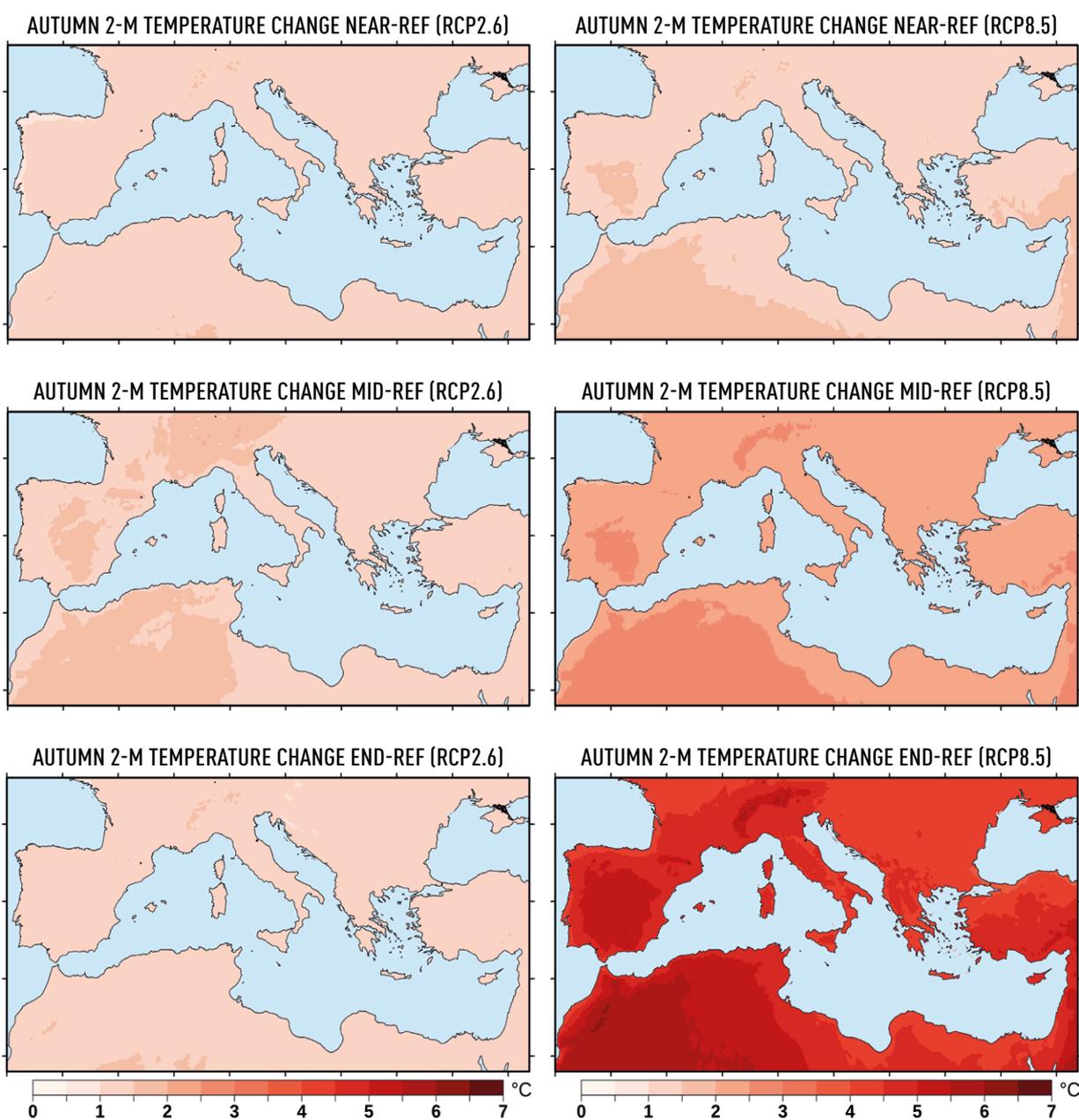


### Autumn temperature

Maps of projected changes for the transitional season of autumn are presented in Fig. B.4. The spatial patterns are very similar to those for the summer season, however, the magnitude of warming is lower. For RCP2.6, future changes range between 1°C and 1.5°C for all future periods (Fig. B.4 – left panels). The only exception is the western part of the Mediterranean and middle century projections that are expected

to be somehow higher (up to 2°C). Under the high-emission pathway (Fig. B.4 – right panels), the near future changes are comparable to those for RCP2.6, while the middle century projections indicate that the autumn warming, with respect to the reference period, is not expected to exceed 3°C. The end-of-century projections under RCP8.5 indicate further warming of up to 5°C–6°C, expected mainly for the southern Mediterranean (for example, the Maghreb, the Iberian Peninsula and Anatolia), as well as the Alps.



**Figure B.4** | Projected changes in autumn (September, October, November) precipitation between the recent past reference period (REF: 1980-1999) and three future sub-periods (NEAR: 2020-2039, MID: 2040-2059, END: 2080-2099), based on the ensemble mean results of the EURO-CORDEX high-resolution simulations for pathways RCP2.6 (left panels) and RCP8.5 (right panels).