Hello All,

All the provided datasets currently were in the Excel (xlsx) files. We already knew that in order to read Excel file to SAS, we used such the procedure:

*PROC IMPORT OUT=WORK.FITNESS*

*DATAFILE="../Data/bstt401dta.xlsx"*

*DBMS=XLSX REPLACE;*

*RANGE="fitness$A1:G33";*

*GETNAMES=YES;*

*RUN;*

Imagine that we received 1 Excel file with multiple tabs. Instead of writing many code lines to read data into SAS, we just need to use libname XLSX engine, such that:

**libname bstt401 XLSX "../Data/bstt401dta.xlsx";**

To discover data member in the library bstt401dta:

proc datasets lib=bstt401; quit;

Then do what next procedures you want to, using the libname and (tab) dataset within this libname, for example:

*proc contents data=bstt401.fitness varnum; run;*

*proc univariate data=bstt401.starbucks;*

*var calories;*

*hist calories;*

*run;*

*PROC REG DATA=bstt401.childIQ;*

*MODEL childIQ=momIQ; /\* Simple regression \*/*

*TITLE "Simple regression";*

*MODEL childIQ=momHSgrad momIQ; /\* Multiple Regression \*/*

*TITLE "Multiple regression";*

*RUN;*

I attached '1 Excel file' including all tab datasets we had until now for your reference.

Further reading:

<https://documentation.sas.com/?cdcId=pgmsascdc&cdcVersion=9.4_3.5&docsetId=acpcref&docsetTarget=n0oj9f6i838mymn148890ckla700.htm&locale=en>

<https://blogs.sas.com/content/sasdummy/2015/05/20/using-libname-xlsx-to-read-and-write-excel-files/>

Best and let me know what you think,

Hai (TA).