#### Descriptive analysis example###

### t test for continuous variables###

ttest age, by(migration)

### chi-square or exact test for categorical variables###

tab marriage migration, chi2 exact

###logistic regression for our study####

logistic migration orientation ib2.firstsex\_condom ib0.UAI mul\_partner femalesex hiv\_sti\_testing service\_access knowledge\_group hiv\_syphilis age income edu

####likelihood ratio test for interaction term###

lrtest model1 model2

#model1 is the model with interaction term, model2 is the model without interaction term#

####likelihood ratio test for interaction term###

graph bar (mean) hiv\_syphilis, over(migration) over(age\_group)