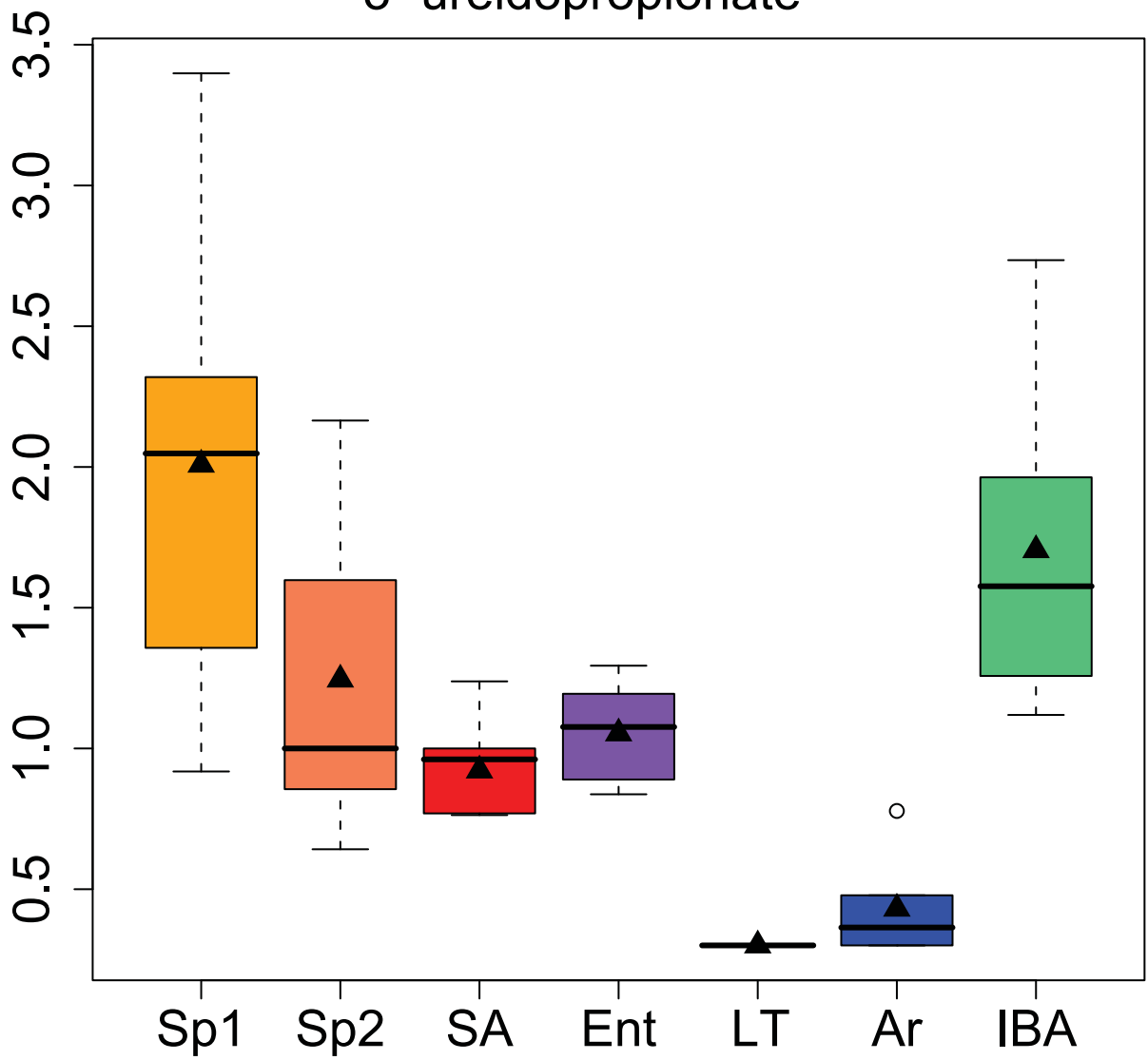
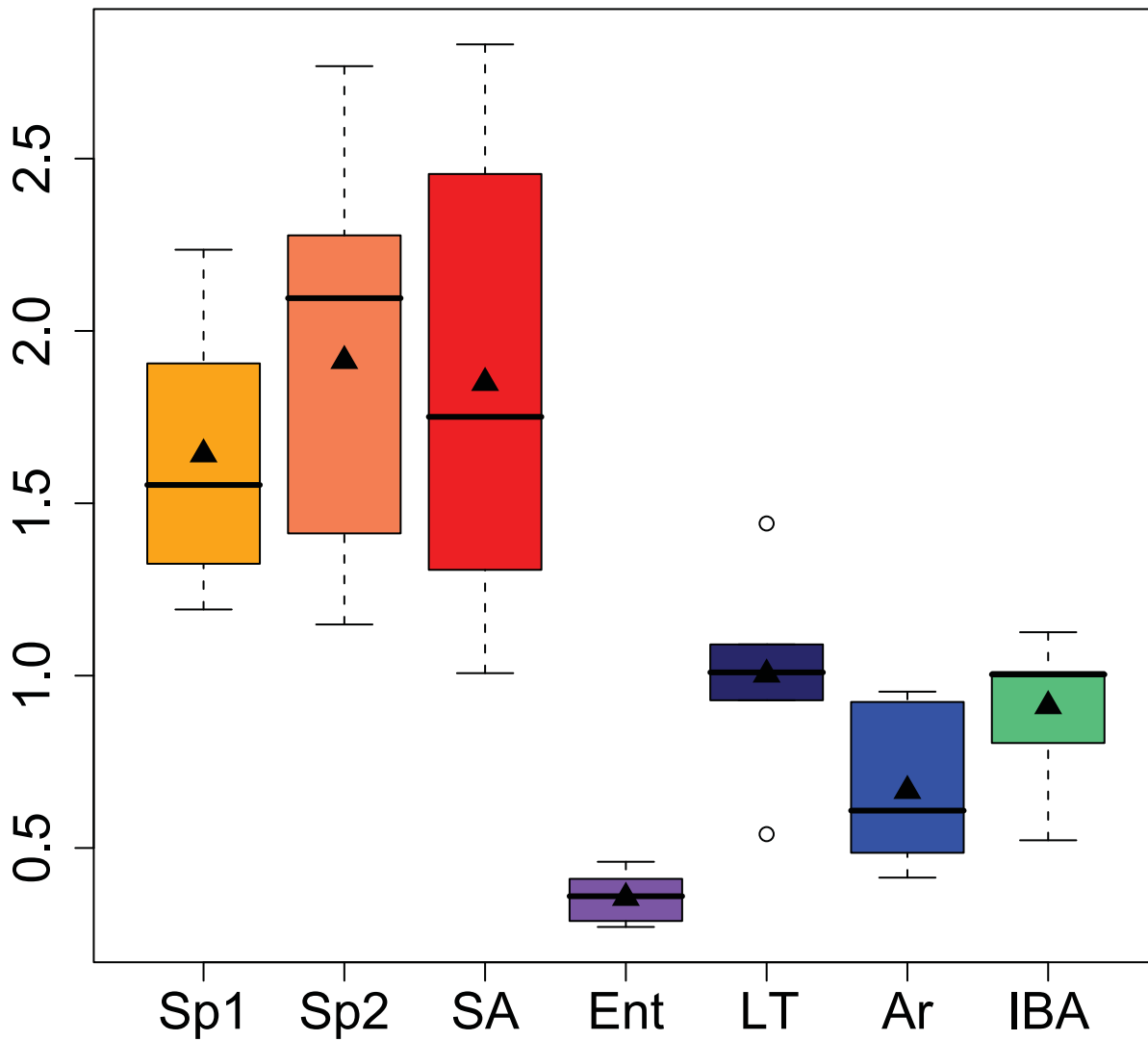


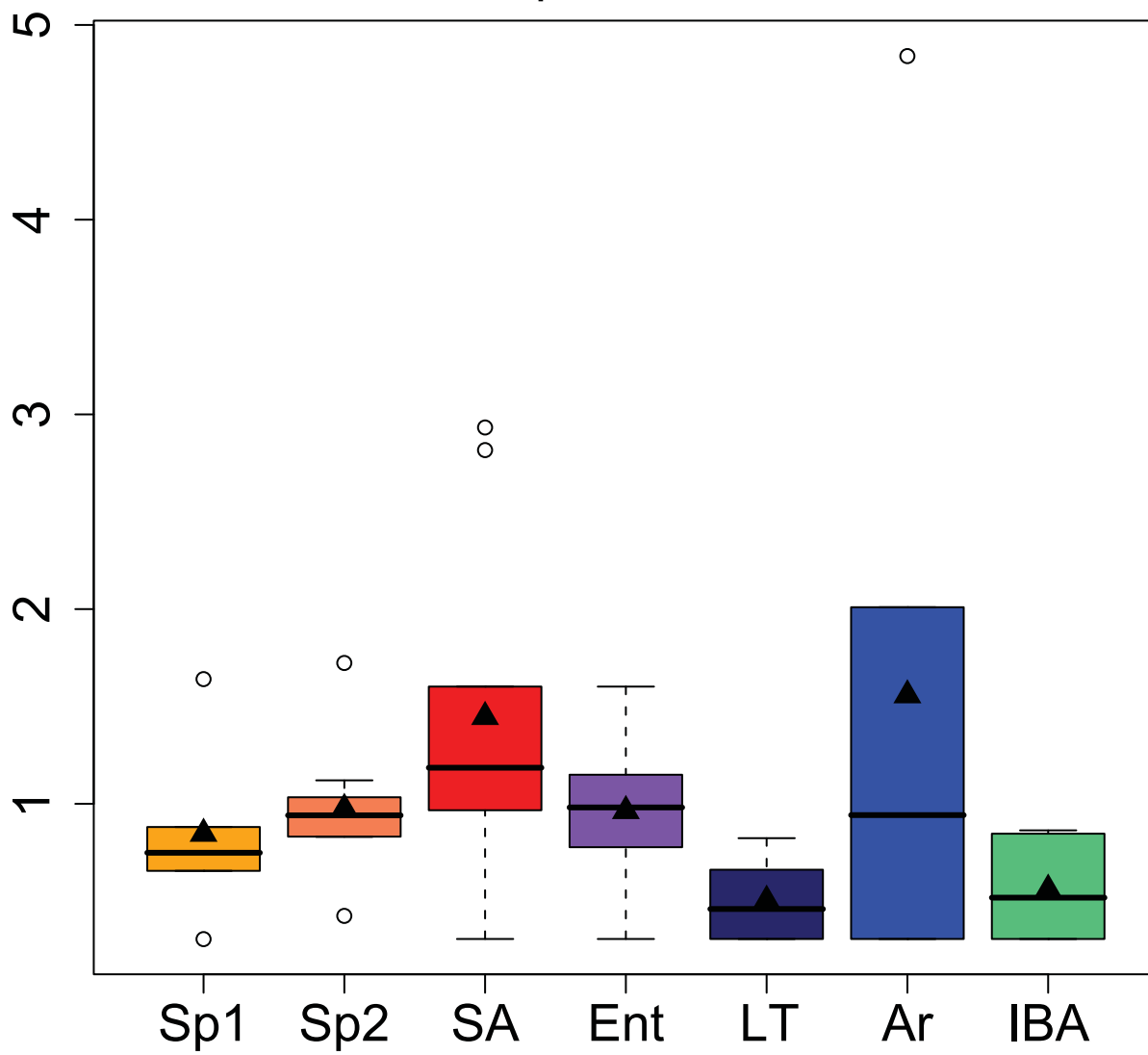
### 3-ureidopropionate



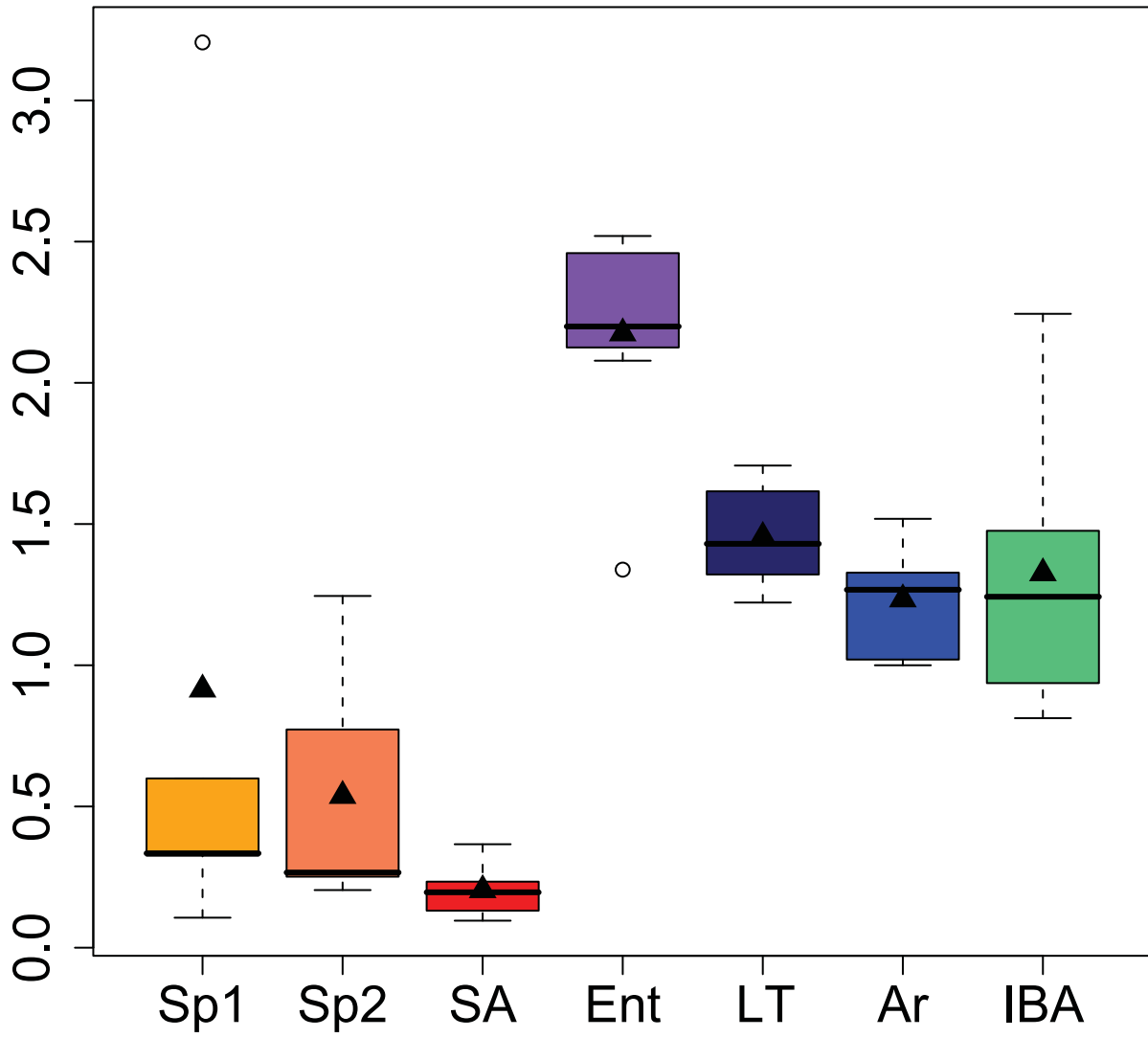
# alanine



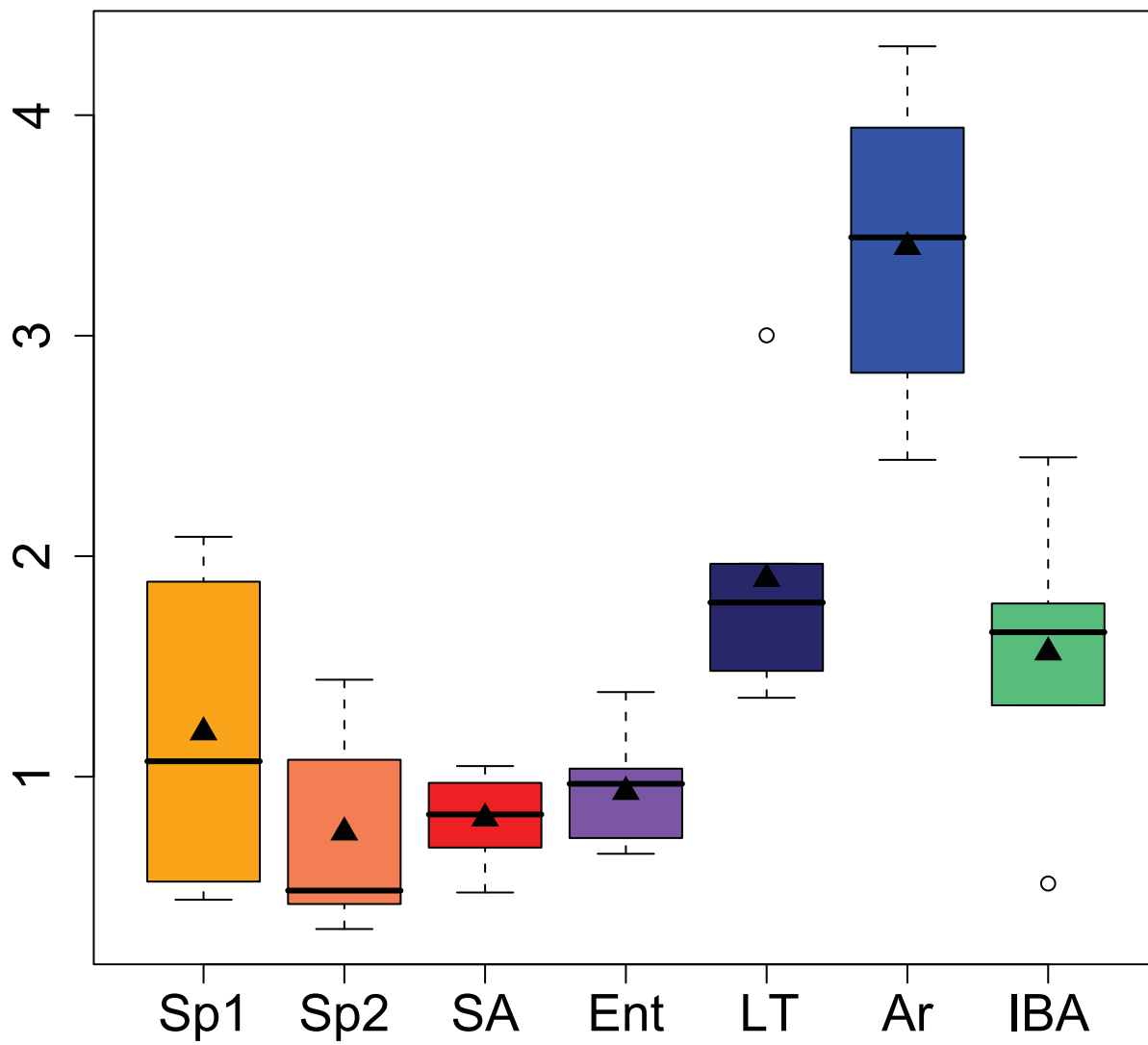
# aspartate



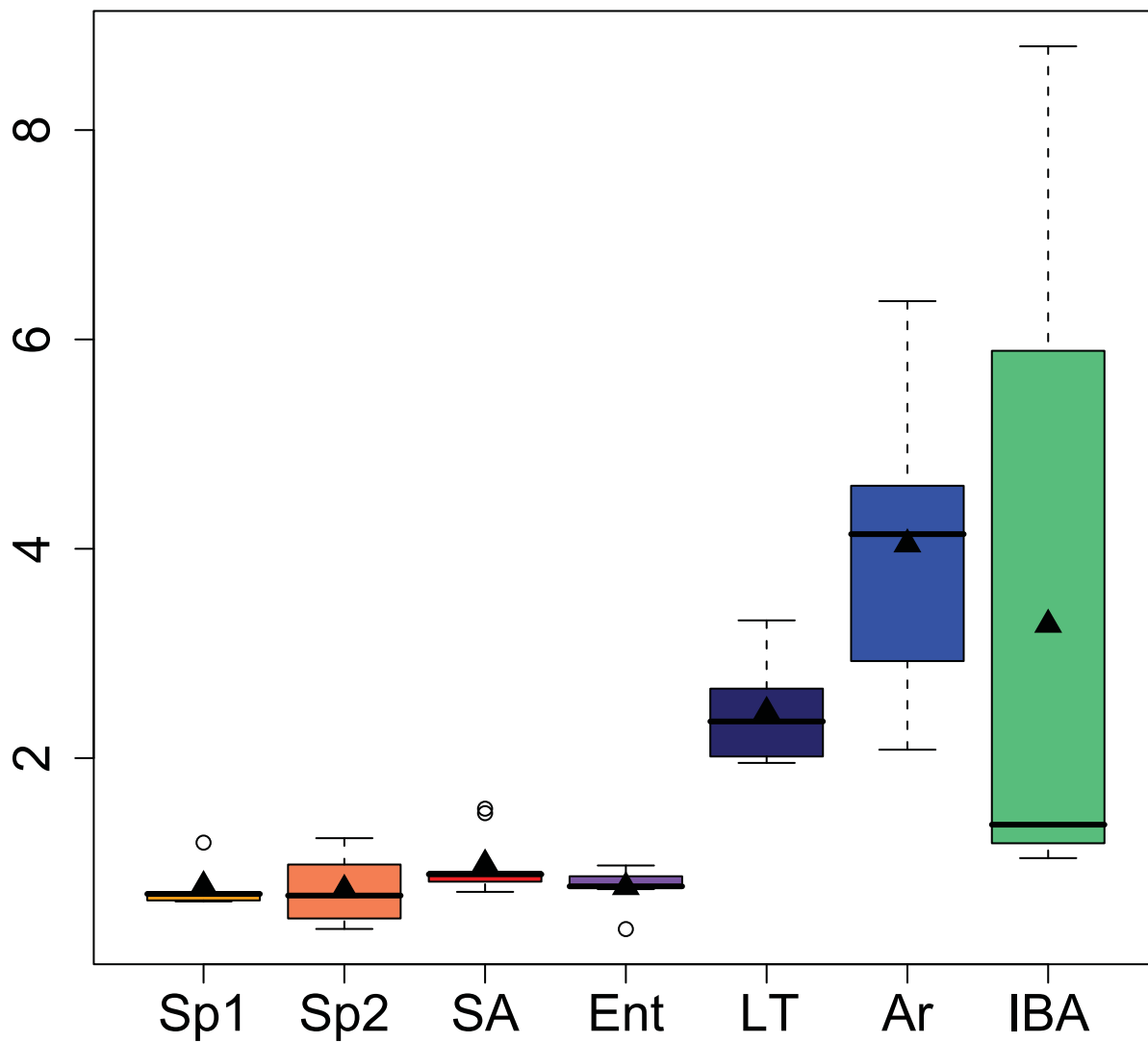
# 2-aminobutyrate



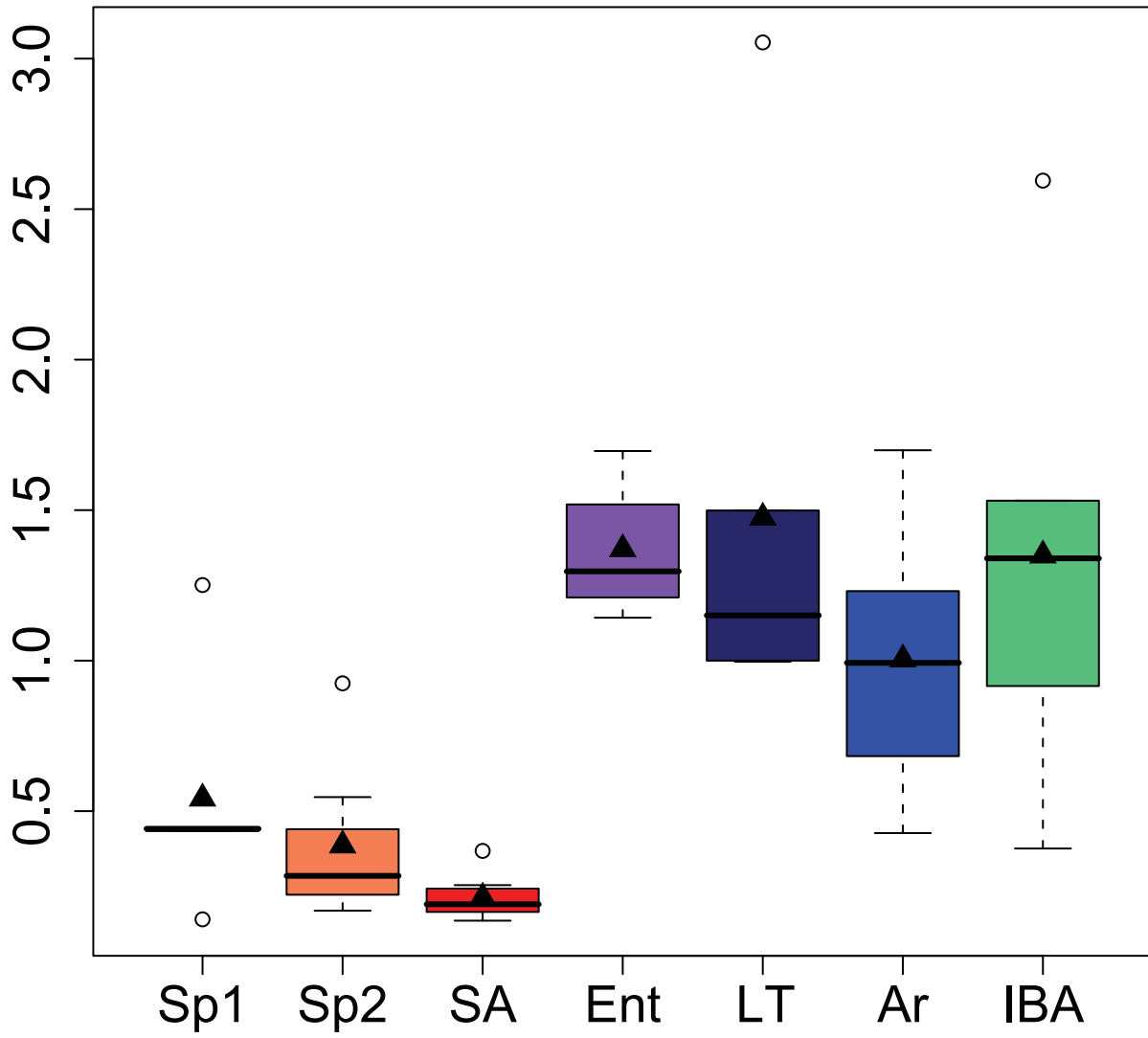
# creatine



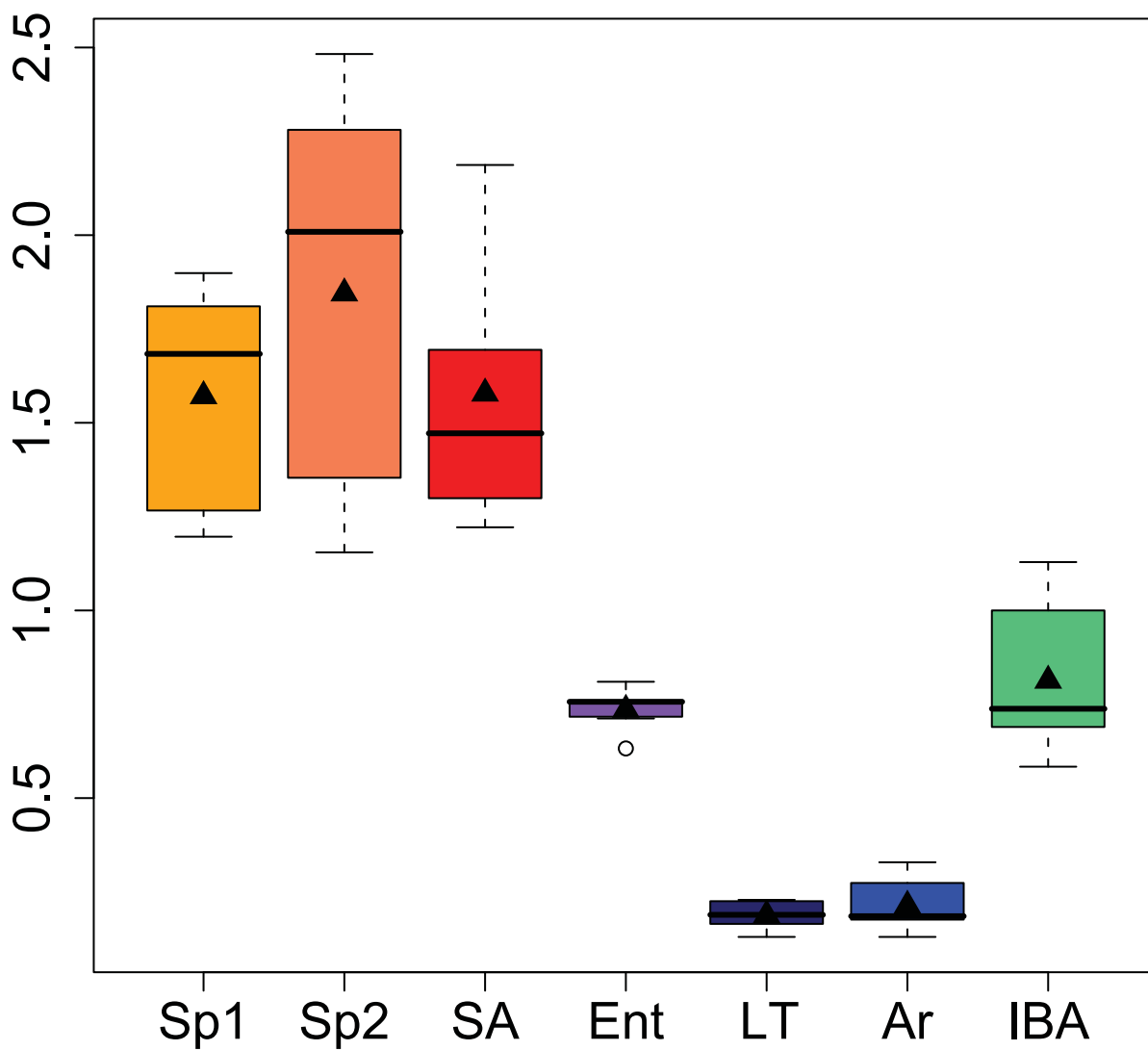
# creatinine



## 2-hydroxybutyrate (AHB)

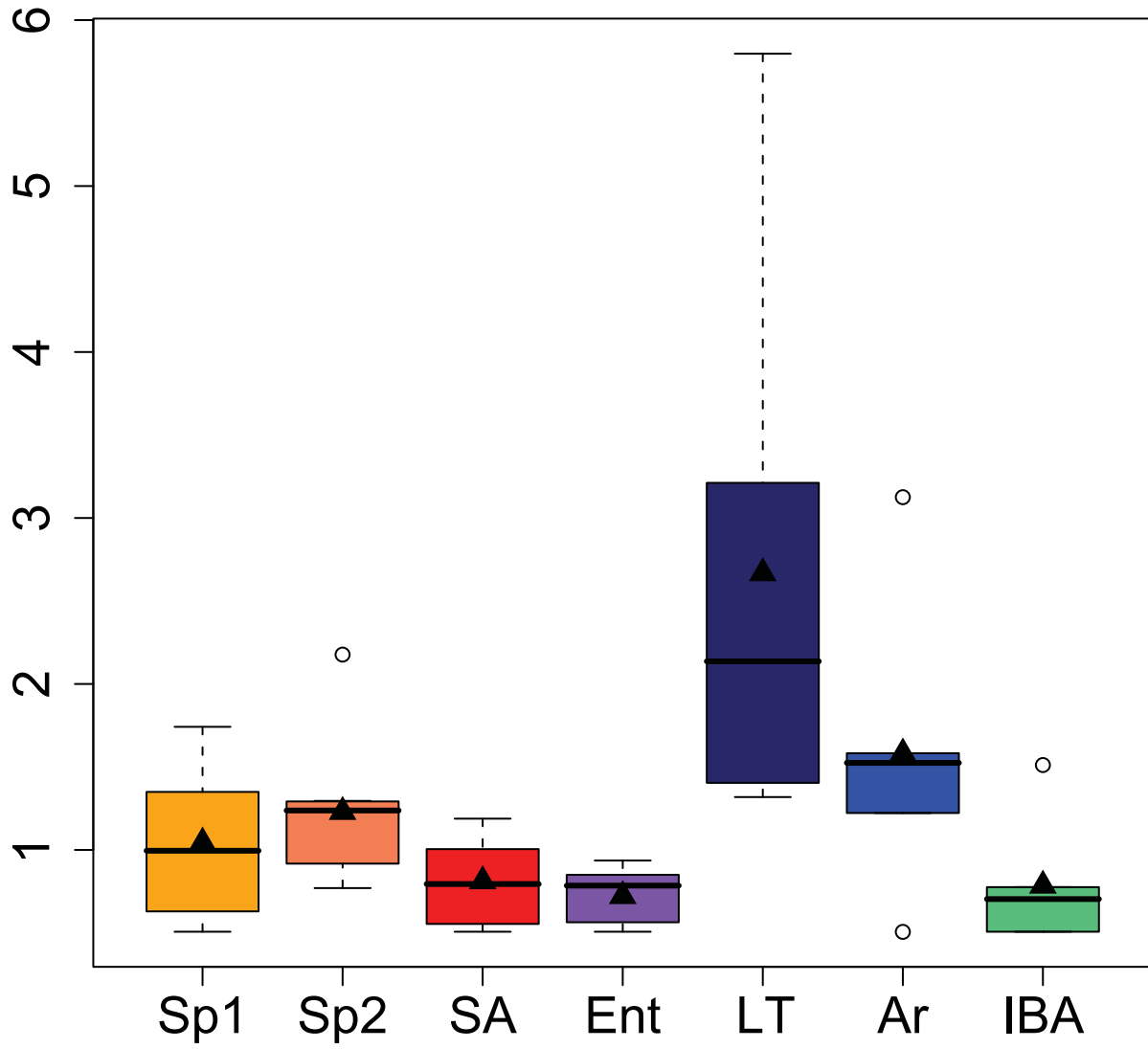


# methionine

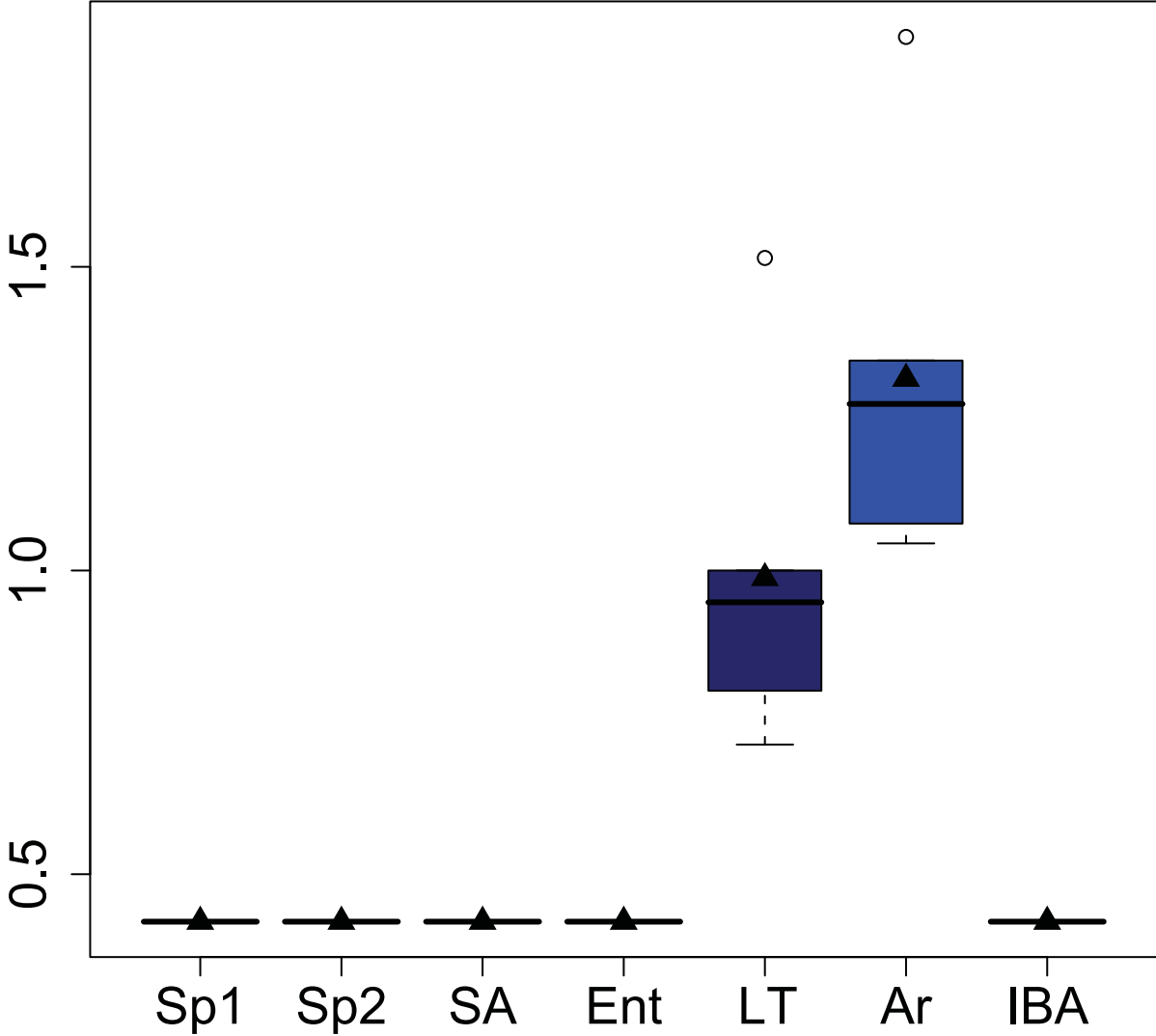




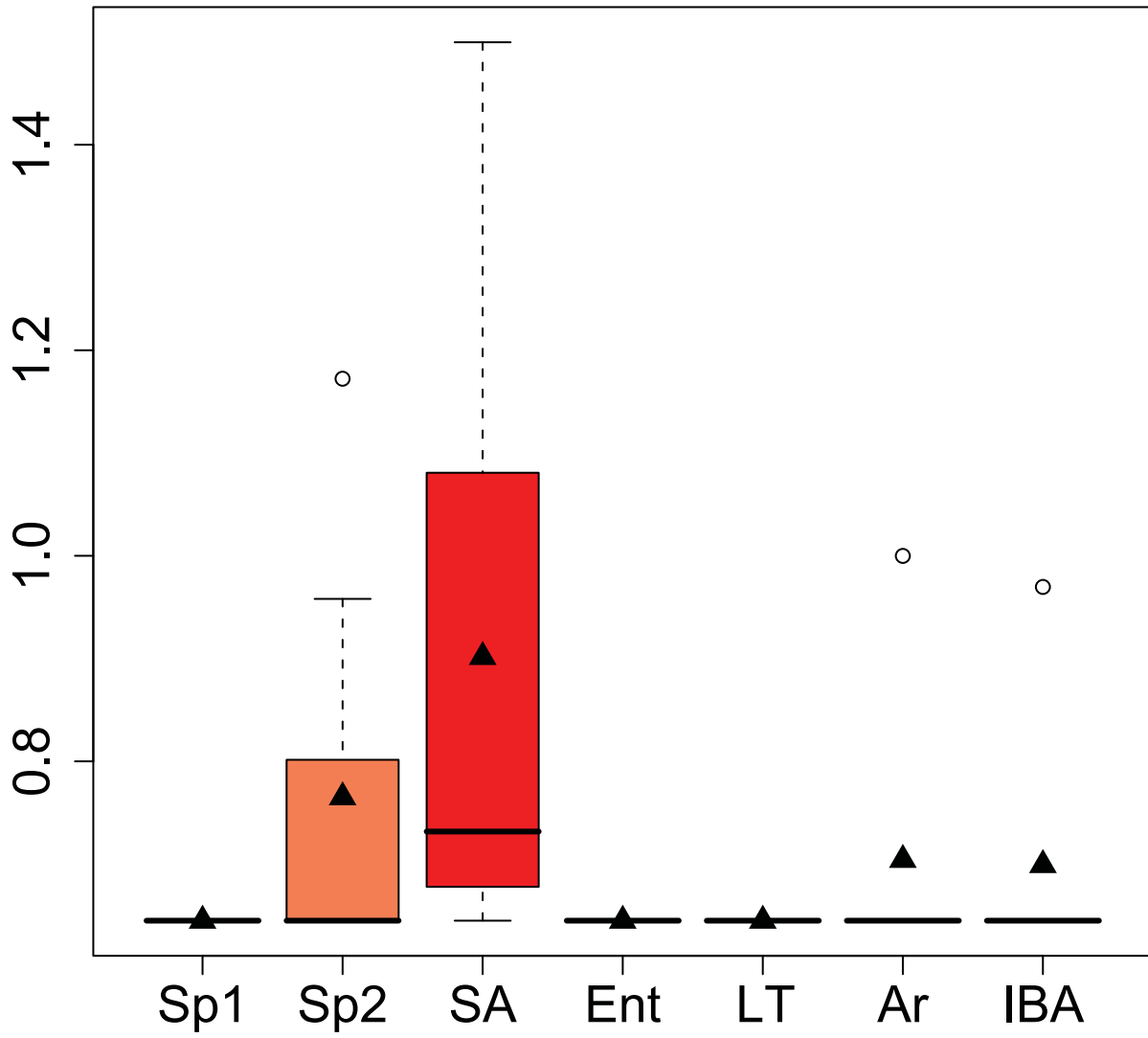
# N-acetylmethionine



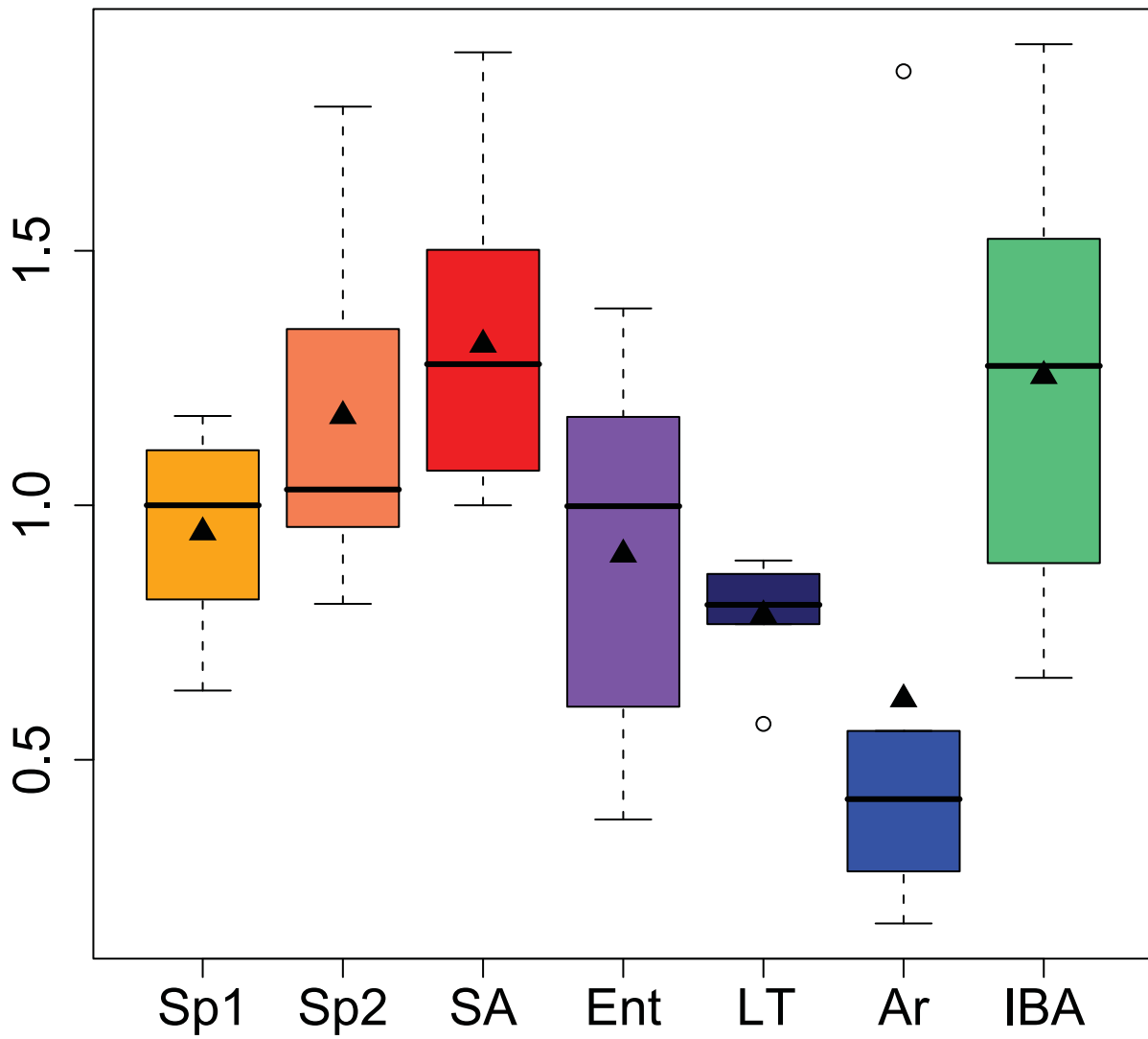
N-formylmethionine



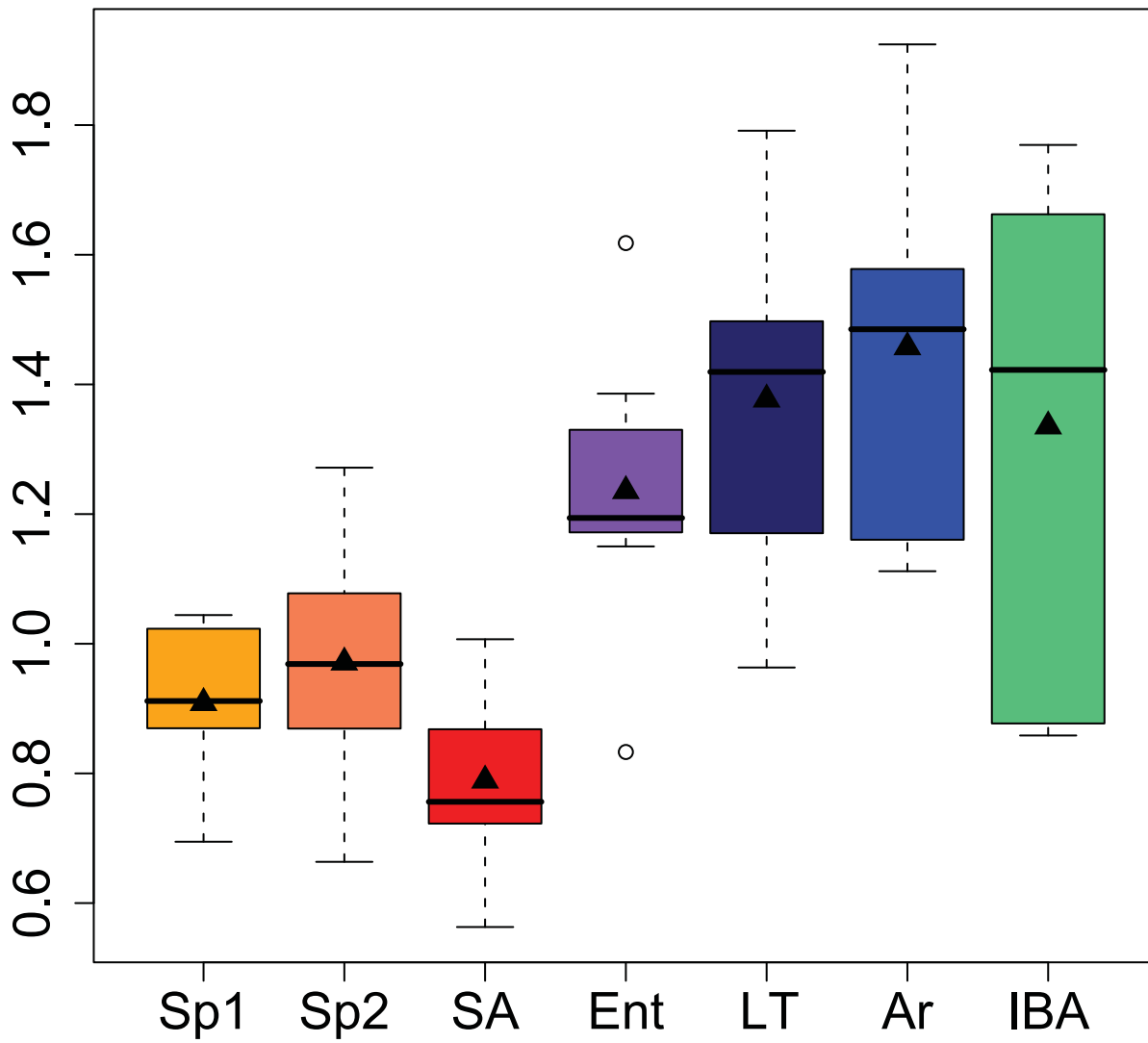
gamma-glutamylfelinylglycine\*



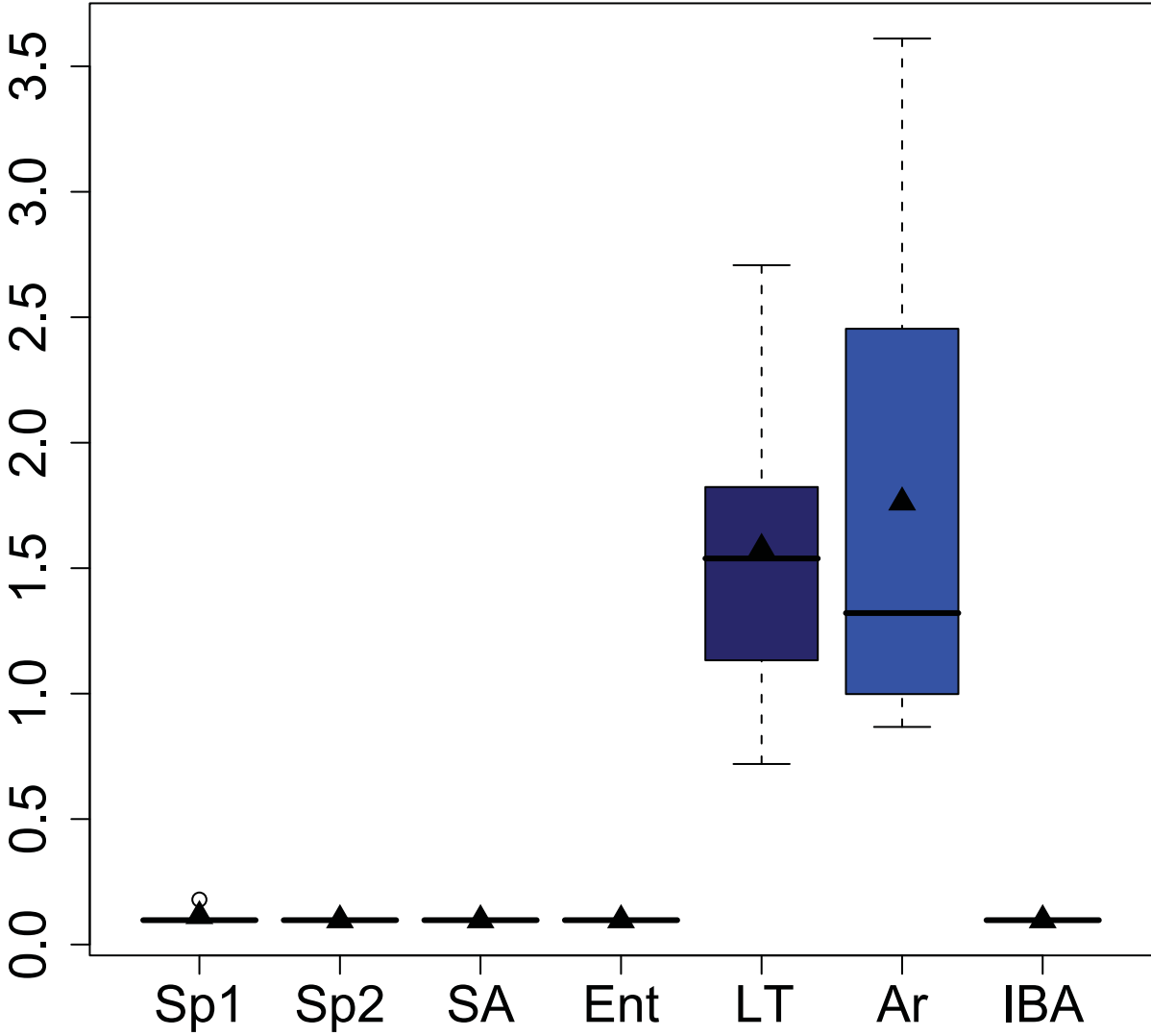
# glutamate



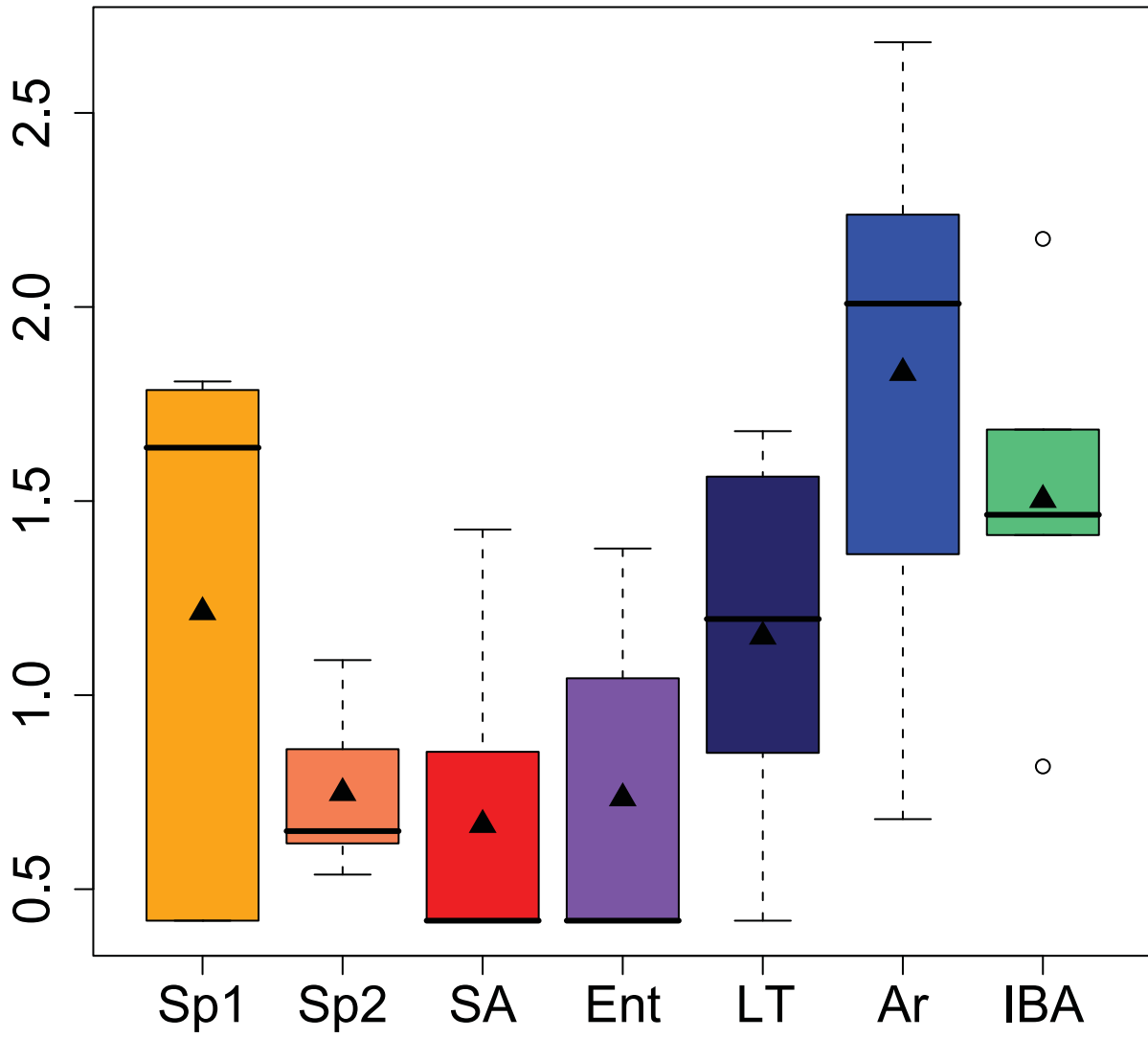
# glutamine



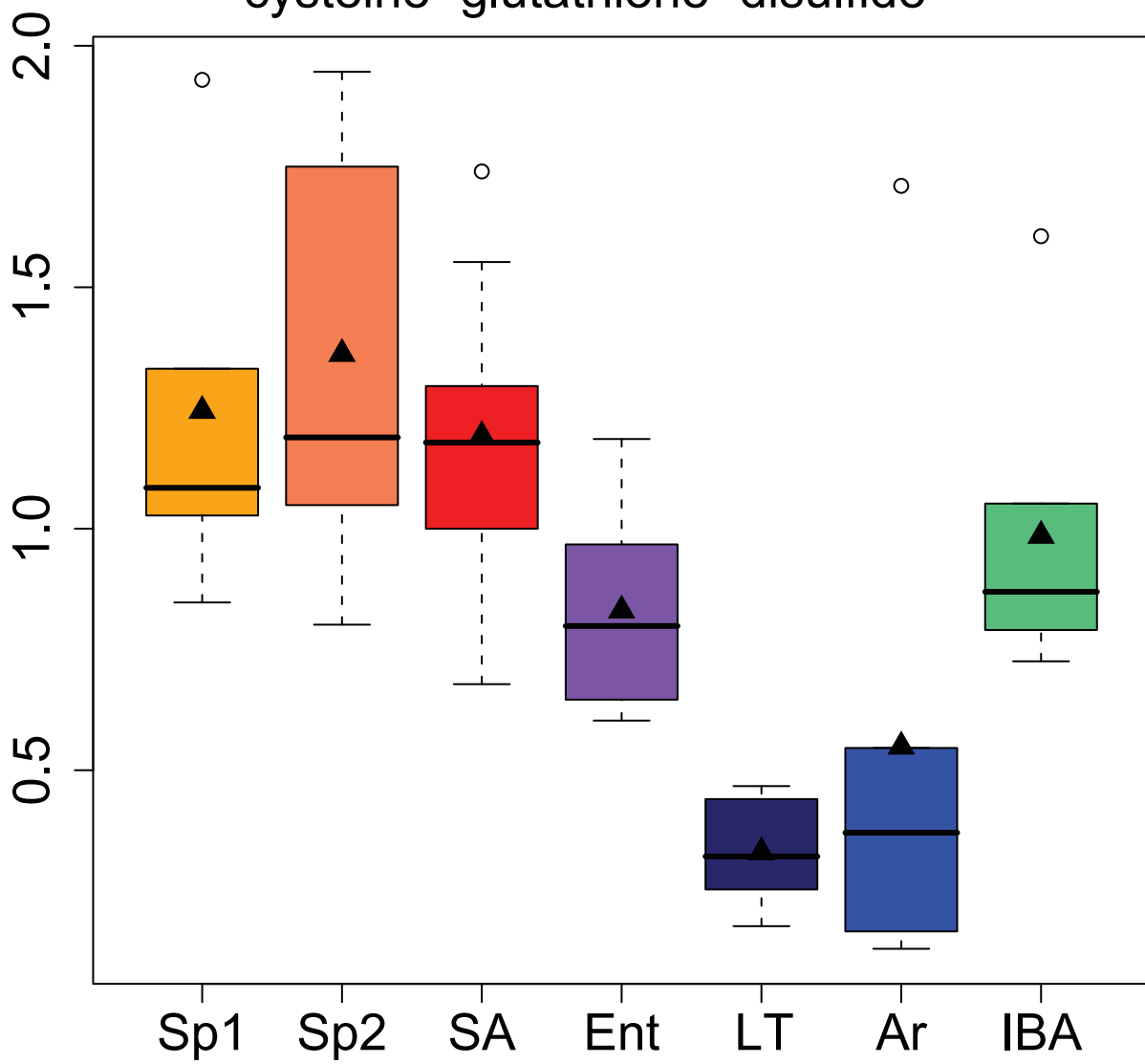
# N-acetylglutamine



pyroglutamine\*

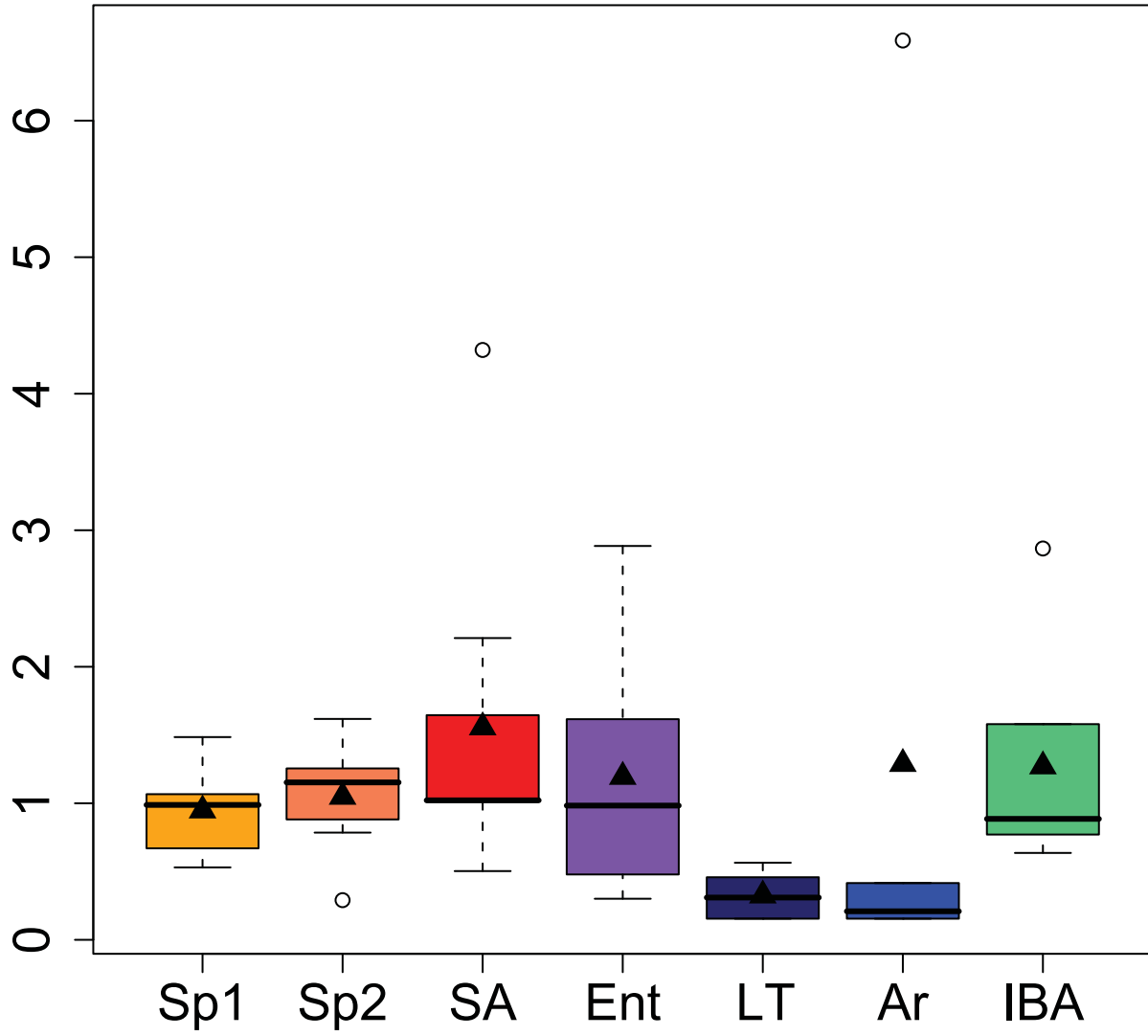


# cysteine-glutathione-disulfide

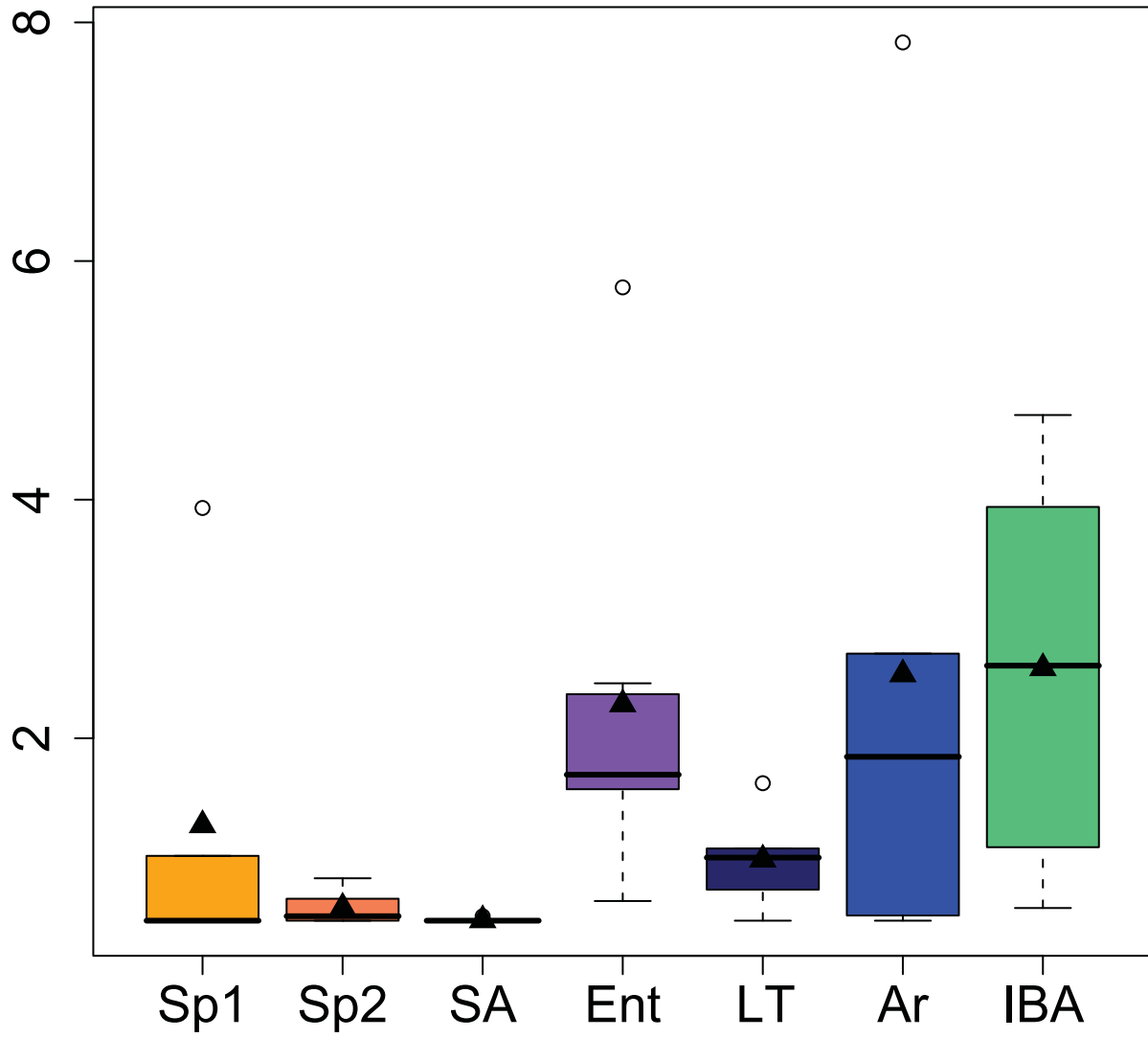




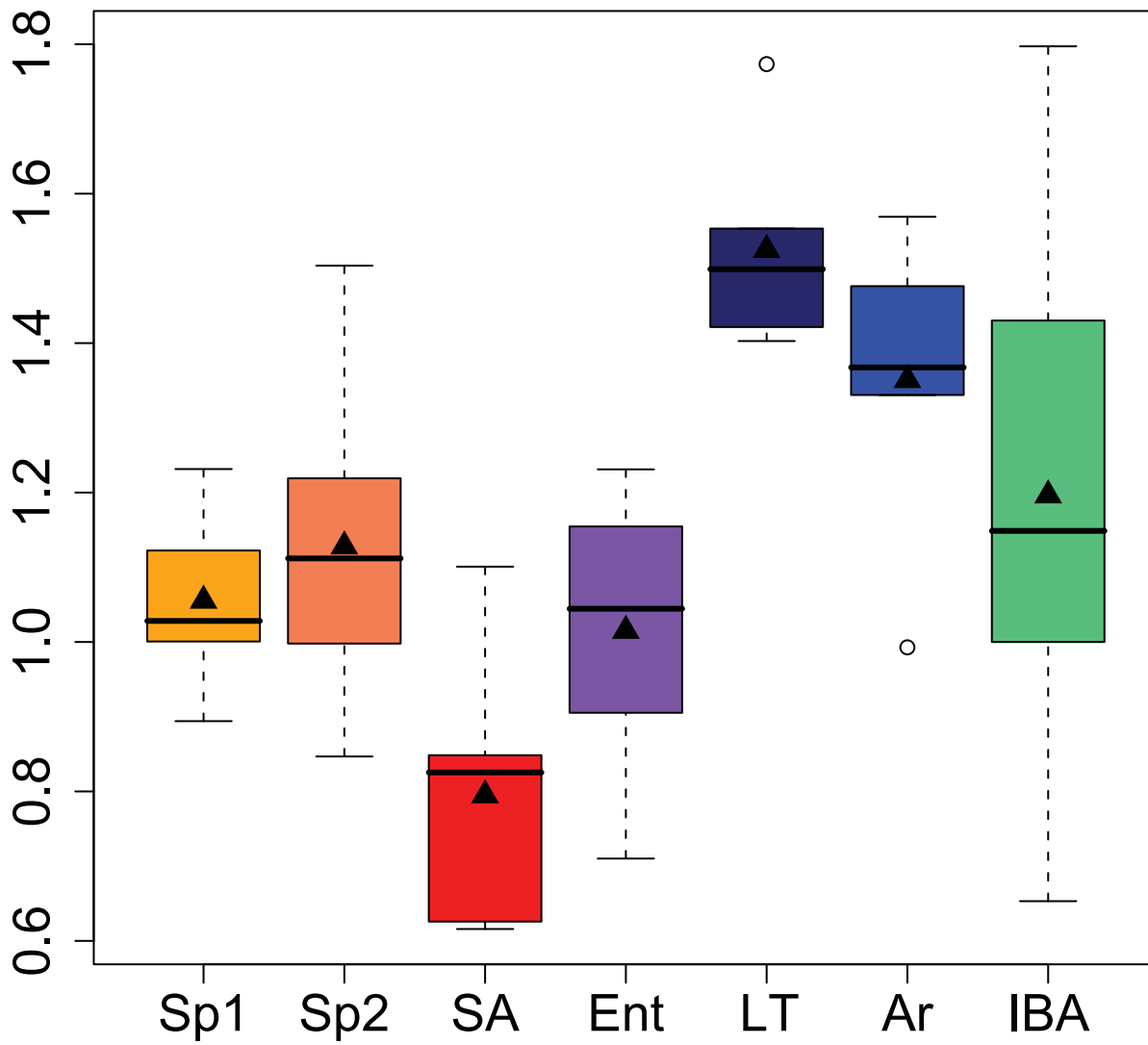
# glutathione, oxidized (GSSG)



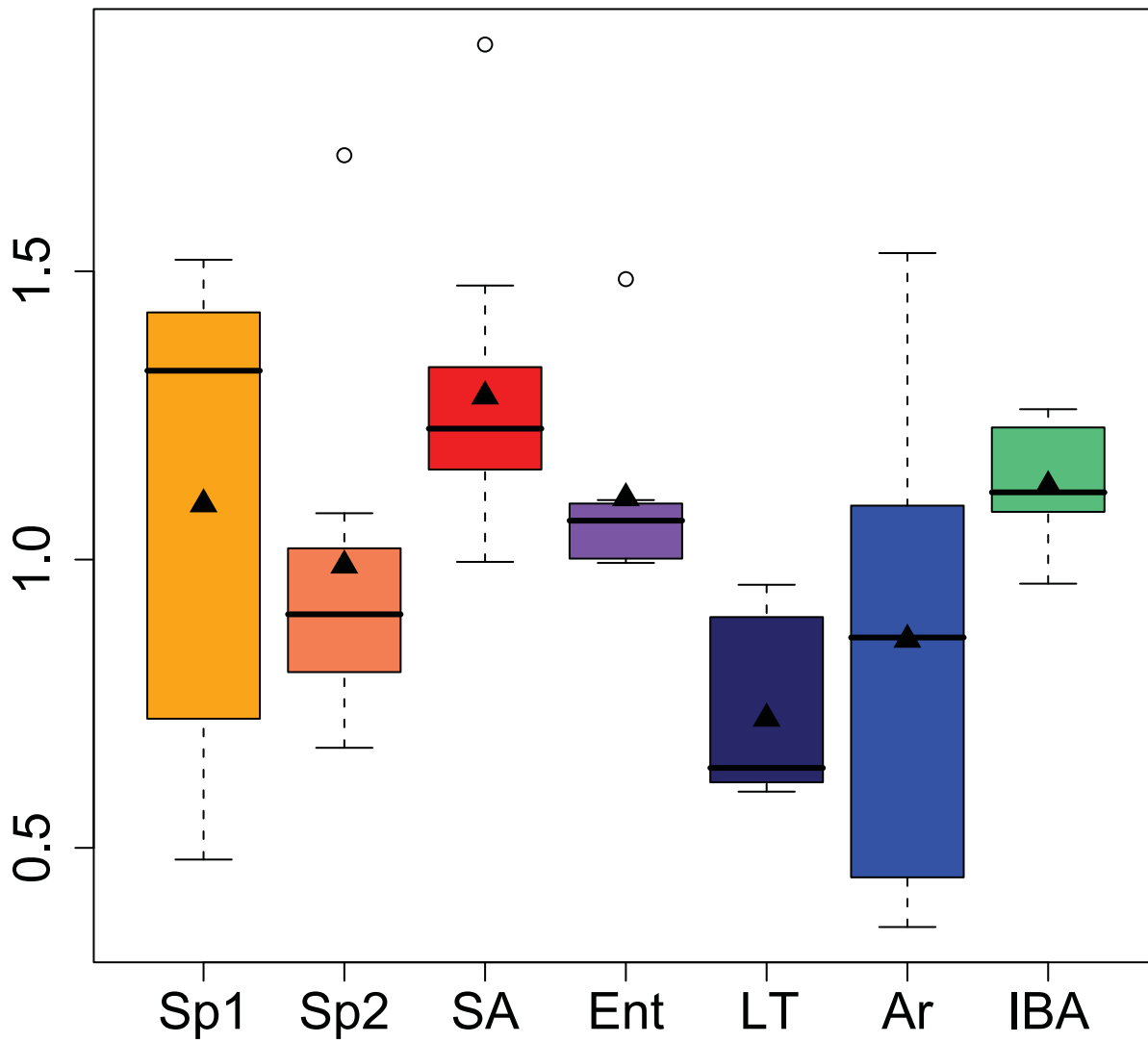
ophthalmate\*



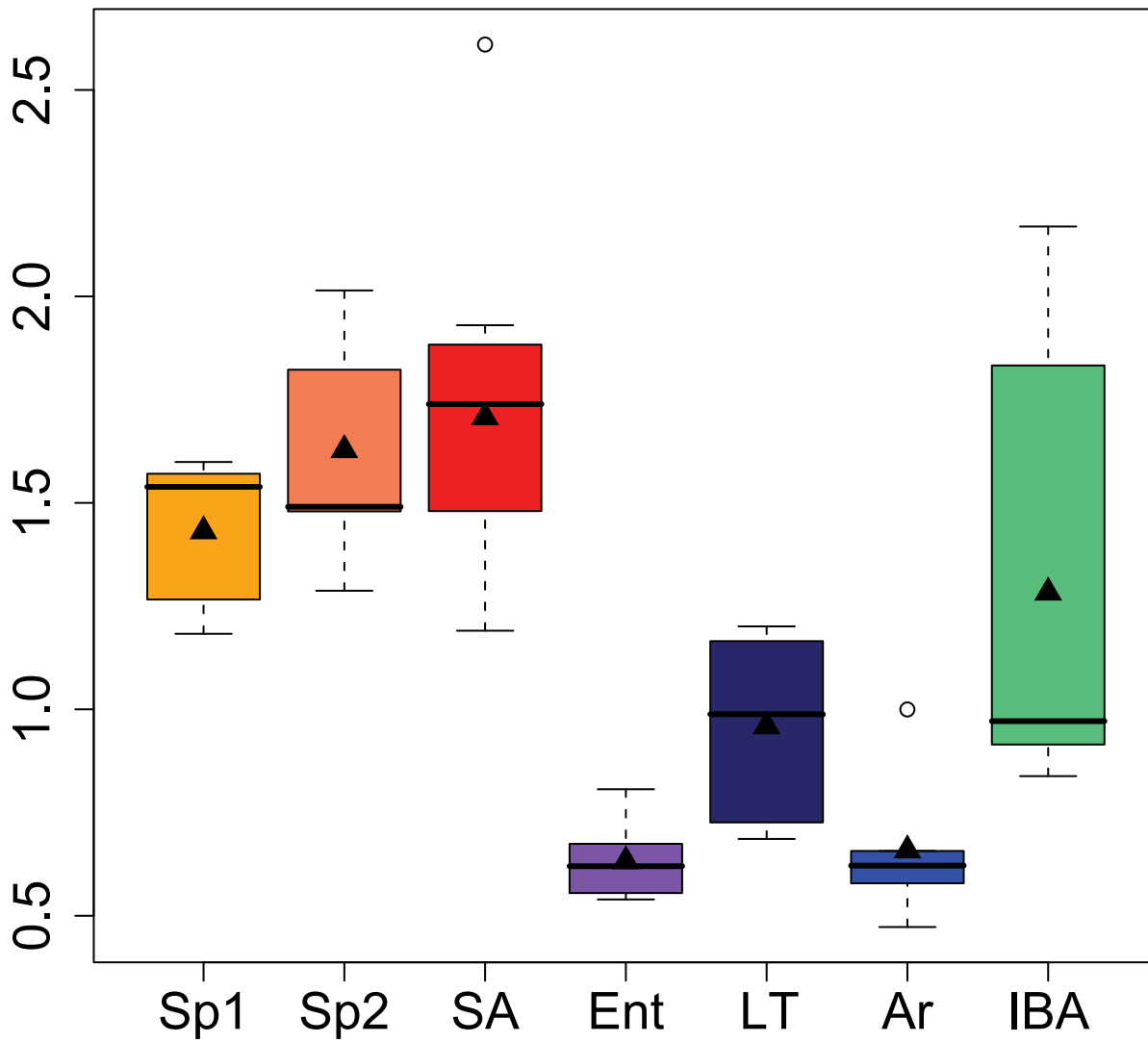
pyroglutamate (5-oxoproline)



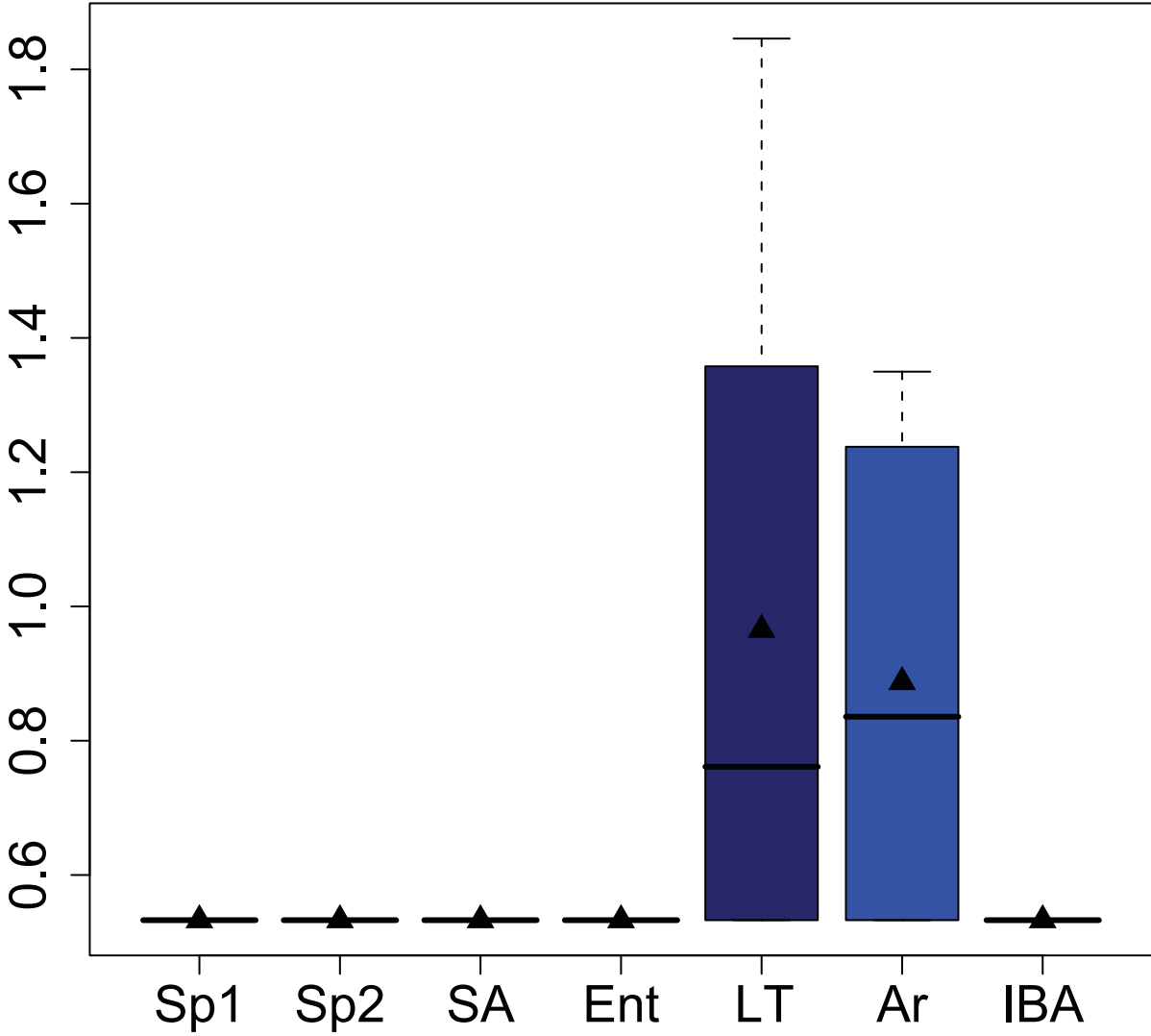
# betaine



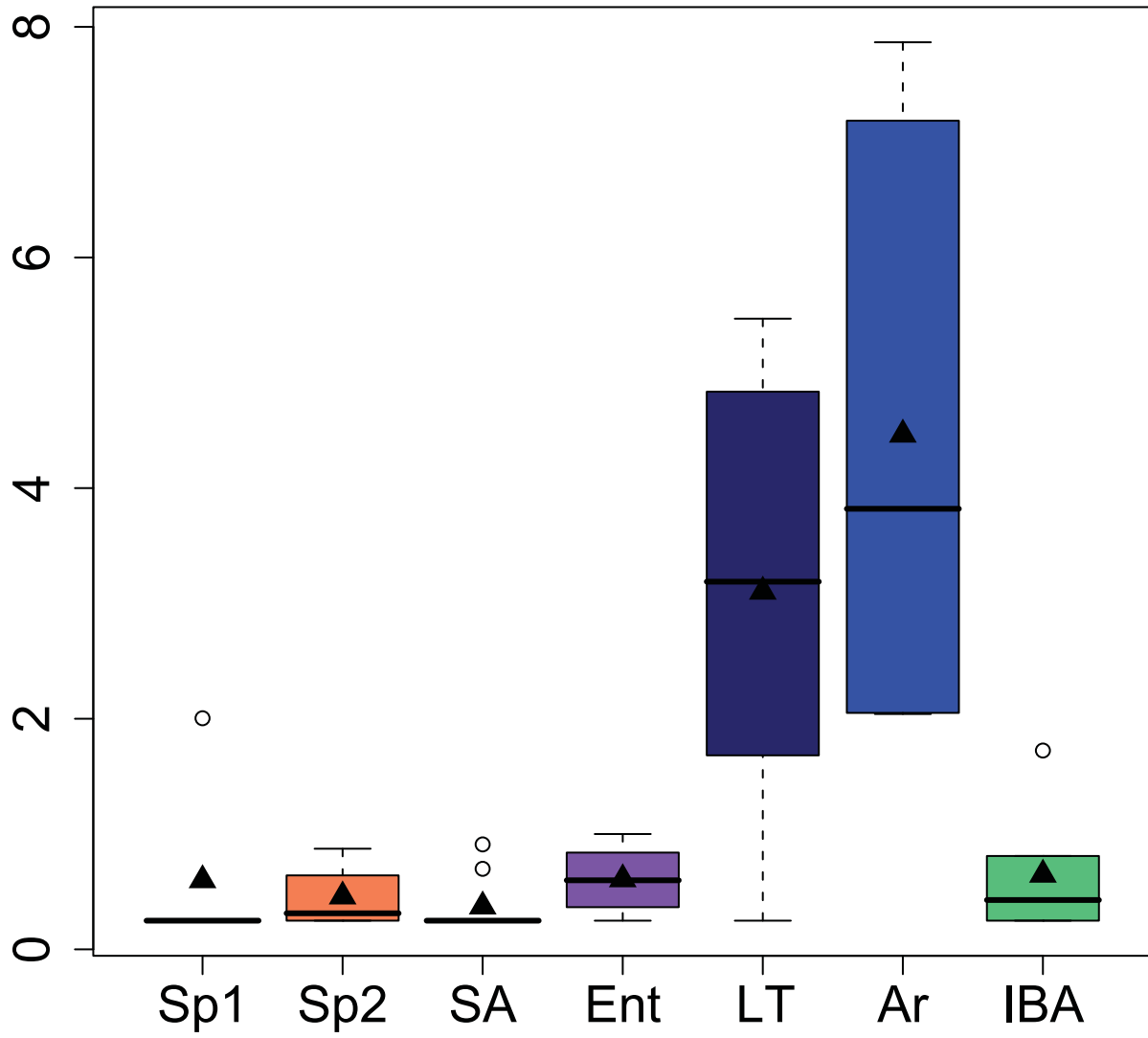
# glycine



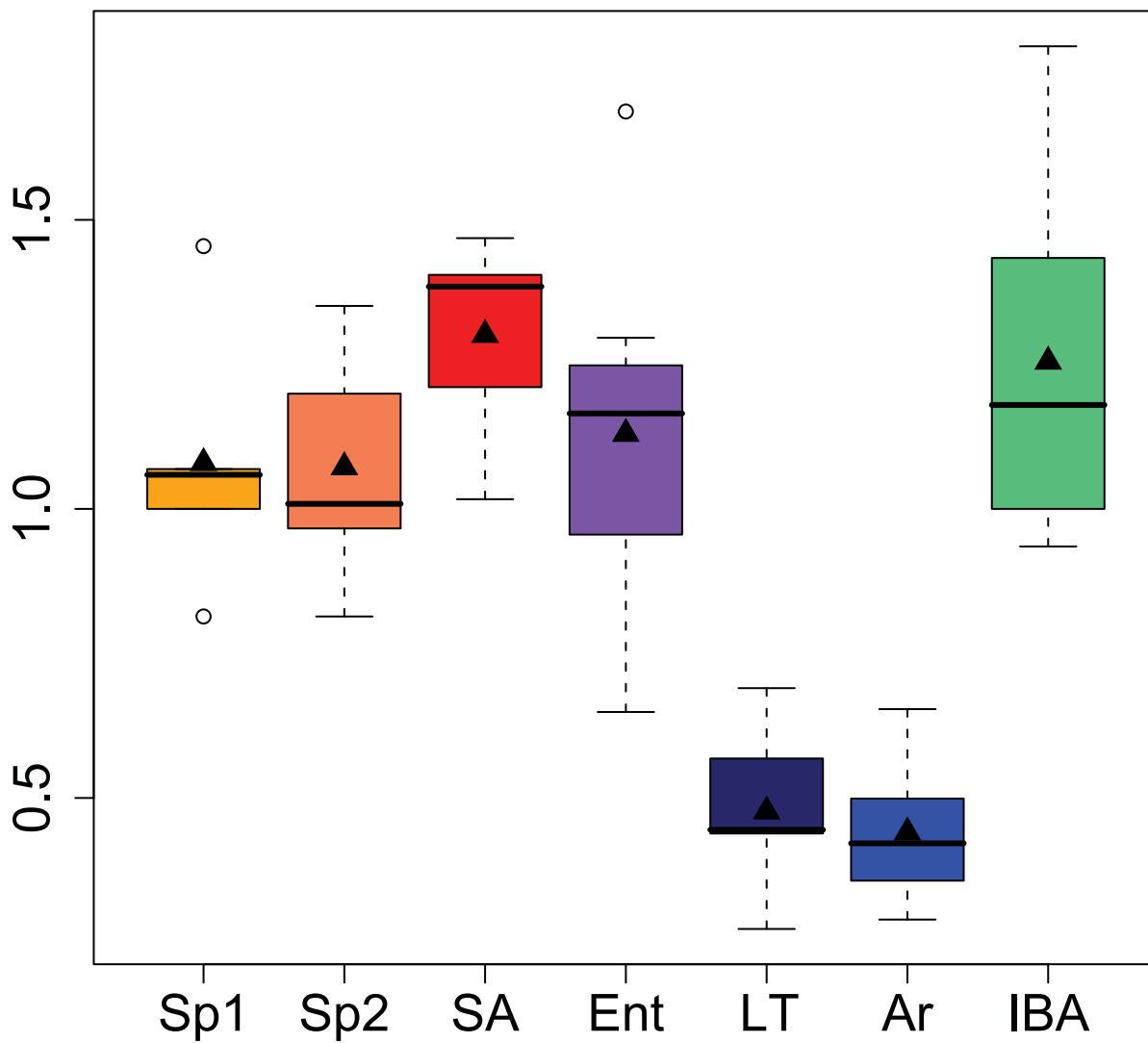
# N-acetylglycine



# N-acetylthreonine

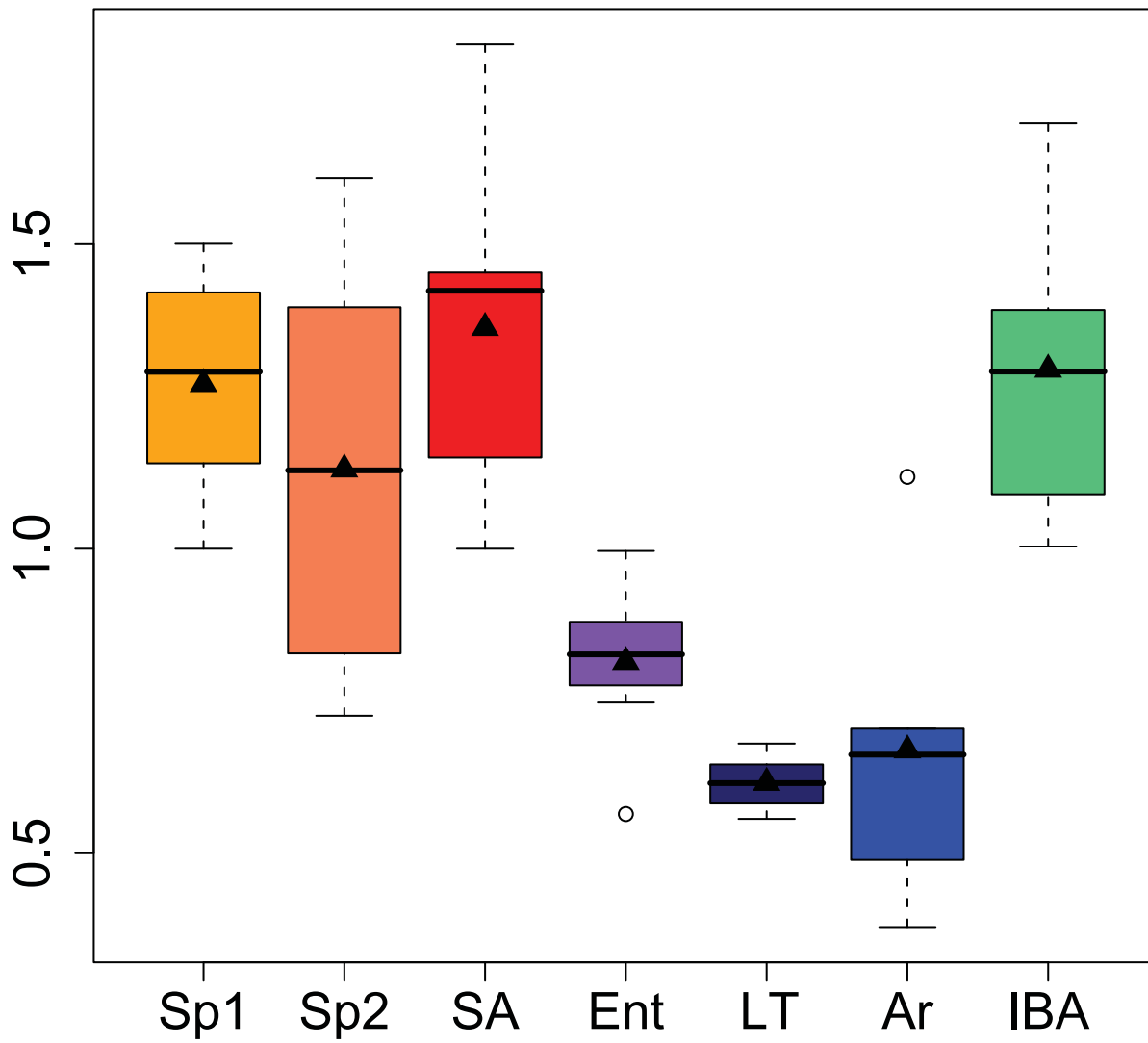


# serine

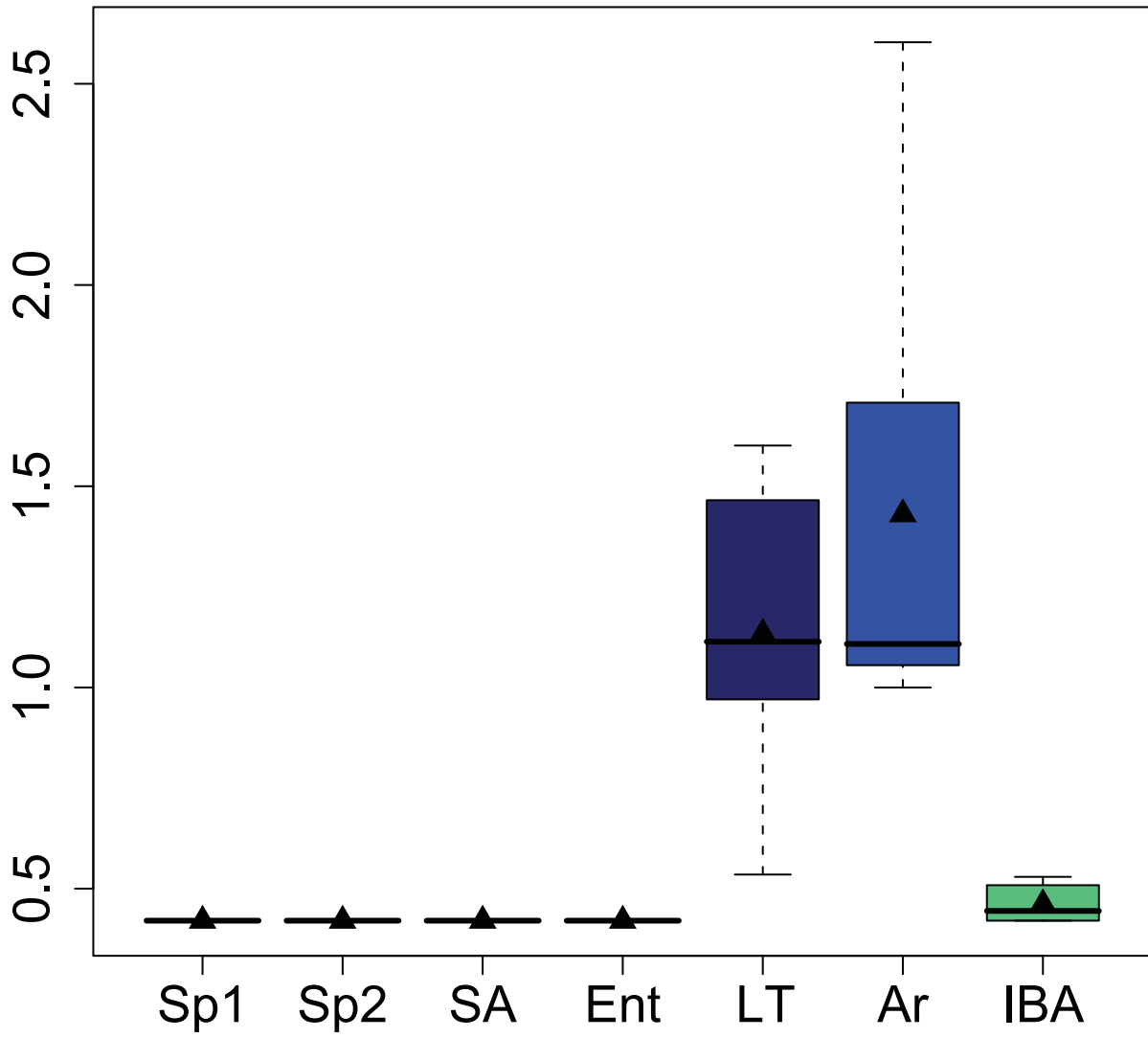




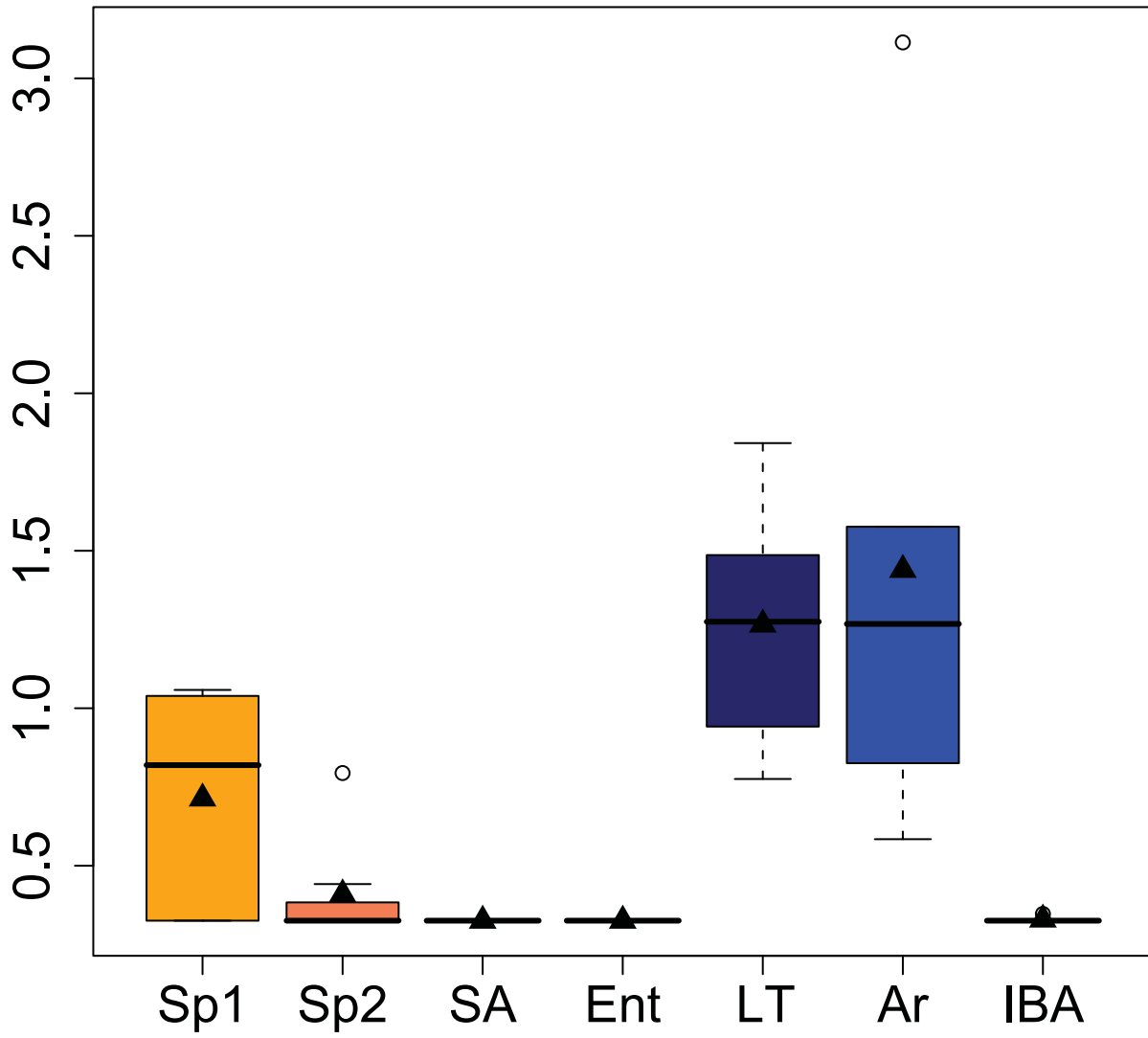
# threonine



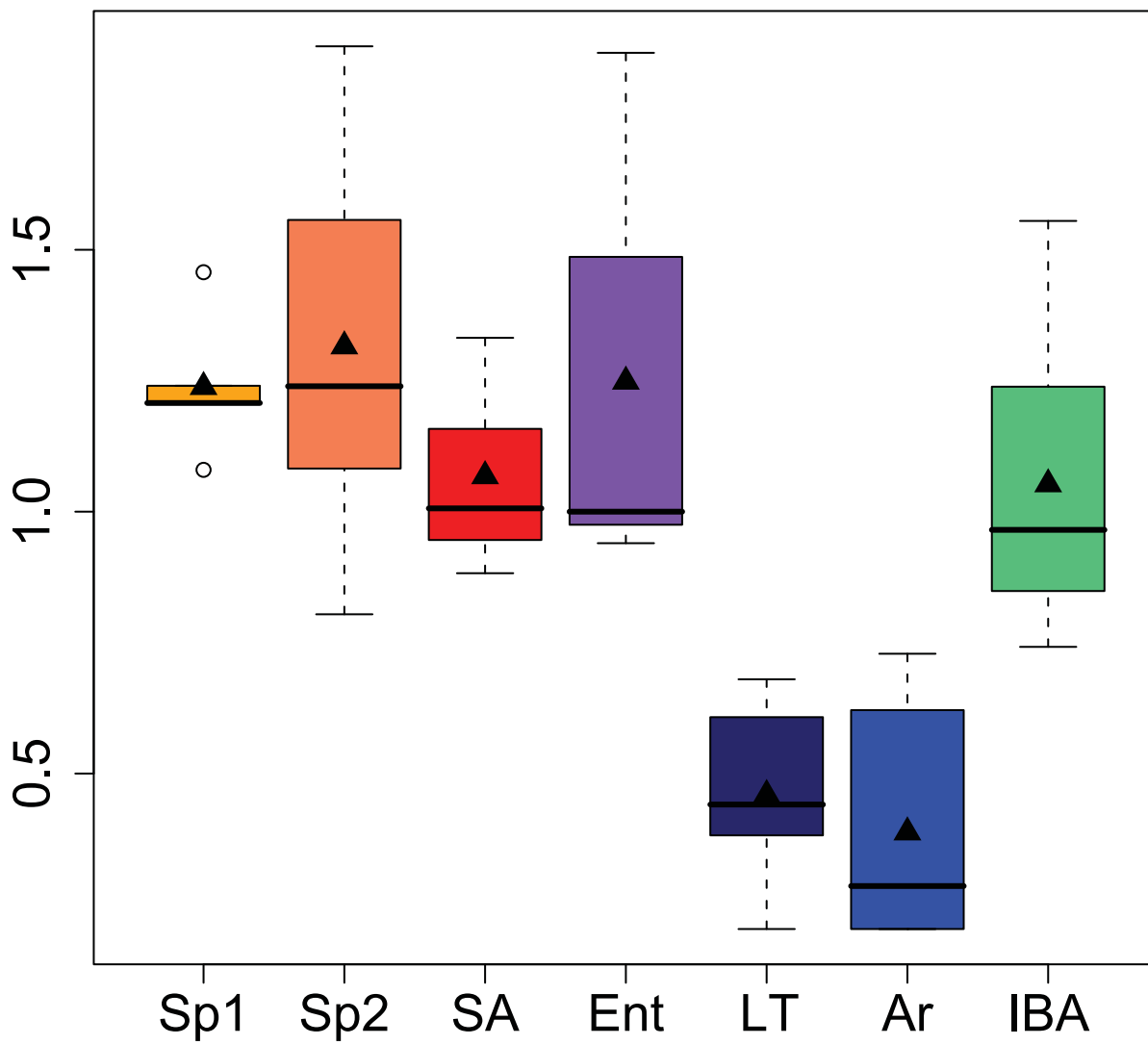
# 4-acetamidobutanoate



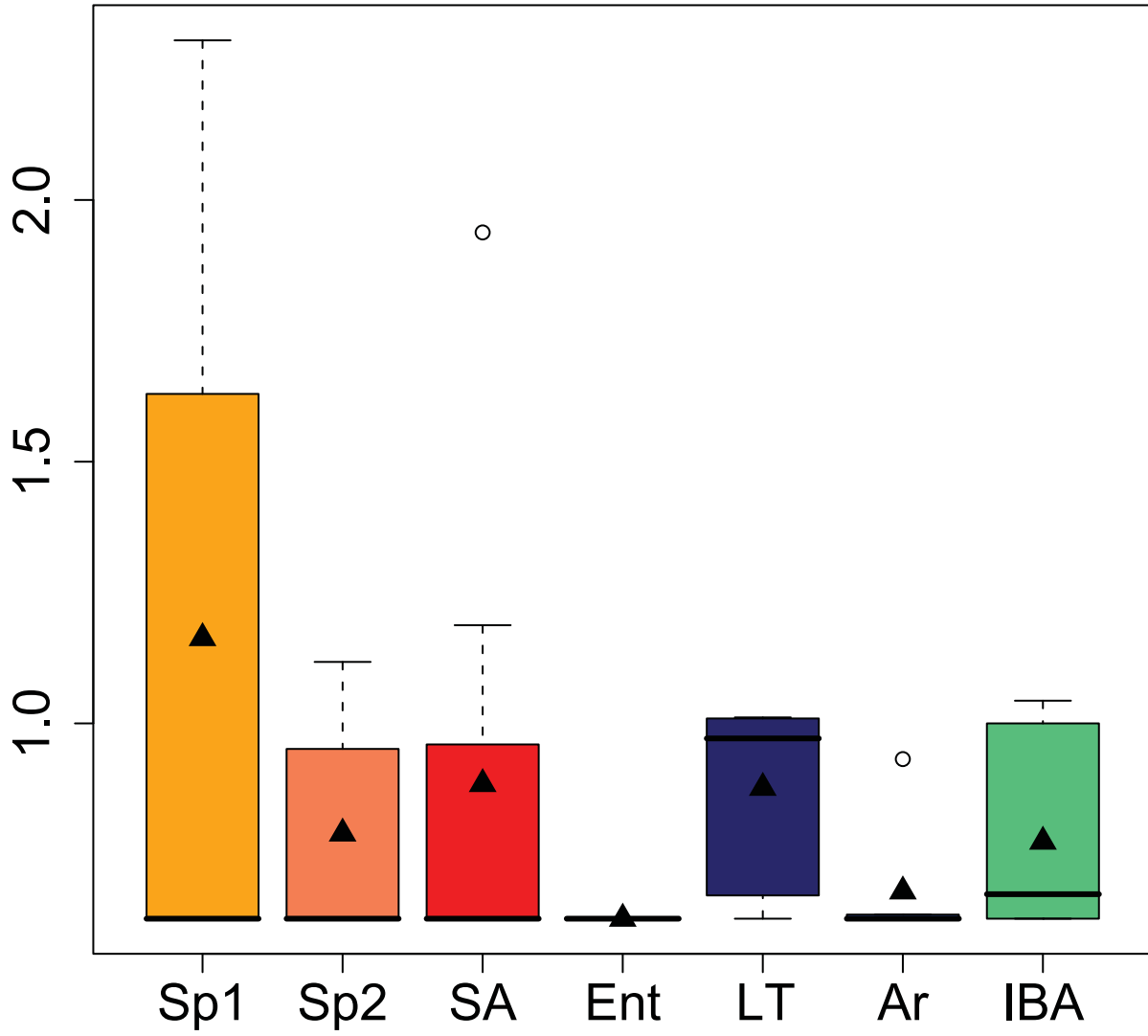
# 4-guanidinobutanoate



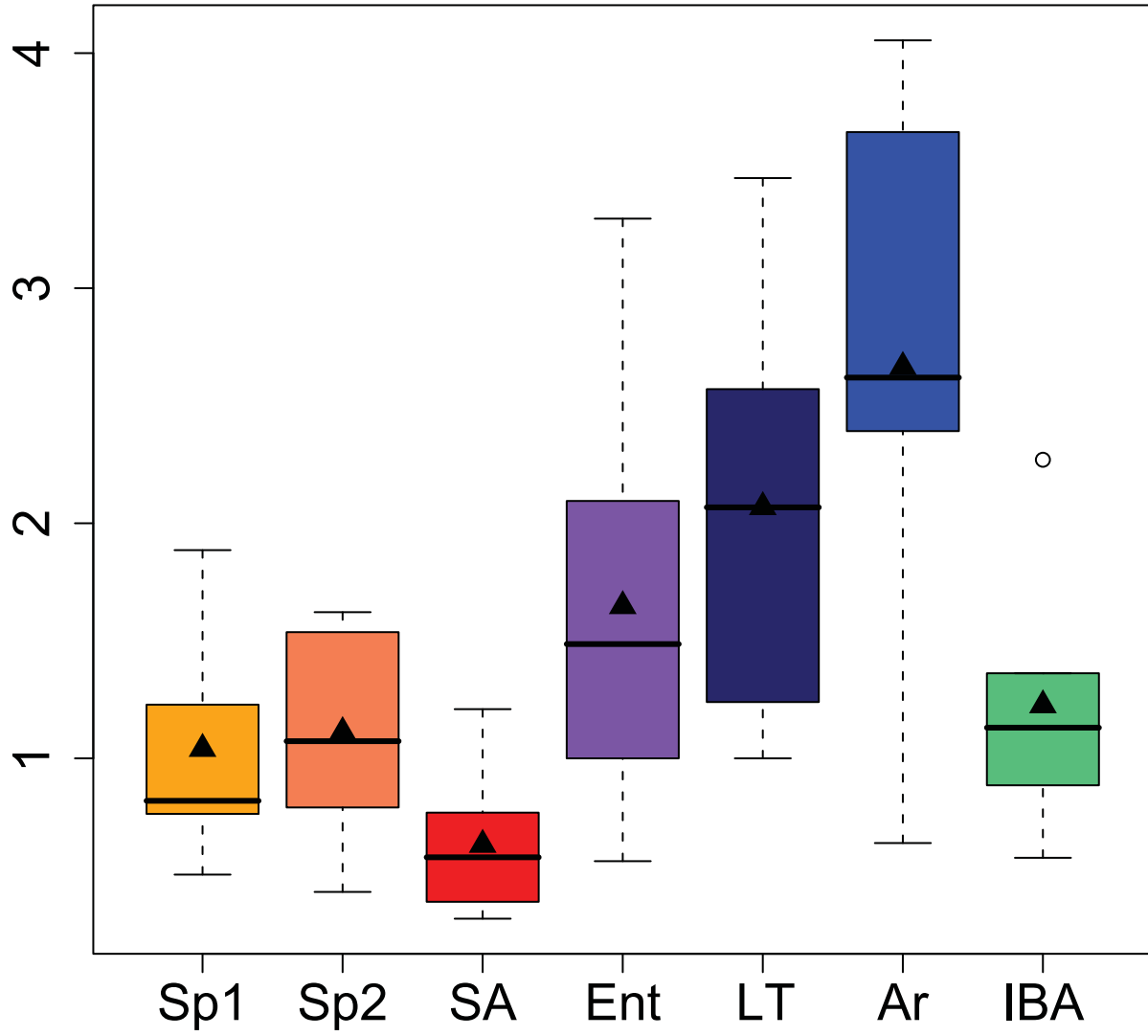
# histidine



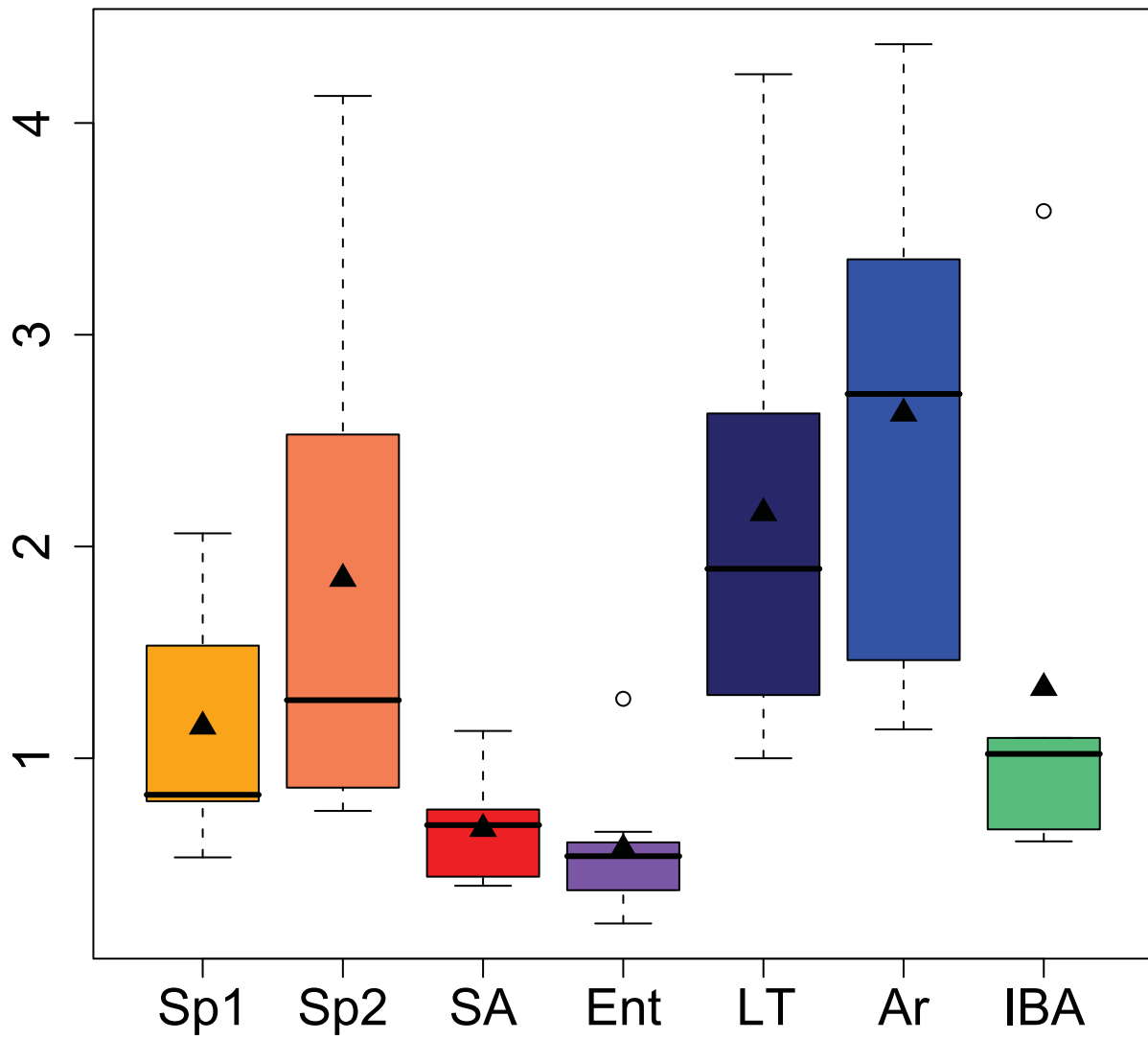
# urocanate



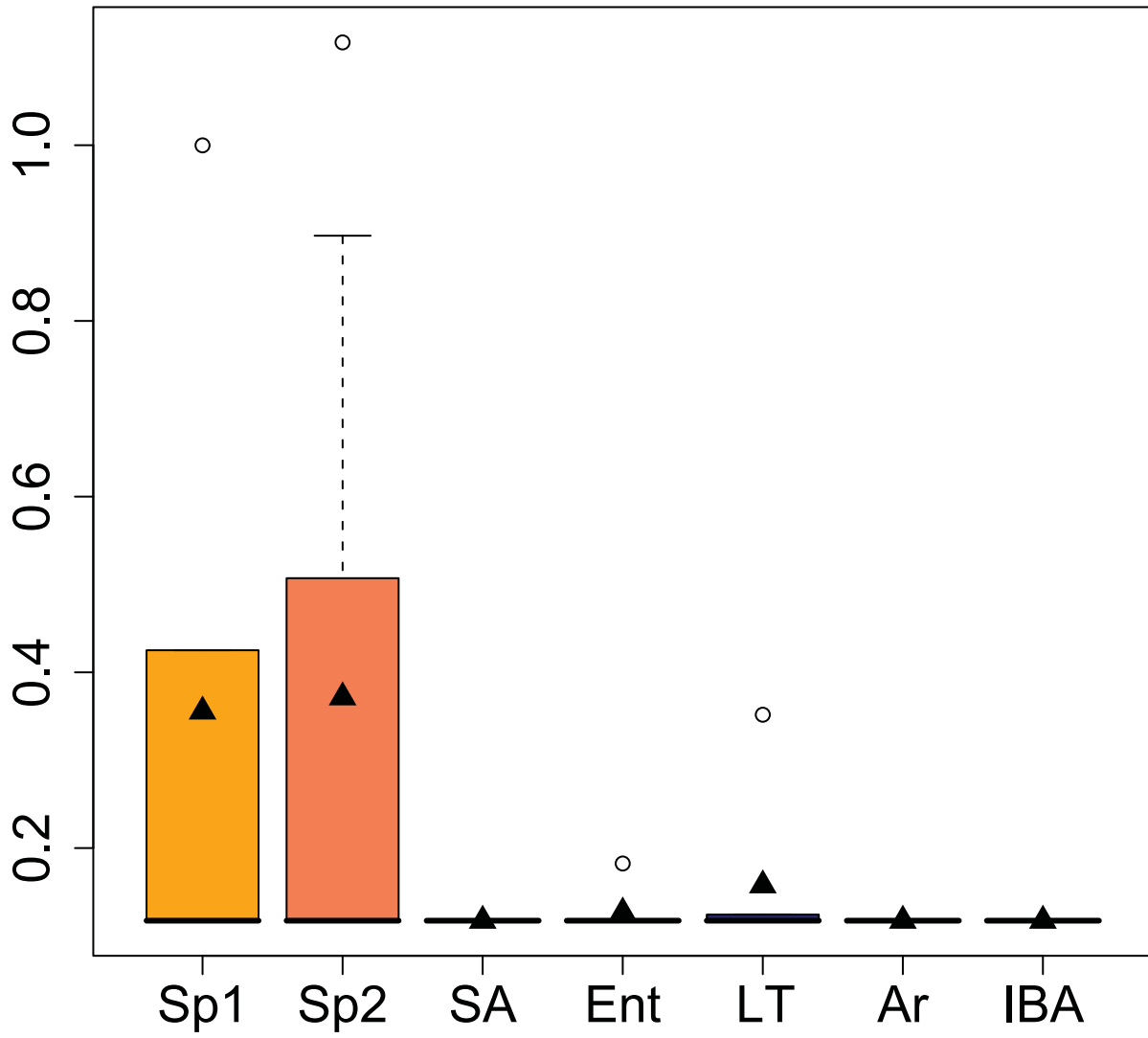
# lysine



# pipecolate

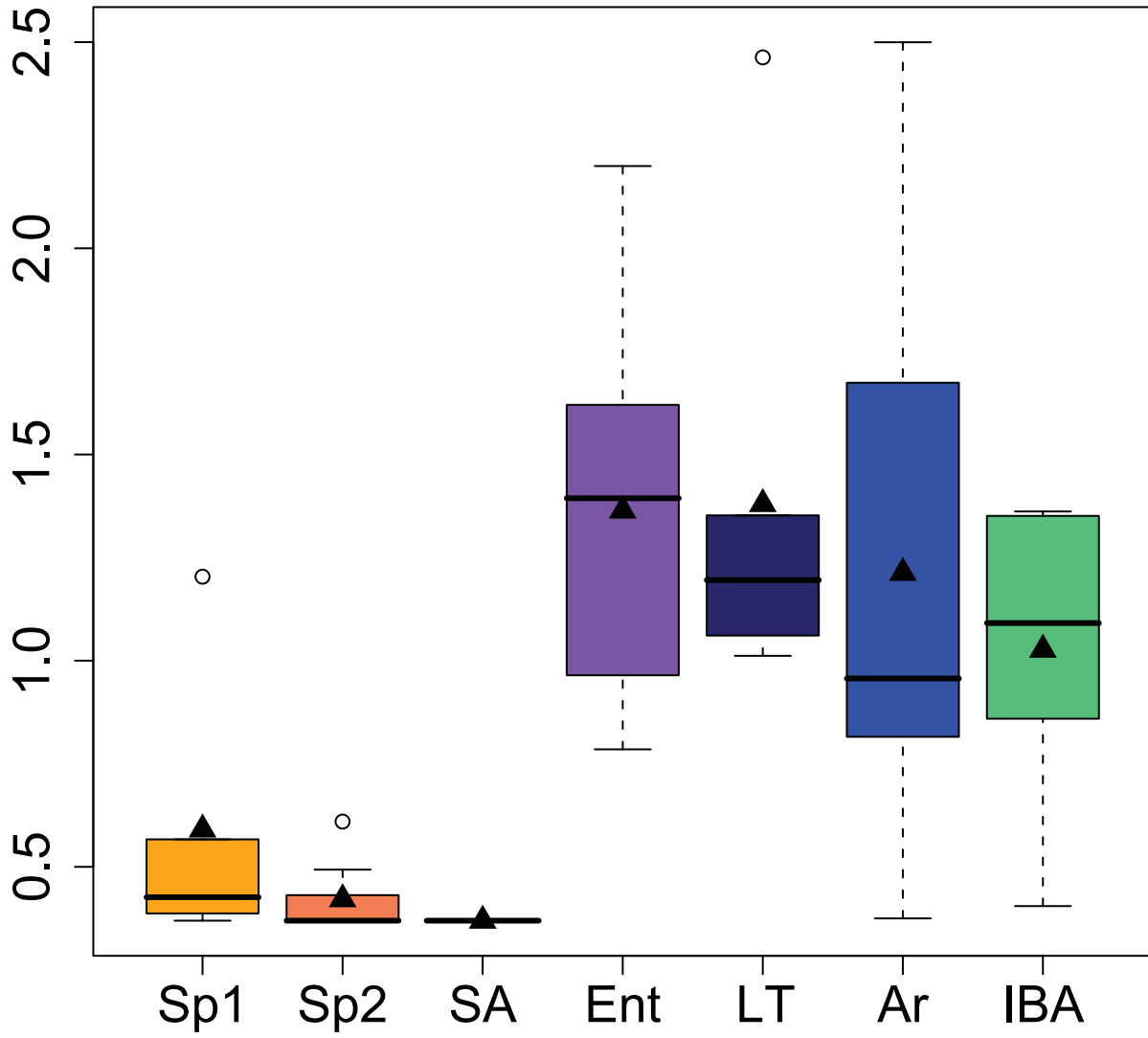


### 3-3-hydroxyphenyl-propionate

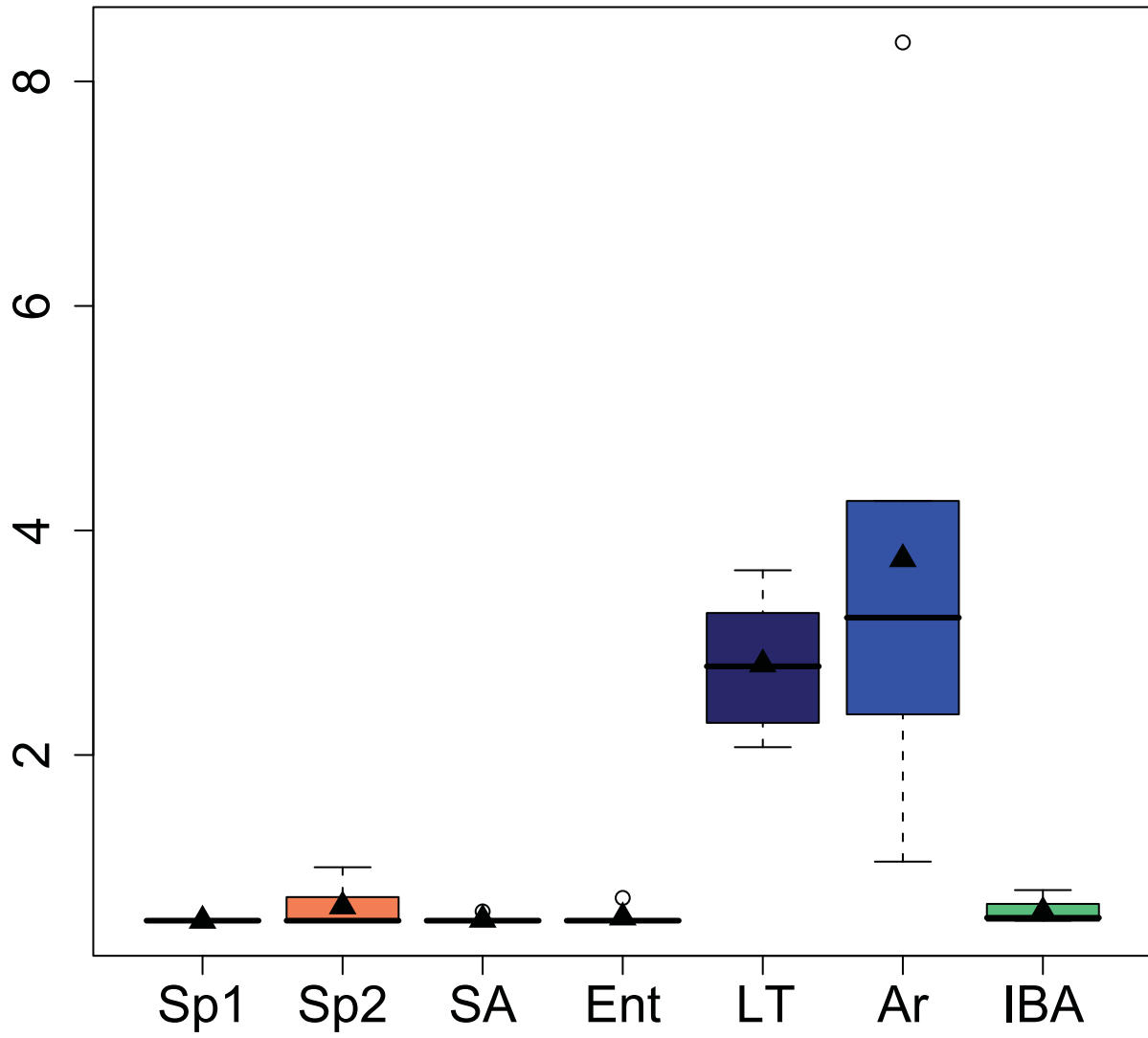




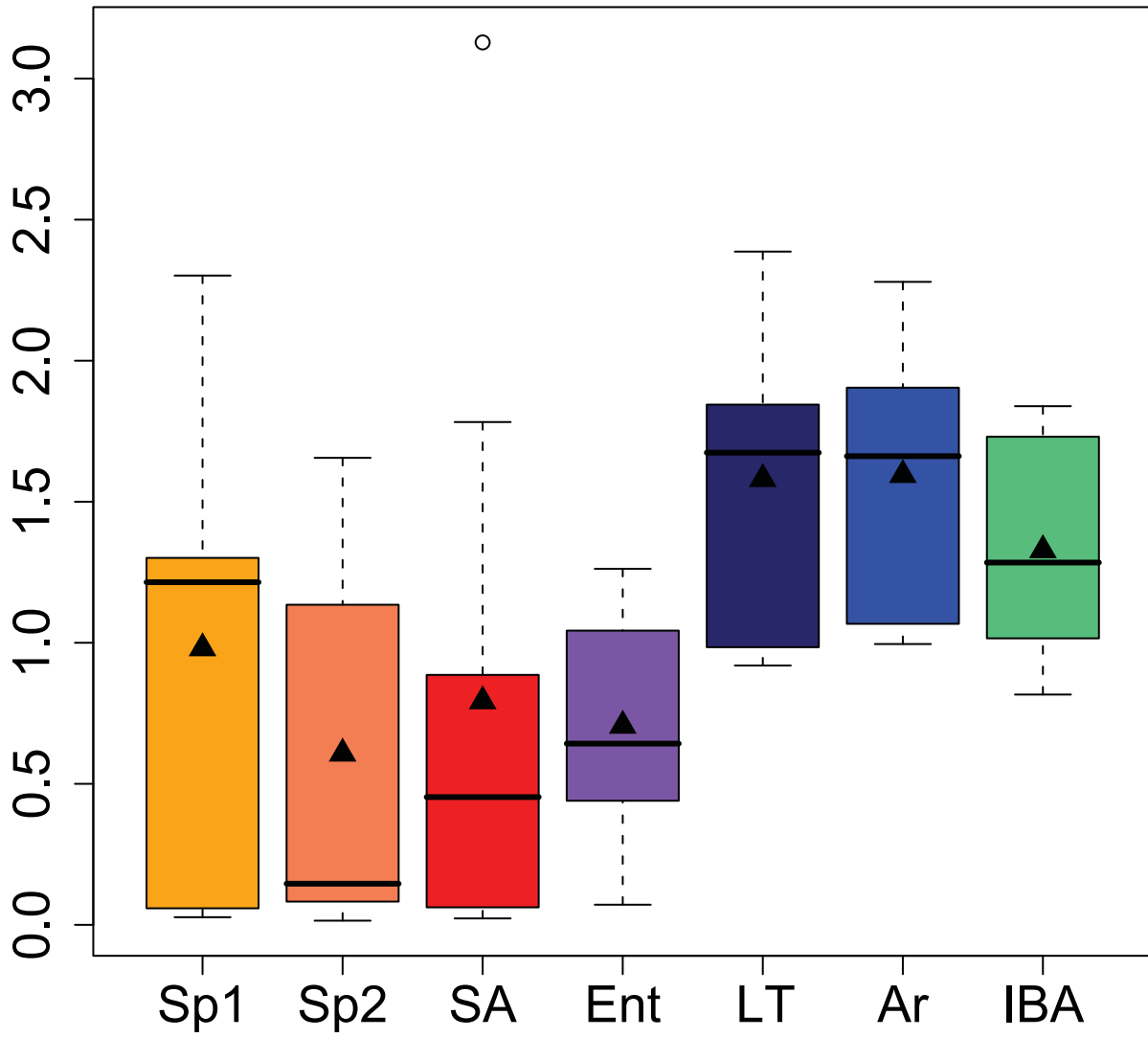
### 3-methoxytyrosine



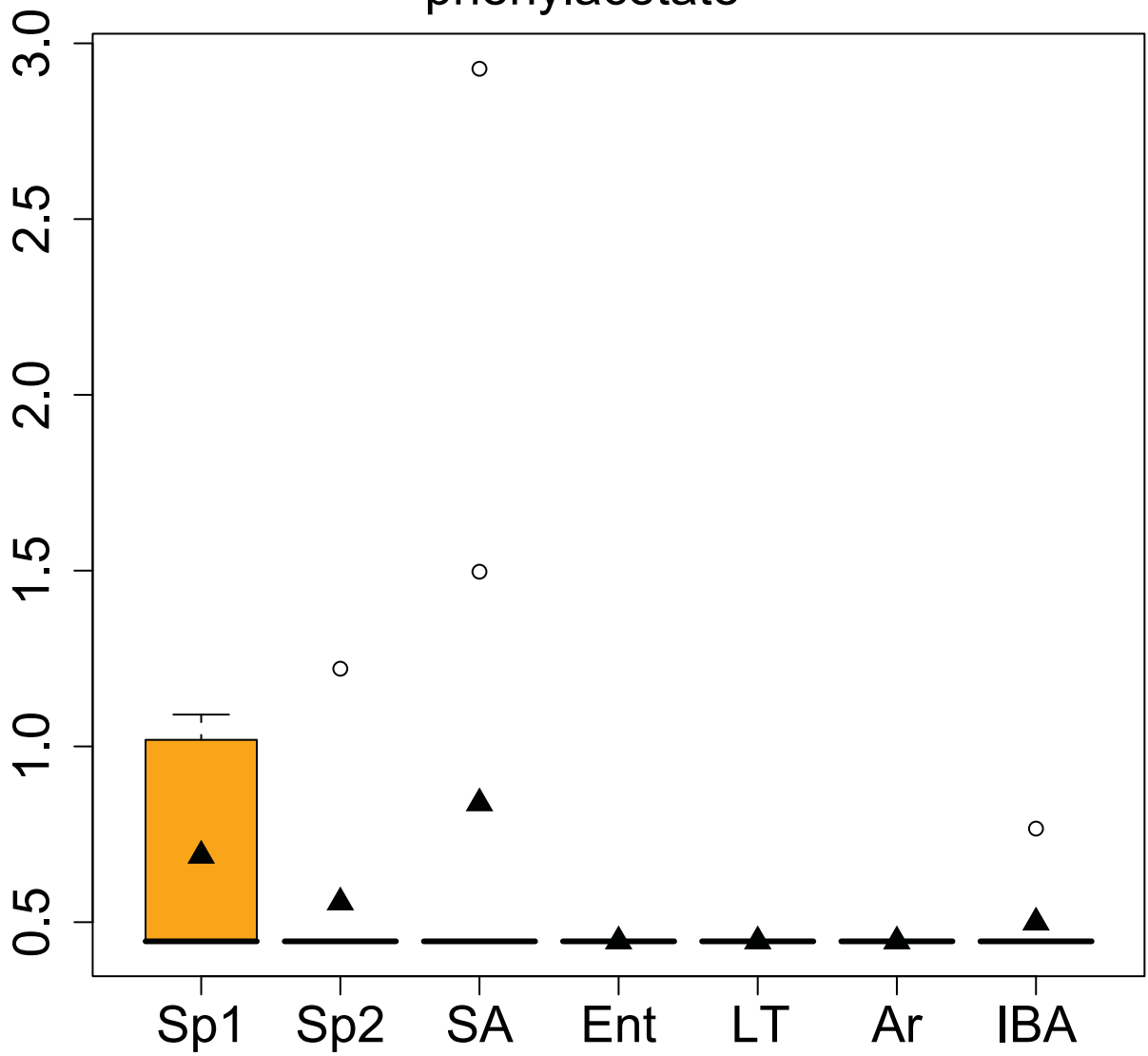
# N-acetylphenylalanine



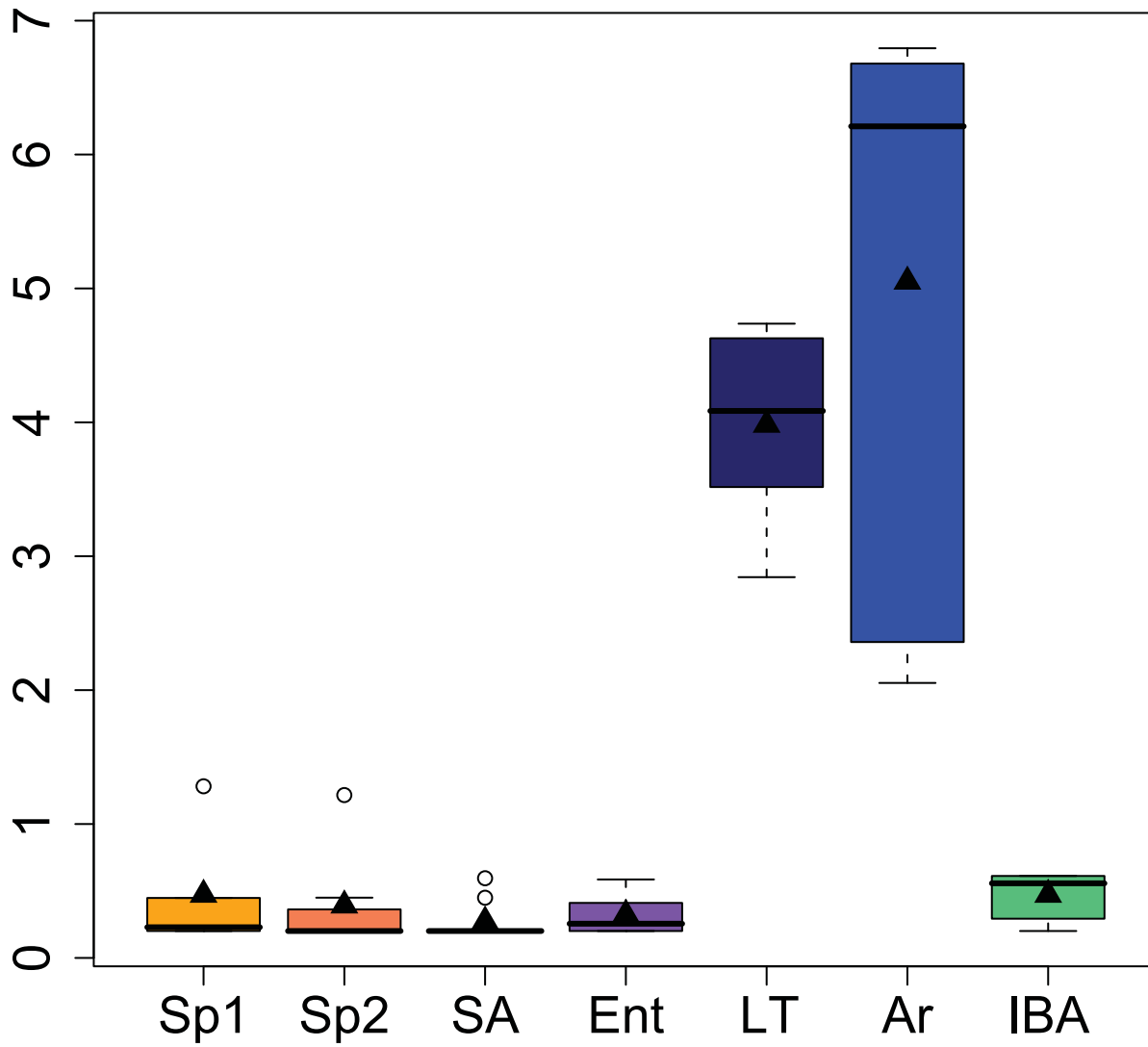
p-cresol sulfate\*



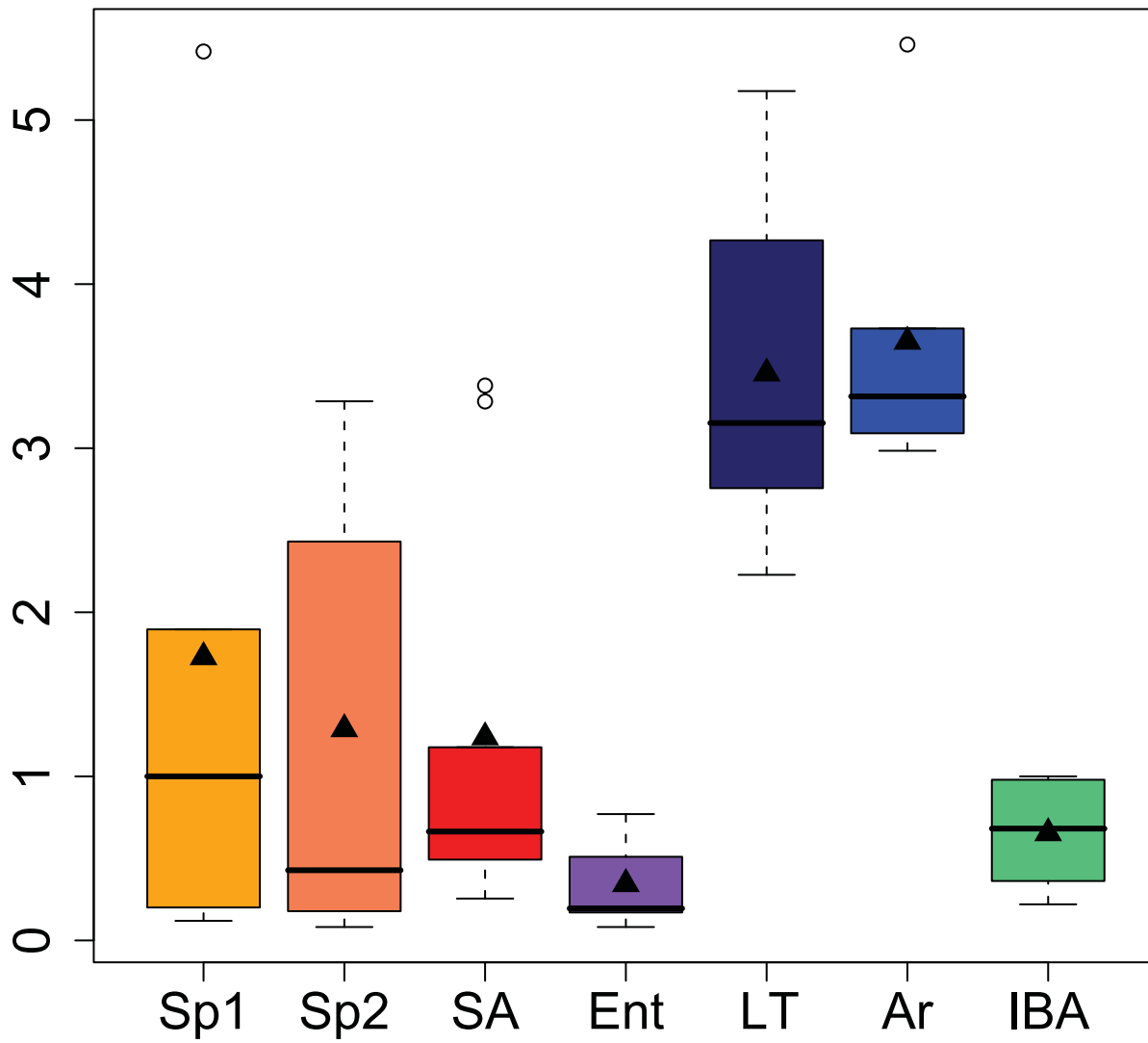
# phenylacetate



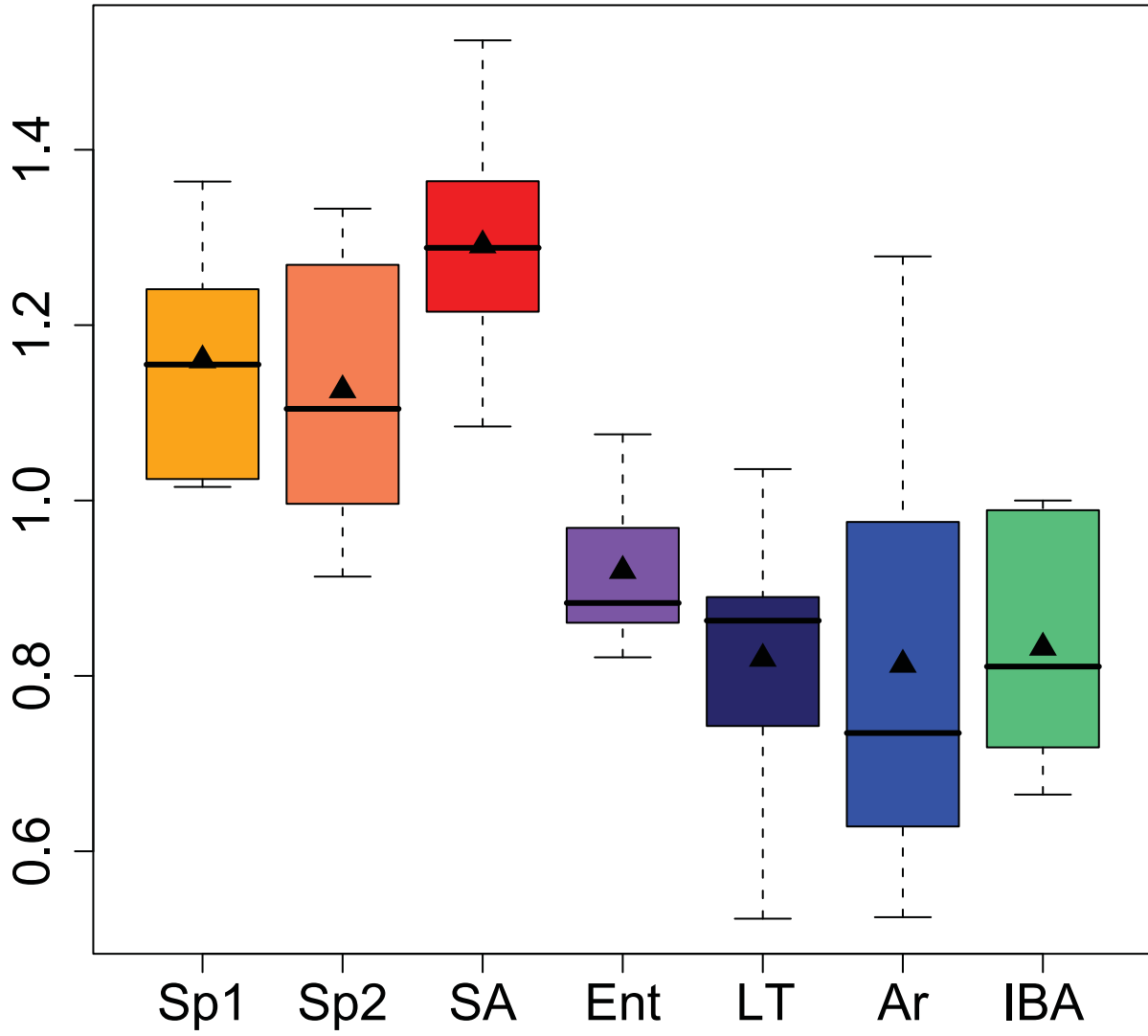
# phenylacetylglutamine



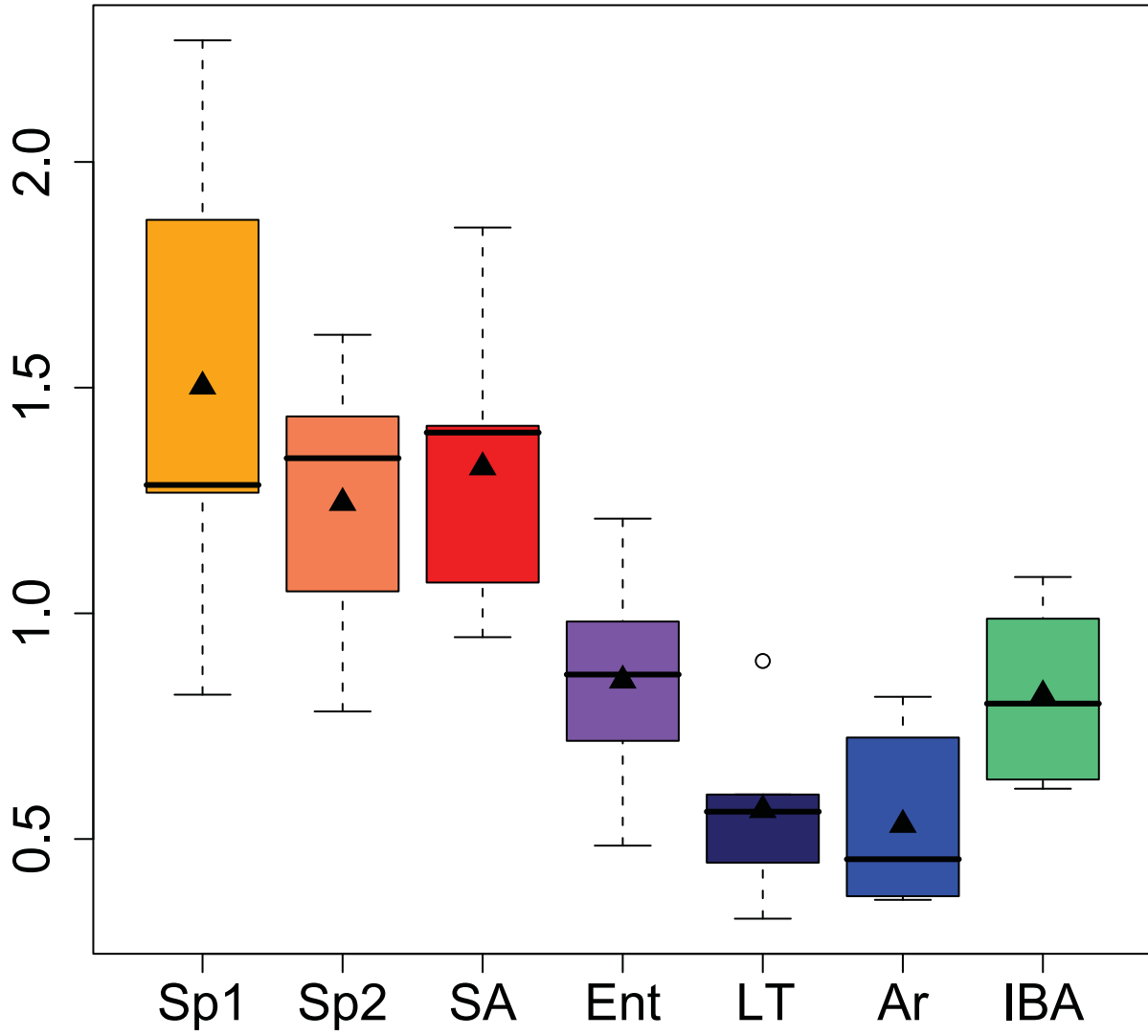
# phenylacetylglucine



# phenylalanine

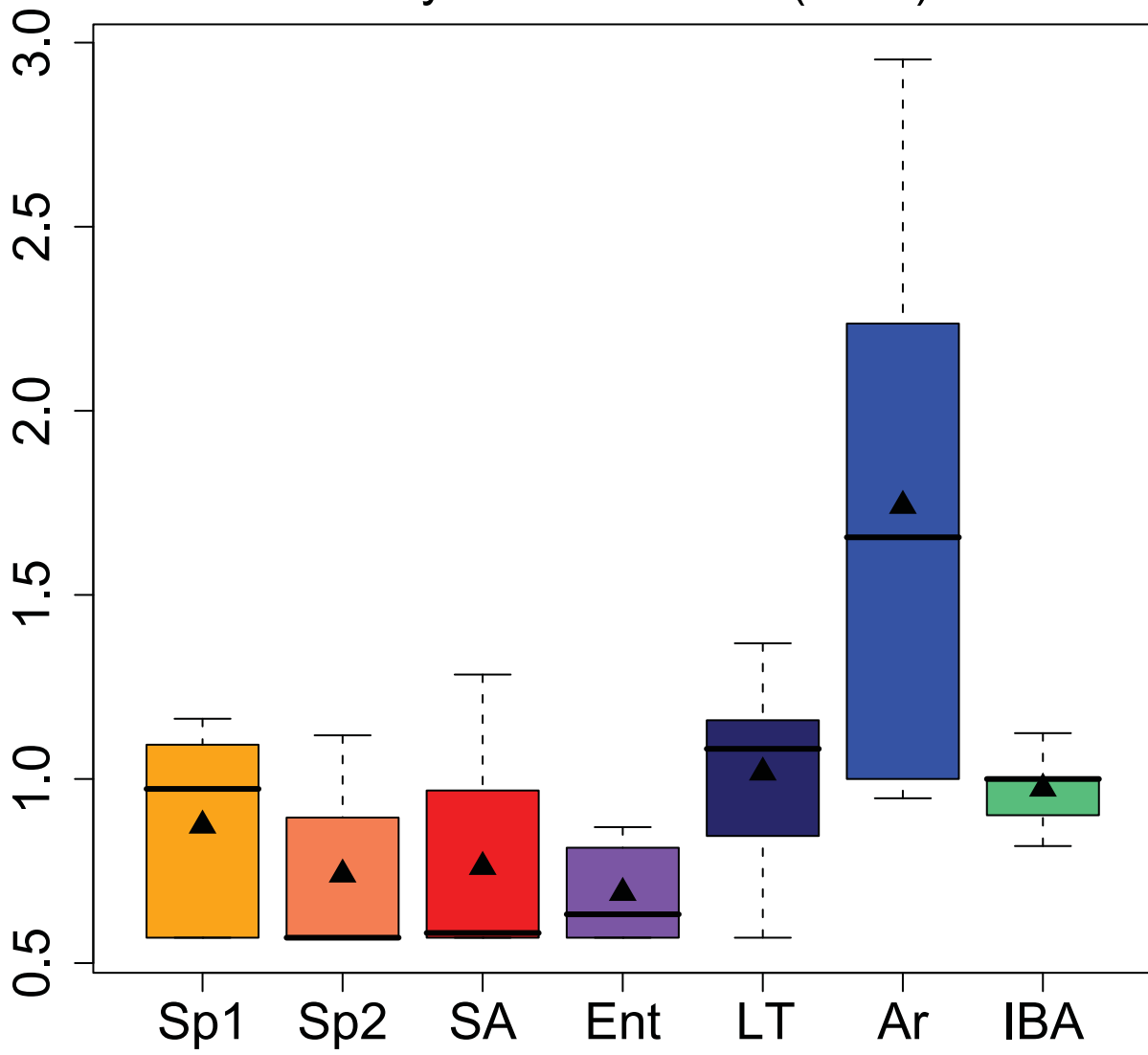


# tyrosine

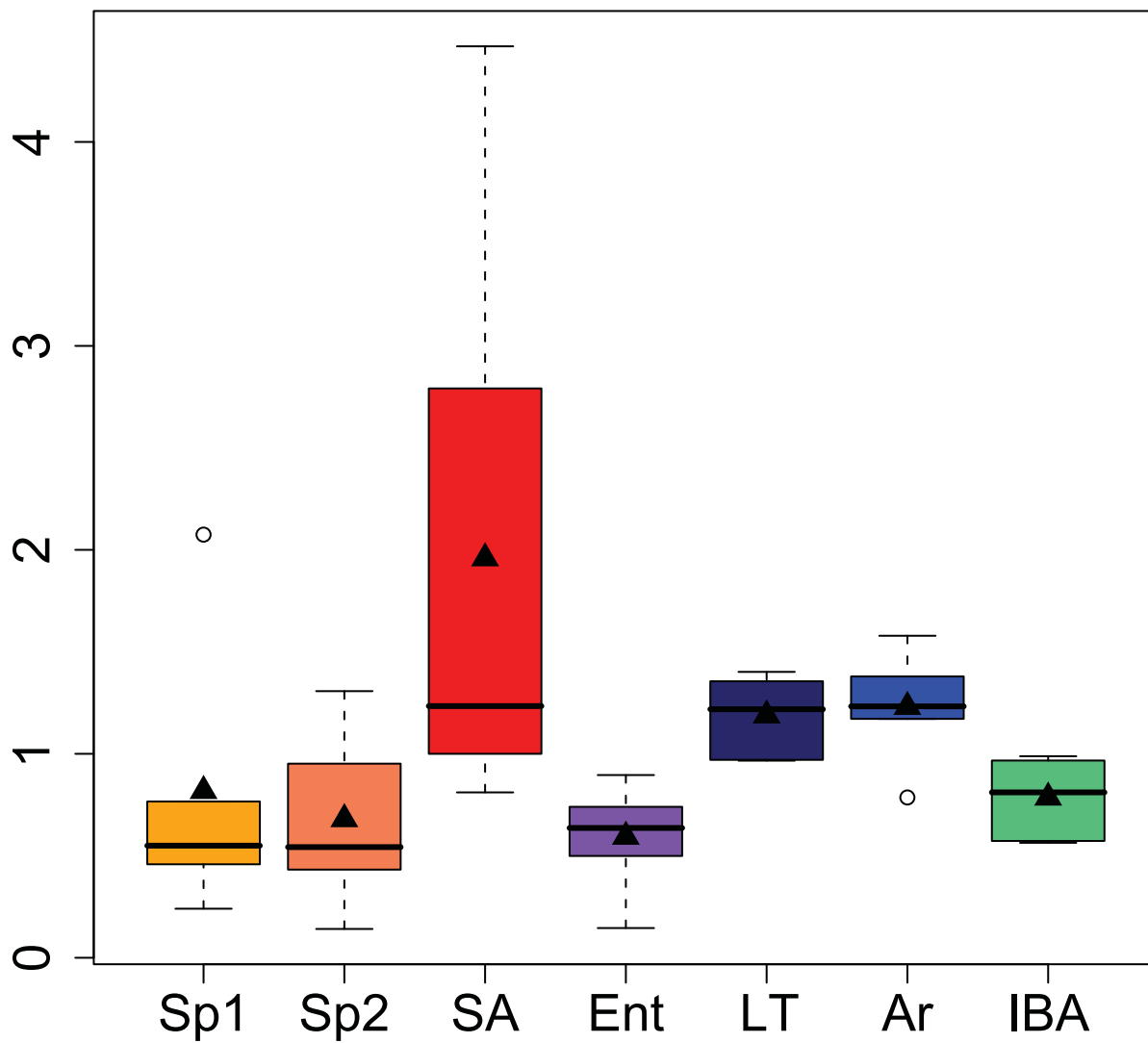




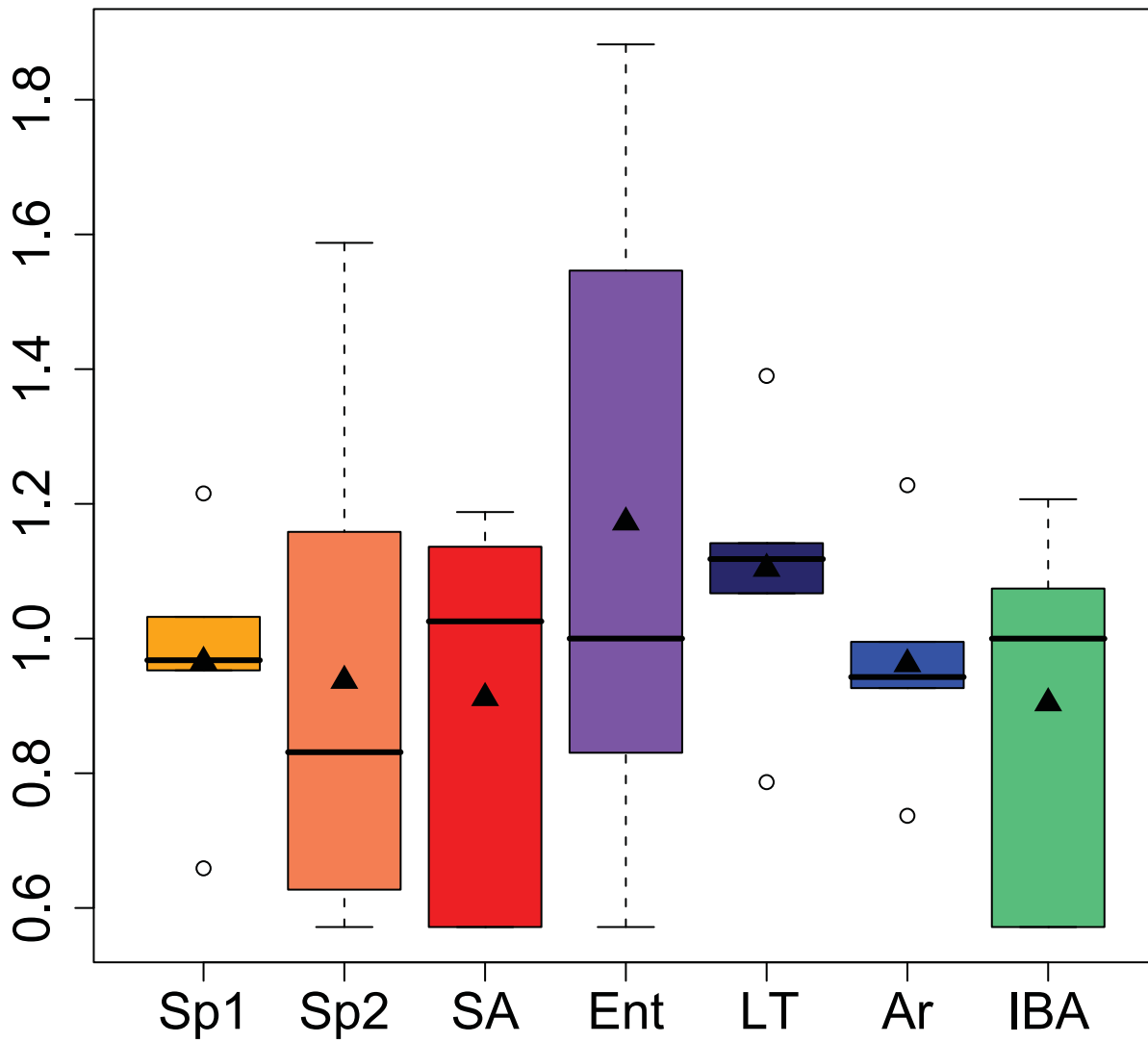
### 5-methylthioadenosine (MTA)



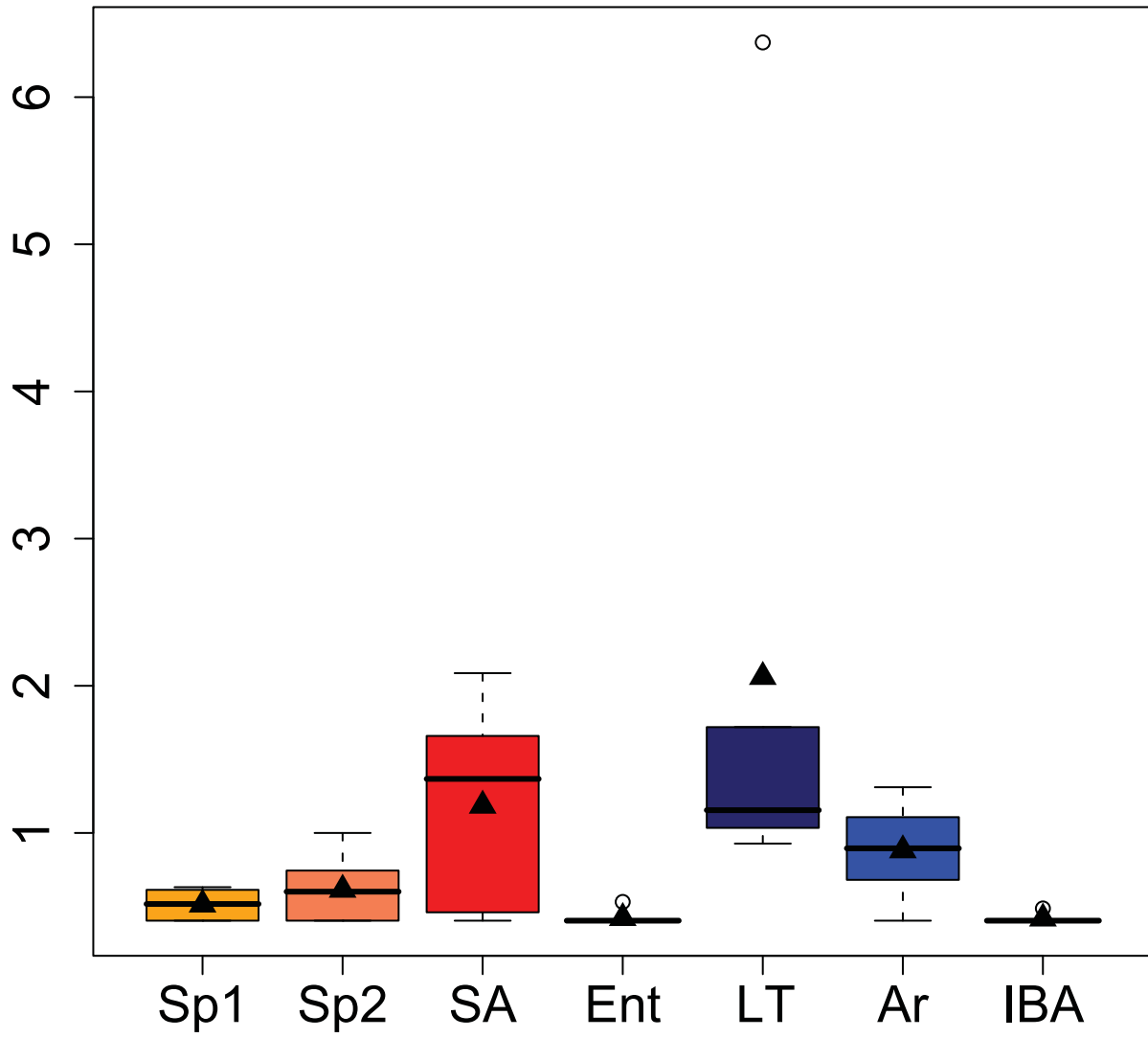
### 3-indoxyl-sulfate



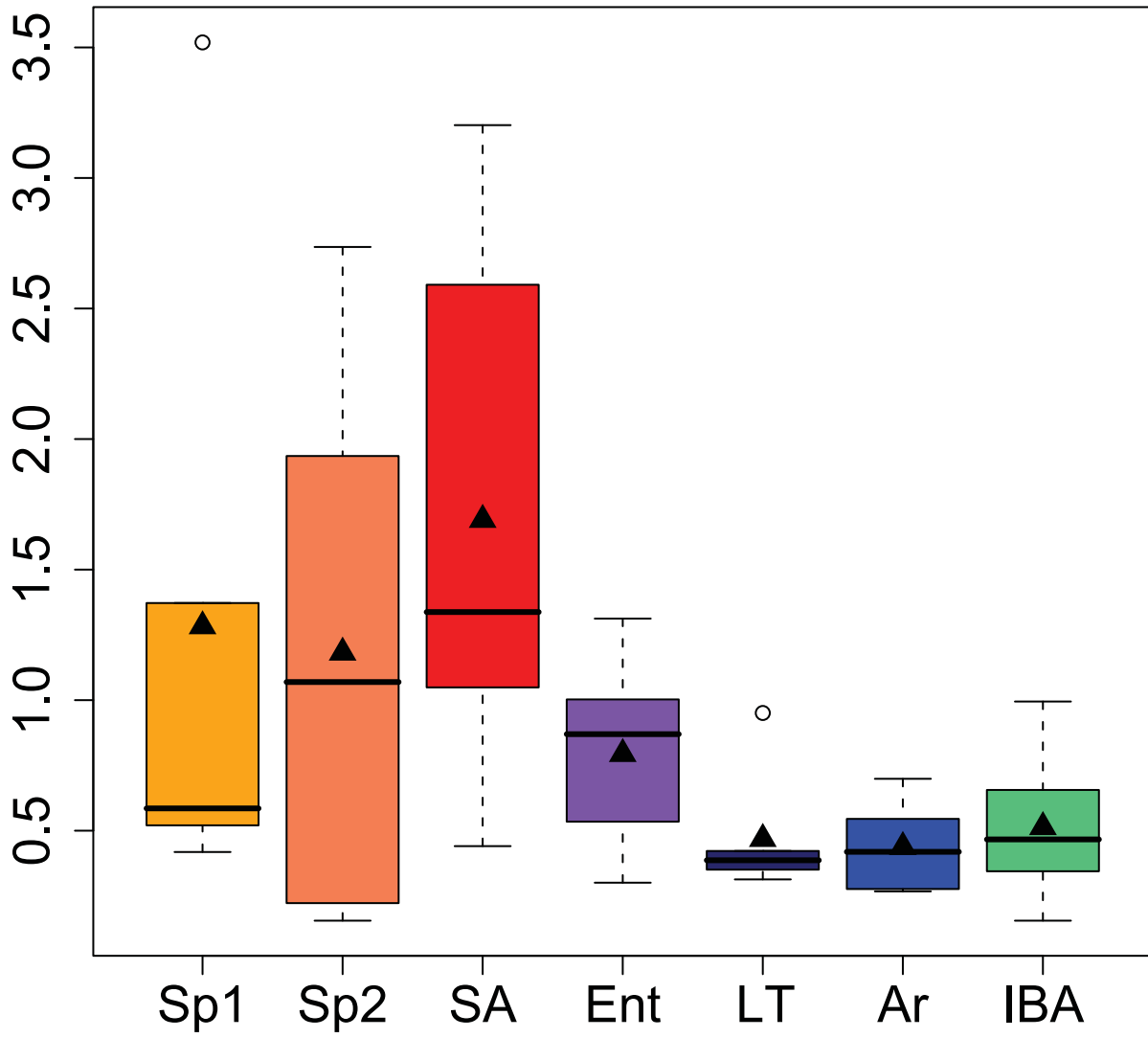
# anthranilate



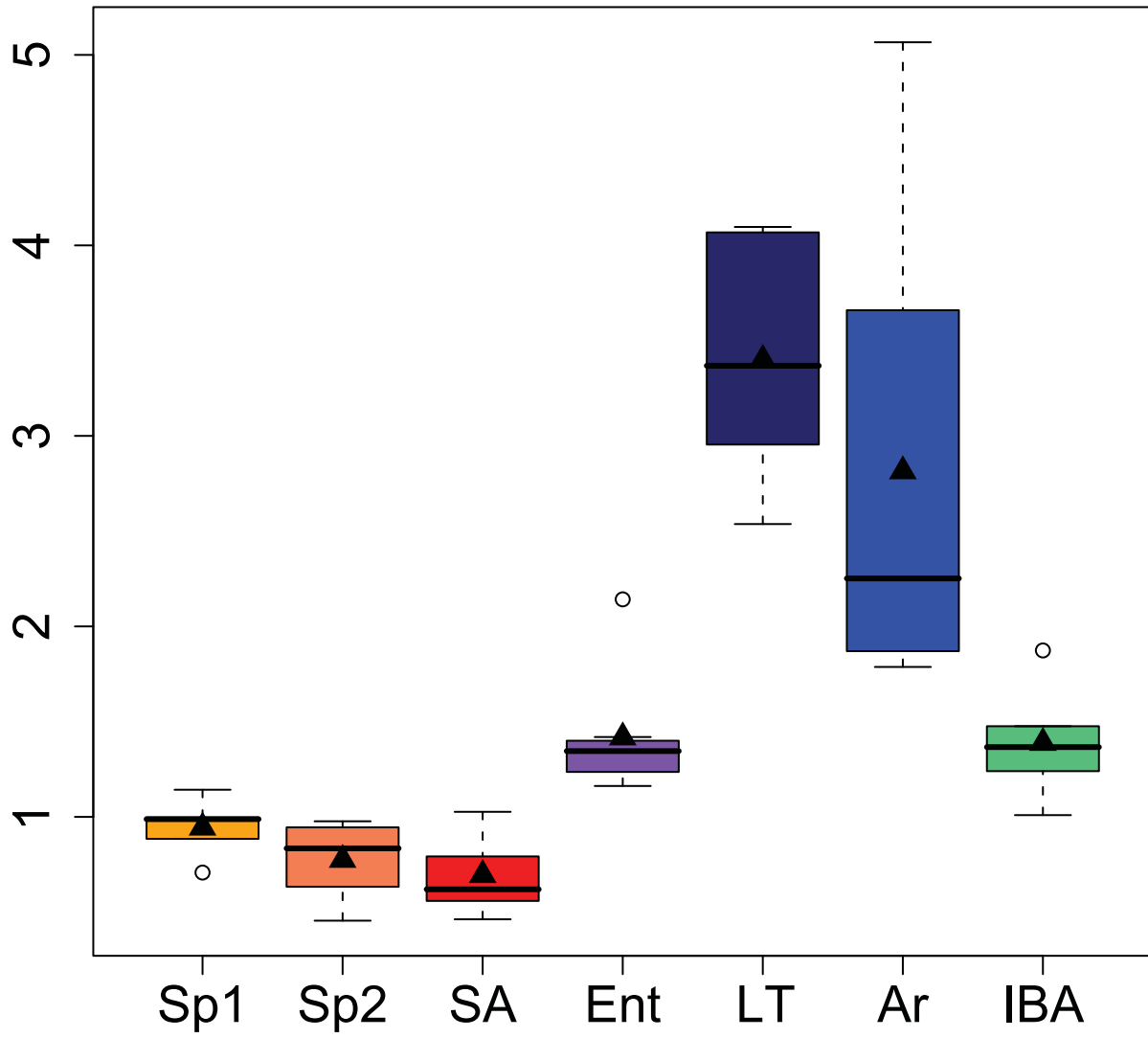
# indoleacetate



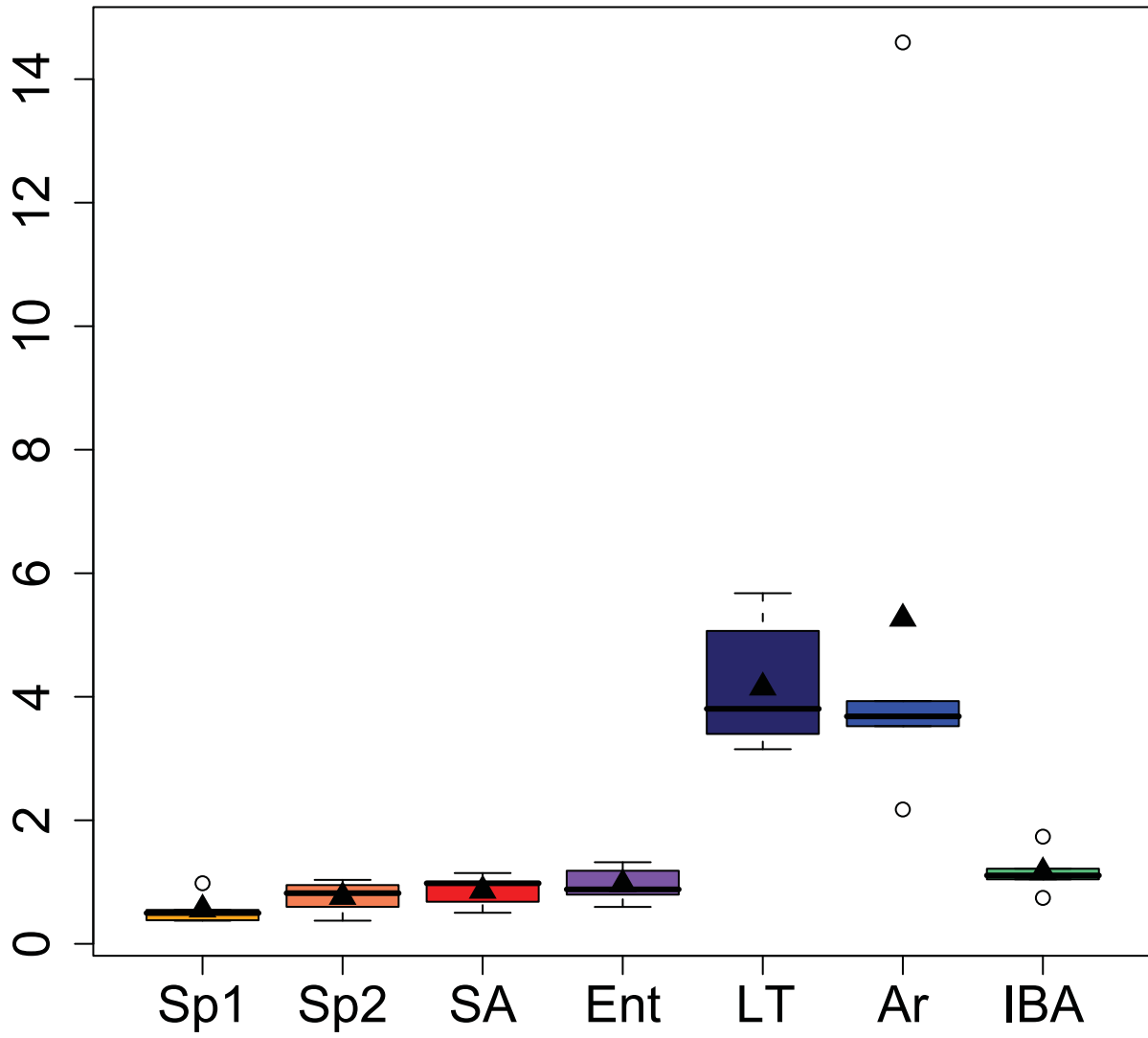
# indolepropionate



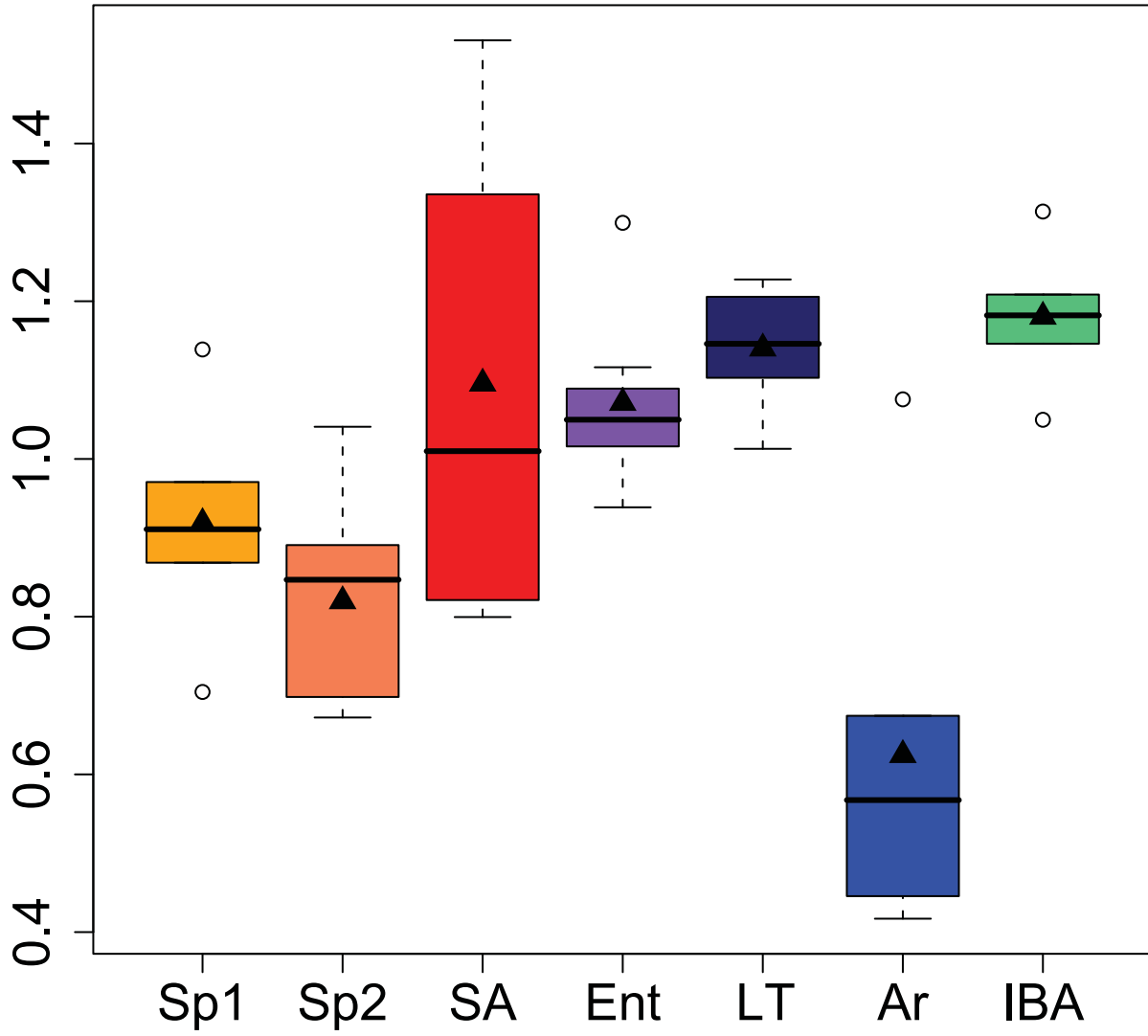
# kynurenine



# N-acetyltryptophan

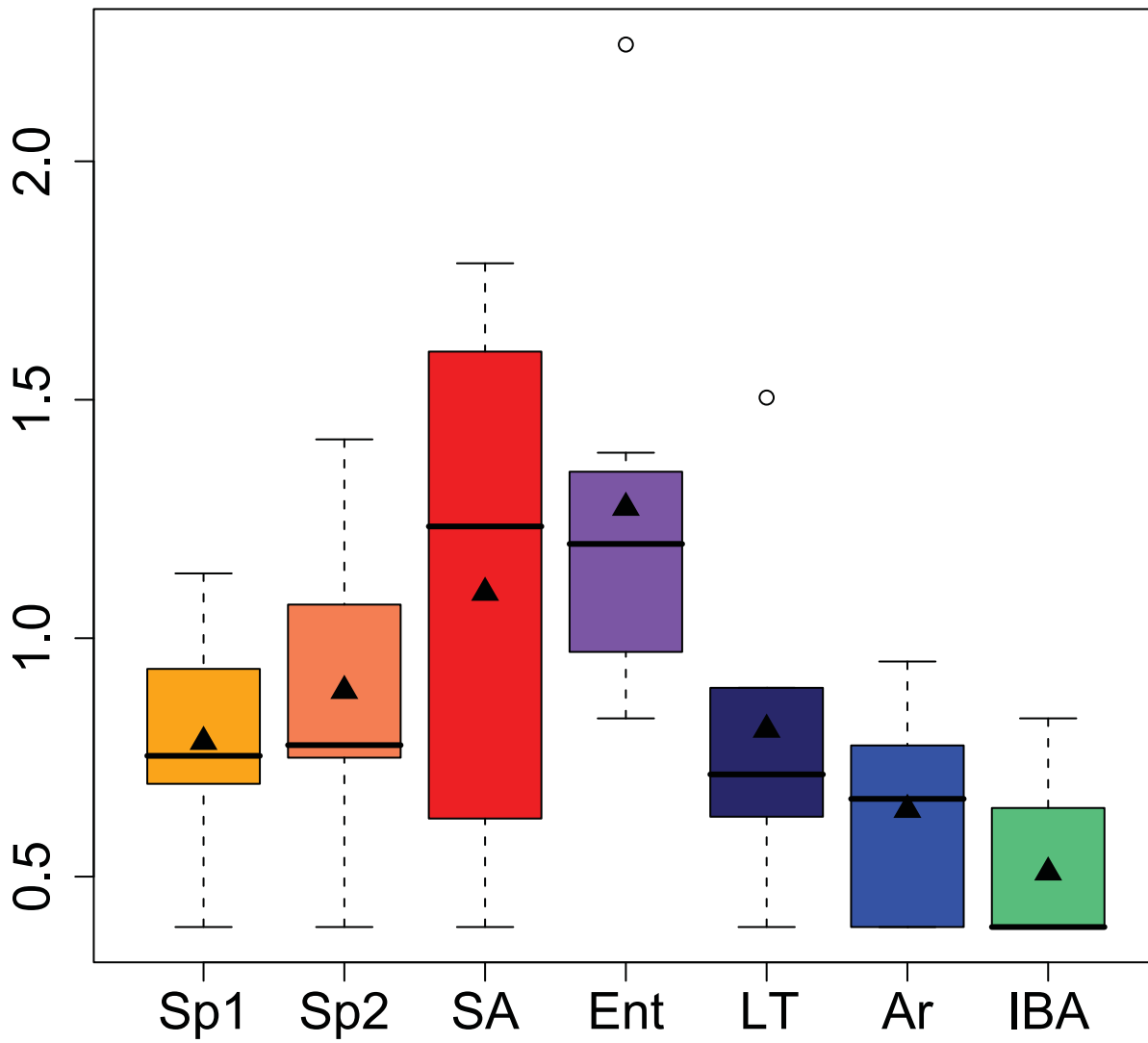


# tryptophan

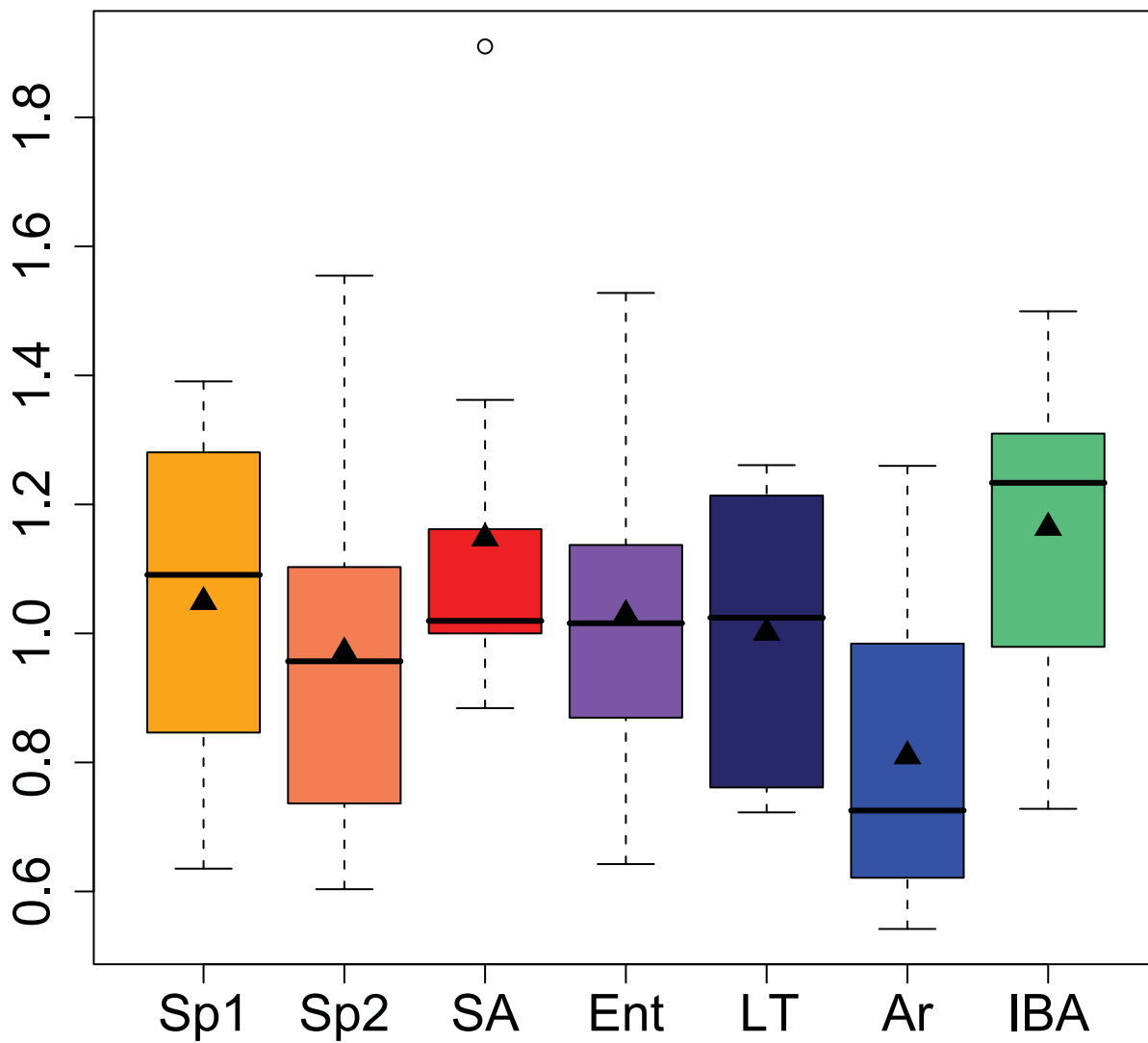




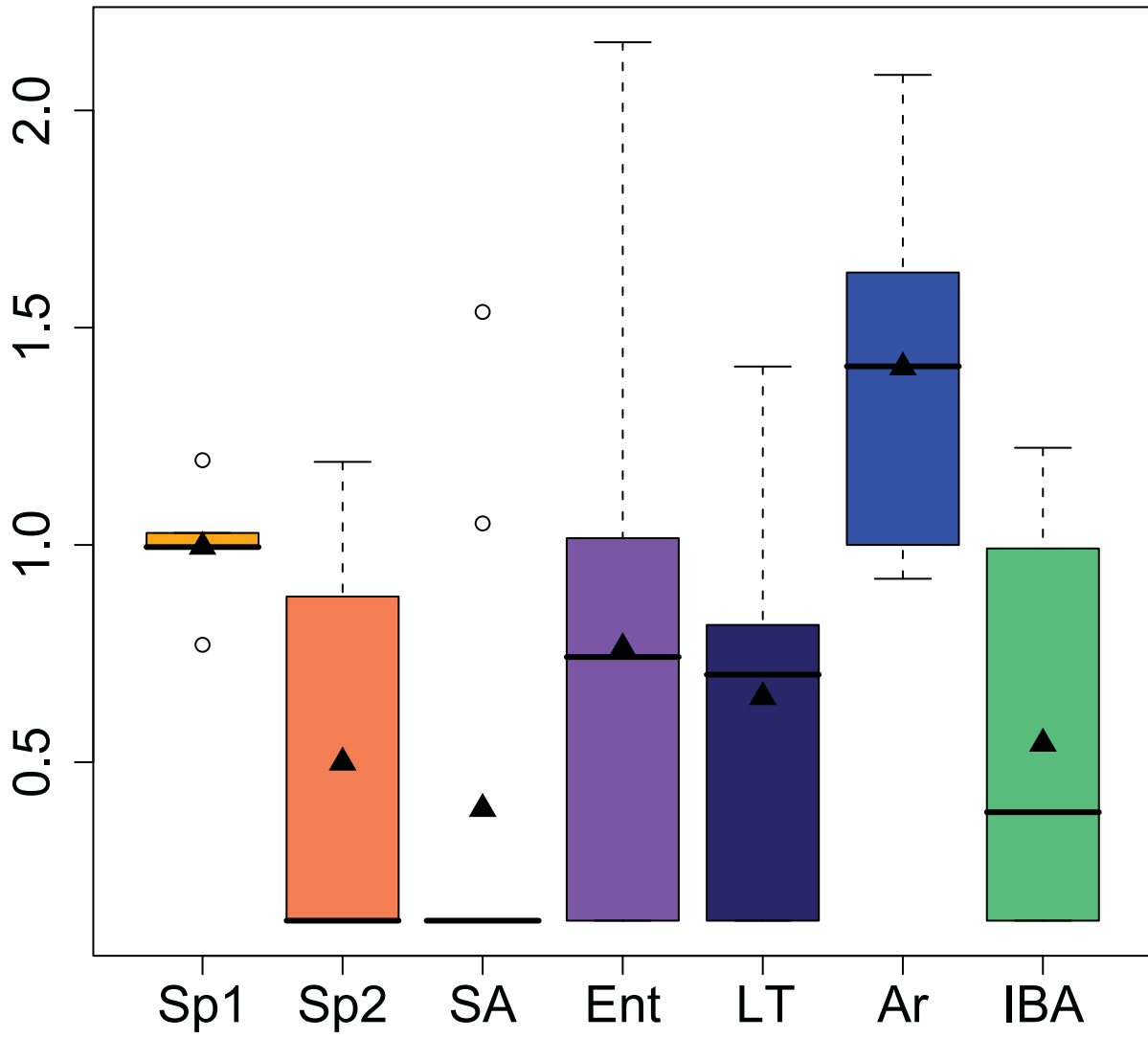
# arginine



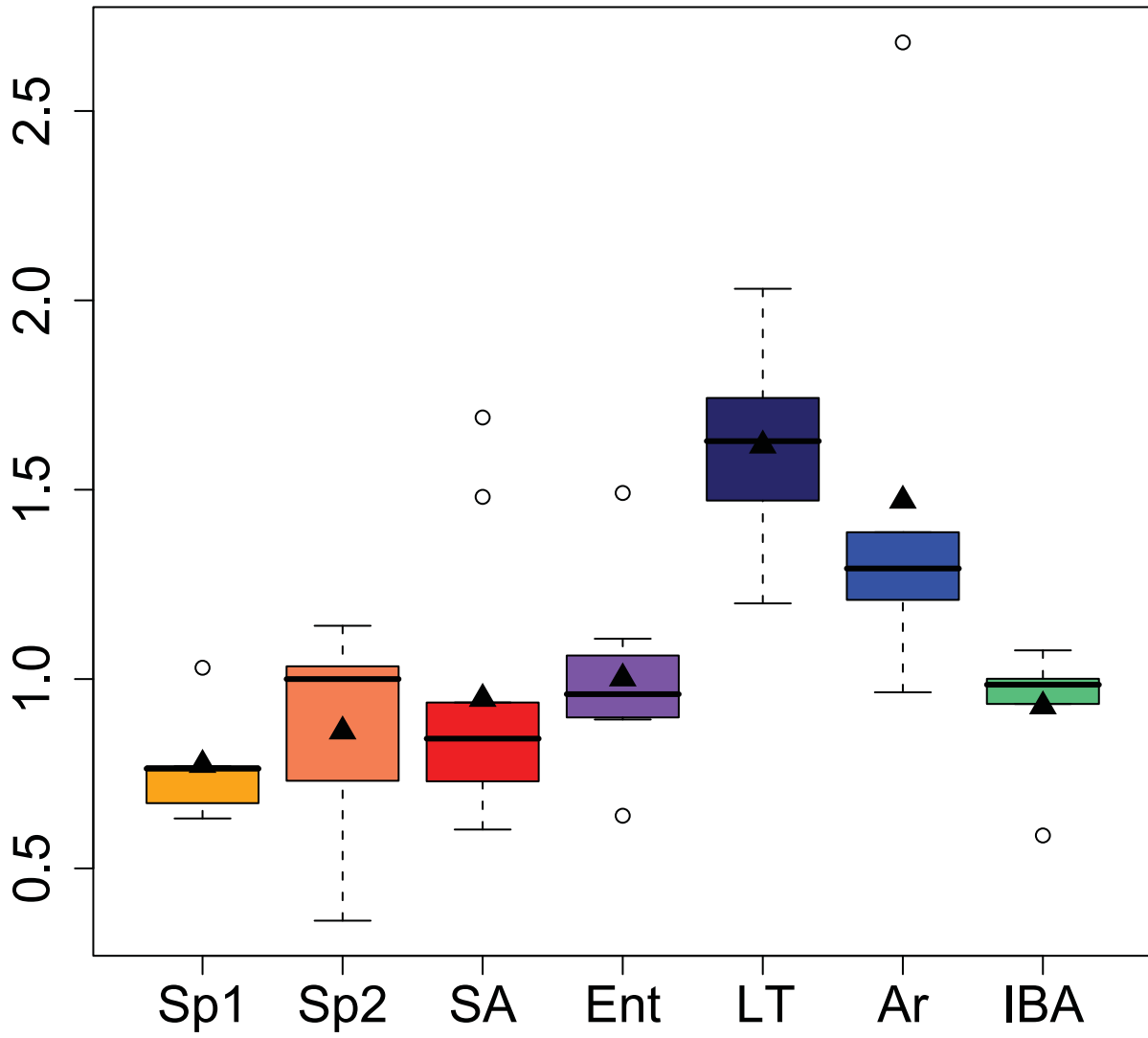
# citrulline



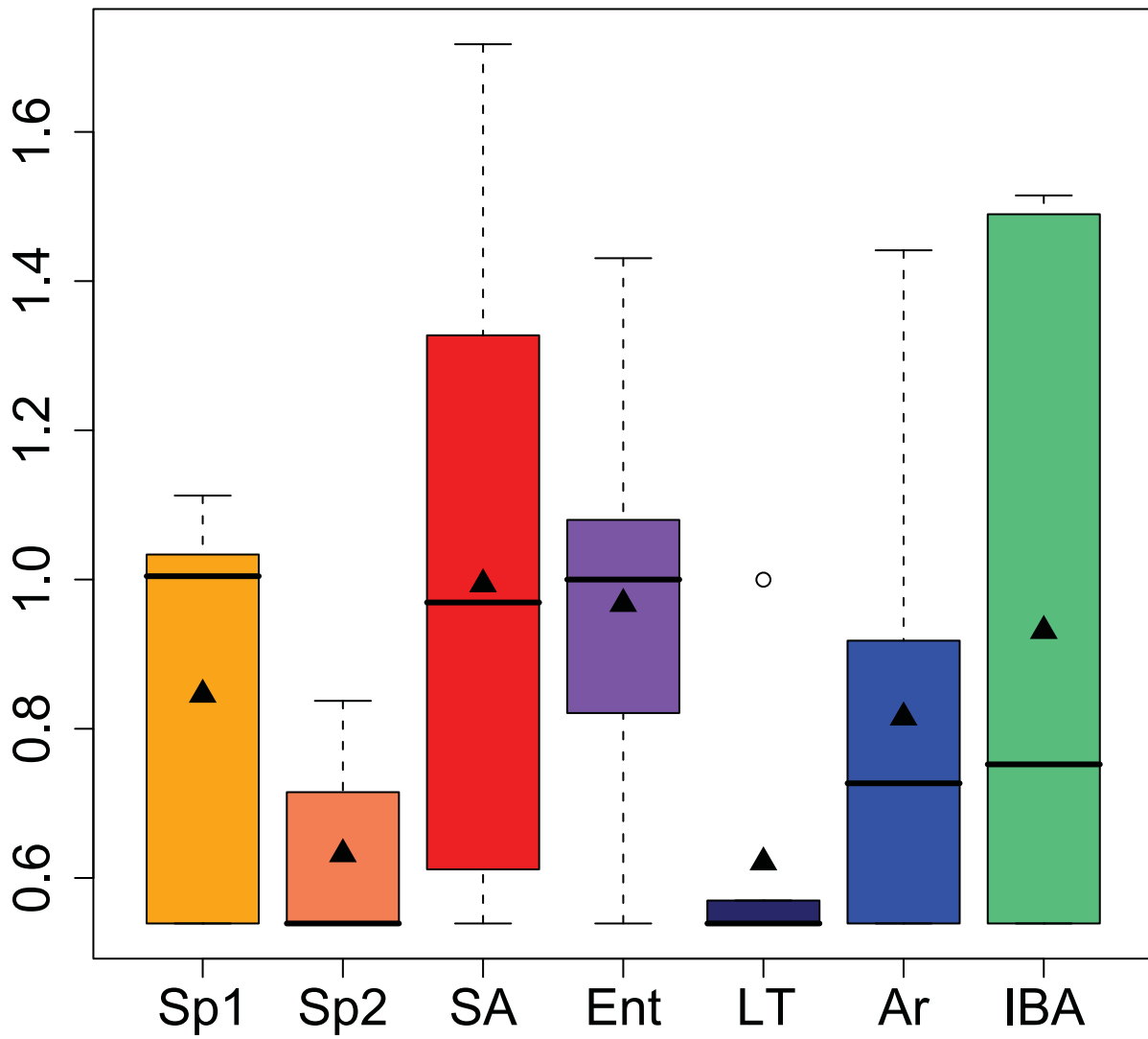
# dimethylarginine



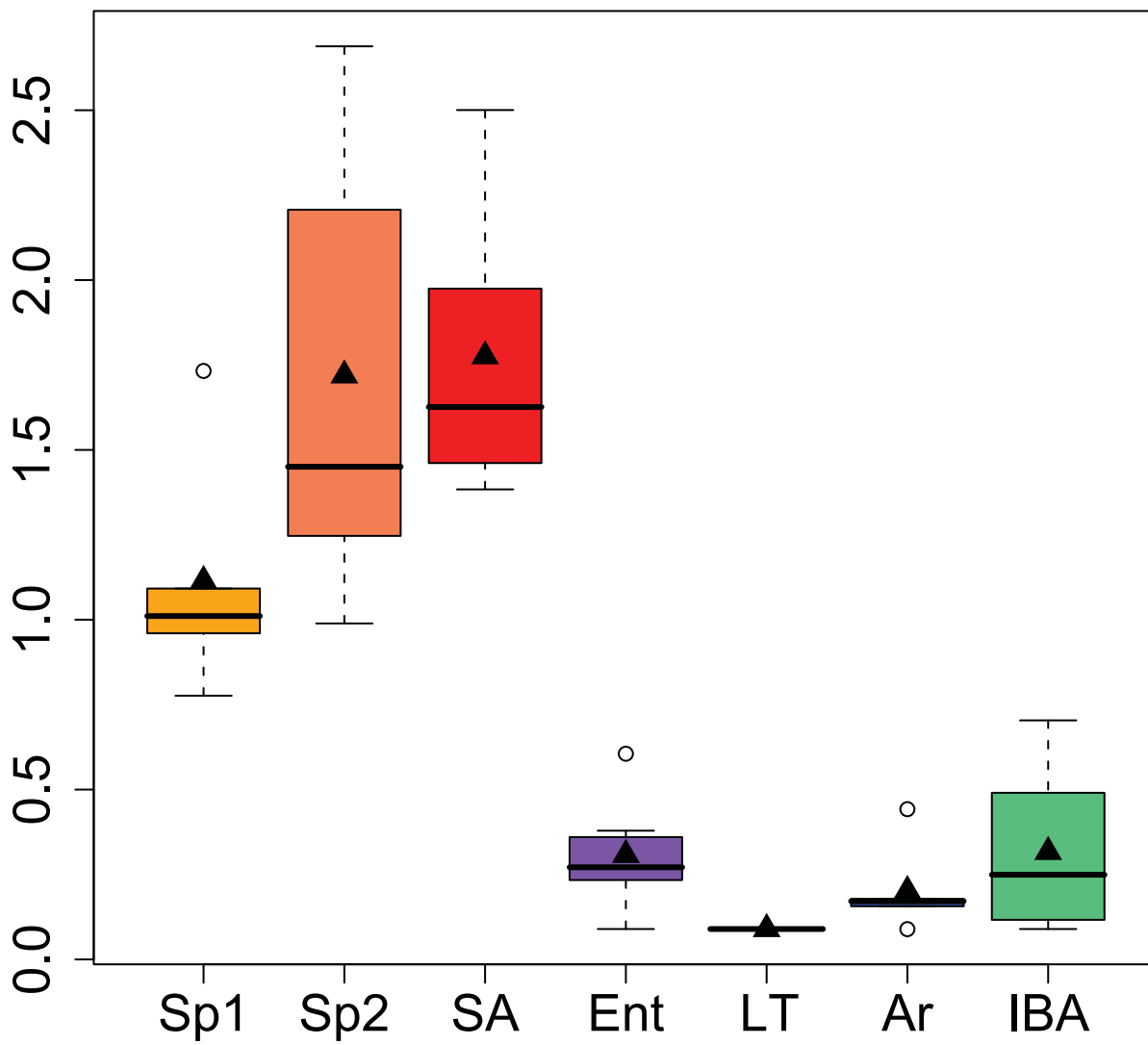
# dimethylglycine



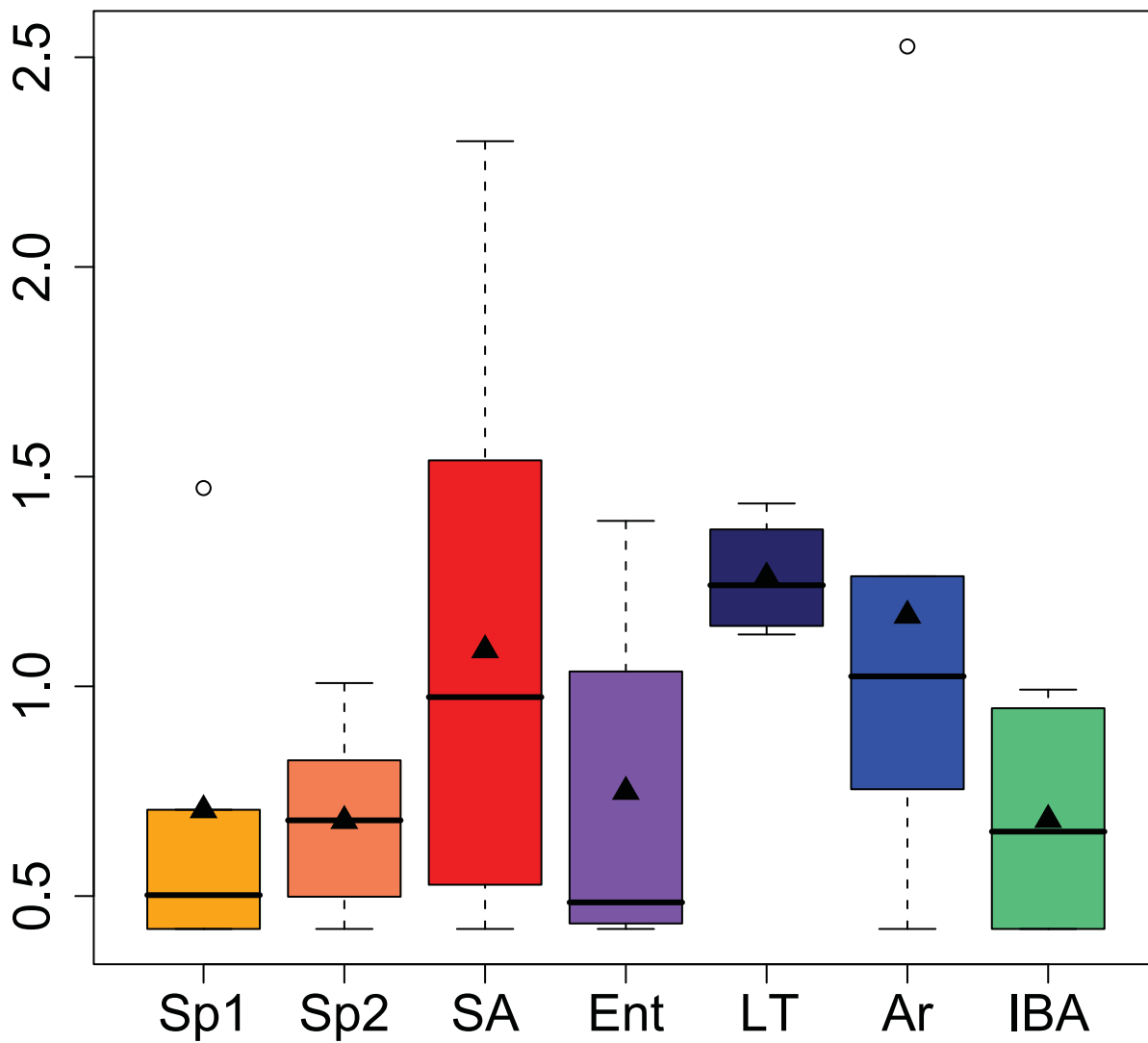
# homostachydrine-



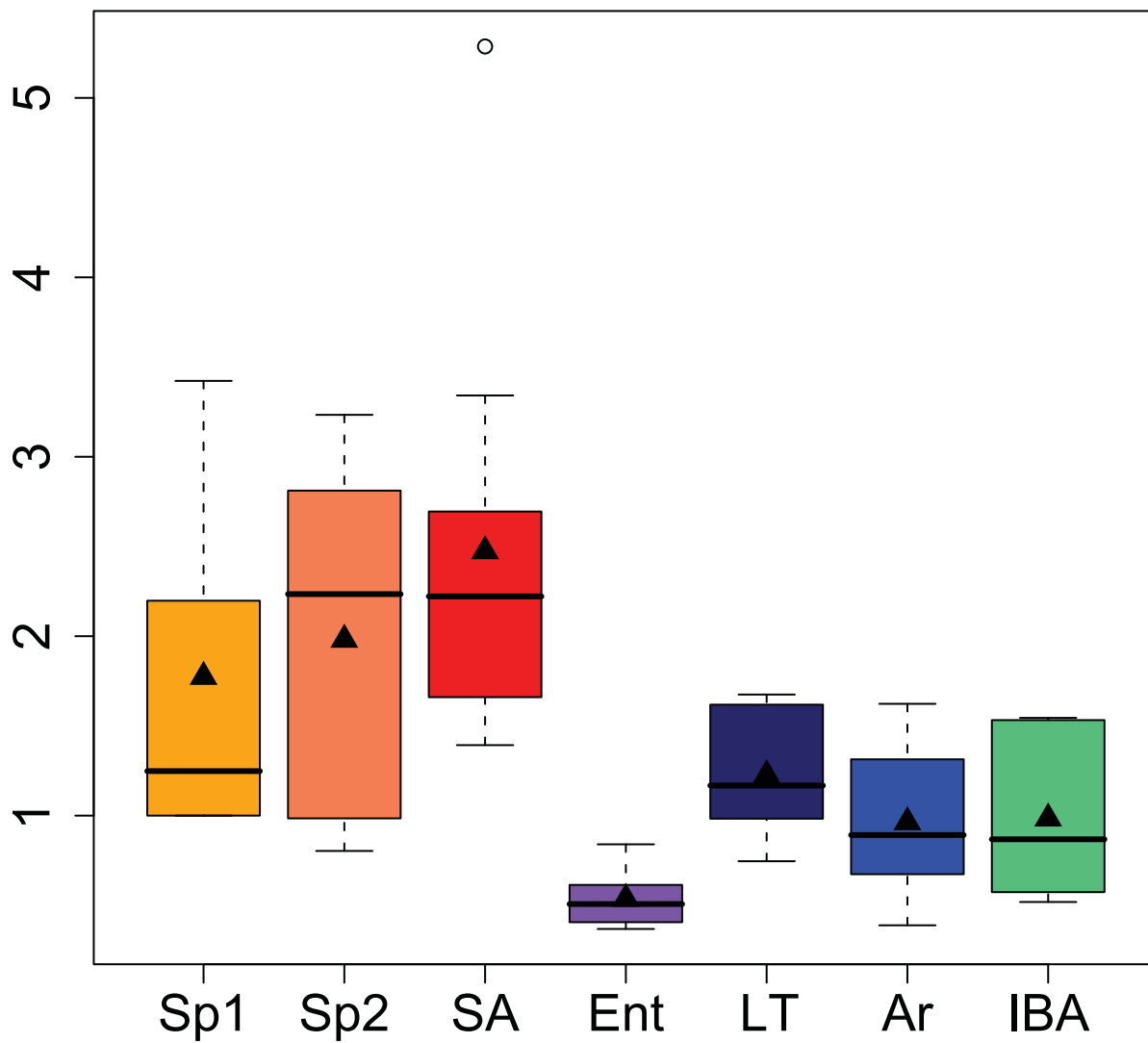
# N-acetylorntithine



# ornithine

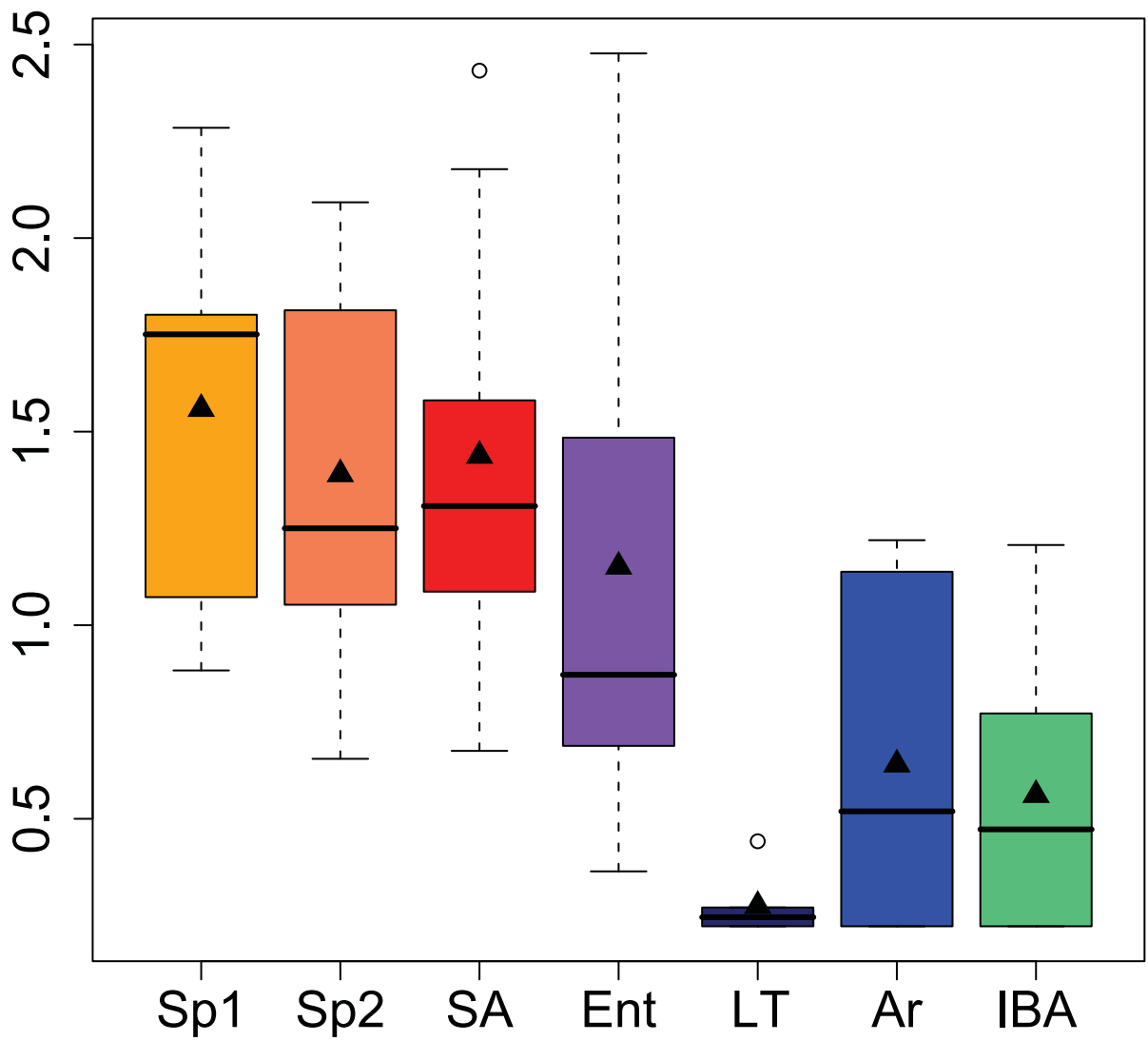


# proline

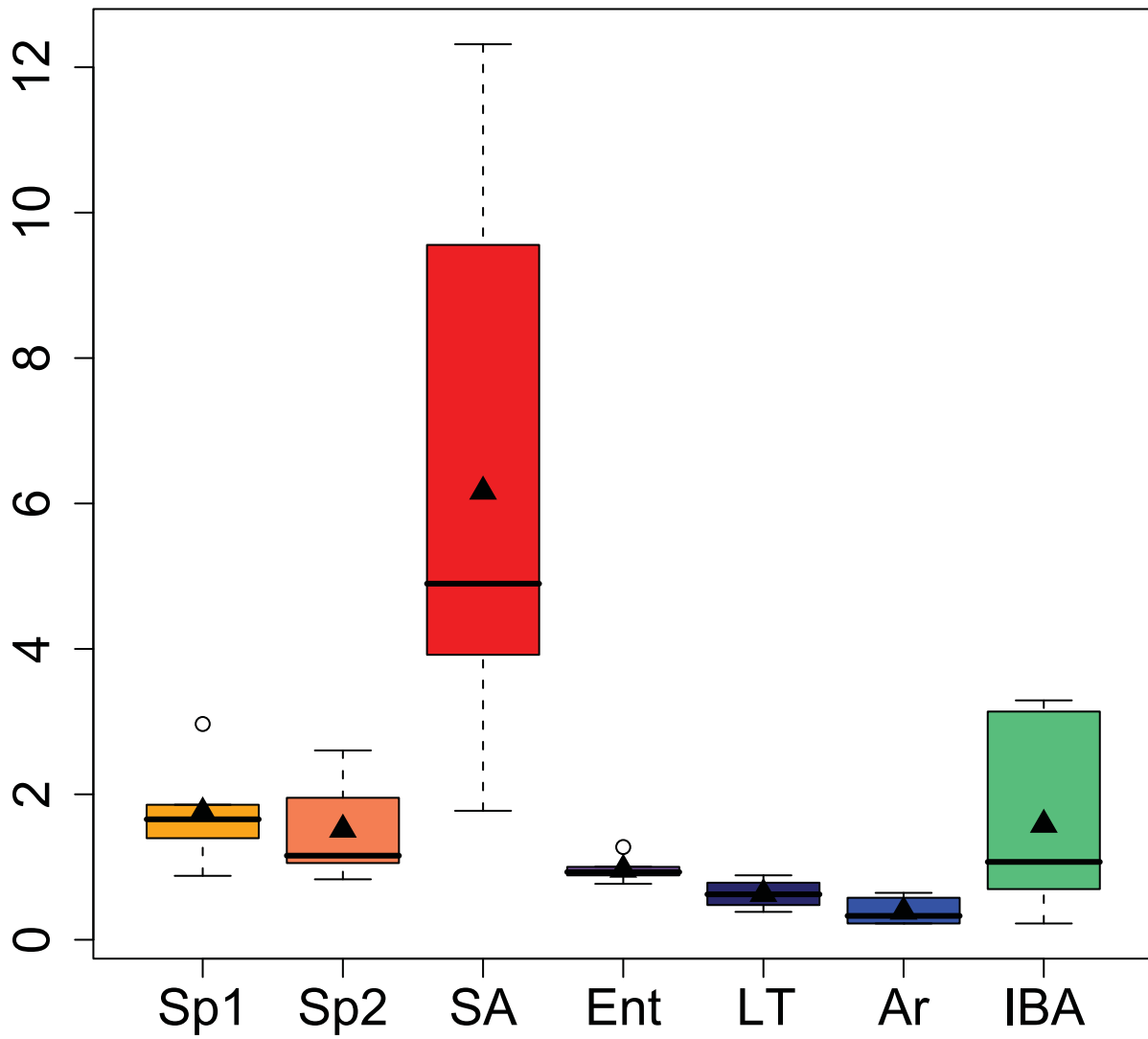




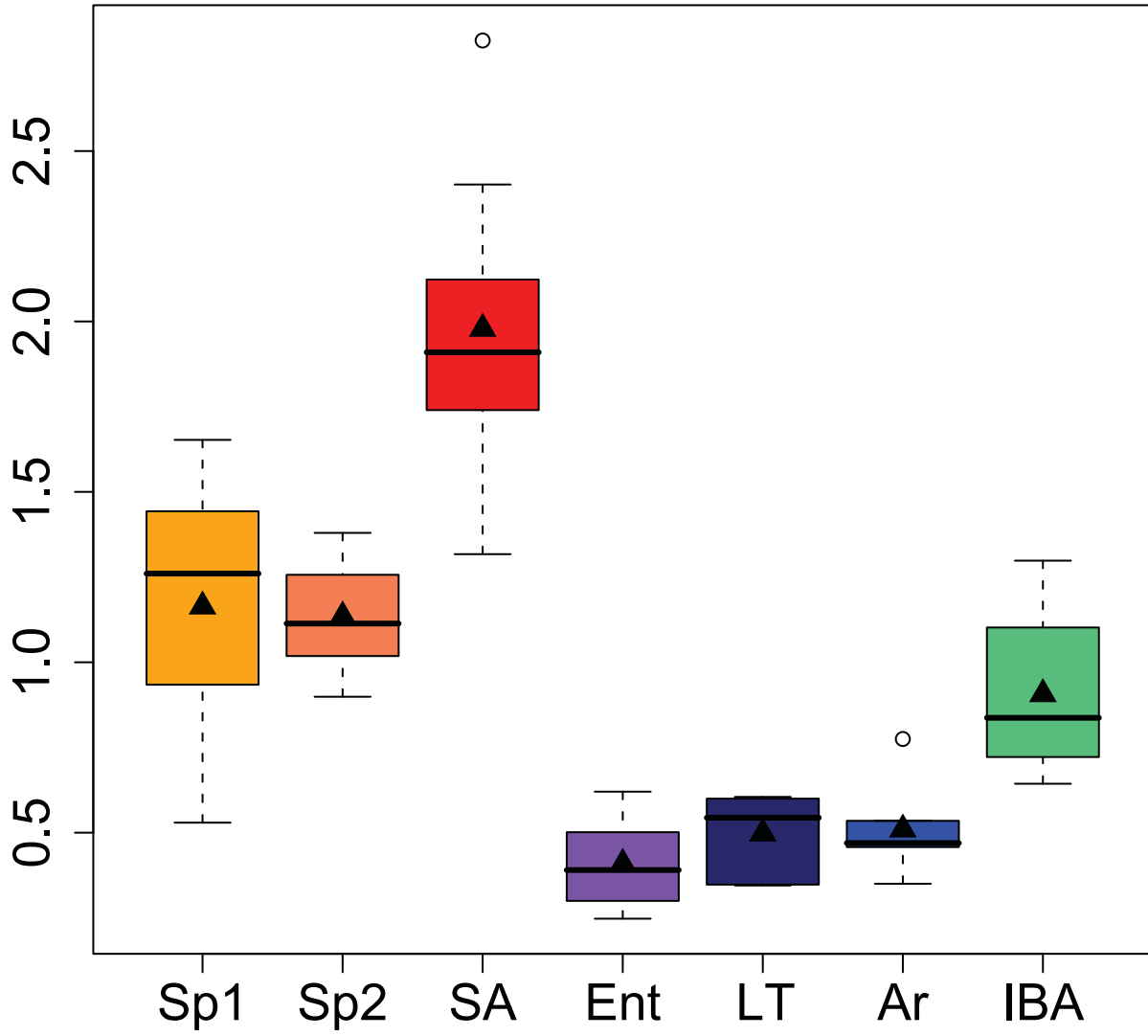
# stachydrine



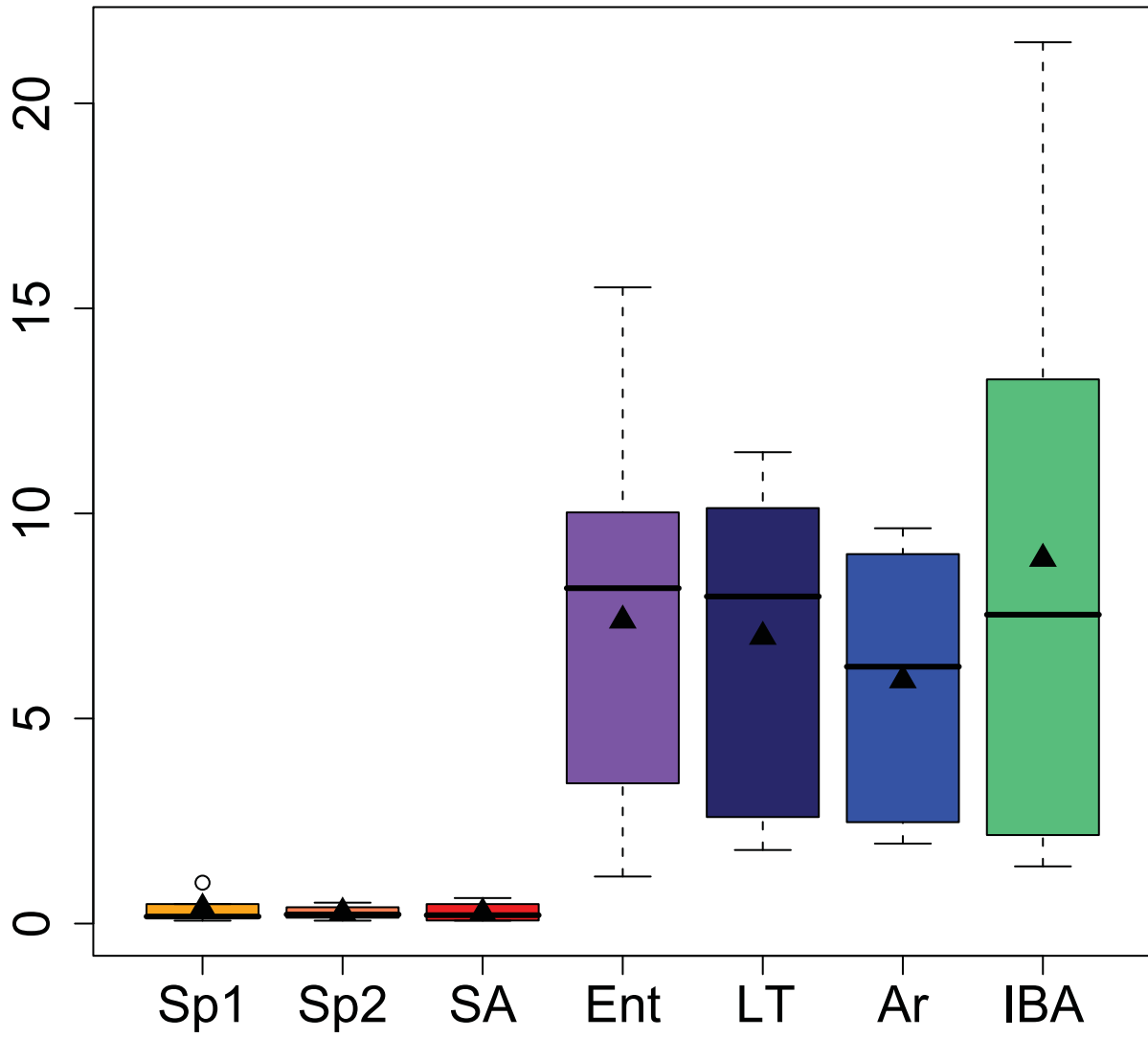
# trans-4-hydroxyproline



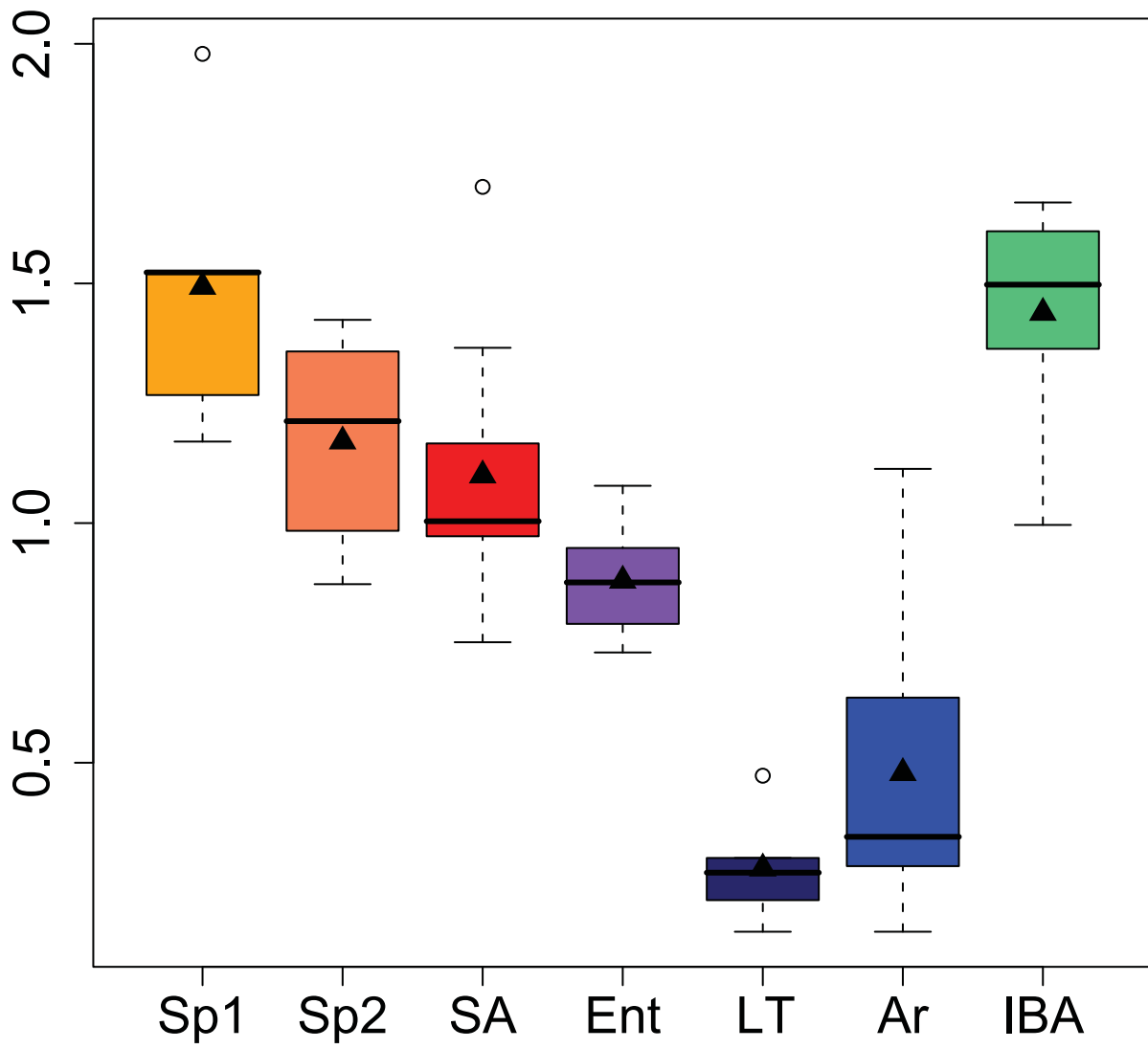
# urea



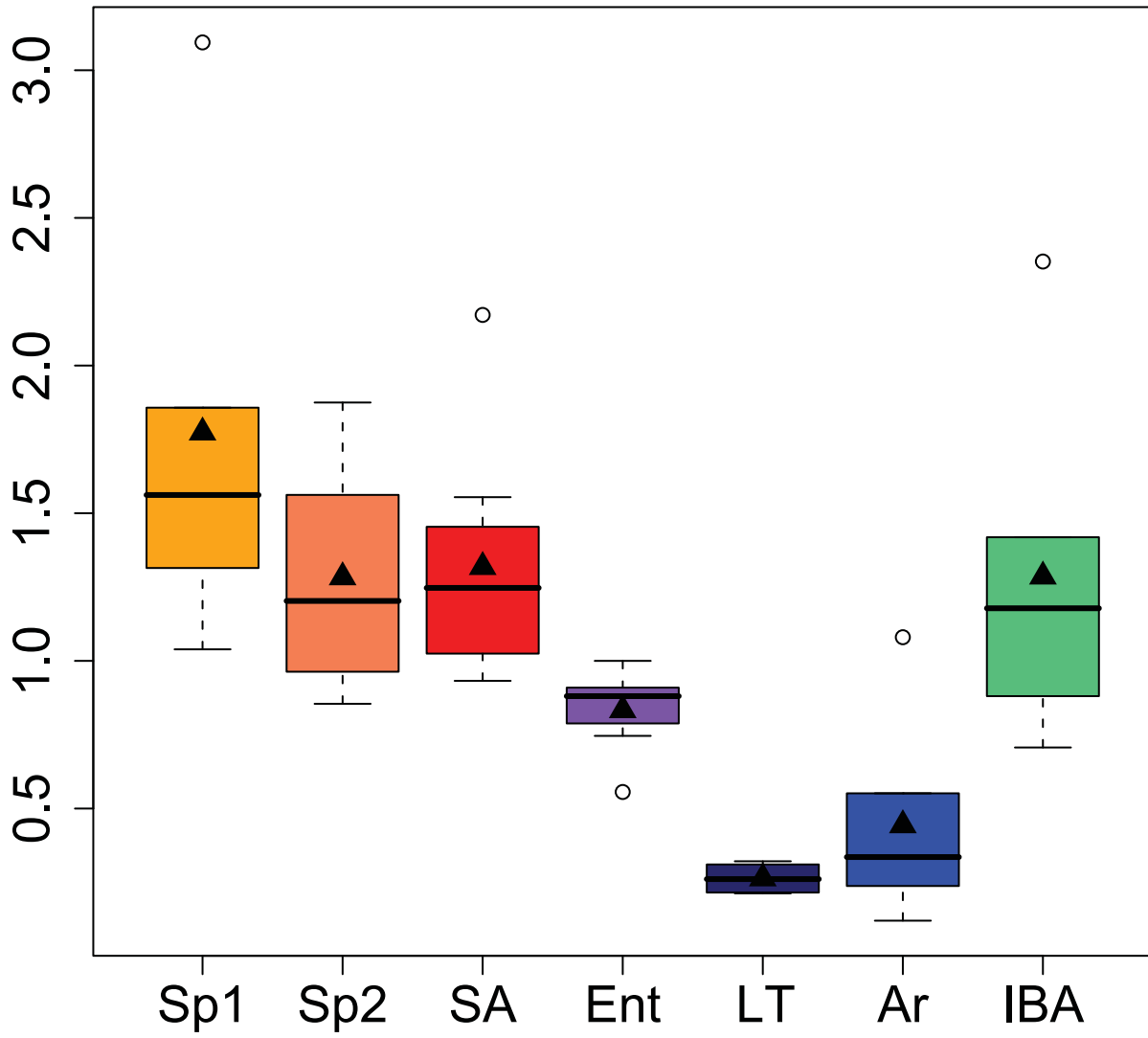
# 2-hydroxyisobutyrate



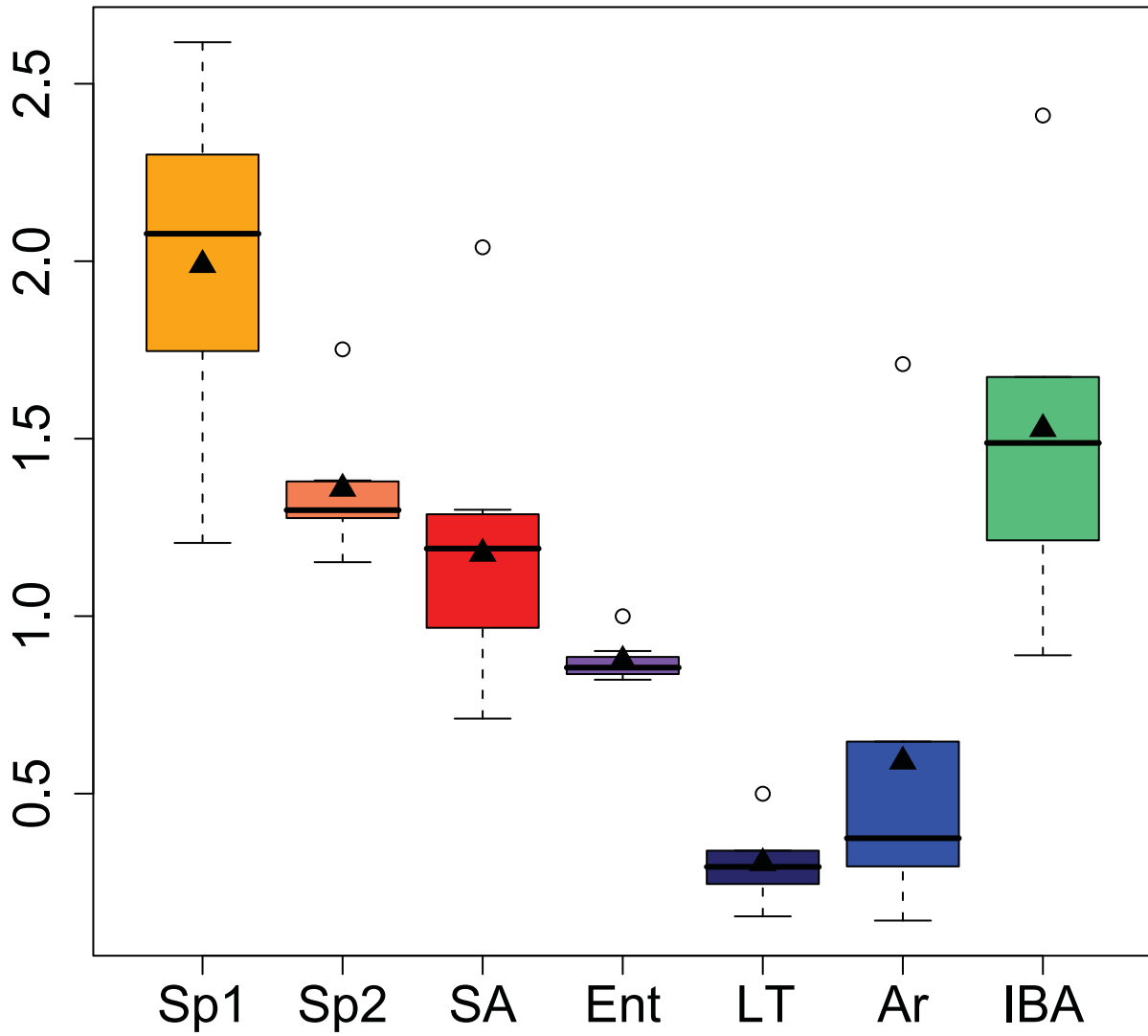
### 3-methyl-2-oxobutyrate



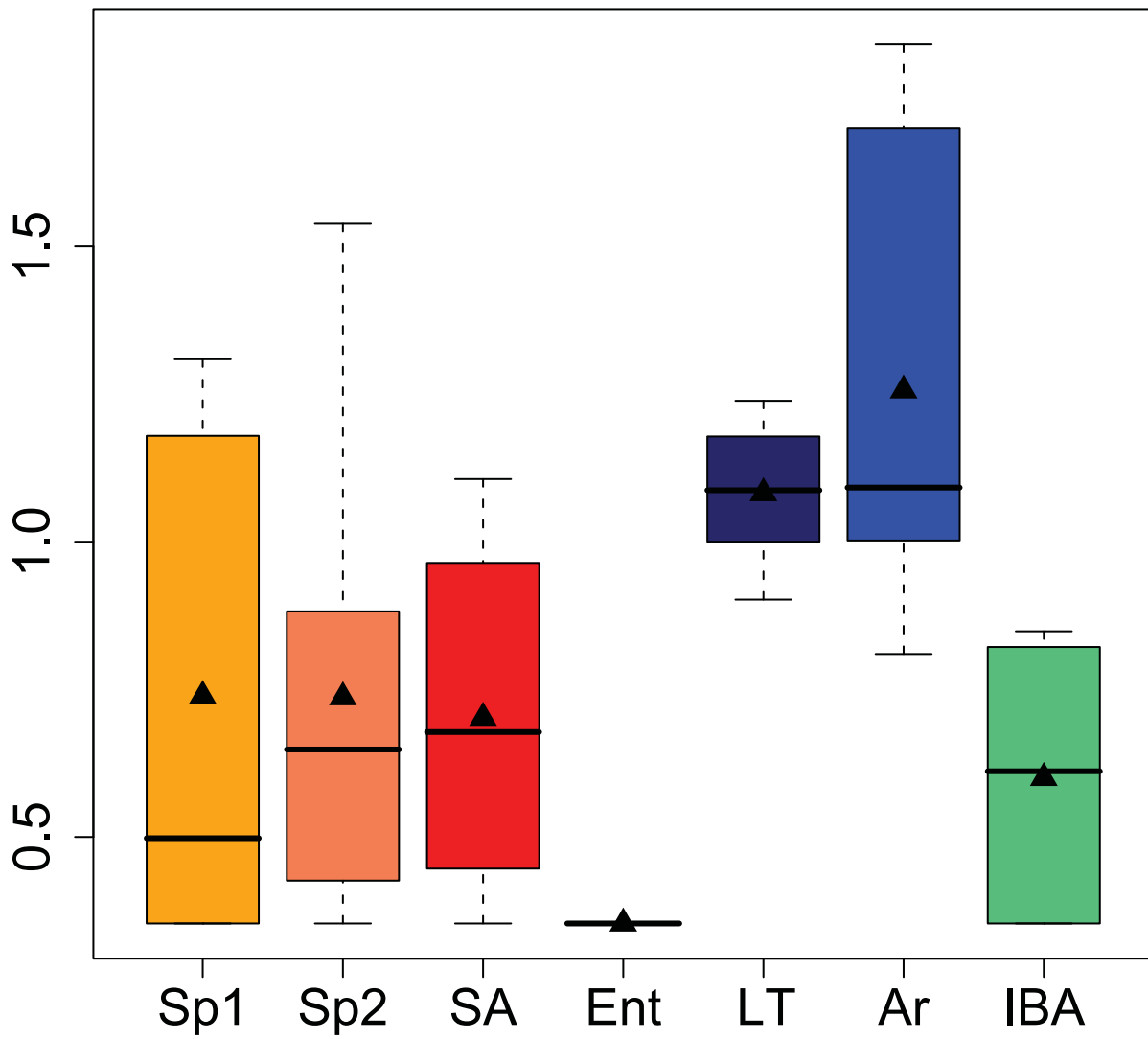
### 3-methyl-2-oxovalerate



# 4-methyl-2-oxopentanoate

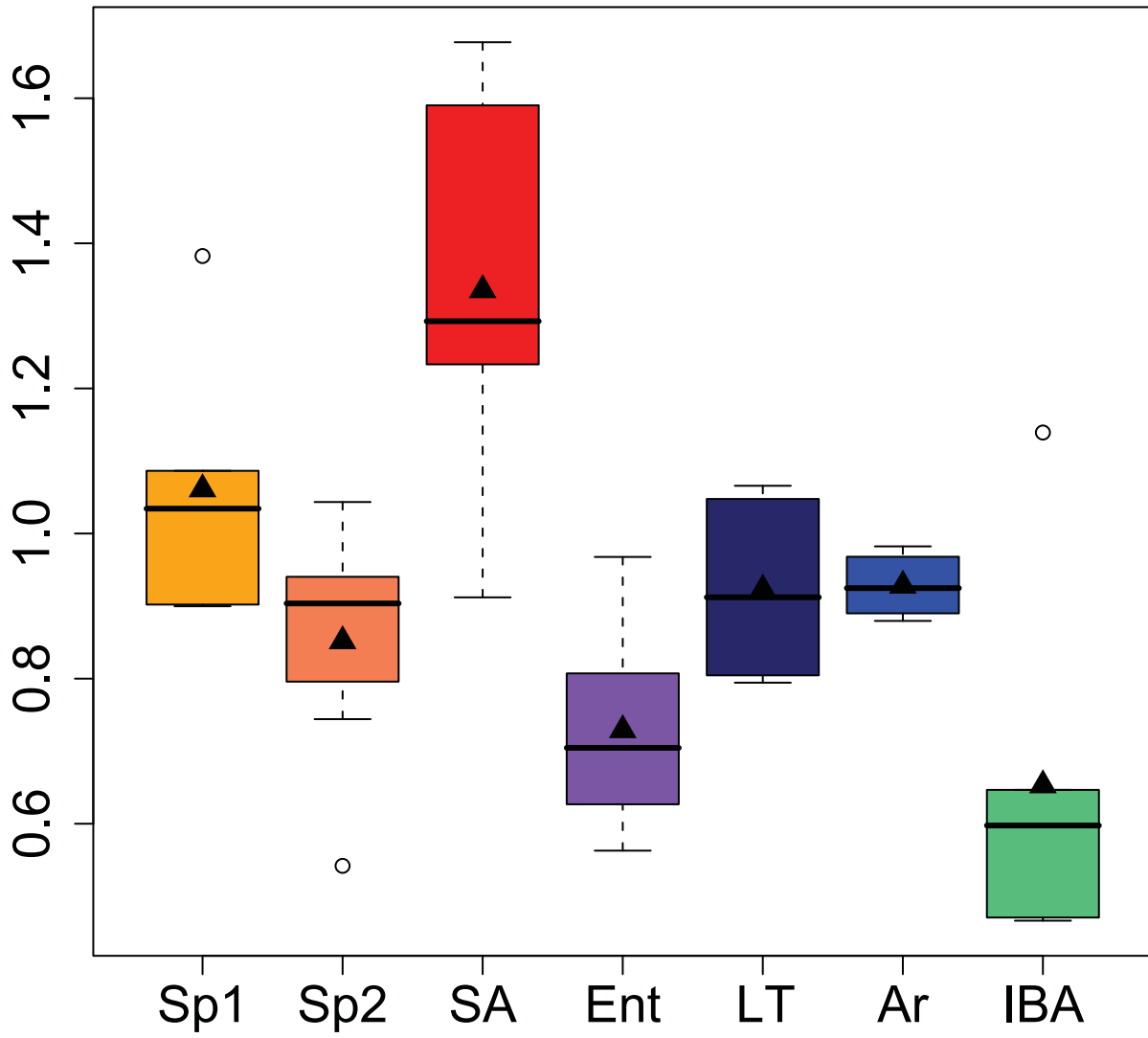


# beta-hydroxyisovalerate

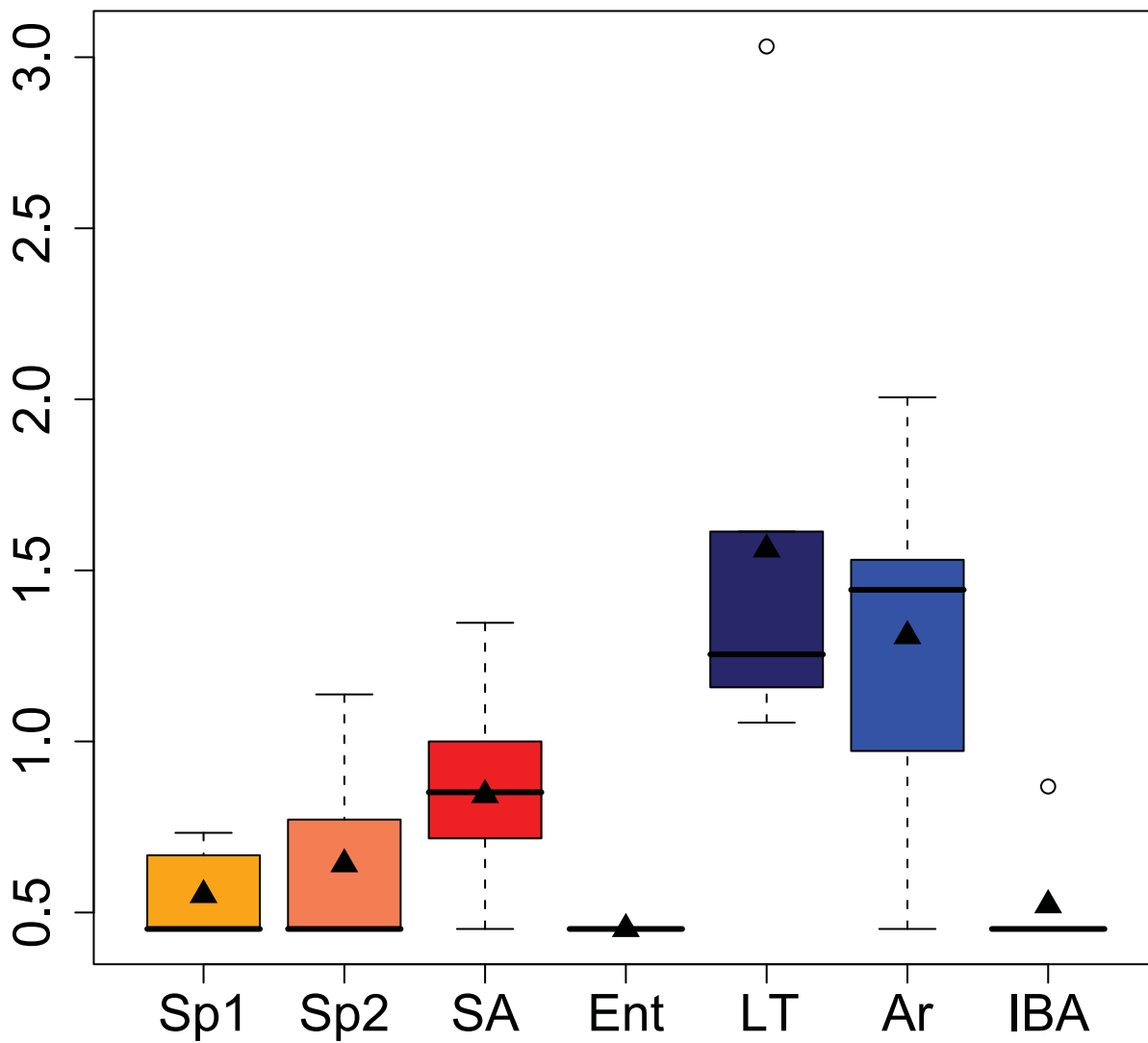




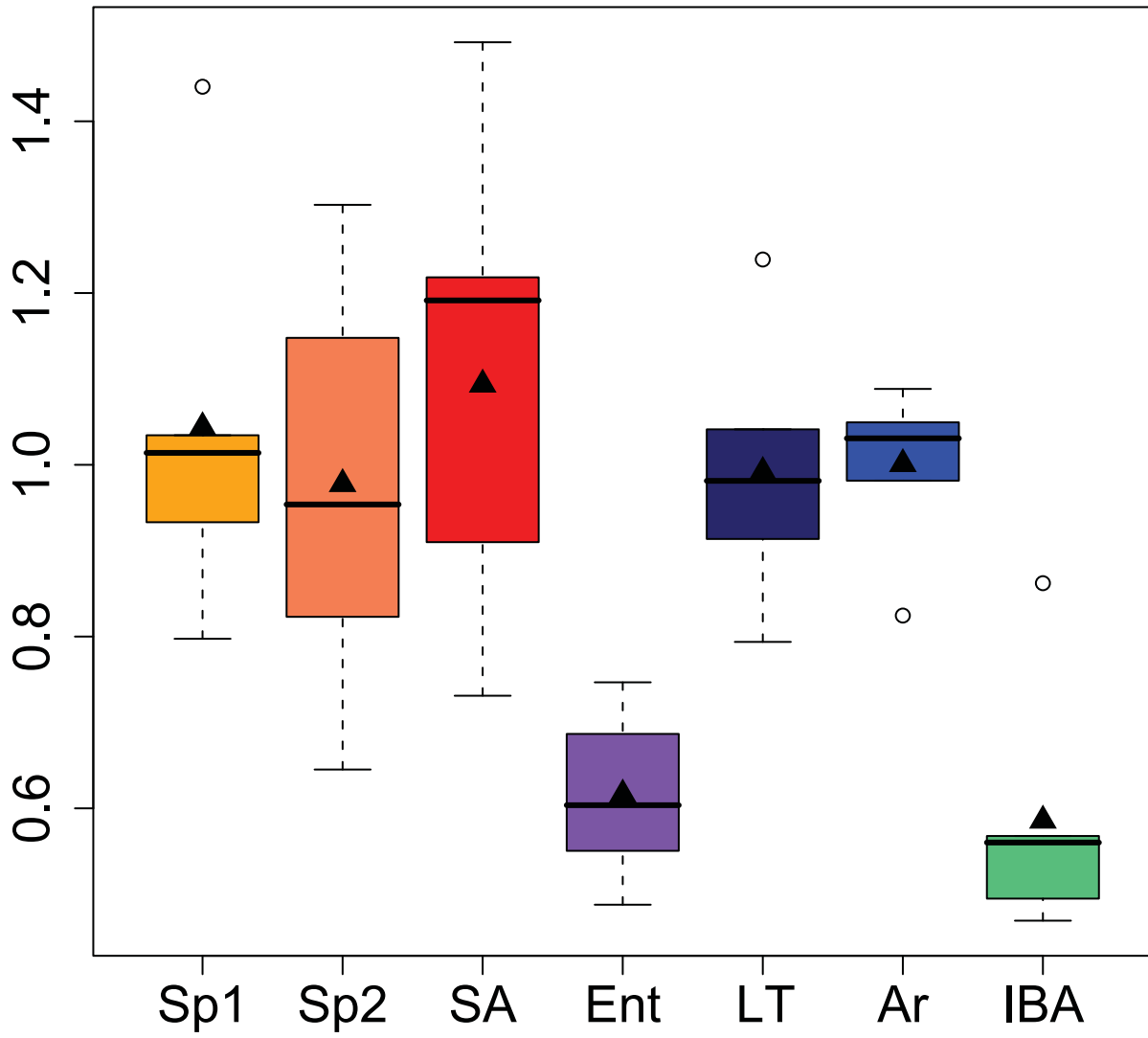
# isoleucine



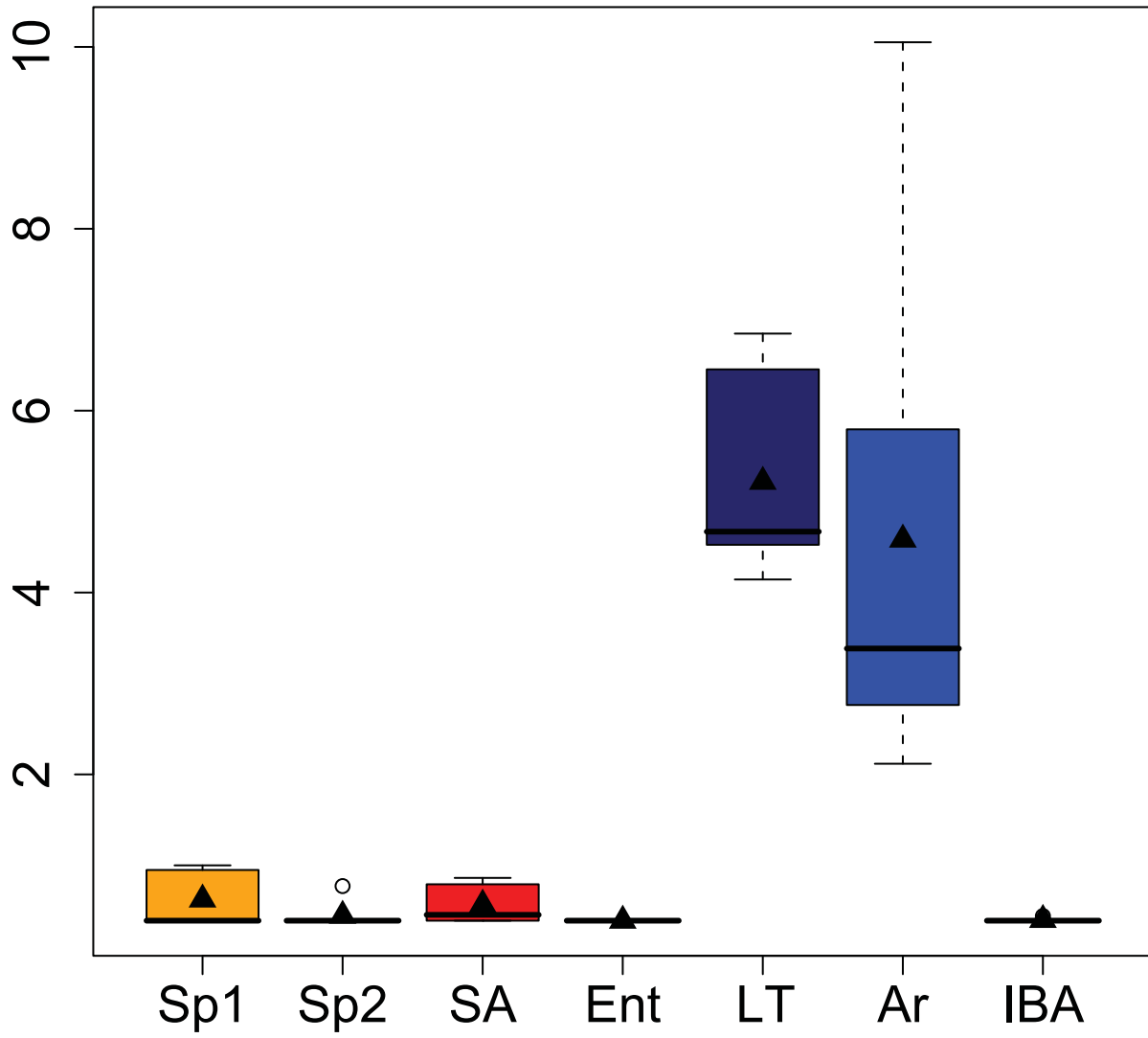
# isovalerylglycine



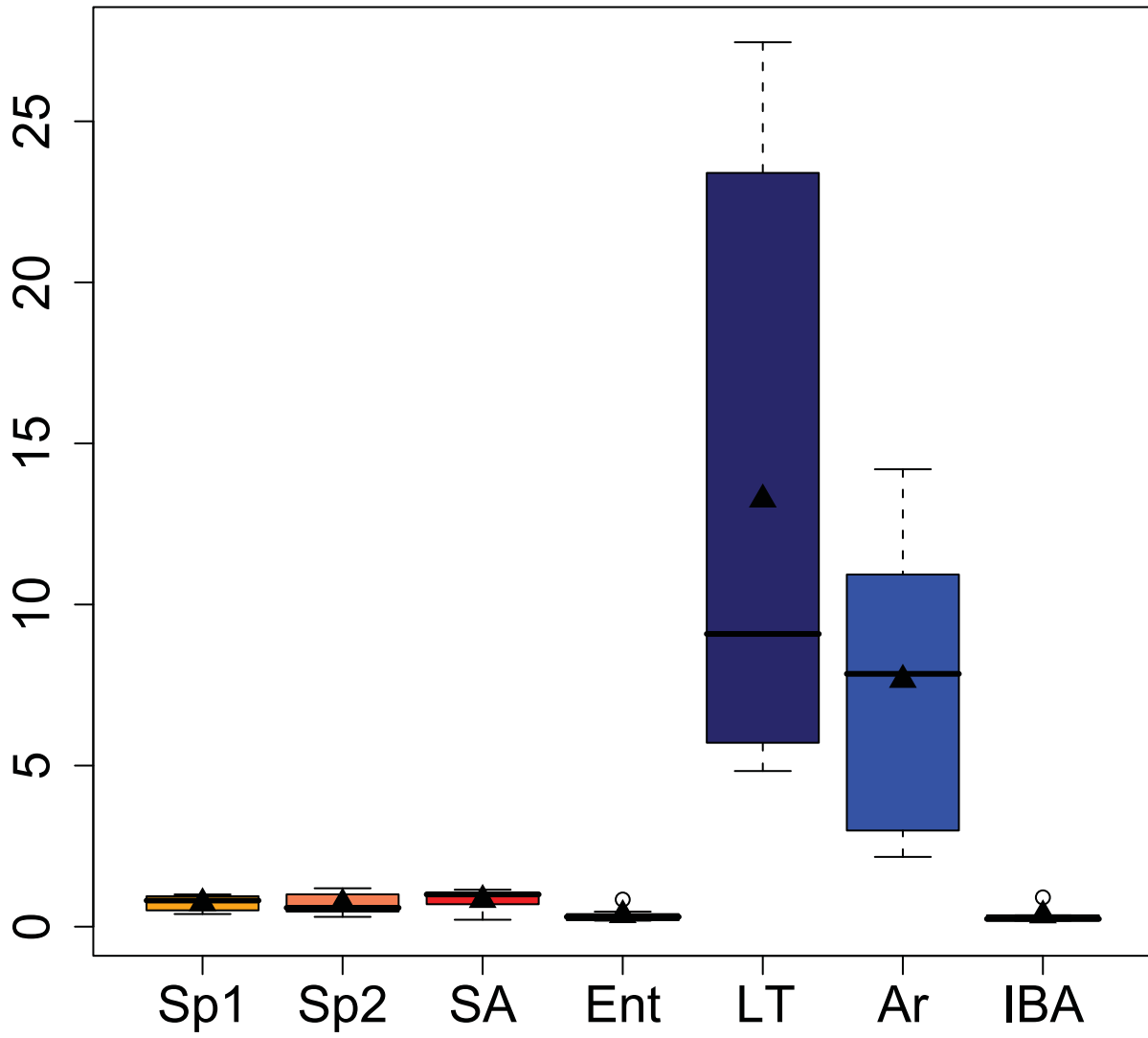
# leucine



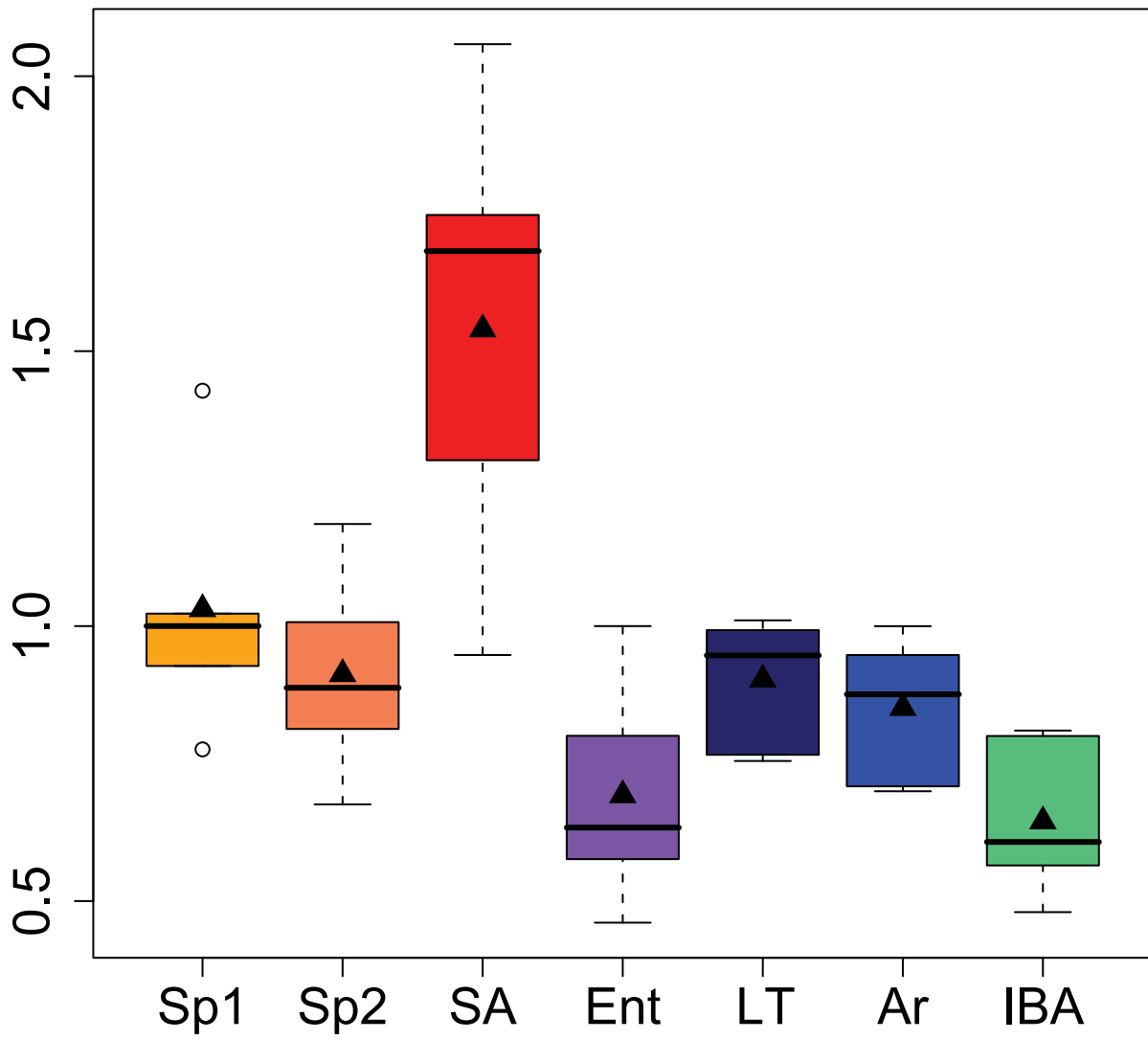
# N-acetylisoleucine



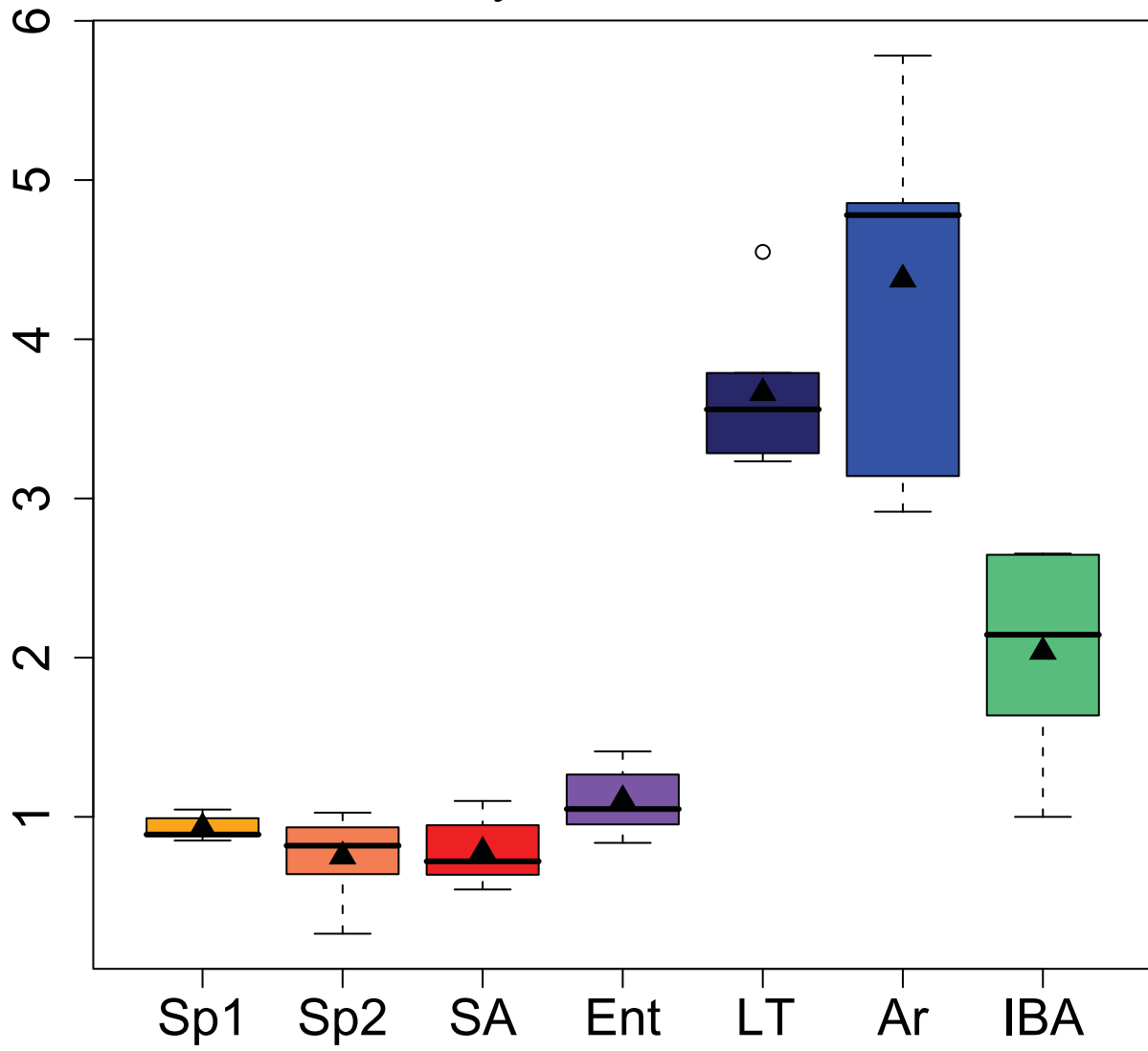
# N-acetylleucine



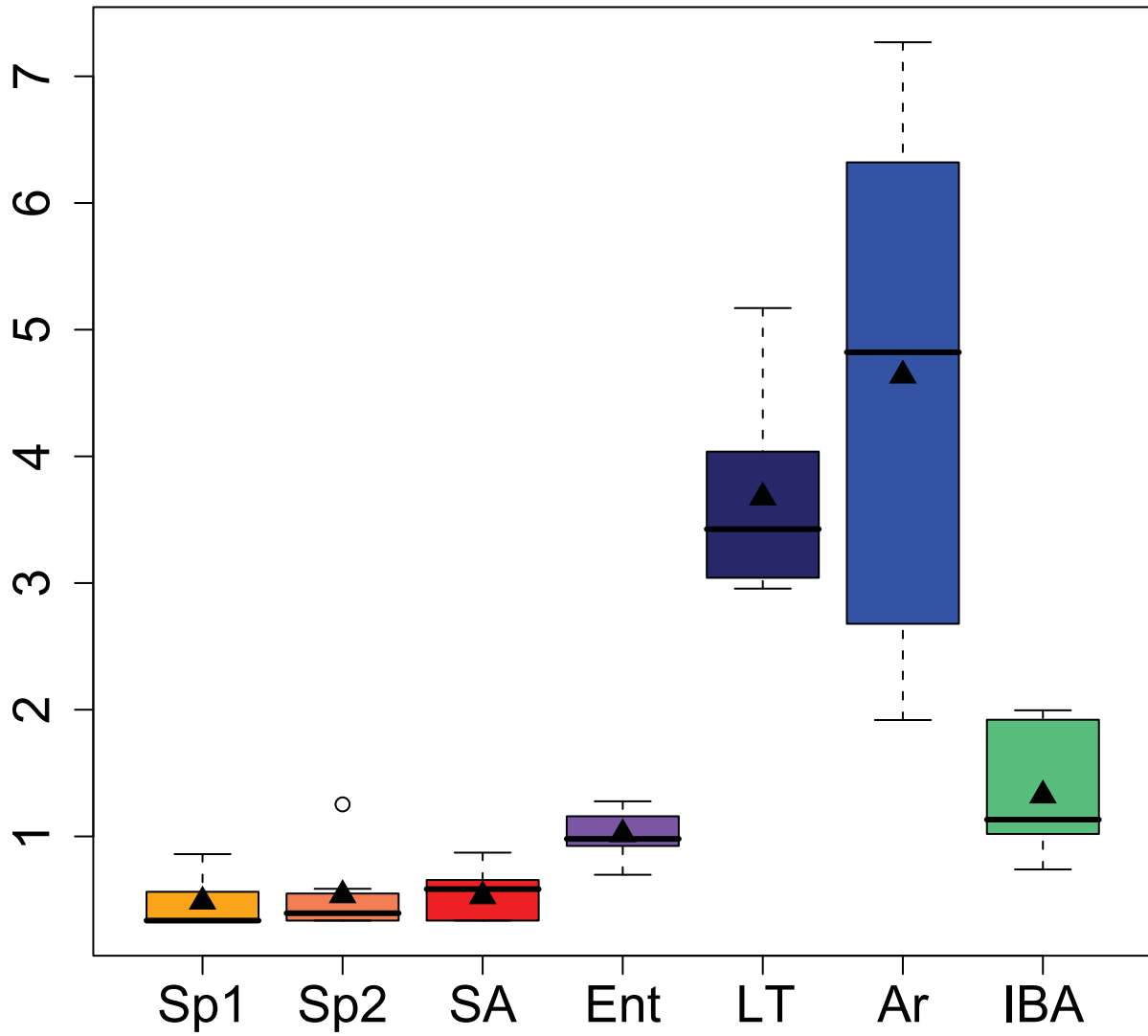
# valine



erythronate\*

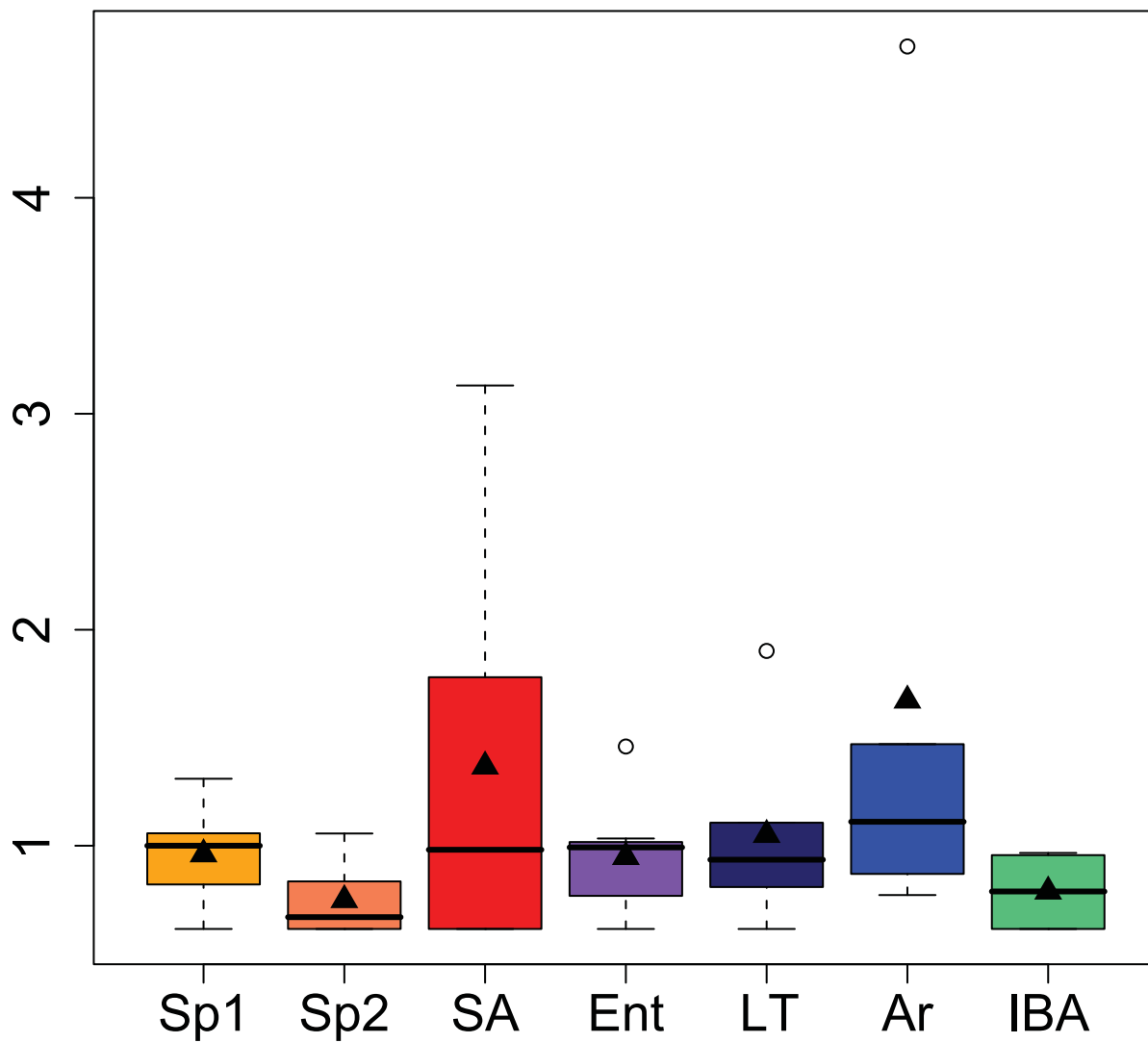


# N-acetylneuraminate

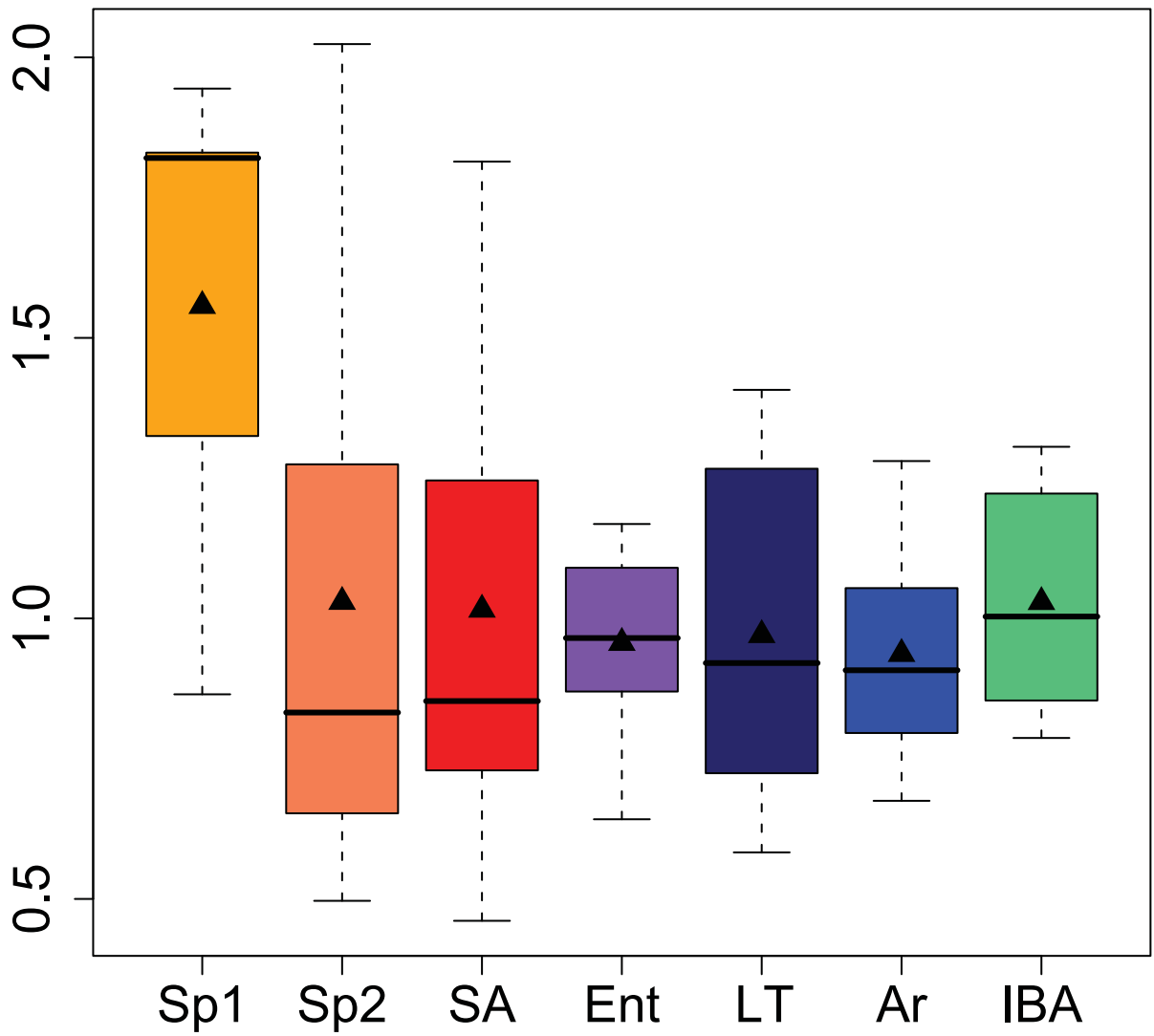




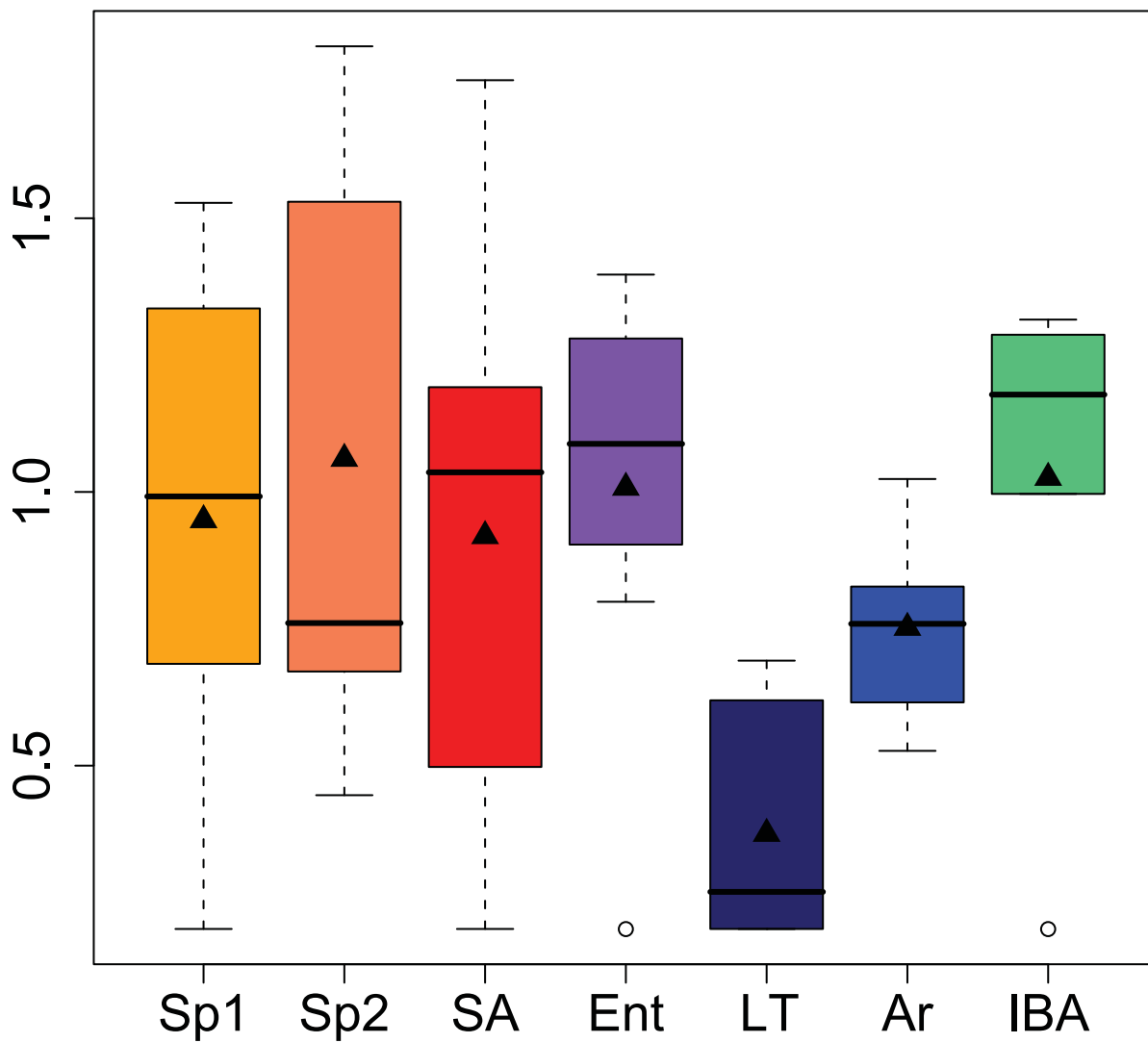
# erythrose



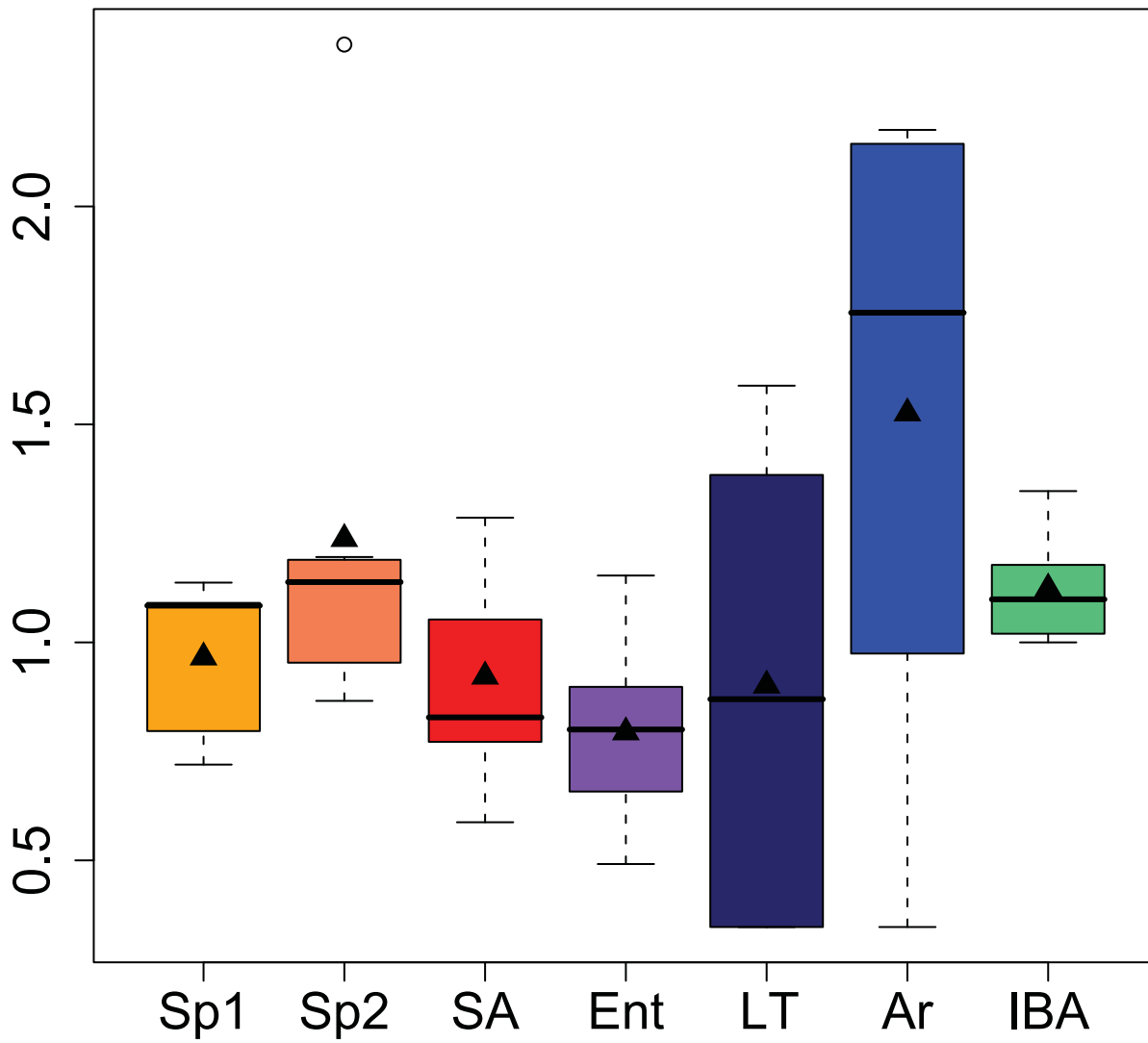
# fructose



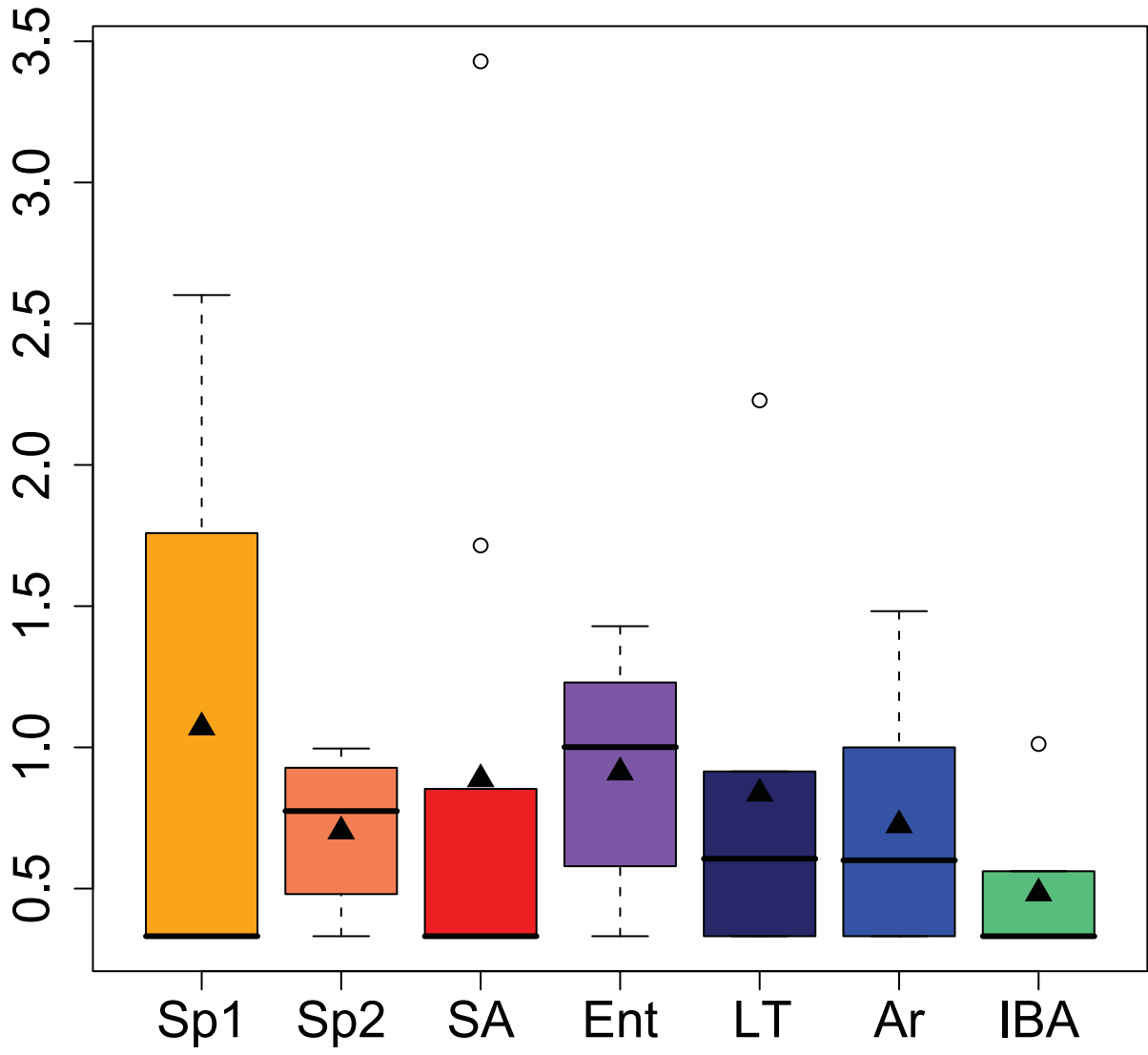
mannose



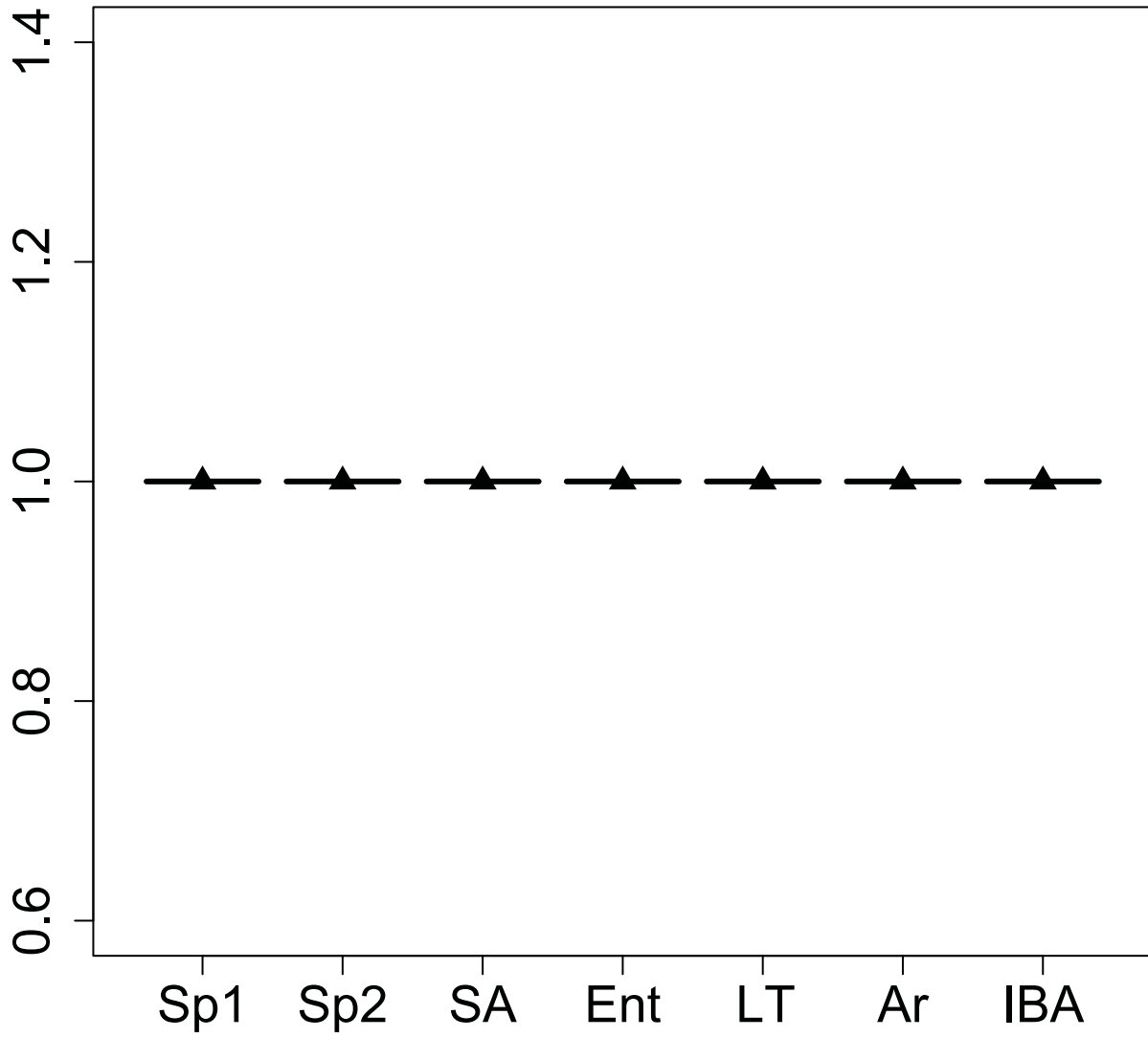
sorbitol (glucitol)



sorbose

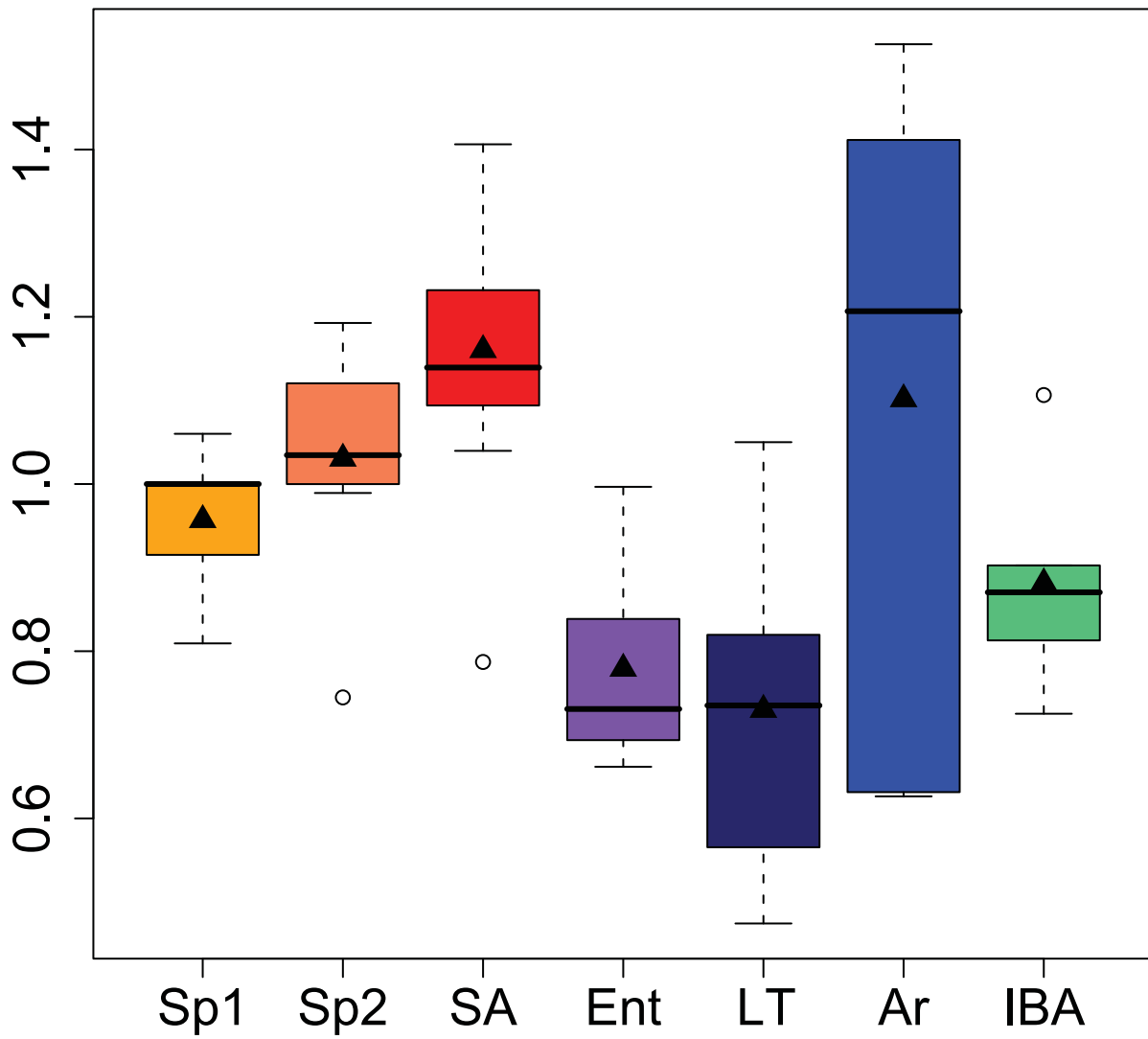


# stachyose



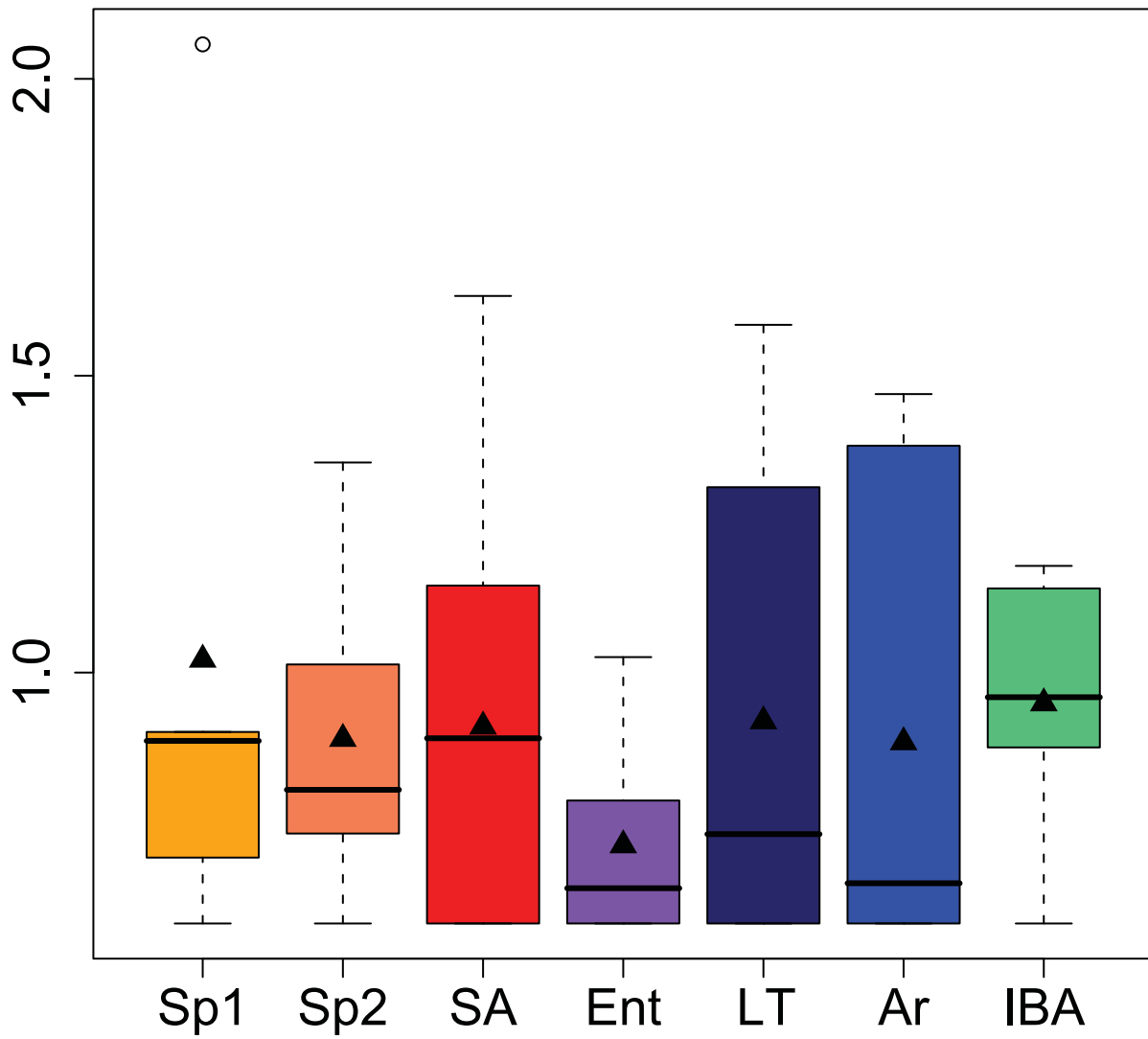


# glucose

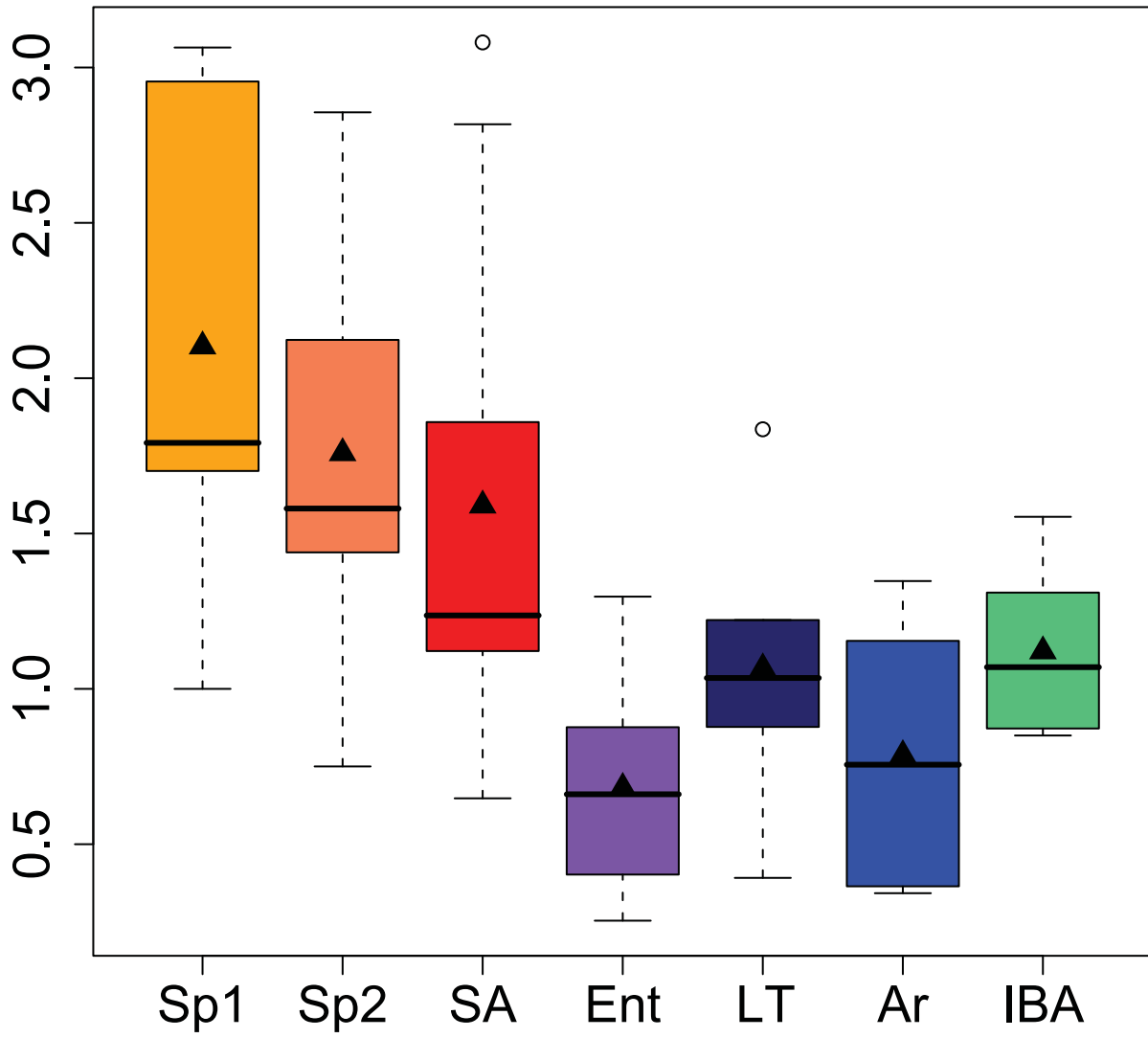




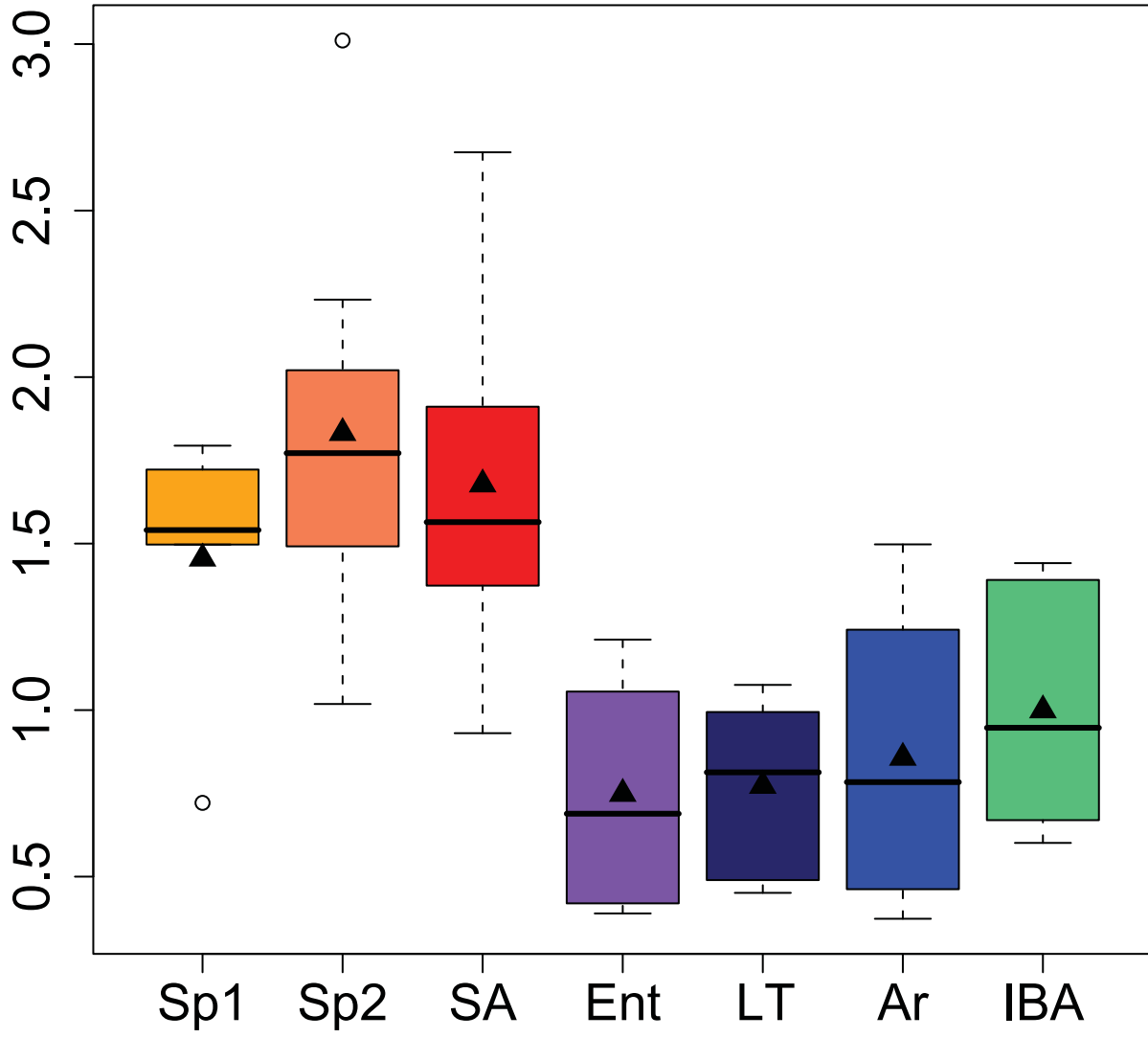
# glycerate



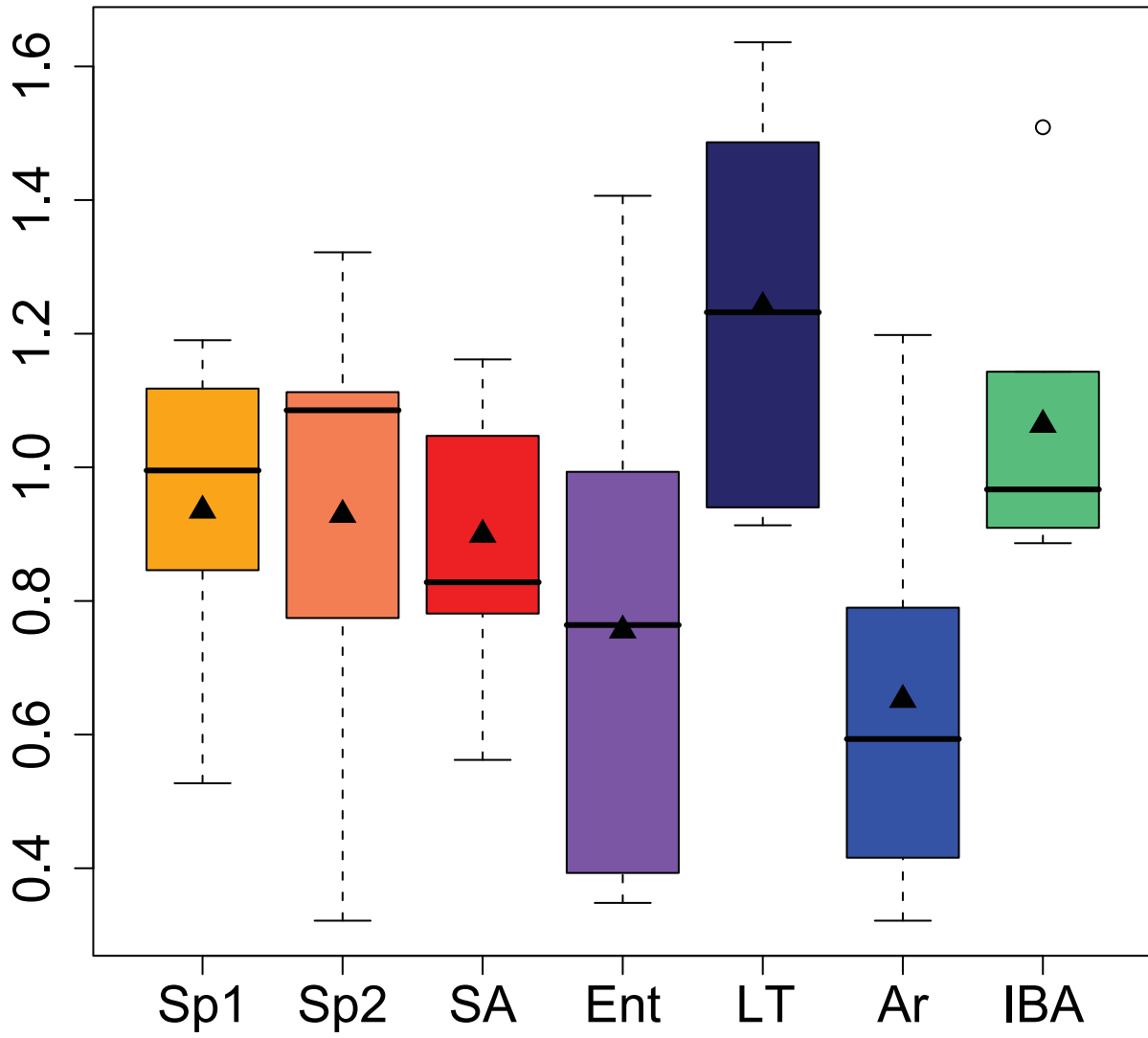
# lactate



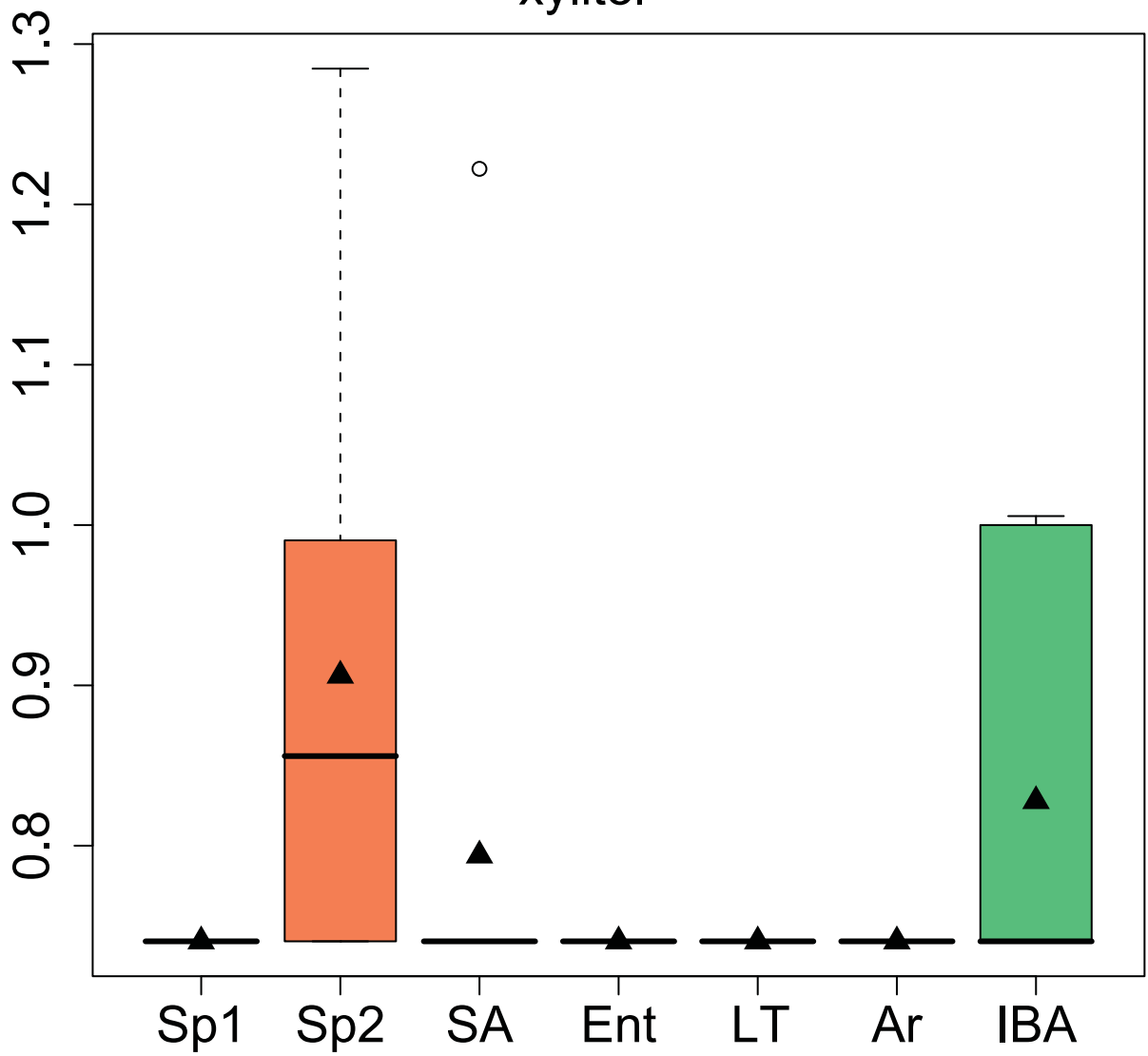
# pyruvate



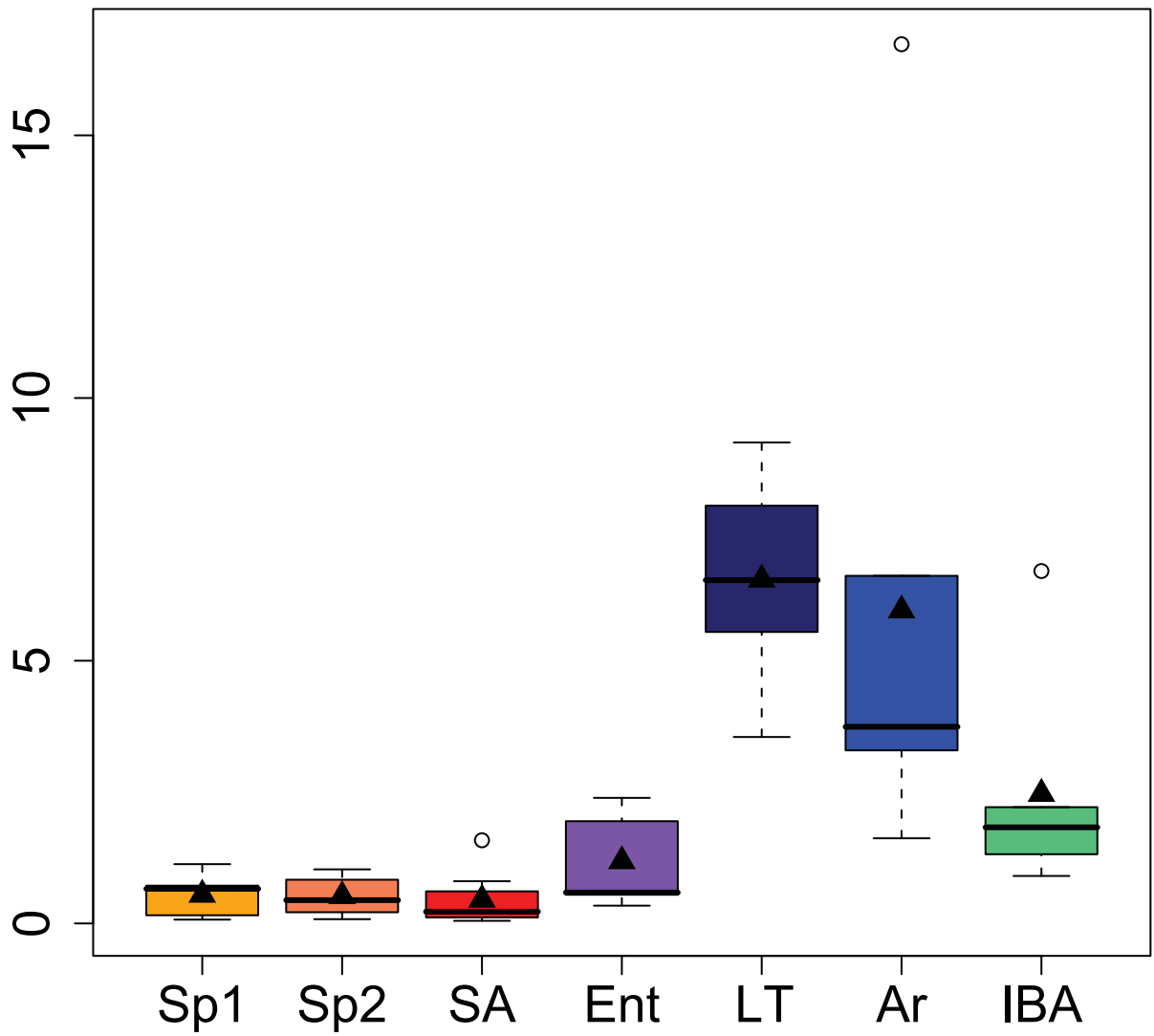
# gluconate



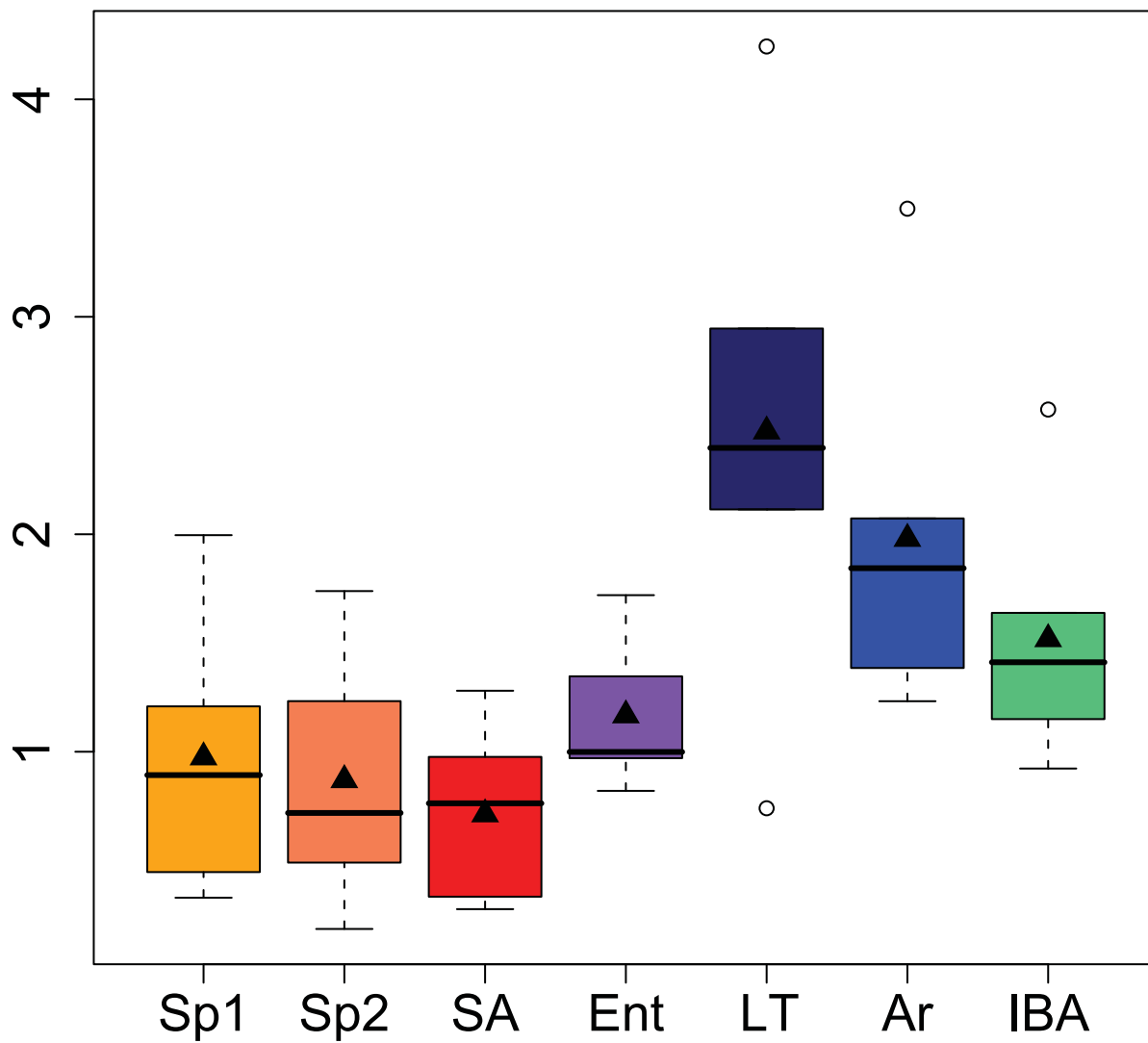
# xylitol



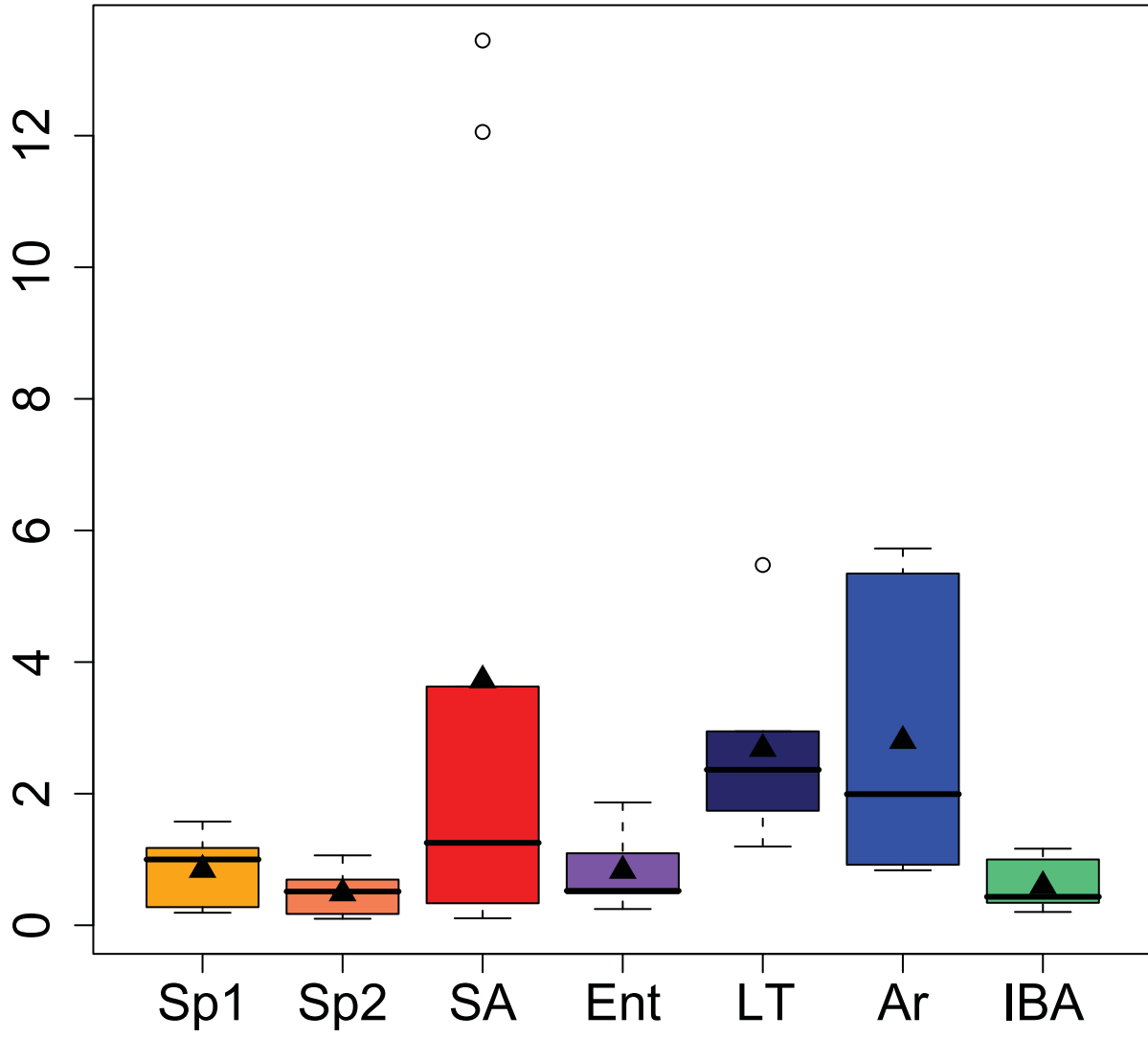
# ascorbate (Vitamin C)



# threonate

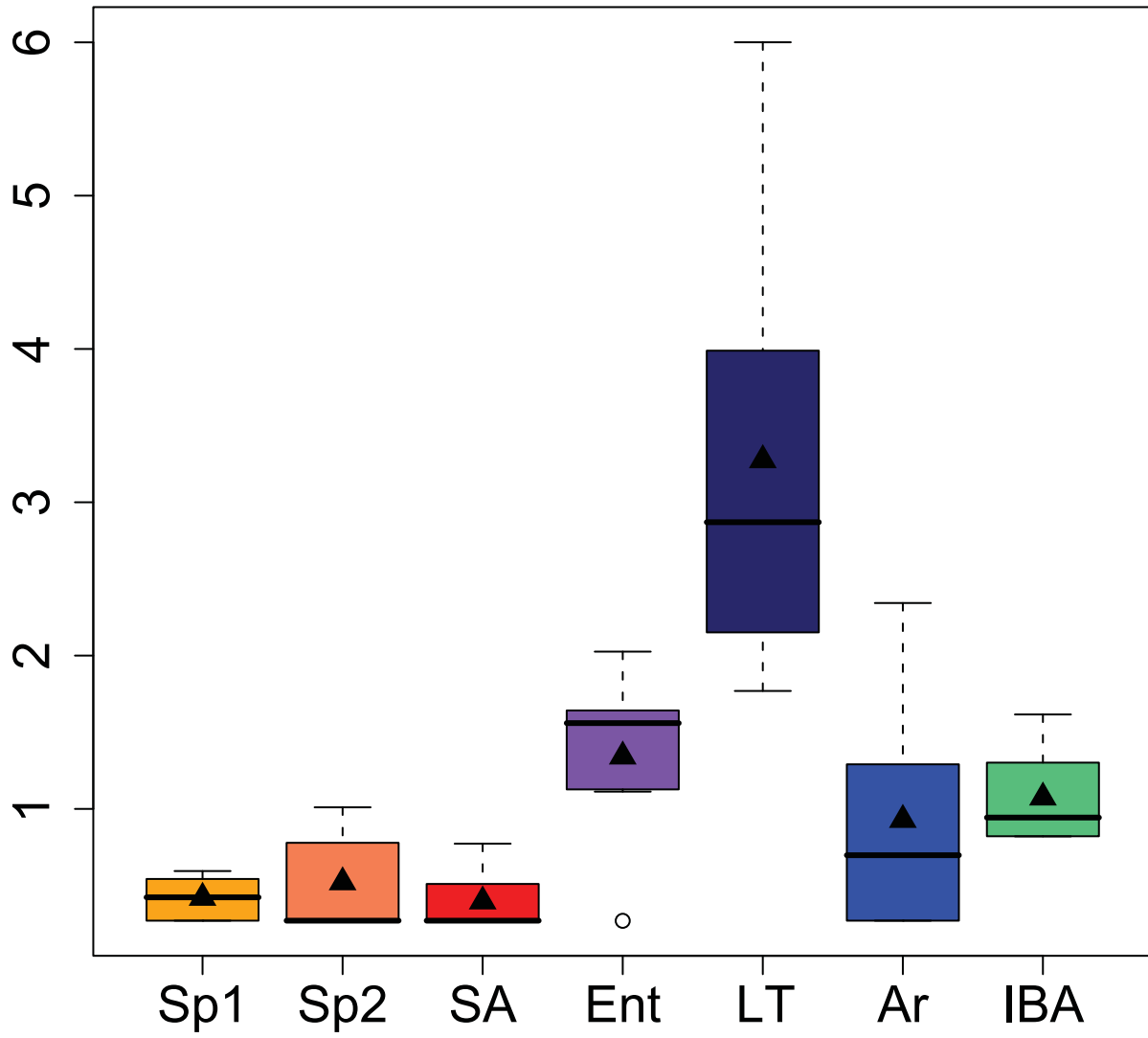


heme\*

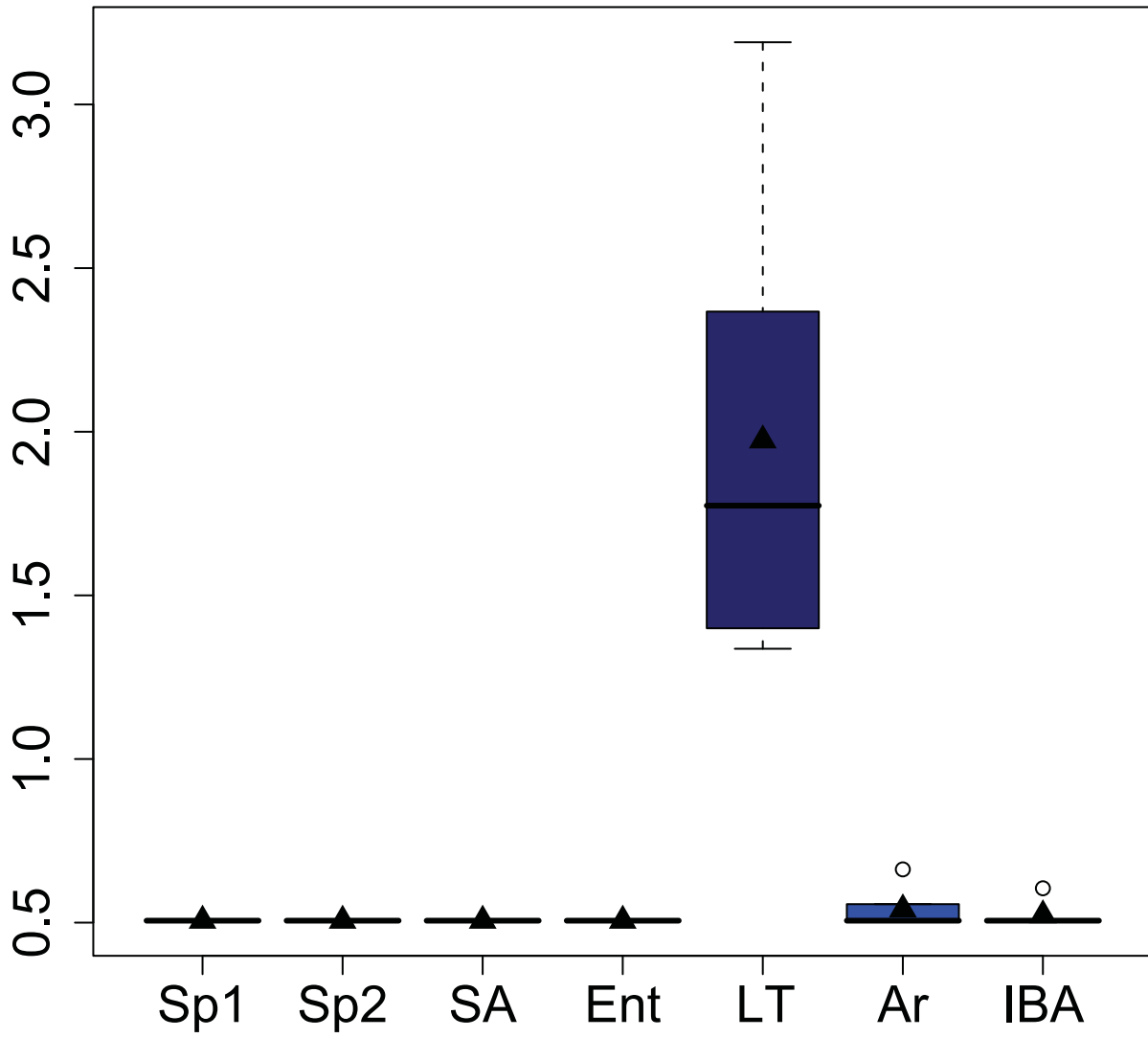




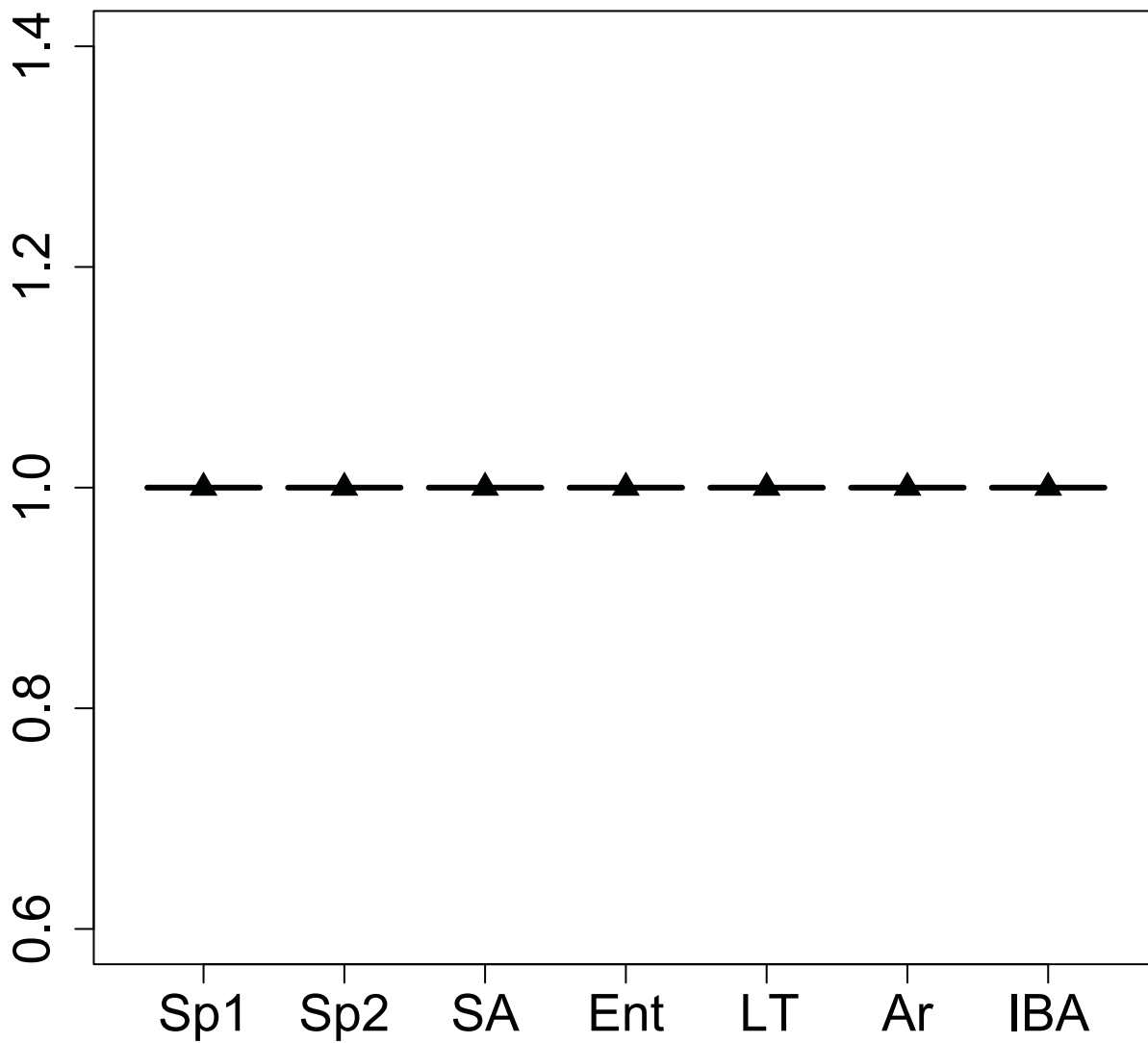
# bilirubin



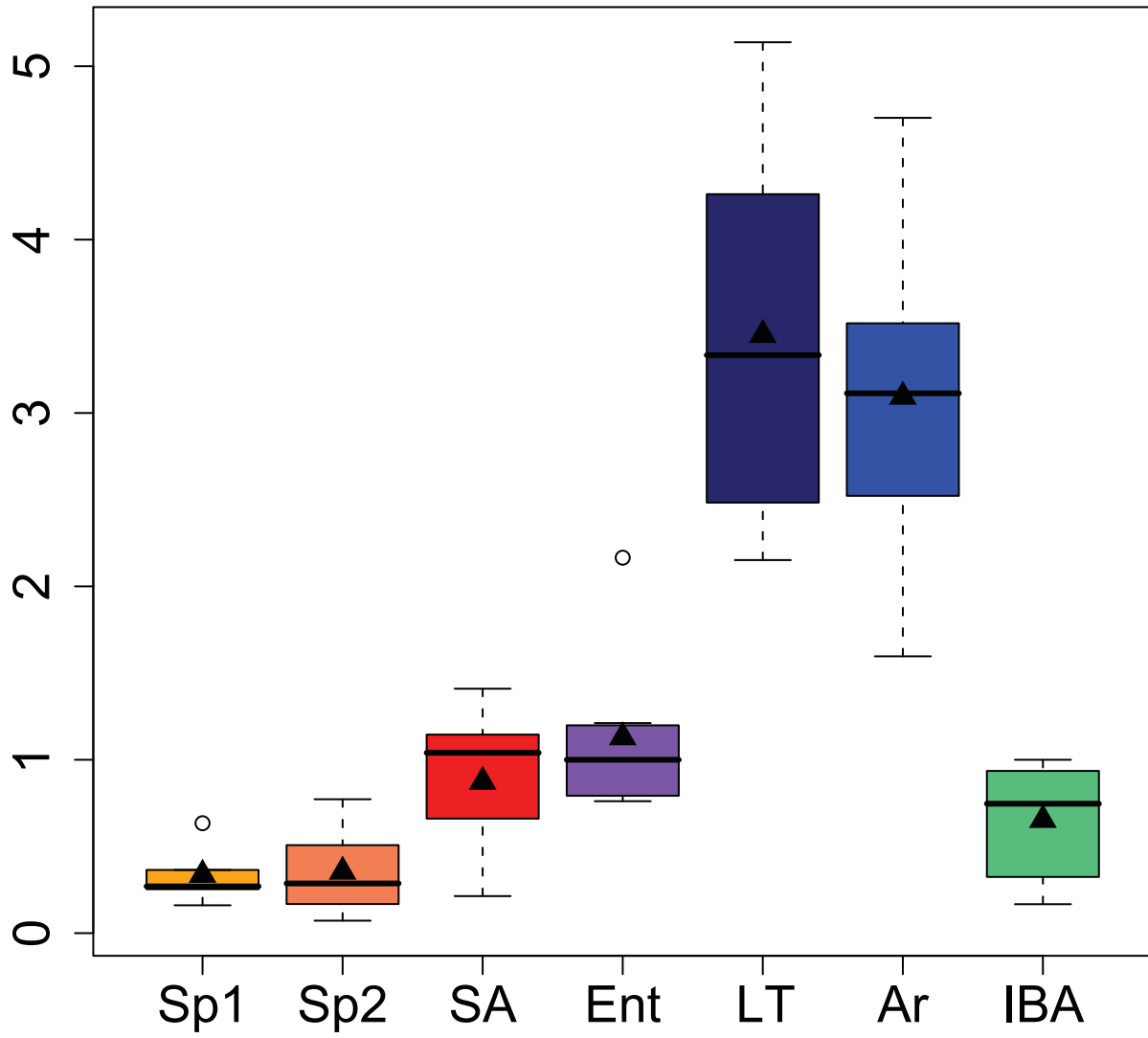
# biliverdin



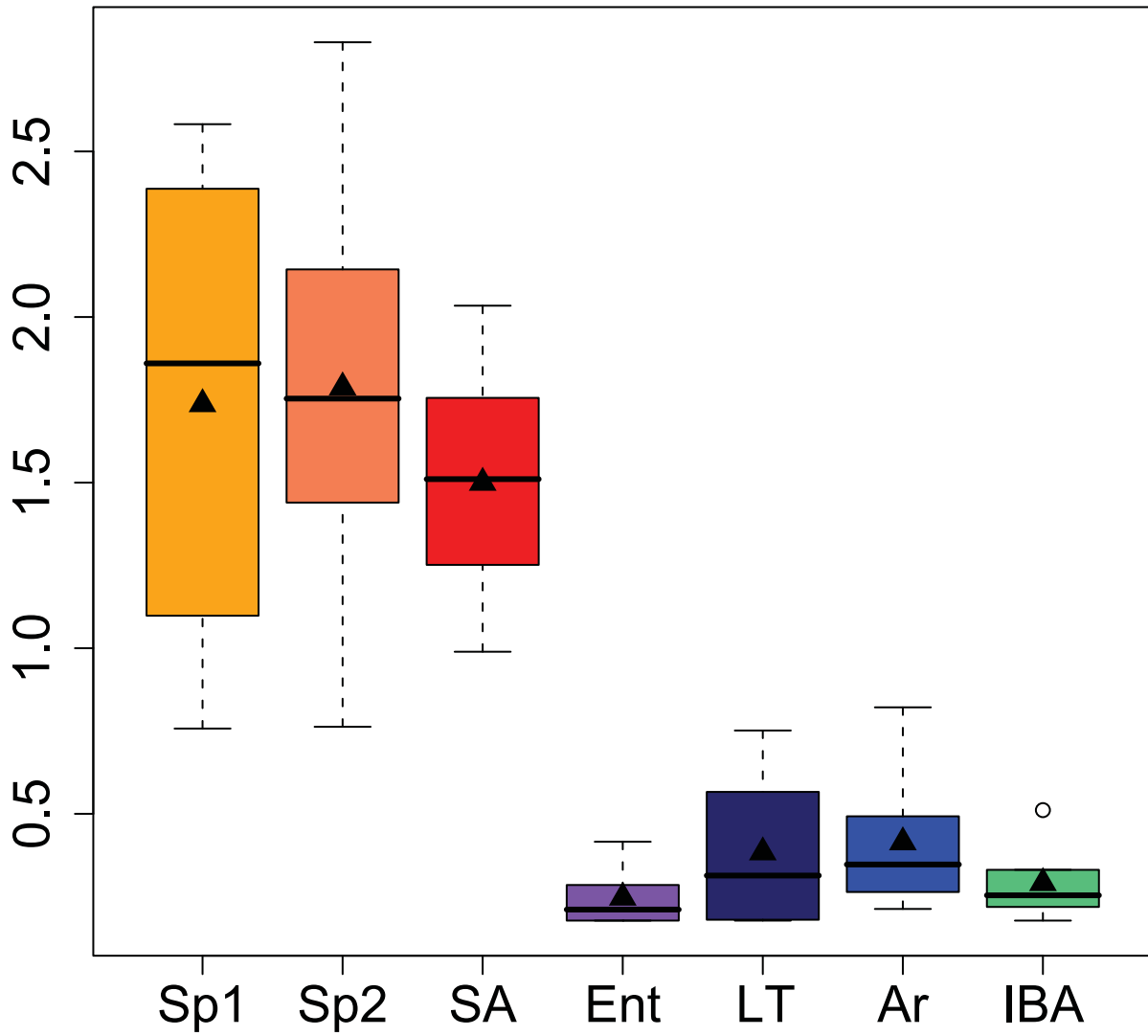
adenosine-5-diphosphoribose



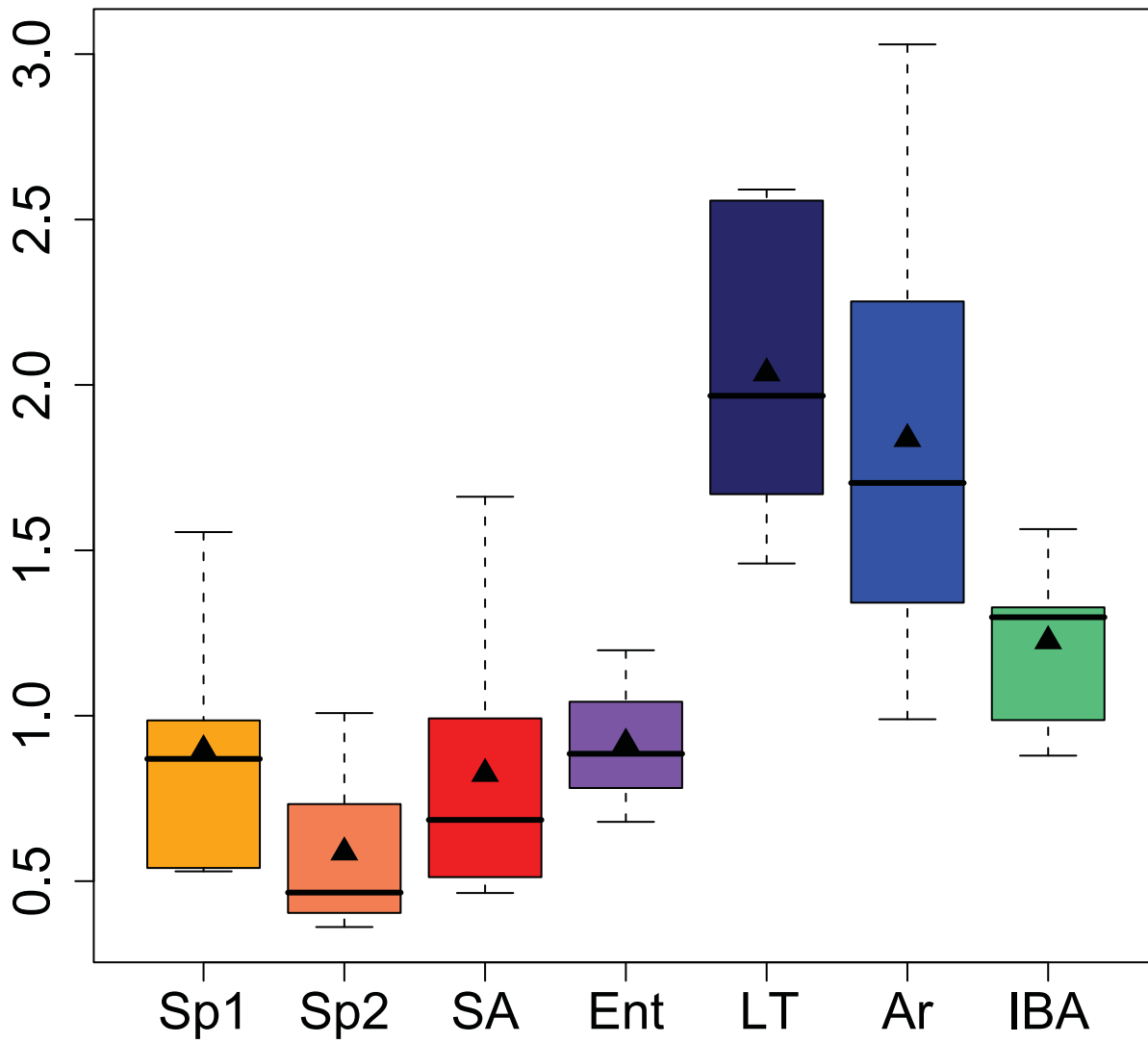
# nicotinamide



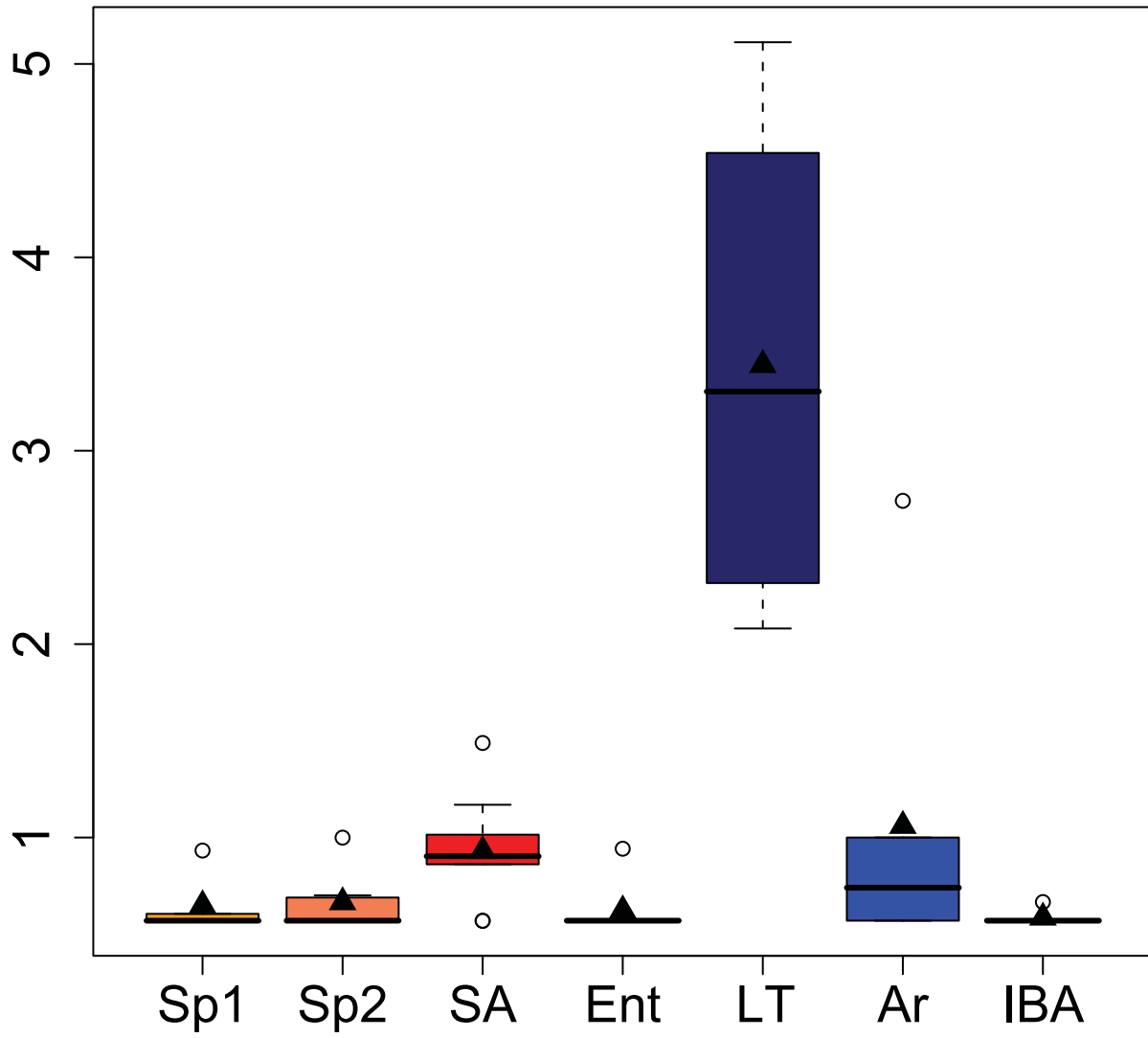
# trigonelline (N-methylnicotinate)



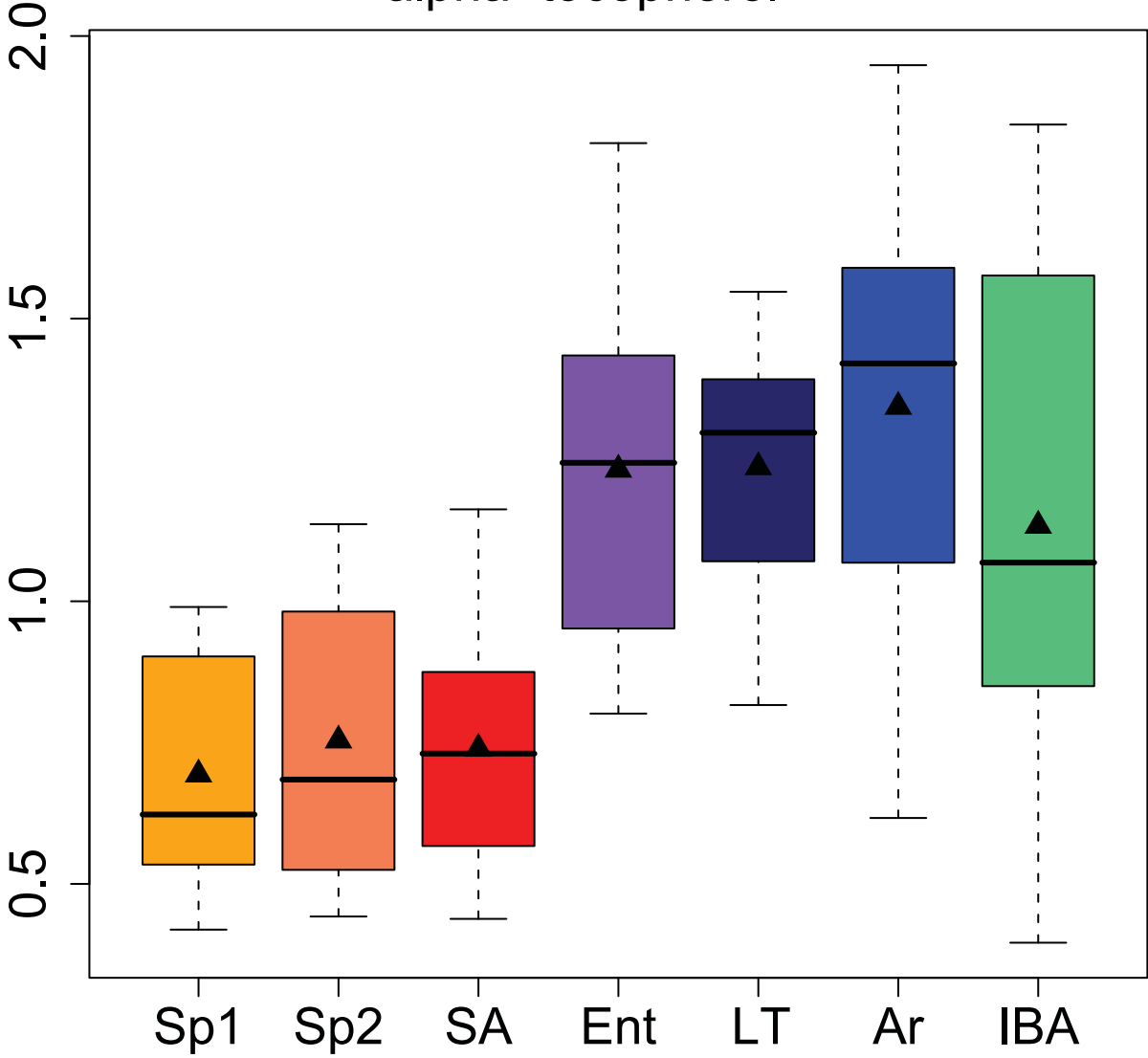
pantothenate



# riboflavin (Vitamin B2)

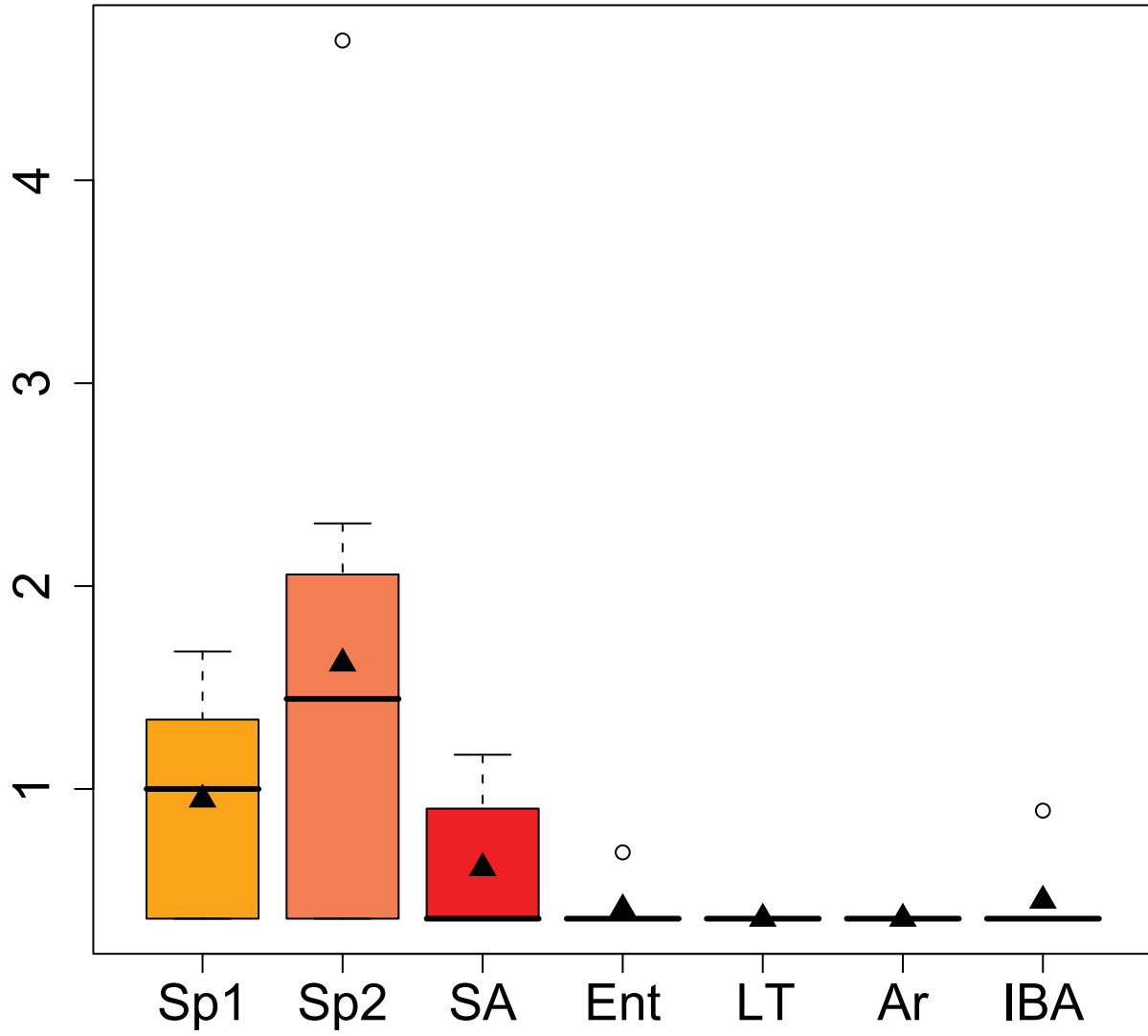


alpha-tocopherol

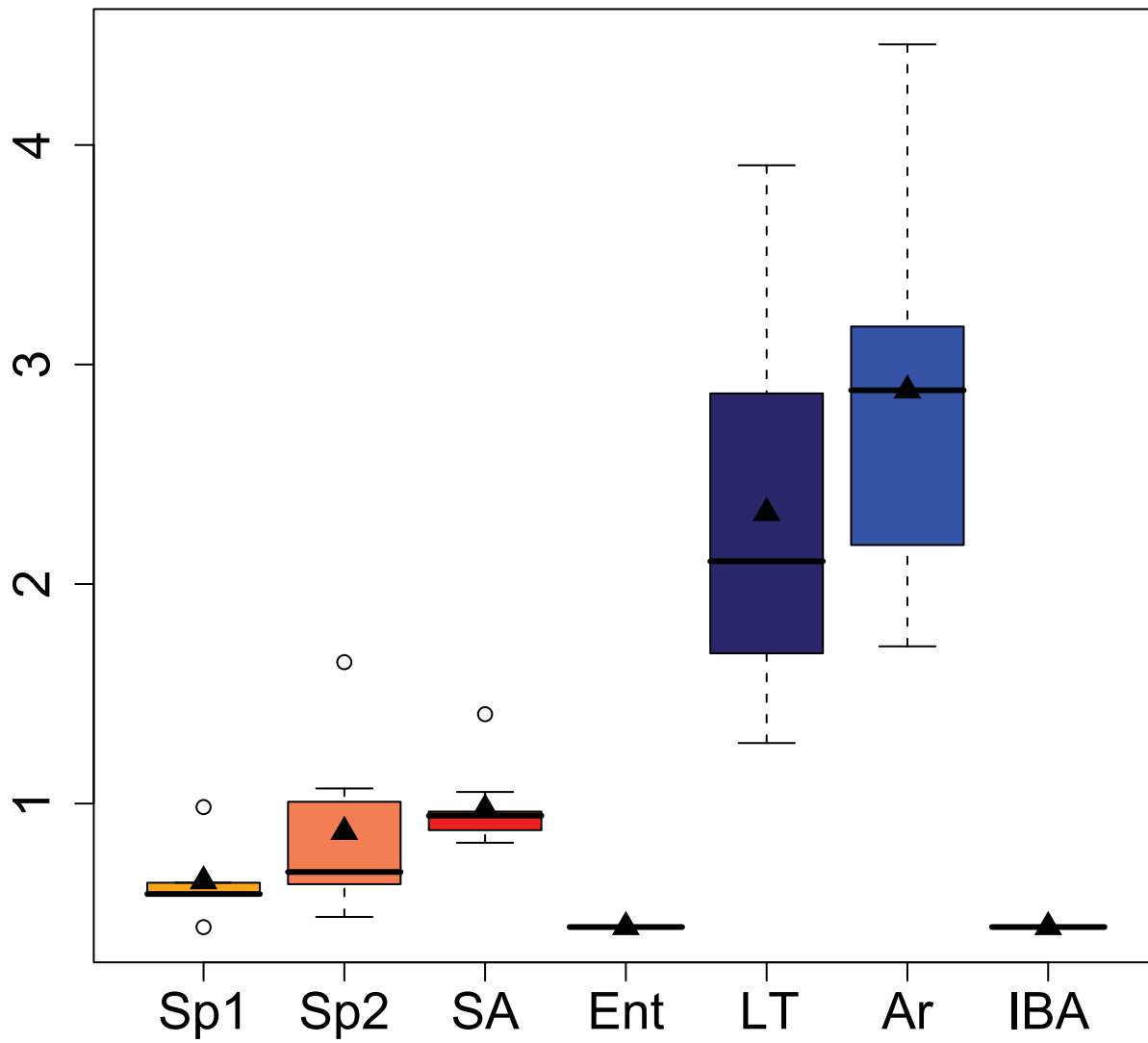




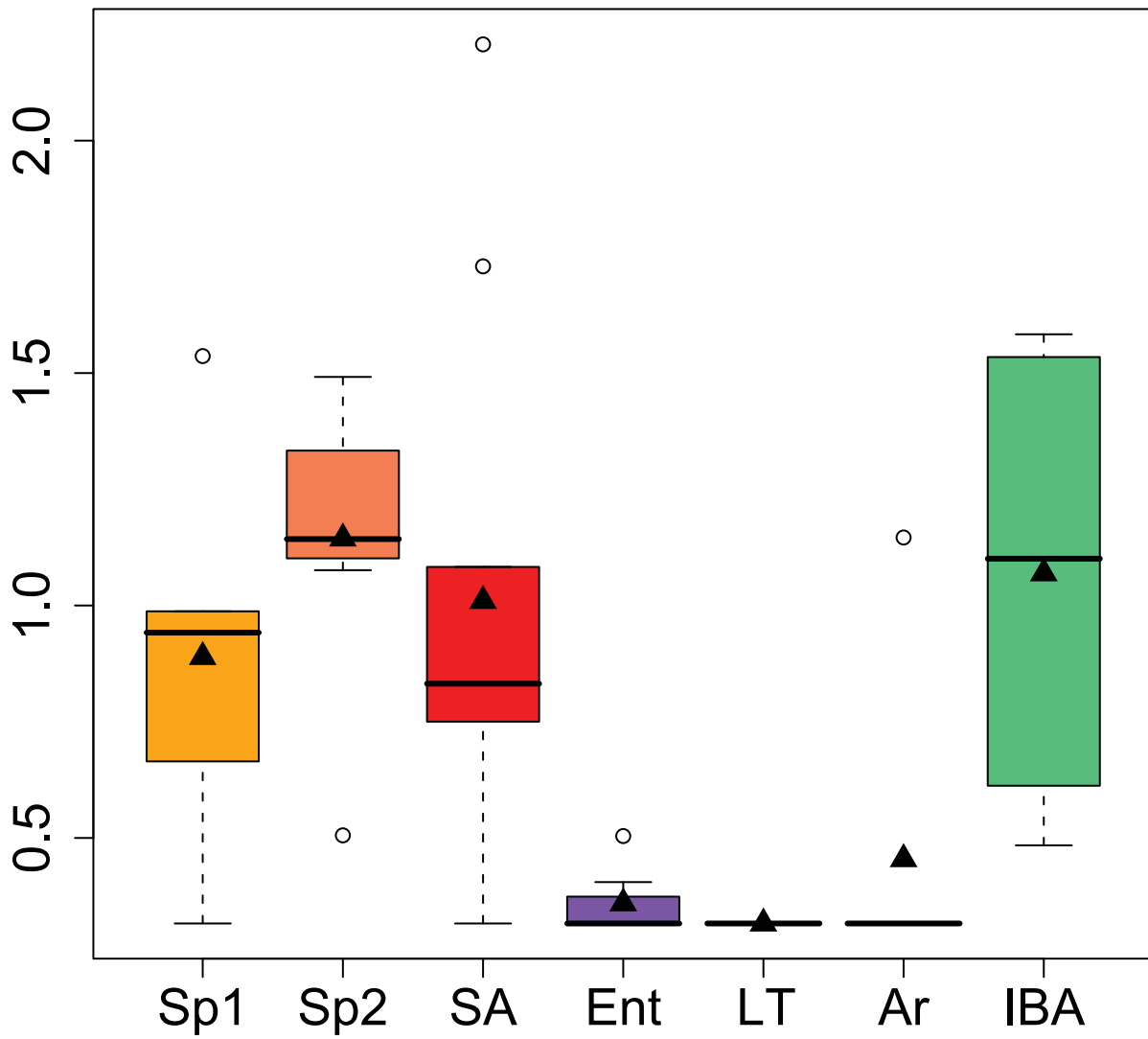
# beta-tocopherol



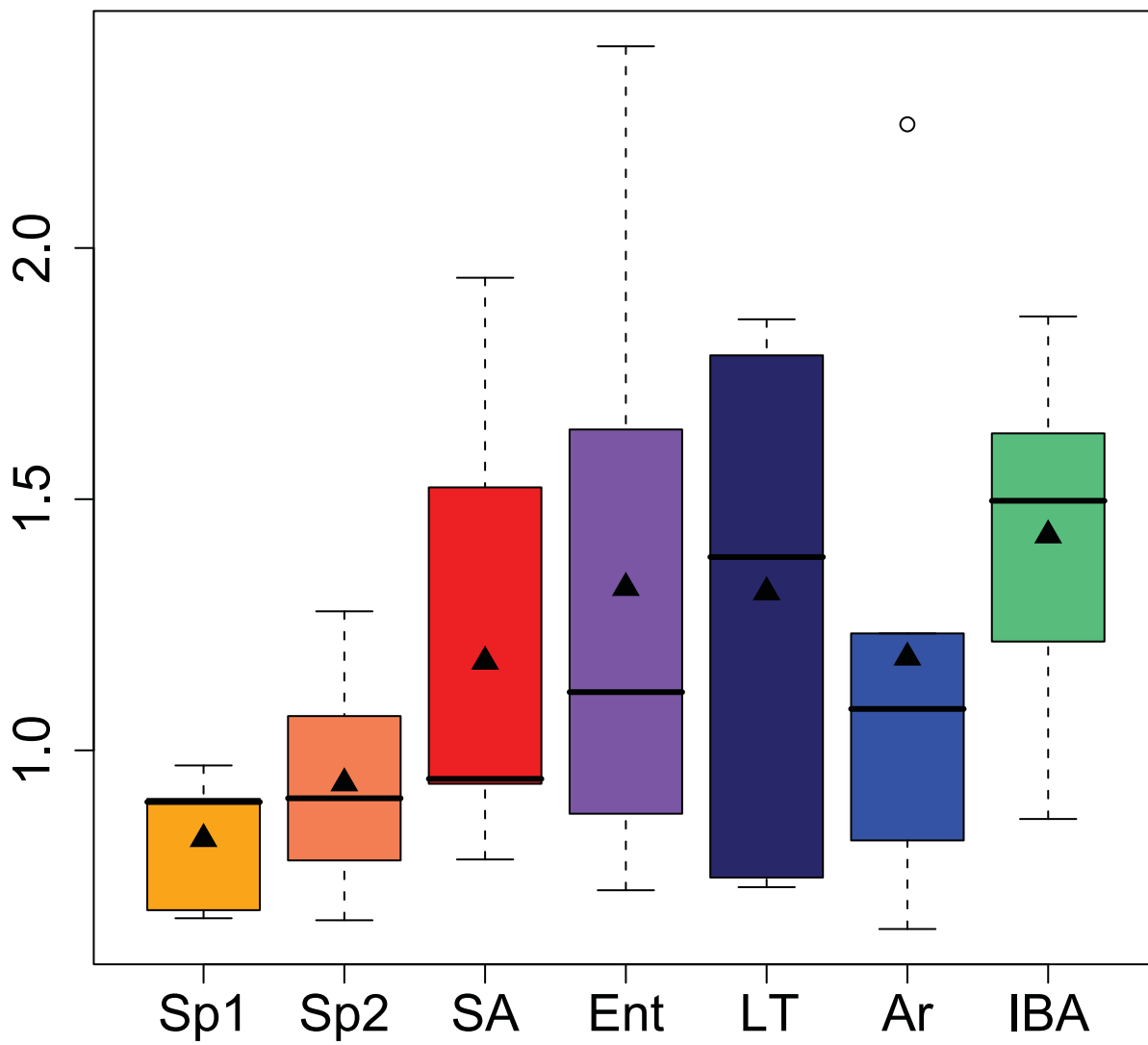
# pyridoxate



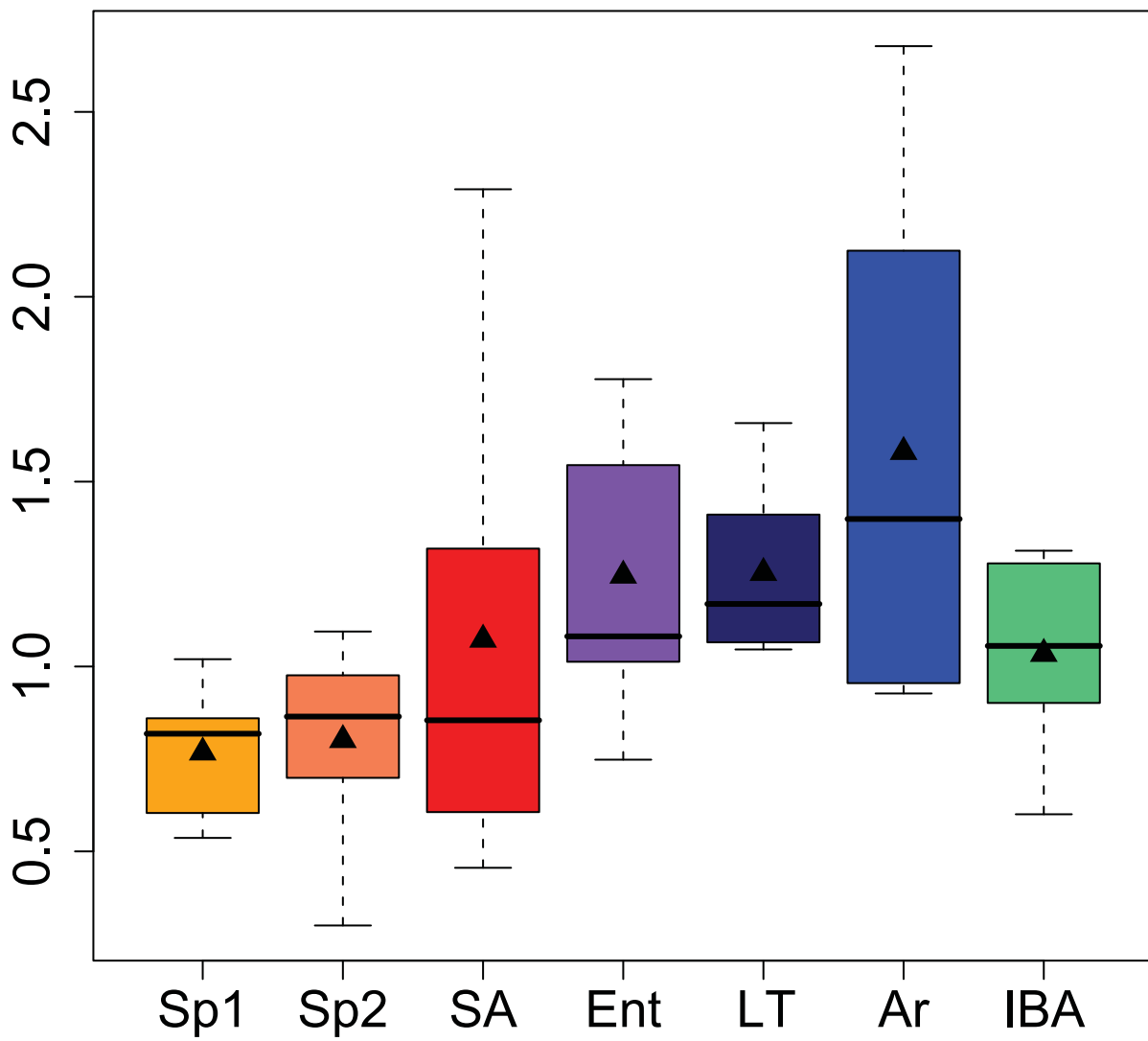
# alpha-ketoglutarate



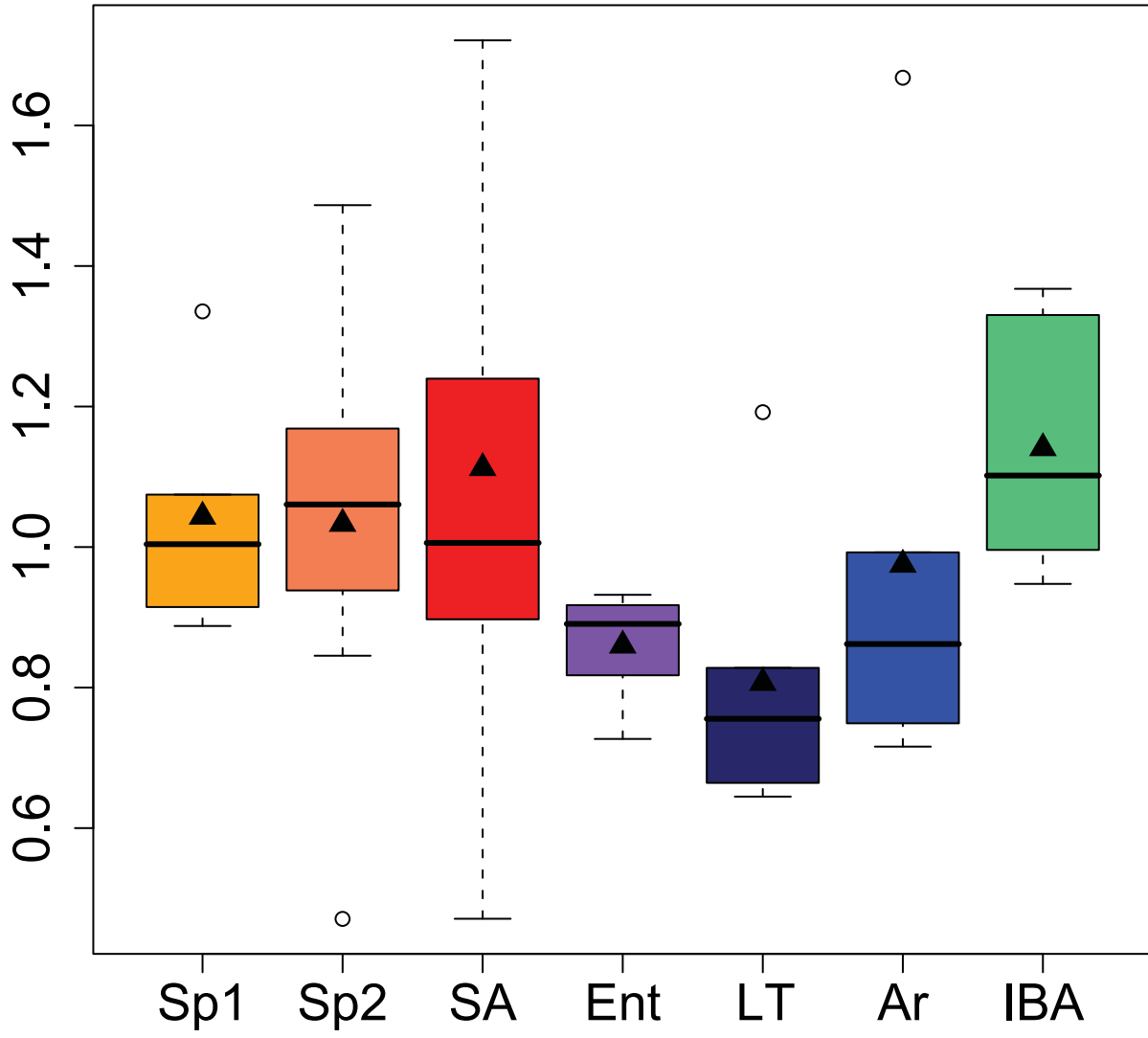
cis-aconitate



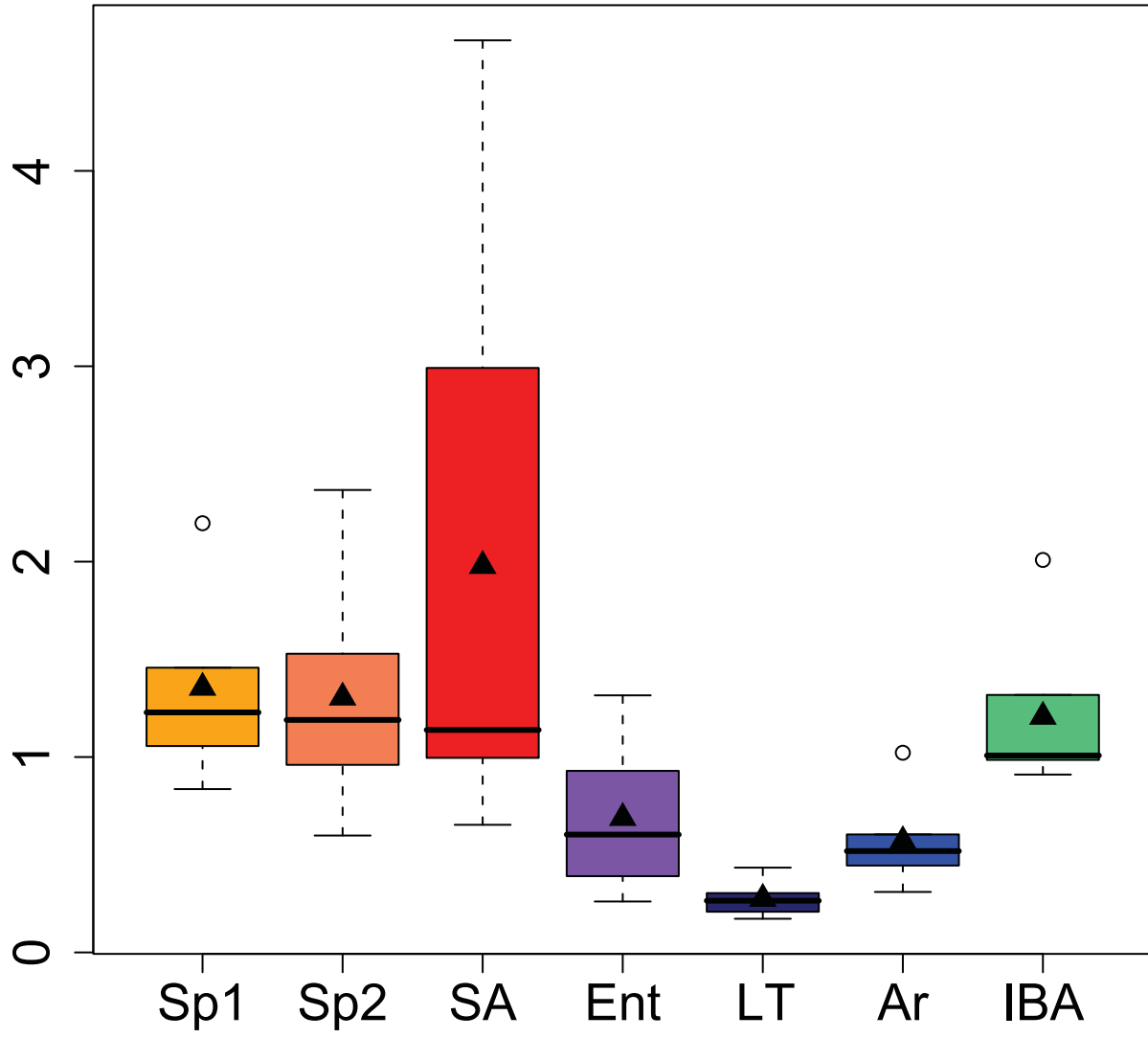
# citrate



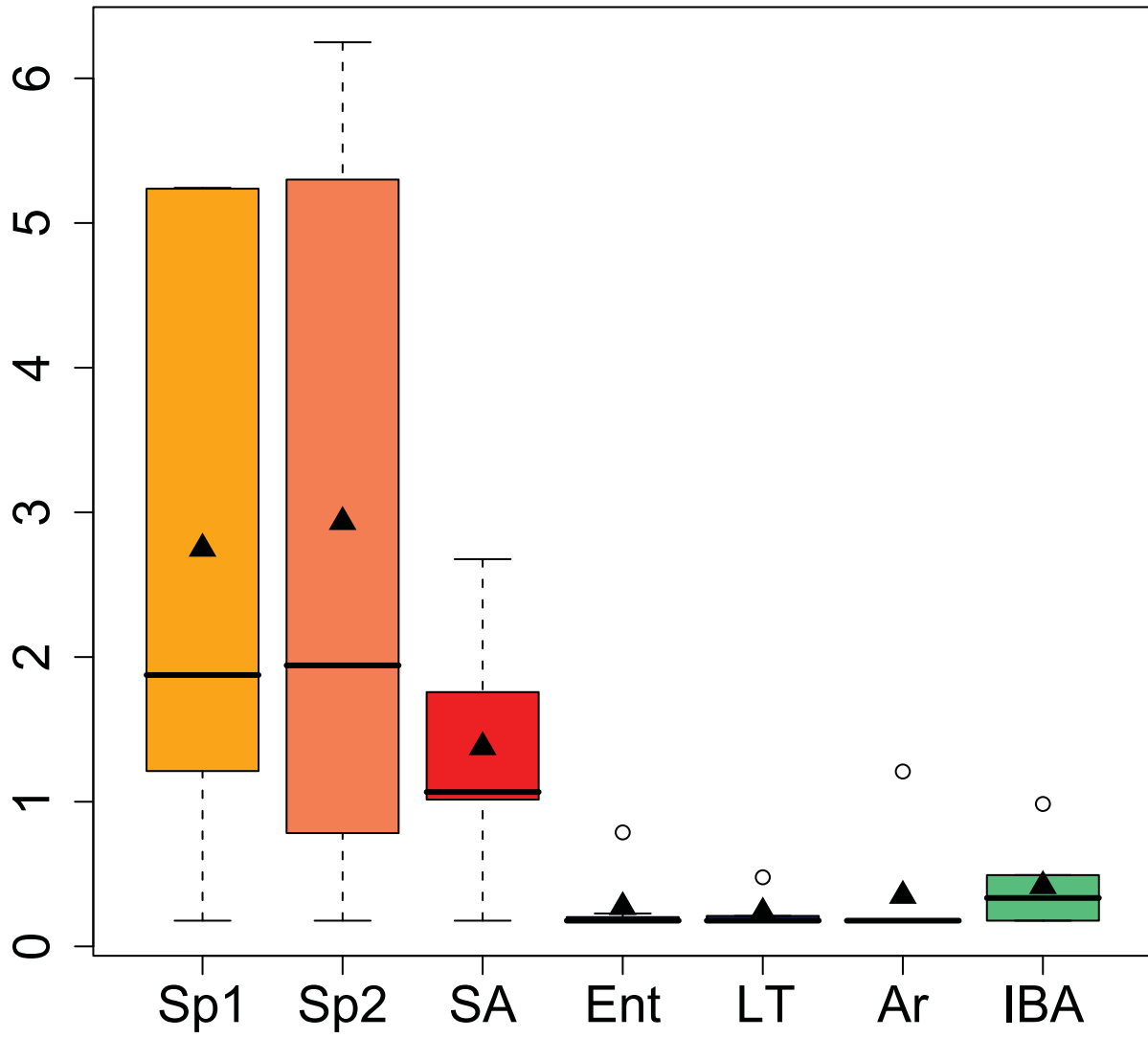
# fumarate



# malate

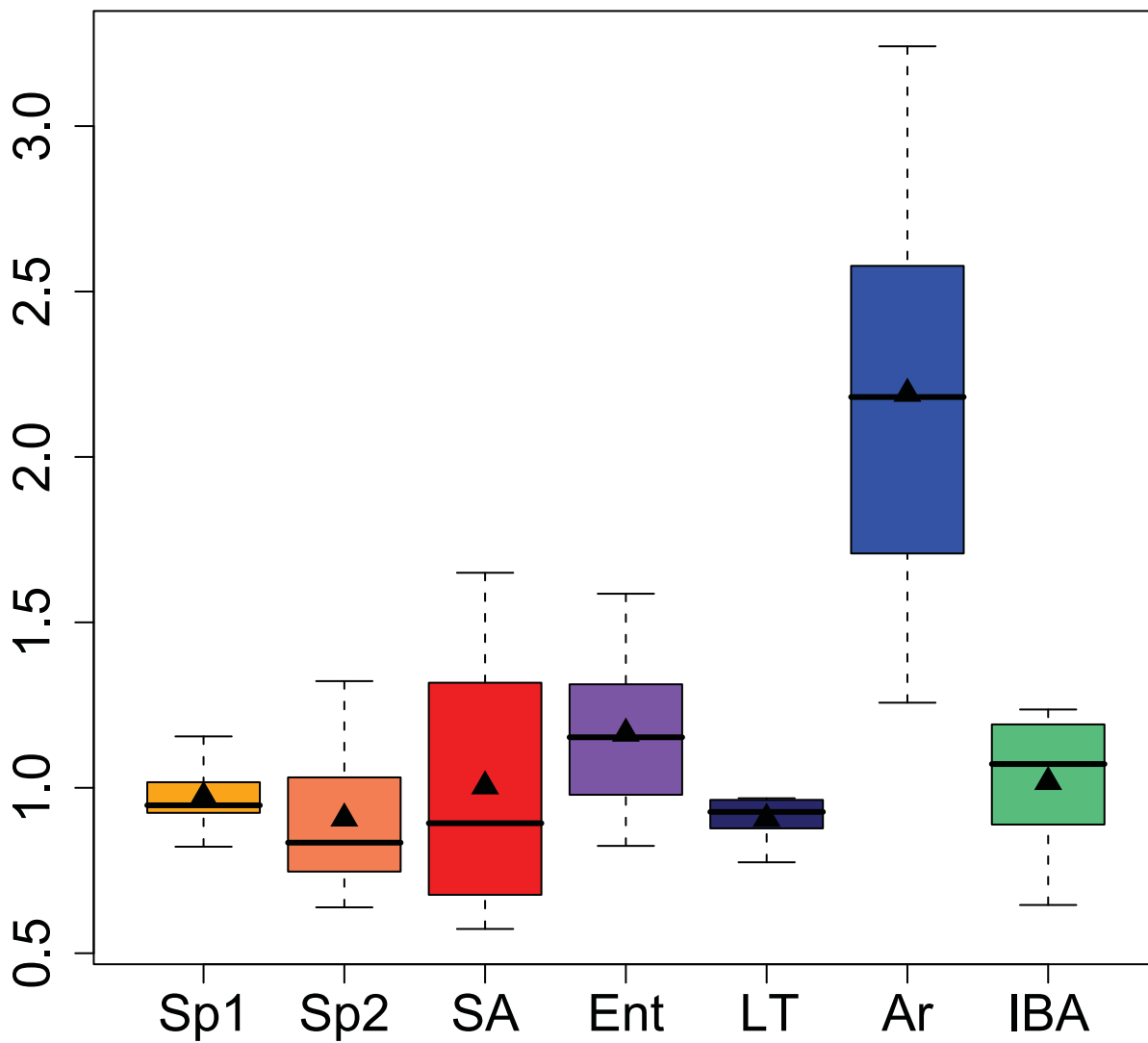


# oxaloacetate

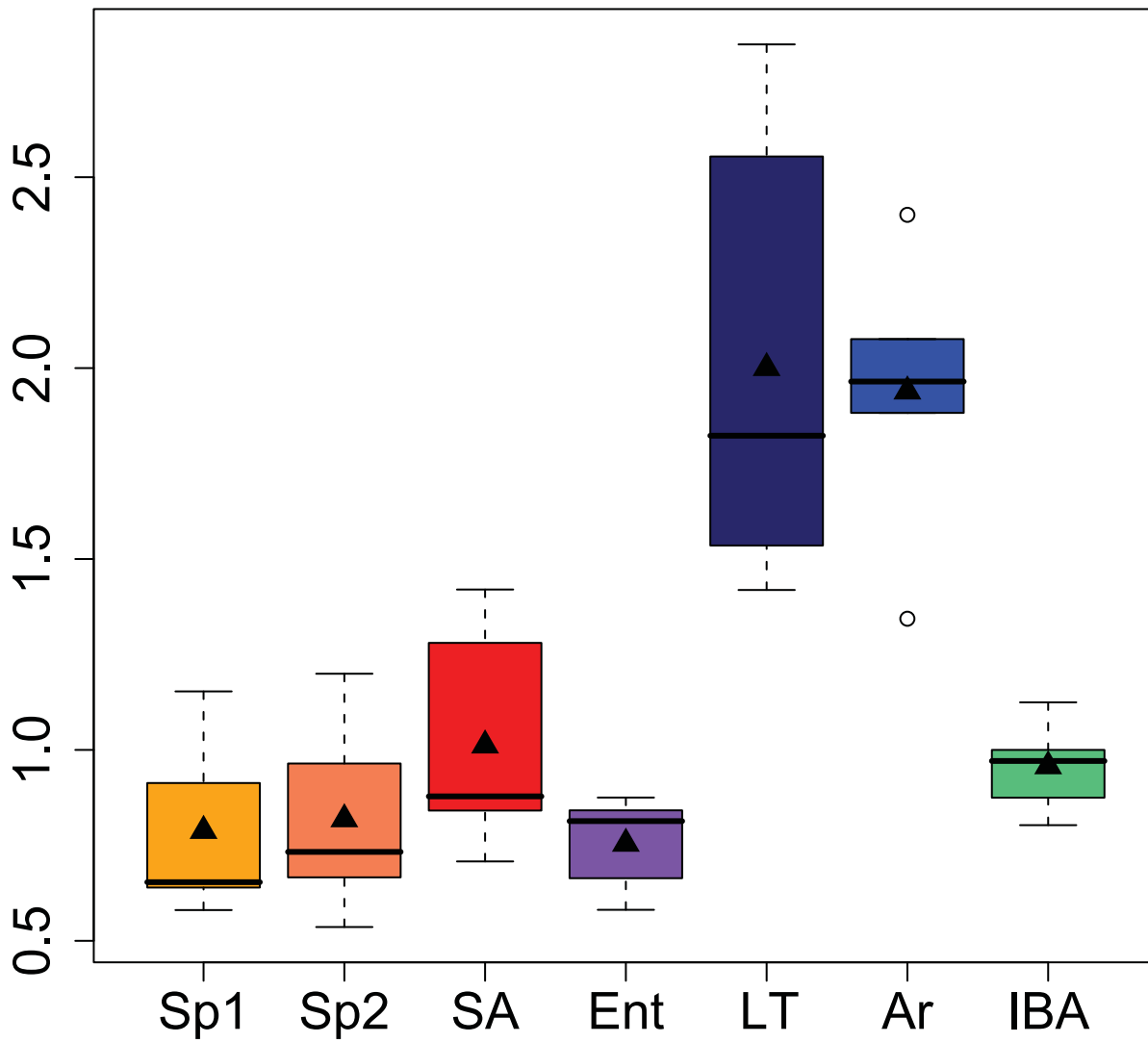




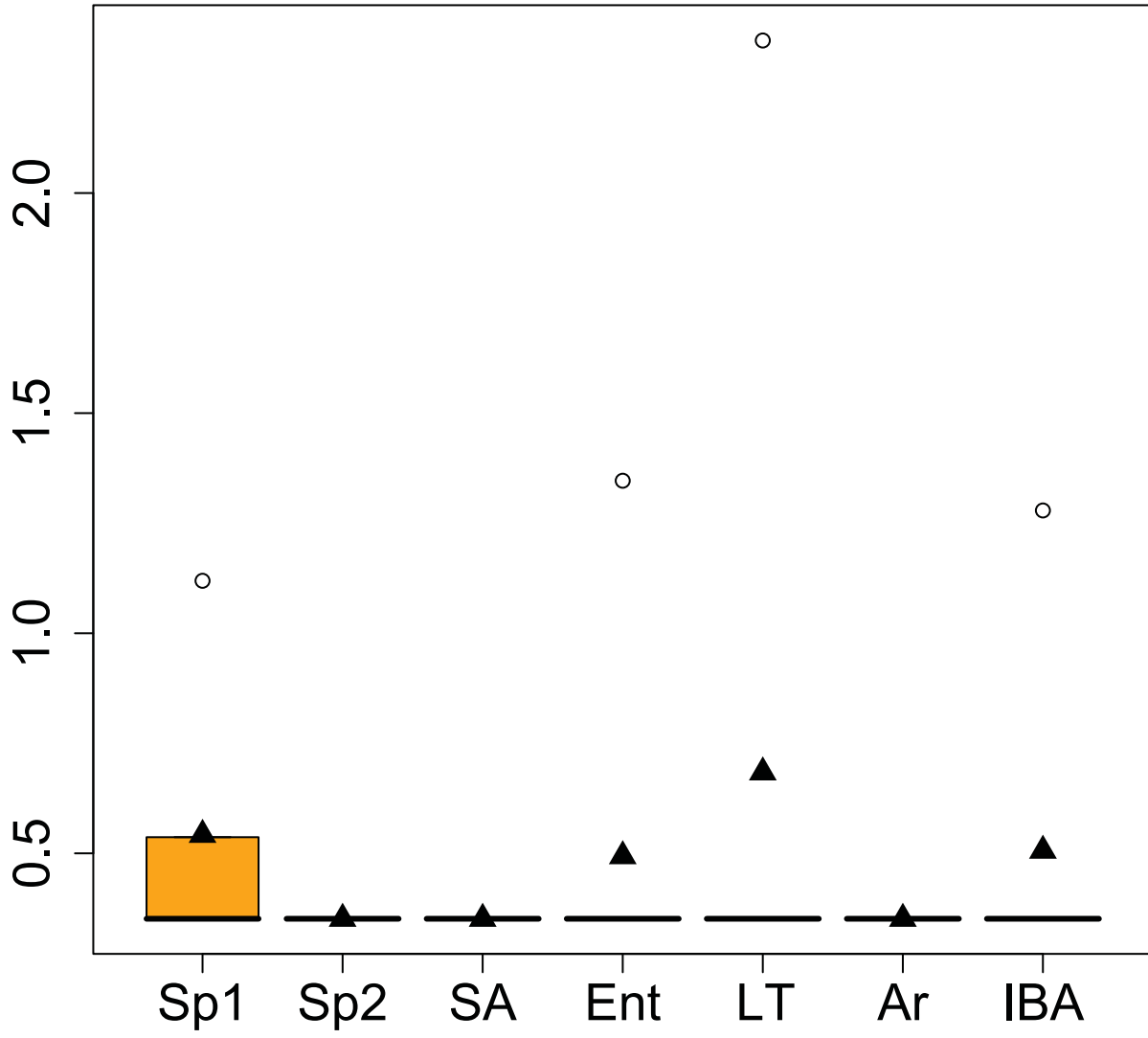
# succinate



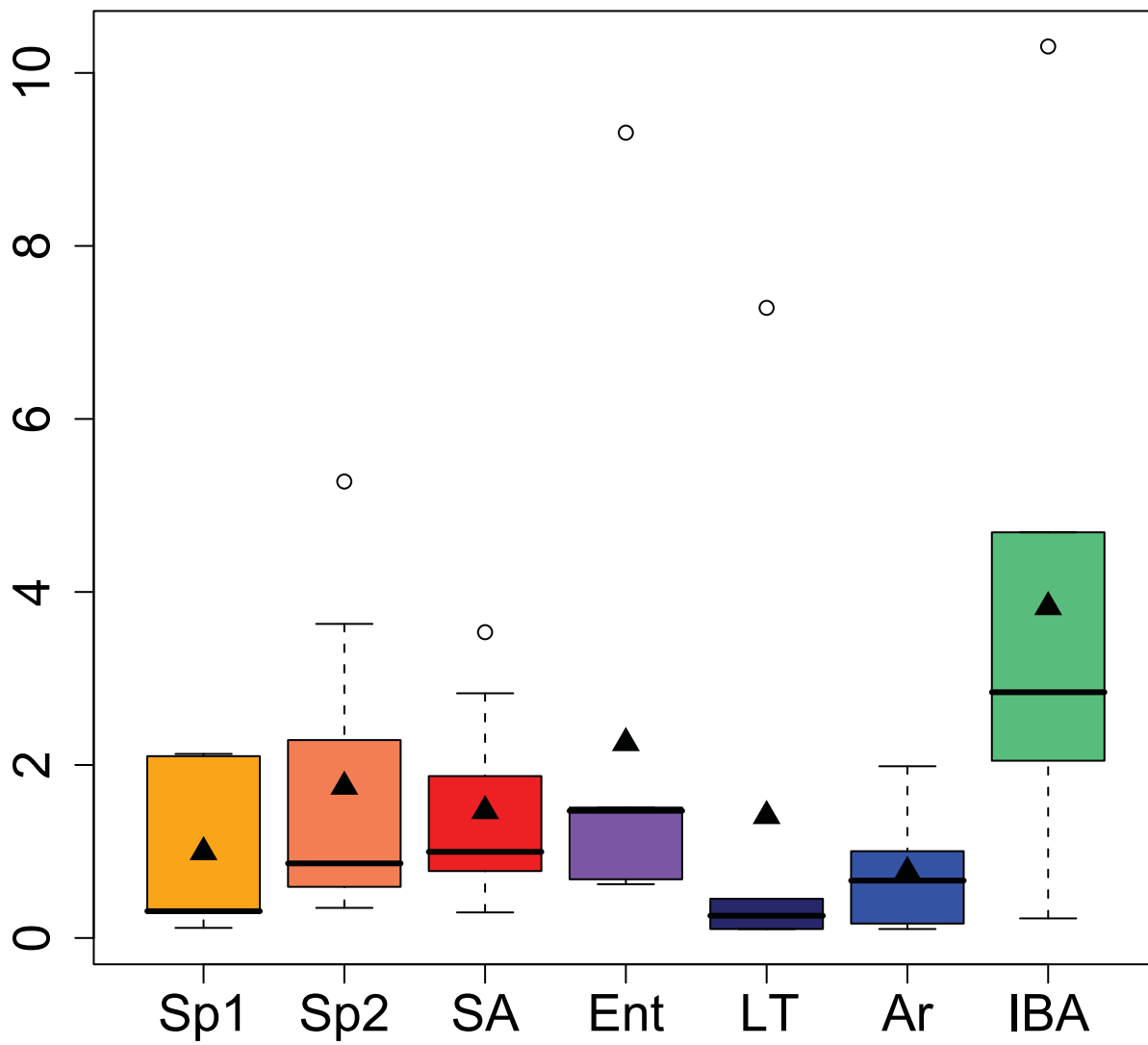
# phosphate



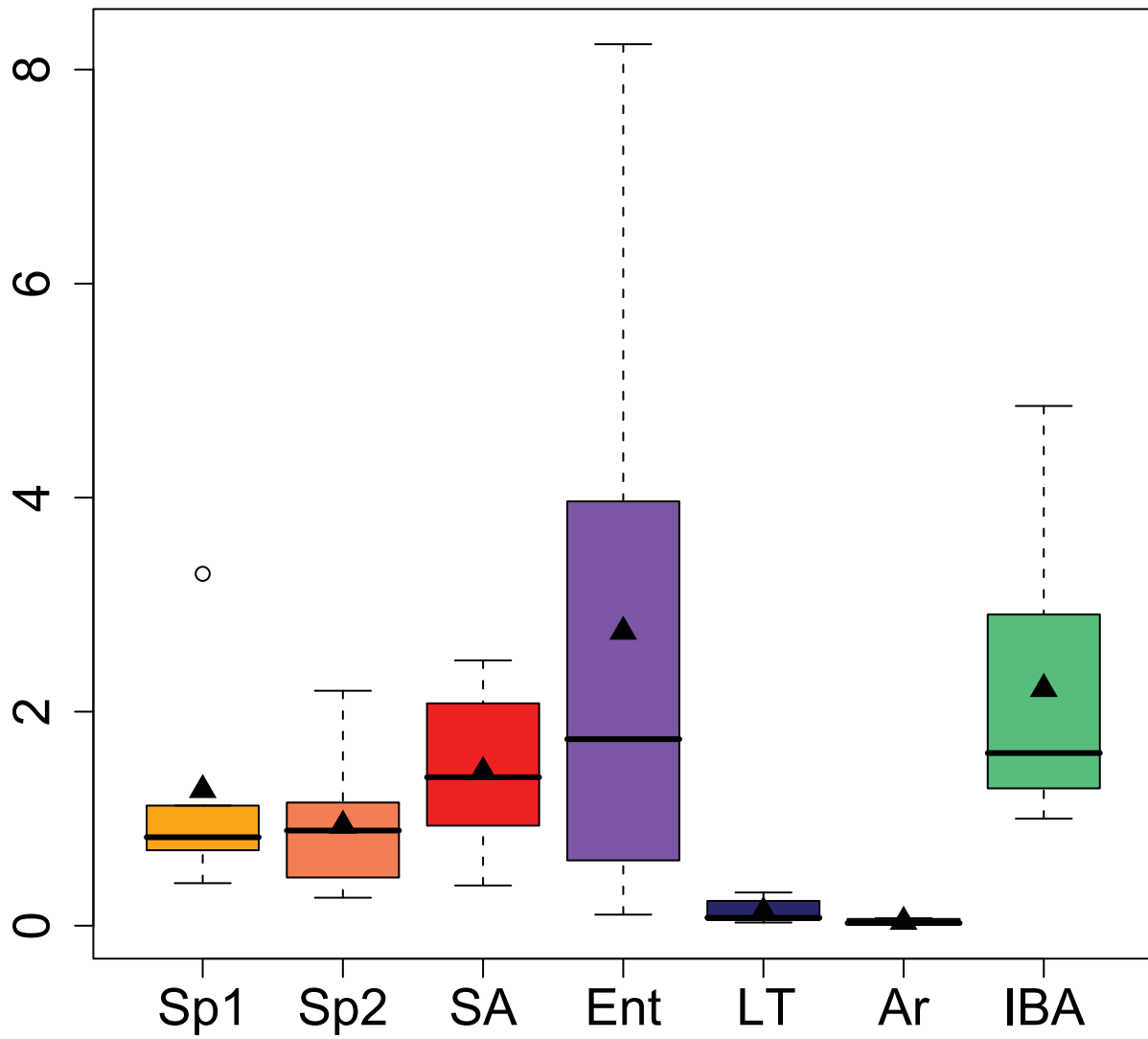
# cholate



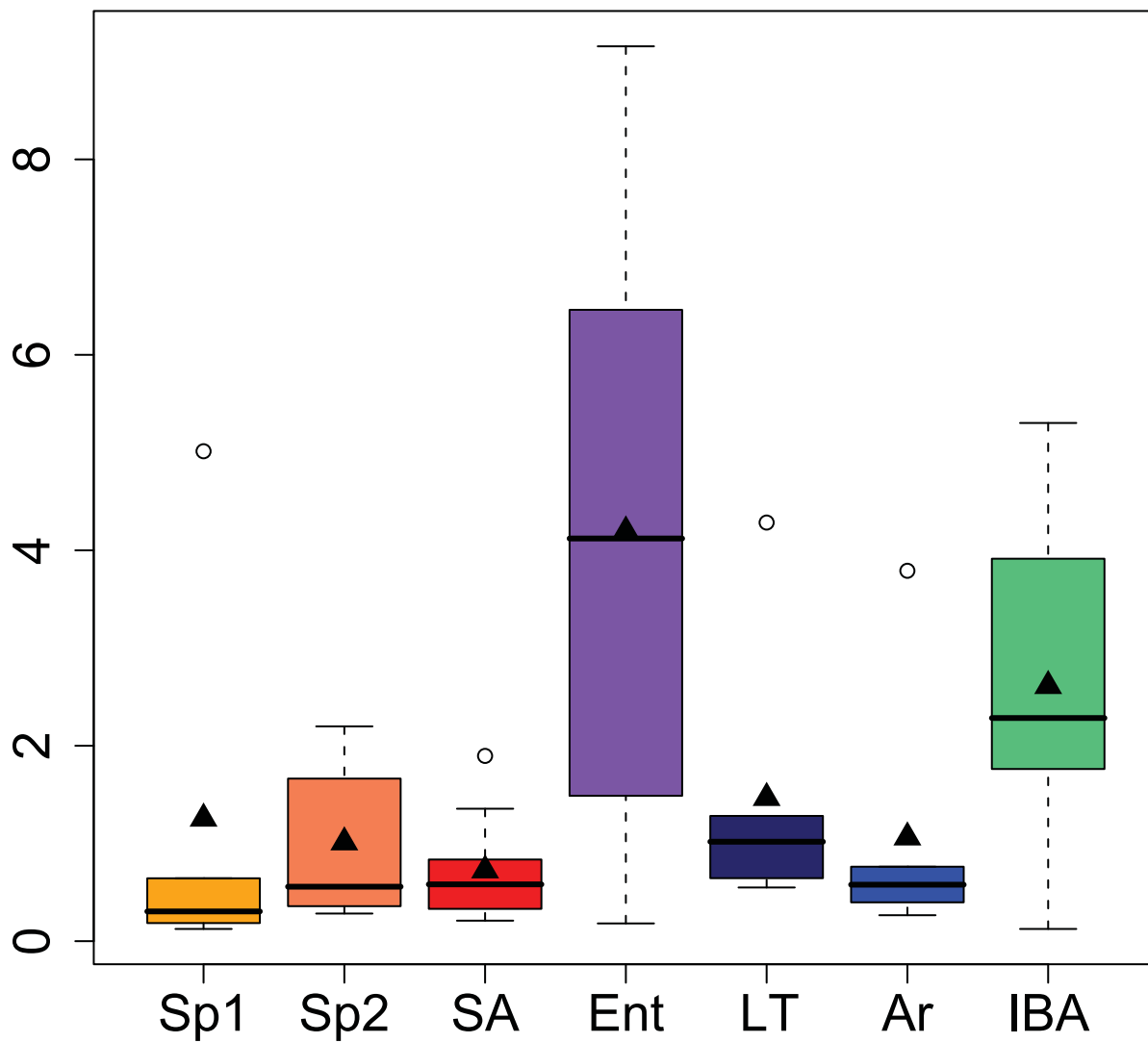
# deoxycholate



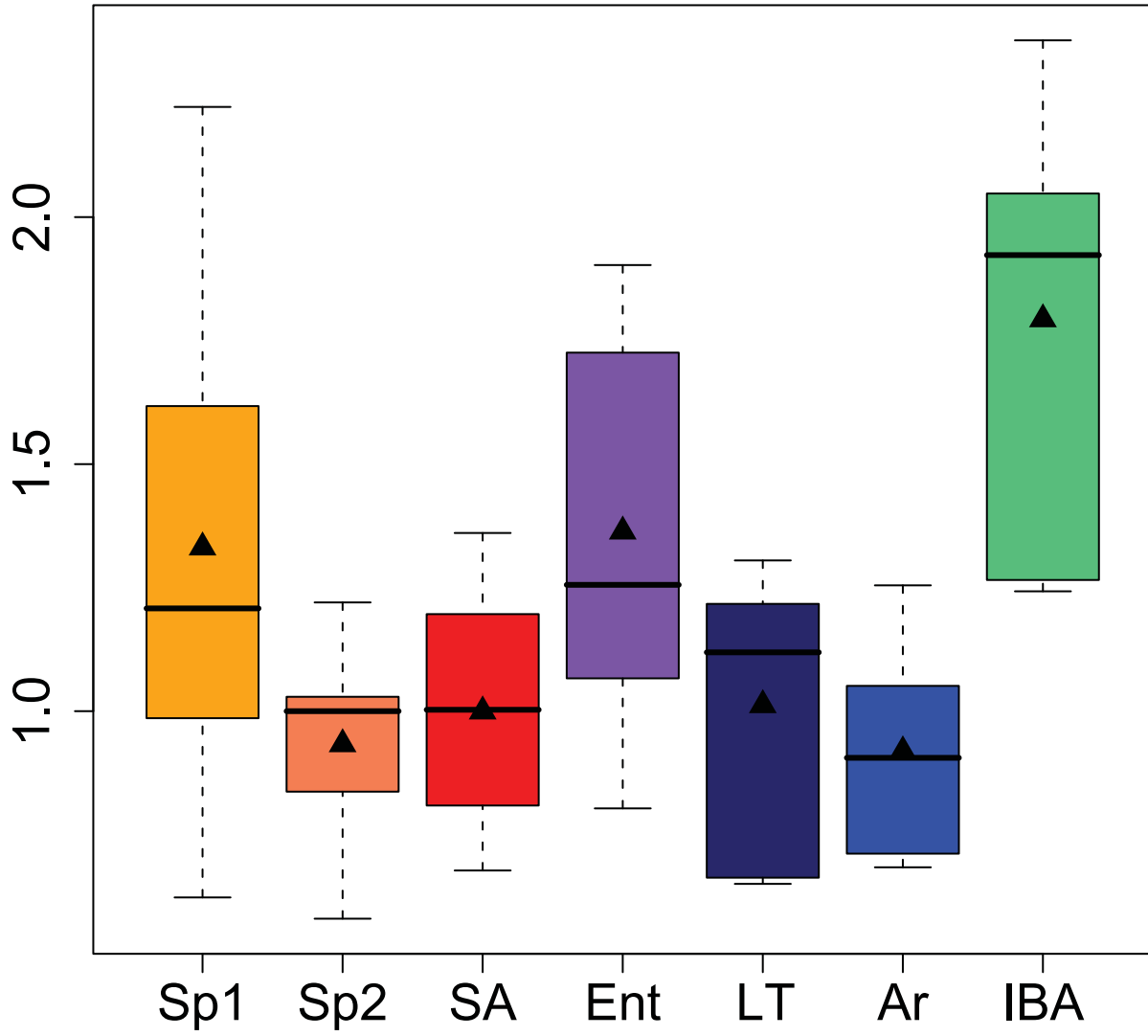
# taurochenodeoxycholate



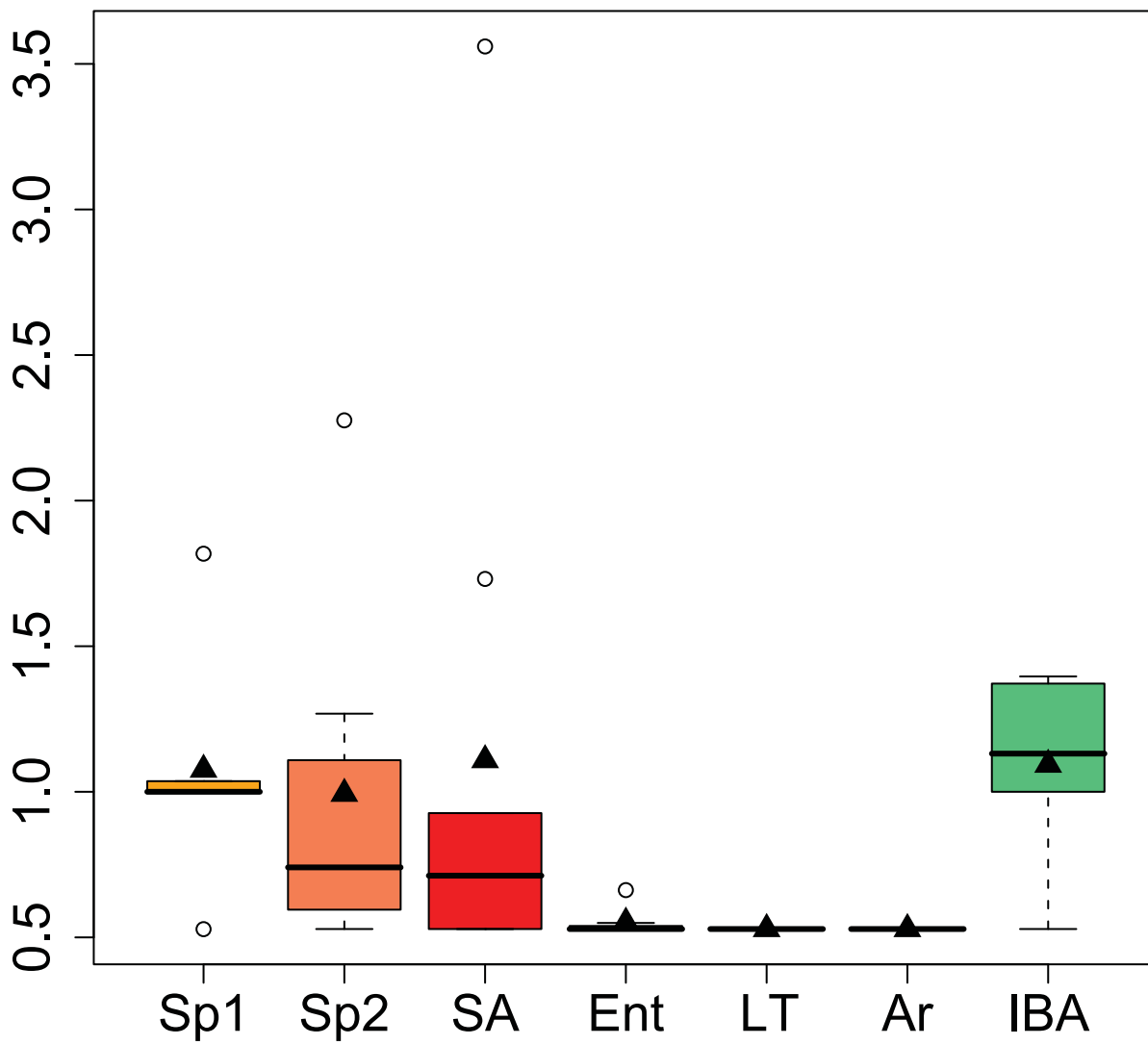
# taurocholate



# acetylcarnitine

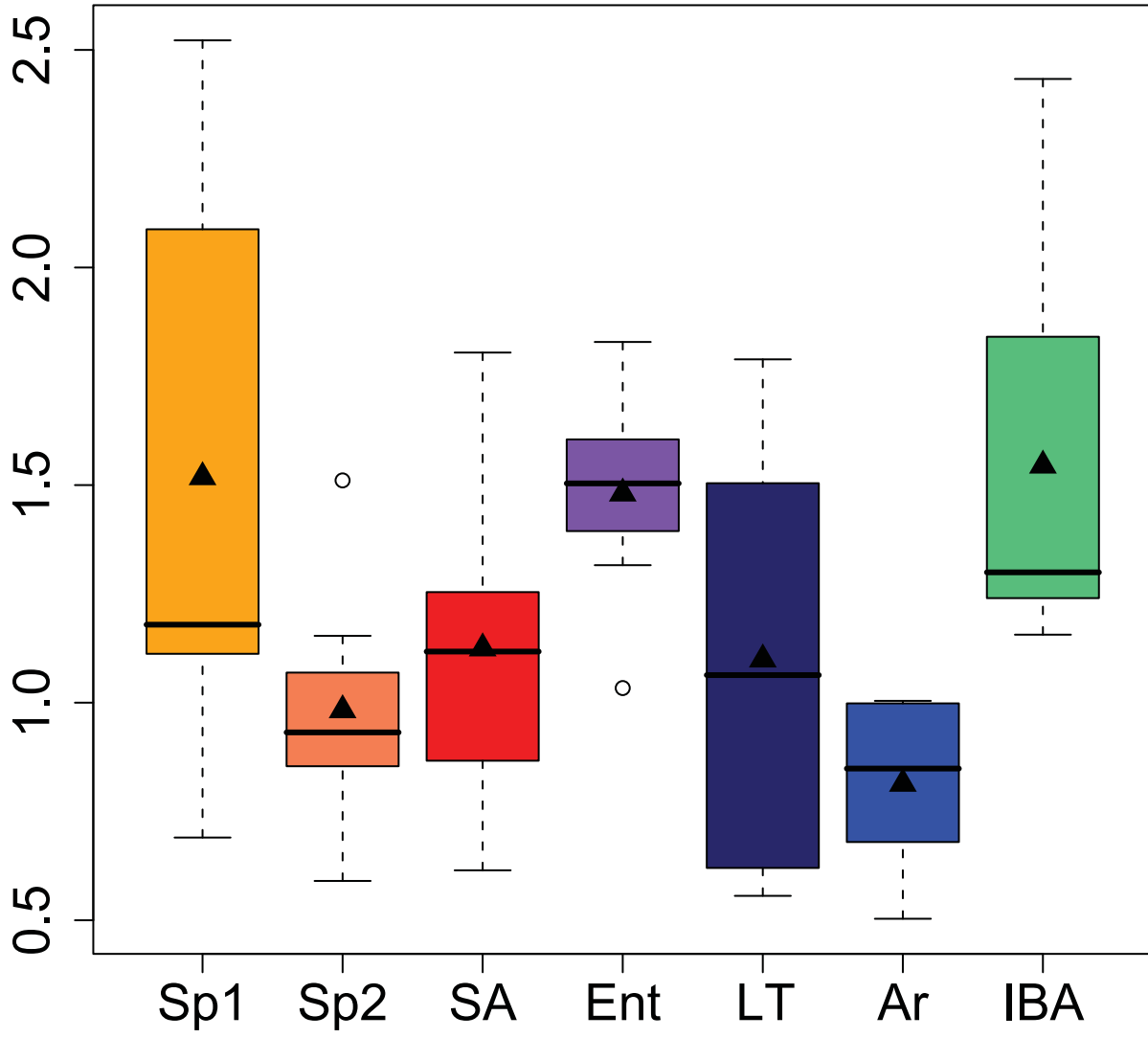


# butyrylcarnitine

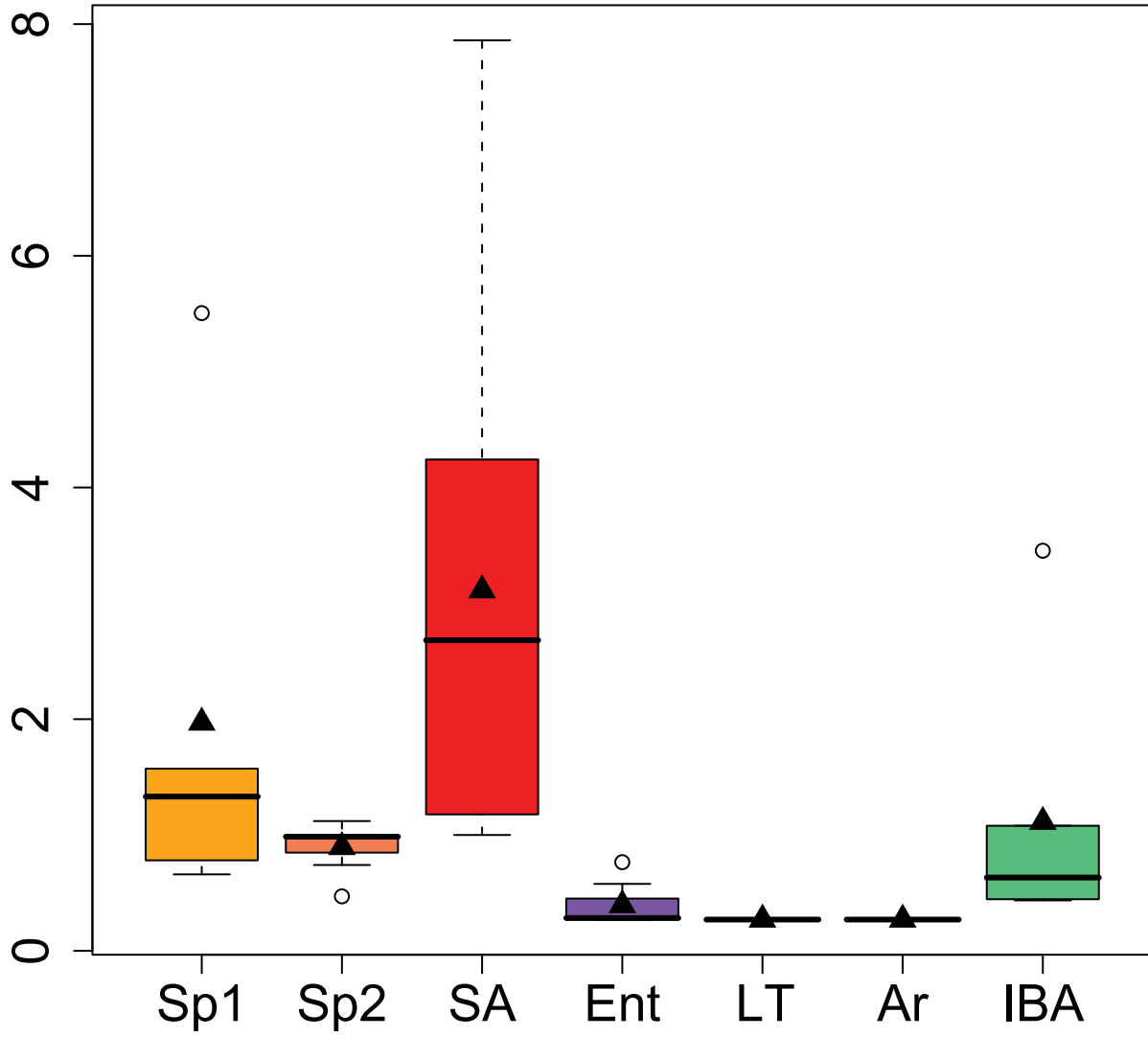




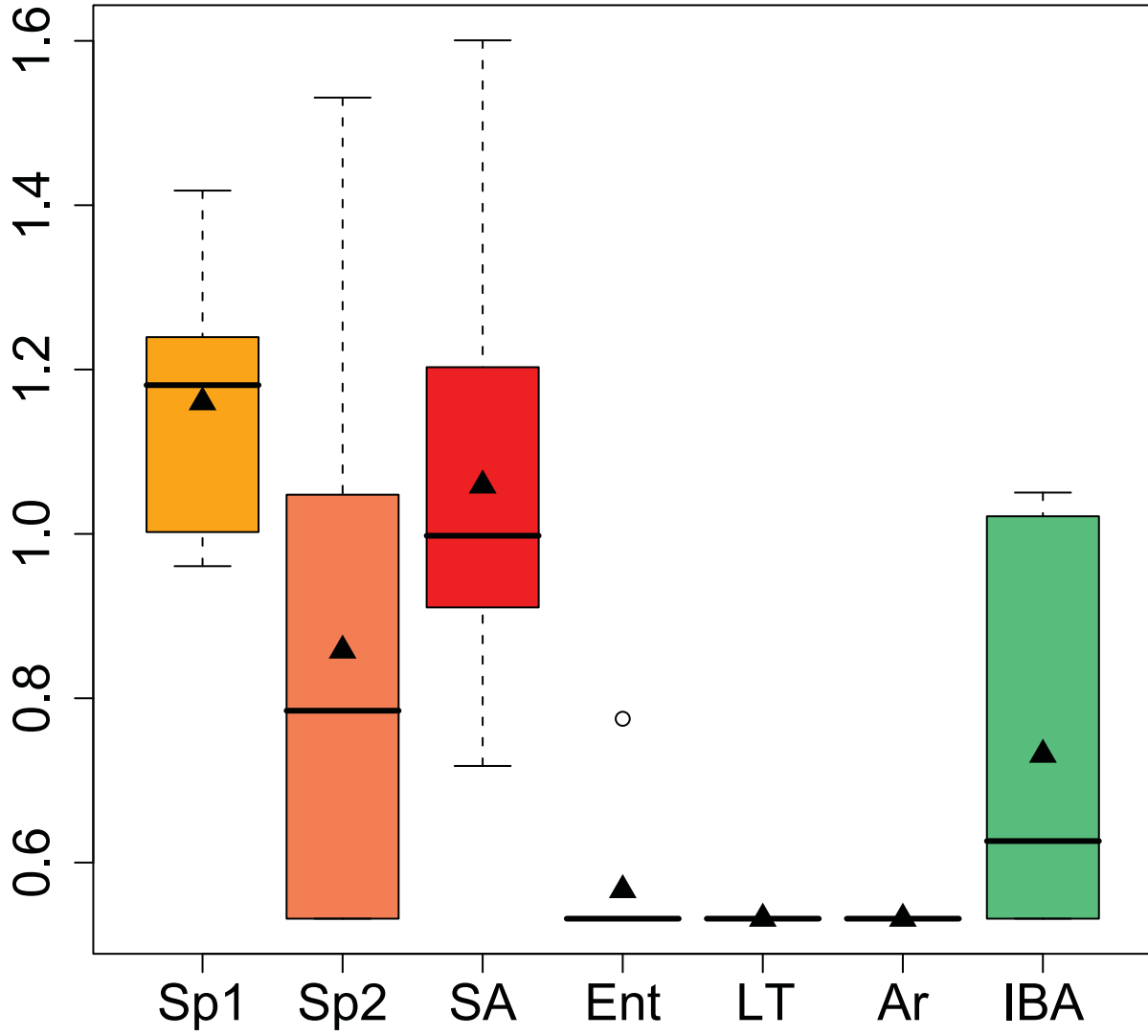
# carnitine



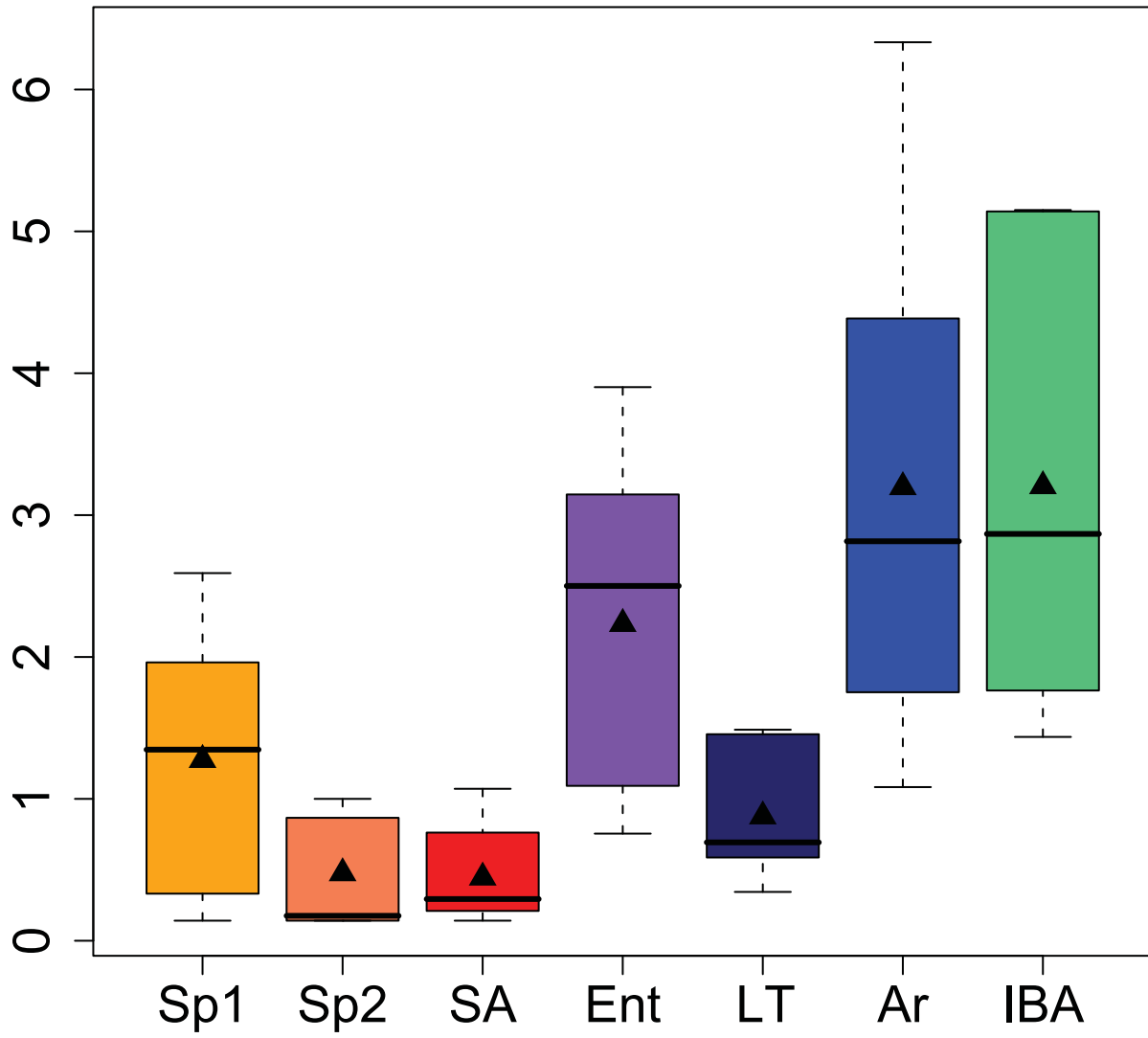
# isobutyrylcarnitine



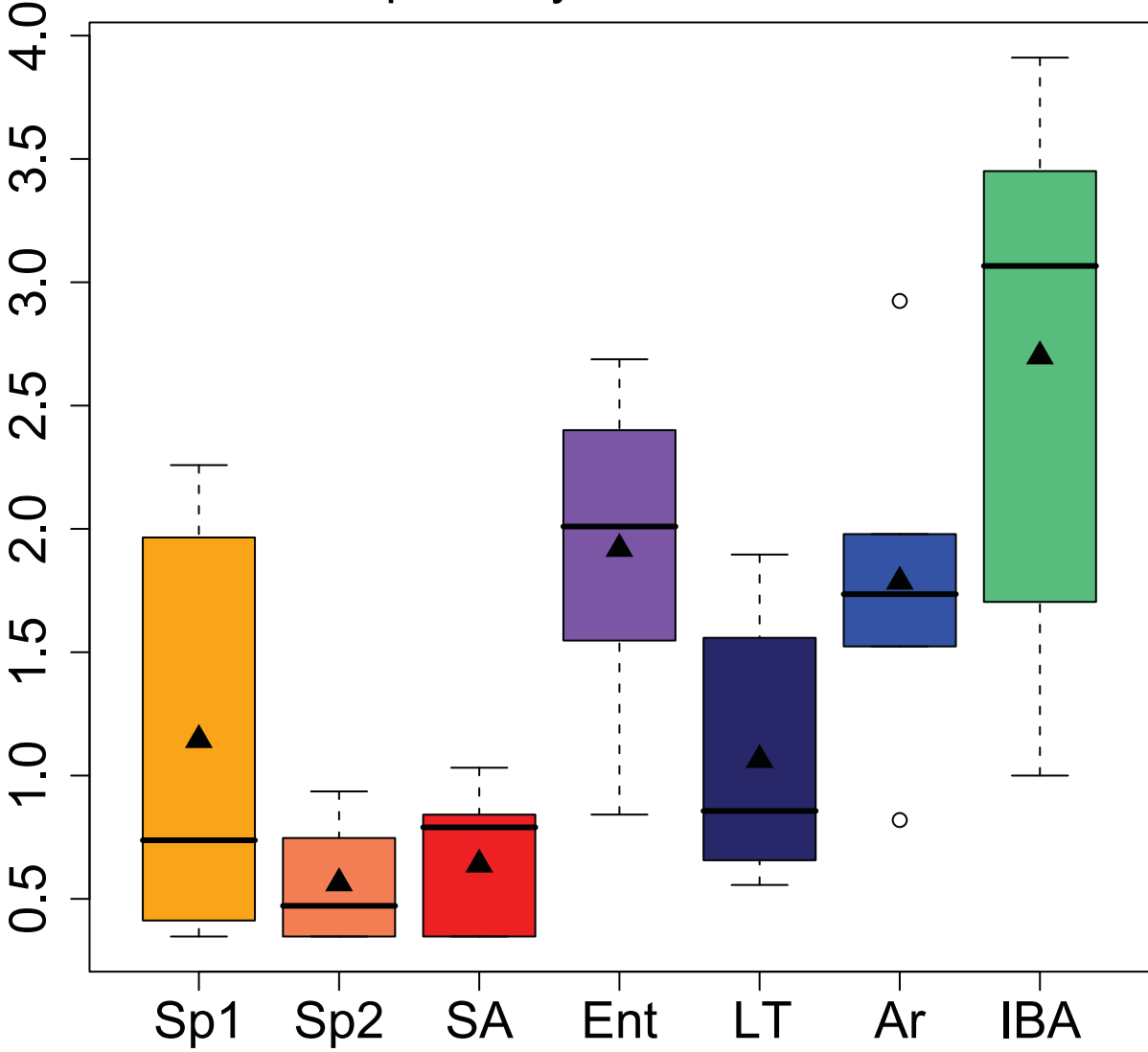
# isovalerylcarnitine



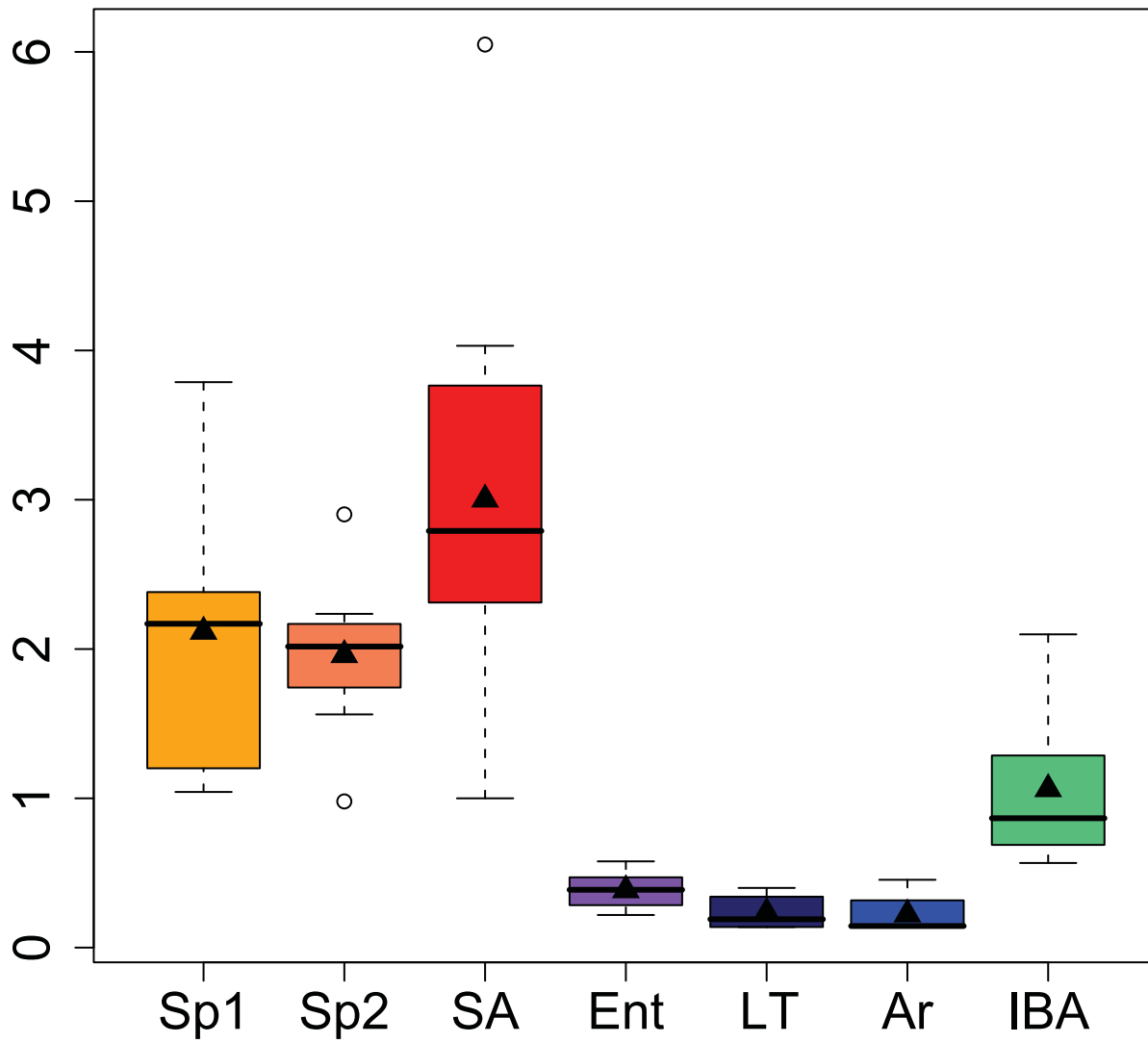
# oleoylcarnitine



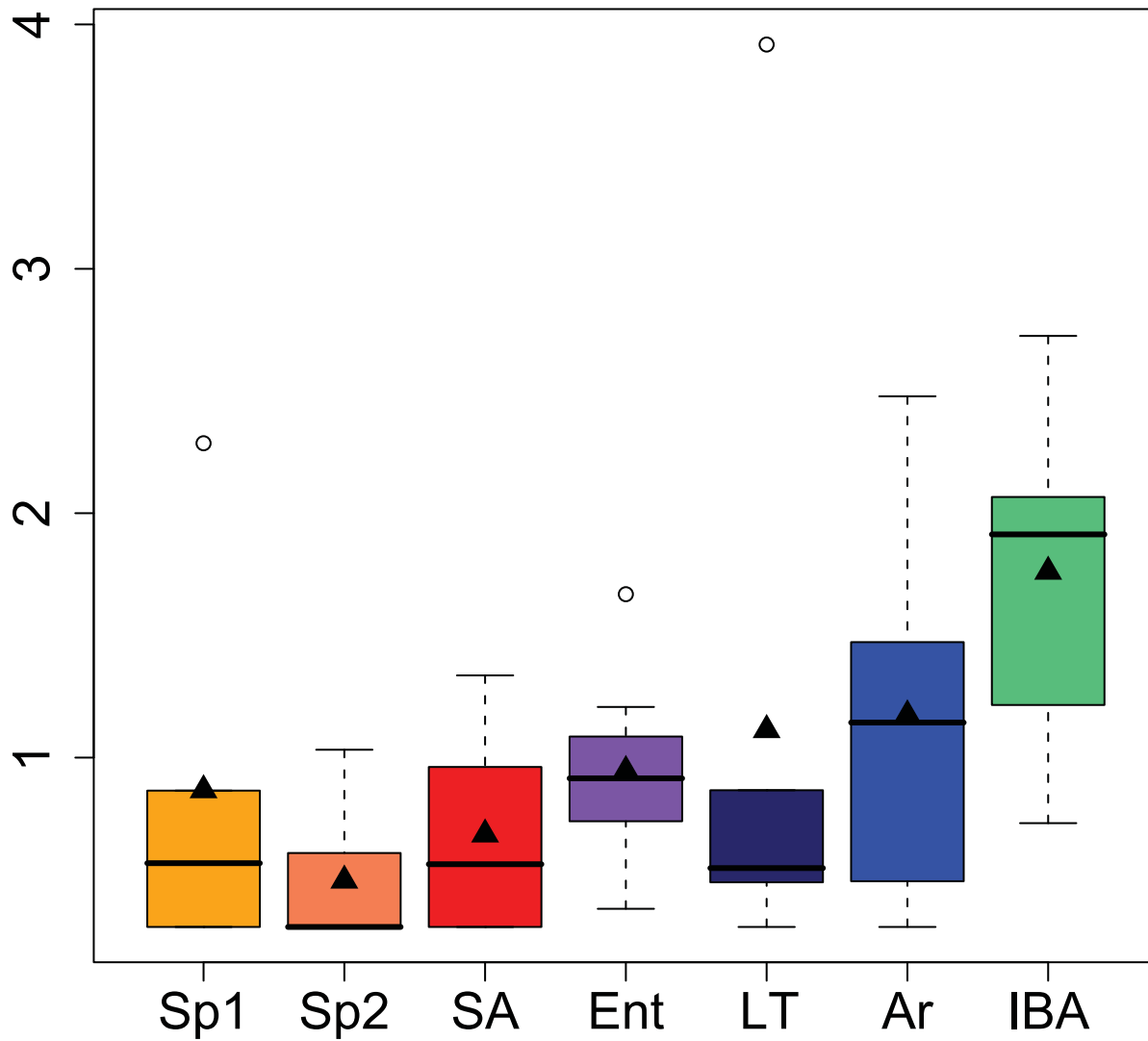
palmitoylcarnitine



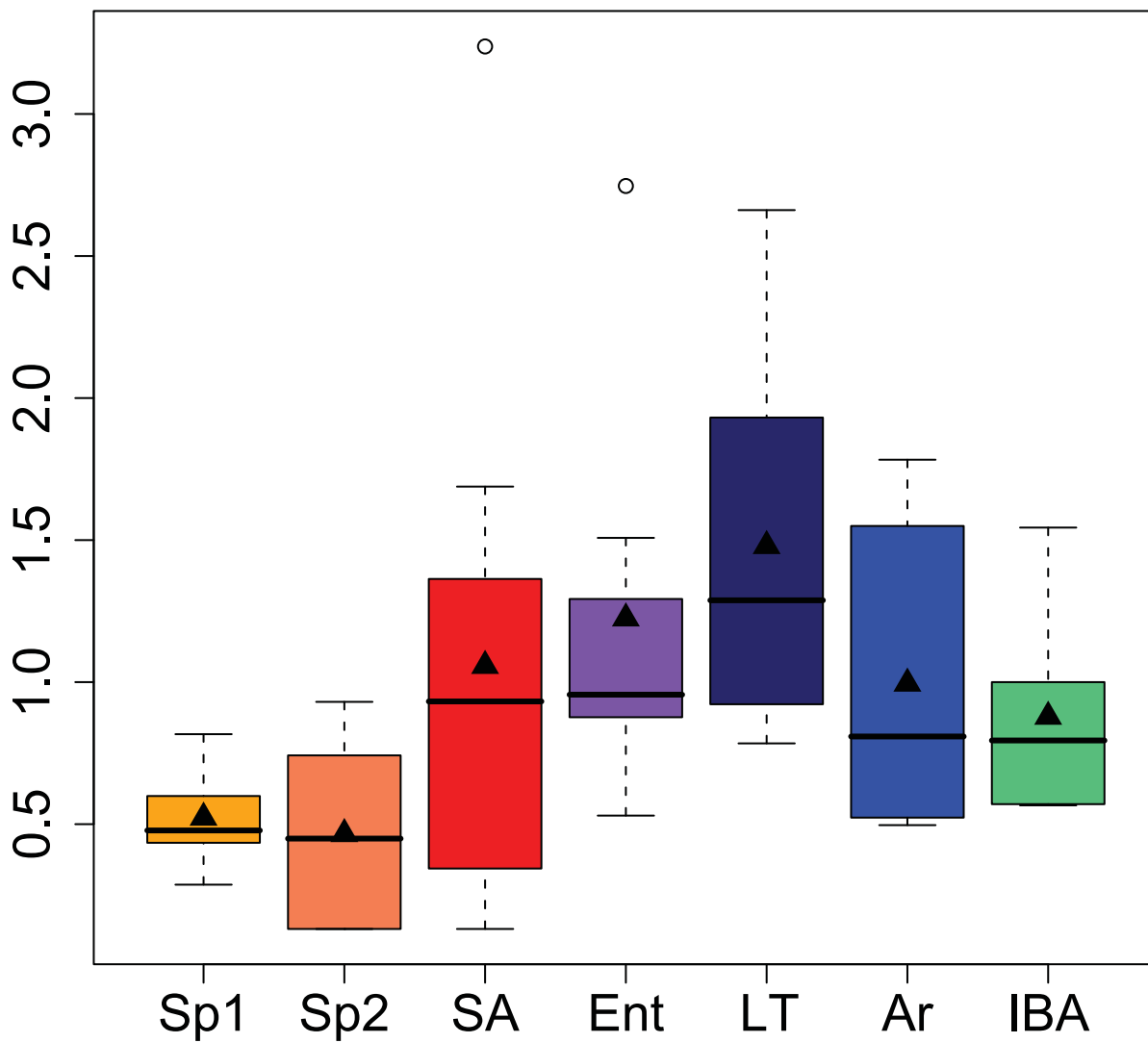
# propionylcarnitine



# stearoylcarnitine

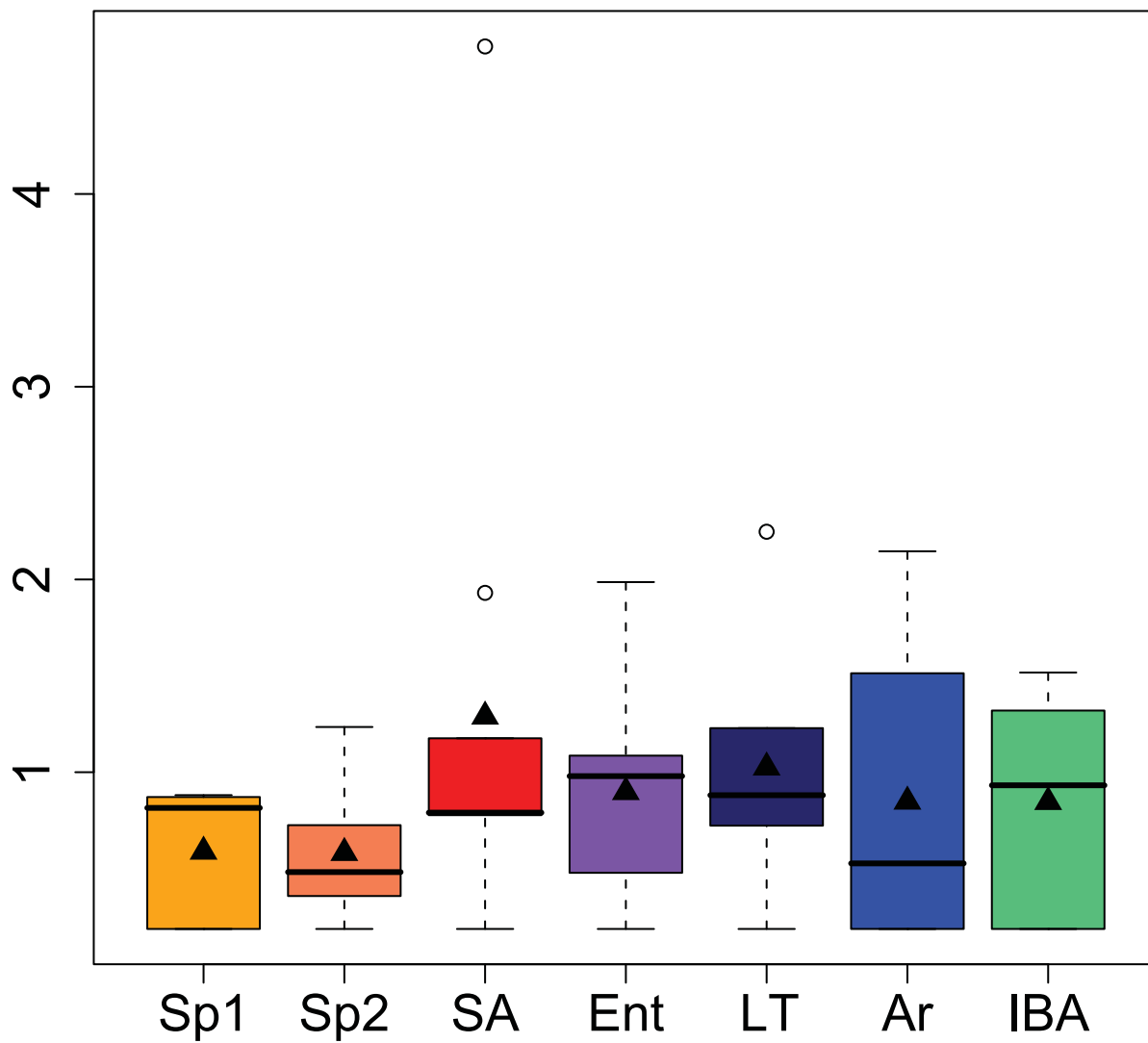


# linoleamide-18-2n6-

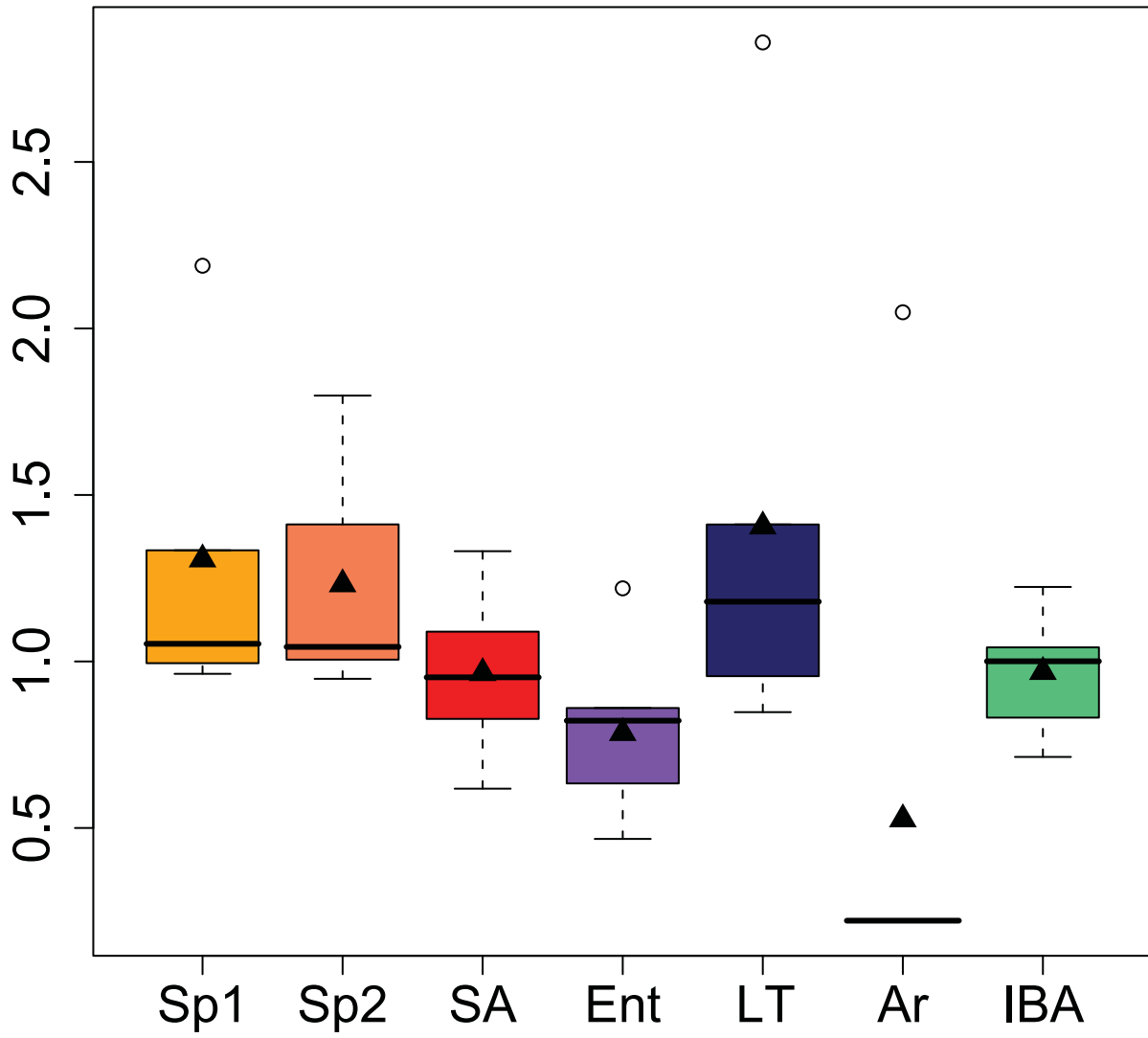




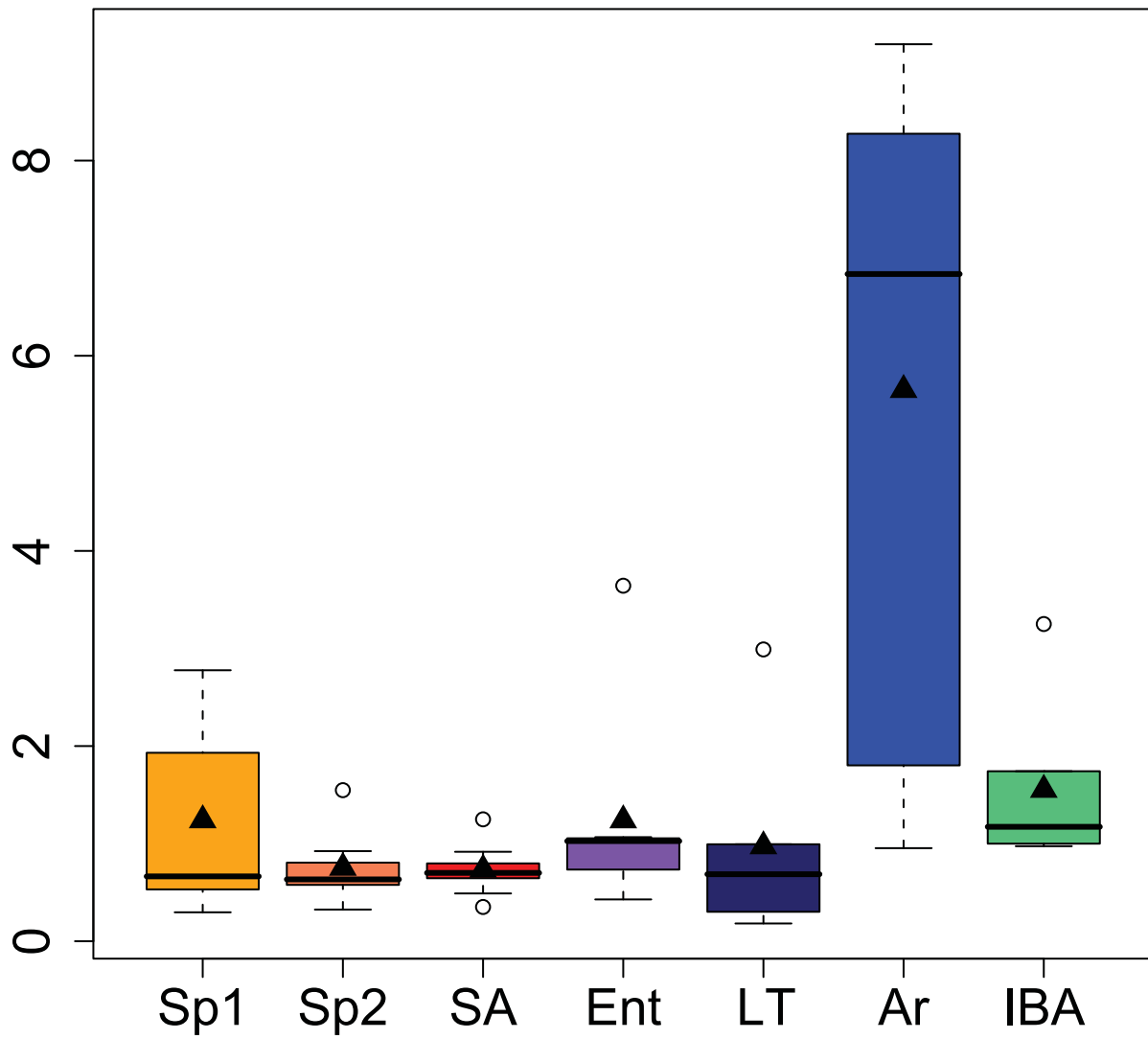
# oleamide



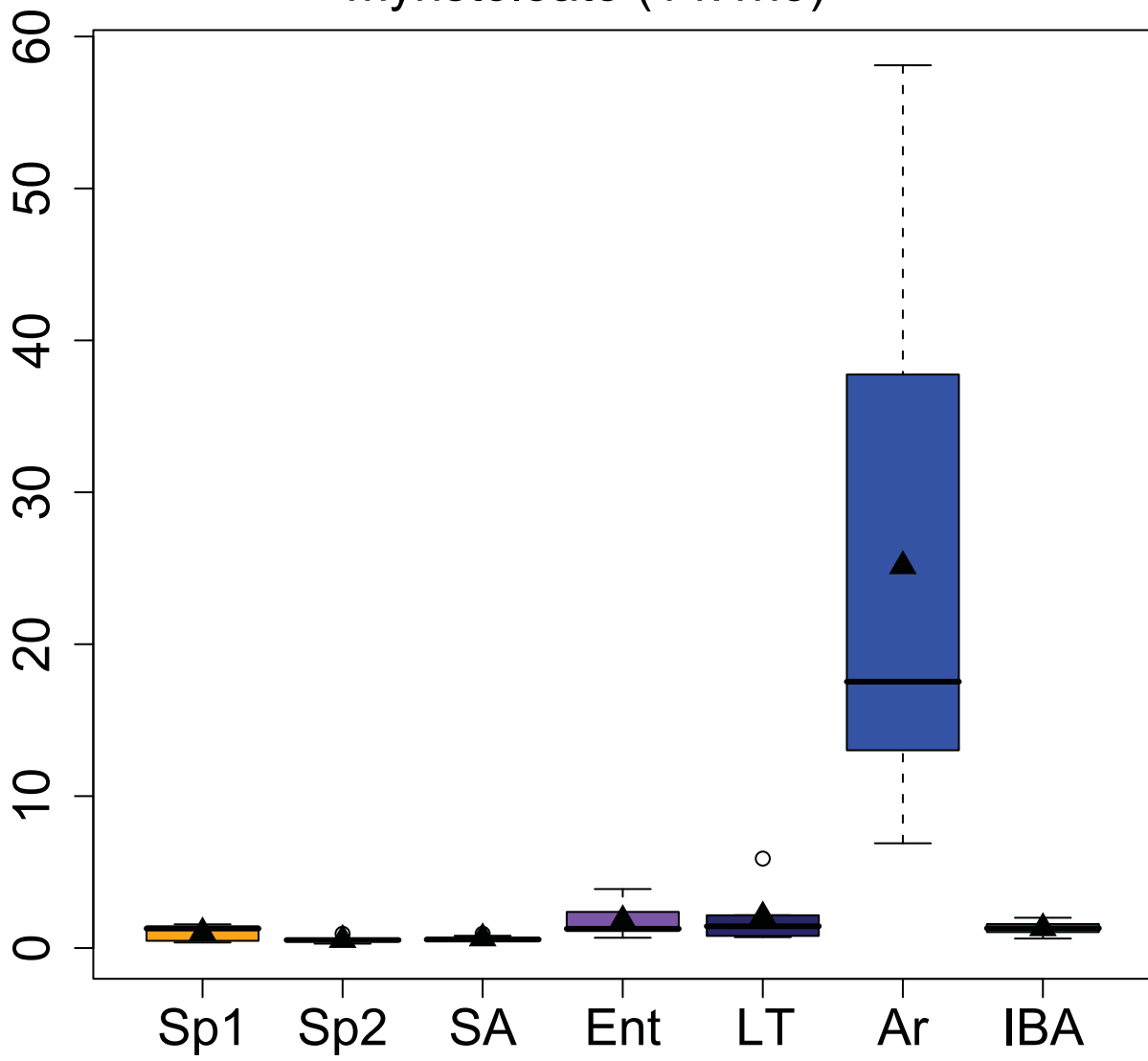
### 5-dodecenoate (12:1n7)



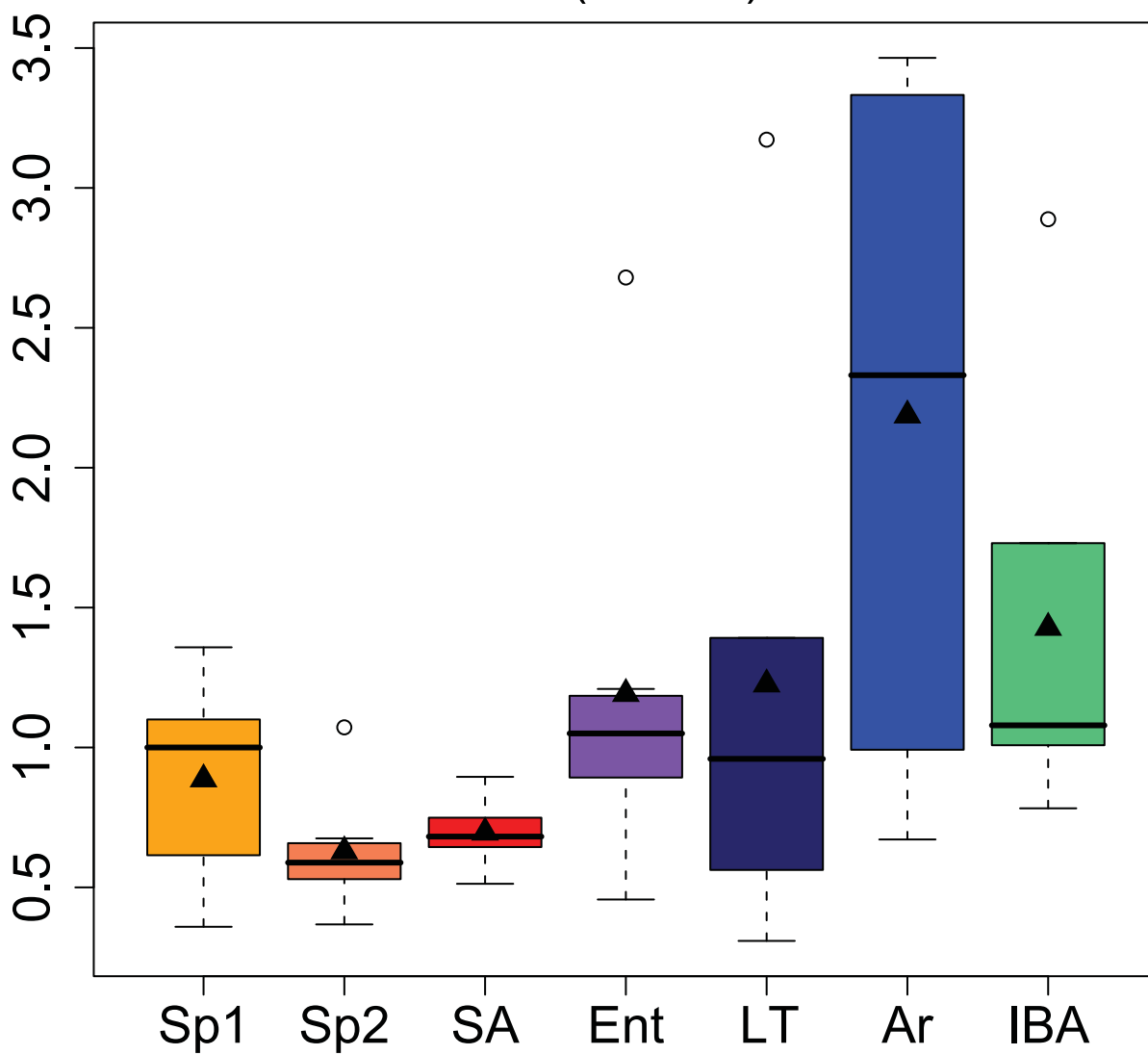
eicosenoate (20:1n9 or 11)



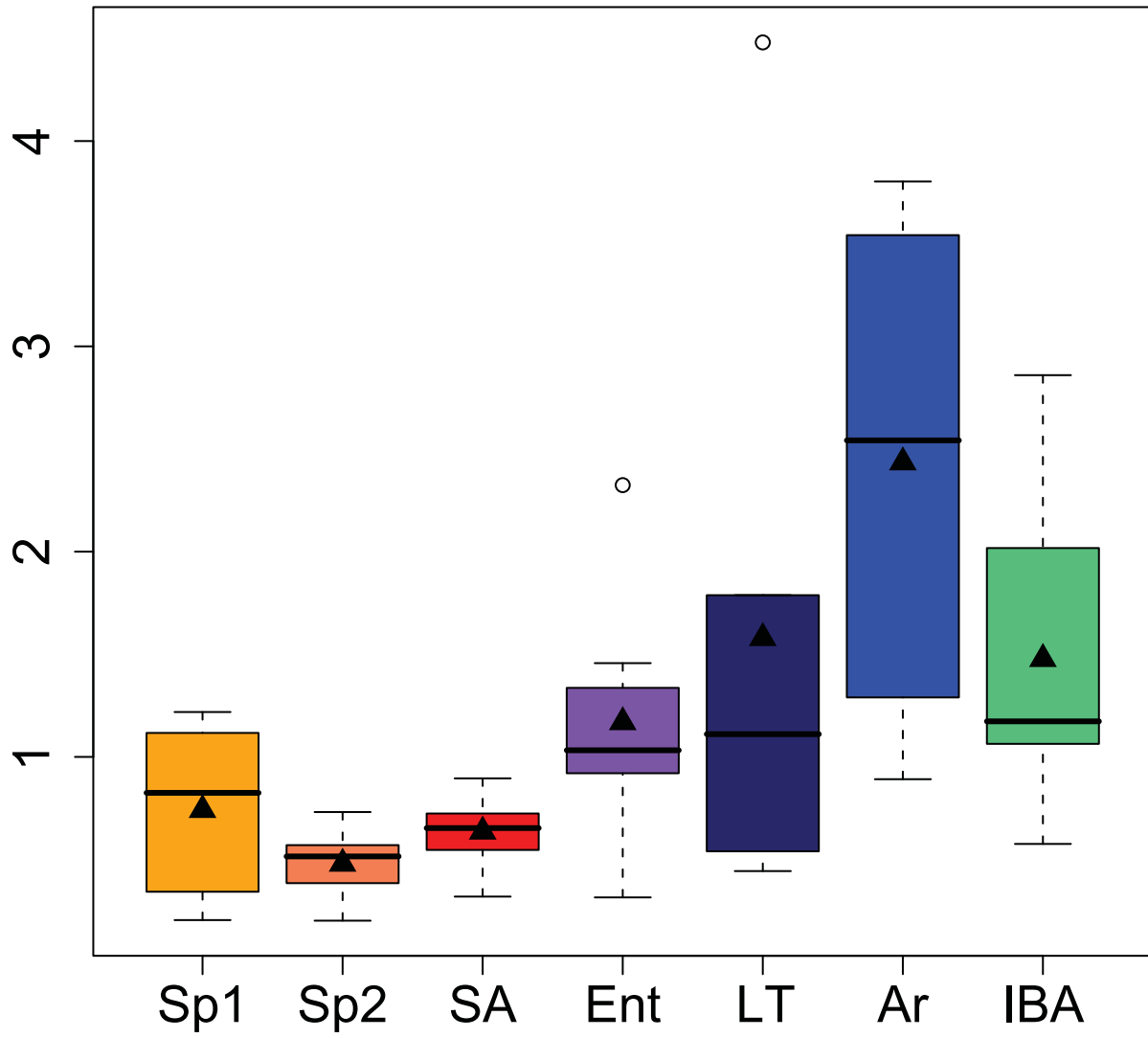
myristoleate (14:1n5)



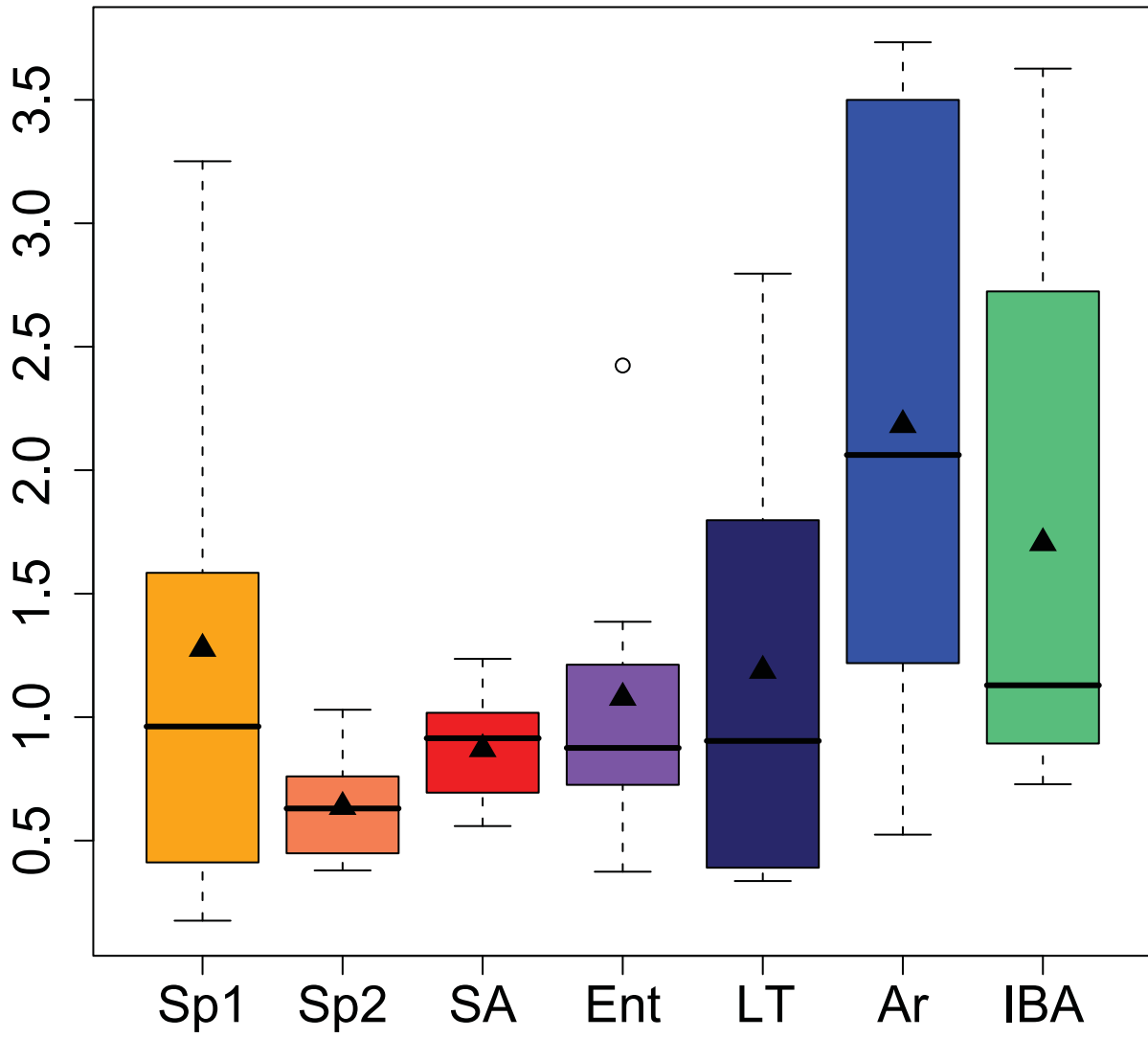
oleate (18:1n9)



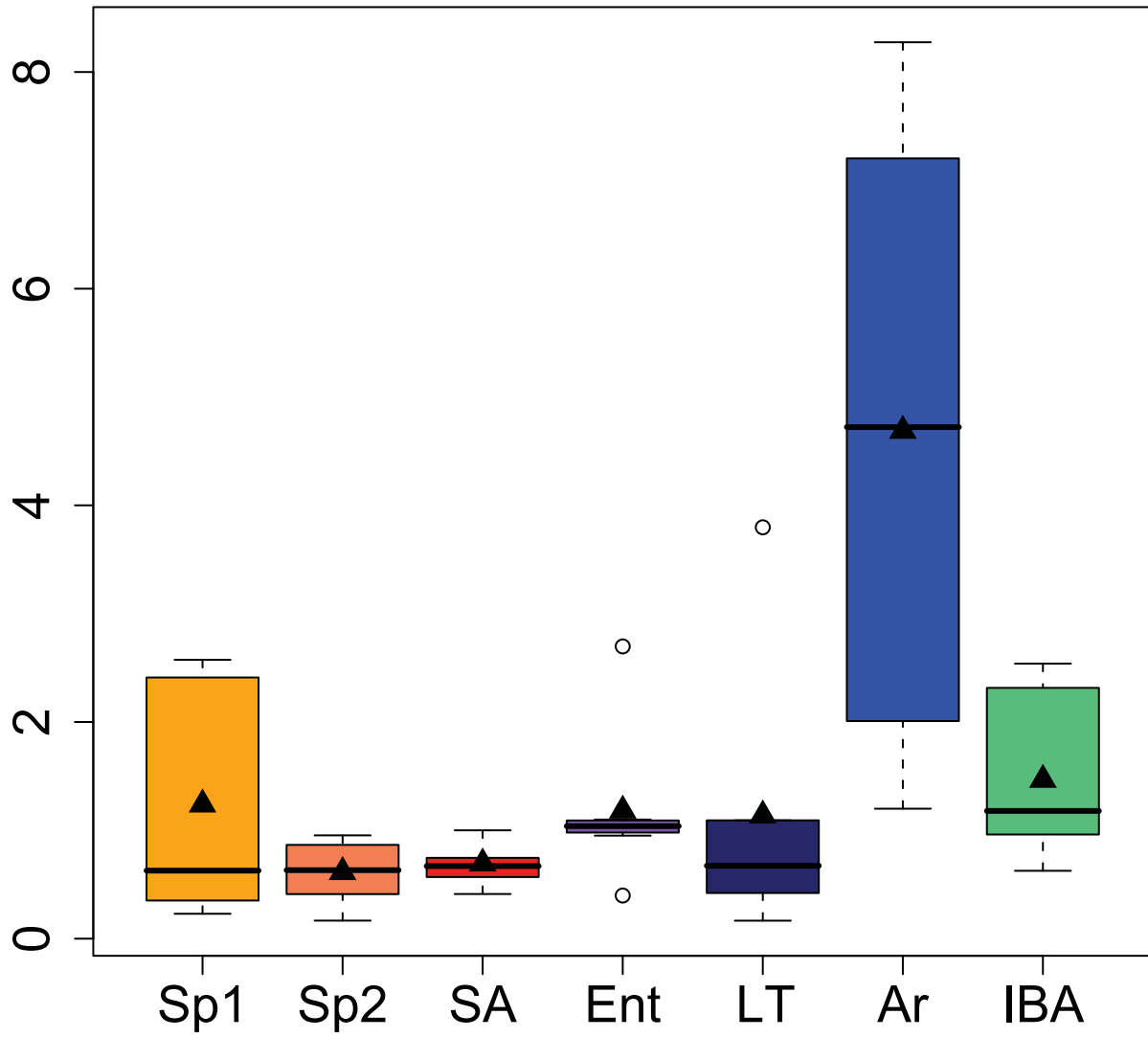
palmitoleate (16:1n7)



# 10-heptaadecenoate (17:1n7)

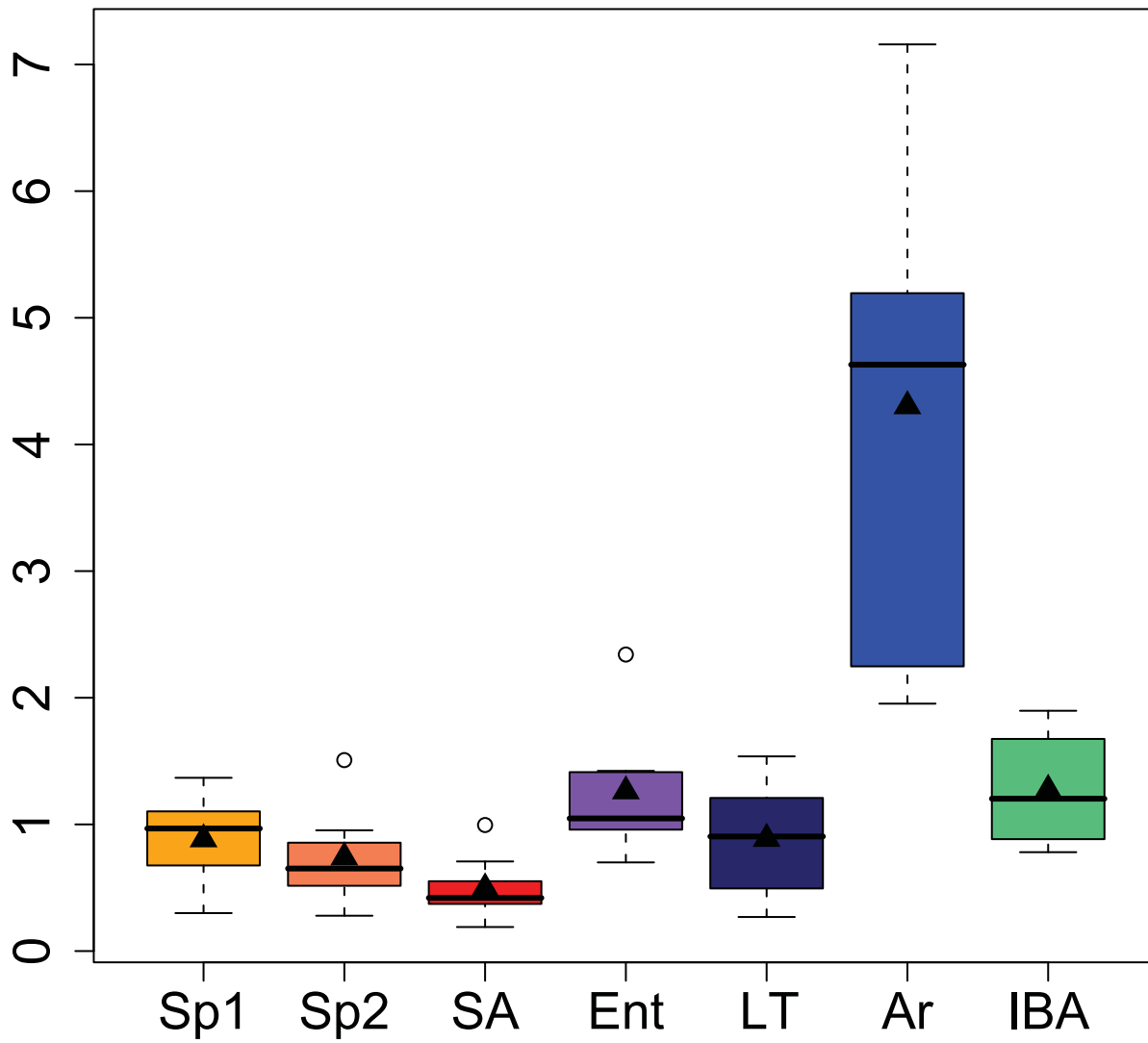


# 10-nonadecenoate (19:1n9)

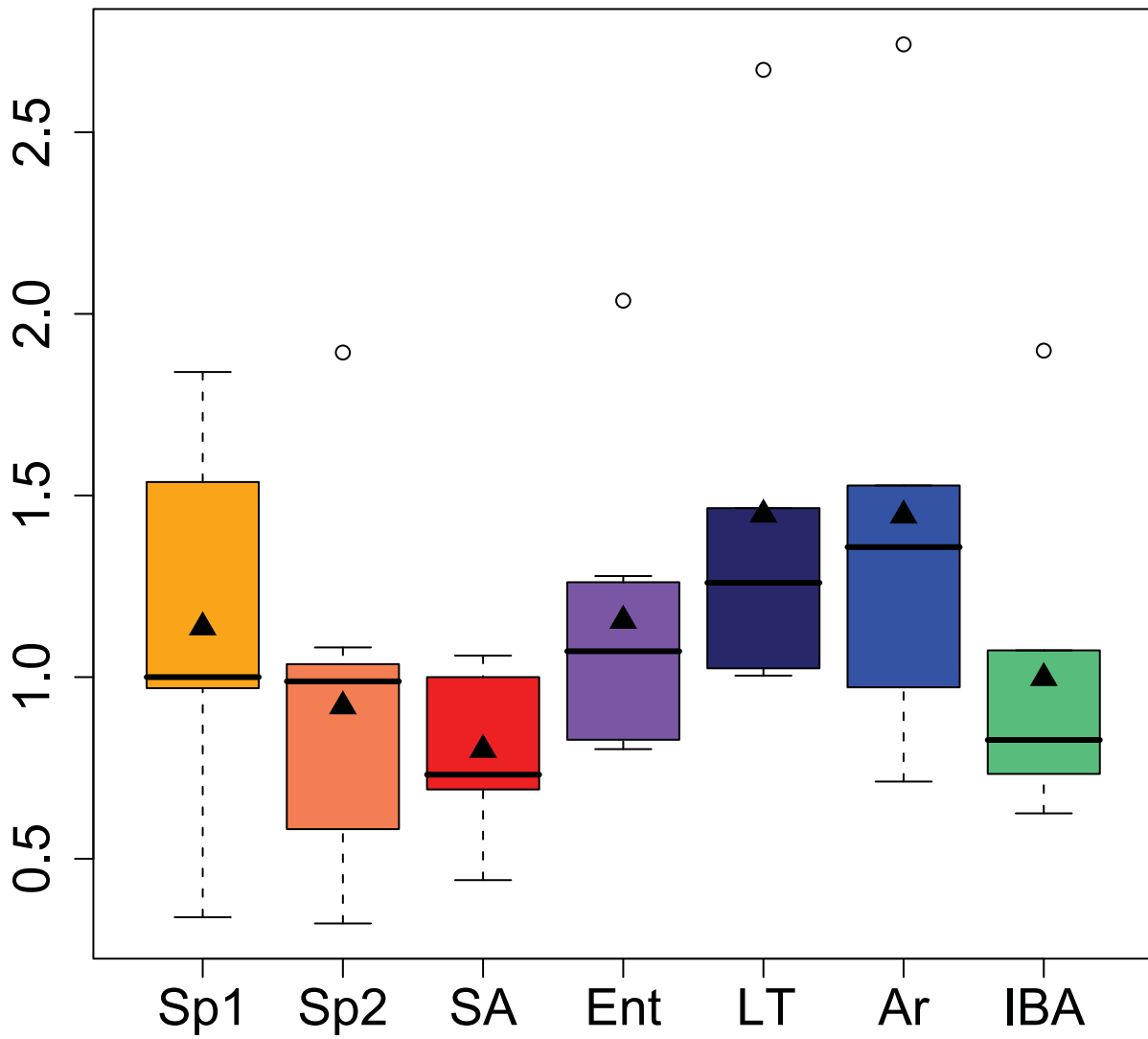




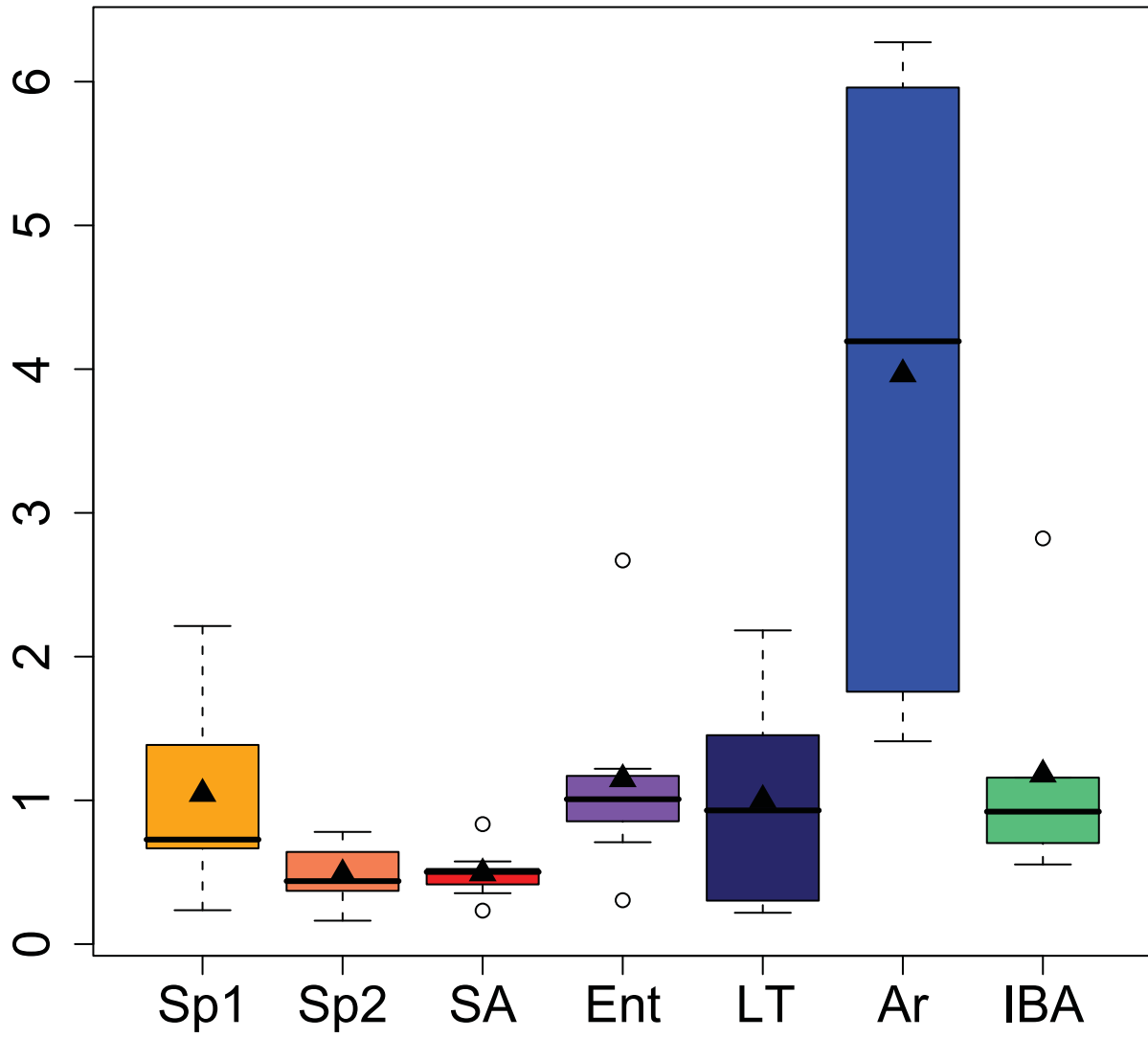
adrenate (22:4n6)



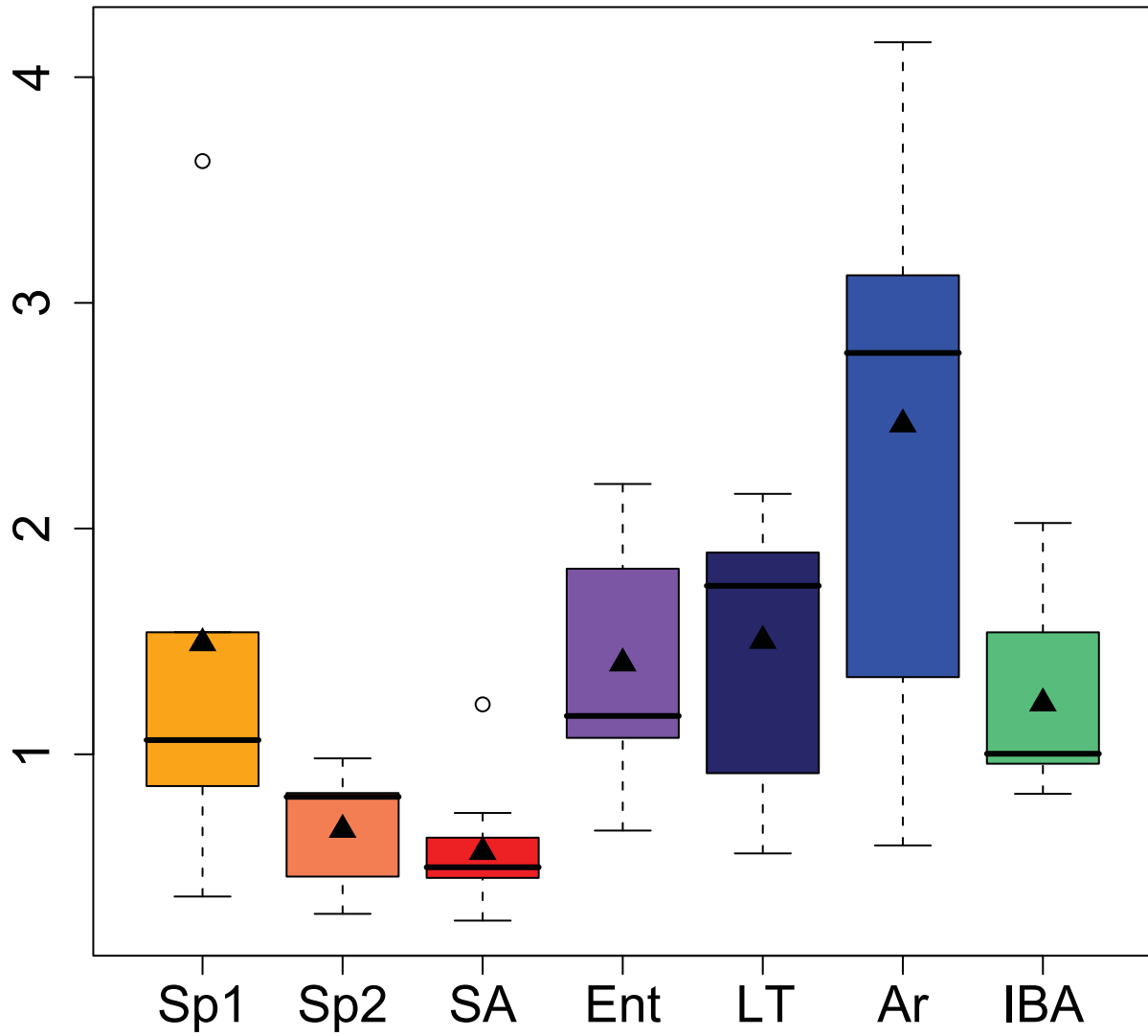
# arachidonate (20:4n6)



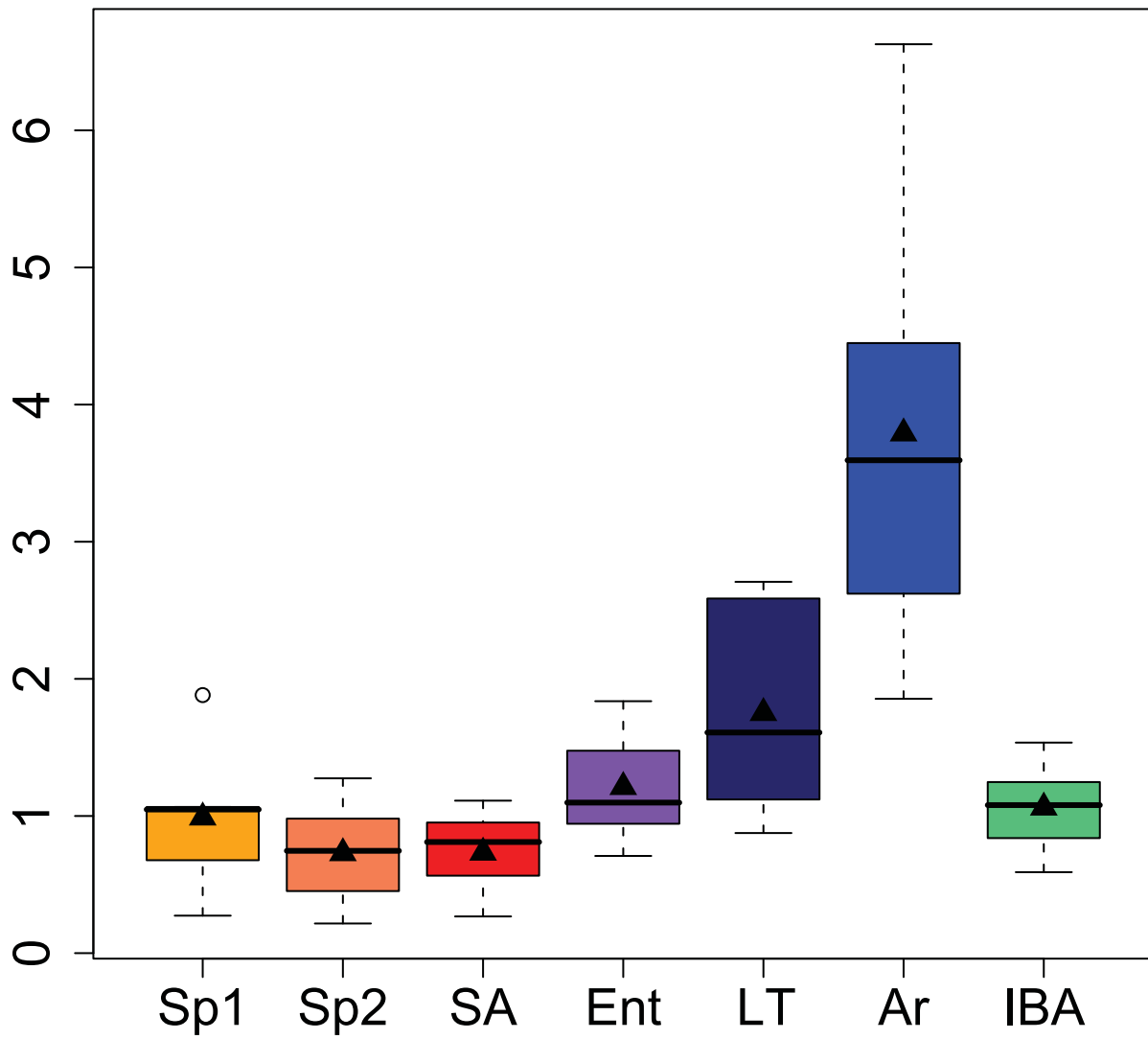
# dihomo-linoleate-20-2n6-



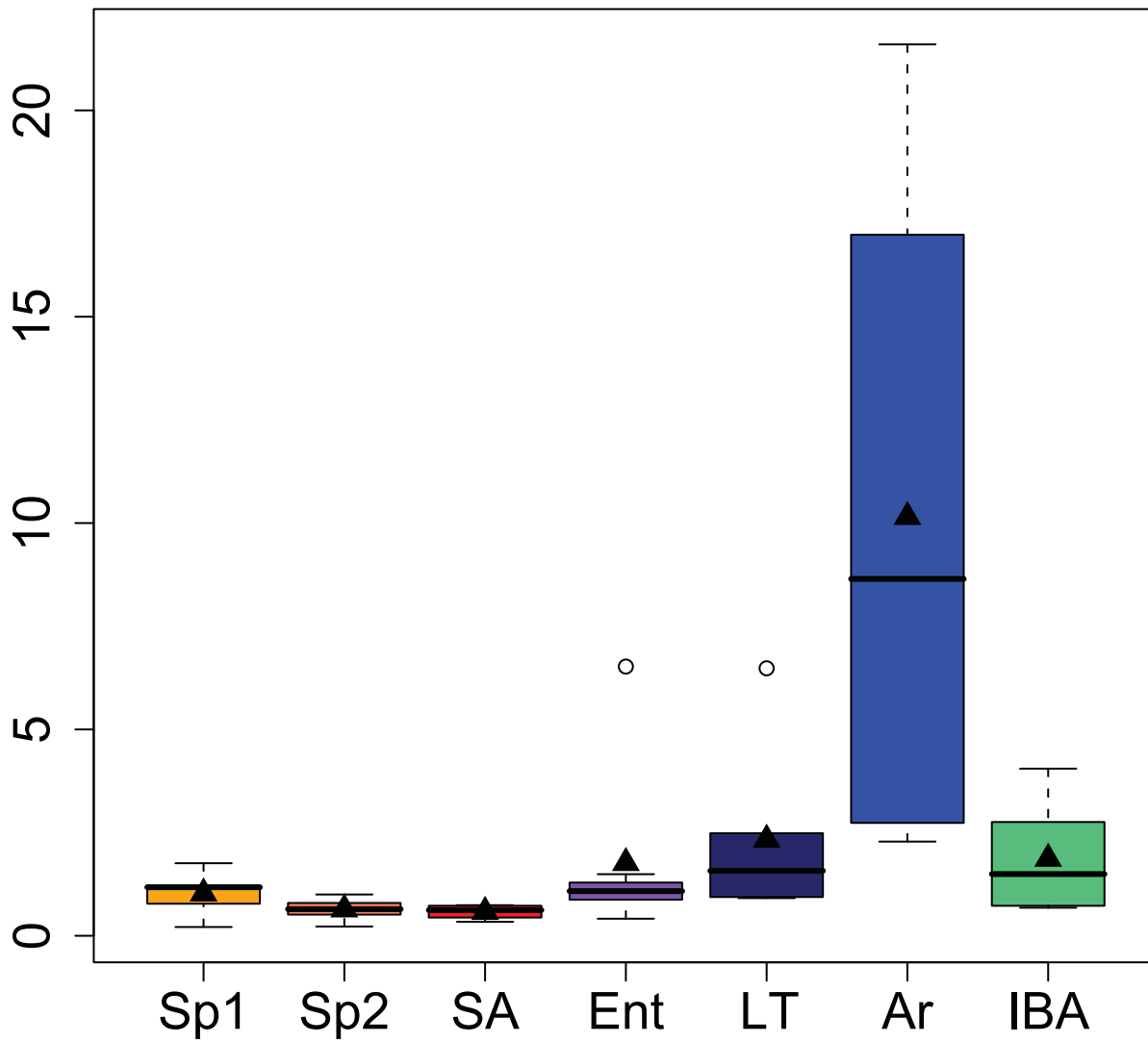
dihomo-linolenate-20-3n3-or-n6-



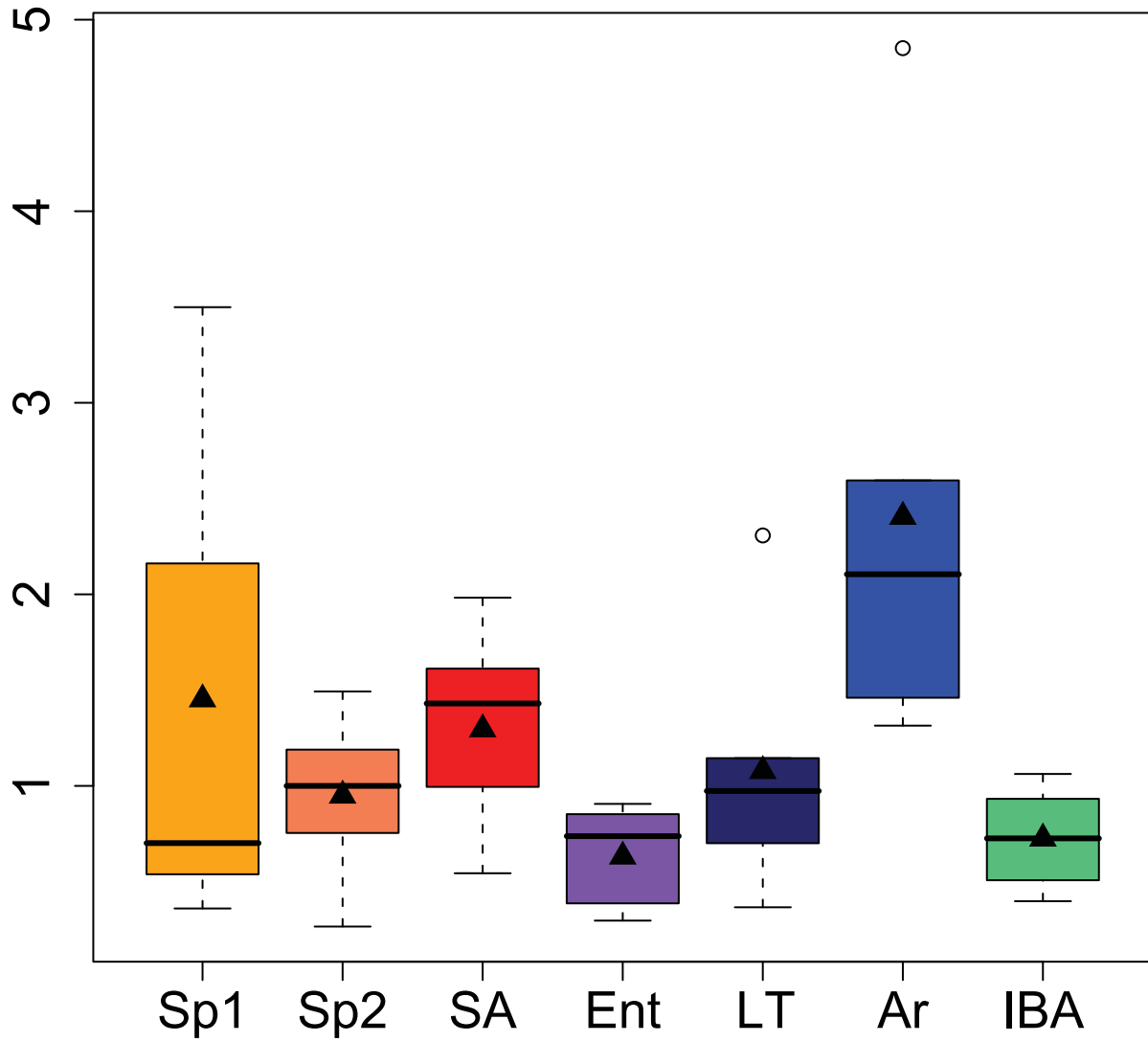
docosahexaenoate (DHA; 22:6n3)



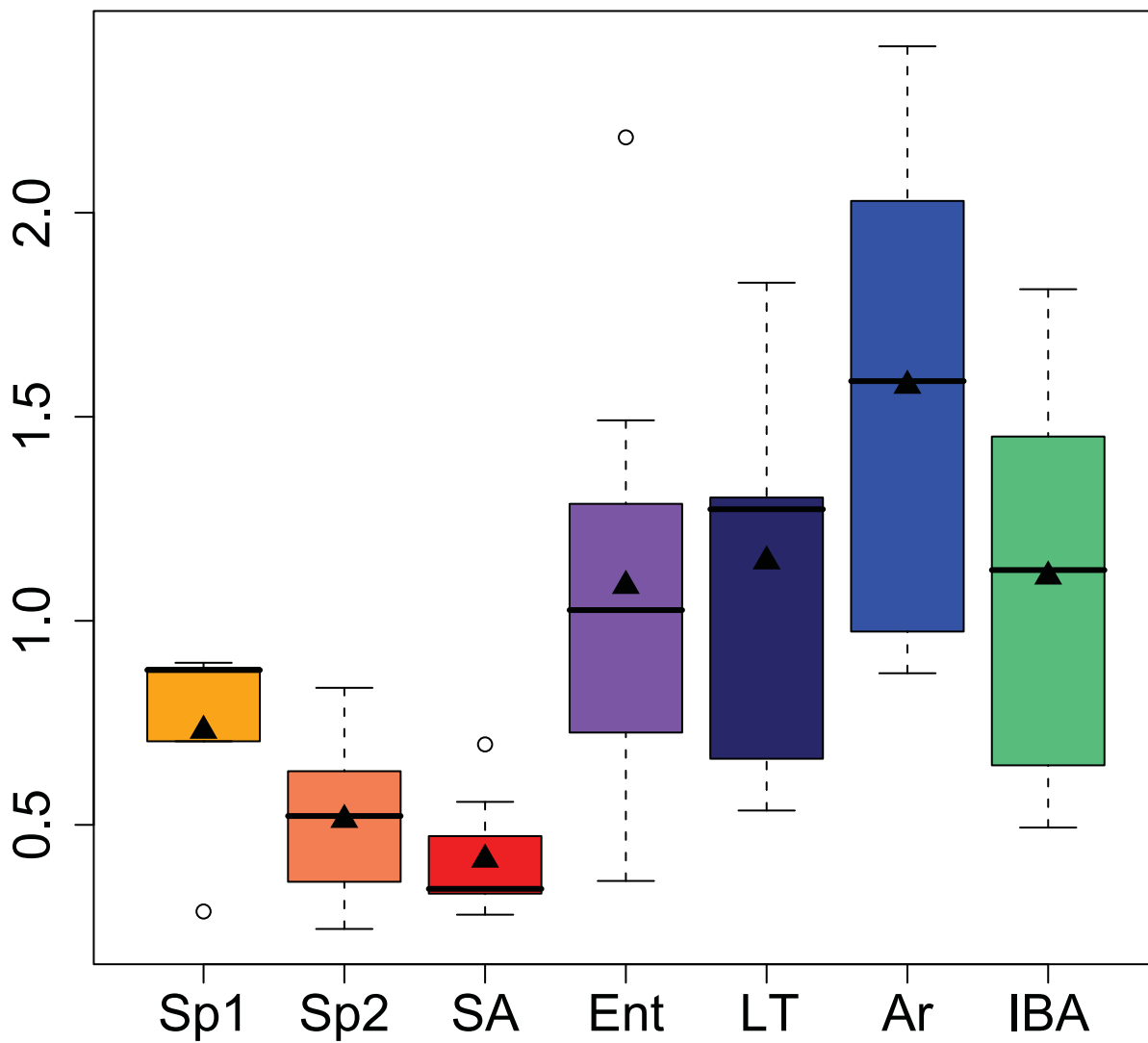
docosapentaenoate (n3-DPA; 22:5n3)



eicosapentaenoate (EPA; 20:5n3)

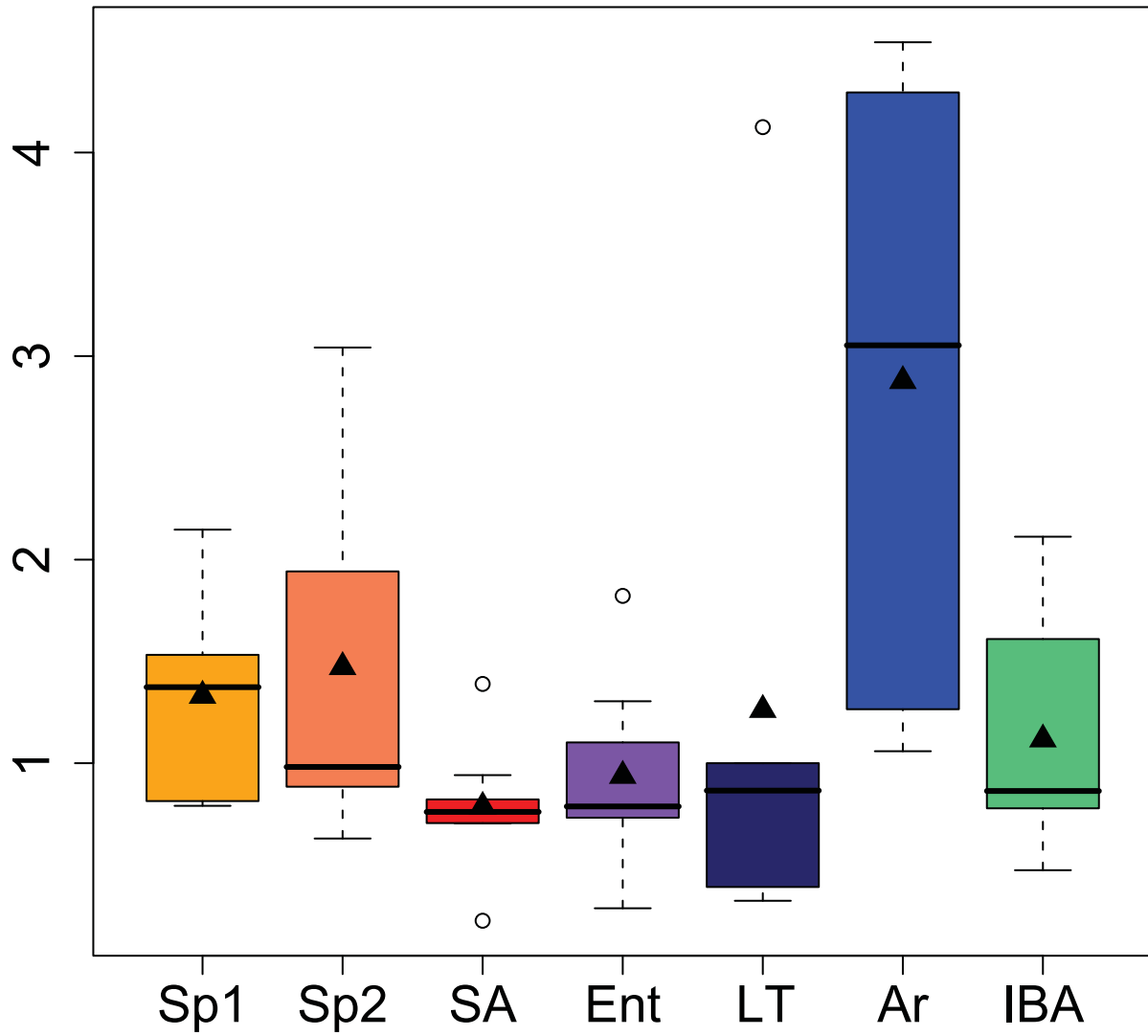


# linoleate (18:2n6)

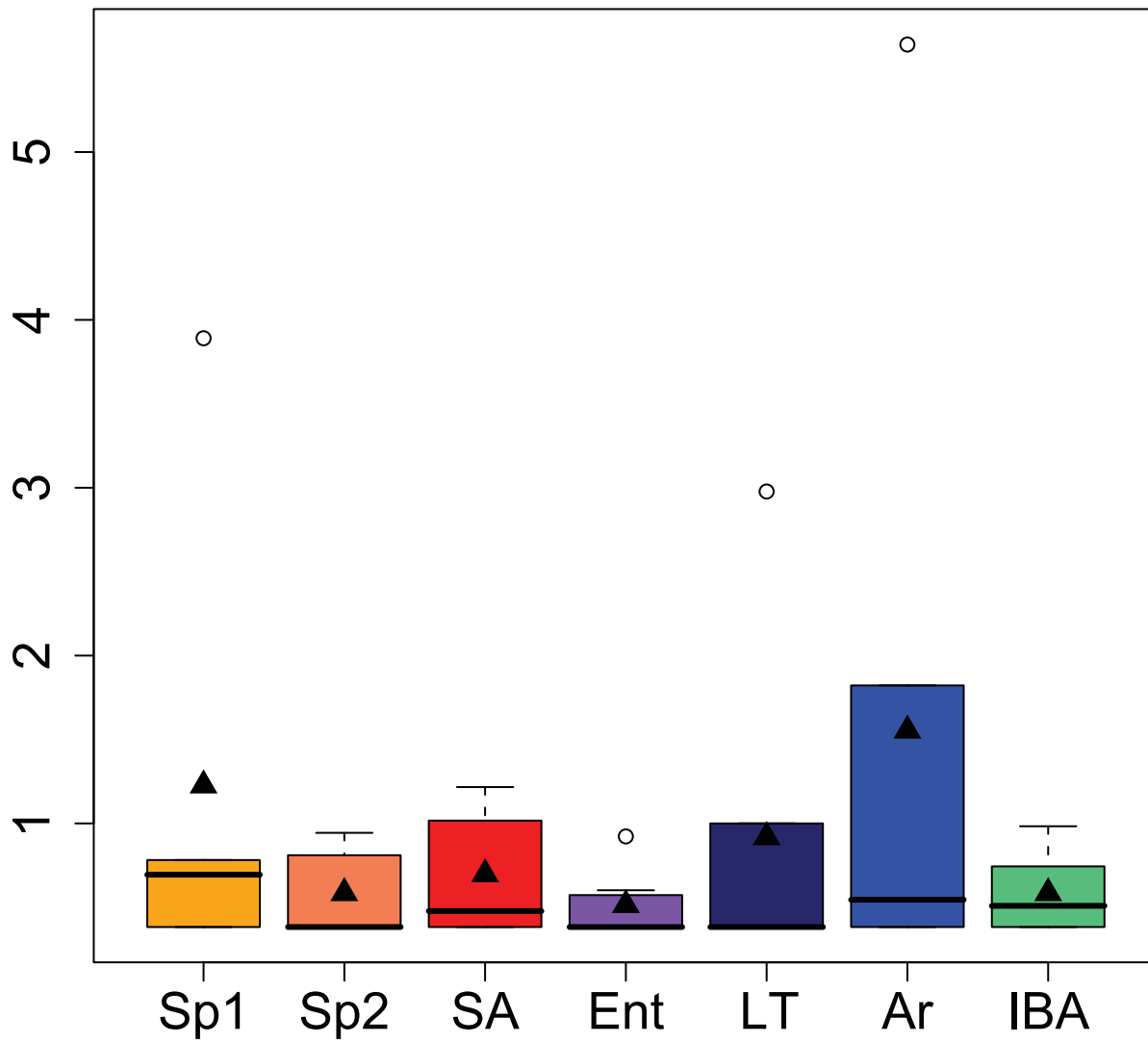




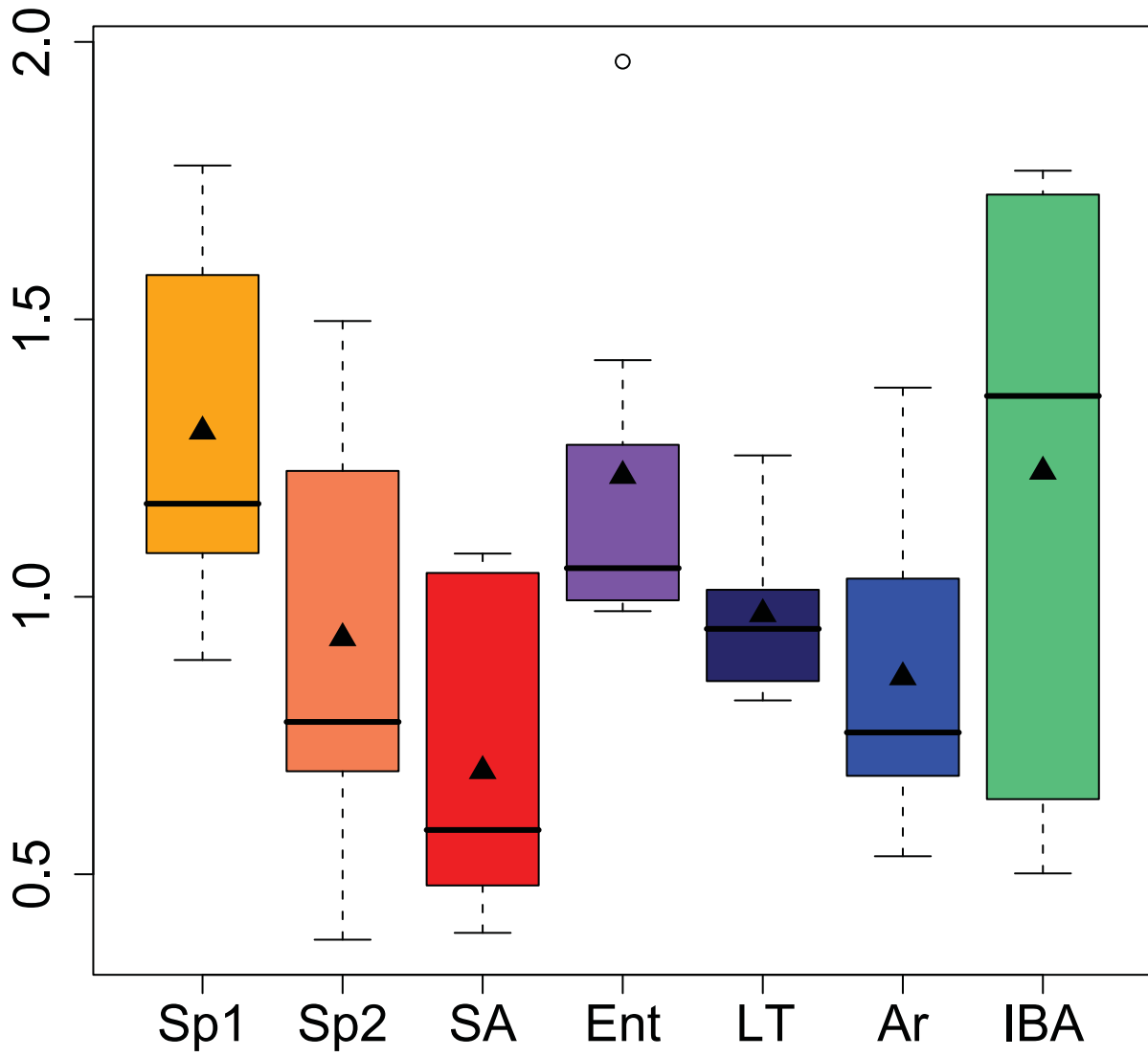
linolenate [alpha or gamma] (18:3n3 or 6)



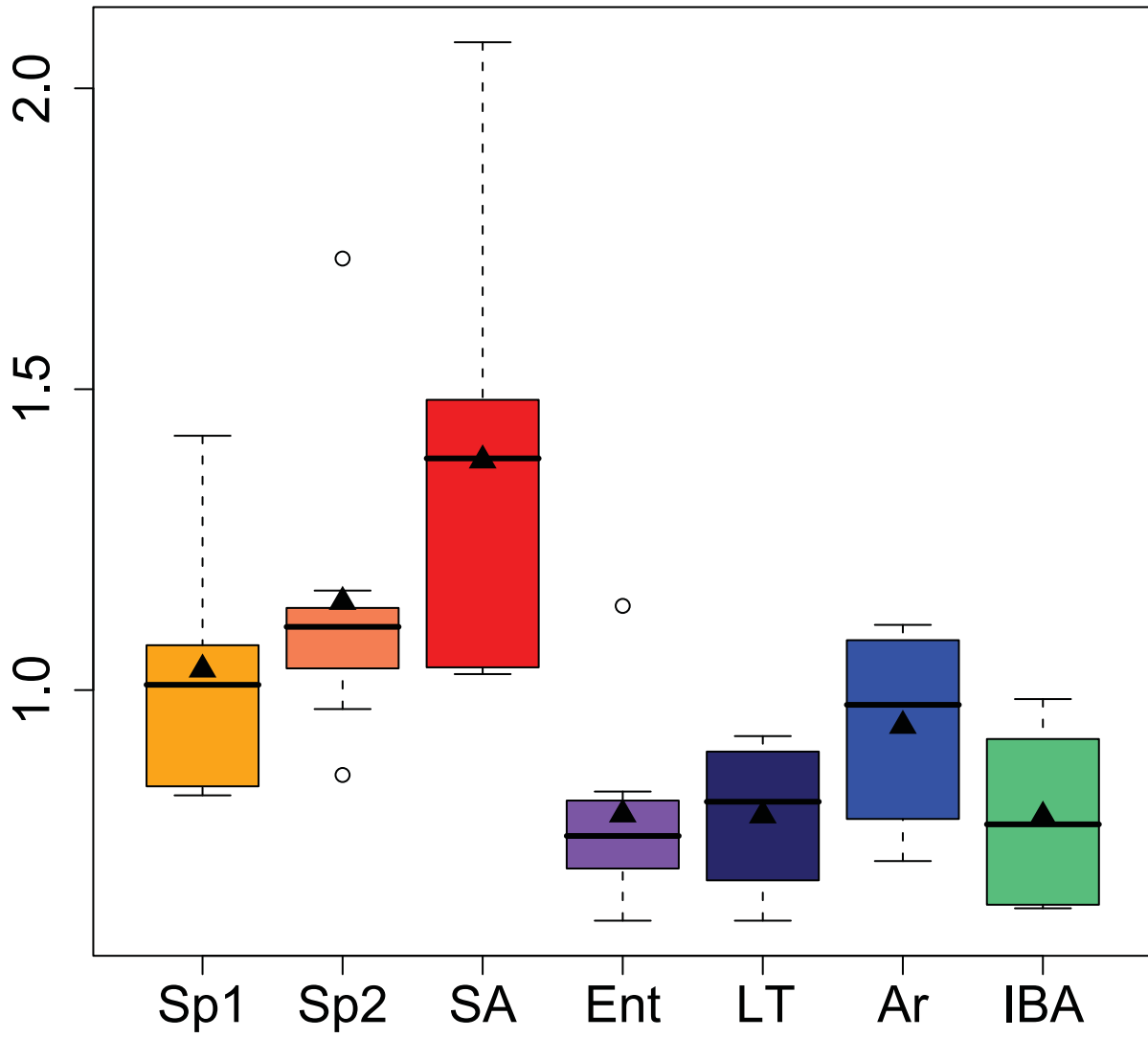
stearidonate (18:4n3)



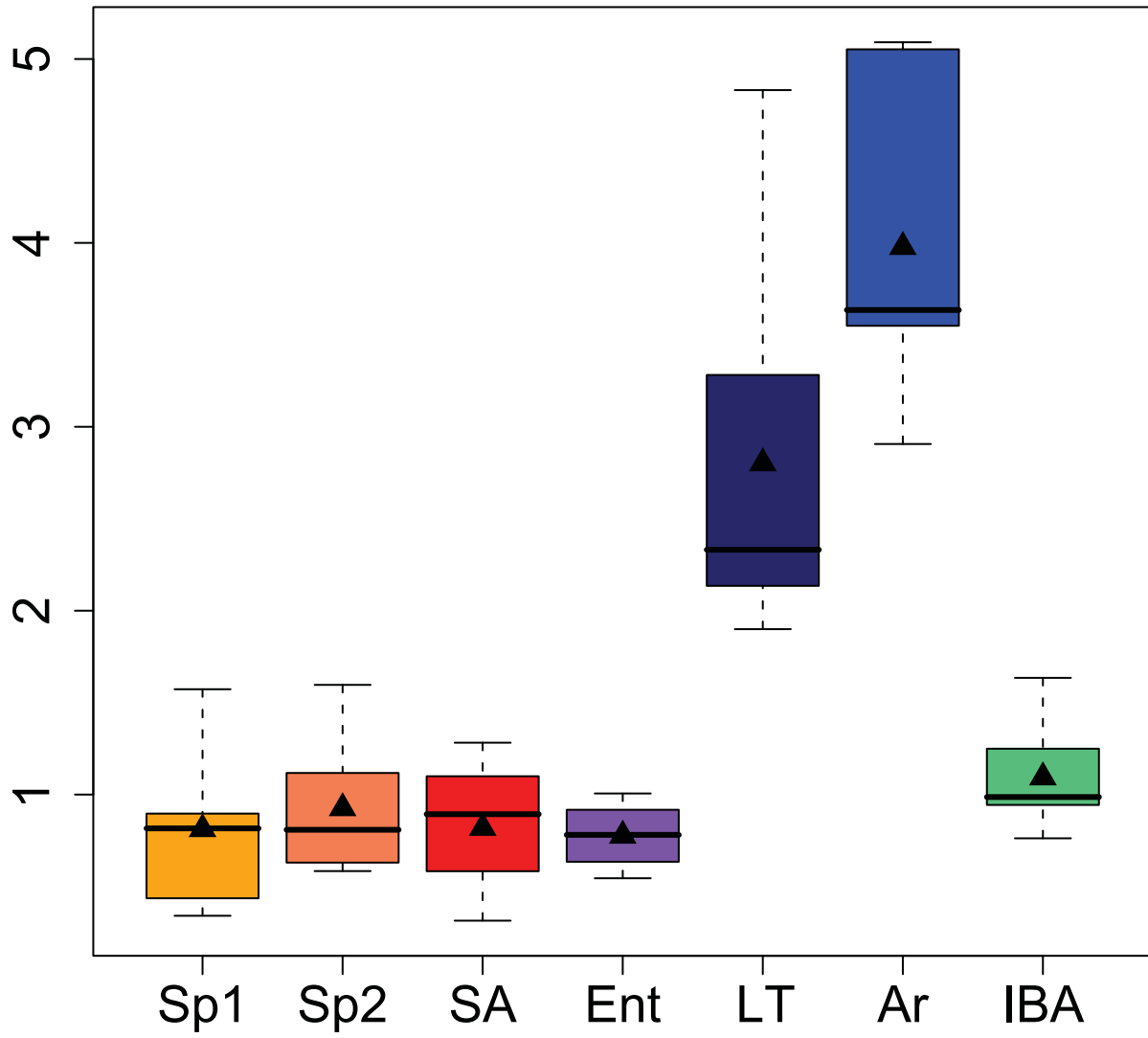
# isovalerate



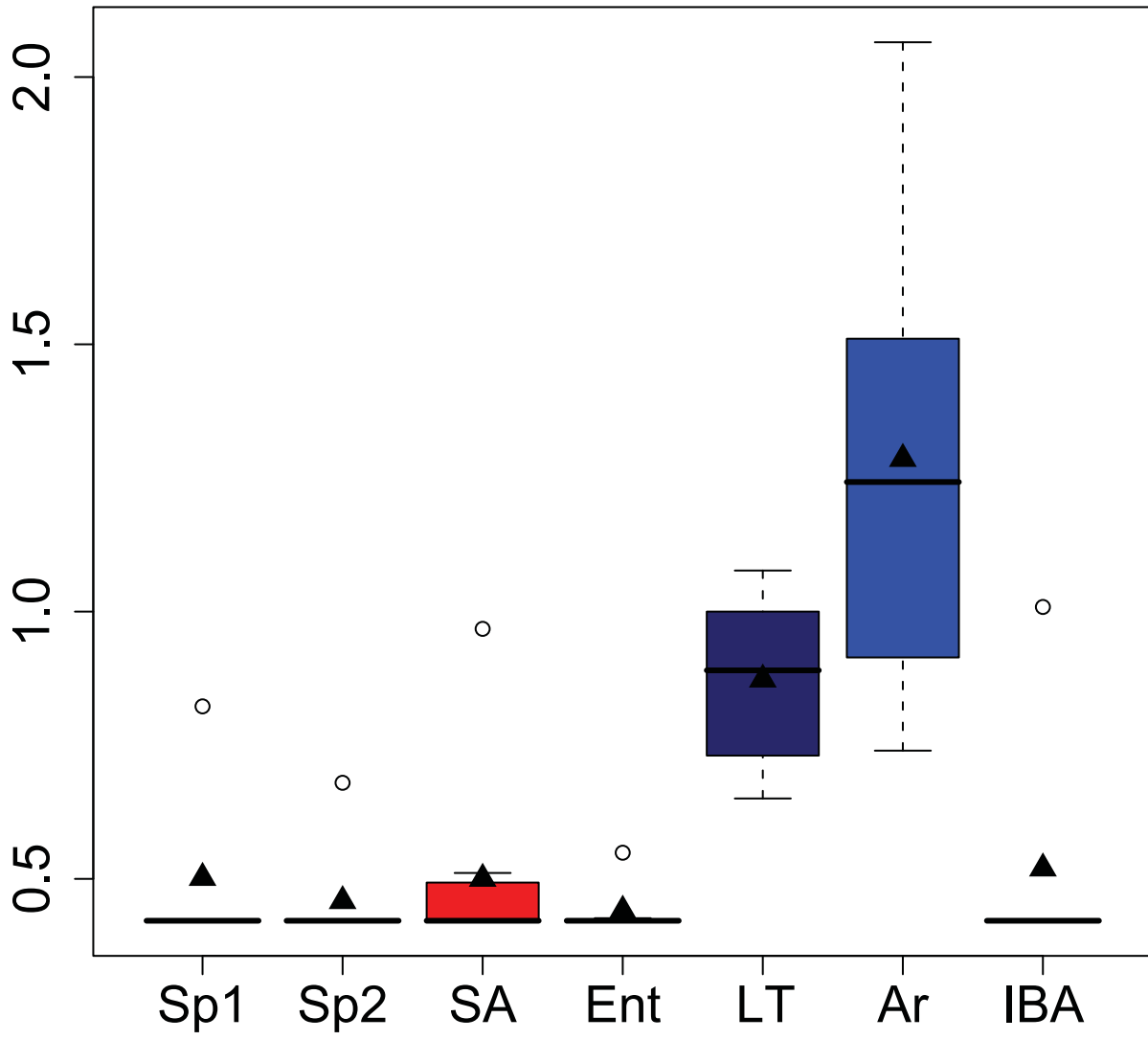
azelate (nonanedioate)



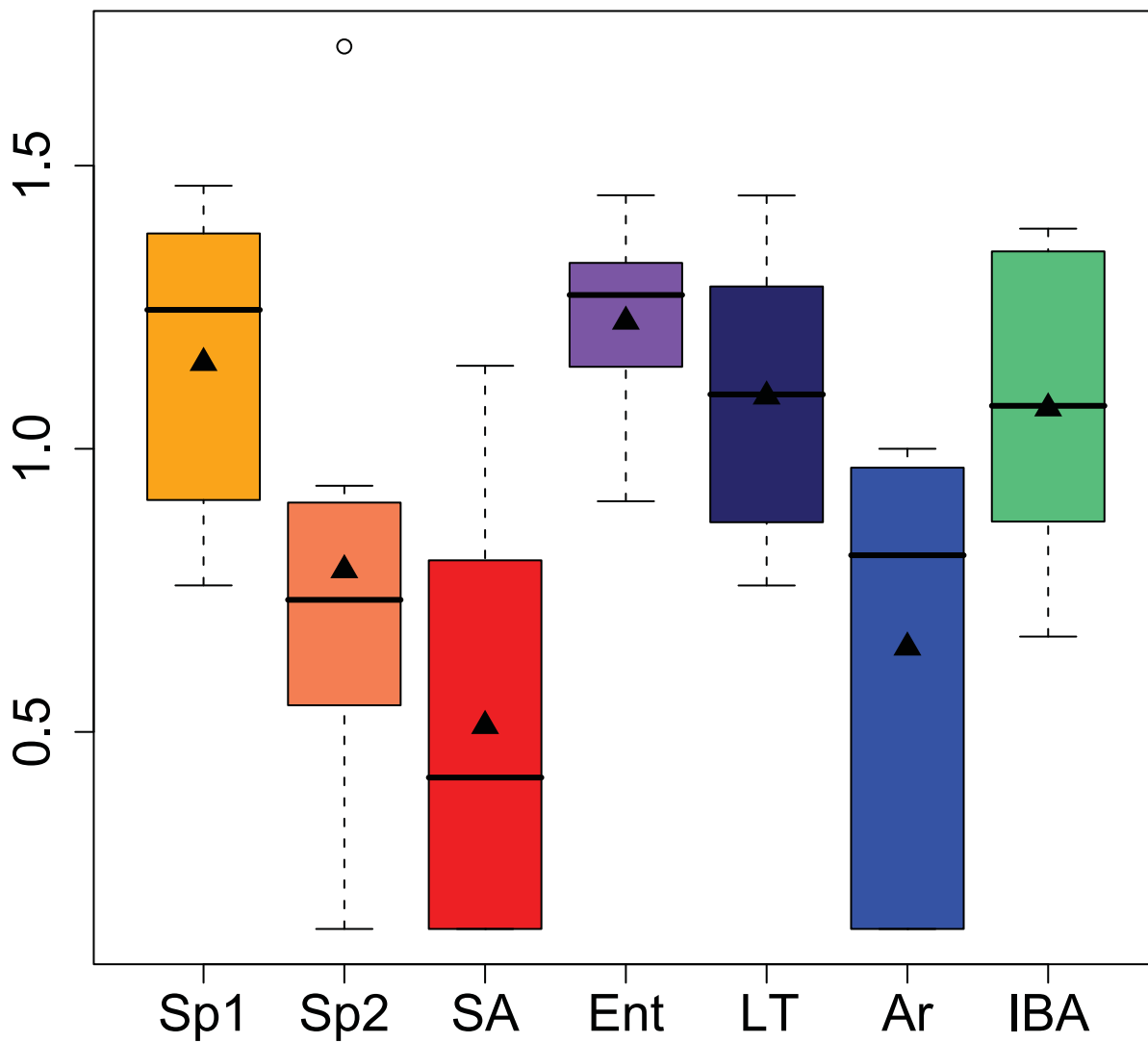
# hexadecanedioate



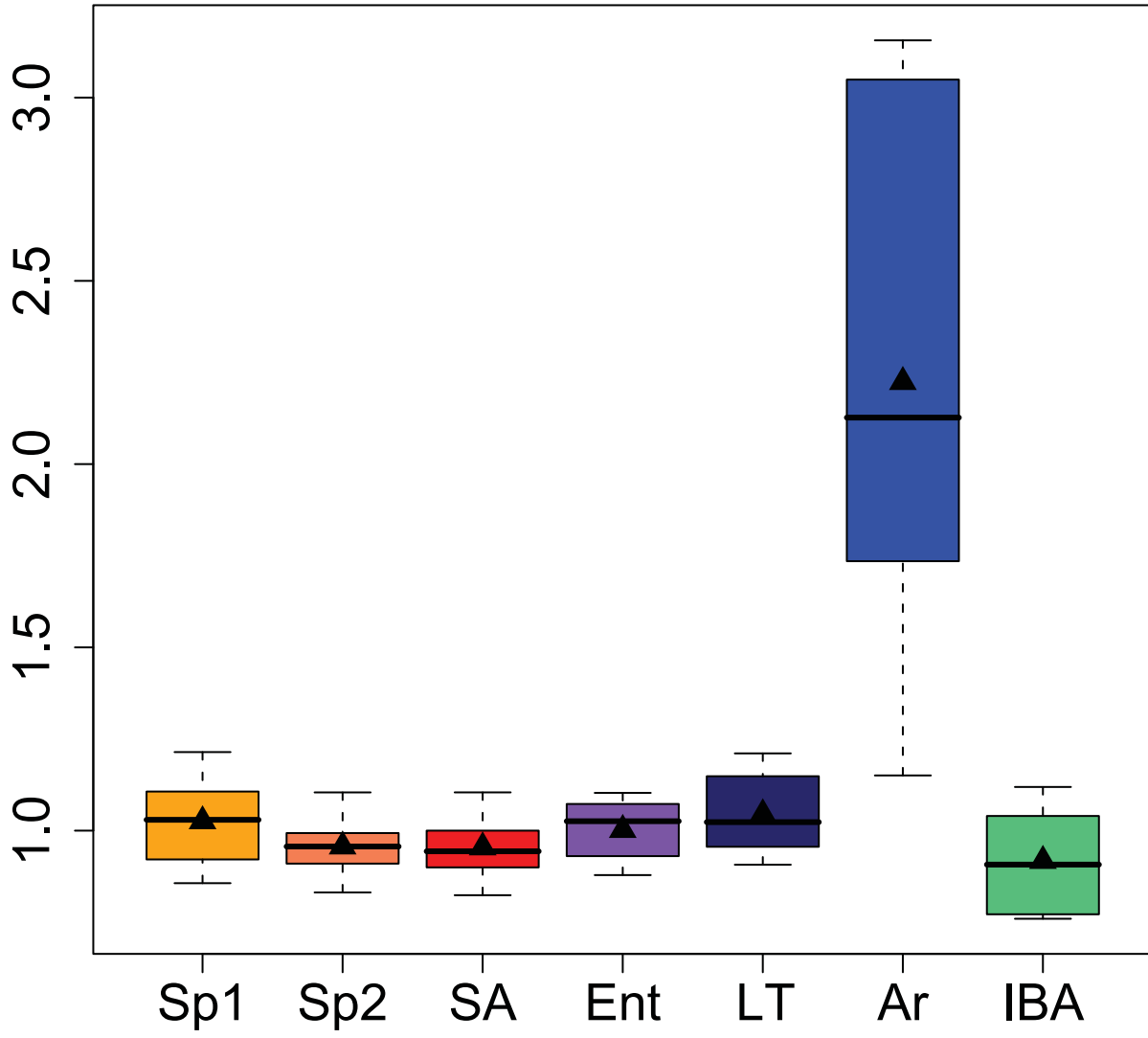
# tetradecanedioate



# 2-ethylhexanoic acid

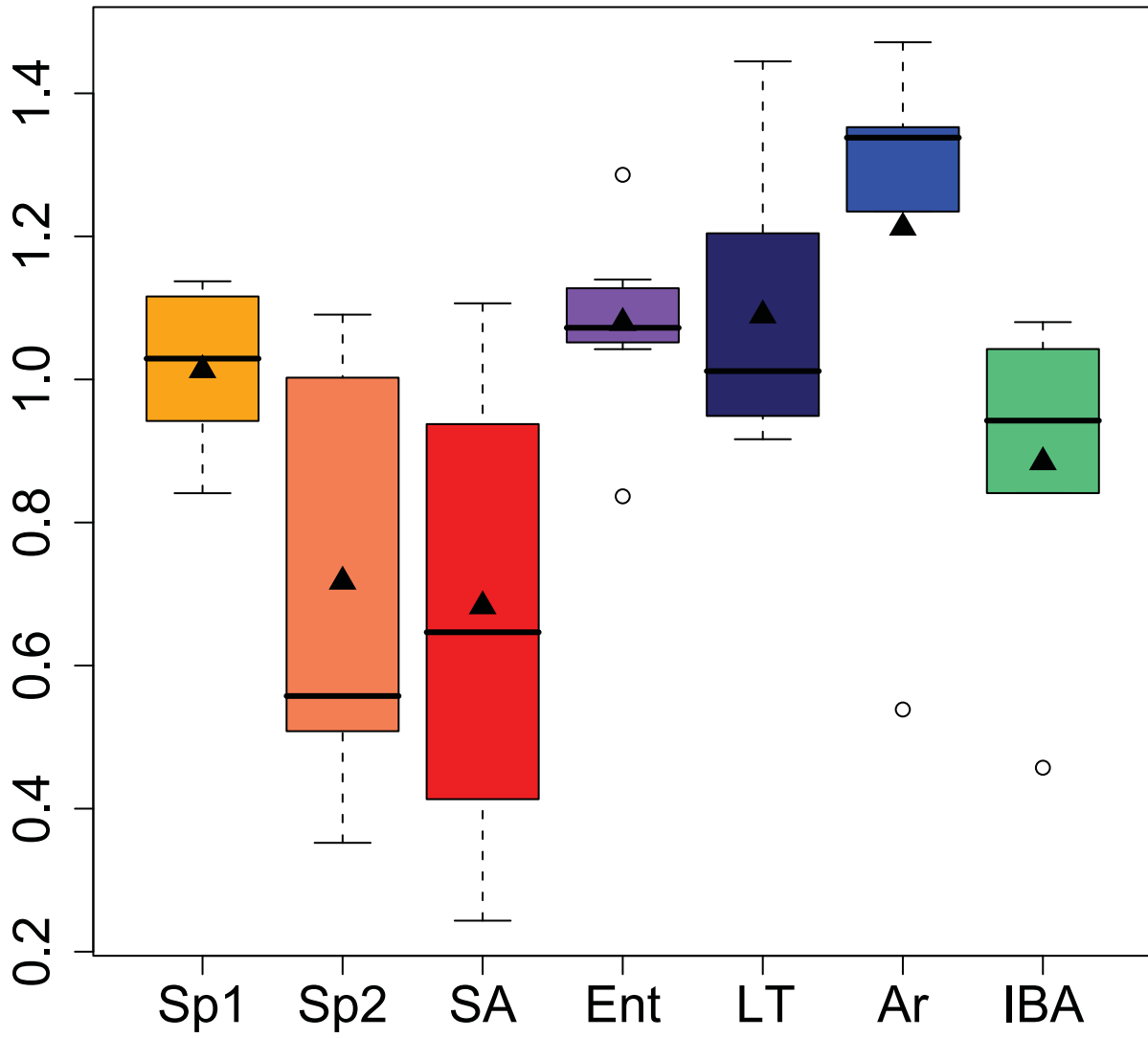


caprate (10:0)

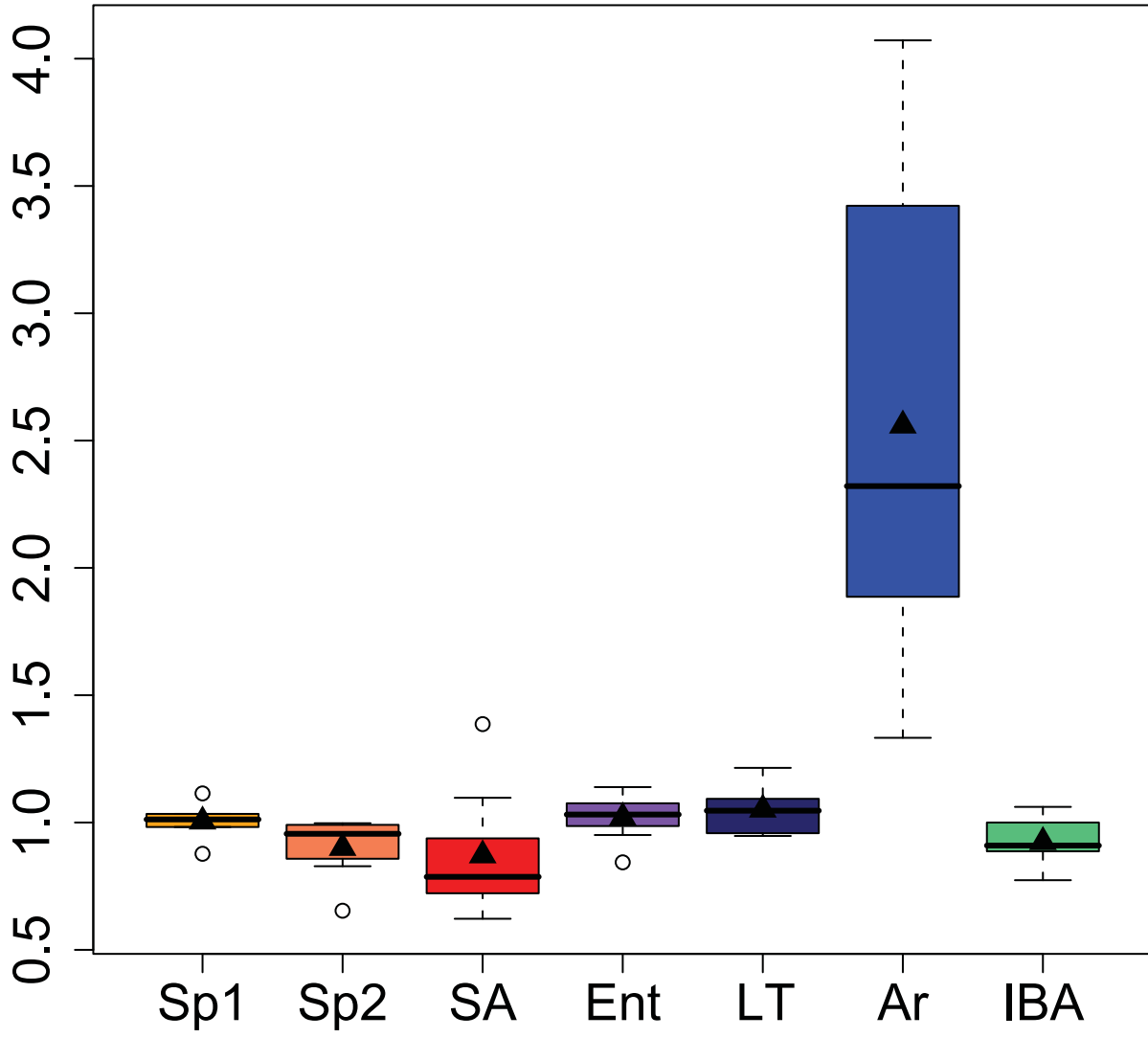




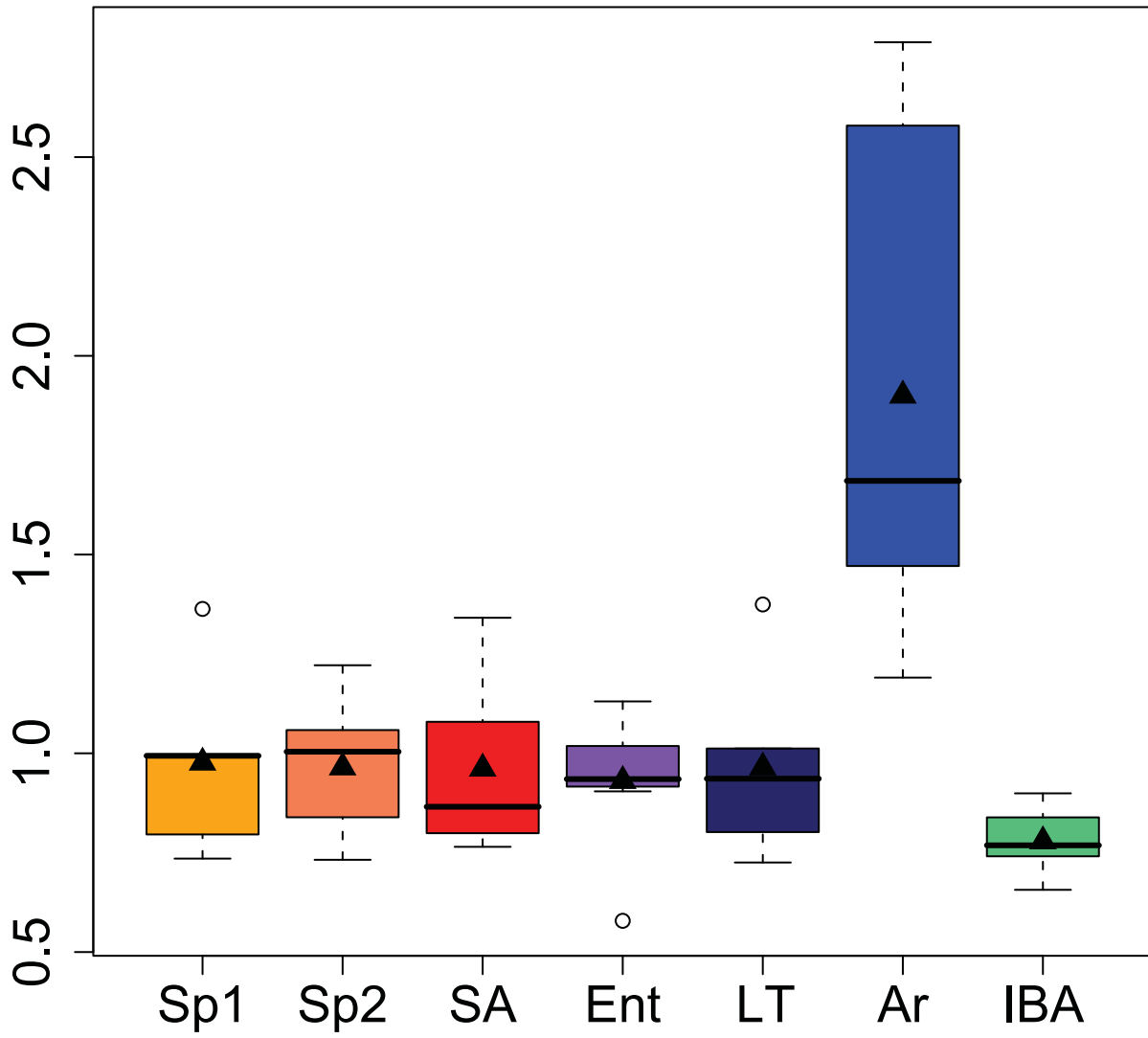
caproate (6:0)



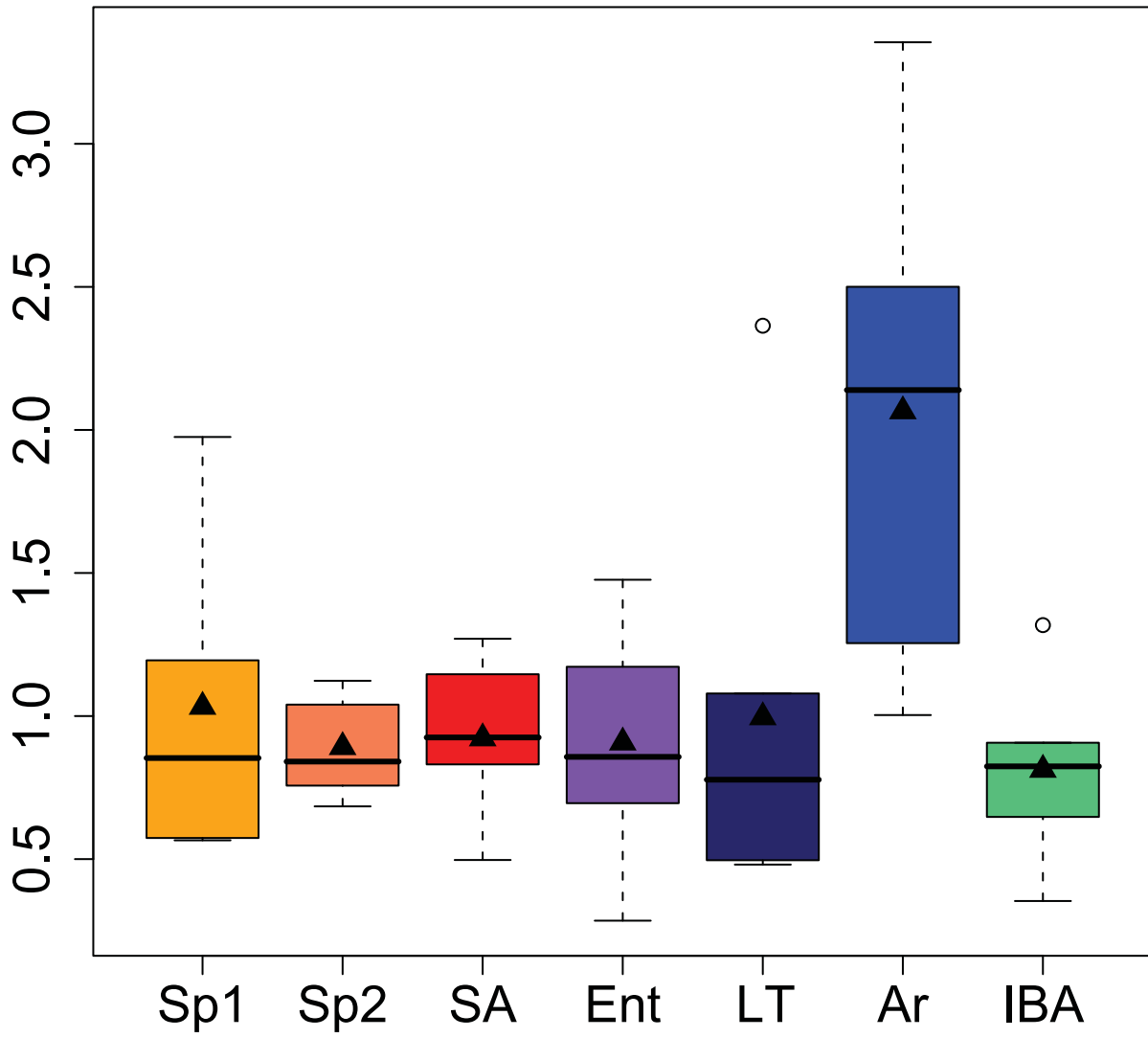
caprylate (8:0)



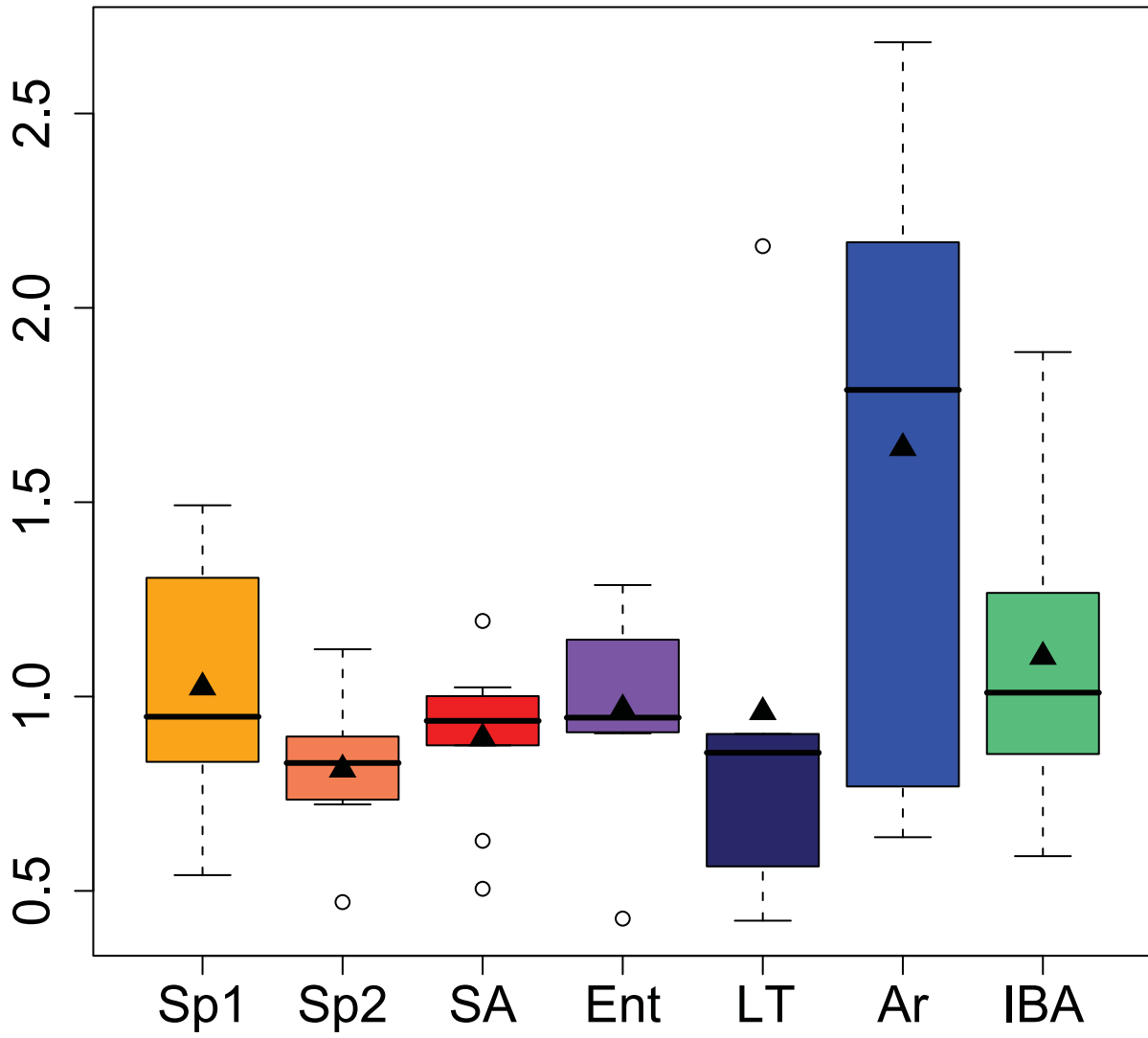
# laurate (12:0)



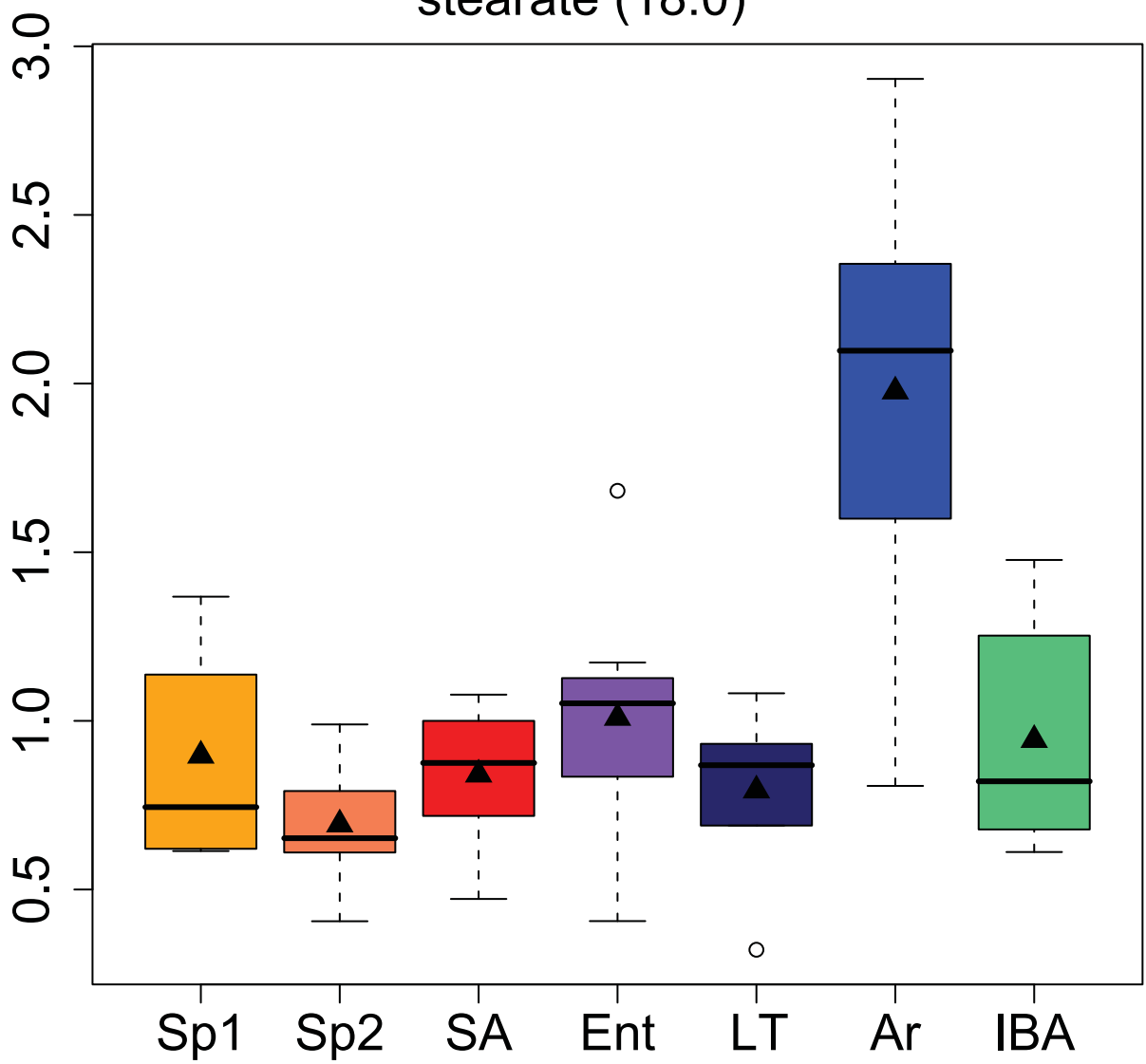
myristate (14:0)



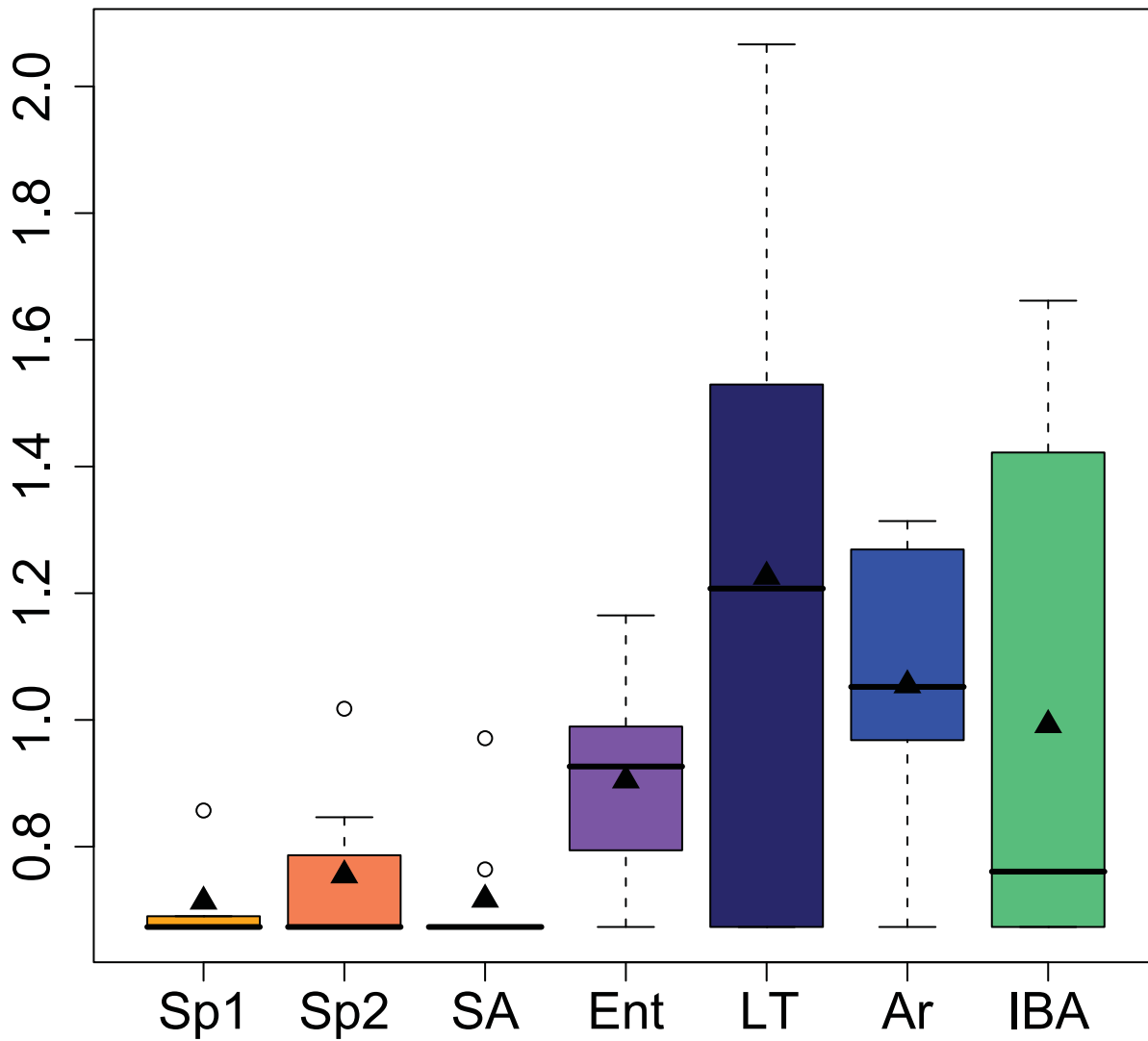
palmitate (16:0)



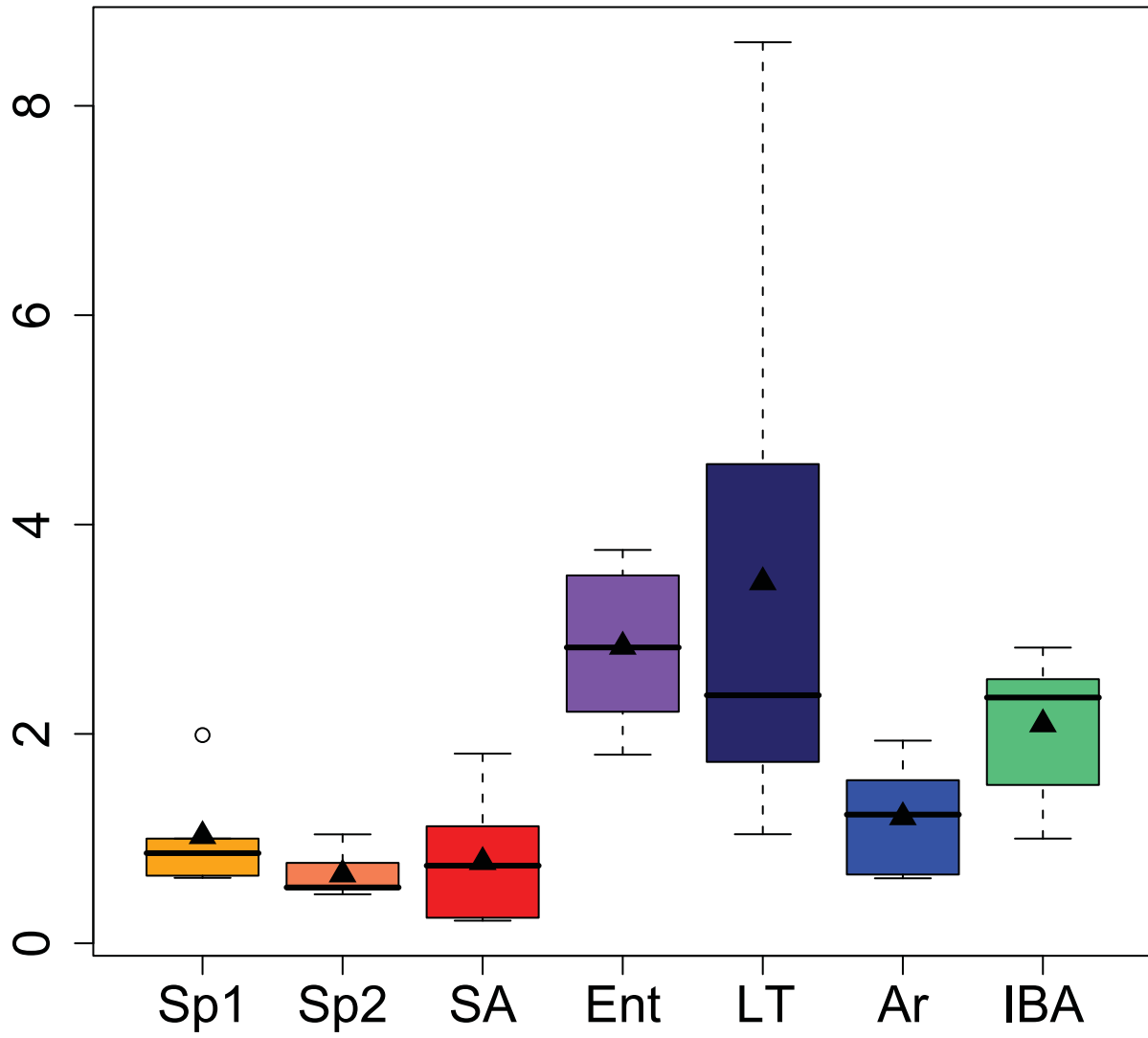
stearate (18:0)



# methyl-palmitate

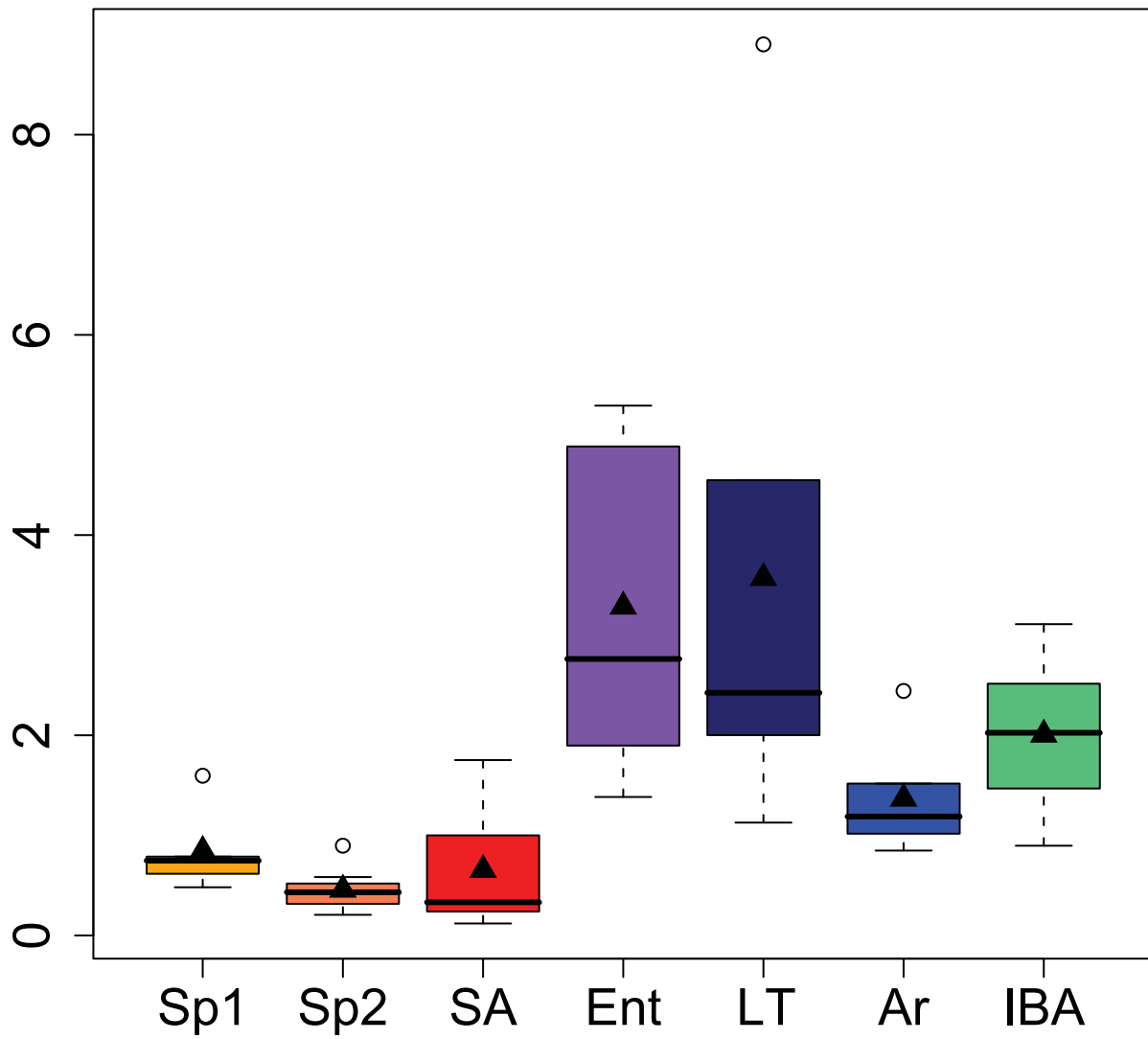


# 2-hydroxypalmitate

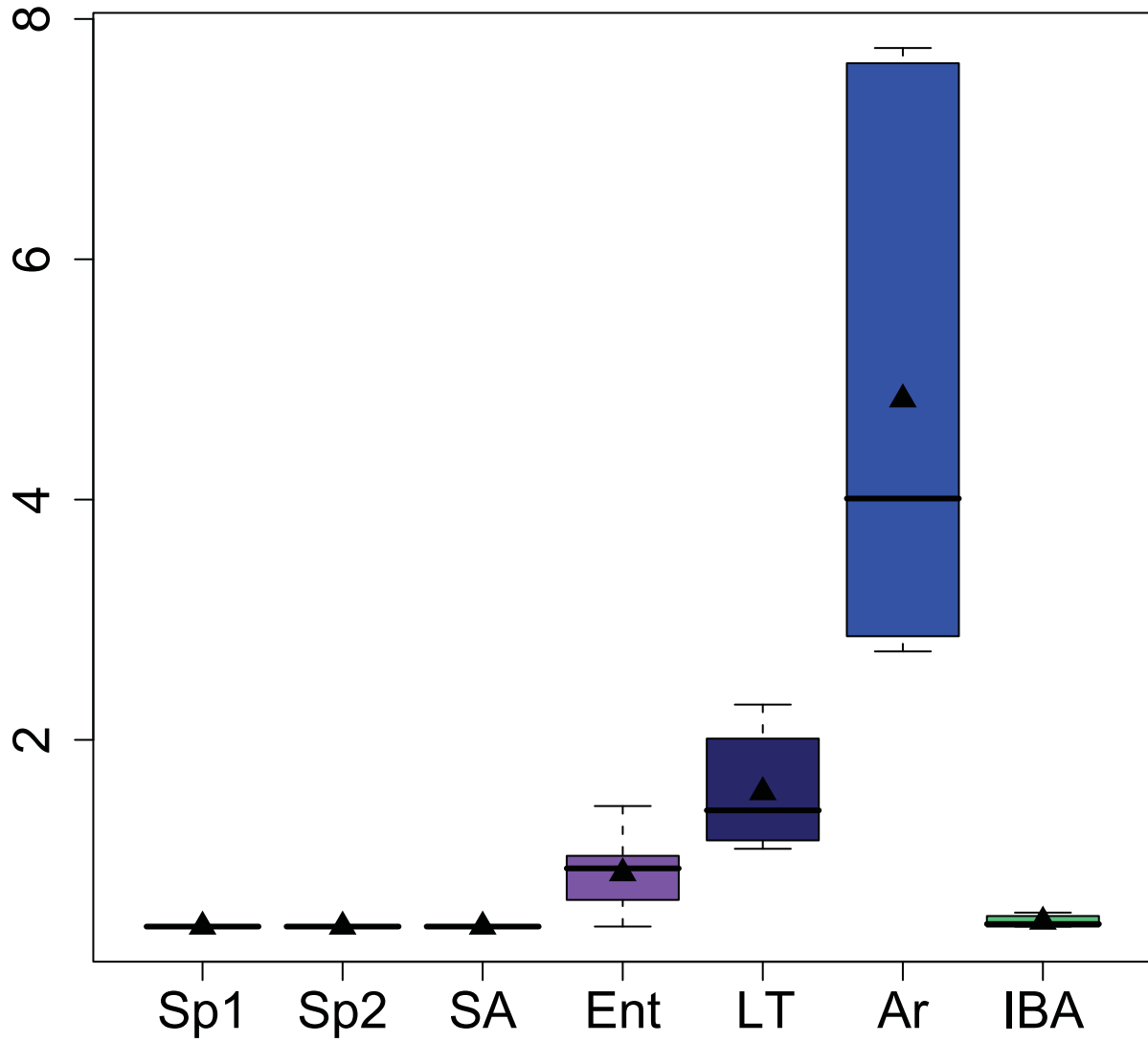




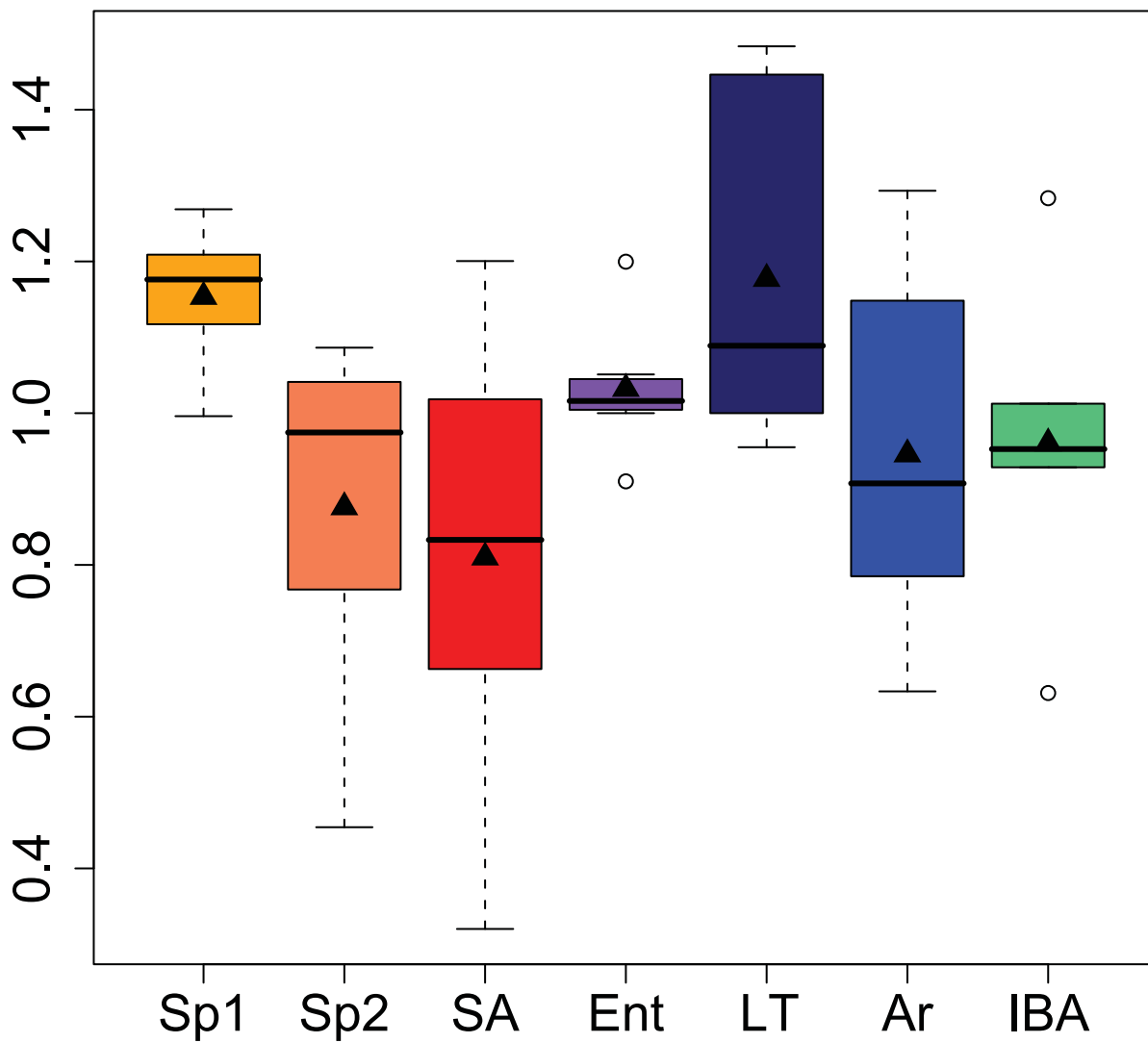
# 2-hydroxystearate



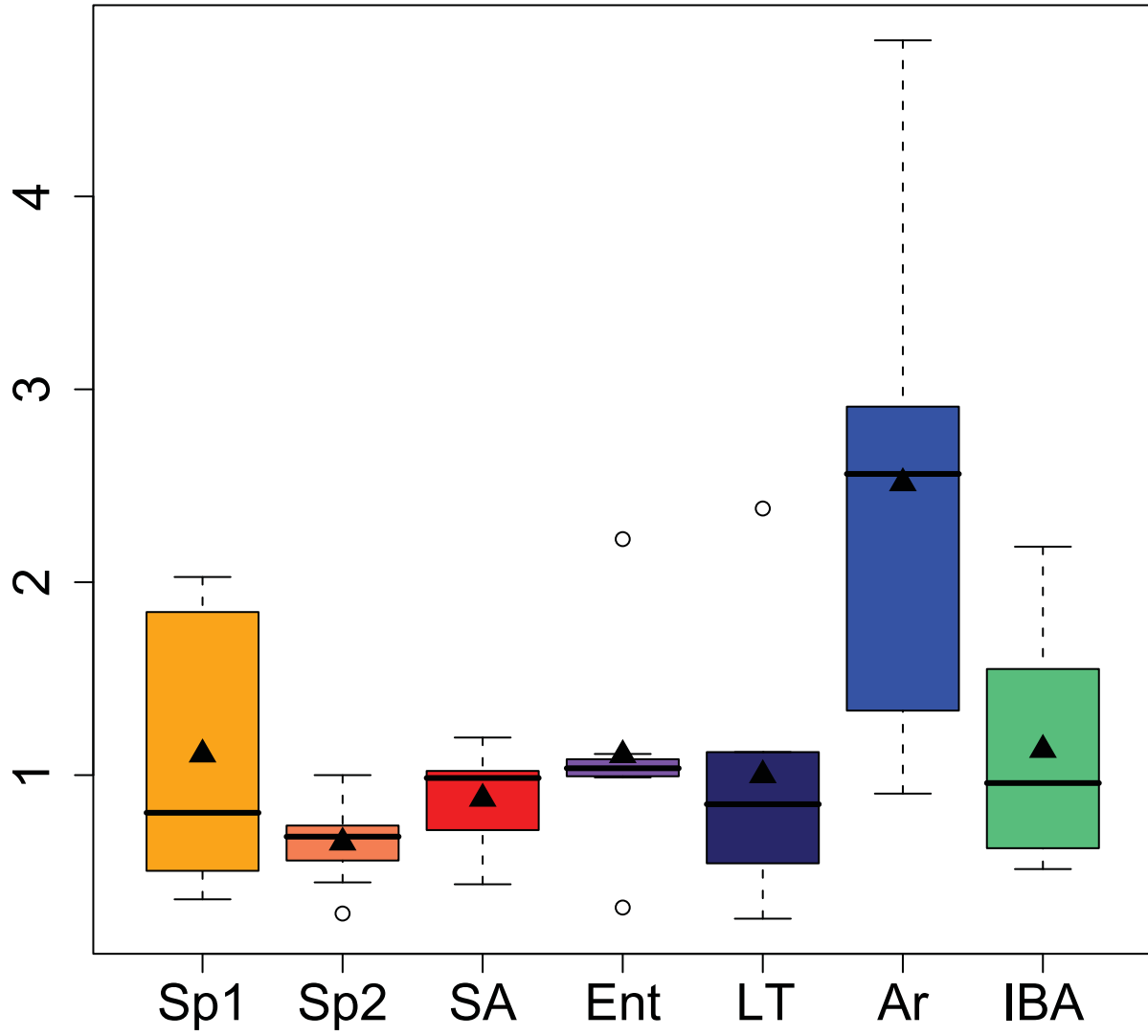
### 3-hydroxydecanoate



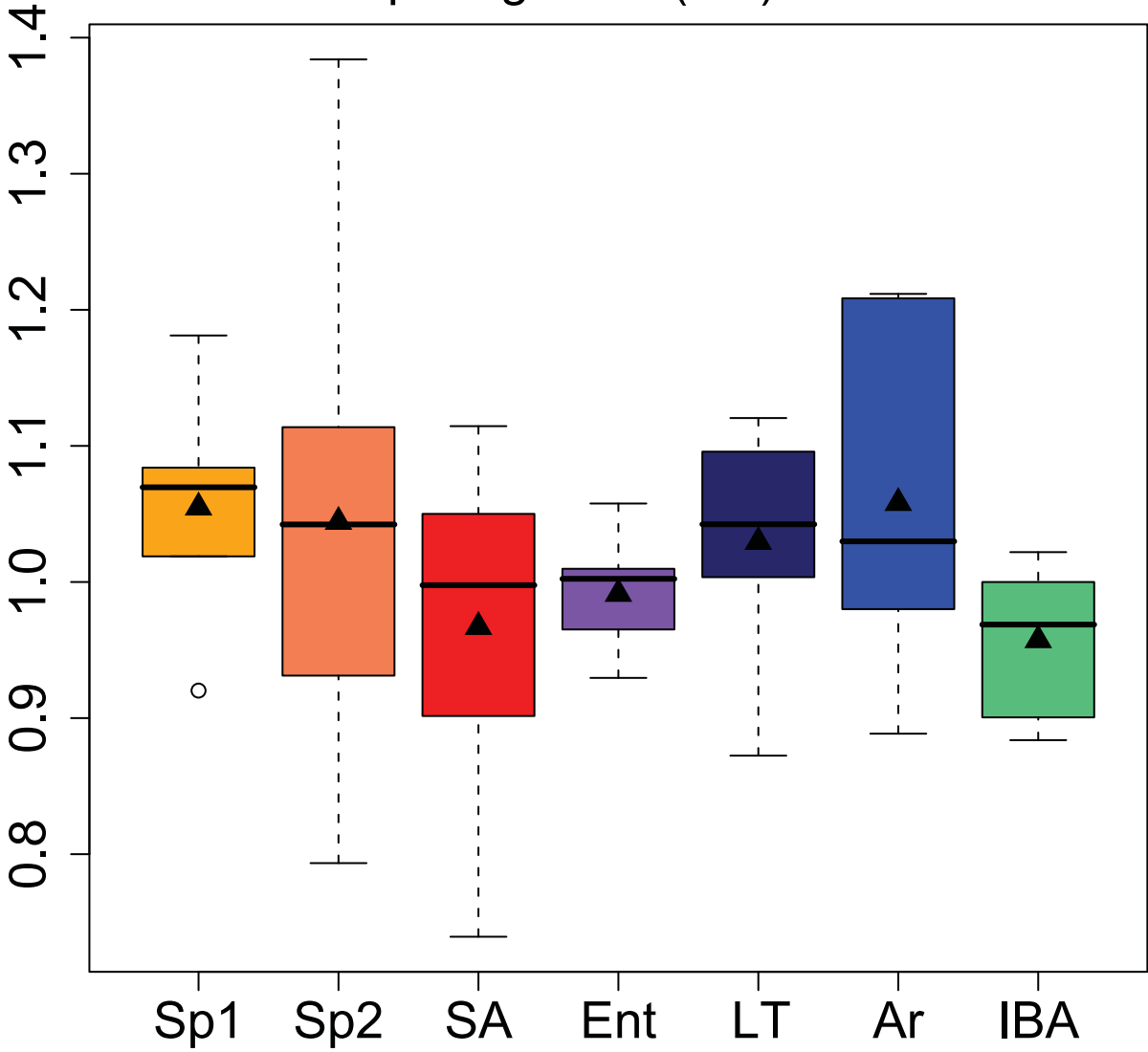
# heptanoate (7:0)



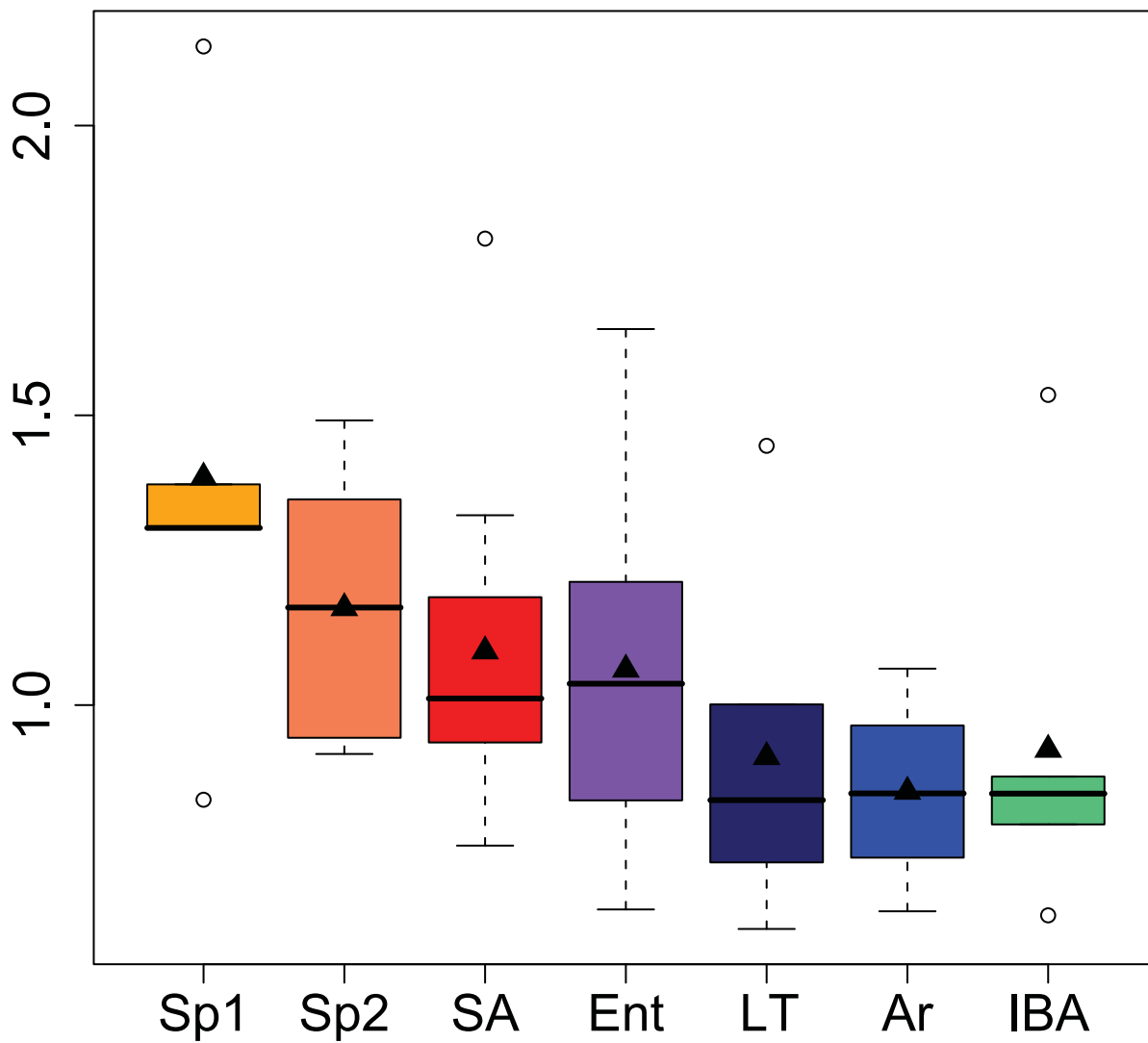
margarate (17:0)



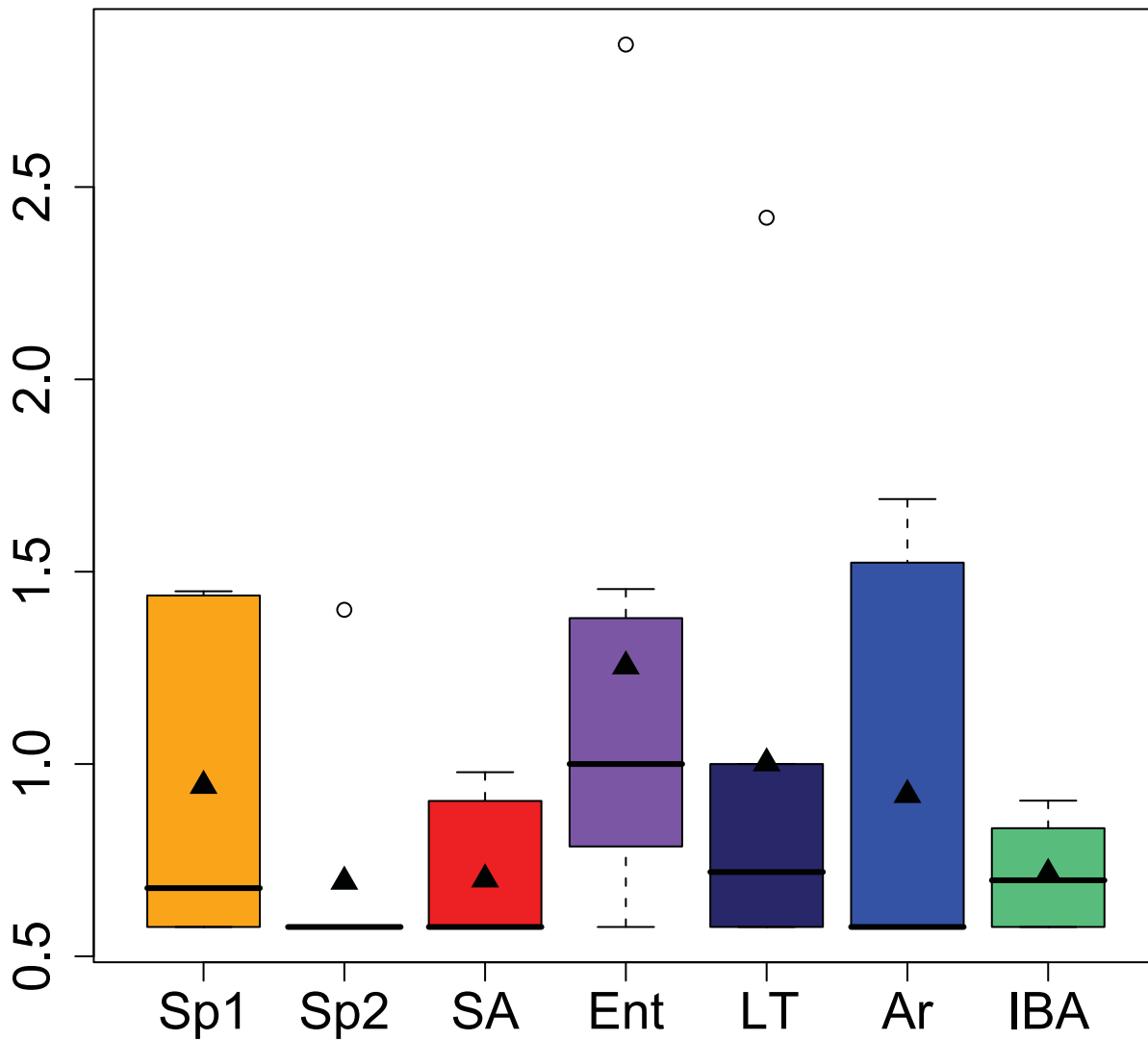
pelargonate (9:0)



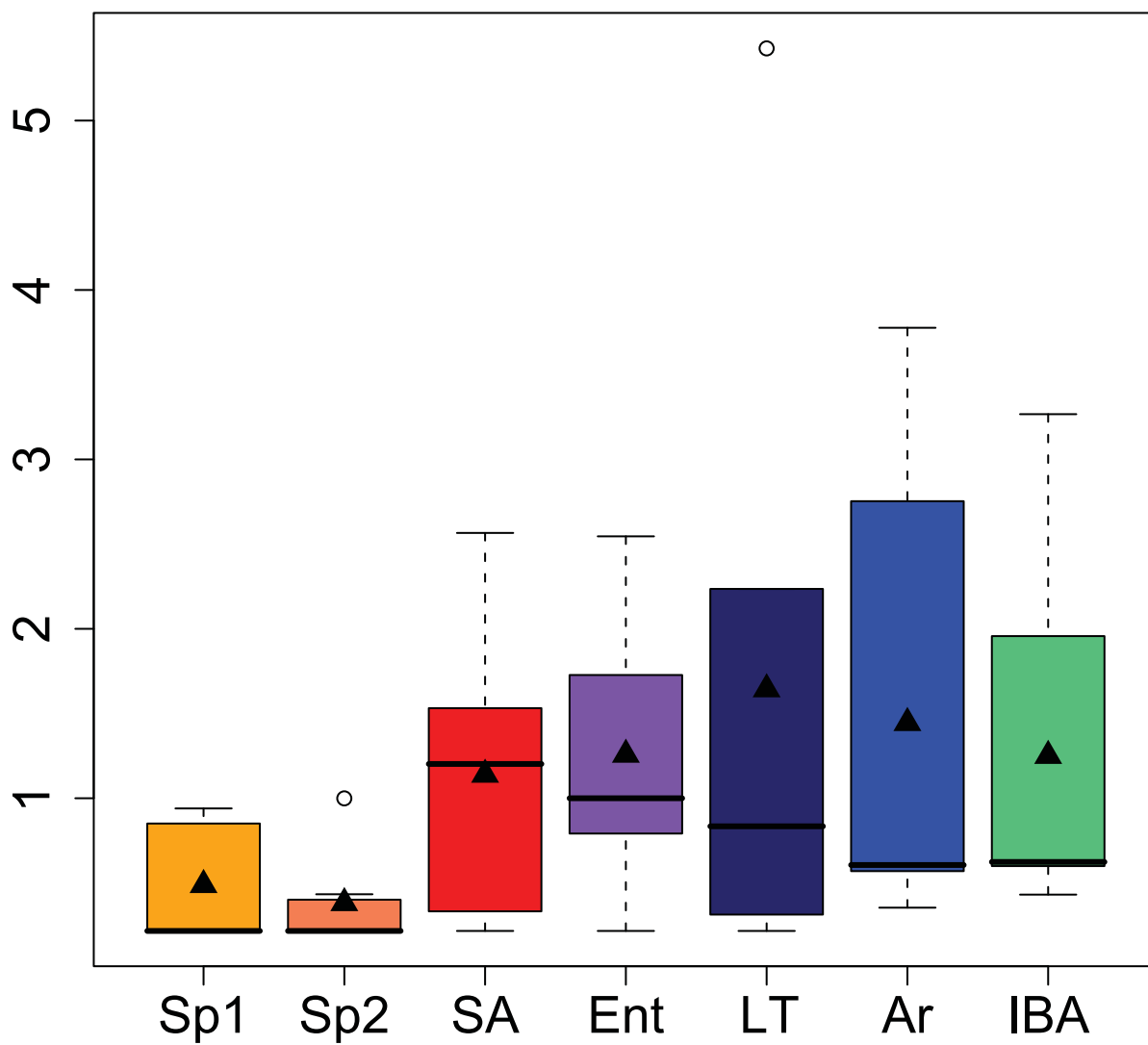
# undecanoate (11:0)



# valerate

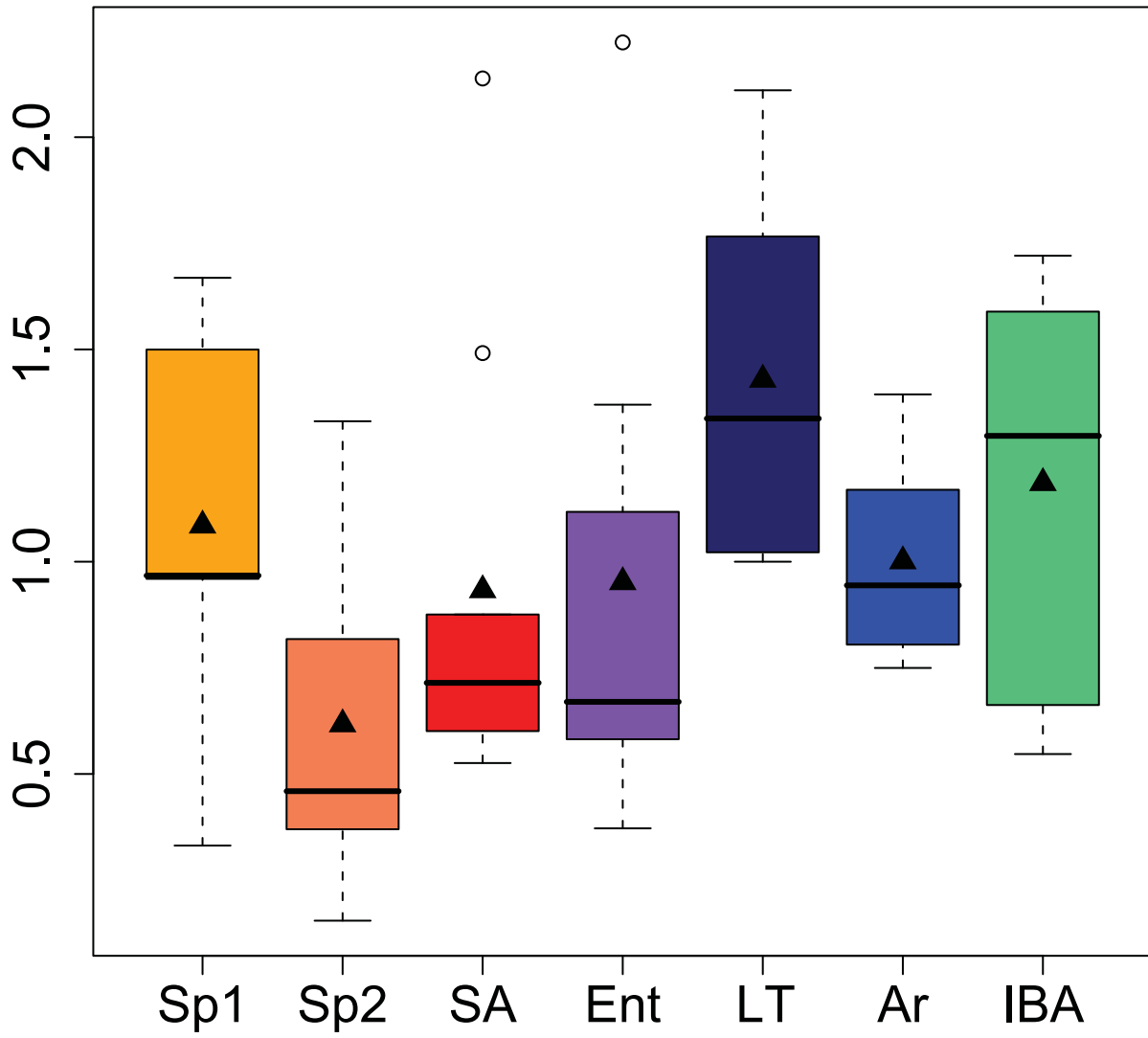


# 1,3-dipalmitoylglycerol

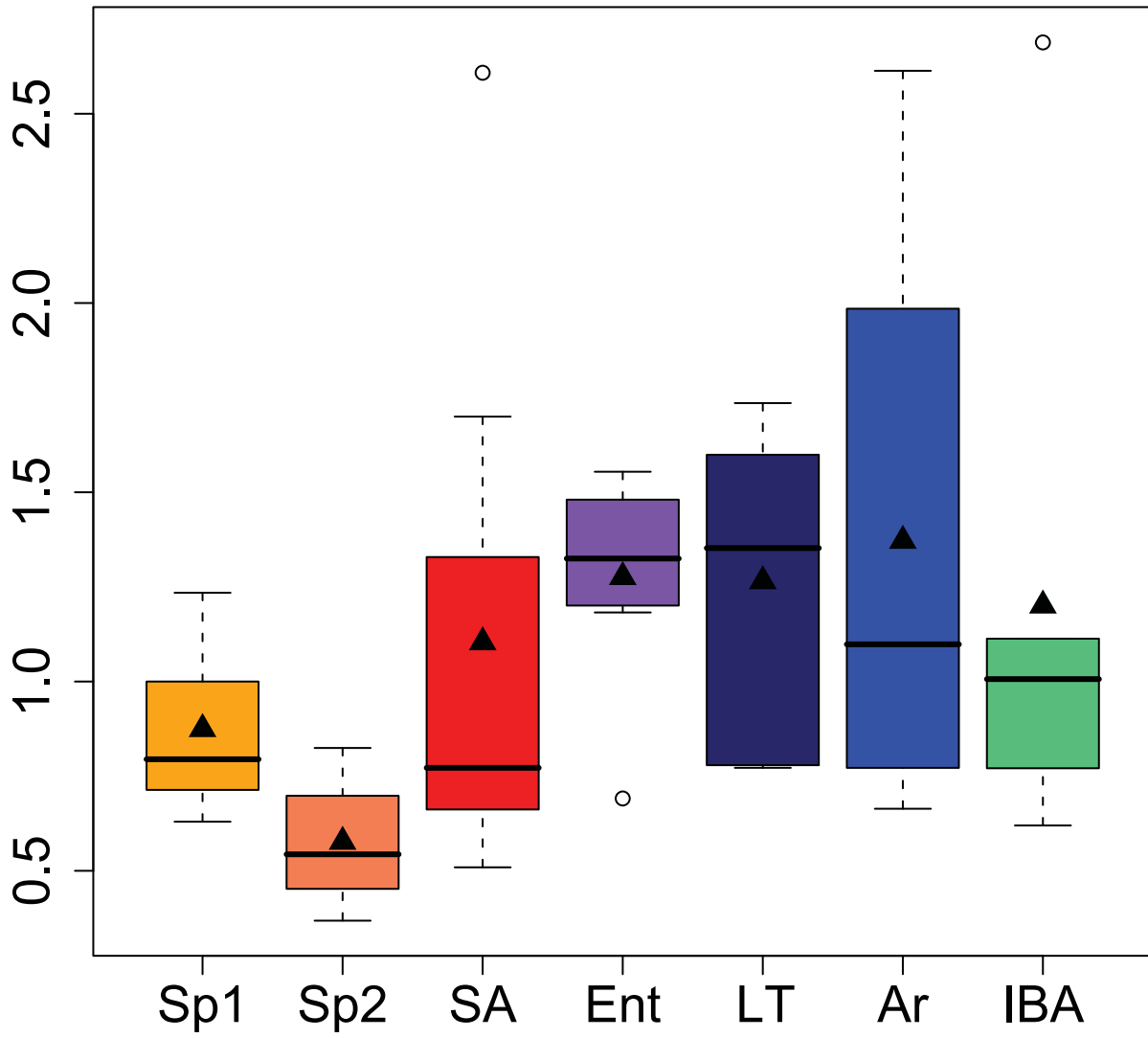




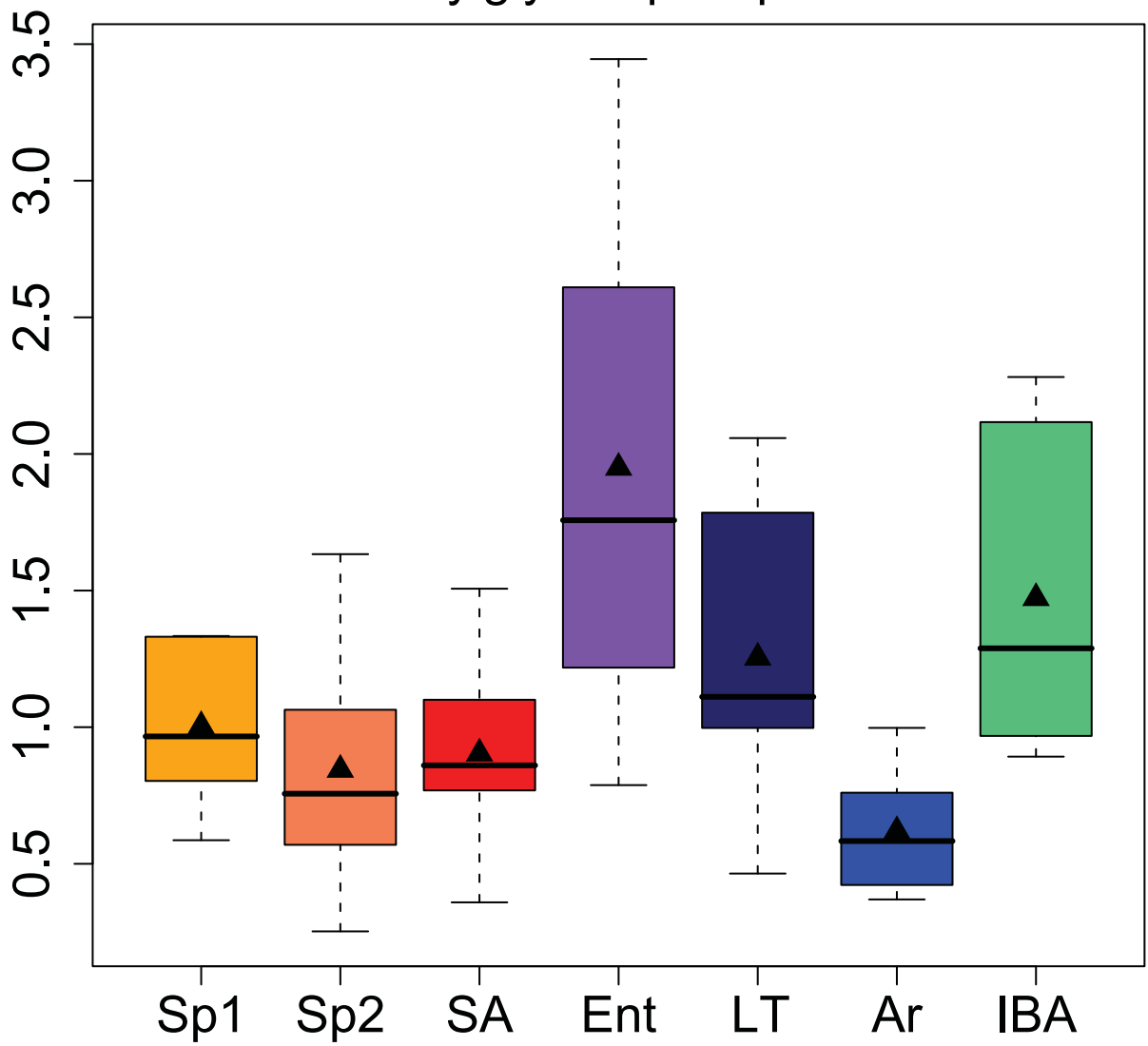
1-arachidonoylglycerophosphocholine\*



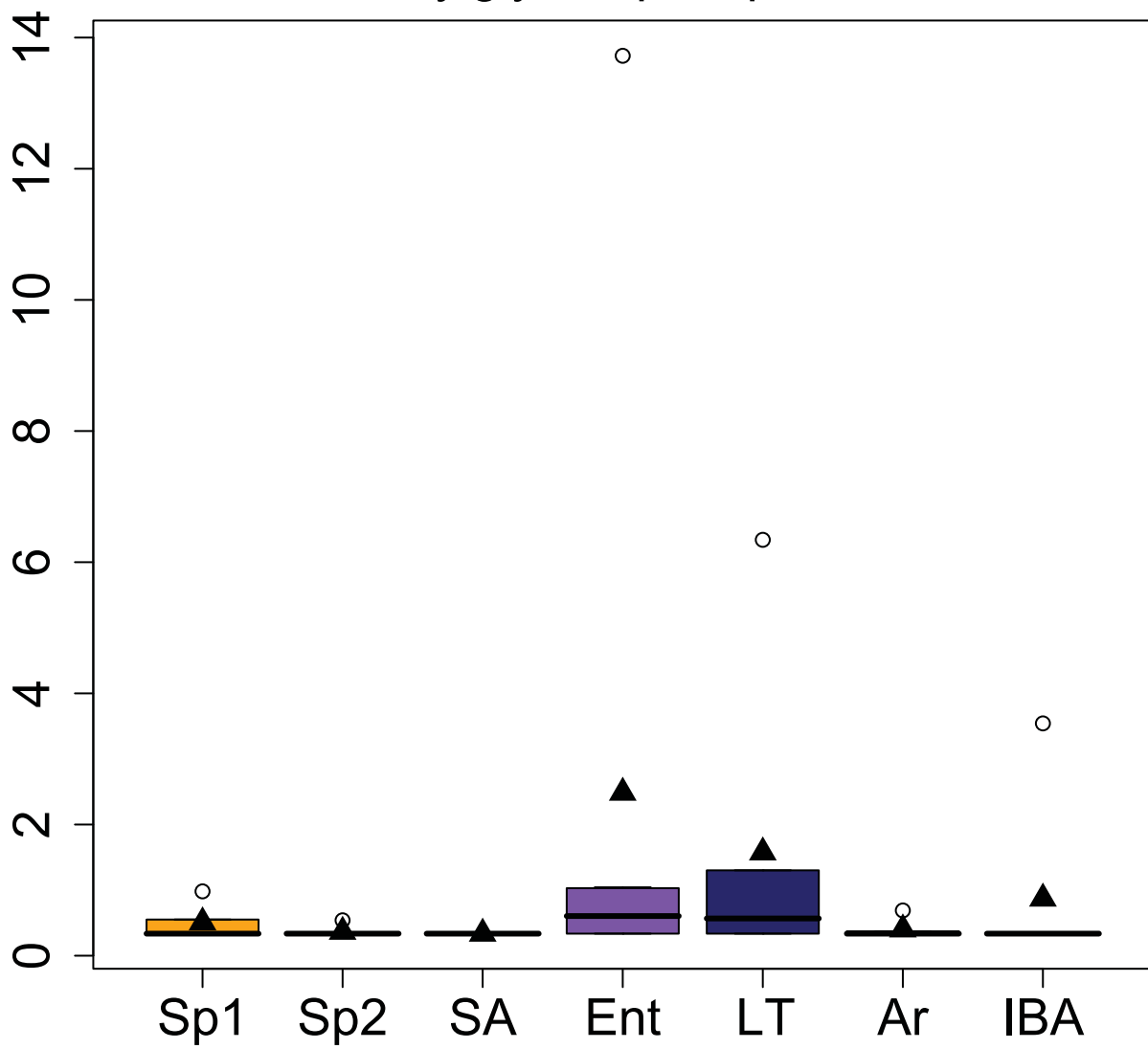
# 1-arachidonoylglycerophosphoethanolamine-



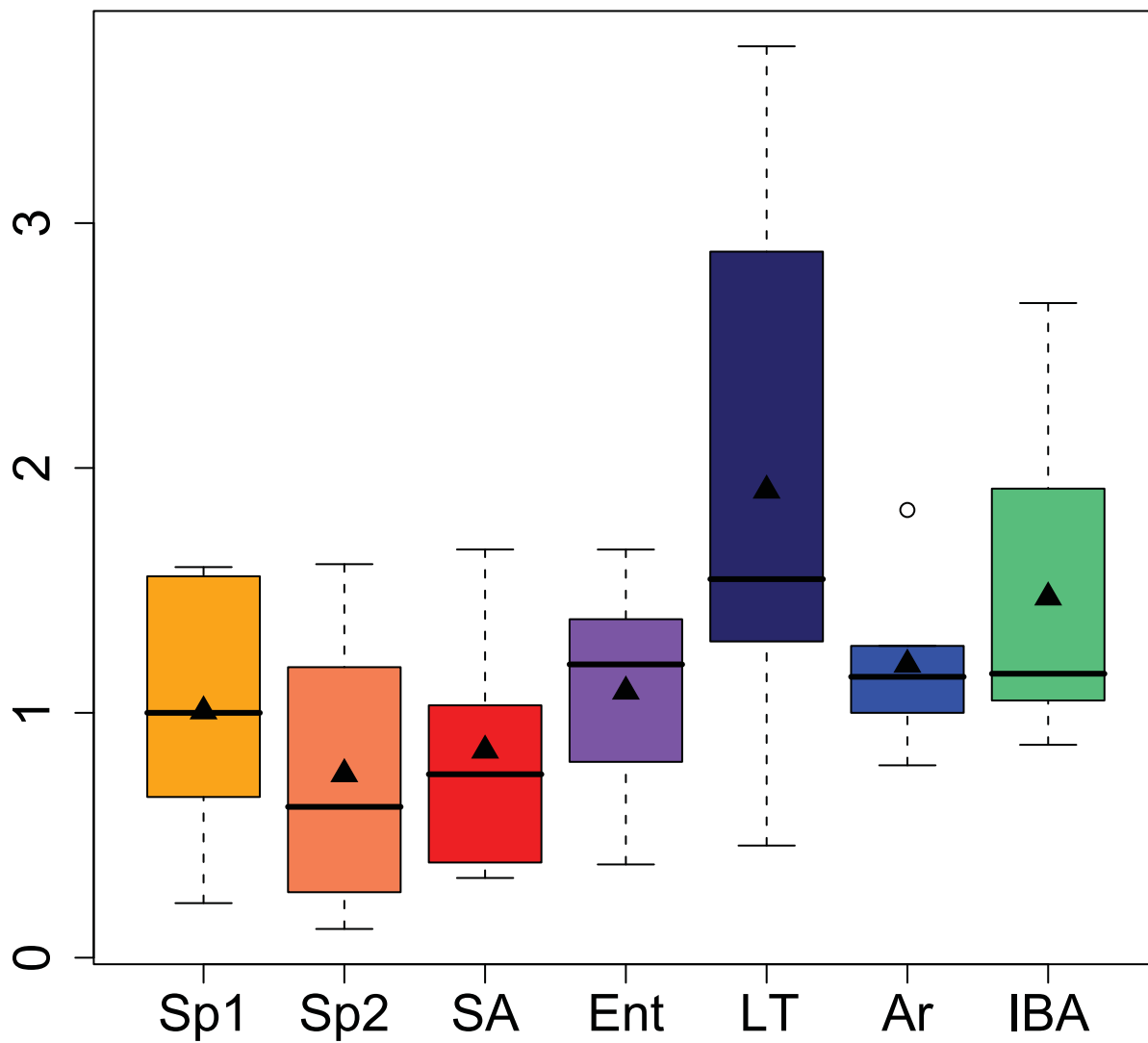
# 1-arachidonoylglycerophosphoinositol-



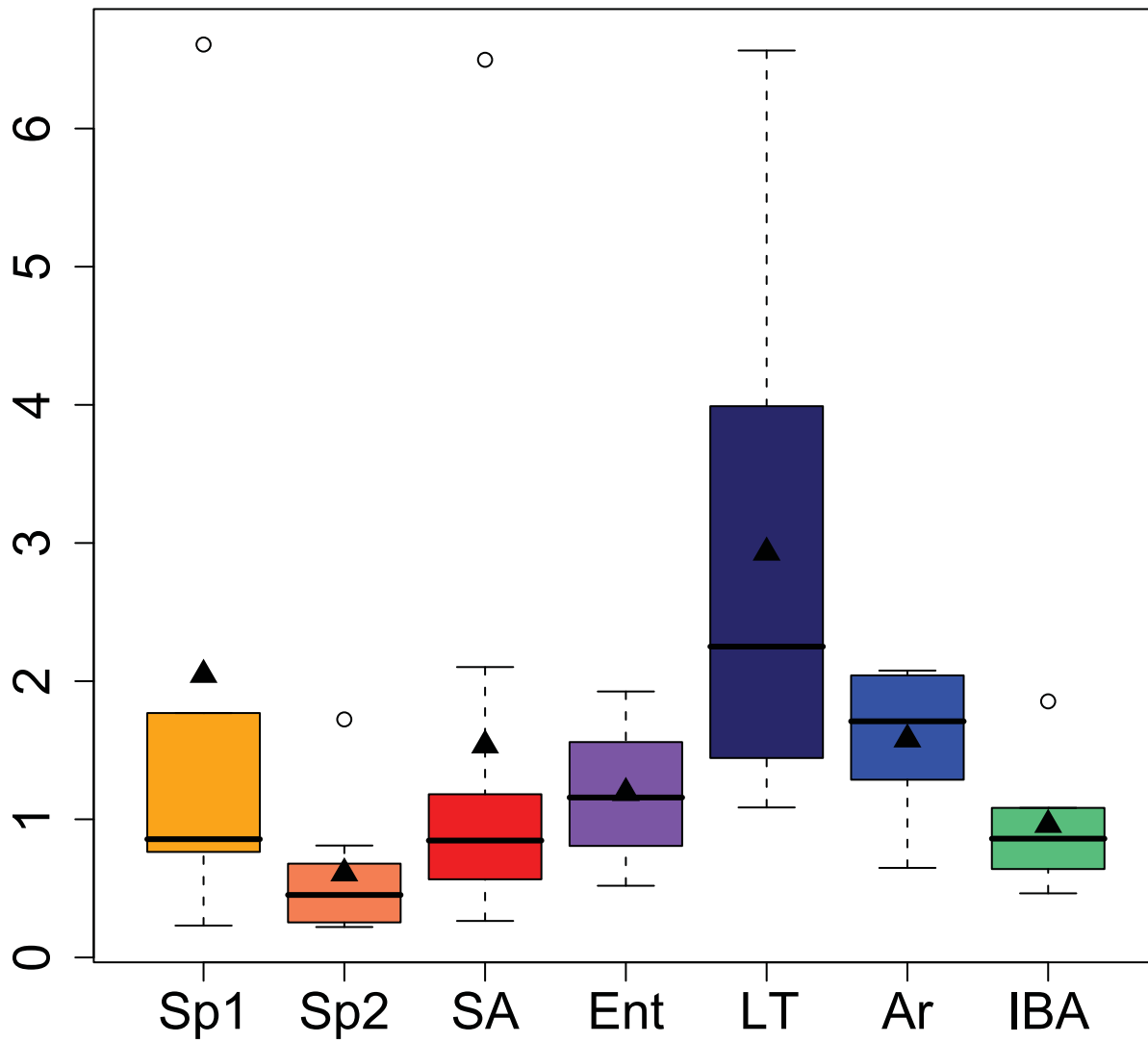
# 1-arachidoylglycerophosphocholine



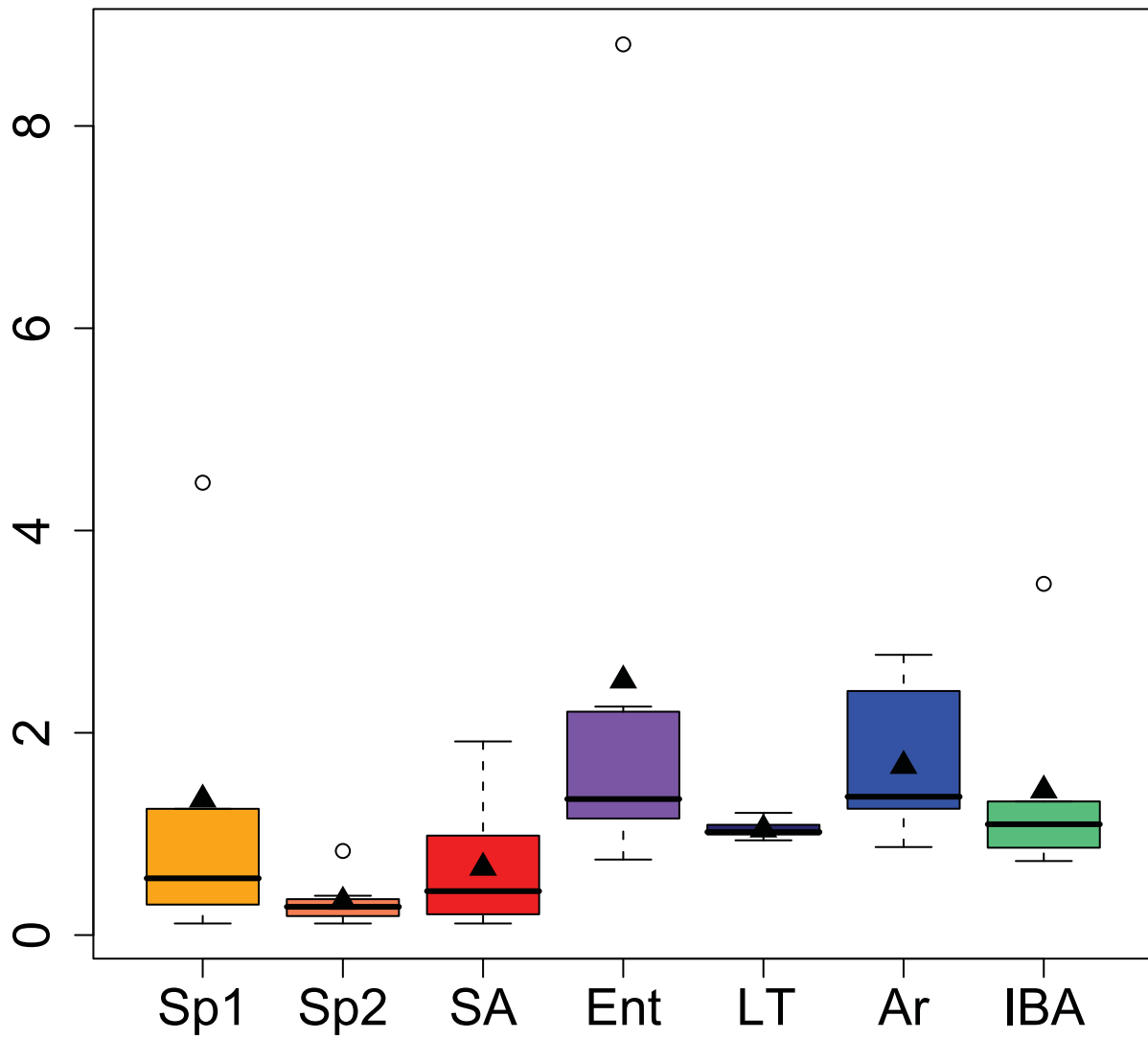
# 1-docosaenoylglycerophosphocholine-



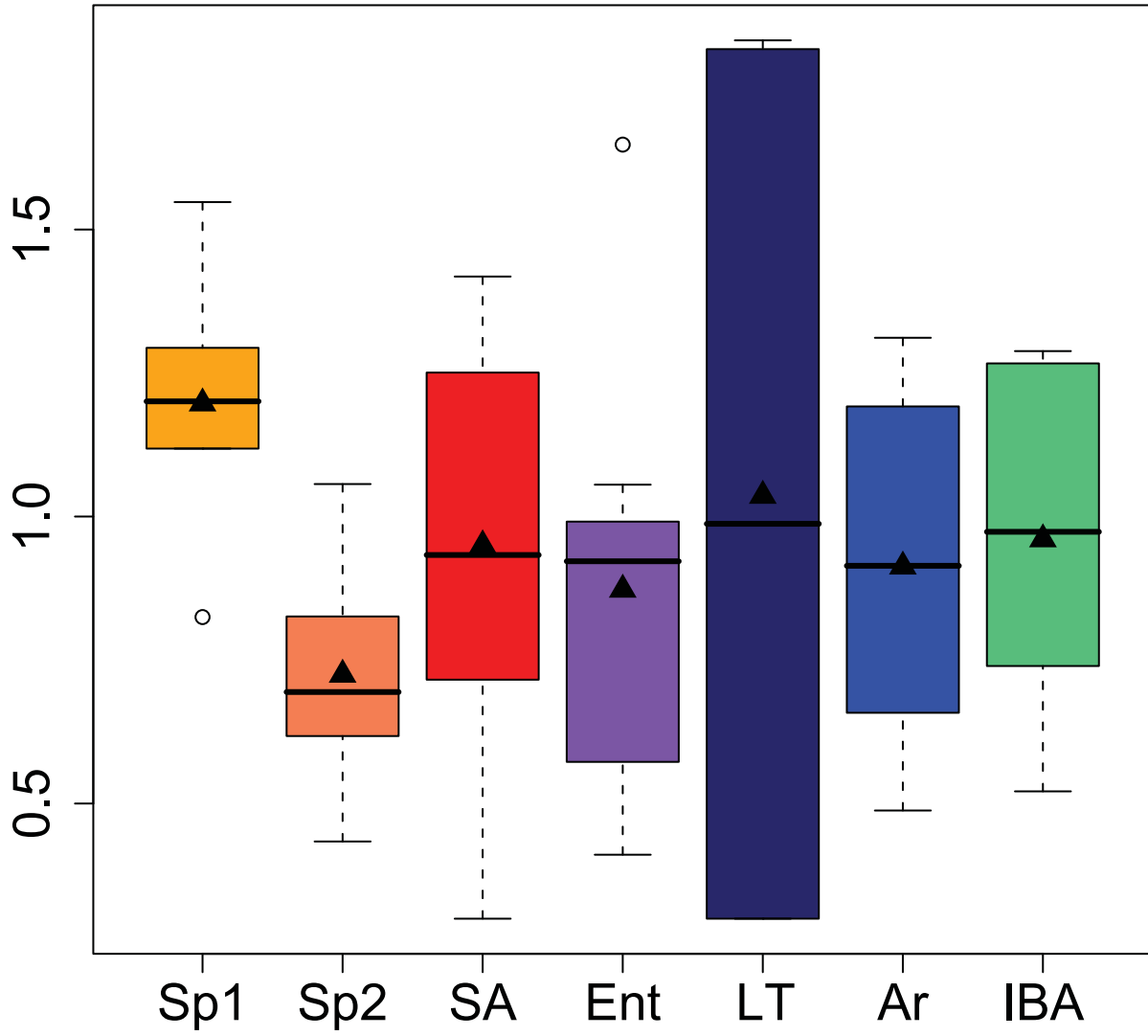
# 1-eicosatrienoylglycerophosphocholine\*



# 1-heptadecanoylglycerophosphocholine

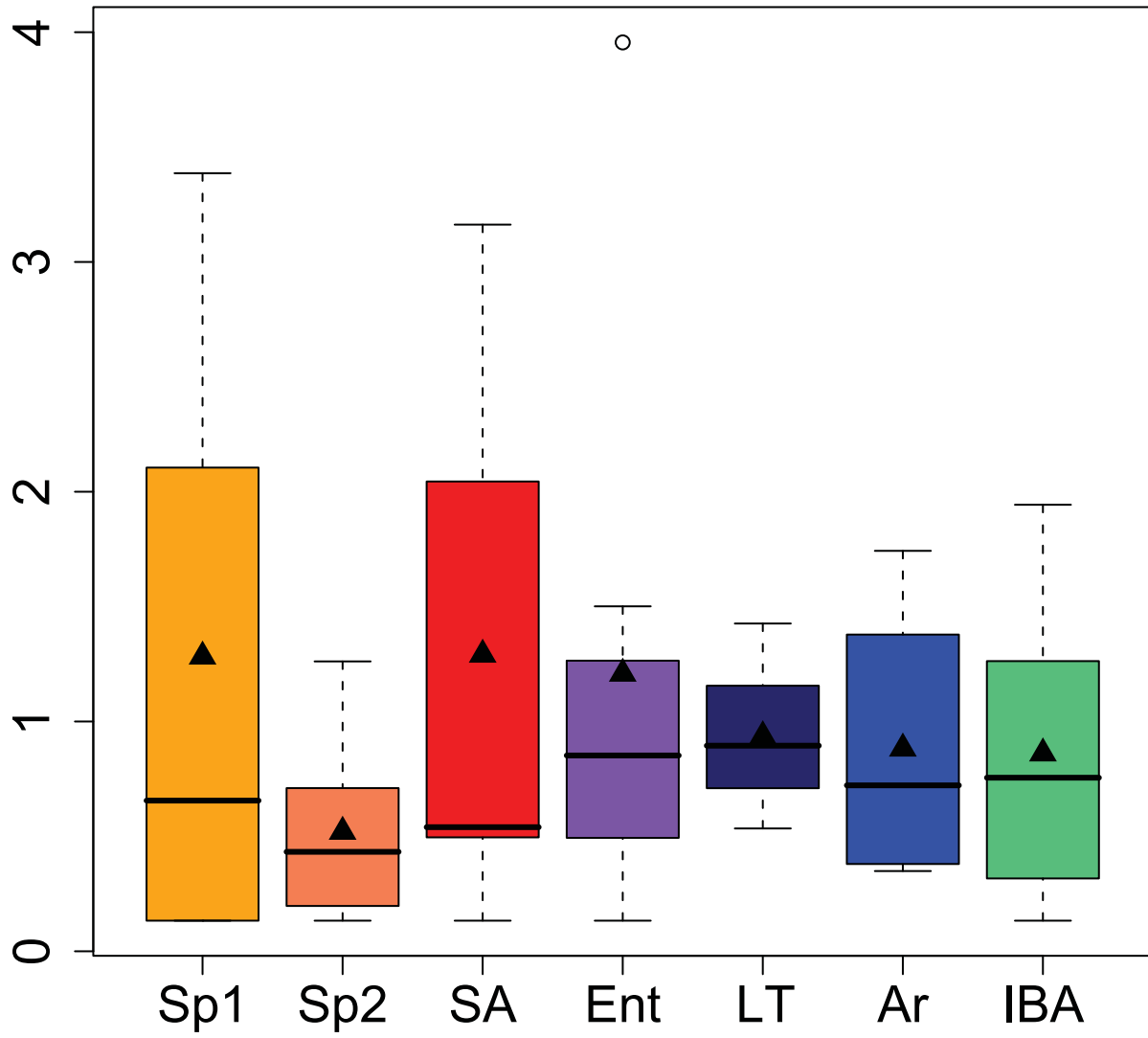


# 1-linoleoylglycerophosphocholine

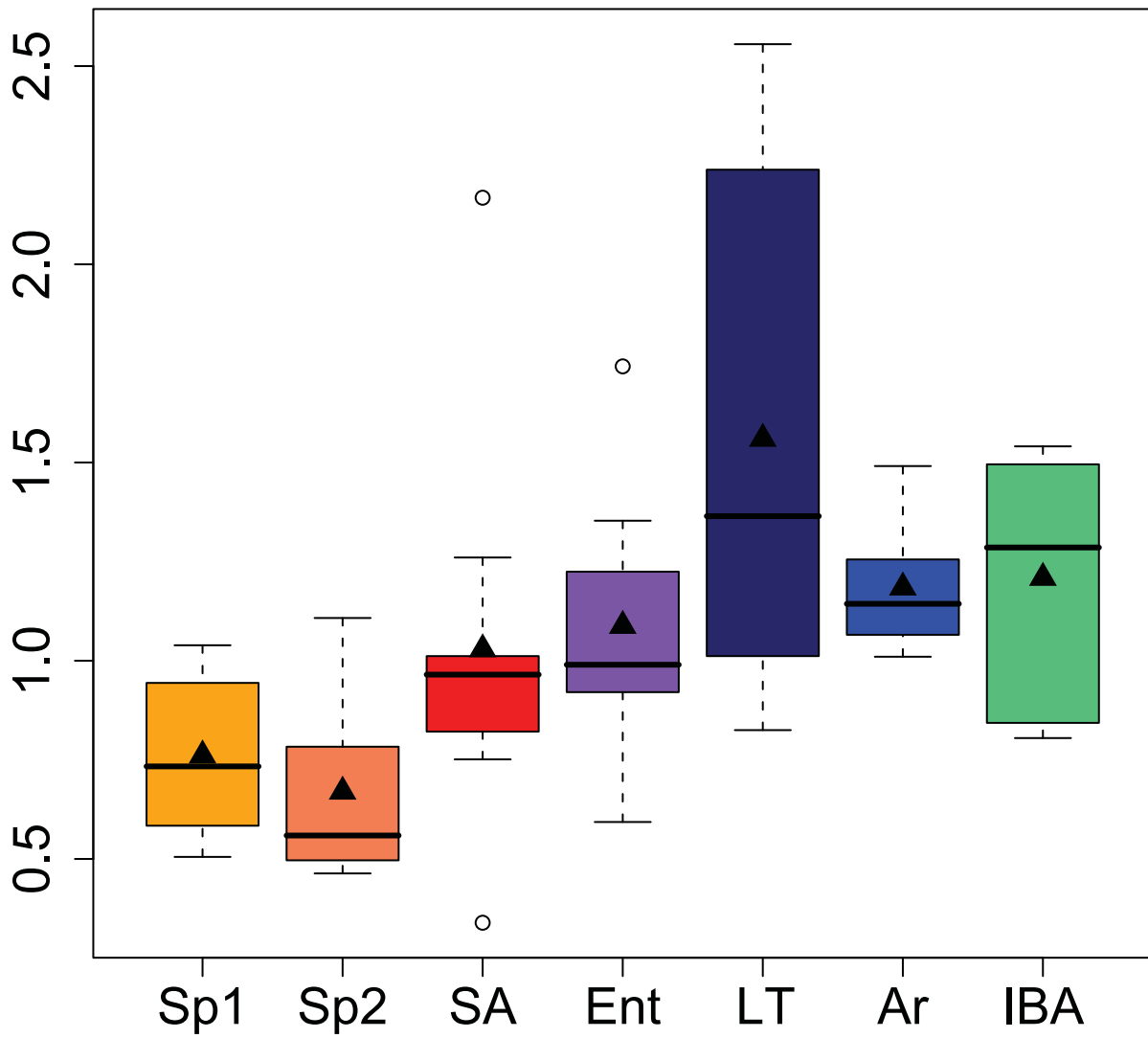




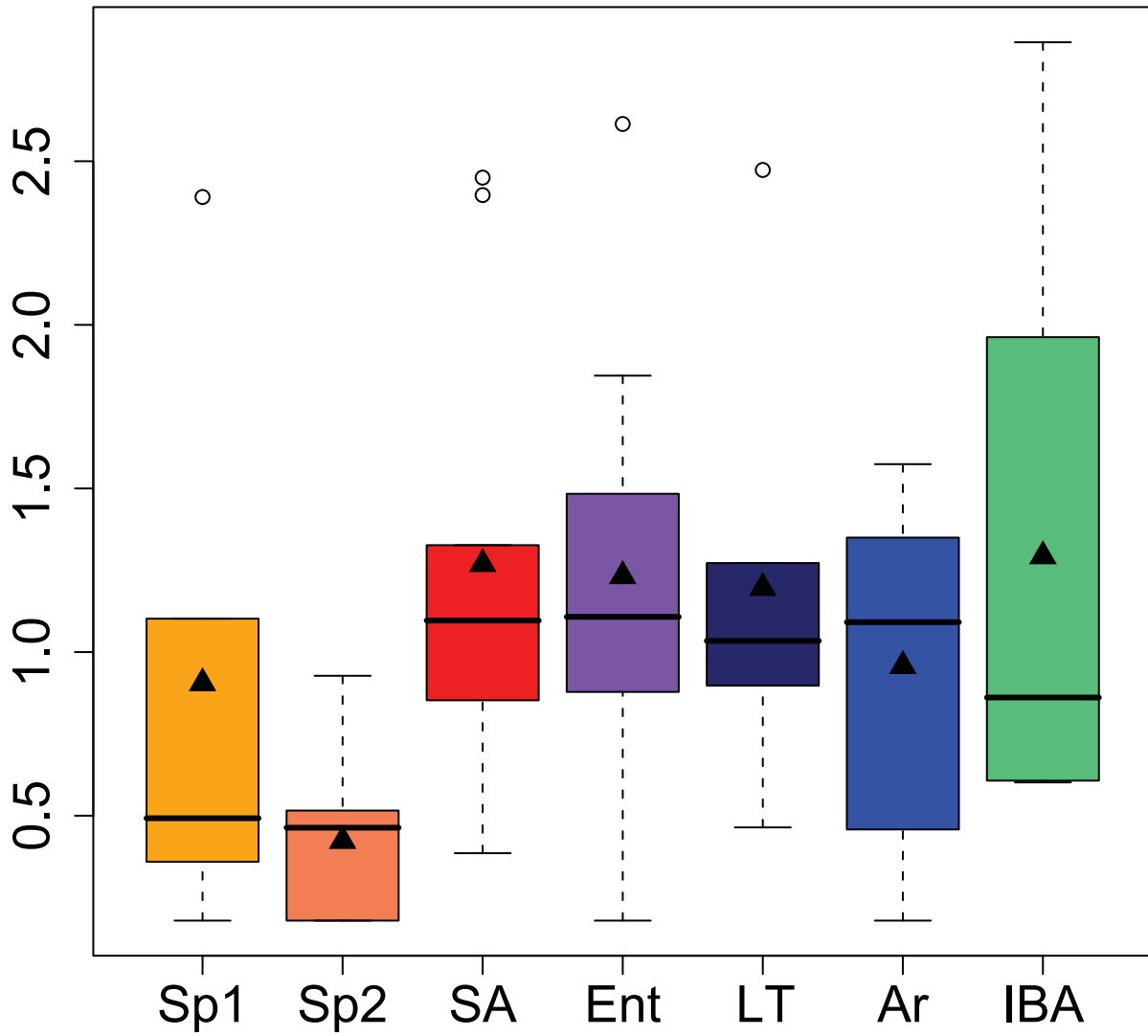
# 1-myristoylglycerophosphocholine



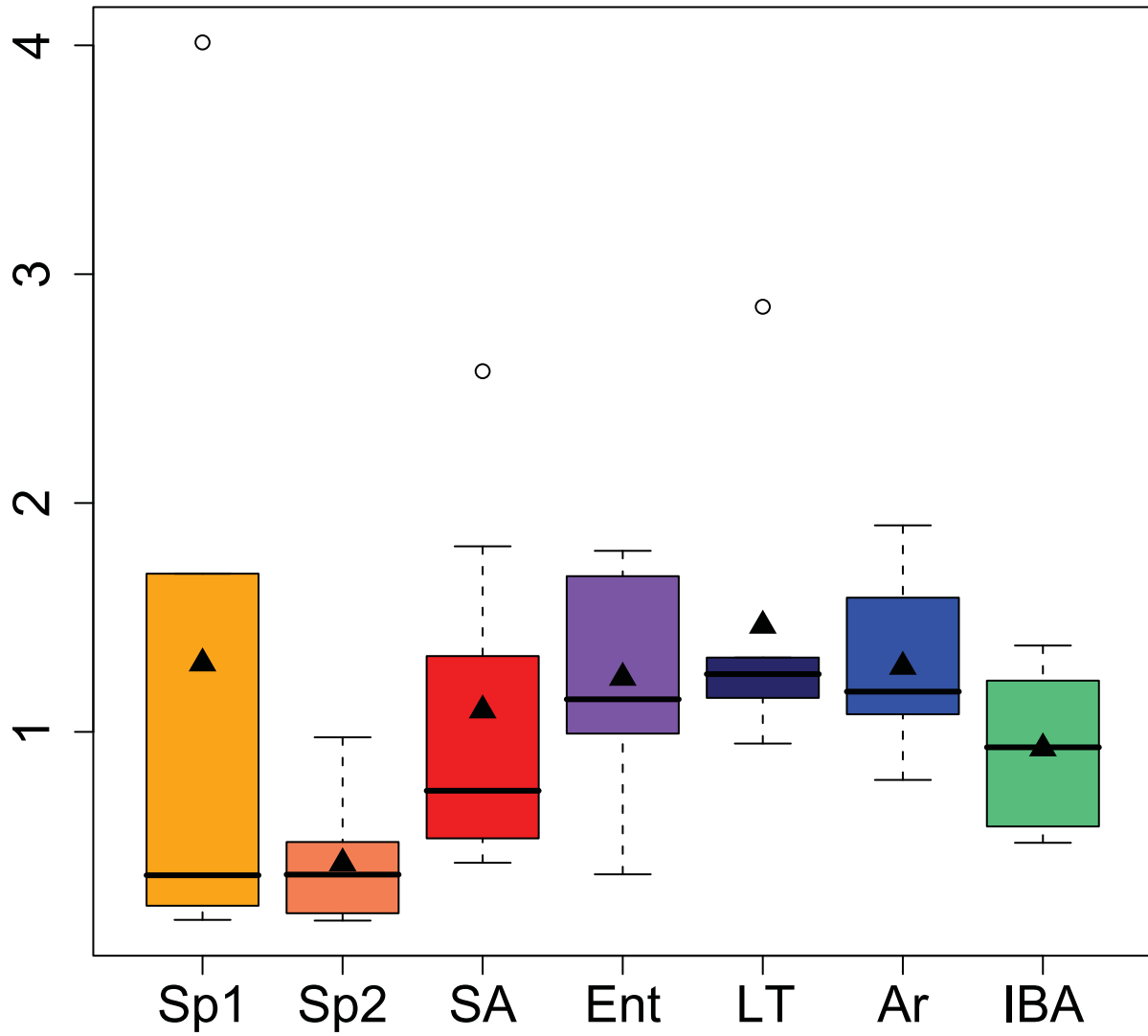
# 1-oleoylglycerophosphocholine



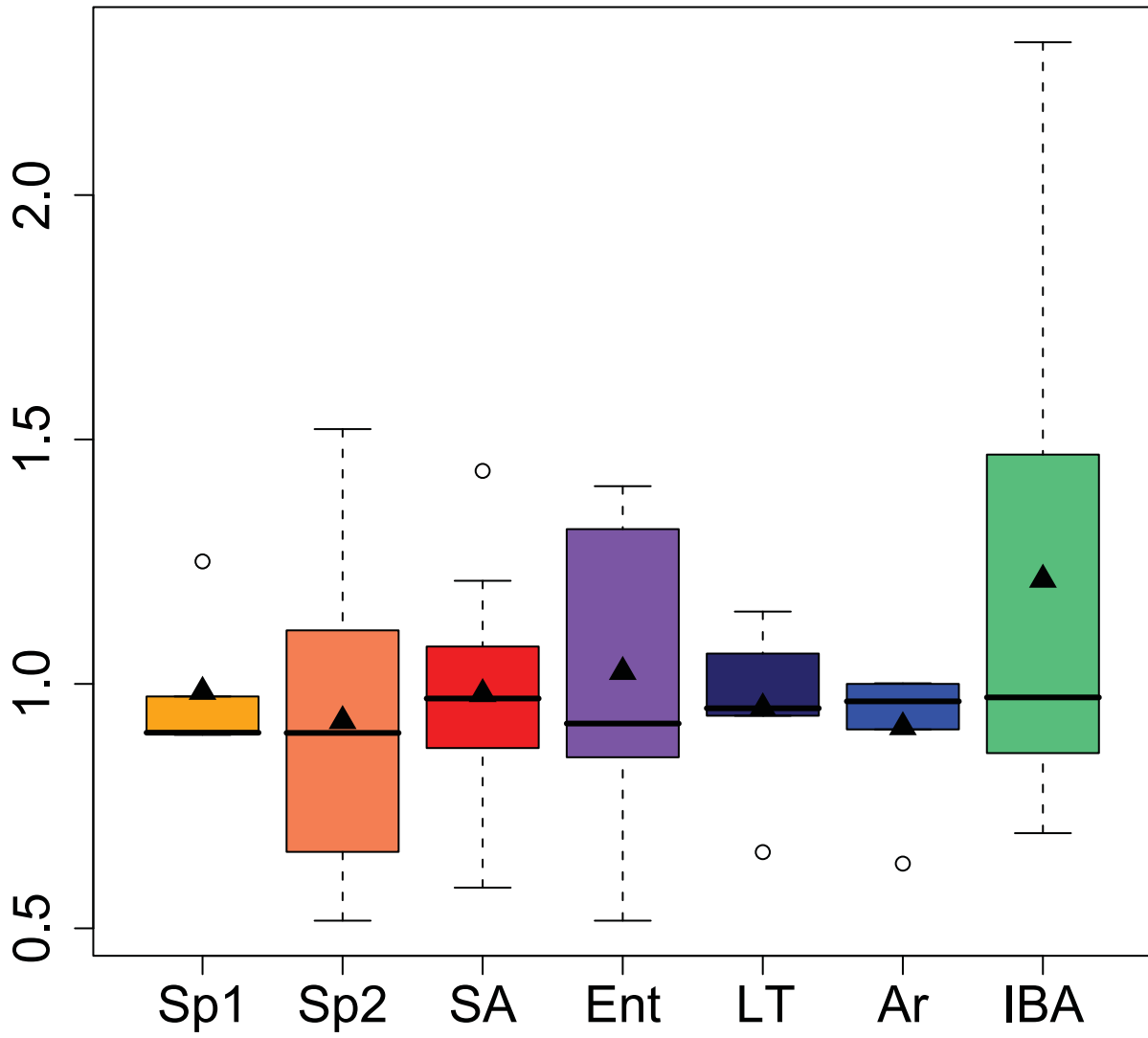
# 1-oleoylglycerophosphoethanolamine



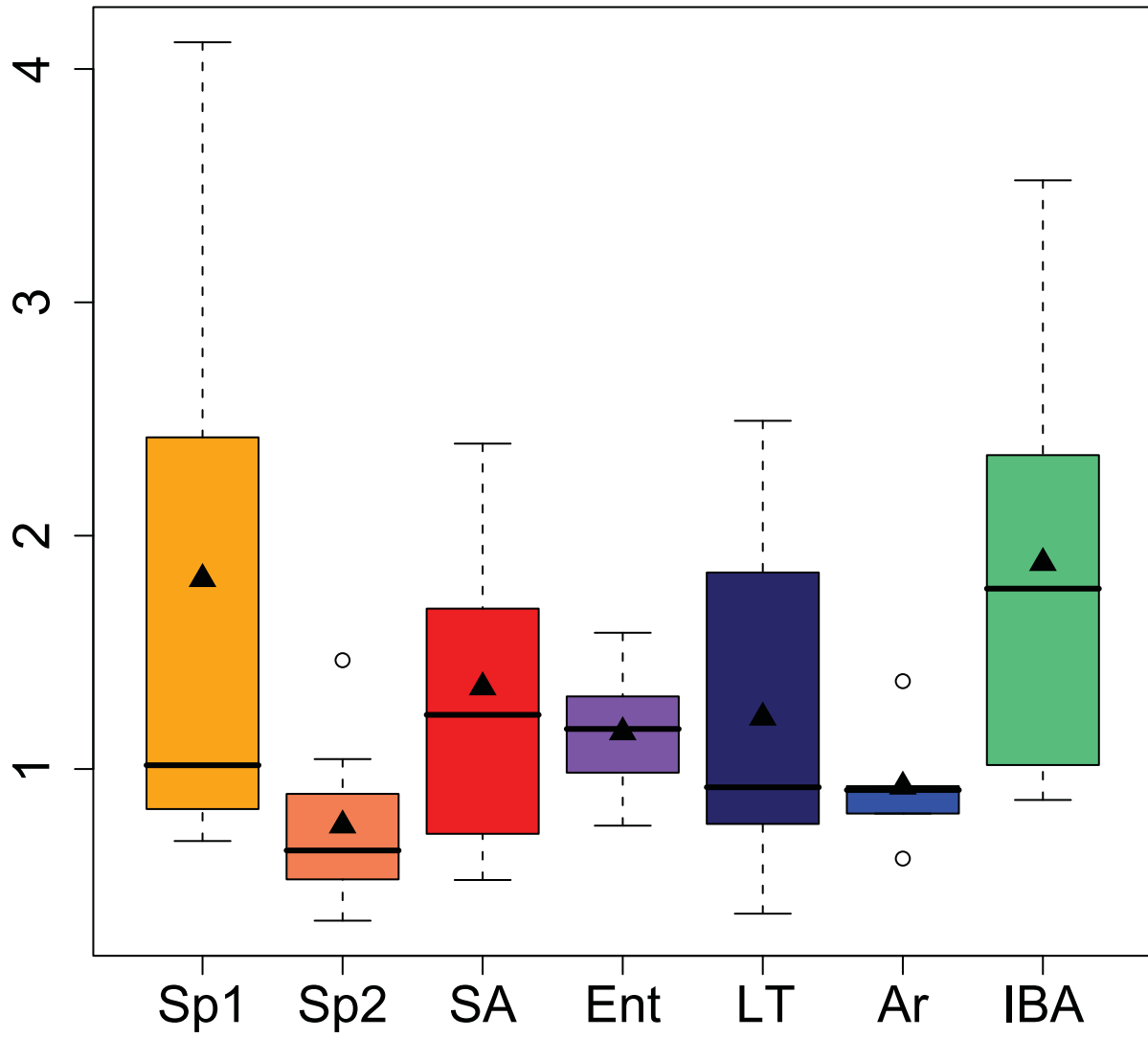
# 1-palmitoleoylglycerophosphocholine\*



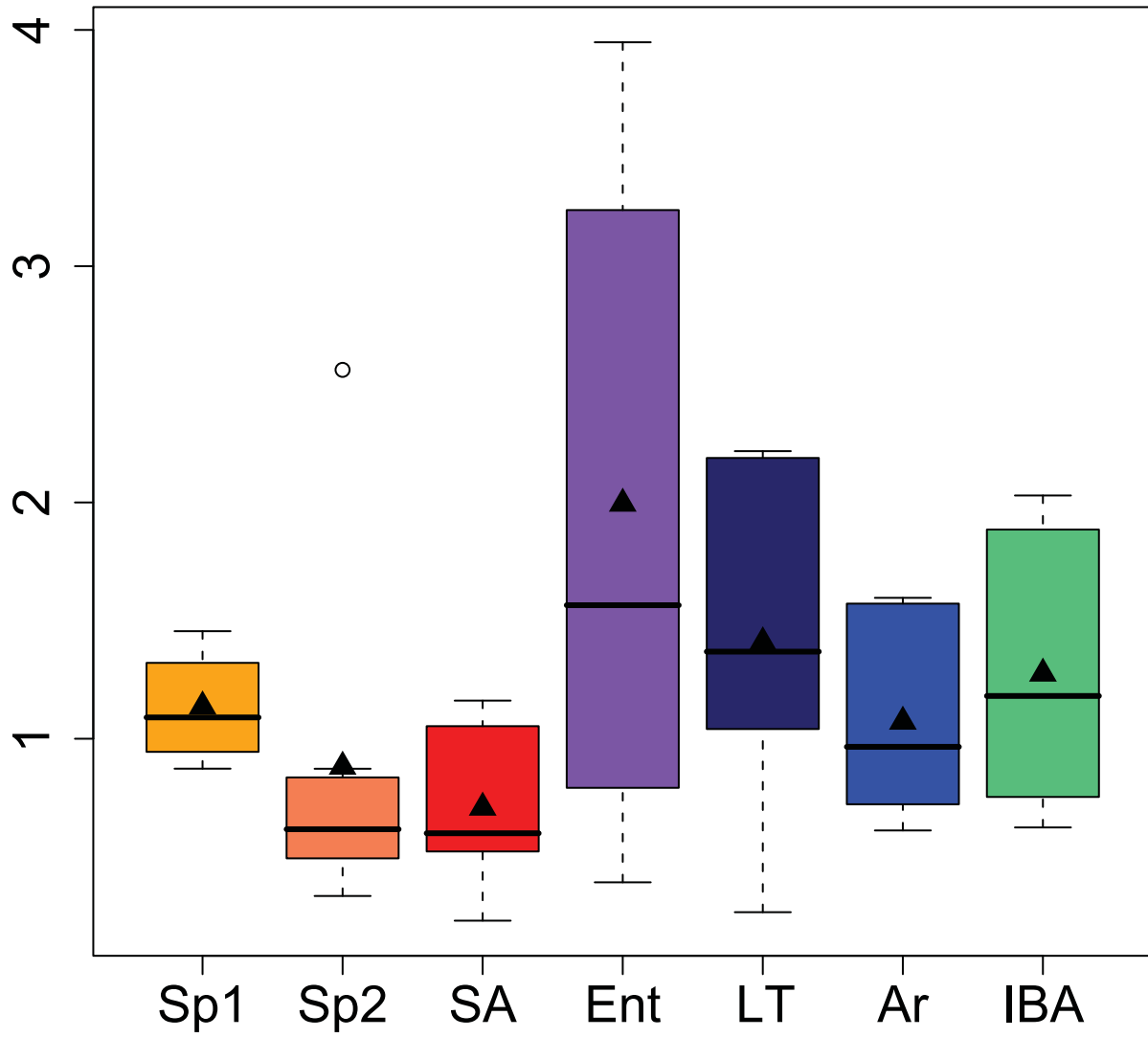
# 1-palmitoylglycerophosphocholine



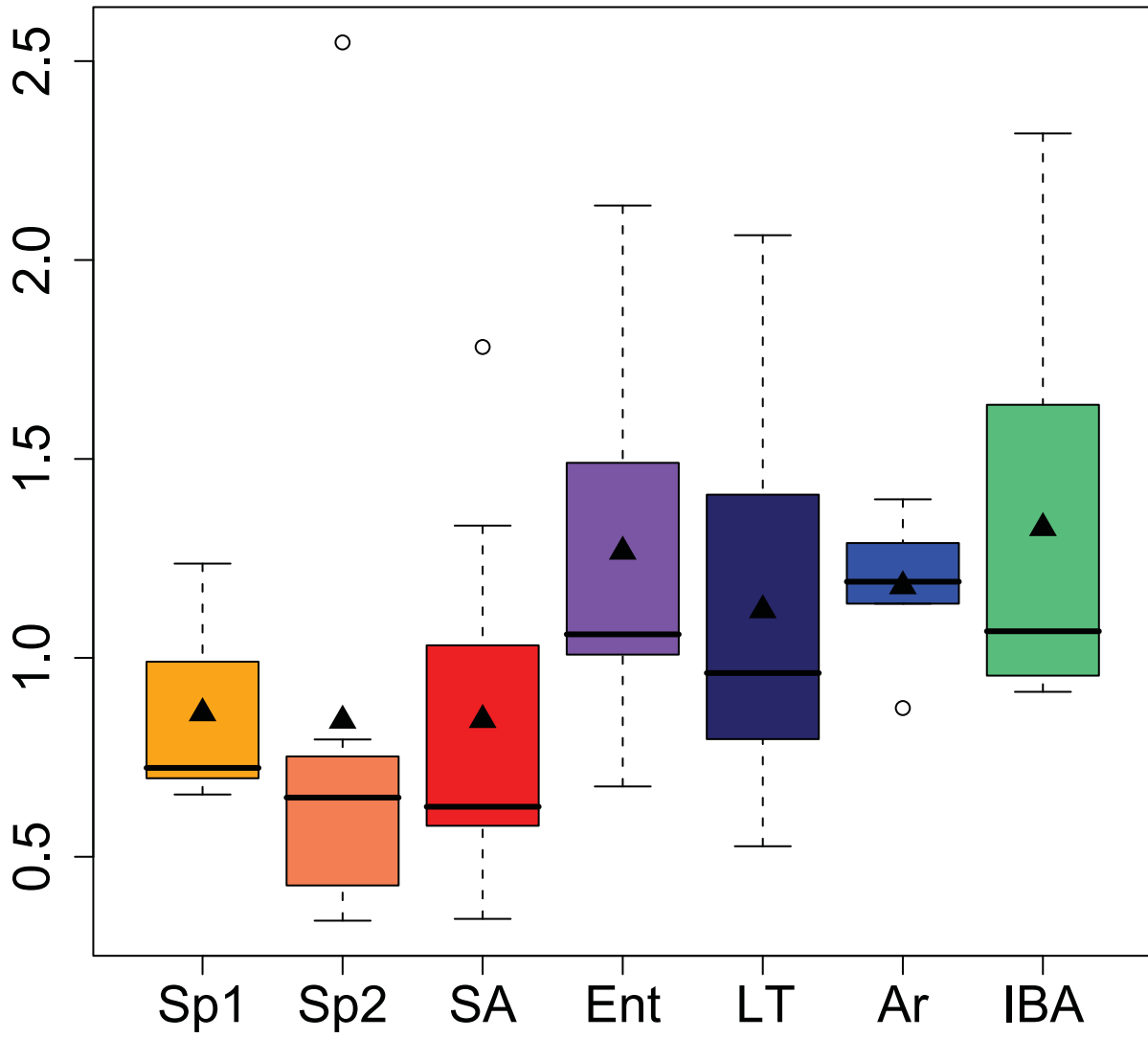
# 1-palmitoylglycerophosphoethanolamine



# 1-palmitoylglycerophosphoinositol-

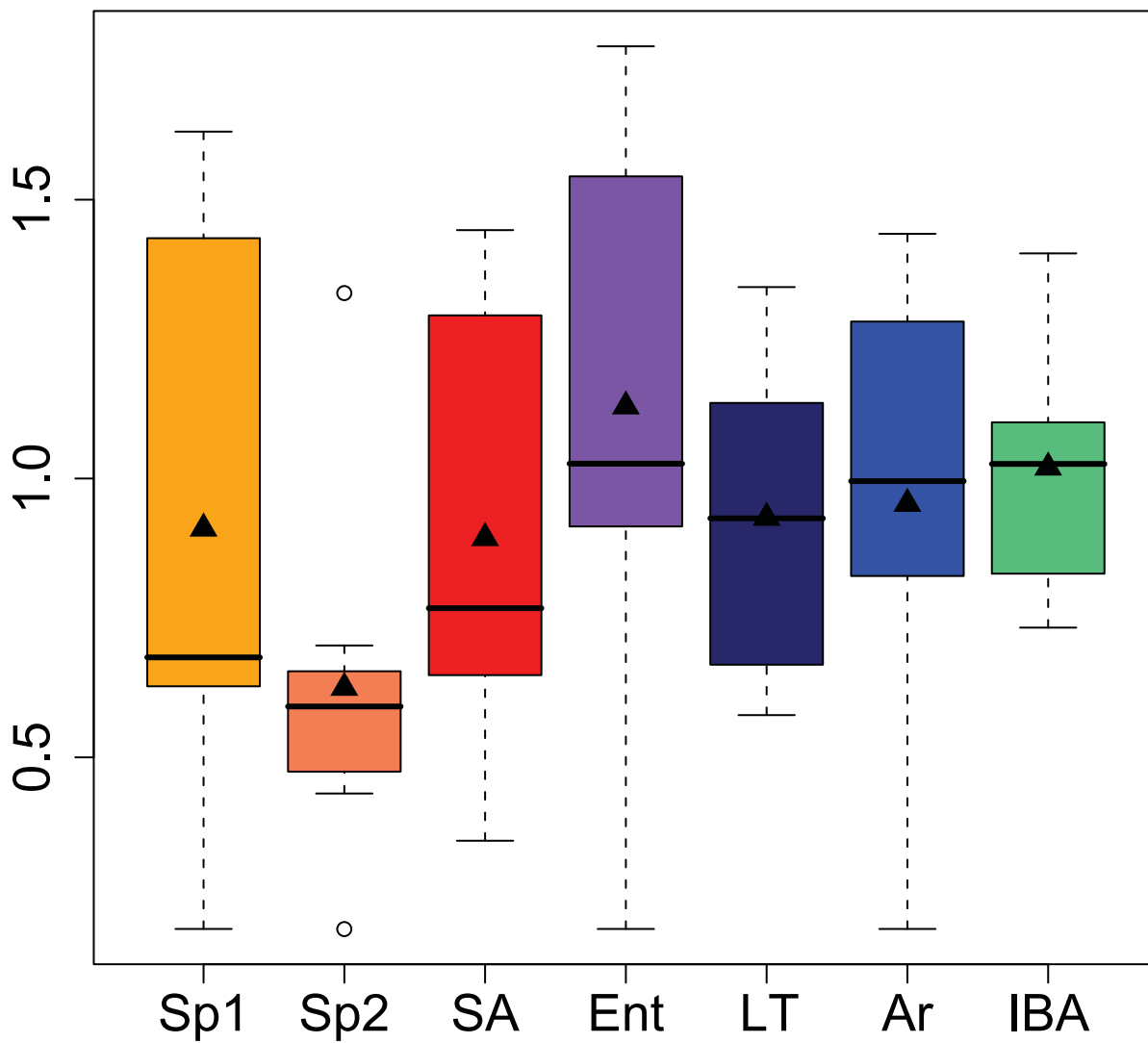


# 1-stearoylglycerophosphocholine

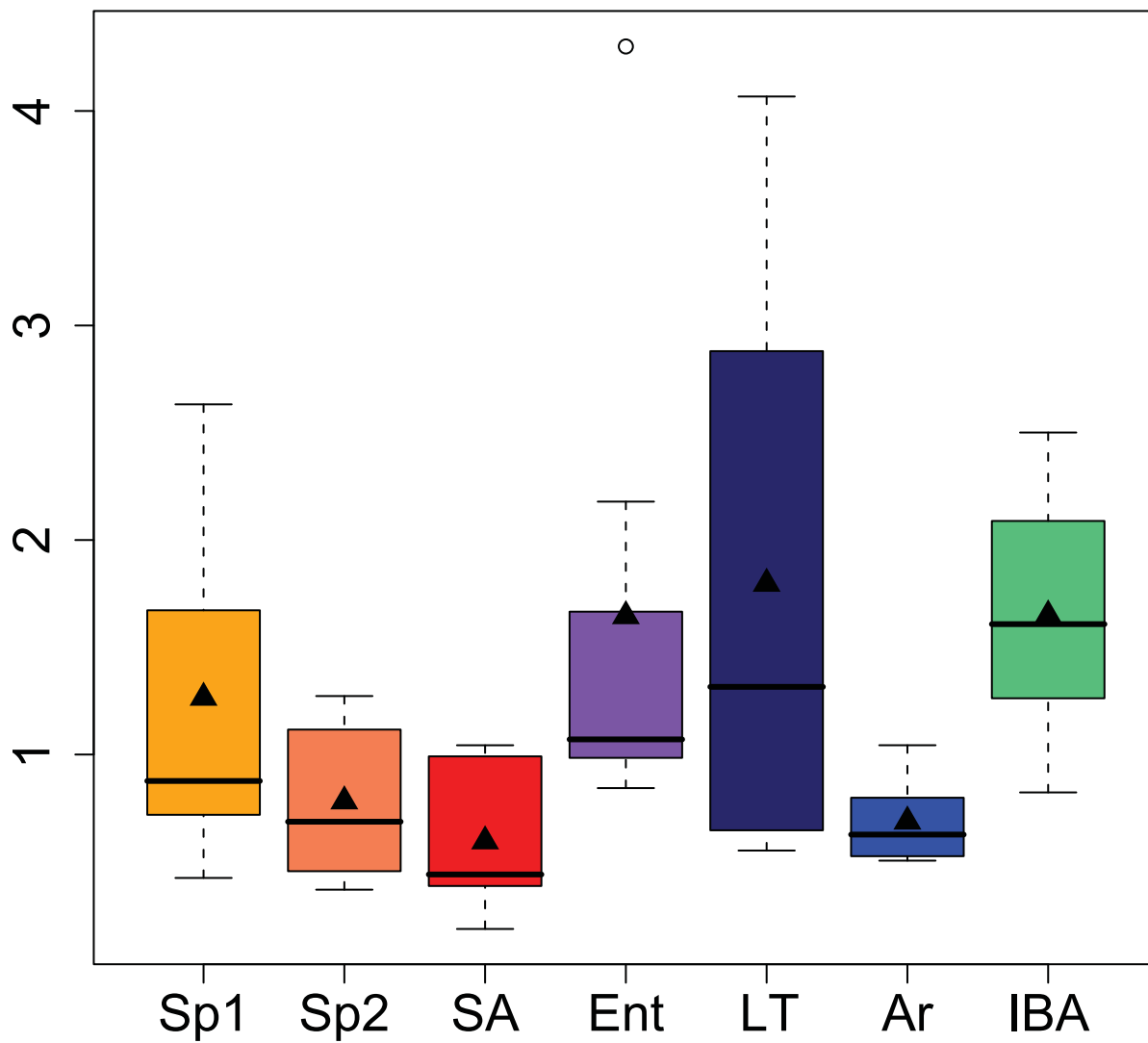




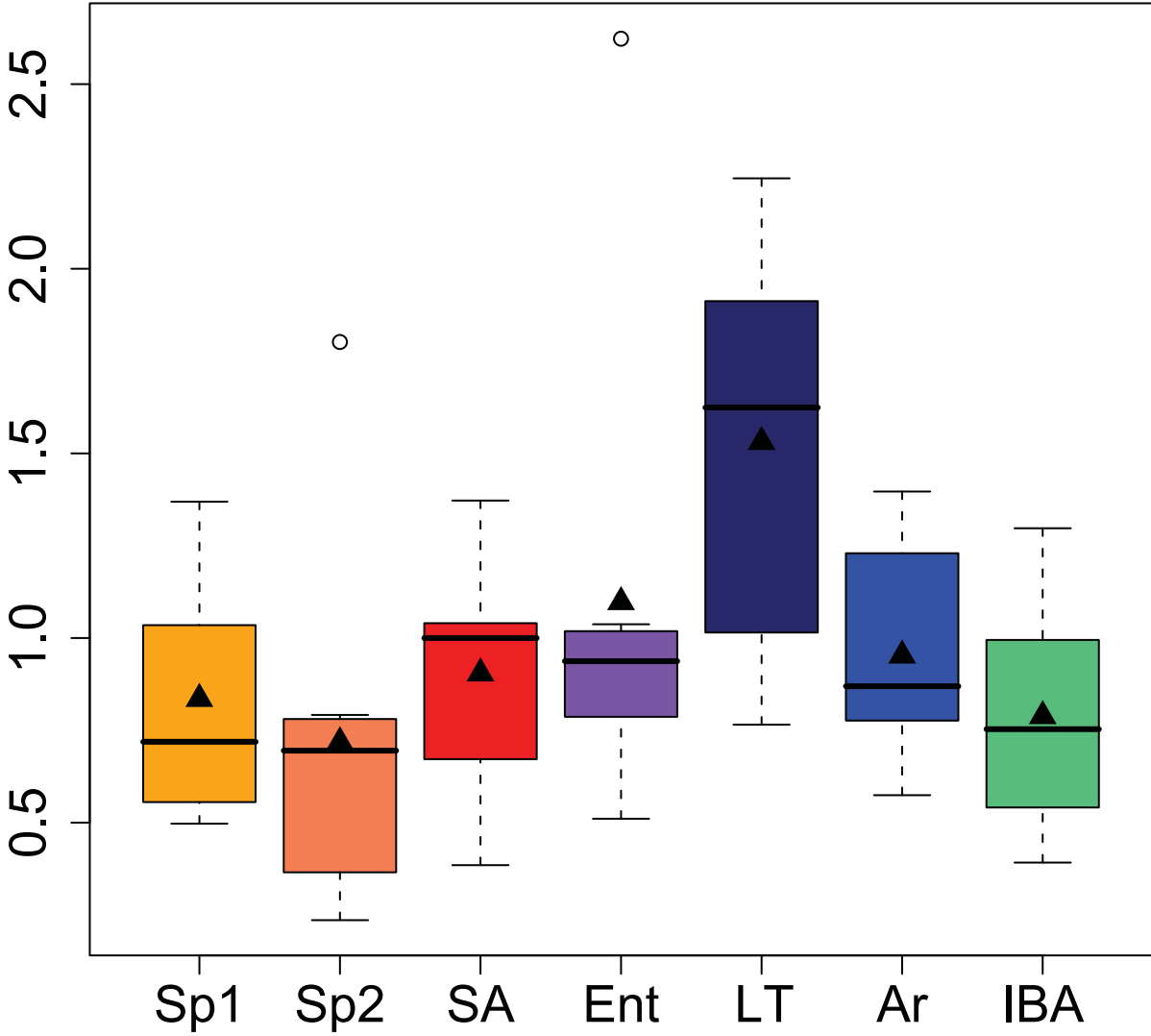
# 1-stearoylglycerophosphoethanolamine



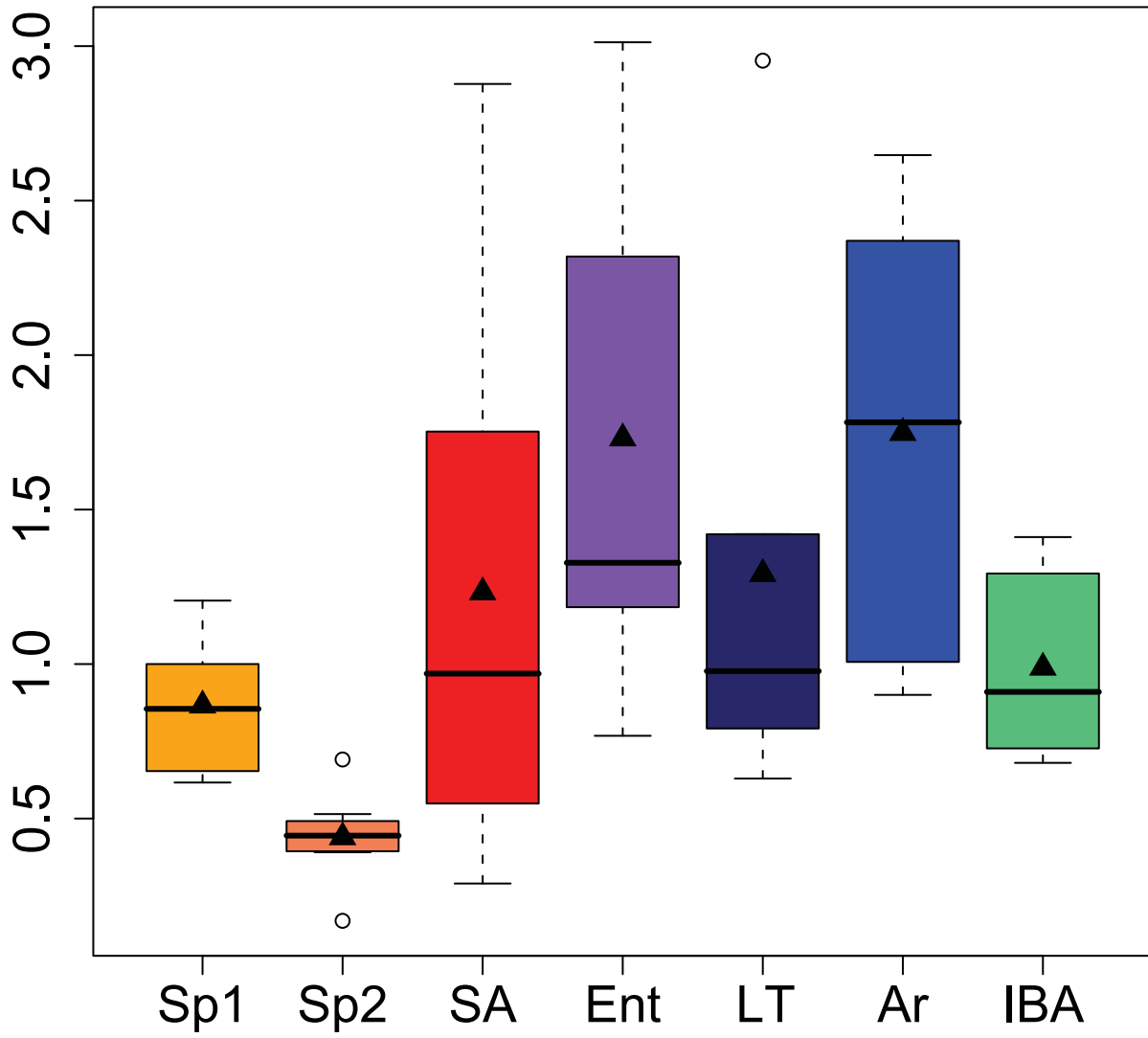
# 1-stearoylglycerophosphoinositol



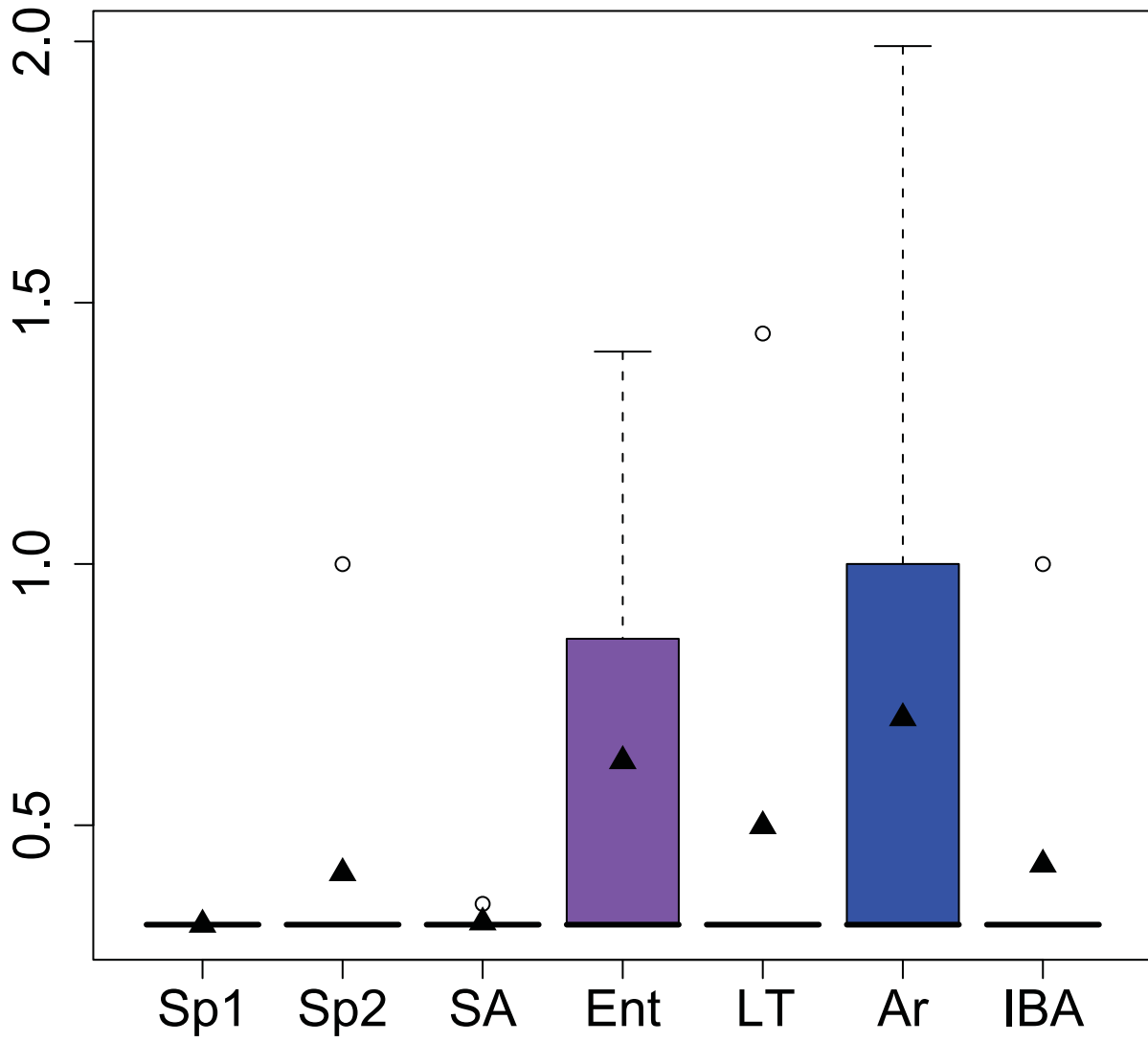
2-arachidonoylglycerophosphocholine\*



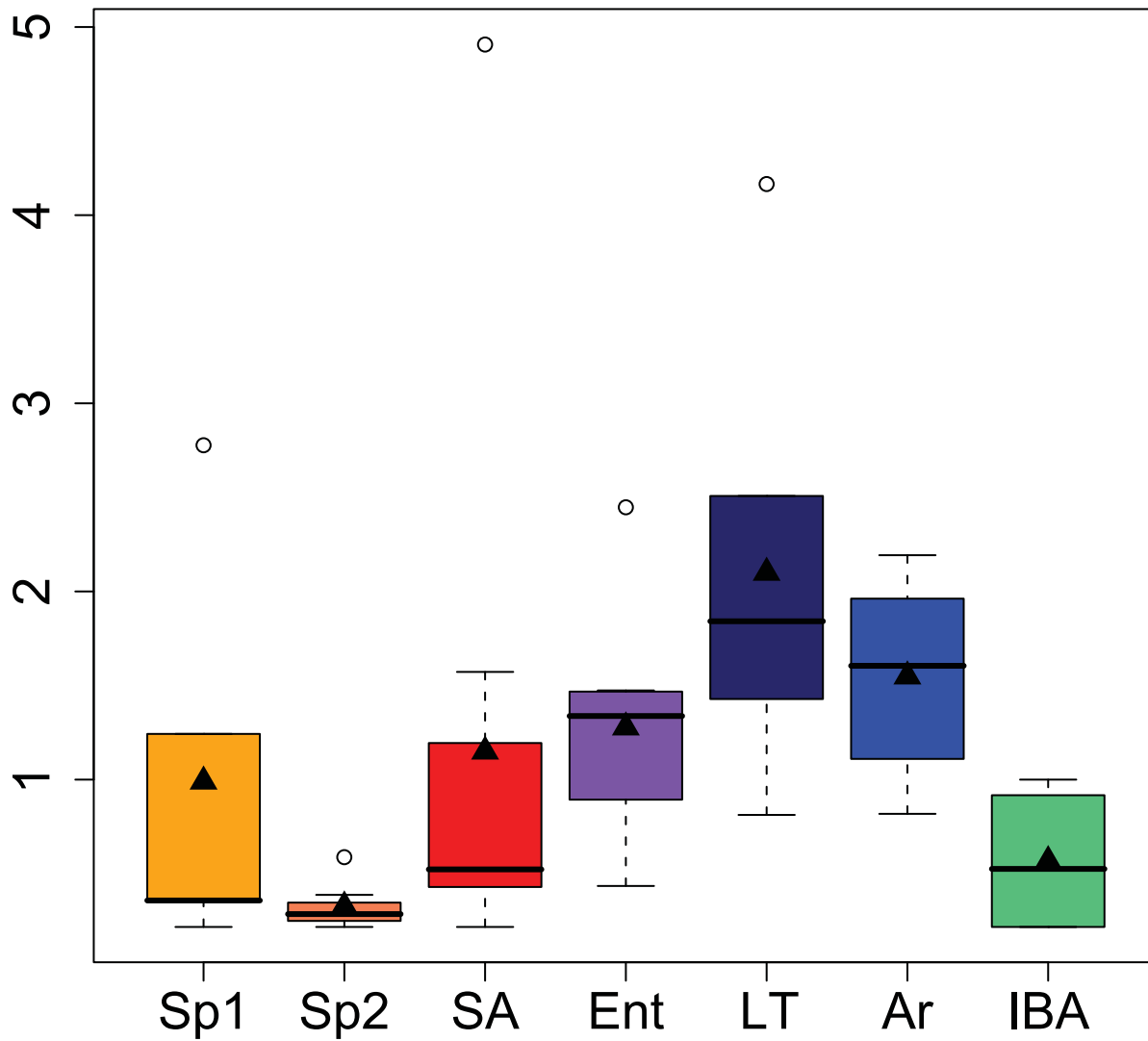
# 2-arachidonoylglycerophosphoethanolamine-



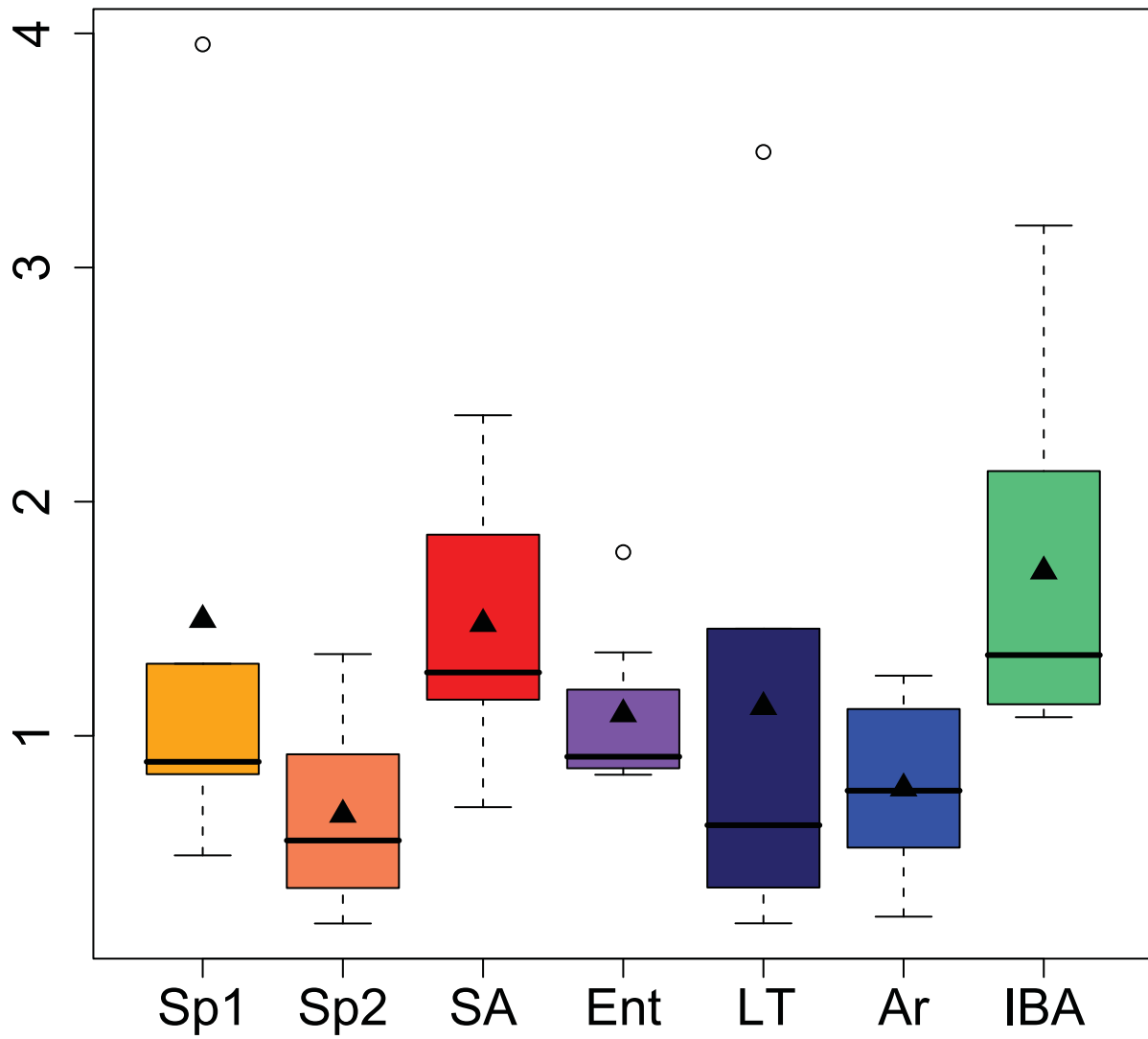
2-linoleoylglycerophosphocholine\*



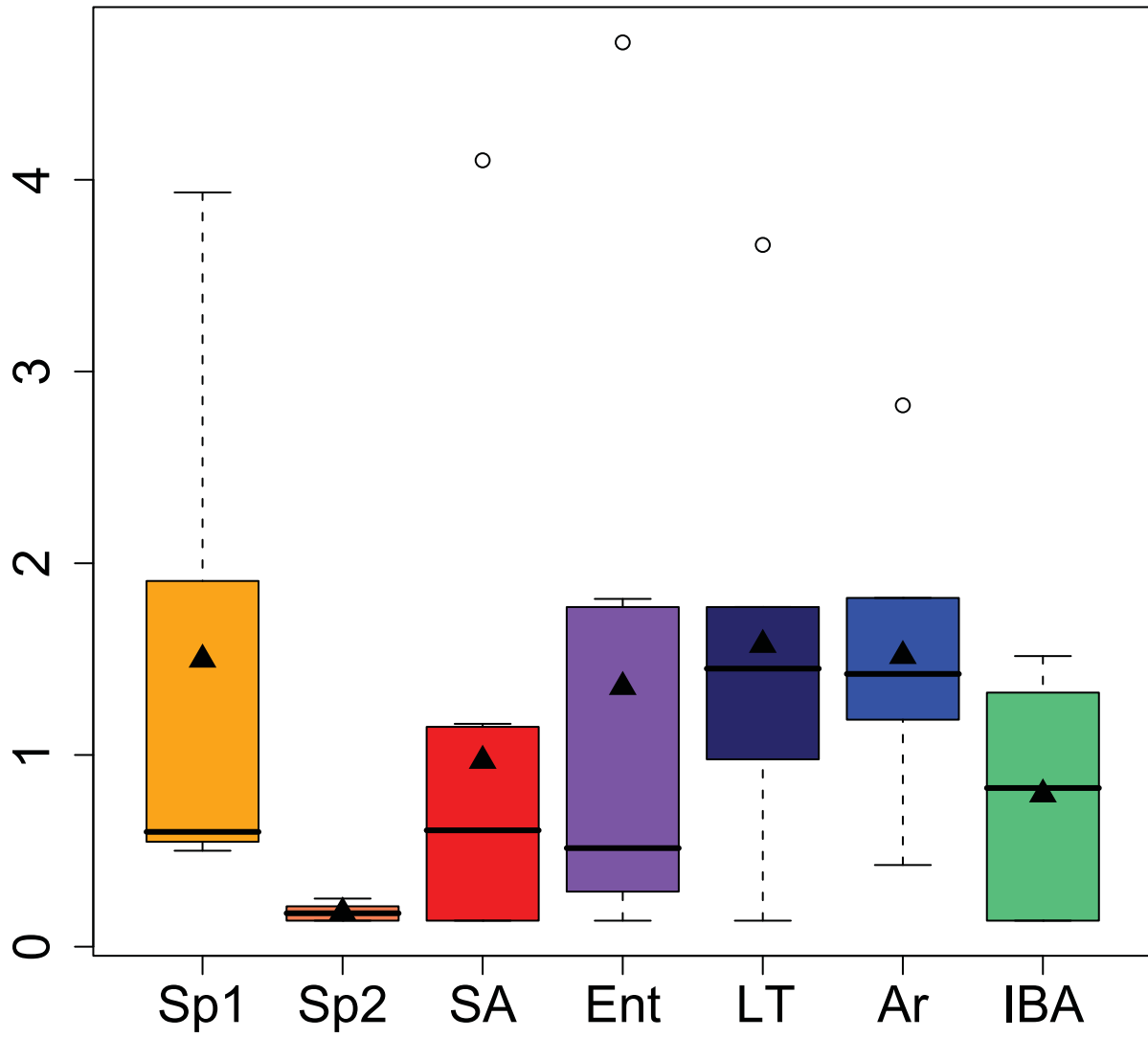
# 2-oleoylglycerophosphocholine\*



## 2-oleoylglycerophosphoethanolamine-

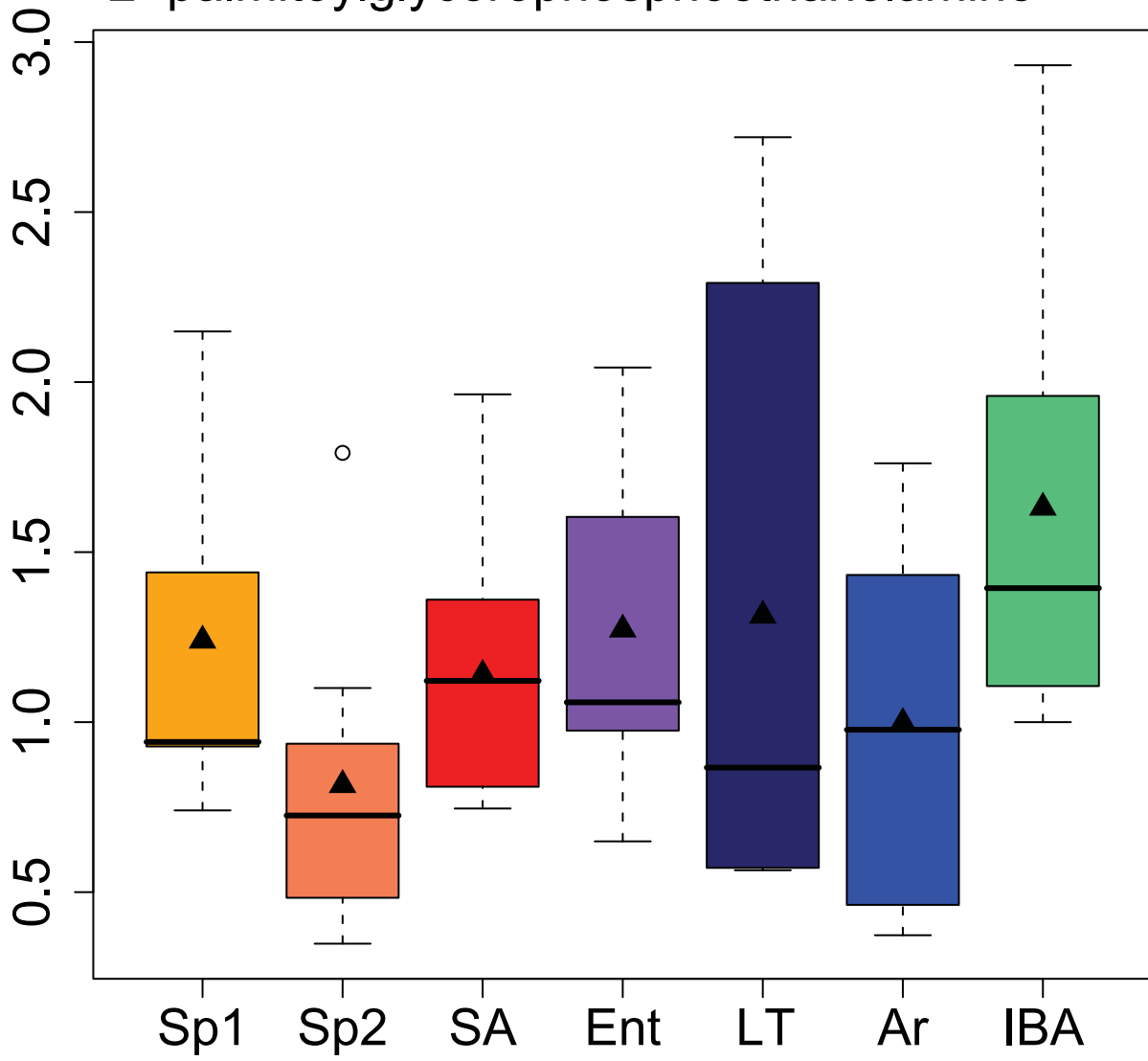


# 2-palmitoylglycerophosphocholine\*

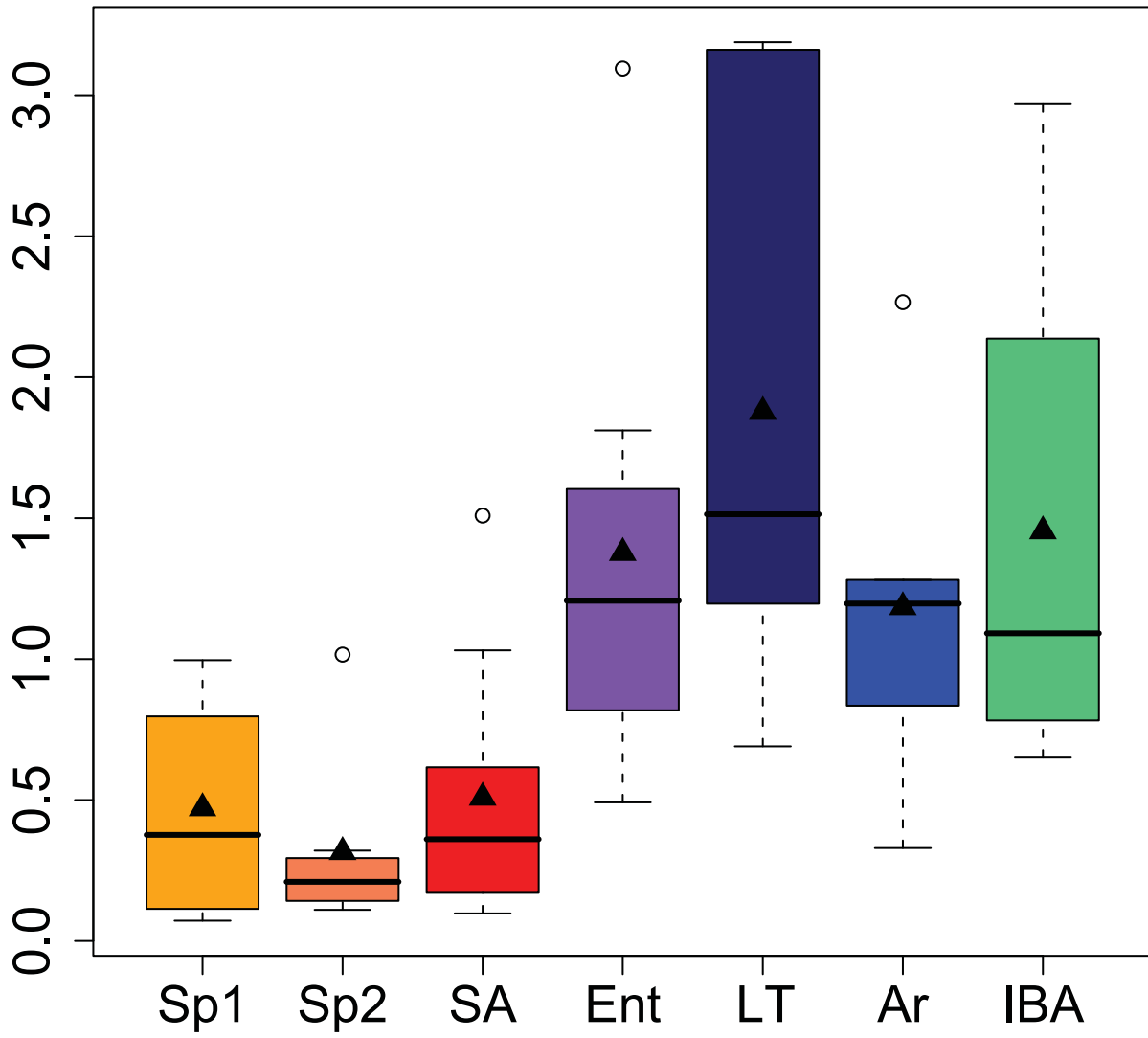




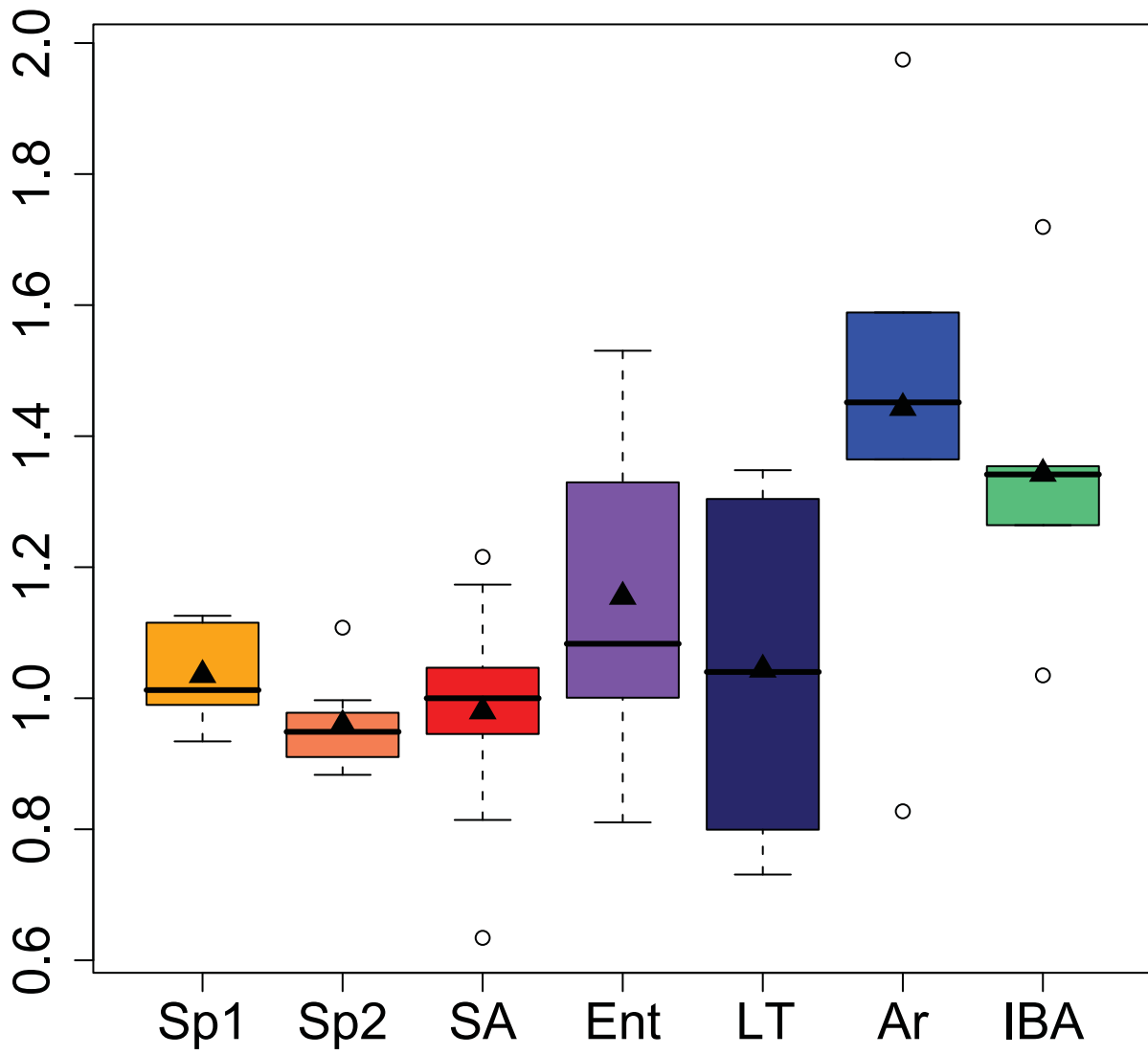
2-palmitoylglycerophosphoethanolamine-



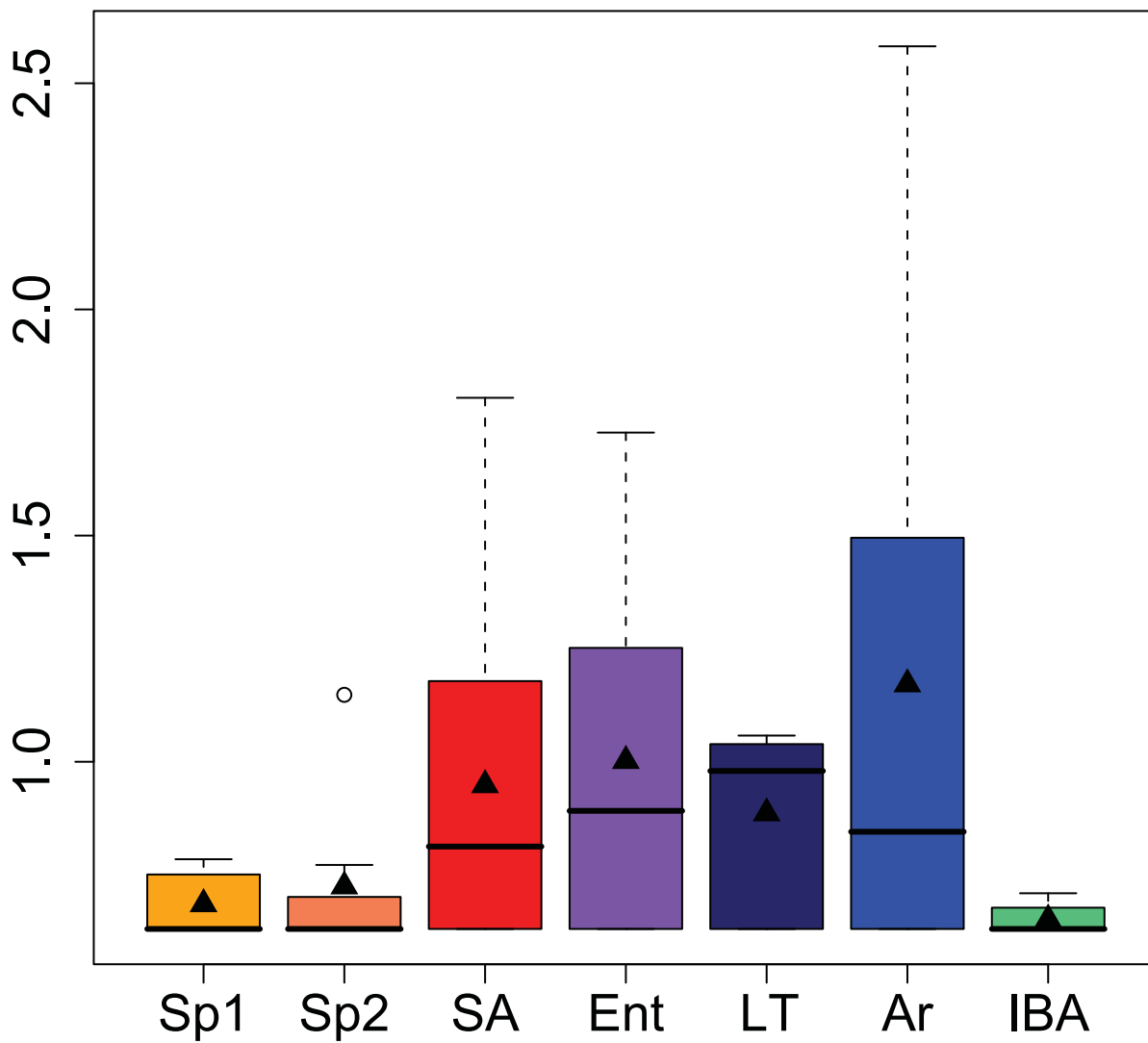
# 2-stearoylglycerophosphocholine\*



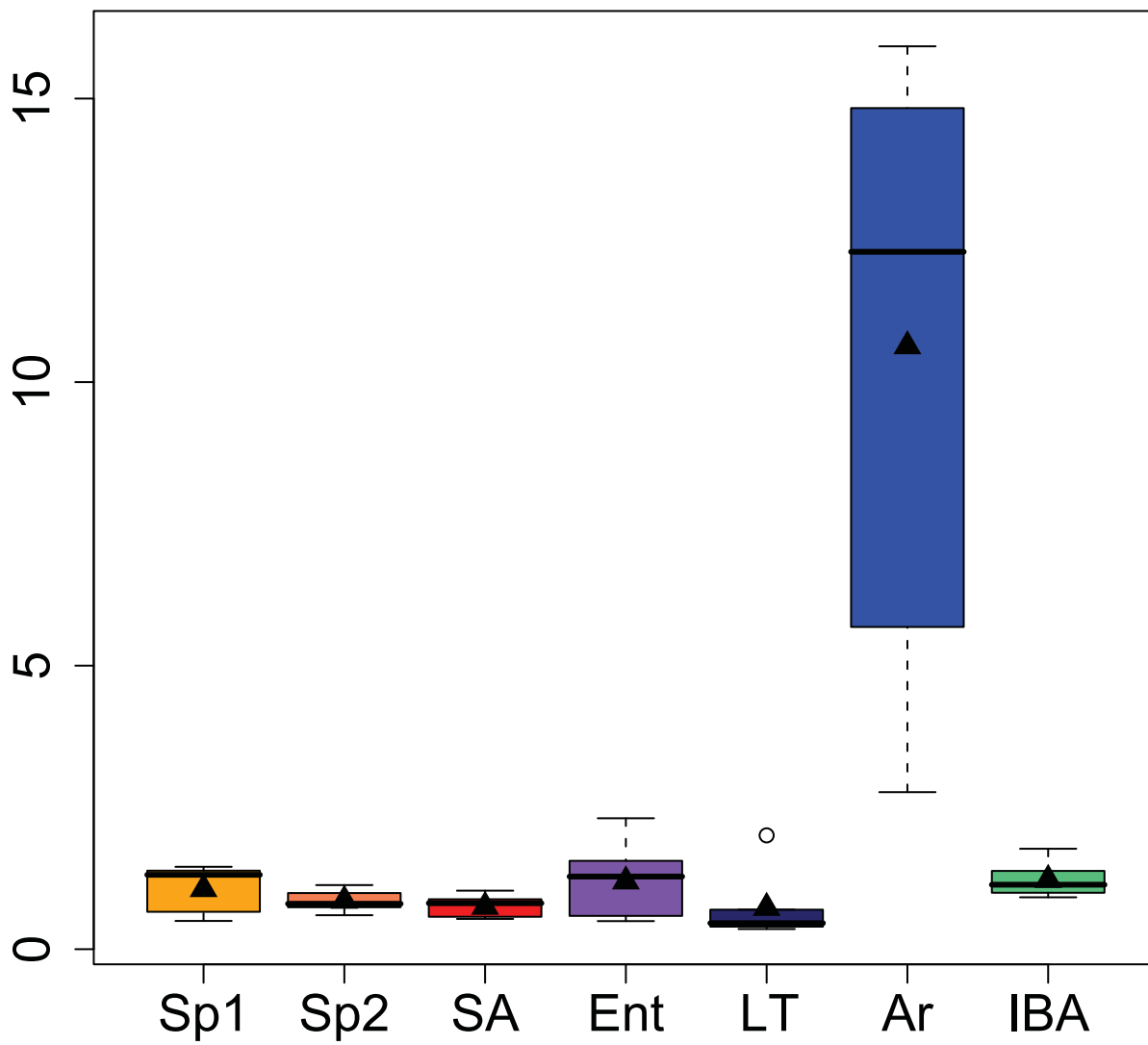
# choline



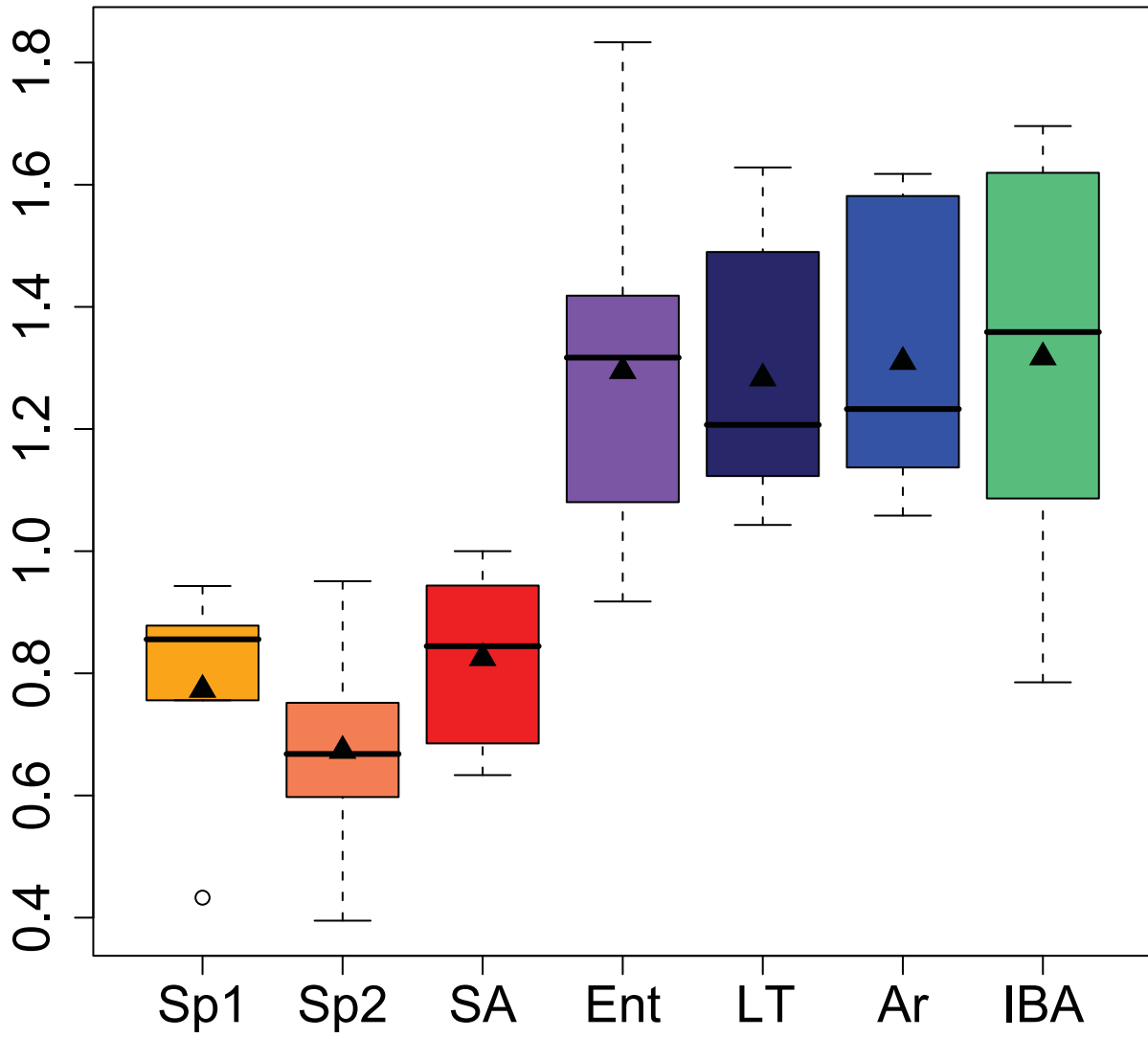
# diisopropanolamine



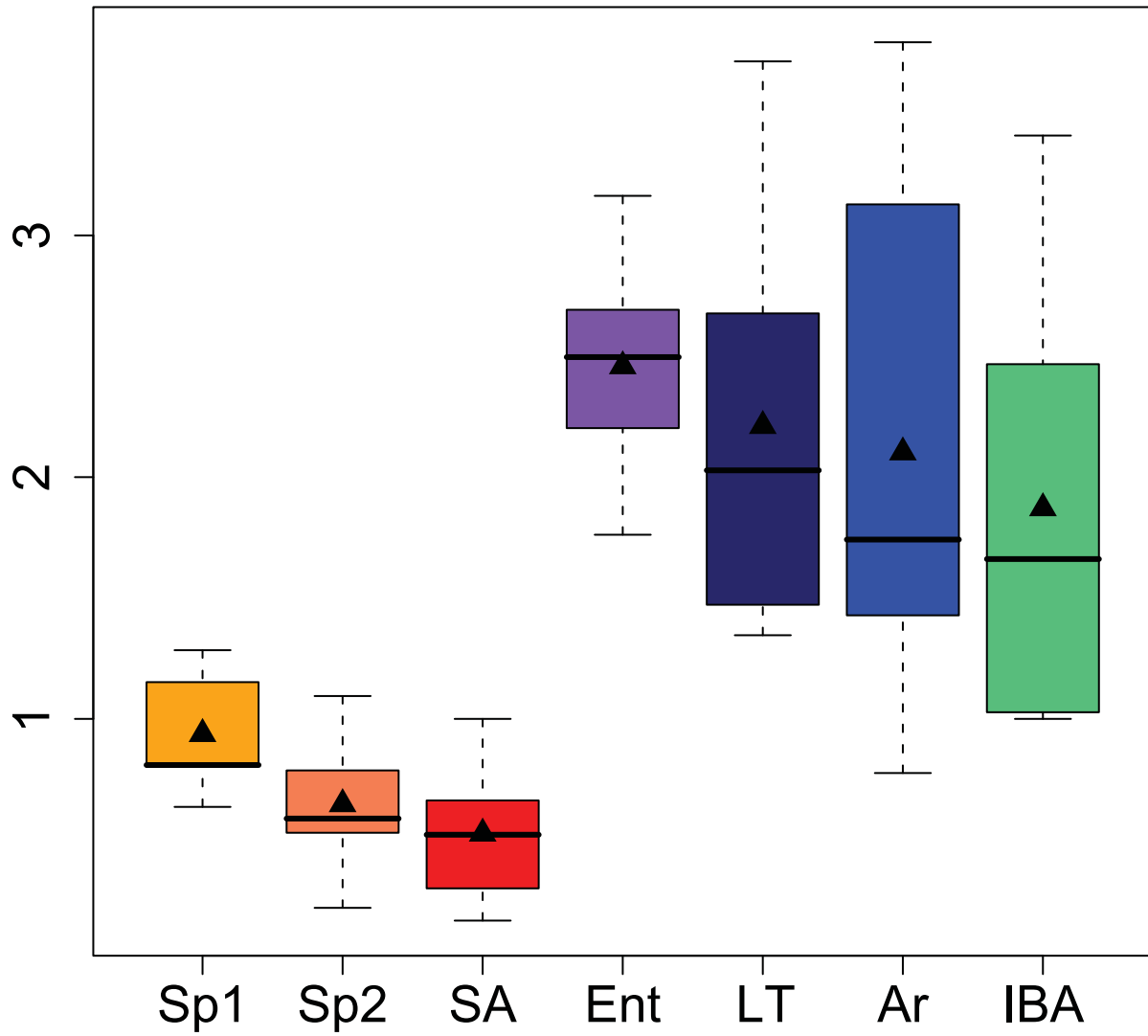
# glycerol



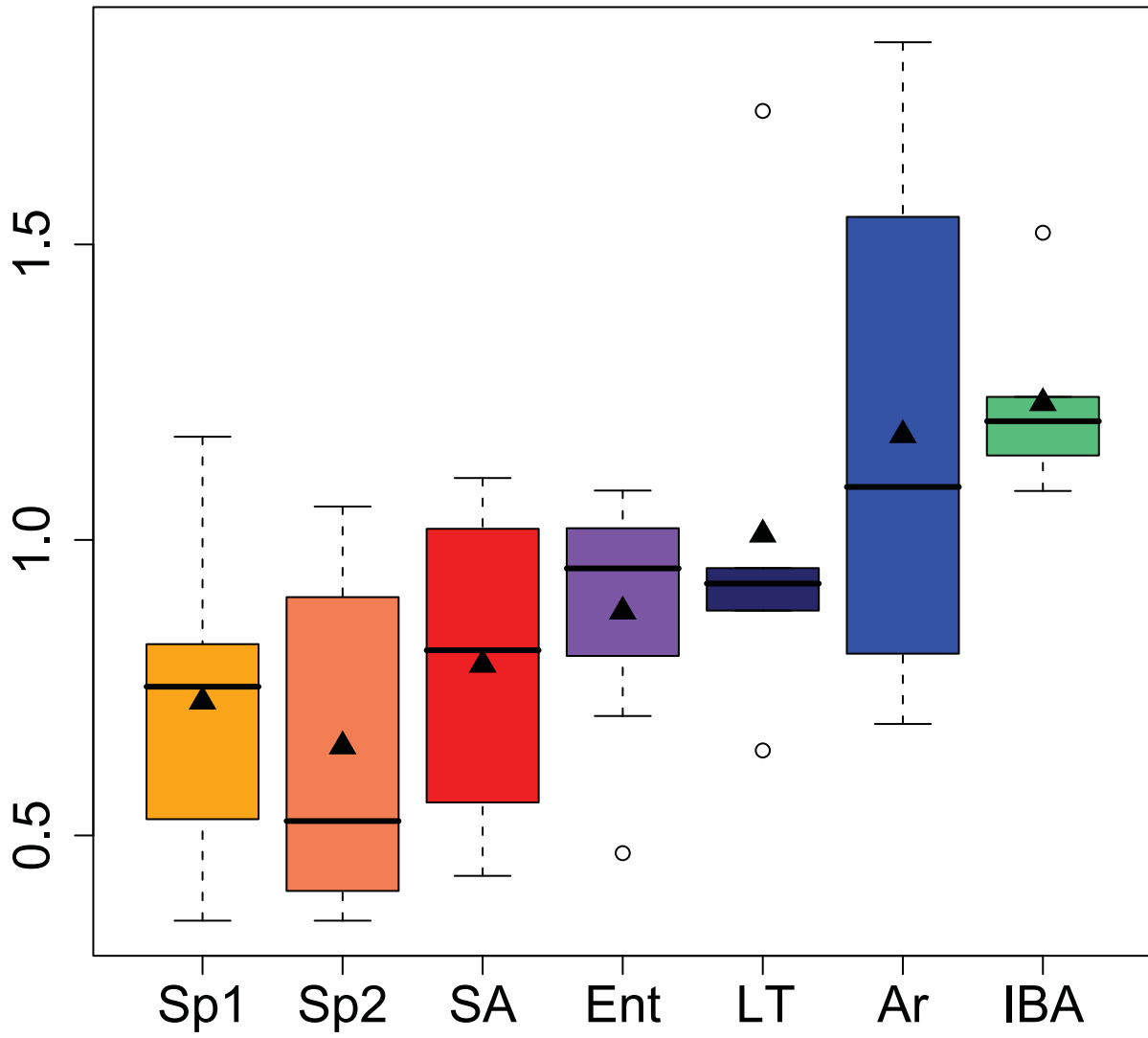
# glycerol 3-phosphate (G3P)



# glycerophosphorylcholine (GPC)

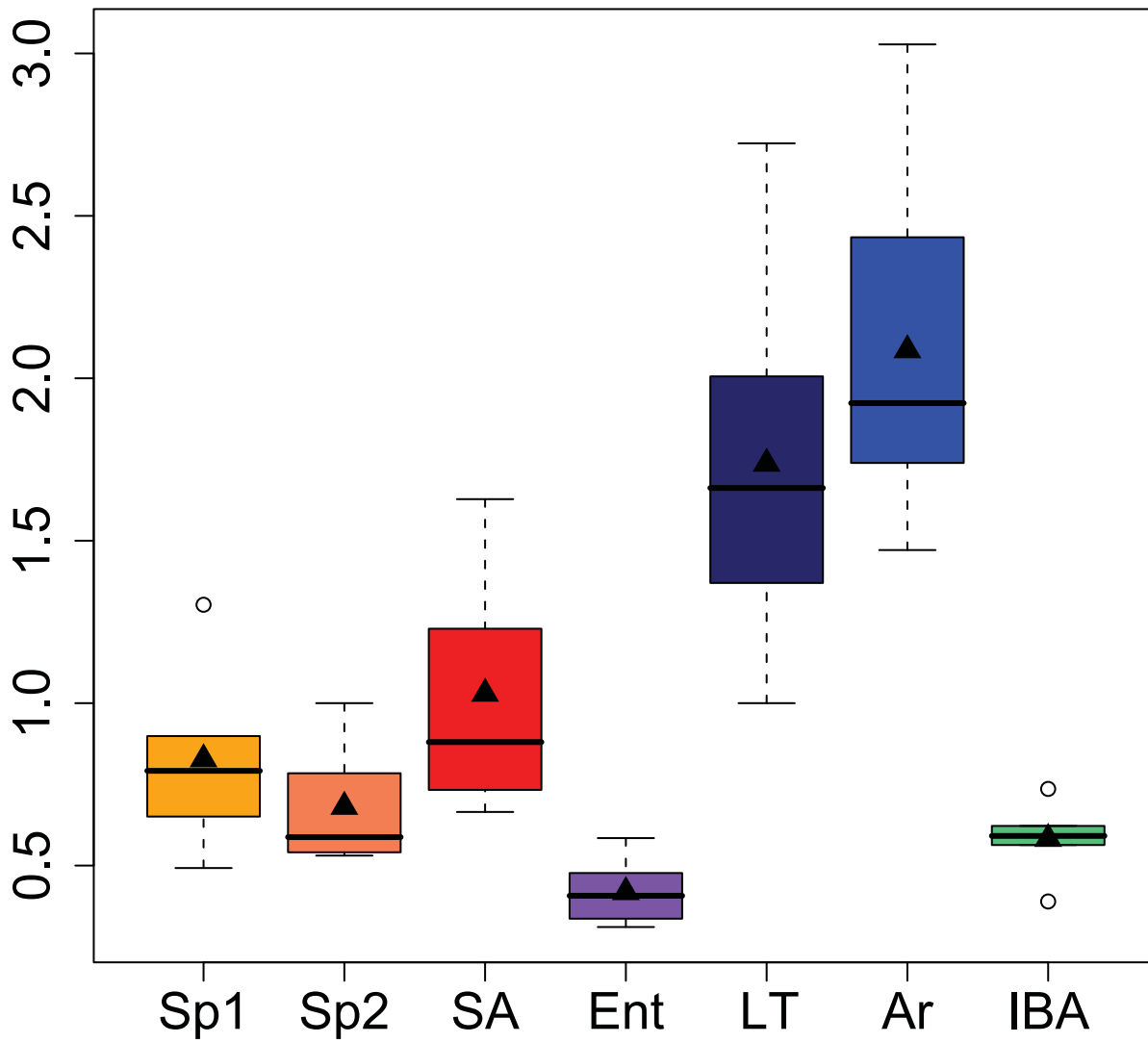


# inositol-1-phosphate (I1P)

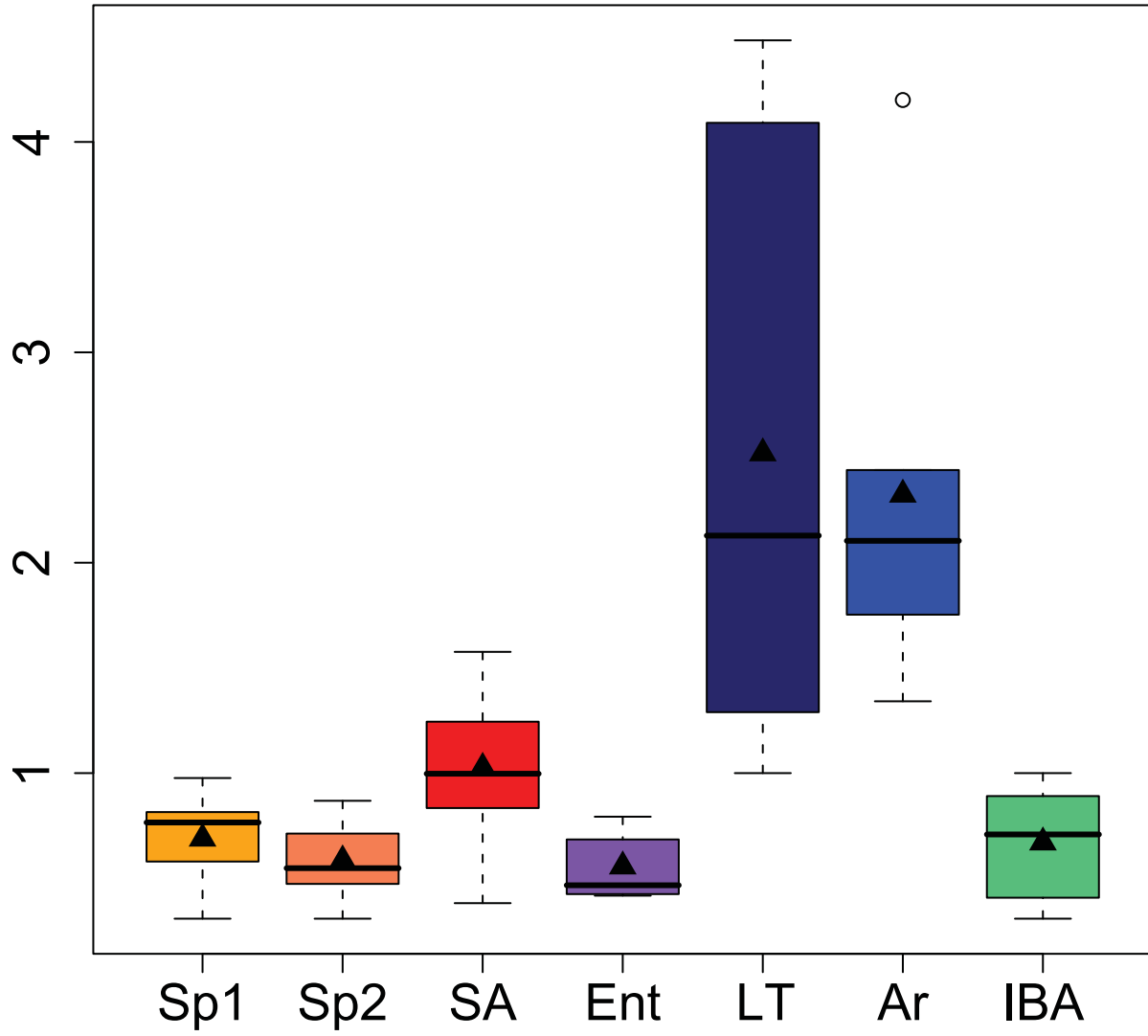




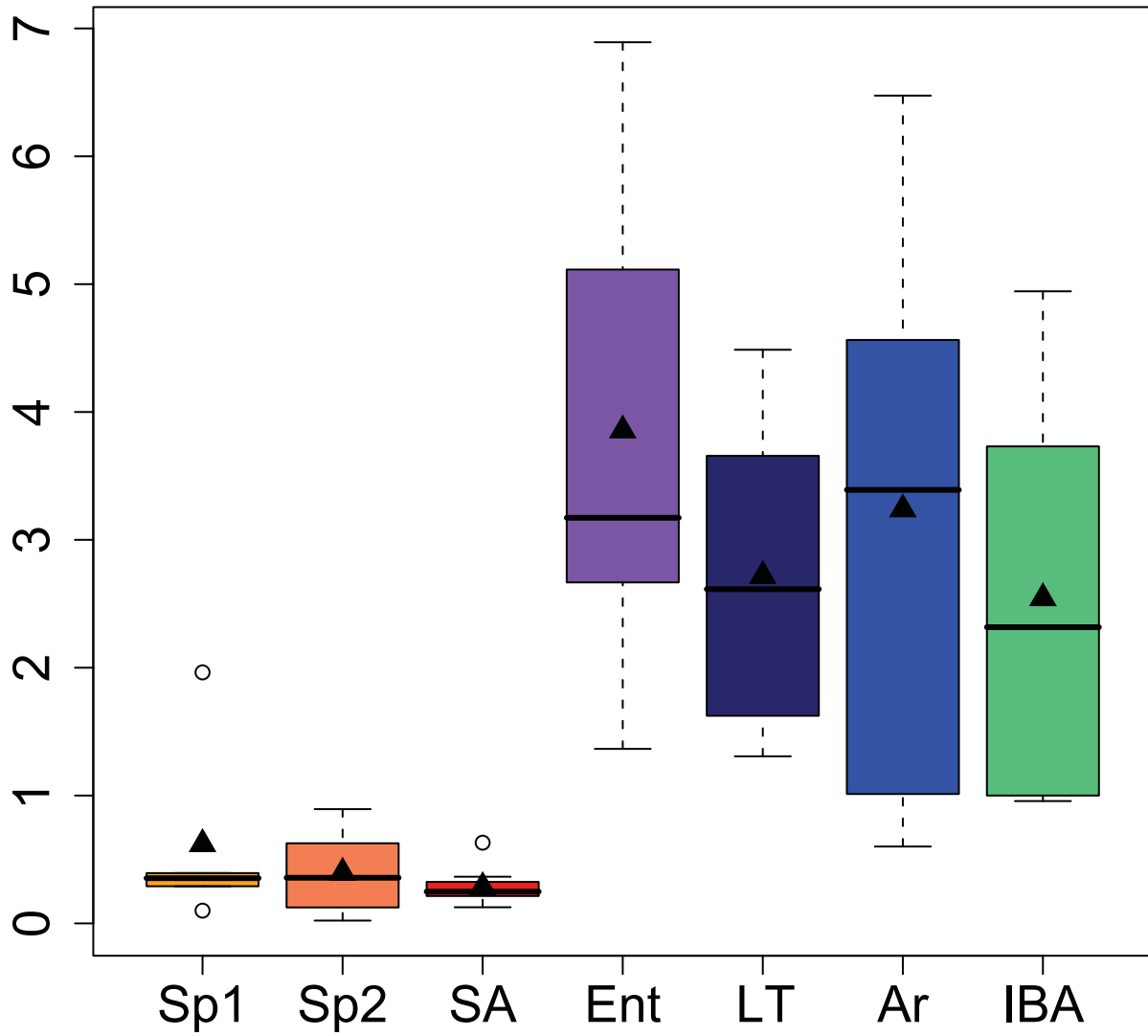
# myo-inositol



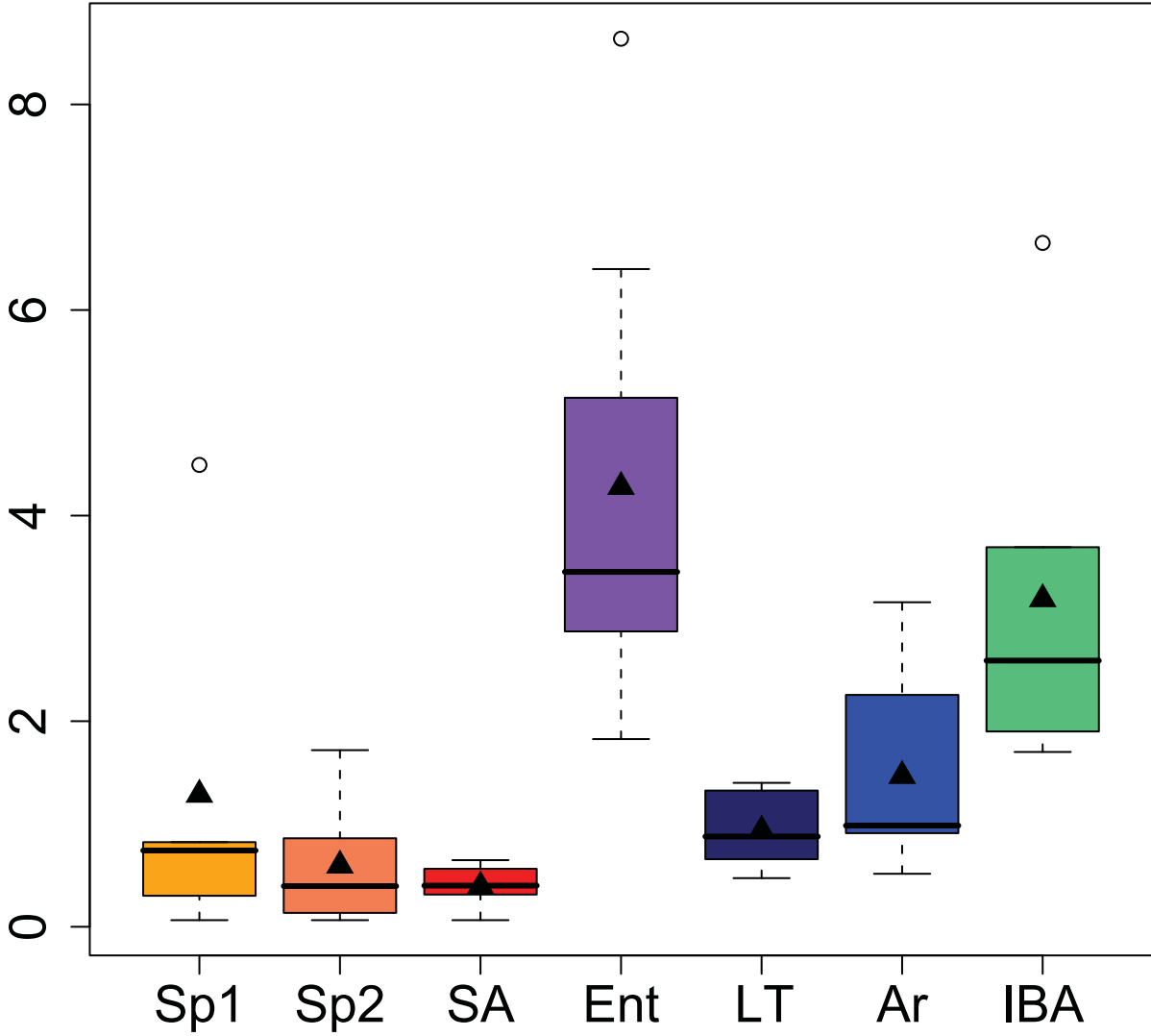
# scyllo-inositol



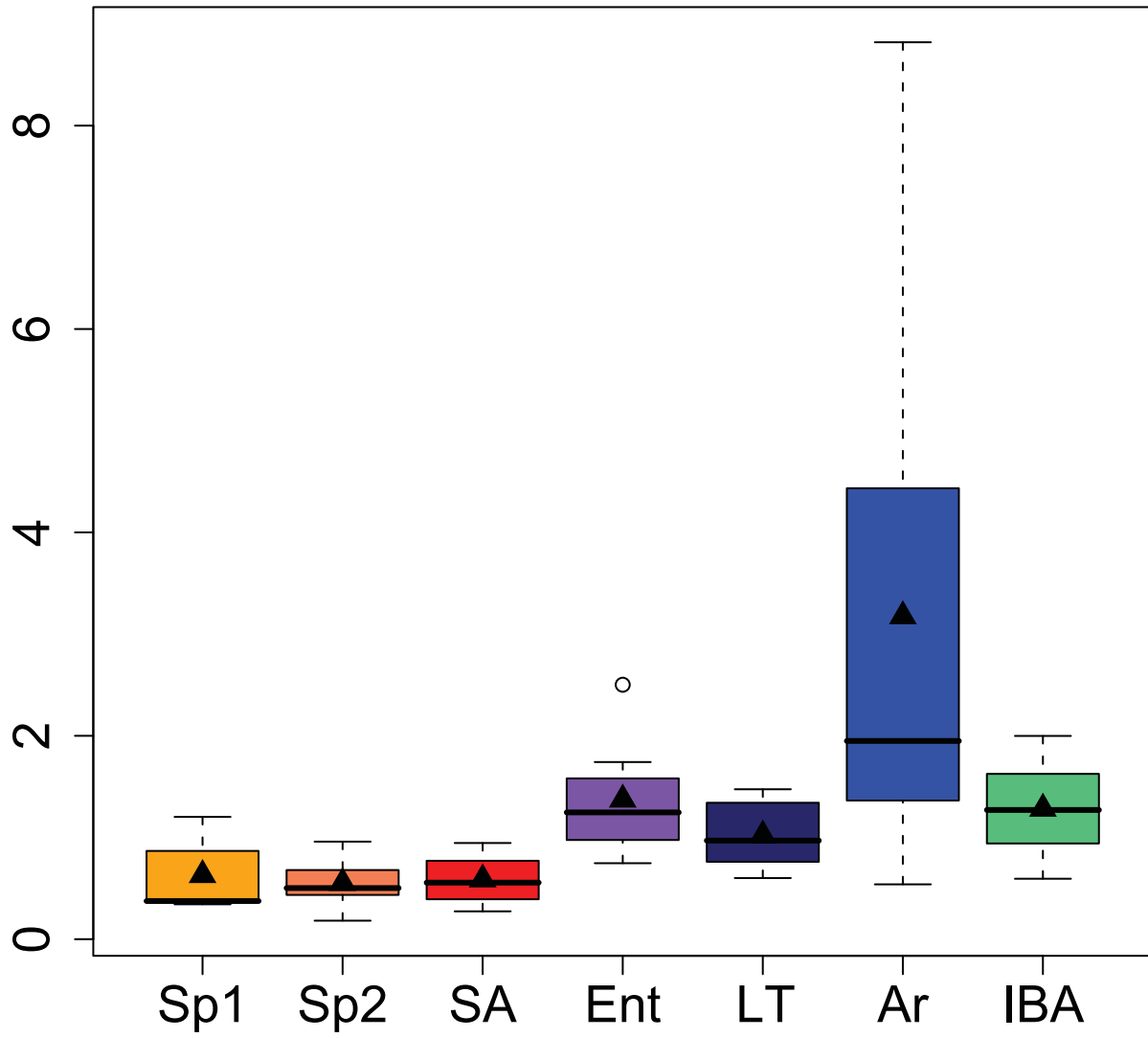
### 3-hydroxybutyrate (BHBA)



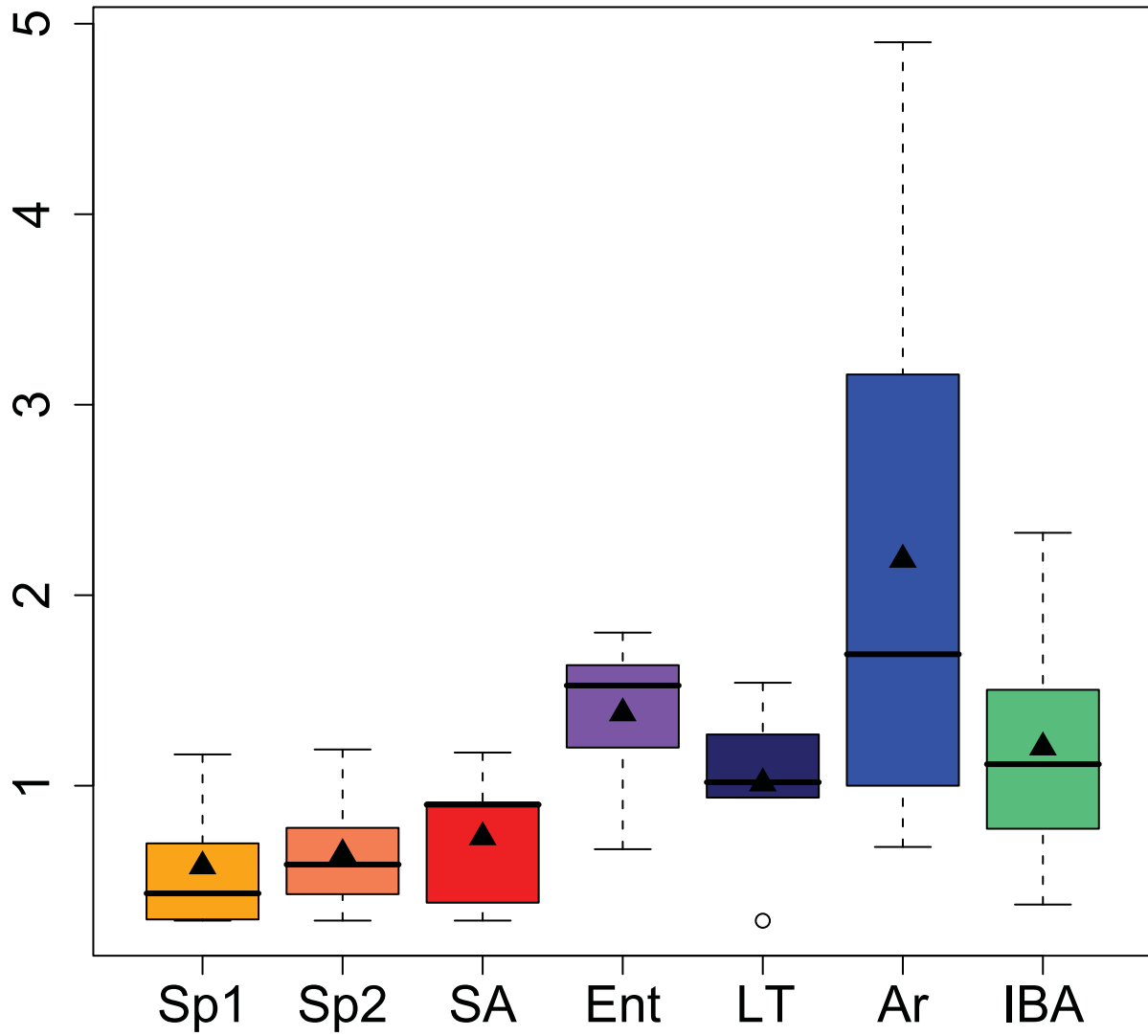
acetoacetate



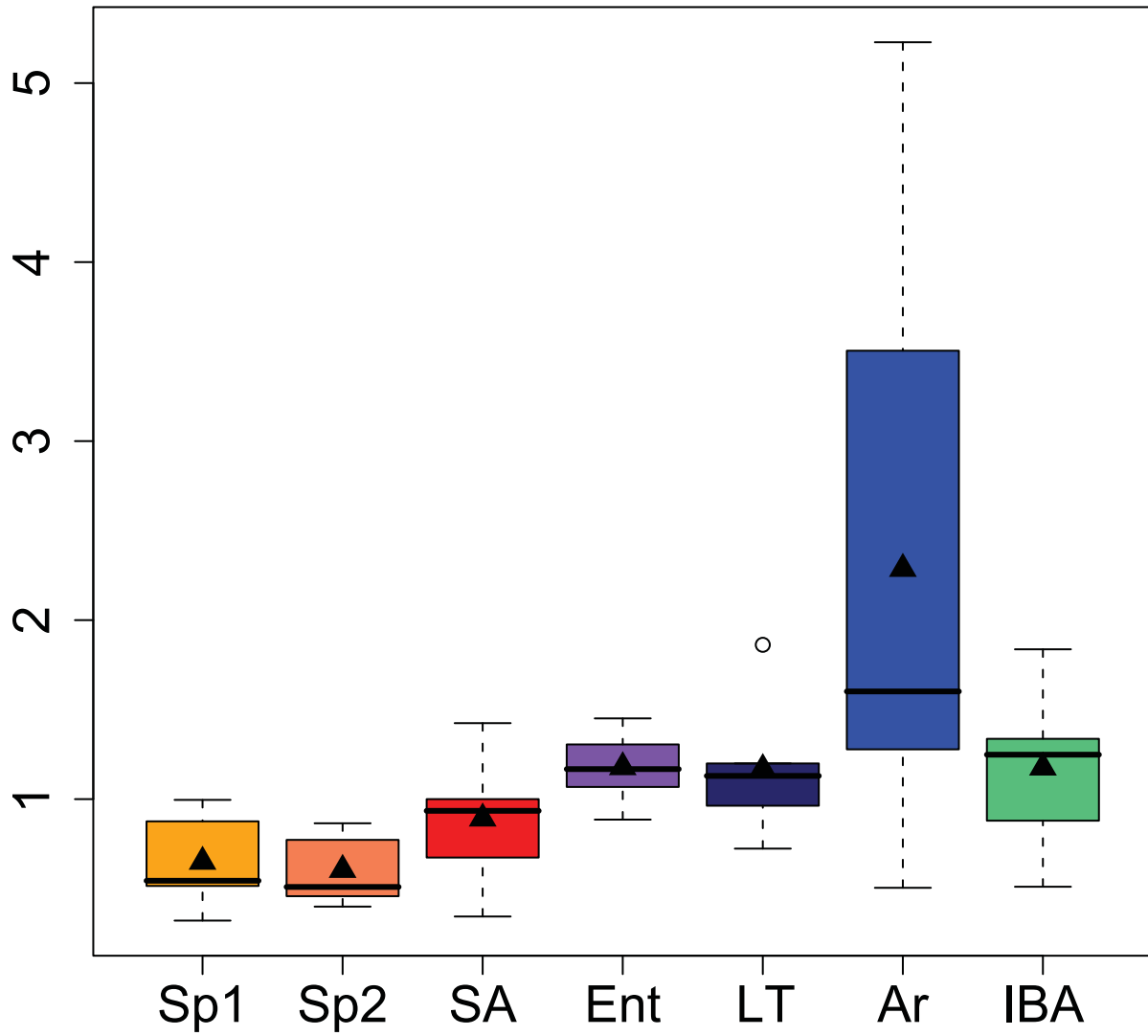
# 1-linoleoylglycerol (1-monolinolein)



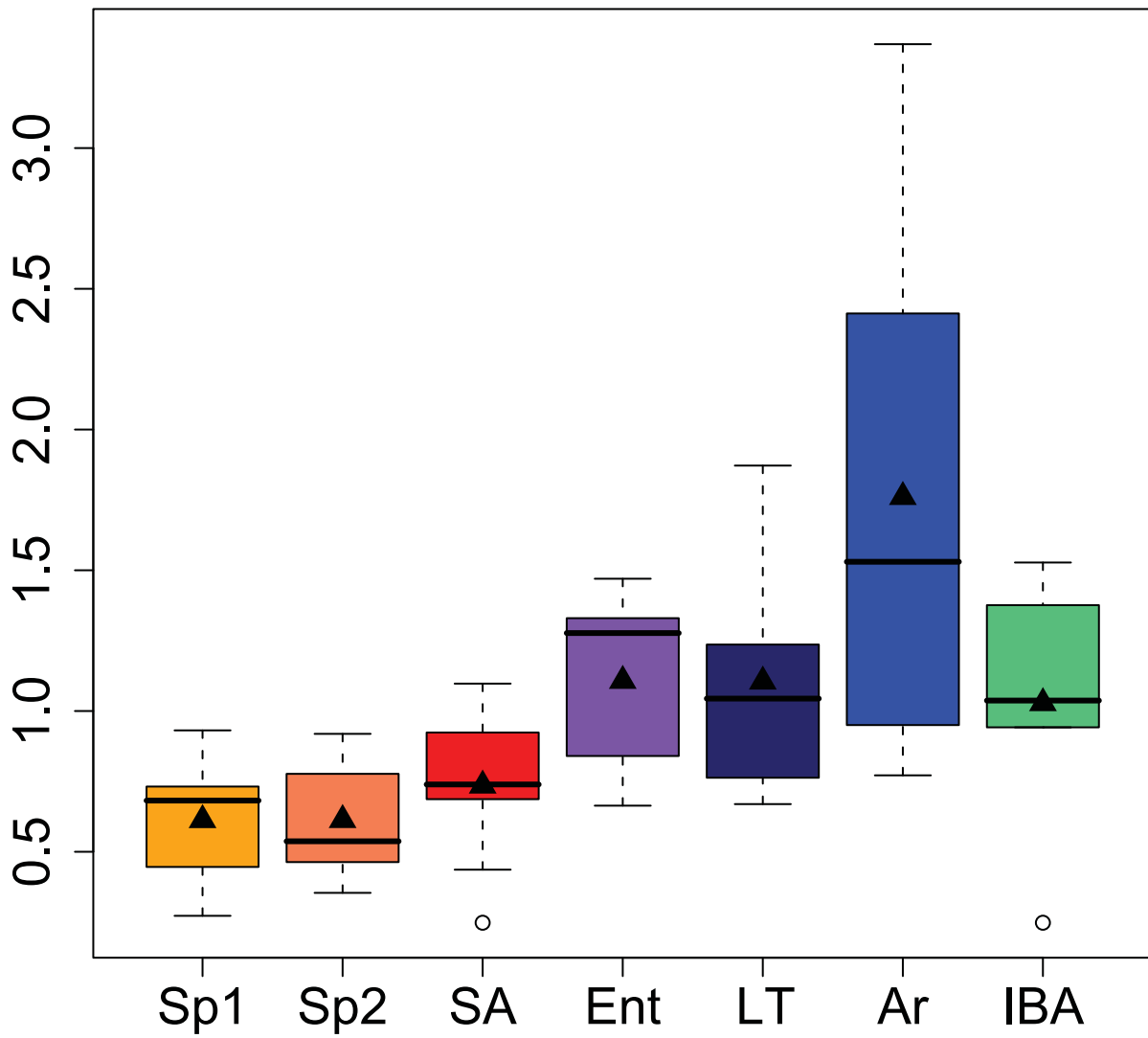
# 1-oleoylglycerol-1-monoolein-



# 1-palmitoylglycerol (1-monopalmitin)

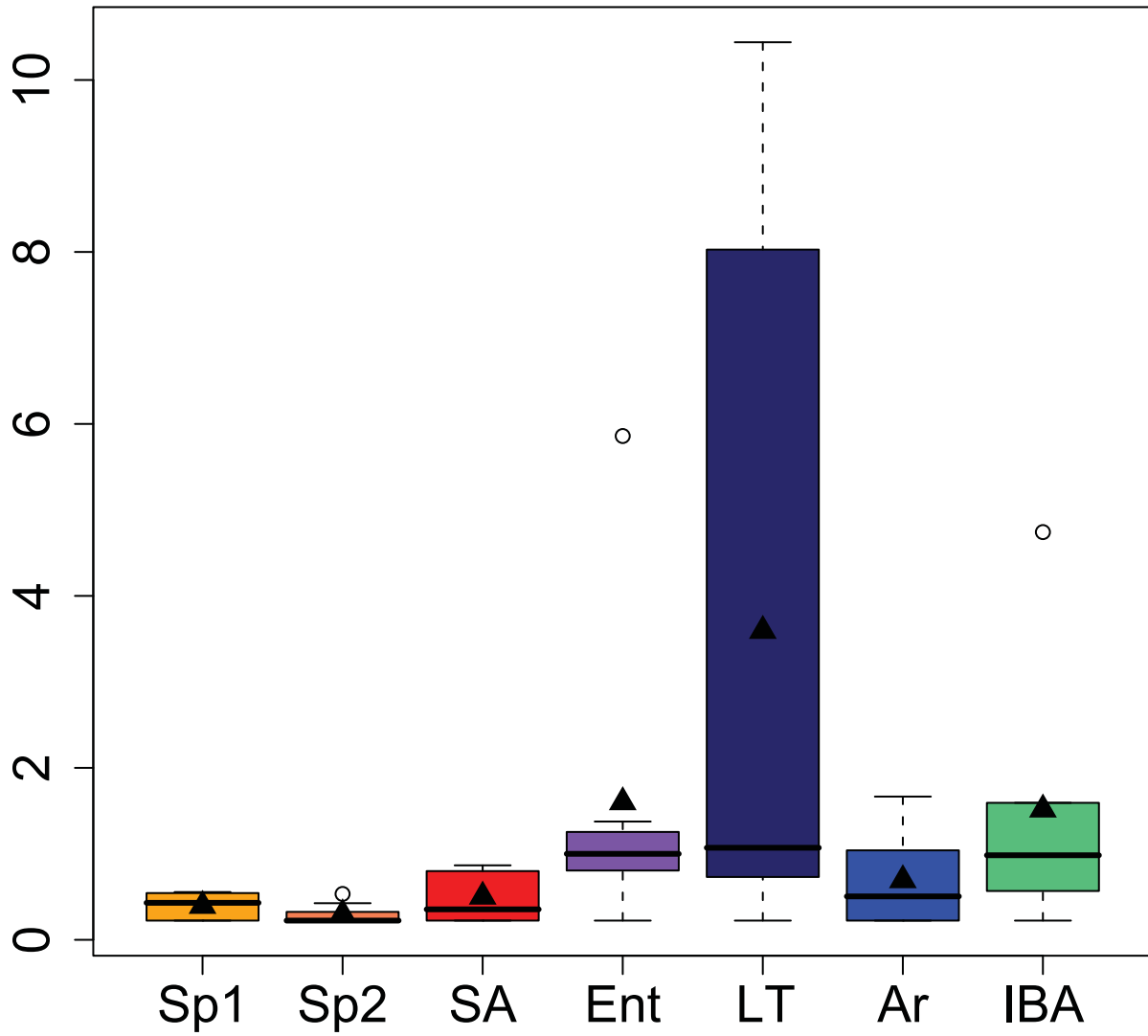


# 1-stearoylglycerol-1-monostearin-

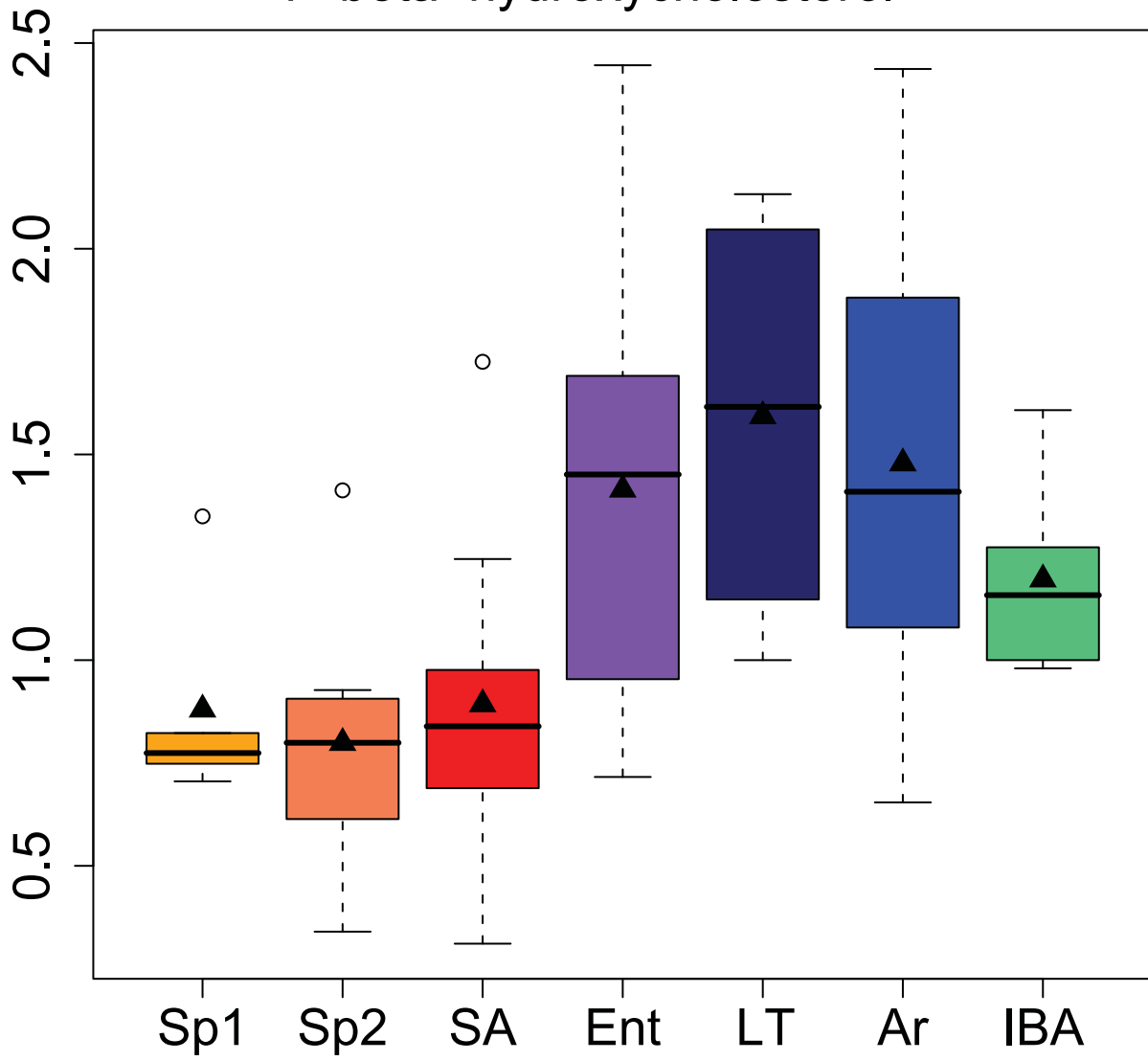




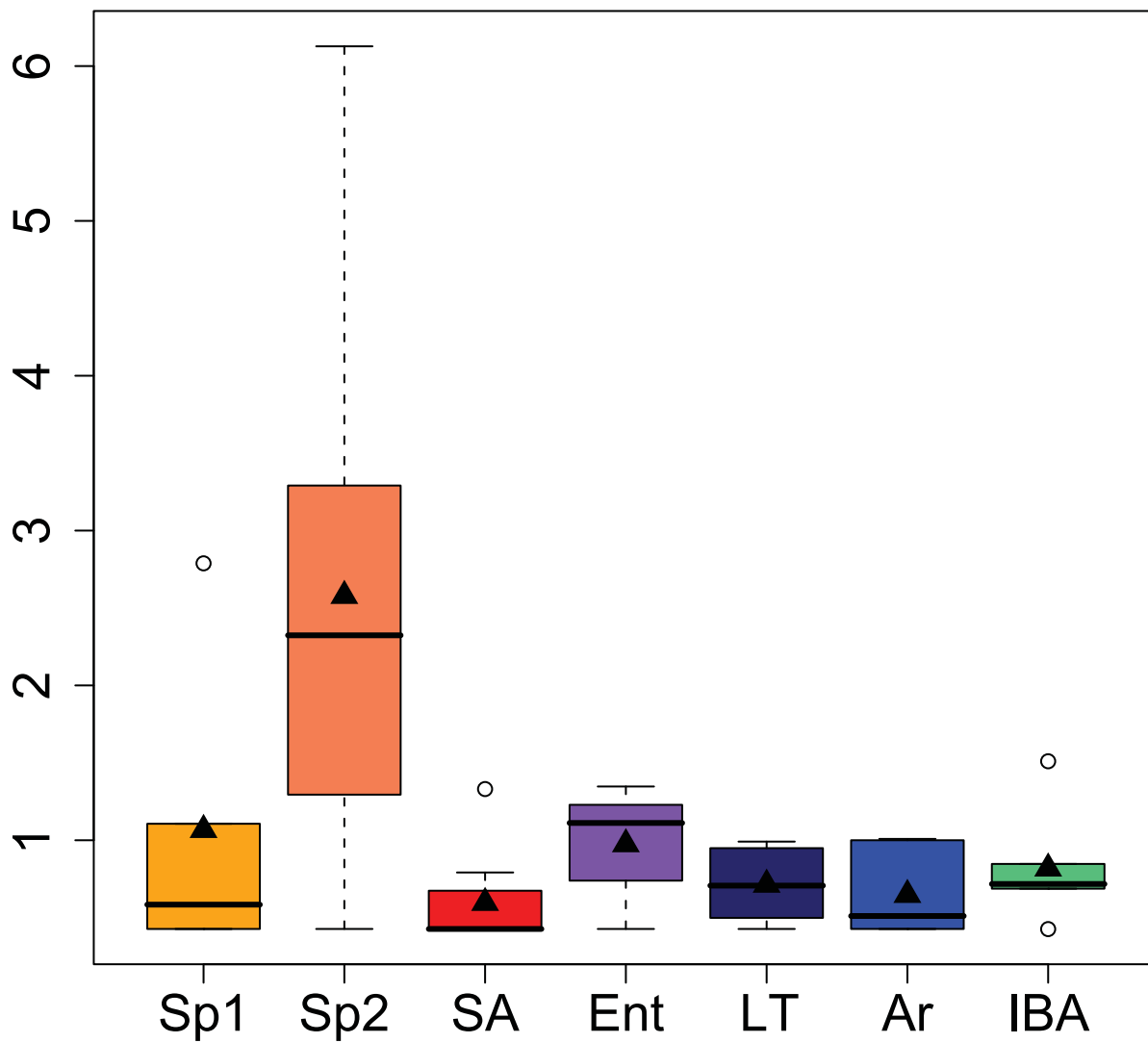
# 2-linoleoylglycerol-2-monolinolein-



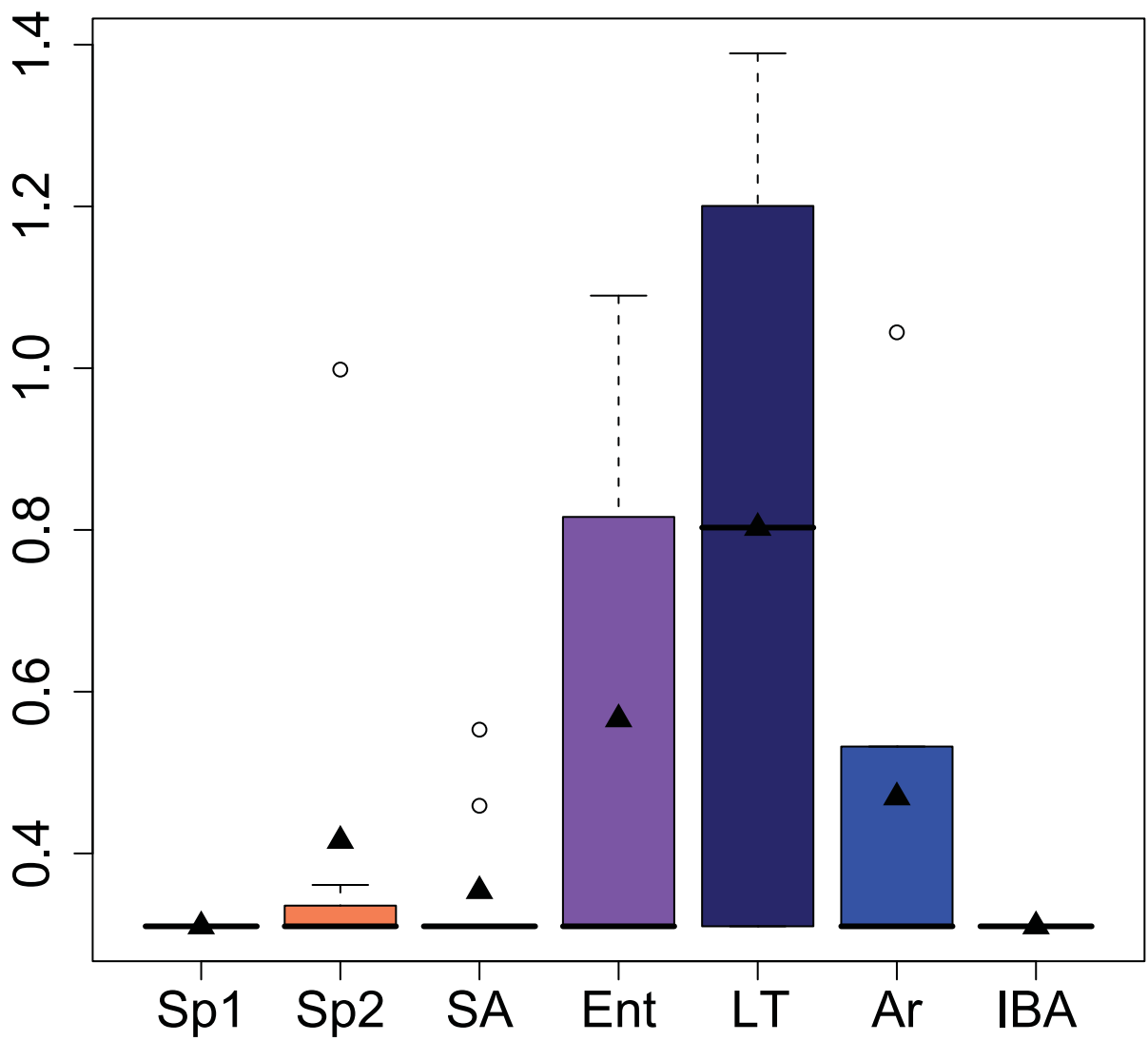
# 7-beta-hydroxycholesterol



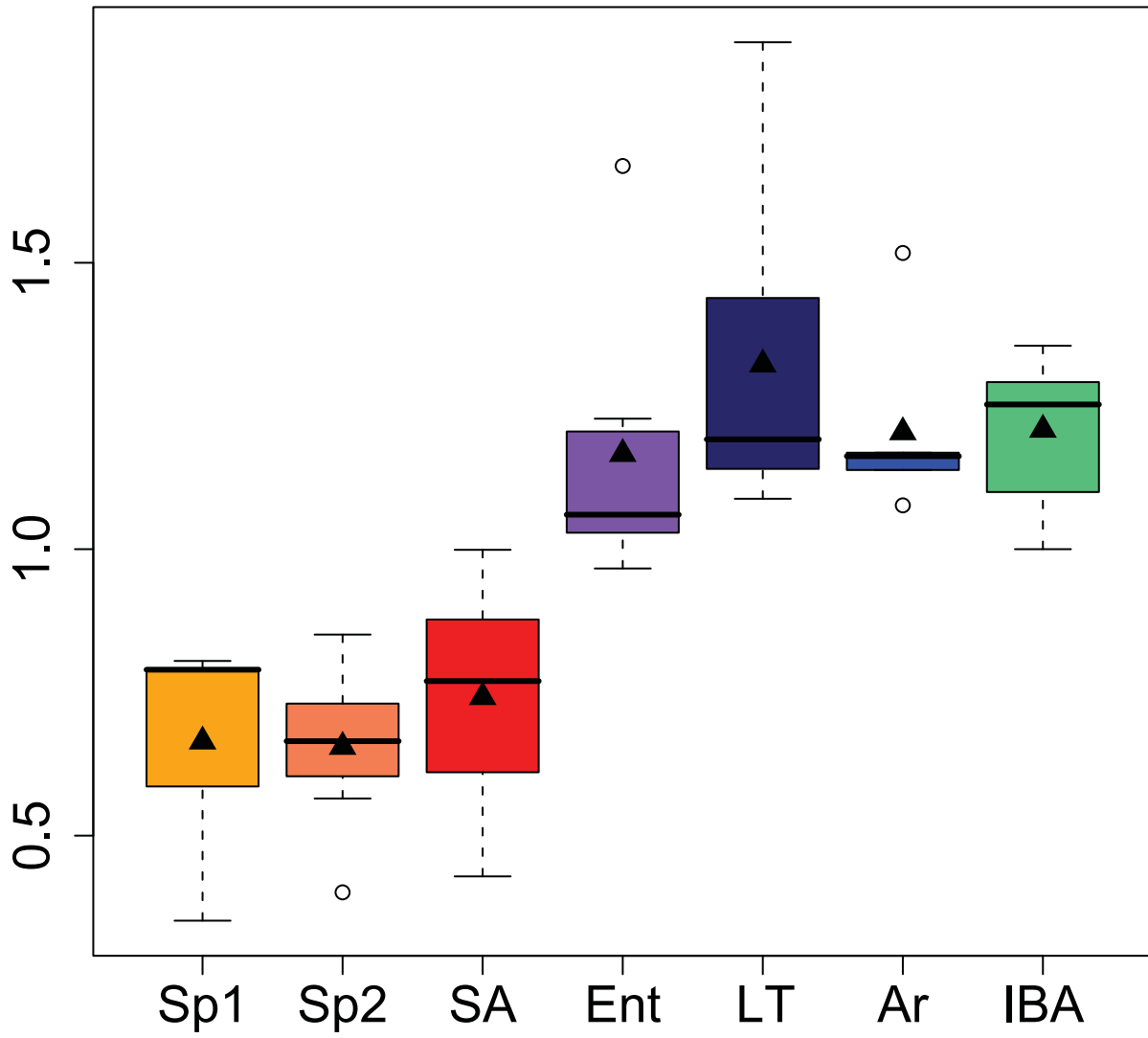
# androsterone sulfate



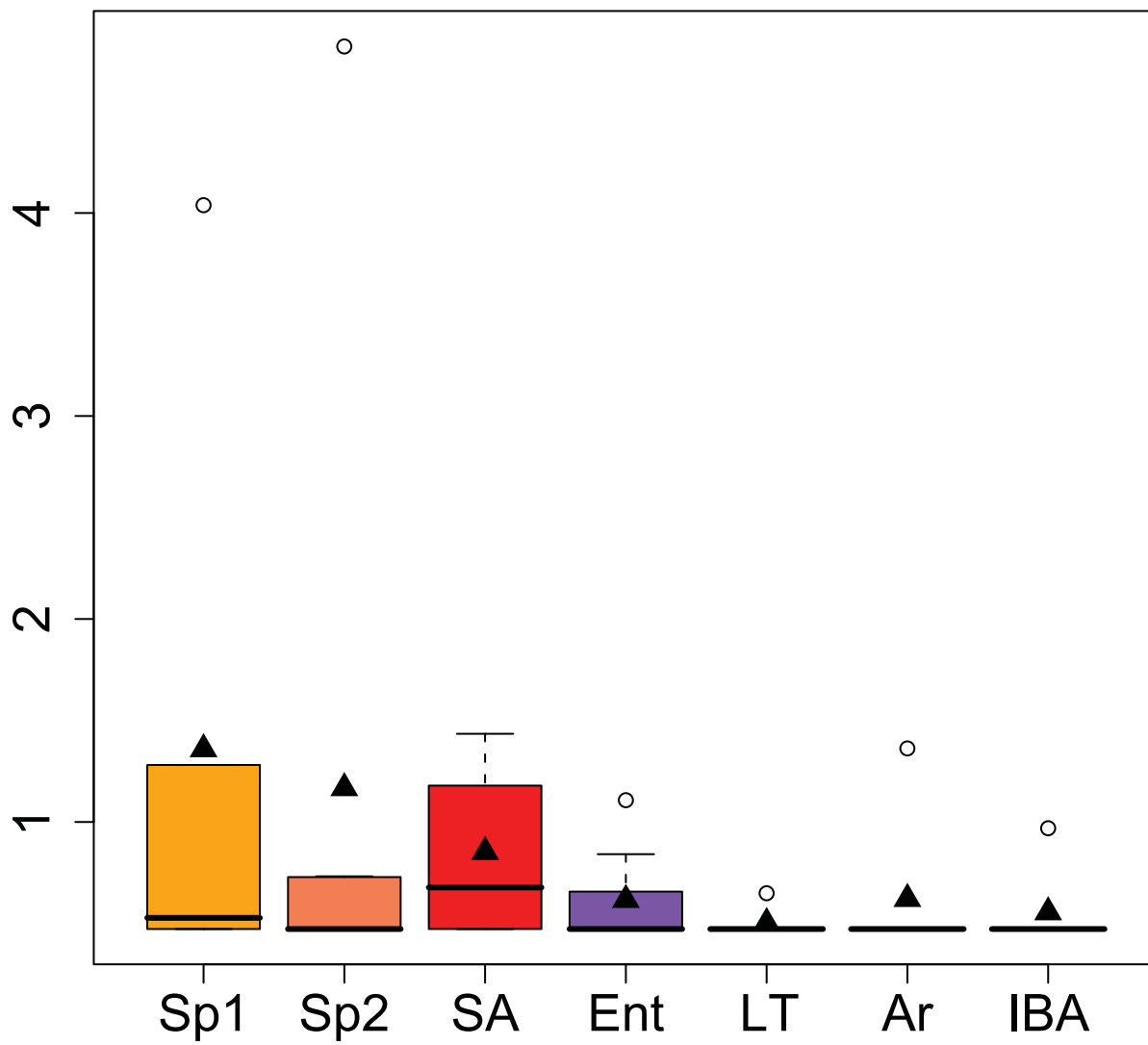
# beta-sitosterol



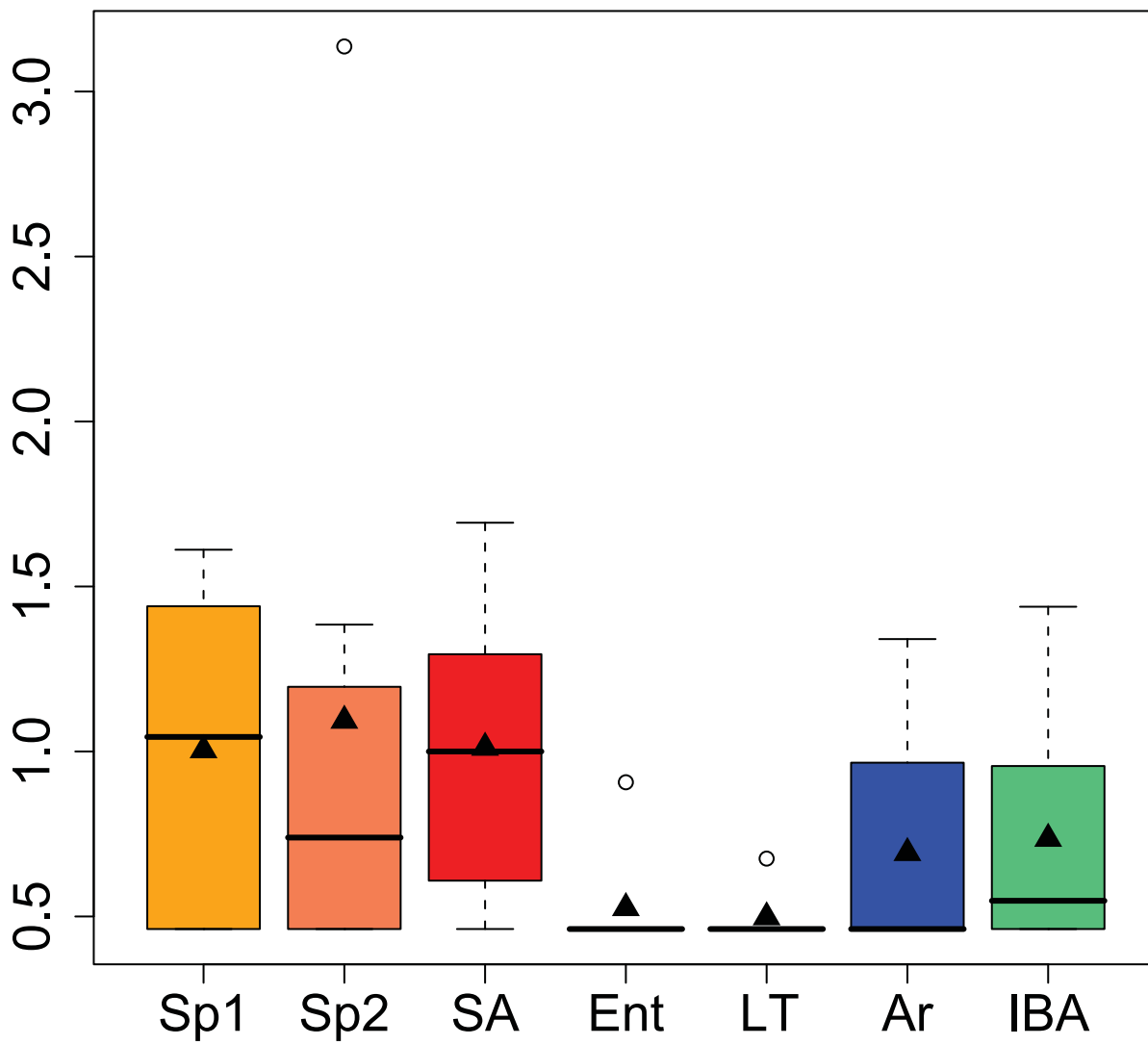
# cholesterol



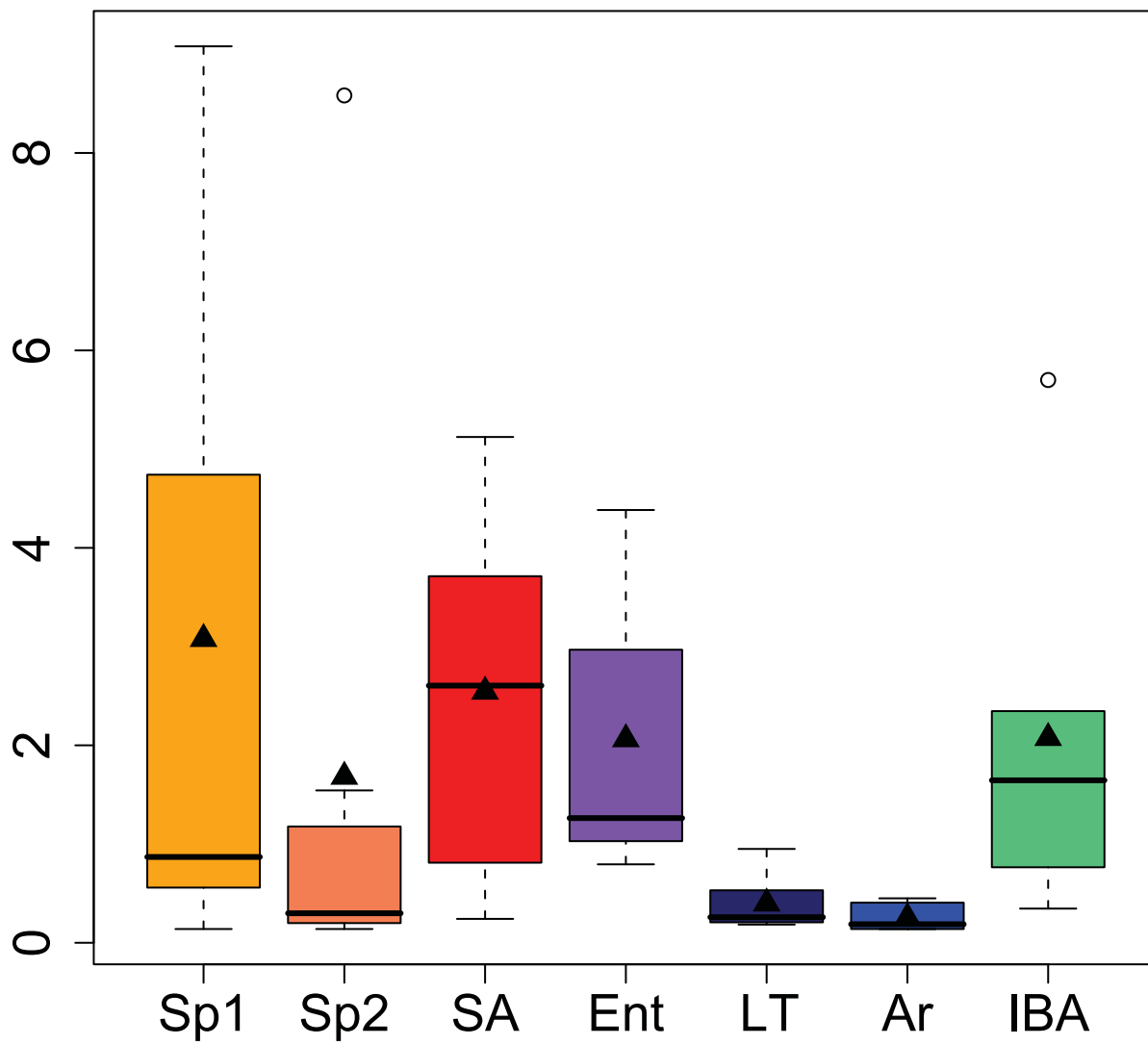
# inosine



# xanthine

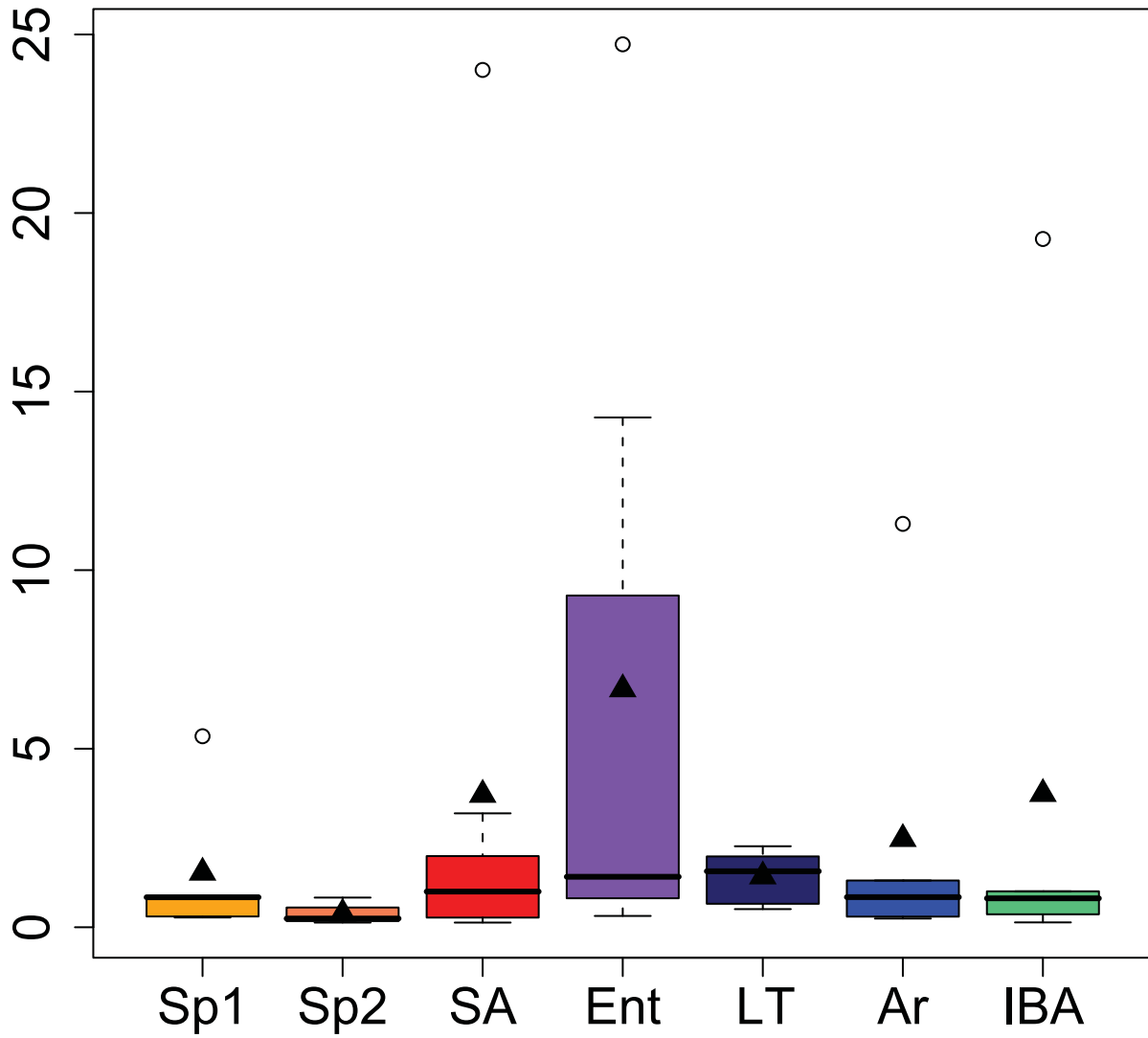


# adenosine

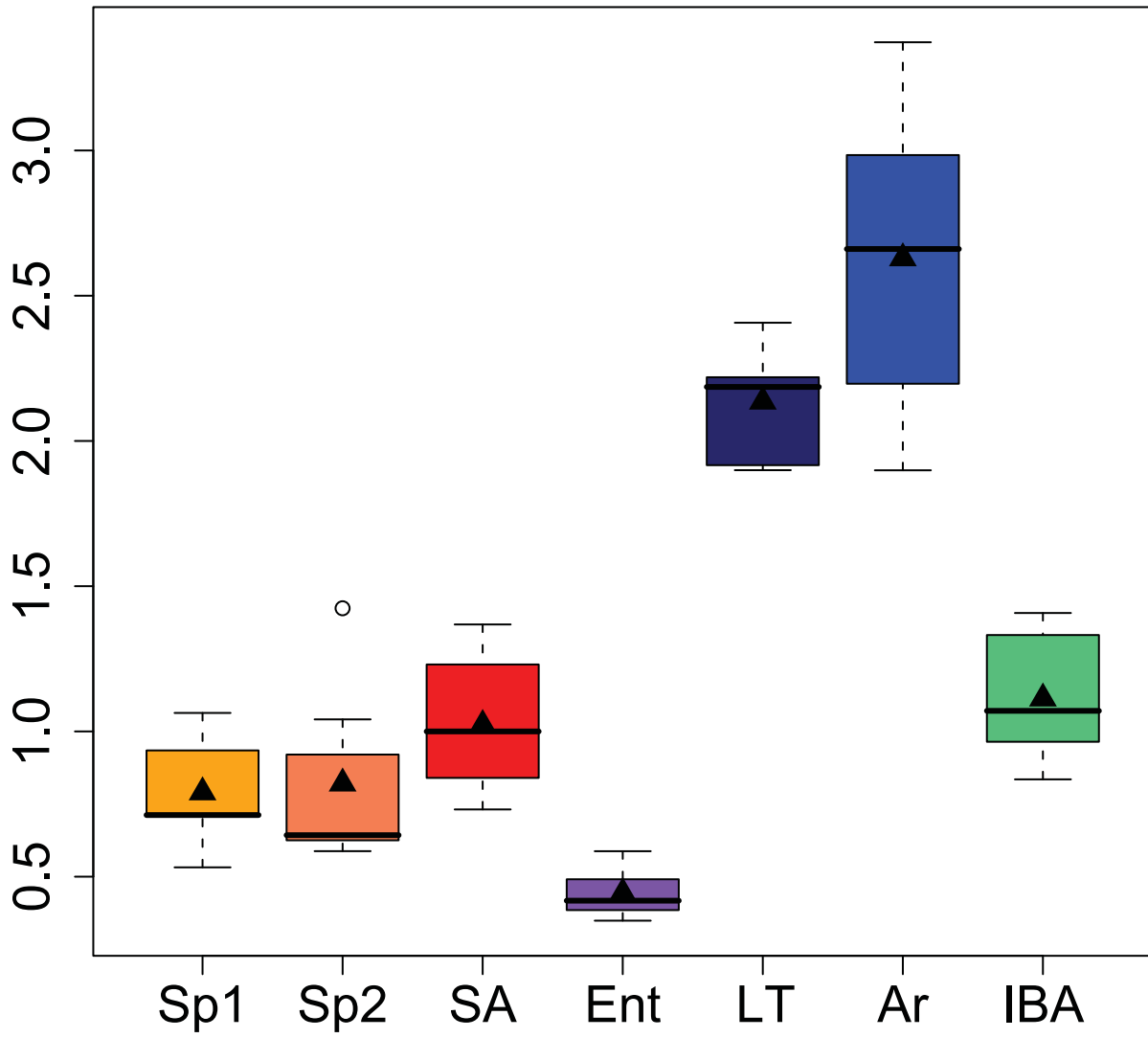




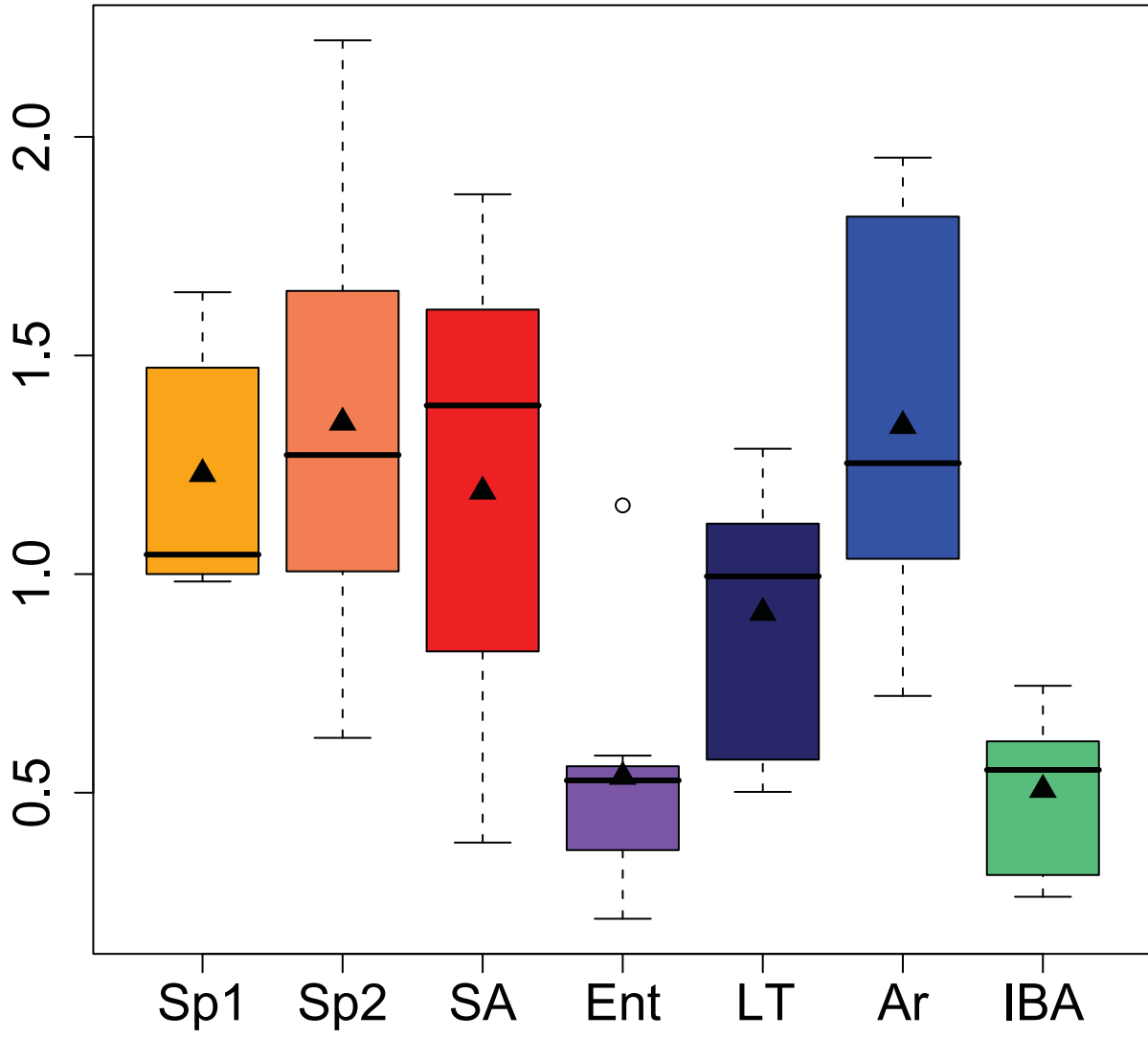
adenosine 5'-monophosphate (AMP)



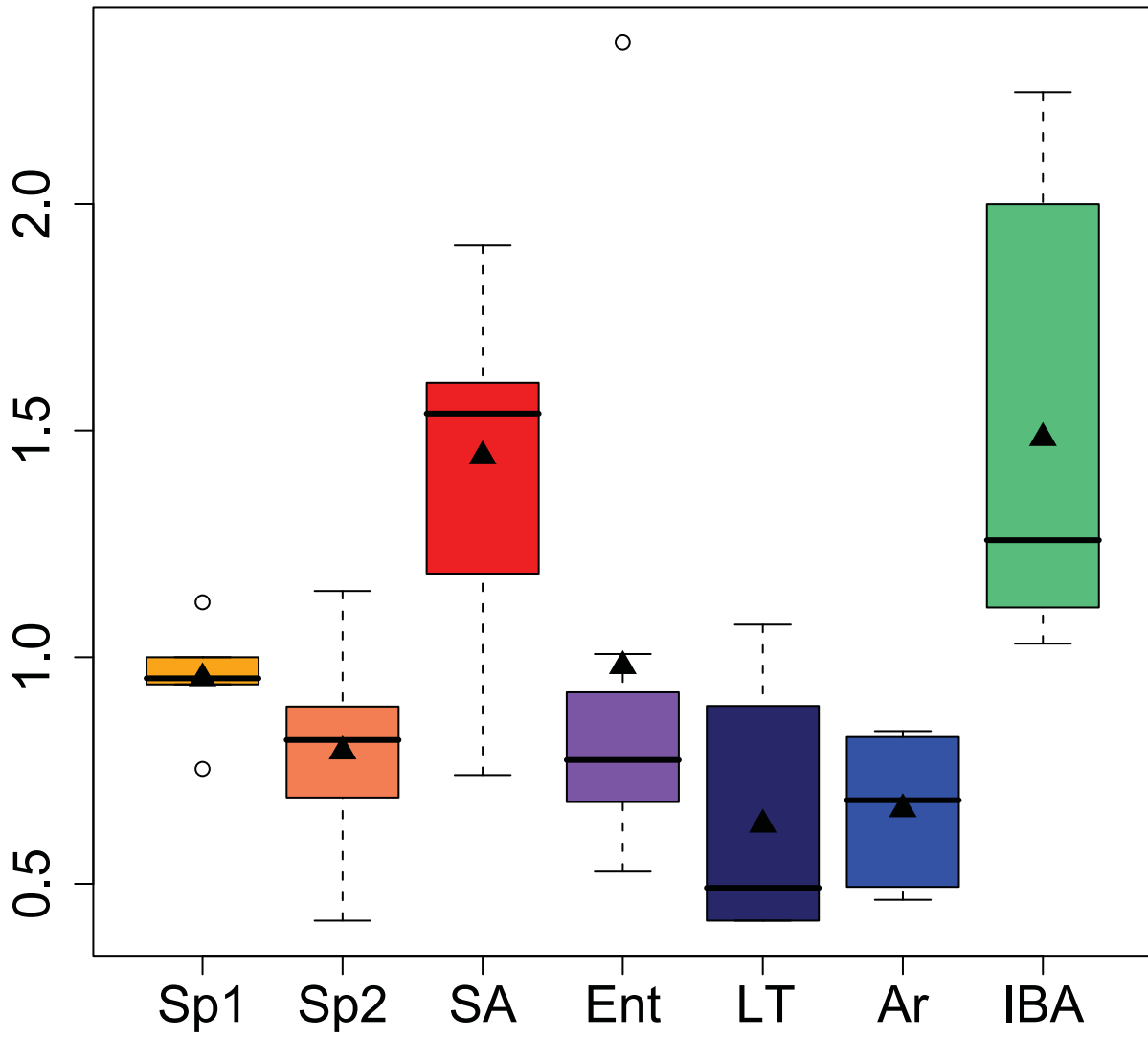
# allantoin



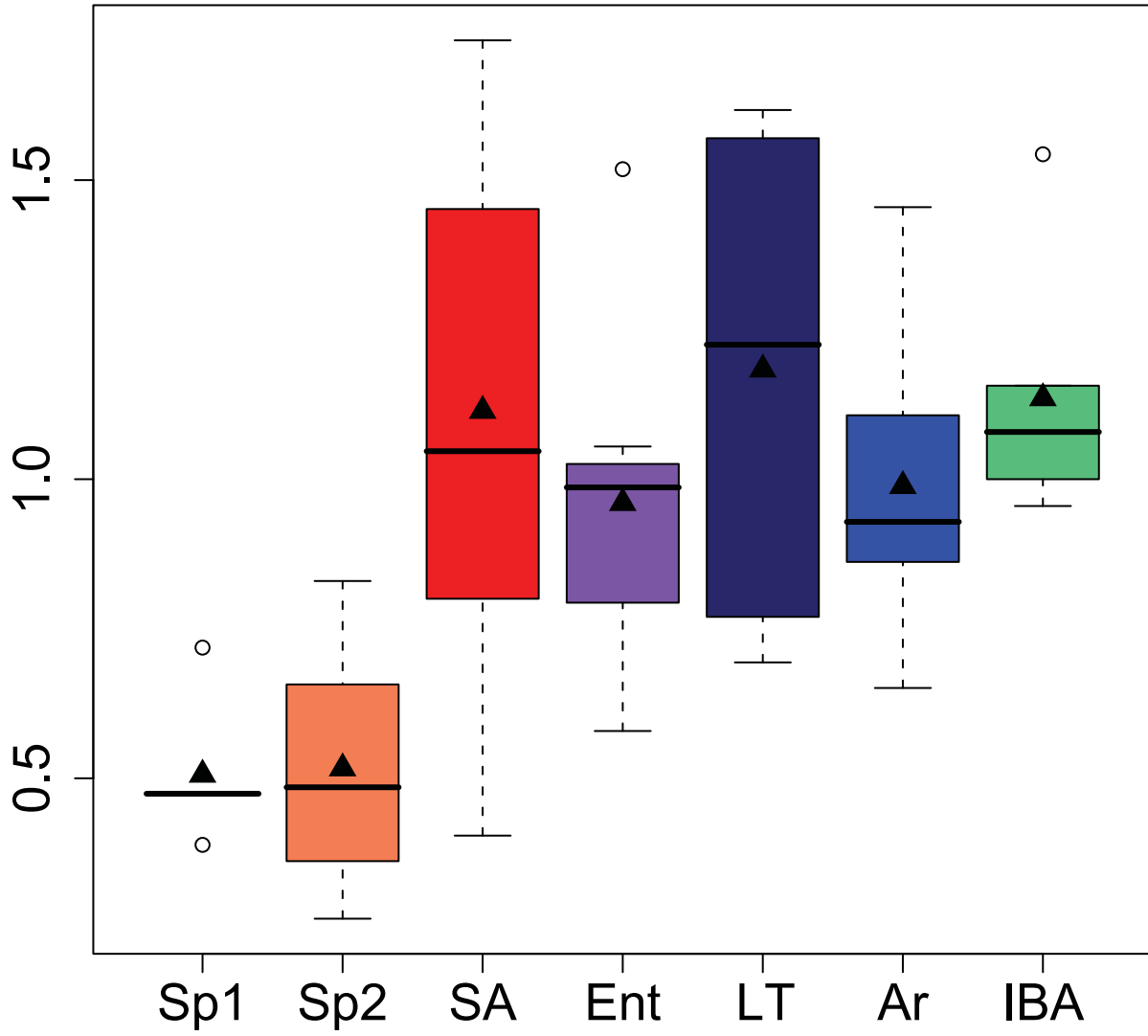
# urate



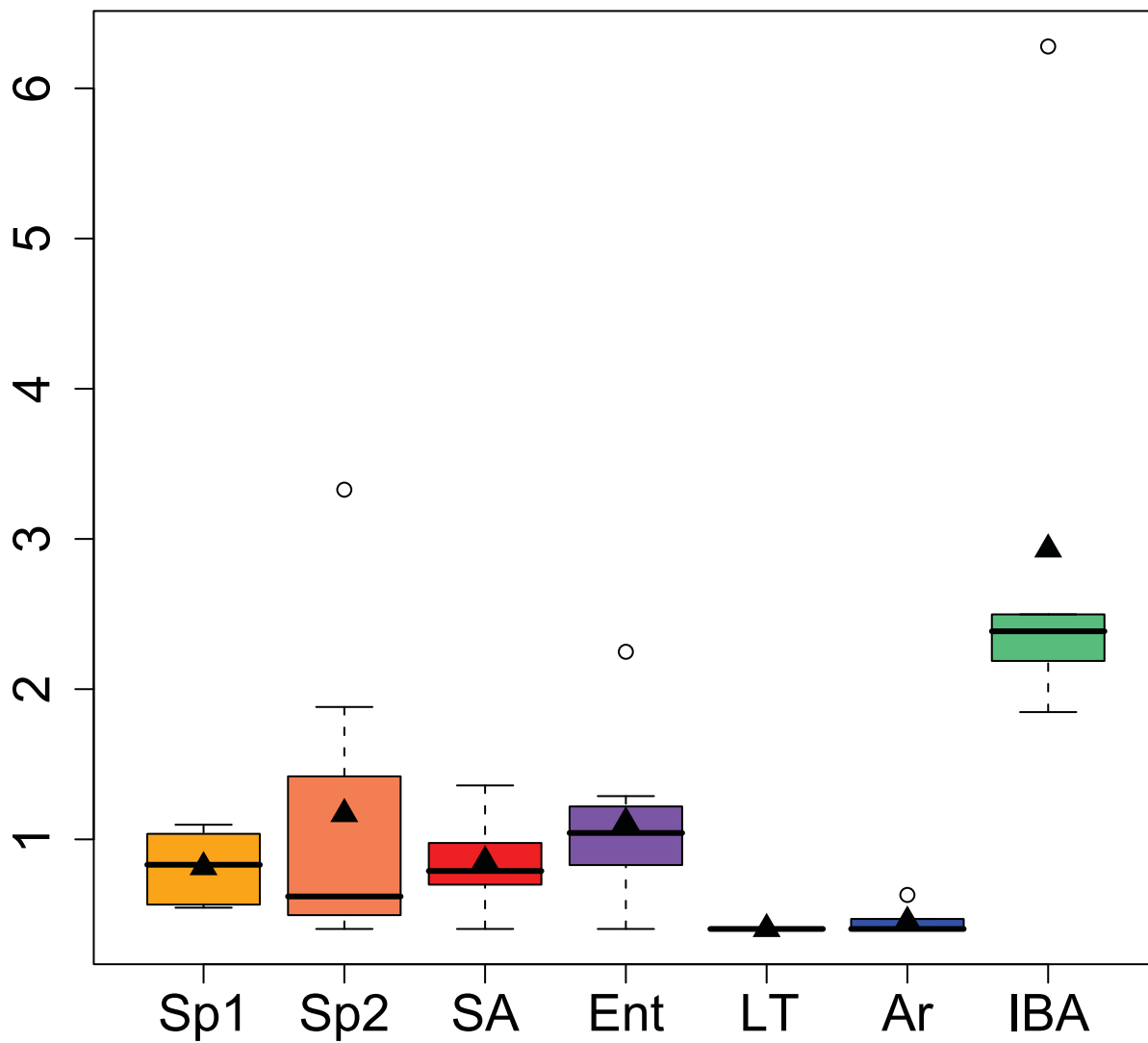
# glutamylvaline



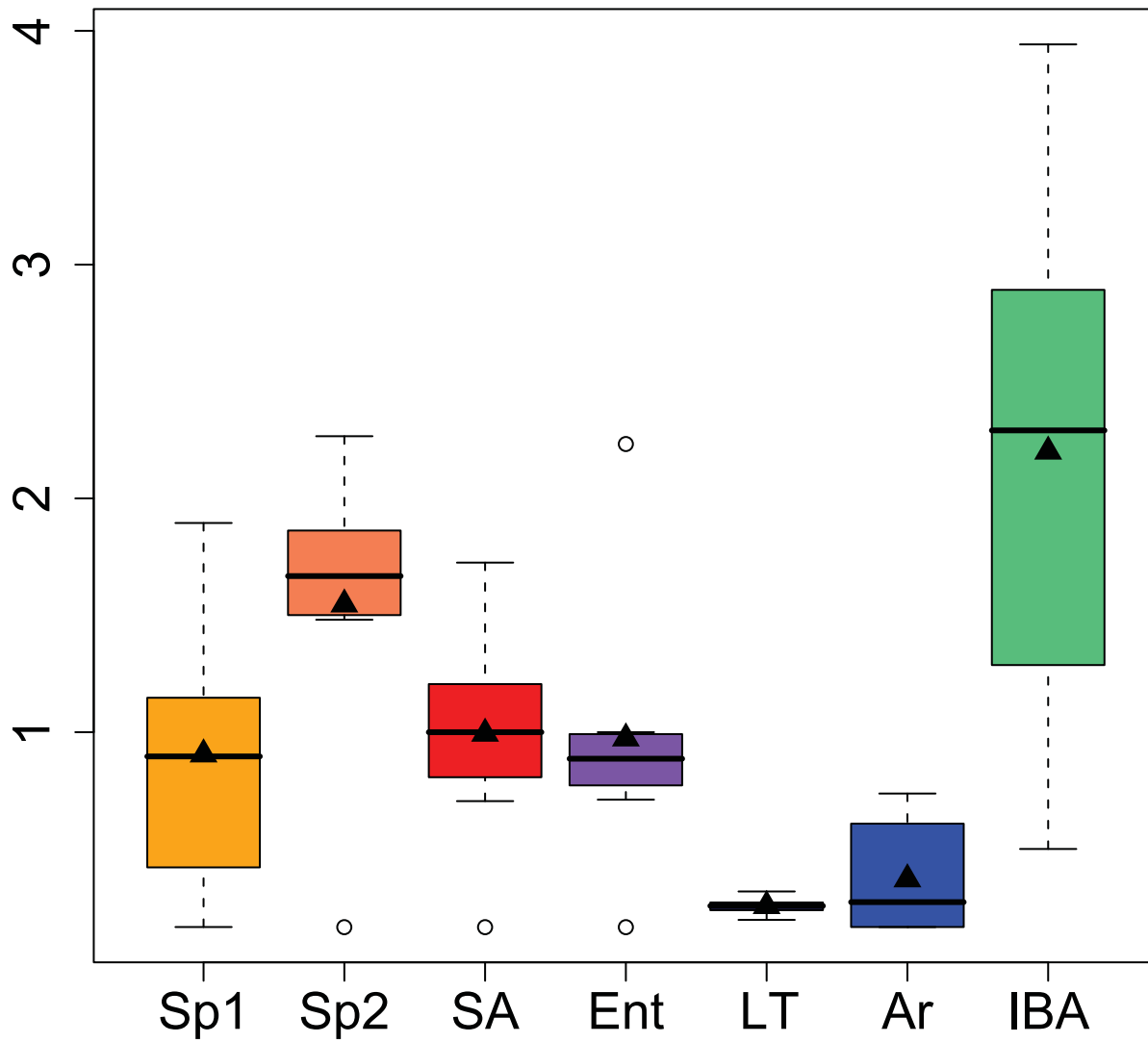
# glycylproline



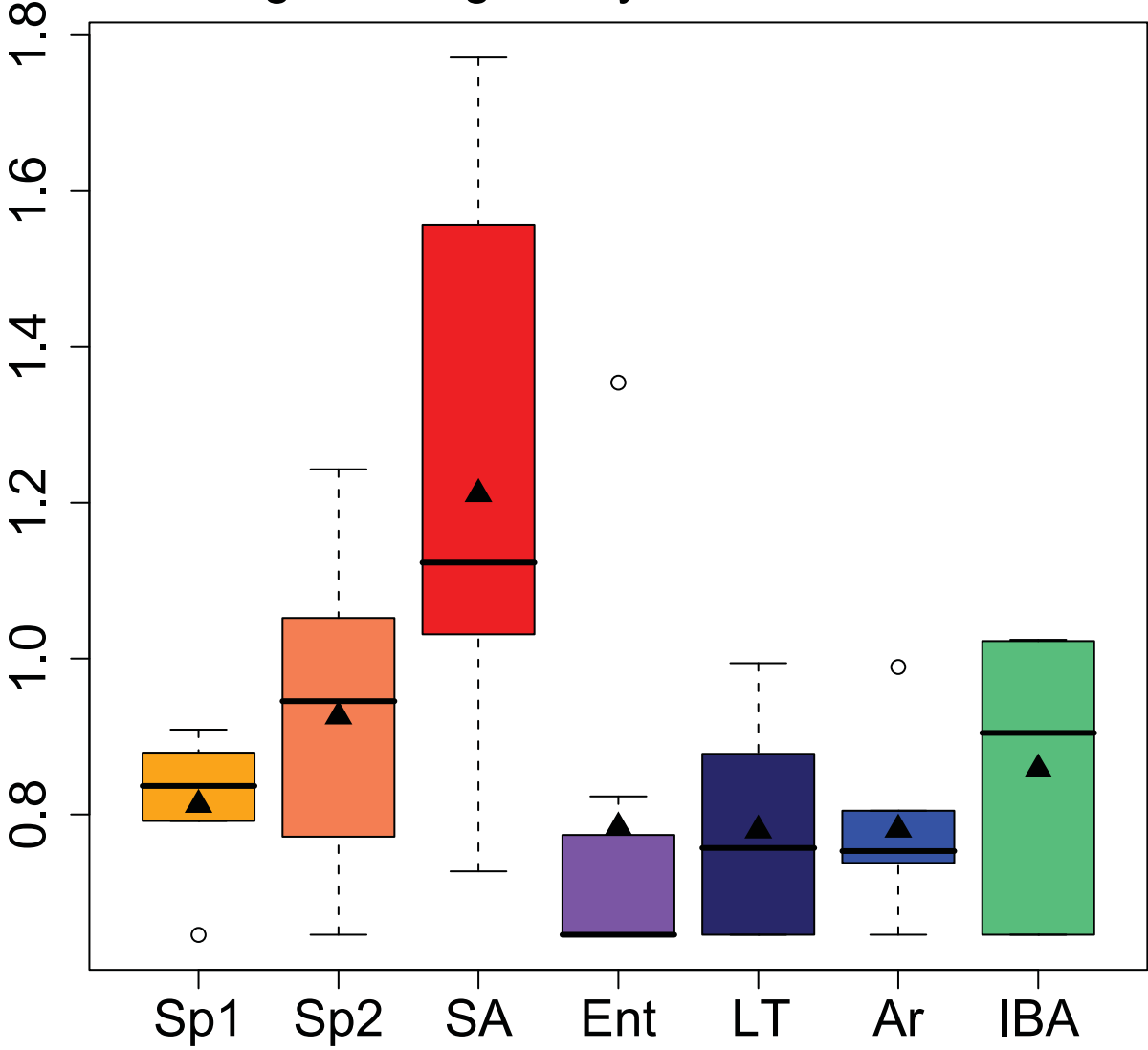
# pro-hydroxy-pro



# gamma-glutamylglutamine

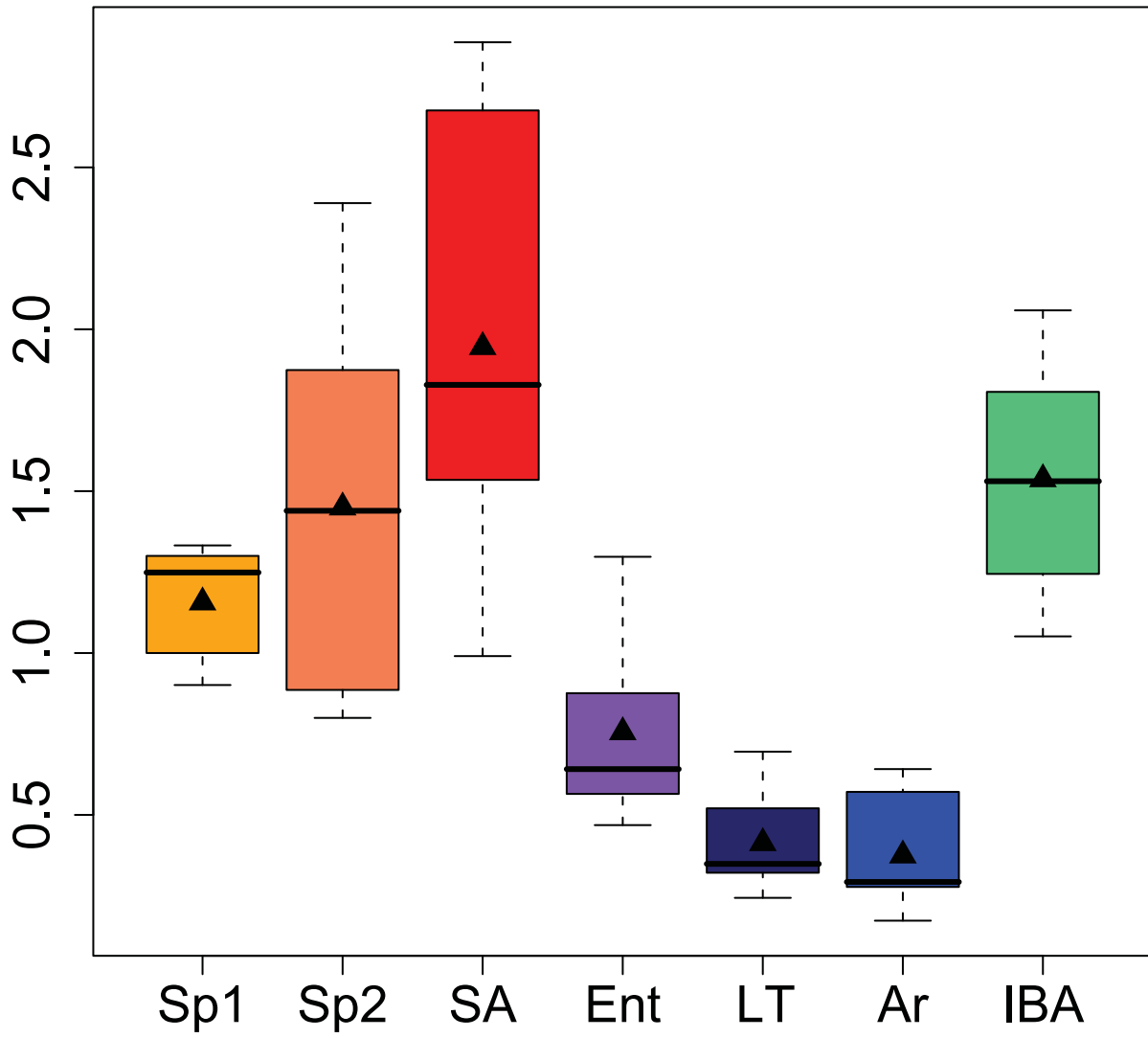


gamma-glutamylisoleucine\*

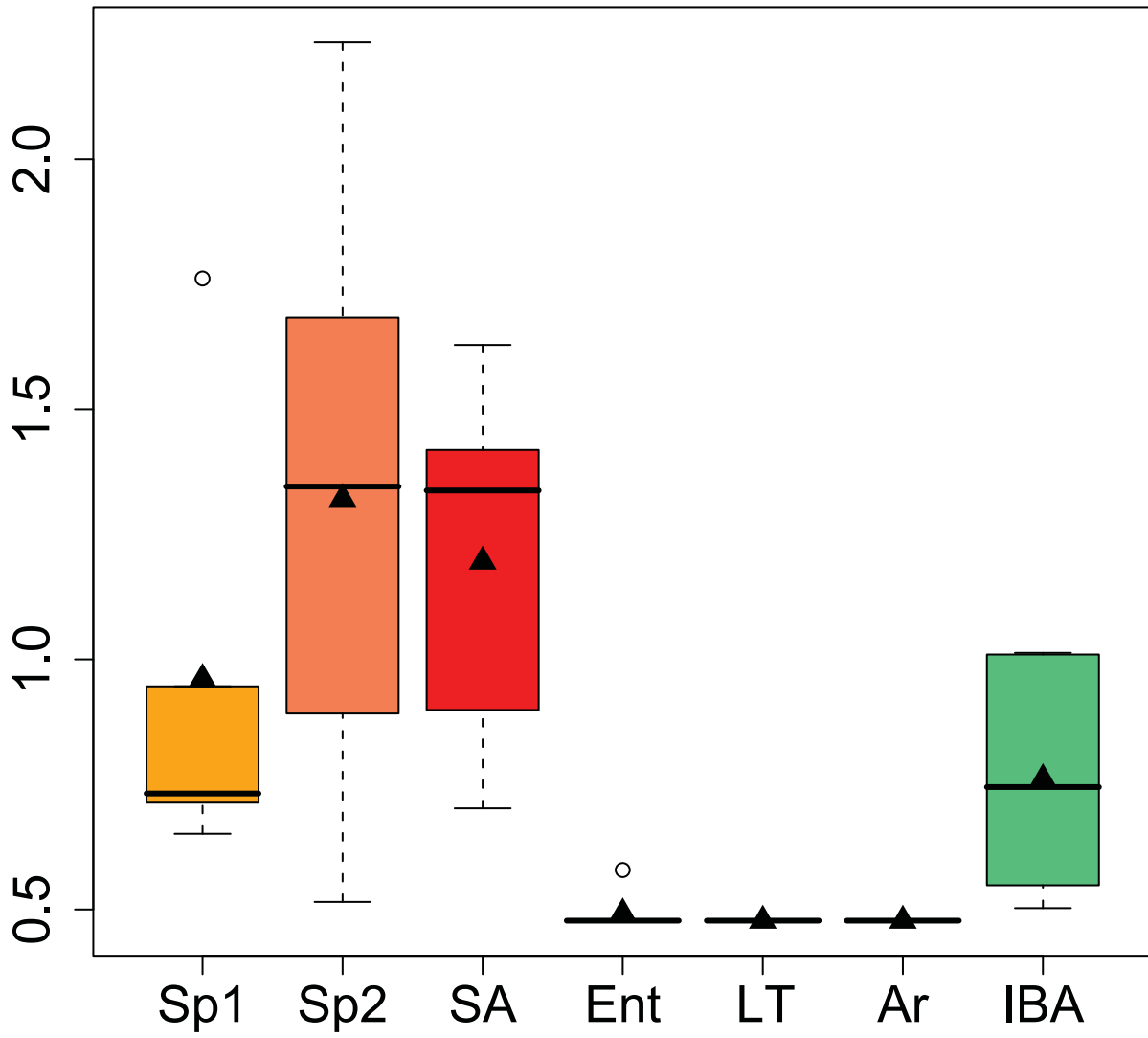




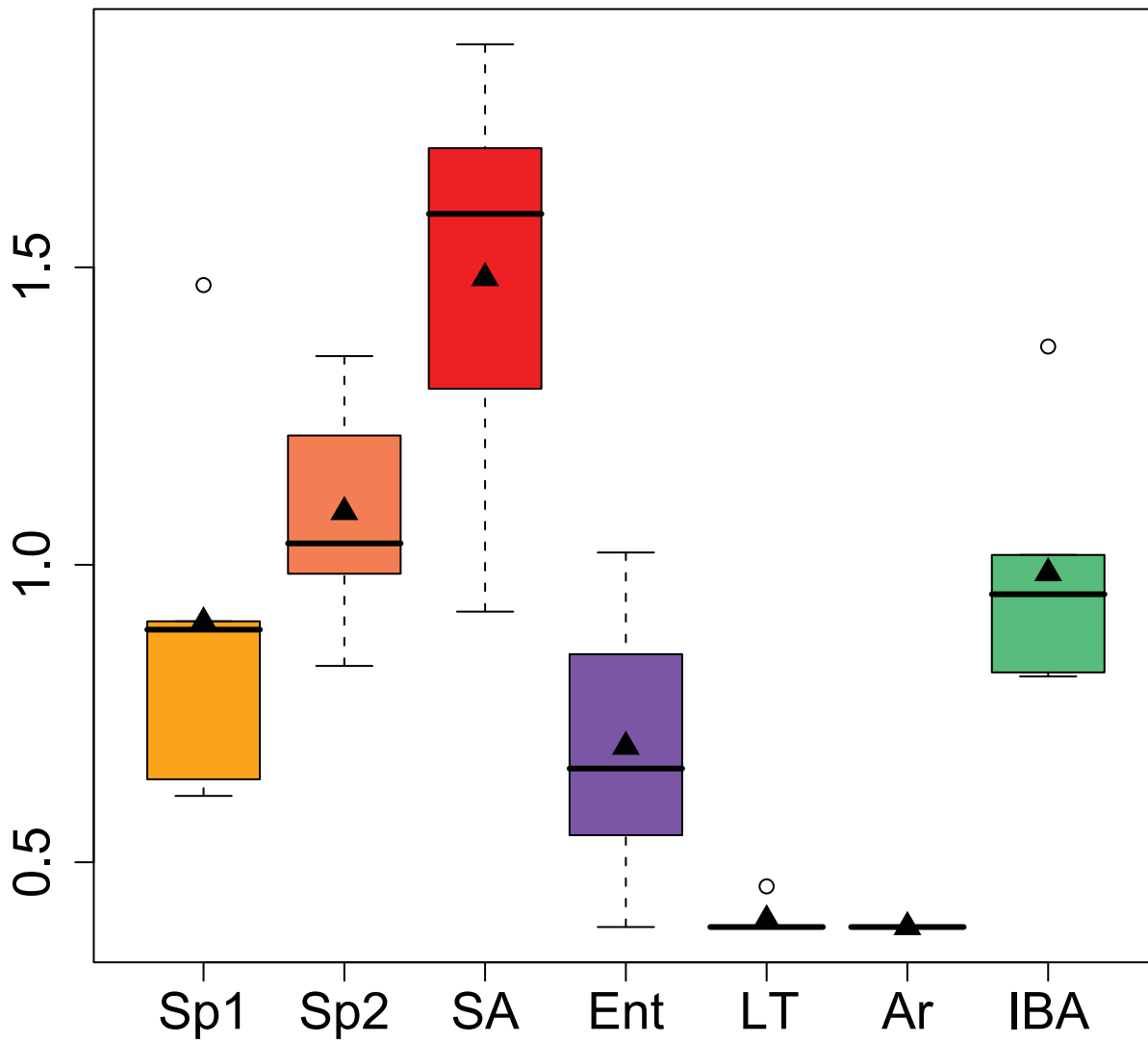
# gamma-glutamylleucine



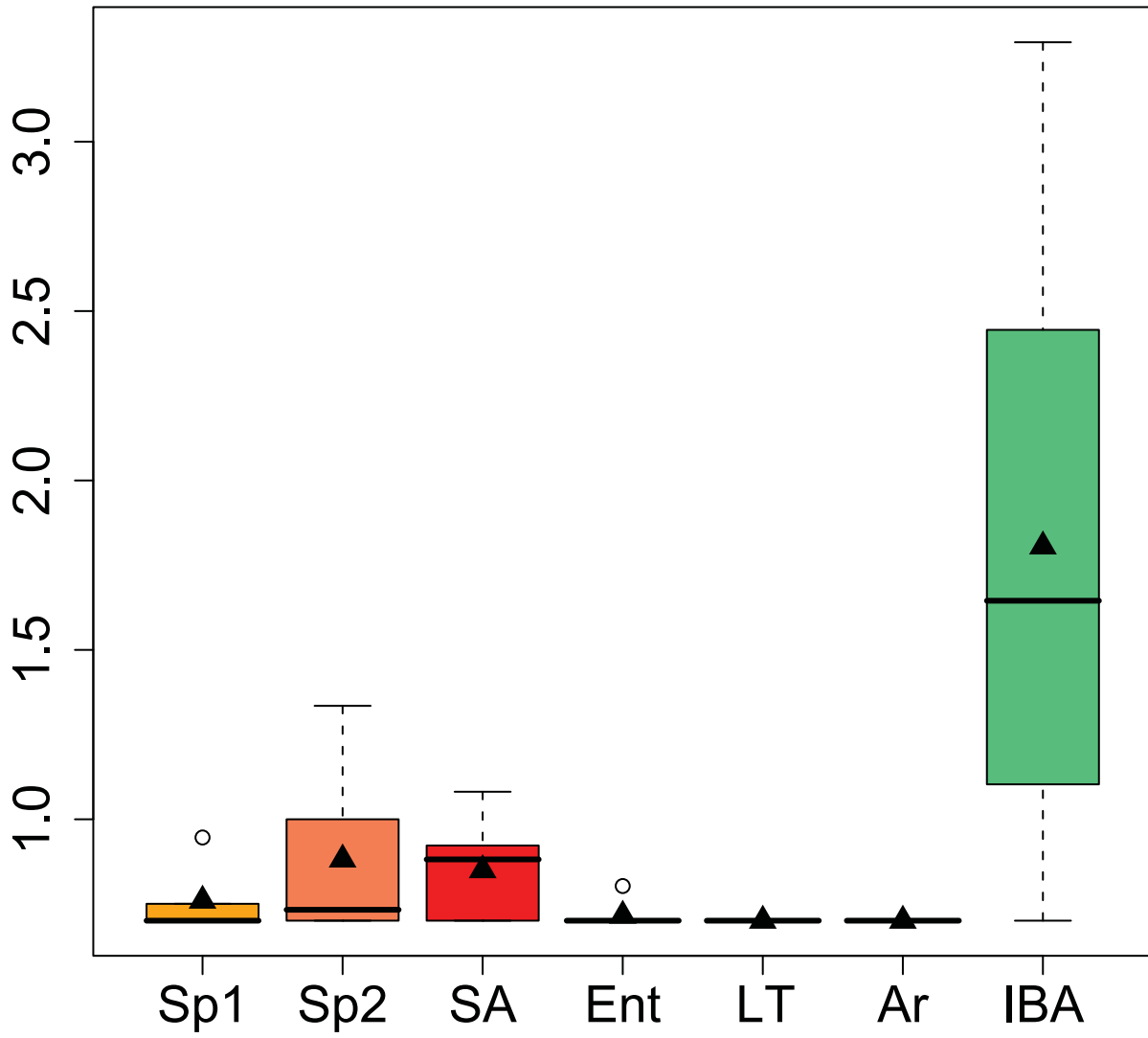
# gamma-glutamylmethionine\*



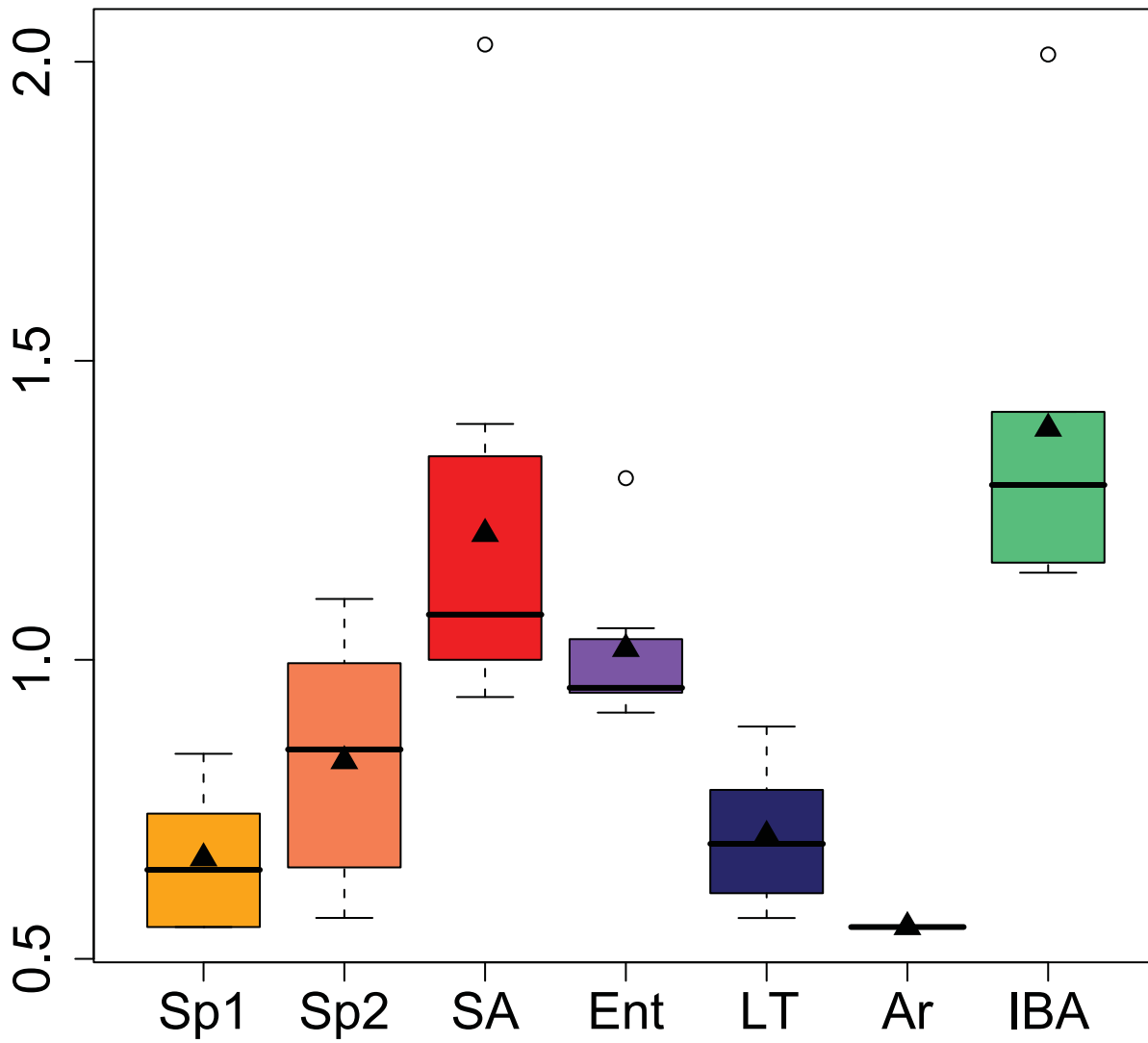
# gamma-glutamylphenylalanine



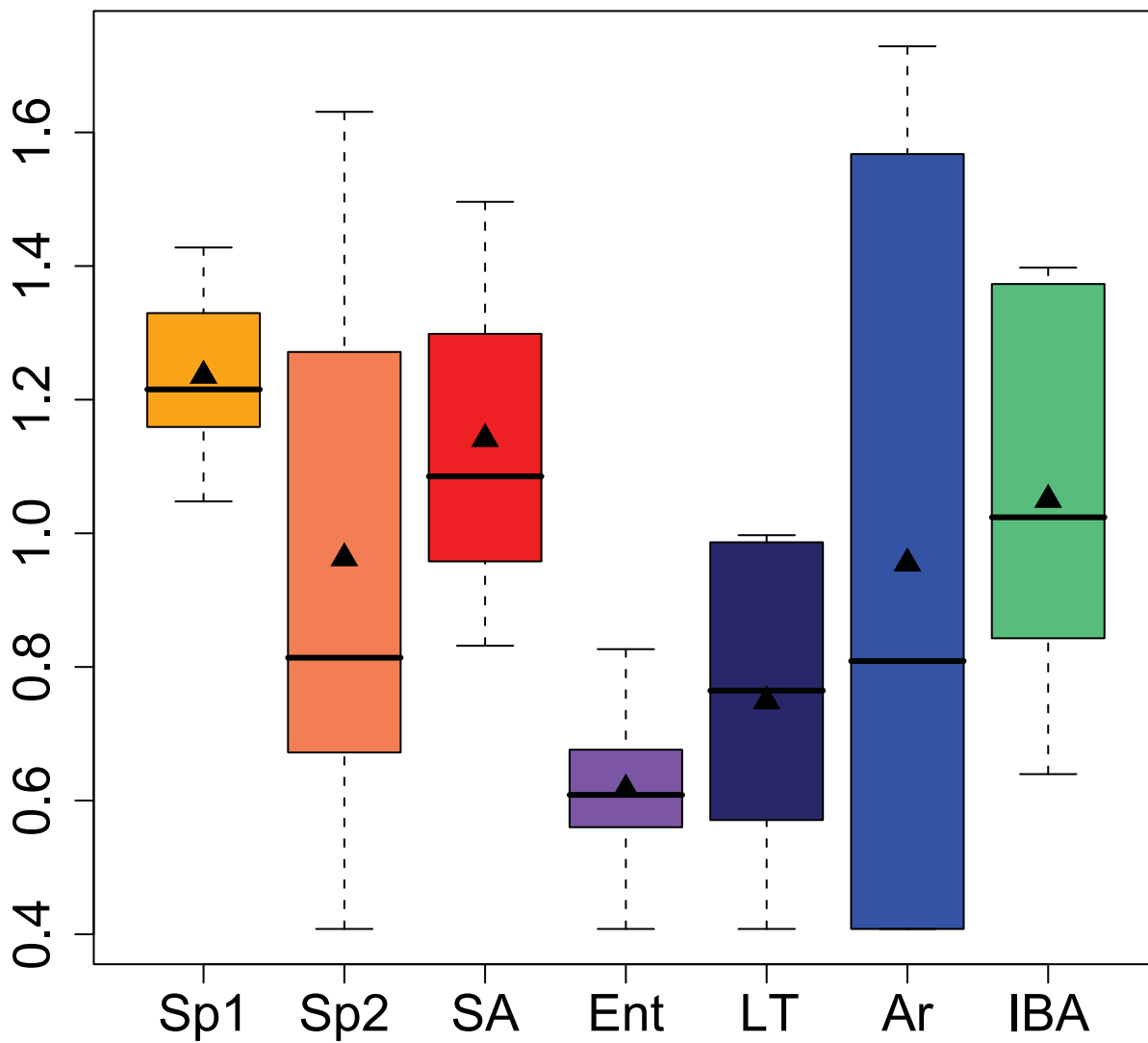
gamma-glutamylthreonine\*



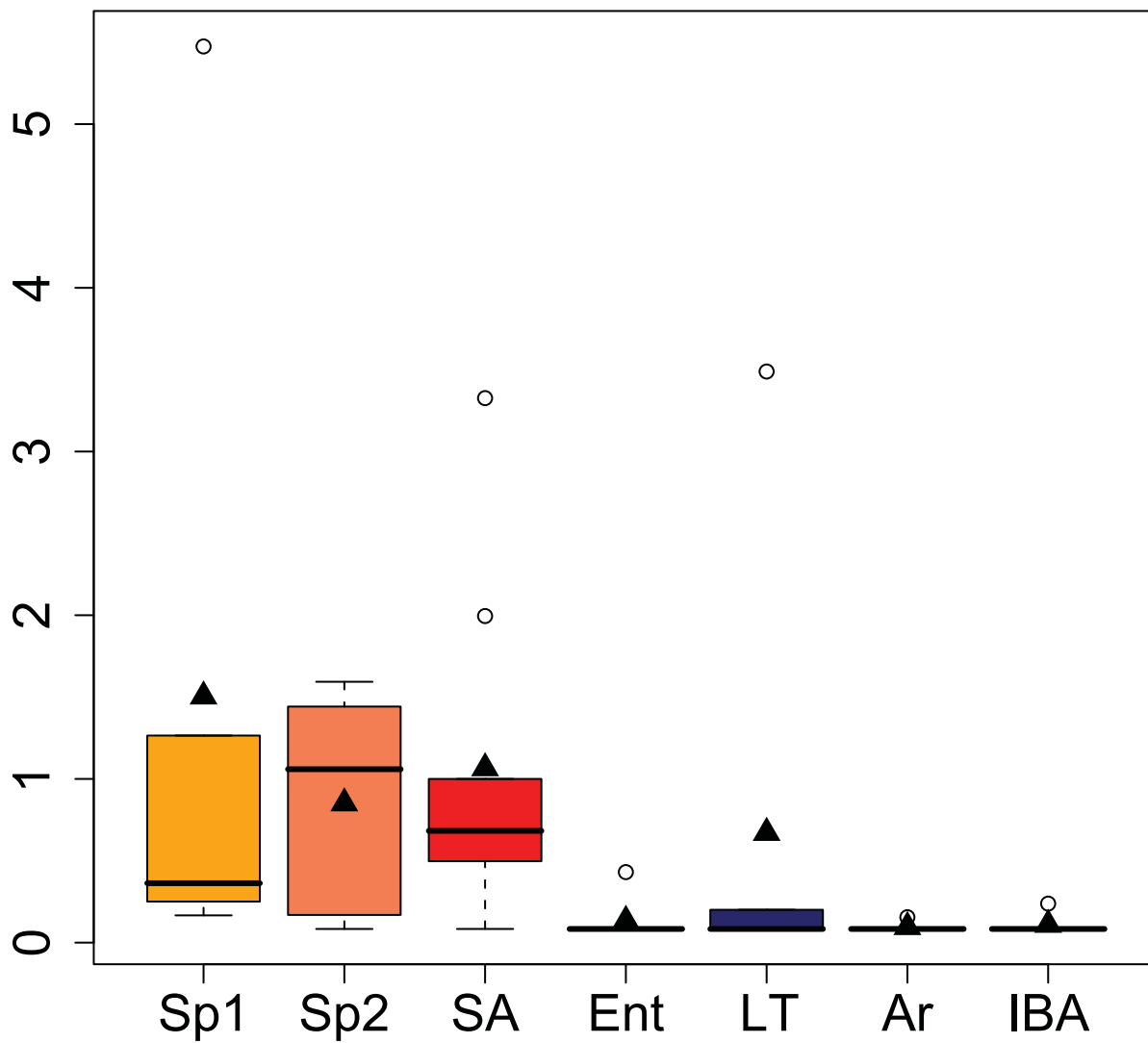
# gamma-glutamyltryptophan



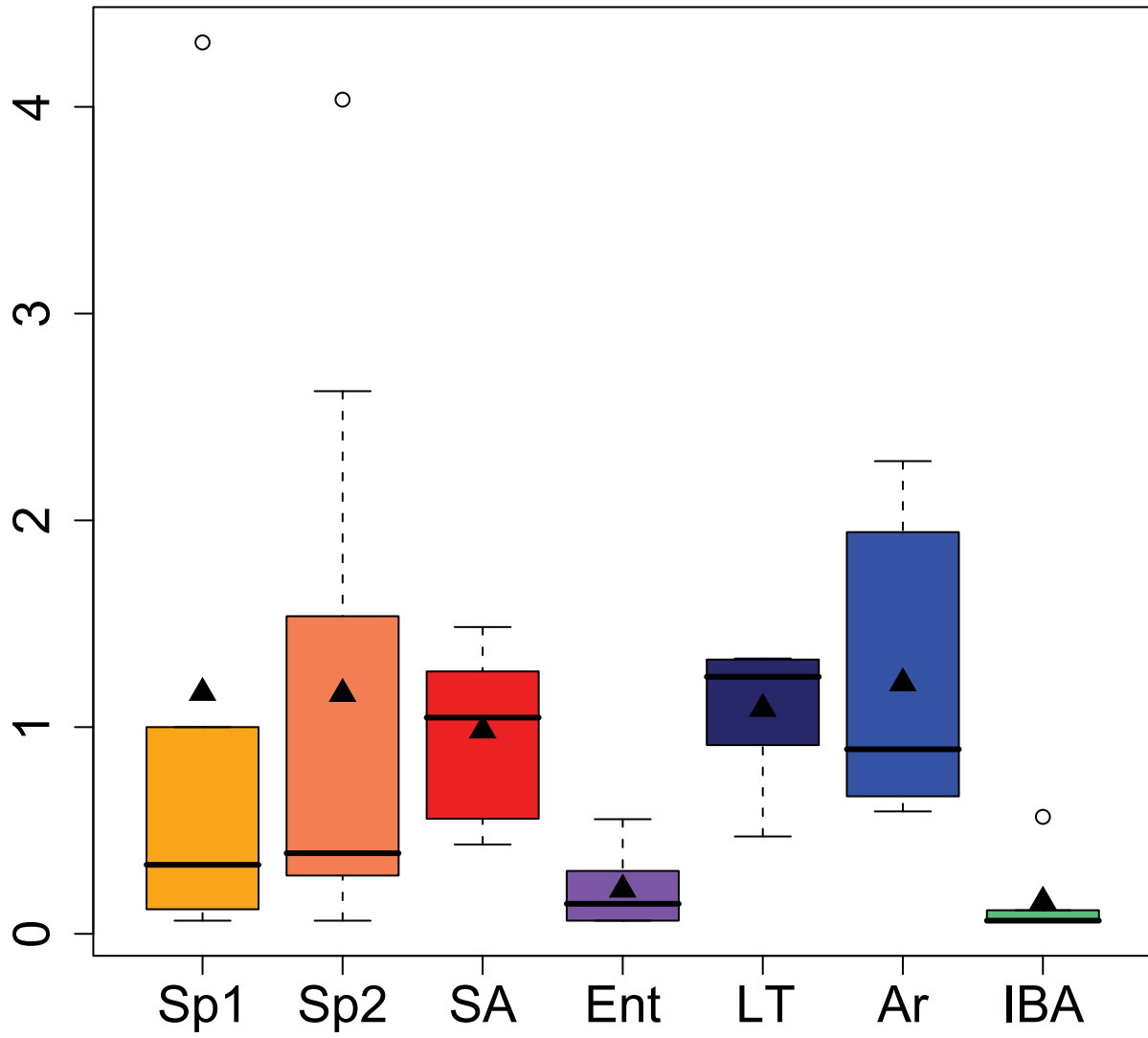
# gamma-glutamyltyrosine



# catechol-sulfate

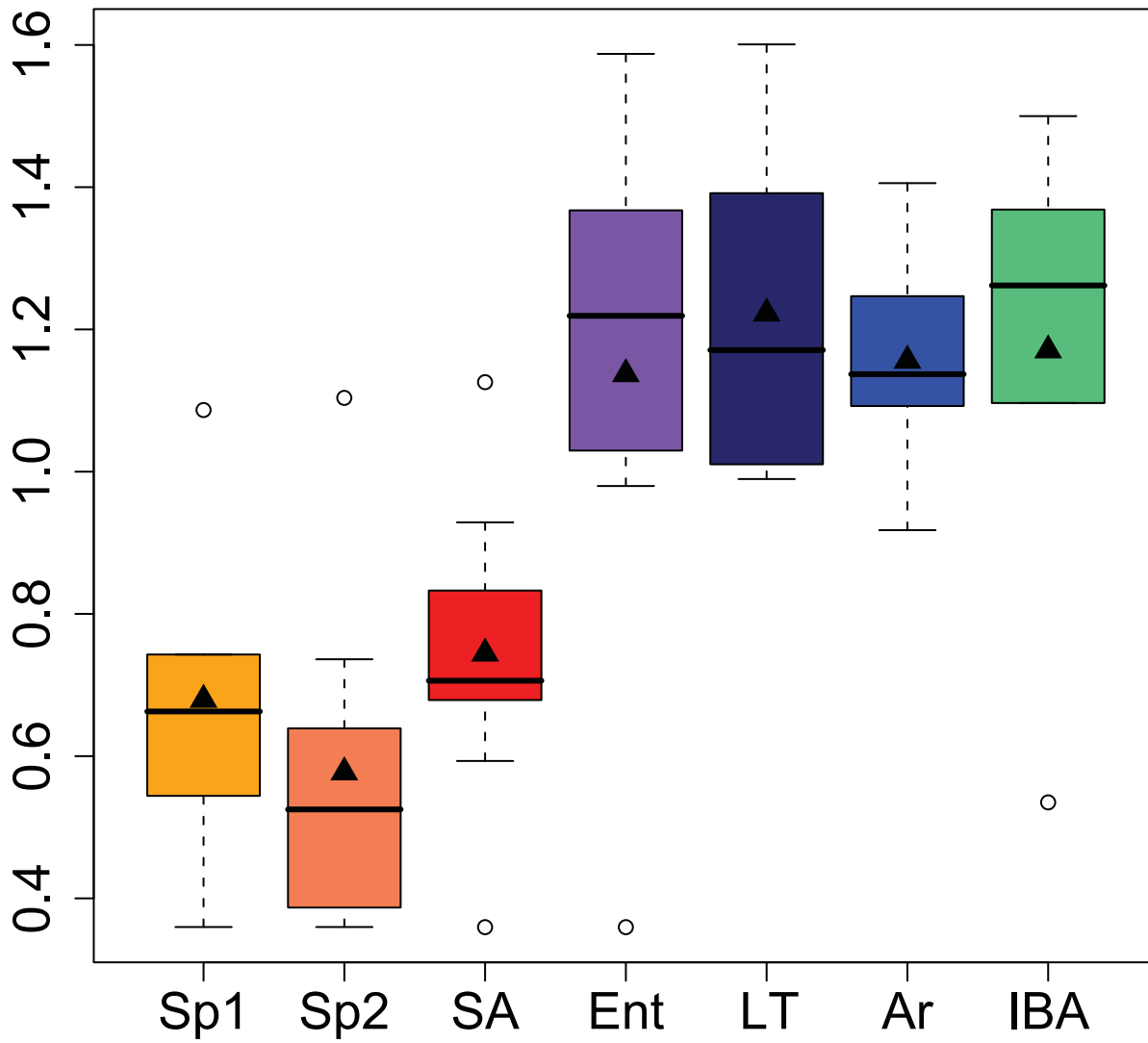


# hippurate

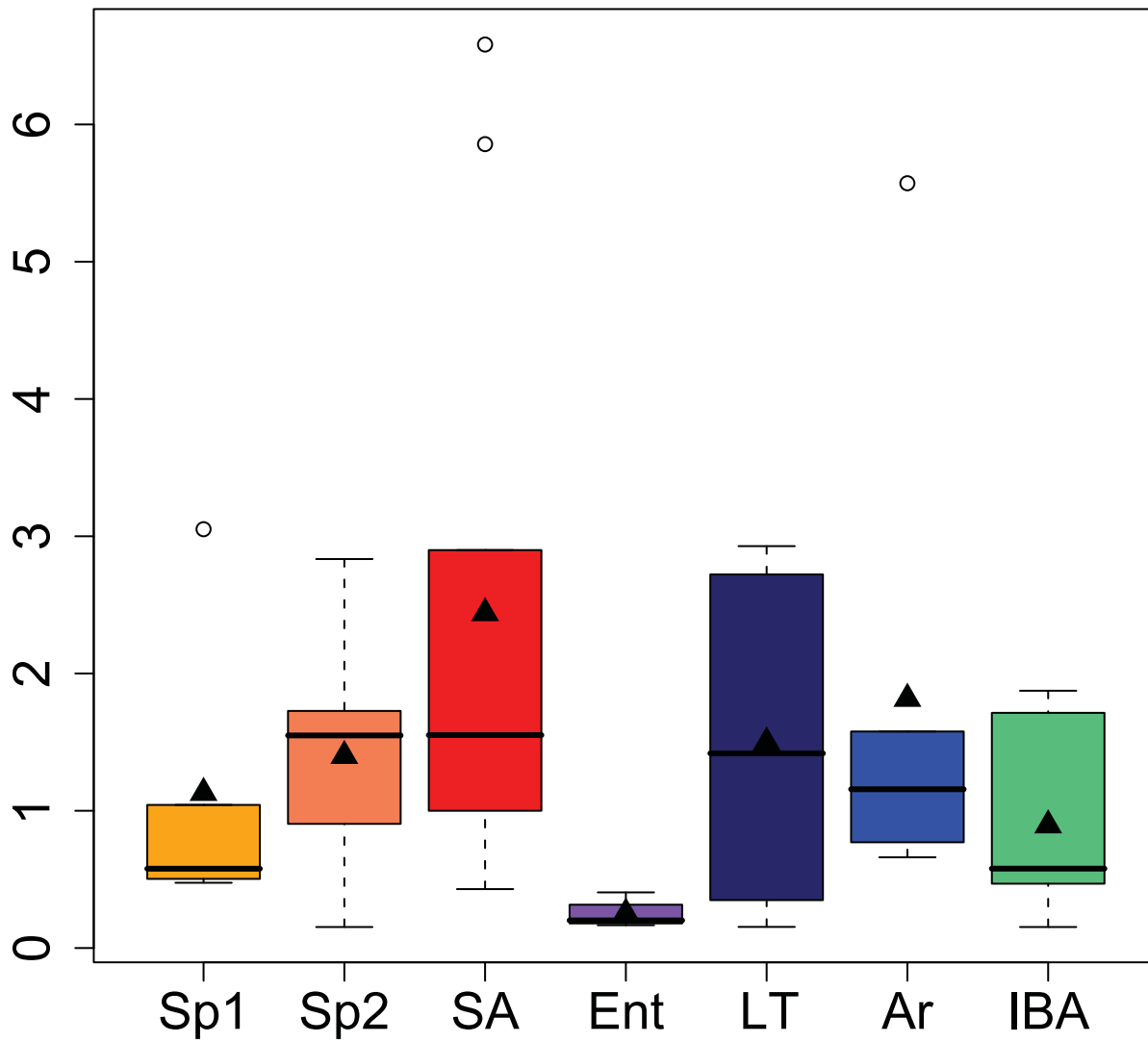




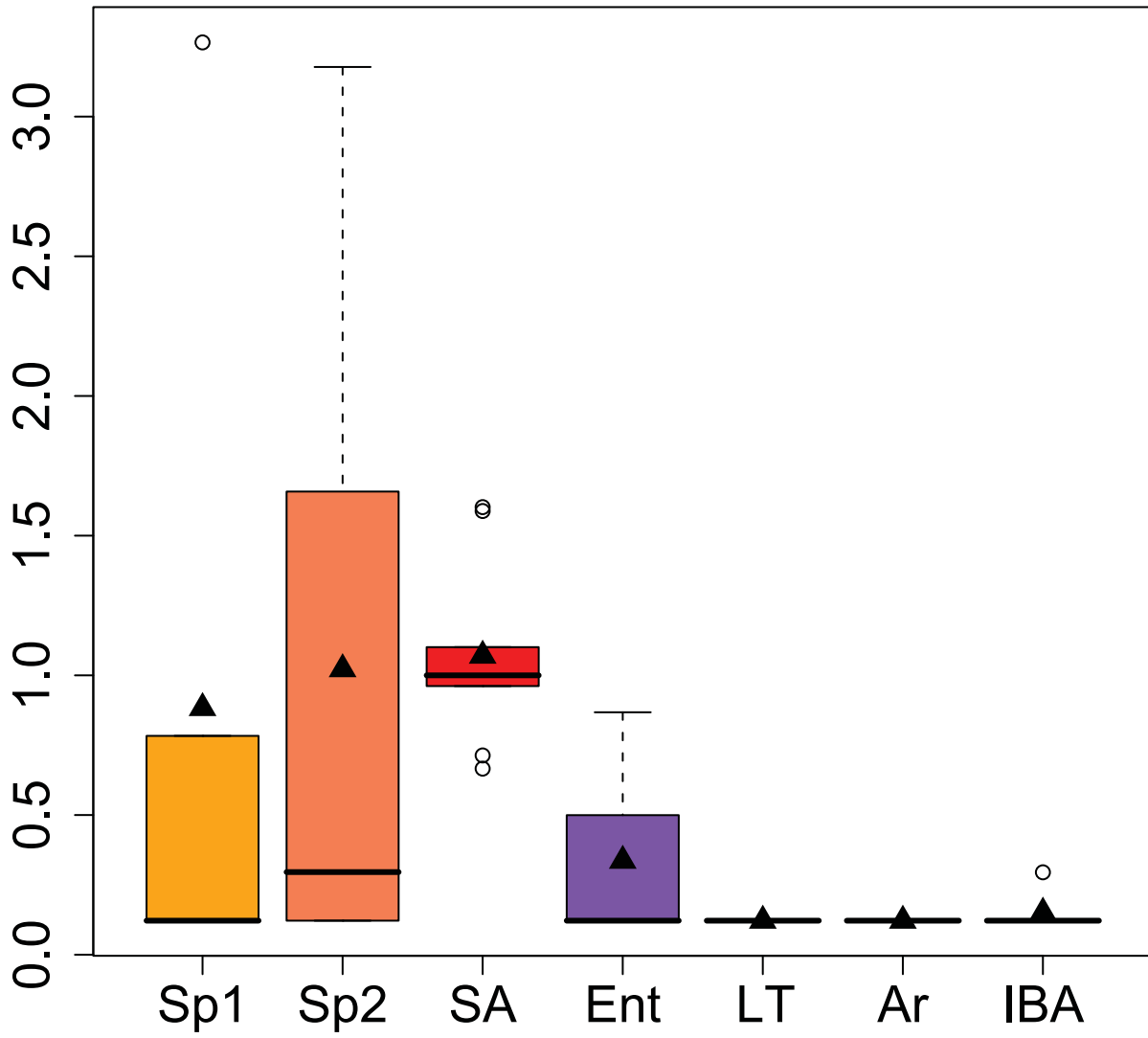
glycerol 2-phosphate



# phenol sulfate

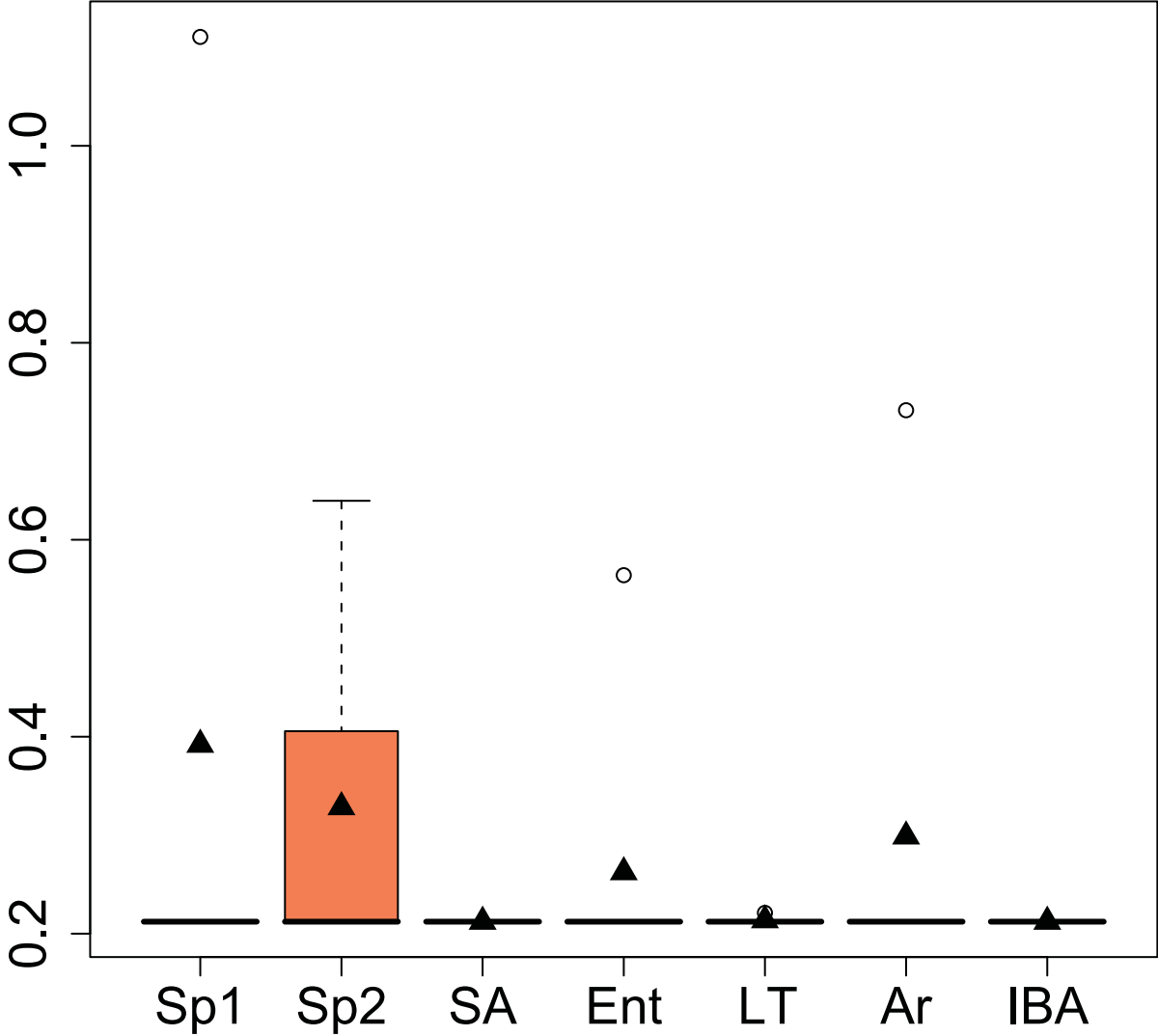


### 3-phenylpropionate (hydrocinnamate)

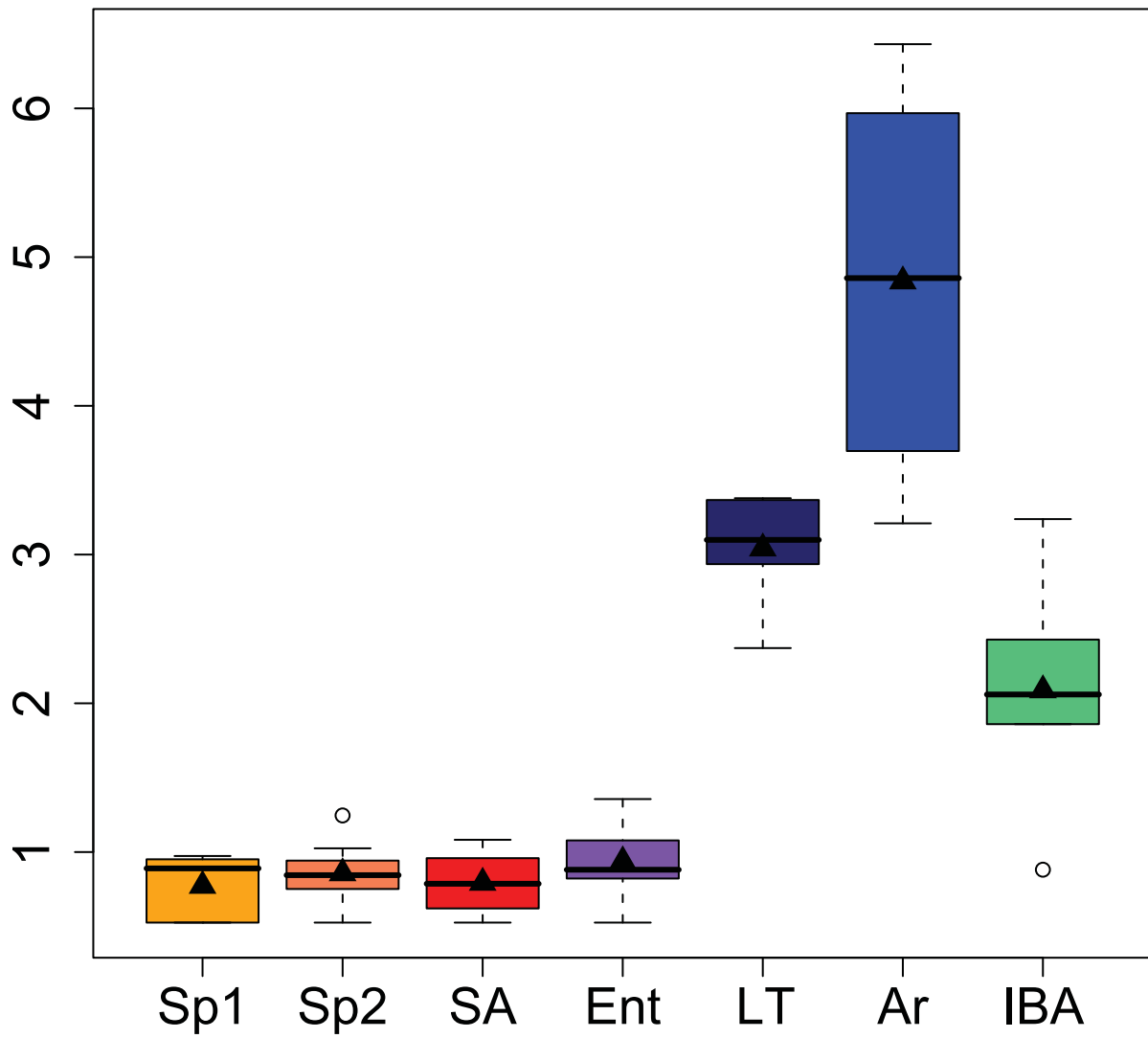




quinate



# erythritol



galactarate (mucic acid)

