fun\_test(

x = c("data1", "y", "categ", "categ.class.order", "categ.legend.name", "categ.color", "box.fill", "box.width", "box.space", "box.line.size", "box.notch", "box.alpha", "box.mean", "box.whisker.kind", "box.whisker.width", "dot.color", "dot.categ", "dot.categ.class.order", "dot.categ.legend.name", "dot.tidy", "dot.tidy.bin.nb", "dot.jitter", "dot.size", "dot.alpha", "dot.border.size", "dot.border.color", "x.lab", "y.lab", "y.lim", "y.log", "y.tick.nb", "y.inter.tick.nb", "y.include.zero", "y.top.extra.margin", "y.bottom.extra.margin", "stat.disp", "stat.disp.mean", "stat.size", "stat.dist", "vertical", "text.size", "text.angle", "title", "title.text.size", "classic", "grid", "return", "plot", "add", "warn.print", "path.lib"),

l = list(

L1 = list(L1 = NULL, L2 = list(obs1), L3 = "a"),

L2 = list(L1 = NULL, L2 = "Time", L3 = list(data.frame())),

L3 = list(L1 = NULL, L2 = "Group1", L3 = c("Group1", "Group2"), L4 = list(data.frame())),

L4 = list(L1 = NULL, L2 = list(c("G", "H"), c("A", "B")), L3 = list(c("H", "G"), c("A", "B")), L4 = list(c("H", "G"), c("B", "A")), L5 = list(data.frame())),

L5 = list(L1 = NULL, L2 = "CLASS1", L3 = list(data.frame())),

L6 = list(L1 = NULL, L2 = "green", L3 = c("blue", "green"), L4 = c("green", "blue"), L5 = list(data.frame())),

L7 = list(L1 = NULL, L2 = c(TRUE, FALSE), L3 = list(data.frame())),

L8 = list(L1 = NULL, L2 = c(0, 0.5, 1), L3 = list(data.frame())),

L8 = list(L1 = NULL, L2 = c(0, 0.5, 1), L3 = list(data.frame())),

L8 = list(L1 = NULL, L2 = c(0, 0.5, 1), L3 = list(data.frame())),

L7 = list(L1 = NULL, L2 = c(TRUE, FALSE), L3 = list(data.frame())),

L8 = list(L1 = NULL, L2 = c(0, 0.5, 1), L3 = list(data.frame())),

L7 = list(L1 = NULL, L2 = c(TRUE, FALSE), L3 = list(data.frame())),

L7 = list(L1 = NULL, L2 = c("no", "std", "max"), L3 = list(data.frame())),

L8 = list(L1 = NULL, L2 = c(0, 0.5, 1), L3 = list(data.frame())),

L6 = list(L1 = NULL, L2 = "black", L3 = "same", L4 = c("green", "blue"), L3 = list(data.frame())),

L6 = list(L1 = NULL, L2 = c("Group2", "TEST\_ERROR"), L3 = list(data.frame())),

L6 = list(L1 = NULL, L2 = "Group2", L3 = c("B", "A"), L3 = list(data.frame())),

L5 = list(L1 = NULL, L2 = "DOT1", L3 = list(data.frame())),

L7 = list(L1 = NULL, L2 = c(TRUE, FALSE), L3 = list(data.frame())),

L8 = list(L1 = NULL, L2 = c(0, 30, 50, -1), L3 = list(data.frame())),

L8 = list(L1 = NULL, L2 = c(0, 0.5, 1), L3 = list(data.frame())),

L8 = list(L1 = NULL, L2 = c(0, 0.5, 1), L3 = list(data.frame())),

L8 = list(L1 = NULL, L2 = c(0, 0.5, 1), L3 = list(data.frame())),

L8 = list(L1 = NULL, L2 = c(0, 0.5, 1), L3 = list(data.frame())),

L10 = list(L1 = NULL, L2 = "blue", L3 = 2, L3 = list(data.frame())),

L10 = list(L1 = NULL, L2 = "XLAB\_TEST", L3 = list(data.frame())),

L10 = list(L1 = NULL, L2 = "YLAB\_TEST", L3 = list(data.frame())),

L10 = list(L1 = NULL, L2 = c(1, 5), L3 = list(data.frame())),

L10 = list(L1 = NULL, L2 = c("no", "log2", "log10"), L3 = list(data.frame())),

L10 = list(L1 = NULL, L2 = c(0, 2, 5), L3 = list(data.frame())),

L10 = list(L1 = NULL, L2 = c(0, 2, 5), L3 = list(data.frame())),

L7 = list(L1 = NULL, L2 = c(TRUE, FALSE), L3 = list(data.frame())),

L8 = list(L1 = NULL, L2 = c(0, 0.5, 1), L3 = list(data.frame())),

L8 = list(L1 = NULL, L2 = c(0, 0.5, 1), L3 = list(data.frame())),

L10 = list(L1 = NULL, L2 = c("top", "above"), L3 = list(data.frame())),

L7 = list(L1 = NULL, L2 = c(TRUE, FALSE), L3 = list(data.frame())),

L10 = list(L1 = NULL, L2 = c(0, 2, 5), L3 = list(data.frame())),

L10 = list(L1 = NULL, L2 = c(0, 2, 5), L3 = list(data.frame())),

L7 = list(L1 = NULL, L2 = c(TRUE, FALSE), L3 = list(data.frame())),

L10 = list(L1 = NULL, L2 = c(0, 12), L3 = list(data.frame())),

L10 = list(L1 = NULL, L2 = c(0, 45, 90, 180, 270, 361, -90), L3 = list(data.frame())),

L10 = list(L1 = NULL, L2 = "TEST\_TITRE", L3 = list(data.frame())),

L10 = list(L1 = NULL, L2 = c(0, 12), L3 = list(data.frame())),

L7 = list(L1 = NULL, L2 = c(TRUE, FALSE), L3 = list(data.frame())),

L7 = list(L1 = NULL, L2 = c(TRUE, FALSE), L3 = list(data.frame())),

L7 = list(L1 = NULL, L2 = c(TRUE, FALSE), L3 = list(data.frame())),

L7 = list(L1 = NULL, L2 = c(TRUE, FALSE), L3 = list(data.frame())),

L10 = list(L1 = NULL, L2 = "+ggplot2::theme\_classic()", L3 = "ggplot2::theme\_classic()", L4 = "heme\_classic()", L3 = list(data.frame())),

L7 = list(L1 = NULL, L2 = c(TRUE, FALSE), L3 = list(data.frame())),

L10 = list(L1 = NULL, L2 = "C:\\Program Files\\R\\R-3.6.1\\library", L3 = list(data.frame()))

),

fun = "fun\_gg\_boxplot"

)

*set.seed(1) ; obs1 <- data.frame(Time = c(rnorm(10), rnorm(10) + 2), Group1 = rep(c("G", "H"), each = 10)) ;*

*a <- fun\_test(*

*arg = c("data1", "y", "categ"),*

*val = list(*

*L1 = list(L1 = NULL, L2 = obs1, L3 = "a"),*

*L2 = list(L1 = NULL, L2 = "Time", L3 = list(data.frame())),*

*L3 = list(L1 = NULL, L2 = "Group1", L3 = c("Group1", "Group2"), L4 = list(data.frame()))*

*),*

*fun = "fun\_gg\_boxplot",*

*plot.fun = TRUE,*

*plot.path = "C:\\Users\\Gael\\Desktop\\"*

*)$data*

**a <- as.matrix(a)**

**a <- gsub(a, pattern = "\n", replacement = " ")**

**write.table(a, file = paste0("C:\\Users\\Gael\\Desktop\\test\_res.txt"), row.names = TRUE, col.names = NA, append = FALSE, quote = FALSE, sep = "\t", eol = "\n")**