3103

3104 %macro loop(var);

3105 data pv1\_&var;

3106 format y $20.;

3107 y='';

3108 run;

3109 %let endpoint=ln\_lvesv\_rep ecv\_rem\_rep;

3110

3111 %do i=1 %to 2;

3112 %let y=%scan(&endpoint,&i,' ');

3113 title "Endpoint = &y";

3114 ODS OUTPUT SOLUTIONF=RESULTS;

3115 proc mixed data=longformat\_stemi covtest noclprint plots=studentpanel method=reml;

3116 class patient\_id site\_id;

3117 model0: model &y = drug &var drug\*&var/ s cl ddfm=kenwardroger;

3118 repeated / type=un subject=patient\_id r;

3119 run;

3120 DATA pv1\_&var;

3121 SET pv1\_&var RESULTS(IN=A);

3122 if missing(effect) then delete;

3123 IF A THEN Y="&y";

3124 RUN;

3125

3126 %end;

3127 title " ";

3128 %mend;

3129

3130 %macro lst(dsn);

3131 /\*\* open dataset \*\*/

3132 %let dsid=%sysfunc(open(&dsn));

3133

3134 /\*\* cnt will contain the number of variables in the dataset passed in \*\*/

3135 %let cnt=%sysfunc(attrn(&dsid,nvars));

3136

3137 %do j = 1 %to &cnt;

3138 %loop(%sysfunc(varname(&dsid,&j)))

3139 %end;

3140

3141 %mend lst;

3142

3143 /\*\* Sample data set \*\*/

3144 data test2; set longformat\_stemi;

3145 keep

3146 age female

3147 ;

3148 run;

NOTE: There were 436 observations read from the data set WORK.LONGFORMAT\_STEMI.

NOTE: The data set WORK.TEST2 has 436 observations and 2 variables.

NOTE: DATA statement used (Total process time):

 real time 0.03 seconds

 cpu time 0.03 seconds

3149

3150 %lst(test2)

NOTE: The data set WORK.PV1\_FEMALE has 1 observations and 1 variables.

NOTE: DATA statement used (Total process time):

 real time 0.03 seconds

 cpu time 0.03 seconds

WARNING: The R matrix depends on observation order within subjects. Omitting observations from

 the analysis because of missing values can affect this matrix. Consider using a

 classification effect in the REPEATED statement to determine ordering in the R matrix.

NOTE: 148 observations are not included because of missing values.

WARNING: Did not converge.

WARNING: Output 'SOLUTIONF' was not created. Make sure that the output object name, label, or

 path is spelled correctly. Also, verify that the appropriate procedure options are

 used to produce the requested output object. For example, verify that the NOPRINT

 option is not used.

NOTE: PROCEDURE MIXED used (Total process time):

 real time 0.09 seconds

 cpu time 0.06 seconds

ERROR: File WORK.RESULTS.DATA does not exist.

NOTE: The SAS System stopped processing this step because of errors.

WARNING: The data set WORK.PV1\_FEMALE may be incomplete. When this step was stopped there were

 0 observations and 2 variables.

WARNING: Data set WORK.PV1\_FEMALE was not replaced because this step was stopped.

NOTE: DATA statement used (Total process time):

 real time 0.04 seconds

 cpu time 0.03 seconds

WARNING: The R matrix depends on observation order within subjects. Omitting observations from

 the analysis because of missing values can affect this matrix. Consider using a

 classification effect in the REPEATED statement to determine ordering in the R matrix.

NOTE: 219 observations are not included because of missing values.

WARNING: Did not converge.

WARNING: Output 'SOLUTIONF' was not created. Make sure that the output object name, label, or

 path is spelled correctly. Also, verify that the appropriate procedure options are

 used to produce the requested output object. For example, verify that the NOPRINT

 option is not used.

NOTE: PROCEDURE MIXED used (Total process time):

 real time 0.11 seconds

 cpu time 0.09 seconds

ERROR: File WORK.RESULTS.DATA does not exist.

NOTE: The SAS System stopped processing this step because of errors.

WARNING: The data set WORK.PV1\_FEMALE may be incomplete. When this step was stopped there were

 0 observations and 2 variables.

WARNING: Data set WORK.PV1\_FEMALE was not replaced because this step was stopped.

NOTE: DATA statement used (Total process time):

 real time 0.01 seconds

 cpu time 0.01 seconds

NOTE: The data set WORK.PV1\_AGE has 1 observations and 1 variables.

NOTE: DATA statement used (Total process time):

 real time 0.00 seconds

 cpu time 0.00 seconds

WARNING: The R matrix depends on observation order within subjects. Omitting observations from

 the analysis because of missing values can affect this matrix. Consider using a

 classification effect in the REPEATED statement to determine ordering in the R matrix.

NOTE: 148 observations are not included because of missing values.

WARNING: Did not converge.

WARNING: Output 'SOLUTIONF' was not created. Make sure that the output object name, label, or

 path is spelled correctly. Also, verify that the appropriate procedure options are

 used to produce the requested output object. For example, verify that the NOPRINT

 option is not used.

NOTE: PROCEDURE MIXED used (Total process time):

 real time 0.09 seconds

 cpu time 0.07 seconds

ERROR: File WORK.RESULTS.DATA does not exist.

NOTE: The SAS System stopped processing this step because of errors.

WARNING: The data set WORK.PV1\_AGE may be incomplete. When this step was stopped there were 0

 observations and 2 variables.

WARNING: Data set WORK.PV1\_AGE was not replaced because this step was stopped.

NOTE: DATA statement used (Total process time):

 real time 0.01 seconds

 cpu time 0.00 seconds

WARNING: The R matrix depends on observation order within subjects. Omitting observations from

 the analysis because of missing values can affect this matrix. Consider using a

 classification effect in the REPEATED statement to determine ordering in the R matrix.

NOTE: 219 observations are not included because of missing values.

WARNING: Did not converge.

WARNING: Output 'SOLUTIONF' was not created. Make sure that the output object name, label, or

 path is spelled correctly. Also, verify that the appropriate procedure options are

 used to produce the requested output object. For example, verify that the NOPRINT

 option is not used.

NOTE: PROCEDURE MIXED used (Total process time):

 real time 0.10 seconds

 cpu time 0.06 seconds

ERROR: File WORK.RESULTS.DATA does not exist.

NOTE: The SAS System stopped processing this step because of errors.

WARNING: The data set WORK.PV1\_AGE may be incomplete. When this step was stopped there were 0

 observations and 2 variables.

WARNING: Data set WORK.PV1\_AGE was not replaced because this step was stopped.

NOTE: DATA statement used (Total process time):

 real time 0.01 seconds

 cpu time 0.01 seconds

NOTE: There were 436 observations read from the data set WORK.LONGFORMAT\_STEMI.

NOTE: The data set DESKTOP.LONGFORMAT\_STEMI has 436 observations and 7 variables.