

```

*****
***** Solutions for Topic 4*****
*****
global main_loc "/Users/gesun/Desktop/Bootcamp2023/04_Regression/Class_Exercise"
global data "$main_loc/data"
global logfile "$main_loc/log_files"

clear
clear all
set more off
capture log close

log using "$logfile/topic4.log", replace

// Dataset using: *replication folder*

// 1. Run the 0_master_run before "PART 4: FINAL INDEX GENERATION AND ANALYSIS ". (The
next line should be: do "$do/04a_merge_indices.do")
// 2. Find the corresponding "04a_merge_indices.do" do file. Run through all the codes
**before** "ENDLINE 2 PRIMARY OUTCOMES: INDICES". This should give you some of the
final index and related variables that you need. Save the dataset.(Set the path first,
then "save xxxx.dta, replace")

use "$data/regression.dta",clear // This dataset should be the results after finishing
the first step in the questions. You can find it in the "Data" folder.

drop _*

reg E_Sgender_index2_ni_nd B_treat B_Sgender_index2
est store M1

reg E_Saspiration_index2_ni_nd B_treat B_Saspiration_index2_ni
est store M2

reg E_Sbehavior_index2_ni_nd B_treat B_Sbehavior_index2_ni
est store M3

esttab M1 M2 M3, b(2) se(2) r2 label
outreg2 using "$logfile/simple_reg_results", word label dec(3)

log close

```