

Dear CLEA Team,

Below is a small, generalized list of the tasks and accomplishments I have contributed to the CLEA Presidential Data project. This list serves as a pseudo-memo, where more information on specific elections/years cleaned to CLEA, as well as nationalization measures completed, are included in the spreadsheet with file name “**clea\_presdata\_exhaustive\_sami\_simon.xlsx**”; moreover, all applicable source files, clean-to-CLEA files, nationalization scripts and outputs, etc... are all included in the file named “**clea\_presdata\_summer2020**”.

- Election countries and year ranges (table in aforementioned exhaustive list) have been cleaned-to-CLEA utilizing **R**;
- The vast majority of data cleaned this summer was provided to me by a colleague of Profs Kollman & Hicken, yet some supplementary data was found (i.e., korean presidential data, uruguayan vote totals); sources for said data are included in the aforementioned exhaustive sheet;
- Note: data for Round 1 of the Colombian 2010 Presidential election was found and downloaded in scanned pdf format; this data is available, both in source in the exhaustive list and individual folder, downloaded (“**clea\_presdata\_summer2020/unclean\_data/colombia2010r1\_pdffs**”); this data requires a skilled scraper or individual with scanned pdf knowledge as it exists in an unfortunate format;
- Also included in that list are data cleaned by Samantha Ilagan (Sami), which was utilized for nationalization measures computed by me;
- Nationalization script from Fabricio Vasselai was utilized and incorporated into a larger script, which takes clean-to-CLEA data and pipes it into the nationalization function; moreover, this script created by me aggregates the nationalization output for easier future implementation;
  - This script/source code is in the “**clea\_presdata\_summer2020/nationalization**” folder, where a README.txt exists with instructions and important documentation;
- Finally, a decent amount of time was spent attempting to debug CLEA Release code, but was ultimately solved by Julia Lippman, PhD;

Any questions on the following accomplishments/documentation/missing data are certainly welcome at any time. I have attempted to make the nationalization implementation as informative as possible, but there will clearly be questions, which are always welcomed to be asked/addressed via email ([pagesim@umich.edu](mailto:pagesim@umich.edu)).

Thank you for providing me with a great opportunity and an interesting project to contribute my data skills. I greatly enjoyed gaining this experience, and I hope that I will be able to work closely in this field in my future career.

Thanks again,  
Simon Page