Hello Ugonna,

Thank you for your question. The Albania 2017 used different variable for the pentavalent or dpt vaccine. So instead of h3 it should be h51, h5 should be h52, and h7 should be h53. Also you need to drop children that are h1==0. The code for the changes you need to the CH_VAC.do file are bellow. You can make those changes then run the rest of the code without changes. After these changes I get a match of 75% for all basic vaccinations and 0.2 for no vaccinations for children 12-23 (458 children) using this code.

I did not understand your questions about combining ch_allvac_either and ch_novac_either. Do you mean you want a variable that has three categories of : 1. all basic vaccinations, partially vaccinated, and no vaccinations? I suggest a crosstab of these two variables to understand what you are looking for.

Hope this helps.

Best,
Shireen Assaf
The DHS Program

Stata code:

gen age=b19

*** Two age groups used for reporting.
 * choose age group of interest
 *
 gen agegroup=0
 replace agegroup=1 if age>=12 & age<=23
 */

 /*
 gen agegroup=0
 replace agegroup=1 if age>=24 & age<=35
 */

* selecting children
keep if agegroup==1
keep if b5==1

*For Albania 2017 survey
drop if h1==0

*** Pentavalent ***

```
//DPT 1, 2, 3 either source
recode h51 (1 2 3=1) (else=0), gen(dpt1)
recode h52 (1 2 3=1) (else=0), gen(dpt2)
recode h53 (1 2 3=1) (else=0), gen(dpt3)
gen dptsum= dpt1+dpt2+dpt3
```