

Please complete the following short assignment in R or STATA. Make sure to comment and label code so that it is legible and understandable for an outside party.

Data is in Box, downloading Box onto your computer may be helpful for access. The access link is here: <https://vanderbilt.box.com/s/eaih8djba6g6lm6heauxoqpkaxmbvvv2> it is the awh\_recoded 09-01-23 file.

#### Task

1. Create a table summarizing the average value and standard deviation for the following values, stratifying the table by respondent sex (age, single, enrolled in school [inschool], ARV start, ARV duration, have had sex [lifetime])
2. Create a multivariate logit regression to identify what predicts ever having talked to a friend about HIV (hiv\_talk\_friend) and generate a regression table. You may select relevant variables, make sure to balance controls and overspecification.
3. Create a plot demonstrating your findings, this may be a coefficient plot, predicted probabilities chart for a key variable, or other visualizations of the relationship.

Please upload your code [here](#) before Jan. 10th. Please label the file with your name.

For any questions please contact Sarah Sowell at [sarah.e.sowell@vanderbilt.edu](mailto:sarah.e.sowell@vanderbilt.edu)