O<sub>3</sub> 0.5 0.05 0.95 ern and Central E 100 Europe Southern Europe 20 Number of Time Series

-20
40
0
-40 Europe stern and Central ted States of Ame -80 60 ted States of Ame stern US and Hav 30 -30 2020 2020 2005 2010 2015 2005 2010 2015 2005 2010 2015 2020 year p <= 0.05 (inc) p > 0.33 (inc) 0.05 (inc)0.10p <= 0.05 (dec) 0.050.10p > 0.33 (dec)

NO<sub>2</sub> 0.05 0.5 0.95 ern and Central E Europe -100-200 -300Southern Europe 0 Number of Time Series Europe -30 -60 -90 20 stern and Central ted States of Ame 0 -20 -40-60 ted States of Ame stern US and Hav 0 -20 -40-60 2005 2010 2015 2020 2005 2010 2015 2020 2005 2010 2015 2020 year p <= 0.05 (inc) 0.05 (inc)0.10p > 0.33 (inc) p <= 0.05 (dec) 0.050.10p > 0.33 (dec)

O<sub>x</sub> 0.05 0.5 0.95 ern and Central E 50 0 Europe -50 -100-150Southern Europe 10 Number of Time Series 0 Europe -10-20 -30 5 stern and Central ted States of Ame 0 -5 -10-15ted States of Ame stern US and Hav 10 0 -10-20 -30 2005 2010 2020 2015 2020 2005 2010 2015 2005 2010 2015 2020 year p <= 0.05 (inc) 0.05 (inc)0.10p > 0.33 (inc) p <= 0.05 (dec) 0.05 < p <= 0.10 (dec) 0.10p > 0.33 (dec)