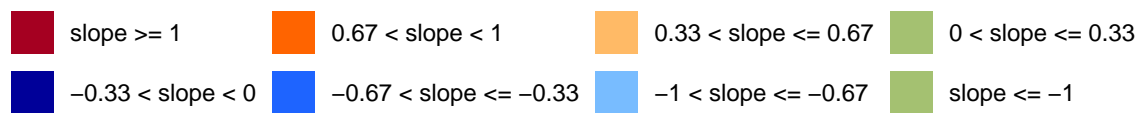
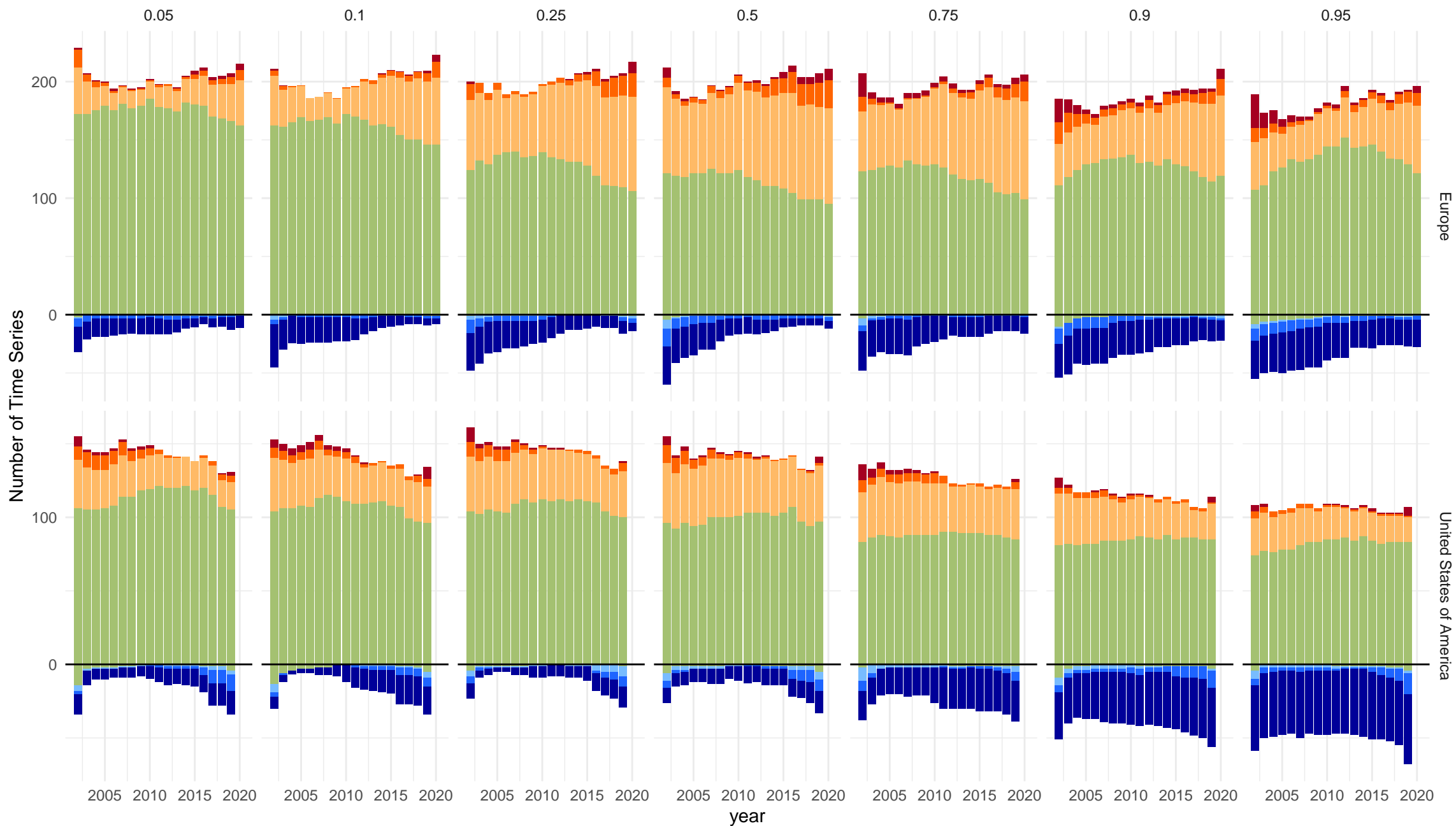


O_{3} 

$$\text{NO}_2$$

0.05

0.1

0.25

0.5

0.75

0.9

0.95

Europe

United States of America

Number of Time Series

0

-200

-400

•

-40

2005 2010 2015 2020

2005 2010 2015 2020

2005 2010 2015 2020

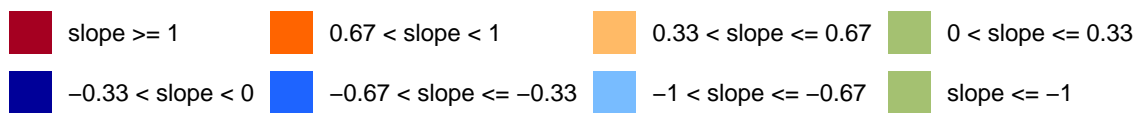
2005 2010 2015 2020

2005 2010 2015 2020

2005 2010 2015 2020

2005 2010 2015 2020

year



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

$0.67 < \text{slope} < 1$

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

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

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

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

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

slope ≤ -1