```
***********************
* INCOME CONCEPTS: merging together
use "${simulationData}\05 ${countryName} ${simulationName} ${dem PY}.dta"
merge 1:1 hhID memberID using "${simulationData}\06 ${countryName} ${simulationName}
> ${mkt inc PY}.dta", nogen
merge 1:1 hhID memberID using "${simulationData}\07 ${countryName} ${simulationName}
> ${ssc dir tax PY}.dta", nogen
merge 1:1 hhID memberID using "${simulationData}\08 ${countryName} ${simulationName}
> ${pens dir trans PY}.dta", nogen
merge m:1 hhID using "${simulationData}\09 ${countryName} ${simulationName} ${indir
> tax PY}.dta", nogen
merge 1:1 hhID memberID using "${simulationData}\10 ${countryName} ${simulationName}
> ${indir subcidy PY}.dta", nogen
merge 1:1 hhID memberID using "${simulationData}\11 ${countryName} ${simulationName}
> ${inkind trans PY}.dta", nogen
global program list
foreach aggregate in market income $comp list {
       foreach var in $`aggregate' {
               mvencode `var', mv(0) override
               global program list ${program list} `var'
       egen double `aggregate' = rowtotal(${`aggregate'})
}
label variable market income "MARKET INCOME"
label variable SSC "SOCIAL CONTRIBUTIONS"
label variable direct taxes "ALL DIRECT TAXES OTHER THAN SOCIAL CONTRIBUTIONS"
label variable pensions "CONTRIBUTORY PENSIONS"
label variable direct_transfers "DIRECT TRANSFERS AND NON-CONTRIBUTORY PENSIONS"
label variable indirect taxes "INDIRECT TAXES"
label variable indirect subsidies "INDIRECT SUBSIDIES"
*label variable health "INKIND HEALTH"
*label variable education "INKIND EDUCATION"
gen double net market income = market income + direct taxes + SSC
label variable net market income "NET MARKET INCOME"
gen double market pens income = market income + pensions + SSC
label variable market pens income "MARKET INCOME PLUS PENSIONS"
gen double gross_income = market_income + direct_transfers + pensions
label variable gross income "GROSS INCOME"
```

```
gen double disposable income = market income + direct transfers + pensions + direct
> taxes + SSC
label variable disposable income "DISPOSABLE INCOME"
assert abs(disposable income - (market pens income + direct transfers + direct taxes
> )) < 10^{(-9)}
assert abs(disposable income - (net market income + direct transfers + pensions)) <
> 10^{(-9)}
assert disposable income == gross income + direct taxes + SSC
gen double consumable income = disposable income + indirect subsidies + indirect tax
> es
label variable consumable income "CONSUMABLE INCOME"
gen double final income = consumable income /*+ health + education*/
label variable final income "FINAL INCOME"
*converting individual-level data to average per capita values
foreach var in $income list {
   rename `var' `var' ind
       bysort hhID: eqen `var' hh=total(`var' ind)
        gen `var' = `var' hh / \overline{h}h size
        assert `var' >= \overline{0}
       drop `var'_ind `var'_hh
}
/* Delete the immediate 2 line codes below under "drop" since they are Yared's tempo
> addition */
drop if missing(hhID)
drop if missing(memberID)
isid hhID memberID
keep hhID memberID ${dem_list} ${income_list} ${comp_list} ${program_list}
order hhID memberID ${dem list} ${income list} ${comp list} ${program list}
save "${postSimulationData}\12 ${countryName} ${simulationName} ${output inc concept
> s}.dta", replace
```