

$O_{<sub>3</sub>}$

Number of Time Series

Europe

United States of America

0.05

0.1

0.25

0.5

0.75

0.9

0.95

200

100

0

-100

150

100

50

0

-50

-100

2005 2010 2015 2020

2005 2010 2015 2020

2005 2010 2015 2020

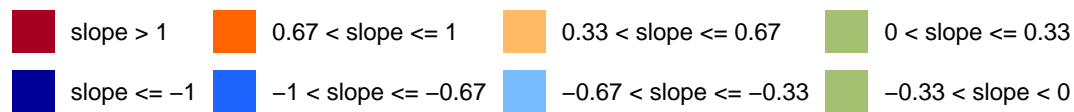
2005 2010 2015 2020

2005 2010 2015 2020

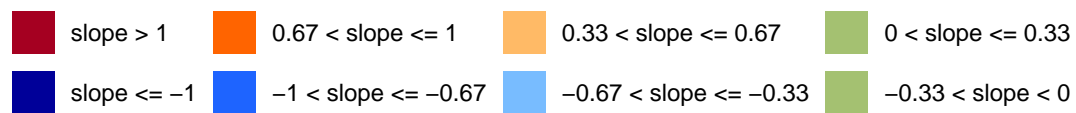
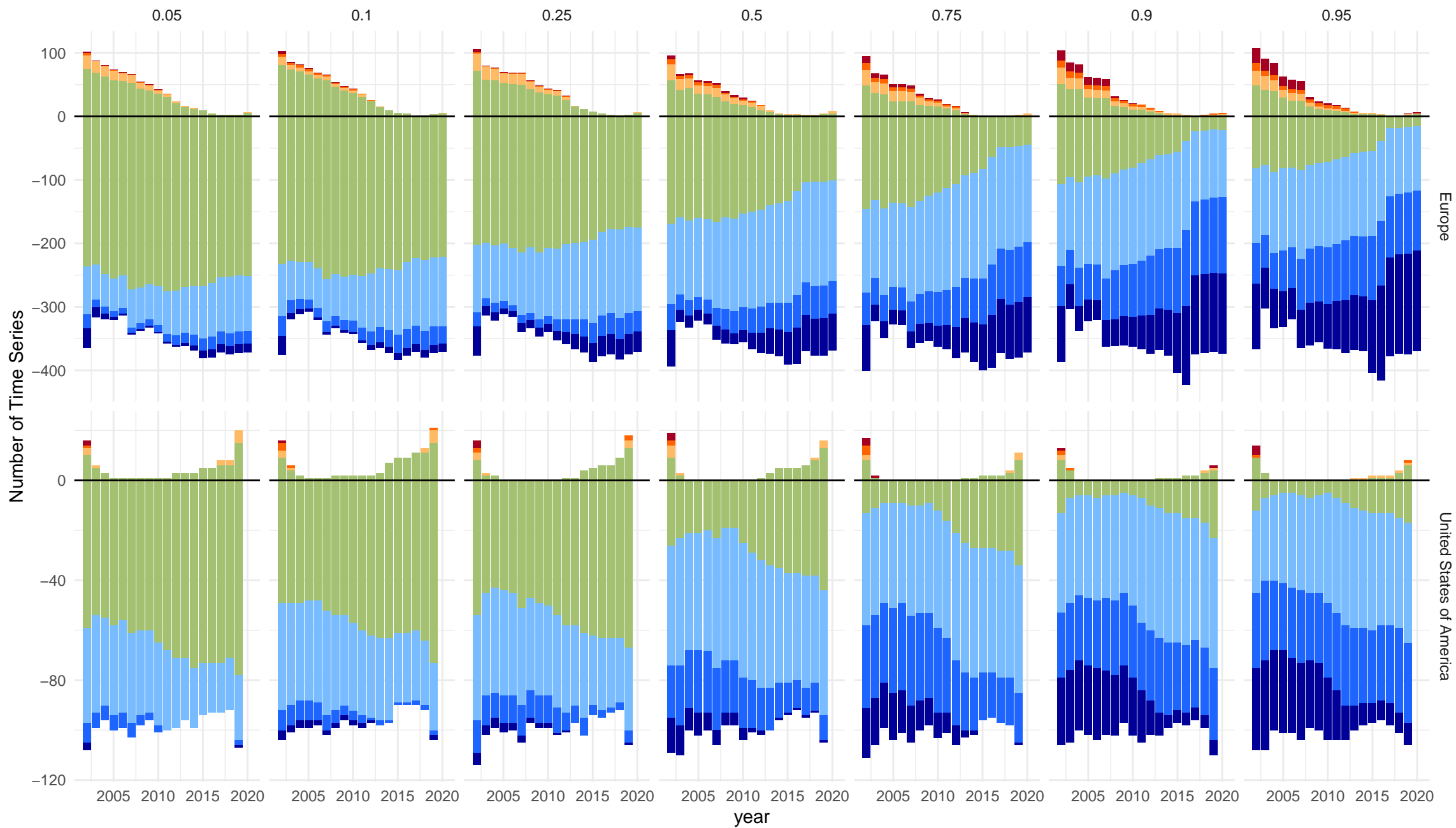
2005 2010 2015 2020

2005 2010 2015 2020

year



NO<sub>2</sub>



$O\langle x \rangle$

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

-200

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

