# Subject: Re: Recalculating and comparing Wealth Index for Côte d'Ivoire 

 Posted by Bridgette-DHS on Mon, 24 Aug 2020 21:07:07 GMTView Forum Message <> Reply to Message

## Following is a response from DHS Research \& Data Analysis Director, Tom Pullum:

The Stata lines listed below will do this. You should just need to change the paths. I have included some comments. The trickiest part is that you must extract v001 and v002 (or hv001 and hv002), which are numeric, from whhid, which is a string. This involves the substring and destring commands. The program shows how to do this. Let us know if you still have problems. Good luck!
set more off
use "C:IUsersL26216\ICF\Analysis - Shared ResourcesIData\DHSdatalCIWI3AFL.DTA" , clear rename wlthindf v 191
rename wlthind5 v190
list whhid if _n<=20, table clean describe whhid

* hhid is a 12 -column string that includes v001 and v002
* need to break them out; to do that we need to find which column is which
local li=1
while 'li'<=12 \{
gen col_`li'=substr(whhid, 'li',1)
local li= $=1 l^{\prime}+1$
\}
list whhid col_* if _n<=20, table clean
* apparently v001 is columns 8-10 and v002 is columns 11-12 drop col_*
gen v001=substr(whhid, 1,10 )
gen v002=substr(whhid,11,2)
destring $\mathrm{v}^{*}$, replace
sort v001 v002
* must save this file somewhere
save e:IDHSIDHS_datalscratch\CIWItemp.dta, replace
use "C:IUsersl26216IICF\Analysis - Shared Resources\Data\DHSdatalCIIR3AFL.DTA" , clear
* check the number of women in this file for later comparison
codebook v000
* there are 3040 women
sort v001 v002
* I prefer the "old" version of merge but this is a many: 1 merge because there can be more
* than one woman per household
merge v001 v002 using e:\DHS\DHS_data\scratch\CIWItemp.dta tab _merge
* _merge=2 for 524 households that have no members in the IR file; drop them
* There are 3040 women with _merge=3, same as the number in the IR file
drop if _merge==2
drop _merge
save e:\DHS\DHS_data\scratch\CI3AFL_with_WI.dta, replace tab v190
* I have checked and this file is ok, but I am surprised that the distribution of
* women across wealth quintiles is so uneven.

