I. SPPQ DATA PACKAGE INFORMATION

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Article Title: “Cooperation in polarized legislatures: Learning from the case of the Texas State House of Representatives” (SPPQ-2025-0005.R1)

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II. VARIABLE DOCUMENTATION

A. Codebook for “CoauthorNetwork.xlsx” – This dataset has a row and a column for each of the 148 Representatives included in the network analysis of bill coauthorship. Cell values indicate the number of times that a Representative (last name is in Column A) co-authored a bill 1st authored by each of the other Representatives (last name is in Columns B – ES). This dataset is the basis for calculating the CApartyEI scores and CApartyEIout scores.
   - These data were compiled by the authors from lists of bills Coauthored by each Representative during the 88th Regular session of the legislature (https://capitol.texas.gov/Members/Members.aspx?Chamber=H)

B. “JointAuthorNetwork.xlsx” -- This dataset has a row and a column for each of the 148 Representatives included in the network analysis of bill joint authorship. Cell values indicate the number of times that a Representative (last name is in Column A) signed on as a joint author of a bill 1st authored by each of the other Representatives (last name is in Columns B – ES). This dataset is the basis for calculating the JApartyEI scores.
   - These data were compiled by the authors from lists of bills Authored/Joint by each Representative during the 88th Regular session of the legislature (https://capitol.texas.gov/Members/Members.aspx?Chamber=H)

C. “(Aug14)CLEANRepAttributes.xlsx”
   - RepName – the last name of the Representative, including the first letter of the Representative’s first name if there are 2 or more Representatives with the same last name (e.g. JohnsonA, JohnsonJar, JohnsonJul)
   - Last name -- the last name of the Representative
   - First name – the full first name of the Representative
   - TotalBillsAuthored – the number of bills for which the Representative was the 1st author (source: lists of bills Authored/Joint by each Representative during the 88th Regular session of the legislature https://capitol.texas.gov/Members/Members.aspx?Chamber=H)

- Woman – sex of the Representative (1 = woman, 0 = man) (coded by authors based on pronouns used on the Representatives webpages)
- Race – race/ethnicity of Representative (3 = Asian, 2 = African American, 1 = Hispanic, 0 = white) (coded by authors based on information from the Representatives webpages and when unclear by consulting with contacts in the Legislature)
- White = 1 if Representative is white, 0 = African American, Asian, biracial, Hispanic
- Hispanic = 1 if Representative is Hispanic or biracial, 0 = African American, Asian, white
- Black = 1 if Representative is African American, 0 = Asian, biracial, Hispanic, white
- Asian = 1 if Representative is Asian, 0 = African American, biracial, Hispanic, white
- Party = party label of the Representative
- Democrat = party of Representative (1 = Democrat, 0 = Republican)
- ComChair = 1 if Representative chaired a committee in the 88th legislative session, 0 = not a committee chair (coded based on information from the House webpage https://capitol.texas.gov/Committees/CommitteesMbrs.aspx?Chamber=H)
- FreedomCaucus = 1 if Representative was a member of the Freedom Caucus, 0 = not member (source: https://www.freedomfortexas.com/members/ accessed May 28, 2023)
- WaterCaucus = 1 if Representative was a member of the Water Caucus, 0 = not member (source: https://www.texaswater.org/about-water-caucus accessed May 28, 2023)
- EnergyClimateCaucus = 1 if Representative was a member of the Energy & Climate Caucus, 0 = not member (source: https://www.texasclimatecaucus.com/our-members accessed May 28, 2023)
- ITCaucus = 1 if Representative was a member of the Innovation & Technology, 0= not member (source: https://www.itcaucus.com/members accessed May 28, 2023)
- ChildCaucus = 1 if Representative was a member of the Early Childhood Caucus, 0 = not member (source: https://texashousecc.com/our-members accessed May 28, 2023)
- TermSeniority = the number of terms a Representative had served in the House (range 1 to 19) (source: https://lrl.texas.gov/legeLeaders/members/88thHouseSeniority.pdf accessed May 28, 2025)