**Appendix contains the following documents:**

1. **Work flow**
2. **Data dictionary**
3. **Naming protocol**
4. **Data Management Plan (with instructions for accessing data)**
5. **Link to google drive with codes and additional documentation**

**Data Management Plan**

**Data Collection**

**What data will you collect or create?**

I will use data from Demographic and Health Surveys about Haiti. The DHS periodically conducts very detailed household-level surveys. I will use the Stata-compatible version of this data in order to efficiently manage the thousands of variables and observations in each round of surveys. I will use “Individual Recode” (female household member) data from 2012-2013 and 2016.

**How will the data be collected or created?**

This data must be downloaded directly from the DHS website after registering and creating a project. Data must be requested for each project.

**Documentation and Metadata**

**What documentation and metadata will accompany the data?**

I will rename this data to facilitate analysis. See the corresponding data\_dictionary to see how variables were renamed. In my documentation, I have also included a flow chart and list of steps that can be followed do reproduce my findings.

I have also made my .do files available so that my process can be validated by others.

**Ethics and Legal Compliance**

I will comply with the following DHS terms of use:

* Agree to use the requested data only for the registered research or study.
* gree to submit a new research project request if I want to use the data for another purpose (using the “Create a New Project” link in my DHS user account).
* Agree that the datasets will not be shared with other researchers without the written consent of The DHS Program.
* Agree to keep the data files in a secure location where they cannot be accessed by unauthorized users.
* Agree to treat all data as confidential, and to make no effort to identify any individual, household, or enumeration area in the survey.
* Agree that no results will be published in which communities or individuals can be identified.
* Agree that the data will not be used for any marketing or commercial venture.
* Agree to submit a copy of any reports/publications resulting from using the data files to: references@dhsprogram.com.

**Storage and Backup**

**How will the data be stored and backed up during the research?**

I will store my data on my personal laptop and back up my files biweekly. I will also store my project in a private Google Drive folder.

**Selection and Preservation**

**Which data are of long-term value and should be retained, shared, and/or preserved?**

All of this data is of long-term value and should be maintained by DHS for future use.

**Responsibilities and Resources**

**Who will be responsible for data management?**

DHS is responsible for maintaining and managing their data. I will only be responsible for maintaining the data I have downloaded for my personal use for this project.

**Data Retrieval**

1. Register to use DHS data sets at <https://dhsprogram.com/data/new-user-registration.cfm>
2. Request data for Haiti
   1. This request is usually processed in 1-3 business days
3. Download 2016-2017 Standard DHS data, Individual Recode ( [HTIR70DT.ZIP](https://dhsprogram.com/customcf/legacy/data/download_dataset.cfm?Filename=HTBR70DT.ZIP&Tp=1&Ctry_Code=HT&surv_id=503&dmode=normal))
4. Download 2012 Standard DHS data, Individual Recode ([HTIR61DT.ZIP](https://dhsprogram.com/customcf/legacy/data/download_dataset.cfm?Filename=HTBR61DT.ZIP&Tp=1&Ctry_Code=HT&surv_id=368&dmode=normal))
5. Rename raw data folders as haiti\_2016 and haiti\_2012, respectively
6. In haiti\_2016, HTIR61FL.DTA >rename> 1.0\_haiti\_2016.DTA
7. In haiti\_2012, HTIR70FL.DTA >rename> 1.0\_haiti\_2012.DTA

**Work Flow**

**A screenshot of a cell phone

Description automatically generatedData Dictionary**

**Data Organization**

Organization:

* Folders organized by data type (i.e. pdfs in theory, data in raw\_data and other folders)
* Using .do files to record code
* Using file version aspect of Google Drive to update files

Naming protocol:

* Use  \_underscores\_ to denote spaces
* Pdfs follow “lastname\_year of publication\_titleinastring”
  + “bongaarts\_2006\_thecauasesofstallingfertilitytransitions.pdf”
* Include version#\_country\_year\_thing
  + “4.1\_haiti\_2016\_process”