SEMコード一覧（自分用アレンジ）

X <- read.csv("sem.csv", header=T)

install.packages(c("lavaan","semTools","semPlot"))

factanal(X,factors=7,rotation="promax")

K1.model.cfa <-'

f1 =~ skansyou1 + skansyou2 + skansyou3

f2 =~ mkansyou1 + mkansyou2 + mkansyou3

f3 =~ sense1 + sense2 + sense3 + sense4

f4 =~ think1 + think2 + think3 + think4

f5 =~ feel1 + feel2 + feel3

f6 =~ act1 + act2 + act3

f7 =~ relate1 + relate2 + relate3

f8 =~ stage1 + stage2 + stage3 + stage4 + stage5 + stage6

f9 =~ musical1 + musical2 + musical3 + musical4 + musical5 + musical6 + musical7 + musical8 + musical9

f10 =~ art1 + art2 + art3

f11=~ desire1 + desire2 + desire3

f12 =~ extro1 + extro2 + extro3

f13 =~ coop1 + coop2 + coop3'

library(lavaan)

fit <-cfa(model=K1.model.cfa,data=X,estimator="ML")

summary(fit, fit.measures=TRUE,standardized=T,rsquare=T)

K1.model.cfa <-'

f1 =~ skansyou1 + skansyou2 + skansyou3

f2 =~ mkansyou1 + mkansyou2 + mkansyou3

f3 =~ sense1 + sense2 + sense3 + sense4

f4 =~ think1 + think2 + think3 + think4

f5 =~ feel1 + feel2 + feel3

f6 =~ act1 + act2 + act3

f7 =~ relate1 + relate2 + relate3

f8 =~ stage1 + stage2 + stage3 + stage4 + stage5 + stage6

f9 =~ musical1 + musical2 + musical3 + musical4 + musical5 + musical6 + musical7 + musical8 + musical9

f10 =~ art1 + art2 + art3

f11=~ desire1 + desire2 + desire3

f12 =~ extro1 + extro2 + extro3

f13 =~ coop1 + coop2 + coop3

f1~f3

f1~f4

f1~f5

f1~f6

f1~f7

f2~f3

f2~f4

f2~f5

f2~f6

f2~f7

f3~f10

f4~f11

f7~f12

f7~f13'

fit <-sem(model=K1.model.cfa, data=X, estimator="ML")

summary(object=fit)

summary(fit, fit.measures=TRUE,standardized=T,rsquare=T)