EXAMPLE OF AN SPSS SYNTAX FILE

COMPUTE sum = deter11 + safe13 + cand14 +
  retrib15 + wrong17 + cheap18 + fed19 + moral20 + final21 +
  apply22.
EXECUTE.
compute check= index-sum.
execute.
list.
FREQUENCIES
  VARIABLES=age2 sex3 party4 relig5 raised6 abroad7 years8 libcon9 vote10
deter11 state12 safe13 cand14 retrib15 victim16 wrong17 cheap18 fed19
  moral20 final21 apply22 index sum open1 check
  /STATISTICS=MEAN
  /ORDER= ANALYSIS.
EXECUTE.
comment. Students produce the analysis up to here; I do the remainder.

RELIABILITY
  /VARIABLES=deter11 safe13 cand14 retrib15 wrong17 cheap18 fed19 moral20
  final21 apply22
  /FORMAT=NOLABELS
  /SCALE(ALPHA)=ALL/MODEL=ALPHA
  /STATISTICS=SCALE CORR
  /SUMMARY=TOTAL.
Comment: Convergent validity test.
MEANS
  TABLES=sum BY open1
  /CELLS MEAN COUNT STDDEV
  /STATISTICS ANOVA.
Comment: Construct validity of sum and relationship to other variables of interest.
MEANS
  TABLES=sum BY party4 relig5 raised6 abroad7 sex3
  /CELLS MEAN COUNT STDDEV
  /STATISTICS ANOVA.
CORRELATIONS
  /VARIABLES=age2 years8 libcon9 vote10 state12 victim16 sum
  /PRINT=TWOTAIL NOSIG
  /MISSING=PAIRWISE.
Comment: Recodes of independent variables with too few people in some categories.
RECODE
  party4
  (1=1) (7=1) (2=2) (3, 5, 6=3) (4=4) (8=8) INTO partycat.
EXECUTE.
RECODE
  relig5
  (1=1) (3=3) (8=8) (ELSE=9) INTO religcat.
EXECUTE.
MEANS
  TABLES=sum BY religcat partycat
  /CELLS MEAN COUNT STDDEV
  /STATISTICS ANOVA.
Comment: Recodes into still fewer categories to satisfy chi-square limitations.
RECODE
  open1
  (1=1) (5=5) (MISSING=SYSMIS) (2 thru 4=3) INTO opentri.
RECODE
  libcon9
  (1 thru 3=1) (3.5 thru 6=5) (7 thru 10=10) INTO libcntri.
RECODE
  vote10
  (9 thru 10=10) (1 thru 5=1) (6 thru 8=7) INTO votetri.
RECODE
  partycat
  (1=1) (2=2) (ELSE=3) INTO partytri.
EXECUTE.
Comment: Construct validity of open question, and relationship to other variables.
CROSSTABS
  /TABLES=partytri religcat libcntri votetri sex3 raised6 abroad7 BY opentri
  /FORMAT= AVVALUE TABLES
  /STATISTIC=CHISQ
  /CELLS= COUNT ROW.