References

Abdi, H., & Williams, L., 2010. Principal component analysis. *Wiley Interdisciplinary Reviews: Computational Statistics*, 2. <https://doi.org/10.1002/wics.101>.

Abramowitz, A.I., and K.L. Saunders. 2008. Is polarization a myth? The Journal of Politics 70 (2): 542-555. https://doi.org/10.1017/S0022381608080493

Acemoglu, D., Como, G., Fagnani, F., & Ozdaglar, A., 2010. Opinion Fluctuations and Disagreement in Social Networks. Economics of Networks eJournal. <https://doi.org/10.1287/moor.1120.0570>.

Adams, J., C.E. de Vries, and D. Leiter. 2011. Subconstituency reactions to elite depolarization in the Netherlands: An analysis of the Dutch public’s policy beliefs and partisan loyalties 1986 – 98. British Journal of Political Science 42 (1): 81–105. https://doi.org/10.1017/S0007123411000214Ademmer, E., and T. Stöhr. 2018. Europeans are more accepting of immigrants today than 15 years ago. Evidence from eight waves of the European Social Survey. MEDAM Policy Brief, October, https://www.stiftung-mercator.de/de/publikationen/europeans-are-more-accepting-of-immigrants-today-than-15-years-ago/. Accessed 06 April 2025.

Almustafa, M., 2021. Reframing refugee crisis: A “European crisis of migration” or a “crisis of protection”?. Environment and Planning C: Politics and Space, 40, pp. 1064 - 1082. https://doi.org/10.1177/2399654421989705.

Amelkin, V., Bullo, F., & Singh, A., 2017. Polar Opinion Dynamics in Social Networks. IEEE Transactions on Automatic Control, 62, pp. 5650-5665. https://doi.org/10.1109/TAC.2017.2694341.

Arel-Bundock, V., Enevoldsen, N., & Yetman, C. (2018). countrycode: An R package to convert country names and country codes. Journal of Open Source Software, 3(28), 848. <https://doi.org/10.21105/joss.00848>

Bajomi-Lázár, P., 2019. An anti-migration campaign and its impact on public opinion: The Hungarian case. European Journal of Communication, 34, pp. 619 - 628. https://doi.org/10.1177/0267323119886152.

Barna, I., & Koltai, J., 2019. Attitude Changes towards Immigrants in the Turbulent Years of the 'Migrant Crisis' and Anti-Immigrant Campaign in Hungary. Intersections. https://doi.org/10.17356/IEEJSP.V5I1.501.

Bauer, P.C. 2019. Conceptualizing and measuring polarization: A review. SocArxiv working paper, 12 September, https://doi.org/10.31235/osf.io/e5vp8. Accessed 6 April 2025.

Bíró-Nagy, A., 2021. Orbán’s political jackpot: migration and the Hungarian electorate. Journal of Ethnic and Migration Studies, 48, pp. 405 - 424. <https://doi.org/10.1080/1369183X.2020.1853905>.

Bocskor, Á., 2018. Anti-Immigration Discourses in Hungary during the ‘Crisis’ Year: The Orbán Government’s ‘National Consultation’ Campaign of 2015. Sociology, 52, pp. 551 - 568. https://doi.org/10.1177/0038038518762081.

Bougher, L. (2017). The Correlates of Discord: Identity, Issue Alignment, and Political Hostility in Polarized America. Political Behavior, 39, 731-762. <https://doi.org/10.1007/S11109-016-9377-1>.

Böcskei, B., & Molnár, C., 2019. The radical right in government? – Jobbik’s pledges in Hungary’s legislation (2010–2014). East European Politics, 35, pp. 1 - 20. https://doi.org/10.1080/21599165.2019.1582414.

Bramson, A., P. Grim, D.J. Singer, S. Fisher, W. Berger, G. Sack, and C. Flocken. 2016. Disambiguation of social polarization concepts and measures. Journal of Mathematical Sociology 40 (2): 80–111. <https://doi.org/10.1080/0022250X.2016.1147443>

Cichocki, P., & Jabkowski, P., 2019. Immigration attitudes in the wake of the 2015 migration crisis in the Visegrád Group countries. Intersections. https://doi.org/10.17356/IEEJSP.V5I1.480.

Ciol, M., Hoffman, J., Dudgeon, B., Shumway-Cook, A., Yorkston, K., & Chan, L., 2006. Understanding the use of weights in the analysis of data from multistage surveys. Archives of physical medicine and rehabilitation, 87 2, pp. 299-303. https://doi.org/10.1016/J.APMR.2005.09.021.

Chang, W., Cheng, J., Allaire, J., Sievert, C., Schloerke, B., Xie, Y., Allen, J., McPherson, J., Dipert, A. & Borges, B. (2023). shiny: Web Application Framework for R. R package version 1.8.0. Retrieved from https://CRAN.R-project.org/package=shiny.

Chang, W. & Borges Ribeiro, B. (2021). shinydashboard: Create Dashboards with 'Shiny'. R package version 0.7.2. Retrieved from <https://CRAN.R-project.org/package=shinydashboard>.

Cools, S., Finseraas, H., & Røgeberg, O., 2021. Local Immigration and Support for Anti‐Immigration Parties: A Meta‐Analysis. American Journal of Political Science. https://doi.org/10.1111/AJPS.12613.

De Coninck, D., 2020. Migrant categorizations and European public opinion: diverging attitudes towards immigrants and refugees. Journal of Ethnic and Migration Studies, 46, pp. 1667 - 1686. <https://doi.org/10.1080/1369183X.2019.1694406>.

Di Lillo, M., 2018. The geography of anti-immigrant attitudes across Europe, 2002–2014. Journal of Ethnic and Migration Studies, 138, pp. 1-19. https://doi.org/10.1080/1369183X.2018.1427564.

DiMaggio, P., J.H. Evans, and B. Bryson. 1996. Have American’s social attitudes become more polarized? The American Journal of Sociology 102 (3): 690–755. <https://www.jstor.org/stable/2782461>

Dochow-Sondershaus, S., & Teney, C., 2024. Opinion polarization of immigration and EU attitudes between social classes – the limiting role of working class dissensus. European Societies, 26, pp. 1363-1394. https://doi.org/10.1080/14616696.2024.2312948.

Duclos, J., J. Esteban, and D. Ray. 2004. Polarization: Concepts, measurement, estimation. Econometrica 72 (6): 1737-1772. <https://www.jstore.org/stable/3598766>

Duffy, B., K. Hewlett, J. McCrae, and J. Hall. 2019. Divided Britain? Polarization and fragmentation trends in the UK. King’s College London research report, September, https://www.kcl.ac.uk/policy-institute/assets/divided-britain.pdf. Accessed 07 February 2022.Düring, B., & Wolfram, M., 2015. Opinion dynamics: inhomogeneous Boltzmann-type equations modelling opinion leadership and political segregation. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 471. <https://doi.org/10.1098/rspa.2015.0345>.

Draca, M., and C. Schwarz. 2021. How polarized are citizens? Measuring ideology from the ground-up. SSRN research paper, 11 May, <https://doi.org/10.2139/ssrn.3154431>. Accessed 06 April 2025.

Dražanová, L., & Gonnot, J. (2023). Attitudes toward immigration in Europe: Cross-regional differences. Open Research Europe, 3. https://doi.org/10.12688/openreseurope.15691.1.

Druckman, J.N., E. Peterson, and R. Slothuus. 2013. How elite partisan polarization affects public opinion formation. American Political Science Review 107 (1): 57–79. https://doi.org/10.1017/S0003055412000500

European Social Survey (2024). ESS Data Portal. Retrieved from https://ess.sikt.no/en/?Table=overview

ESS weighting variables (2024). Retrieved from https://www.europeansocialsurvey.org/methodology/ess-methodology/data-processing-and-archiving/weighting

Esteban, J., and D. Ray. 1994. On the measurement of polarization, Econometrica 62 (4): 819-852. https://www.jstor.org/stable/2951734

Evans, J.H., B. Bryson, and P. DiMaggio. 2001. Opinion polarization: Important contributions, necessary limitations. American Journal of Sociology 10 (4): 944–959. <https://doi.org/10.1086/320297>

Farkas, E., 2021. Discussing immigration in an illiberal media environment: Hungarian political scientists about the migration crisis in online public discourses. European Political Science, 21, pp. 95 - 114. https://doi.org/10.1057/s41304-021-00340-y.

Fetzer, J., 2000. Economic self-interest or cultural marginality? Anti-immigration sentiment and nativist political movements in France, Germany and the USA. Journal of Ethnic and Migration Studies, 26, pp. 23 - 5. https://doi.org/10.1080/136918300115615.

Fiorina, M.P., and S.J. Abrams. 2008. Political polarization in the American public. Annual Review of Political Science 11: 563–588. <https://doi.org/10.1146/annurev.polisci.11.053106.153836>

Funk, N., 2016. A spectre in Germany: refugees, a ‘welcome culture’ and an ‘integration politics’. Journal of Global Ethics, 12, pp. 289 - 299. https://doi.org/10.1080/17449626.2016.1252785.

FWU Journal of Social Sciences. Likert Scale in Social Sciences Research: Problems and Difficulties (2022). https://doi.org/10.51709/19951272/winter2022/7.

Gewers, F., Ferreira, G., Arruda, H., Silva, F., Comin, C., Amancio, D., & Costa, L., 2018. Principal Component Analysis. ACM Computing Surveys (CSUR), 54, pp. 1 - 34. <https://doi.org/10.1145/3447755>.

Giovanis, E., Akdede, S., & Ozdamar, O., 2021. Impact of the EU Blue Card programme on cultural participation and subjective well-being of migrants in Germany. PLoS ONE, 16. <https://doi.org/10.1371/journal.pone.0253952>.

Grajdeanu, A., 2023. The demo-economic effects of Germany's migration. Culegere de lucrari stiintifice: Simpozion stiintific al tinerilor cercetatori, vol 1. https://doi.org/10.53486/9789975359023.09.

Grdešić, M., 2019. Neoliberalism and Welfare Chauvinism in Germany. German Politics and Society. https://doi.org/10.3167/gps.2019.370201.

Guide to Using Weights and Sample Design Indicators with ESS Data (2024). Retrieved from <https://www.europeansocialsurvey.org/sites/default/files/2023-06/ESS_weighting_data_1_1.pdf>

Haas, H., Czaika, M., Flahaux, M., Mahendra, E., Natter, K., Vezzoli, S., & Villares-Varela, M. (2019). International Migration: Trends, Determinants, and Policy Effects. Population and Development Review. <https://doi.org/10.1111/PADR.12291>.

Hatton, T., 2016. Immigration, public opinion and the recession in Europe. Economic Policy, 31, pp. 205-246. <https://doi.org/10.1093/EPOLIC/EIW004>.

Heath, A., & Richards, L., 2019. How do Europeans differ in their attitudes to immigration?: Findings from the European Social Survey 2002/03 – 2016/17.

Hebenstreit, J., 2022. Voter Polarisation in Germany: Unpolarised Western but Polarised Eastern Germany?. German Politics, 32, pp. 63 - 84. https://doi.org/10.1080/09644008.2022.2056595.

Hegedüs, D., 2019. Rethinking the incumbency effect. Radicalization of governing populist parties in East-Central-Europe. A case study of Hungary. European Politics and Society, 20, pp. 406 - 430. https://doi.org/10.1080/23745118.2019.1569338.

Helbling, M., Jäger, F., Maxwell, R., & Traunmüller, R., 2023. Broad and Detailed Agreement: Public Preferences for German Immigration Policy. International Migration Review. https://doi.org/10.1177/01979183231216076.

Hester, J. and Bryan, J. (2024) glue: Interpreted String Literals. R package version 1.7.0. Available at: <https://CRAN.R-project.org/package=glue>.

Higgins, M., & Klitgaard, T., 2019. How Has Germany's Economy Been Affected by the Recent Surge in Immigration?

Hoogduin, and C. Hemelrijk, 255–266. Cham: Springer International Publishing. Migration and migrants: A global overview. World Migration Report, 2020. https://doi.org/10.1002/wom3.12.

Hutter, S., & Kriesi, H., 2021. Politicising immigration in times of crisis. Journal of Ethnic and Migration Studies, 48, pp. 341 - 365. https://doi.org/10.1080/1369183X.2020.1853902.

Iyengar, S., G. Sood, and Y. Lelkes. 2012. Affect, not ideology: A social identity perspective on polarization, Public Opinion Quarterly 76 (3): 405-431. <https://doi.org/10.1093/poq/nfs038>

Izak, K. (2021). Changes in the perception of immigration, integration, multiculturalism and threats of Islamic radicalism in certain EU member states. 13, 375-403. <https://doi.org/10.4467/20801335PBW.21.017.13574>.

Kehrberg, J., 2007. Public Opinion on Immigration in Western Europe: Economics, Tolerance, and Exposure. Comparative European Politics, 5, pp. 264-281. https://doi.org/10.1057/PALGRAVE.CEP.6110099.

Kumari, K., & Yadav, S., 2018. Linear regression analysis study. Journal of the Practice of Cardiovascular Sciences, 4, pp. 33 - 36. https://doi.org/10.4103/JPCS.JPCS\_8\_18.

Jamieson, S. (2004). Likert scales: how to (ab)use them. Medical Education, 38. https://doi.org/10.1111/J.1365-2929.2004.02012.X.

pedersen patchwork

Lahav, G., 2004. Public Opinion Toward Immigration in the European Union. Comparative Political Studies, 37, pp. 1151 - 1183. https://doi.org/10.1177/0010414004269826.

Lorenz, J. 2017. Modeling the evolution of ideological landscapes through opinion dynamics. In Advances in social simulation 2015, ed. W. Jager, R. Verbrugge, A. Flache, G. de Roo, L.

Lugosi, N., 2018. Radical right framing of social policy in Hungary: between nationalism and populism. Journal of International and Comparative Social Policy, 34, pp. 210 - 233. https://doi.org/10.1080/21699763.2018.1483256.

Magistro, B., & Wittstock, N., 2021. Changing Preferences versus Issue Salience: The Political Success of Anti-immigration Parties in Italy. South European Society and Politics, 26, pp. 383 - 411. https://doi.org/10.1080/13608746.2021.2009107.

Neis, H., Meier, B., & Furukawazono, T., 2018. Welcome City: Refugees in Three German Cities. Urban Planning. https://doi.org/10.17645/UP.V3I4.1668.

Nordio, A., Tarable, A., Chiasserini, C., & Leonardi, E., 2019. Opinion Dynamics on Correlated Subjects in Social Networks. IEEE Transactions on Network Science and Engineering, 7, pp. 1901-1912. <https://doi.org/10.1109/TNSE.2019.2956861>.

Perrier, V., Meyer, F. & Granjon, D. (2025). shinyWidgets: Custom Inputs Widgets for Shiny. R package version 0.9.0. Retrieved from <https://CRAN.R-project.org/package=shinyWidgets>.

Peshkopia, R., Bllaca, L., & Lika, J. (2018). Individual similarities and regional differences: the impact of 2015 refugee crisis on Europeans’ attitudes toward immigration. European Politics and Society, 23, 660 - 678. https://doi.org/10.1080/23745118.2021.1927375.

Pfeffermann, D., 1996. The use of sampling weights for survey data analysis. Statistical Methods in Medical Research, 5, pp. 239 - 261. <https://doi.org/10.1177/096228029600500303>.

Piguet, E. (2024). THE ASYLUM MIGRATION CRISIS IN THE BALKANS AND ON THE ROAD TO EUROPE: UNFOLDING THE DRIVERS COMPLEX. The 5th Congress of Slavic Geographers and Ethnographers. <https://doi.org/10.46793/csge5.32ep>.

Prantl, S., & Spitz-Oener, A., 2020. The Impact of Immigration on Competing Natives' Wages: Evidence from German Reunification. Review of Economics and Statistics, 102, pp. 79-97. https://doi.org/10.1162/rest\_a\_00853.

Rapp, C. 2016. Moral opinion polarization and the erosion of trust. Social Science Research 58: 34–45. <https://doi.org/10.1016/j.ssresearch.2016.02.008>

Reiljan, A. 2020. ‘Fear and loathing across party lines’ (also) in Europe: Affective polarisation in European party systems. European Journal of Political Research 59 (2): 376–396. https://doi.org/10.1111/1475-6765.12351.

Richmond, A. (2002). Globalization: implications for immigrants and refugees. Ethnic and Racial Studies, 25, 707 - 727. <https://doi.org/10.1080/0141987022000000231>.

Schmidt, K., 2021. The dynamics of attitudes toward immigrants: Cohort analyses for Western EU member states. International Journal of Comparative Sociology, 62, pp. 281 - 310. https://doi.org/10.1177/00207152211052582.

Schmidtke, O., 2024. Migration as a building bloc of middle-class nation-building? The growing rift between Germany’s centre-right and right-wing parties. Journal of Ethnic and Migration Studies, 50, pp. 1677 - 1695. <https://doi.org/10.1080/1369183X.2024.2315350>.

Schmidt-Catran, A., & Czymara, C., 2020. “Did you read about Berlin?” Terrorist attacks, online media reporting and support for refugees in Germany. Soziale Welt. https://doi.org/10.5771/0038-6073-2020-1-2-201.

Schmidt-Catran, A., & Czymara, C., 2022. Political elite discourses polarize attitudes toward immigration along ideological lines. A comparative longitudinal analysis of Europe in the twenty-first century. Journal of Ethnic and Migration Studies, 49, pp. 85 - 109. <https://doi.org/10.1080/1369183X.2022.2132222>.

Schneider, S., 2007. Anti-Immigrant Attitudes in Europe: Outgroup Size and Perceived Ethnic Threat. European Sociological Review, 24, pp. 53-67. https://doi.org/10.1093/ESR/JCM034.

Silva, B.C. 2018. Populist radical right parties and mass polarization in the Netherlands. European Political Science Review 10 (2): 219–244. https://doi.org/10.1017/S1755773917000066Su, X., Yan, X., & Tsai, C., 2012. Linear regression. Wiley Interdisciplinary Reviews: Computational Statistics, 4. https://doi.org/10.1002/wics.1198.

Sunstein, C. 2003. The law of group polarization. In Debating Deliberative Democracy, ed. J.S. Fishkin, and P. Laslett, 80-101. Blackwell Publishing

Slowikowski ggrepel

Teney, C., & Rupieper, L., 2023. A New Social Conflict on Globalisation-Related Issues in Germany? A Longitudinal Perspective. Kolner Zeitschrift Fur Soziologie Und Sozialpsychologie, pp. 1 - 30. https://doi.org/10.1007/s11577-023-00884-5.

Tierney NANIAR

Torres, M., 2019. Public Opinion toward Immigration, Refugees, and Identity in Europe: A Closer Look at What Europeans Think and How Immigration Debates Have Become So Relevant. pp. 70-76.

Tourangeau, R. 2018. The survey response process from a cognitive viewpoint. Quality Assurance in Education. 26 (2): 169-181. <https://doi.org/10.1108/QAE-06-2017-0034>

Vadhanavisala, O., 2020. Radical Right-Wing Politics and Migrants and Refugees in Hungary. European Journal of Social Sciences. https://doi.org/10.26417/ejss-2020.v3i1-89.

Van Der Brug, W., & Harteveld, E., 2021. The conditional effects of the refugee crisis on immigration attitudes and nationalism. European Union Politics, 22, pp. 227 - 247. <https://doi.org/10.1177/1465116520988905>.

Van Hauwaert, S., & Vegetti, F., 2025. Public responsiveness and the macro-origins of immigration opinions across Western Europe. European Political Science Review. <https://doi.org/10.1017/s1755773925000037>.

Vollmer, B., & Karakayali, S., 2018. The Volatility of the Discourse on Refugees in Germany. Journal of Immigrant & Refugee Studies, 16, pp. 118 - 139. https://doi.org/10.1080/15562948.2017.1288284.

Wickham, H., François, R., Henry, L., Müller, K. and Vaughan, D. (2023) dplyr: A Grammar of Data Manipulation. R package version 1.1.4. Available at: https://CRAN.R-project.org/package=dplyr.

Wickham, H. (2016) ggplot2: Elegant Graphics for Data Analysis. Springer-Verlag New York.

Williams, L (2018). Polarization in Contemporary Societies: Causes and Consequences. Routledge

Yaseen, M., Ghayoor, S., Hassan, M., Jabeen, F., Hassan, M., & , S. (2025). The Political Dynamics of Refugee Migration in Europe: Analyzing the Impact of Nationalism, EU Solidarity, and the Dublin Regulation Post-2015 Migrant Crisis. The Critical Review of Social Sciences Studies. https://doi.org/10.59075/ma4tcx41.

Zimmerer, F., 2016. German media on the refugee crisis: how the refugees-welcome campaign has backfired.