## EDGAR GHG emissions data for countries (totals)

* 1. Read excel sheets ‘CO2’, ‘CH4’, ‘N2O’, ‘Fgas’ in the file ‘19-06-14-v2fin-EDGAR GHG FT2017, main tables for IPCC.XLSX'
  2. For each gas (CO2, CH4, N2O, Fgas)
     1. Remove rows 1-9
     2. Remove columns 58:end
     3. Remove rows 1718:end (Fgas only)
     4. Gather 1970:2017 into columns Year and Value
     5. Group by ISO\_A3, Year and IPCC.detailed (sector category)
  3. Merge each gas (CO2, CH4, N2O, Fgas) into a single dataframe
  4. Global warming potential (GWP) transformations
     1. ???
  5. Create new column as sum of CO2, CH4, N2O and Fgas by Country and Year, ignore NAs
  6. Join region groupings from World Bank income classification
  7. Plot GHGs by region