

$O_{3\text{}}$

0.05

0.1

0.25

0.5

0.75

0.9

0.95

Europe

United States of America

Number of Time Series

200

0

150

100

50

2005 2010 2015 2020

2005 2010 2015 2020

2005 2010 2015 2020

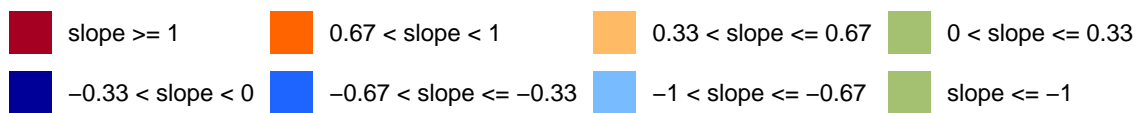
2005 2010 2015 2020

2005 2010 2015 202

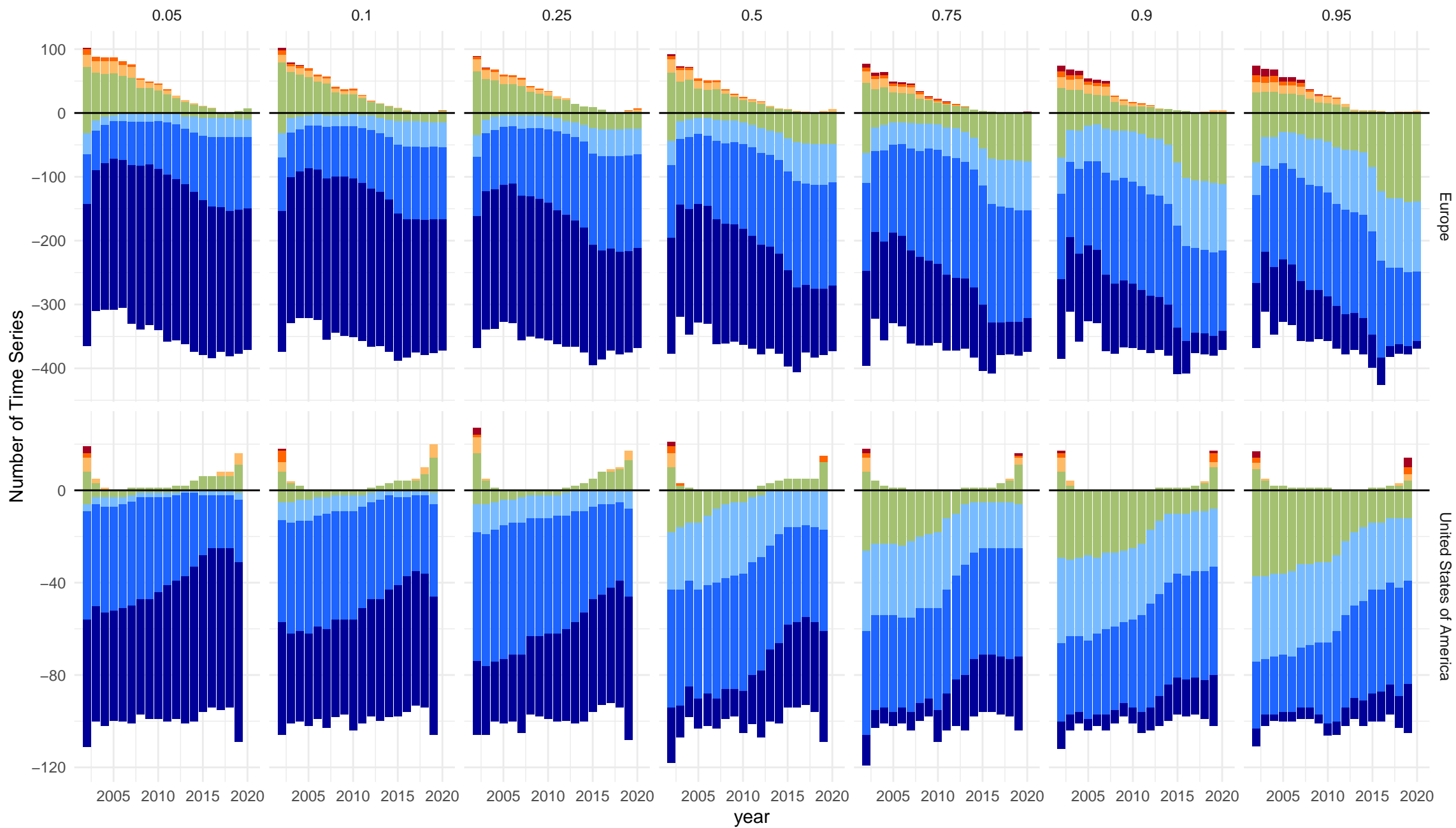
2005 2010 2015 202

2005 2010 2015 2020

year



NO₂



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

0

-20

-40

2005 2010 2015 2020

2005 2010 2015 2020

2005 2010 2015 2020

2005 2010 2015 2020

2005 2010 2015 2020

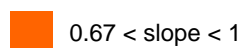
2005 2010 2015 2020

2005 2010 2015 2020

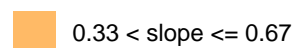
year



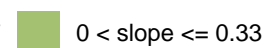
slope ≥ 1



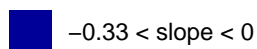
$0.67 < \text{slope} < 1$



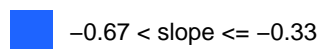
$0.33 < \text{slope} \leq 0.67$



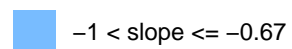
$0 < \text{slope} \leq 0.33$



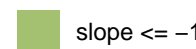
$-0.33 < \text{slope} < 0$



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



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



slope ≤ -1