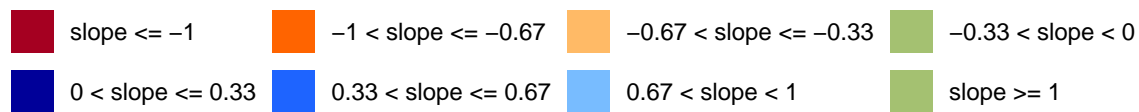
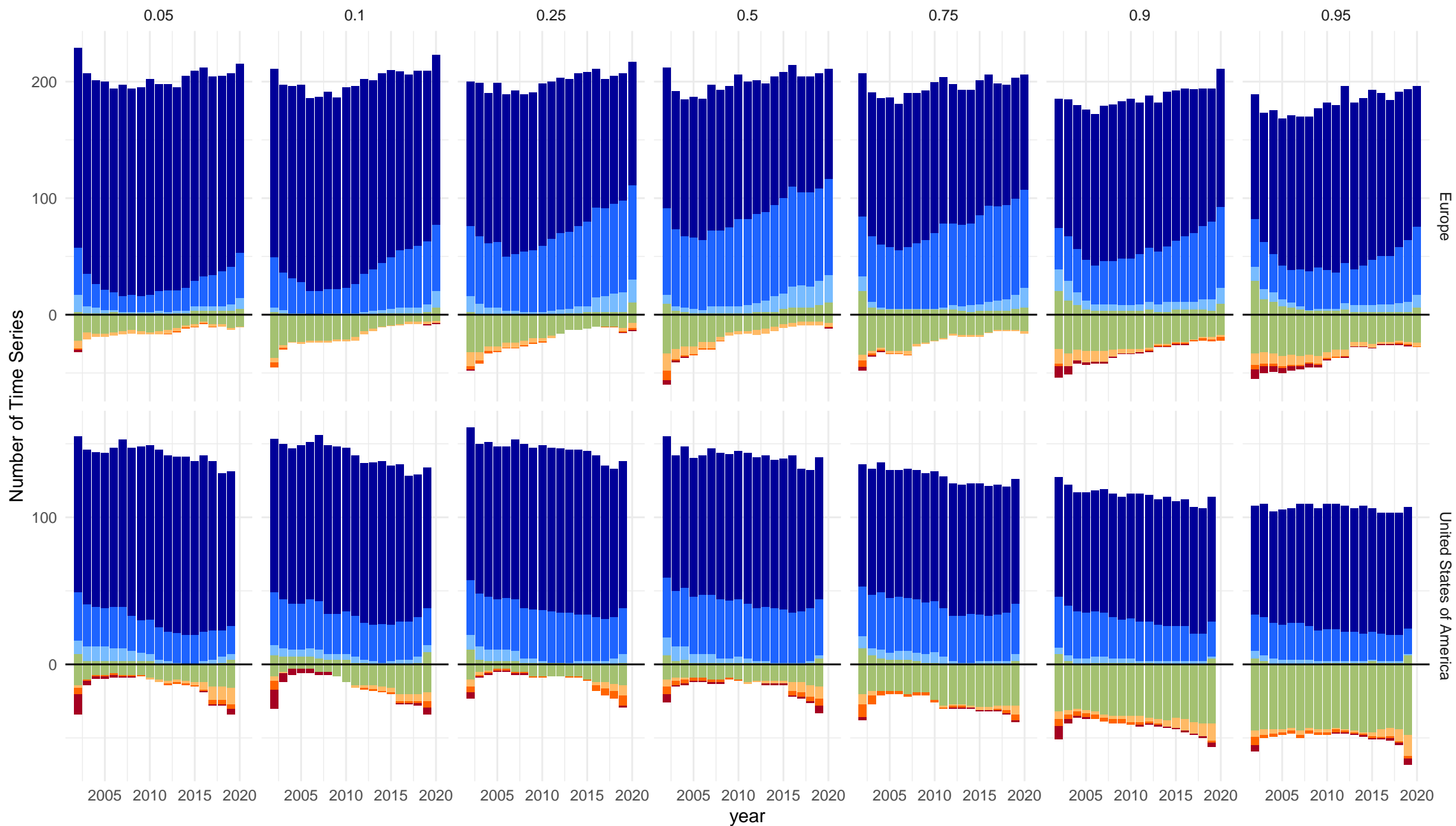


$O_{₃}$



0.05

0.1





0.5





0.9

0.95

Europe

United States of America

 slope ≤ -1
 $-1 < \text{slope} \leq -0.67$
 $-0.67 < \text{slope} \leq -0.33$
 $-0.33 < \text{slope} < 0$

 $0 < \text{slope} \leq 0.33$
 $0.33 < \text{slope} \leq 0.67$
 $0.67 < \text{slope} < 1$
 slope ≥ 1

$O_{x\langle}$

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

