Procedure for Anderson Habel Replication and Extension of Groseclose, Levitt, and Snyder (1999)

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- Necessary Files

    1. Save the following Matlab files to a folder: `icremed`, `icremedhouse`, `icrerea`, `icrerea-acu99`, `igeta`, `igetab`, `igetans`, `igetb`, `igetbb`, `igetbns`, `igeti`, `igetl`, `igetsig`, `igetti`,`igetxns`, `iiter`, `ildc7199`, `isetupacu99`, `store`
    2. Save the following user created .txt files to the same folder: interest group file [henceforth `igfile`]
    3. Concerning `igfile`:
        (a) Make separate file of each interest group score with four columns. Columns must be in the following order: year, chamber, an identification number for each member (e.g. ICPSR member code), interest group score. Do not use column labels.
        (b) Delete any rows with missing values.
        (c) Save `igfile` in the folder with the Matlab files.

- Setup for Matlab Files

    1. In `isetupacu99.m`:
        (a) On line 25: Set `OptStep` to 1. This is the default.
        (b) On line 24: Set `IterSteps=1000` (The number of iterations needs to be sufficiently large so as to reach the point where OptStep divides by 0; the precise number of iterations is not important.)
    2. In `ildc7199.m`:
        (a) On line 17: Change `BeginYear` to be first year of the score
        (b) On line 21: Change `HEndYear` to be the last year of the score
        (c) Rewrite line 44: `load igfile.txt; ada = igfile; clear igfile.dat;`
        (d) Make sure that the base year is properly identified. Change `BaseYear =` if necessary.
        (e) Save these files.

- Working in Matlab

    1. Change your directory to the folder where the files are saved.
    2. Type `isetupacu99` in the command screen.

3. Type `iiter`.
4. Run the estimation until Matlab displays an error stating that it has divided by zero.
5. In the directory window, open the newly created file `A` and `B`, which list the the a and b parameter estimates in chronological order beginning with the House and followed by the Senate.
6. Copy and paste these a and b estimates into a new file such as an Excel spreadsheet.
7. Use the formula on page 35 of GLS (1999) to calculate adjusted interest group scores.