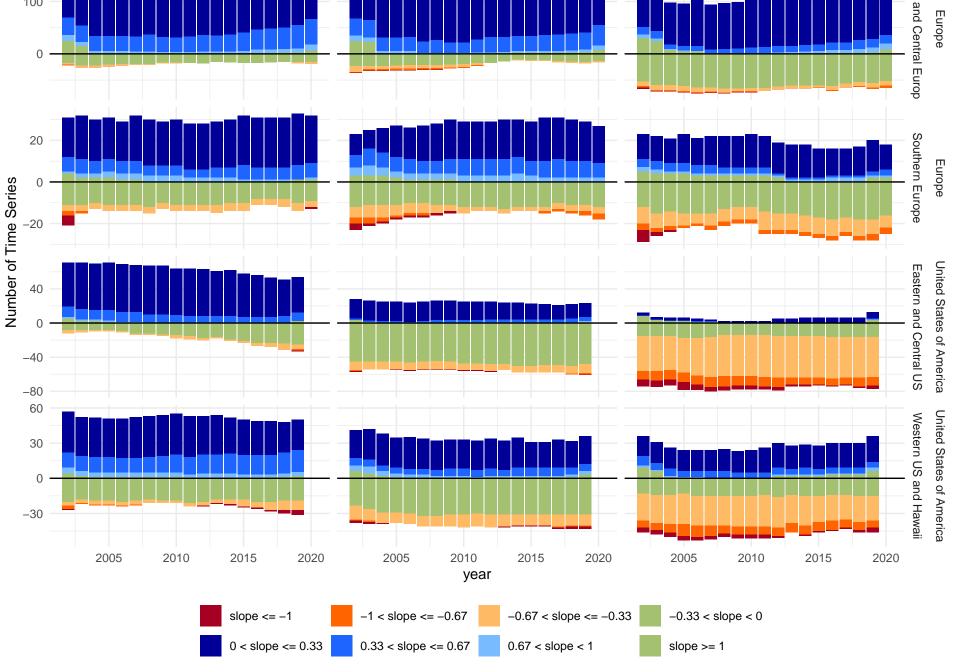
O₃ 0.05 0.5 0.95 Jorthern and Central Europ 100 Europe Southern Europe 20 Europe United States of America Eastern and Central US 40 60 United States of America Western US and Hawaii 30



NO₂ 0.05 0.5 0.95 Jorthern and Central Europ Europe -100 -200 -300 Southern Europe Europe -30 Number of Time Series -60 -90 20 United States of America Eastern and Central US -20 -40-60 United States of America Western US and Hawaii -20 -40-60 2010 2005 2010 2015 2020 2005 2015 2020 2005 2010 2015 2020 year slope <= -1 -1 < slope <= -0.67-0.67 < slope <= -0.33-0.33 < slope < 00 < slope <= 0.330.33 < slope <= 0.67 0.67 < slope < 1 slope >= 1

O_x 0.05 0.5 0.95 lorthern and Central Europ 50 Europe -50 -100-150 10 Southern Europe 0 Europe -10 -20 -30 5 United States of America Eastern and Central US -5 -10-15 United States of America Western US and Hawaii 10 -10-20 -30 2015 2005 2010 2020 2005 2010 2015 2020 2005 2010 2015 2020 year slope <= -1 -1 < slope <= -0.67-0.67 < slope <= -0.33-0.33 < slope < 0

0 < slope <= 0.33

0.33 < slope <= 0.67

0.67 < slope < 1

slope >= 1

Number of Time Series