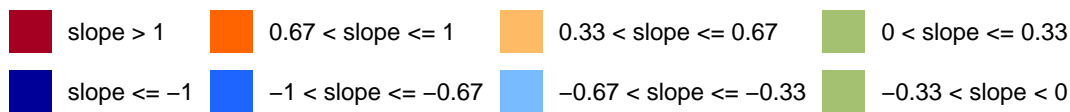
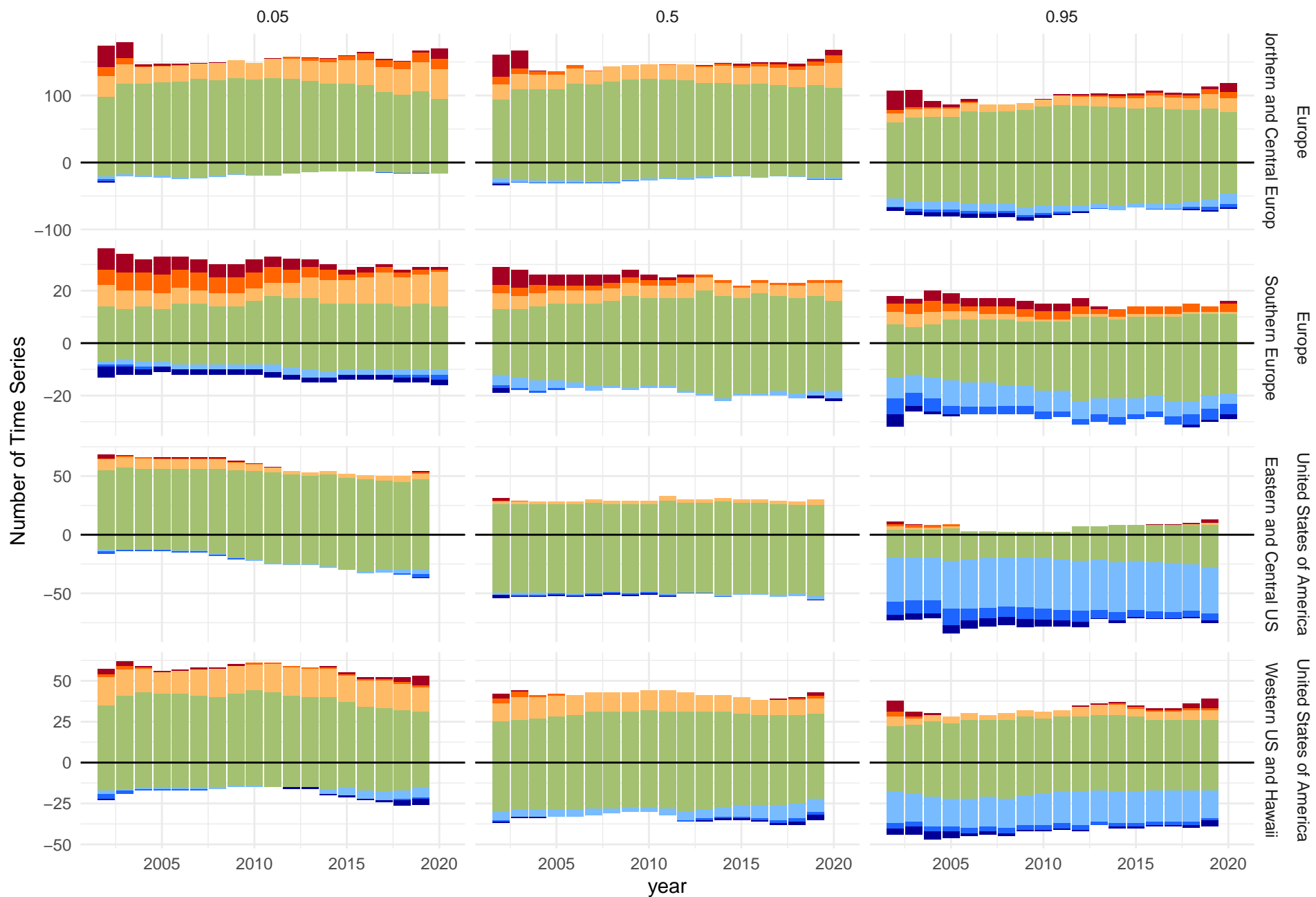
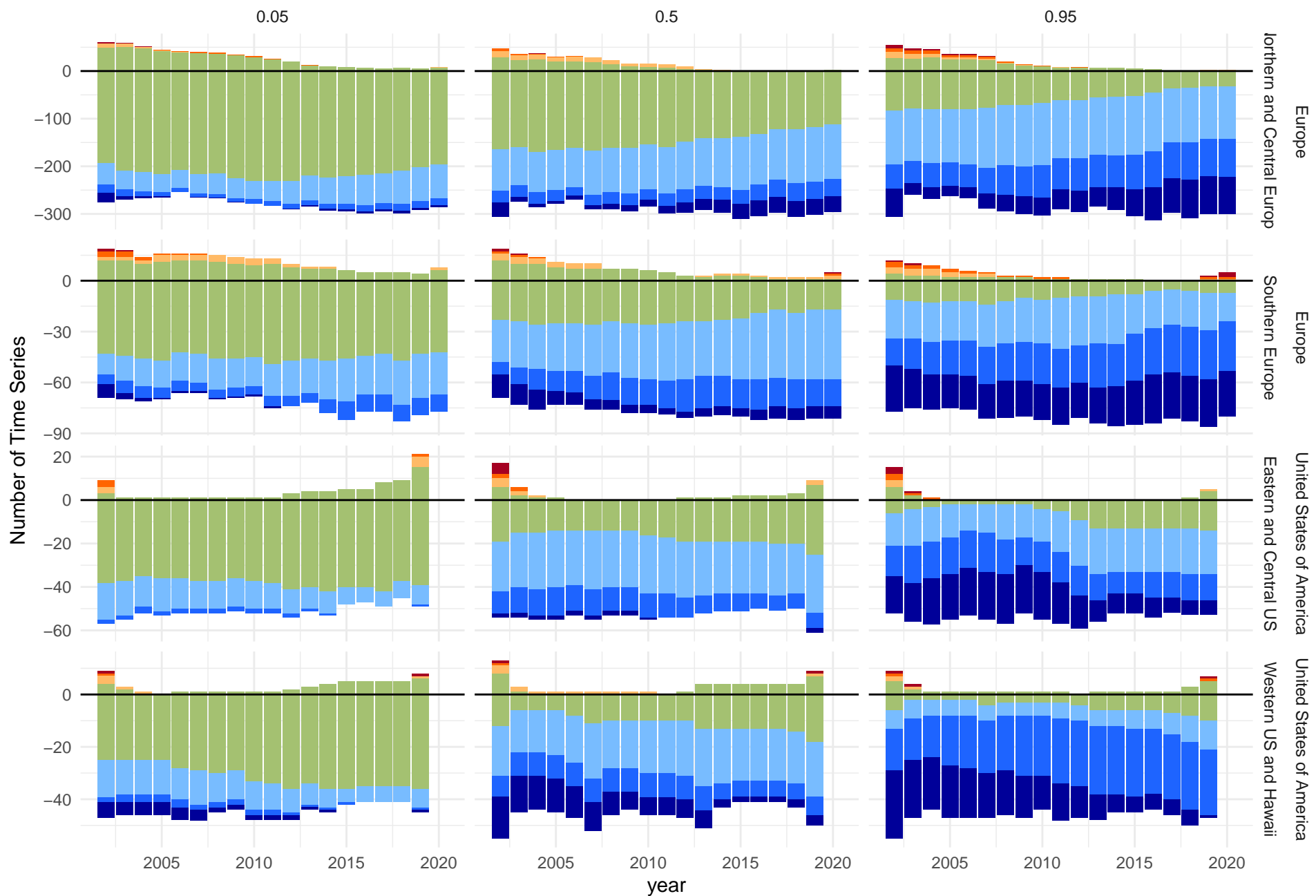


$O <_{\text{sub}} 3 </sub>$



NO₂



$$O_{\langle x \rangle}$$

0.05

0.5

0.95

Europe
Northern and Central Europe

Europe
Southern Europe

United States of America
Eastern and Central USUnited States of America
Western US and Hawaii

Number of Time Series

50
0
-50
-100
-150

10
0
-10
-20
-30

5
0
-5
-10
-15

10
0
-10
-20

2005

2010

2015

2005

20

r

2020

2005

010

year

■ slope > 1

0.67 < slope <= 1

0.33 < slope <= 0.67

0 < slope <= 0.33

■ slope ≤ -1

■ $-1 < \text{slope} \leq -0.67$

■ $-0.67 < \text{slope} \leq -0.33$

■ $-0.33 < \text{slope} < 0$