Thank you for the feedback on how to create the "family structure". In my study, my supervisor has asked me to consider the individual file (women recode) only. Which means I am creating an outcome variable "family structure' for women age 15-49 only categorised as:

single family: a woman alone taking care of biological children
Nuclear family: a woman staying with her husband alone or with of children
Extended family: a woman alone or with her husband taking care of children including other members like grandmother, unlce, aunt, grandson etc.

Below is what I have tried to come up with and I am not sure if it is the right thing:

GENERATING DEPENDENT VARIABLE "FAMILY STRUCTURE"/

***Categories: "Sinlge Family", "Nuclear Family" and "Extended Family"

***Tabulating and checking children ever born*/
rename v201 child_ever_born
ta child_ever_born
ta child_ever_born, m nol

***Tabulating and checking current marital status*/
rename v501 marital_status
ta marital_status
ta marital_status, m nol

***Tabulating and checking relationship to household head*/
rename v150 relationship_hhead
ta relationship_hhead
ta relationship_hhead, m nol

***Generating single_family_structure*/
 gen fsm=0
replace fsm=1 if marital_status==0|marital_status==3|marital_status==4|marita
l_status==5&child_ever_born!=0
replace fsm=2 if marital_status==1|marital_status==2&child_ever_born!=0
replace fsm=3 if fsm==0|relationship_hhead==3|relationship_hhead==4|relations
hip_hhead==5|relationship_hhead==6|relationship_hhead==7|rel
ationship_hhead==8|relationship_hhead==9|relationship_hhead=
=10|relationship_hhead==11|relationship_hhead==12&child_ ever_born!=0
ta fsm