

Circumplex Scales of Interpersonal Values Short-Form (CSIV-32)

For each item below, answer the following question: "When I am with others (for example, with friends, with strangers, at work, at social gatherings, and so on), in general how important is it to me that I act or appear or am treated this way?"

When with others...	It is not at all important...	It is mildly important...	It is moderately important...	It is very important...	It is extremely important...
...that I appear confident					
...that I <i>not</i> expose myself to ridicule					
...that I feel connected to them					
...that I appear forceful					
...that I live up to their expectations					
...that I express myself openly					
...that I keep my guard up					
...that I get along with them					
...that they acknowledge when I am right					
...that I appear aloof					
...that they support me when I am having problems					
...that I keep the upper hand					
...that I do what they want me to do					
...that they respect what I have to say					
...that they keep their distance from me					
...that I make them feel happy					
...that I <i>not</i> back down when disagreements arise					
...that I <i>not</i> make mistakes in front of them					
...that they come to me with their problems					
...that I am the one in charge					
...that I go along with what they want to do					
...that I have an impact on them					
...that I do better than them					
...that they approve of me					
...that they <i>not</i> tell me what to do					
...that I <i>not</i> say something stupid					
...that they show concern for how I am feeling					
...that they mind their own business					
...that I <i>not</i> make them angry					
...that they listen to what I have to say					
...that they <i>not</i> know what I am thinking or feeling					
...that they <i>not</i> get their feelings hurt					

Below is a sample R program for scoring the CSIV-32. Item codes correspond to the order of the items in the form above (i.e., CSIV01 is "*I appear confident*", CSIV02 is "*I not expose myself to ridicule*", and so on).

```
library(dplyr)

## Compute raw CSIV octant scores ##
YourData <- YourData %>%
  mutate(PA = (item01 + item09 + item17 + item25)/4, # PA = Agentic
         BC = (item04 + item12 + item20 + item28)/4, # BC = Agentic & Uncommunal
         DE = (item07 + item15 + item23 + item31)/4, # DE = Uncommunal
         FG = (item02 + item10 + item18 + item26)/4, # FG = Unagentic & Uncommunal
         HI = (item05 + item13 + item21 + item29)/4, # HI = Unagentic
         JK = (item08 + item16 + item24 + item32)/4, # JK = Unagentic & Communal
         LM = (item03 + item11 + item19 + item27)/4, # LM = Communal
         NO = (item06 + item14 + item22 + item30)/4) # NO = Agentic & Communal

## Compute scores for the overall bipolar X (communal) and Y (agentic) vectors.
YourData <- YourData %>%
  mutate(AGENTIC = 0.25 * (PA - HI + (0.707 * (BC + NO - FG - JK))),
         COMMUNAL = 0.25 * (LM - DE + (0.707 * (NO + JK - FG - BC))))

## Compute "Structural Summary" Parameters ##
YourData <- YourData %>%
  mutate(
    # Compute "vector length" or "amplitude" (AMP)
    AMP = sqrt(AGENTIC^2 + COMMUNAL^2),
    # Compute overall mean or "response elevation" (ELE)
    ELE = (PA + BC + DE + FG + HI + JK + LM + NO)/8,
    # Compute Circumplex Goodness-of-Fit (R-squared)
    SStot = ((PA - ELE)^2 + (BC - ELE)^2 + (DE - ELE)^2 + (FG - ELE)^2 +
              (HI - ELE)^2 + (JK - ELE)^2 + (LM - ELE)^2 + (NO - ELE)^2),
    R2 = (4 * (AMP^2)) / SStot)
  # Compute Angular Displacement or Circumplex Angle (ANG)
  YourData <- YourData %>%
    mutate(ANG = ifelse(AGENTIC > 0 & COMMUNAL > 0, 000 + atan(AGENTIC/COMMUNAL) * (180 / pi),
                       ifelse(AGENTIC > 0 & COMMUNAL < 0, 180 + atan(AGENTIC/COMMUNAL) * (180 / pi),
                              ifelse(AGENTIC < 0 & COMMUNAL > 0, 360 + atan(AGENTIC/COMMUNAL) * (180 / pi),
                                     ifelse(AGENTIC < 0 & COMMUNAL < 0, 180 + atan(AGENTIC/COMMUNAL) * (180 / pi), NA))))))

## Compute ipsative octant scale scores
YourData <- YourData %>%
  mutate(
    iPA = PA - ELE, iBC = BC - ELE, iDE = DE - ELE, iFG = FG - ELE,
    iHI = HI - ELE, iJK = JK - ELE, iLM = LM - ELE, iNO = NO - ELE
  )
```

Below is a sample SPSS program for scoring the CSIV-32. Item codes correspond to the order of the items in the form above (i.e., CSIV01 is "*I appear confident*", CSIV02 is "*I not expose myself to ridicule*", and so on).

```
* compute raw CSIV-32 octant scores.
* PA = Agentic, BC = Agentic & Uncommunal, DE = Uncommunal, FG = Unagentic & Uncommunal
* HI = Unagentic, JK = Unagentic & Communal, LM = Communal, NO = Agentic & Communal.
COMPUTE PA = (CSIV01+CSIV09+CSIV17+CSIV25)/4.
COMPUTE BC = (CSIV04+CSIV12+CSIV20+CSIV28)/4.
COMPUTE DE = (CSIV07+CSIV15+CSIV23+CSIV31)/4.
COMPUTE FG = (CSIV02+CSIV10+CSIV18+CSIV26)/4.
COMPUTE HI = (CSIV05+CSIV13+CSIV21+CSIV29)/4.
COMPUTE JK = (CSIV08+CSIV16+CSIV24+CSIV32)/4.
COMPUTE LM = (CSIV03+CSIV11+CSIV19+CSIV27)/4.
COMPUTE NO = (CSIV06+CSIV14+CSIV22+CSIV30)/4.
* compute overall bipolar X (communal) and Y (agentic) vectors.
COMPUTE AGENTIC = 0.25*(PA-HI+(.707*(BC+NO-FG-JK))).
COMPUTE COMMUNAL= 0.25*(LM-DE+(.707*(NO+JK-FG-BC))).
* compute ipsative scores.
COMPUTE CSIVMEAN = (PA+BC+DE+FG+HI+JK+LM+NO)/8.
COMPUTE iPA=(PA-CSIVMEAN).
COMPUTE iBC=(BC-CSIVMEAN).
COMPUTE iDE=(DE-CSIVMEAN).
COMPUTE iFG=(FG-CSIVMEAN).
COMPUTE iHI=(HI-CSIVMEAN).
COMPUTE iJK=(JK-CSIVMEAN).
COMPUTE iLM=(LM-CSIVMEAN).
COMPUTE iNO=(NO-CSIVMEAN).

* "Structural Summary" Parameters.
* Compute "vector length" or "amplitude" (AMP).
COMPUTE AMP = SQRT((AGENTIC**2)+(COMMUNAL**2)).
* Compute overall mean or "response elevation" (ELE).
COMPUTE ELE = MEAN(PA,BC,DE,FG,HI,JK,LM,NO).
* Compute Goodness-of-Fit (R-squared).
COMPUTE R2 = (4*(AMP**2)/((VARIANCE(PA,BC,DE,FG,HI,JK,LM,NO))*7)).
* Compute "circumplex angle" or "angular displacement" (ANG)
COMPUTE Slope = AGENTIC/COMMUNAL.
IF (AGENTIC>0 and COMMUNAL>0) ANG = 000+atan(Slope)*(180/3.14159).
IF (AGENTIC>0 and COMMUNAL<0) ANG = 180+atan(Slope)*(180/3.14159).
IF (AGENTIC<0 and COMMUNAL>0) ANG = 360+atan(Slope)*(180/3.14159).
IF (AGENTIC<0 and COMMUNAL<0) ANG = 180+atan(Slope)*(180/3.14159).
```