

$O_{3\rightarrow}$ 

0.05

0.1

0.25

0.5

0.75

0.9

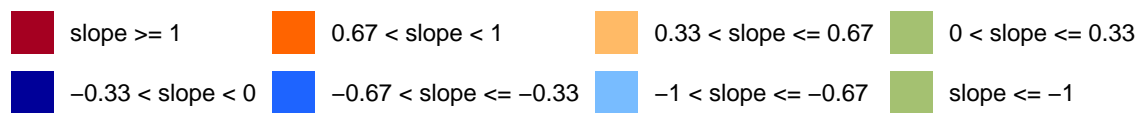
0.95

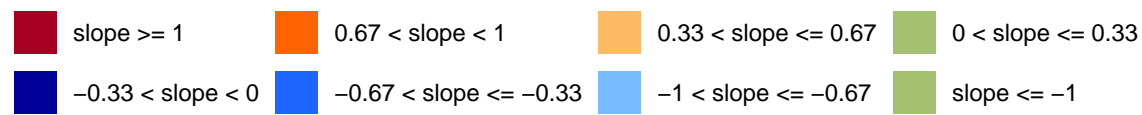
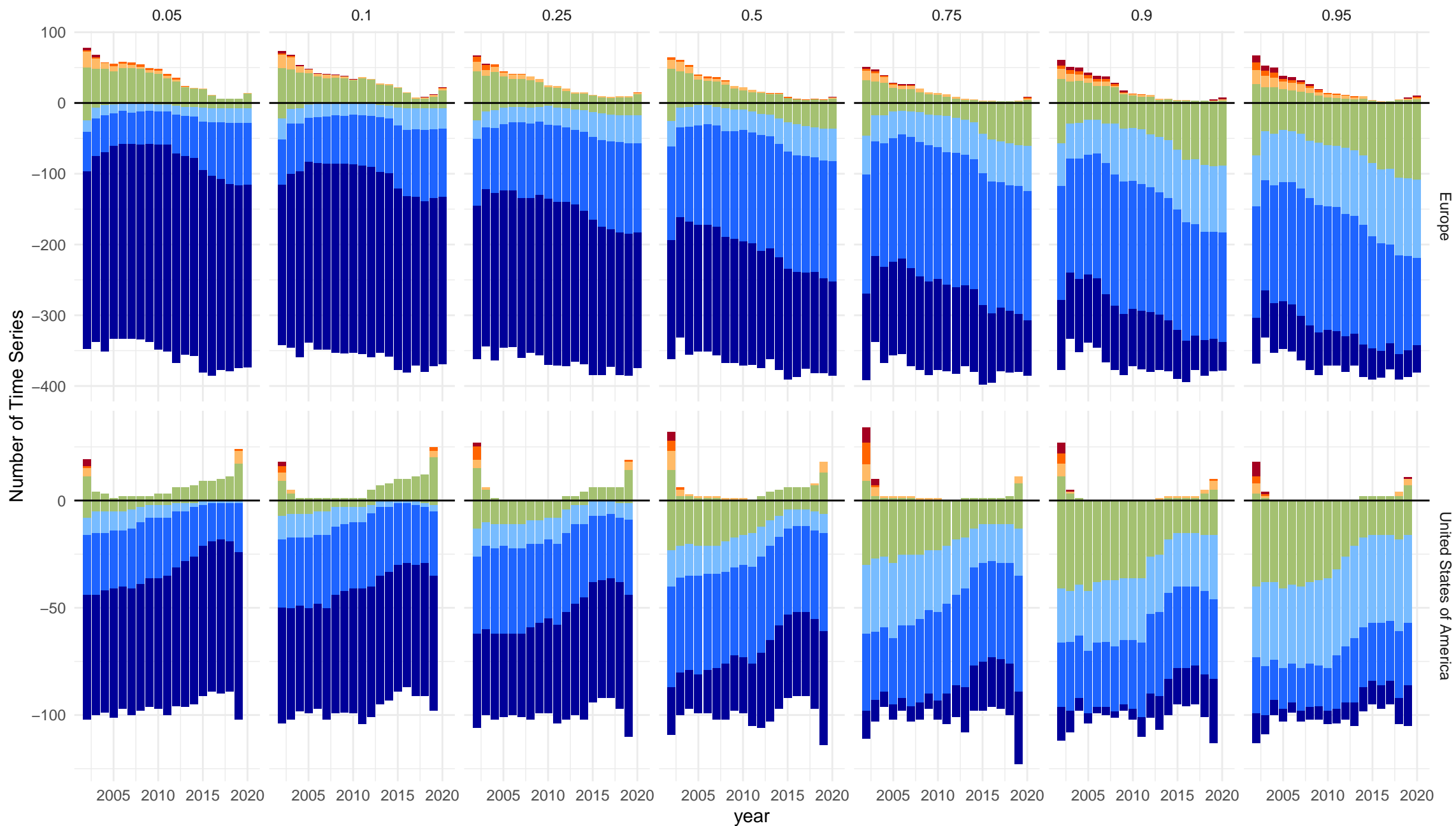
Europe

United States of America

## Number of Time Series

year



$$\text{NO}_2$$


$O_{x}$

0.05

0.1

0.25

0.5

0.75

0.9

0.95

Number of Time Series

Europe

United States of America

0

-100

20

0

-20

-40

2005 2010 2015 2020

2005 2010 2015 2020

2005 2010 2015 2020

2005 2010 2015 2020

2005 2010 2015 2020

2005 2010 2015 2020

2005 2010 2015 2020

year

slope  $\geq 1$

$0.67 < \text{slope} < 1$

$0.33 < \text{slope} \leq 0.67$

$0 < \text{slope} \leq 0.33$

$-0.33 < \text{slope} < 0$

$-0.67 < \text{slope} \leq -0.33$

$-1 < \text{slope} \leq -0.67$

slope  $\leq -1$