Title
International trade during a pandemic and other crises: Boon or bane? A structural gravity approach

Authors and affiliations and contact emails
• Daniel Osberghaus, Leibniz Centre for European Economic Research, daniel.osberghaus@zew.de
• Elisa Rottner, Leibniz Centre for European Economic Research, elisa.rottner@zew.de
• Oliver Schenker, Frankfurt School of Finance & Management, o.schenker@fs.de
• Ashish Tyagi, Frankfurt School of Finance & Management, a.tyagi@fs.de

Abstract
We empirically estimate the effects of the Corona pandemic on international trade. One hypothesis is that economies with a high degree of trade diversification are less harmed by pandemic-induced disruptions of trade flows. This analysis will give relevant insights for the management of global supply chain risks not only in times of a pandemic, but also regarding other emerging risks for the international trade system, such as trade wars or natural disasters induced by climate change.

Data description
We use bilateral trade data and data on COVID-19 experience of exporters and importers.

JEL codes for the project
F14, F18

Keywords
International trade; Structural gravity regression; Corona pandemic; Trade diversification; Global supply chains