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#Manuscript informations

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#Article title: Foliar mycoendophytome of an endemic plant of the Mediterranean biome (Myrtus communis) reveals the dominance of basidiomycotan woody saprothrophs

#Journal name: PeerJ

#Corresponding author: Aristóteles Góes-Neto

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rm(list=ls())

data<-read.csv2("/Users/alinevaz/Dropbox/Myrtus communis\_endophytic fungi/ANTIGO Artigo Myrtus/Files - Aline/Analises/final\_13\_01\_2020/myrtus\_final\_13\_01\_2020.csv", header=T)

data\_org<-data[,-1]

rownames(data\_org)<-c("T1","T2","T3","T4","T5","T6","T7","T8","T9","T10","T11")

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#Bipartite

require(bipartite)

library(bipartite)

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rm(list=ls())

data<-read.csv2("/Users/alinevaz/Dropbox/Myrtus communis\_endophytic fungi/ANTIGO Artigo Myrtus/Files - Aline/Analises/final\_13\_01\_2020/myrtus\_final\_13\_01\_2020.csv", header=T)

data\_org<-data[,-1]

rownames(data\_org)<-c("T1","T2","T3","T4","T5","T6","T7","T8","T9","T10","T11")

pdf(file = "/Users/alinevaz/Dropbox/Myrtus communis\_endophytic fungi/ANTIGO Artigo Myrtus/Files - Aline/Analises/final\_13\_01\_2020/Figure2.pdf" , width = 15, height =8)

par(mfrow=c(1,1))

par(mar=c(10,10,5,5))

plotweb(data\_org, labsize = 1, col.interaction = "blue", text.rot = 90, y.width.low = 0.05, y.width.high = 0.05, ybig = 1.2)

dev.off()

pdf(file = "/Users/alinevaz/Dropbox/Myrtus communis\_endophytic fungi/ANTIGO Artigo Myrtus/Files - Aline/Analises/final\_13\_01\_2020/Figure3.pdf" , width = 15, height =12)

par(mfrow=c(1,1))

par(mar=c(10,10,5,5))

visweb(data\_org, type = "diagonal", prednames = TRUE, preynames = TRUE, labsize = 2, plotsize = 12, textsize = 2)

dev.off()

networkLevel<- networklevel(data\_org)# Table 2

speciesLevel<- specieslevel(data\_org)# Table 3 and Table 4

data\_bin<-(data\_org>0)

shuffle.web(data\_bin, N=2)

write.table(networkLevel,"/Users/alinevaz/Dropbox/Myrtus communis\_endophytic fungi/ANTIGO Artigo Myrtus/Files - Aline/Analises/final\_13\_01\_2020/NetworkLevel.xls", sep="\t", dec = ",")

write.table(speciesLevel$`higher level`,"/Users/alinevaz/Dropbox/Myrtus communis\_endophytic fungi/ANTIGO Artigo Myrtus/Files - Aline/Analises/final\_13\_01\_2020/SpeciesLevel\_higher.xls", sep="\t", dec = ",")

write.table(speciesLevel$`lower level`,"/Users/alinevaz/Dropbox/Myrtus communis\_endophytic fungi/ANTIGO Artigo Myrtus/Files - Aline/Analises/final\_13\_01\_2020/SpeciesLevel\_lower.xls", sep="\t", dec = ",")