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library(netmeta)

p1 <- pairwise(list(Intervention1, Intervention2, Intervention3, Intervention4,
Intervention5, Intervention6, Intervention7),
               n=list(T1, T2, T3, T4, T5, T6, T7),
               mean=list(y1, y2, y3, y4, y5, y6, y7),
               sd=list(sd1, sd2, sd3, sd4, sd5, sd6, sd7),
               data=XXX, studlab=ID)
net1 <- netmeta(TE, seTE, treat1, treat2, studlab,
               data=p1, sm="MD", random=TRUE)
net1

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               data=p1, sm="MD", random=TRUE)
net1
summary(net1)

pdf("forest_plot.pdf",width = 11.7, height = 8.3)
plot(net1, xlim = c(-10, 10), ref = "Control", xlab = "XXX",
      rightcols = c("effect", "ci", "Pscore"), small.values = "Good",
      just.addcols = "right",
      sortvar = -Pscore)

plot(netgraph(net1))

nr1 <- netrank(net1)
nr1

options(width = 200)

# League table
# cahnge I1, I2.... according to intervention name in the order of forest plot.

ord <- c("I1","I2","I3","I4","I5")
netleague(net1, seq = ord, ci =TRUE, digits= 2)
netleague<- netleague(net1 ,seq = ord, ci =T, digits= 2)
netleague
write.csv(netleague$random, "table.CSV")

#funnel

f <- funnel(net1,
            order = c(copy from "ord" above),
            pch = 19,
```

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col = c(1:22),  
linreg = T)
```