library(bootnet)

library(qgraph)

library(foreign)

zz <- file.path("U:","My Documents")

book2loc <- file.path(zz,"book2.sav")

Book2 <- read.spss(book2loc)

Model <- estimateNetwork(Book2, default = "EBICglasso", corMethod="cor\_auto")

Model$graph

plot(Model, edge.labels=TRUE, title="EBICglasso Network for Artificial Psychologist", groups=Groups, palette='pastel')

centralityPlot(Model ,include="all")

resboot1 <- bootnet(Book2, default = c("EBICglasso"), tuning=.5,corMethod="cor\_auto", nBoots = 1000, nCores = 8, type = c("nonparametric"))

plot(resboot1, labels = TRUE, order = "sample")

resboot2 <- bootnet(Book2, default = c("EBICglasso"), tuning=.5, corMethod="cor\_auto", nBoots = 1000,

nCores = 8, type = c("case"))

plot(resboot2, labels = TRUE, order = "sample")

corStability(resboot2)

plot(resboot1, "strength", plot = "difference", order = "sample")

plot(resboot1, "edge", plot = "difference", onlyNonZero = TRUE, order = "sample")

bootnet\_case\_dropping <- bootnet(Model, nBoots = 2500,

type = "case",

statistics = c('strength',

'expectedInfluence',

'betweenness',

'closeness'))

plot(bootnet\_case\_dropping, 'all')

corStability(bootnet\_case\_dropping)