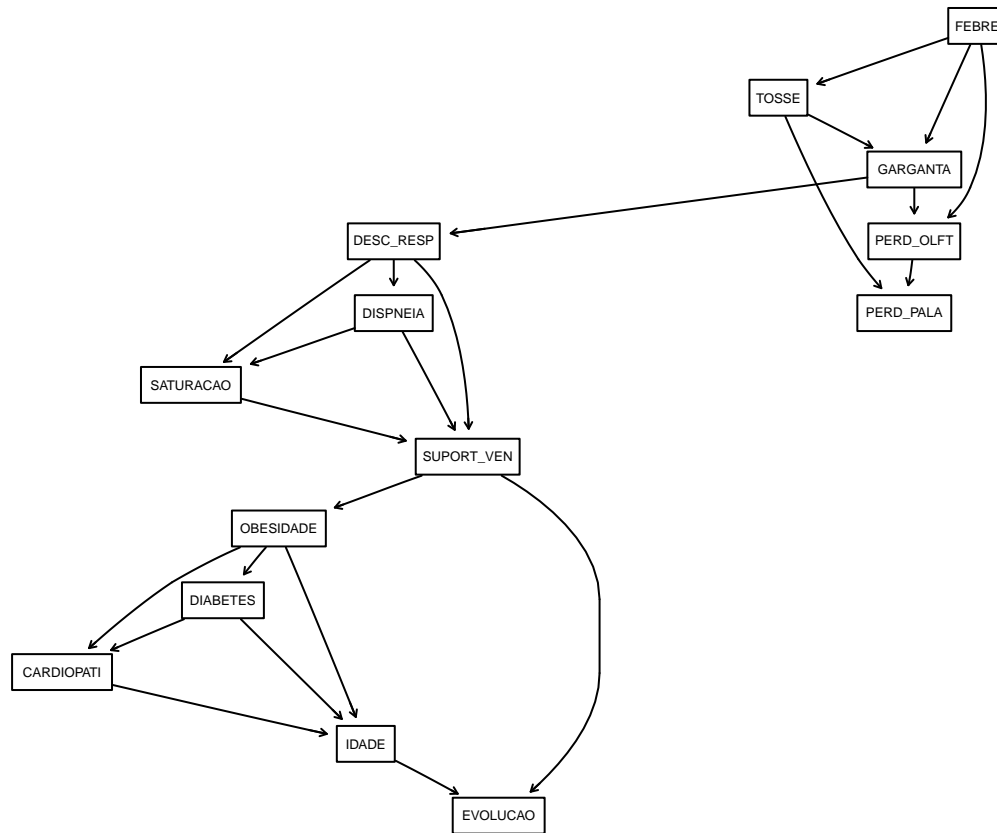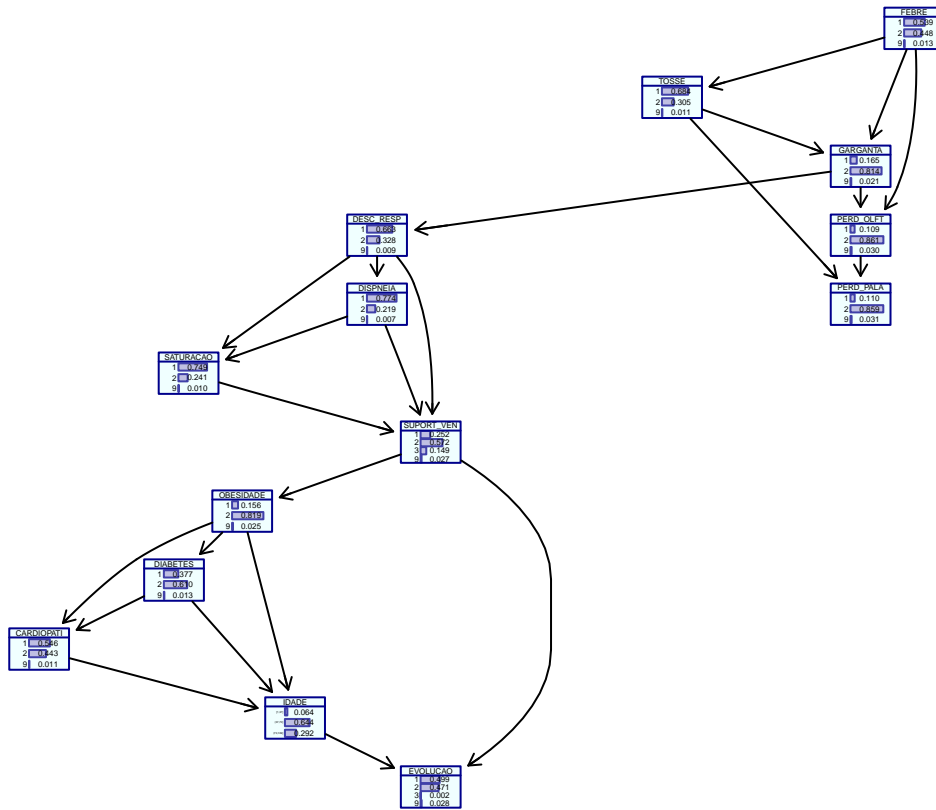# Teste Melhor Impressão de Barcharts
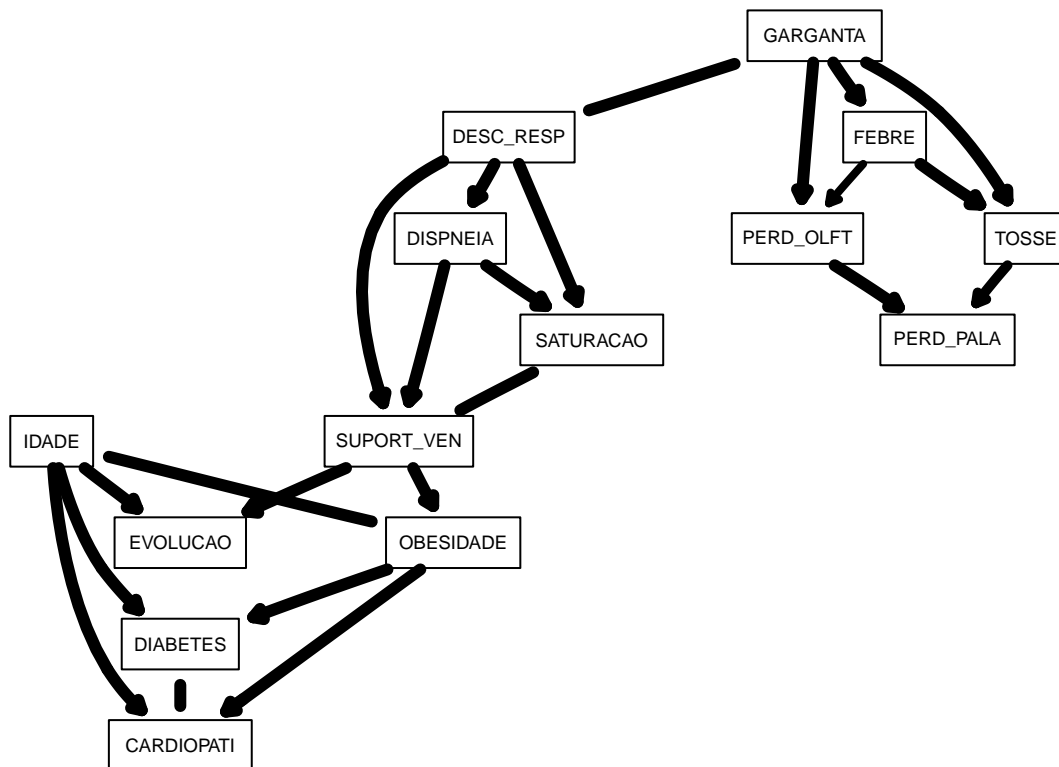
José Elvano Moraes

4/15/2021

```
boots.trap  <- 50
str.diff = suppressMessages(boot.strength(s1, R = boots.trap, algorithm = "mmhc"))
cat(paste('Threshold: ', attr(str.diff, "threshold")))
```

```
## Threshold:  0.26
```

```
avg.diff = averaged.network(str.diff)
strength.plot(avg.diff, str.diff, shape = "rectangle", main = "Iterações = 50")
```
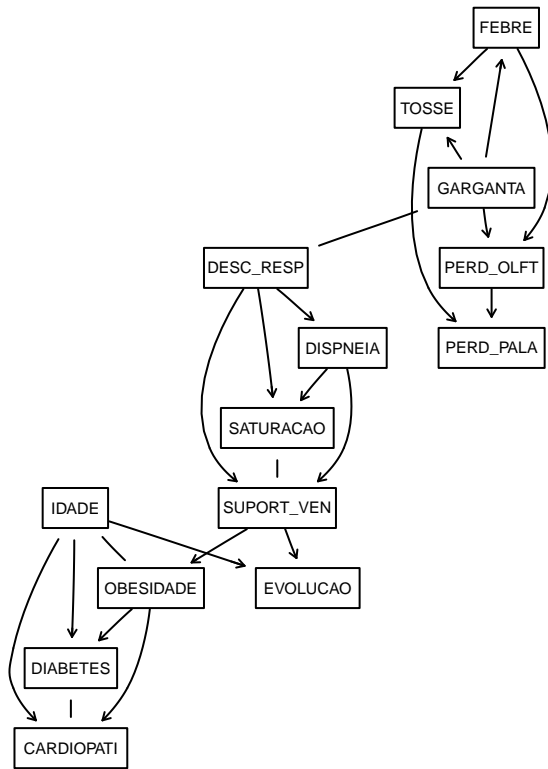
Iterações = 50

How can we compare the averaged network (avg.diff) with the network we originally learned in from all the data (dag)? The most qualitative way is to plot the two networks side by side, with the nodes in the same positions, and highlight the arcs that appear in one network and not in the other, or that appear with different directions.

```
par(mfrow = c(1, 2))
graphviz.compare(avg.diff, bn1, shape = "rectangle", main = c("DAG médio", "DAG único"))
```

DAG médio

DAG único