corresponding file. This name will also be used to create and name a new output window with the results from this analysis.

9. Click on the Start SPSS button to create the SPSS syntax file and open it in an SPSS syntax window ready for execution. The syntax file must then be executed by opening the Run menu of the syntax window and selecting the All menu option. Alternatively you can also submit the code for processing with the keystrokes Ctrl+A (to select all), followed by Ctrl+R (to run the selection). The IDB Analyzer will give a warning if it is about to overwrite an existing file in the specified folder.

Figure 15 shows the IDB Analyzer Setup Screen for this analysis, Figure 16 shows the SPSS Syntax file created by the IDB Analyzer. SPSS output obtained from SPSS, Excel files and SPSS files with the results from the analysis can be found in the Examples folder.

The SPSS output from the analysis displays unweighted and weighted descriptive statistics for all the variables in the linear regression model, model statistics, and weighted statistics for the predictors and linear regression coefficients.

## EA ER Analyzen Analysis Module - (Version 3.2.0) ----O Analysis File: Champ/3DB Analyser/Examples/Morged\_FIRES\_Data.sav Select a Statistic Type Plausible Value Option: Missing Data Option: Number of Decima • Use PVs + Listwise PIRLS (Using Student Weights) + Regression • 2 Select Variables: Grouping Variables I Exclude Missing From Analysis DONTR \*COUNTRY ID\* Independent Variables ASBGODA GEN/DATE OF BIRTH/MONTH **Categorical Variables** ASBG028 GEN/DATE OF BIRTH/YEAR ASSIGN GEN/OFTEN SPEAK <LANG OF TEST > AT HOME 4 3 SASBG04 GENVAMOUNT OF BOOKS IN YOUR HOME . 3 ASB Du ty Cox ASBGOSA GEN/HOME POSSESS/COMPUTER ASBGOSB GEN/HOME POSSESS/STUDY DESK ous Variables CALASSOCIEC. GEN/HOME POSSESS/BOOKS ASINGOSD GENHOME POSSESS/OWN ROOM ASBGSCR \*STUDENTS CONFIDENT IN THEIR R. ASBGOSE GEN/HOME POSSESS/INTERNET CONNECTION ASSIGN GEN/HOME POSSESSI «COUNTRY SPECIFIC» Plausible Values ASBGOSG GEN/HOME POSSESS\<COUNTRY SPECIFIC> ASBGOSH GEN/HOME POSSESSI,«COUNTRY SPECIFIC) ASBGOST GEN/HOME POSSESSI/<COUNTRY SPECIFIC> a associate GEN/HOME POSSESS\<COUNTRY SPECIFIC> ble: 👘 Non Plausible Value 💷 Plausible Valu SASAGASK GEMHOME POSSESS «COUNTRY SPECIFIC» ible Values ASBGOGA GEN/HOW OFTEN/USE COMPUTER/HOME SASBGOKS GEN/HOW OFTEN/USE COMPUTER/SCHOOL ASBGORC GEN/HOW OFTEN/USE COMPUTER/OTHER LASRREADL-05 1ST TO STH PLAUSIBLE VALUE: OV. ASBGOTA GEN/HOW OFTEN/HOME/PARENTS ASK LEARS GEN/HOW OFTEN/HOME\TALKING ABOUT SCHOOL ASBGOTE Weight Variable "TOTAL STUDENT WEIGHT" O Output Files: ChTemp/IDB Analyzer/Examples/LinearRepre-Modify Return to Main Menu Help Start SPSS RES (Using Student Weights) Regression Use PVs plamen.mirazchiyski

## Figure 15: Analysis Module Setup for Computing Linear regression with Plausible Values