**Children & Families in the Developing World:**

**Analyzing Household Surveys**

Dr. Sarah Reynolds

**Lab 6**

1. Link the size of each household to each individual observation
2. Find average z-score of height for each household size (that has children under age 5). Are there any patterns that emerge? (Bonus: find the confidence intervals as well as the average)
3. Find percent of household in the following categories. Link these to each individual observation.
   1. Children < 5 years
   2. Males 6-18 years
   3. Females 6-18 years
   4. Males 19-54 years
   5. Females 19-54 years
   6. Adults 56+ years
4. Are 15-year-old girls more likely to be enrolled/delayed than 15-year-old boys when there are children under 5 in the household? How about when there are adults 56+ in the household
5. Link mother’s education & father’s education to each child. Is mother’s education or father’s education more correlated with child height? Provide a data visualization.
6. Email me your data as a csv file when complete so I can check your new variables!