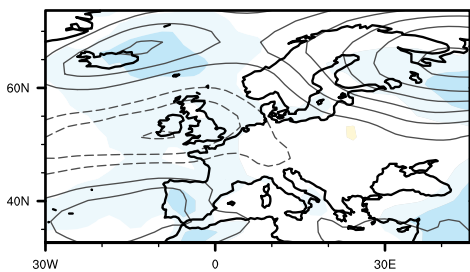


ModE-RAClim

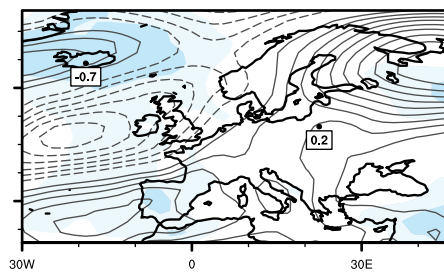


Autumn (SON) 1479

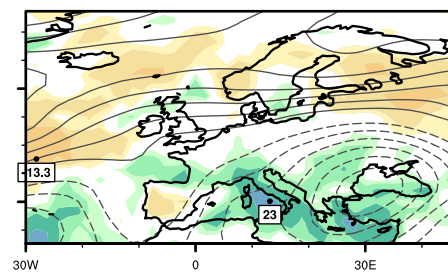
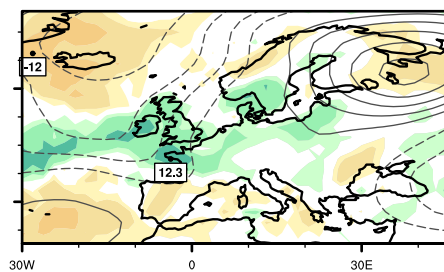
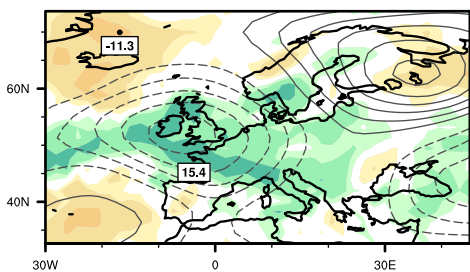
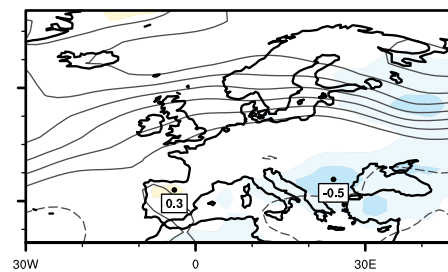
ModE-RA



ModE-Sim

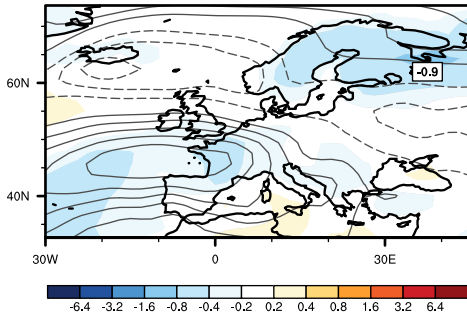


ModE-RAClim

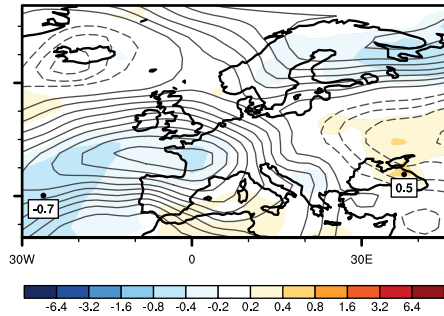


Autumn (SON) 1482

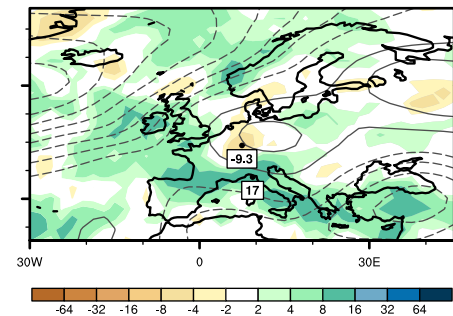
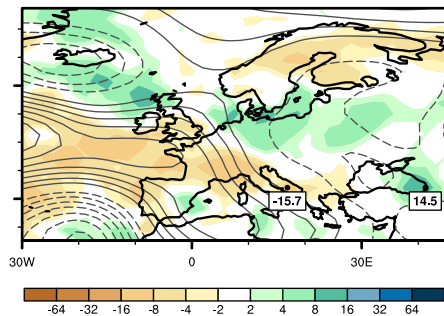
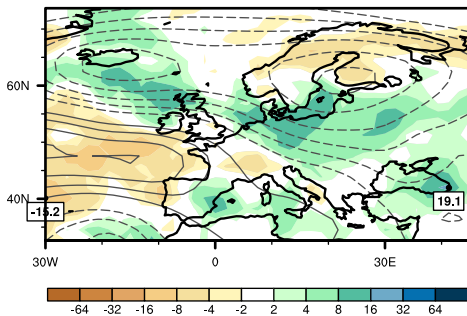
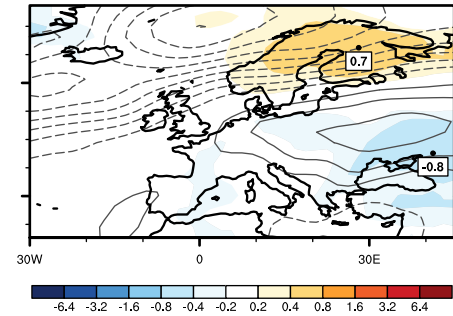
ModE-RA



ModE-Sim

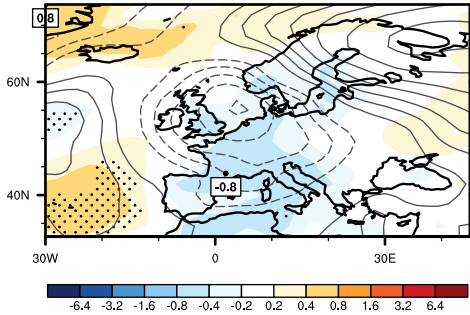


ModE-RAClim

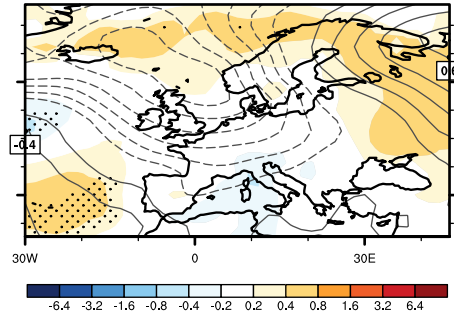


Autumn (SON) 1495

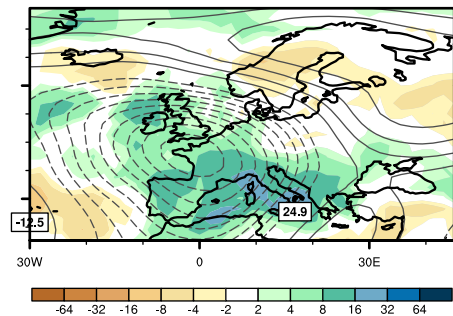
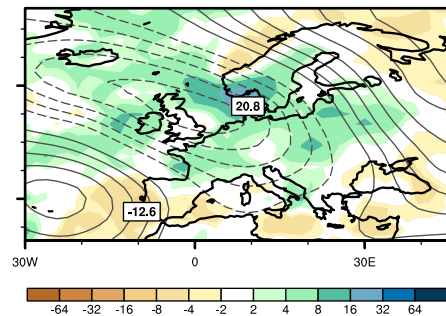
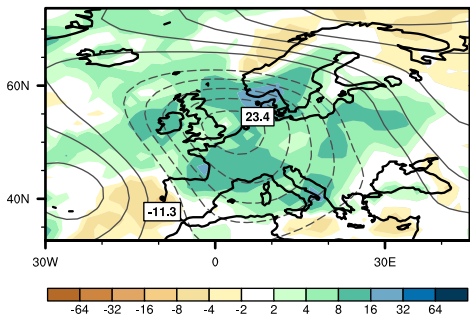
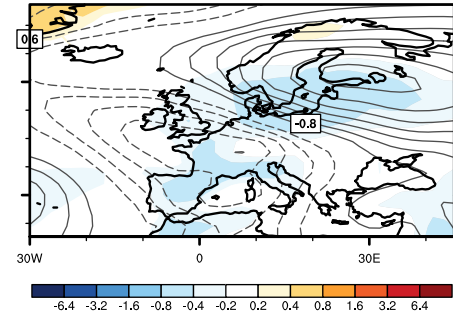
ModE-RA



ModE-Sim

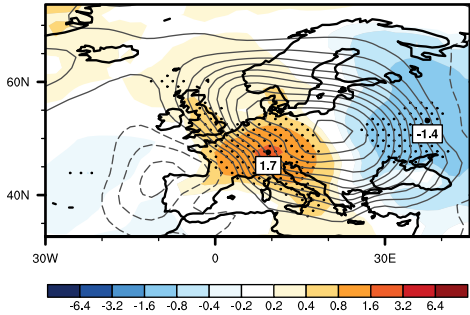


ModE-RAClim

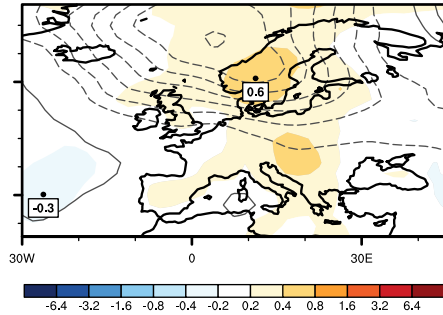


Autumn (SON) 1536

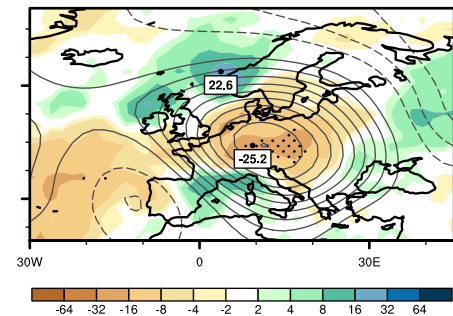
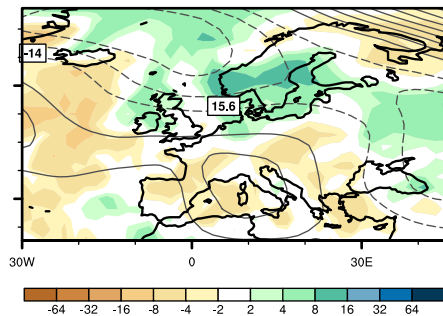
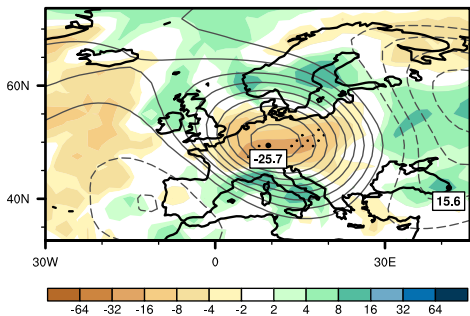
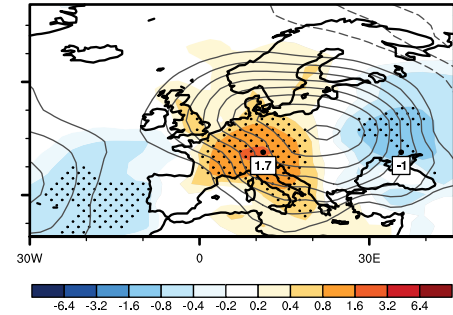
ModE-RA



ModE-Sim

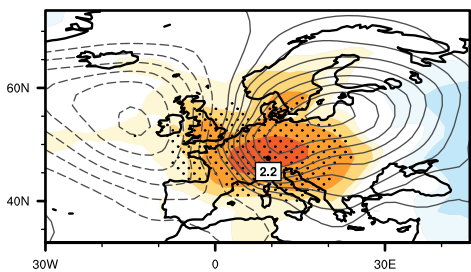


ModE-RAClim

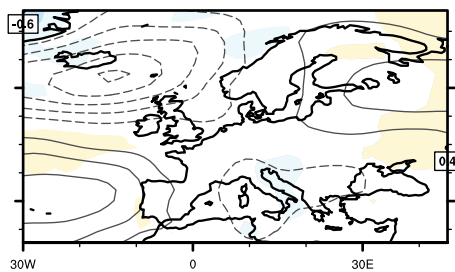


Autumn (SON) 1540

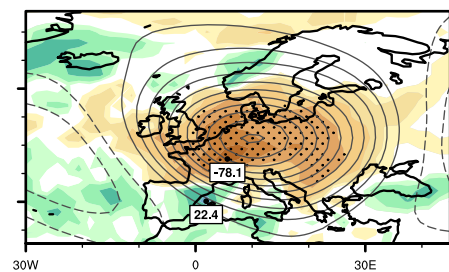
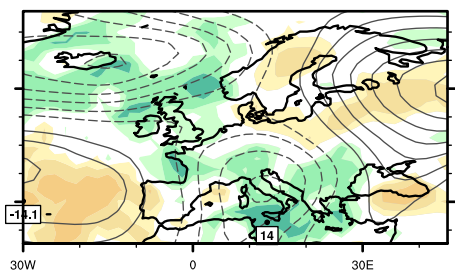
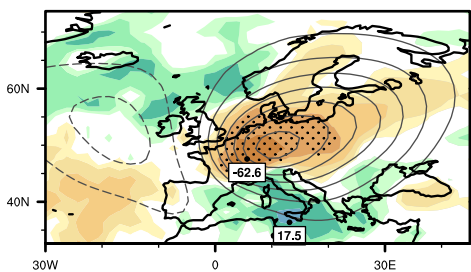
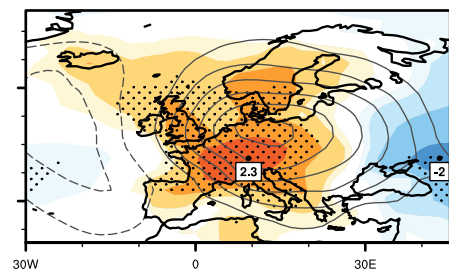
ModE-RA



ModE-Sim

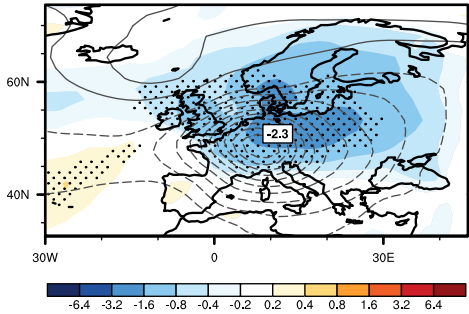


ModE-RAClim

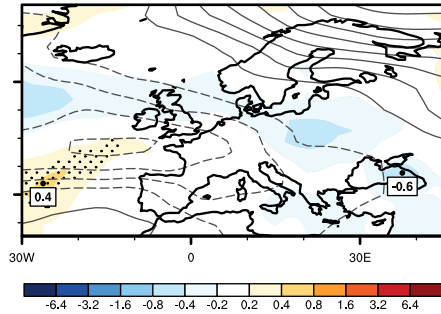


Autumn (SON) 1579

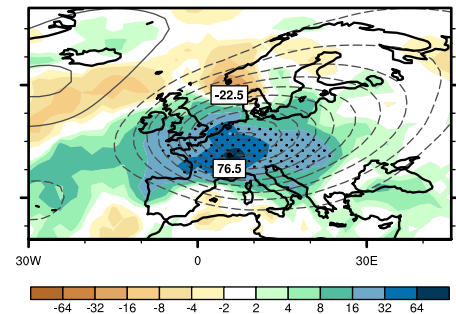
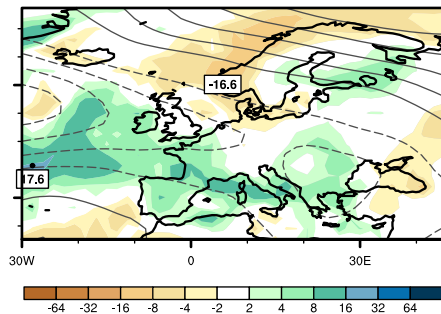
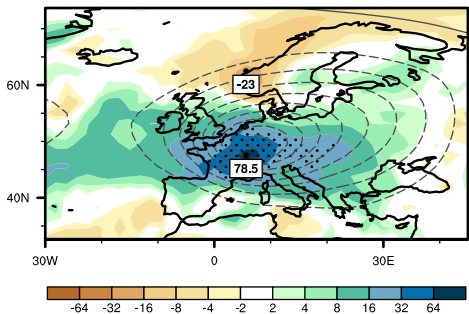
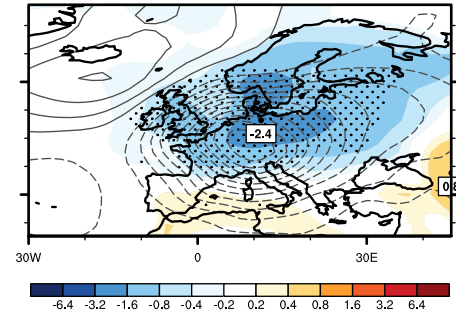
ModE-RA



ModE-Sim

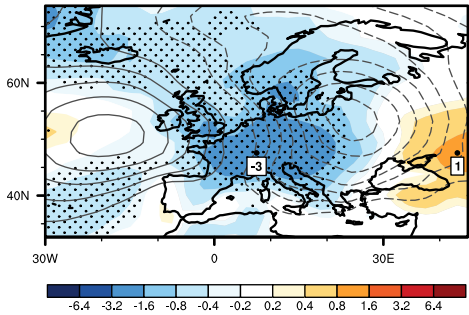


ModE-RAClim

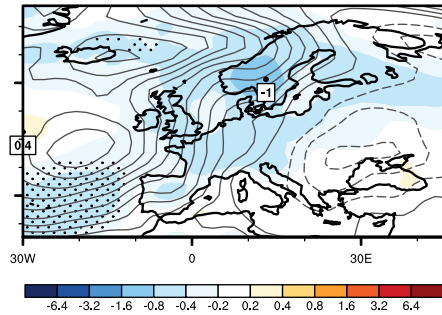


Autumn (SON) 1597

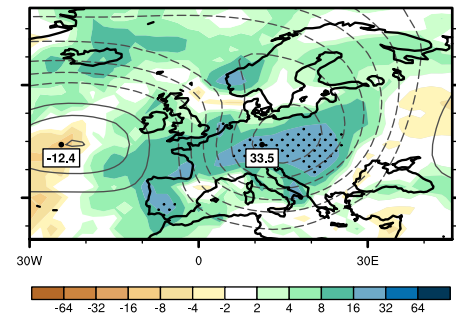
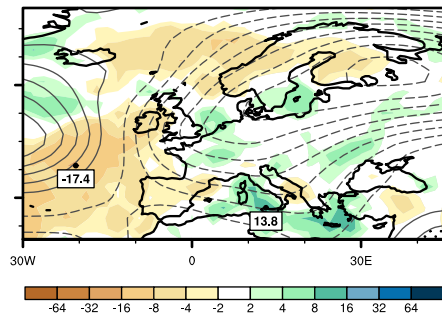
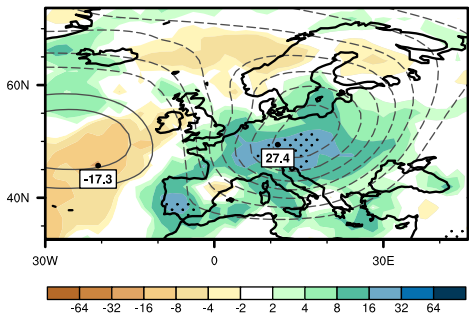
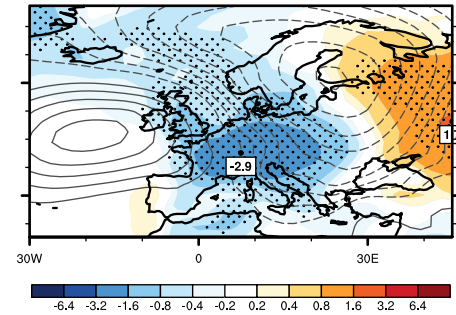
ModE-RA



ModE-Sim

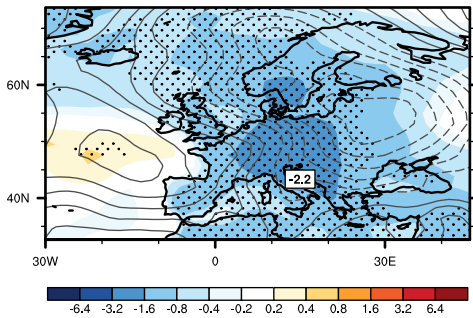


ModE-RAClim

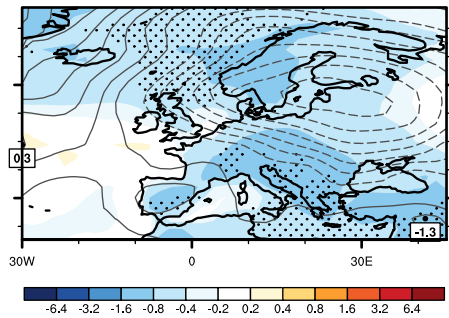


Autumn (SON) 1601

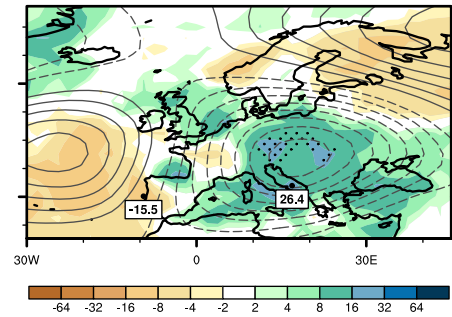
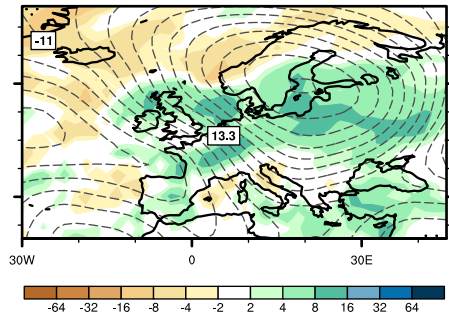
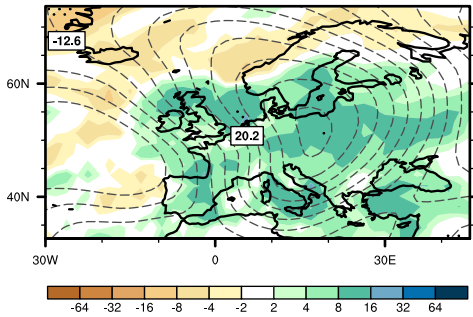
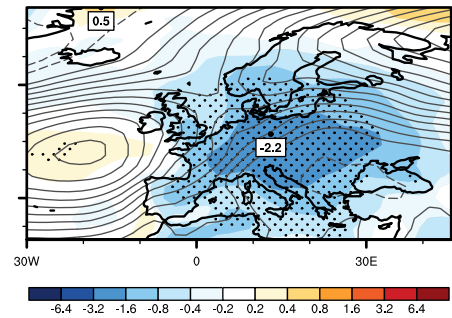
ModE-RA



ModE-Sim

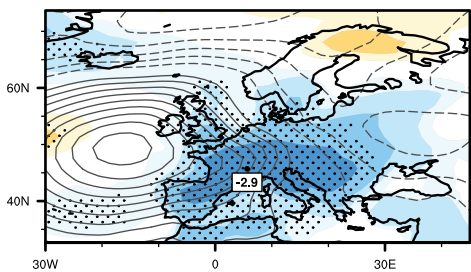


ModE-RAClim

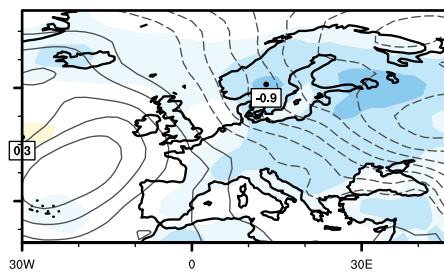


Autumn (SON) 1676

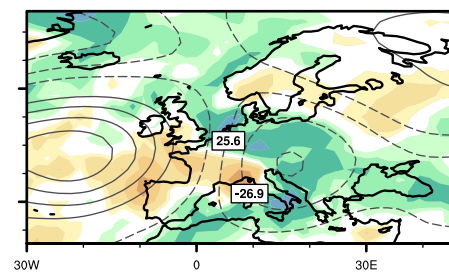
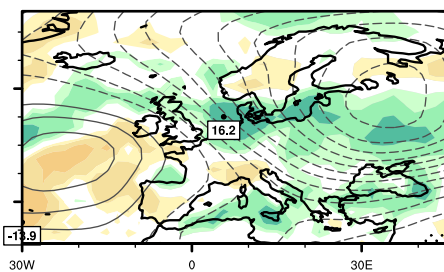
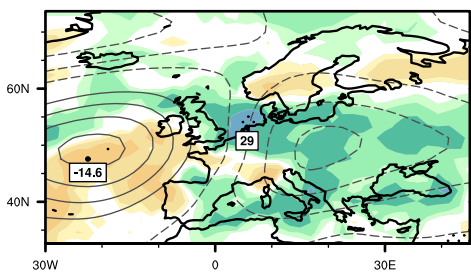
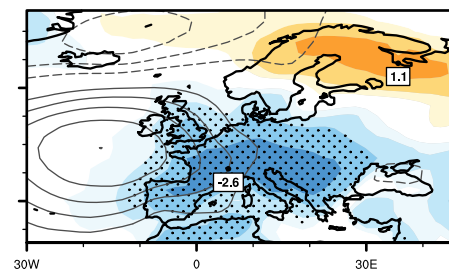
ModE-RA



ModE-Sim

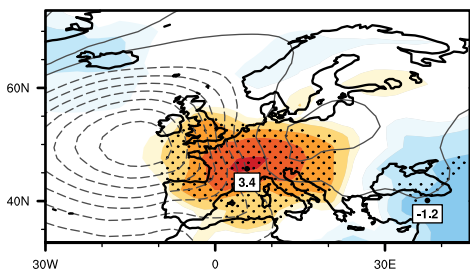


ModE-RAClim

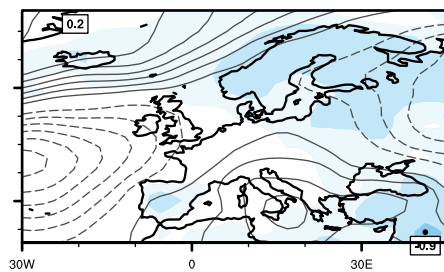


Autumn (SON) 1680

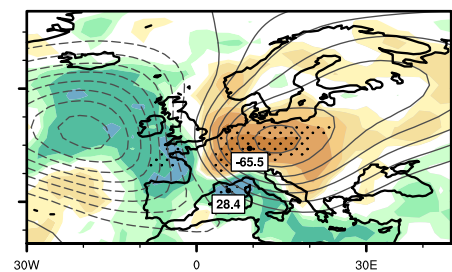
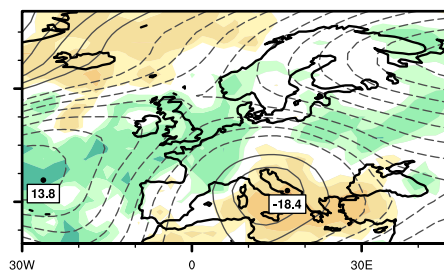
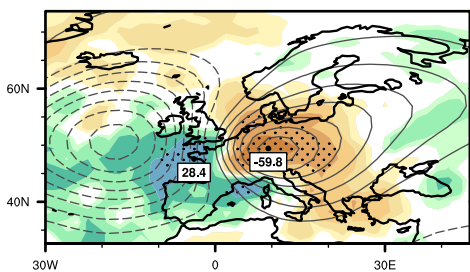
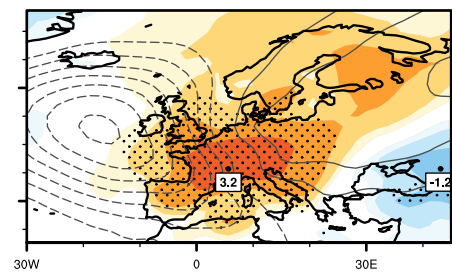
ModE-RA



ModE-Sim

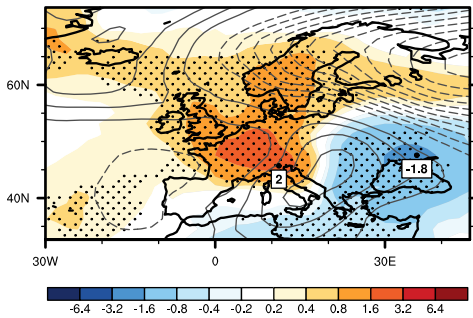


ModE-RAClim

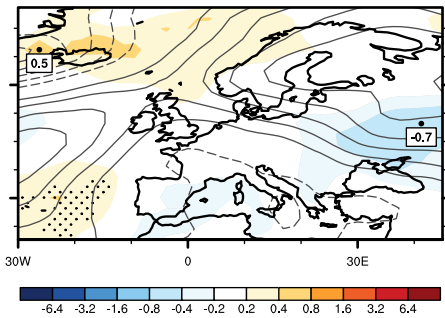


Autumn (SON) 1731

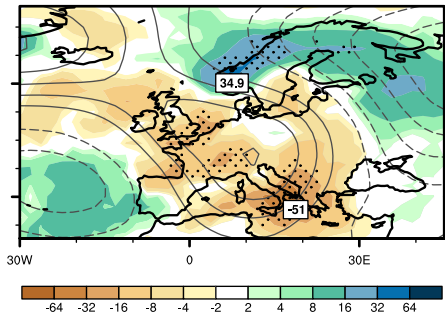
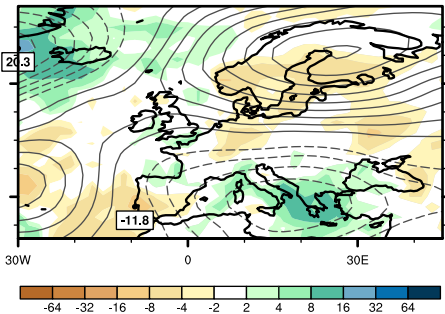
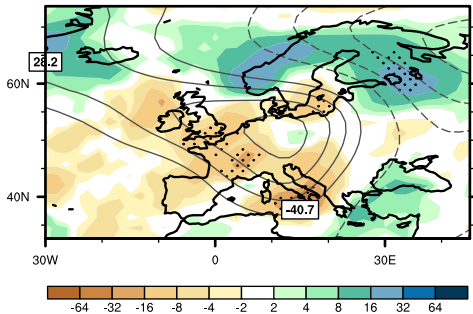
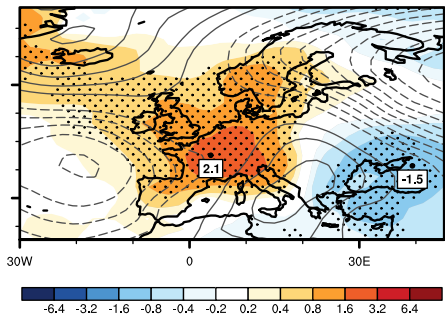
ModE-RA



ModE-Sim

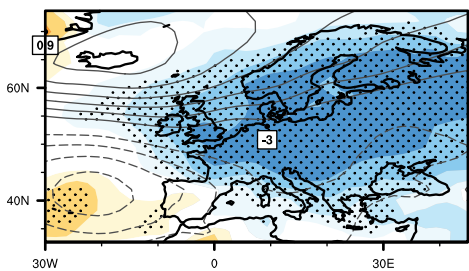


ModE-RAClim

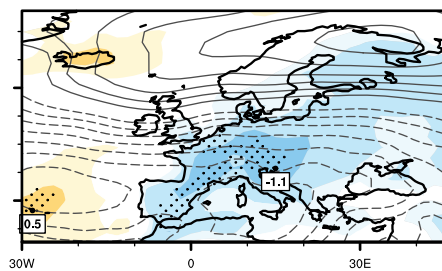


Autumn (SON) 1786

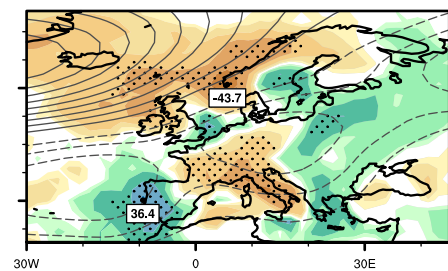
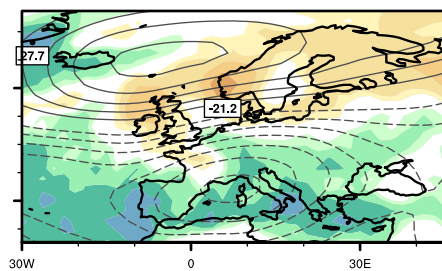
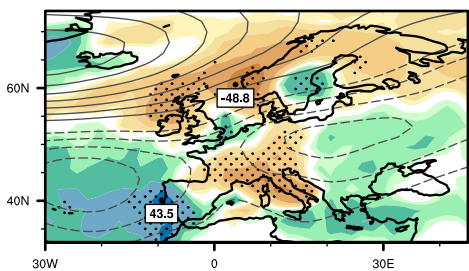
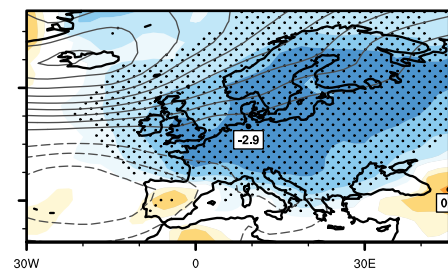
ModE-RA



ModE-Sim

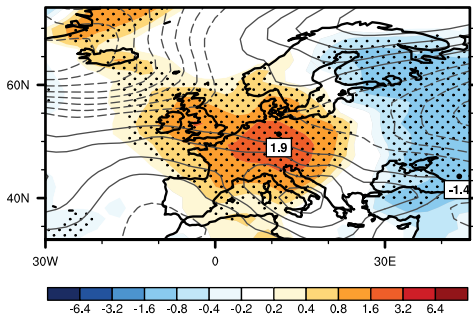


ModE-RAClim

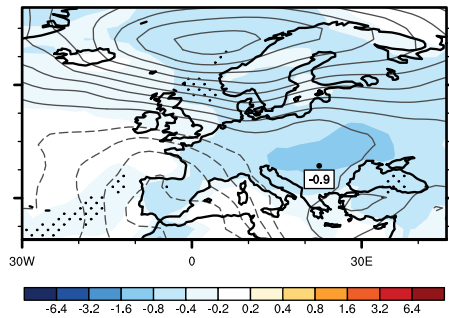


Autumn (SON) 1811

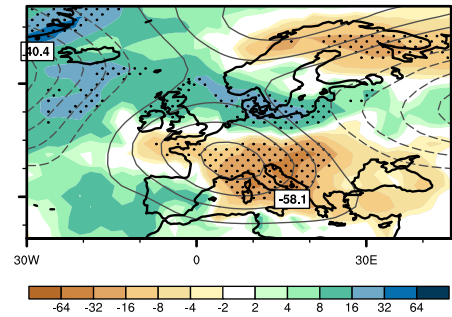
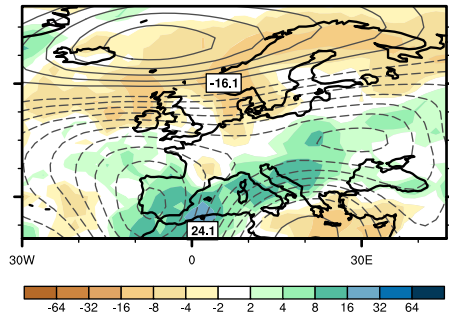
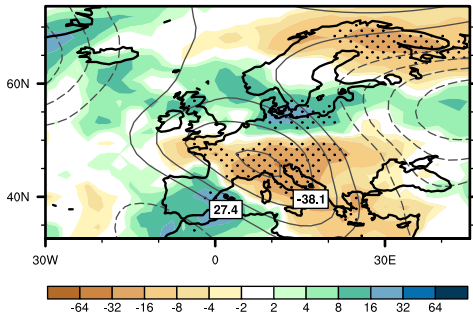
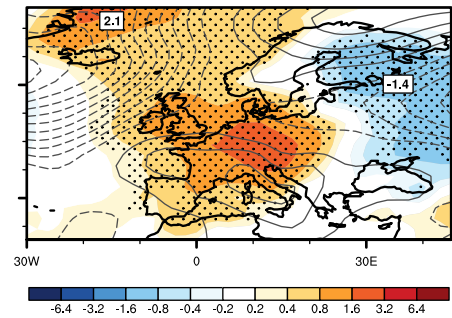
ModE-RA



ModE-Sim

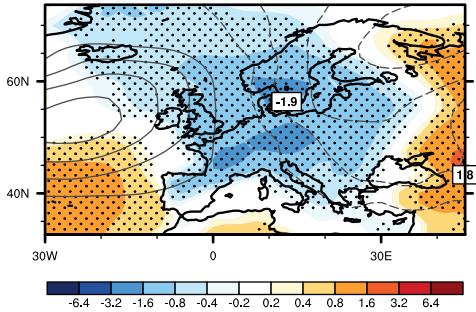


ModE-RAClim

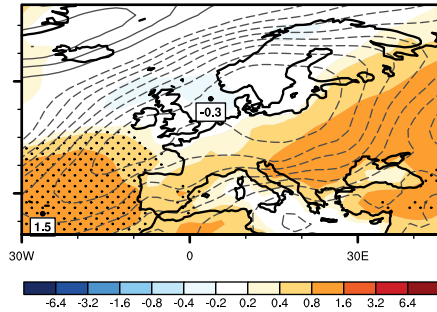


Autumn (SON) 1829

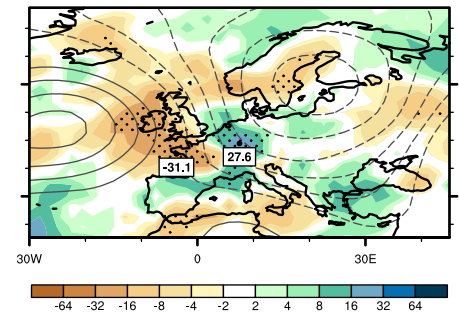
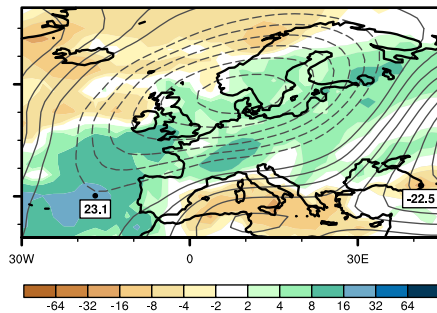
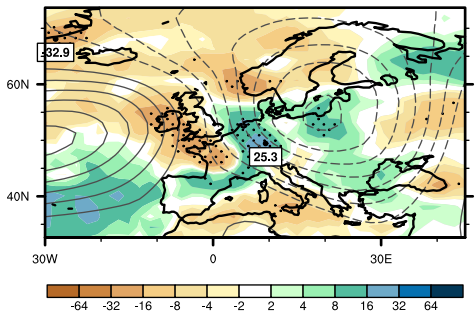
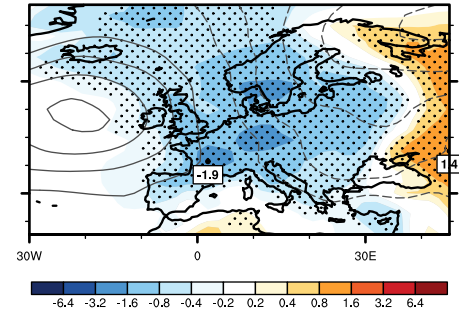
ModE-RA



ModE-Sim

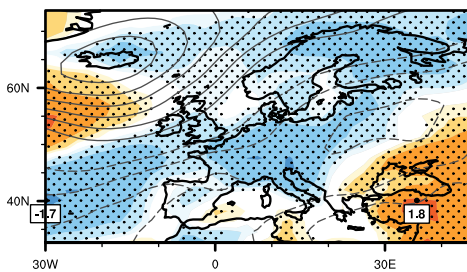


ModE-RAClim

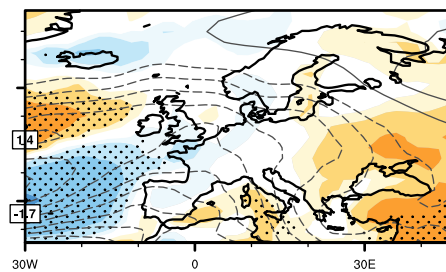


Autumn (SON) 1842

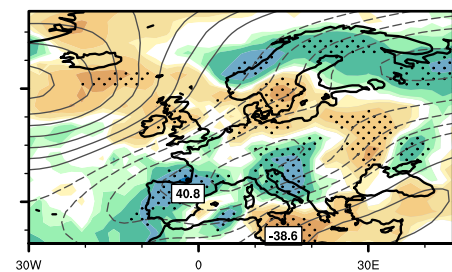
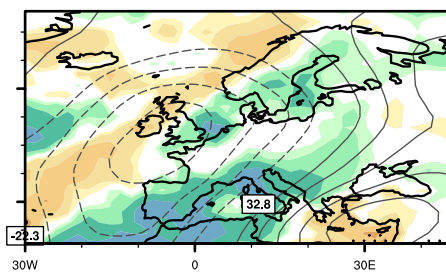
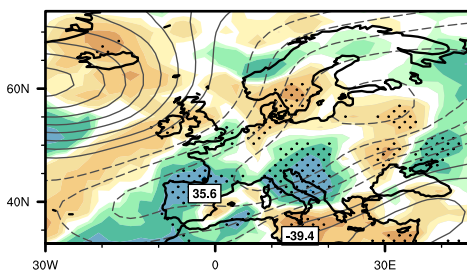
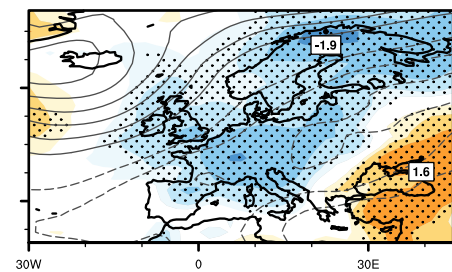
ModE-RA



ModE-Sim

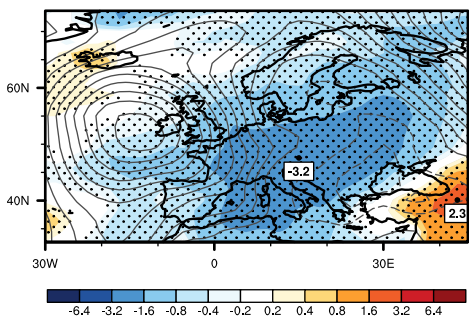


ModE-RAClim

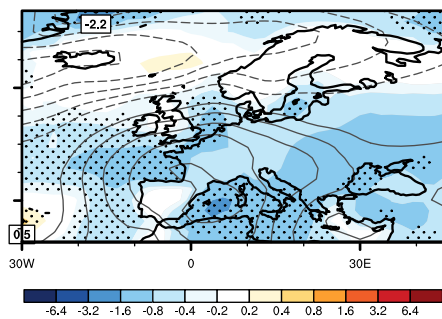


Autumn (SON) 1912

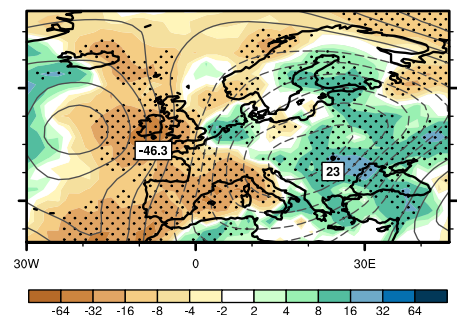
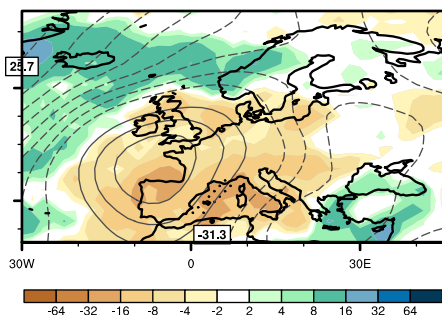
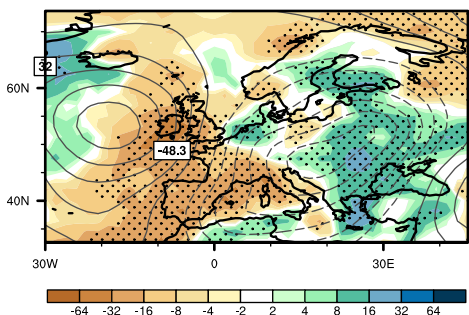
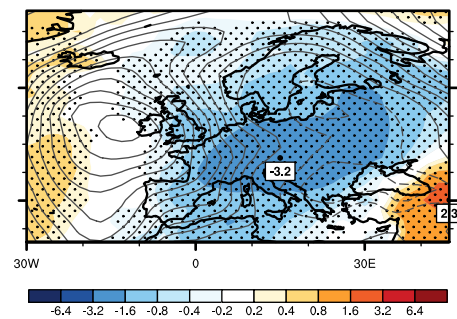
ModE-RA



ModE-Sim

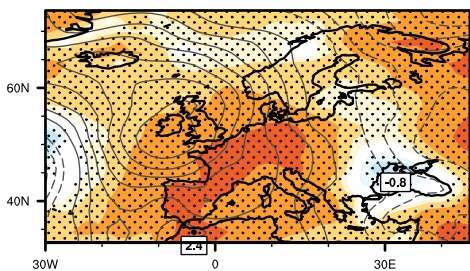


ModE-RAClim

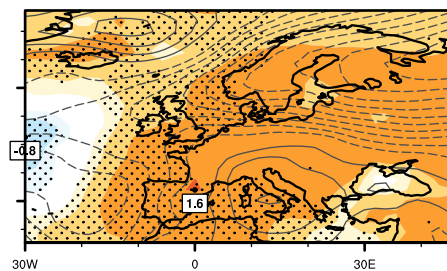


Autumn (SON) 1947

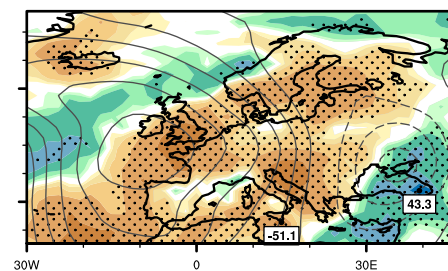
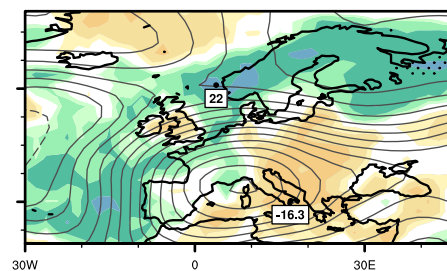
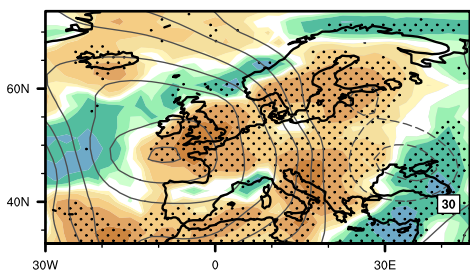
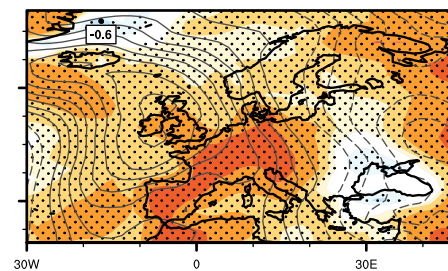
ModE-RA



ModE-Sim

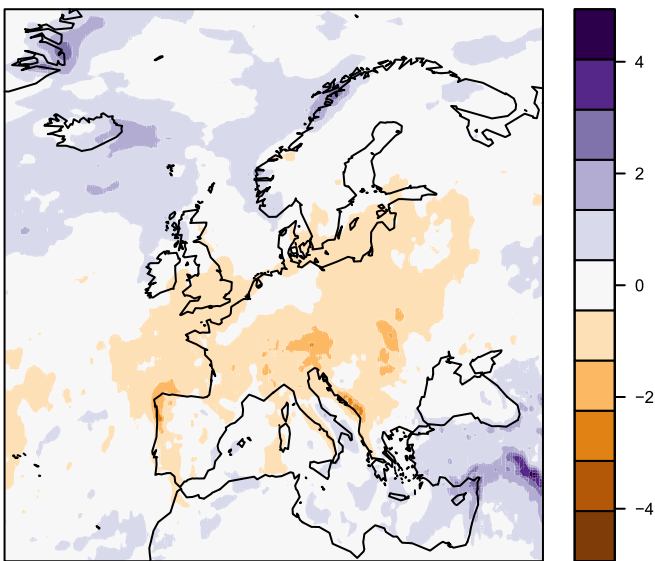


ModE-RAClim

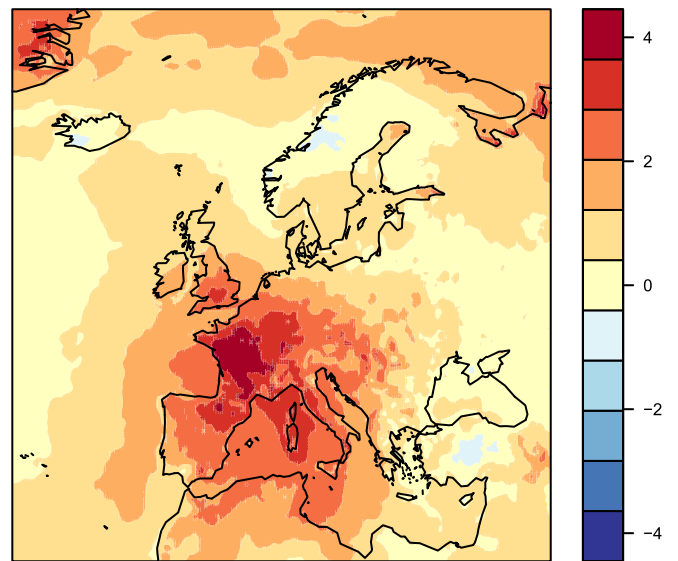


The year 2026 in ERA5

MAM precipitation anomaly (mm/d)



JJA temperature anomaly (K)



Anomalies are relative to 1991-2020, JJA temperature uses data until 22 Aug and is extrapolated using climatology.