

### **Steps to reproduce the estimations results (Stata do.file)**

- a. Data should be stored in panel format in excel
- b. Import data into Stata, store/save into Stata format
- c. Create the geographical weight matrix and stored them in Stata format
  - i. Load data, Stata format (Line 4)
  - ii. Set your data in a panel format in Stata (Line 5-6)
  - iii. Install the spatial weight matrix packages (Line 7)
  - iv. Geographical distance matrix (Line 11-13)
- d. Create the financial and economic distance matrices and stored them in Stata format
  - i. FDI distance matrix (Line 37)
  - ii. Trade distance matrix (Line 39)
  - iii. Debt distance matrix (Line 41)
  - iv. PPP distance matrix (Line 43)
  - v. UIRP distance matrix (Line 45)
- e. Export the matrices to excel and manually change the diagonal into zero (Line 49-53)
- f. Import the modified (weight) matrices back into Stata (Copy data in excel file and paste into Stata), store them
- g. Create the spatial matrices
  - i. Debt (Line 60-63)
  - ii. FDI (Line 82-85)
  - iii. Trade (104-107)
  - iv. PPP (126-129)
- h. Estimation of the dynamic Spatial Durbin Model (SMD)
  - i. Load data, Stata format (Line 16)
  - ii. Set data in panel format (Line 18)
    - \*\* Using Geographical weight matrix (Line 20-26)
    - \*\* Using Debt weight matrix (Line 66-76)
    - \*\* Using FDI weight matrix (Line 81-98)
    - \*\* Using Trade weight matrix (Line 110-120)
    - \*\* Using PPP weight matrix (Line 125-142)
    - \*\* Using UIRP weight matrix (Line 146-163)

**Note: Raw data available upon request**

