

Figures

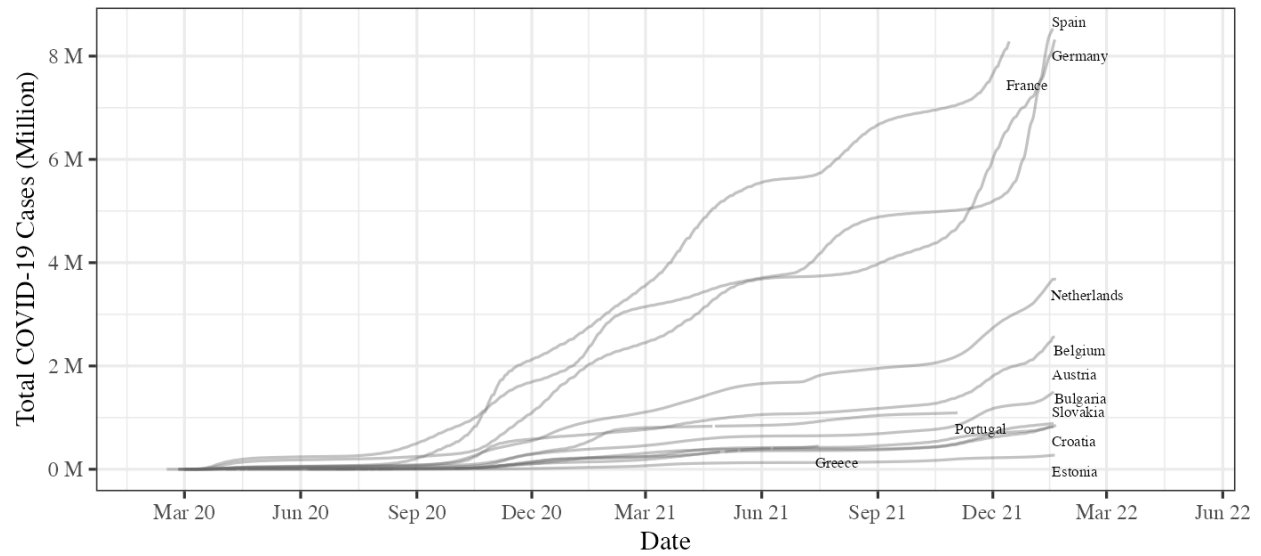


Figure 1: Cumulative COVID-19 cases number for selected European countries since the beginning of the pandemic. Source: COVerAGE-DB (Riffe, Acosta, and COVerAGE-DB team 2021).

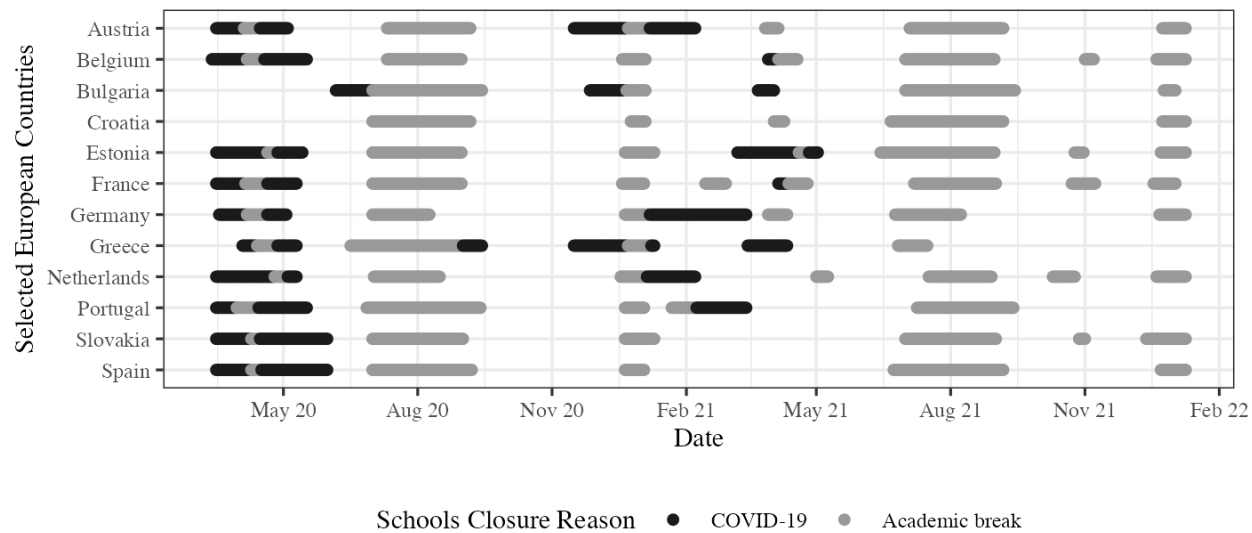


Figure 2: Periods of school closure since the beginning of the COVID-19 pandemic for selected European countries and their reason: regular academic break versus closure due to government decisions. Source: “UNESCO Global Education Coalition” (2022).

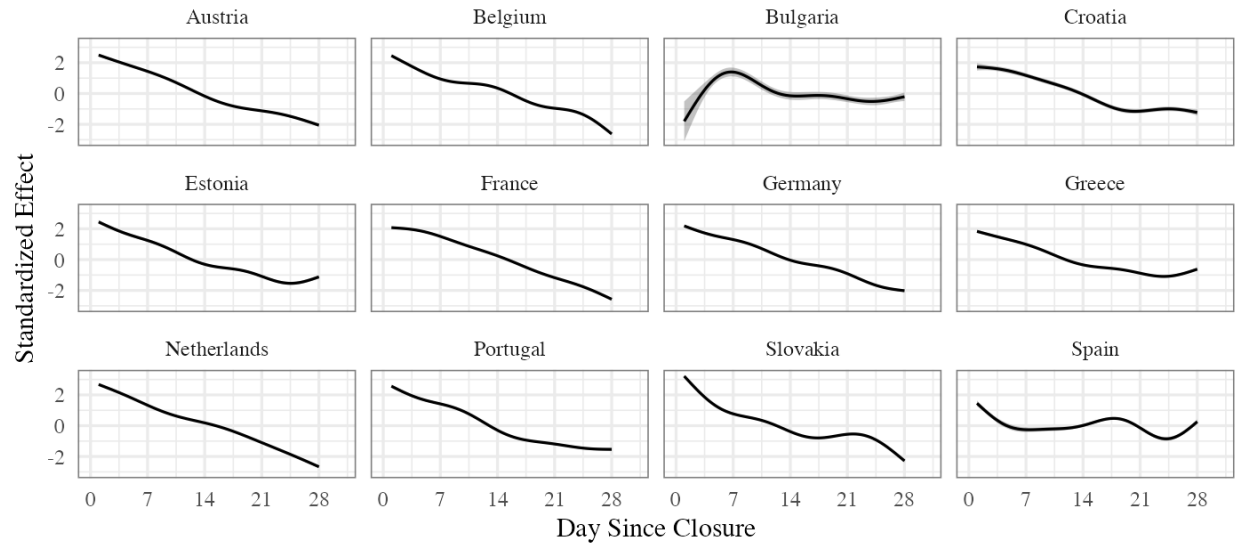


Figure 3: Standardized effect of the smooth term in Generalized Additive Model by country. Standardized effects are reported to compare the shape of the curve between countries.

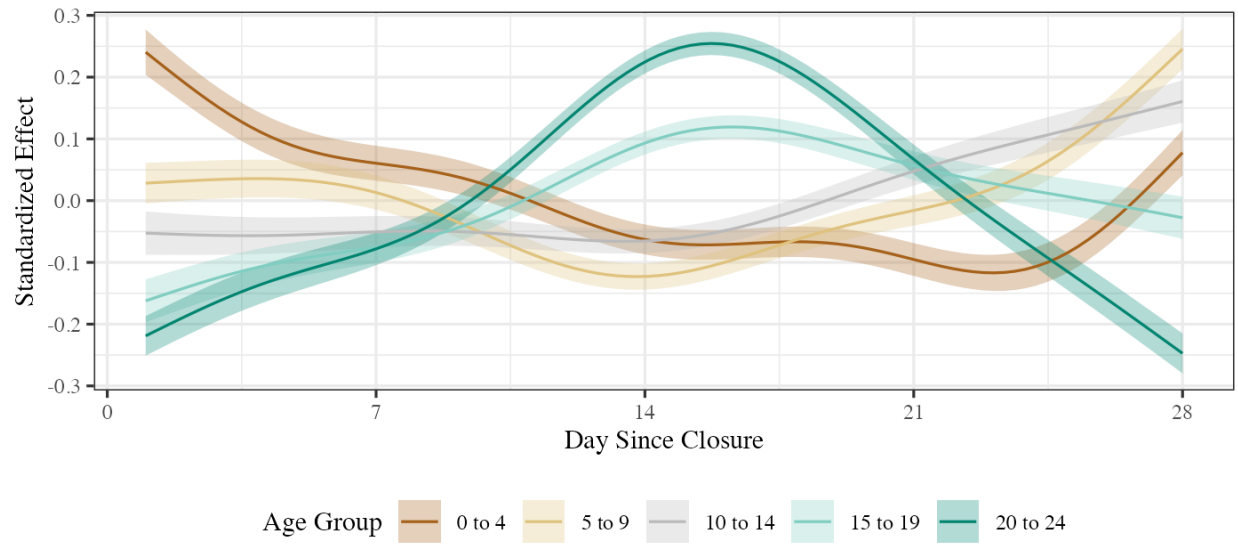


Figure 4: Standardized effect of the smooth term in Generalized Additive Model by age group. Standardized effects are reported to compare the shape of the curve between age groups.

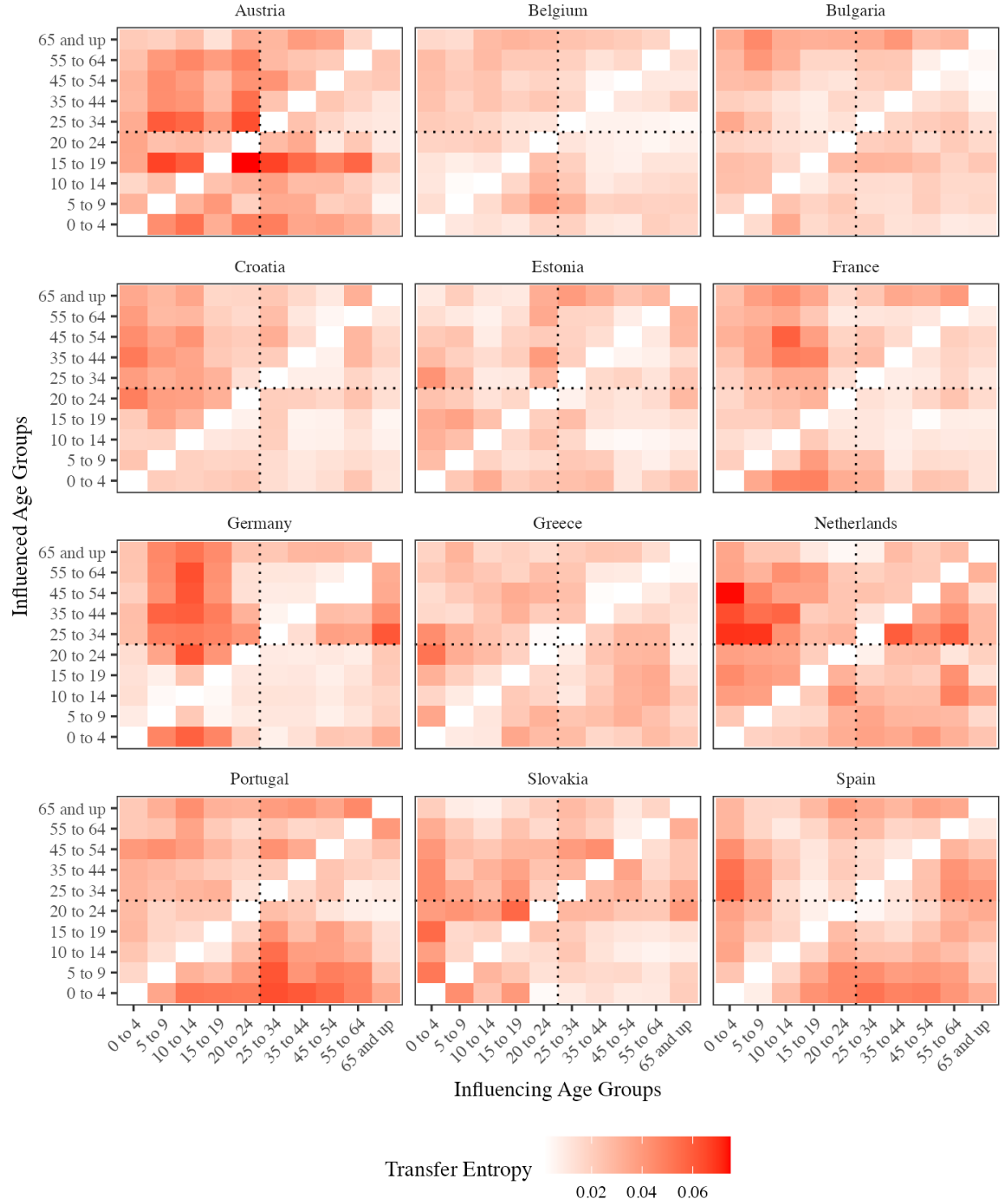


Figure 5: Matrix of Transfer Entropy coefficients according to every age group combination for each of the selected European country. Age groups on the x-axis are influencing the age groups on the y-axis ($ag\ x \rightarrow ag\ y$). The significance of each Transfer Entropy coefficient is provided in Appendix 2.

Riffe, Tim, Enrique Acosta, and the COVerAGE-DB team. 2021. "Data Resource Profile: COVerAGE-DB: a global demographic database of COVID-19 cases and deaths." *International Journal of Epidemiology* 50 (2): 390–390f. <https://doi.org/10.1093/ije/dyab027>.

"UNESCO Global Education Coalition." 2022. <https://en.unesco.org/covid19/educationresponse/globalcoalition>.