

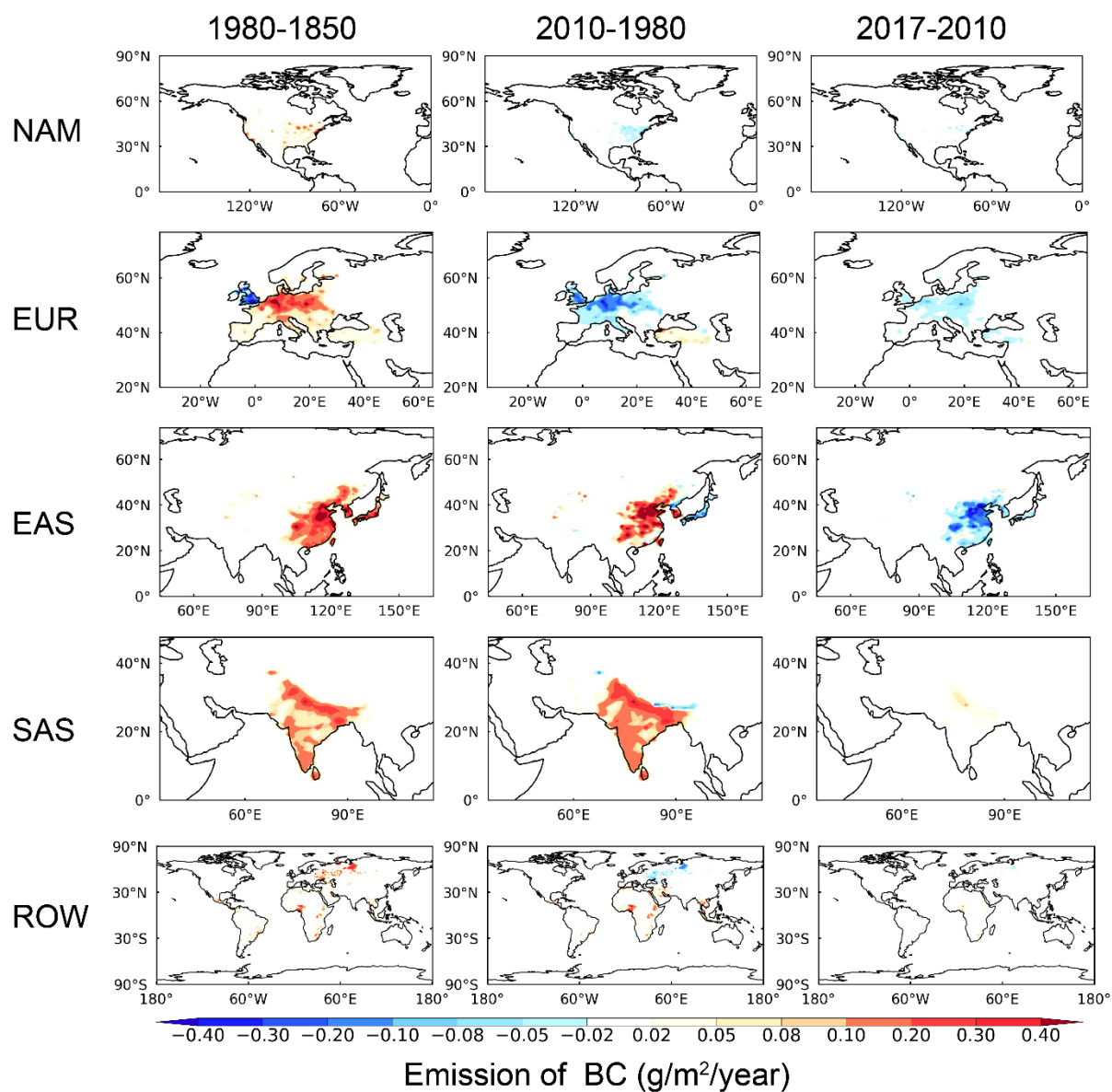
1 Global source apportionment of aerosols into major emission regions
2 and sectors over 1850–2017

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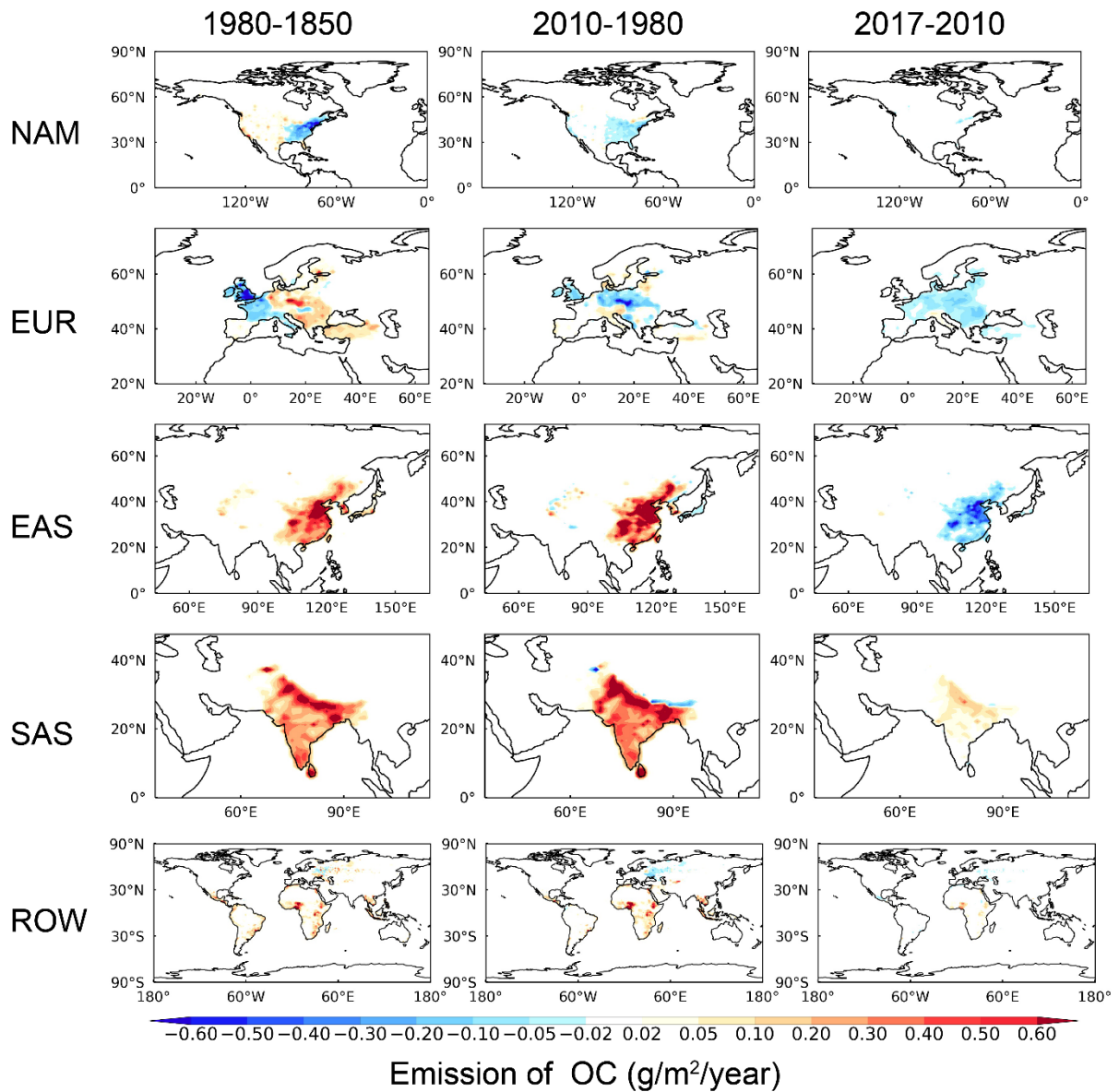
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24 **Figure S1.** Changes in anthropogenic emissions of black carbon (BC) between 1850
 25 and 1980 (left), between 1980 and 2010 (middle), and between 2010 and 2017 (right)
 26 in the 5 tagged source regions (NAM, EUR, EAS, SAS and ROW from top to bottom).



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28 **Figure S2.** Changes in anthropogenic emissions of organic carbon (OC) between
 29 1850 and 1980 (left), between 1980 and 2010 (middle), and between 2010 and 2017
 30 (right) in the 5 tagged source regions (NAM, EUR, EAS, SAS and ROW from top to
 31 bottom).