obs1 <- data.frame(Time = 1:1000, Group1 = rep(c("G", "H"), times = 500), Group2 = rep(LETTERS[1:5], each = 200)) ; a <- fun\_gg\_boxplot(data1 = obs1, y = "Time", categ = c("Group1", "Group2"), dot.color = "same", dot.tidy = TRUE, dot.tidy.bin.nb = 100, return = TRUE, dot.categ = "Group2", dot.categ.class.order=c("B", "D", "E", "A", "C"))

Error:

================

ERROR IN fun\_gg\_boxplot():WHEN dot.color ARGUMENT IS "same",

LAST COMPARTMENT OF categ.class.order ARGUMENT AND dot.categ.class.order ARGUMENT CANNOT BE DIFFERENT:

LAST COMPARTMENT OF categ.class.order: A B C D E

dot.categ.class.order: B D E A C

================

obs1 <- data.frame(Time = 1:1000, Group1 = rep(c("G", "H"), times = 500), Group2 = rep(LETTERS[1:5], each = 200)) ; a <- fun\_gg\_boxplot(data1 = obs1, y = "Time", categ = c("Group1", "Group2"), dot.color = "same", dot.tidy = TRUE, dot.tidy.bin.nb = 100, return = TRUE, dot.categ = "Group2", dot.categ.class.order=c("A", "B", "C", "D", "E"))

Error:

================

ERROR IN fun\_gg\_boxplot():WHEN dot.color ARGUMENT IS "same",

LAST COMPARTMENT OF categ.class.order ARGUMENT AND dot.categ.class.order ARGUMENT CANNOT BE DIFFERENT:

LAST COMPARTMENT OF categ.class.order: A B C D E

dot.categ.class.order: A B C D E

================

obs1 <- data.frame(Time = 1:20, Group1 = rep(c("G", "H"), times = 10), Group2 = rep(c("A", "B"), each = 10))

a <- fun\_gg\_boxplot(data1 = obs1, y = "Time", categ = c("Group1", "Group2"), y.lim = c(25, -1))

**assign(paste0(tempo.gg.name, 17), ggplot2::scale\_y\_continuous(breaks = tempo.scale, minor\_breaks = y.inter.tick.pos, labels = if(y.log == "log10"){scales::trans\_format("identity", scales::math\_format(10^.x))}else if(y.log == "log2"){scales::trans\_format("identity", scales::math\_format(2^.x))}else if(y.log == "no"){ggplot2::waiver()}else{tempo.cat <- paste0("\n\n============\n\nINTERNAL CODE ERROR IN ", function.name, ": CODE INCONSISTENCY 10\n\n============\n\n") ; stop(tempo.cat)}, expand = c(0, 0),****limits = sort(y.lim)))**

**assign(paste0(tempo.gg.name, 17), ggplot2::scale\_y\_continuous(**

**breaks = tempo.scale,**

**minor\_breaks = y.inter.tick.pos,**

**labels = if(y.log == "log10"){scales::trans\_format("identity", scales::math\_format(10^.x))}else if(y.log == "log2"){scales::trans\_format("identity", scales::math\_format(2^.x))}else if(y.log == "no"){ggplot2::waiver()}else{tempo.cat <- paste0("\n\n============\n\nINTERNAL CODE ERROR IN ", function.name, ": CODE INCONSISTENCY 10\n\n============\n\n") ; stop(tempo.cat)},**

**expand = c(0, 0),** *# remove space after after axis limits*

**limits = sort(y.lim)** *# NA indicate that limits must correspond to data limits but ylim() already used*

*# trans = ifelse(diff(y.lim) < 0, "reverse", "identity") # equivalent to ggplot2::scale\_y\_reverse() but create the problem of y-axis label disappearance with y.lim decreasing*

**))**