

1,REACTOME_MRNA_SPLICING

Value

0.4

0.2

0.0

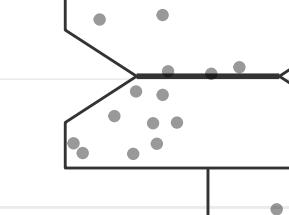
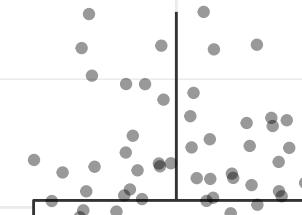
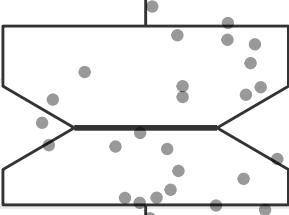
-0.2

Group 3

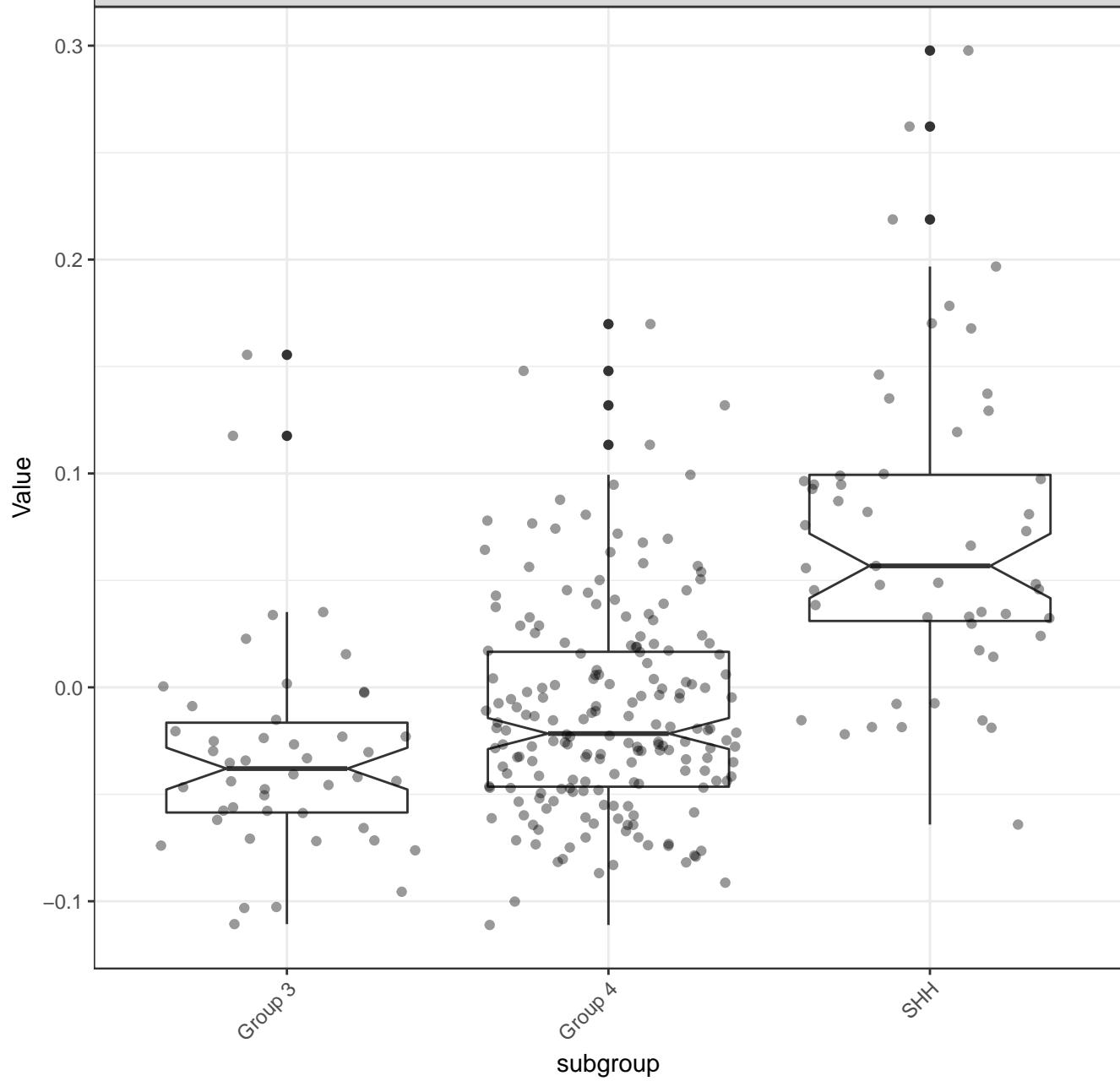
Group 4

SHH

subgroup



2,SVM Monocytes



3,REACTOME_TRANSMISSION_ACROSS_CHEMICAL_SYNAPSES

Value

0.4

0.2

0.0

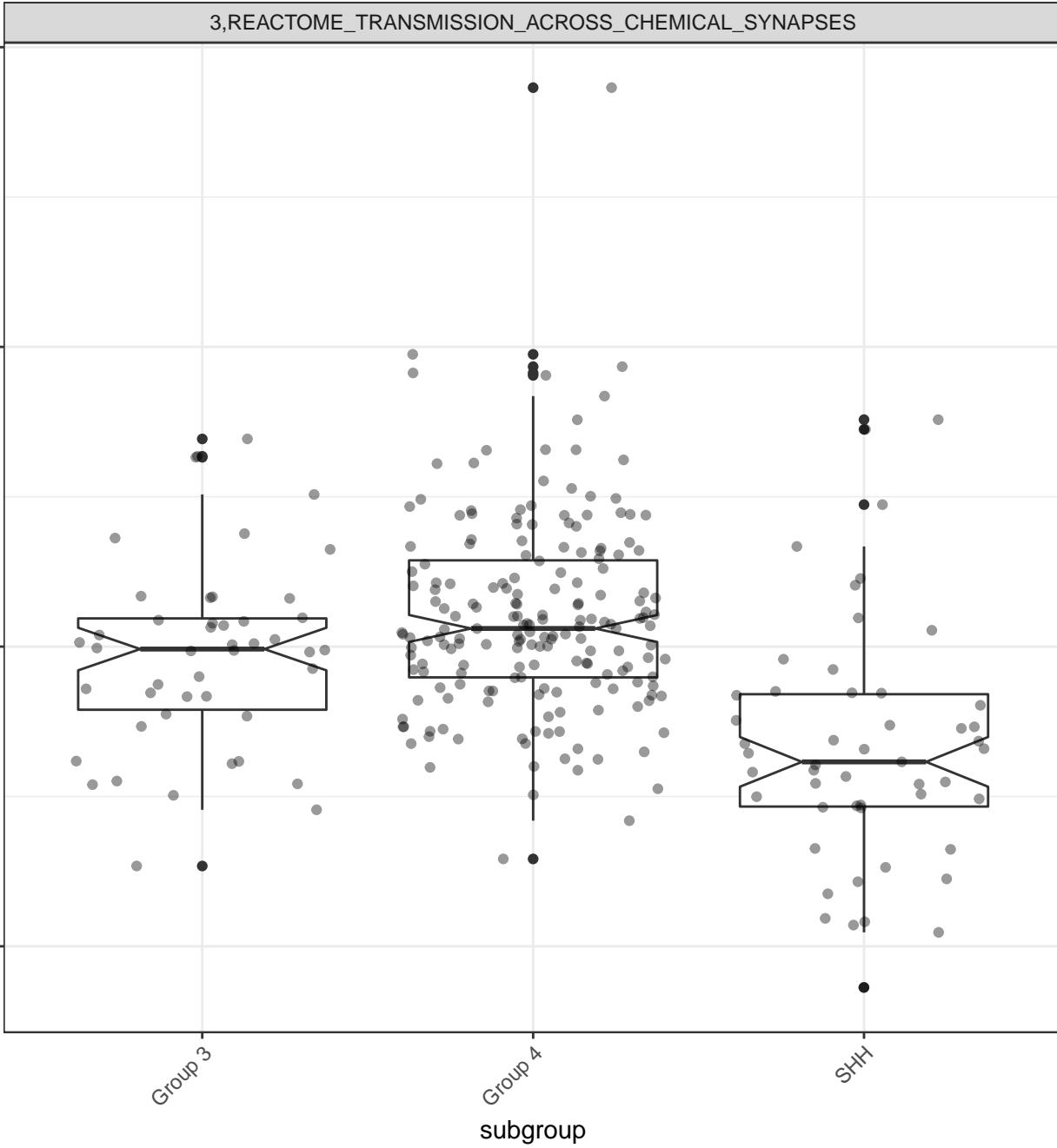
-0.2

Group 3

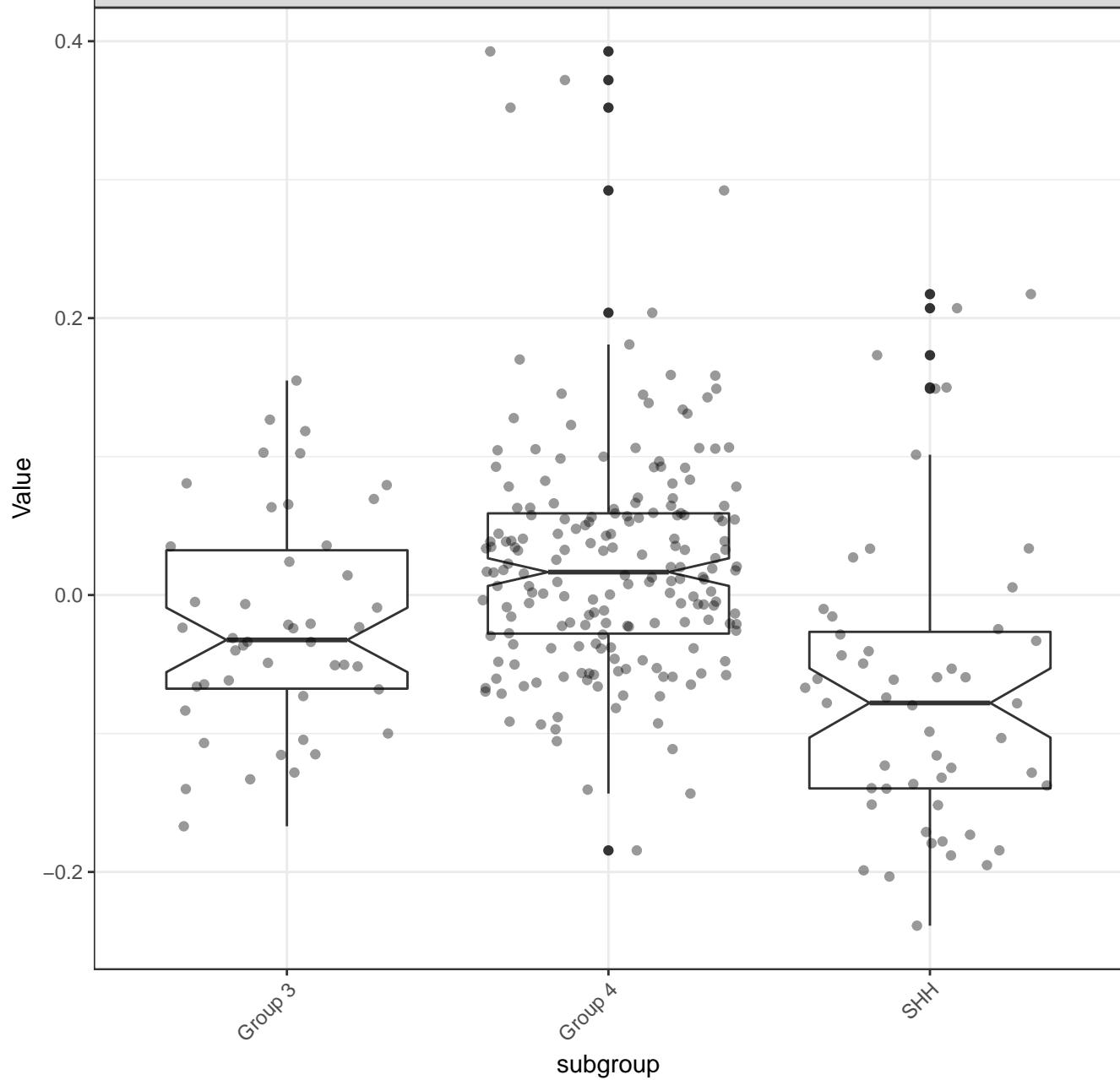
Group 4

SHH

subgroup



4,REACTOME_NEURONAL_SYSTEM



LV 5

Value

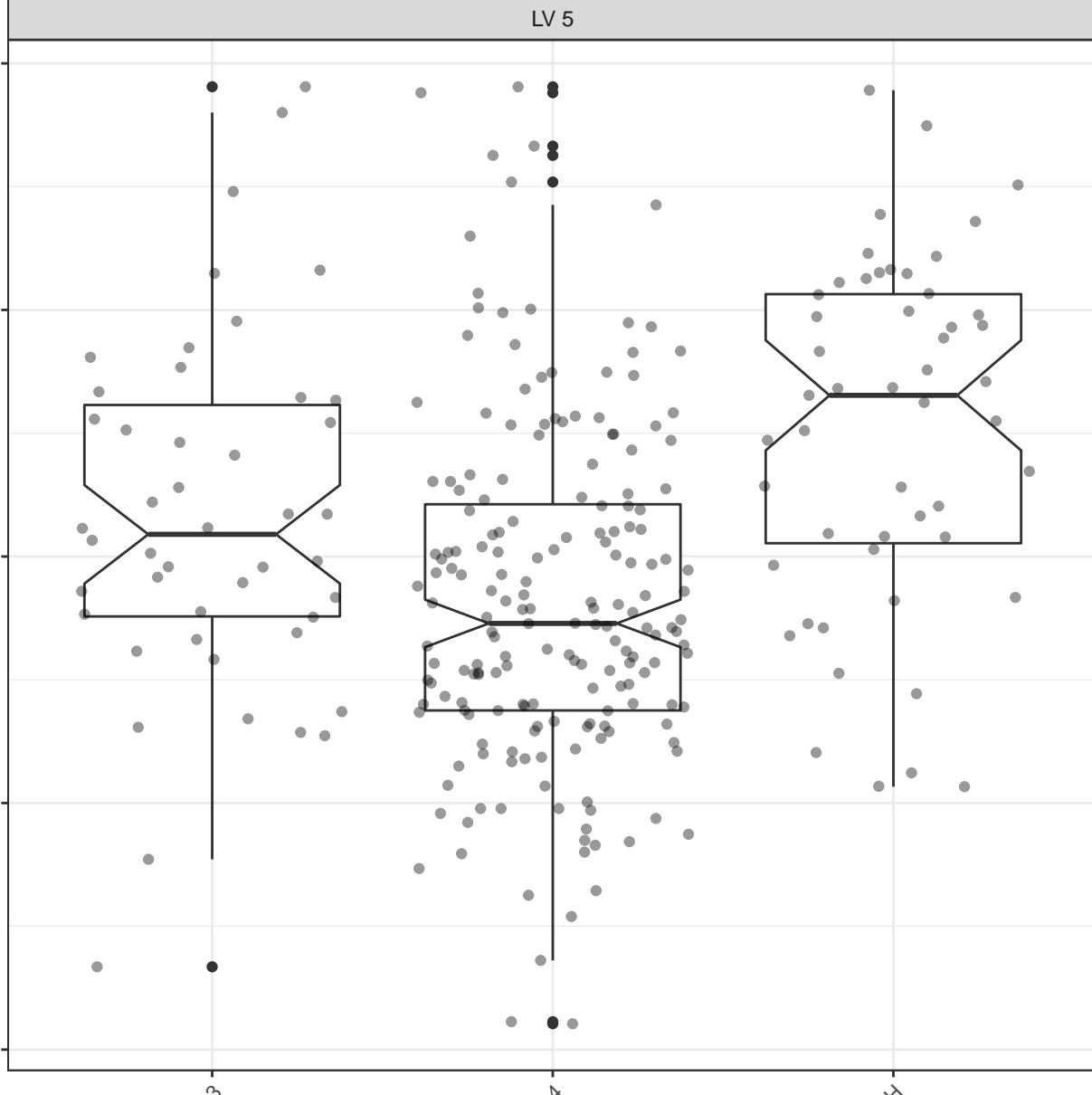
0.06
0.03
0.00
-0.03
-0.06

Group 3

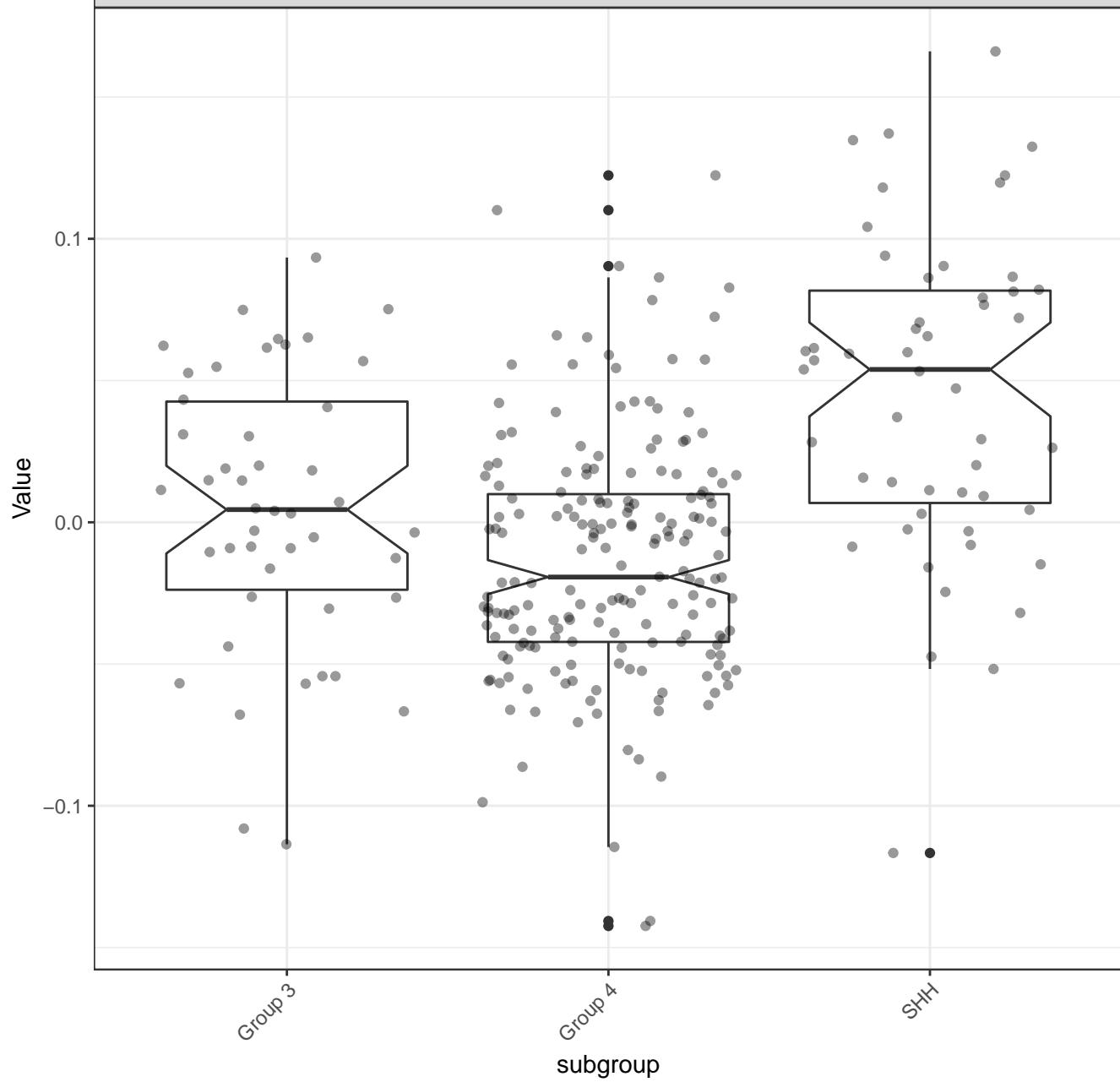
subgroup

Group 4

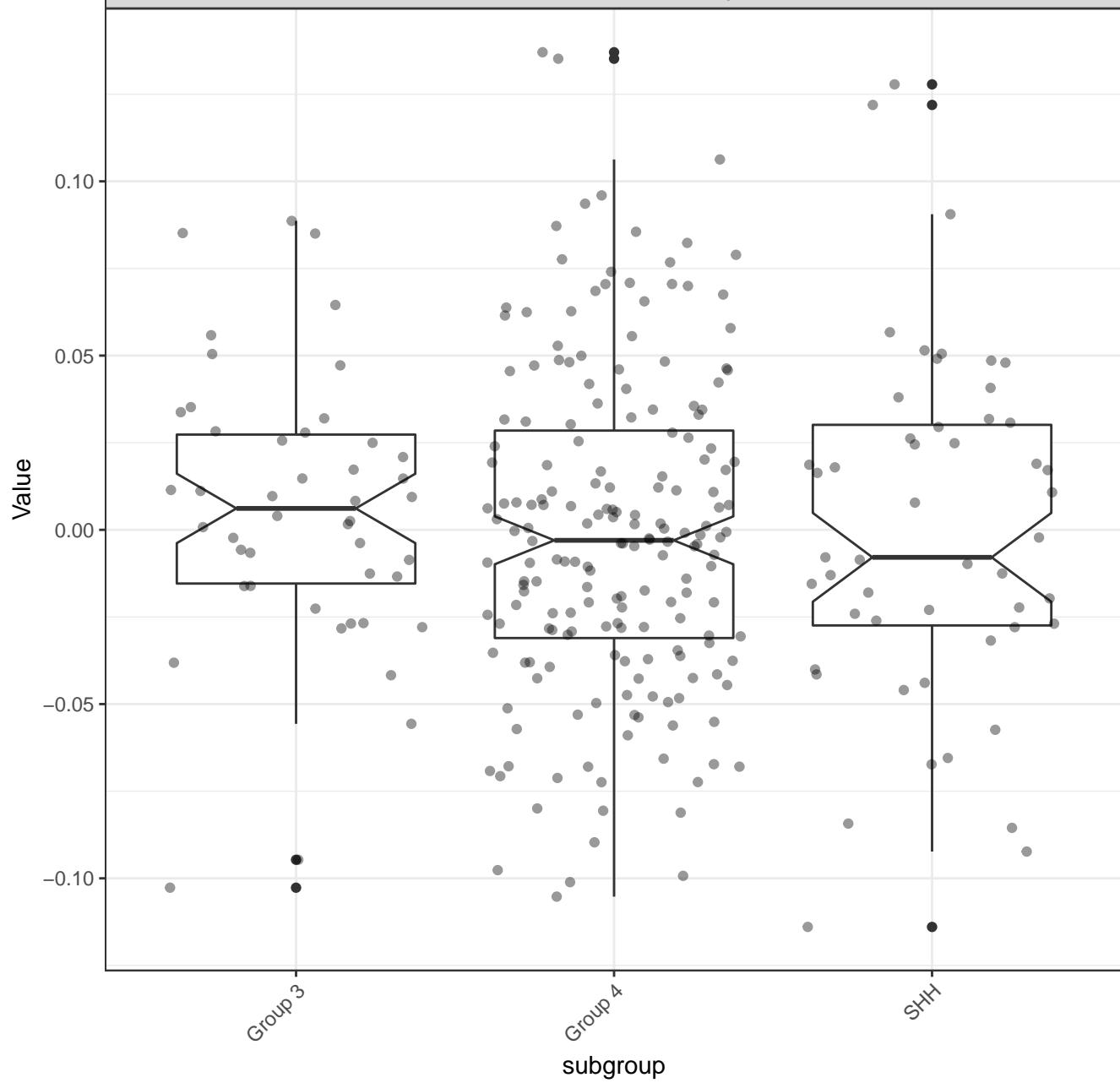
SHH



LV 6



7,IRIS_Neutrophil-Resting



8,KEGG_PPAR_SIGNALING_PATHWAY

Value

0.10

0.05

0.00

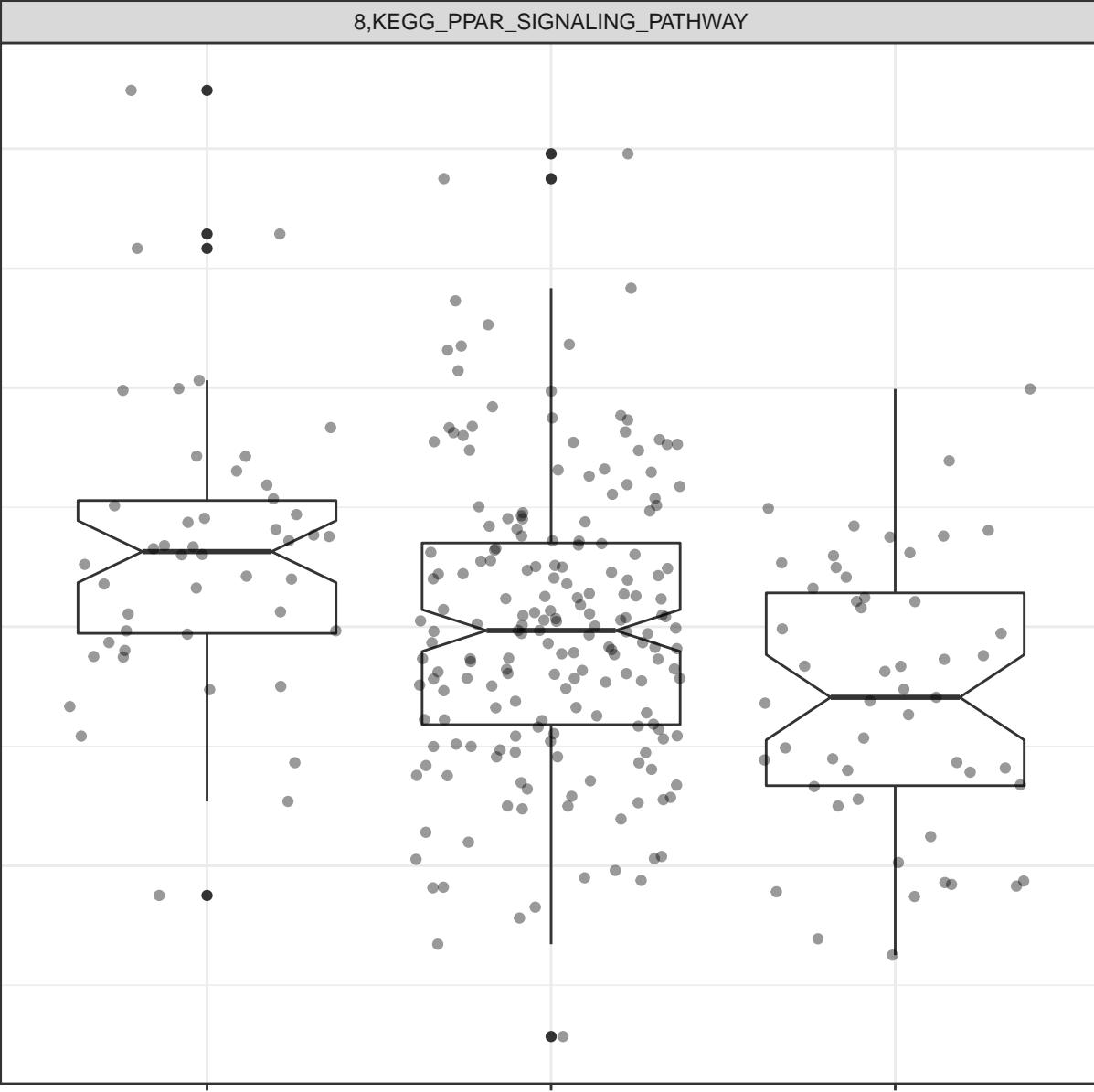
-0.05

Group 3

subgroup

Group 4

SHH



LV 9

Value

0.2

0.1

0.0

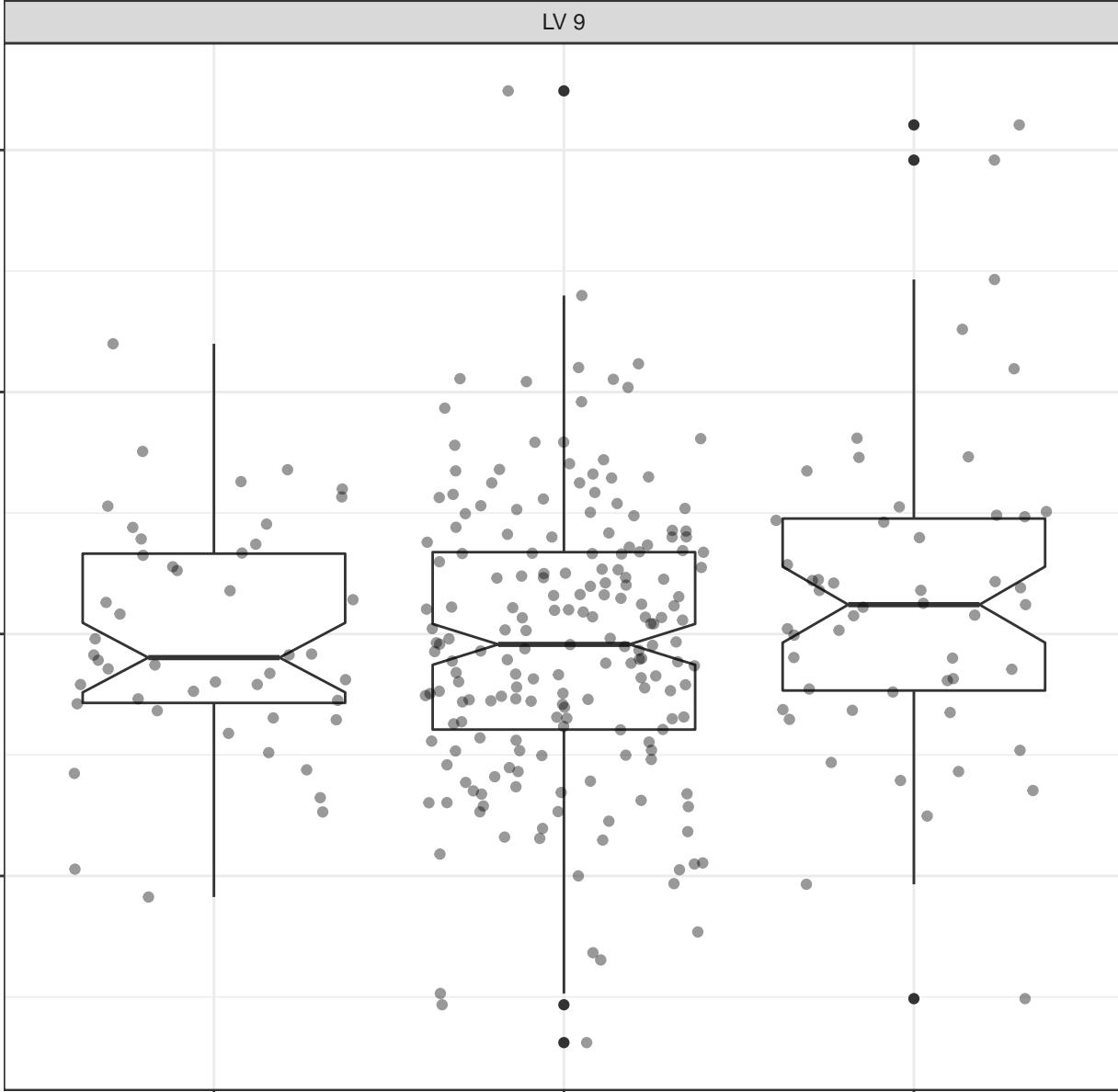
-0.1

Group 3

subgroup

Group 4

SHH



10,SVM Macrophages M0

Value

0.2

0.1

0.0

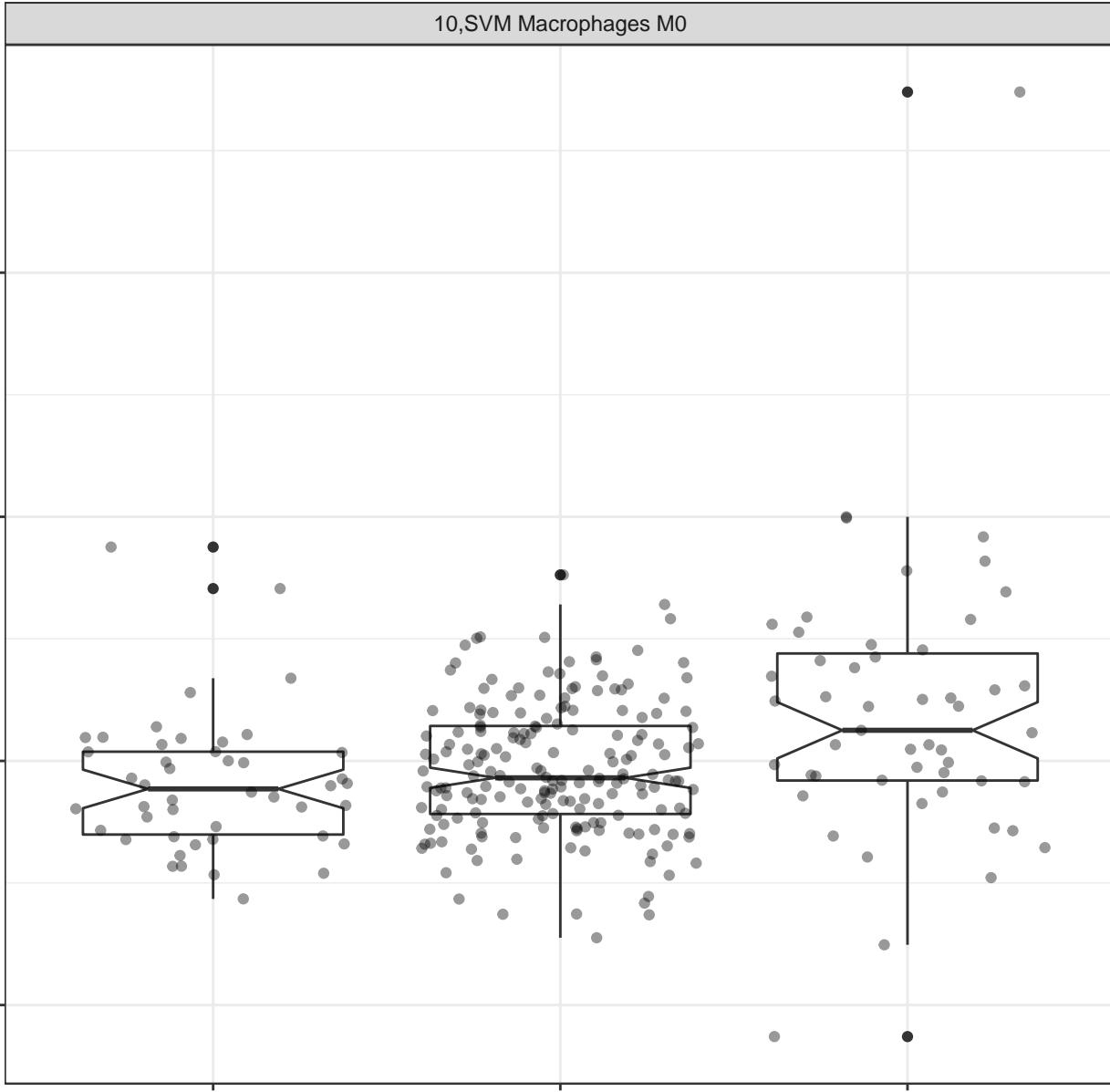
-0.1

Group 3

Group 4

SHH

subgroup



LV 11

Value

0.10

0.05

0.00

-0.05

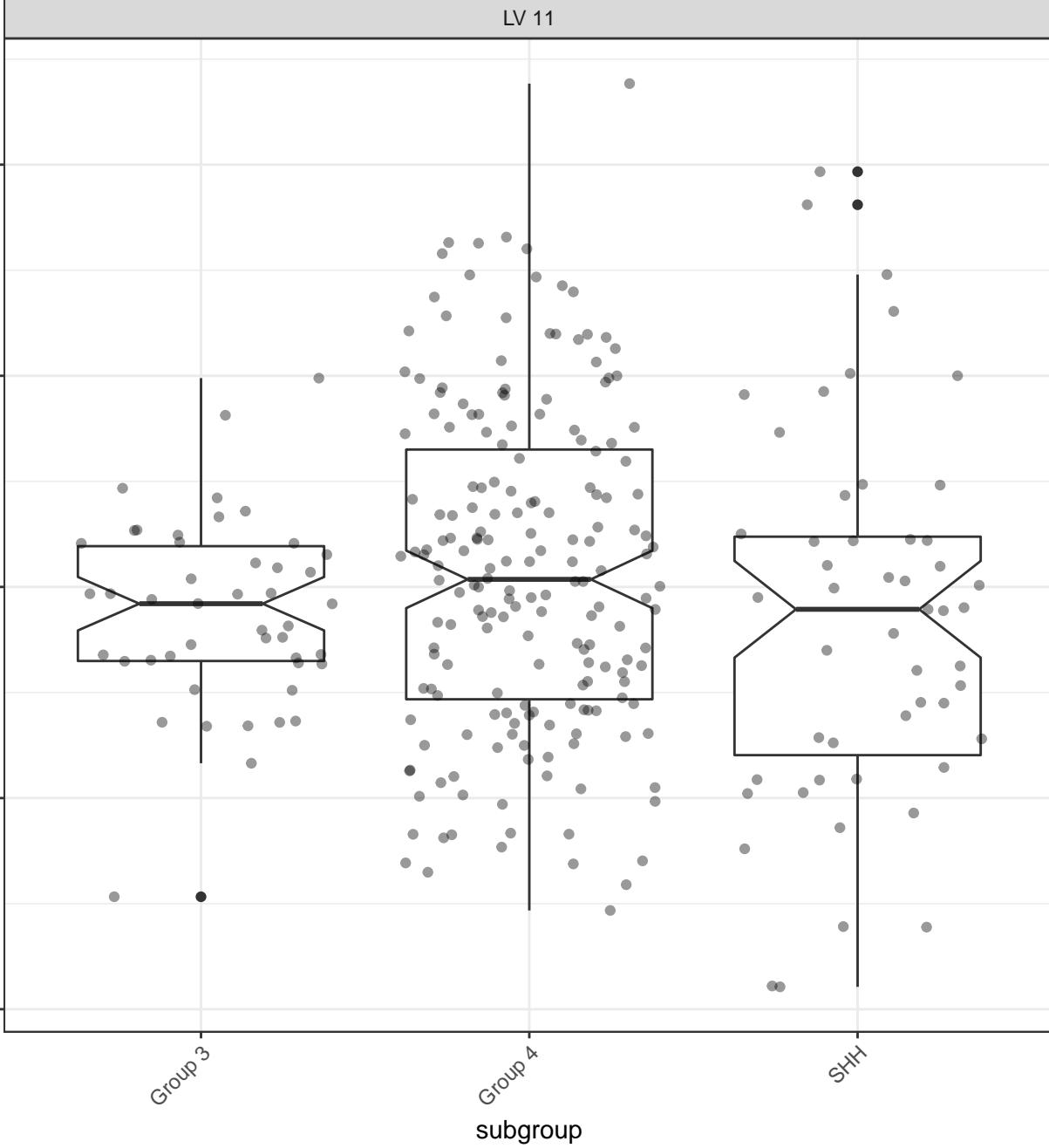
-0.10

Group 3

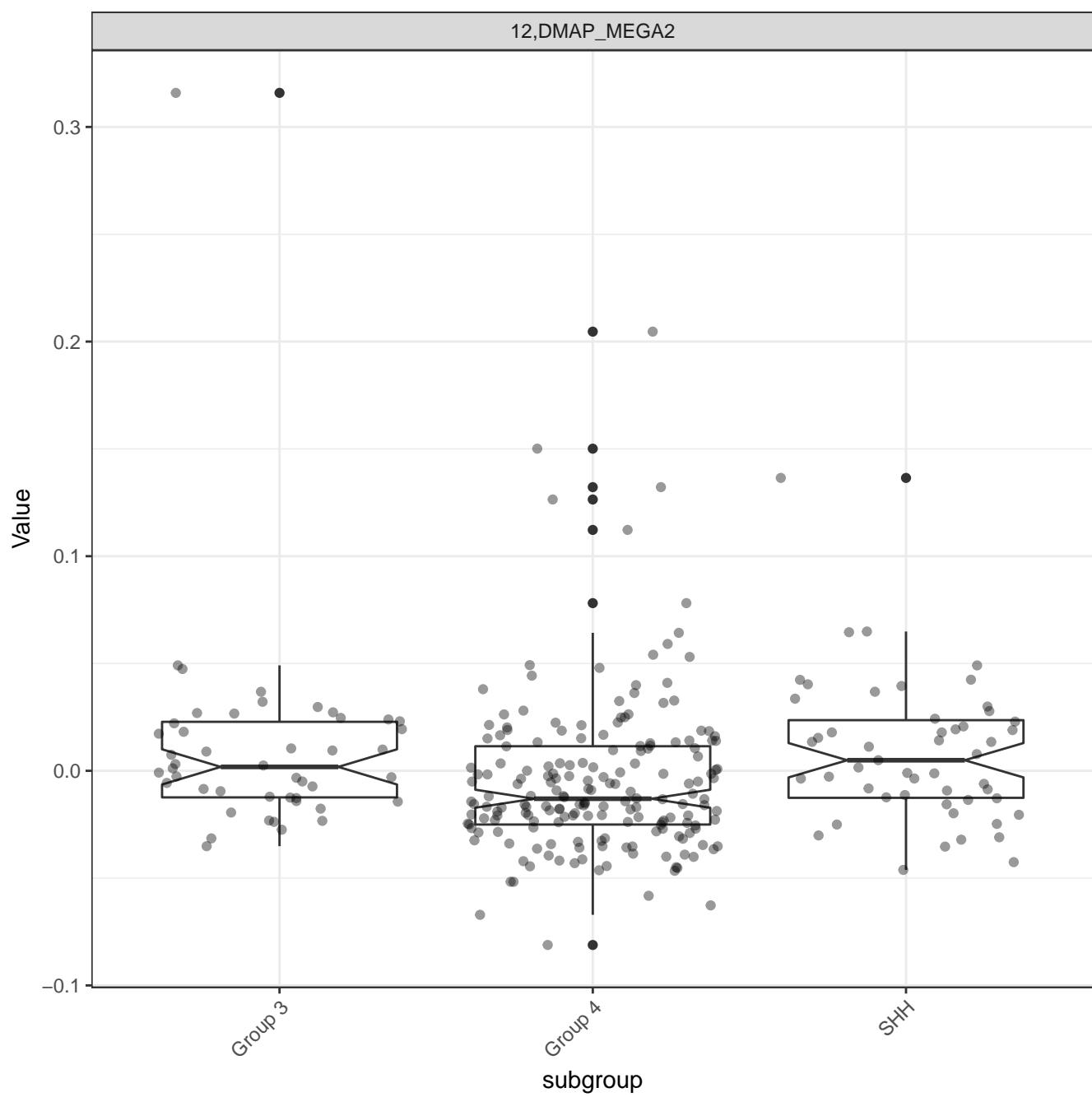
Group 4

SHH

subgroup



12,DMAP_MEGA2



13,REACTOME_GLUCOSE_METABOLISM

Value

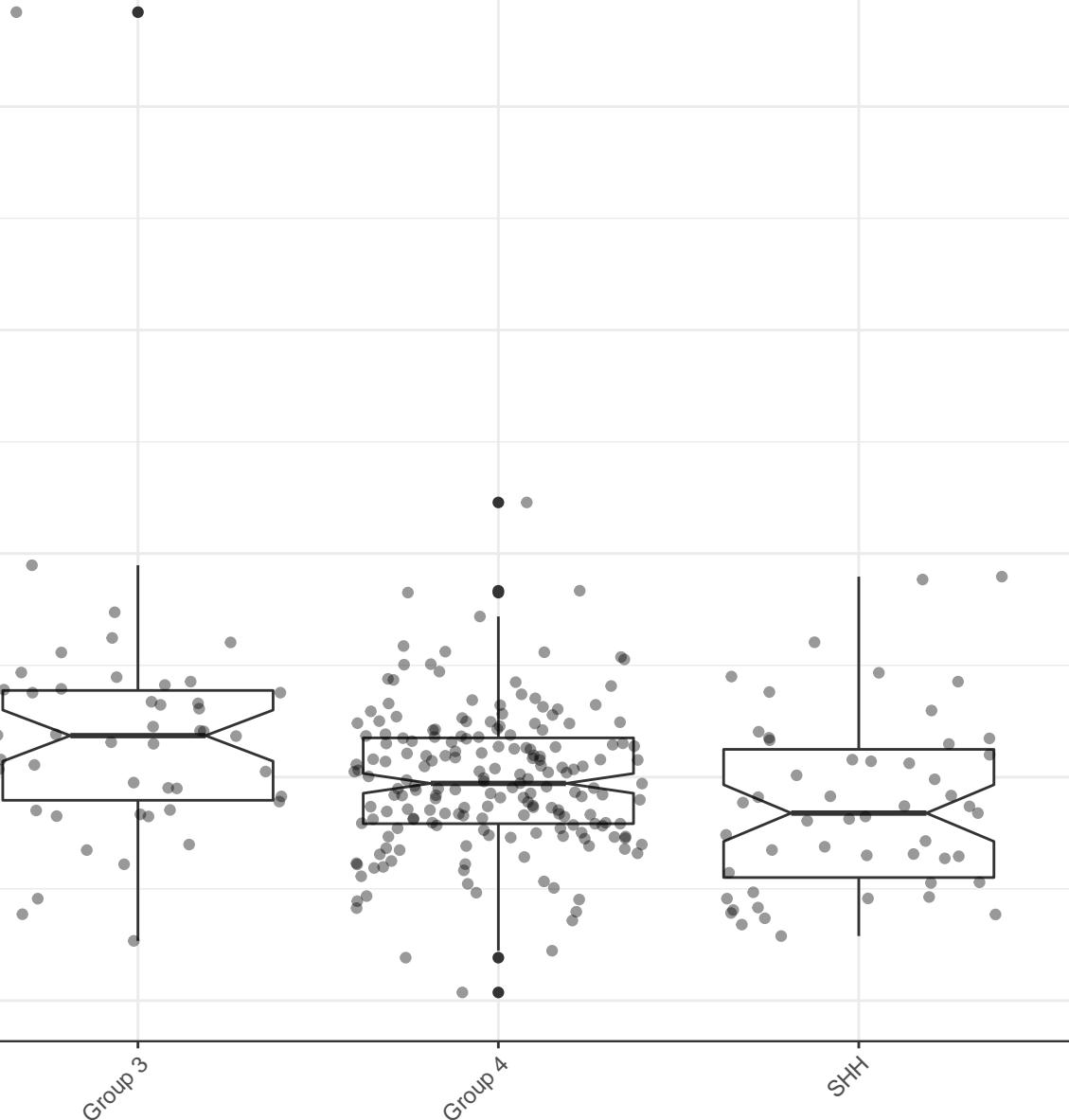
0.3
0.2
0.1
0.0
-0.1

Group 3

Group 4

SHH

subgroup



LV 14

Value

0.10

0.05

0.00

-0.05

-0.10

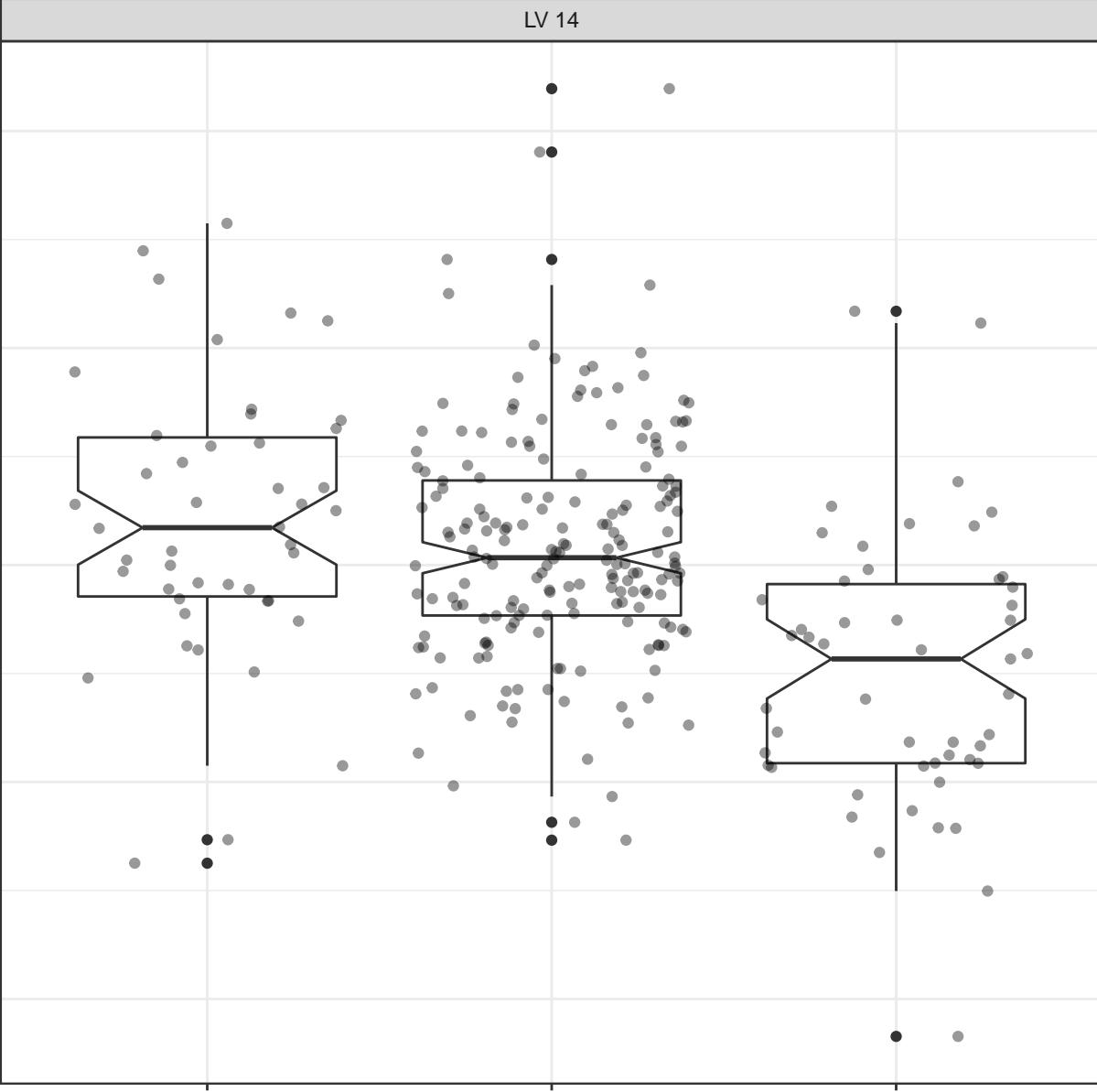
Group 3

subgroup

SHH

Group 4

LV 14



LV 15

Value

0.1

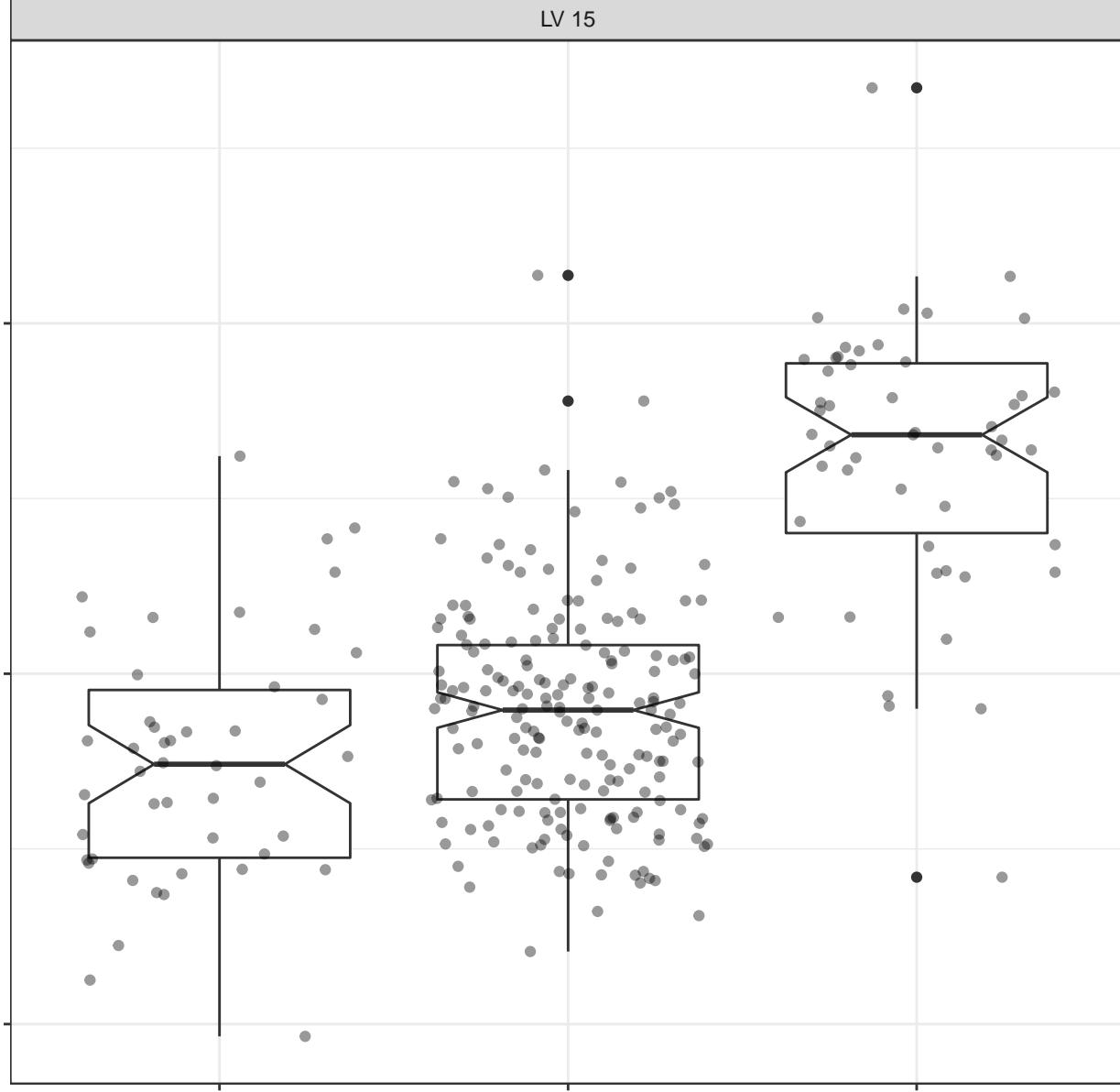
0.0

-0.1

Group³Group⁴

SHH

subgroup



LV 16

Value

0.1

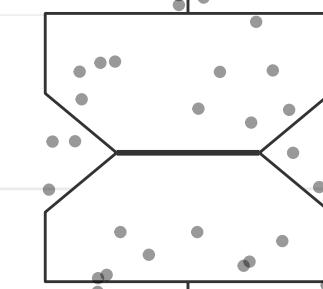
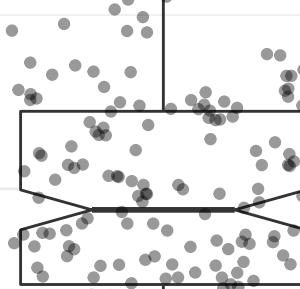
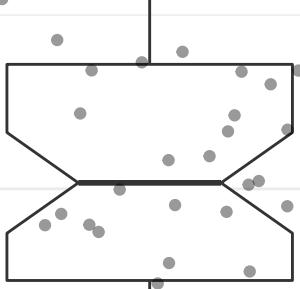
0.0

-0.1

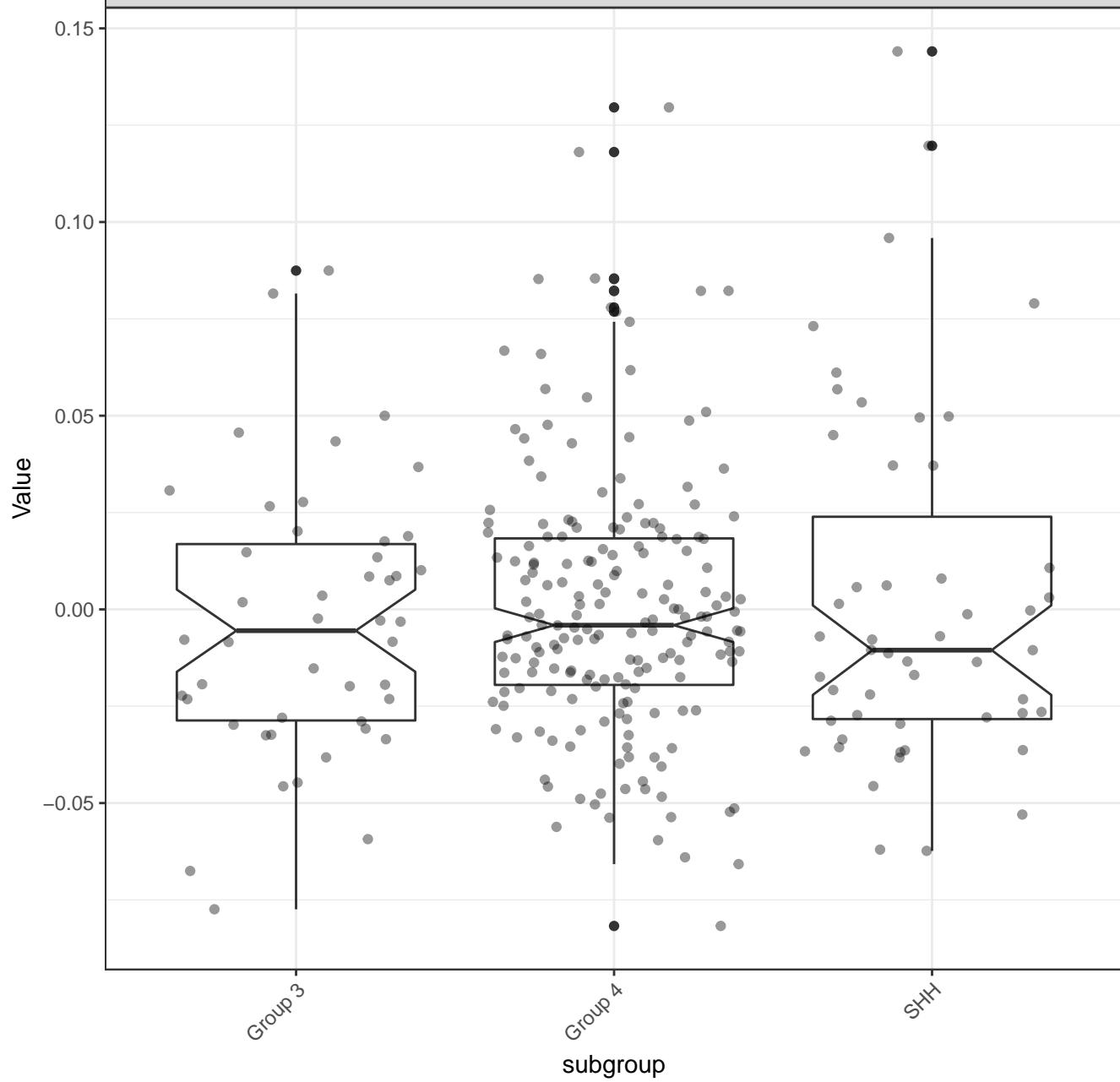
Group³

subgroup

SHH



17,SVM NK cells resting



18,REACTOME_PHASE1_FUNCTIONALIZATION_OF_COMPOUNDS

Vvalue

0.1

0.0

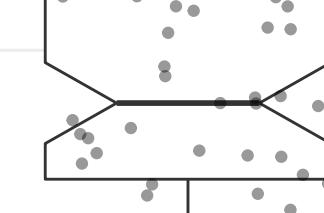
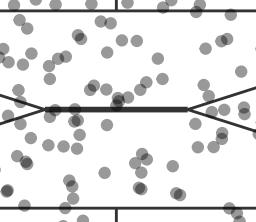
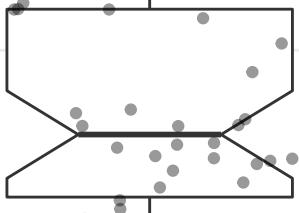
-0.1

Group³

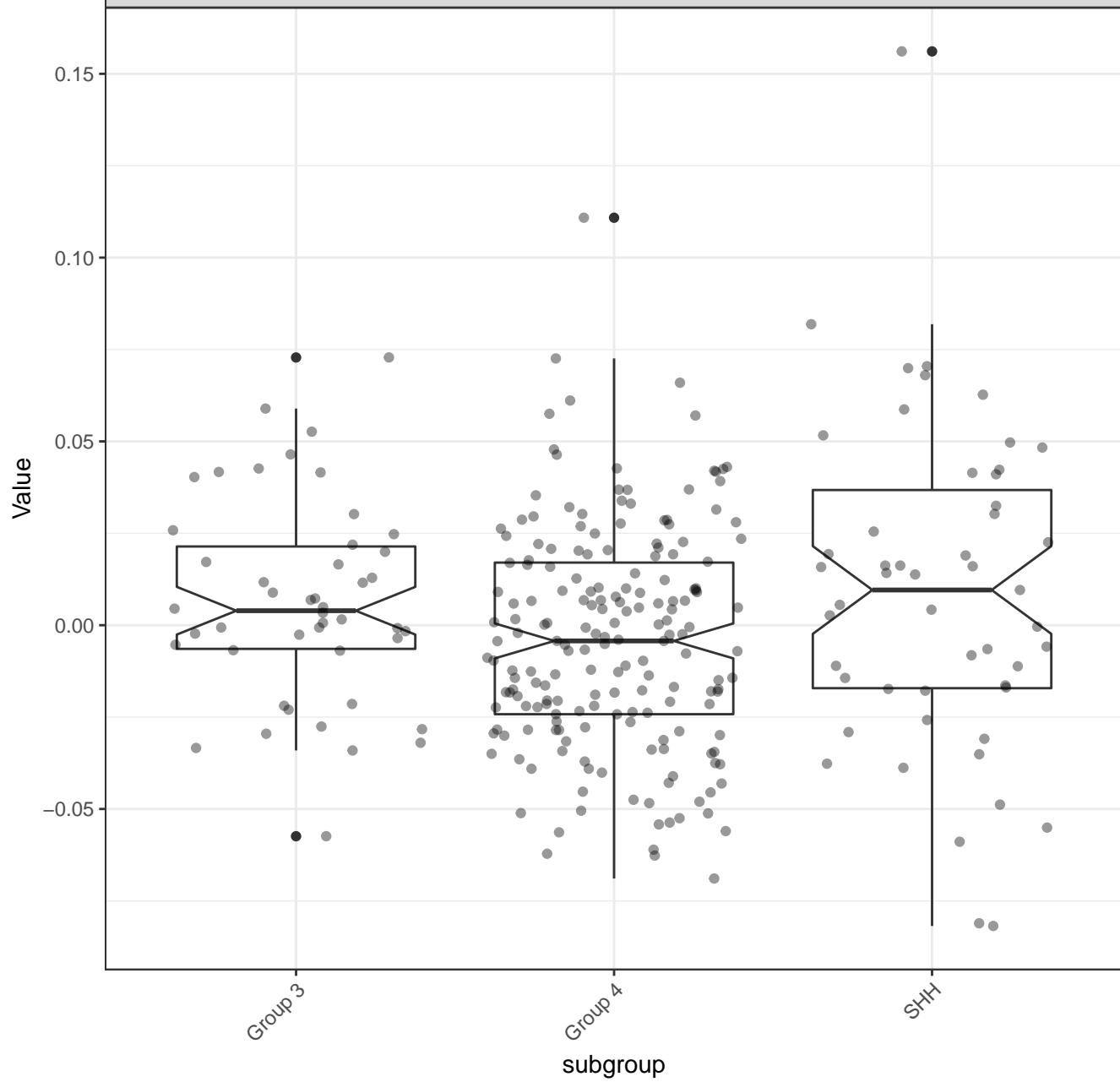
Group⁴

SHH

subgroup



LV 19



20,KEGG_NEUROACTIVE_LIGAND_RECEPTOR_INTERACTION

Value

0.10

0.05

0.00

-0.05

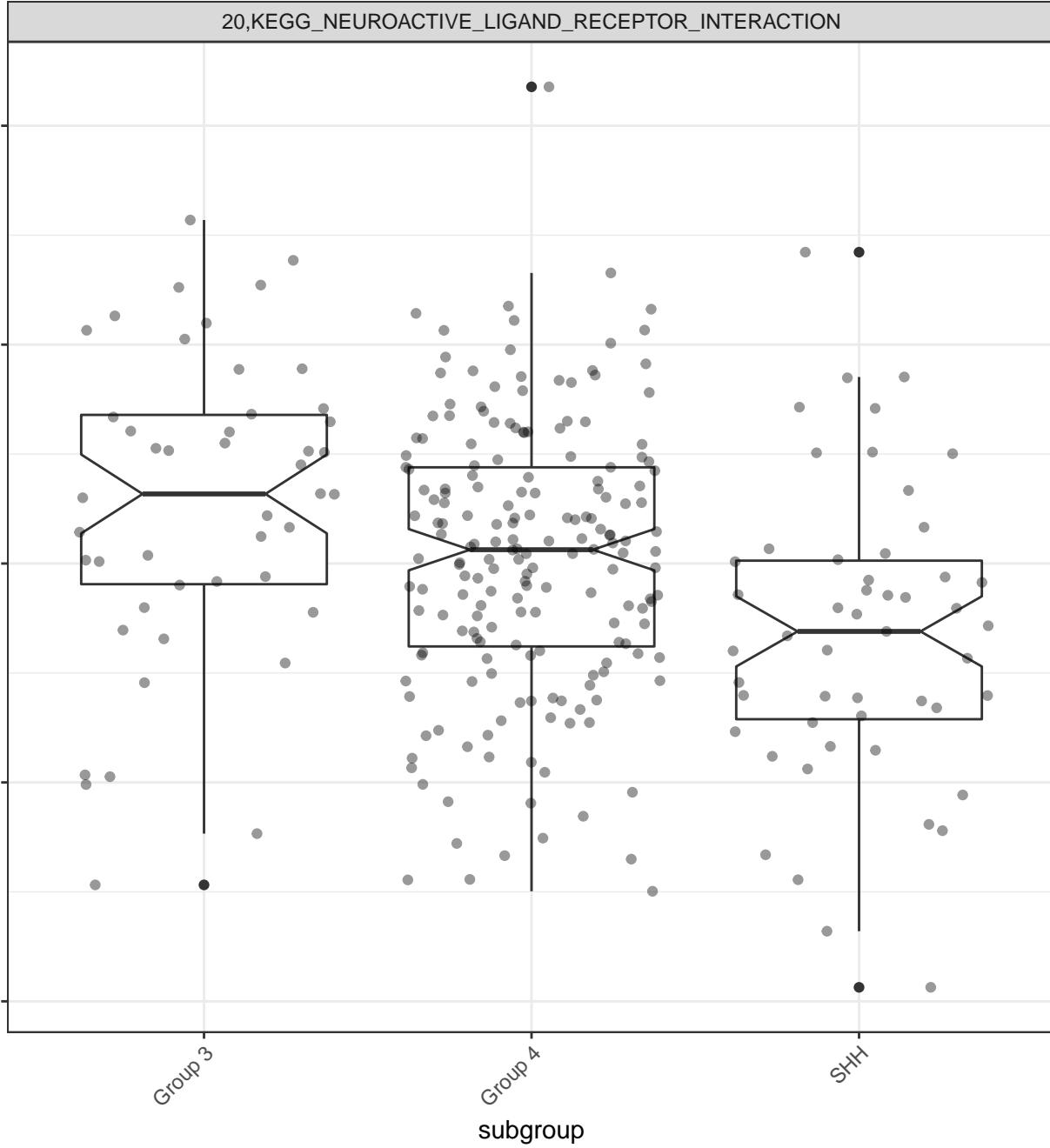
-0.10

Group 3

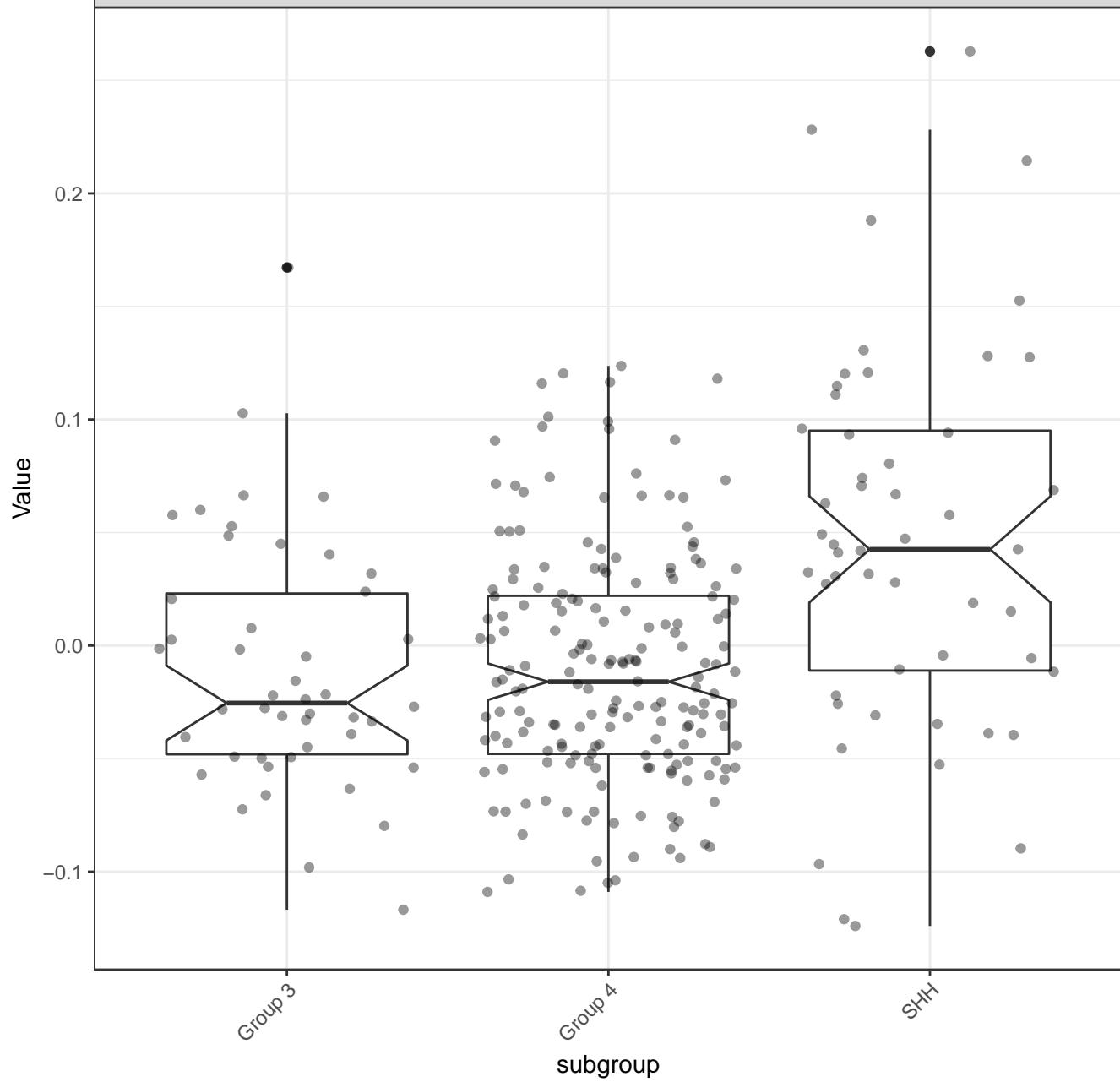
Group 4

SHH

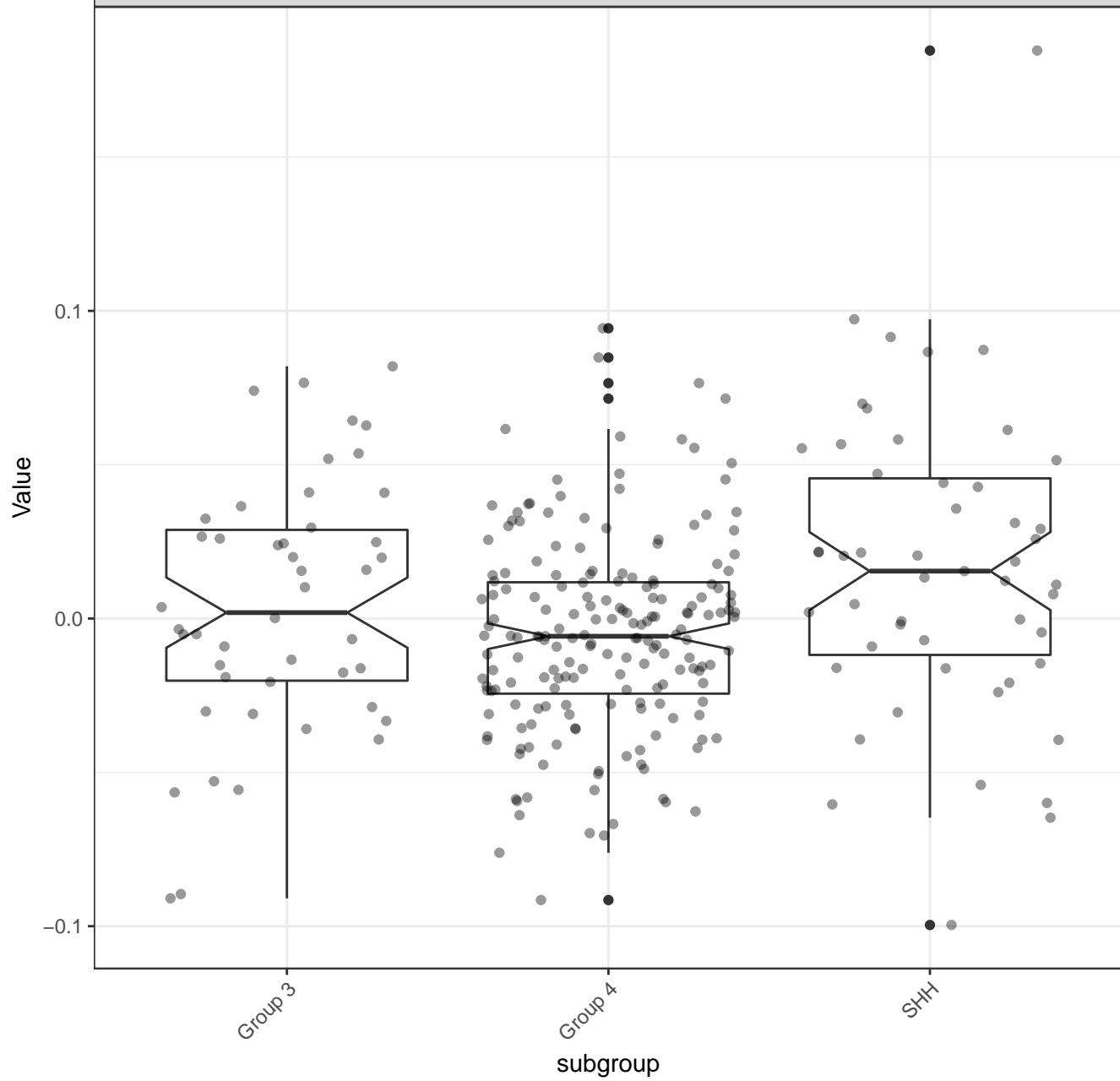
subgroup



LV 21



22,KEGG_PPAR_SIGNALING_PATHWAY



LV 23

Value

0.10

0.05

0.00

-0.05

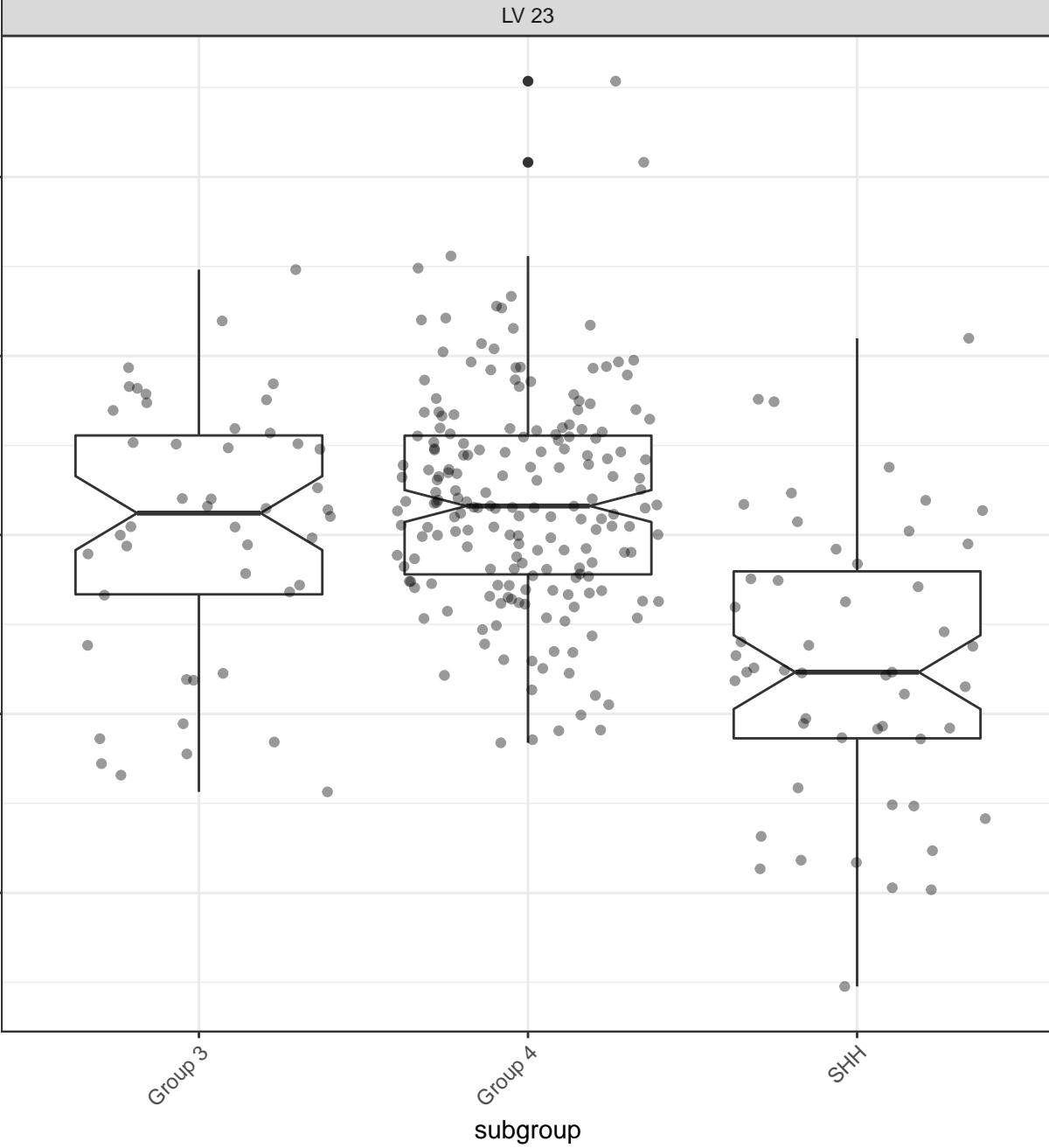
-0.10

Group 3

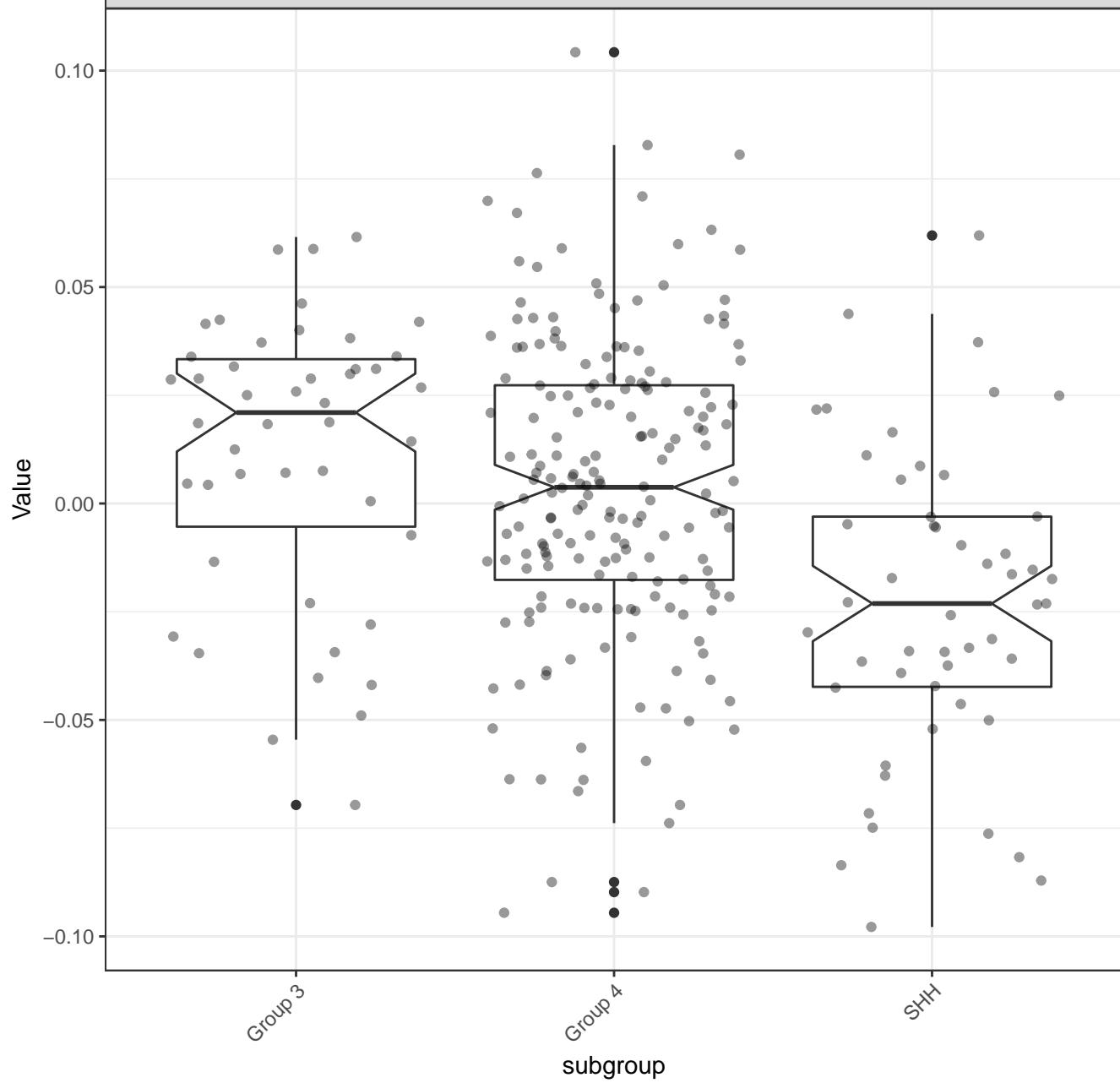
Group 4

SHH

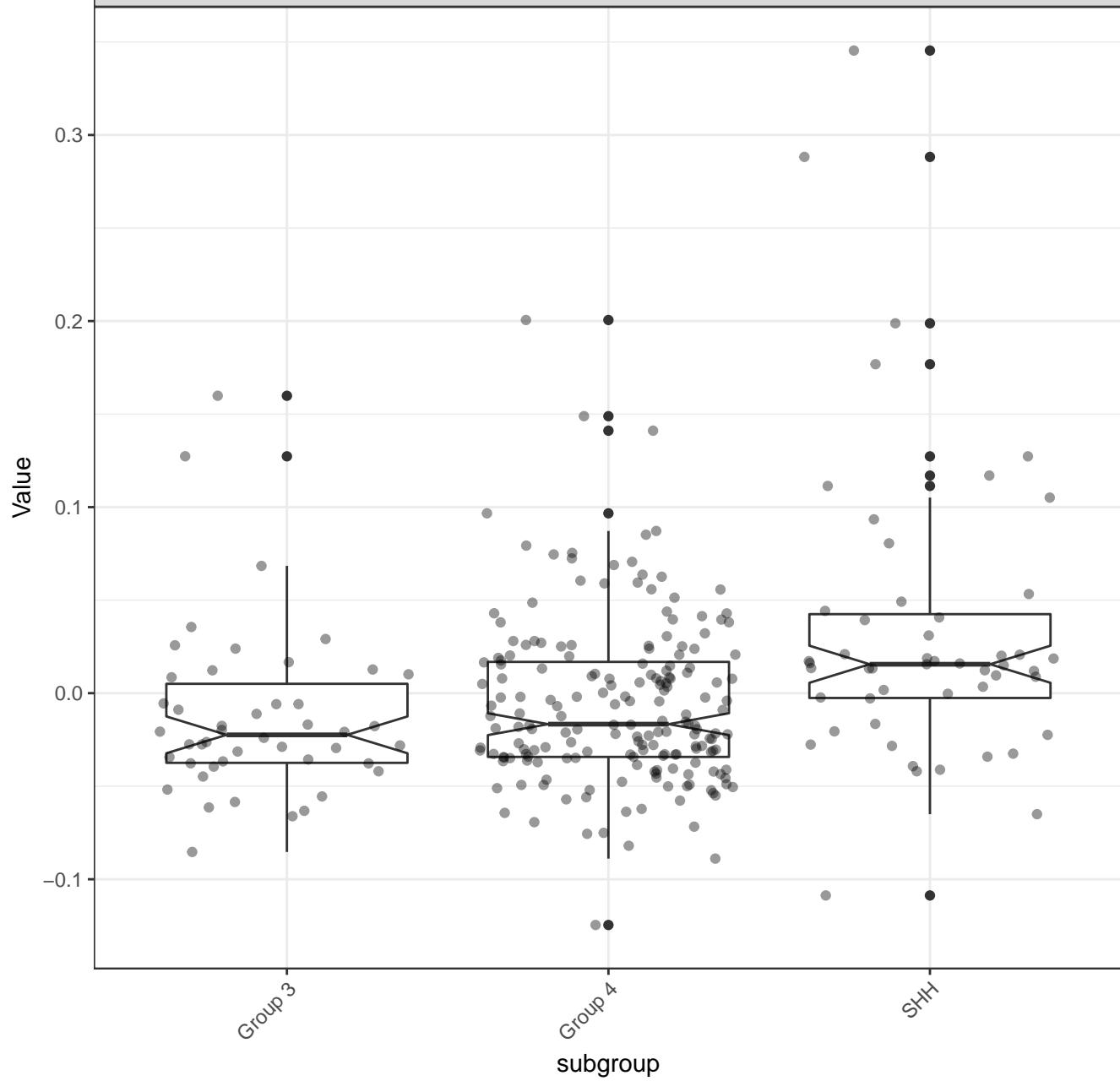
subgroup



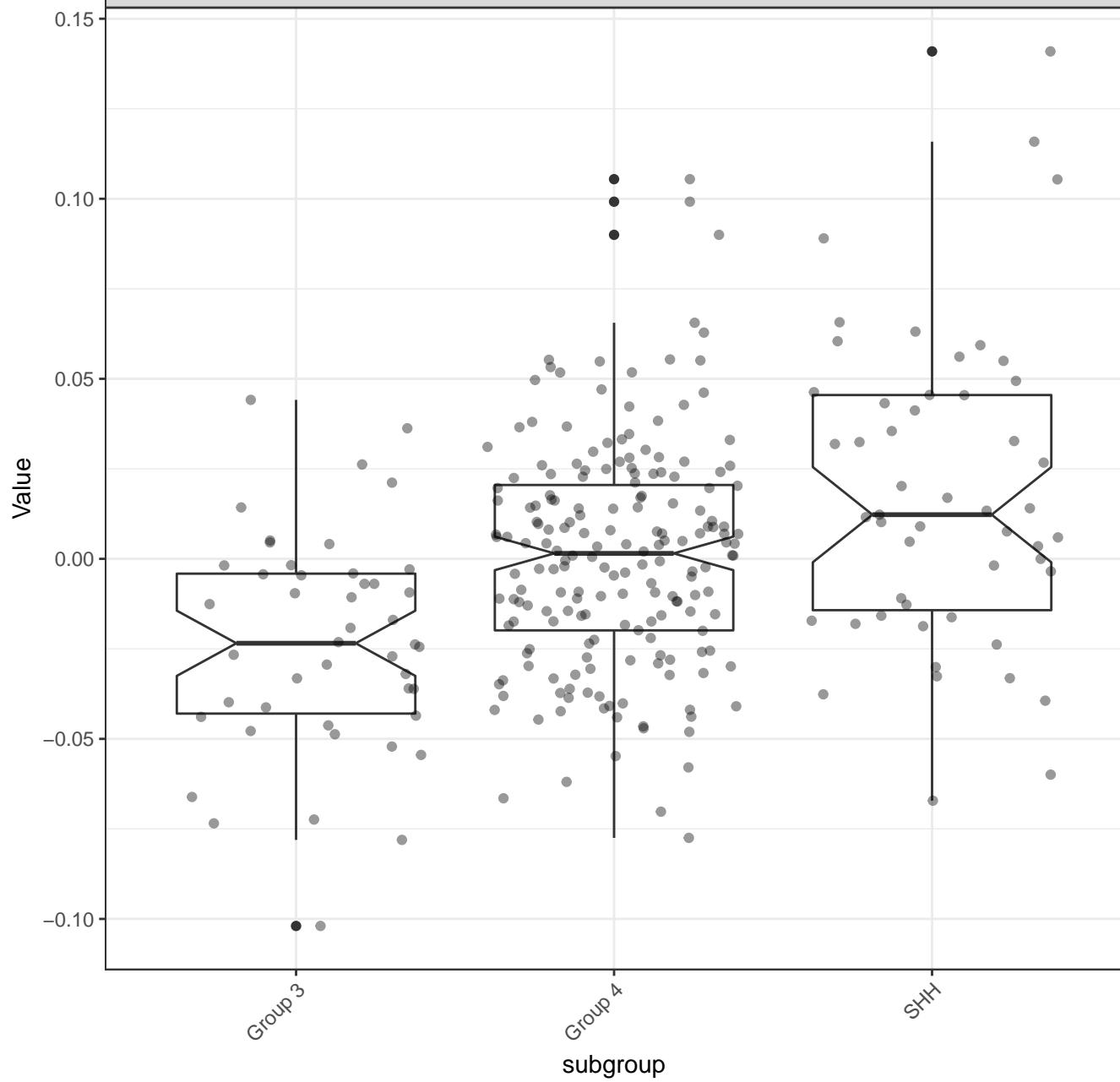
24,PID_DELTANP63PATHWAY



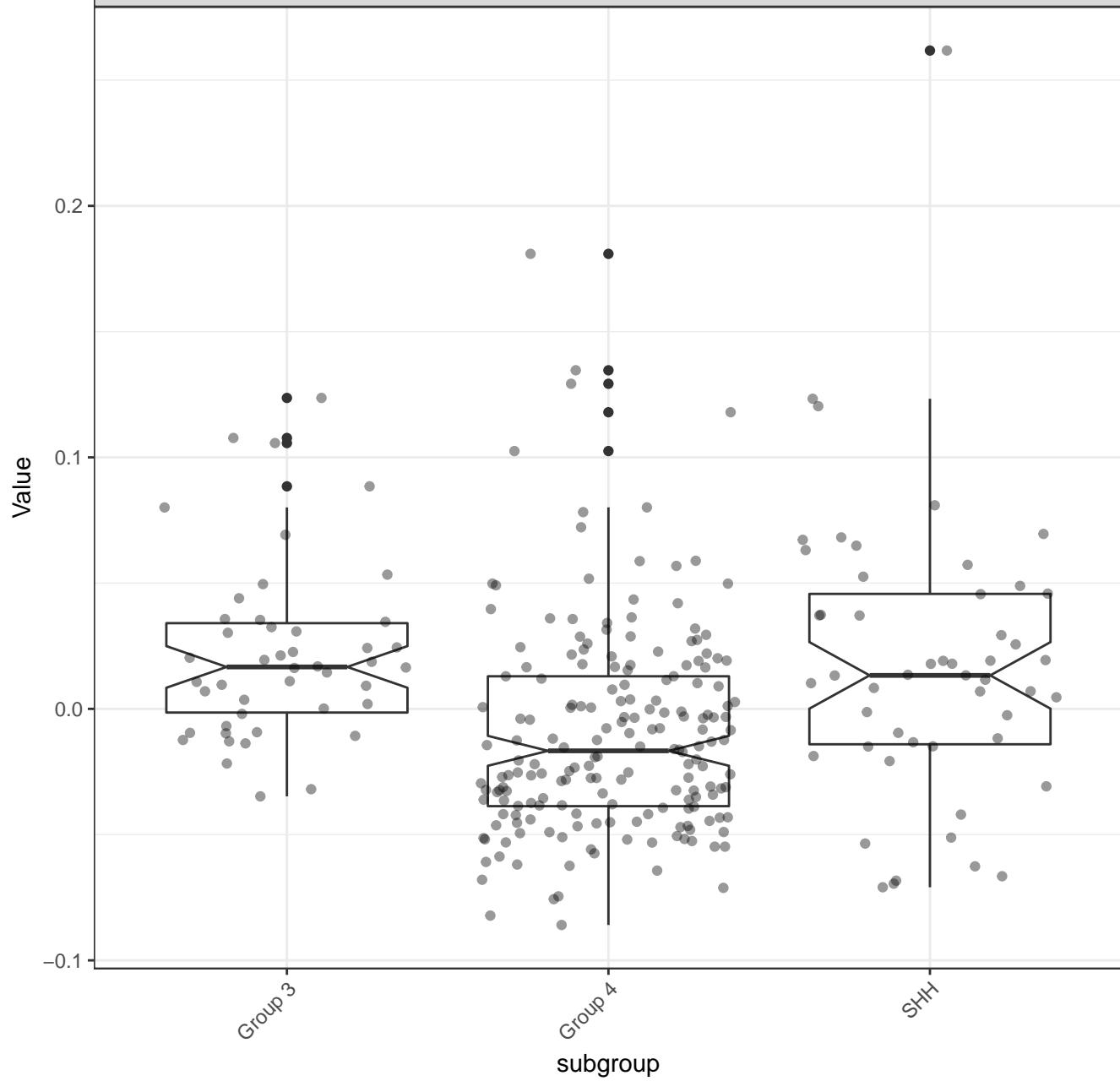
25,SVM Macrophages M1



26,SVM Macrophages M2

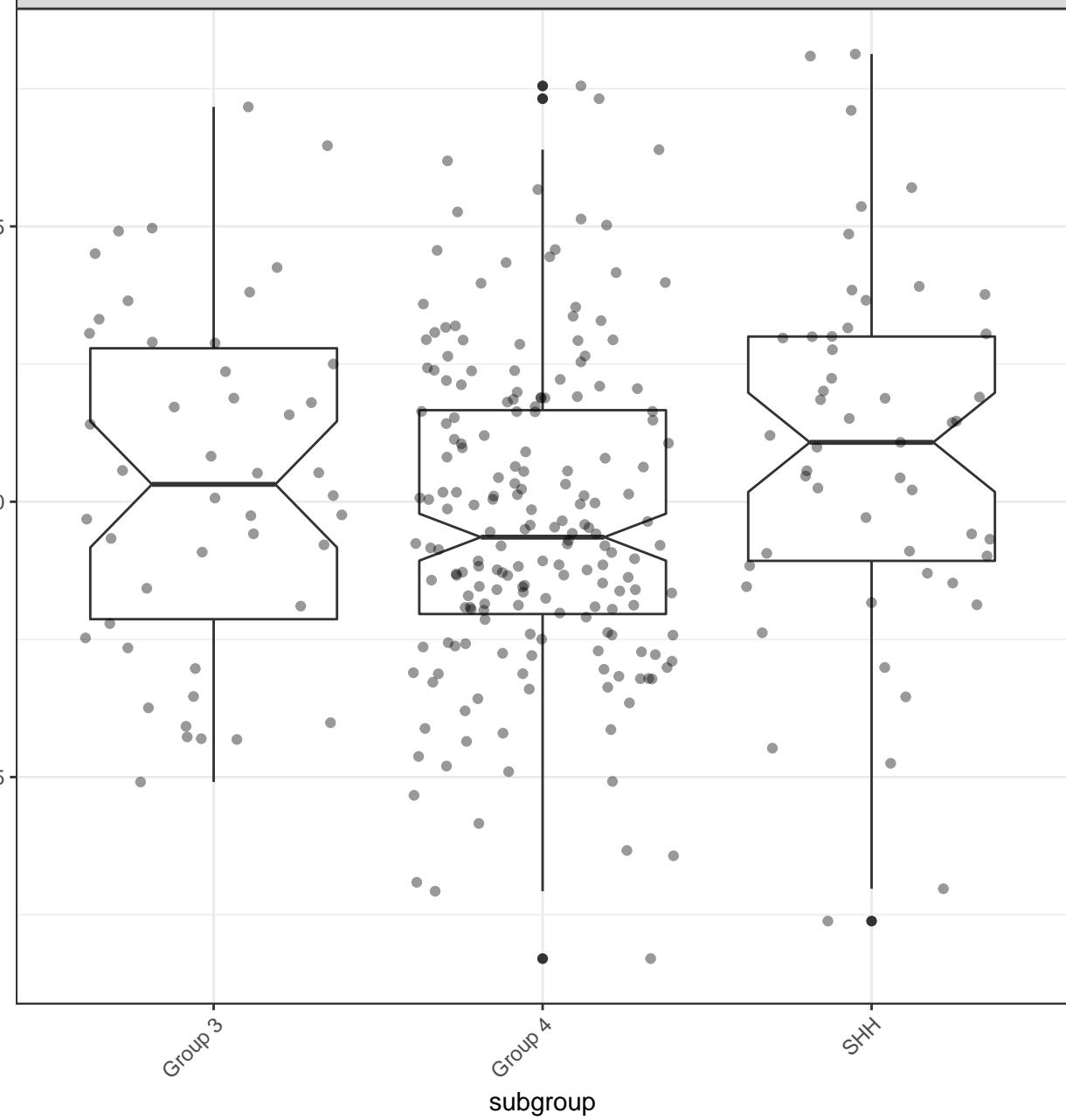


27,REACTOME_CELL_JUNCTION_ORGANIZATION



LV 28

Value



Value

0.10

0.05

0.00

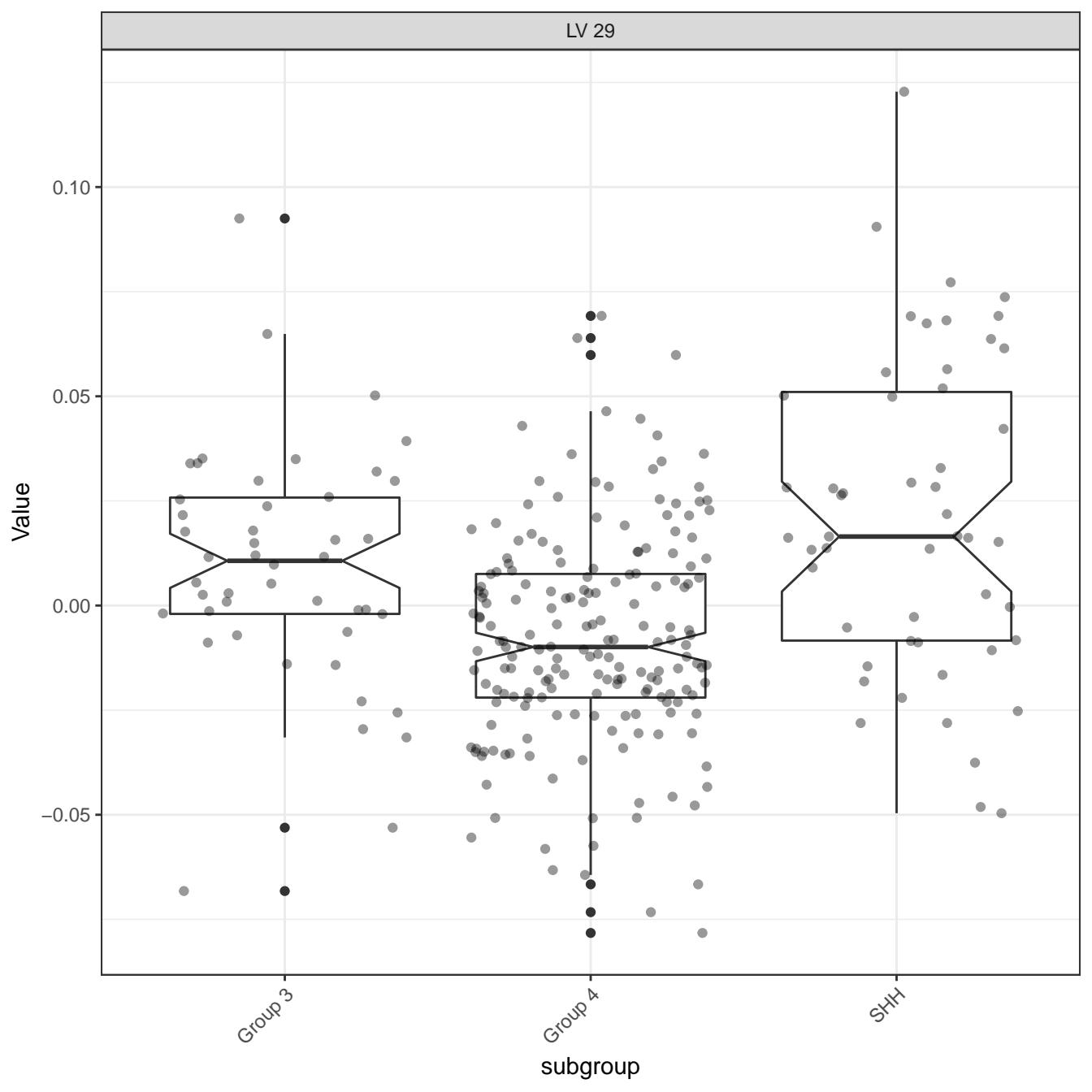
-0.05

Group 3

subgroup

SHH

Group 4



30,DMAP_ERY3

Value

0.10

0.05

0.00

-0.05

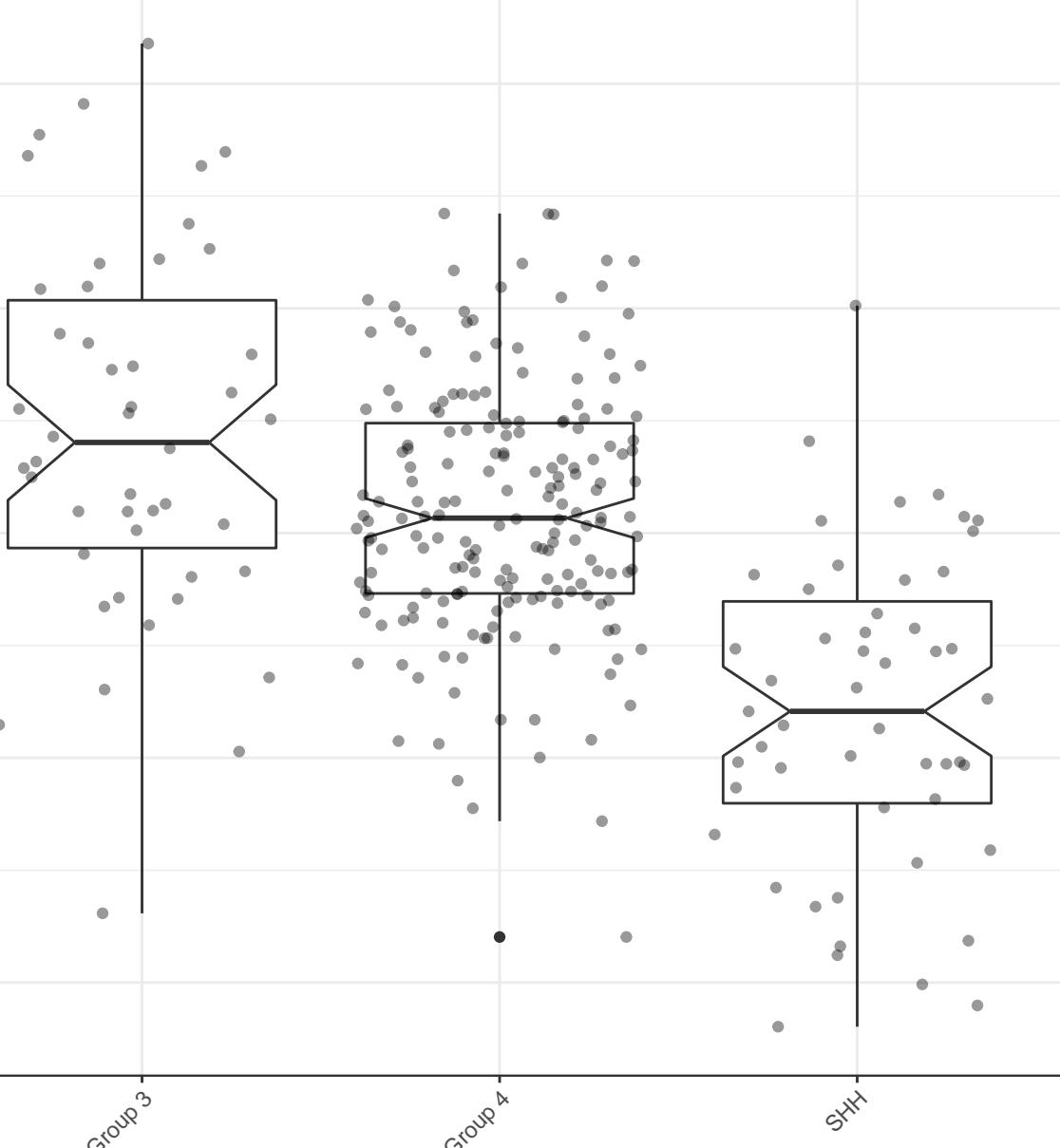
-0.10

Group 3

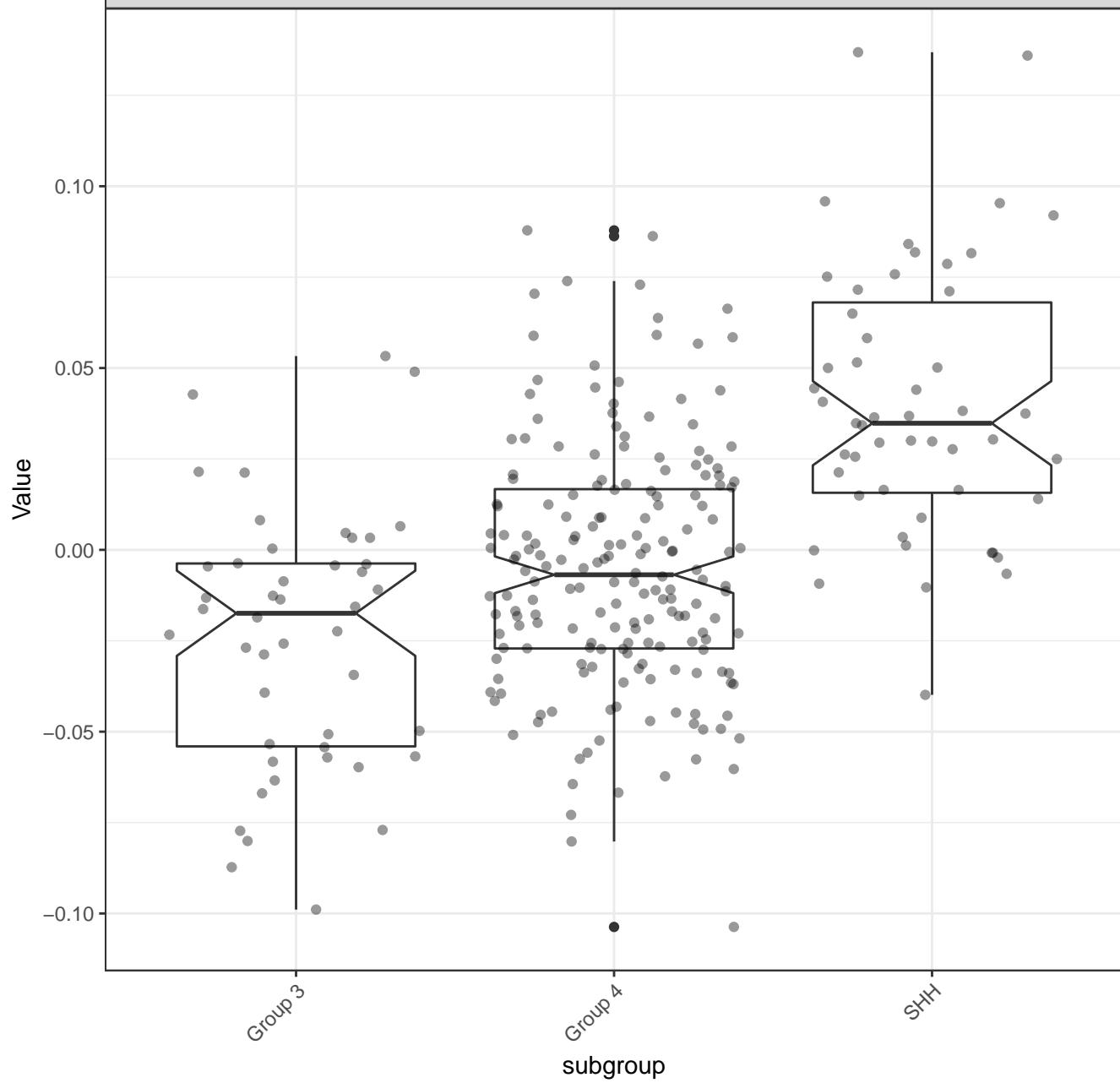
subgroup

Group 4

SHH



31,SVM B cells naive



LV 32

Value

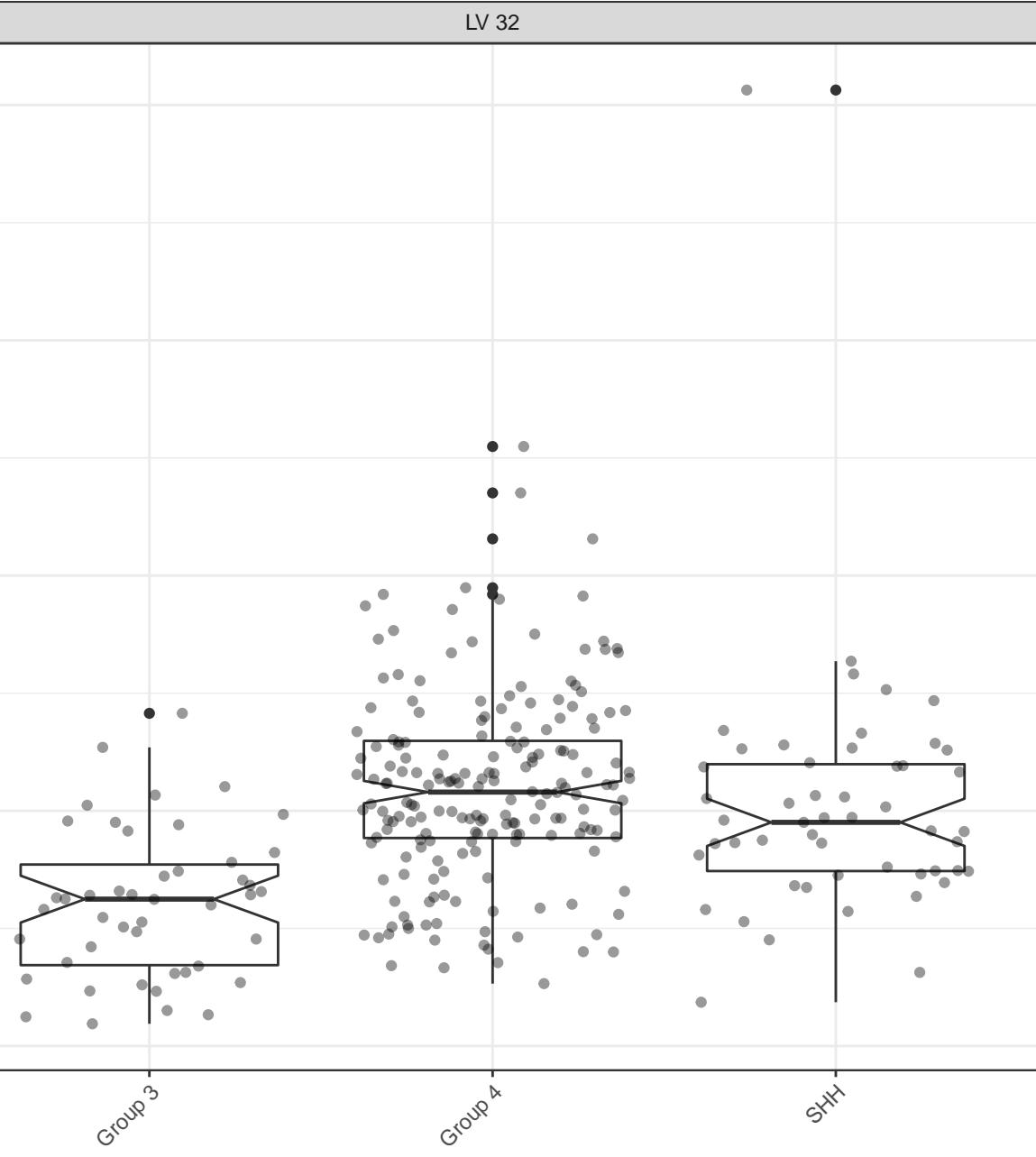
0.6
0.4
0.2
0.0
-0.2

subgroup

Group 3

Group 4

SHH



LV 33

Value

0.1

0.0

-0.1

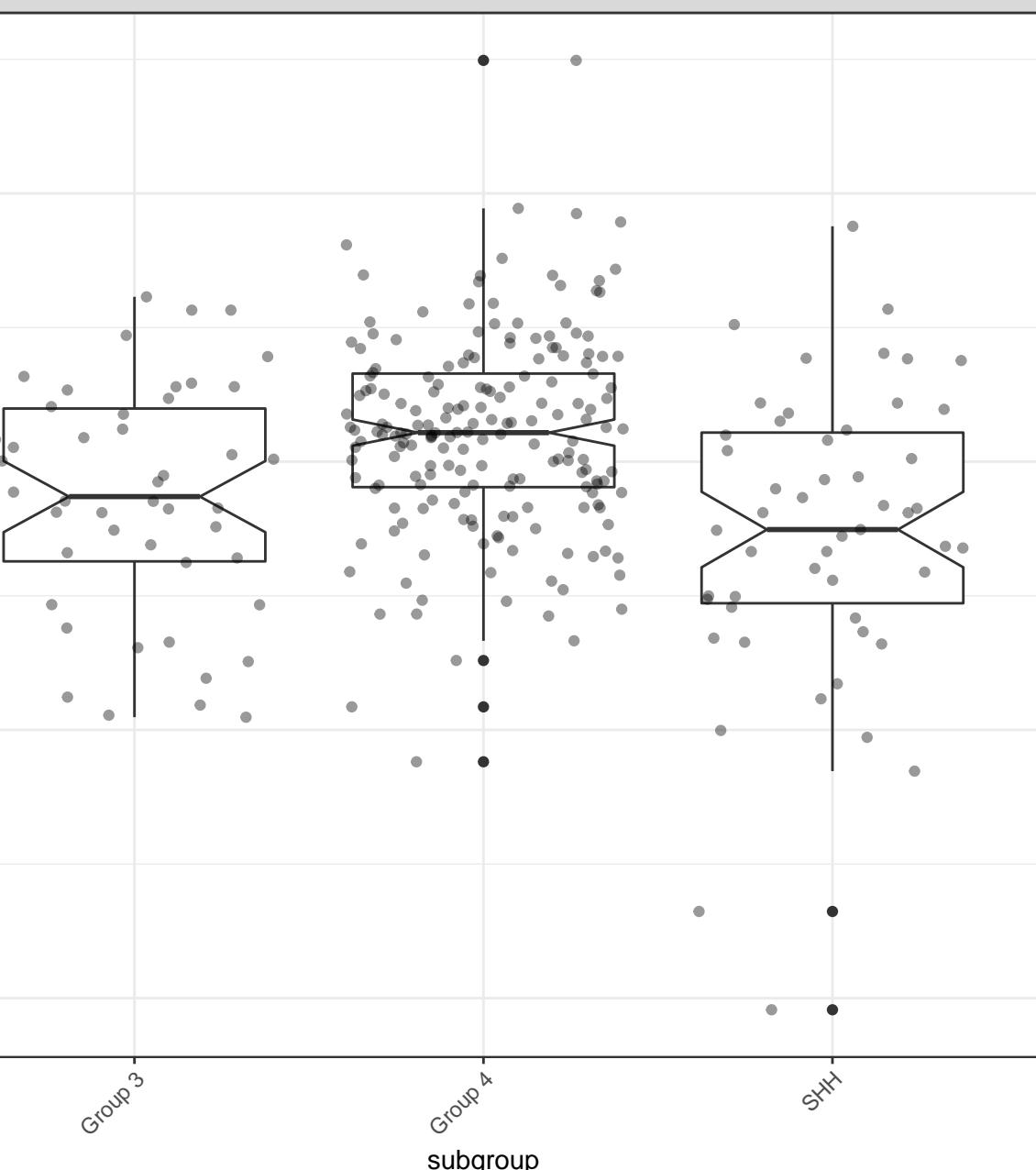
-0.2

Group 3

Group 4

SHH

subgroup



LV 34

Value

0.10

0.05

0.00

-0.05

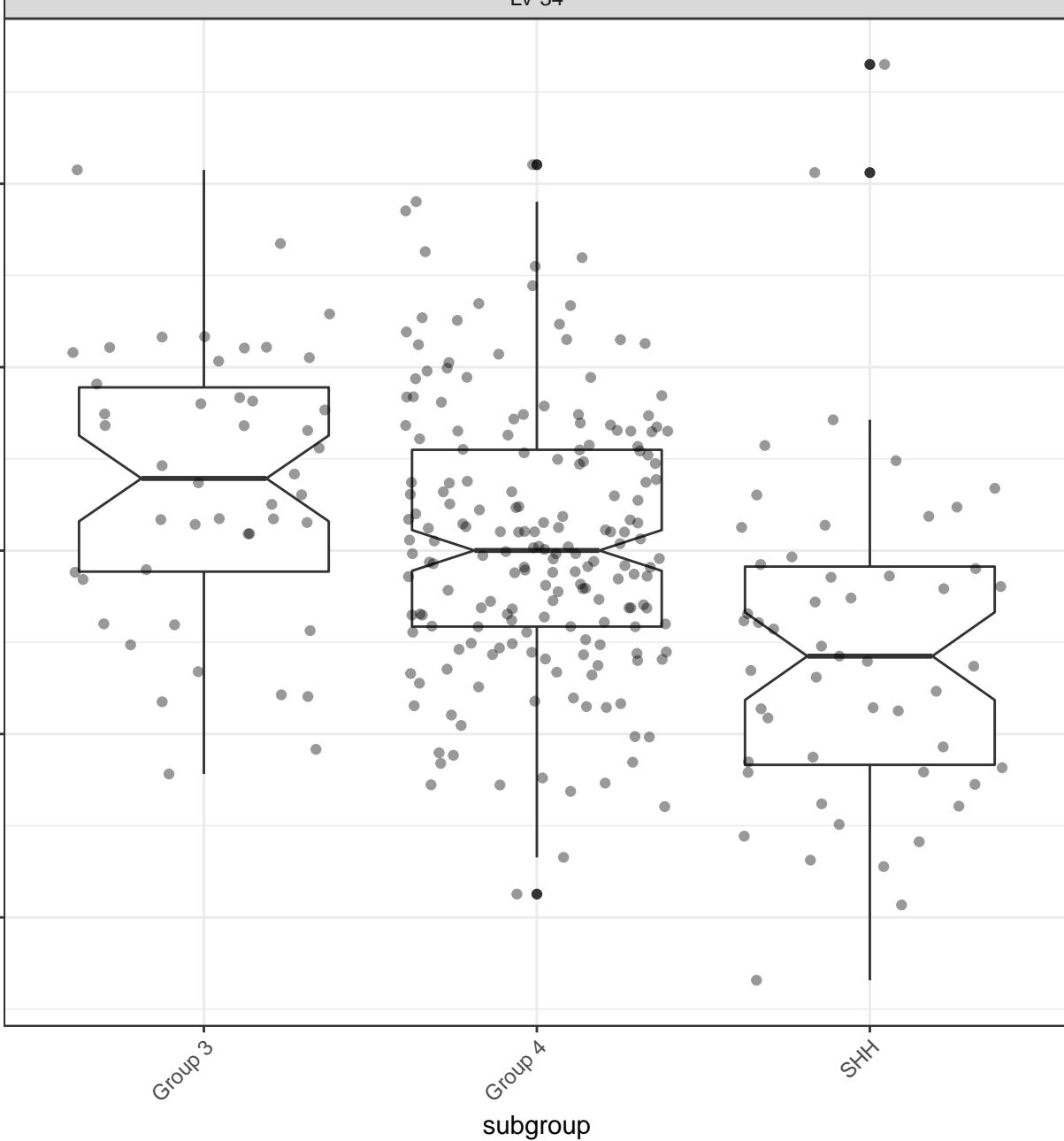
-0.10

Group 3

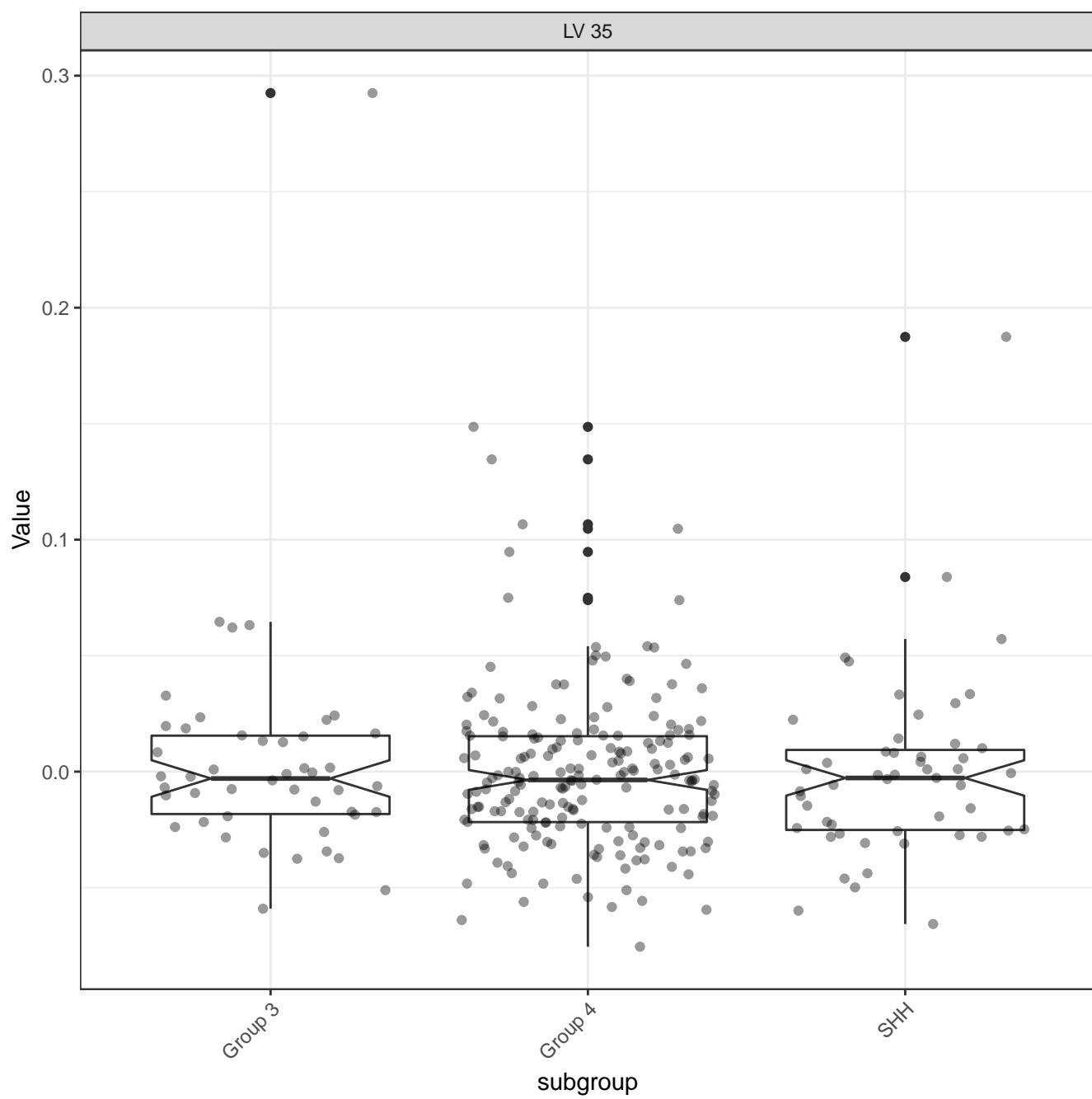
Group 4

SHH

subgroup



LV 35



LV 36

Value

0.10

0.05

0.00

-0.05

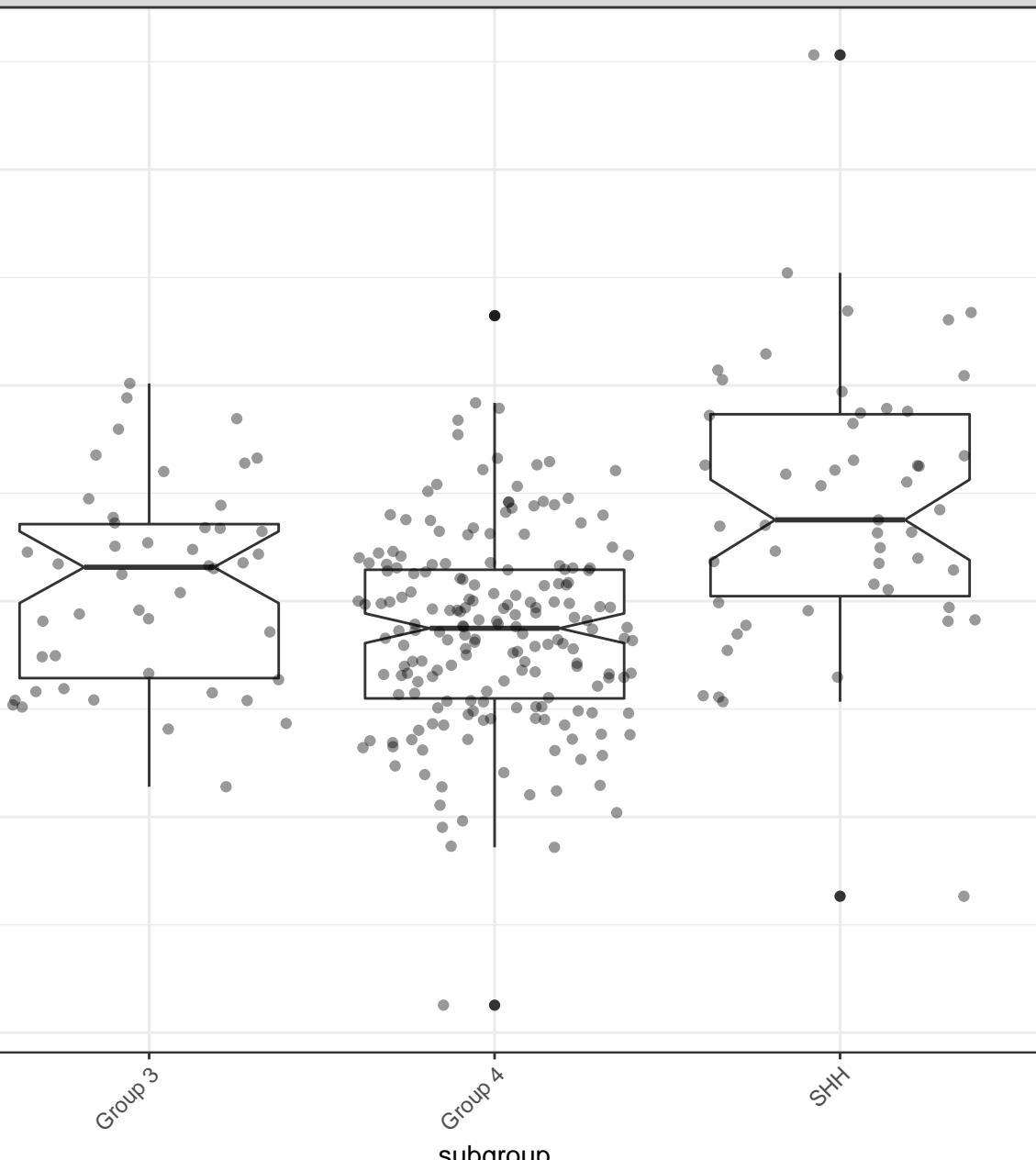
-0.10

Group 3

subgroup

Group 4

SHH



37,MIPS_60S_RIBOSOMAL_SUBUNIT_CYTOPLASMIC

Value

0.05

0.00

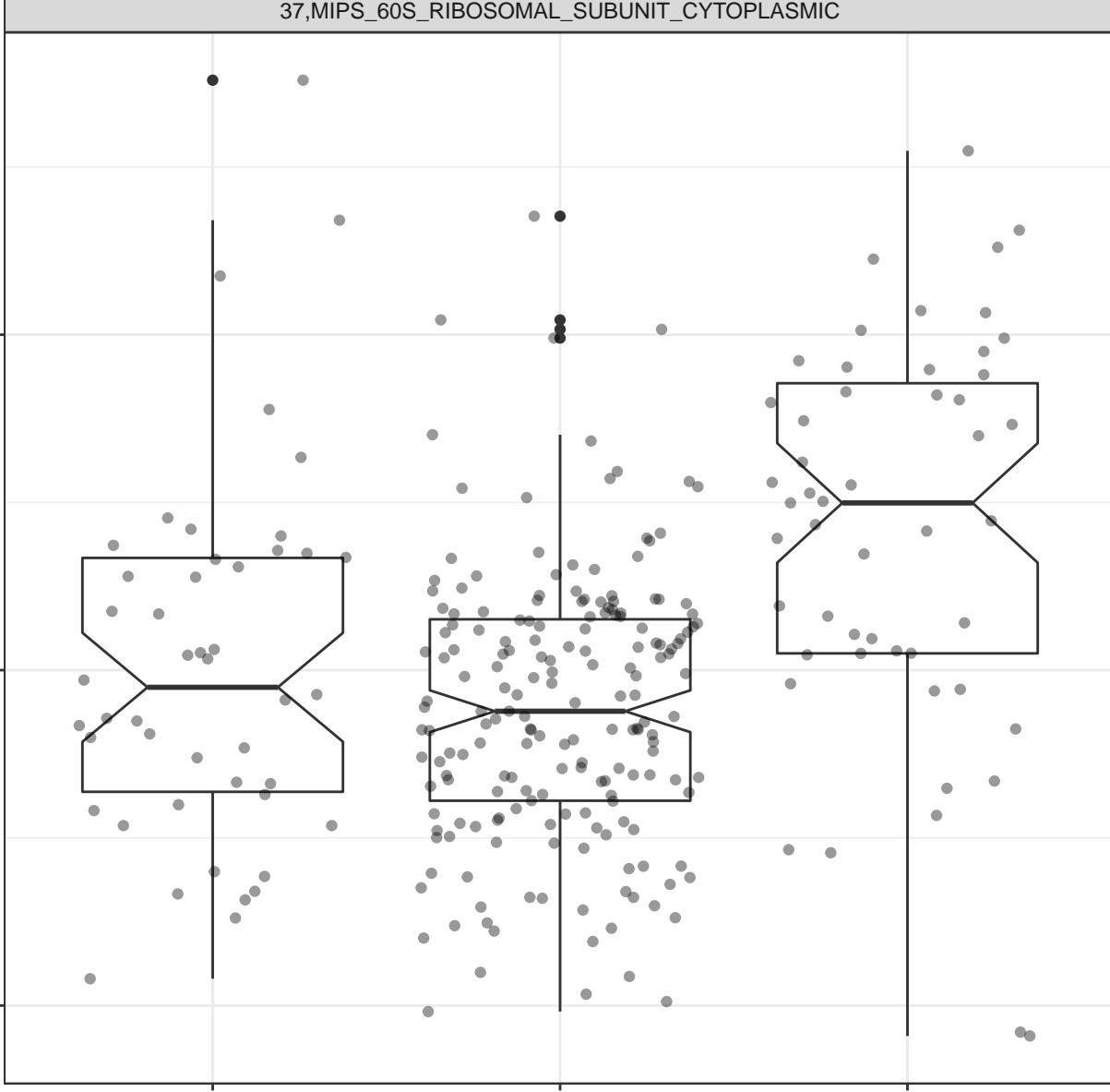
-0.05

Group 3

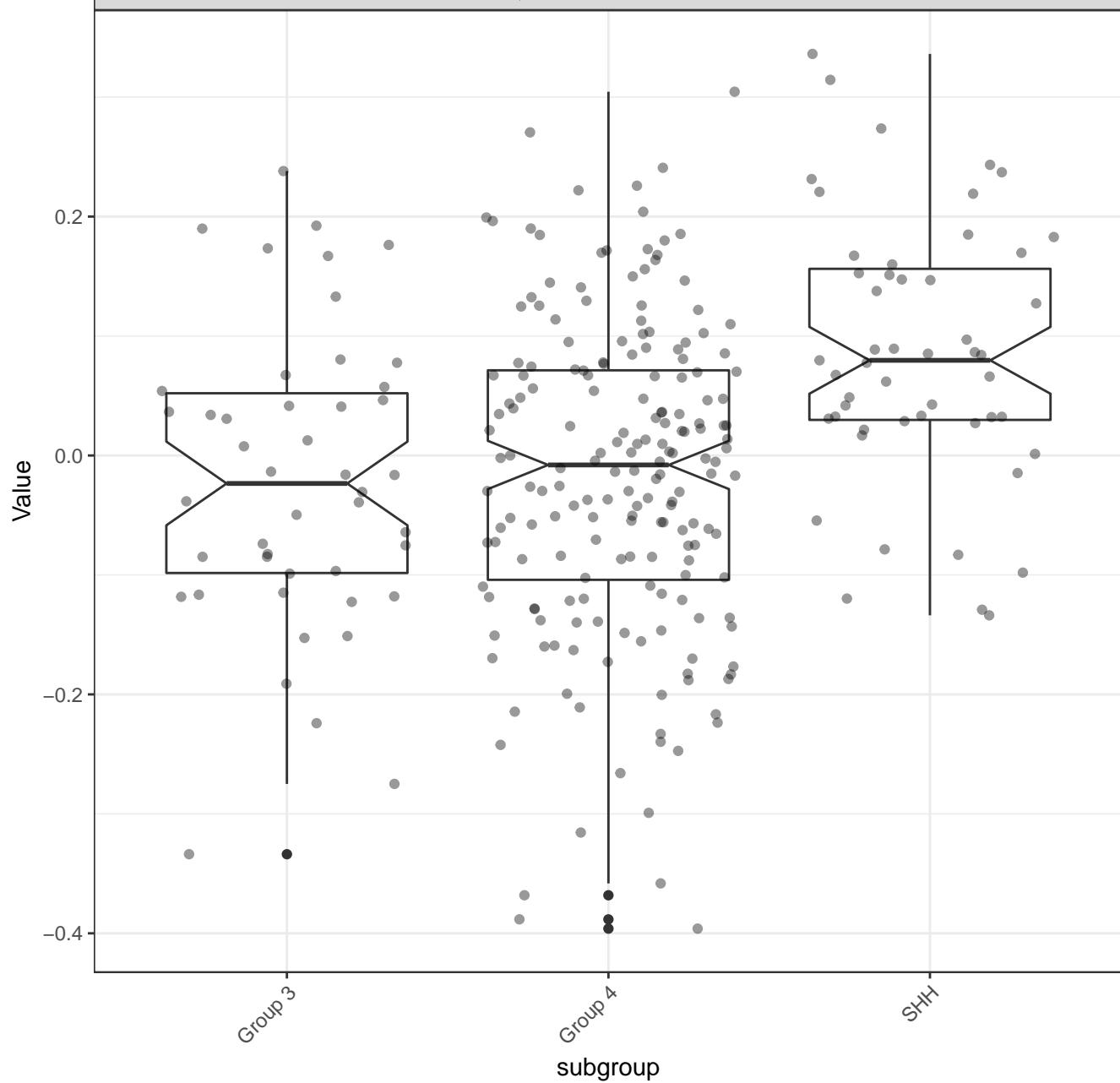
Group 4

SHH

subgroup



38,PID_PLK1_PATHWAY



39,SVM Dendritic cells resting

Value

0.10

0.05

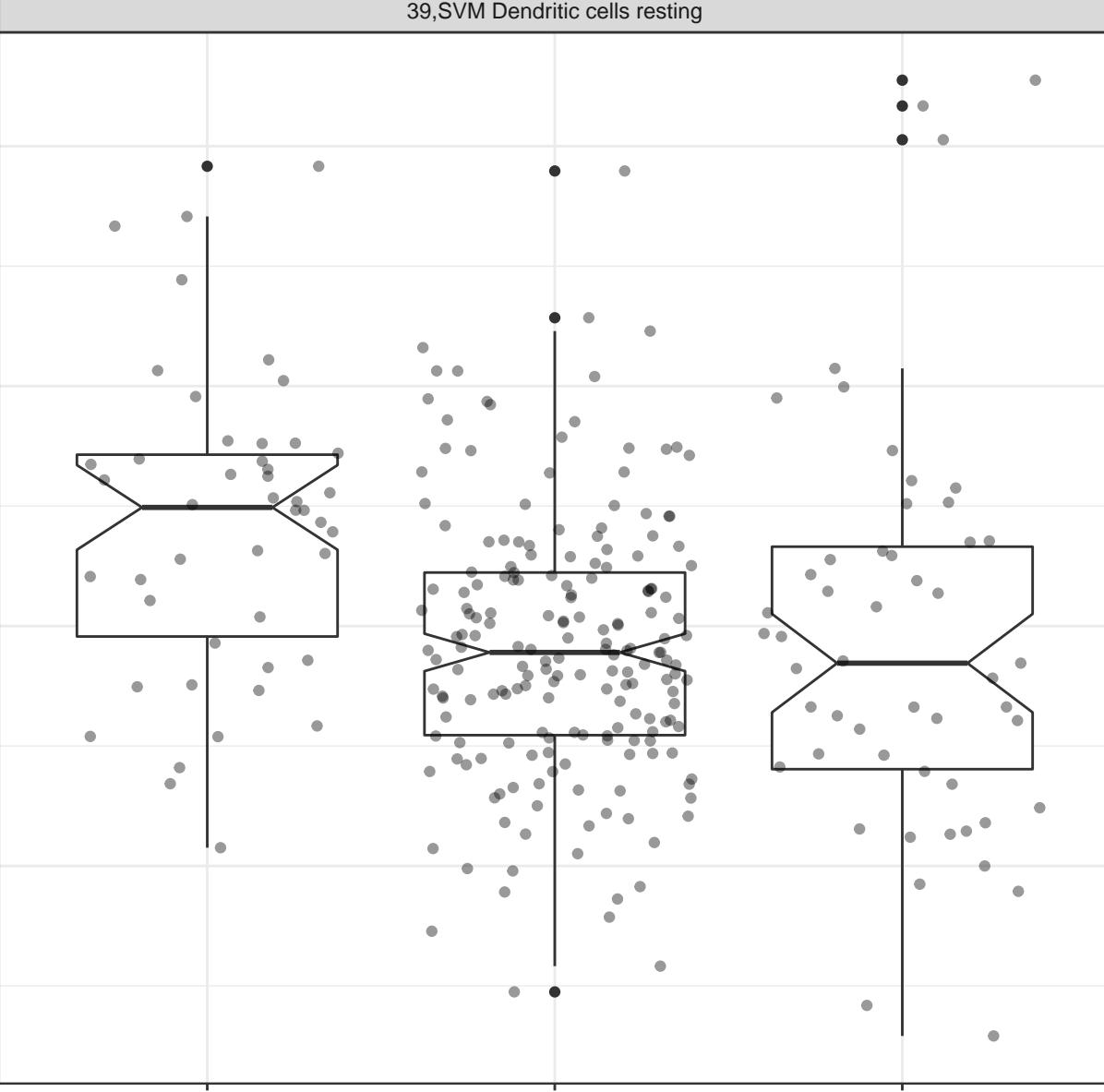
0.00

-0.05

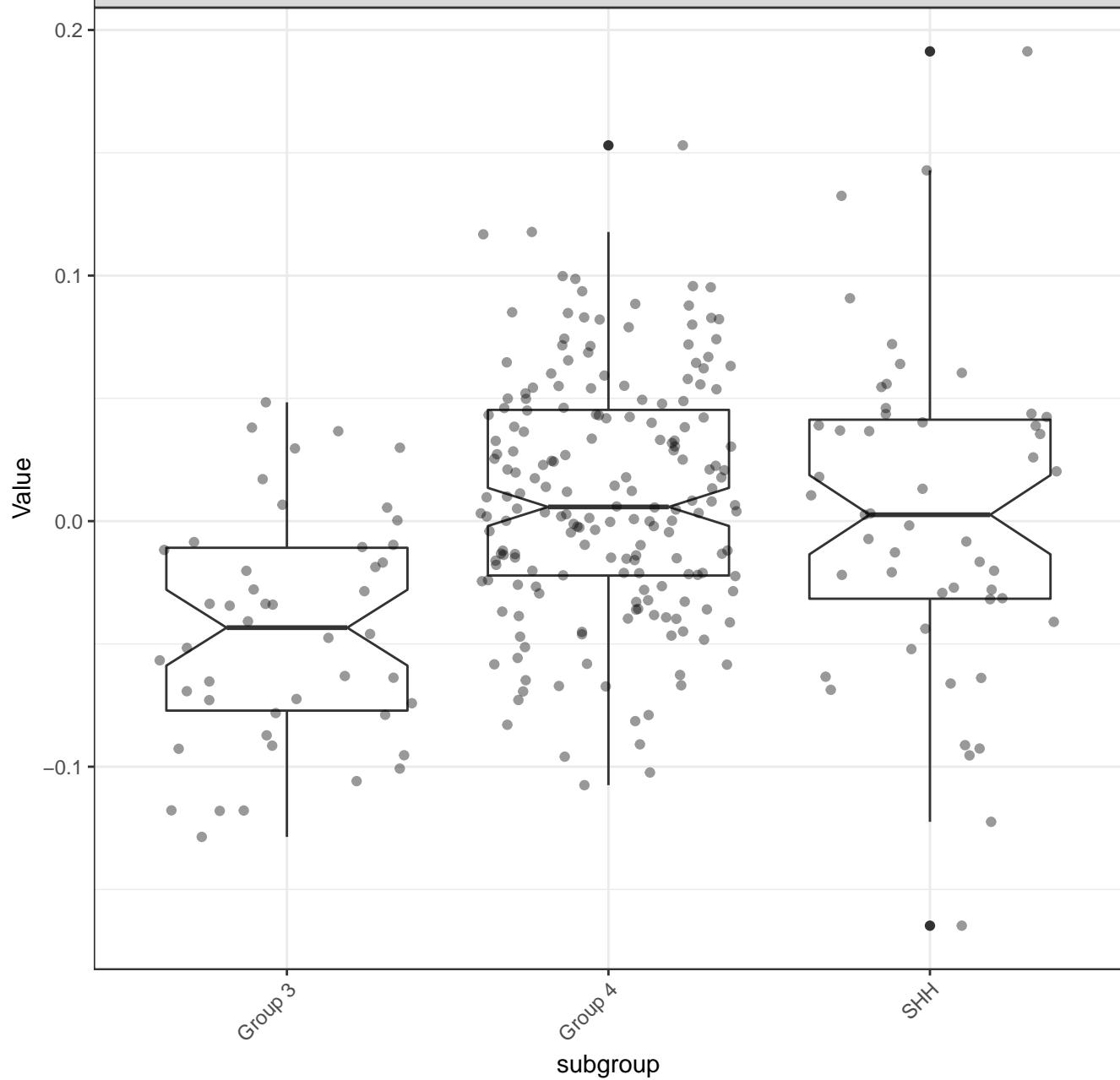
Group 3

subgroup

SHH



LV 40



LV 41

Value

0.04

0.00

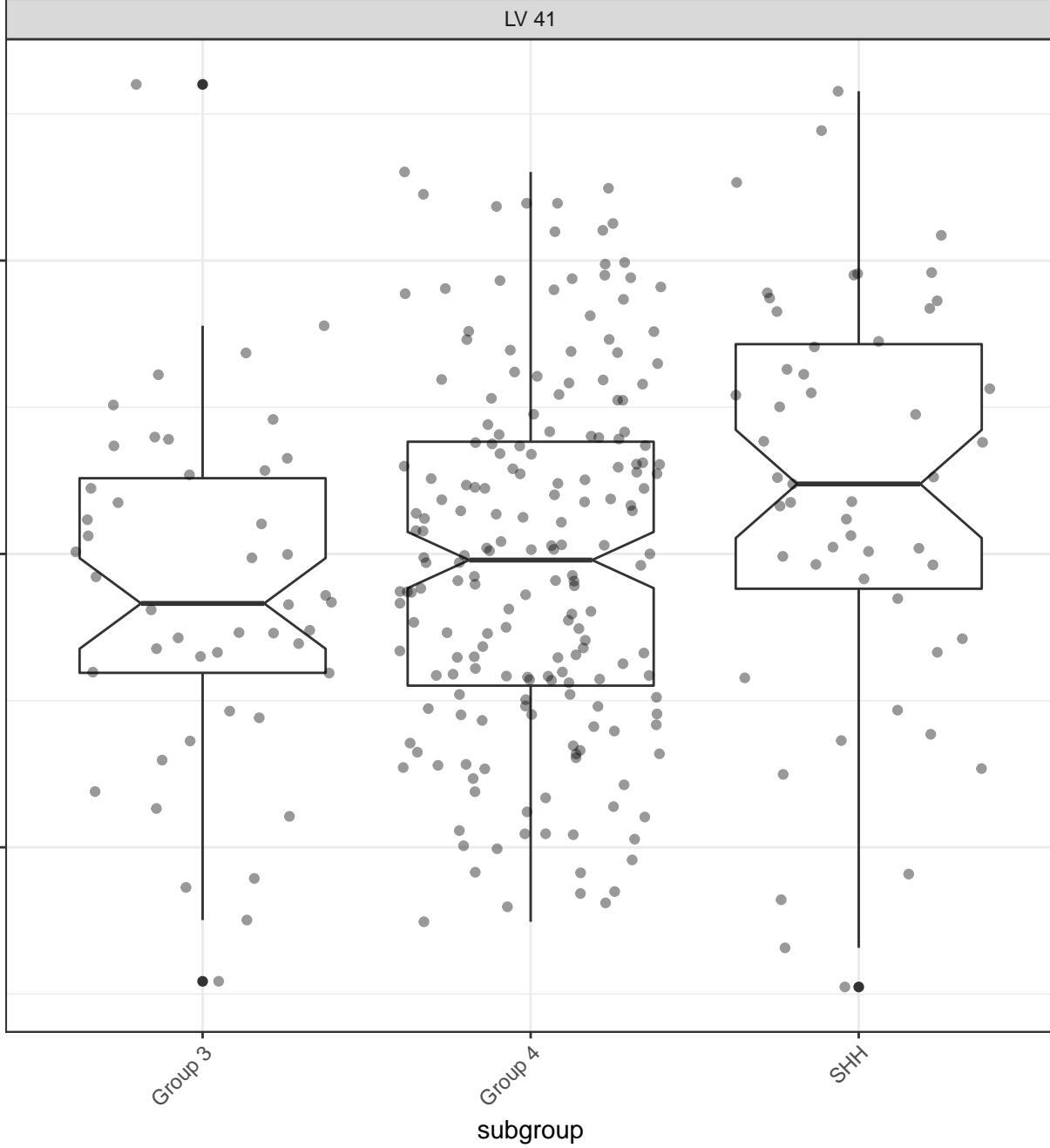
-0.04

Group 3

Group 4

SHH

subgroup



42,DMAP_HSC1

Value

0.10

0.05

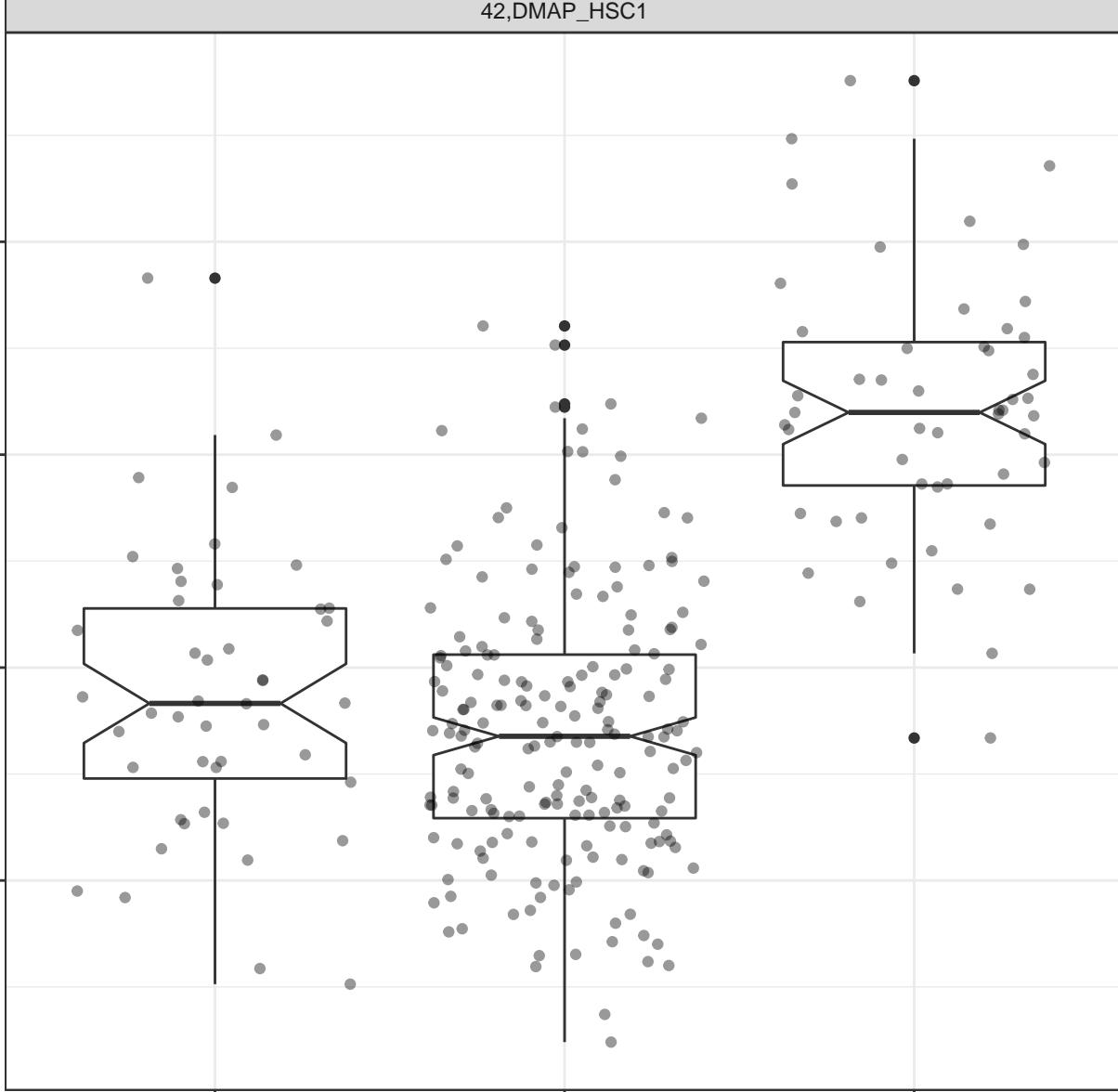
0.00

-0.05

Group 3

subgroup

SHH



LV 43

Value

0.05

0.00

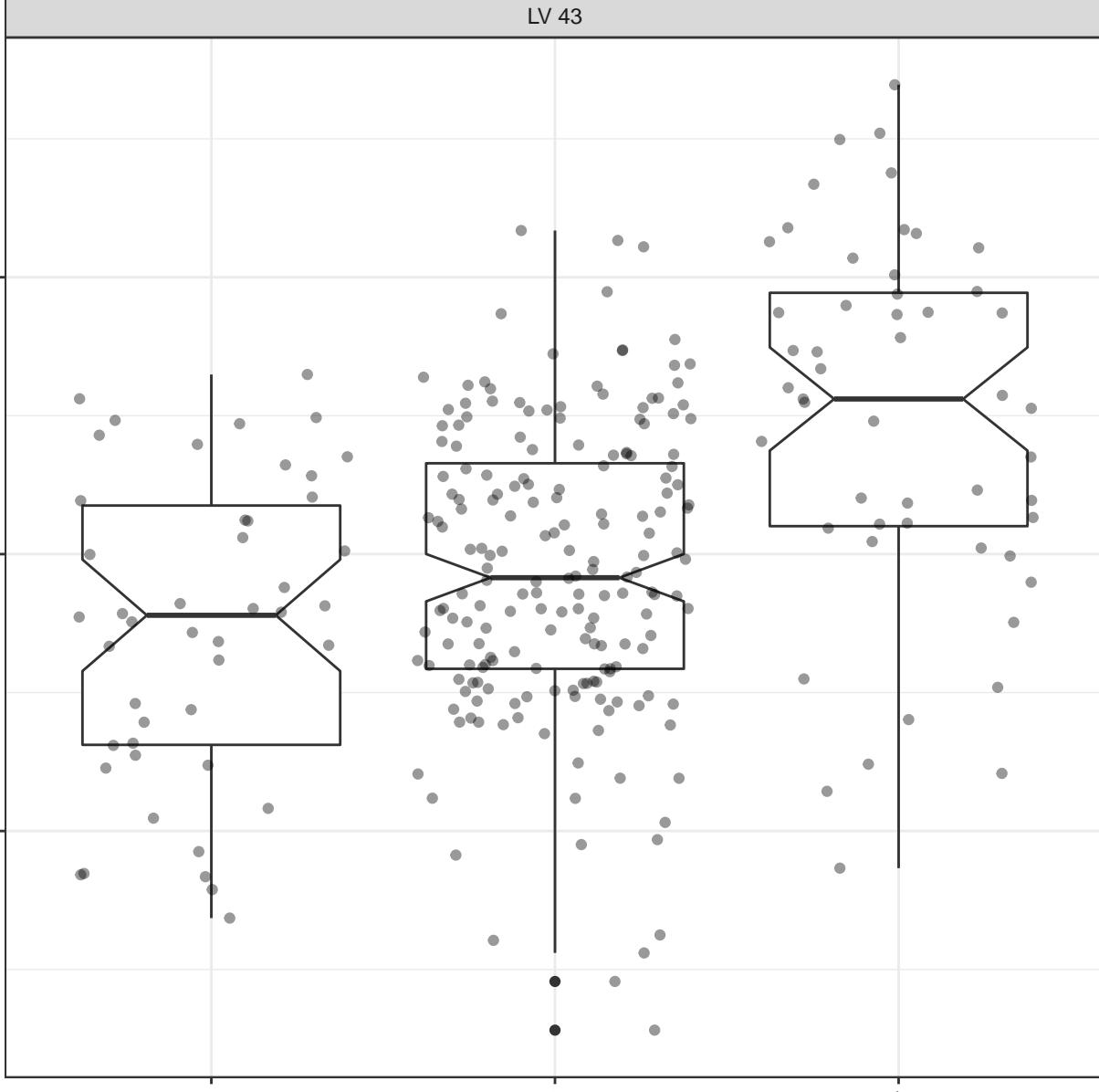
-0.05

Group 3

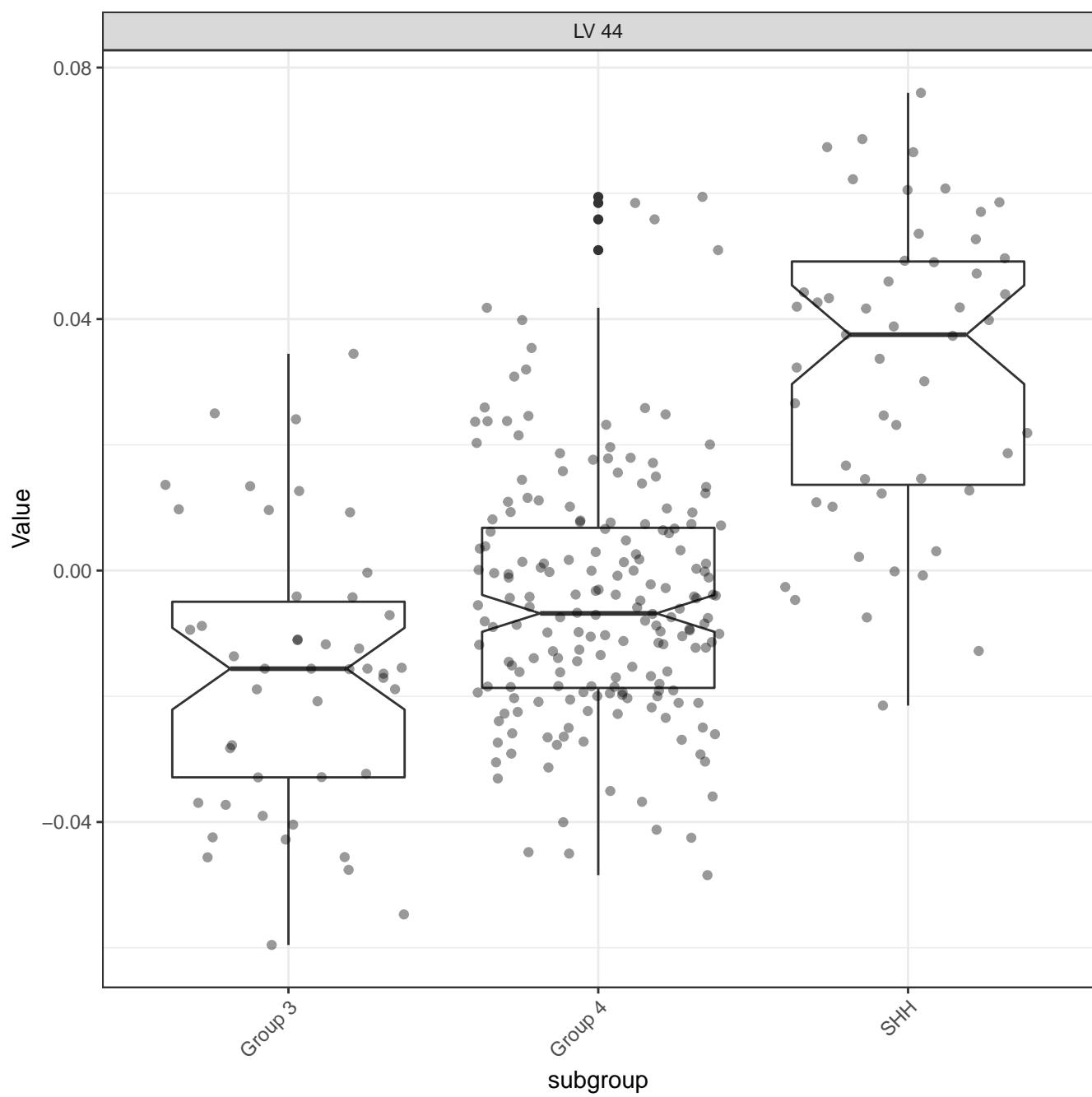
subgroup

Group 4

SHH



LV 44



45,REACTOME_RNA_POL_I_PROMOTER_OPENING

Value

0.2

0.1

0.0

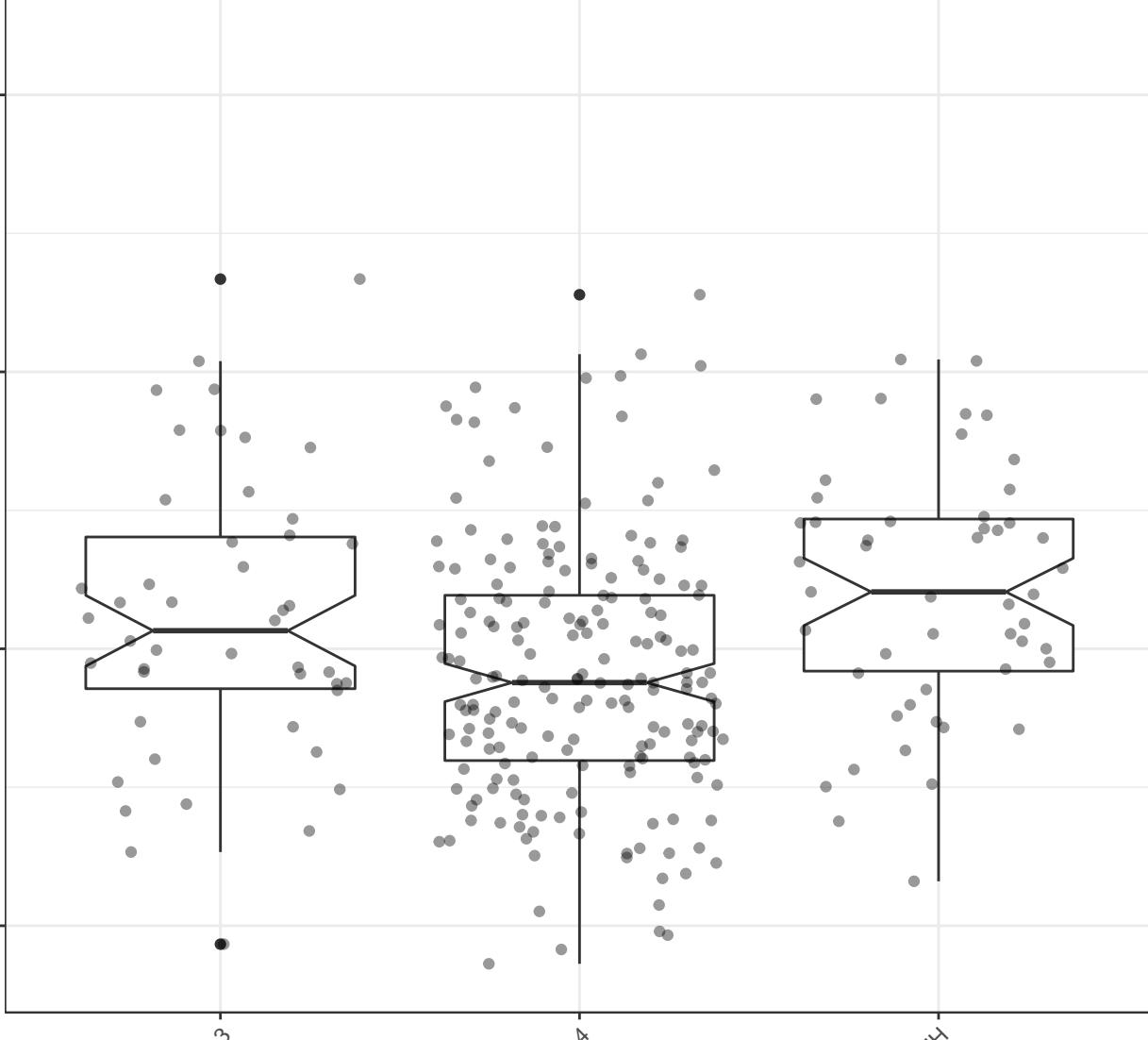
-0.1

Group 3

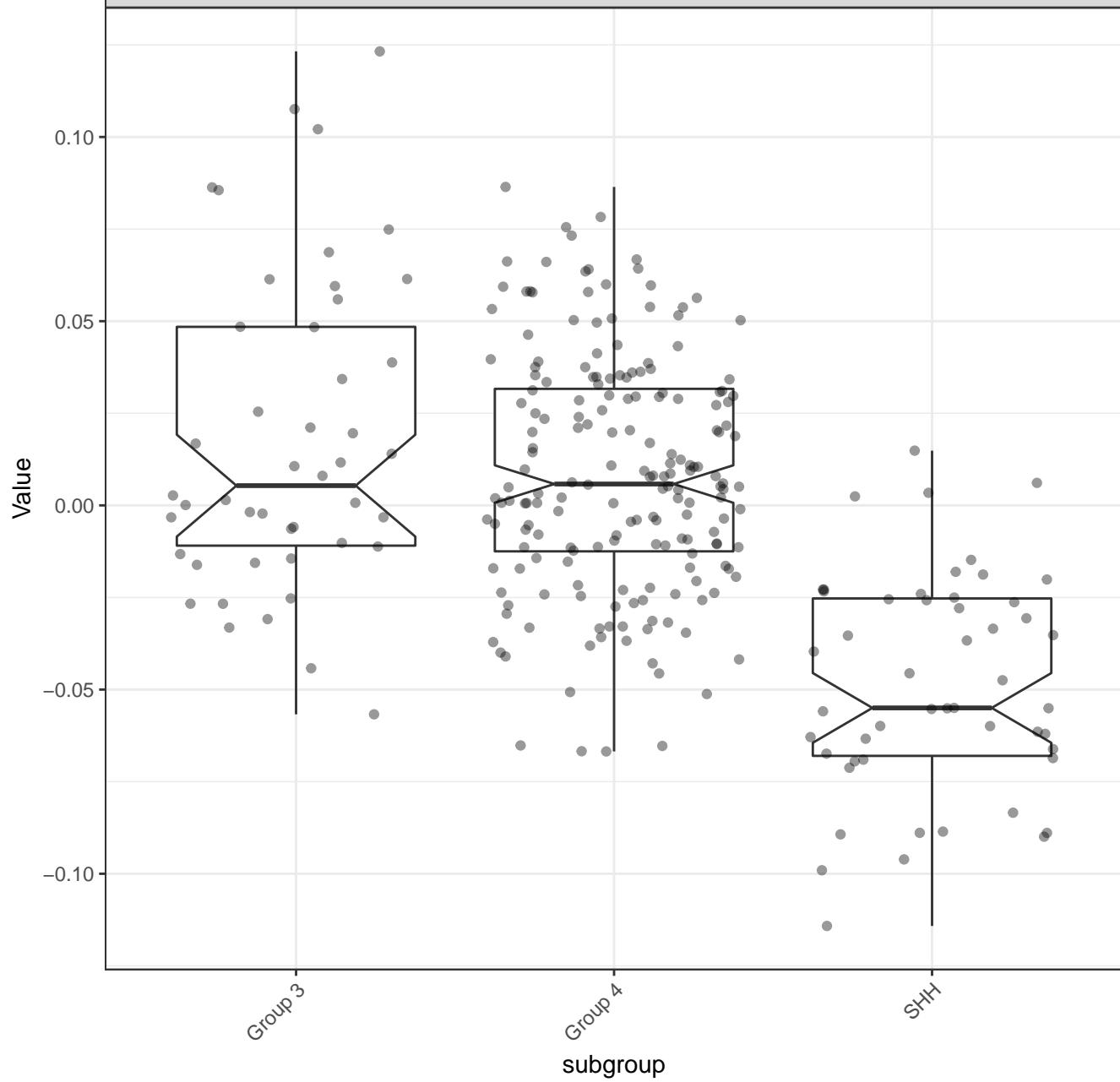
Group 4

SHH

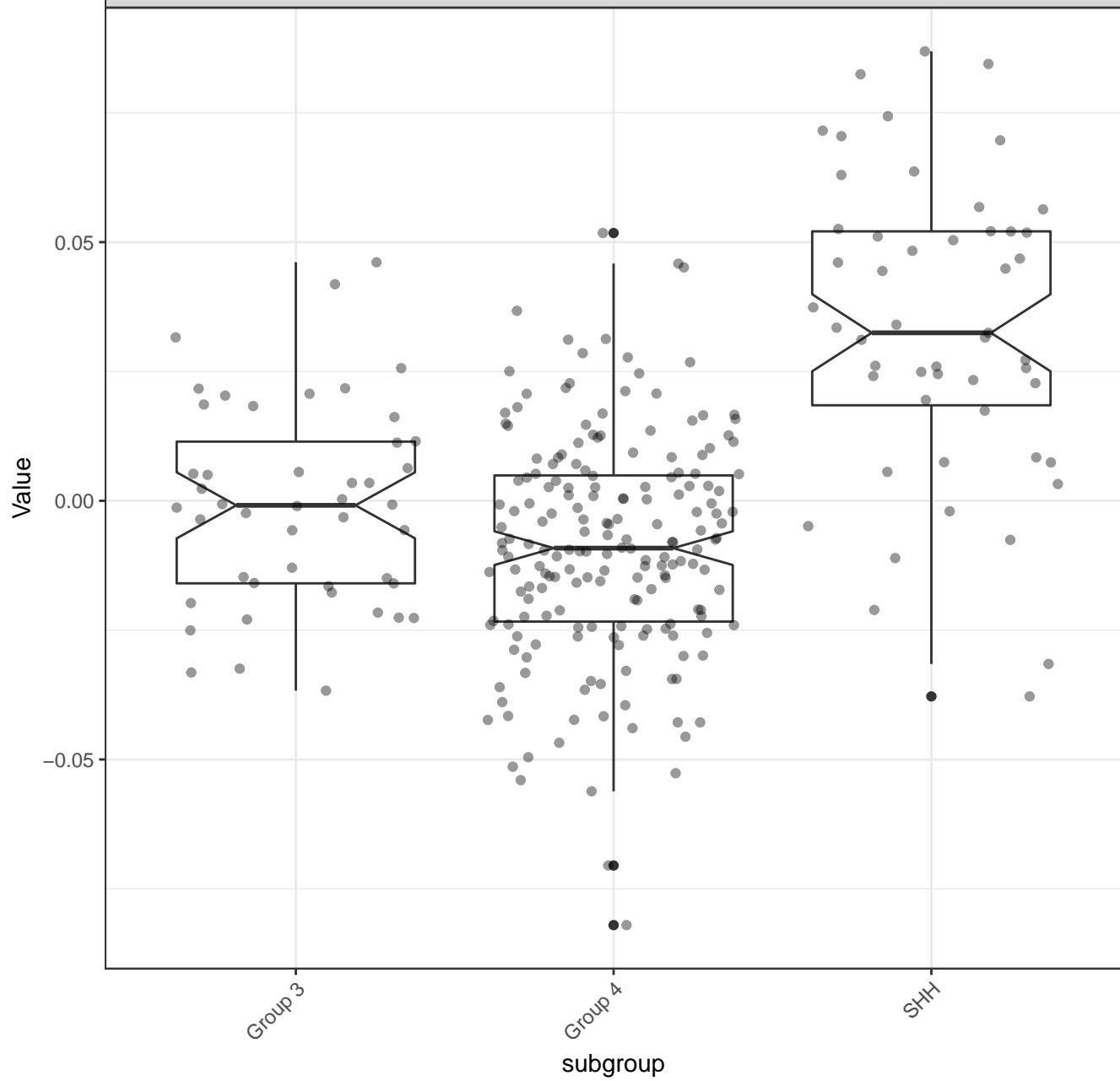
subgroup



LV 46



LV 47



48,MIPS_RIBOSOME_CYTOPLASMIC

Value

0.2

0.1

0.0

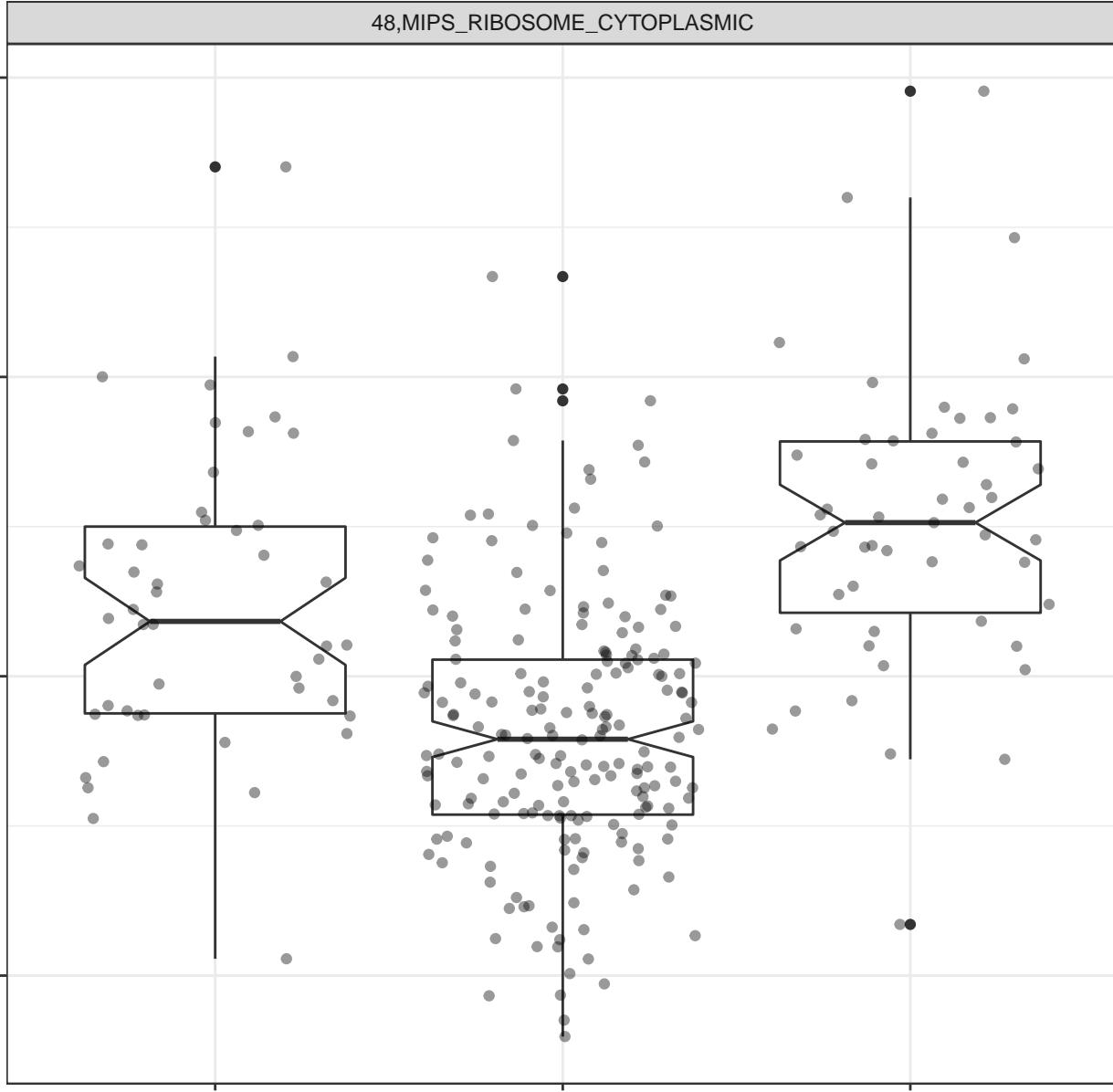
-0.1

Group 3

Group 4

SHH

subgroup



49,KEGG_DILATED_CARDIOMYOPATHY

Value

0.2

0.1

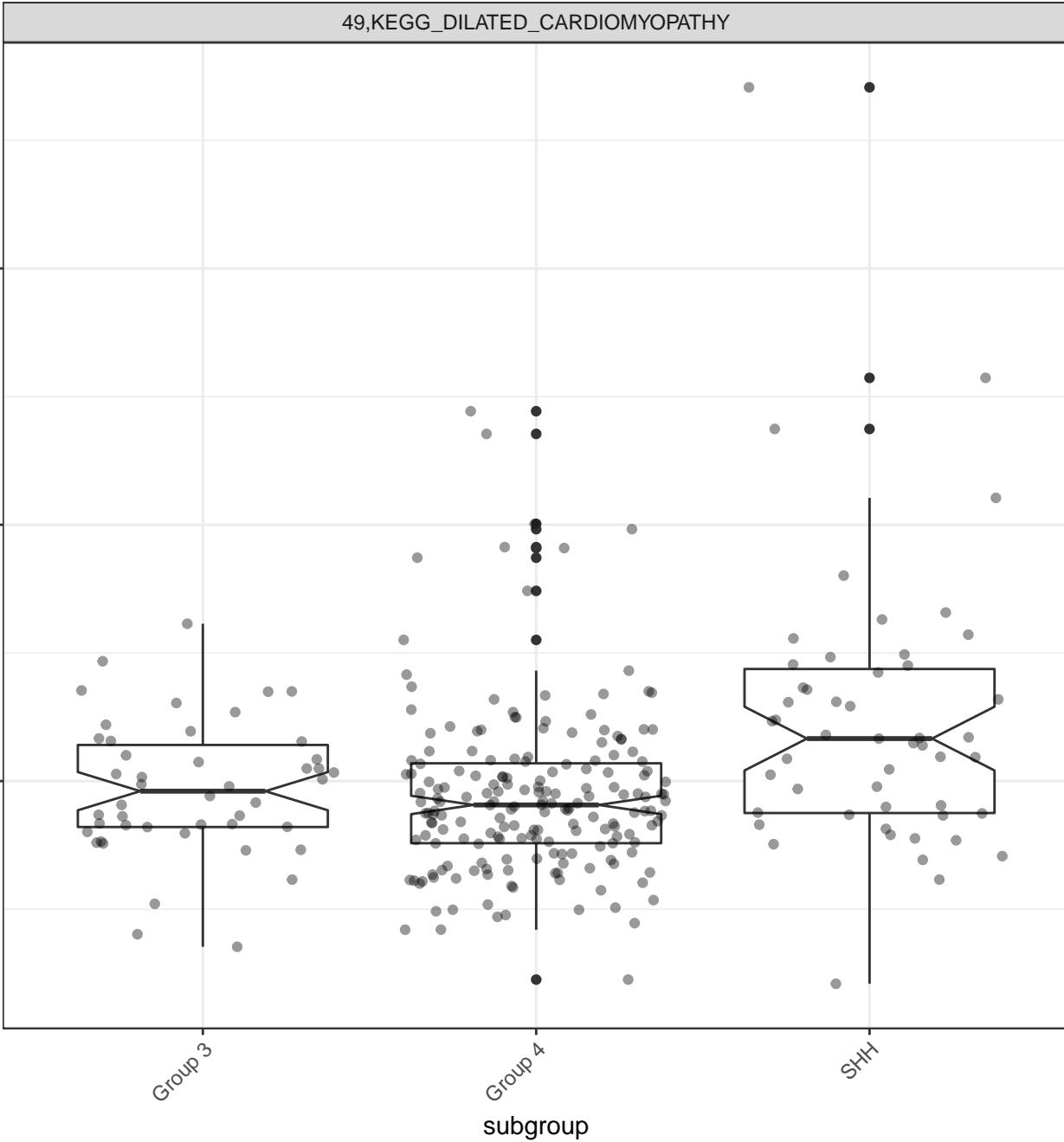
0.0

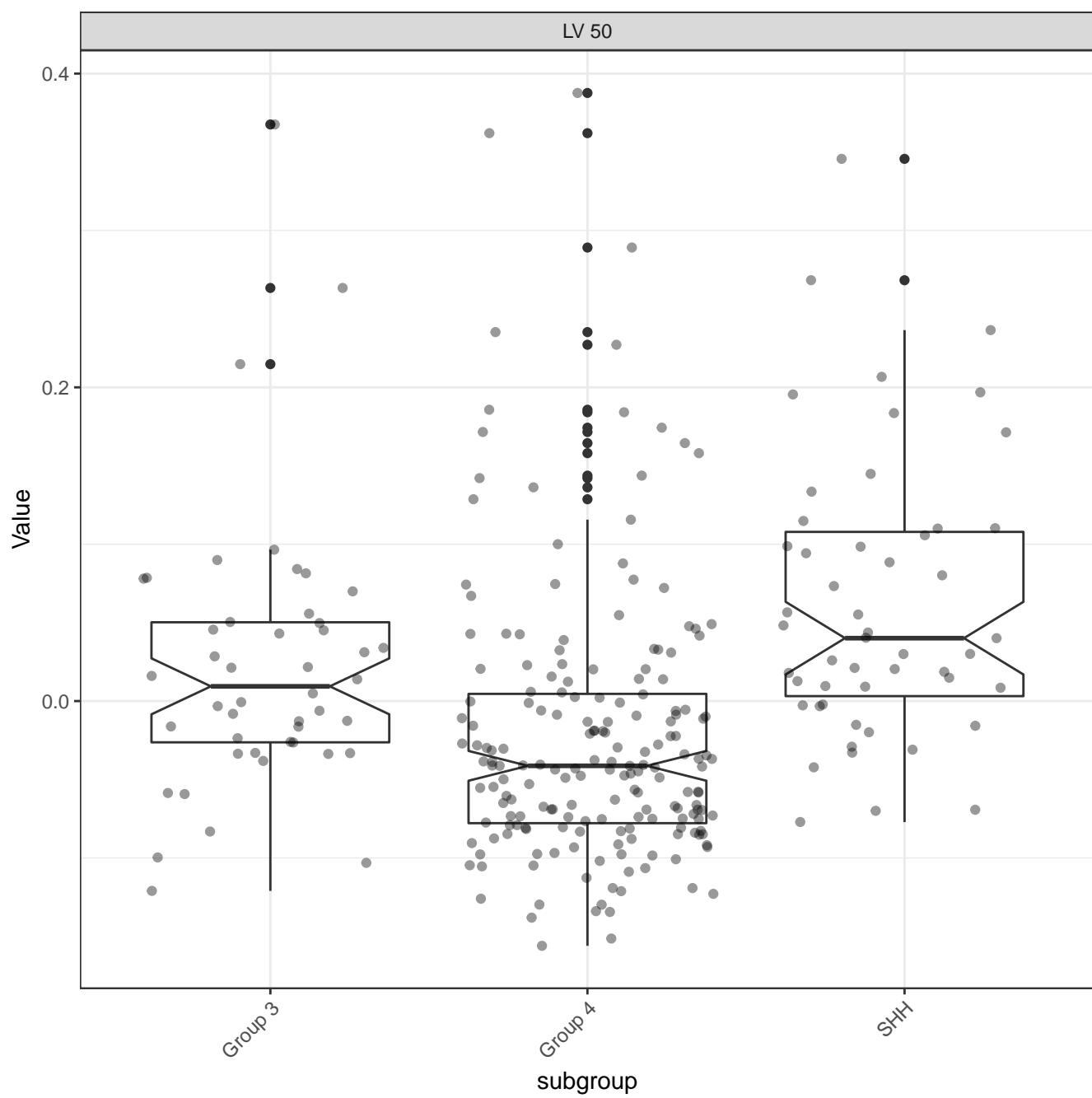
Group 3

Group 4

SHH

subgroup





LV 51

Value

0.05

0.00

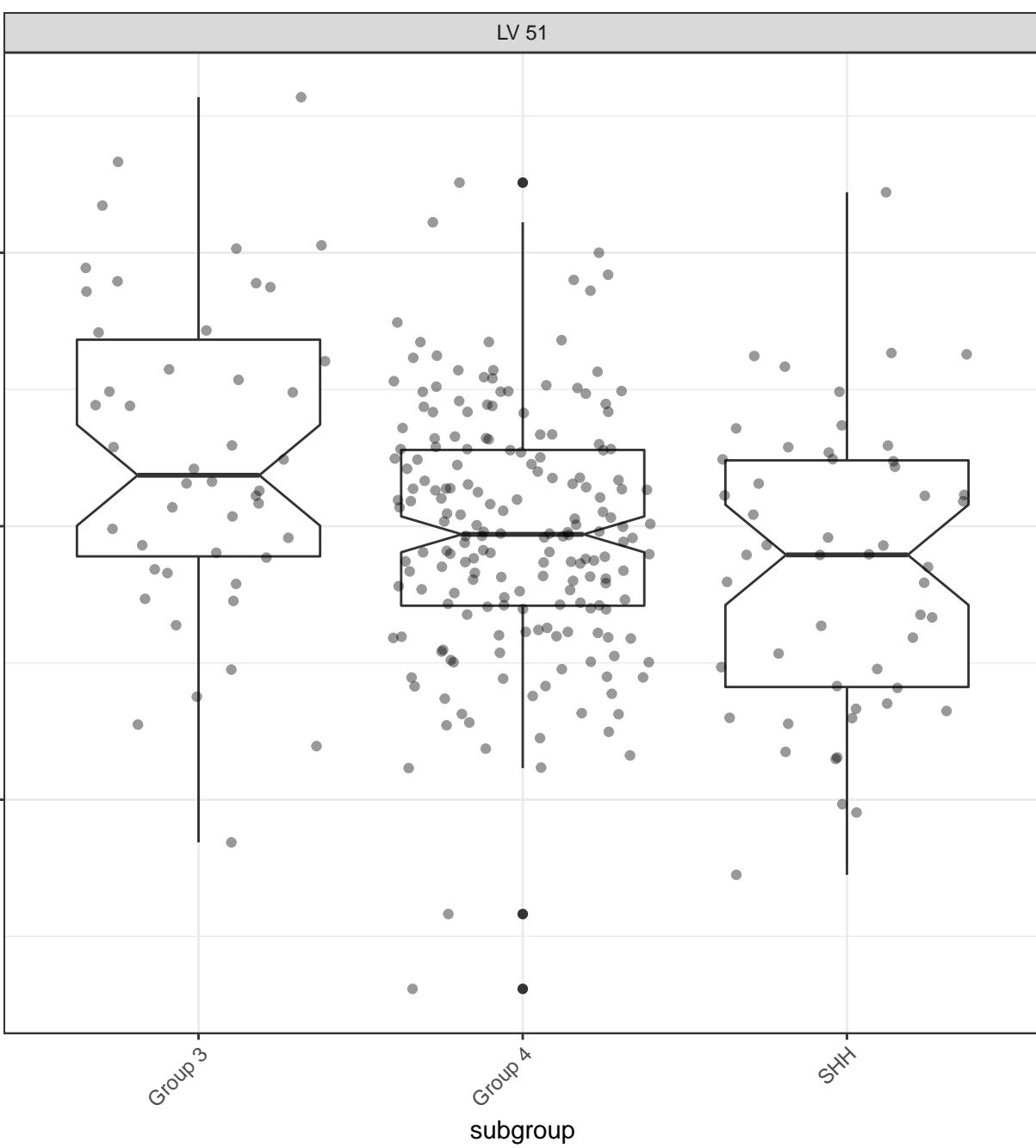
-0.05

Group 3

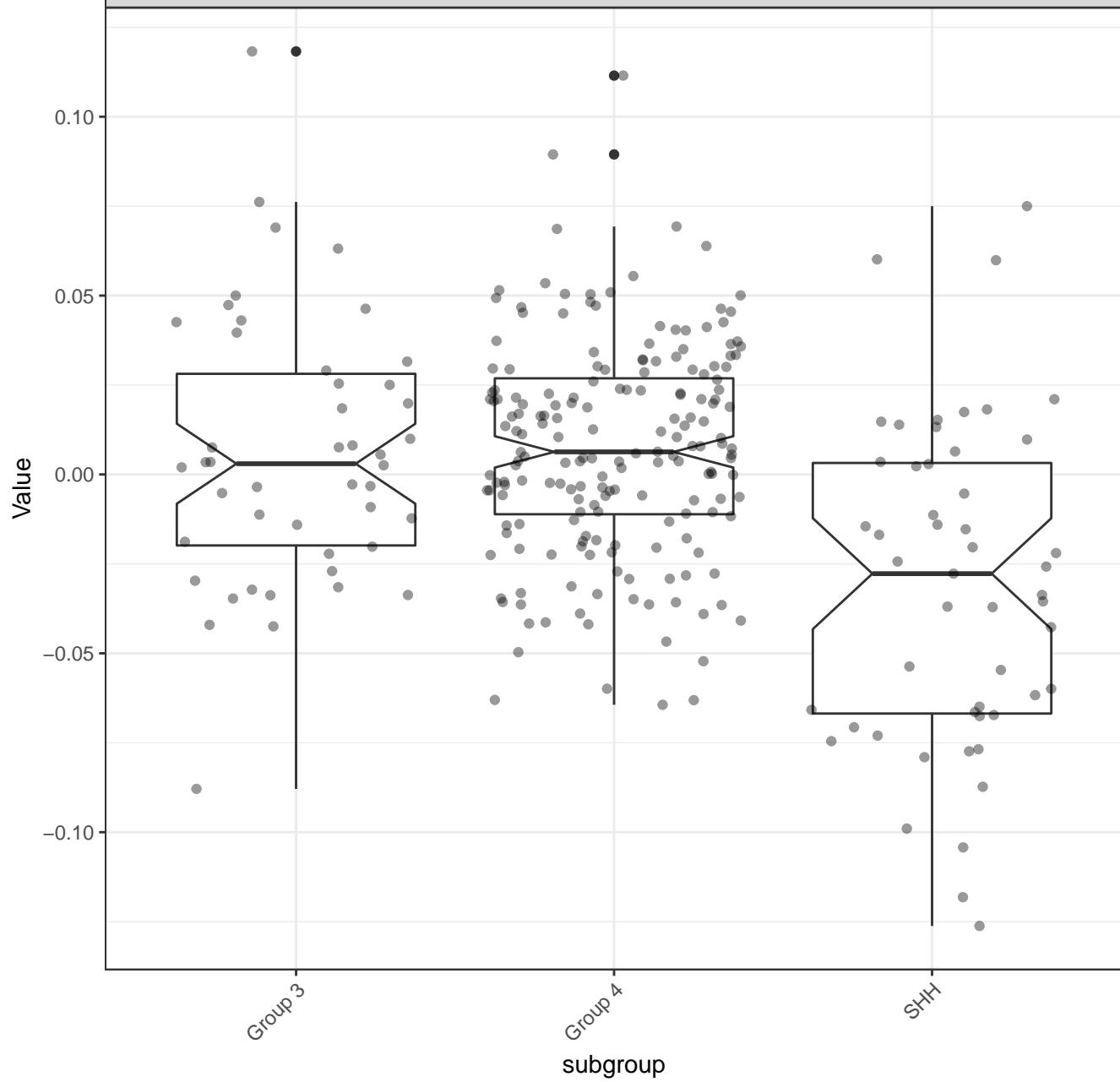
Group 4

SHH

subgroup



LV 52



LV 53

Value

0.4

0.2

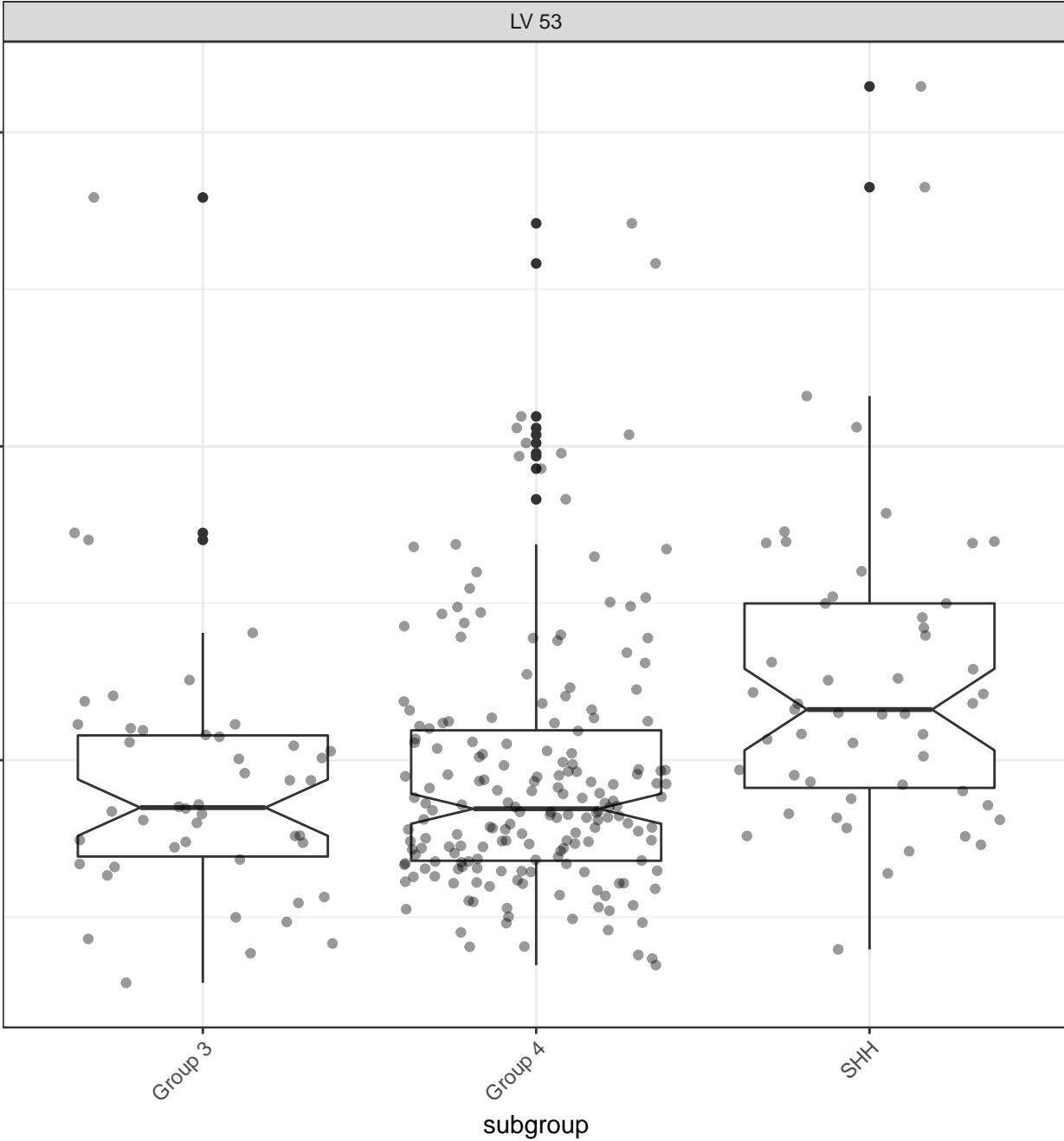
0.0

Group 3

Group 4

SHH

subgroup



LV 54

Value

0.10

0.05

0.00

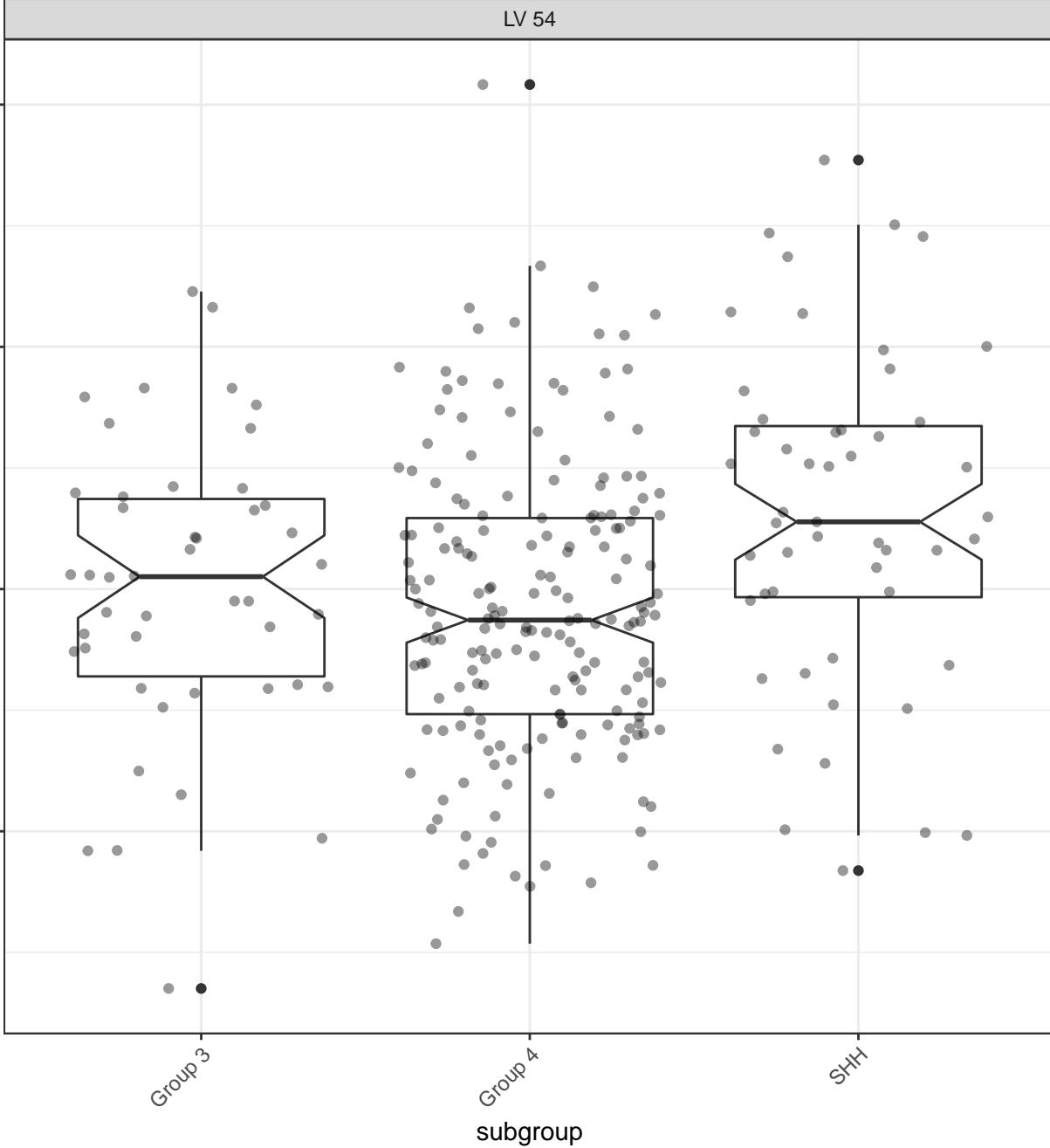
-0.05

Group 3

Group 4

SHH

subgroup



LV 55

Value

0.10

0.05

0.00

-0.05

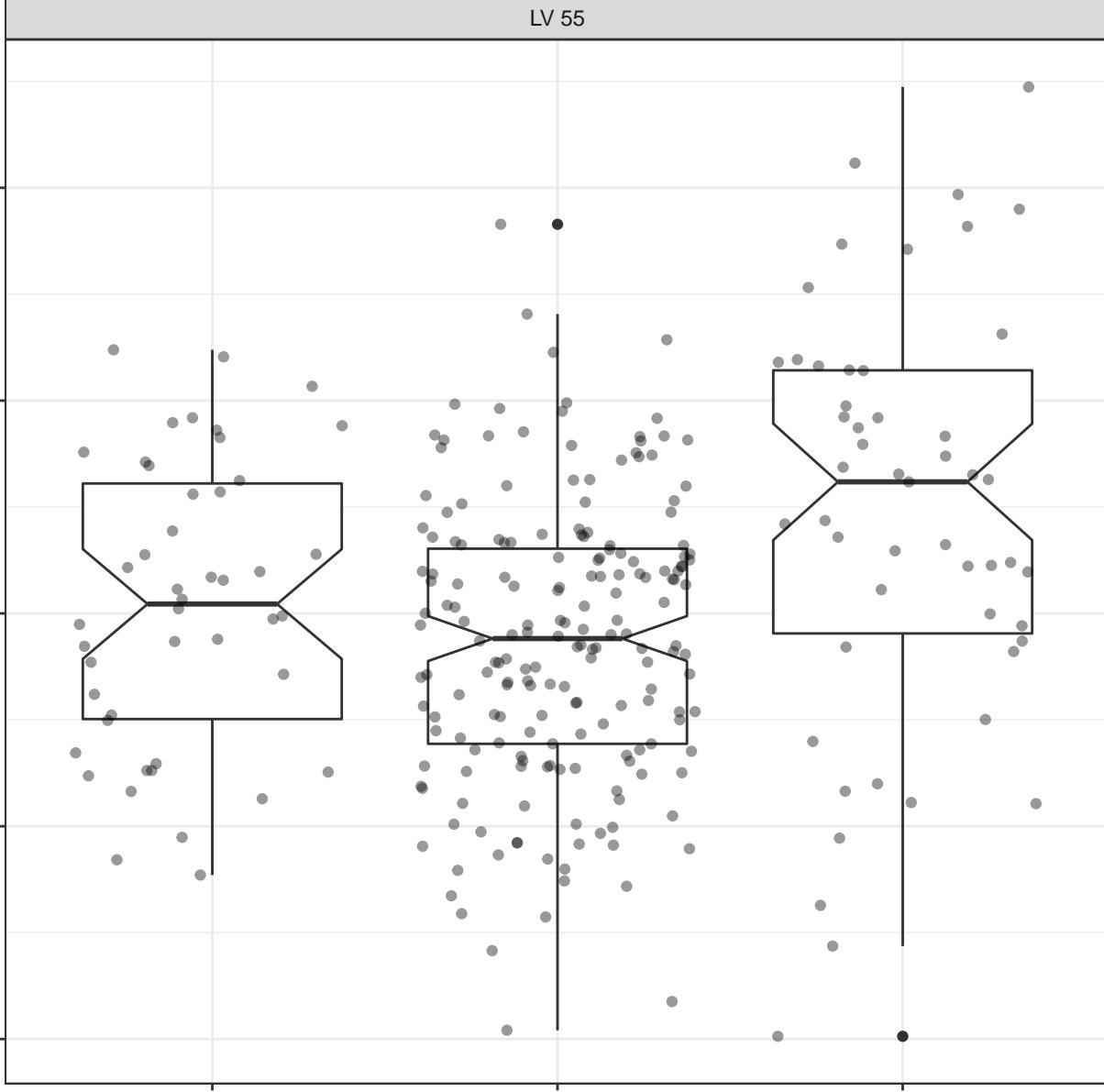
-0.10

Group 3

subgroup

Group 4

SHH



LV 56

Value

0.1

0.0

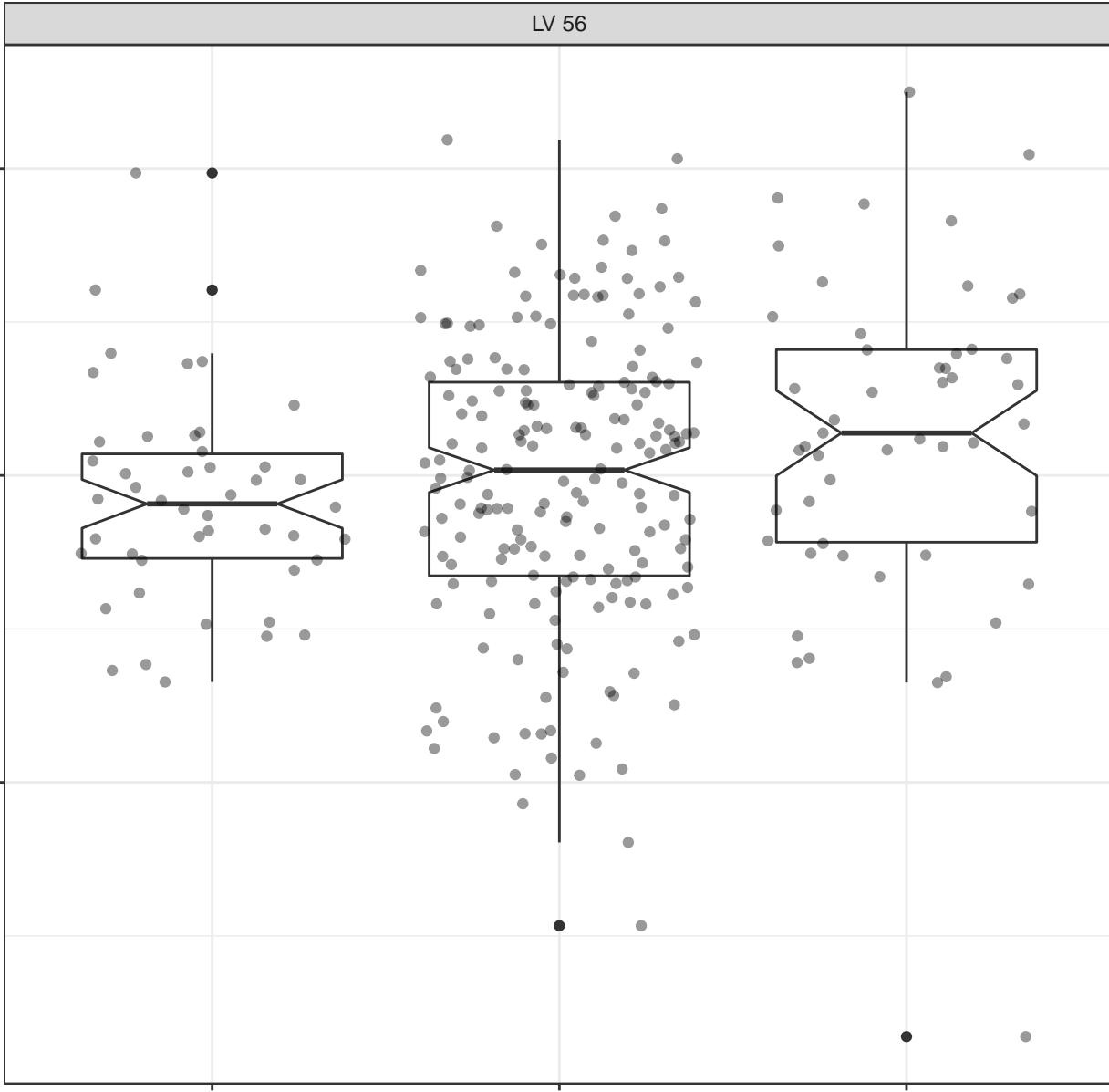
-0.1

Group 3

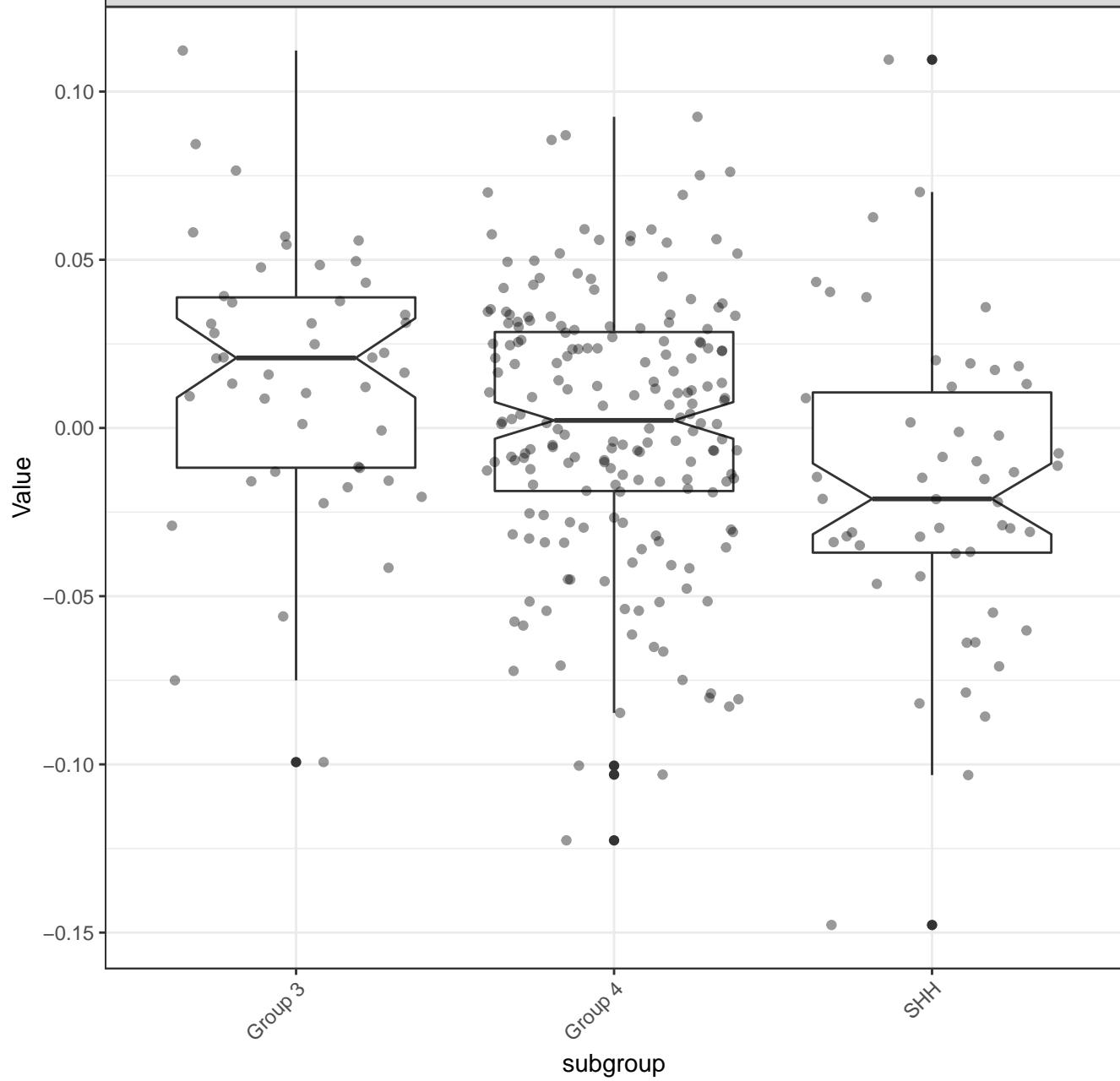
Group 4

SHH

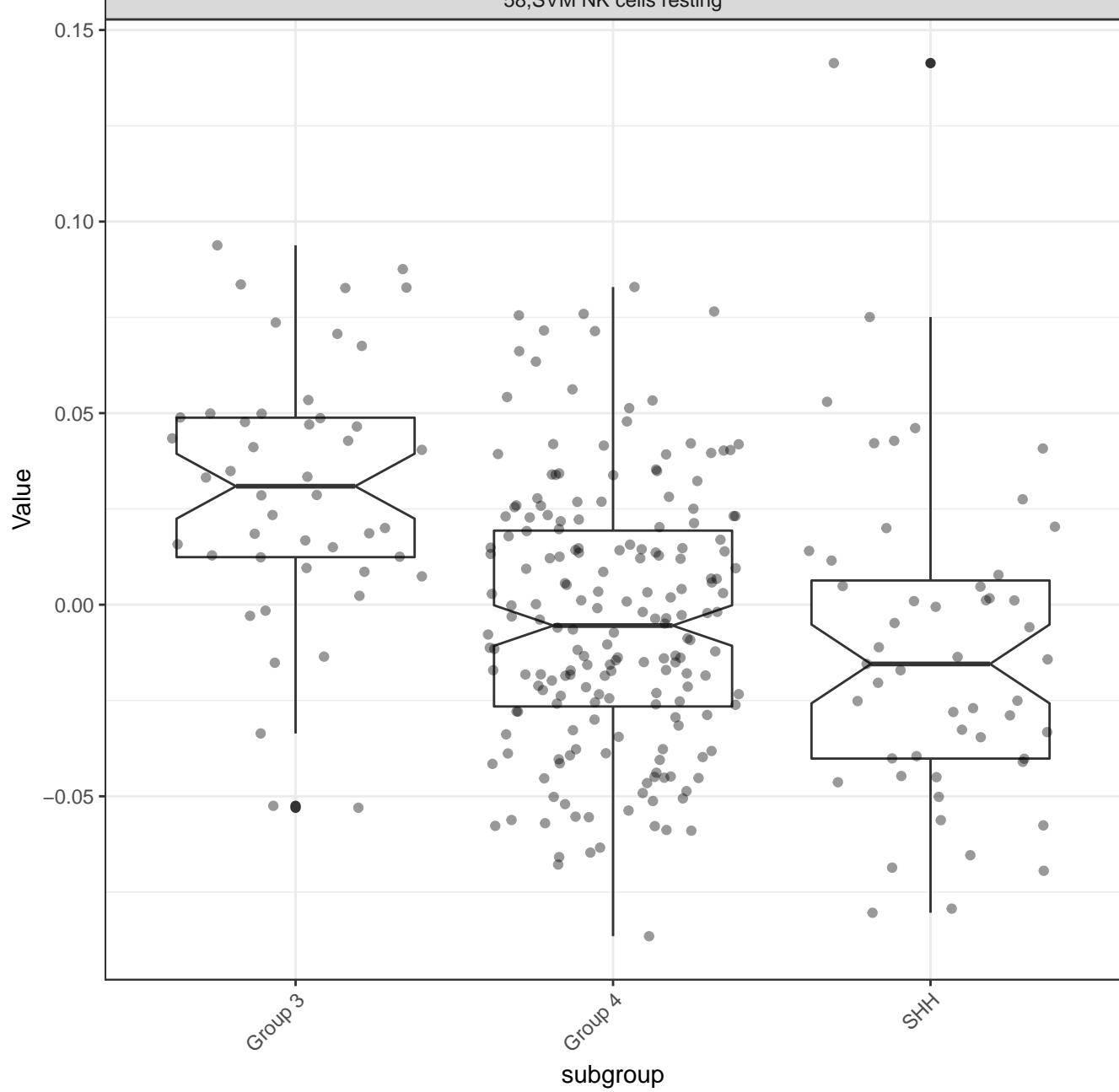
subgroup



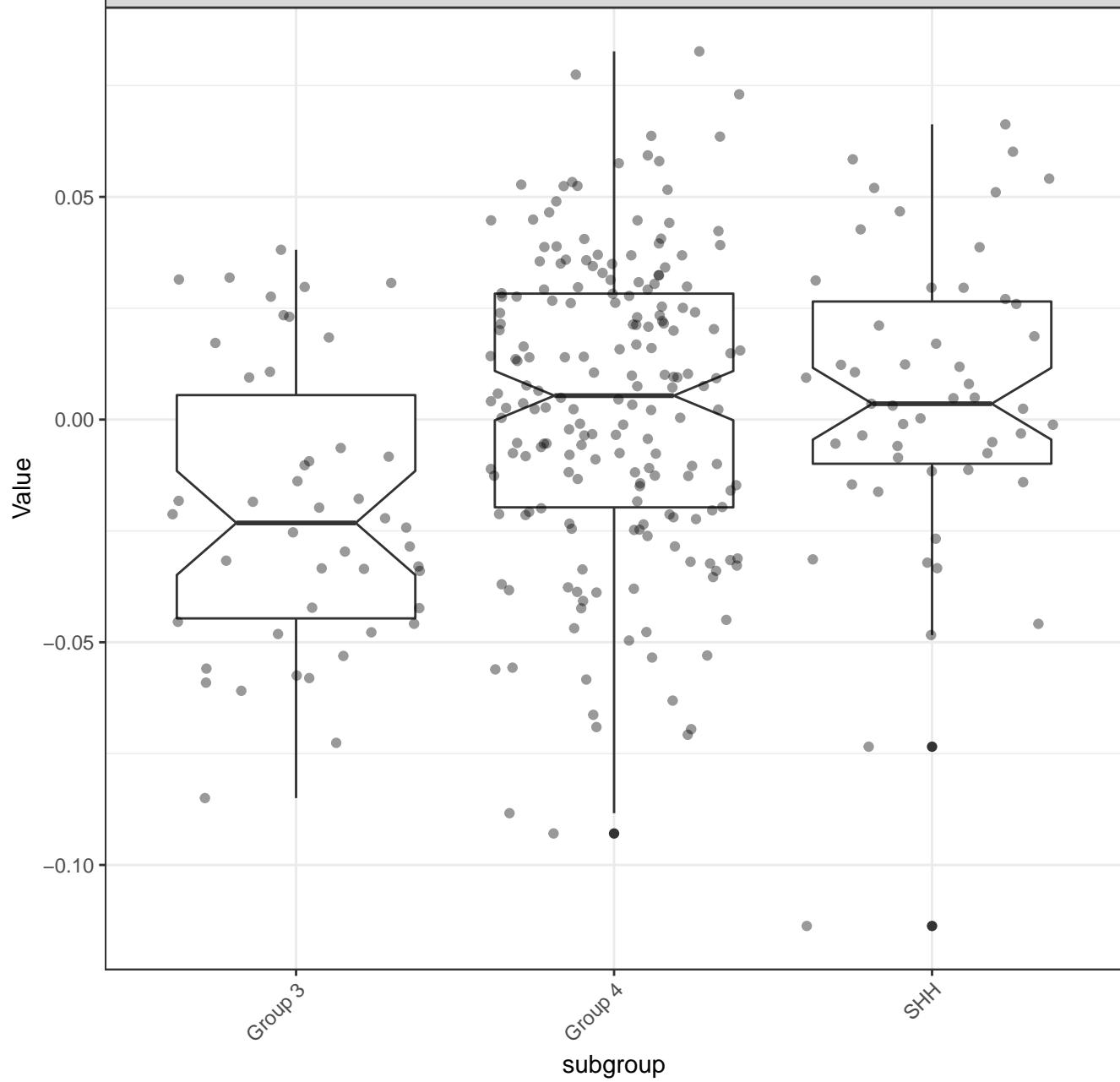
57,SVM T cells CD4 memory activated



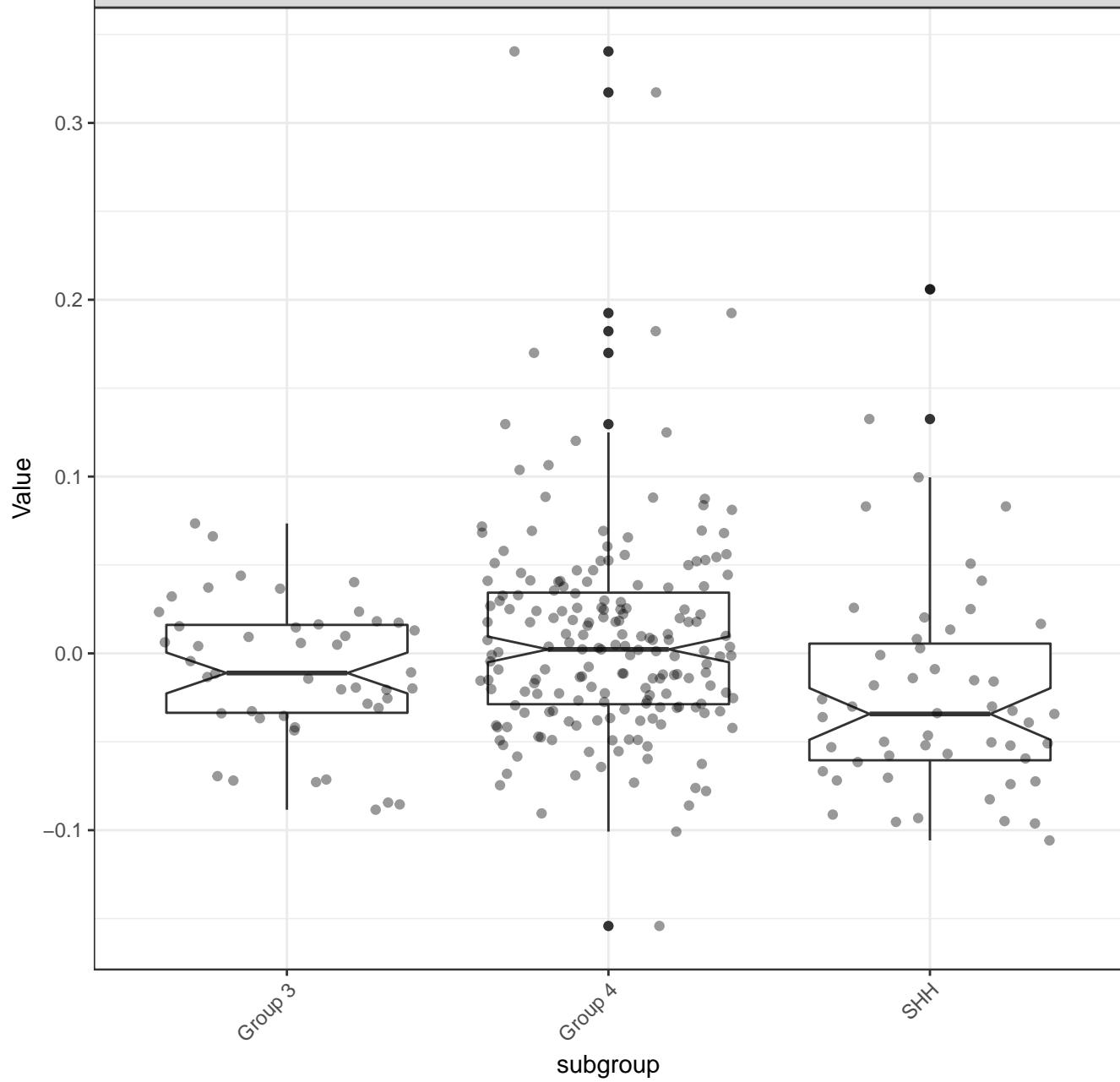
58,SVM NK cells resting



LV 59



LV 60



61,DMAP_ERY5

Value

0.15

0.10

0.05

0.00

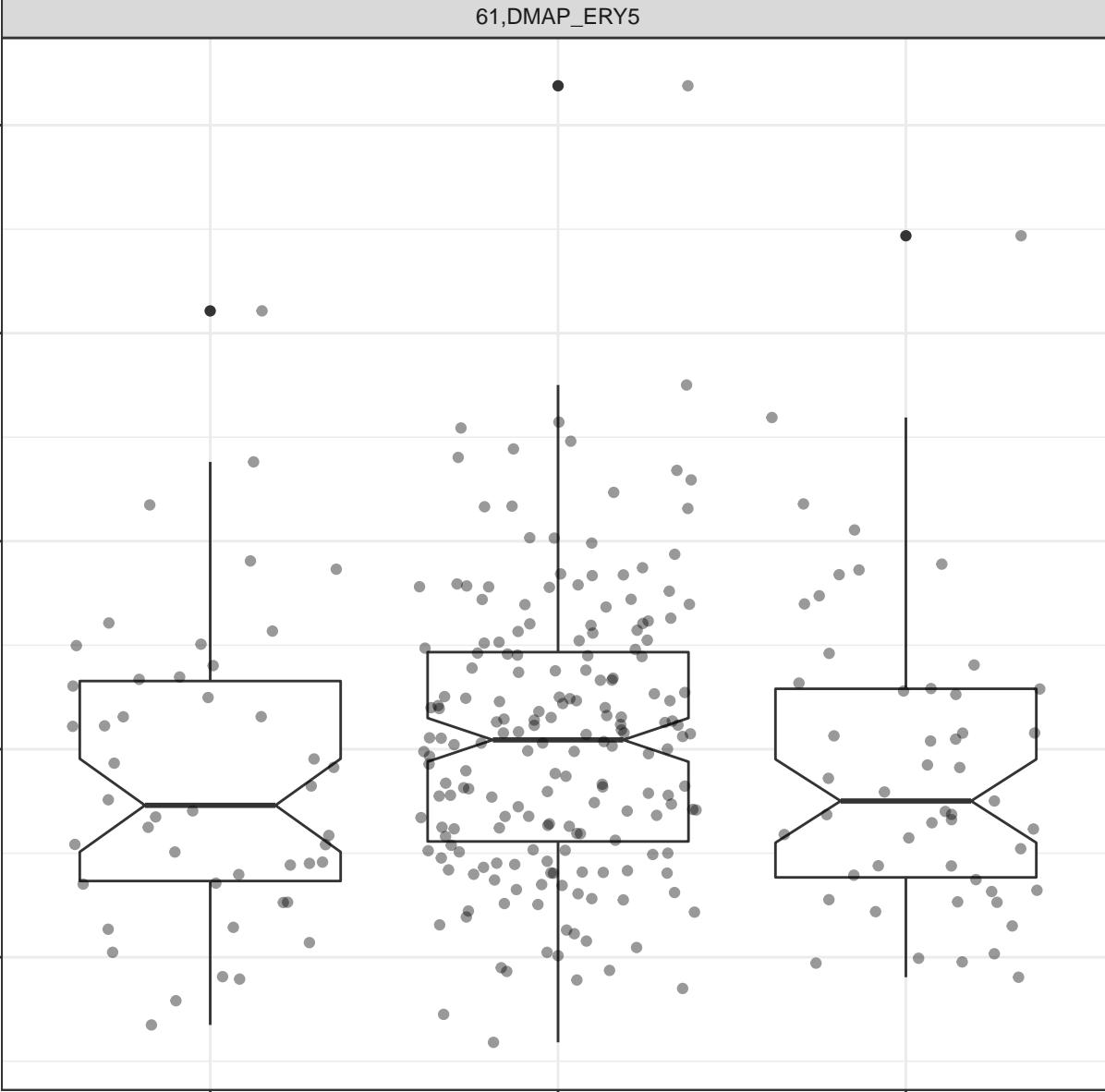
-0.05

Group 3

subgroup

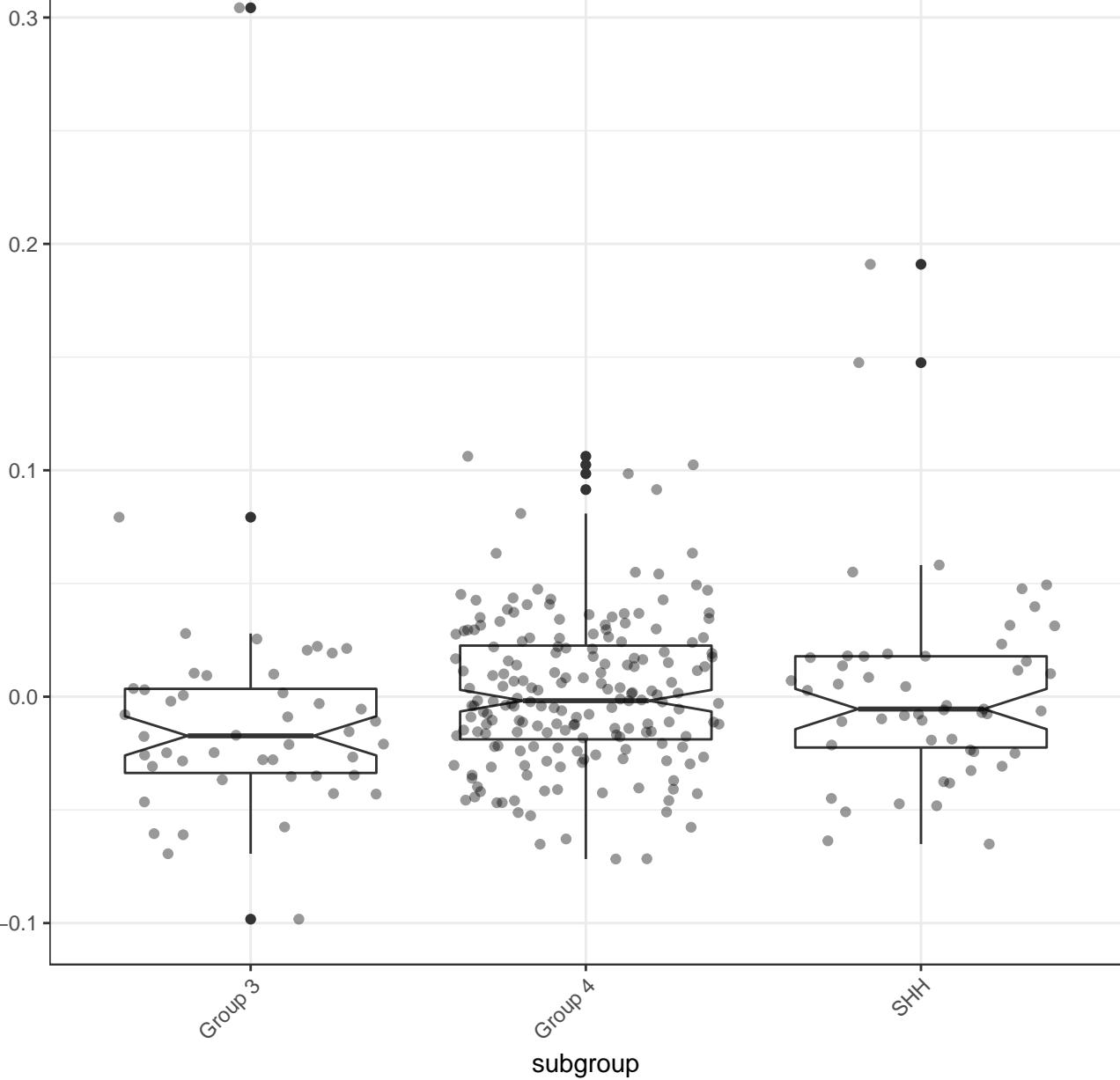
Group 4

SHH

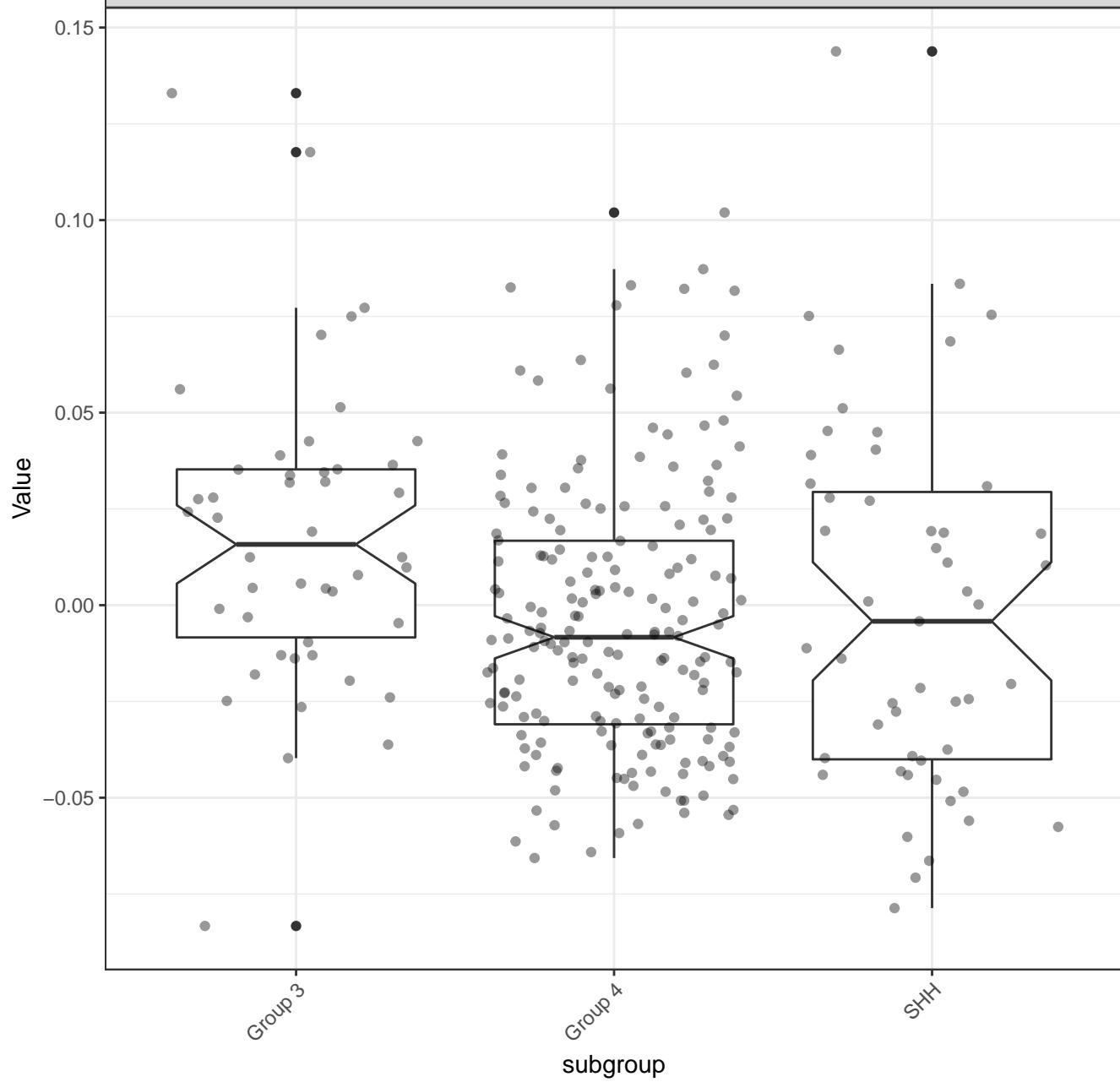


LV 62

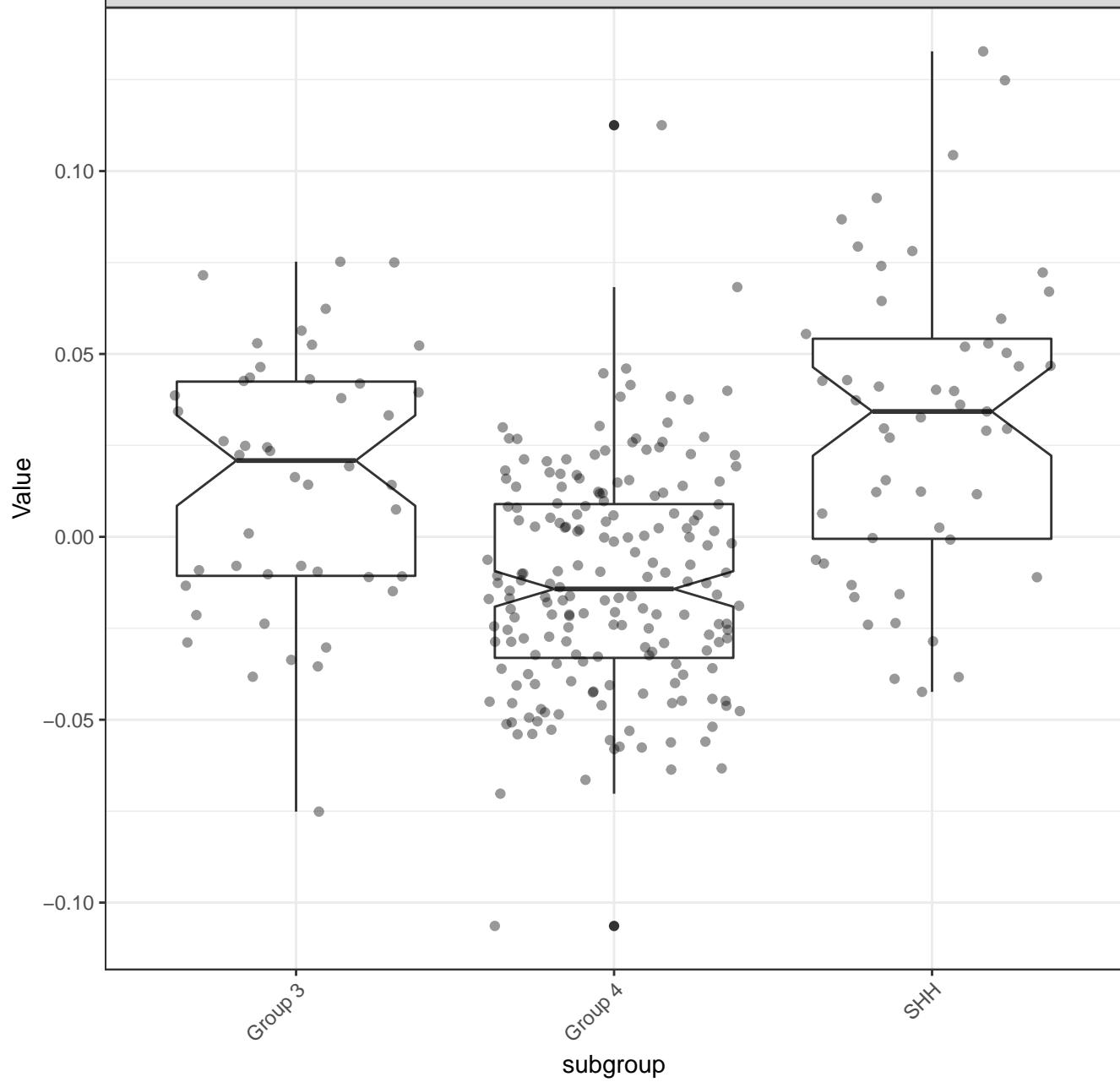
Value



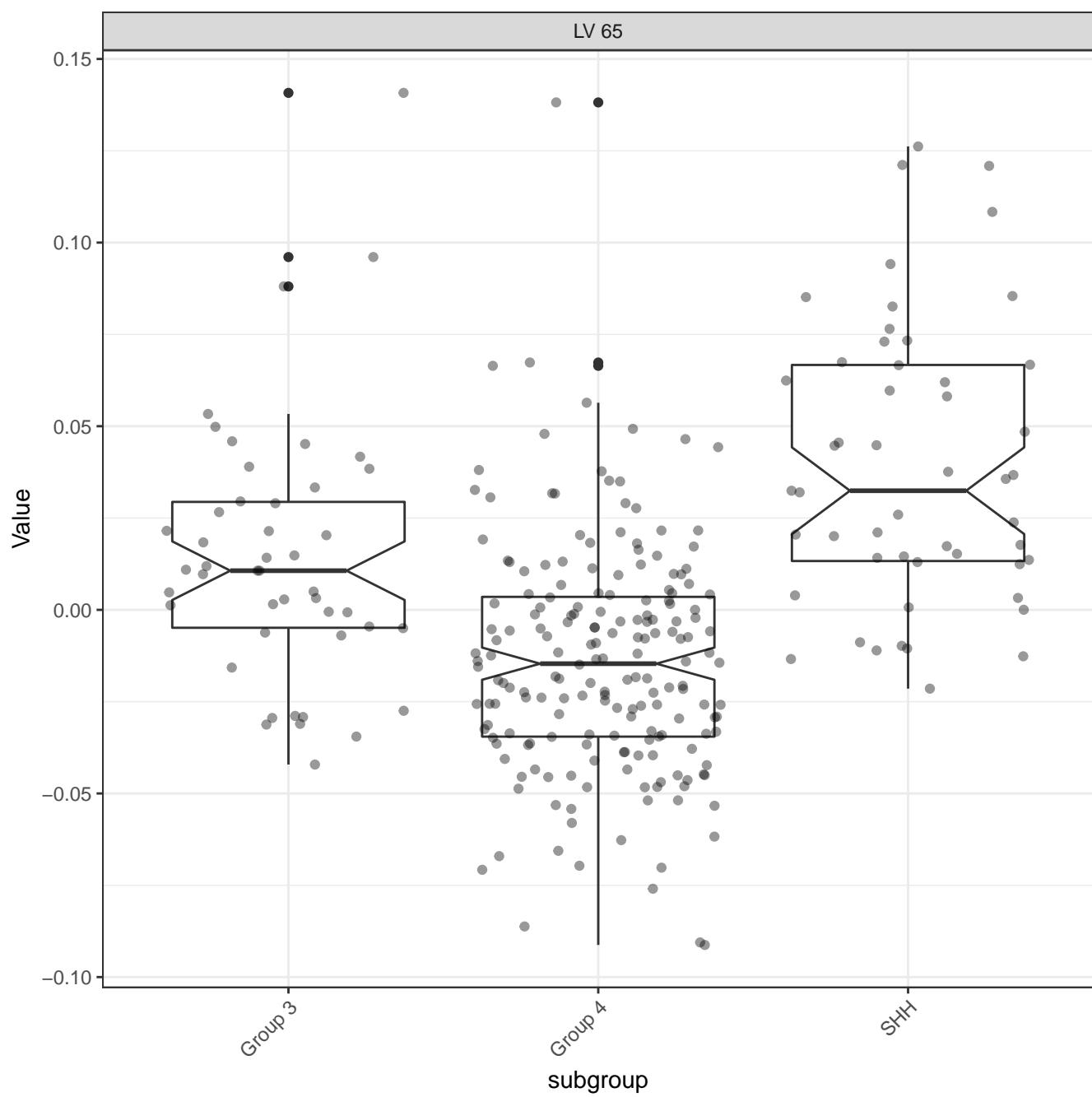
LV 63



LV 64



LV 65



66,REACTOME_METABOLISM_OF_LIPIDS_AND_LIPOPROTEINS

Value

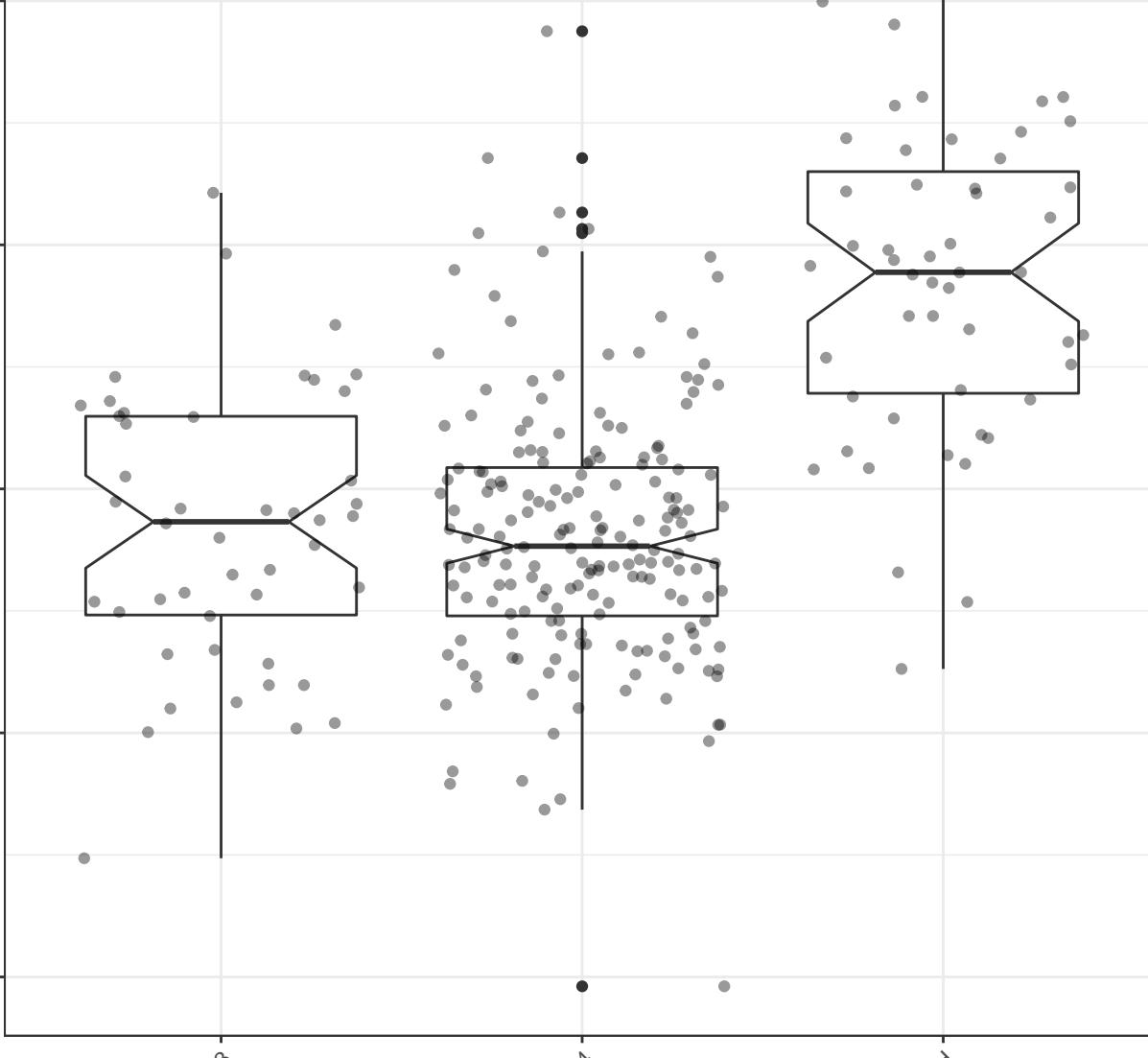
0.10
0.05
0.00
-0.05
-0.10

Group 3

Group 4

SHH

subgroup



LV 67

Value

0.05

0.00

-0.05

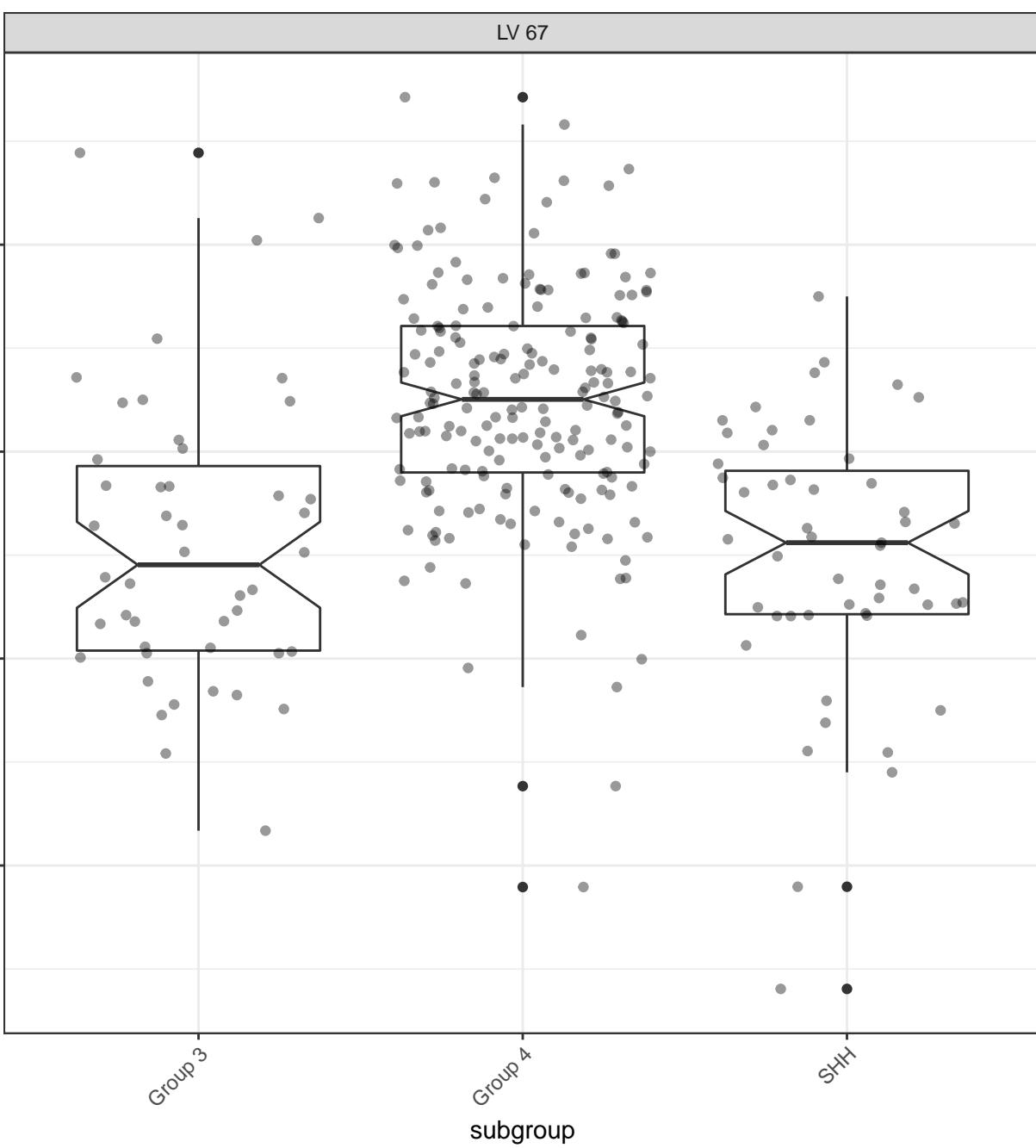
-0.10

Group 3

Group 4

SHH

subgroup



68,DMAP_ERY2

Value

0.4

0.2

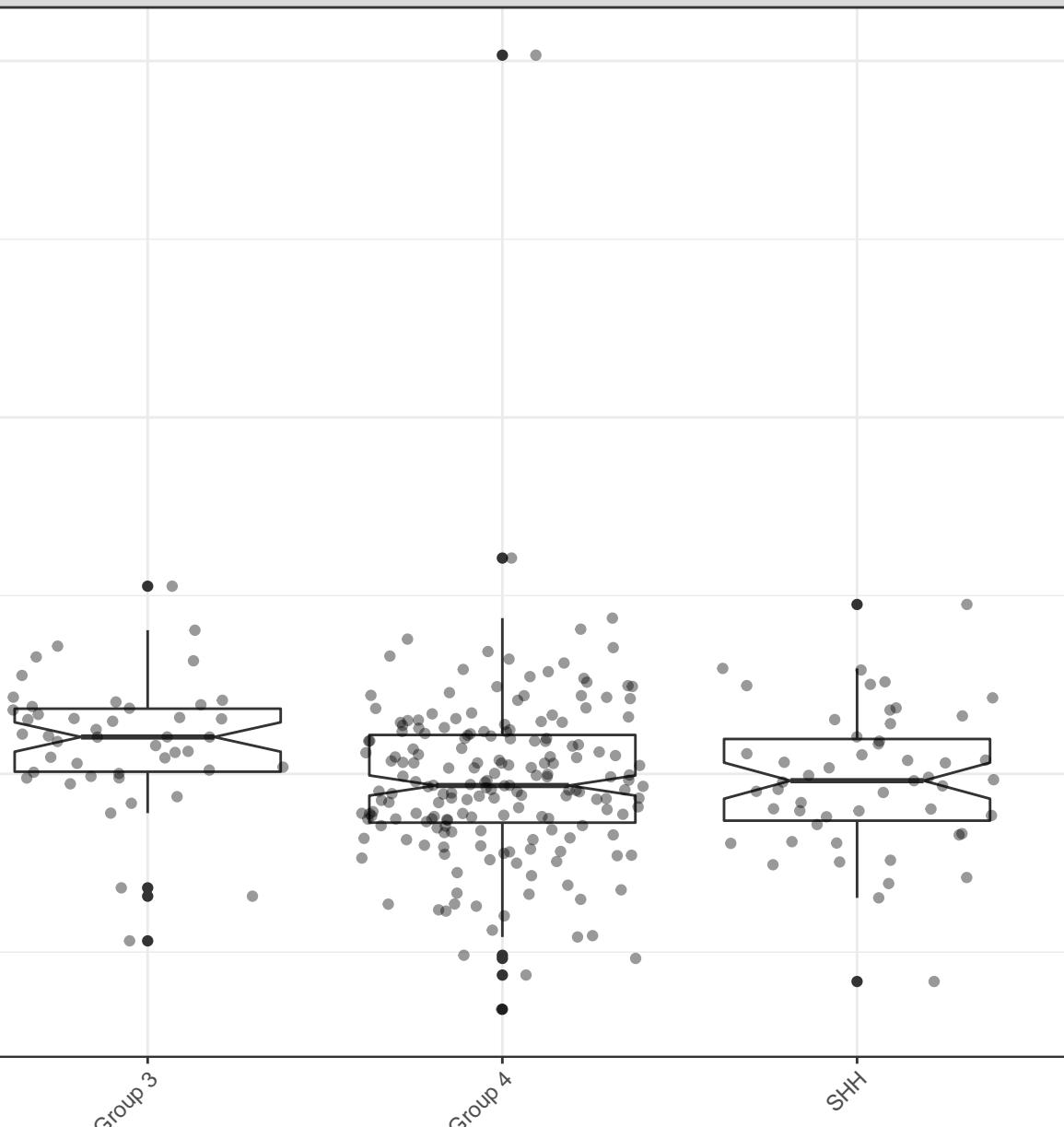
0.0

Group 3

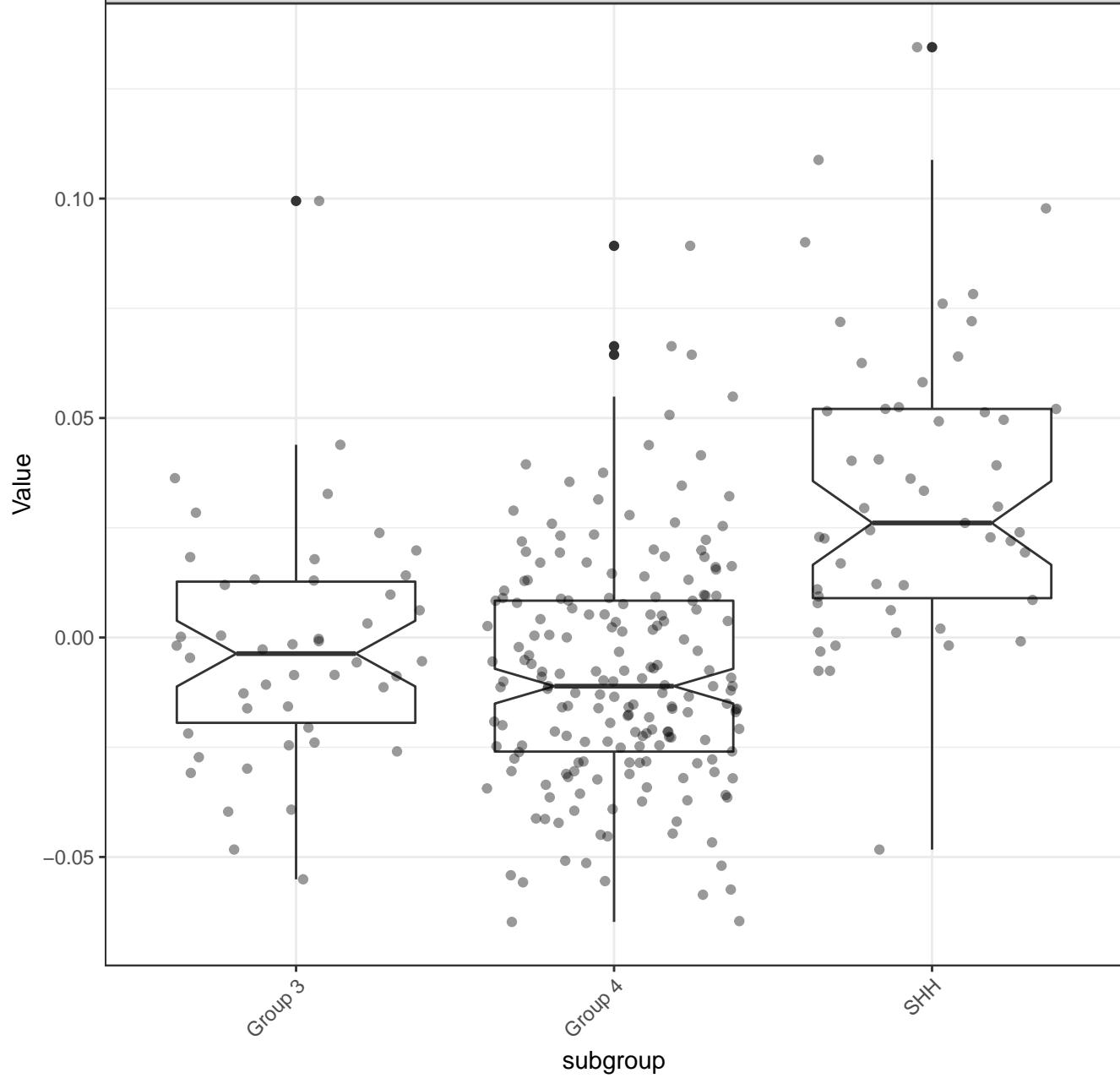
Group 4

SHH

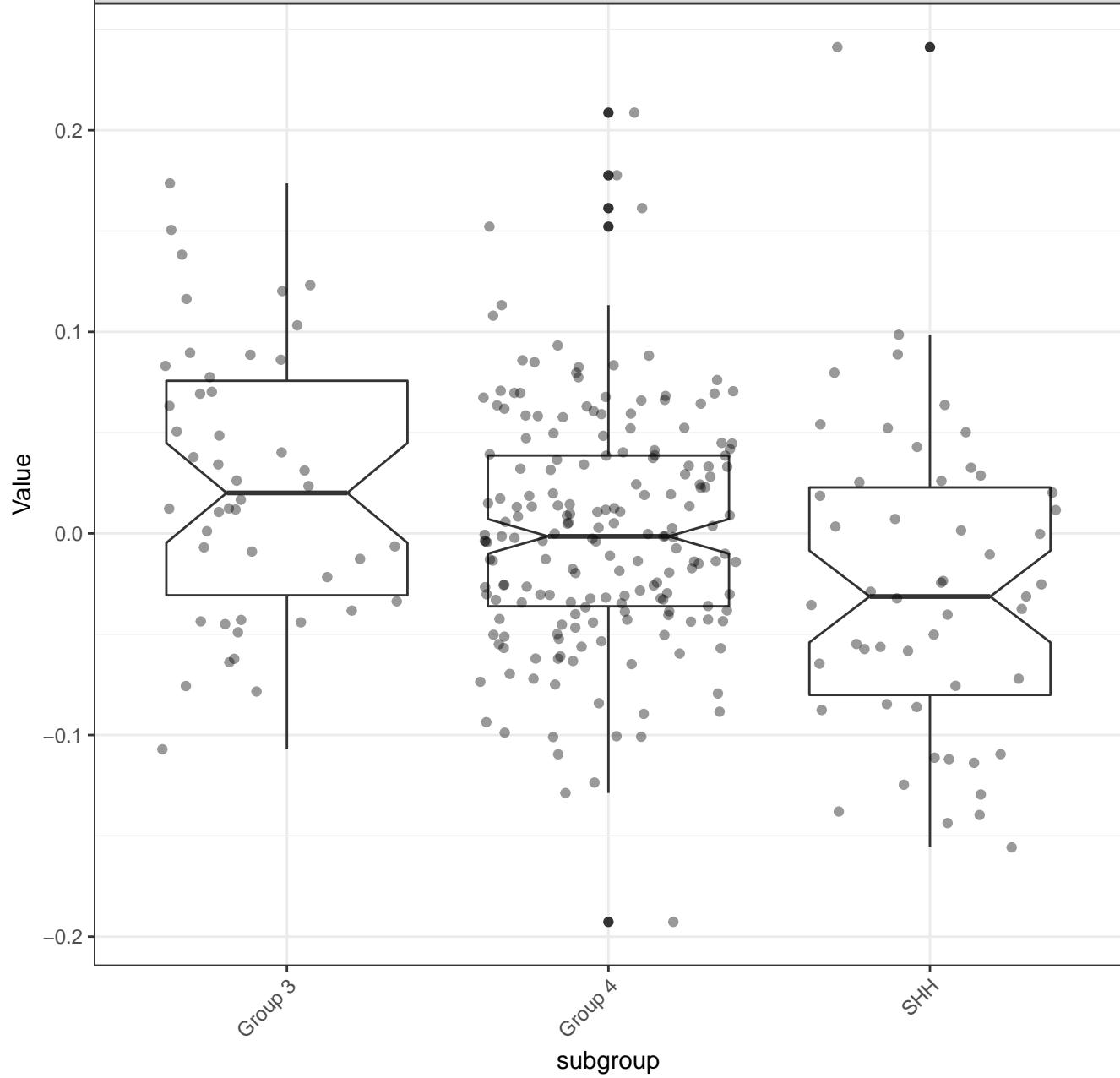
subgroup



69,SVM Macrophages M1



70,MIPS_PA700_20S_PA28_COMPLEX



LV 71

Value

0.1

0.0

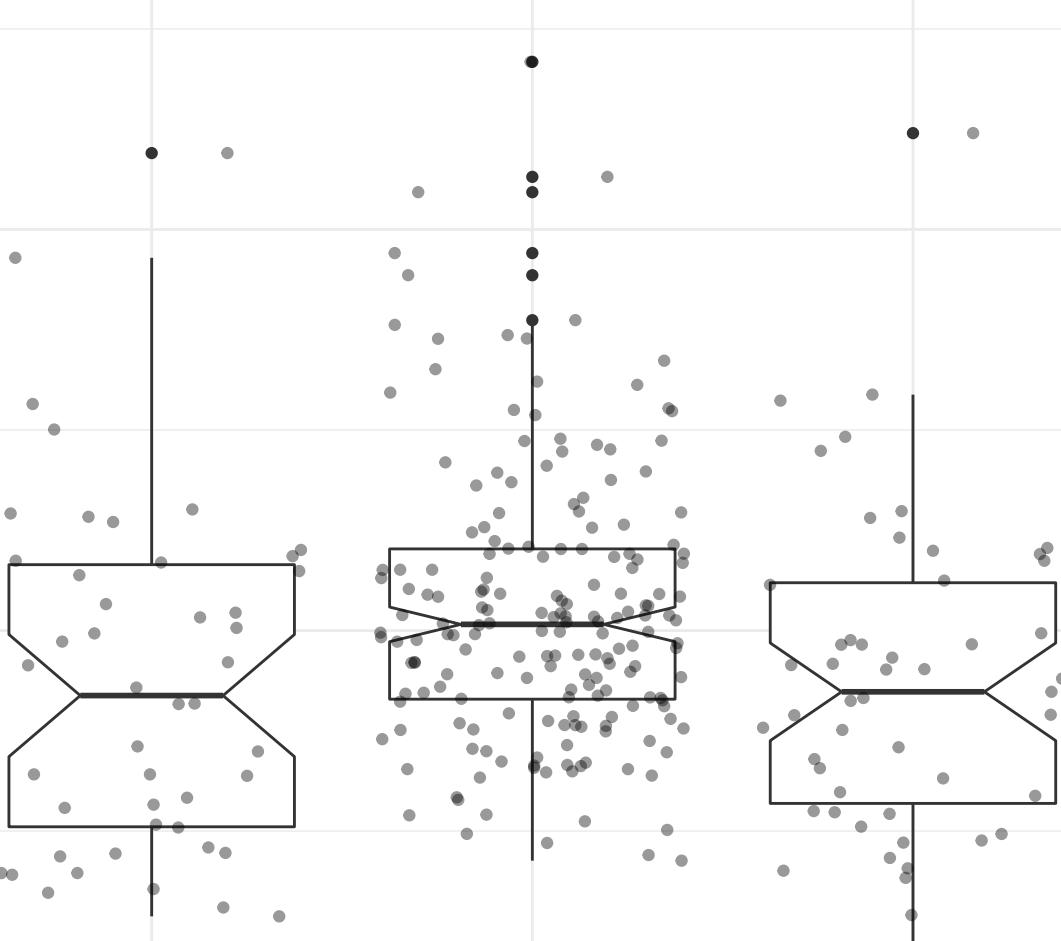
-0.1

Group 3

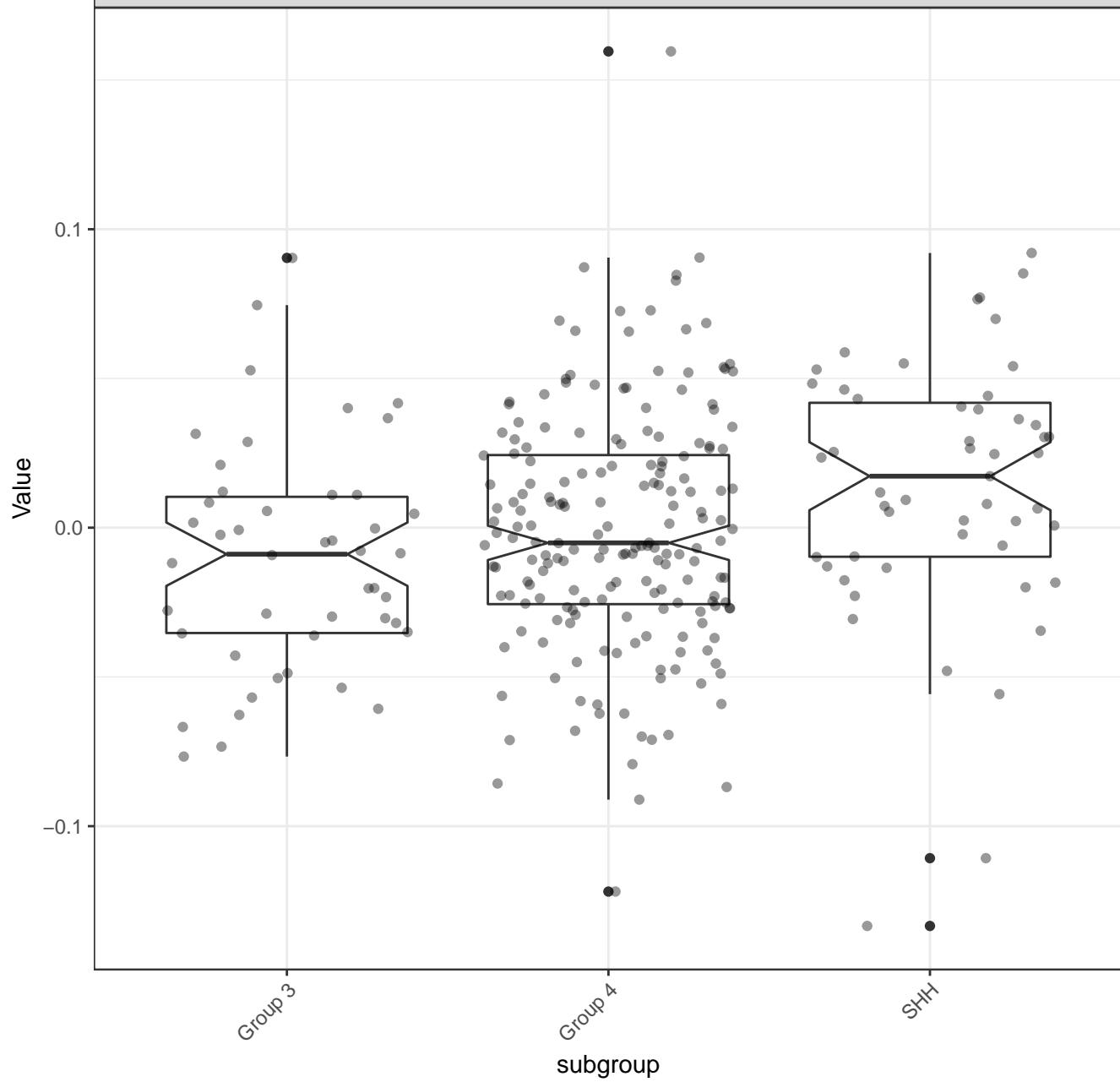
subgroup

Group 4

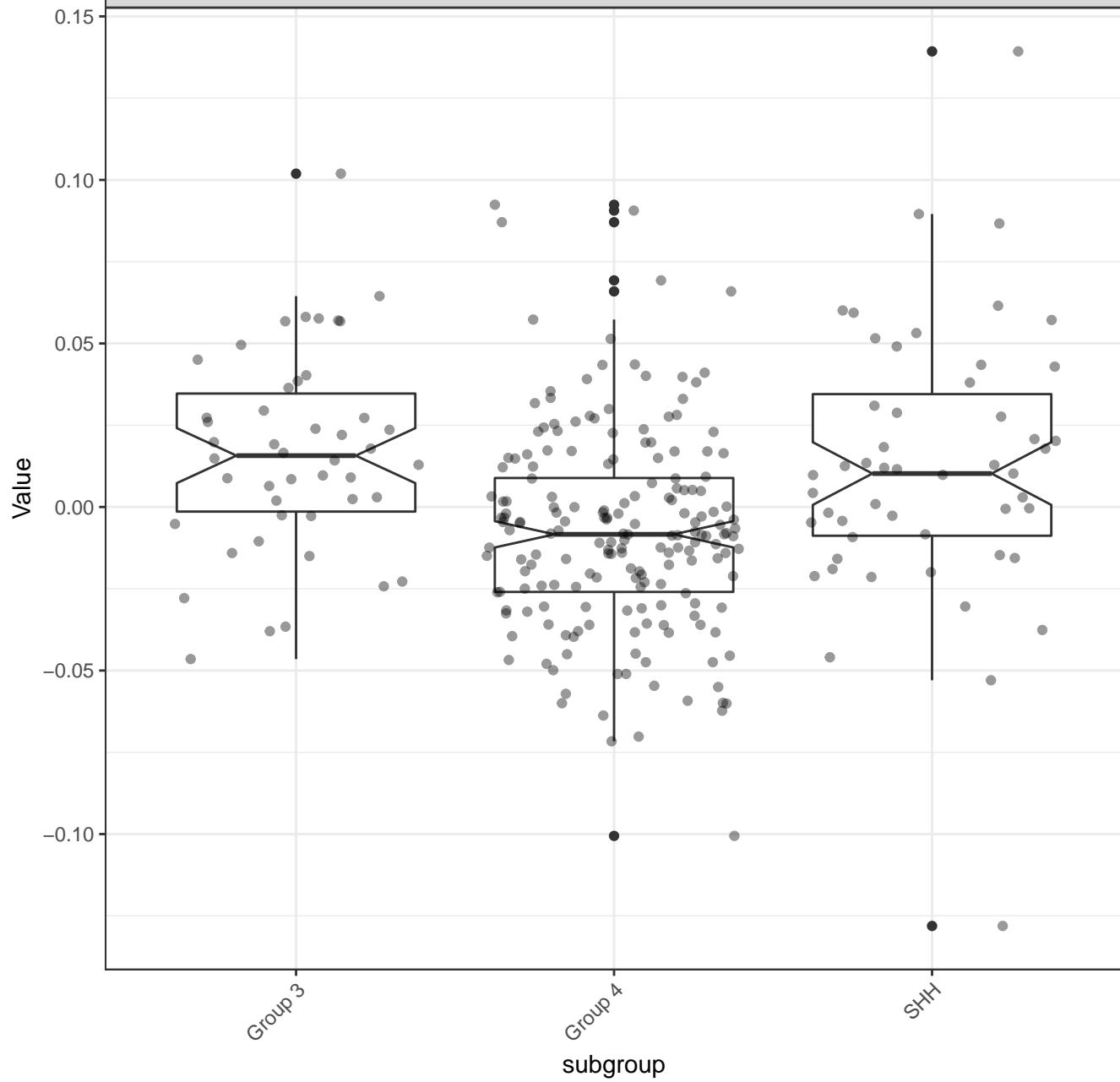
SHH



LV 72



LV 73



74,REACTOME_UNFOLDED_PROTEIN_RESPONSE

Value

0.2

0.0

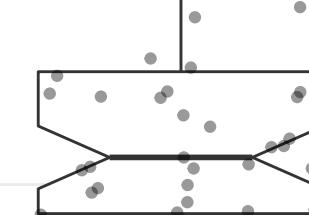
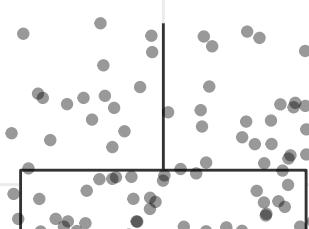
-0.2

Group³

Group⁴

SHH

subgroup



LV 75

Value

0.10

0.05

0.00

-0.05

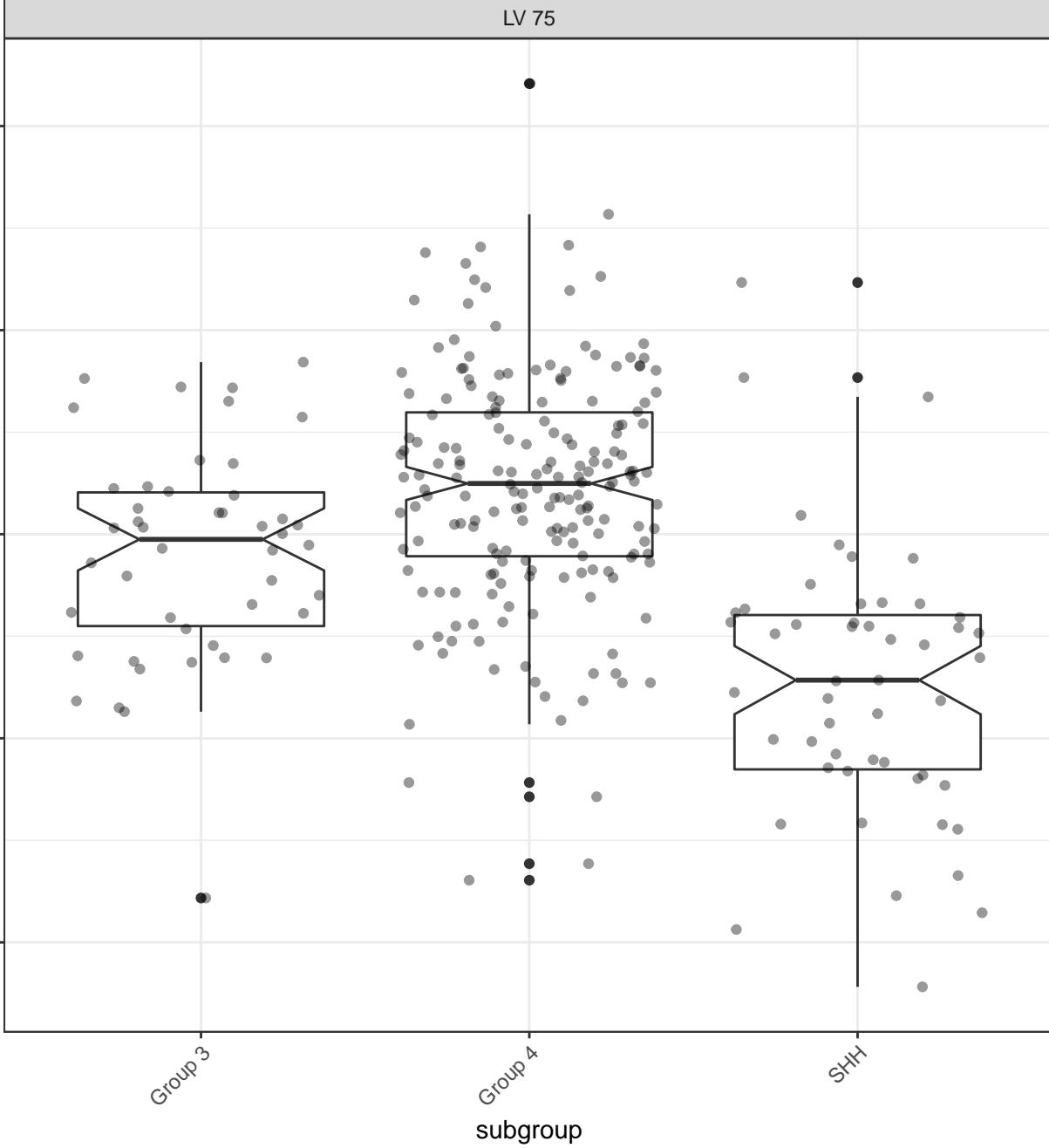
-0.10

Group 3

Group 4

SHH

subgroup



LV 76

Value

0.05

0.01

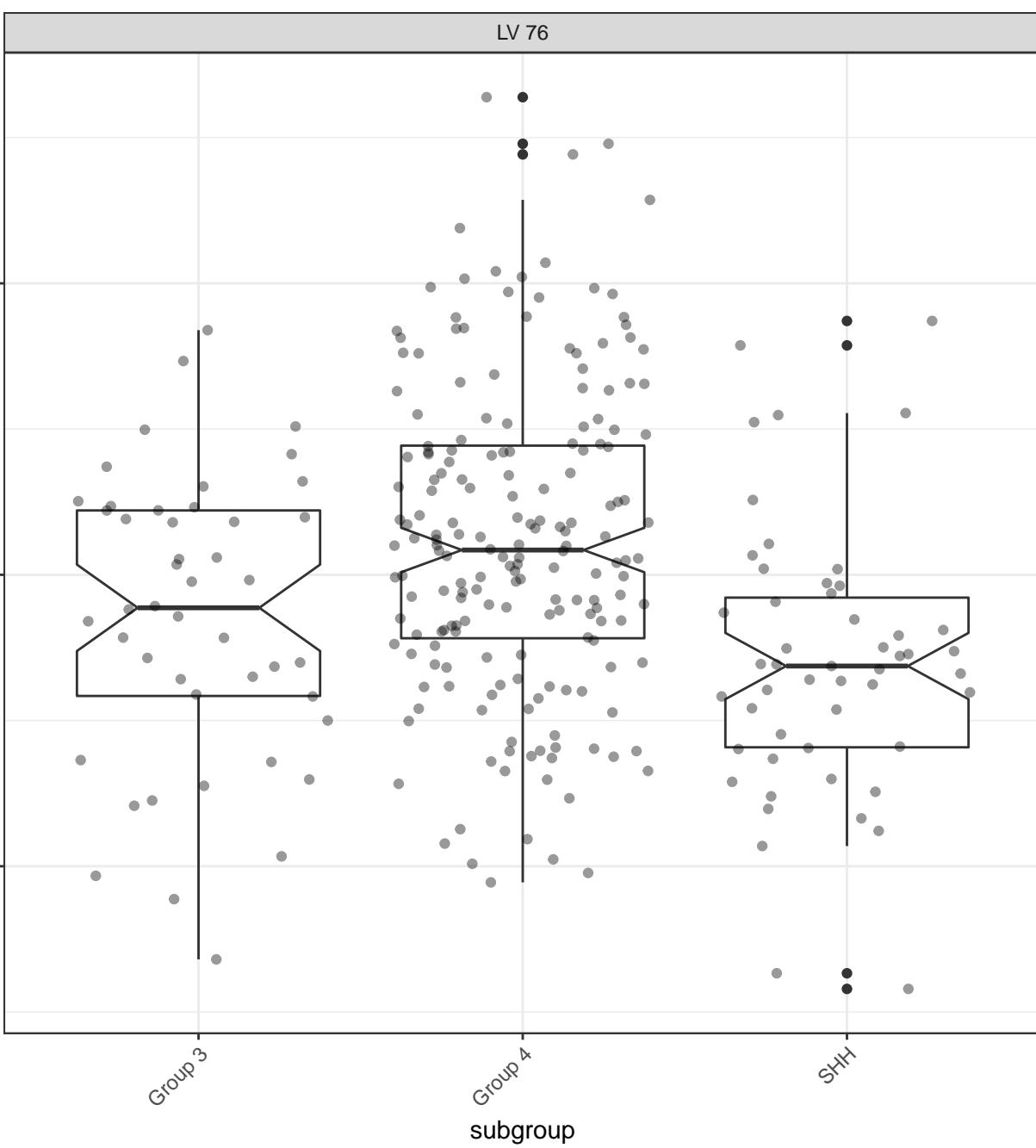
-0.05

Group 3

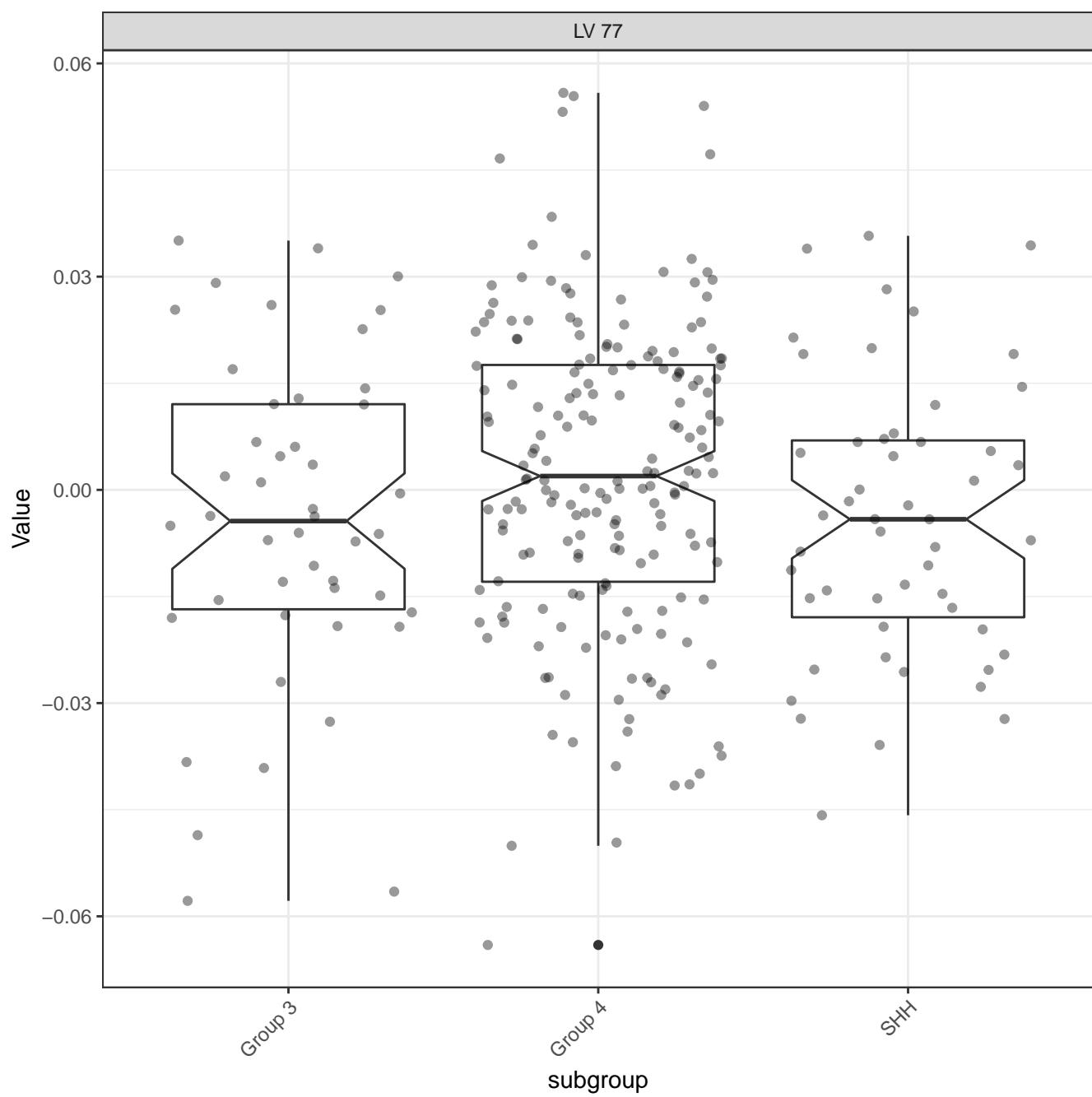
Group 4

SHH

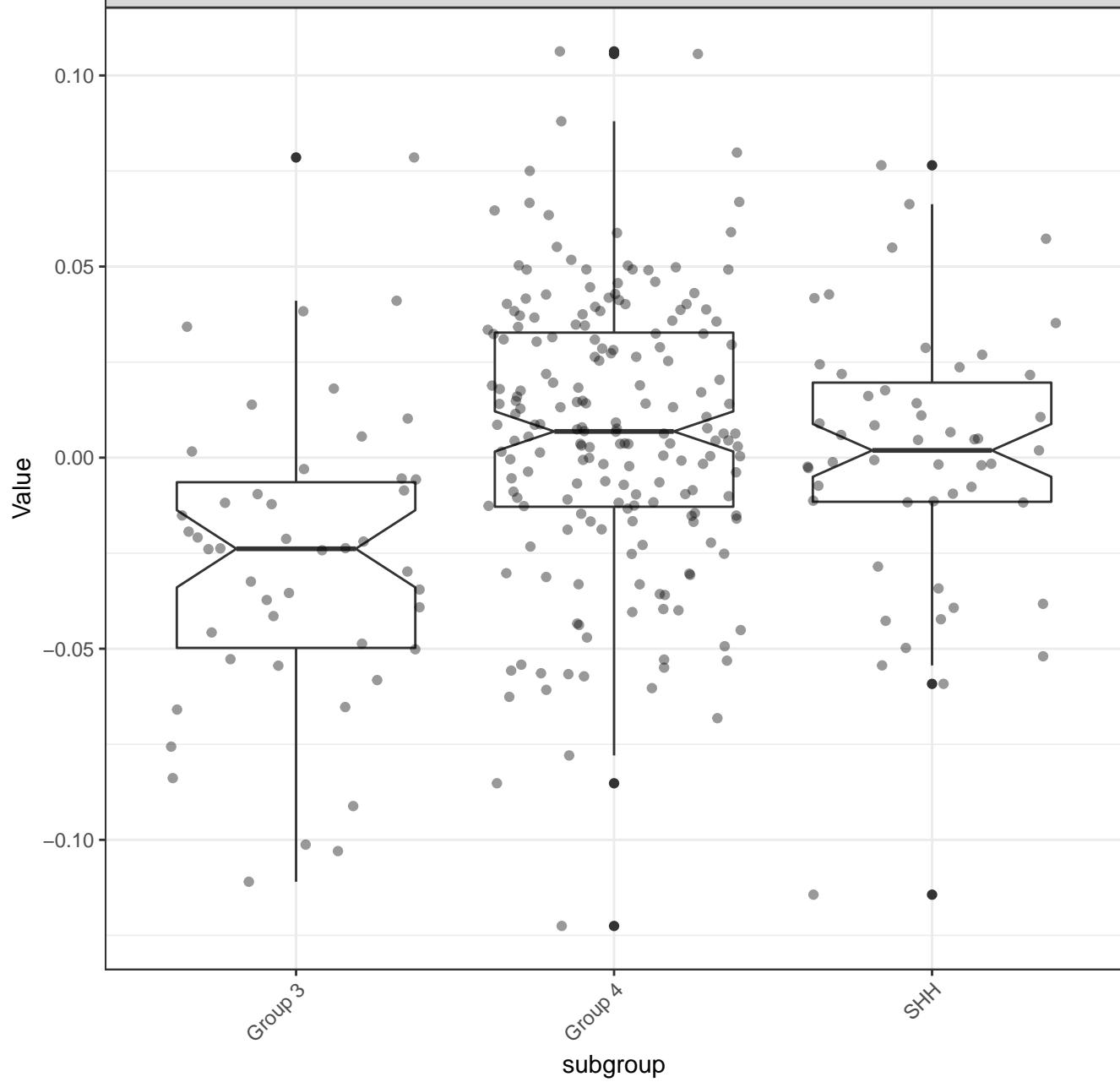
subgroup



LV 77



LV 78



LV 79

Value

0.10

0.05

0.00

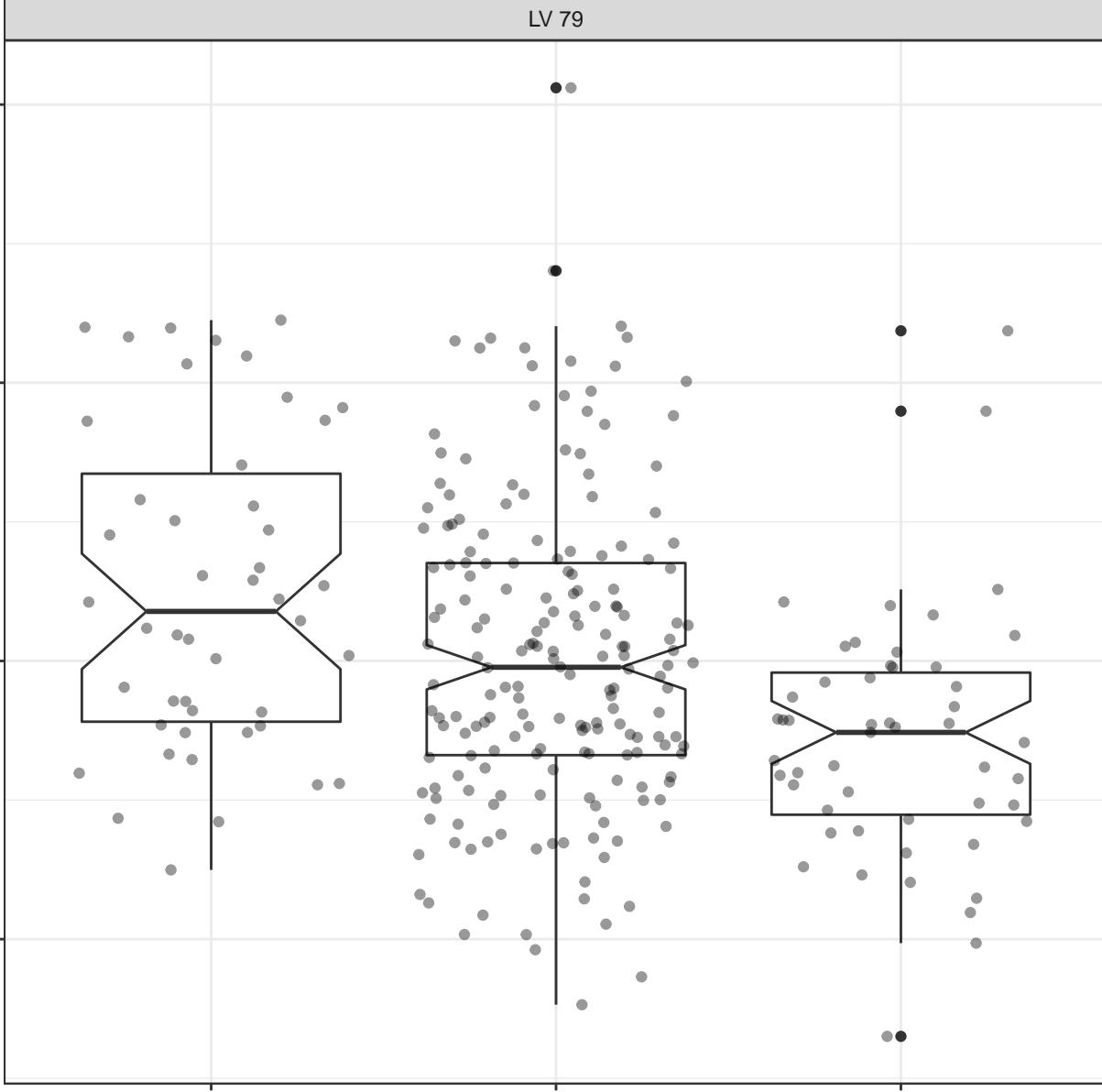
-0.05

Group 3

Group 4

SHH

subgroup



LV 80

Value

0.10

0.05

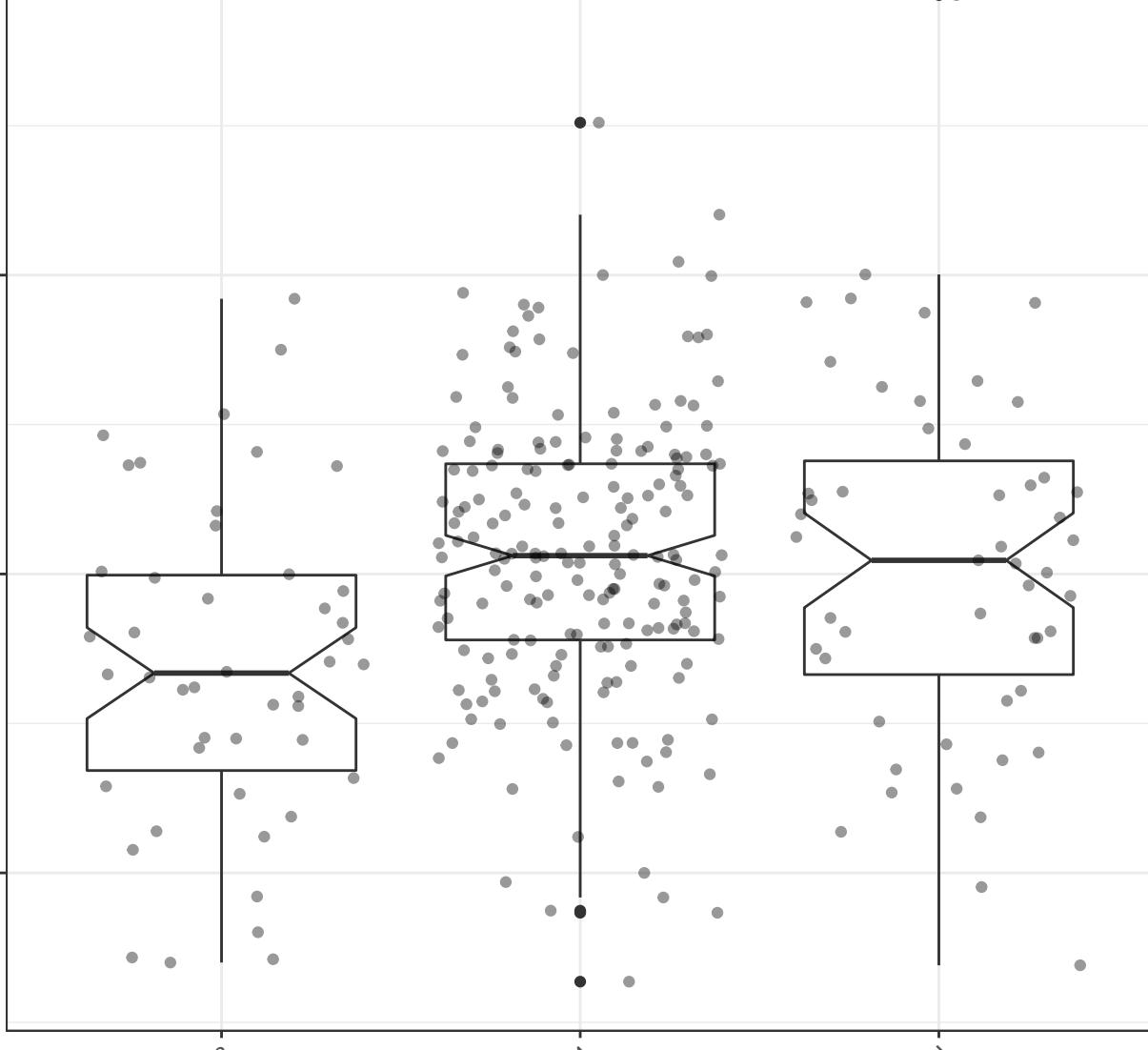
0.00

-0.05

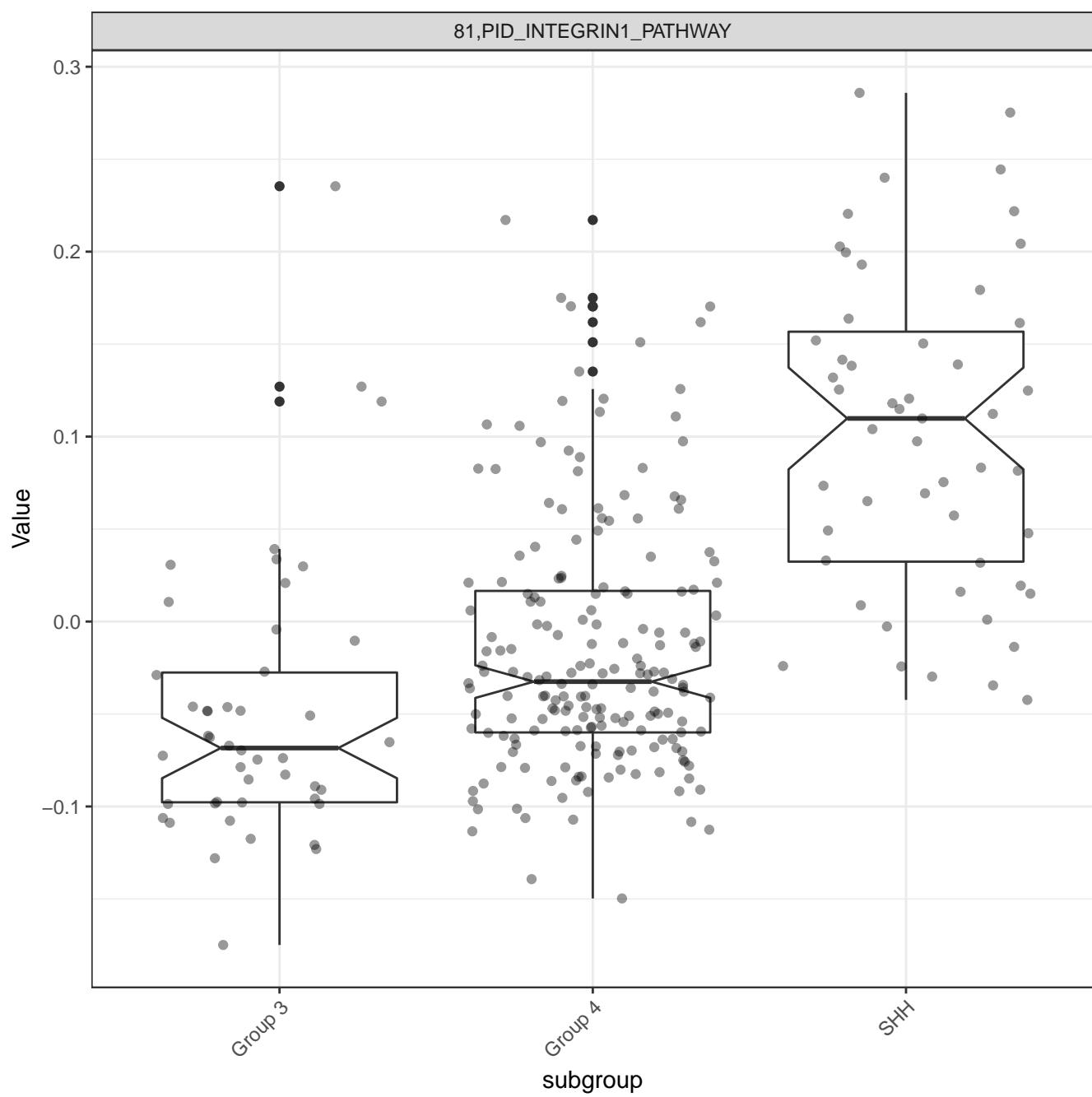
Group 3

subgroup

SHH



81,PID_INTEGRIN1_PATHWAY



82,PID_RAC1_PATHWAY

Value

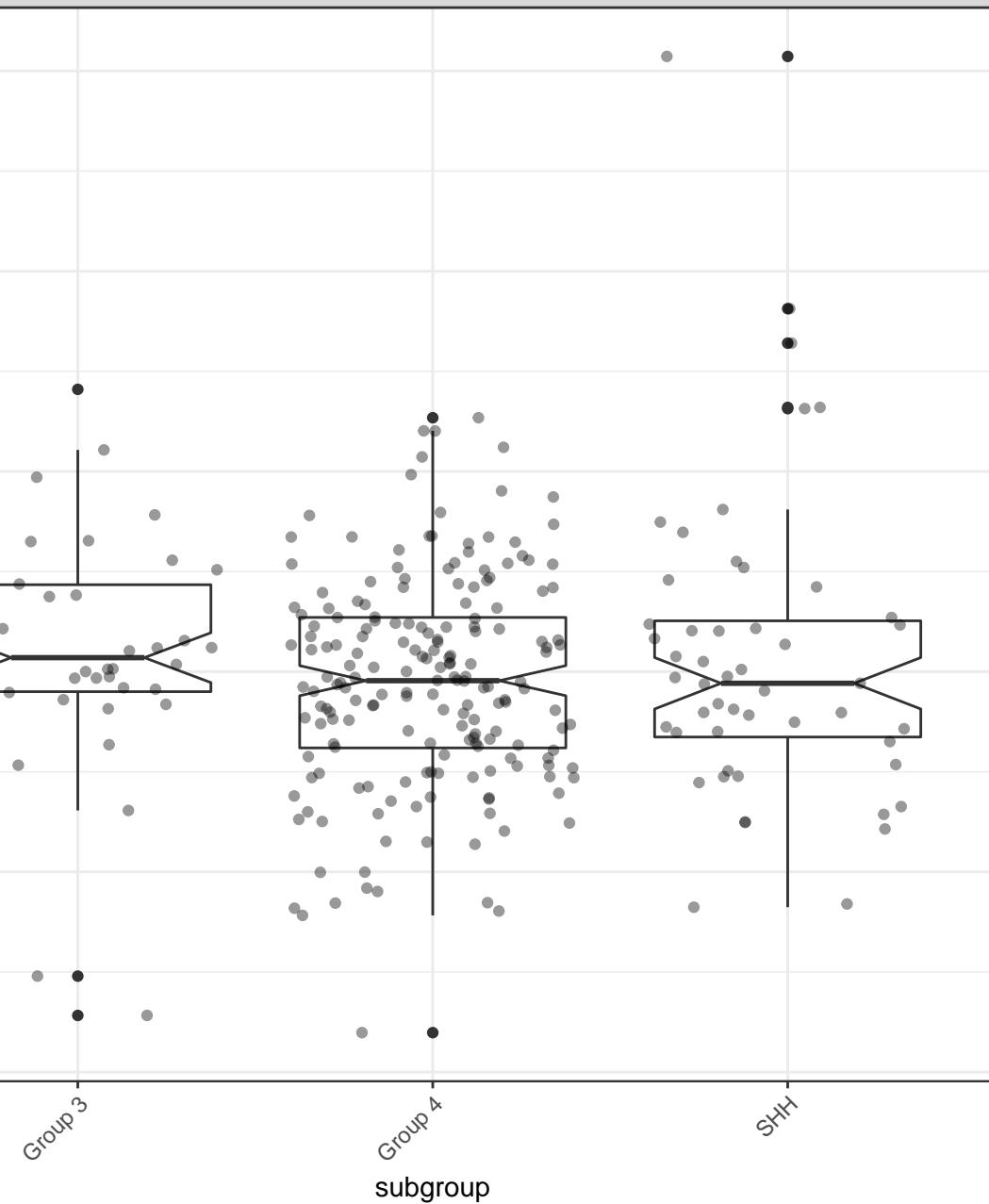
0.15
0.10
0.05
0.00
-0.05
-0.10

Group 3

Group 4

SHH

subgroup



LV 83

Value

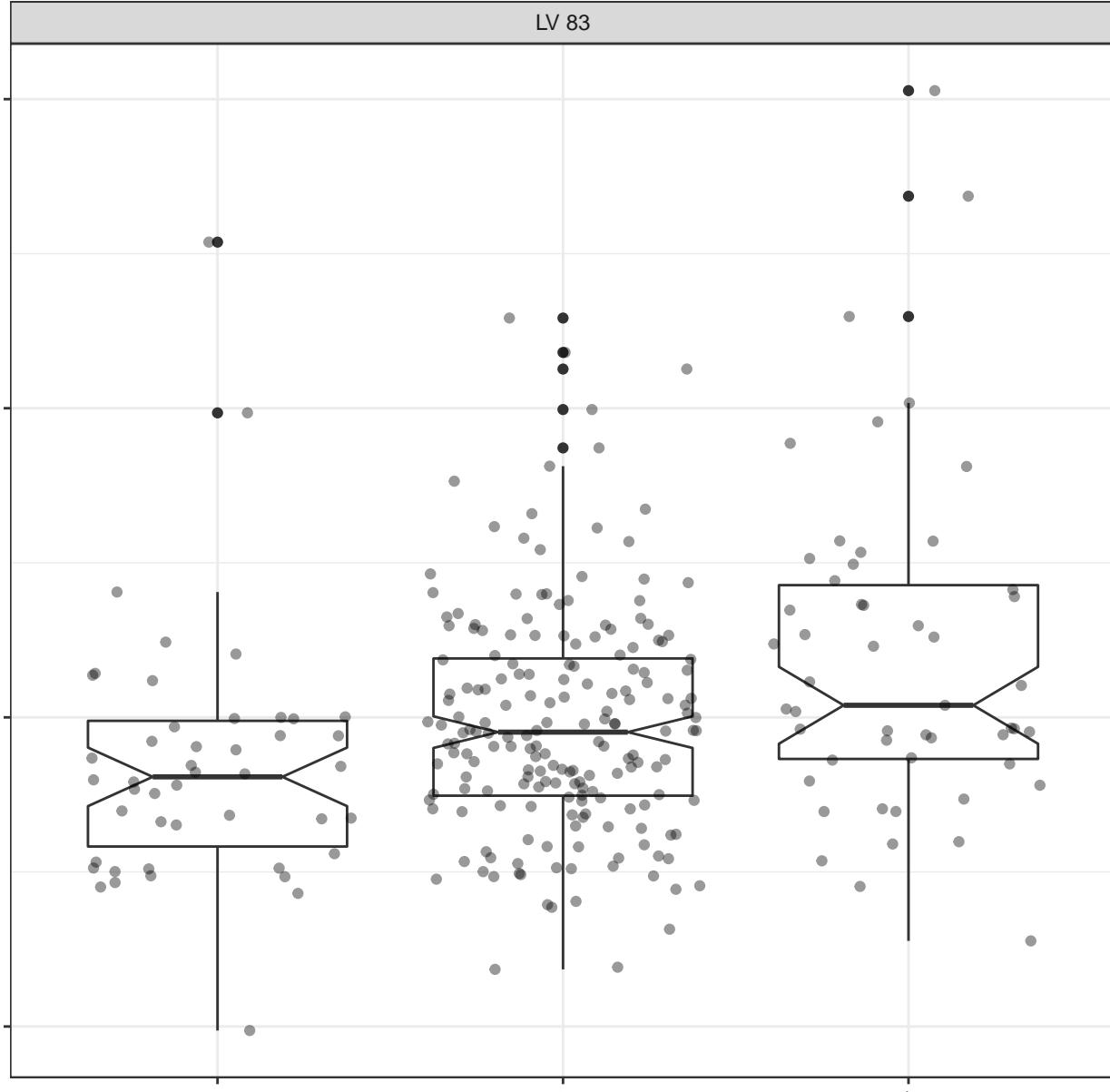
0.2
0.1
0.0
-0.1

Group 3

Group 4

SHH

subgroup



84,KEGG_SPLICEOSOME

Value

0.10

0.05

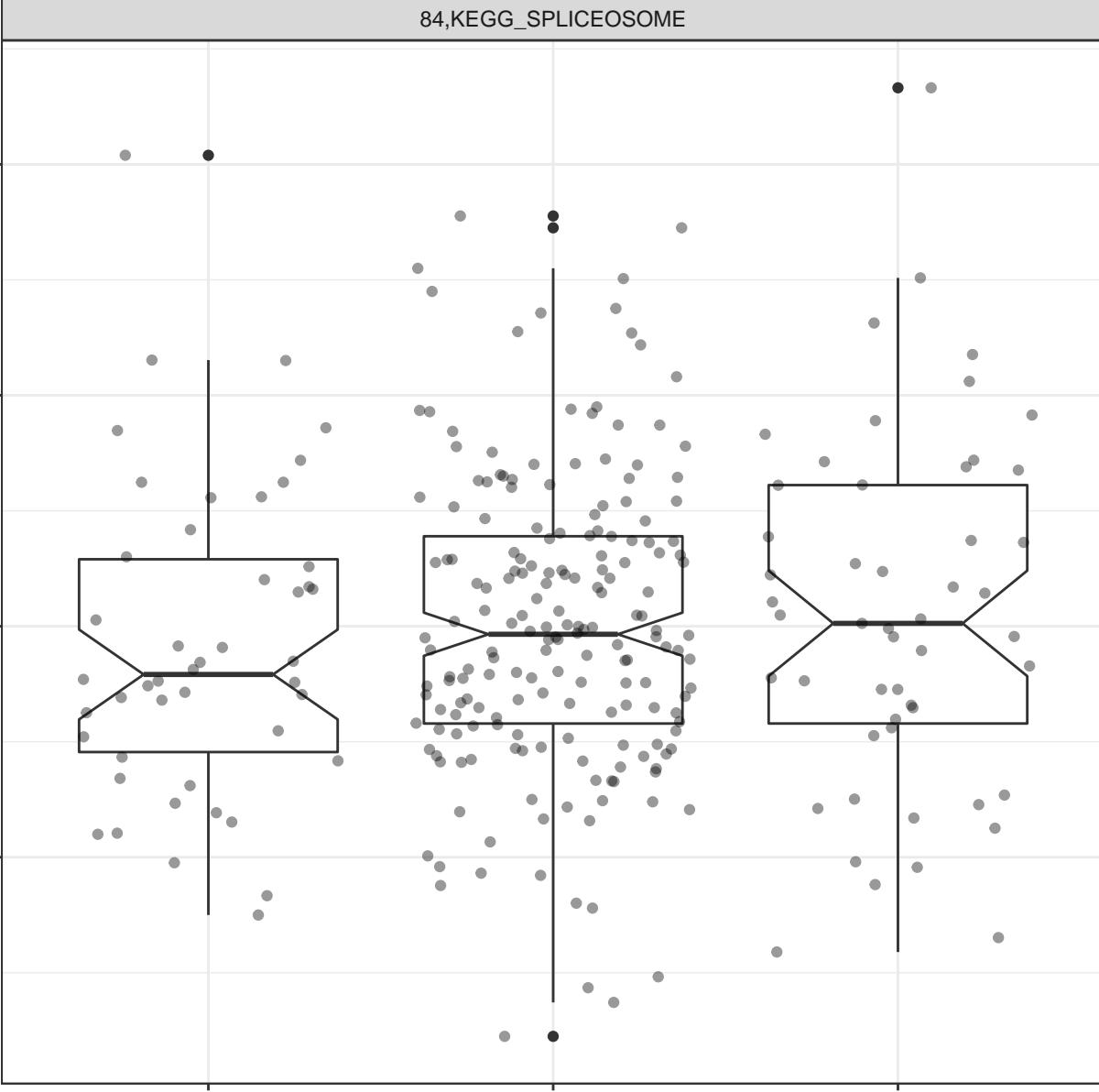
0.00

-0.05

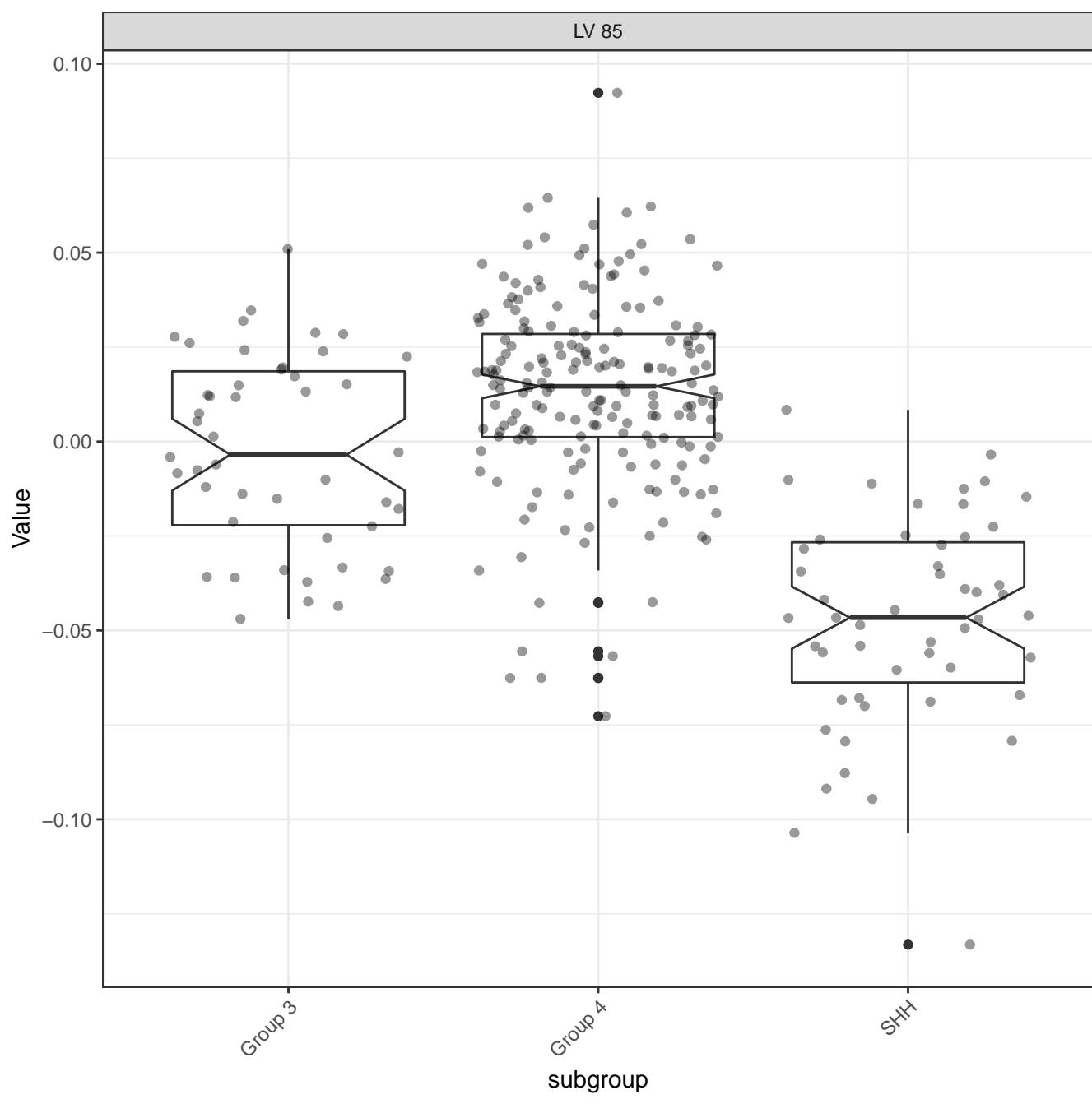
Group 3

subgroup

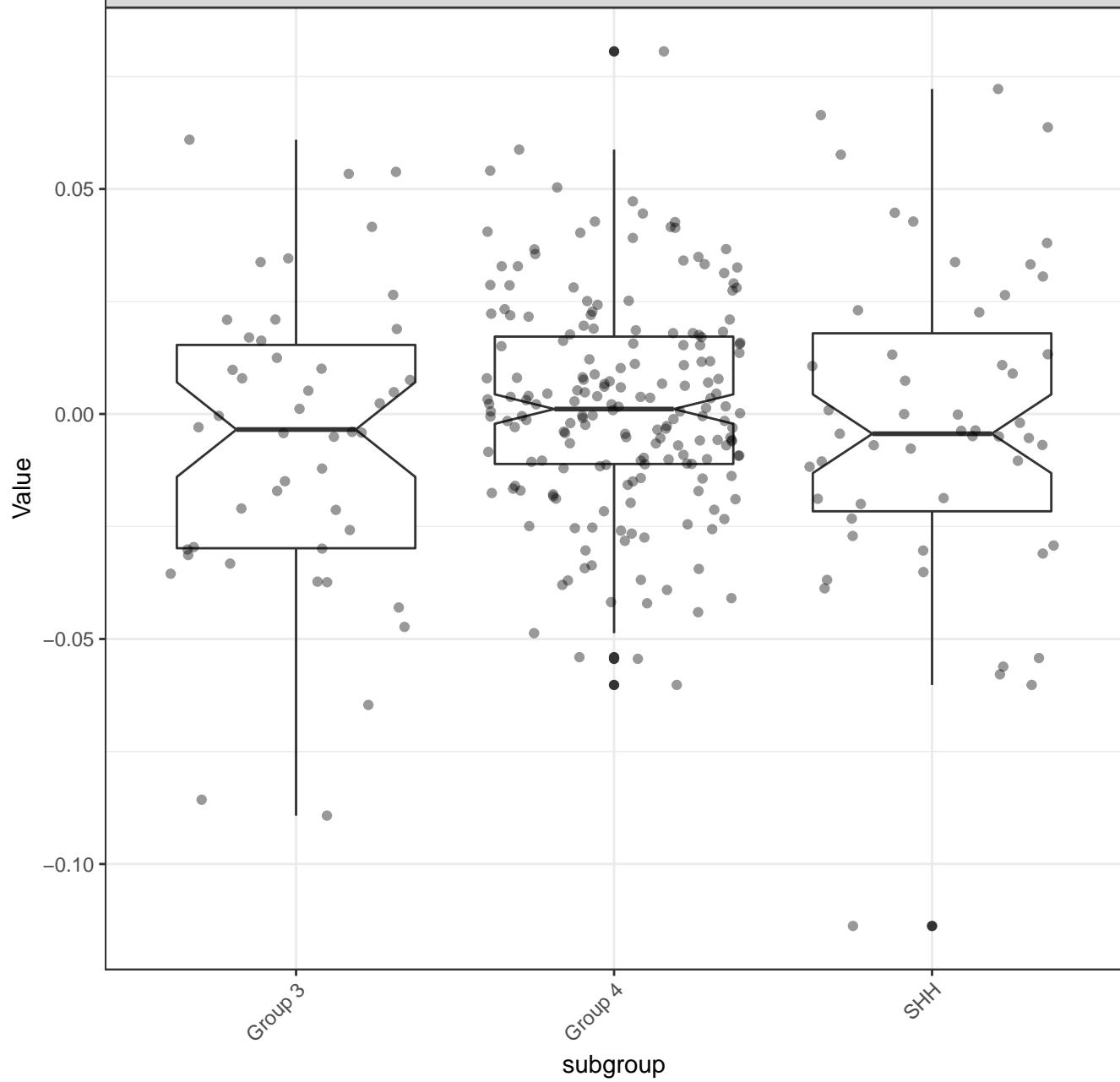
SHH



LV 85

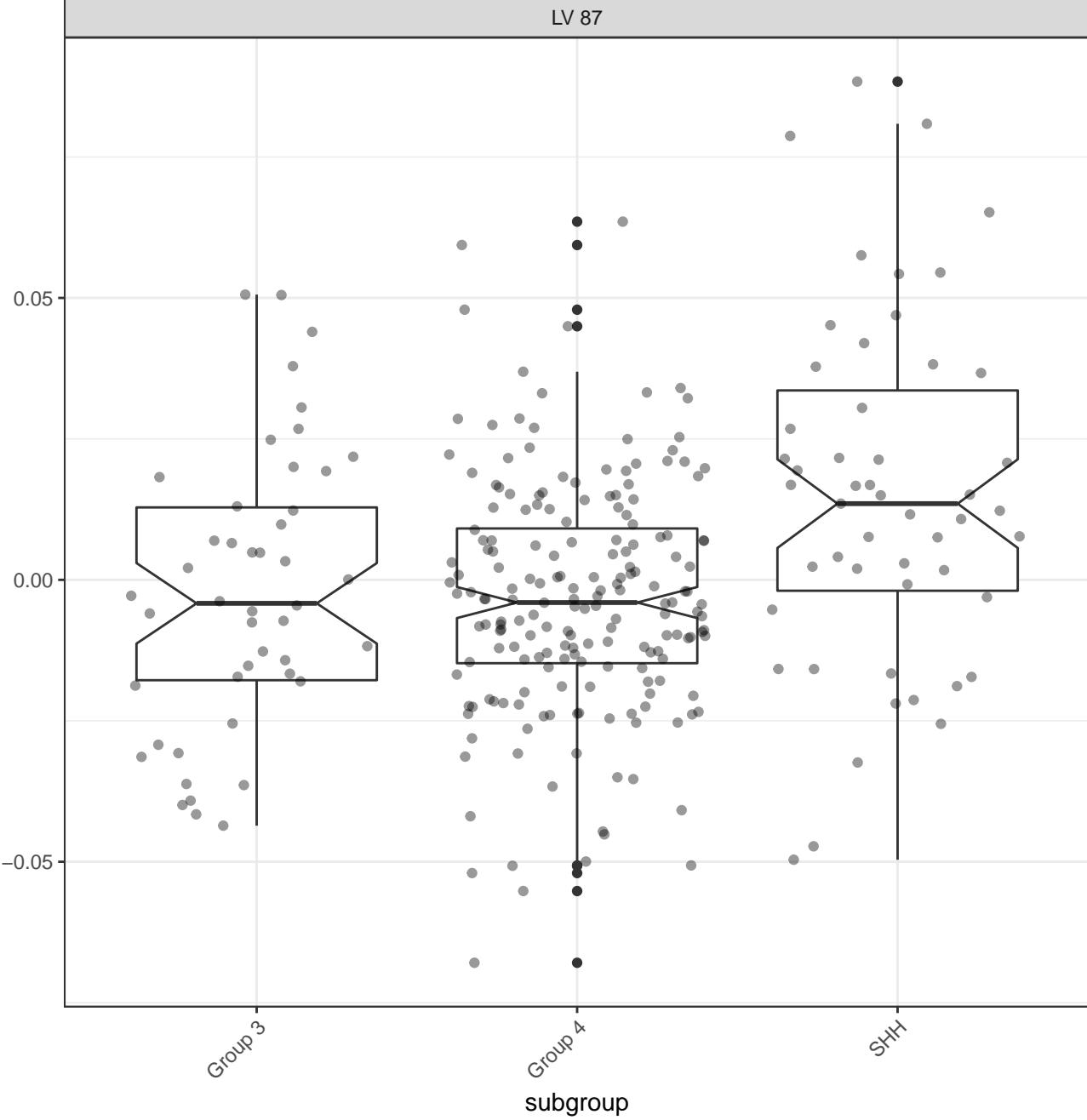


LV 86

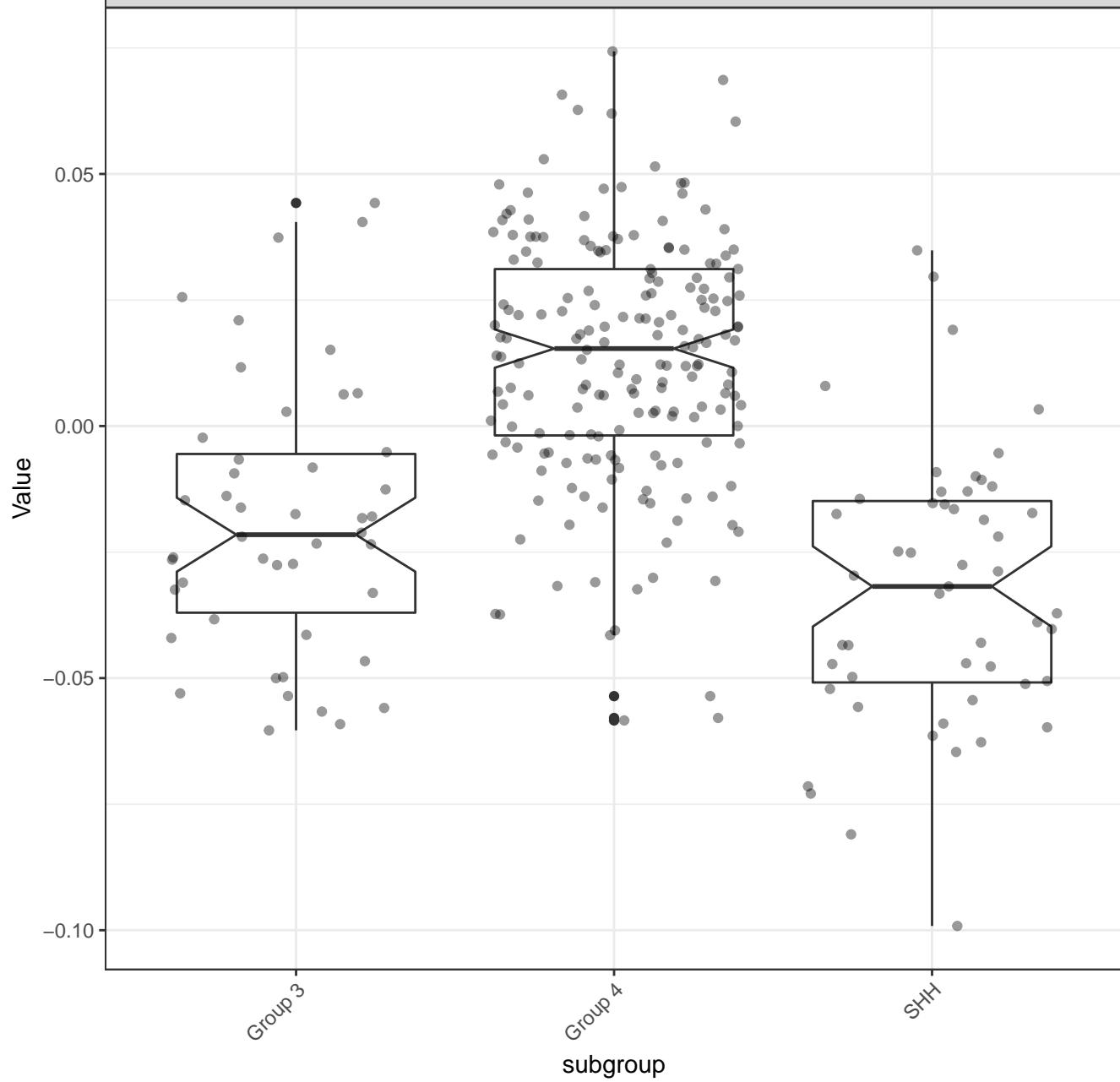


LV 87

Value



LV 88



LV 89

Value

0.05

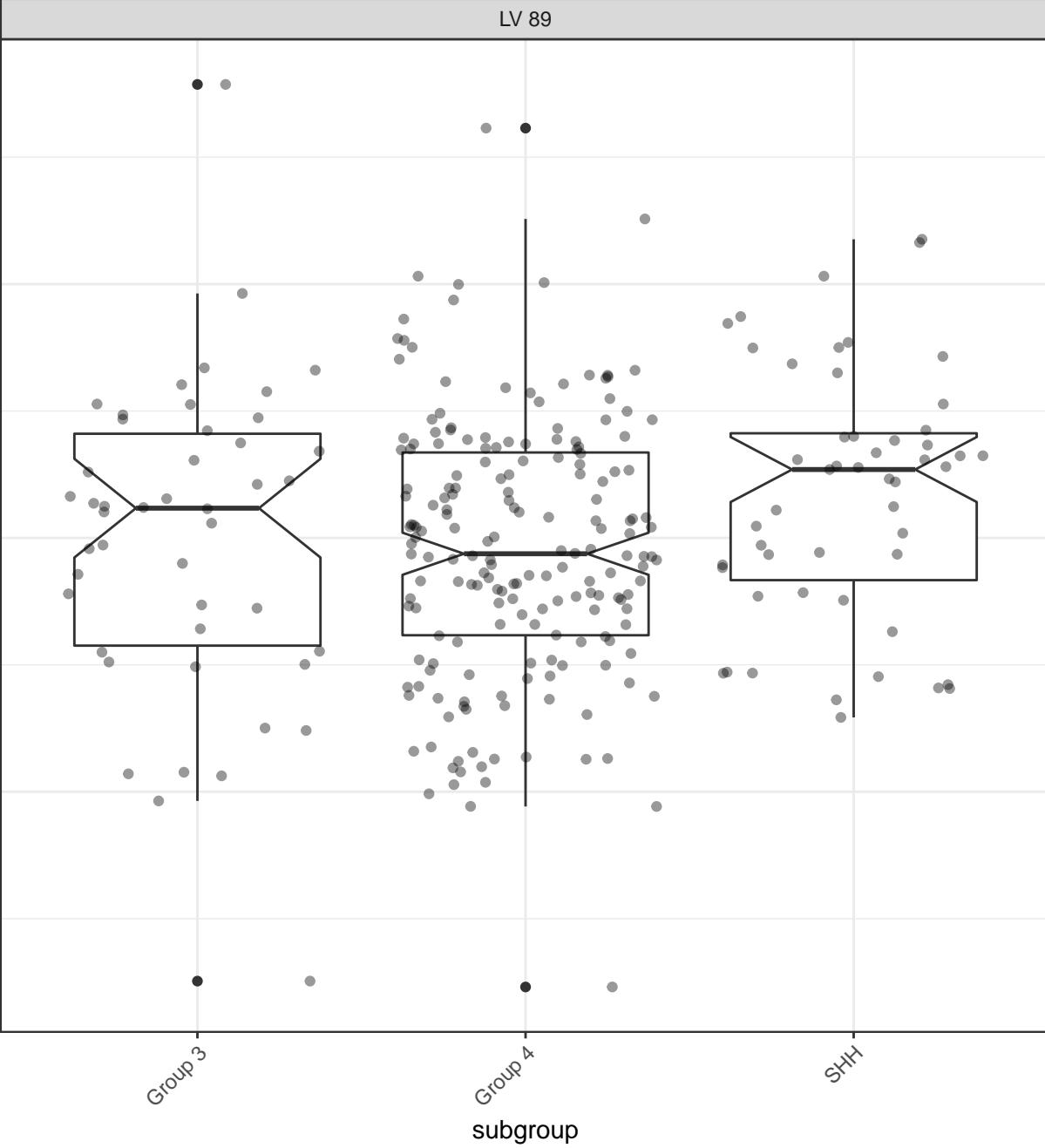
0.00

-0.05

Group₃

subgroup

SHH



LV 90

Value

0.10

0.05

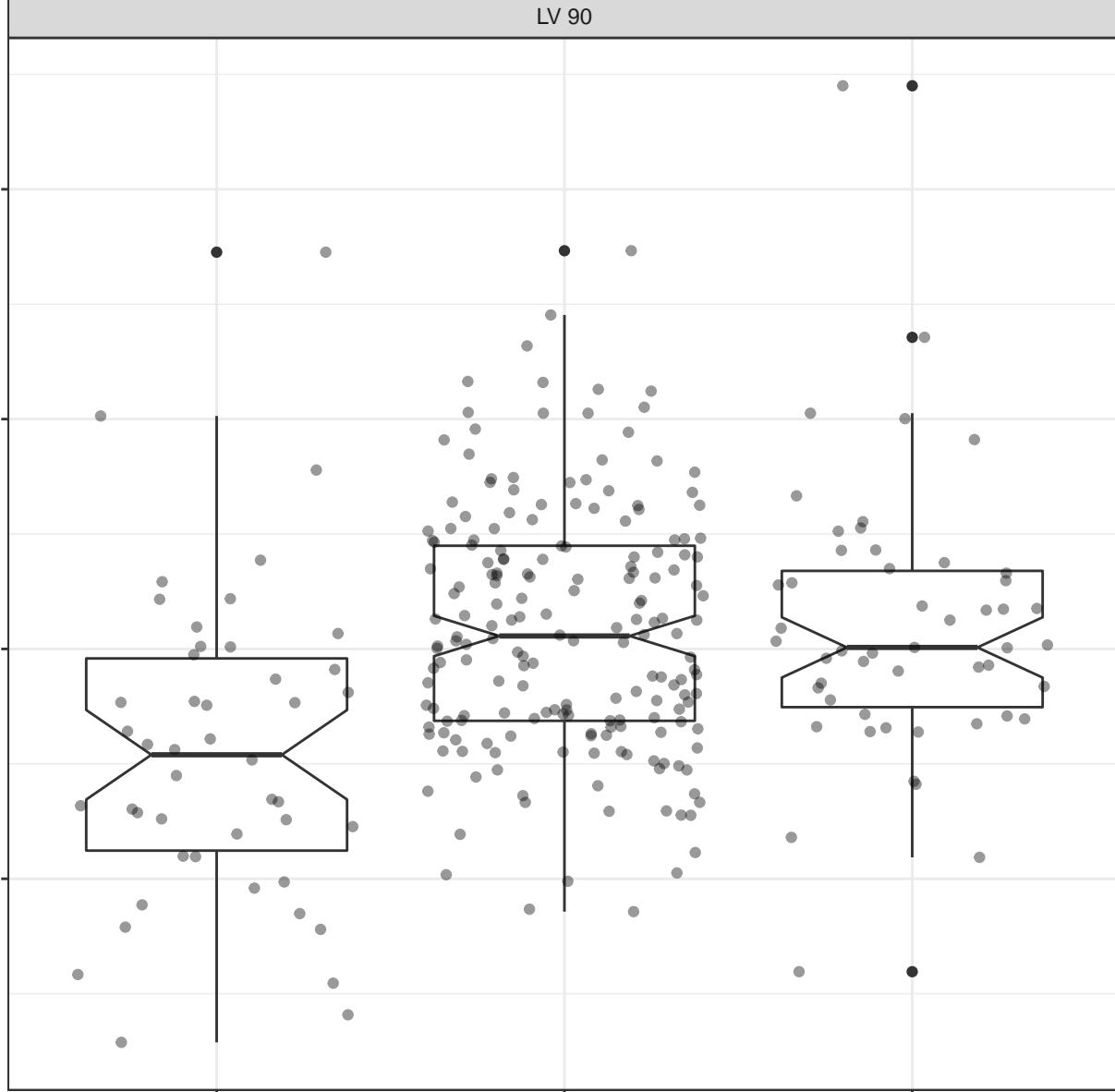
0.00

-0.05

Group 3

subgroup

SHH



91,KEGG_LYSOSOME

Value

0.1

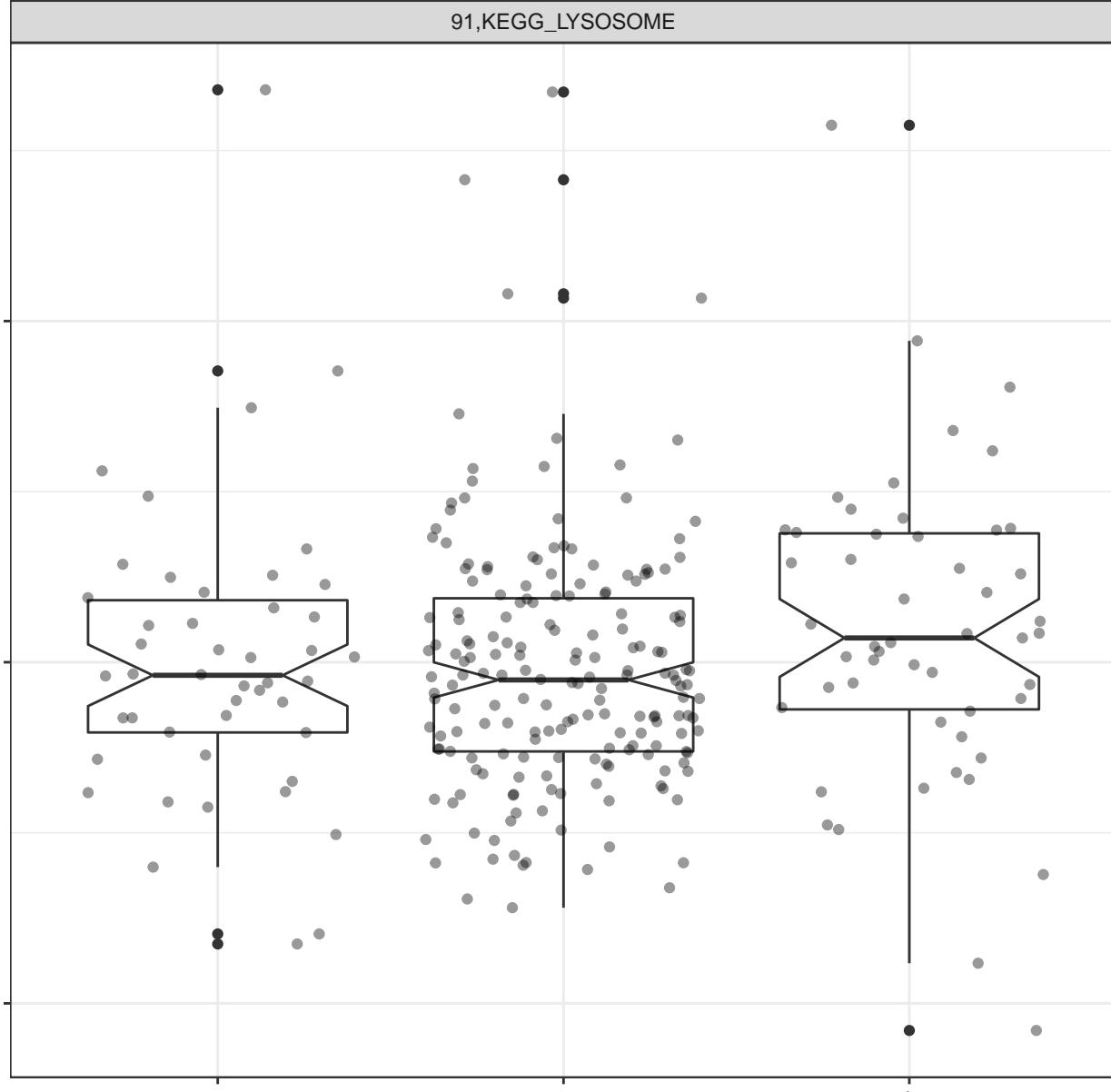
0.0

-0.1

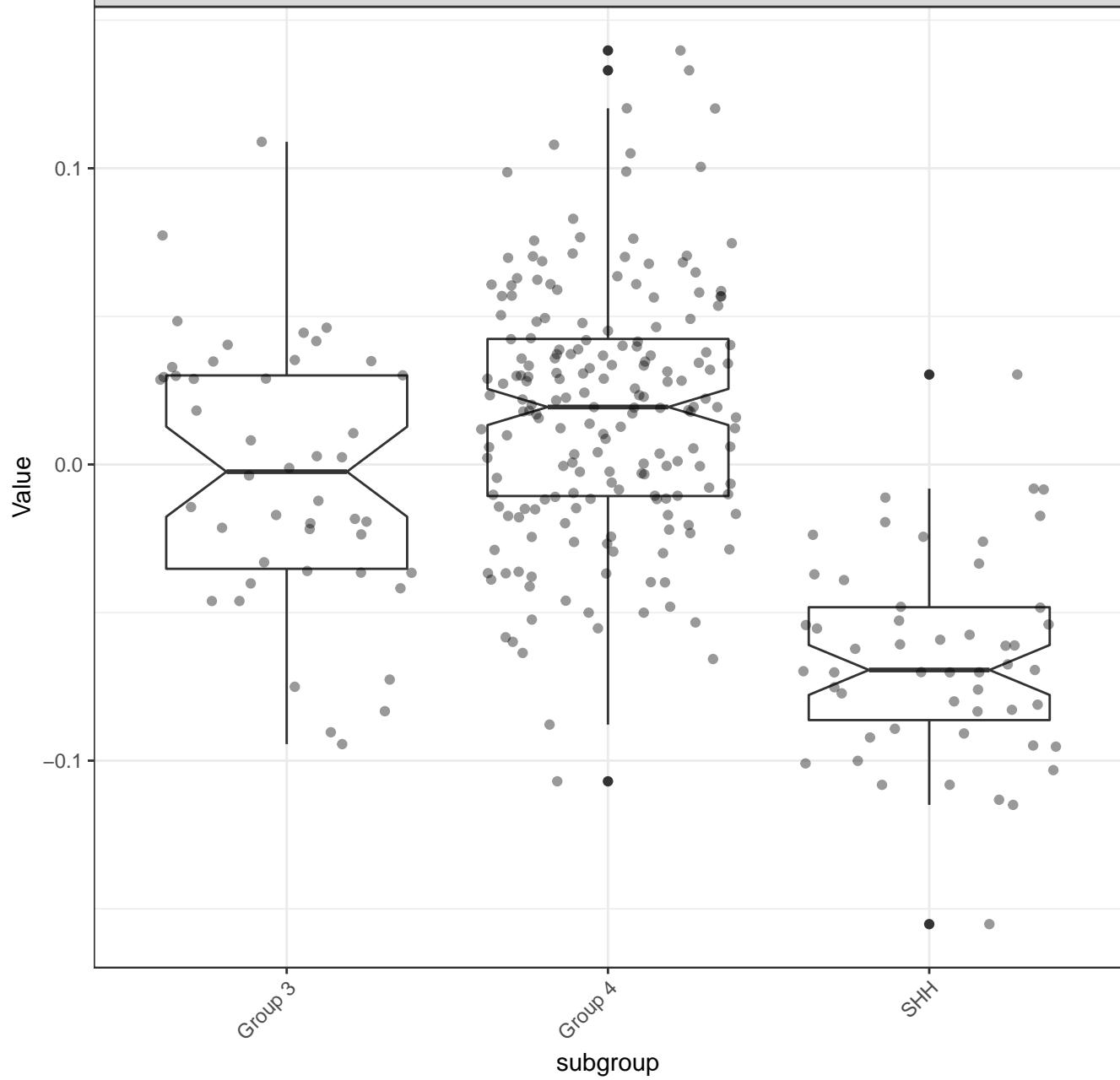
Group³Group⁴

SHH

subgroup



92,REACTOME_CHROMOSOME_MAINTENANCE



LV 93

Value

0.05

0.00

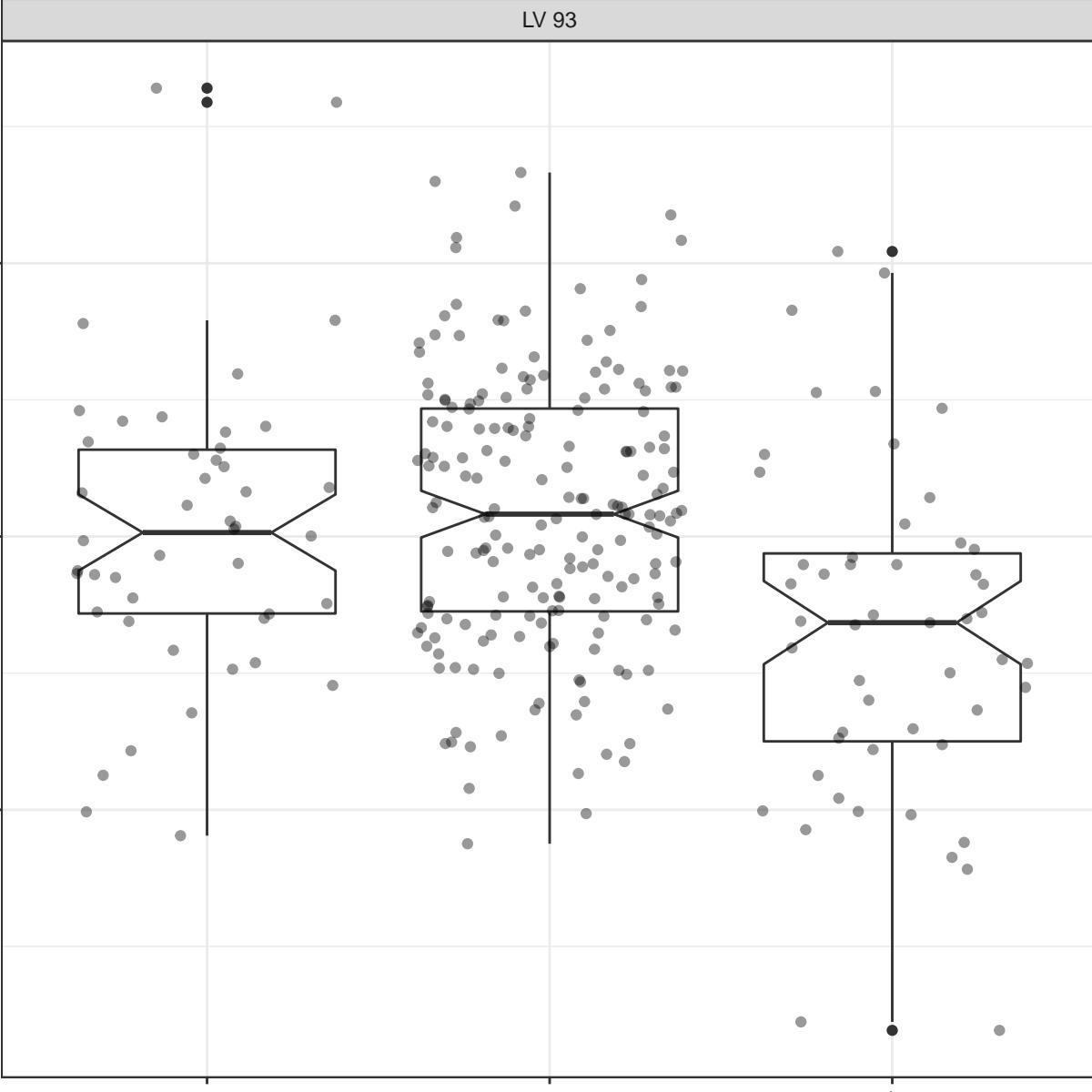
-0.05

Group₃

subgroup

Group₄

SHH



LV 94

Value

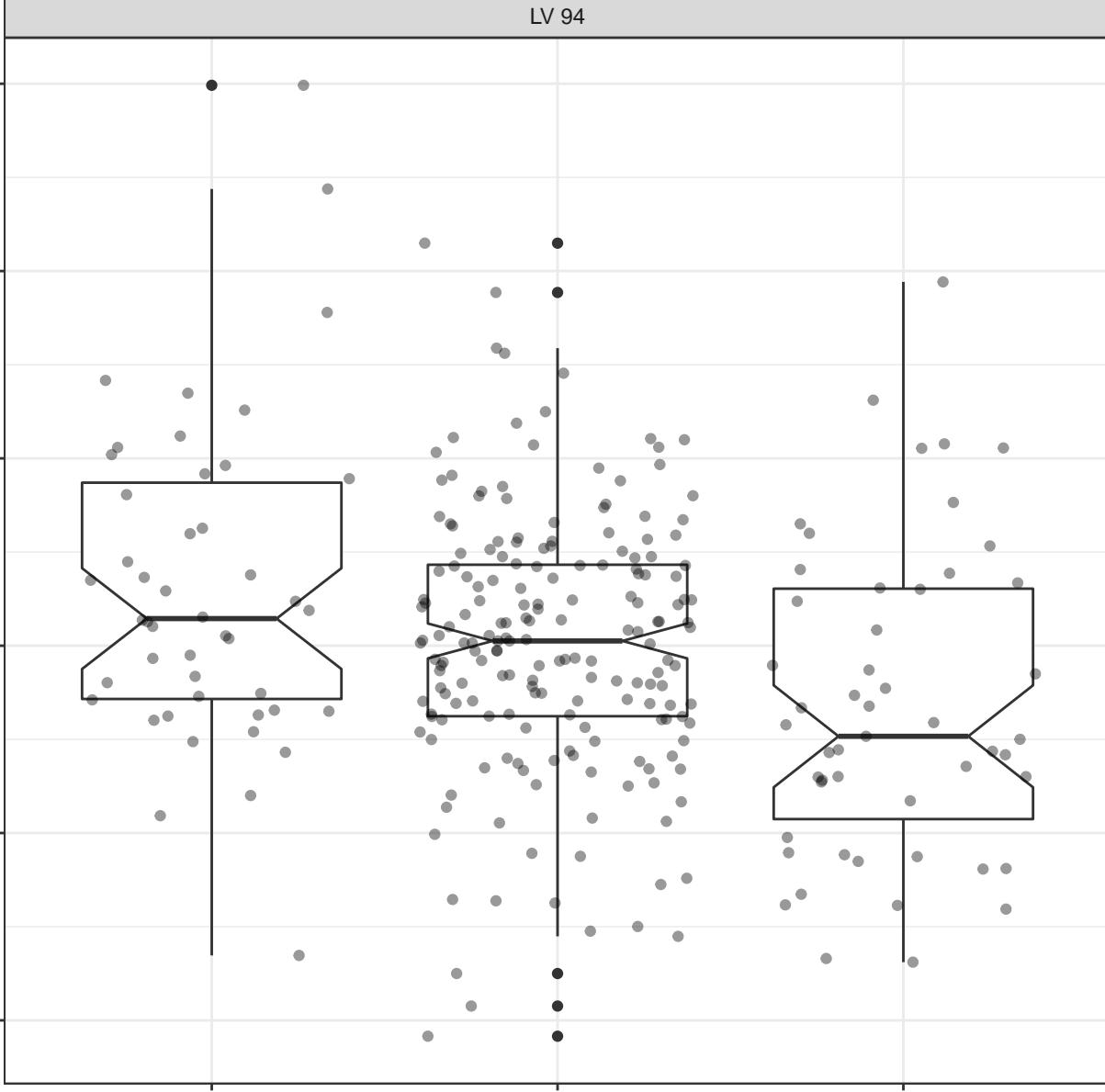
0.15
0.10
0.05
0.00
-0.05
-0.10

Group 3

Group 4

SHH

subgroup



LV 95

Vvalue

0.10

0.05

0.00

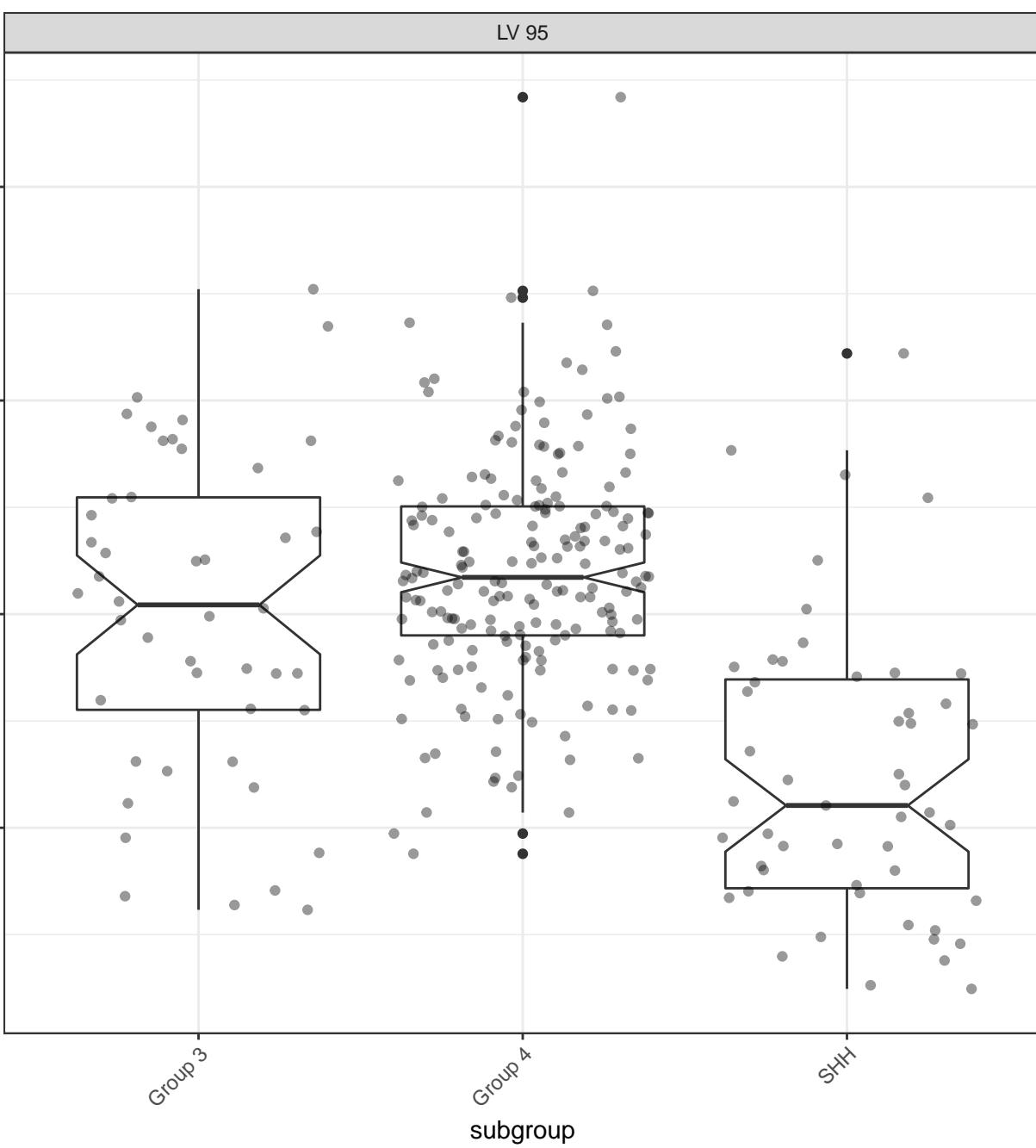
-0.05

Group 3

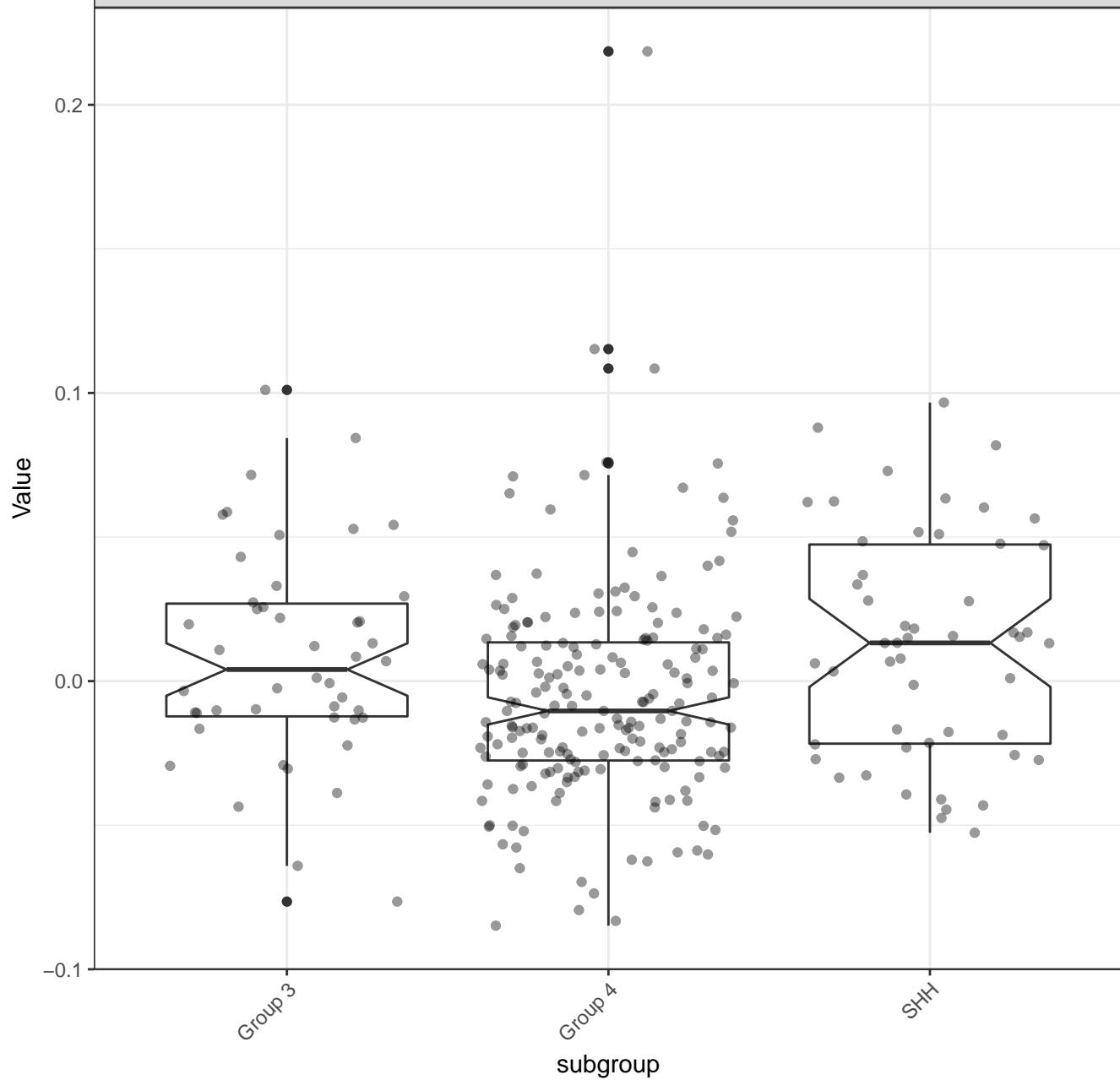
Group 4

SHH

subgroup

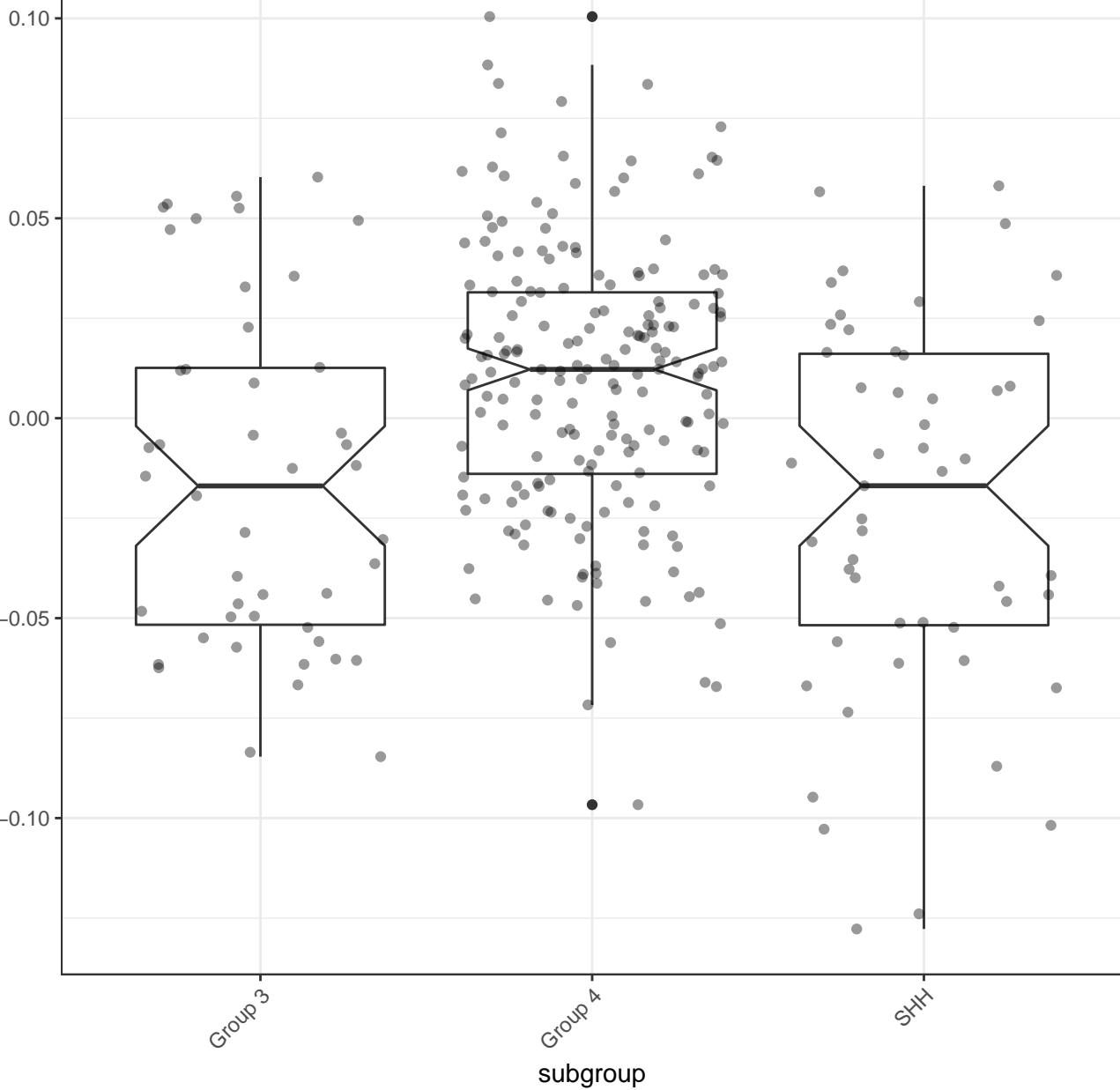


96,SVM NK cells activated



97,KEGG_ARACHIDONIC_ACID_METABOLISM

Value



LV 98

Value

0.05

0.00

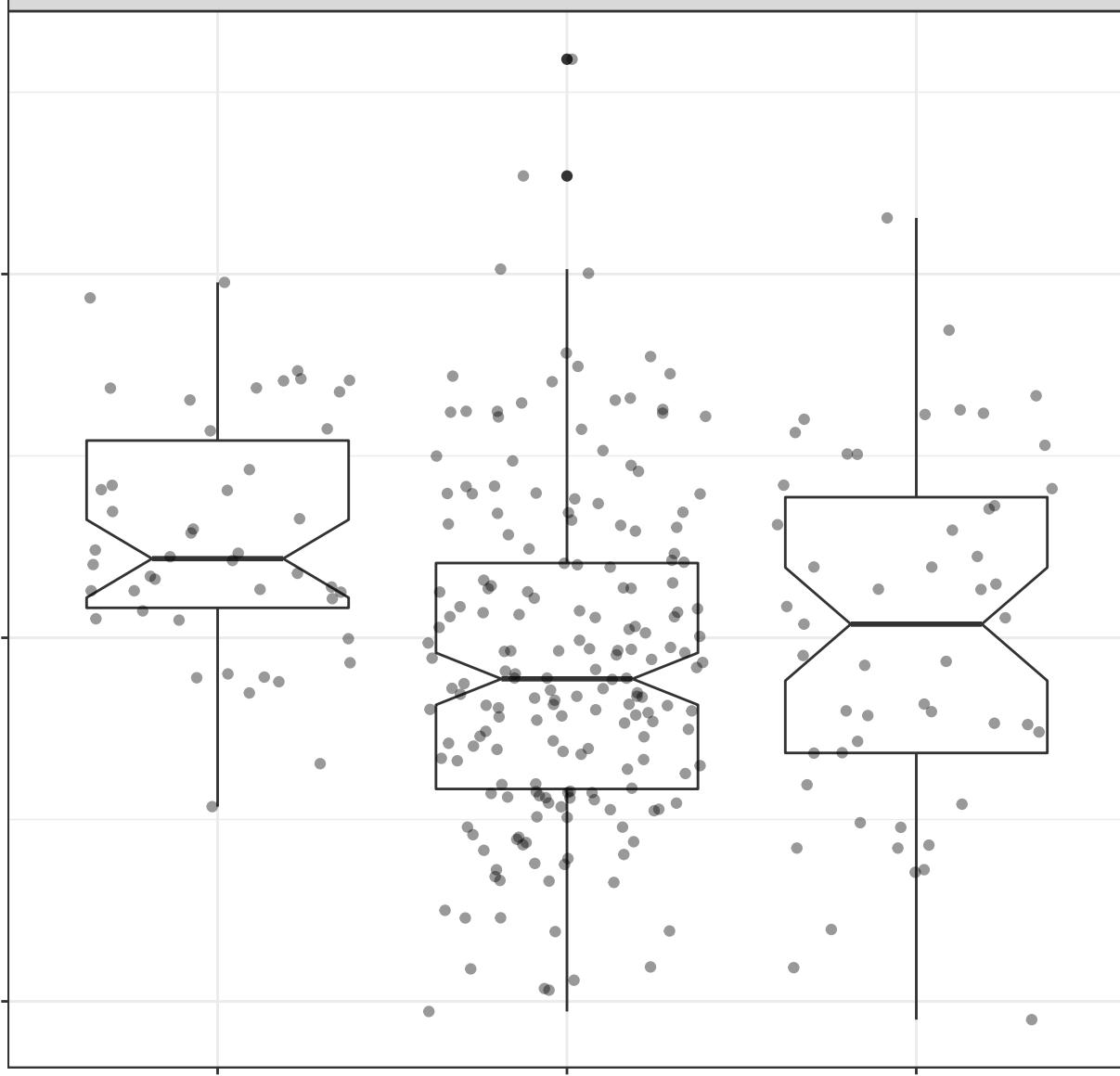
-0.05

Group 3

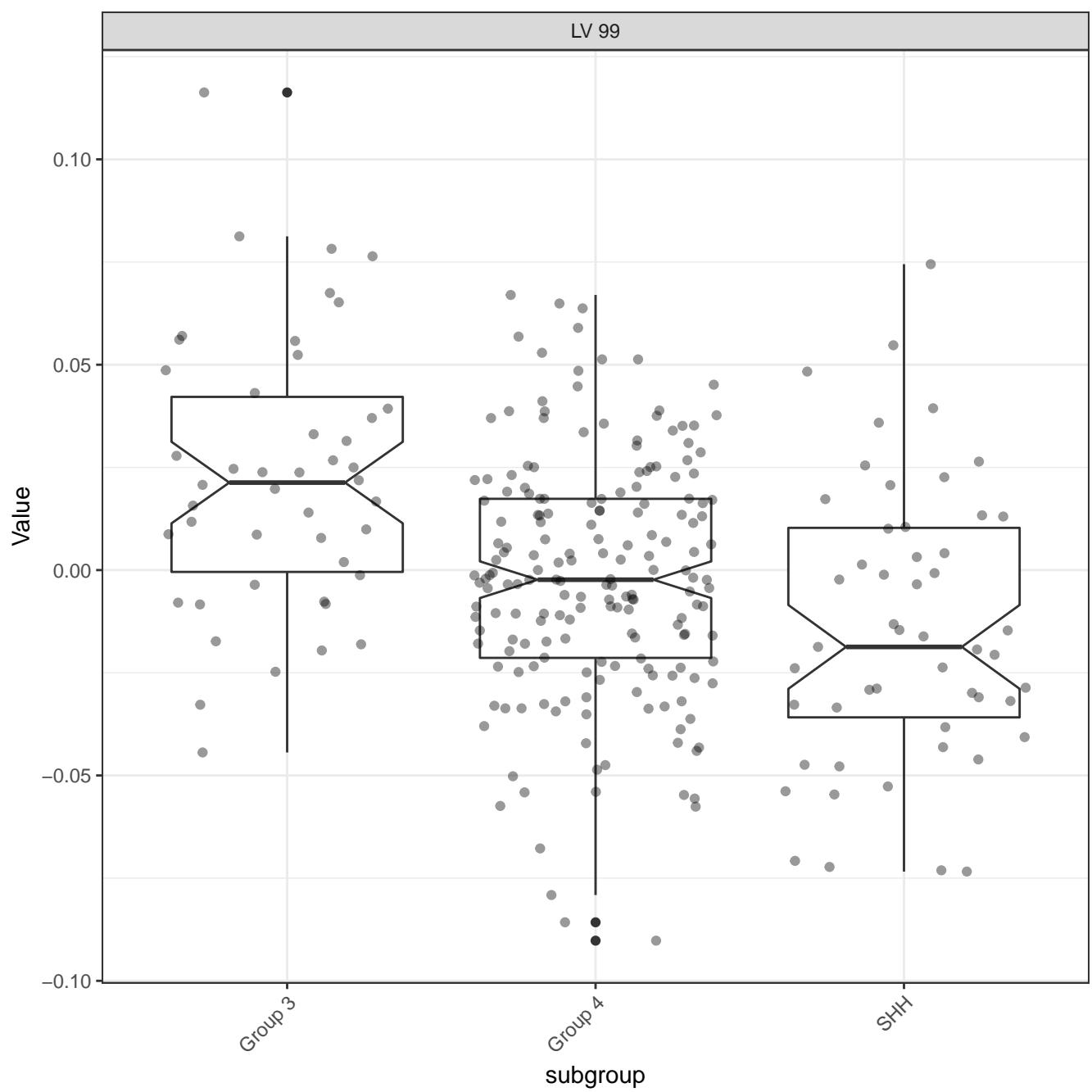
Group 4

SHH

subgroup



LV 99



LV 100

Value

0.10

0.05

0.00

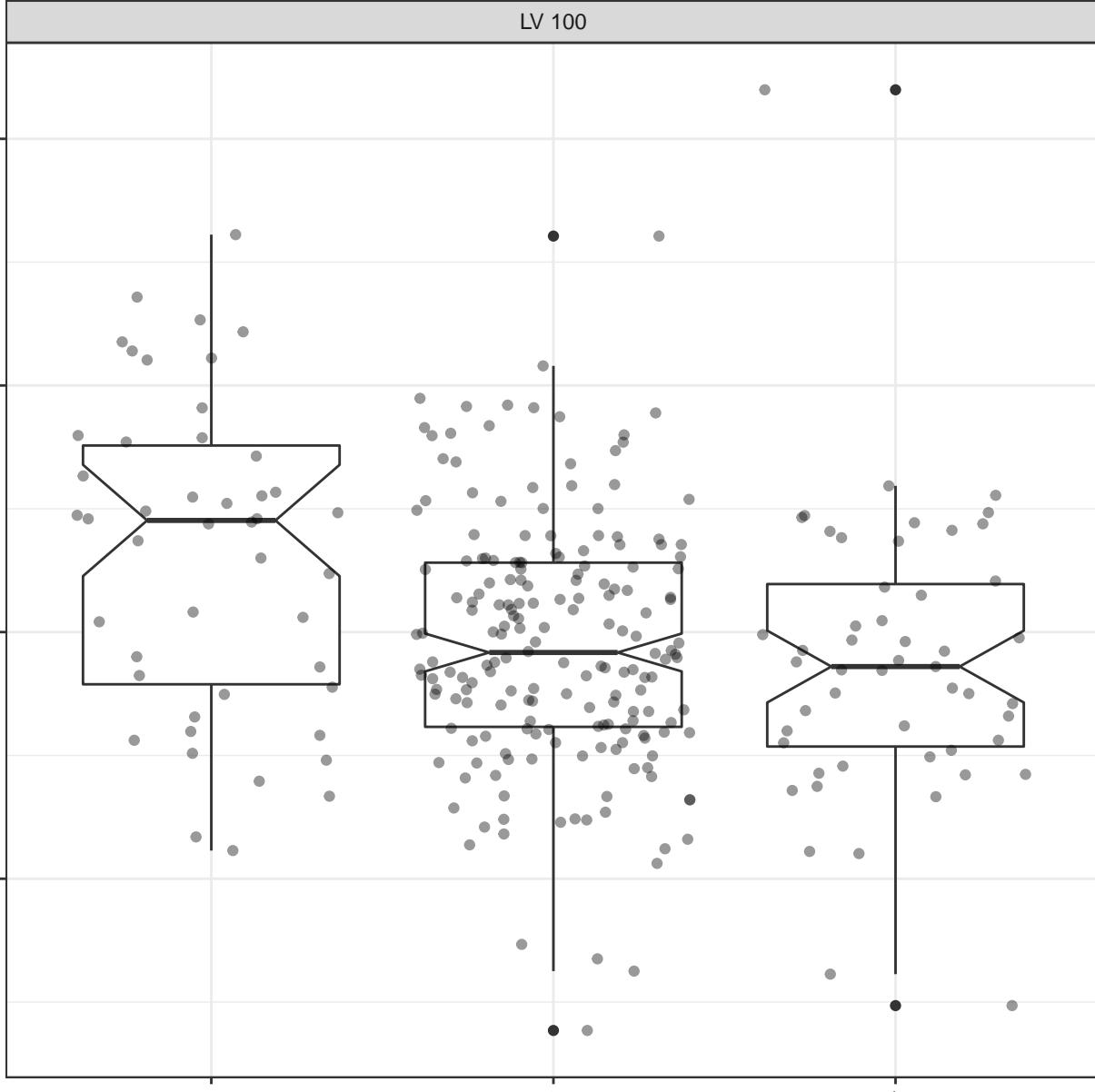
-0.05

Group 3

subgroup

Group 4

SHH



101,DMAP_NKA3

Value

0.2

0.1

0.0

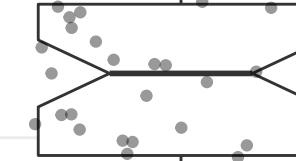
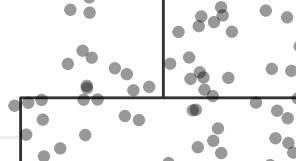
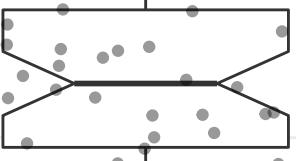
-0.1

Group 3

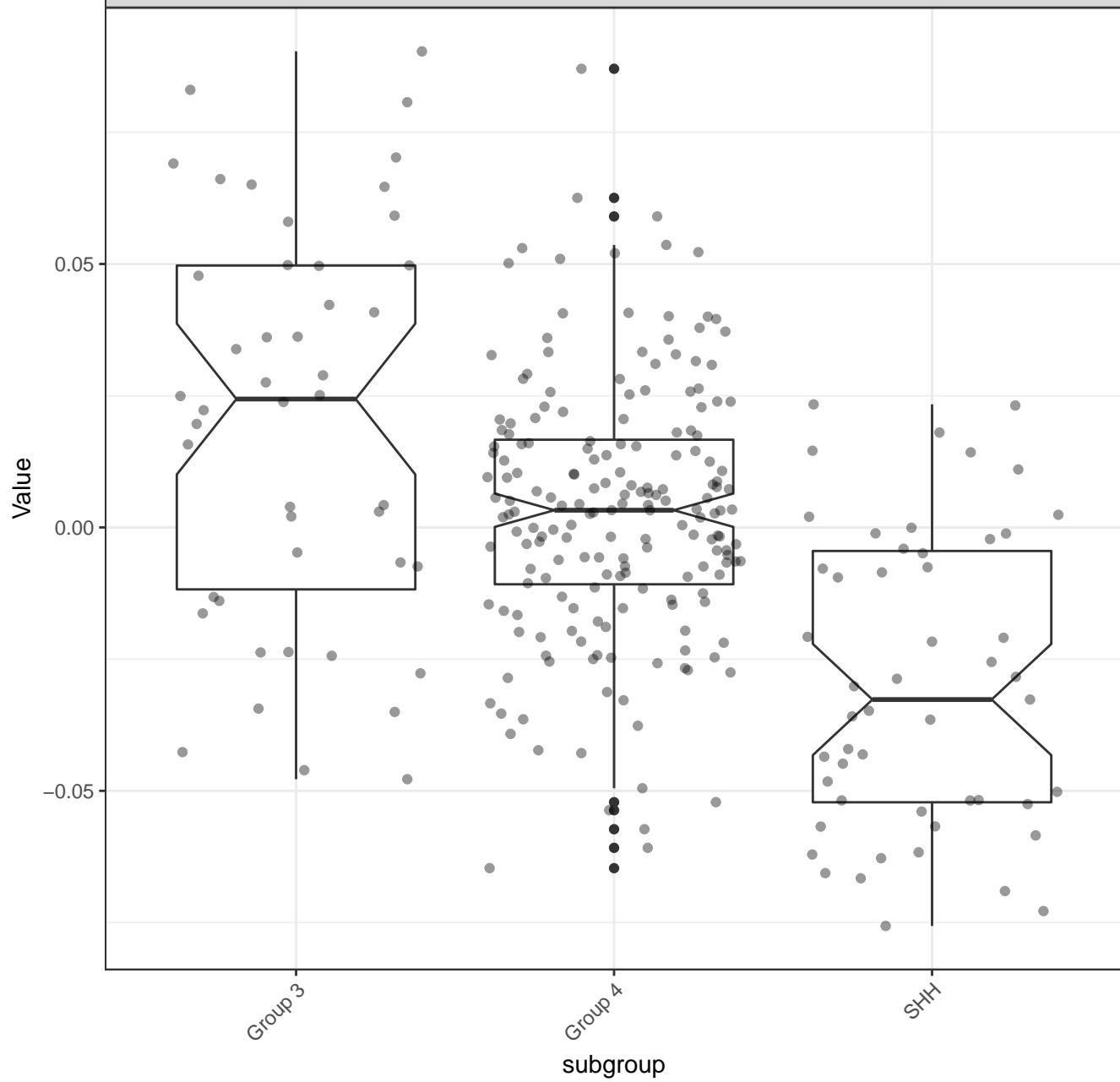
subgroup

SHH

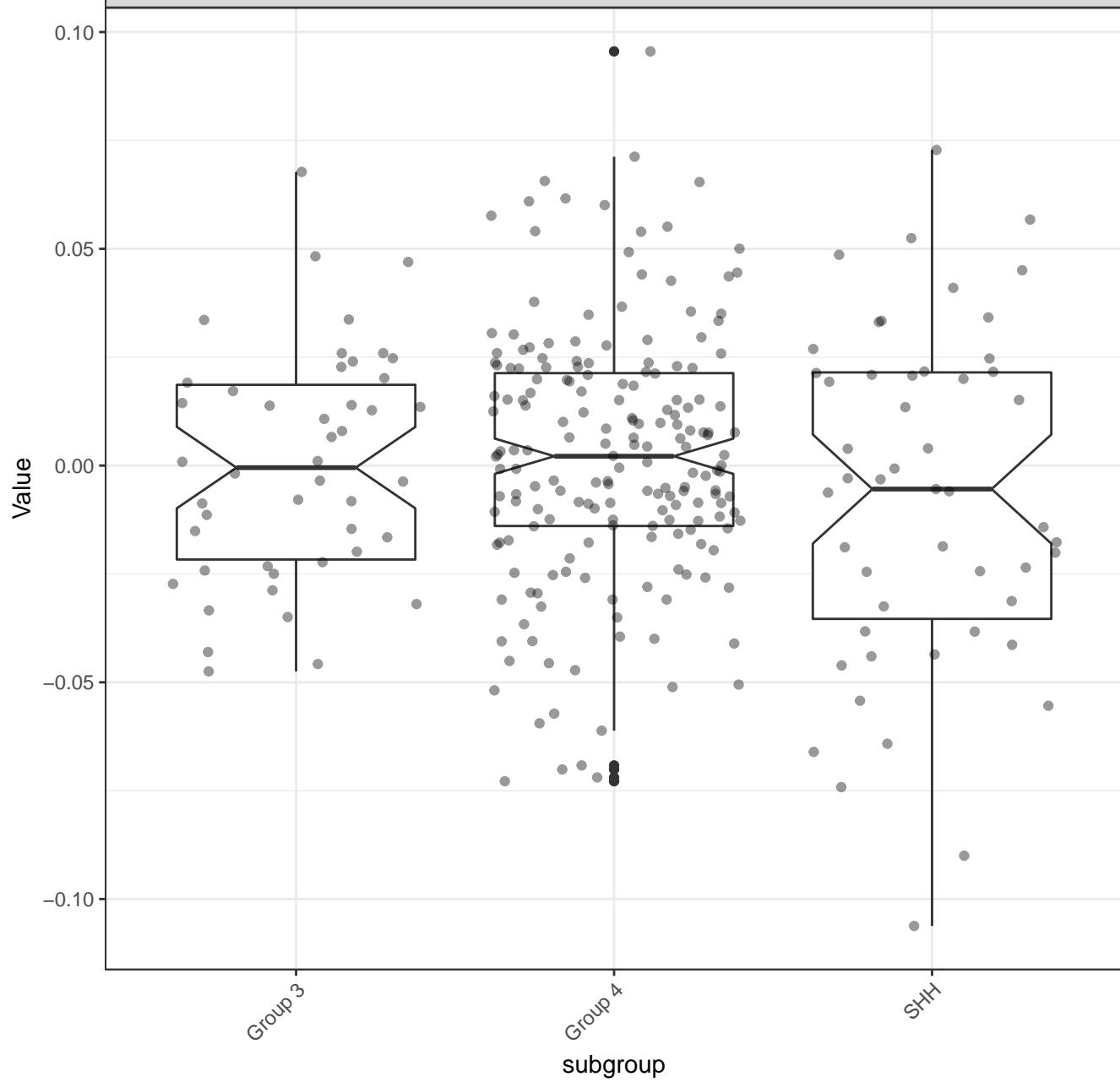
Group 4

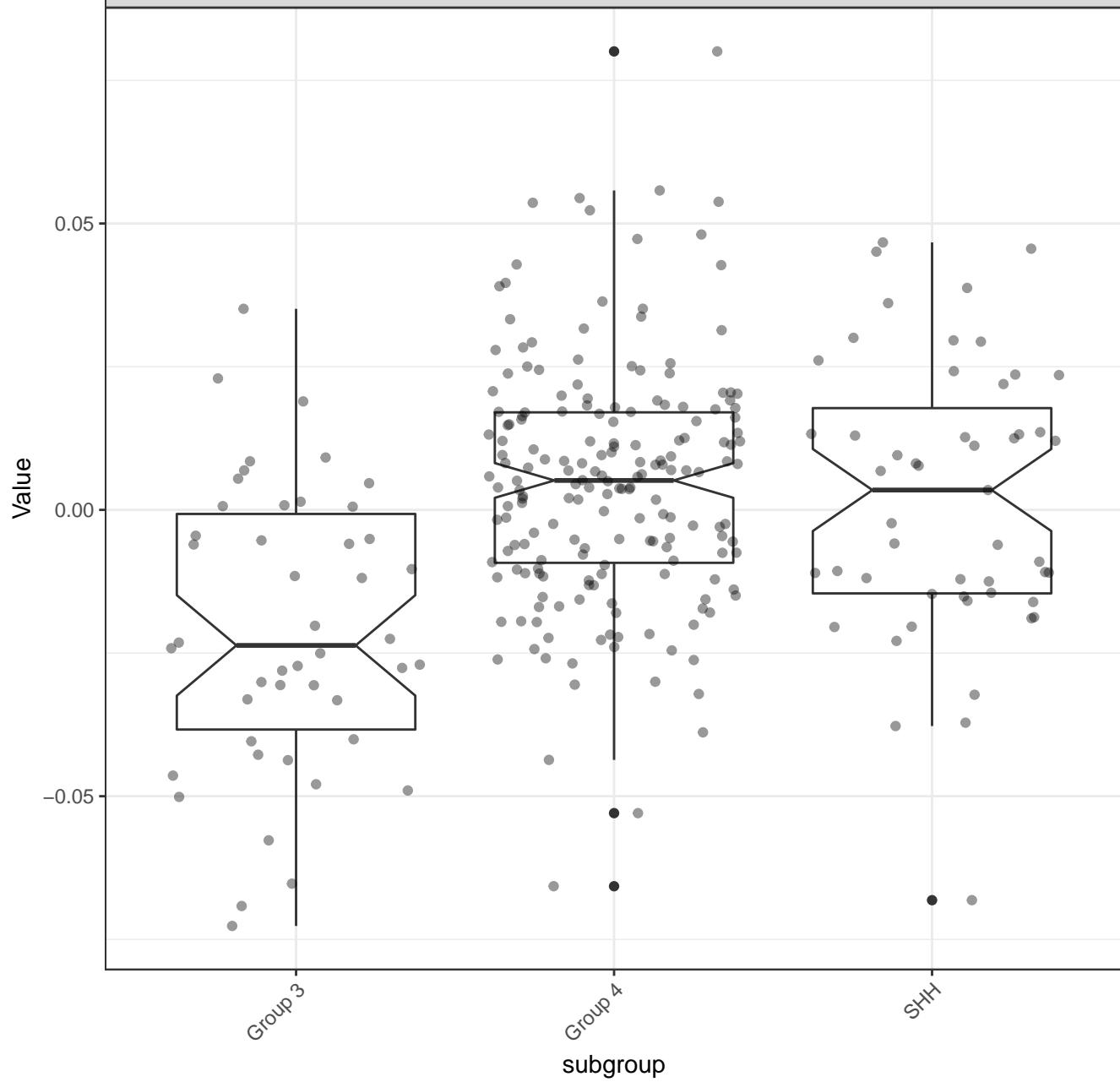


102,BIOCARTA_NFAT_PATHWAY

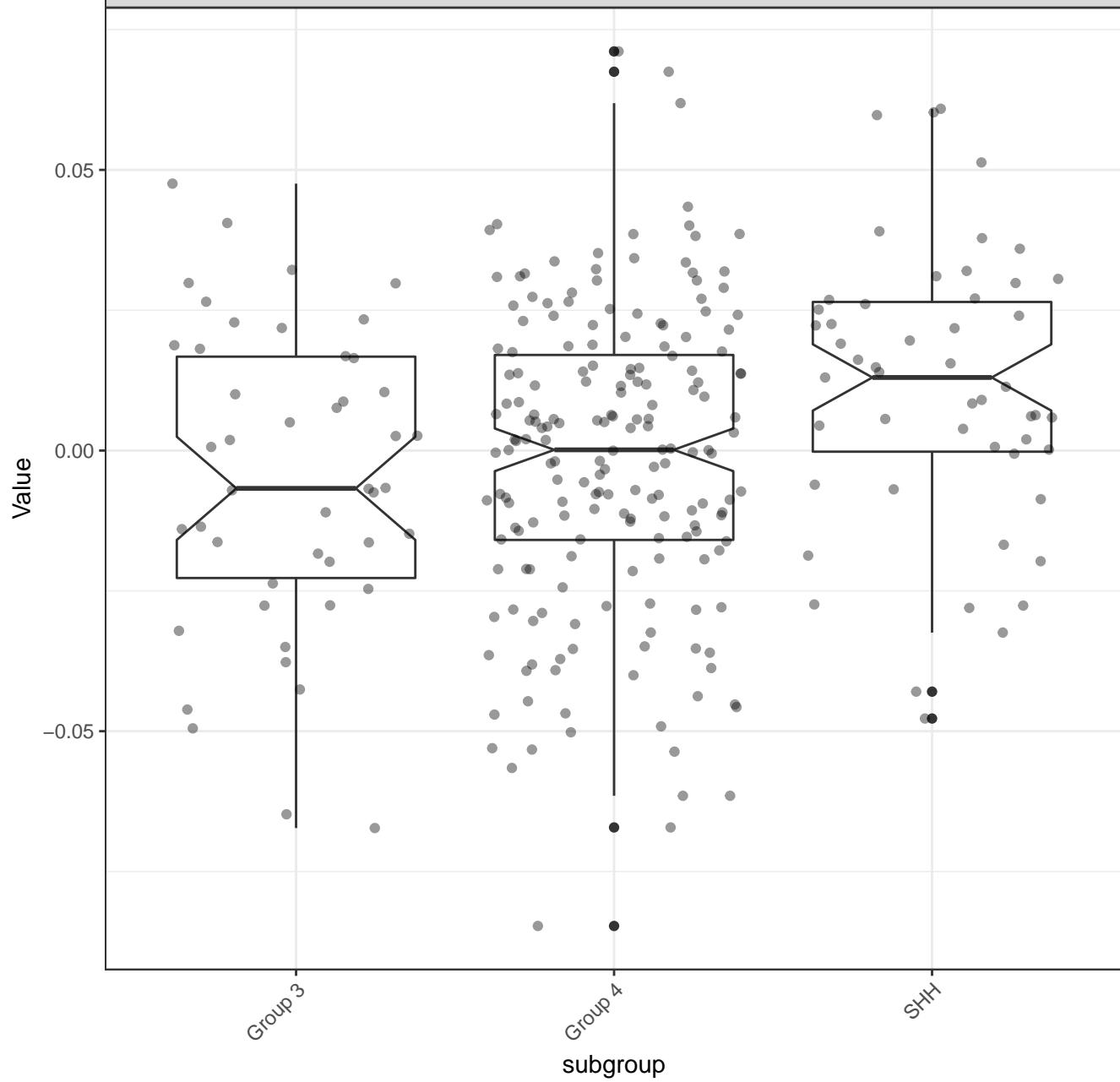


LV 103





LV 105



LV 106

Value

0.10

0.05

0.00

-0.05

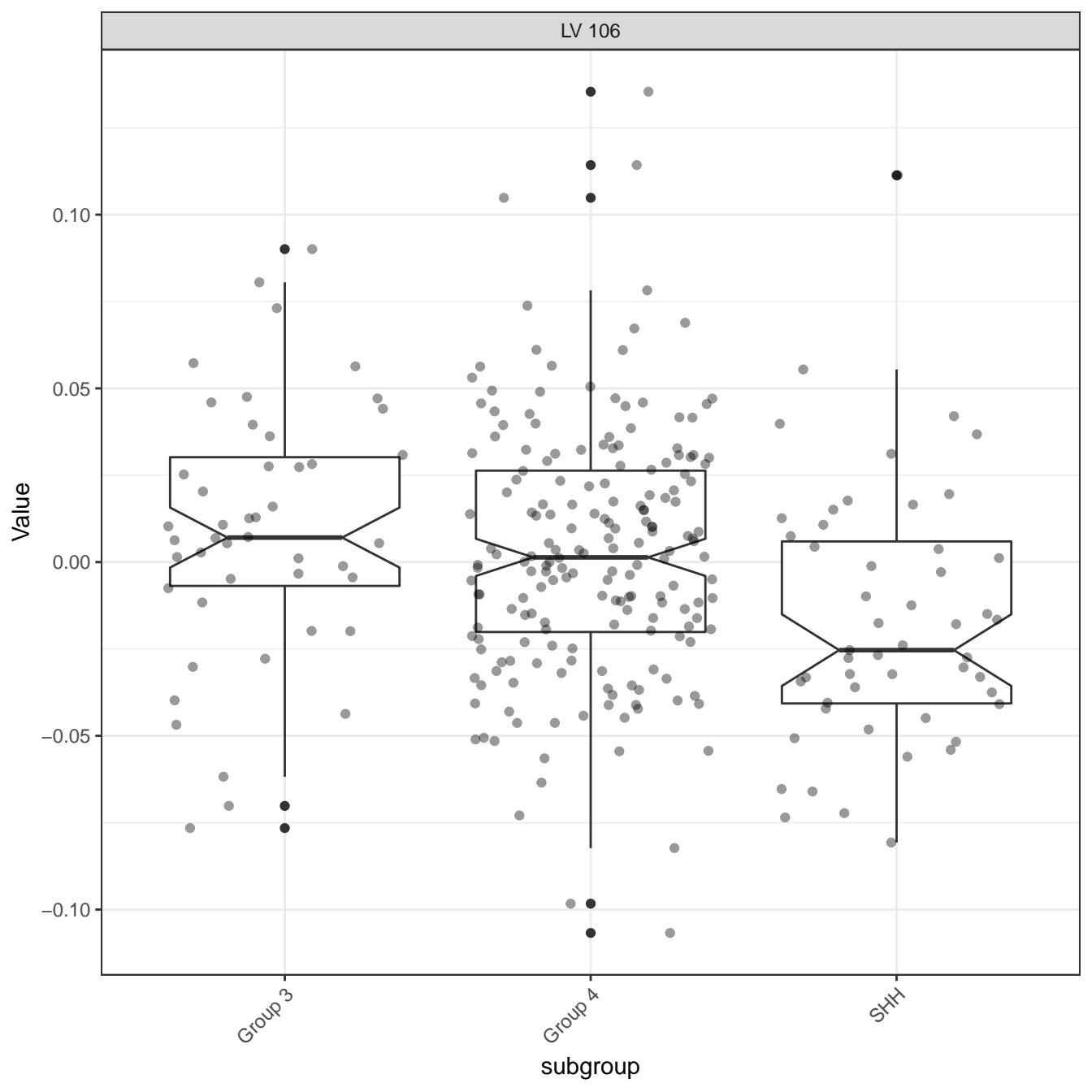
-0.10

Group 3

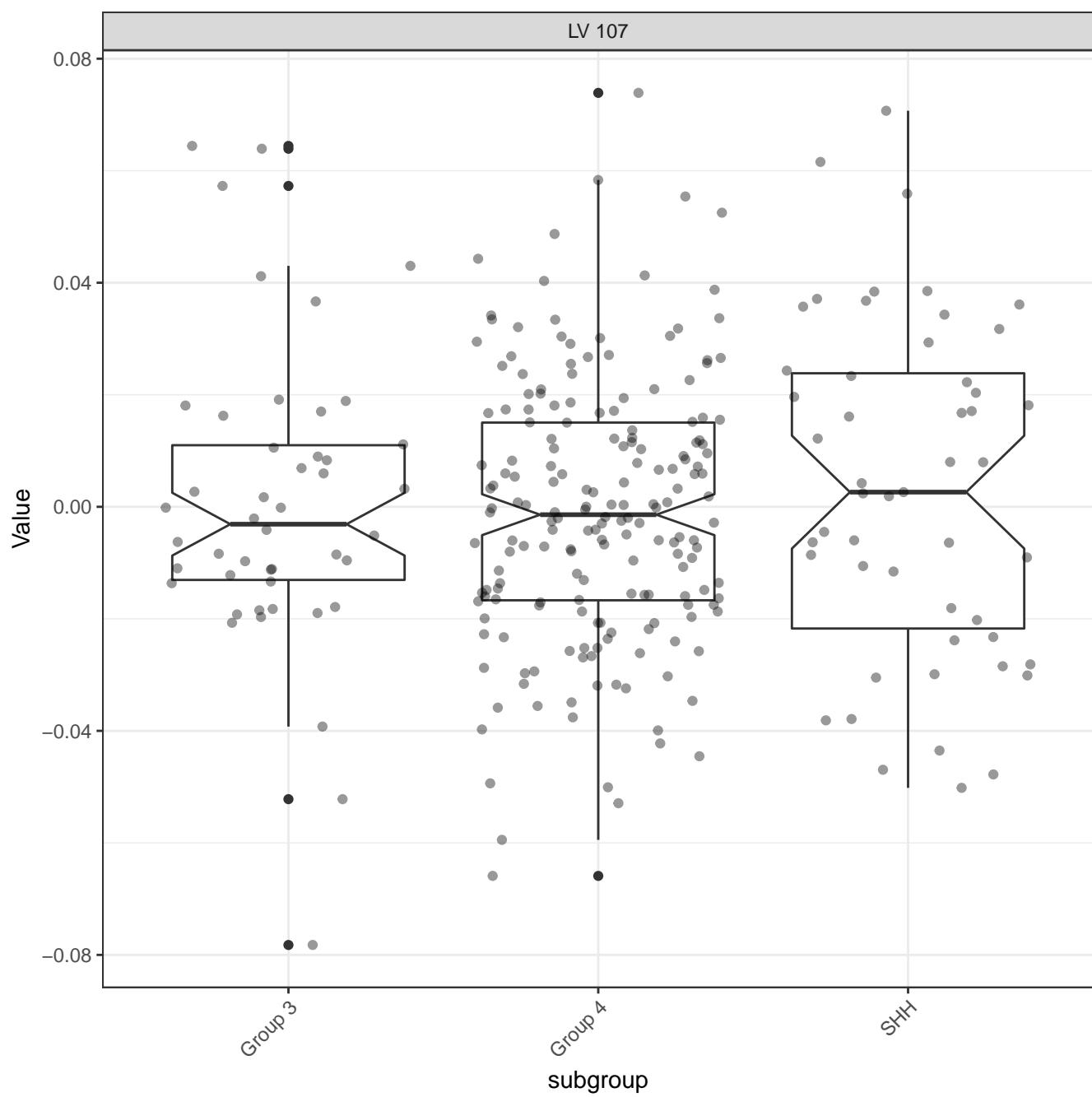
subgroup

SHH

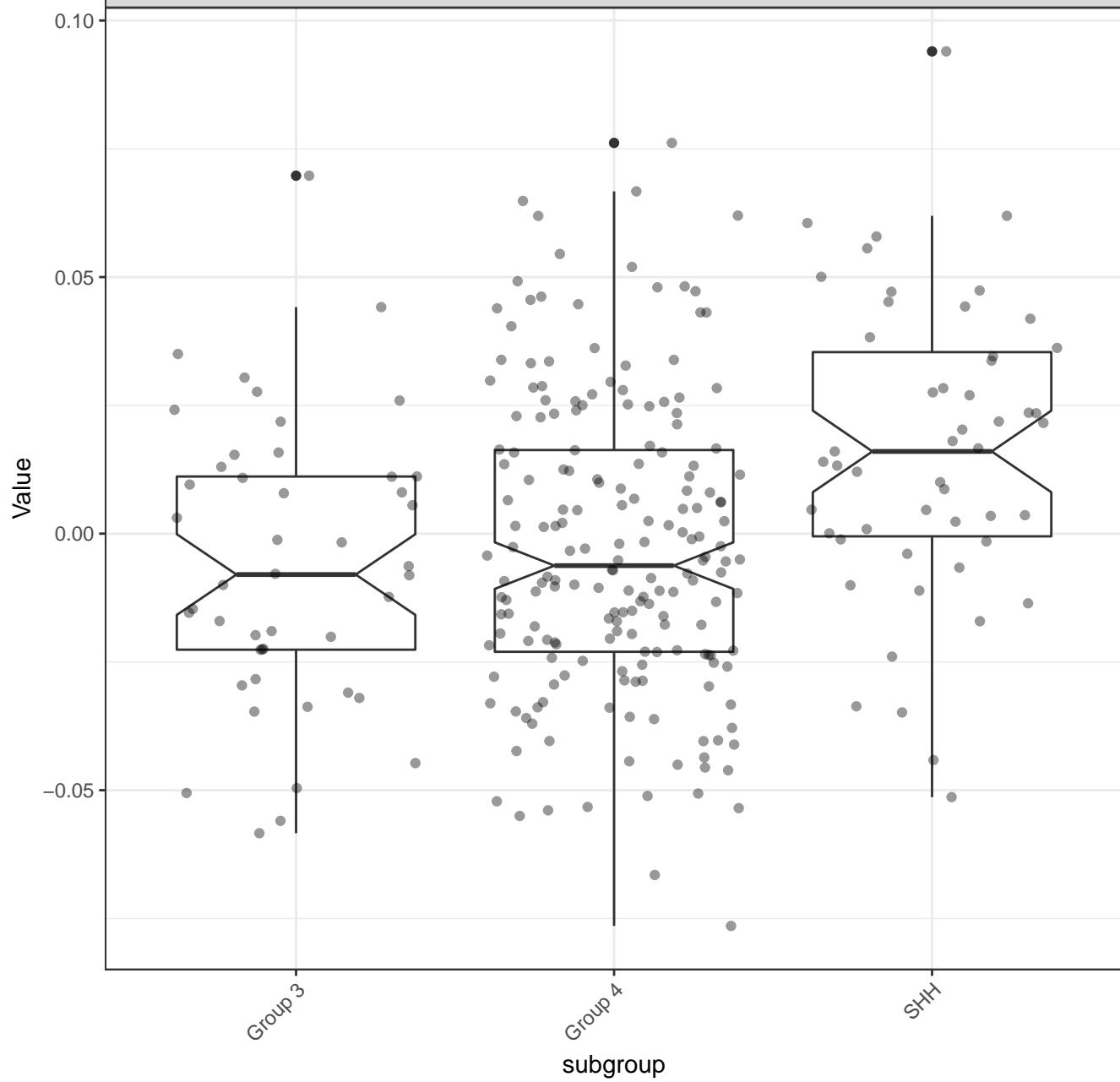
Group 4



LV 107



LV 108



LV 109

Value

0.05

0.00

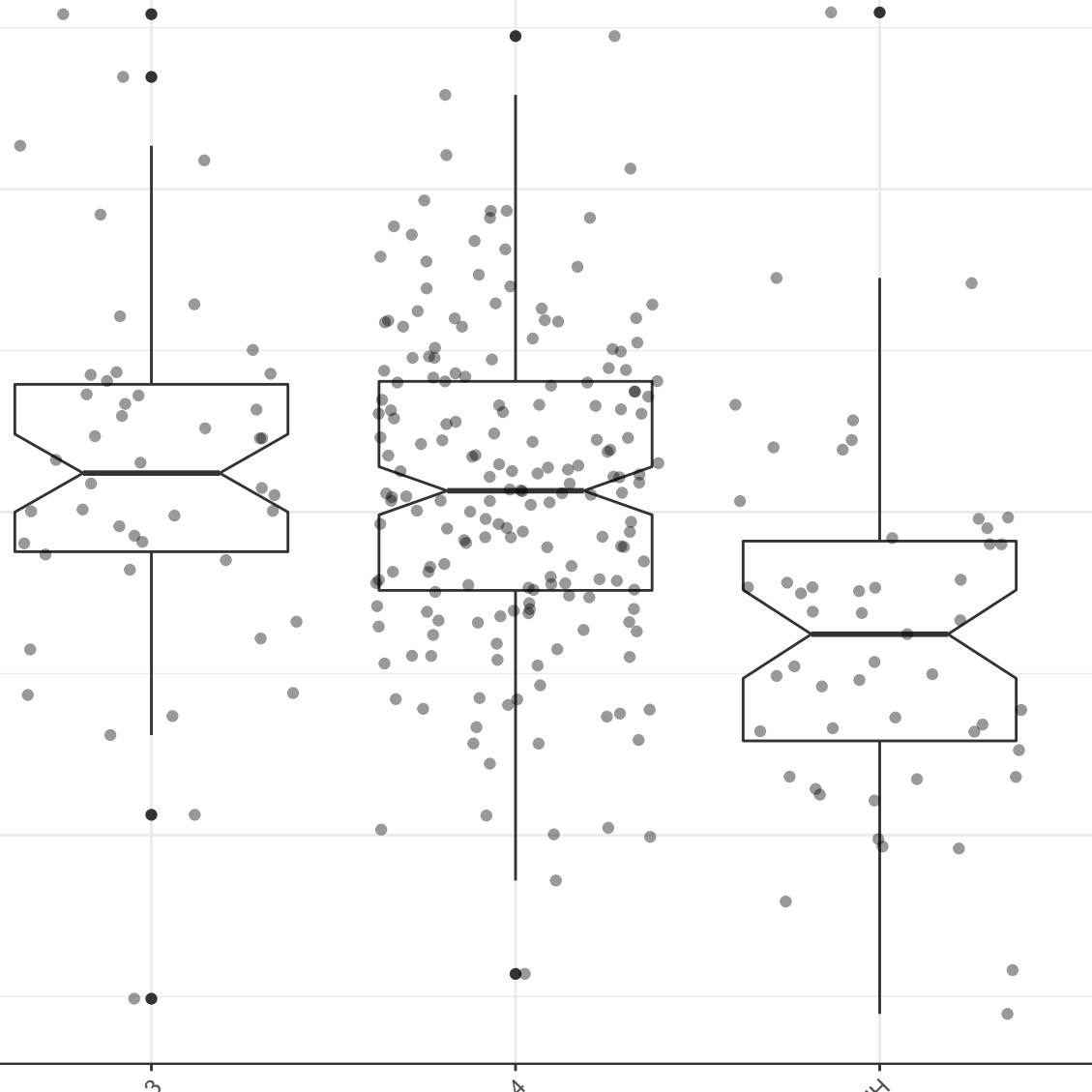
-0.05

Group 3

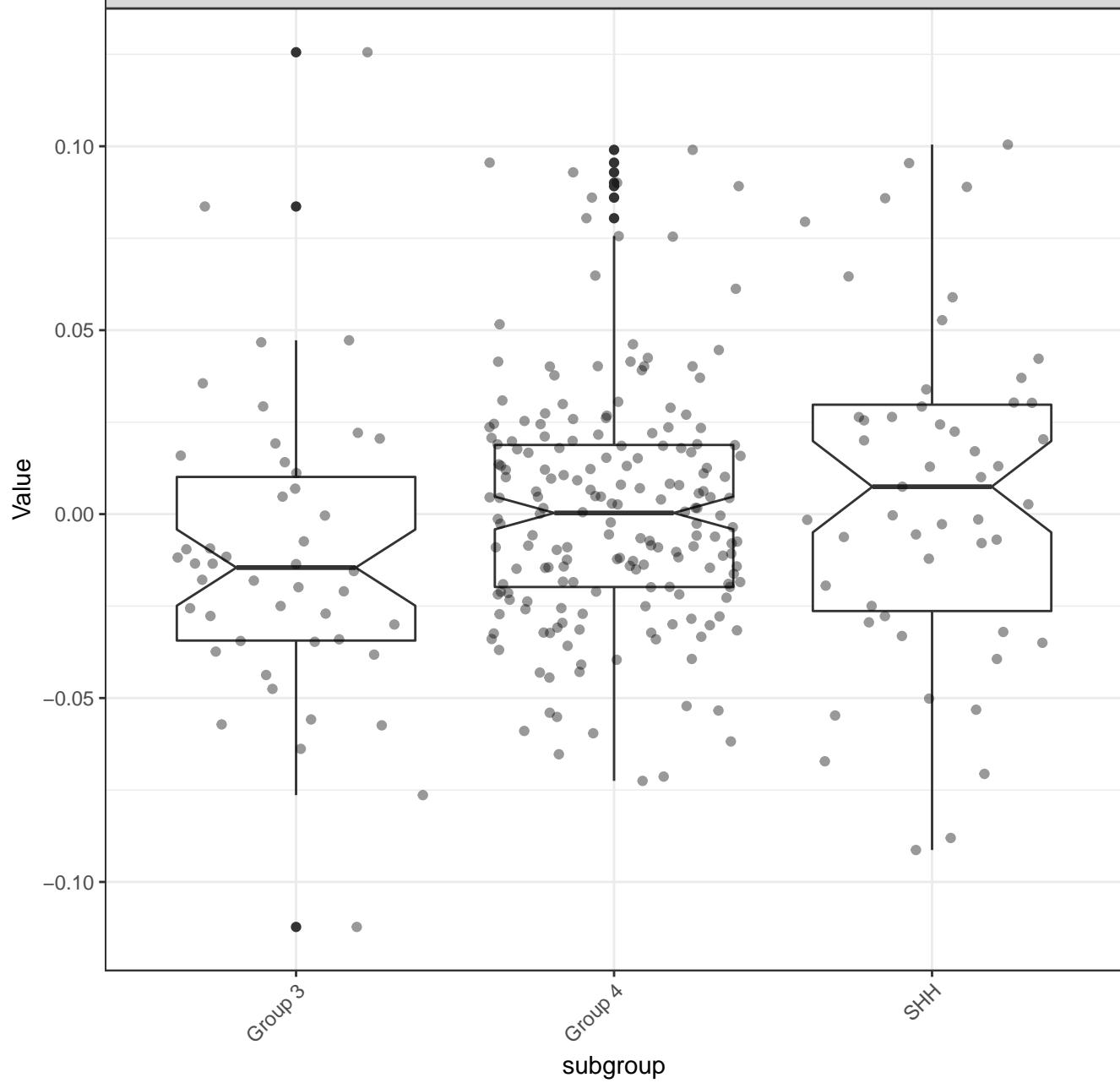
subgroup

Group 4

SHH



110,REACTOME_MEIOSIS



LV 111

Value

0.2

0.1

0.0

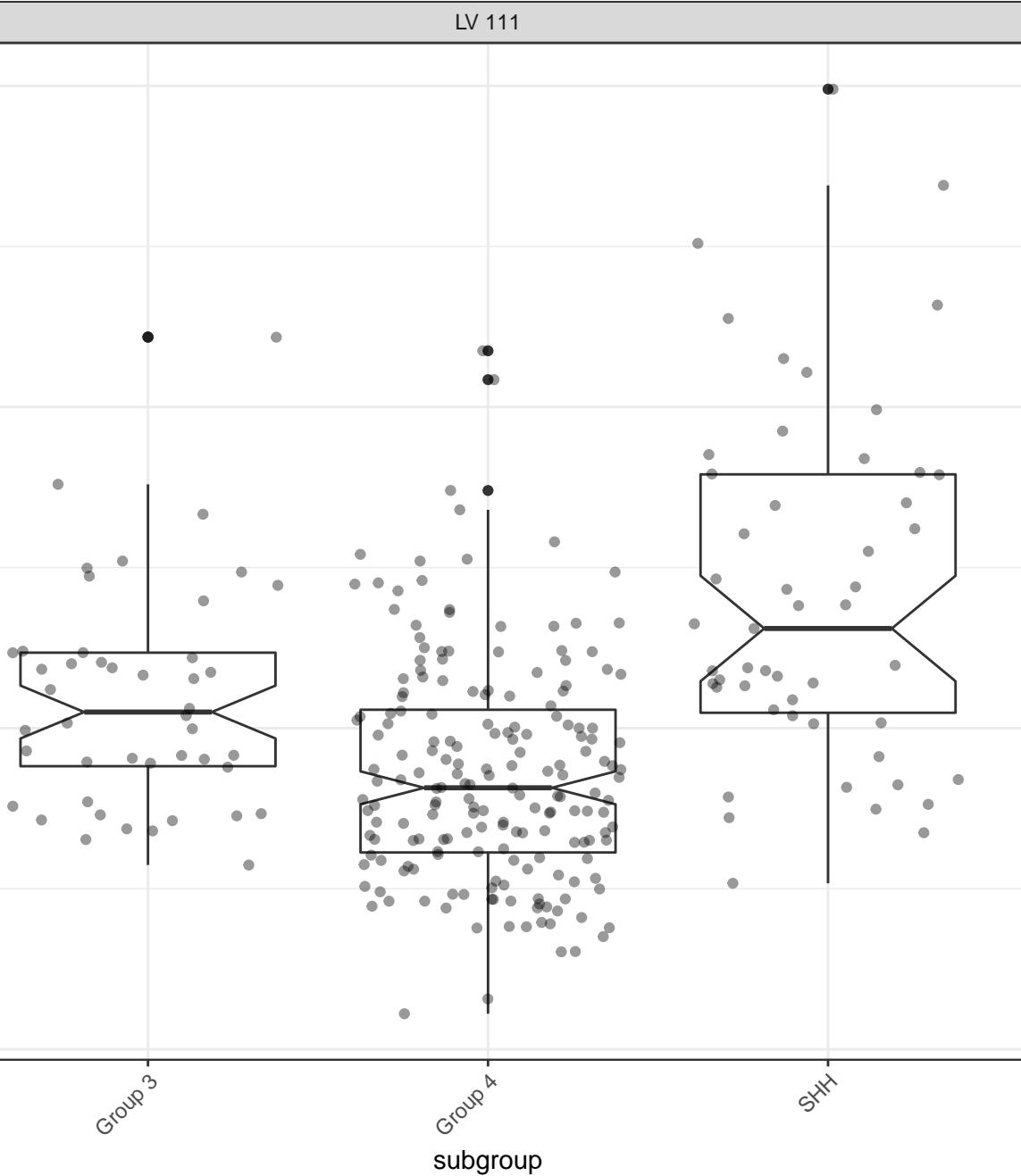
-0.1

Group 3

Group 4

SHH

subgroup



LV 112

Value

0.05

0.00

-0.05

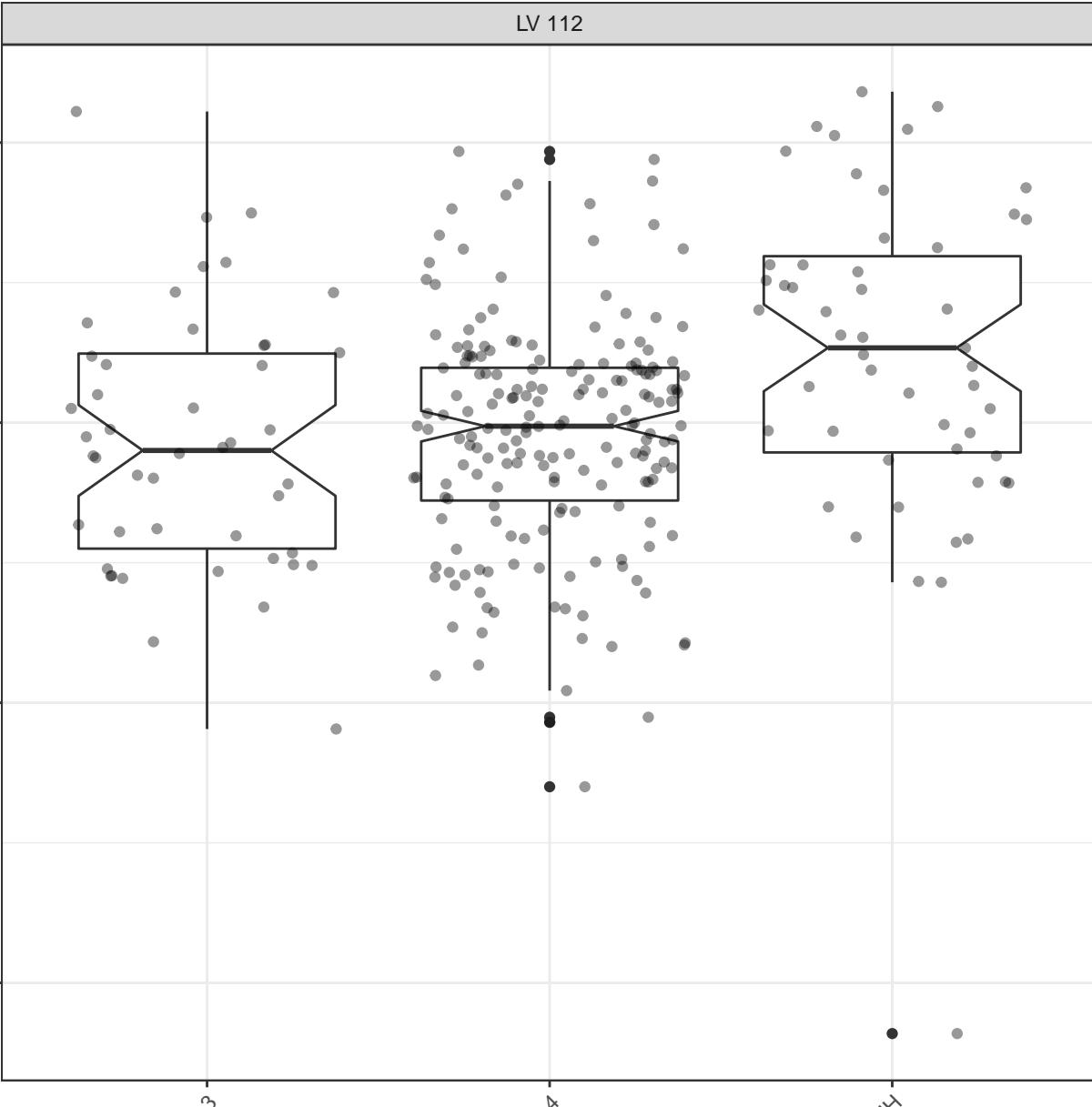
-0.10

Group 3

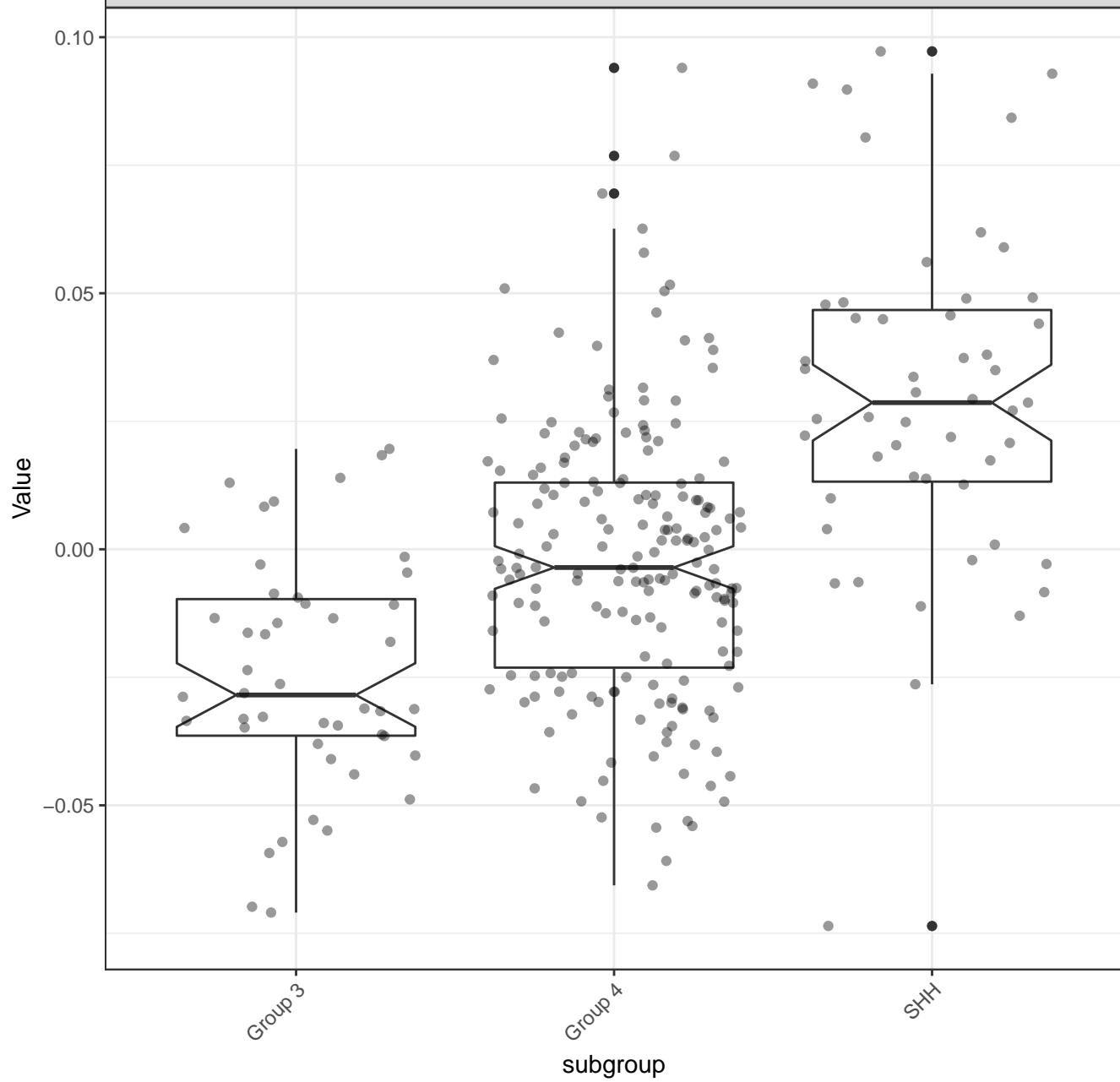
Group 4

SHH

subgroup



LV 113



LV 114

Value

0.10

0.05

0.00

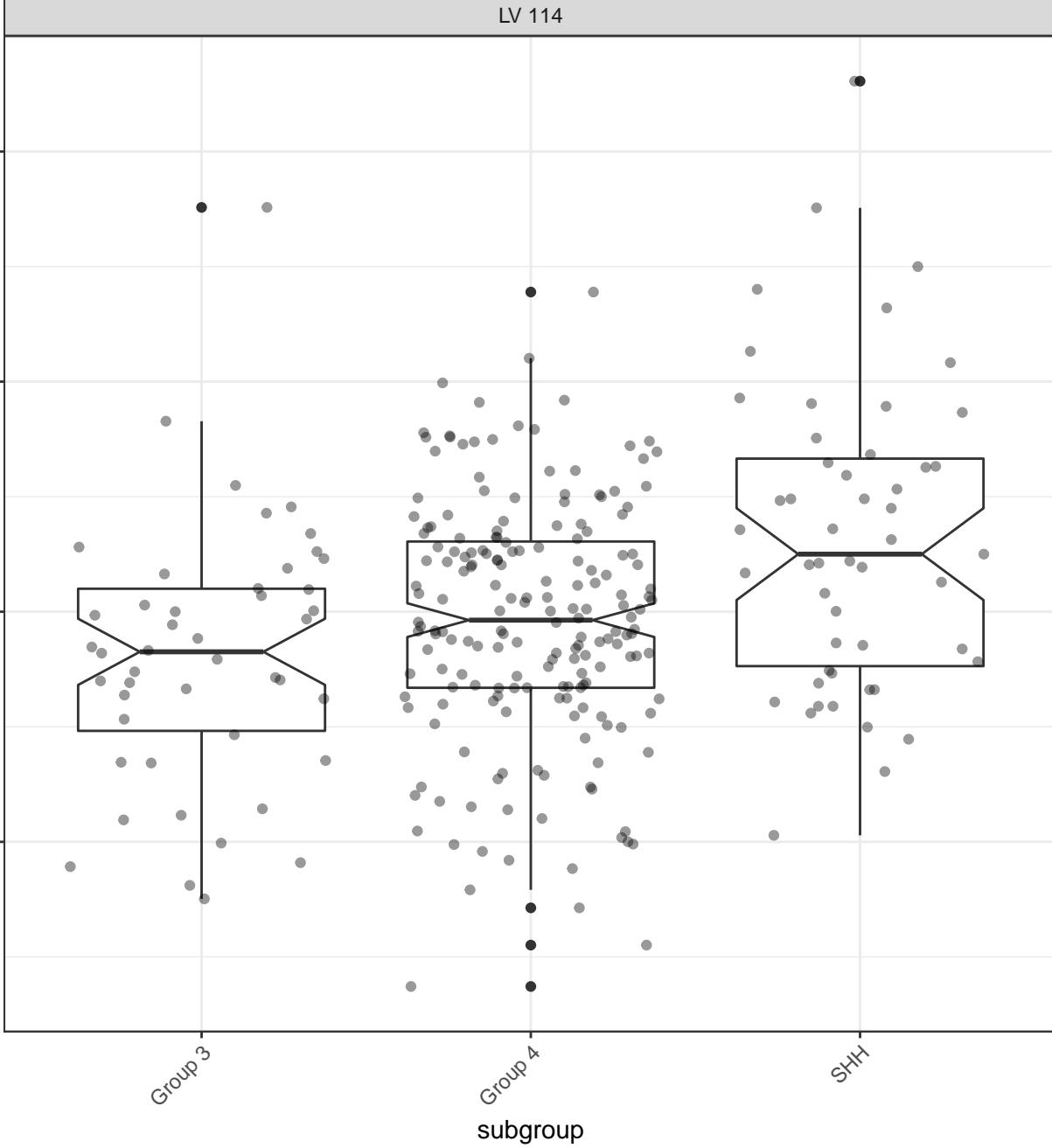
-0.05

Group 3

Group 4

SHH

subgroup



LV 115

Value

0.10

0.05

0.00

-0.05

Group 3

subgroup

SHH



116,REACTOME_INTERFERON_ALPHA_BETA_SIGNALING

Value

0.4

0.2

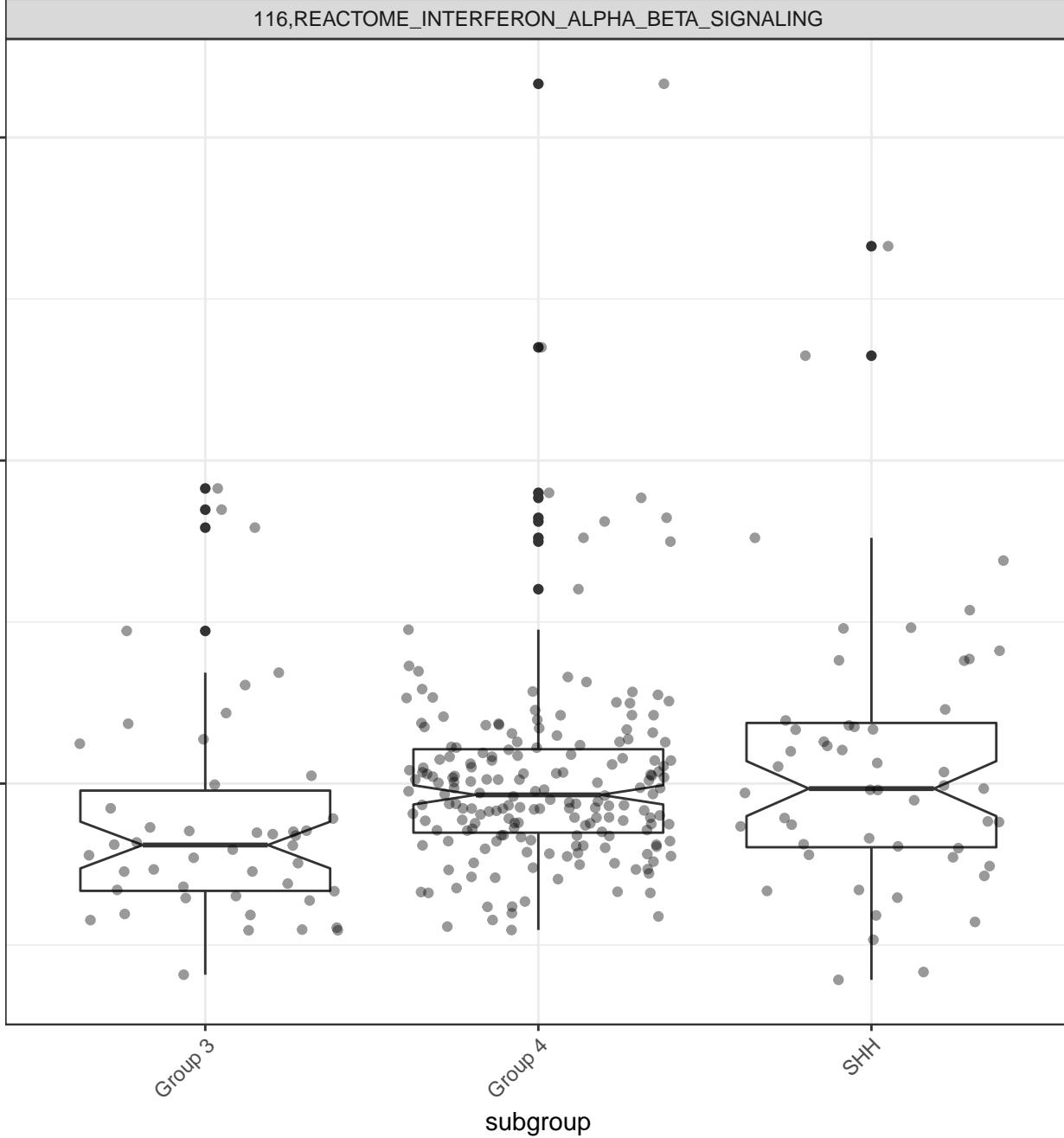
0.0

Group 3

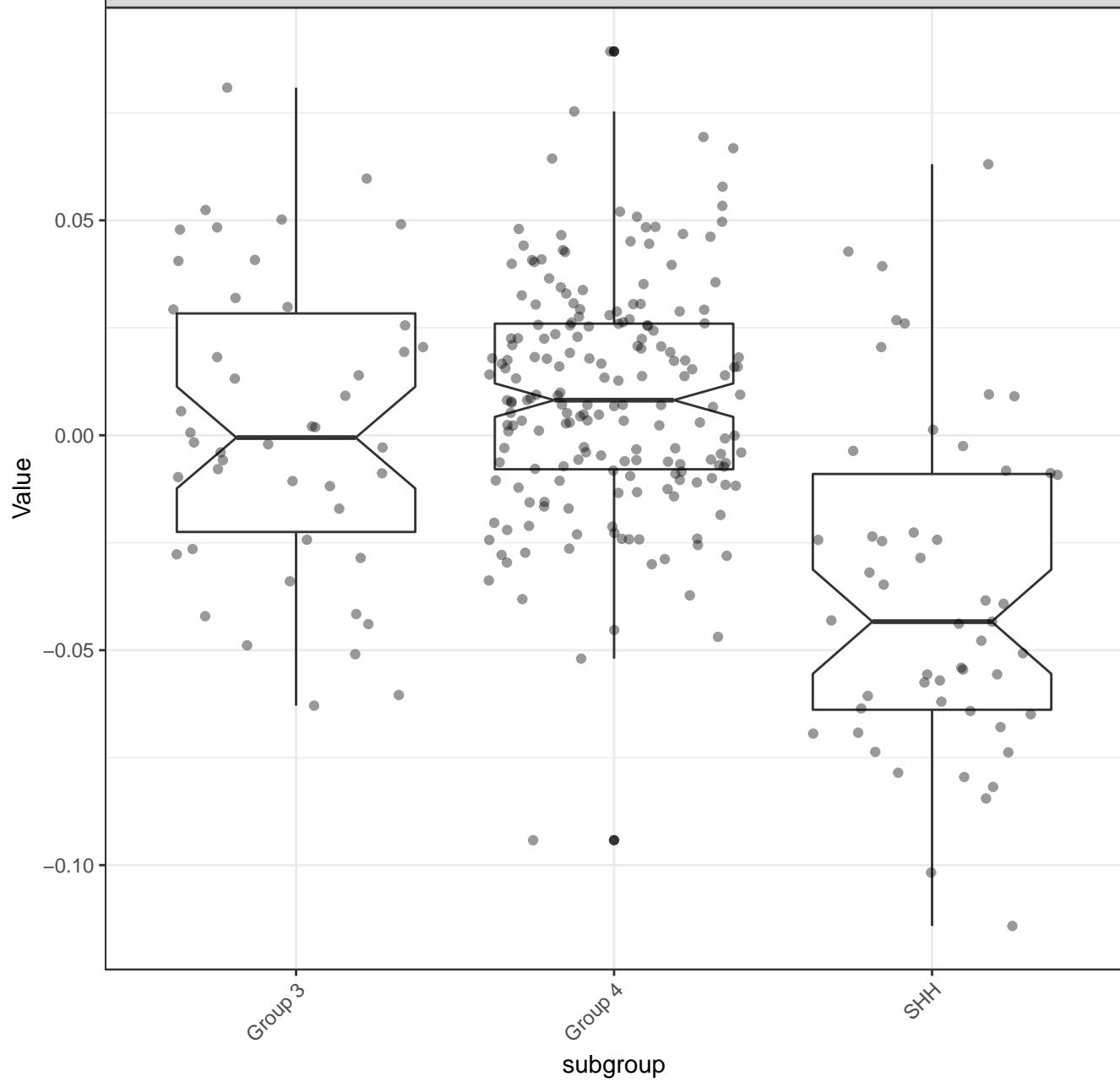
Group 4

SHH

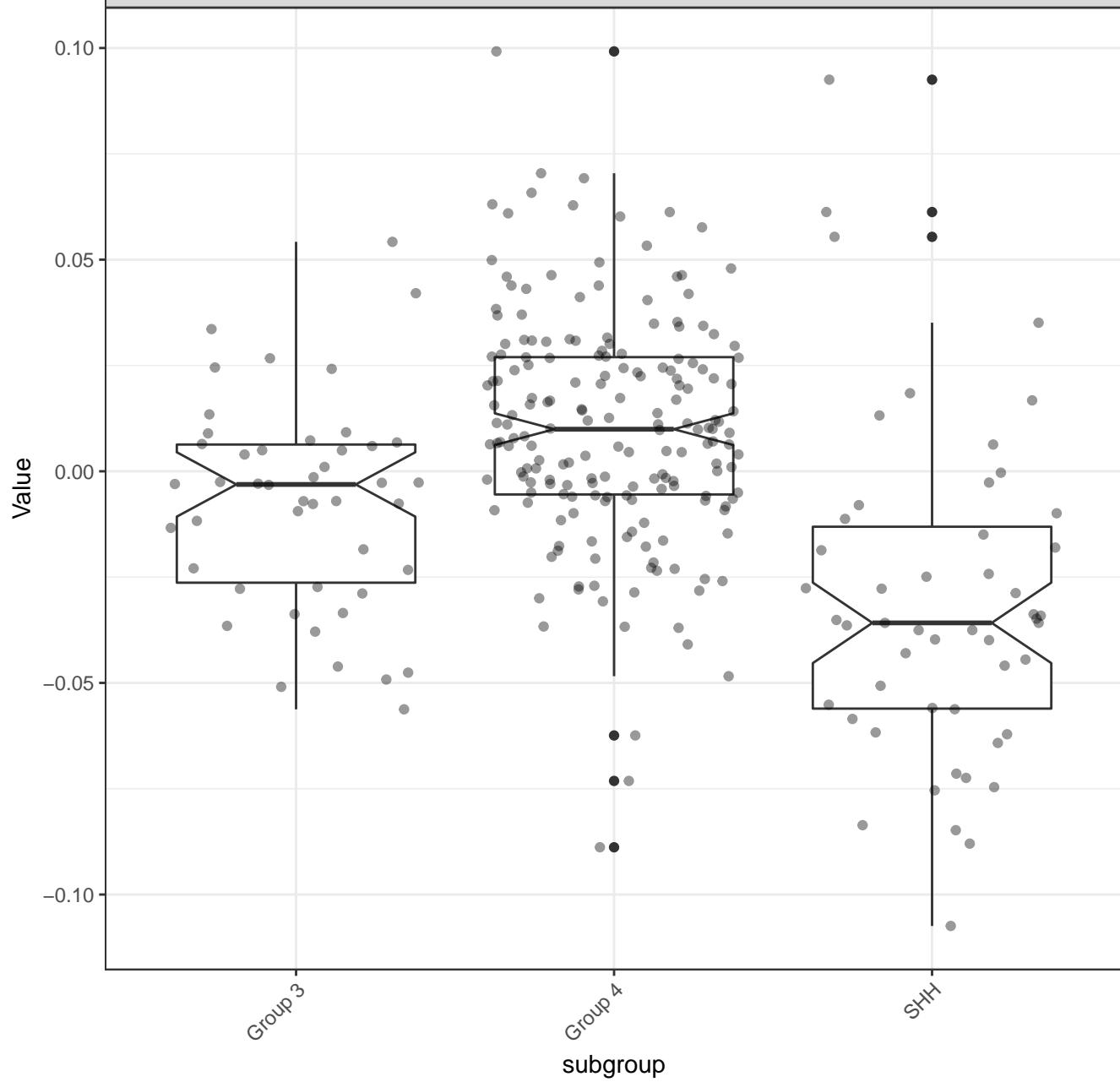
subgroup



LV 117



LV 118



LV 119

Value

0.10

0.05

0.00

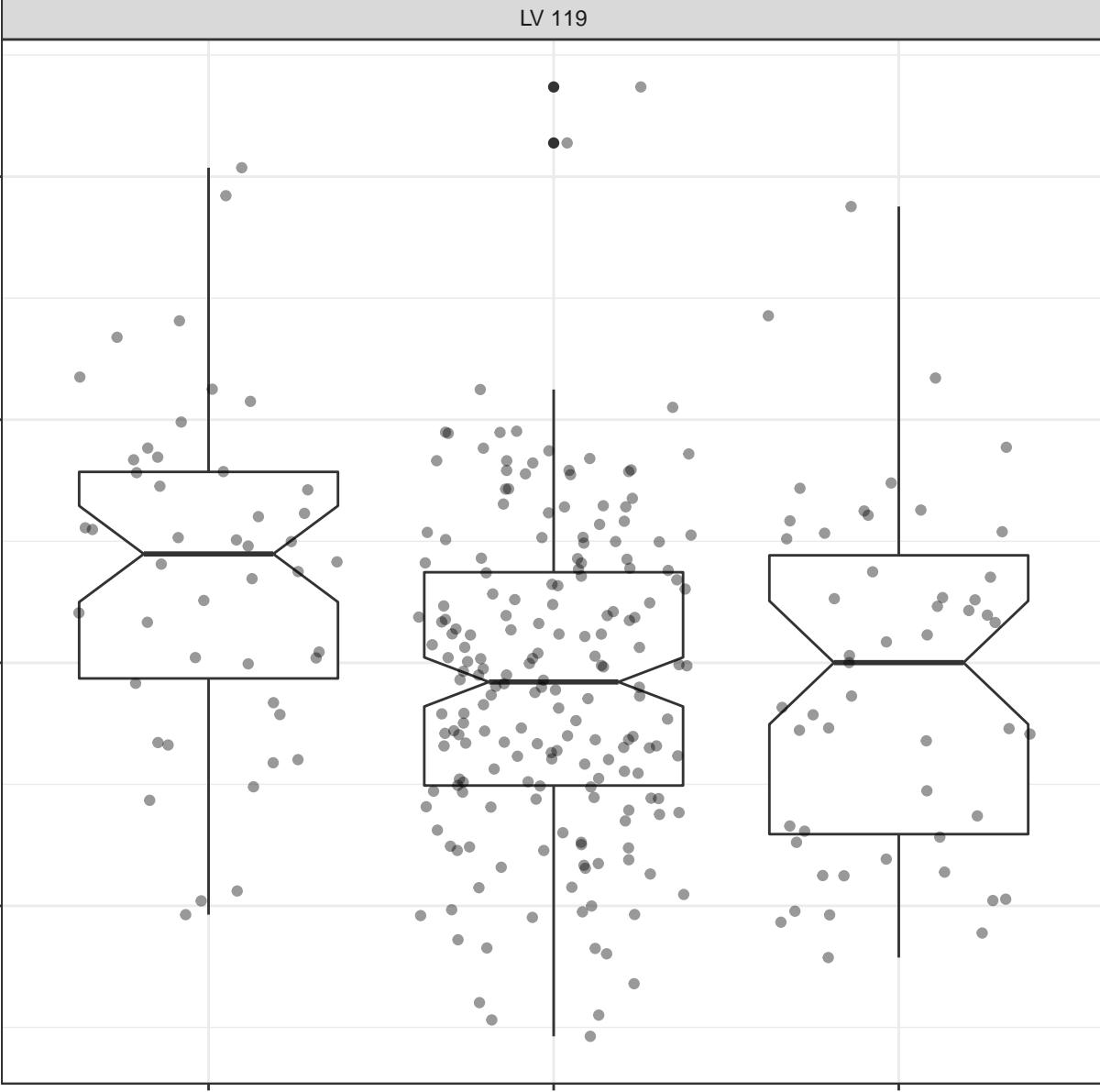
-0.05

Group 3

subgroup

Group 4

SHH



LV 120

Value

0.10

0.05

0.00

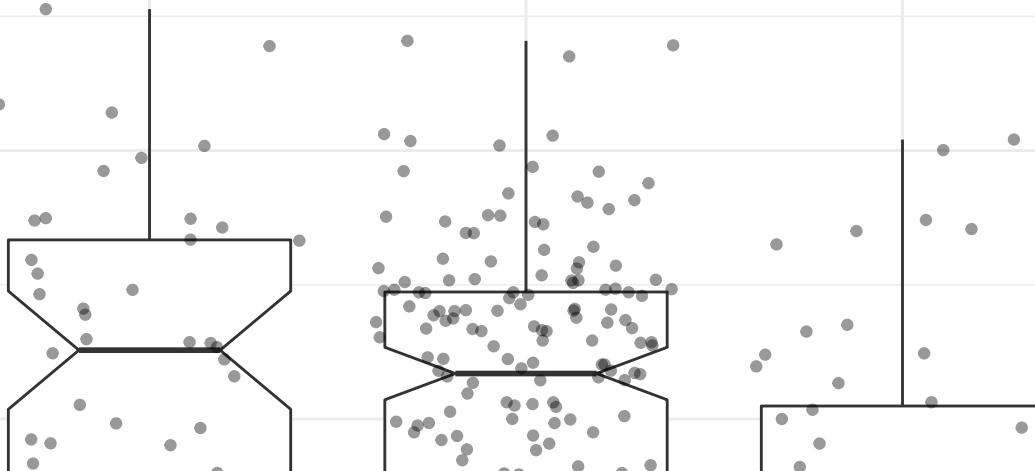
-0.05

-0.10

Group 3

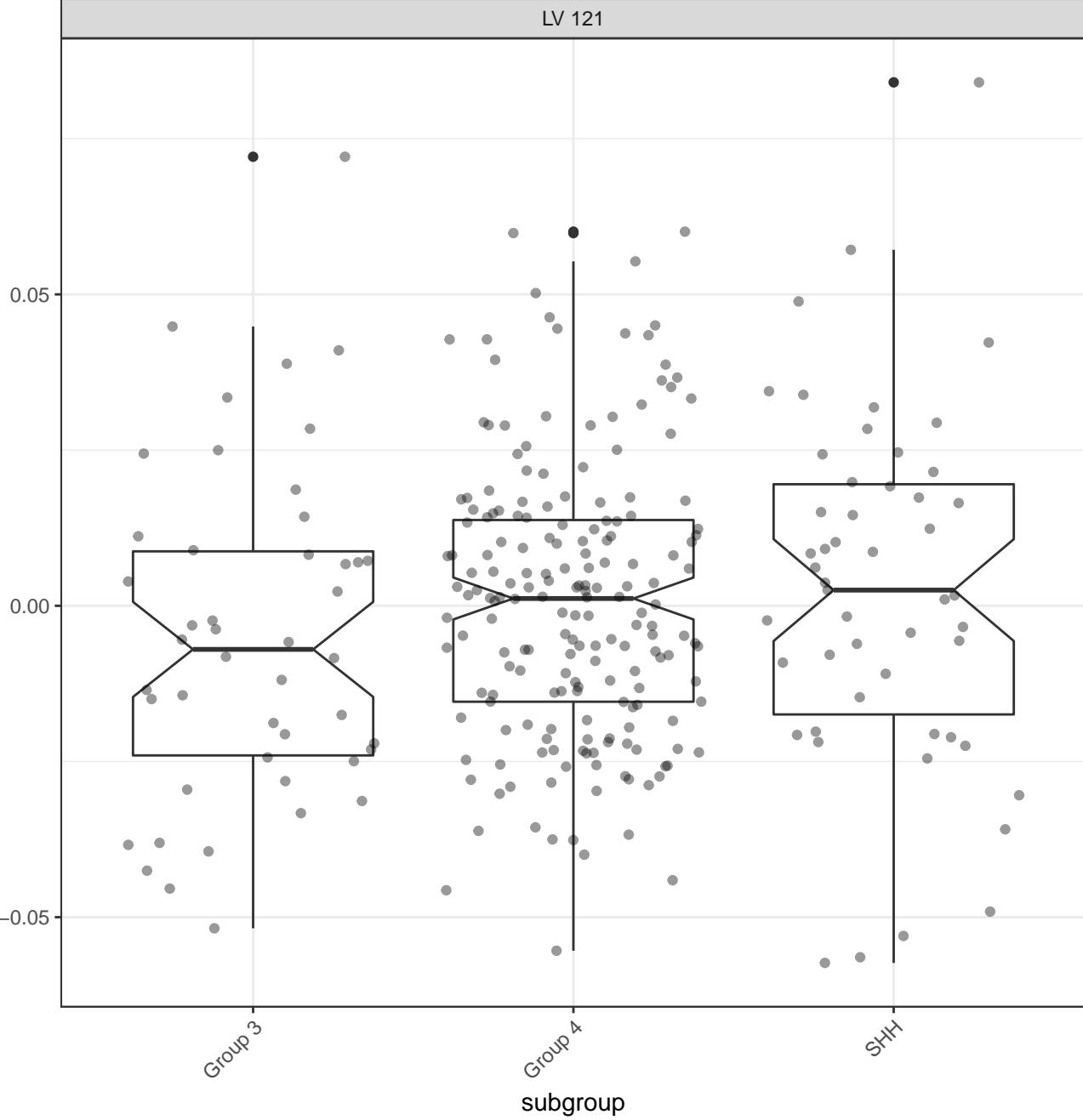
subgroup

SHH



LV 121

Value



LV 122

Value

0.10

0.05

0.00

-0.05

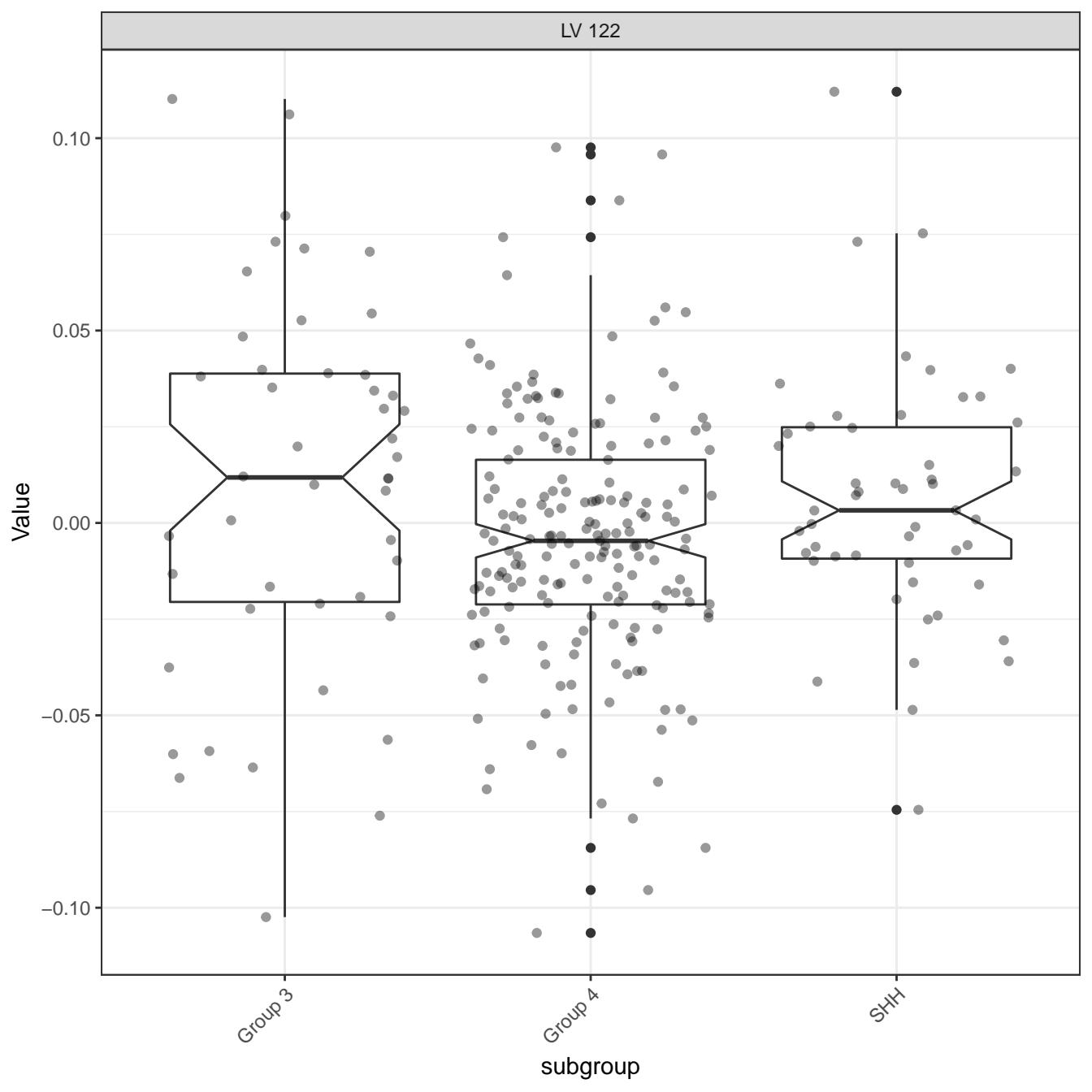
-0.10

Group 3

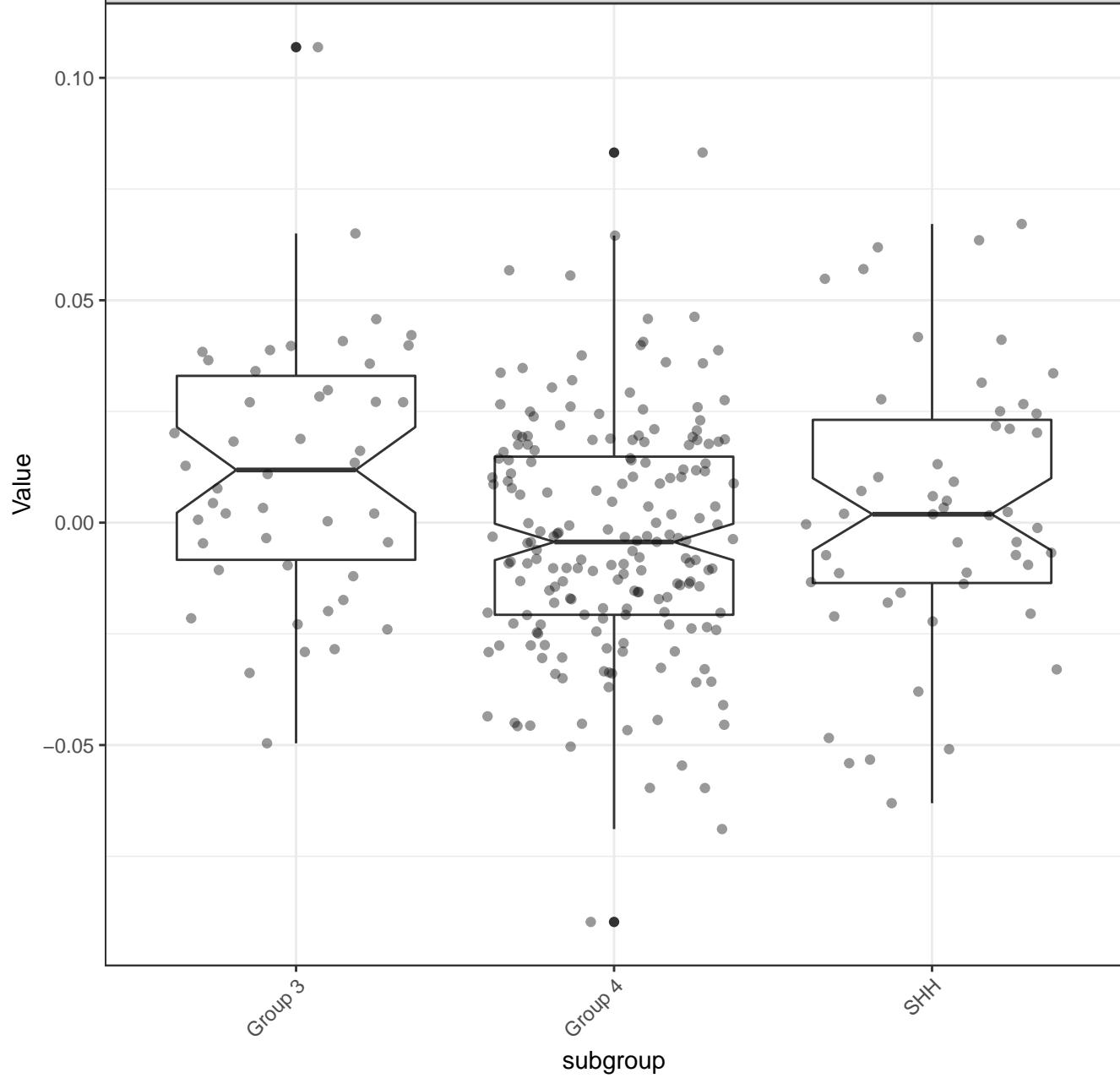
subgroup

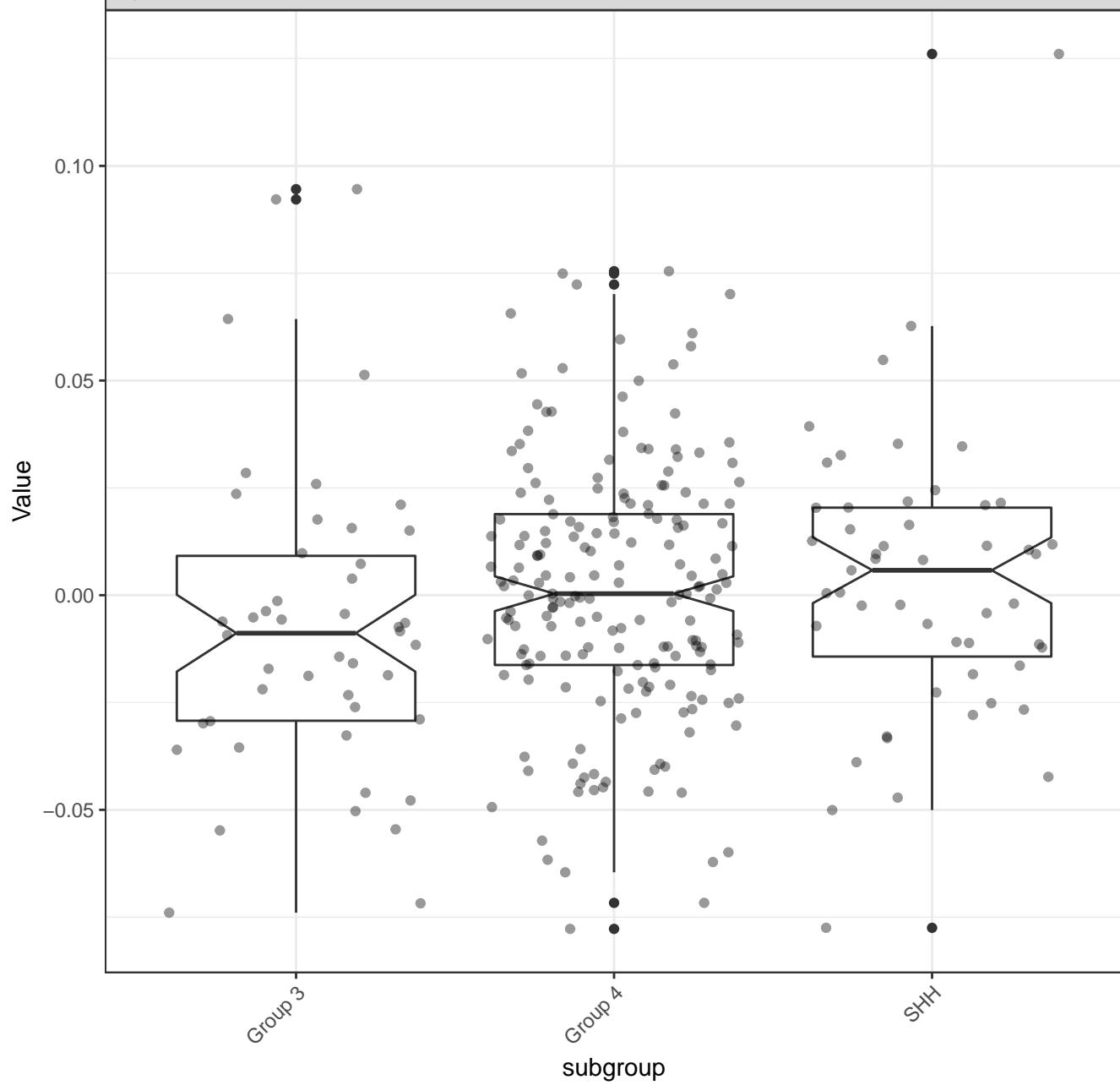
SHH

Group 4

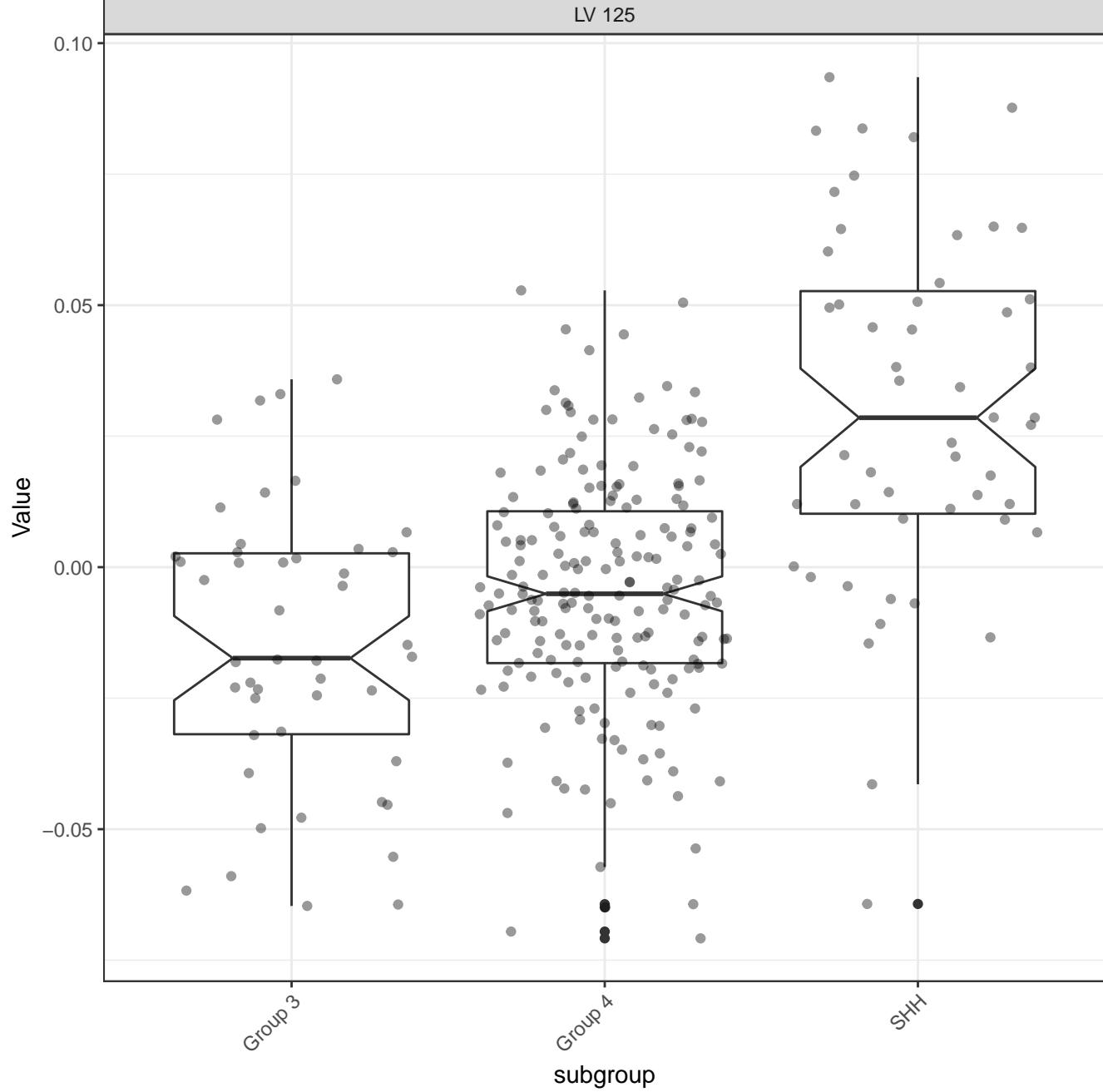


123,SVM Dendritic cells activated



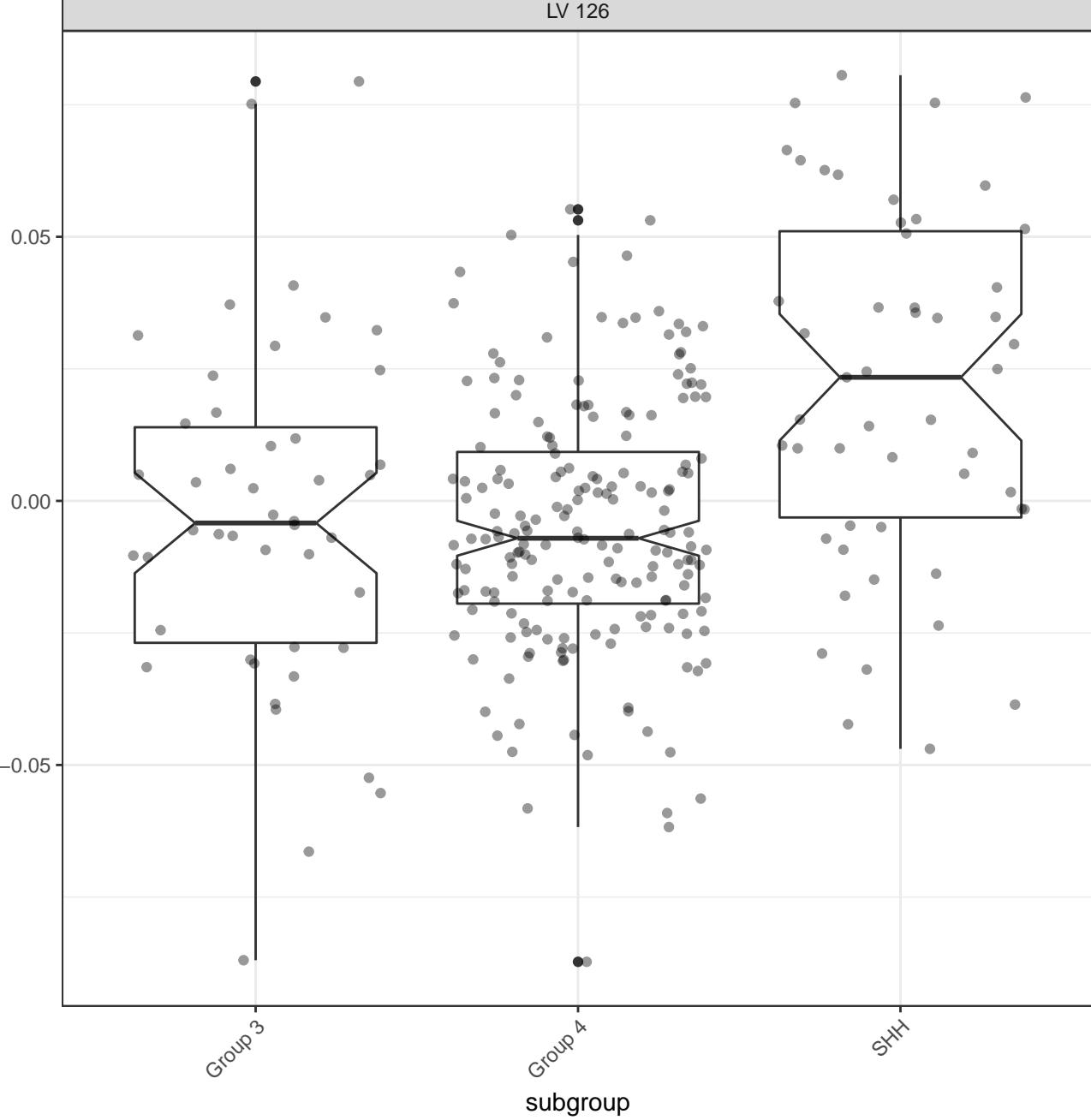


LV 125

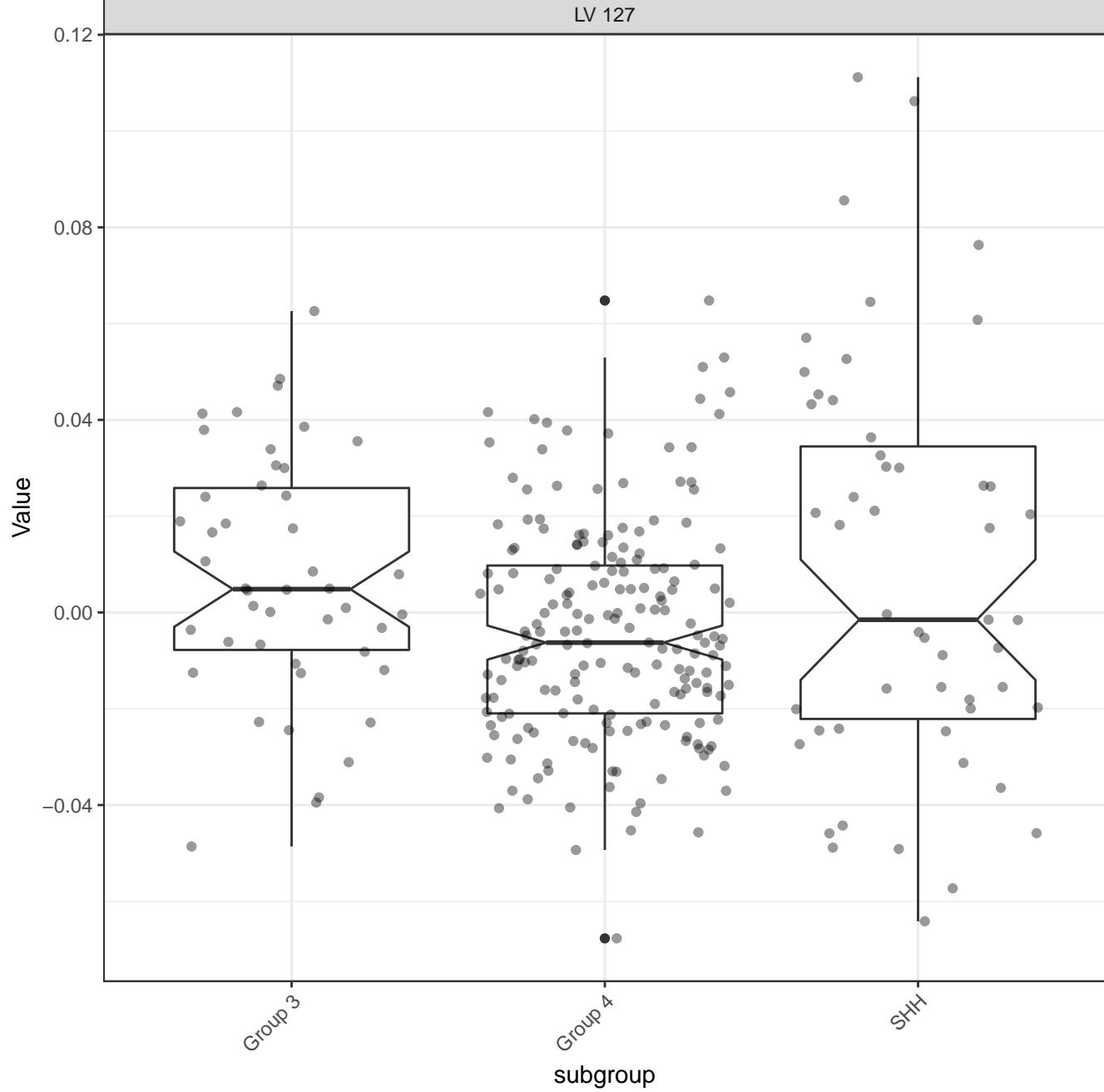


LV 126

Value



LV 127



LV 128

Value

0.15

0.10

0.05

0.00

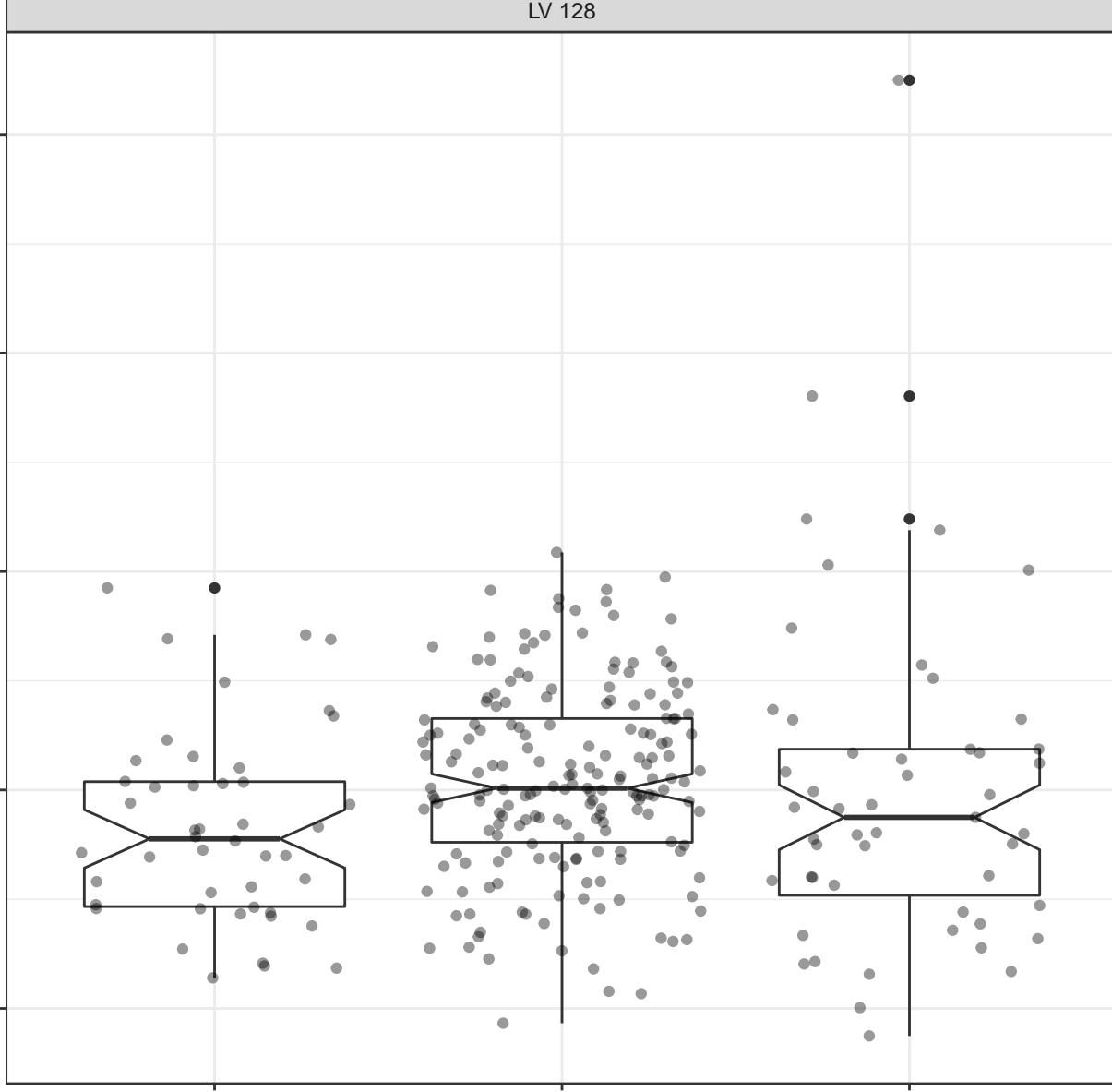
-0.05

Group 3

Group 4

SHH

subgroup



LV 129

Value

0.10

0.05

0.00

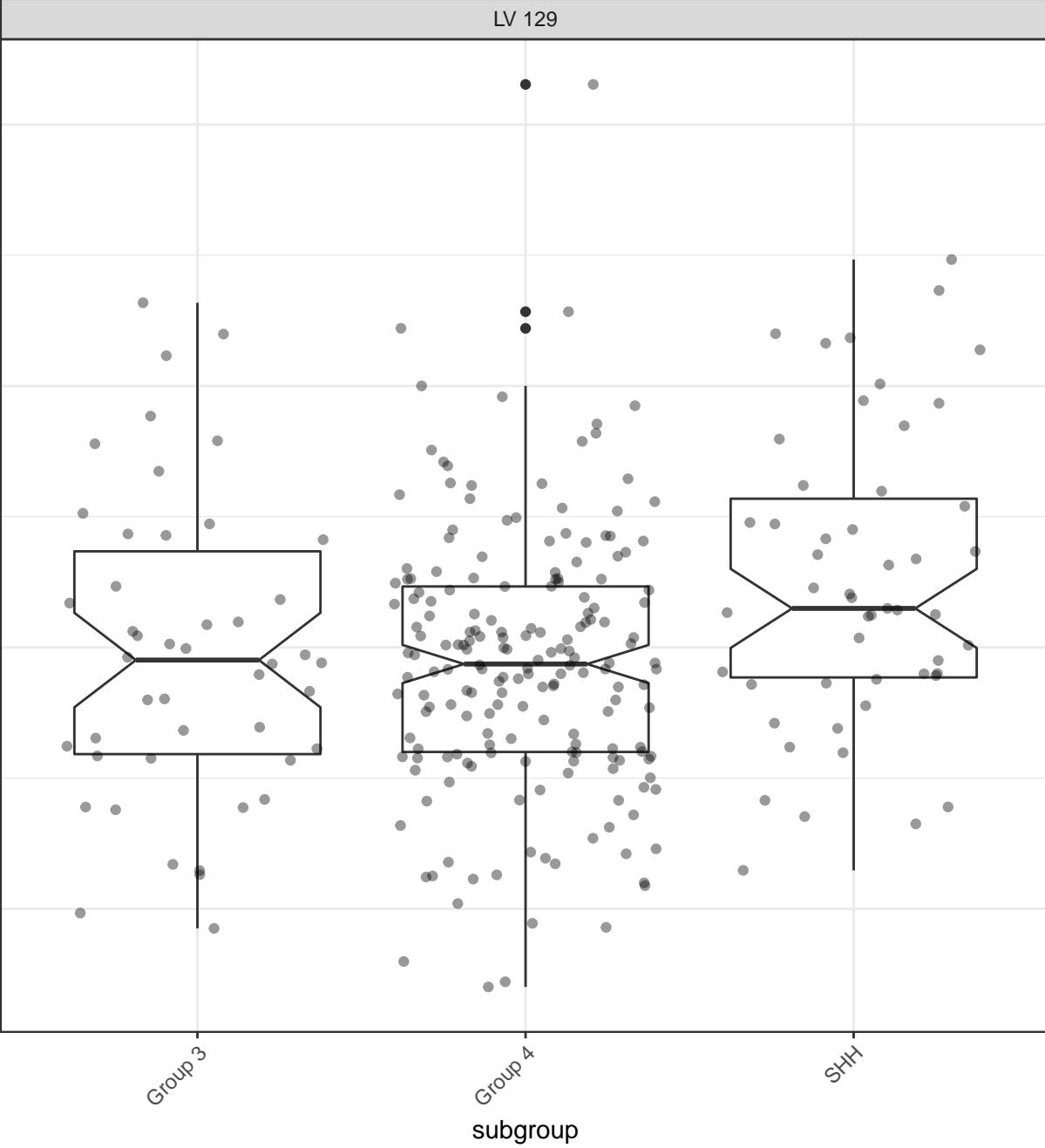
-0.05

Group 3

subgroup

Group 4

SHH



LV 130

Value

0.08

0.04

0.00

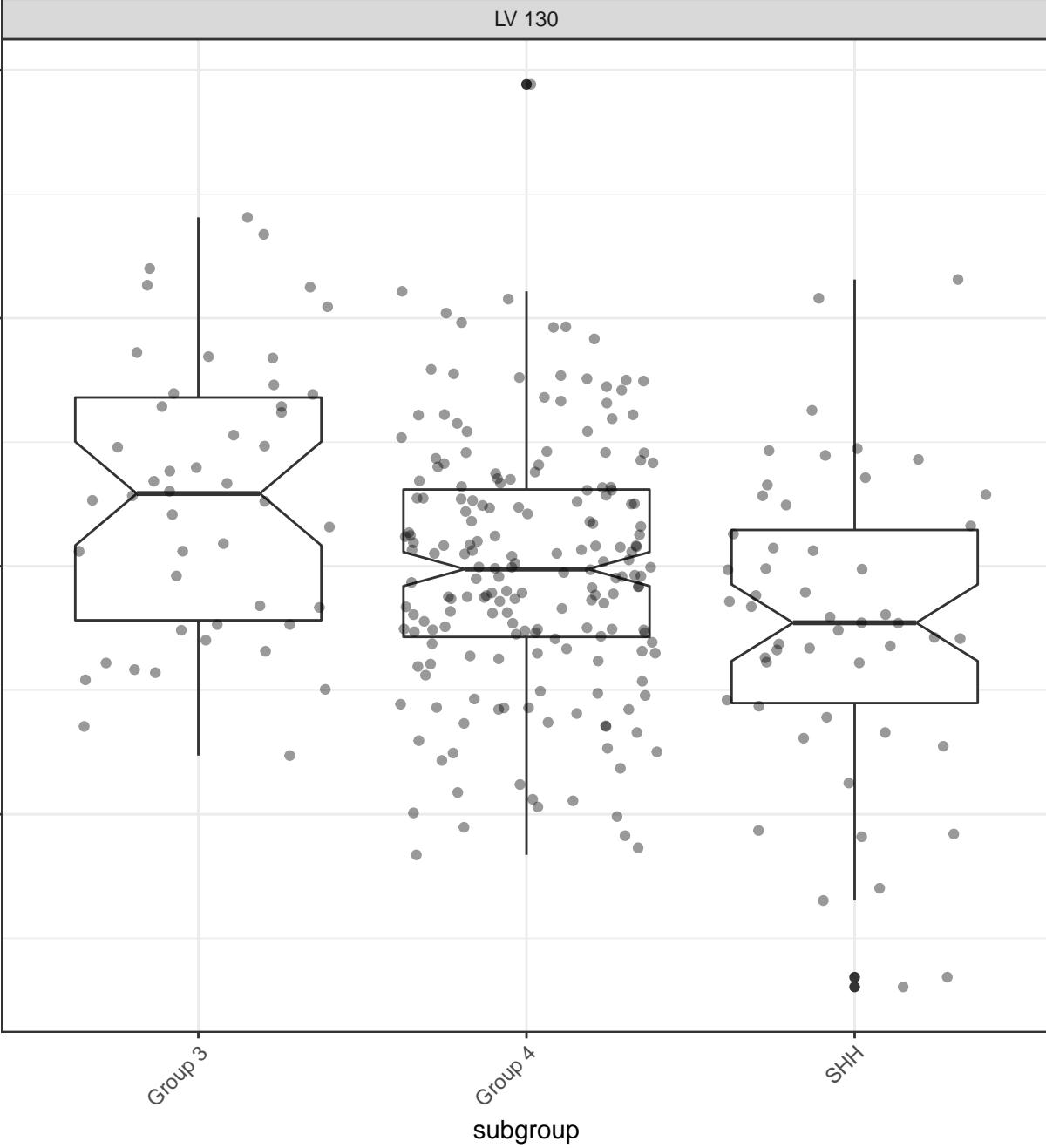
-0.04

Group 3

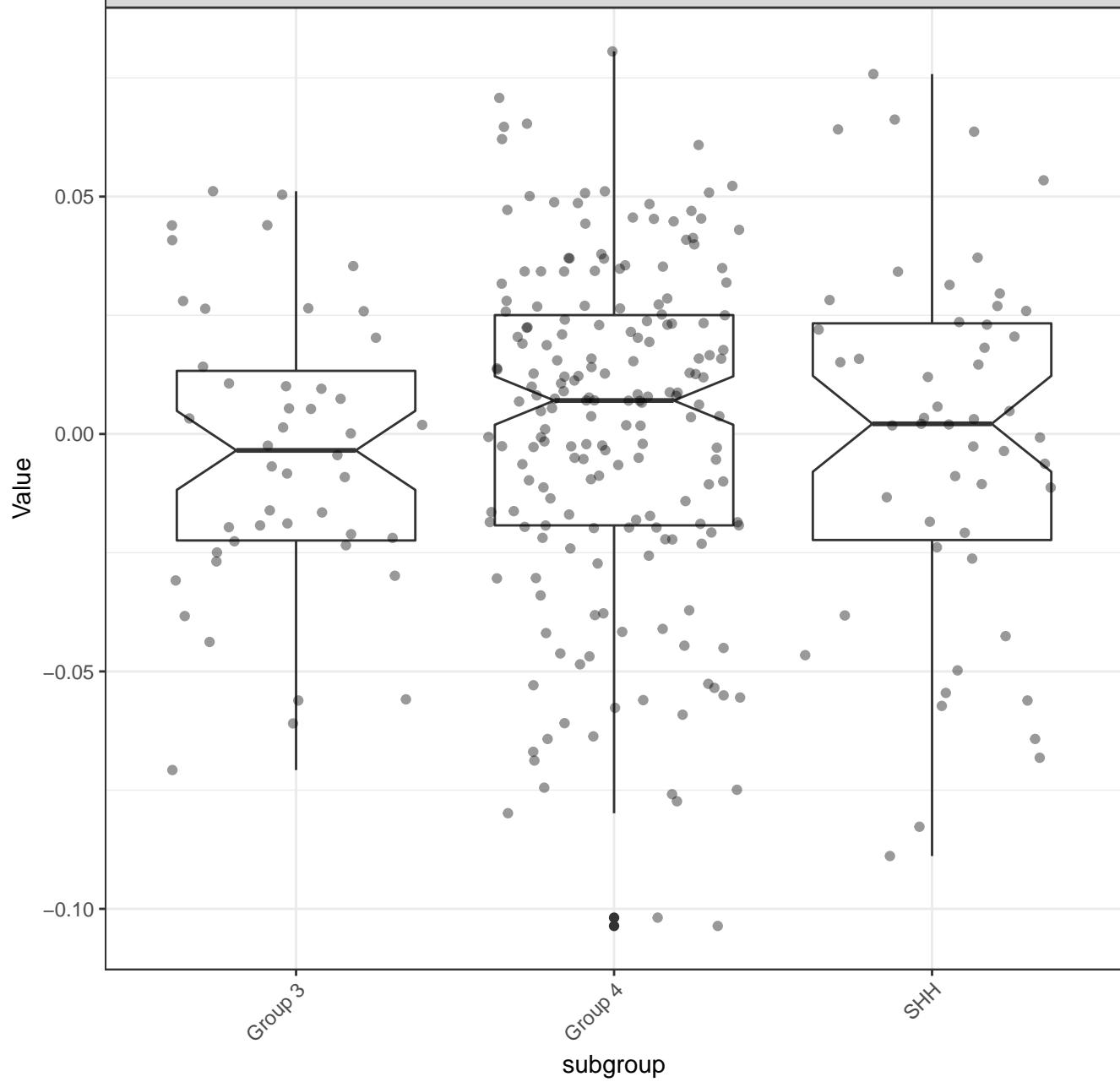
Group 4

SHH

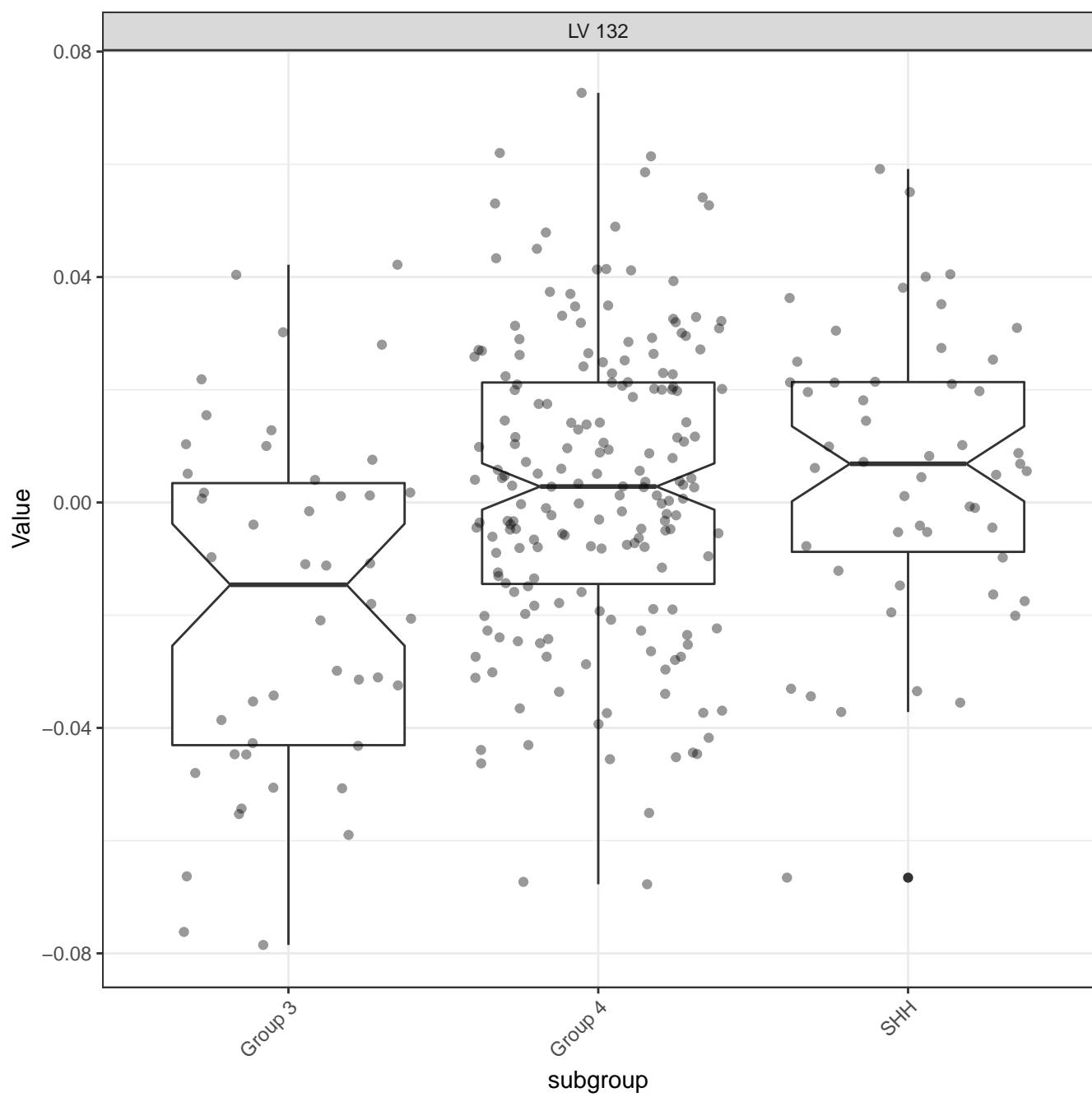
subgroup



LV 131



LV 132



LV 133

Value

0.3

0.2

0.1

0.0

-0.1

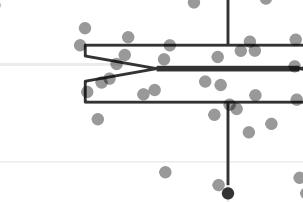
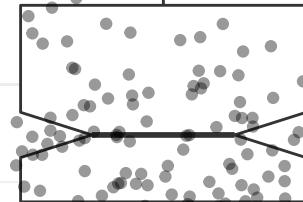
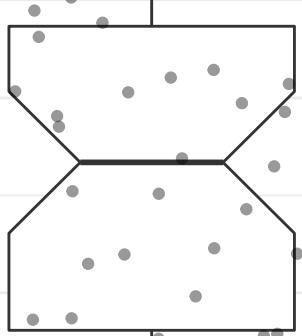
-0.2

Group 3

Group 4

SHH

subgroup



Value

0.05

0.00

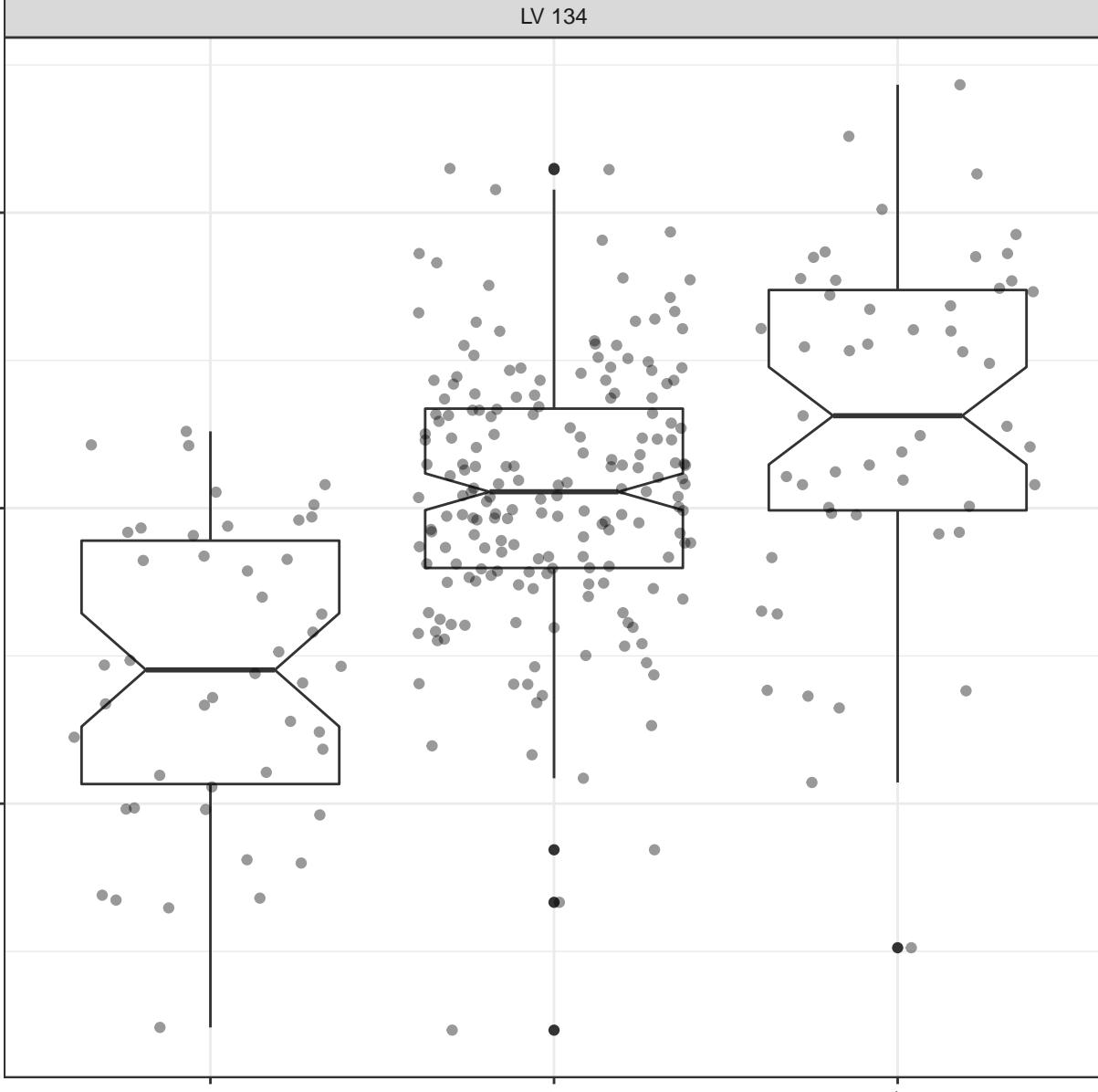
-0.05

Group 3

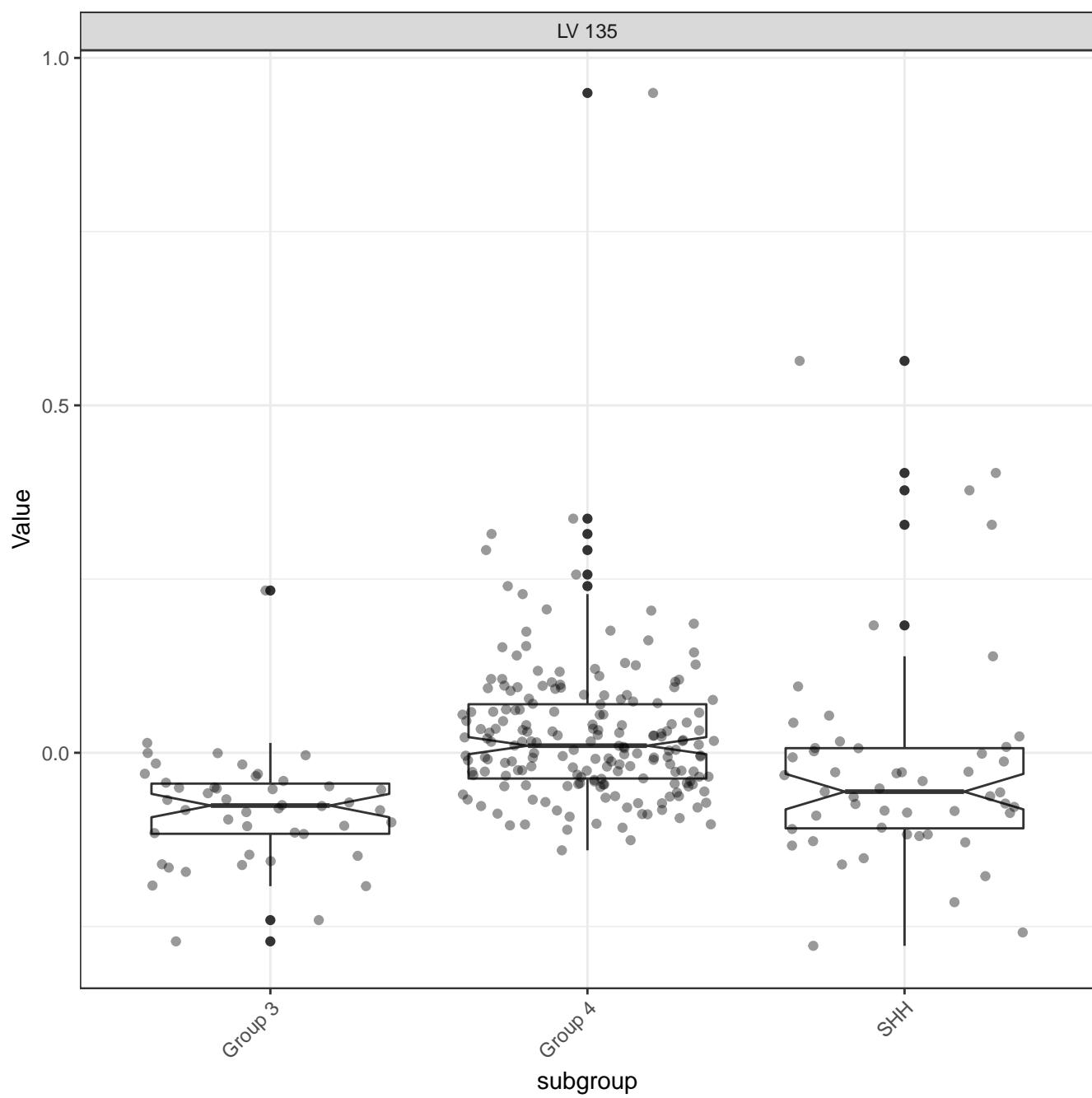
subgroup

Group 4

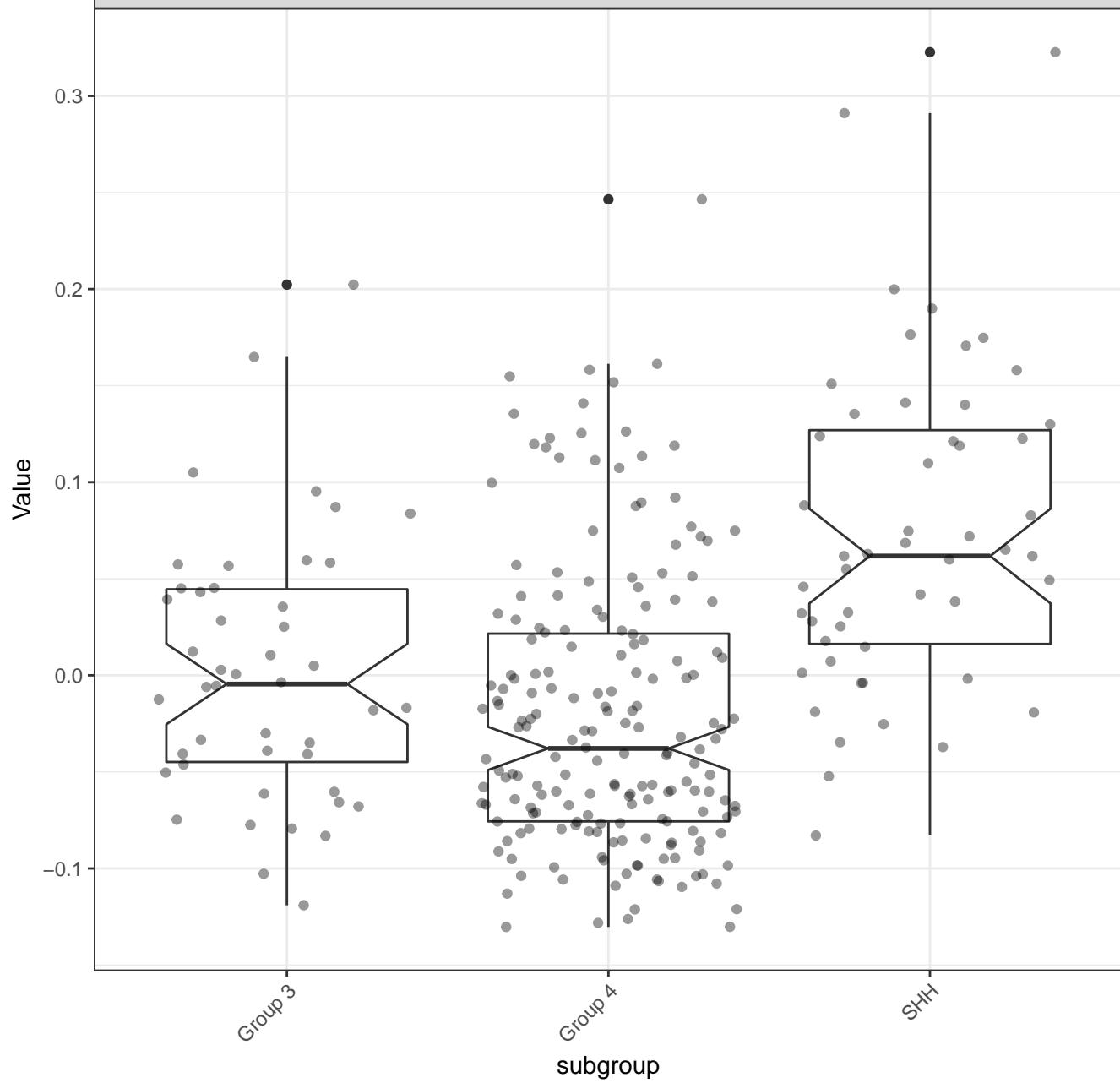
SHH



LV 135



136,PID_INTEGRIN1_PATHWAY



LV 137

Value

0.10

0.05

0.00

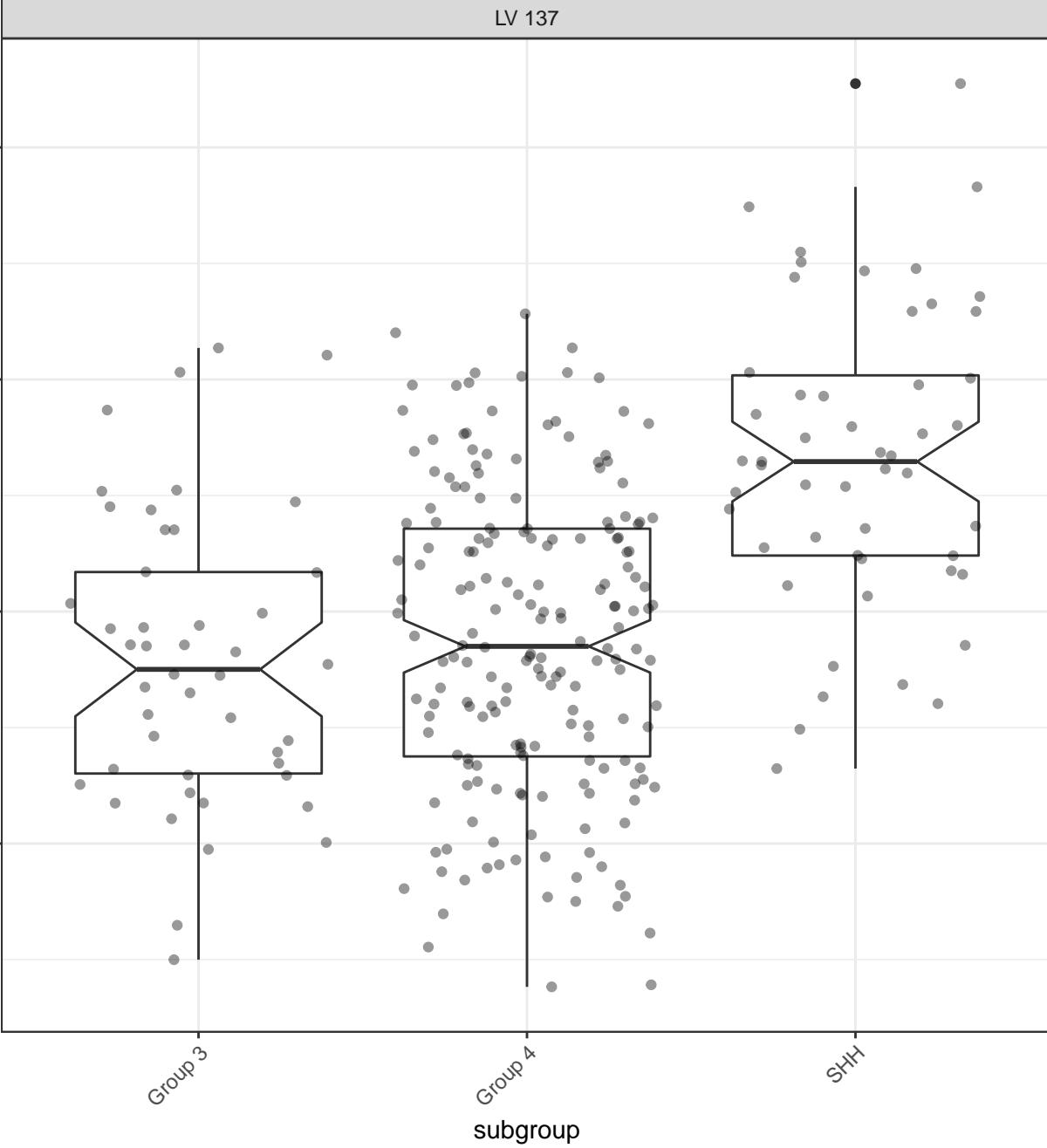
-0.05

Group 3

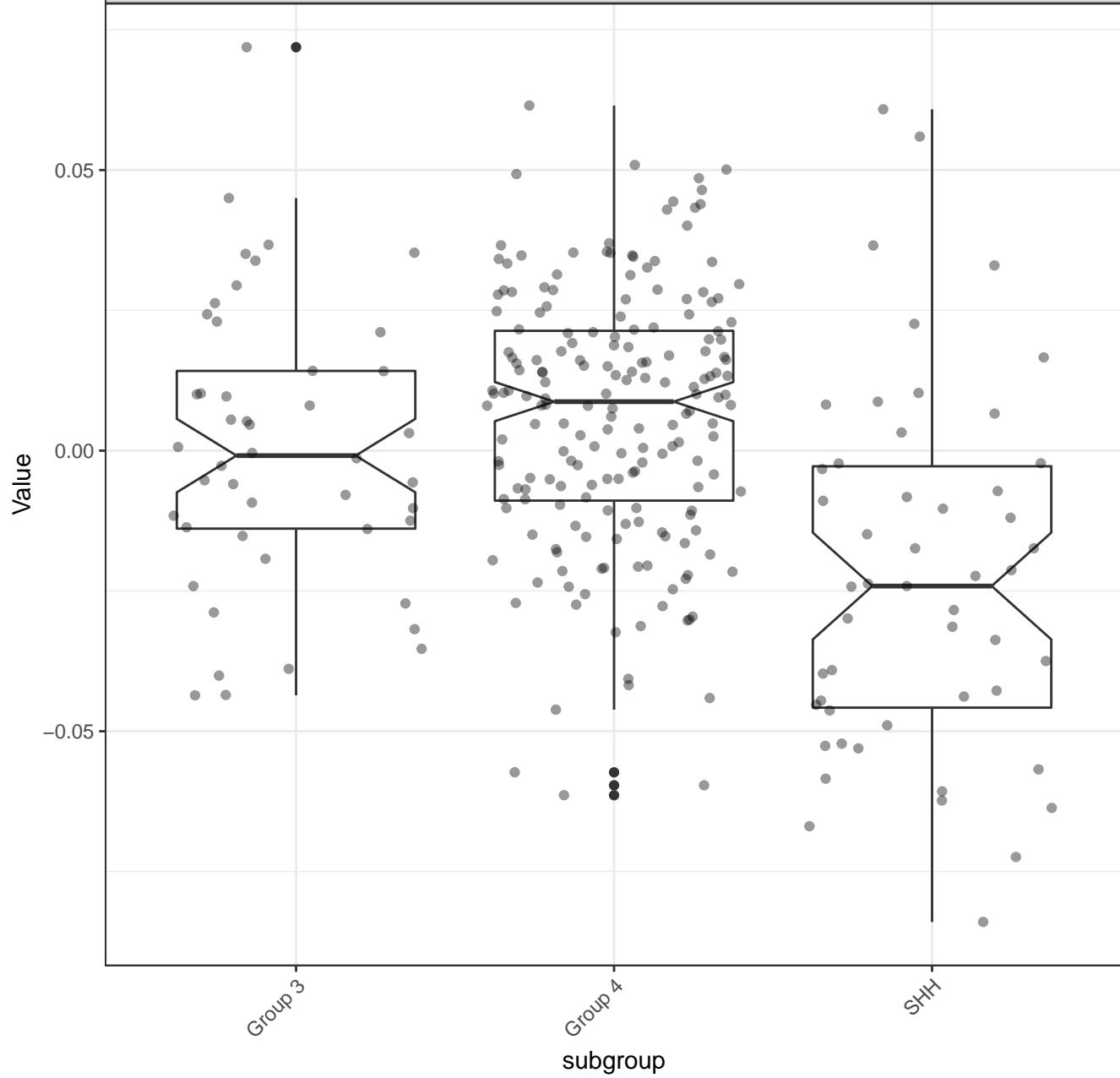
subgroup

Group 4

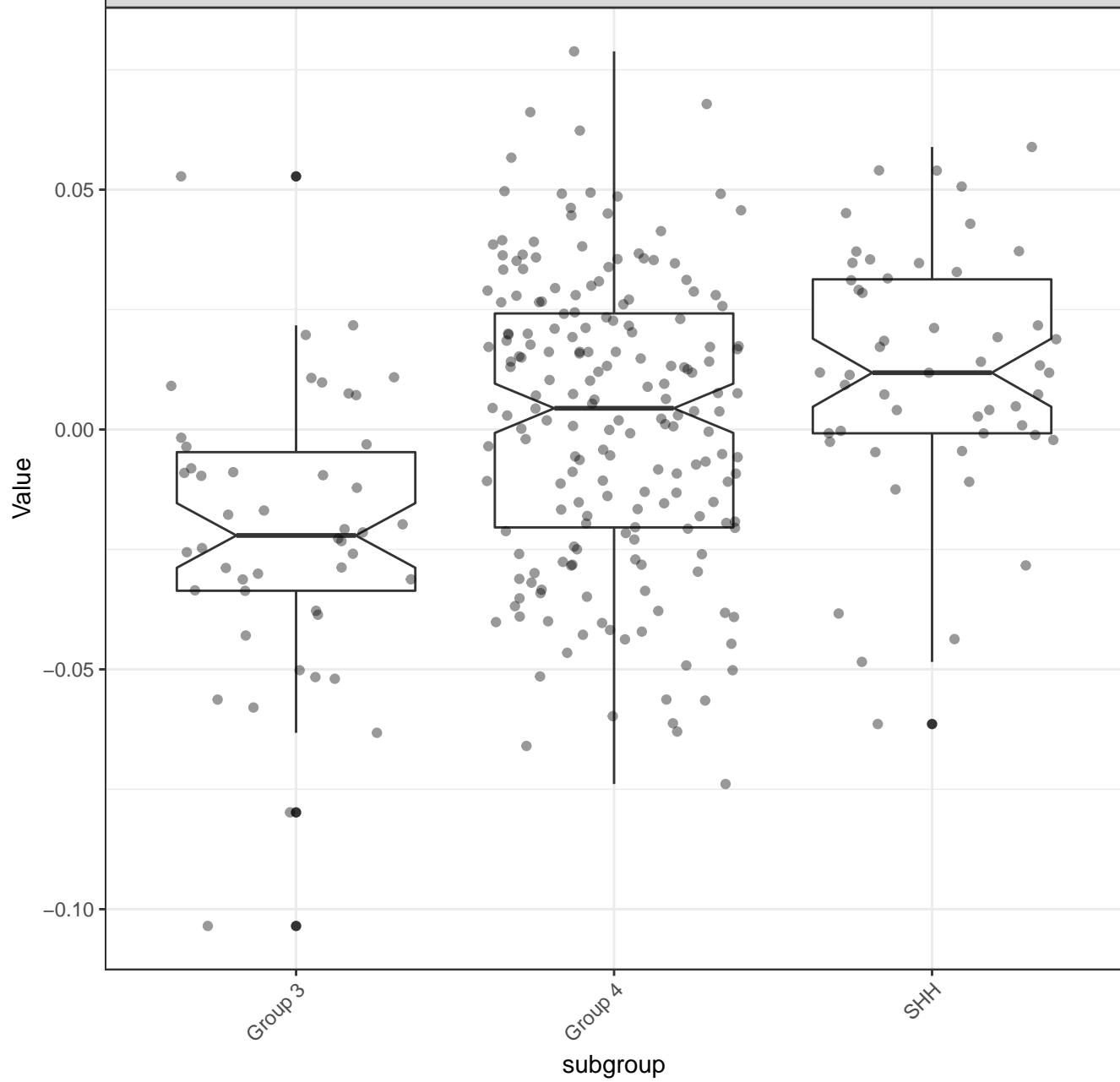
SHH



LV 138



LV 139



140,REACTOME_INTERFERON_GAMMA_SIGNALING

Value

0.1

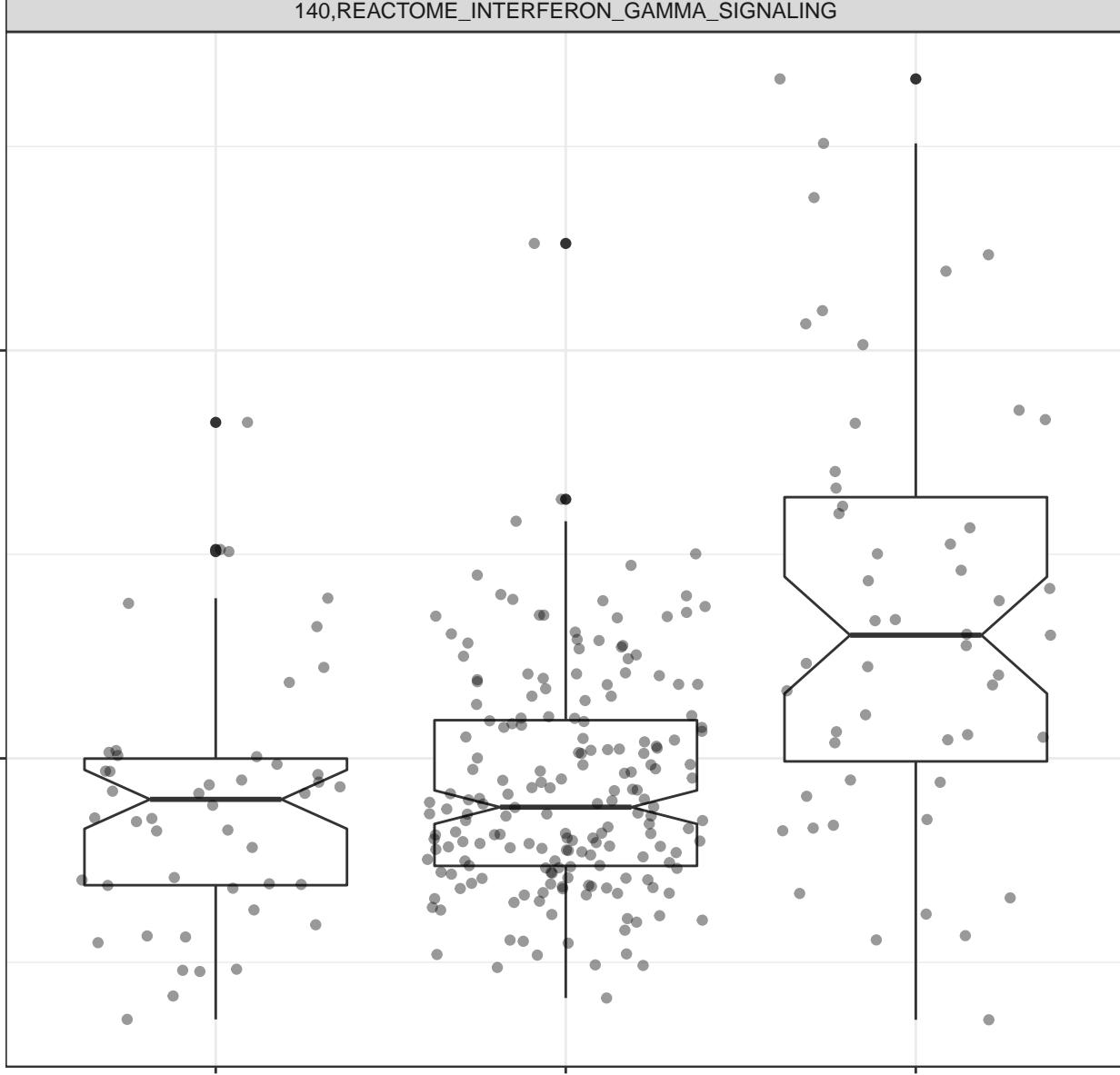
0.0

Group 3

Group 4

SHH

subgroup



LV 141

Value

0.05

0.00

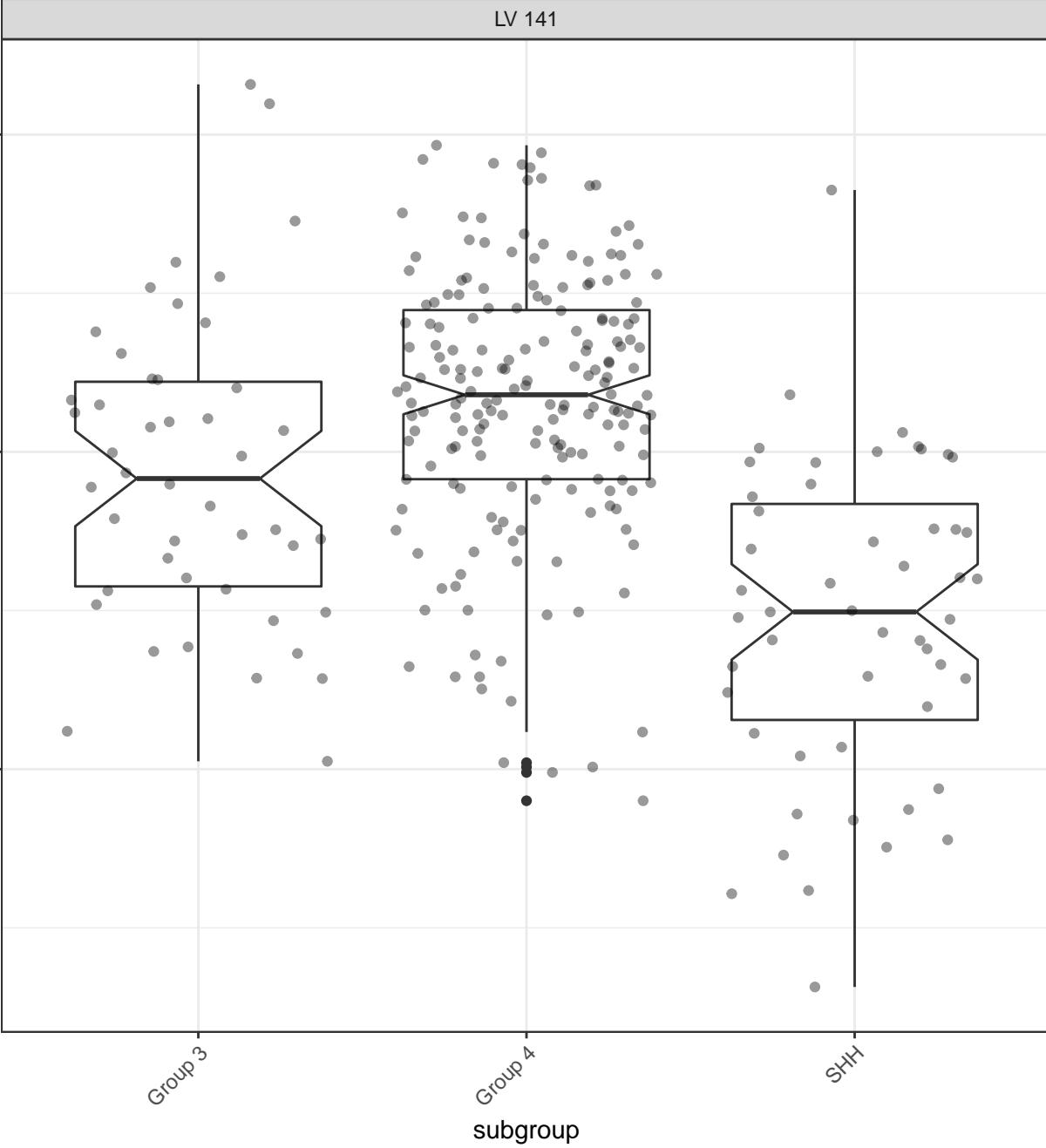
-0.05

Group 3

Group 4

SHH

subgroup



Value

0.2

0.1

0.0

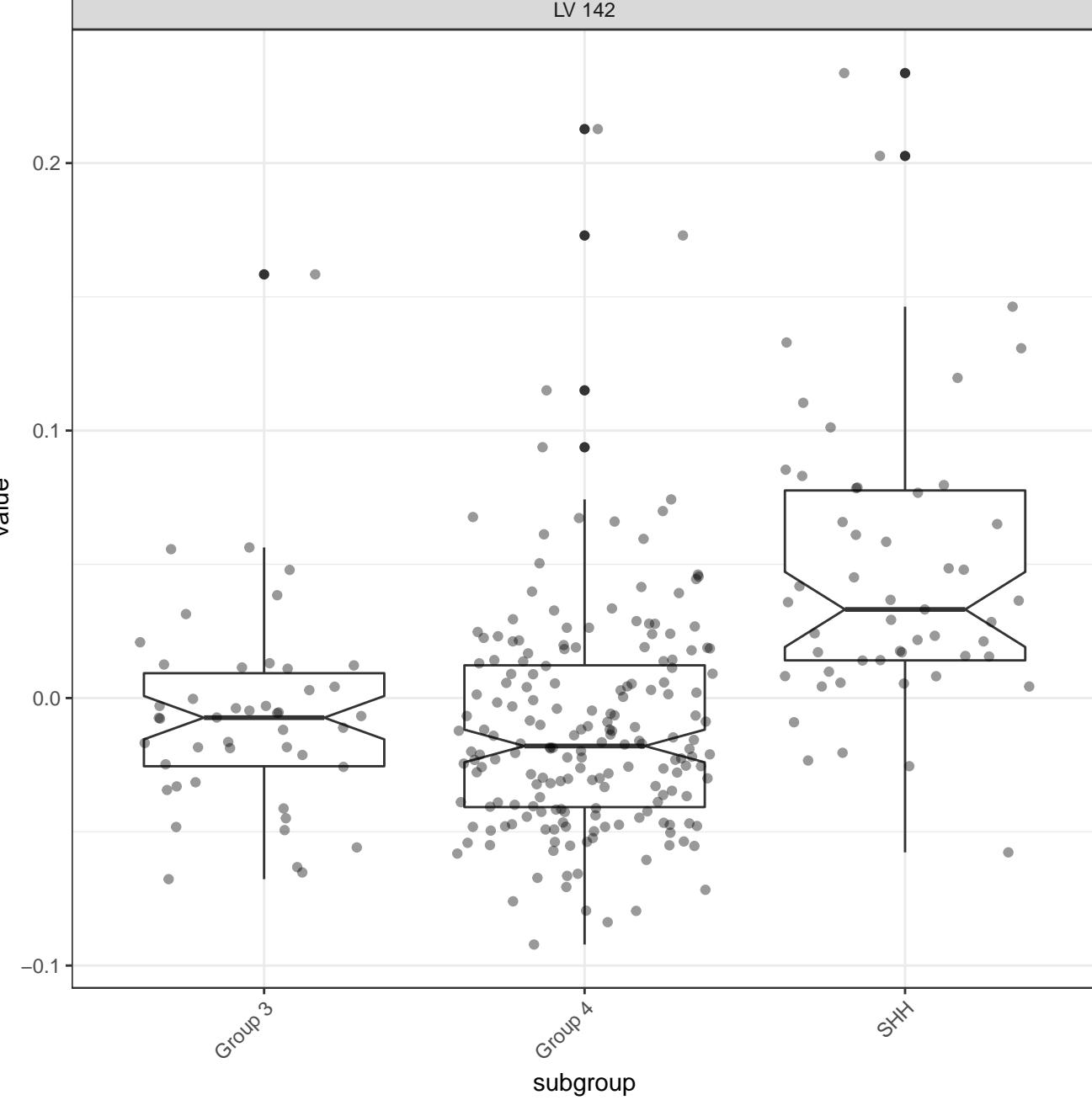
-0.1

Group³

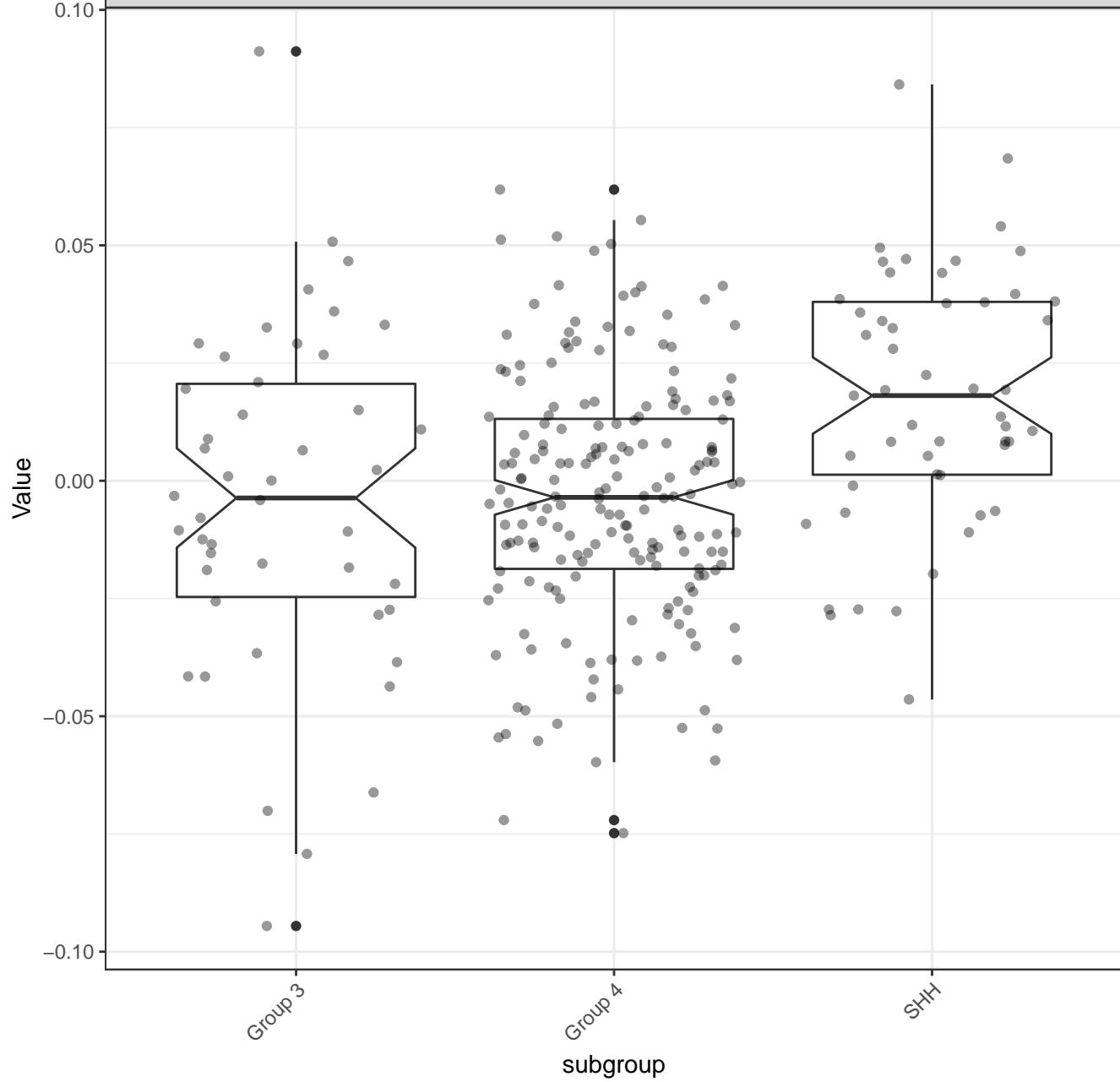
subgroup

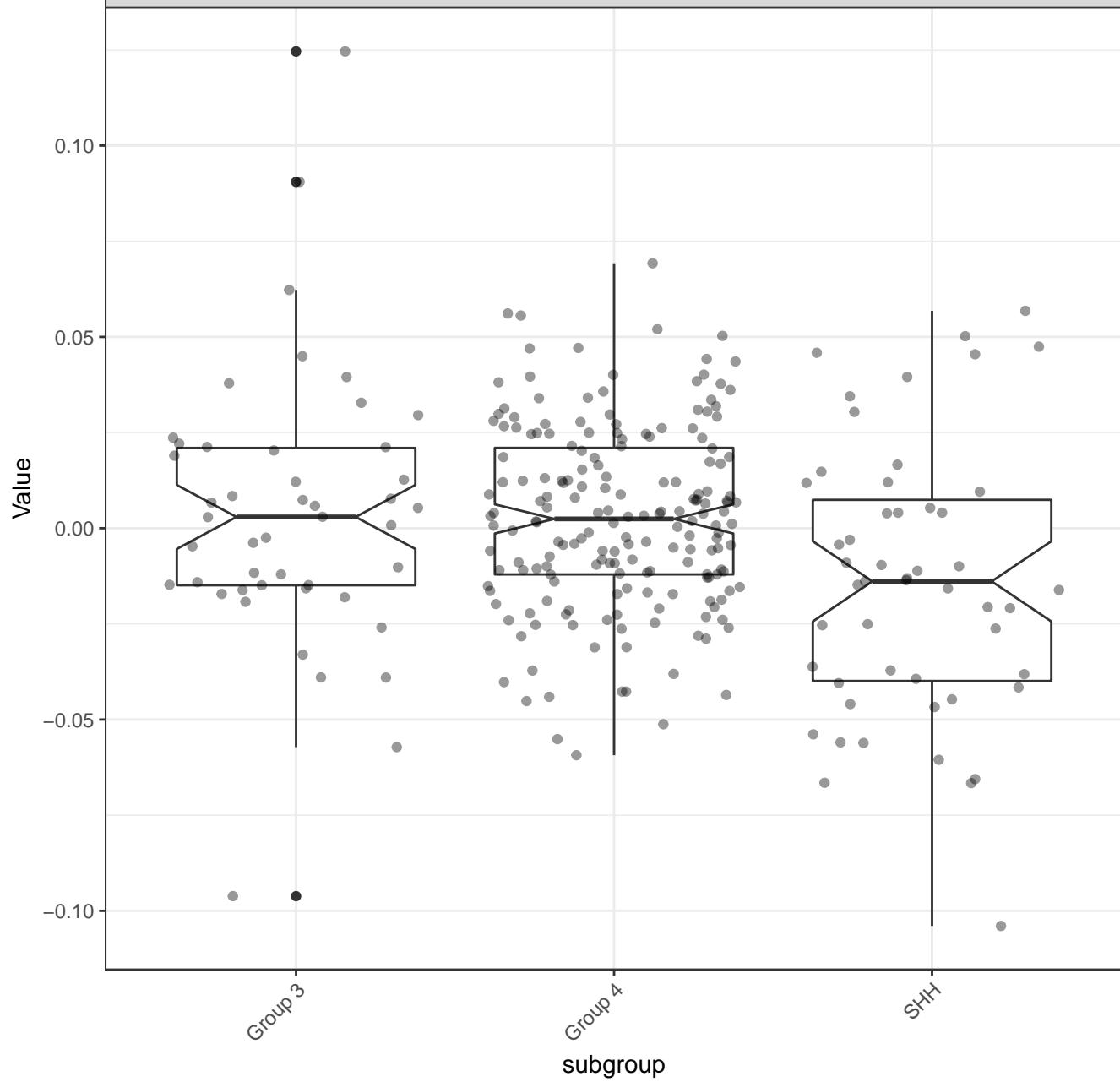
Group⁴

SHH



LV 143





Value

0.10

0.05

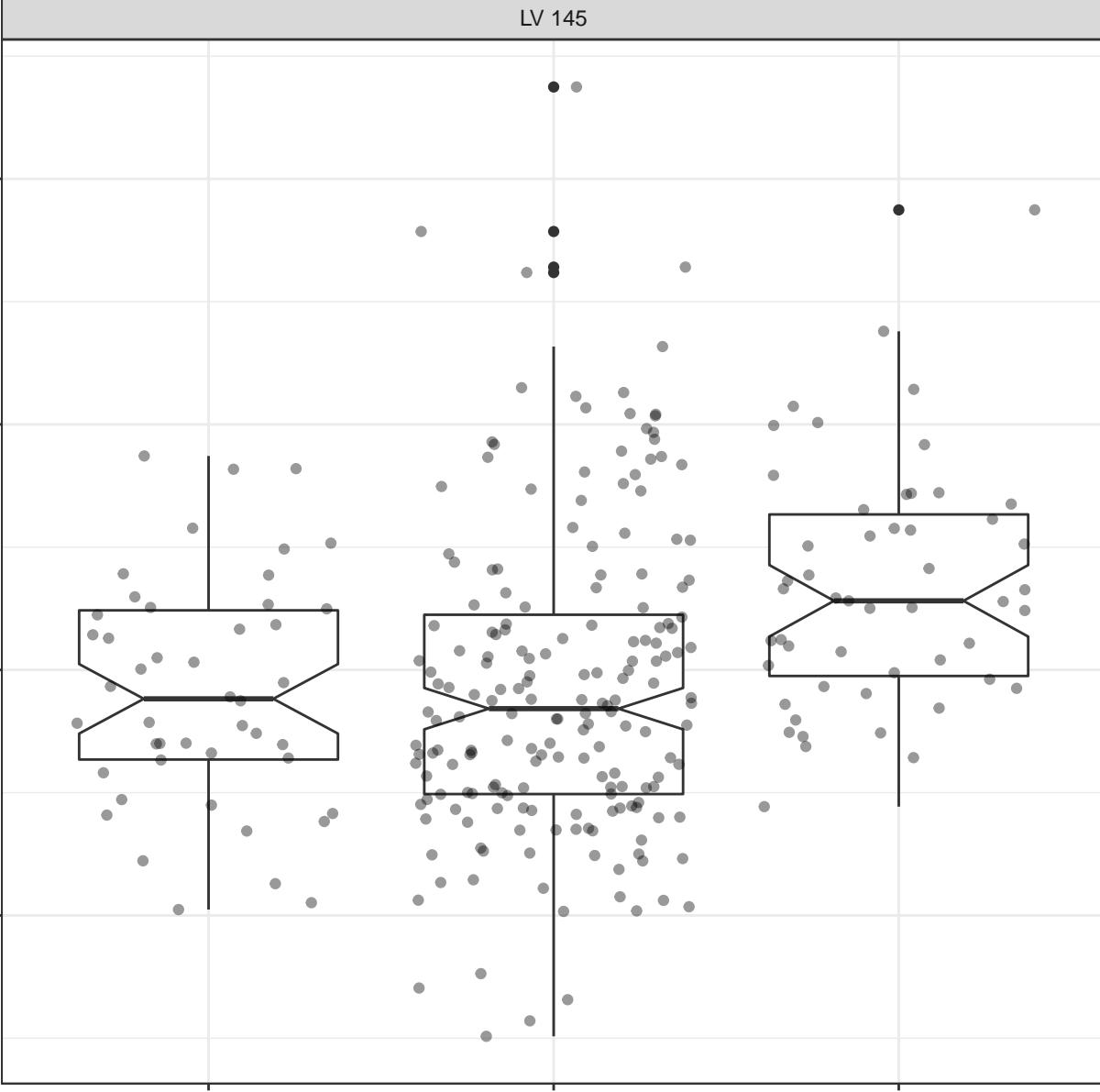
0.00

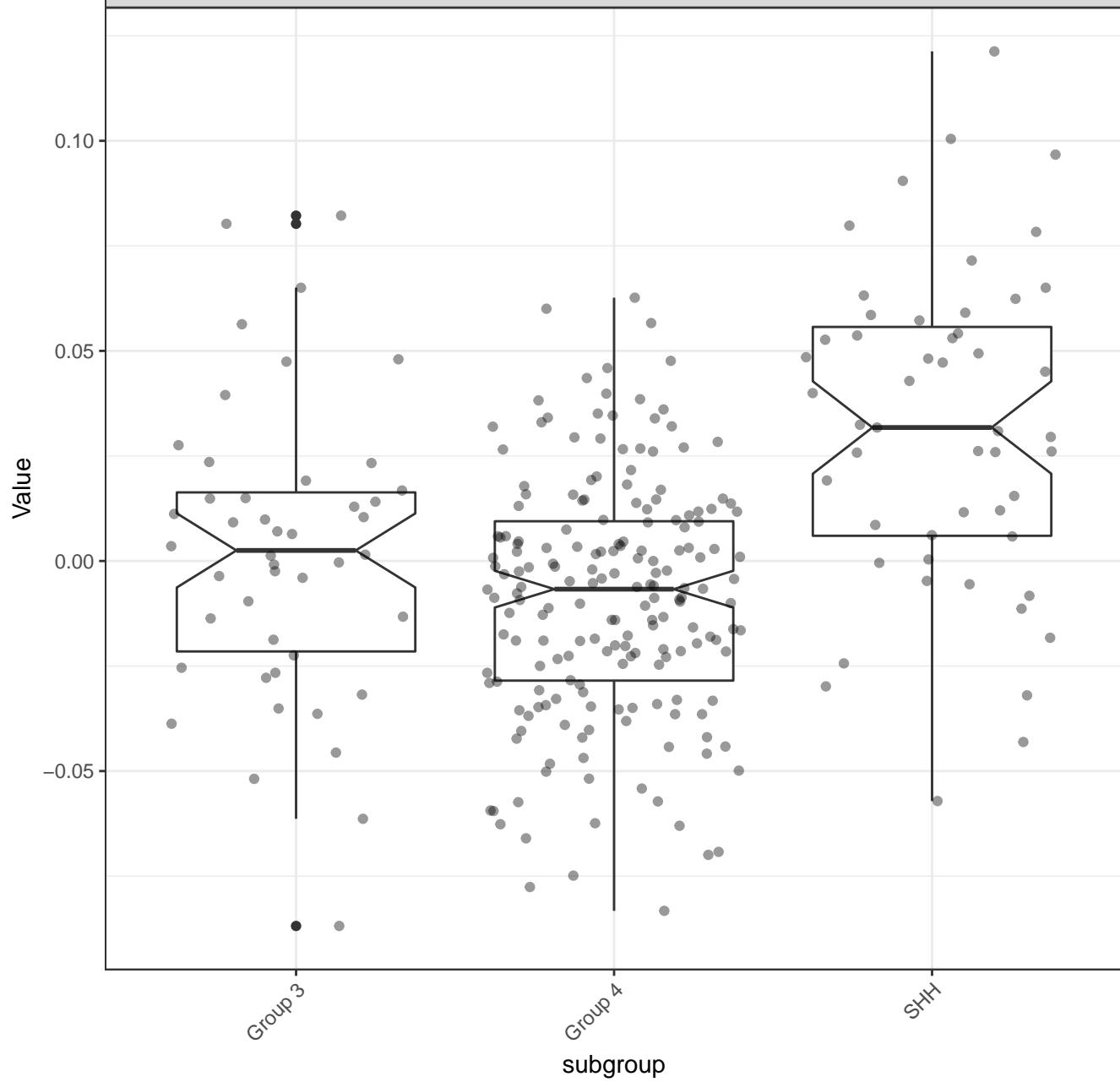
-0.05

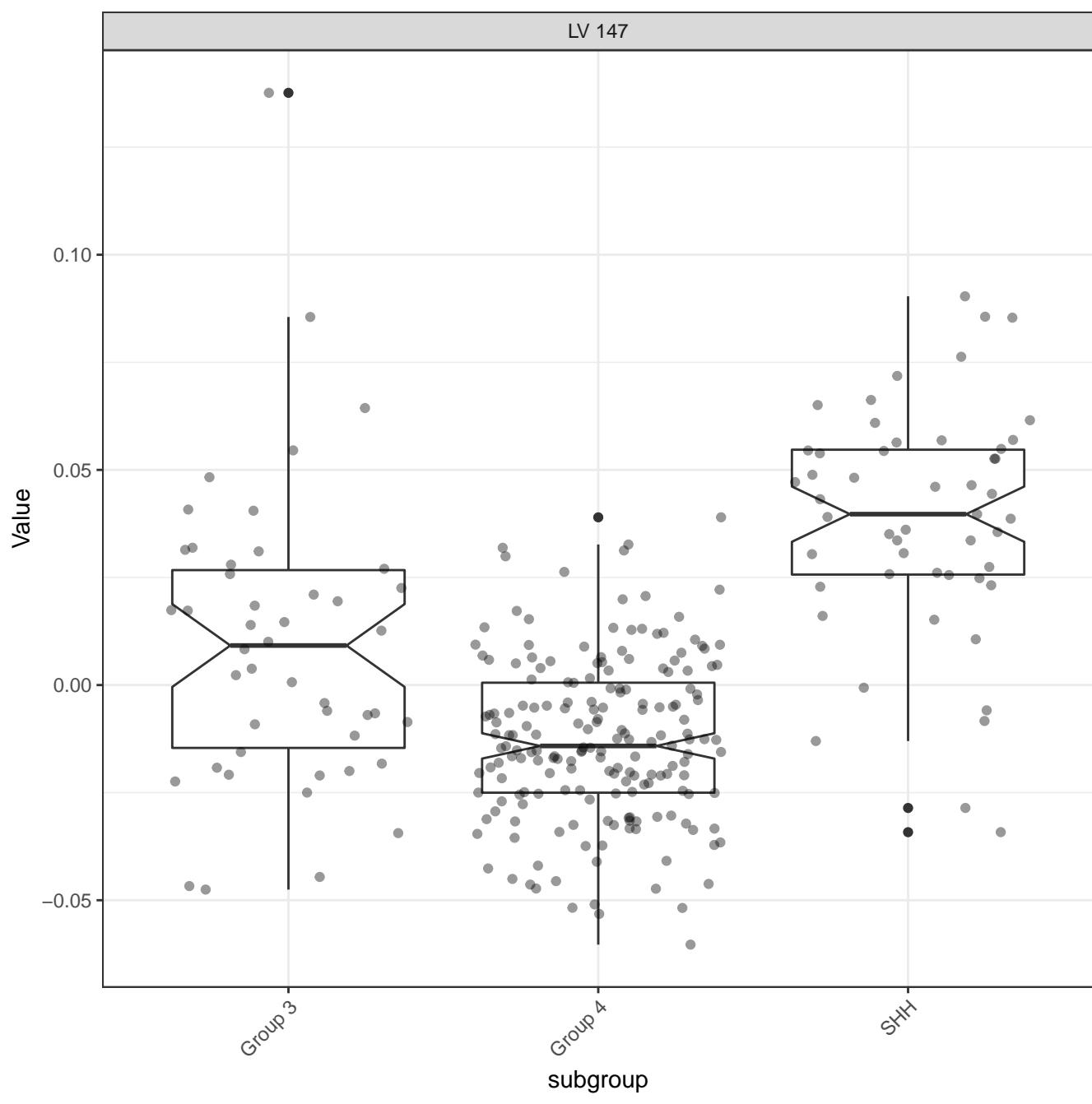
Group 3

subgroup

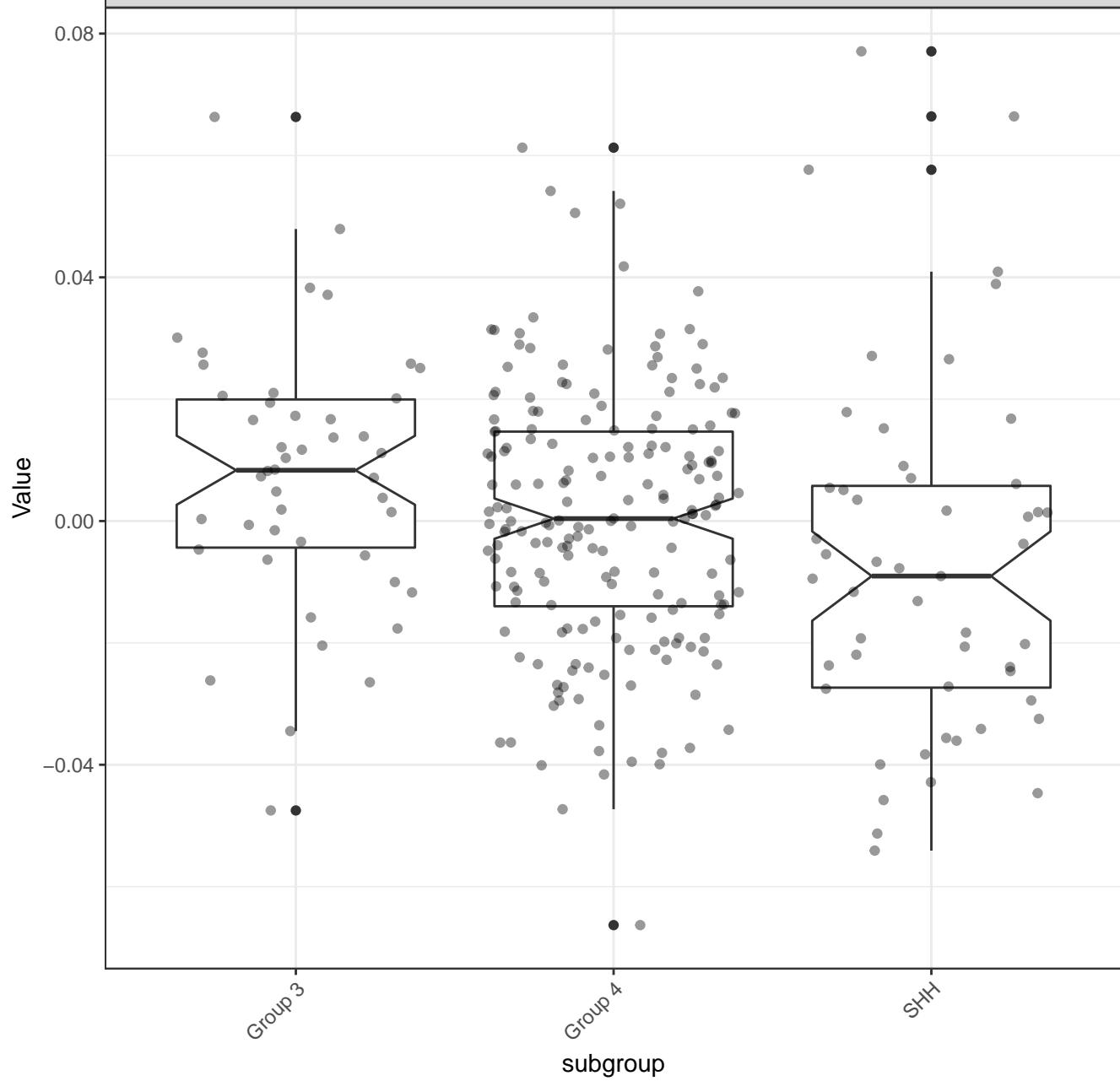
SHH



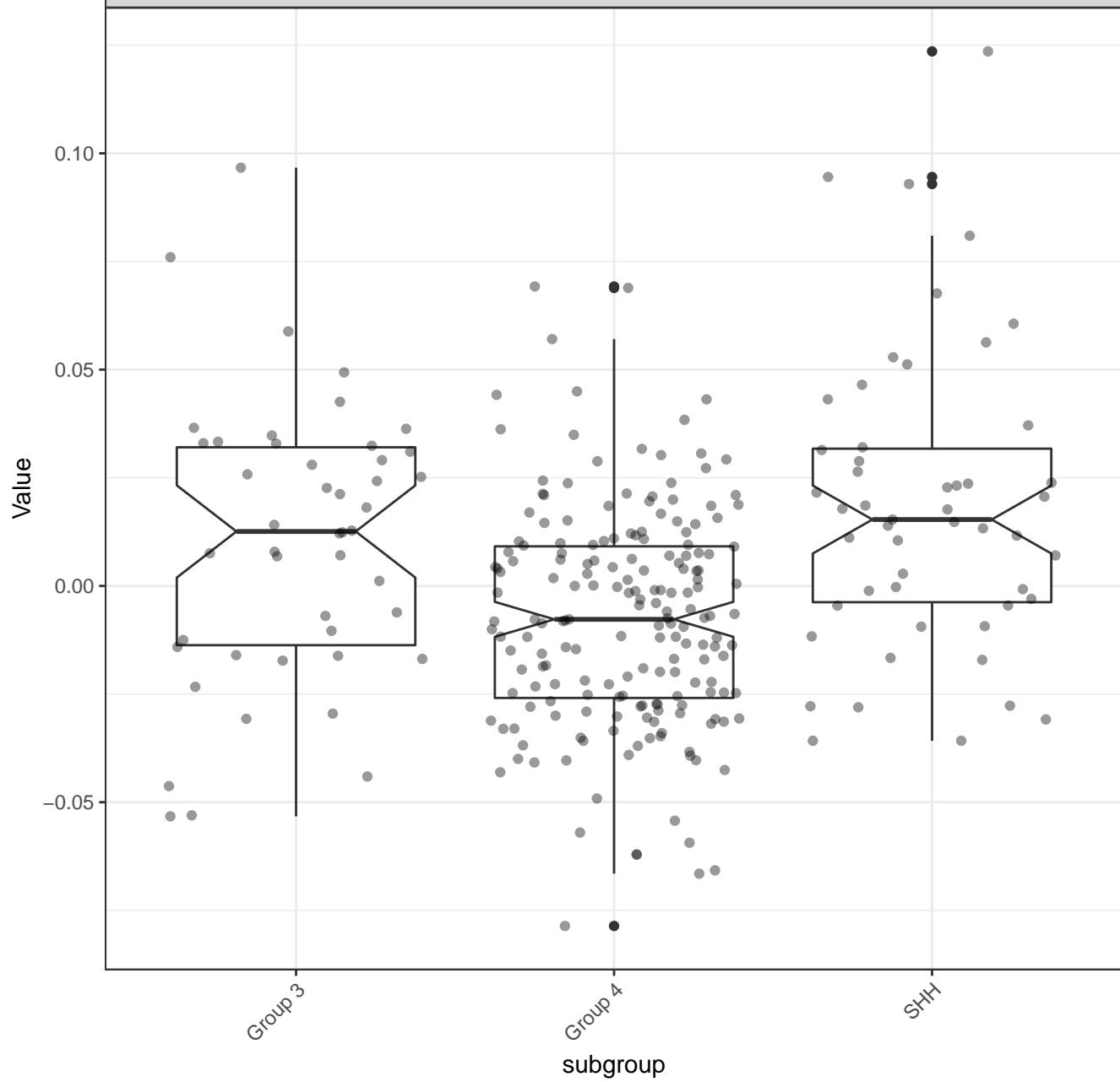




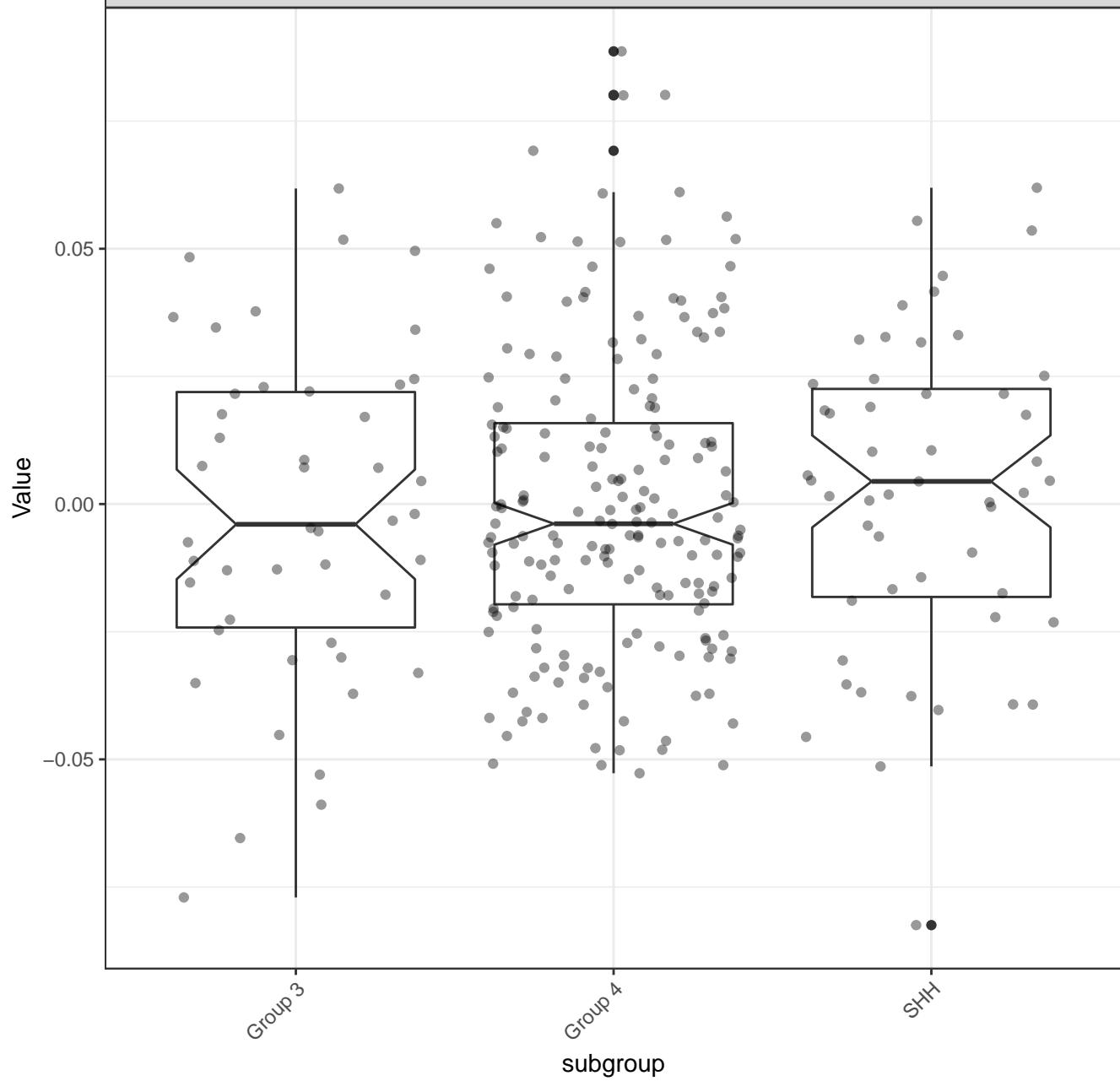
LV 148

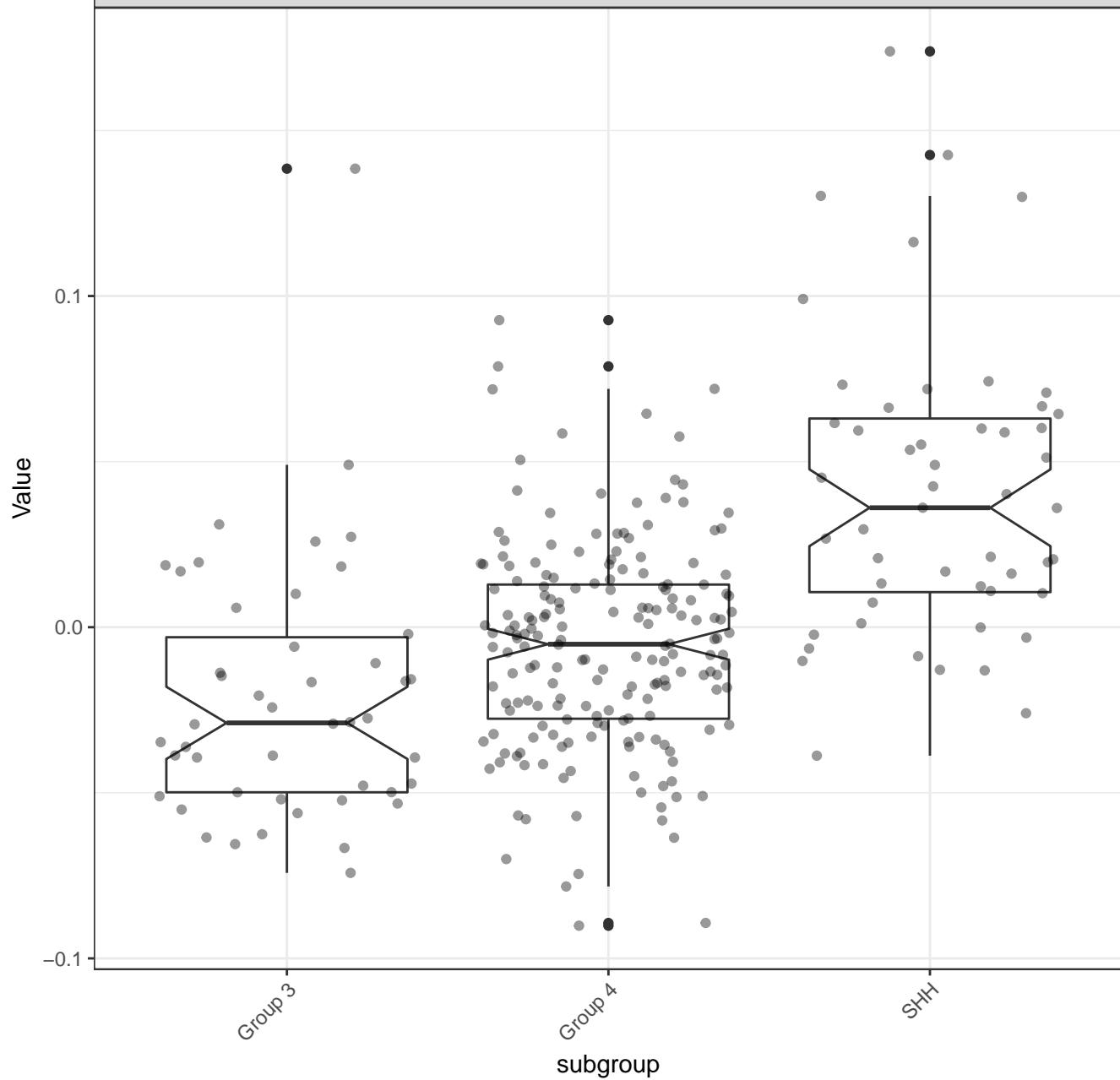


LV 149



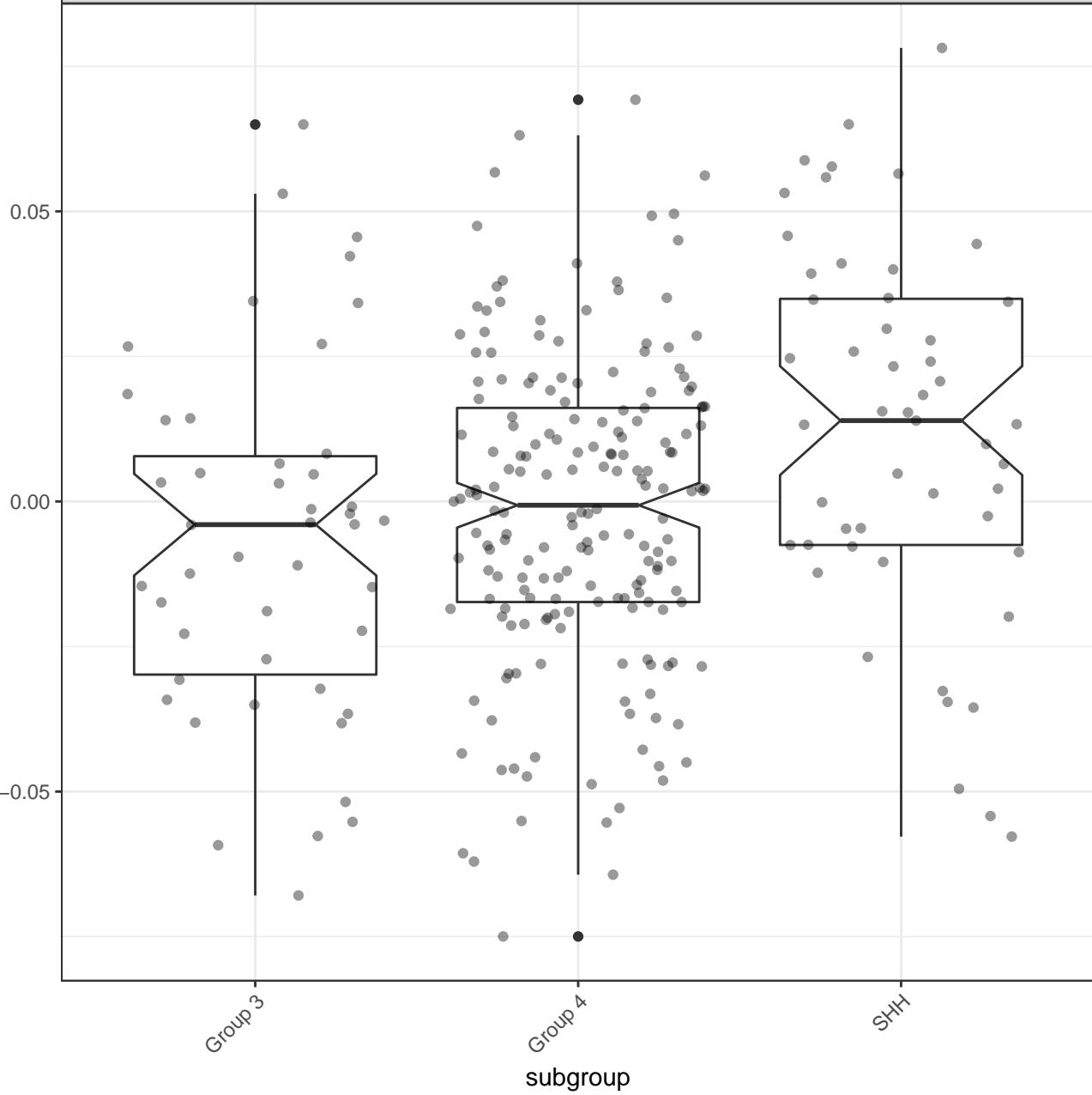
LV 150





LV 152

Value



LV 153

Value

0.10

0.05

0.00

-0.05

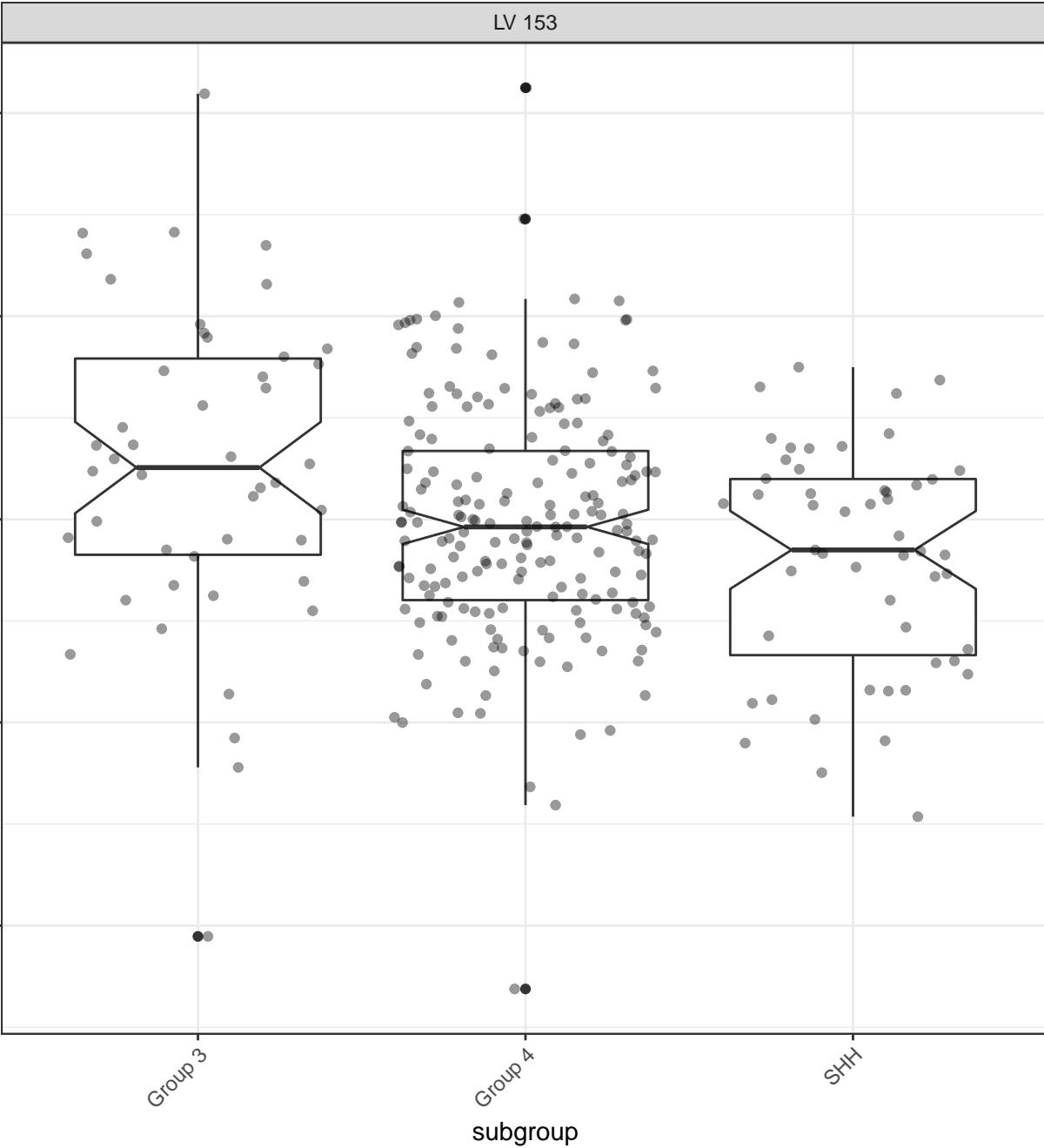
-0.10

Group 3

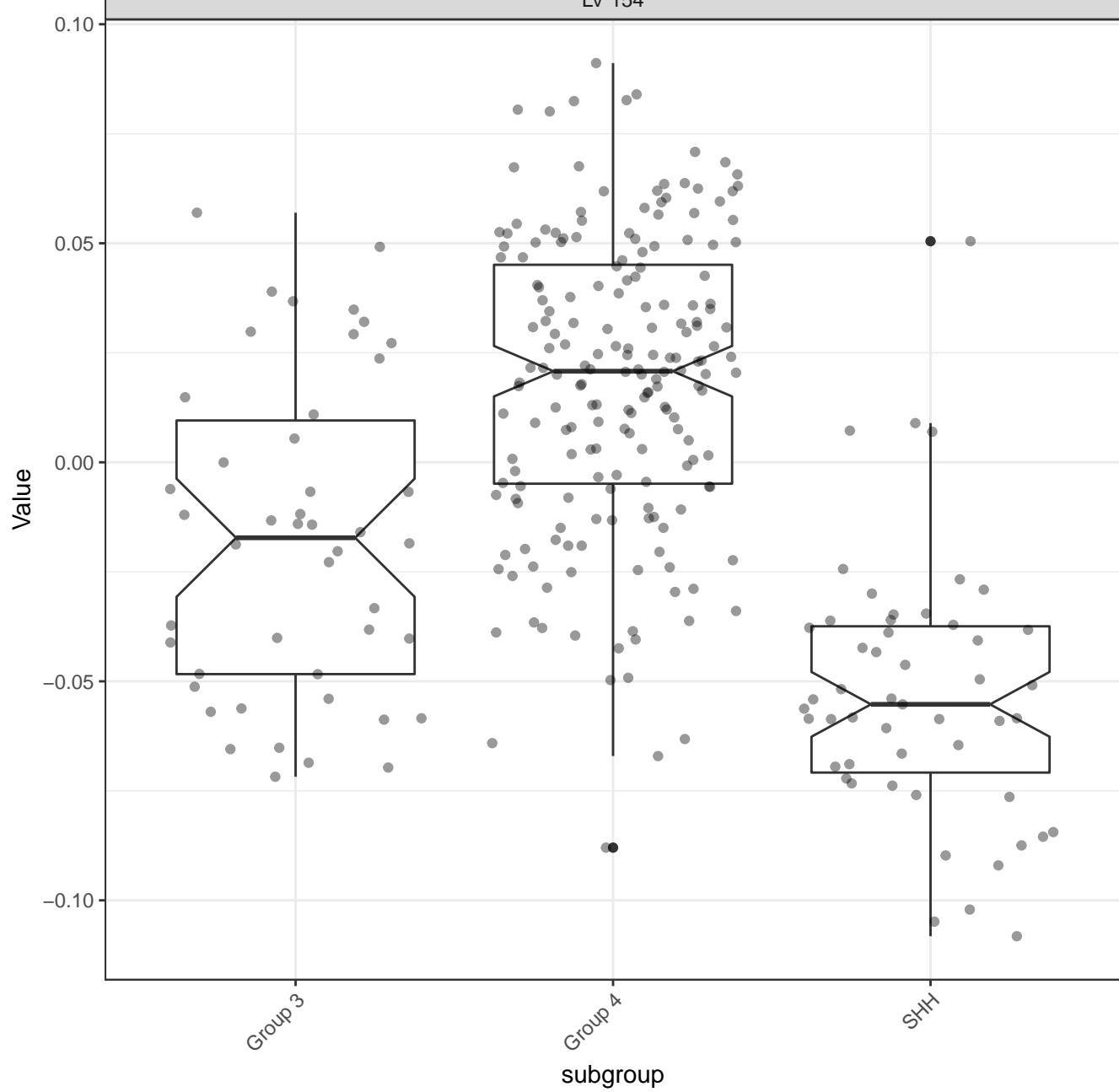
Group 4

SHH

subgroup



LV 154



LV 155

Value

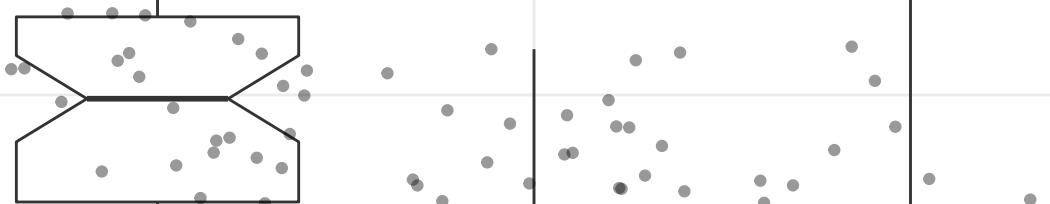
0.10
0.05
0.00
-0.05
-0.10

Group 3

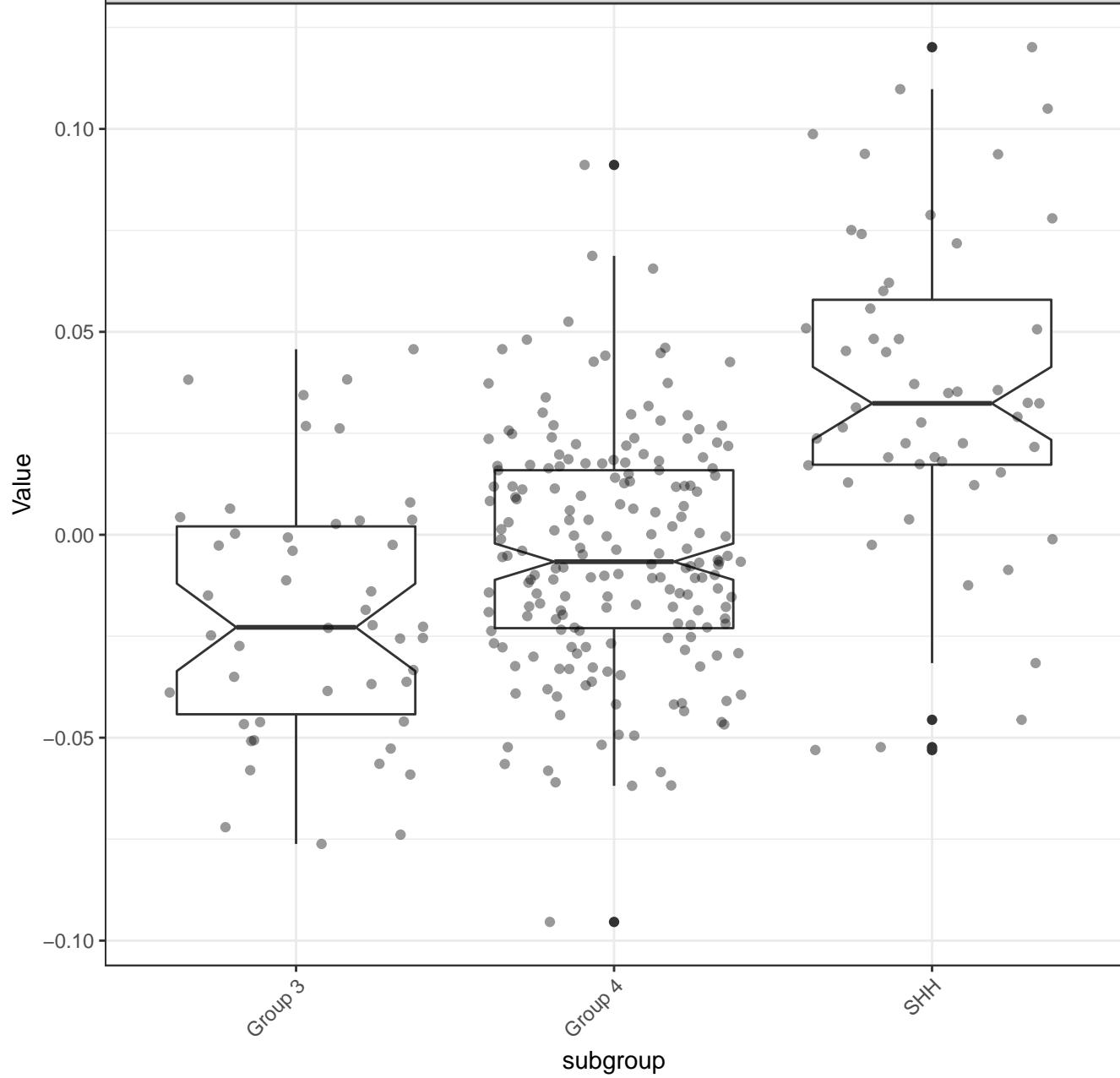
Group 4

SHH

subgroup



LV 156



LV 157

Value

0.05

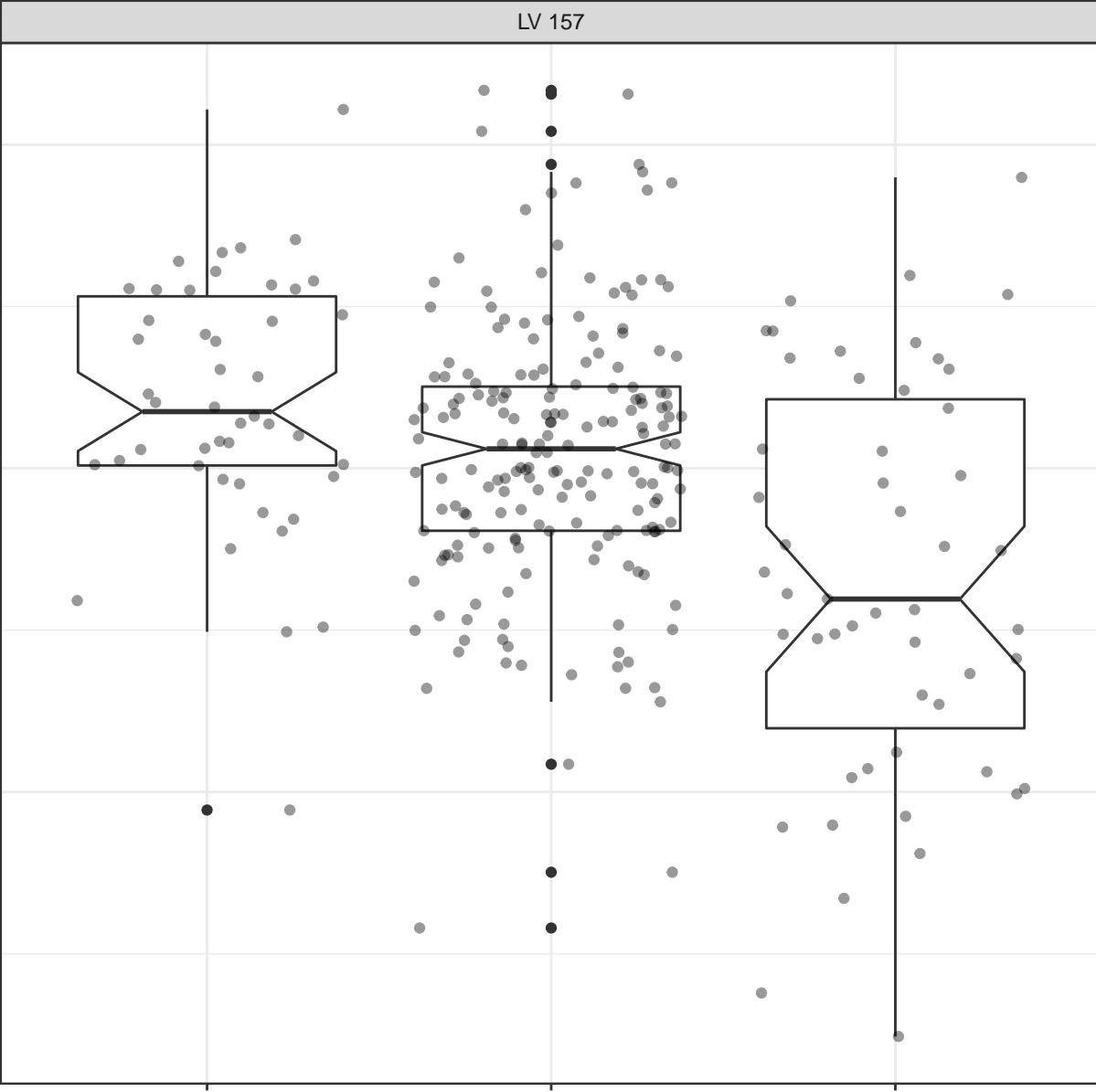
0.00

-0.05

Group 3

subgroup

SHH



LV 158

Value

0.10

0.05

0.00

-0.05

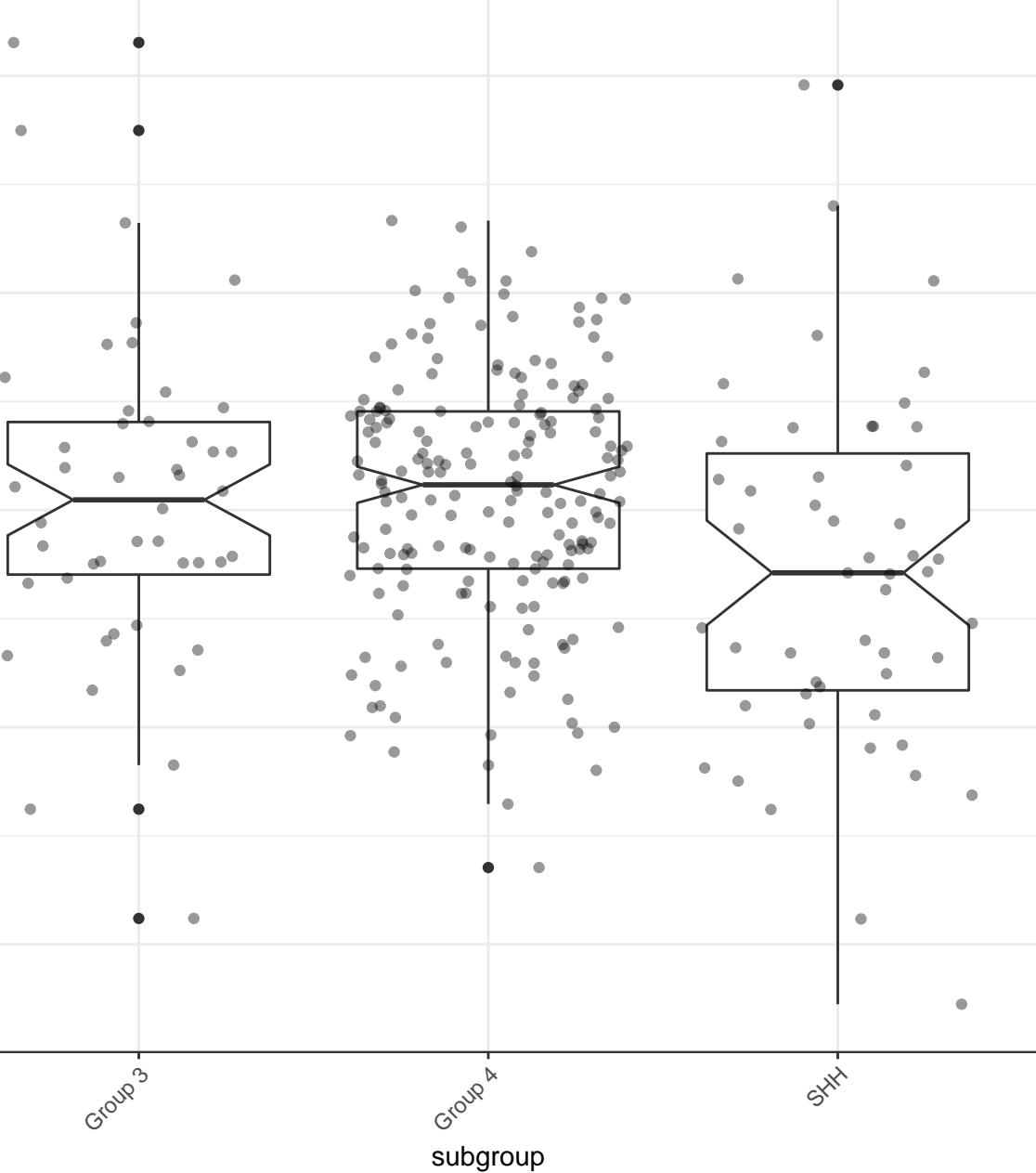
-0.10

Group 3

subgroup

Group 4

SHH



LV 159

Value

0.3

0.2

0.1

0.0

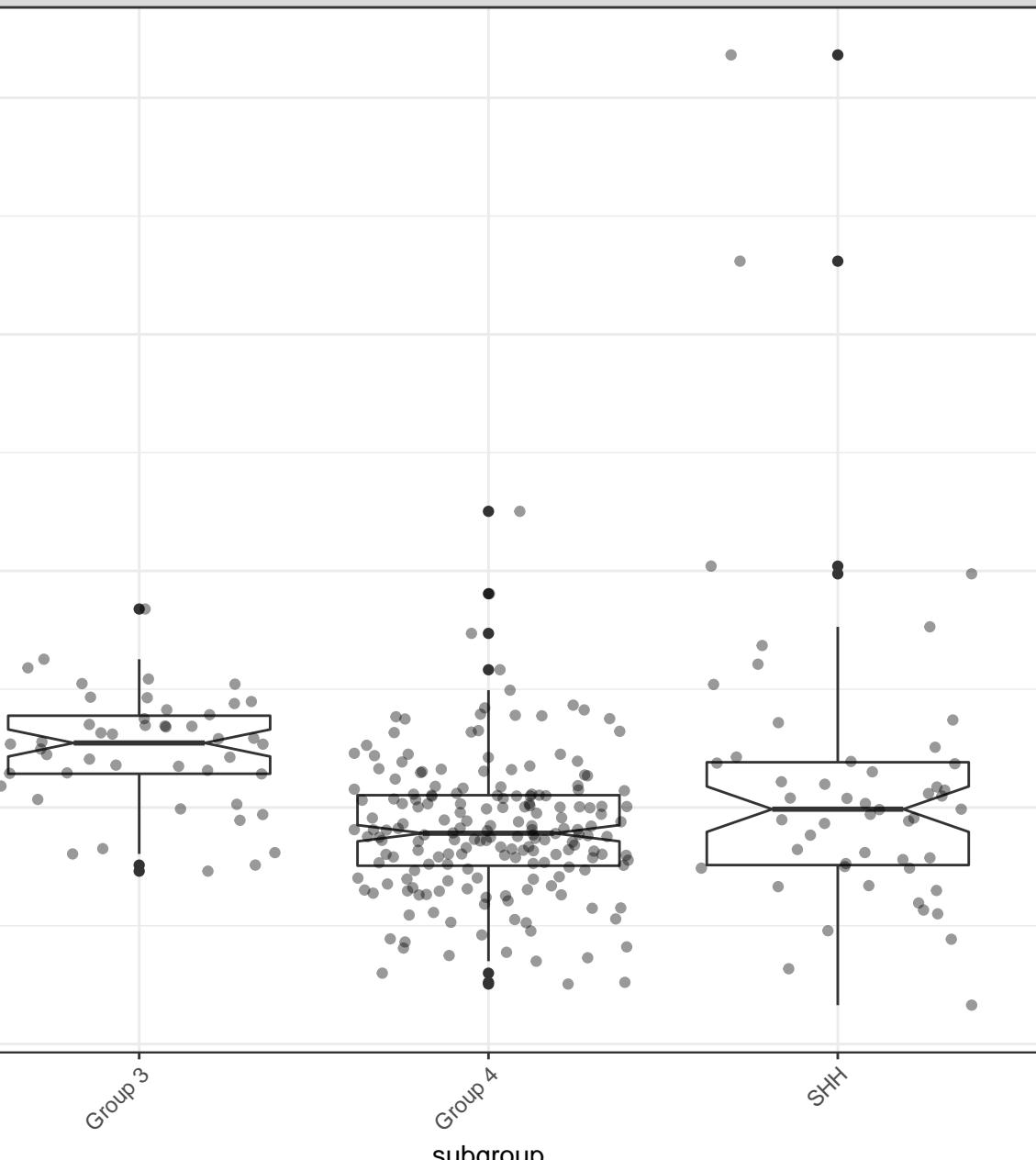
-0.1

Group 3

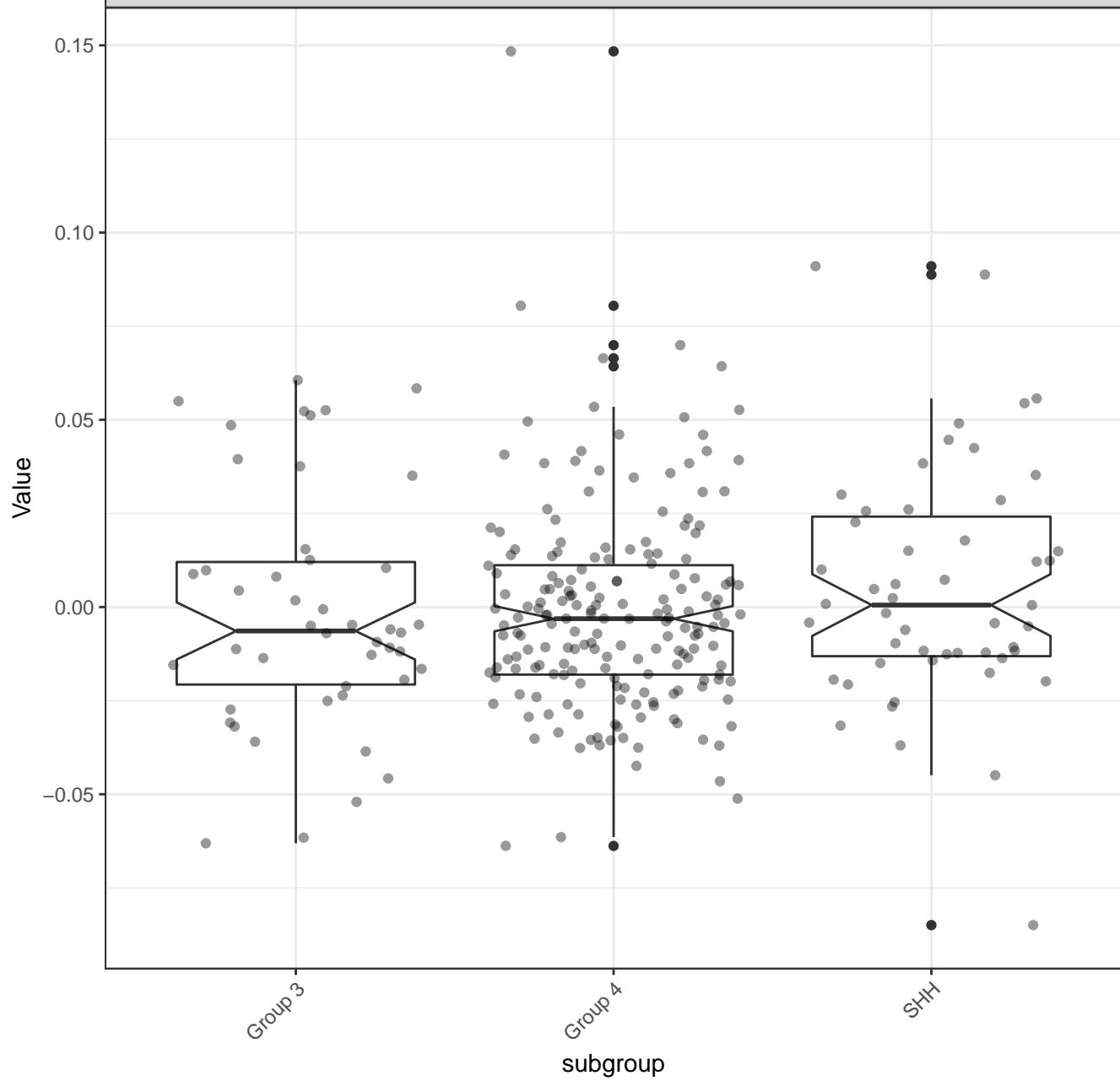
Group 4

SHH

subgroup

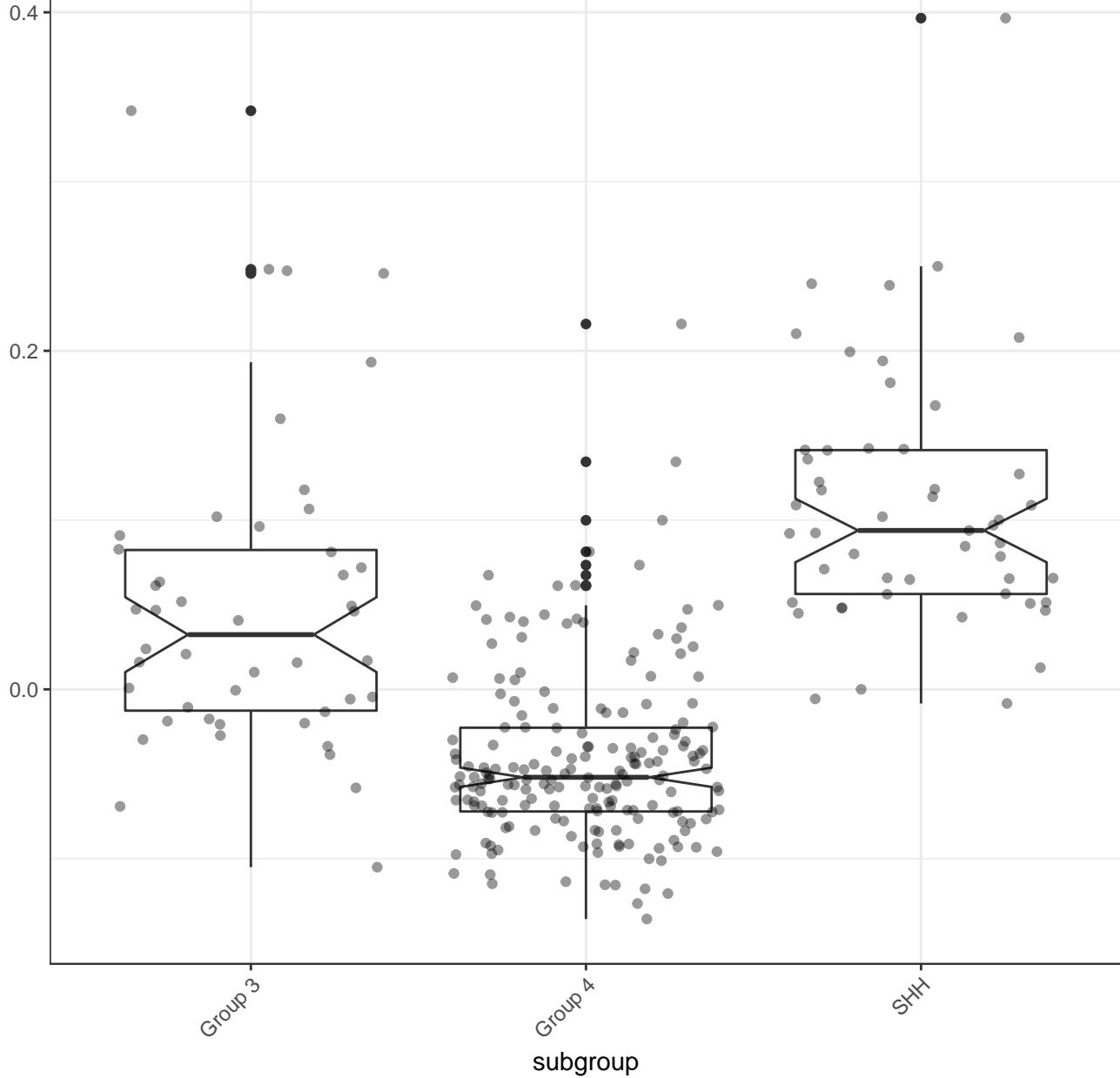


LV 160

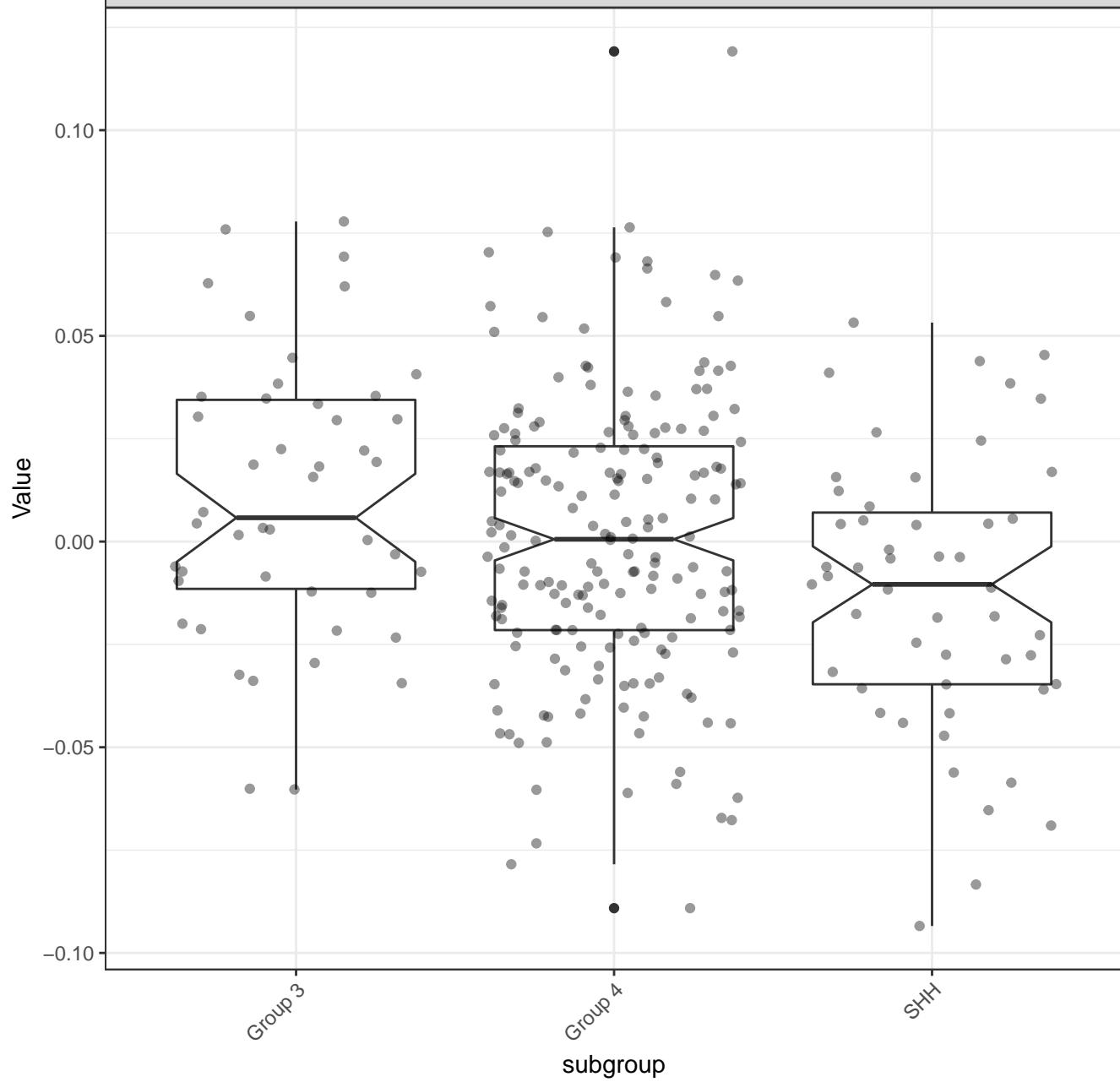


161,REACTOME_TRNA_AMINOACYLATION

Value



LV 162



LV 163

Value

0.4

0.3

0.2

0.1

0.0

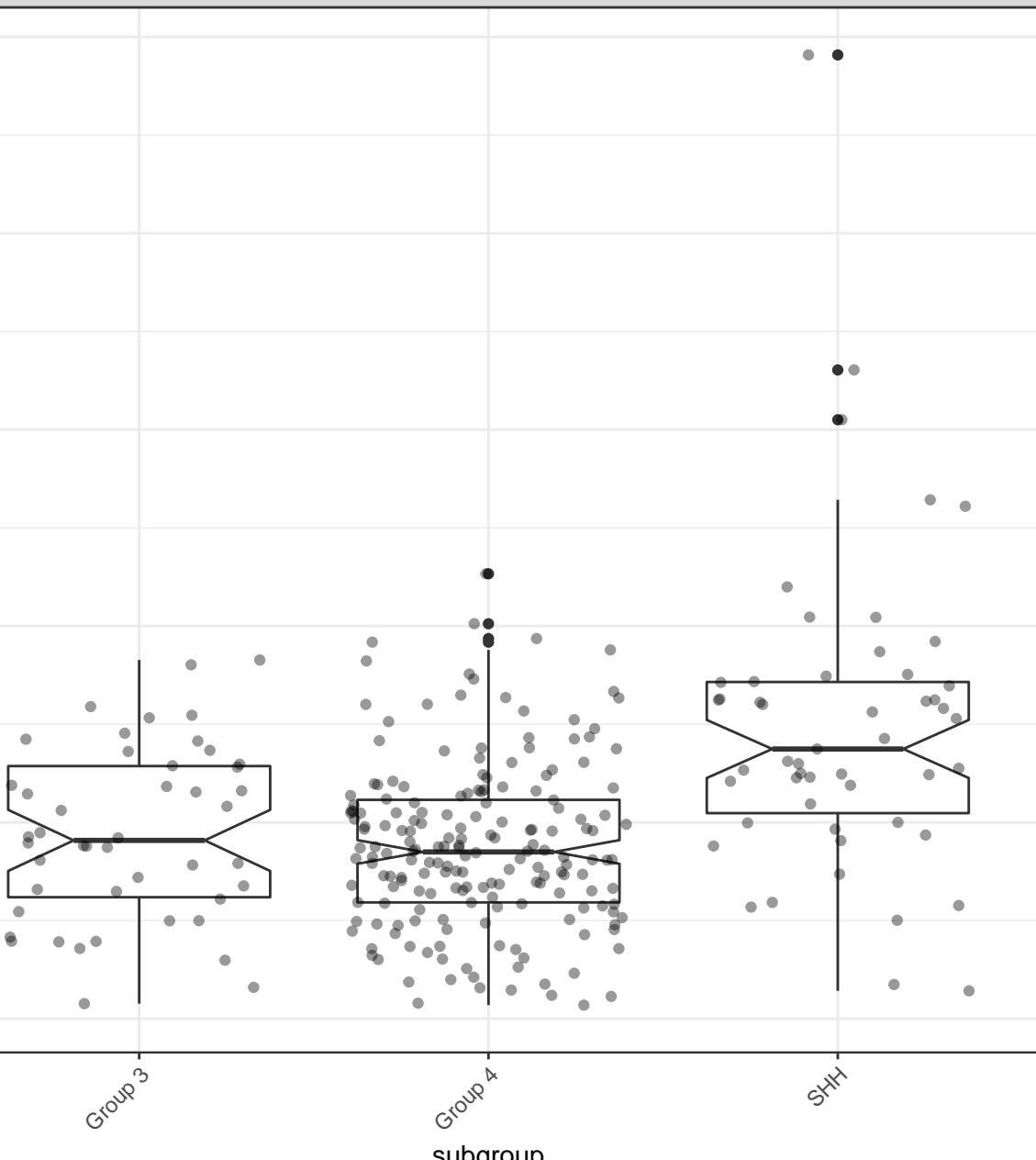
-0.1

Group³

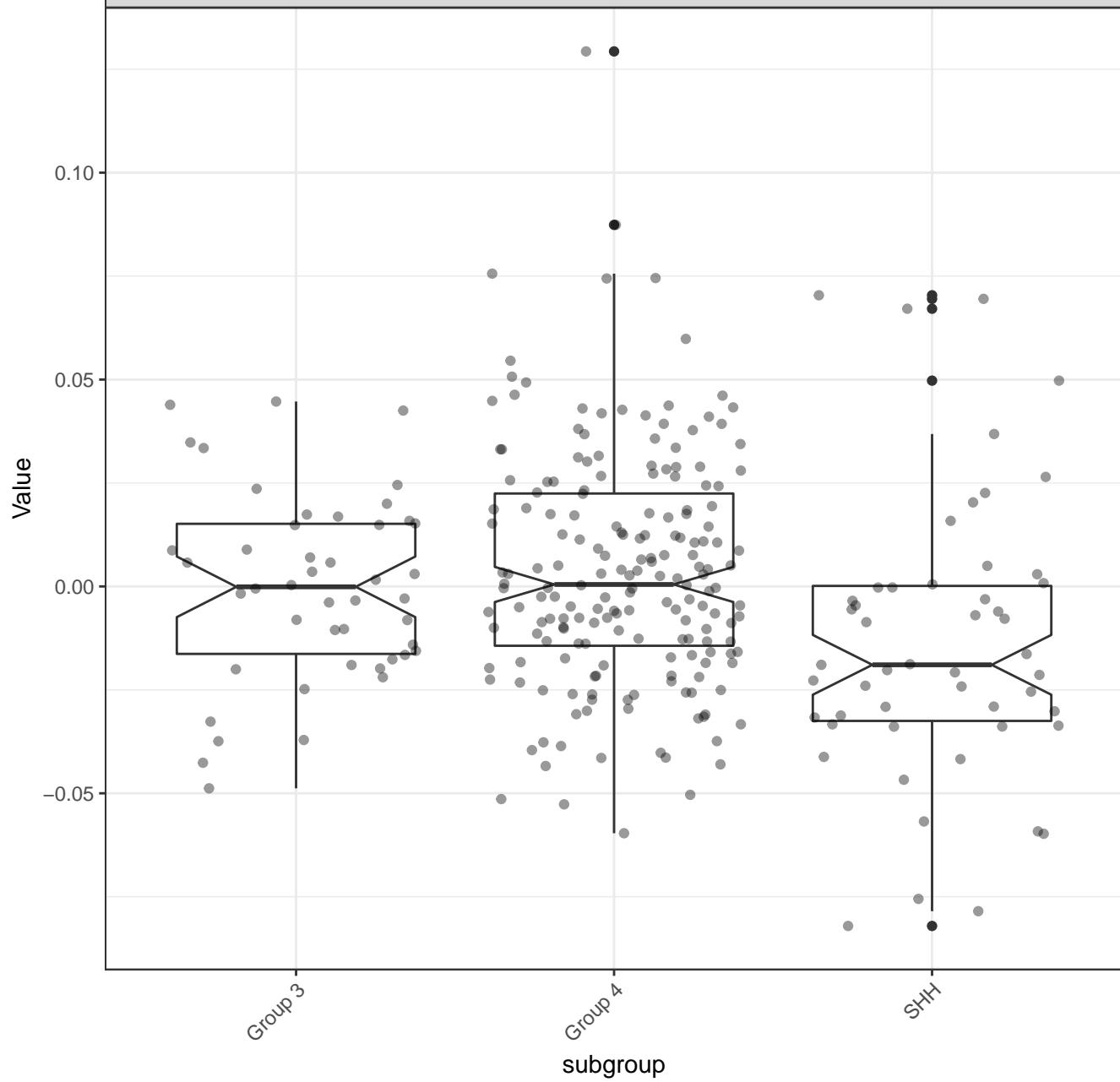
Group⁴

SHH

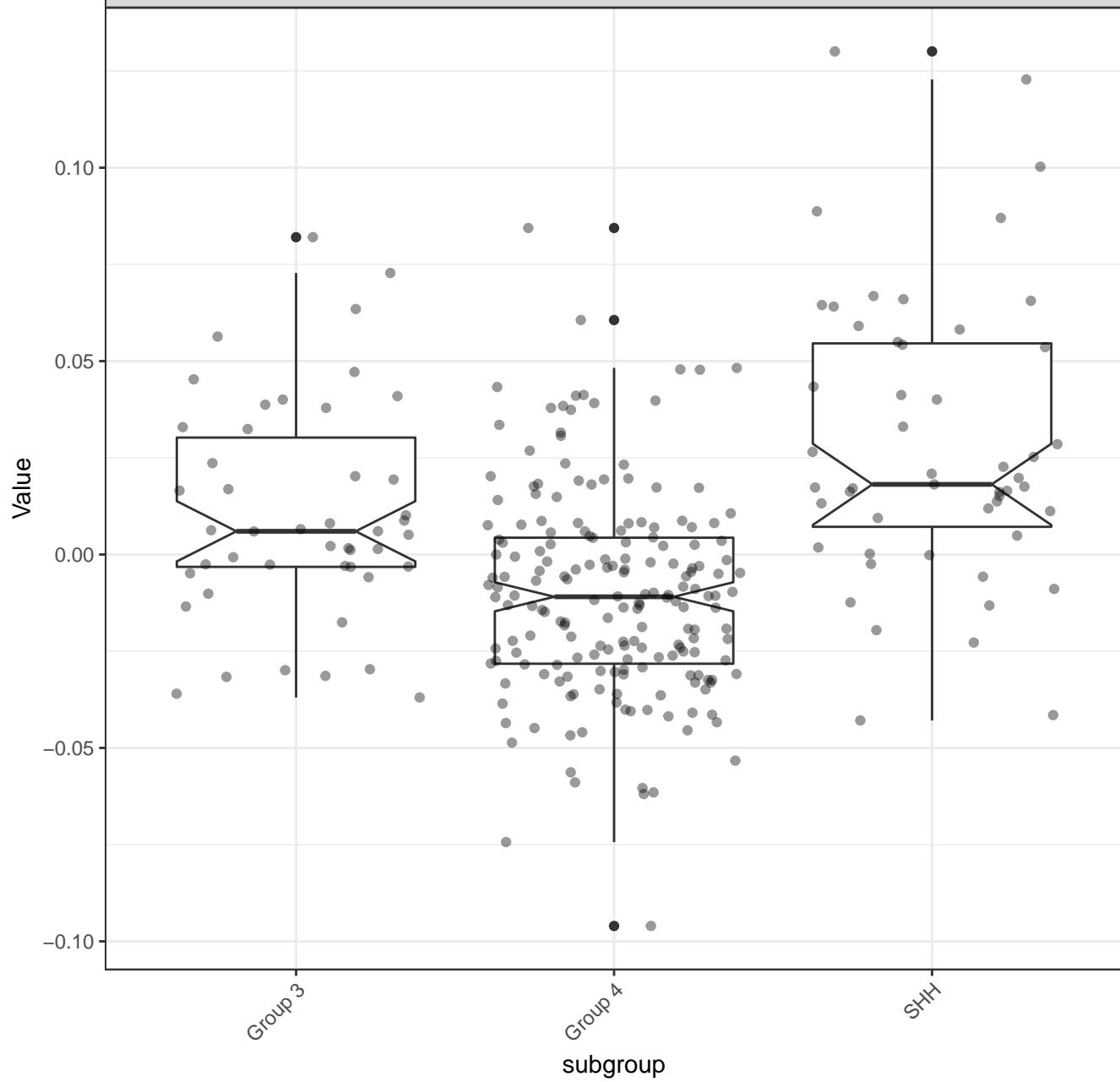
subgroup



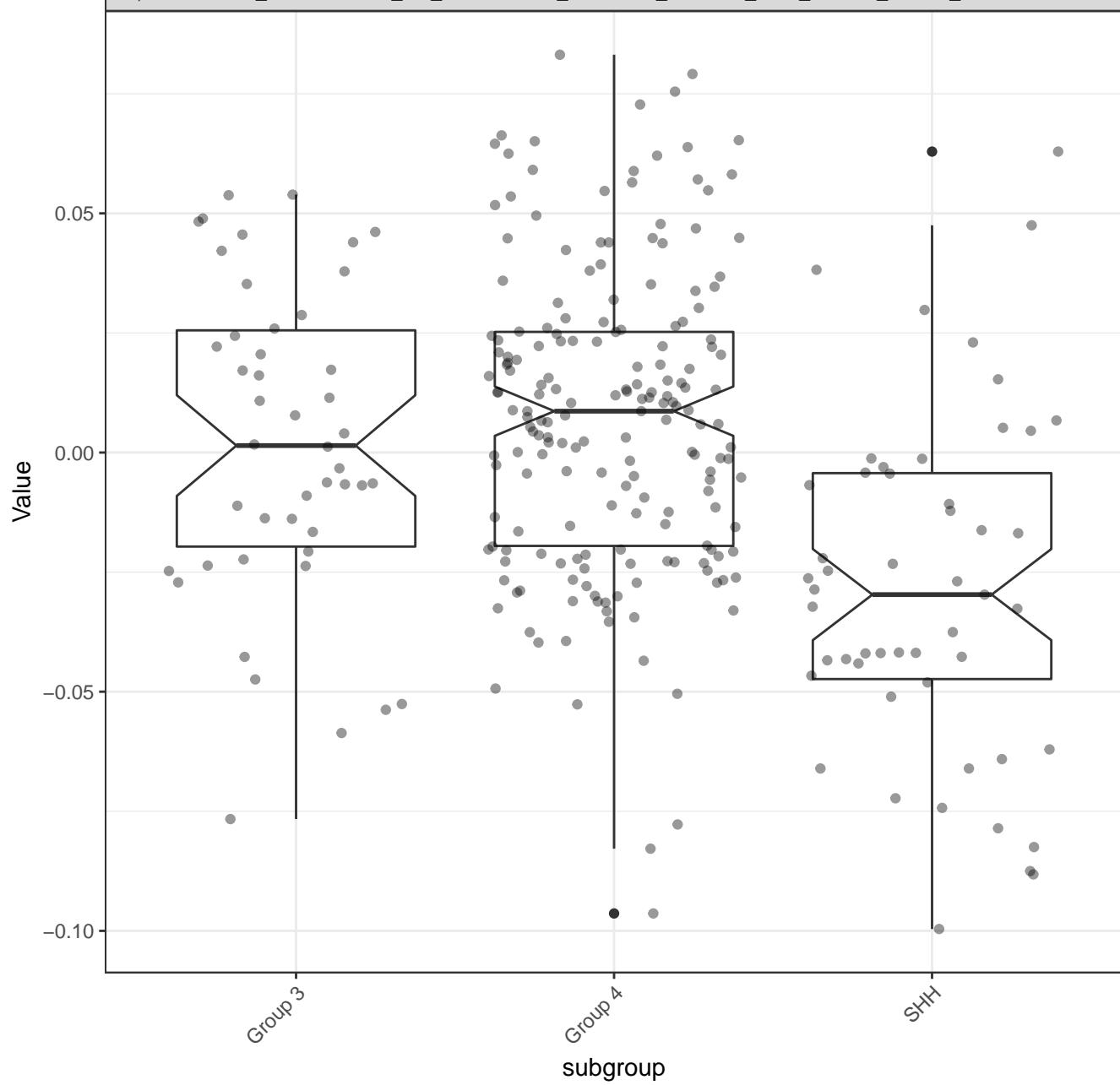
LV 164



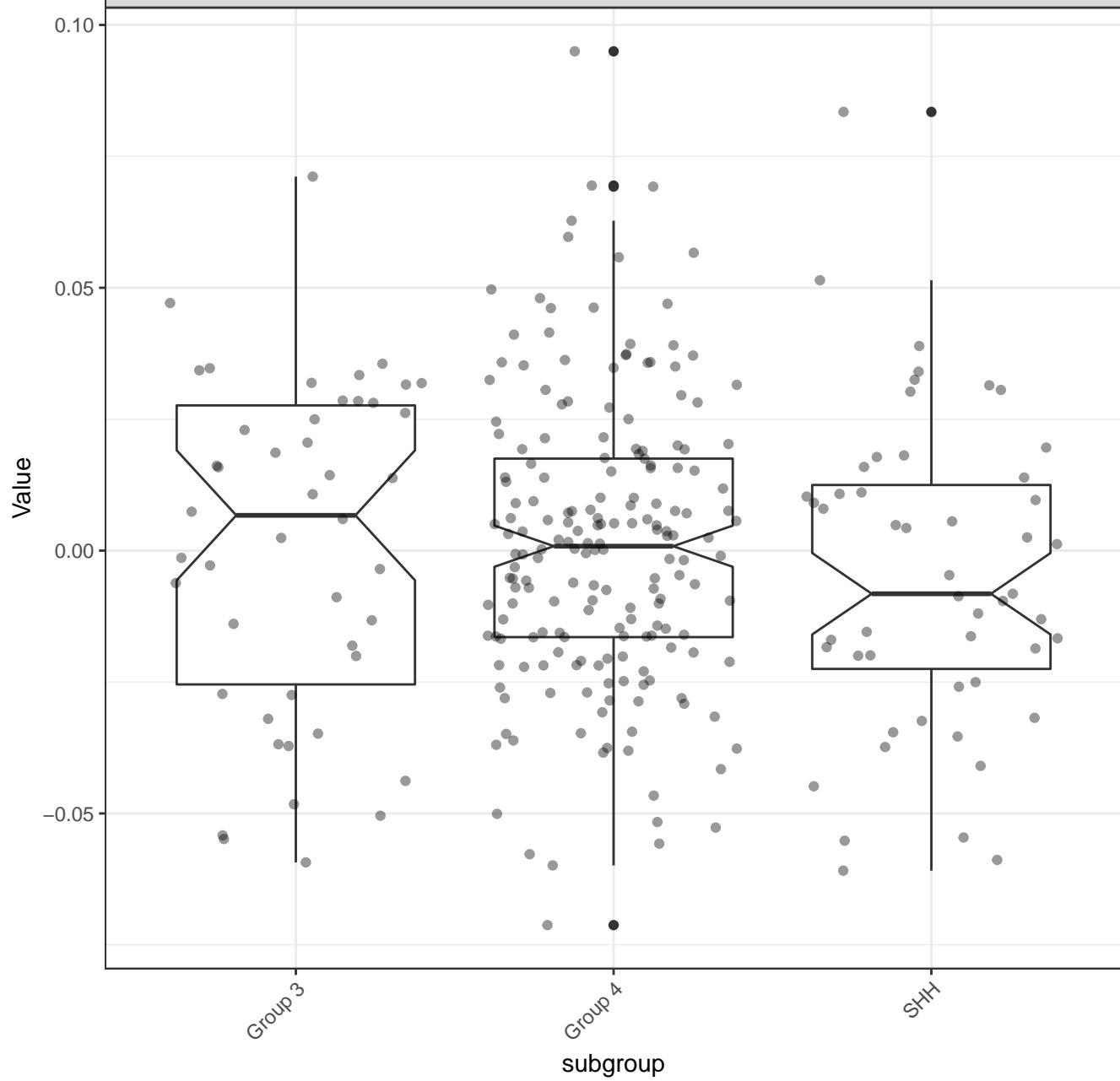
LV 165



166,REACTOME_TRANSPORT_OF_INORGANIC_CATIONS_ANIONS_AND_AMINO_ACIDS_OLIGOPEPTIDES



LV 167



LV 168

Value

0.15

0.10

0.05

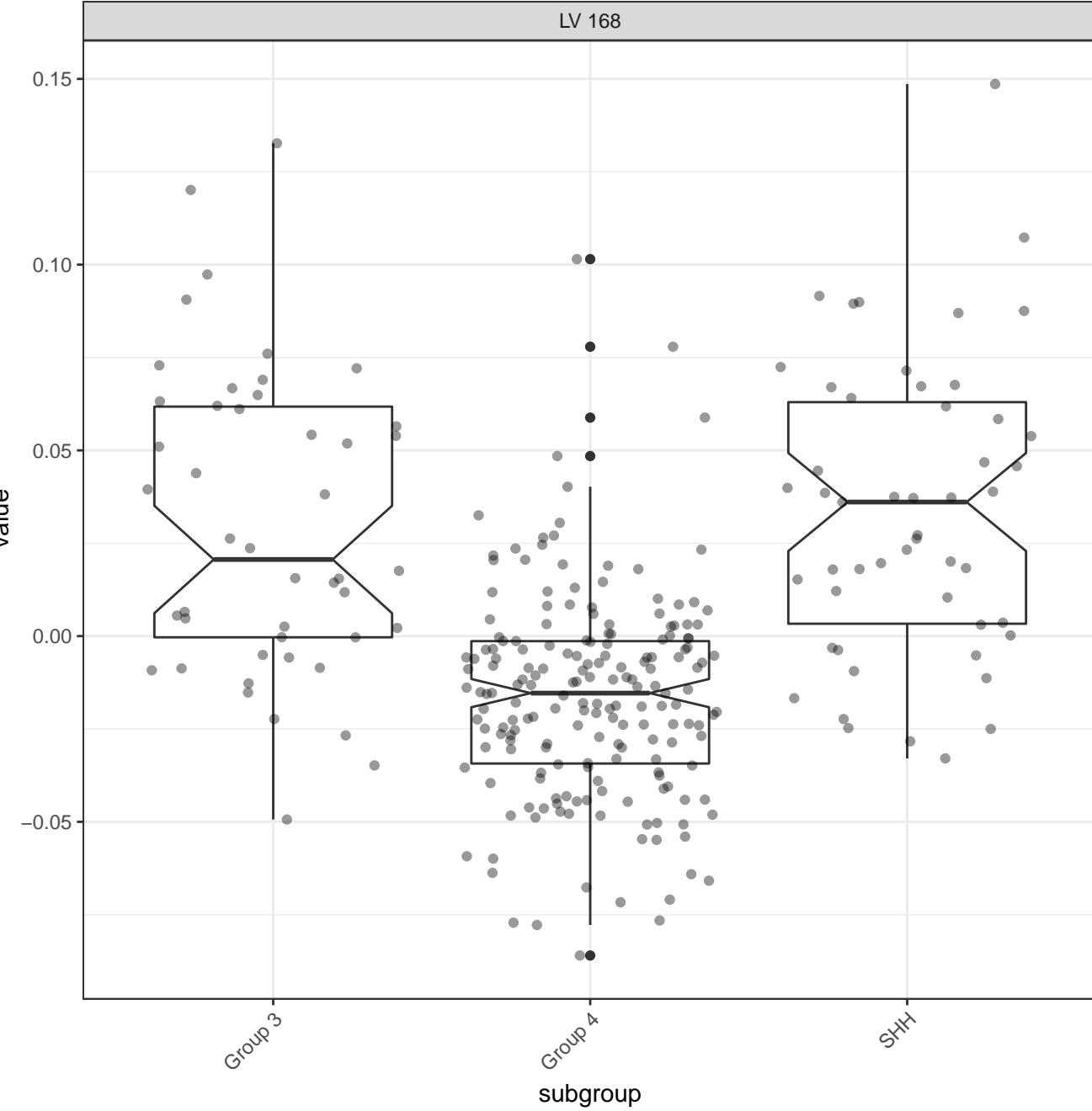
0.00

-0.05

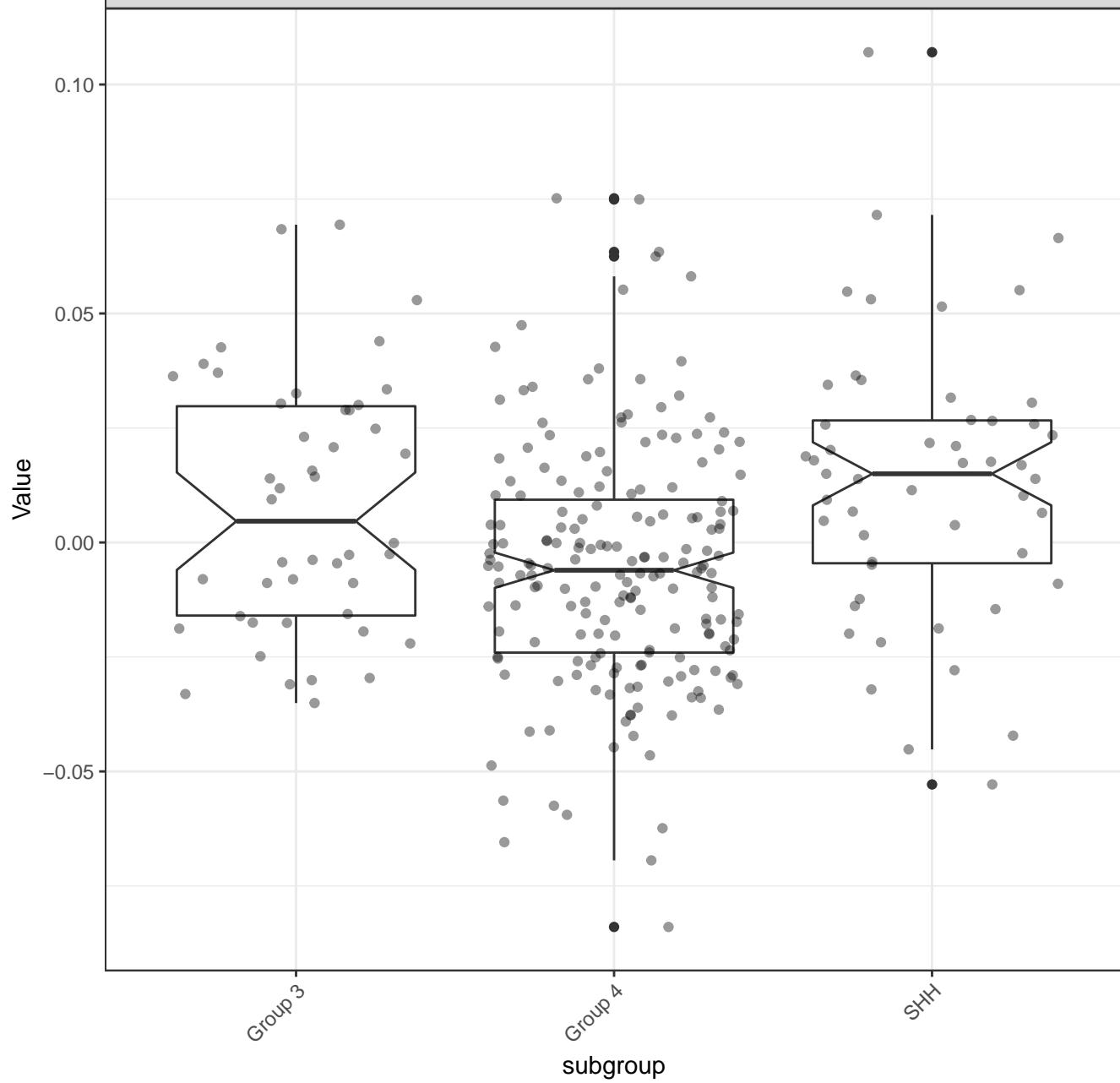
Group 3

subgroup

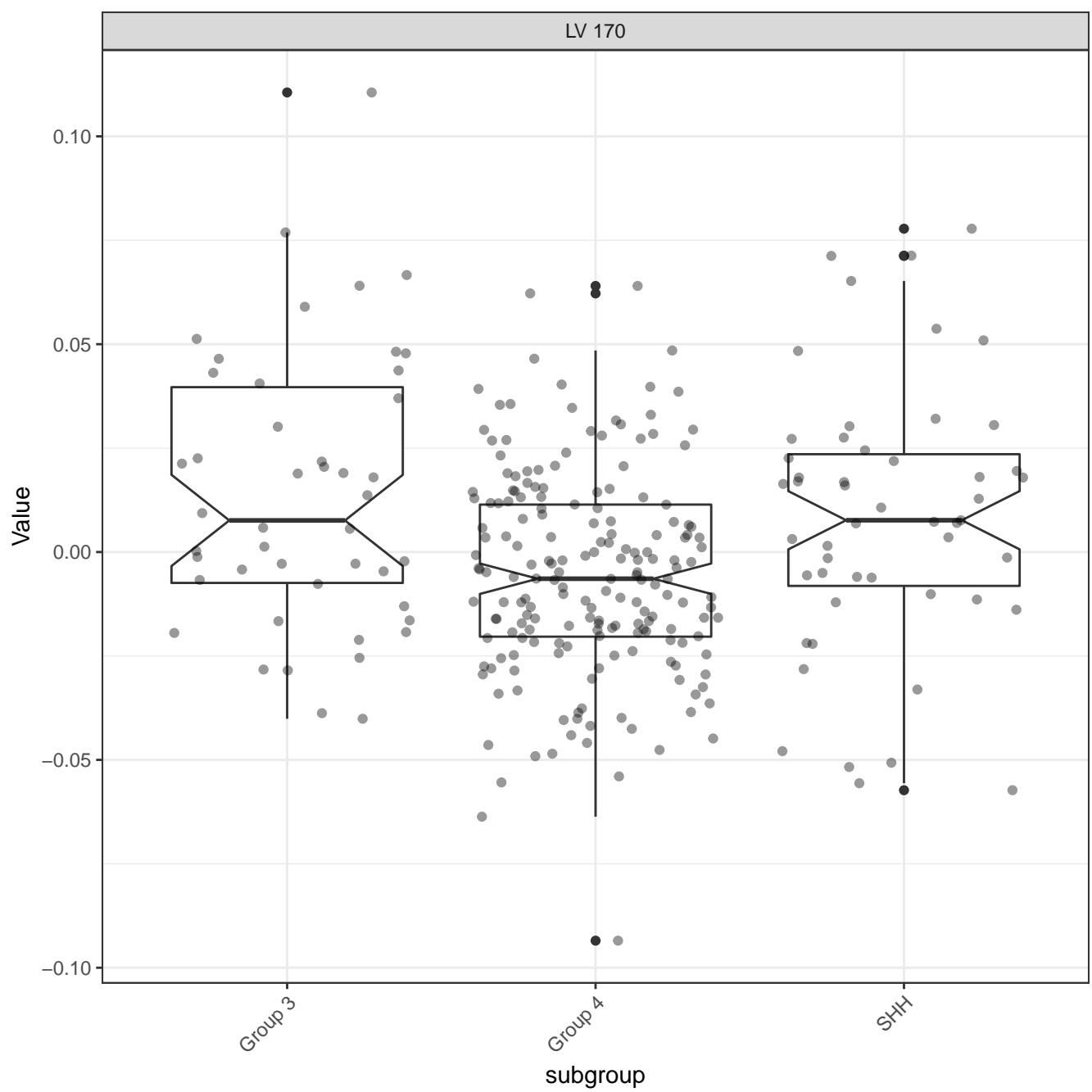
SHH



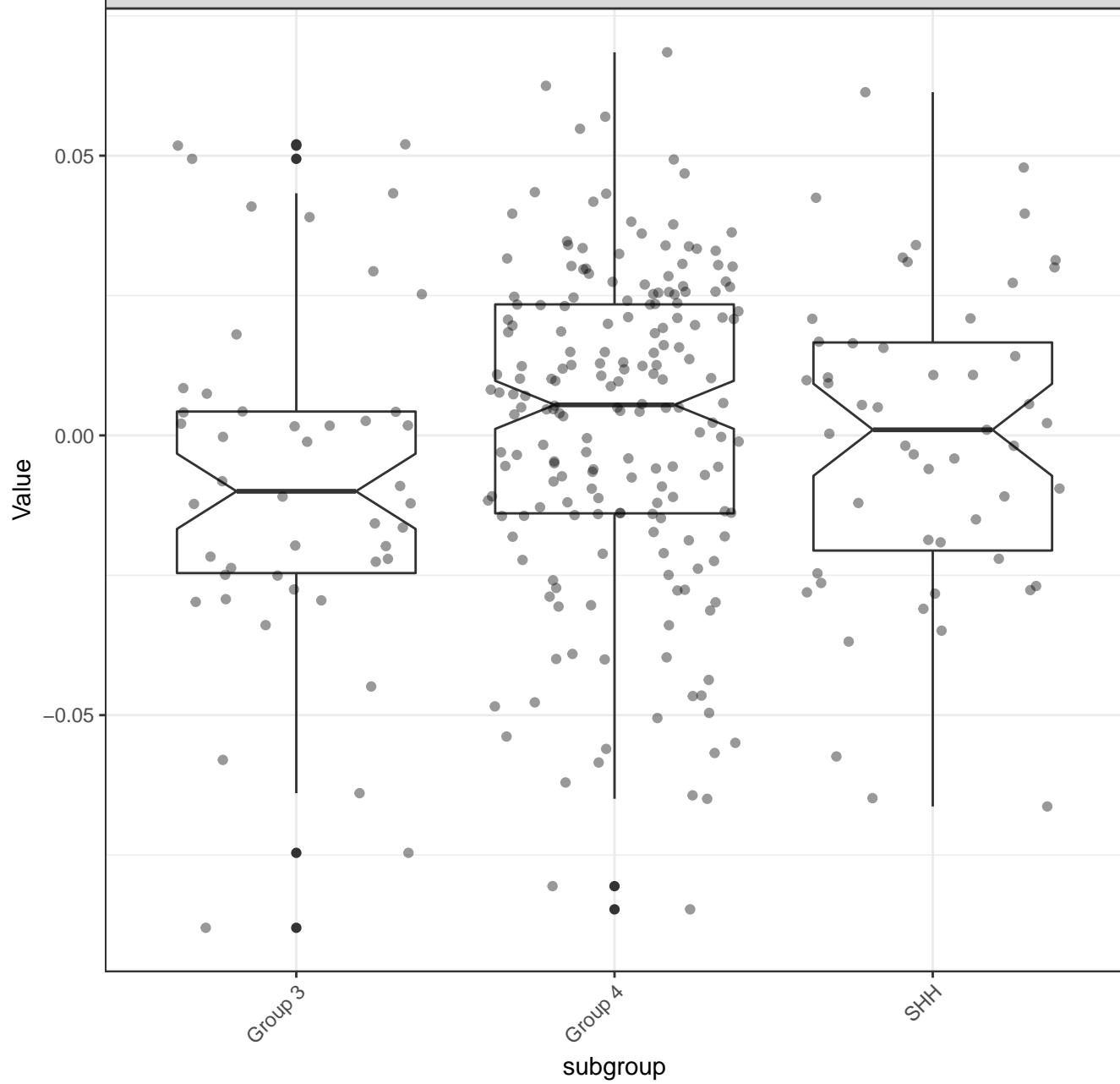
LV 169



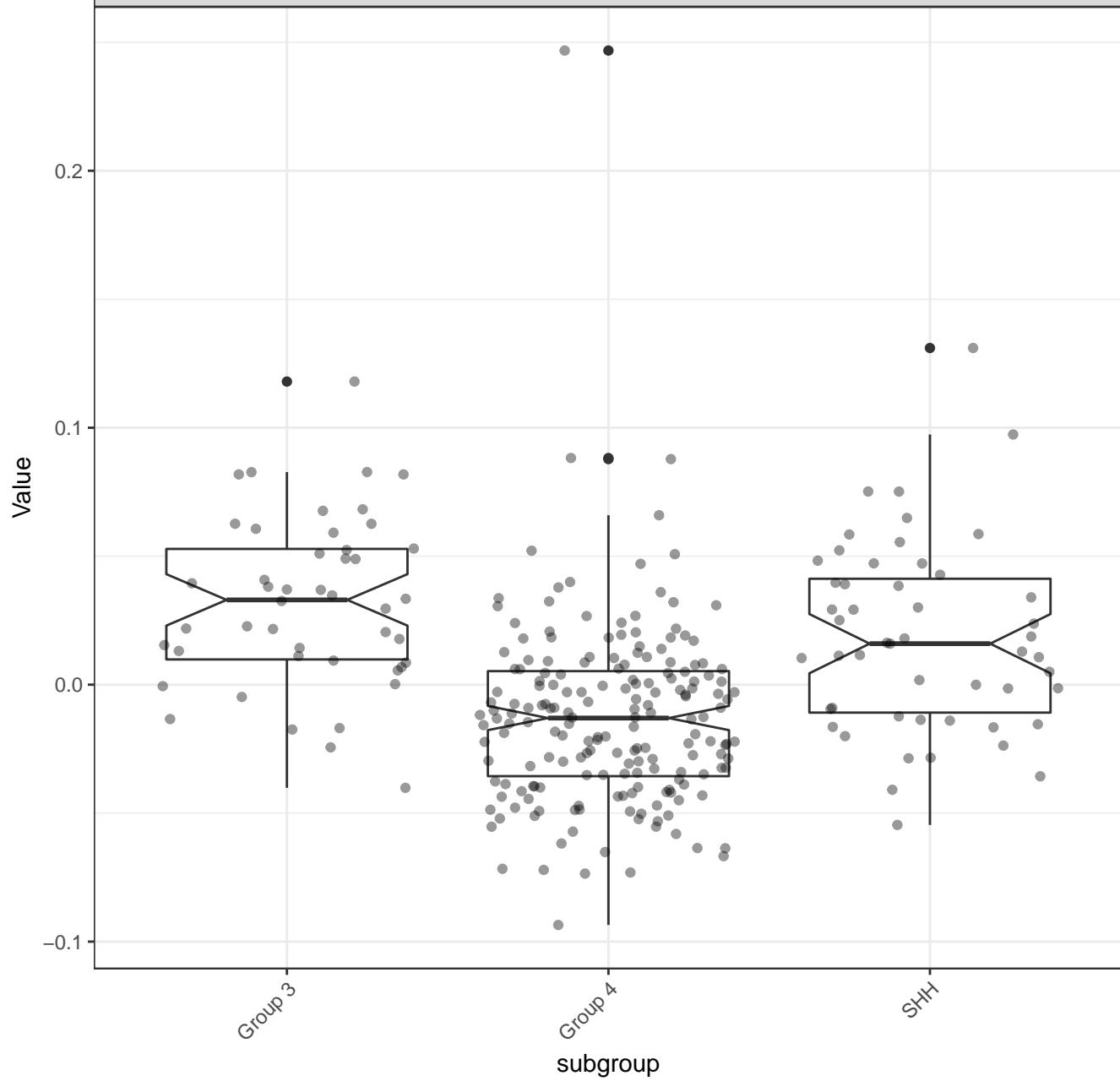
LV 170



171,KEGG_FATTY_ACID_METABOLISM



172,DMAP_ERY4



LV 173

Value

0.08

0.04

0.00

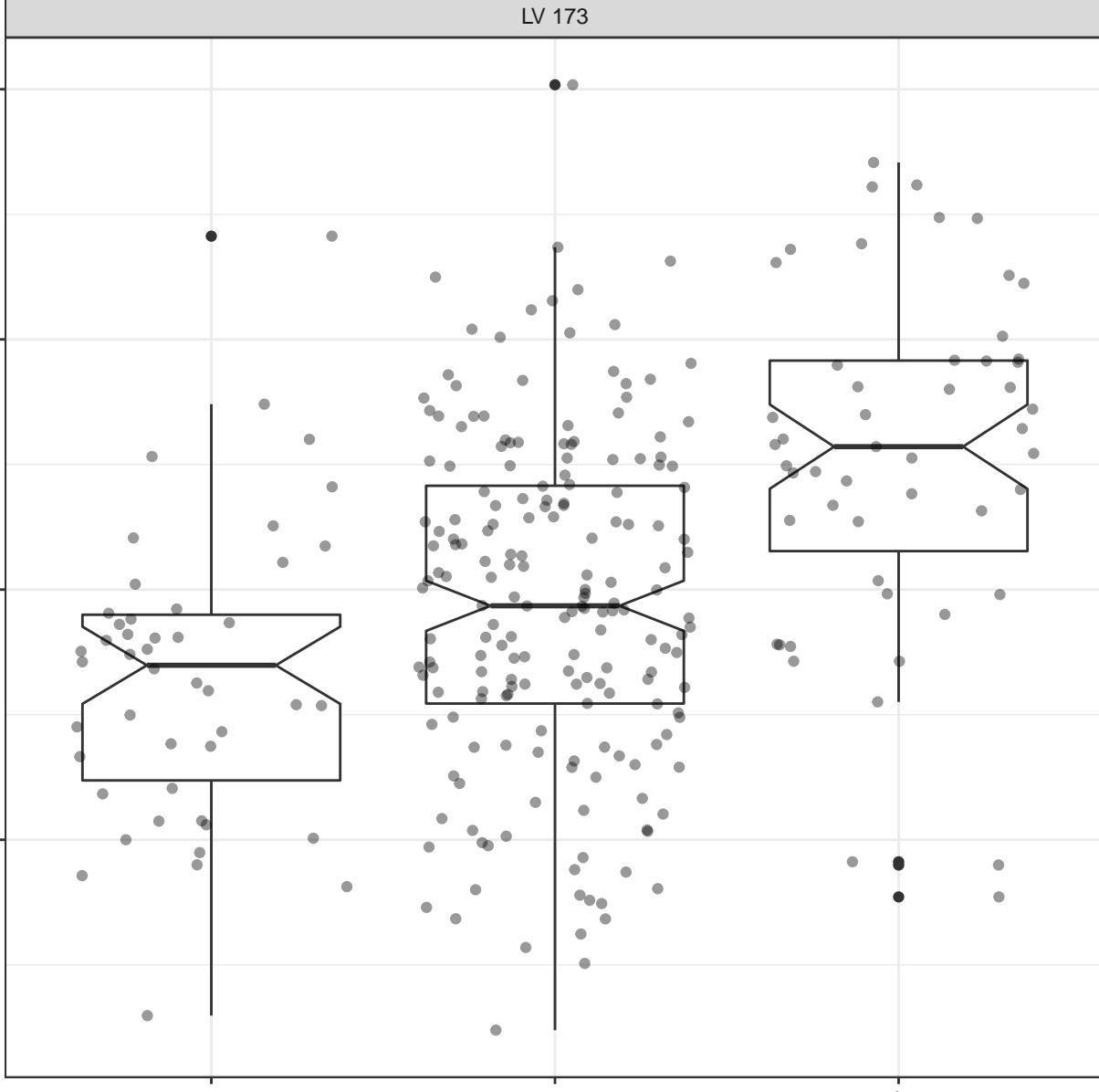
-0.04

Group 3

subgroup

Group 4

SHH



LV 174

Value

0.10

0.05

0.00

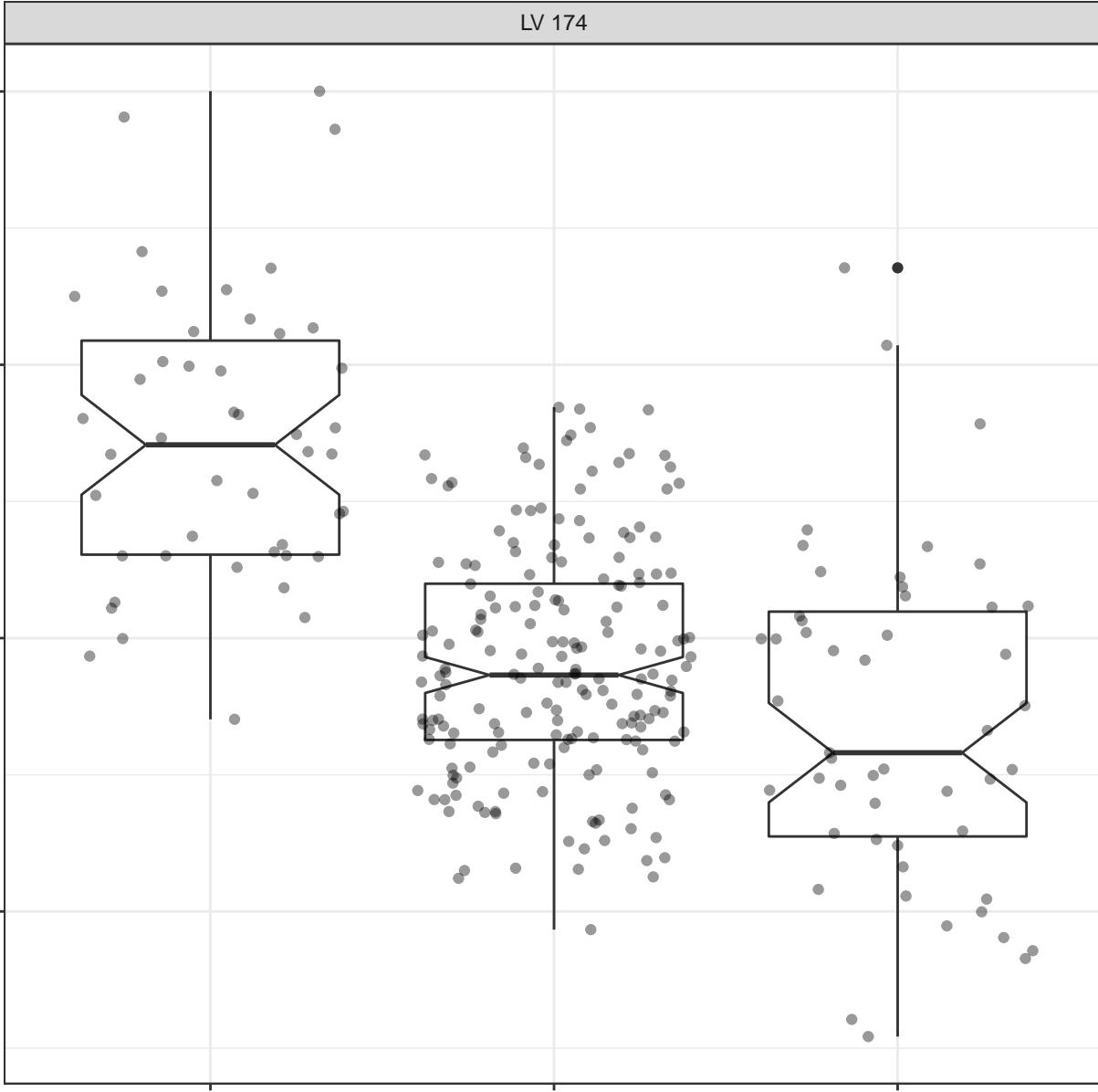
-0.05

Group 3

Group 4

SHH

subgroup



LV 175

Value

0.10

0.05

0.00

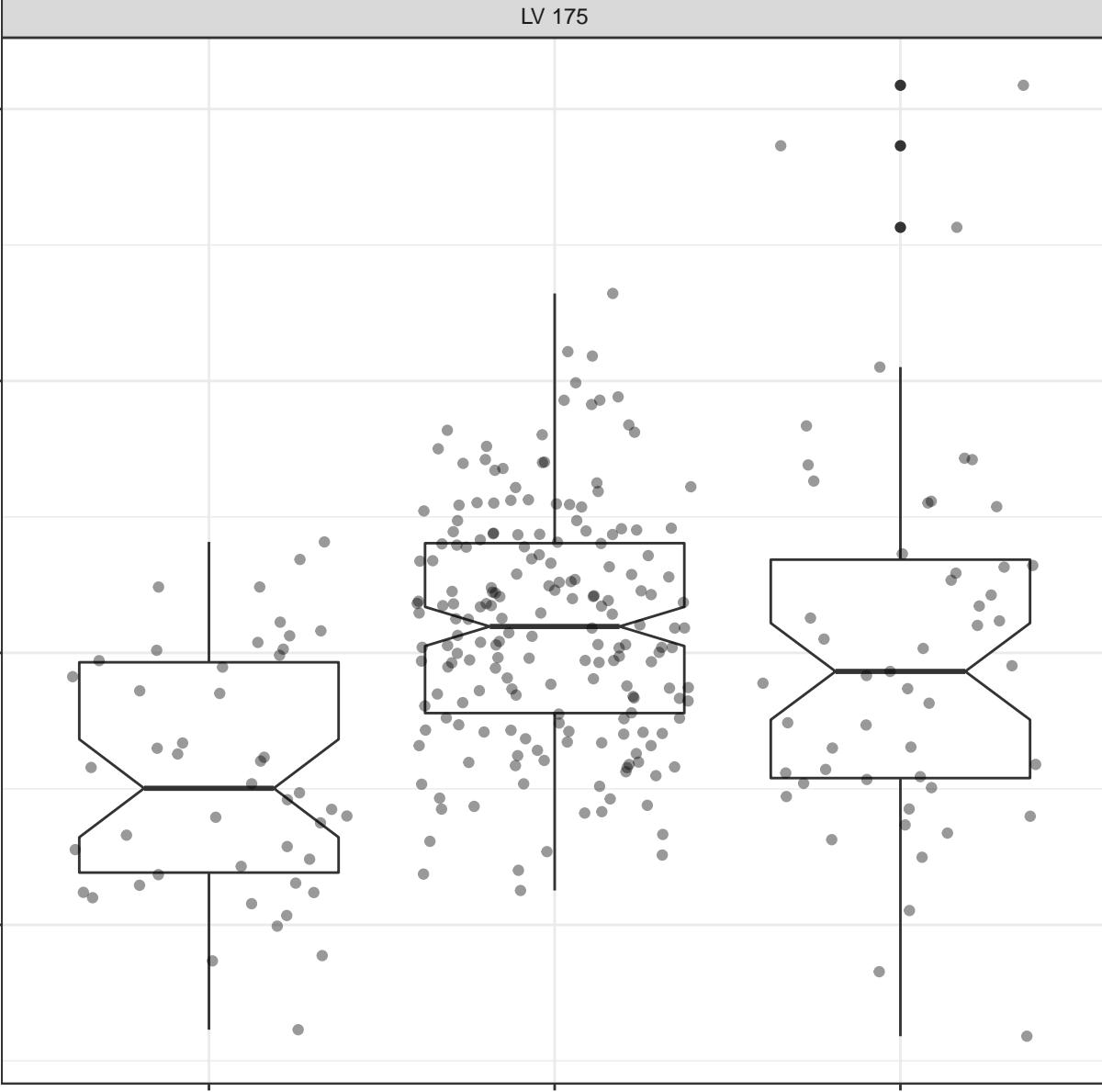
-0.05

Group 3

Group 4

SHH

subgroup



176,KEGG_FRUCTOSE_AND_MANNOSE_METABOLISM

Value

0.10

0.05

0.00

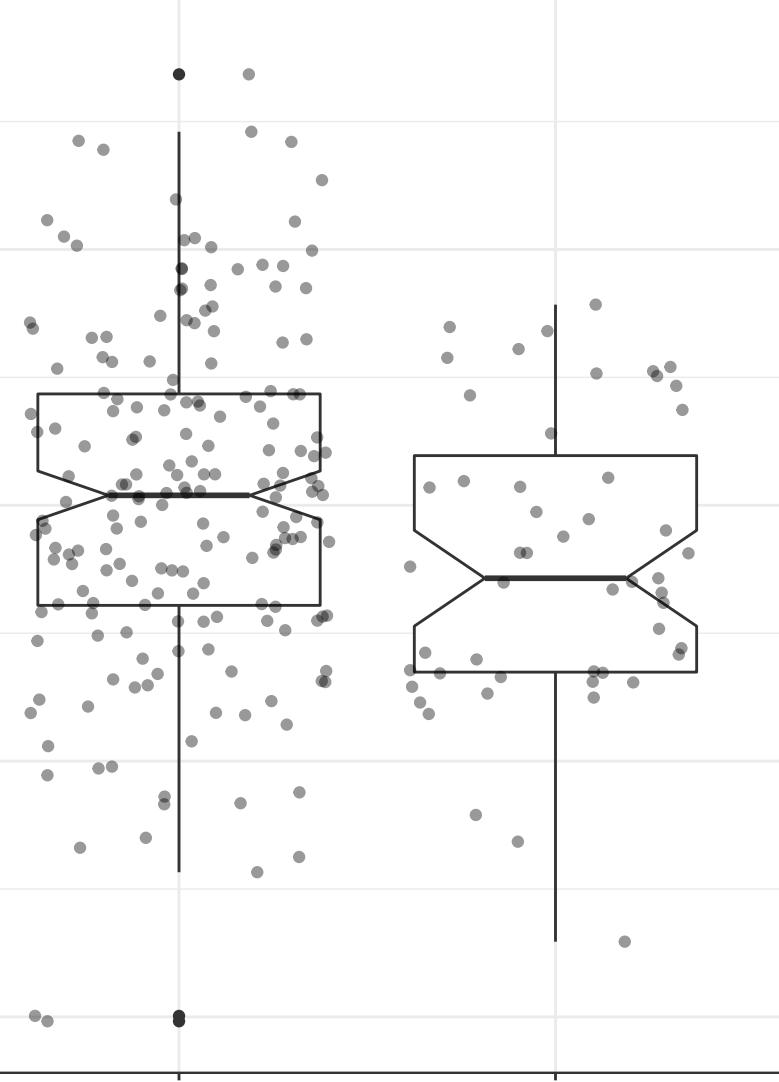
-0.05

-0.10

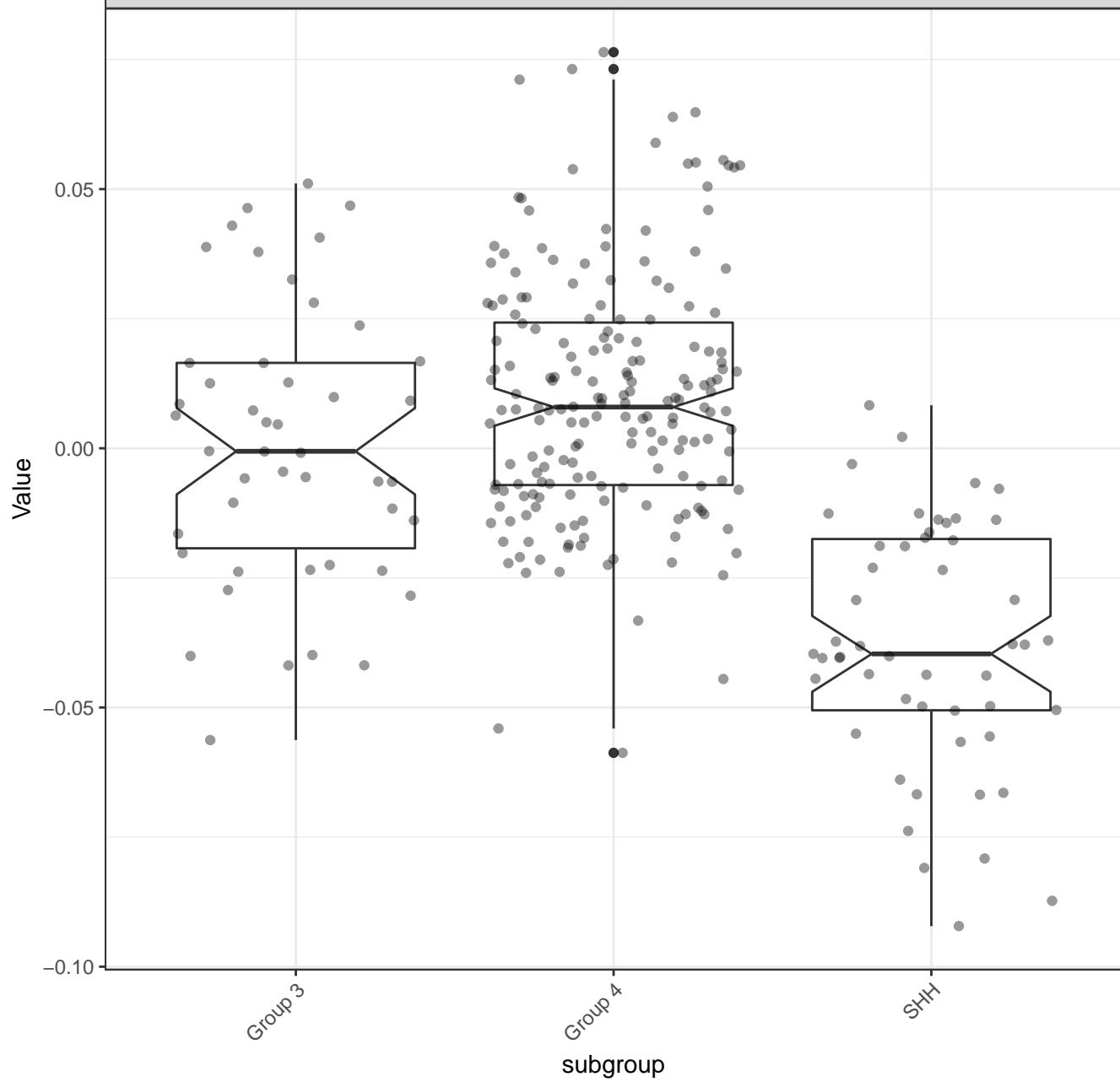
Group 3

subgroup

SHH



177,SIG_CHEMOTAXIS



LV 178

Value

0.05

0.00

-0.05

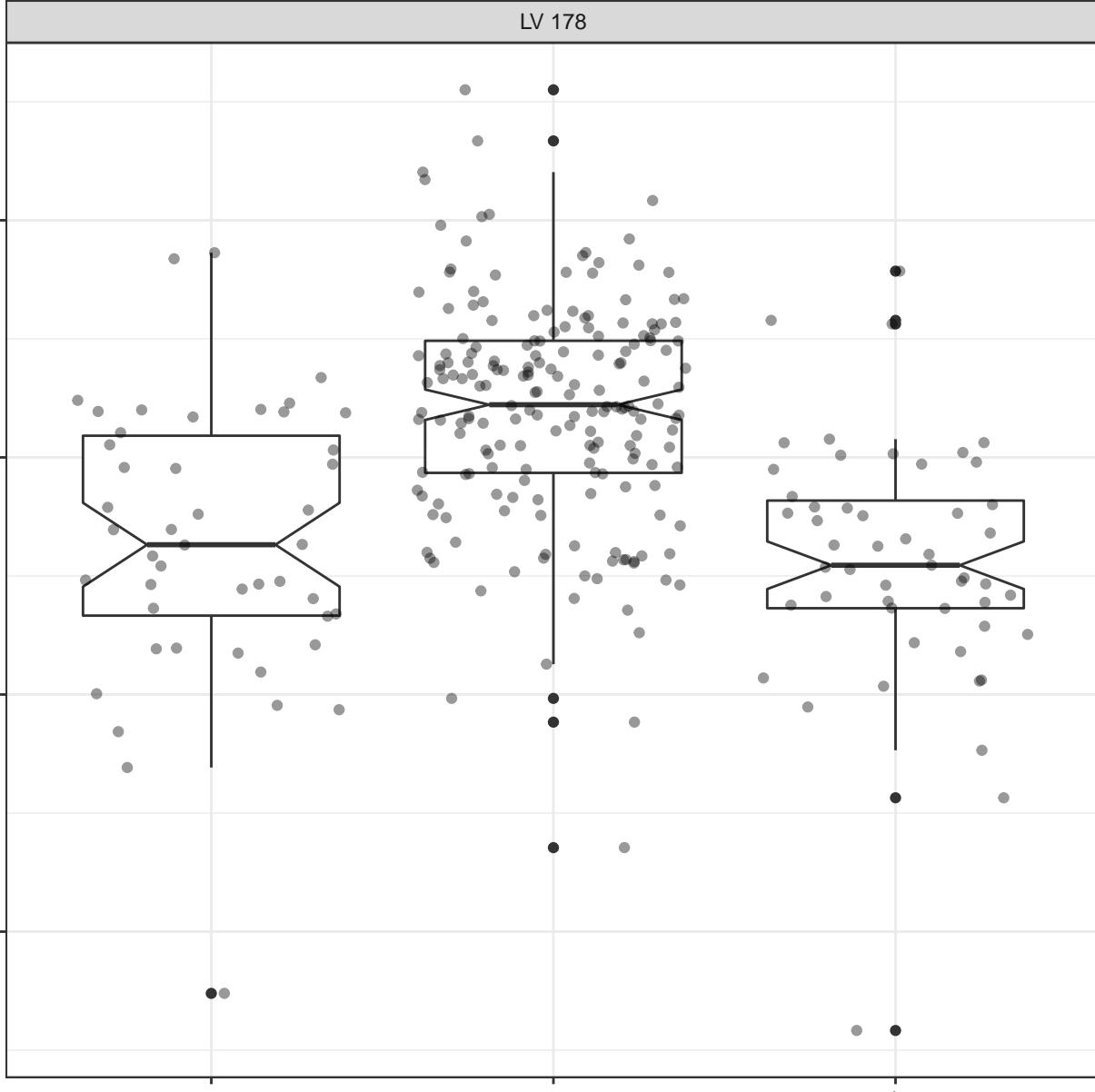
-0.10

Group 3

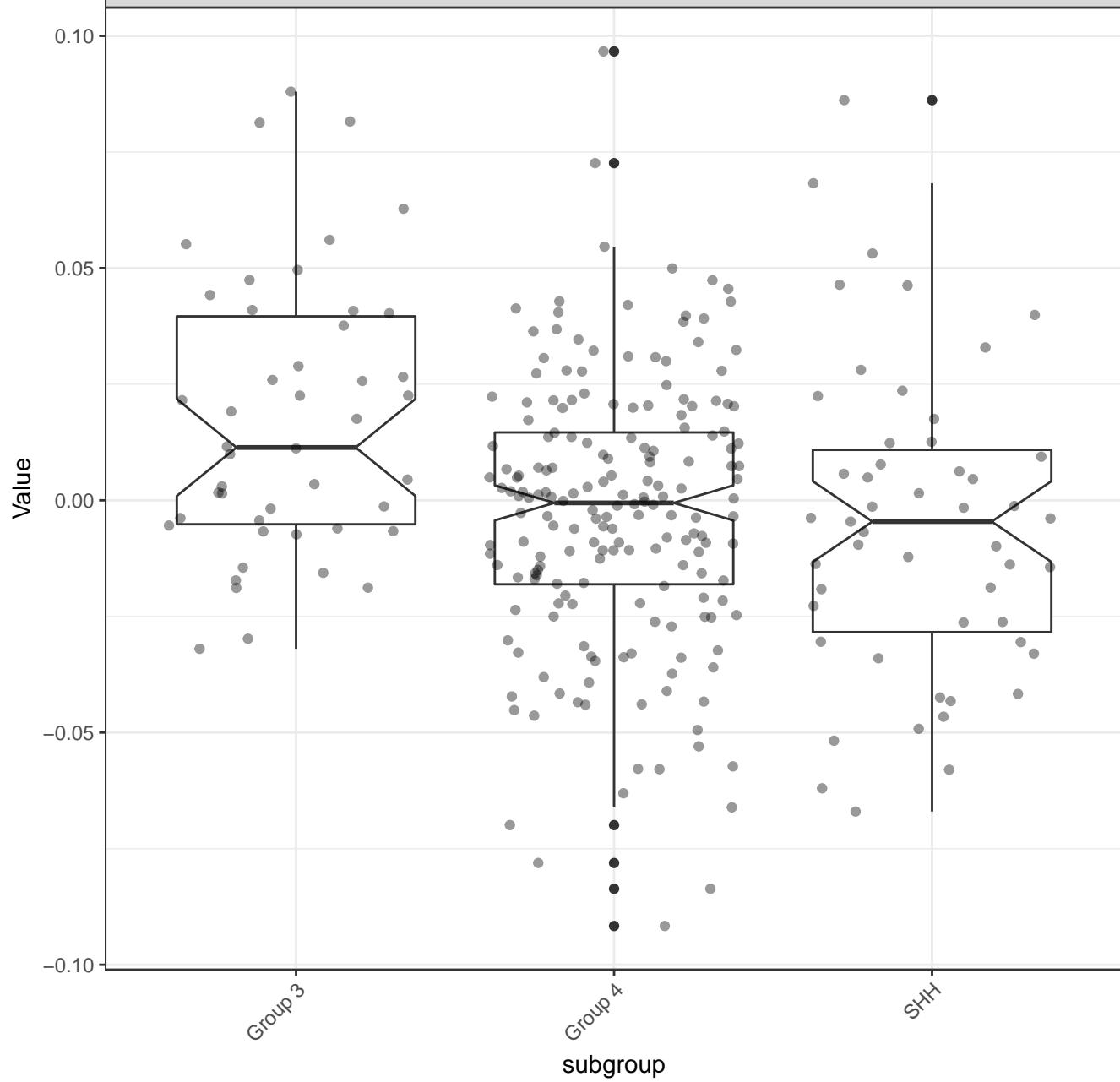
subgroup

Group 4

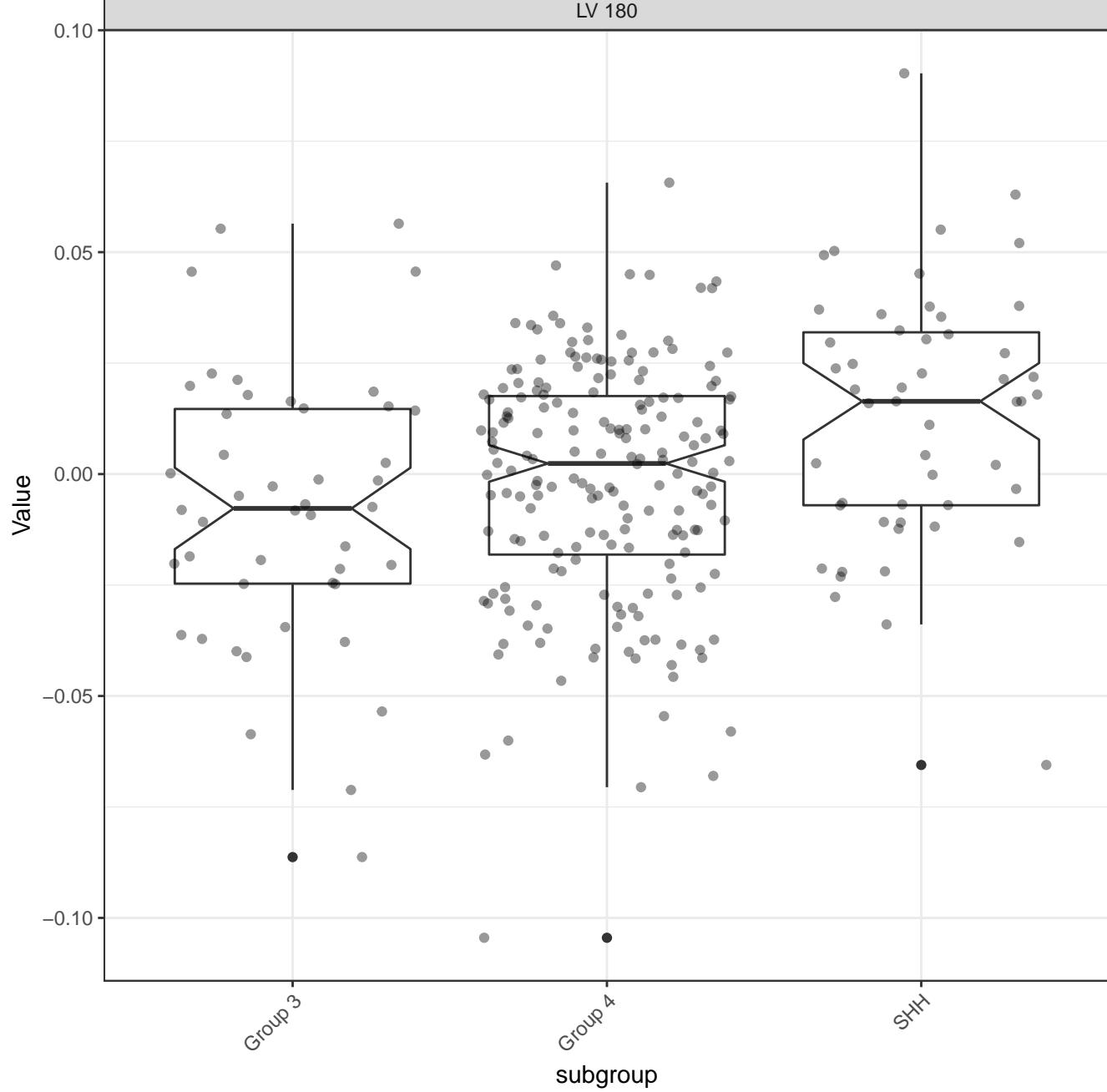
SHH



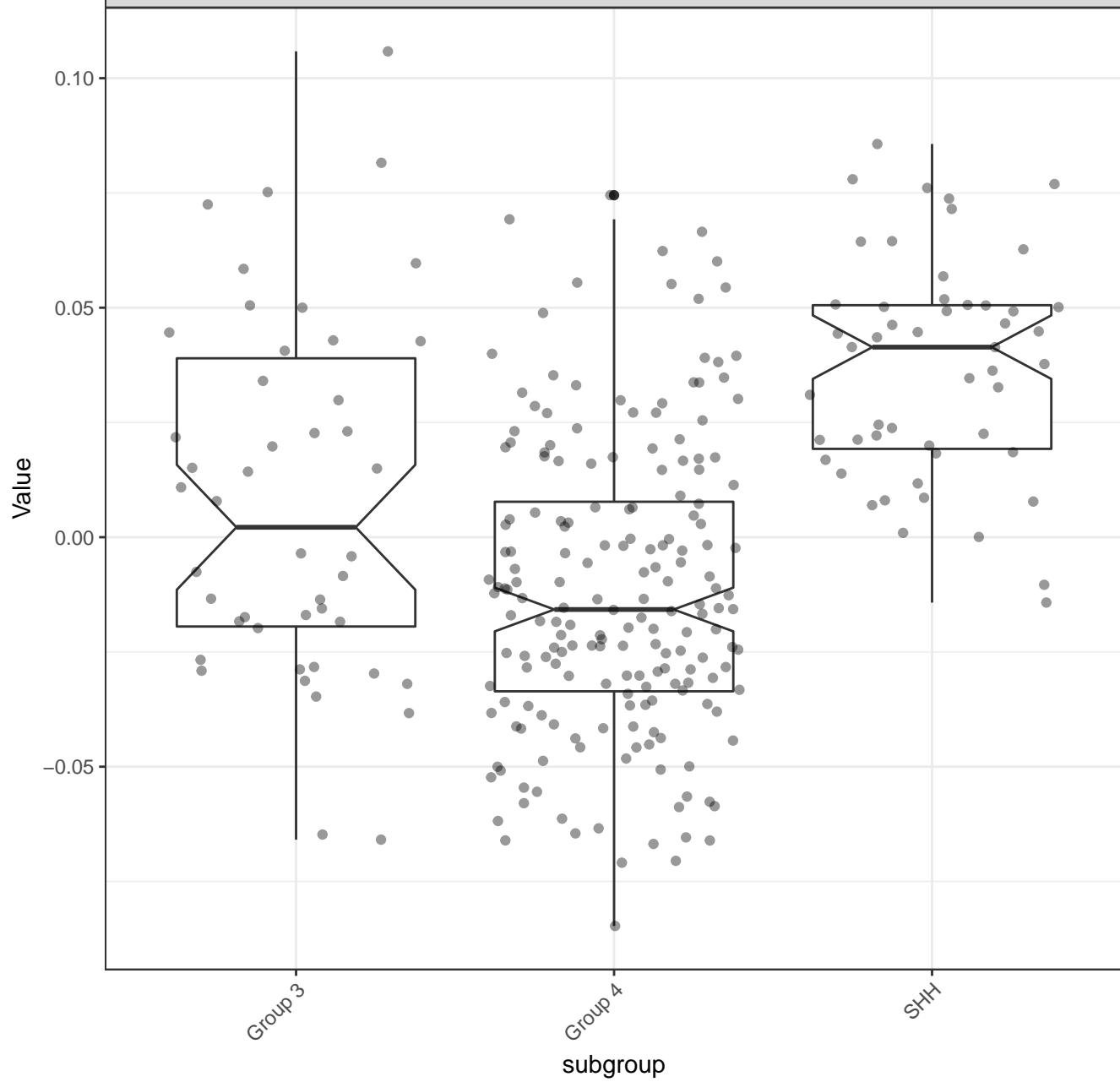
LV 179



LV 180



LV 181



LV 182

Value

0.10

0.05

0.00

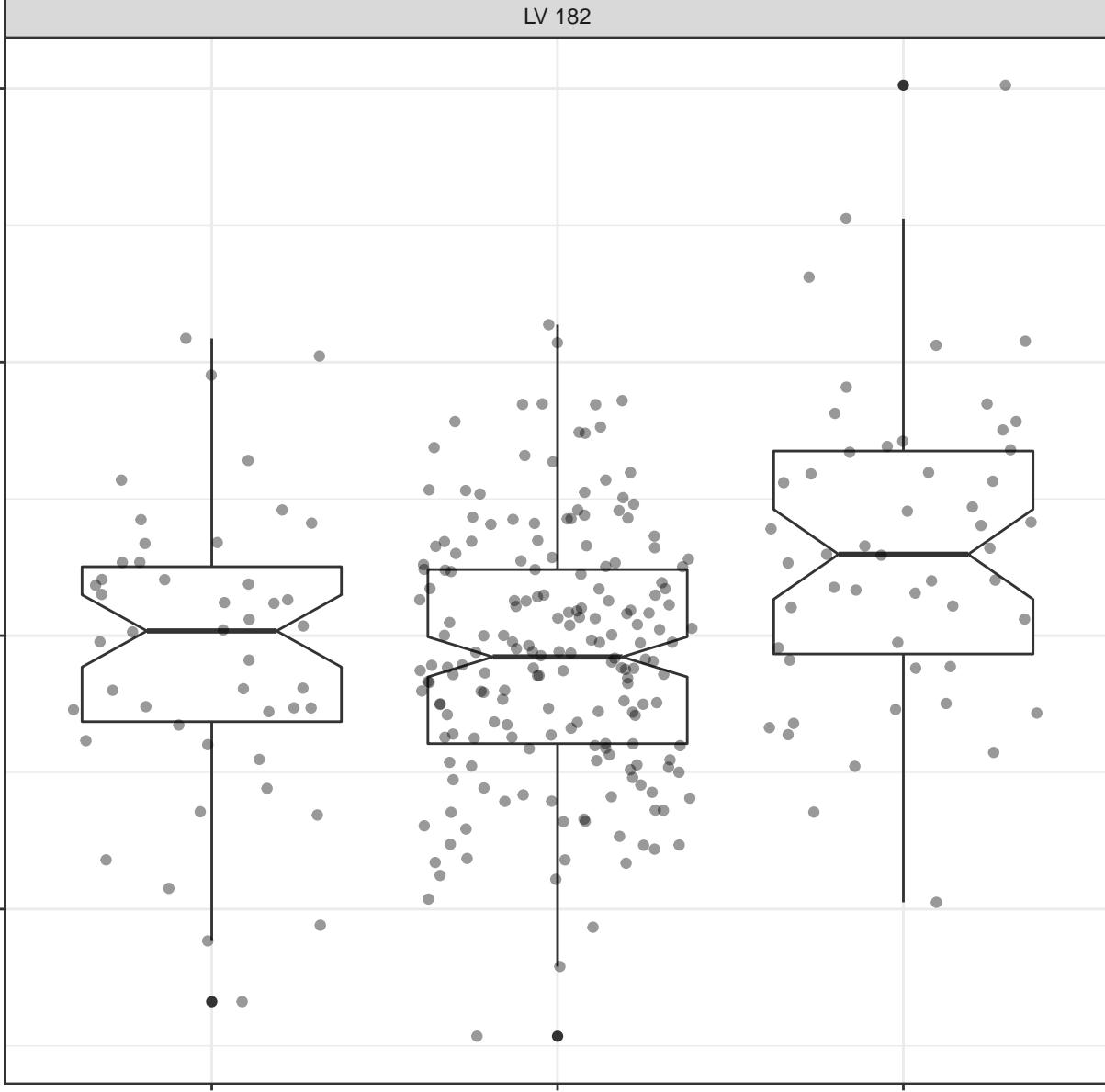
-0.05

Group 3

Group 4

SHH

subgroup



LV 183

Value

0.2

0.1

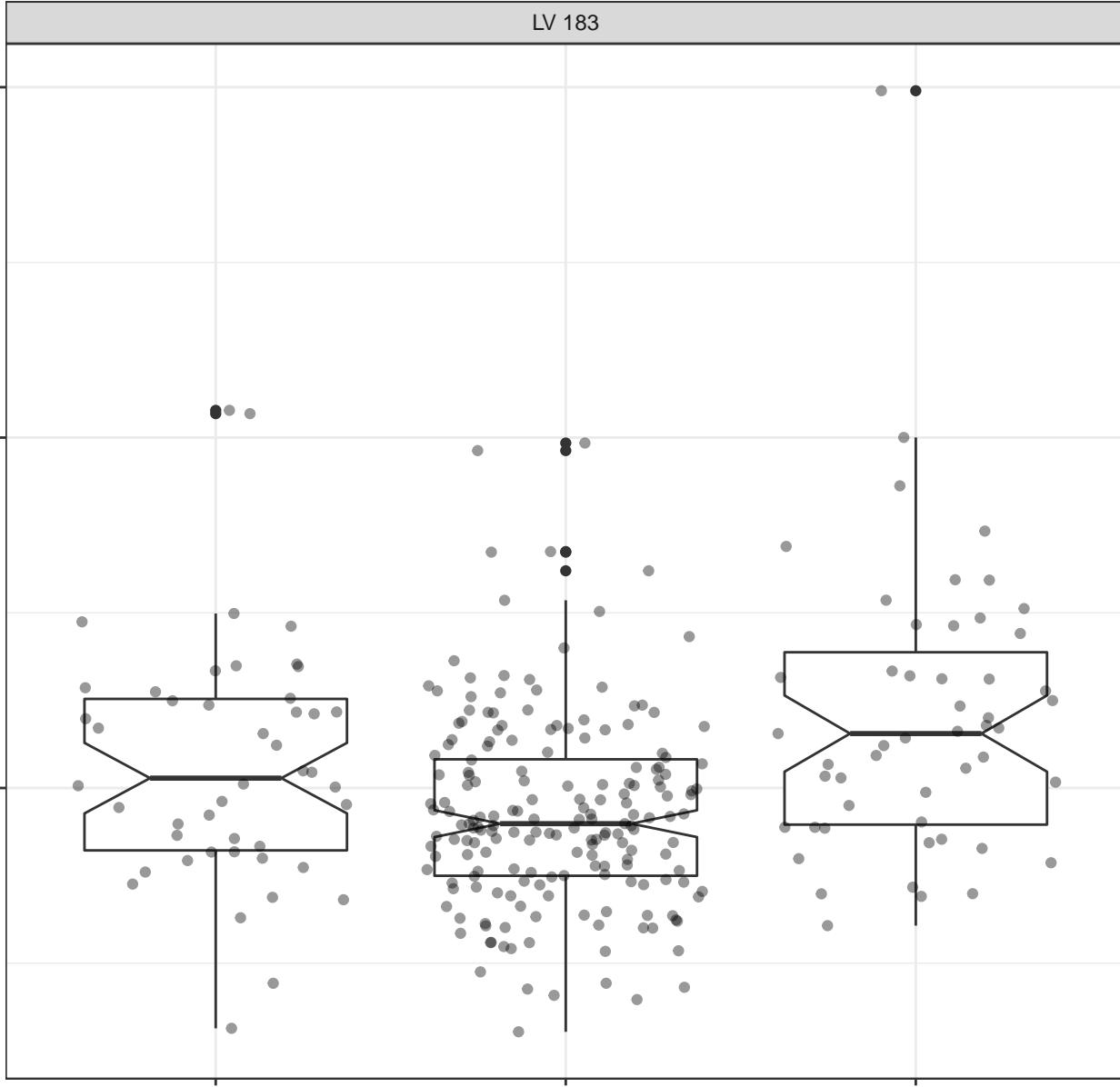
0.0

Group 3

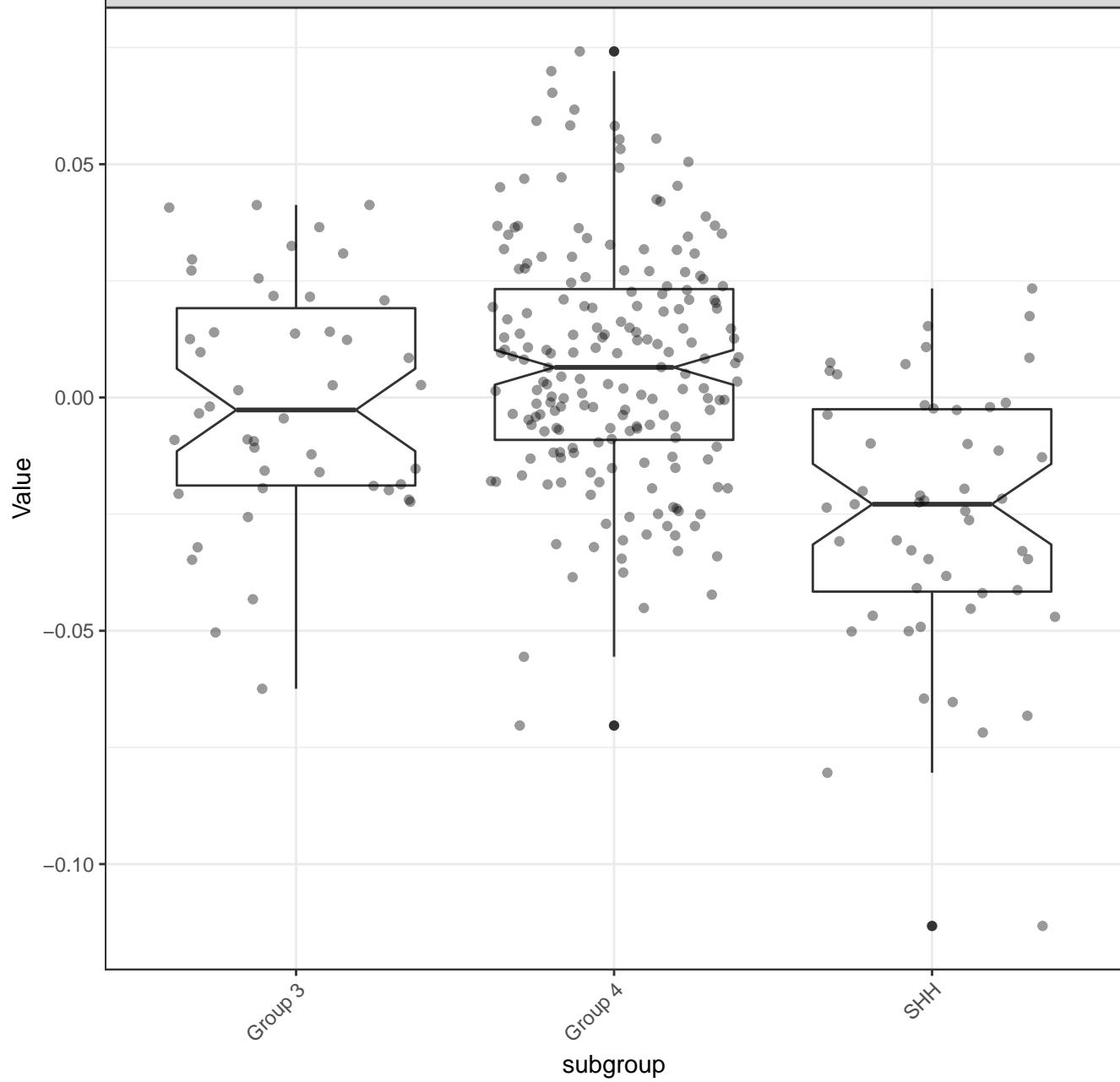
Group 4

SHH

subgroup



LV 184



LV 185

Value

0.3

0.2

0.1

0.0

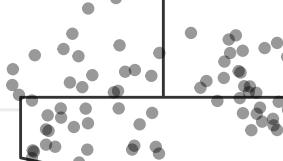
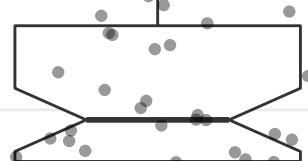
-0.1

Group 3

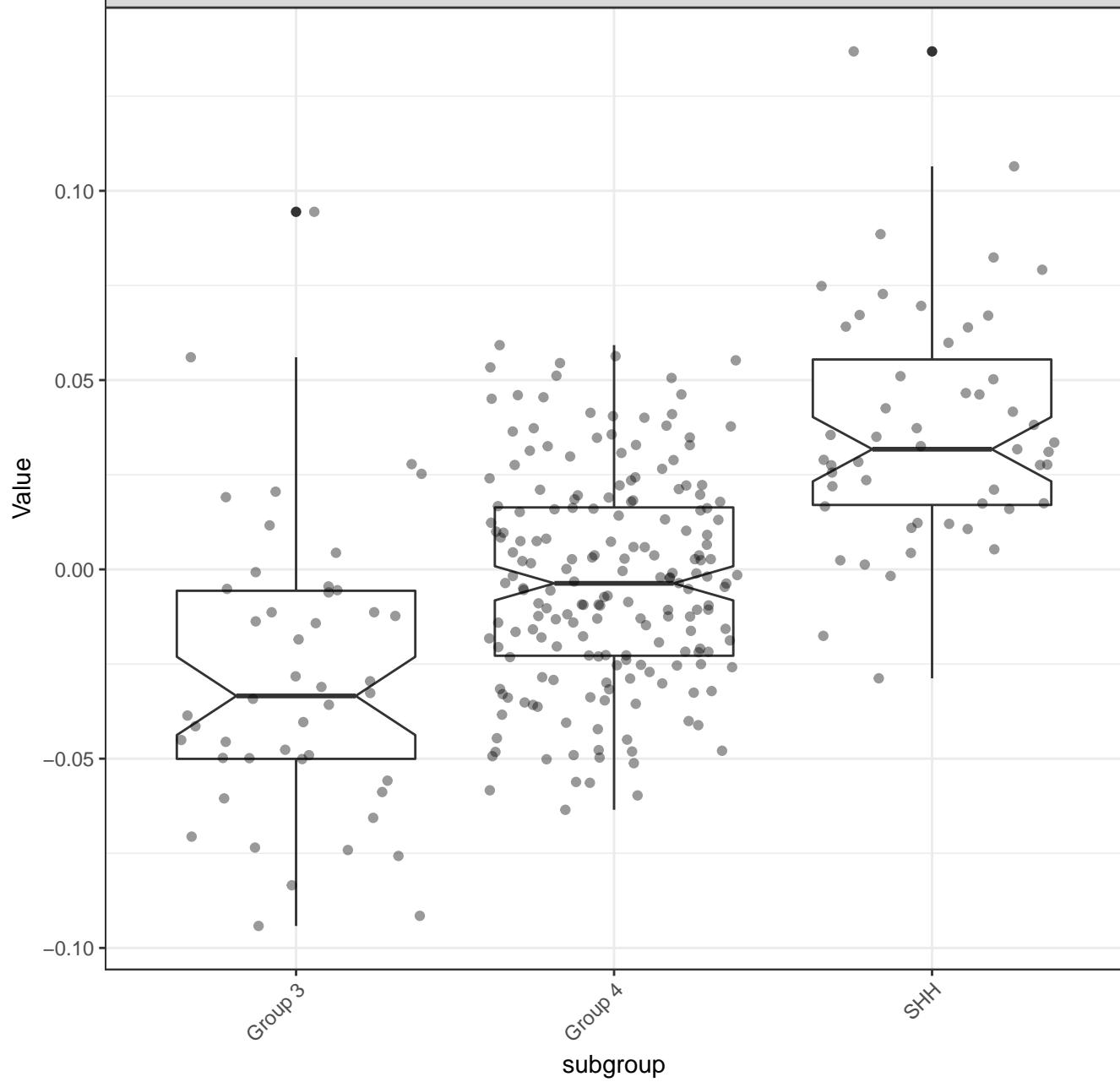
Group 4

SHH

subgroup



LV 186



LV 187

Value

0.10

0.05

0.00

-0.05

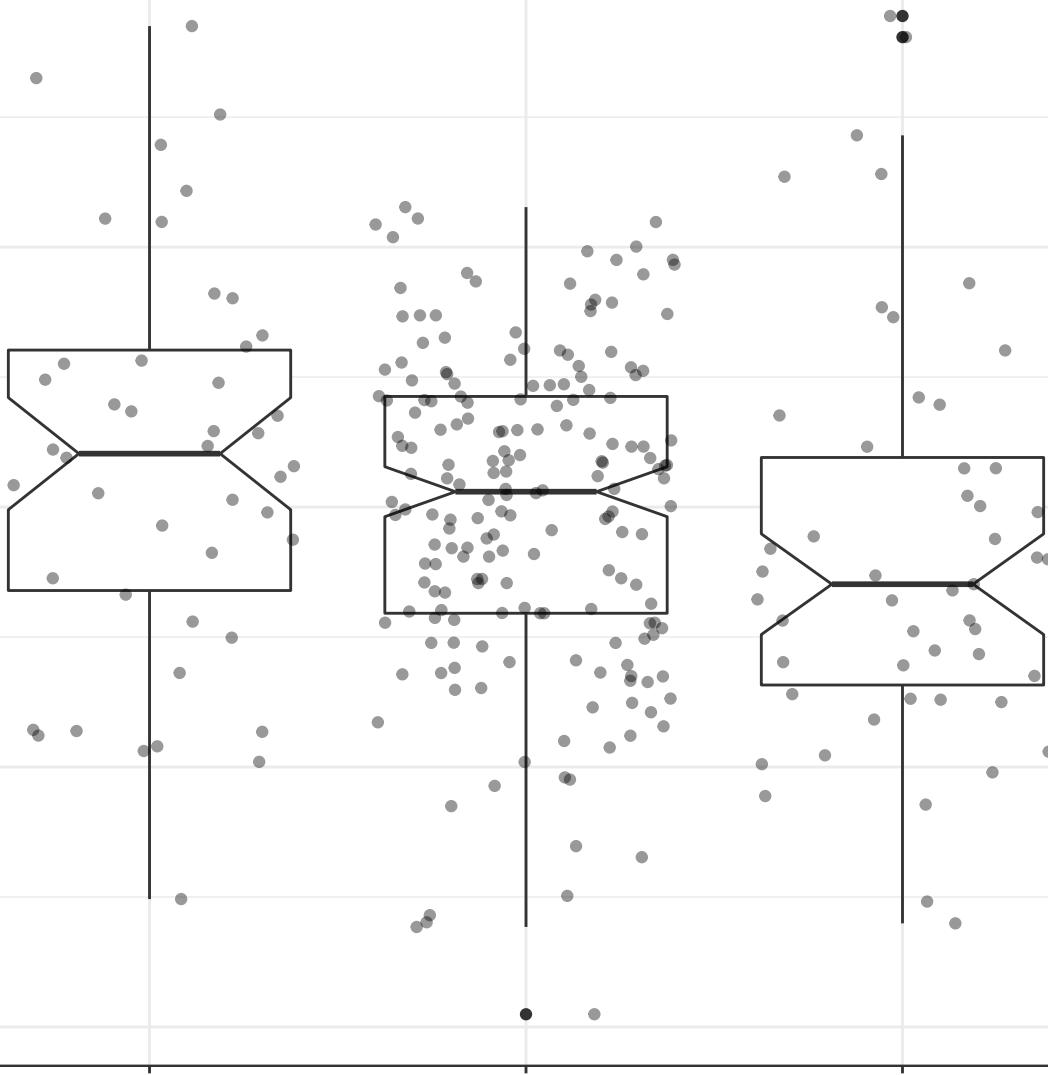
-0.10

Group 3

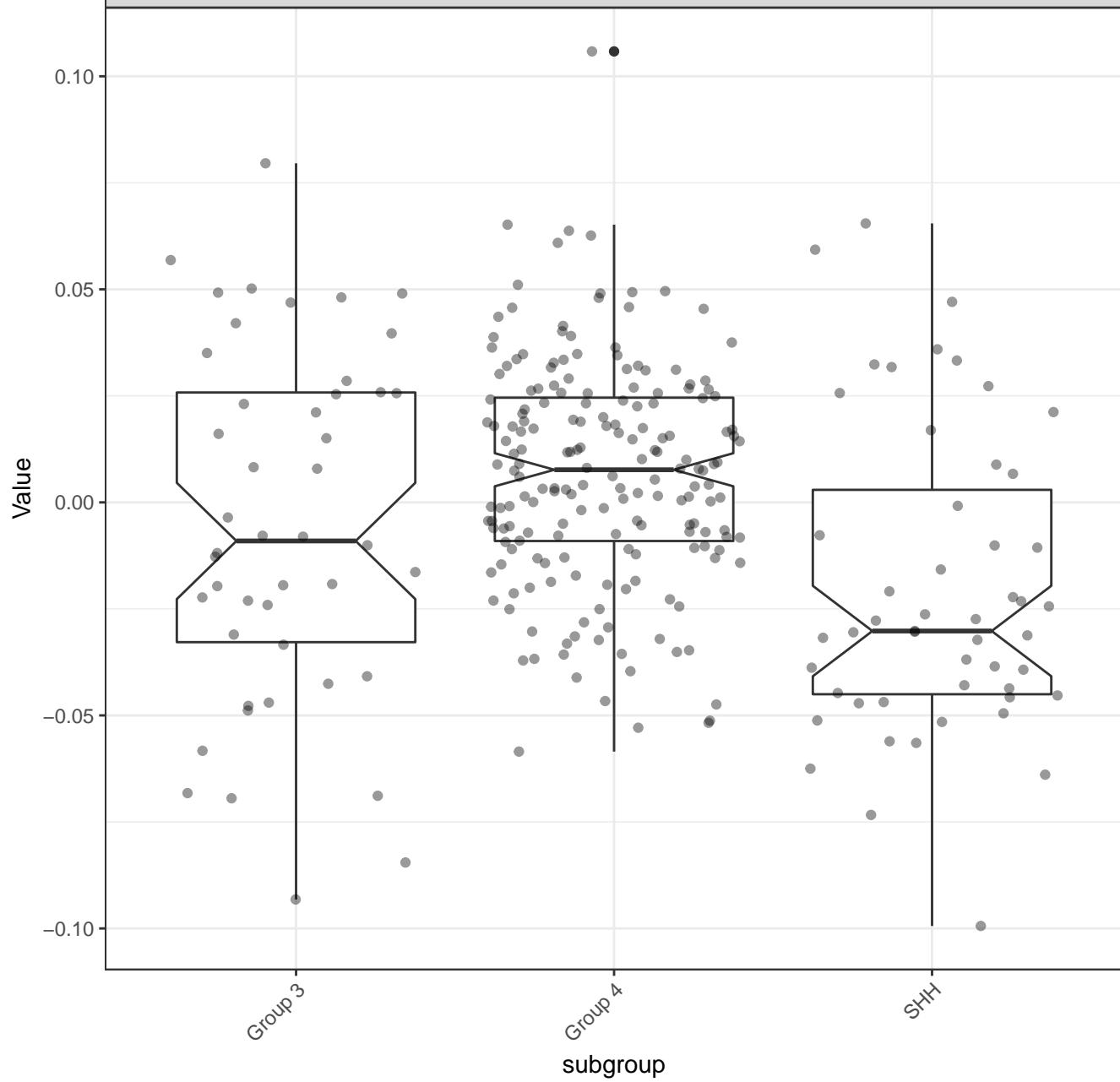
subgroup

SHH

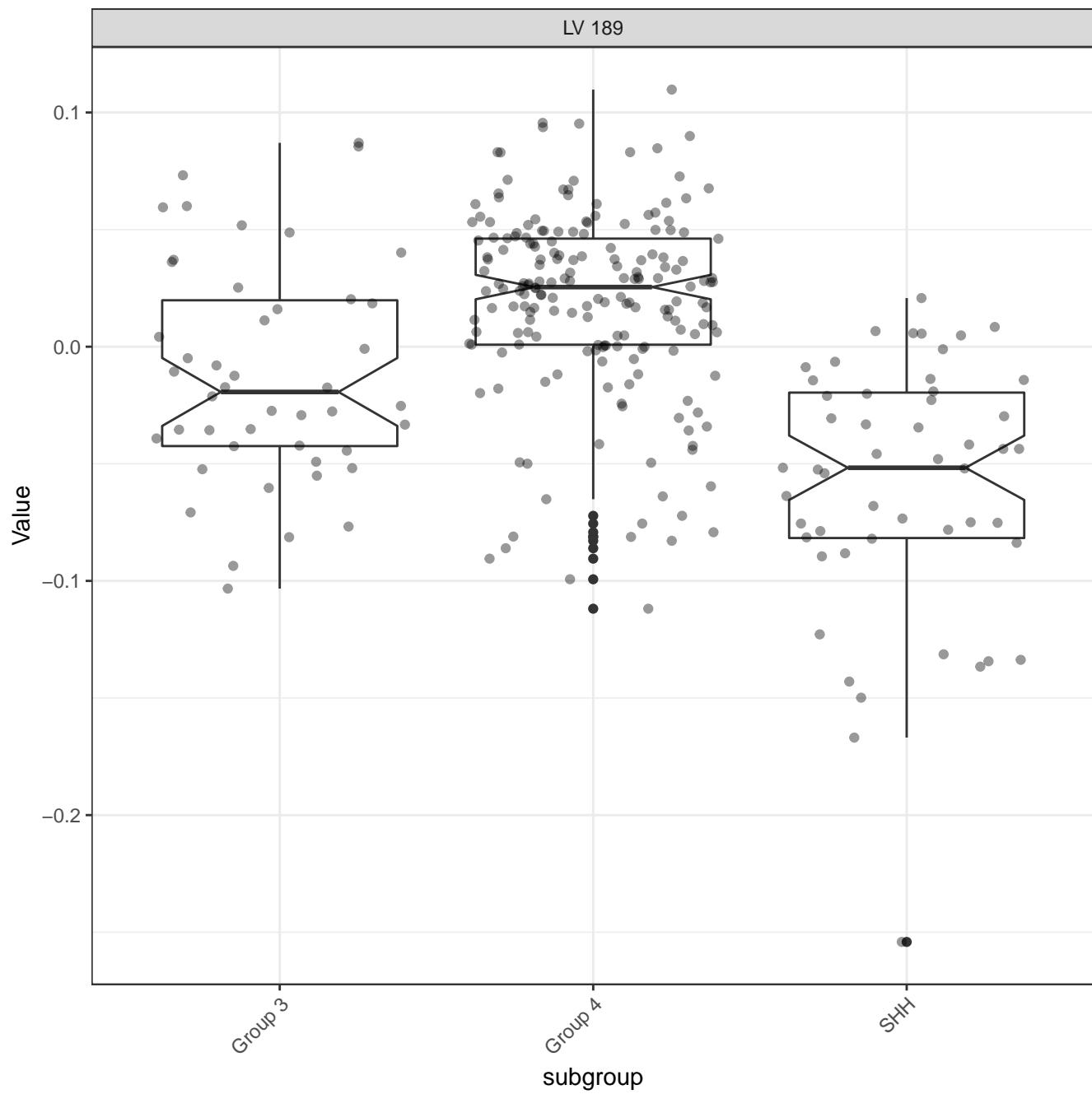
Group 4



LV 188



LV 189



LV 190

Value

0.05

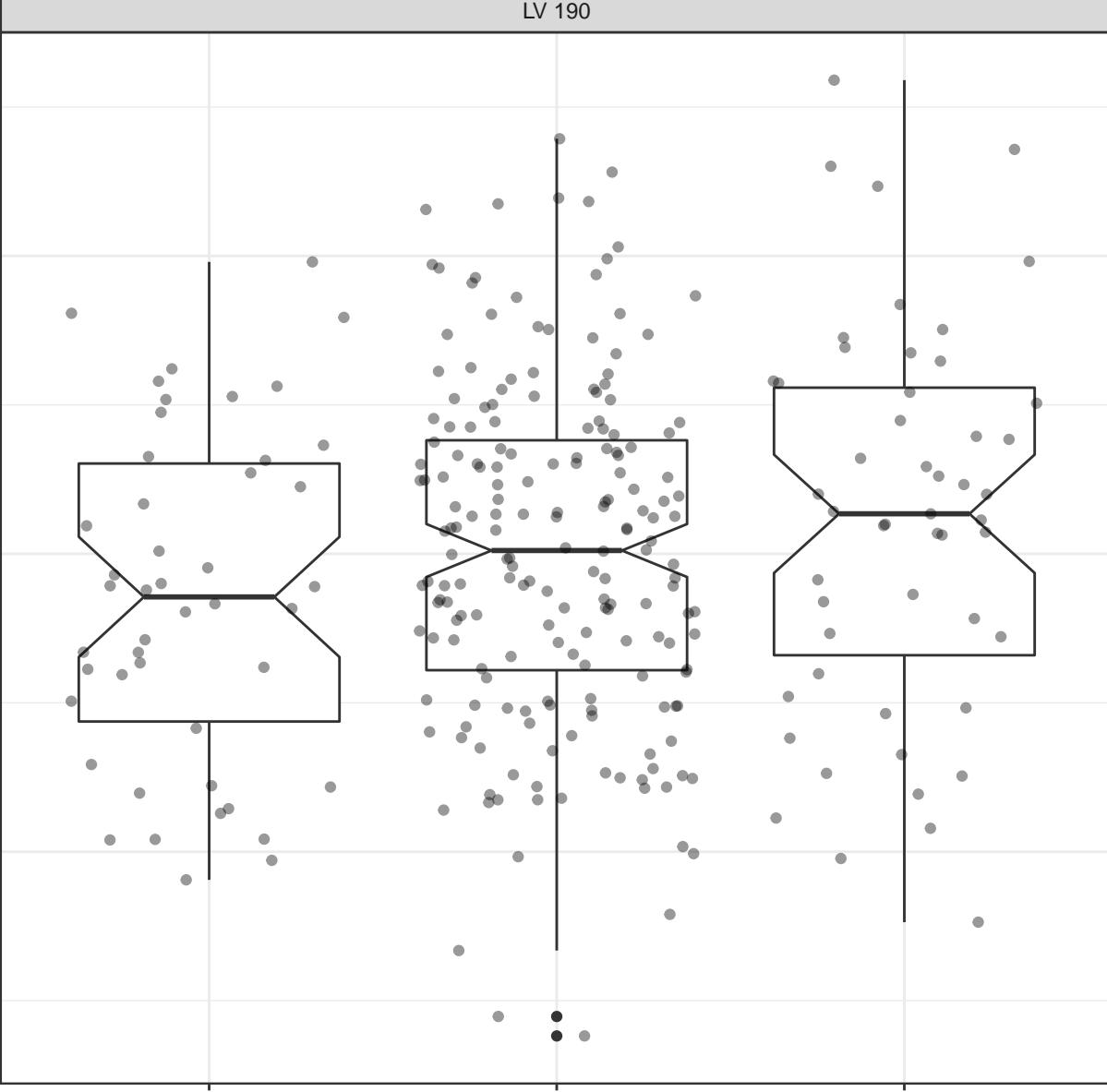
0.00

-0.05

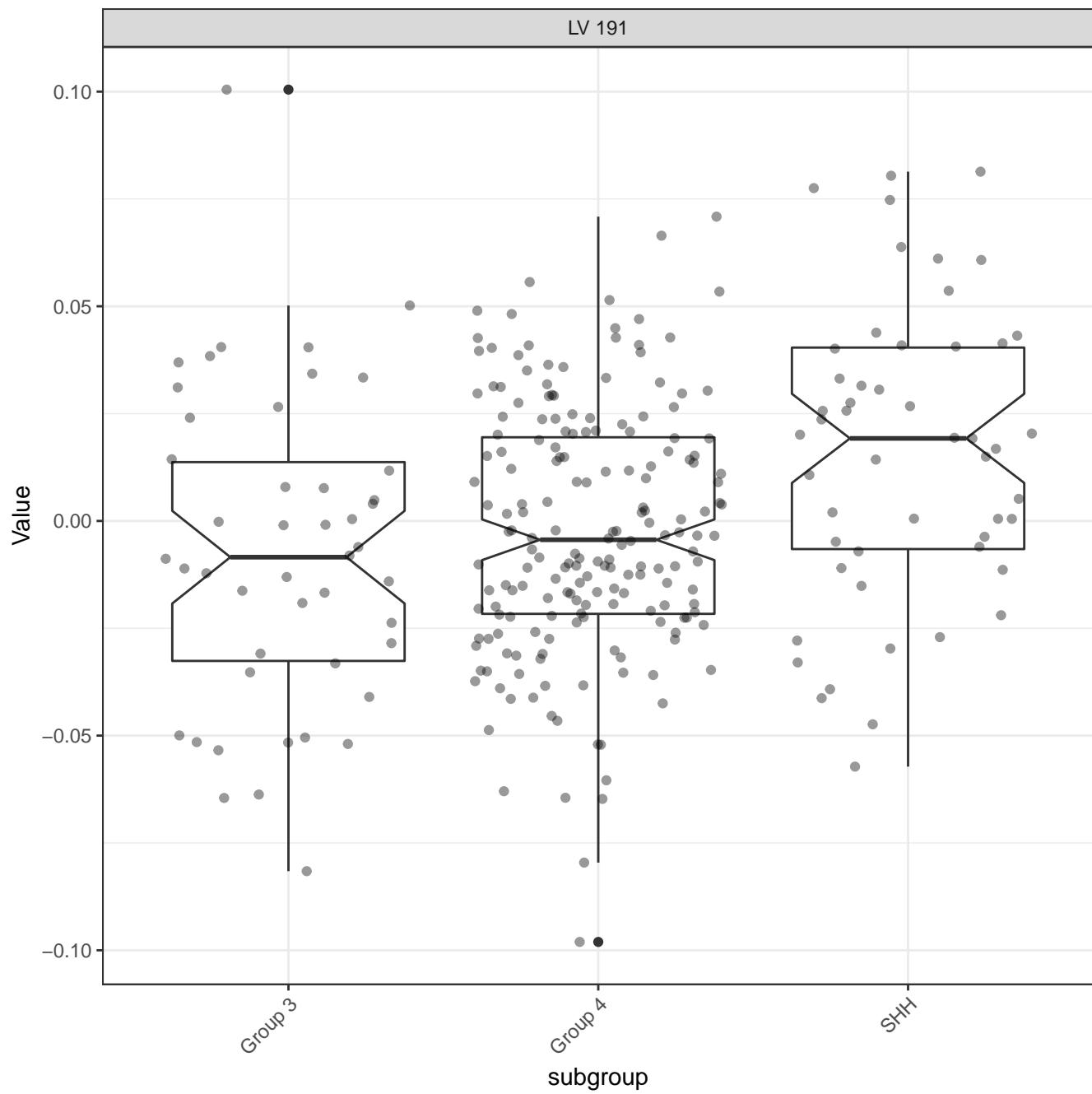
Group 3

subgroup

SHH



LV 191



LV 192

Vvalue

0.10

0.05

0.00

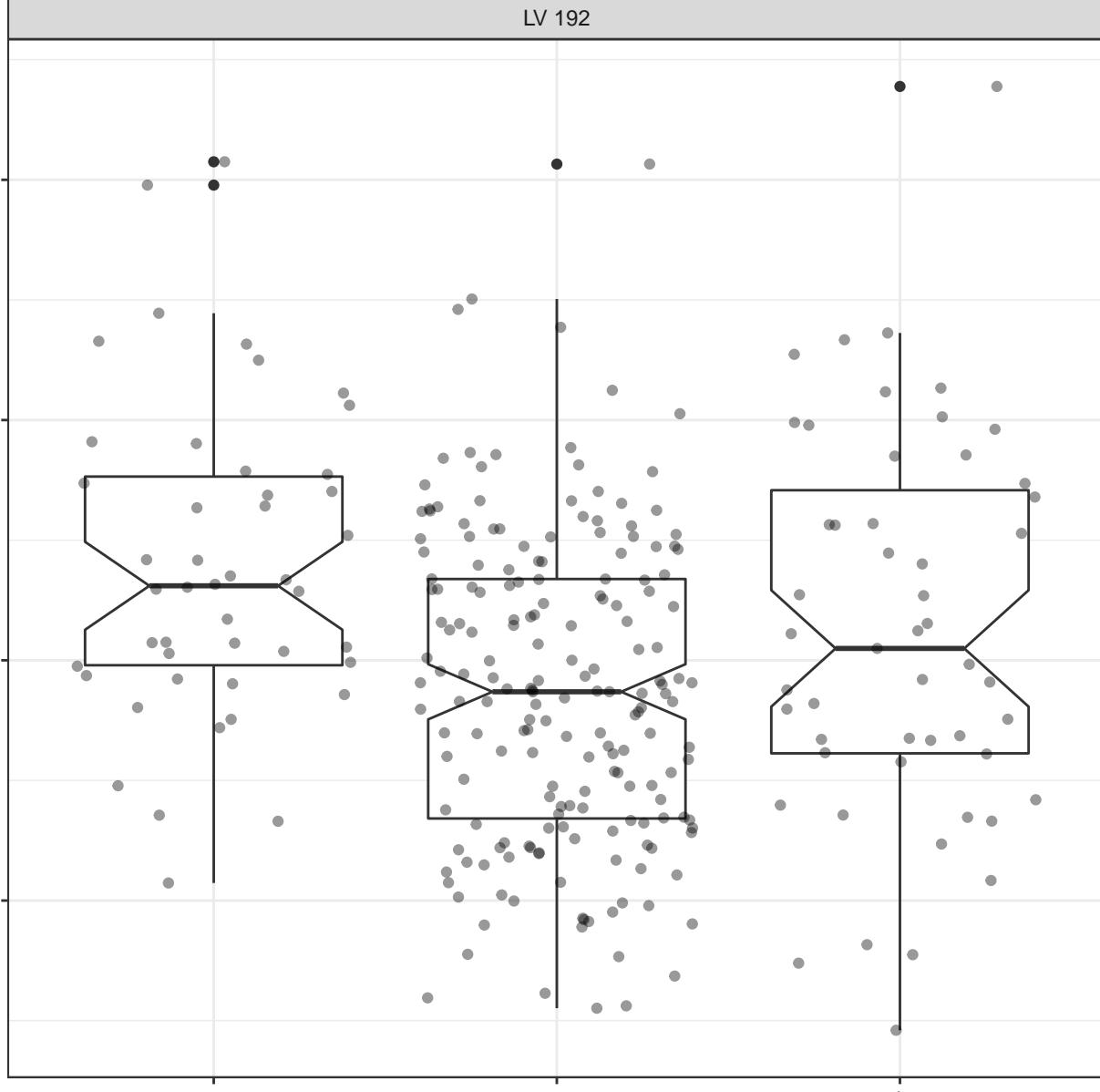
-0.05

Group 3

subgroup

Group 4

SHH



LV 193

Value

0.10

0.05

0.00

-0.05

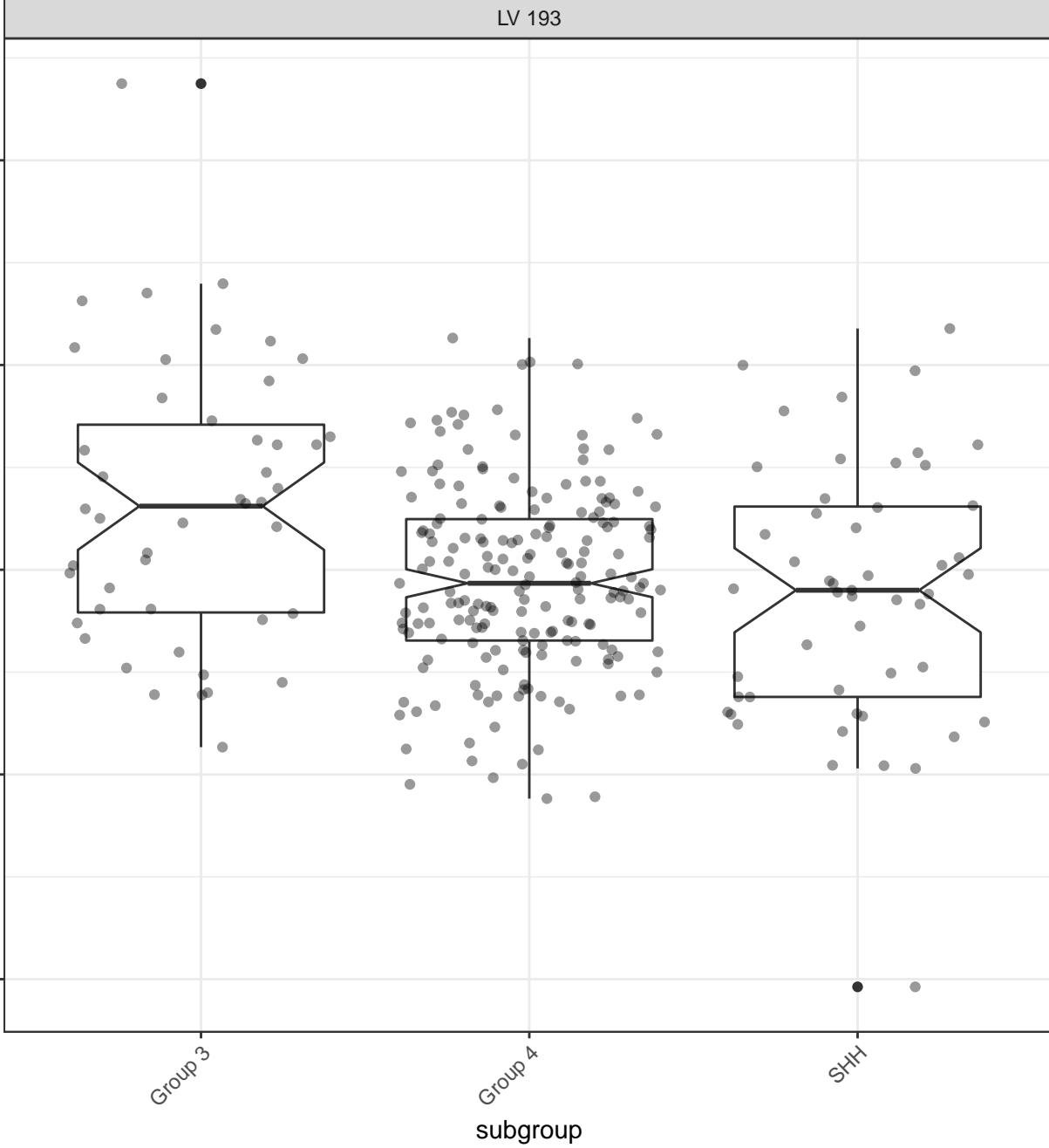
-0.10

Group 3

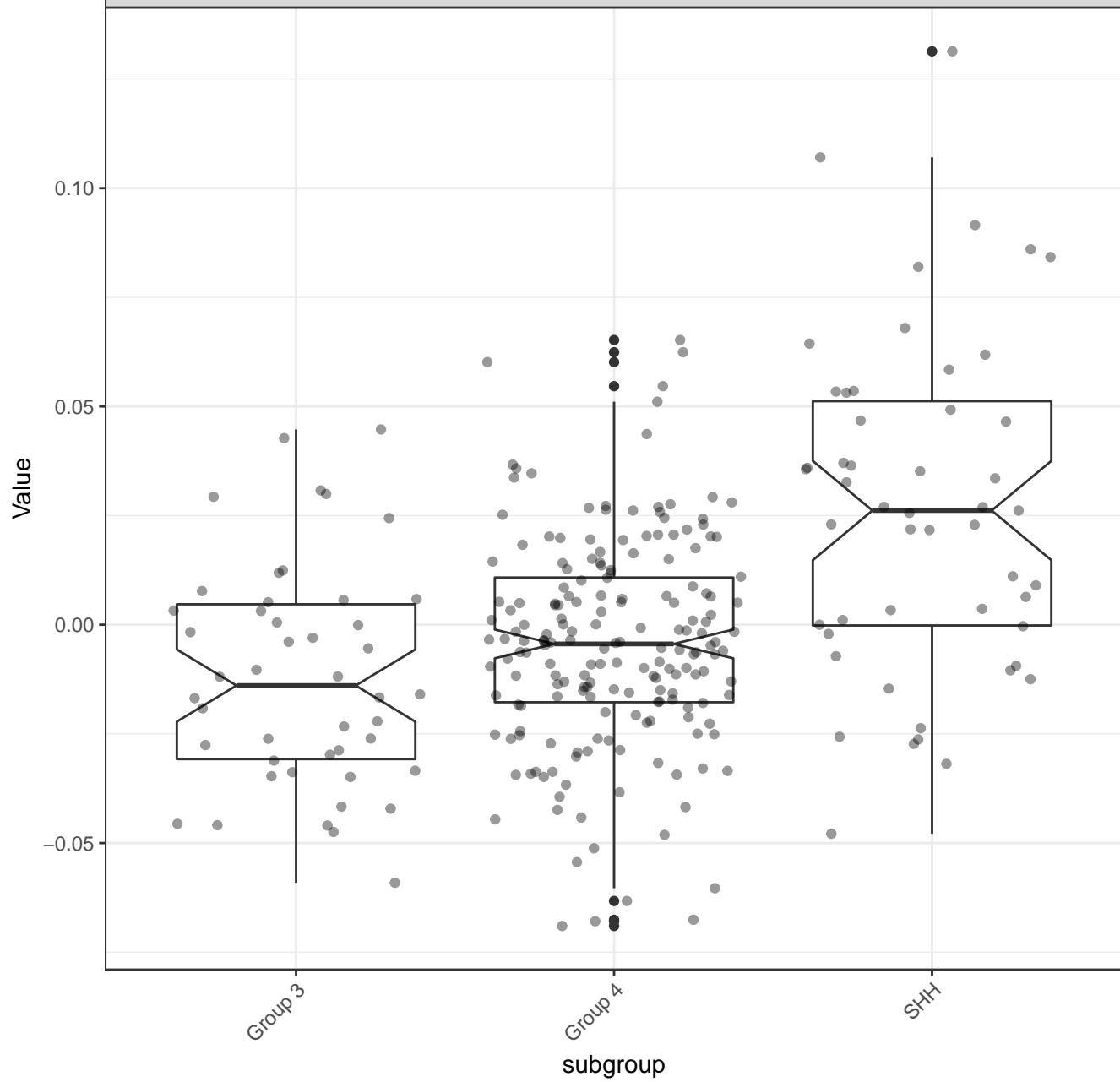
Group 4

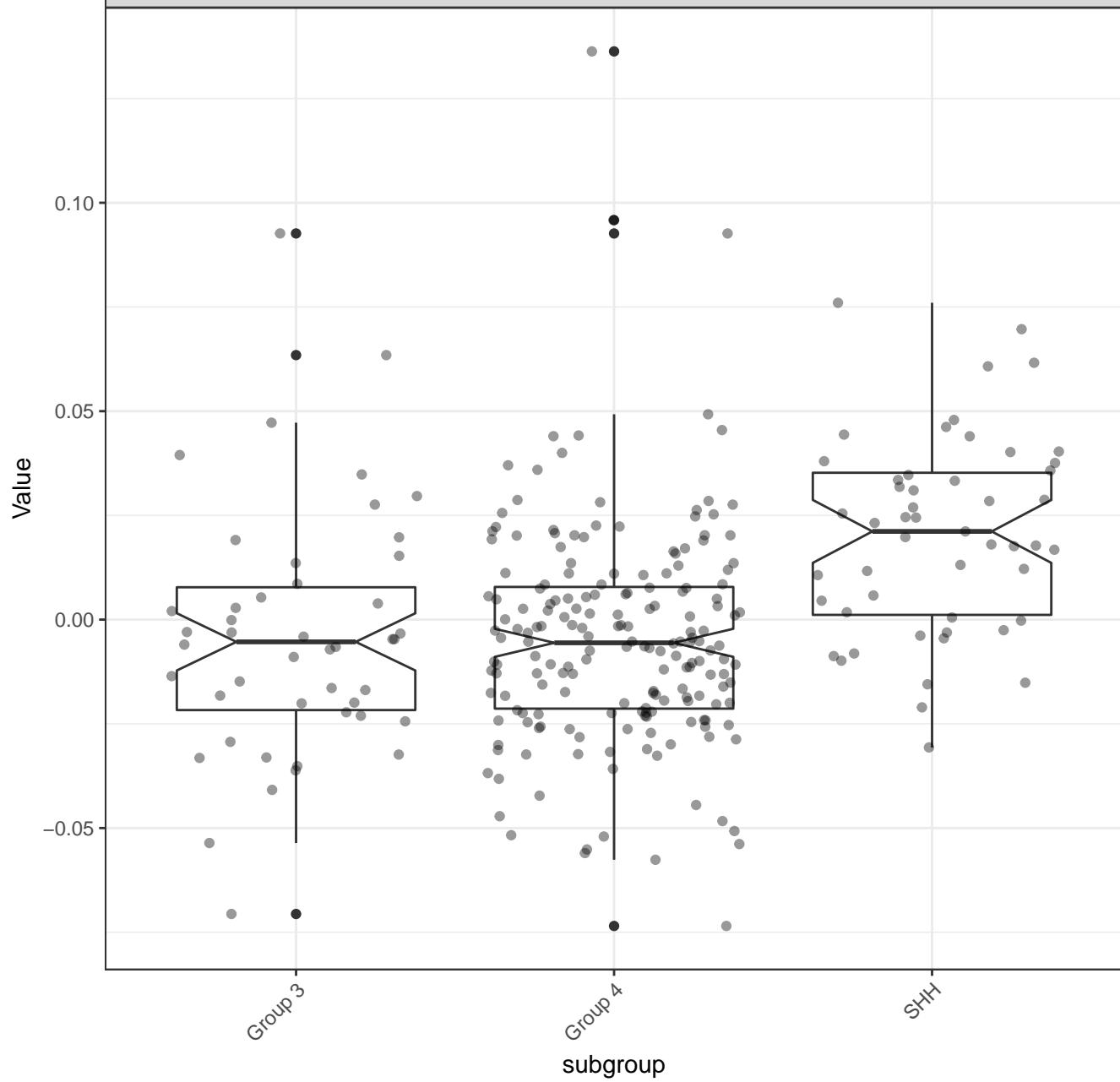
SHH

subgroup



LV 194





LV 196

Value

0.10

0.05

0.00

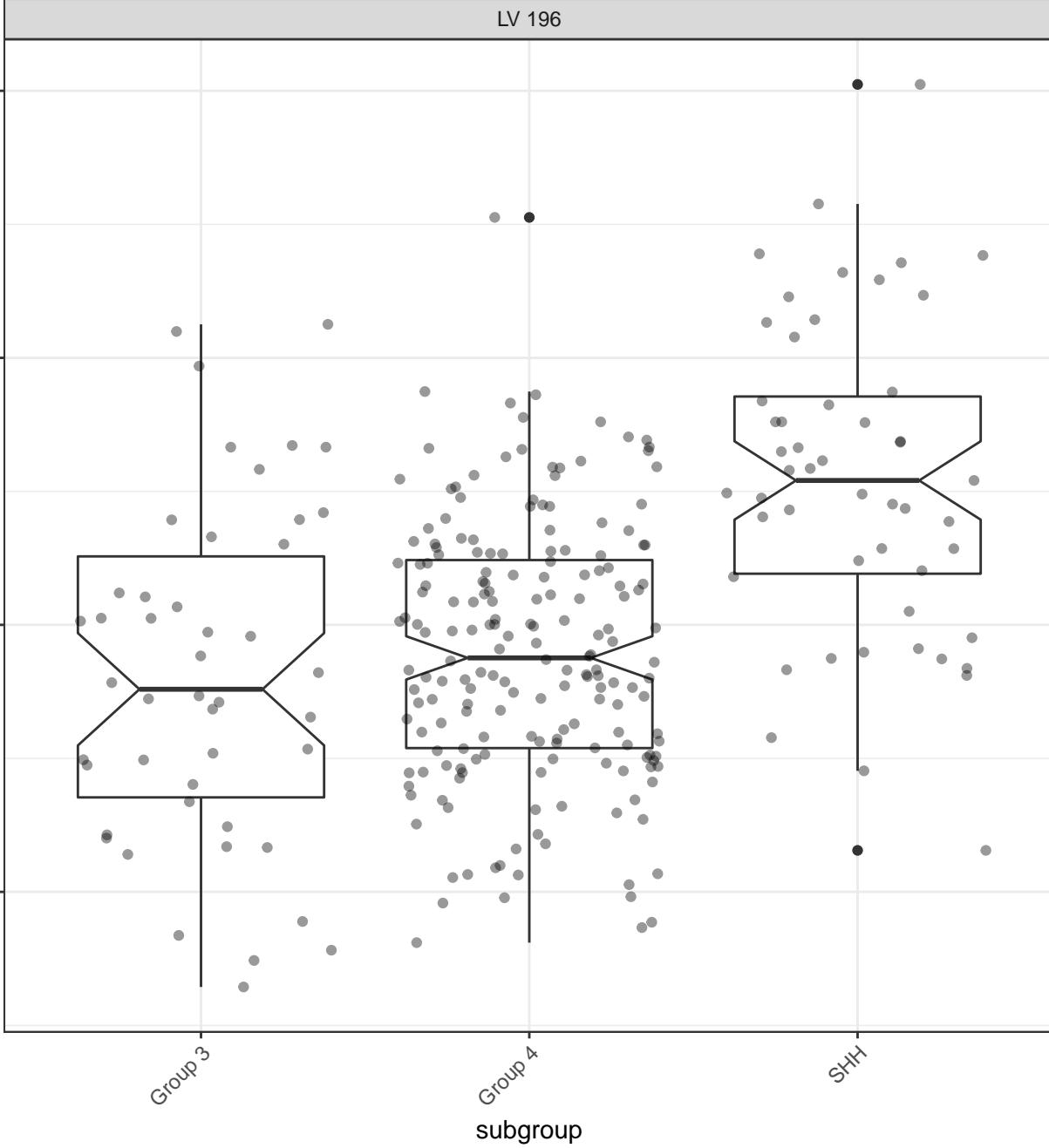
-0.05

Group 3

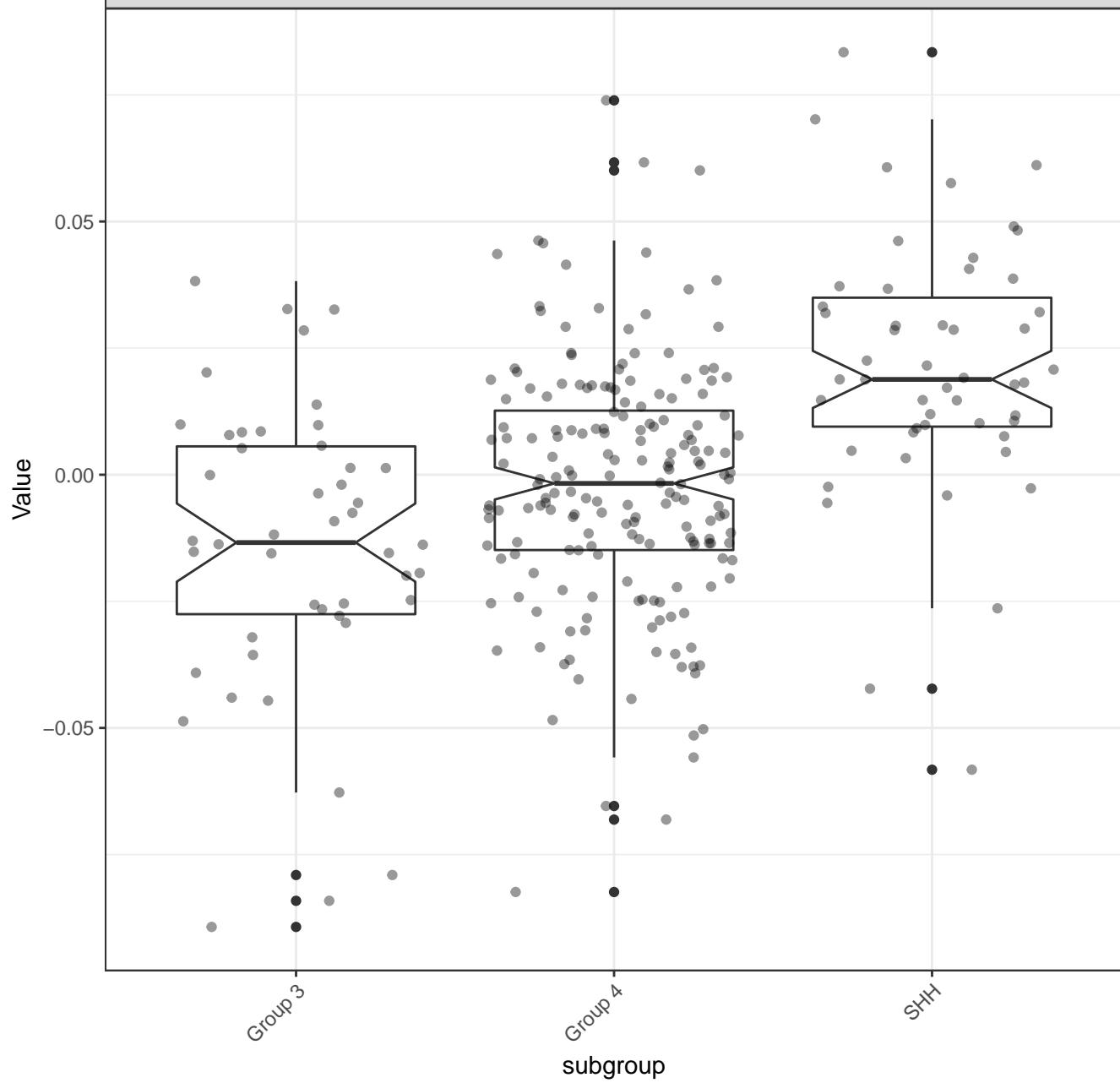
Group 4

SHH

subgroup



197,KEGG_ERBB_SIGNALING_PATHWAY



LV 198

Value

0.05

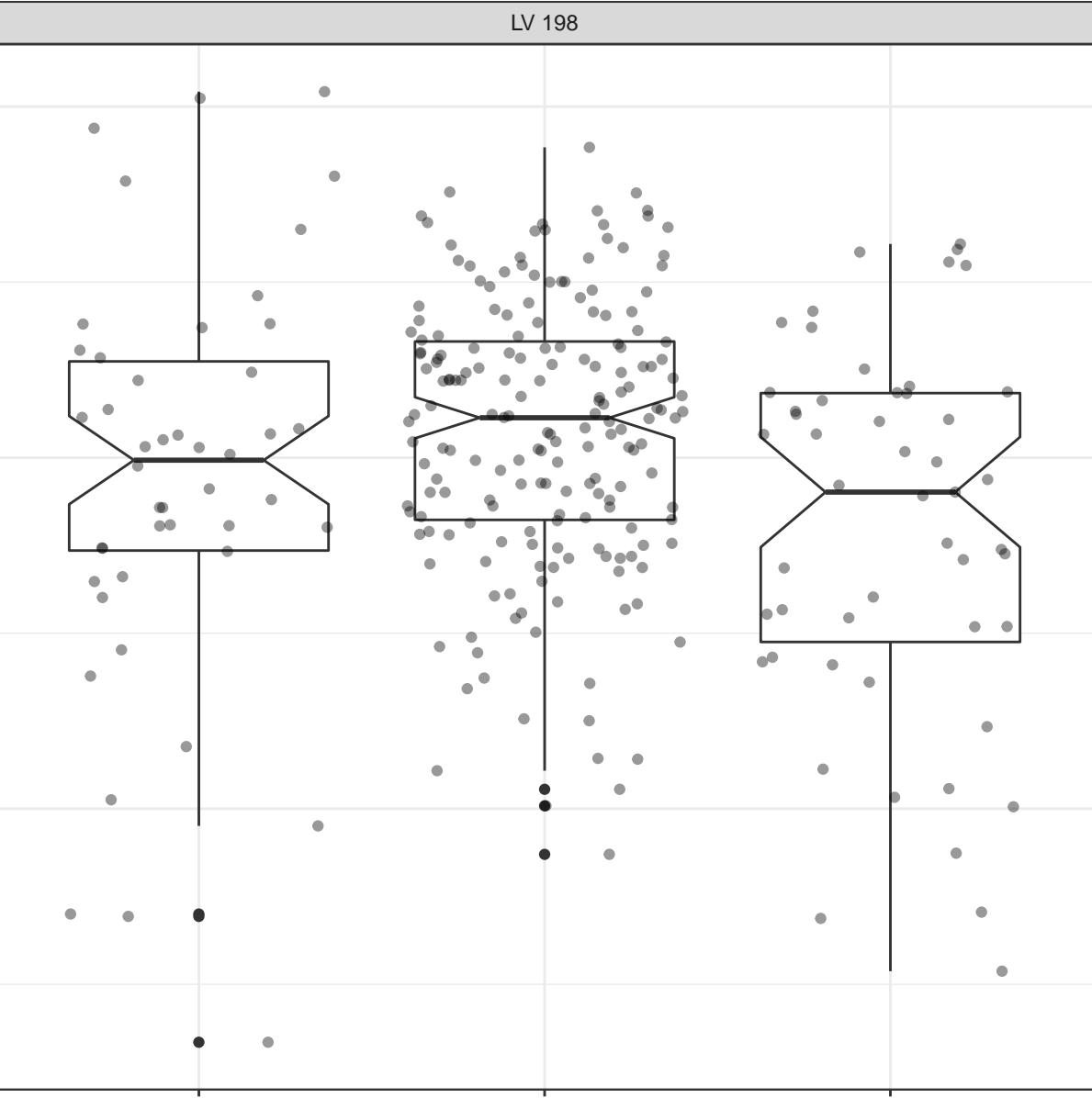
0.00

-0.05

Group 3

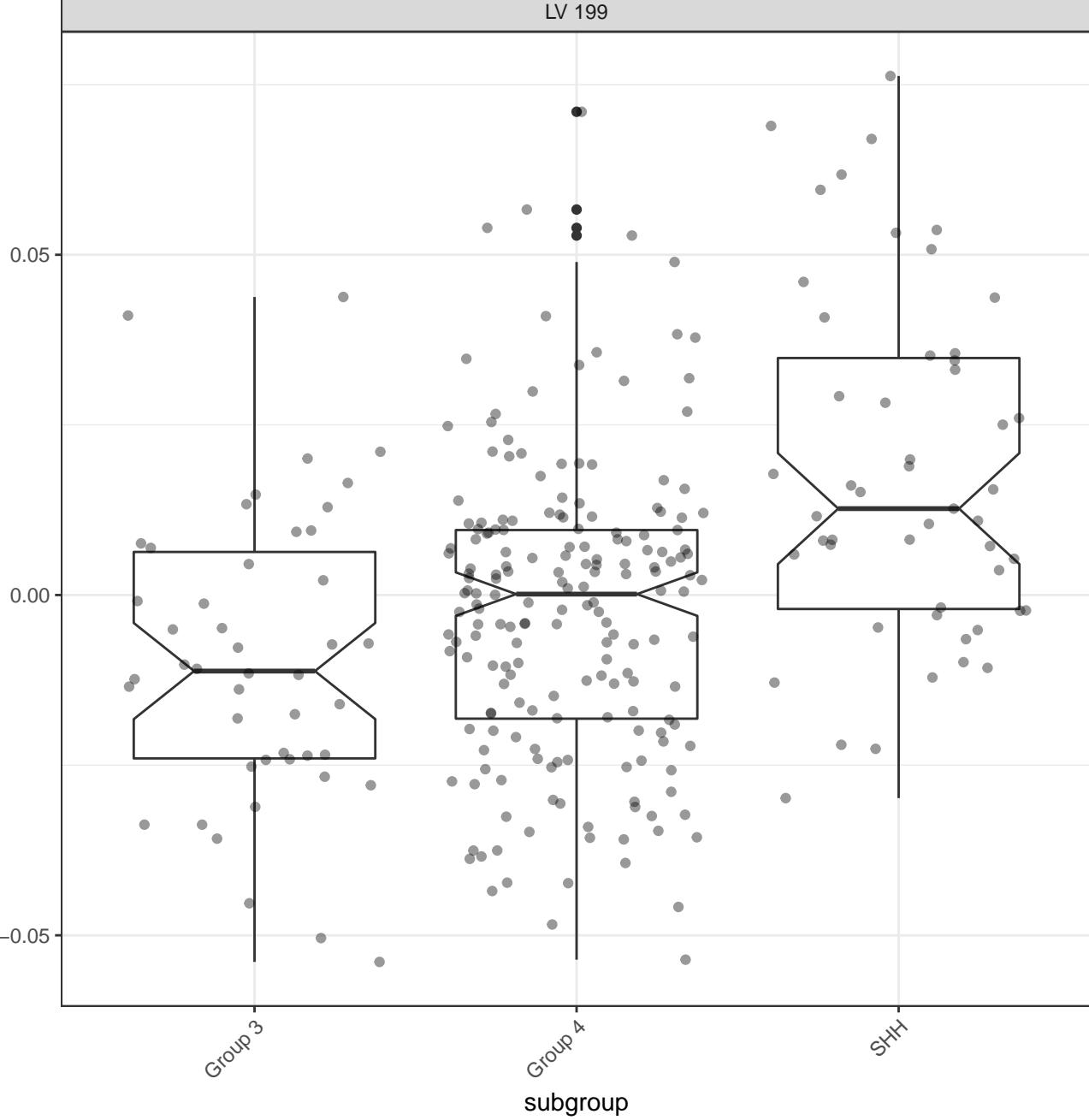
subgroup

SHH

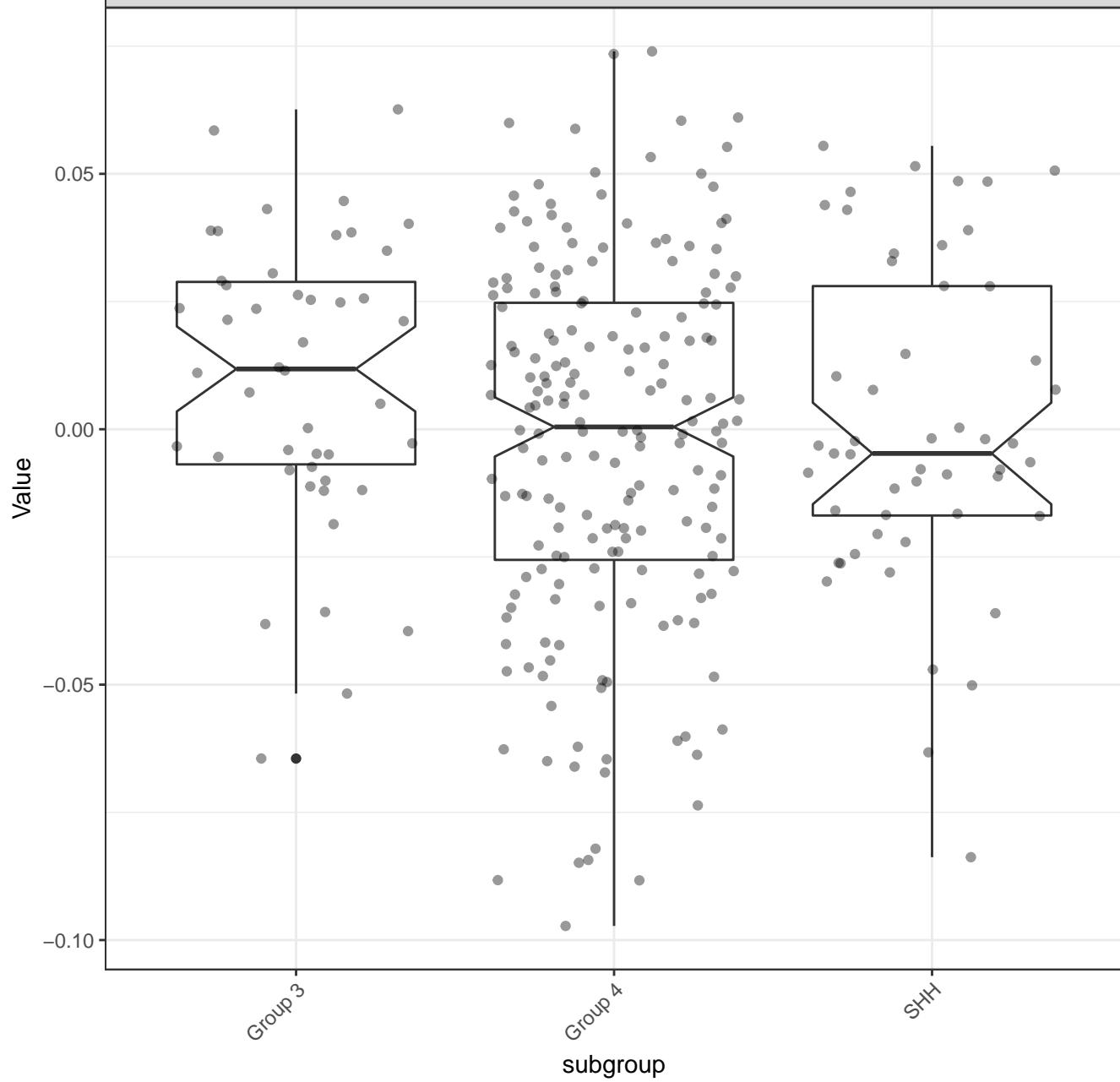


LV 199

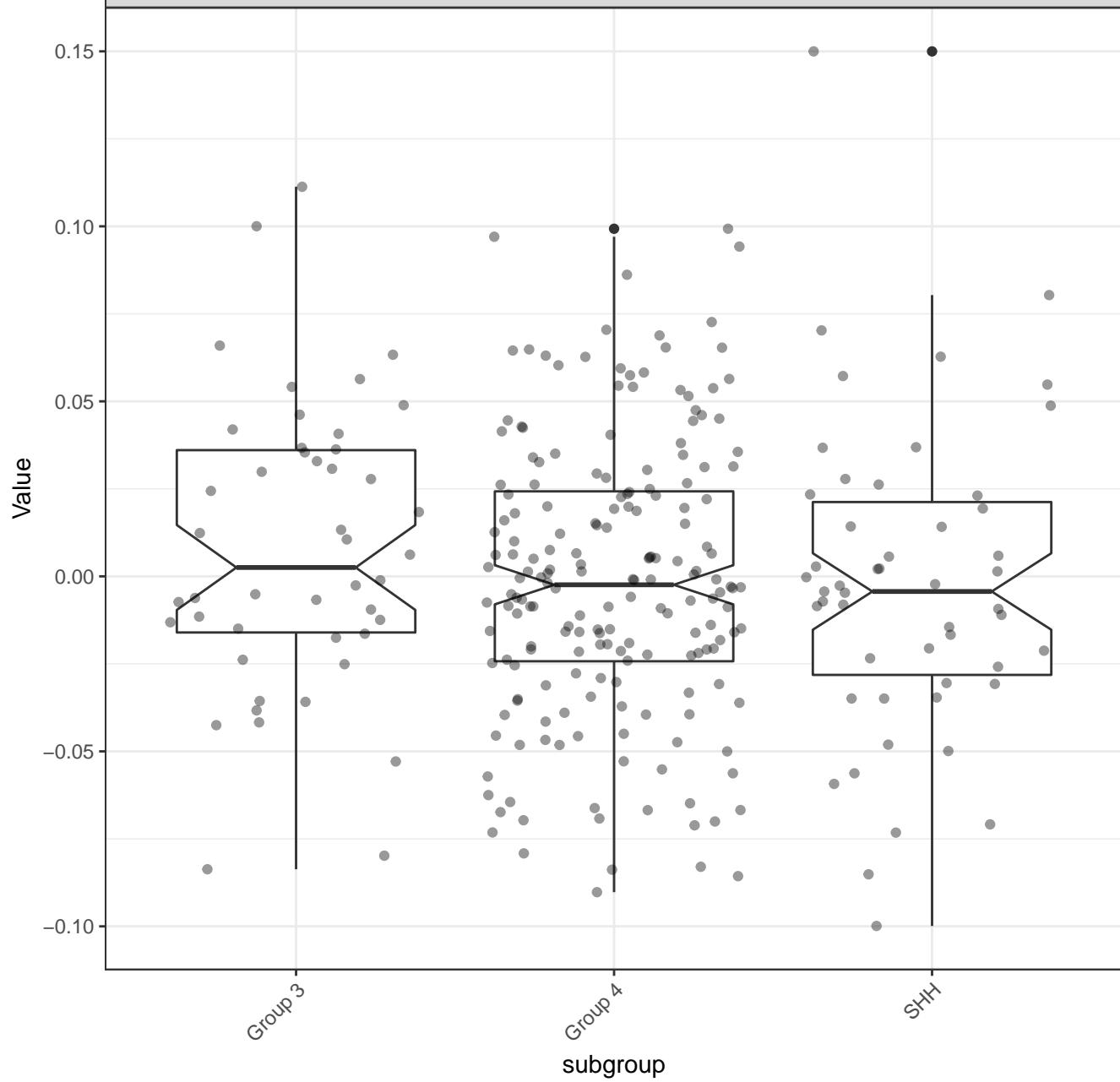
Value



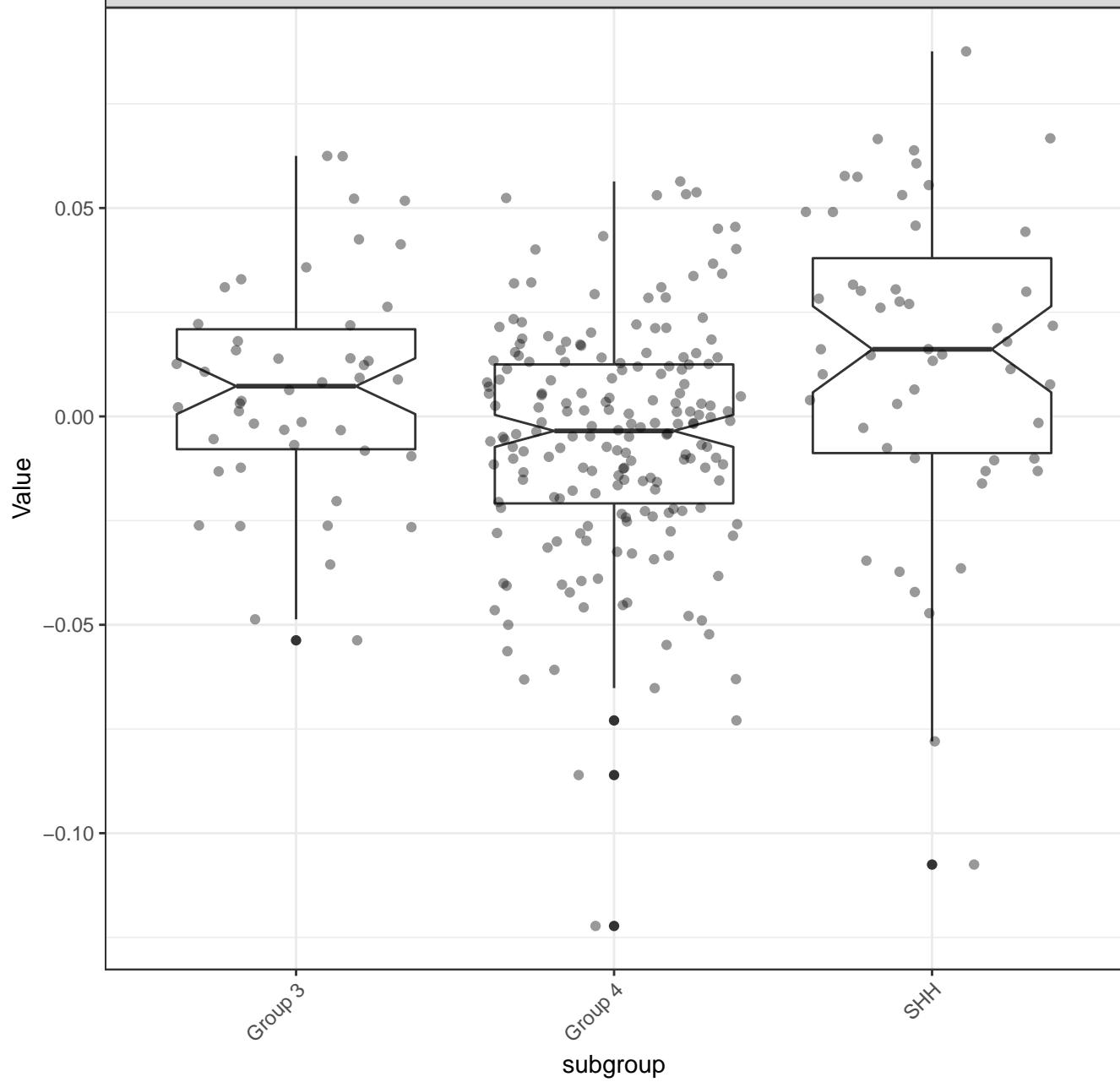
LV 200



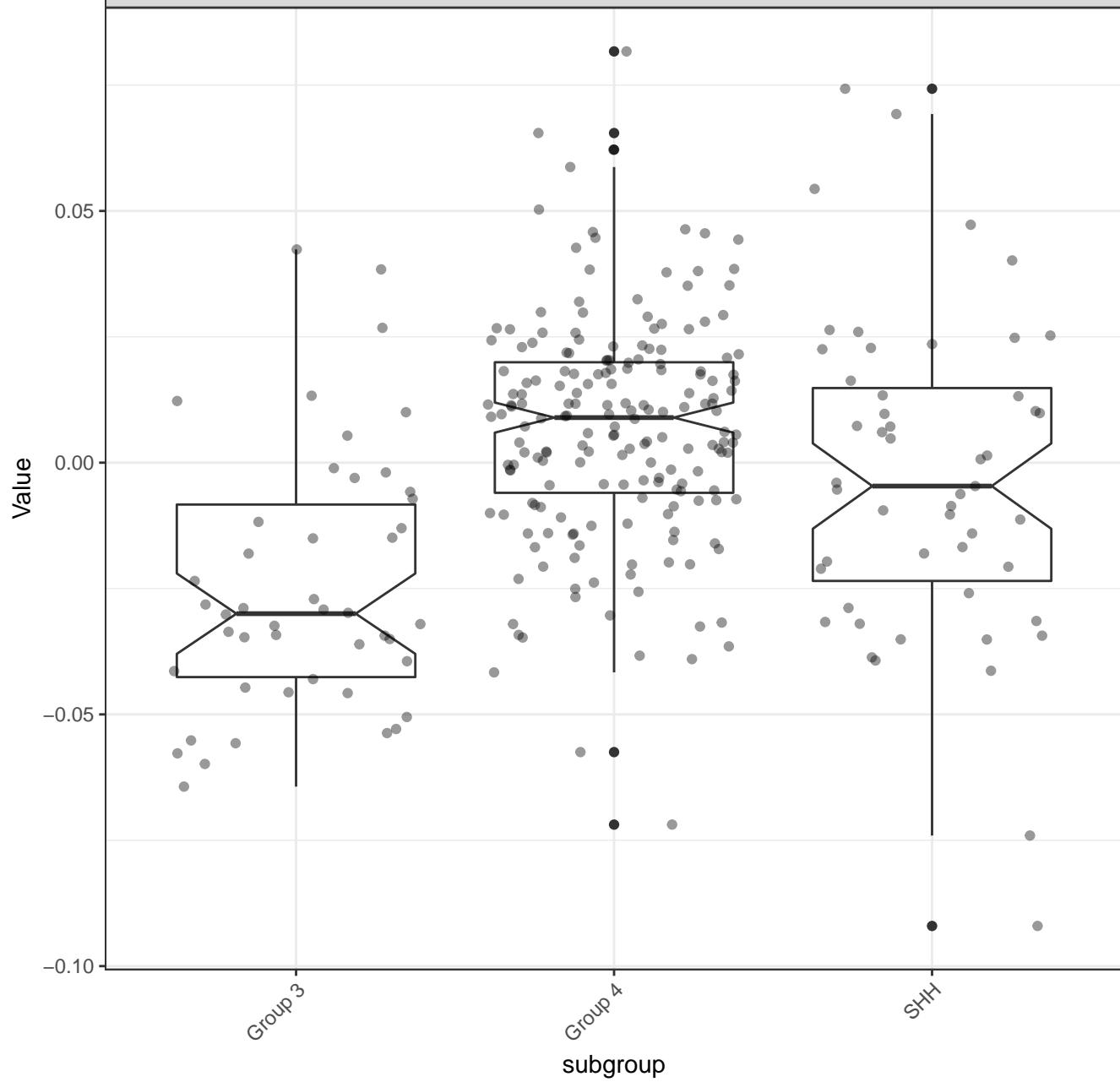
201,MIPS_MEDIATOR_COMPLEX

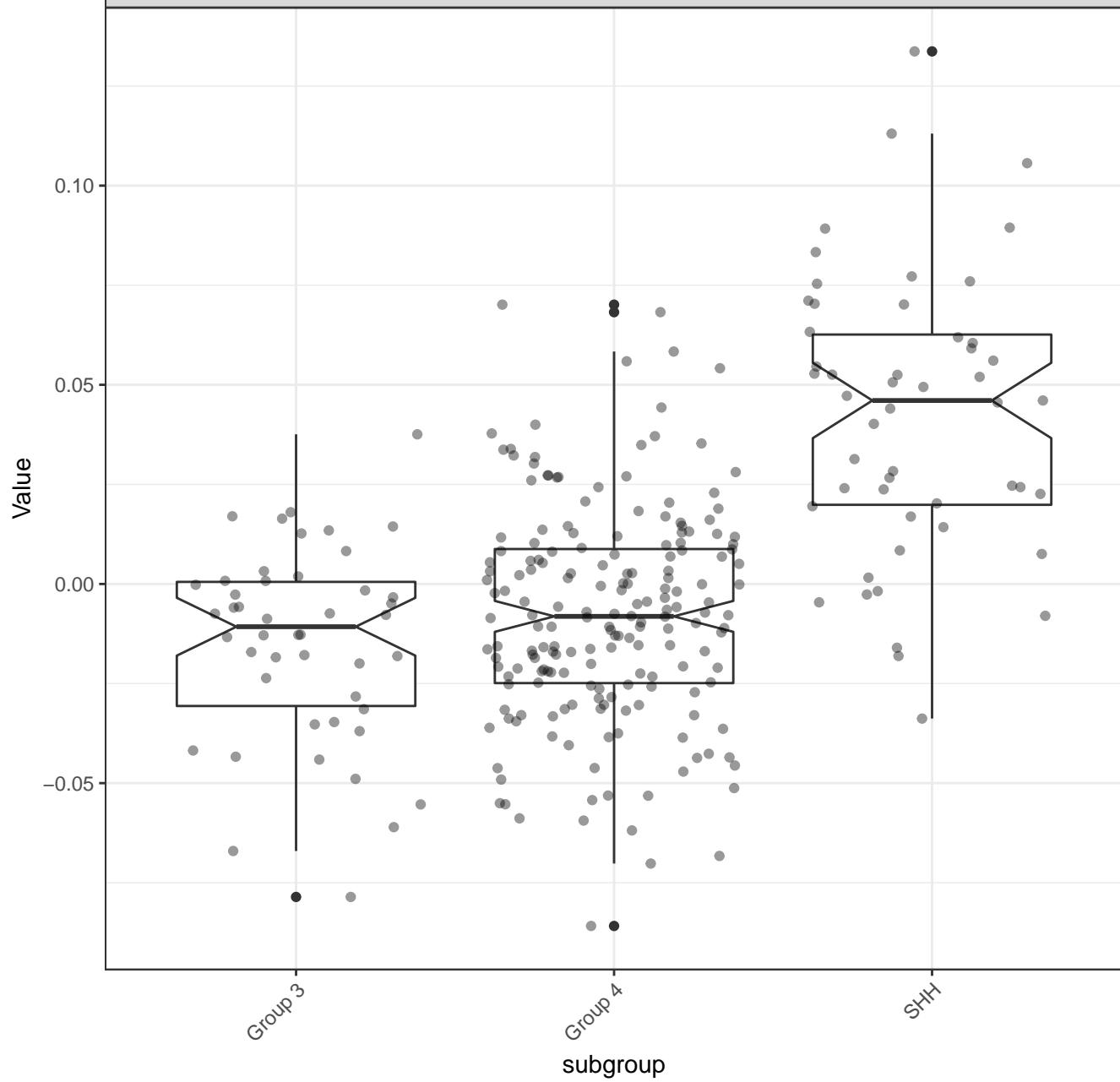


LV 202

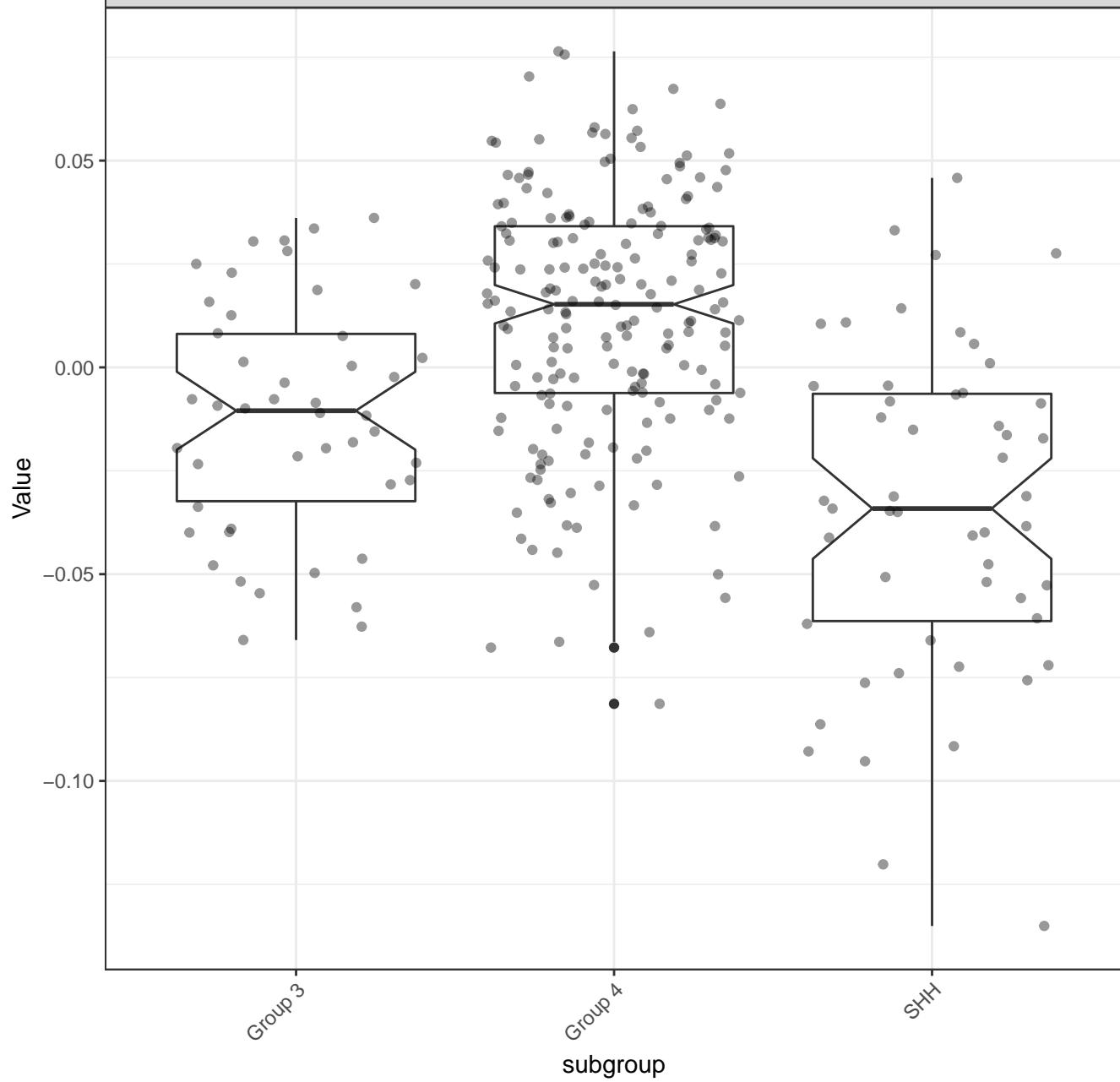


LV 203





LV 205



LV 206

Value

0.05

0.00

-0.05

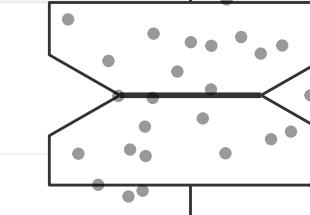
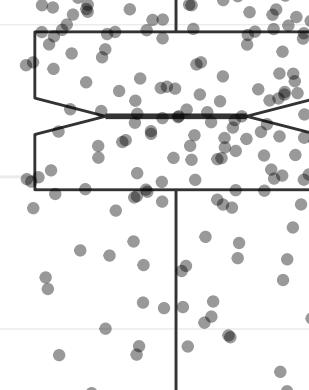
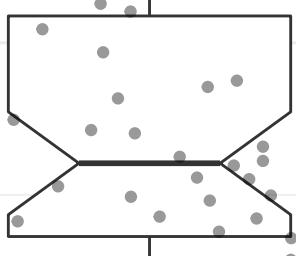
-0.10

Group 3

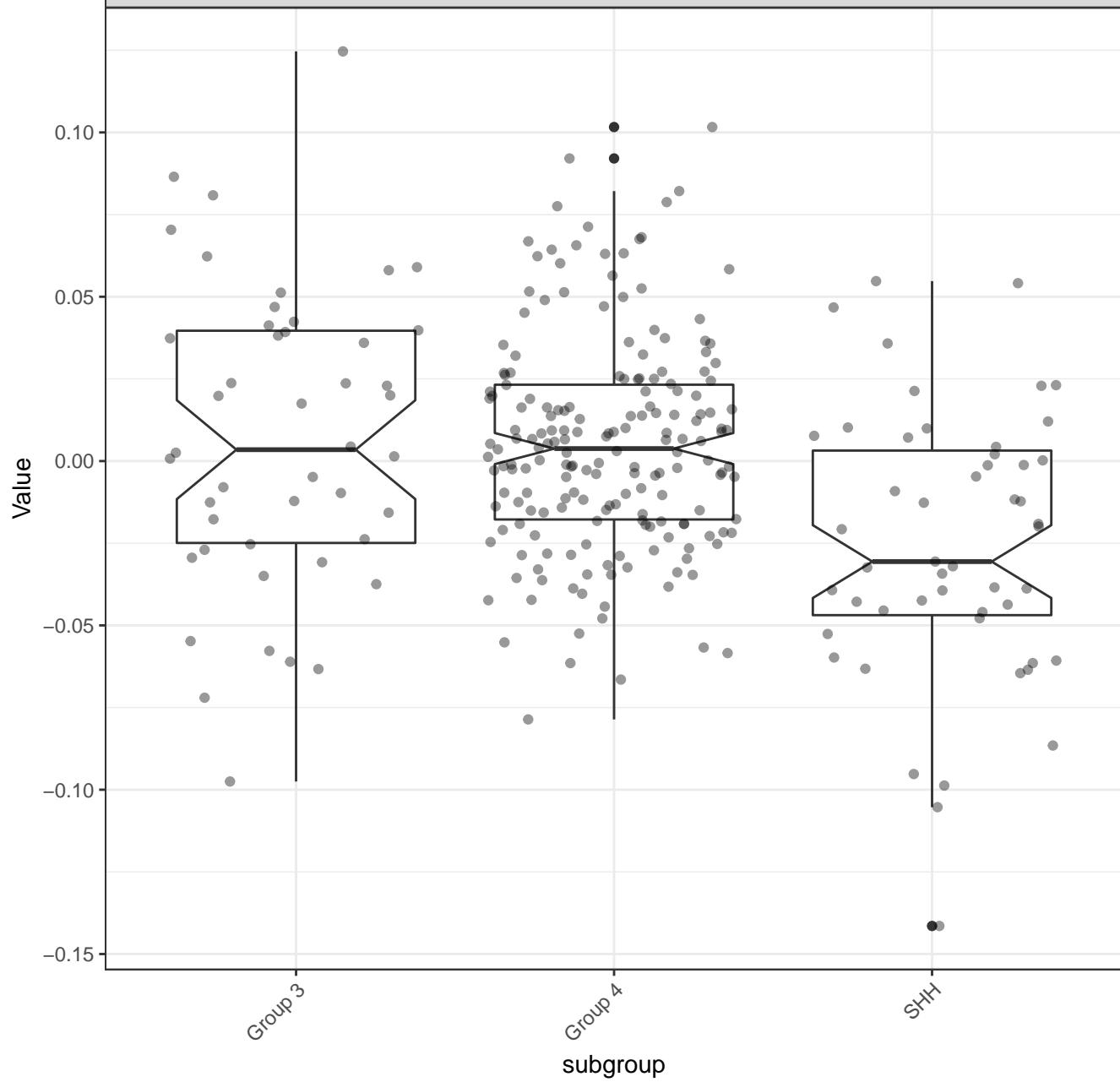
subgroup

Group 4

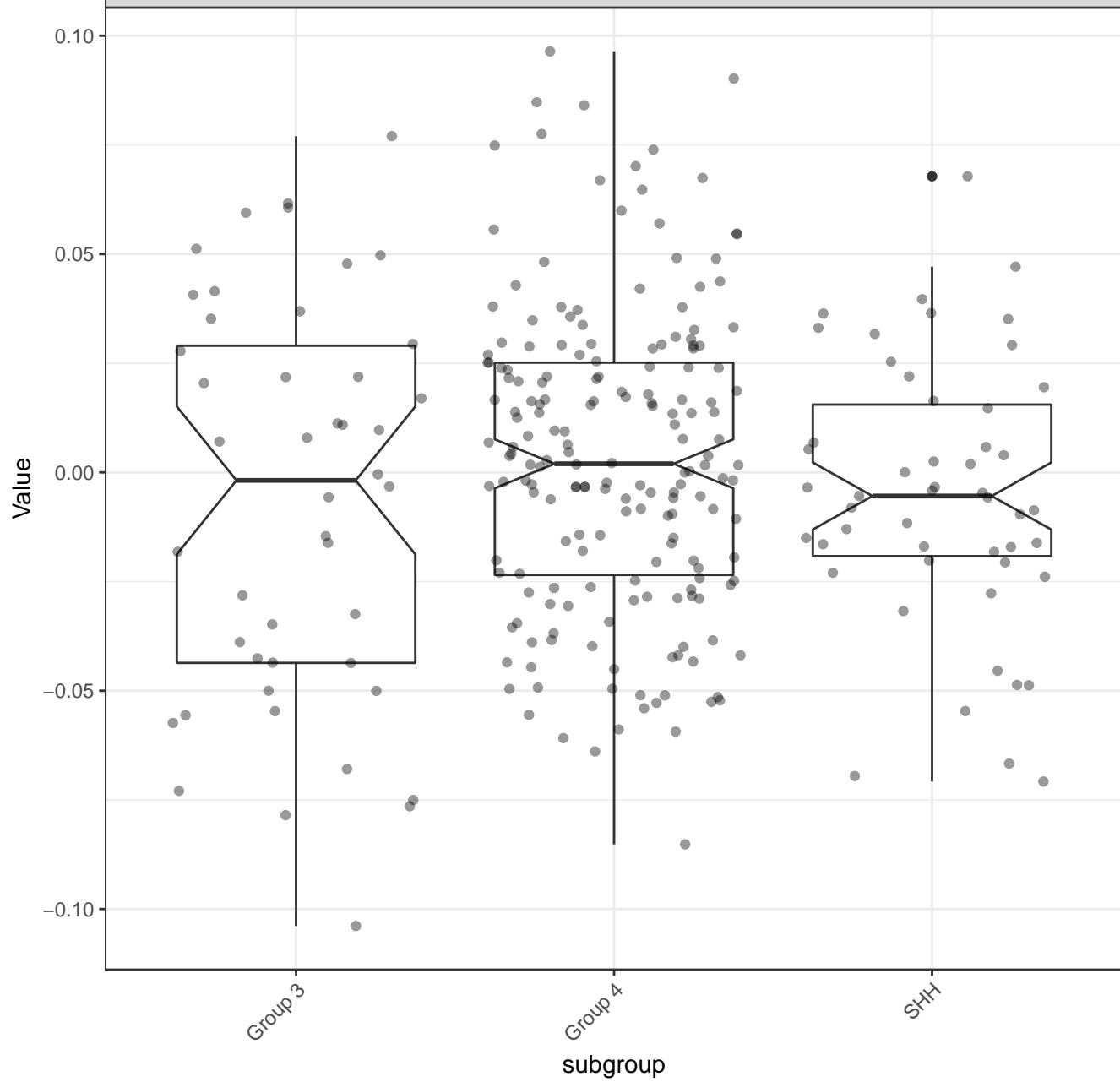
SHH



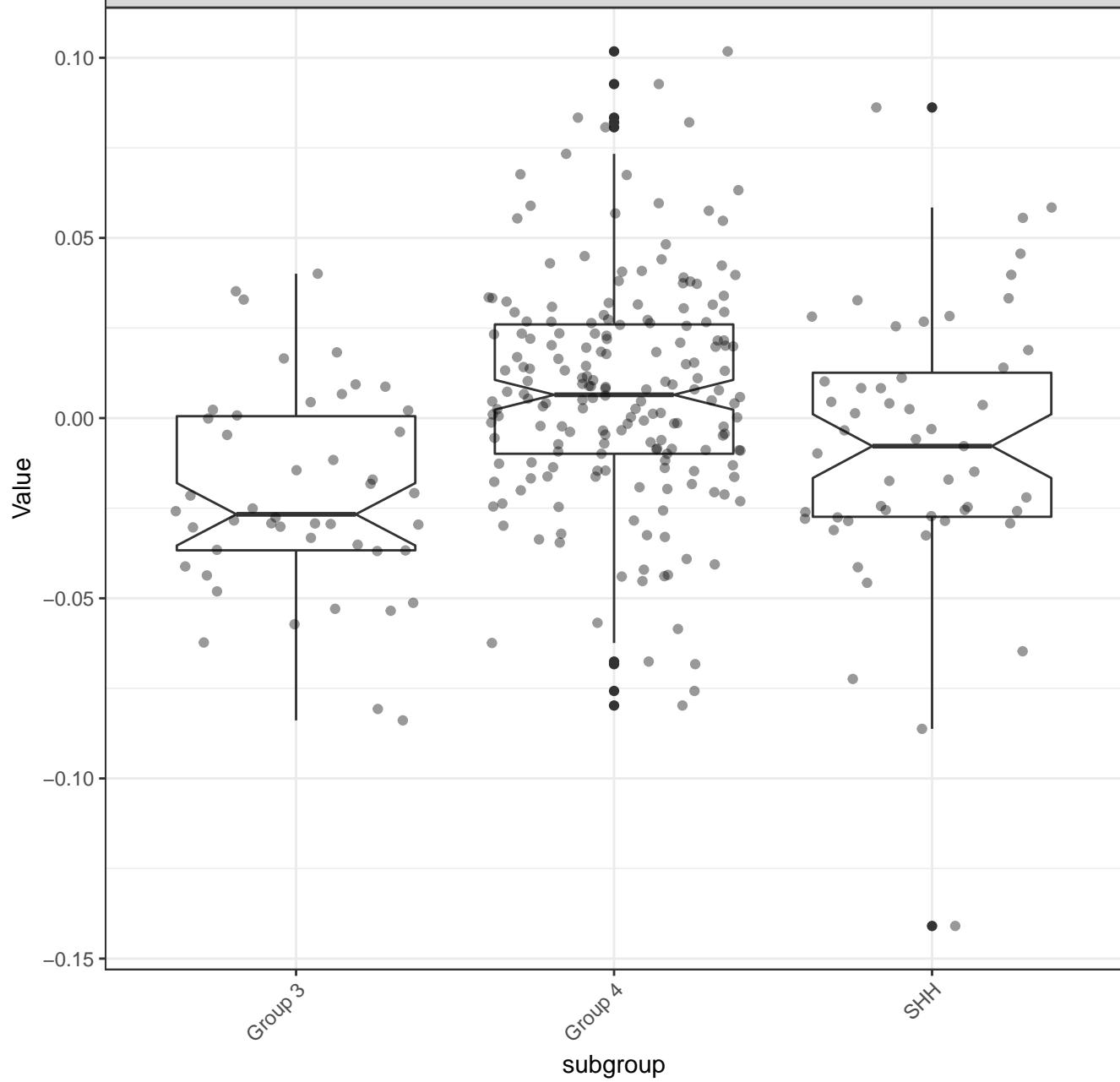
LV 207



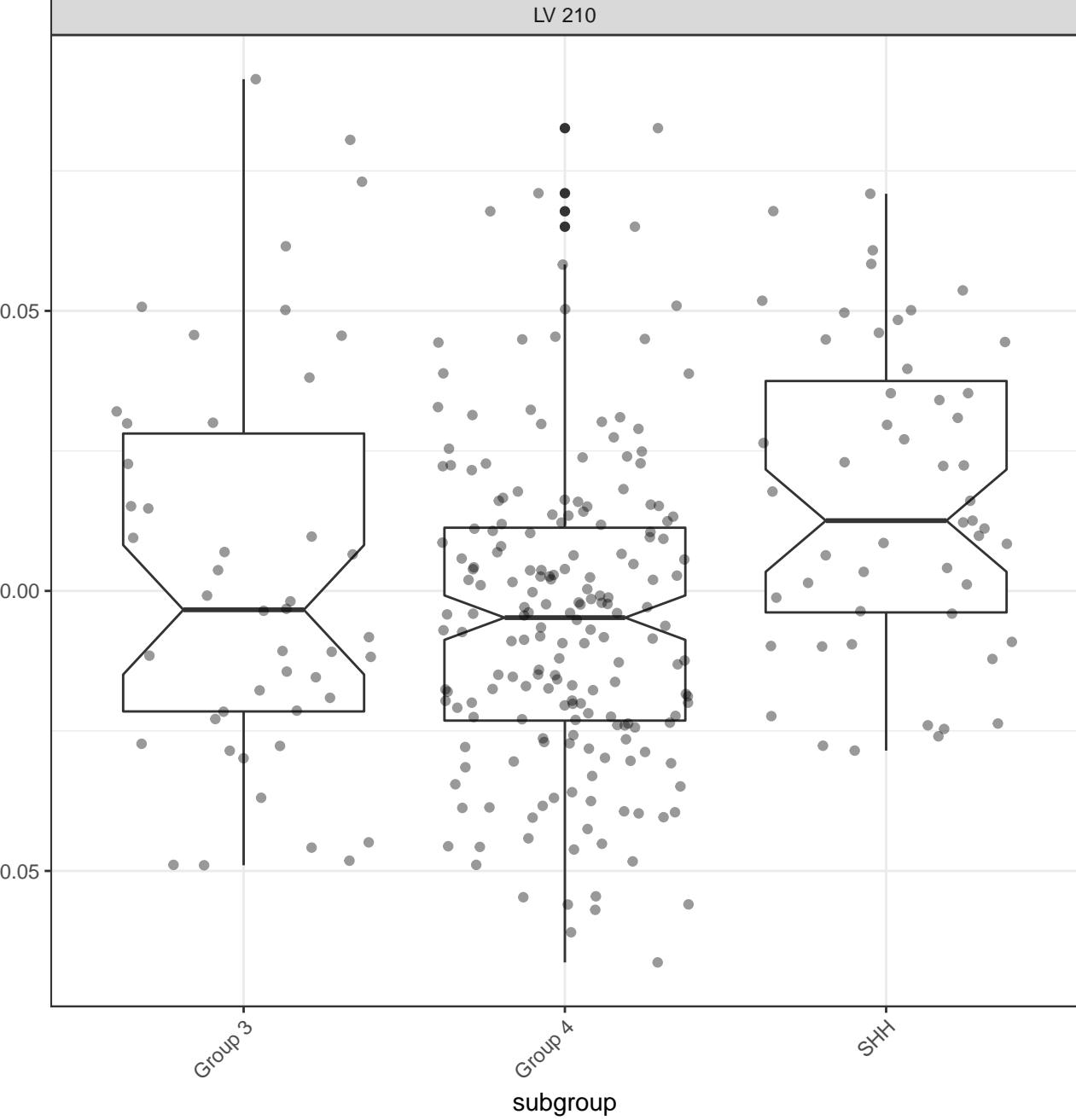
LV 208



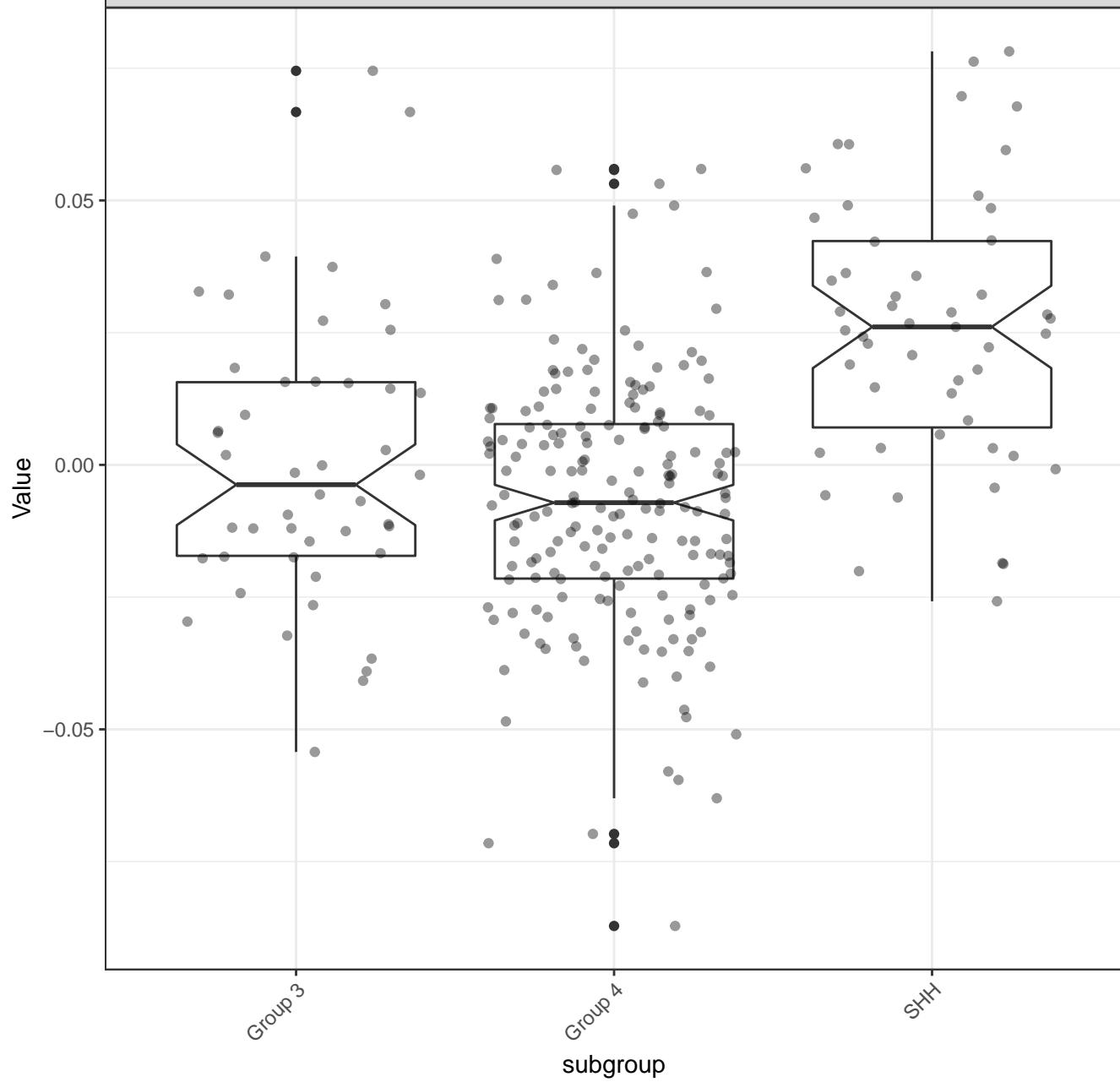
LV 209



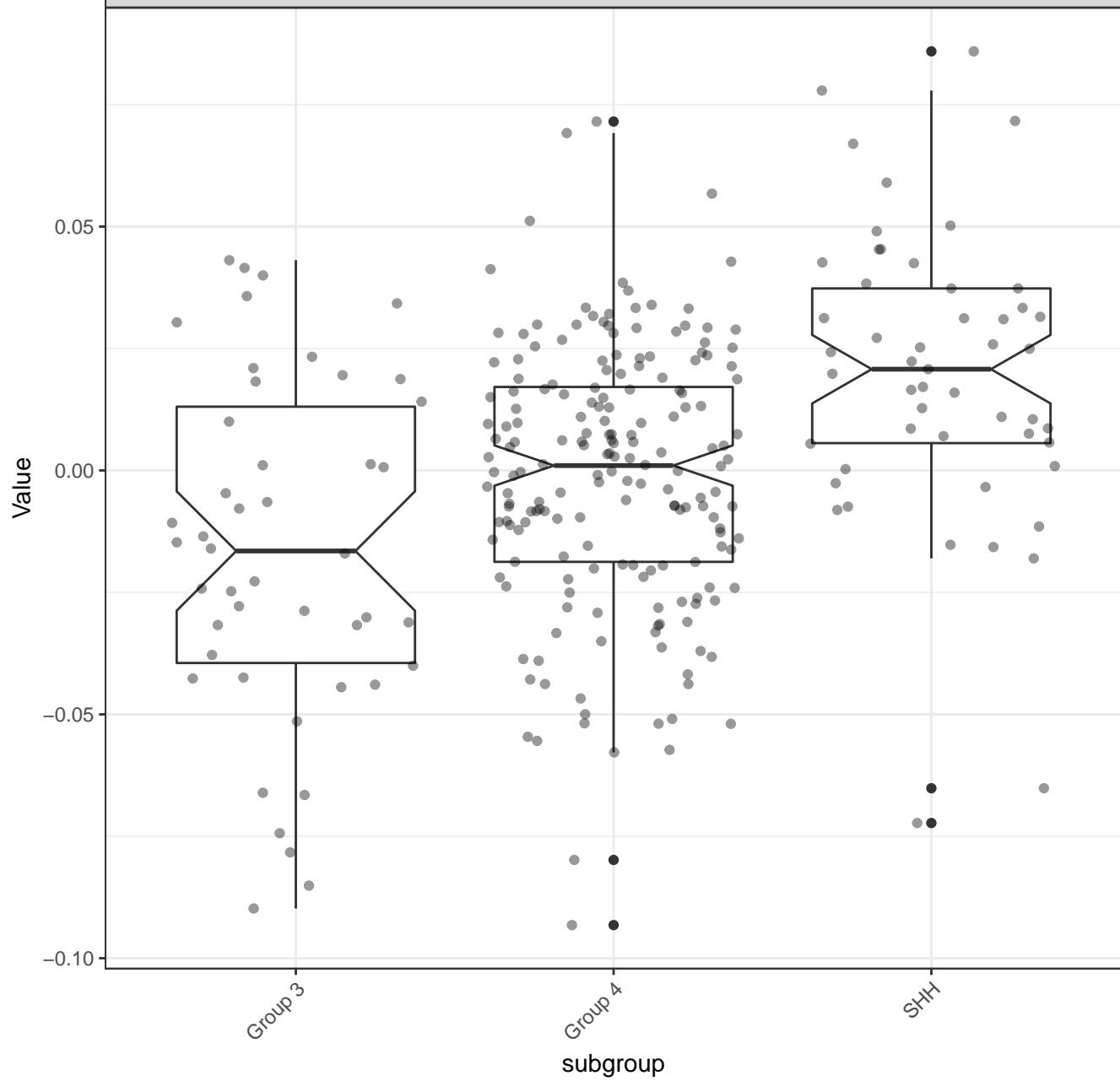
Value



LV 211



LV 212



LV 213

Value

0.10

0.05

0.00

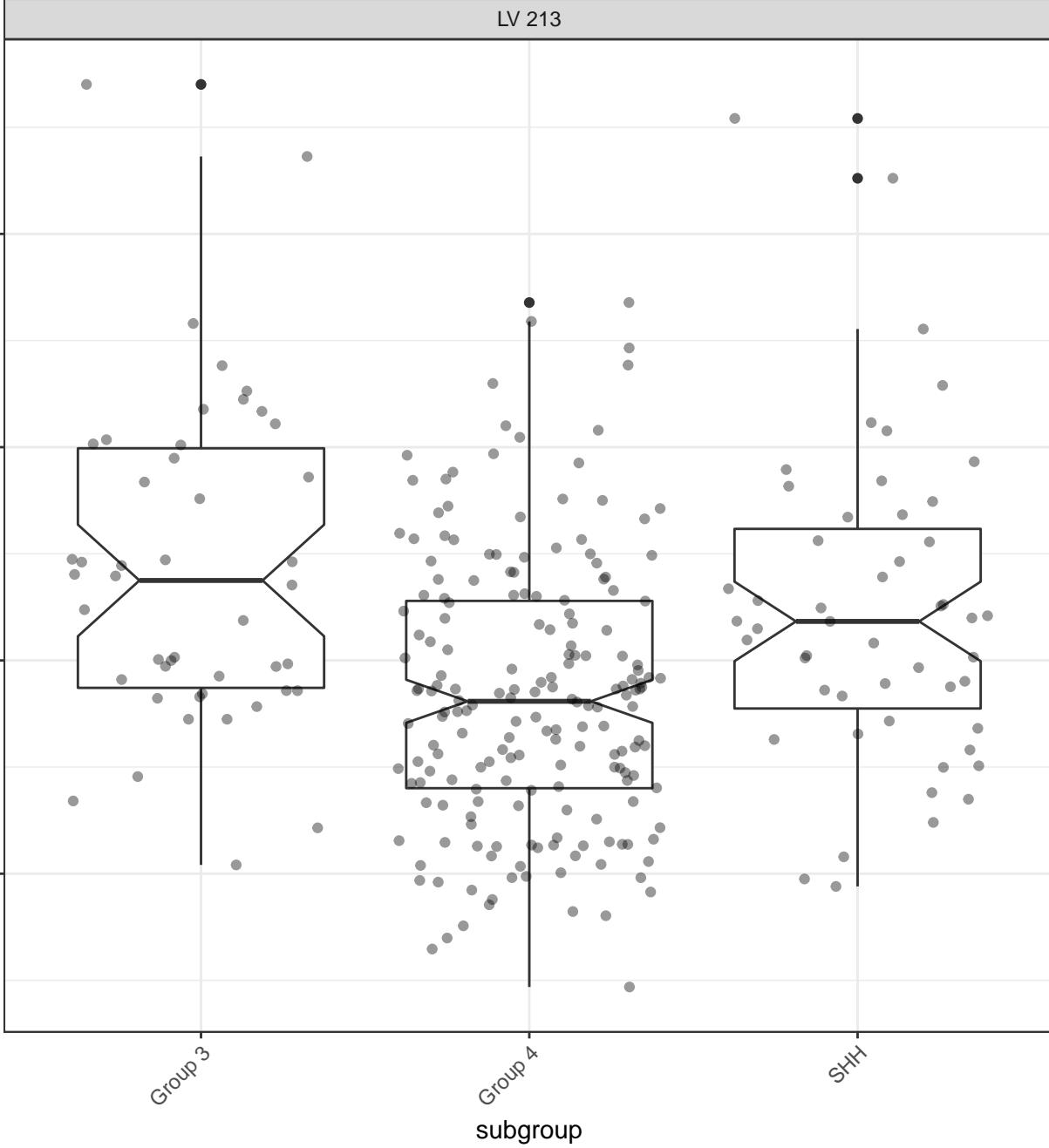
-0.05

Group 3

Group 4

SHH

subgroup



Value

0.05

0.00

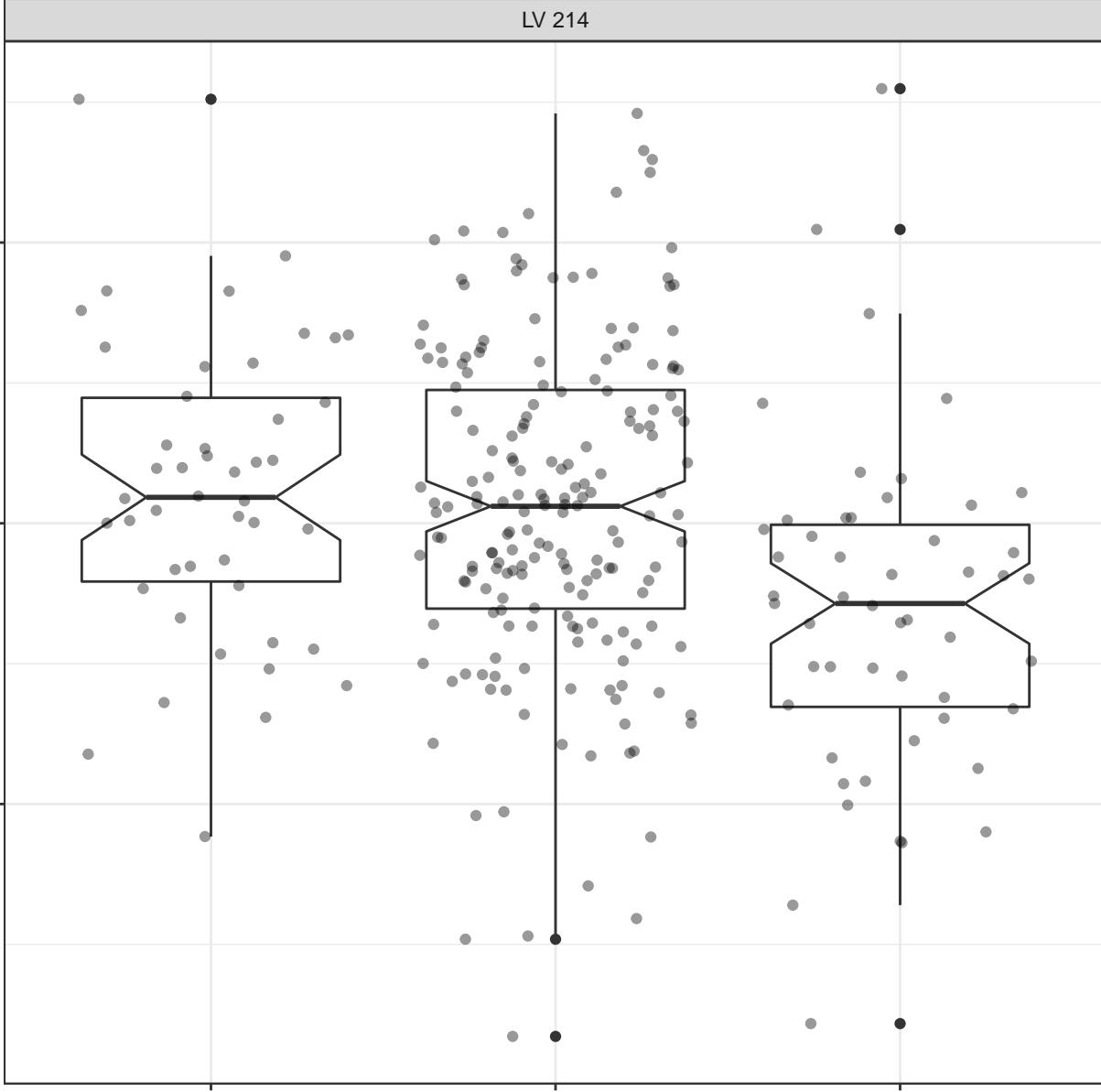
-0.05

Group 3

subgroup

Group 4

SHH



LV 215

Value

0.10

0.05

0.00

-0.05

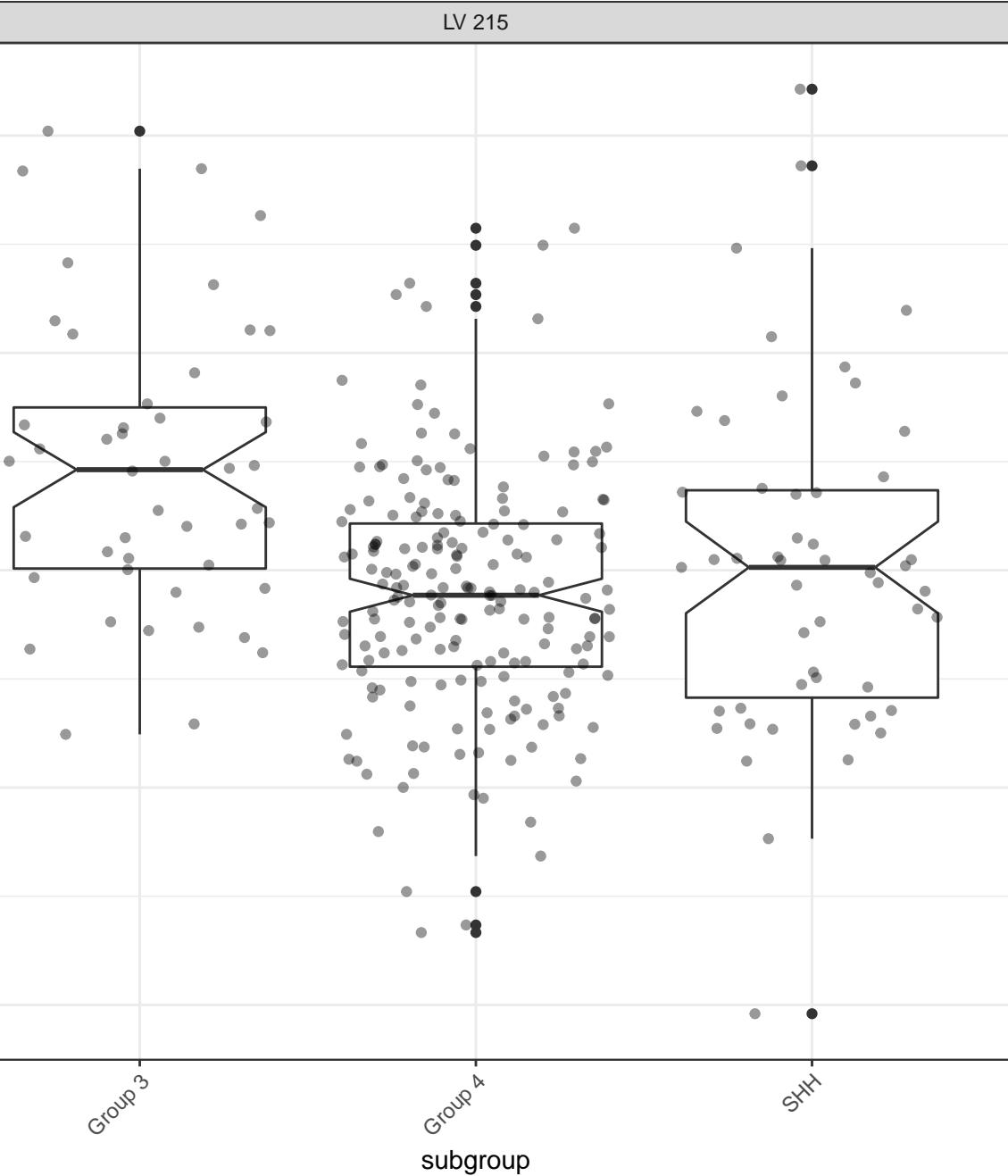
-0.10

Group 3

Group 4

SHH

subgroup



LV 216

Value

0.05

0.00

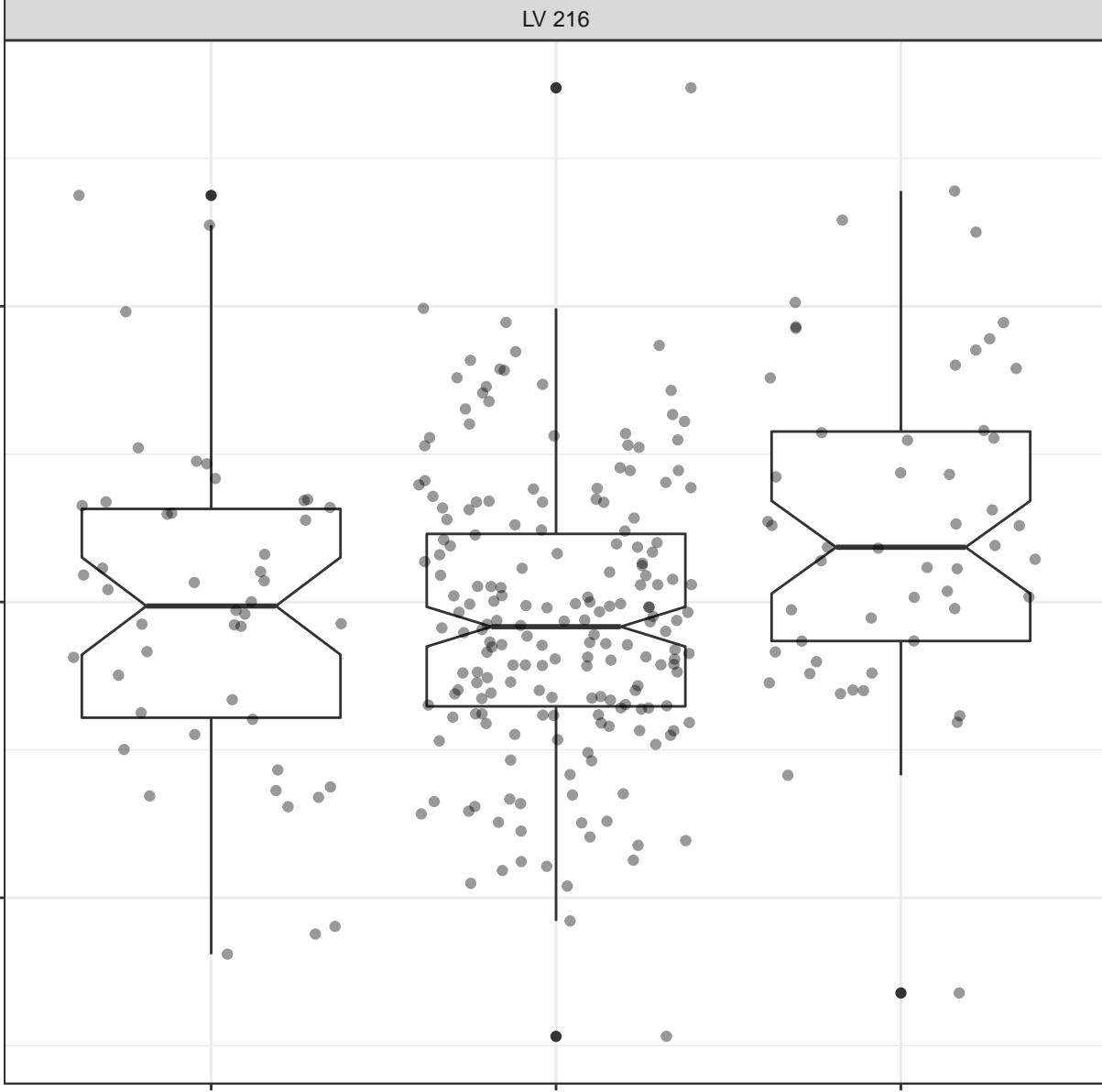
-0.05

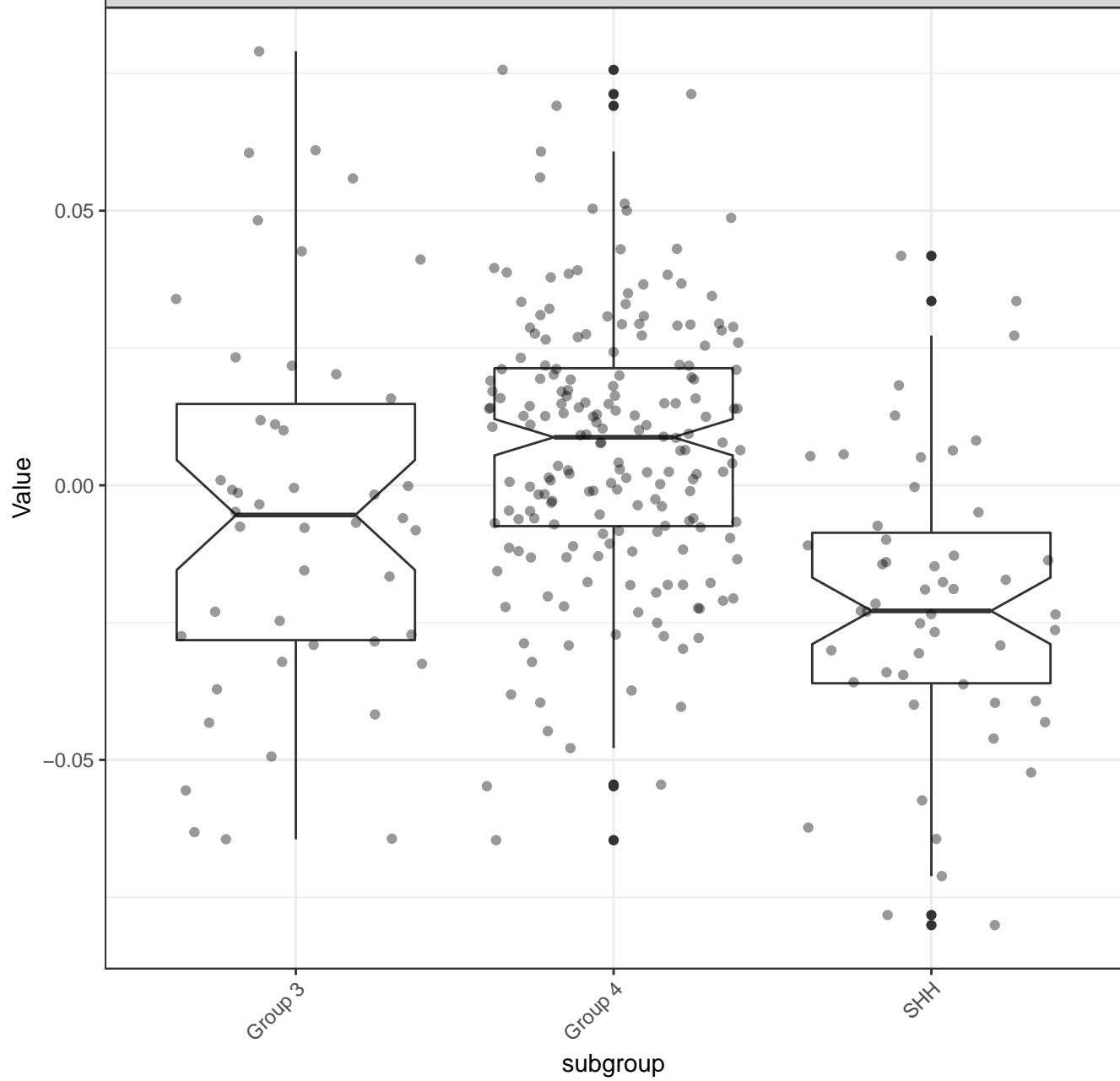
Group 3

subgroup

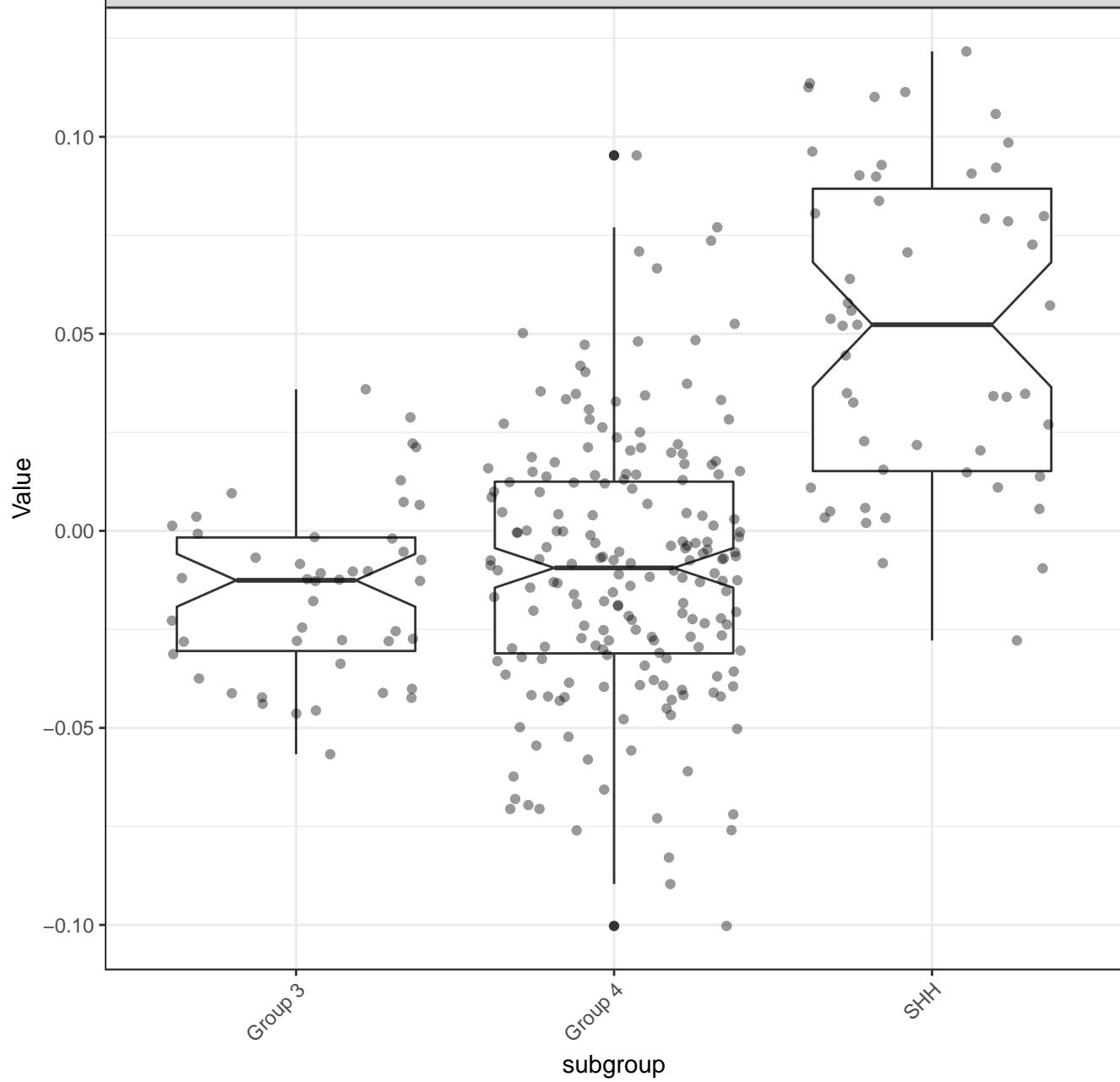
Group 4

SHH

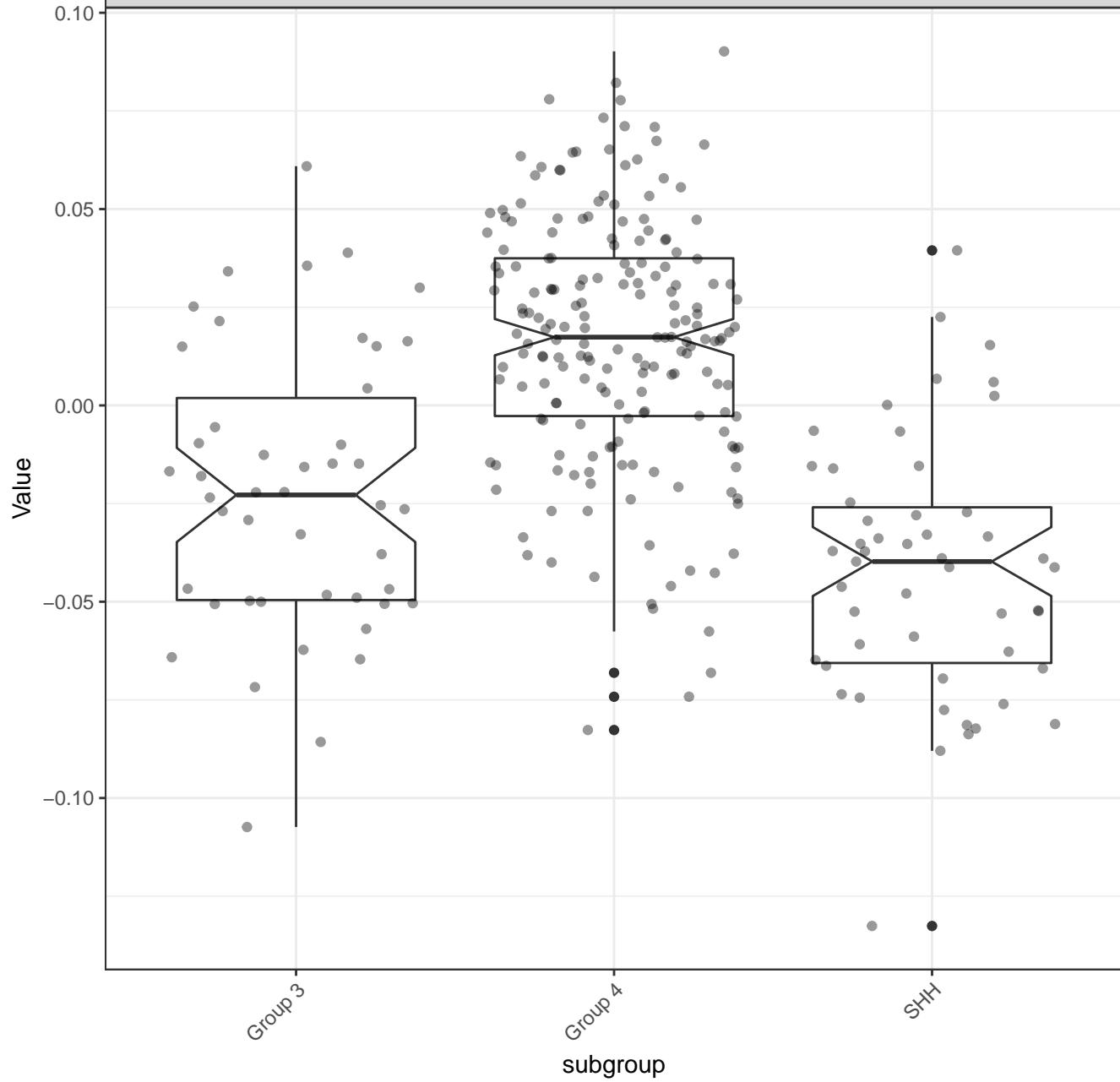




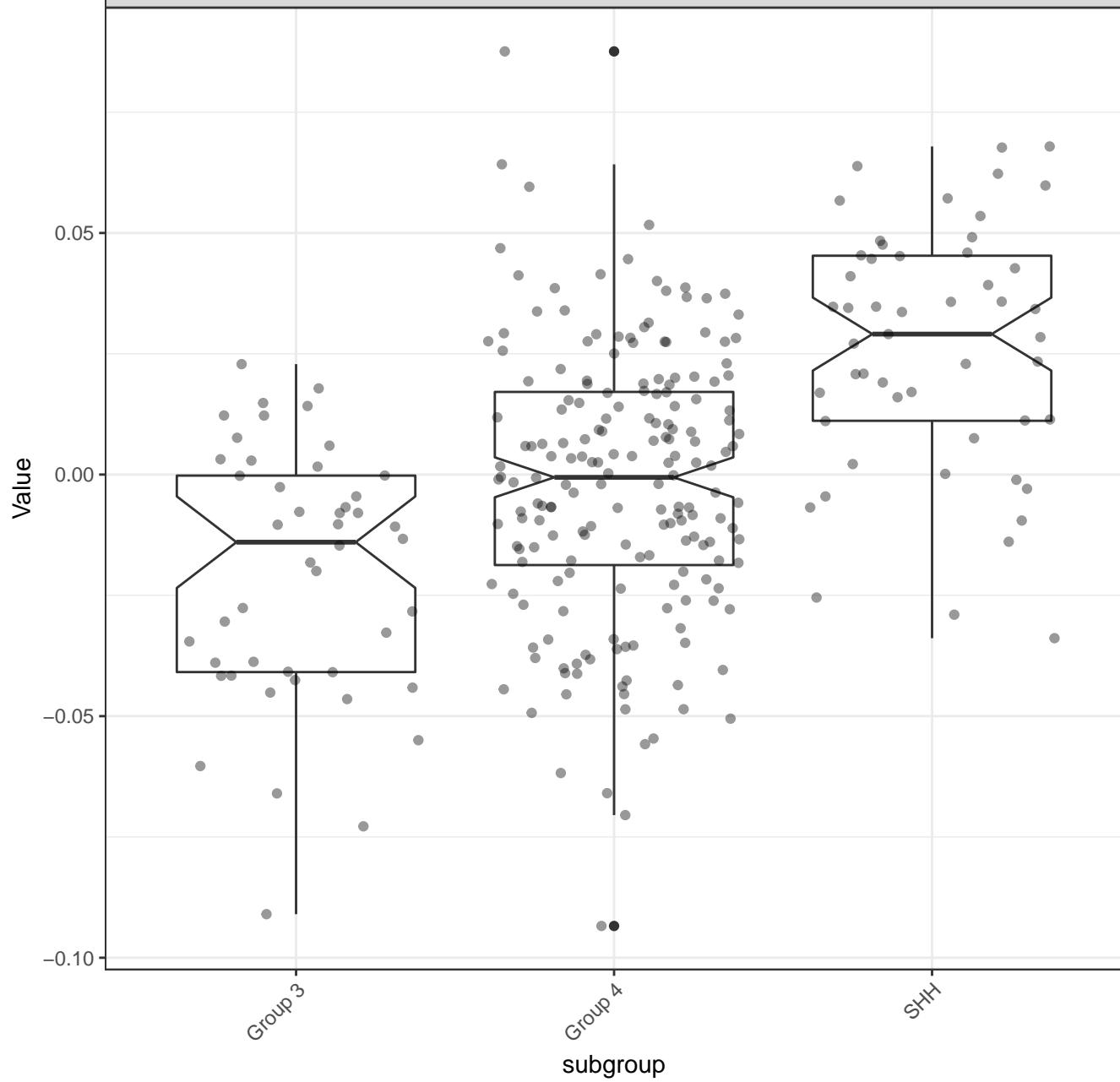
LV 218

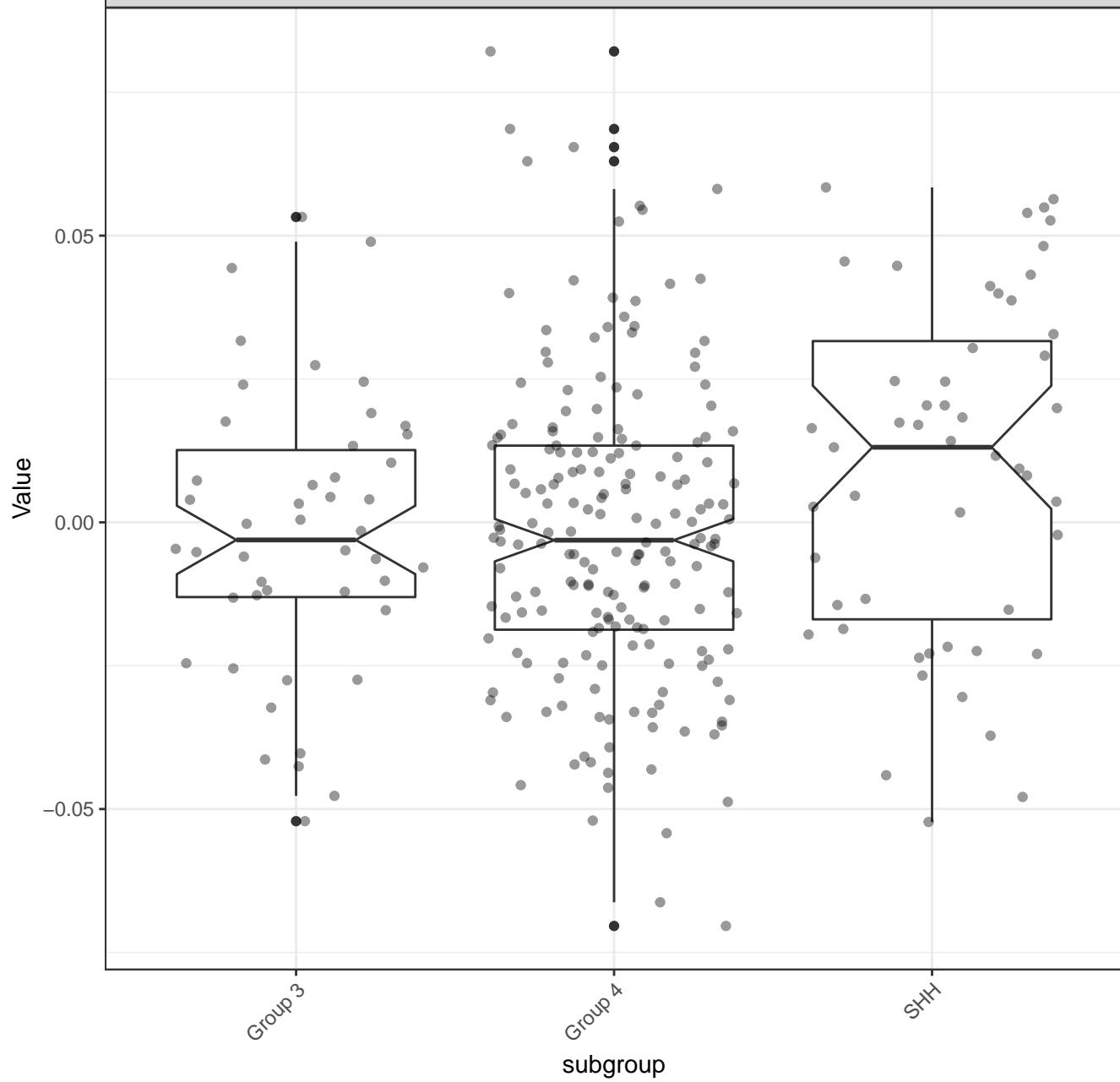


LV 219

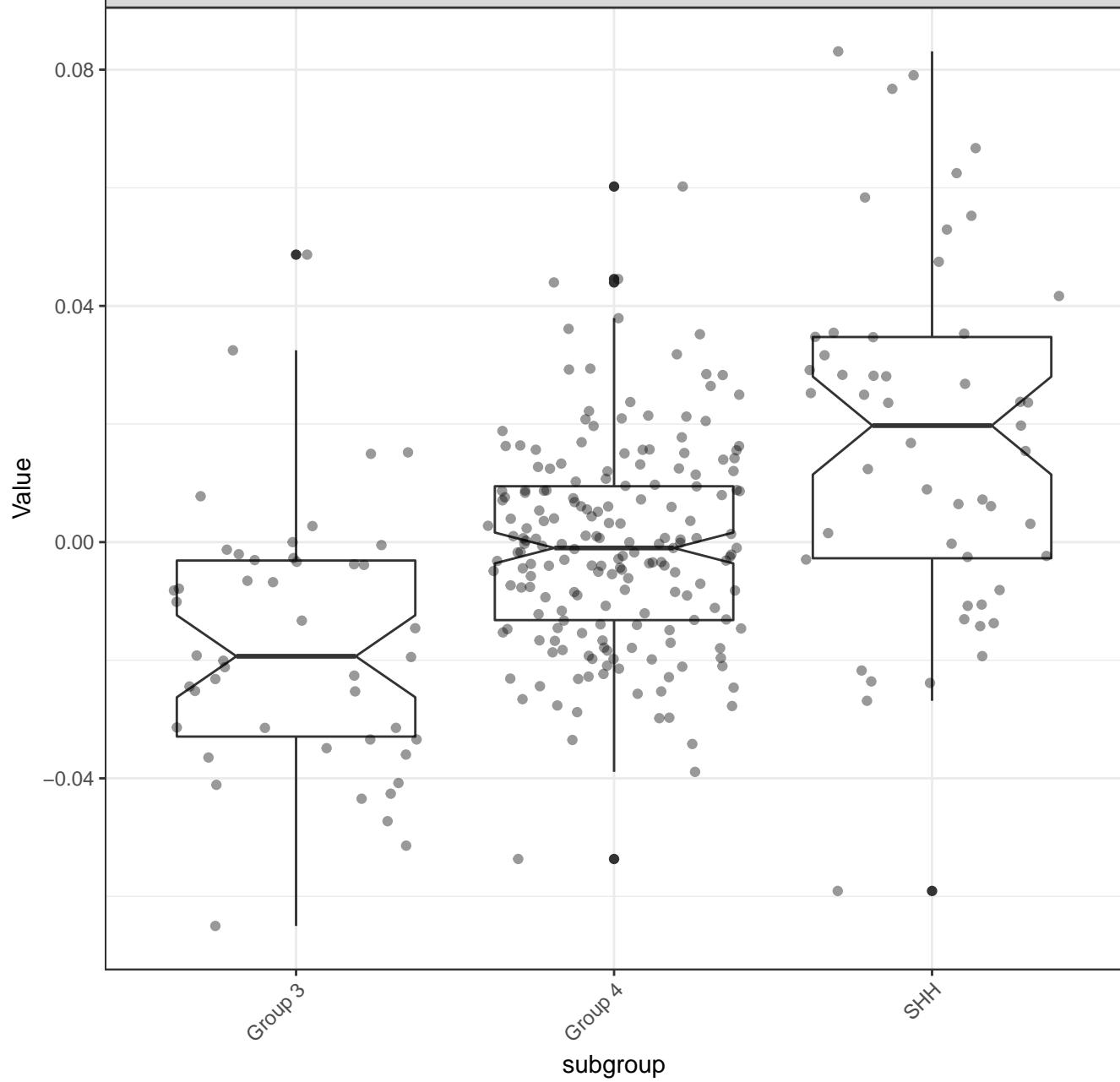


LV 220





LV 222



Value

0.05

0.00

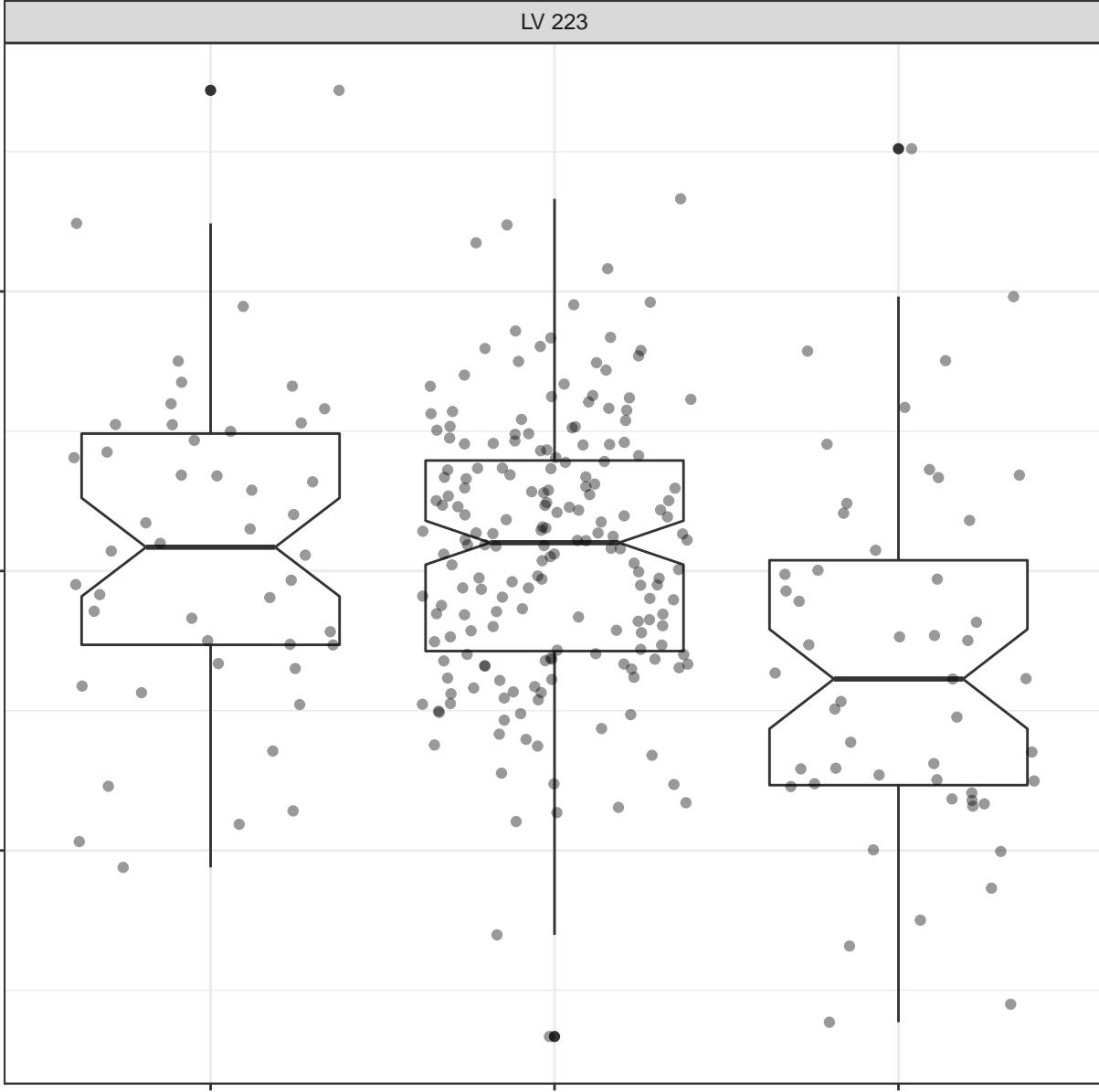
-0.05

Group 3

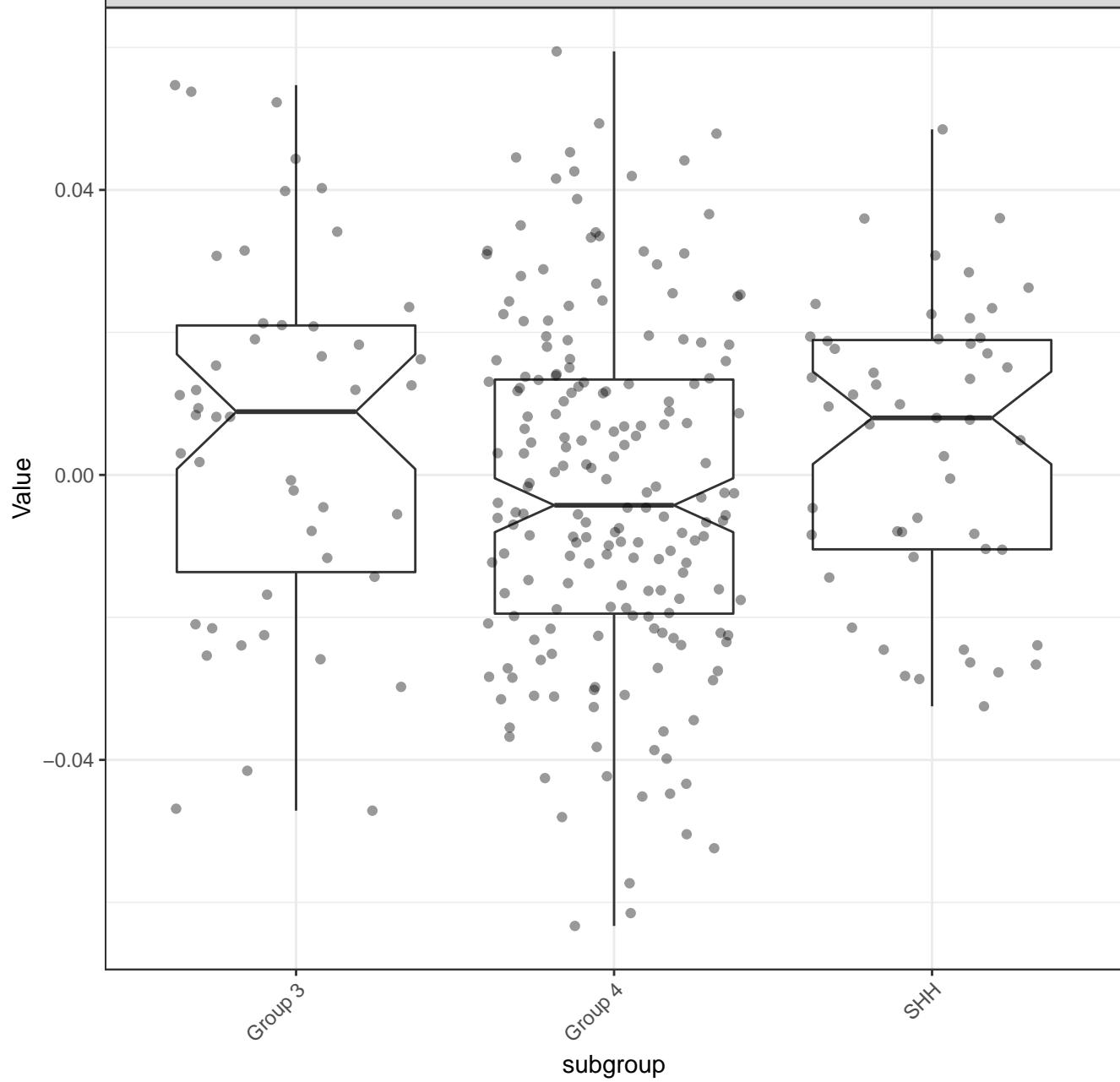
subgroup

Group 4

SHH



LV 224



Value

0.10

0.05

0.00

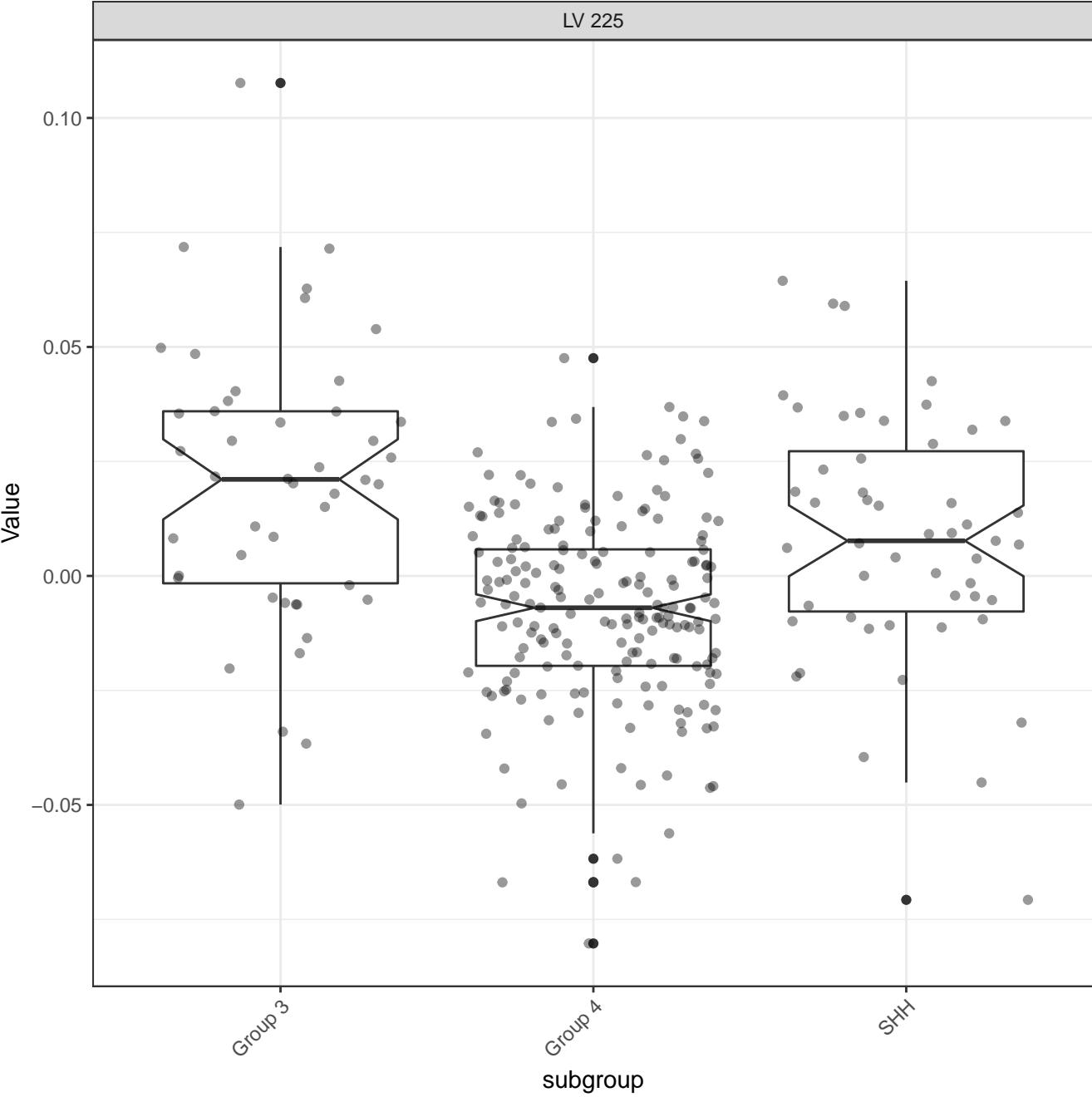
-0.05

Group 3

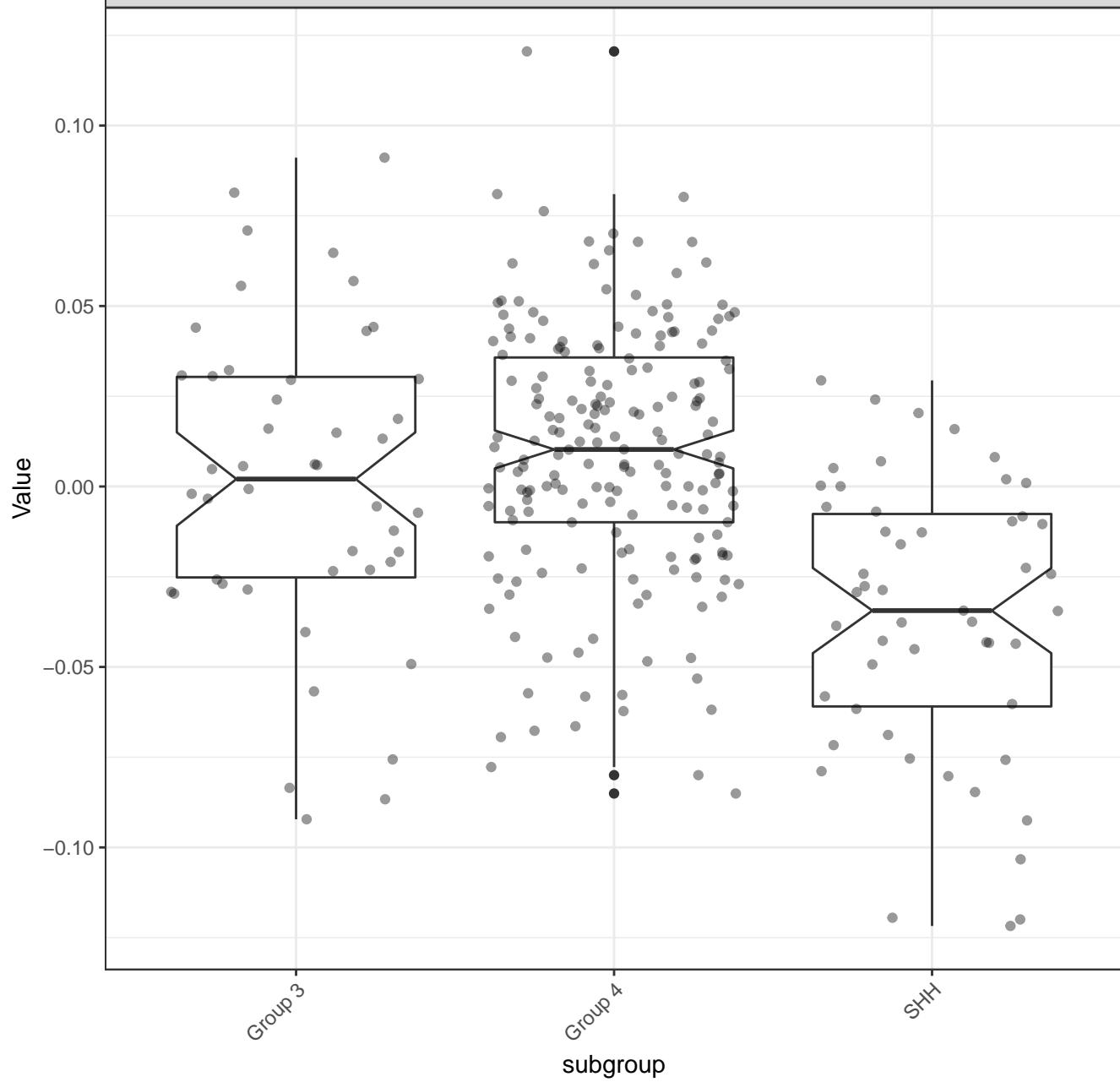
subgroup

Group 4

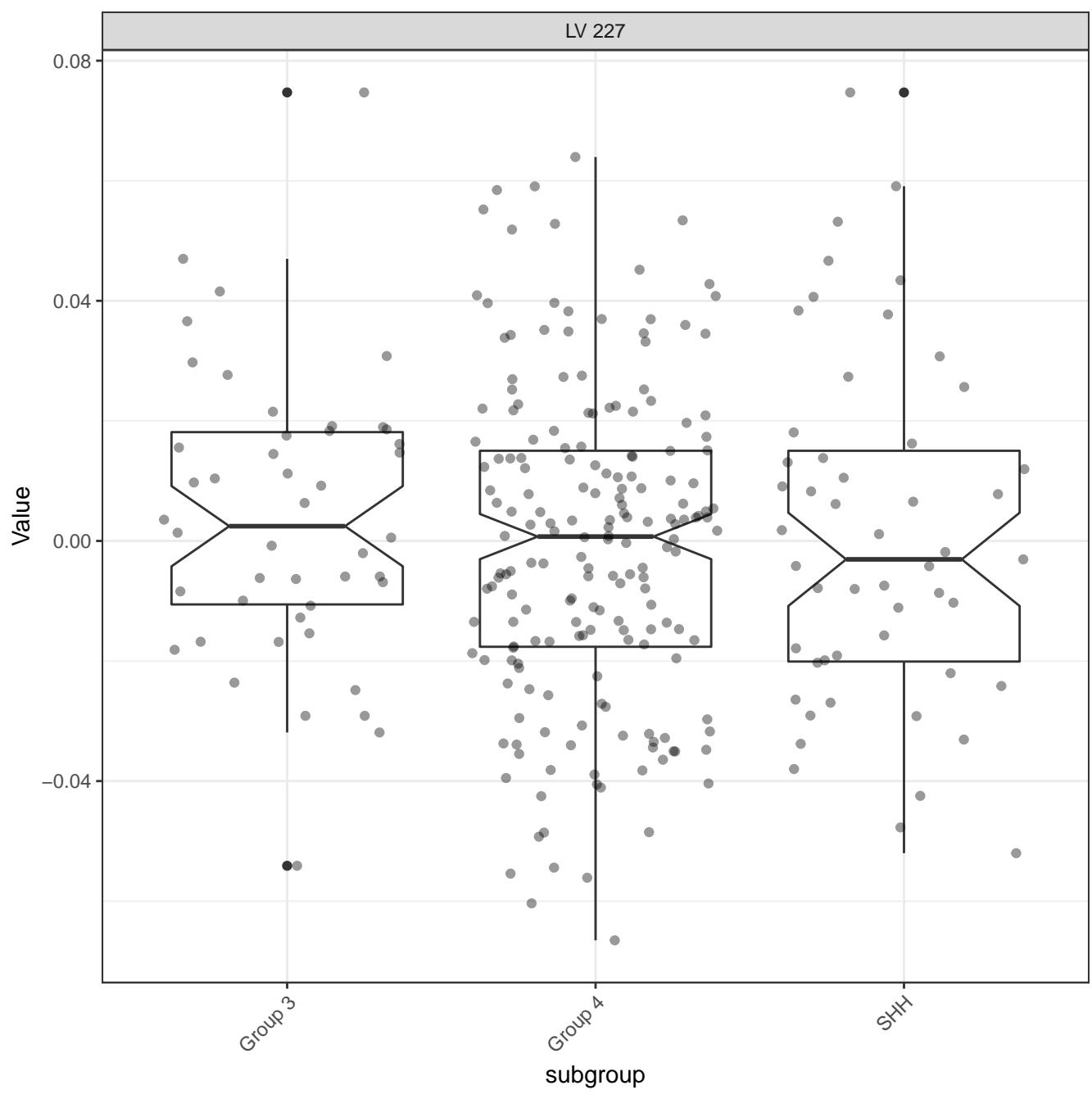
SHH



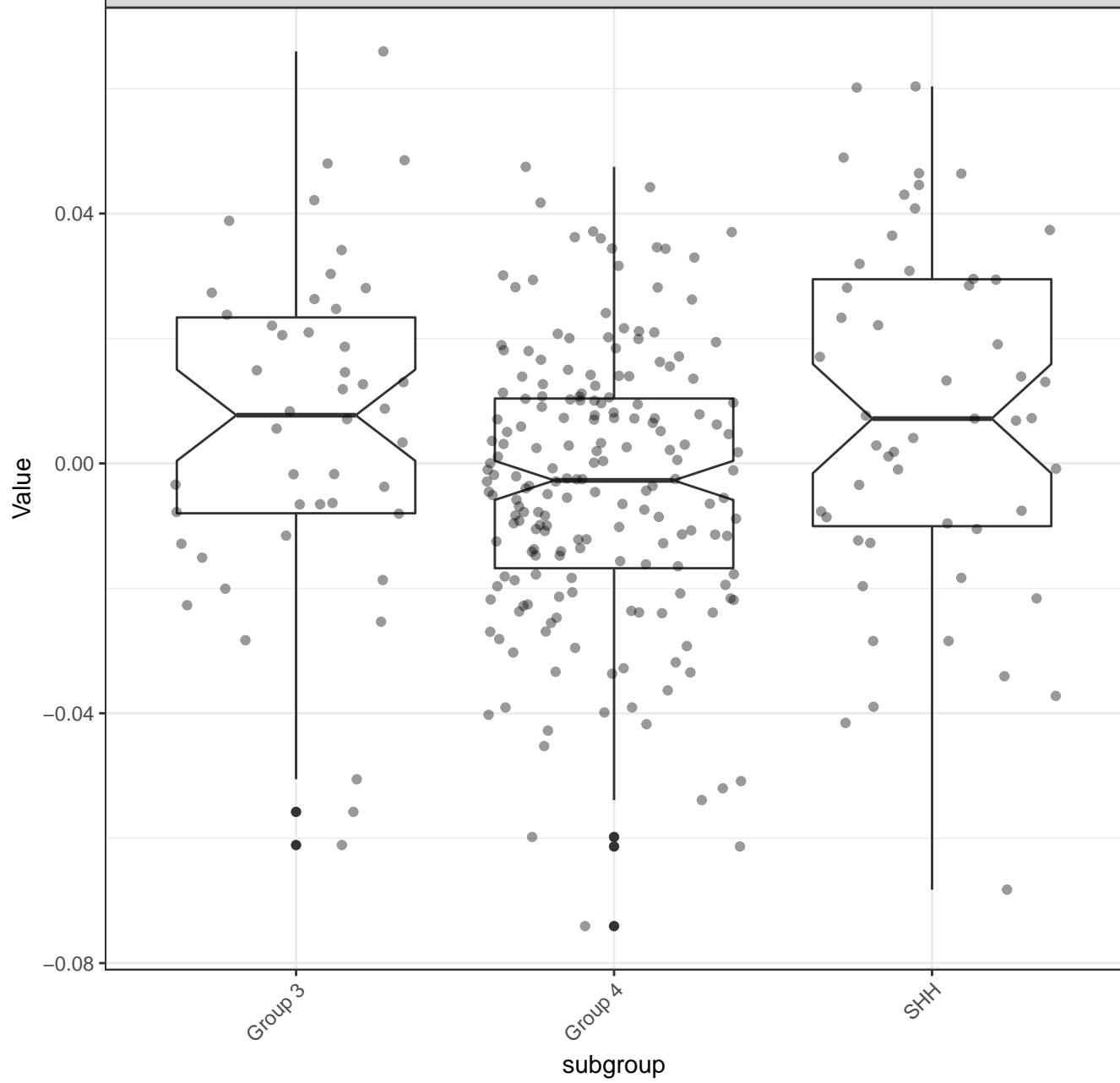
LV 226



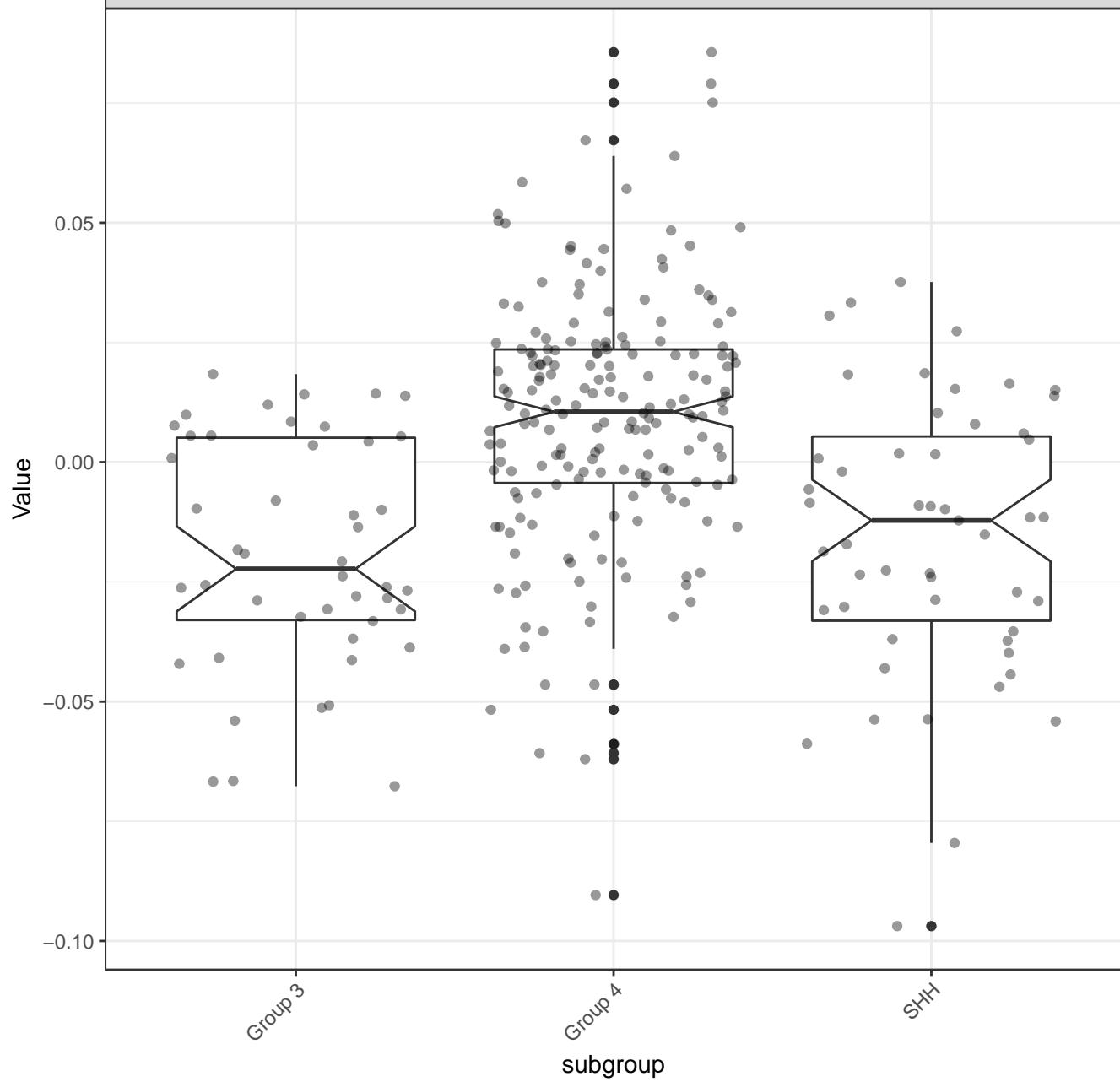
LV 227



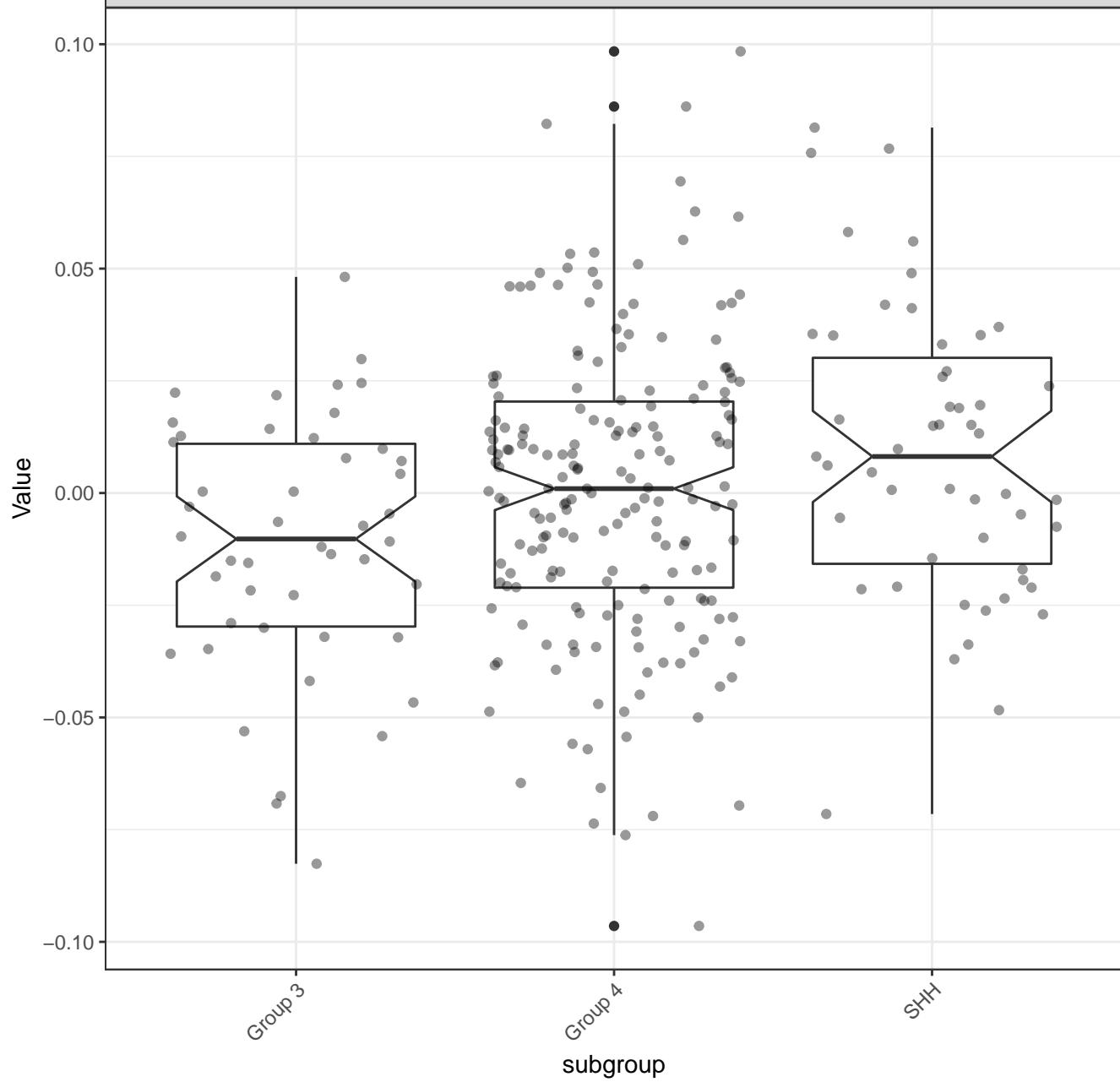
LV 228



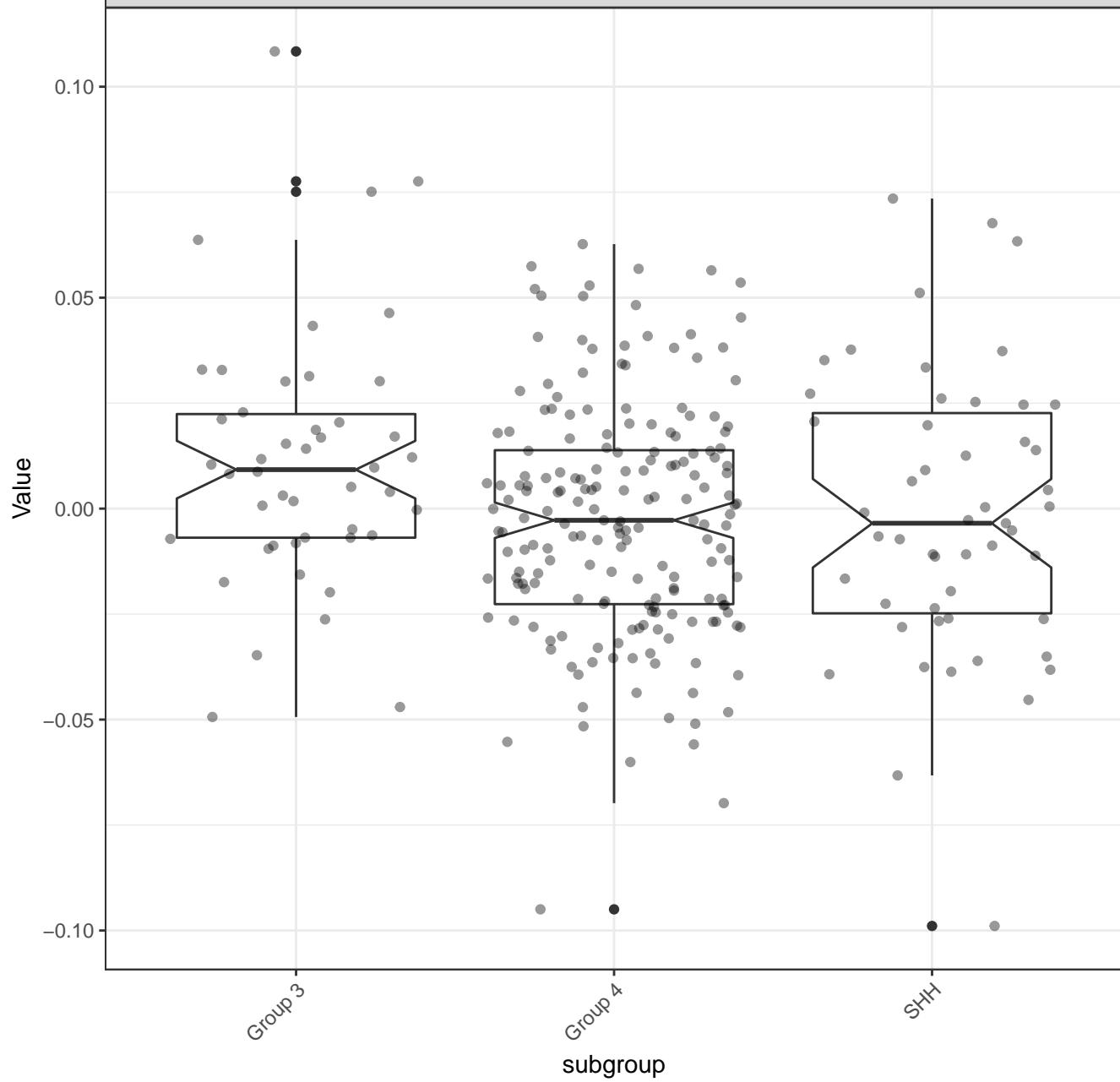
LV 229



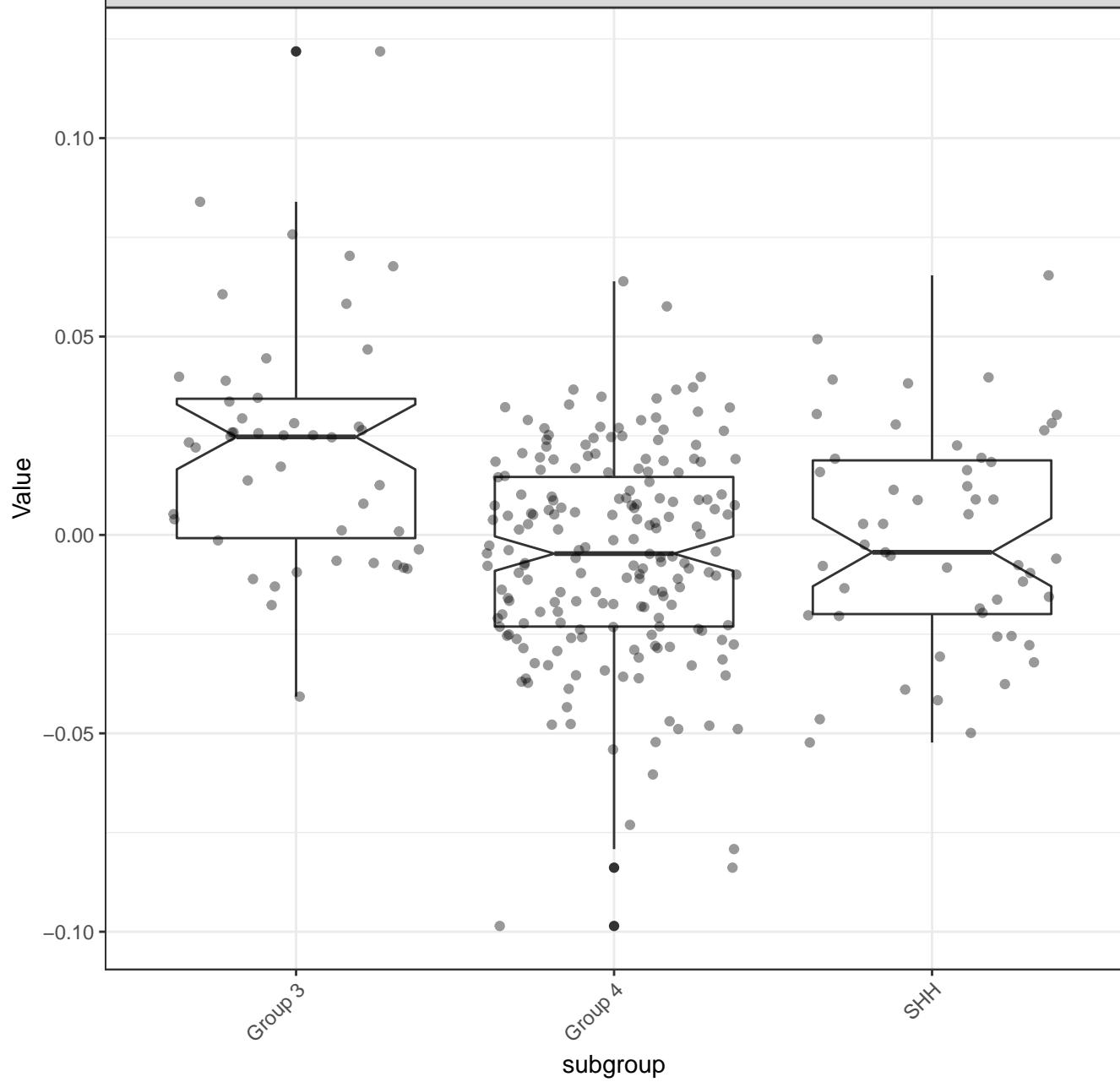
LV 230



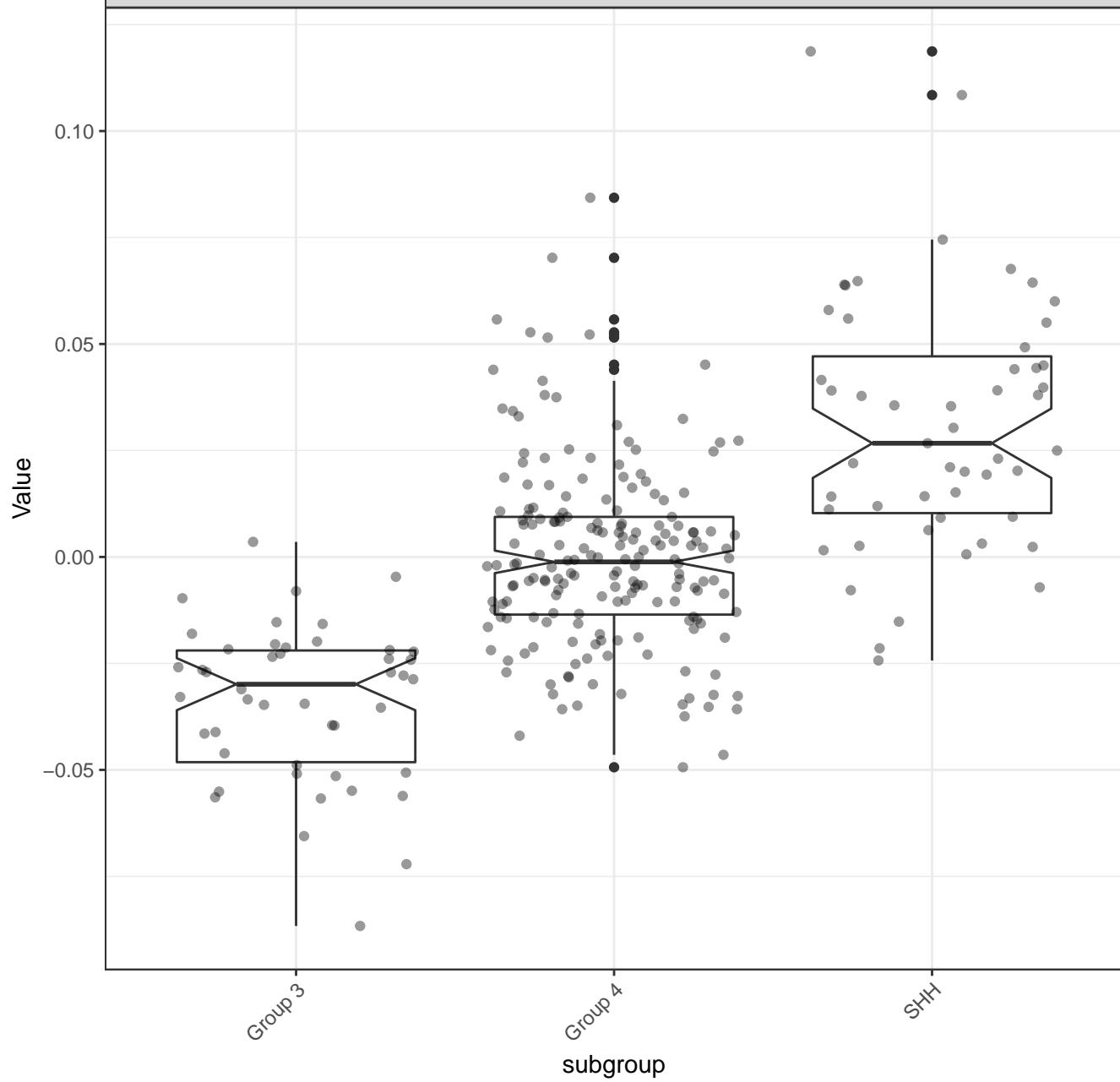
LV 231



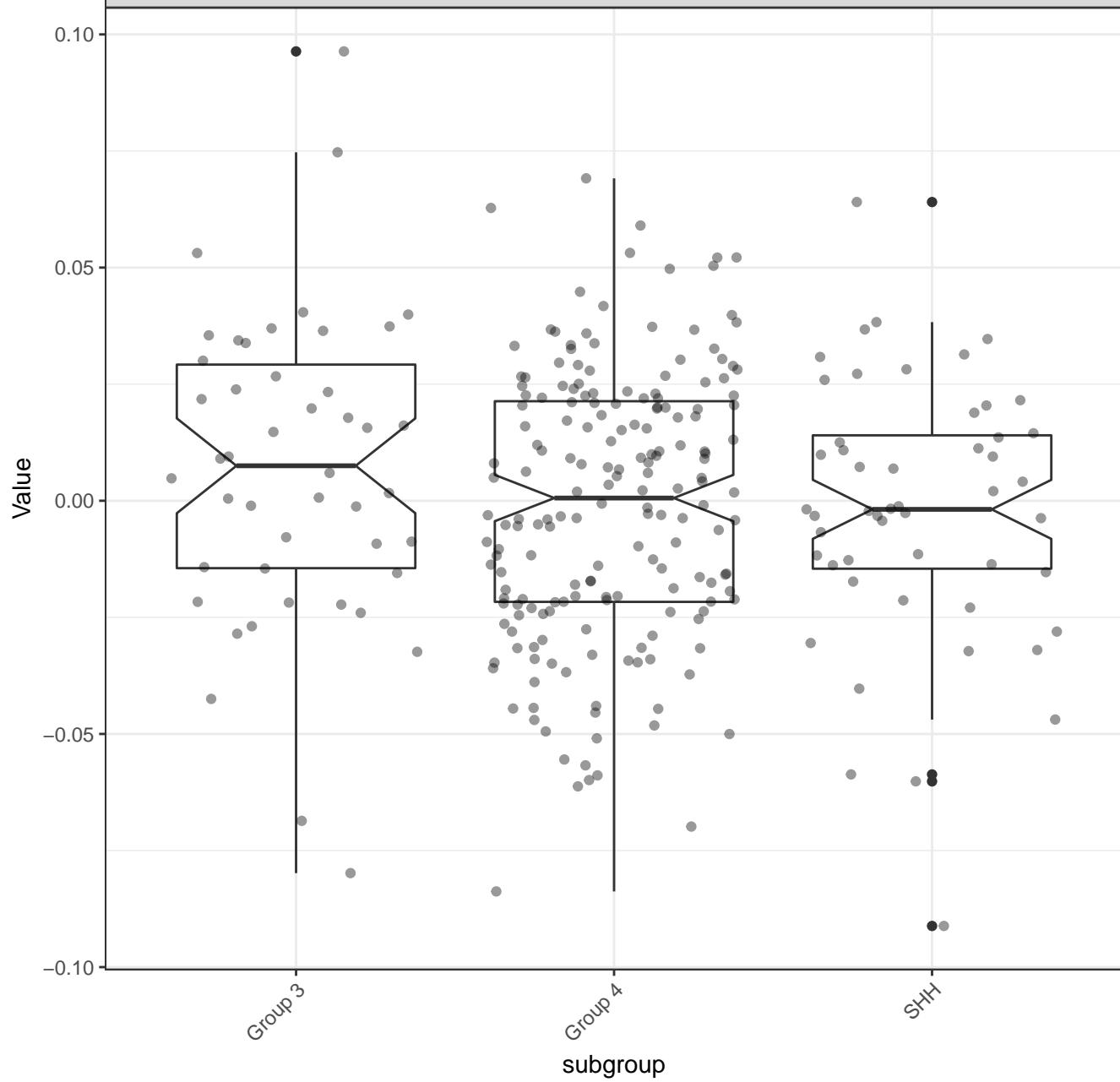
LV 232

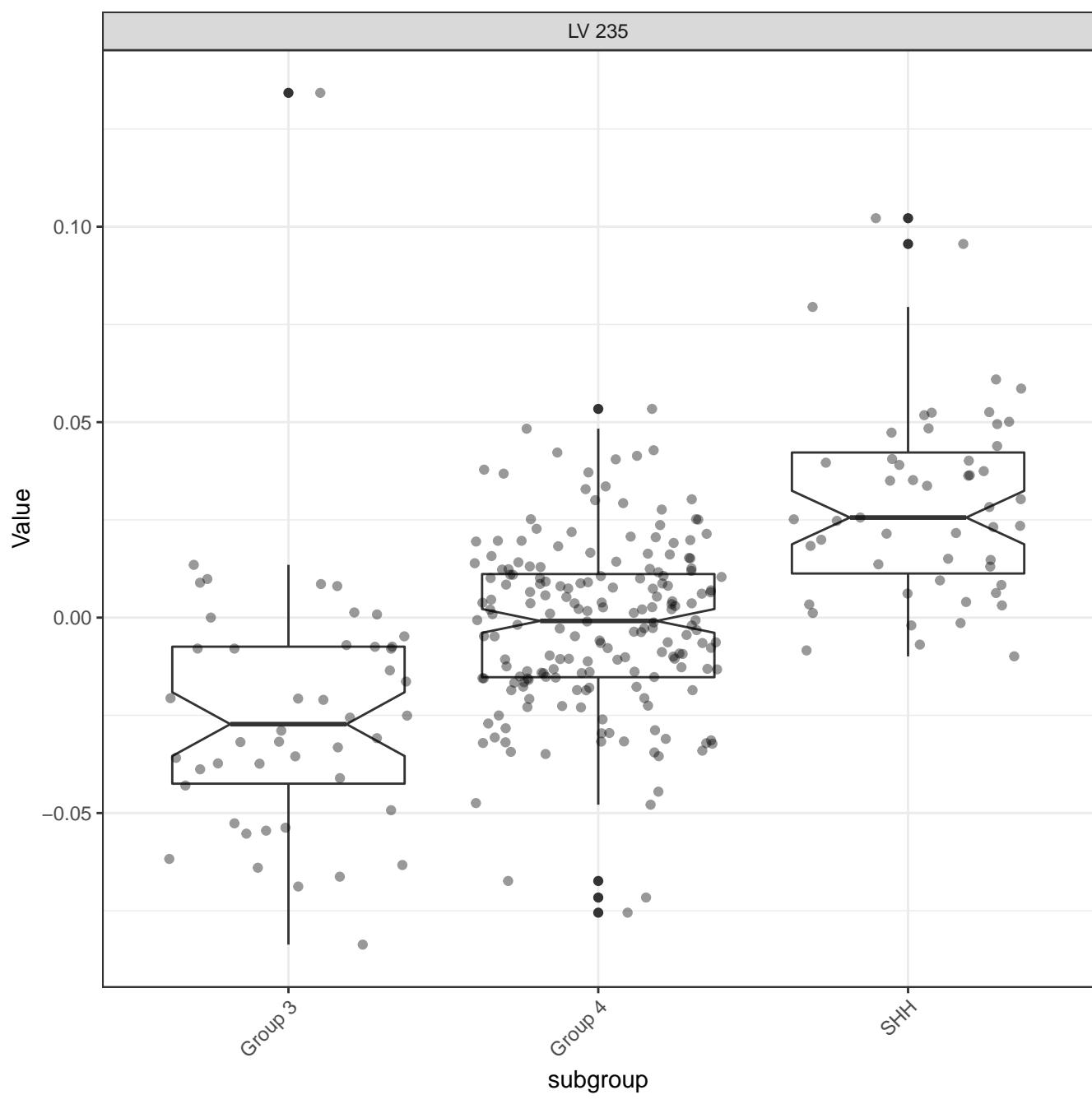


LV 233



234,REACTOME_RNA_POL_I_PROMOTER_OPENING





LV 236

Value

0.05

0.00

-0.05

-0.10

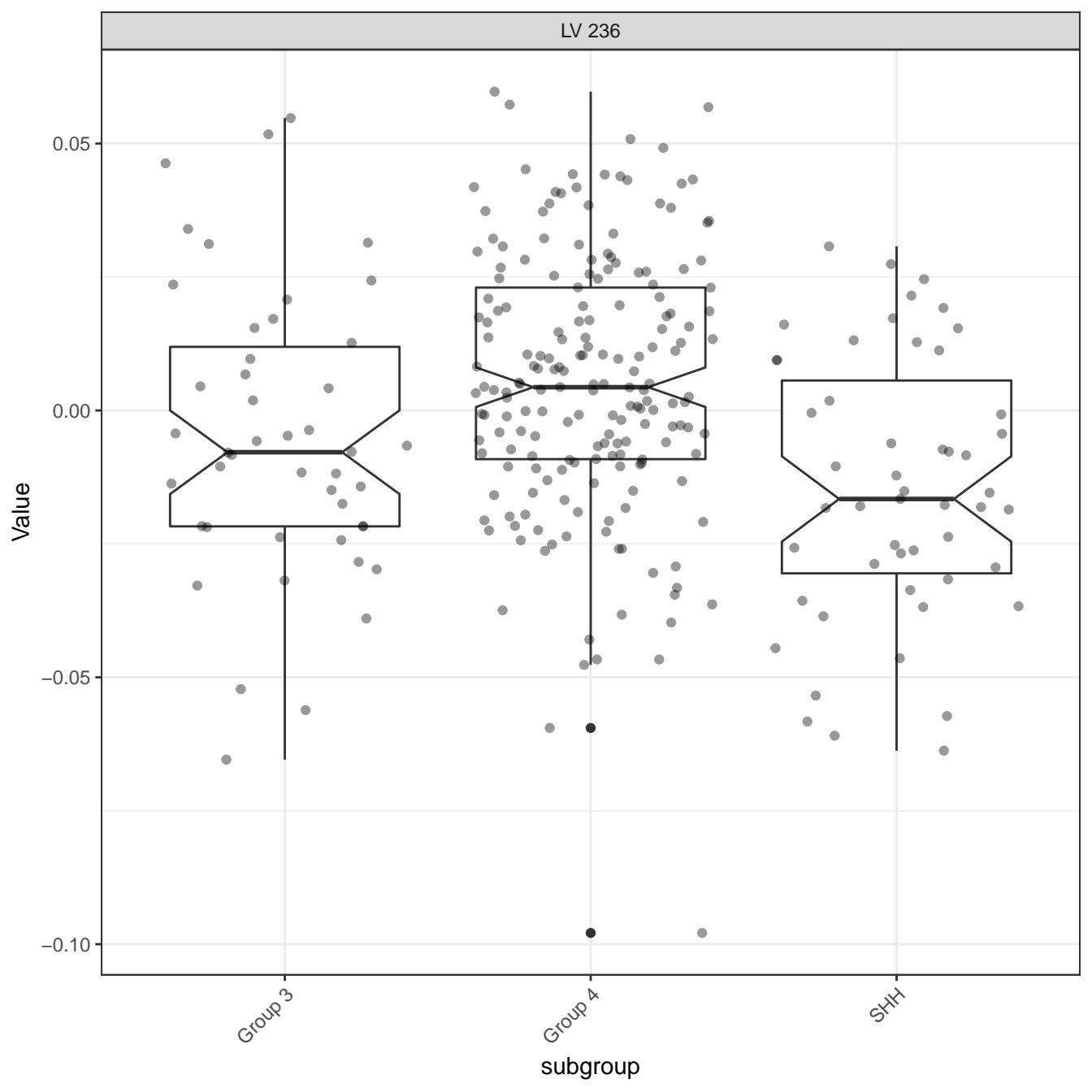
Group 3

subgroup

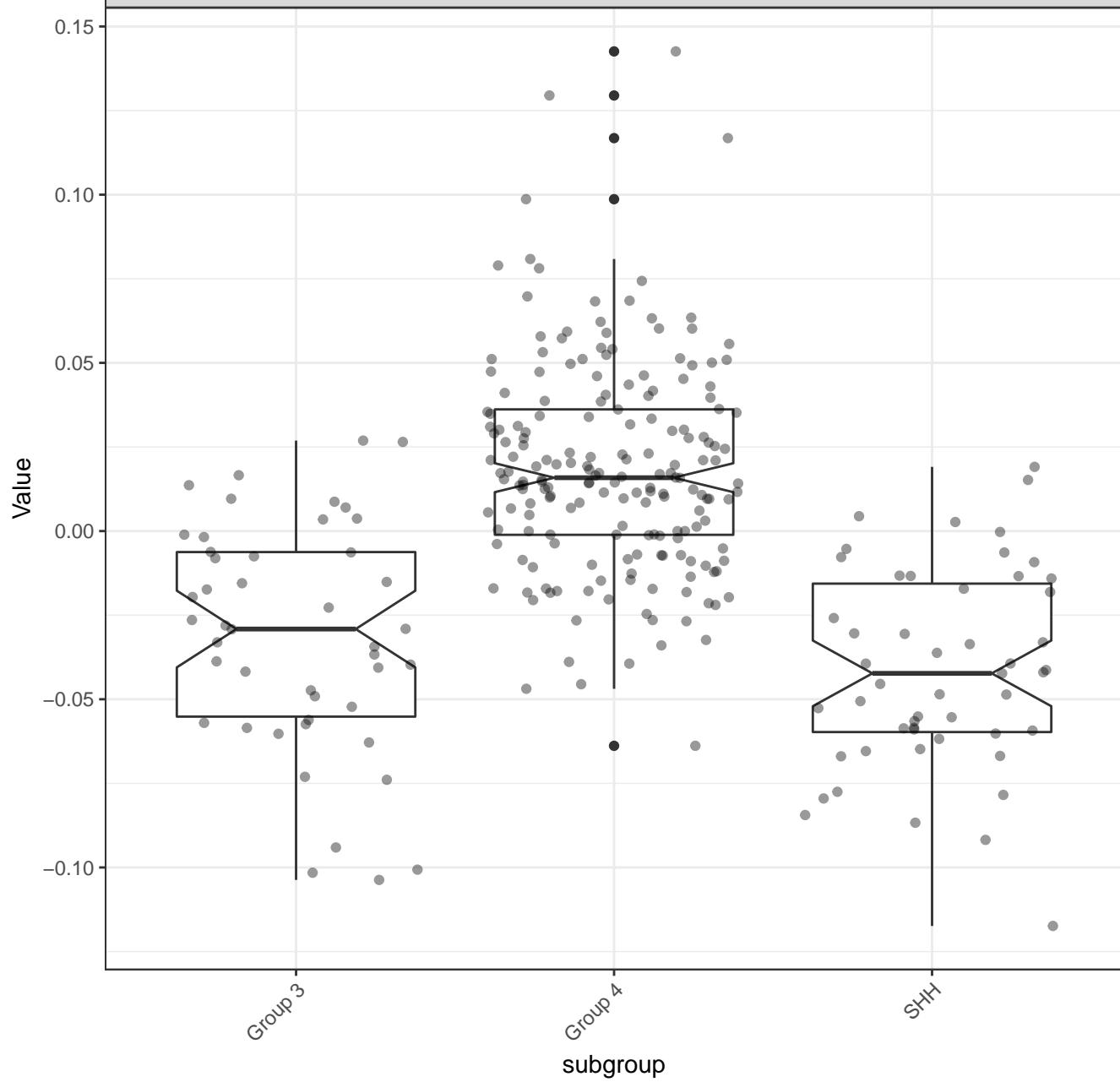
SHH

Group 4

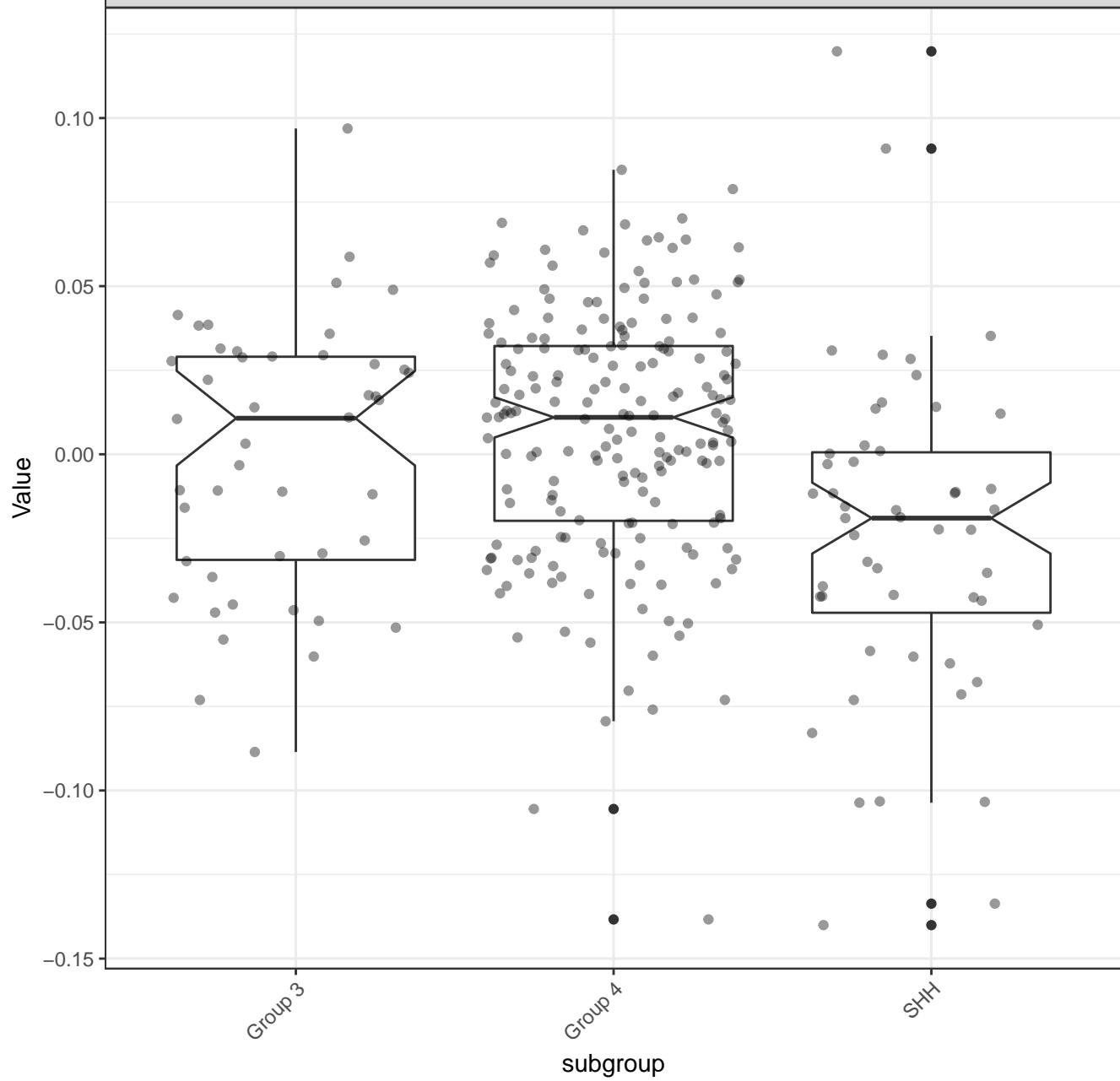
subgroup



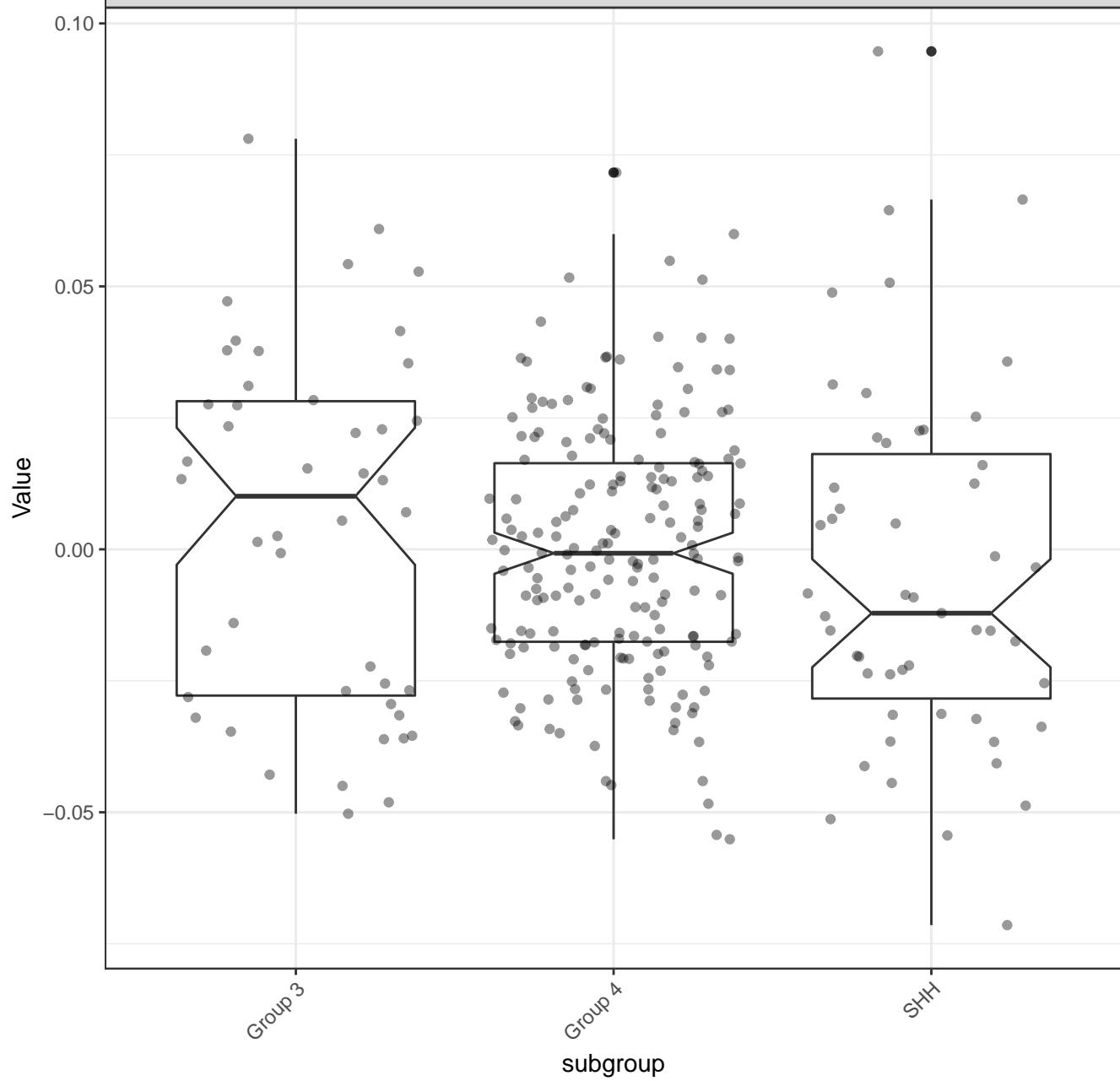
LV 237



LV 238



LV 239



LV 240

Vvalue

0.10

0.05

0.00

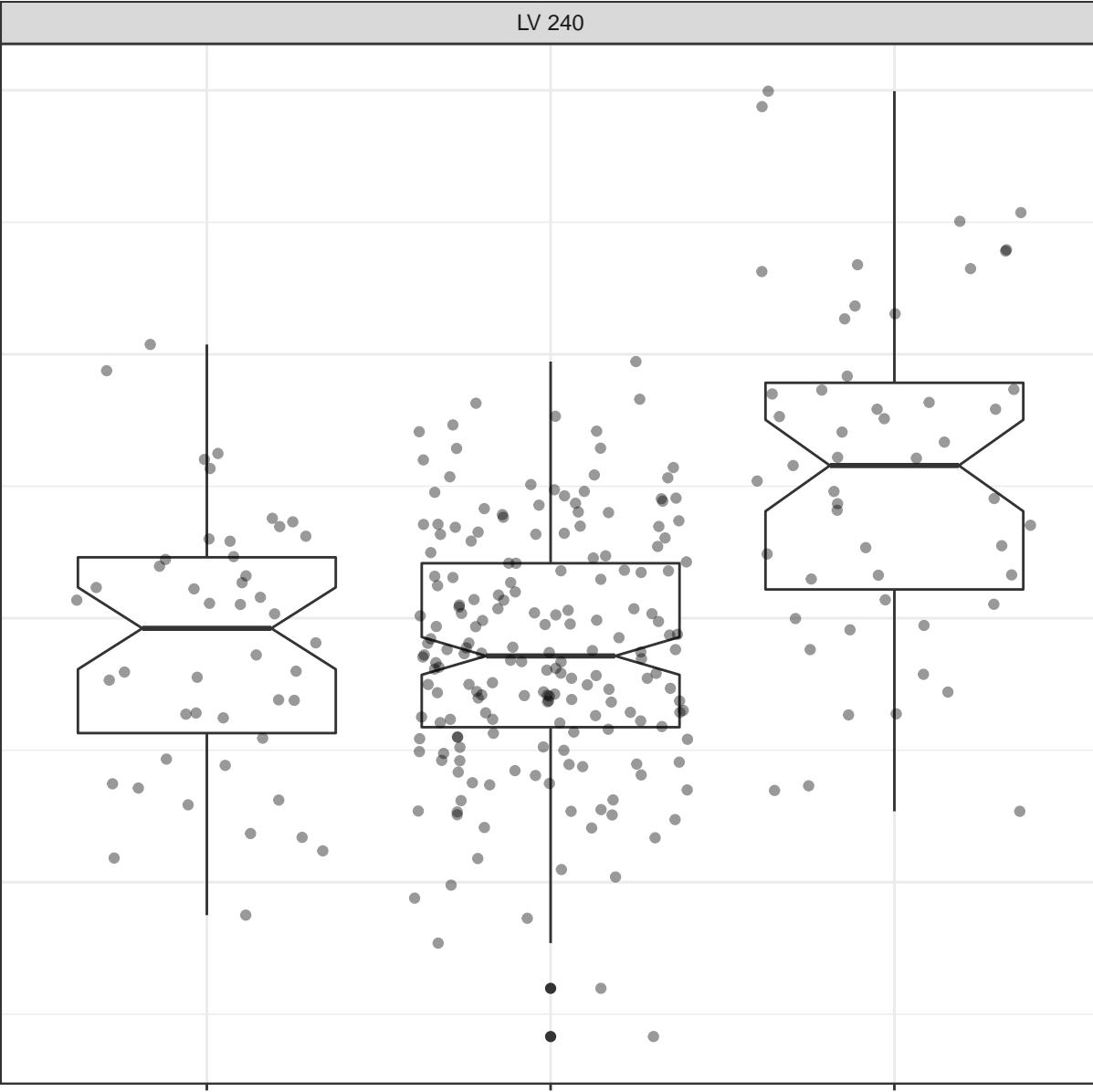
-0.05

Group 3

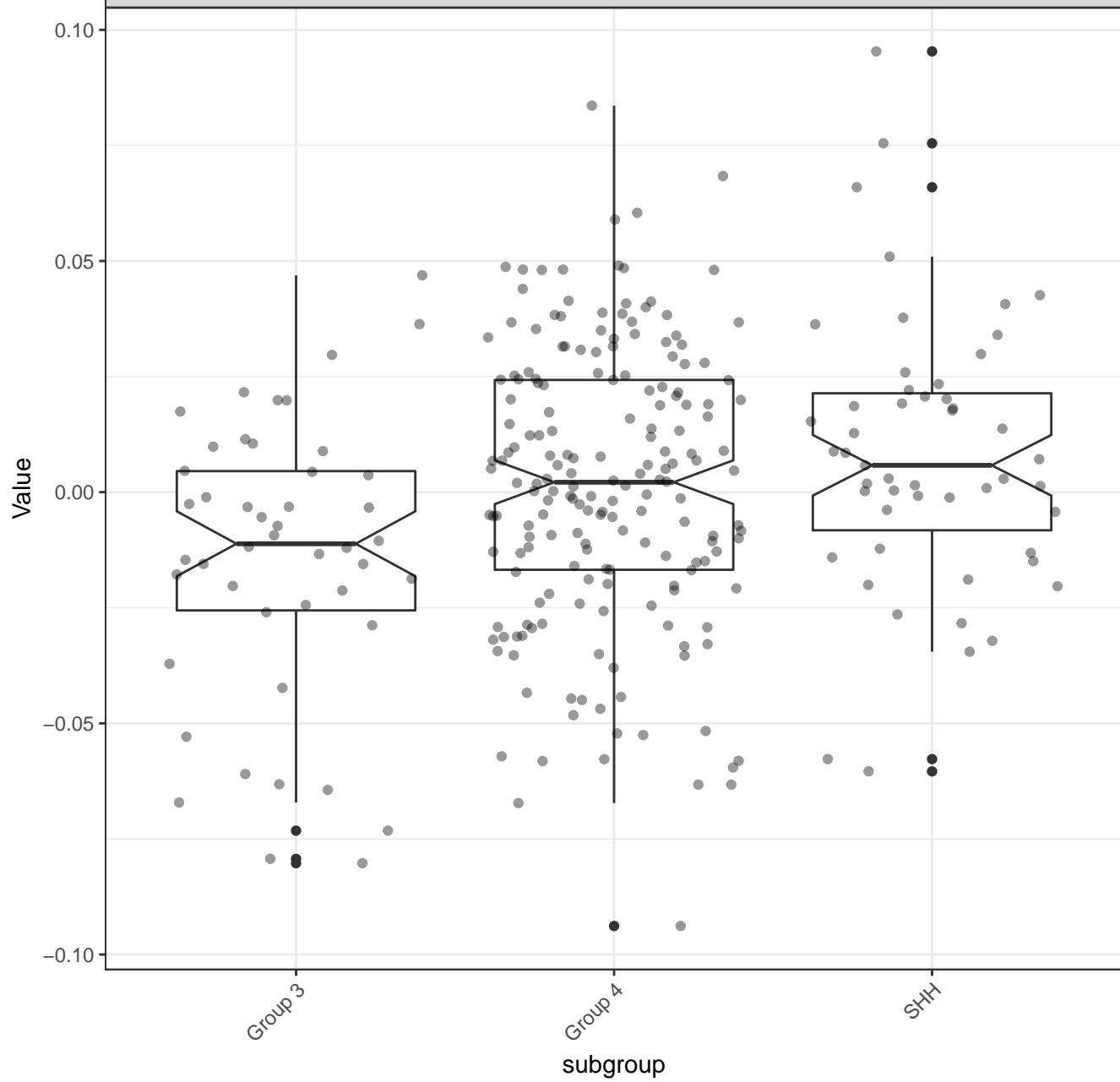
subgroup

Group 4

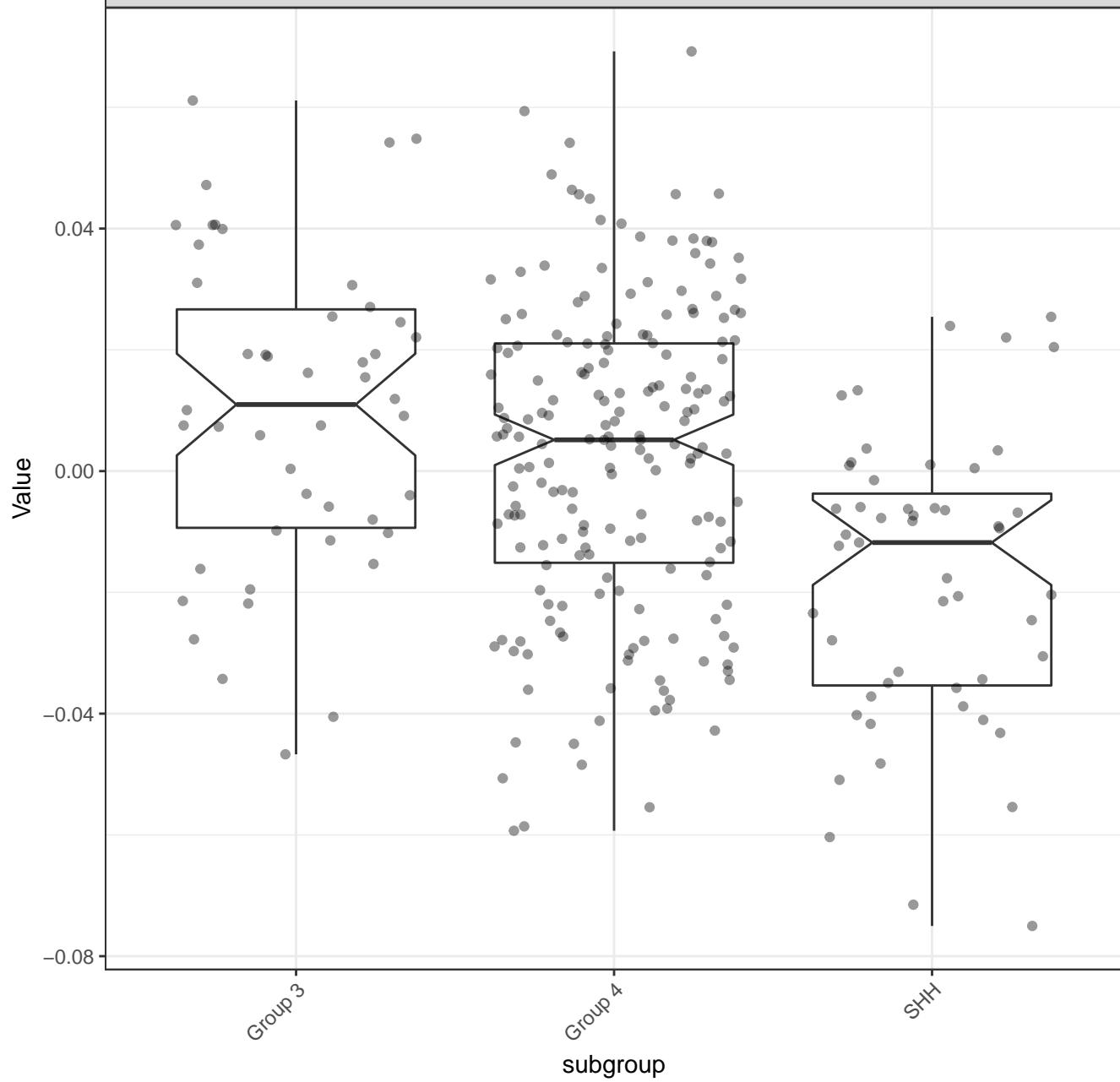
SHH



LV 241



LV 242



Value

0.05

0.00

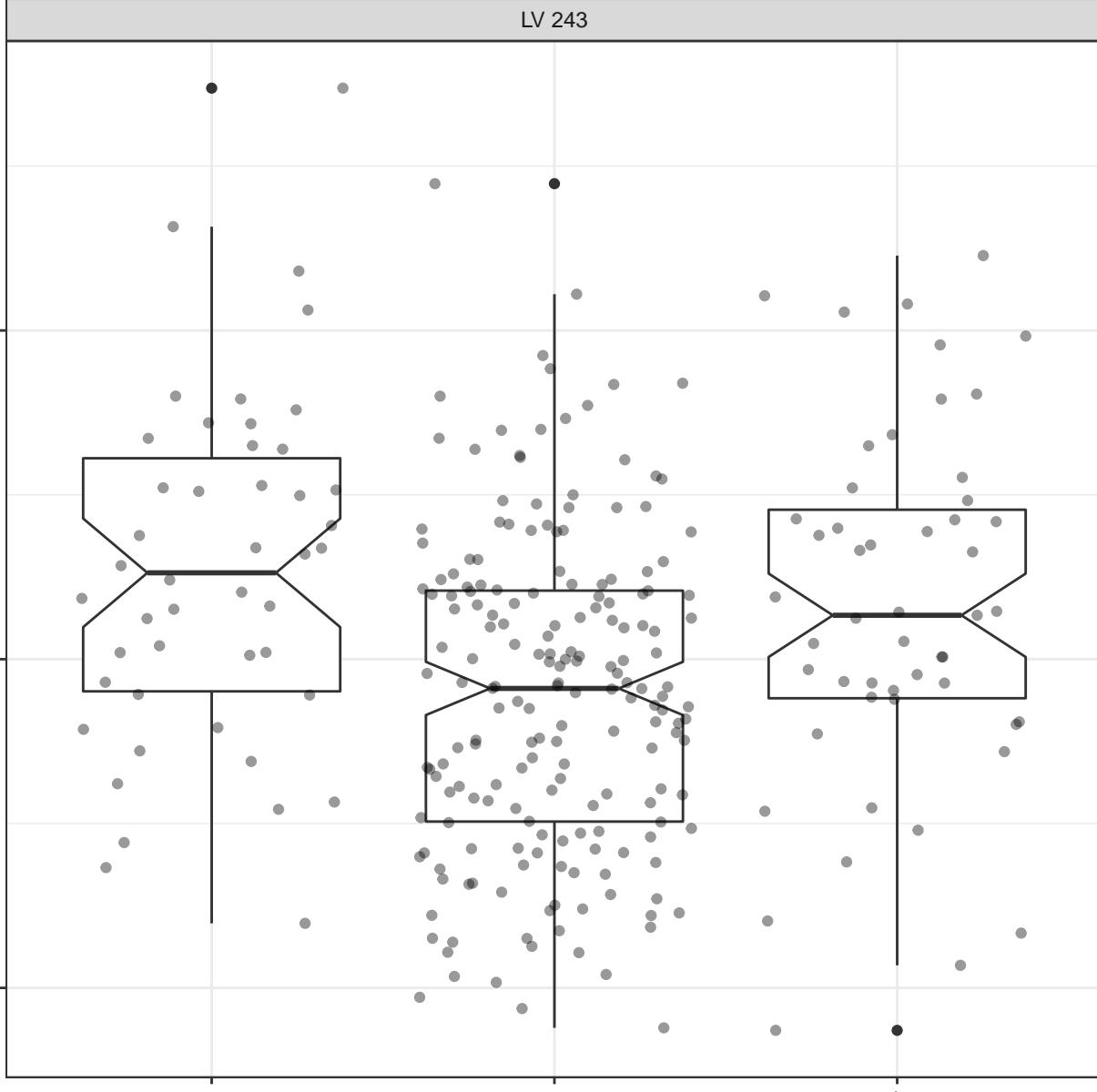
-0.05

Group 3

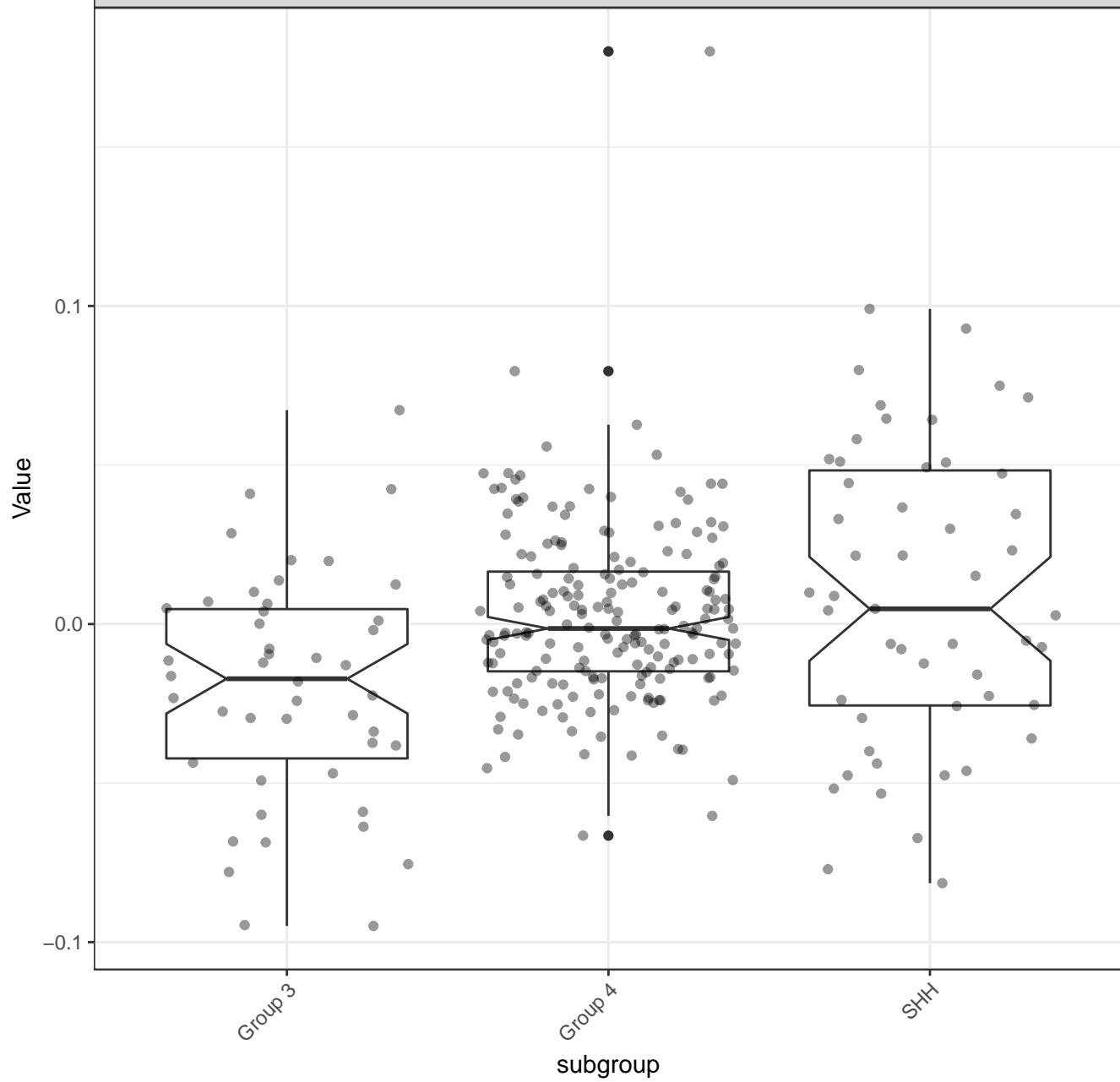
subgroup

Group 4

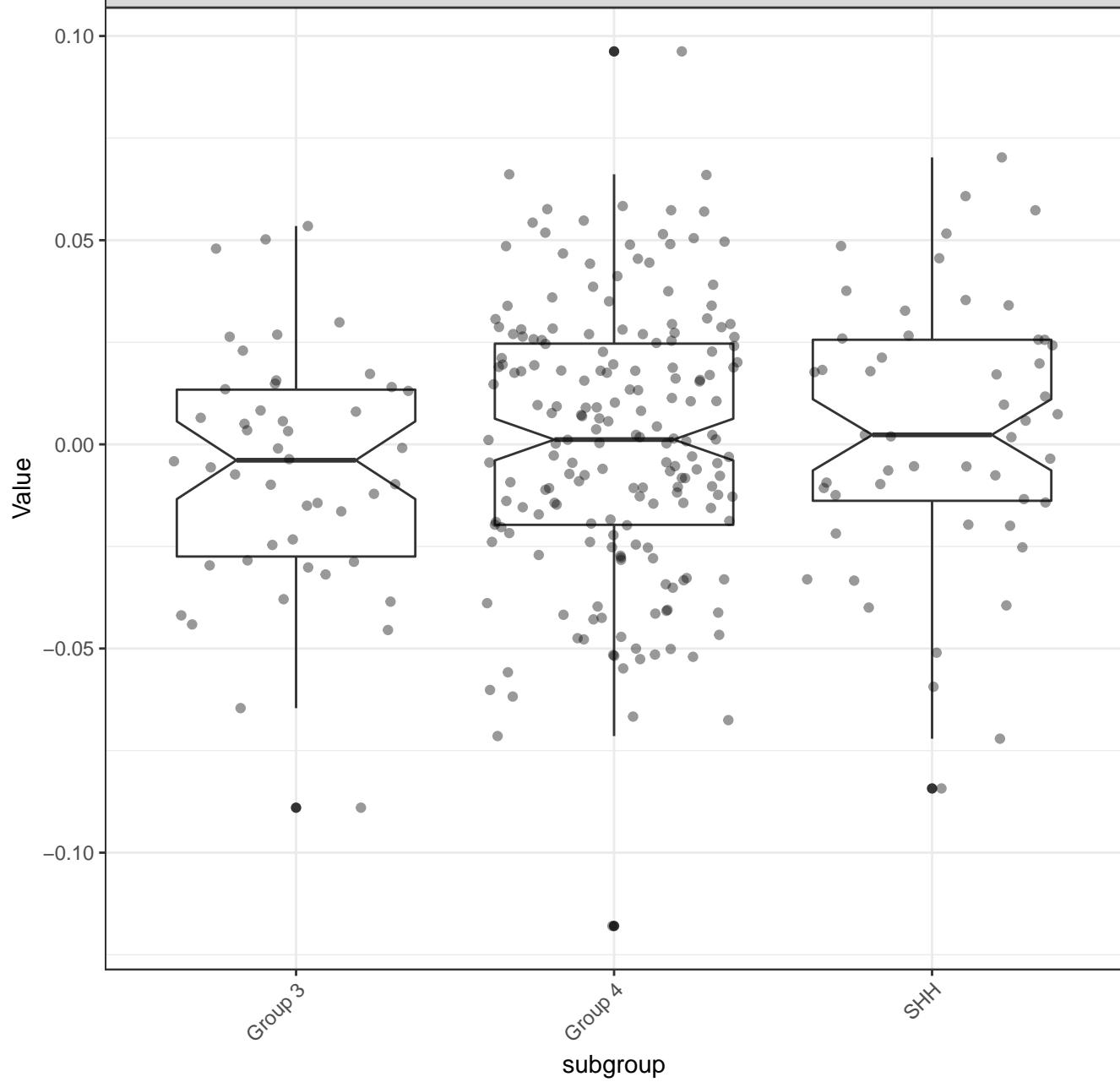
SHH



LV 244



LV 245



246,REACTOME_TRIGLYCERIDE BIOSYNTHESIS

Value

0.2

0.1

0.0

-0.1

Group³

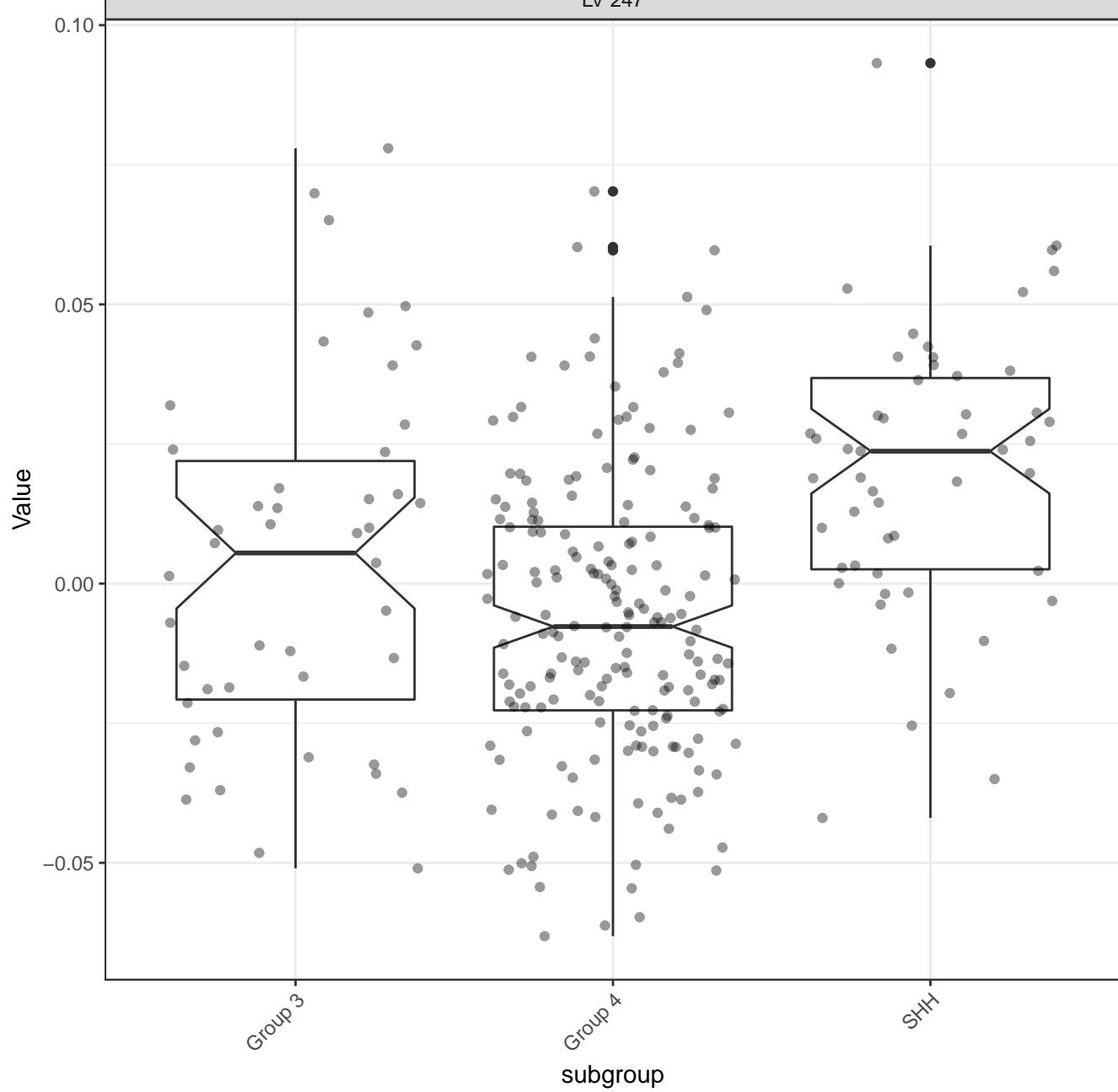
subgroup

Group⁴

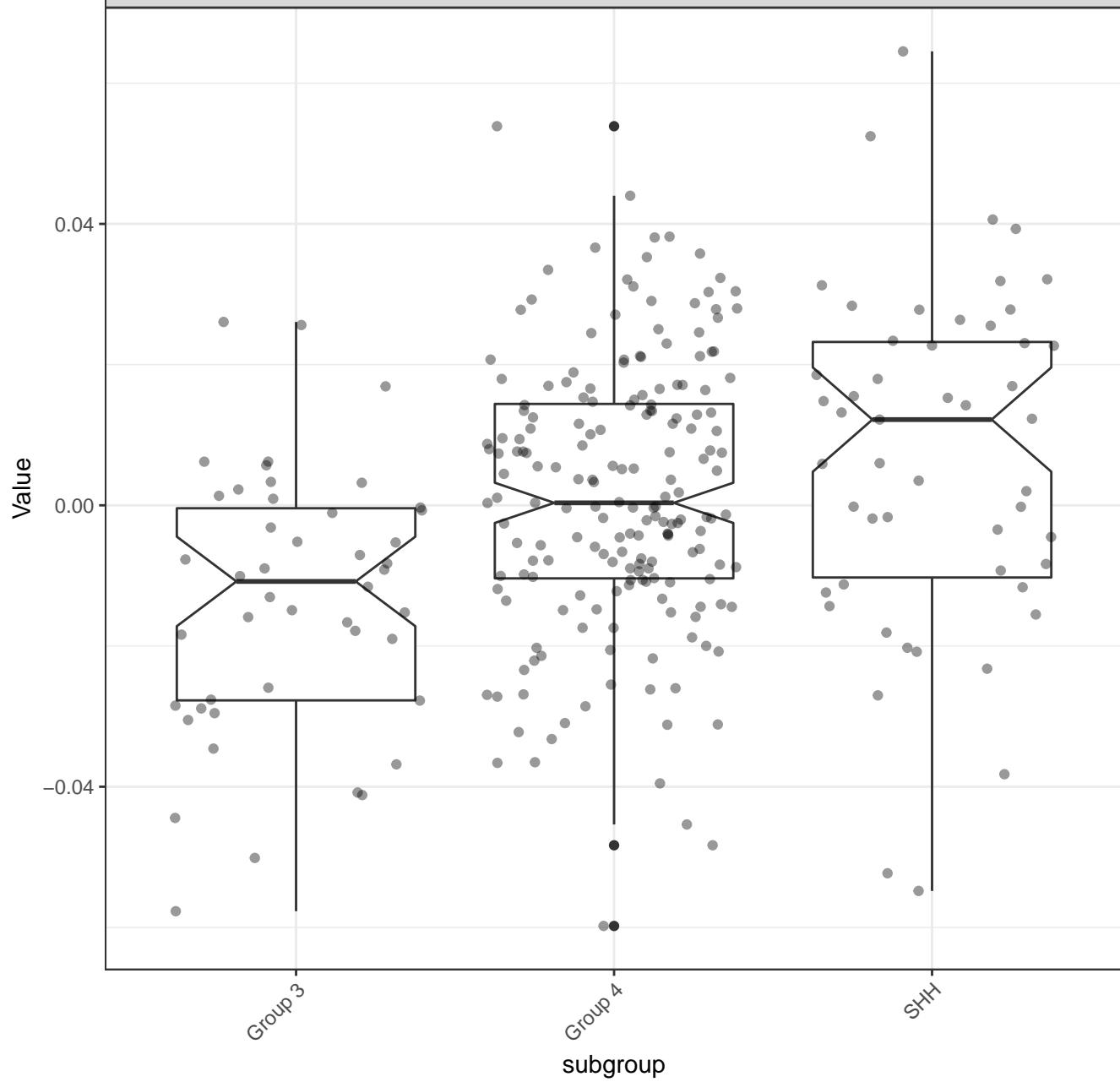
SHH



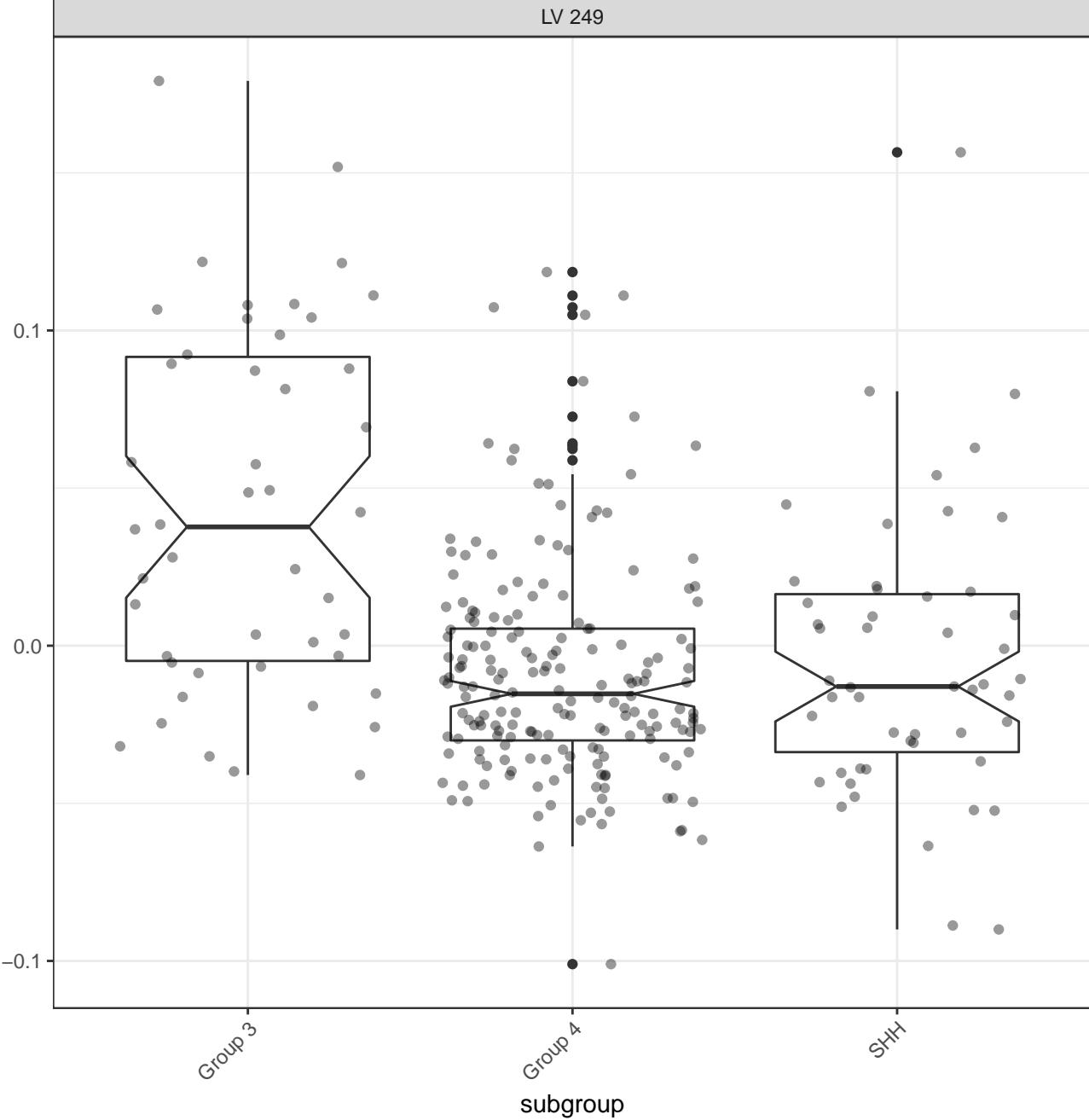
LV 247



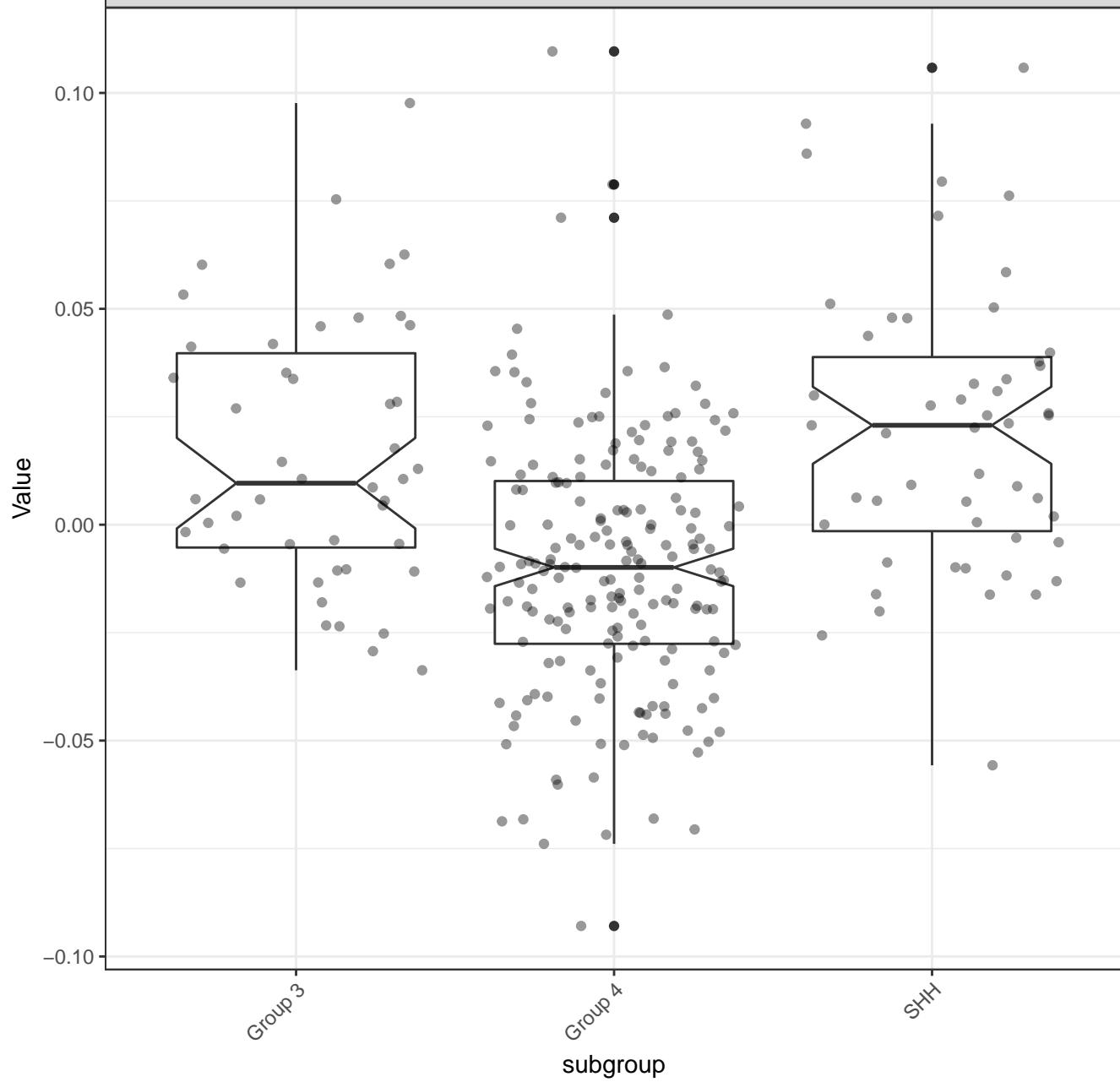
LV 248



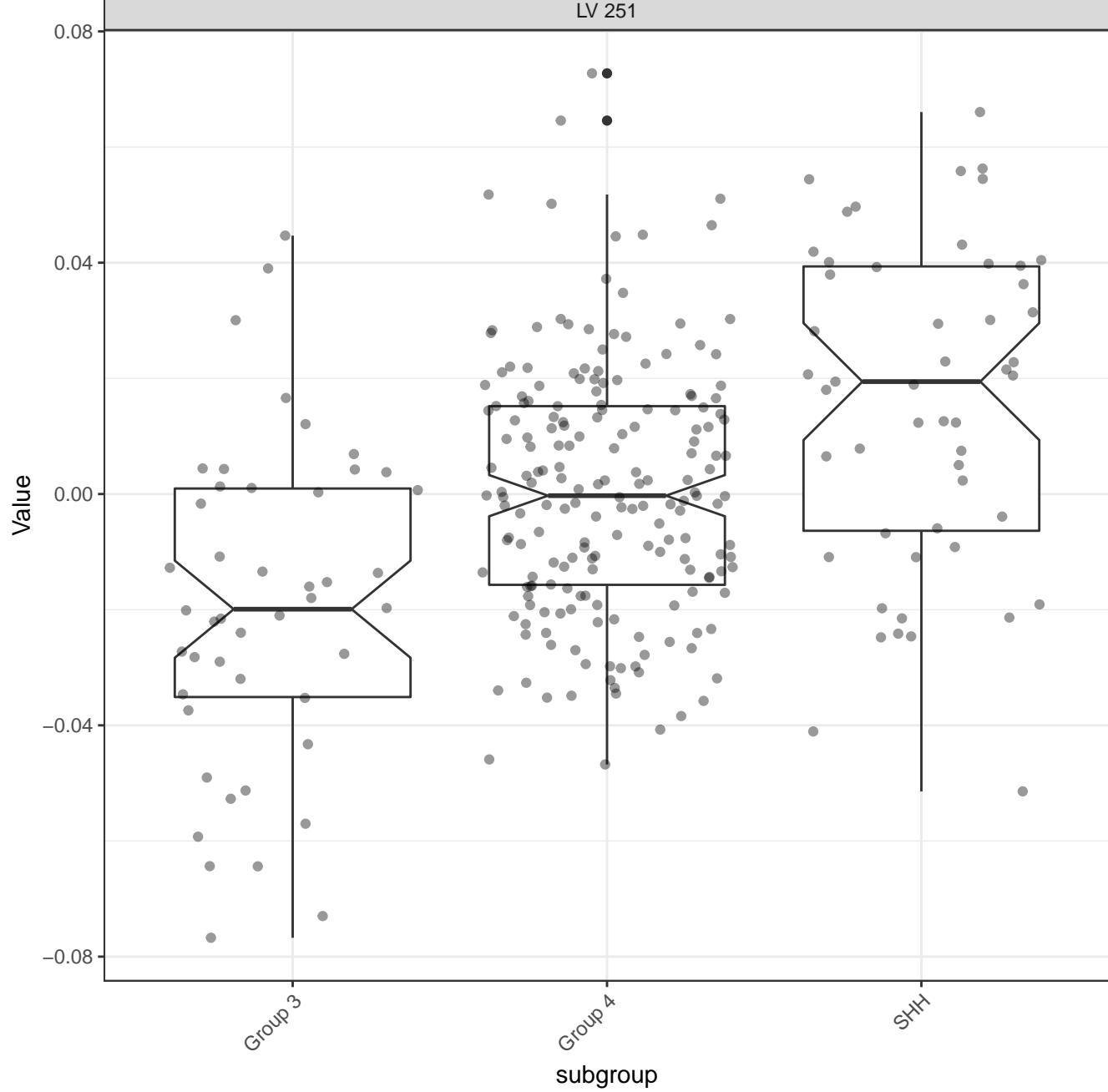
Value



LV 250



LV 251



LV 252

Value

0.10

0.05

0.00

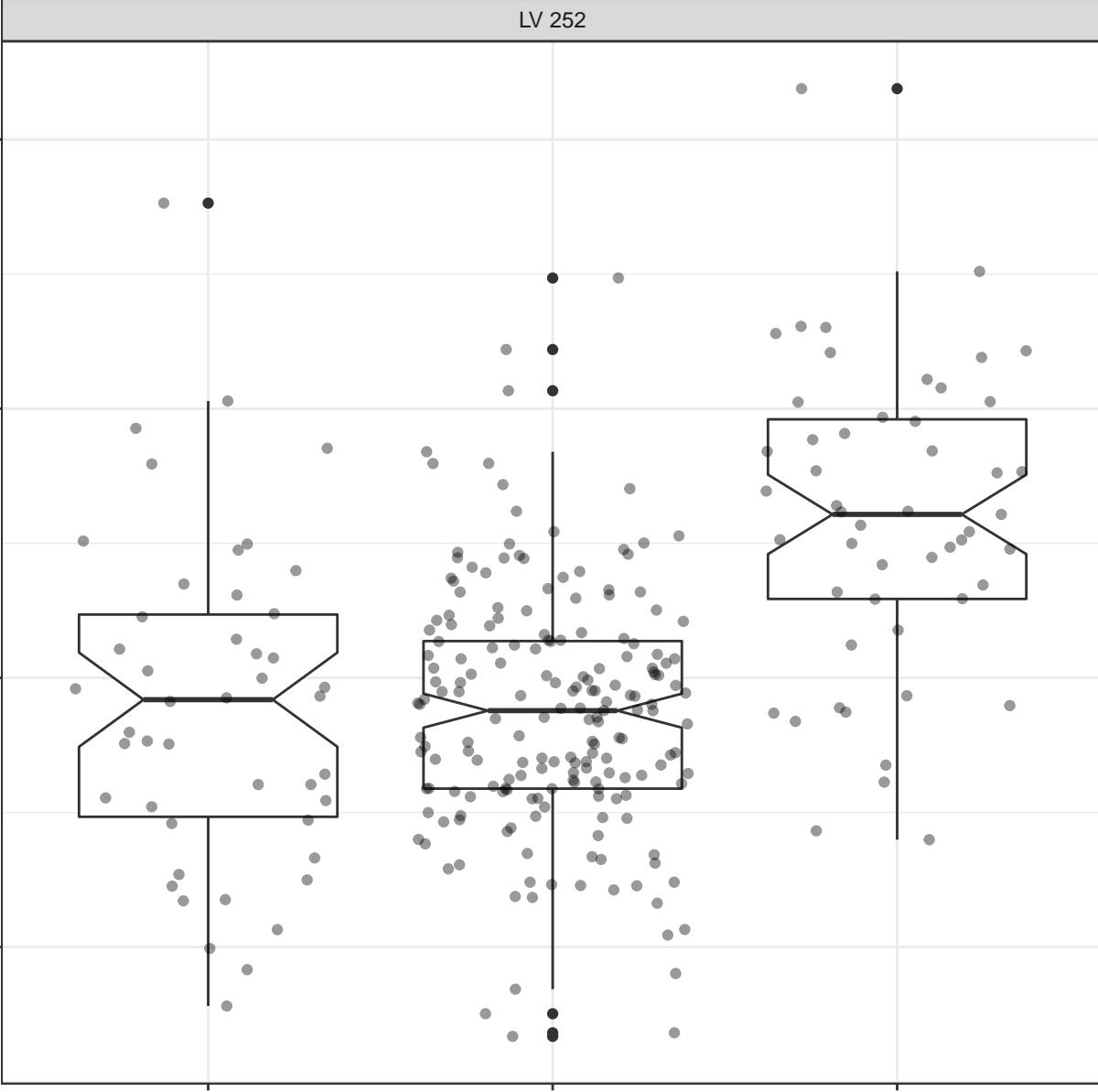
-0.05

Group 3

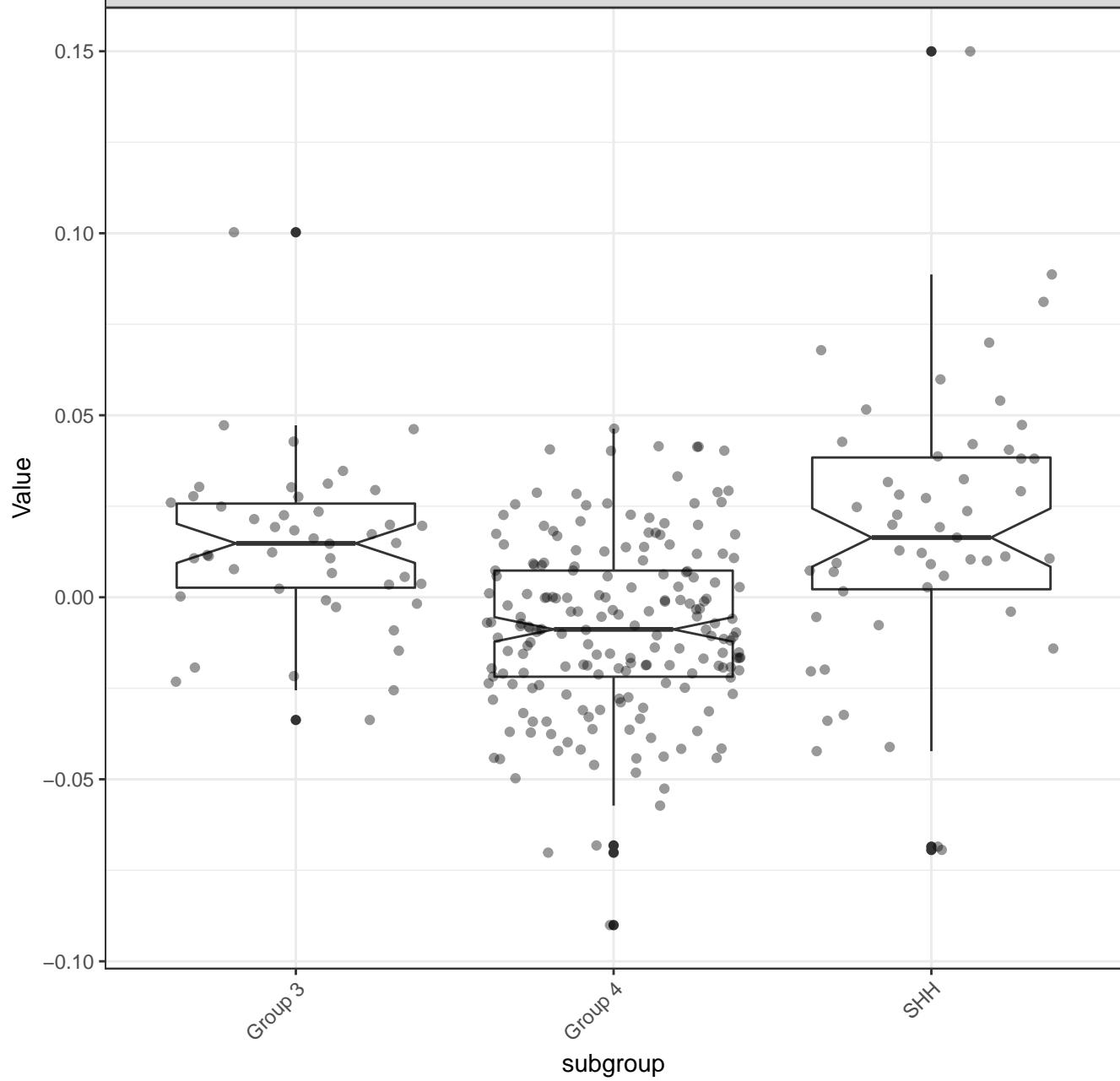
subgroup

Group 4

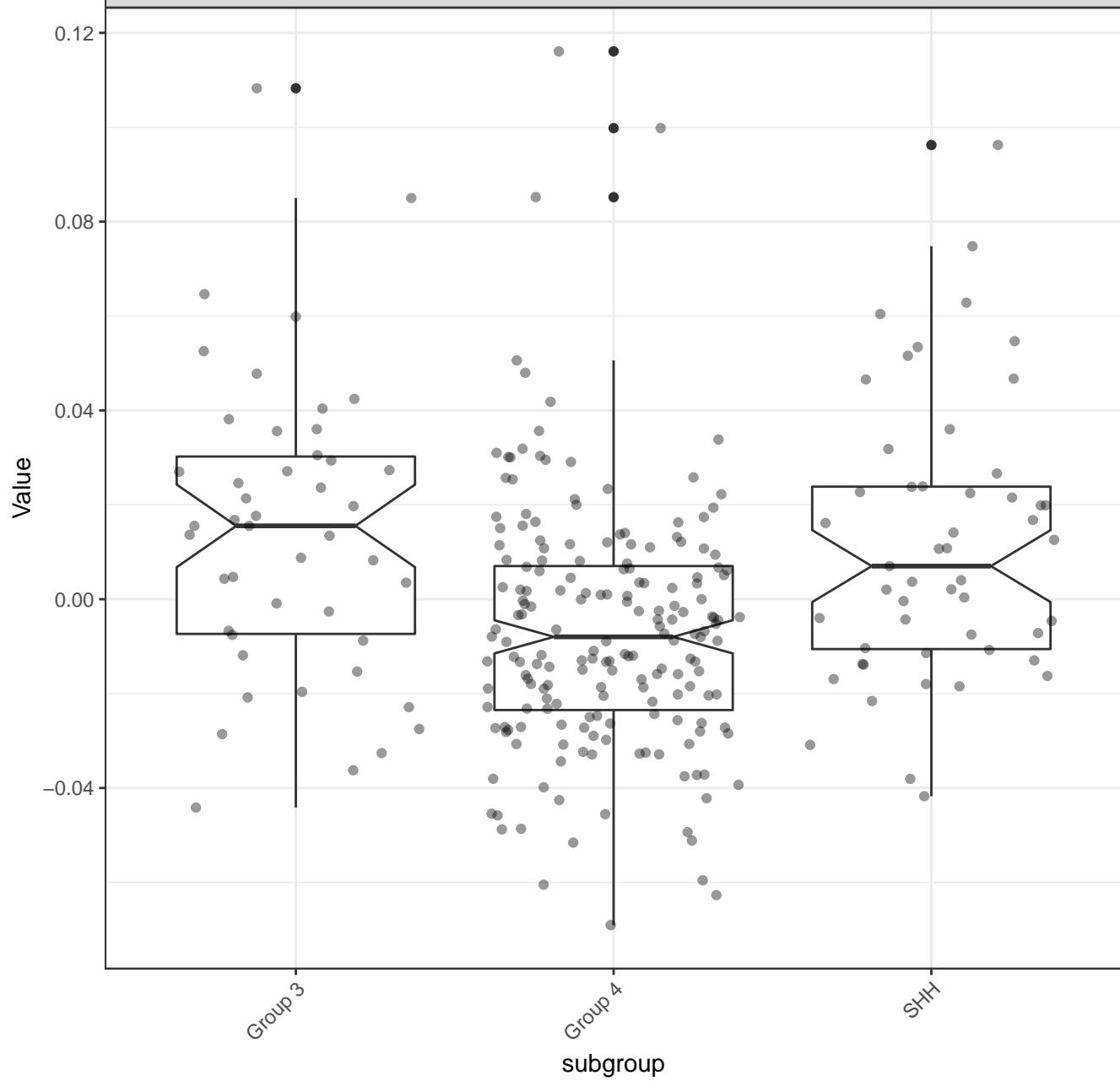
SHH



LV 253



LV 254



LV 255

Value

0.05

0.00

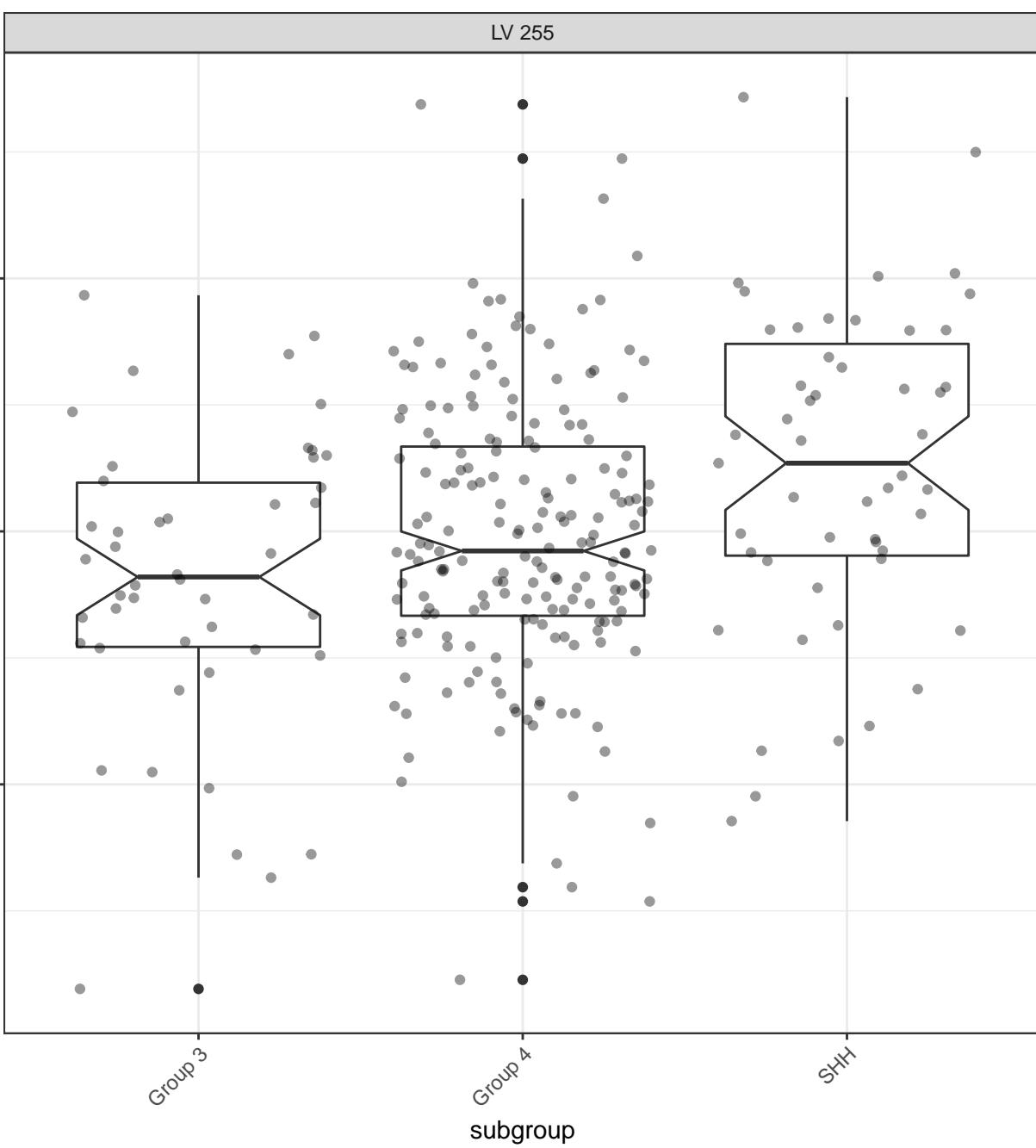
-0.05

Group 3

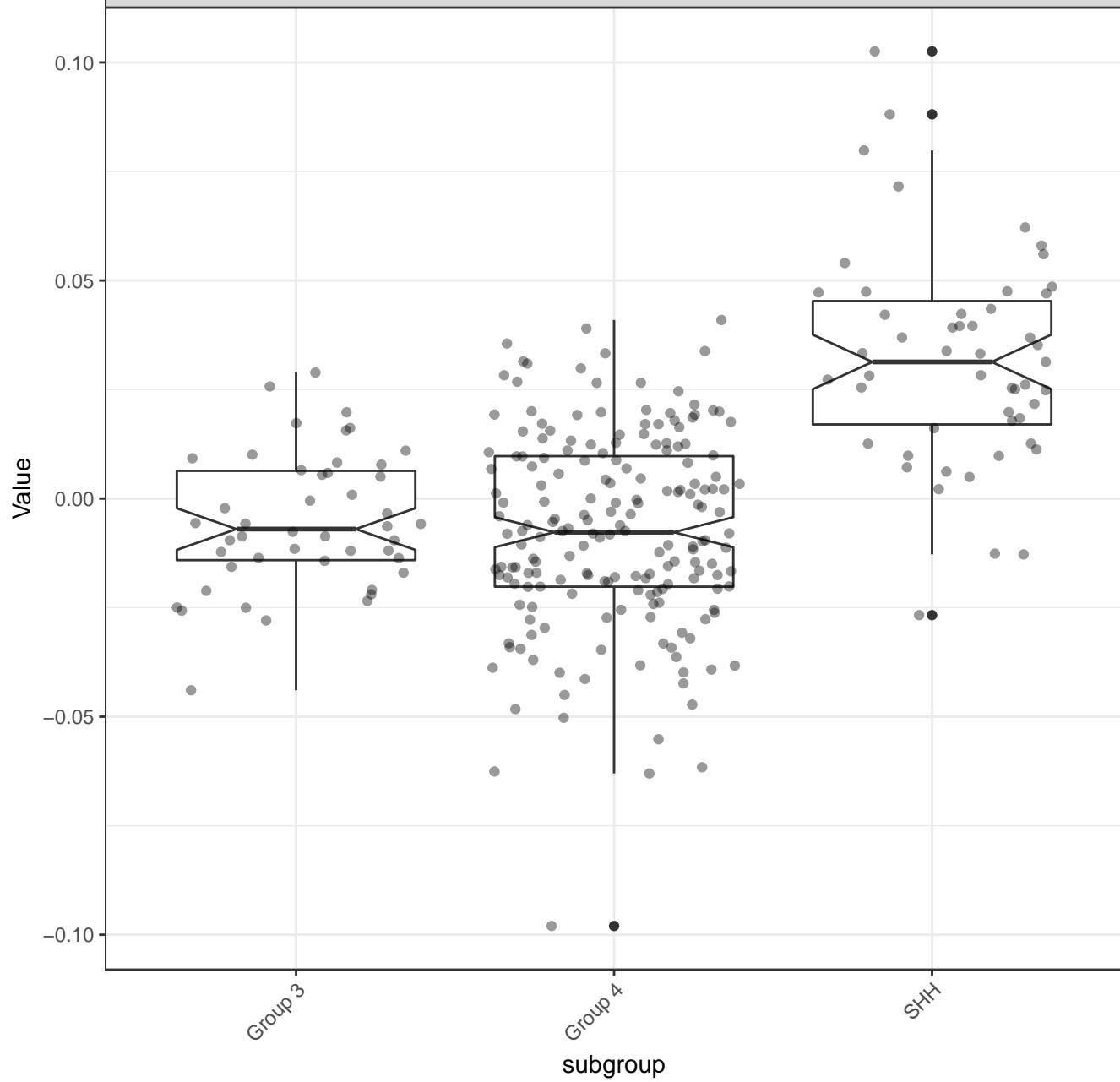
subgroup

Group 4

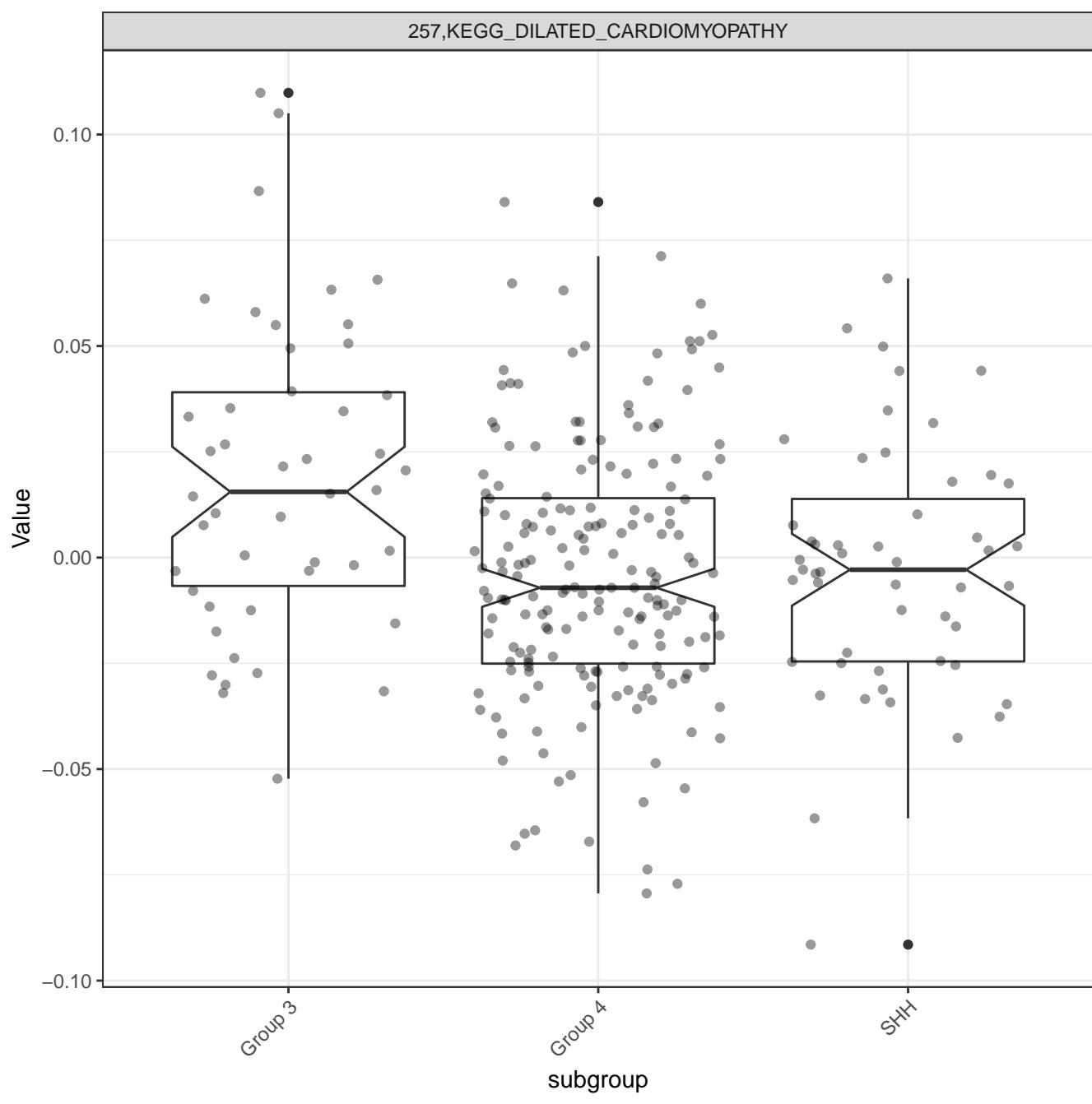
SHH



LV 256



257,KEGG_DILATED_CARDIOMYOPATHY



LV 258

Value

0.05

0.00

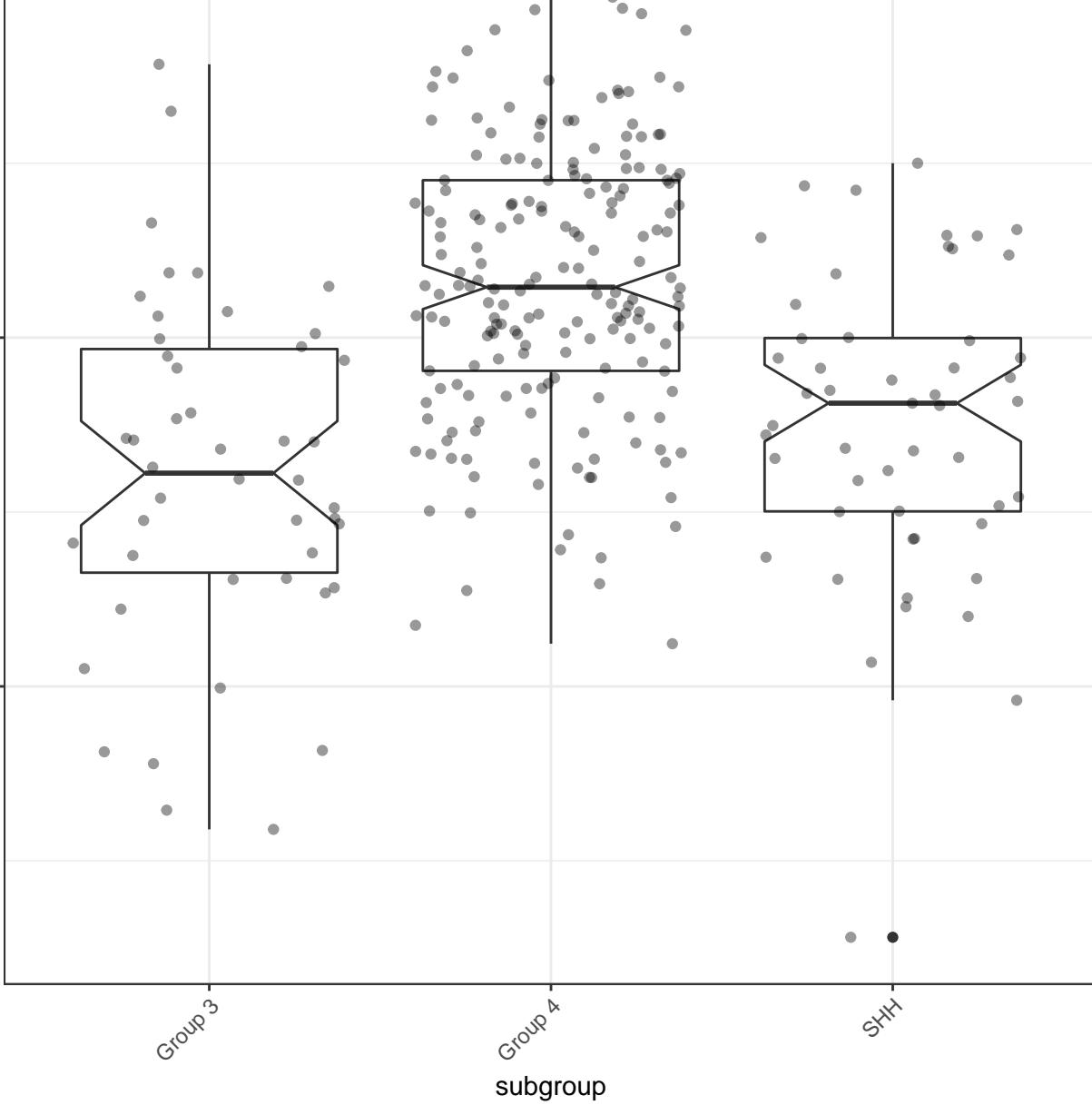
-0.05

Group 3

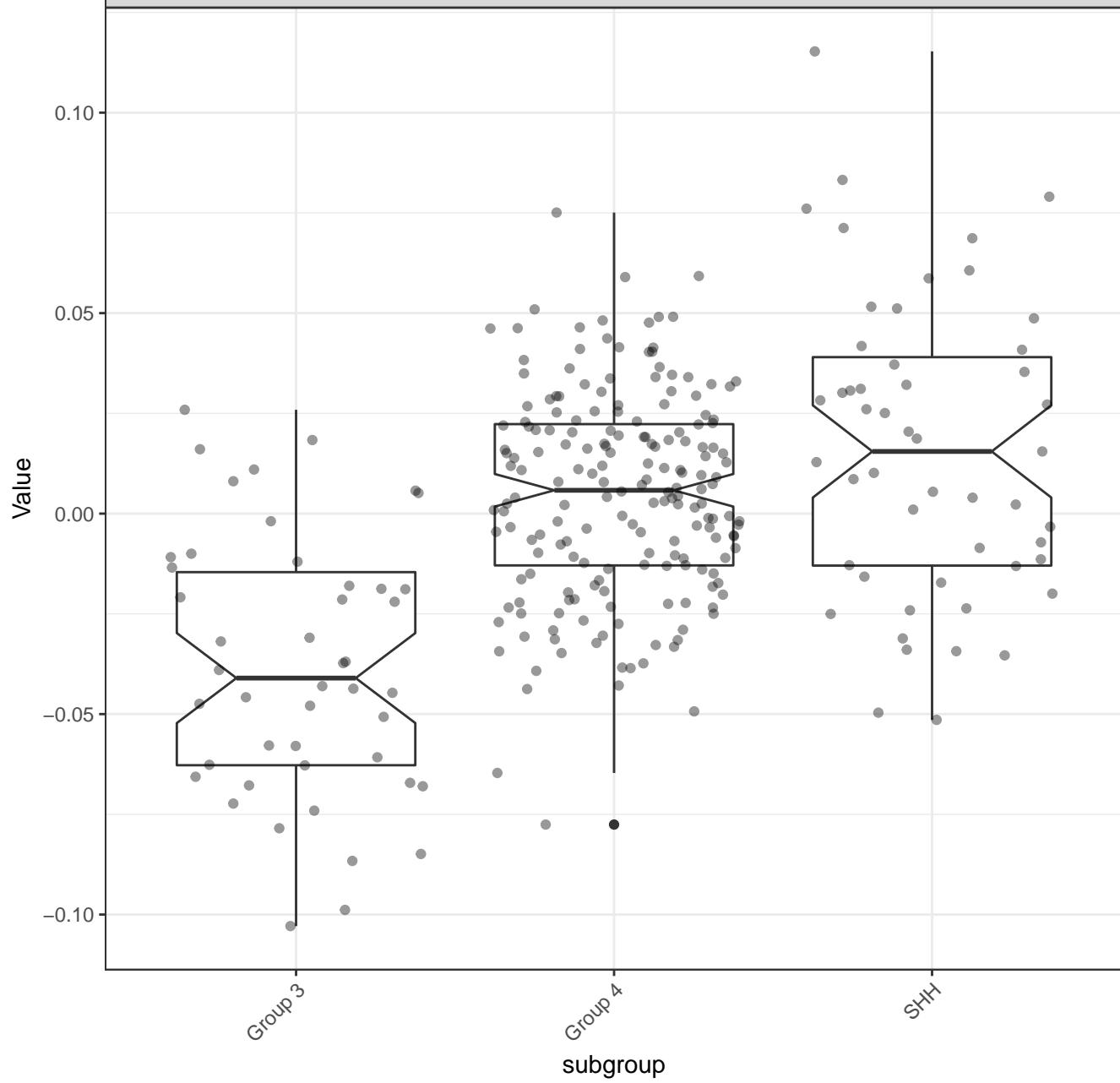
Group 4

SHH

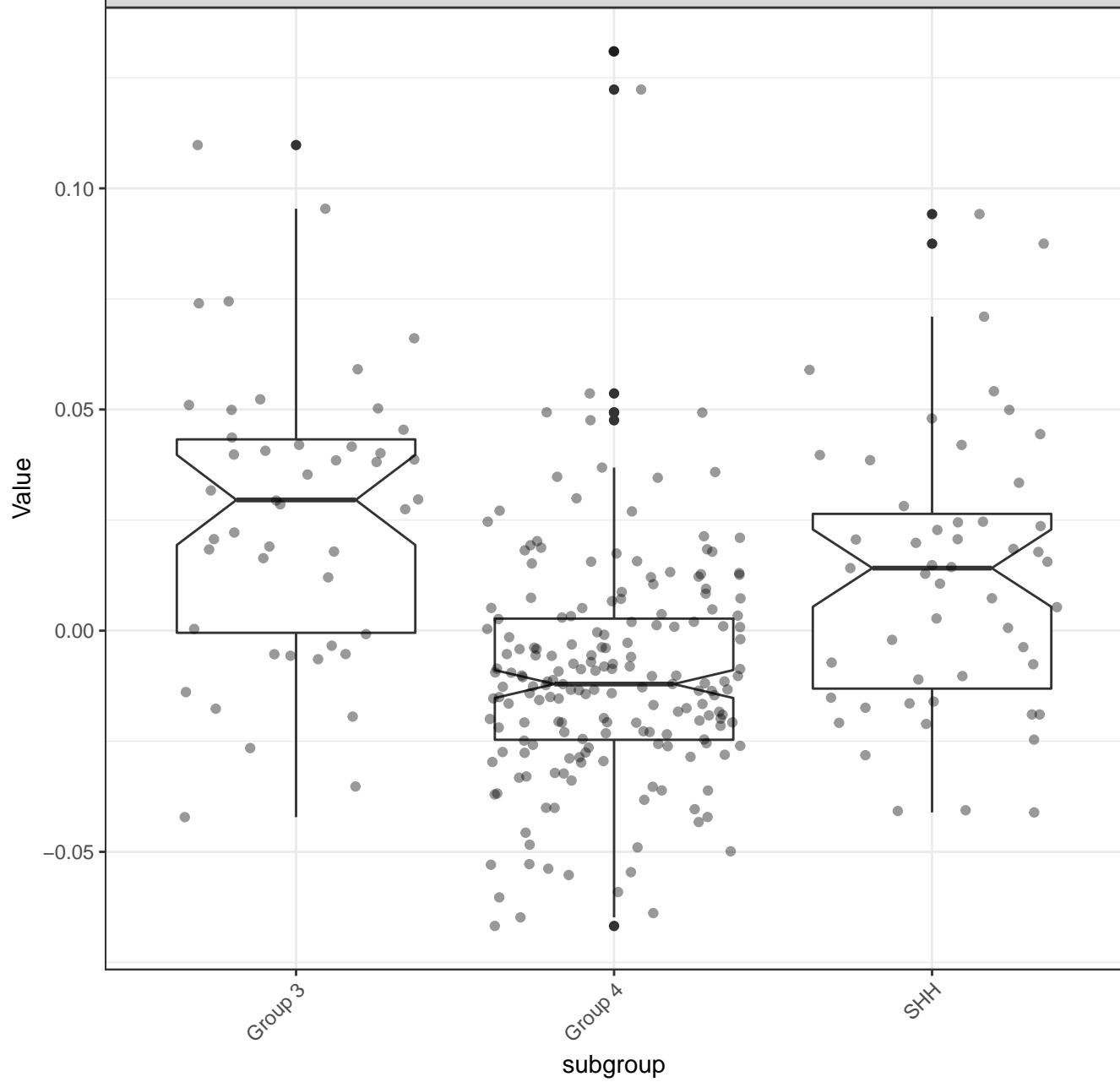
subgroup



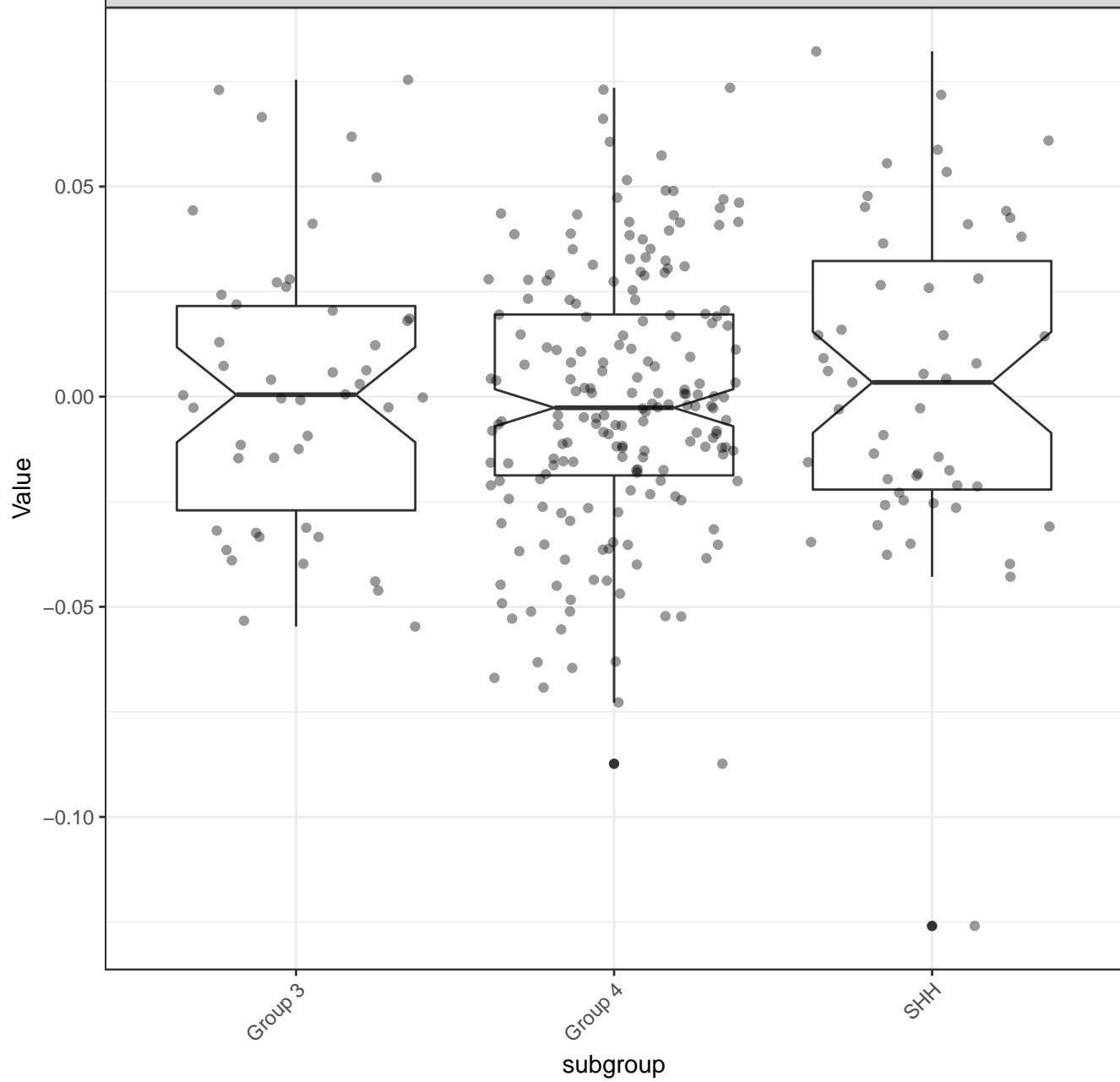
LV 259



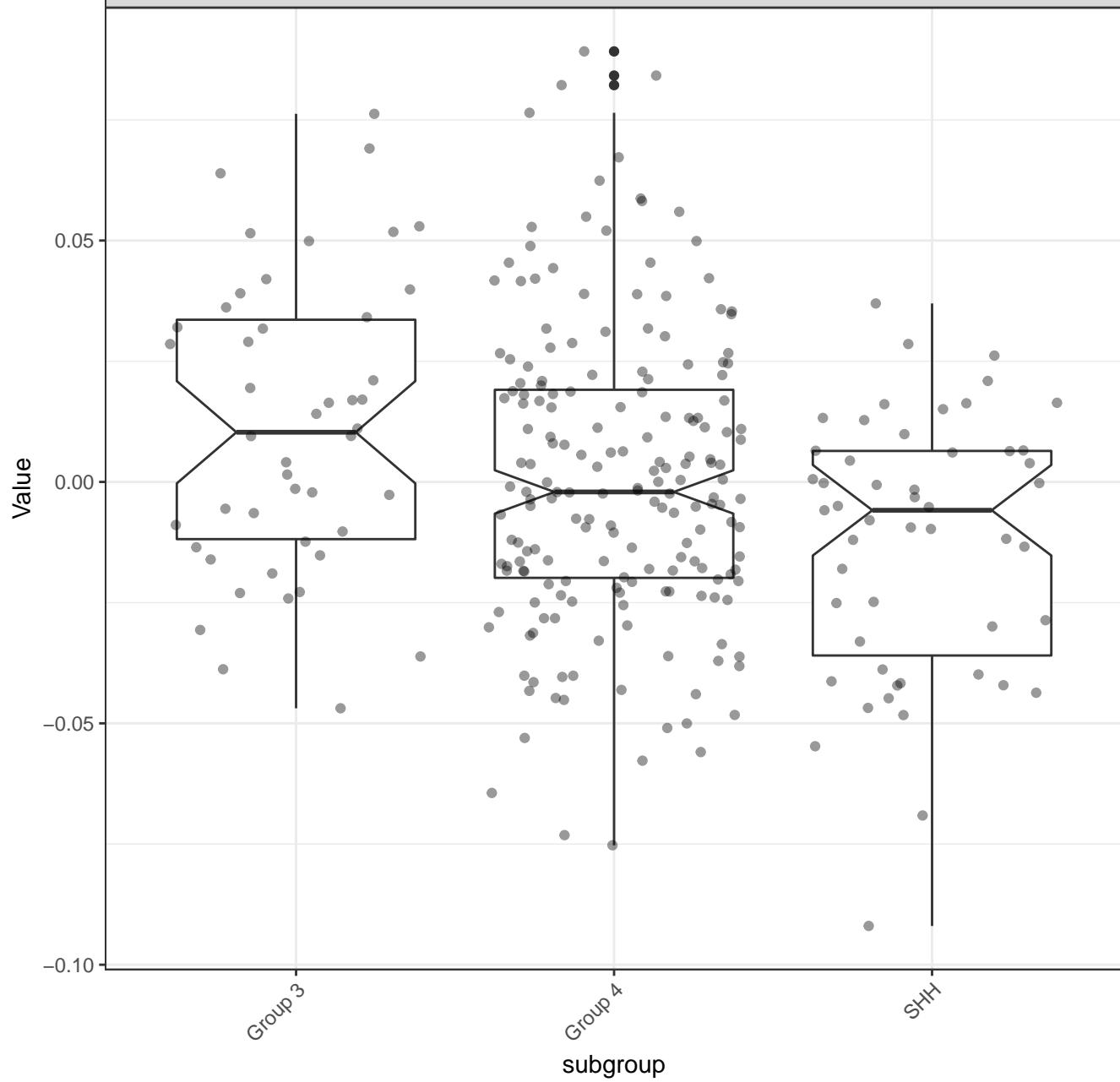
LV 260

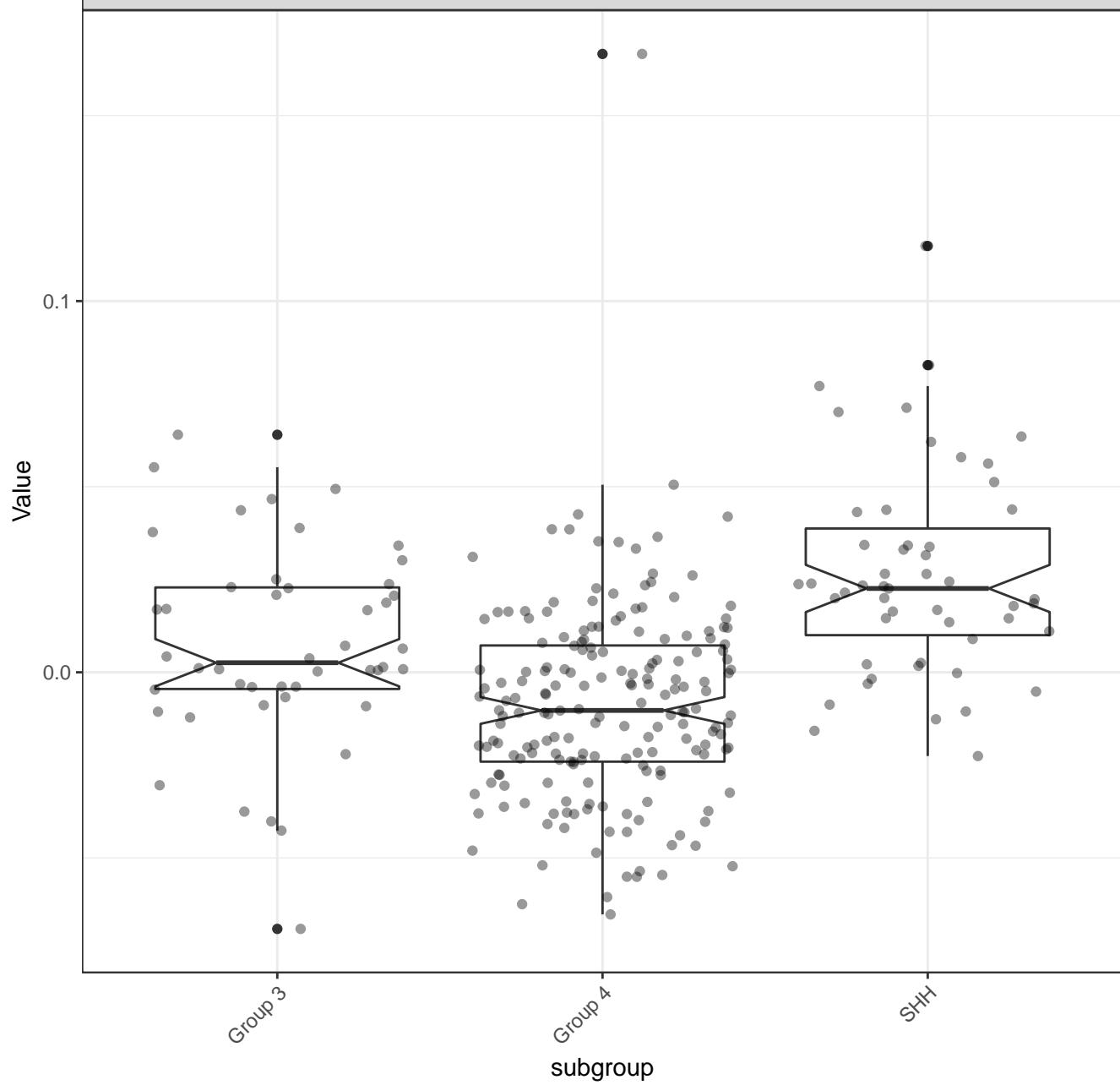


LV 261

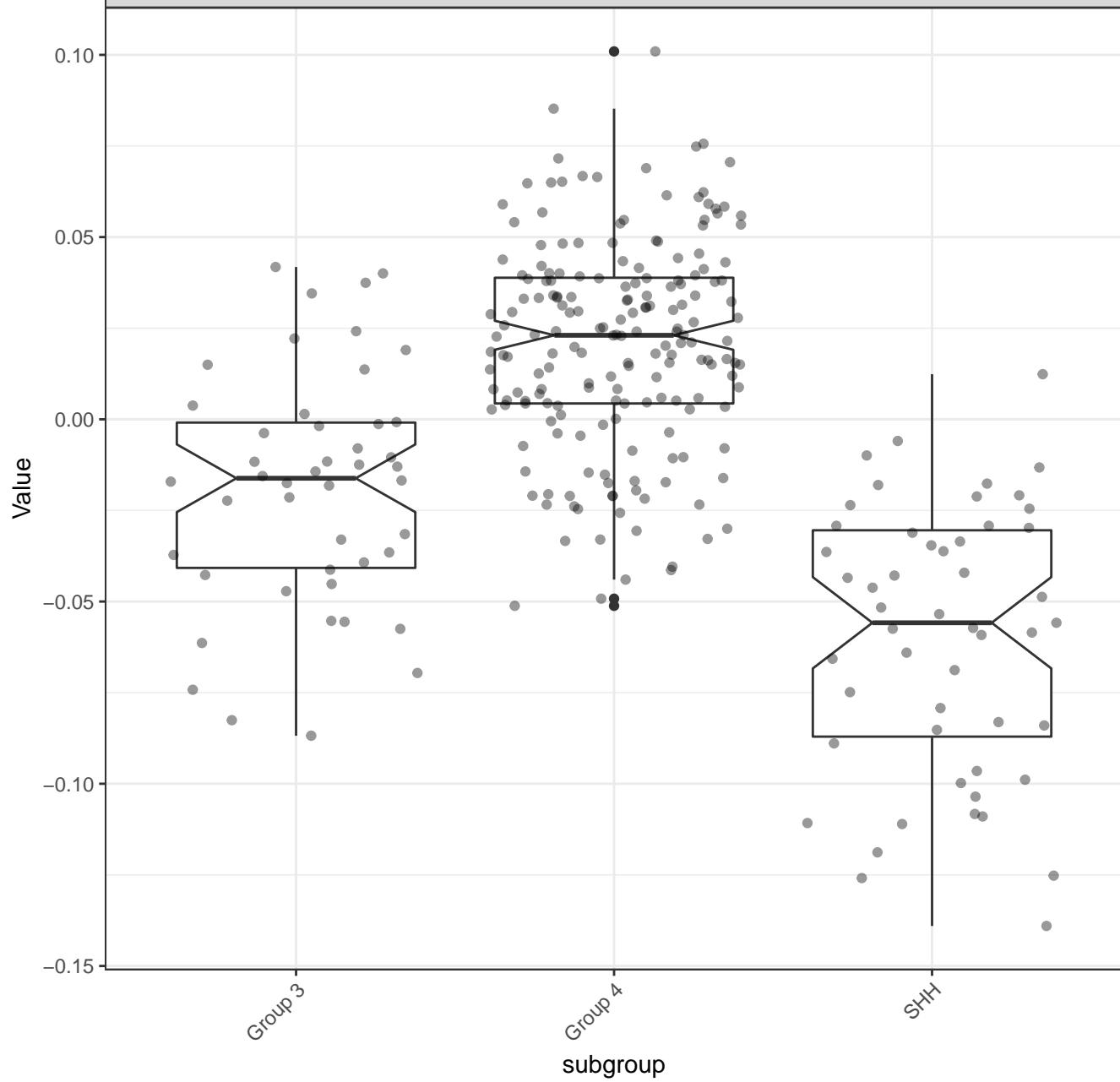


LV 262





264,DMAP_MEGA2



LV 265

Value

0.05

0.00

-0.05

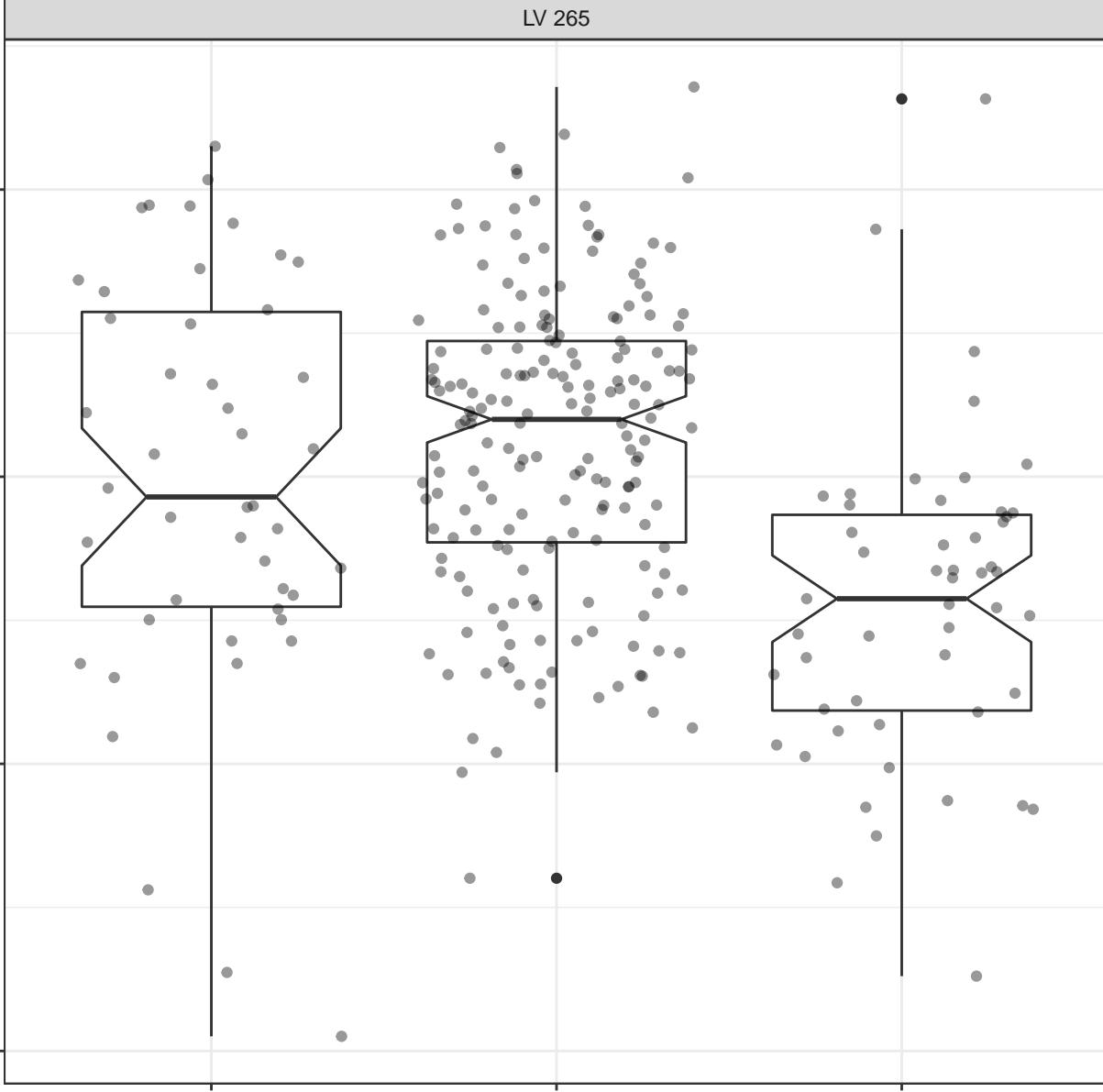
-0.10

Group 3

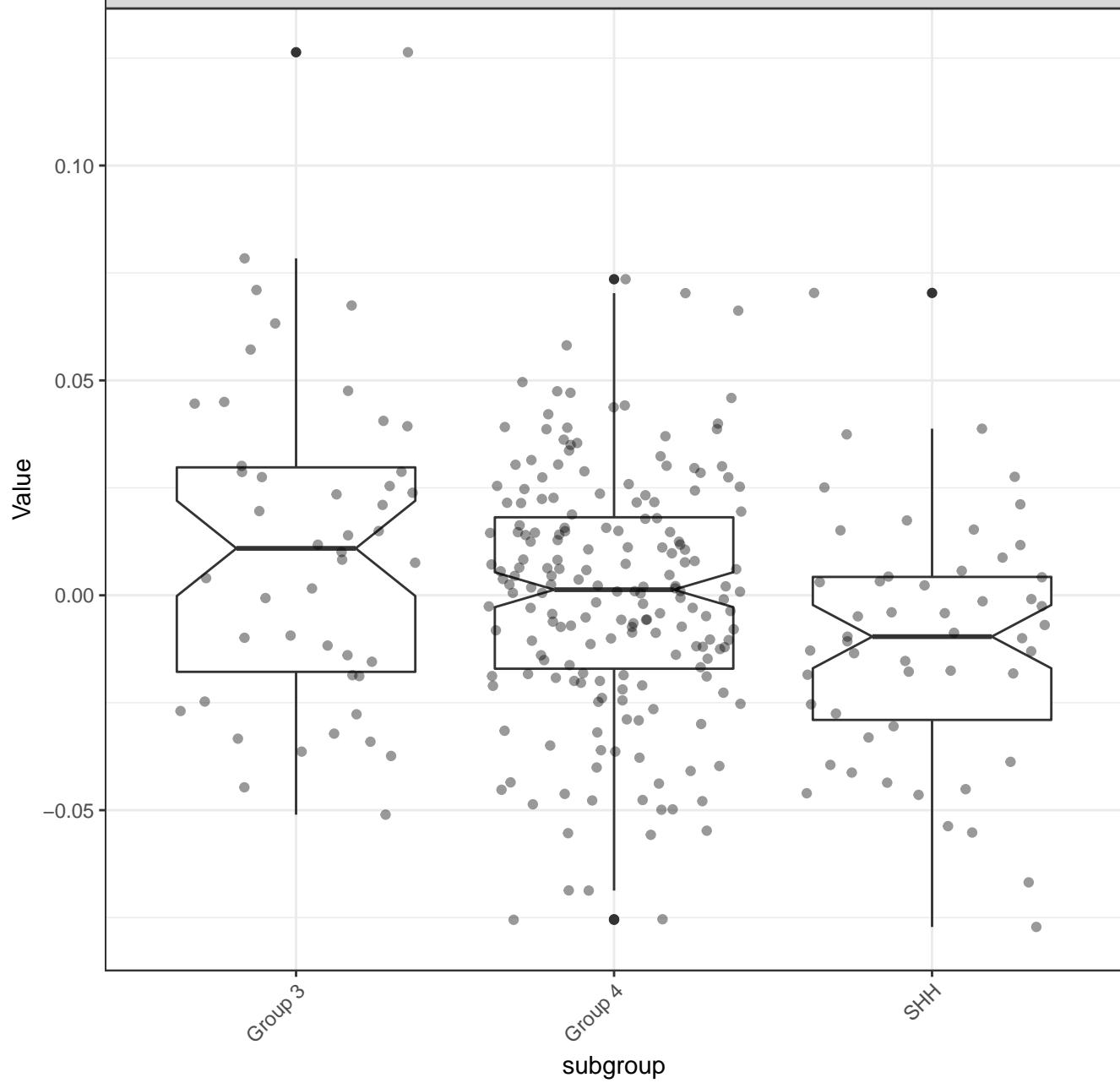
Group 4

SHH

subgroup



266,PID_FASPATHWAY



LV 267

Value

0.10

0.05

0.00

-0.05

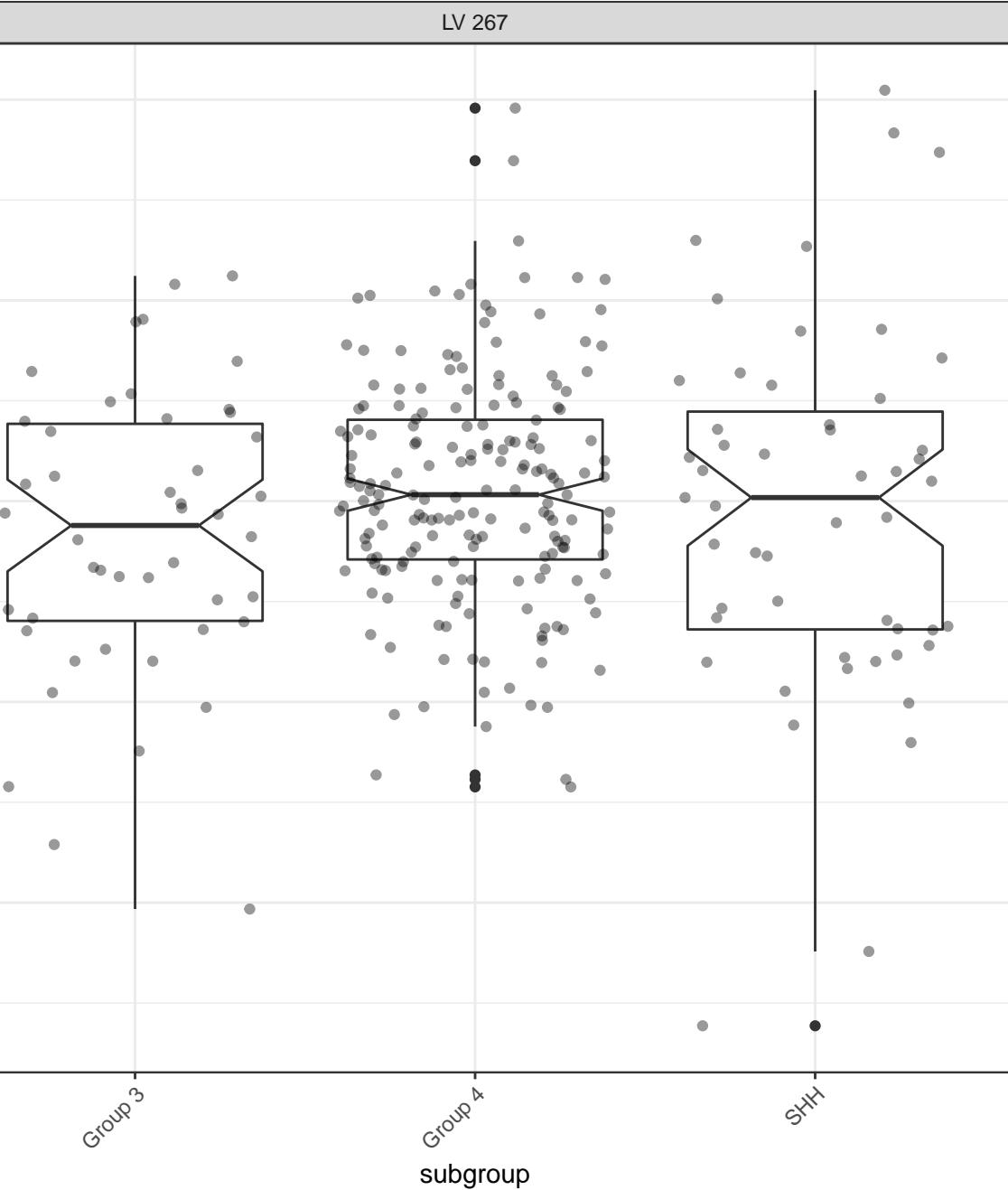
-0.10

Group 3

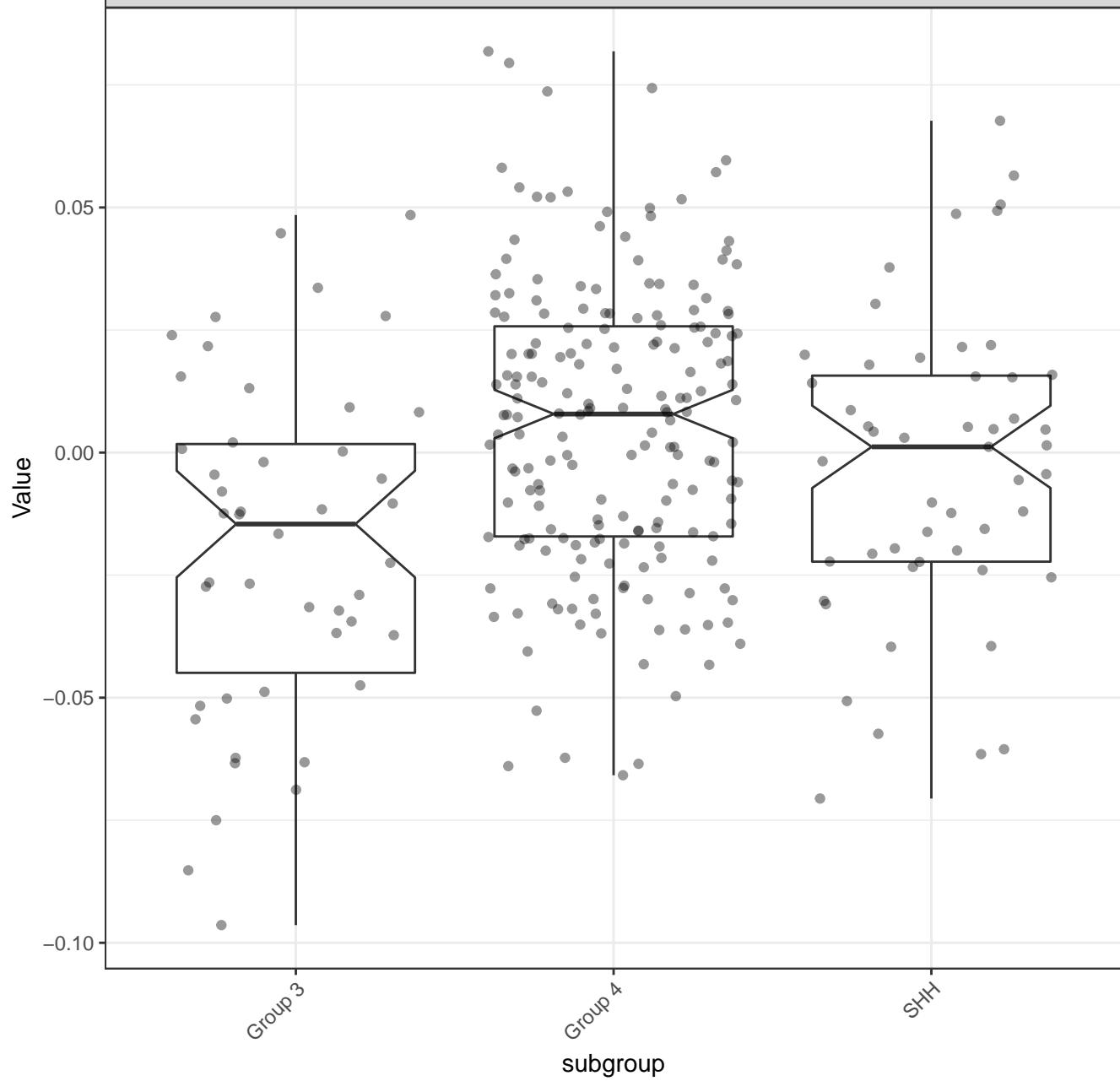
subgroup

Group 4

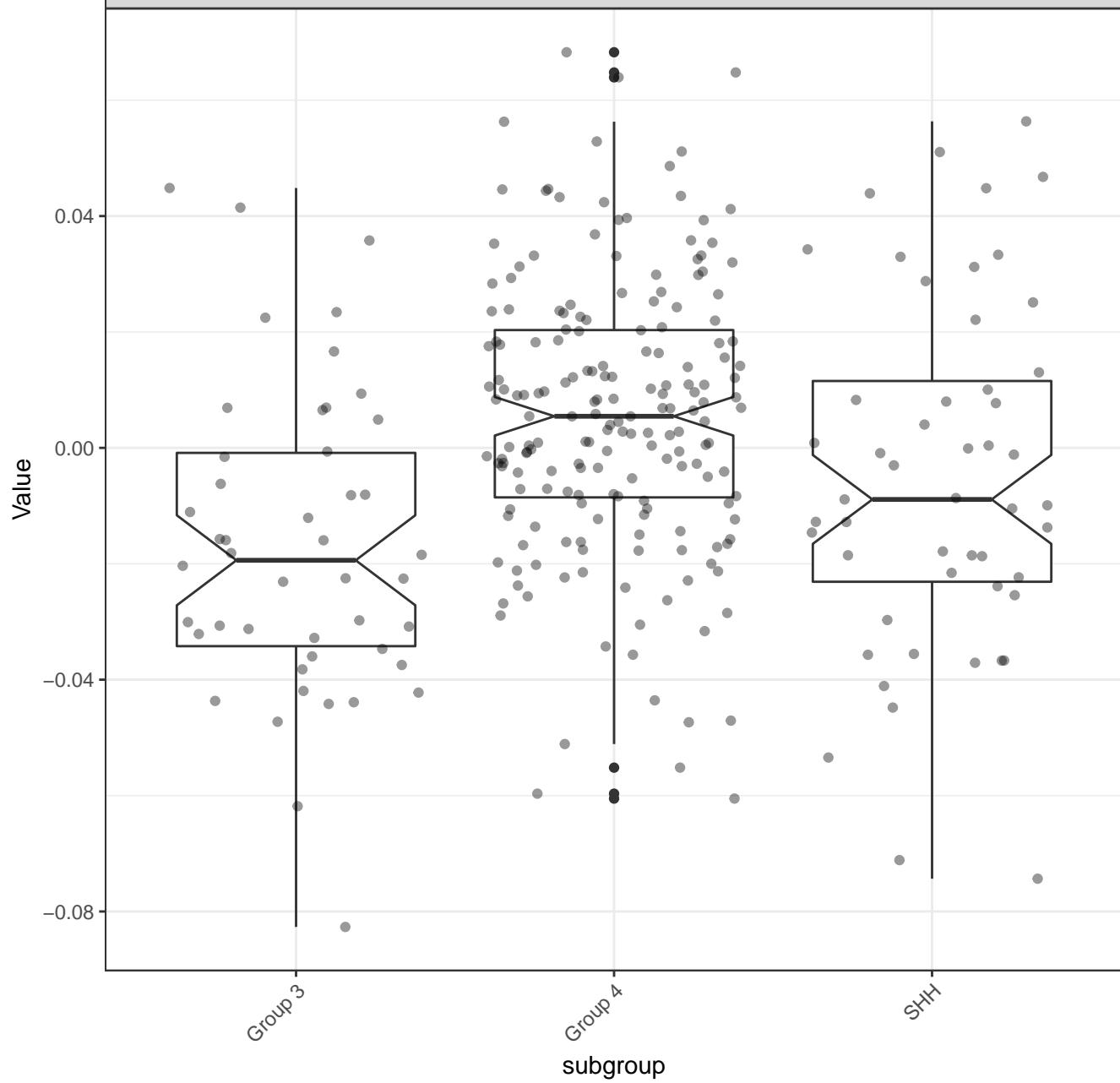
SHH



LV 268



LV 269



LV 270

Value

0.05

0.00

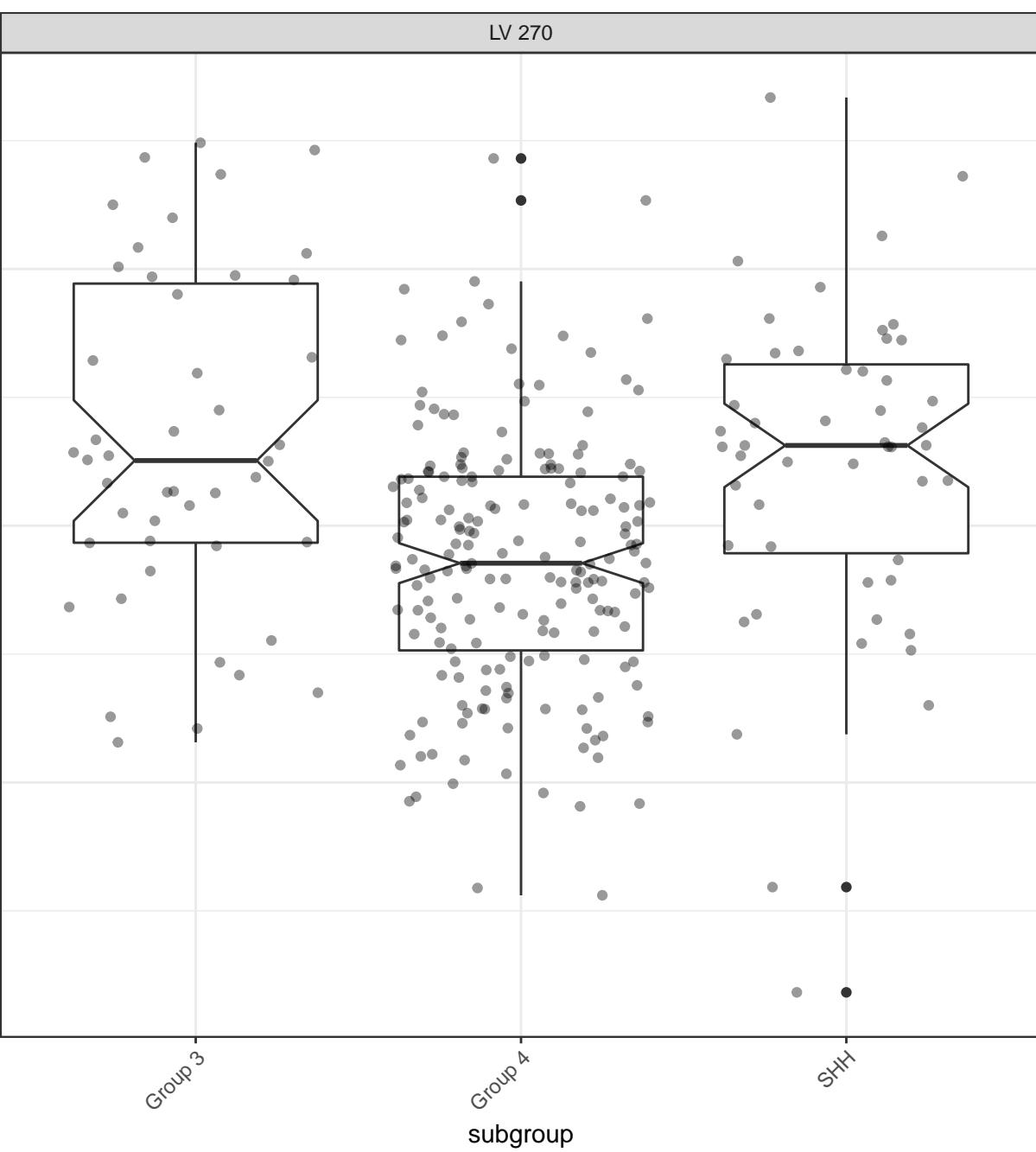
-0.05

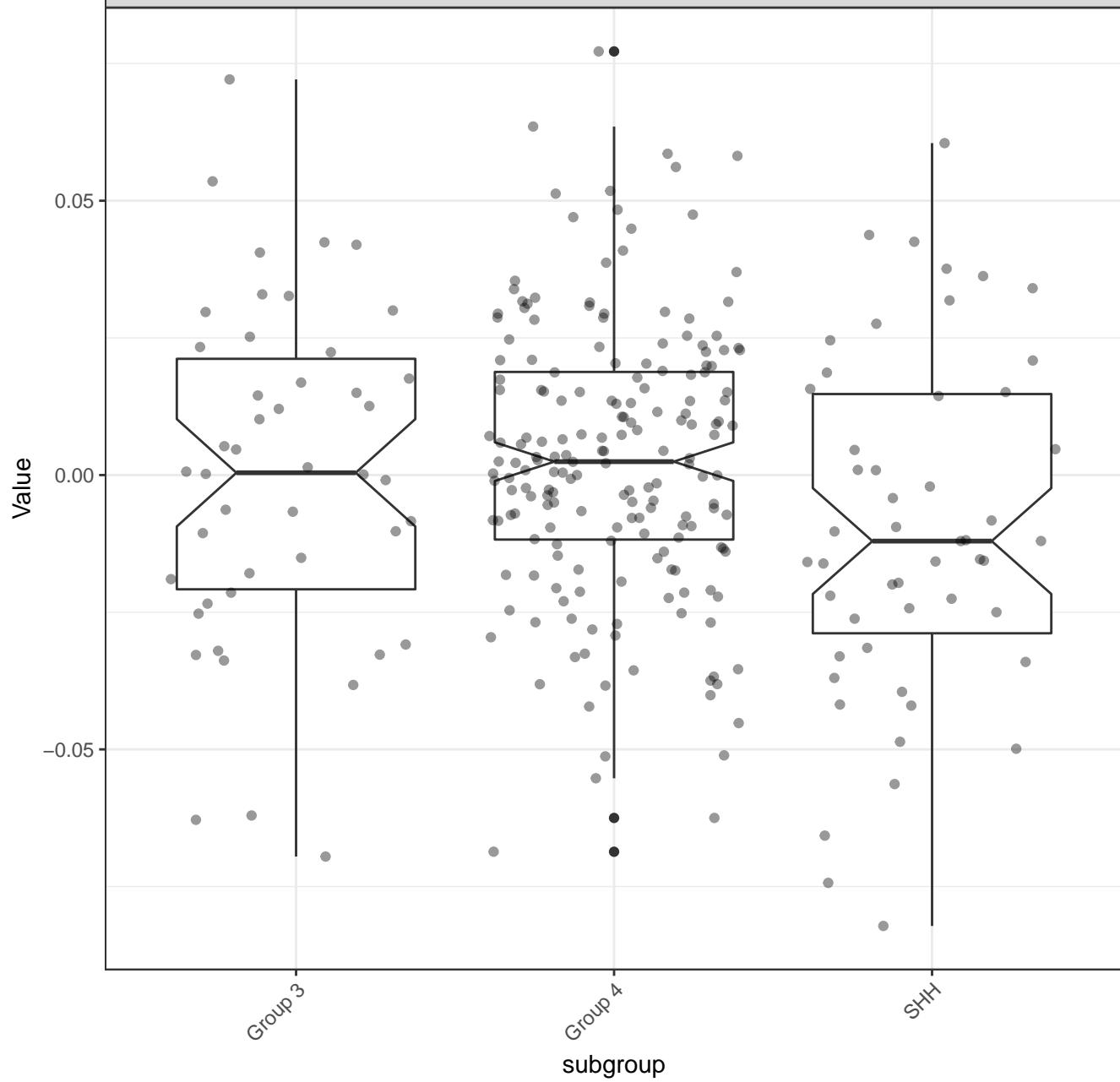
Group₃

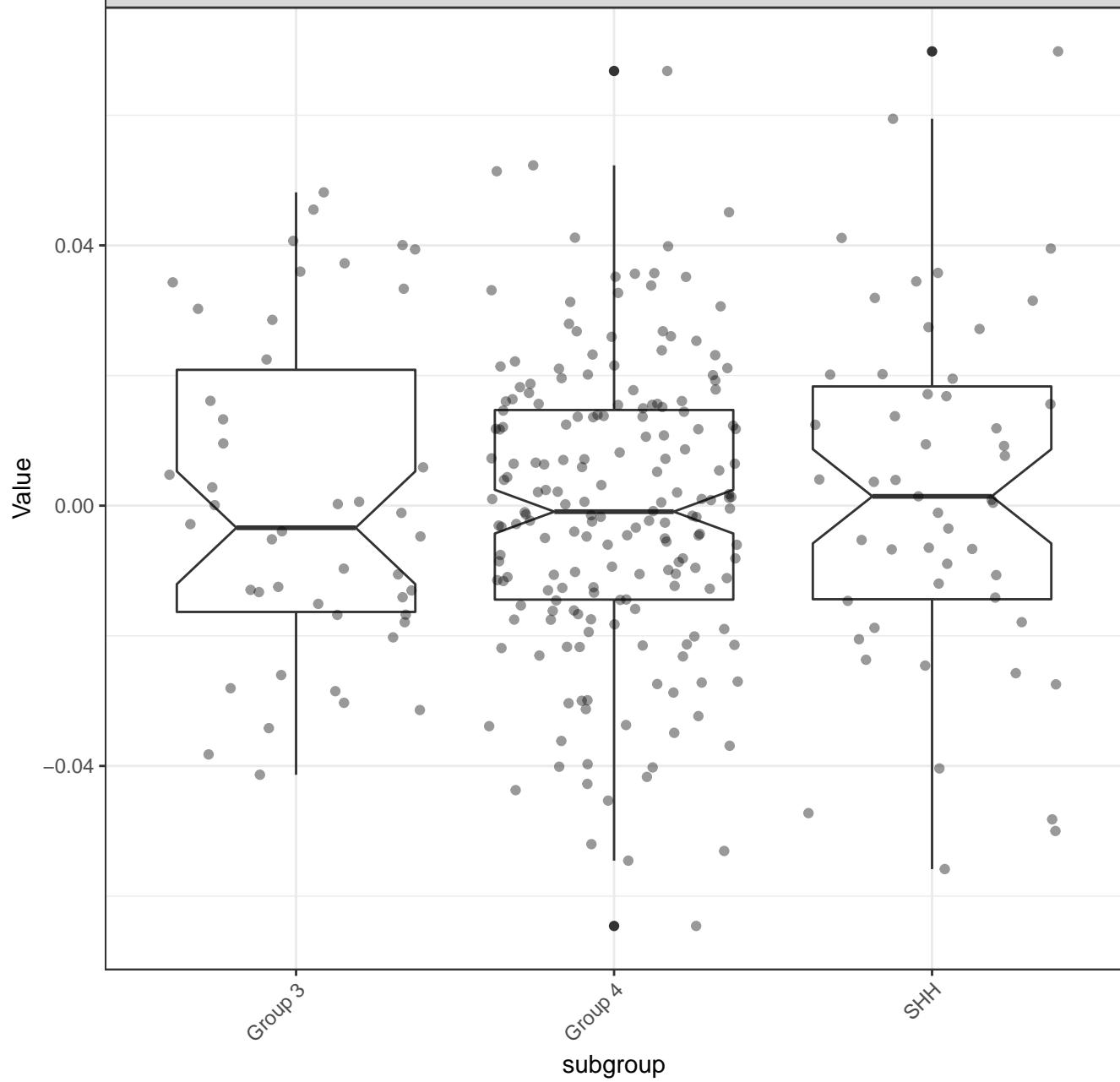
subgroup

Group₄

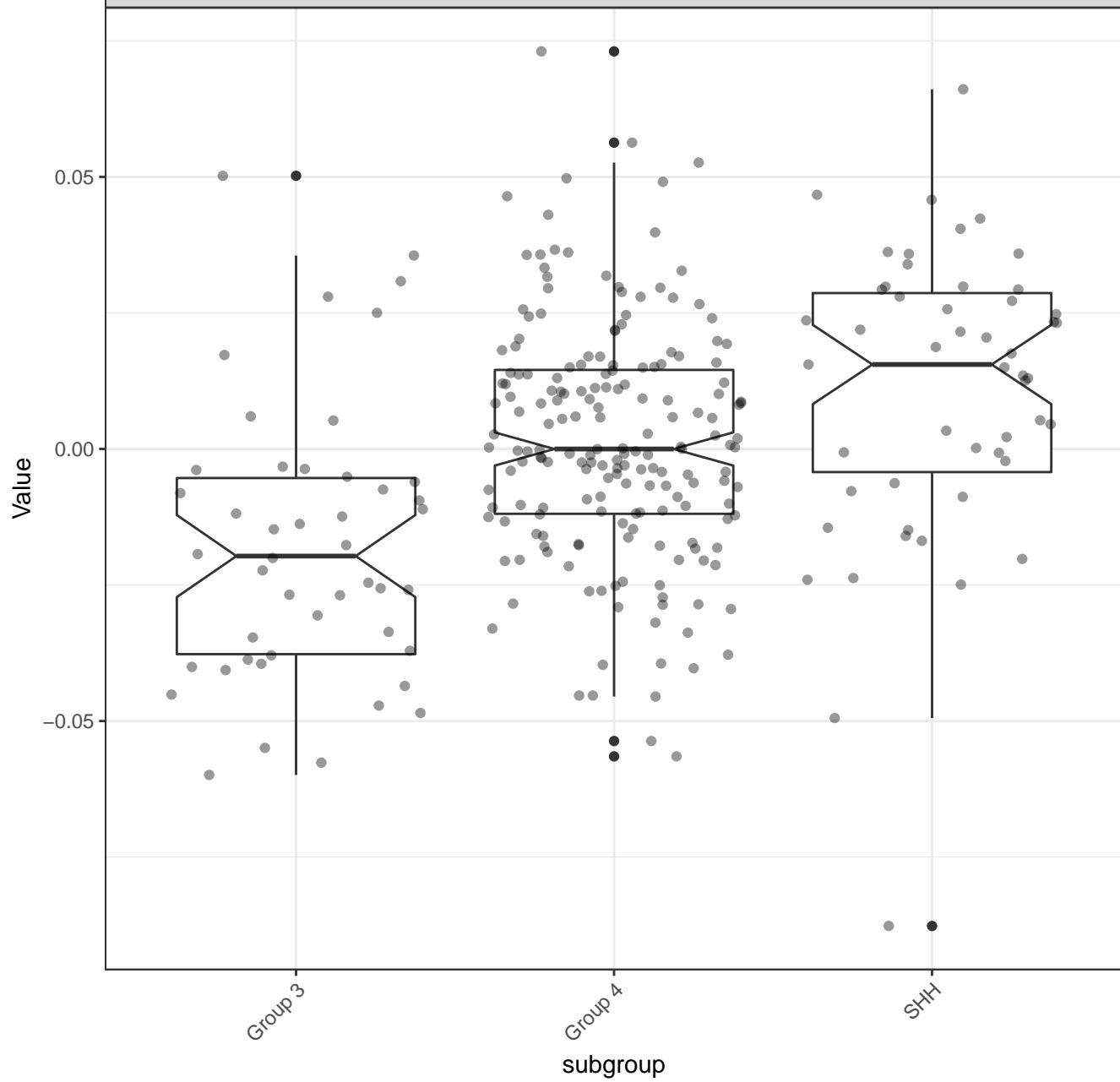
SHH

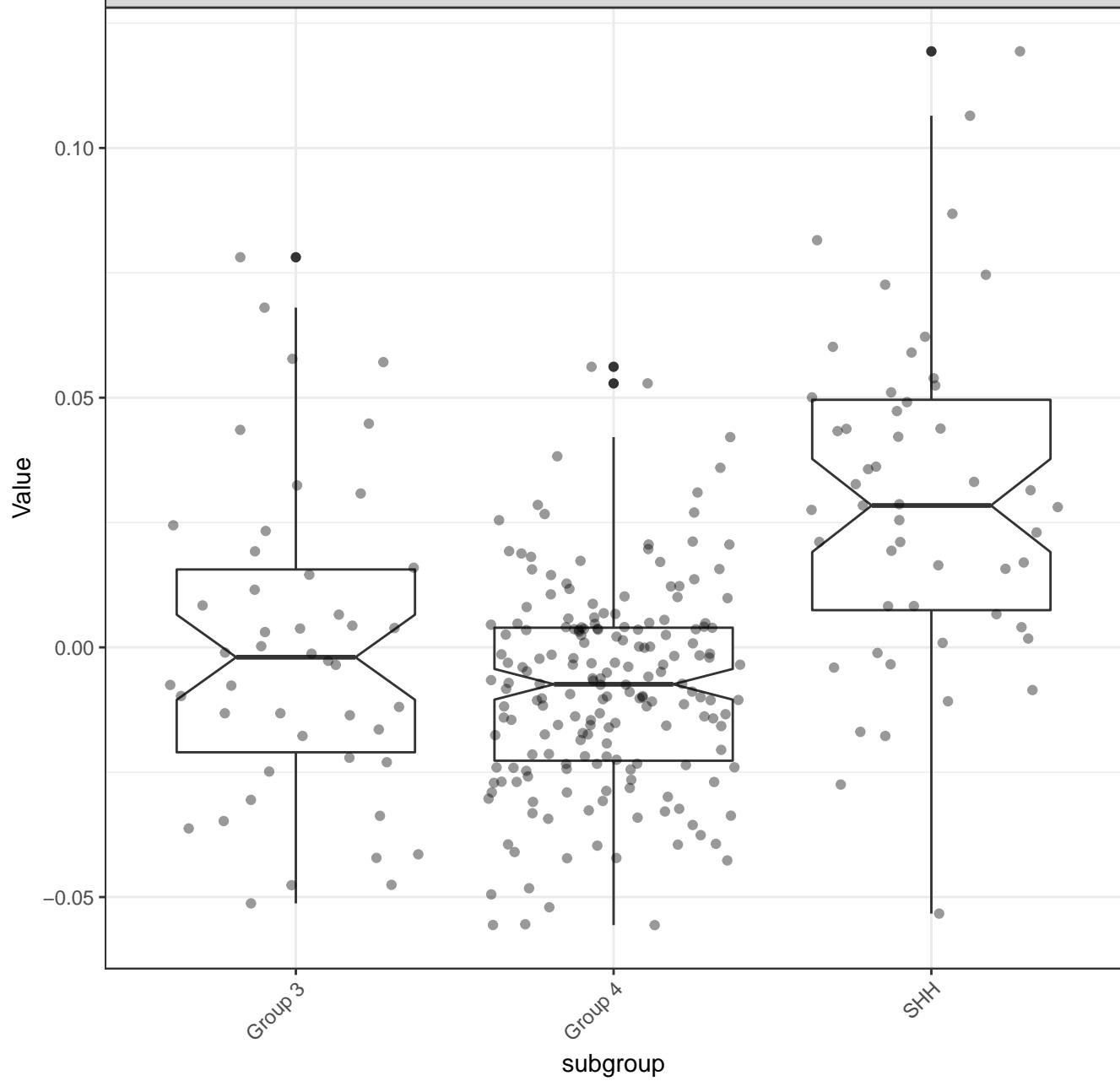






LV 273





LV 275

Value

0.10

0.05

0.00

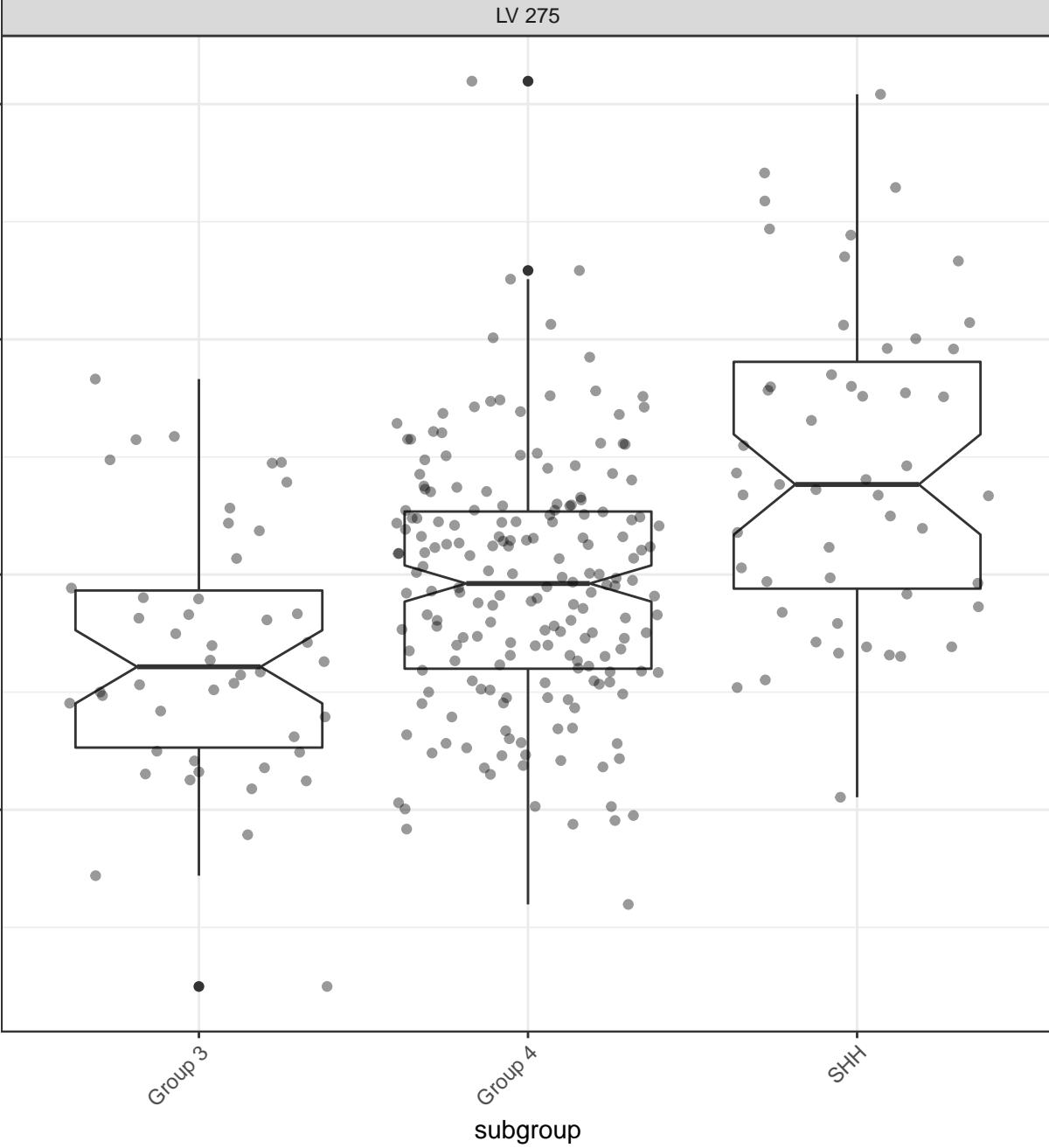
-0.05

Group 3

Group 4

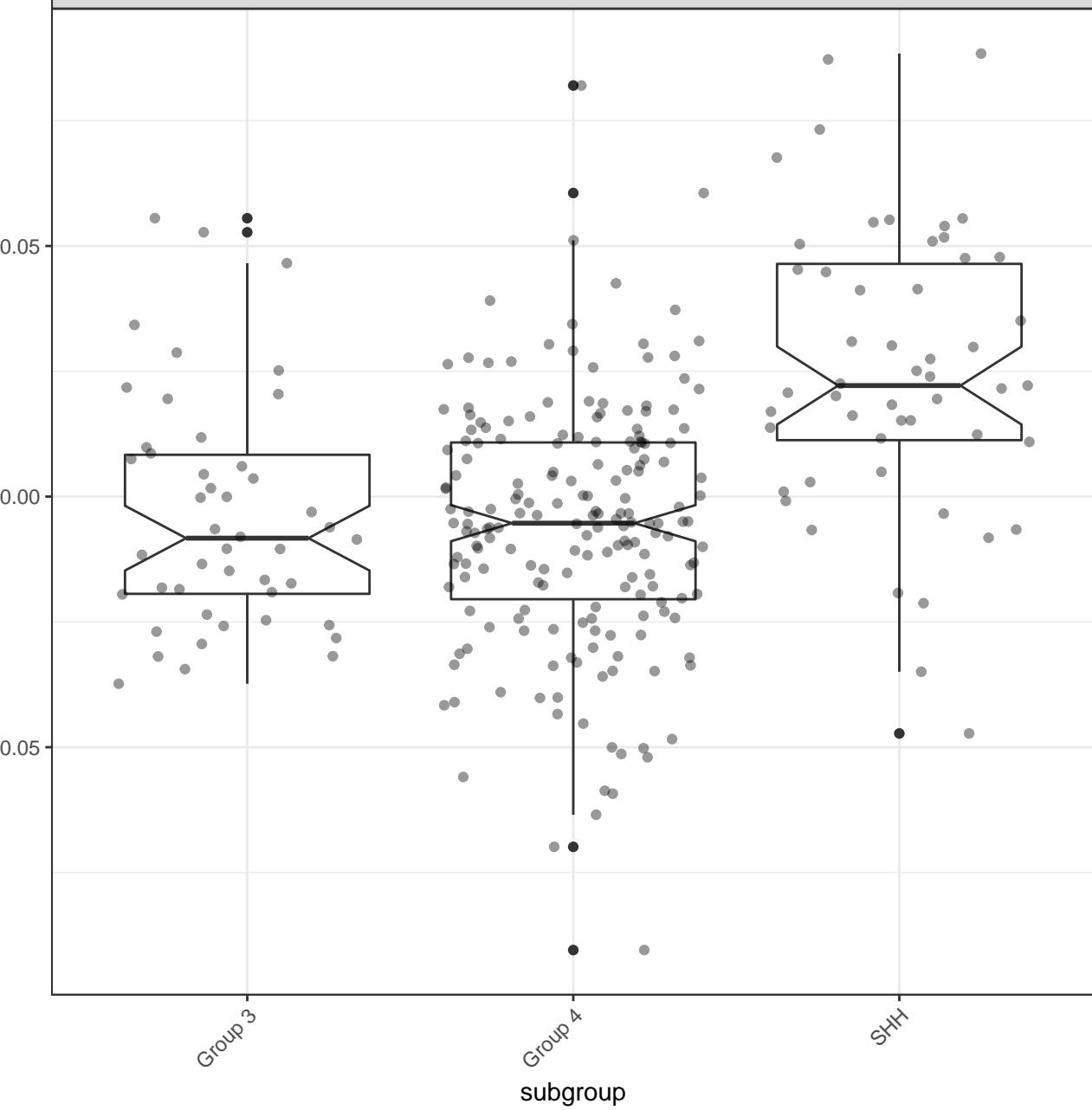
SHH

subgroup



LV 276

Value



LV 277

Value

0.10

0.05

0.00

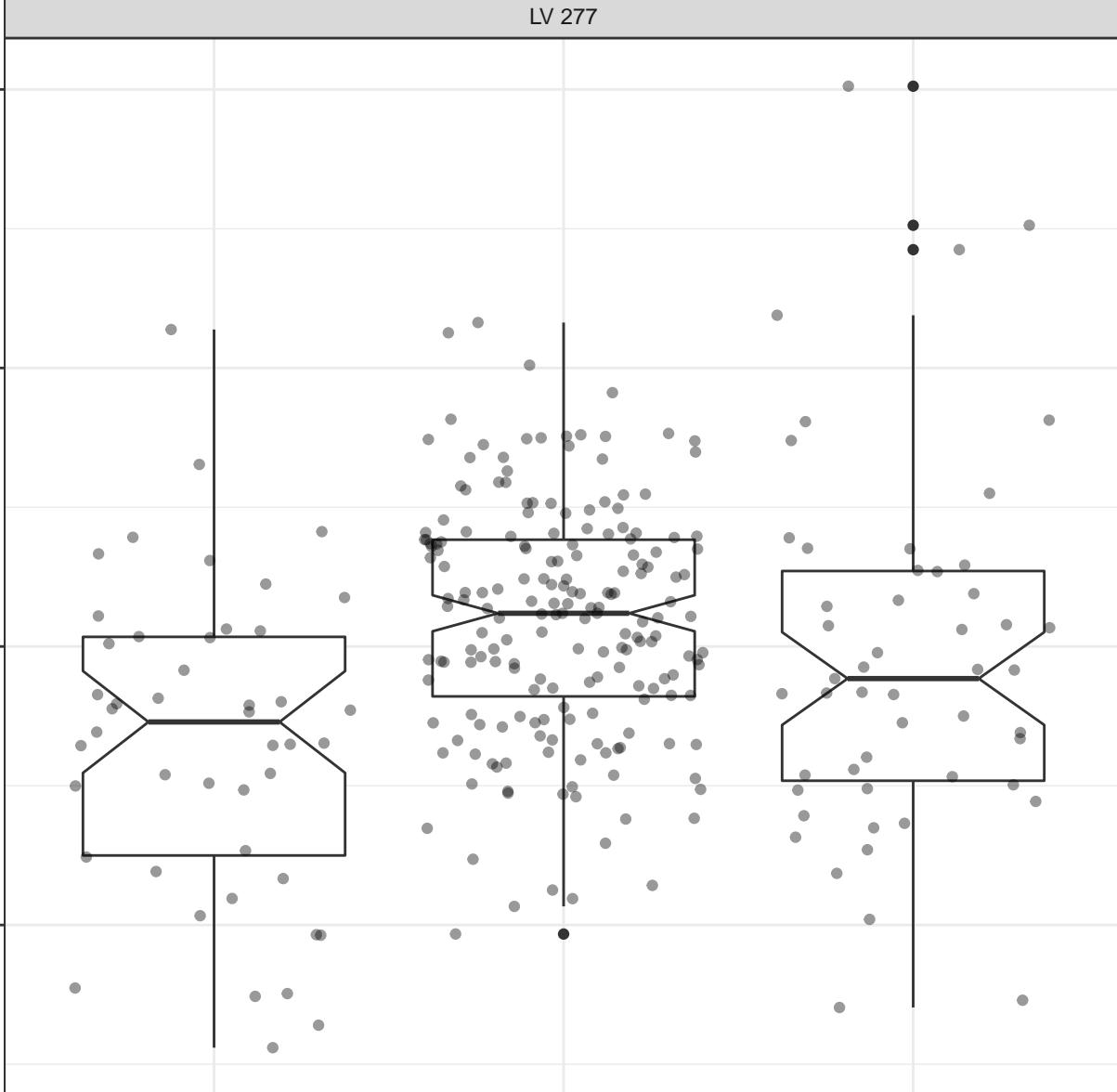
-0.05

Group 3

Group 4

SHH

subgroup



LV 278

Value

0.05

0.00

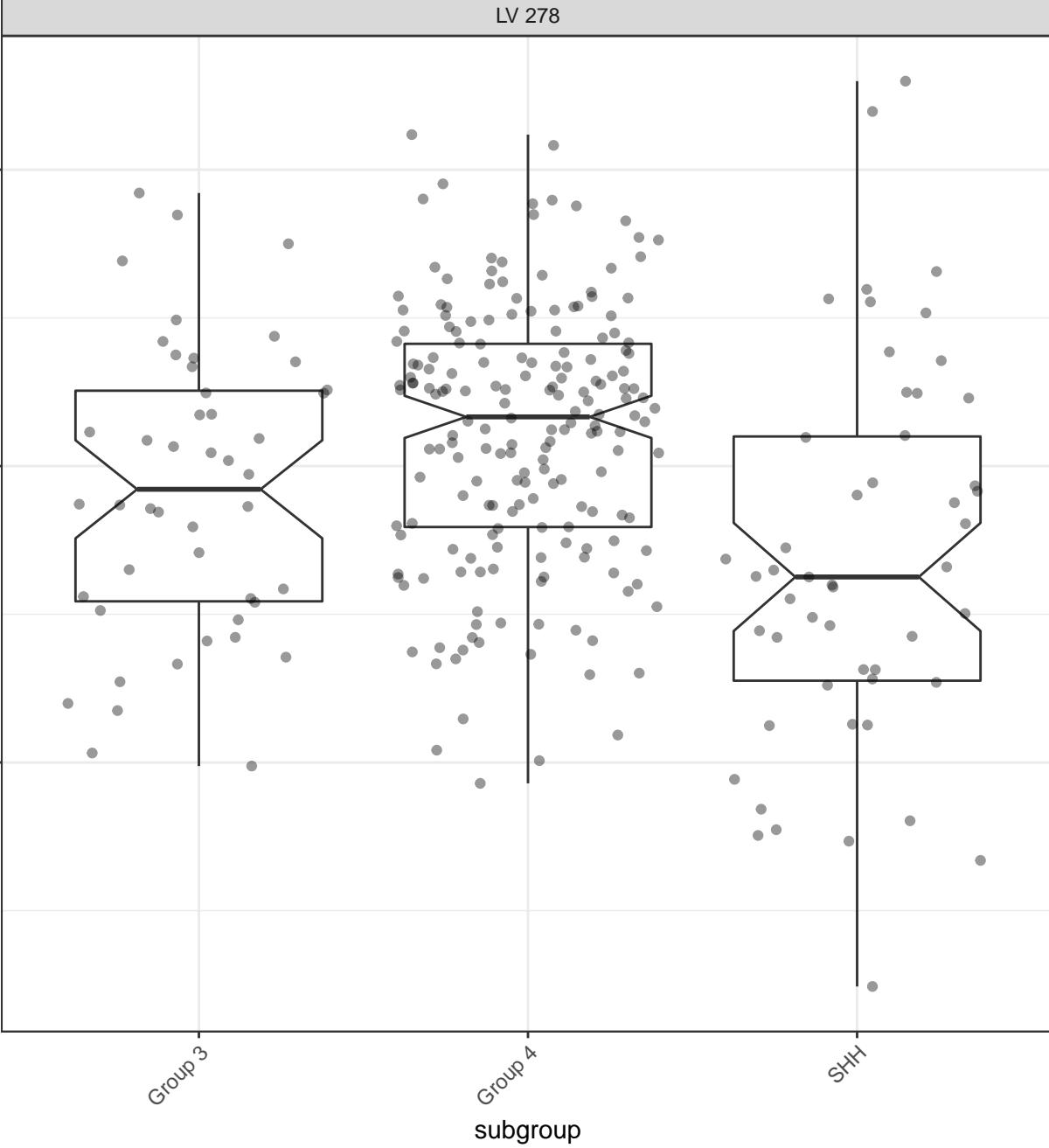
-0.05

Group 3

Group 4

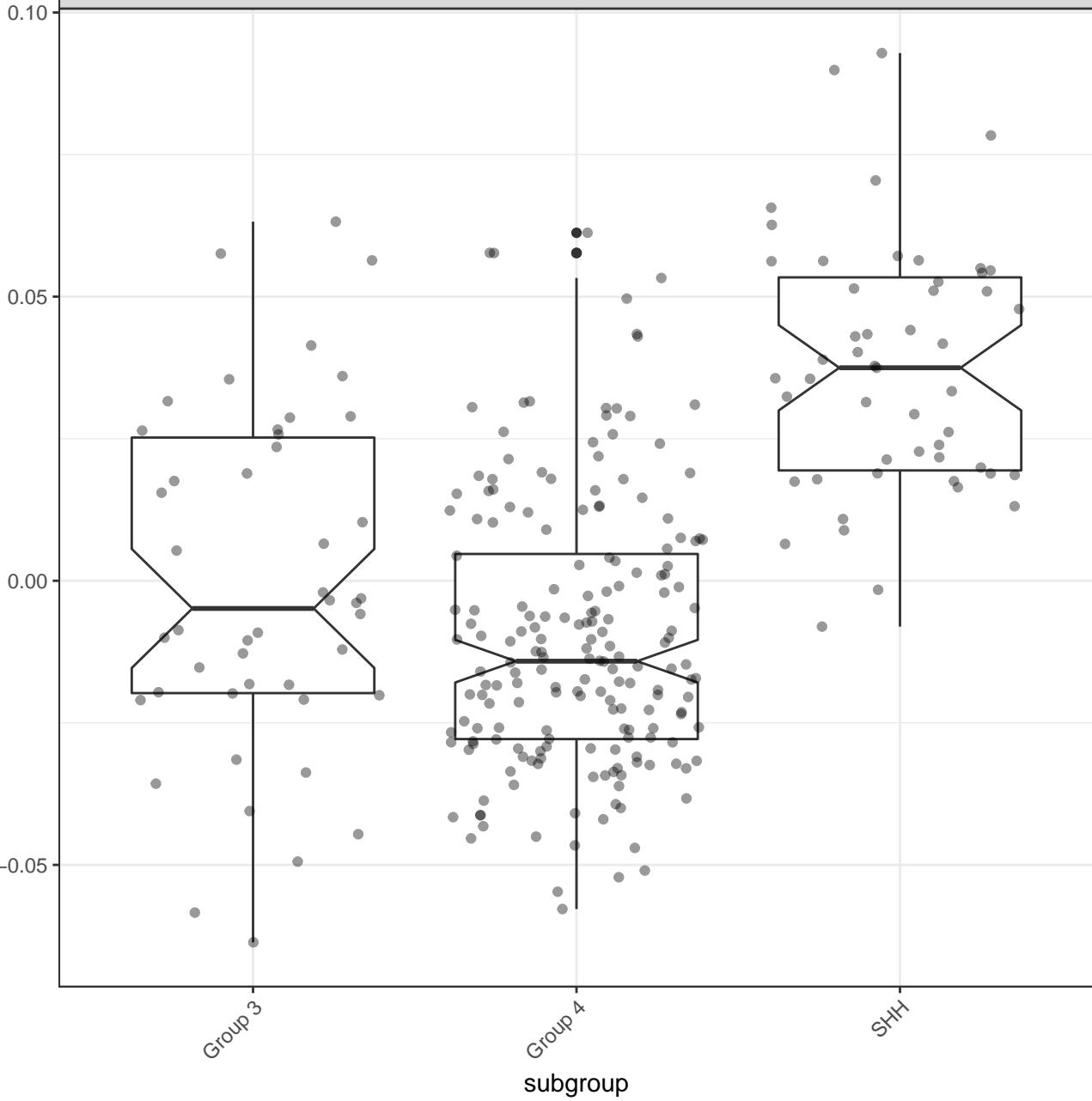
SHH

subgroup



LV 279

Value



LV 280

Value

0.05

0.00

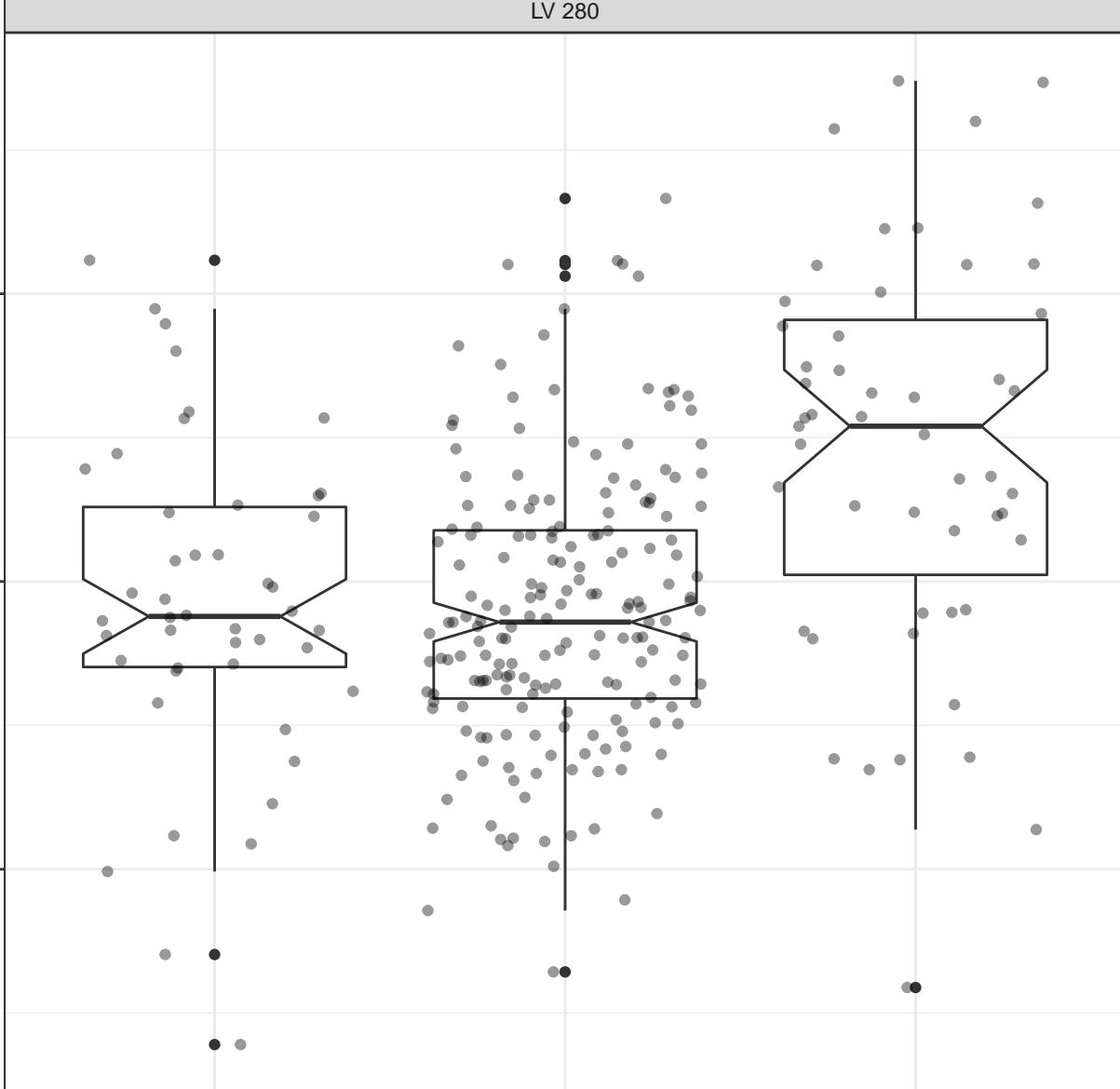
-0.05

Group 3

Group 4

SHH

subgroup



LV 281

Value

0.10

0.05

0.00

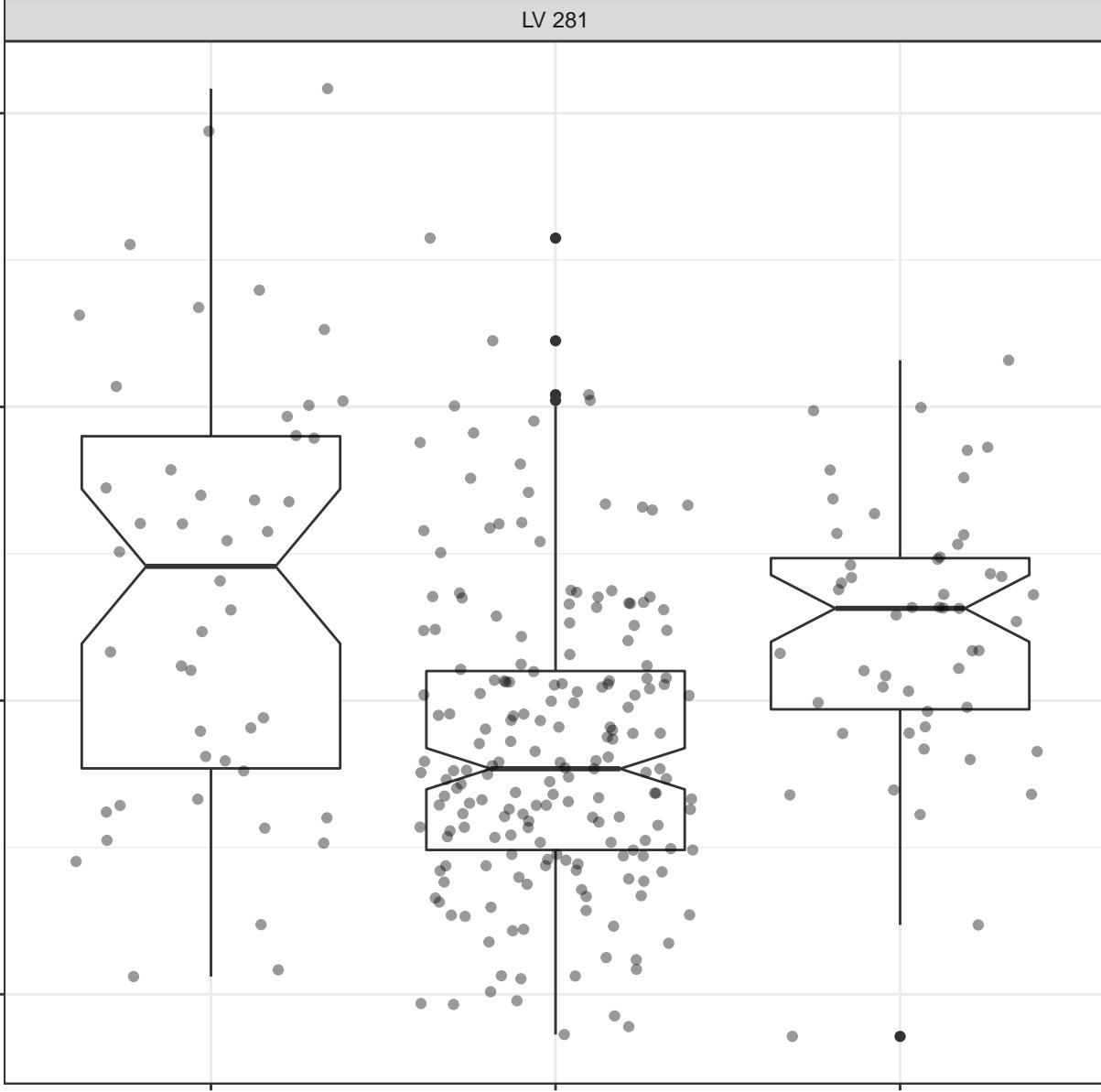
-0.05

Group 3

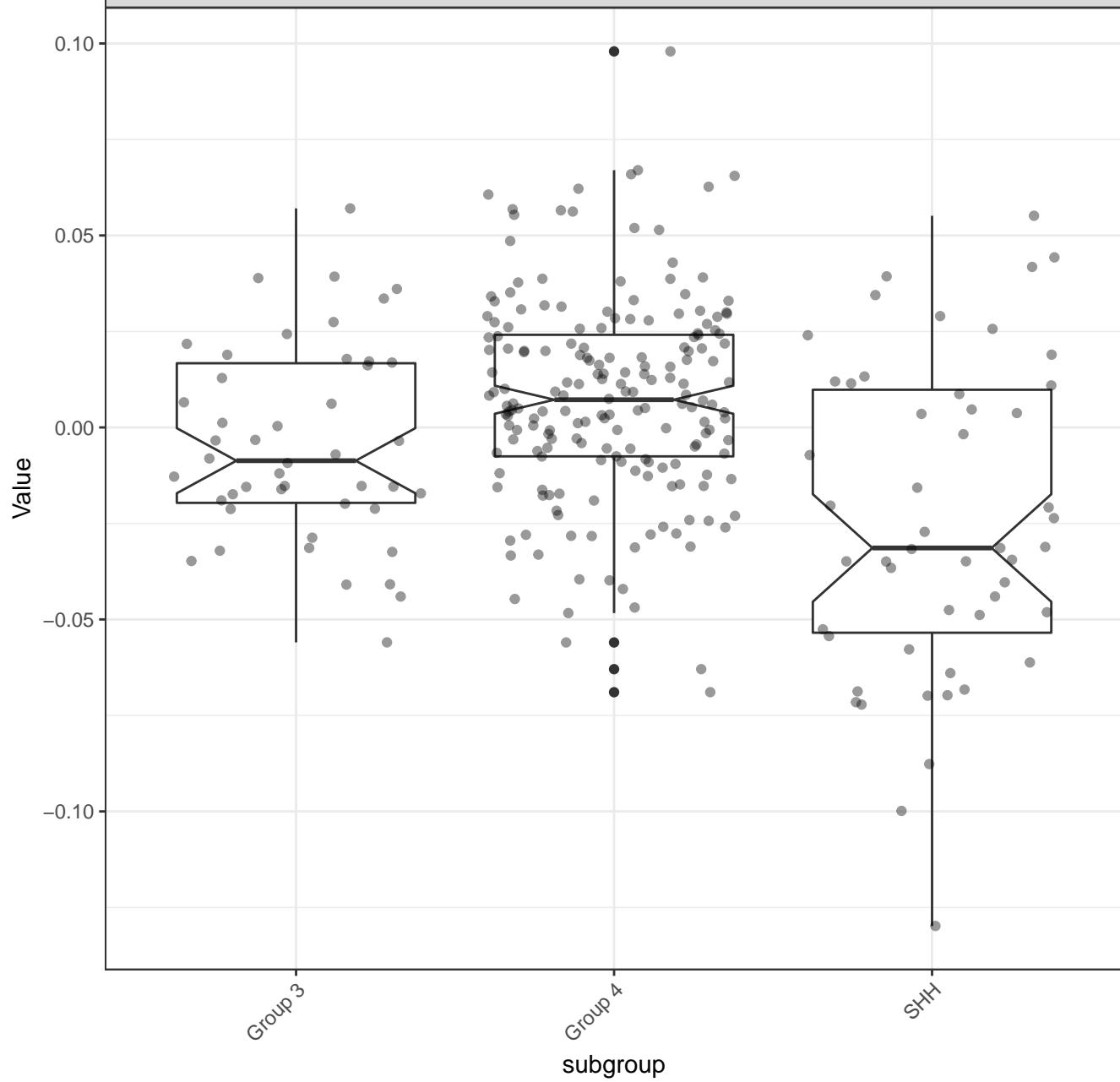
subgroup

Group 4

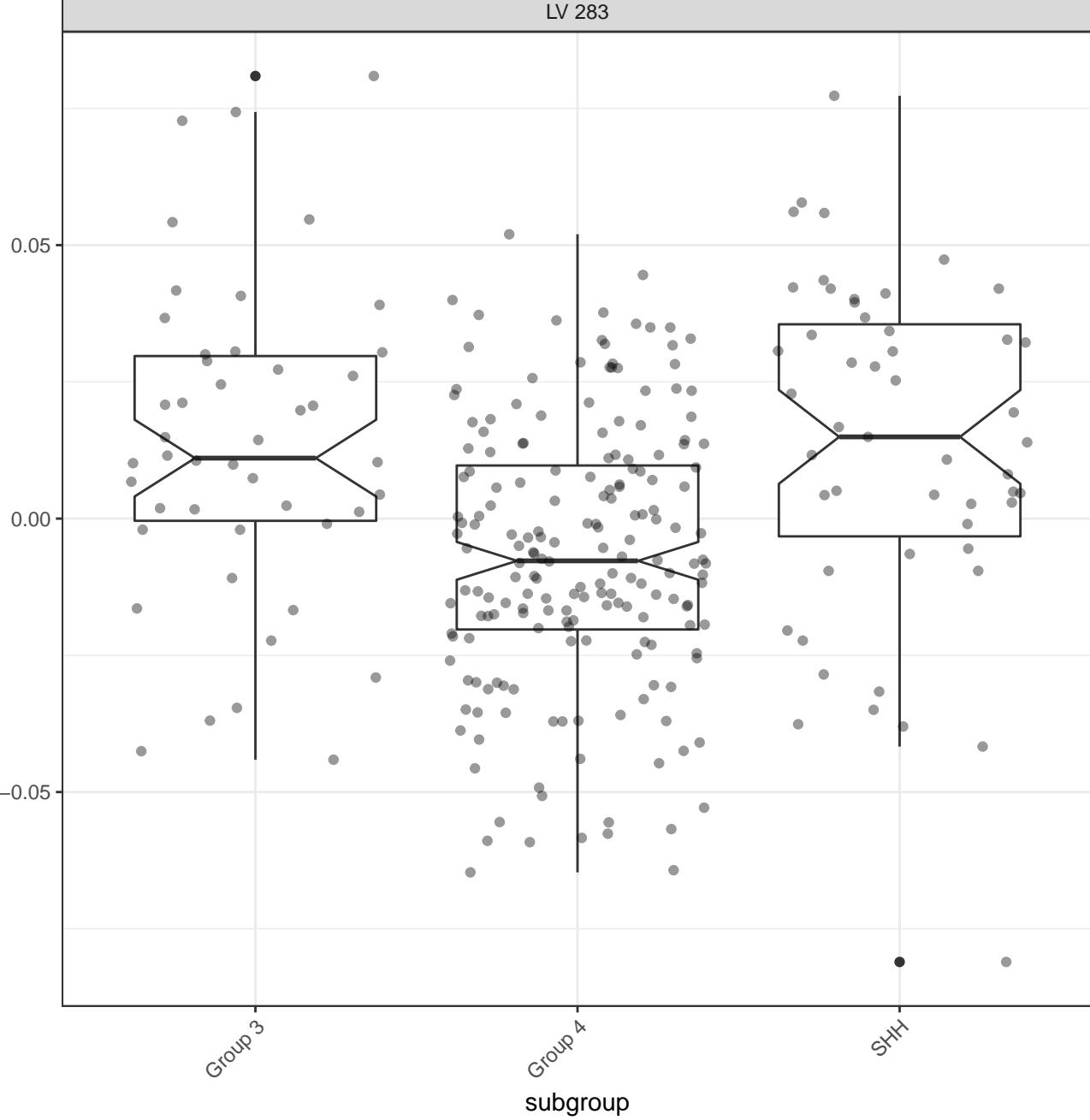
SHH



LV 282



Value



LV 284

Value

0.2

0.1

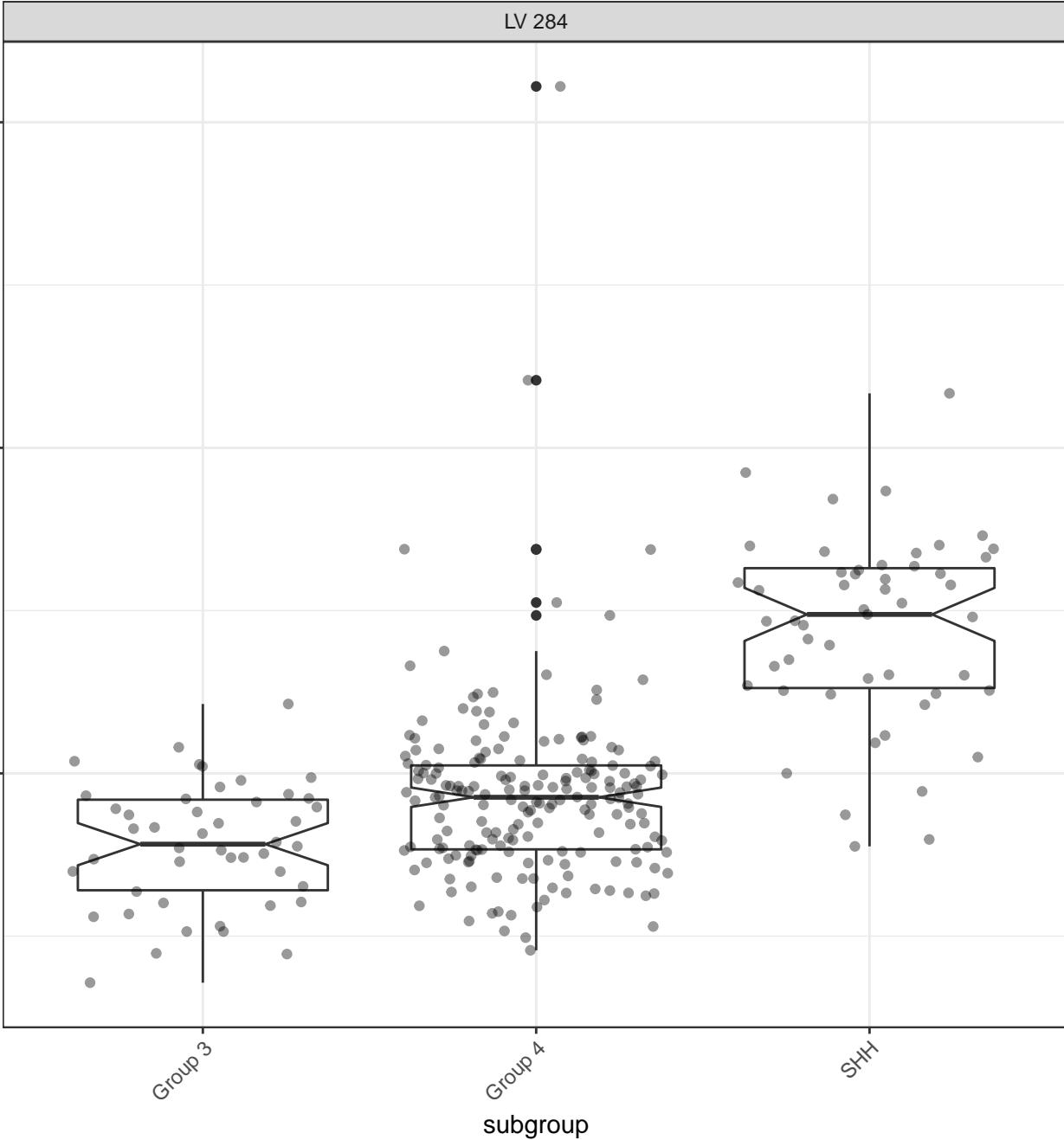
0.0

Group 3

Group 4

SHH

subgroup



285,REACTOME_E2F_MEDIATED_REGULATION_OF_DNA_REPLICATION

Value

0.10

0.05

0.00

-0.05

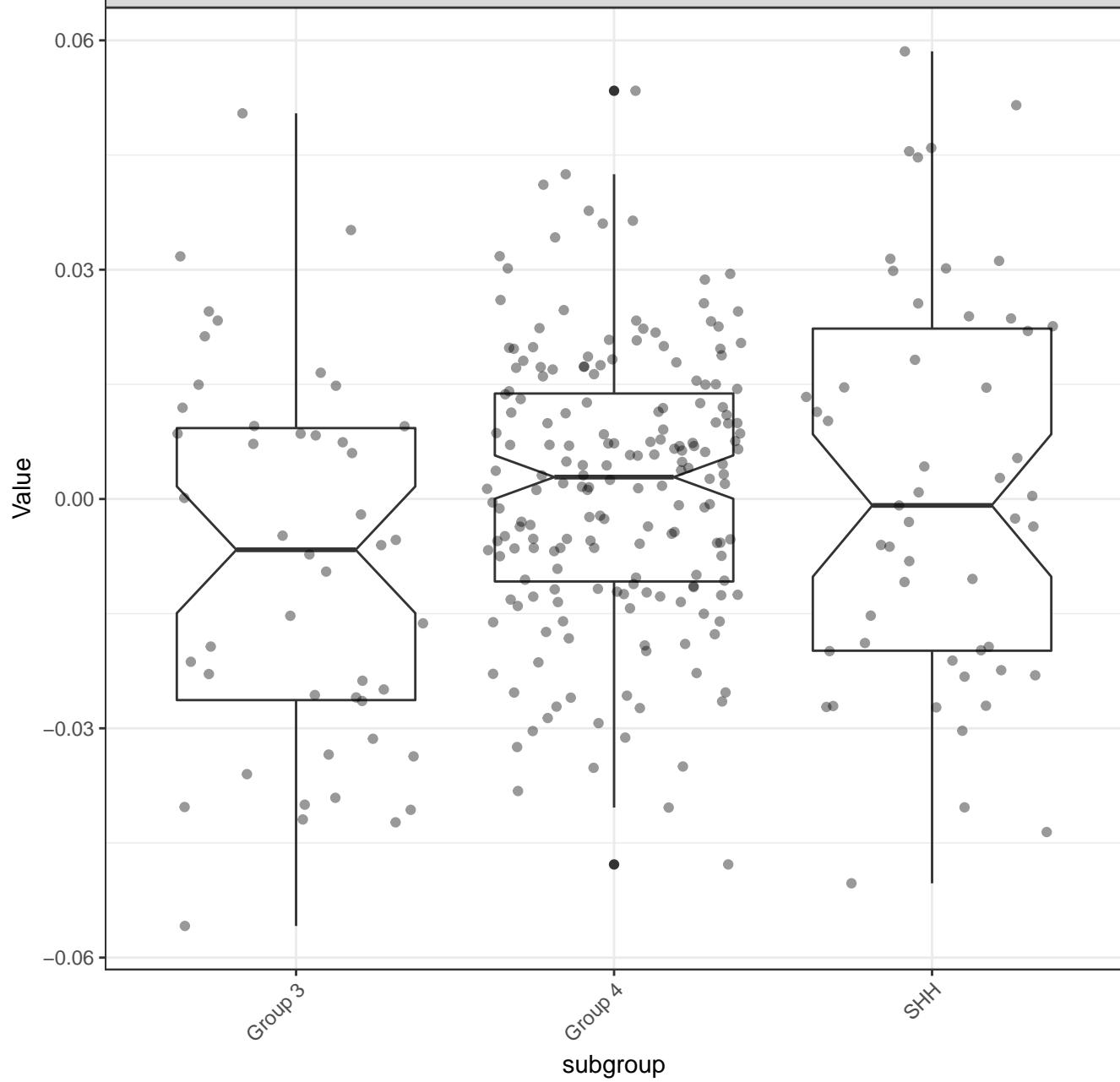
Group 3

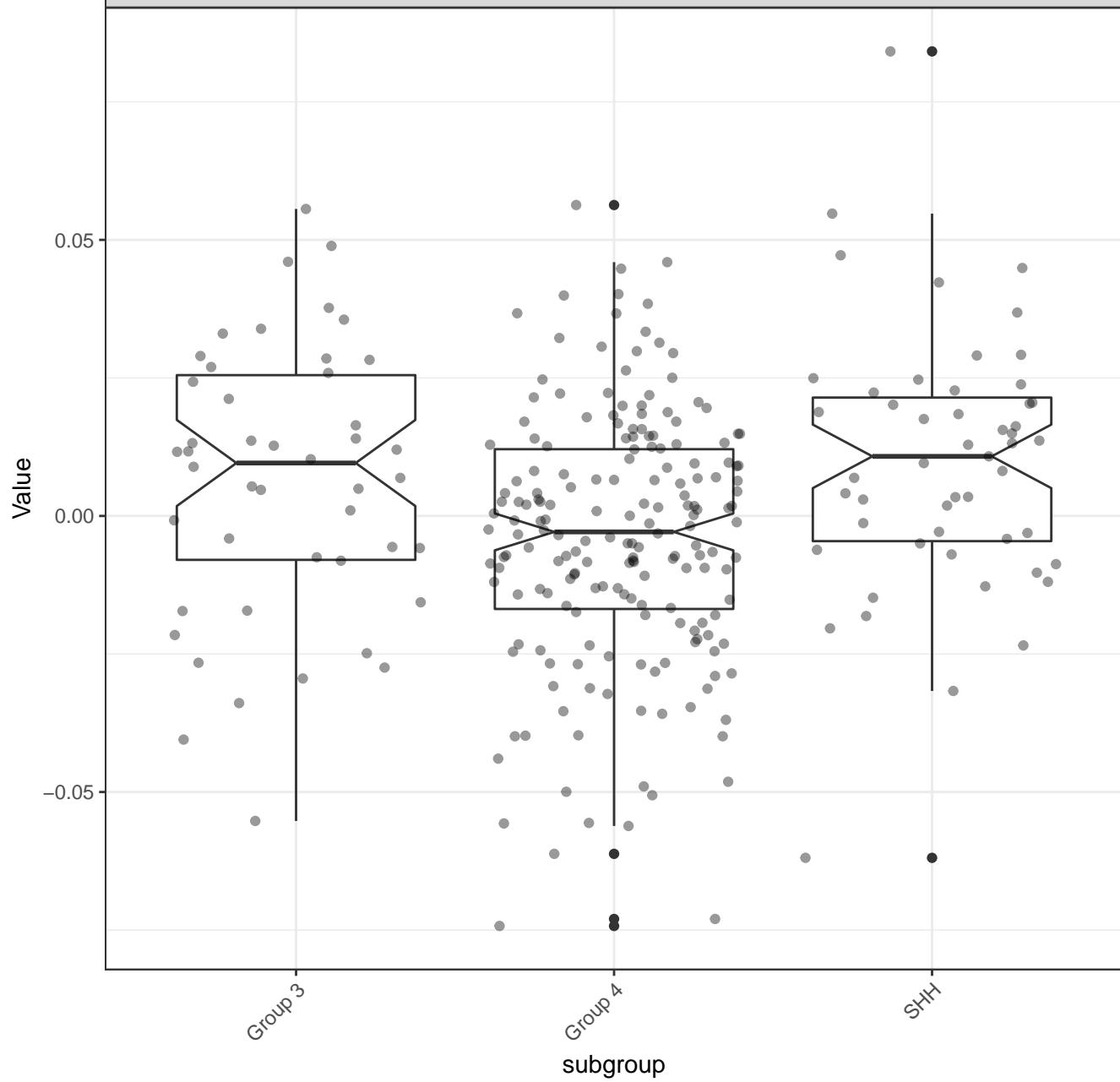
subgroup

SHH

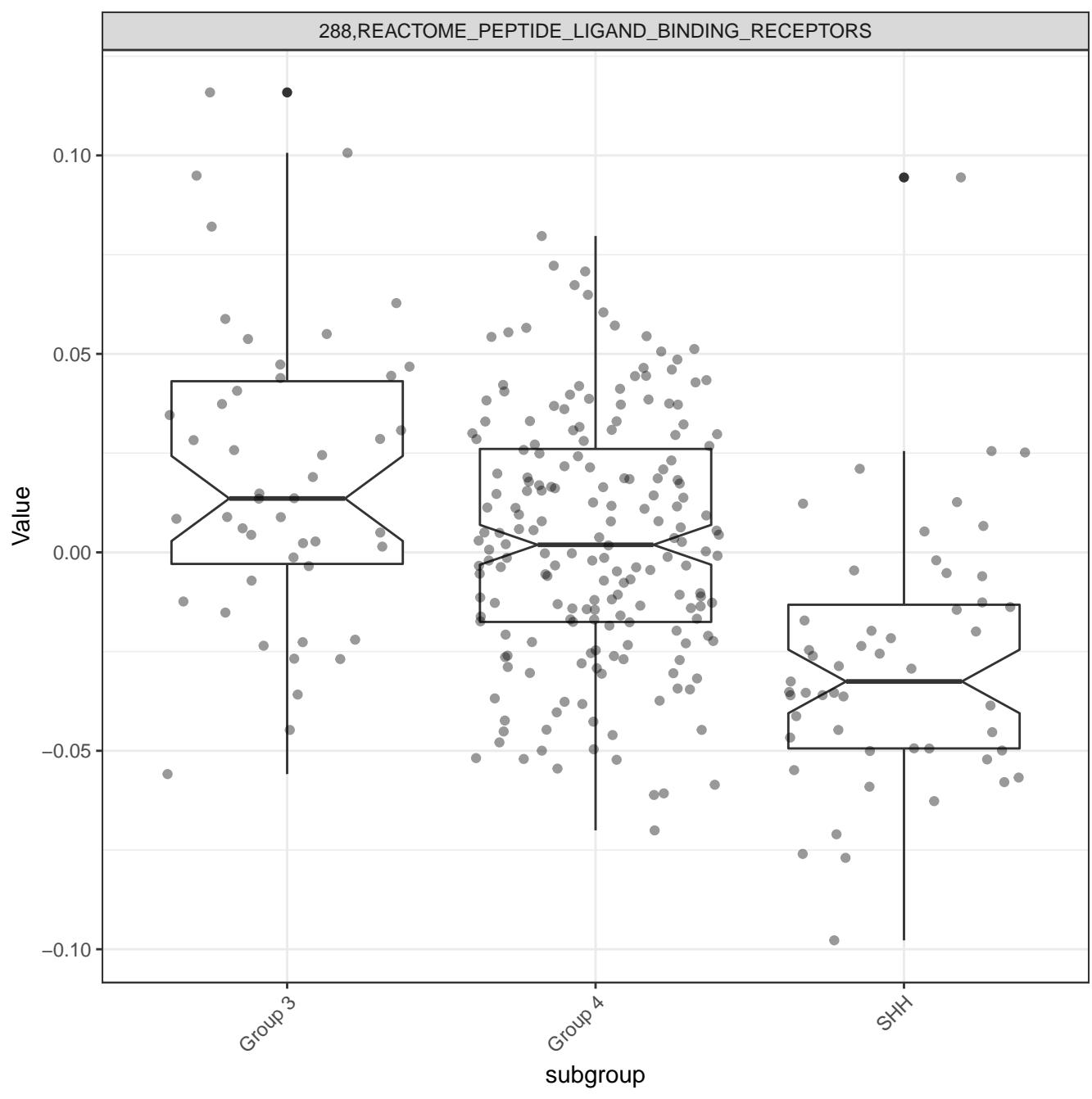


LV 286

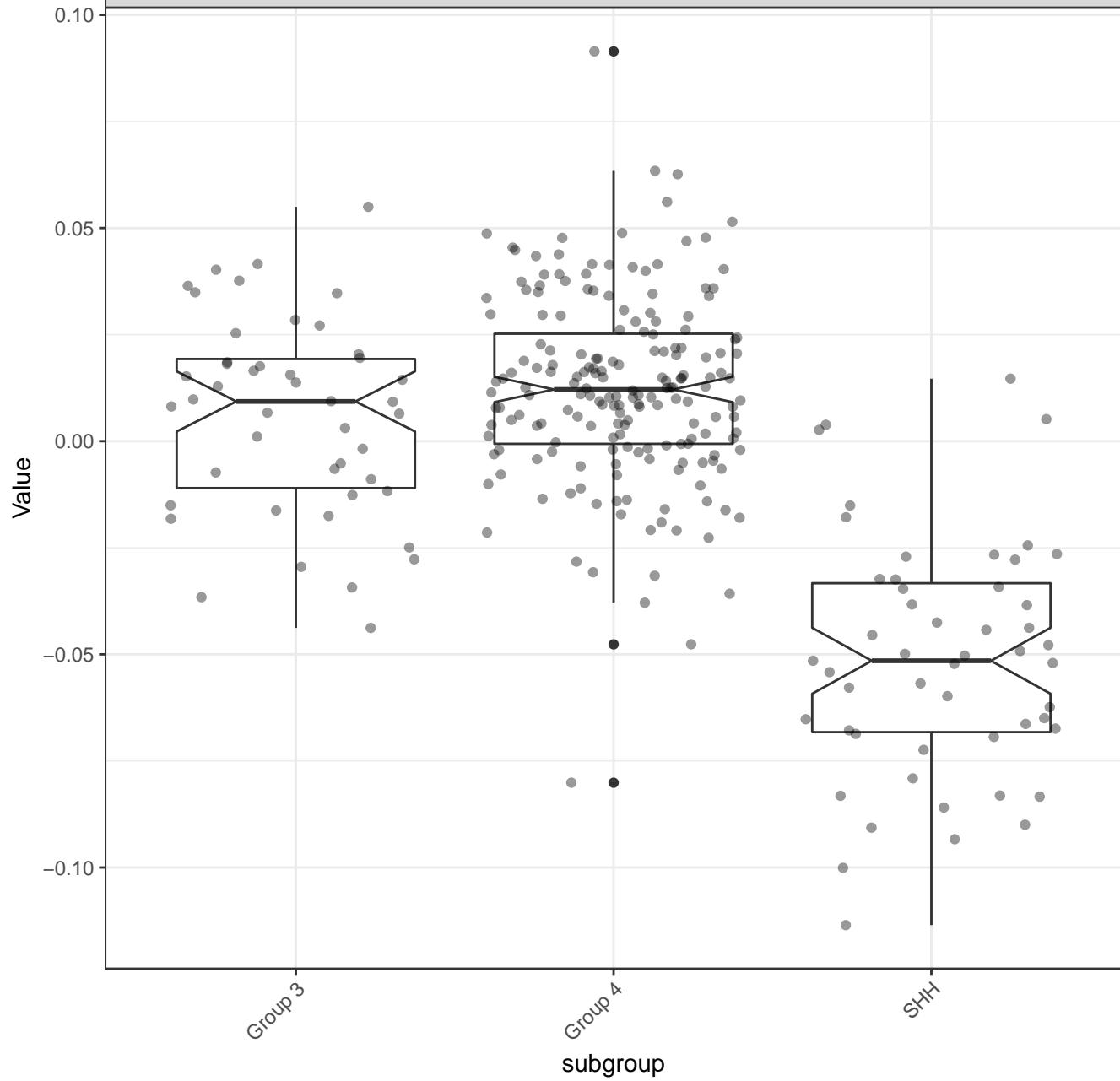




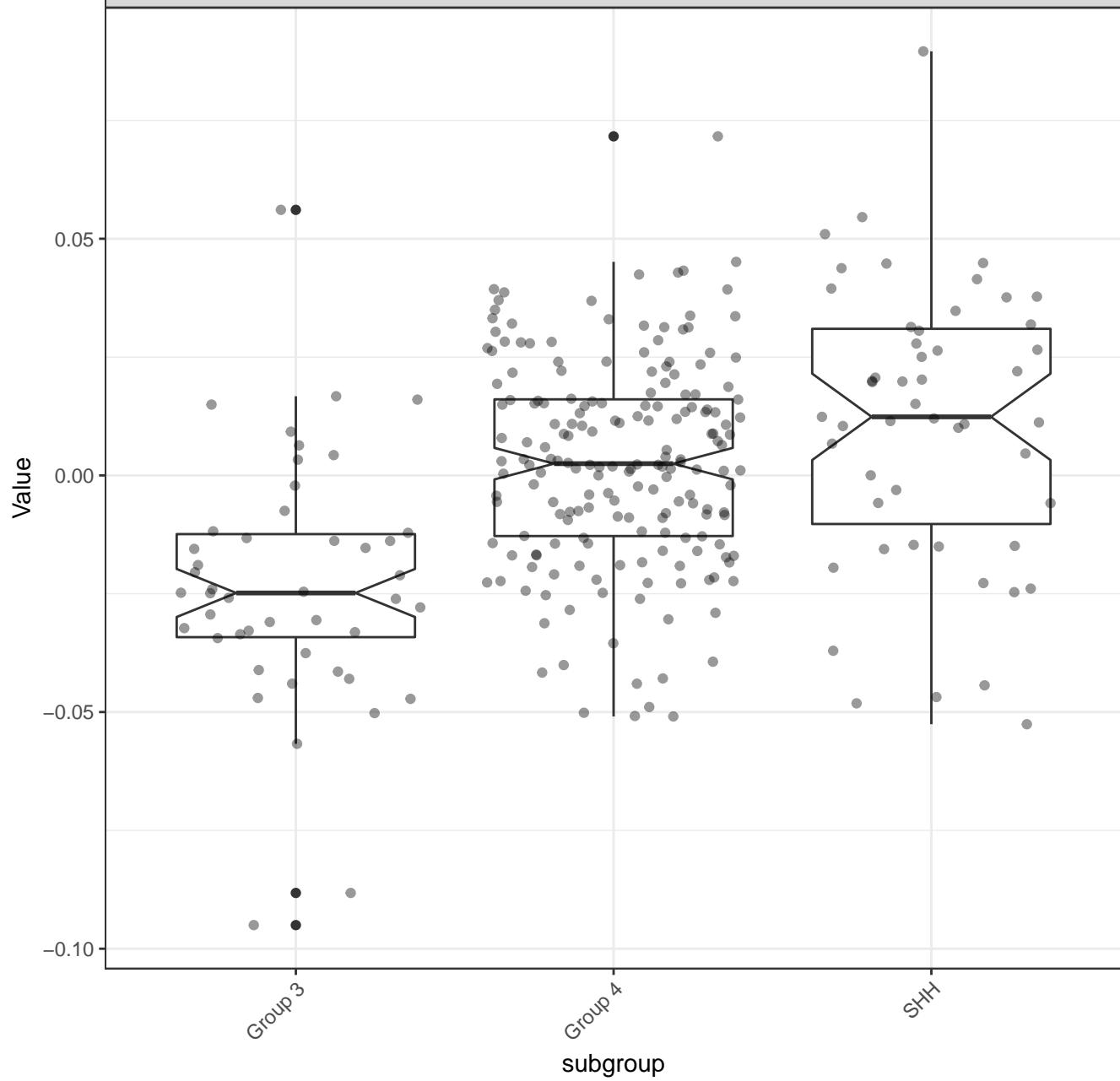
288,REACTOME_PEPTIDE_LIGAND_BINDING_RECEPTEORS



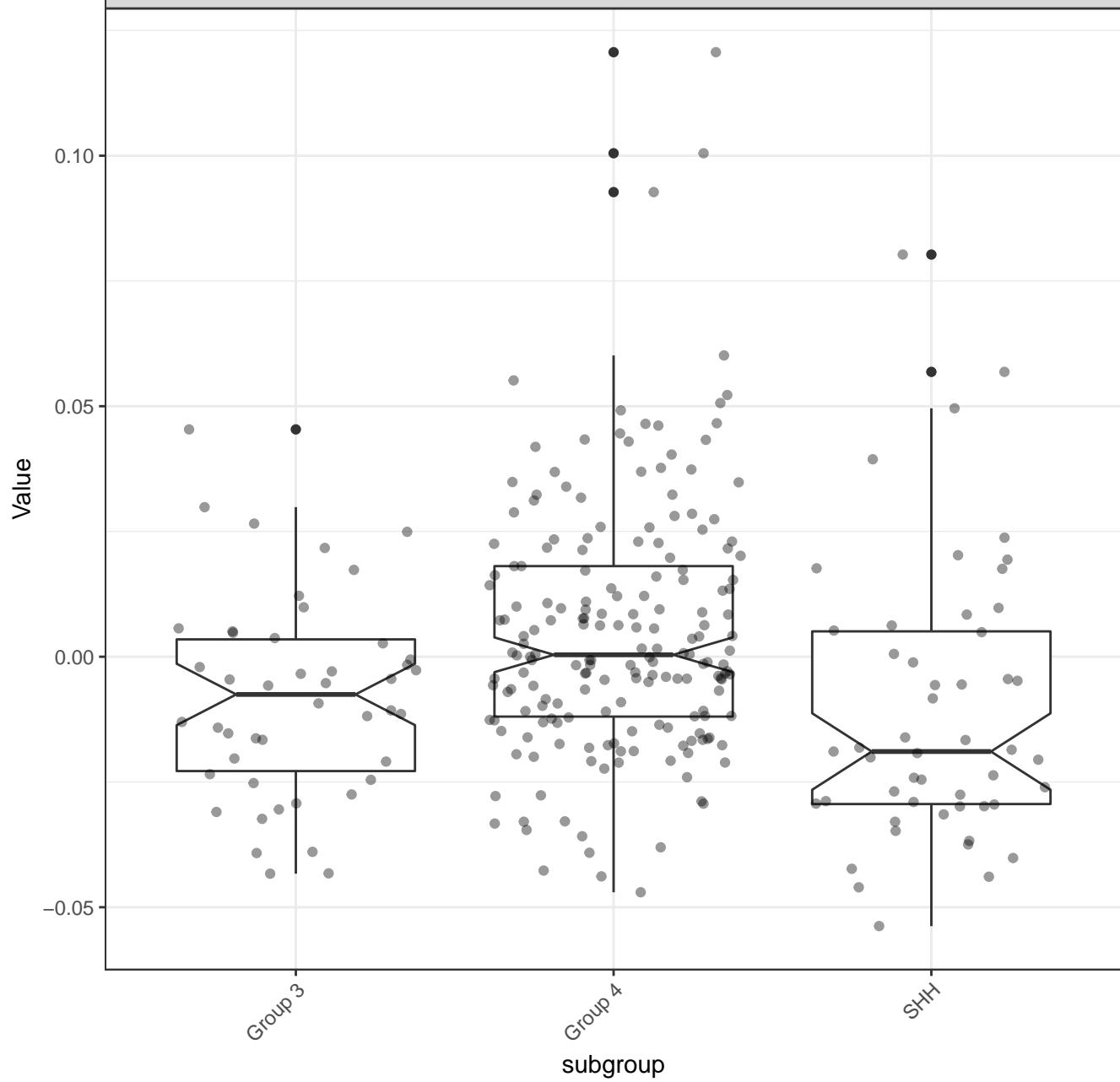
LV 289



LV 290



LV 291



LV 292

Value

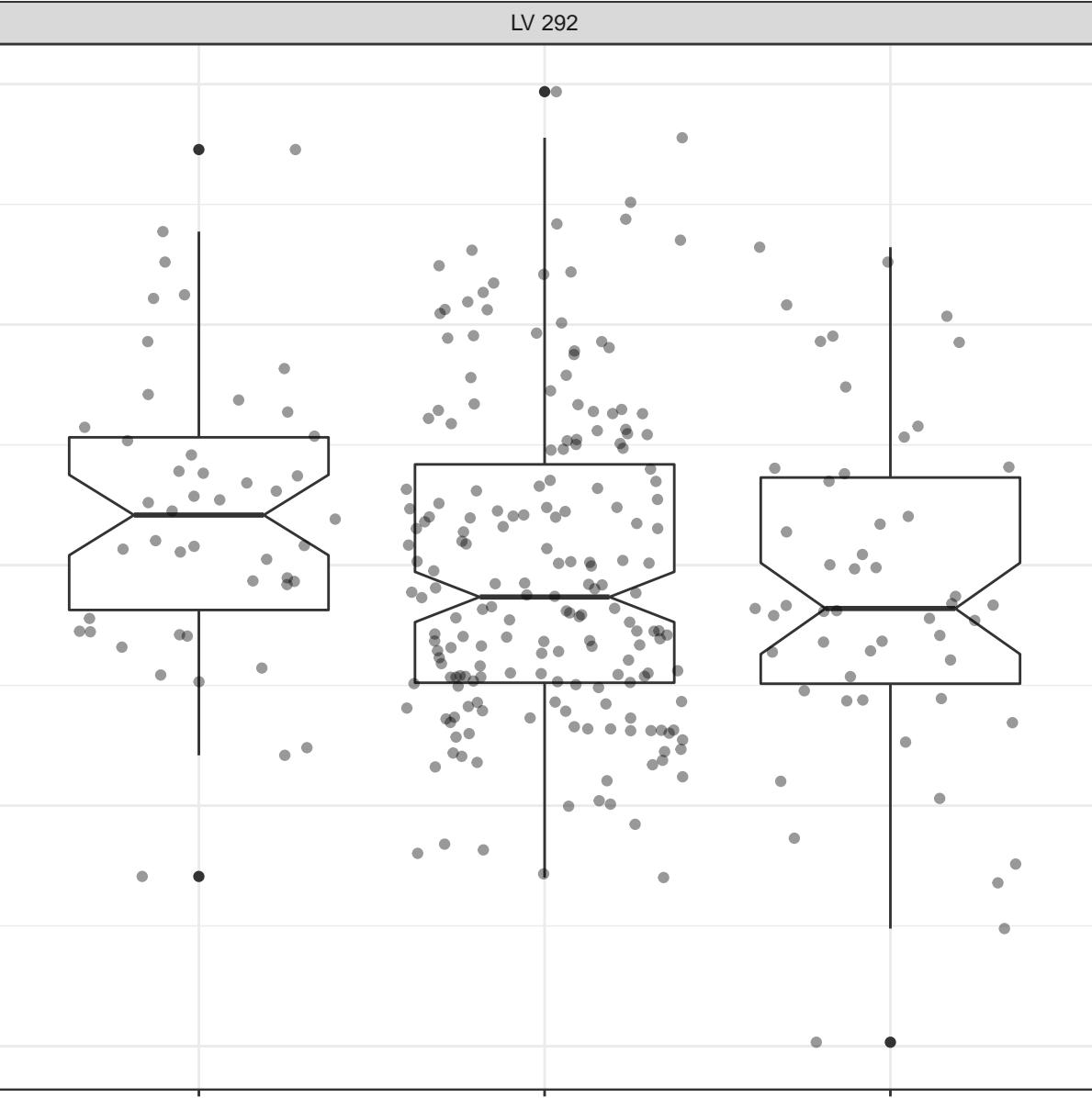
0.10
0.05
0.00
-0.05
-0.10

Group 3

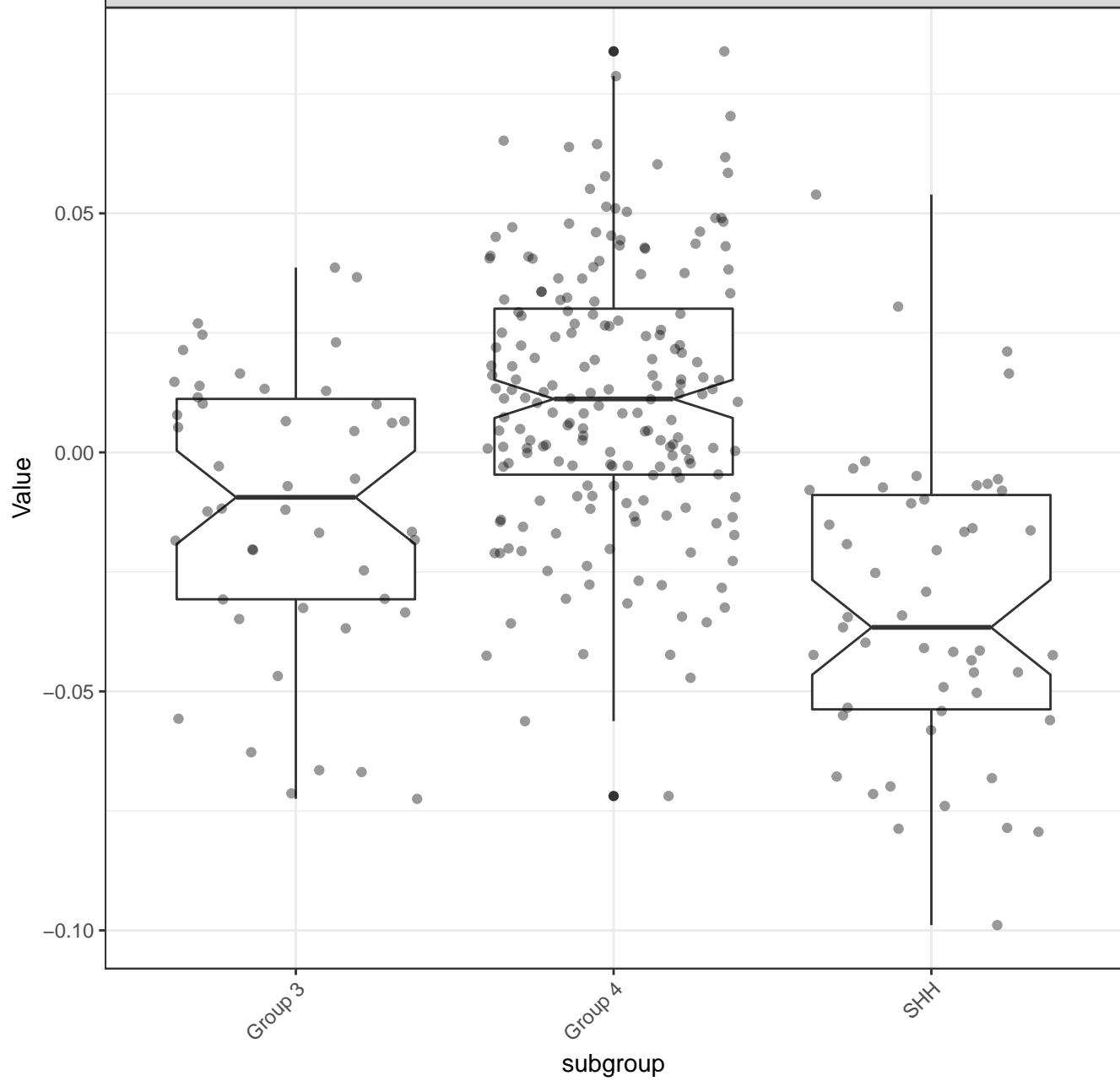
Group 4

SHH

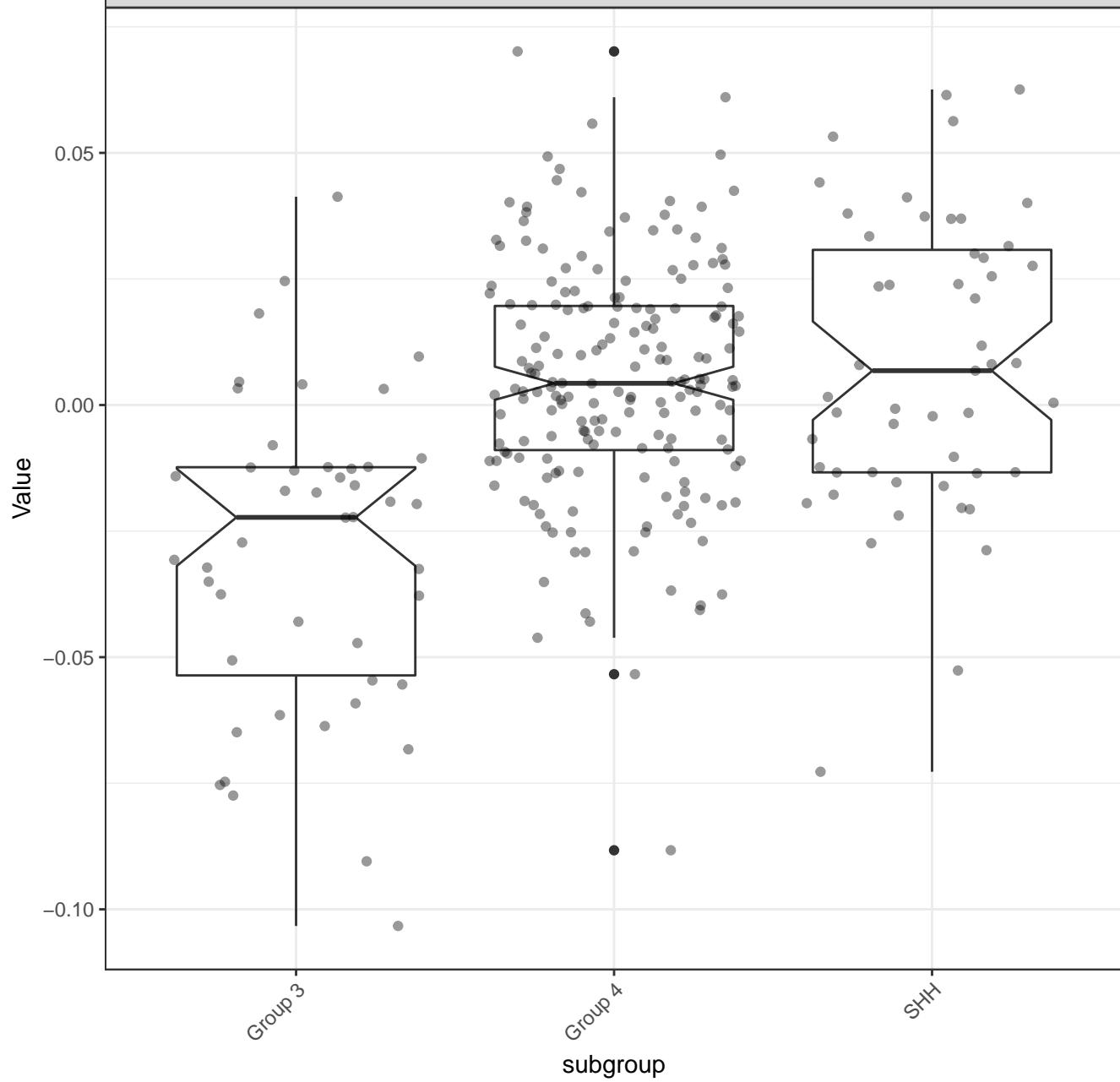
subgroup



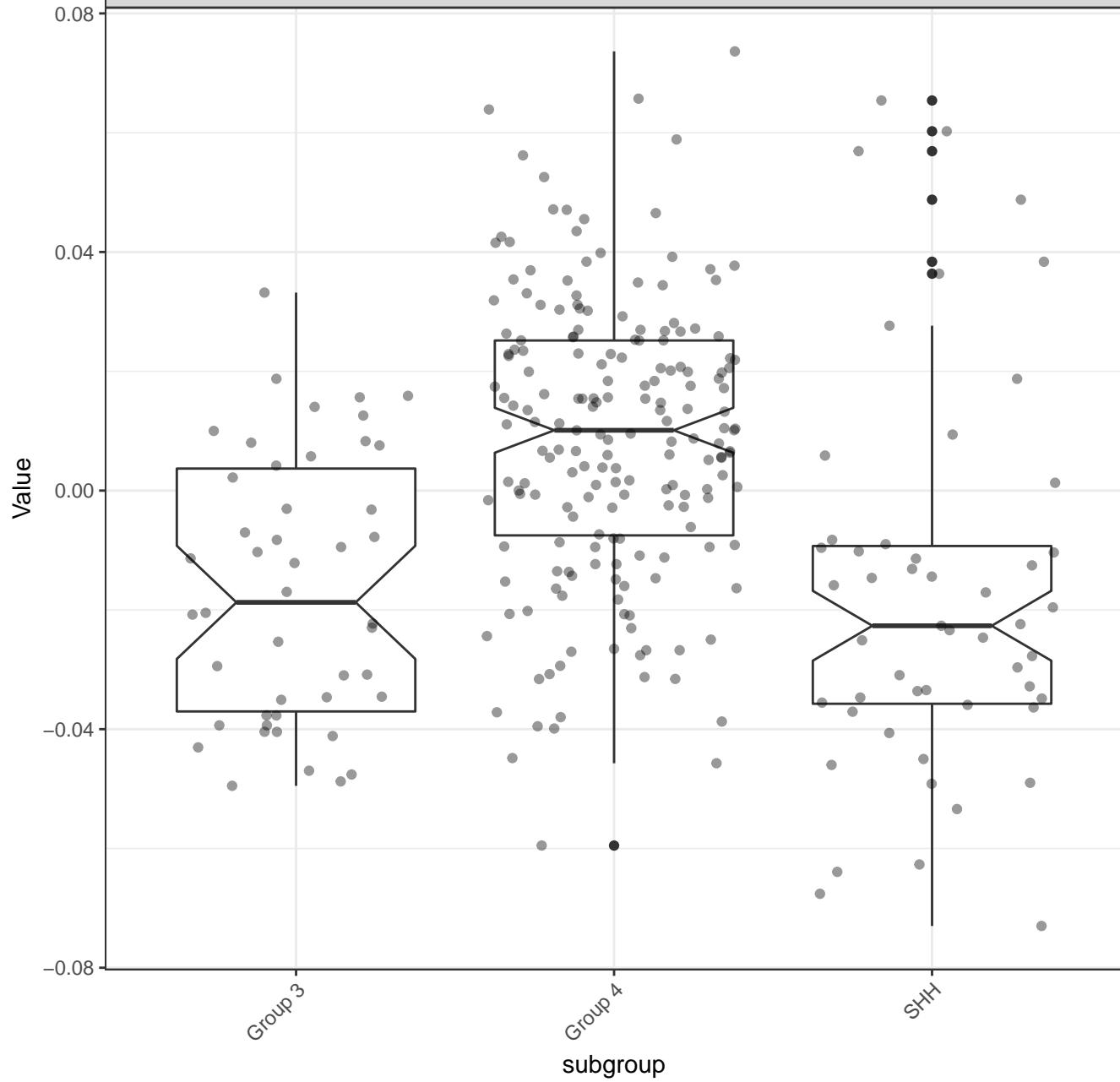
LV 293



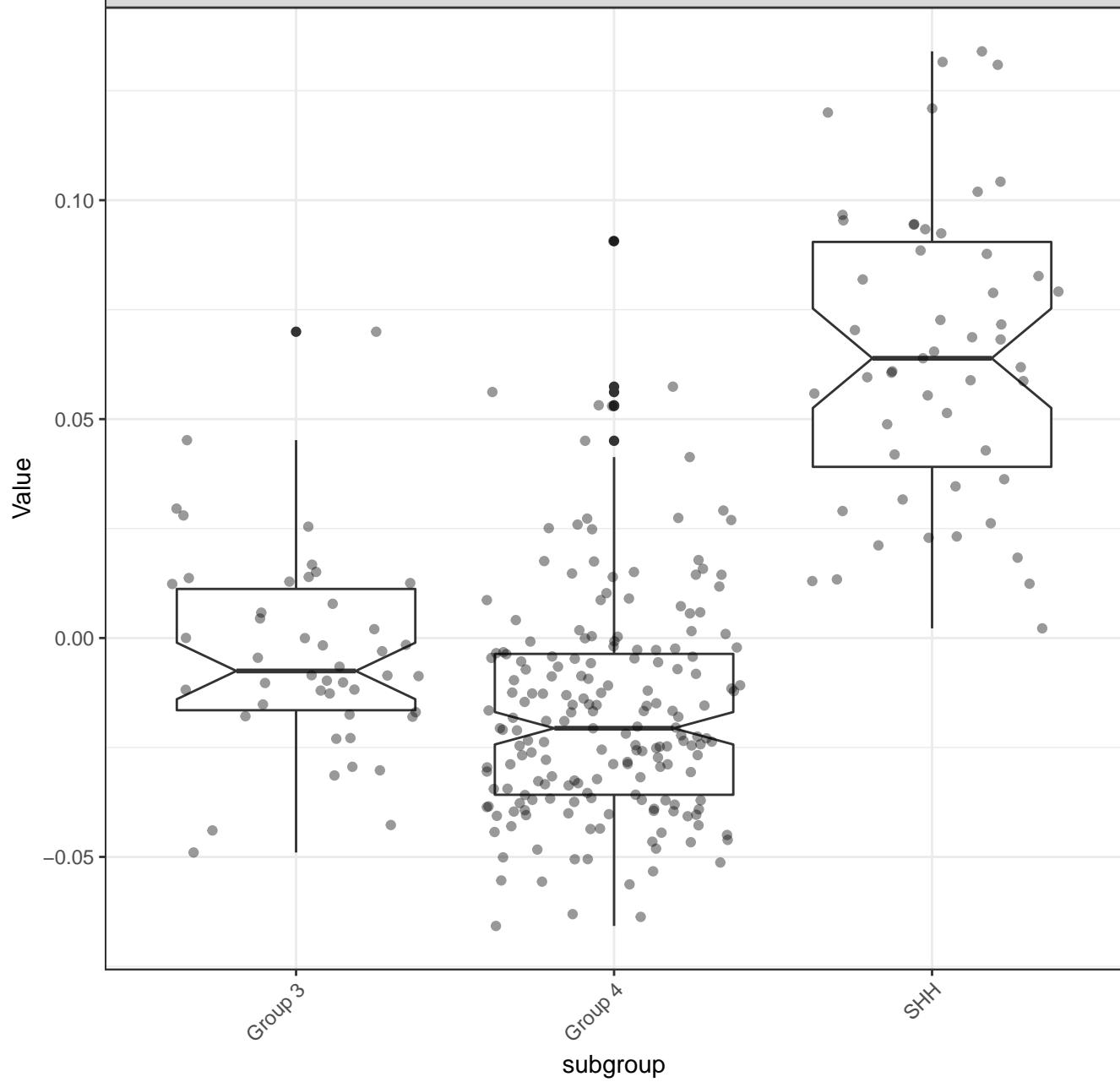
LV 294



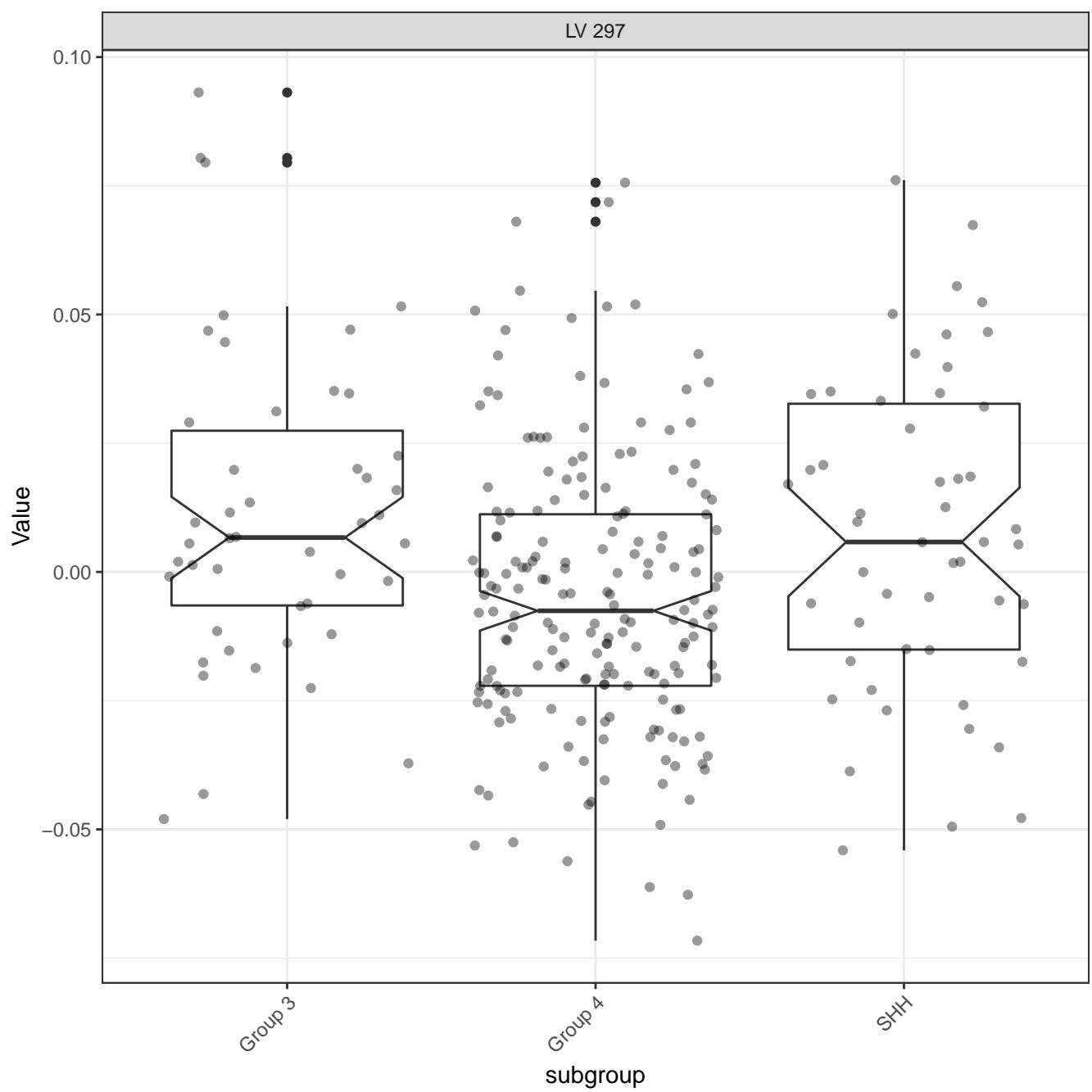
LV 295



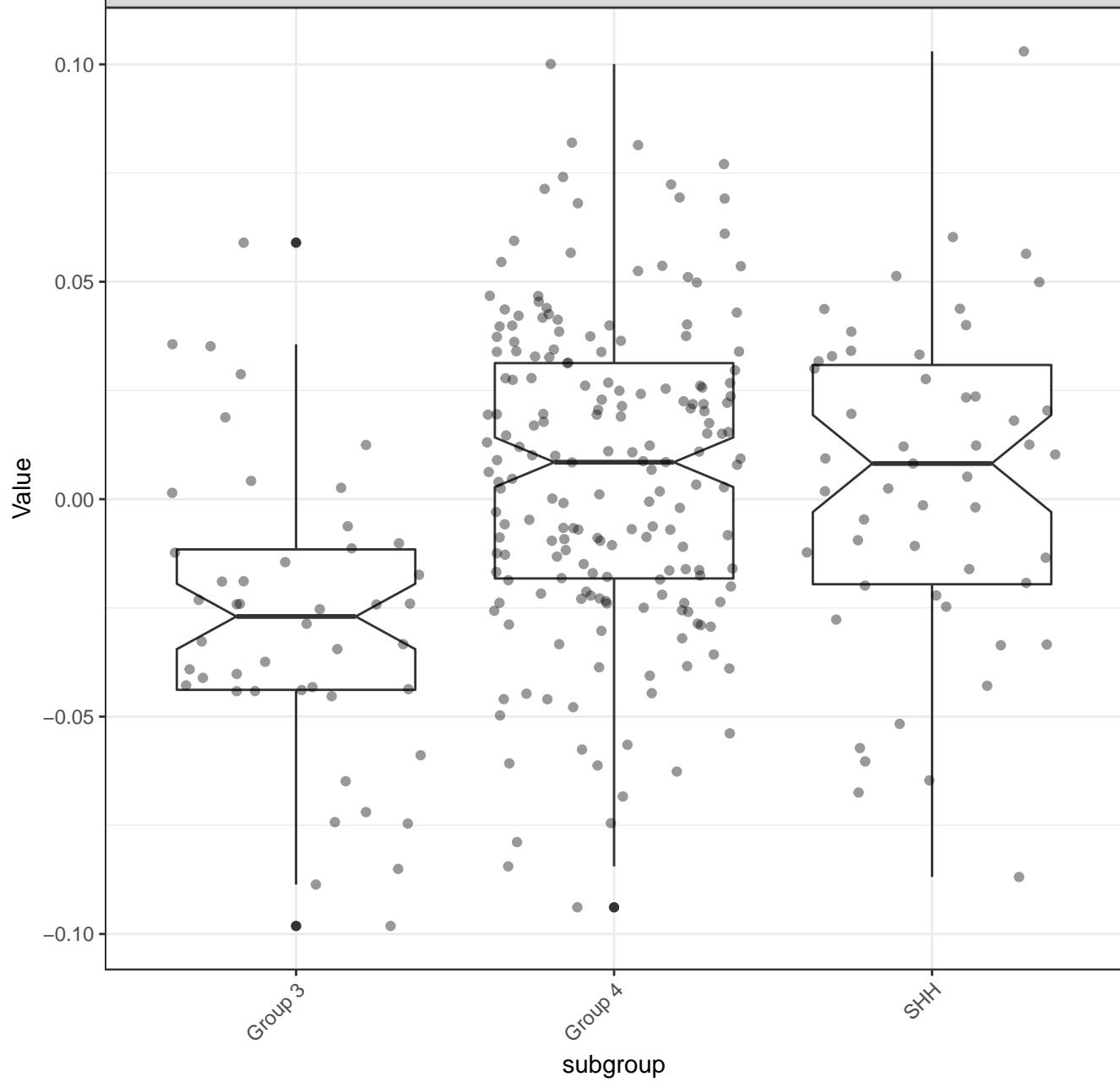
296,REACTOME_TELOMERE_MAINTENANCE



LV 297



LV 298



LV 299

Value

0.1

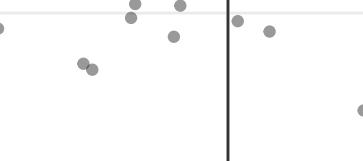
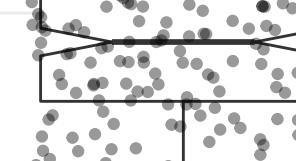
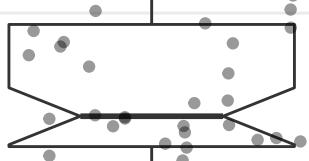
0.0

-0.1

Group³Group⁴

SHH

subgroup



300,REACTOME_REGULATION_OF_APOPTOSIS

Value

0.05

0.00

-0.05

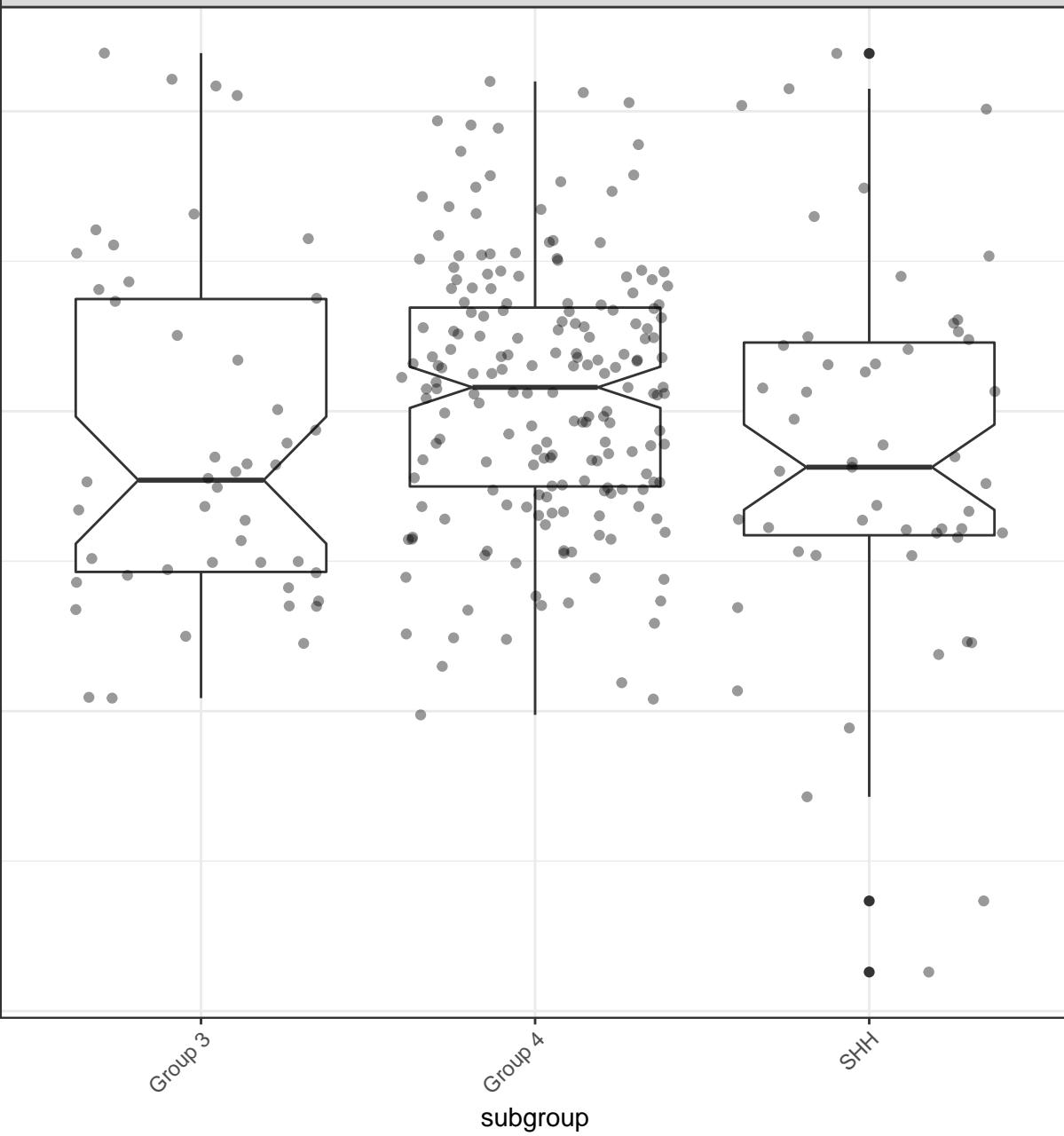
-0.10

Group 3

Group 4

SHH

subgroup



LV 301

Value

0.10

0.05

0.00

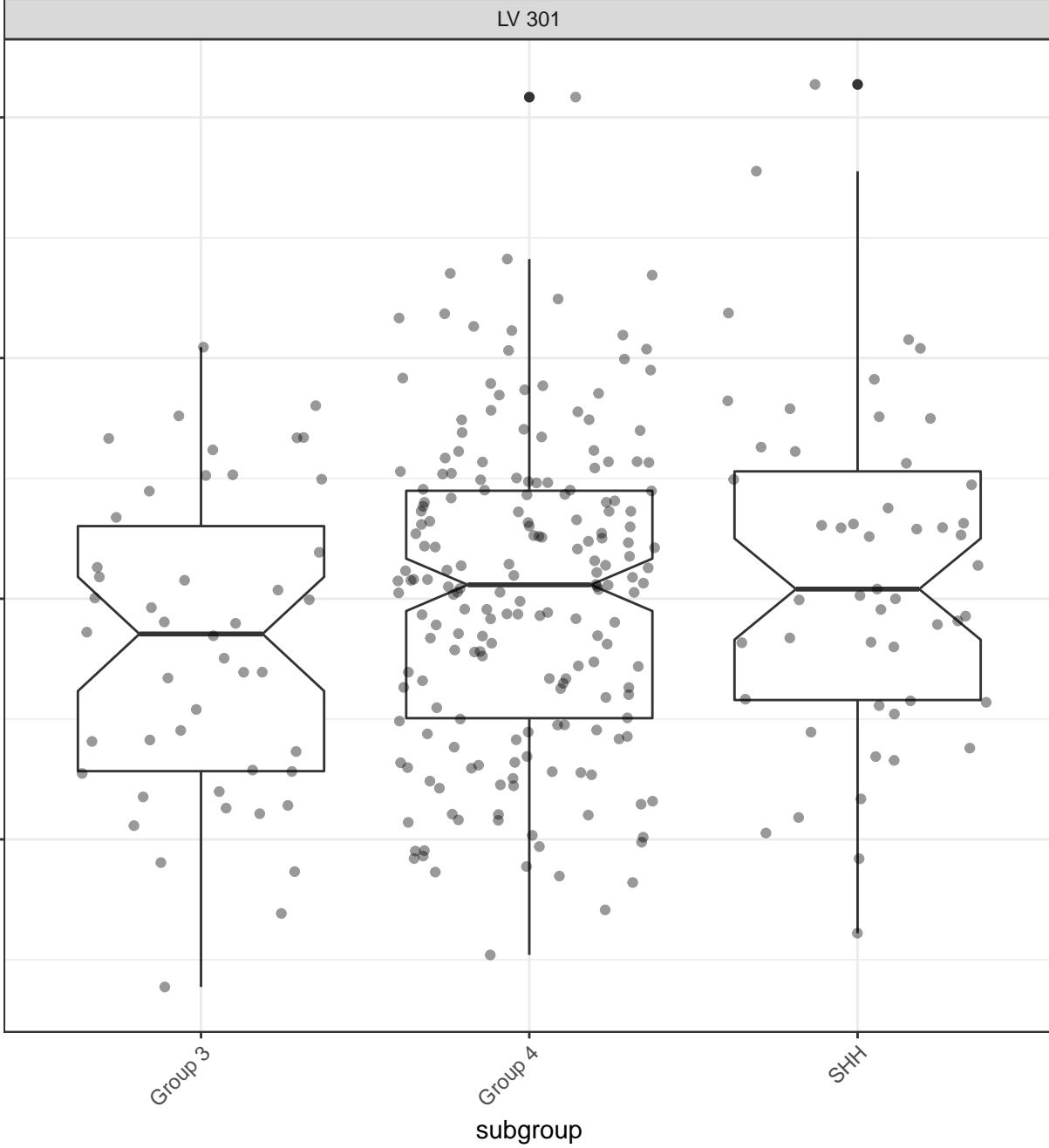
-0.05

Group 3

Group 4

SHH

subgroup



Value

0.04

0.00

-0.04

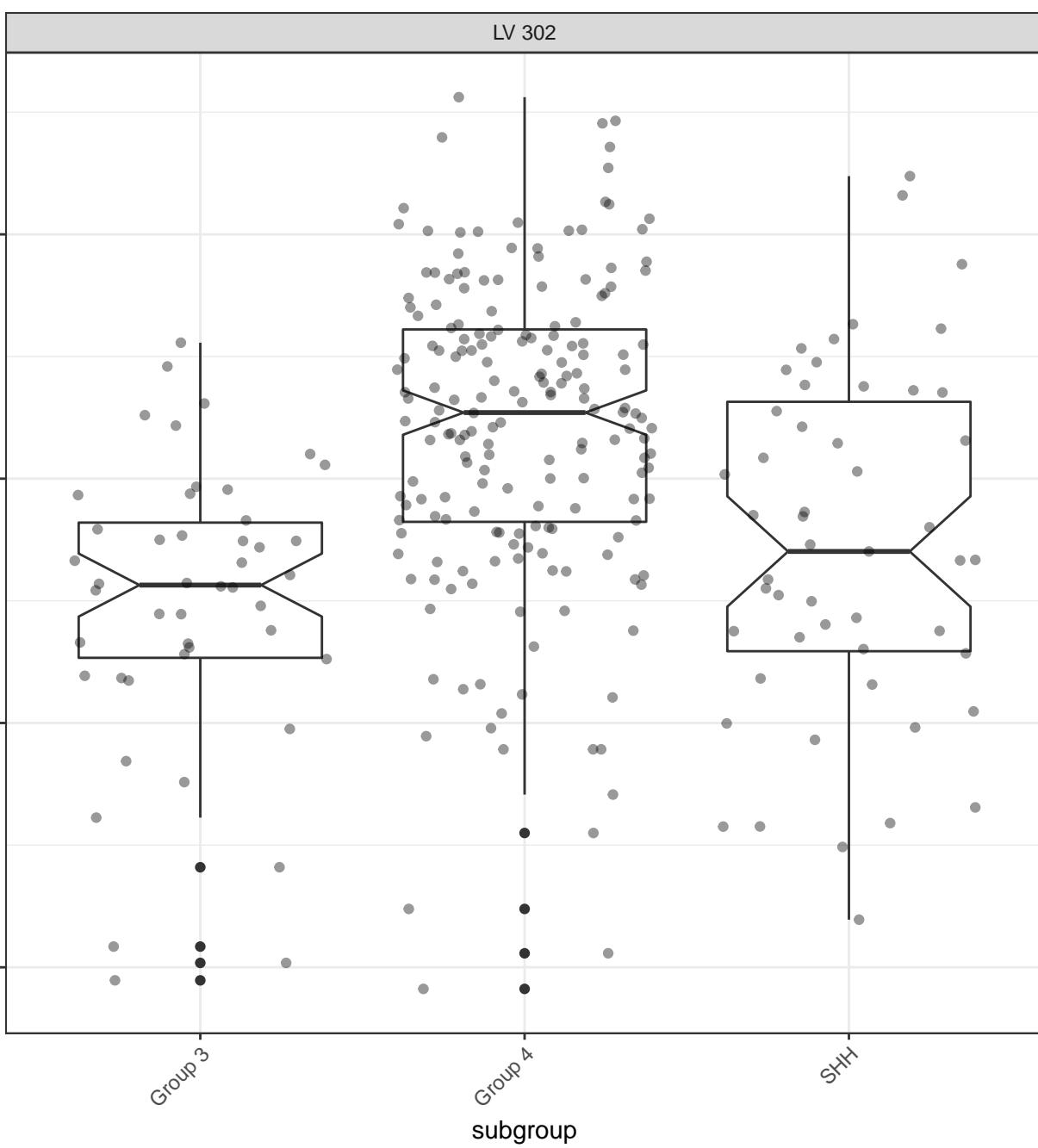
-0.08

Group 3

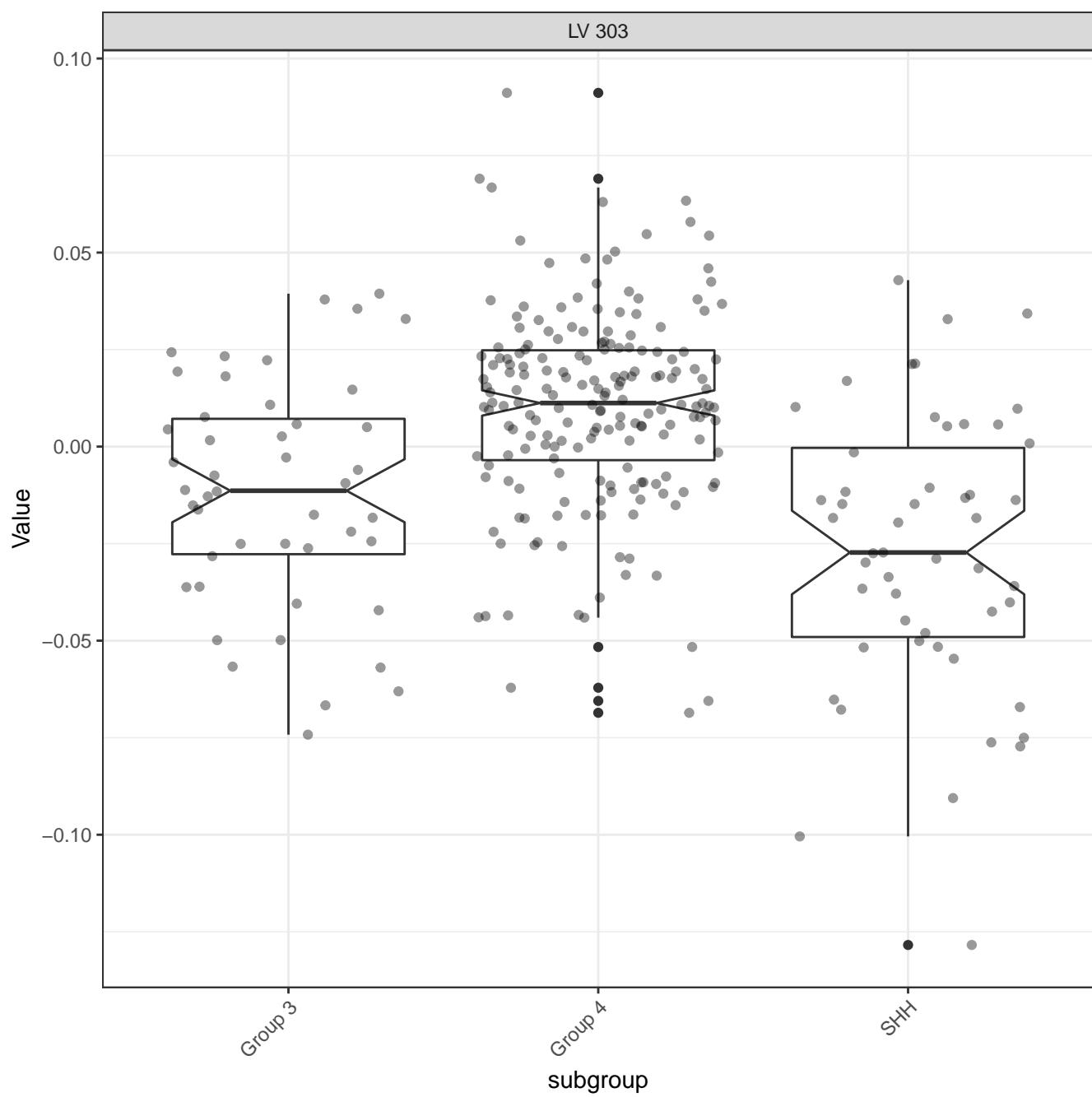
subgroup

Group 4

SHH



LV 303



LV 304

Value

0.05

0.00

-0.05

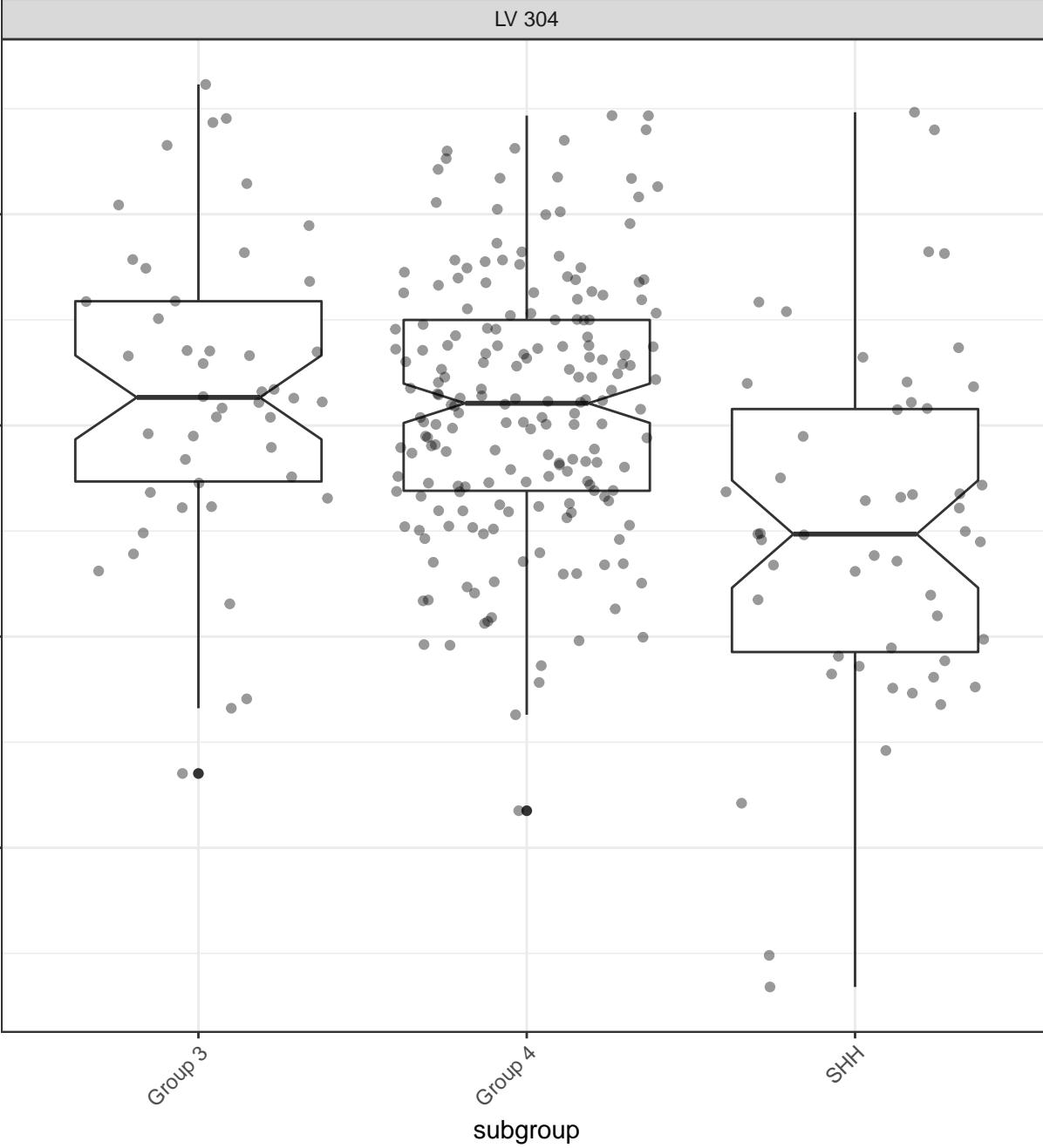
-0.10

Group 3

Group 4

SHH

subgroup



LV 305

Value

0.05

0.00

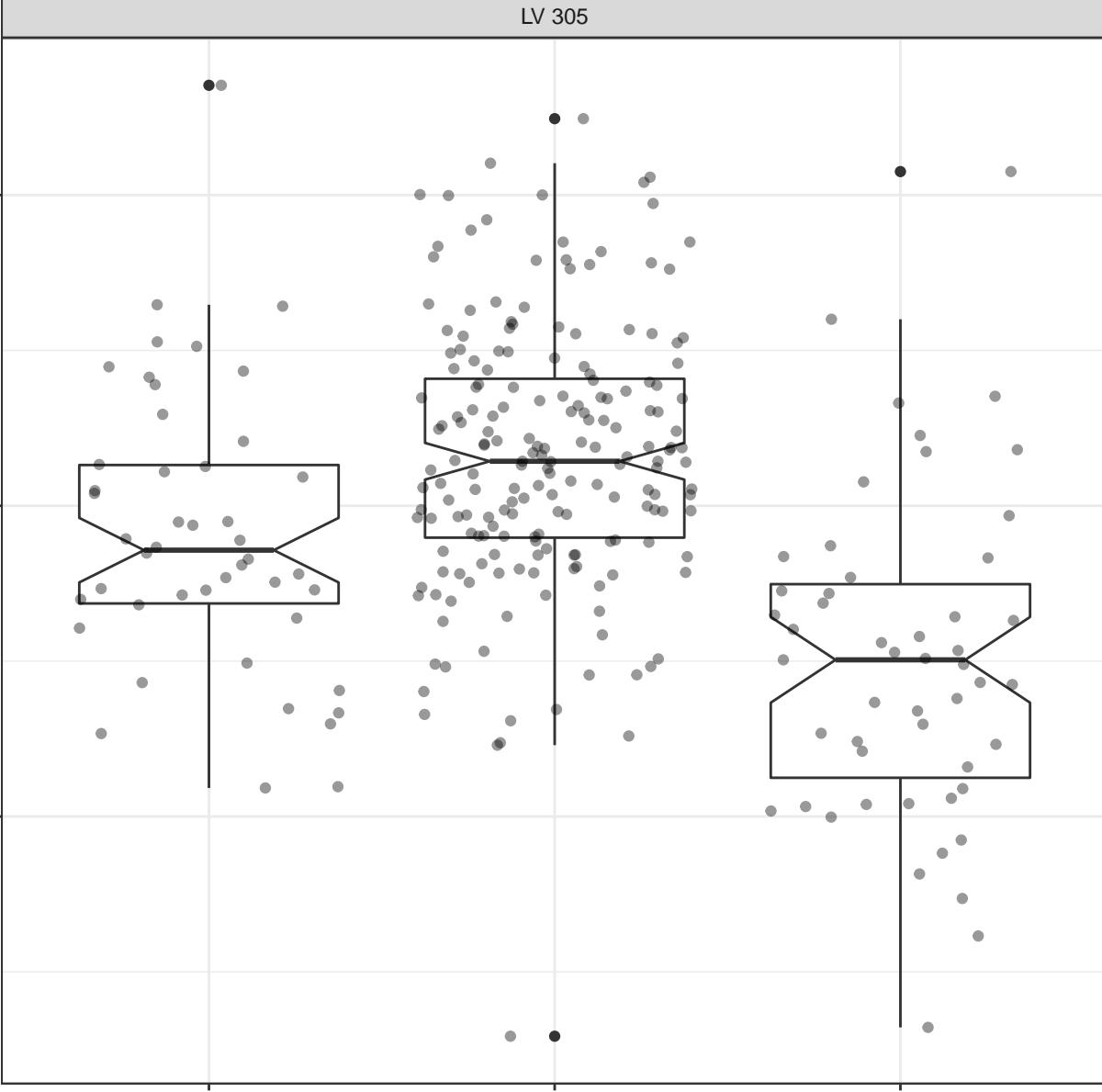
-0.05

Group 3

Group 4

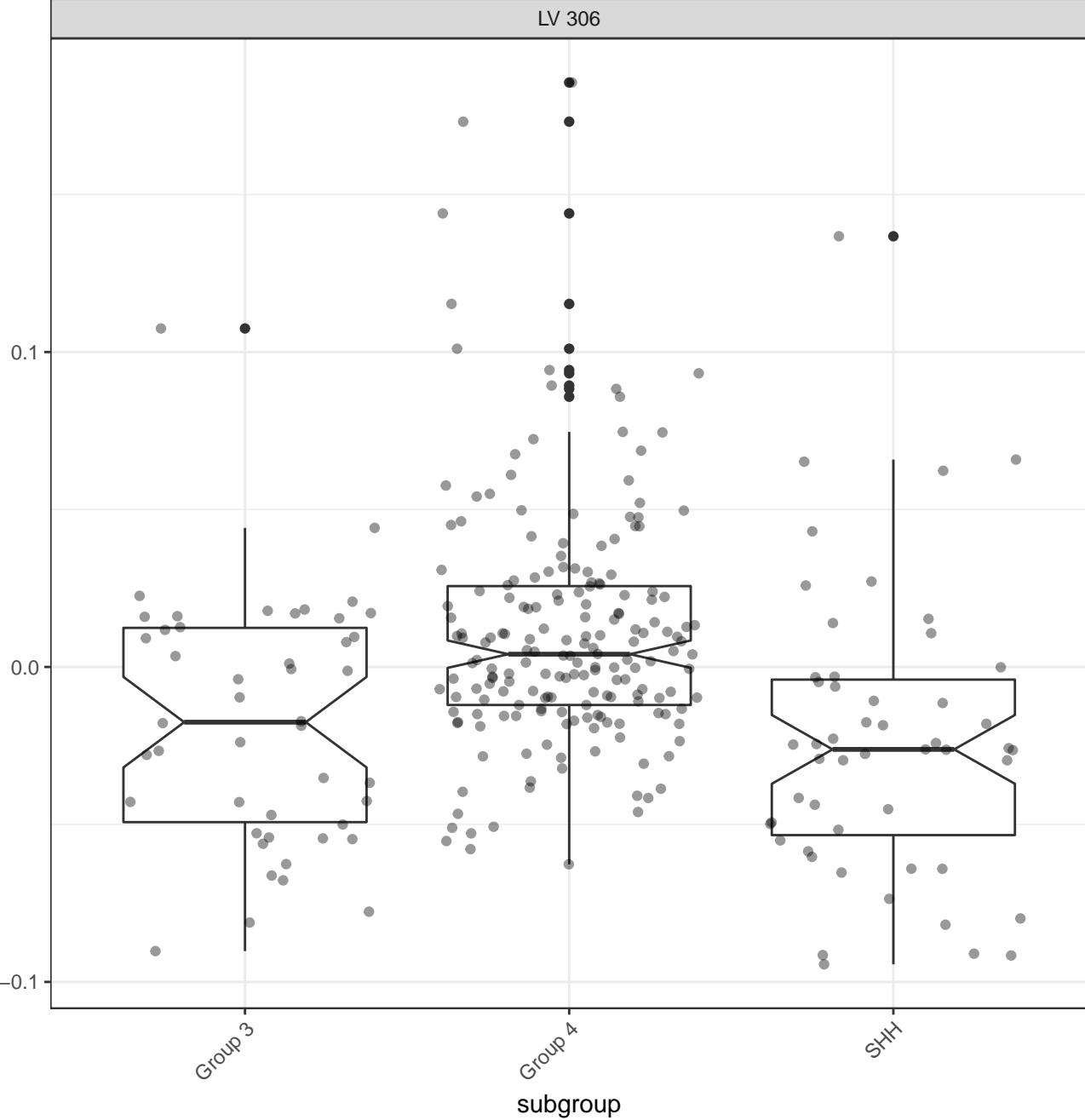
SHH

subgroup

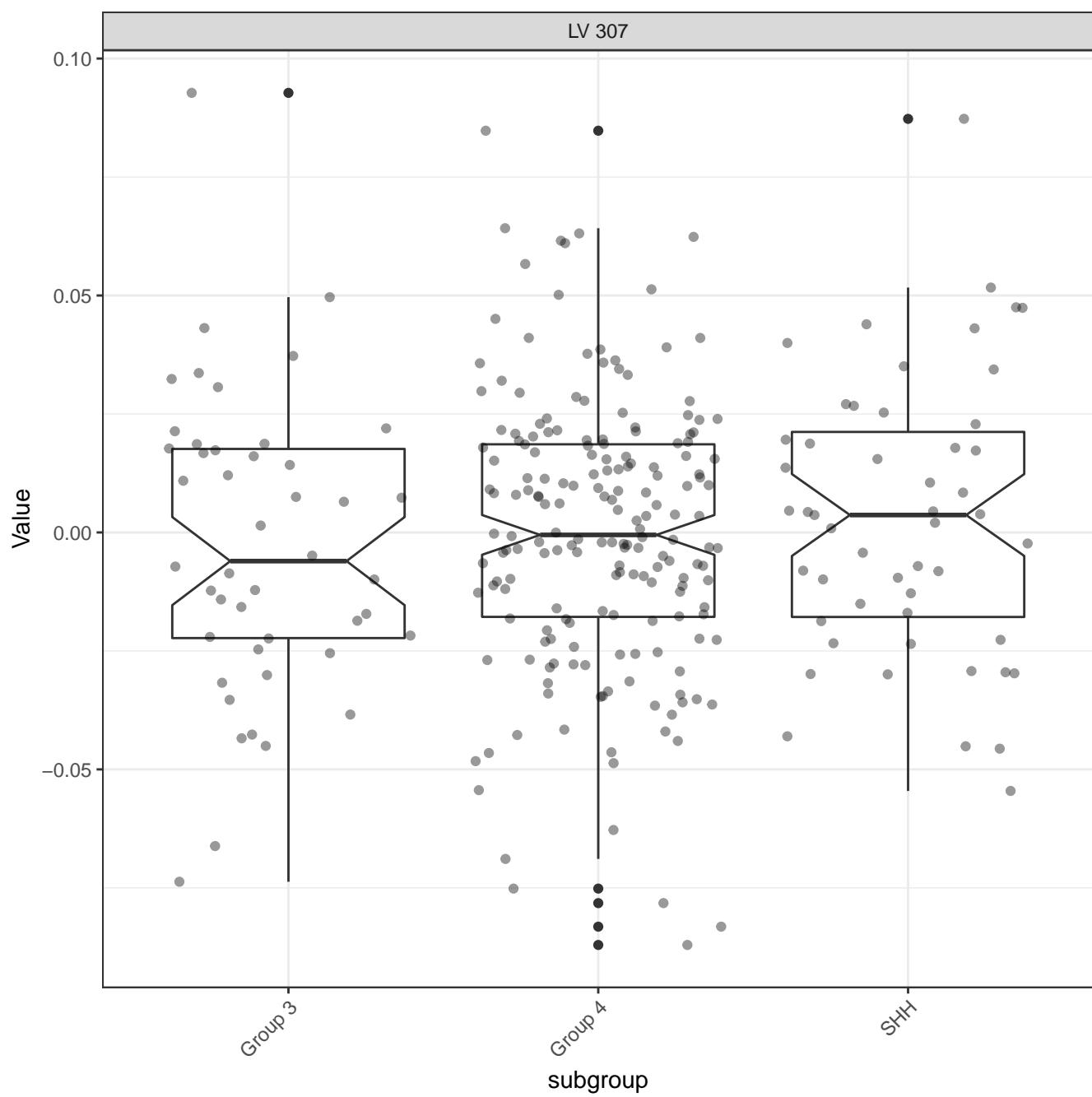


LV 306

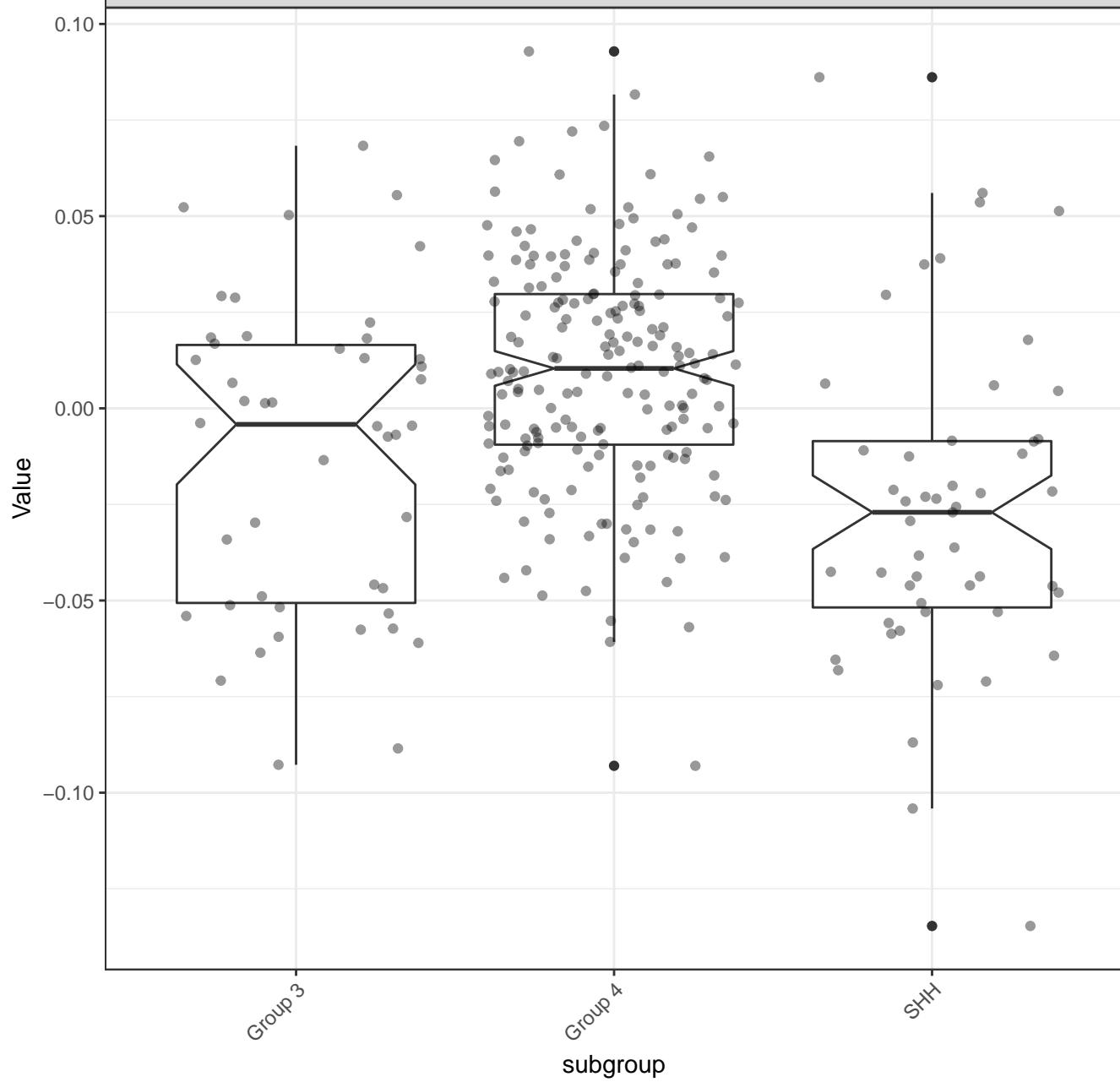
Value



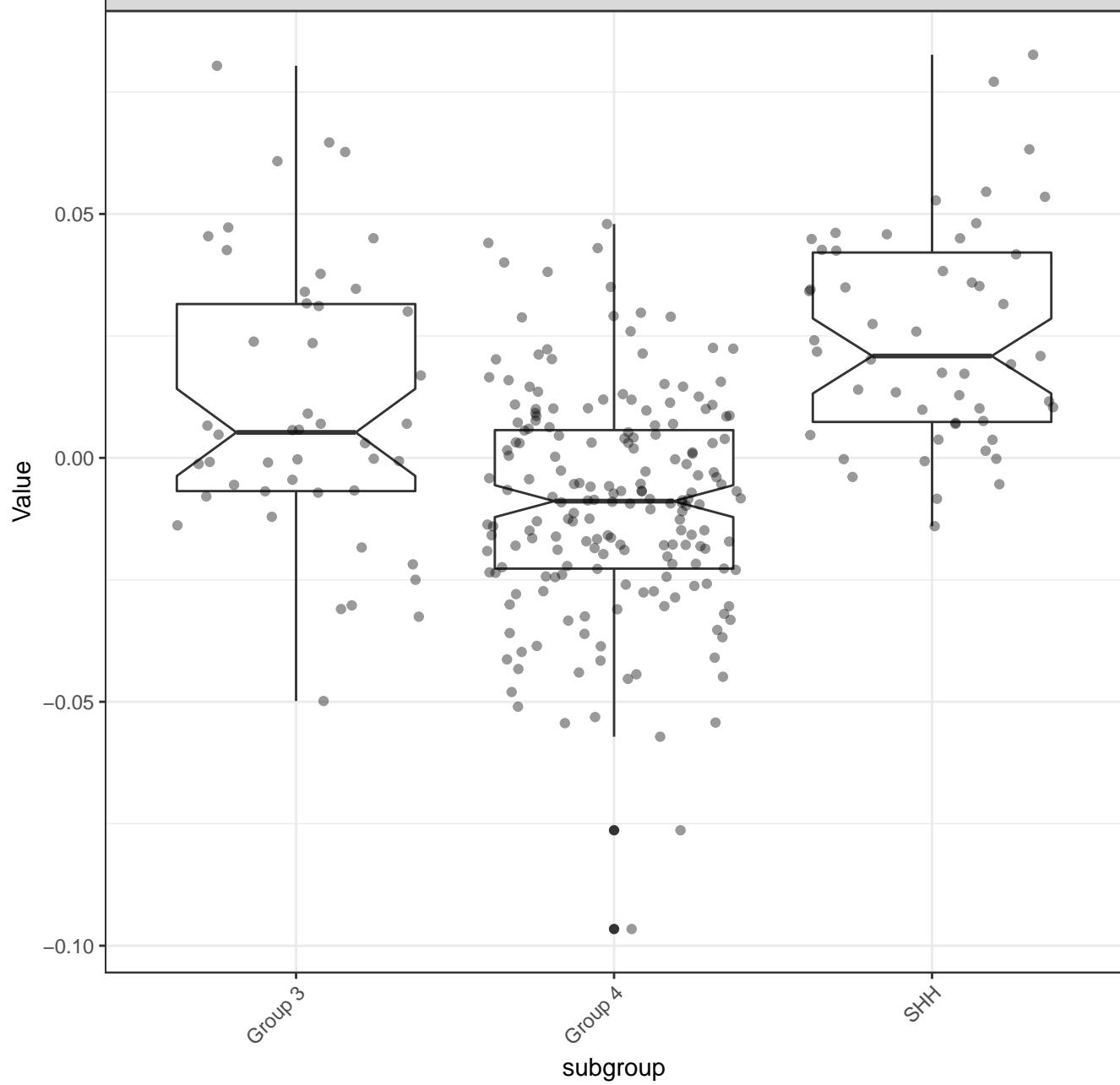
LV 307



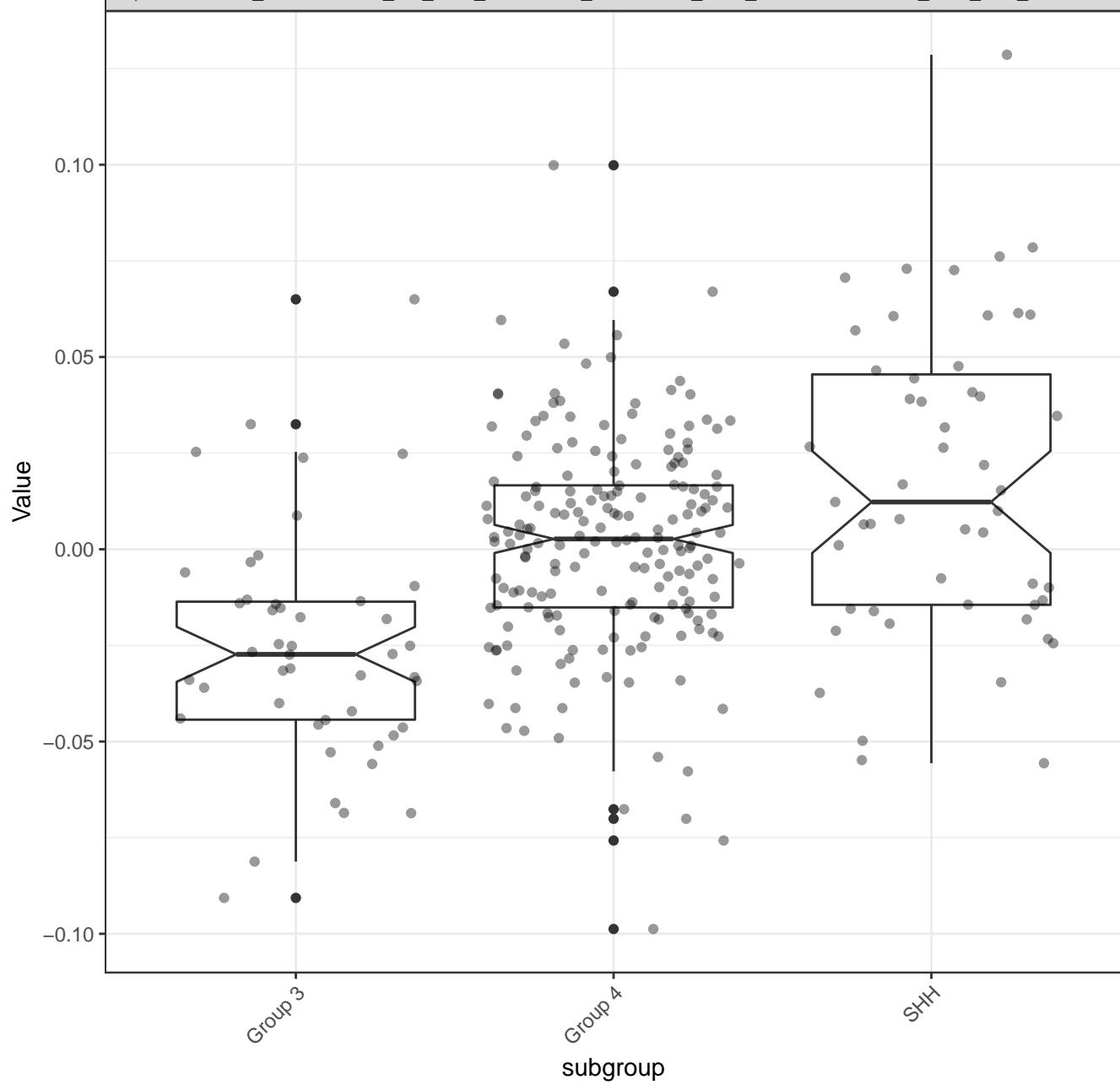
LV 308



LV 309



310,REACTOME_FORMATION_OF_THE_TERNARY_COMPLEX_AND_SUBSEQUENTLY_THE_43S_COMPLEX



LV 311

Value

0.10

0.05

0.00

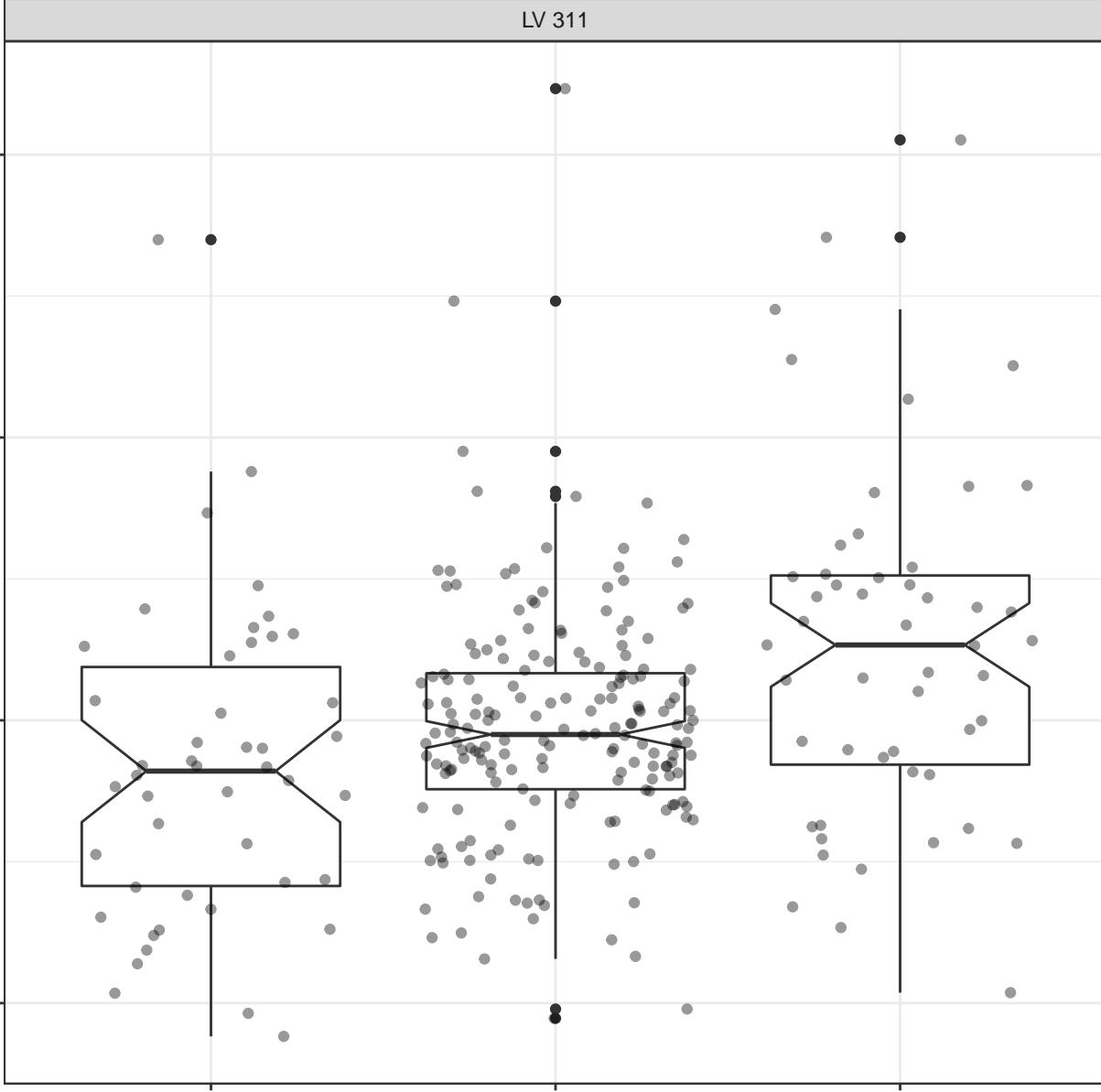
-0.05

Group 3

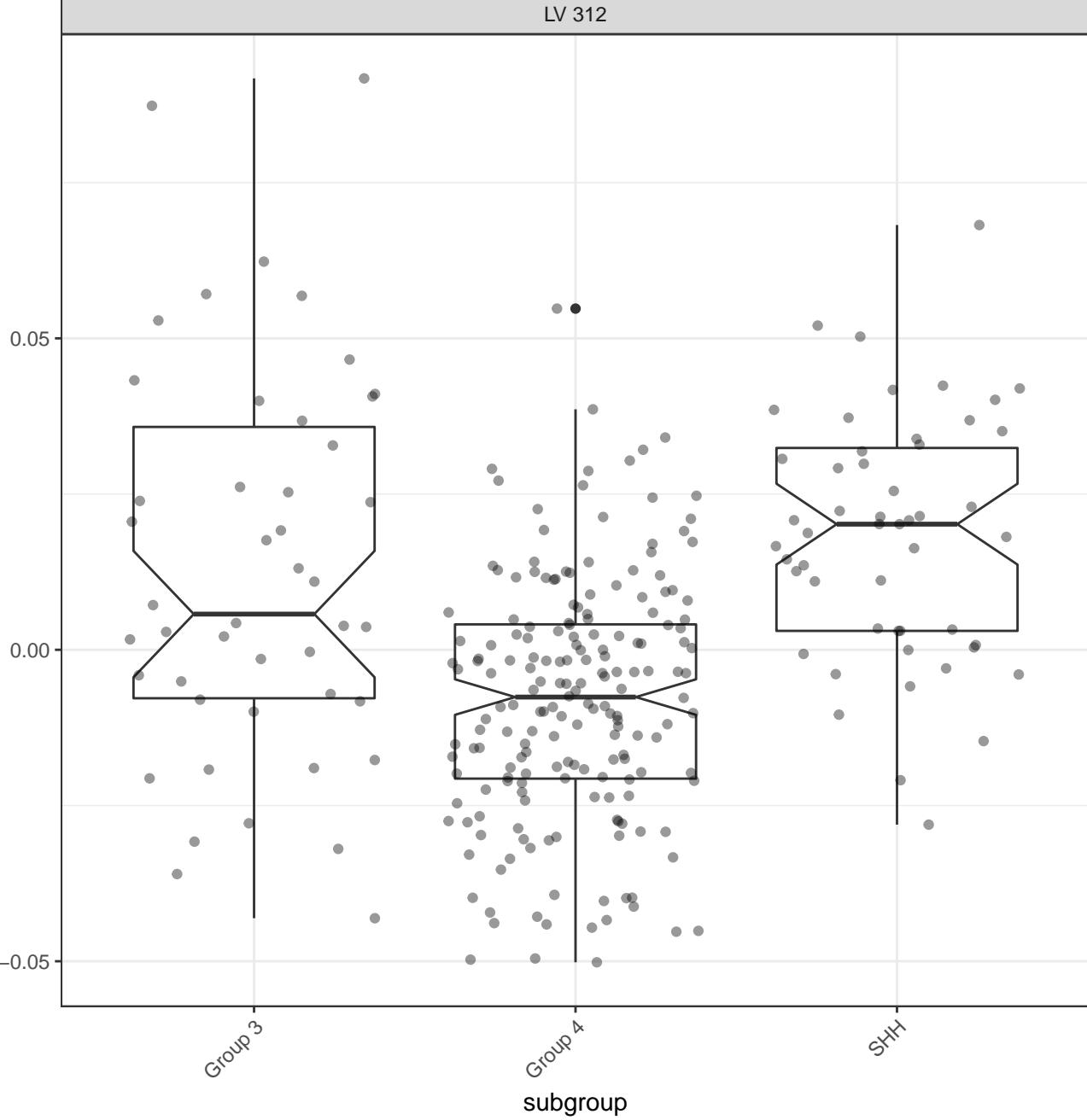
subgroup

Group 4

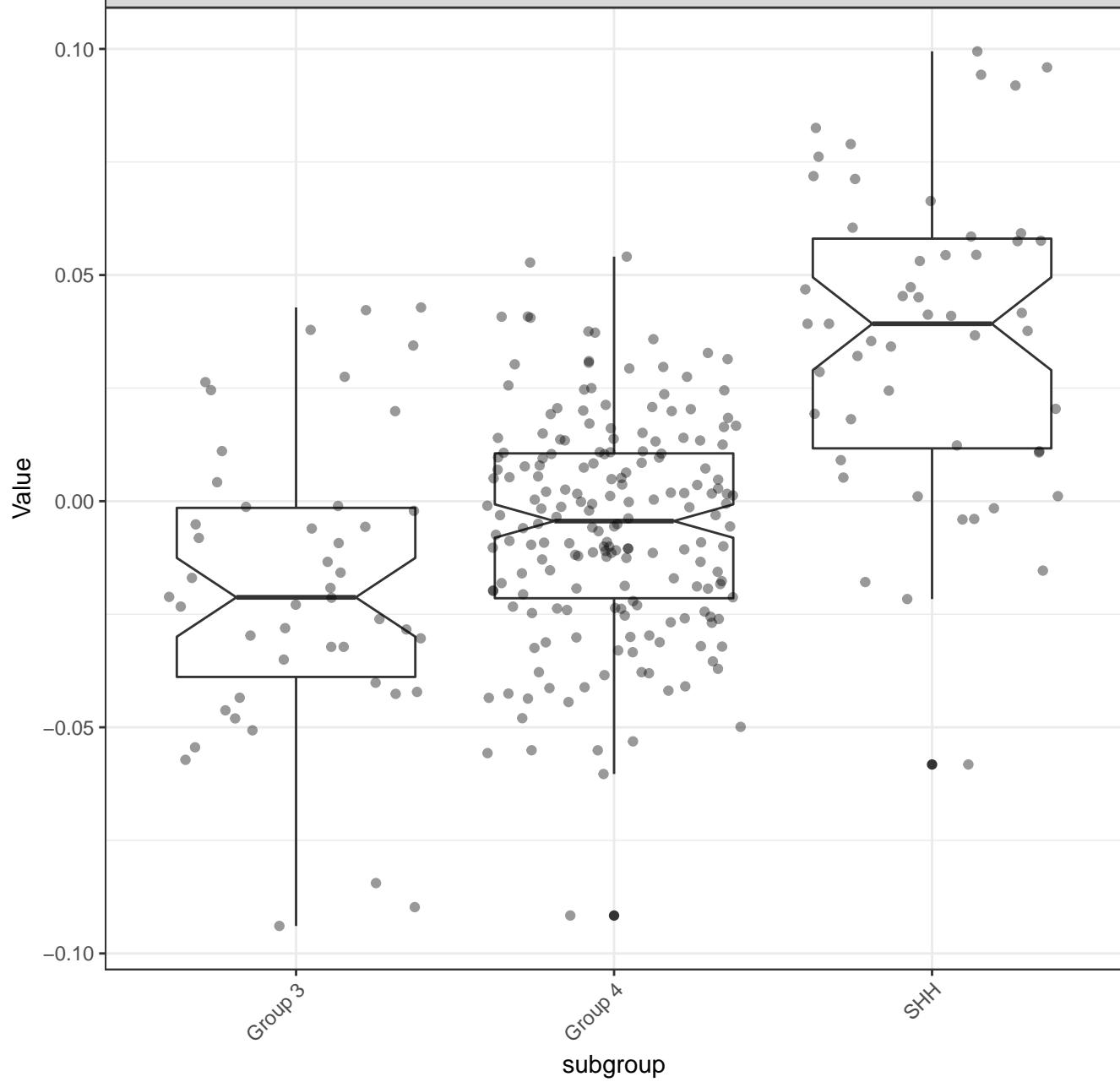
SHH



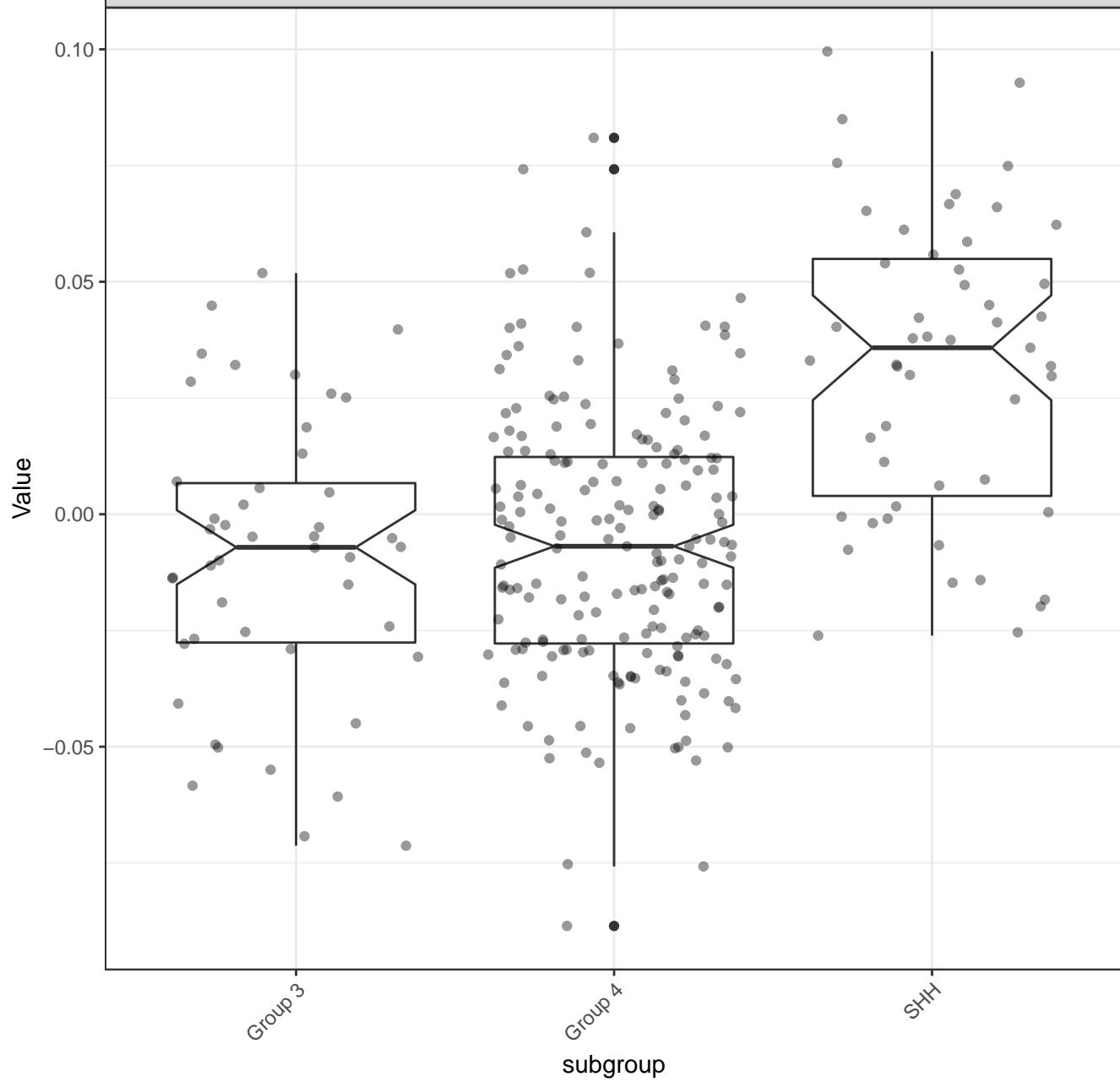
Value



LV 313



LV 314



LV 315

Value

0.1

0.0

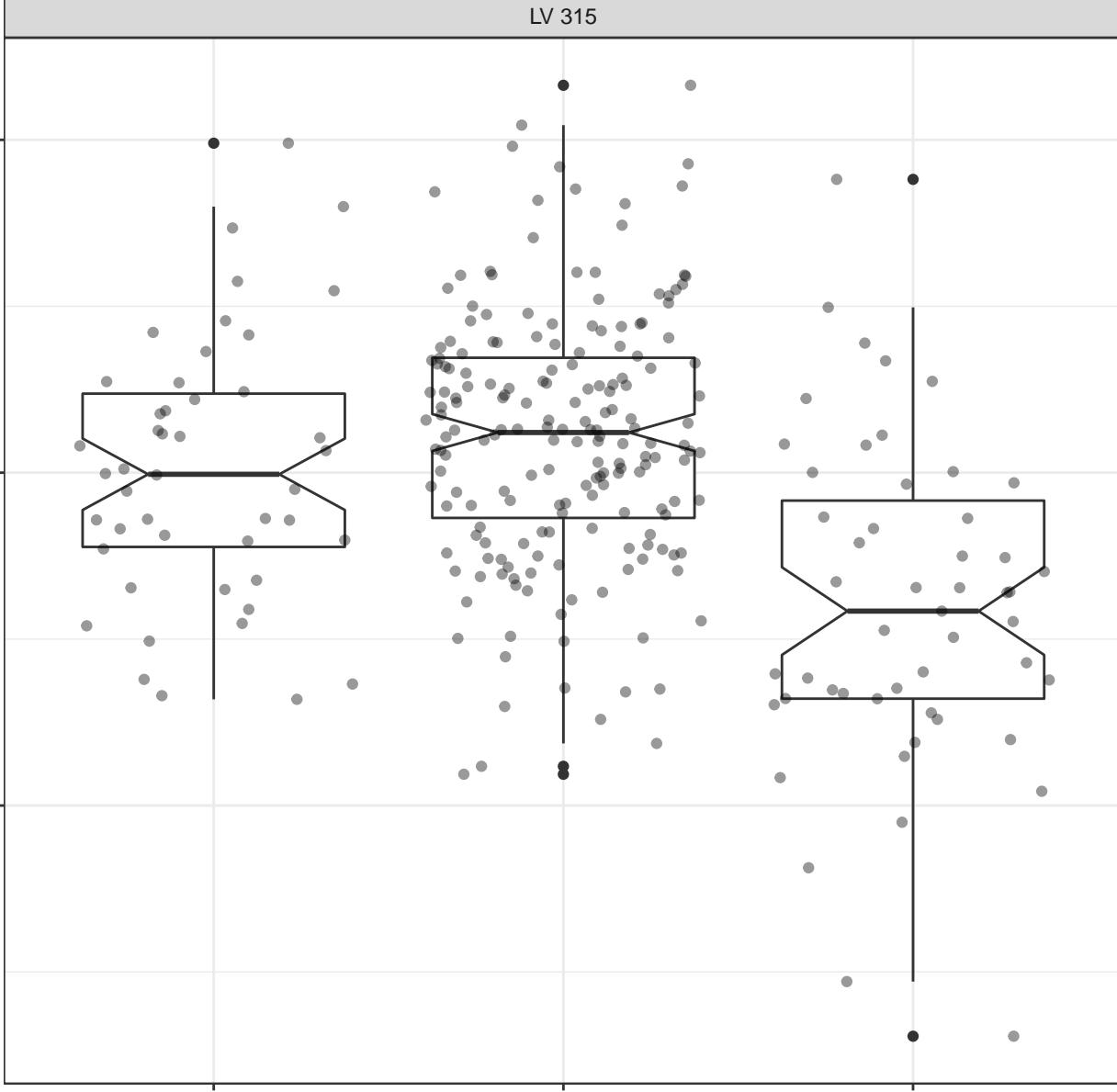
-0.1

Group 3

Group 4

SHH

subgroup



LV 316

Value

0.10

0.05

0.00

-0.05

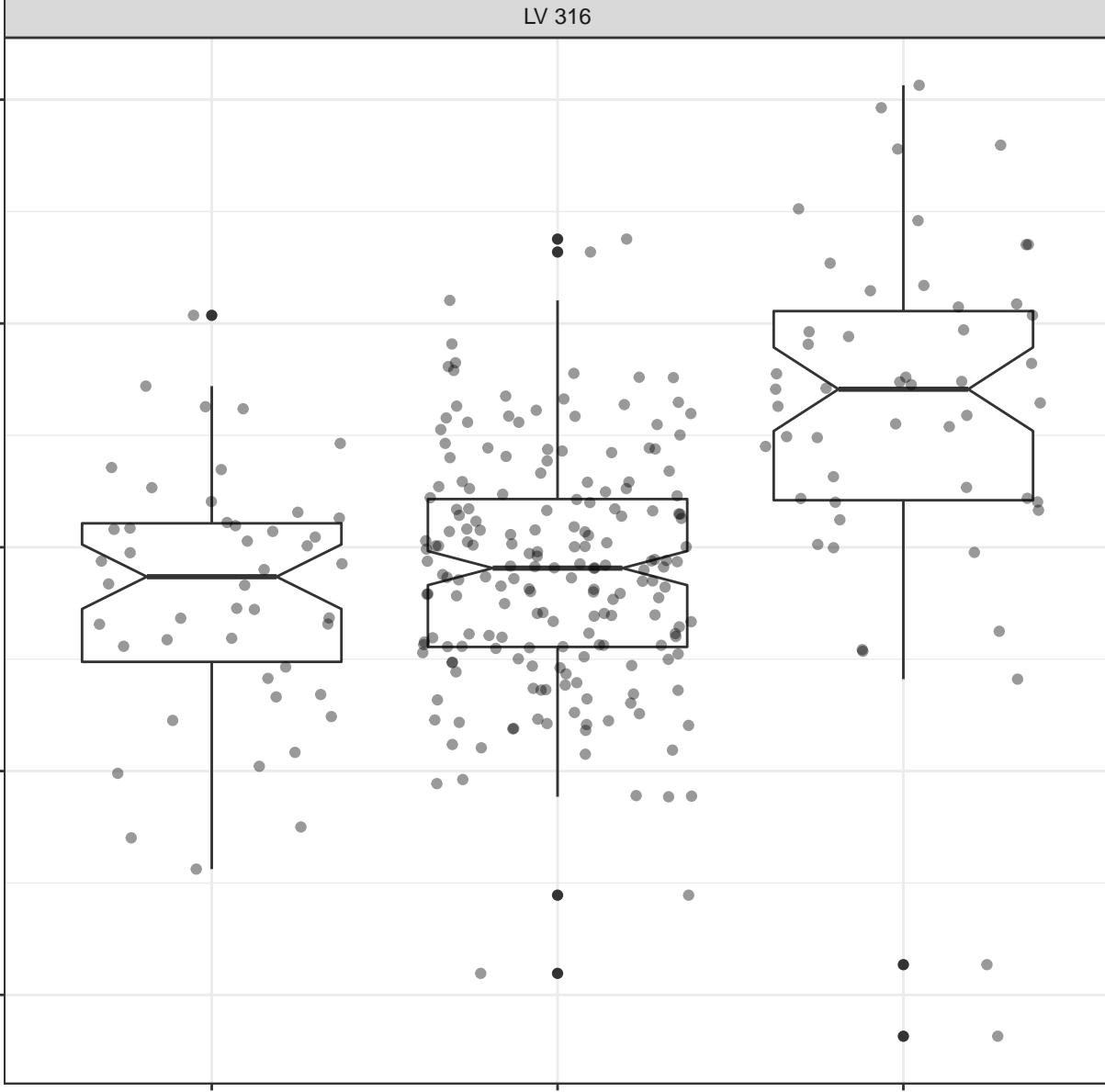
-0.10

Group 3

Group 4

SHH

subgroup



Value

0.10

0.05

0.00

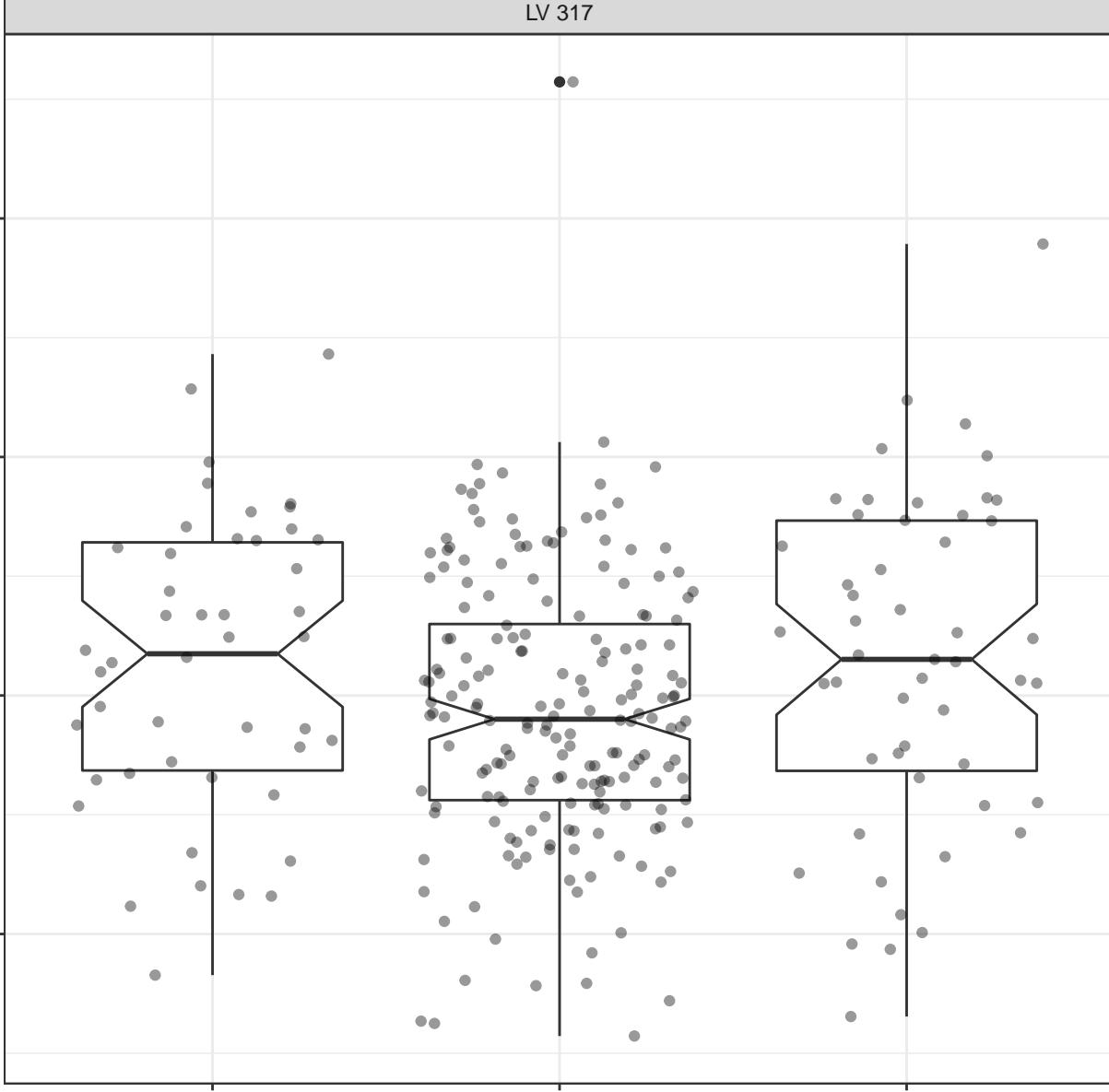
-0.05

Group 3

subgroup

Group 4

SHH



LV 318

Value

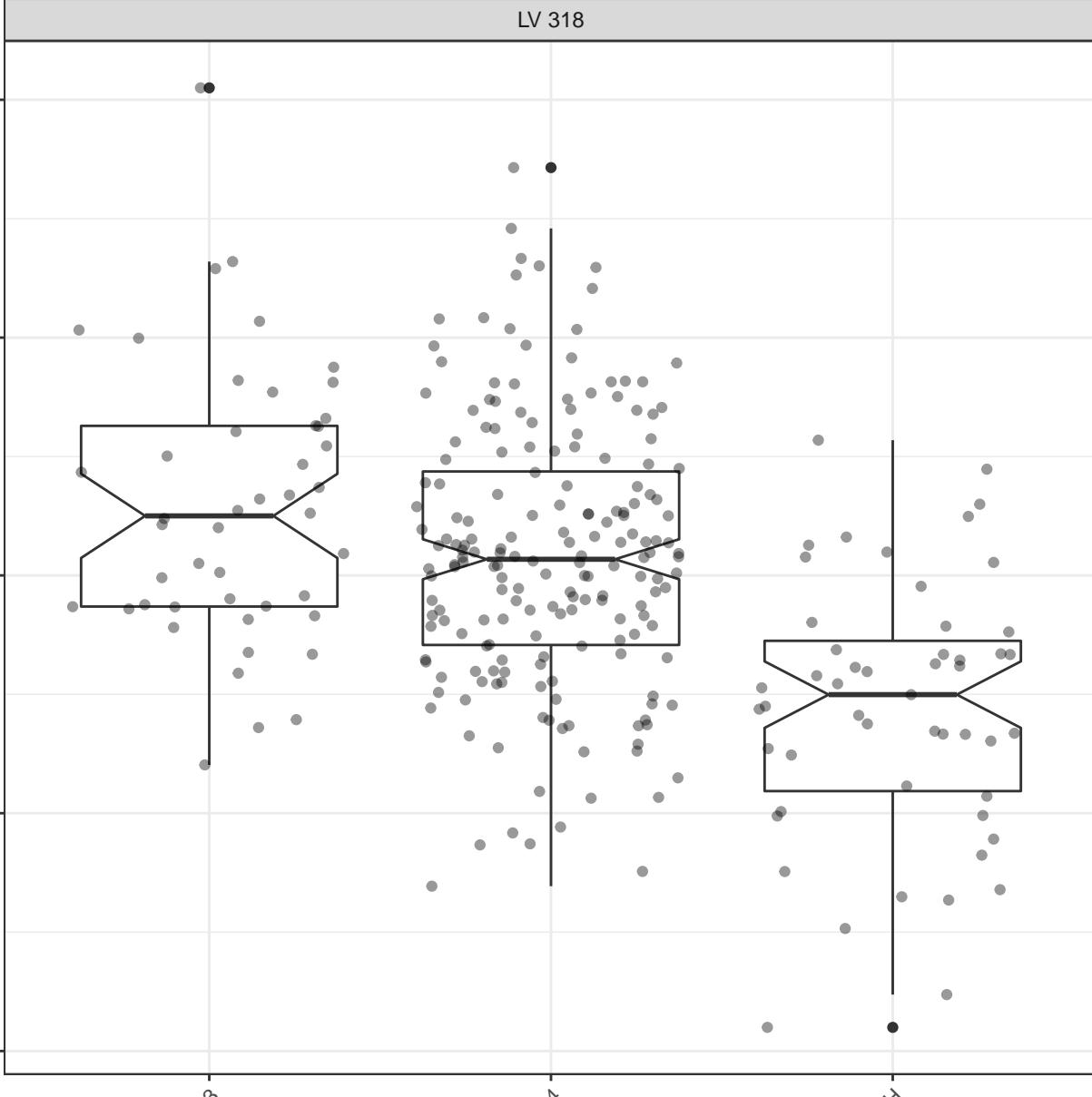
0.10
0.05
0.00
-0.05
-0.10

Group 3

Group 4

SHH

subgroup



LV 319

Value

0.05

0.00

-0.05

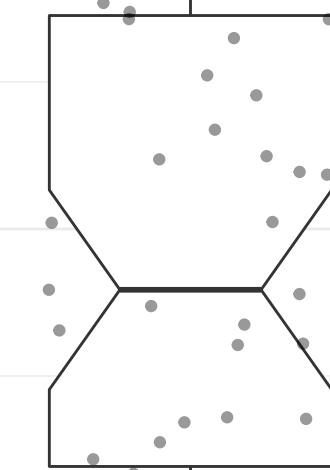
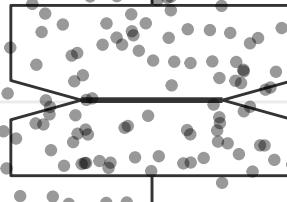
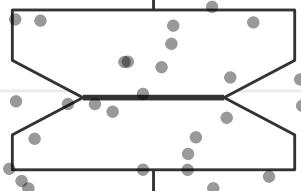
-0.10

Group 3

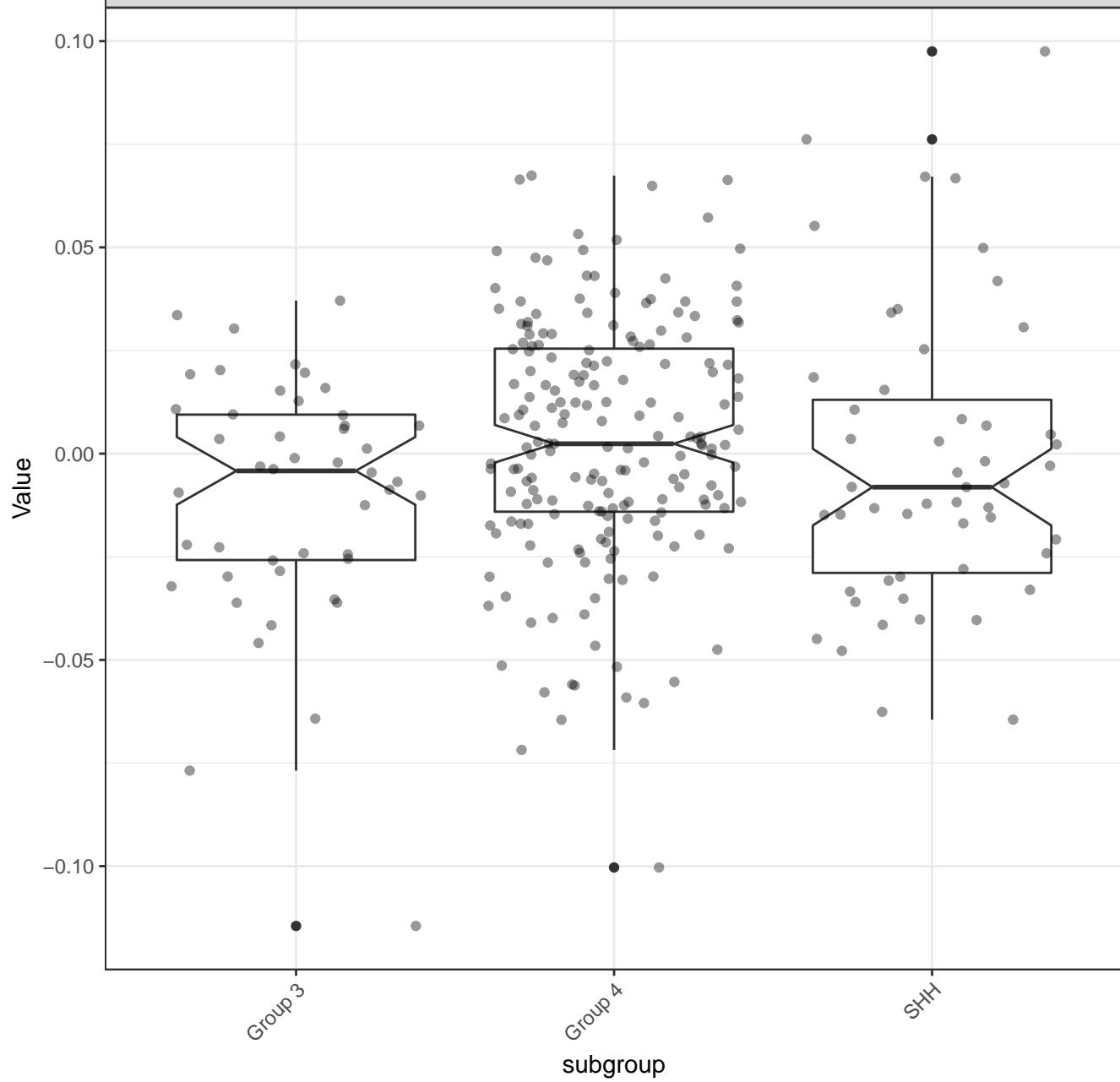
Group 4

SHH

subgroup



LV 320



Value

0.10

0.05

0.00

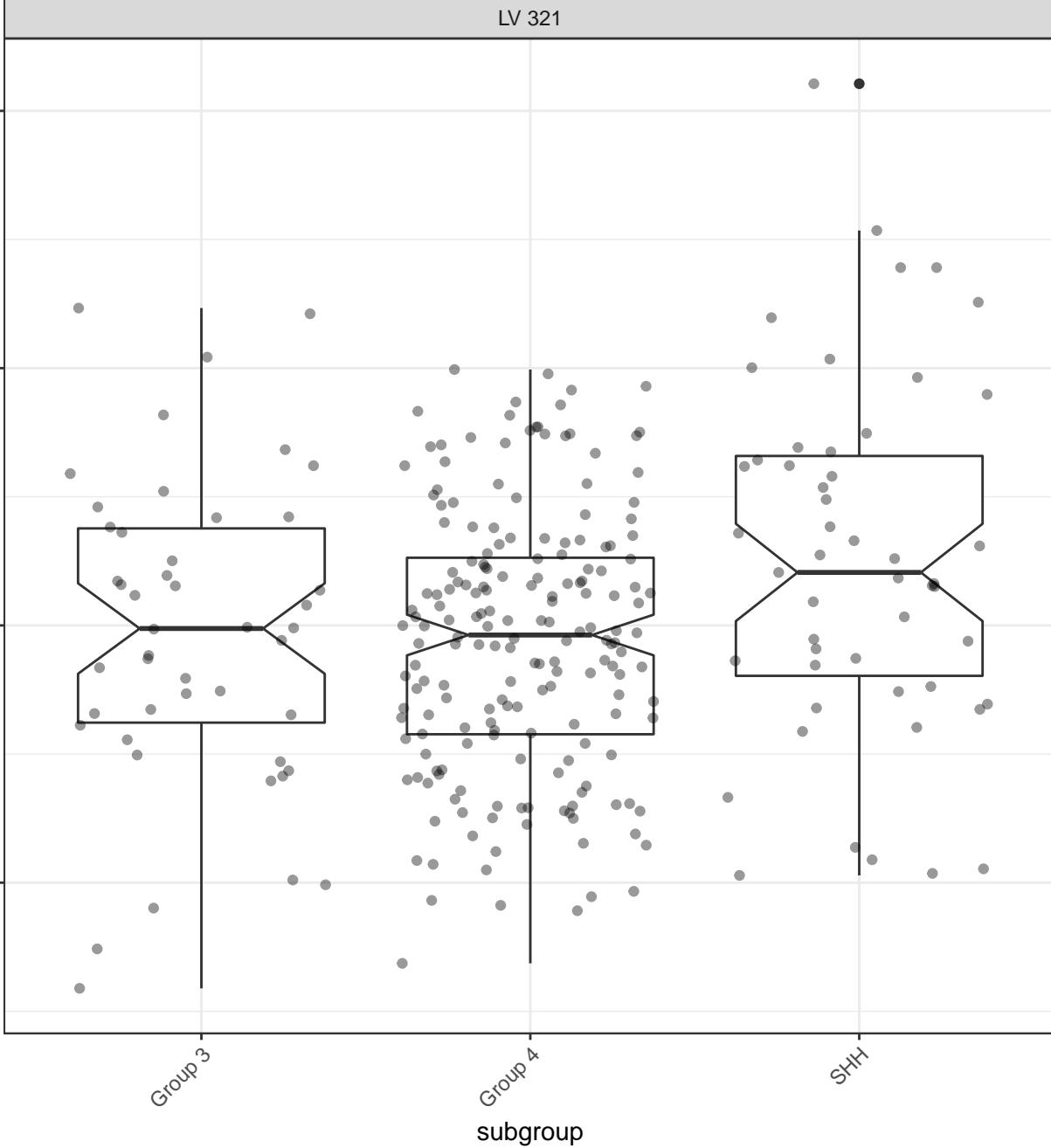
-0.05

Group 3

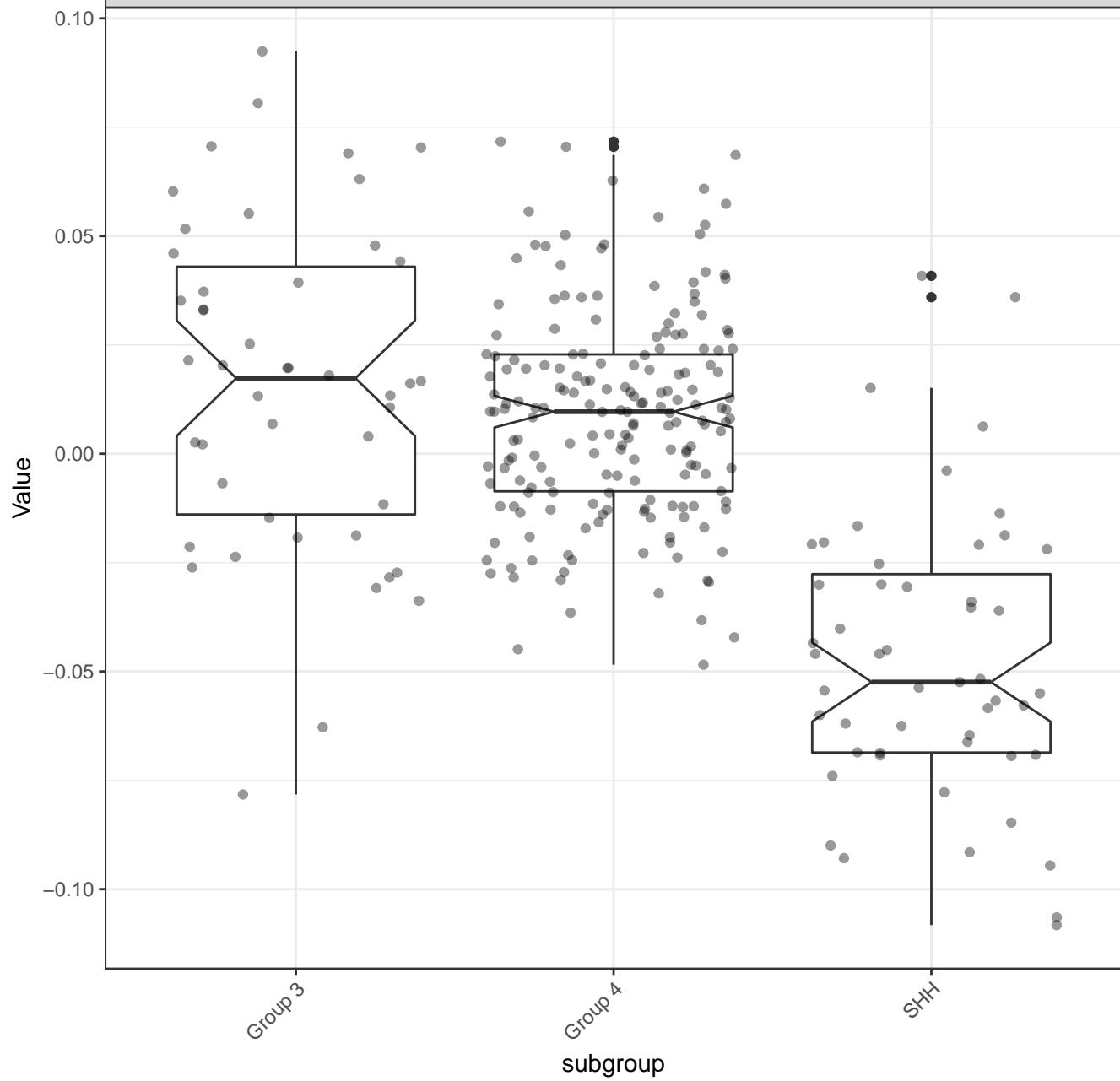
Group 4

SHH

subgroup



LV 322



LV 323

Value

0.05

0.00

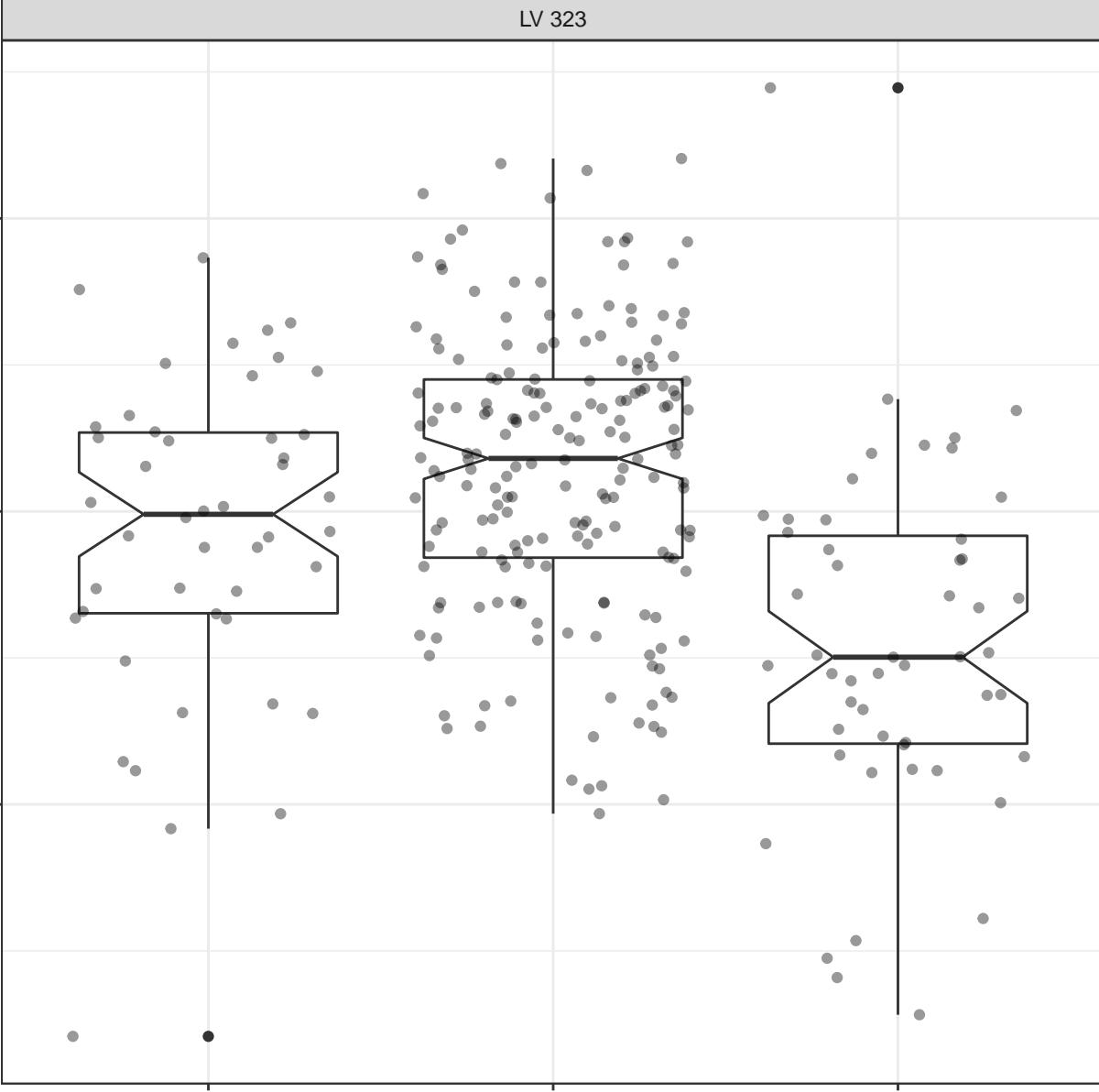
-0.05

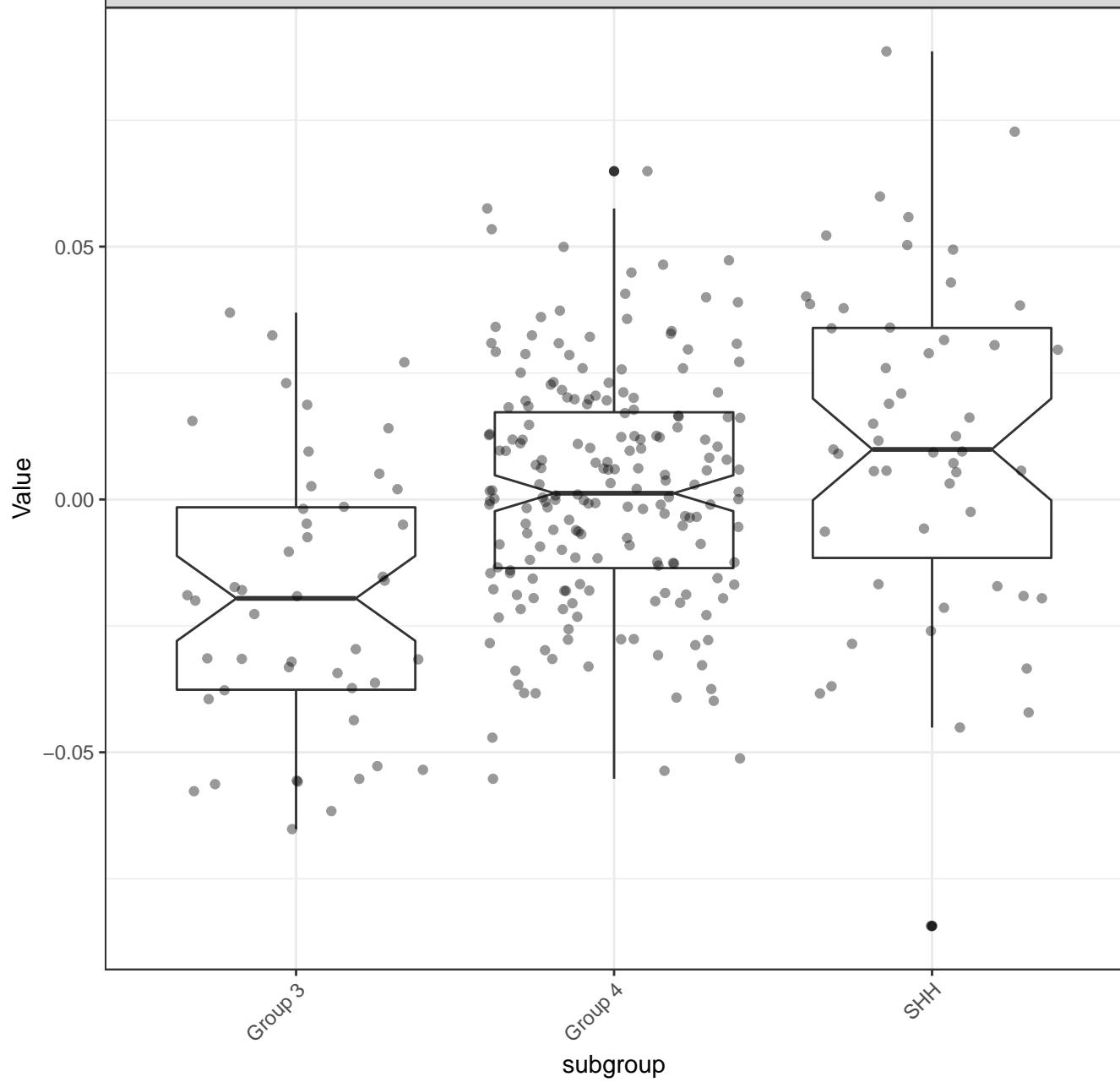
Group 3

subgroup

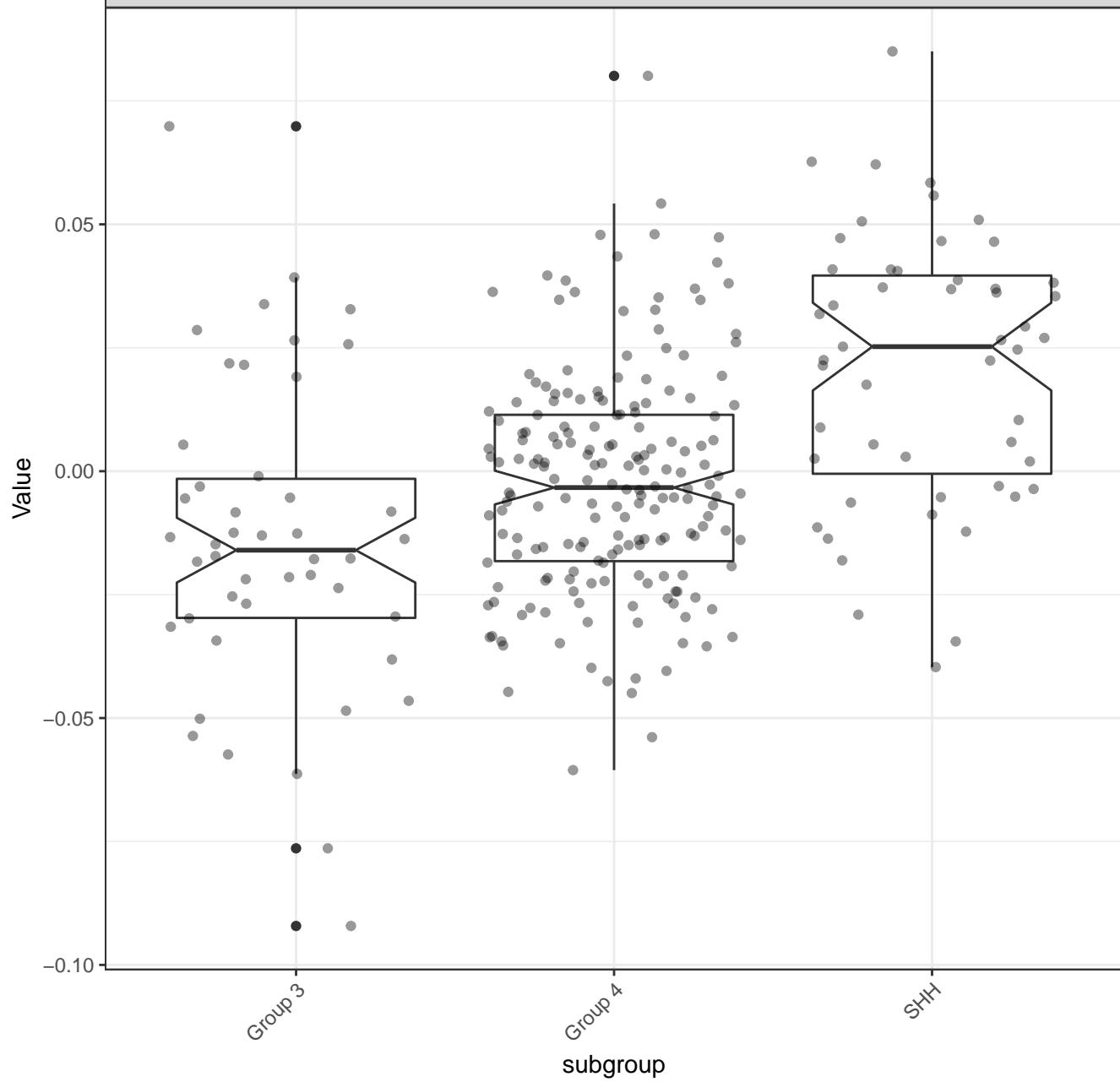
Group 4

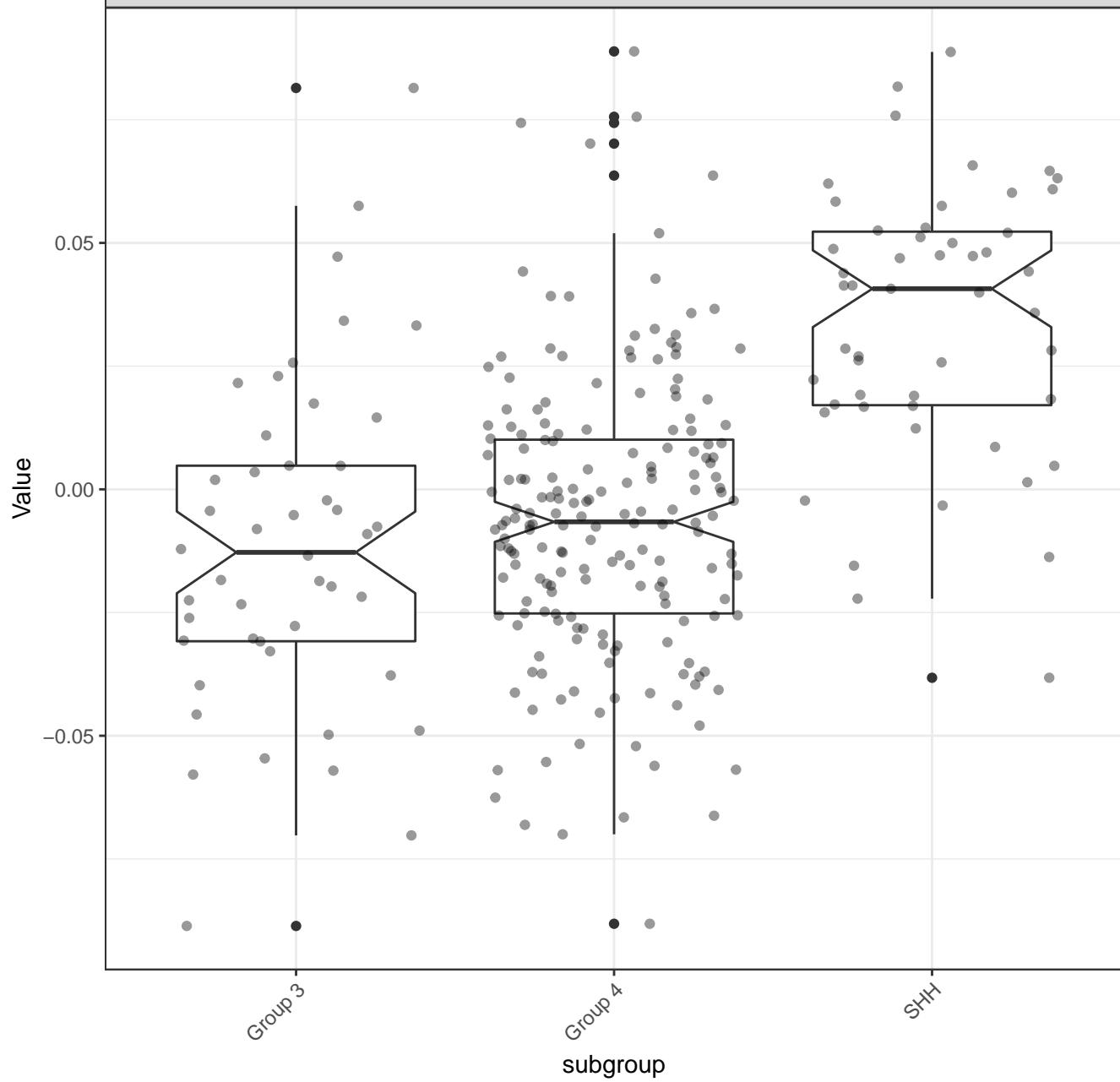
SHH

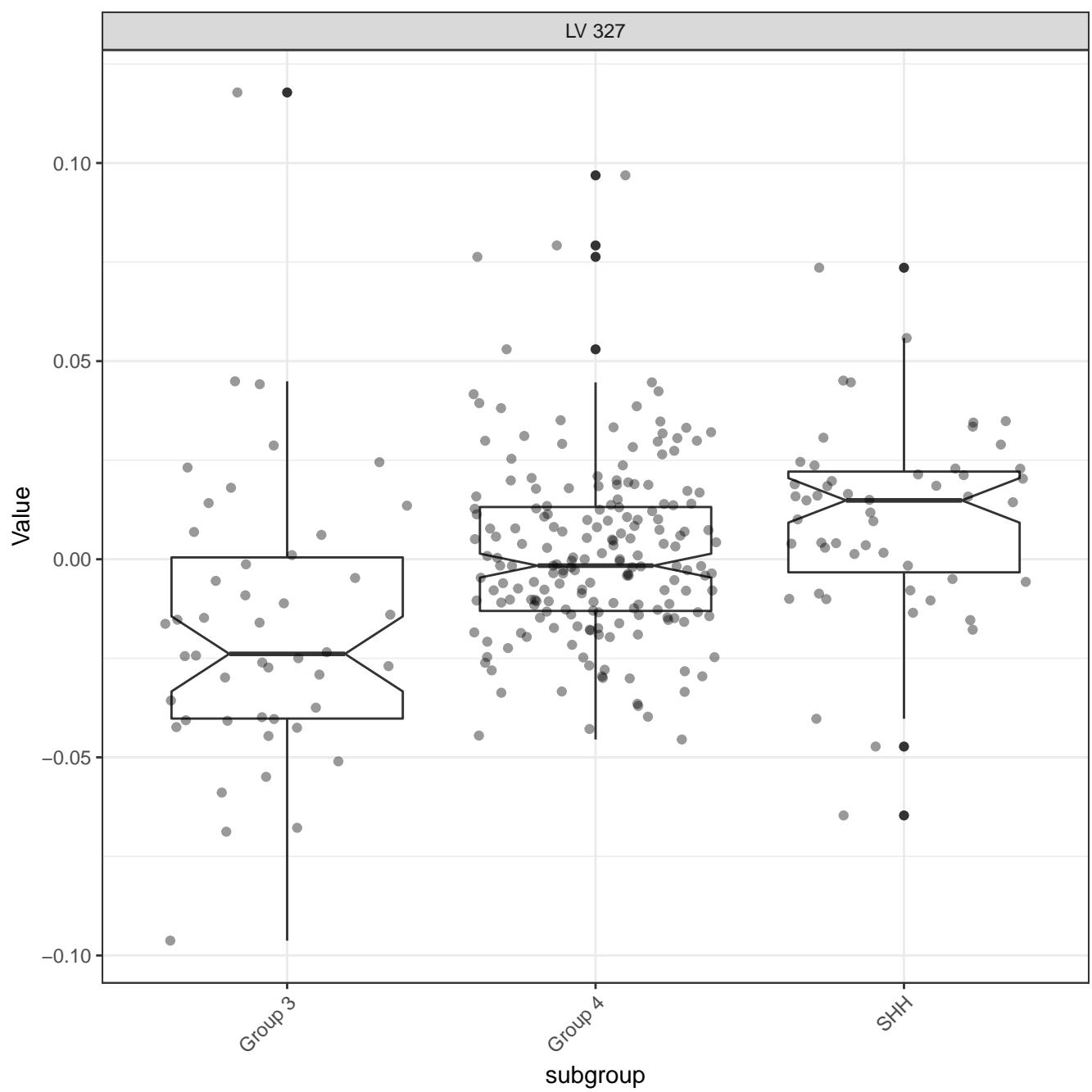




LV 325







Value

0.05

0.00

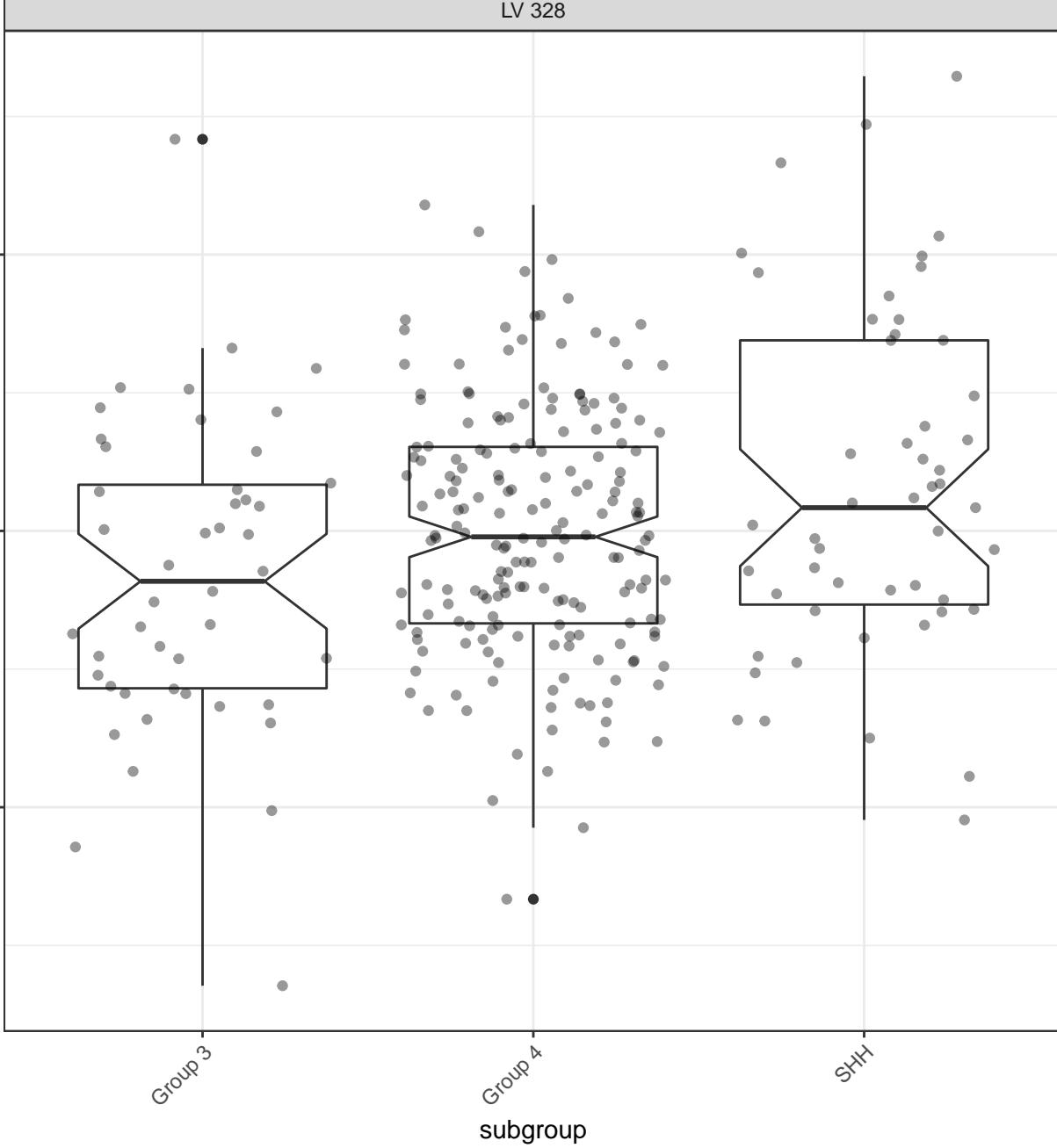
-0.05

Group 3

Group 4

SHH

subgroup



LV 329

Value

0.05

0.00

-0.05

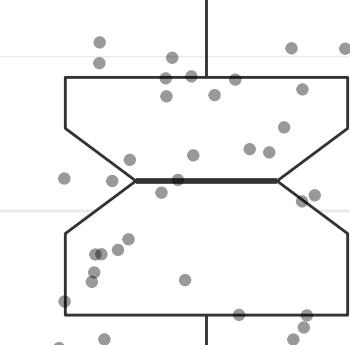
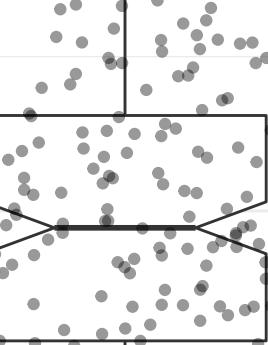
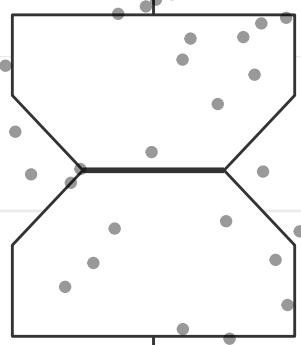
-0.10

Group 3

Group 4

SHH

subgroup



LV 330

Value

0.05

0.00

-0.05

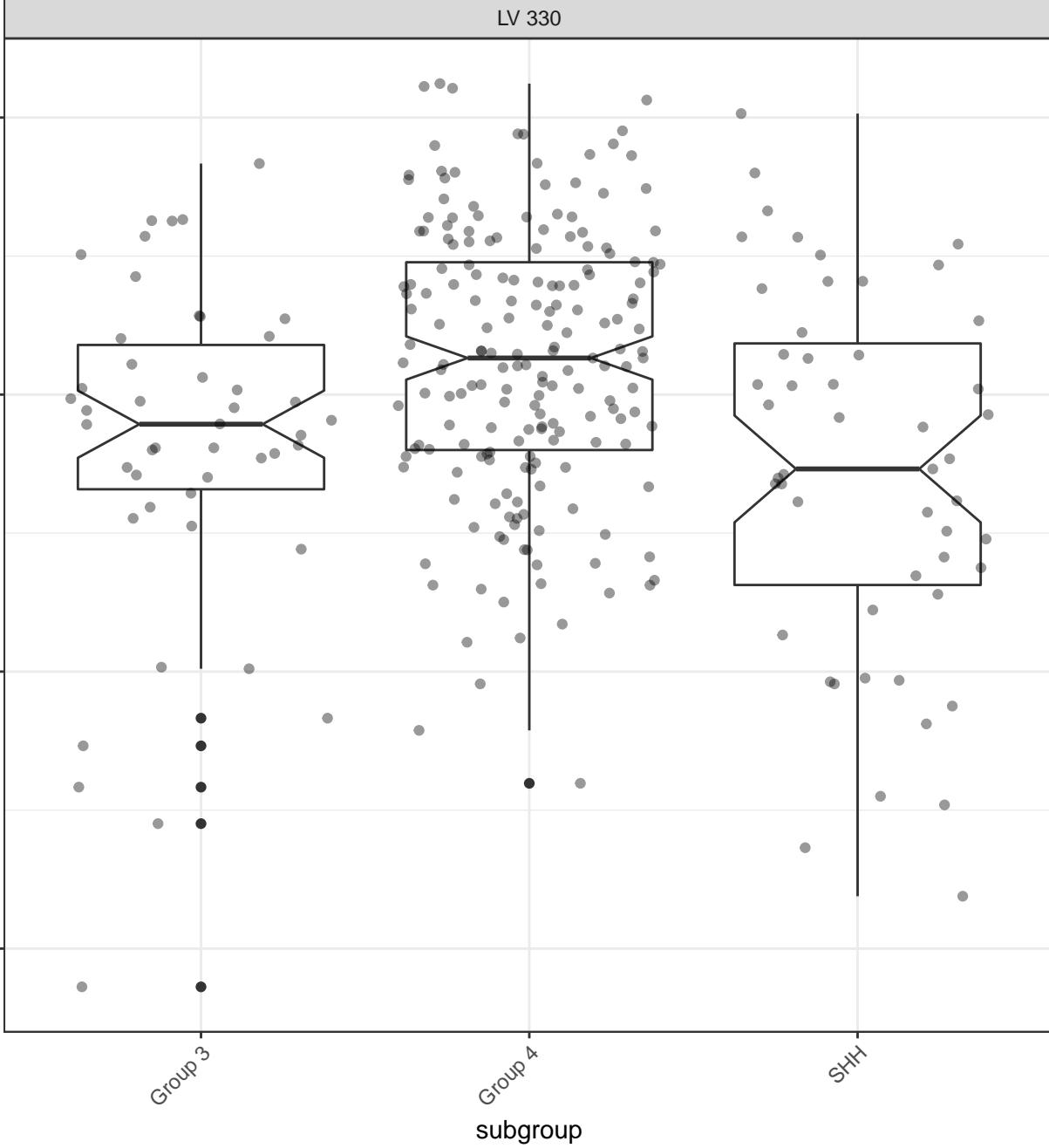
-0.10

Group 3

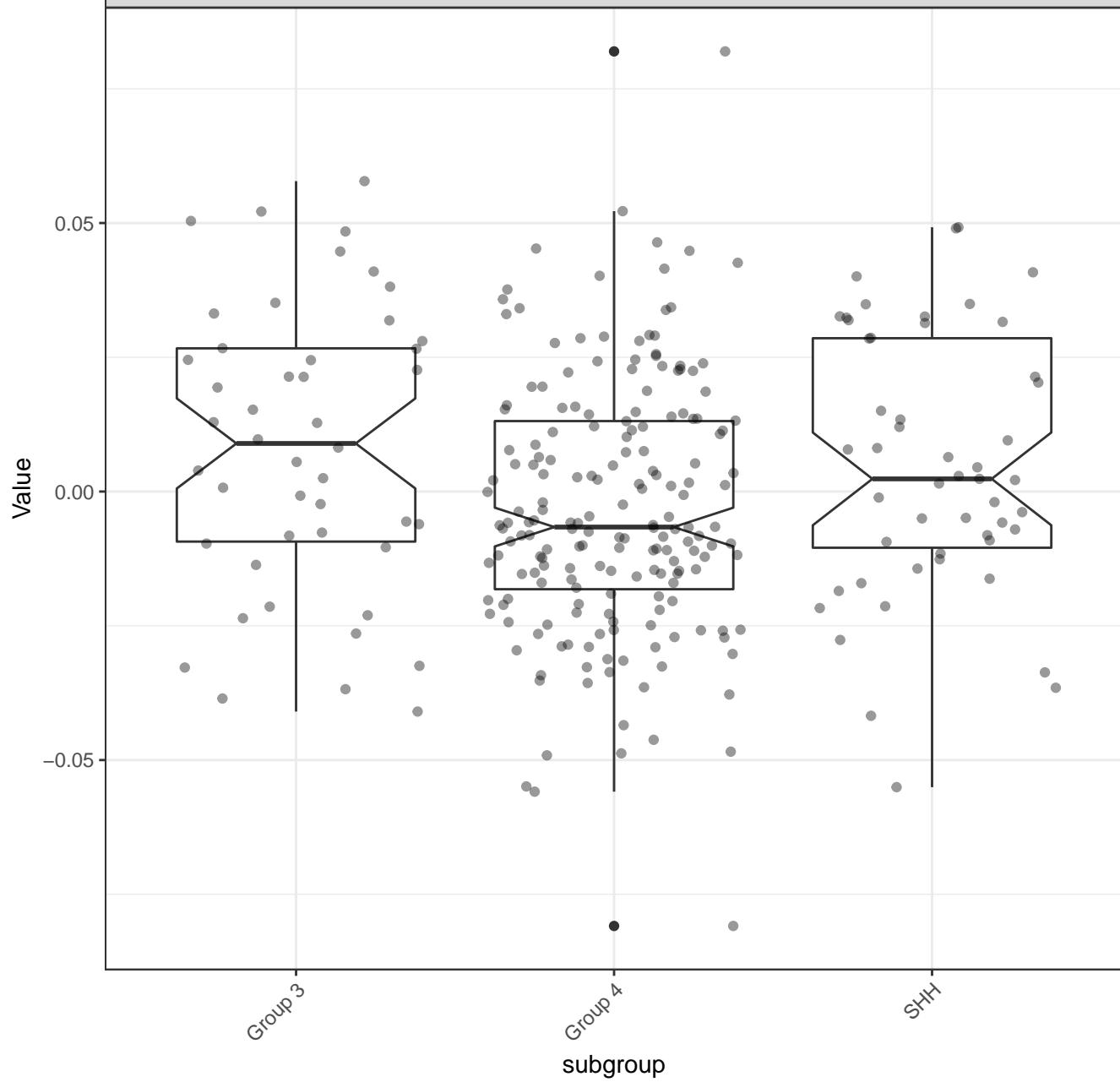
Group 4

SHH

subgroup

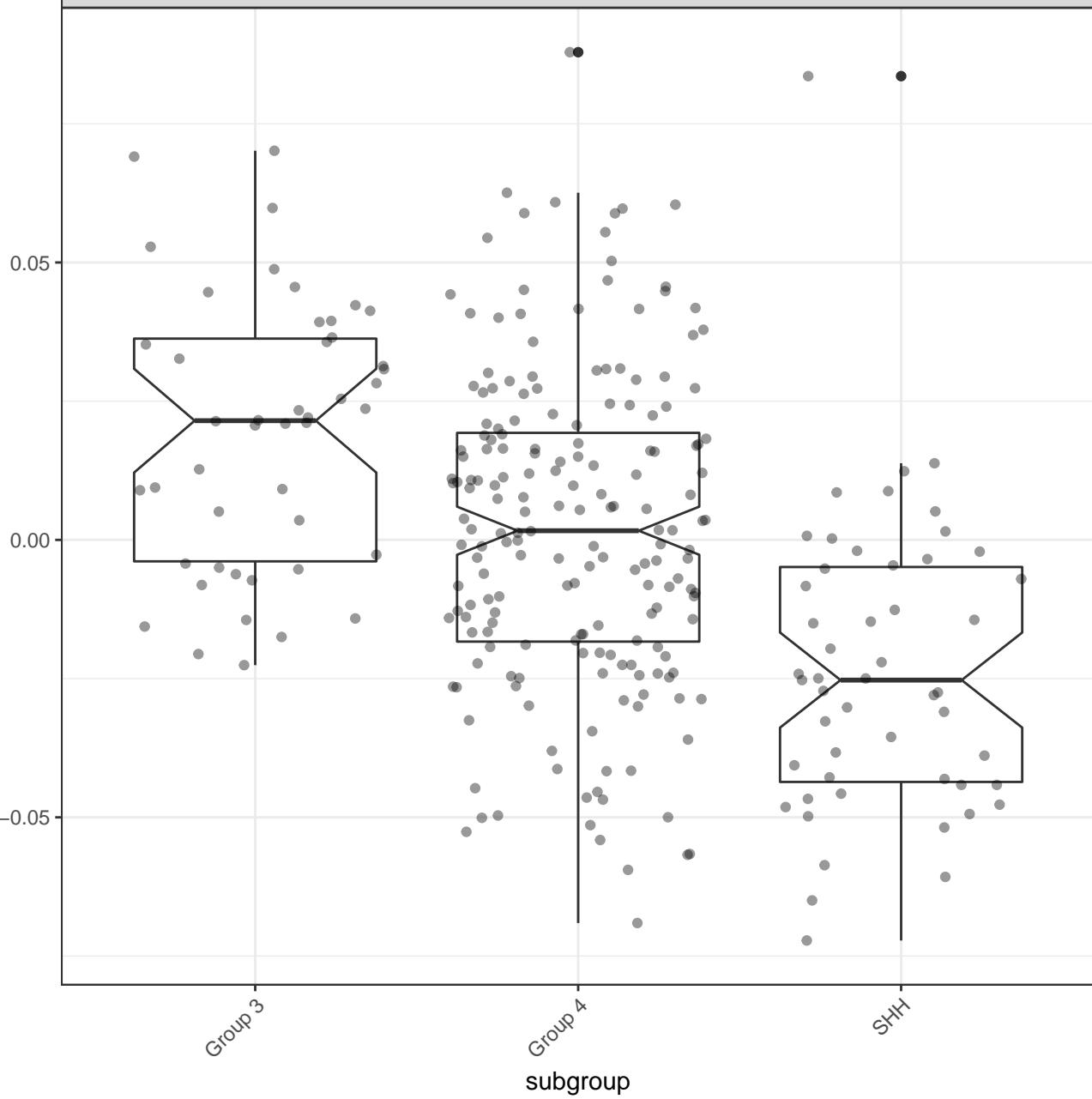


LV 331



LV 332

Vvalue



LV 333

Value

0.10

0.05

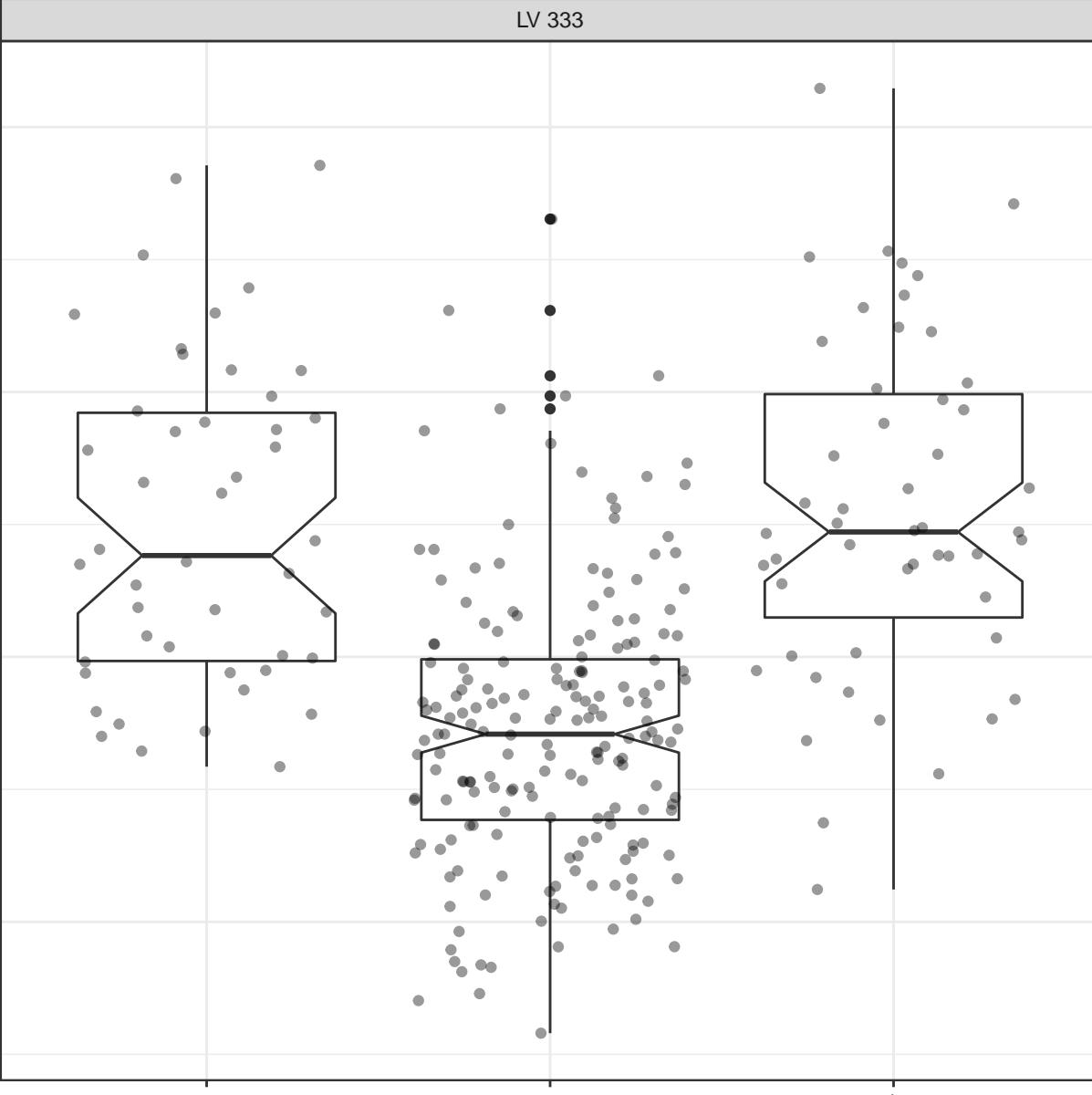
0.00

-0.05

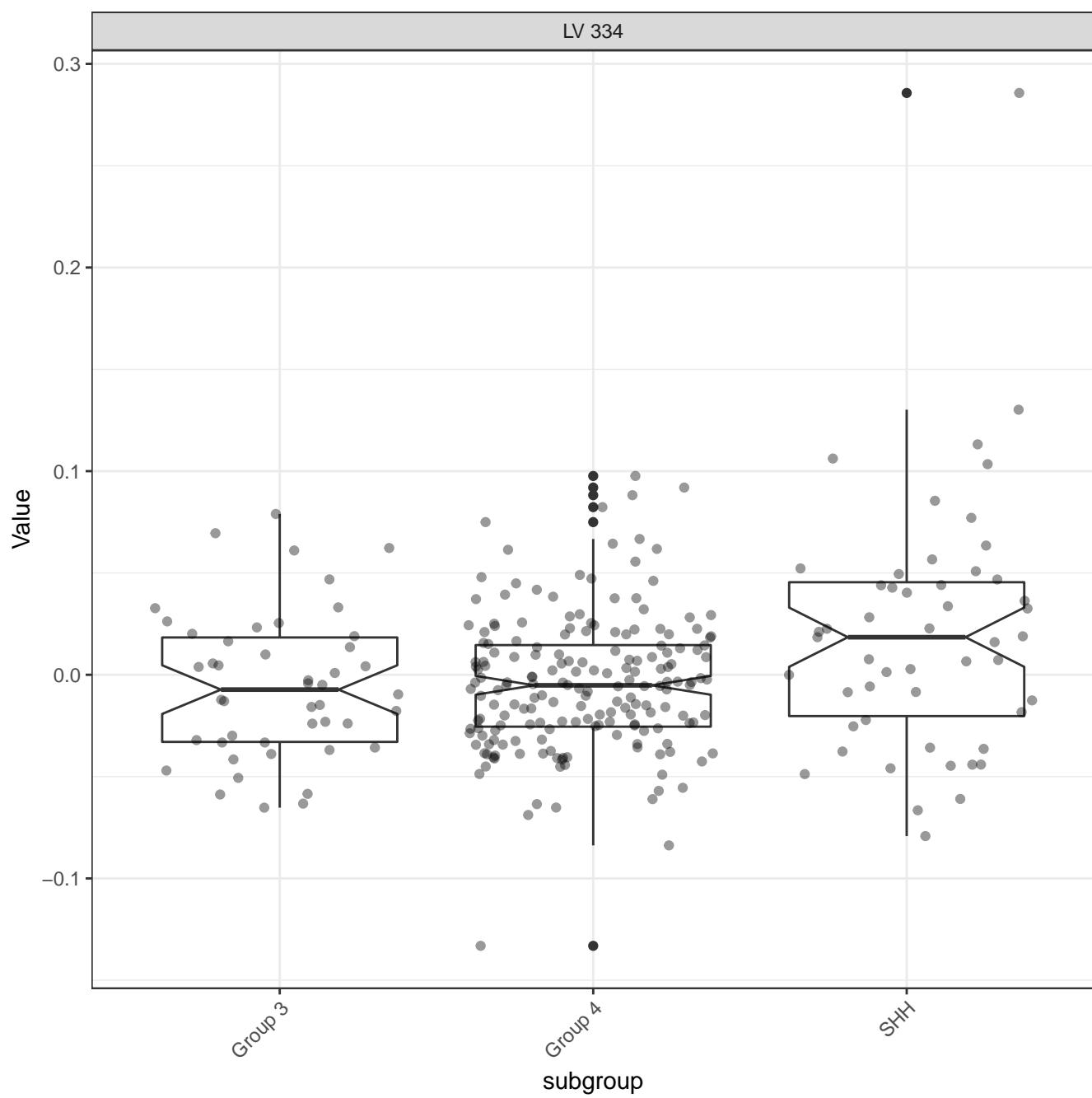
Group 3

subgroup

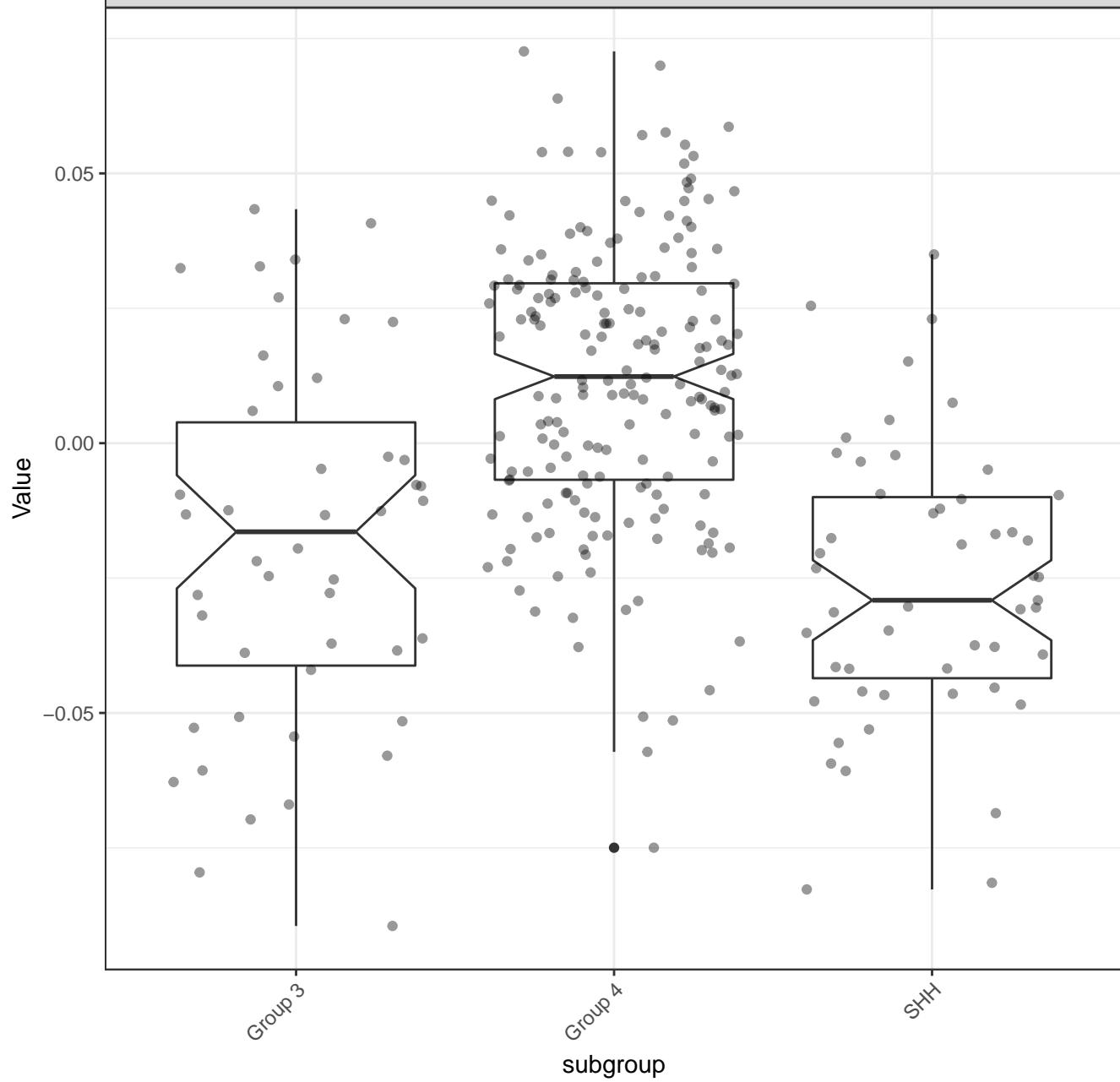
SHH



LV 334



LV 335



LV 336

Value

0.10

0.05

0.00

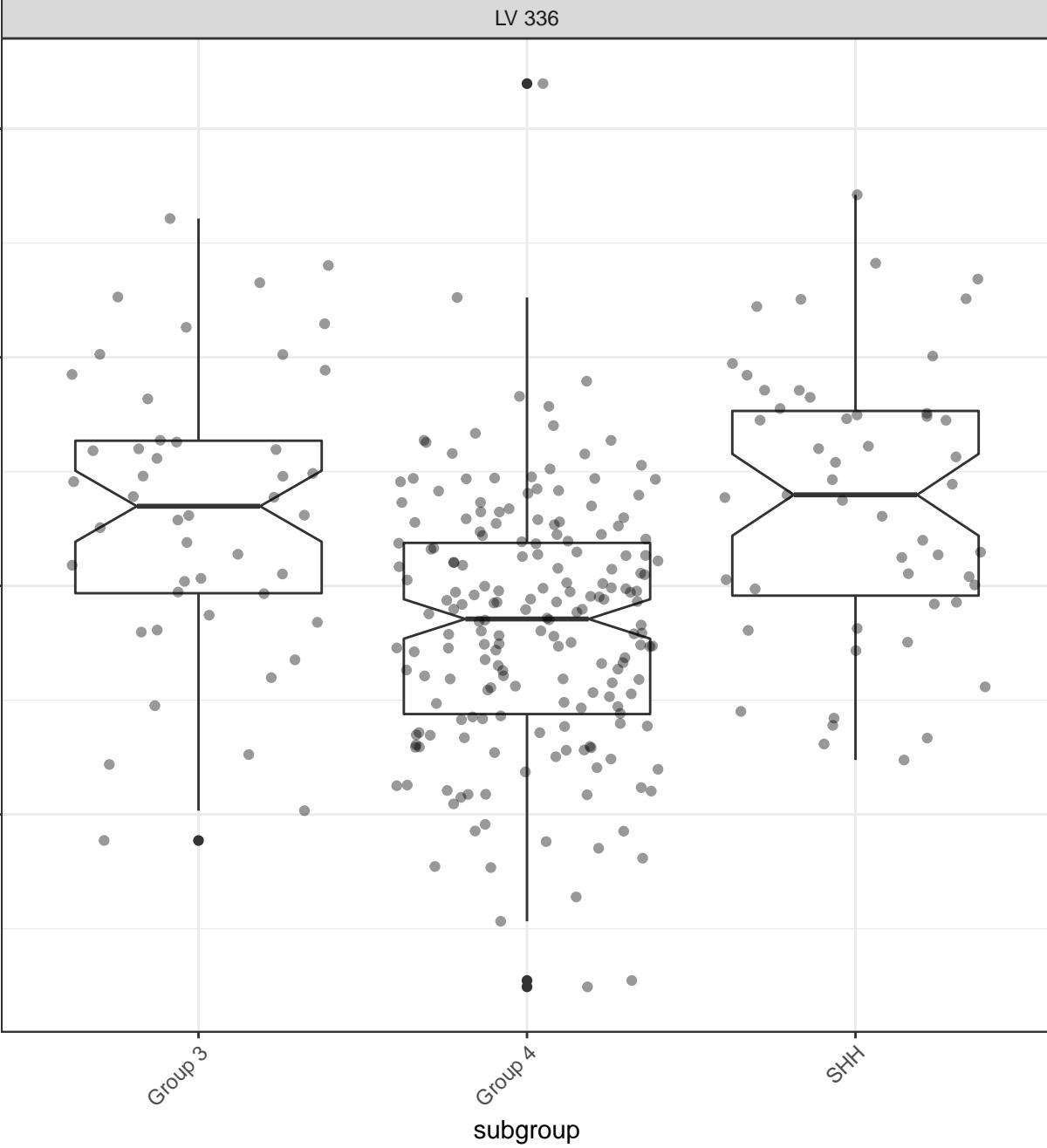
-0.05

Group 3

subgroup

Group 4

SHH



LV 337

Value

0.05

0.00

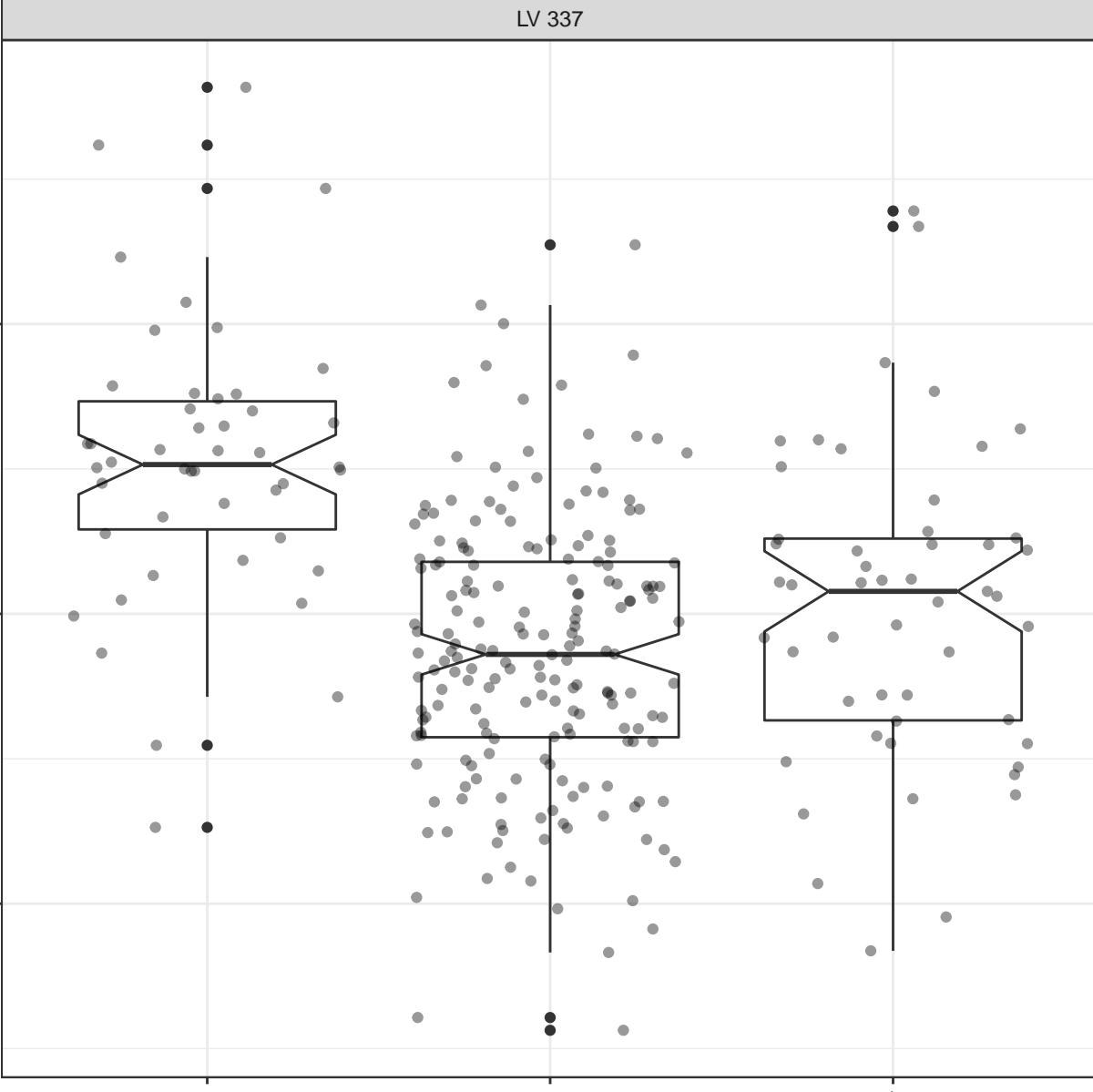
-0.05

Group 3

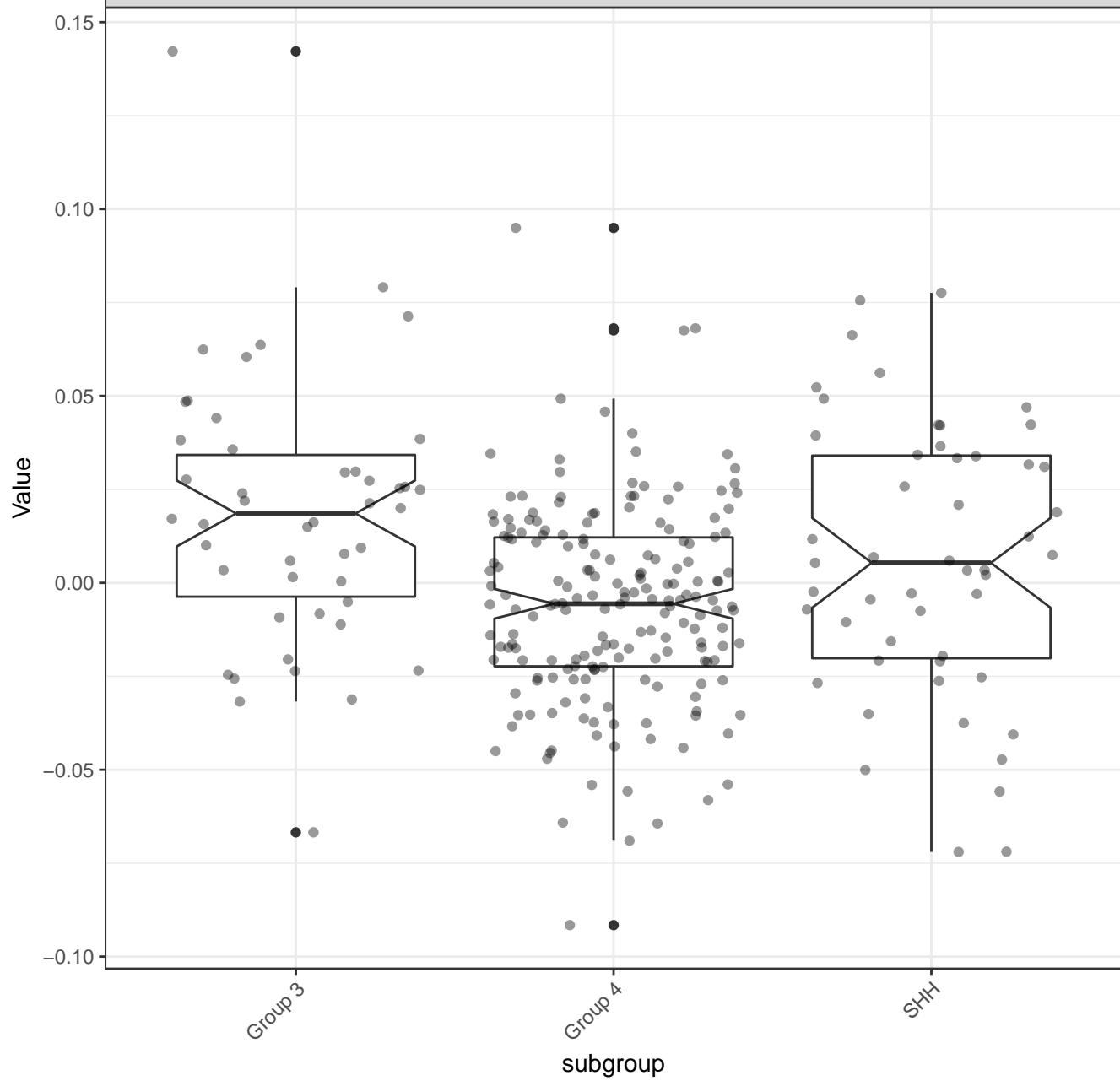
subgroup

Group 4

SHH



LV 338



Value

0.05

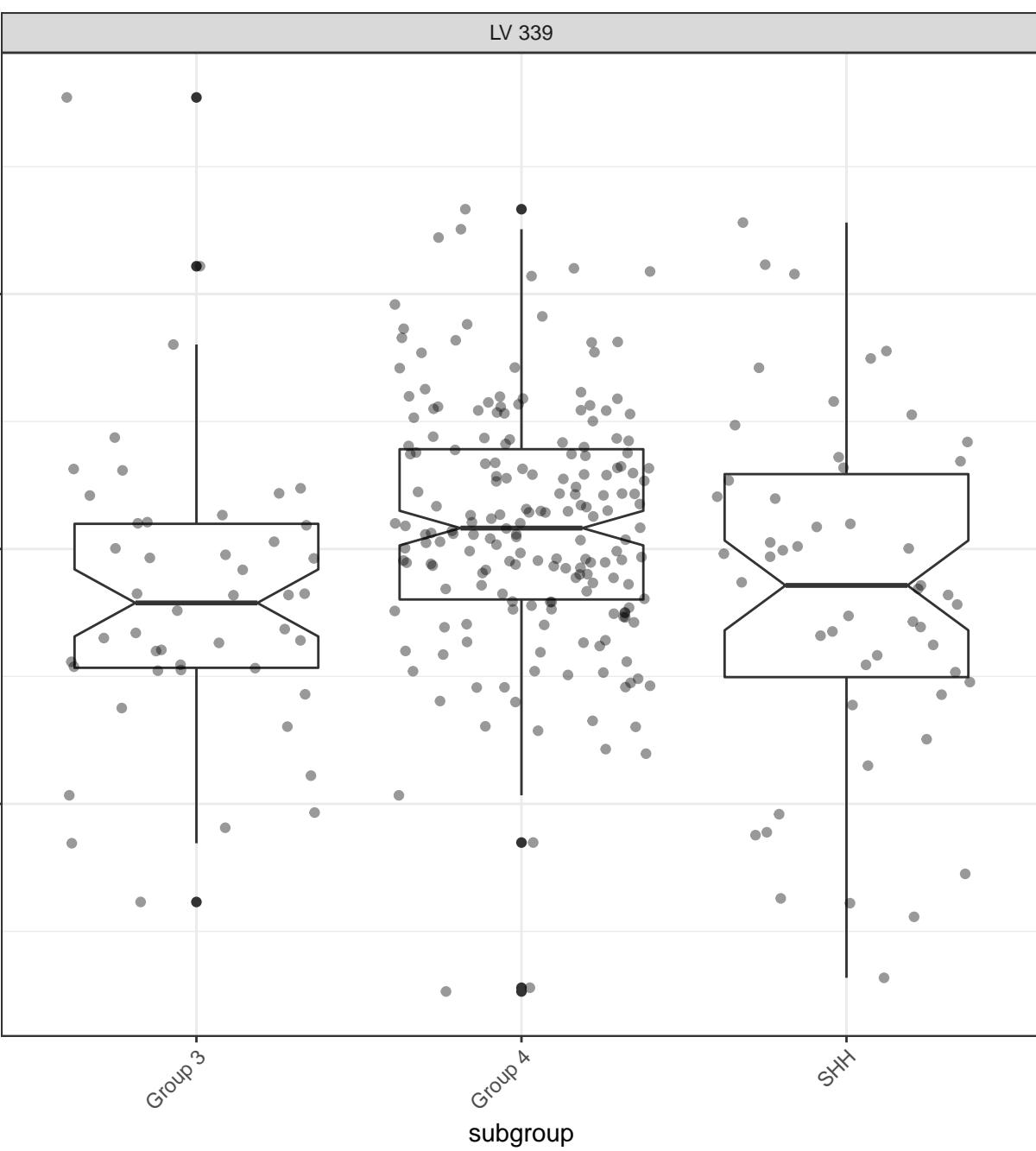
0.00

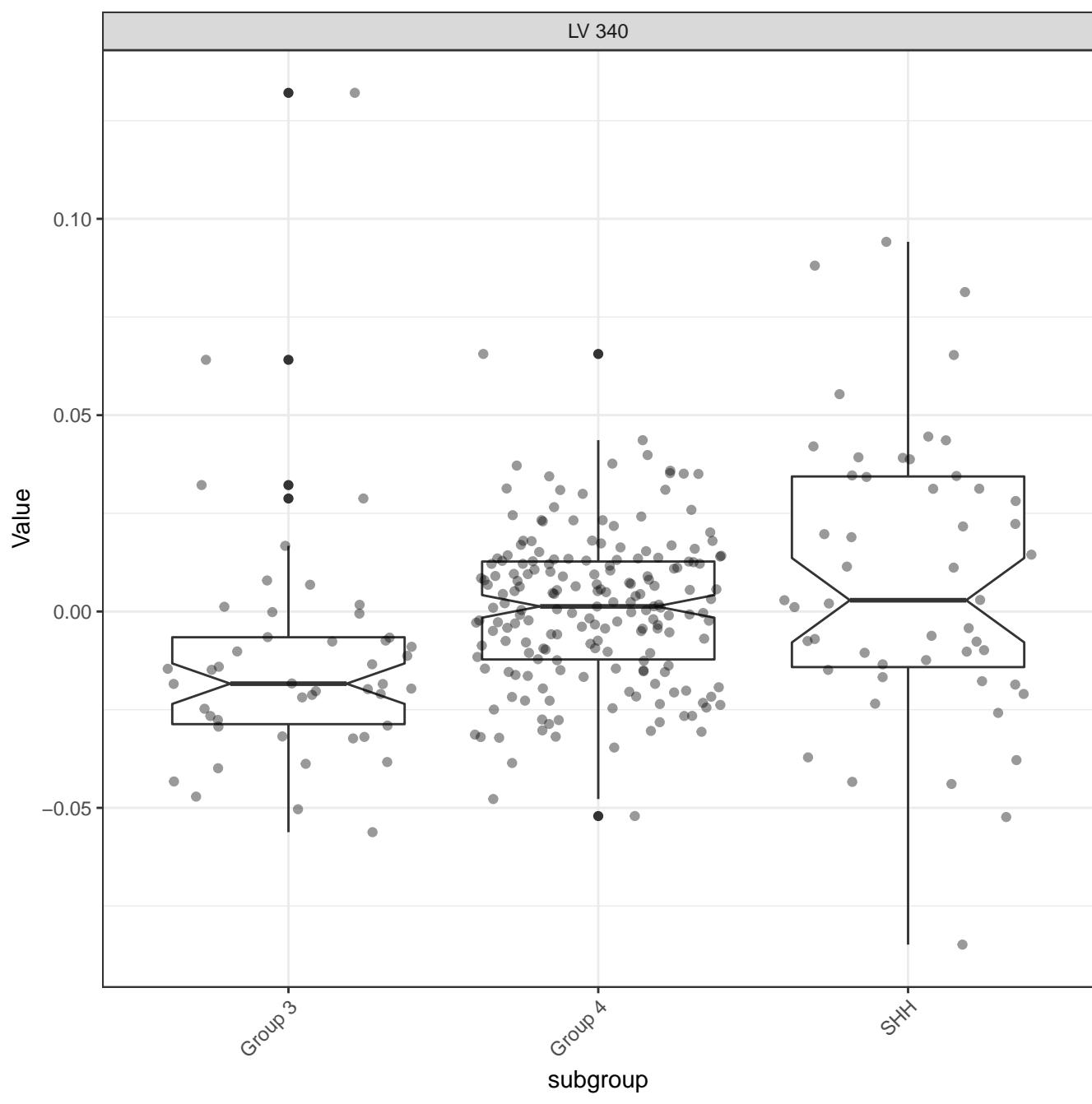
-0.05

Group 3

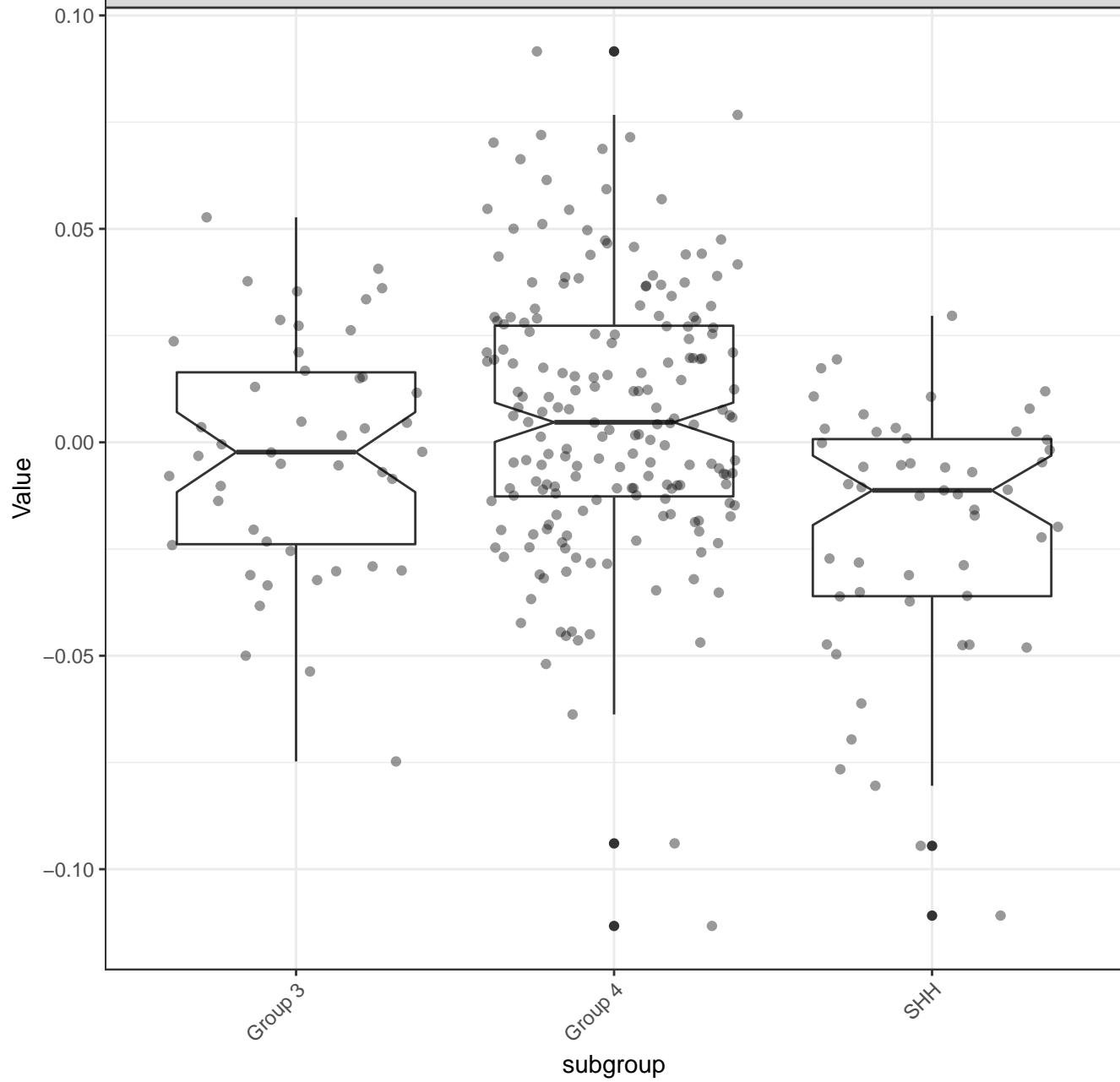
subgroup

SHH





LV 341



LV 342

Value

0.04

0.00

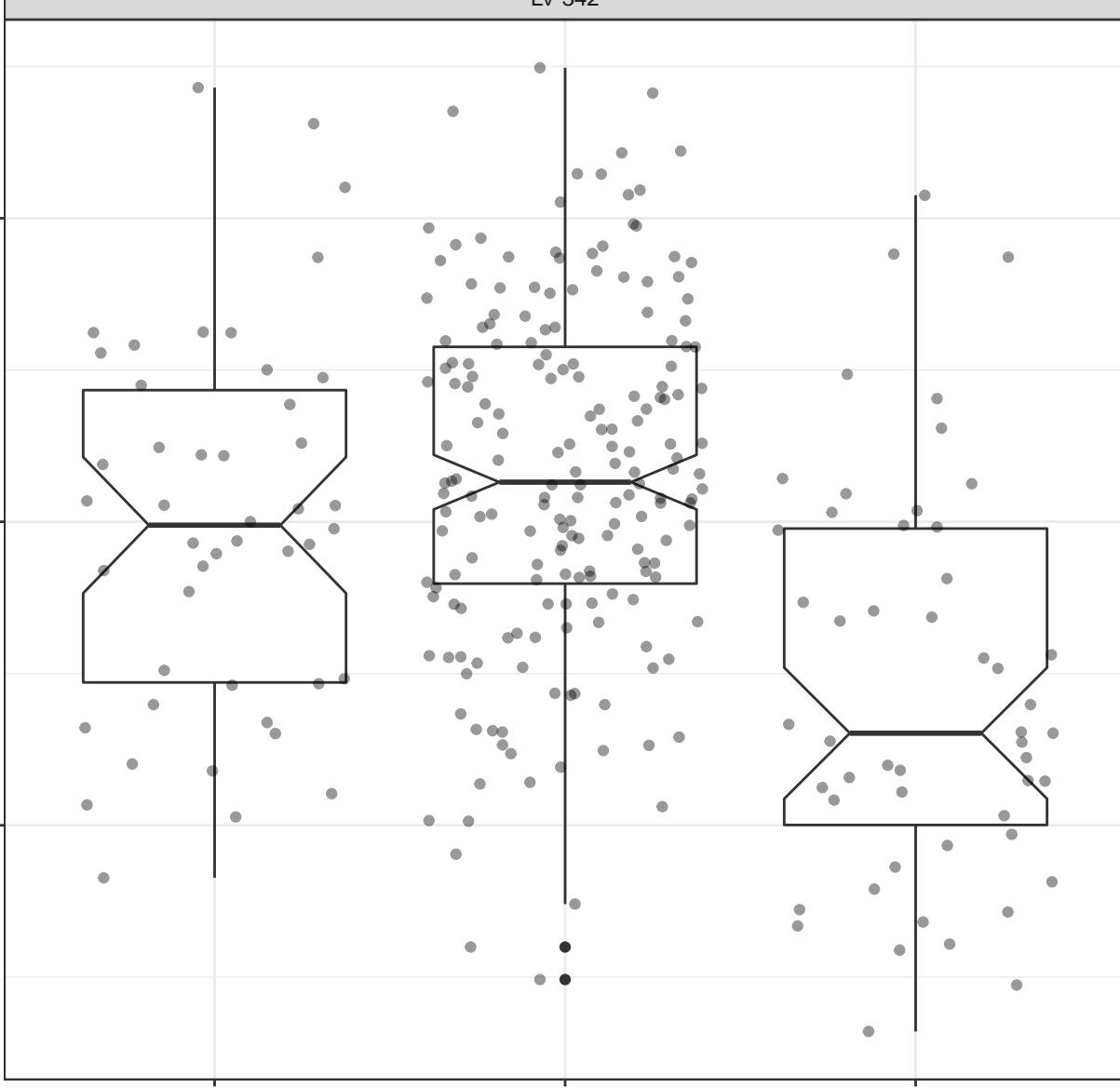
-0.04

Group 3

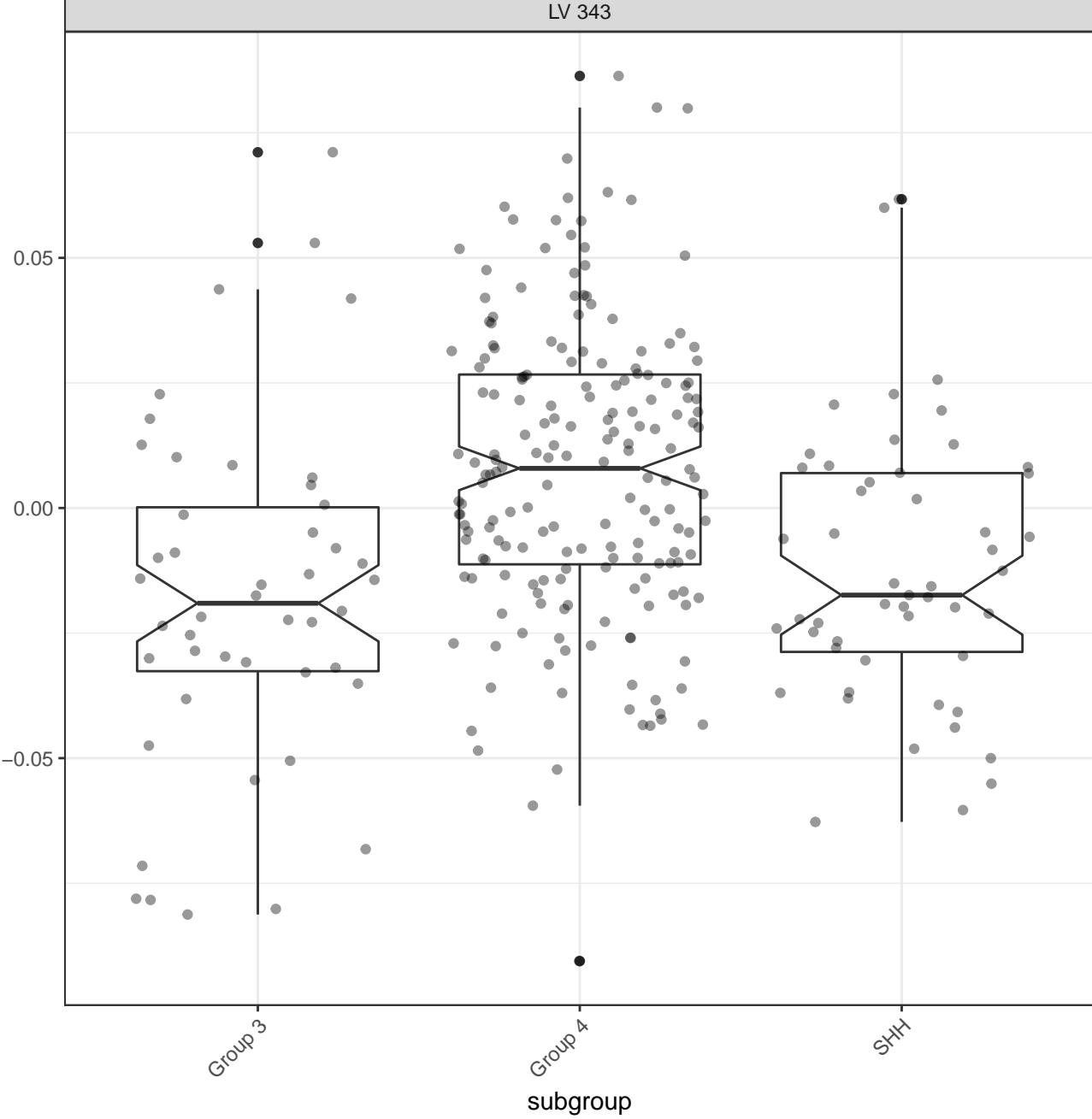
Group 4

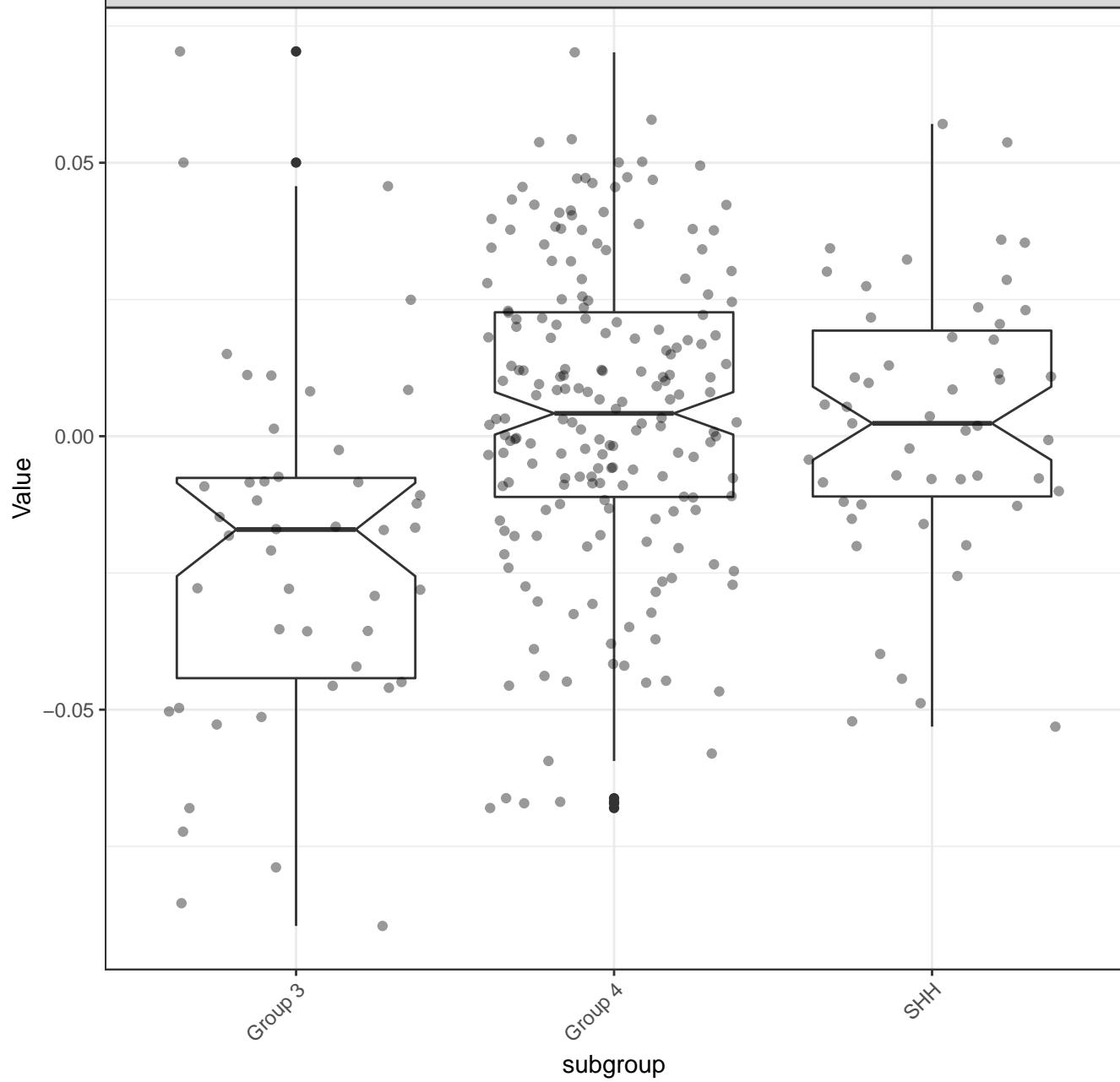
SHH

subgroup



Value





LV 345

Value

0.10

0.05

0.00

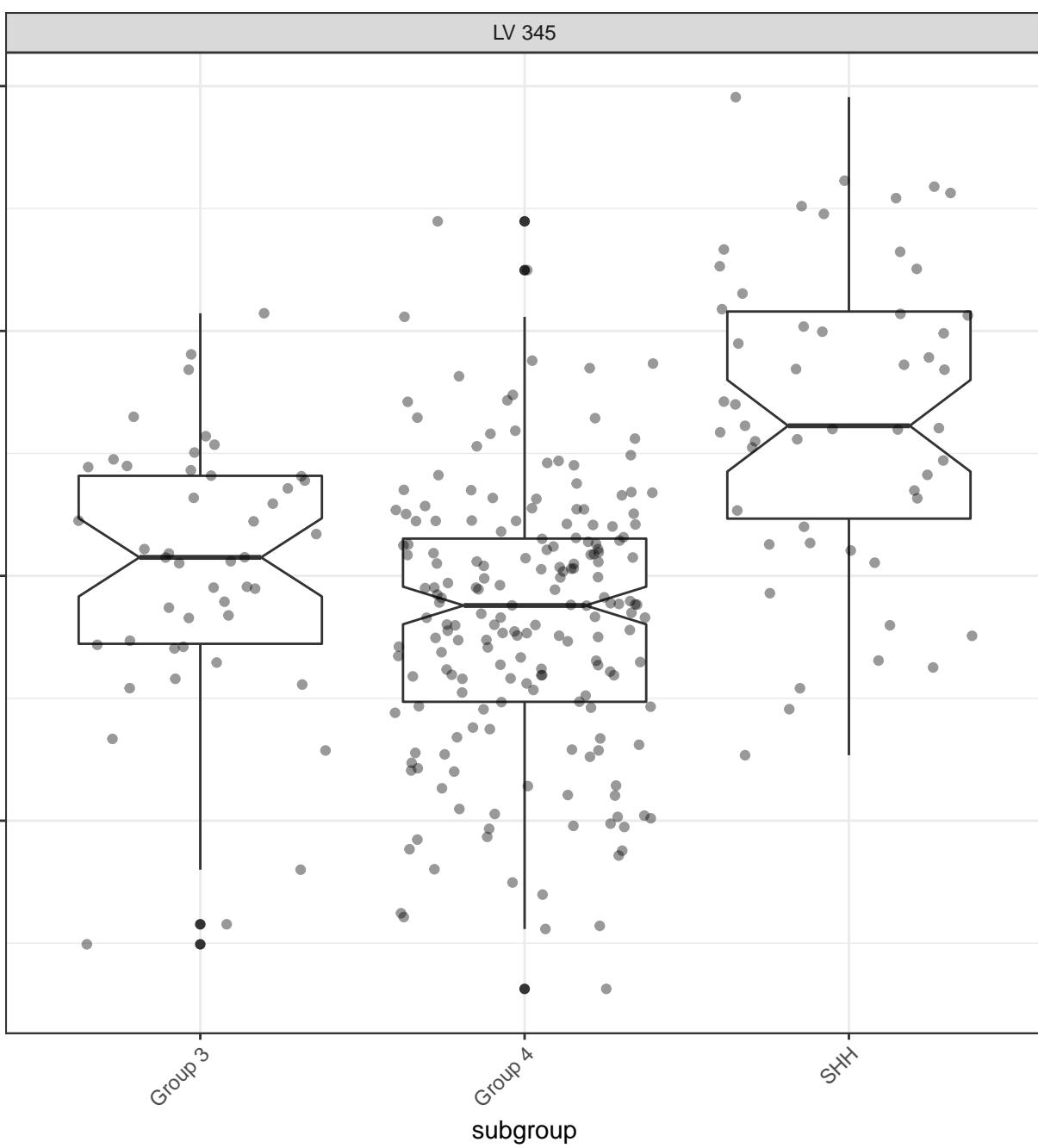
-0.05

Group 3

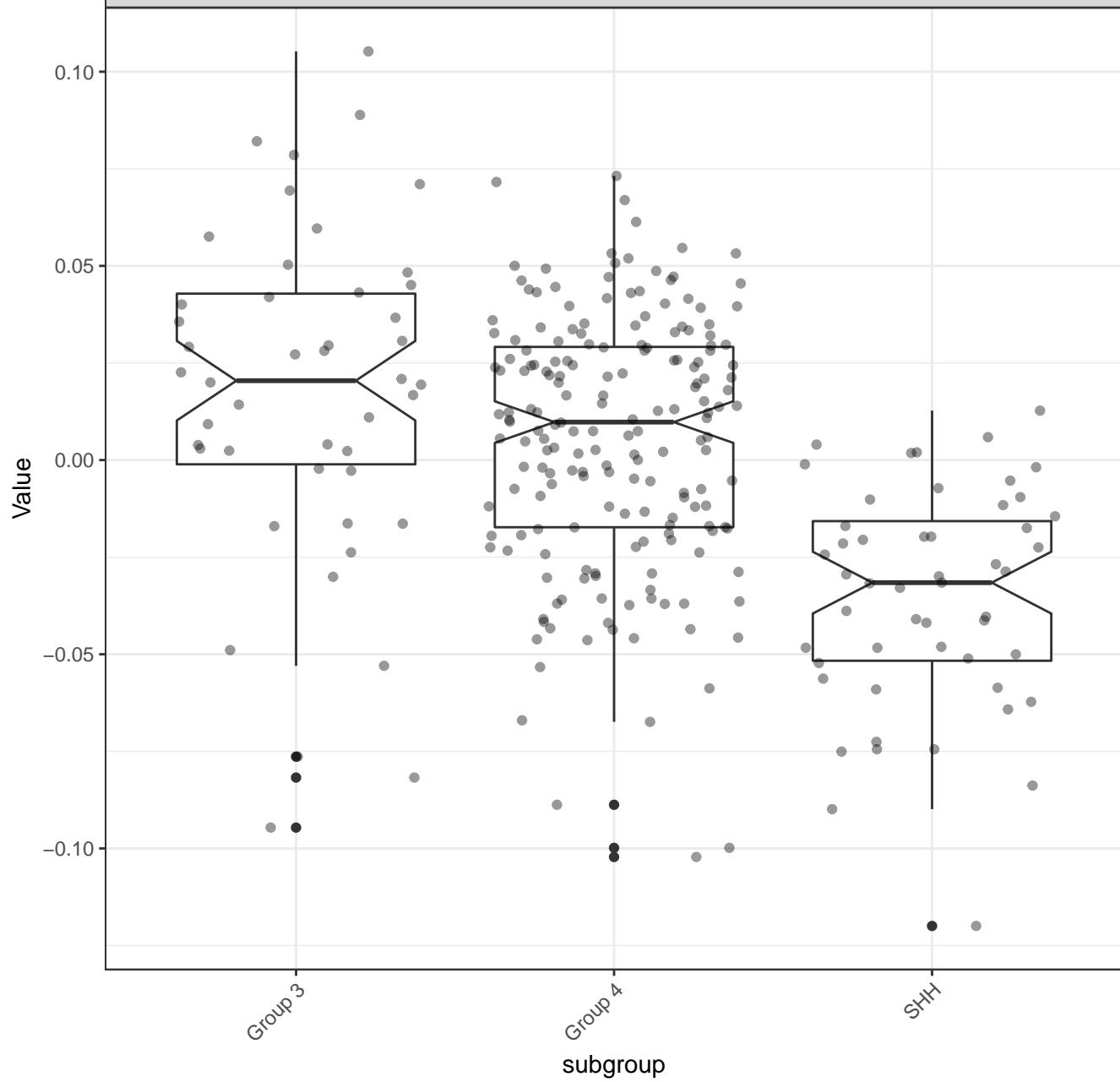
Group 4

SHH

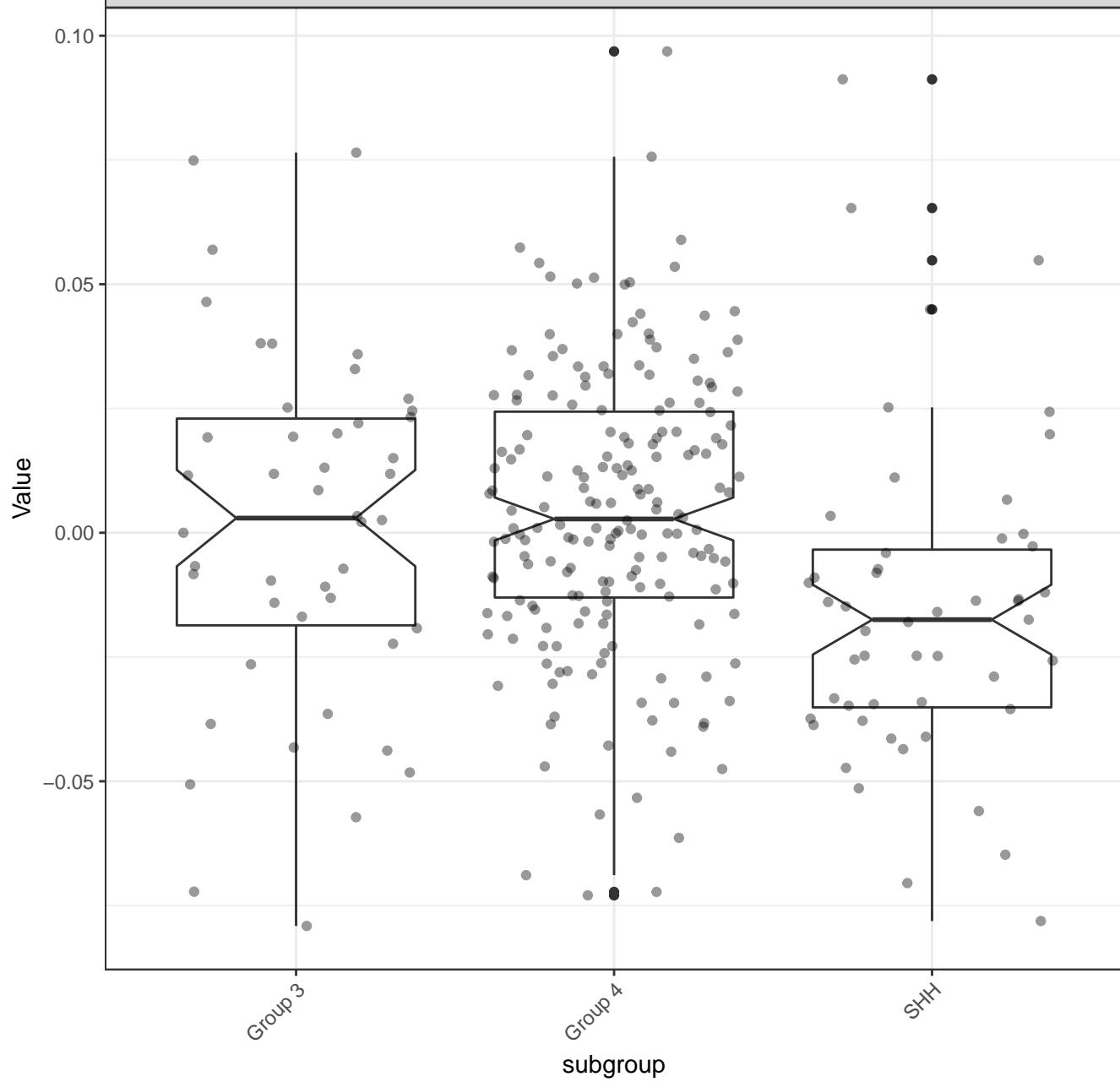
subgroup



LV 346



LV 347



LV 348

Vvalue

0.10

0.05

0.00

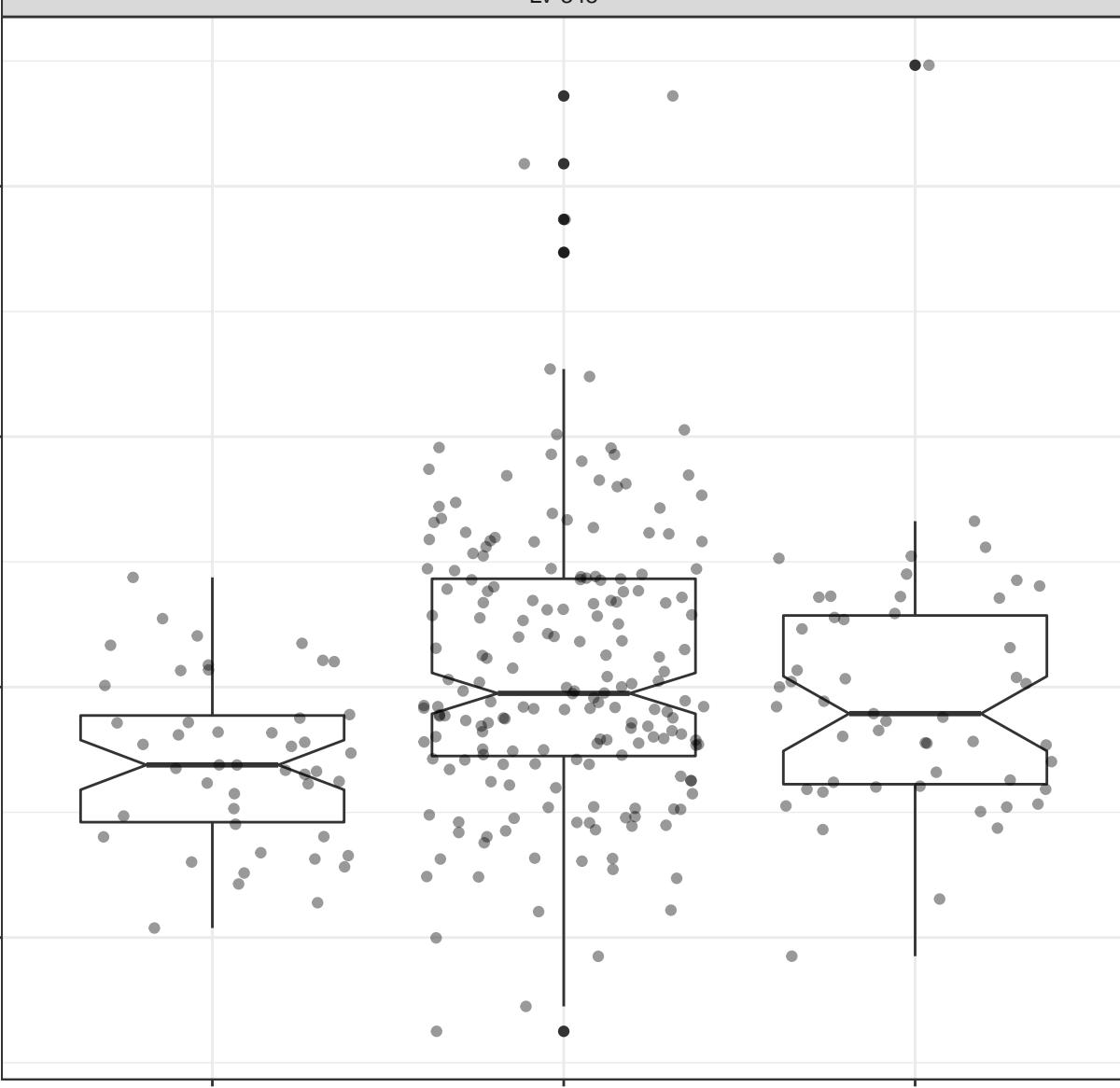
-0.05

Group 3

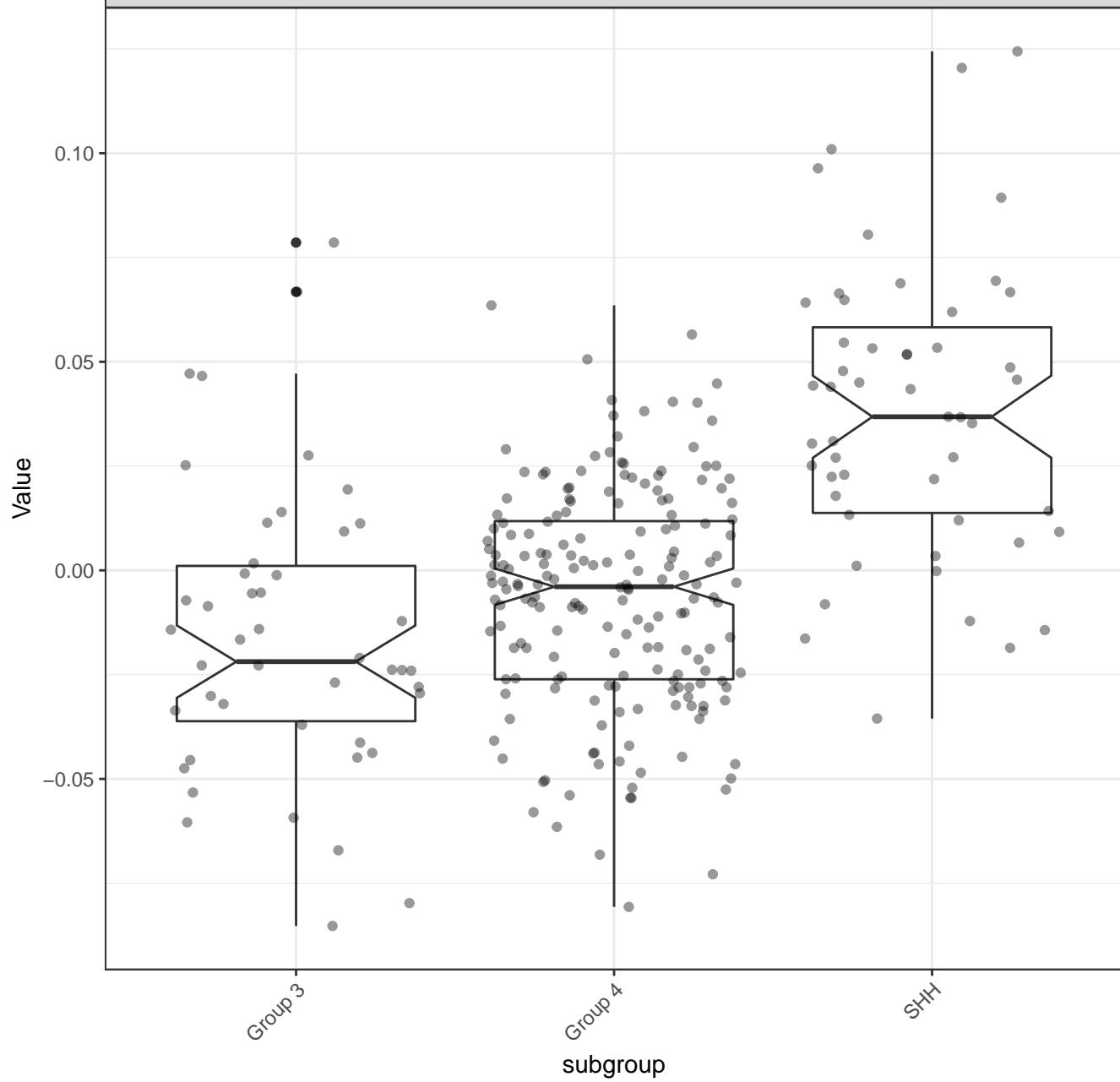
Group 4

SHH

subgroup



LV 349



LV 350

Value

0.05

0.00

-0.05

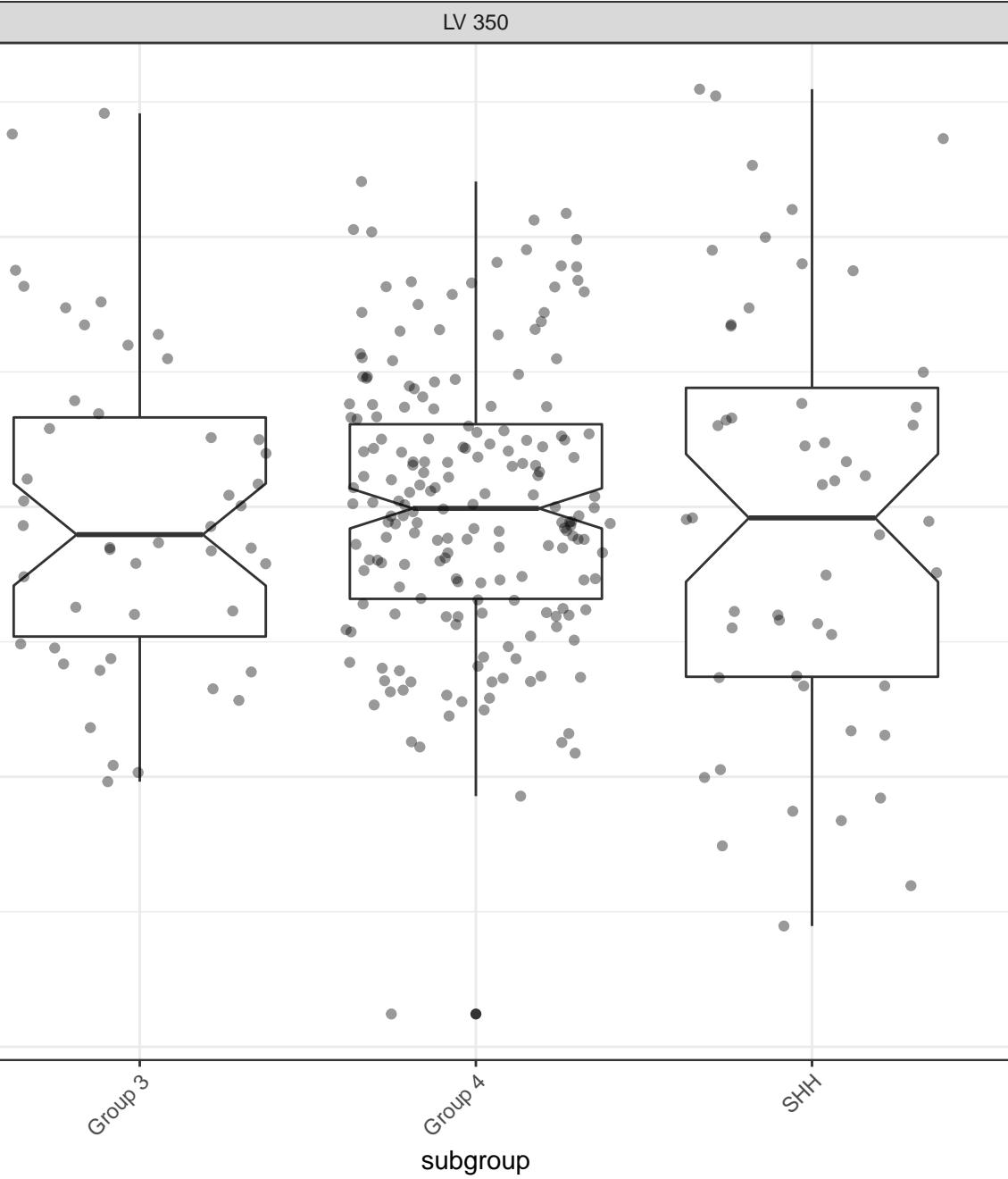
-0.10

Group 3

Group 4

SHH

subgroup



LV 351

Value

0.10

0.05

0.00

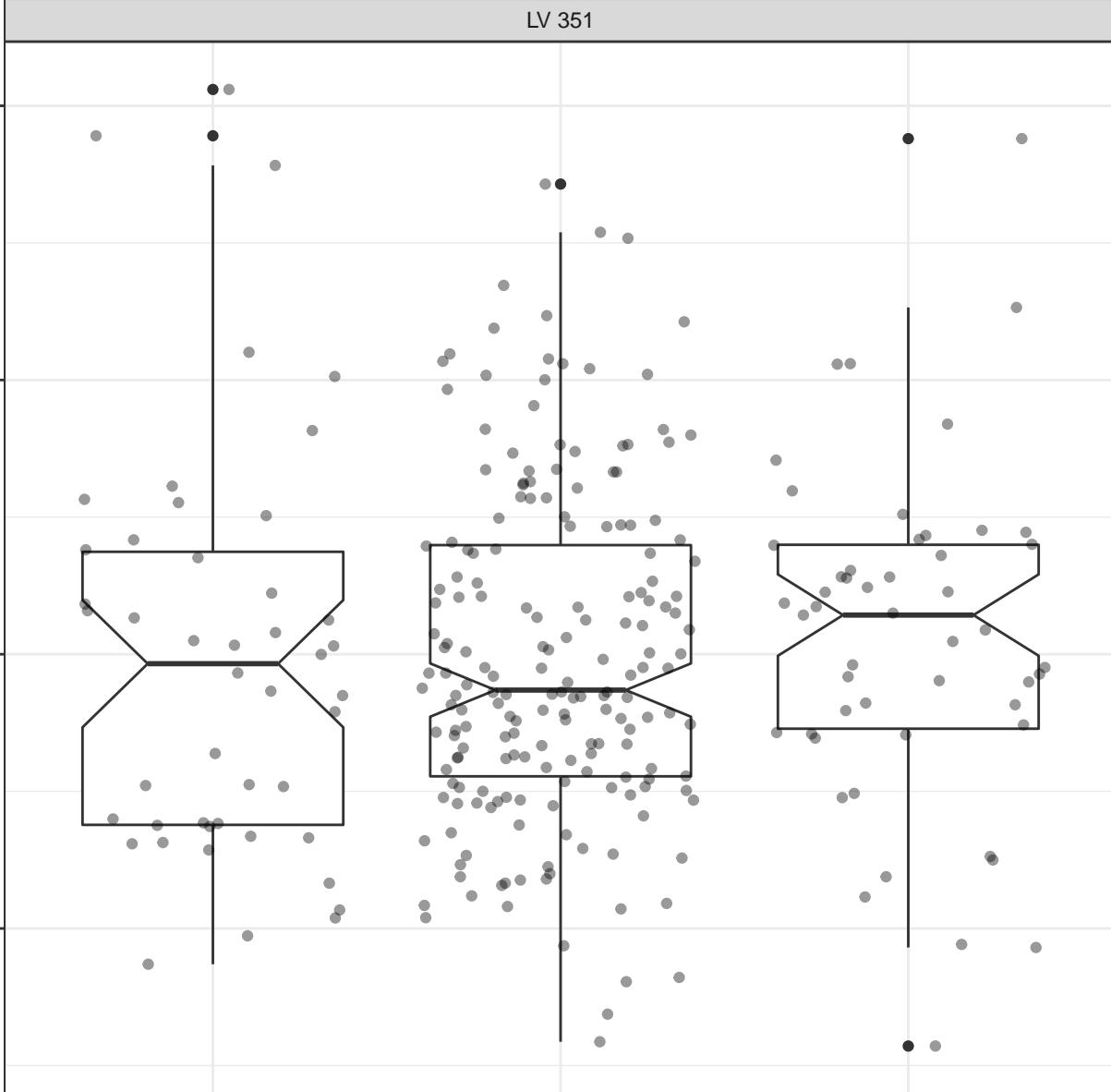
-0.05

Group 3

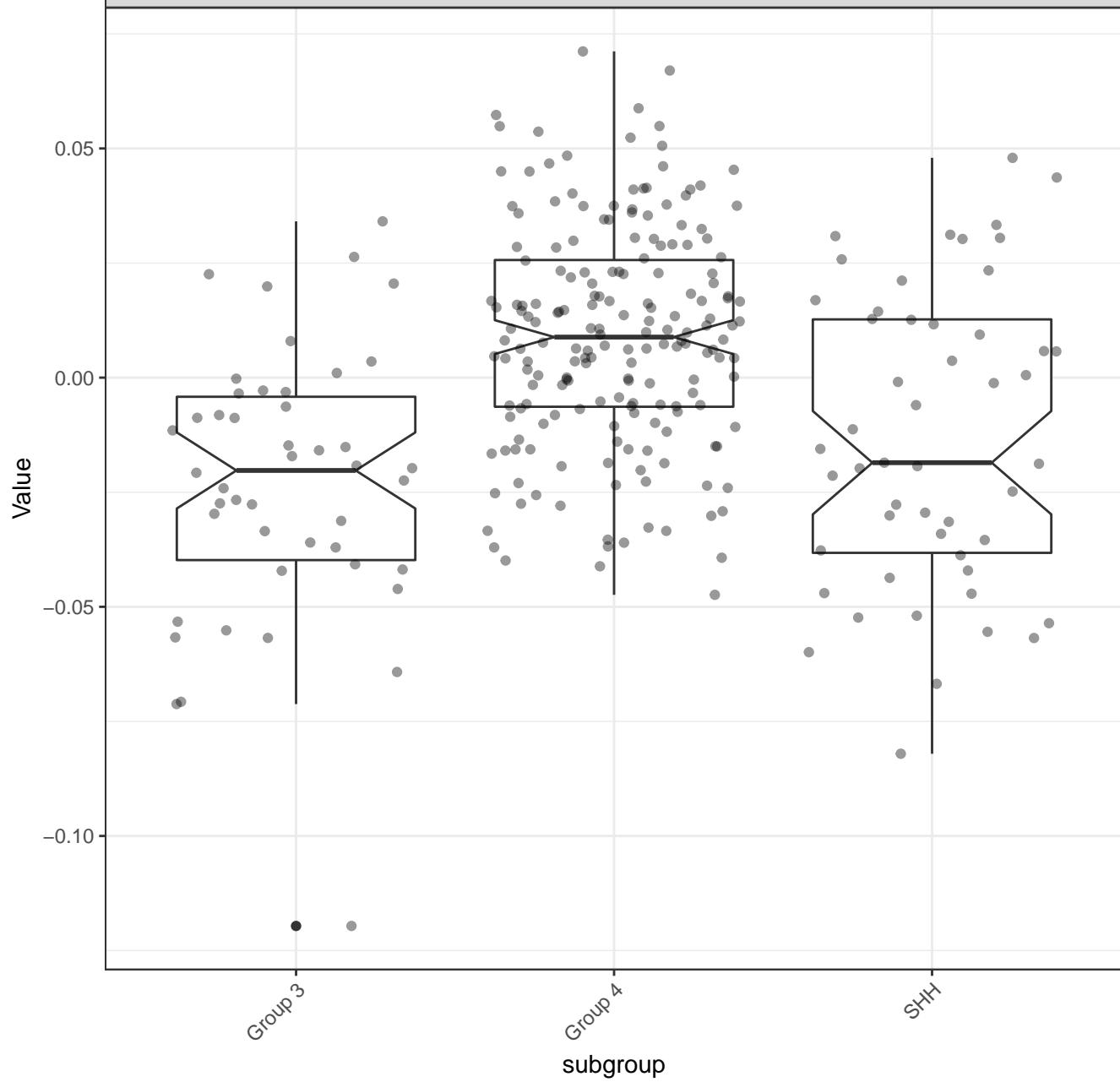
subgroup

Group 4

SHH



LV 352



LV 353

Value

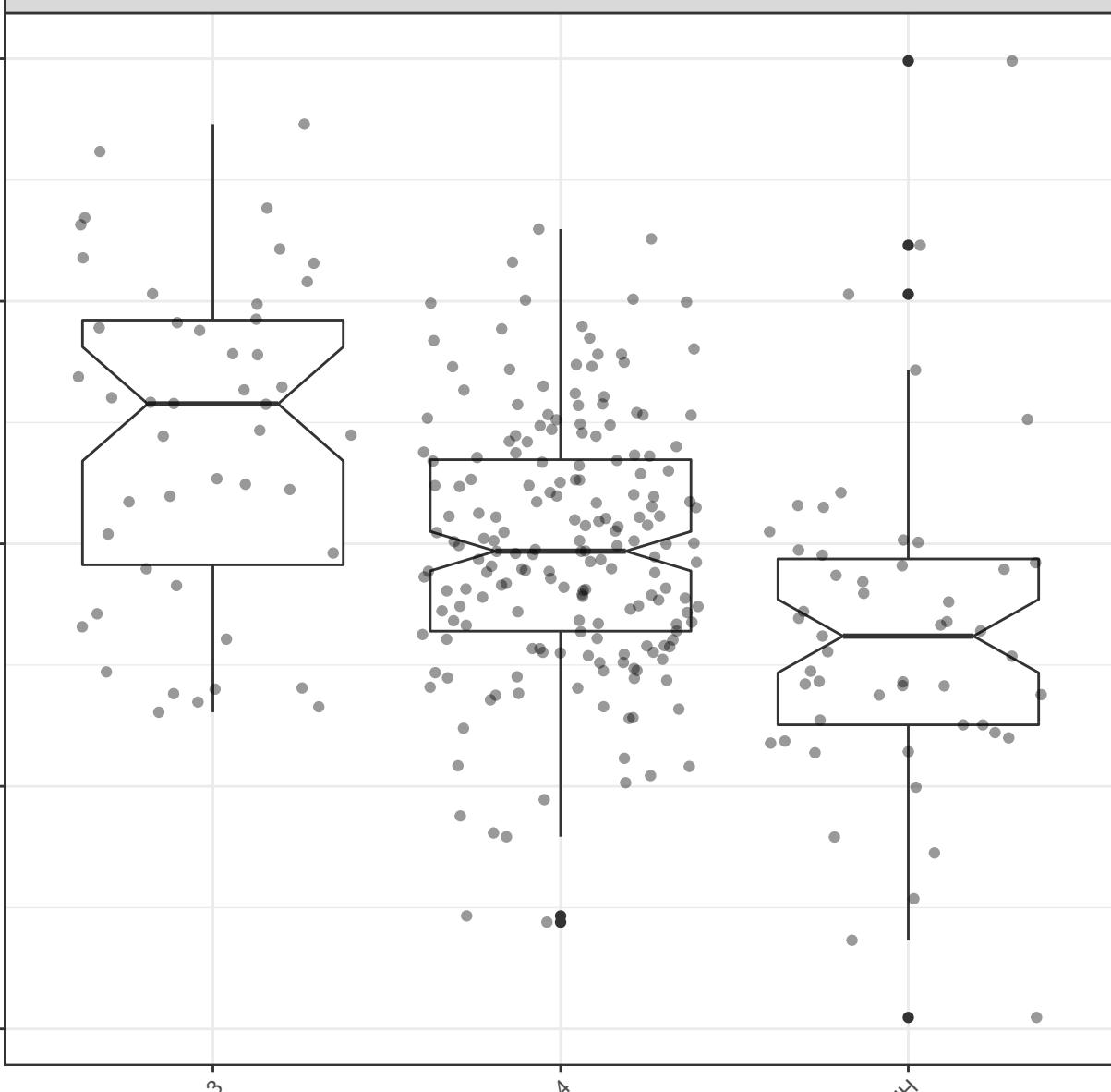
0.10
0.05
0.00
-0.05
-0.10

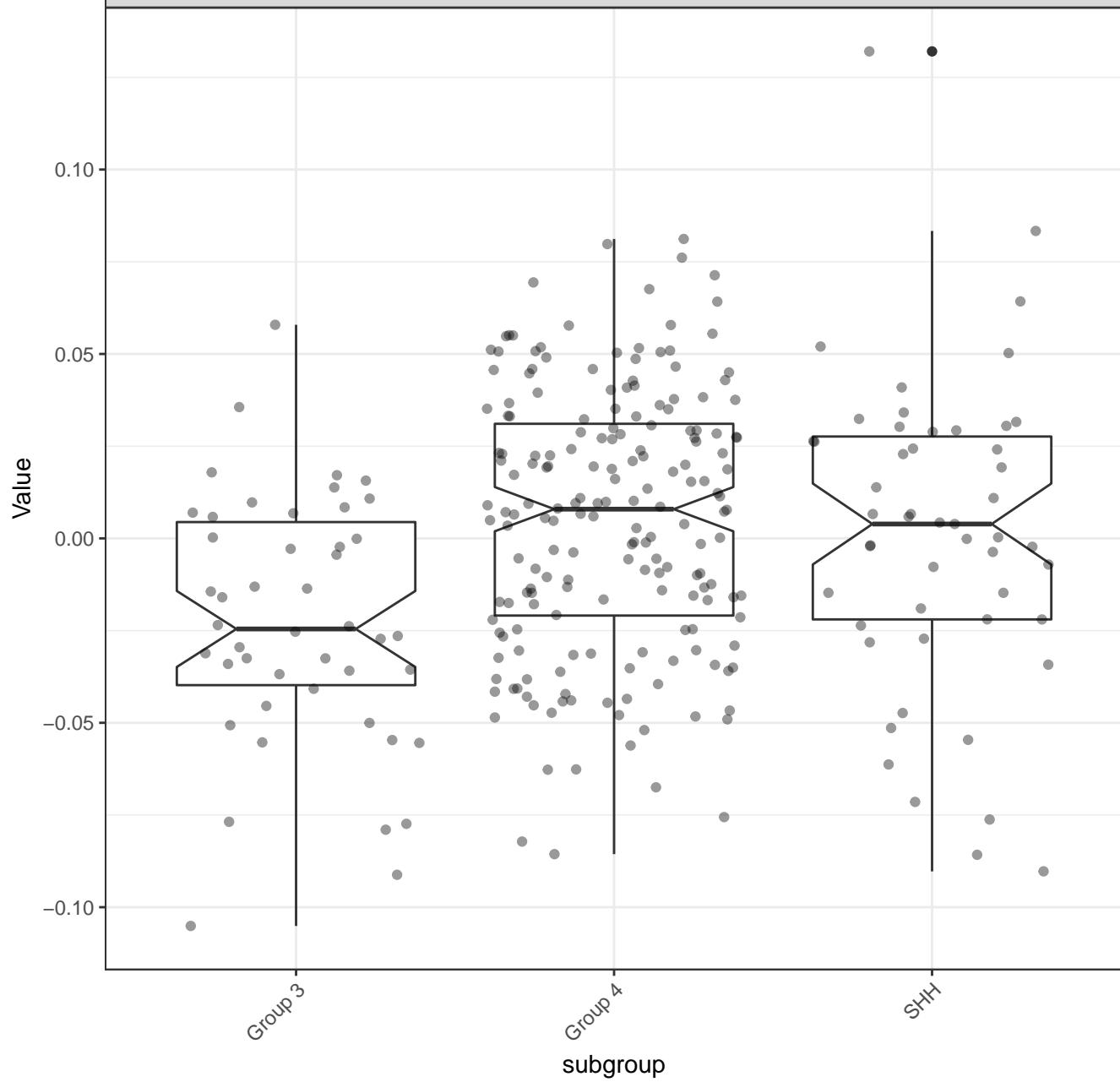
Group 3

Group 4

SHH

subgroup





LV 355

Value

0.10

0.05

0.00

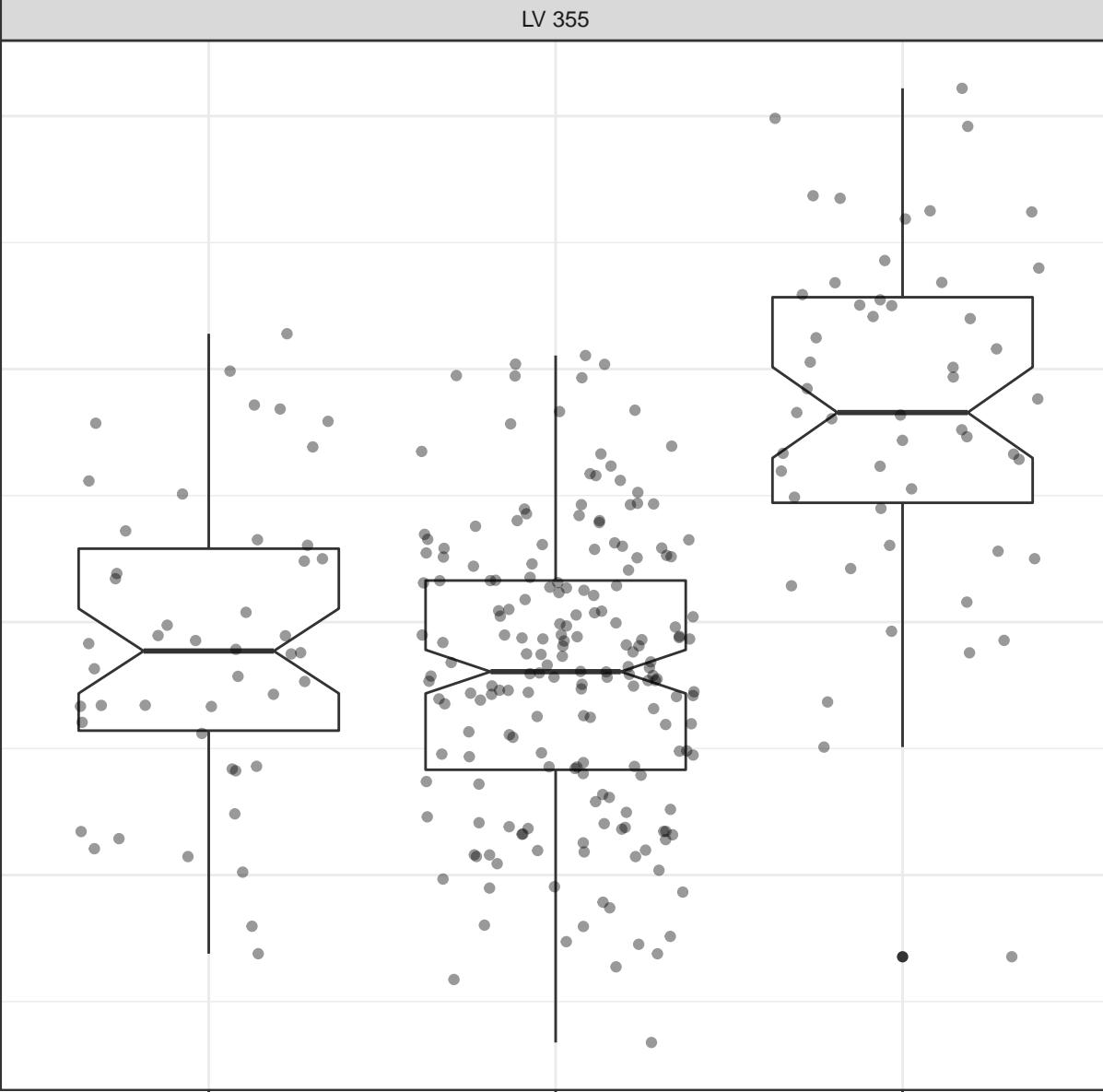
-0.05

Group 3

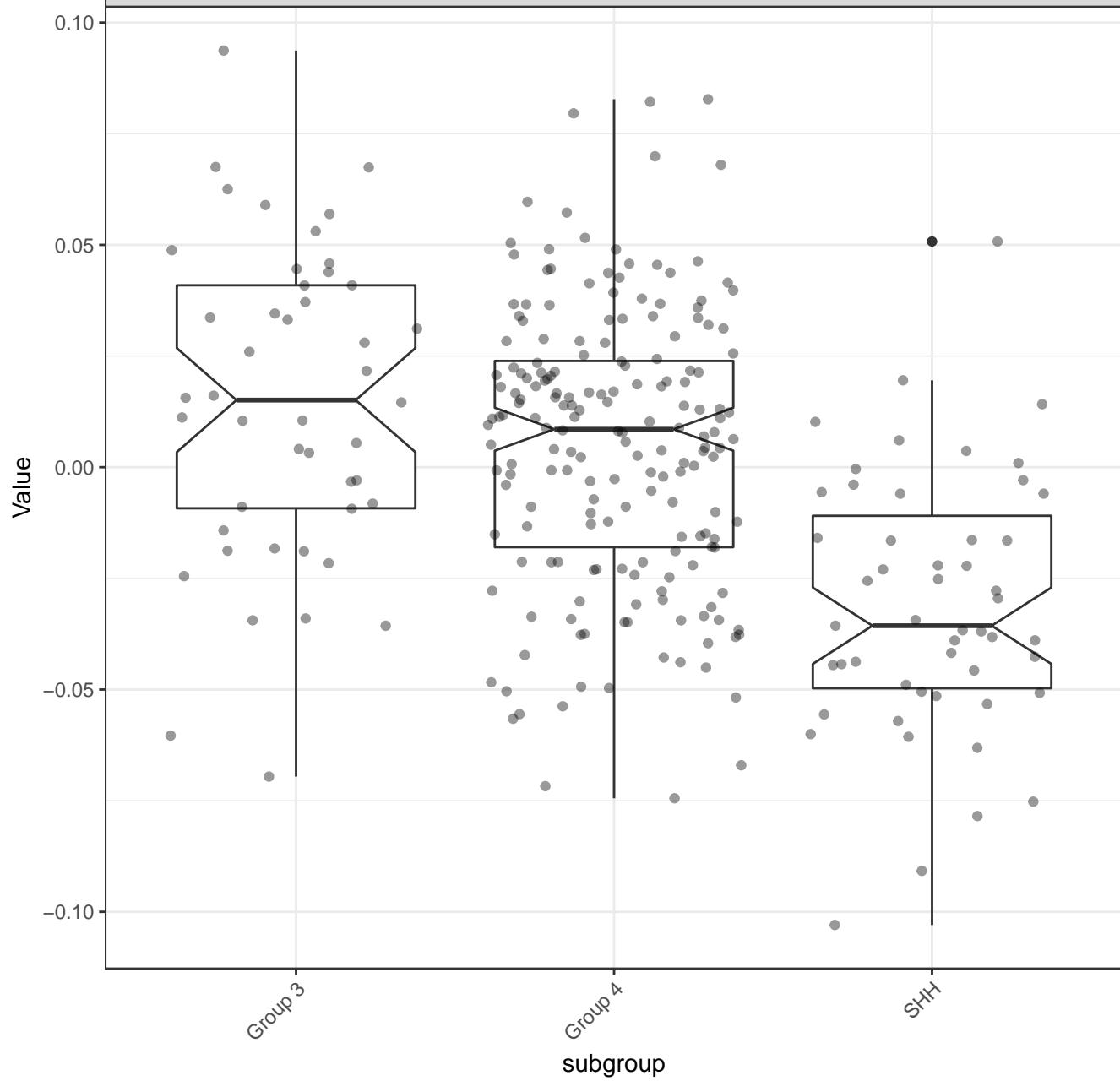
subgroup

Group 4

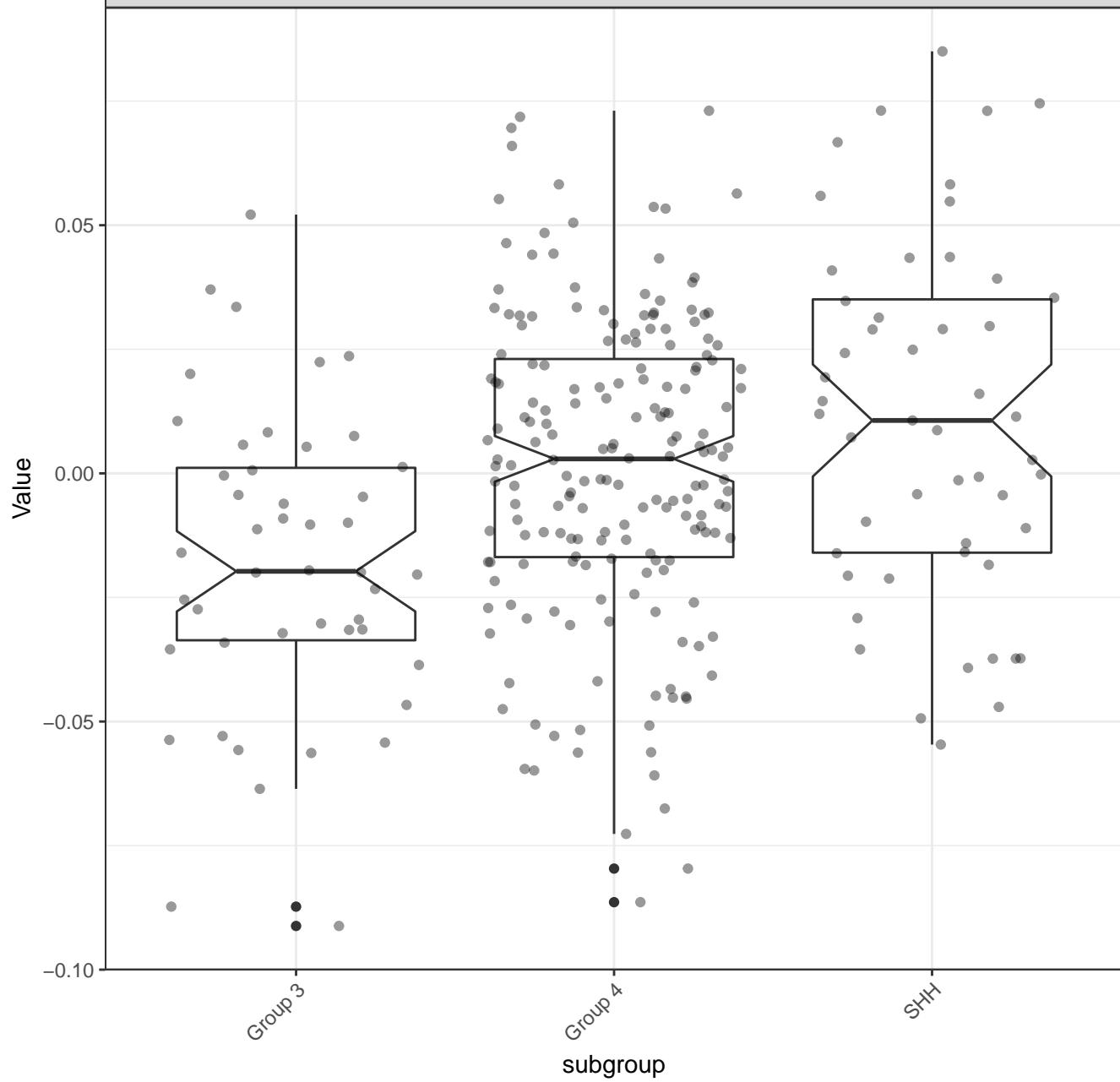
SHH



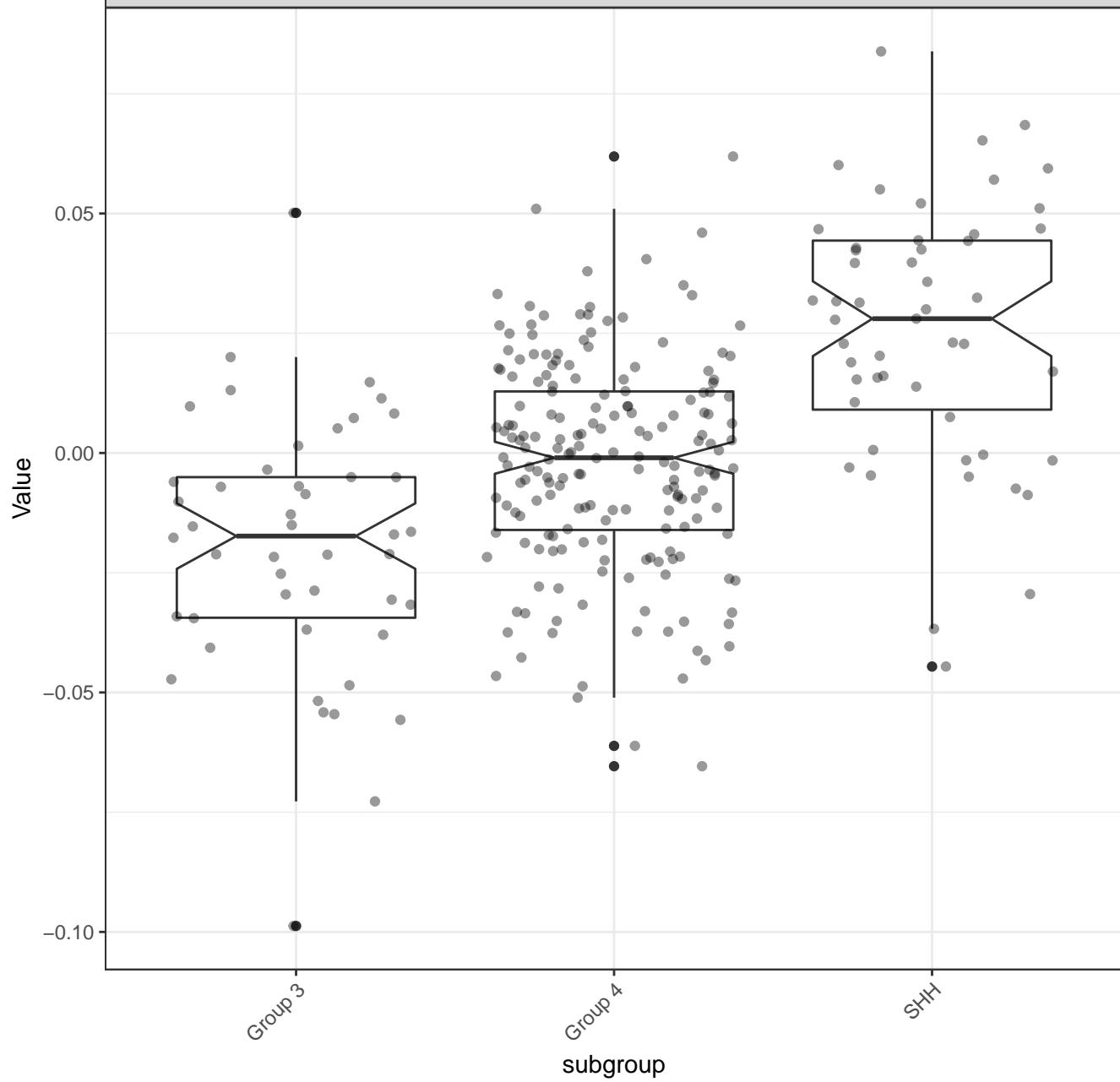
356,REACTOME_TRANSCRIPATIONAL_ACTIVITY_OF_SMAD2_SMAD3_SMAD4_HETEROTrIMER



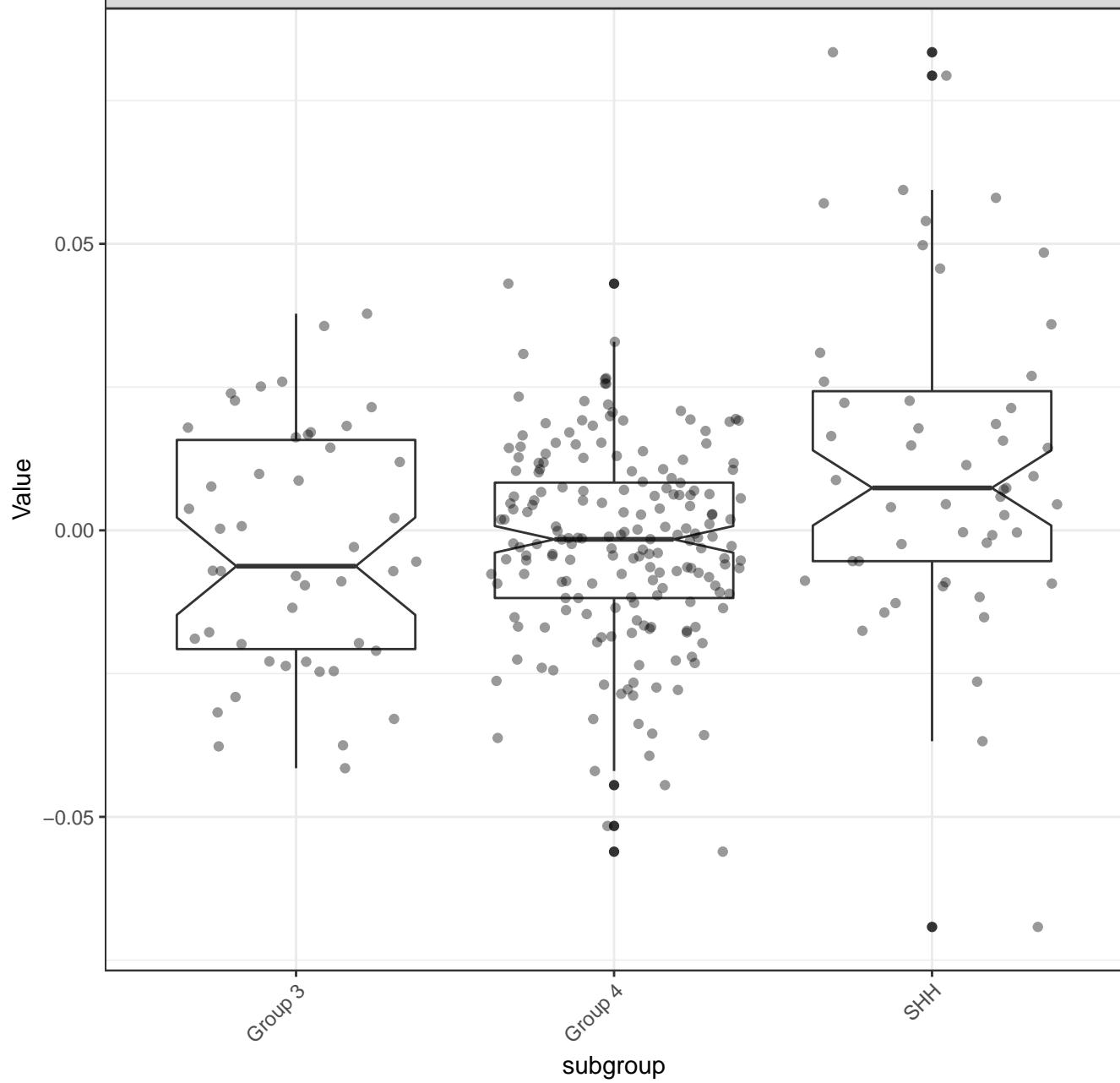
LV 357



LV 358



LV 359



LV 360

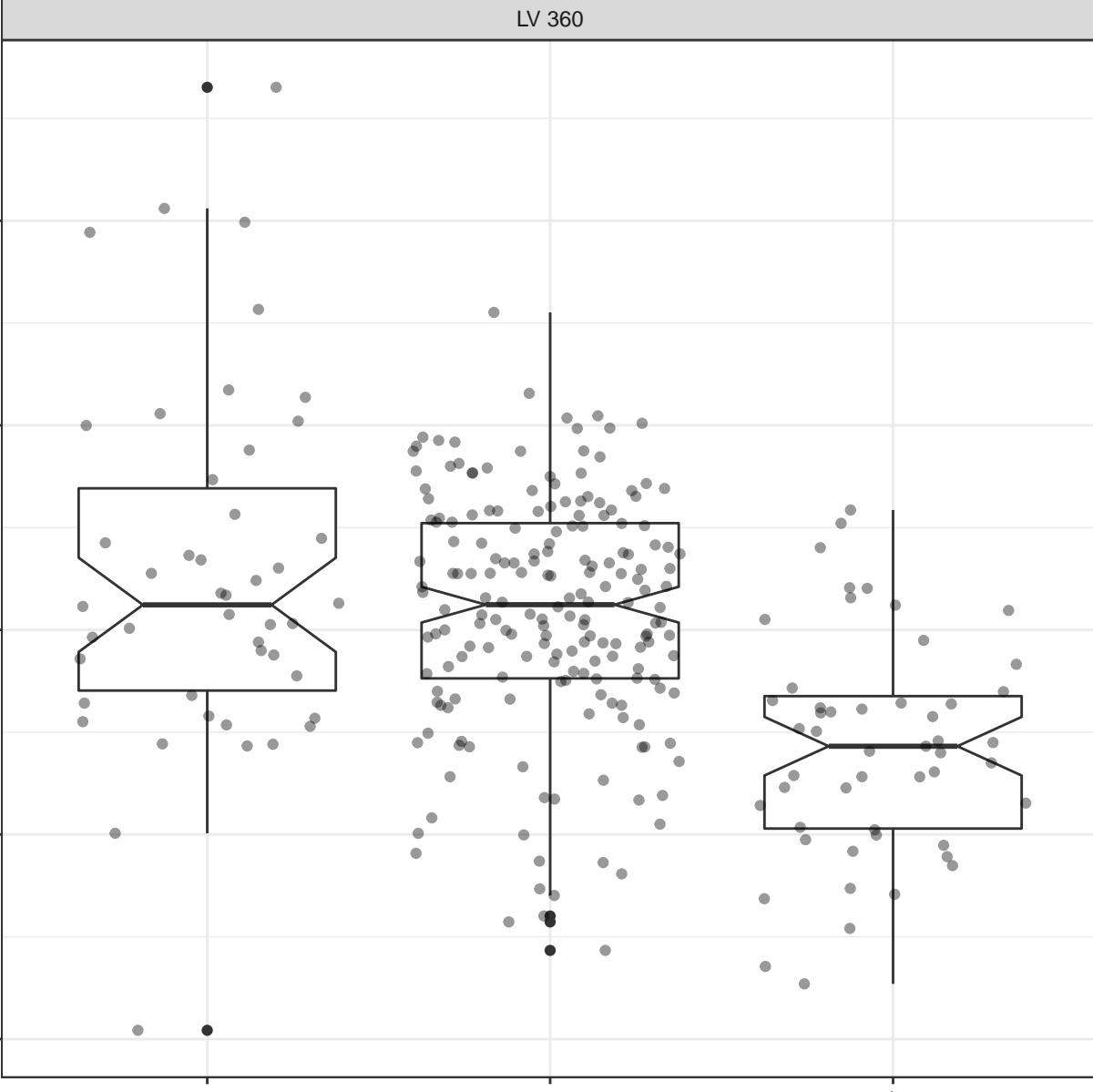
Value

0.10
0.05
0.00
-0.05
-0.10

Group 3

subgroup

SHH



LV 361

Value

0.2

0.1

0.0

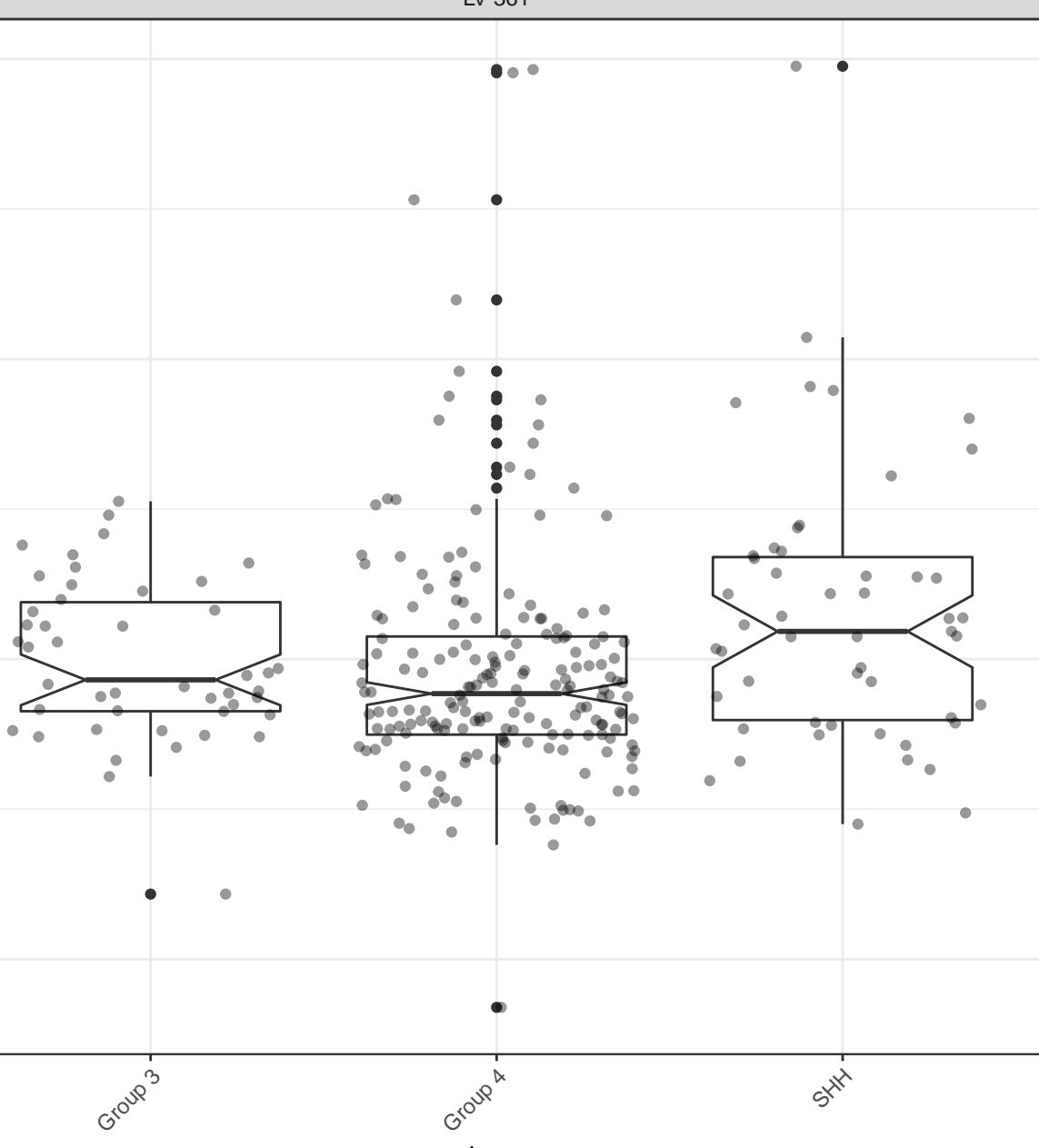
-0.1

Group 3

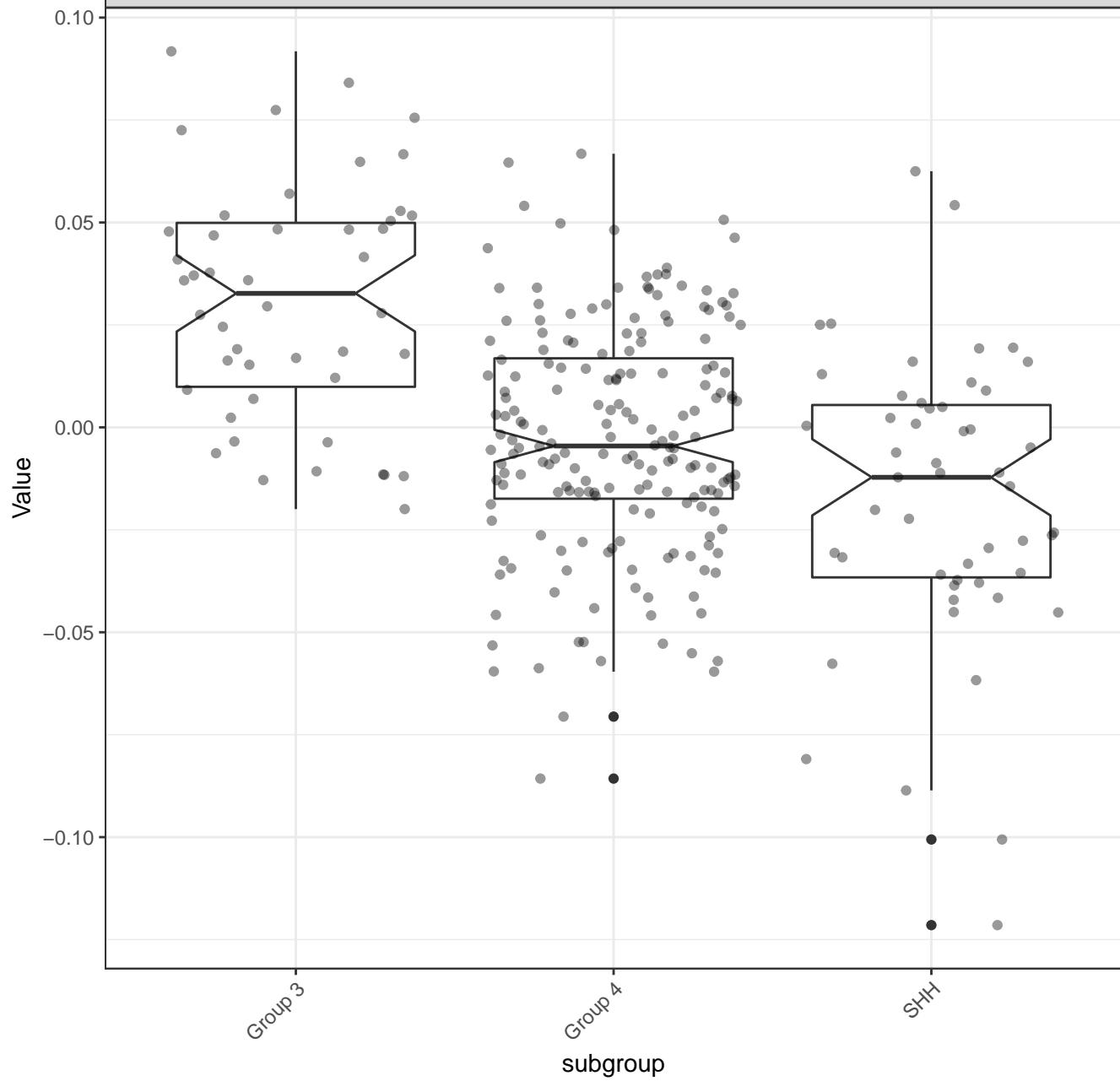
Group 4

SHH

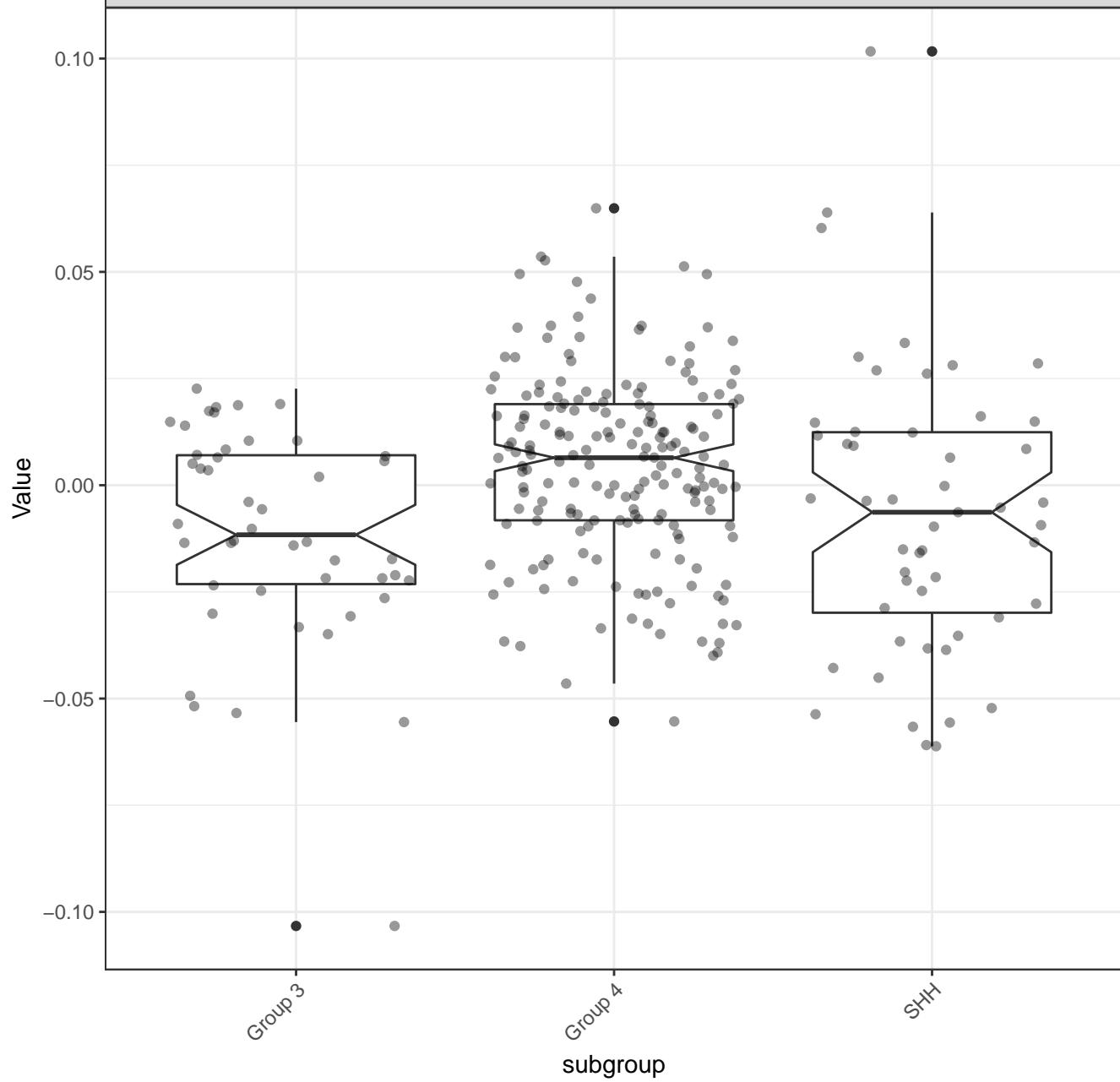
subgroup



LV 362



LV 363



LV 364

Value

0.10

0.05

0.00

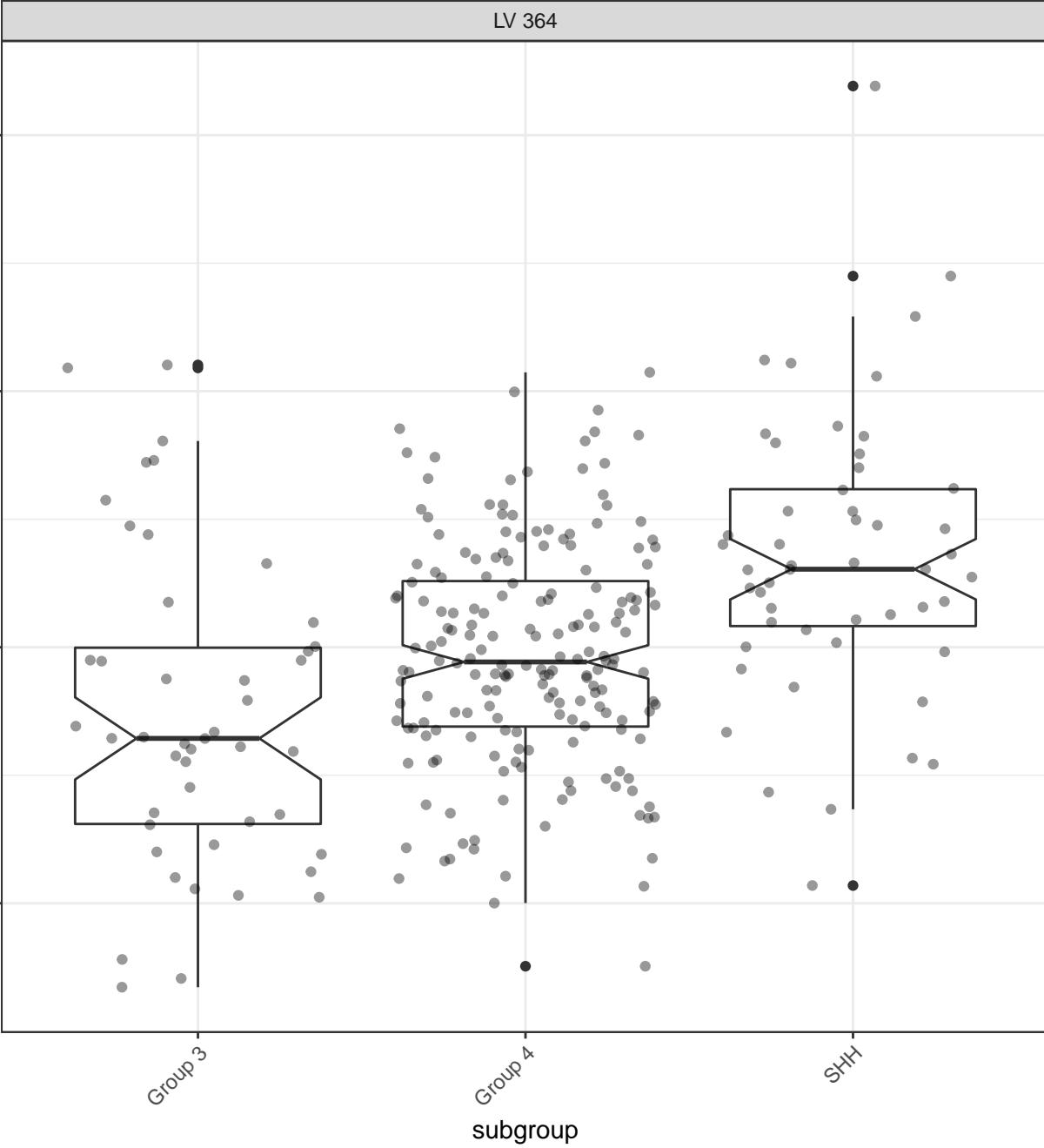
-0.05

Group 3

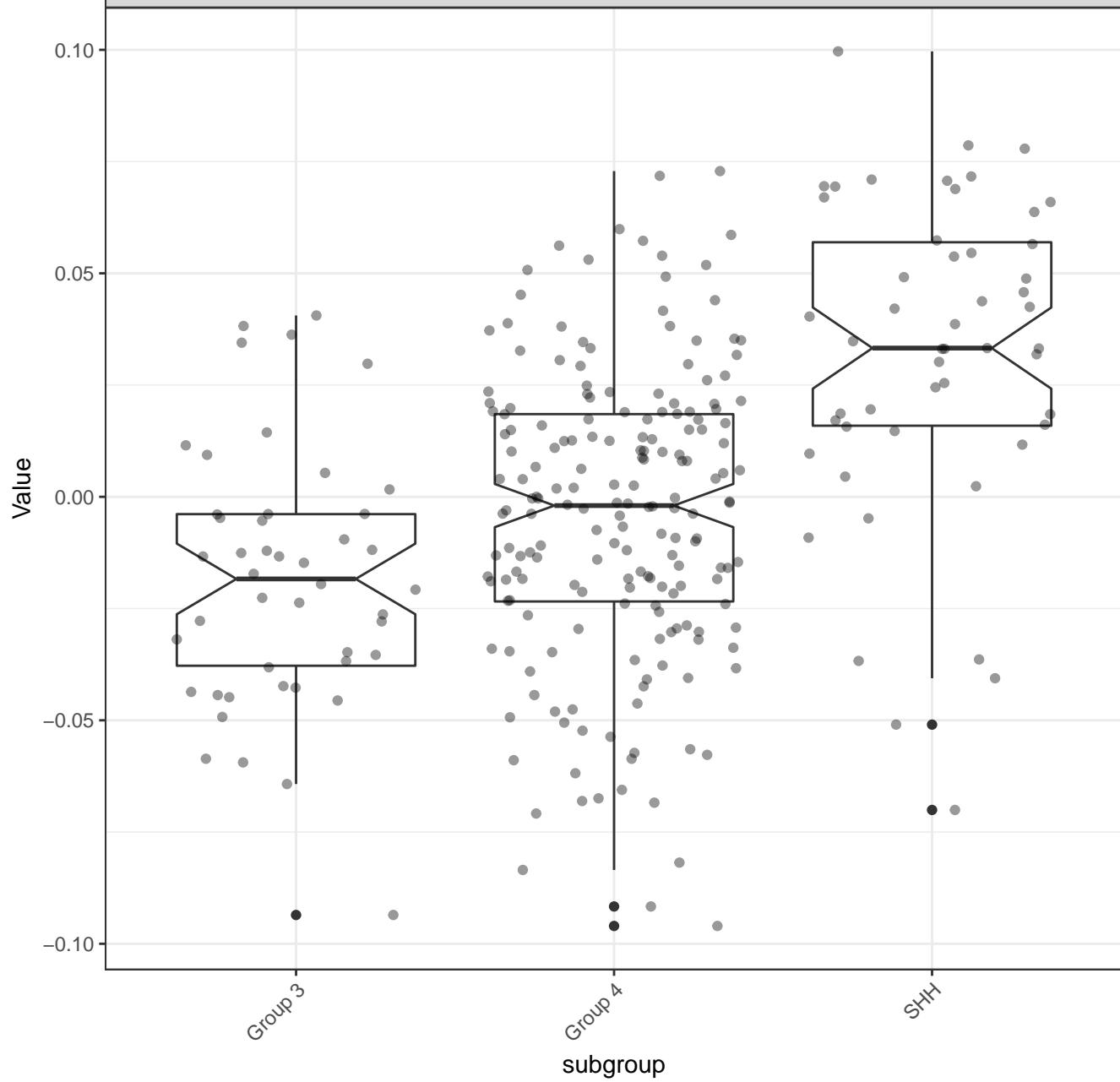
subgroup

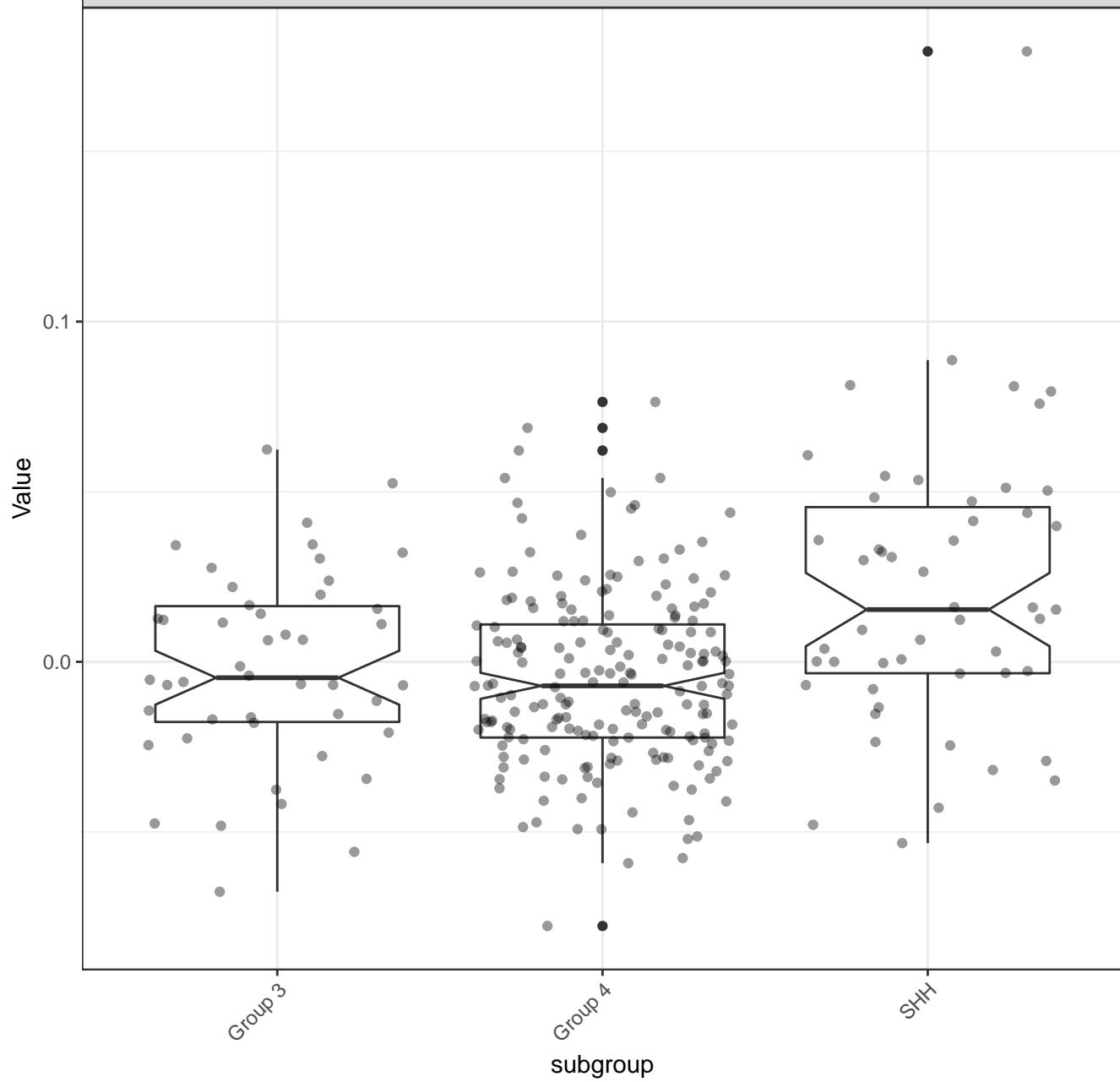
Group 4

SHH

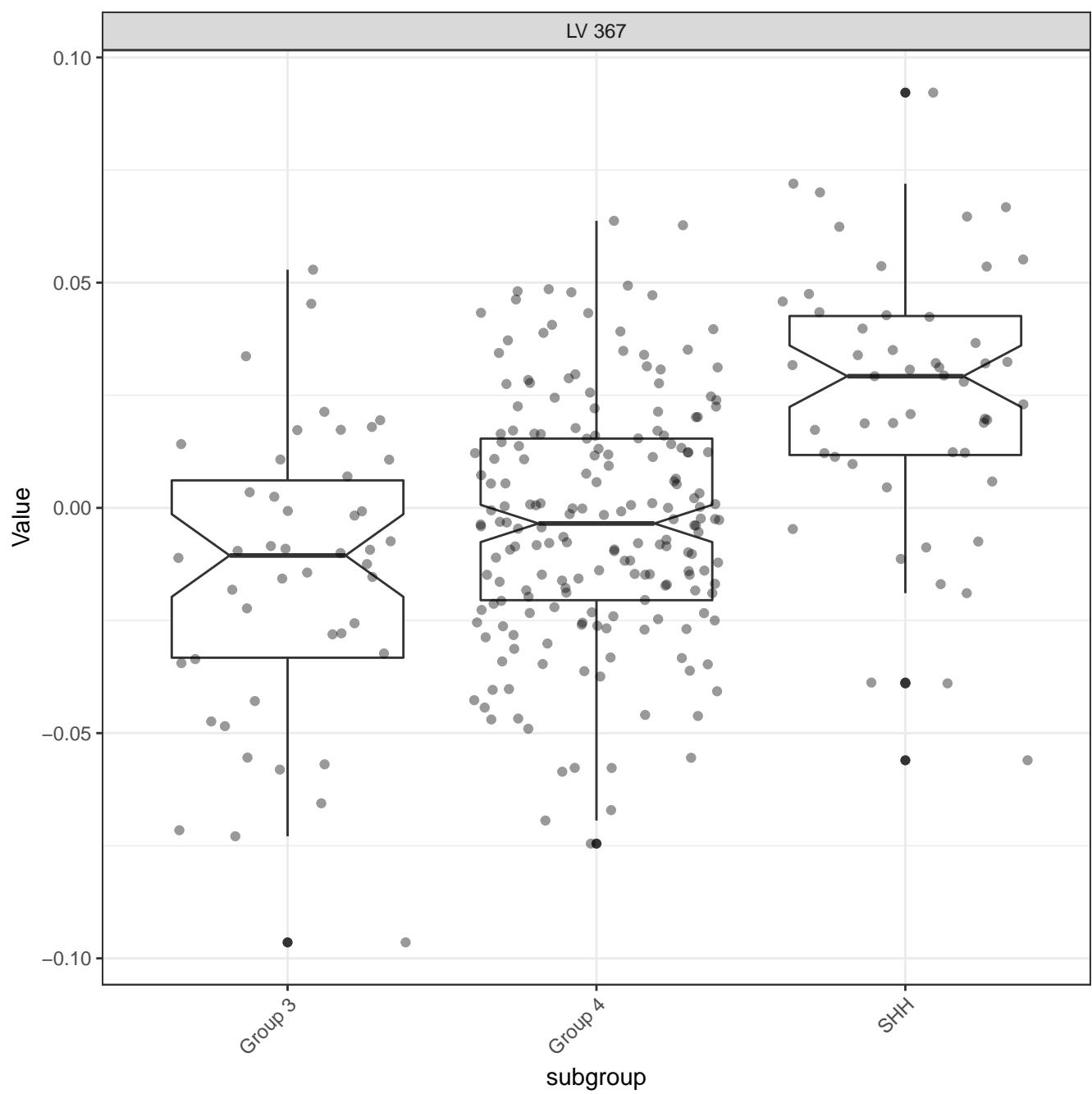


LV 365





LV 367



LV 368

Value

0.10

0.05

0.00

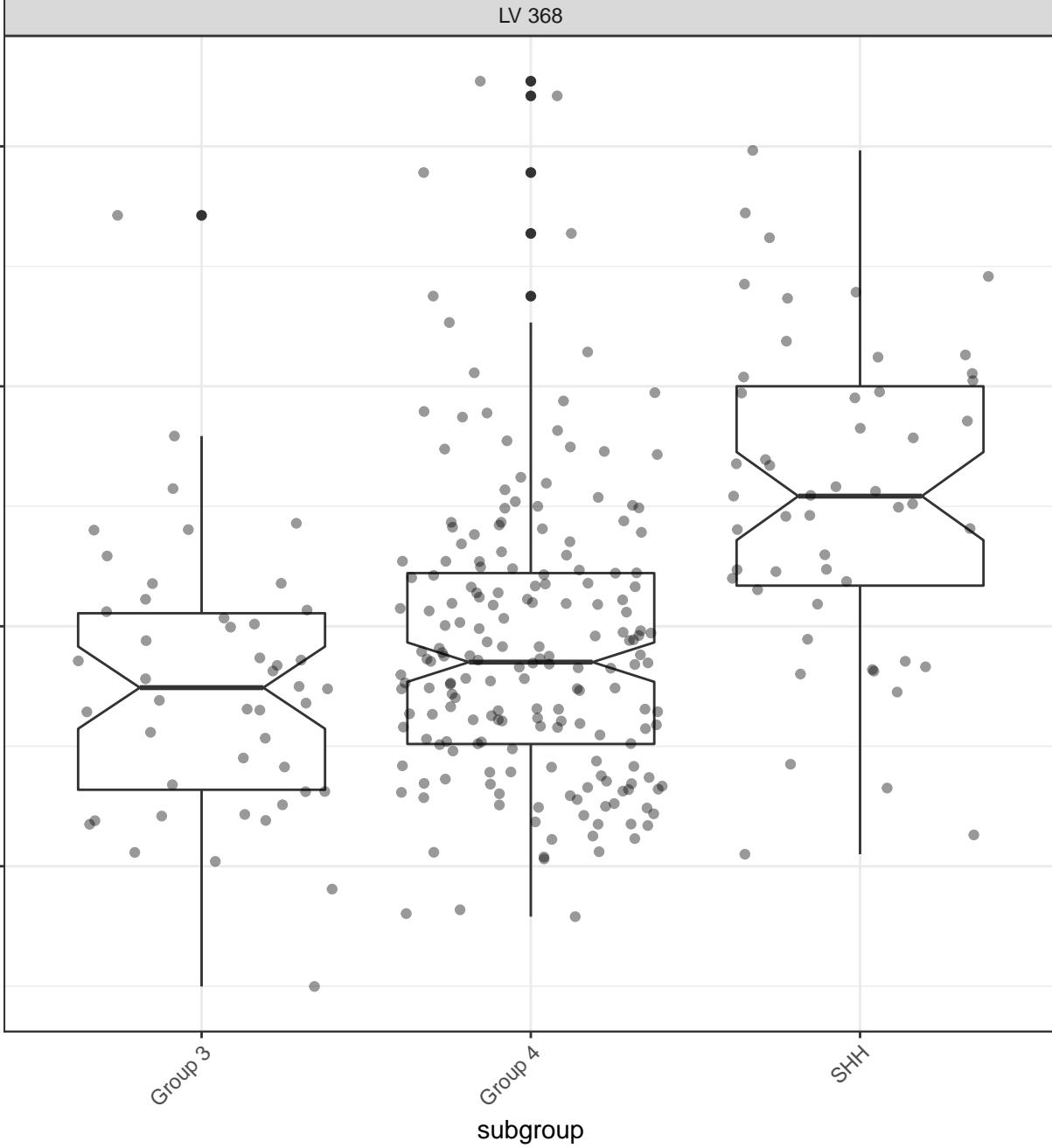
-0.05

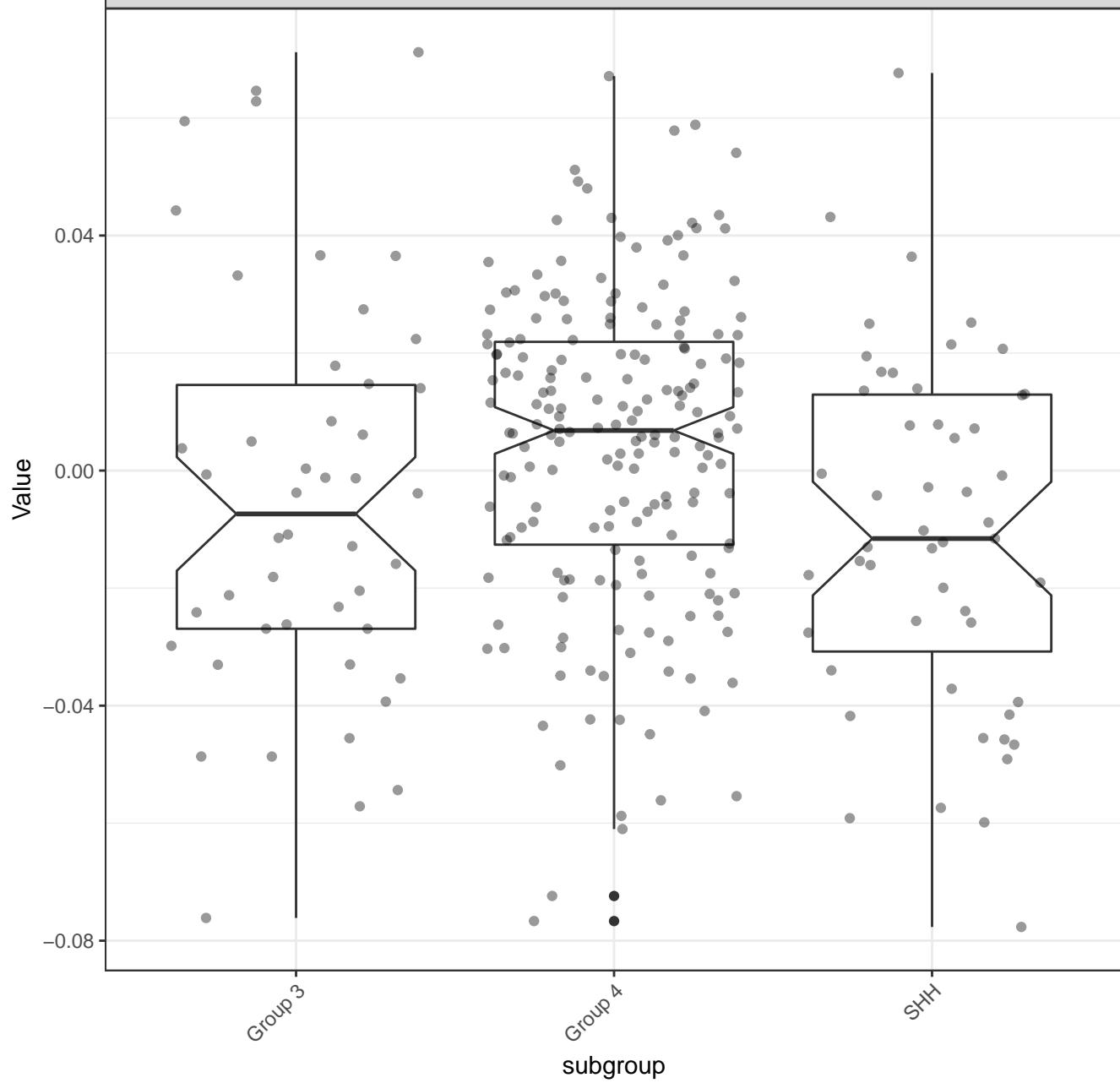
Group 3

Group 4

SHH

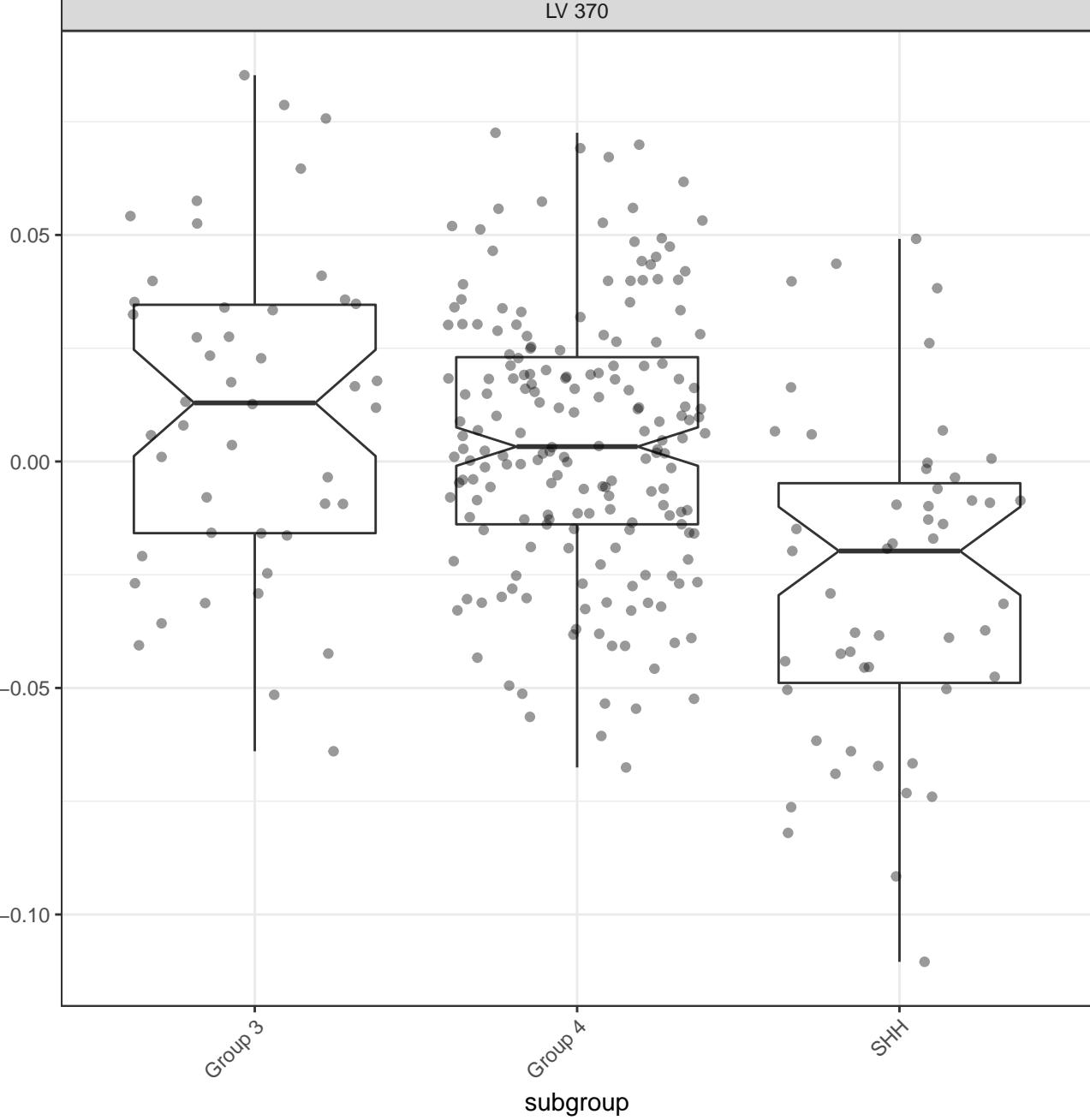
subgroup





LV 370

Value



LV 371

Value

0.1

0.0

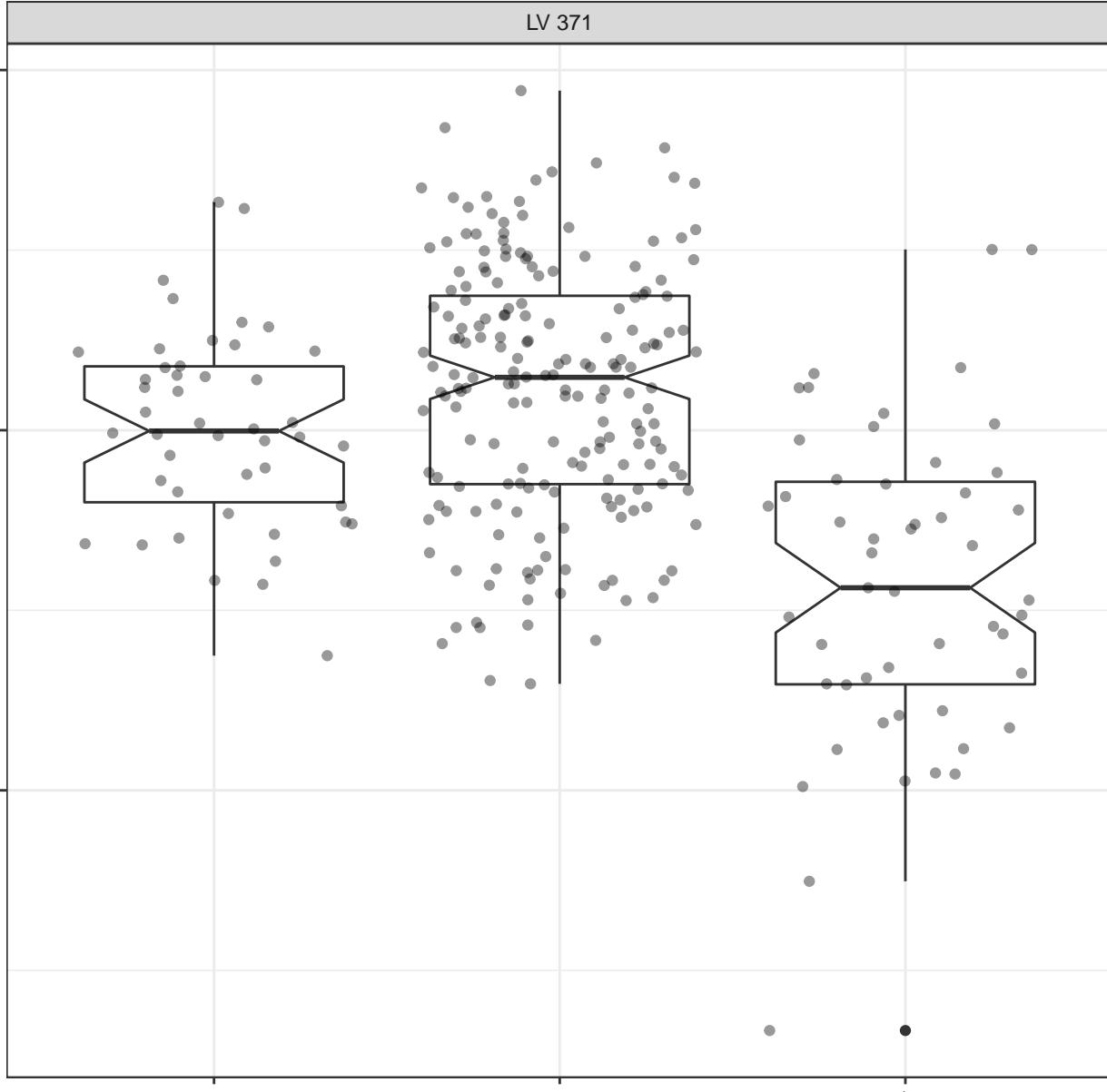
-0.1

Group³

Group⁴

SHH

subgroup



LV 372

Value

0.05

0.00

-0.05

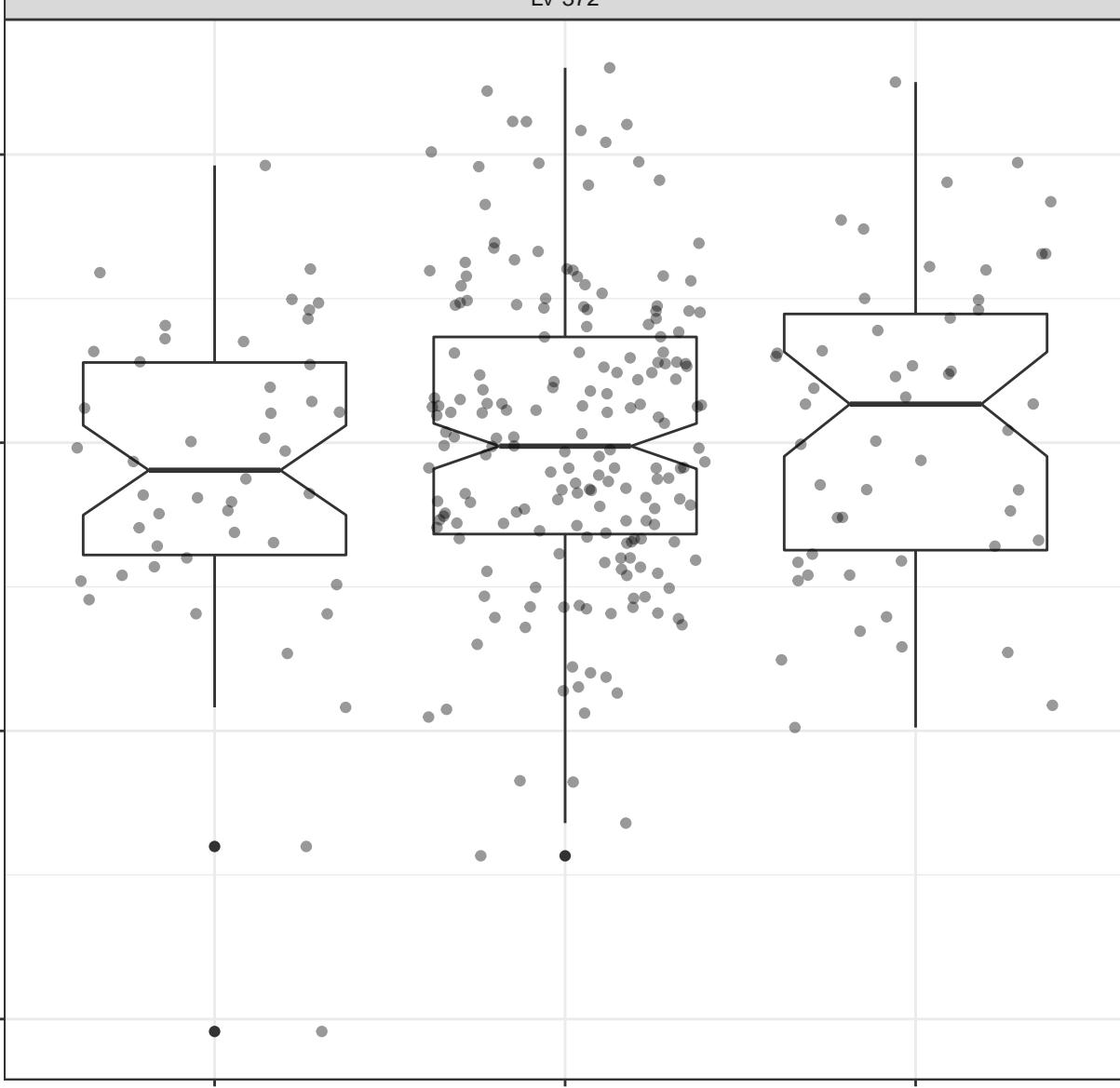
-0.10

Group 3

Group 4

SHH

subgroup



Value

0.10

0.05

0.00

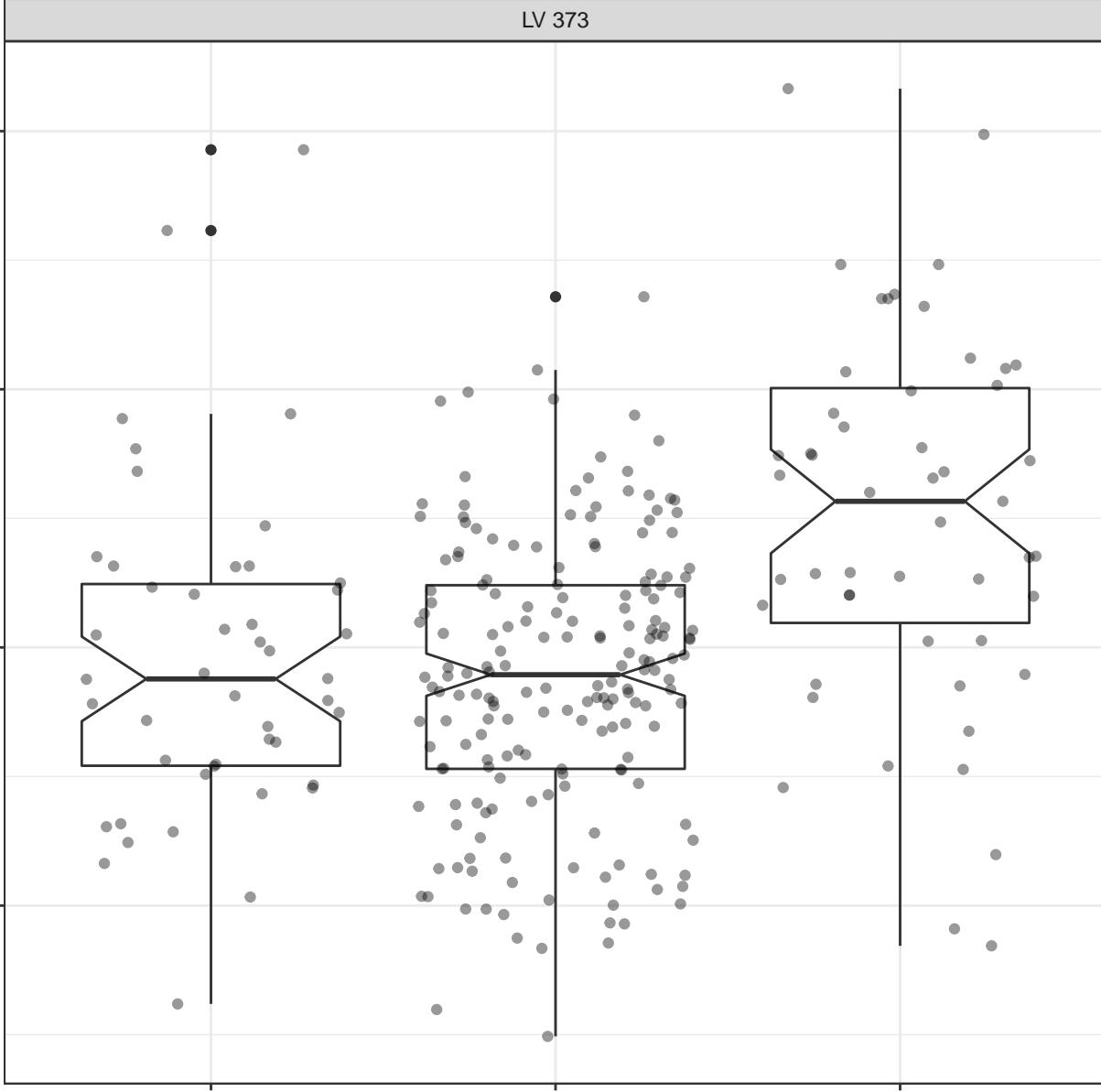
-0.05

Group 3

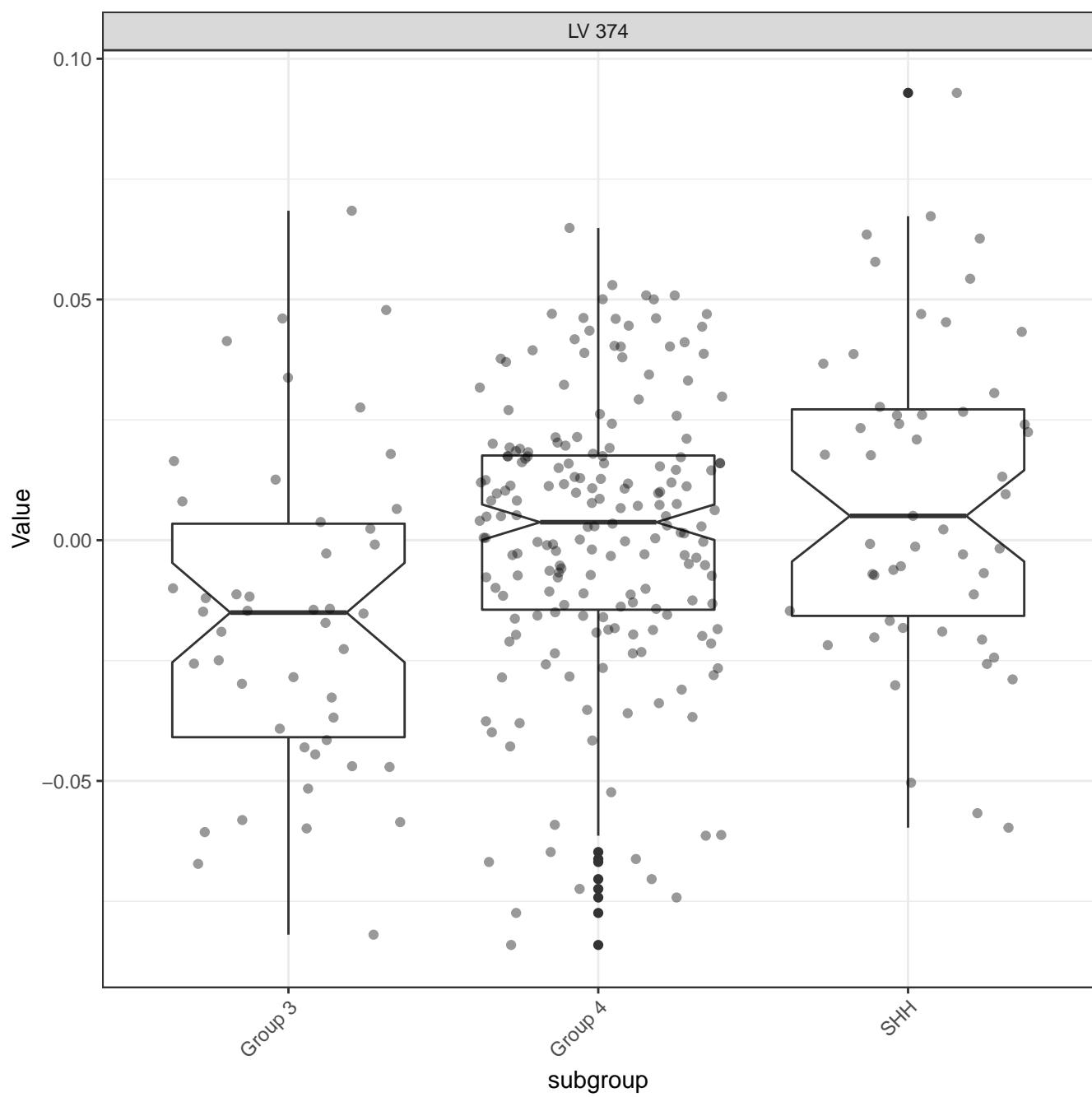
subgroup

Group 4

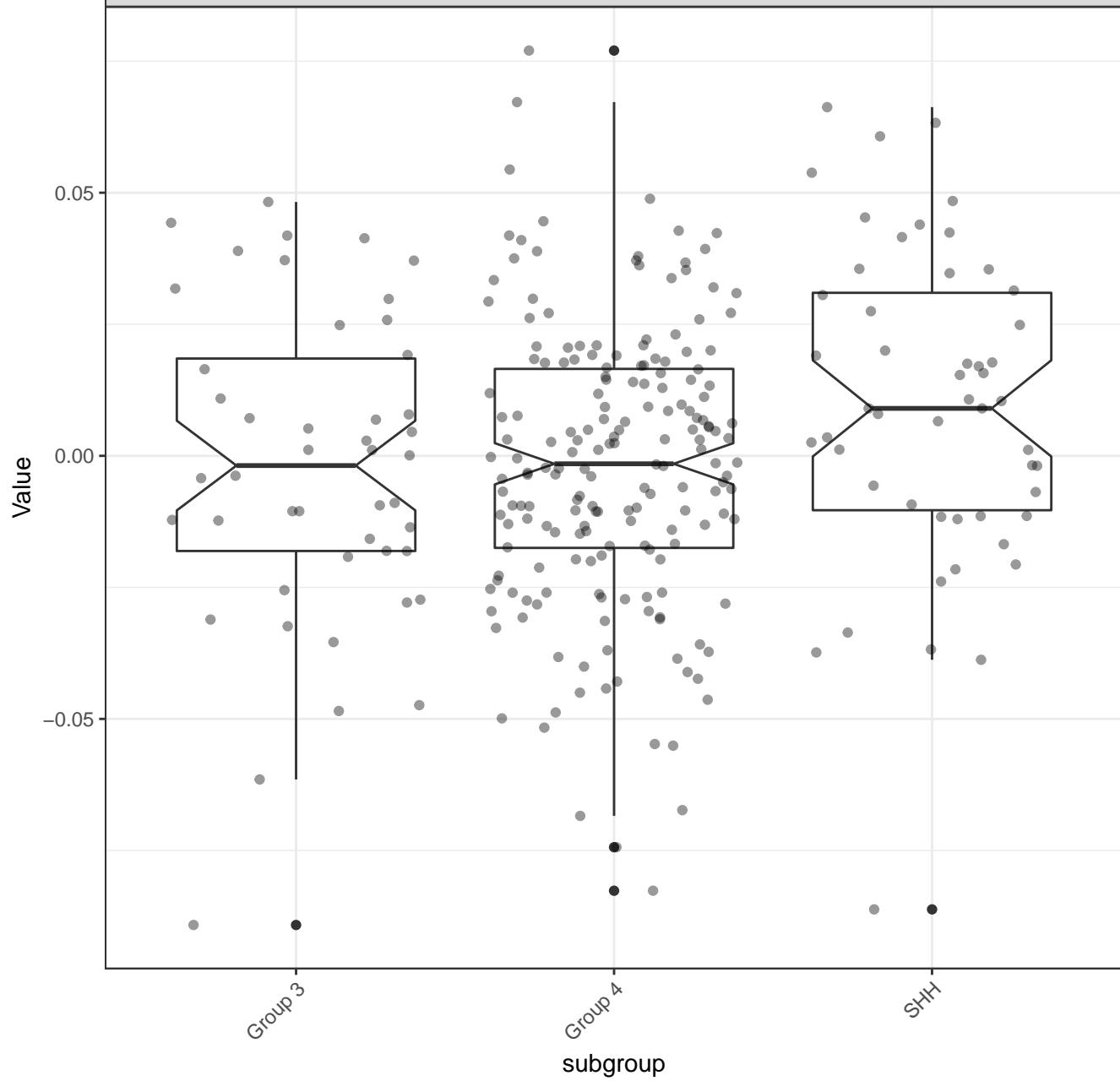
SHH



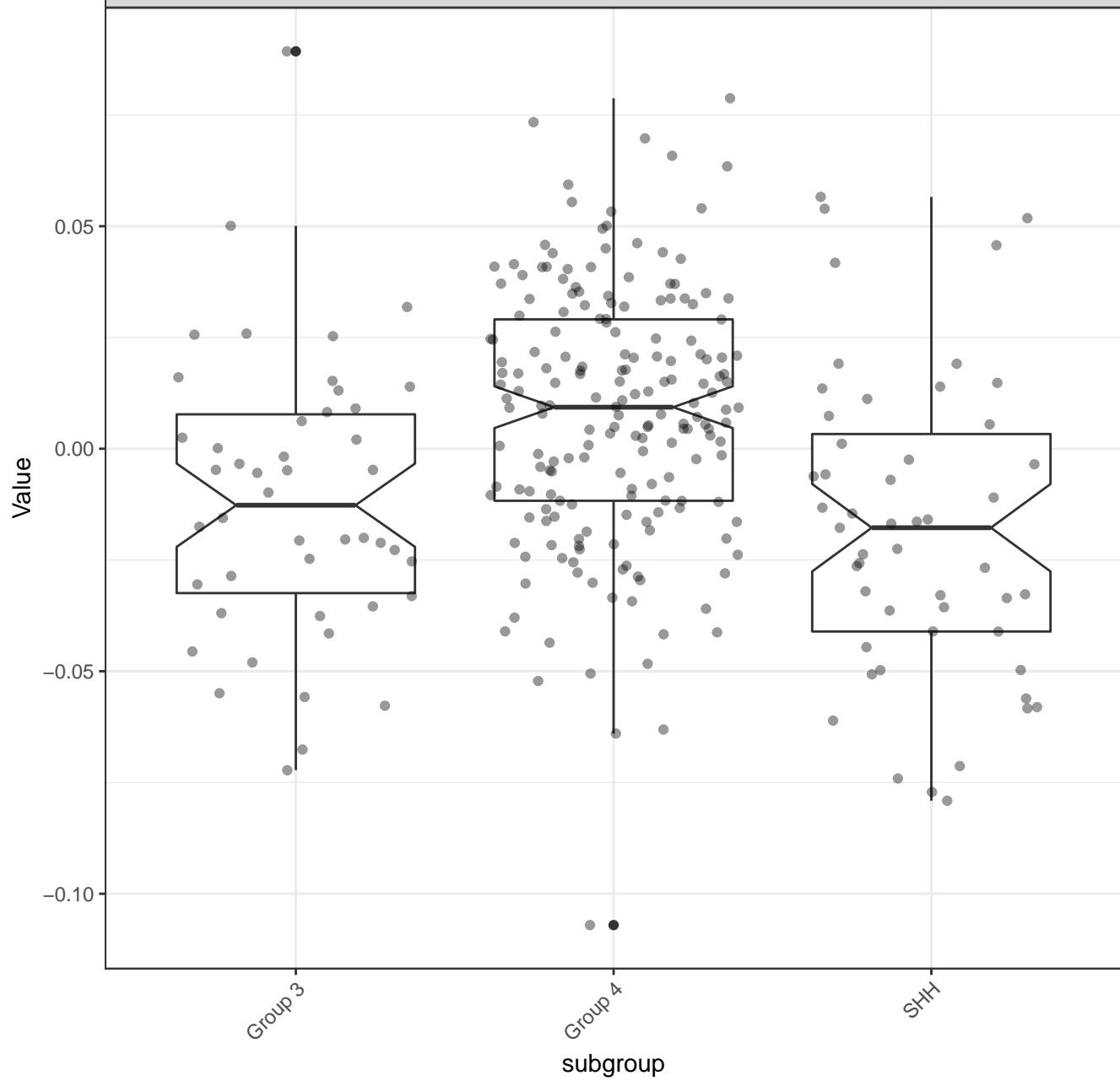
LV 374



LV 375



LV 376



LV 377

Value

0.10

0.05

0.00

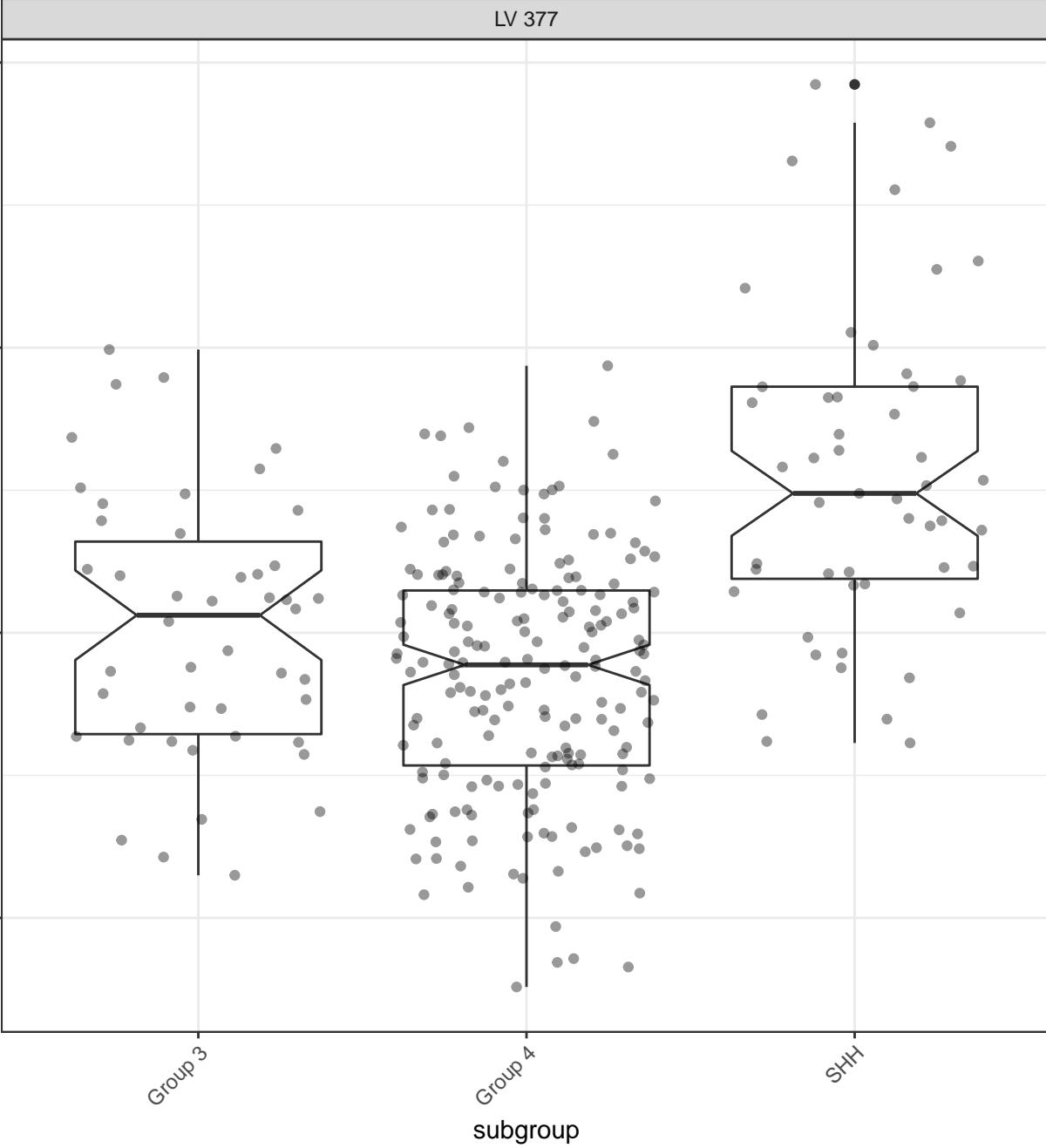
-0.05

Group 3

Group 4

SHH

subgroup



LV 378

Value

0.04

0.00

-0.04

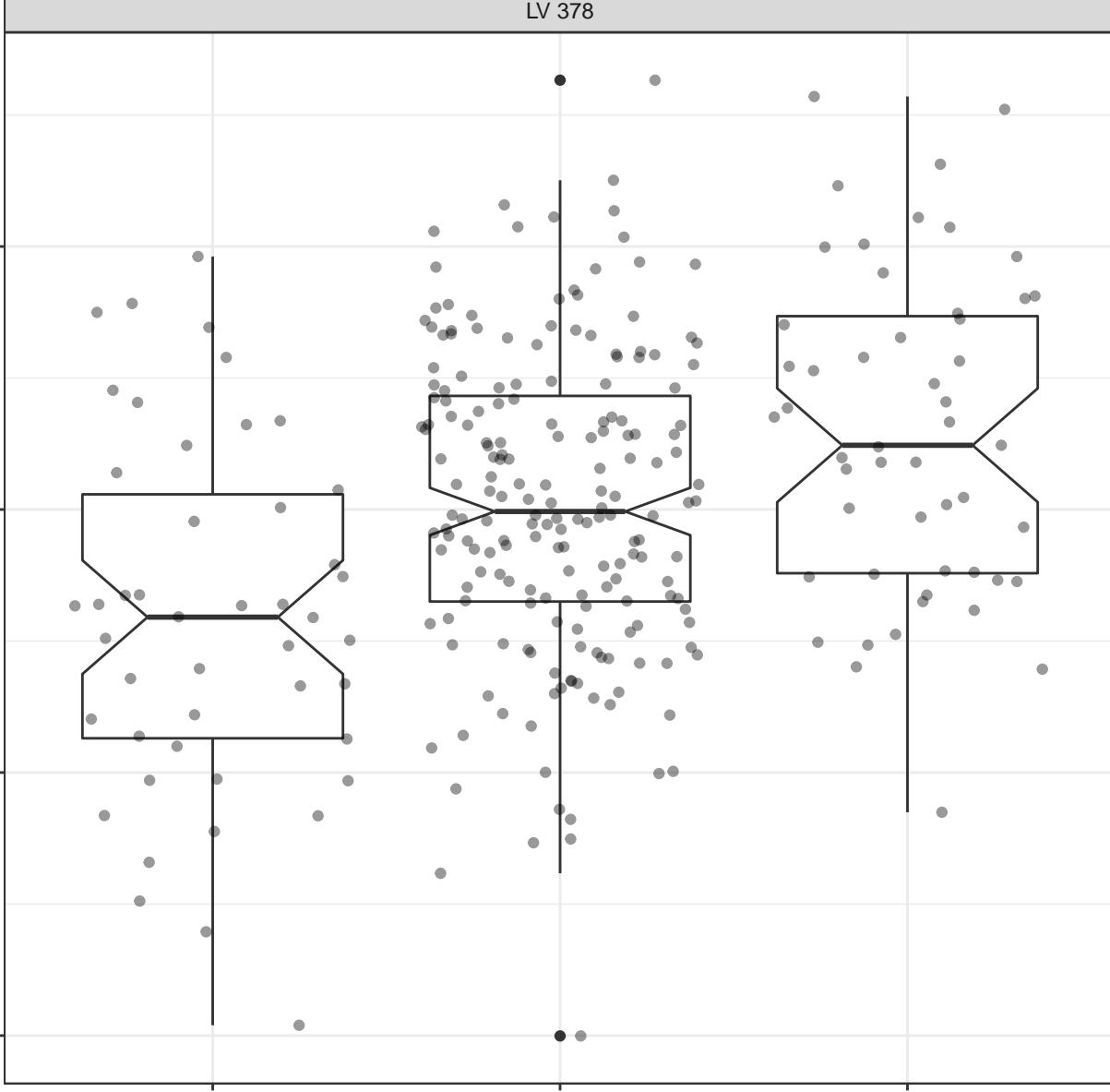
-0.08

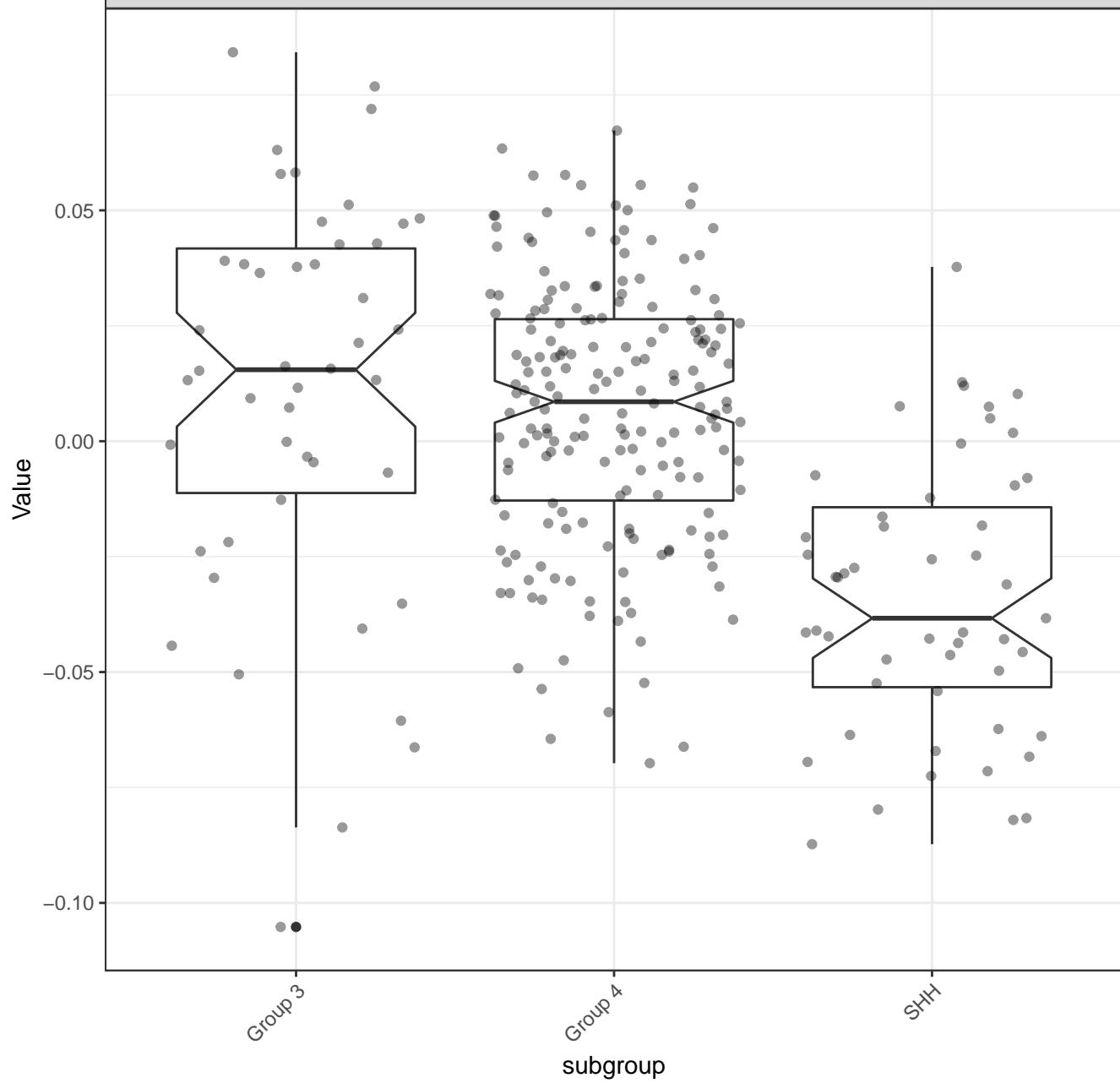
Group 3

subgroup

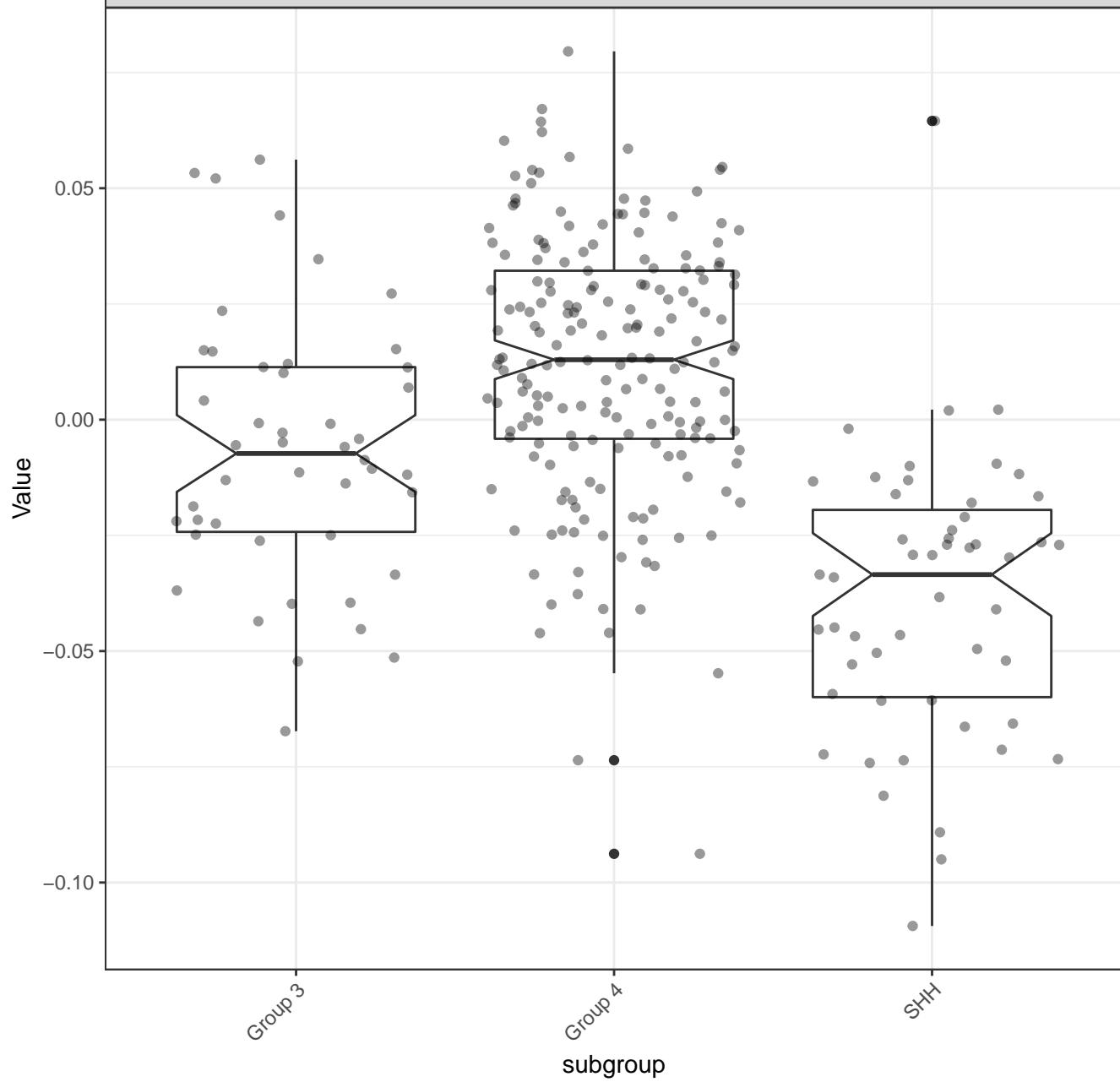
Group 4

SHH

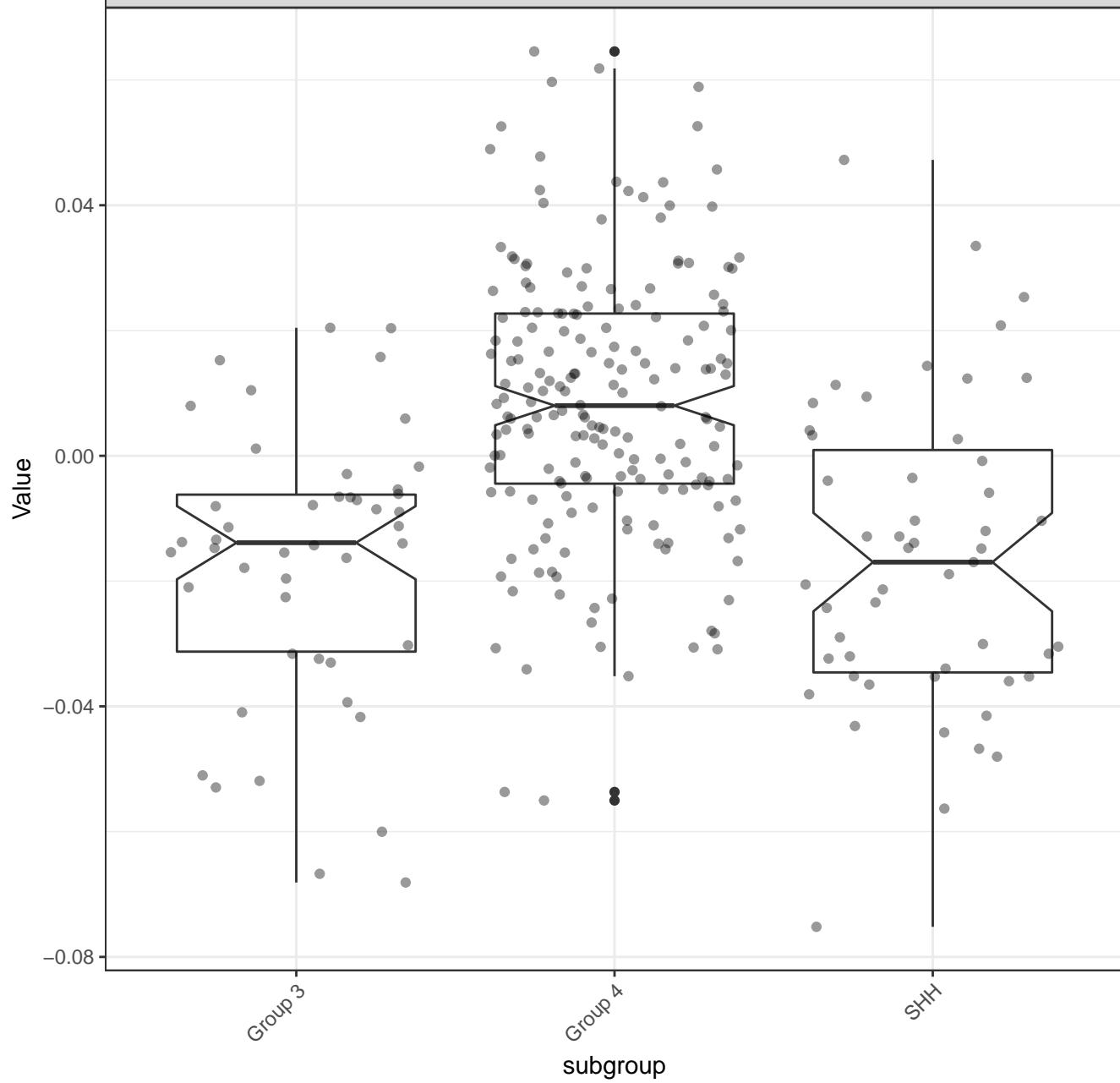




LV 380

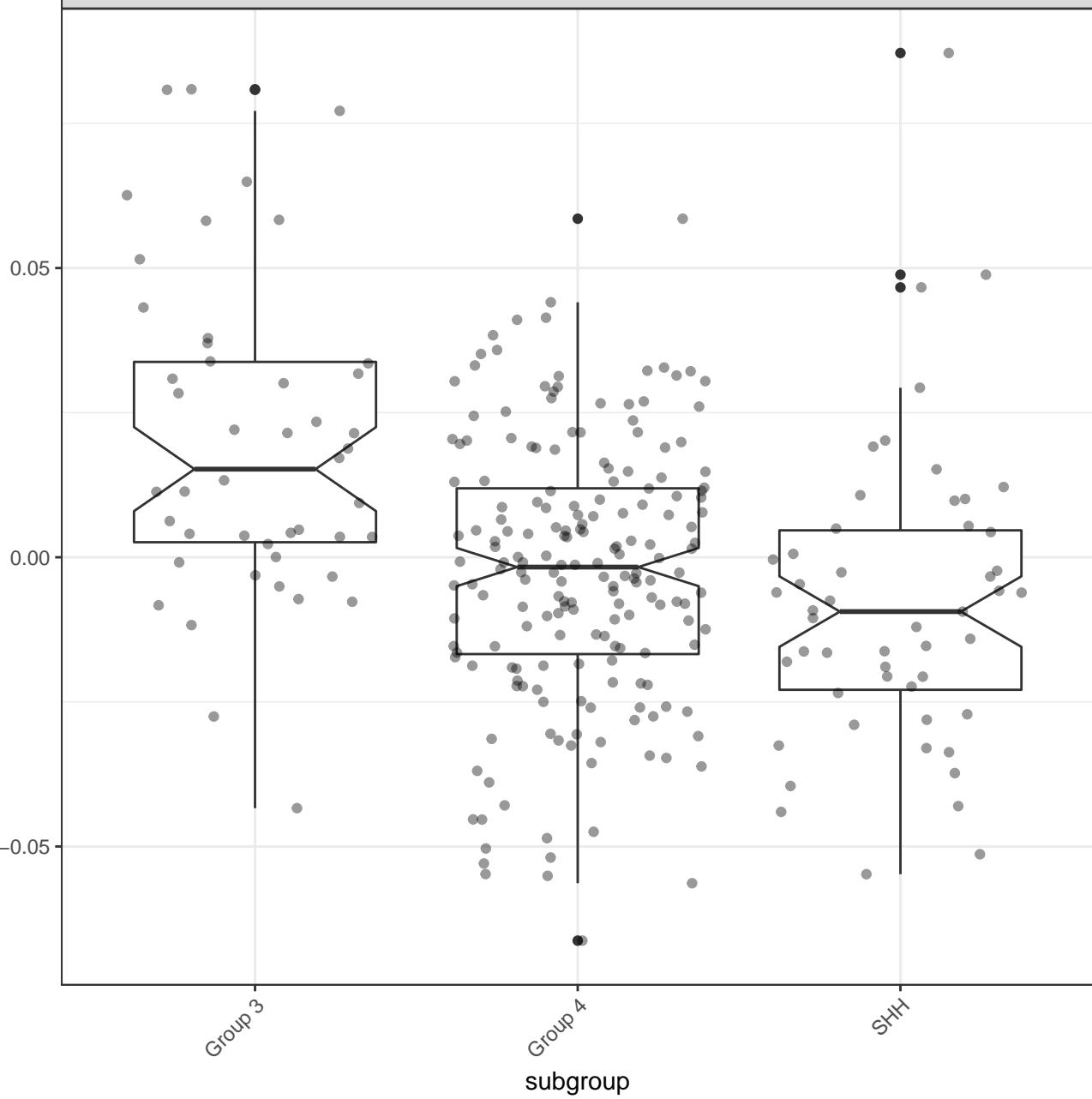


LV 381

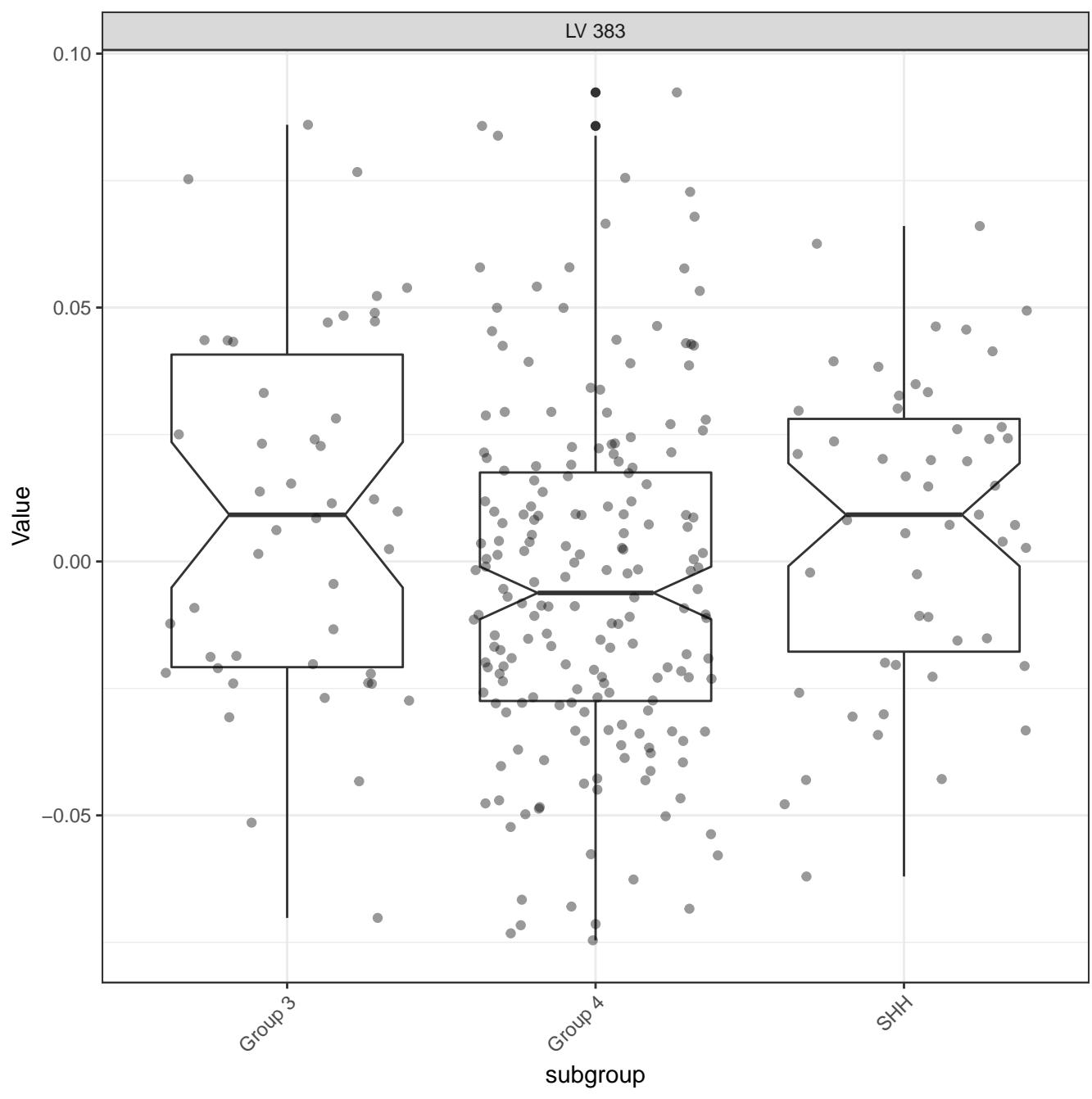


LV 382

Value



LV 383



LV 384

Value

0.10

0.05

0.00

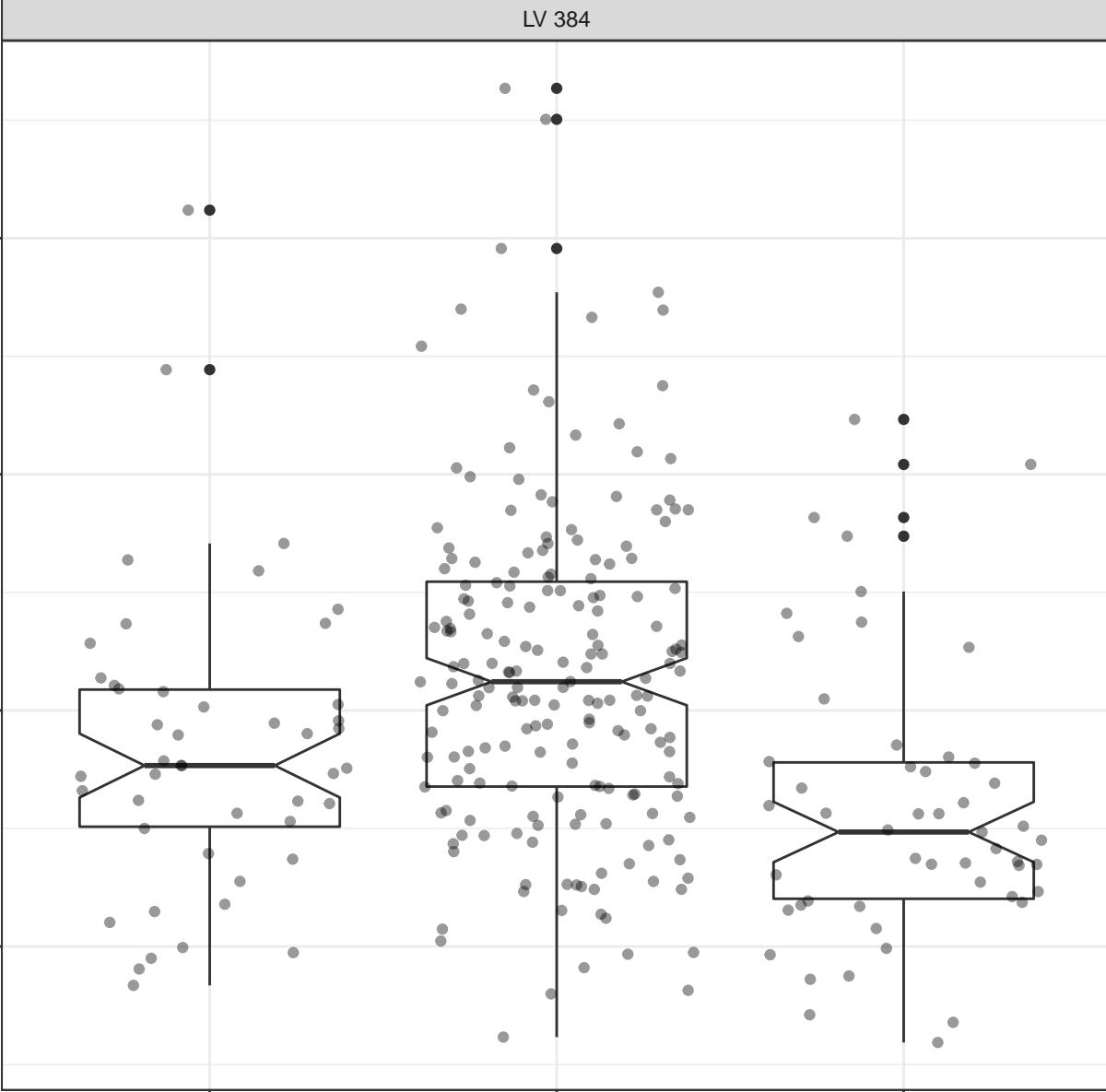
-0.05

Group 3

subgroup

Group 4

SHH



LV 385

Value

0.05

0.00

-0.05

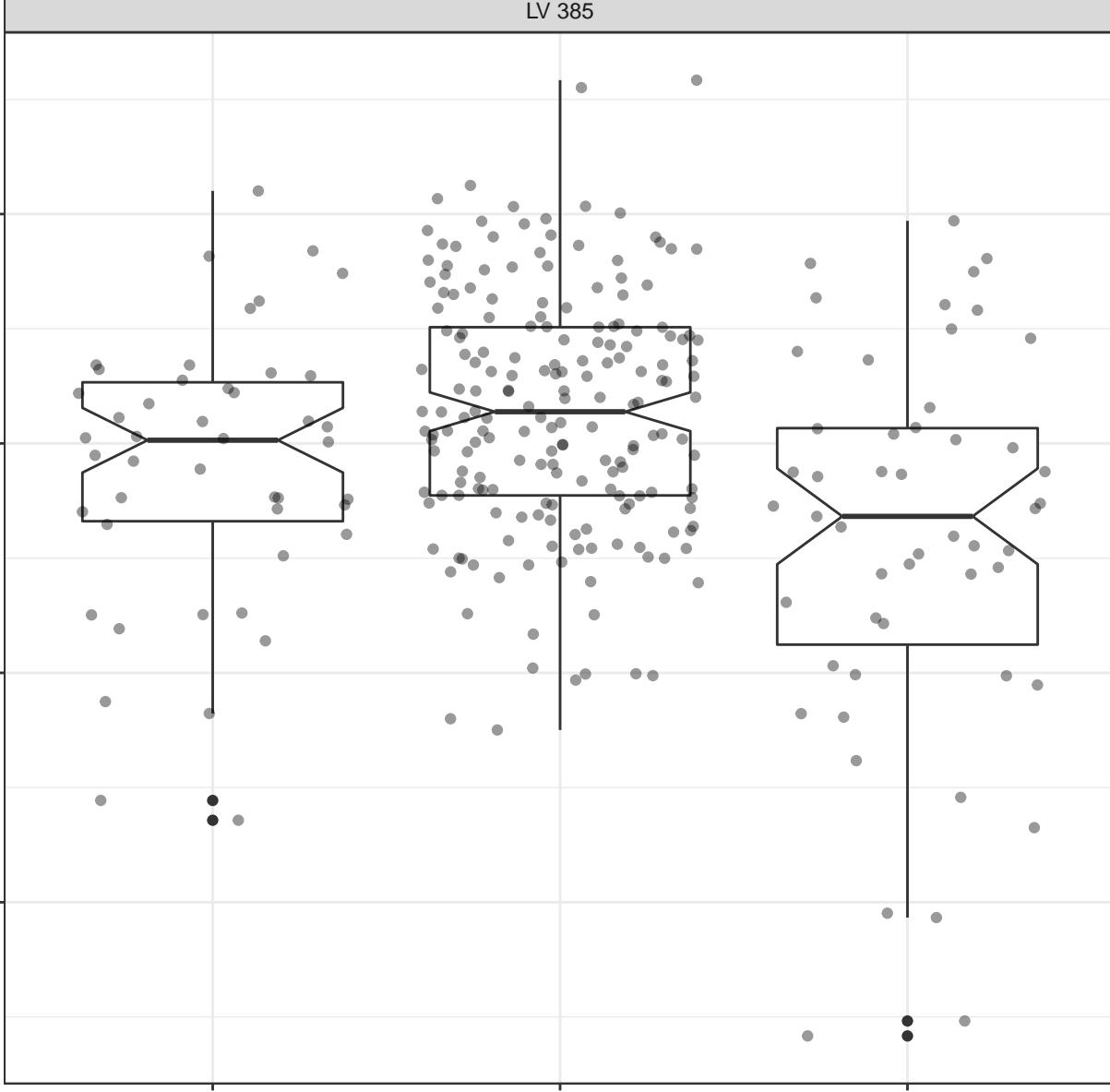
-0.10

Group 3

Group 4

SHH

subgroup



Value

0.05

0.00

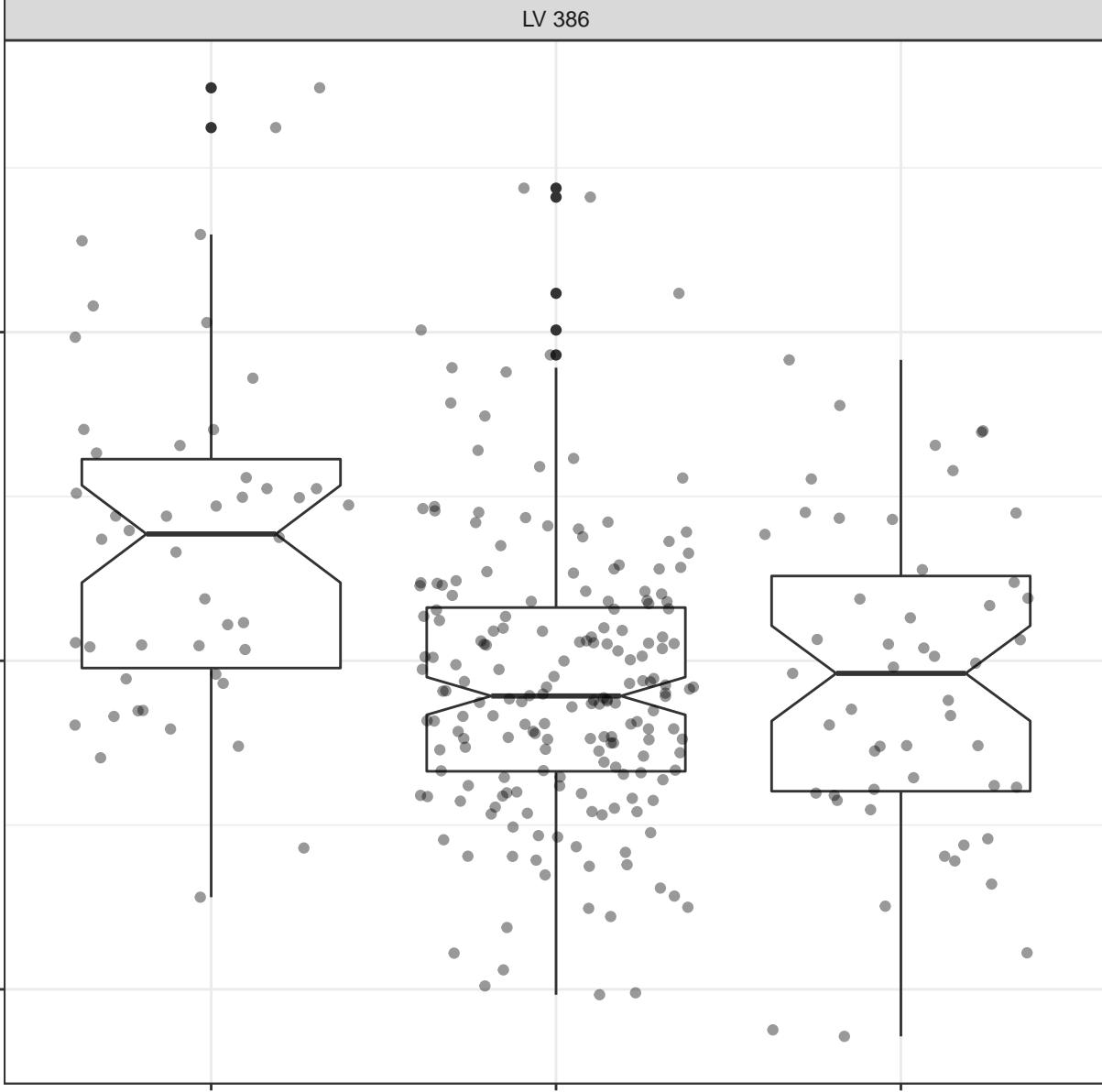
-0.05

Group 3

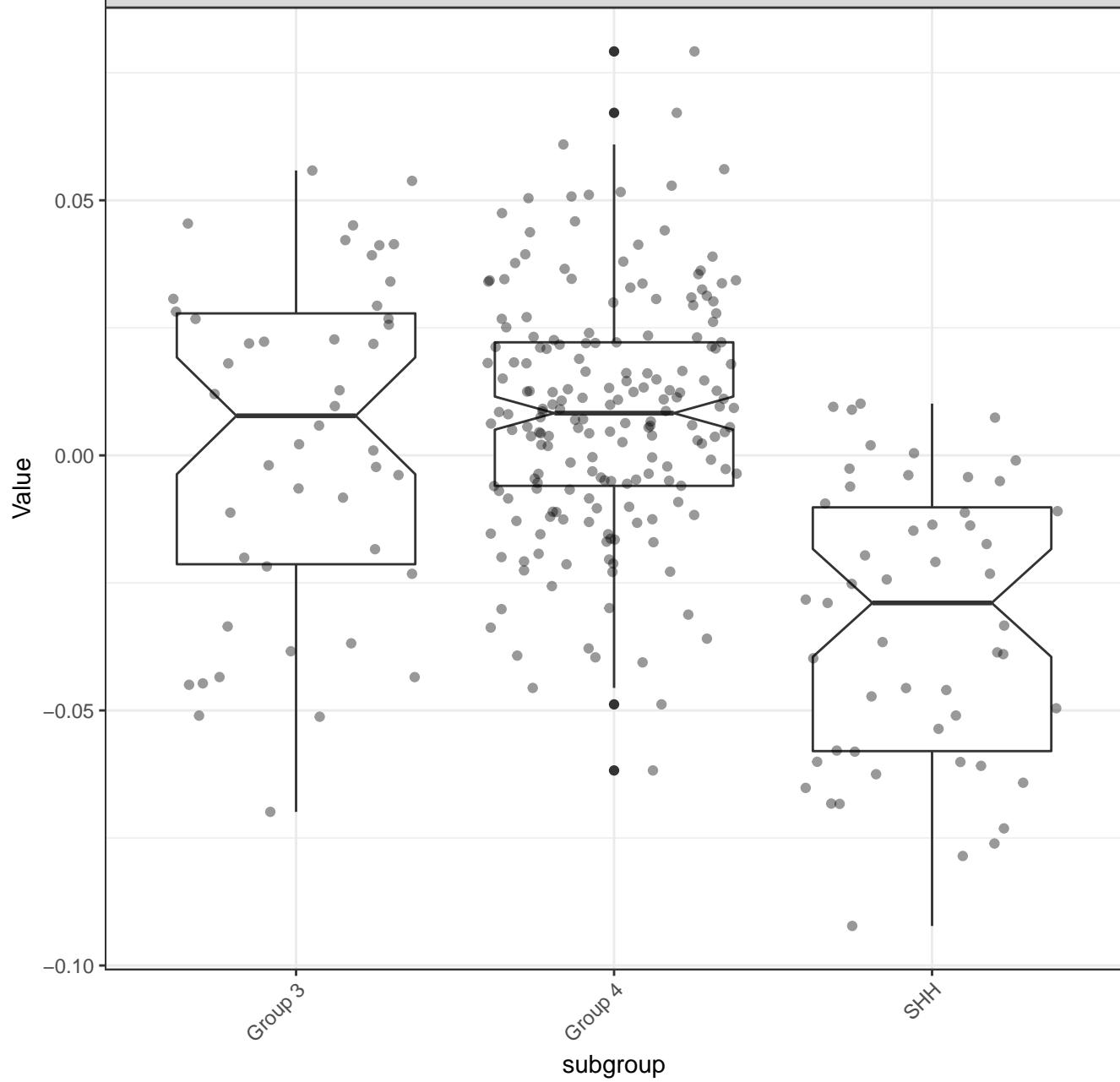
Group 4

SHH

subgroup



LV 387



LV 388

Value

0.10

0.05

0.00

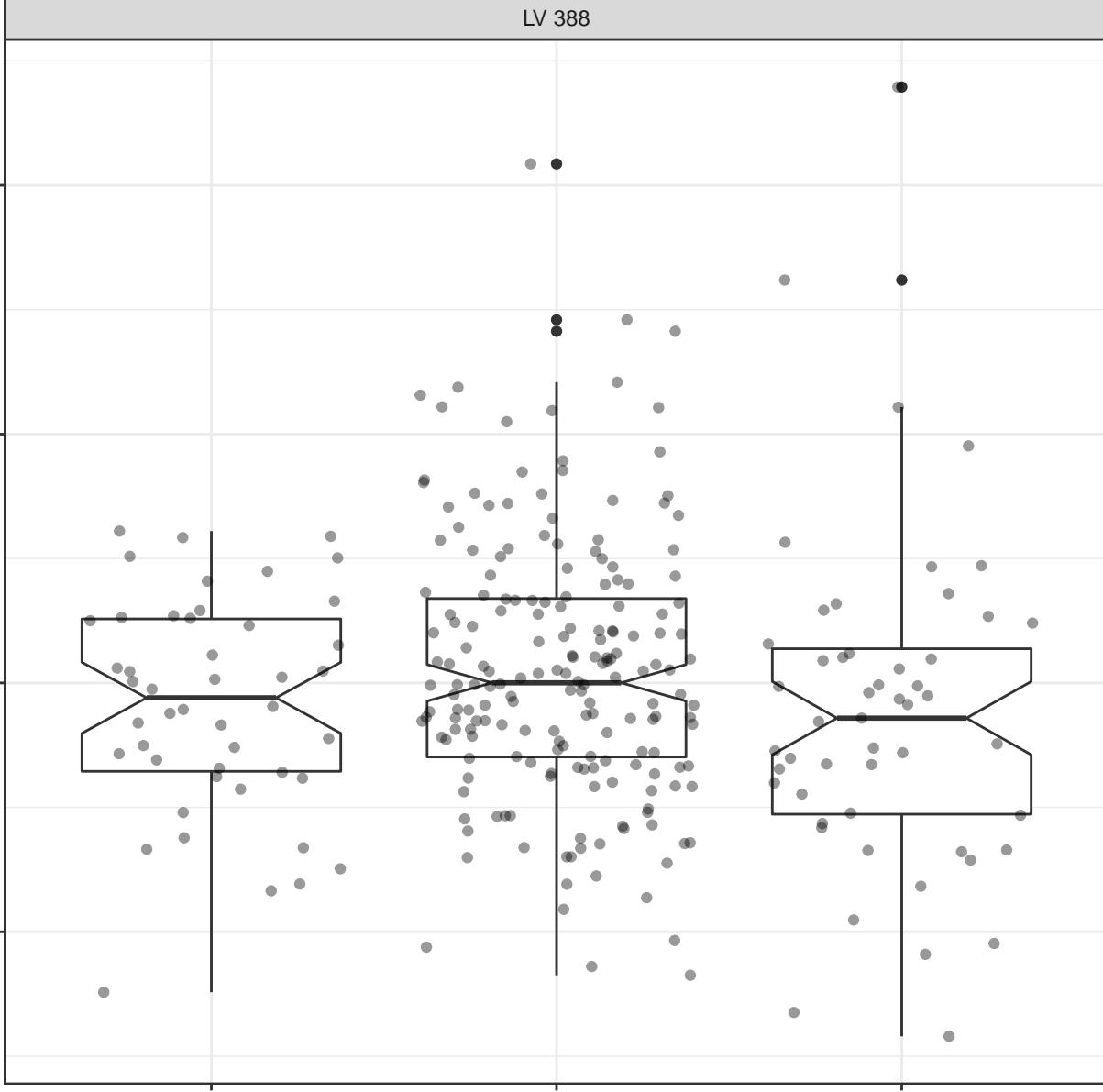
-0.05

Group 3

Group 4

SHH

subgroup



LV 389

Value

0.10

0.05

0.00

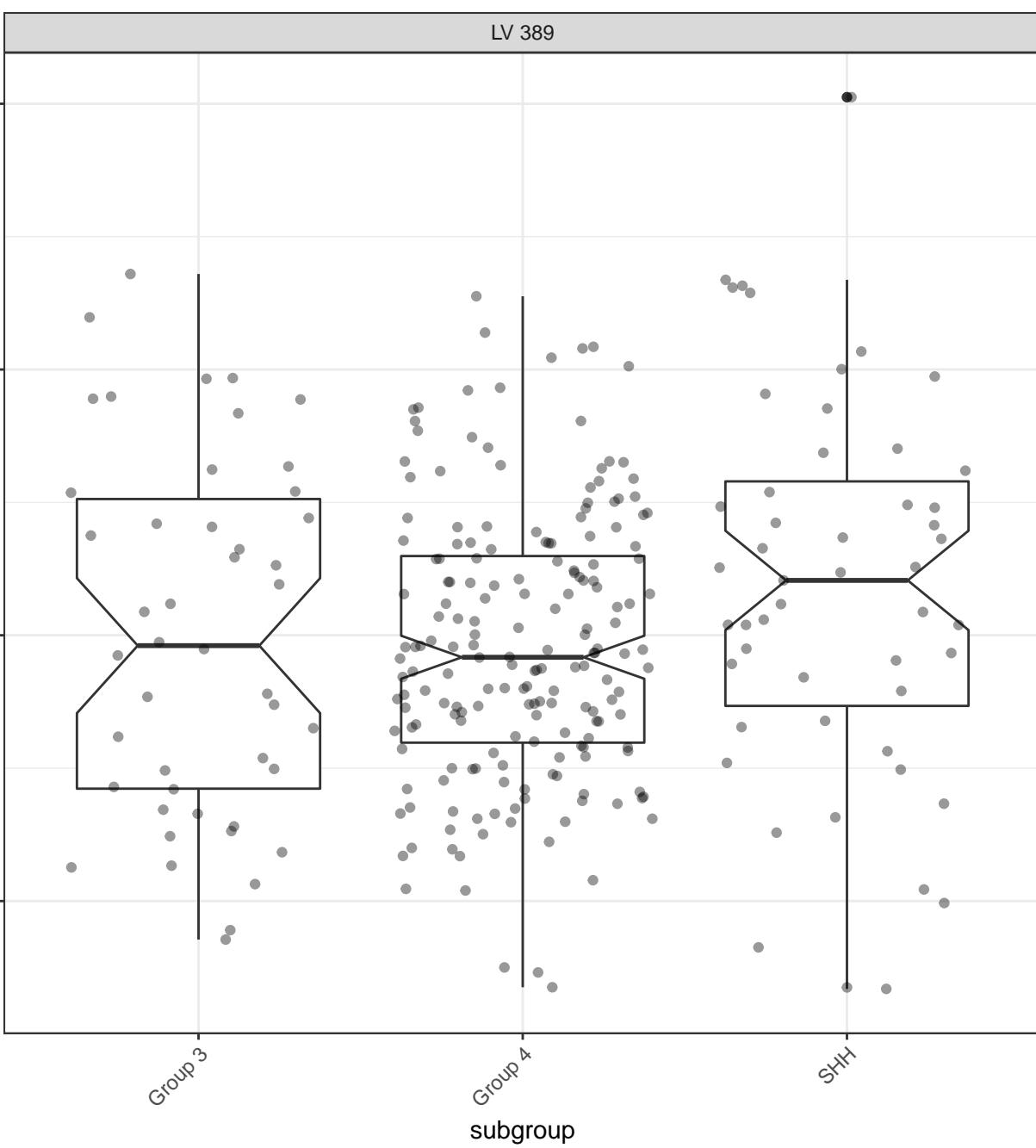
-0.05

Group 3

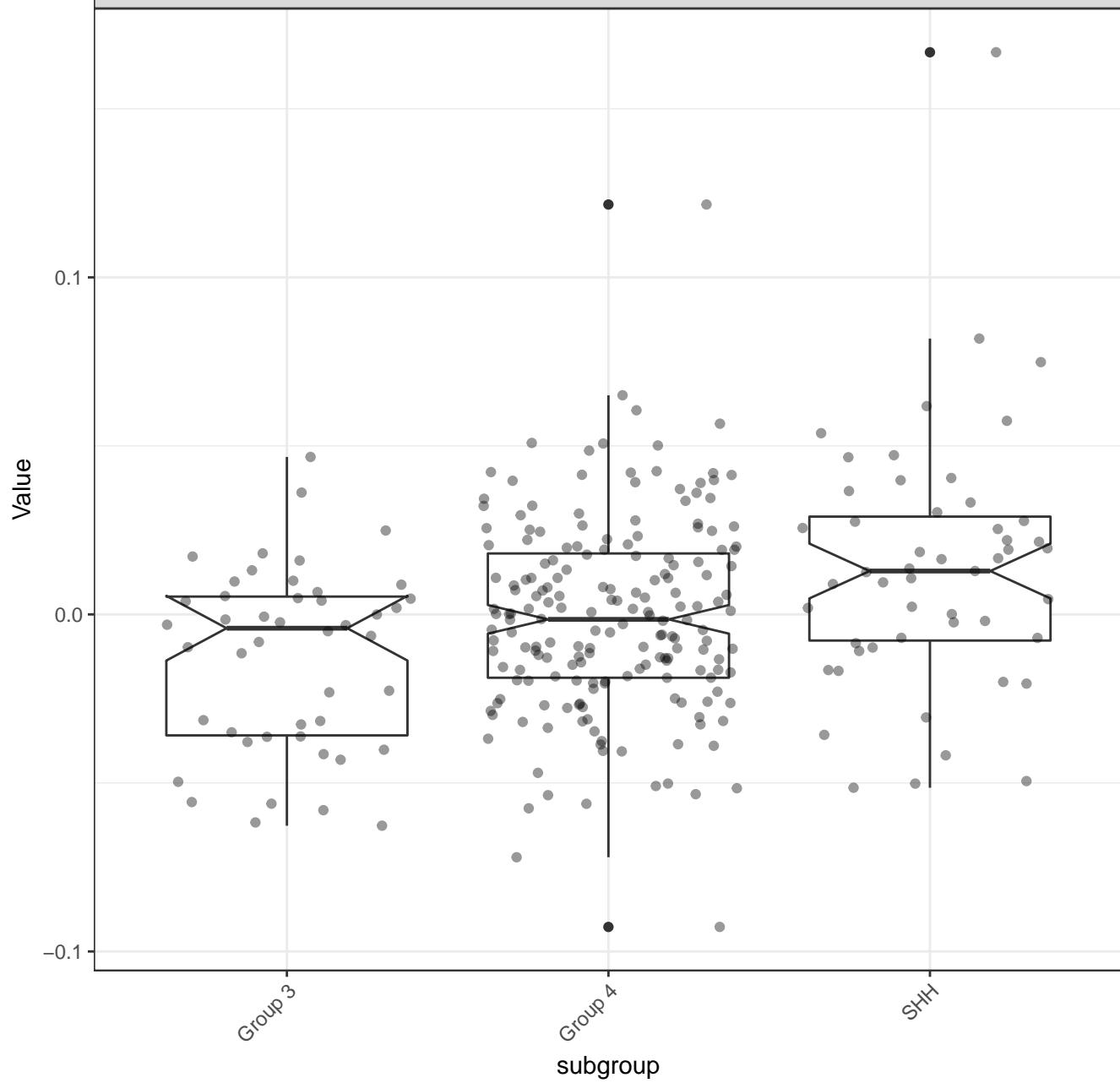
Group 4

SHH

subgroup

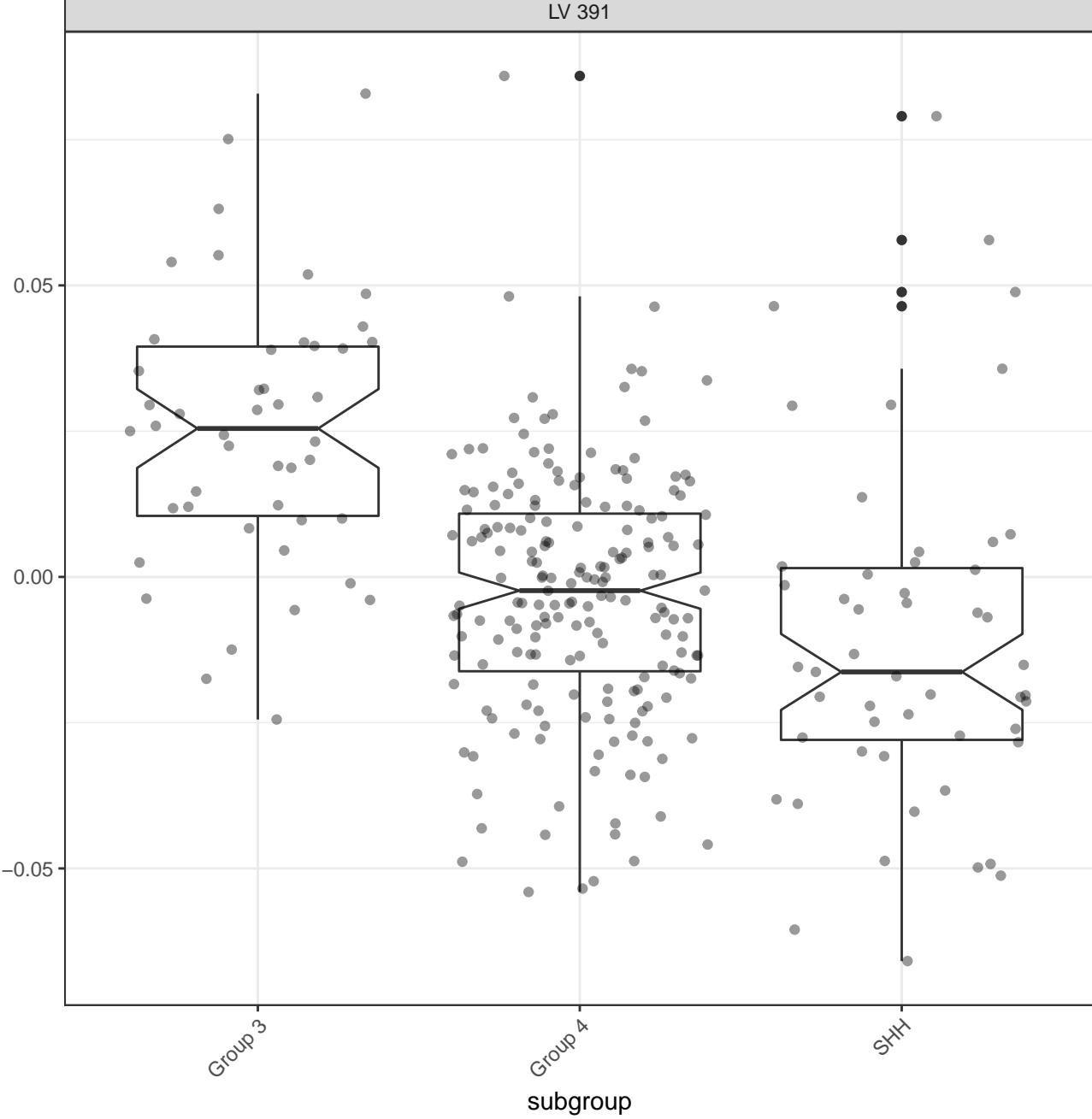


LV 390

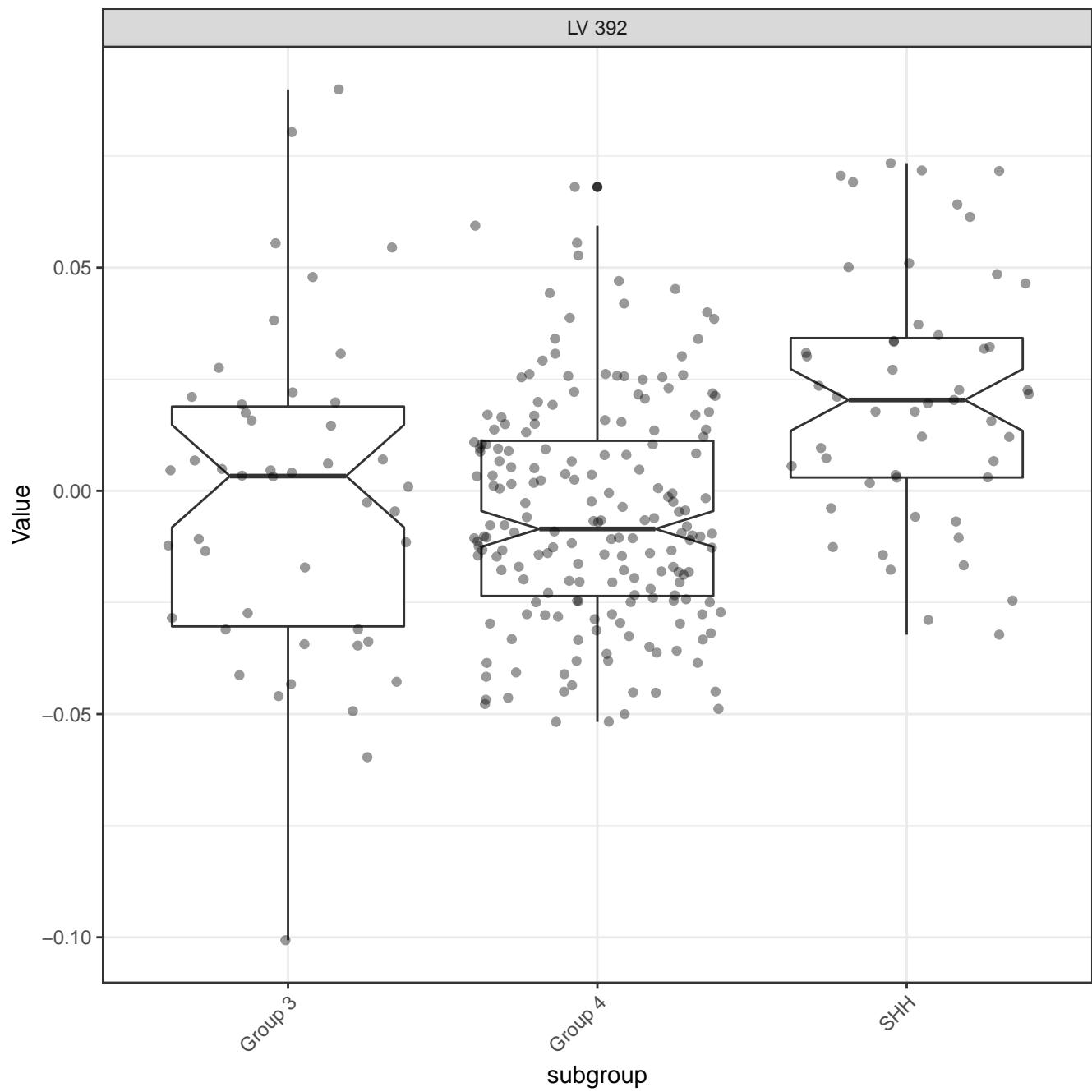


LV 391

Value



LV 392



LV 393

Value

0.1

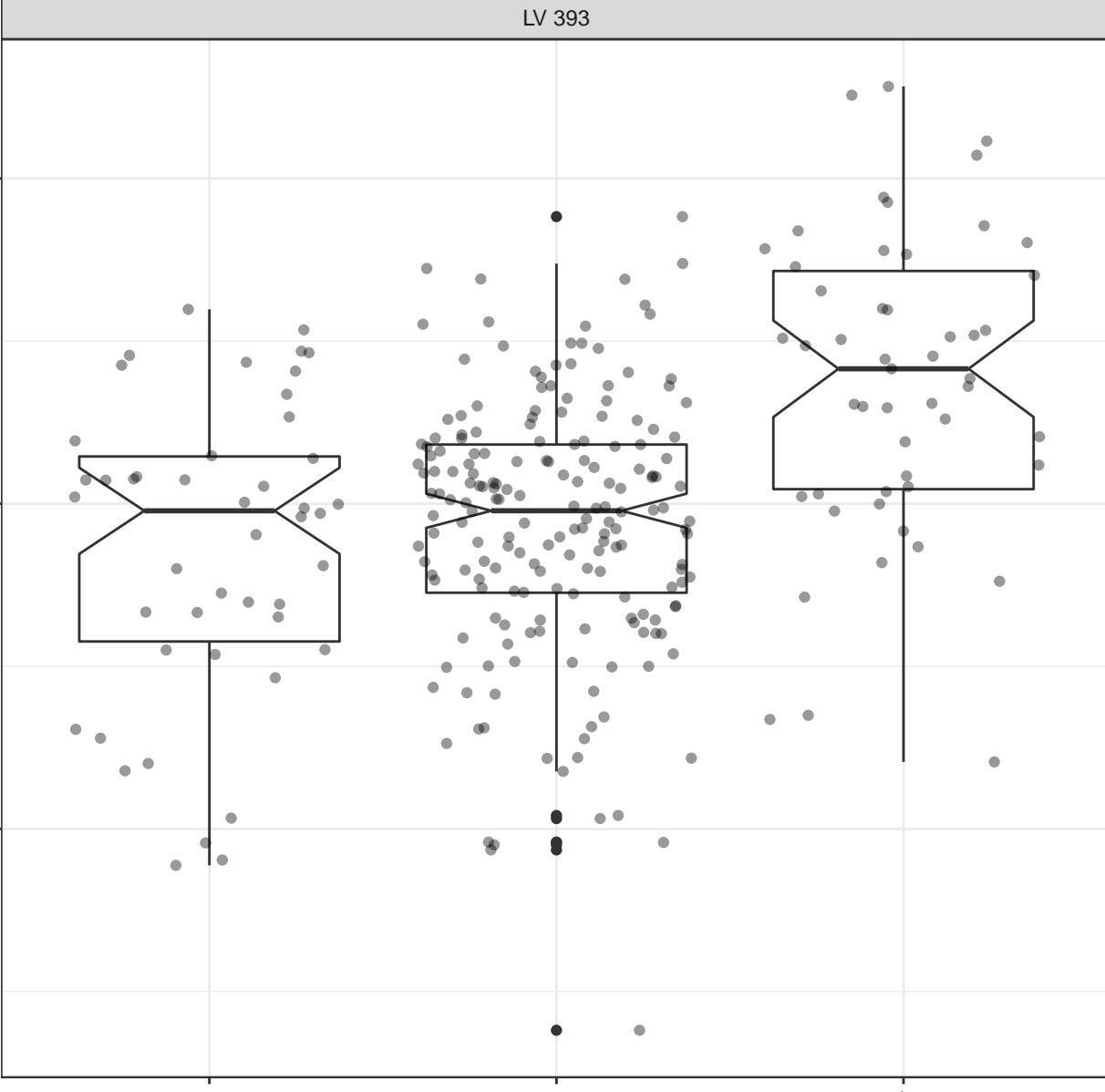
0.0

-0.1

Group³

subgroup

SHH



LV 394

Value

0.1

0.0

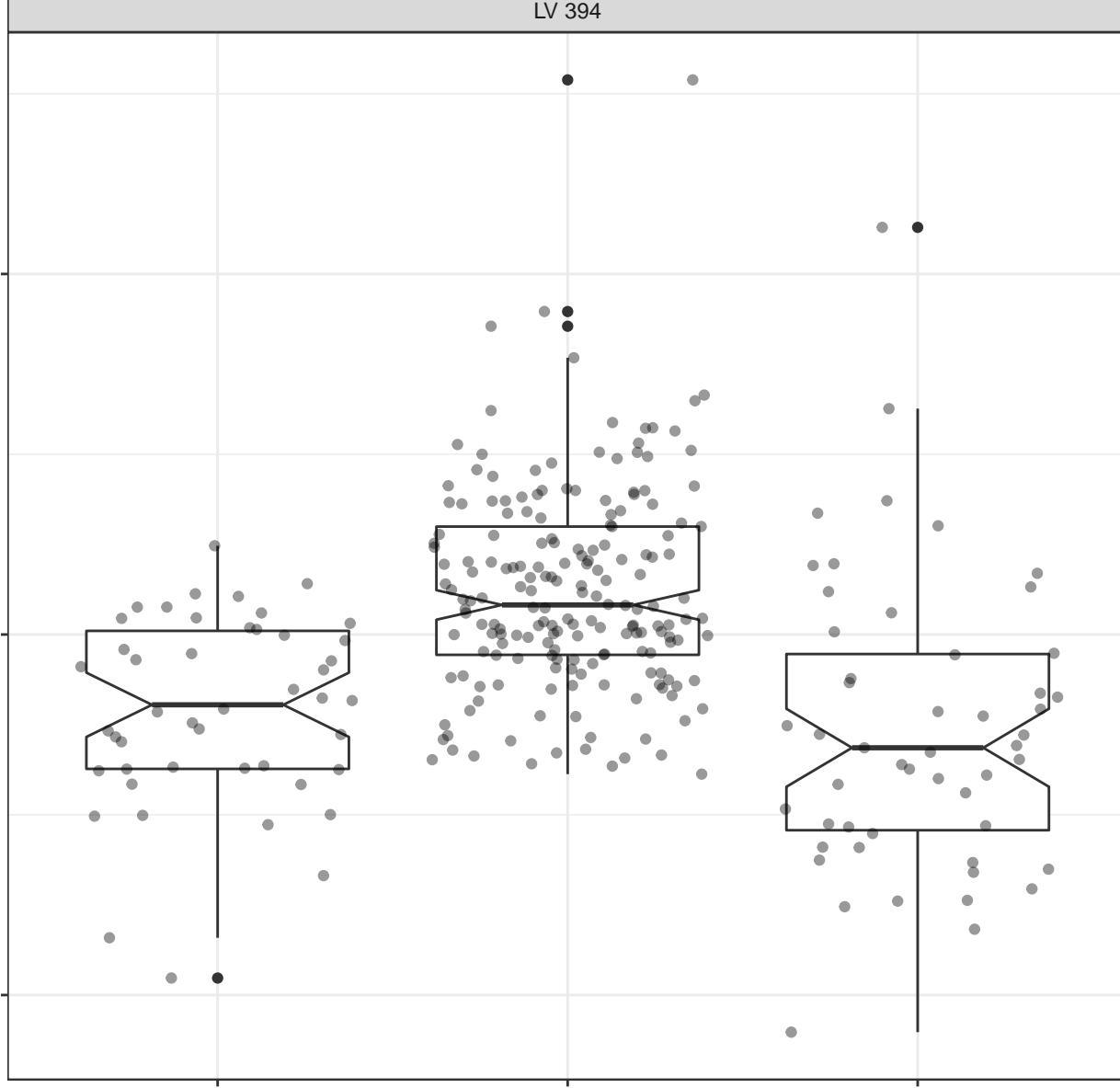
-0.1

Group³

Group⁴

SHH

subgroup



Value

0.1

0.0

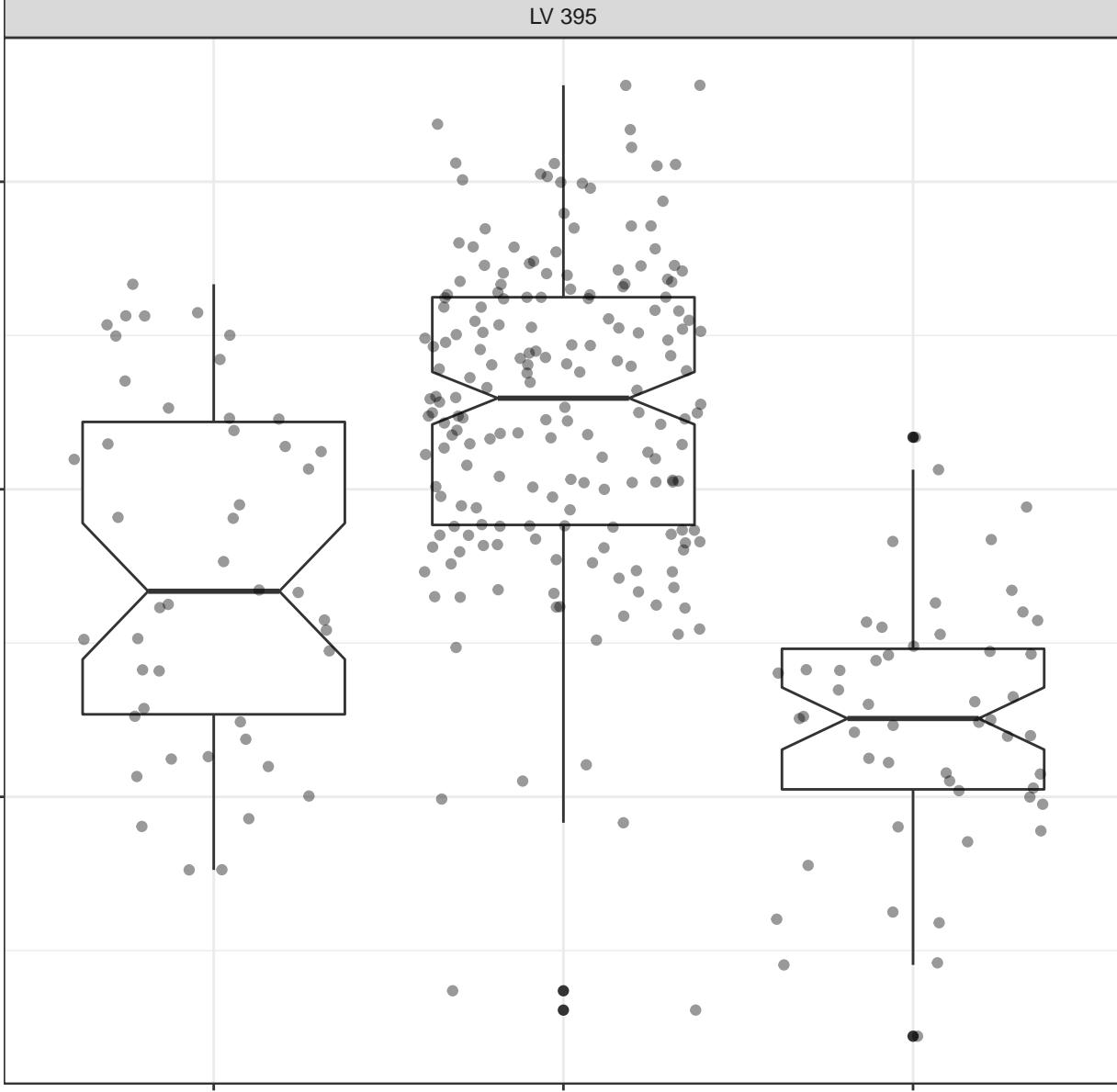
-0.1

Group 3

Group 4

SHH

subgroup



LV 396

Value

0.10

0.05

0.00

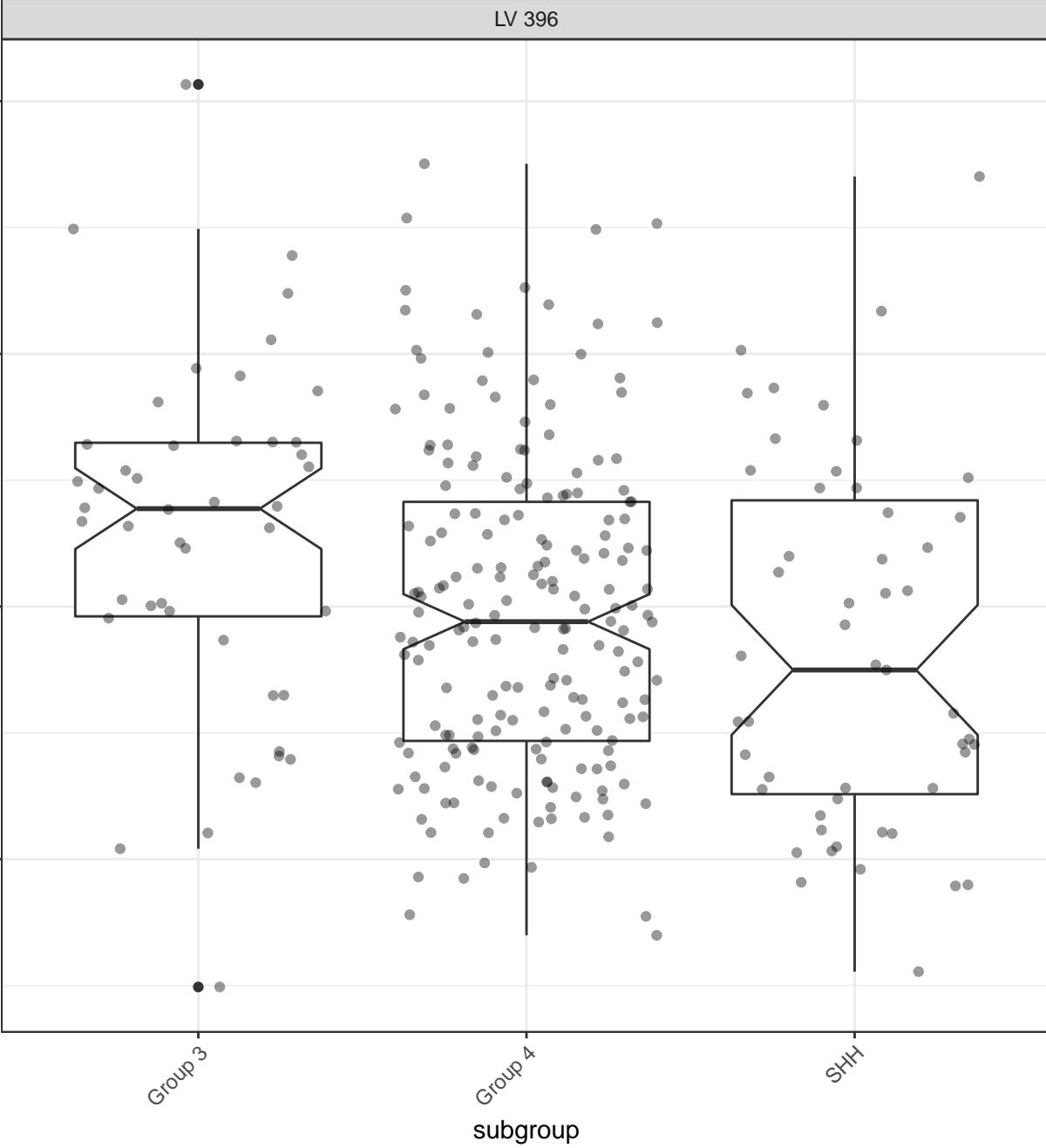
-0.05

Group 3

Group 4

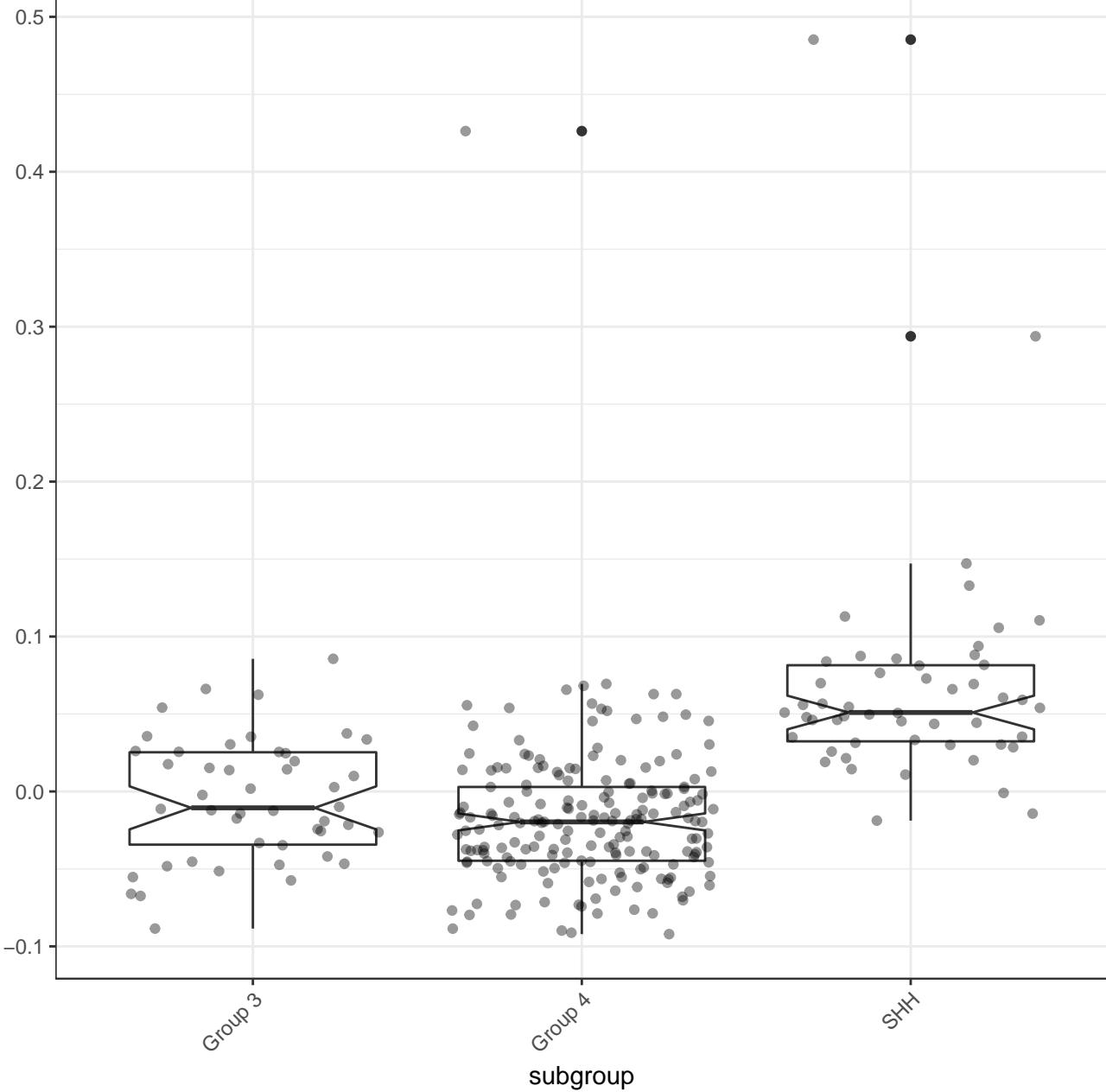
SHH

subgroup



LV 397

Value



LV 398

Value

0.05

0.00

-0.05

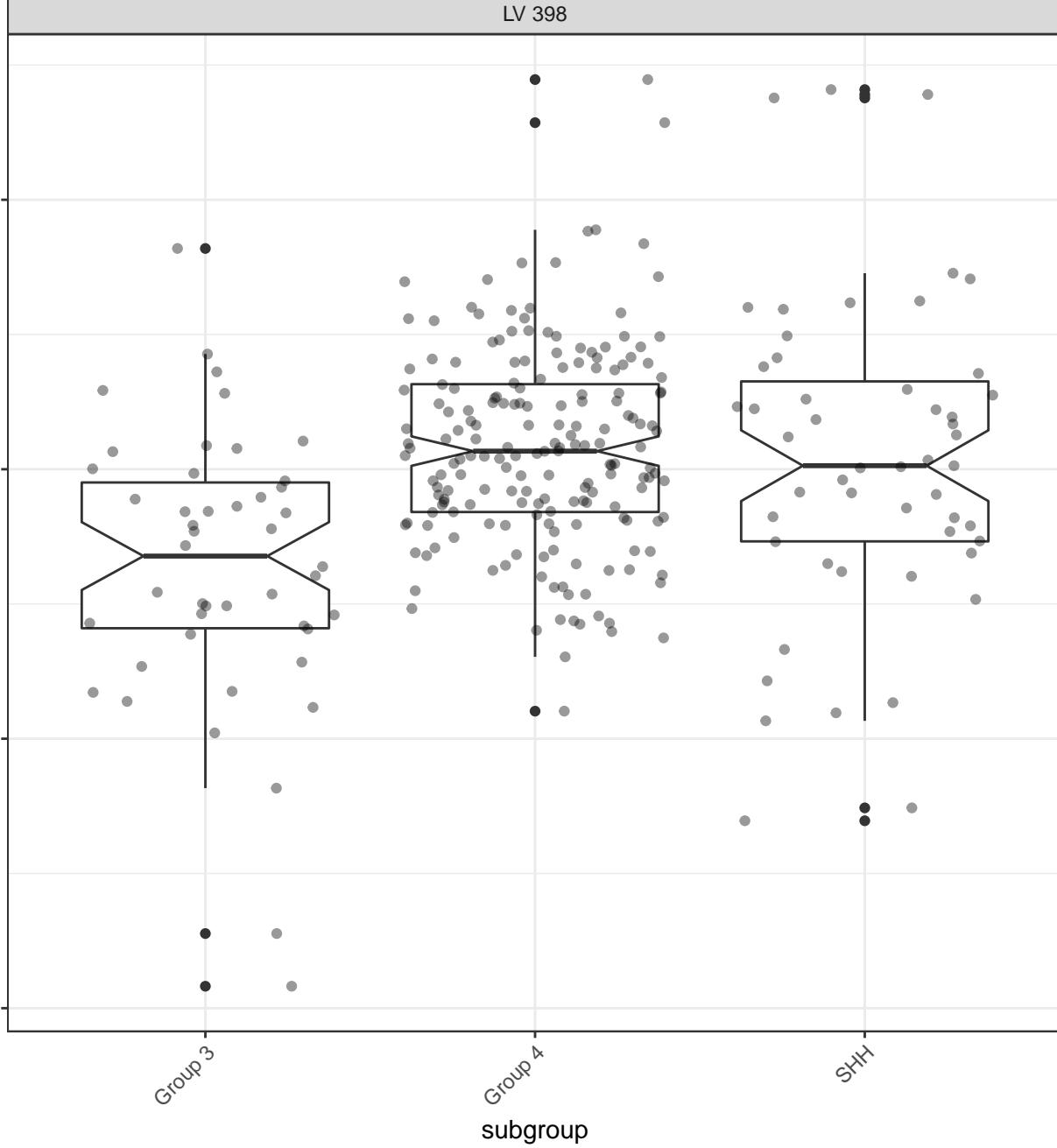
-0.10

Group 3

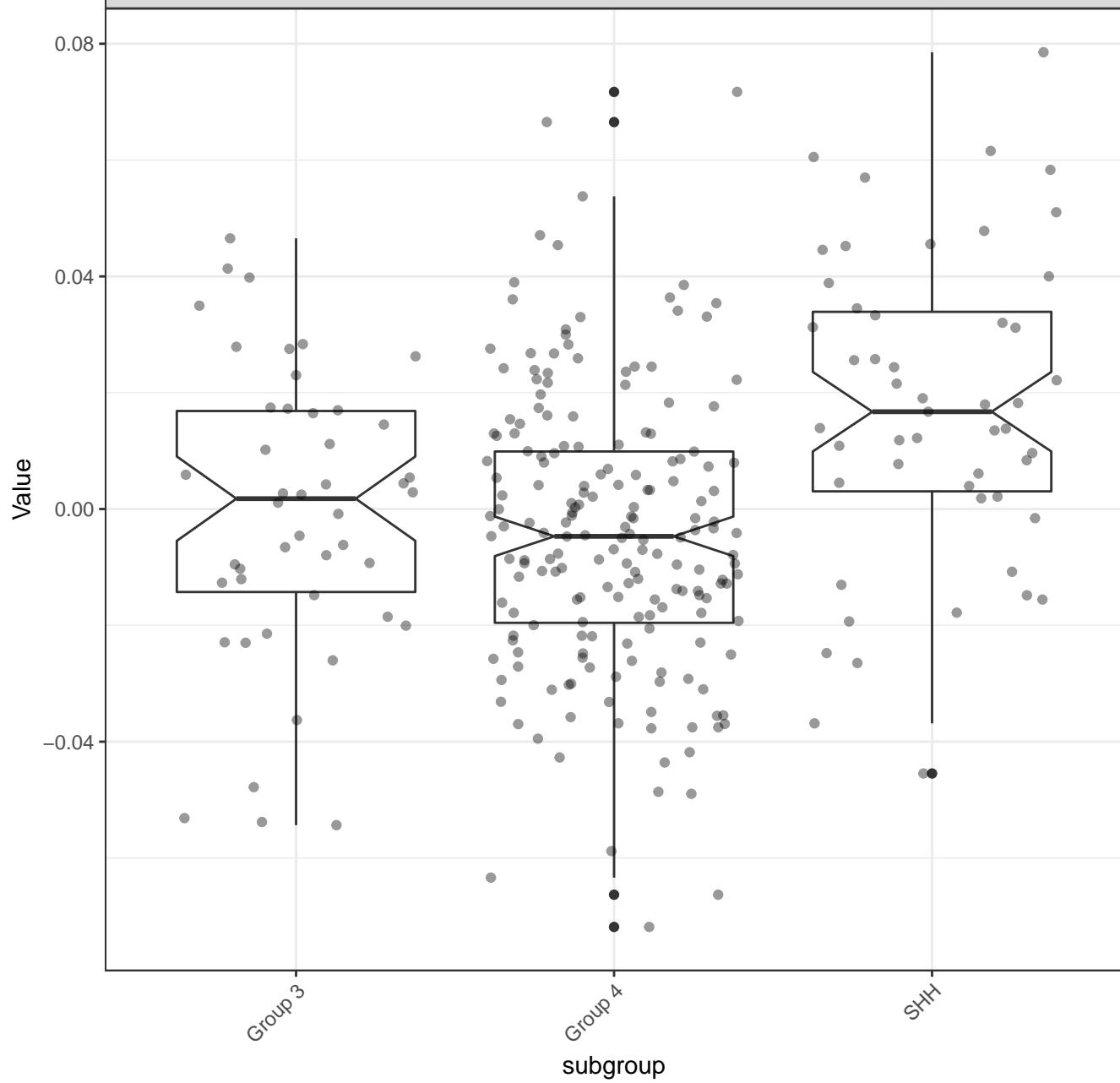
Group 4

SHH

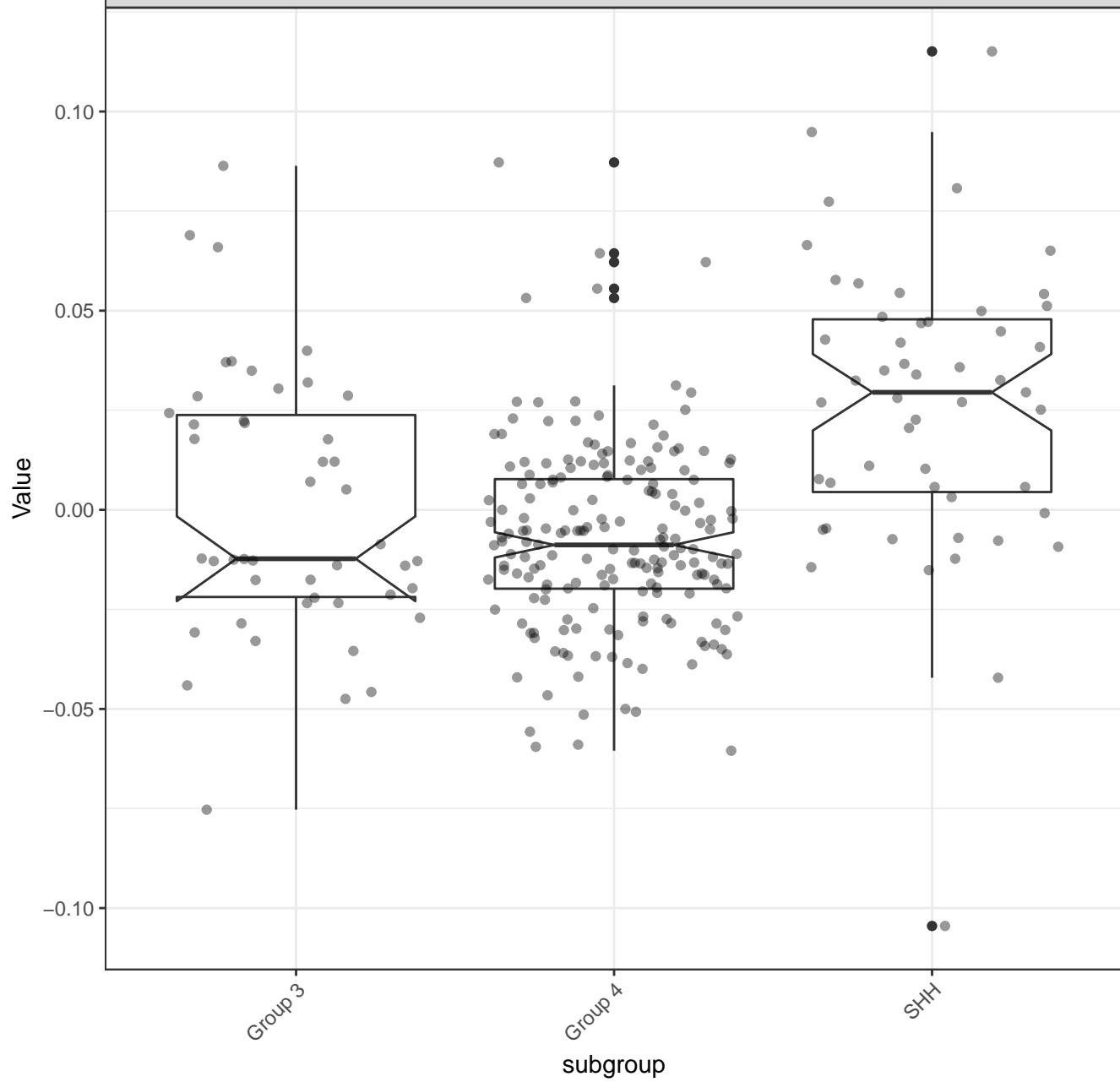
subgroup



LV 399



LV 400



LV 401

Vvalue

0.08

0.04

0.00

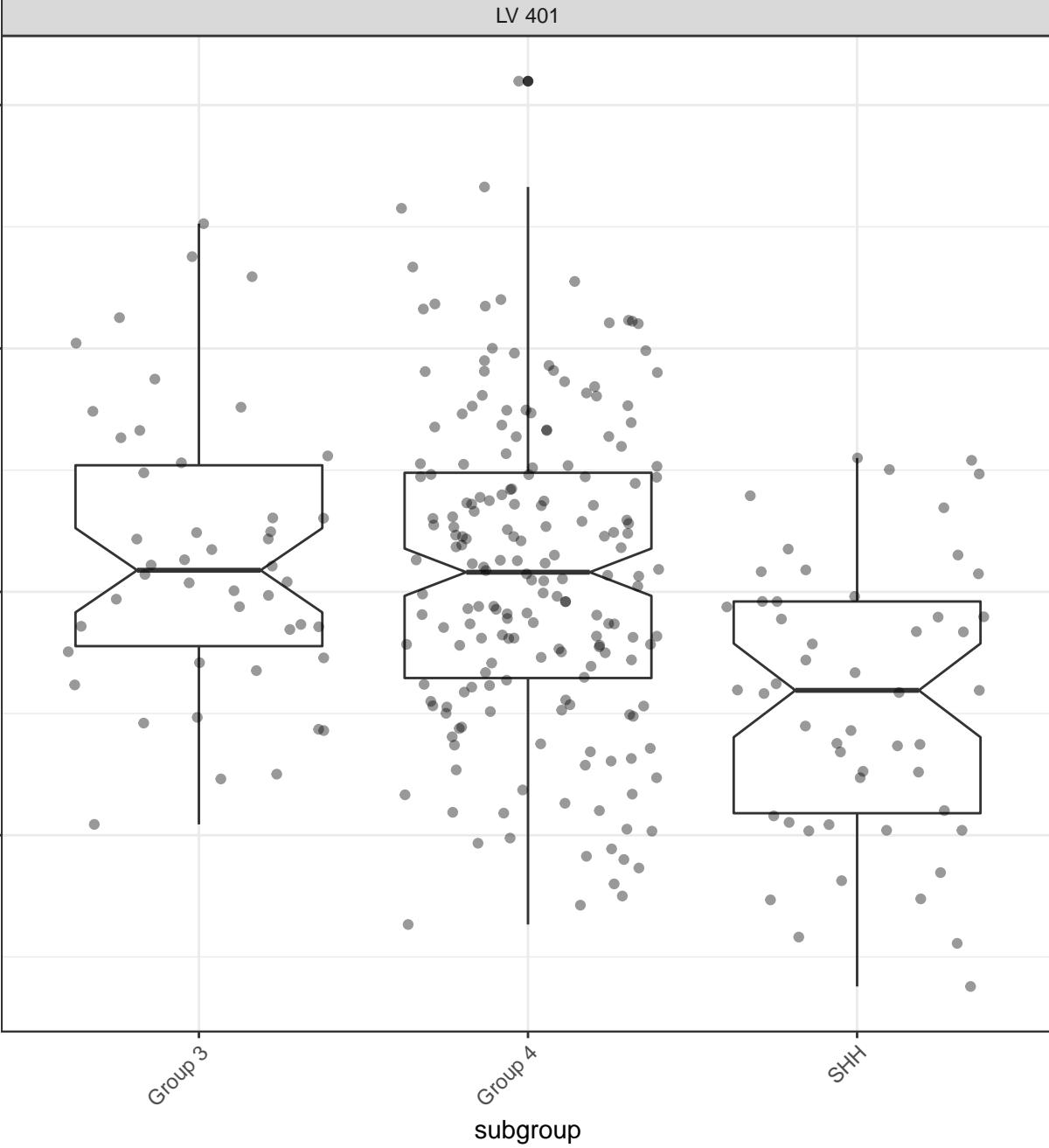
-0.04

Group 3

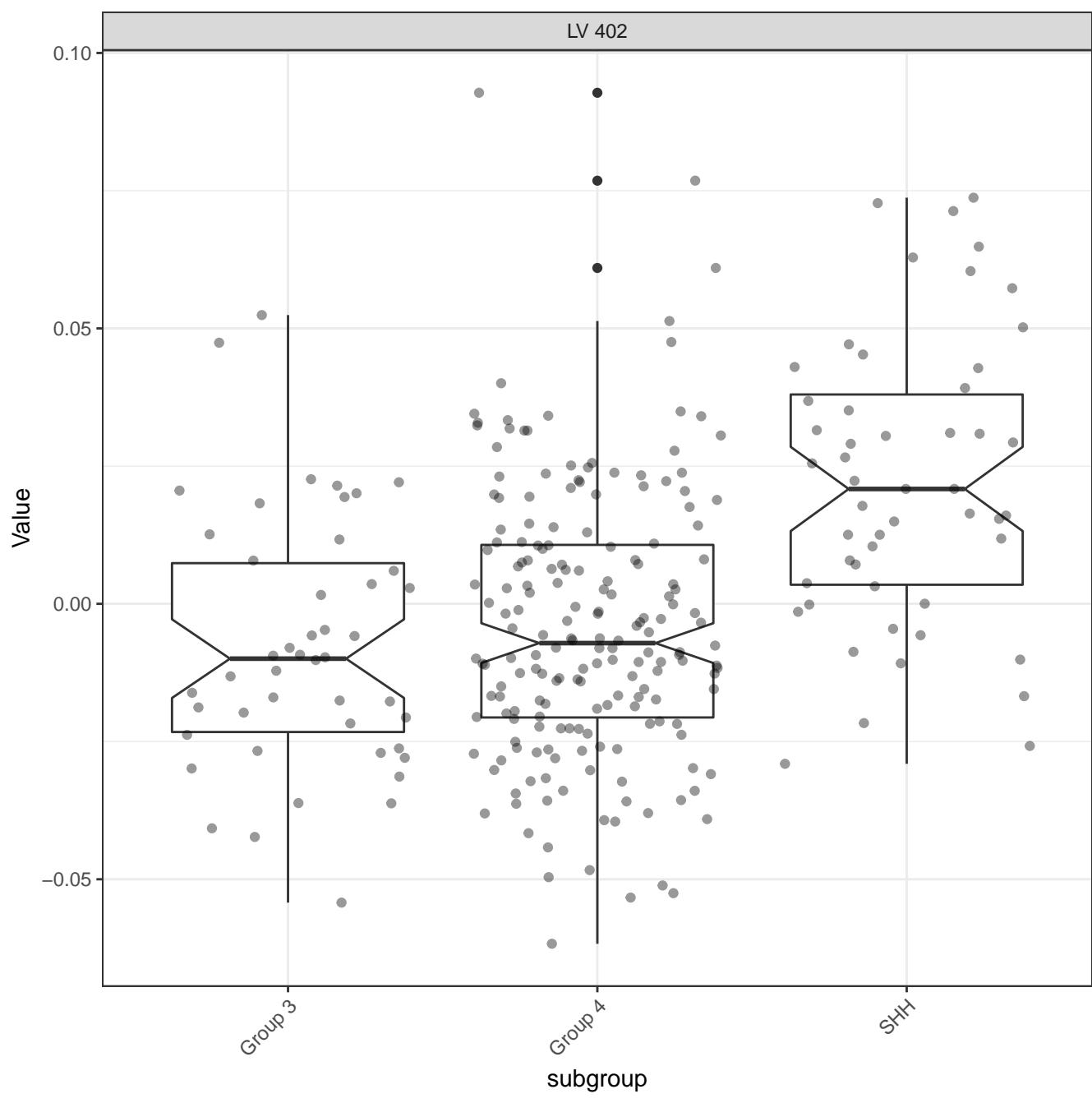
Group 4

SHH

subgroup



LV 402



Value

0.05

0.00

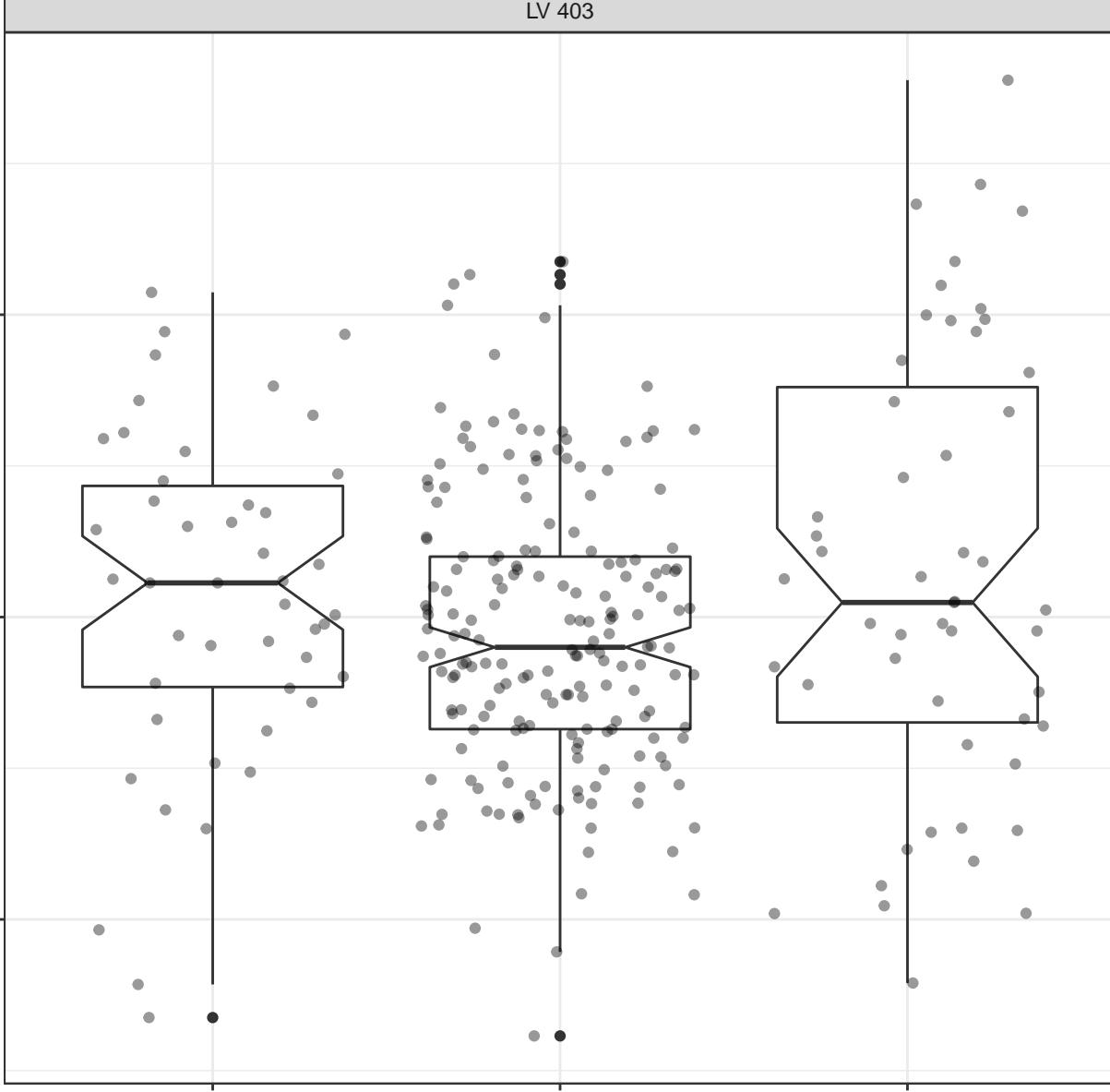
-0.05

Group 3

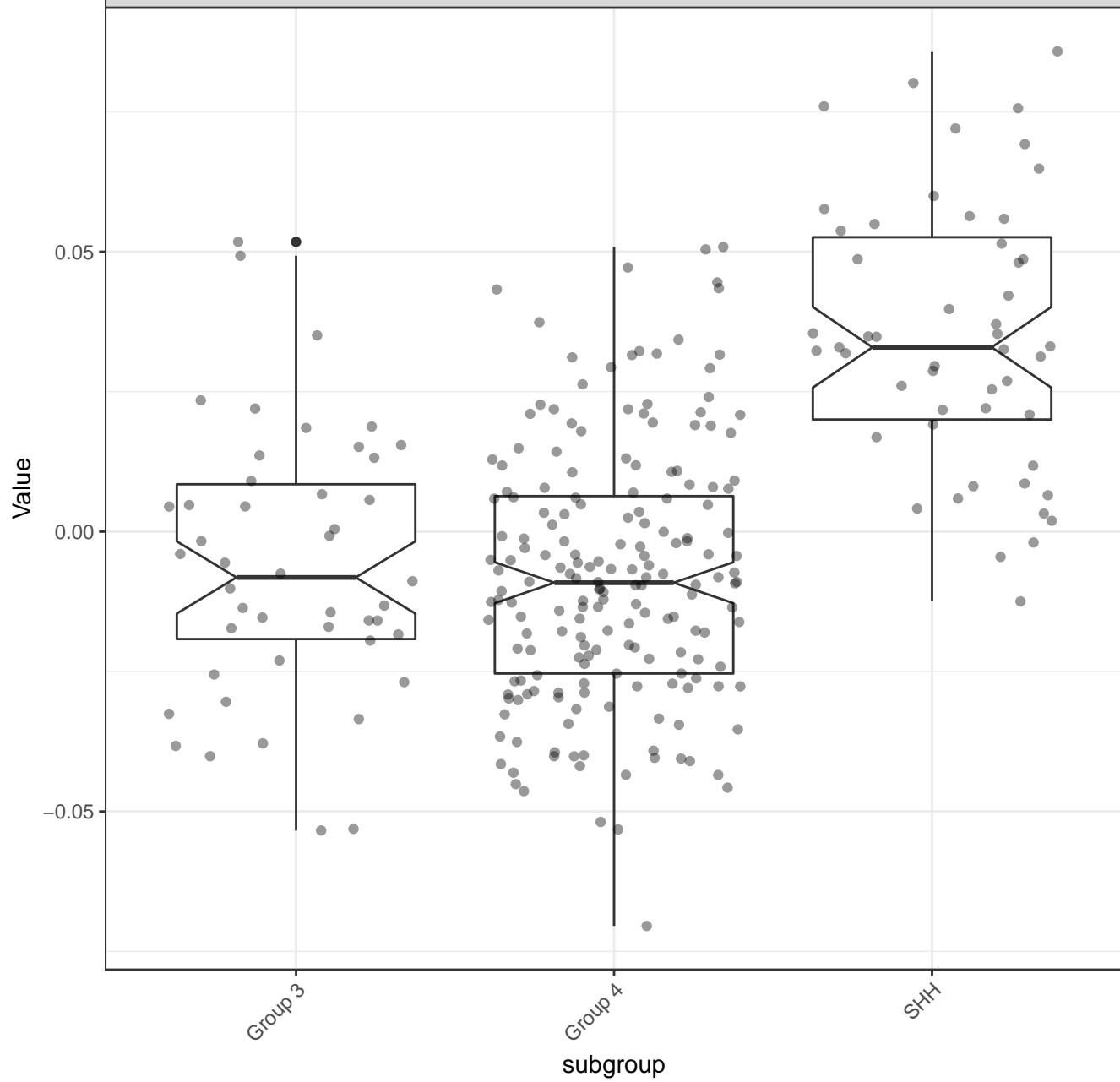
subgroup

Group 4

SHH

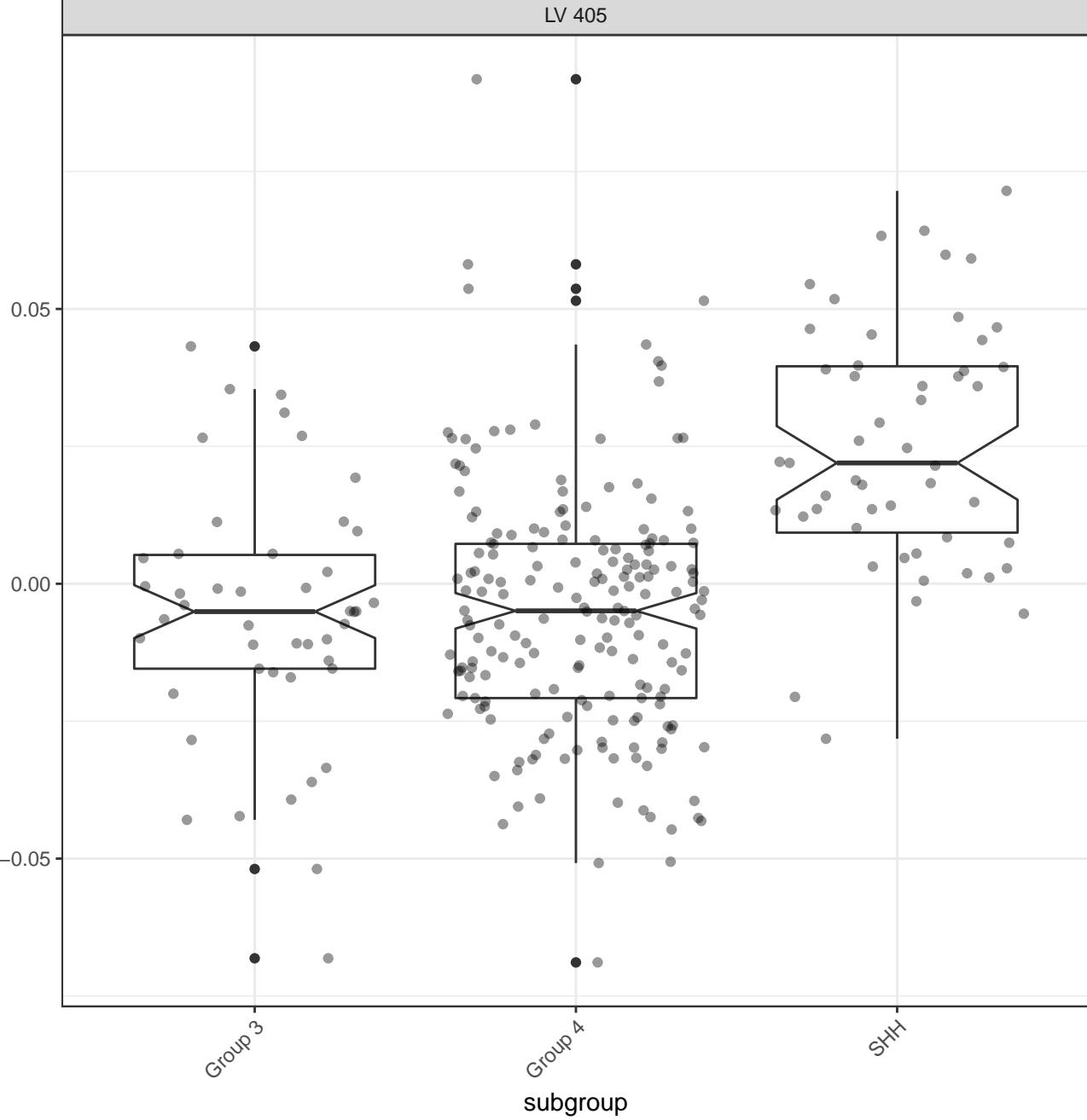


LV 404



LV 405

Value



LV 406

Value

0.10

0.05

0.00

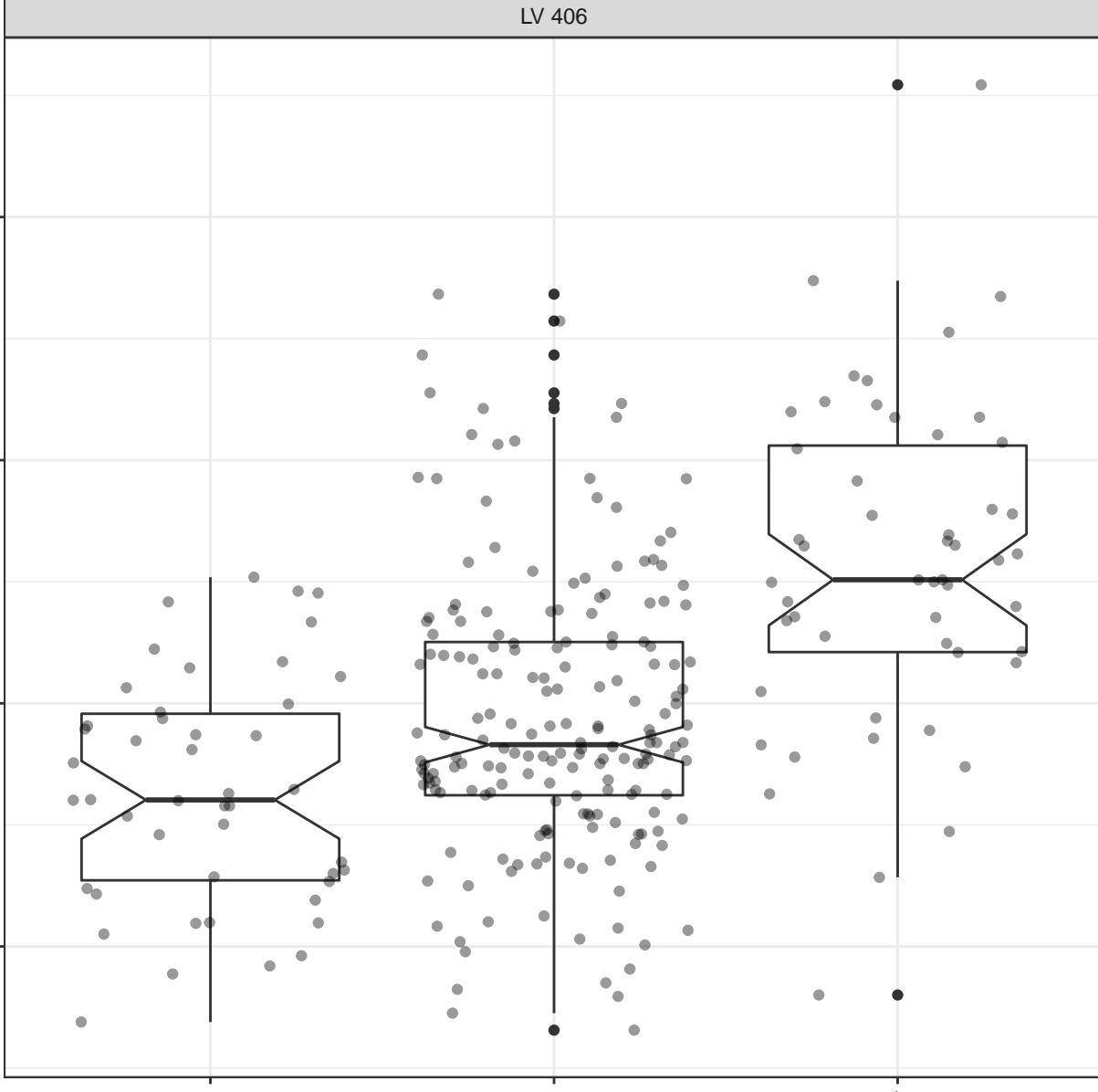
-0.05

Group 3

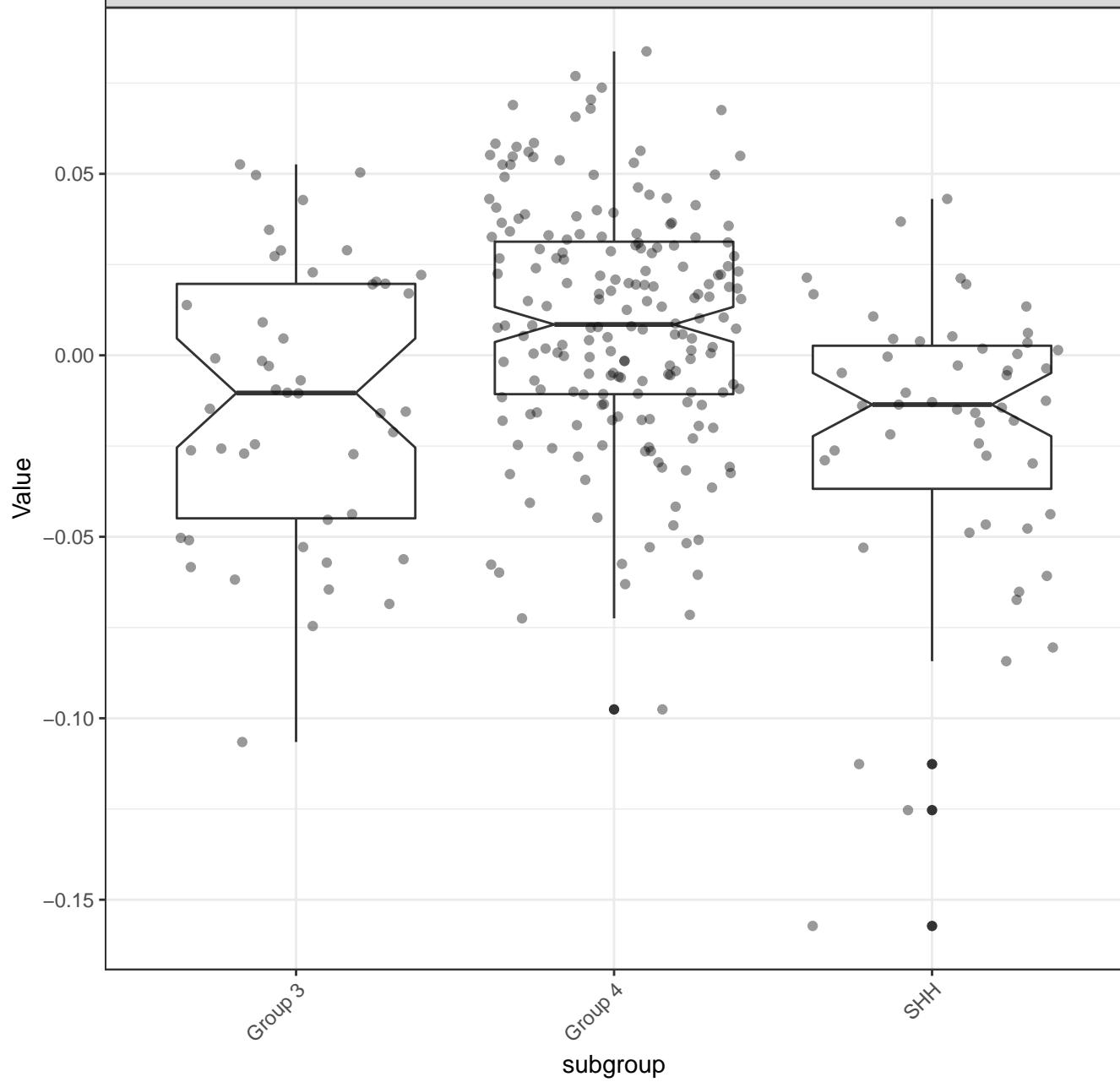
subgroup

Group 4

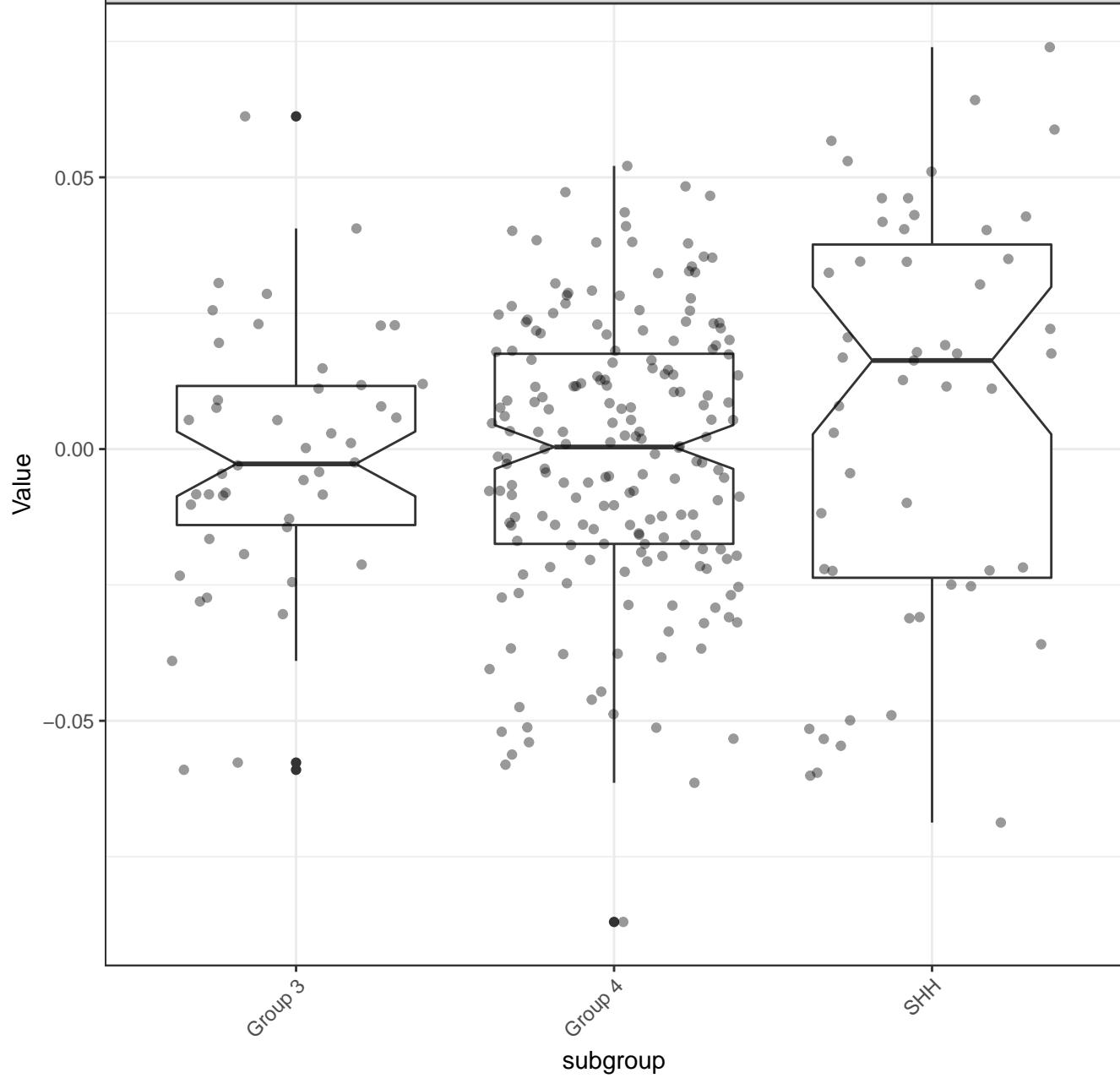
SHH



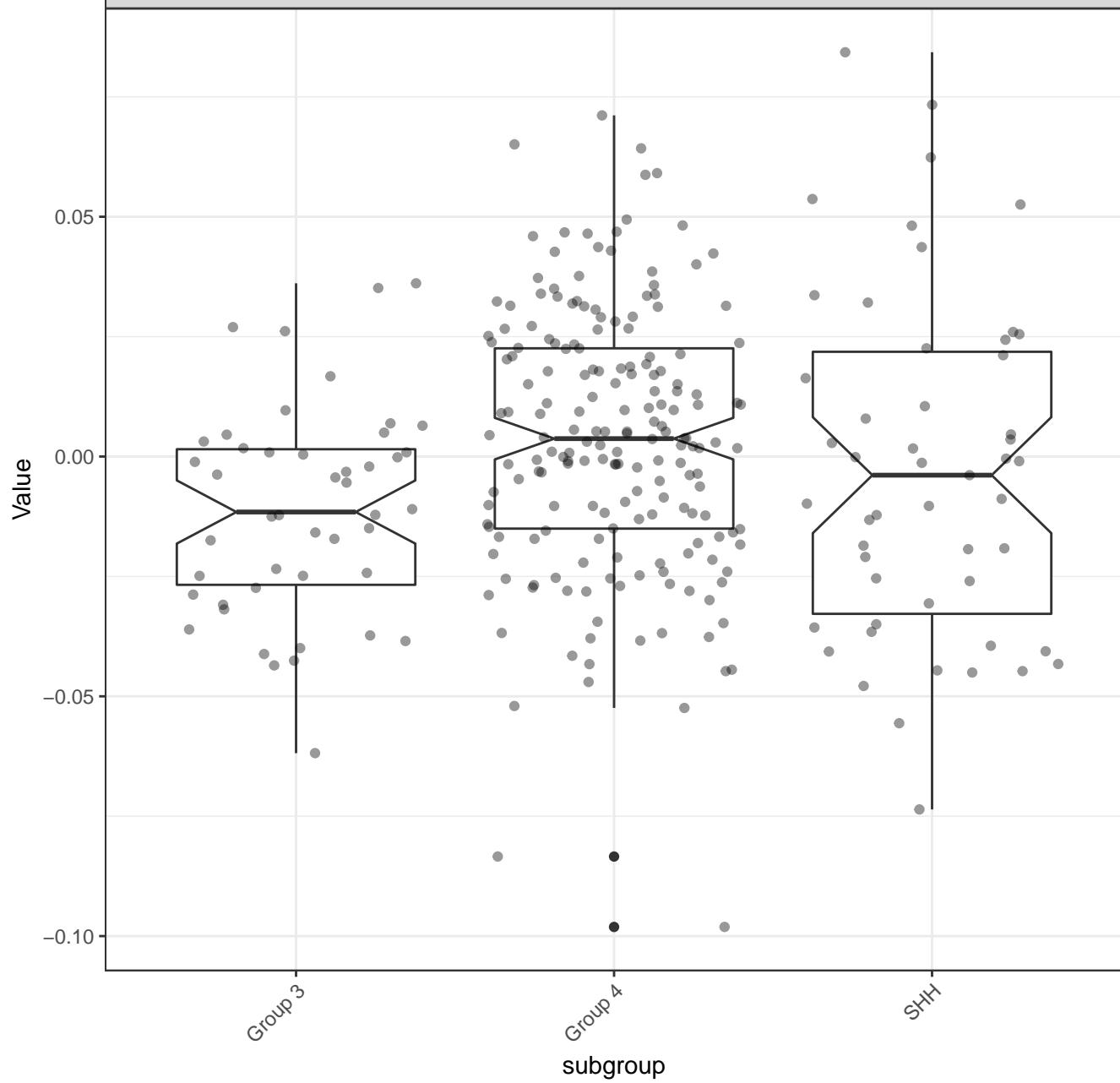
LV 407



LV 408

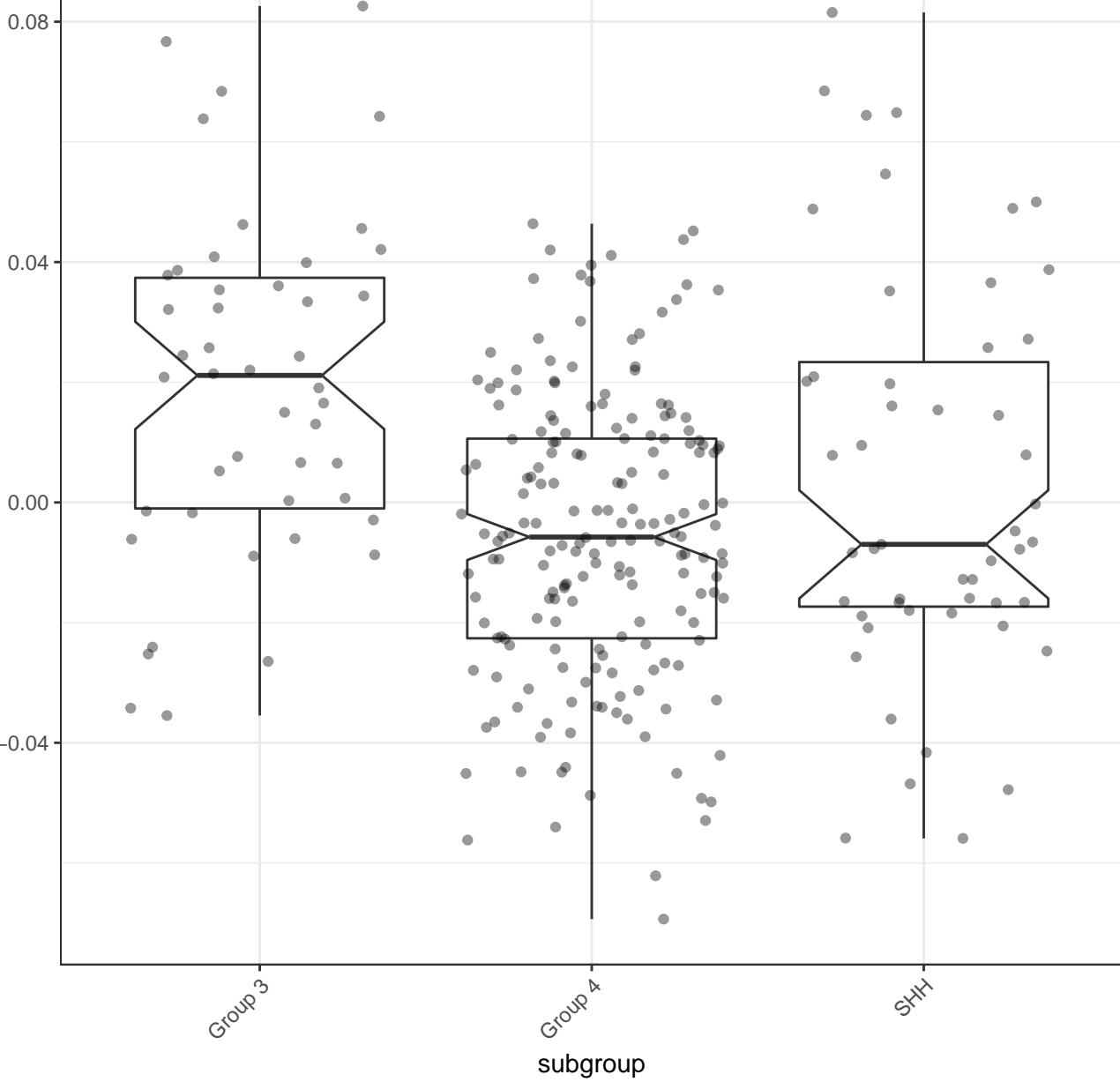


LV 409



LV 410

Vvalue



LV 411

Value

0.10

0.05

0.00

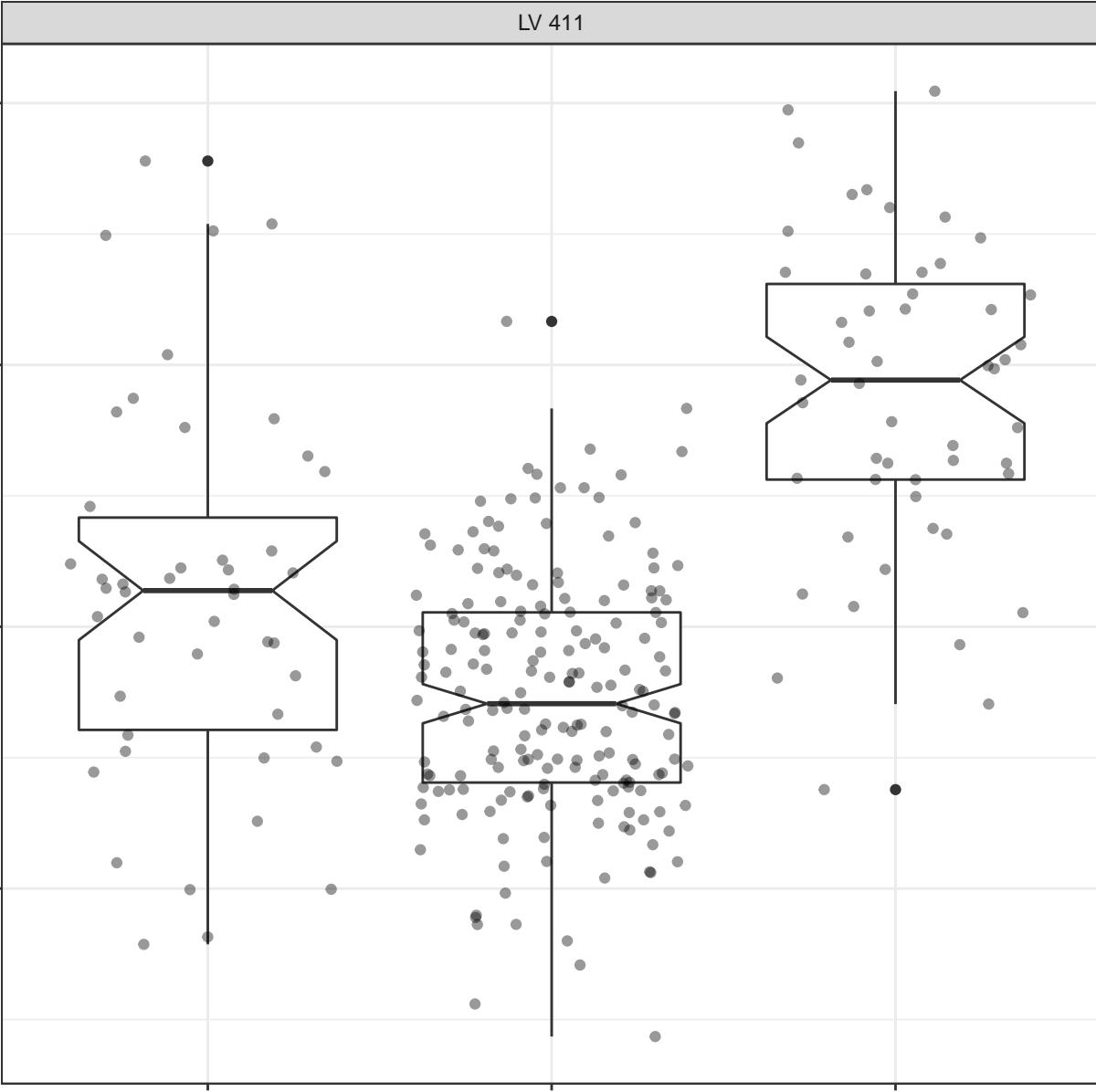
-0.05

Group 3

subgroup

Group 4

SHH



LV 412

Value

0.05

0.00

-0.05

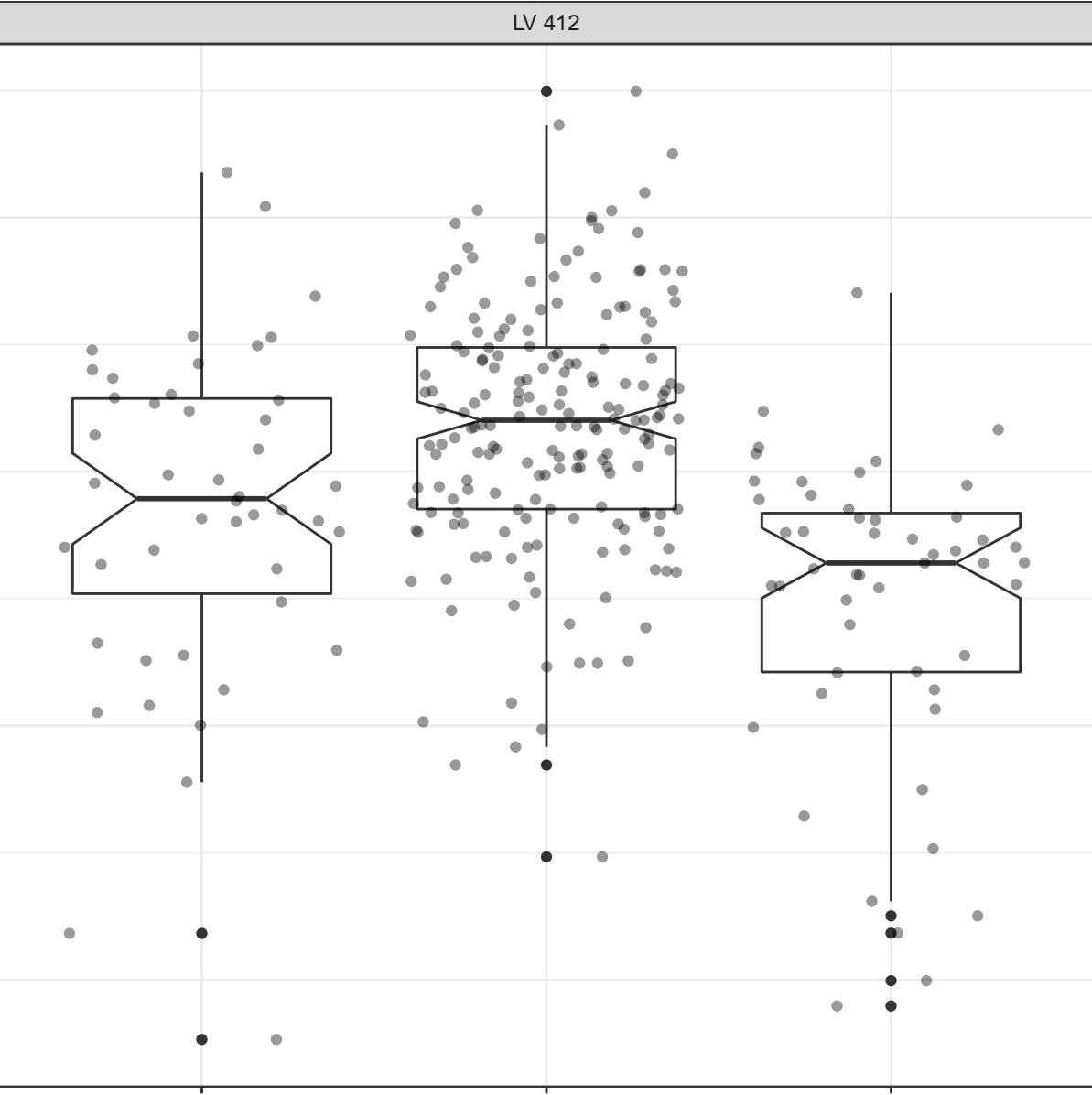
-0.10

Group 3

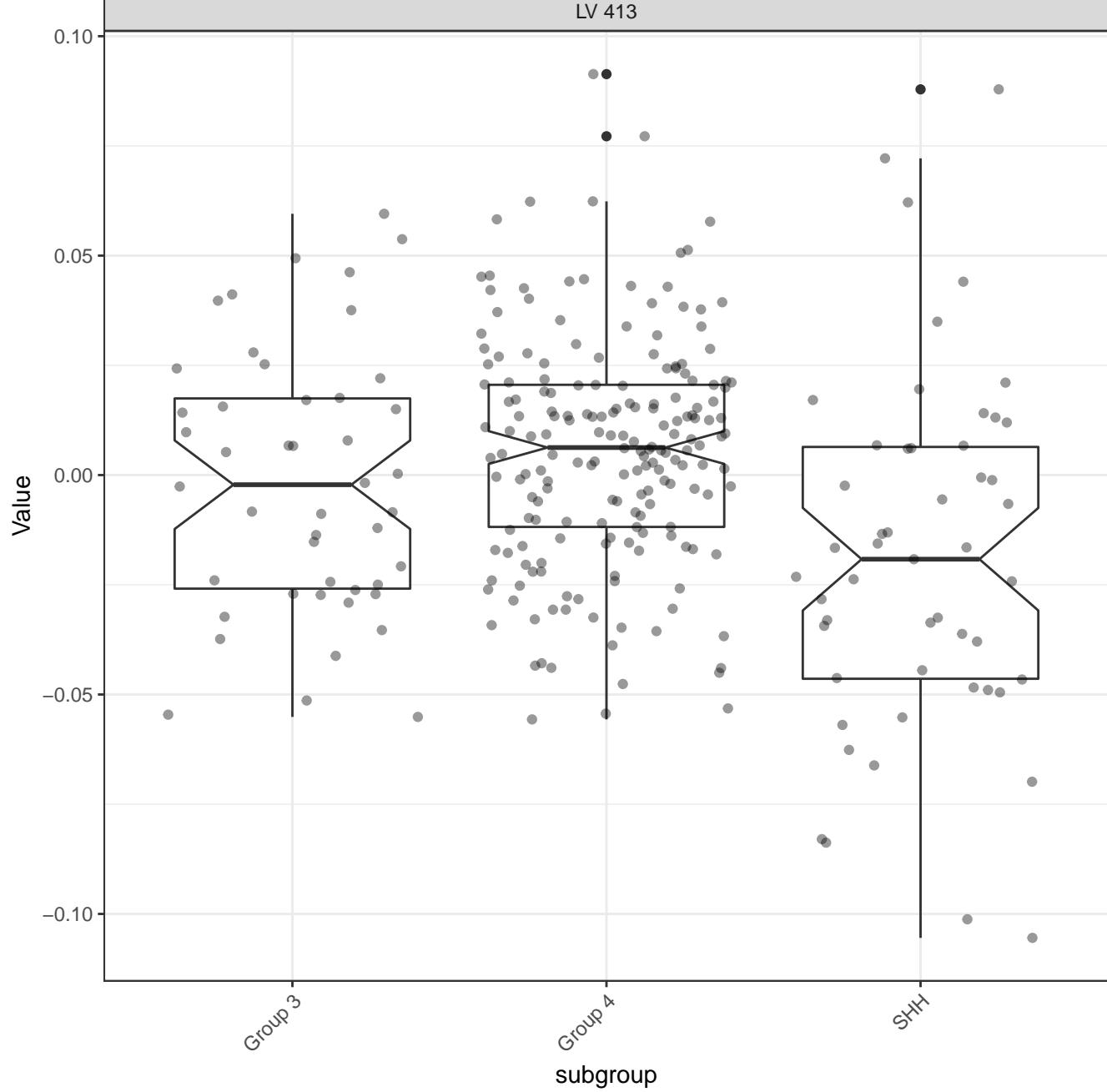
subgroup

Group 4

SHH



LV 413



LV 414

Value

0.10

0.05

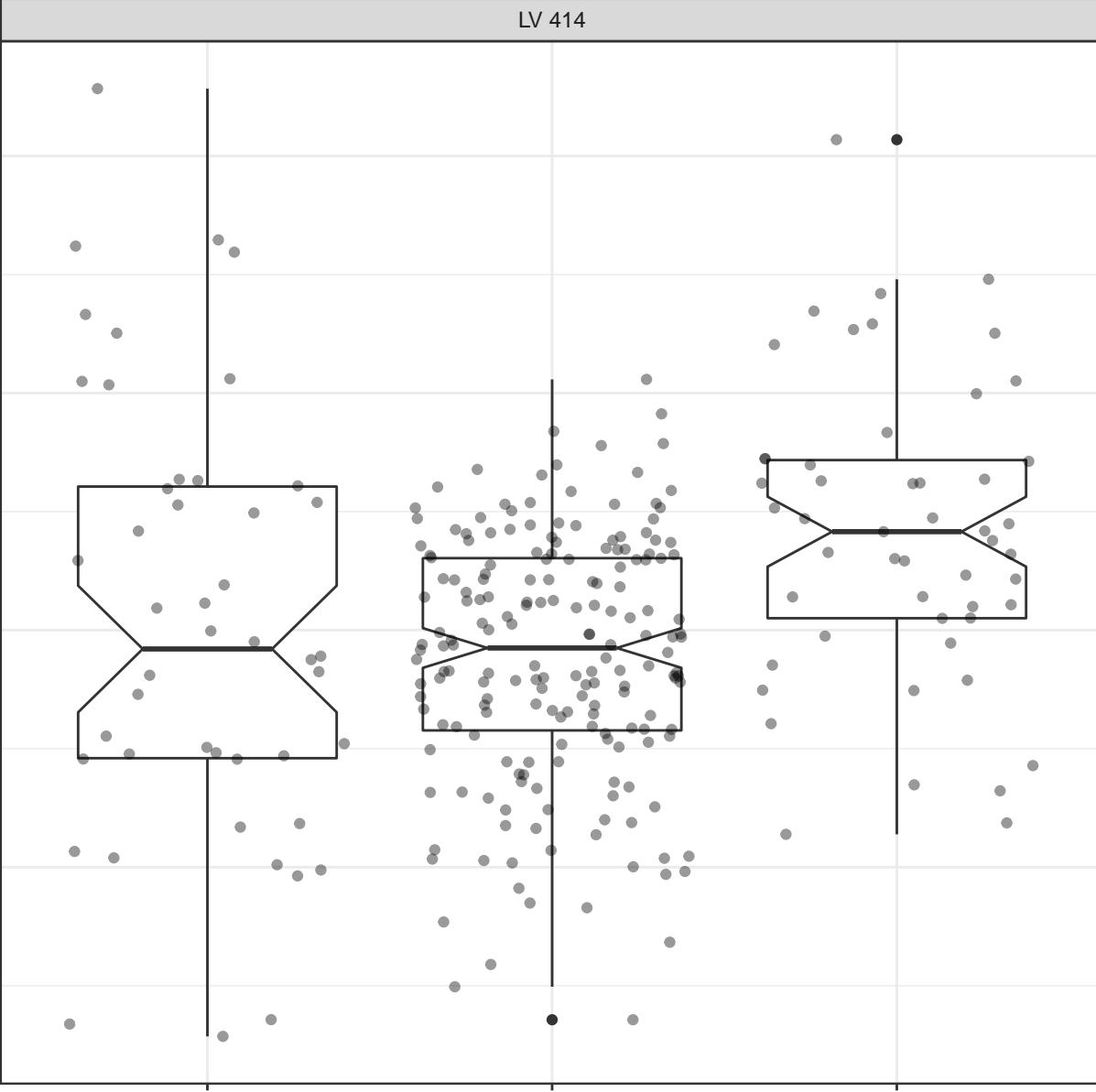
0.00

-0.05

Group 3

subgroup

SHH



LV 415

Value

0.10

0.05

0.00

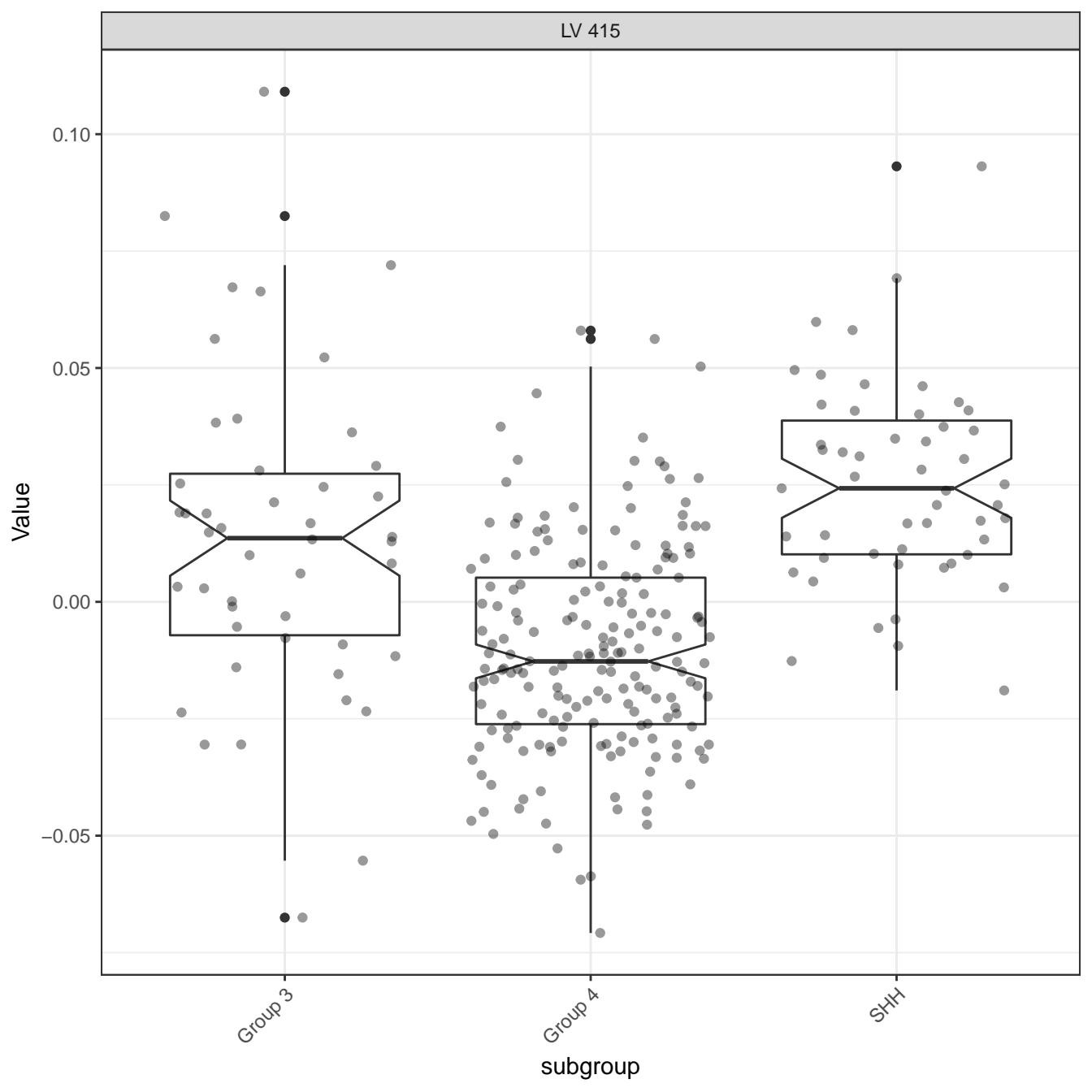
-0.05

Group 3

subgroup

SHH

Group 4



LV 416

Value

0.05

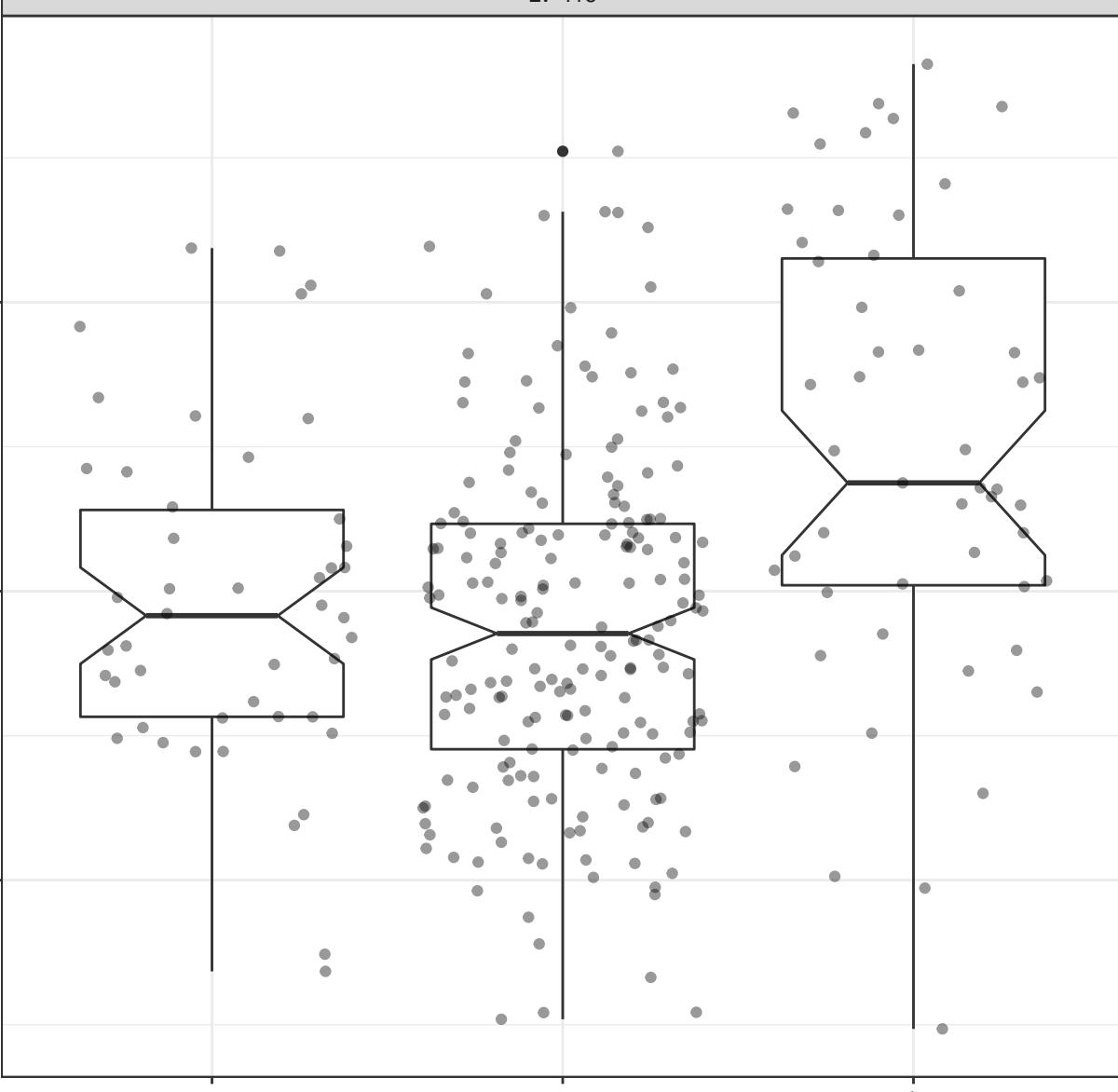
0.00

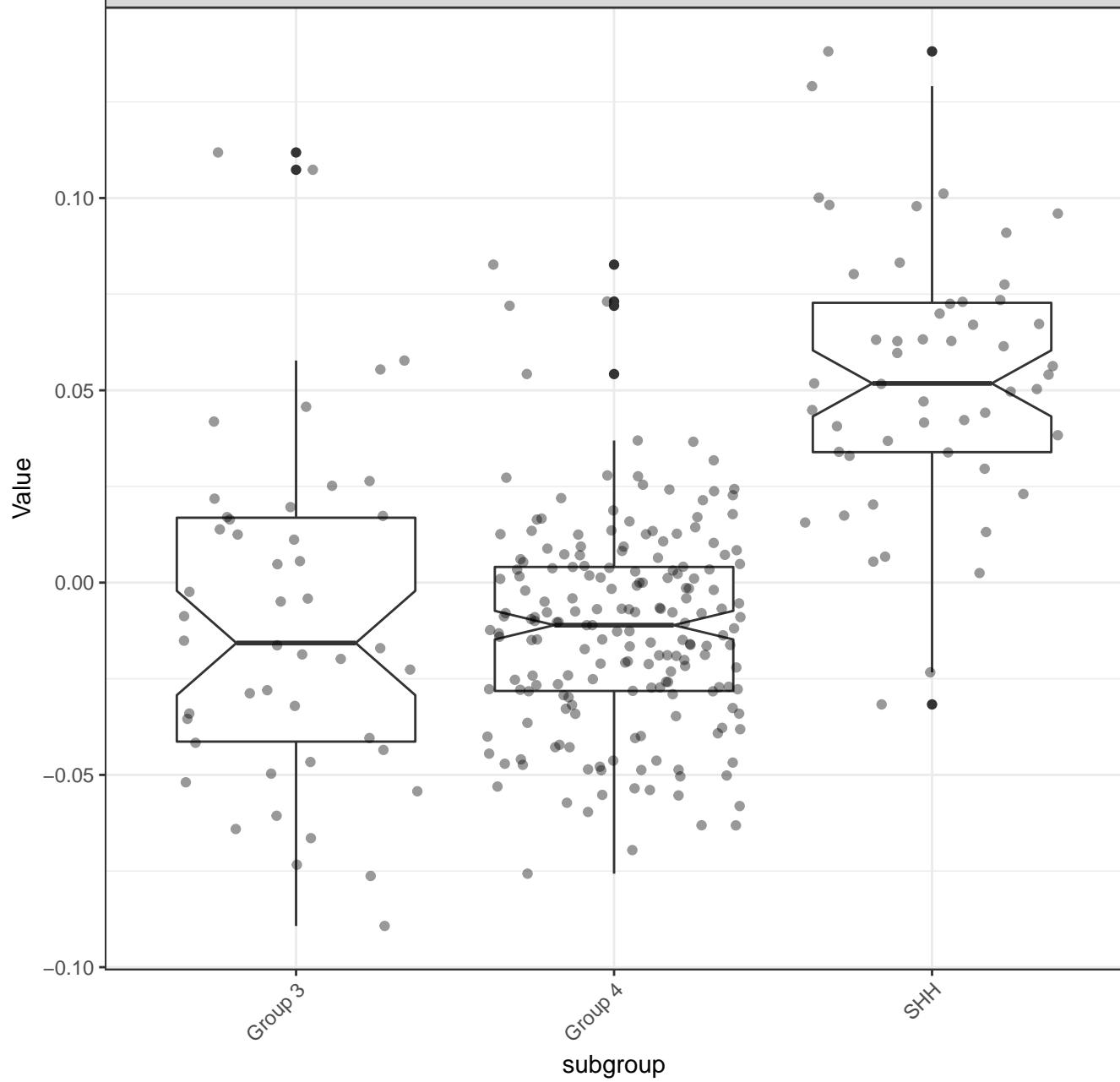
-0.05

Group 3

subgroup

SHH





Value

0.1

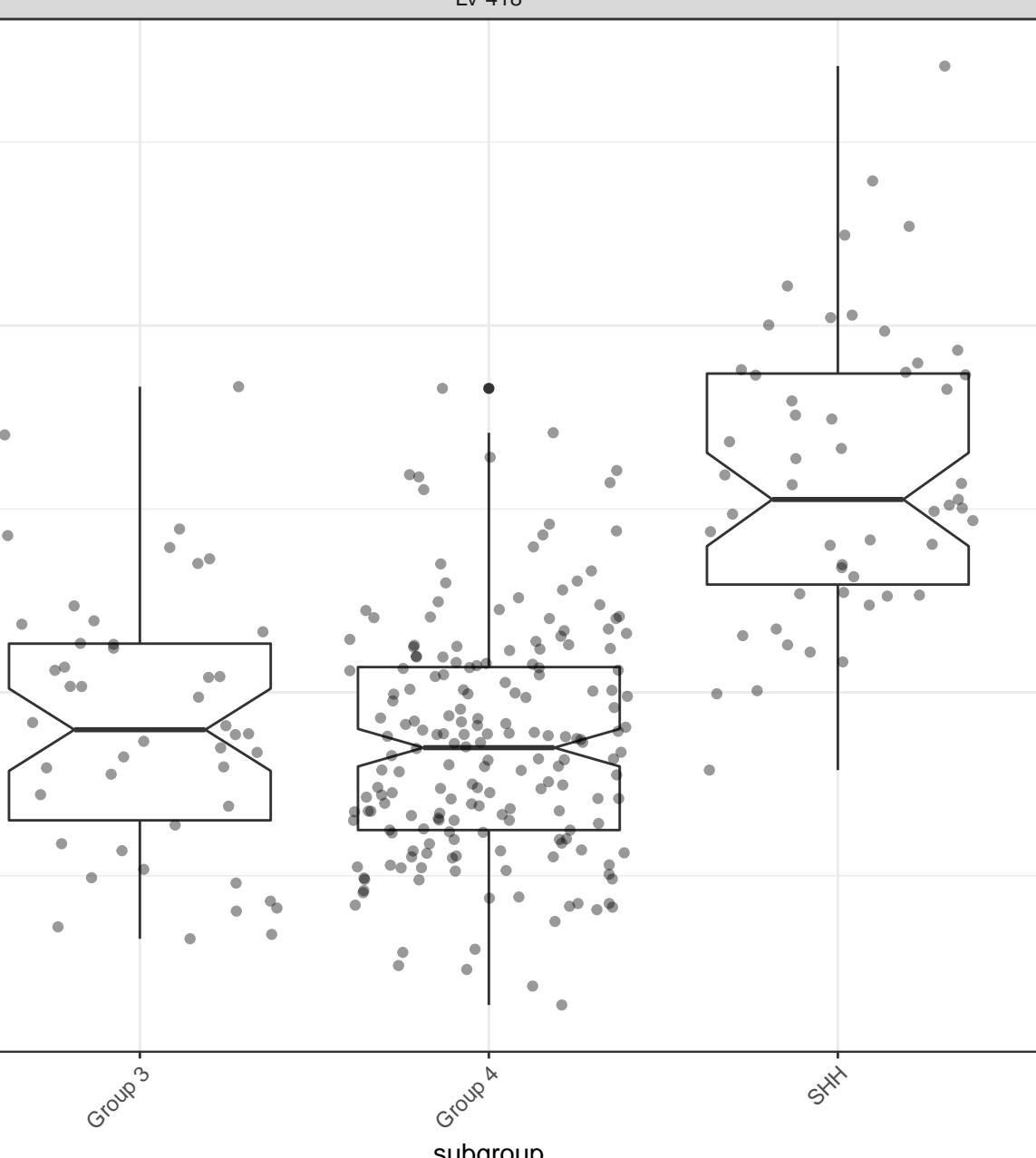
0.0

Group 3

Group 4

SHH

subgroup



Value

0.1

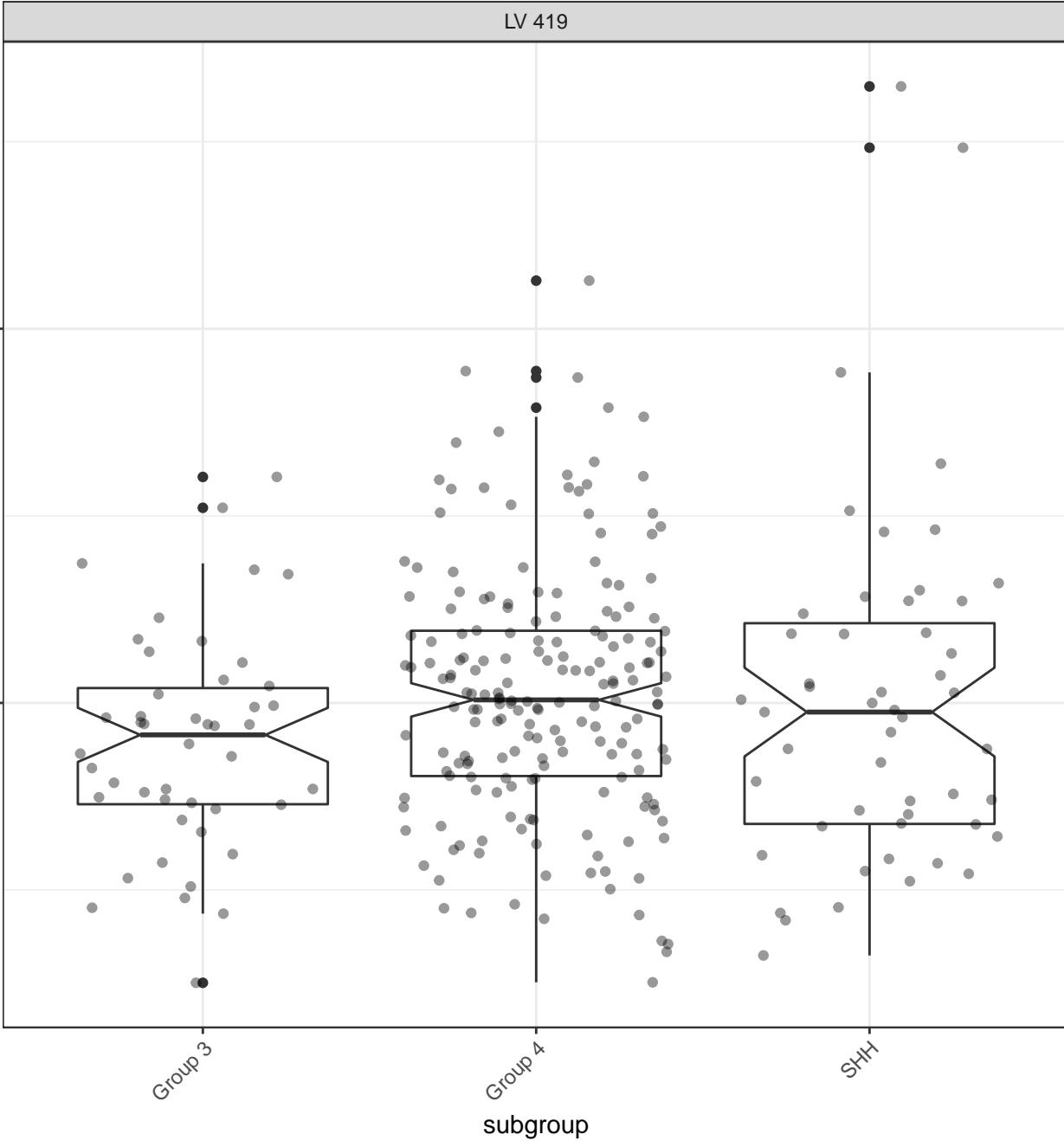
0.0

Group 3

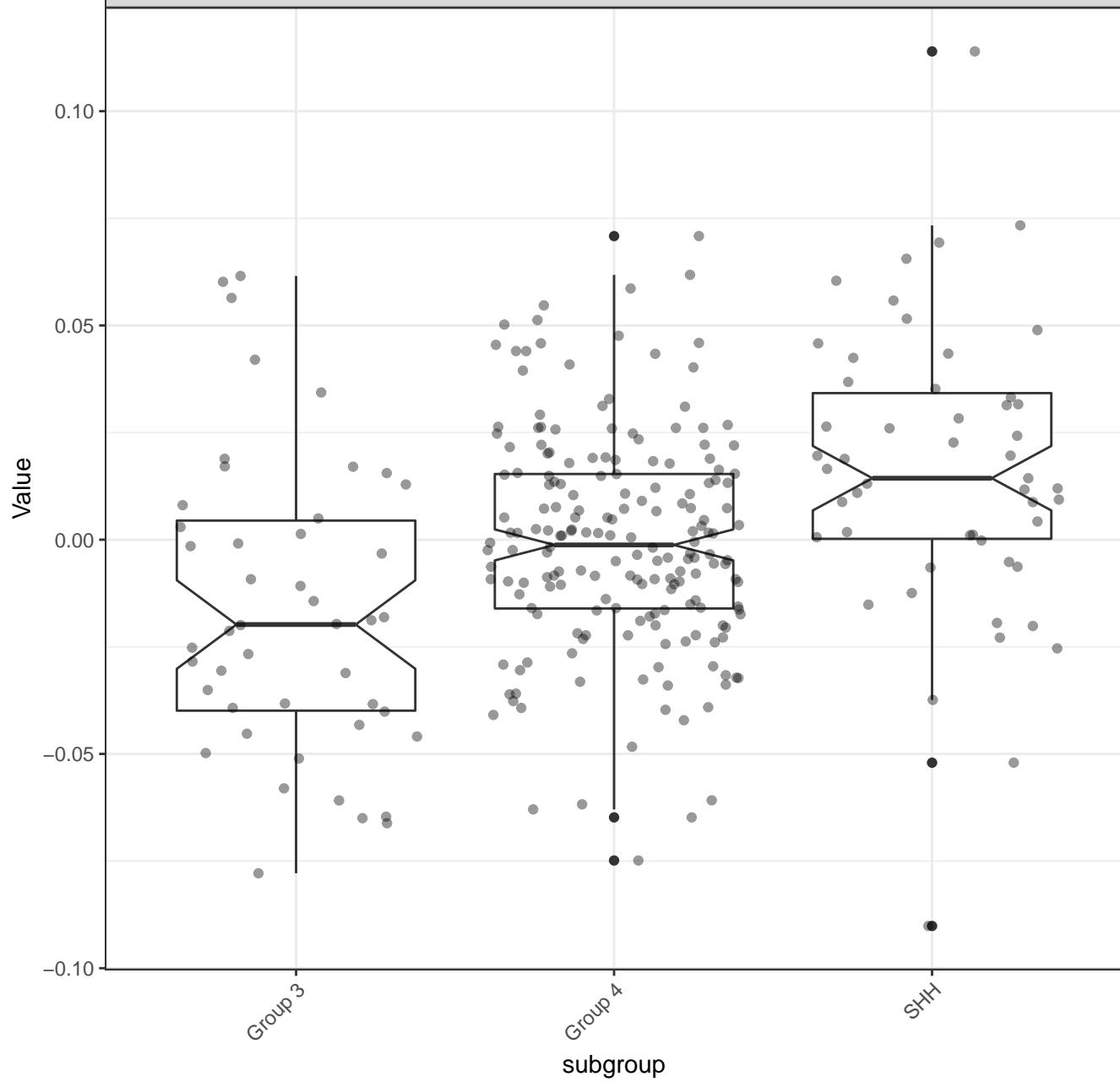
Group 4

SHH

subgroup



LV 420



LV 421

Value

0.10

0.05

0.00

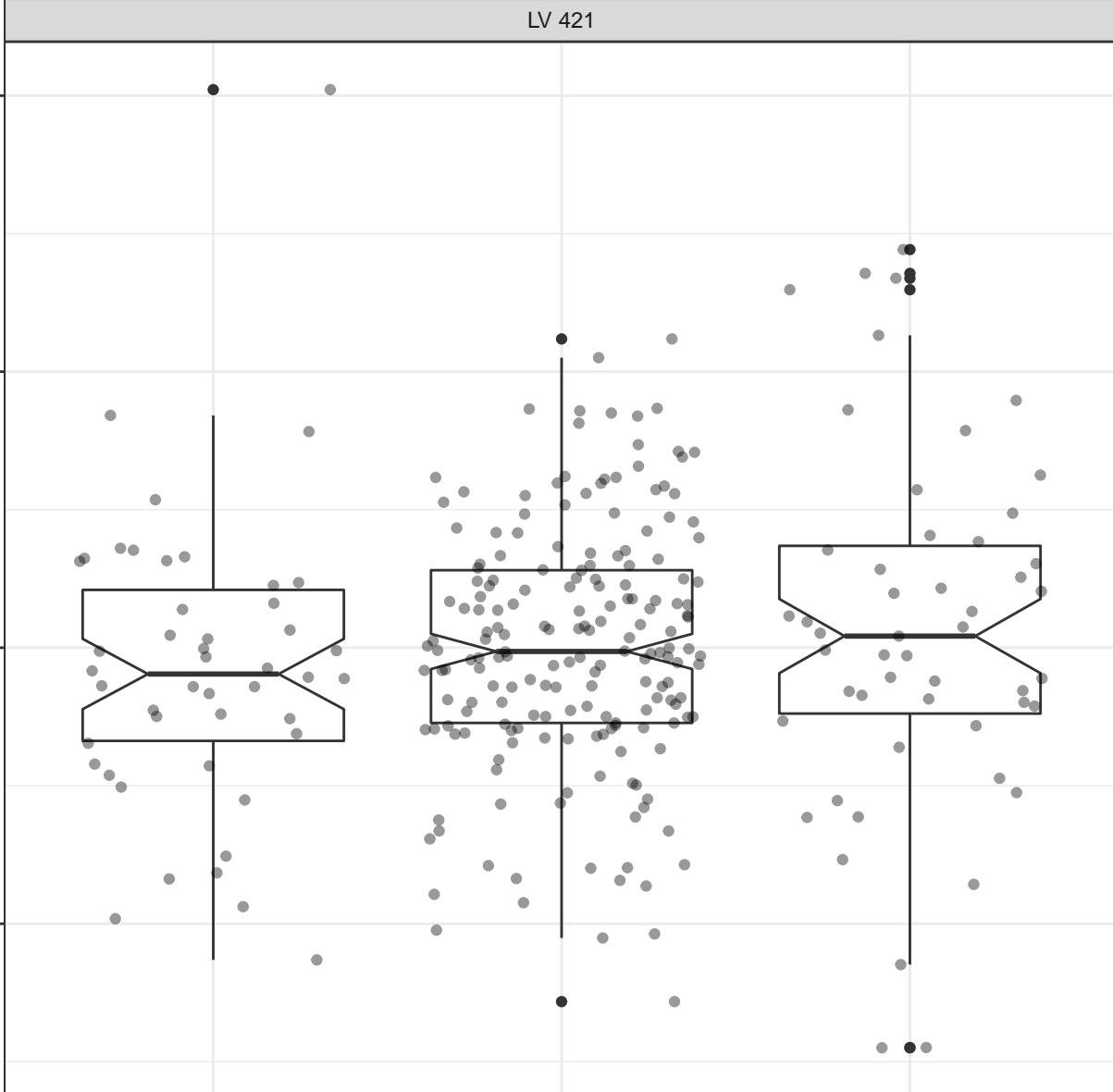
-0.05

Group 3

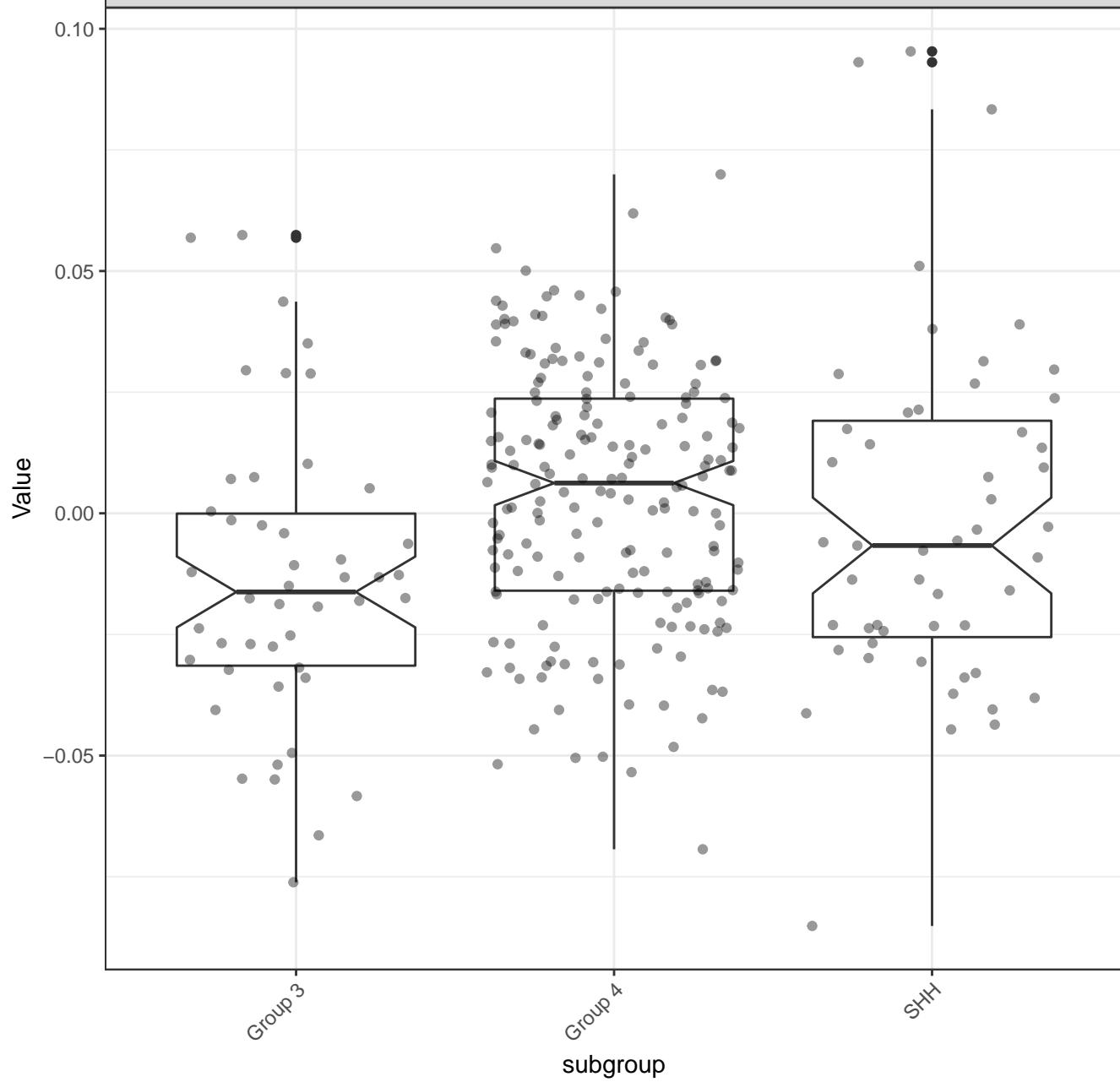
subgroup

Group 4

SHH



LV 422



LV 423

Value

0.08

0.04

0.00

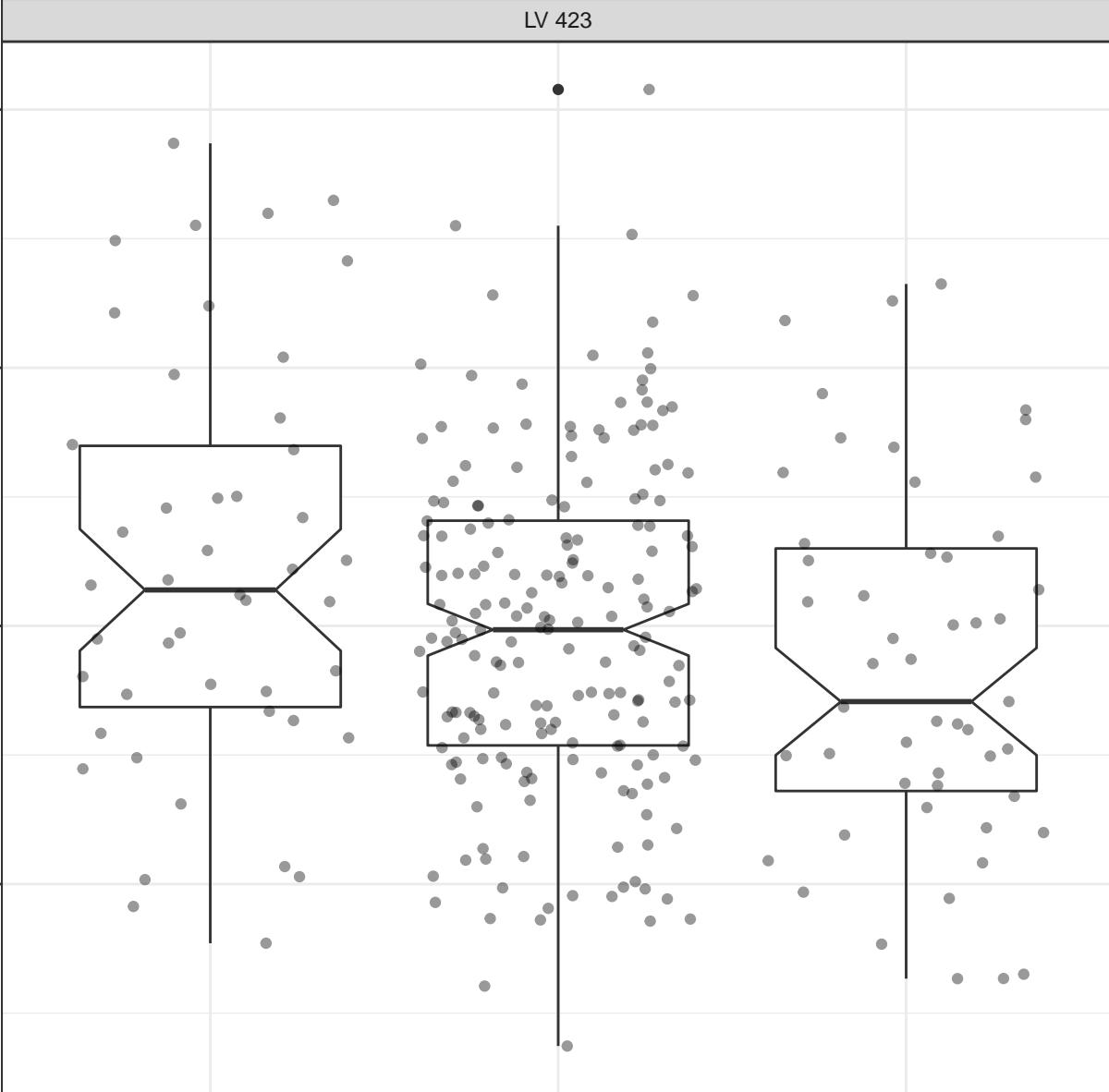
-0.04

Group 3

Group 4

SHH

subgroup



LV 424

Value

0.05

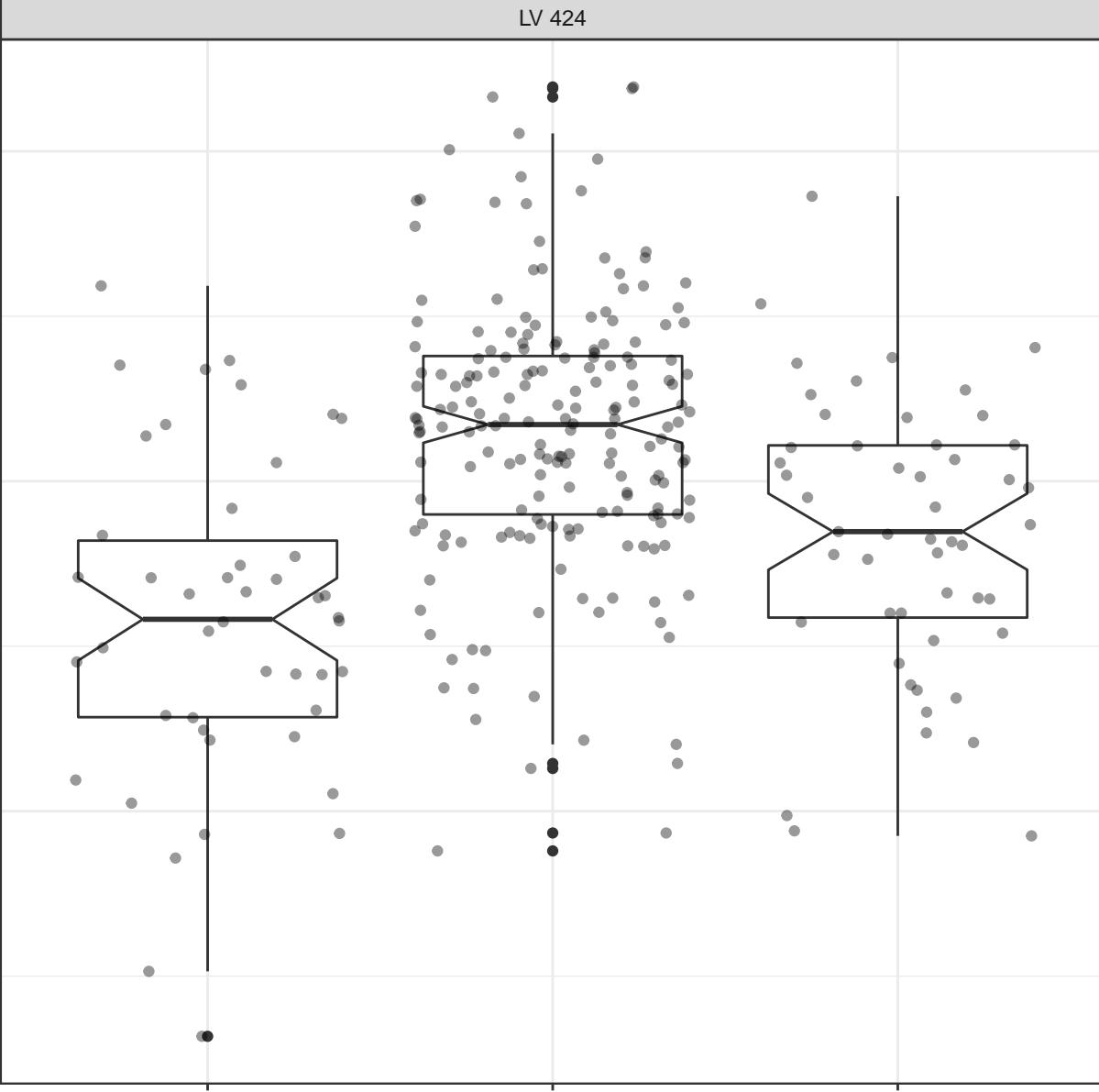
0.00

-0.05

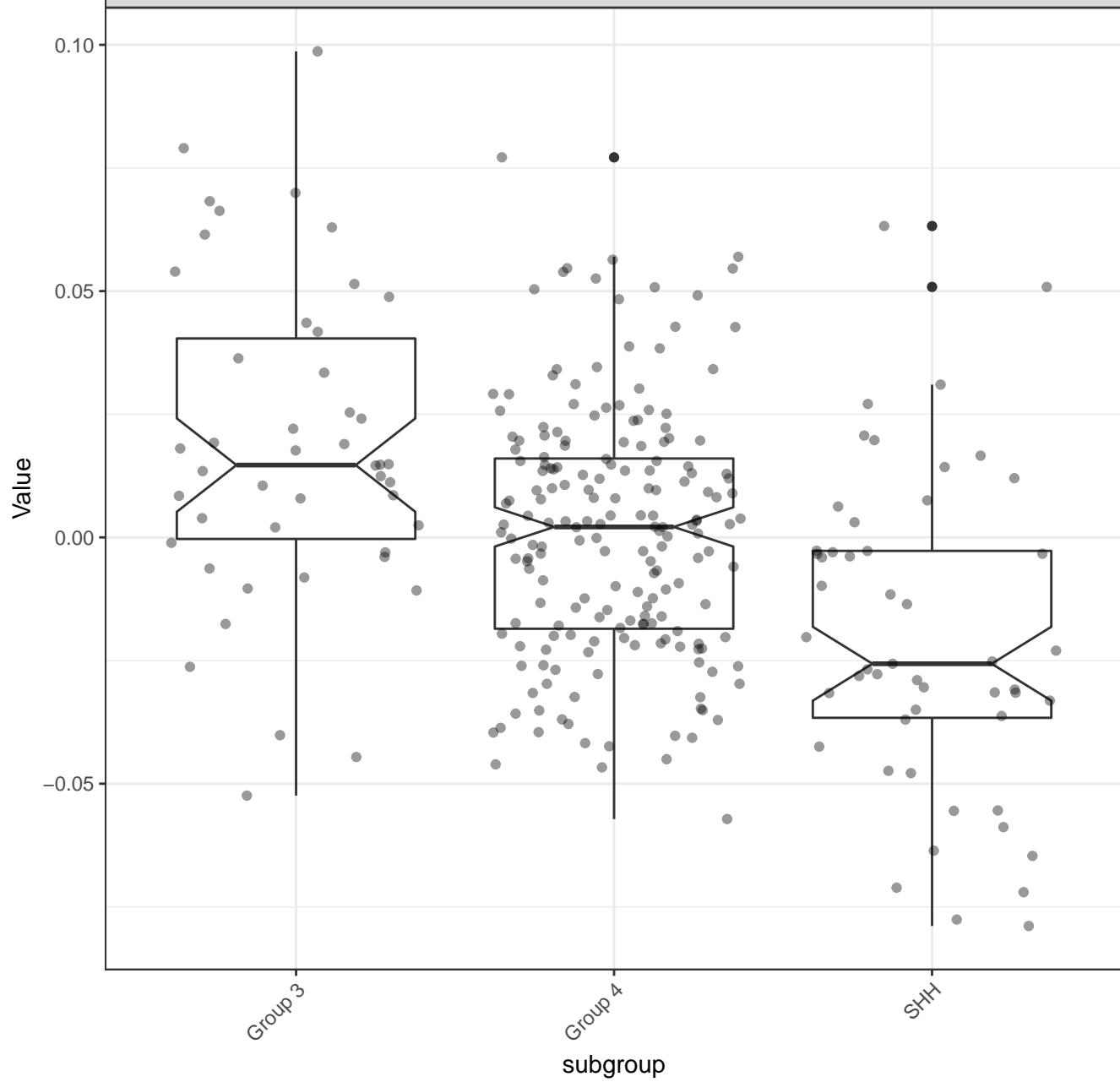
Group 3

subgroup

SHH



LV 425



LV 426

Value

0.04

0.00

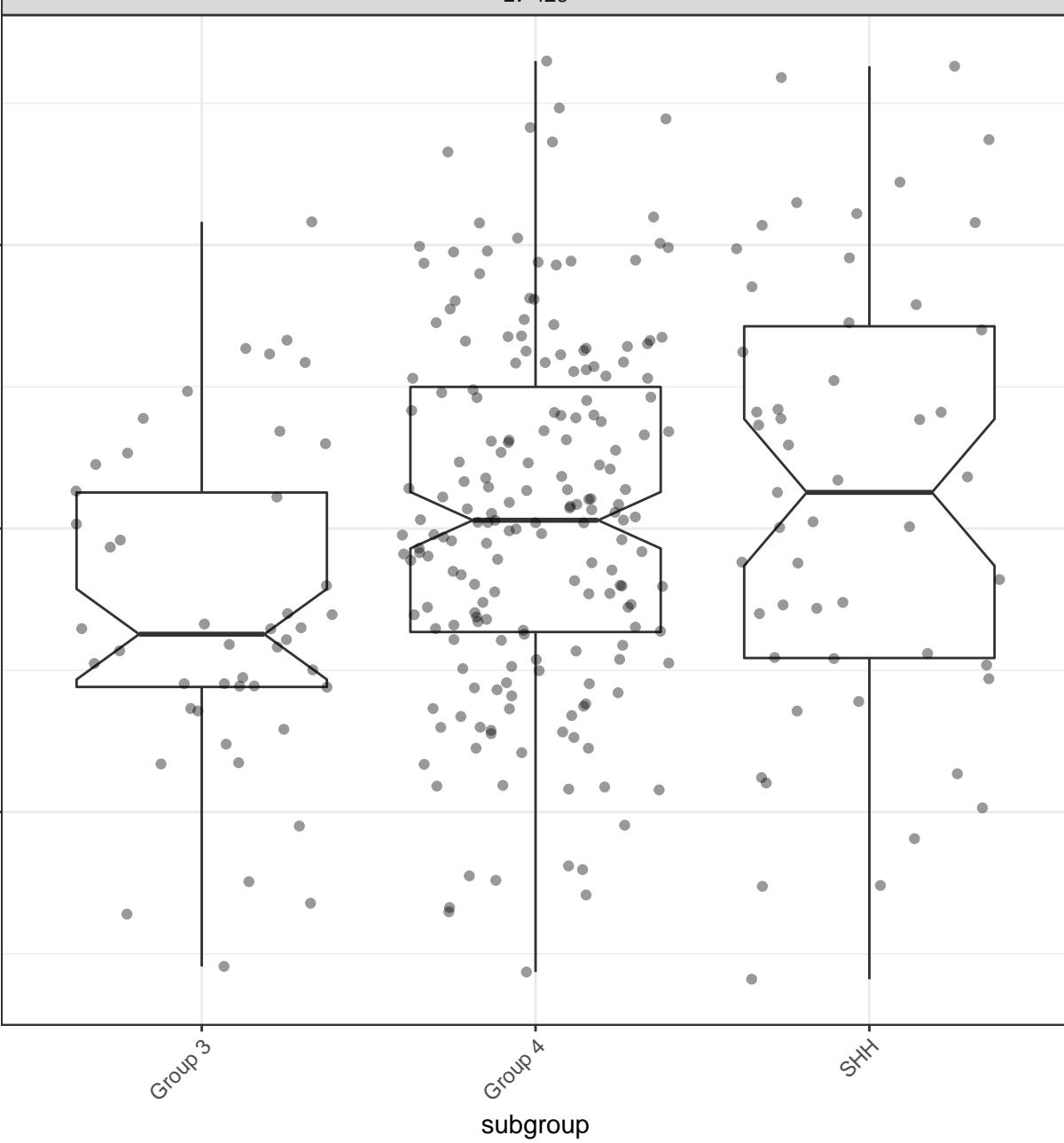
-0.04

Group 3

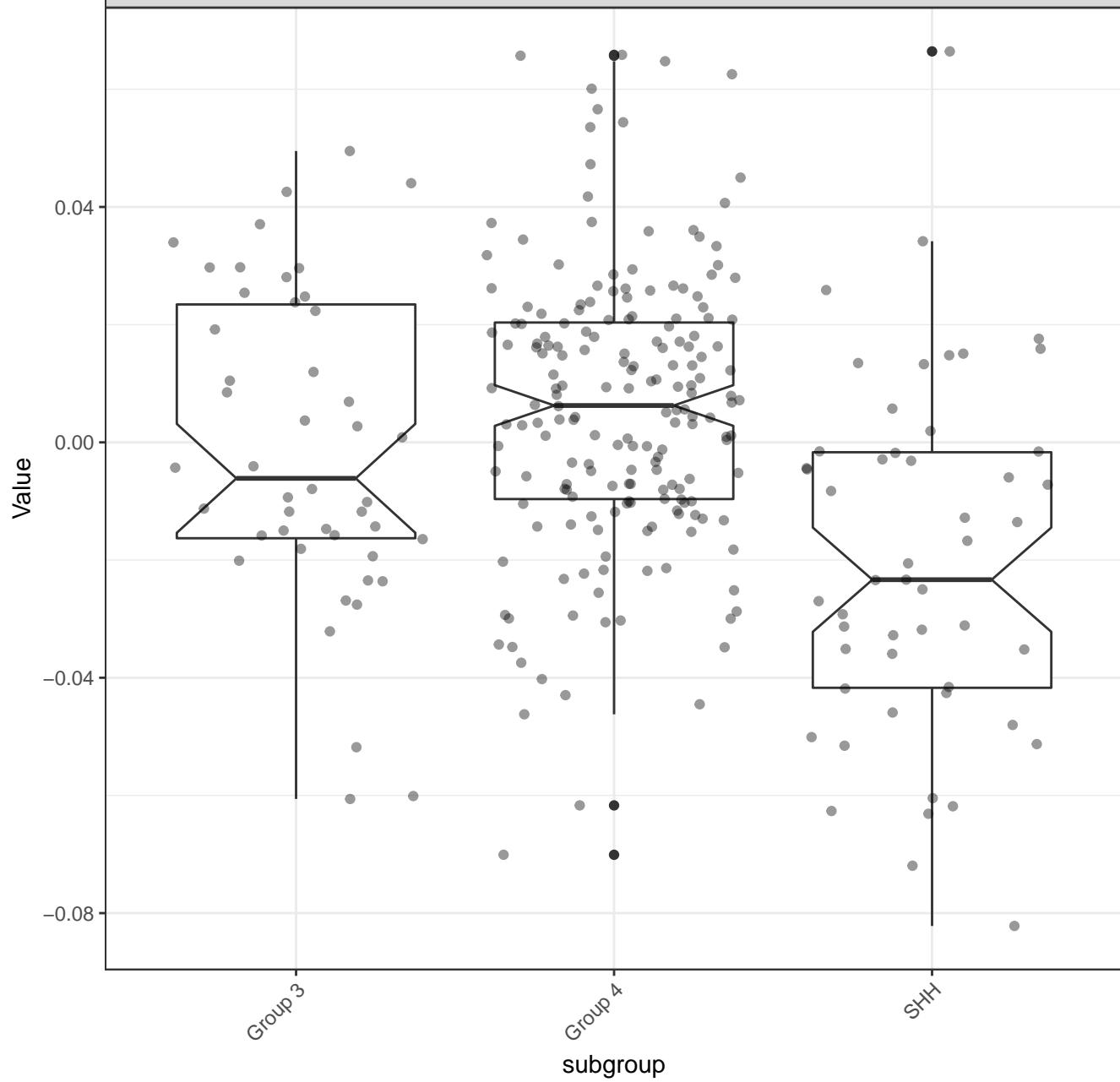
Group 4

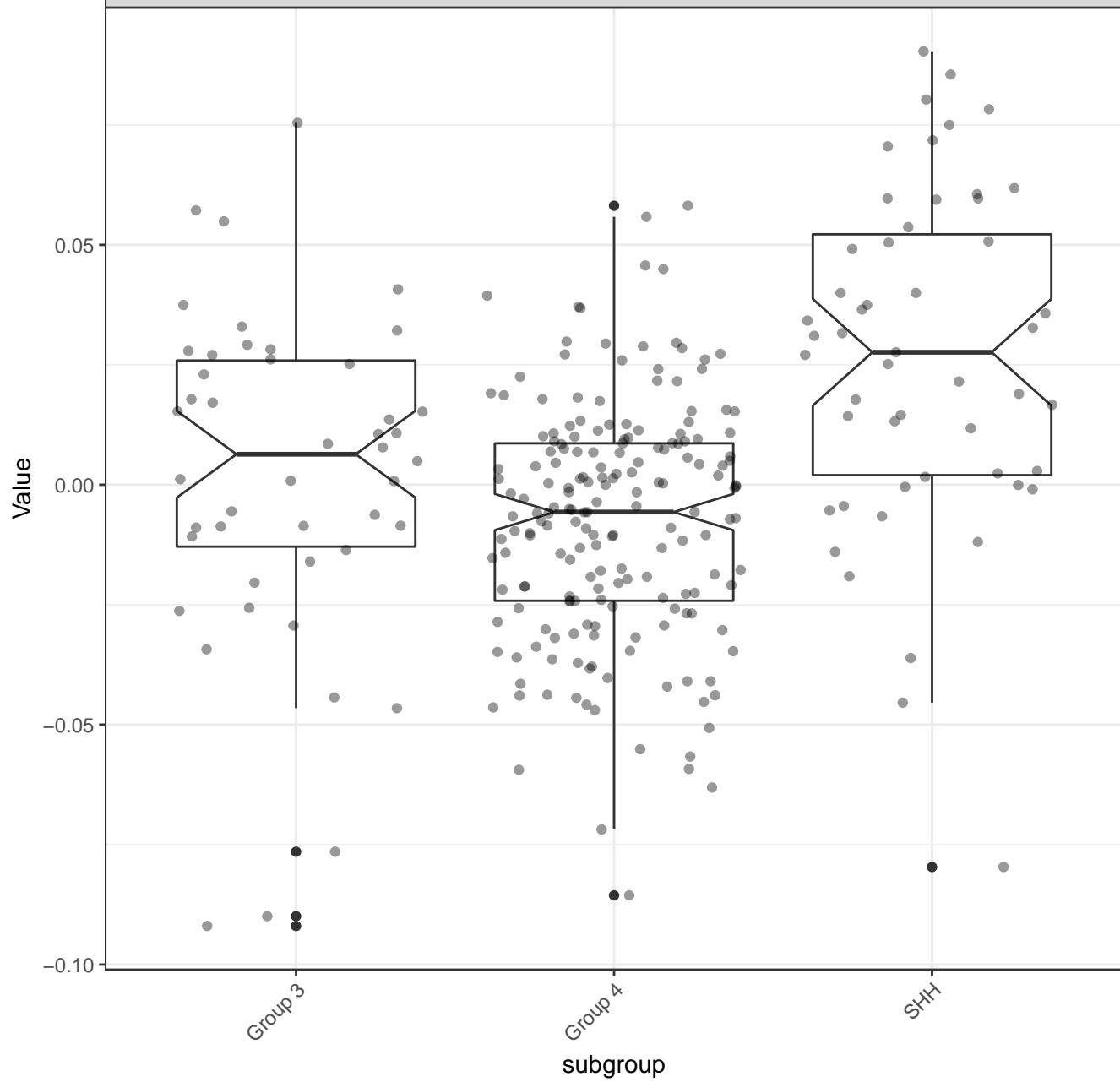
SHH

subgroup

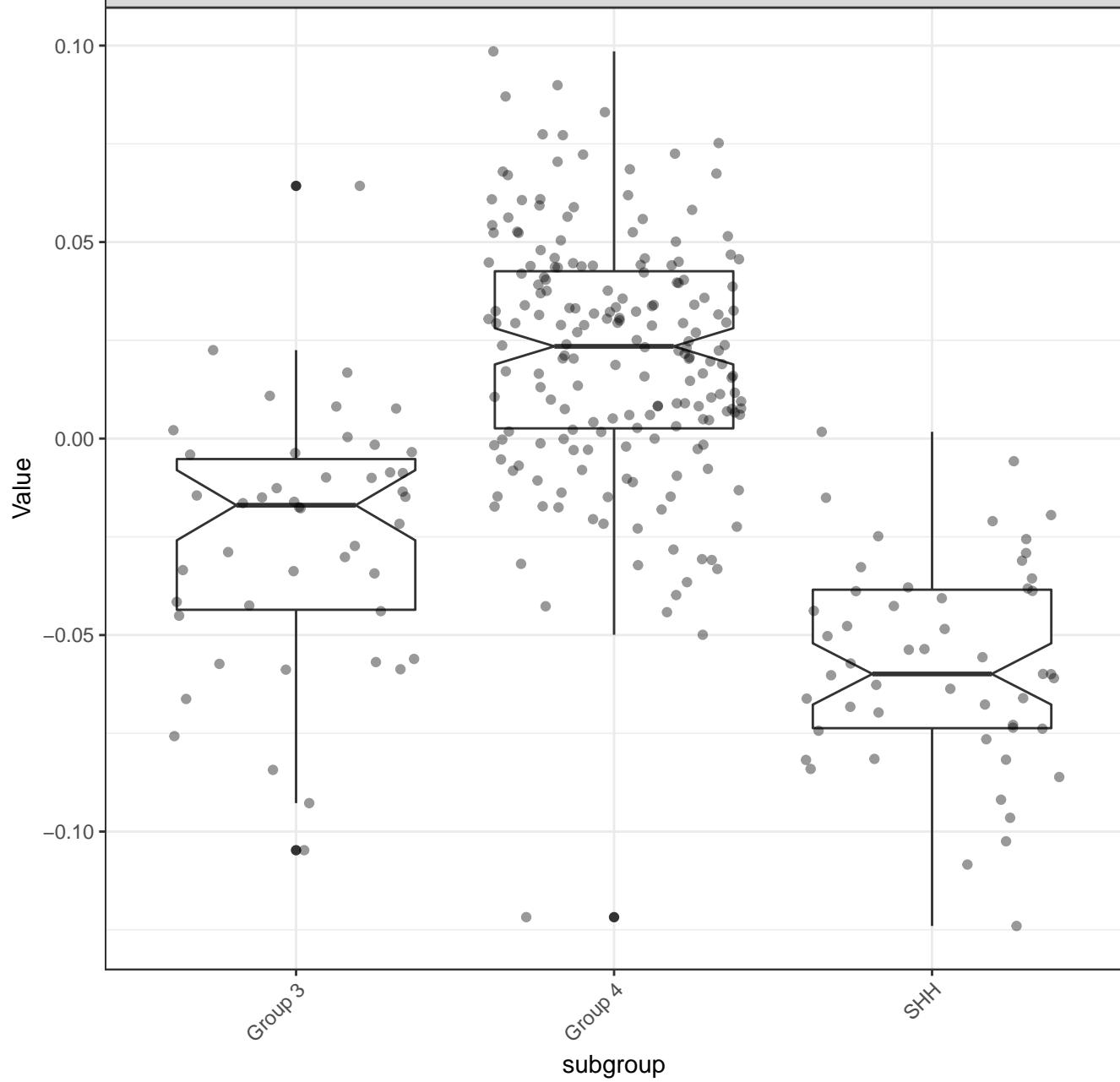


LV 427





LV 429



LV 430

Value

0.15

0.10

0.05

0.00

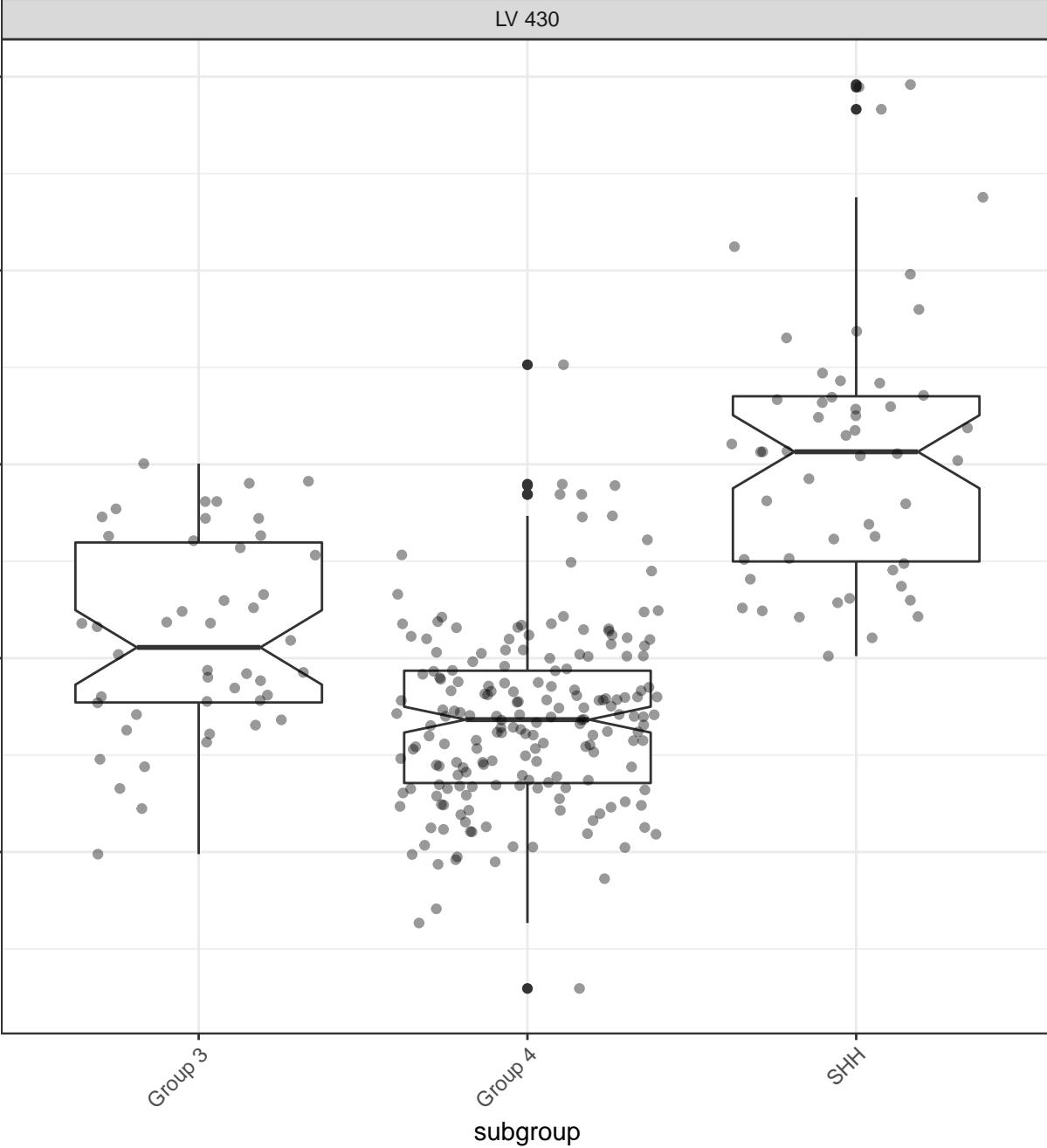
-0.05

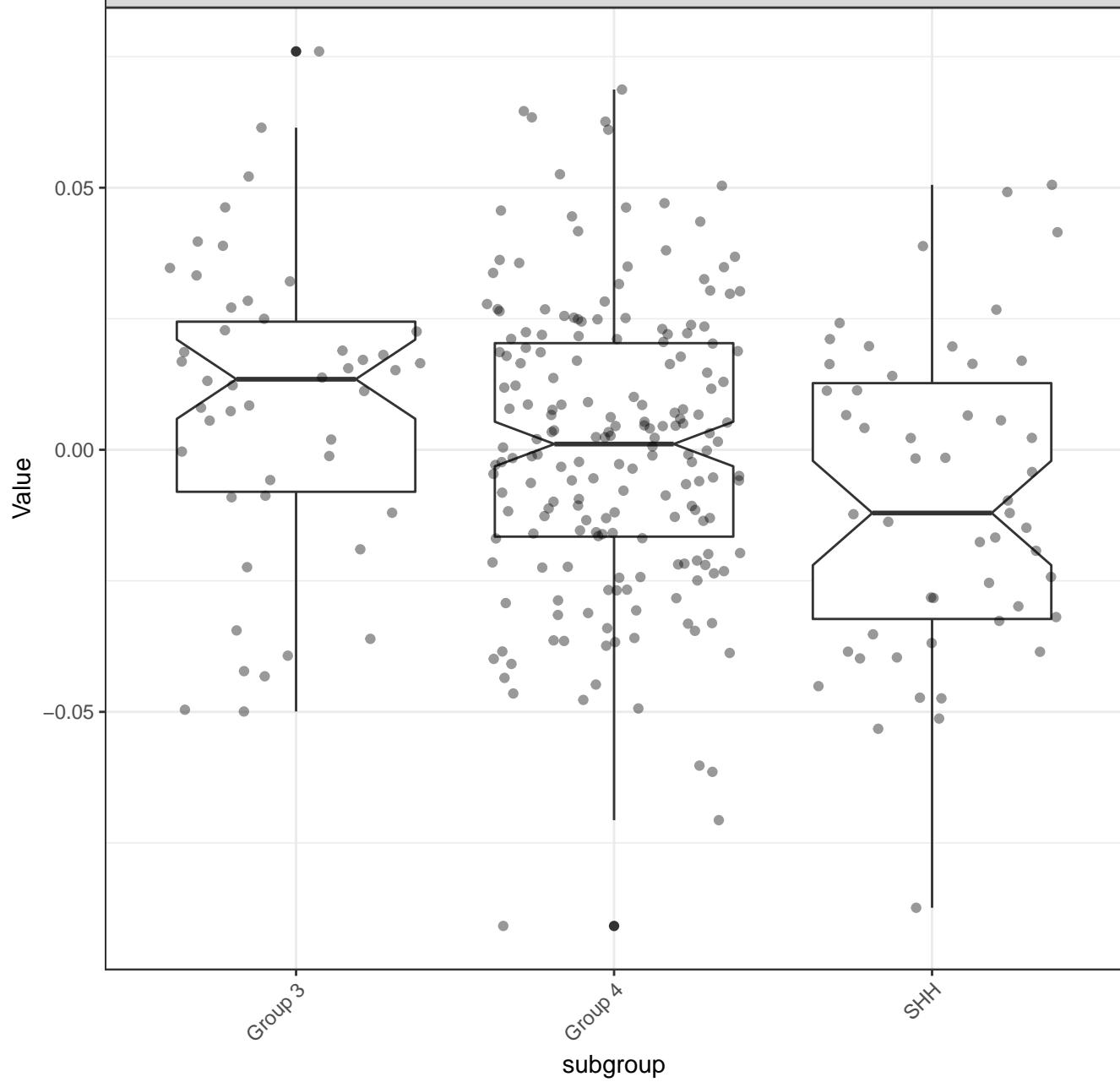
Group 3

Group 4

SHH

subgroup





LV 432

Value

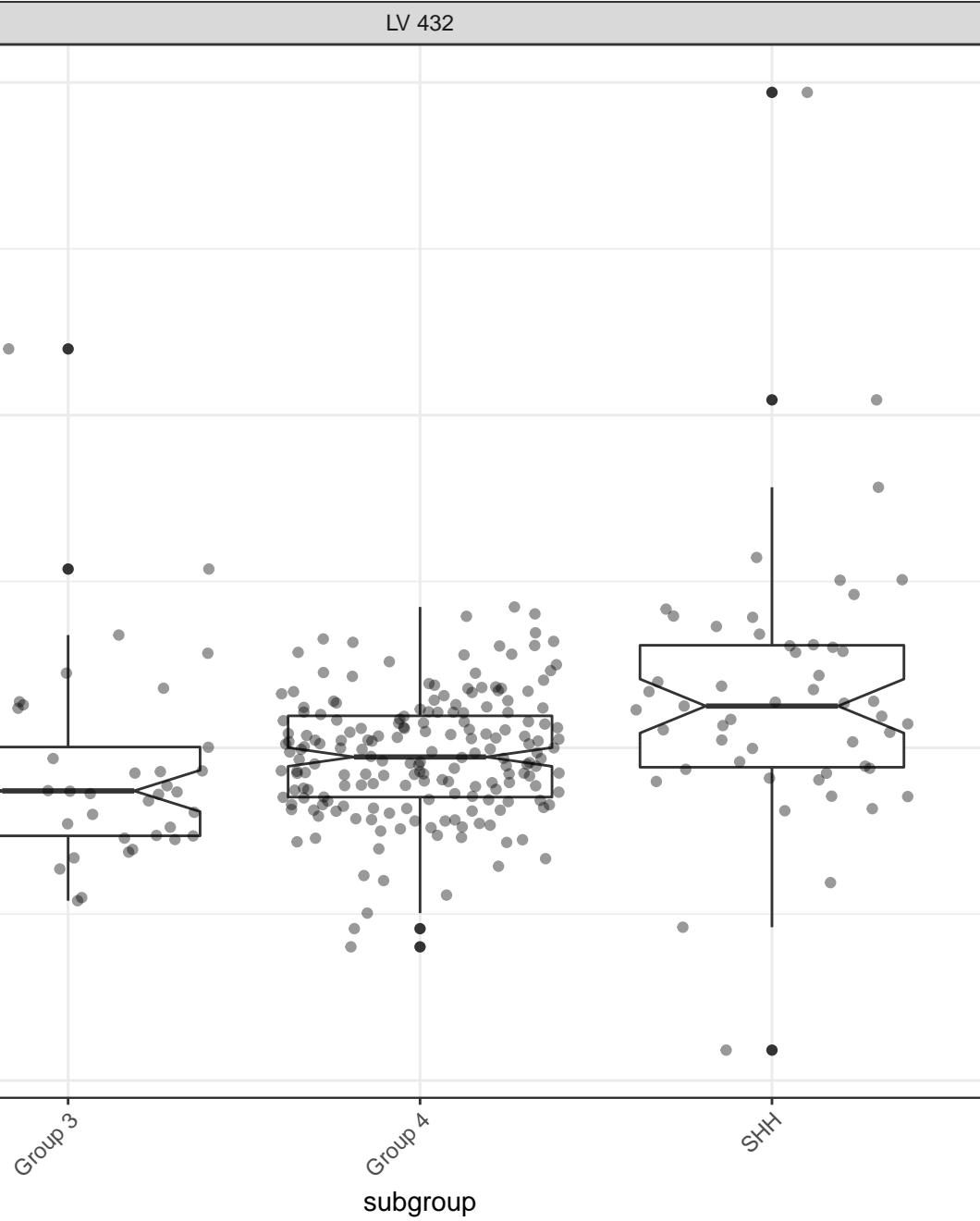
0.2
0.1
0.0
-0.1

Group 3

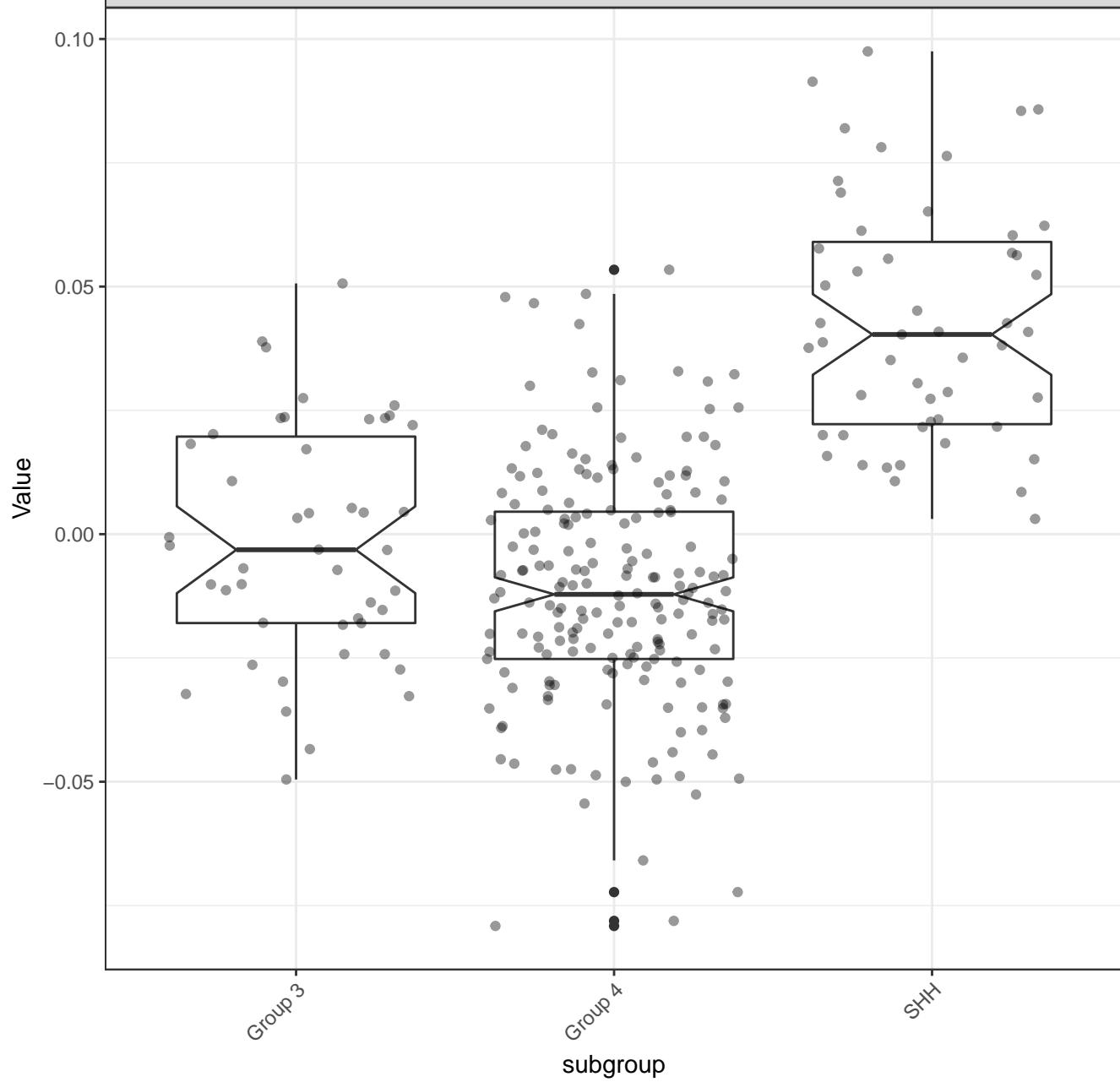
Group 4

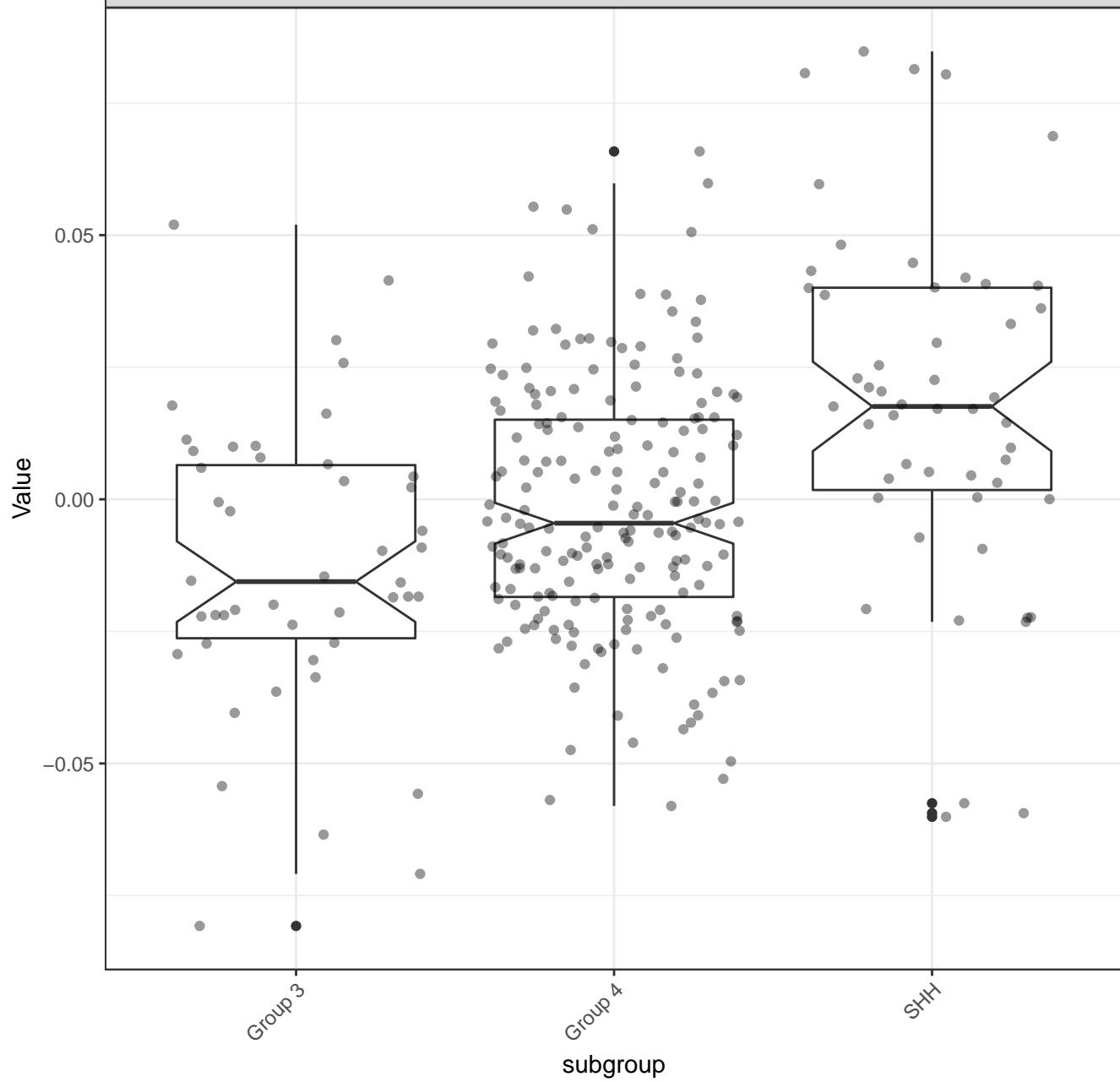
SHH

subgroup



LV 433





LV 435

Value

0.10

0.05

0.00

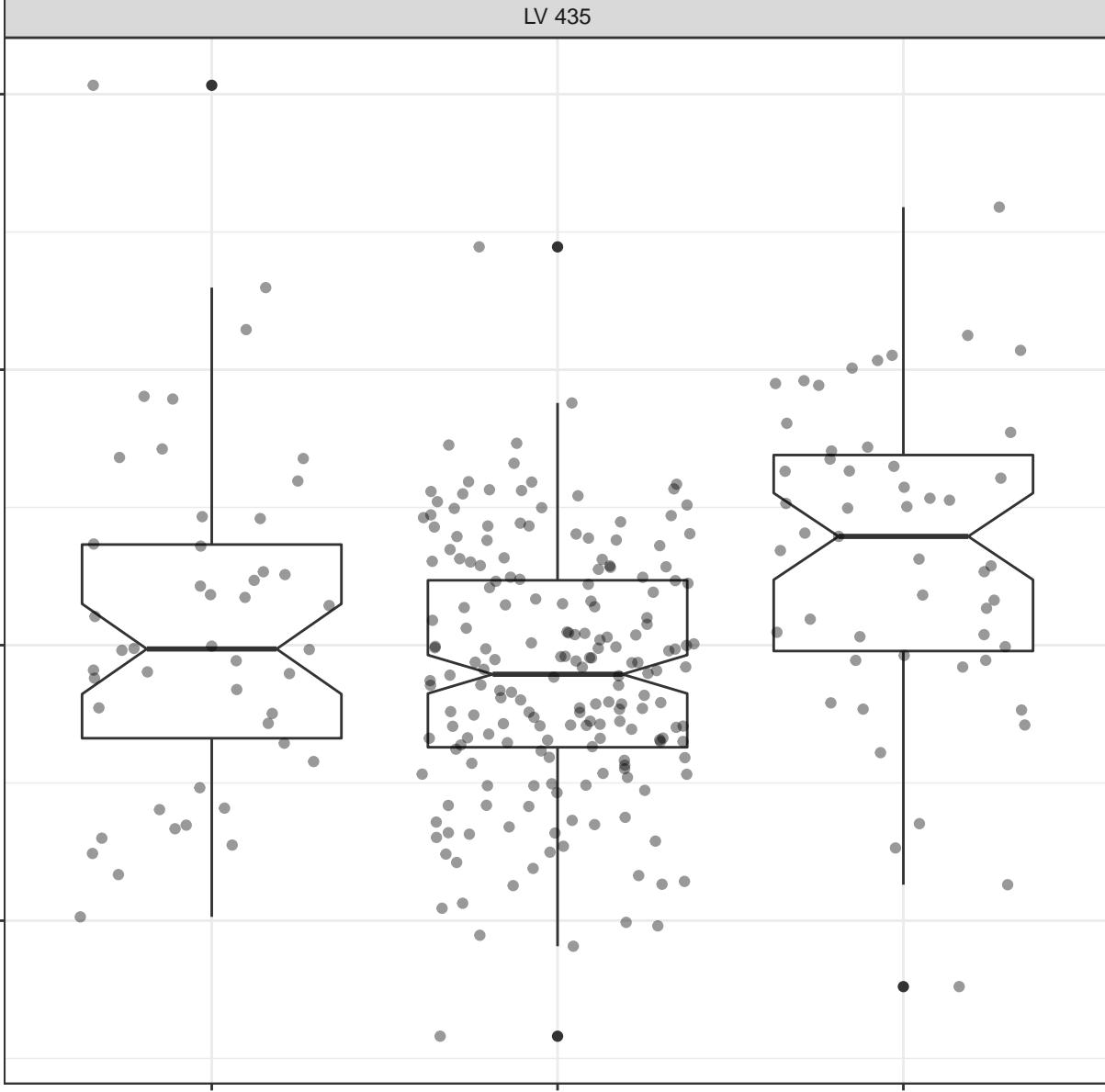
-0.05

Group 3

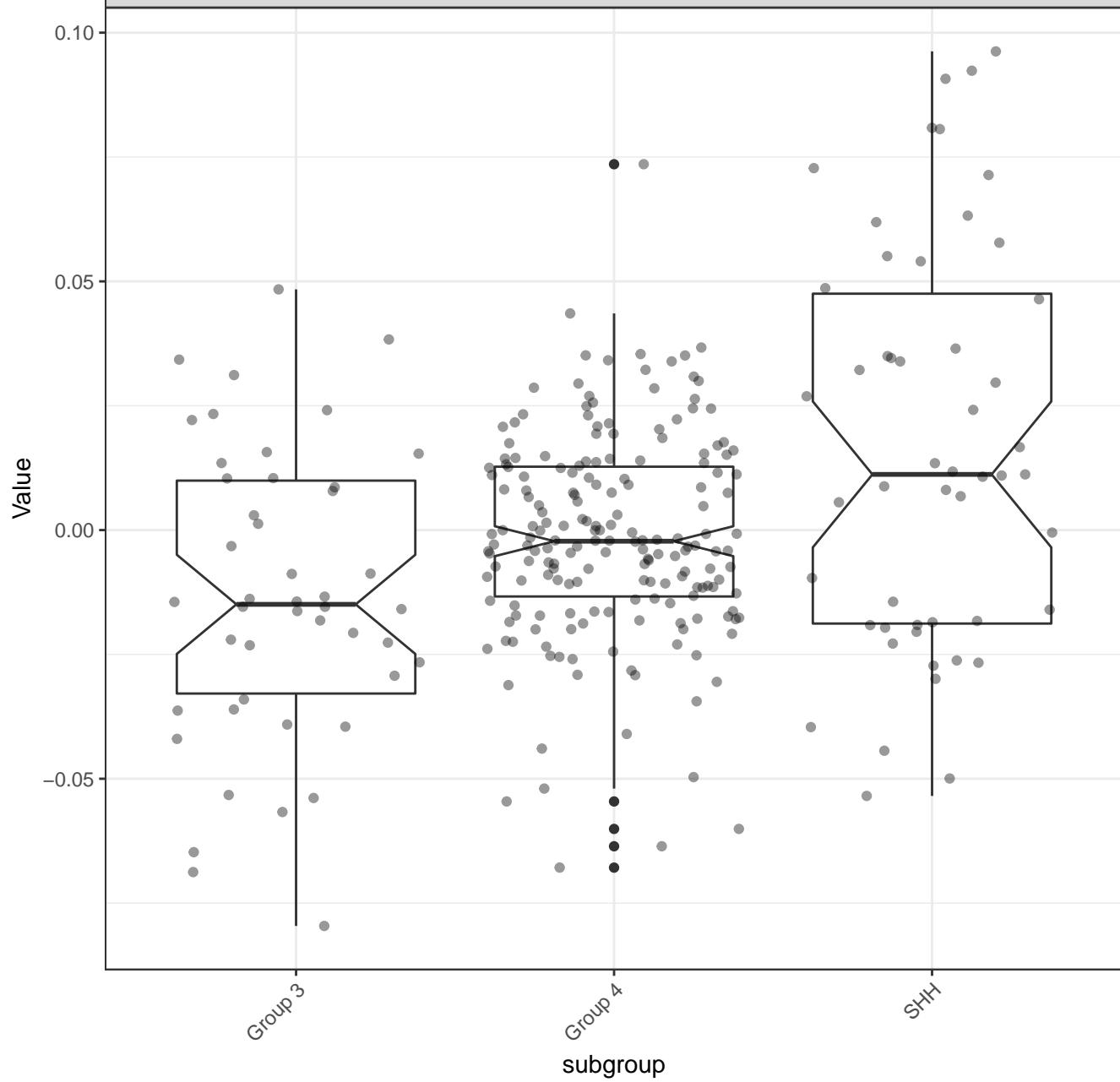
subgroup

Group 4

SHH



LV 436



LV 437

Value

0.10

0.05

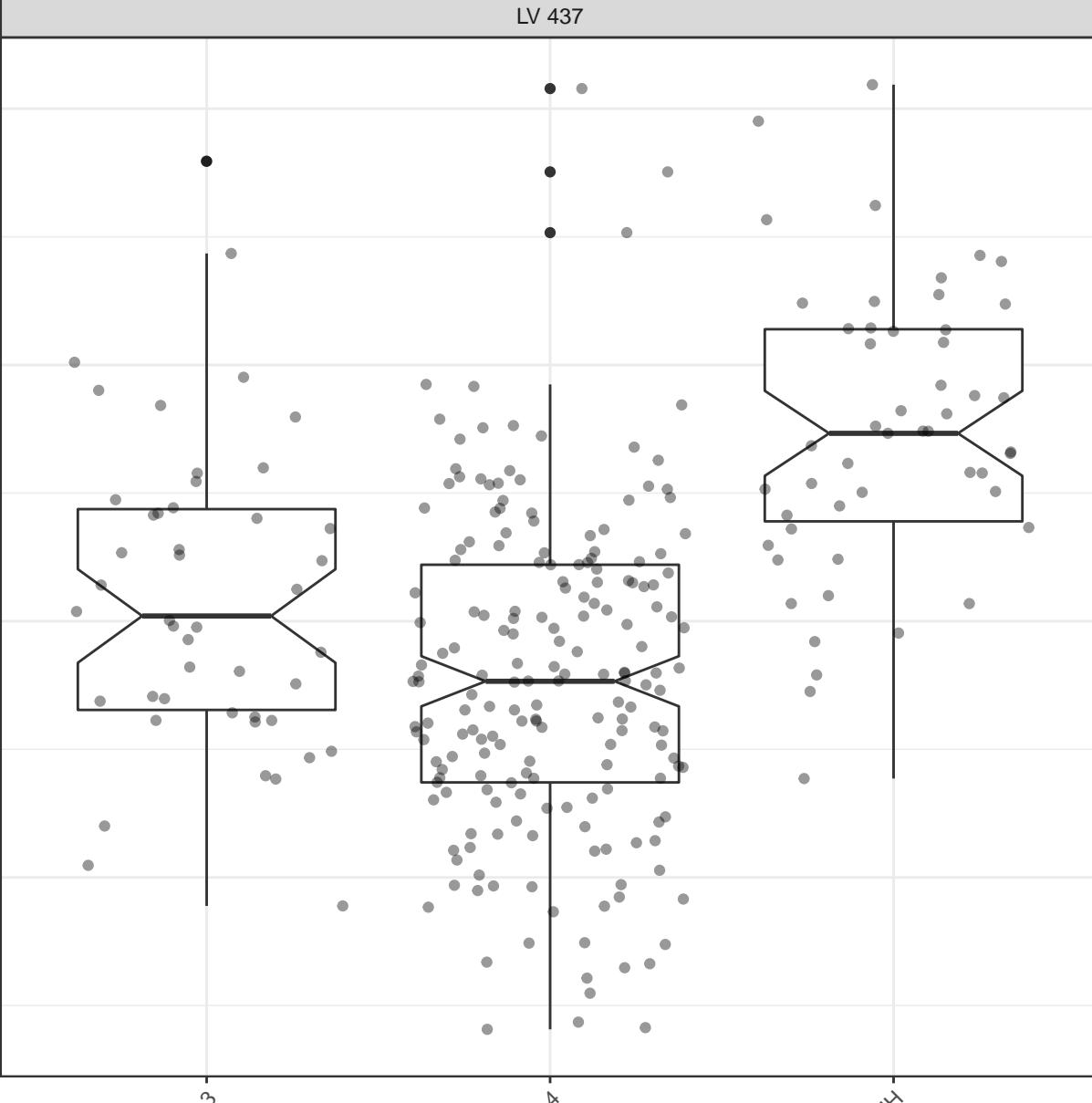
0.00

-0.05

Group 3

subgroup

SHH



LV 438

Value

0.05

0.00

-0.05

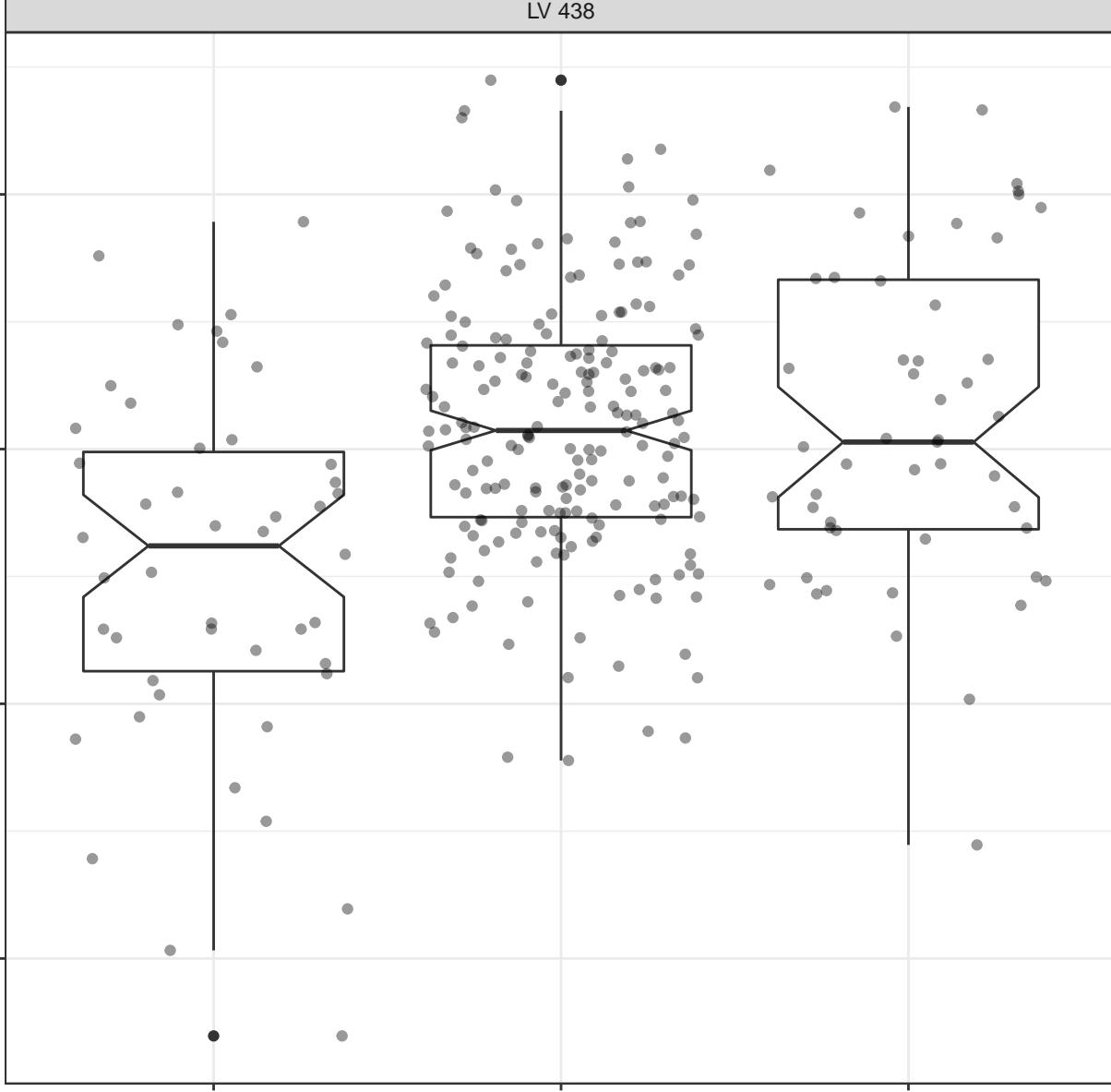
-0.10

Group 3

subgroup

Group 4

SHH



LV 439

Value

0.10

0.05

0.00

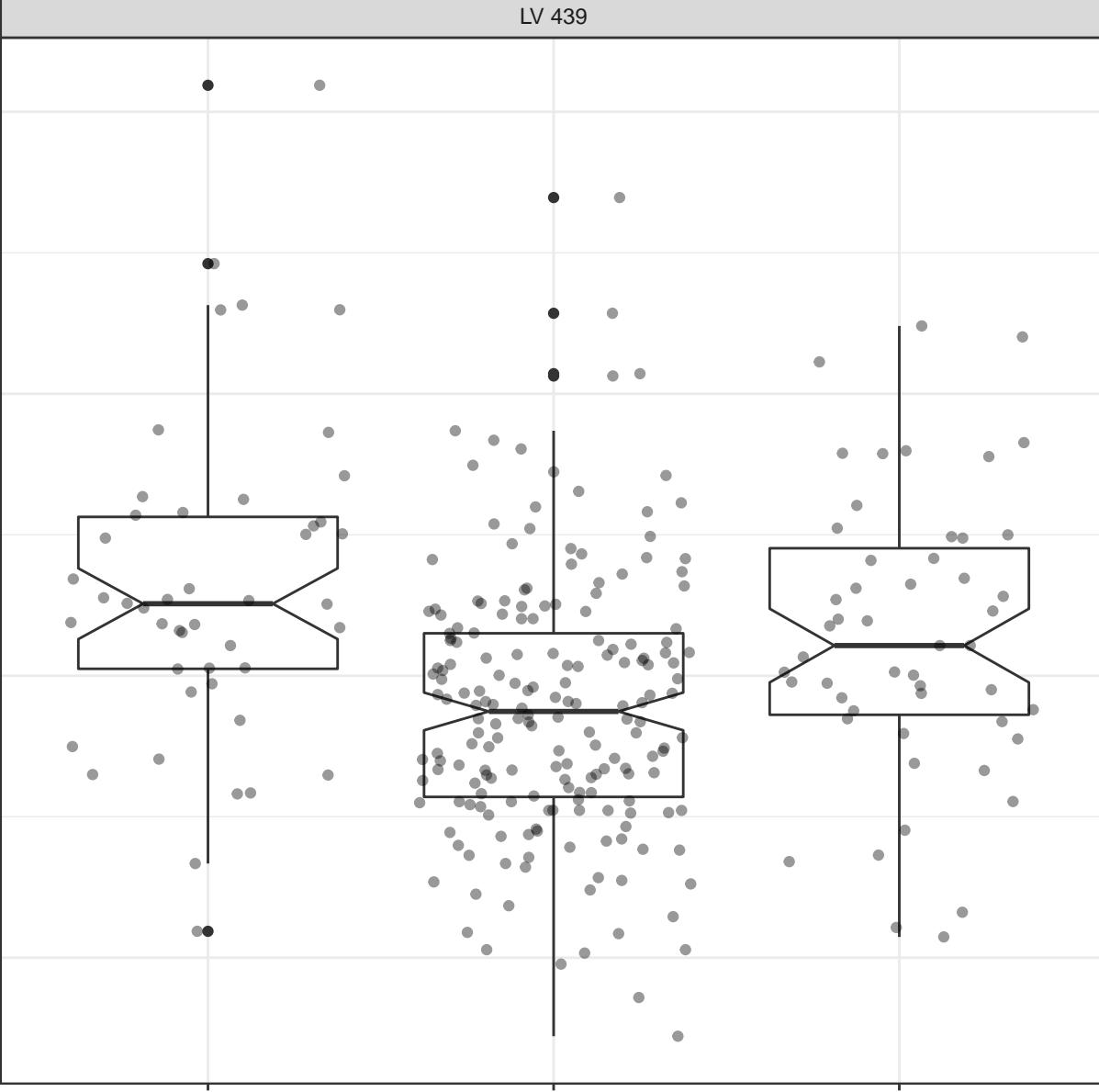
-0.05

Group 3

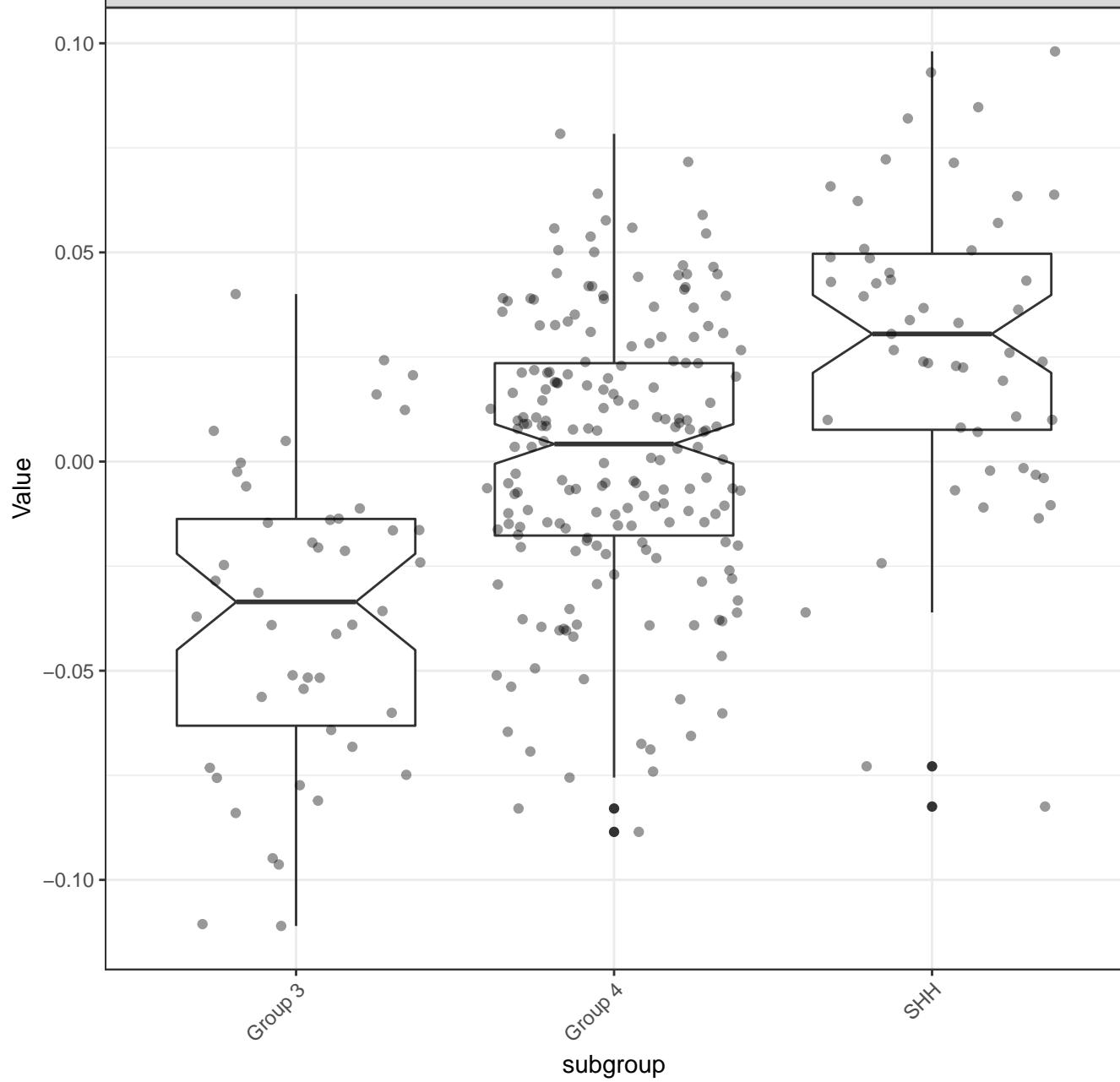
subgroup

Group 4

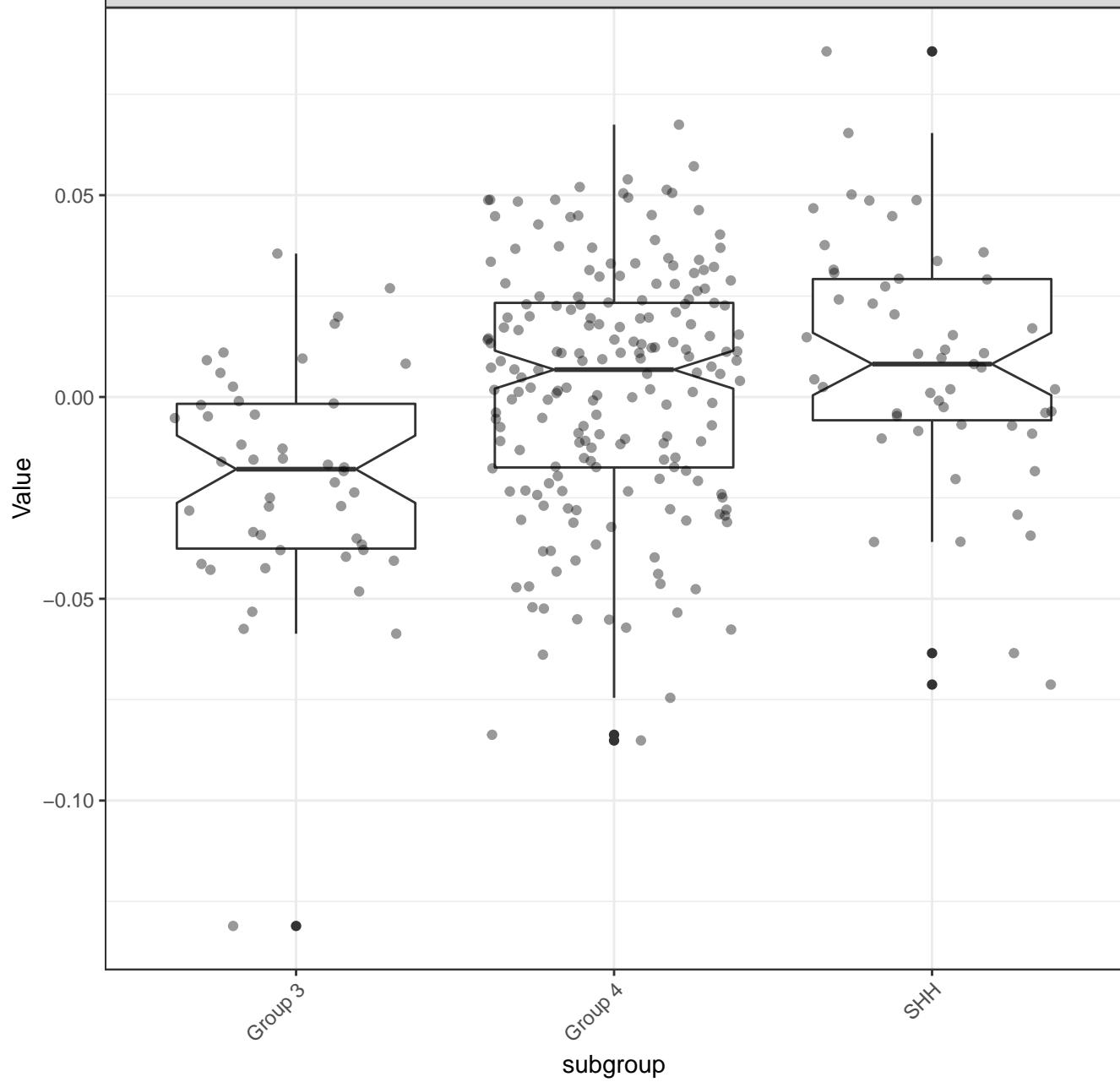
SHH



LV 440



LV 441



LV 442

Value

0.10

0.05

0.00

-0.05

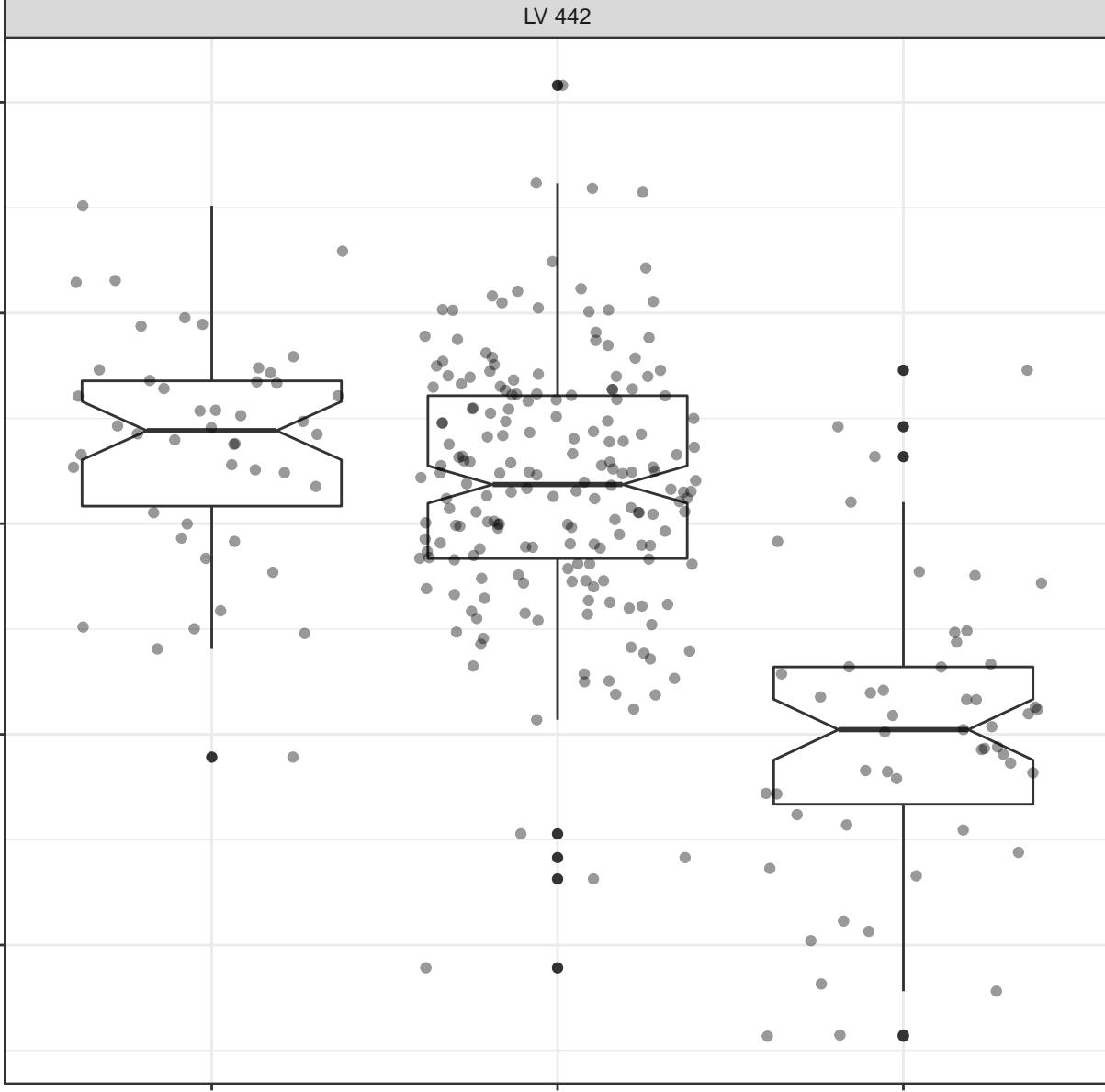
-0.10

Group 3

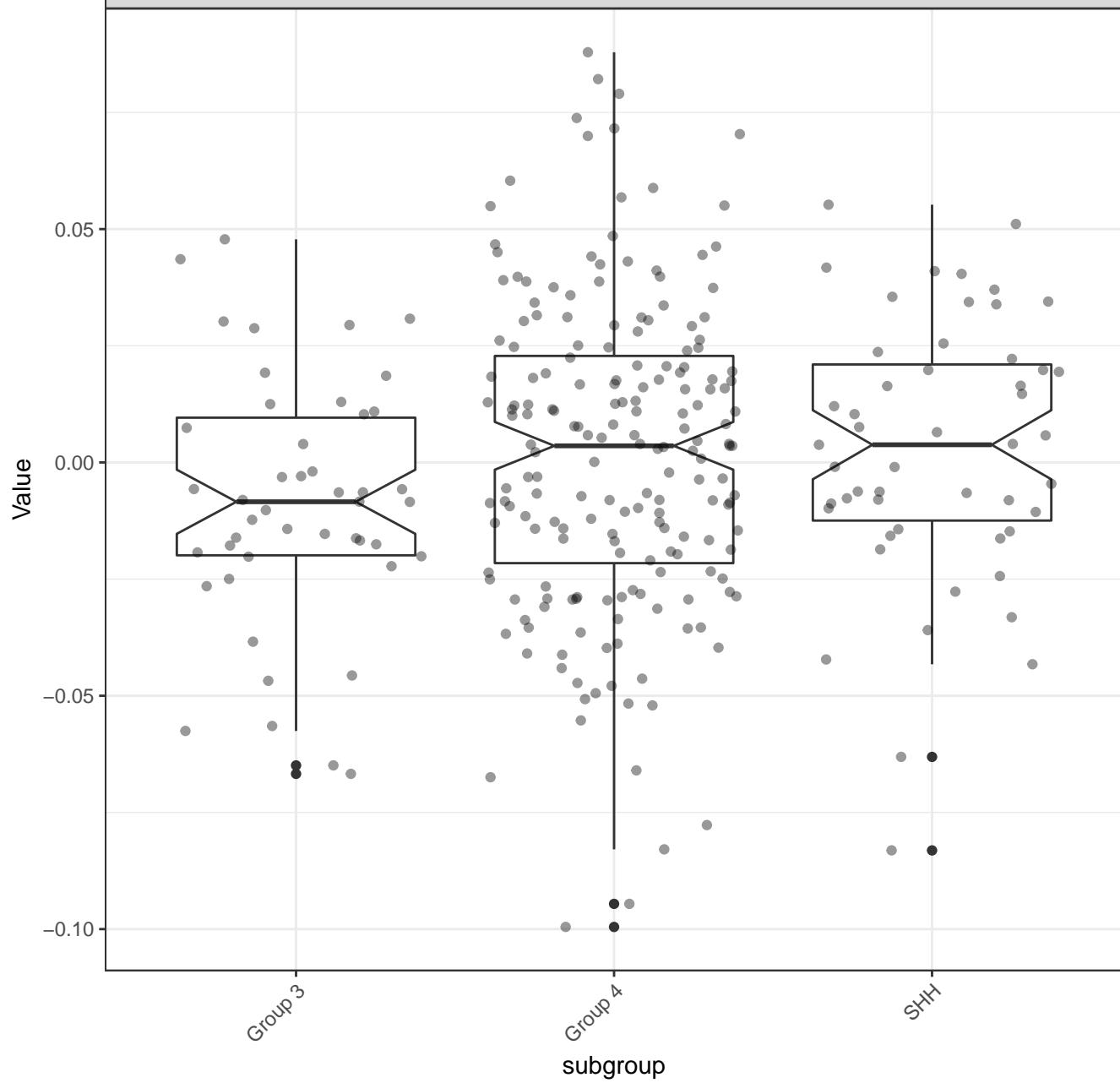
Group 4

SHH

subgroup



443,DMAP_NKA2



LV 444

Value

0.10

0.05

0.00

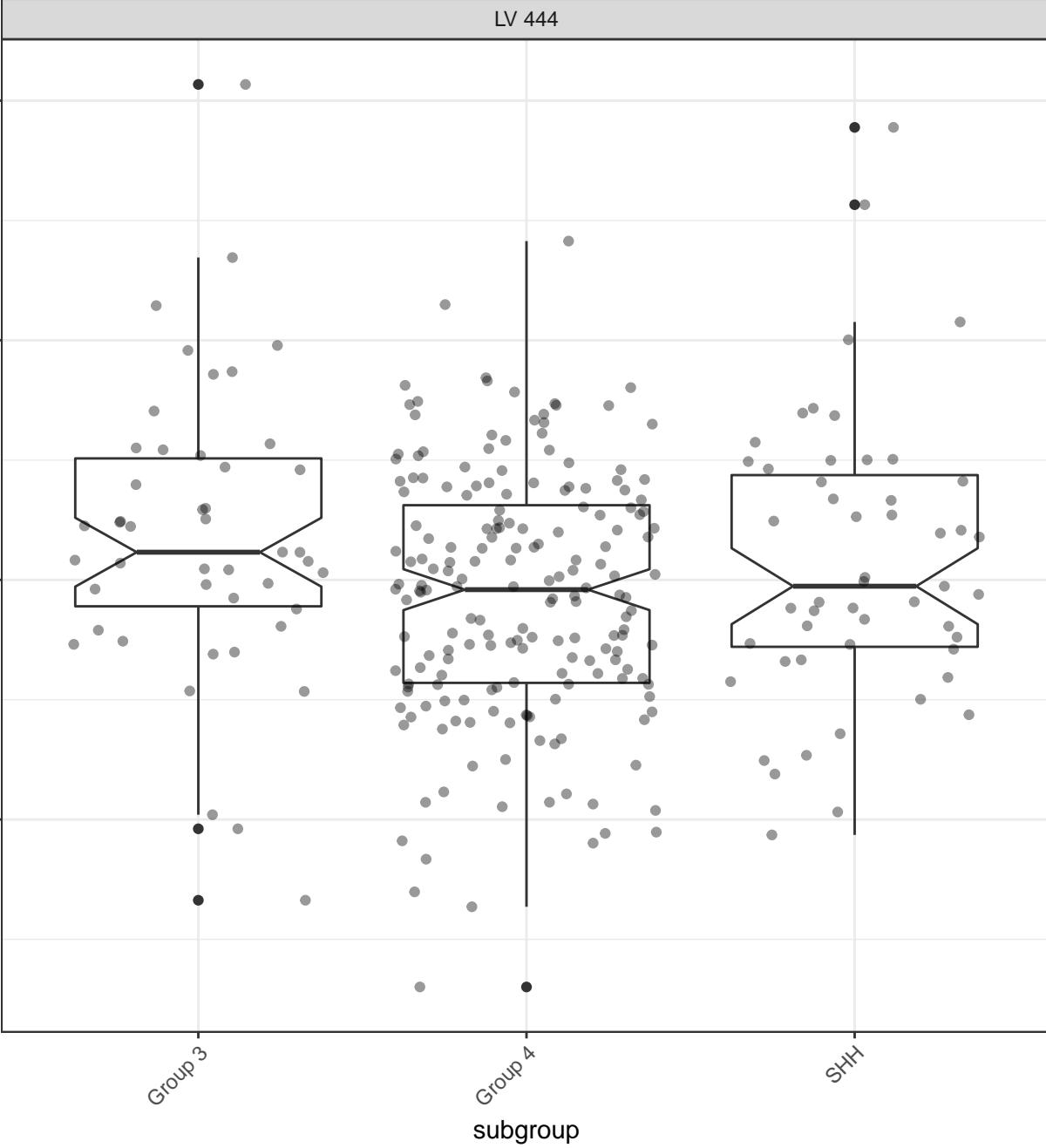
-0.05

Group 3

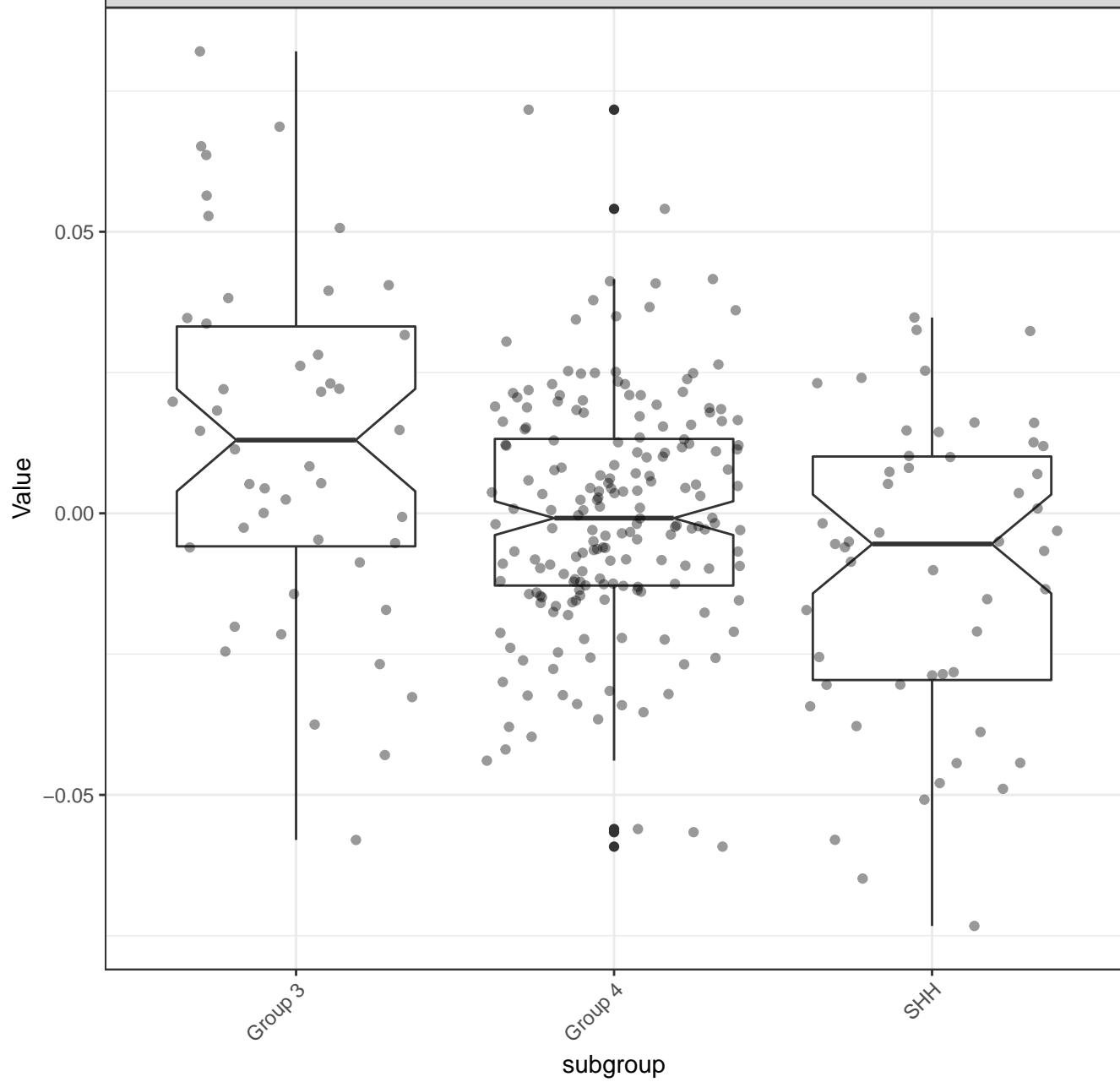
Group 4

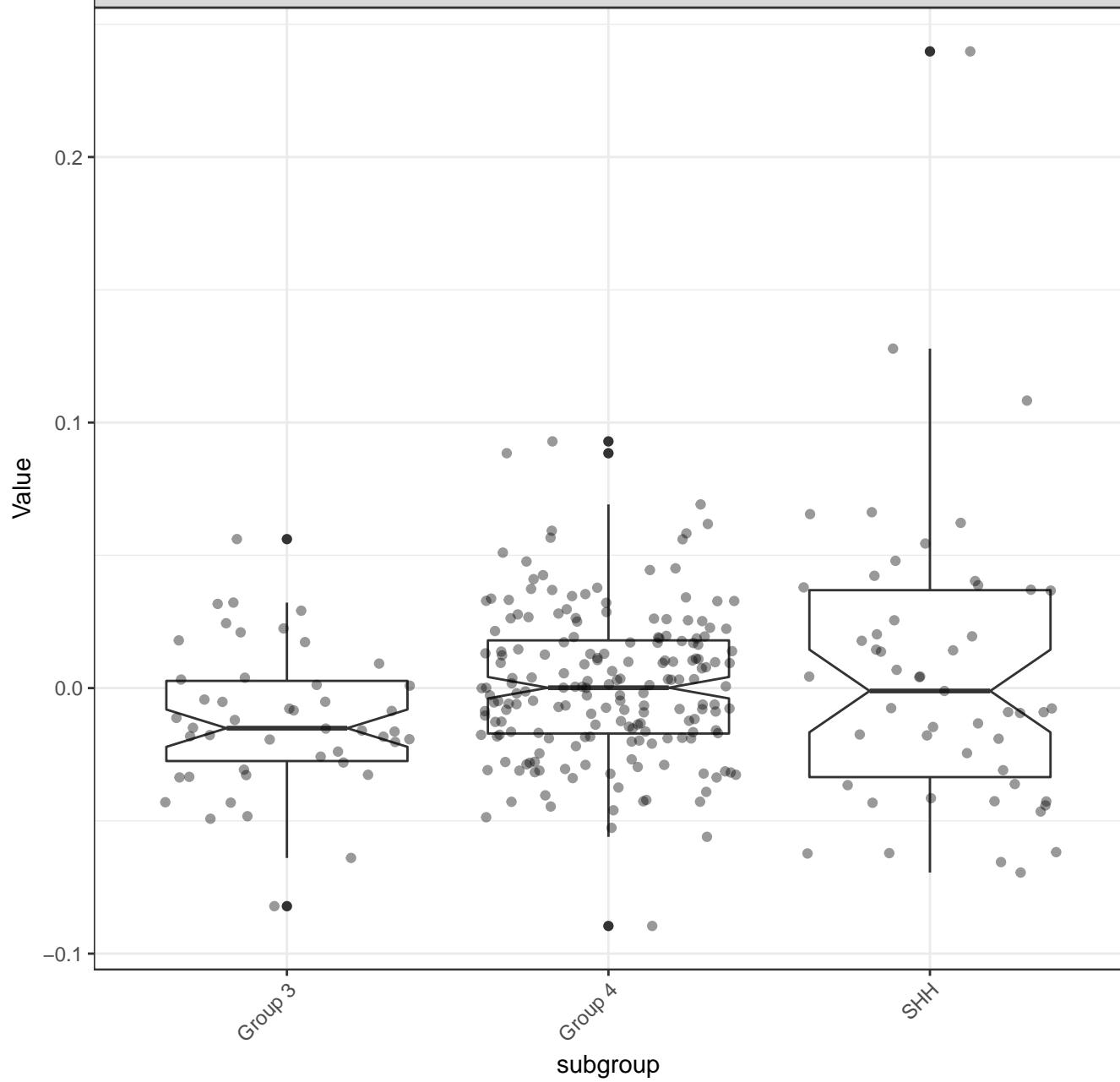
SHH

subgroup

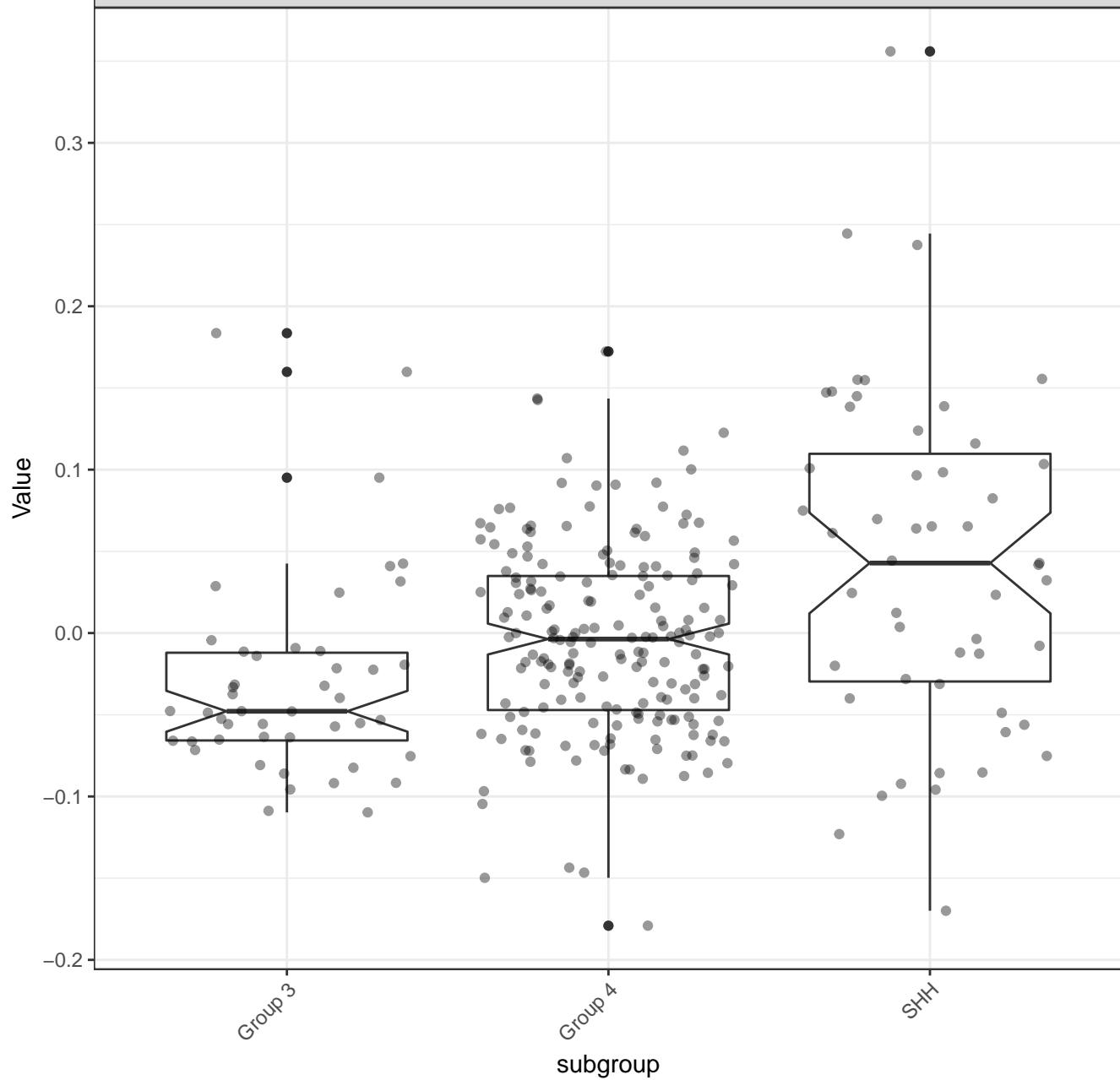


LV 445





447,KEGG_LYSOSOME



LV 448

Value

0.10

0.05

0.00

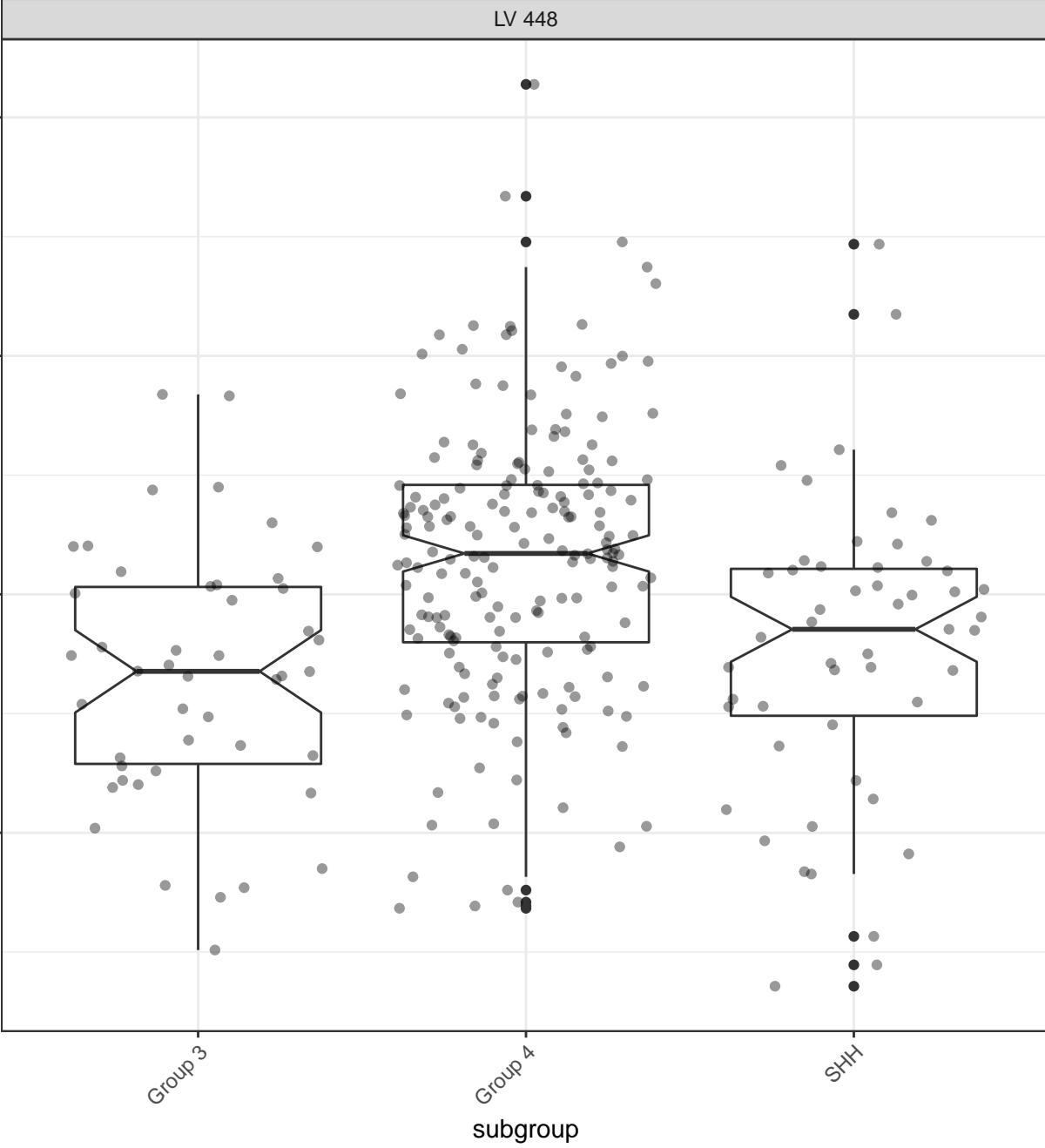
-0.05

Group 3

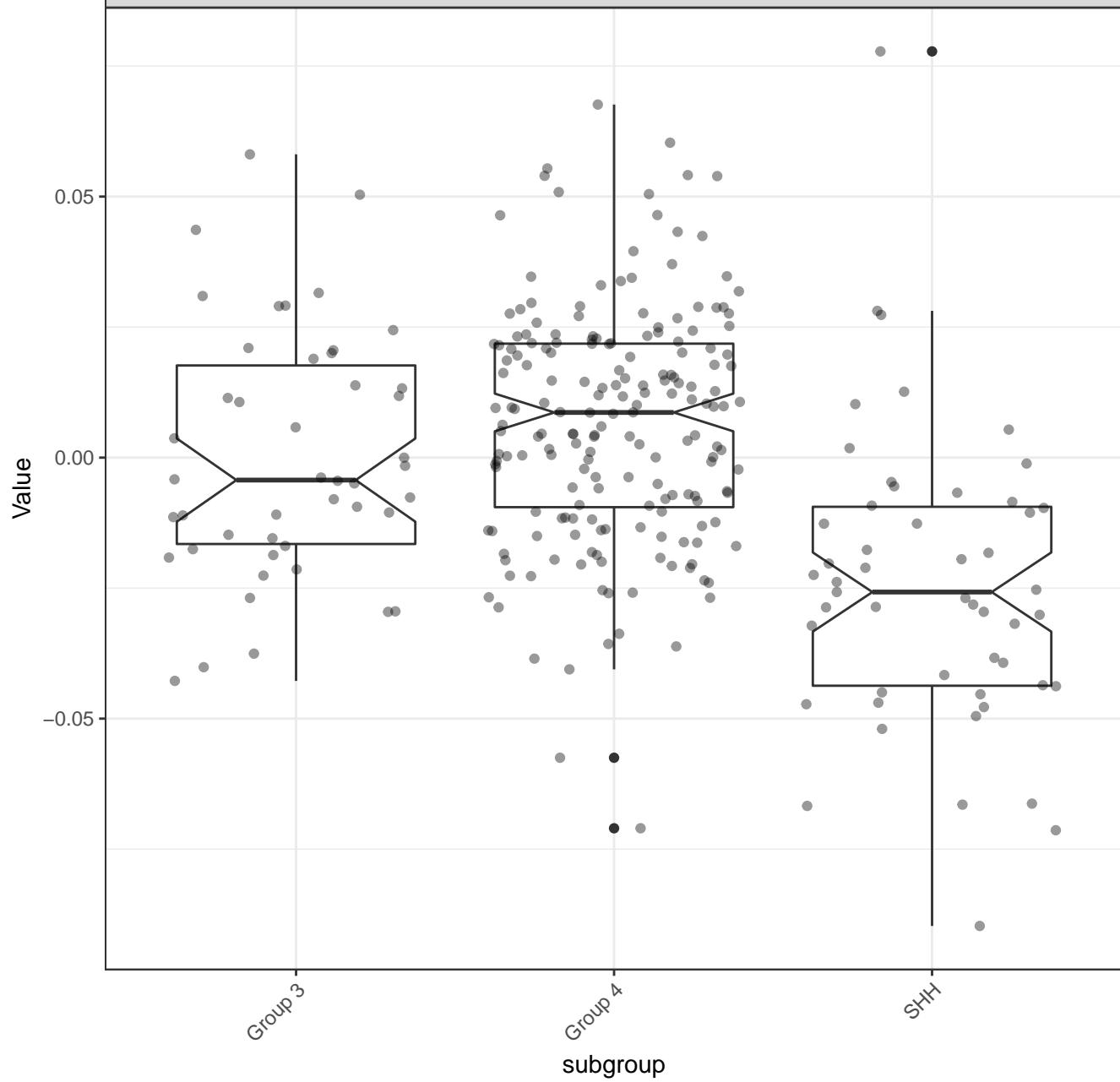
Group 4

SHH

subgroup

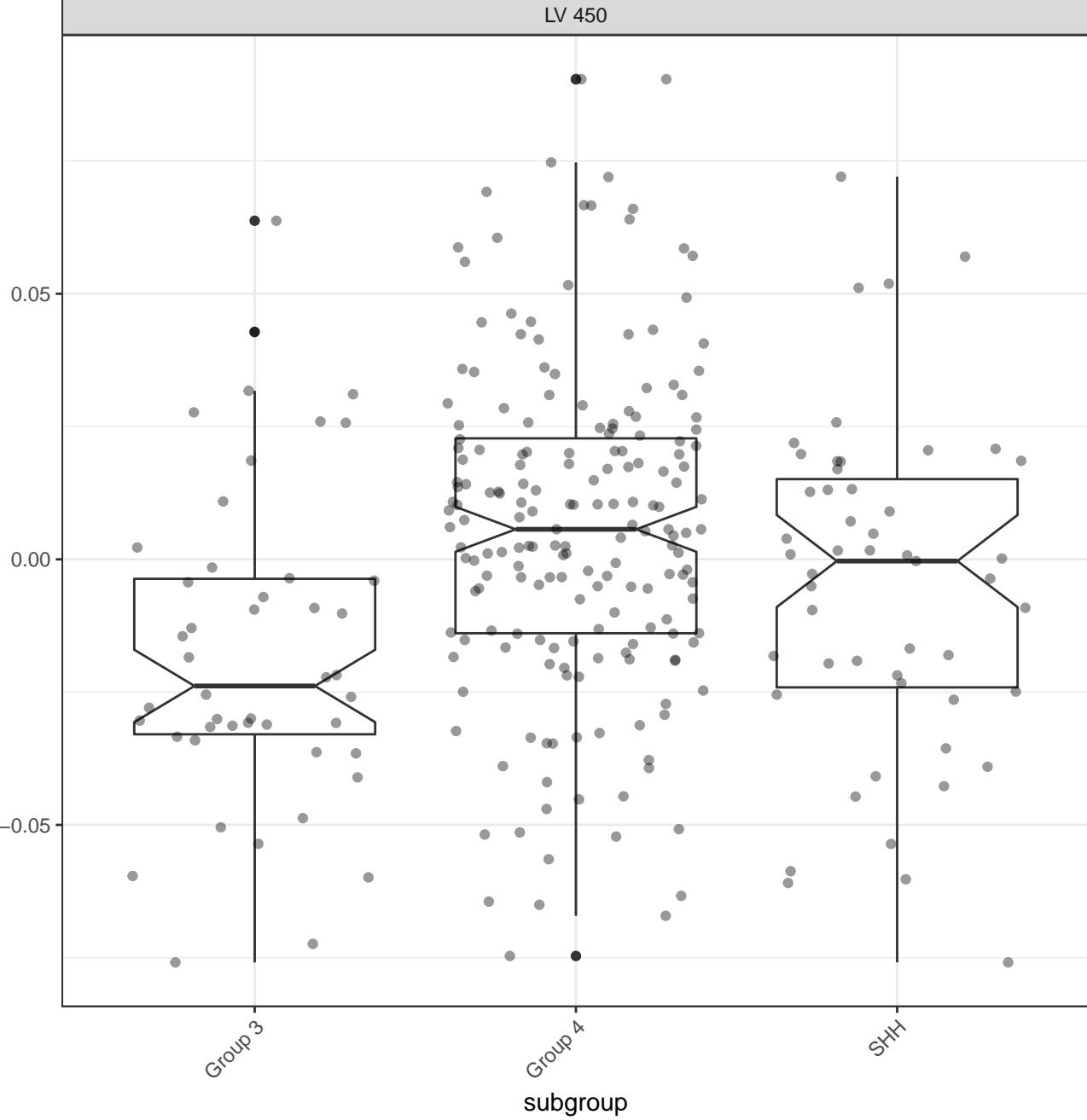


449,REACTOME_ELONGATION_ARREST_AND_RECOVERY



LV 450

Value



451,REACTOME_MITOCHONDRIAL_PROTEIN_IMPORT

Value

0.10

0.05

0.00

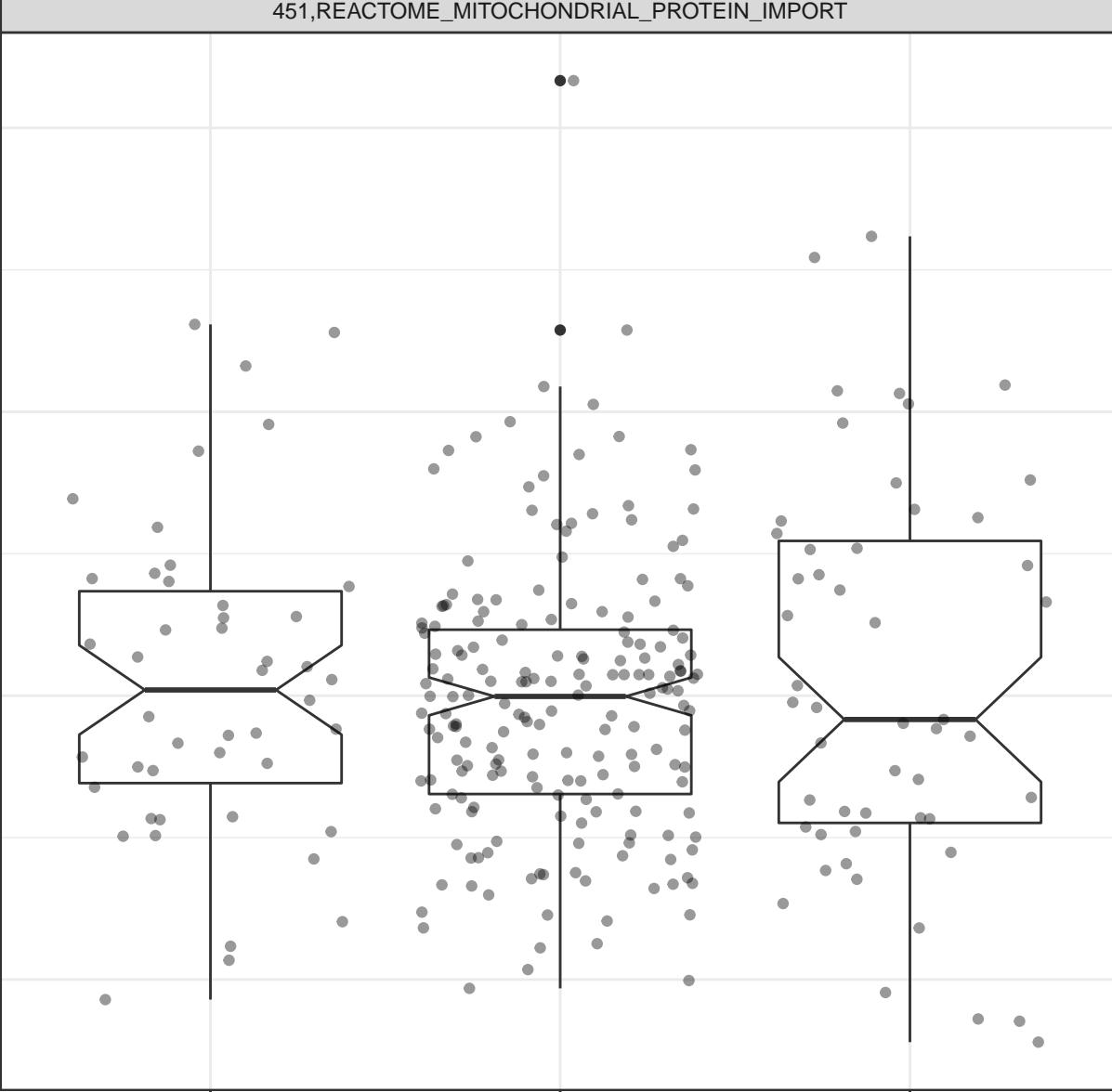
-0.05

Group 3

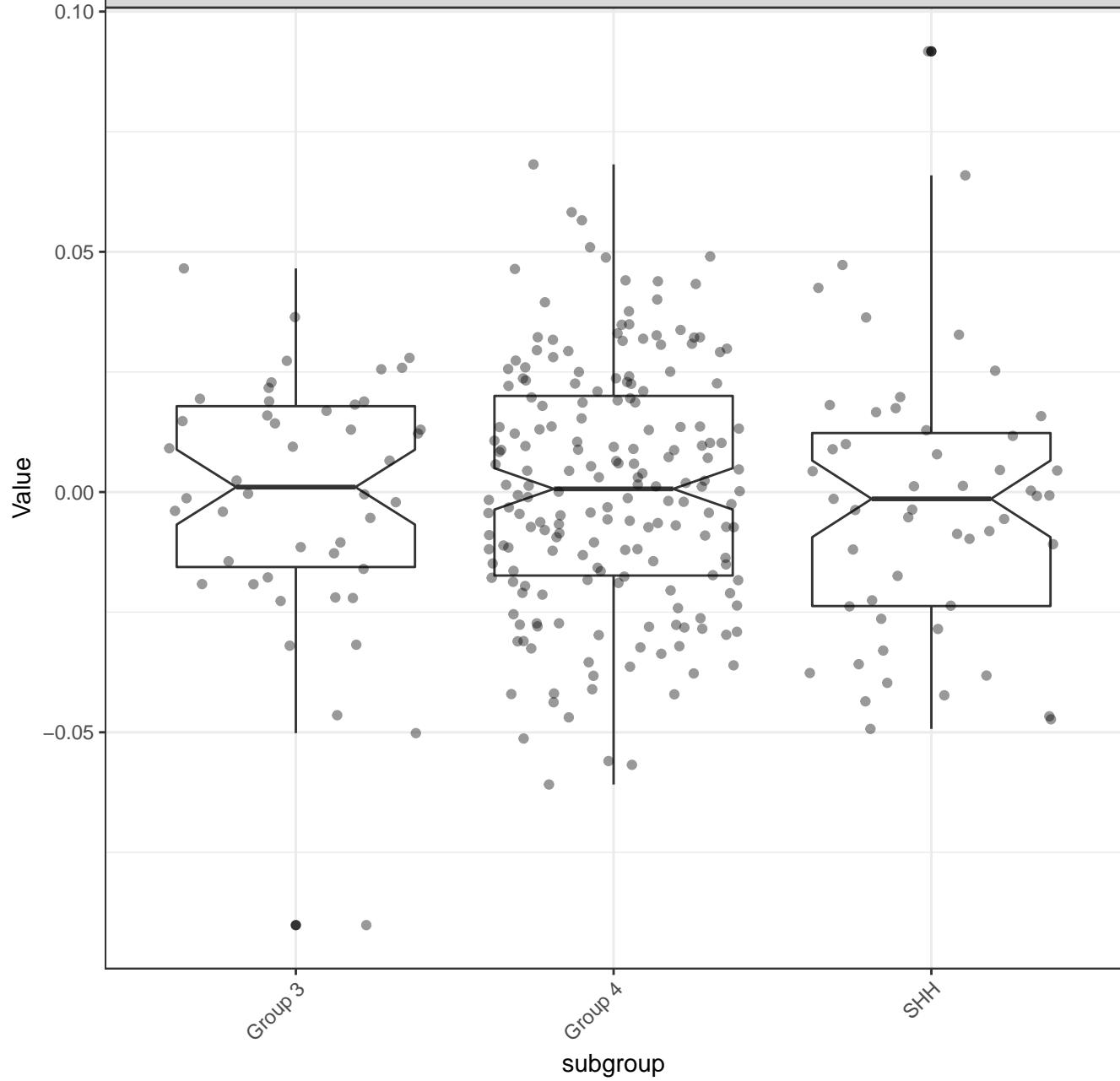
subgroup

Group 4

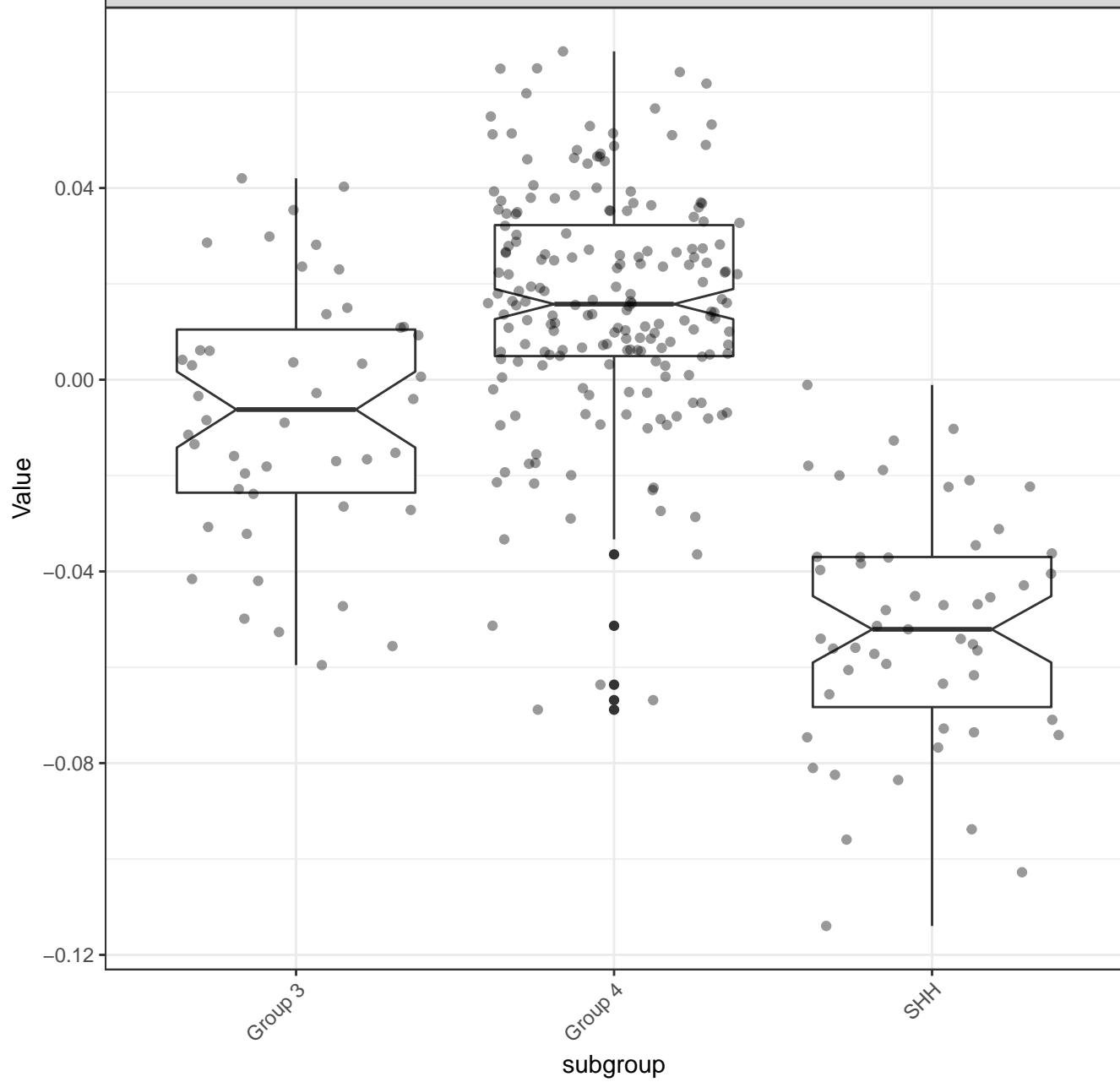
SHH



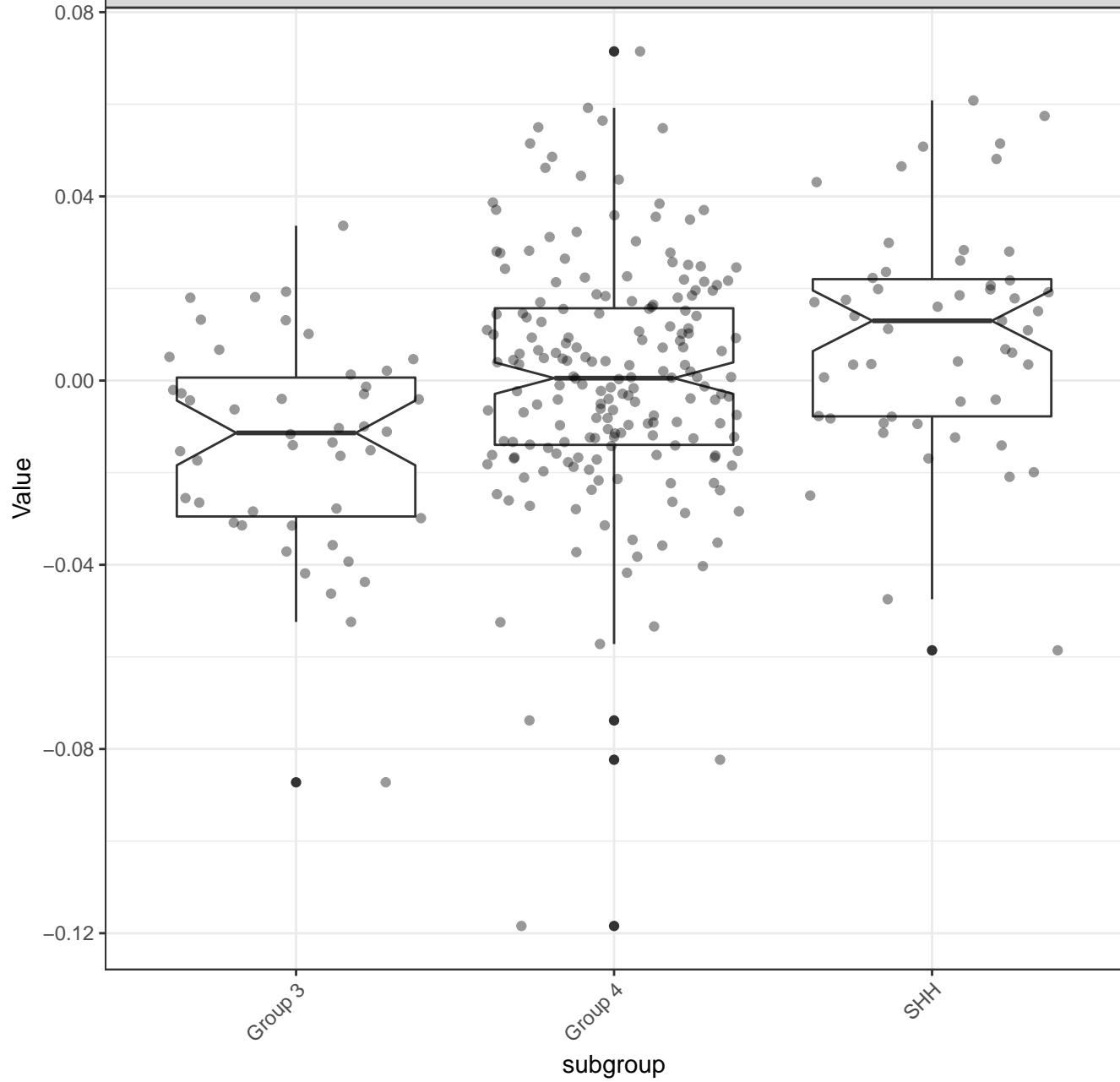
LV 452



LV 453



LV 454



LV 455

Value

0.05

0.00

-0.05

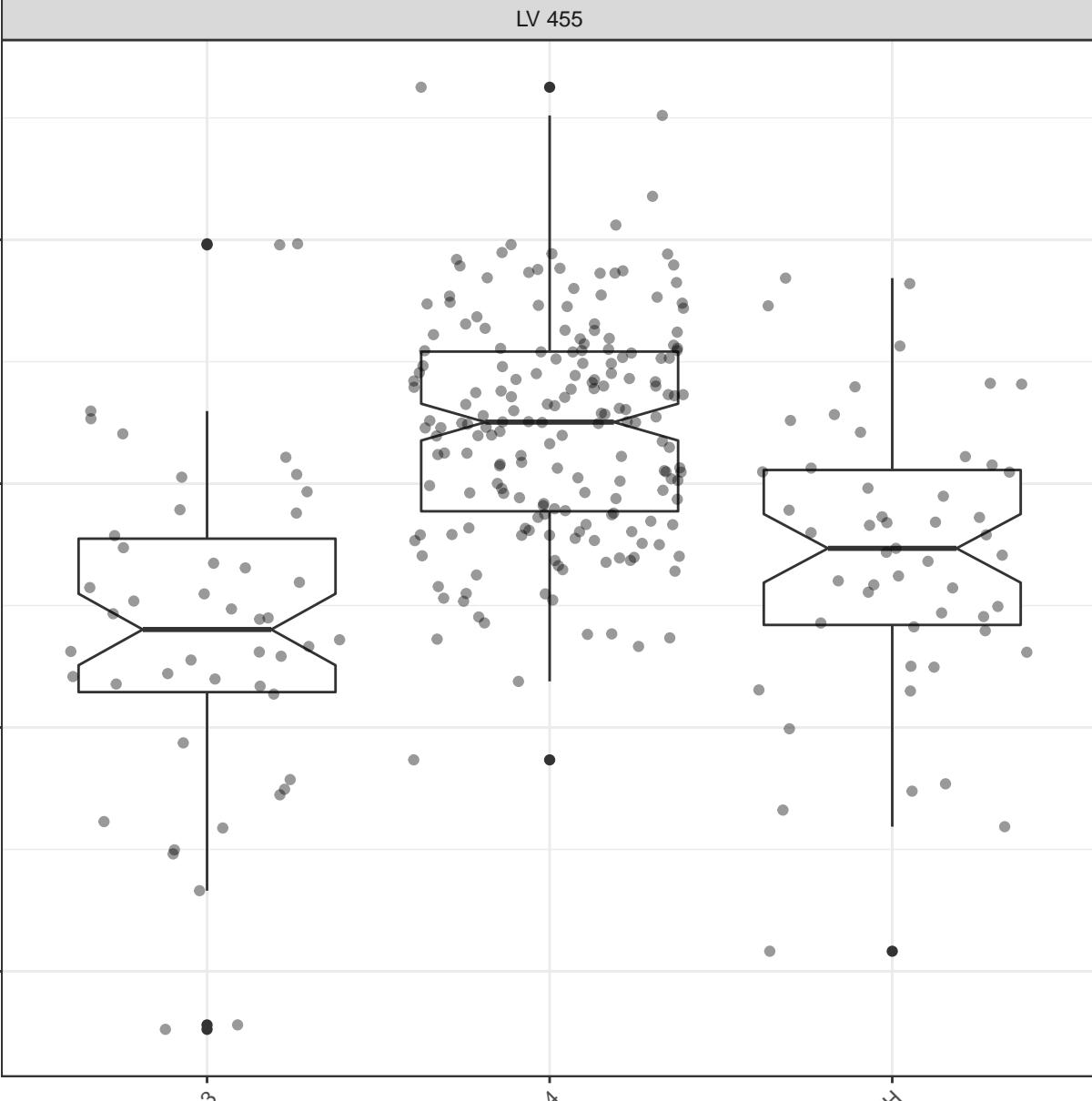
-0.10

Group 3

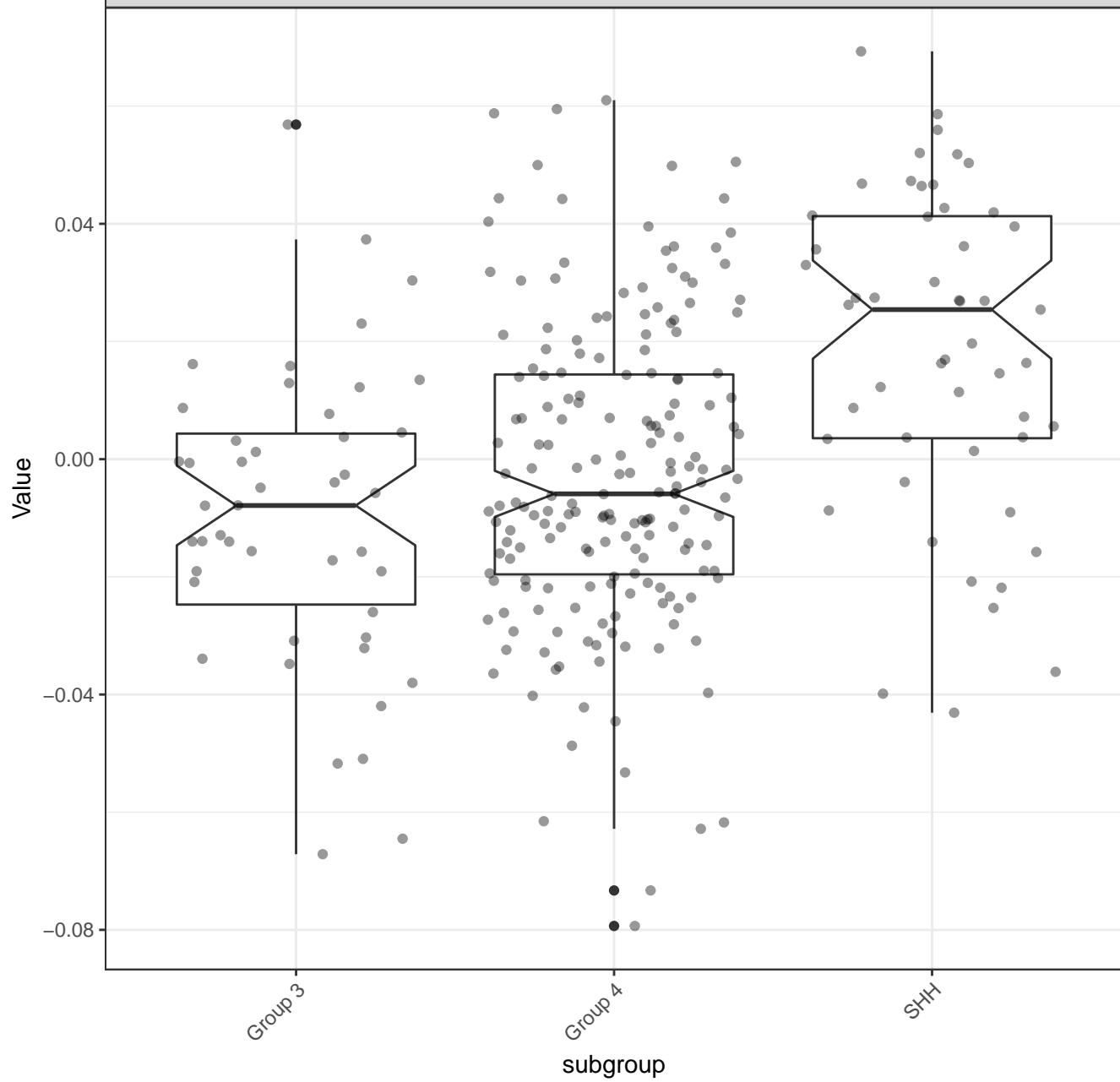
subgroup

Group 4

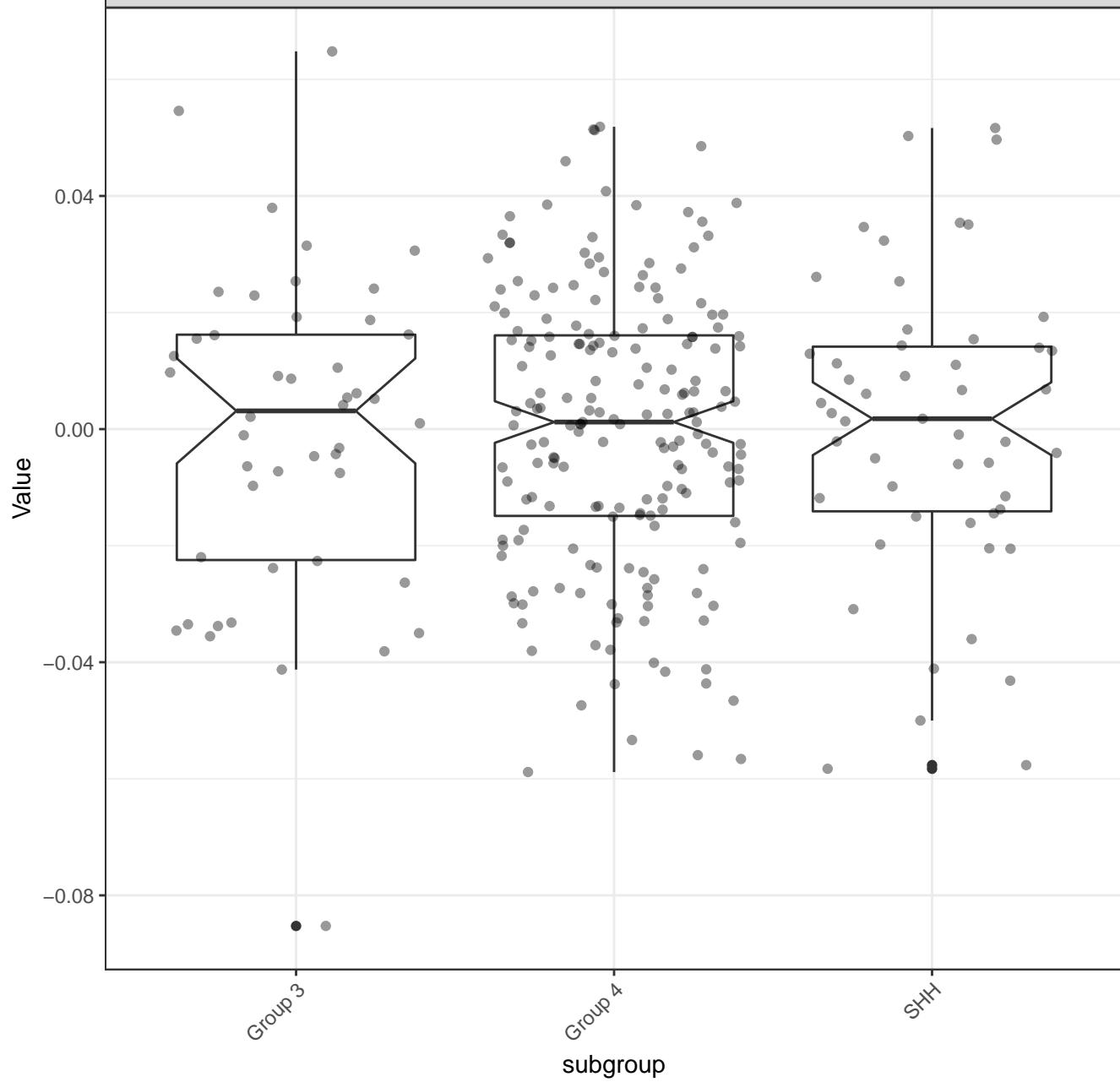
SHH



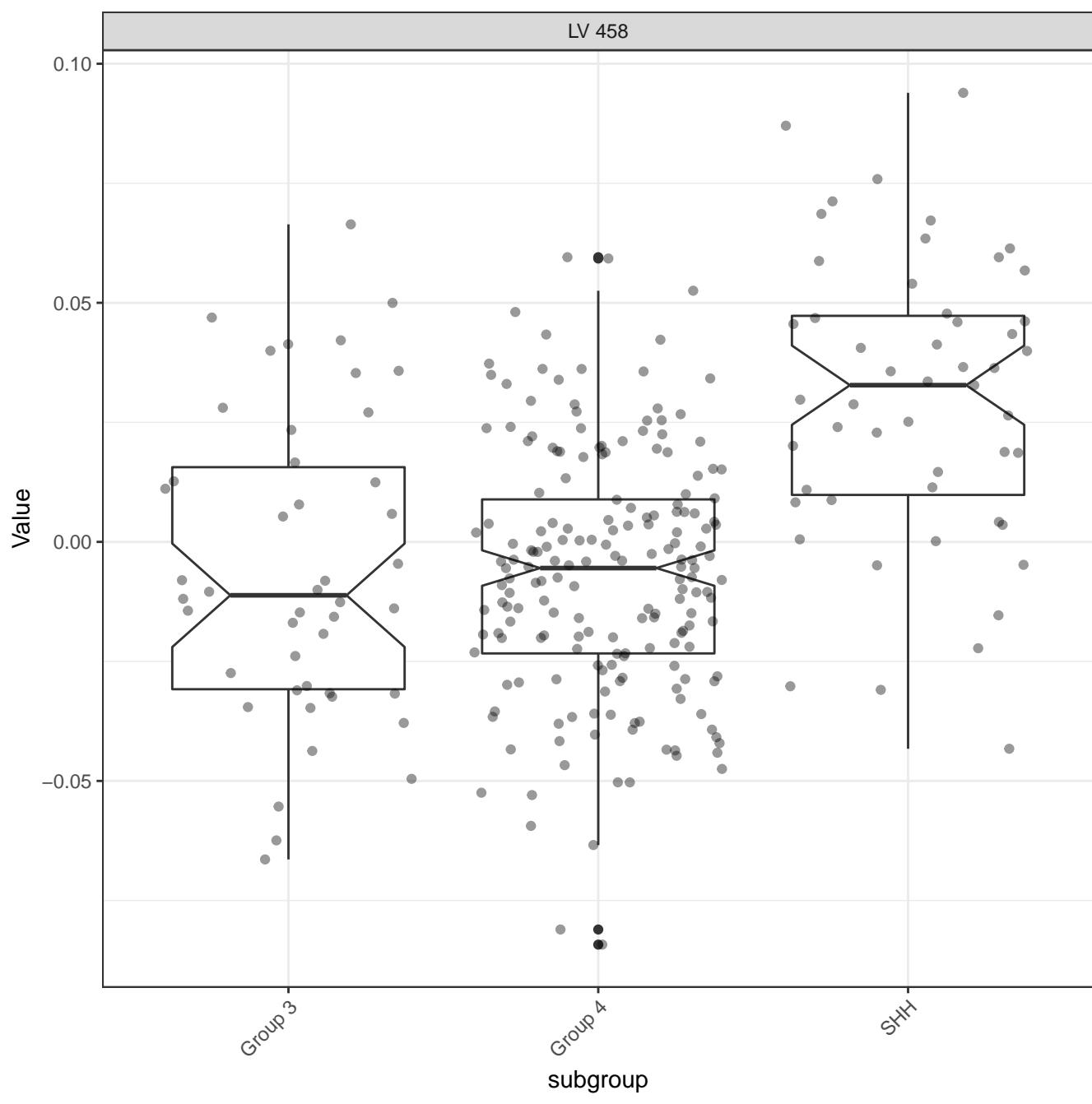
LV 456



LV 457



LV 458



LV 459

Value

0.5
0.4
0.3
0.2
0.1
0.0

Group 3

Group 4

SHH

subgroup

•

•

•

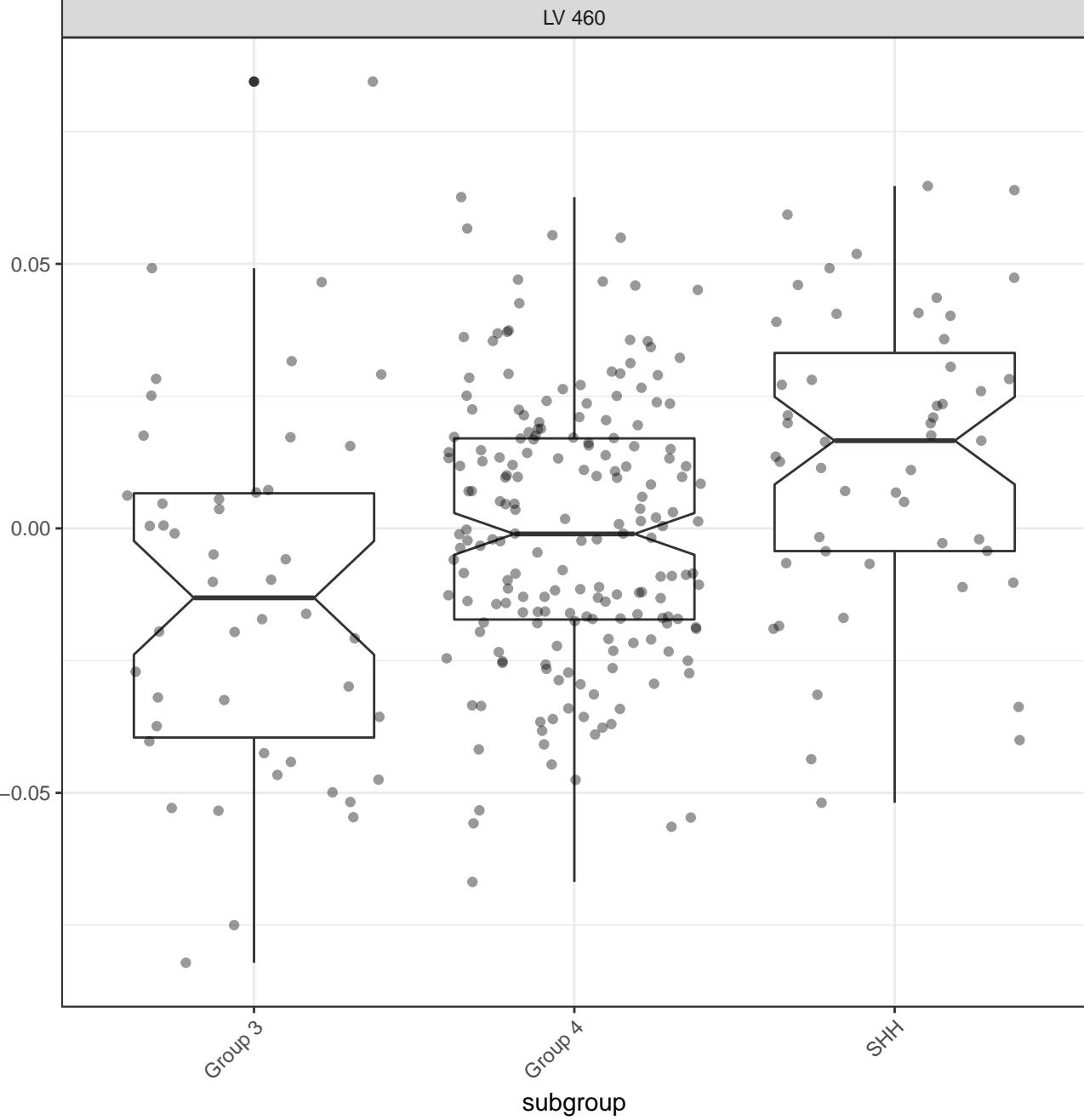
•

•

•

LV 460

Vvalue



LV 461

Value

0.10

0.05

0.00

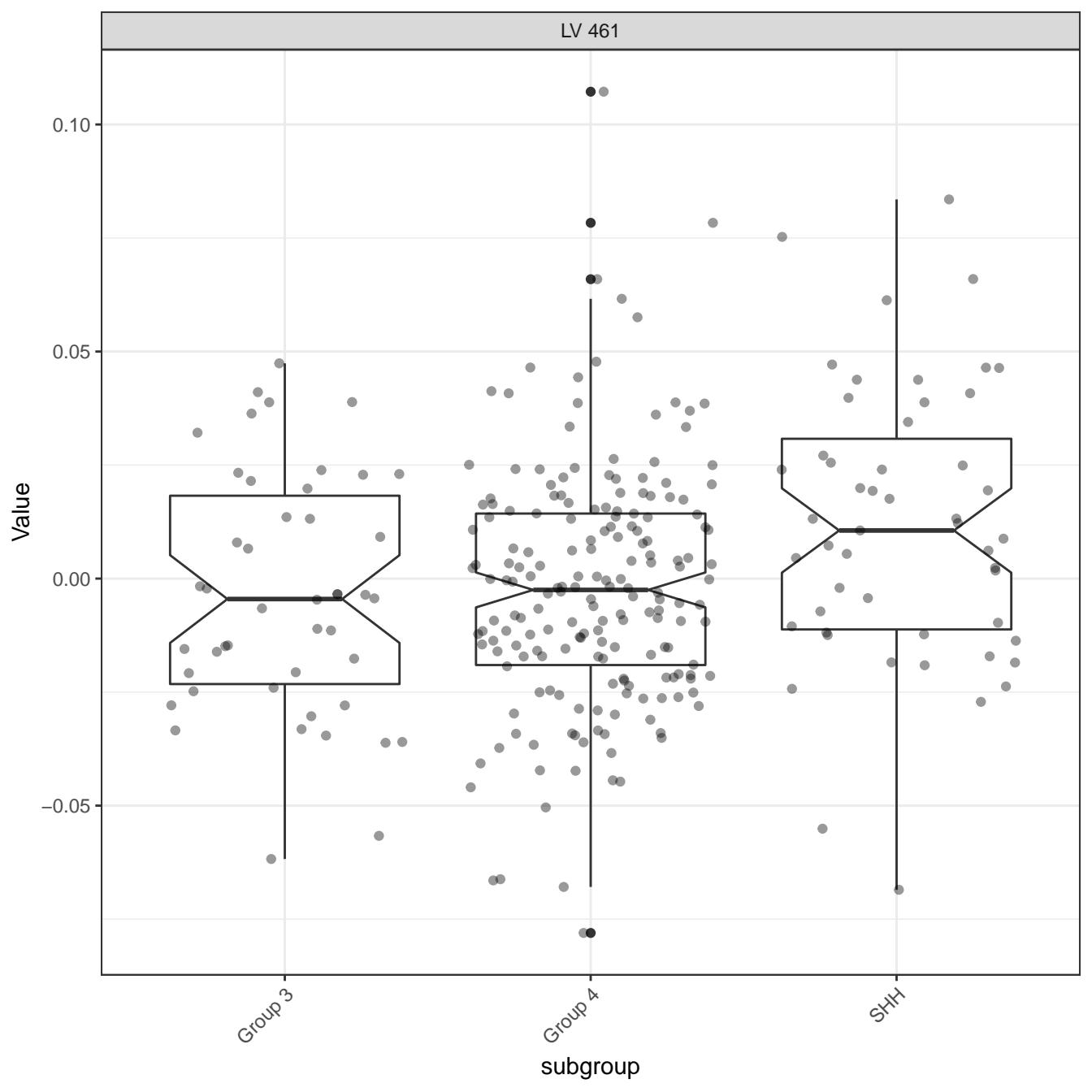
-0.05

Group 3

subgroup

SHH

Group 4



LV 462

Value

0.05

0.00

-0.05

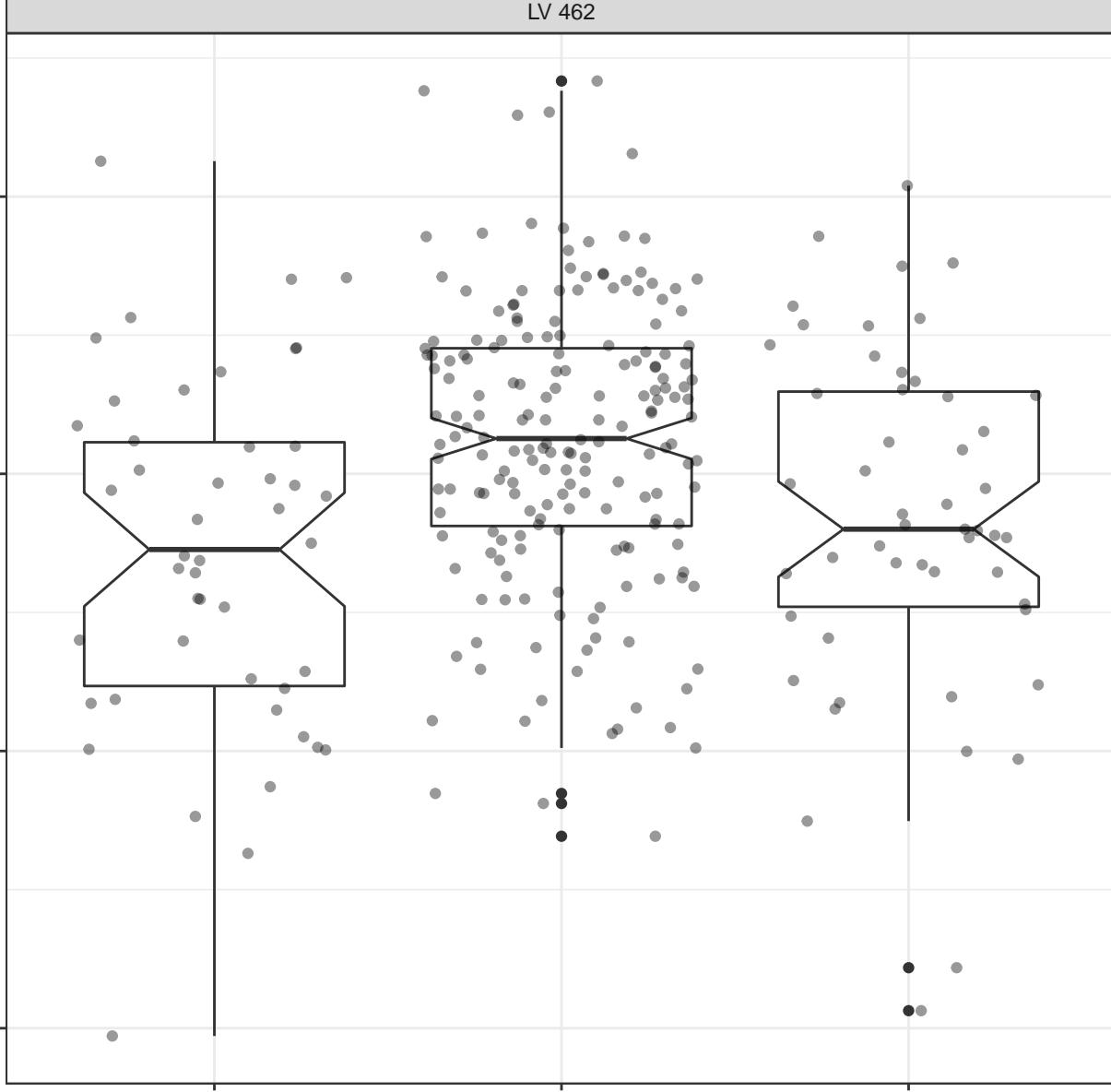
-0.10

Group 3

subgroup

Group 4

SHH



LV 463

Value

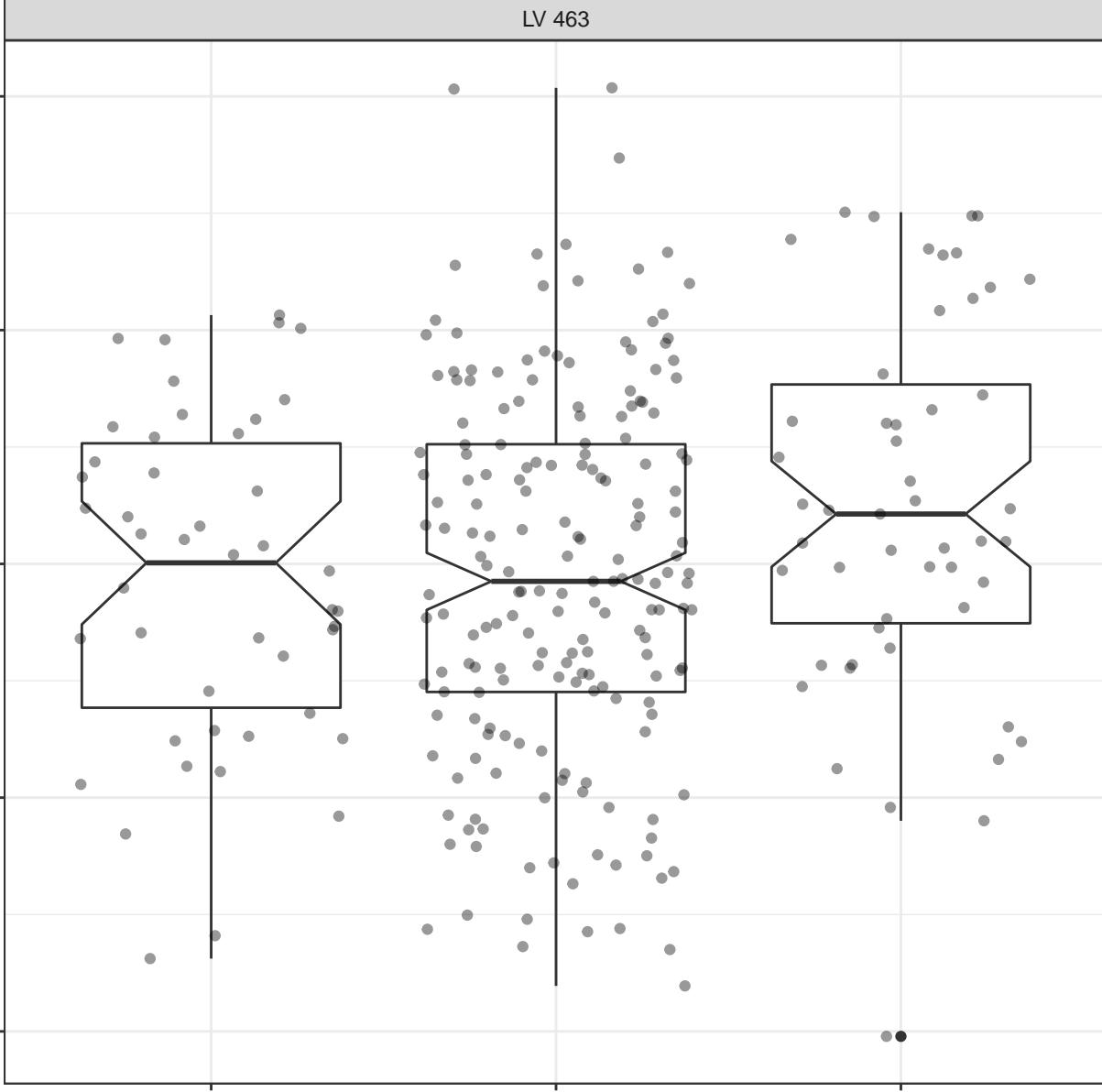
0.06
0.03
0.00
-0.03
-0.06

Group 3

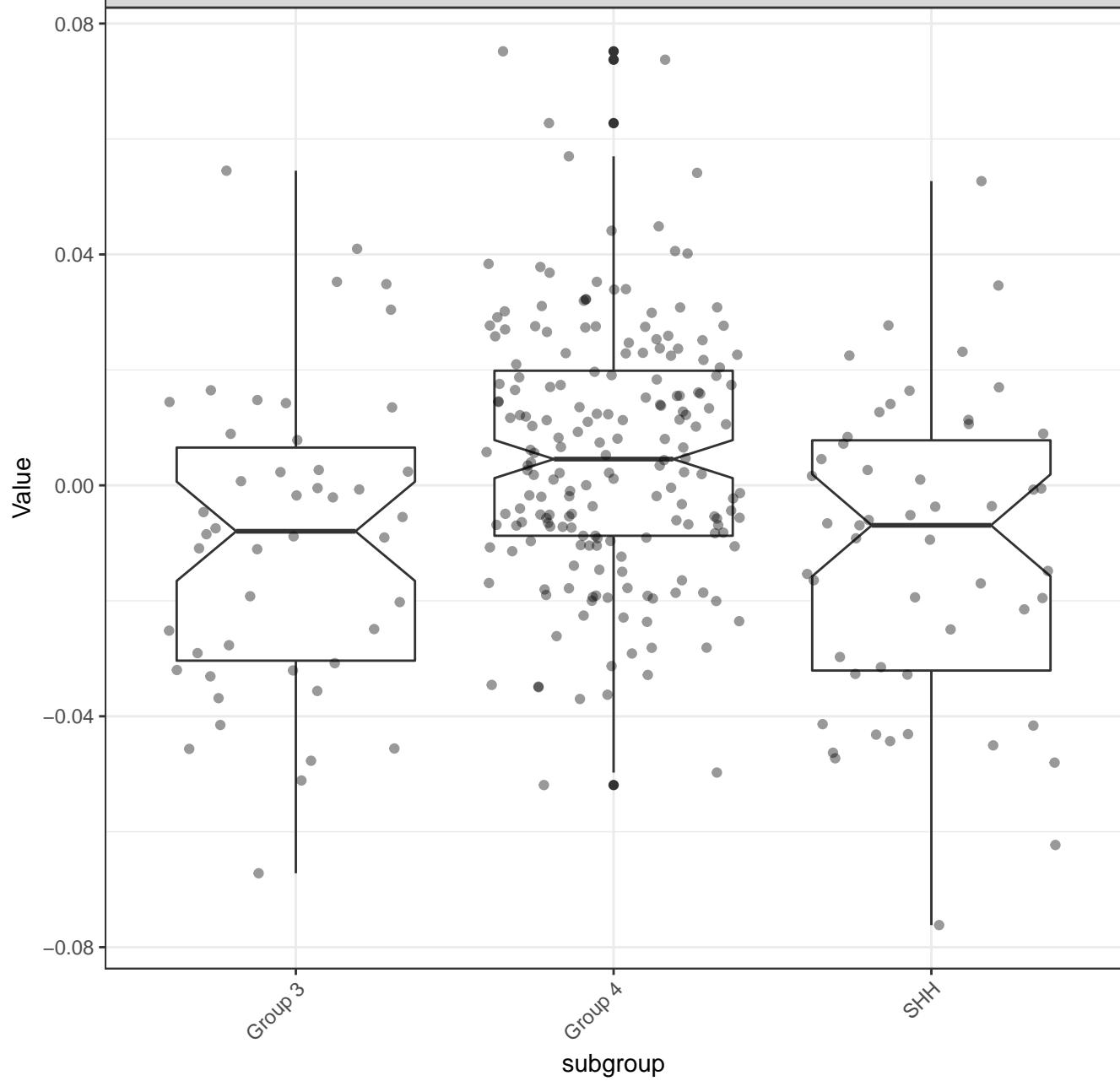
Group 4

SHH

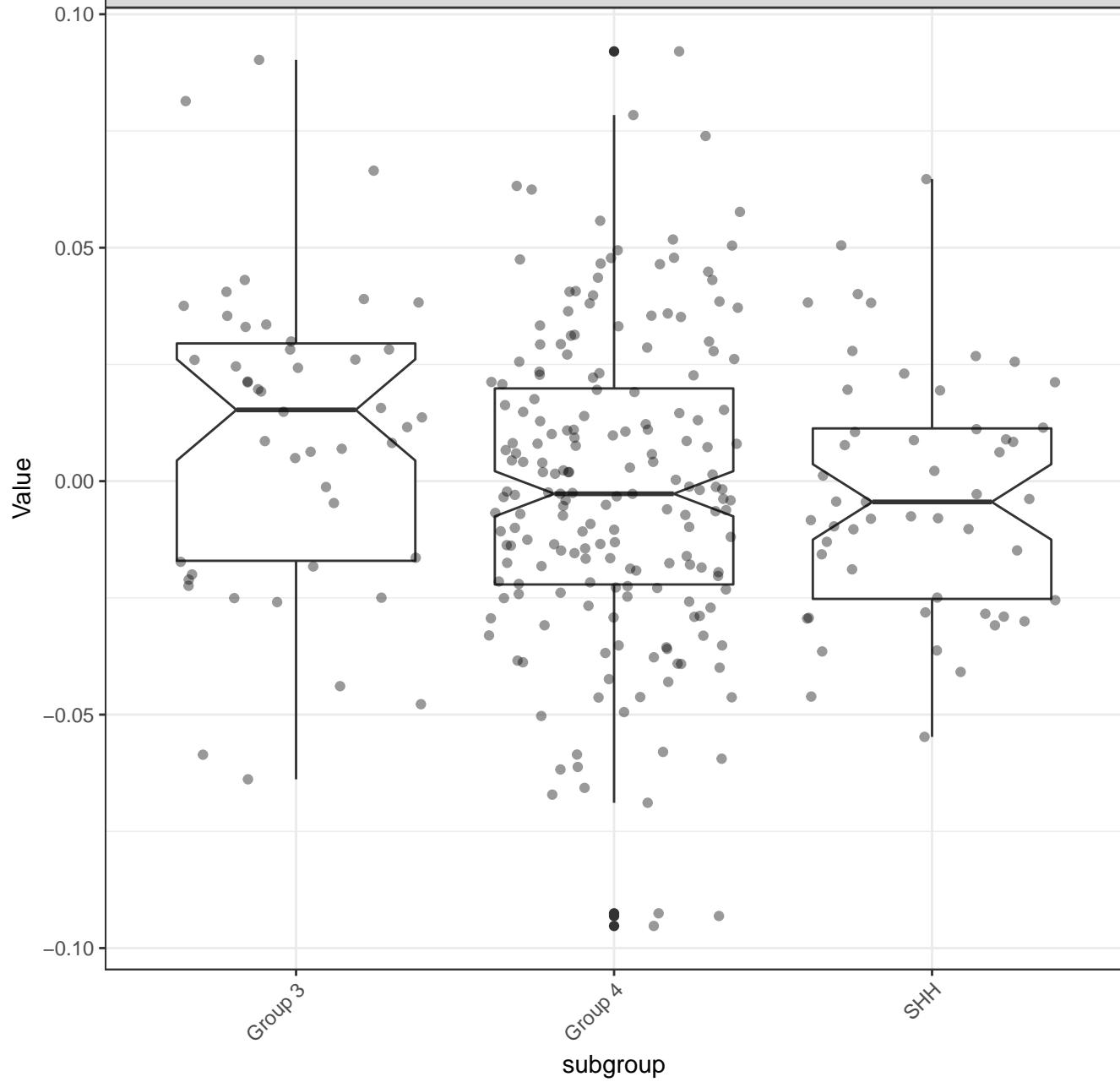
subgroup



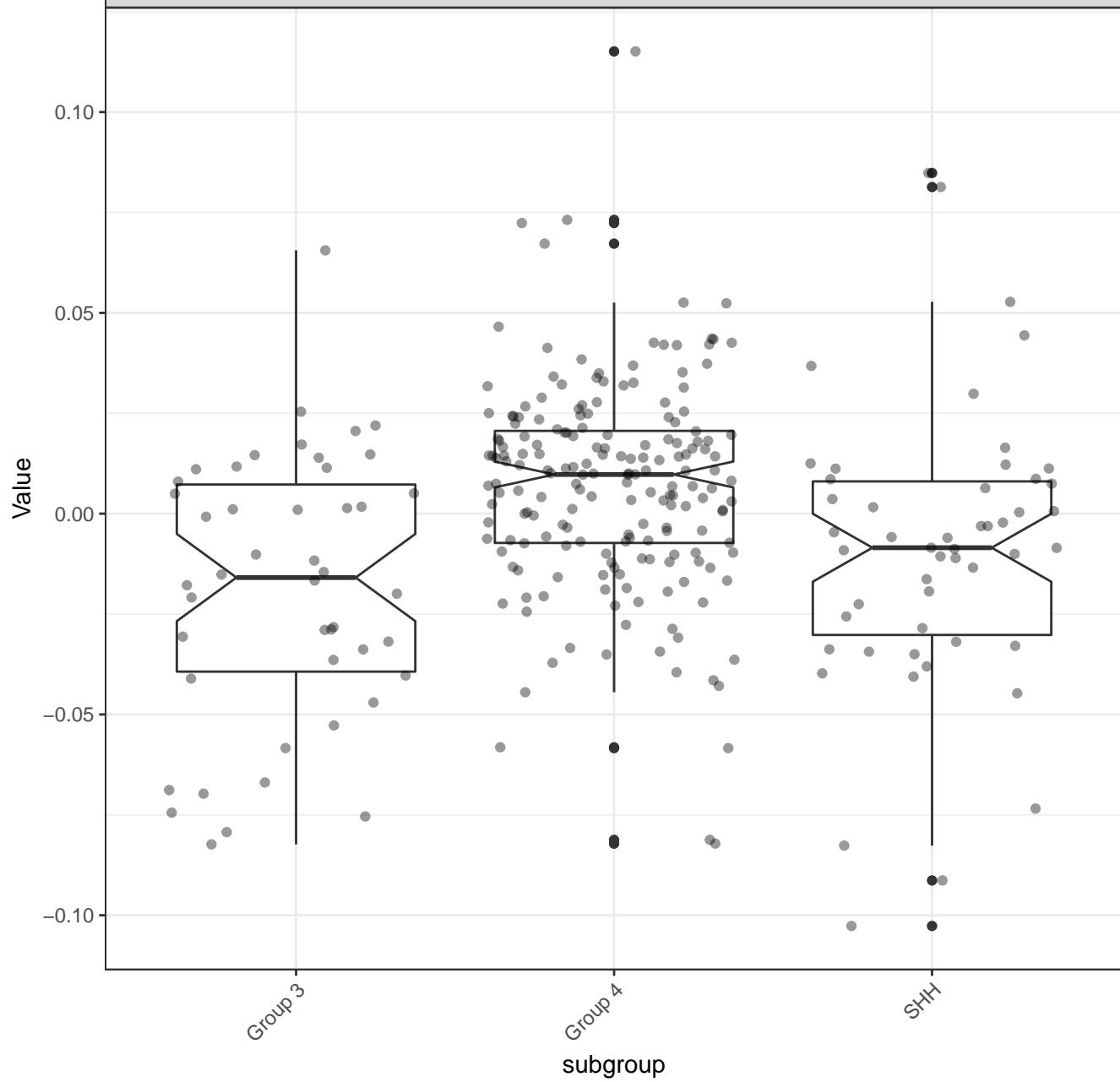
LV 464



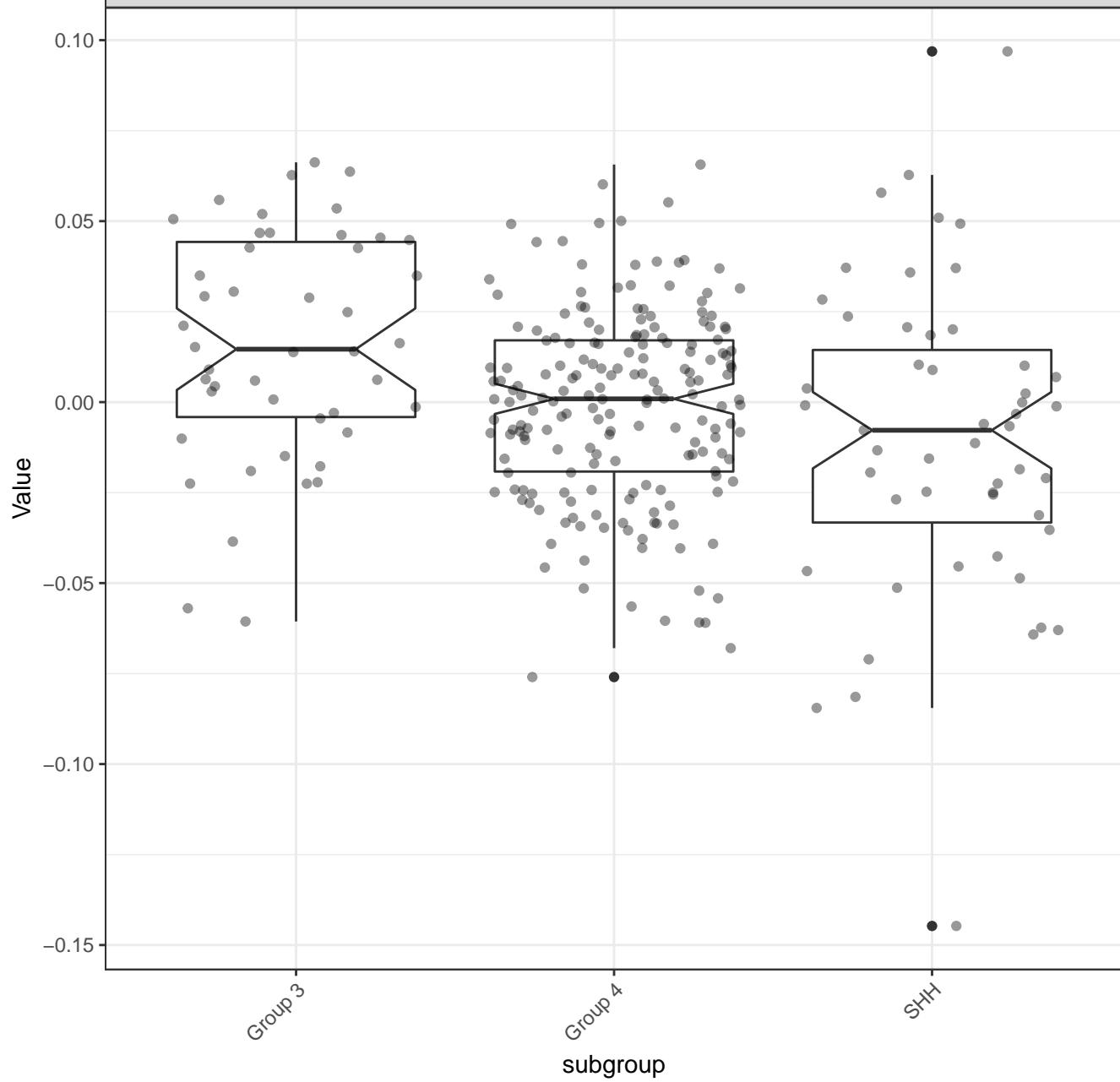
LV 465



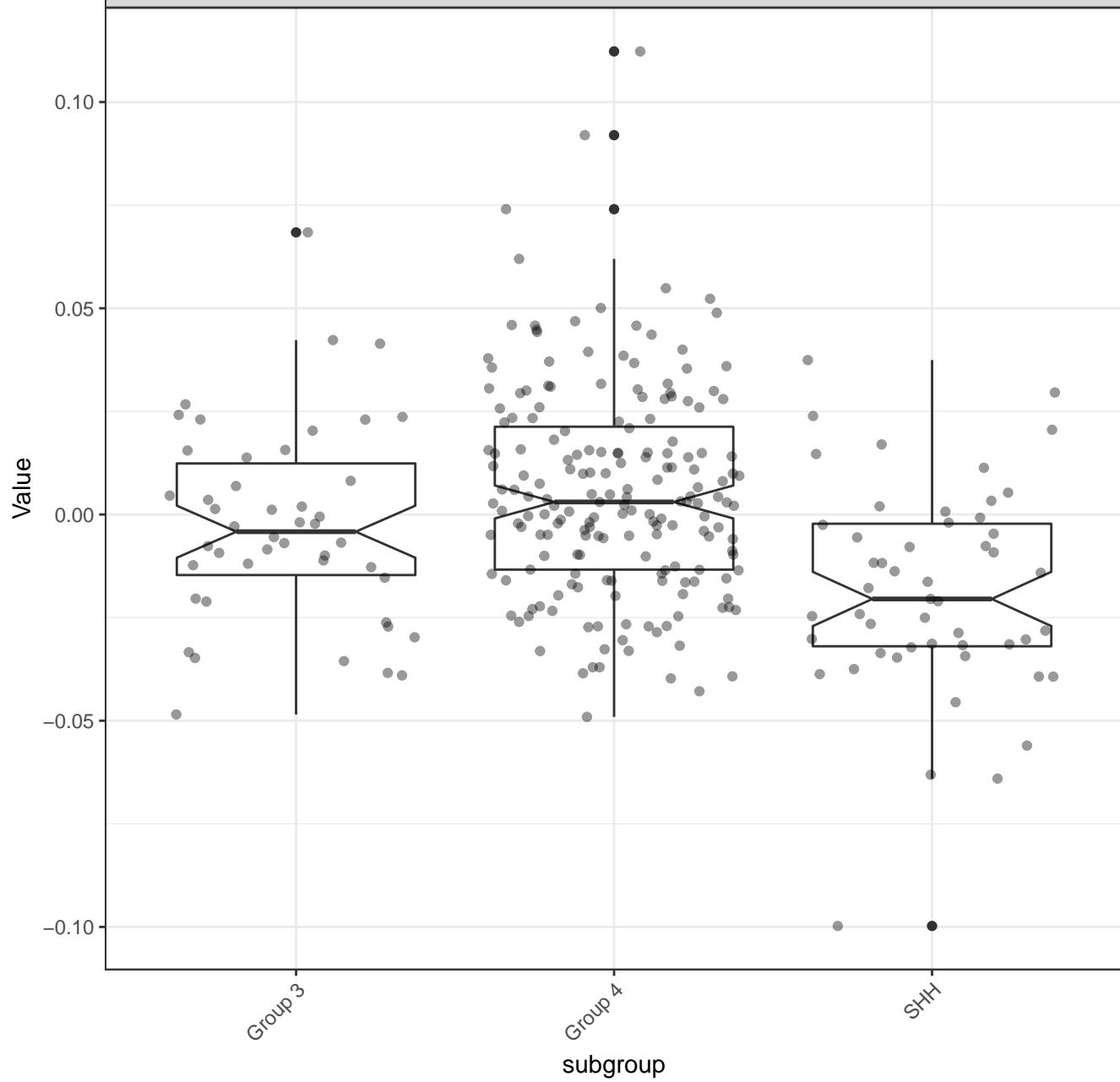
LV 466



LV 467



LV 468



LV 469

Value

0.10

0.05

0.00

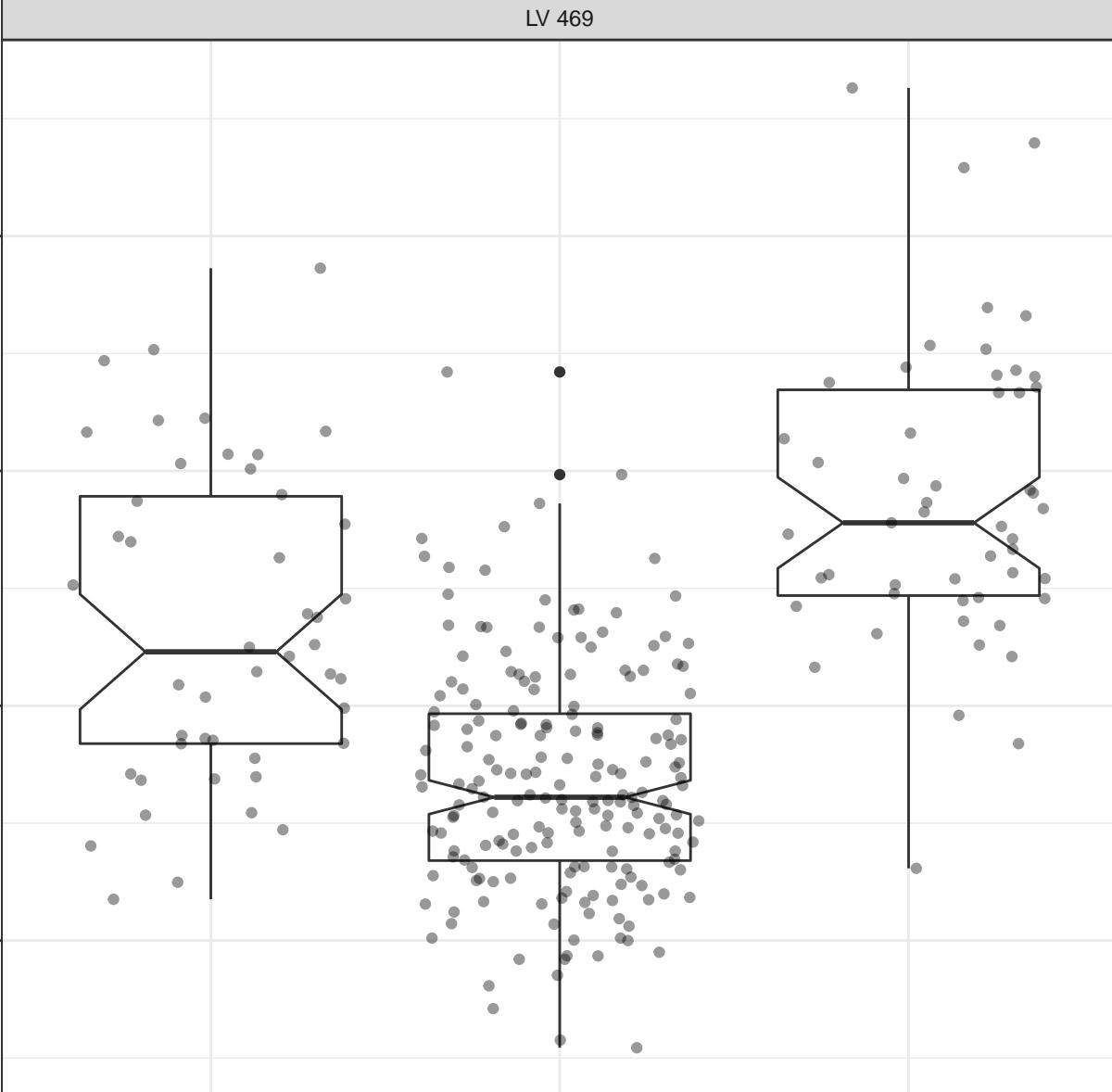
-0.05

Group 3

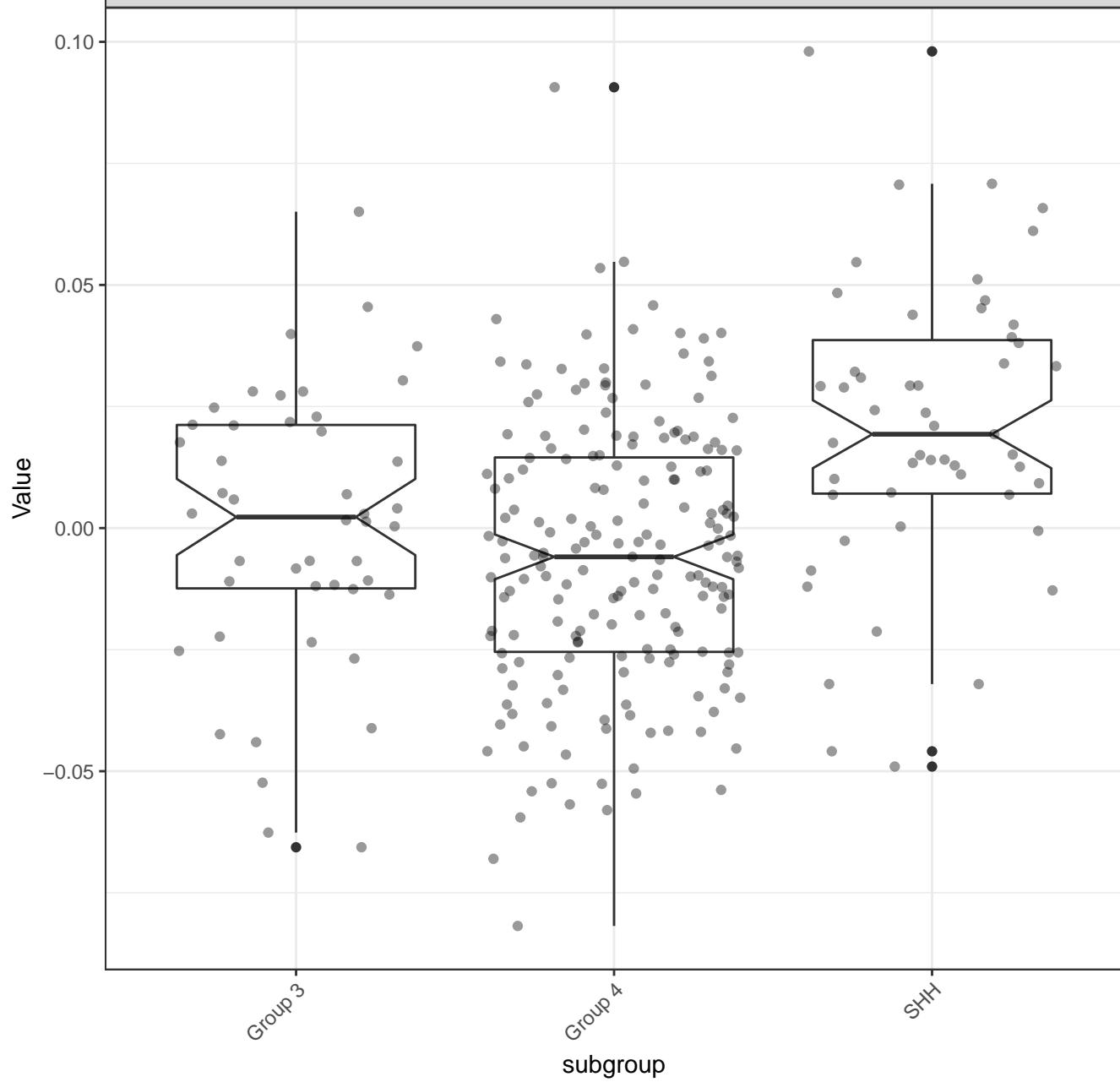
subgroup

Group 4

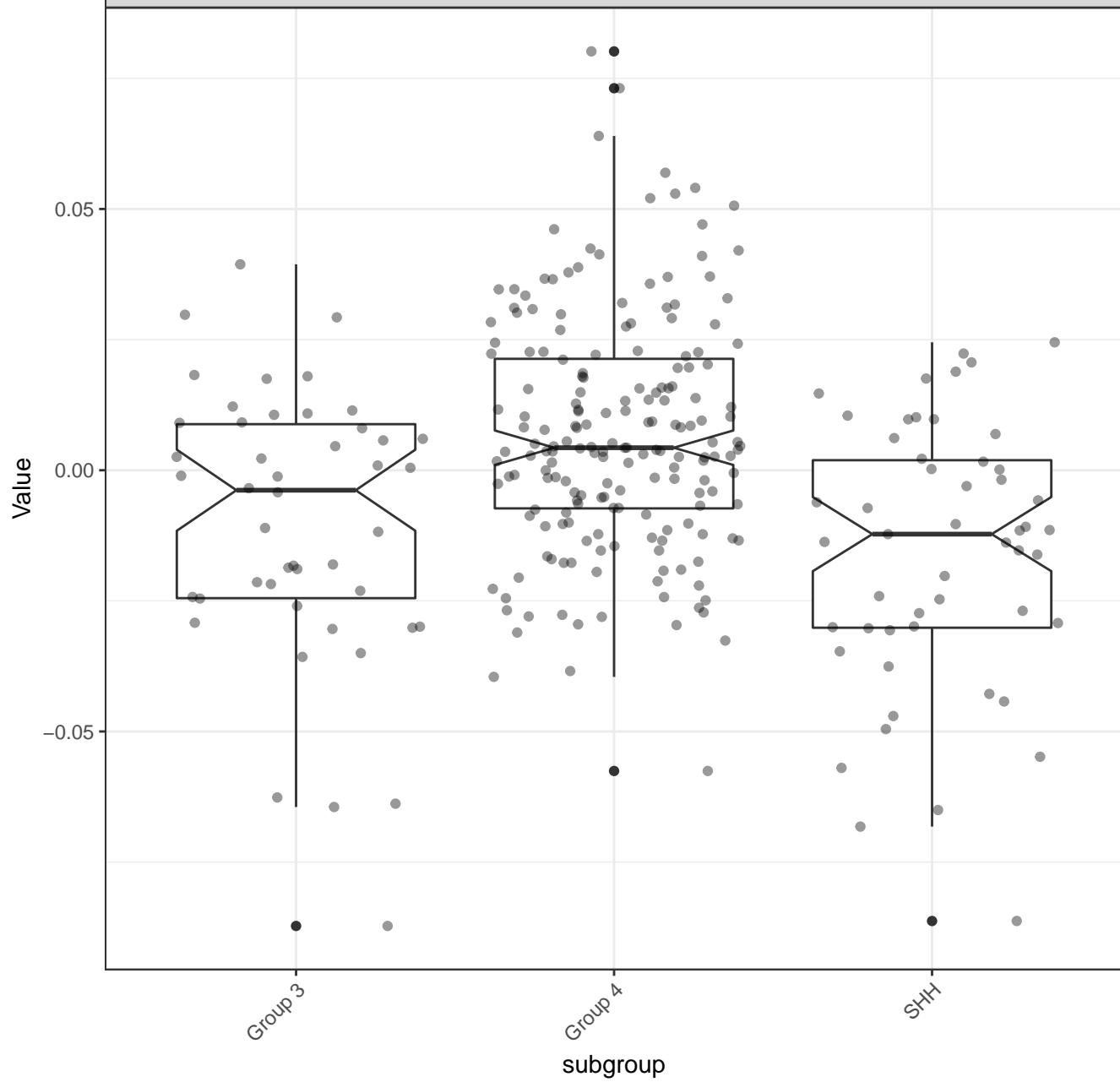
SHH



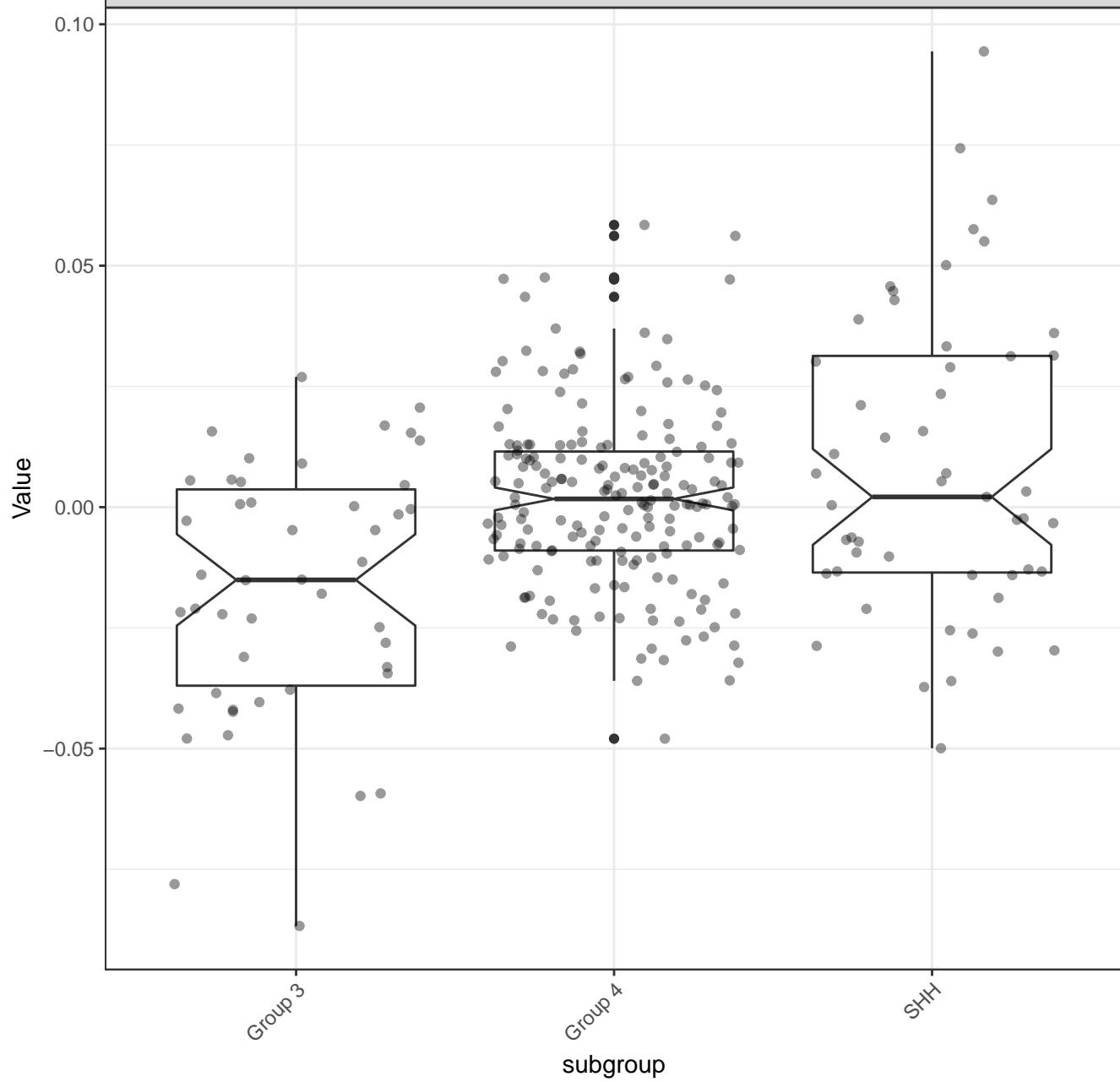
LV 470



LV 471



LV 472



473,KEGG_COMPLEMENT_AND_COAGULATION_CASCADES

Value

0.10

0.05

0.00

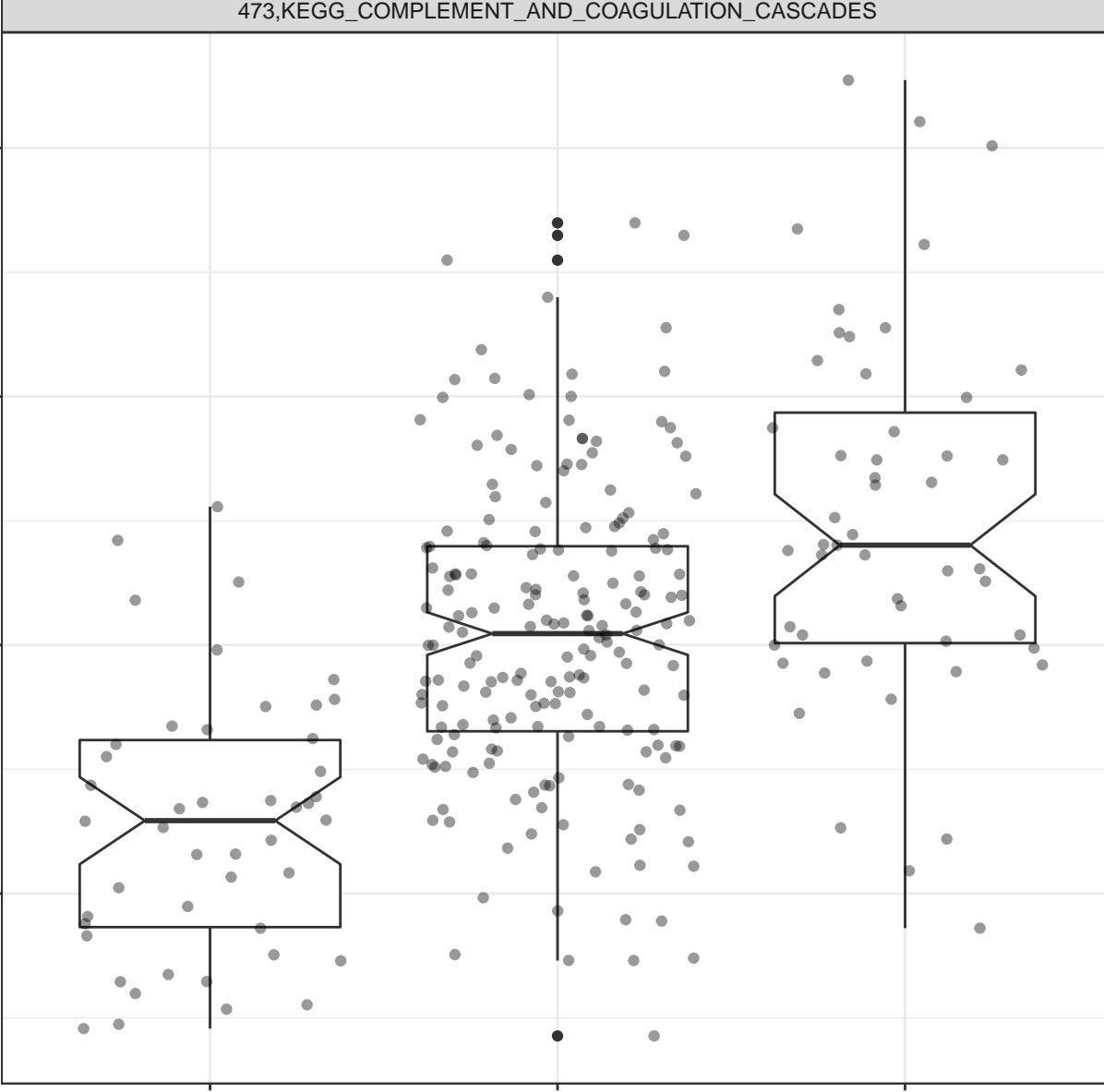
-0.05

Group 3

subgroup

Group 4

SHH



LV 474

Vvalue

0.08

0.04

0.00

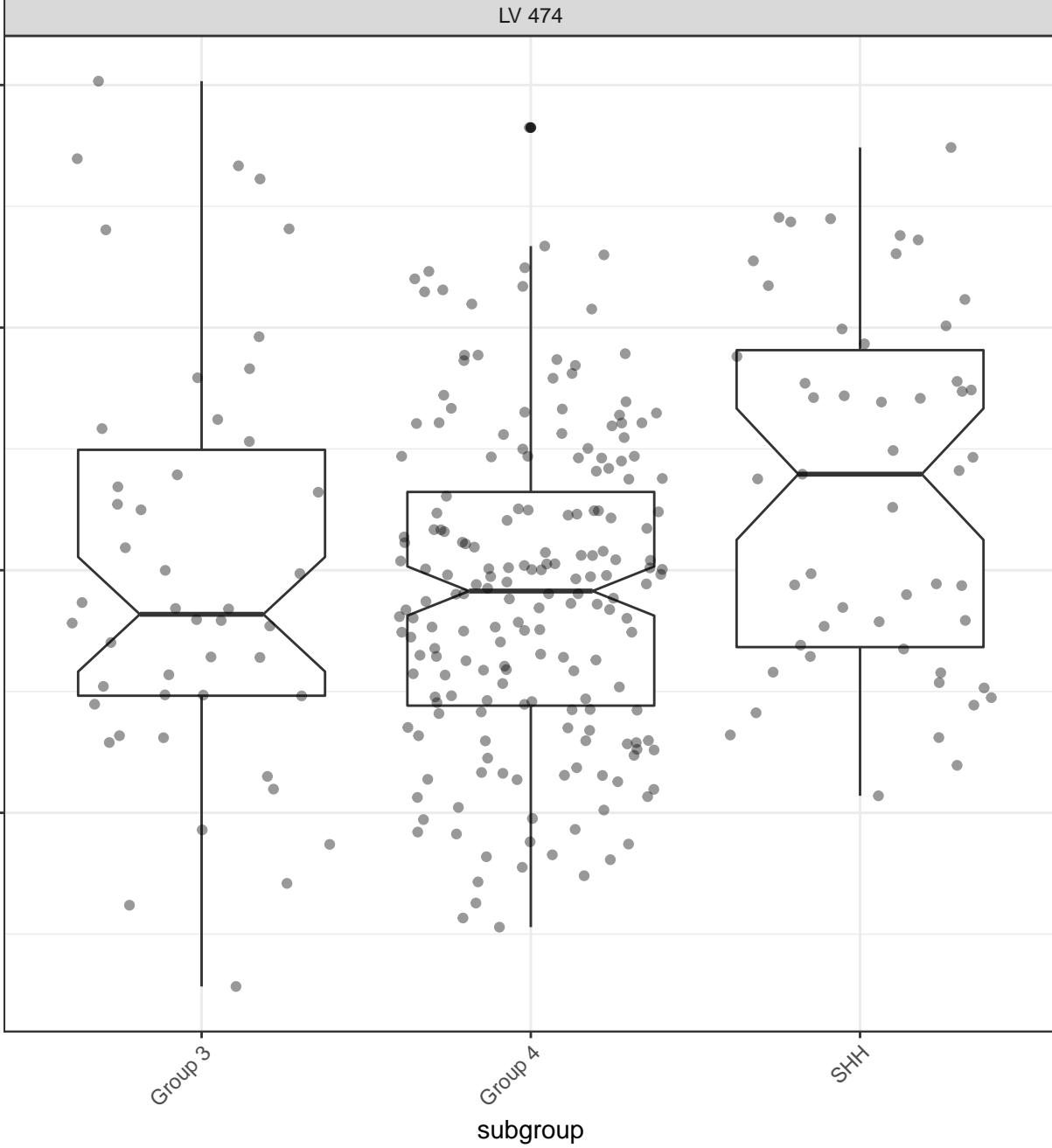
-0.04

Group 3

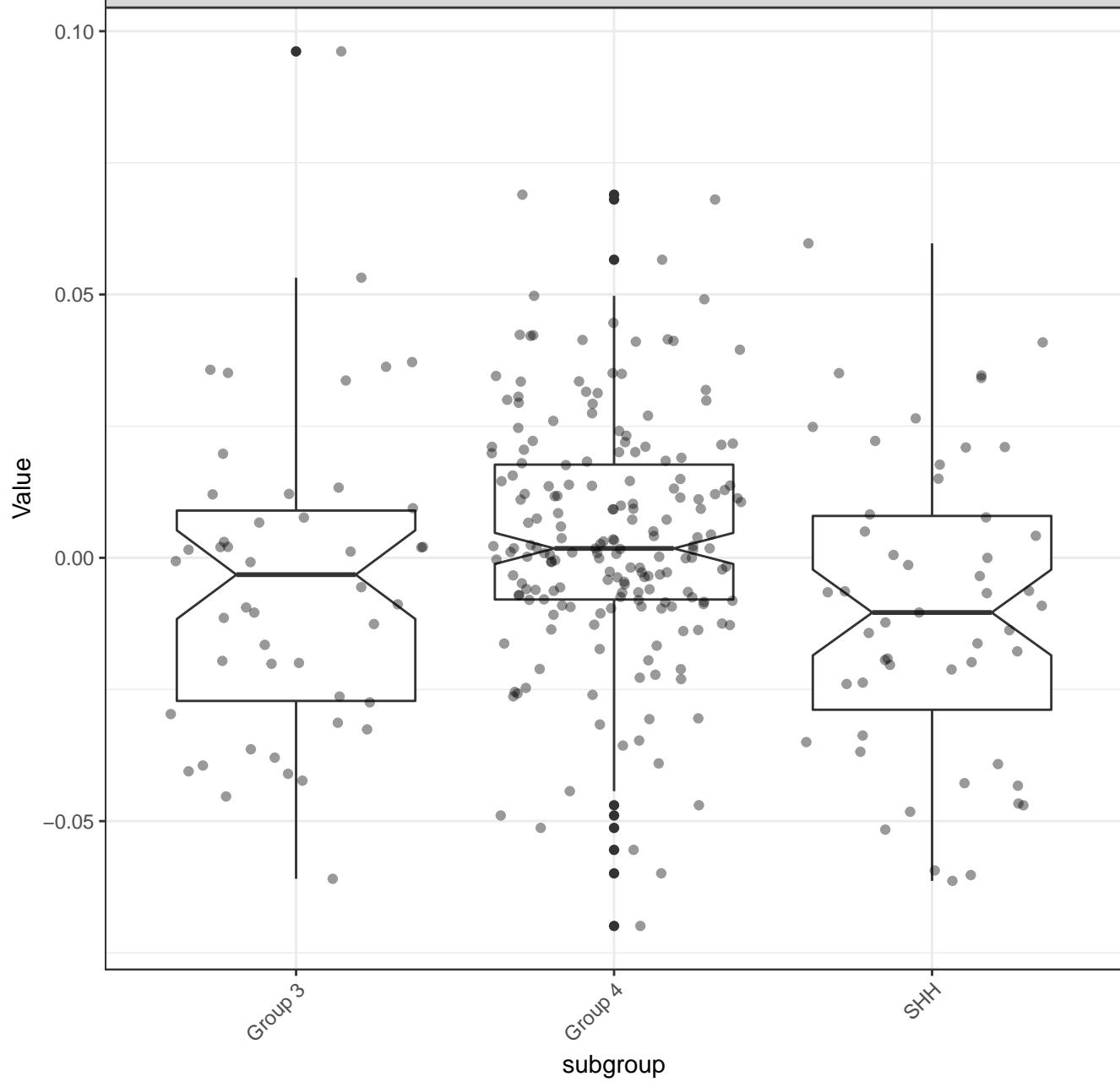
Group 4

SHH

subgroup



LV 475



LV 476

Value

0.05

0.00

-0.05

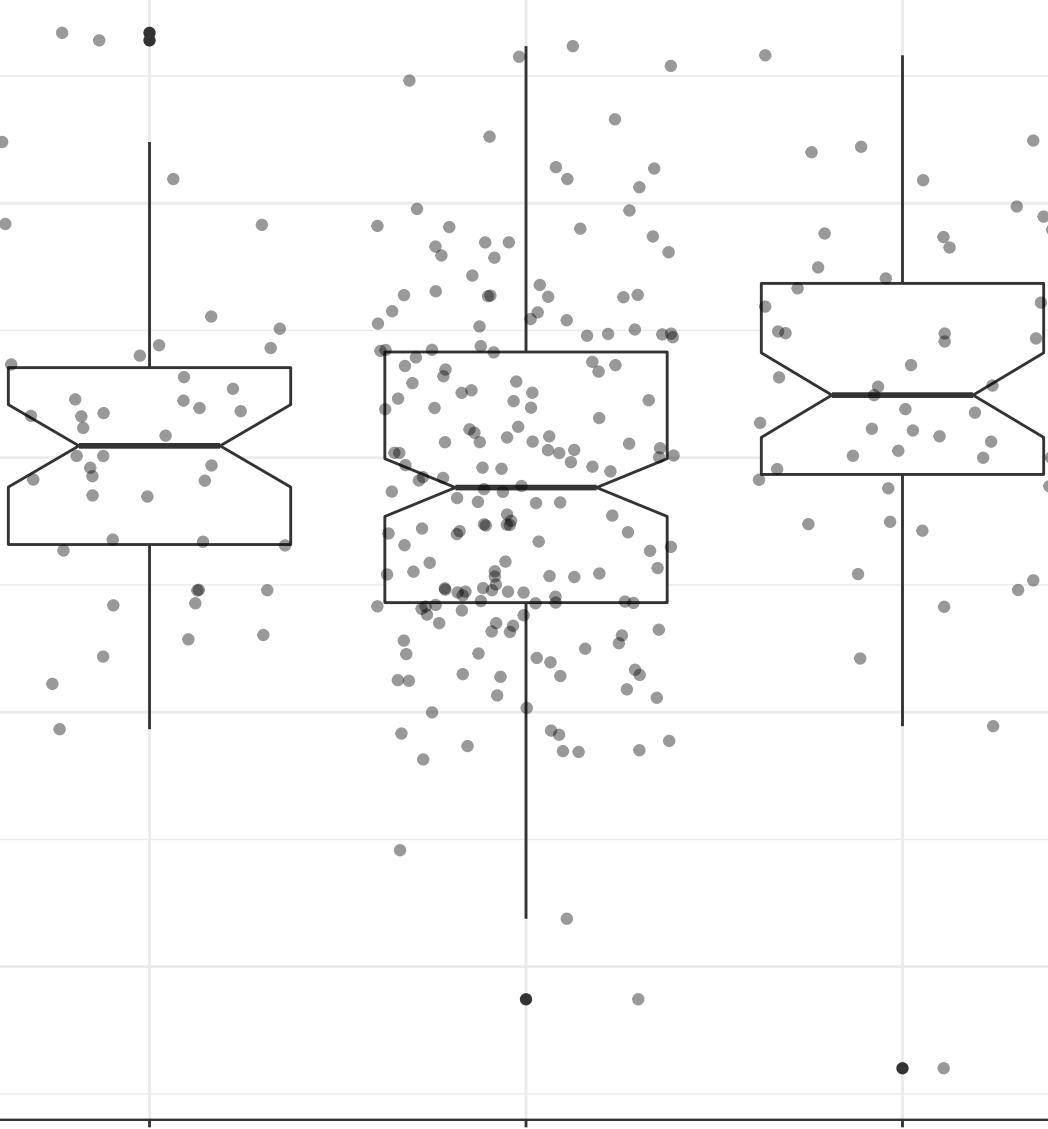
-0.10

Group 3

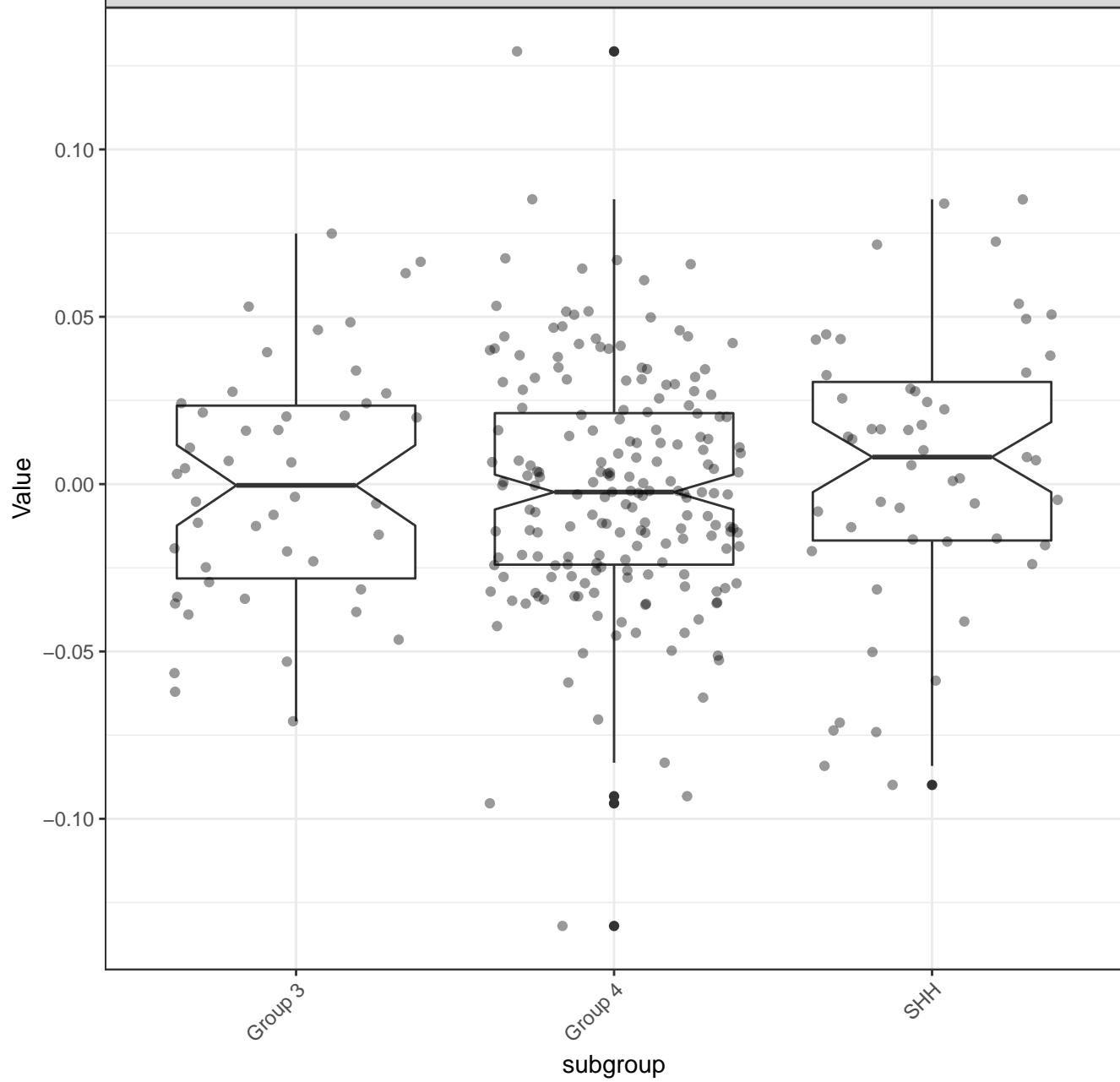
subgroup

Group 4

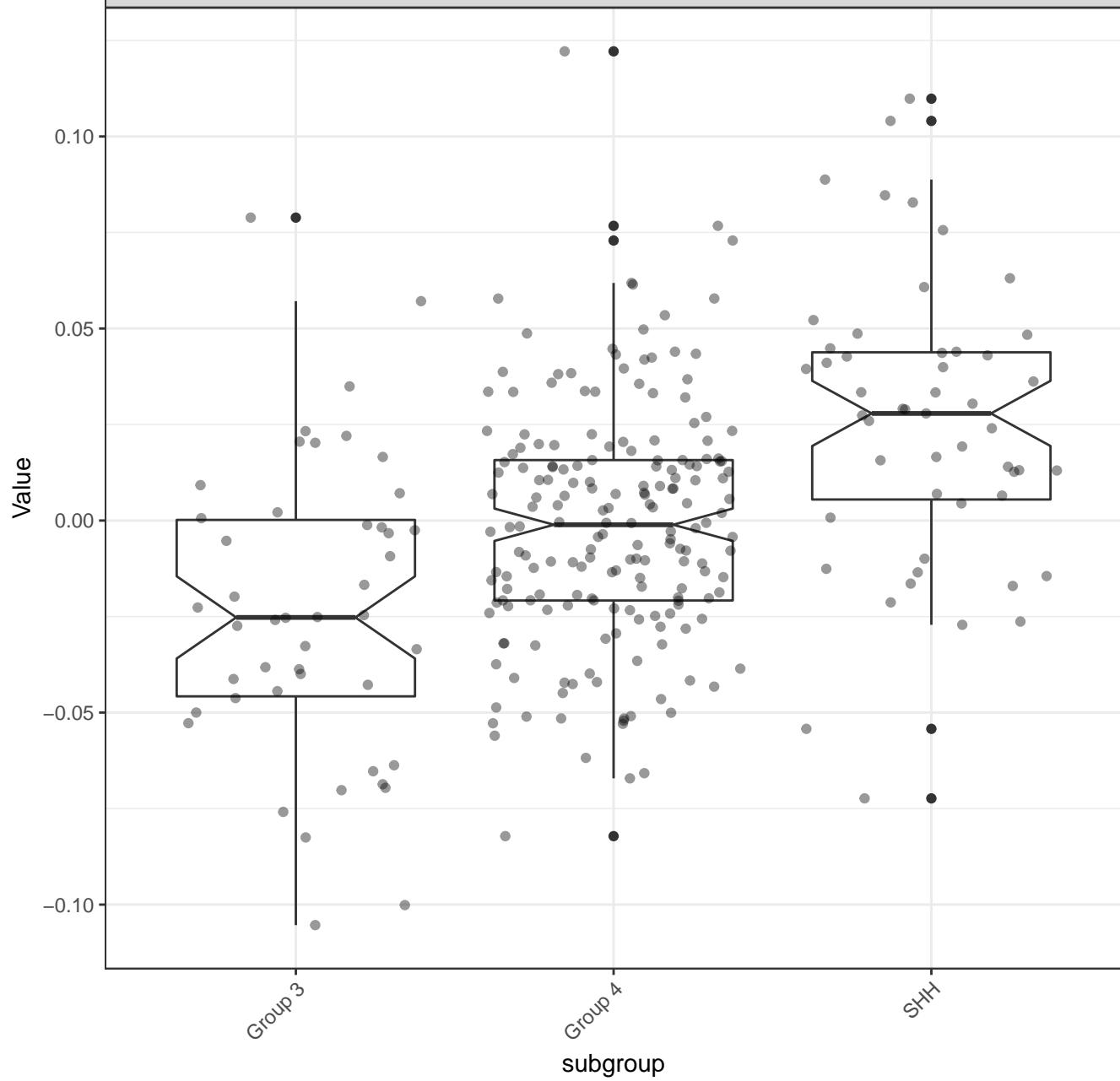
SHH

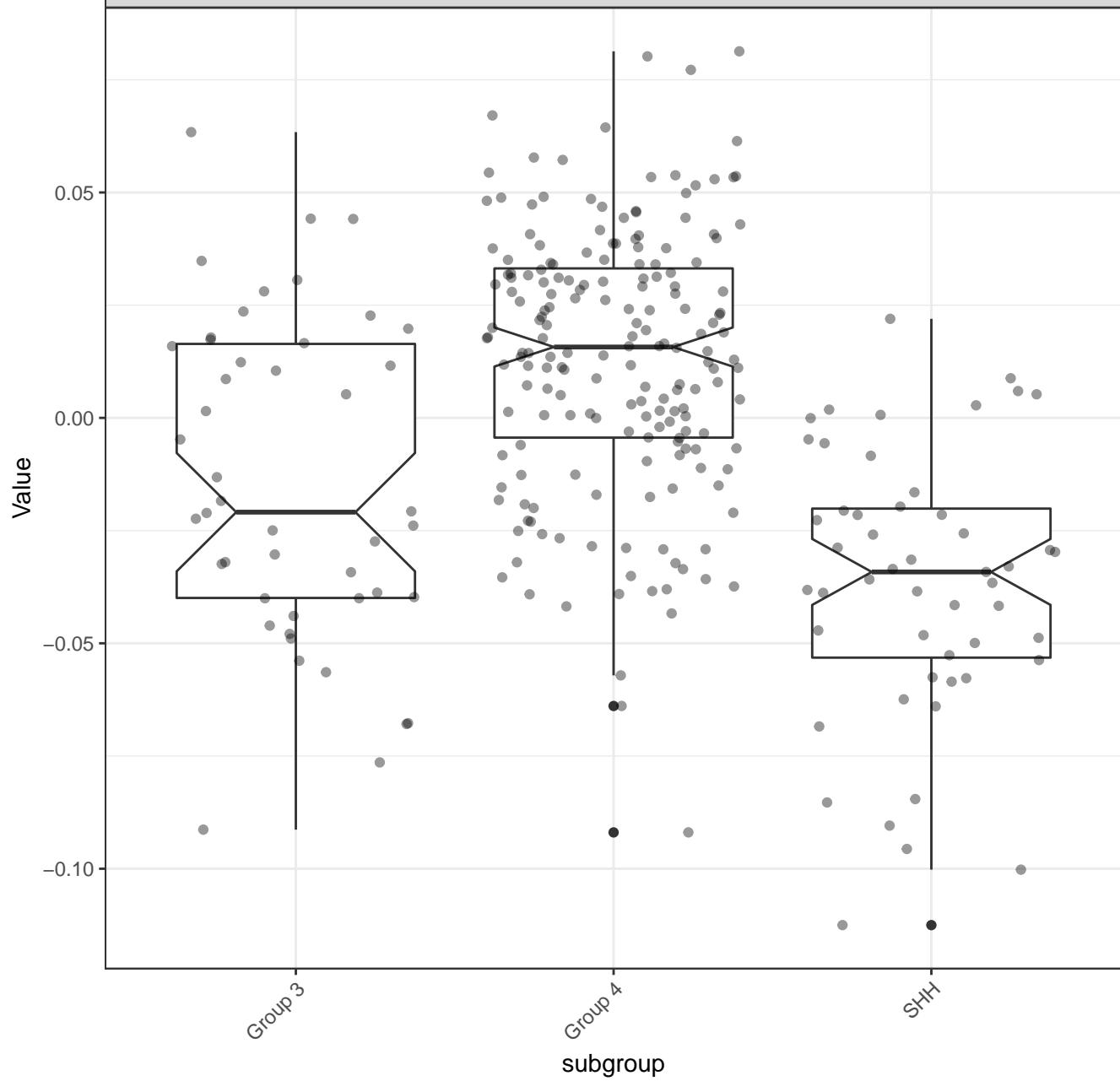


LV 477



LV 478





LV 480

Value

0.10

0.05

0.00

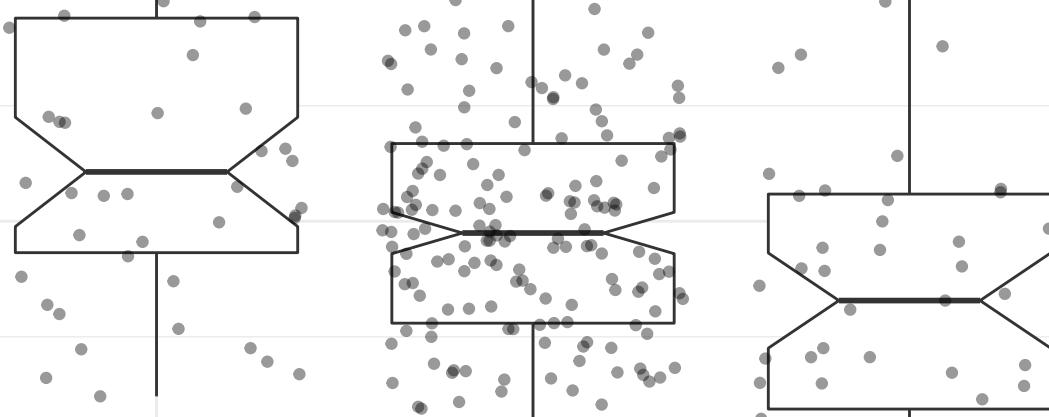
-0.05

-0.10

Group 3

subgroup

SHH



LV 481

Value

0.2

0.1

0.0

-0.1

Group 3

Group 4

SHH

subgroup



LV 482

Value

0.05

0.00

-0.05

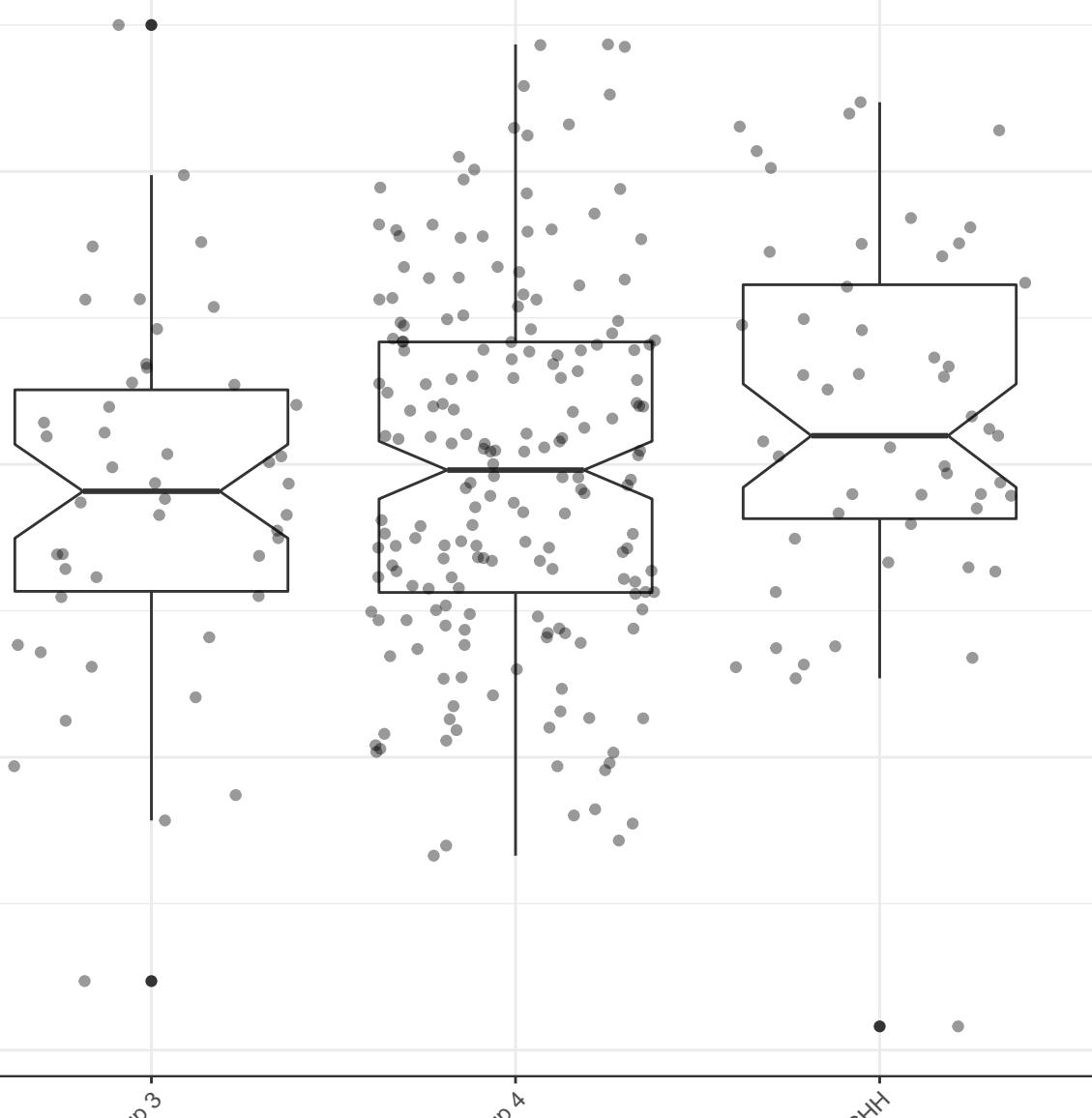
-0.10

Group 3

subgroup

Group 4

SHH



LV 483

Value

0.10

0.05

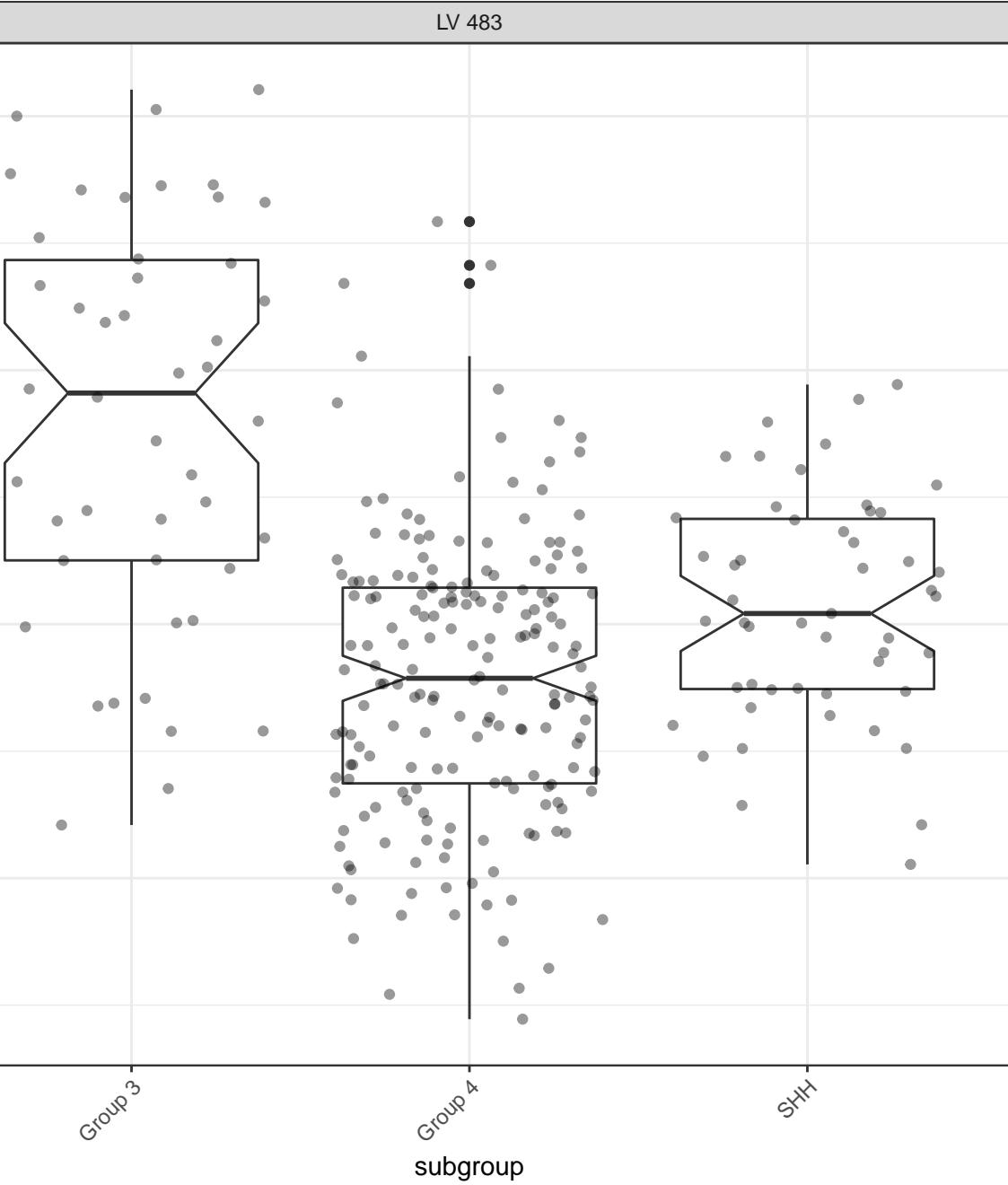
0.00

-0.05

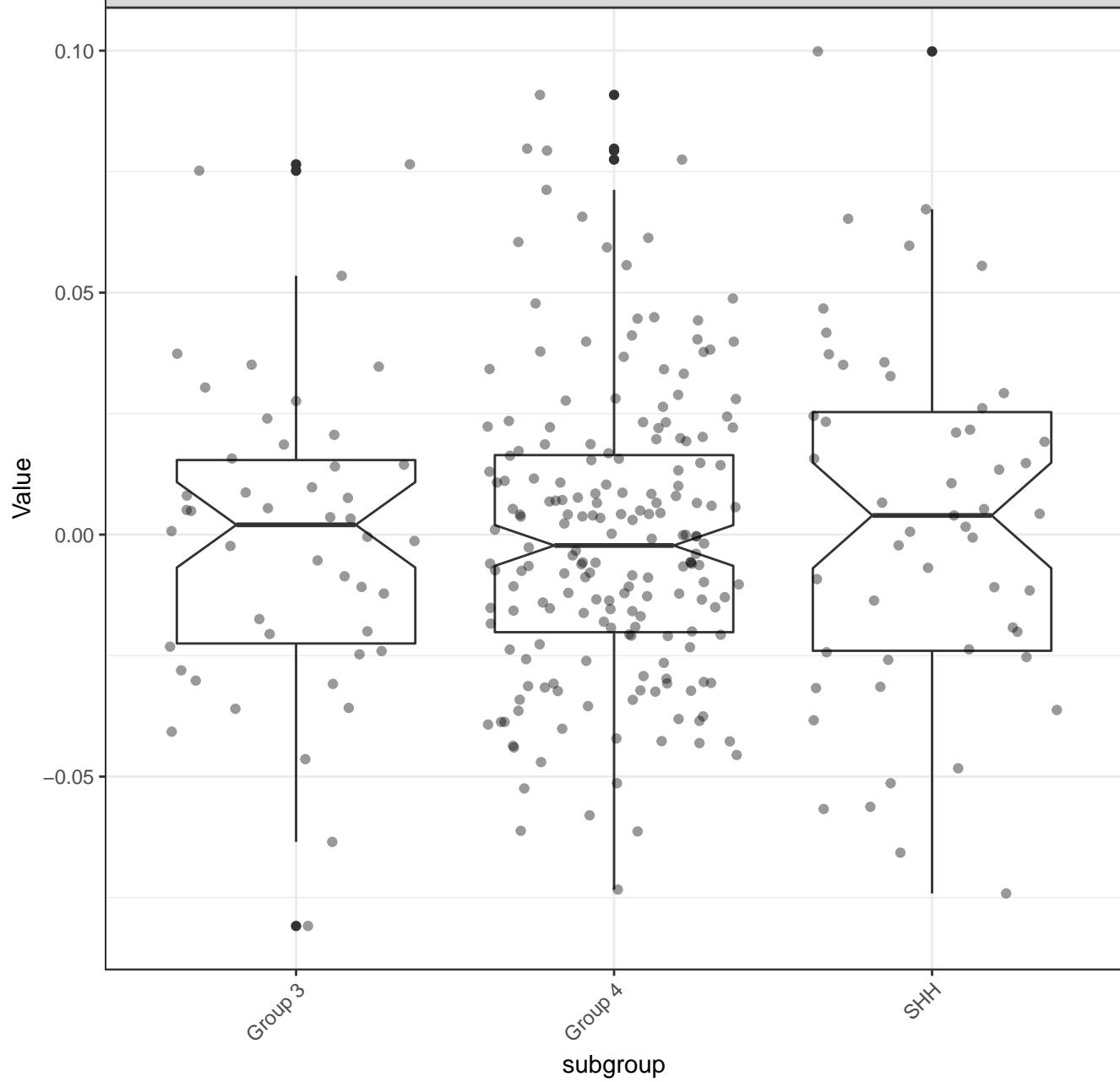
Group 3

subgroup

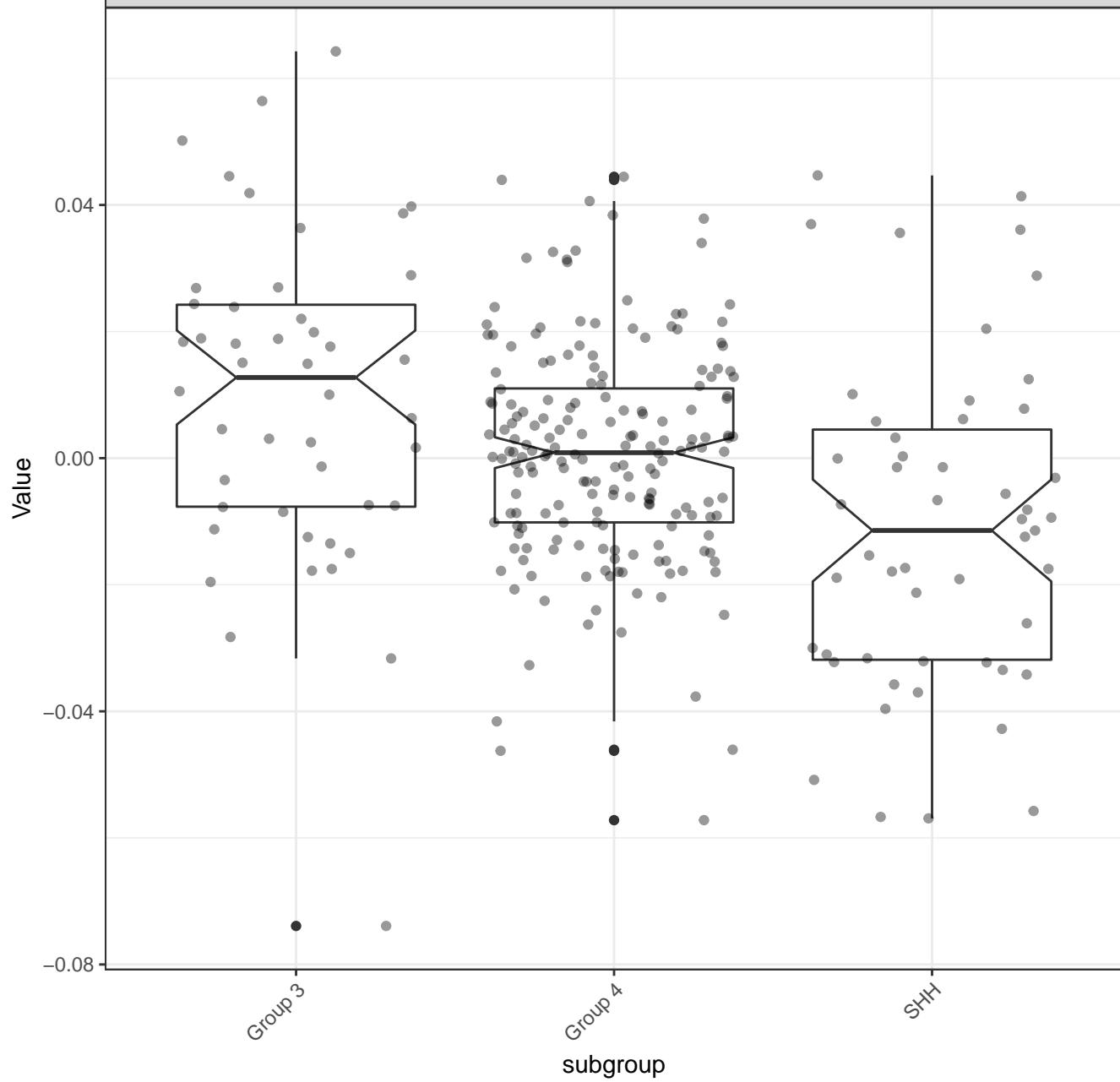
SHH



LV 484



LV 485



LV 486

Value

0.2

0.1

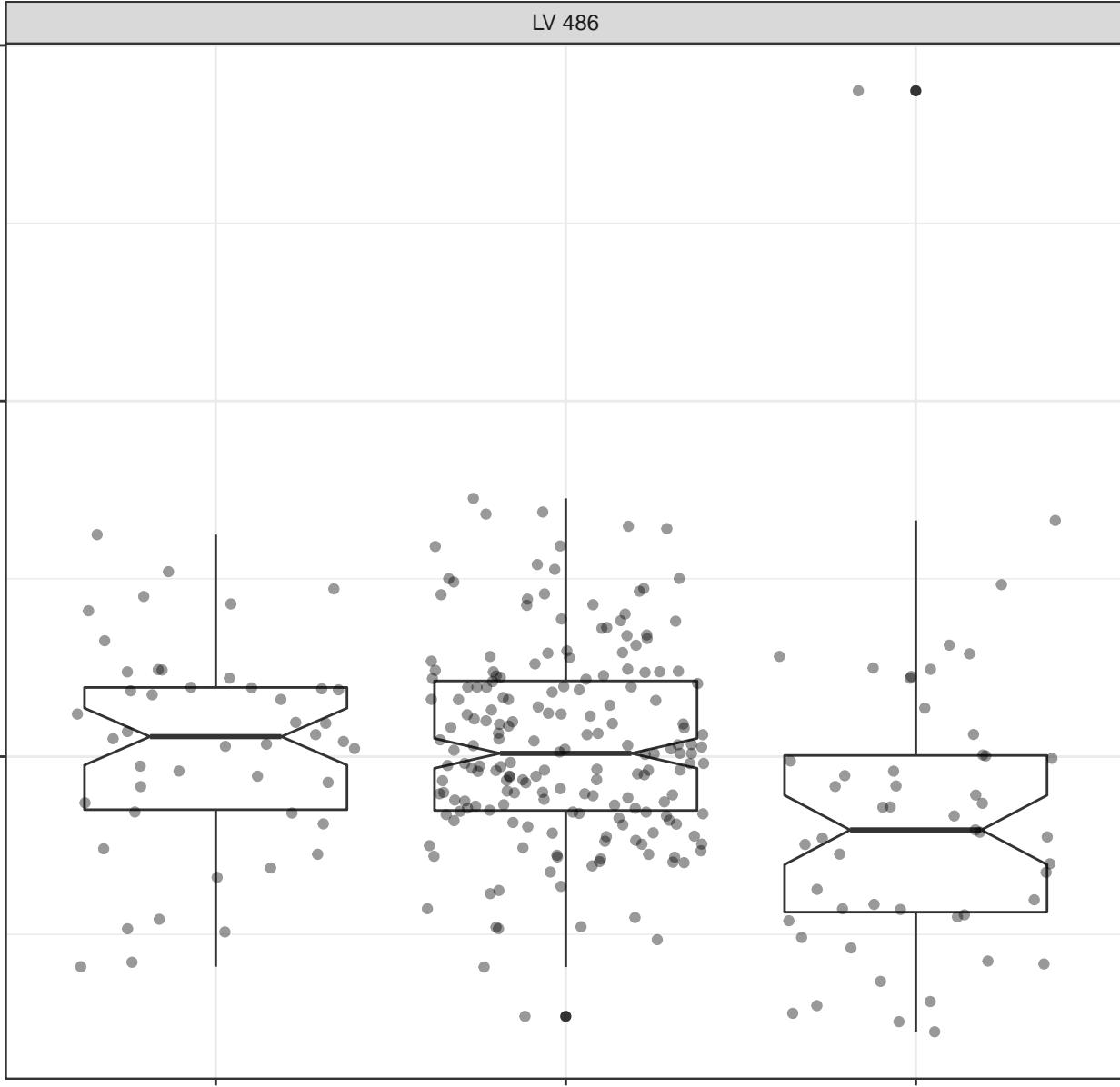
0.0

Group 3

Group 4

SHH

subgroup



LV 487

Value

0.10

0.05

0.00

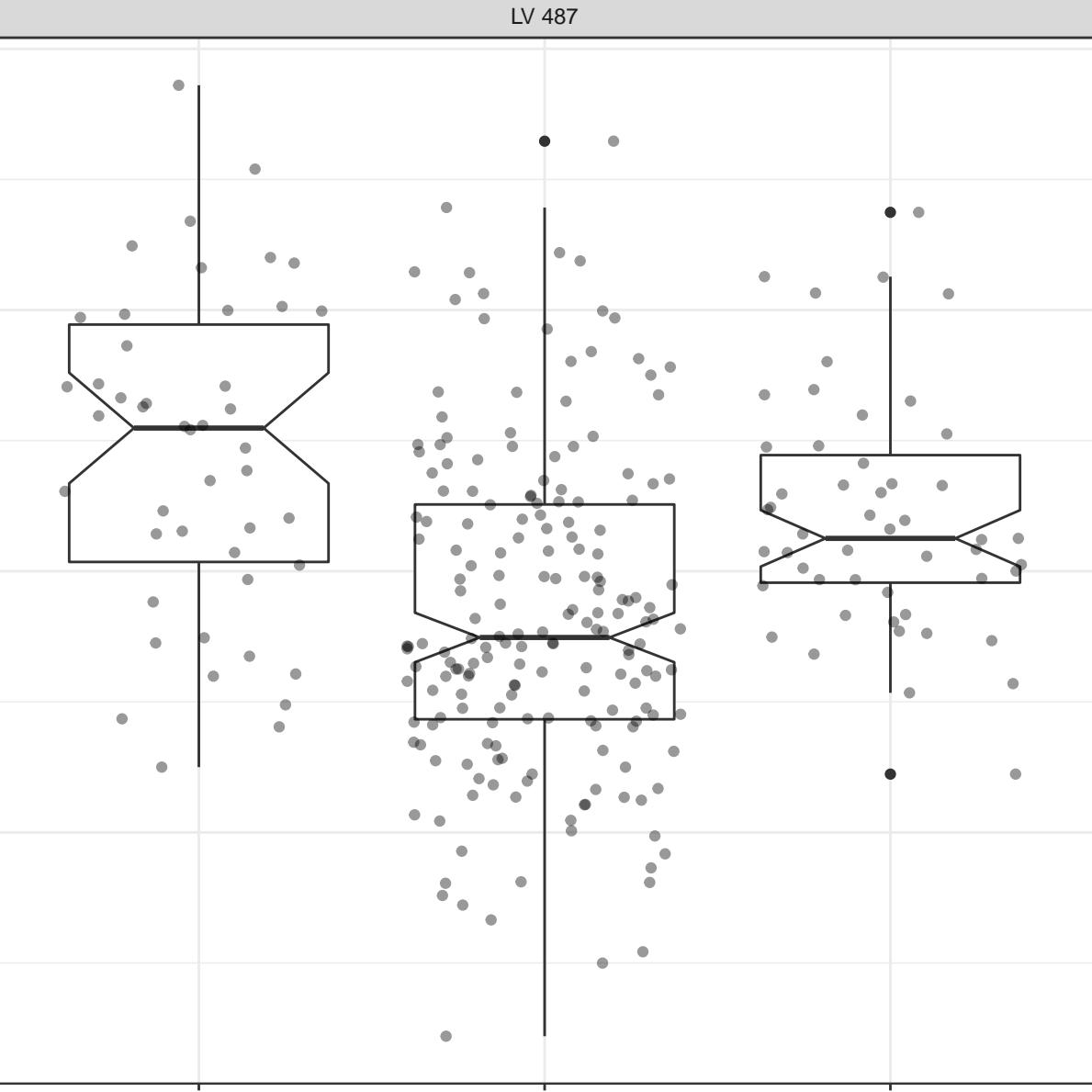
-0.05

Group 3

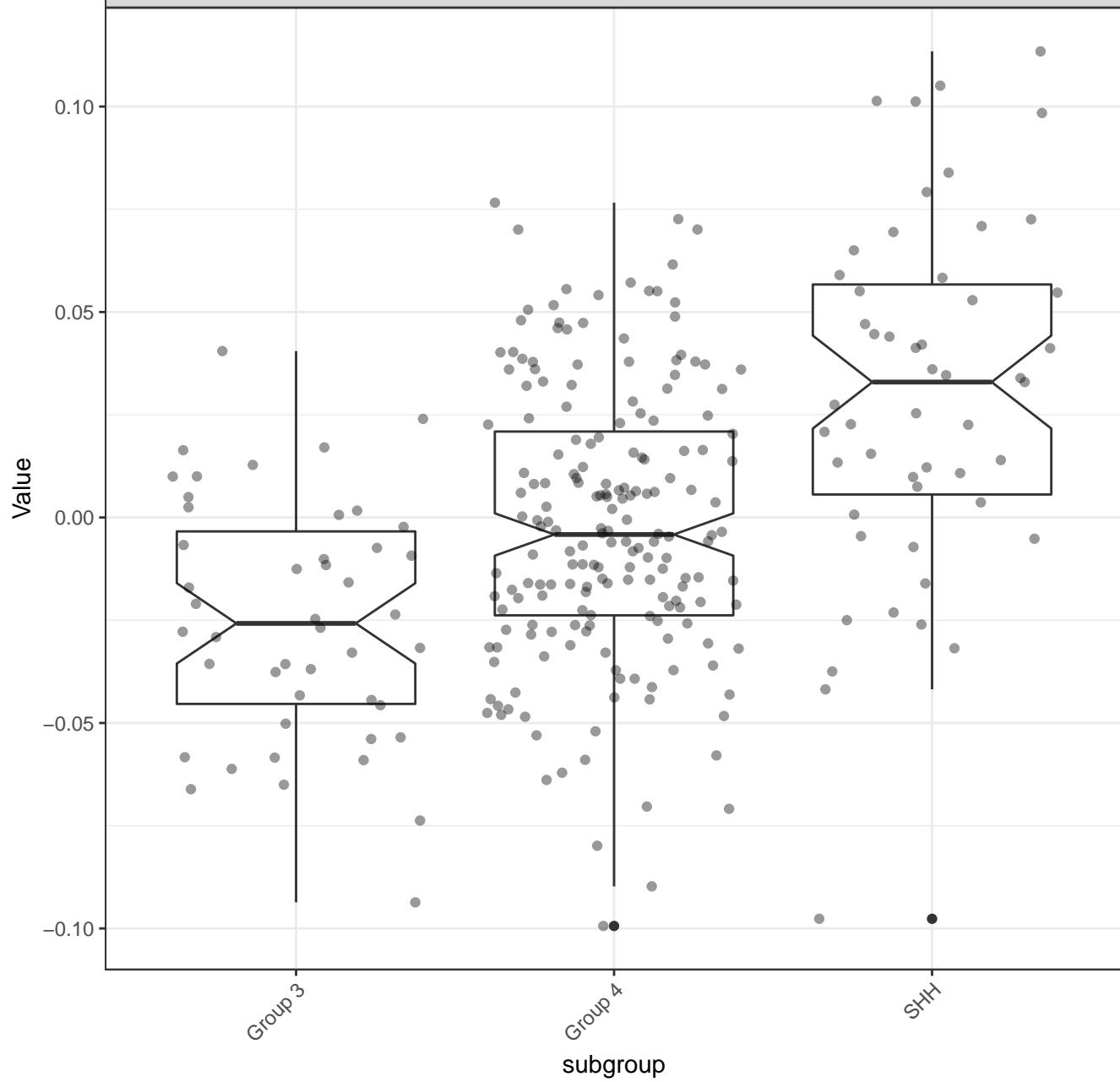
subgroup

SHH

Group 4



LV 488



LV 489

Value

0.05

0.00

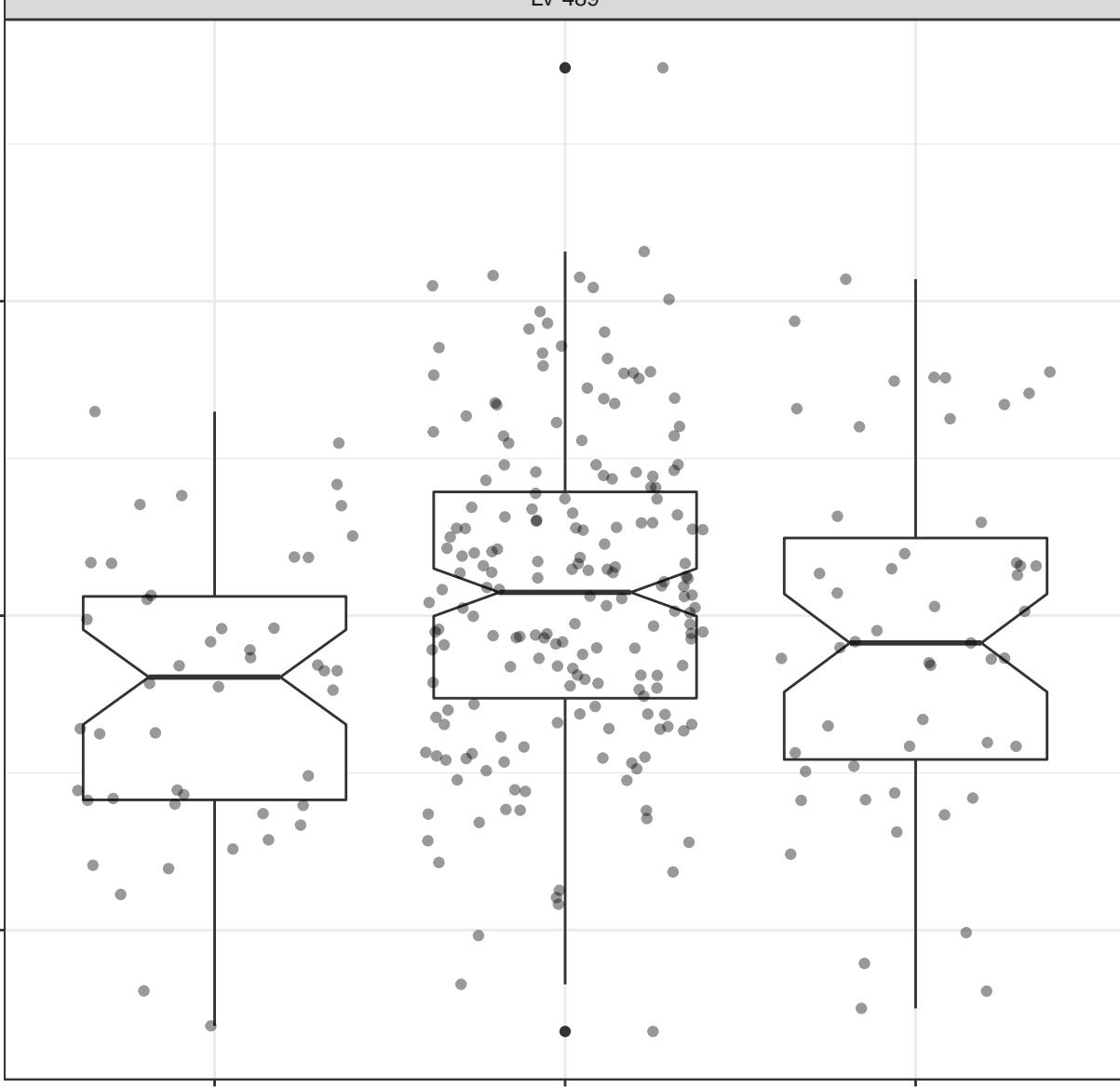
-0.05

Group 3

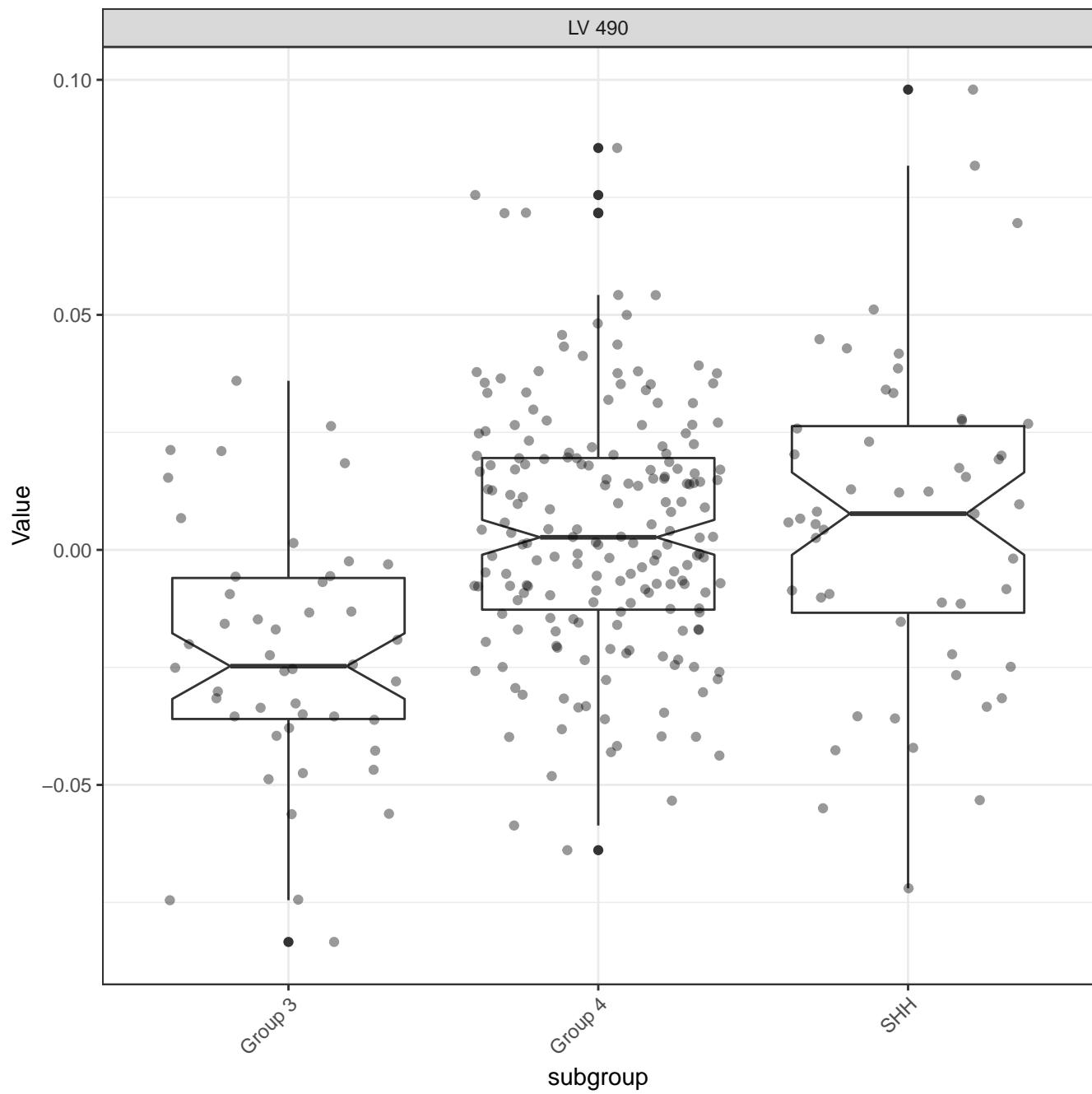
Group 4

SHH

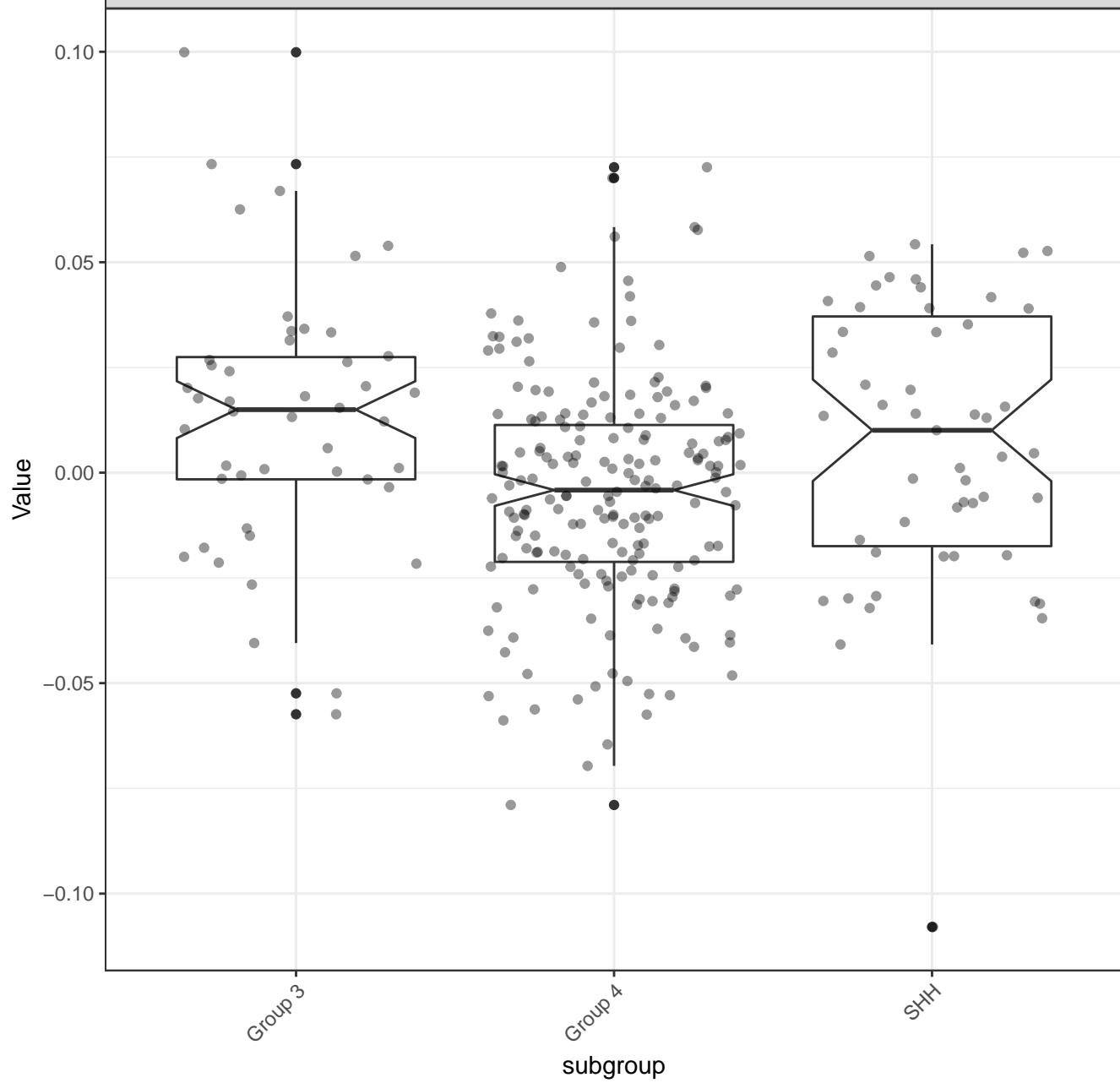
subgroup

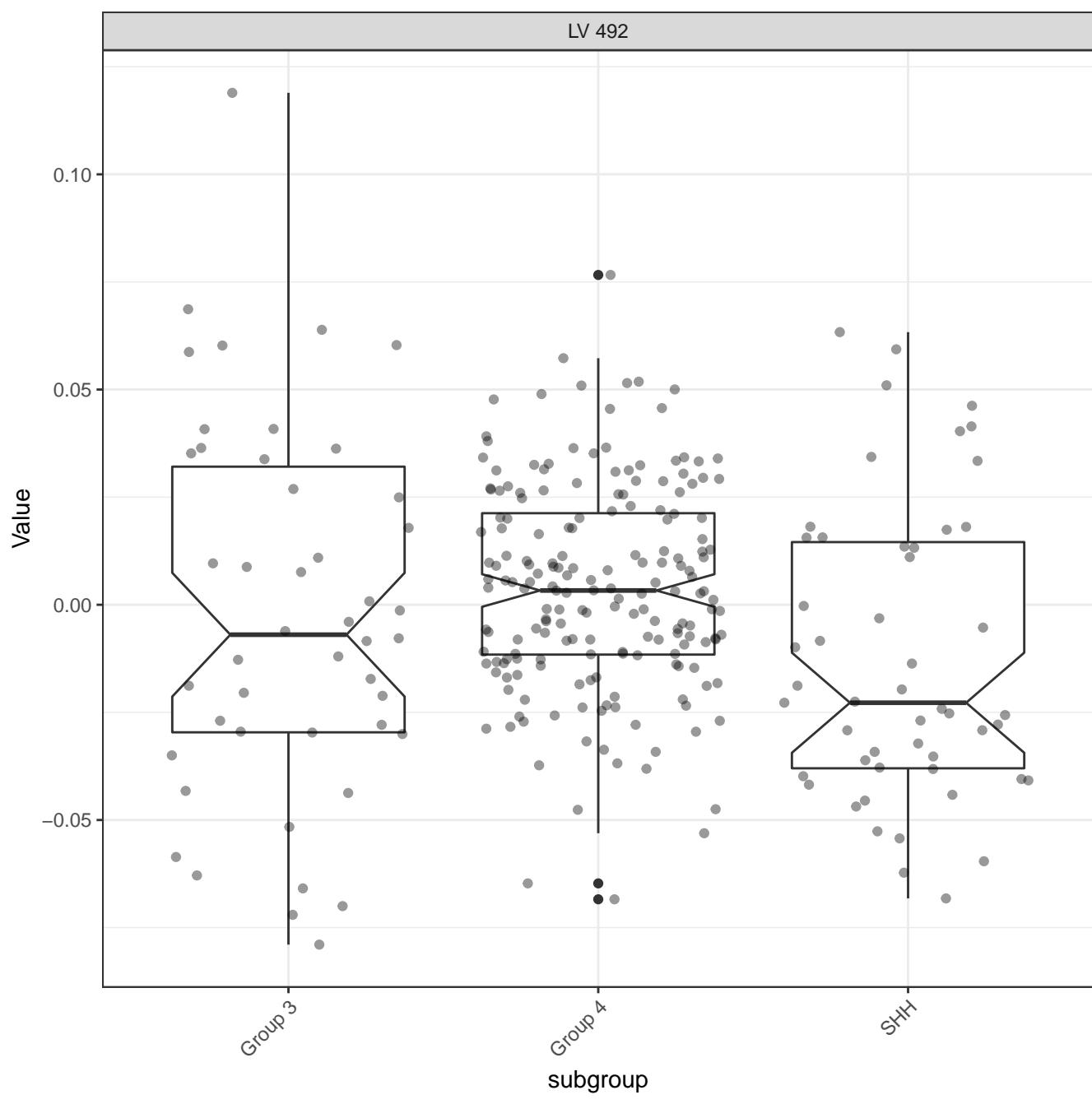


LV 490

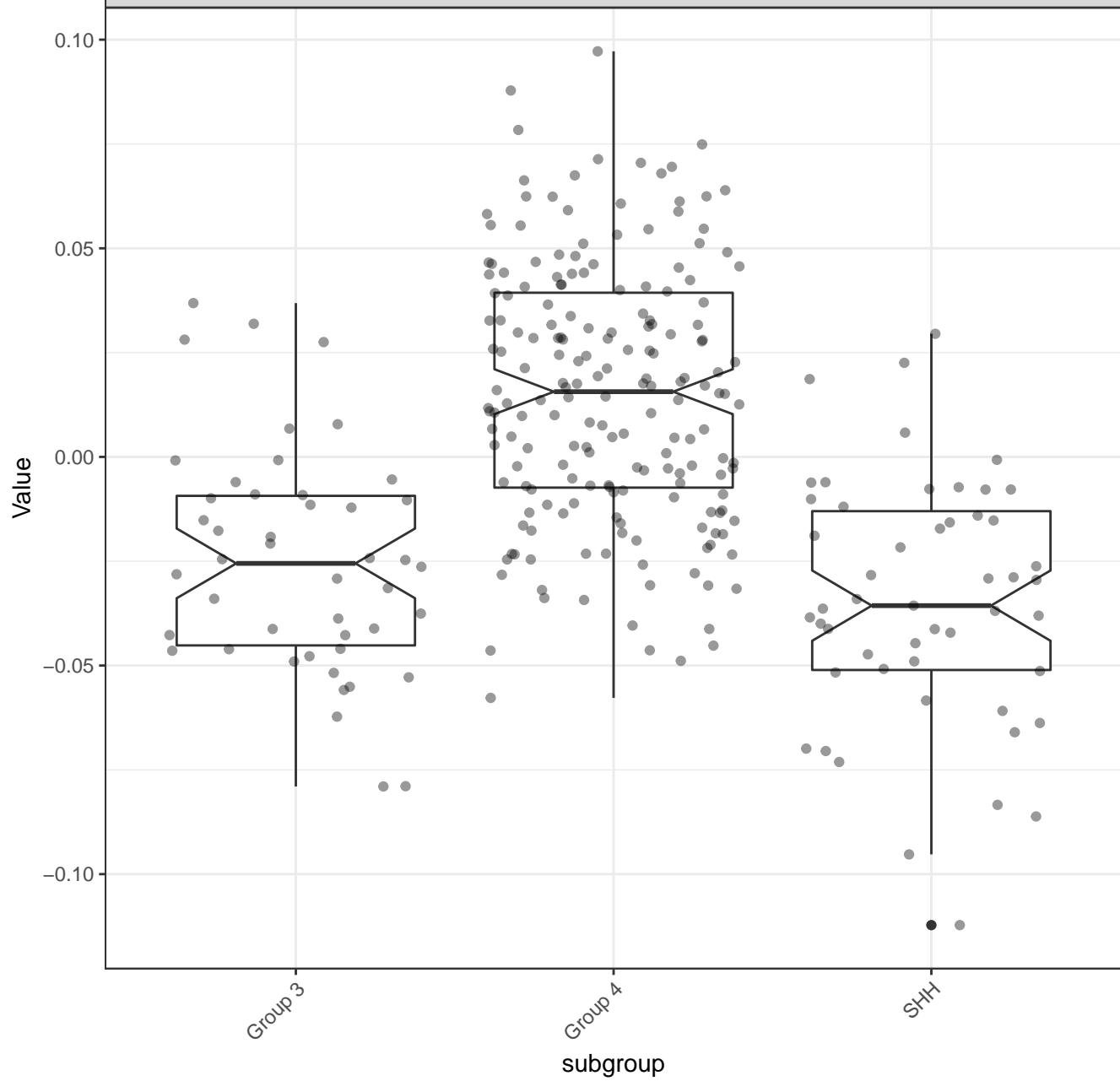


LV 491

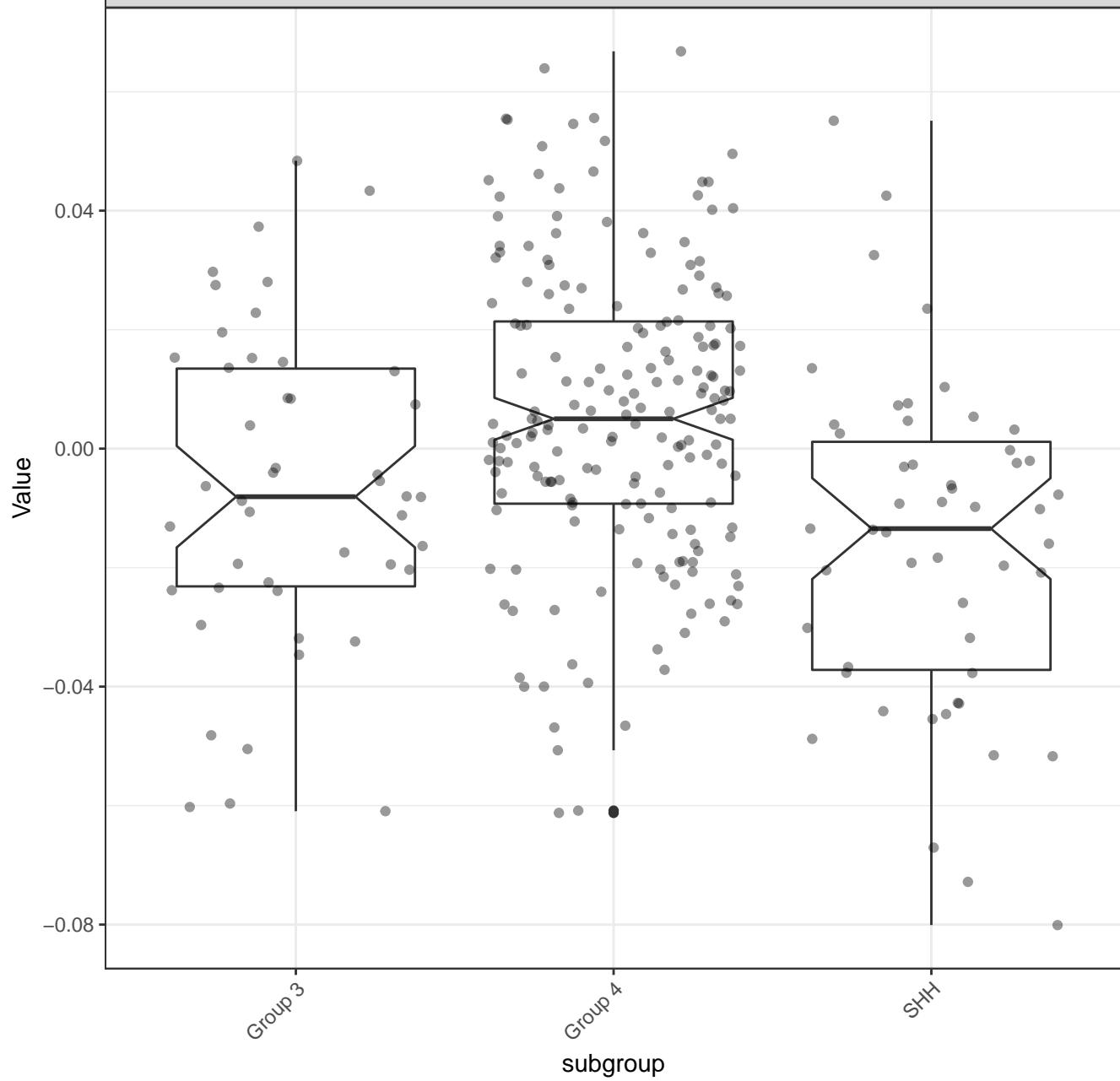




LV 493



LV 494



LV 495

Value

0.10

0.05

0.00

-0.05

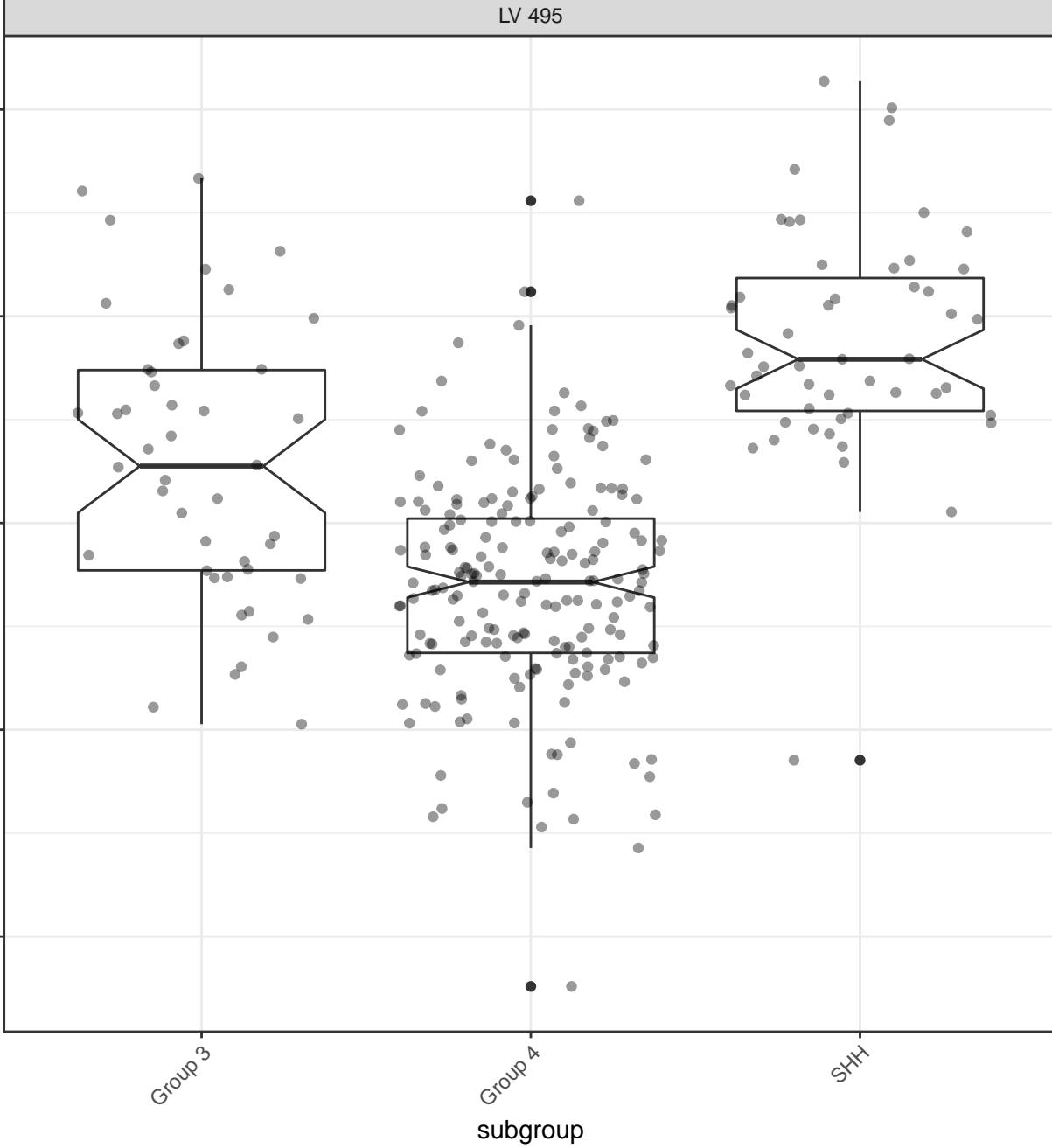
-0.10

Group 3

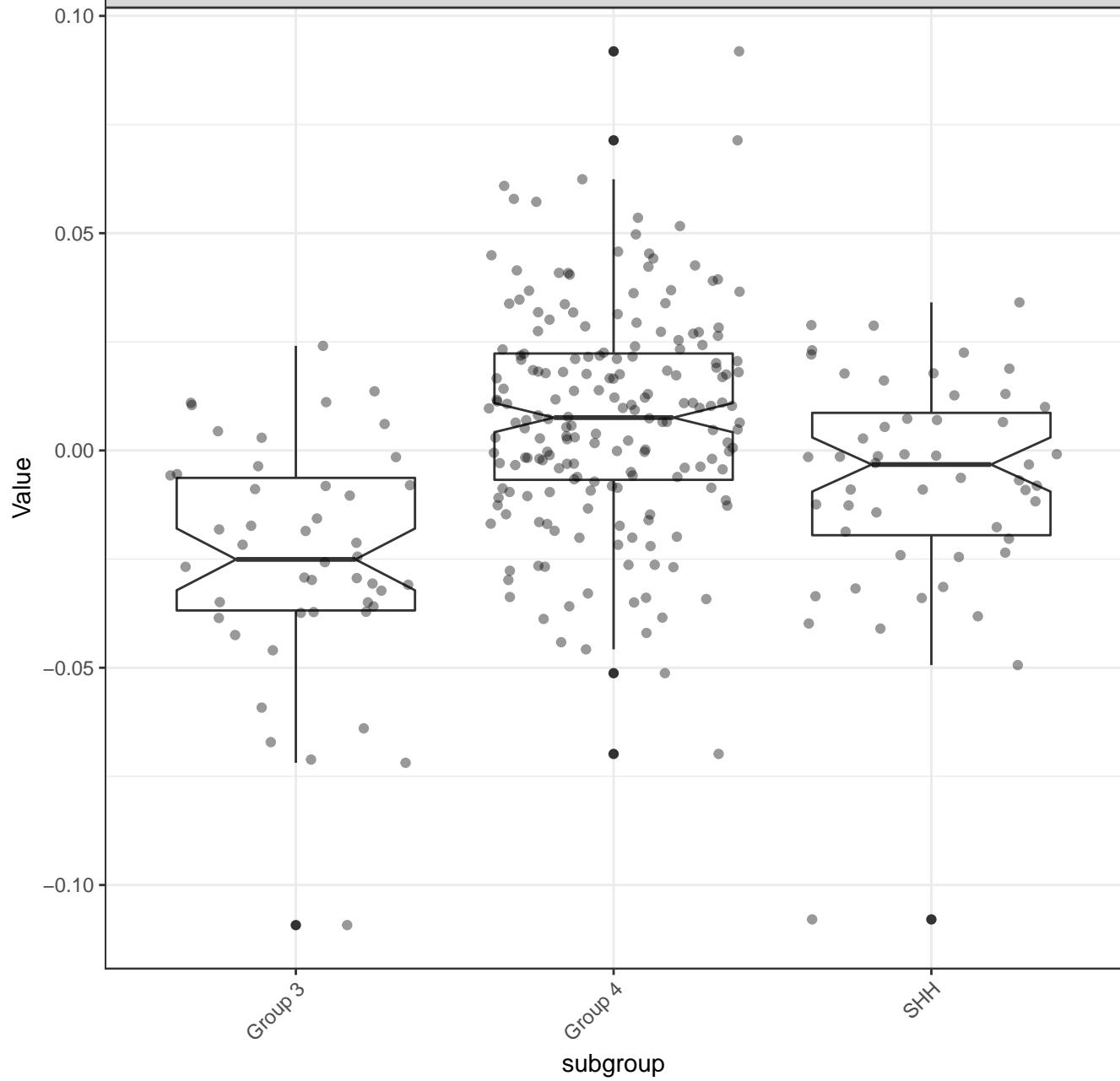
Group 4

SHH

subgroup



LV 496



LV 497

Value

0.10

0.05

0.00

-0.05

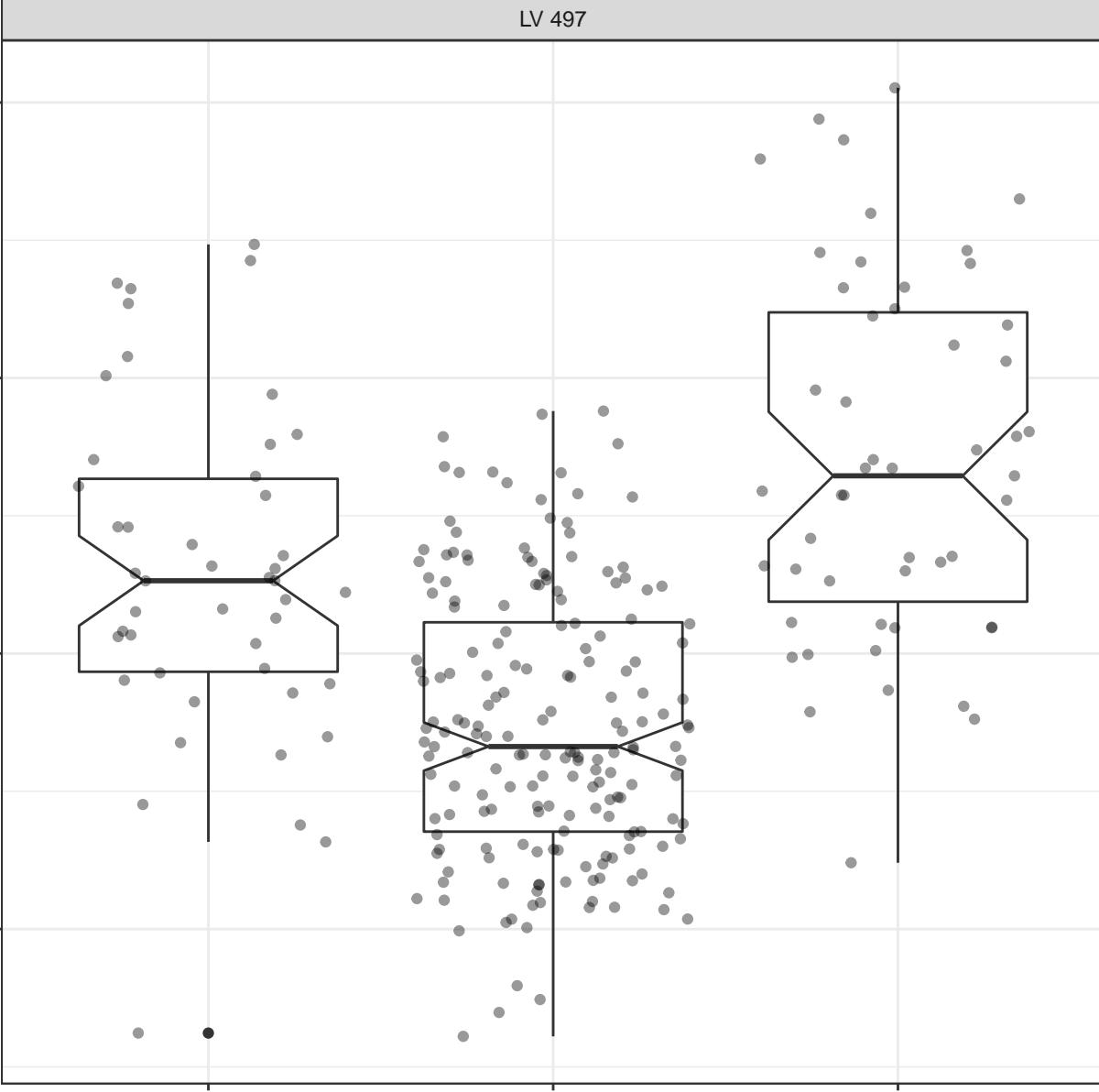
1

Group 3

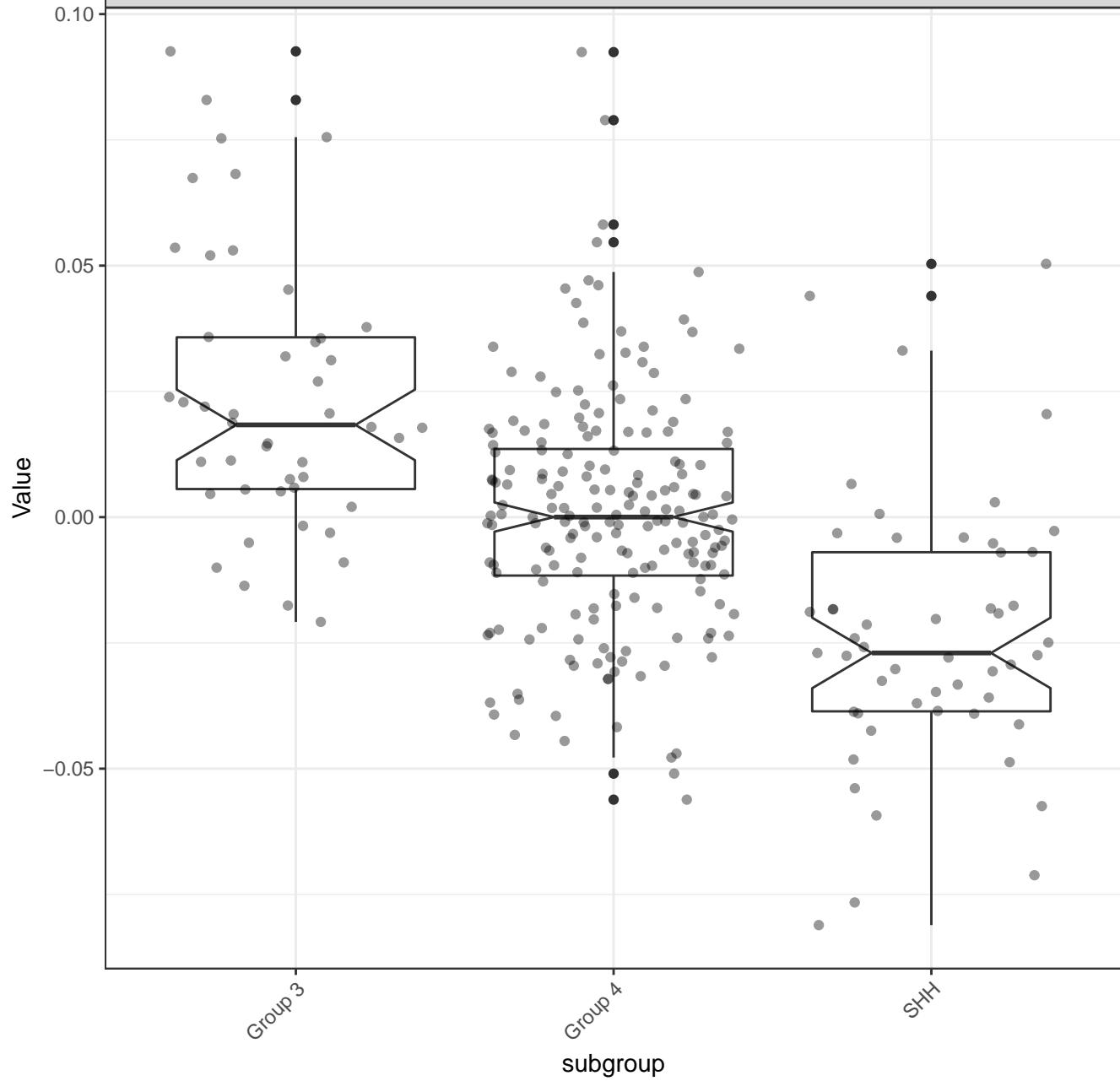
subgroup

Group 4

SHH



LV 498



LV 499

Value

0.10

0.05

0.00

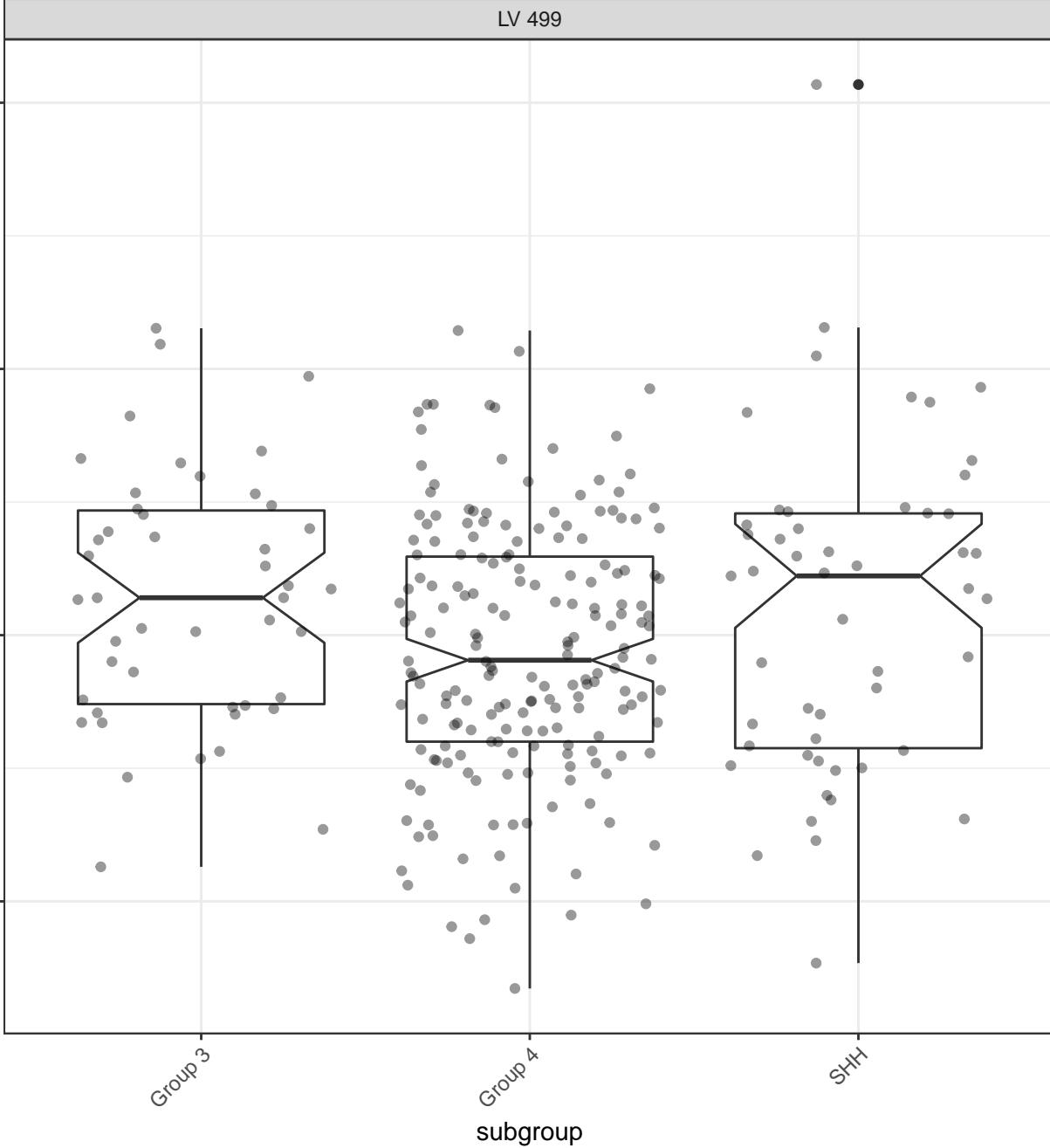
-0.05

Group 3

Group 4

SHH

subgroup



LV 500

Value

0.10

0.05

0.00

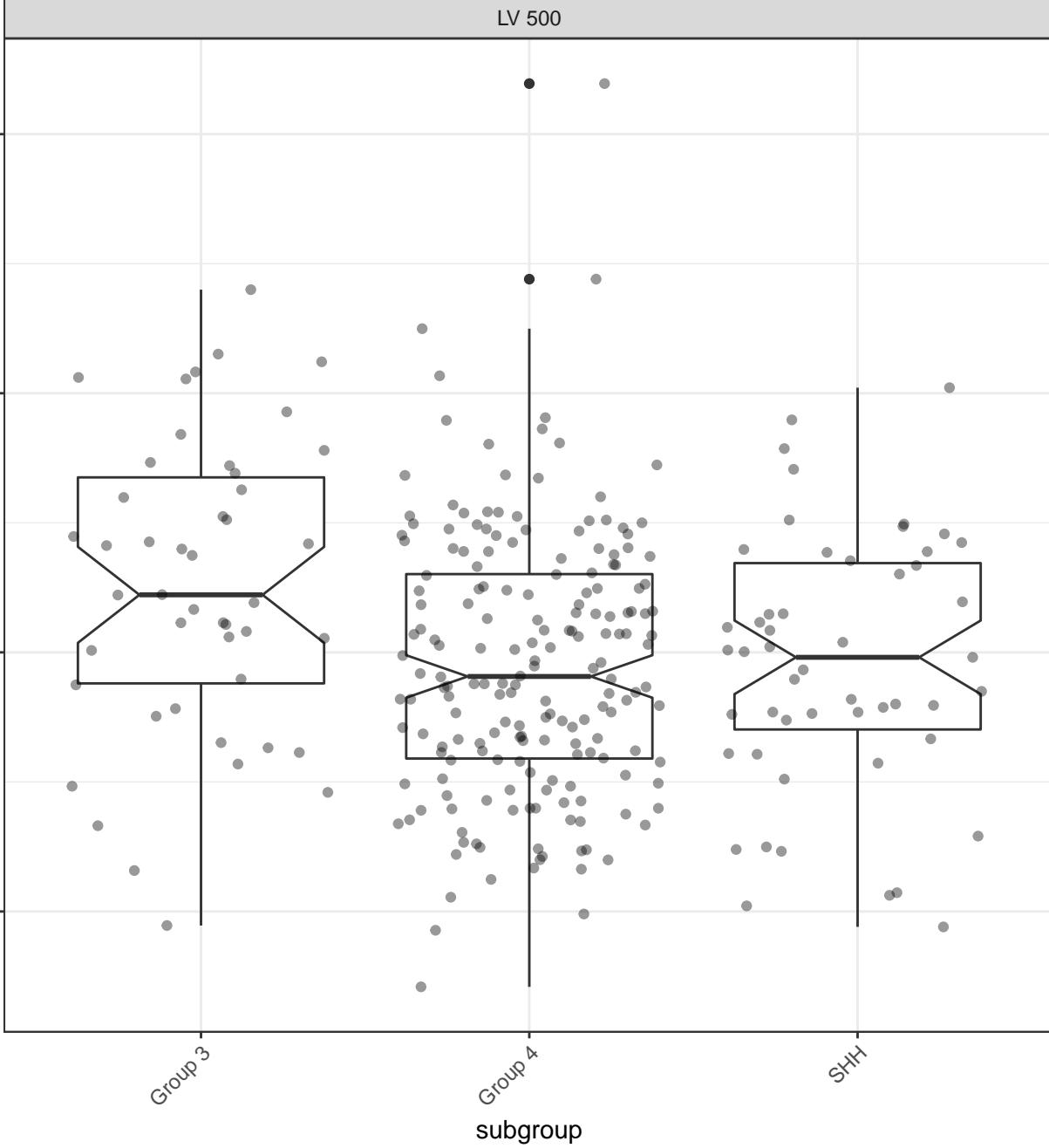
-0.05

Group 3

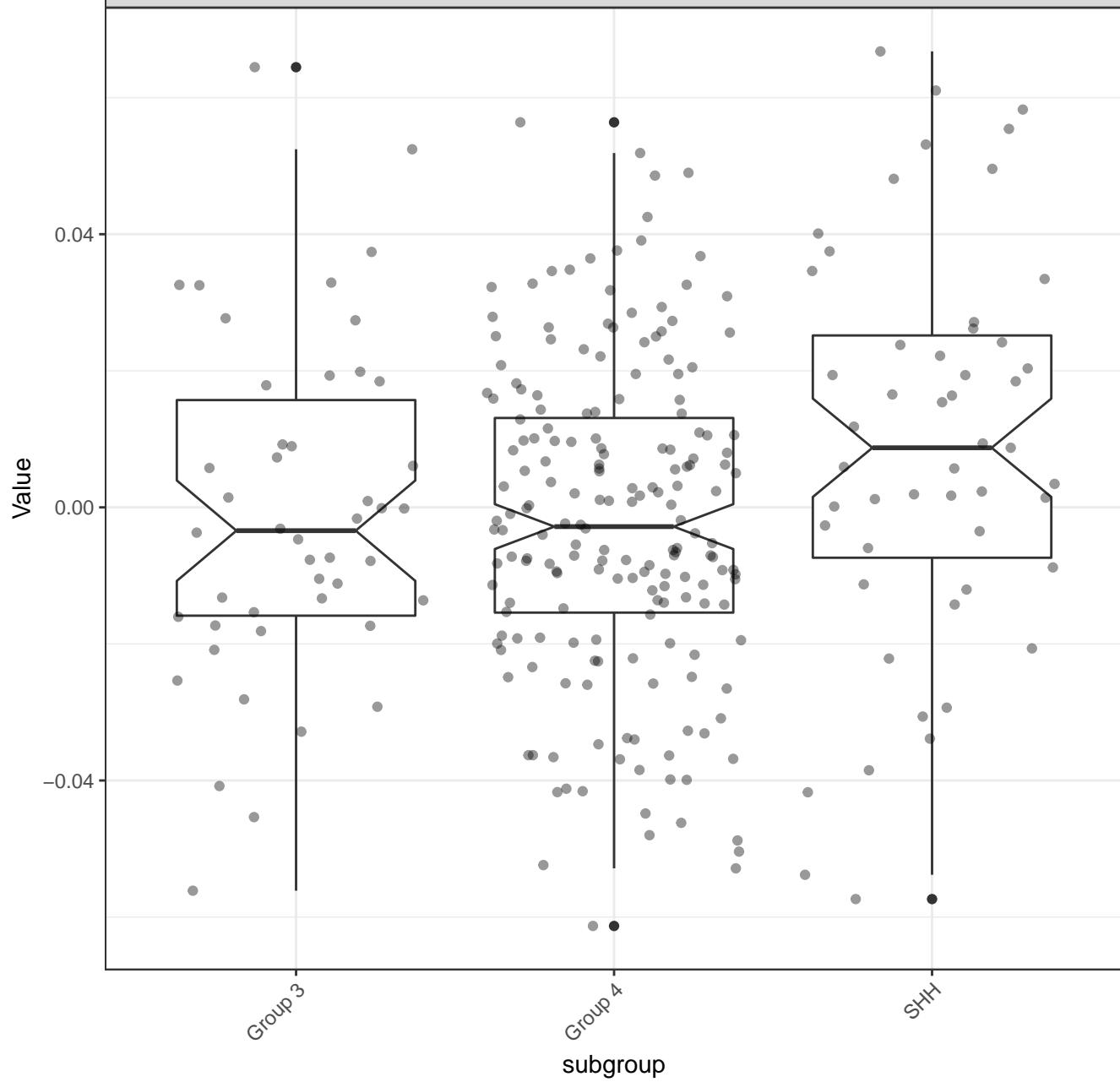
Group 4

SHH

subgroup



501,SVM NK cells activated



LV 502

Value

0.05

0.00

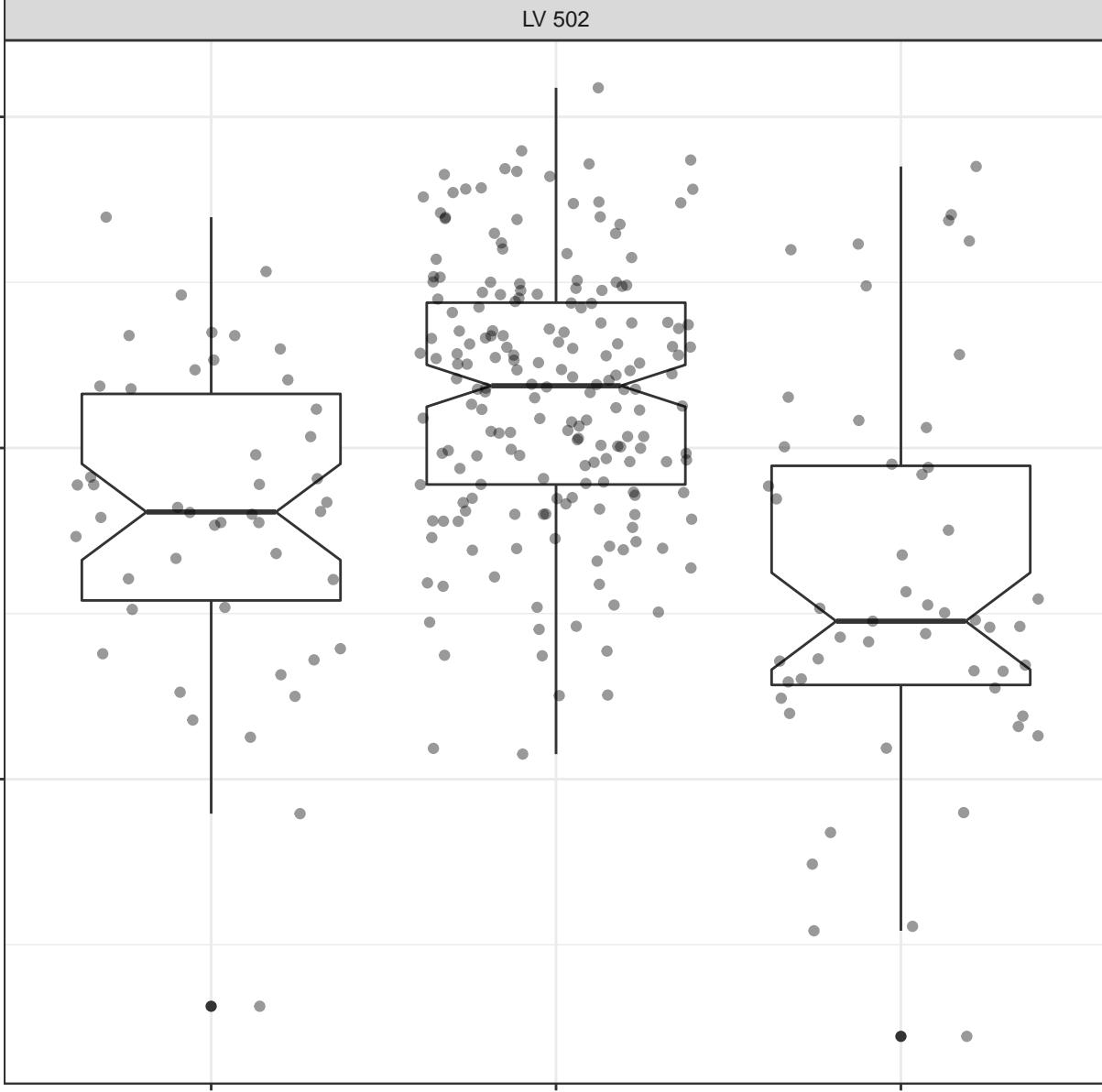
-0.05

Group 3

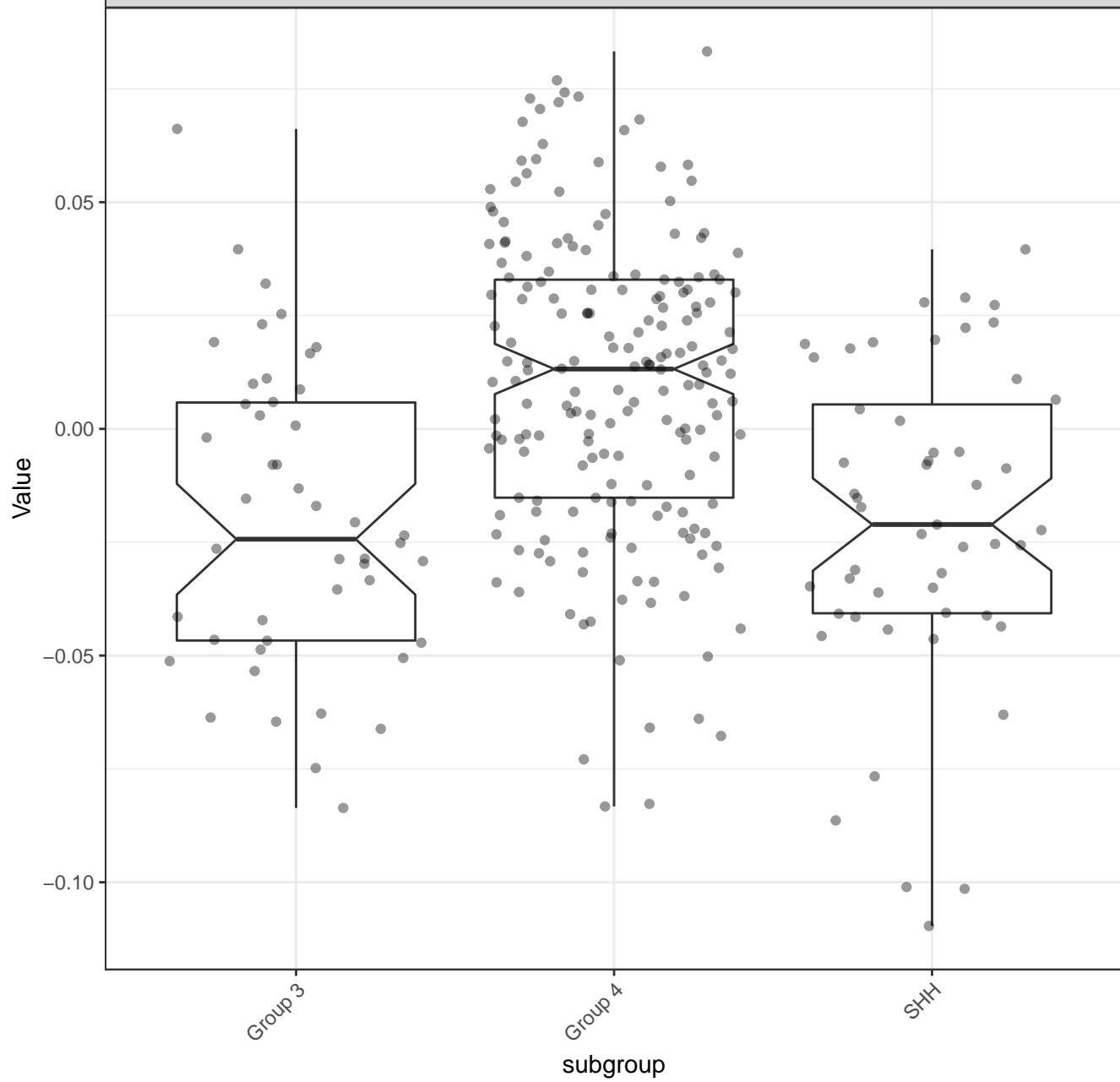
Group 4

SHH

subgroup



LV 503



LV 504

Value

0.05

0.00

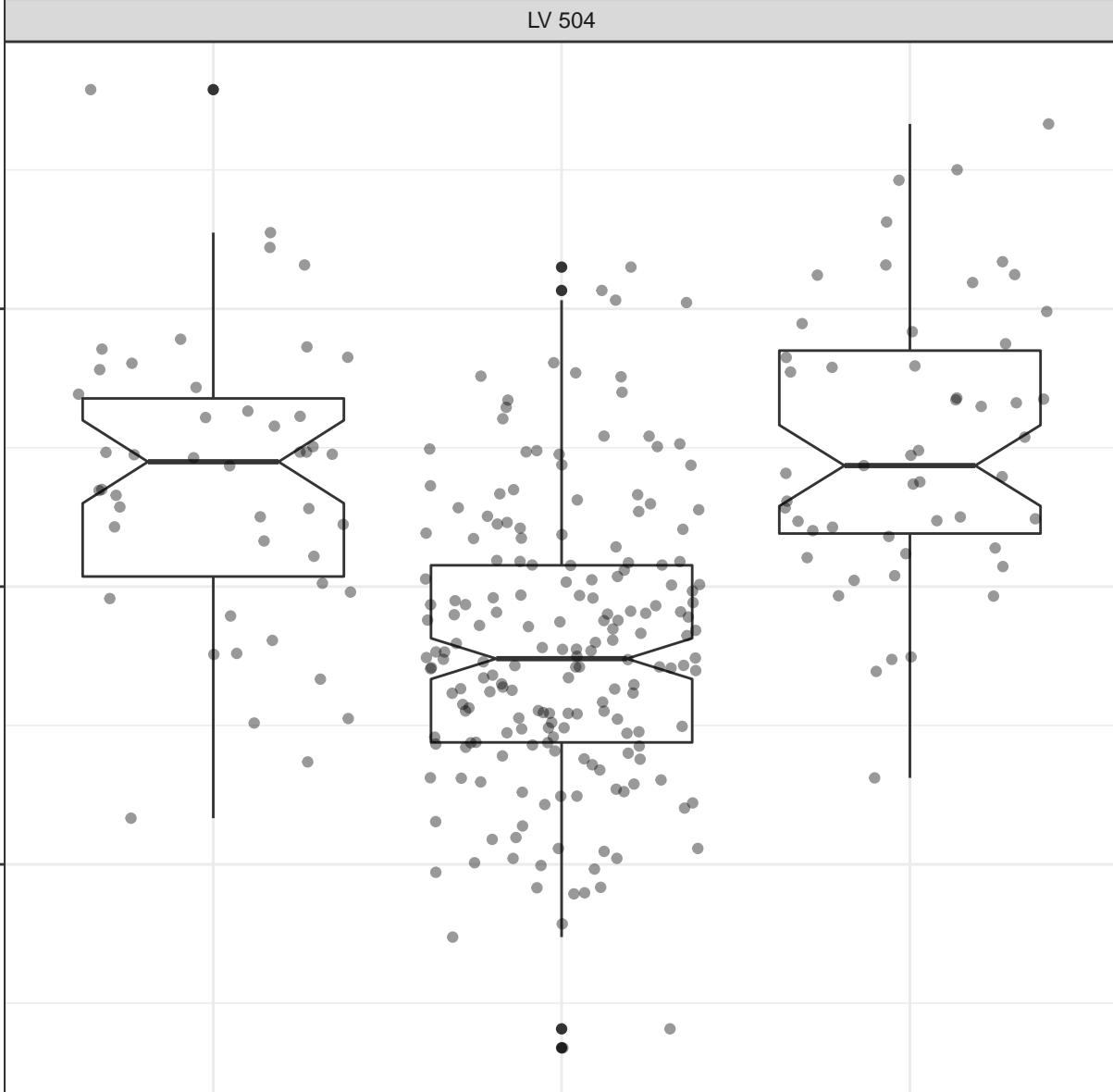
-0.05

Group 3

Group 4

SHH

subgroup



LV 505

Value

0.10

0.05

0.00

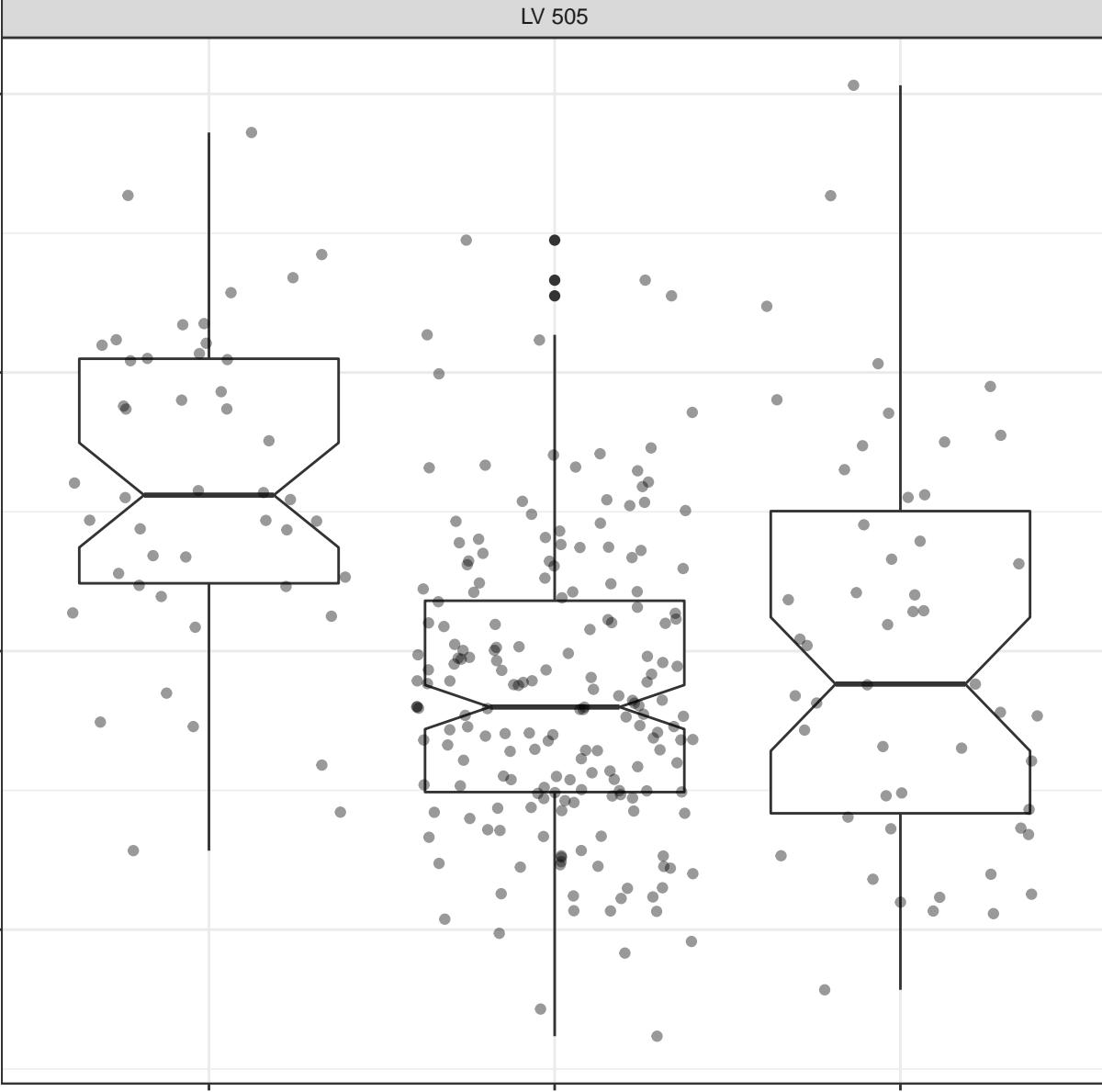
-0.05

Group 3

subgroup

Group 4

SHH



LV 506

Value

0.10

0.05

0.00

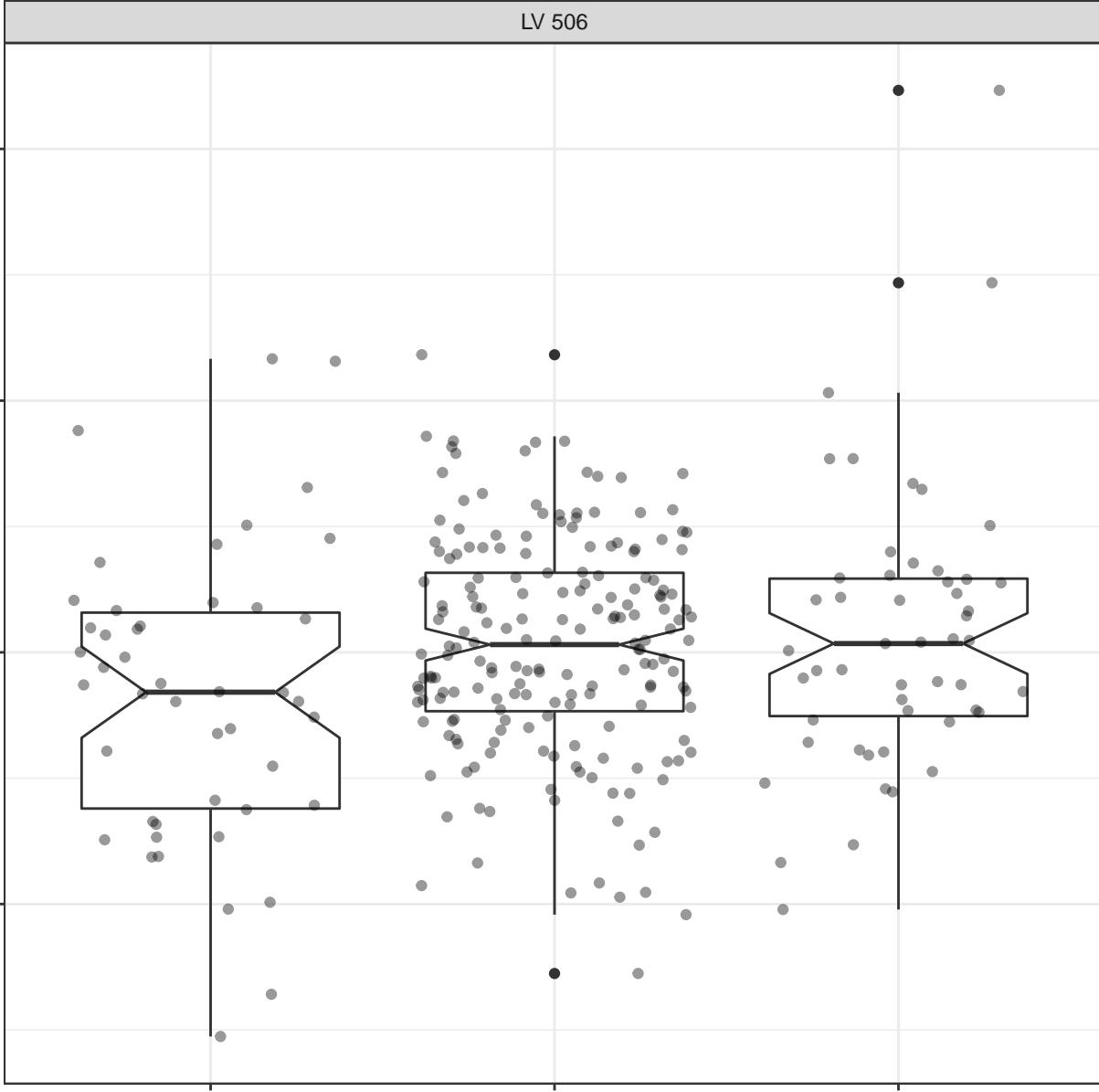
-0.05

Group 3

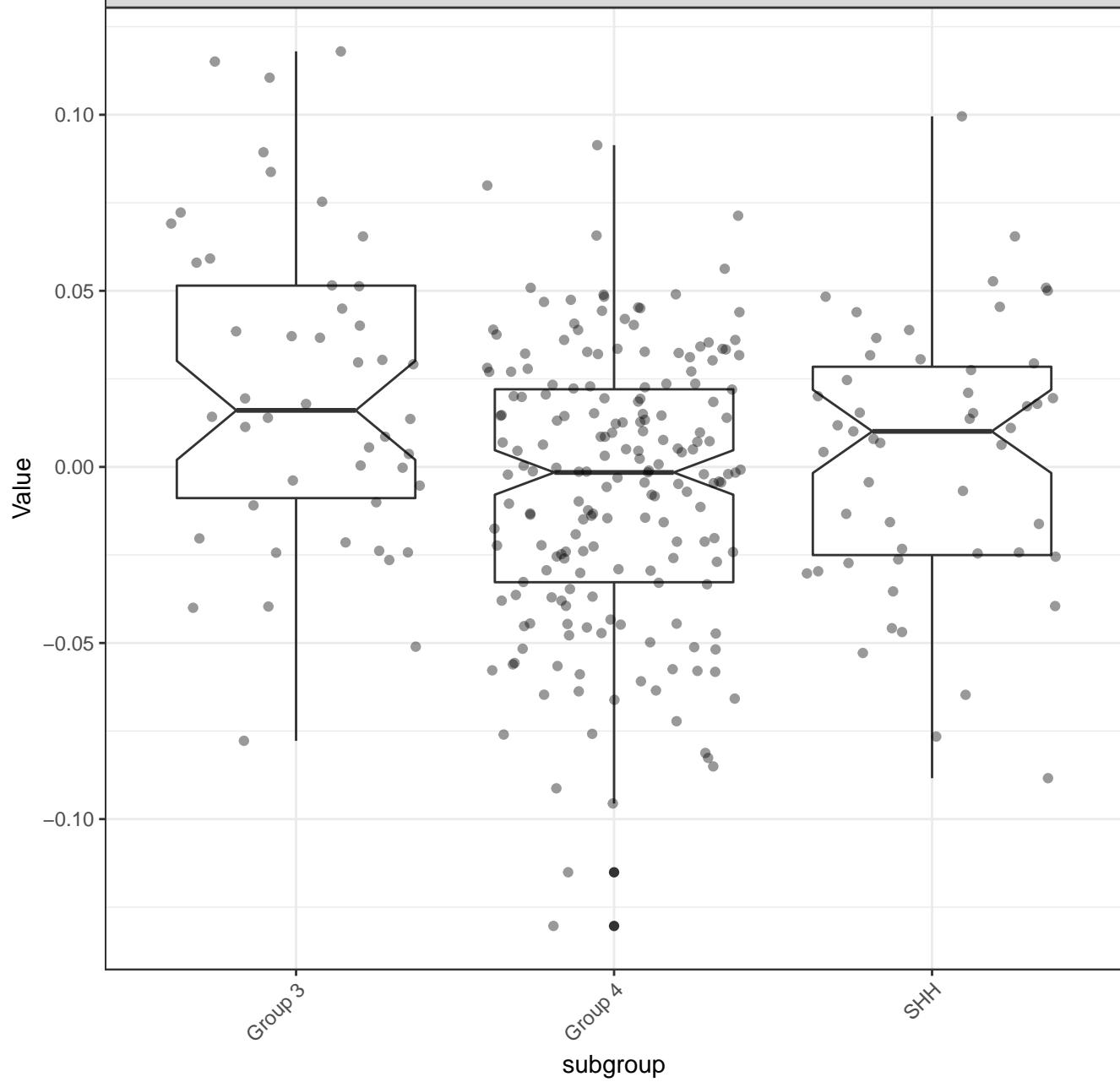
subgroup

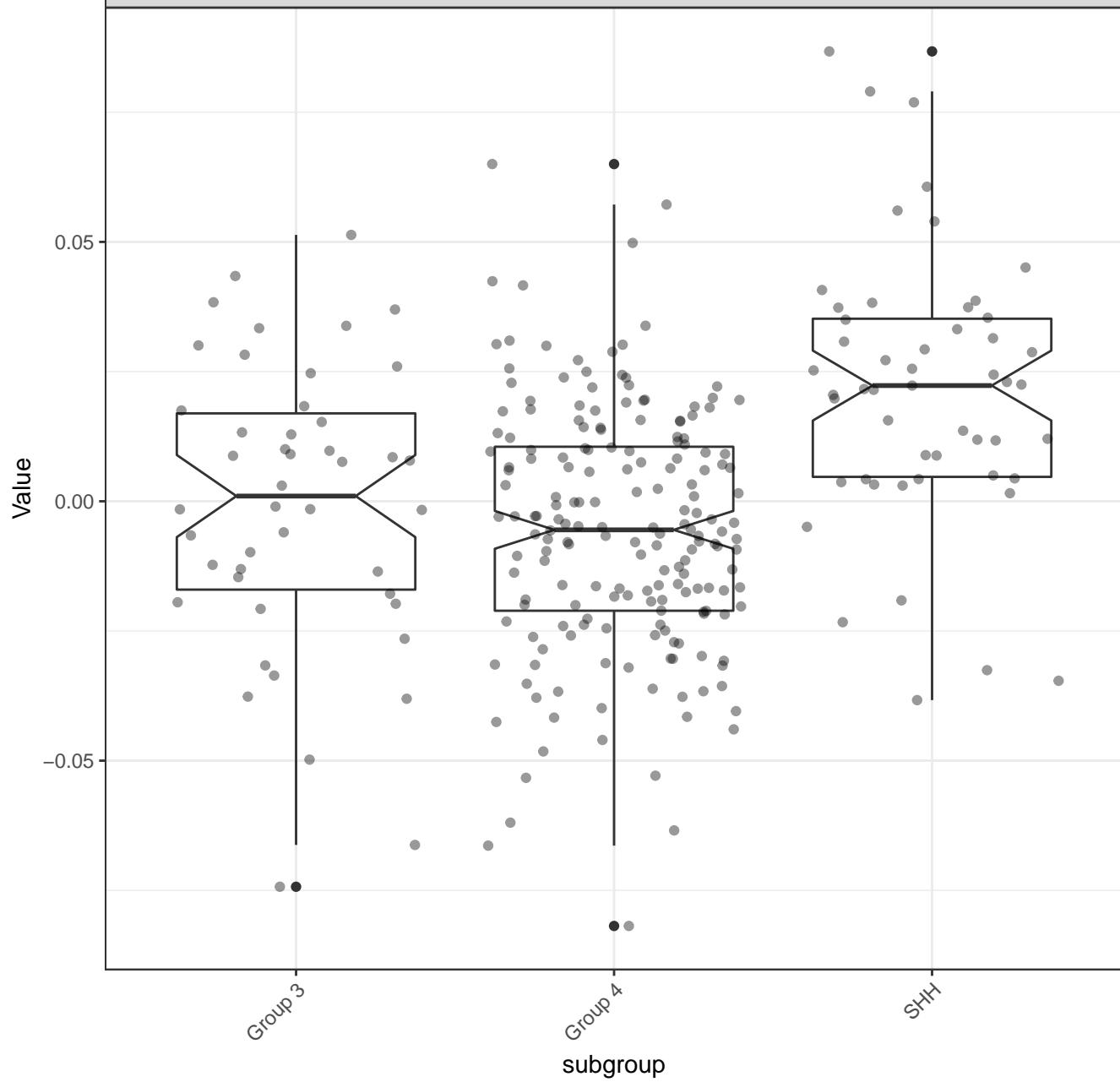
Group 4

SHH



LV 507





LV 509

Value

0.1

0.0

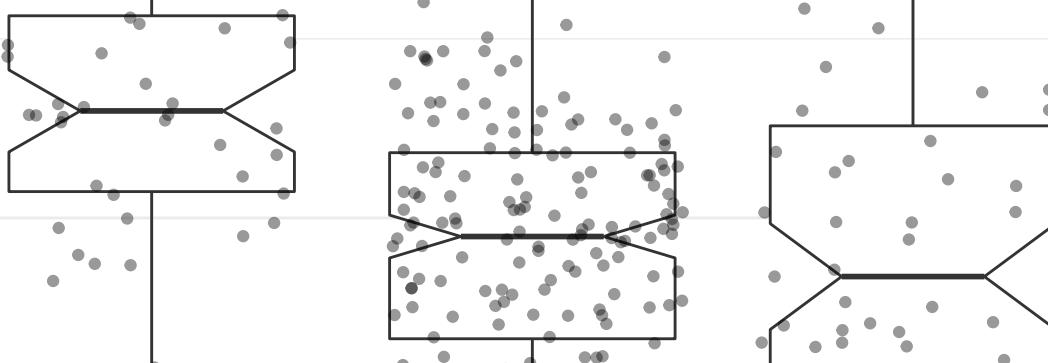
-0.1

Group³

Group⁴

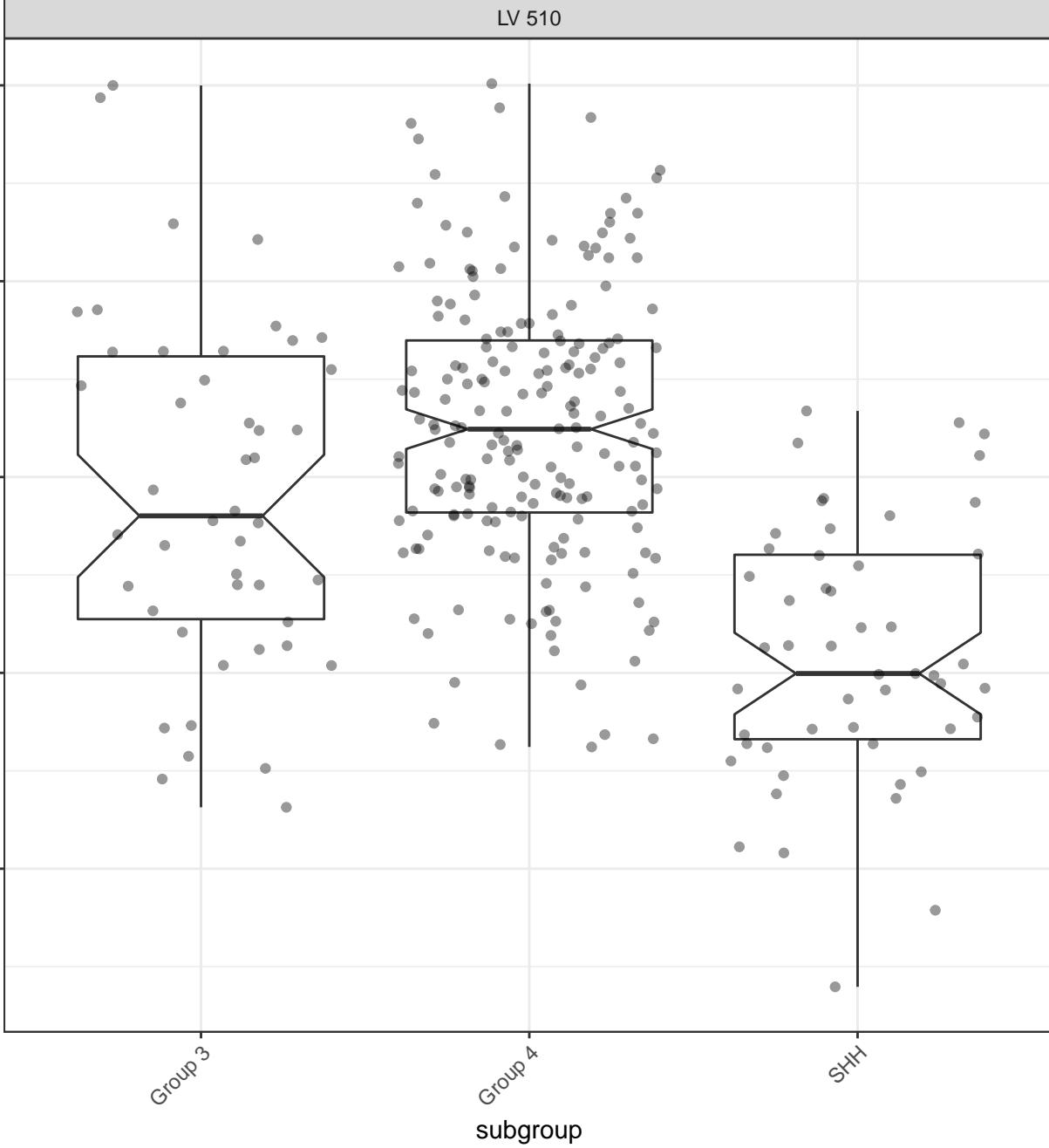
SHH

subgroup

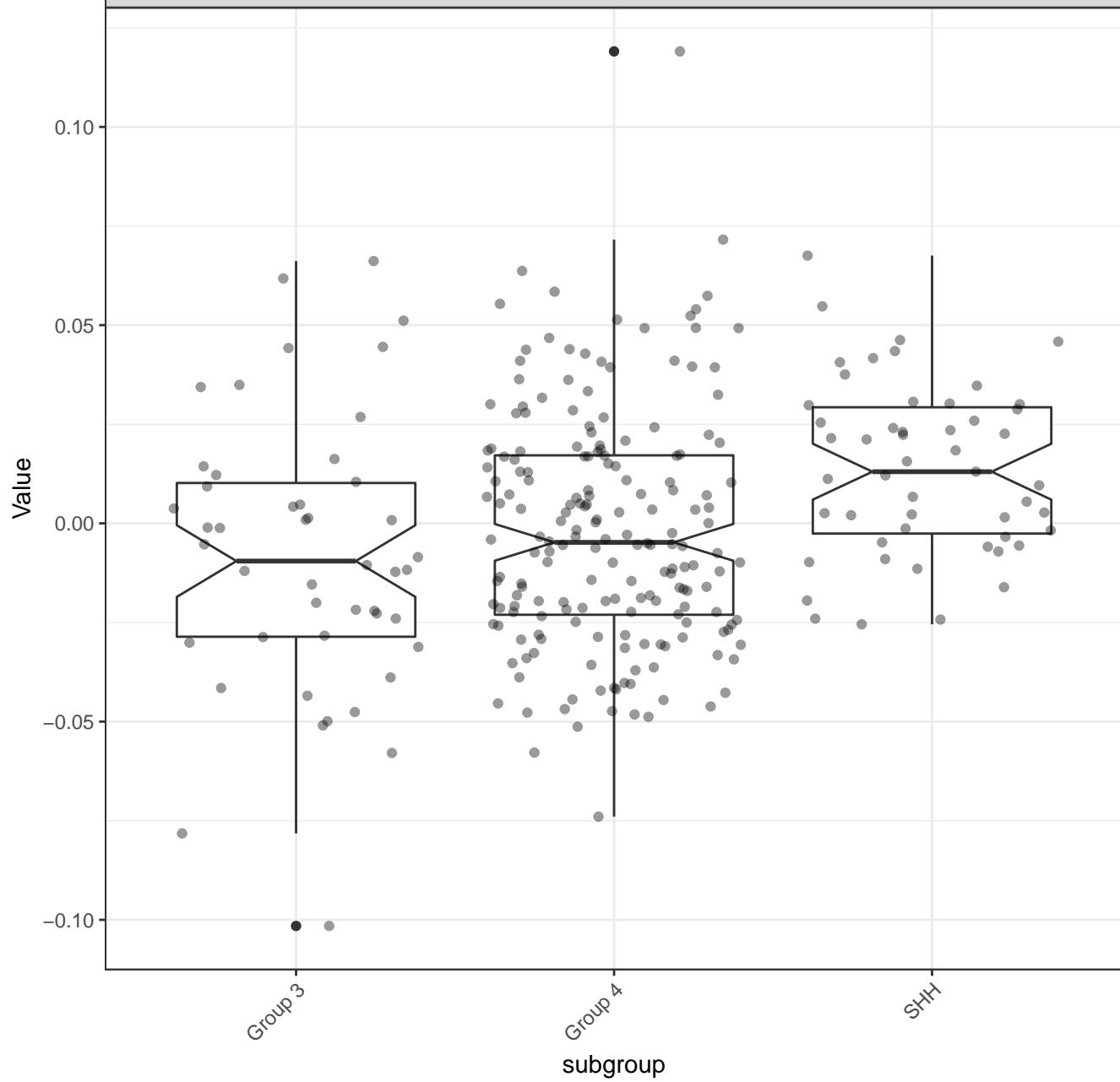


LV 510

Value

0.10
0.05
0.00
-0.05
-0.10

LV 511



LV 512

Value

0.05

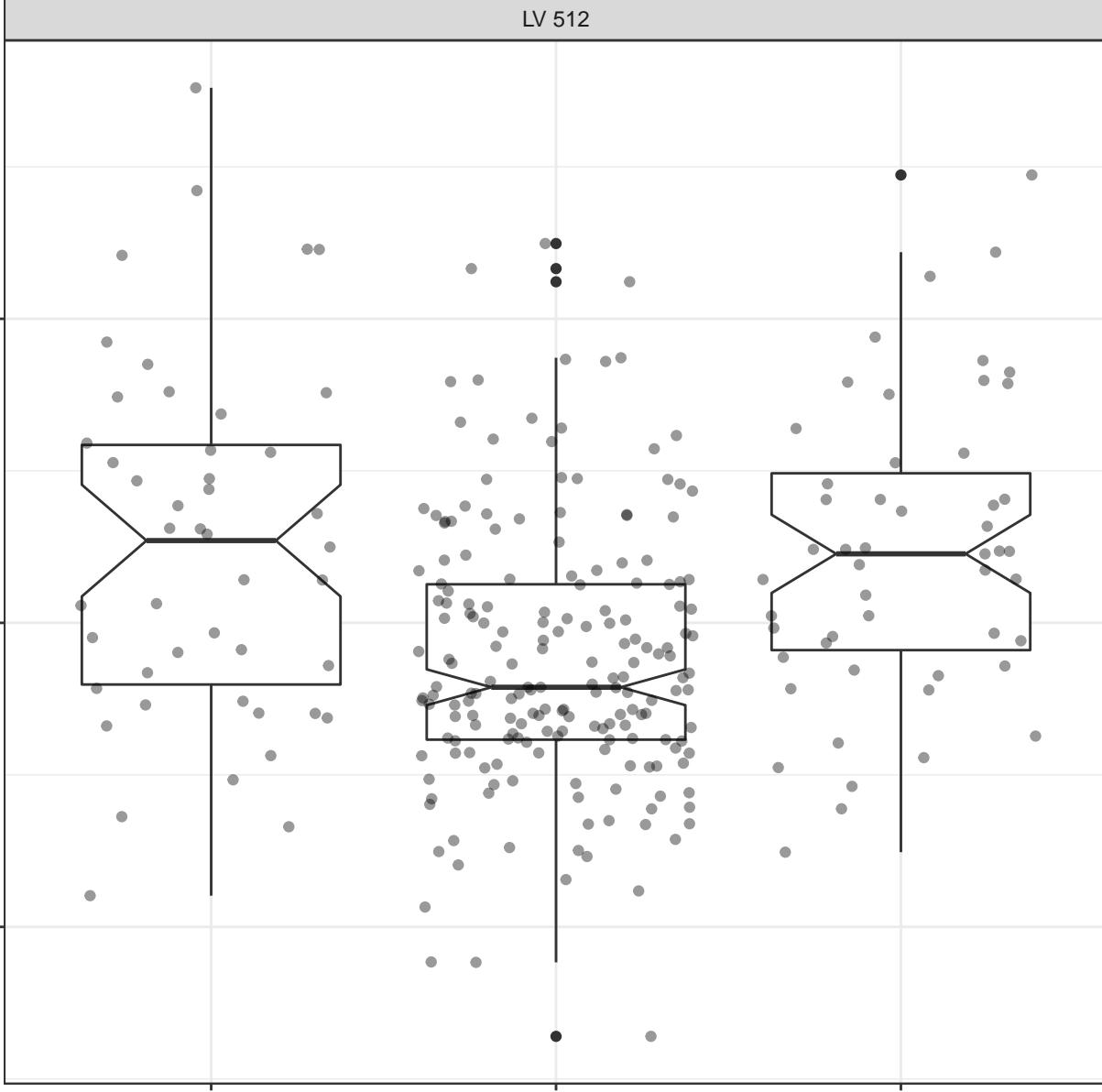
0.00

-0.05

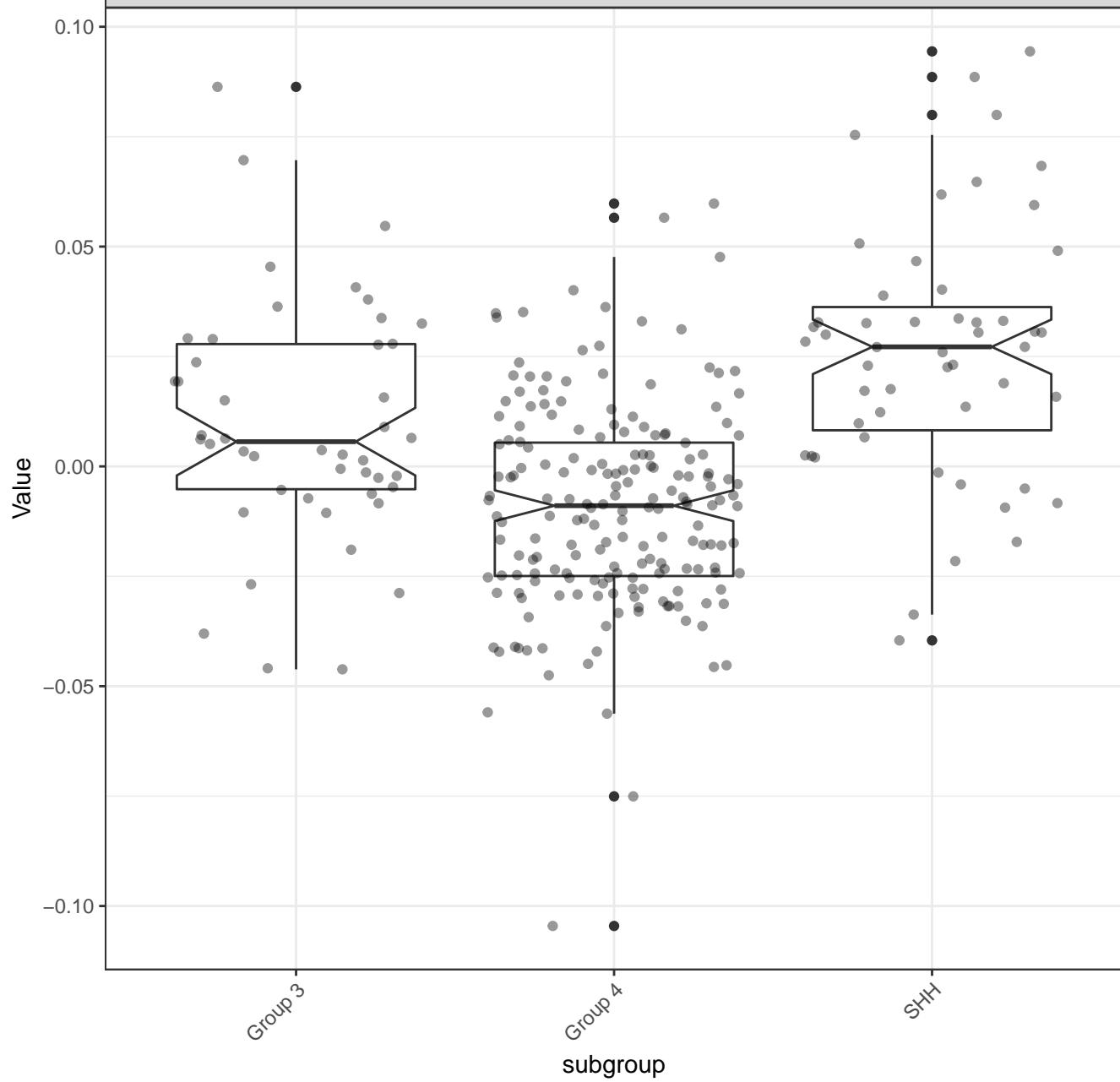
Group 3

subgroup

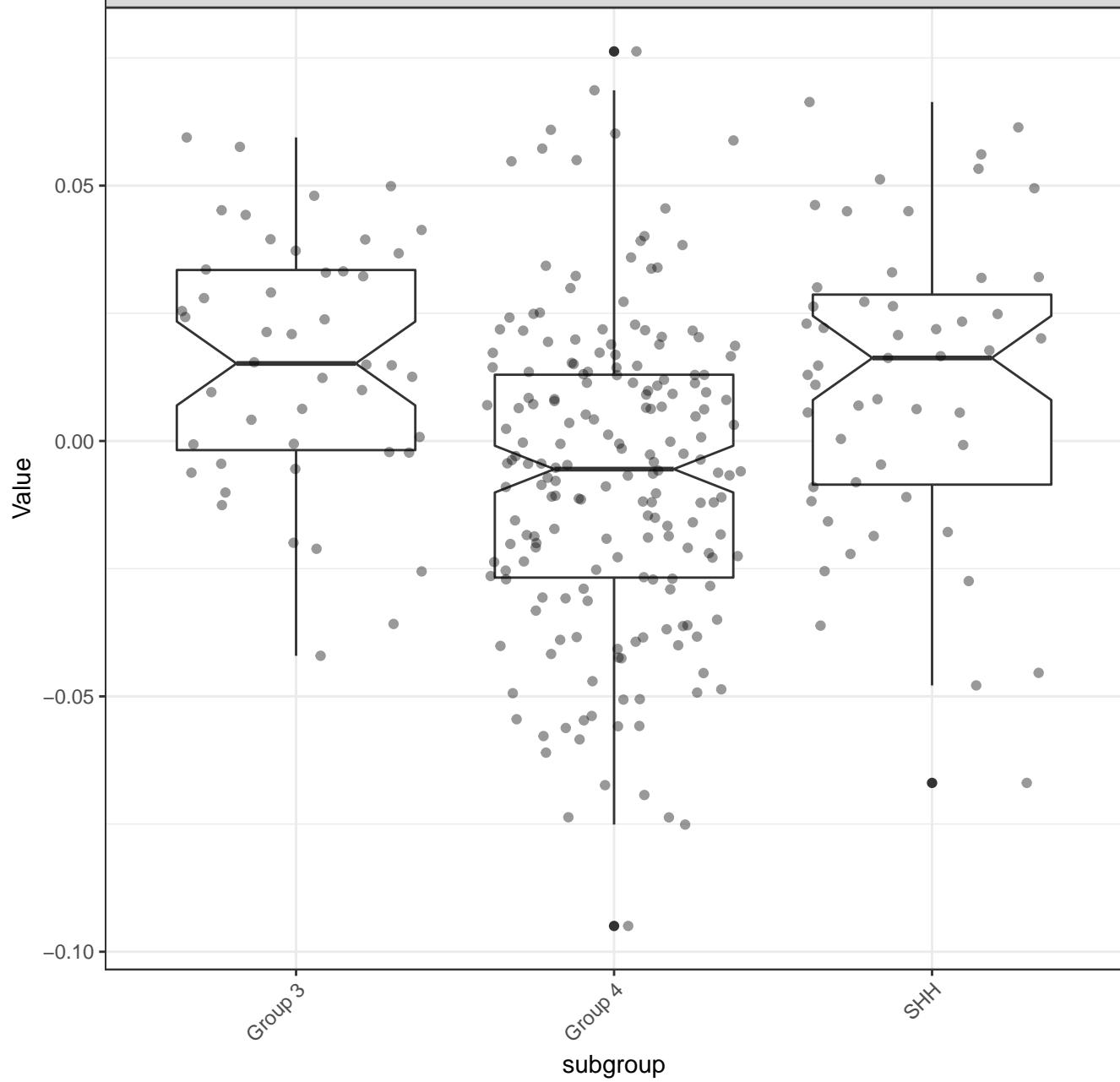
SHH



LV 513



LV 514



LV 515

Value

0.10

0.05

0.00

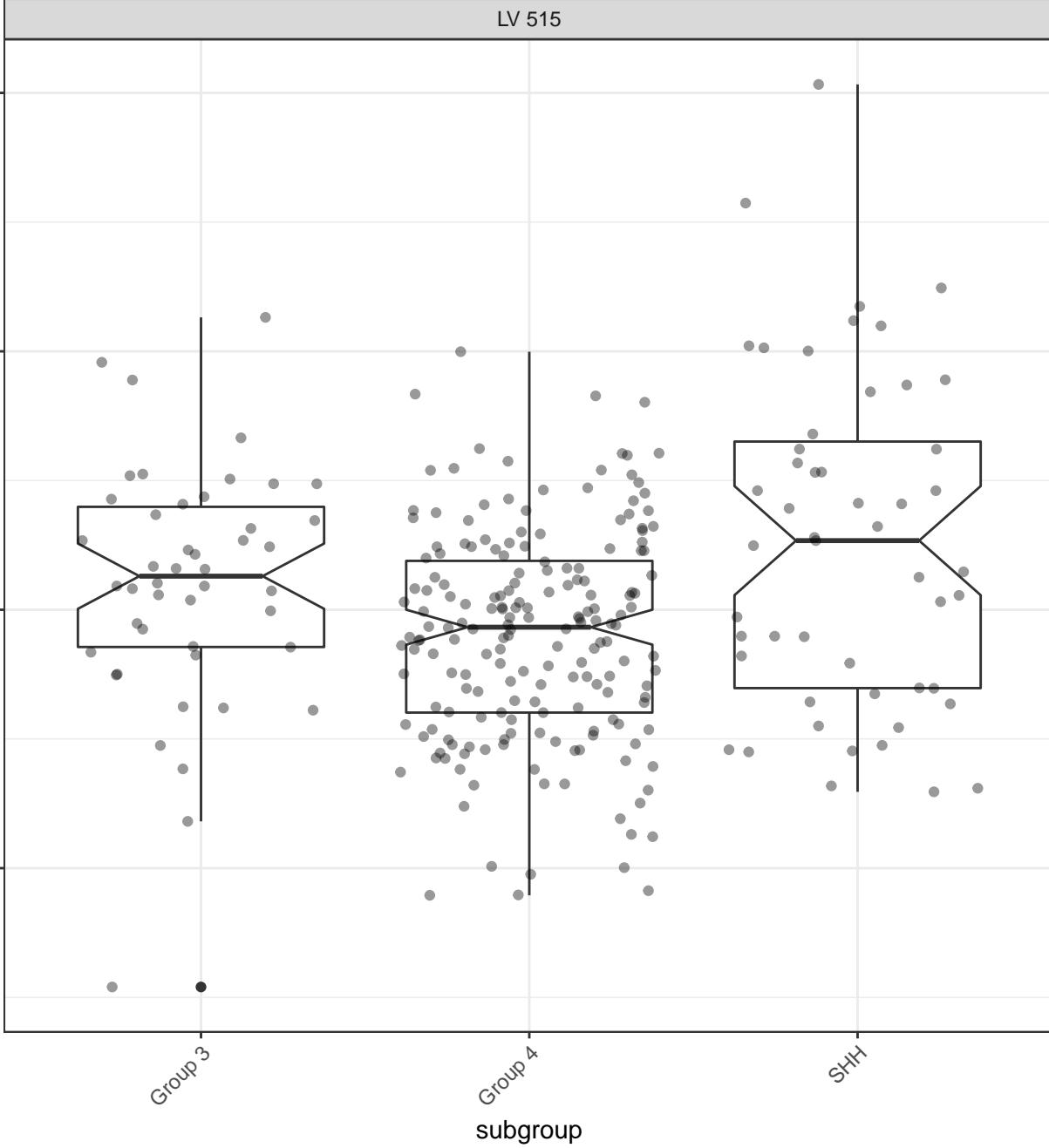
-0.05

Group 3

Group 4

SHH

subgroup



516,PID_TCR_PATHWAY

Value

0.2

0.1

0.0

-0.1

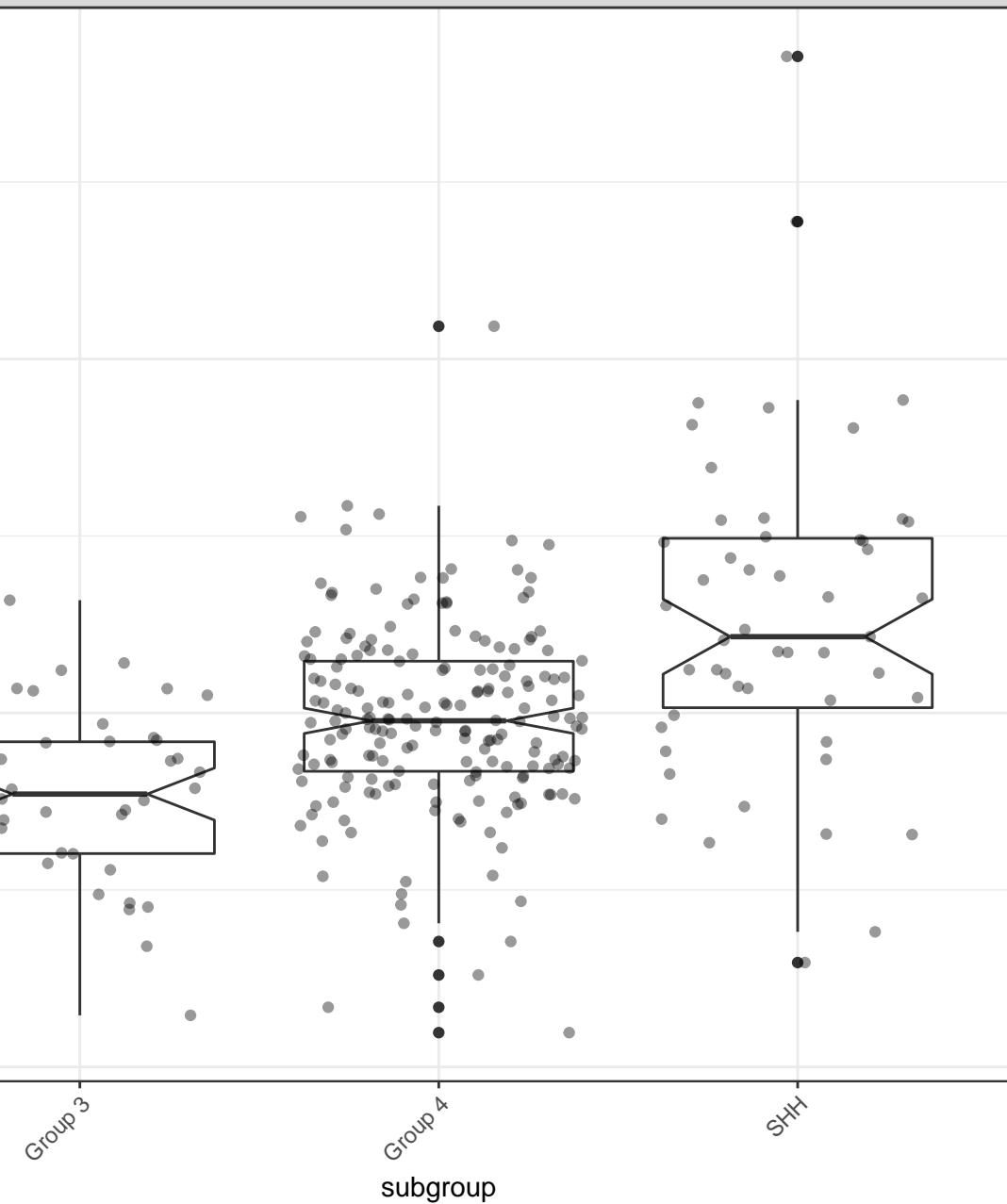
-0.2

Group 3

Group 4

SHH

subgroup



517,REACTOME_SIGNALING_BY_EGFR_IN_CANCER

Value

0.10

0.05

0.00

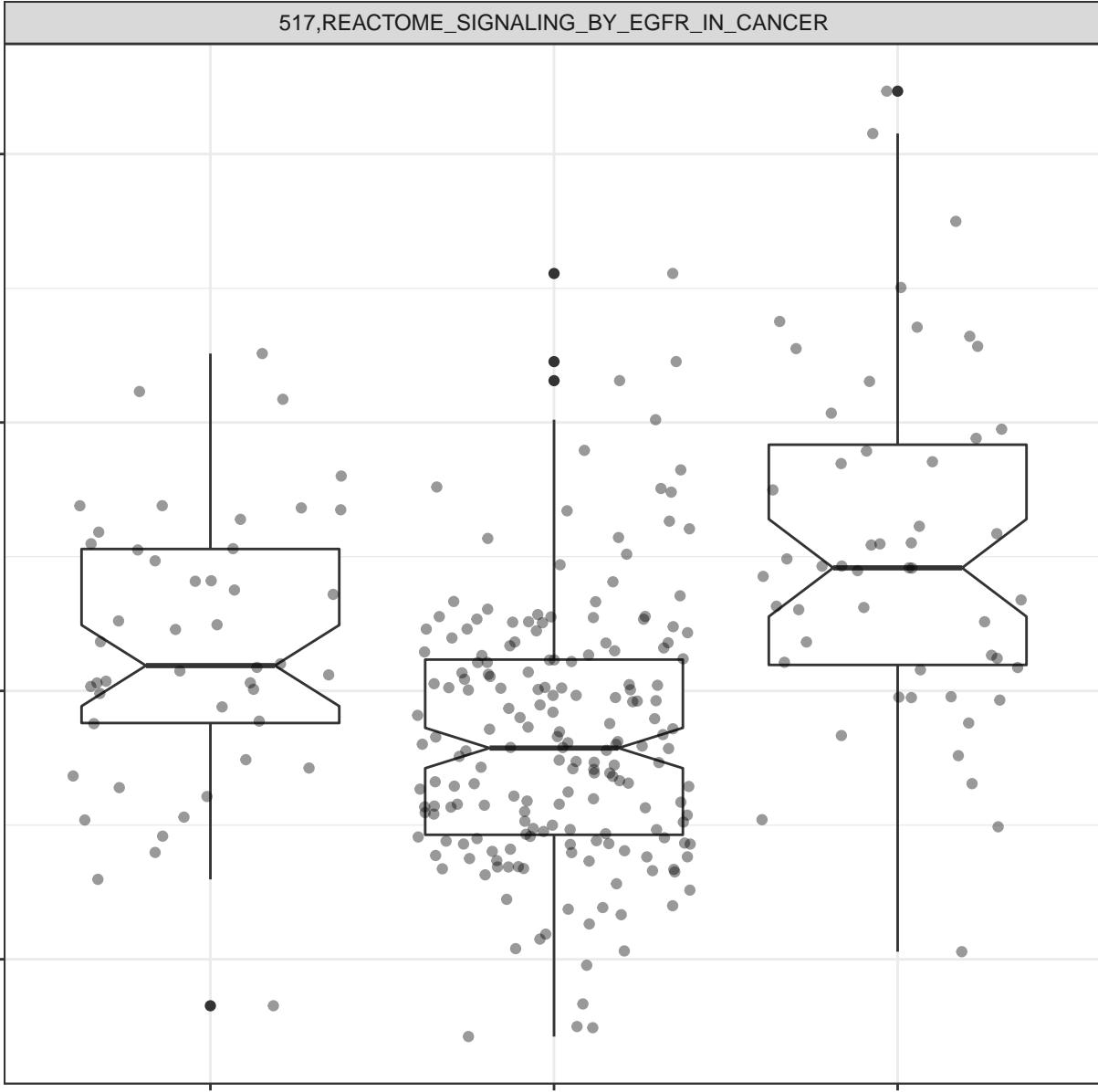
-0.05

Group 3

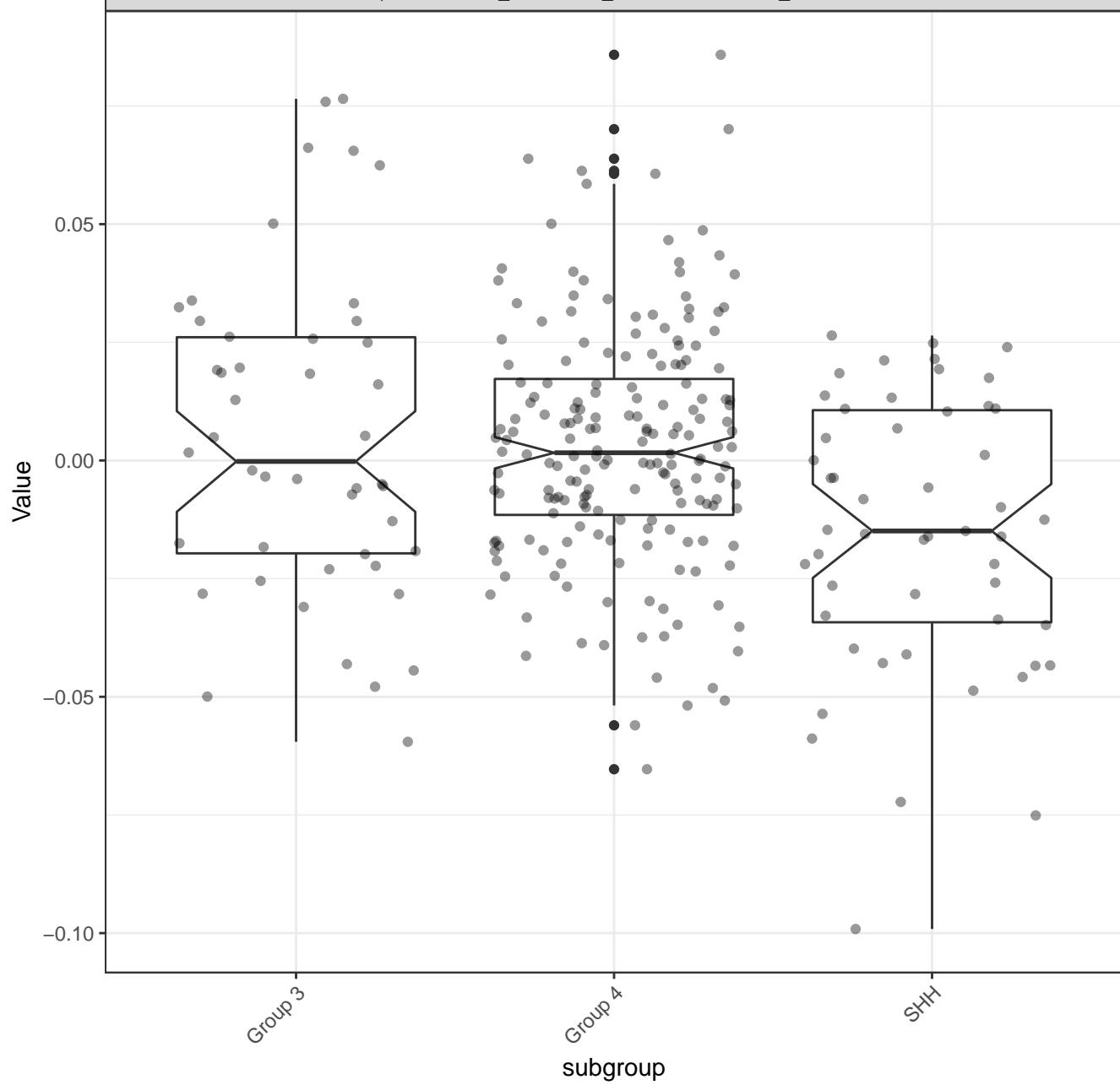
Group 4

SHH

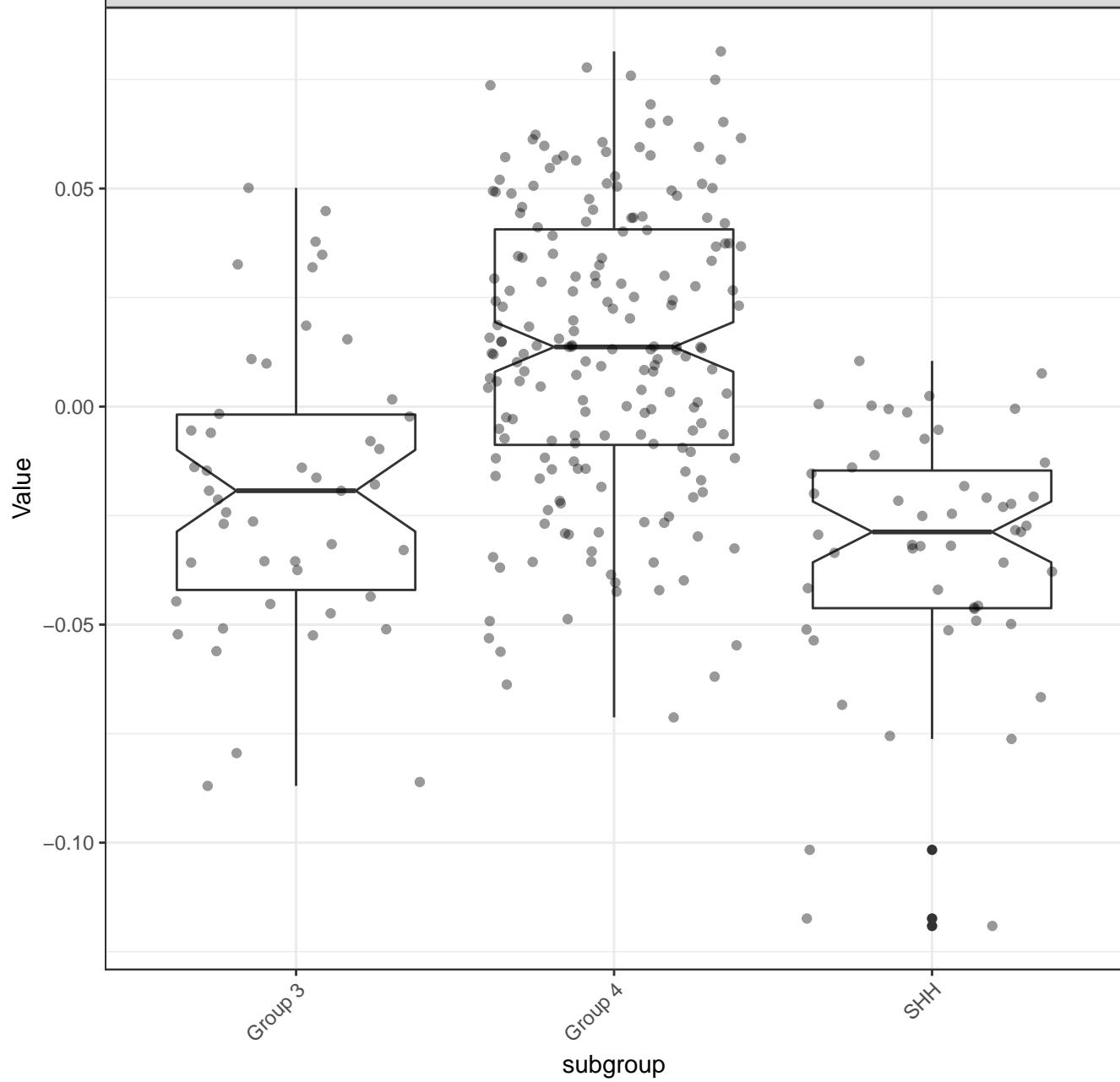
subgroup



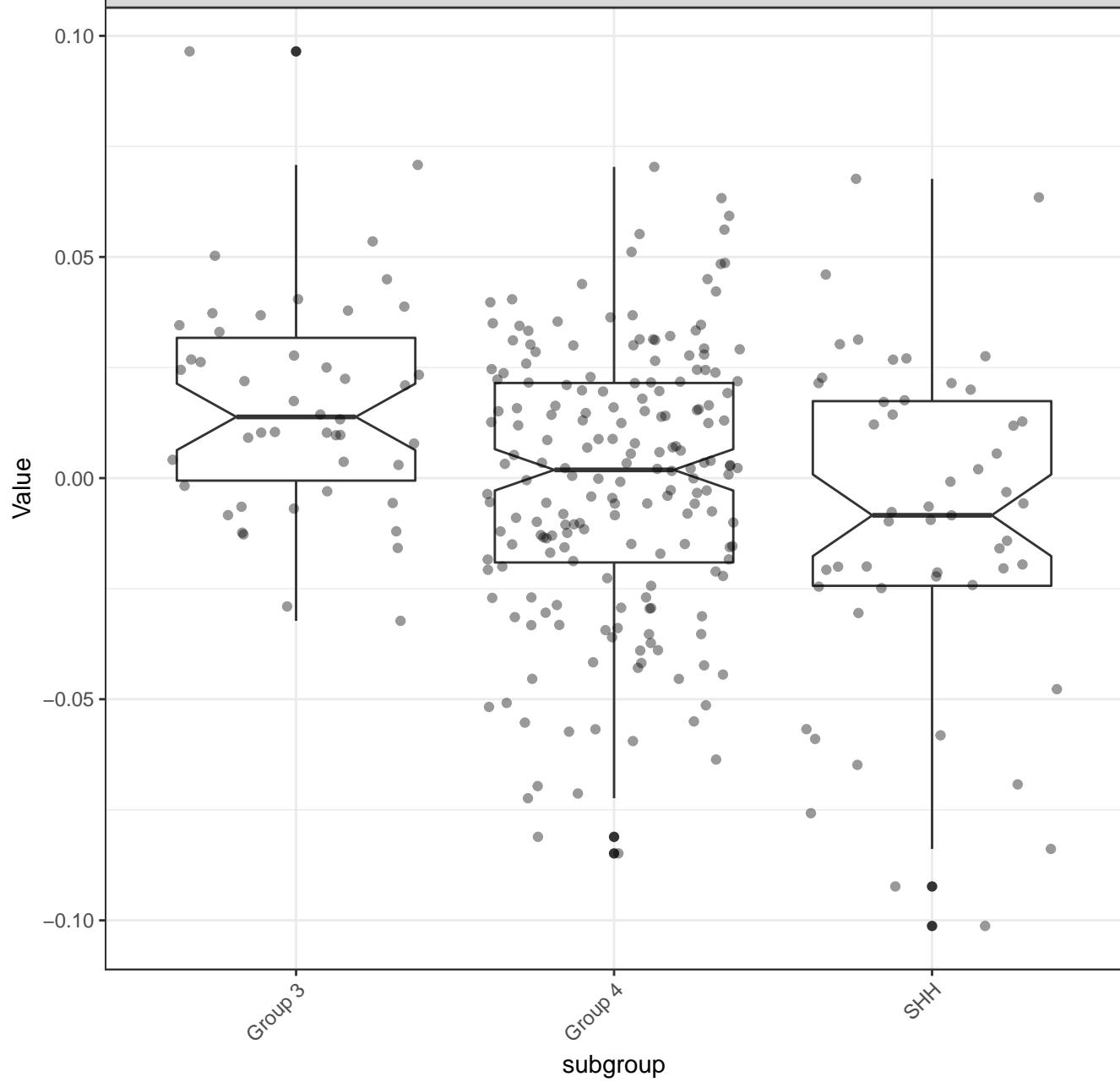
518,REACTOME_GENERIC_TRANSSCRIPTION_PATHWAY



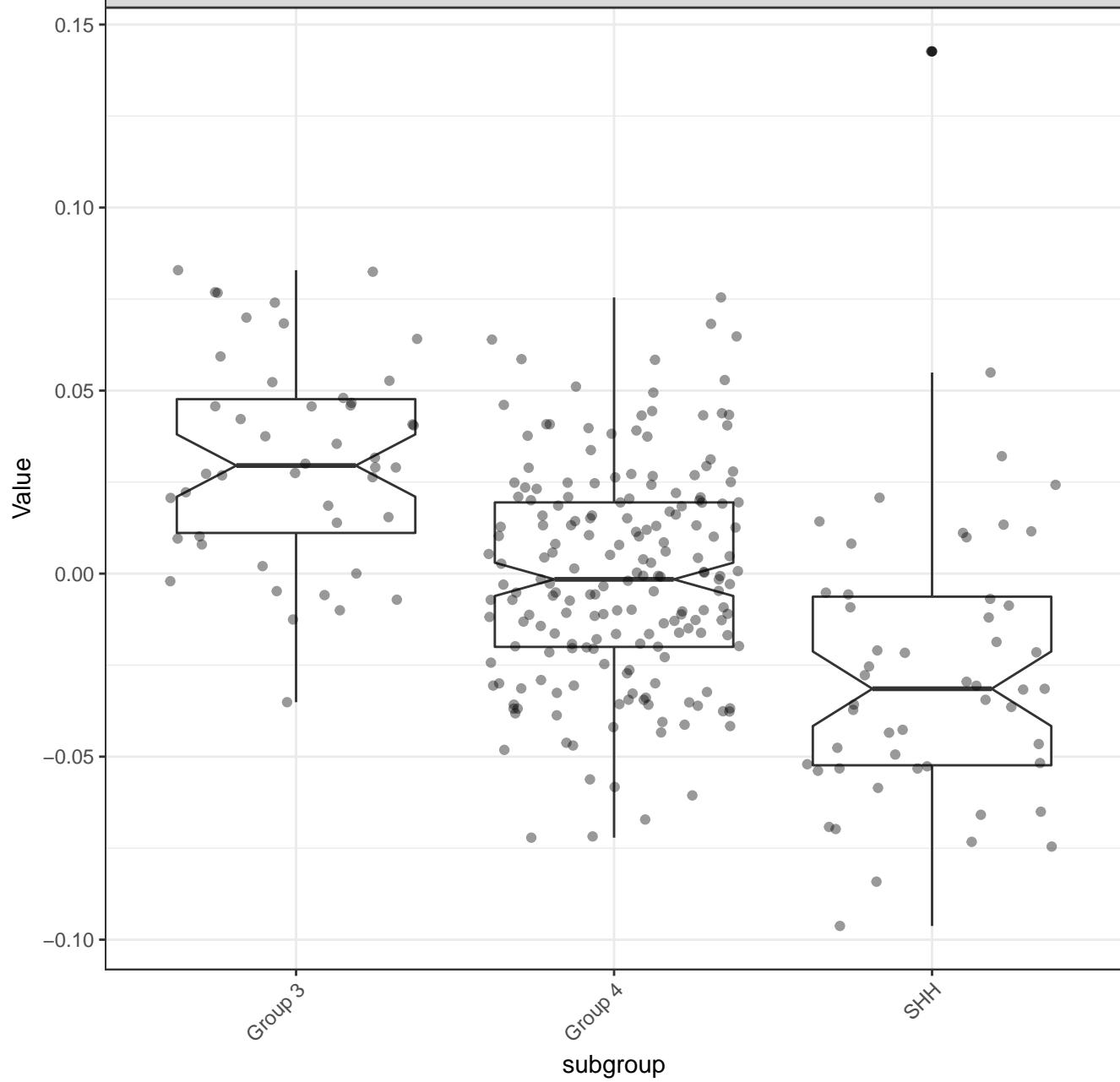
LV 519



LV 520



LV 521



LV 522

Value

0.10

0.05

0.00

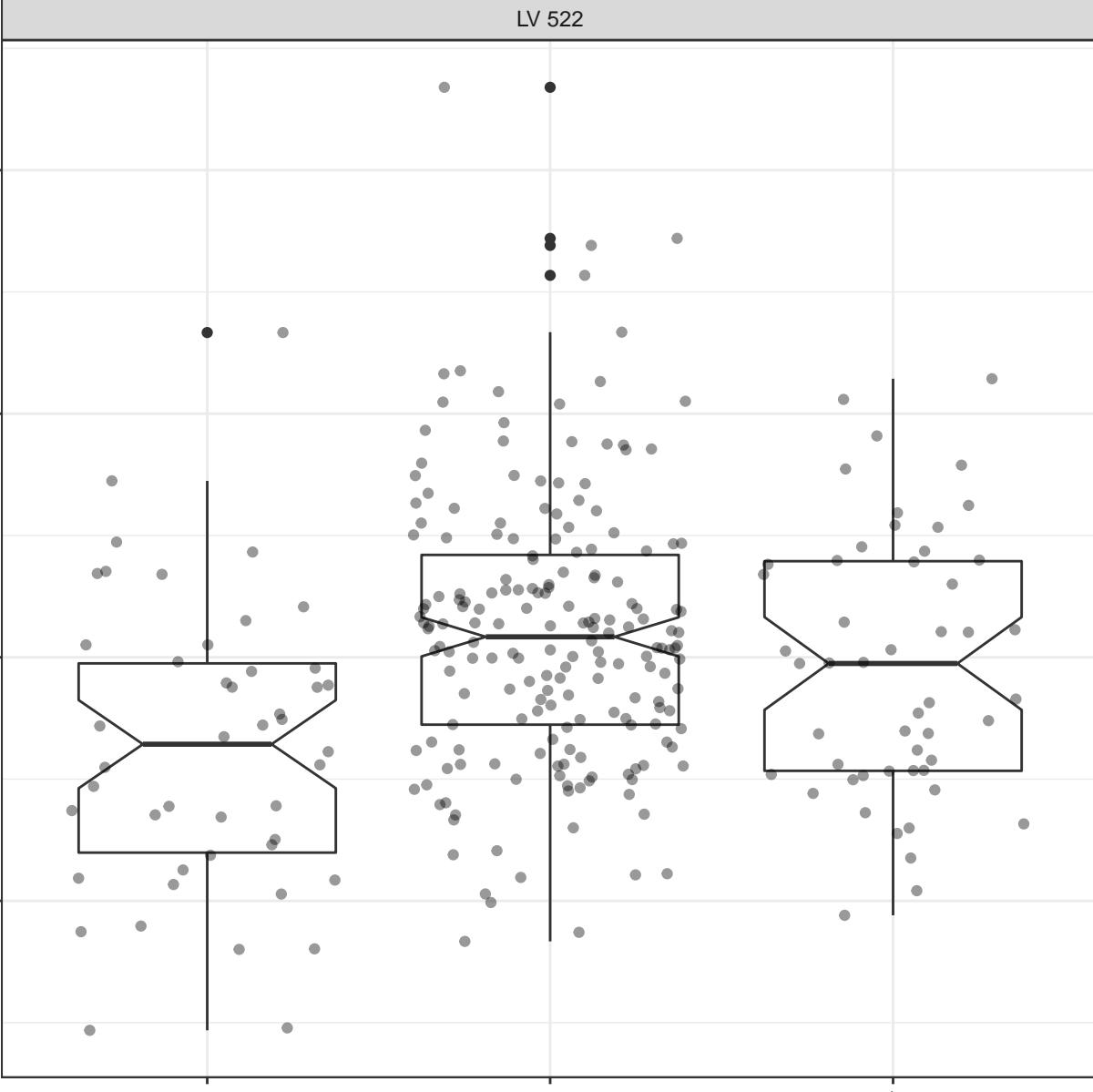
-0.05

Group 3

subgroup

Group 4

SHH



LV 523

Value

0.10

0.05

0.00

-0.05

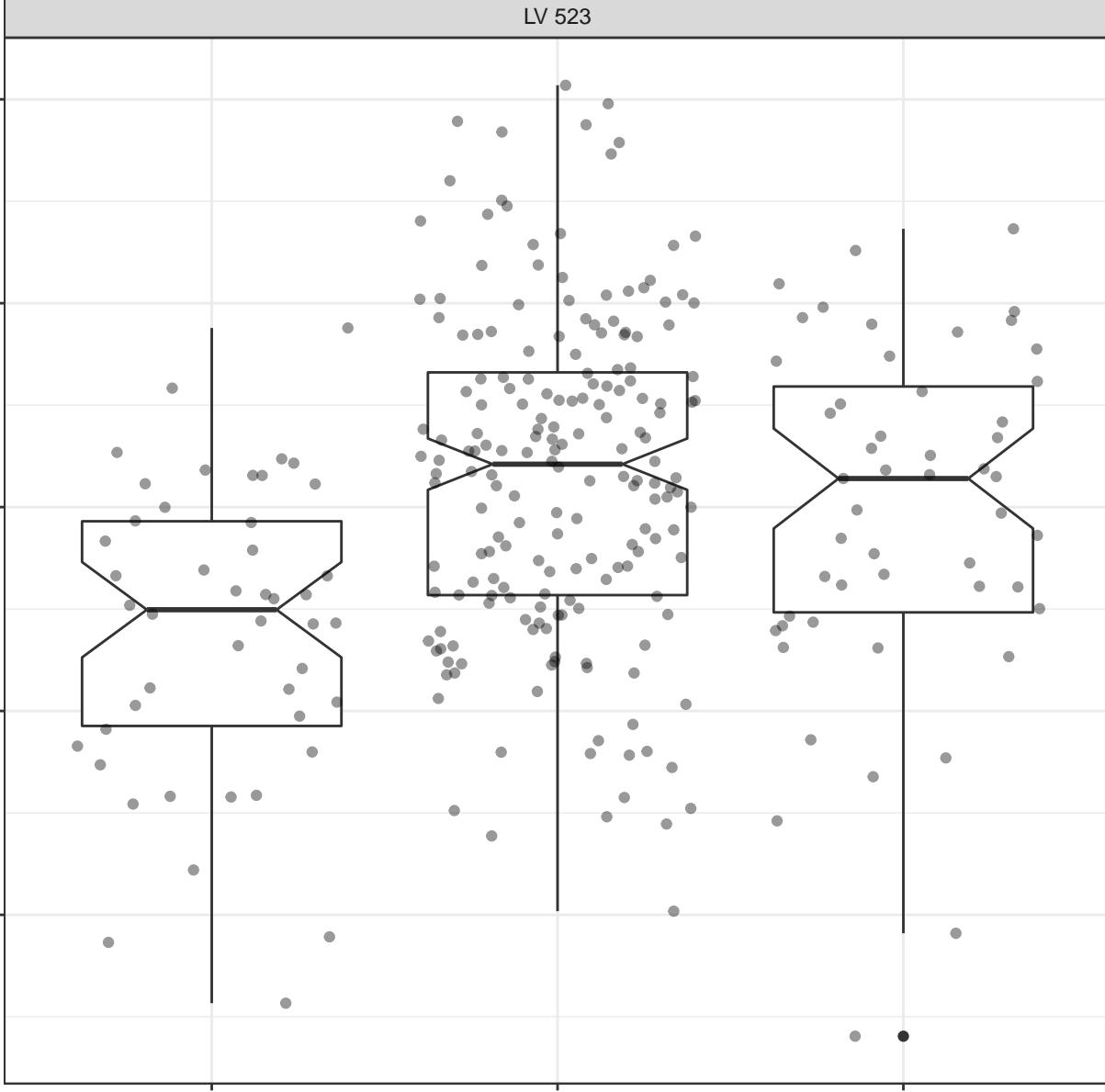
-0.10

Group 3

Group 4

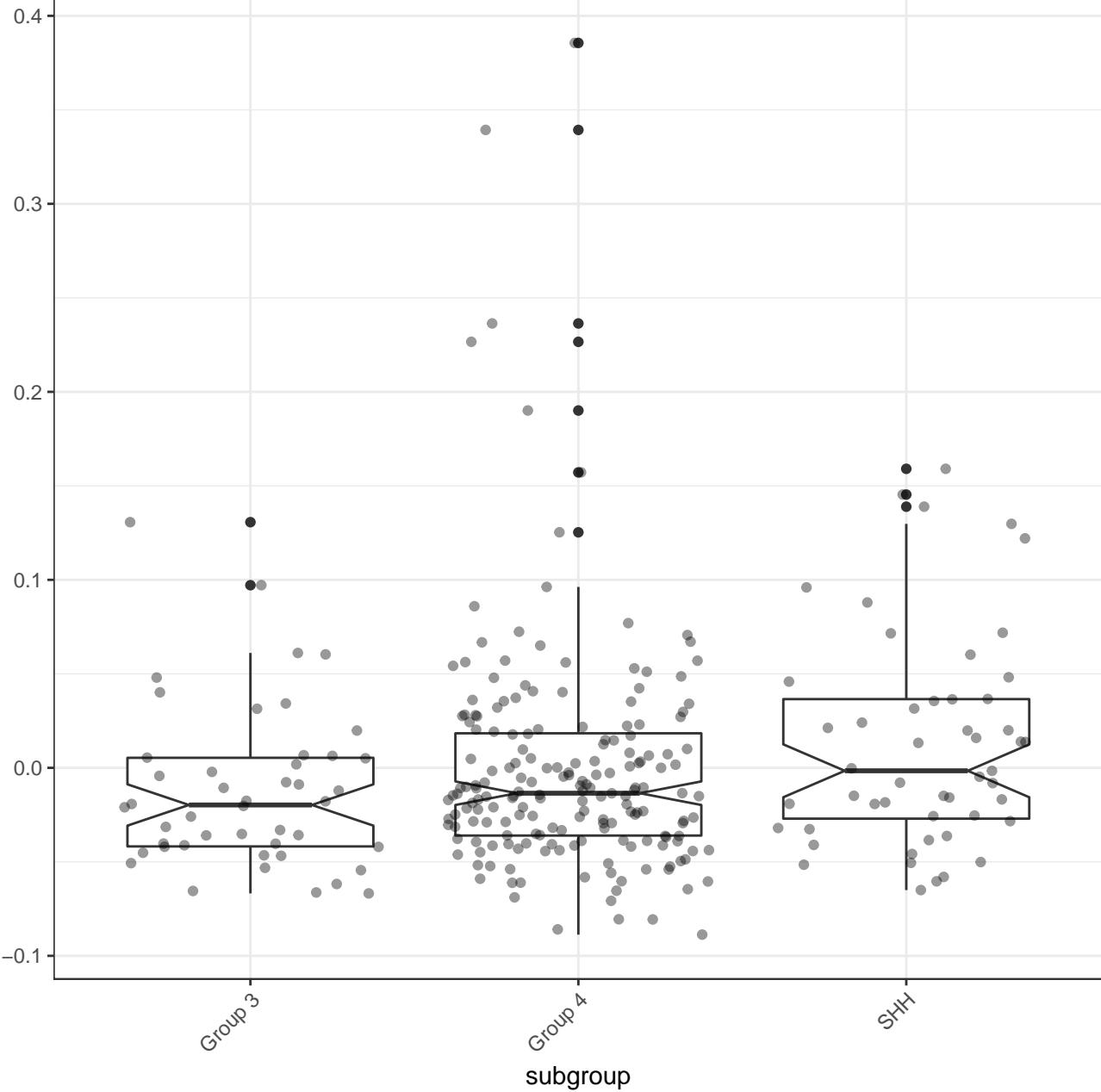
SHH

subgroup



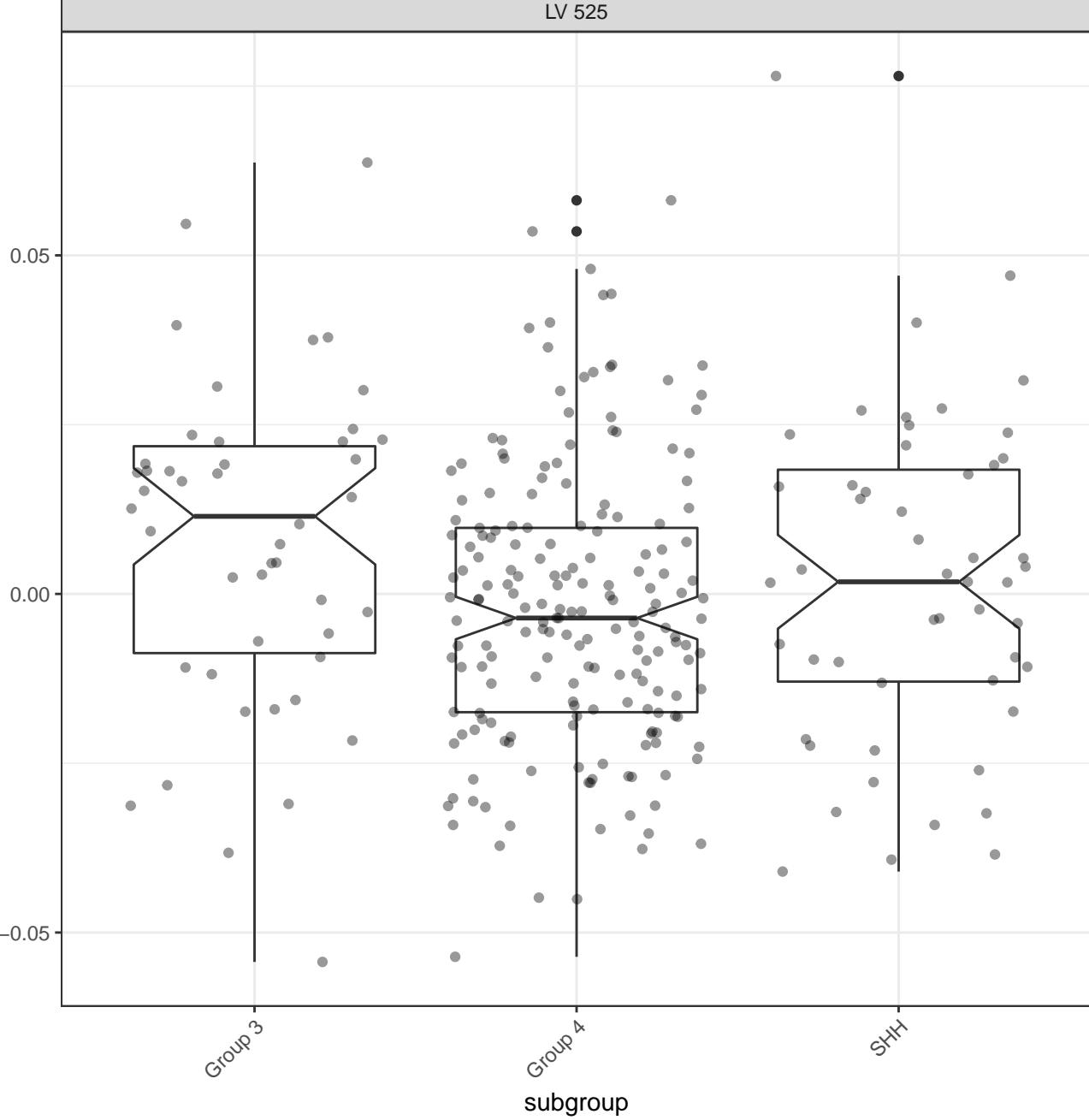
524,IRIS_Neutrophil–Resting

Value



LV 525

Value



Value

0.10

0.05

0.00

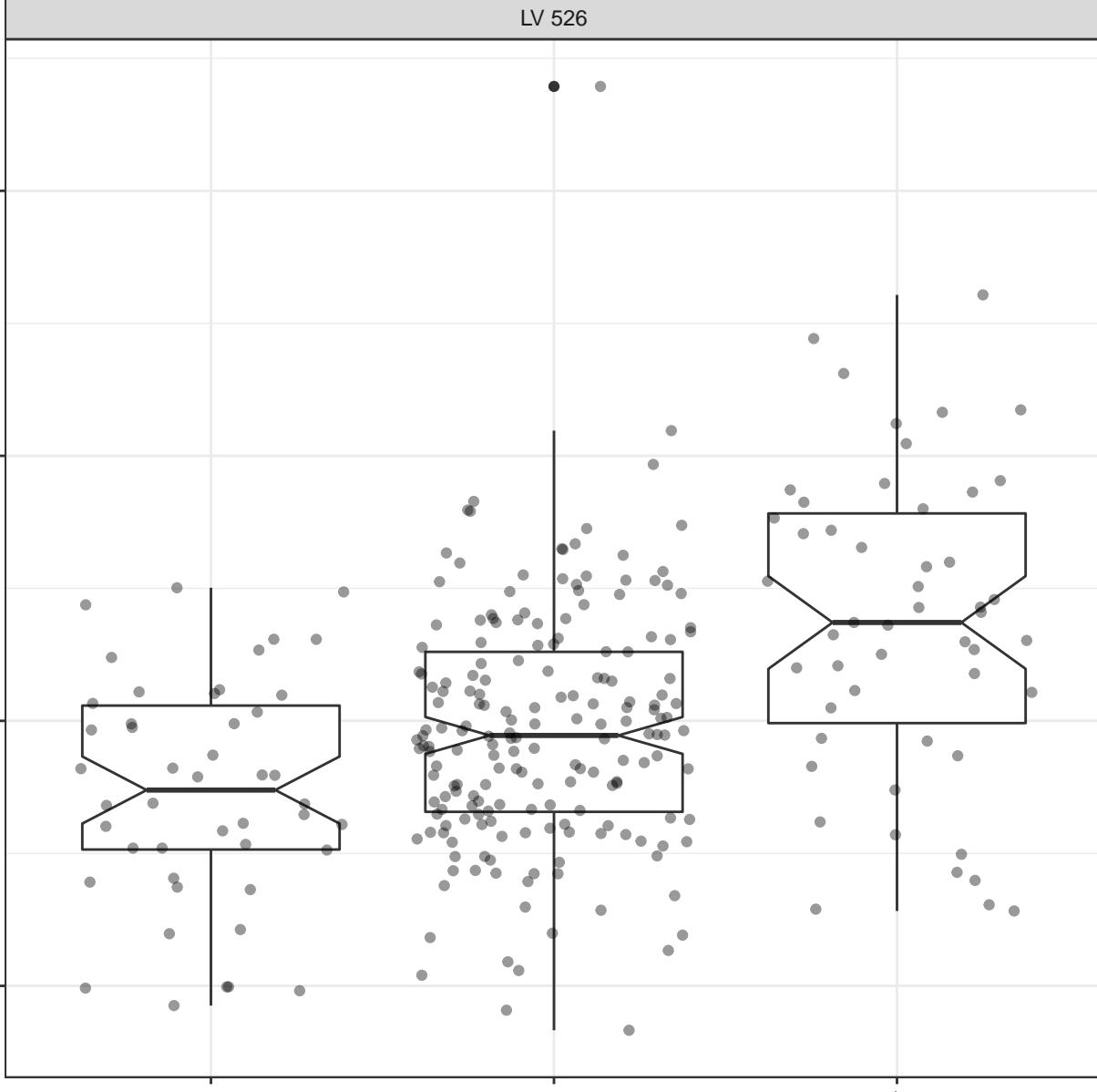
-0.05

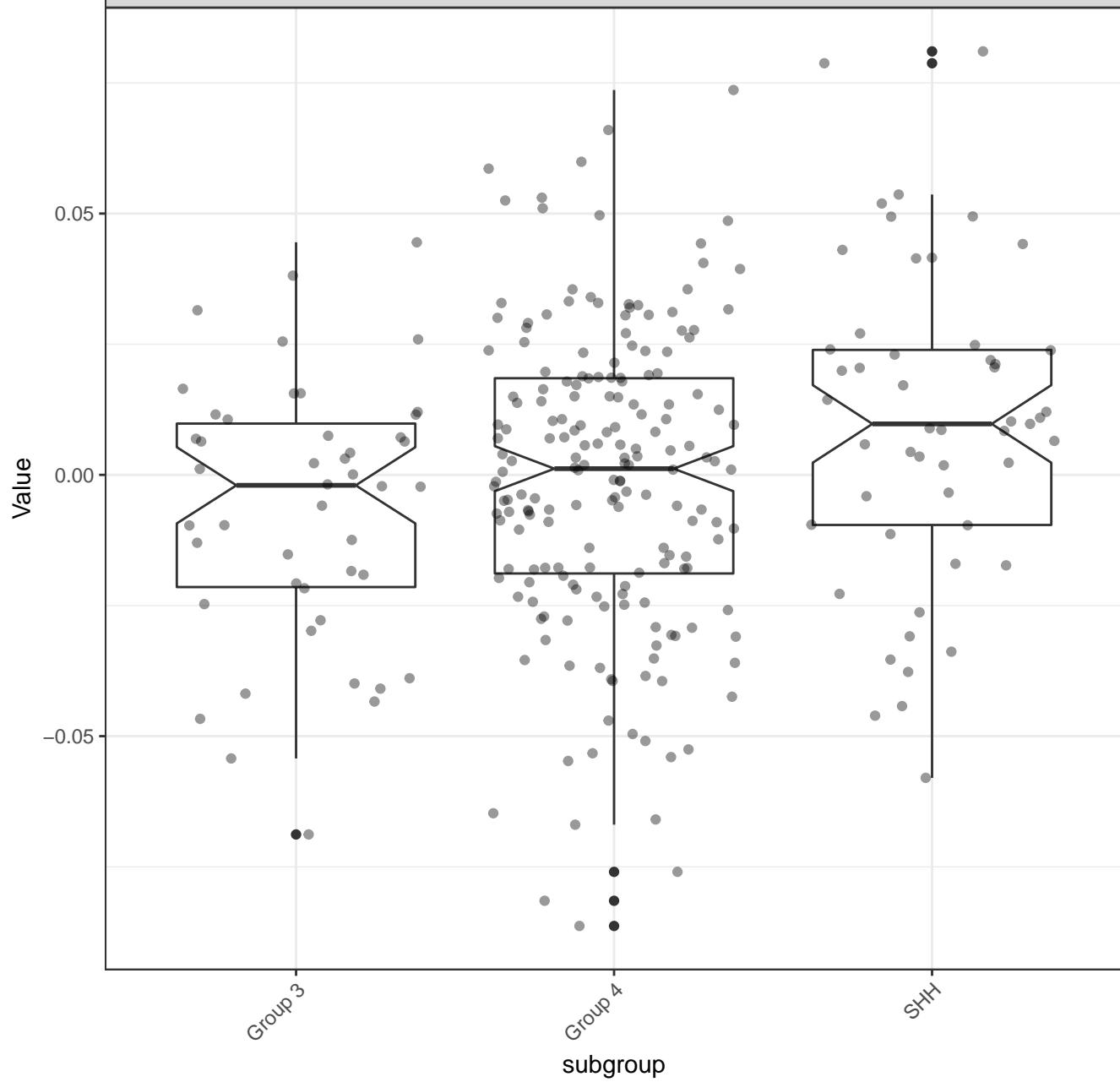
Group 3

subgroup

Group 4

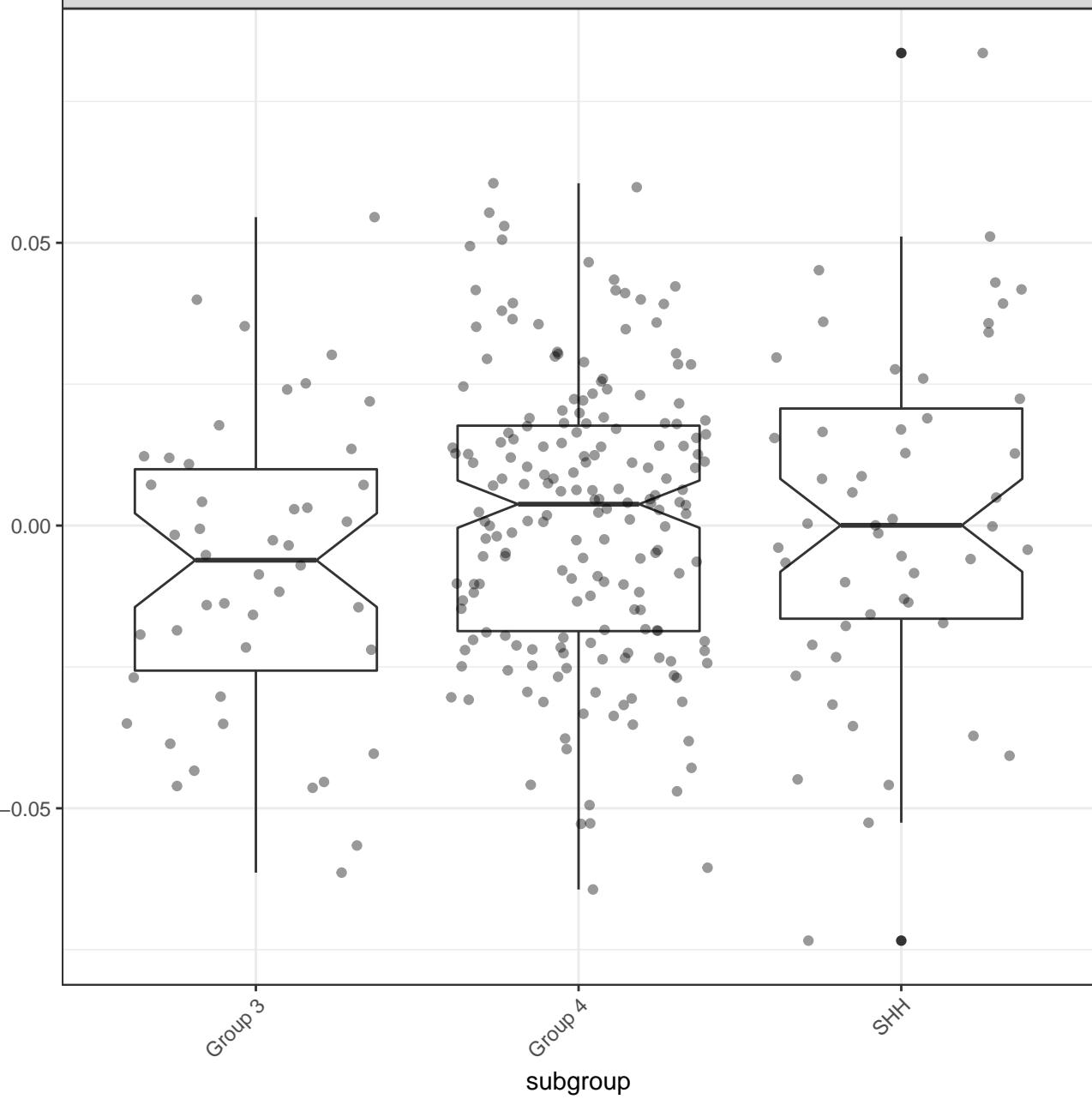
SHH



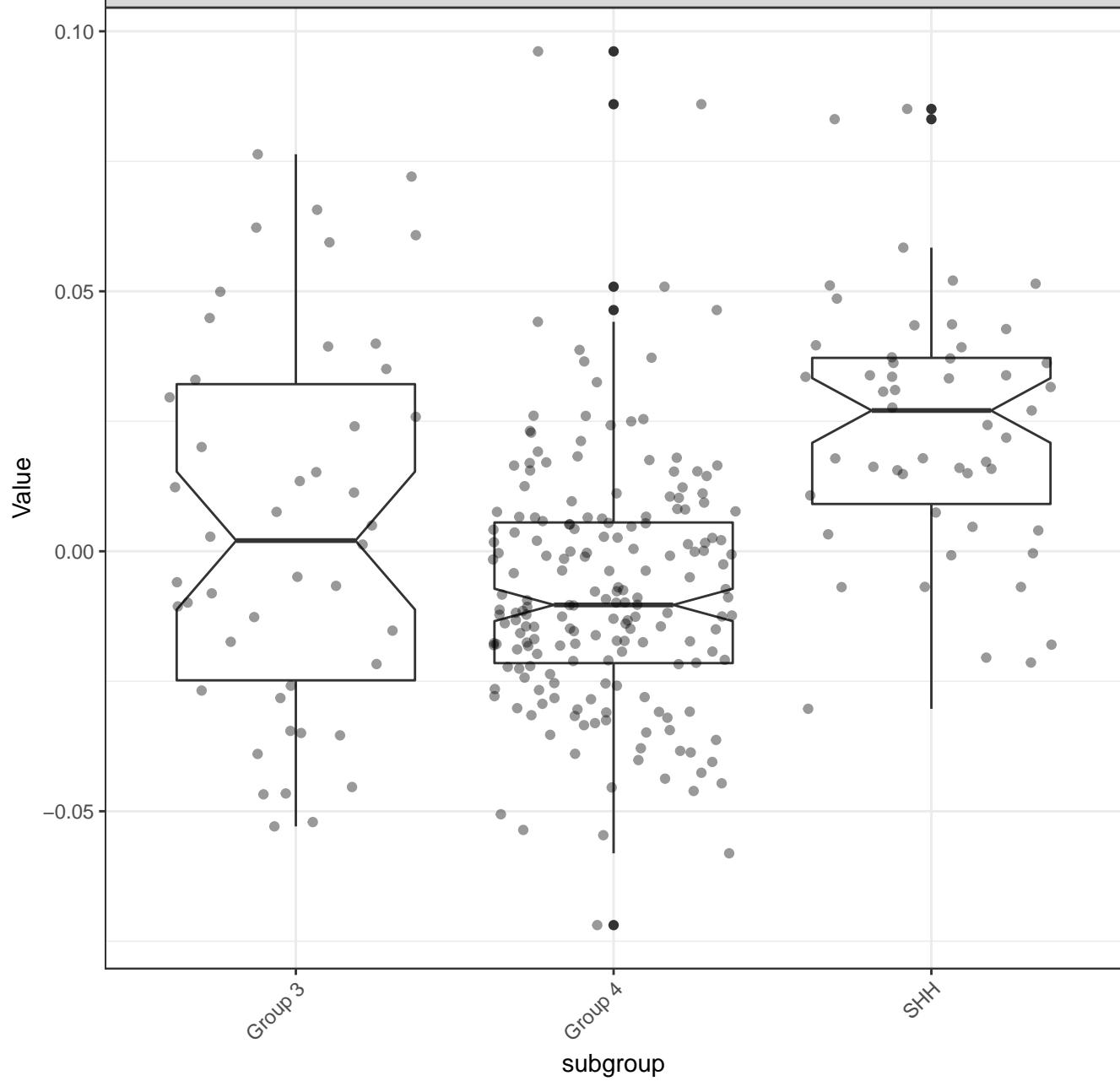


LV 528

Value



LV 529



LV 530

Value

0.10

0.05

0.00

-0.05

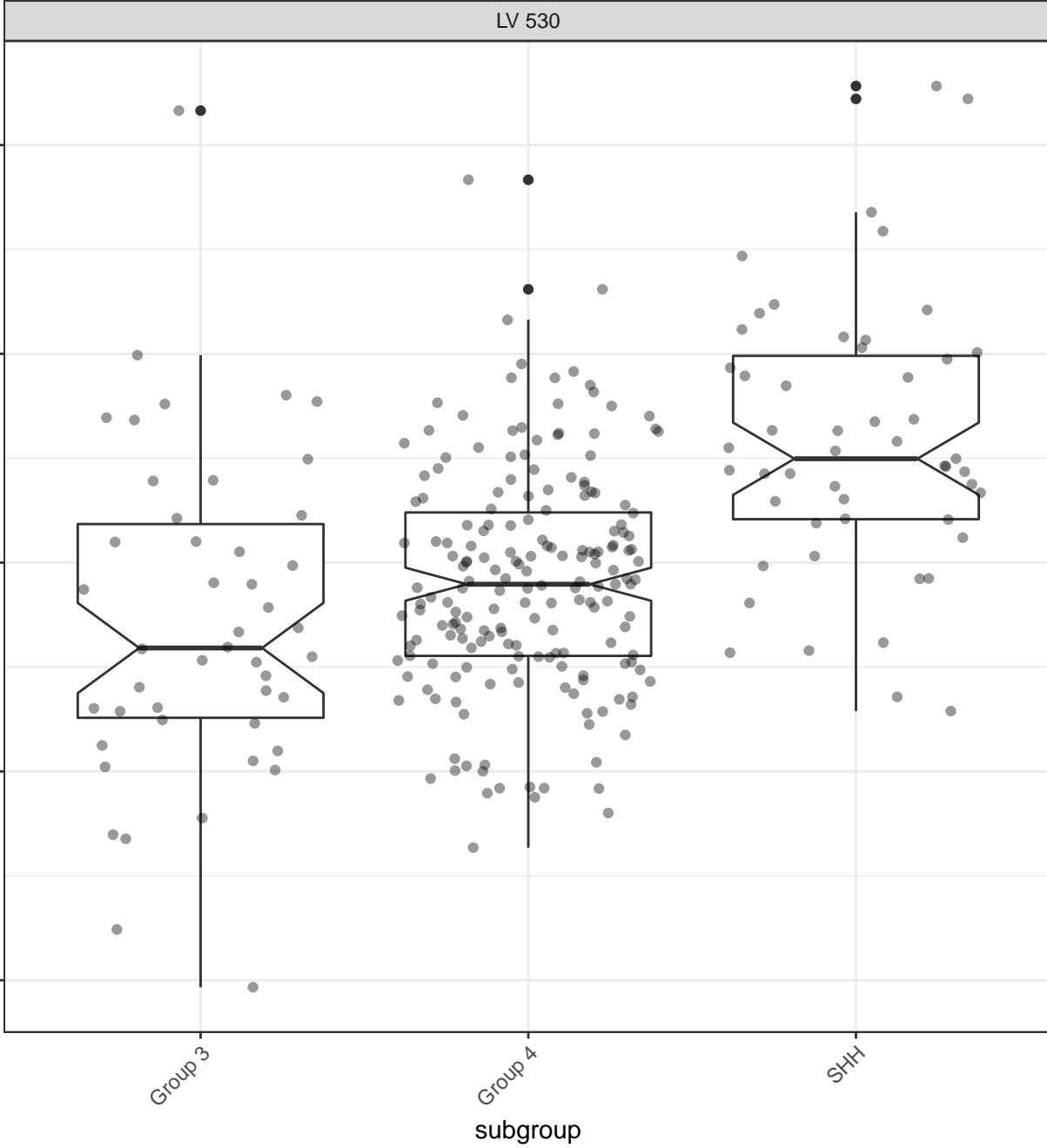
-0.10

Group 3

Group 4

SHH

subgroup



LV 531

Value

0.10

0.05

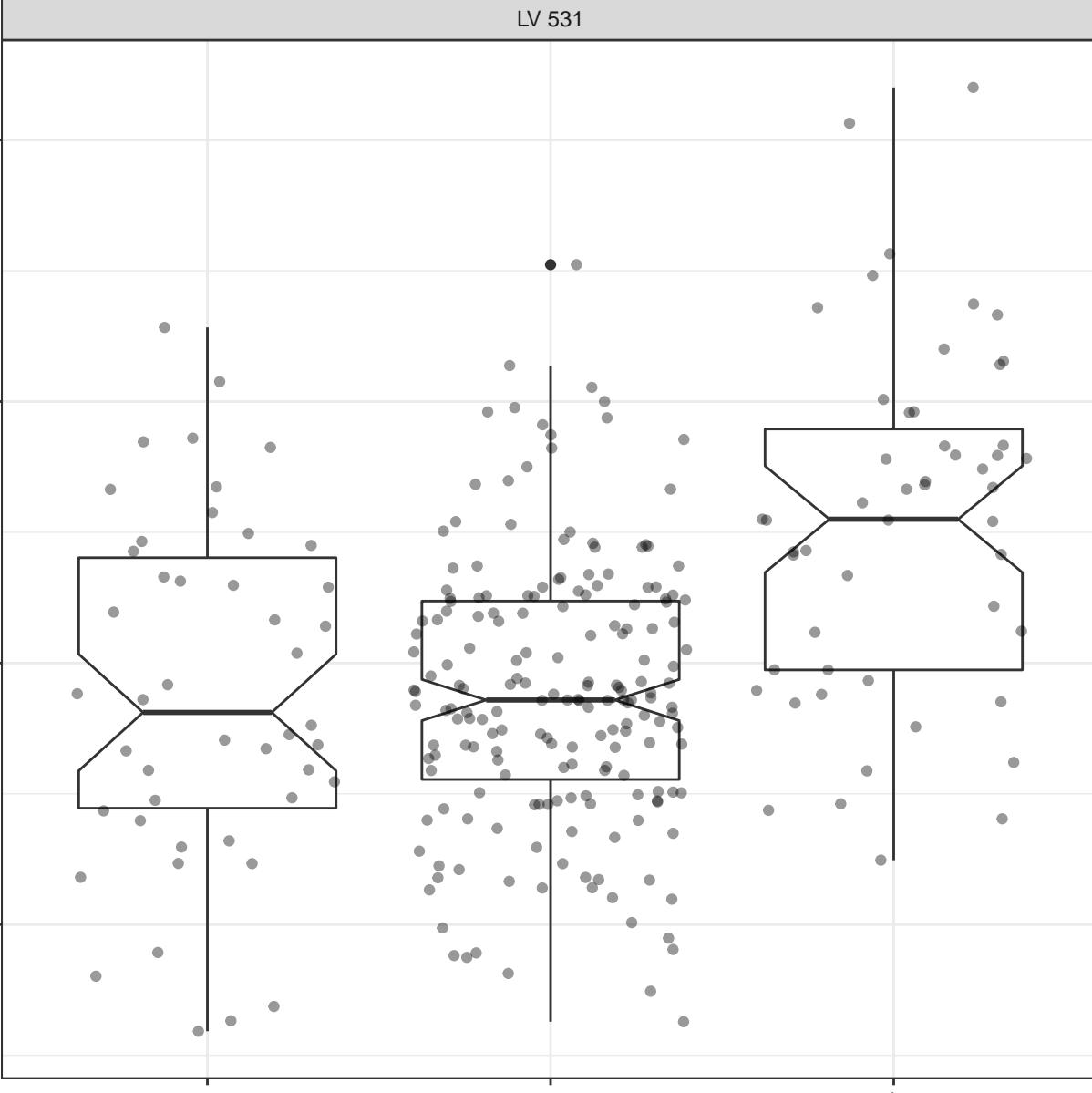
0.00

-0.05

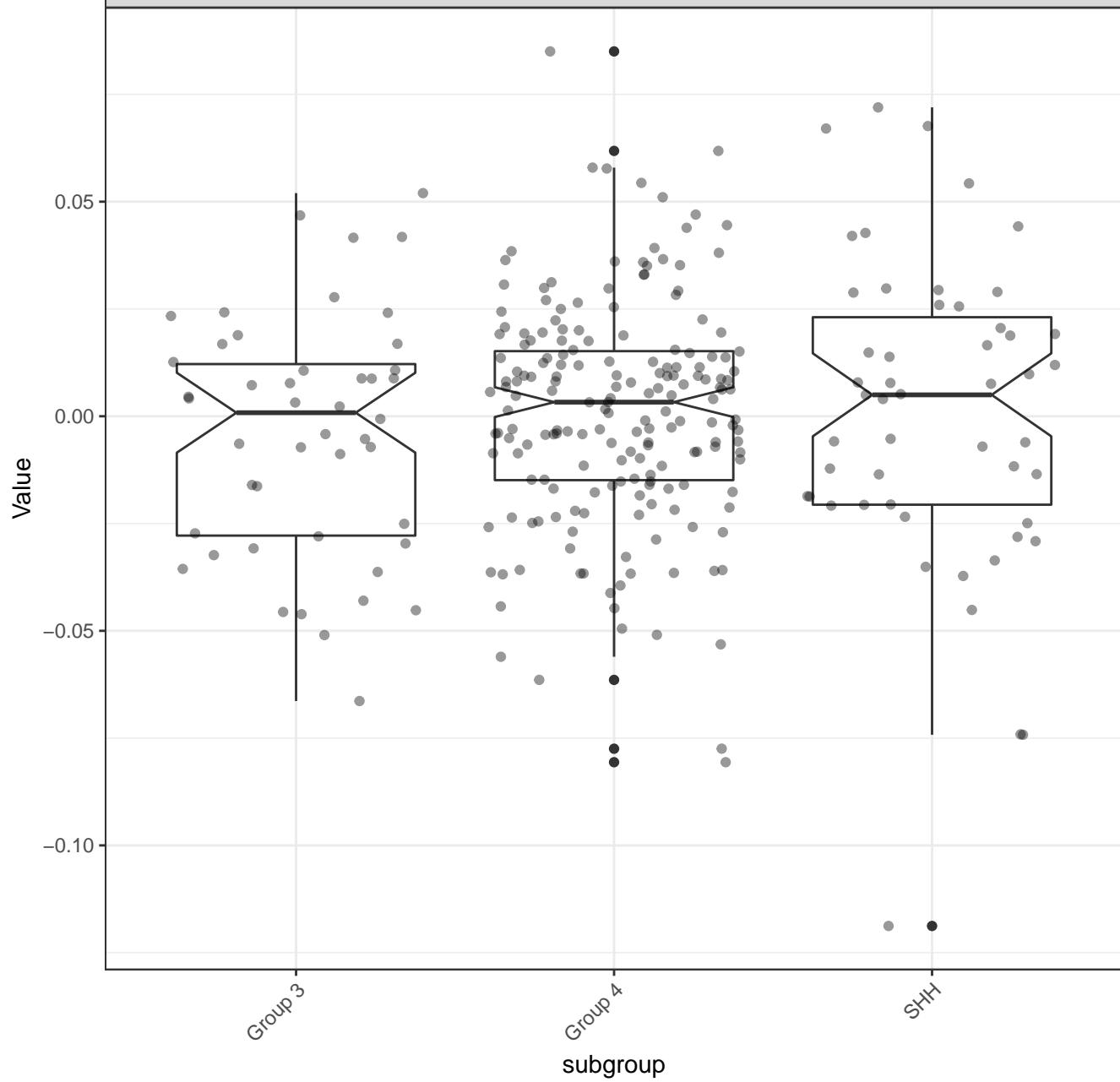
Group 3

subgroup

SHH



LV 532



LV 533

Value

0.15

0.10

0.05

0.00

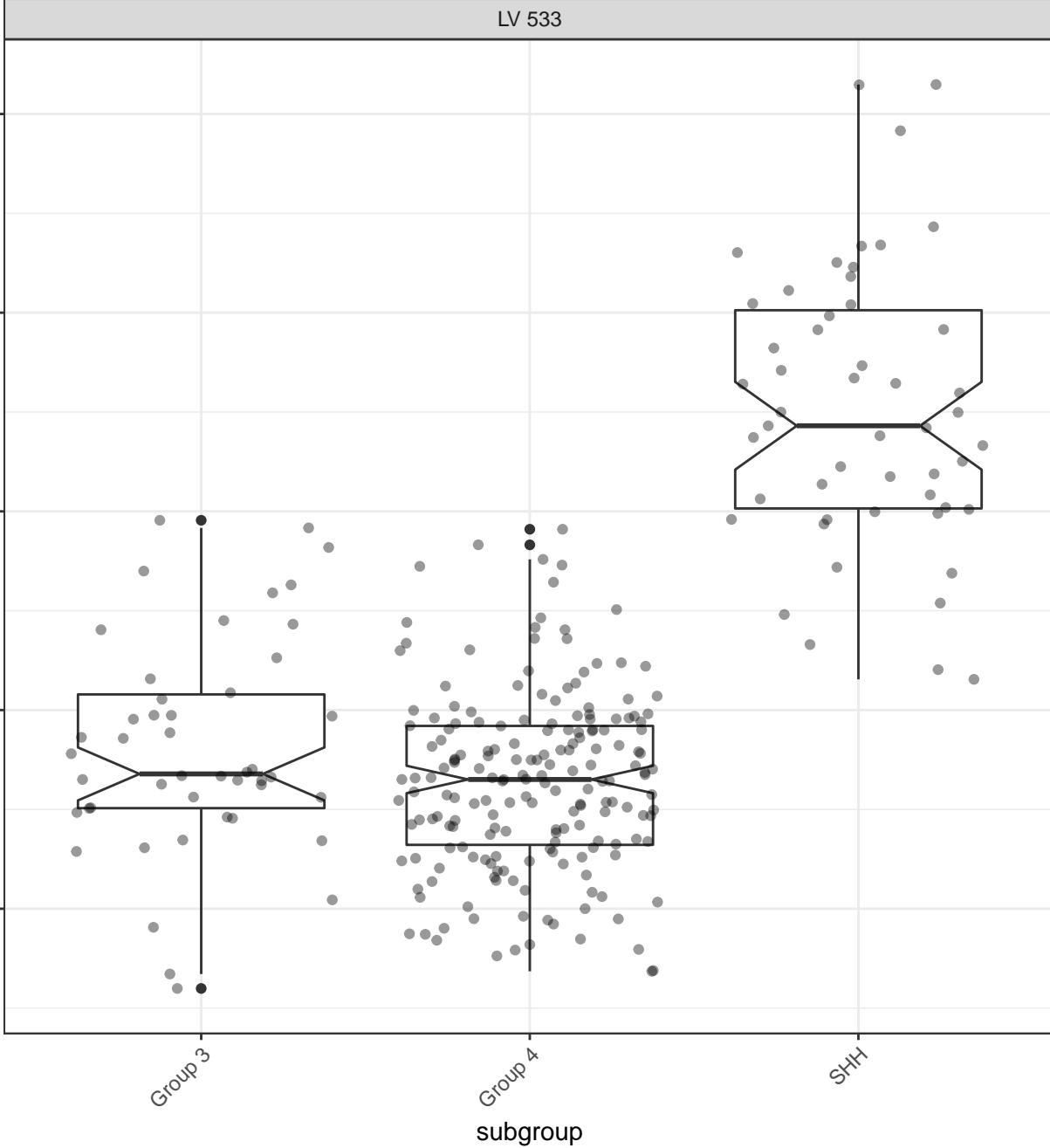
-0.05

Group 3

Group 4

SHH

subgroup



LV 534

Value

0.10

0.05

0.00

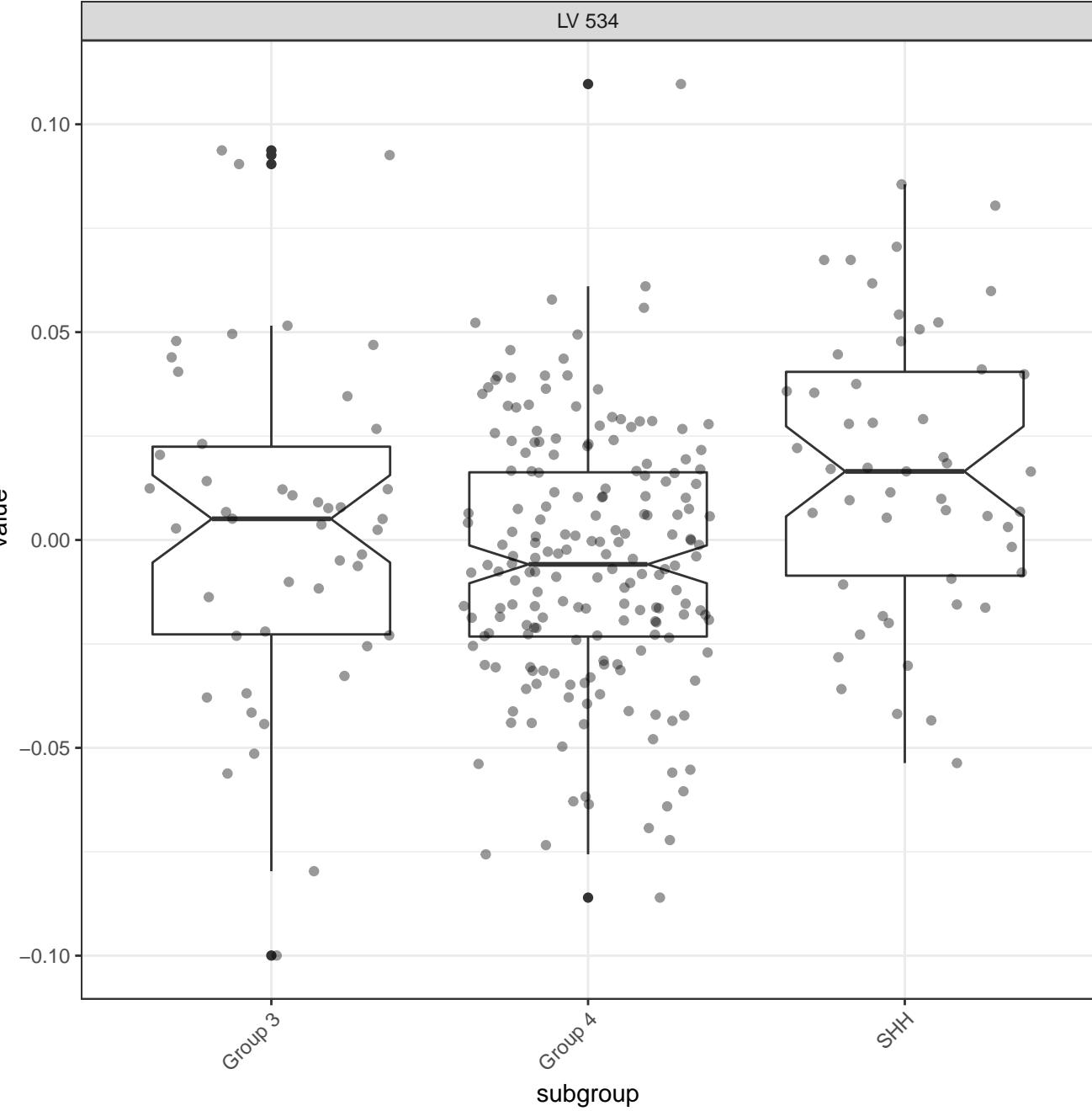
-0.05

-0.10

Group 3

subgroup

SHH



LV 535

Value

0.05

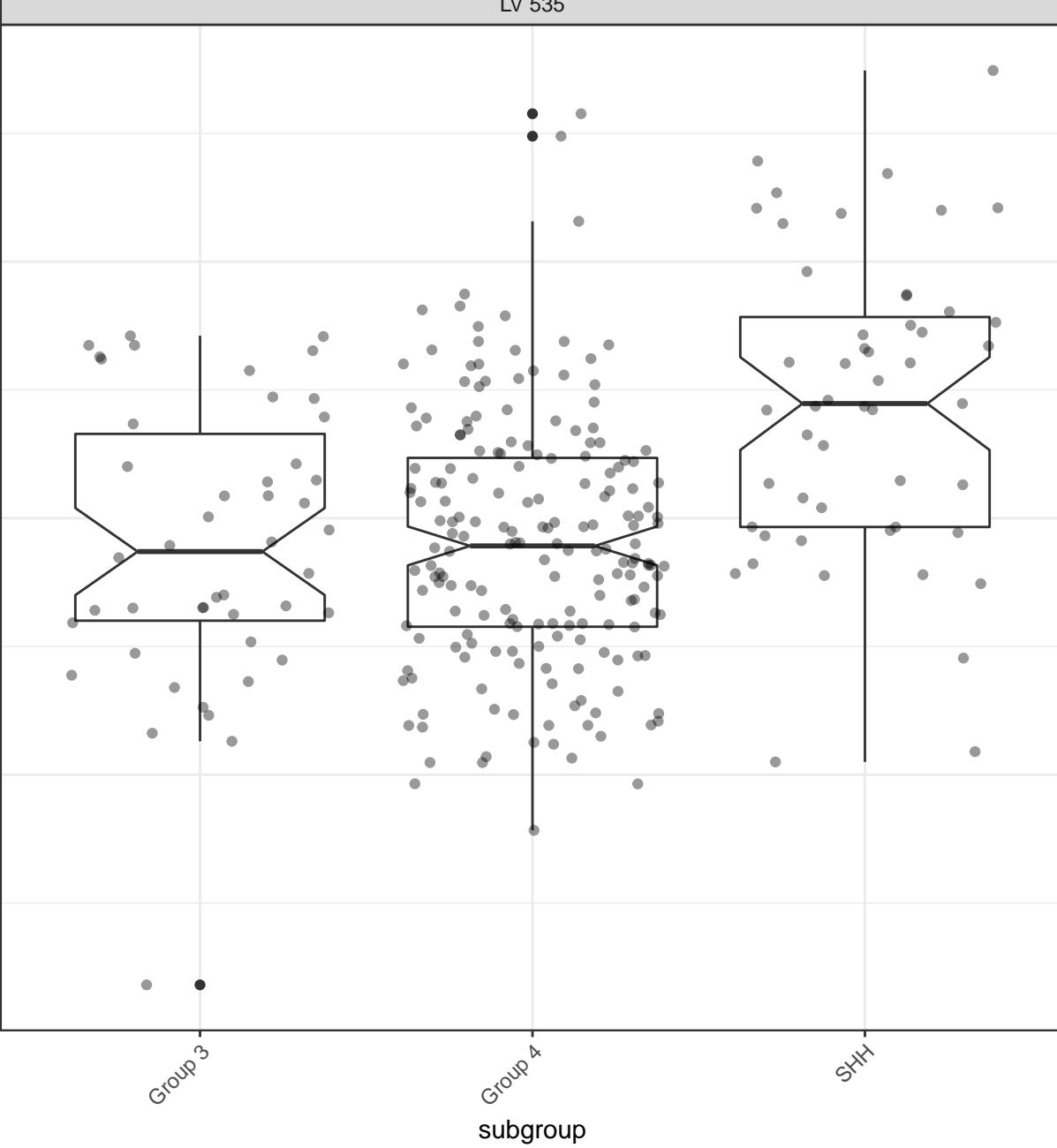
0.00

-0.05

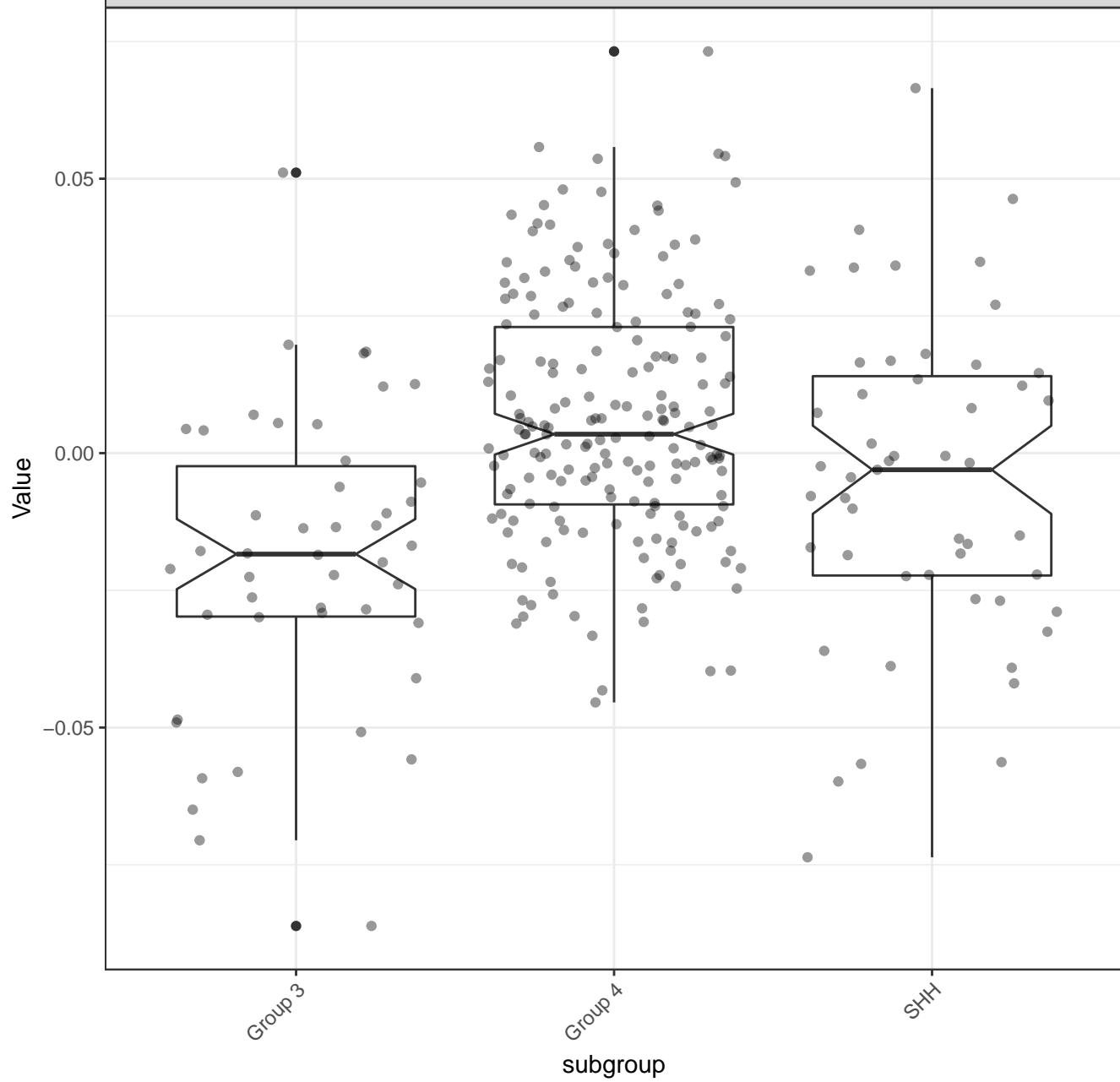
Group 3

subgroup

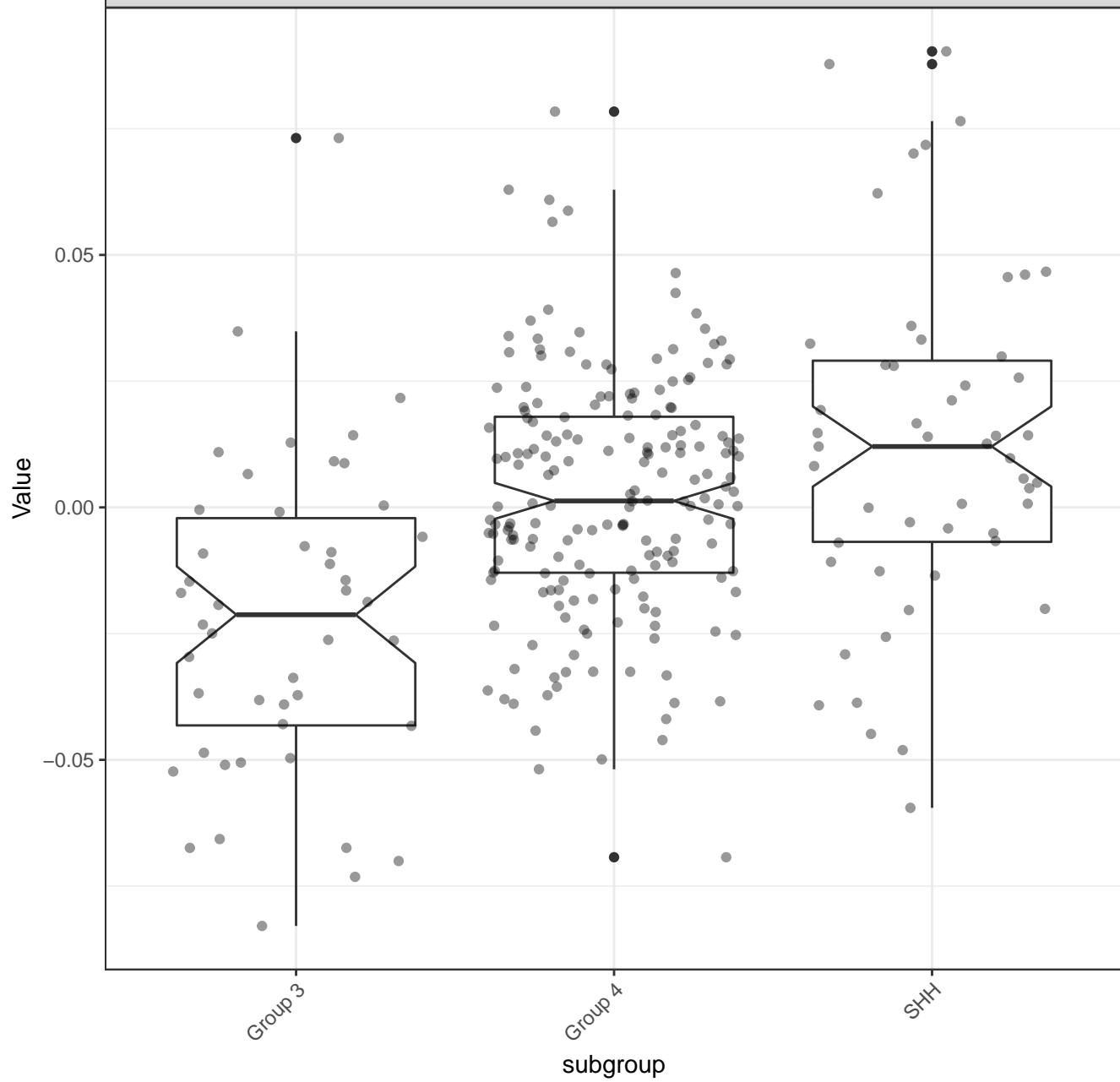
SHH



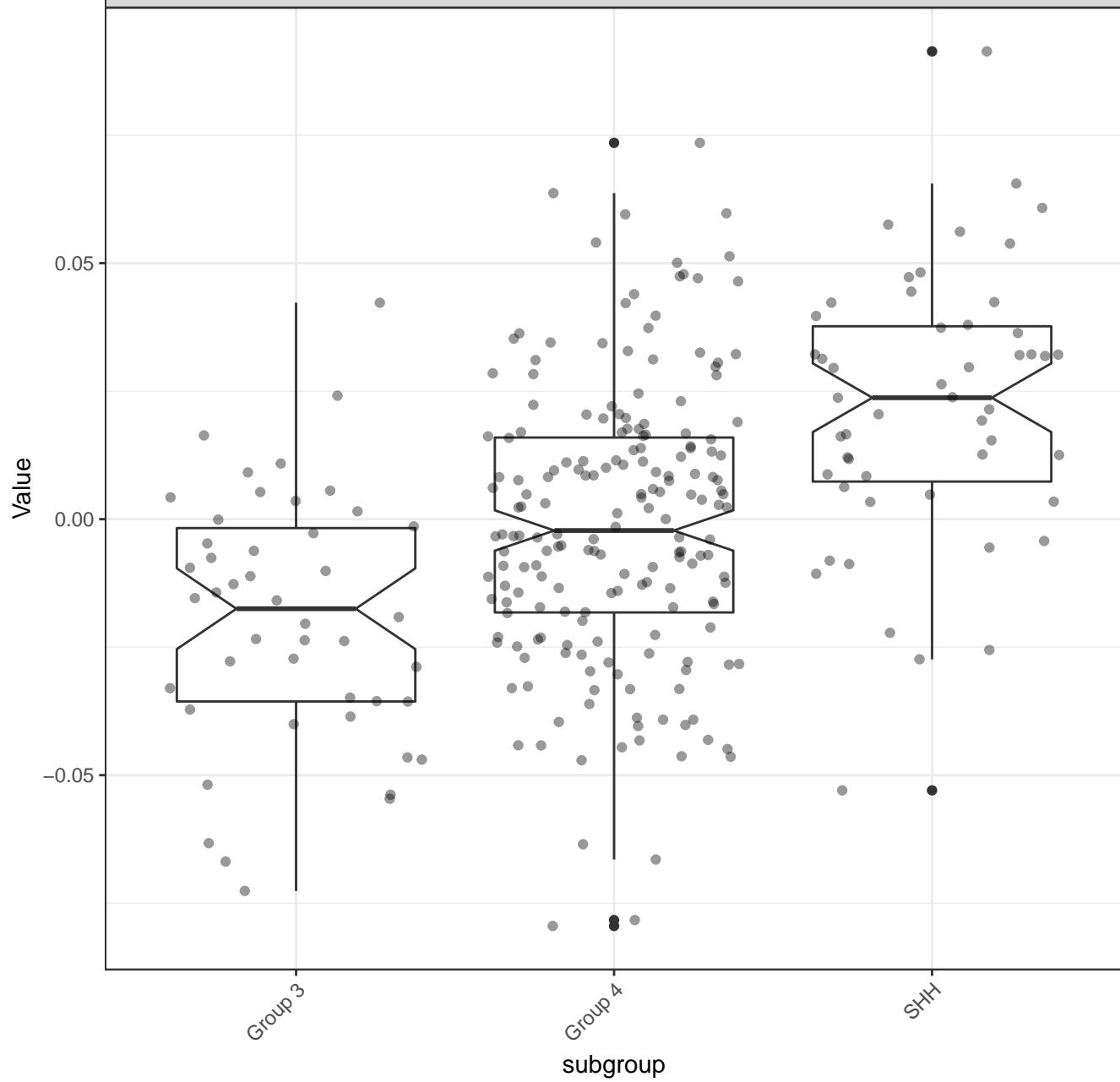
LV 536



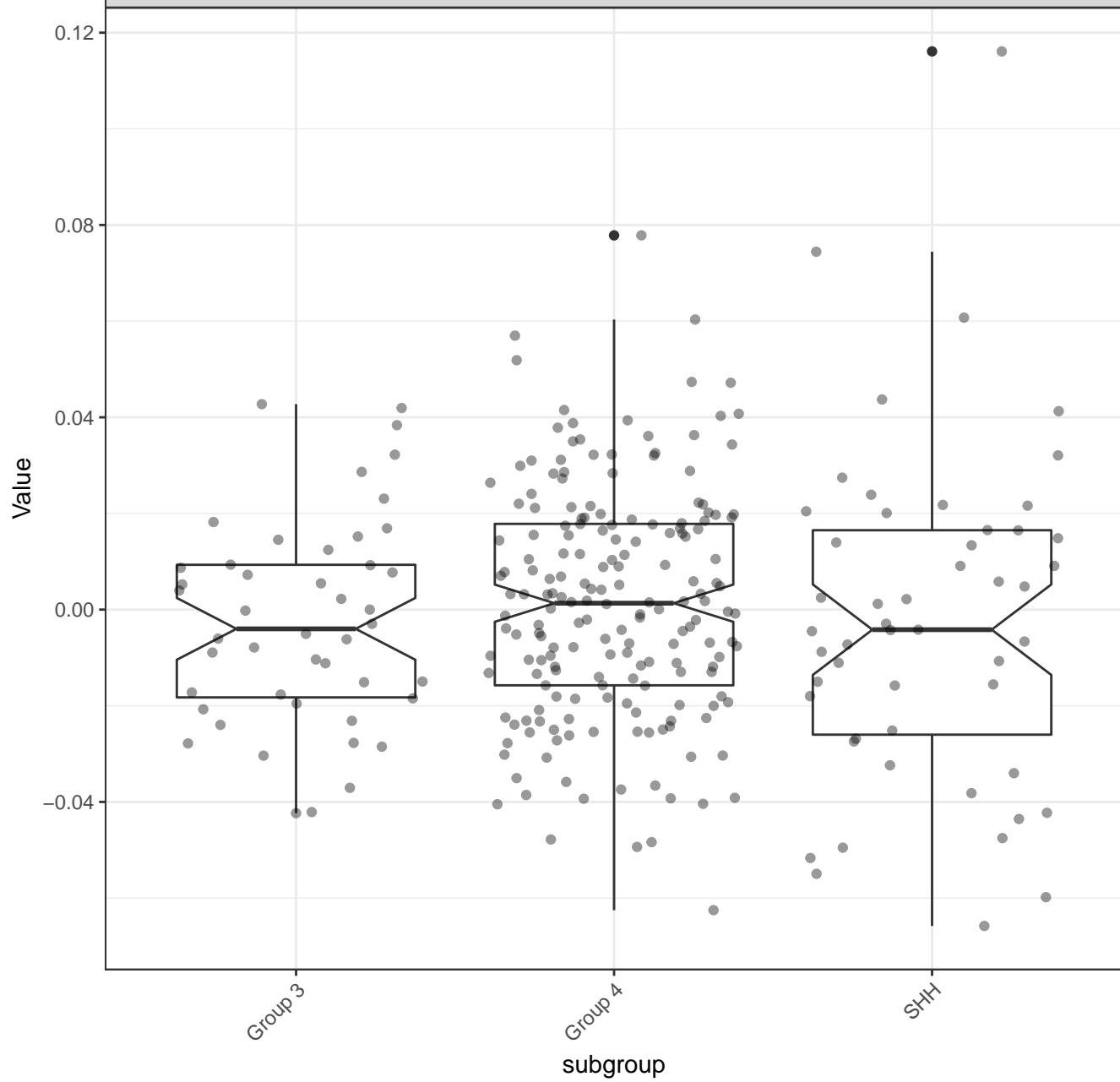
LV 537



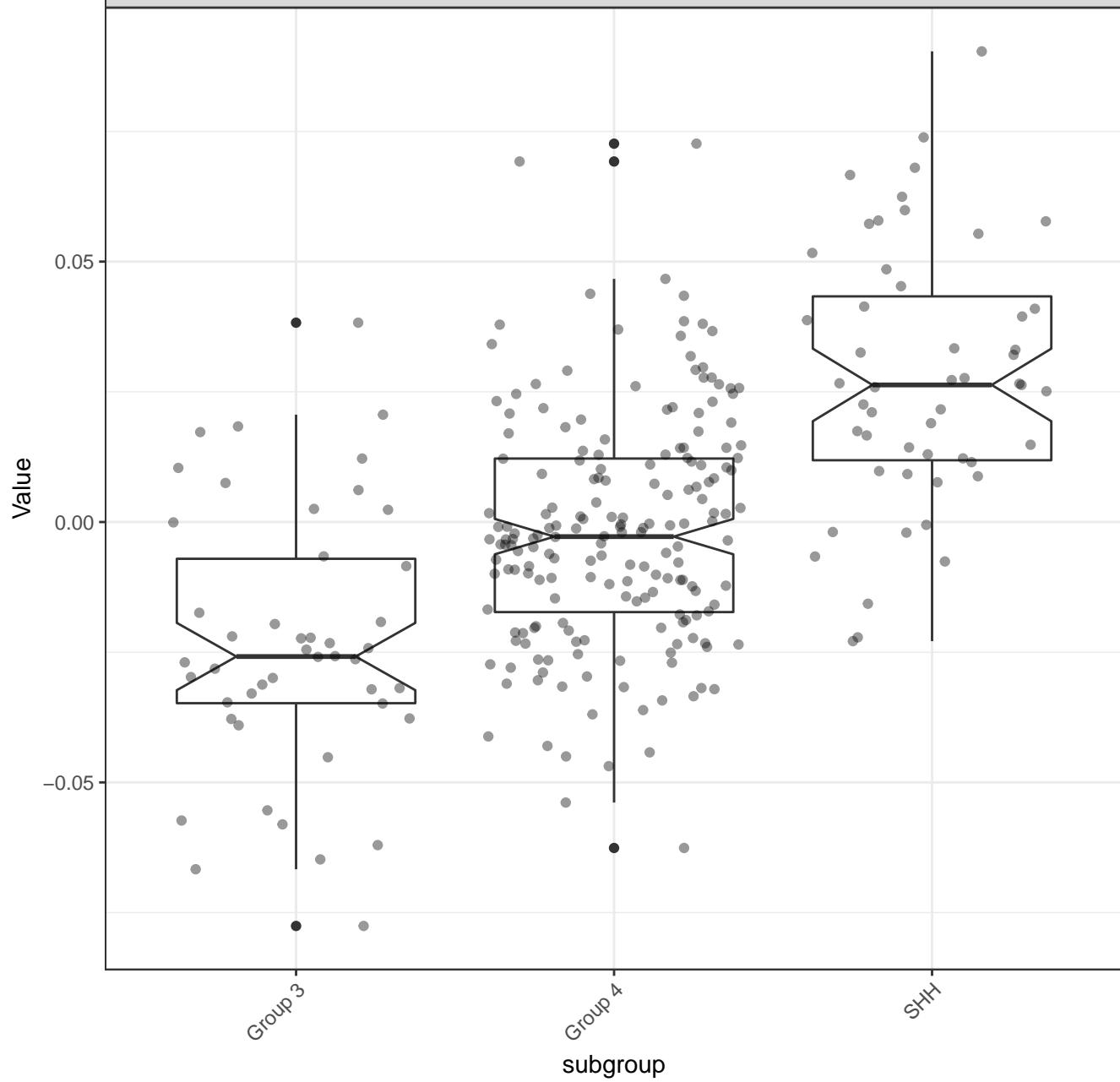
538,PID_P73PATHWAY



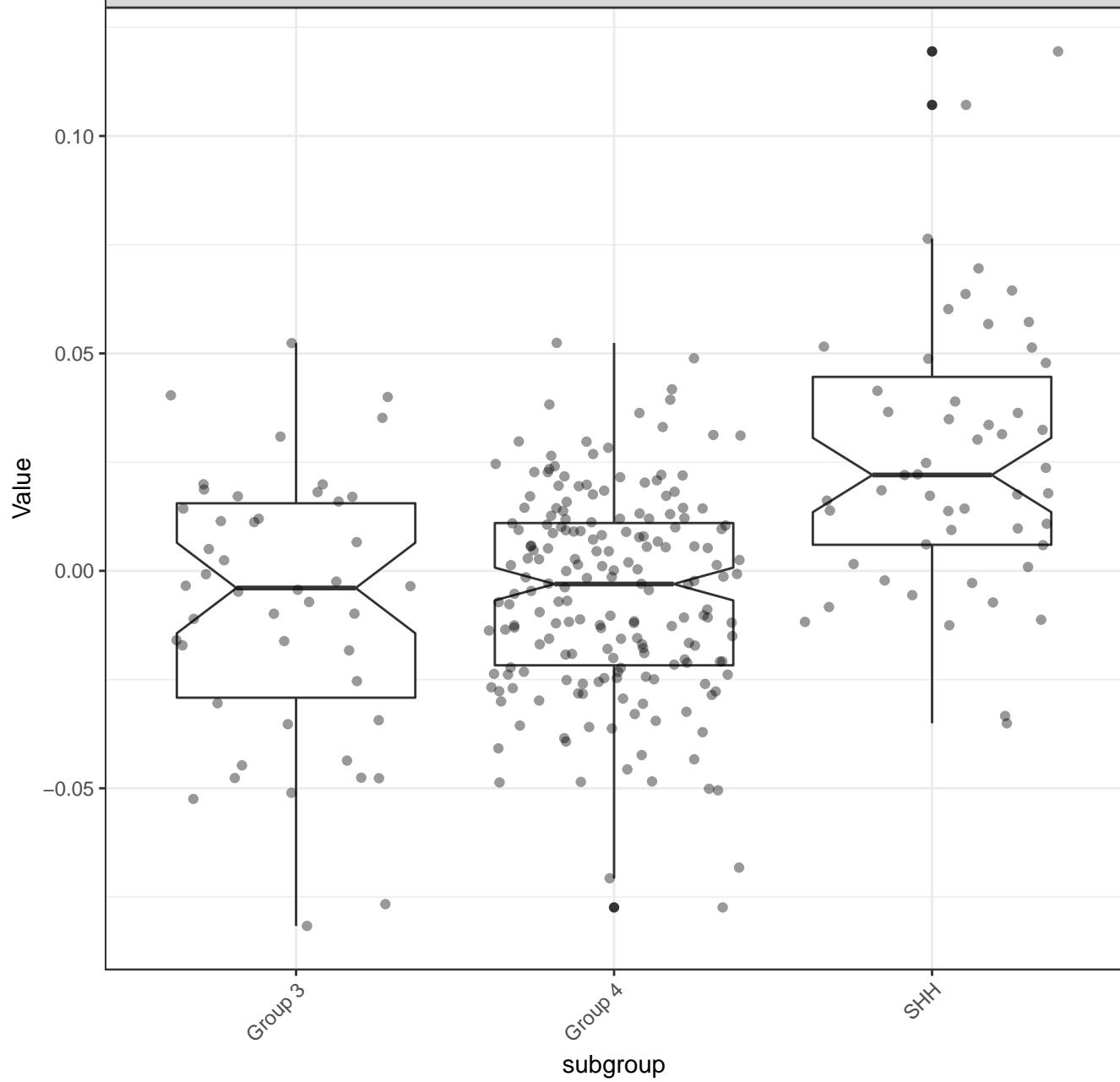
LV 539

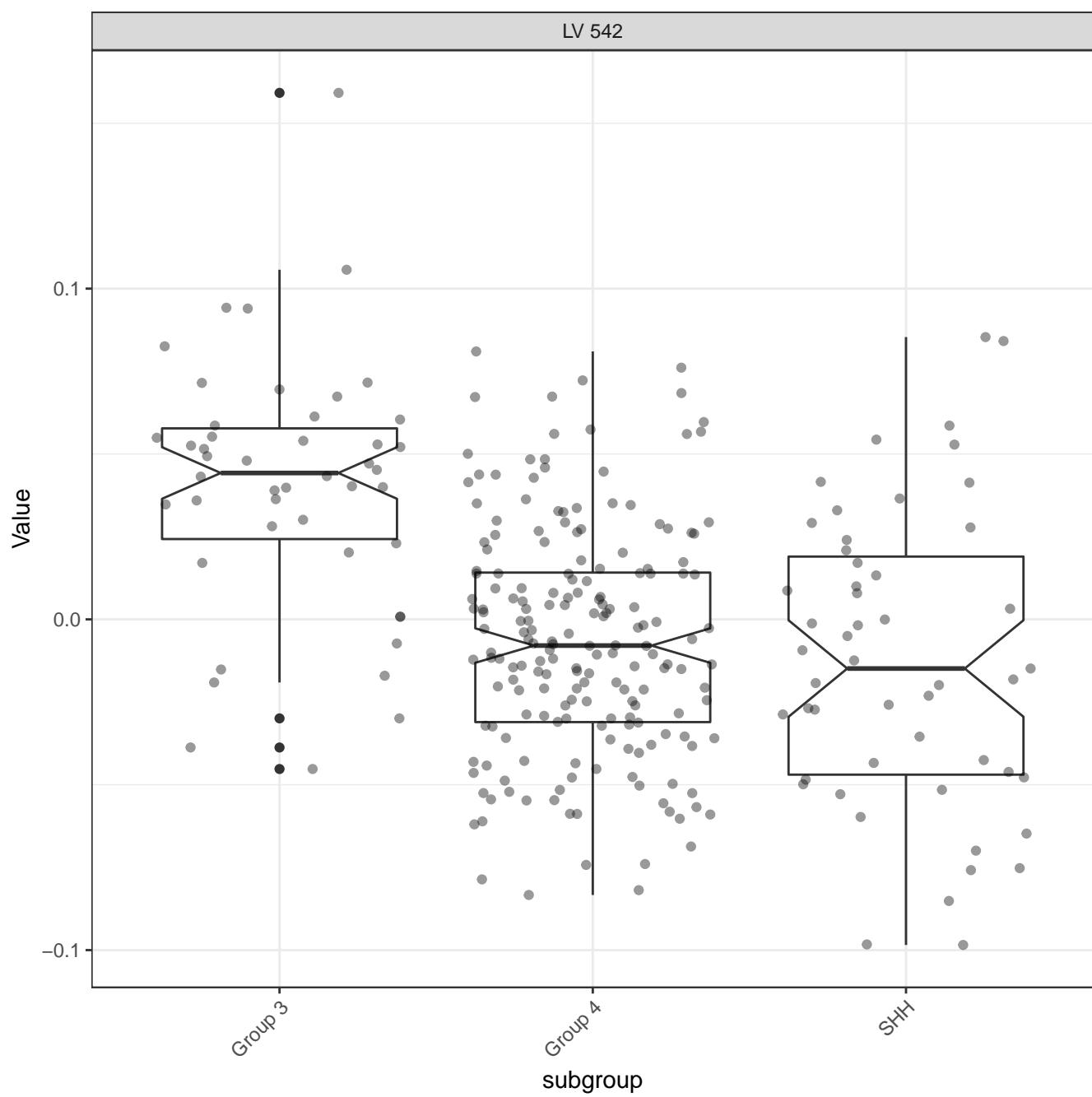


LV 540



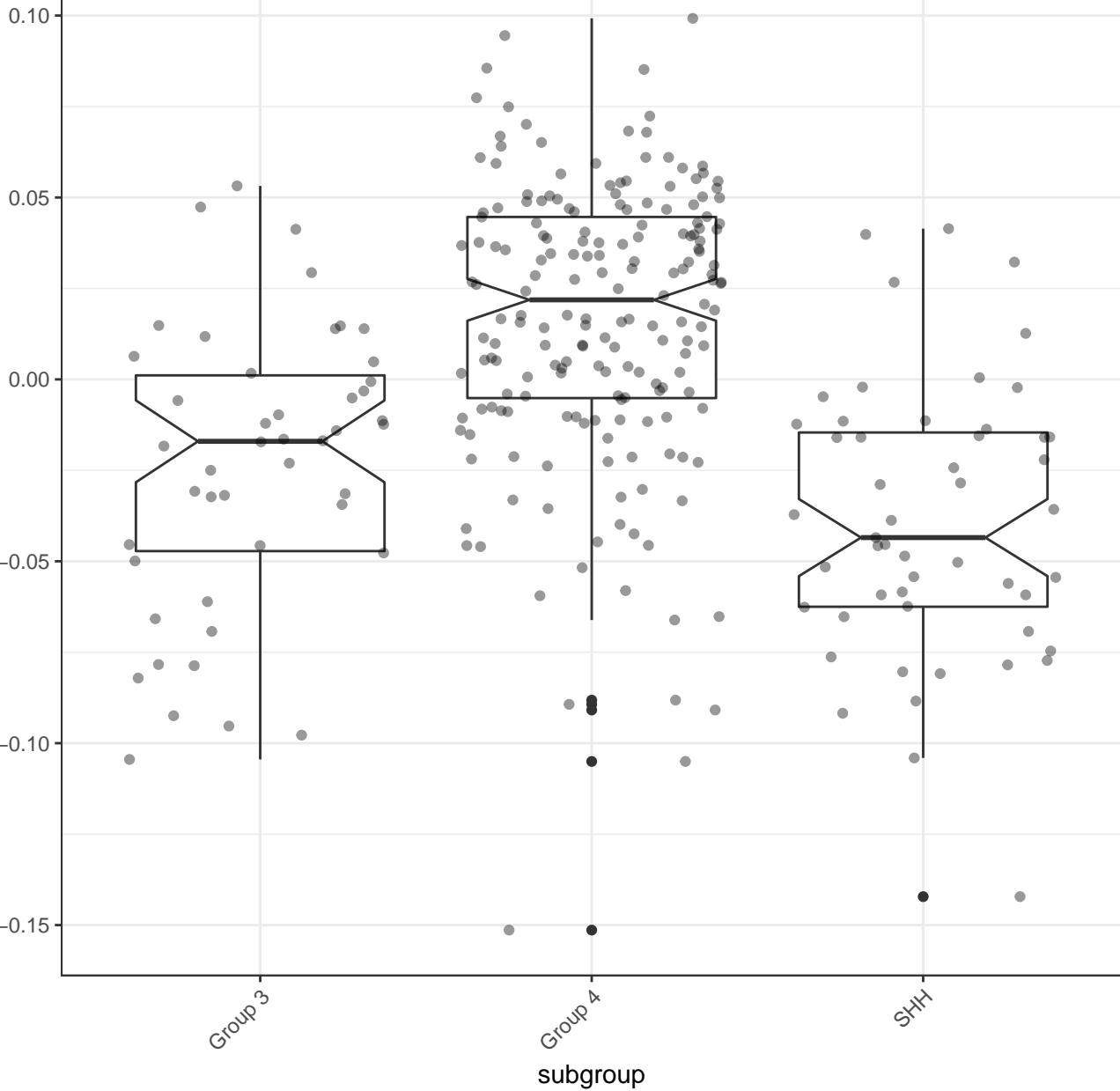
541,REACTOME_G1_PHASE

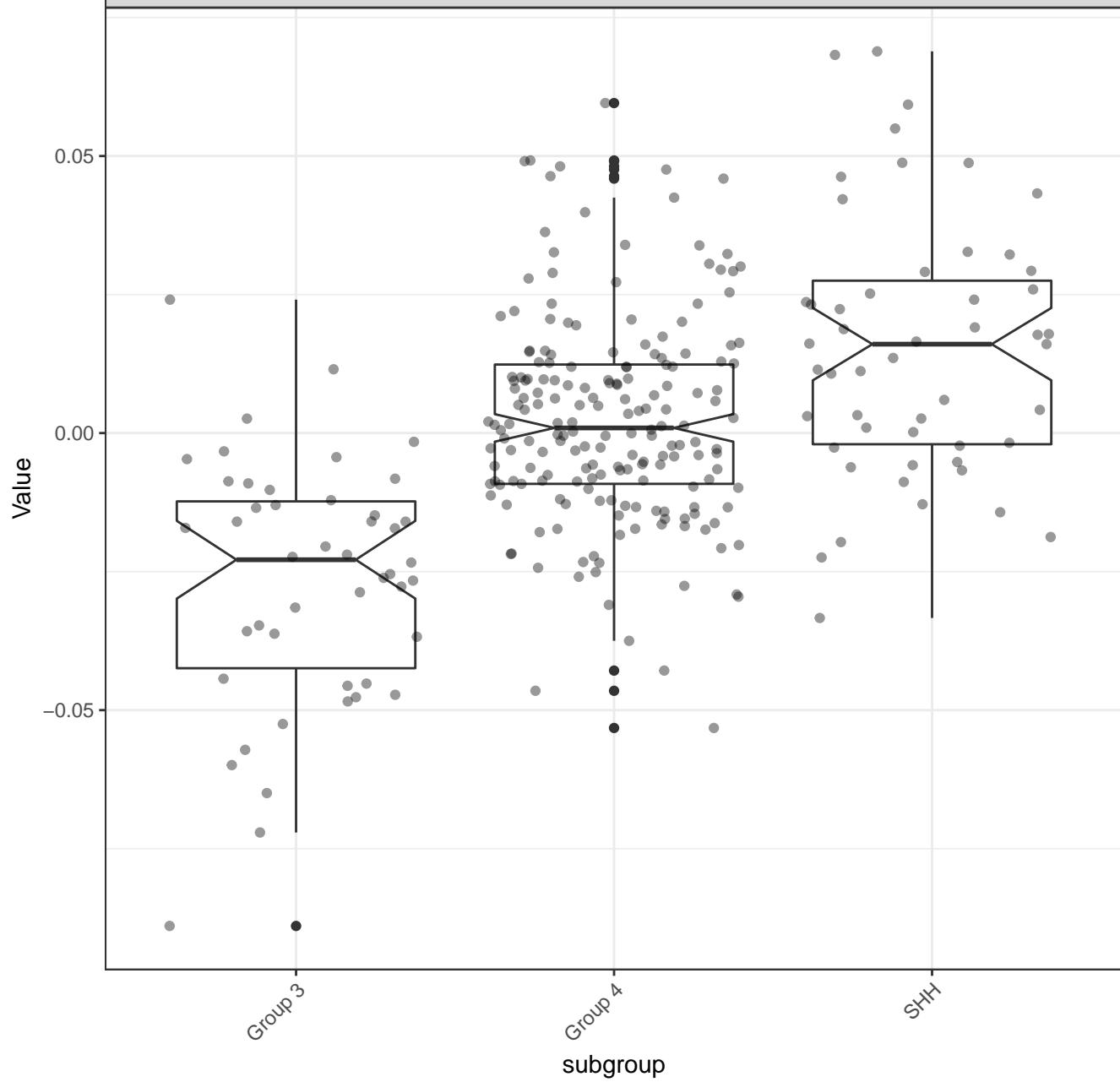




LV 543

Value





LV 545

Value

0.05

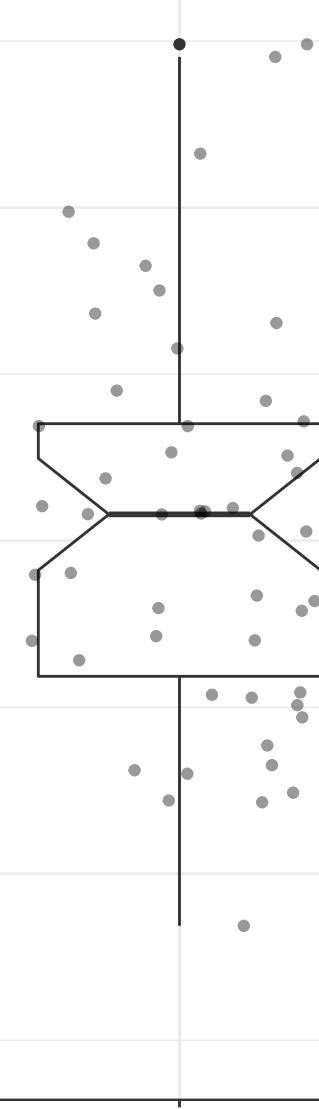
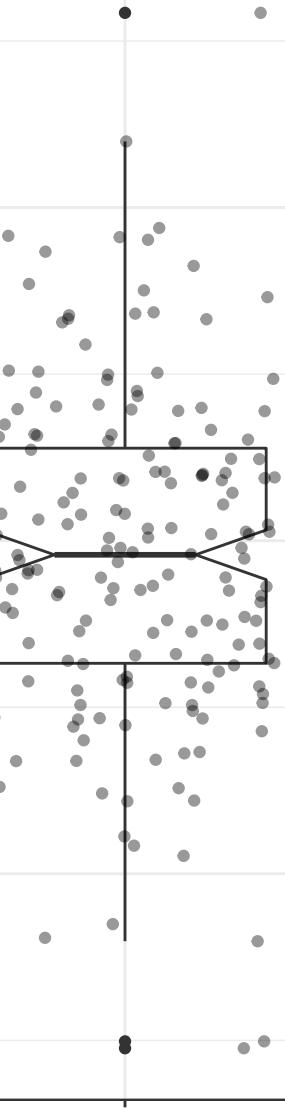
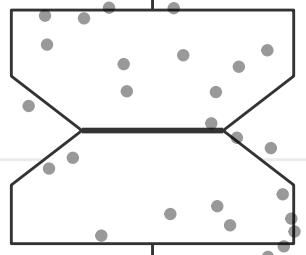
0.00

-0.05

Group 3

subgroup

SHH



LV 546

Value

0.3

0.2

0.1

0.0

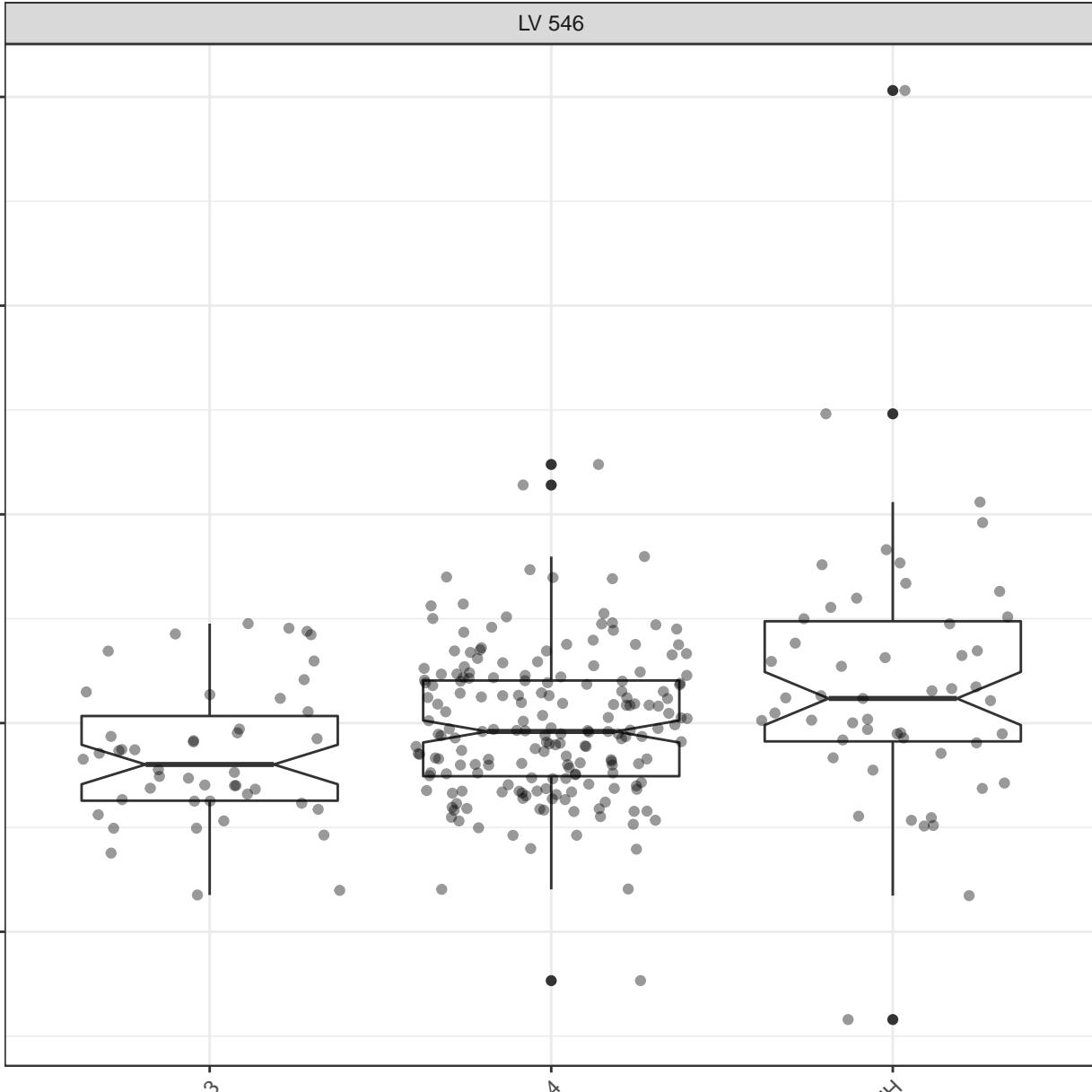
-0.1

Group 3

Group 4

SHH

subgroup



LV 547

Value

0.05

0.00

-0.05

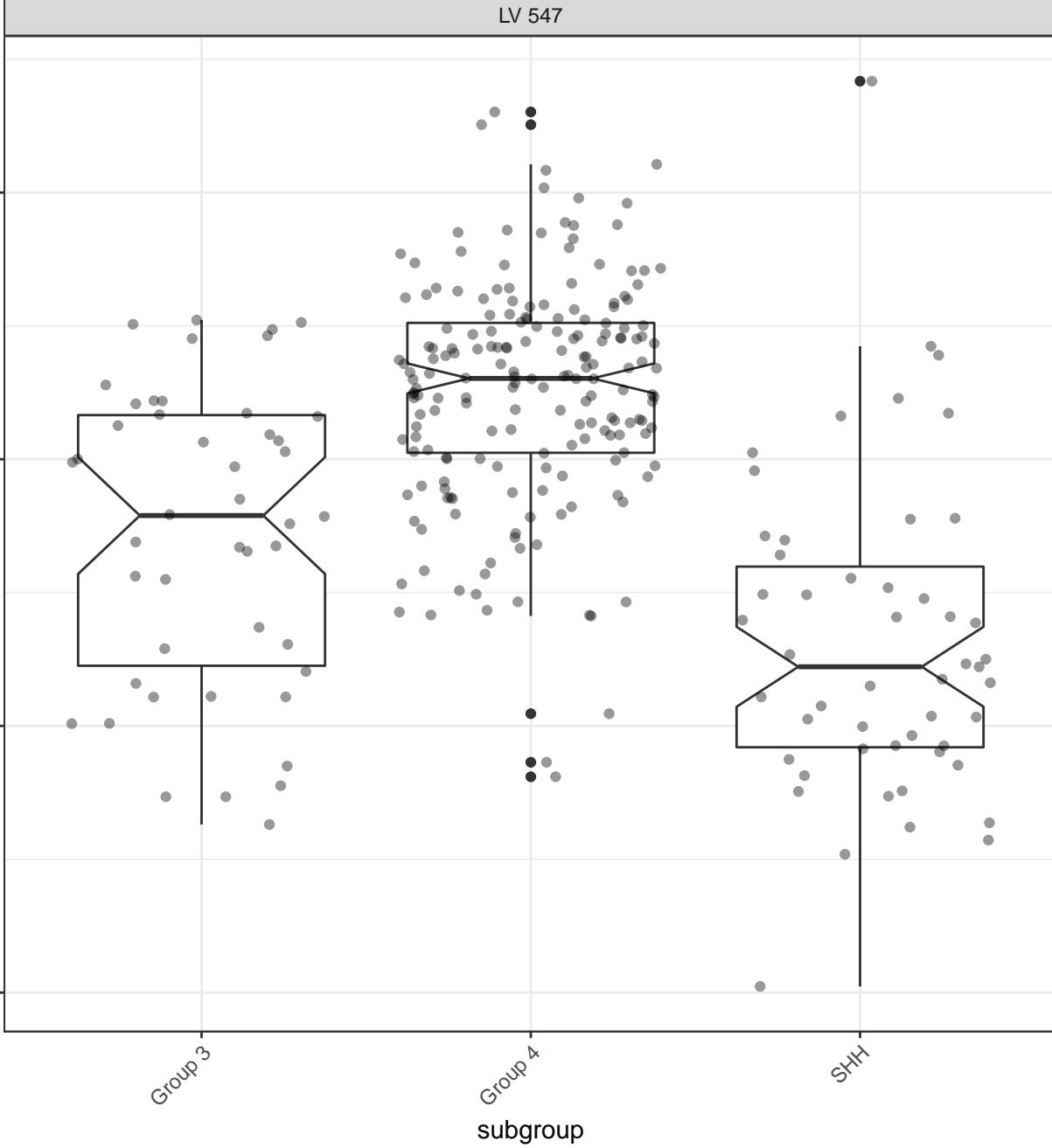
-0.10

Group 3

Group 4

SHH

subgroup



LV 548

Value

0.10

0.05

0.00

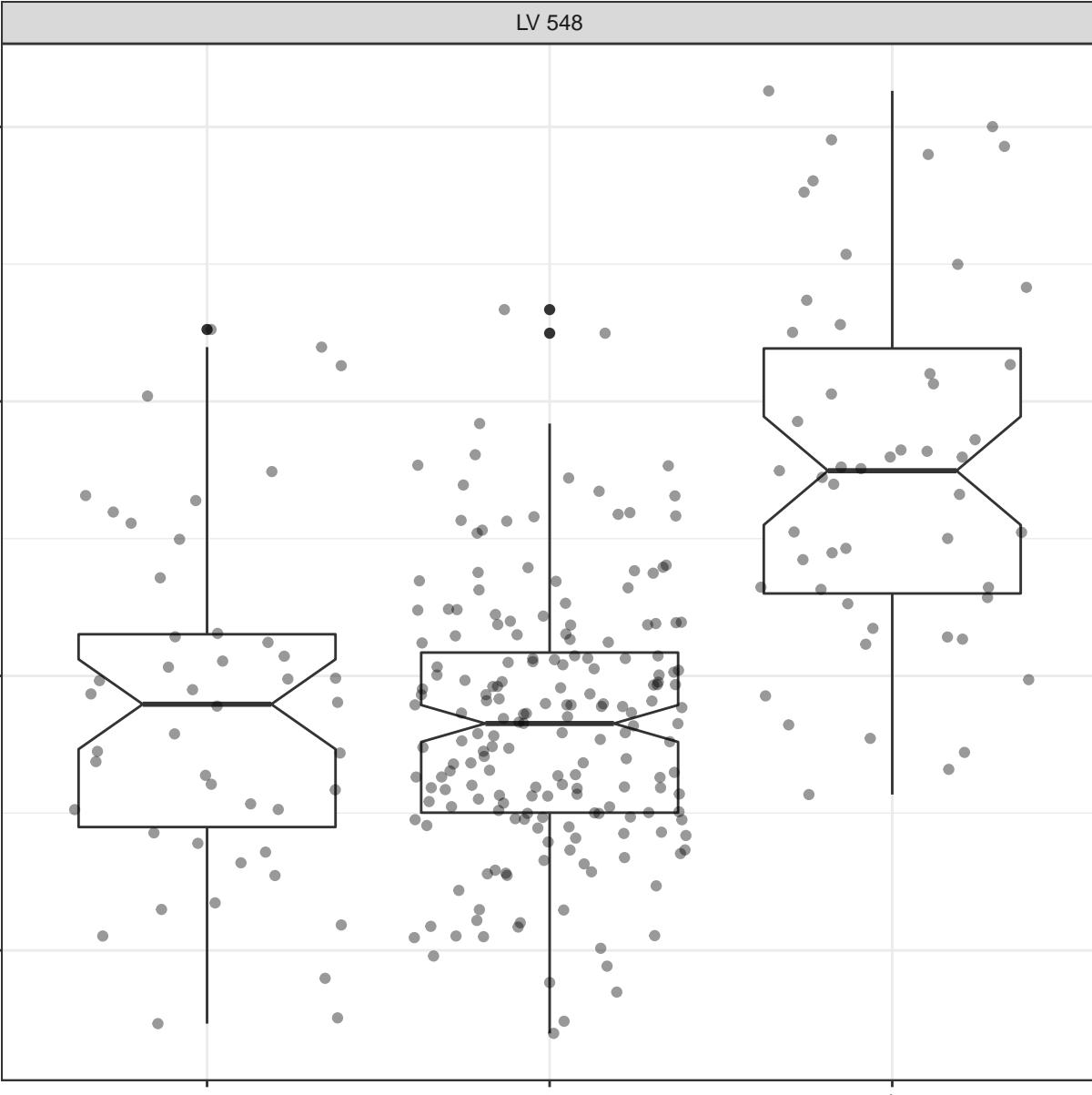
-0.05

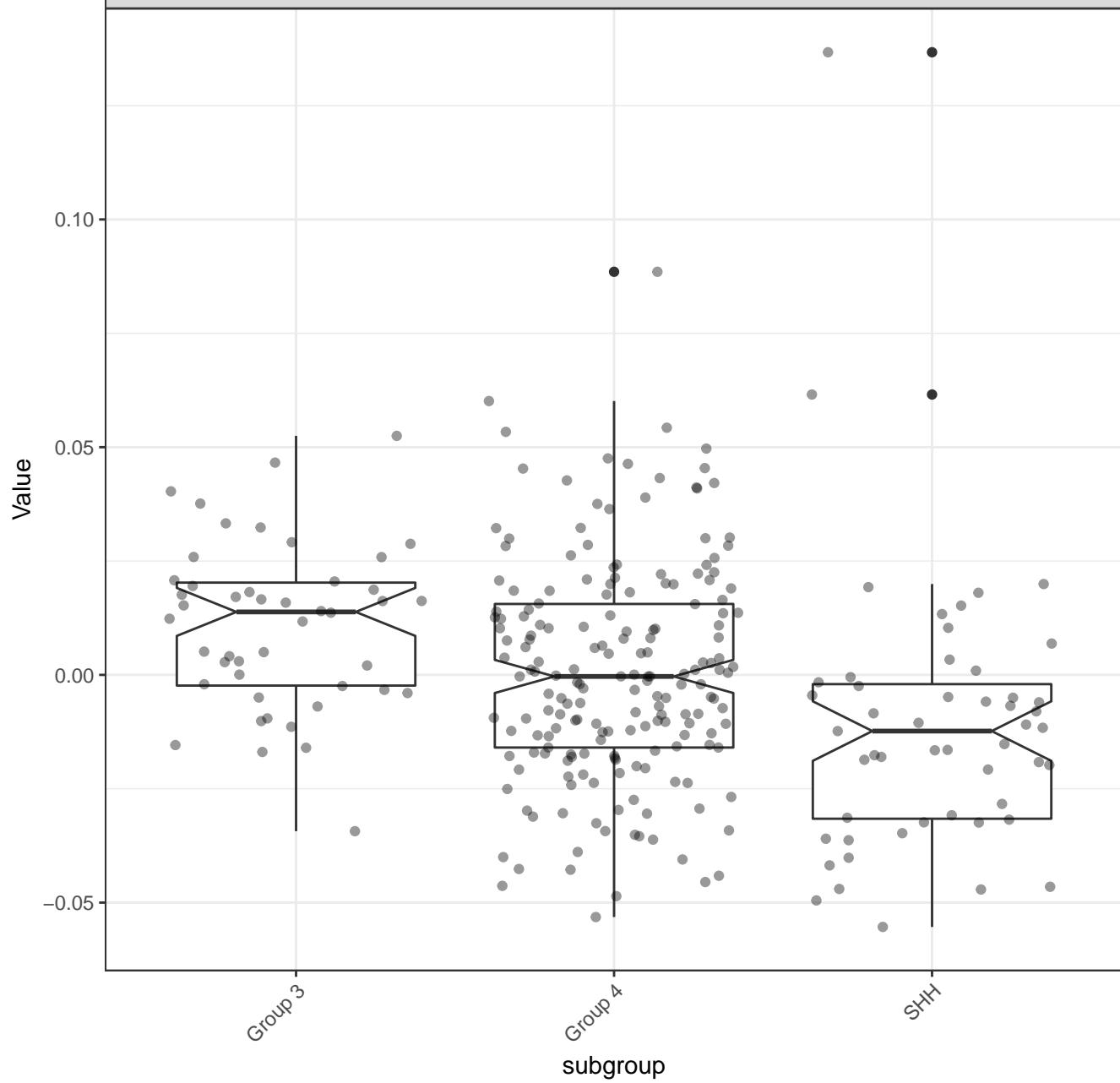
Group 3

subgroup

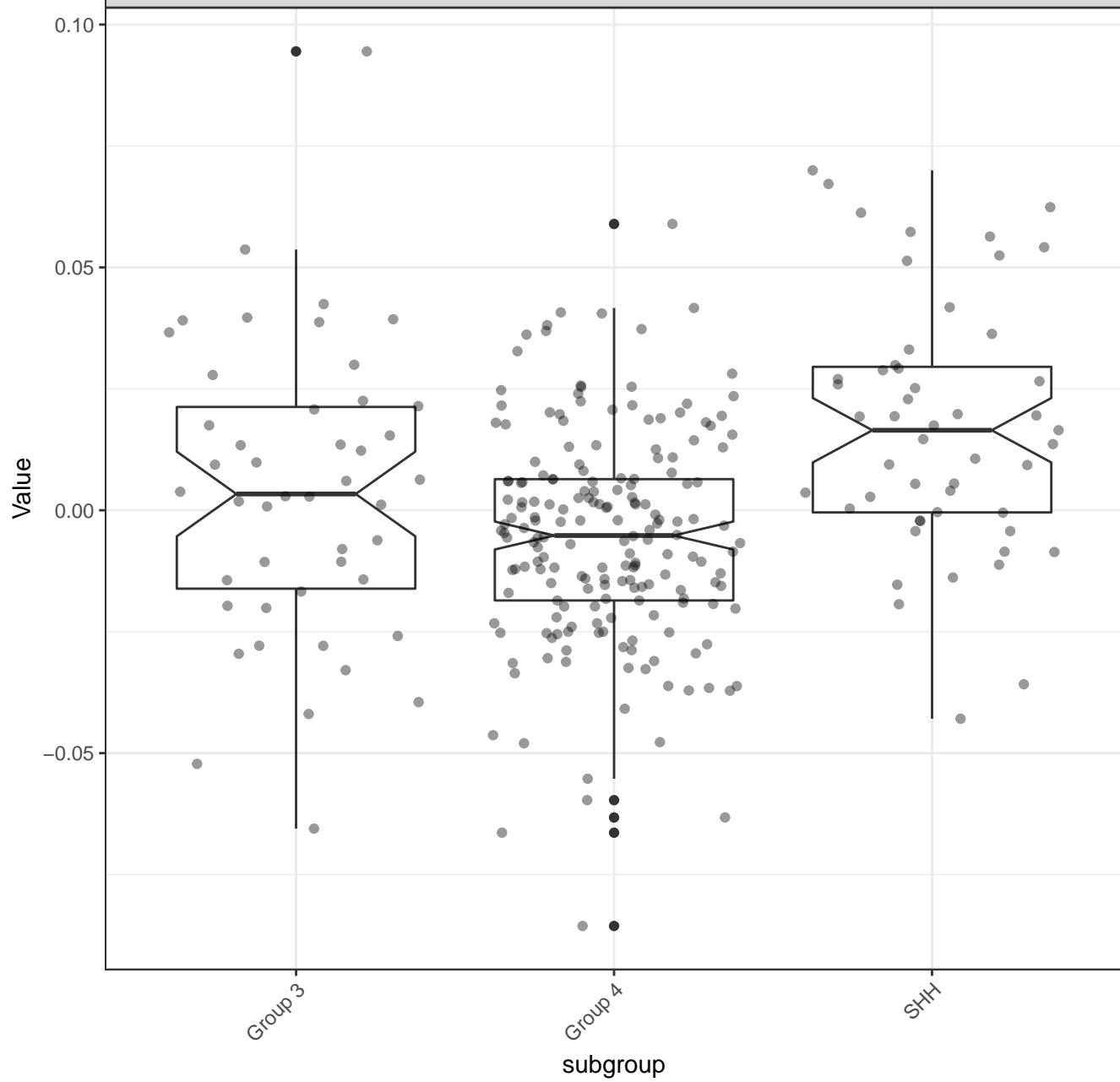
Group 4

SHH

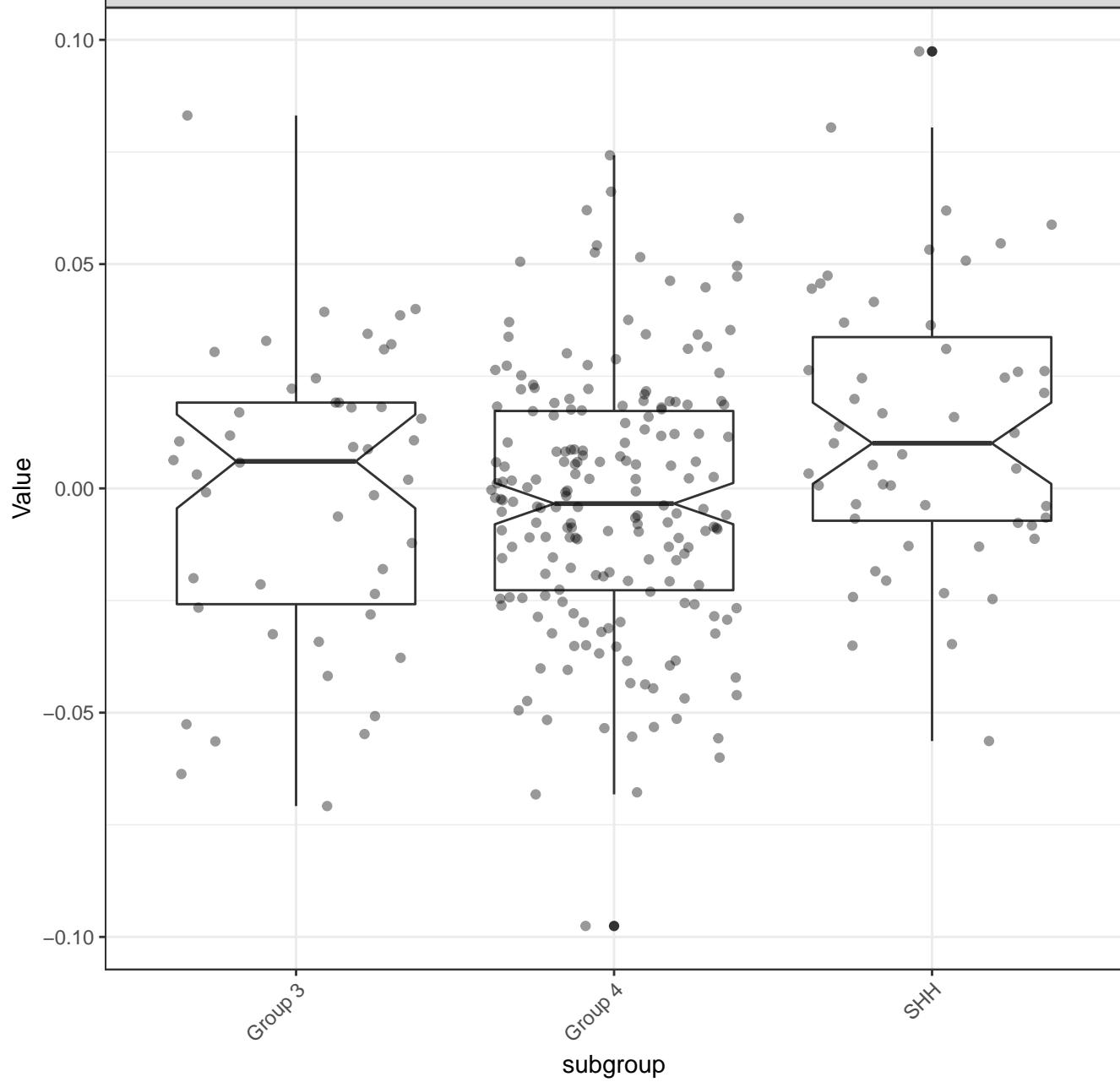




LV 550



LV 551



LV 552

Value

0.05

0.00

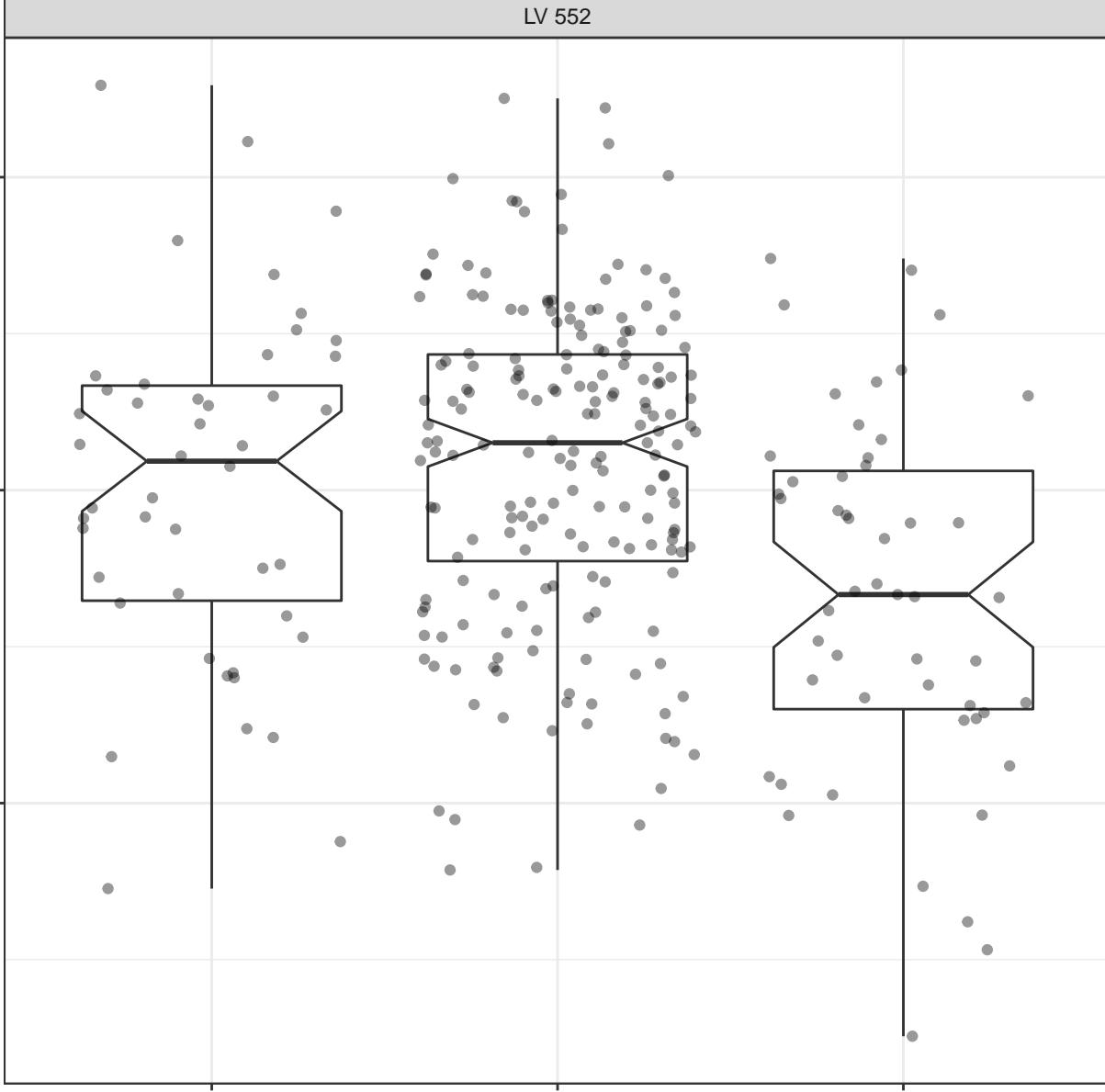
-0.05

Group 3

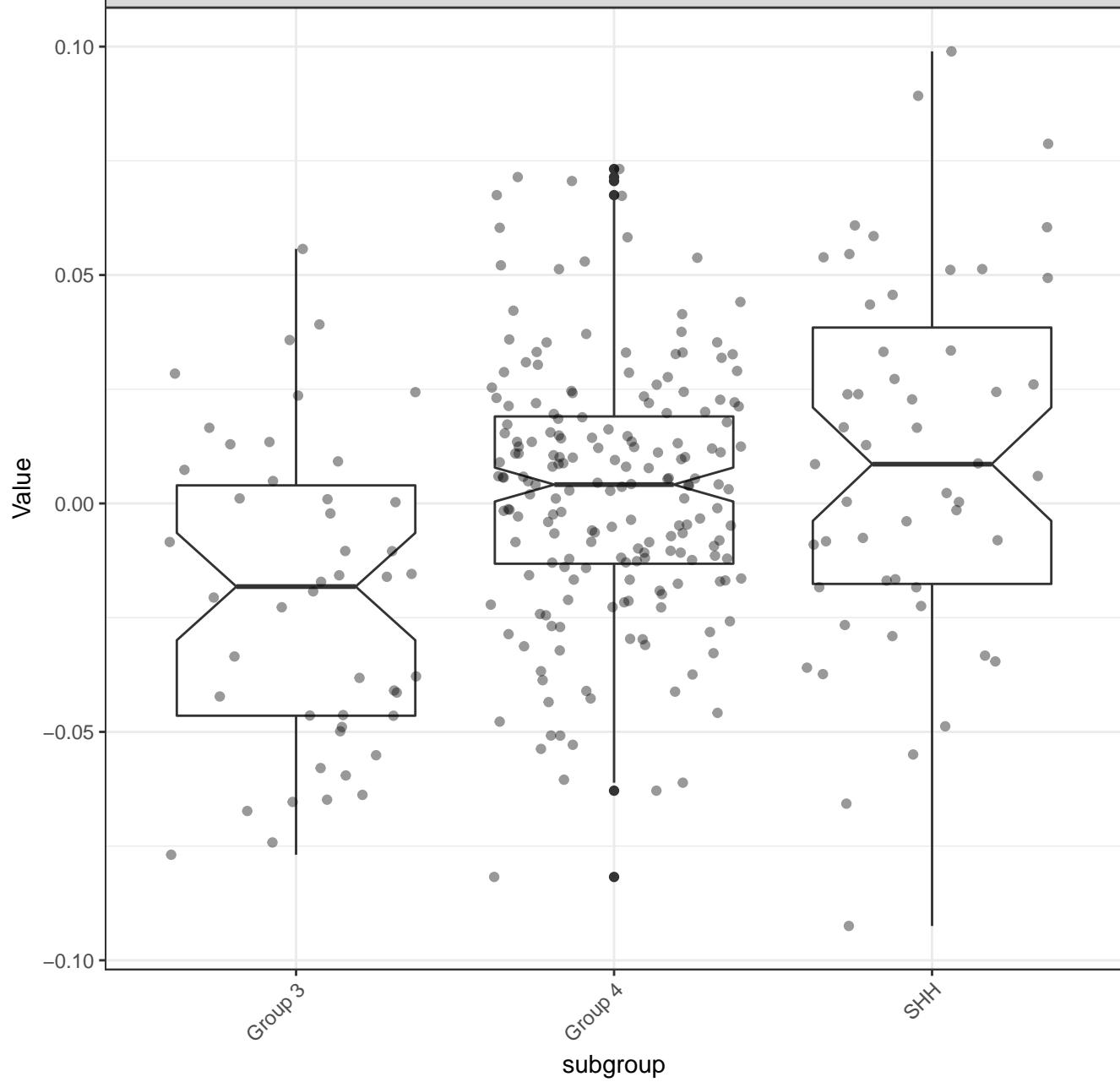
Group 4

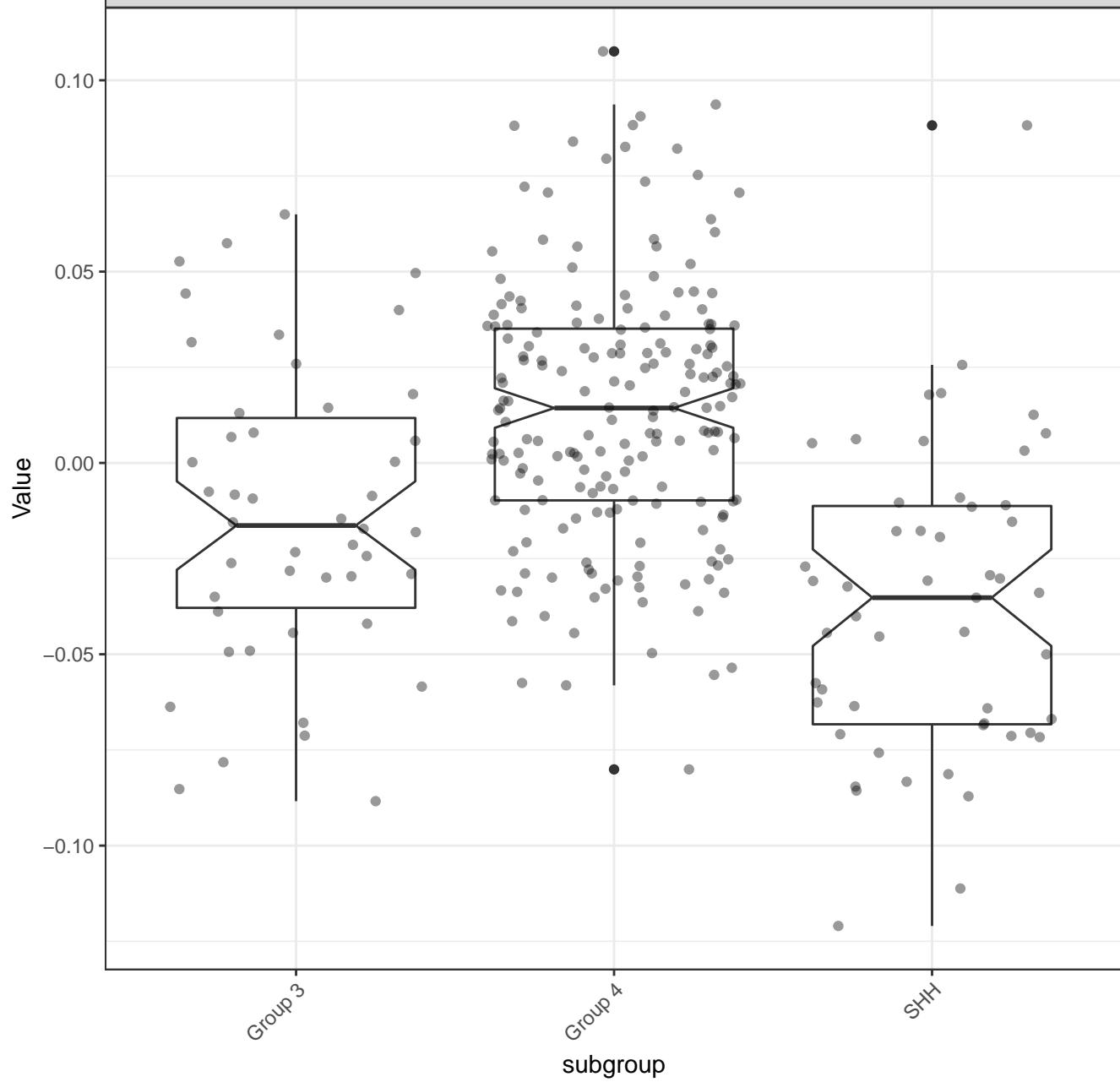
SHH

subgroup

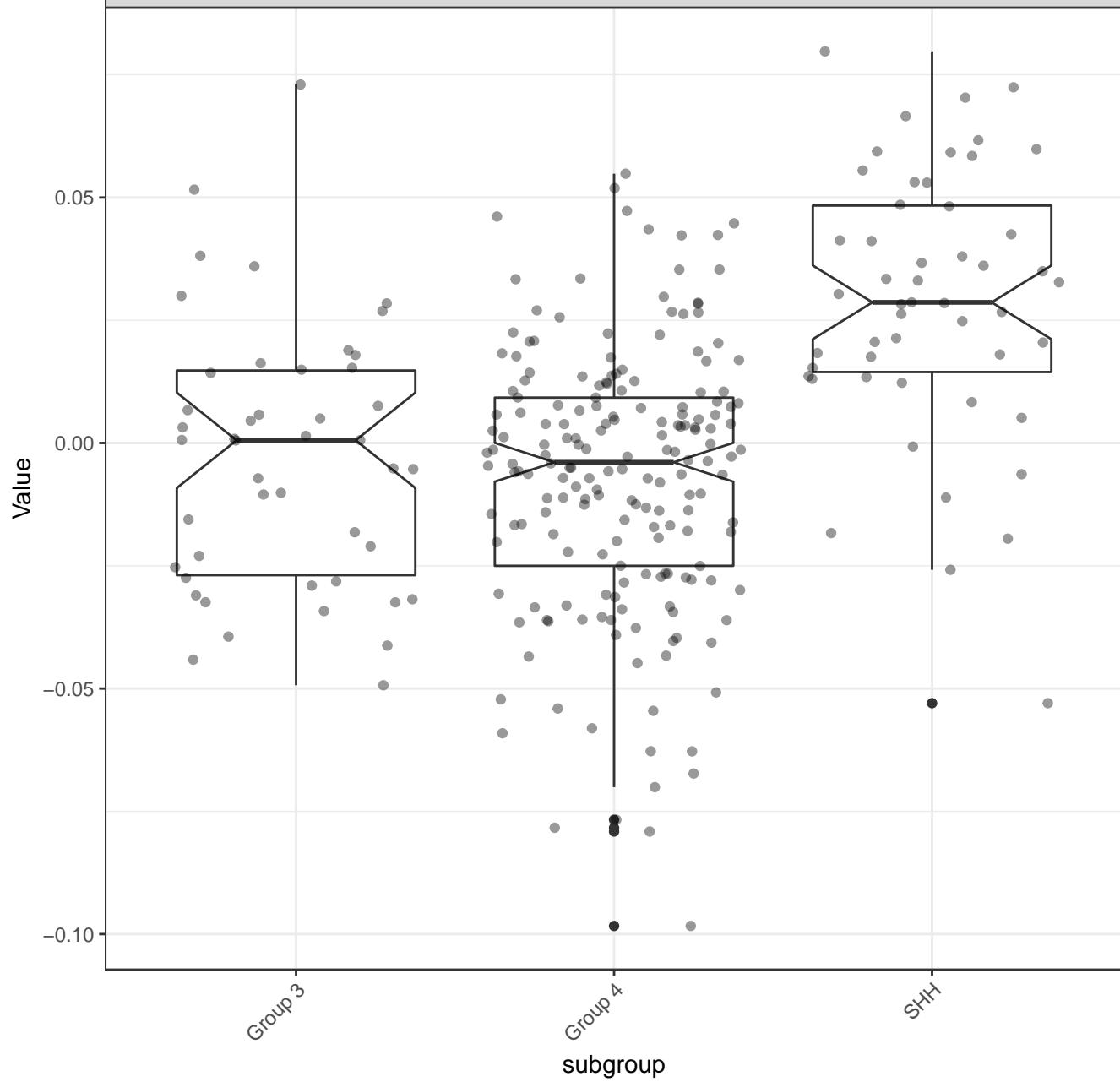


LV 553





LV 555



LV 556

Value

0.10

0.05

0.00

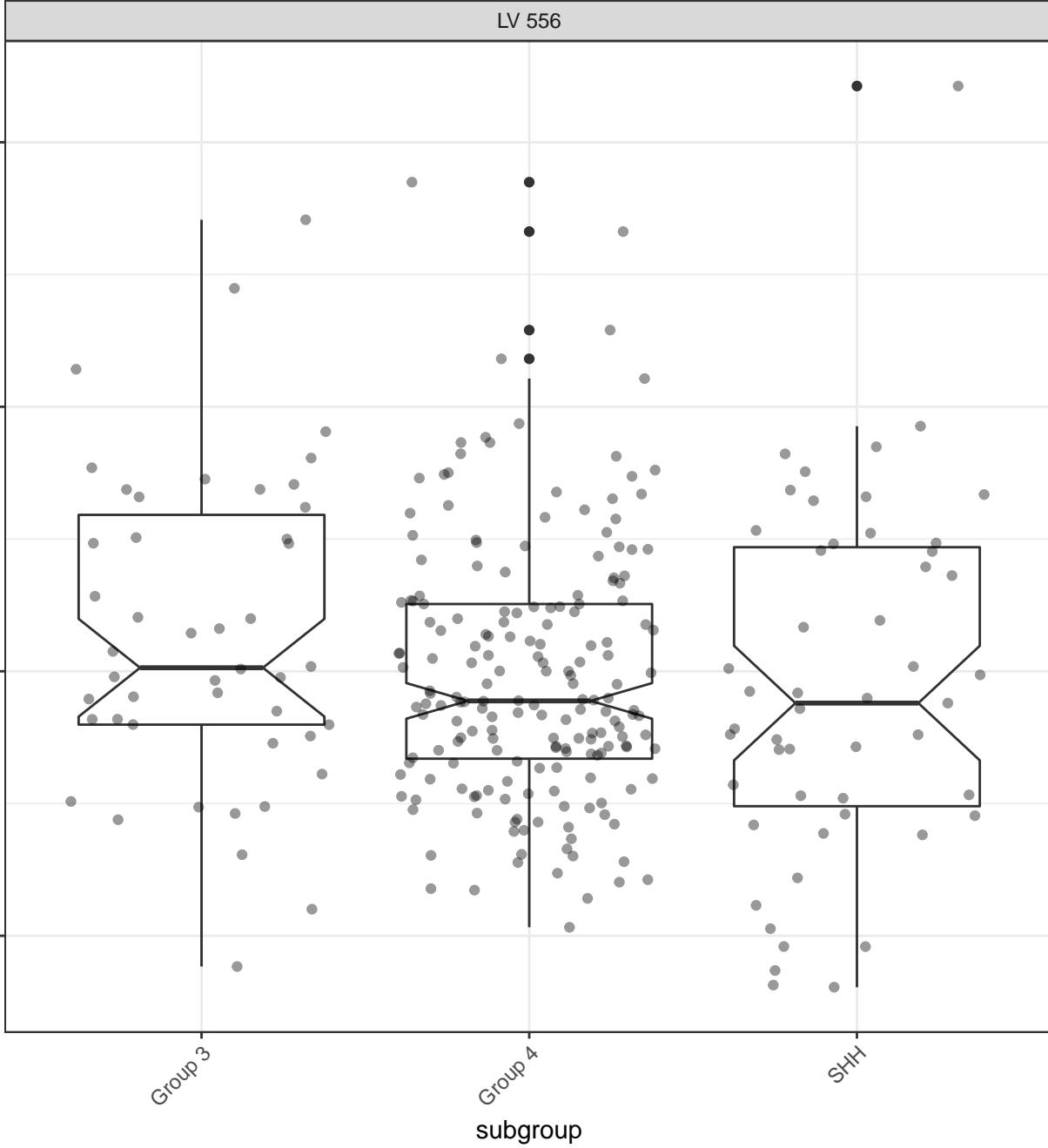
-0.05

Group 3

subgroup

Group 4

SHH



557,SVM Dendritic cells resting

Value

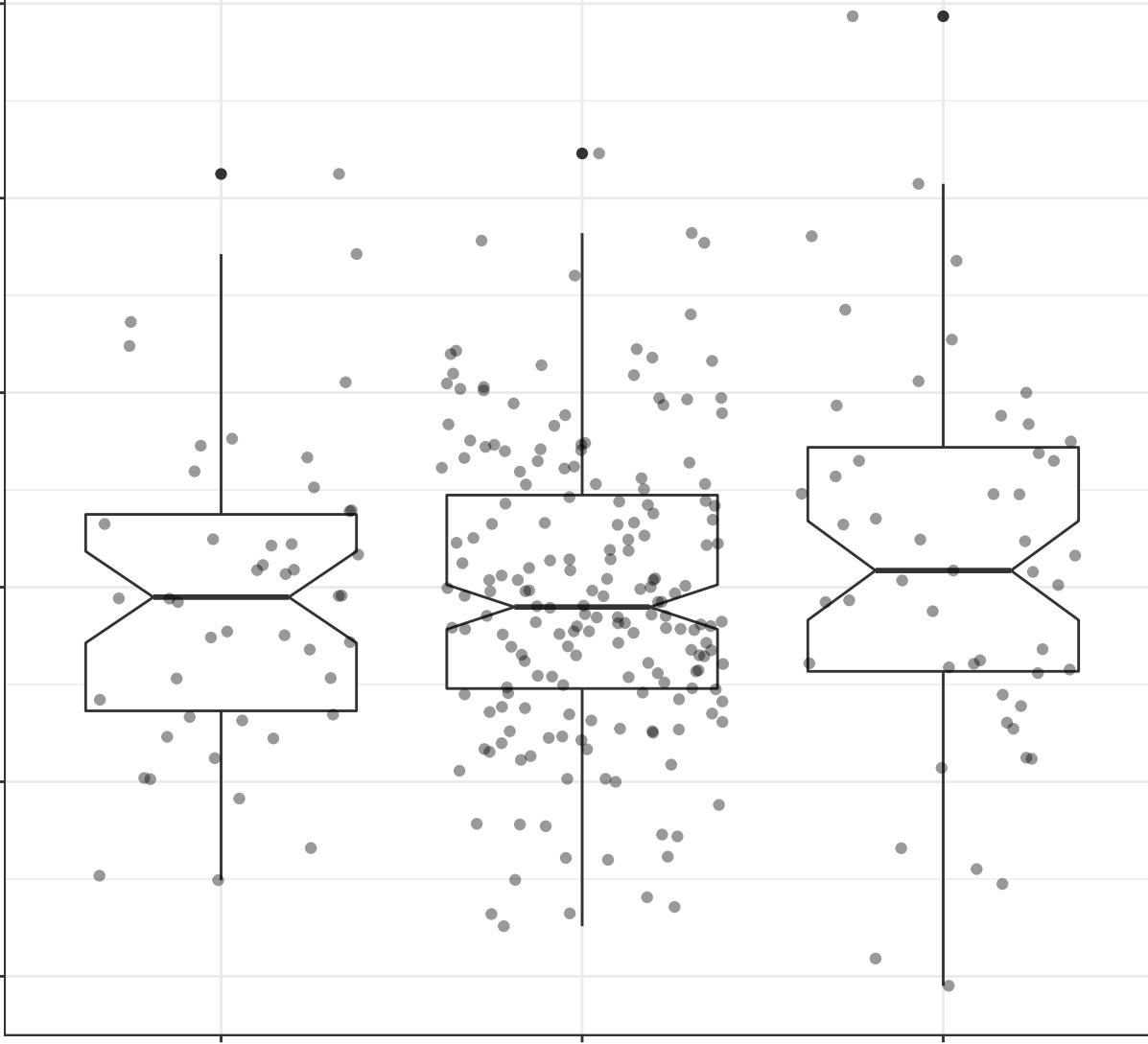
0.15
0.10
0.05
0.00
-0.05
-0.10

Group 3

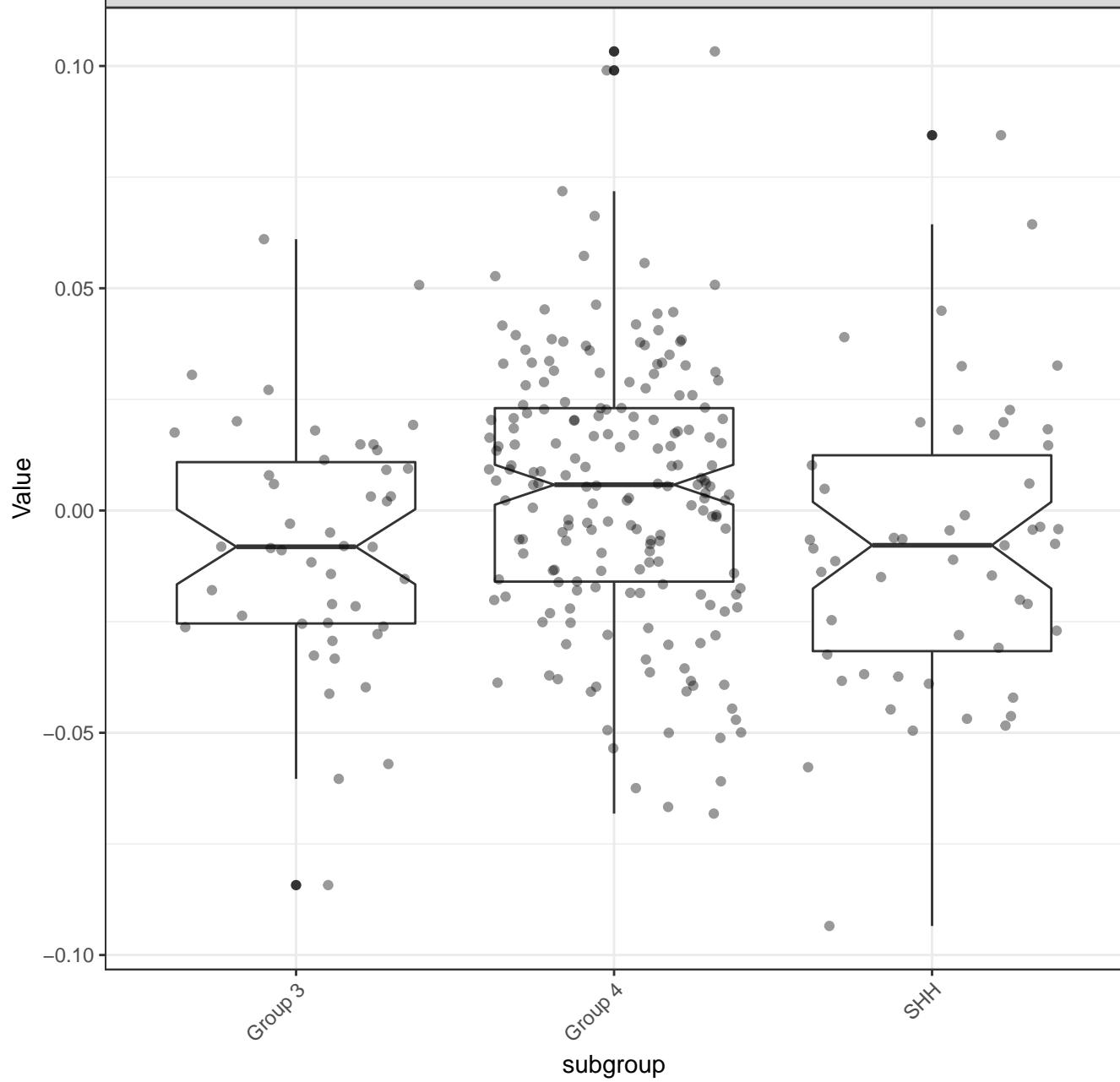
Group 4

SHH

subgroup



LV 558



LV 559

Value

0.10

0.05

0.00

-0.05

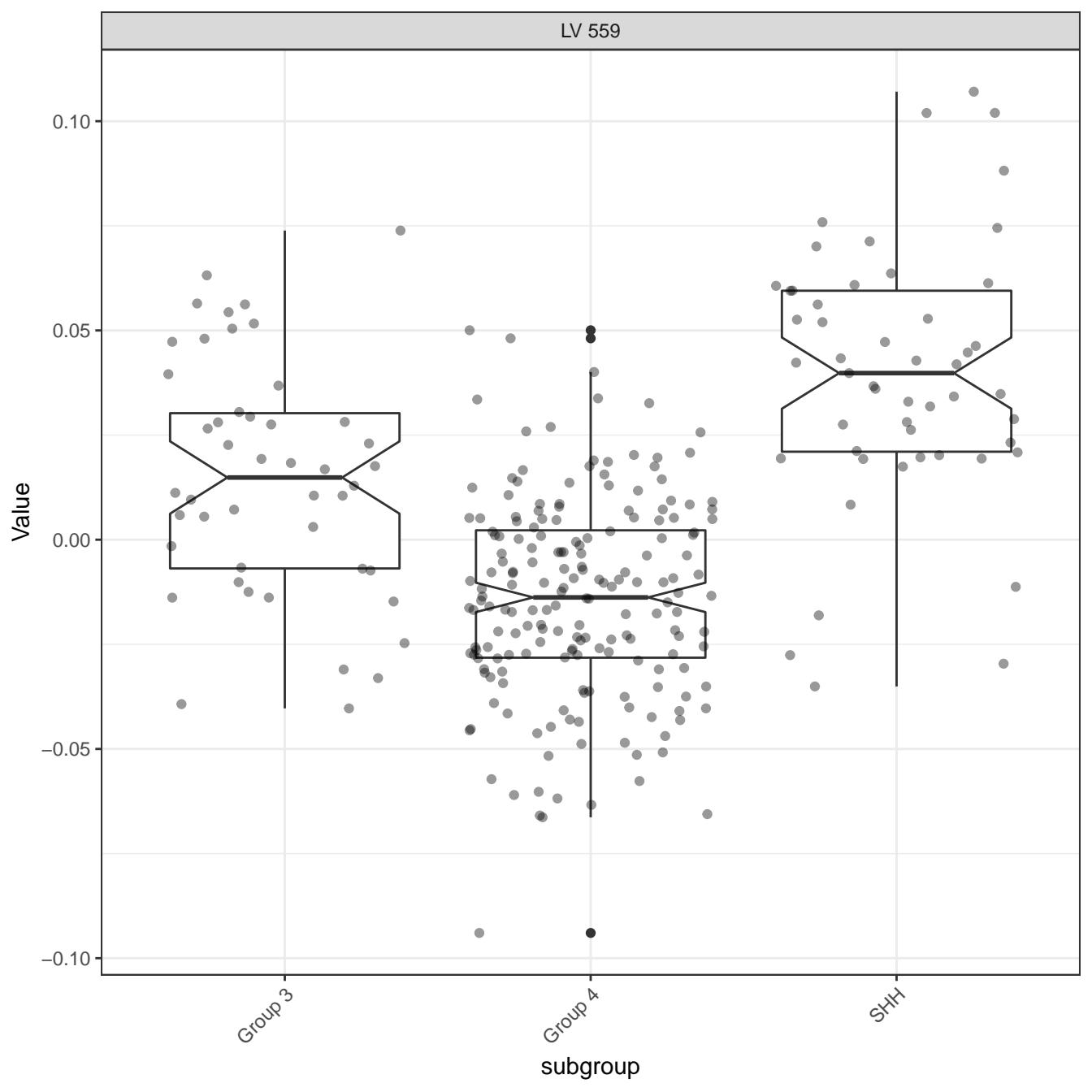
-0.10

Group 3

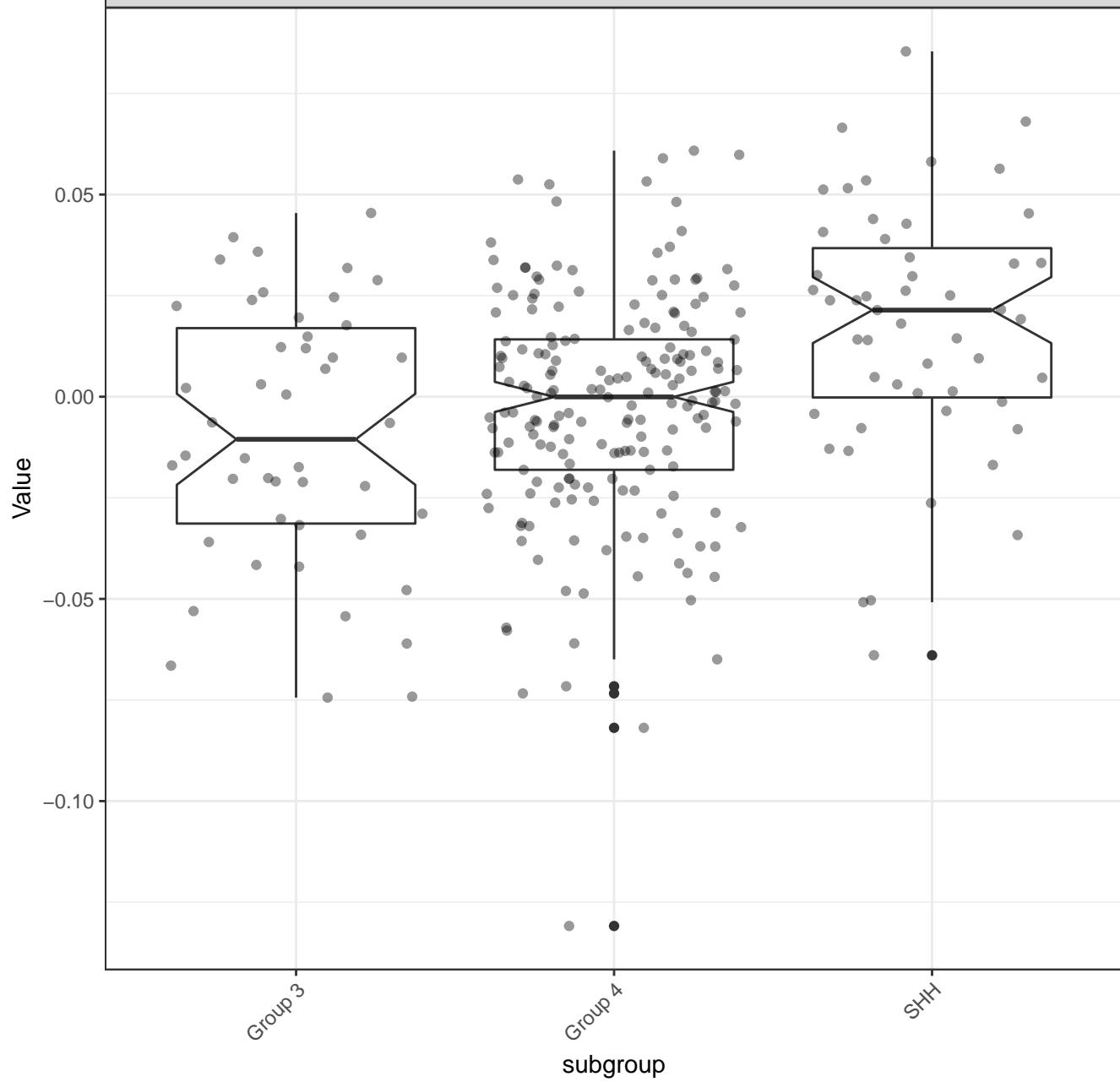
subgroup

SHH

Group 4



LV 560



LV 561

Value

0.10

0.05

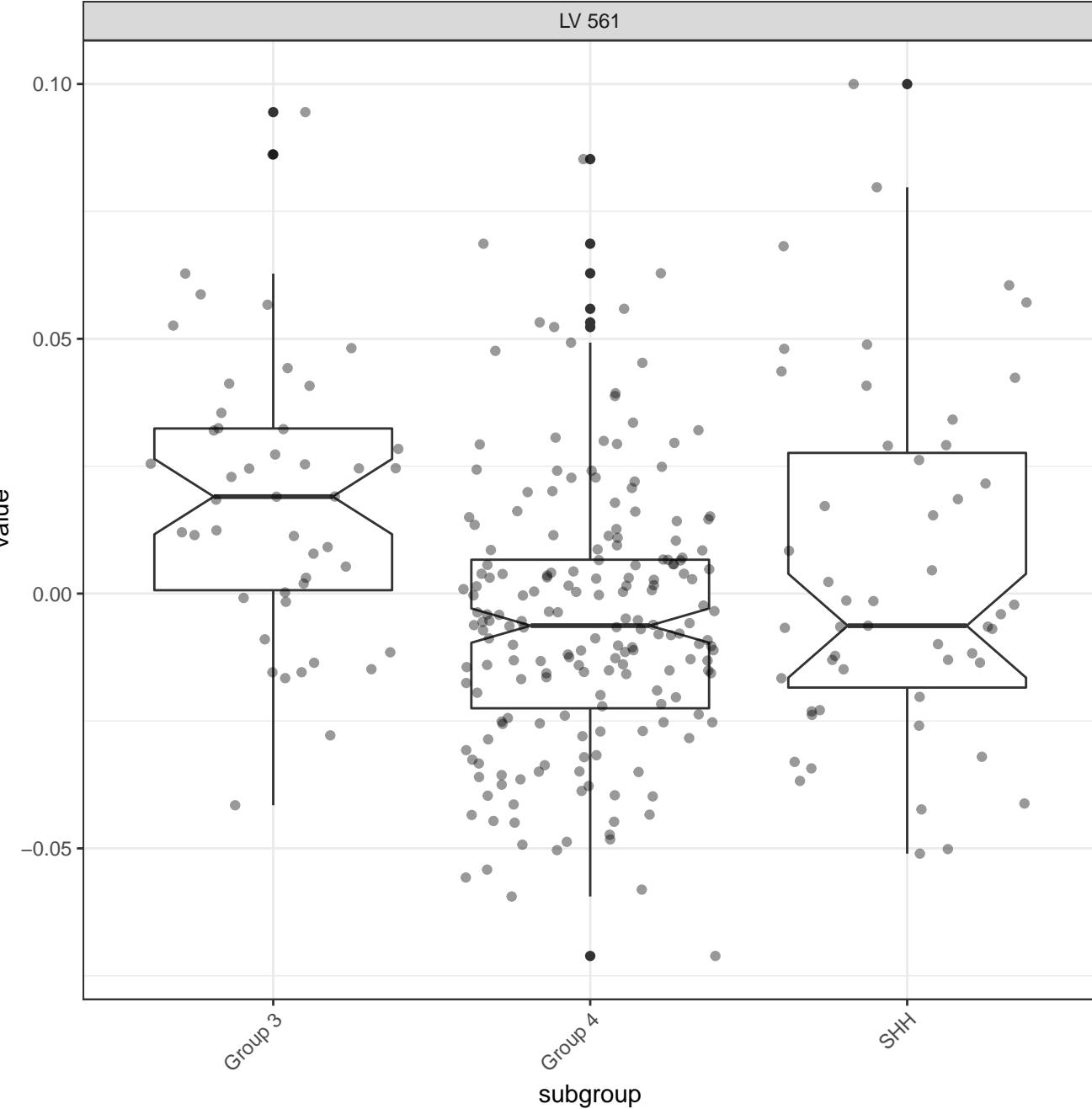
0.00

-0.05

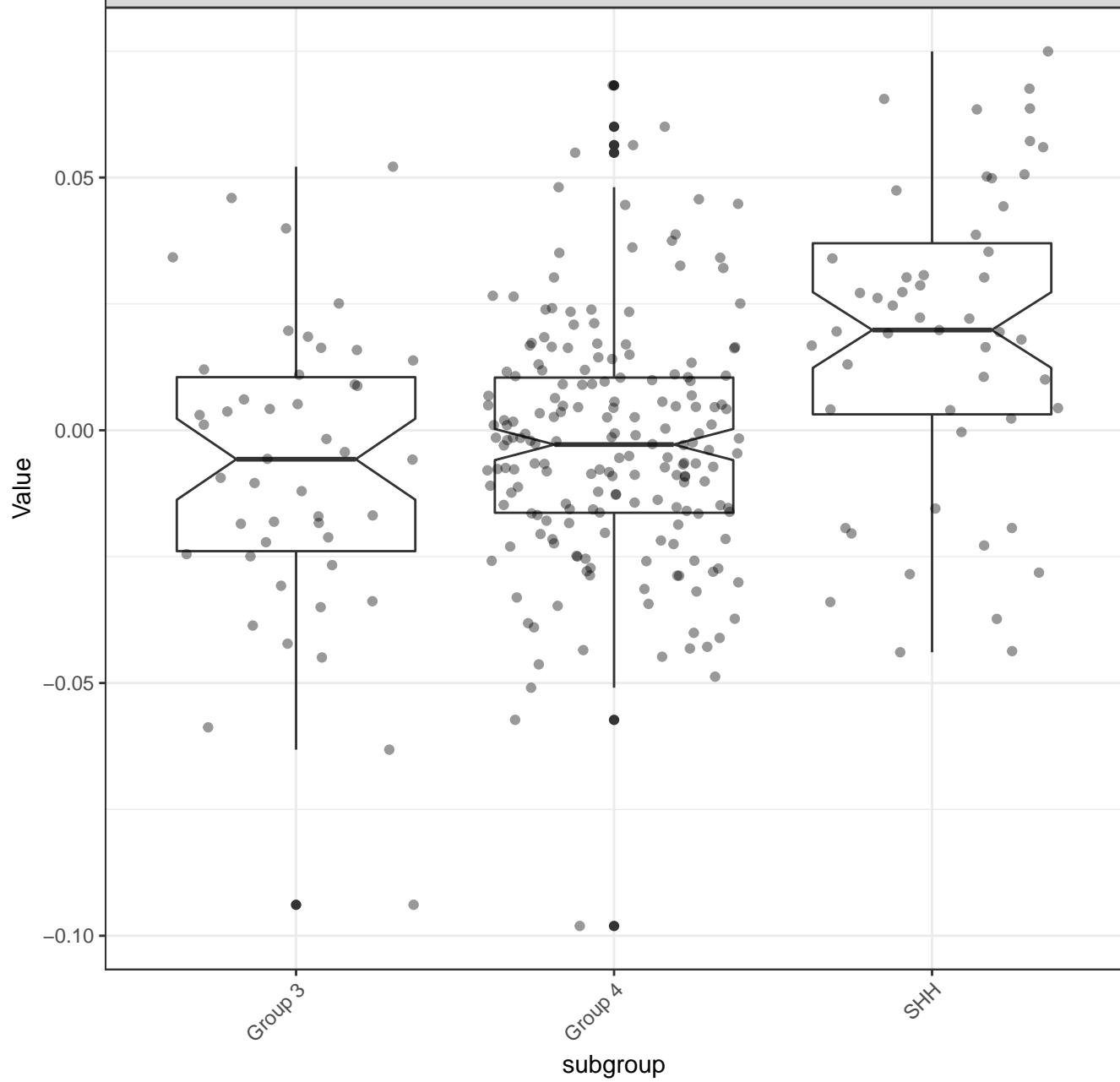
Group 3

subgroup

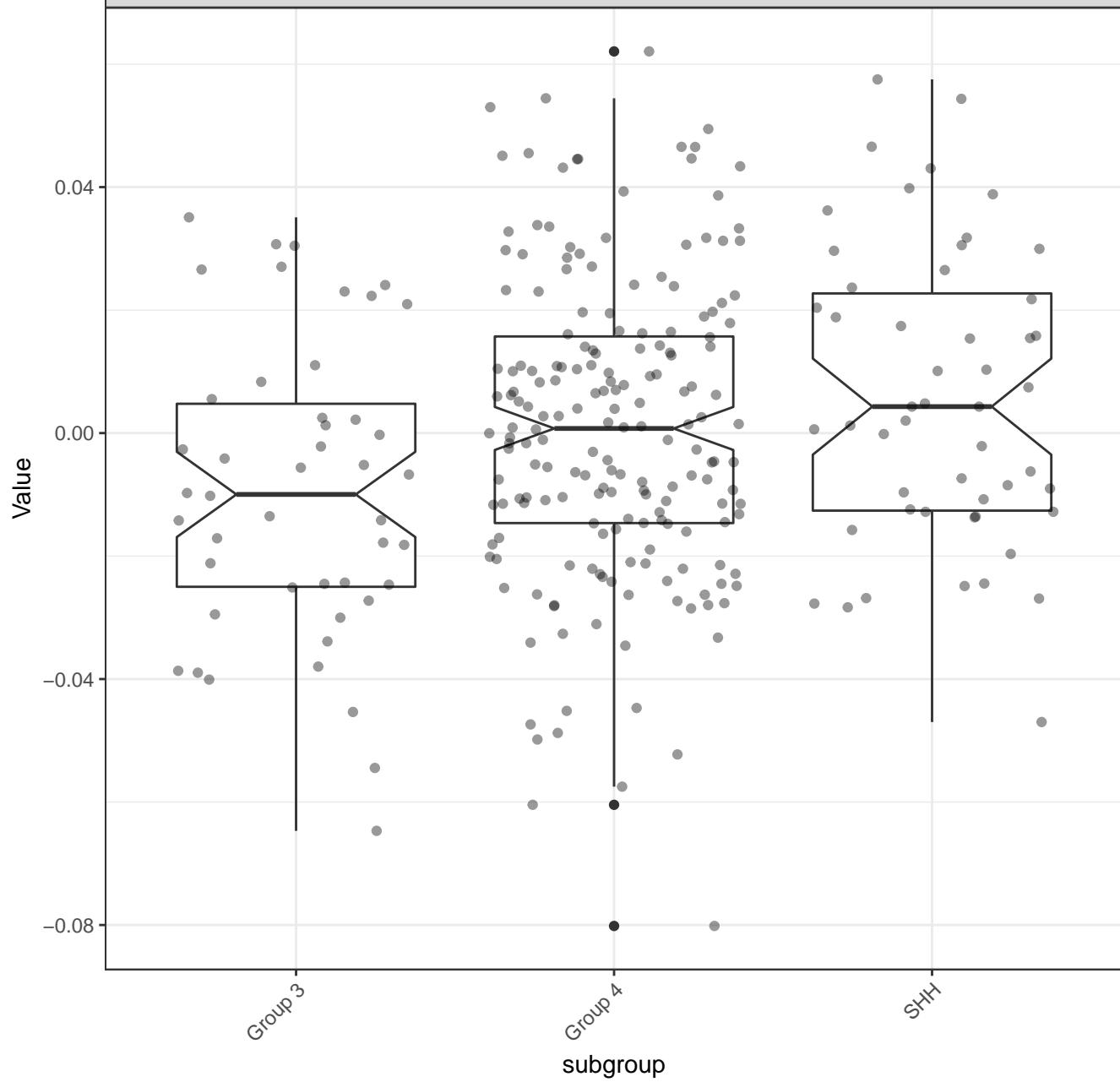
SHH



LV 562



LV 563



LV 564

Value

0.2

0.1

0.0

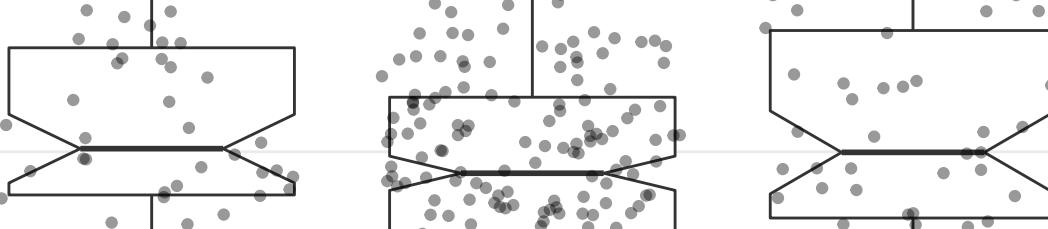
-0.1

Group 3

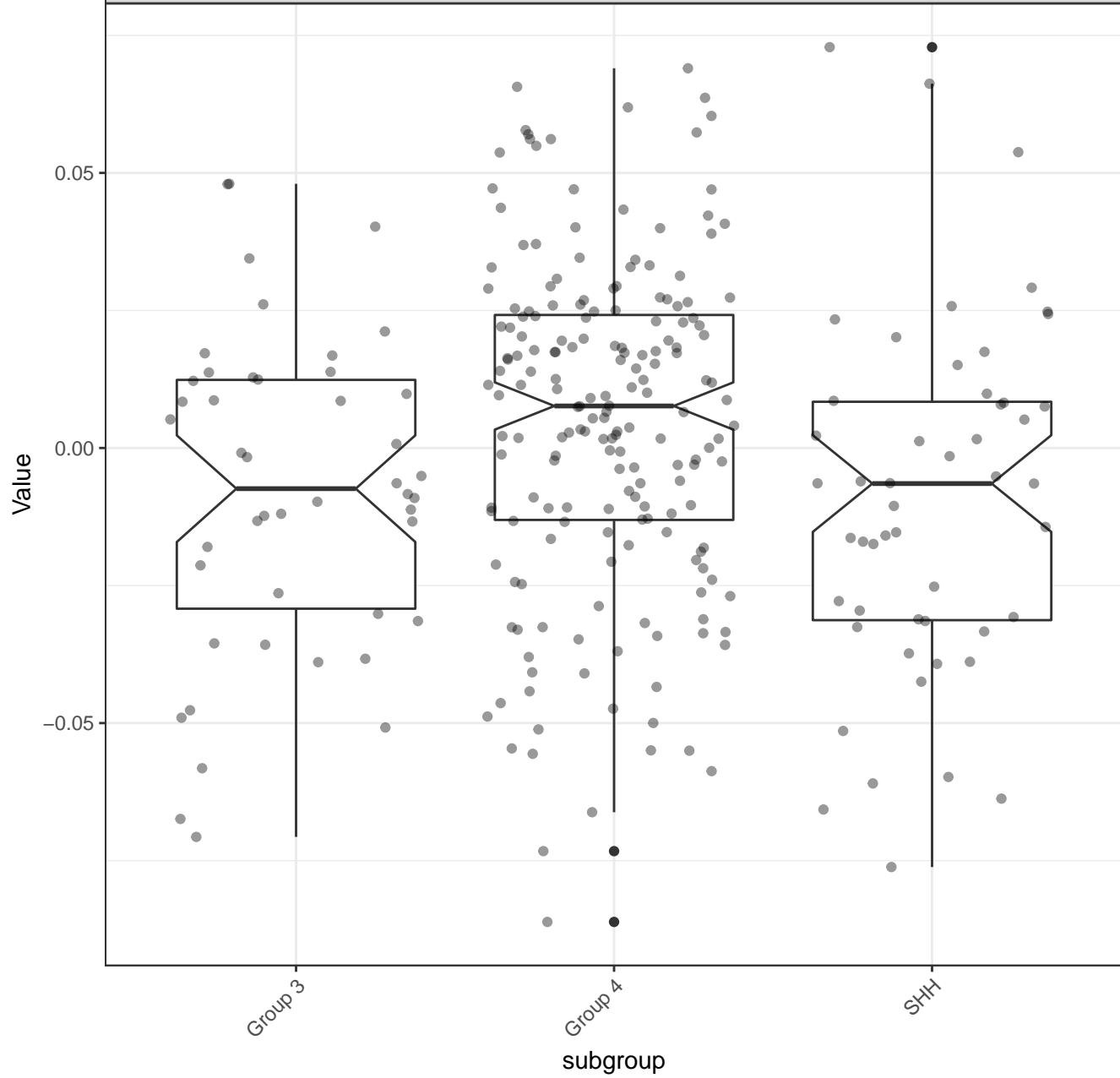
Group 4

SHH

subgroup



LV 565



Value

0.05

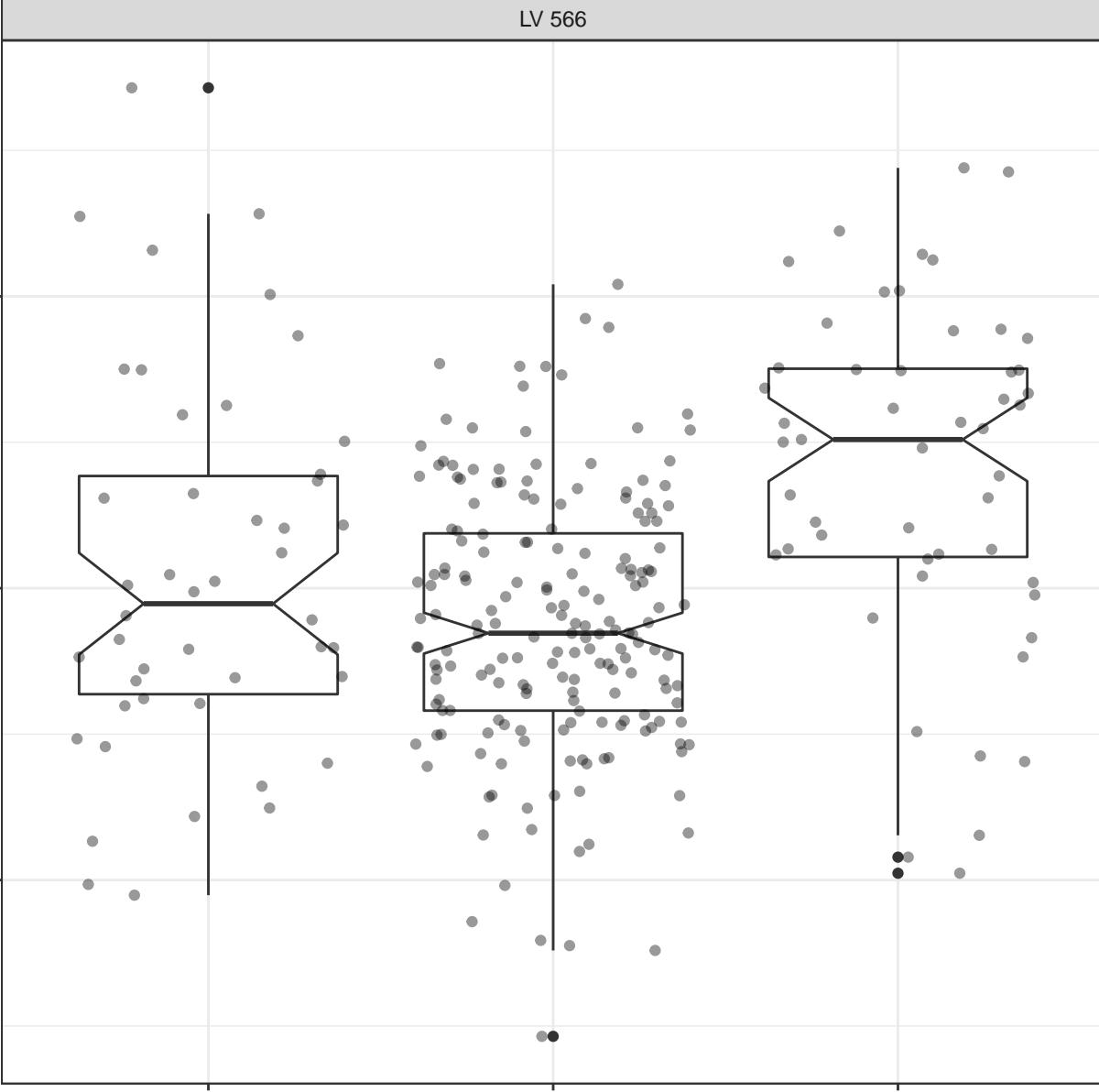
0.00

-0.05

Group 3

subgroup

SHH



LV 567

Value

0.08

0.04

0.00

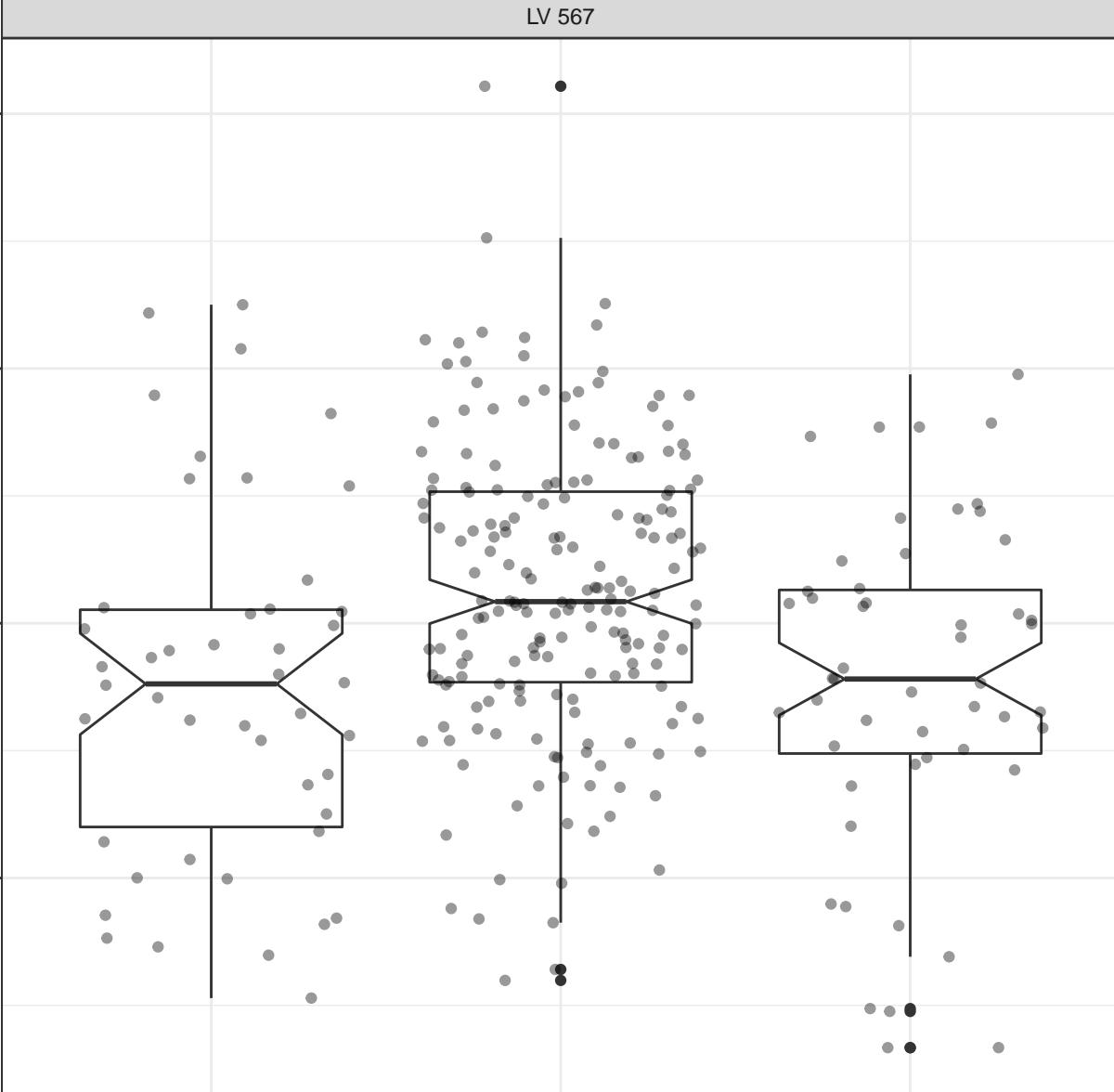
-0.04

Group 3

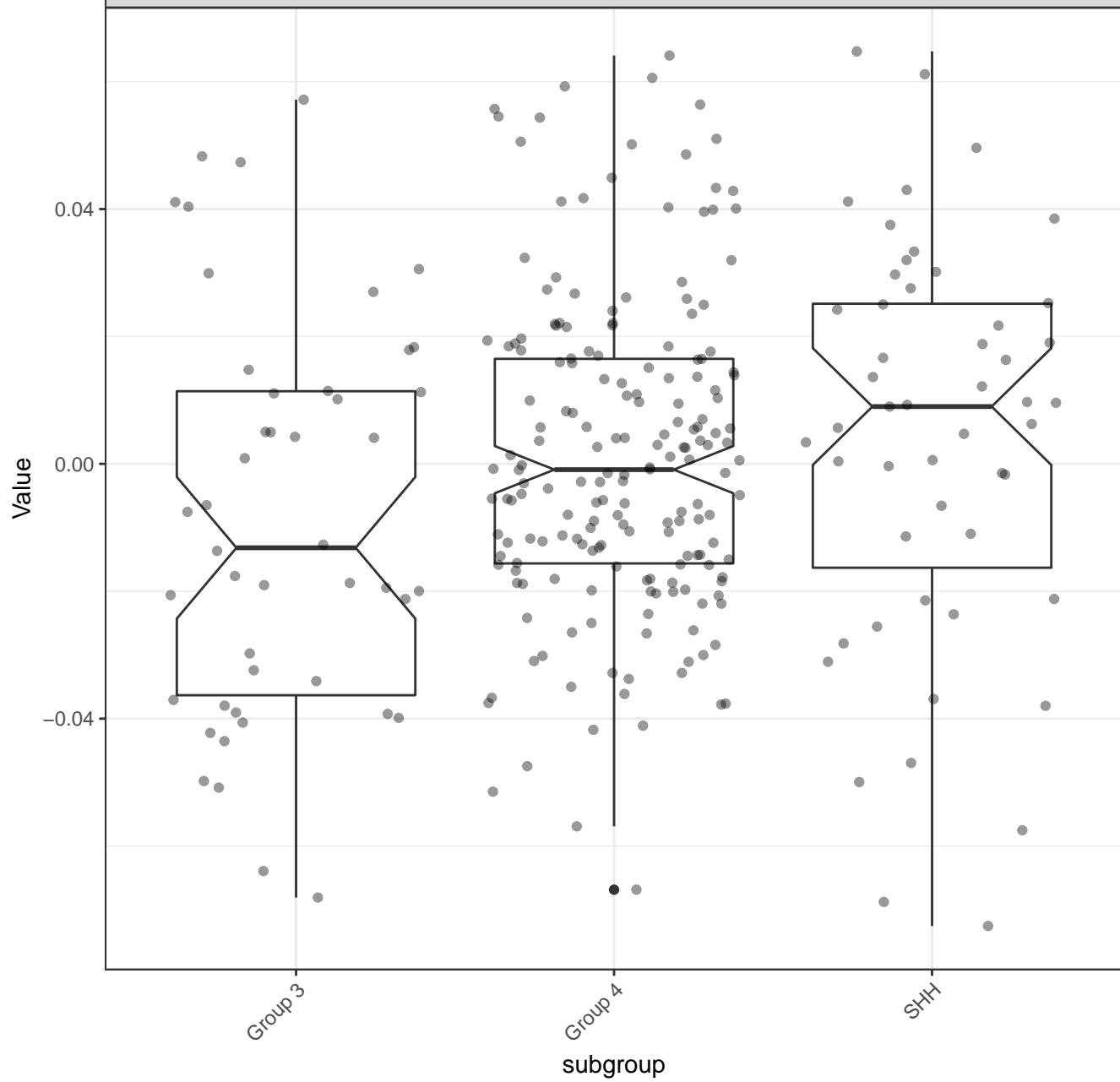
Group 4

SHH

subgroup



LV 568



Value

0.05

0.00

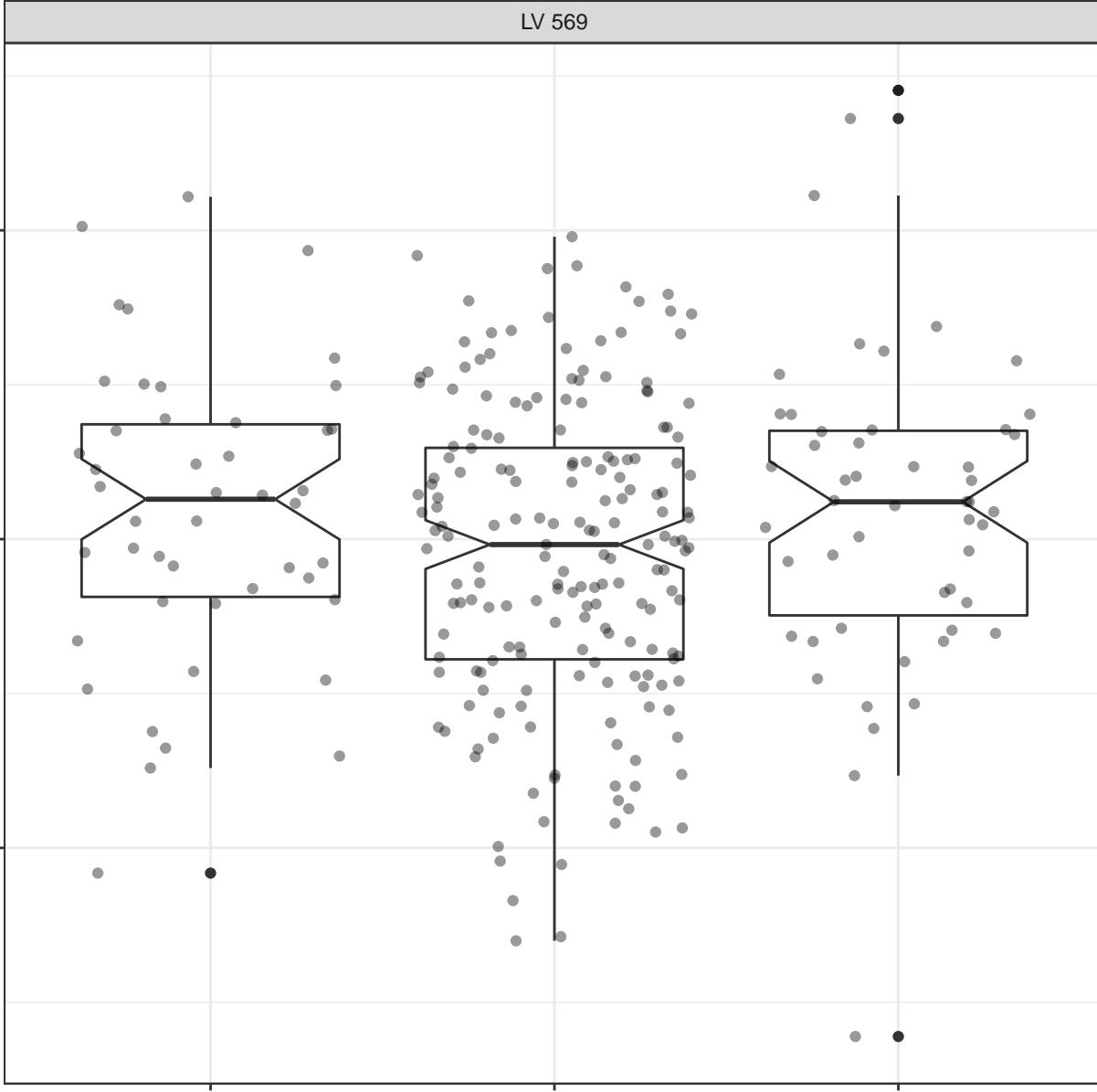
-0.05

Group 3

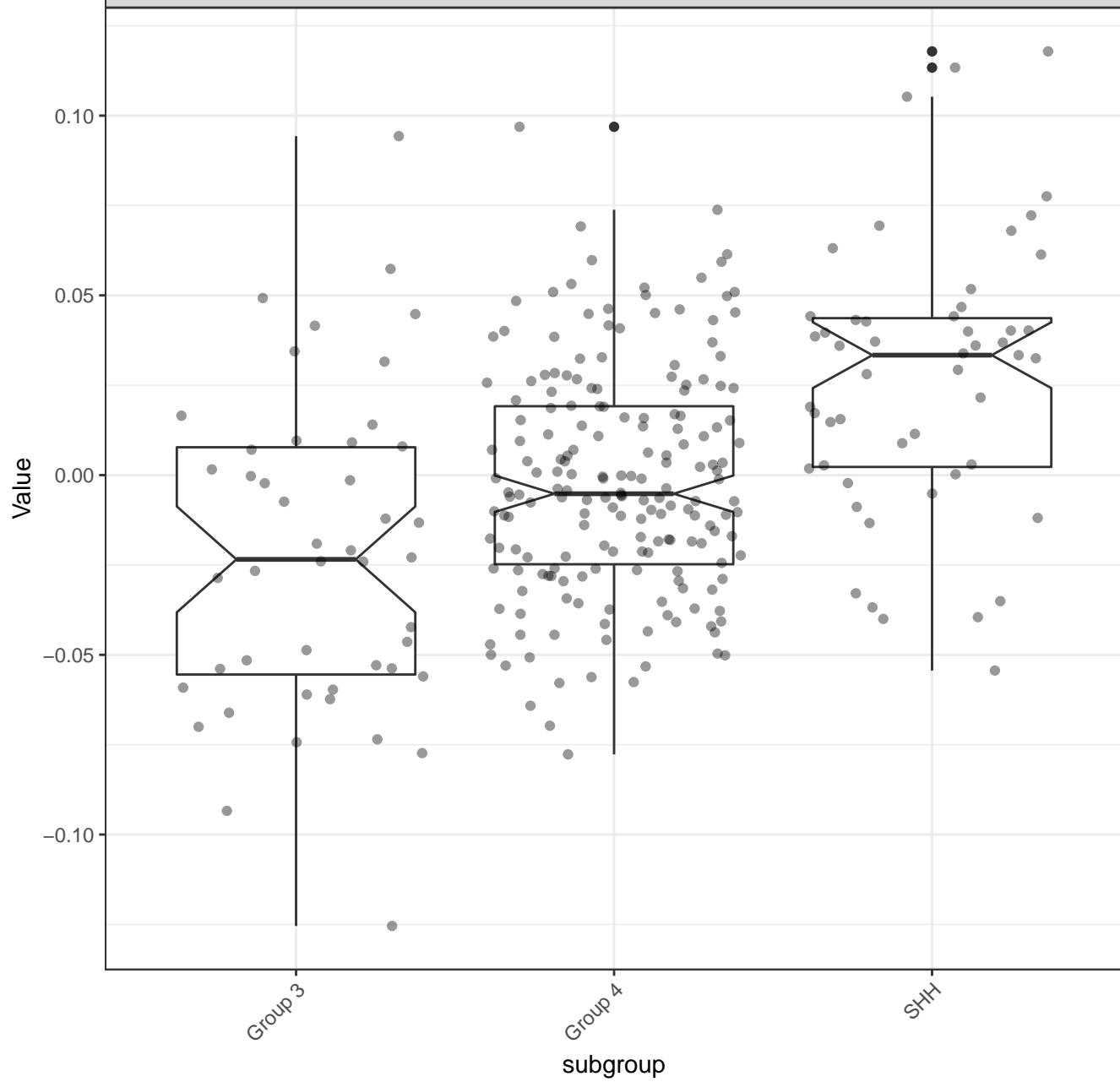
subgroup

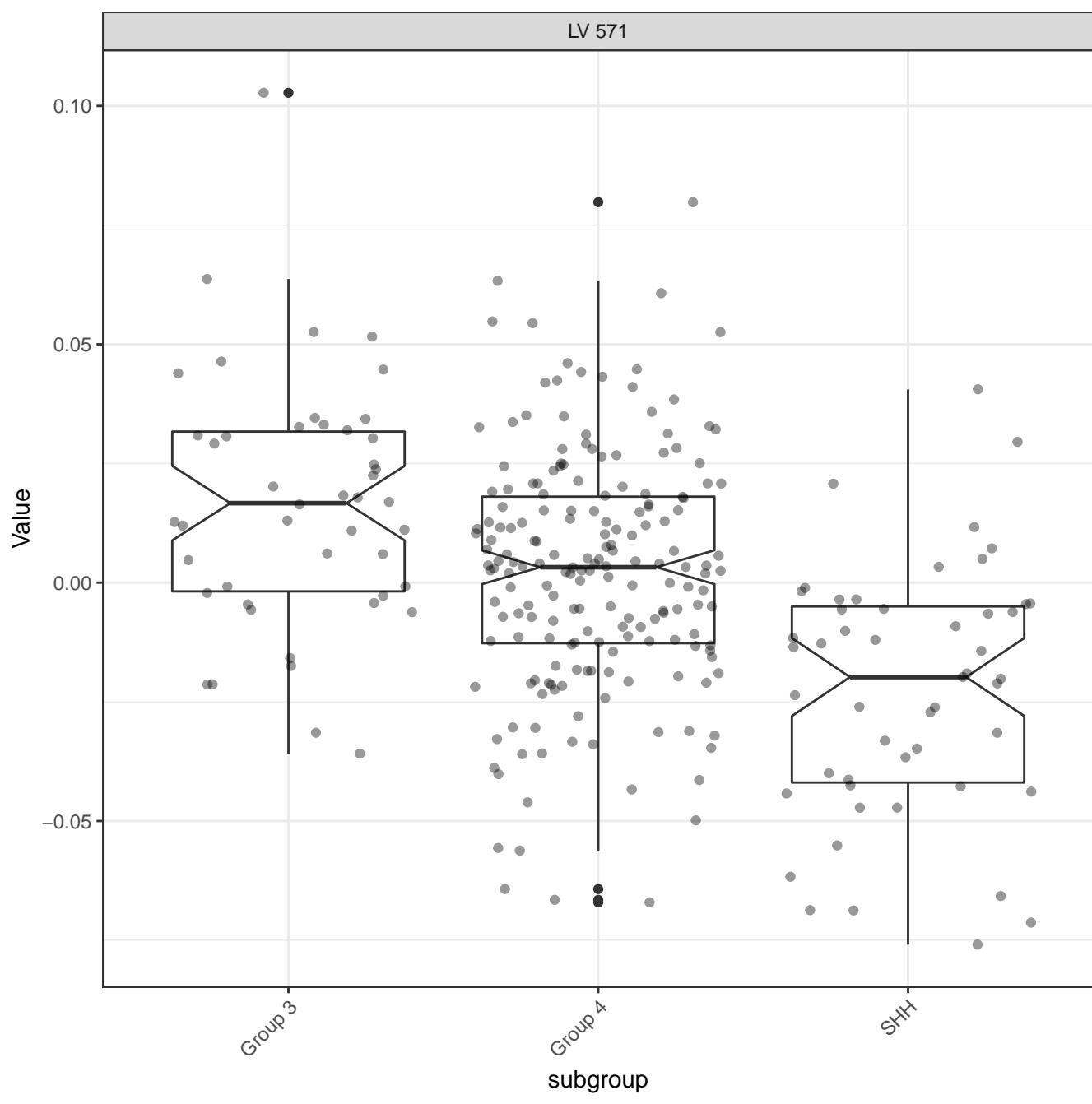
Group 4

SHH

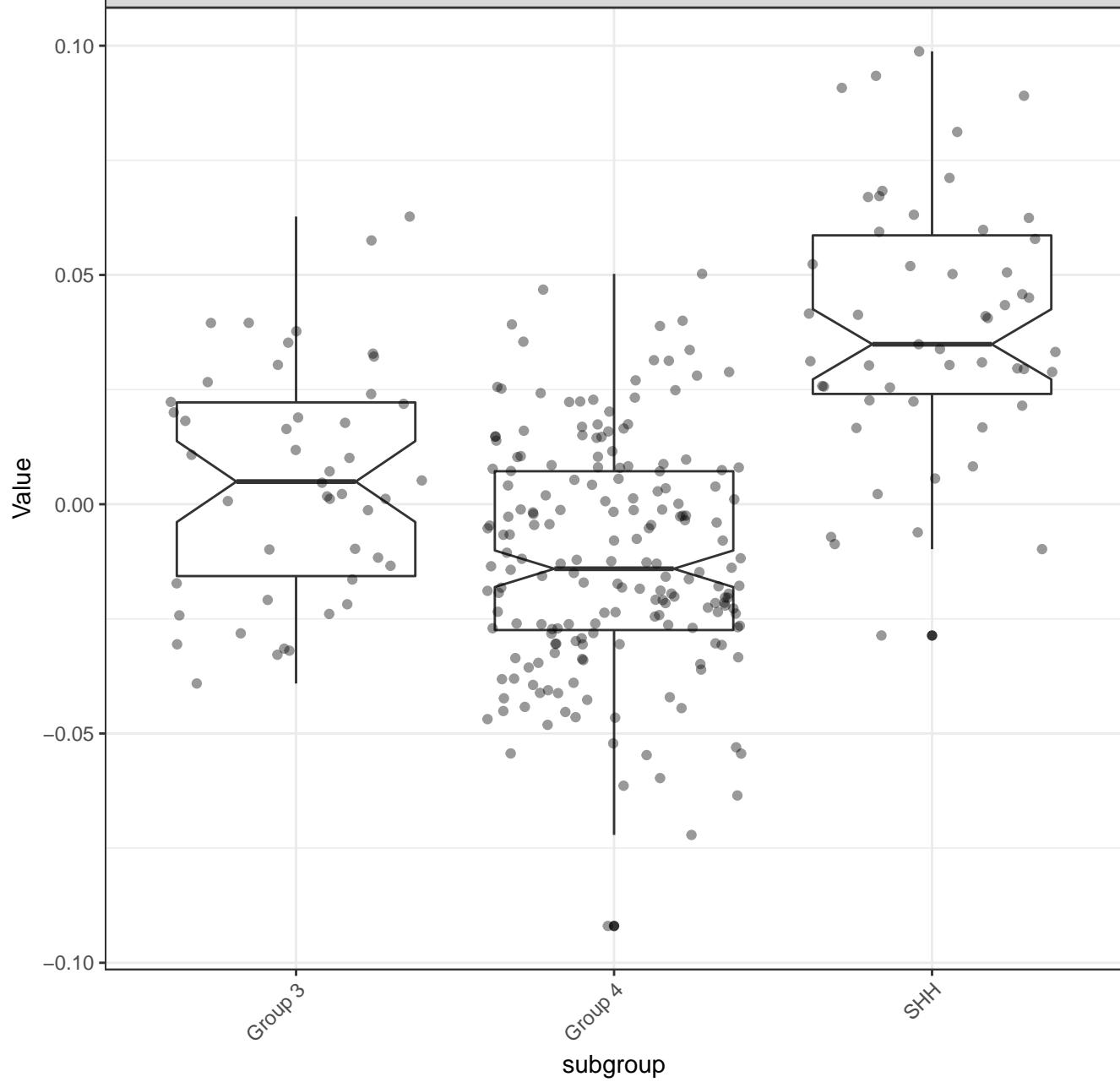


LV 570

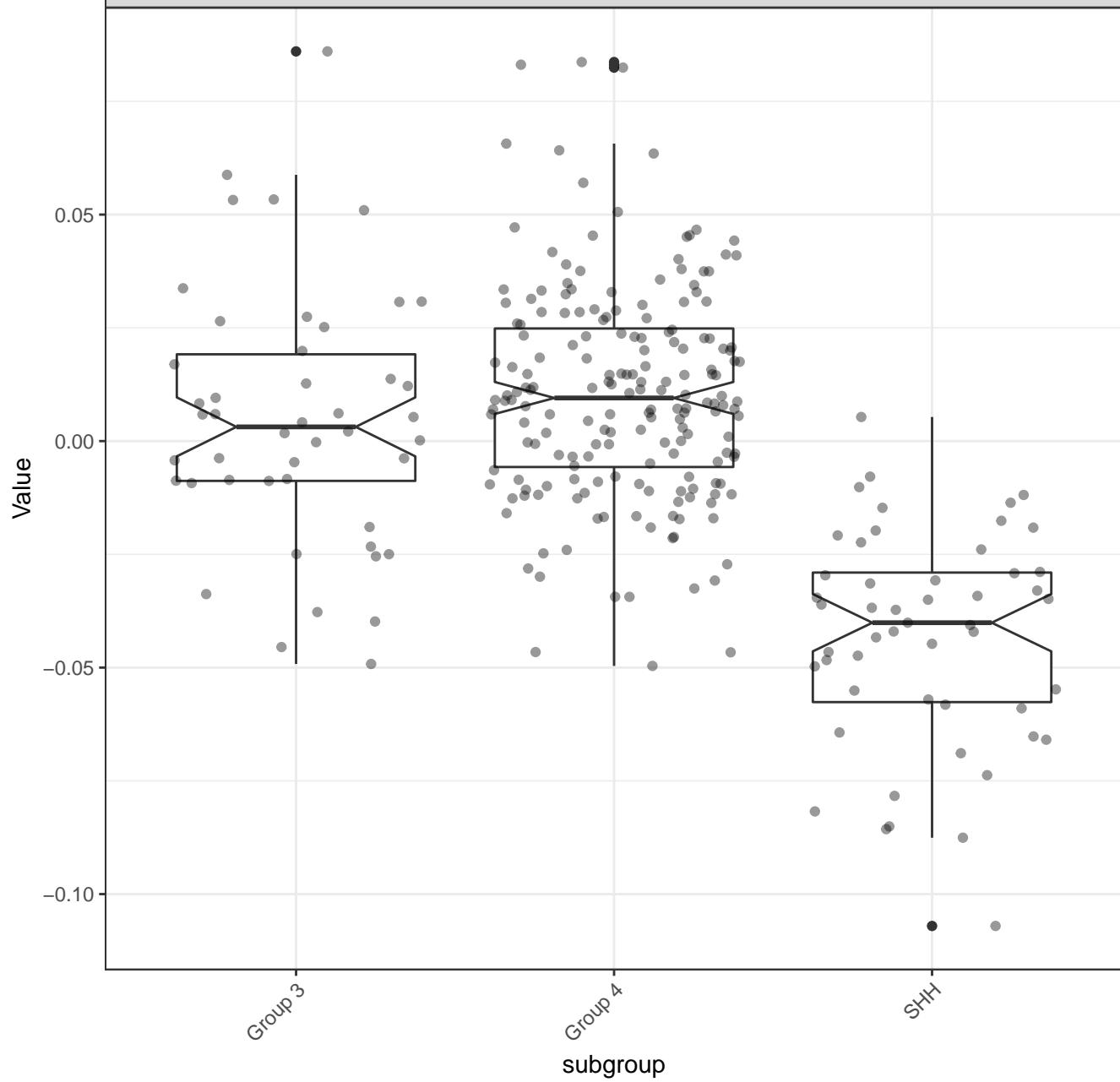




LV 572



LV 573



Value

0.10

0.05

0.00

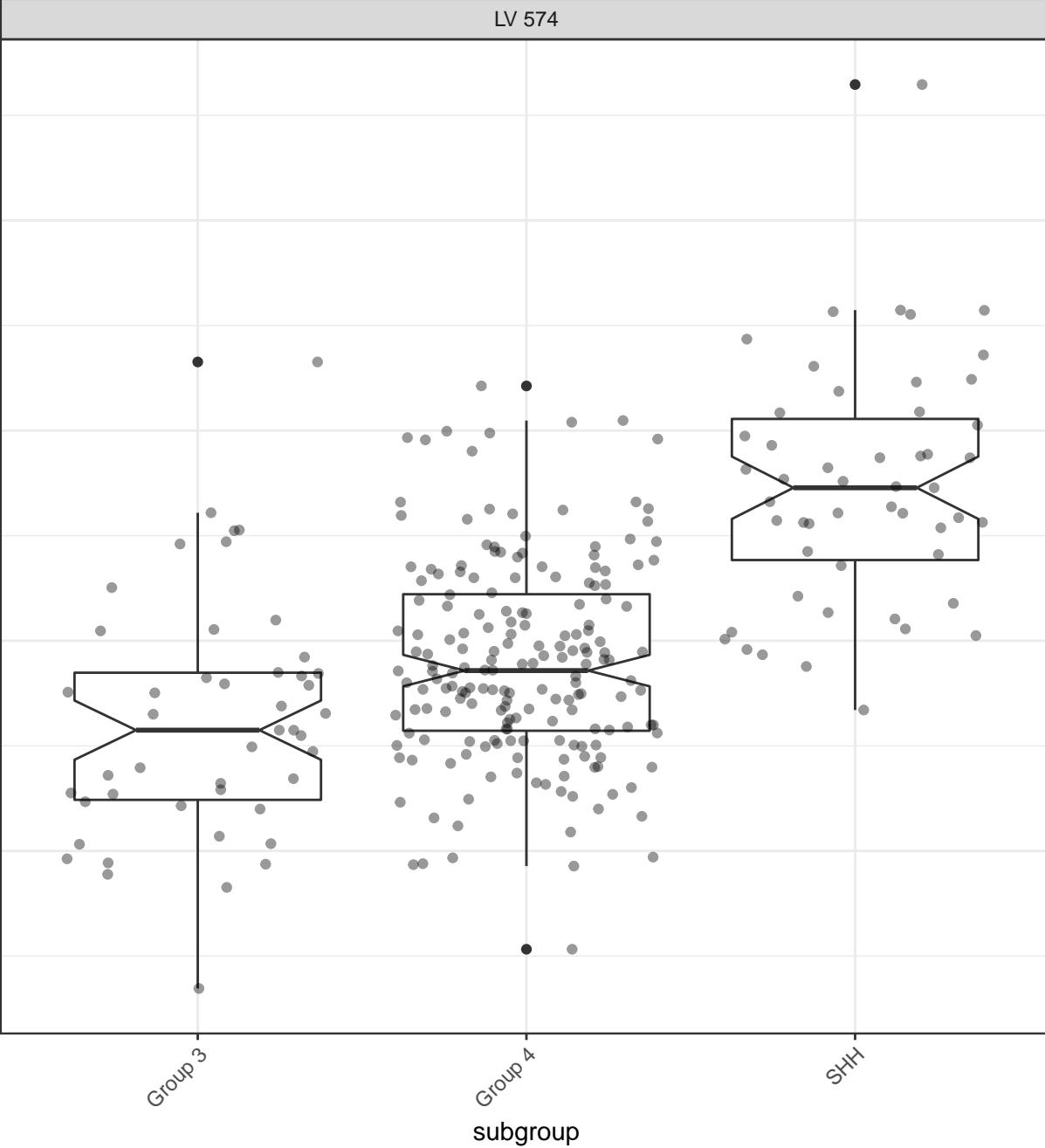
-0.05

Group 3

Group 4

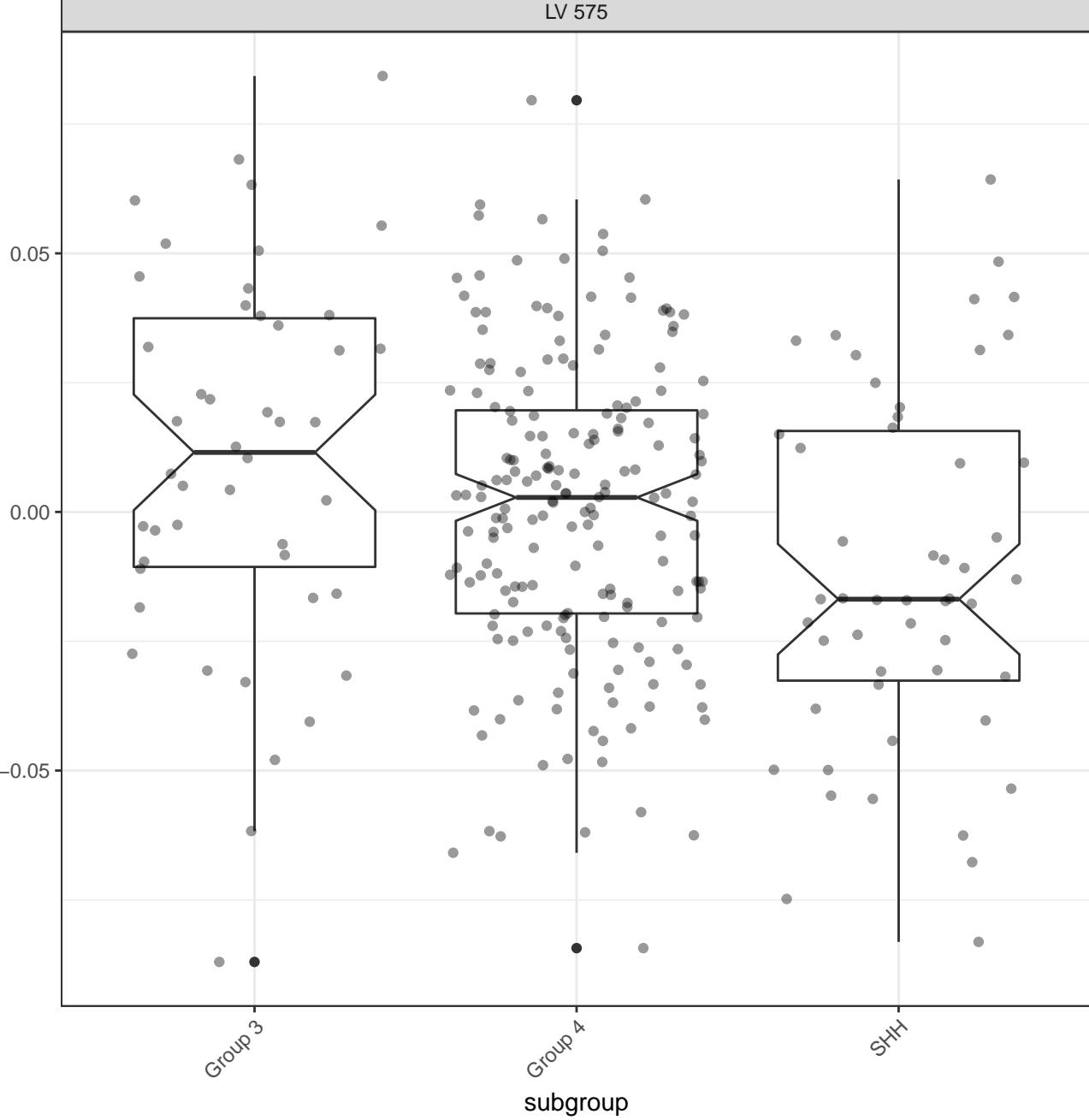
SHH

subgroup

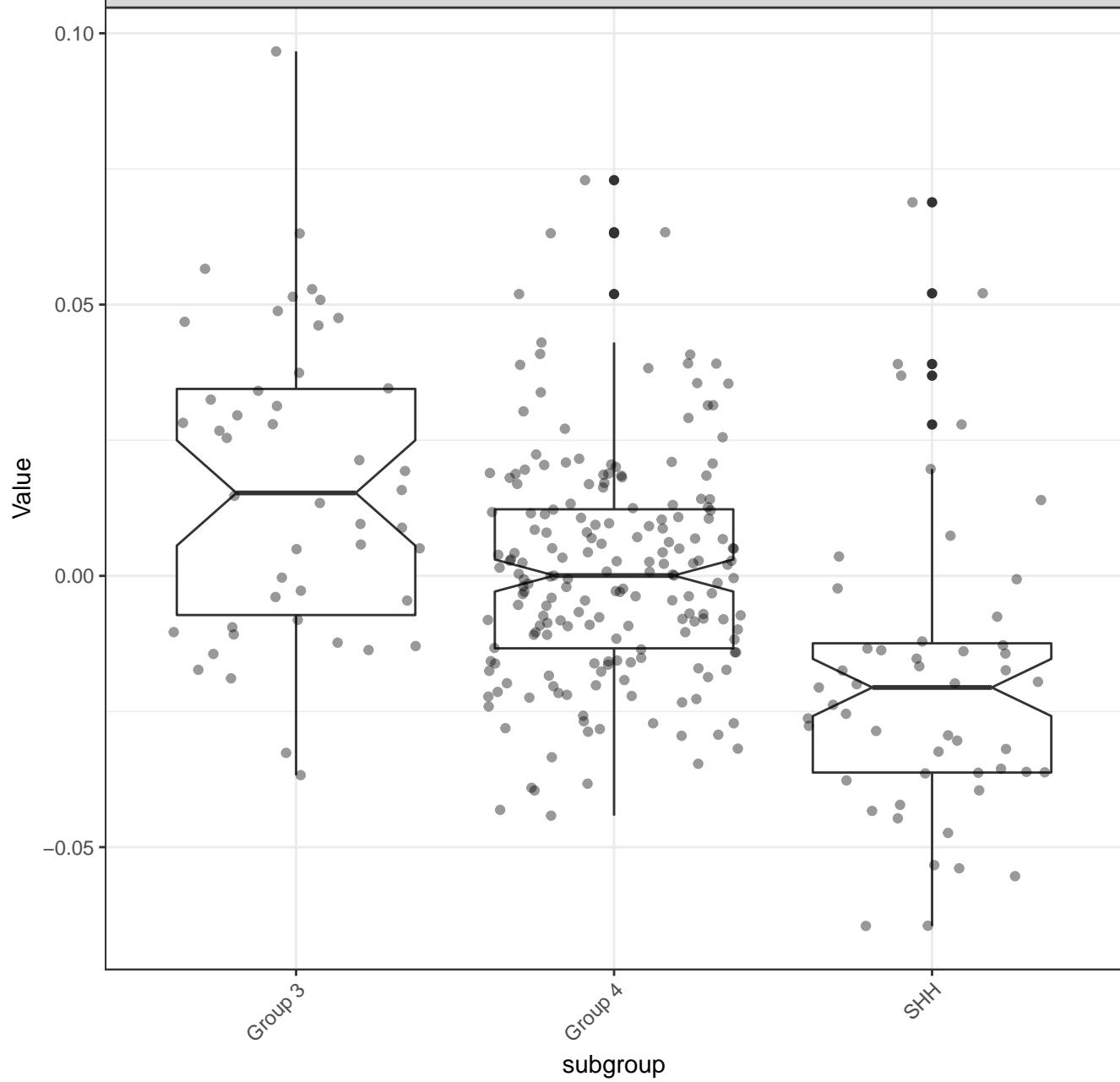


LV 575

Value



LV 576



LV 577

Value

0.10

0.05

0.00

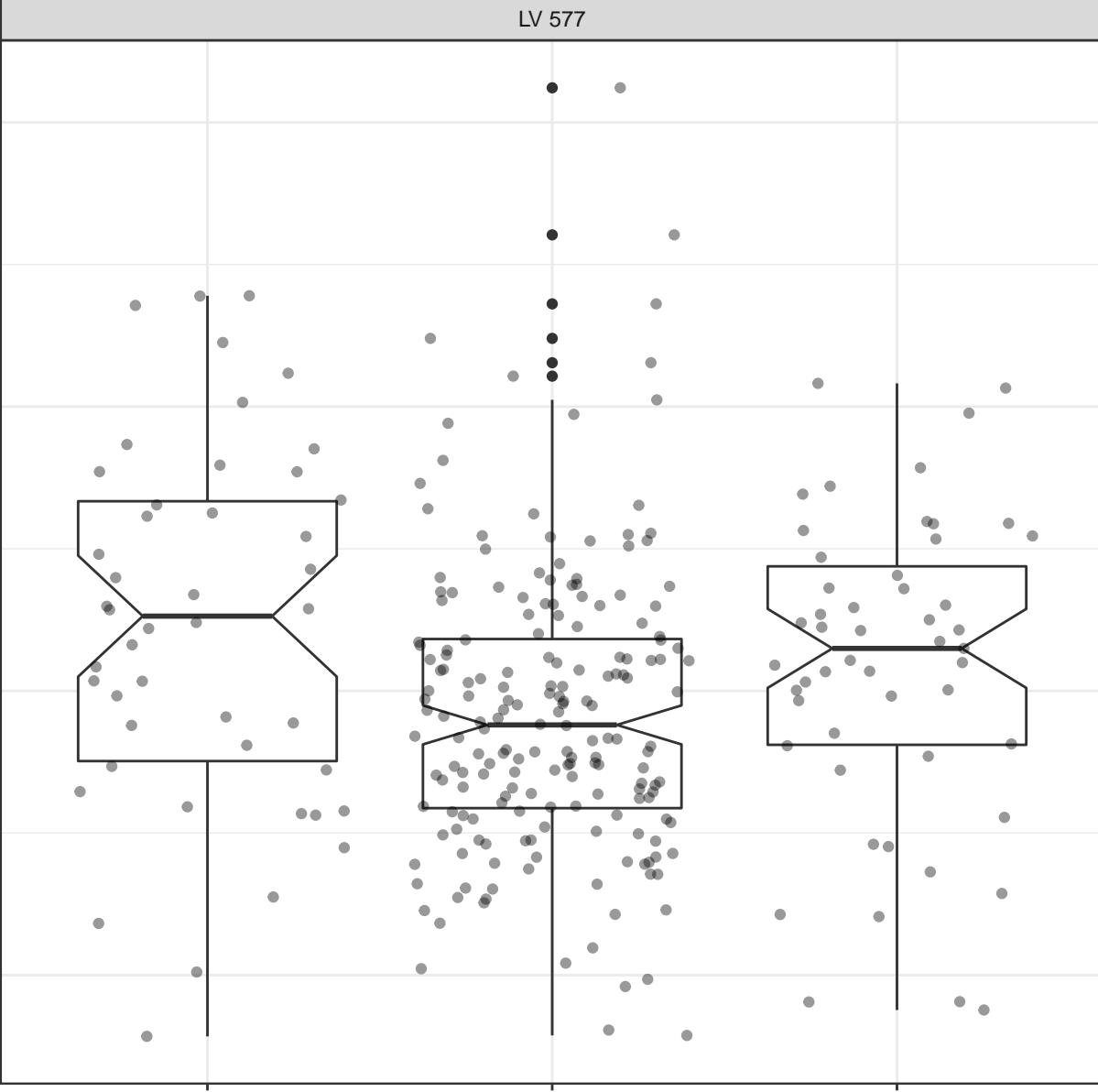
-0.05

Group 3

subgroup

Group 4

SHH



Value

0.10

0.05

0.00

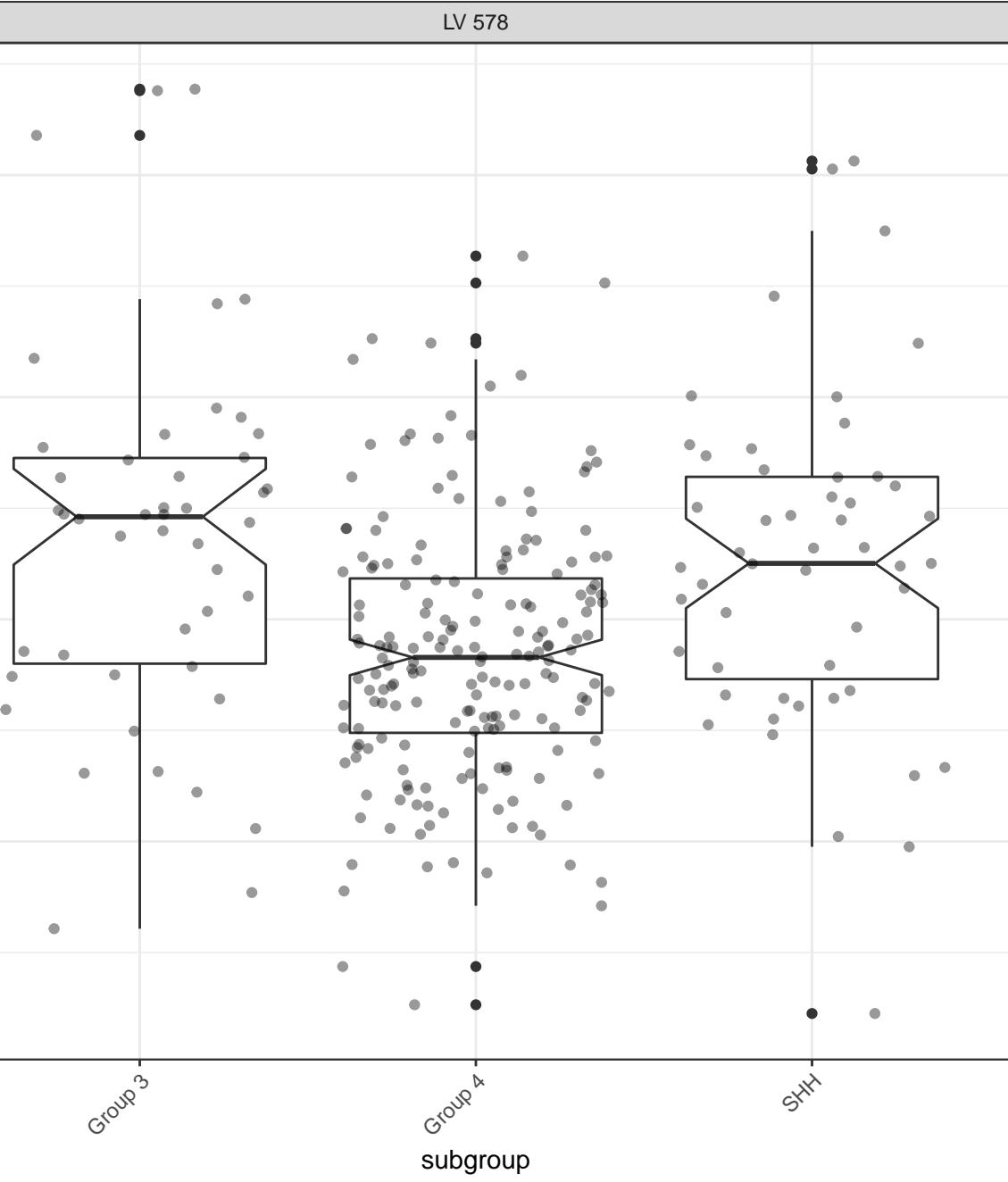
-0.05

Group 3

subgroup

SHH

Group 4



Value

0.2

0.1

0.0

Group 3

Group 4

SHH

subgroup



LV 580

Value

0.10

0.05

0.00

-0.05

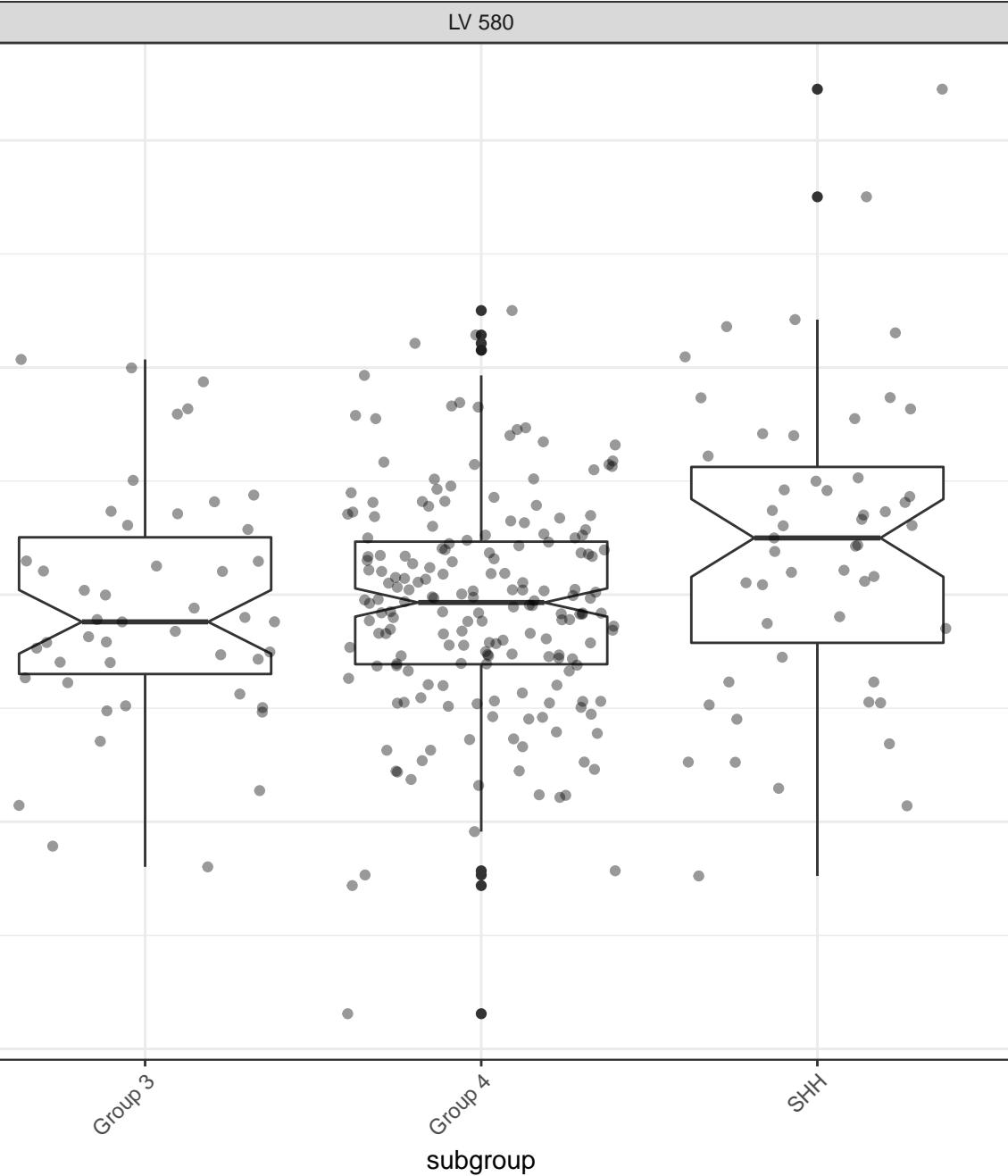
-0.10

Group 3

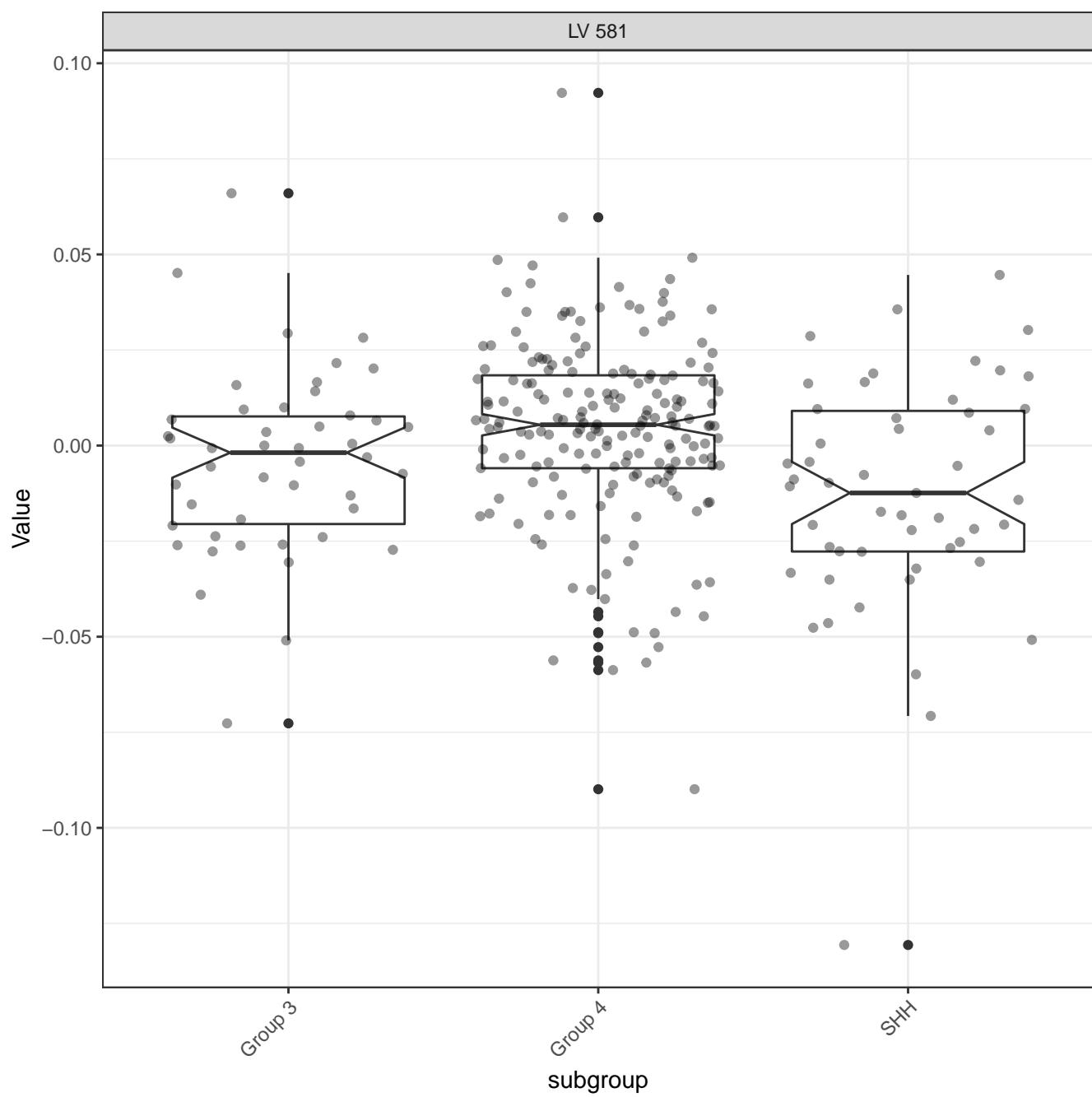
Group 4

SHH

subgroup

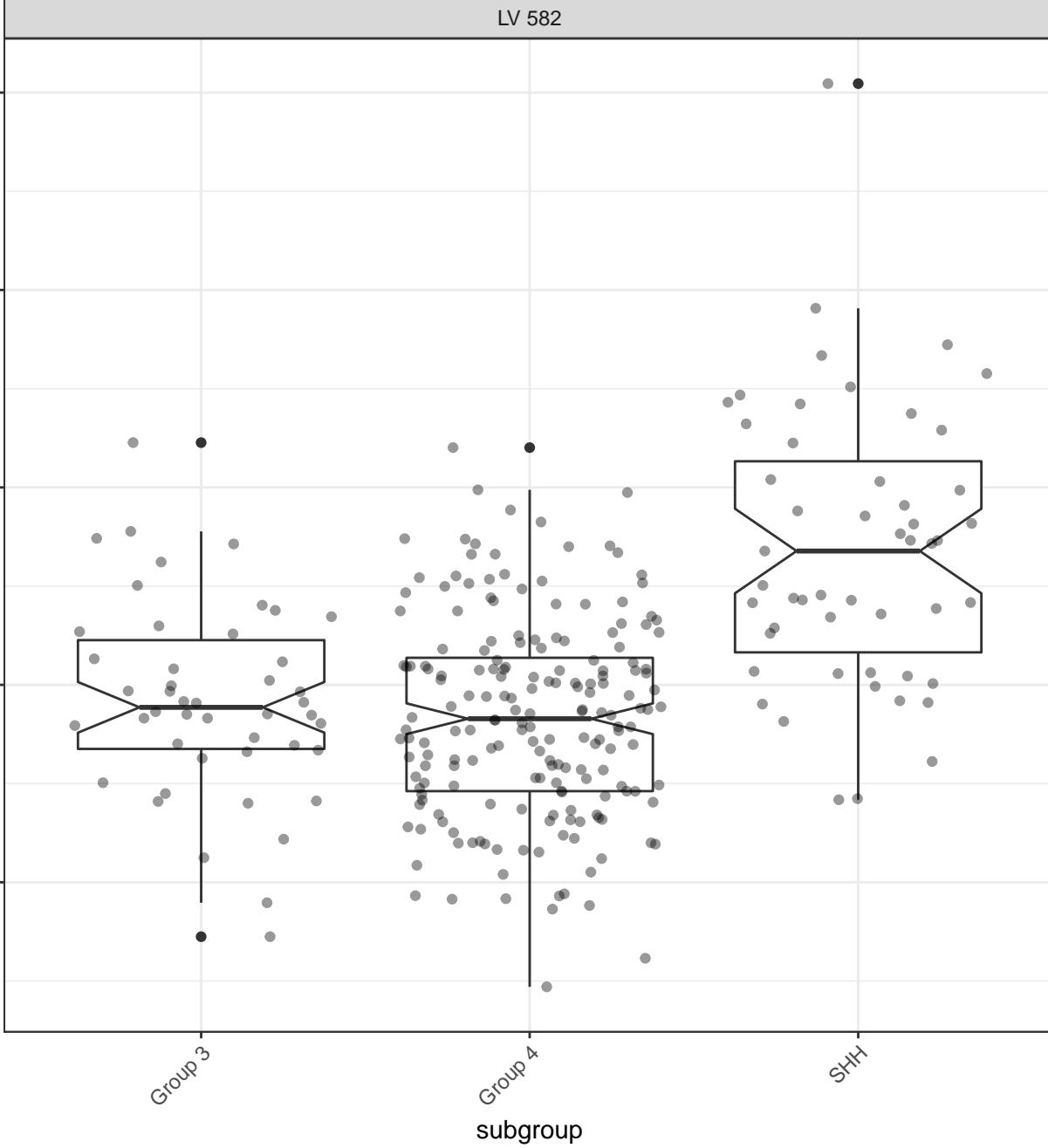


LV 581

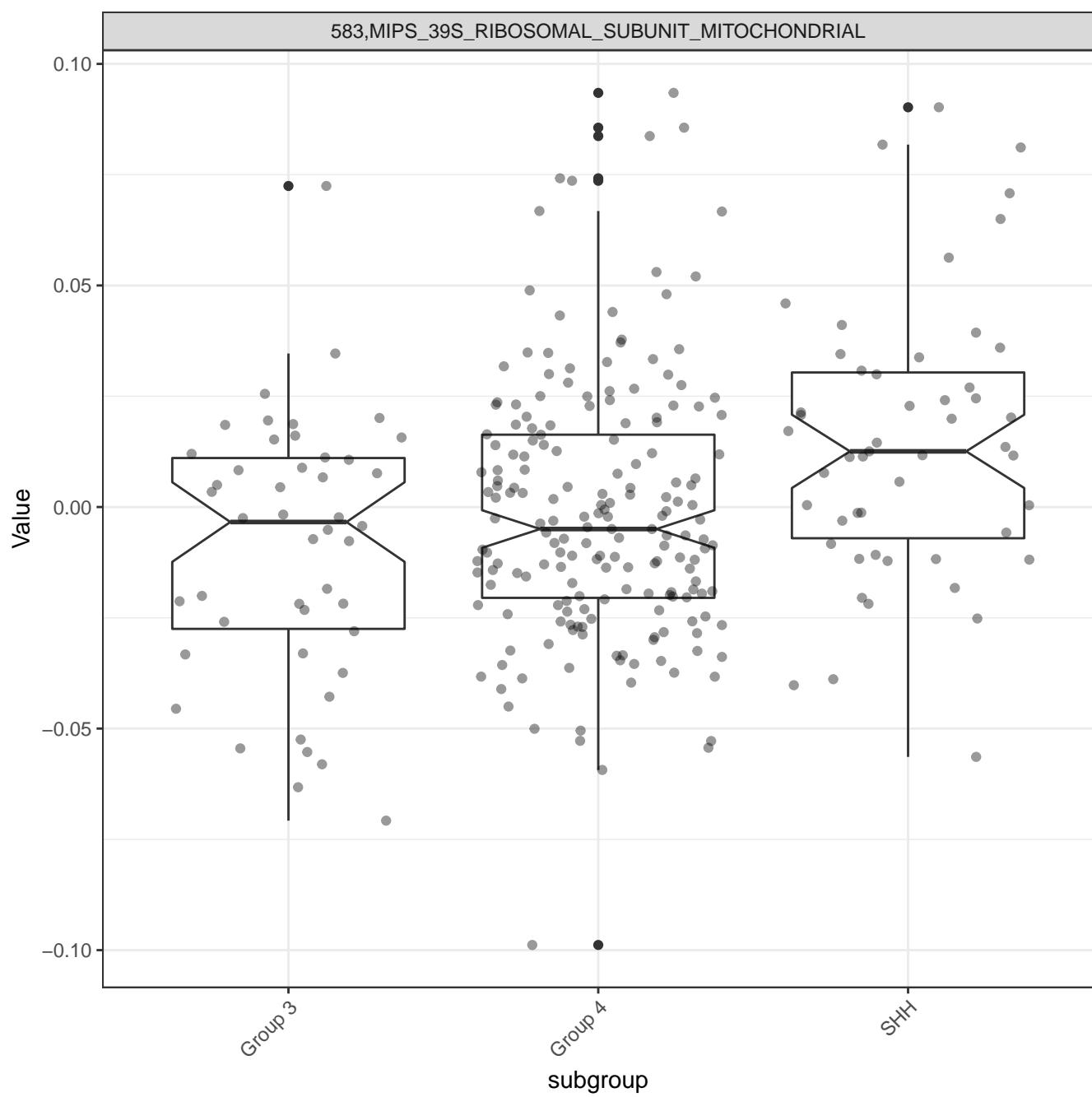


LV 582

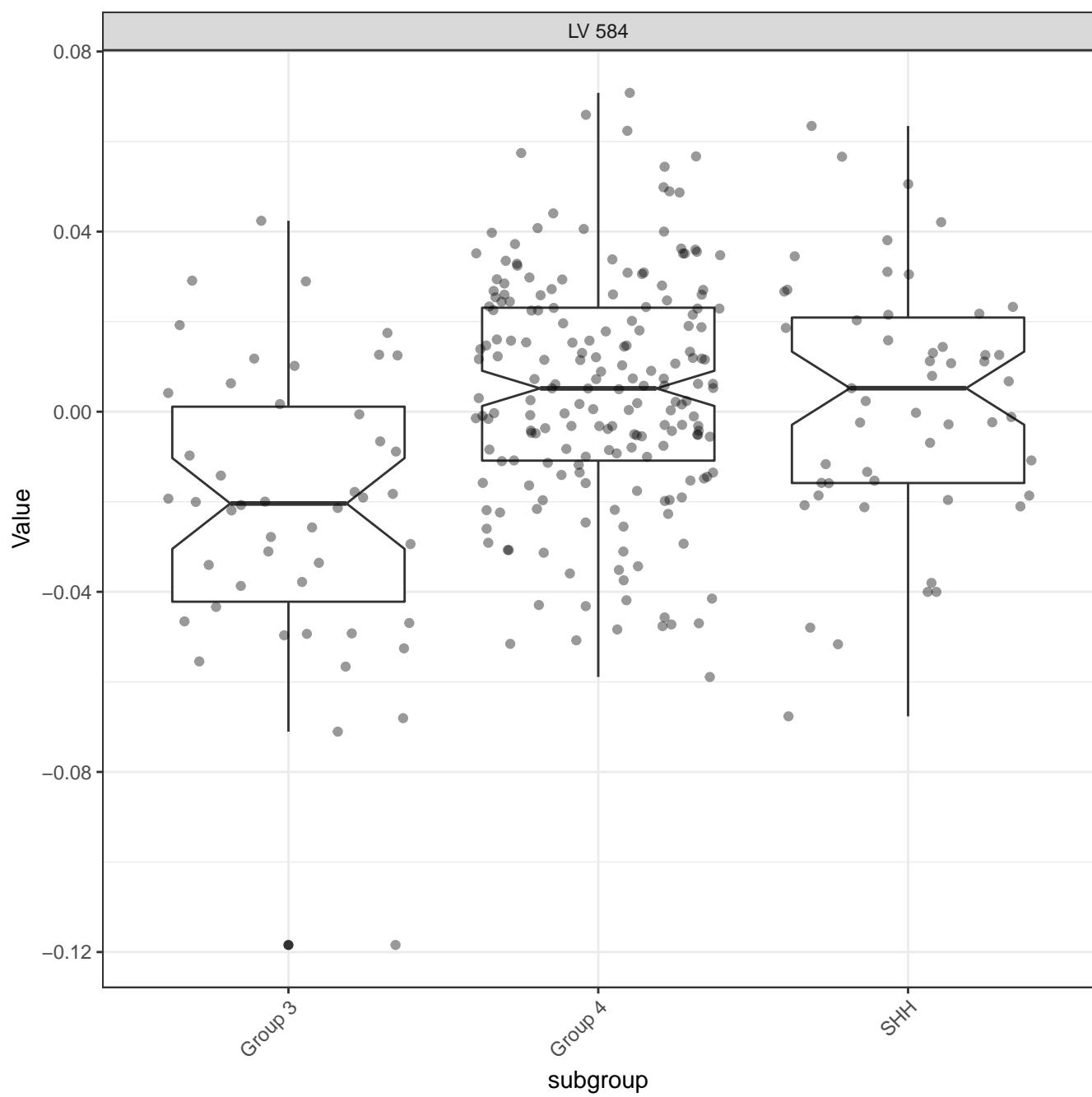
Value

0.15
0.10
0.05
0.00
-0.05

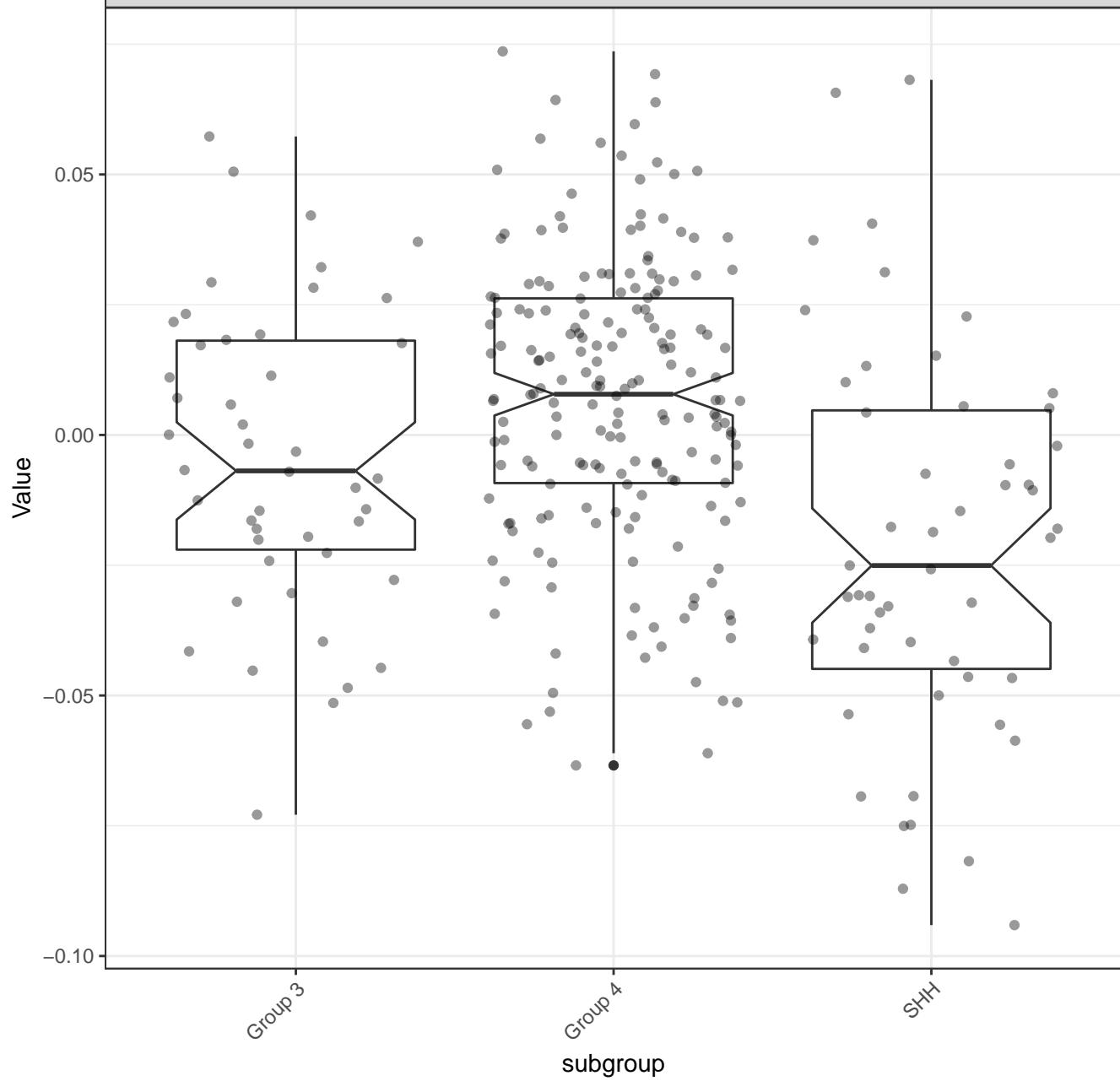
583,MIPS_39S_RIBOSOMAL_SUBUNIT_MITOCHONDRIAL



LV 584

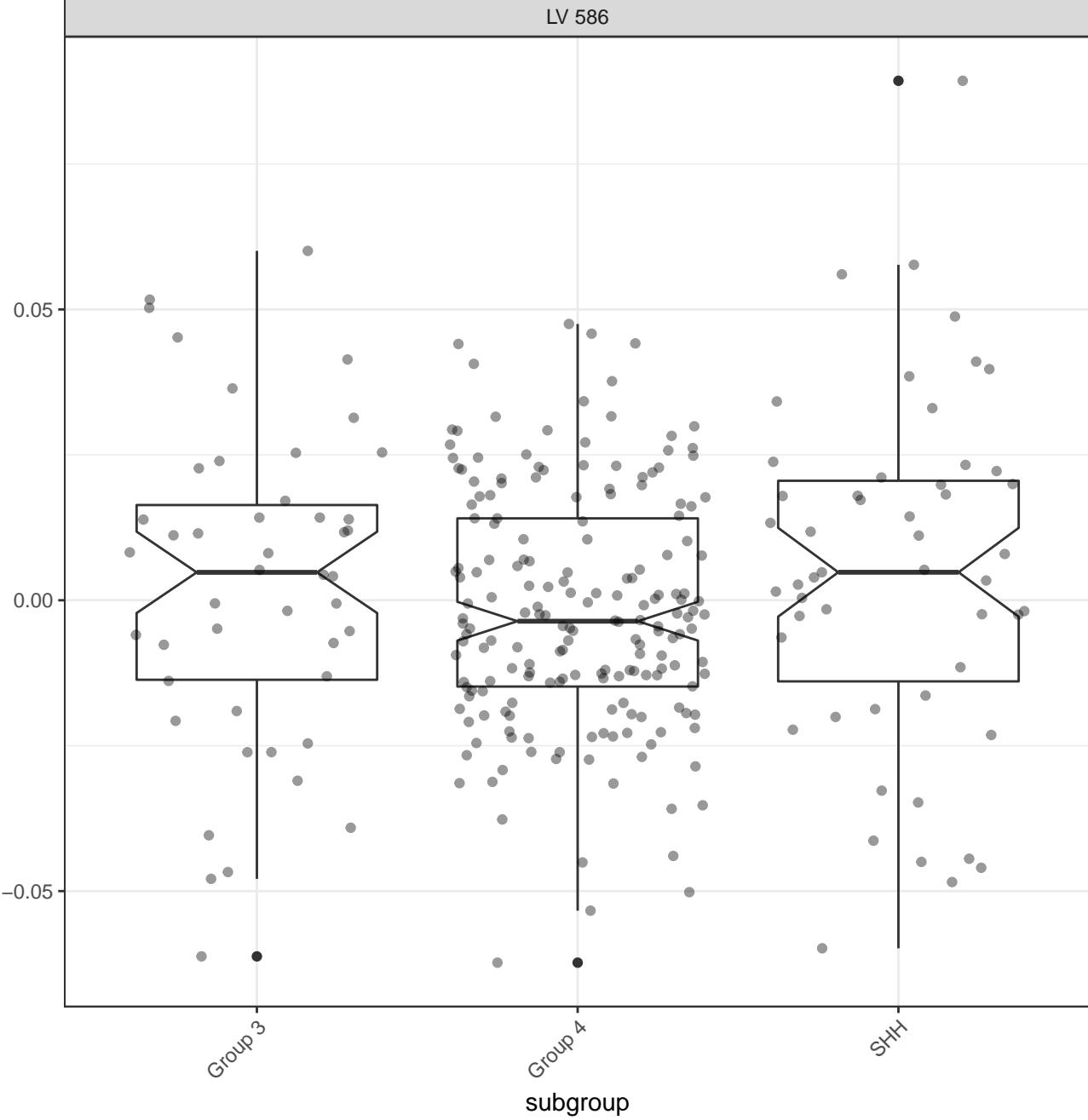


LV 585



LV 586

Value



LV 587

Value

0.2

0.1

0.0

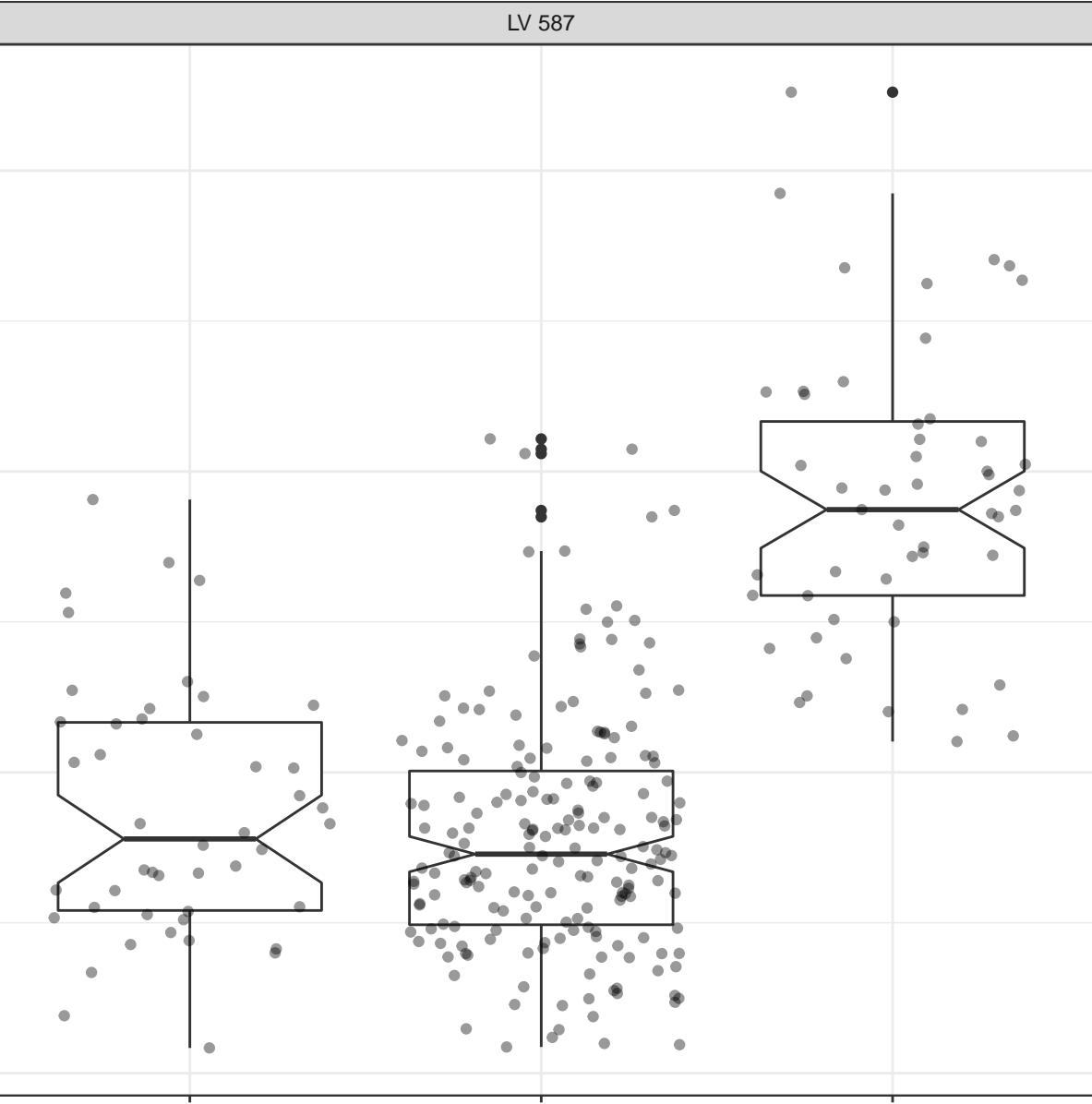
-0.1

Group 3

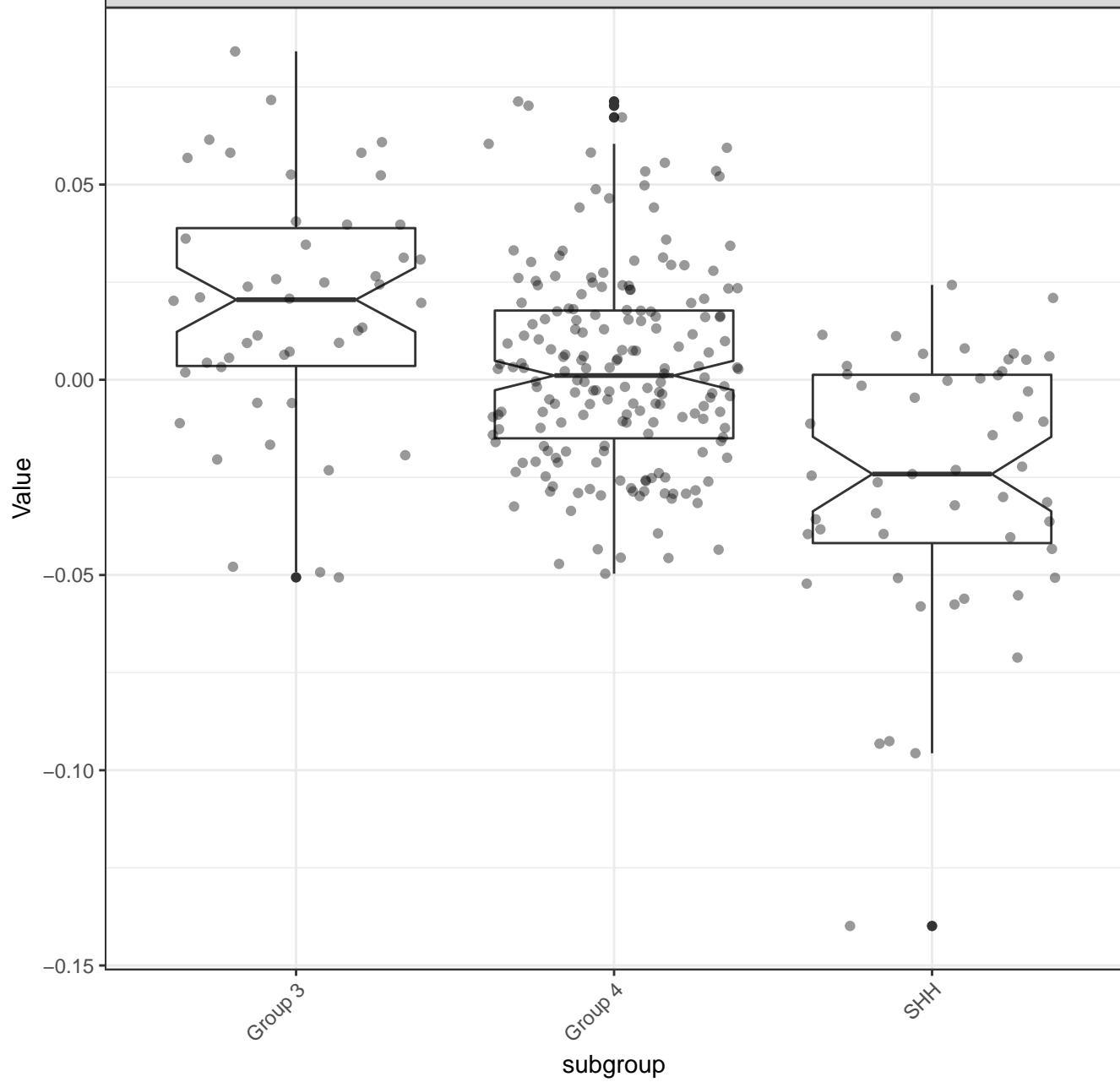
Group 4

SHH

subgroup



LV 588



LV 589

Value

0.05

0.00

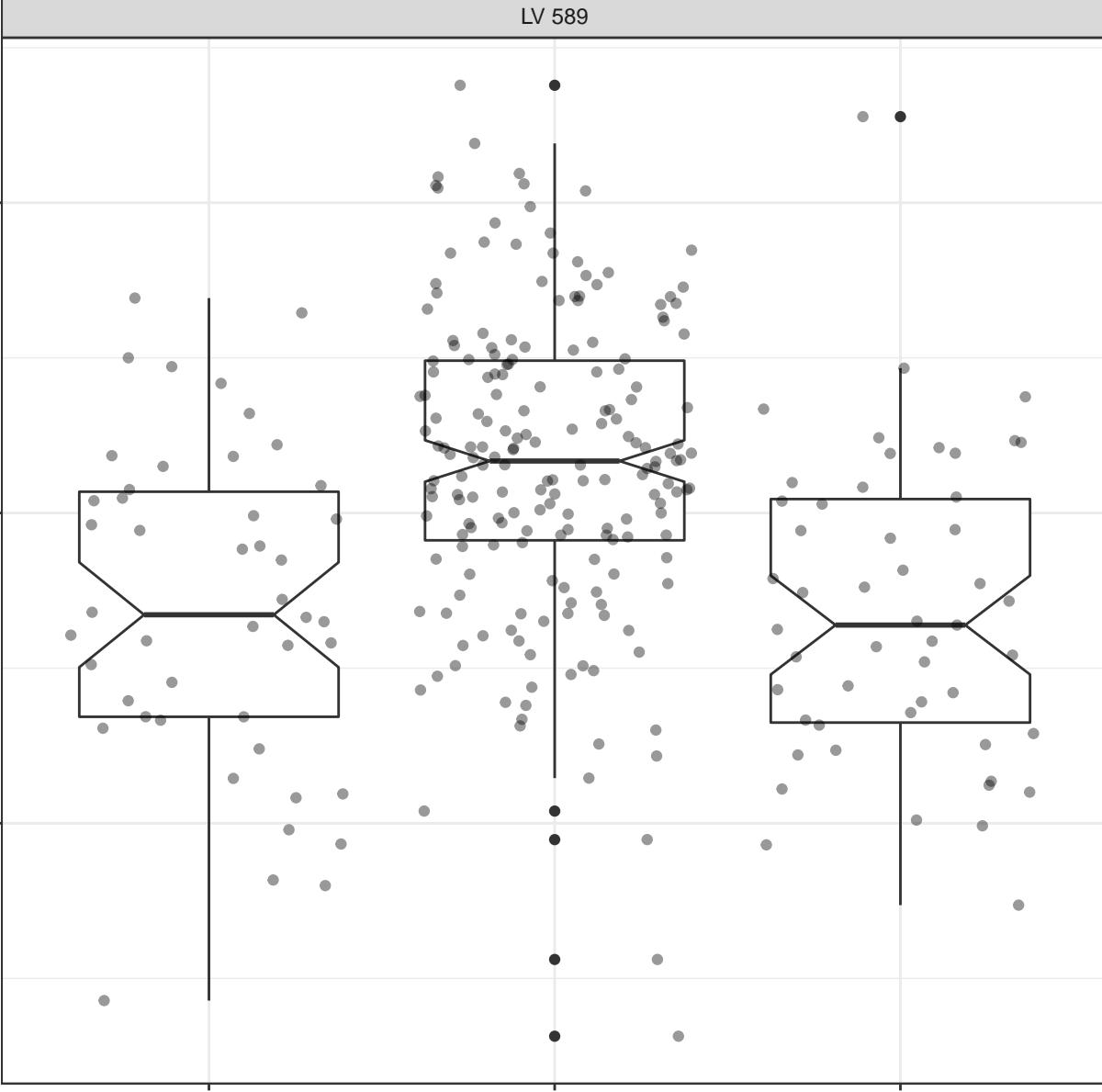
-0.05

Group 3

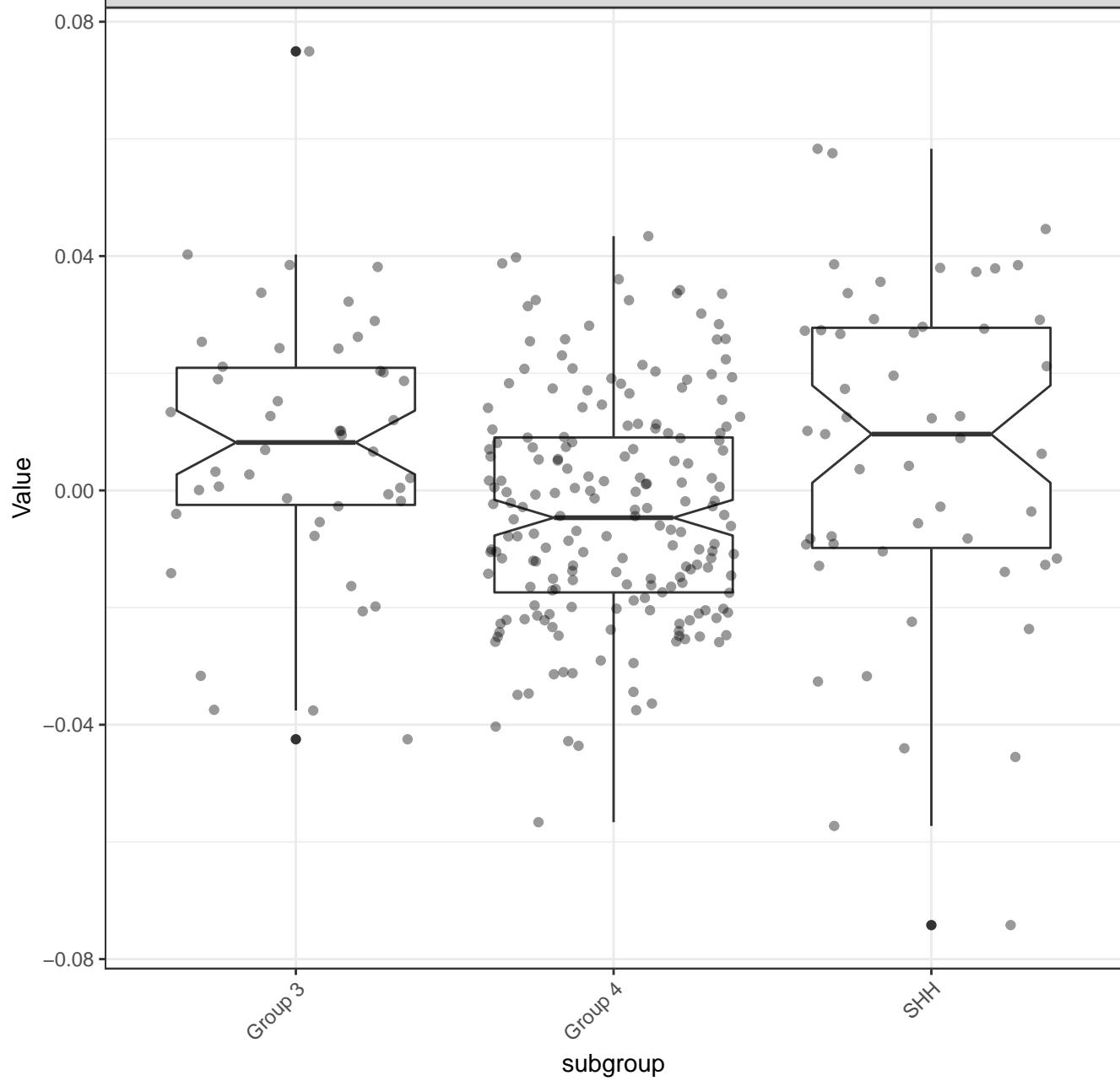
subgroup

Group 4

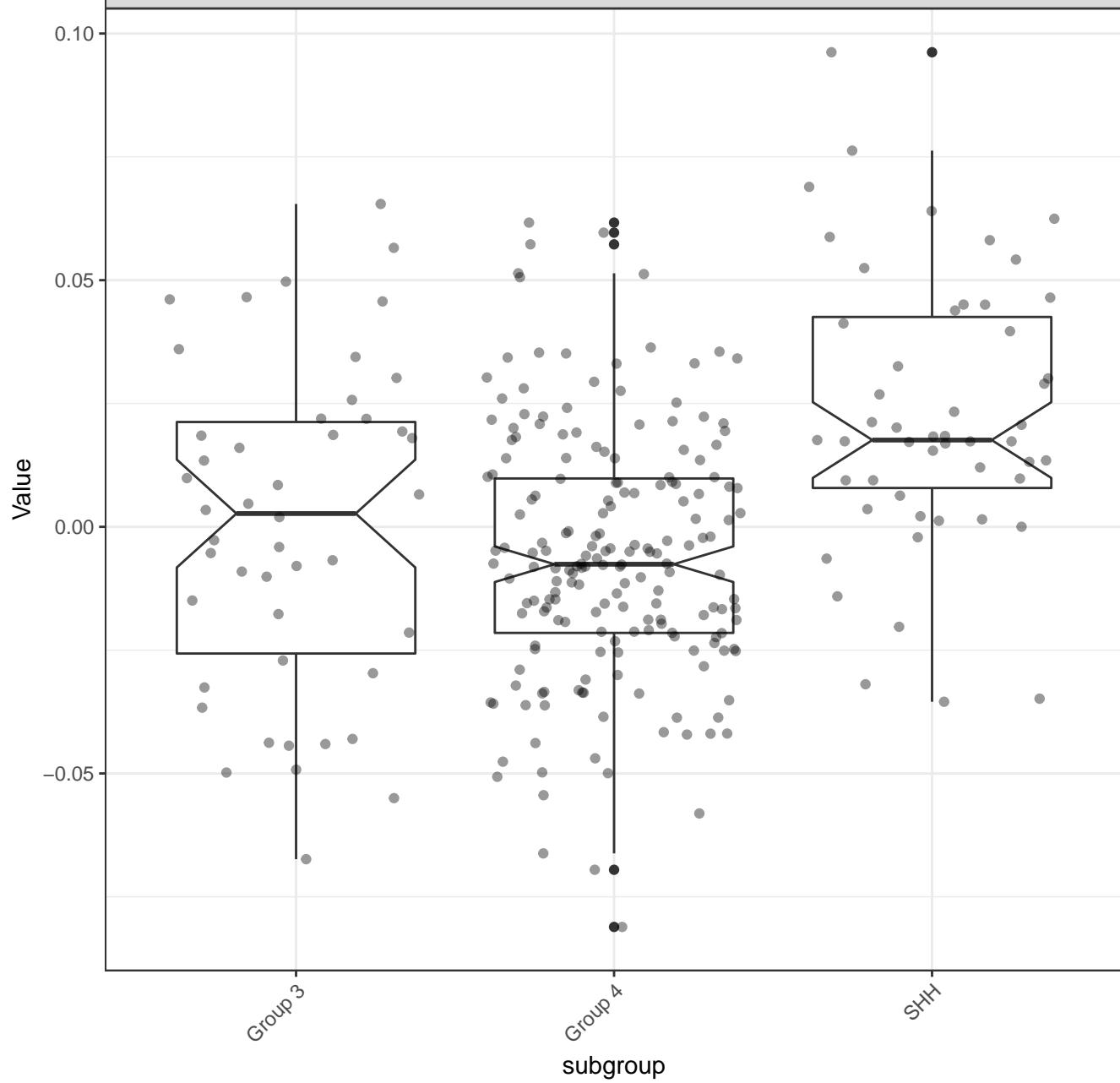
SHH



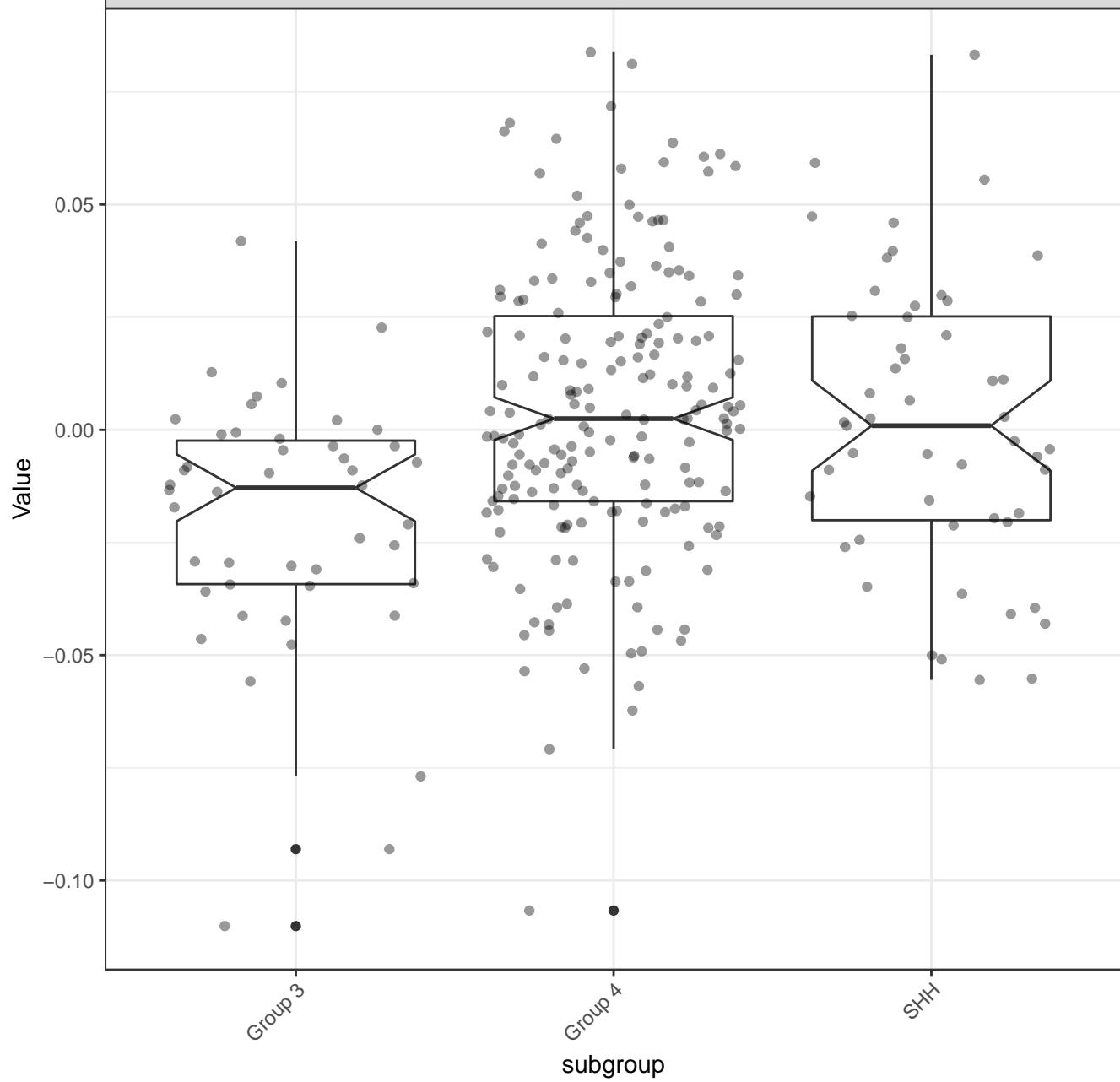
LV 590



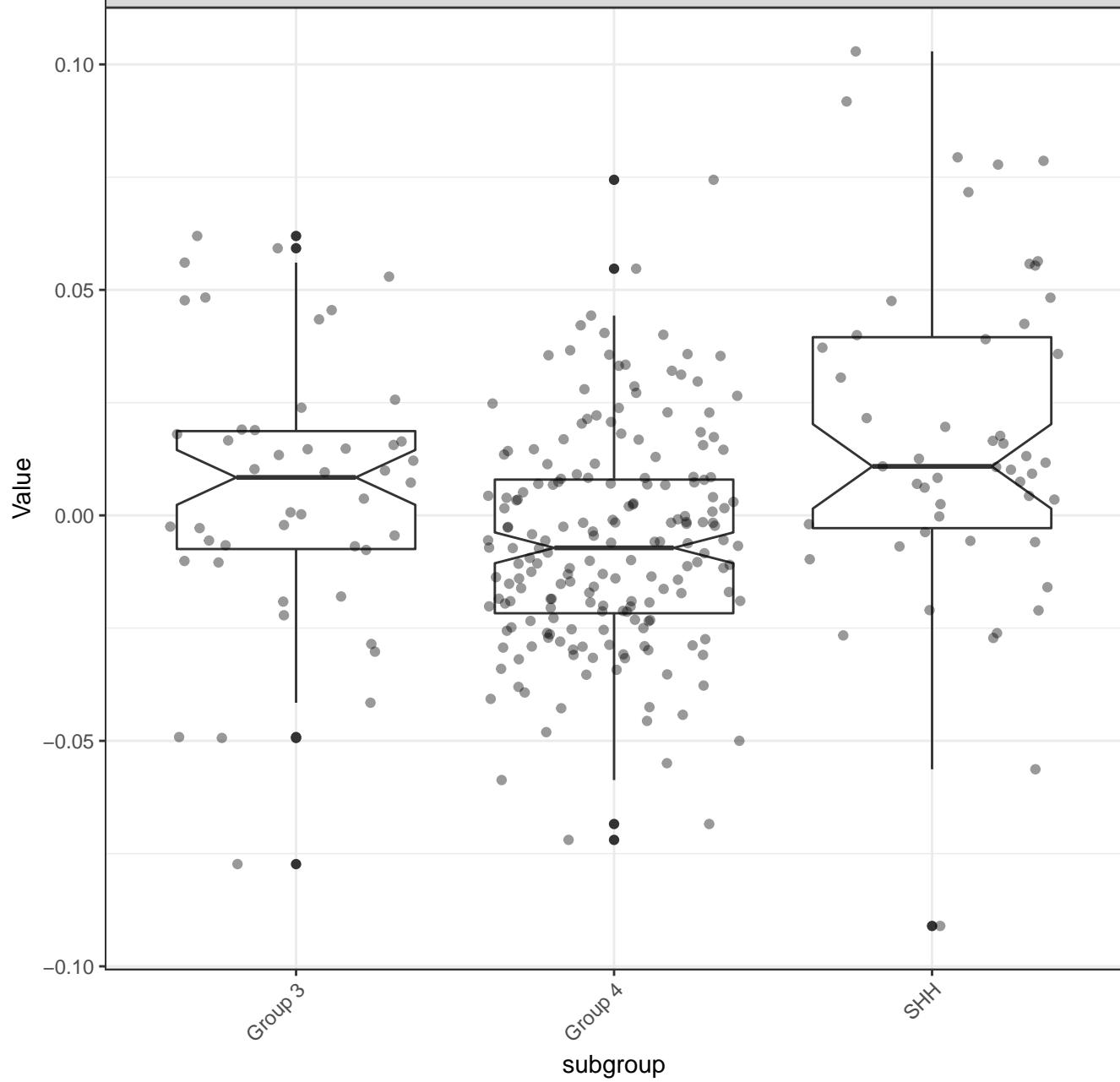
LV 591



LV 592



LV 593



LV 594

Value

0.10

0.05

0.00

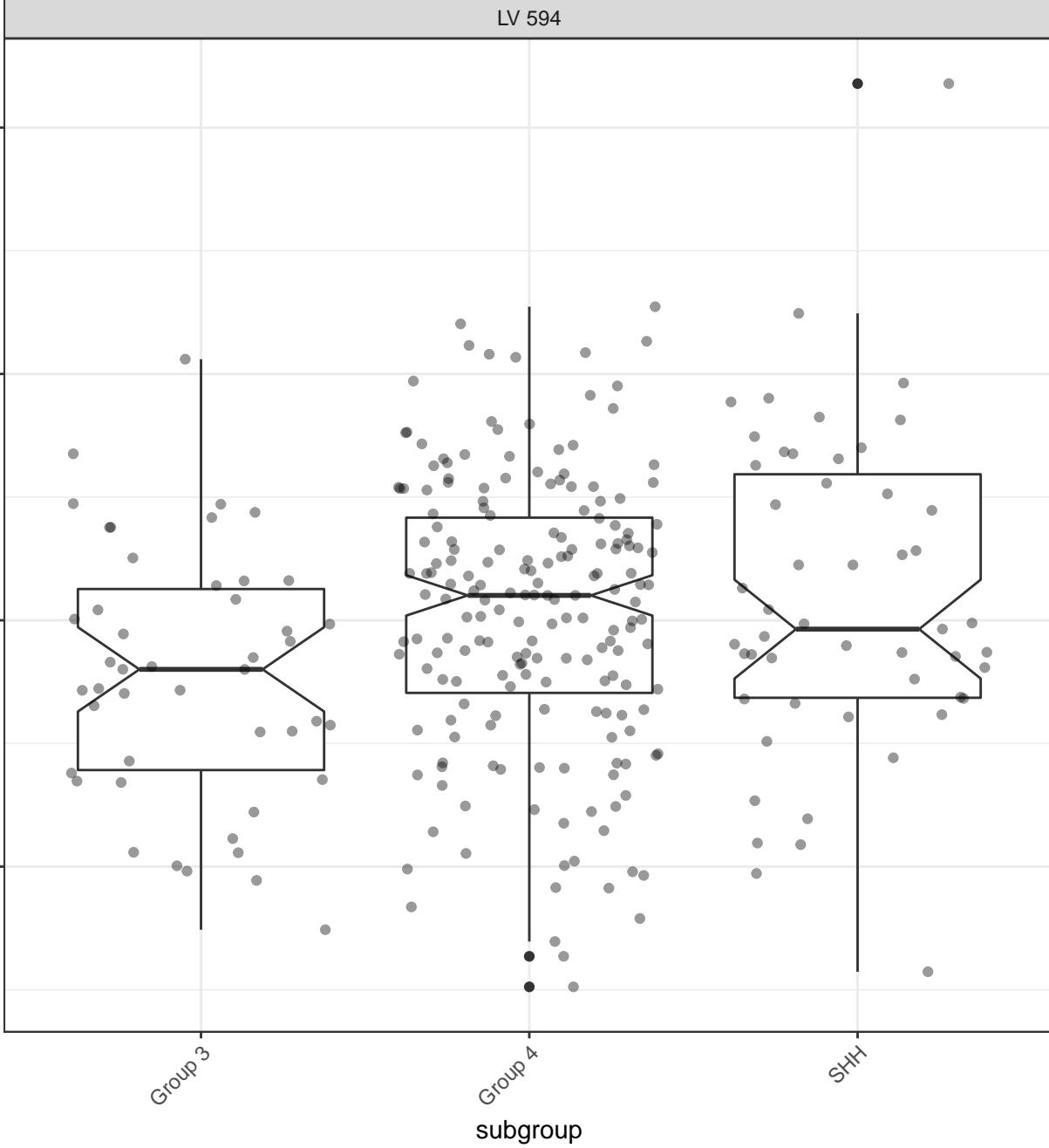
-0.05

Group 3

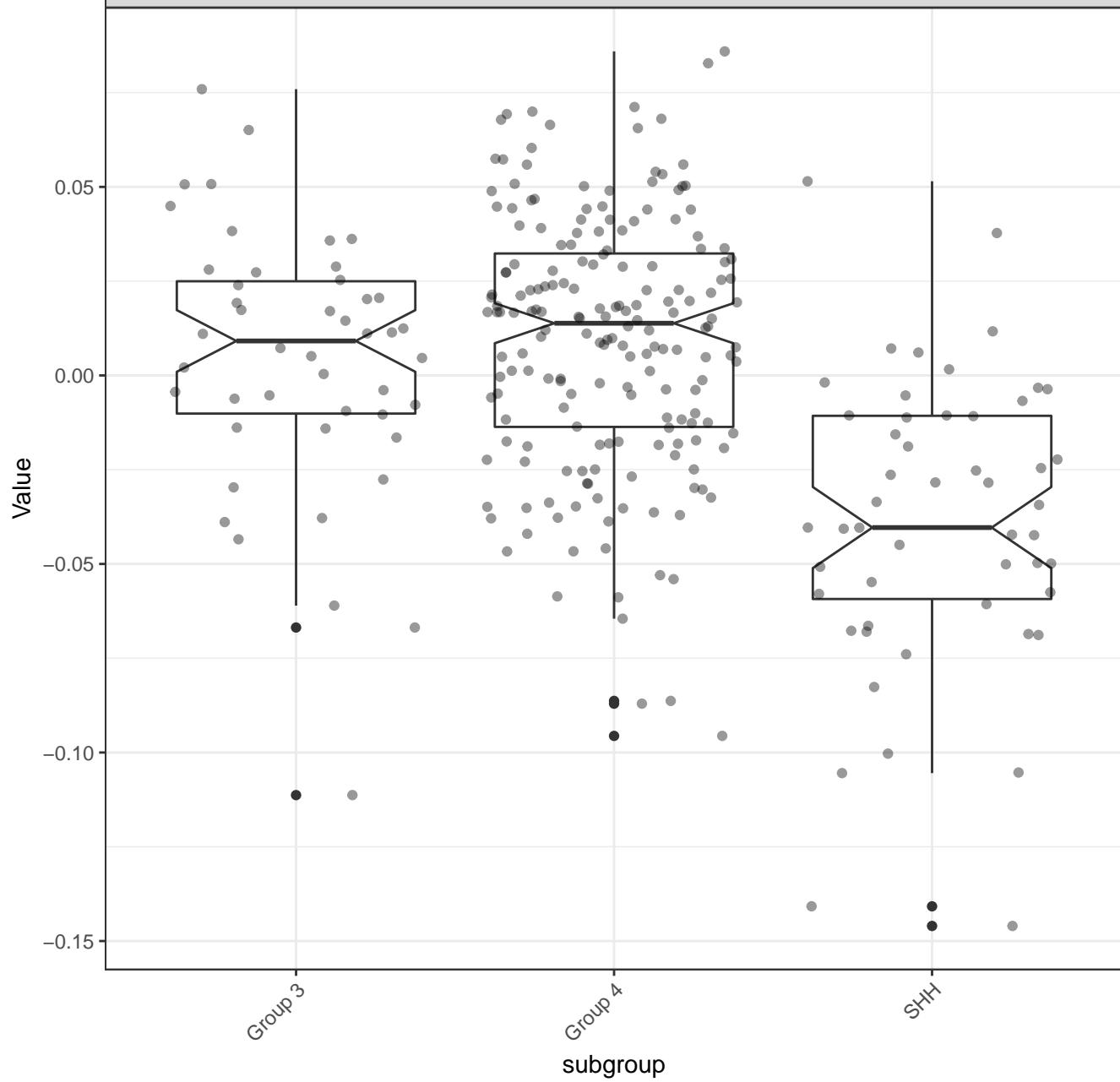
Group 4

SHH

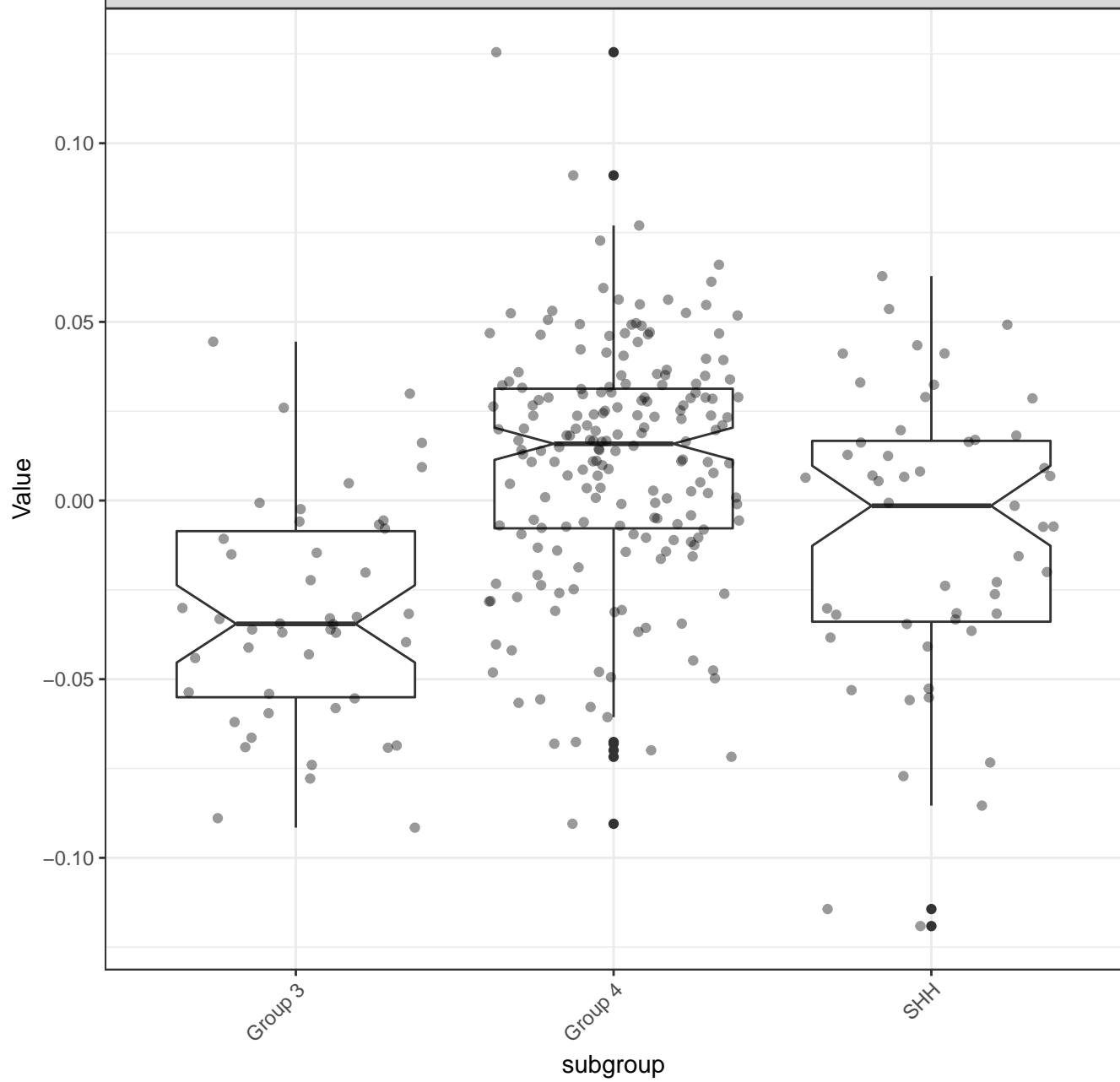
subgroup



LV 595



LV 596



LV 597

Value

0.05

0.00

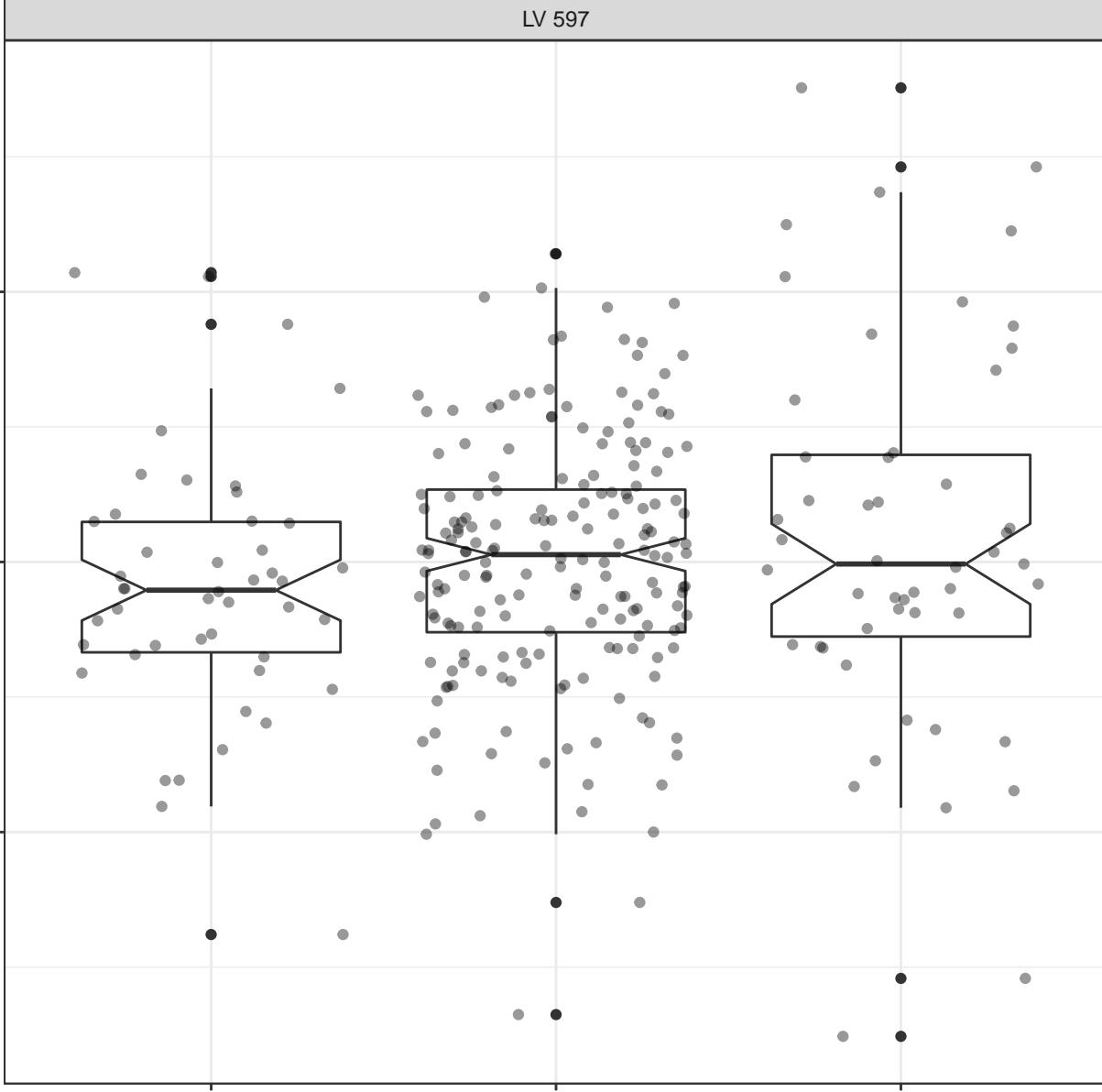
-0.05

Group 3

subgroup

Group 4

SHH



LV 598

Value

0.2

0.1

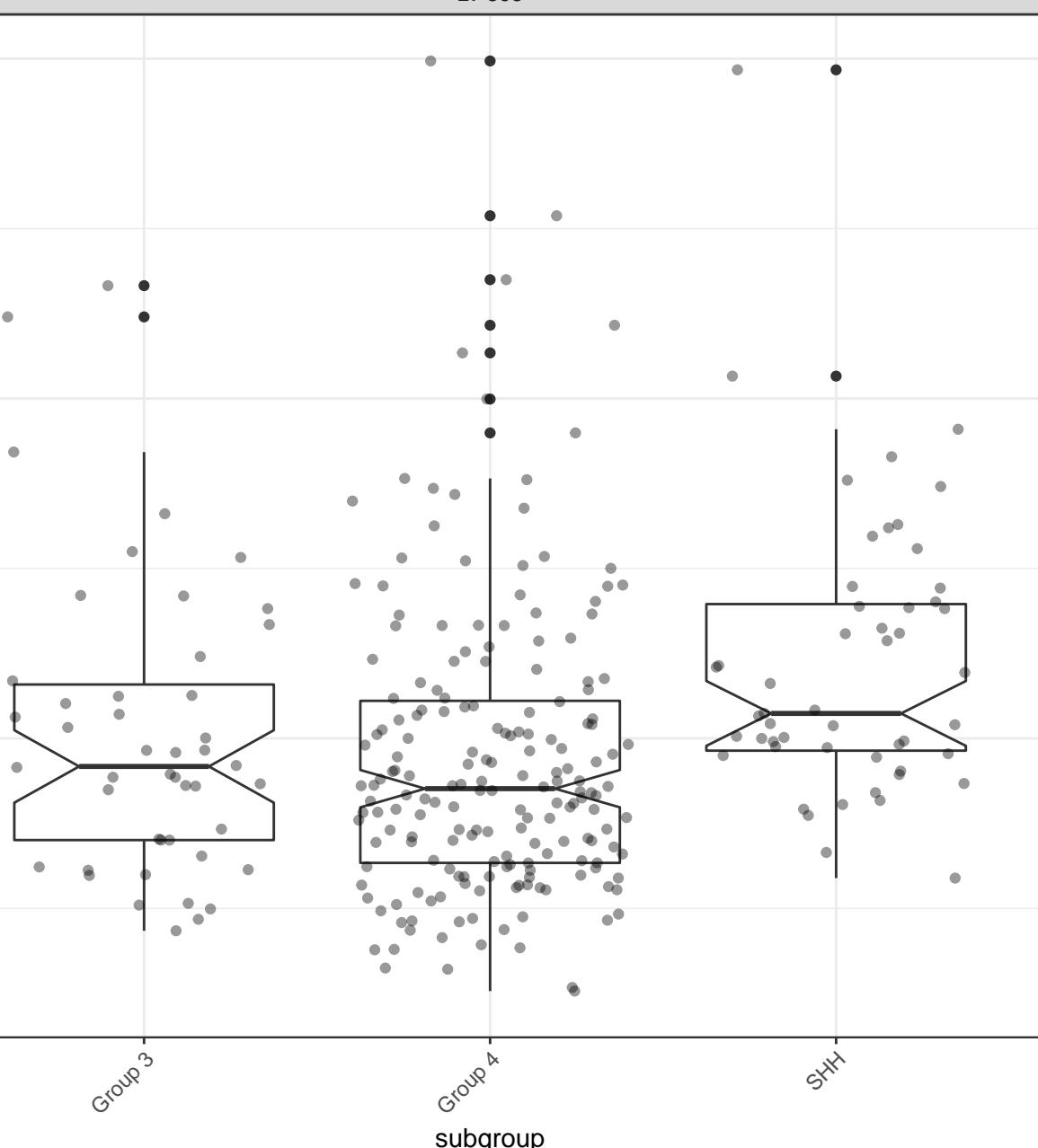
0.0

Group 3

Group 4

SHH

subgroup



599,DMAP_ERY2

Value

0.10

0.05

0.00

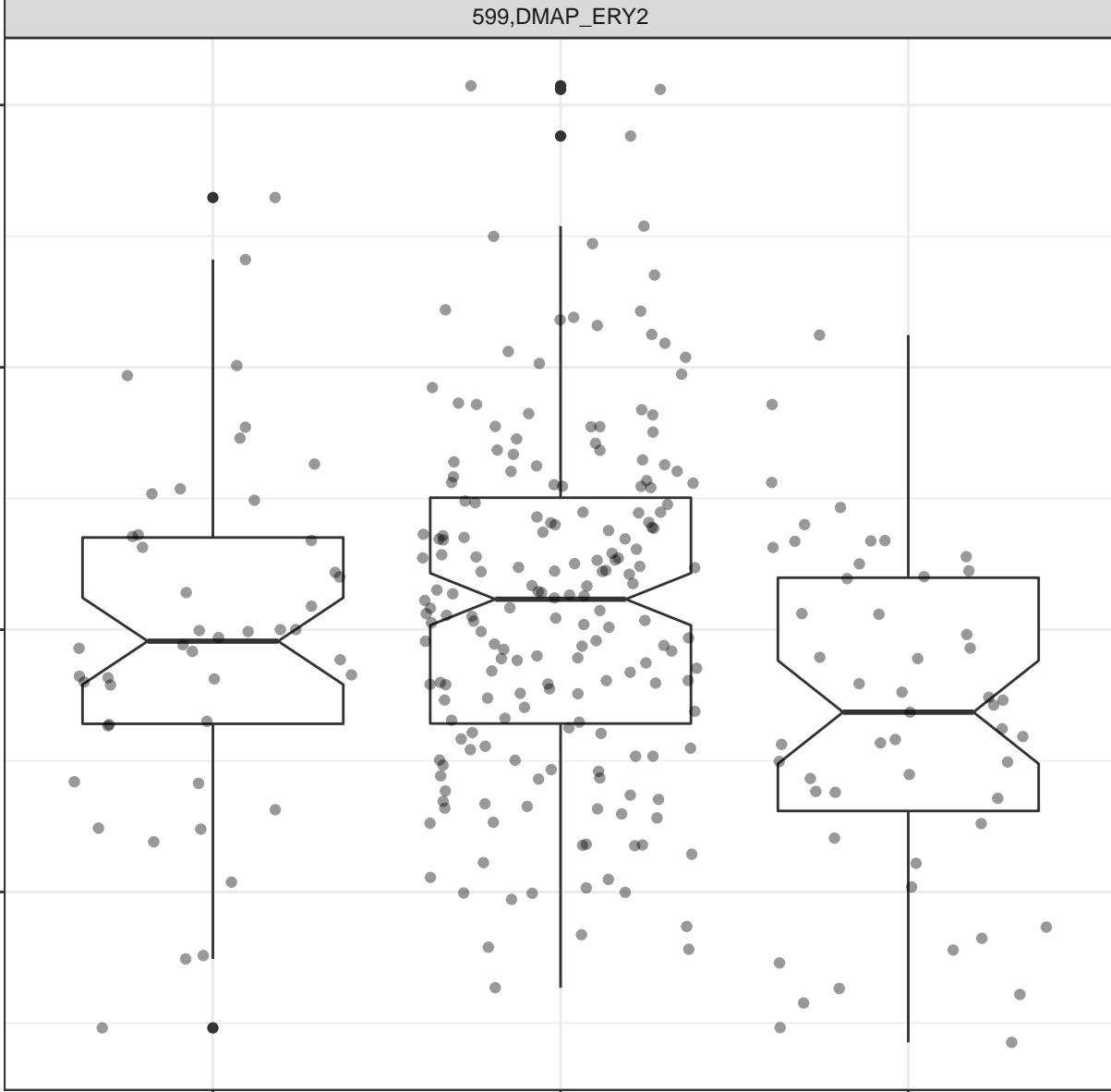
-0.05

Group 3

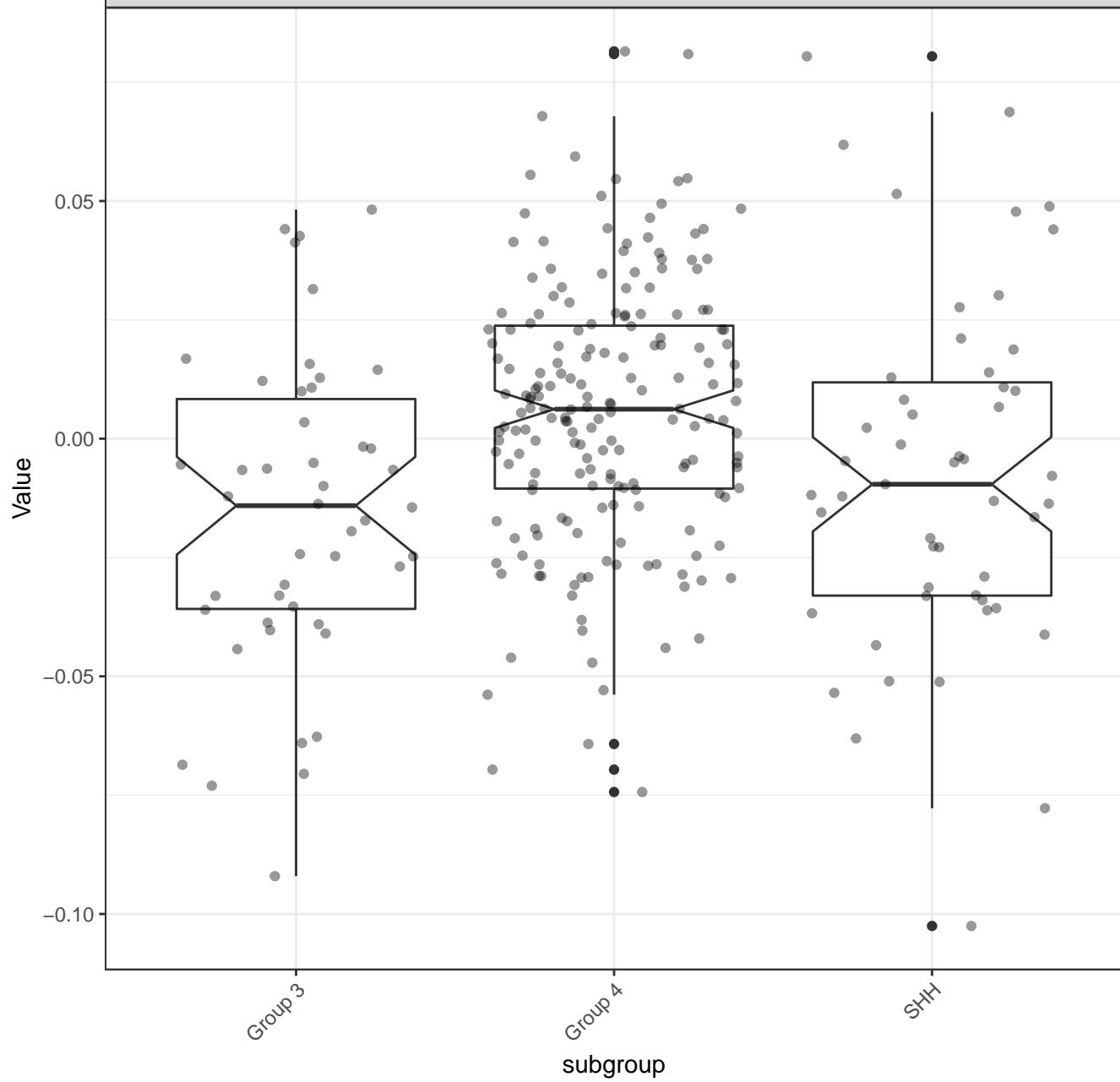
subgroup

Group 4

SHH



LV 600



LV 601

Value

0.10

0.05

0.00

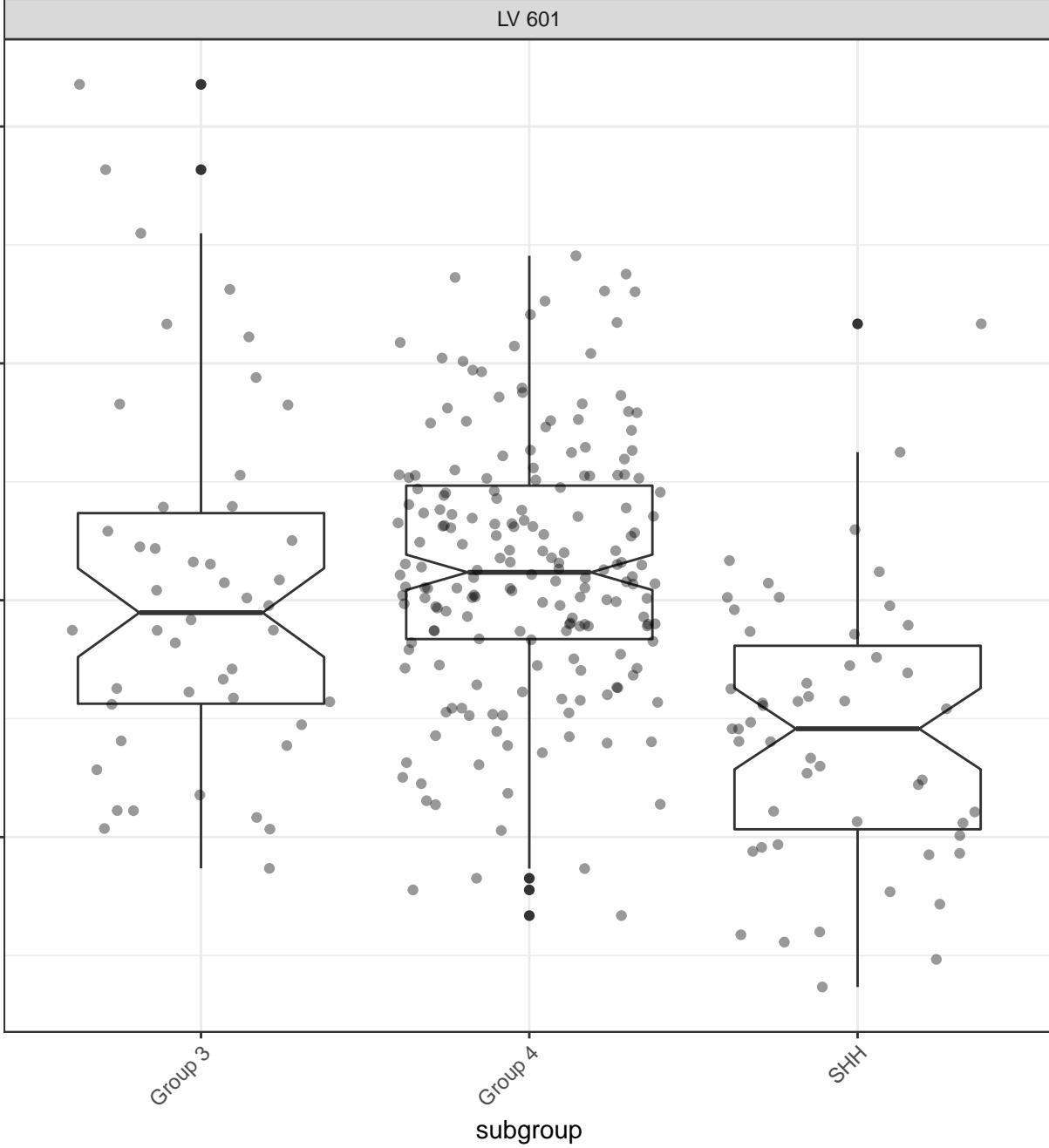
-0.05

Group 3

subgroup

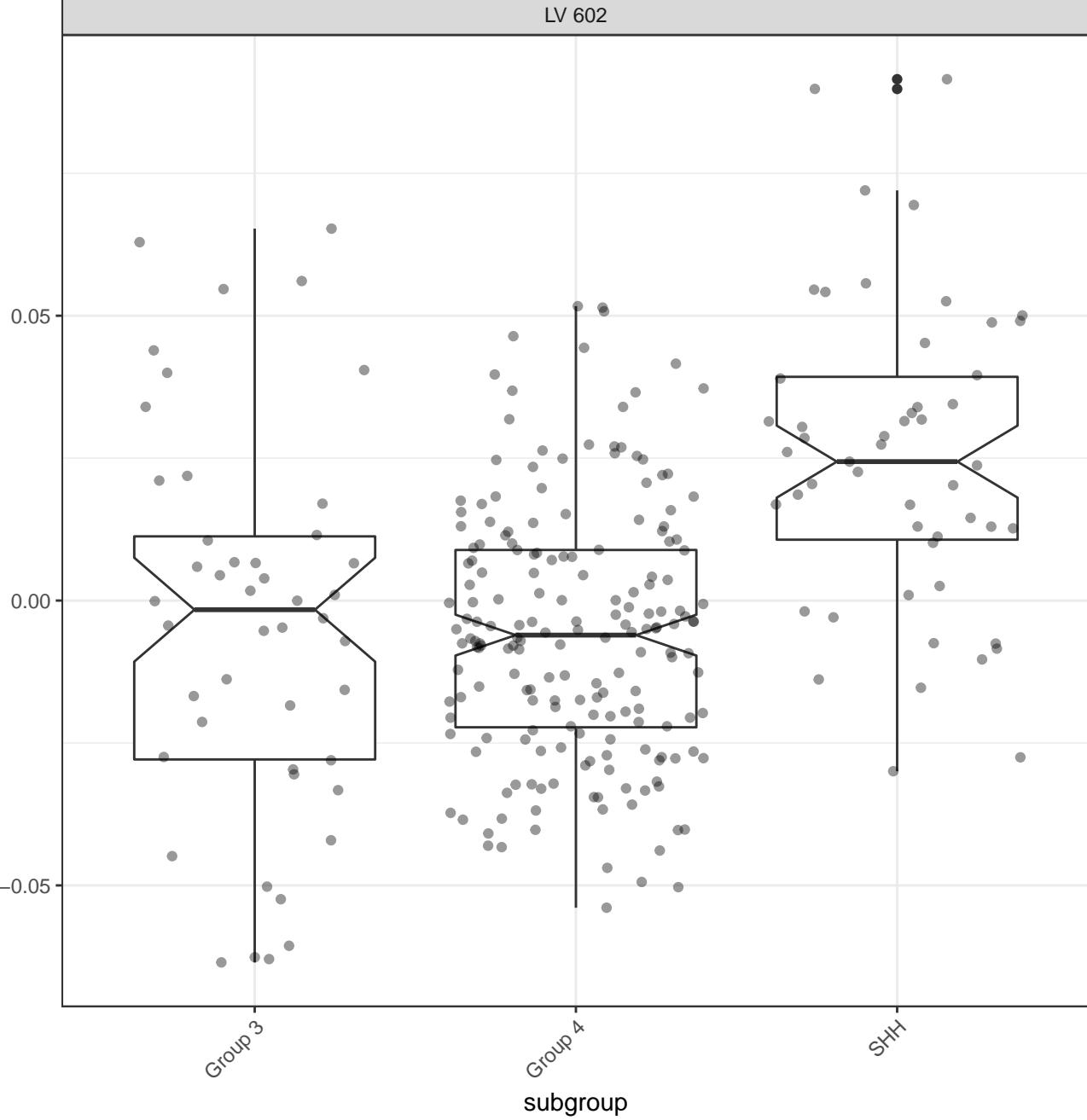
Group 4

SHH



LV 602

Value



603,SVM Neutrophils

Value

0.3

0.2

0.1

0.0

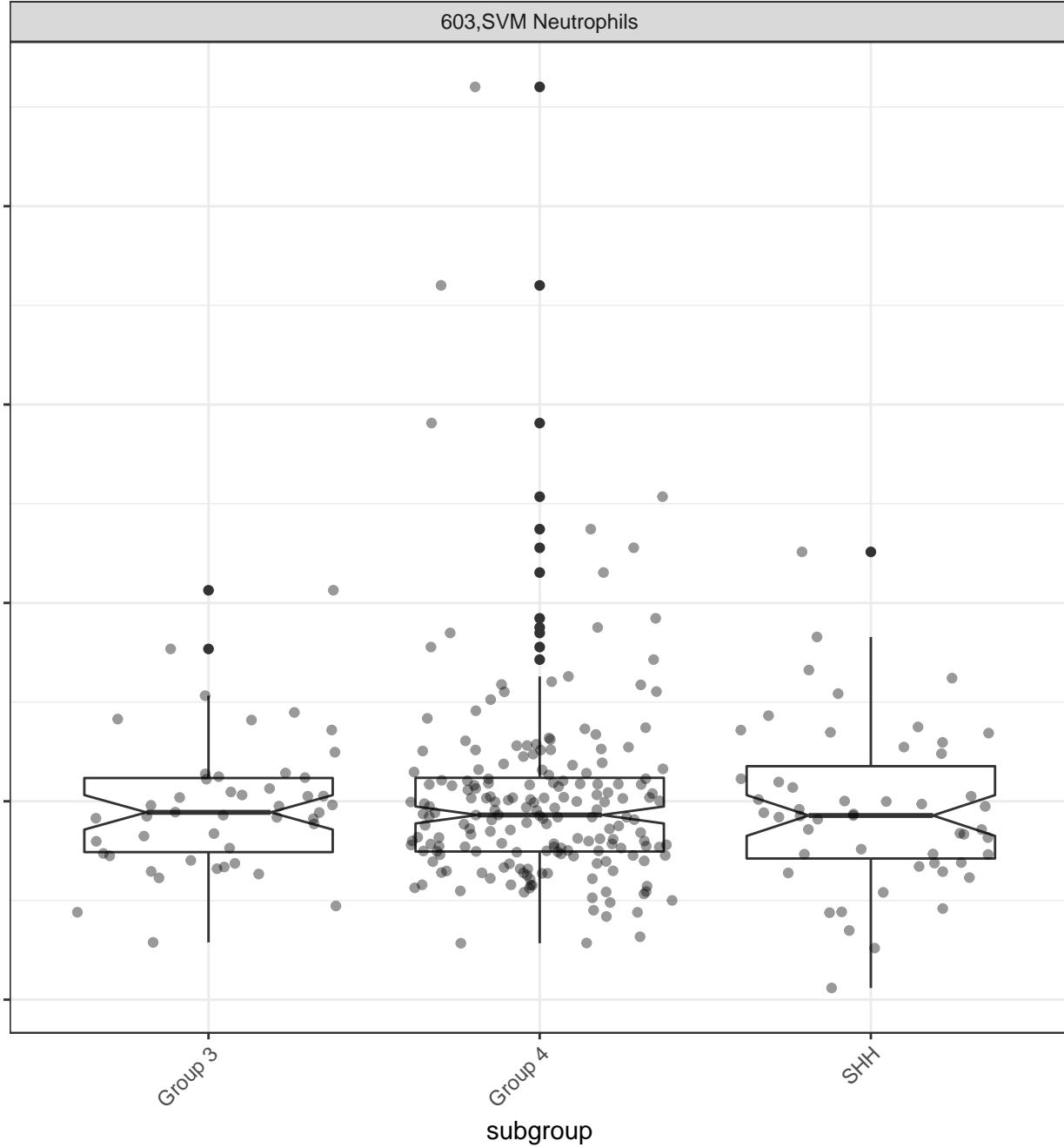
-0.1

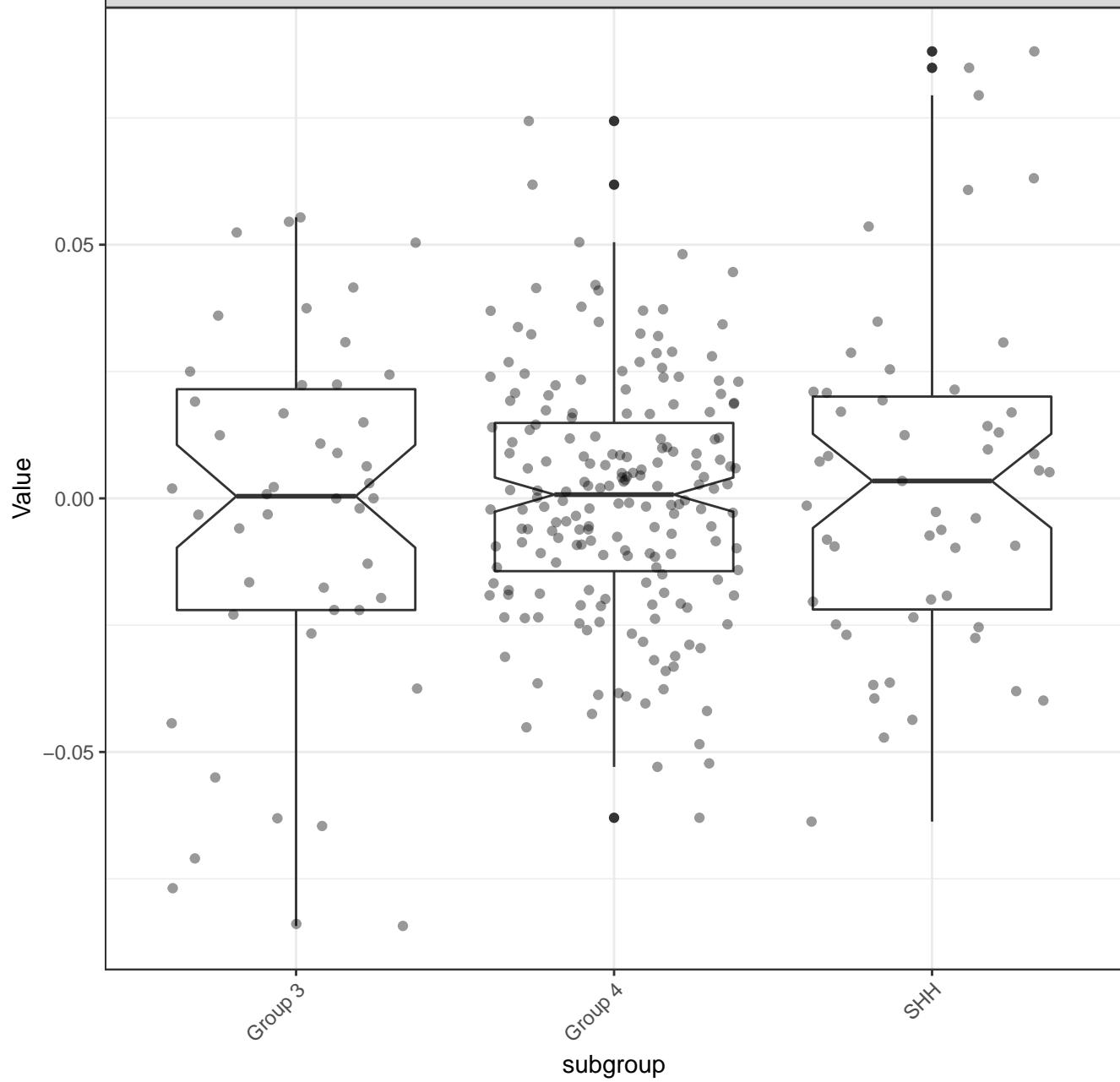
Group 3

Group 4

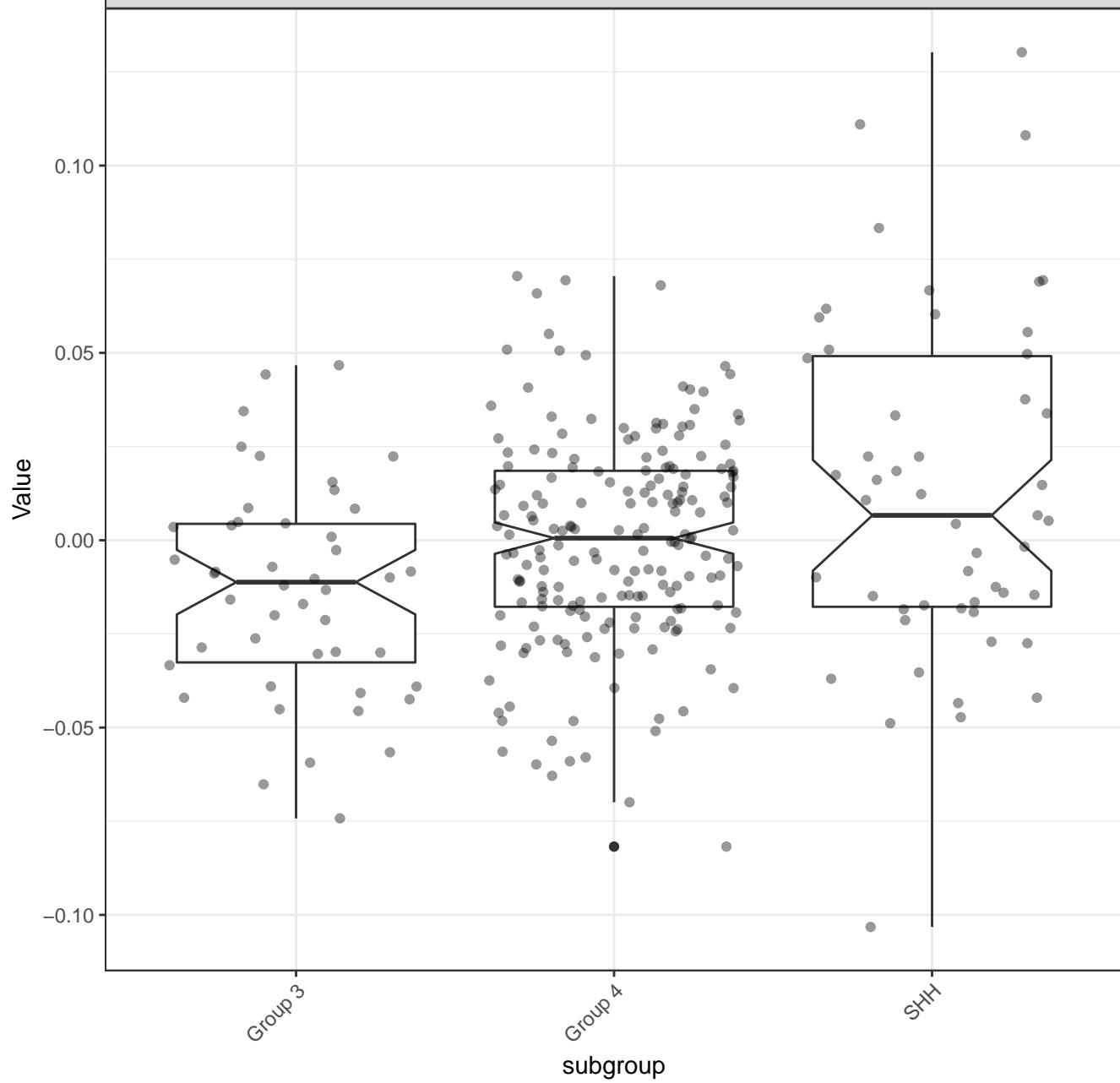
SHH

subgroup

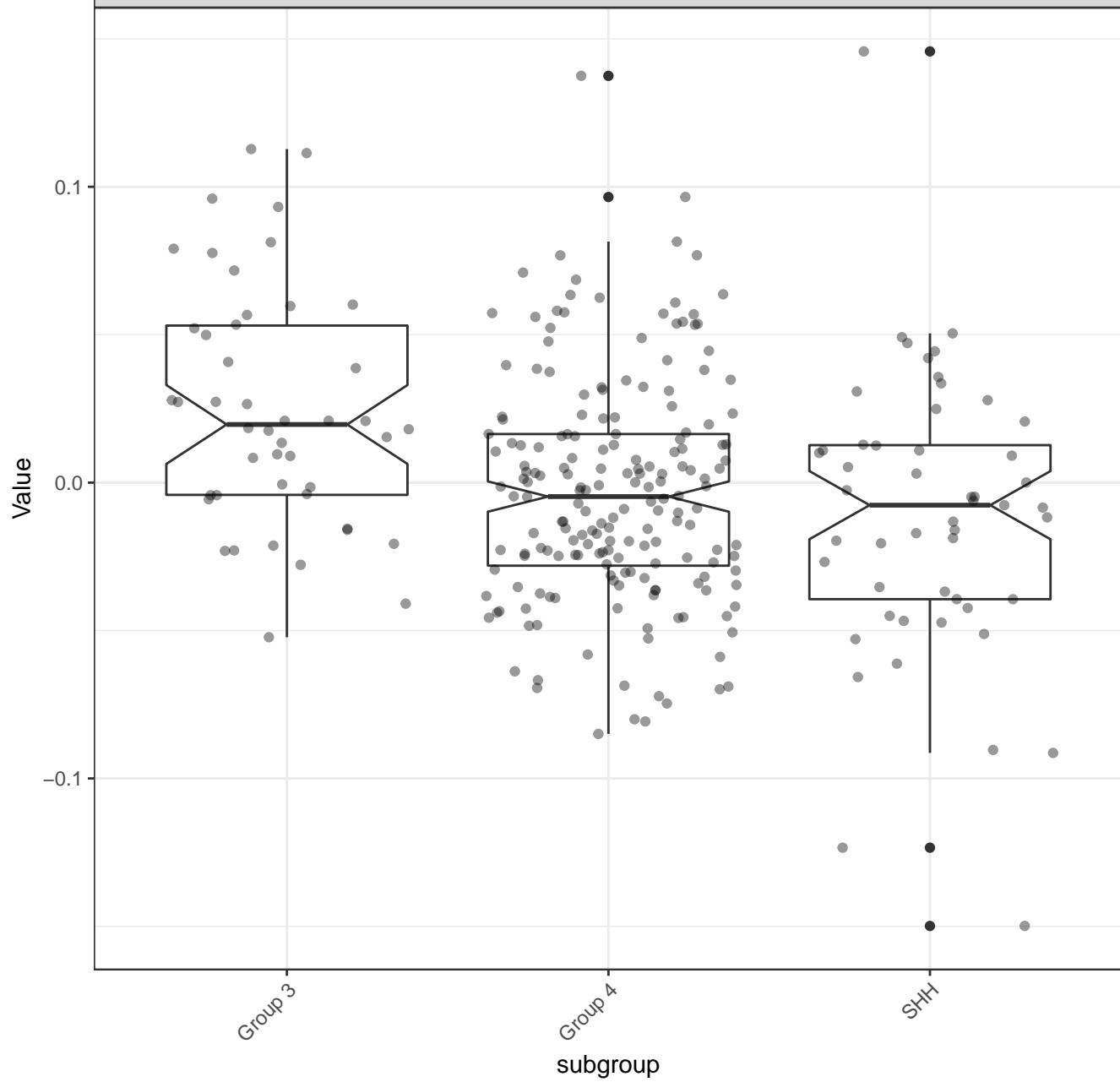




605,ST_B_CELL_ANTIGEN_RECECTOR



LV 606



LV 607

Value

0.1

0.0

-0.1

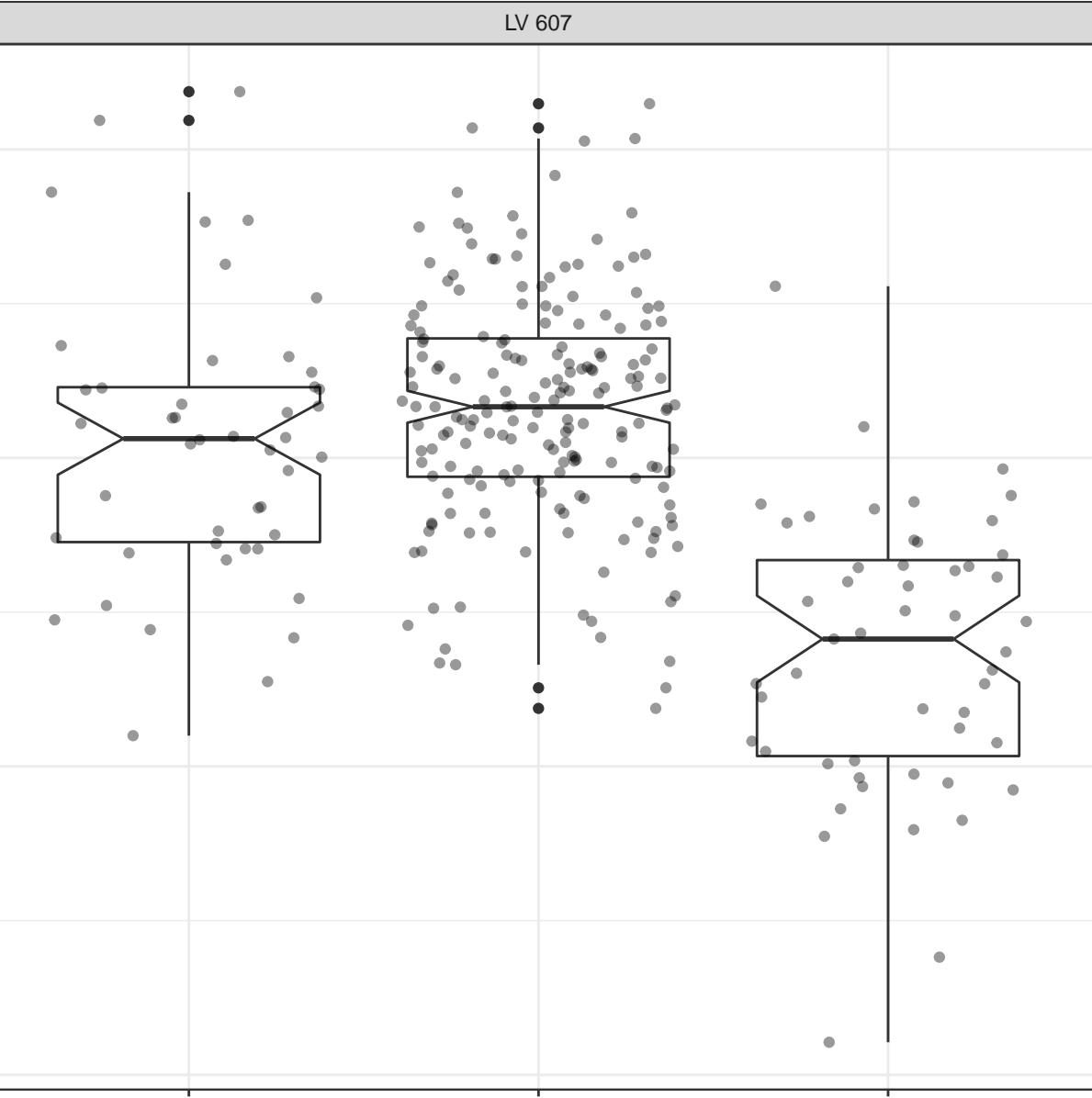
-0.2

Group 3

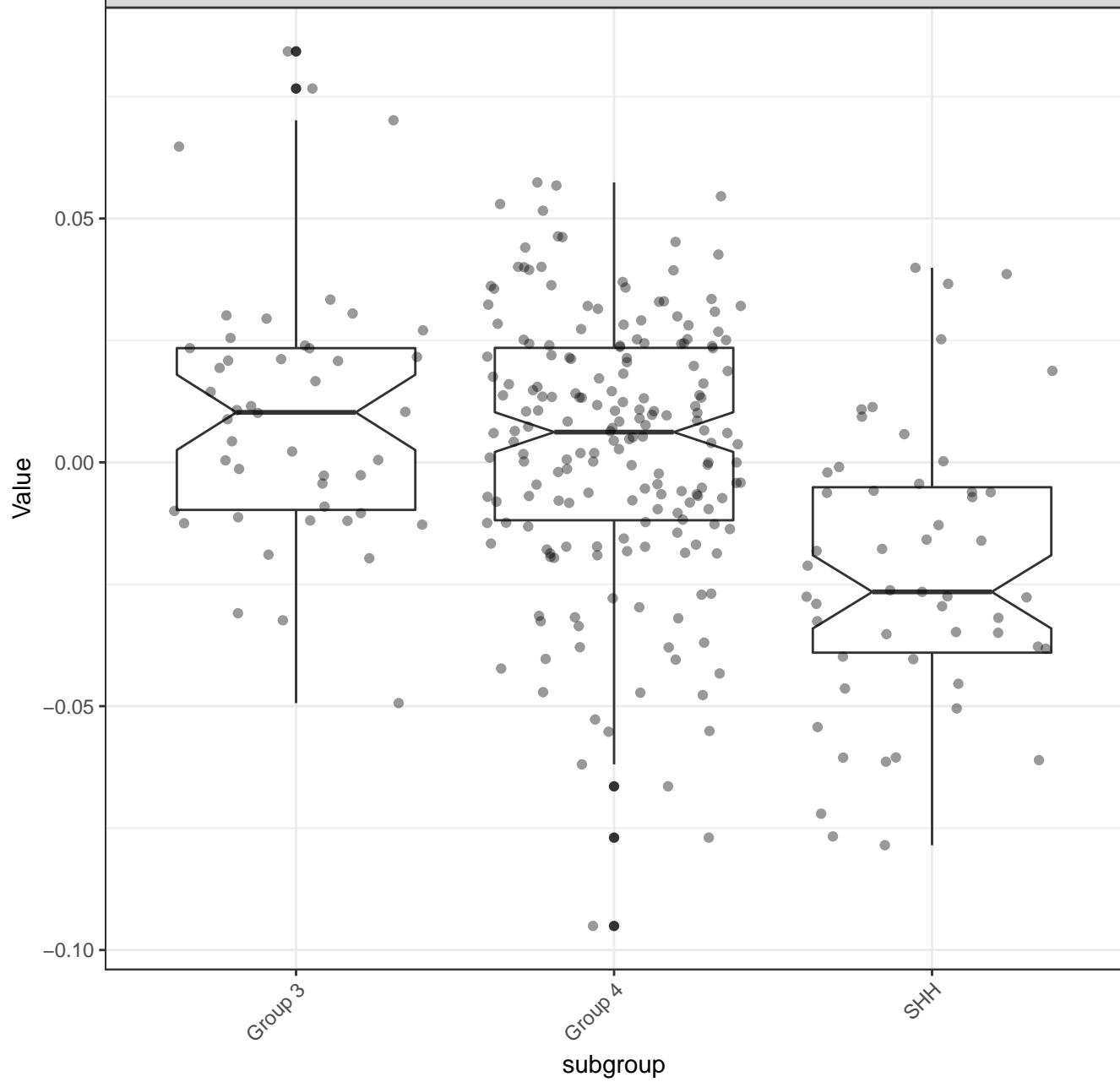
Group 4

SHH

subgroup



LV 608



LV 609

Value

0.10

0.05

0.00

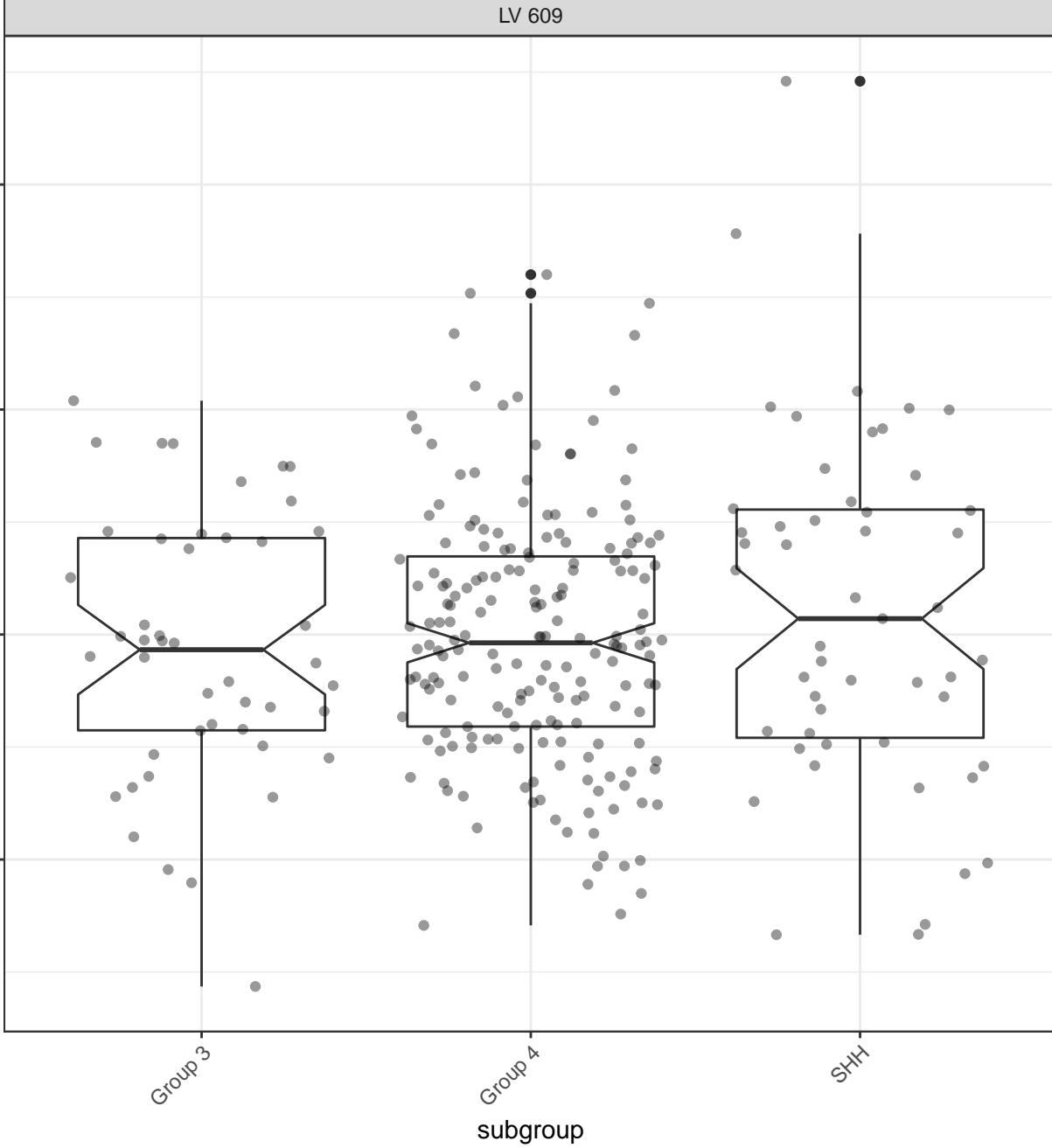
-0.05

Group 3

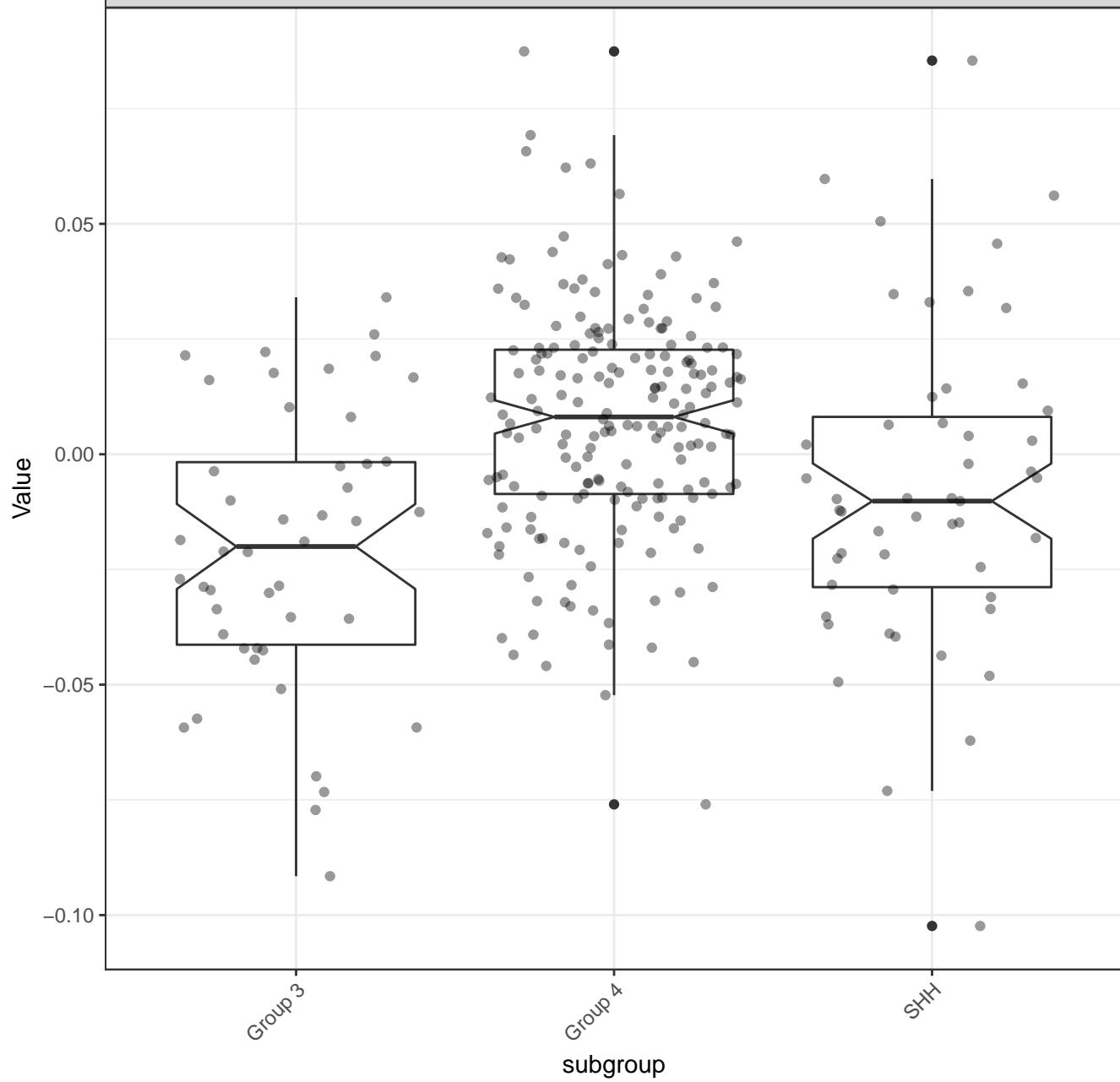
Group 4

SHH

subgroup



LV 610



LV 611

Value

0.10

0.05

0.00

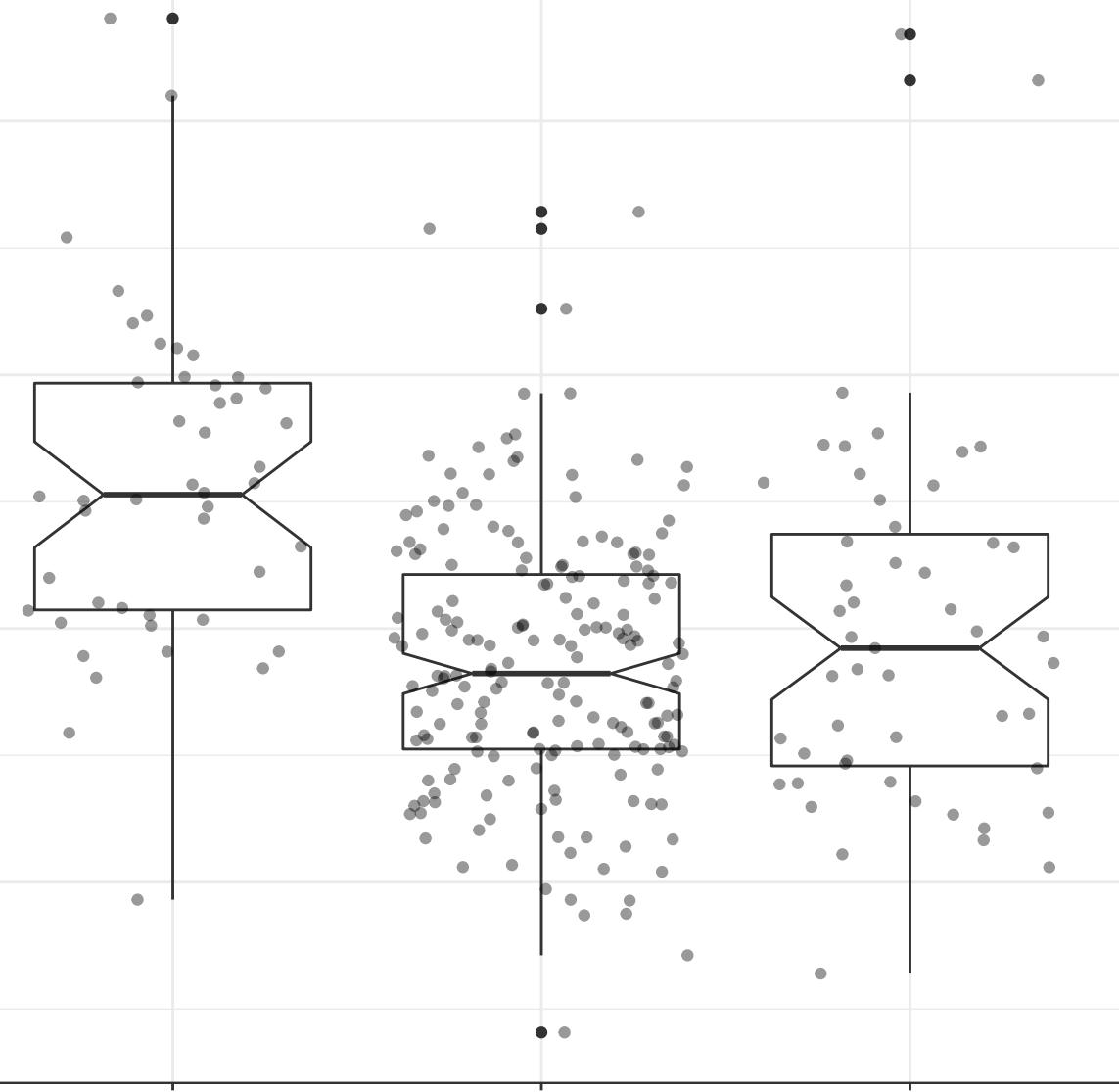
-0.05

Group 3

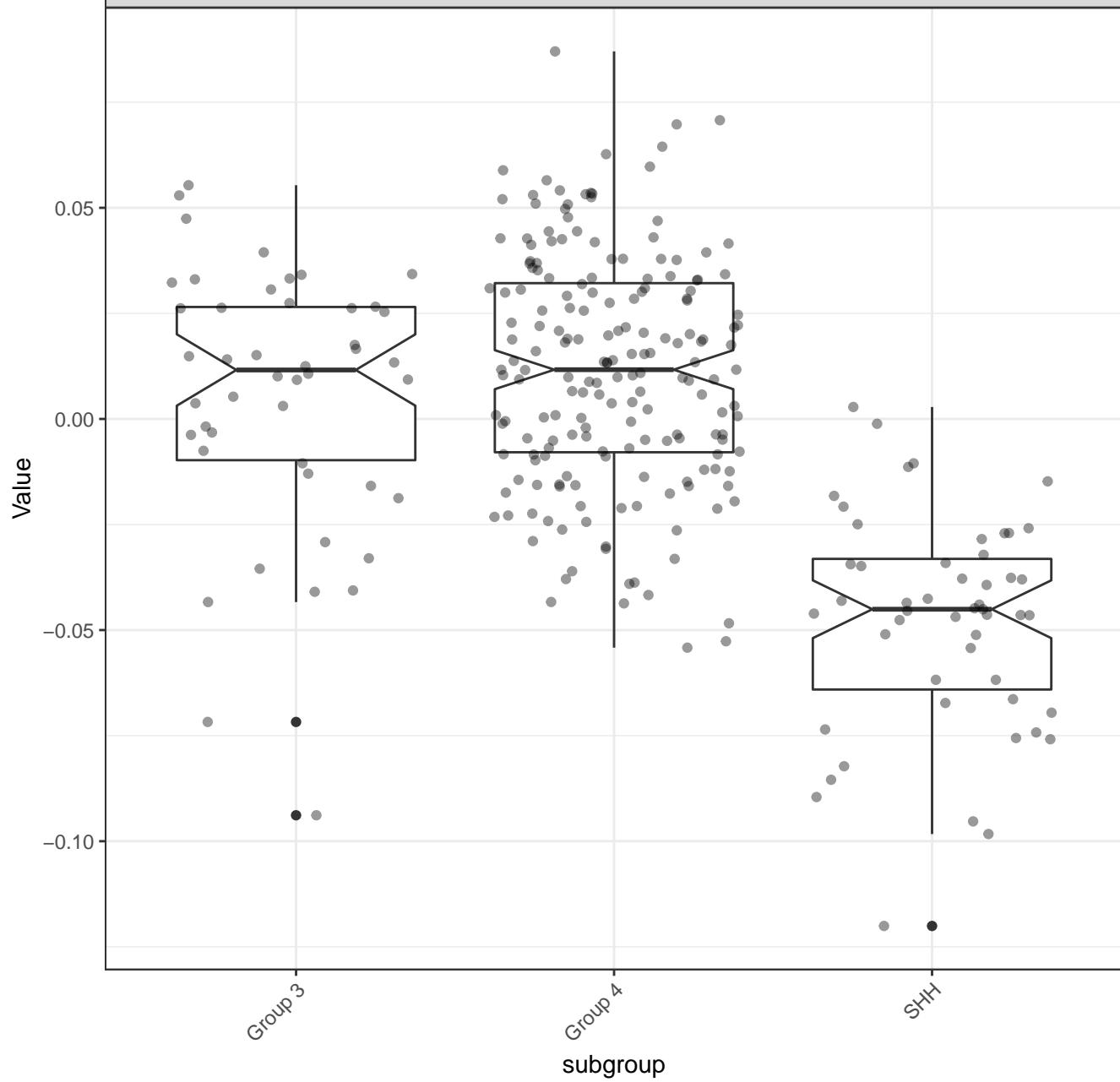
subgroup

SHH

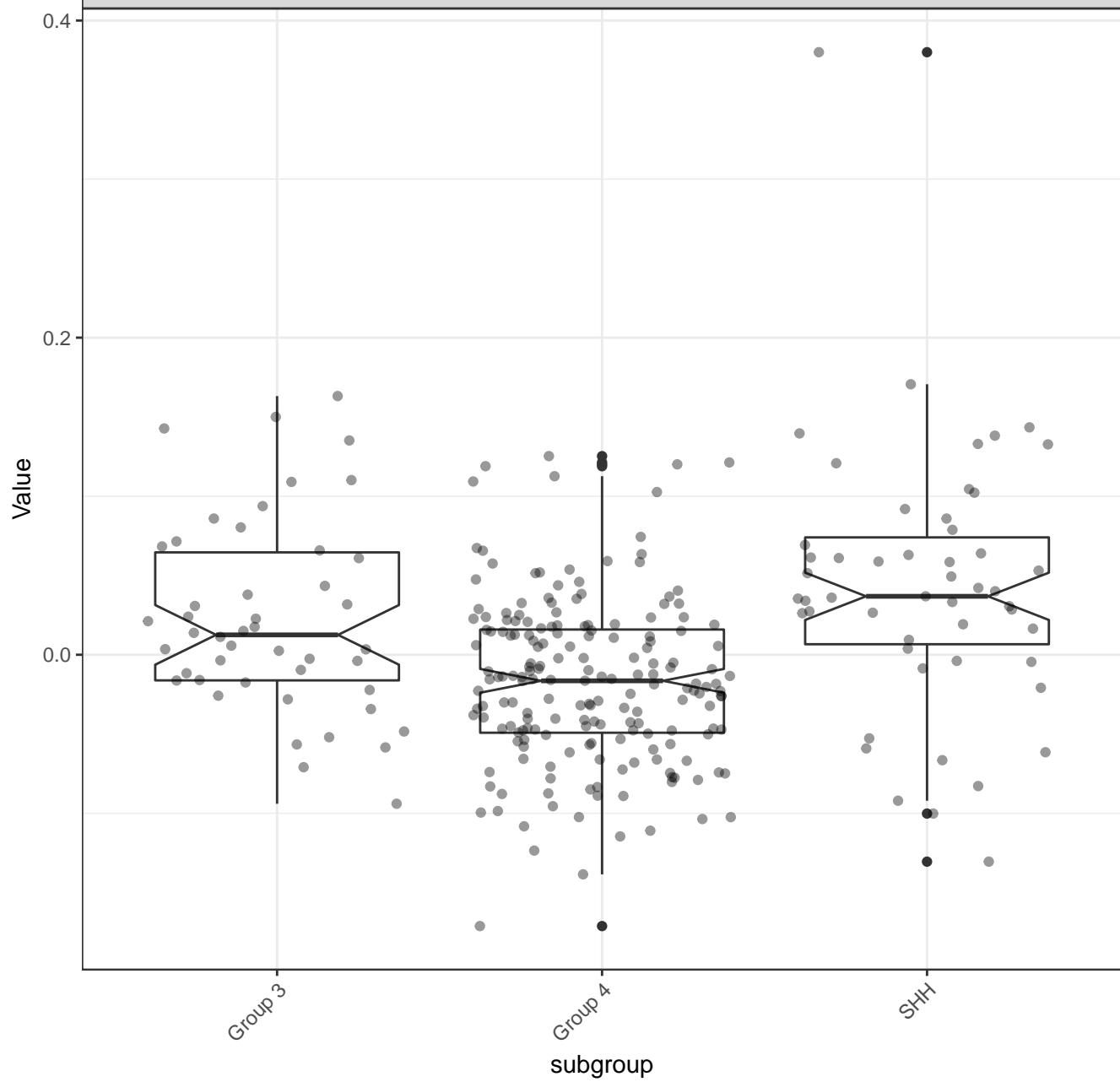
Group 4



612,REACTOME_GAB1_SIGNALOSOME



613,KEGG_LYSOSOME



LV 614

Value

0.10

0.05

0.00

-0.05

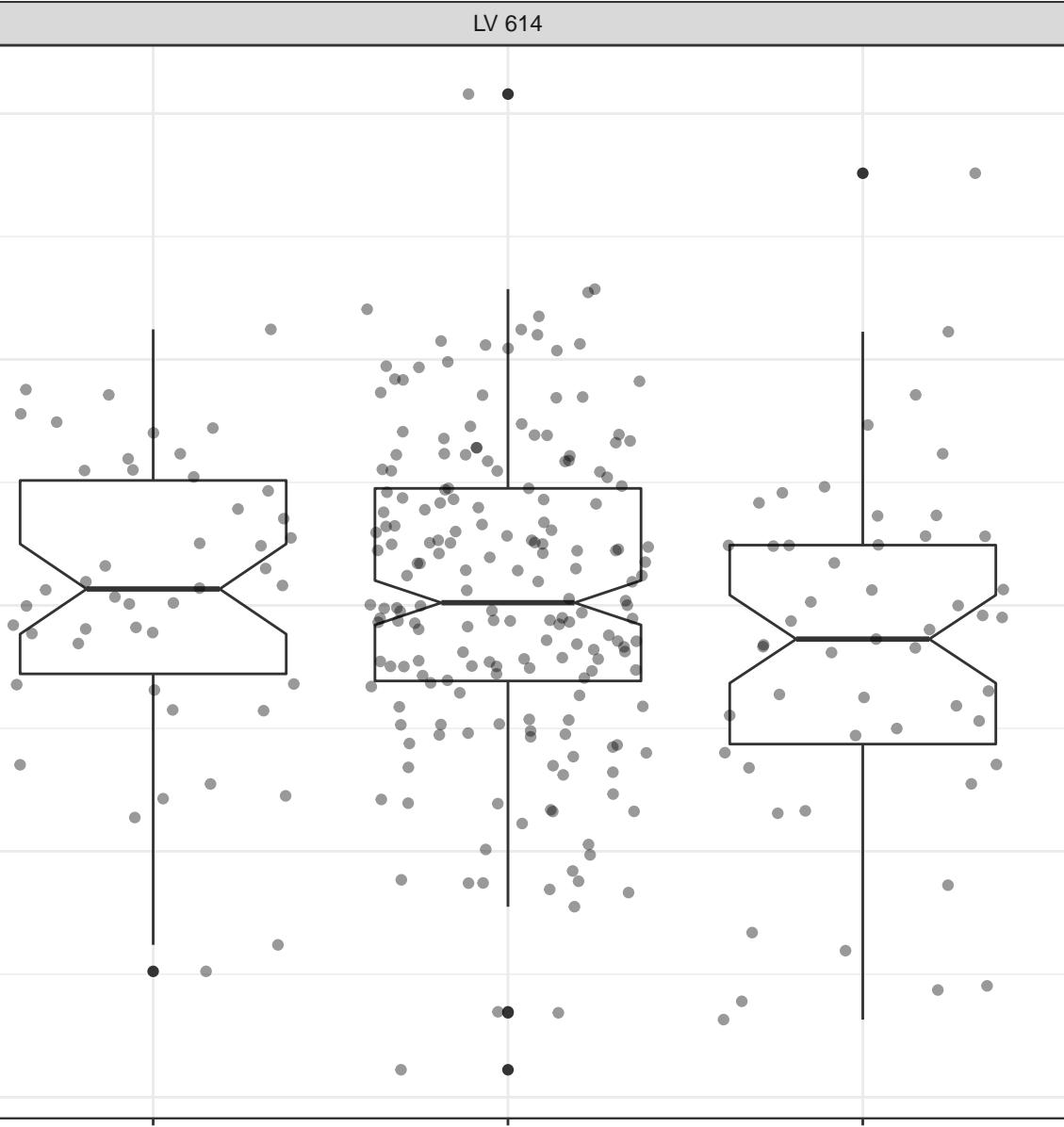
-0.10

Group 3

Group 4

SHH

subgroup



LV 615

Vvalue

0.10

0.05

0.00

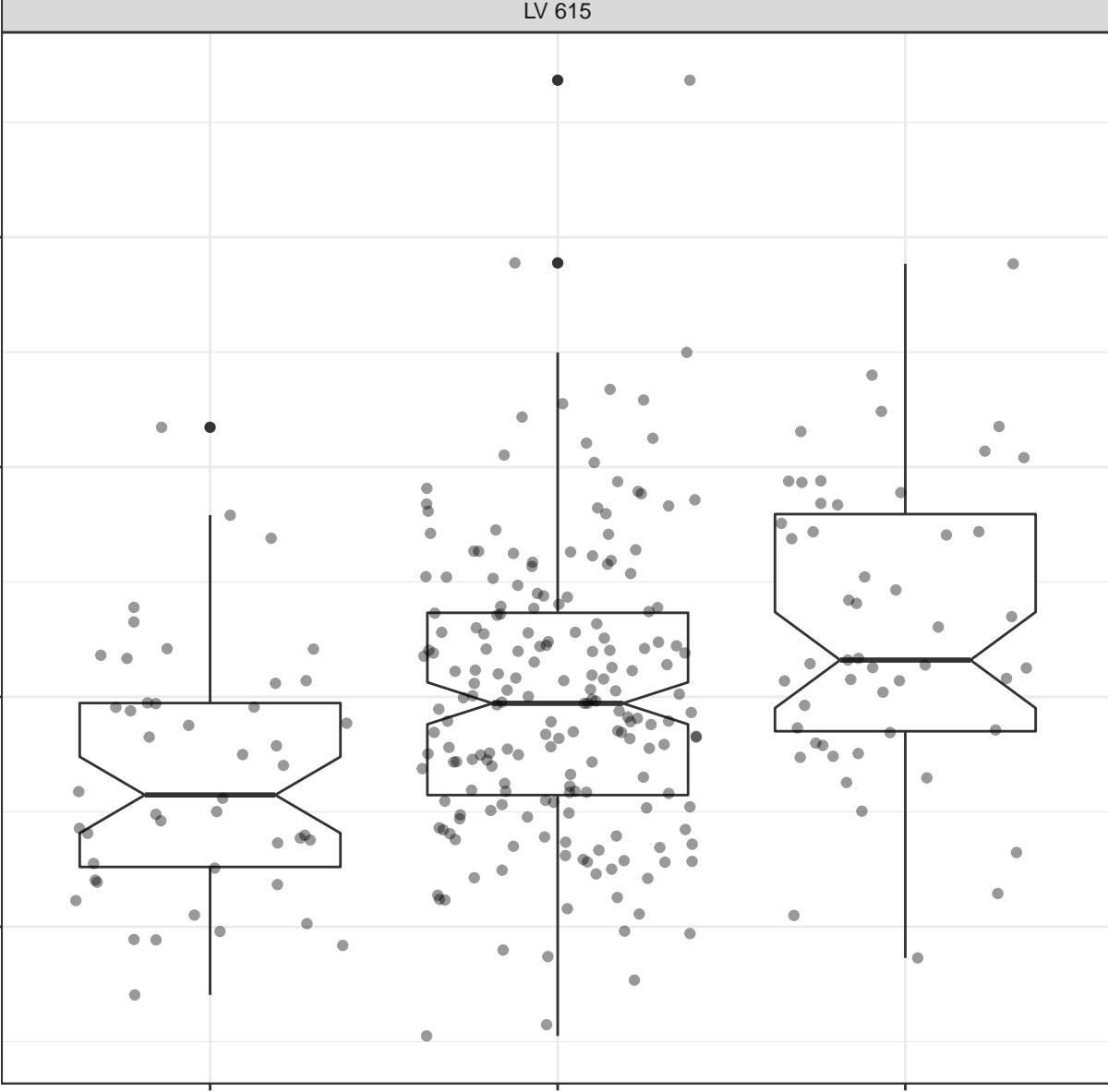
-0.05

Group 3

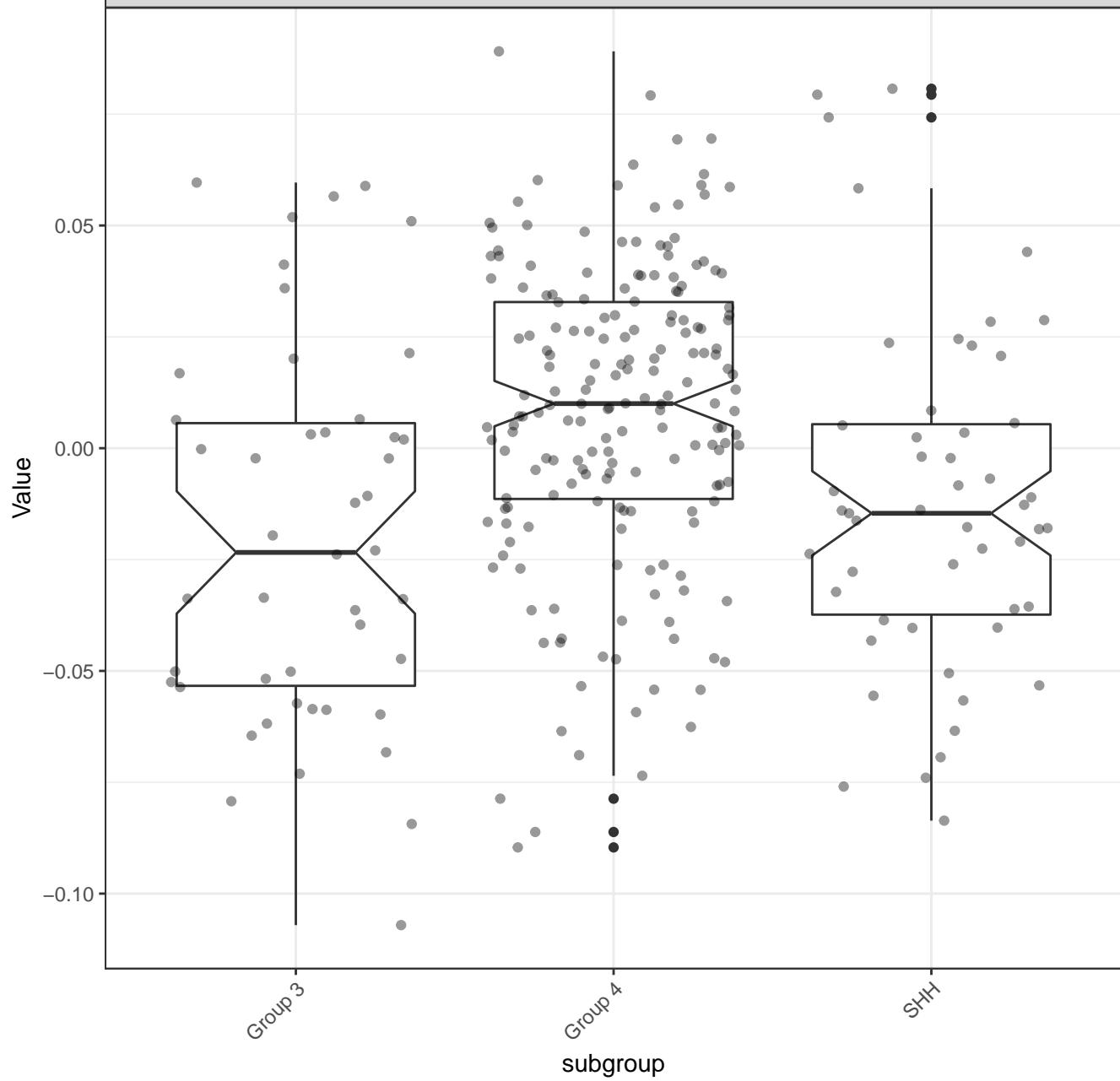
Group 4

SHH

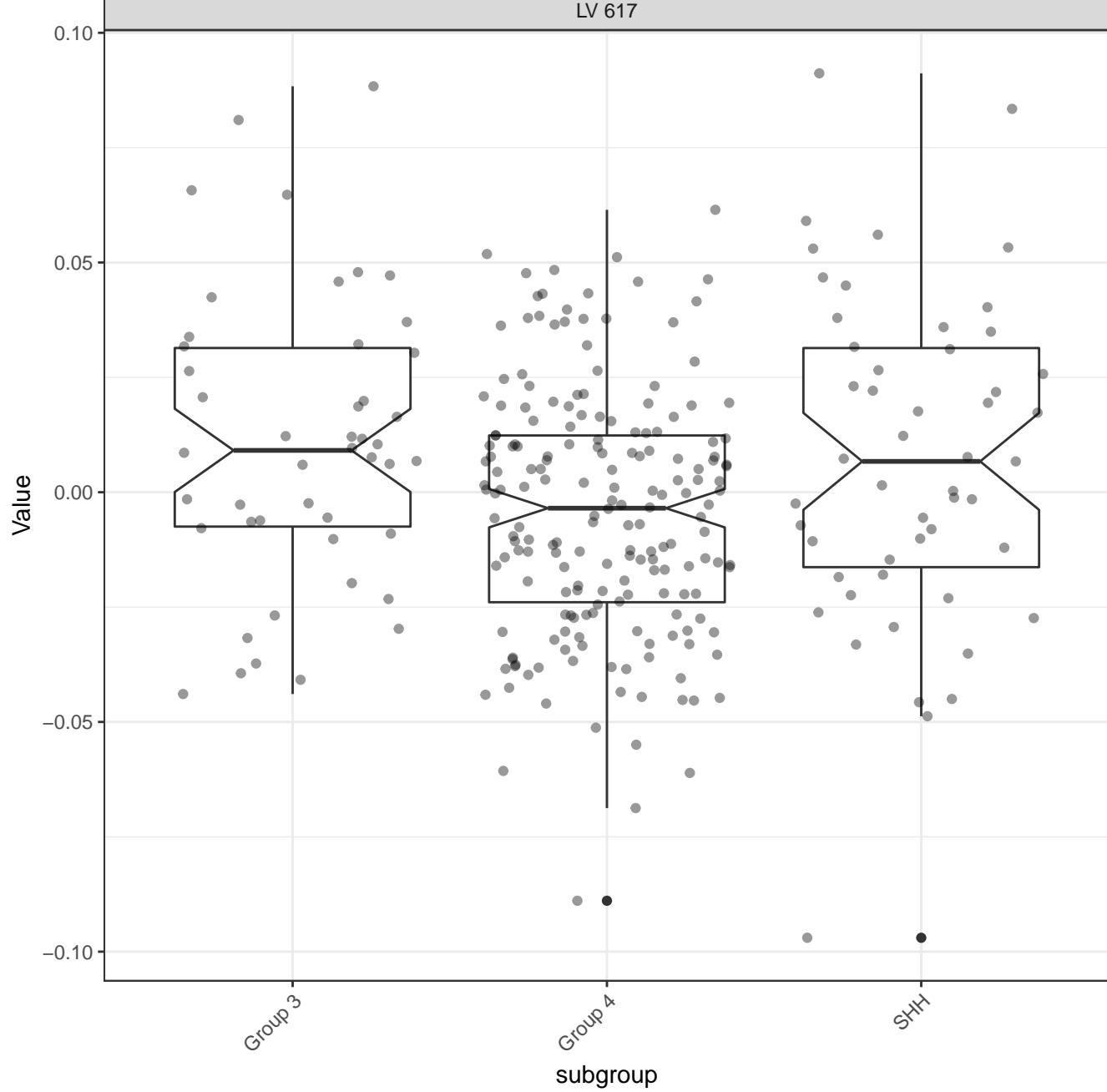
subgroup



LV 616



LV 617



LV 618

Value

0.4

0.3

0.2

0.1

0.0

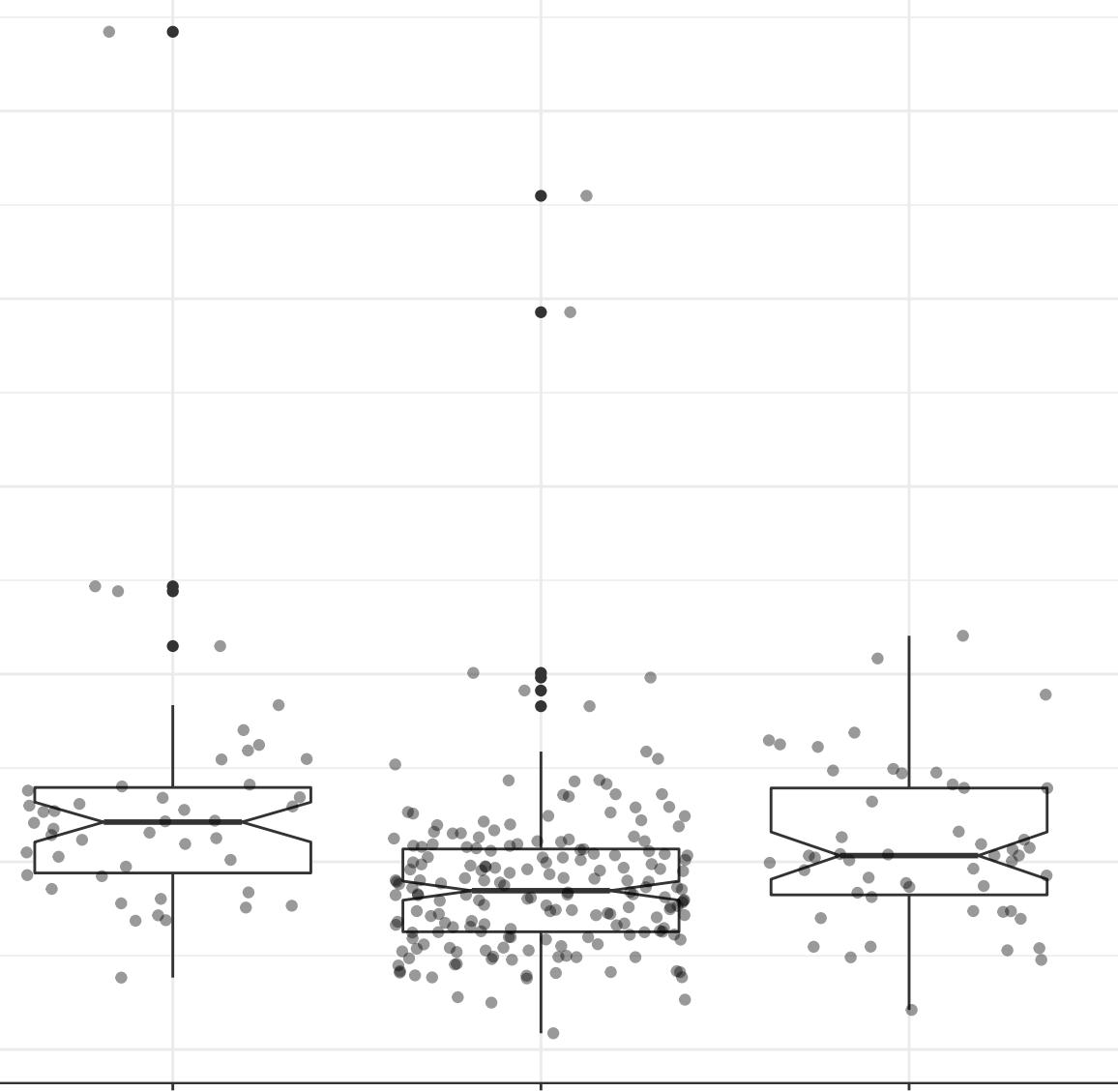
-0.1

Group 3

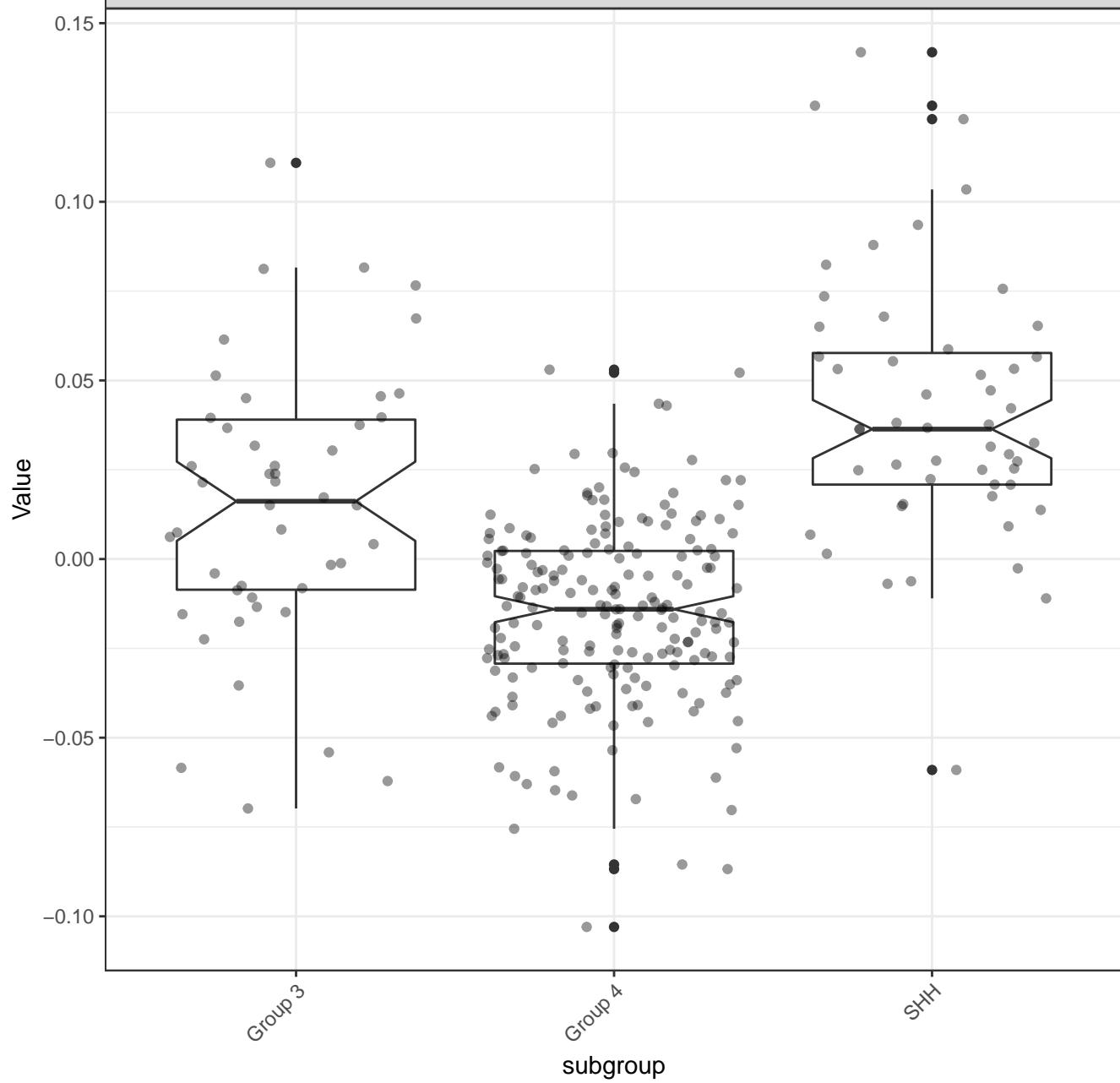
subgroup

Group 4

SHH



LV 619



Value

0.05

0.01

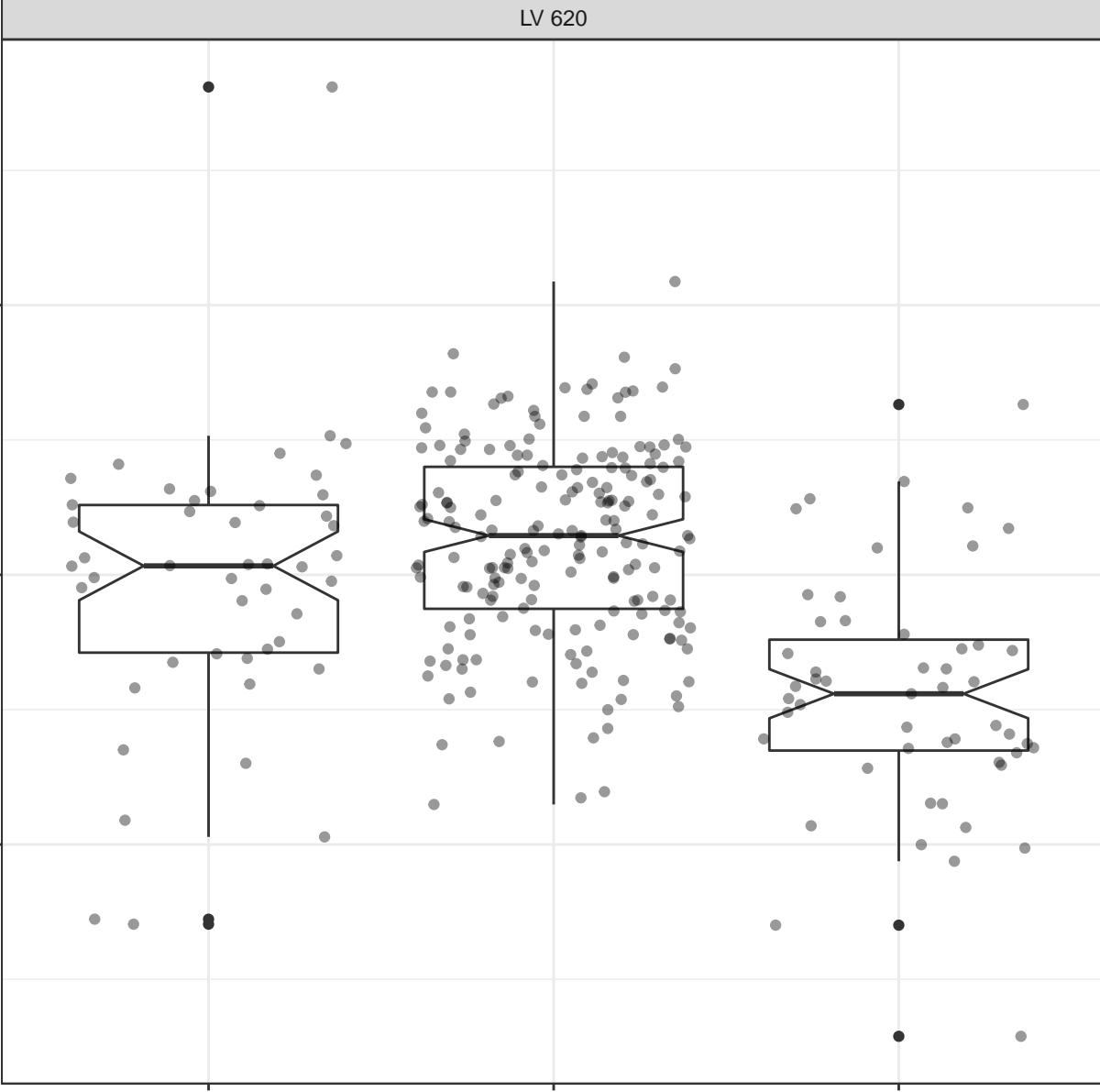
-0.05

Group 3

Group 4

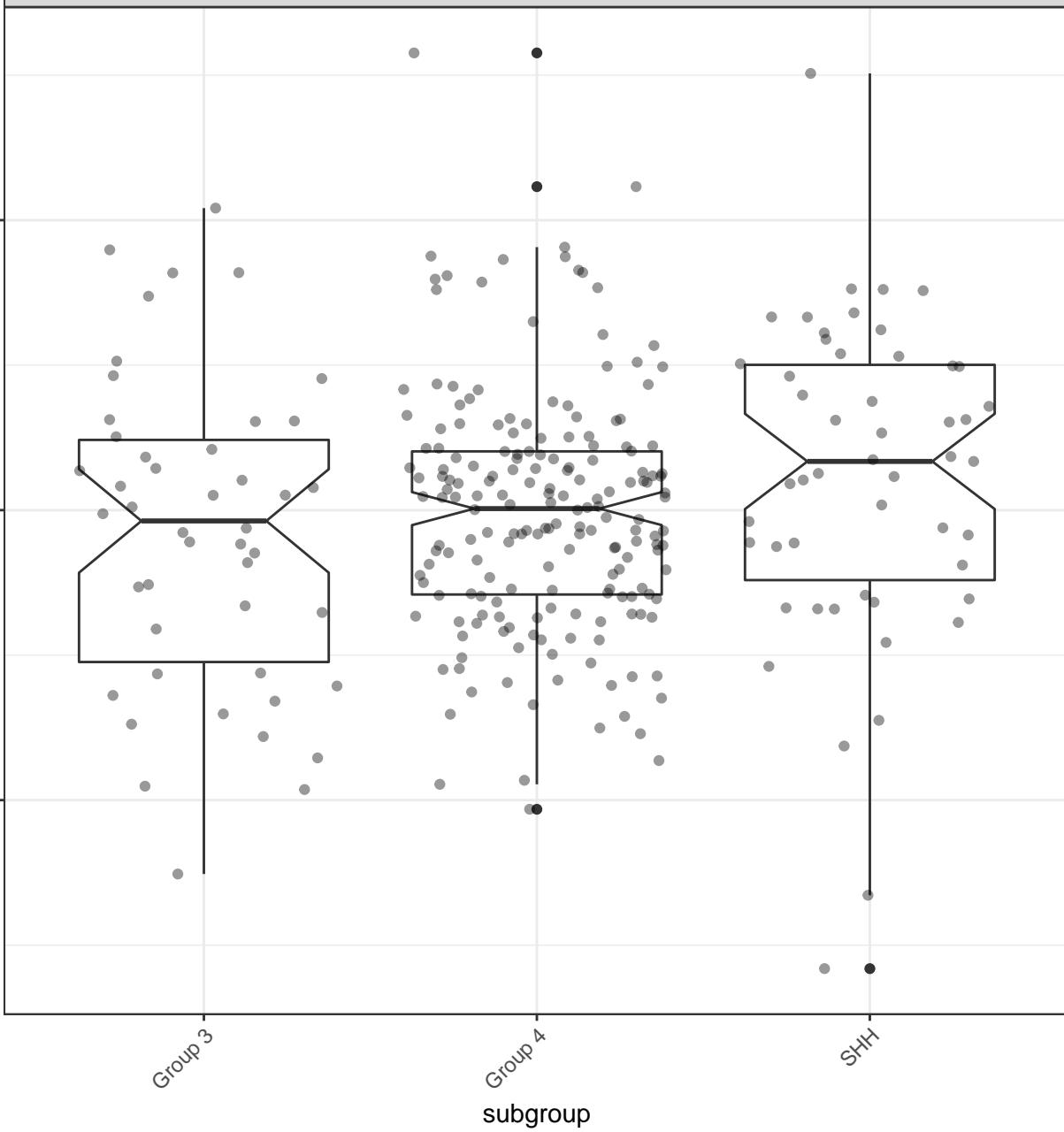
SHH

subgroup

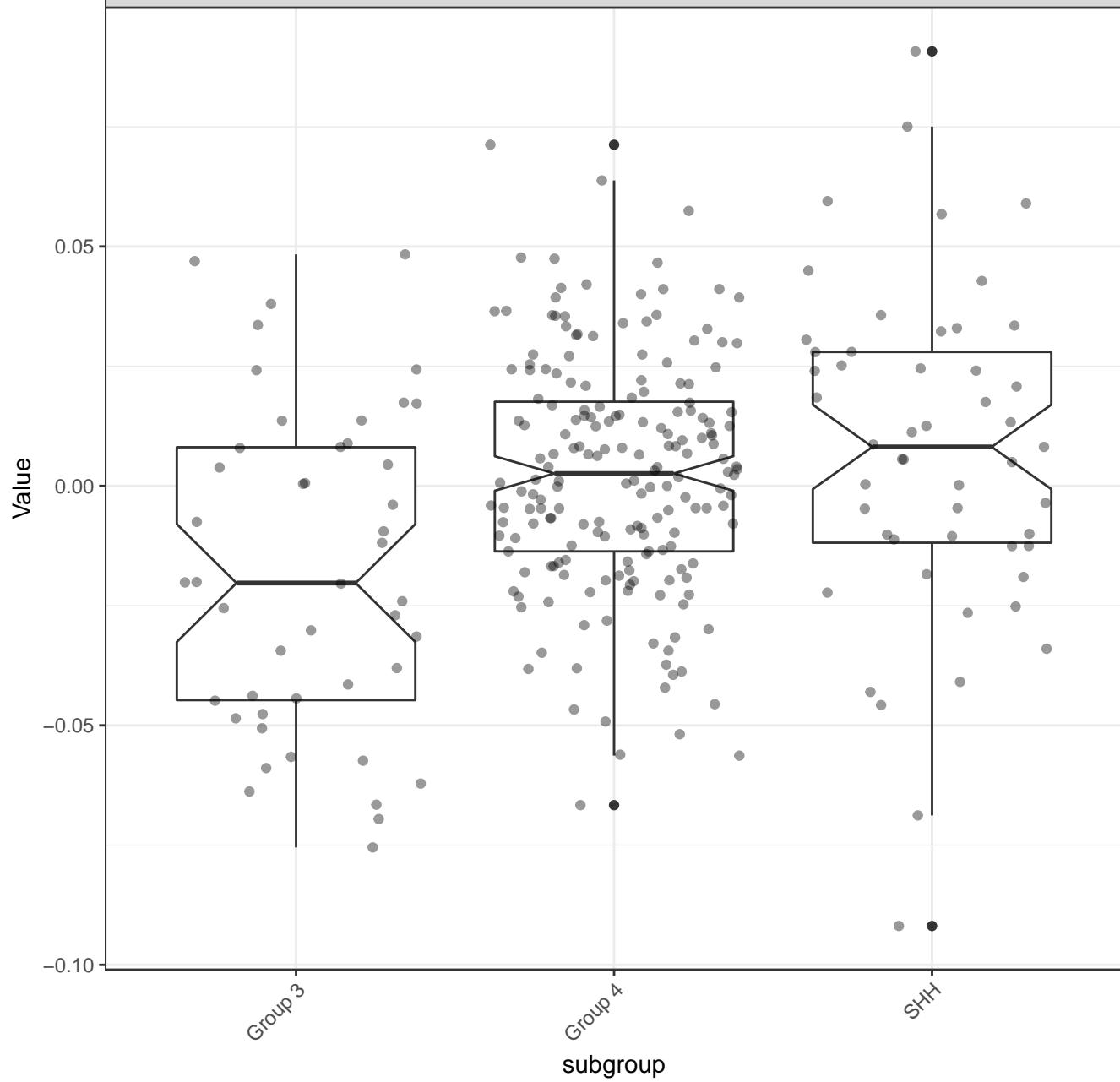


LV 621

Value

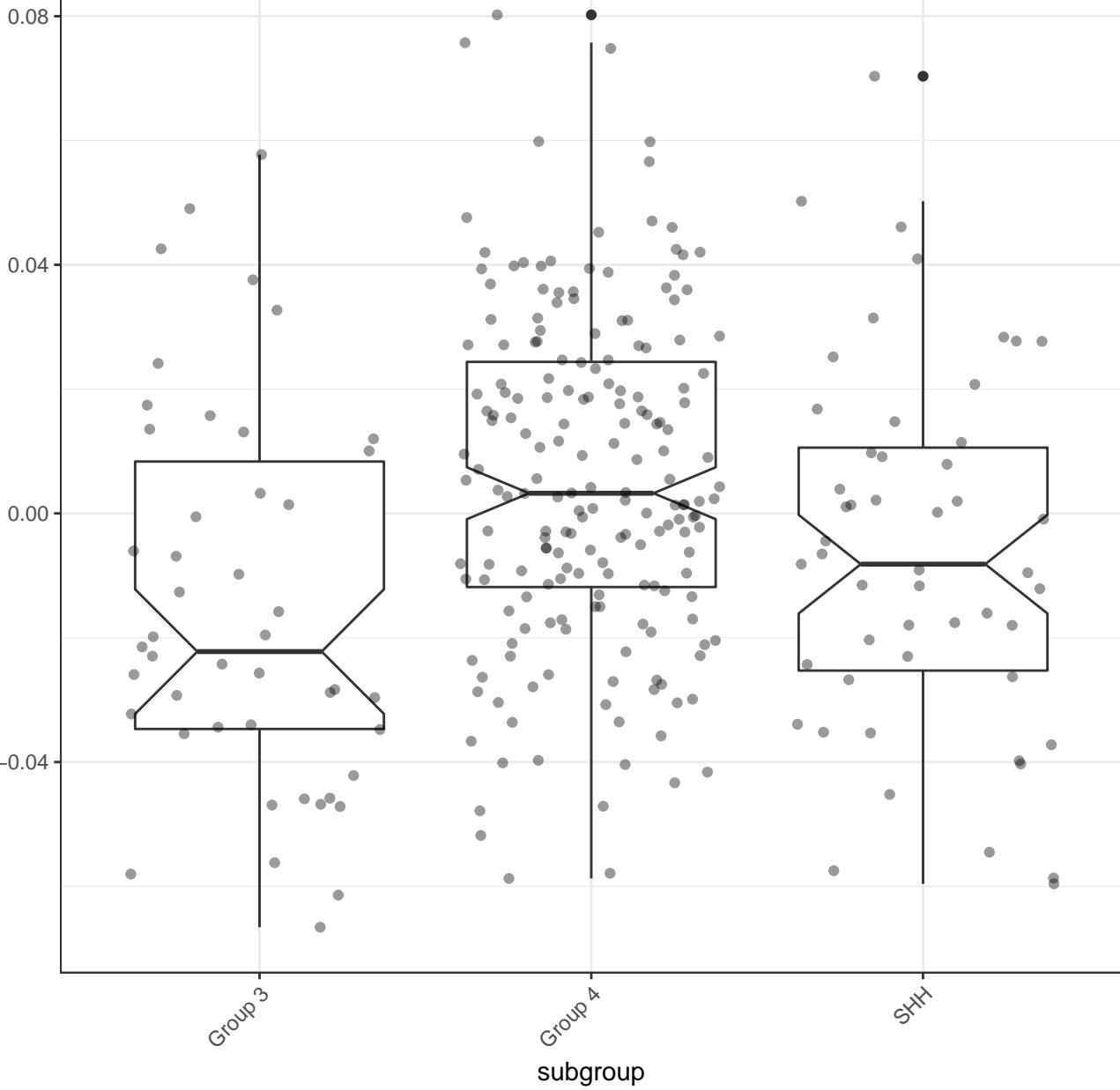


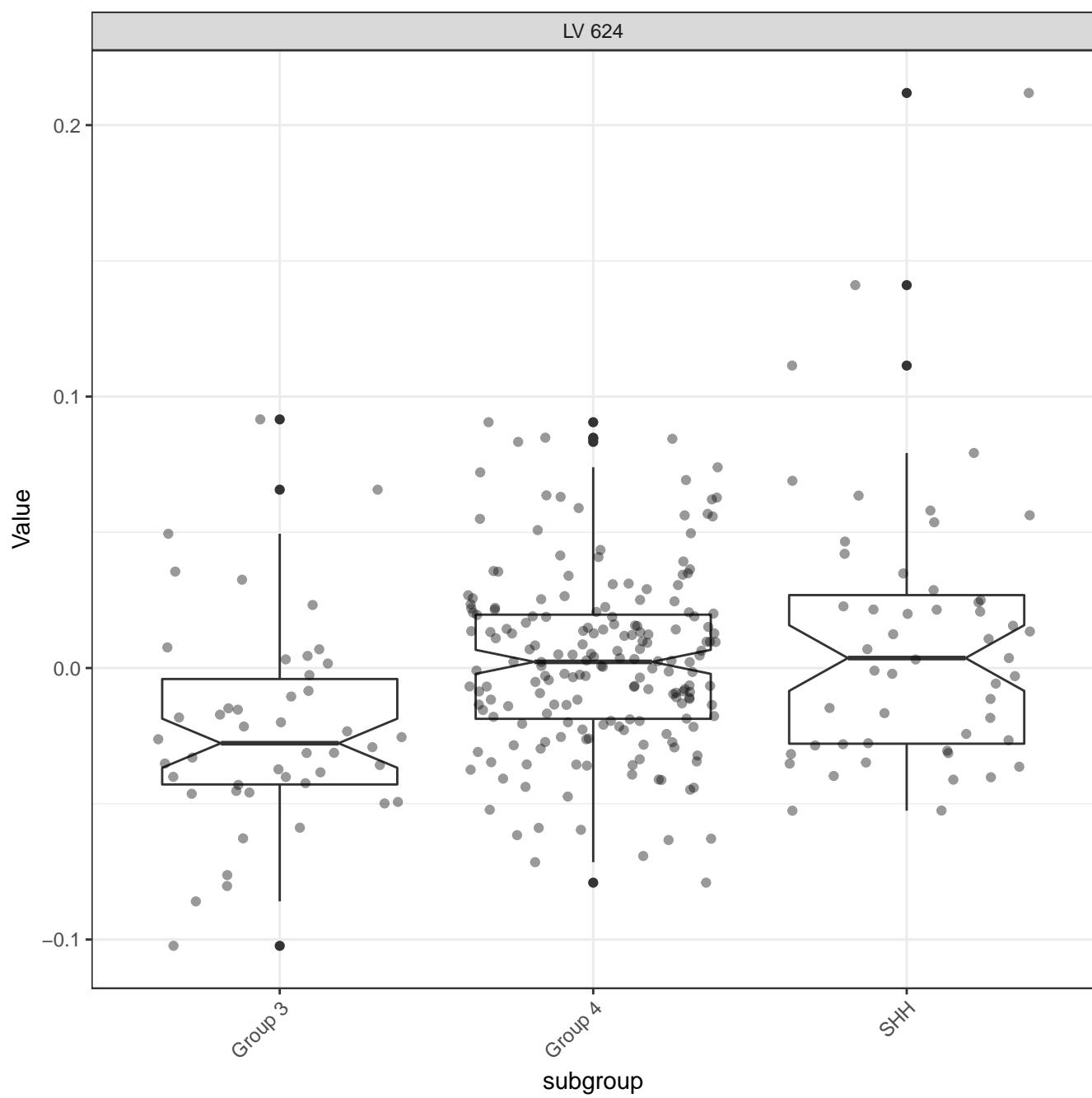
LV 622



LV 623

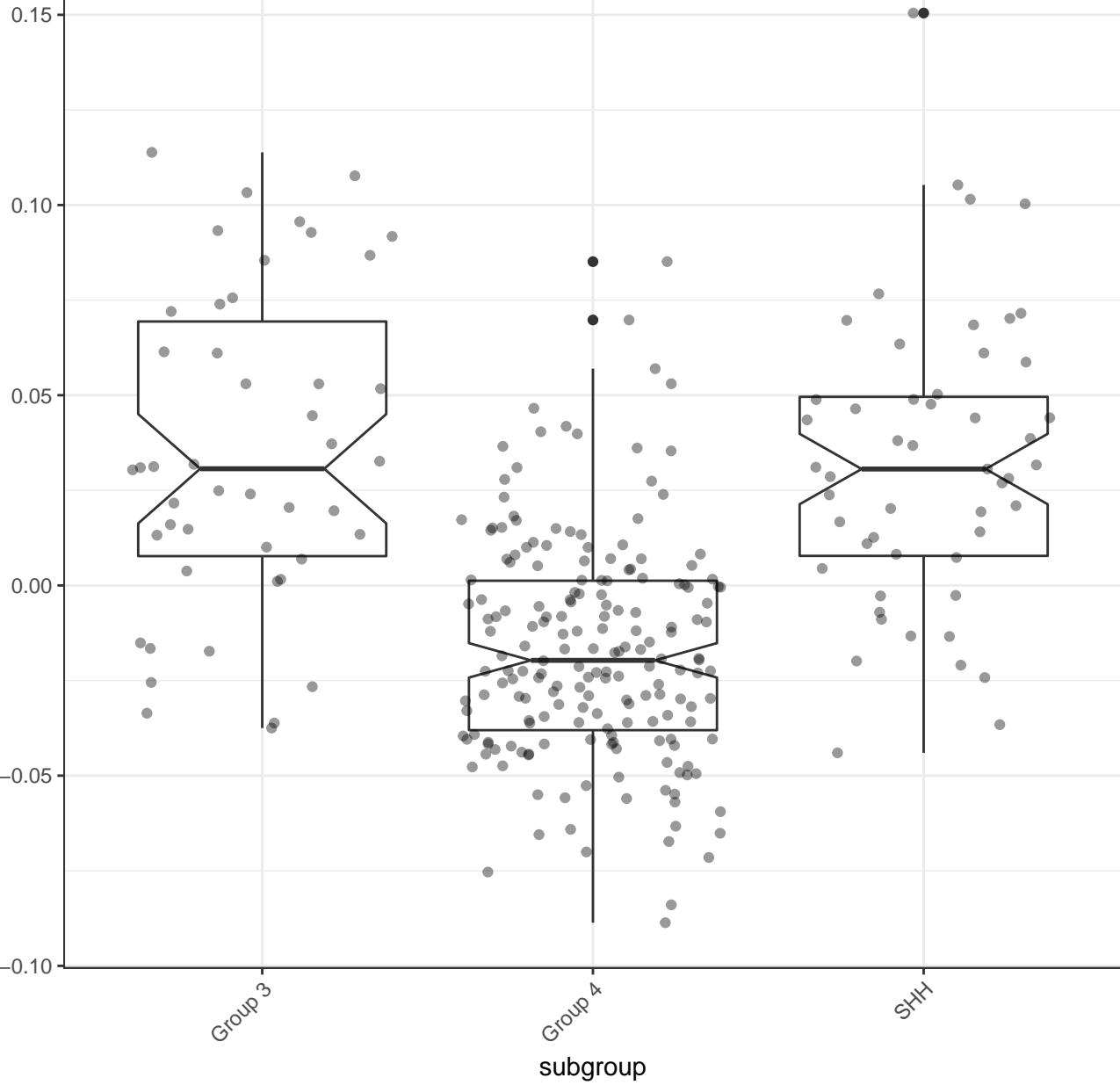
Vvalue



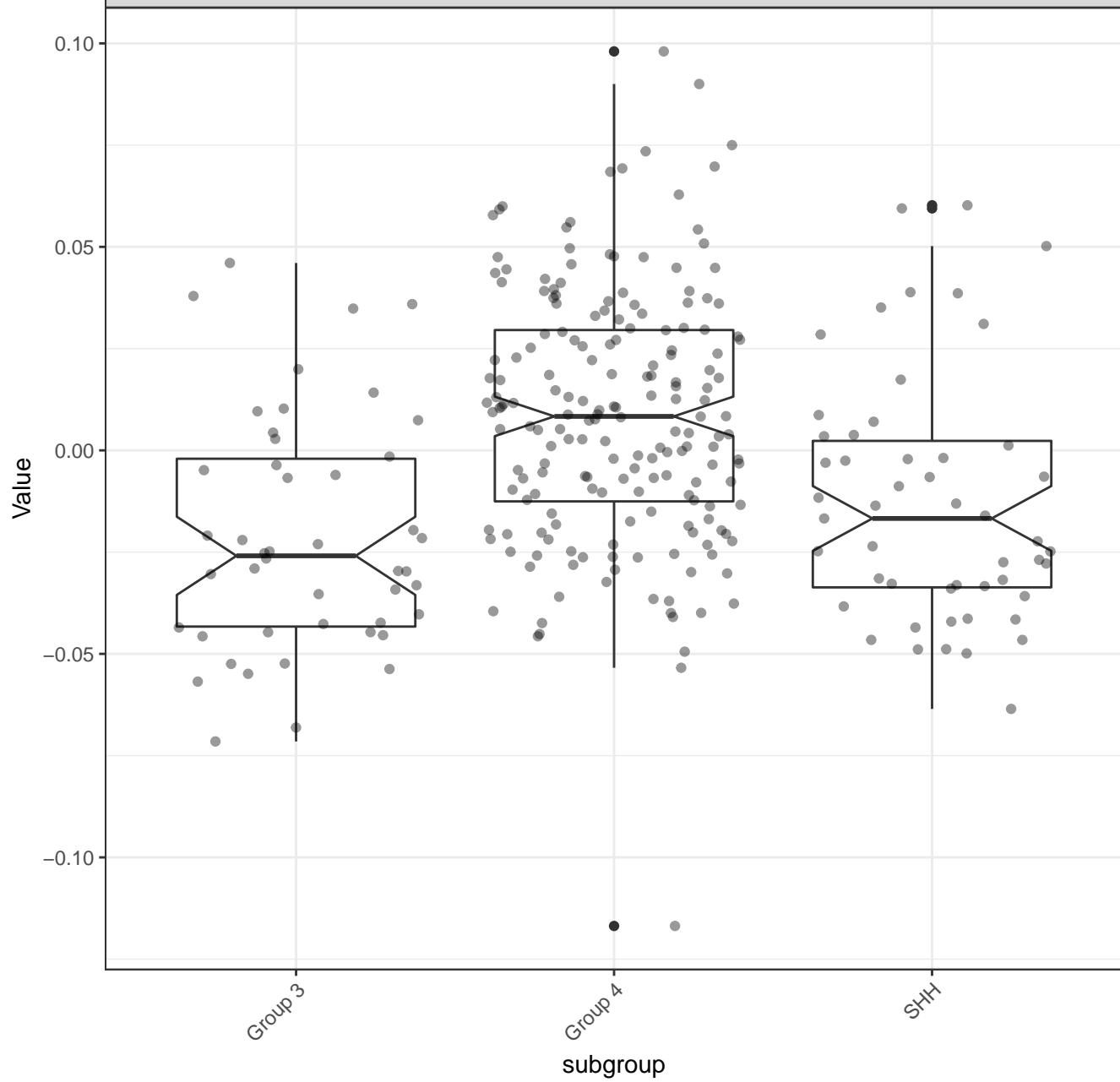


LV 625

Value



LV 626



LV 627

Value

0.05

0.00

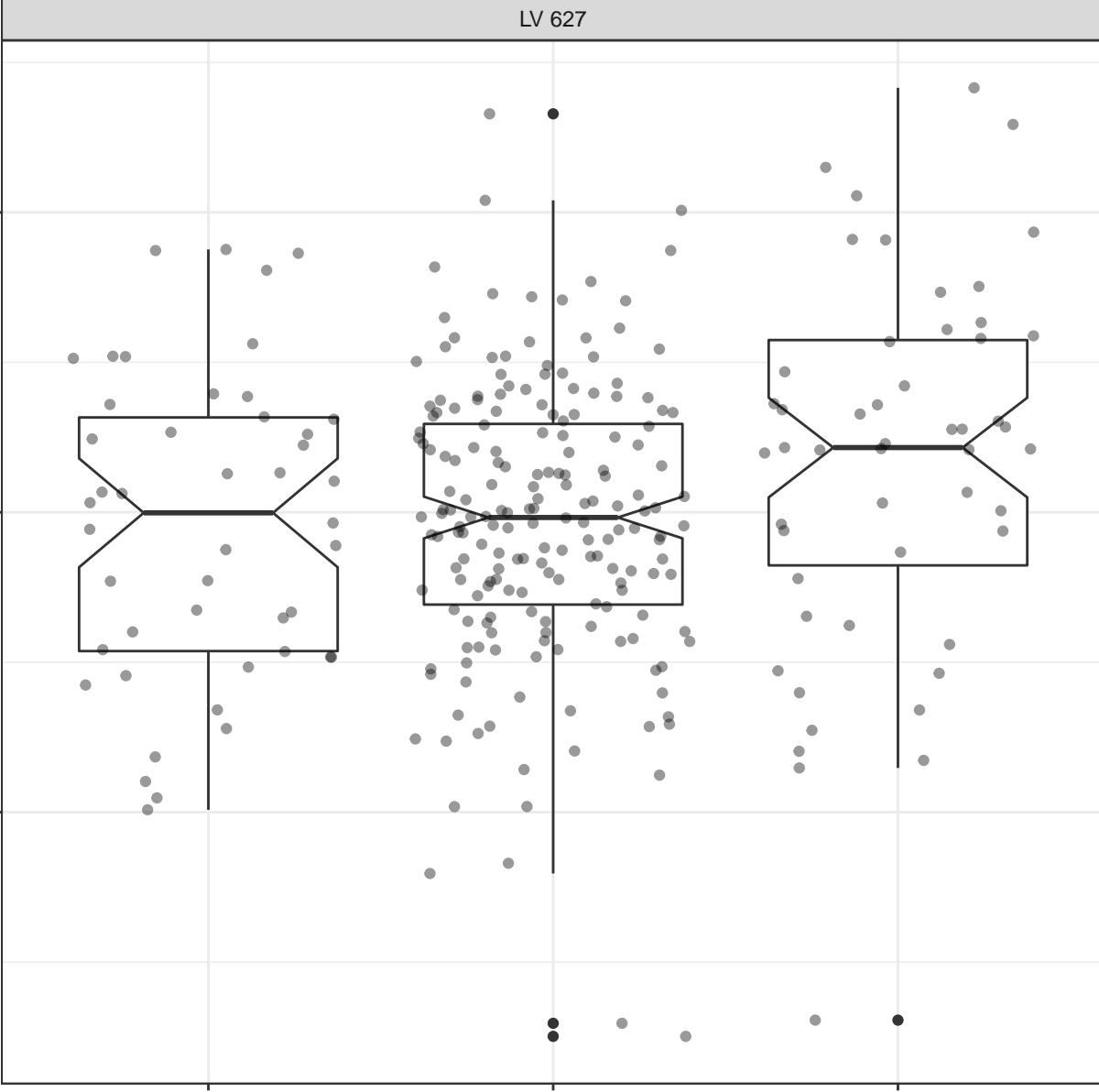
-0.05

Group 3

subgroup

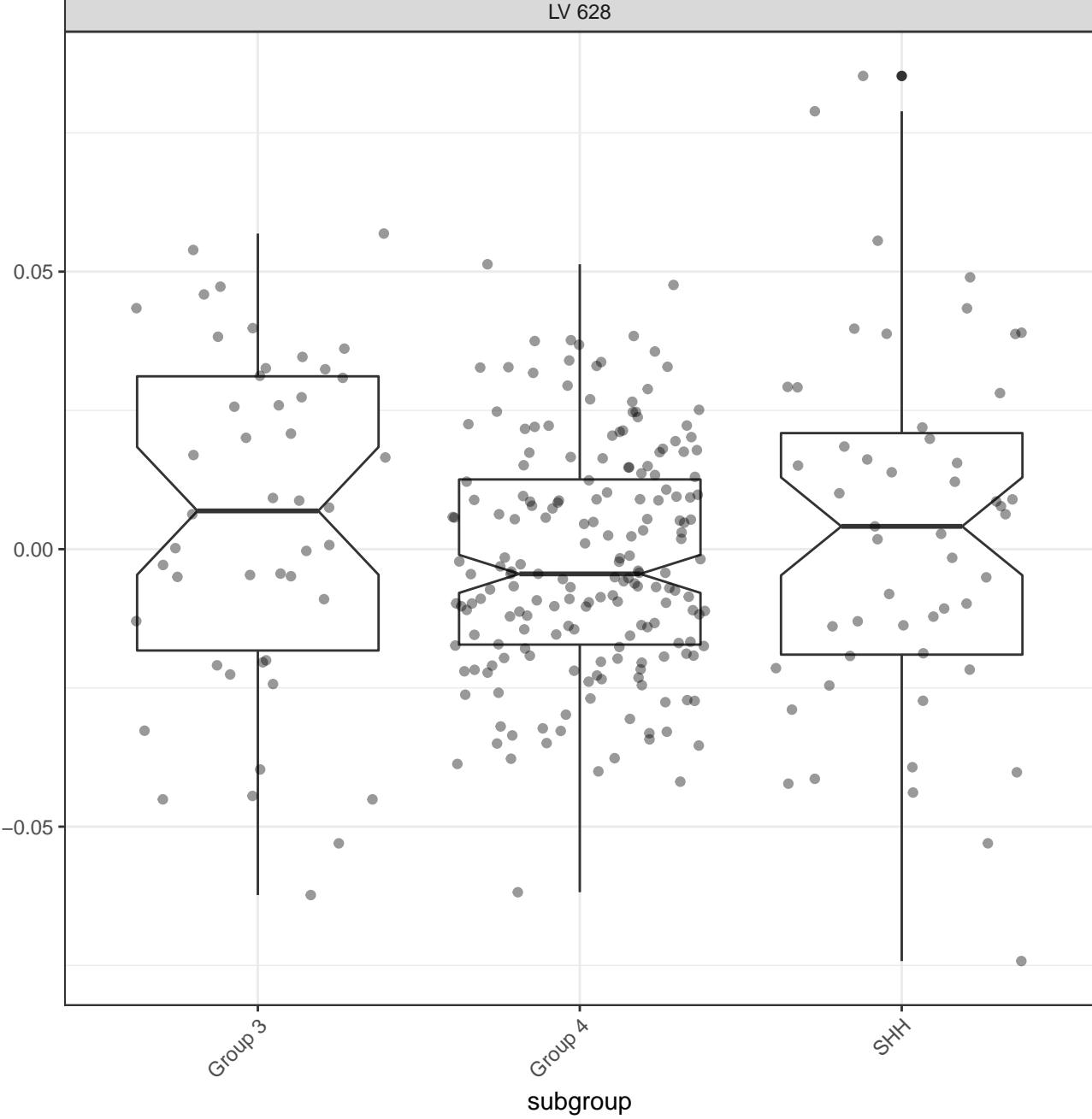
Group 4

SHH

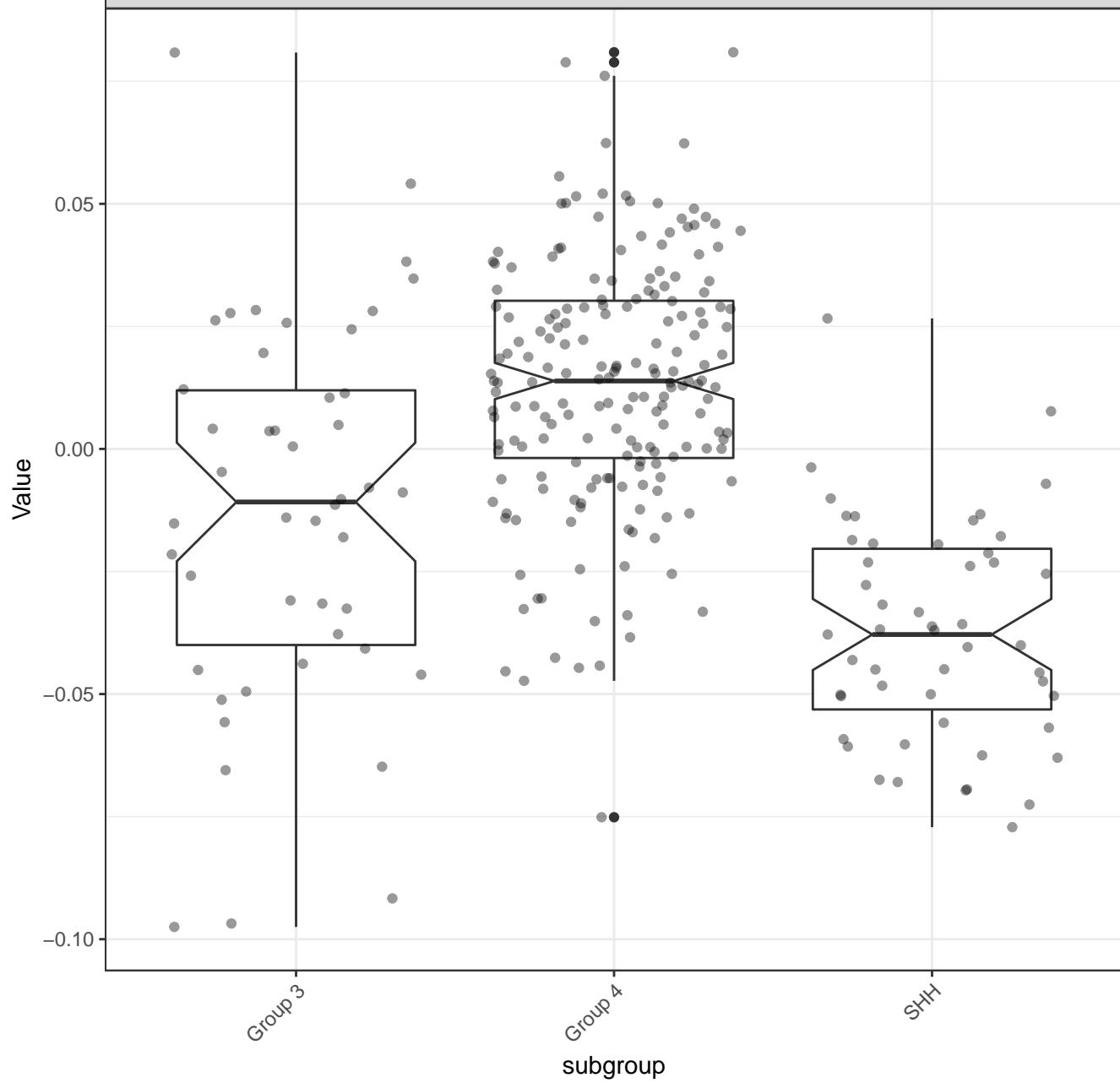


LV 628

Value



LV 629



LV 630

Value

0.10

0.05

0.00

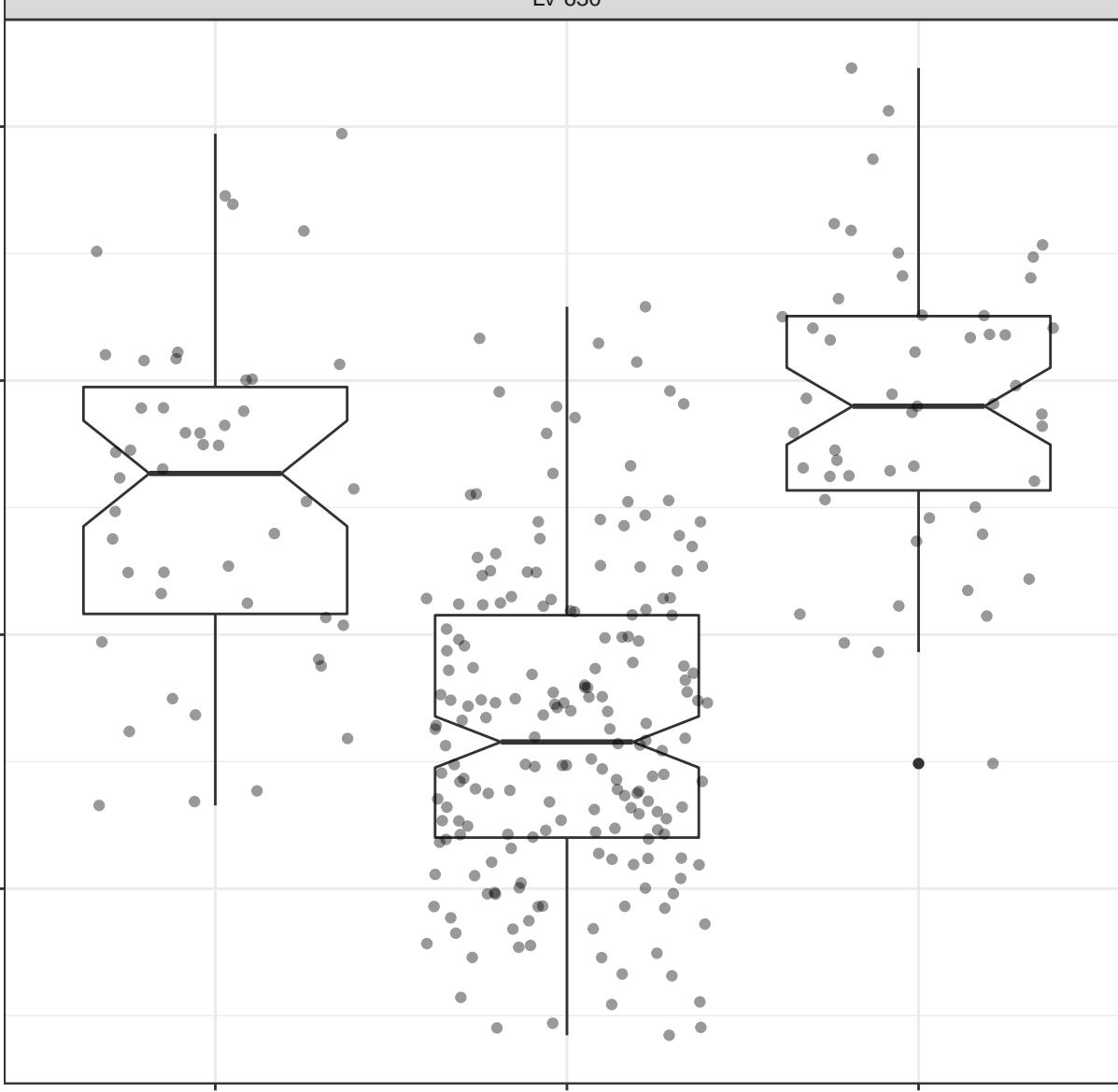
-0.05

Group 3

Group 4

SHH

subgroup



Value

0.05

0.00

-0.05

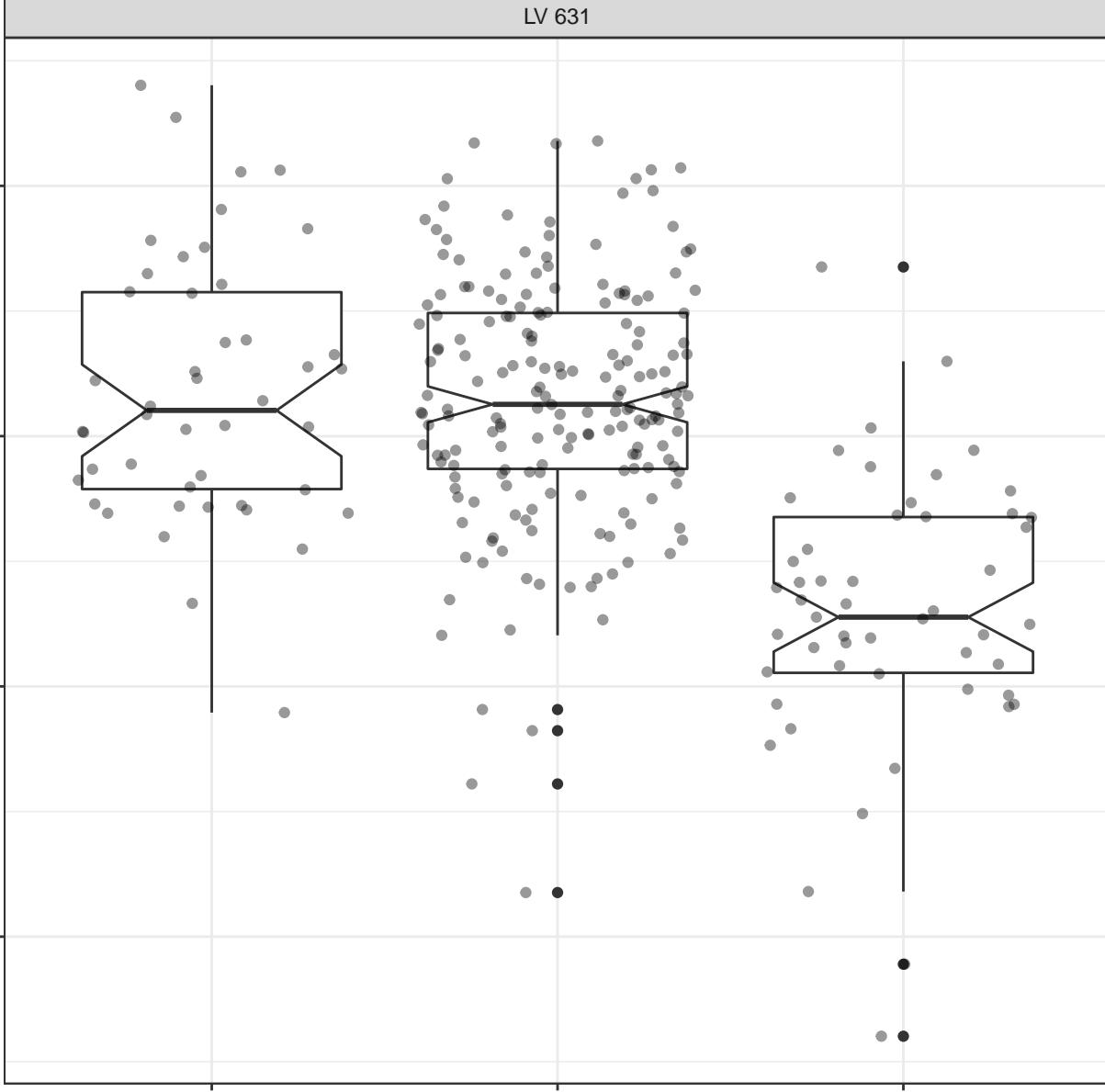
-0.10

Group 3

subgroup

Group 4

SHH



LV 632

Value

0.10

0.05

0.00

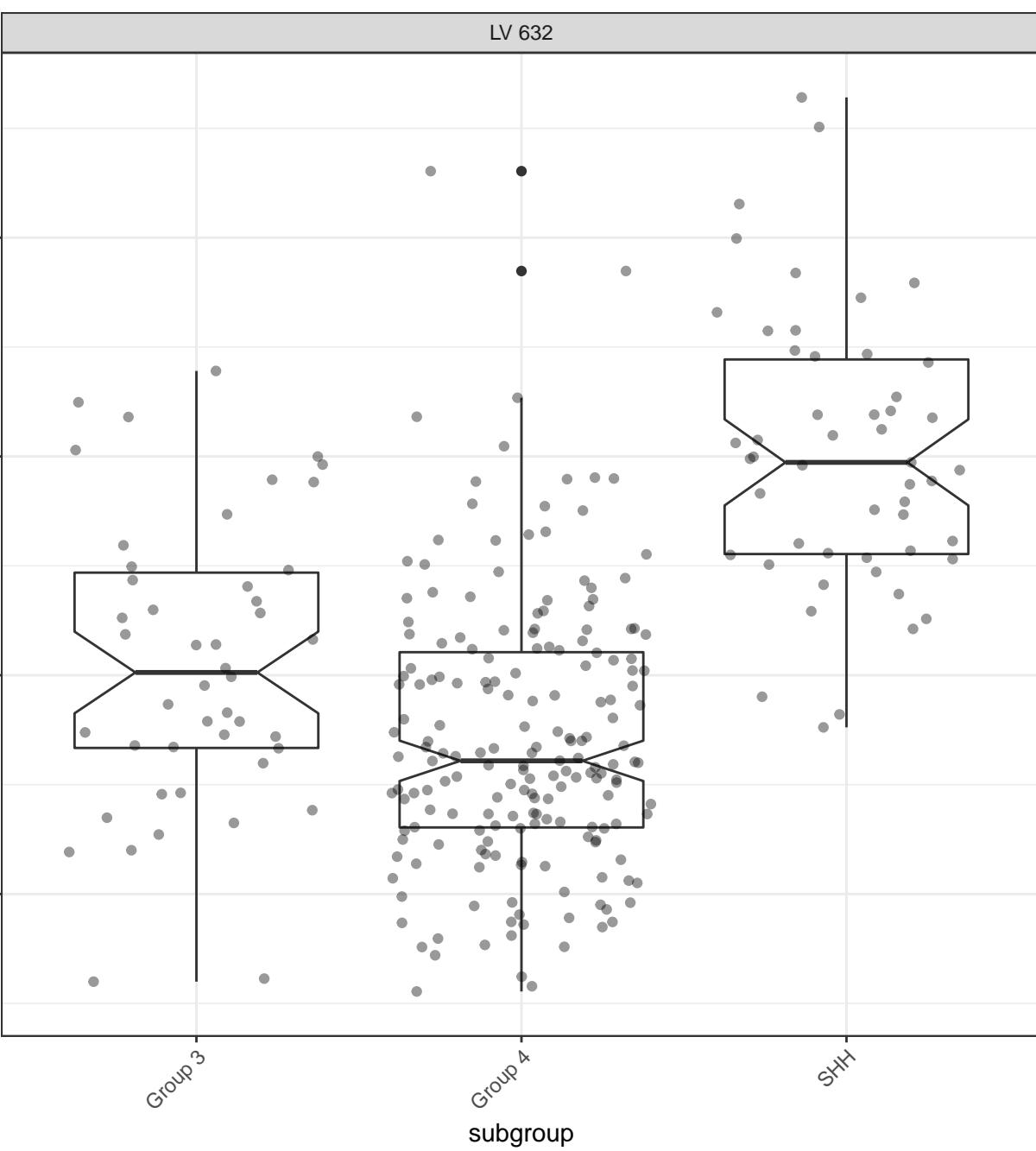
-0.05

Group 3

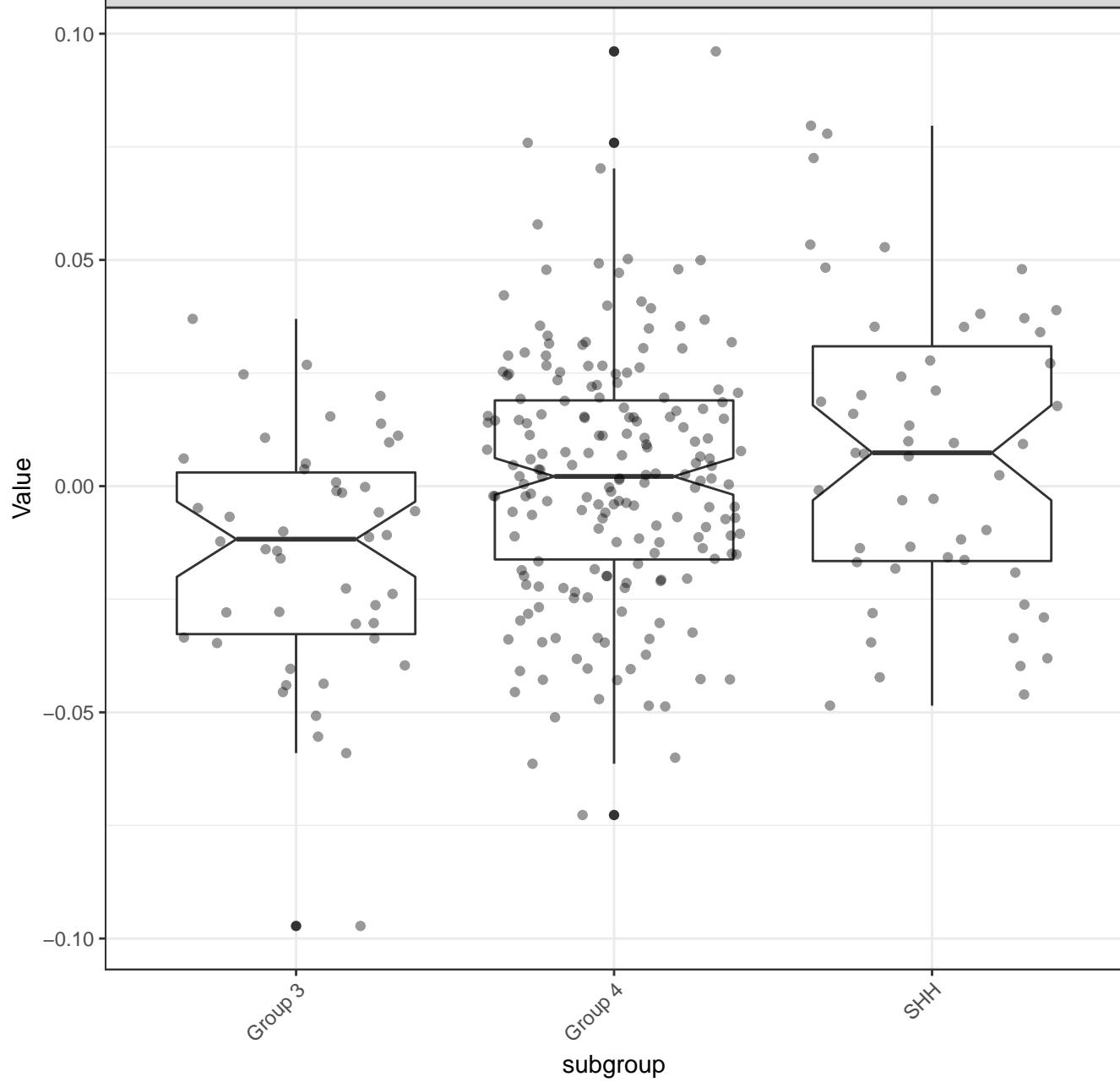
subgroup

Group 4

SHH



LV 633



LV 634

Value

0.10

0.05

0.00

-0.05

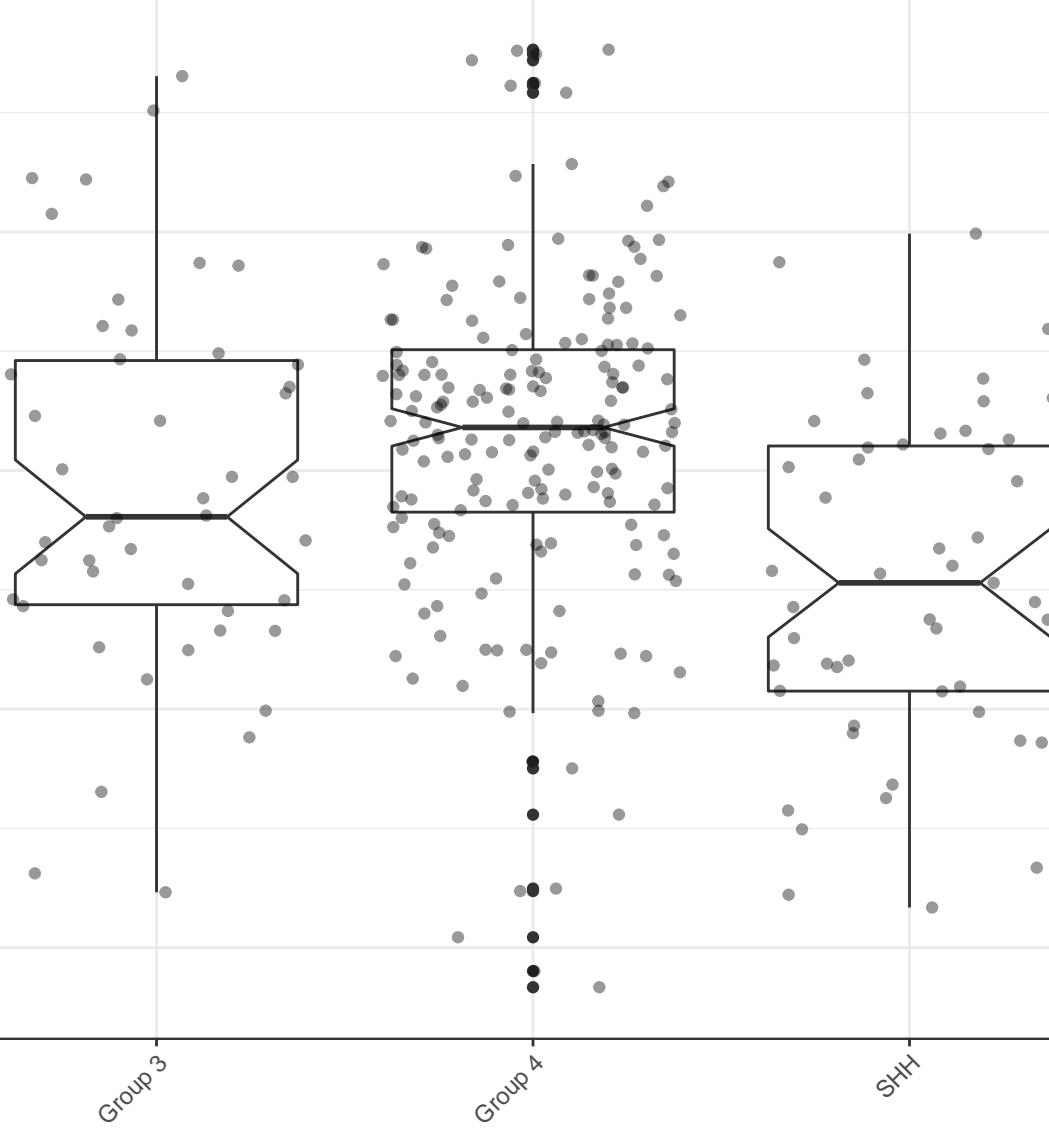
-0.10

Group 3

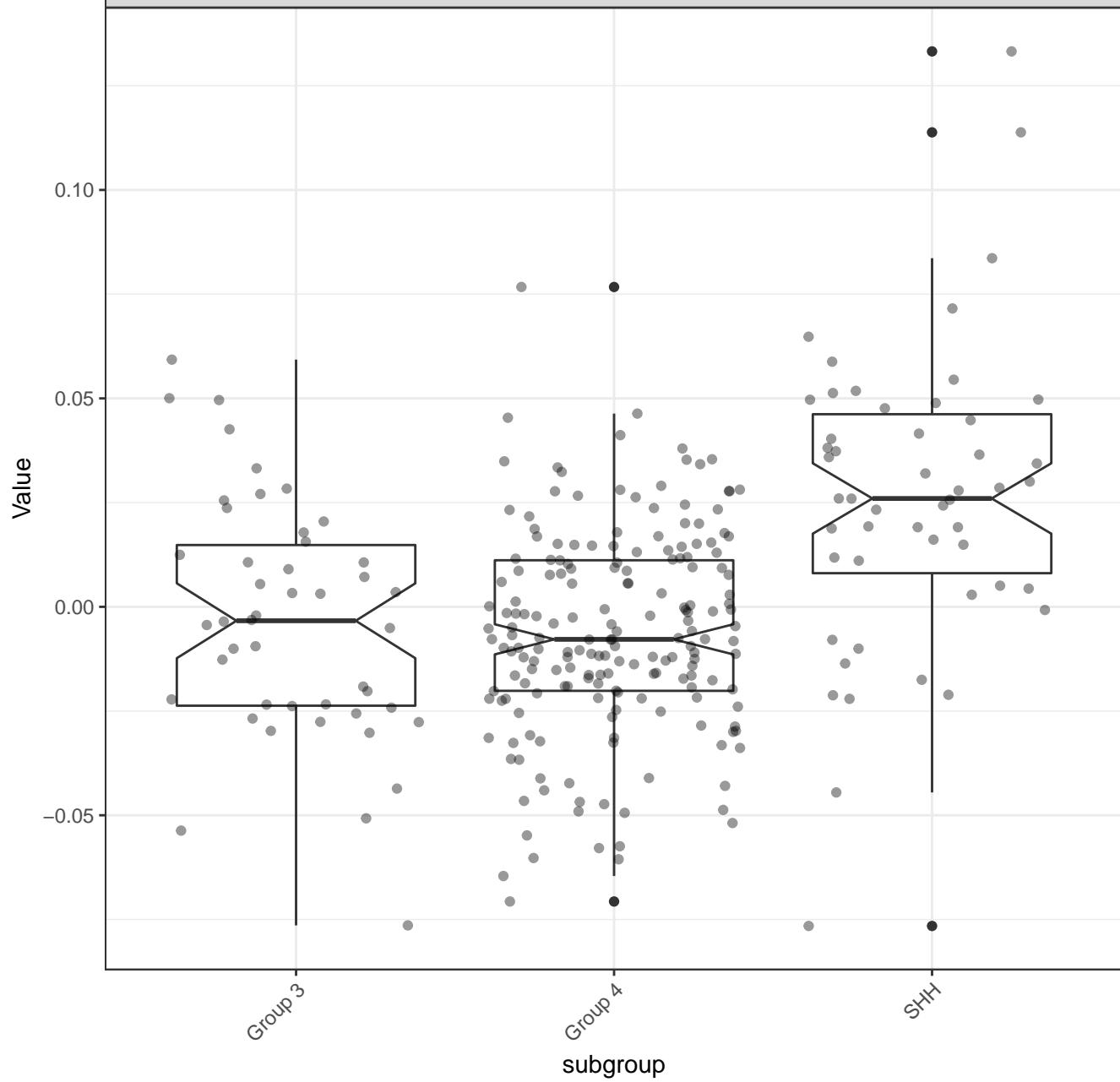
subgroup

SHH

Group 4



LV 635



LV 636

Value

0.05

0.00

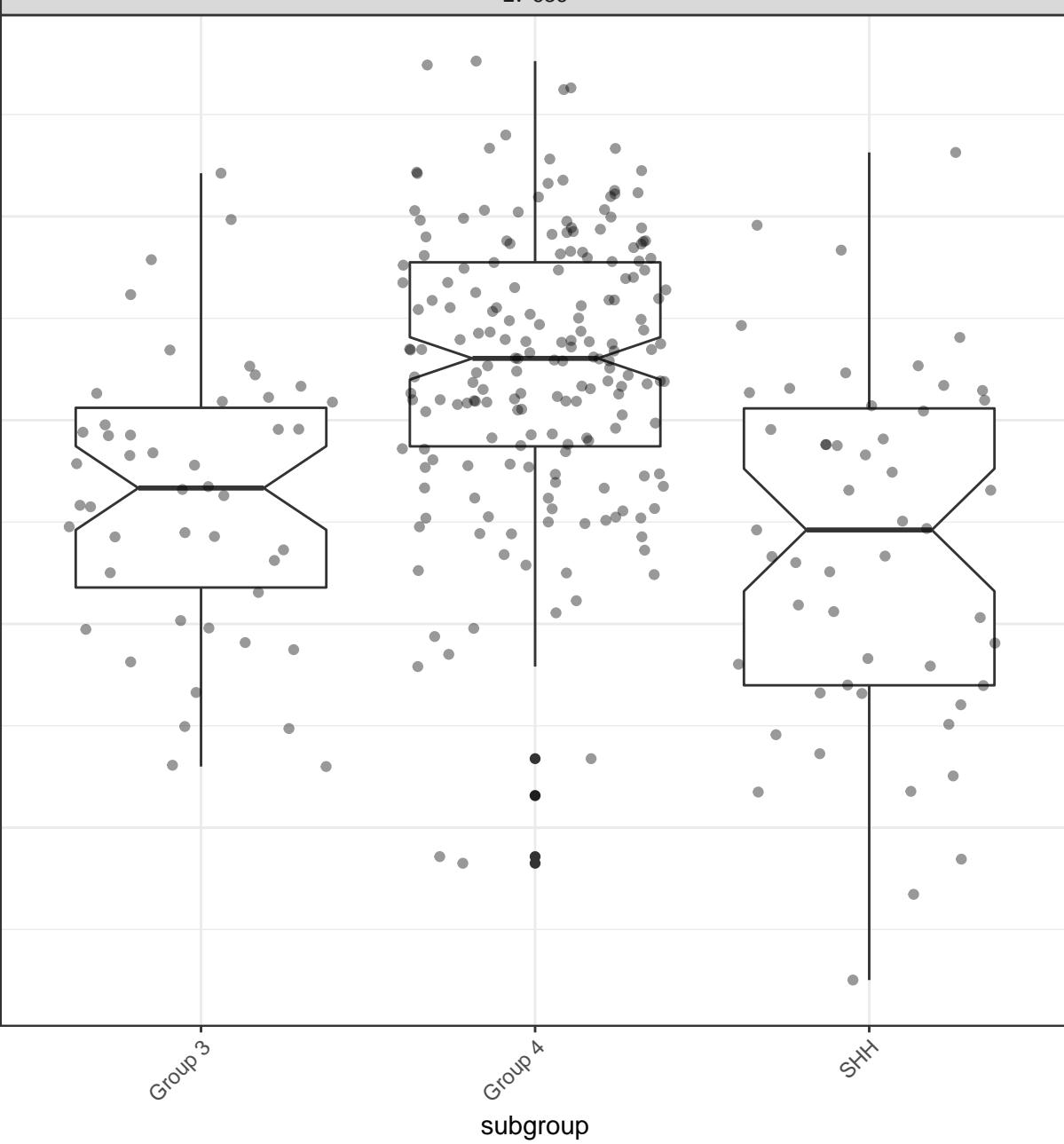
-0.05

-0.10

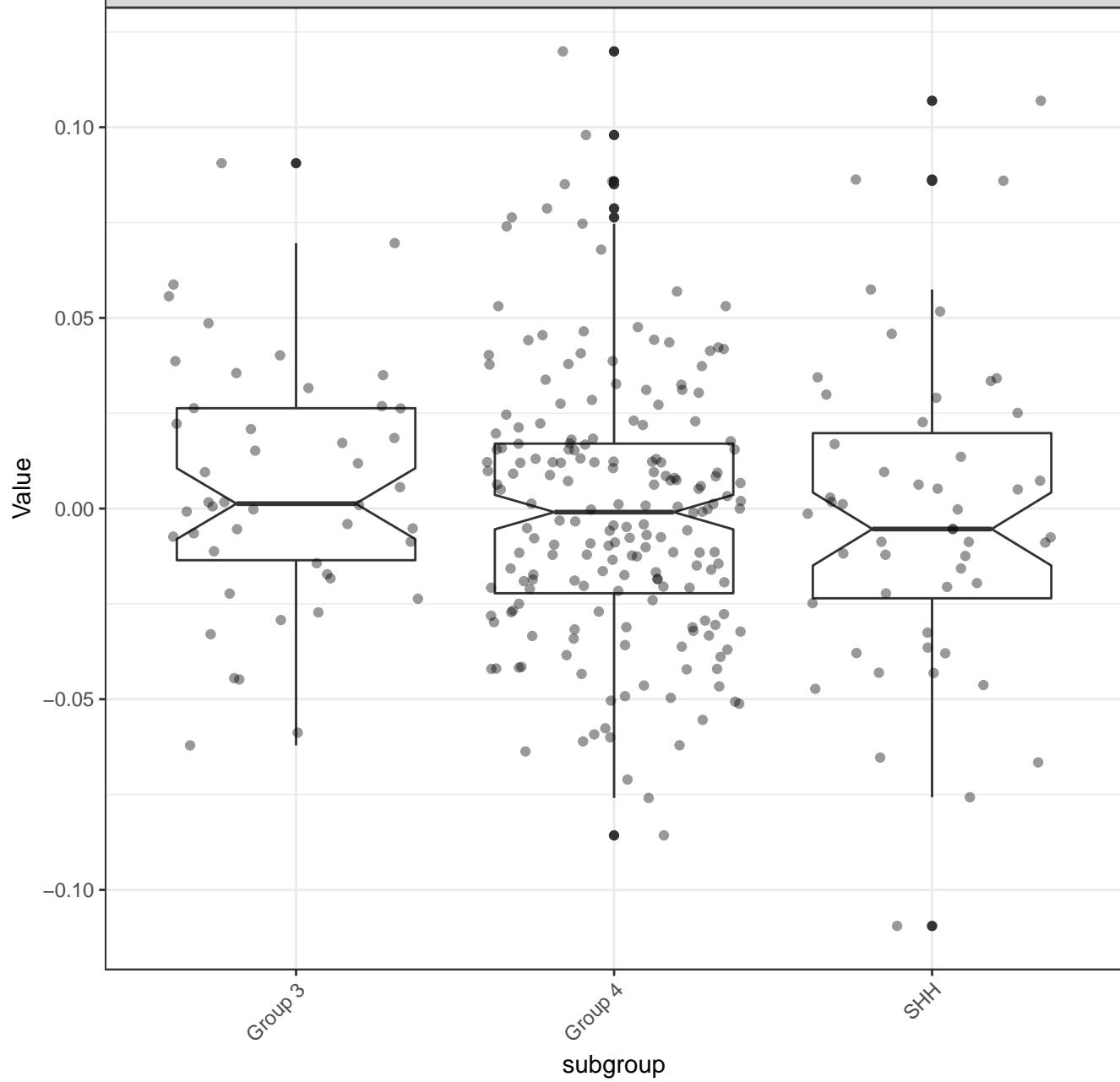
Group 3

subgroup

SHH

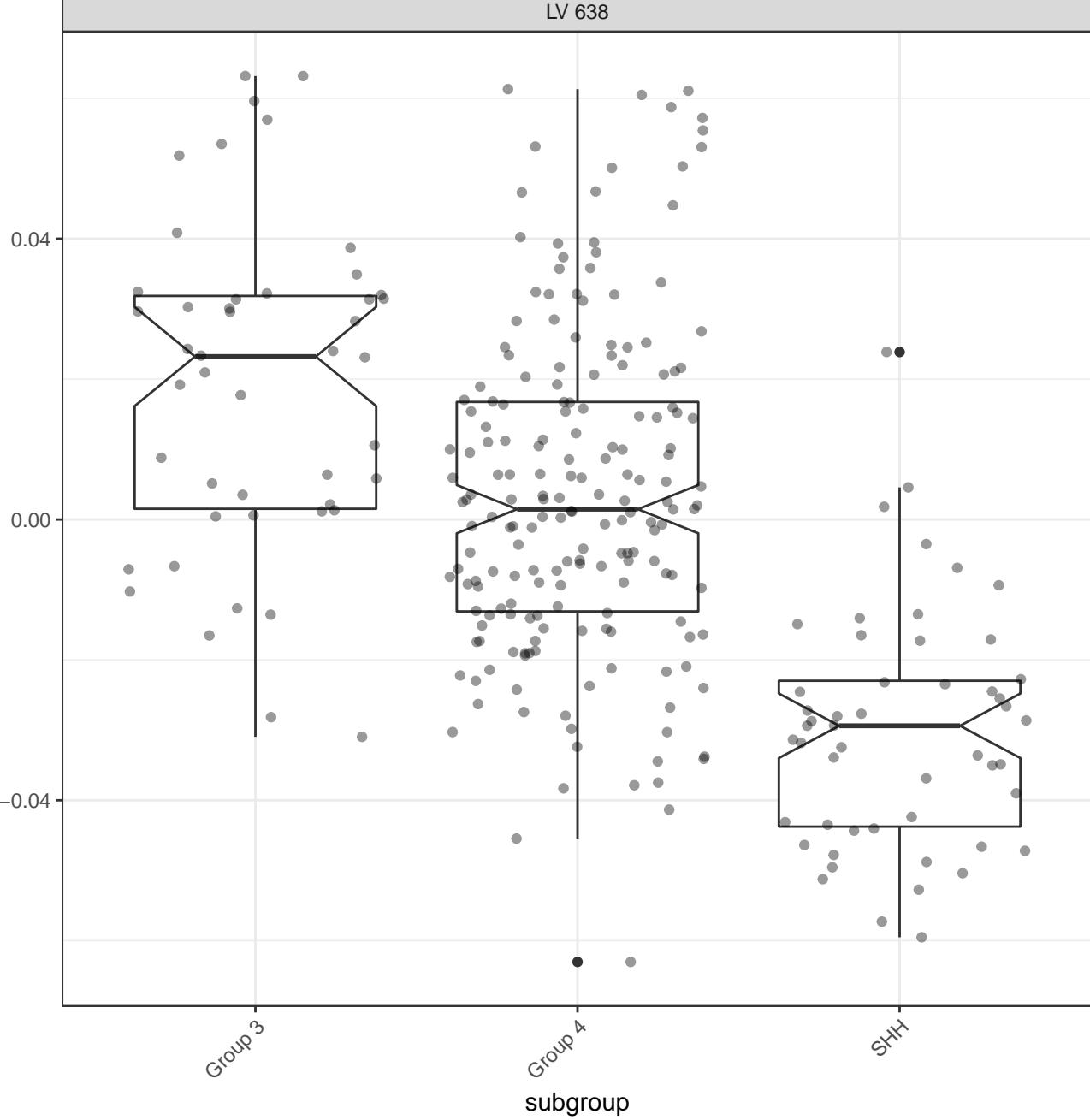


637,REACTOME_METABOLISM_OF_LIPIDS_AND_LIPOPROTEINS

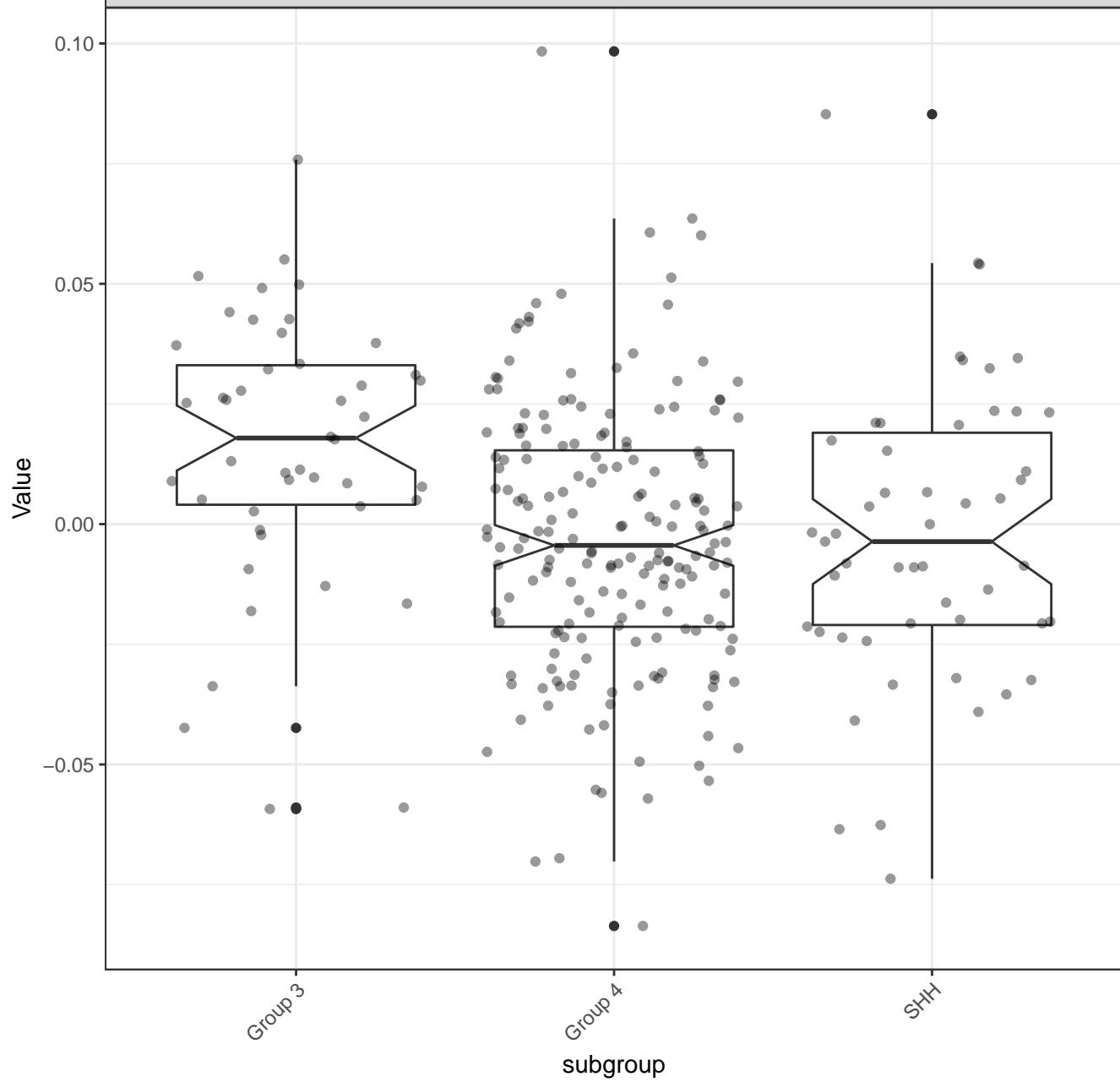


LV 638

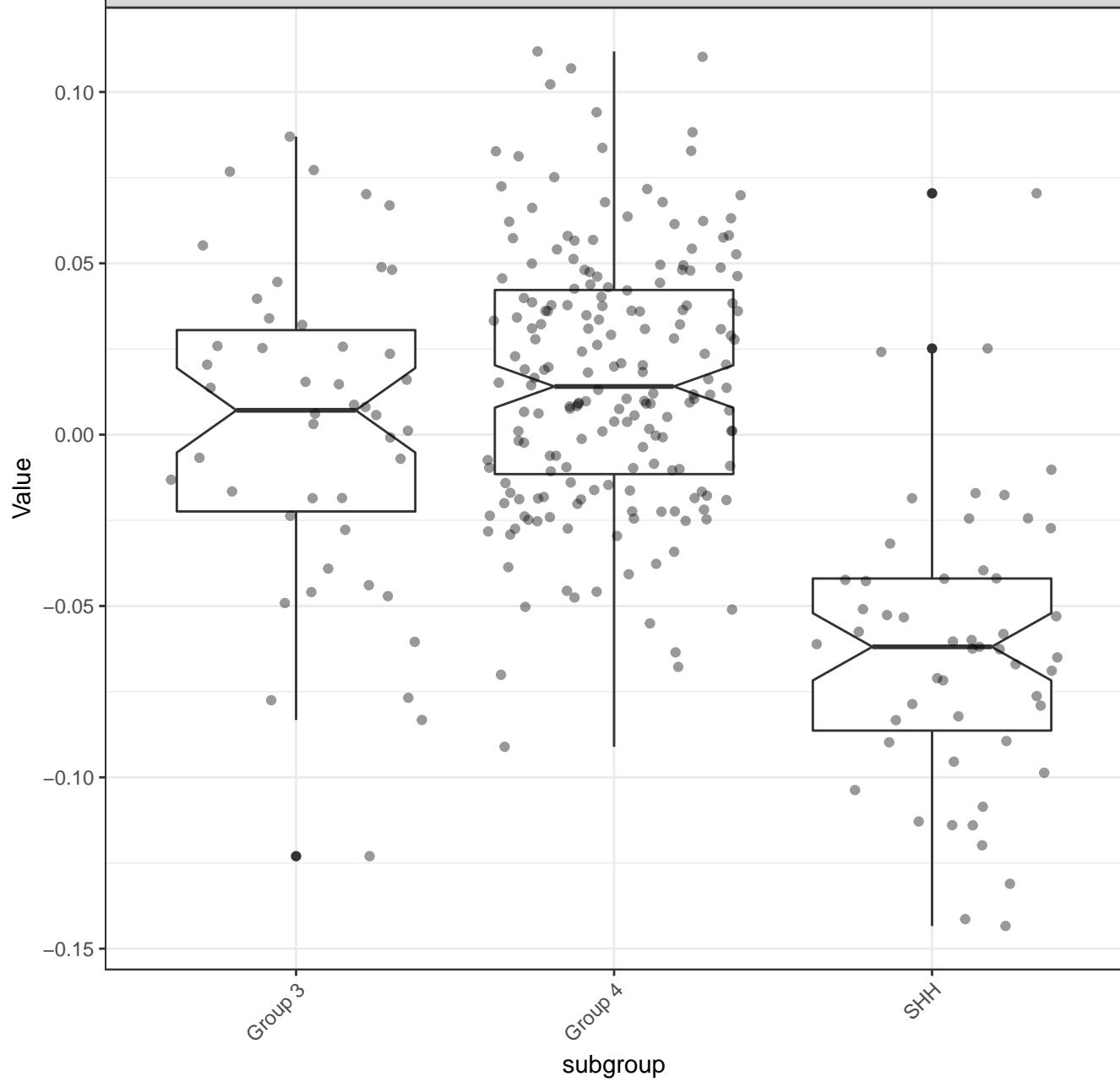
Value



LV 639



LV 640



LV 641

Value

0.05

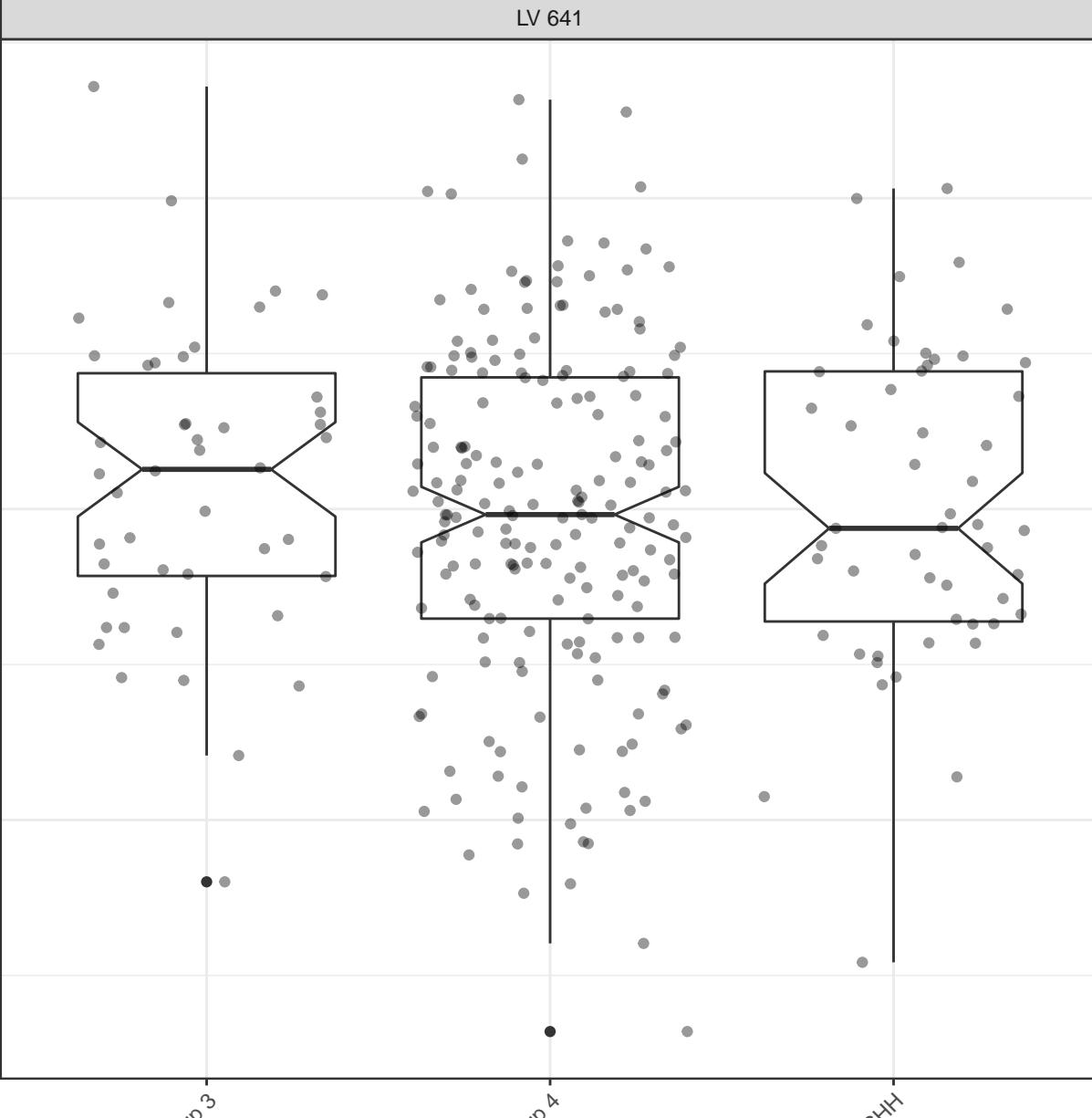
0.00

-0.05

Group 3

subgroup

SHH



LV 642

Value

0.10

0.05

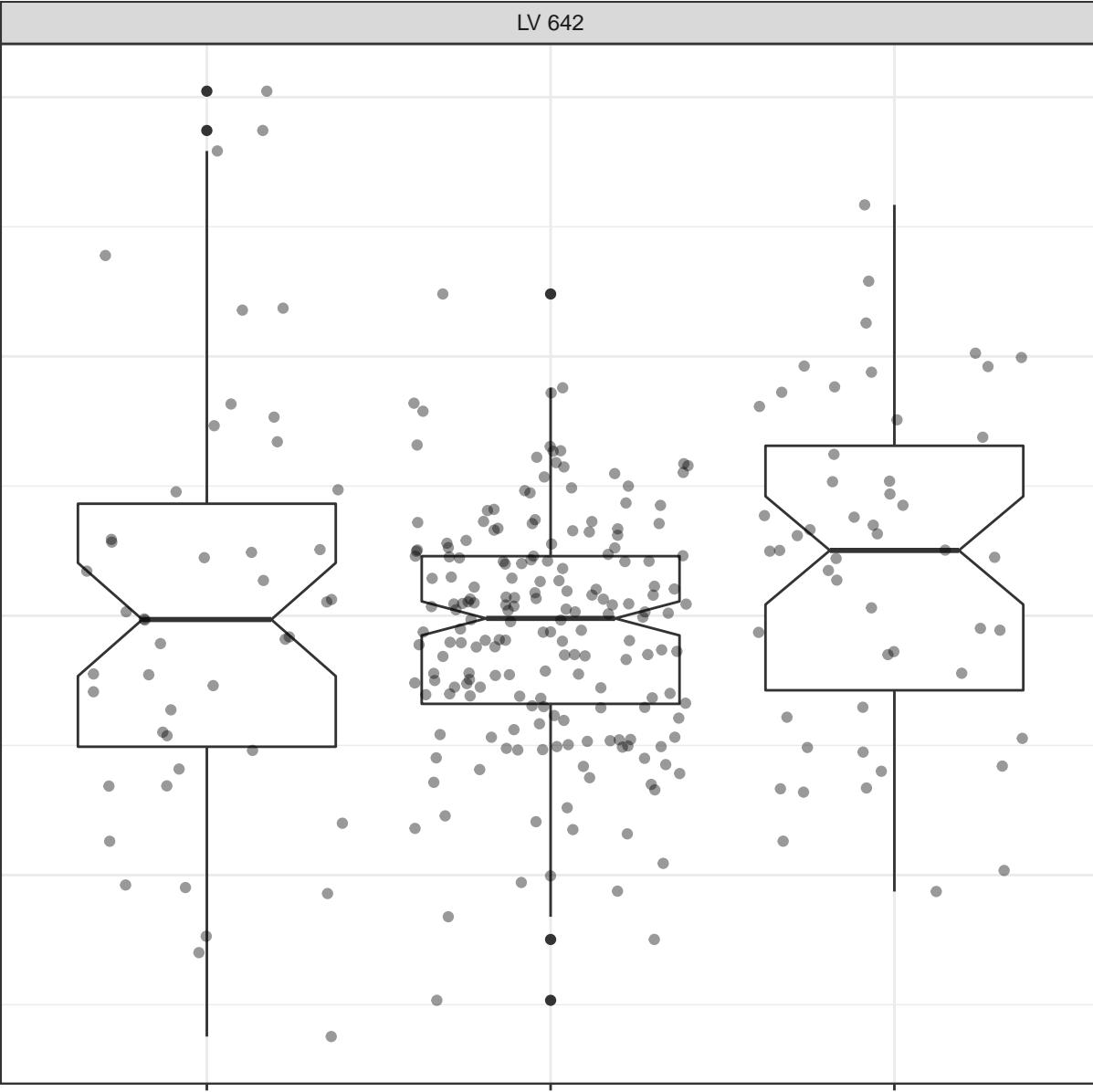
0.00

-0.05

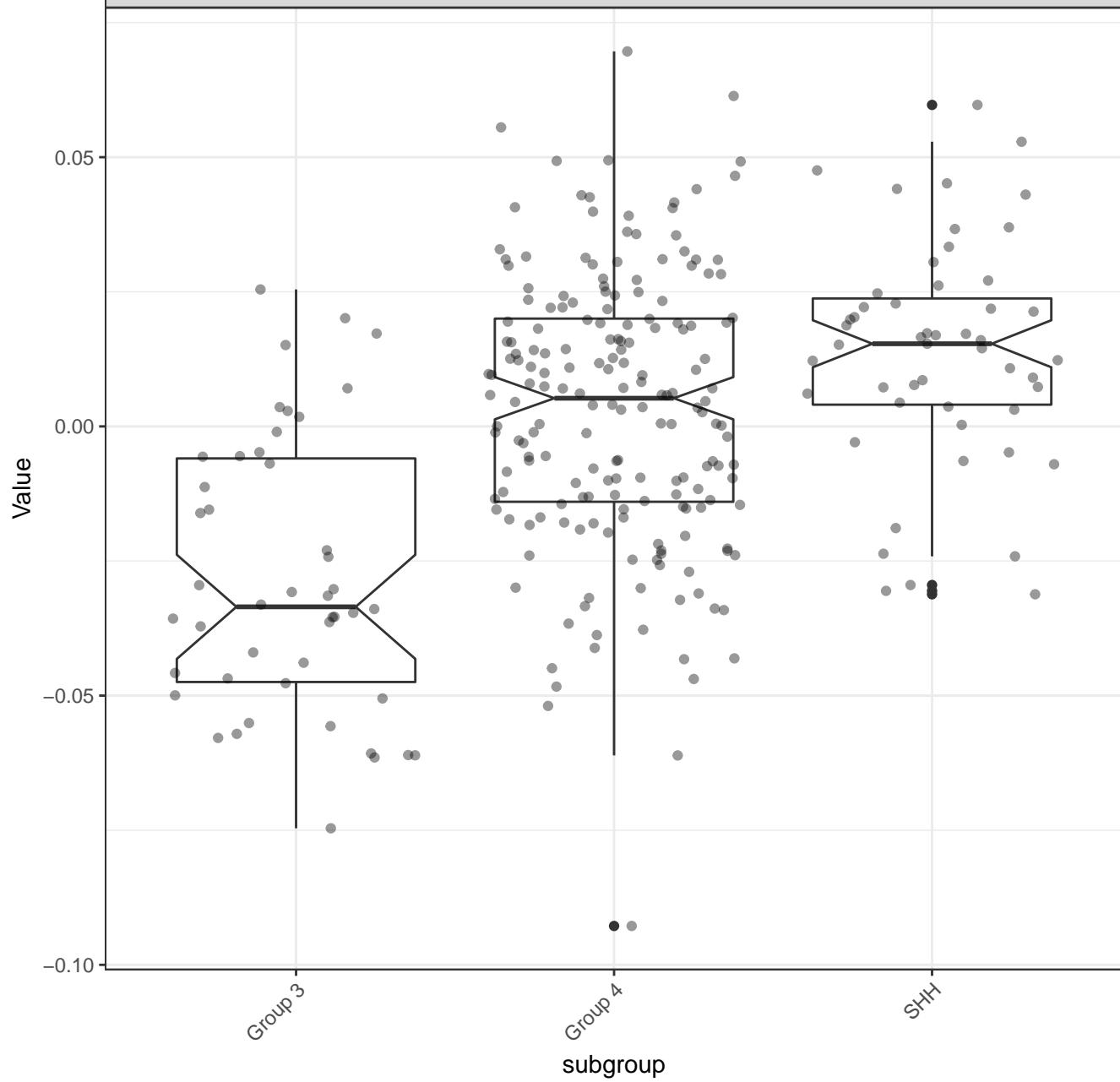
Group 3

subgroup

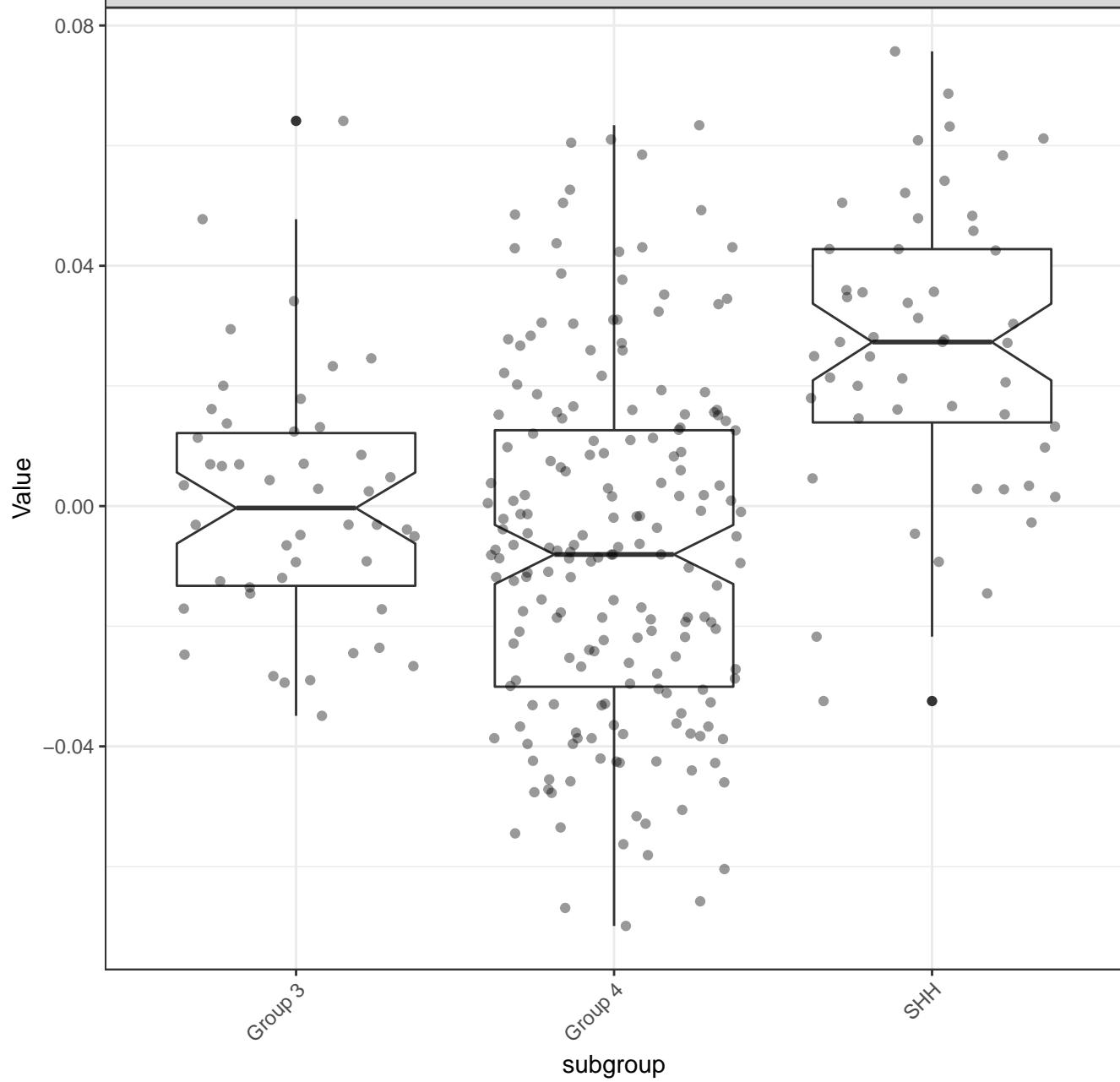
SHH



LV 643



LV 644



LV 645

Value

0.10

0.05

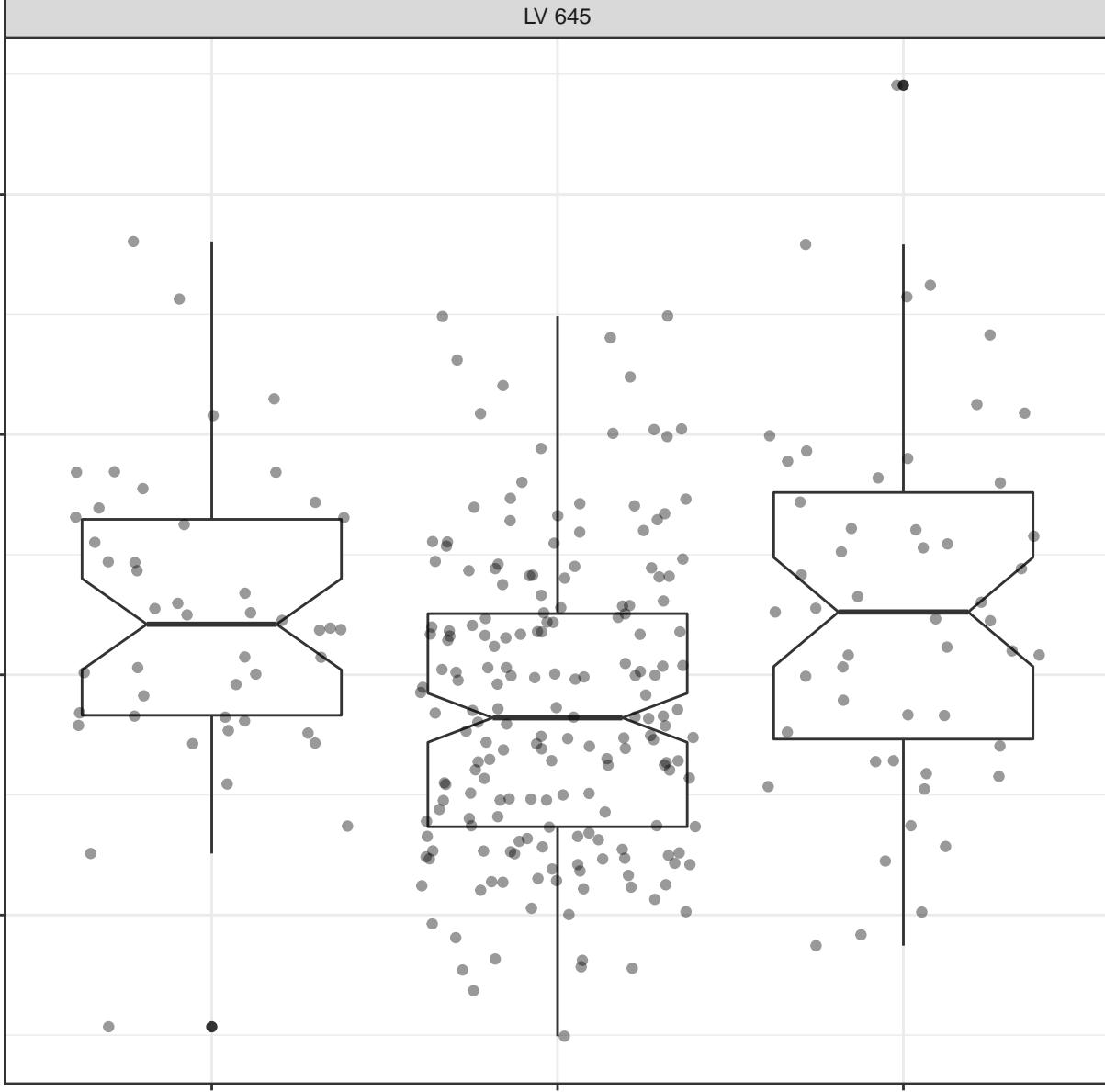
0.00

-0.05

Group 3

subgroup

SHH



LV 646

Value

0.05

0.00

-0.05

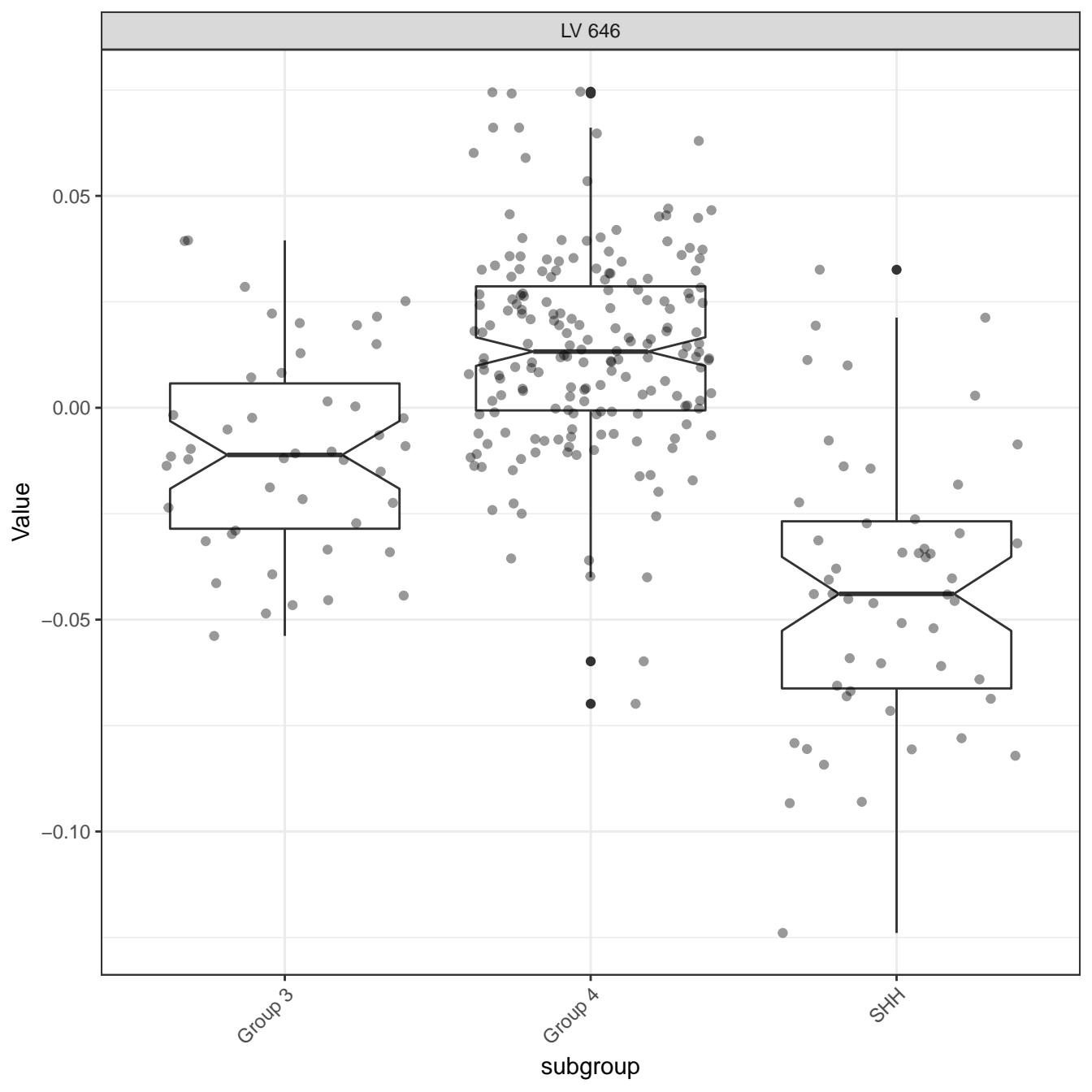
-0.10

Group 3

subgroup

SHH

Group 4



LV 647

Value

0.2

0.1

0.0

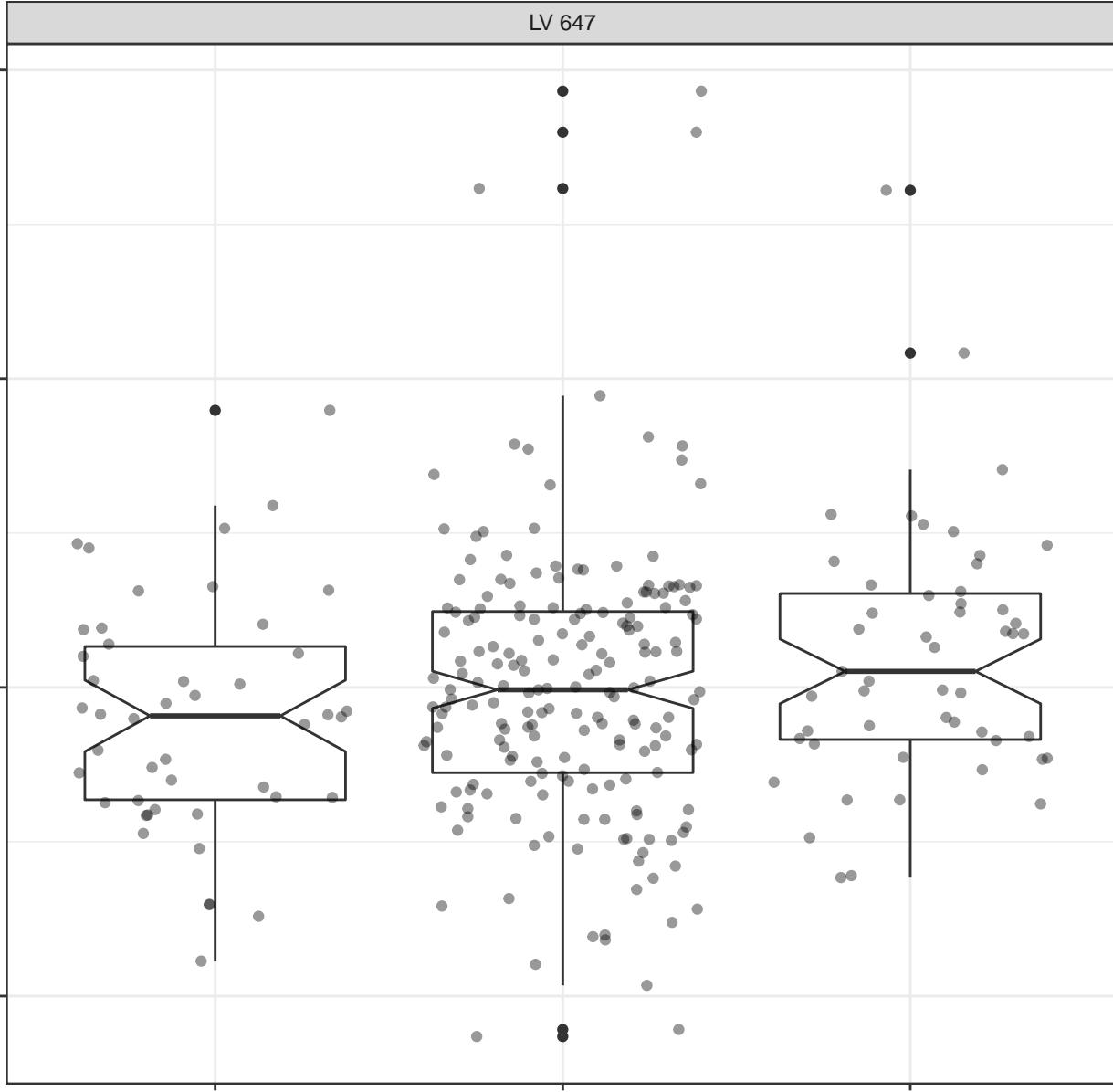
-0.1

Group 3

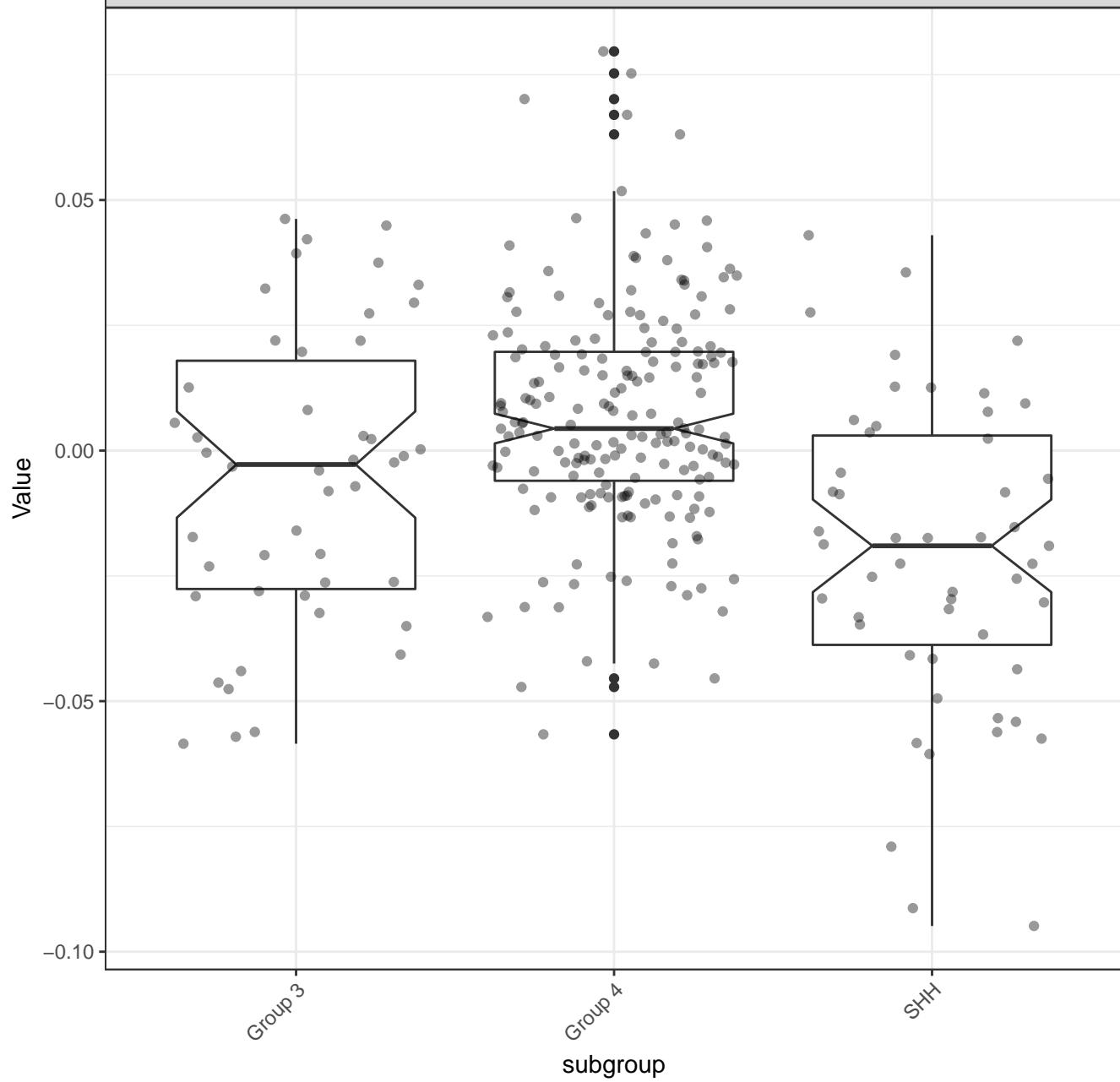
Group 4

SHH

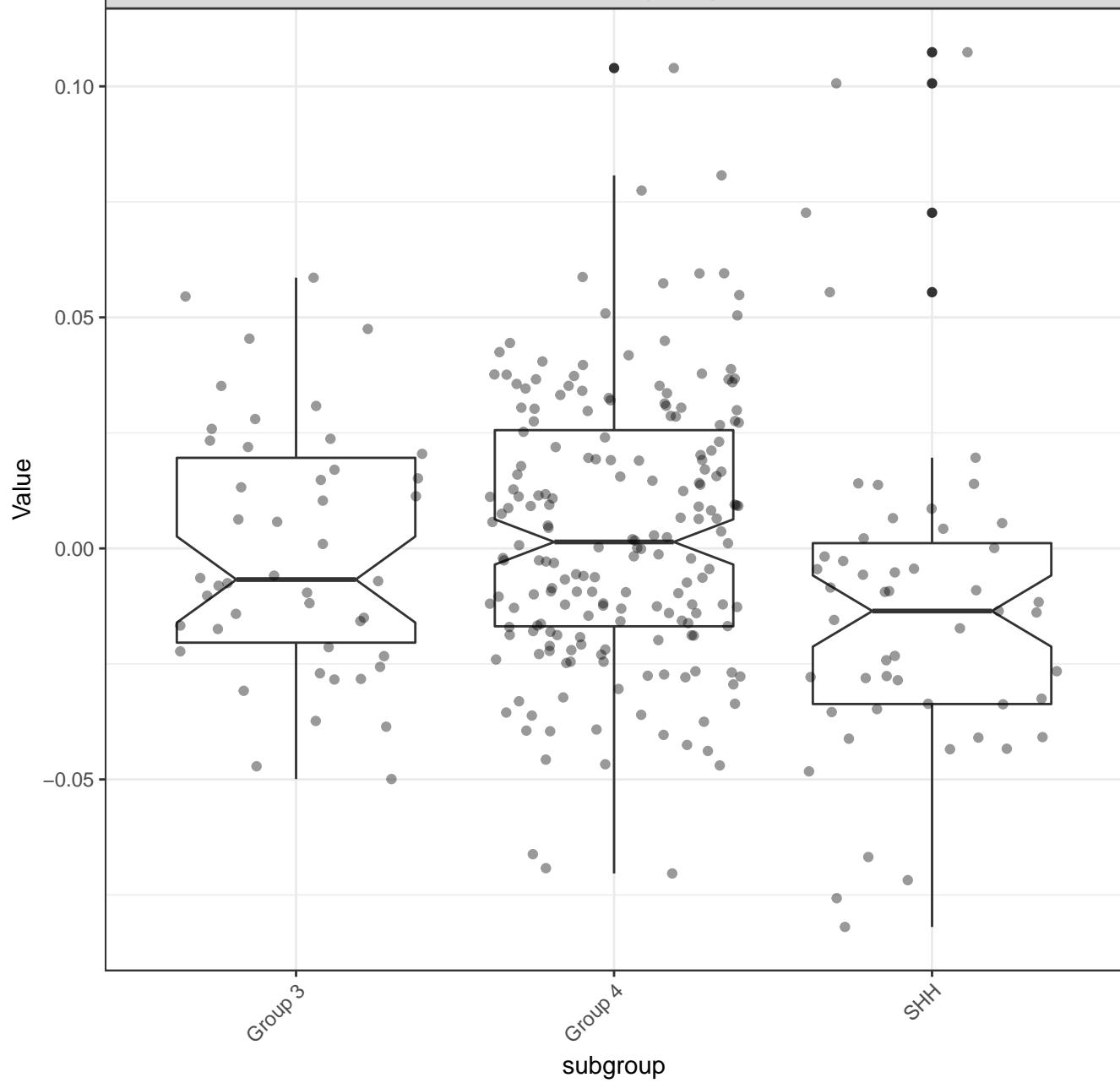
subgroup



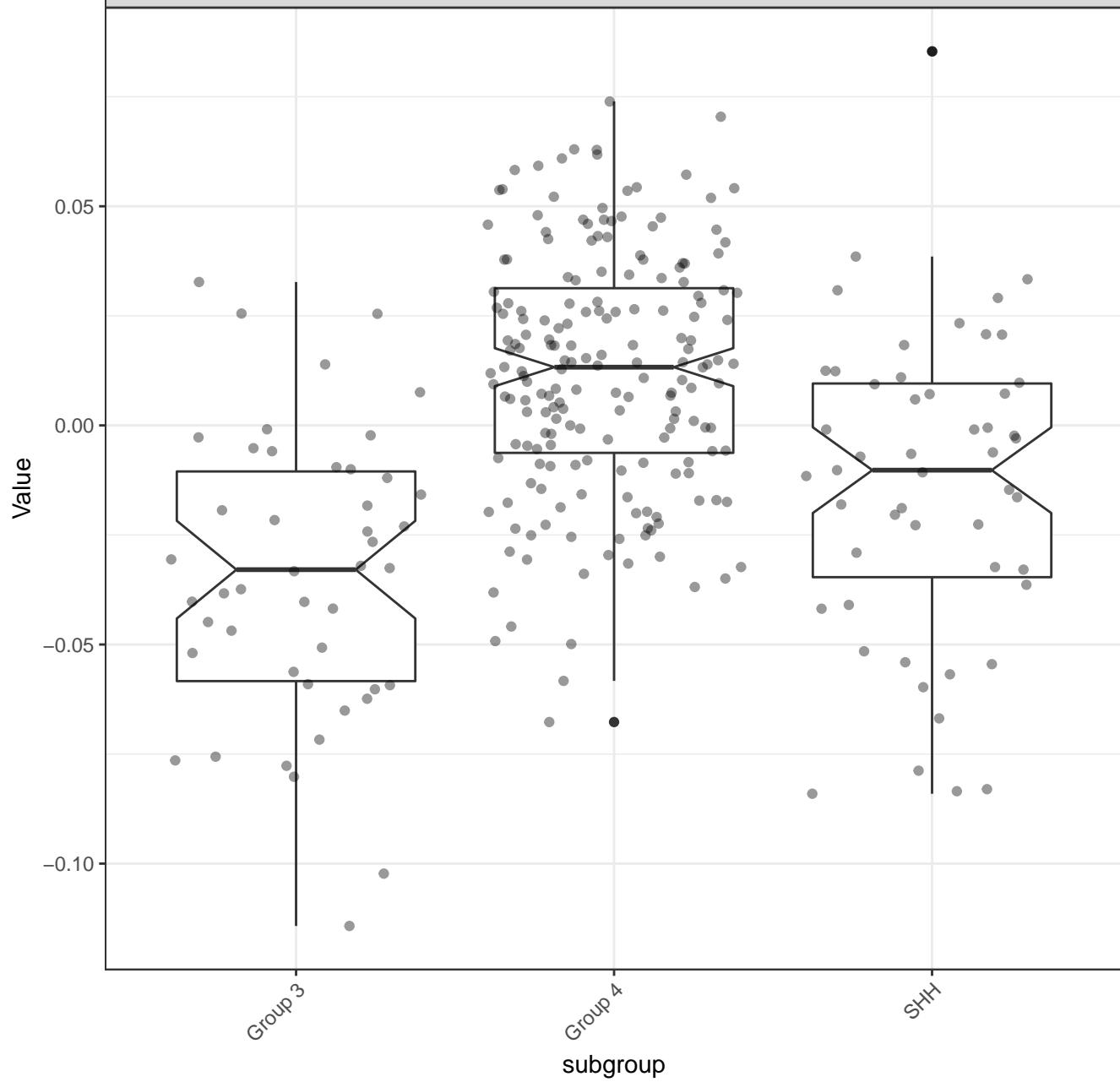
LV 648



649,IRIS_Monocyte–Day1



LV 650



LV 651

Value

0.1

0.0

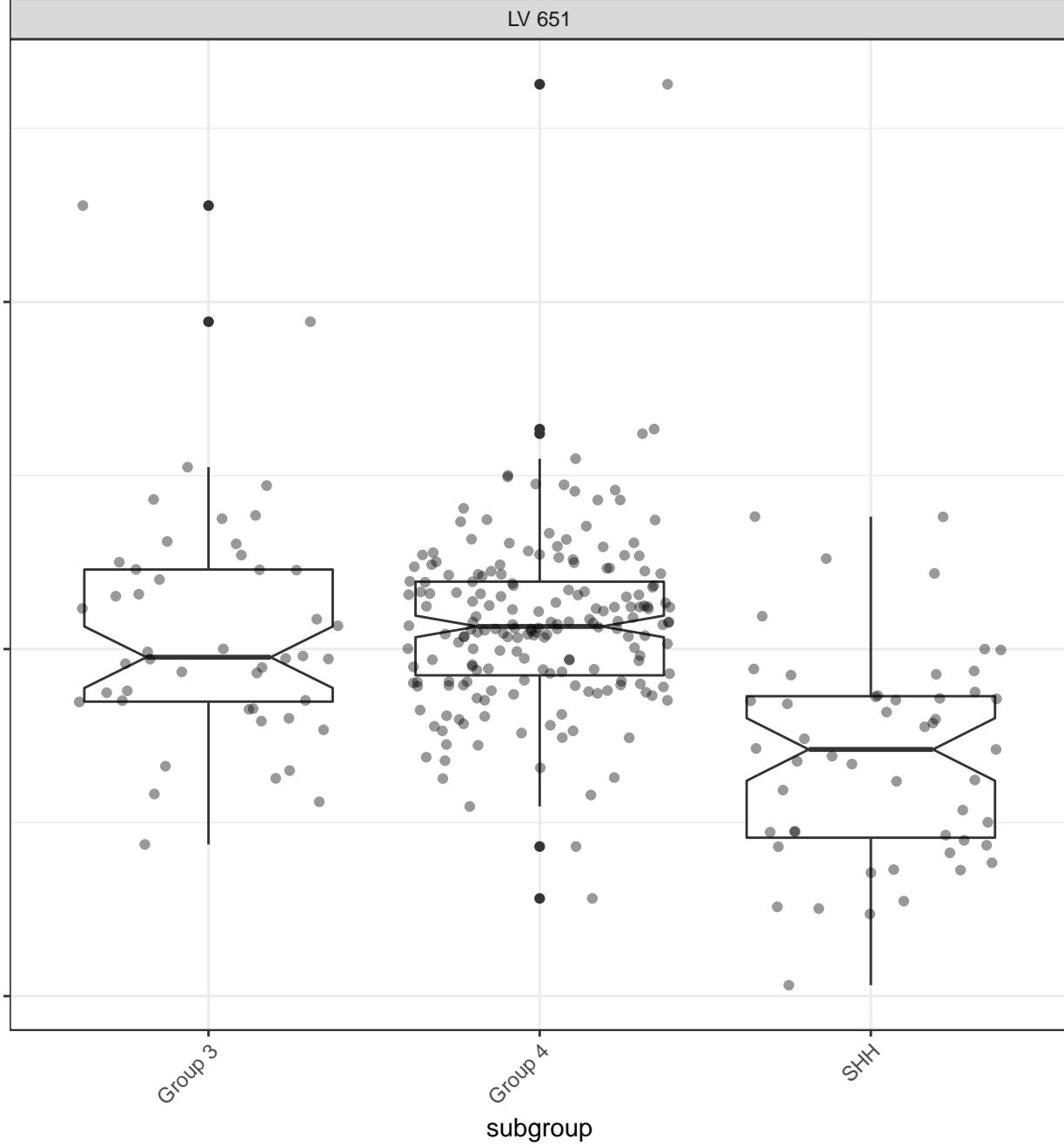
-0.1

Group 3

Group 4

SHH

subgroup



Value

0.10

0.05

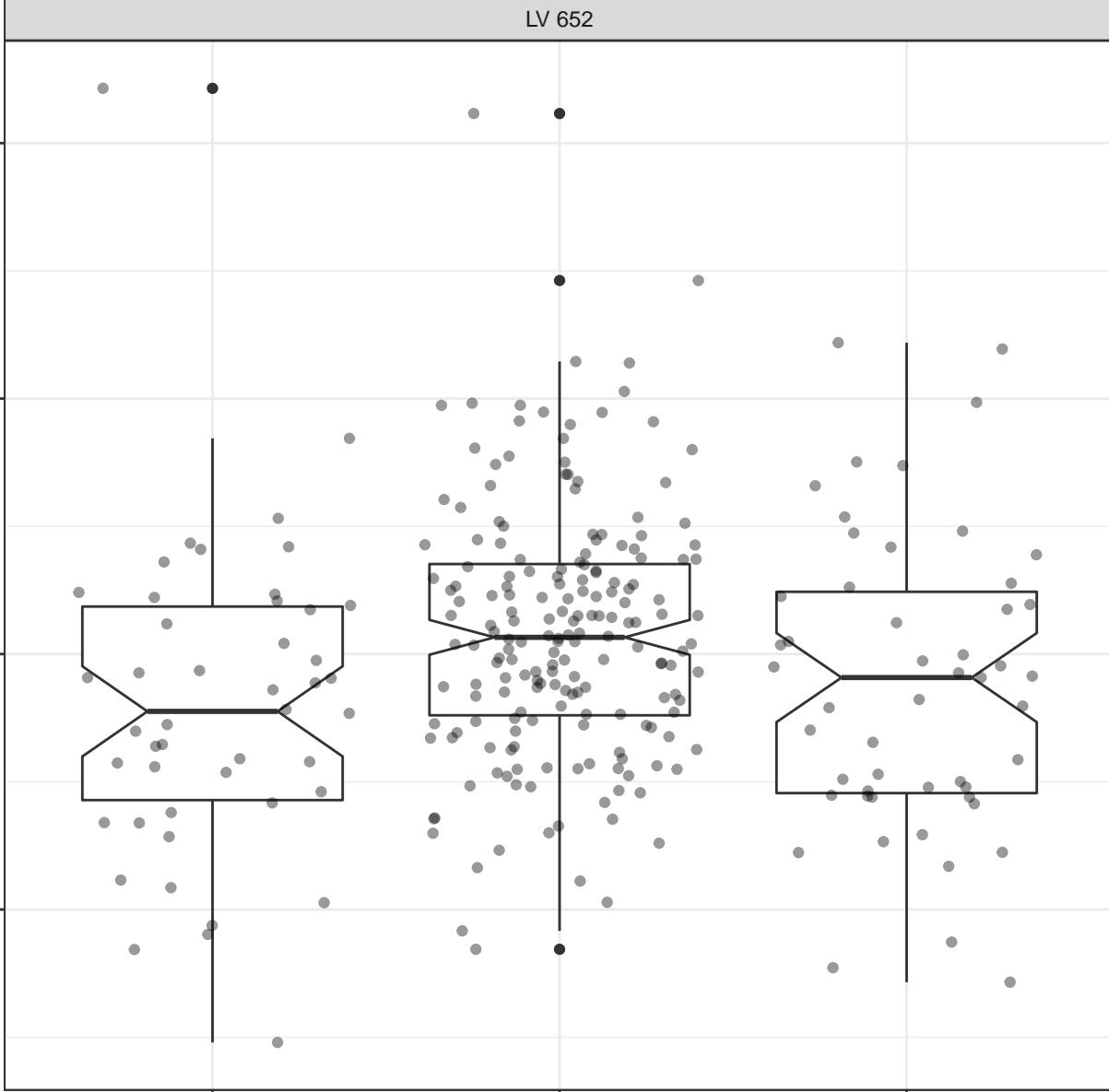
0.00

-0.05

Group 3

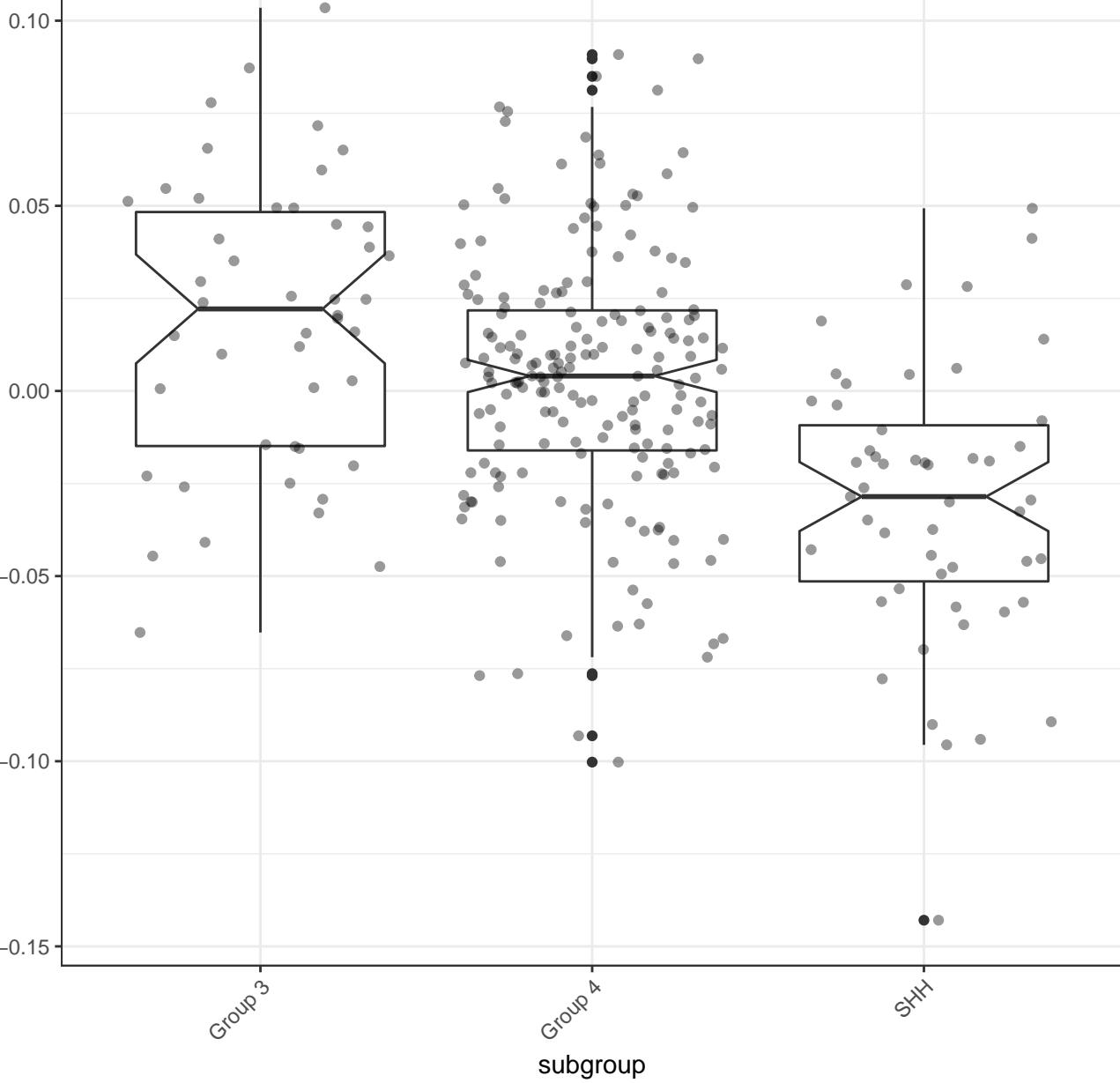
subgroup

SHH



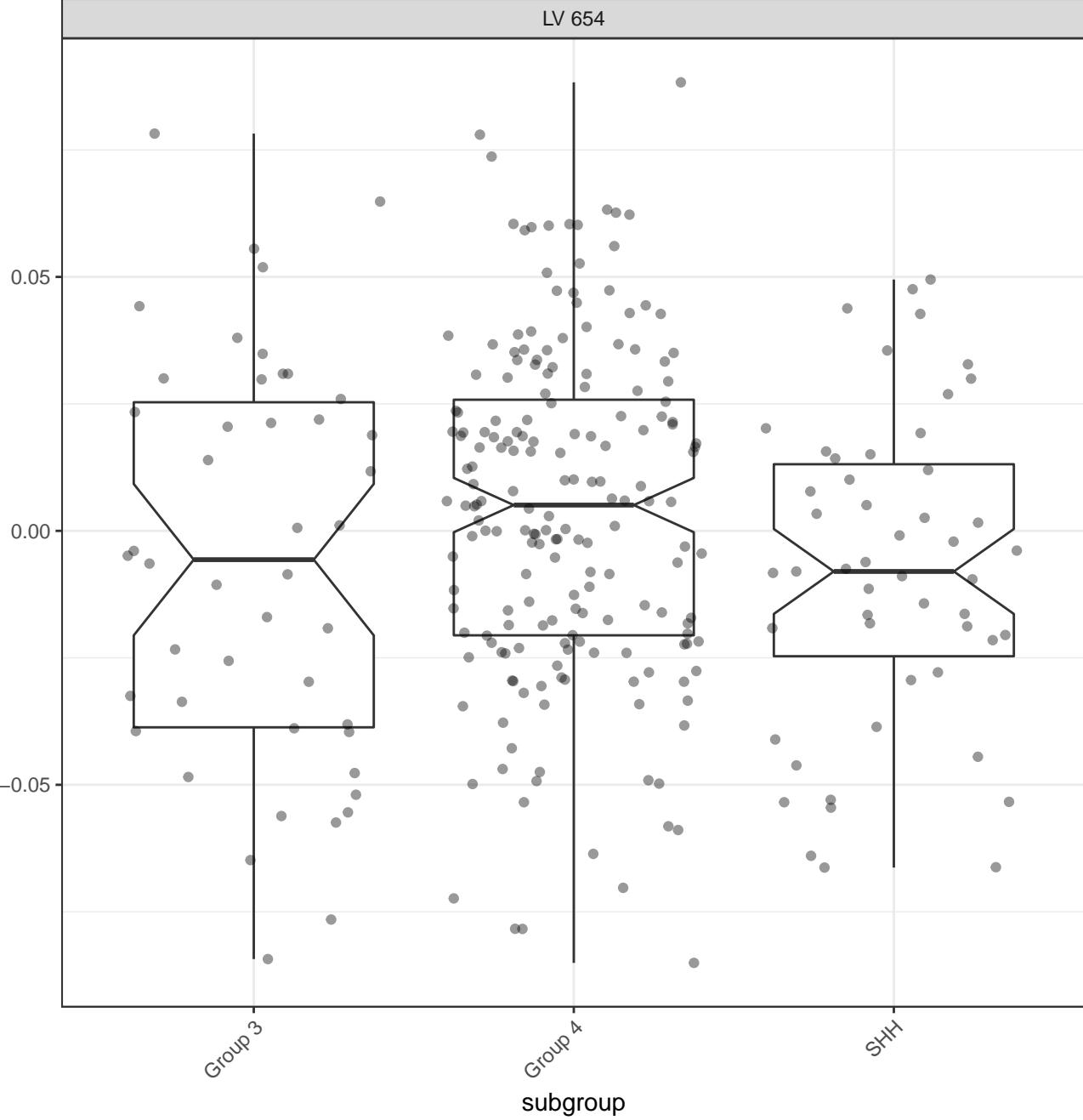
LV 653

Value



LV 654

Value



LV 655

Value

0.05

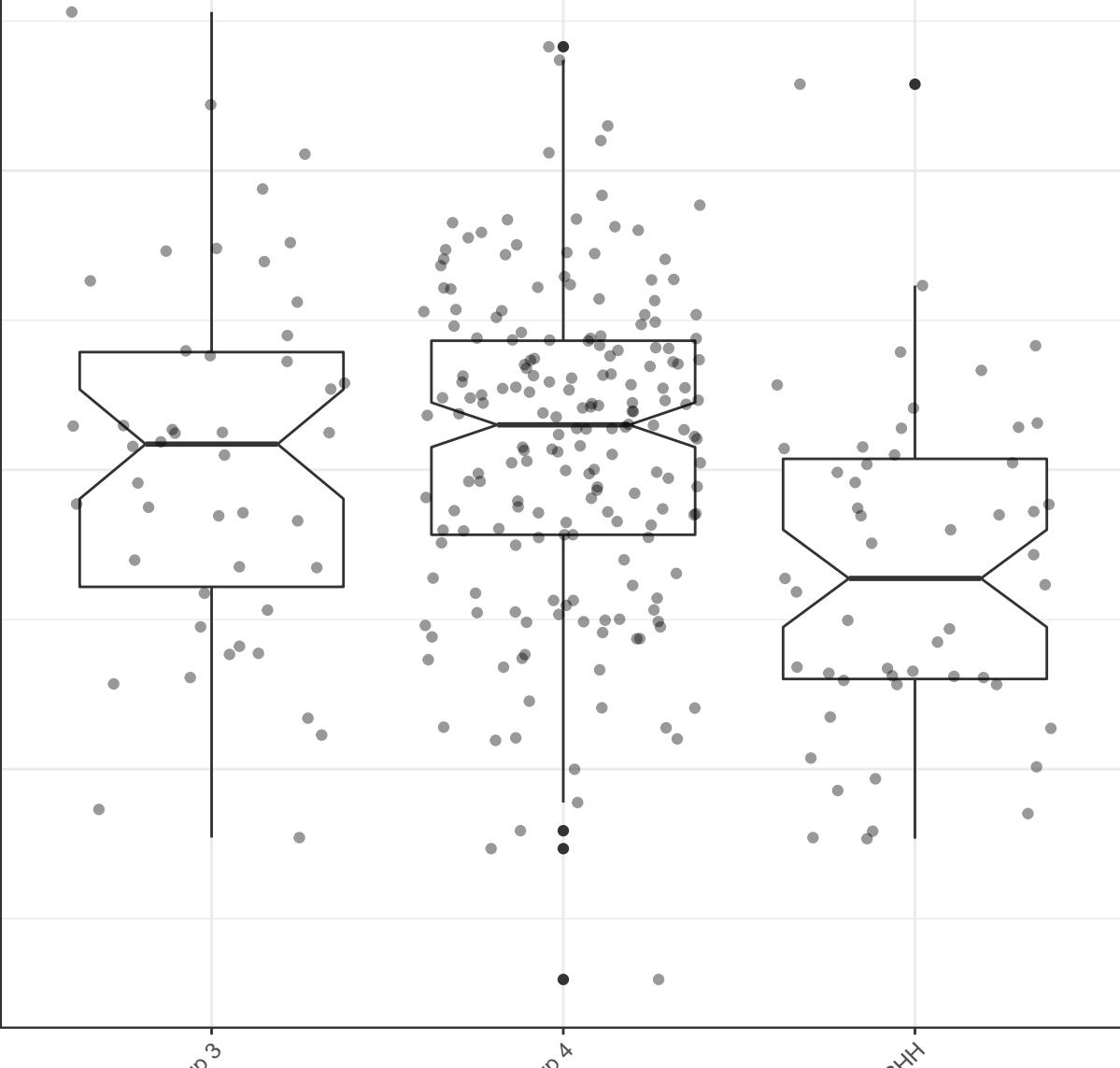
0.00

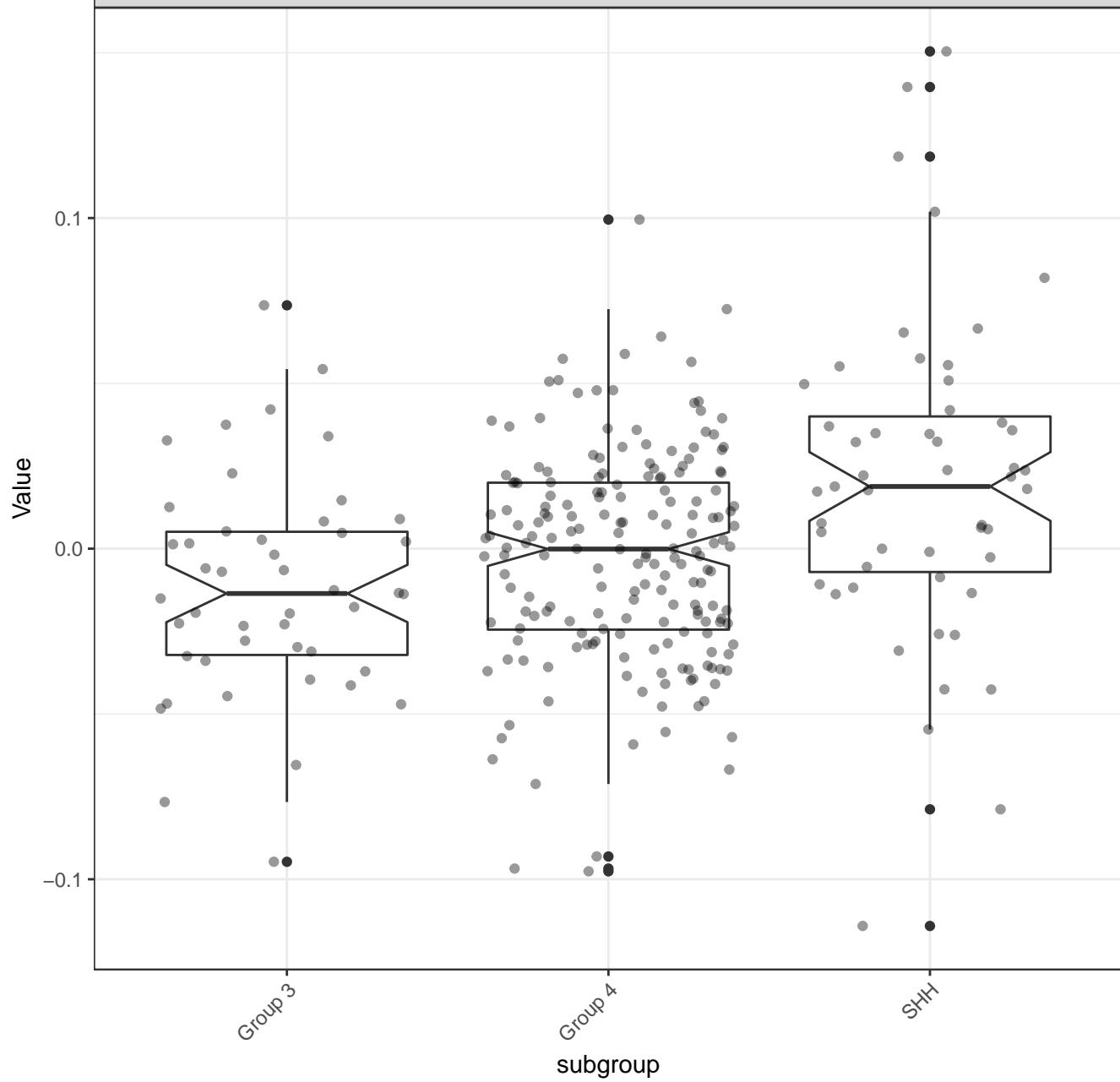
-0.05

Group 3

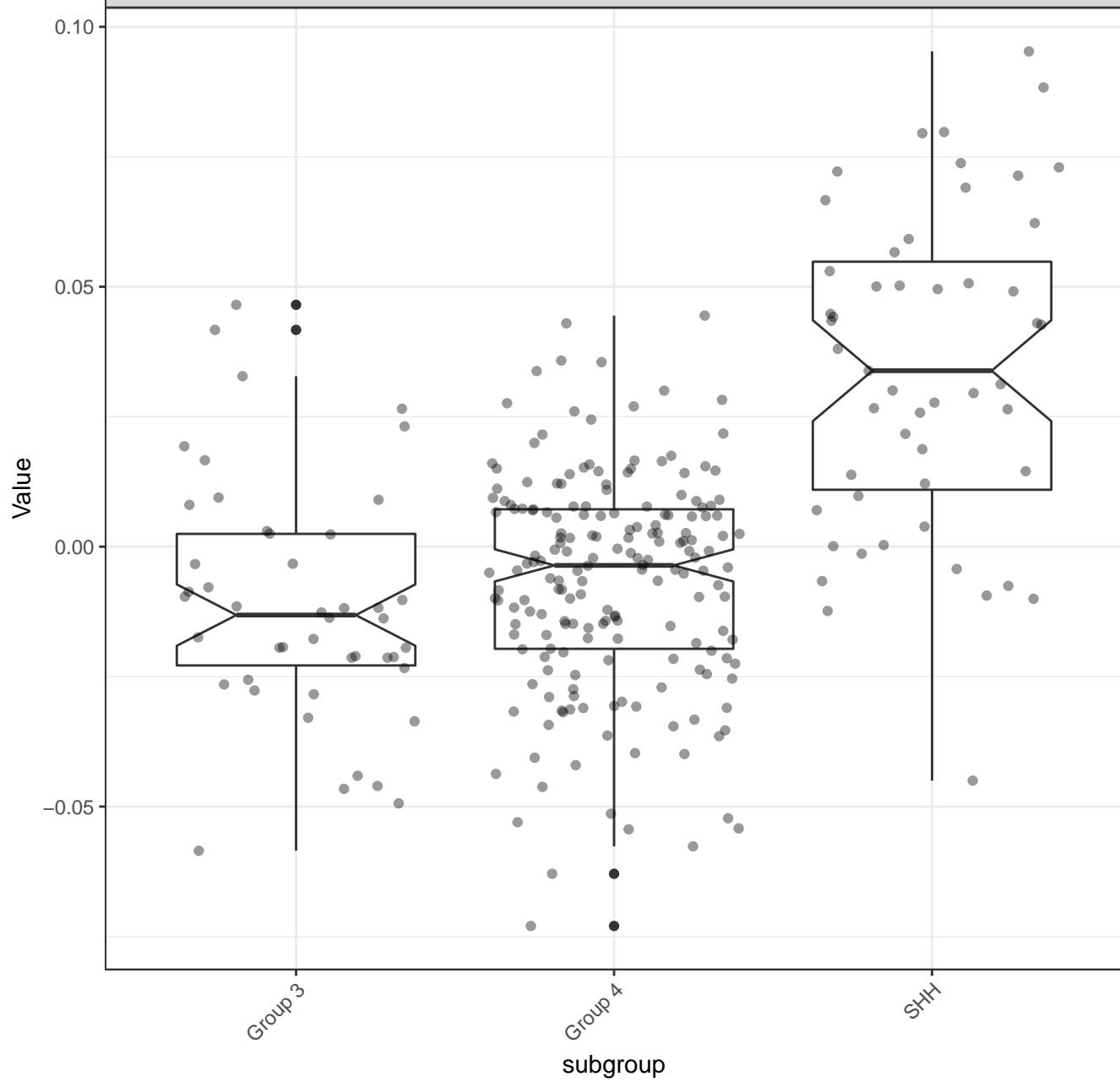
subgroup

SHH





LV 657



LV 658

Value

0.10

0.05

0.00

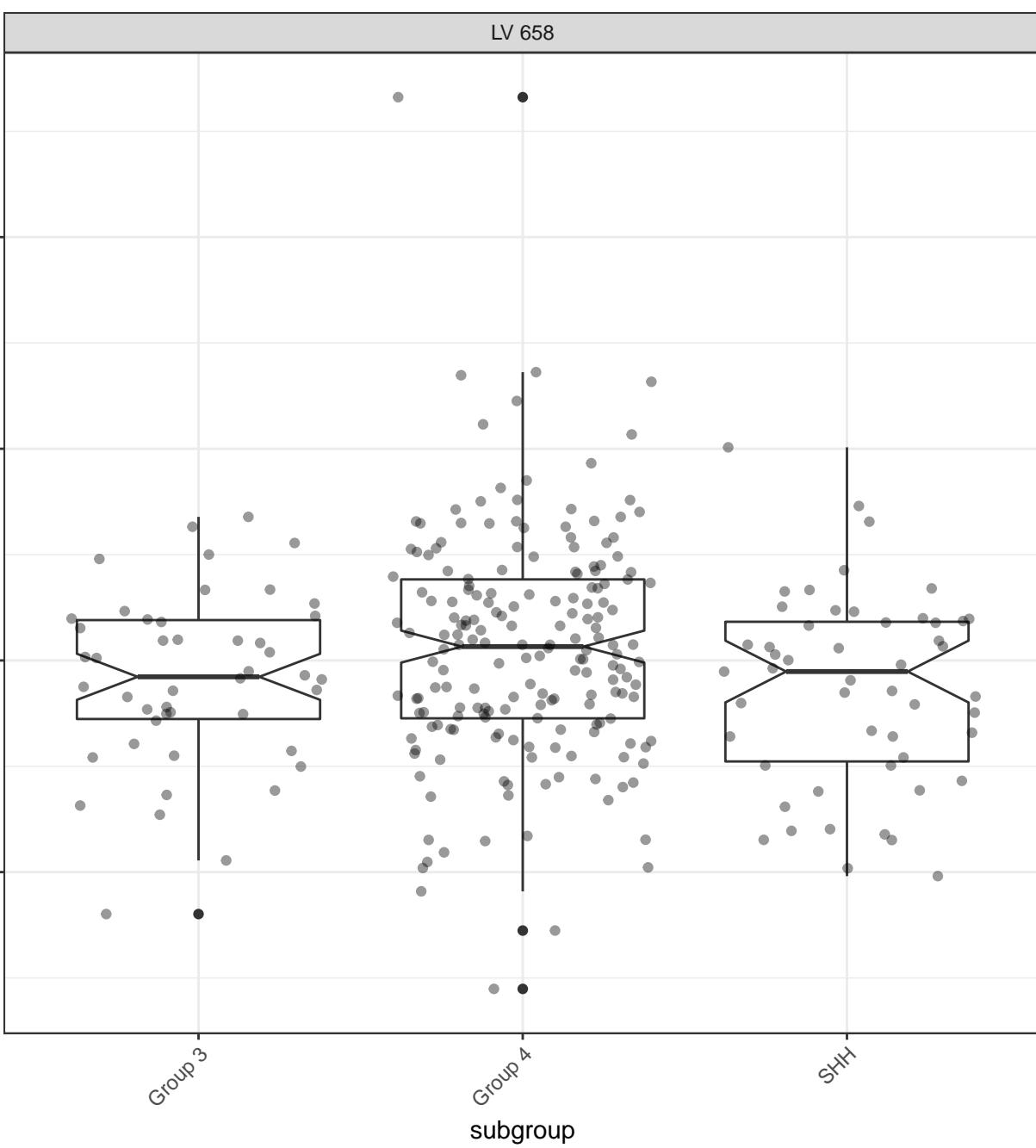
-0.05

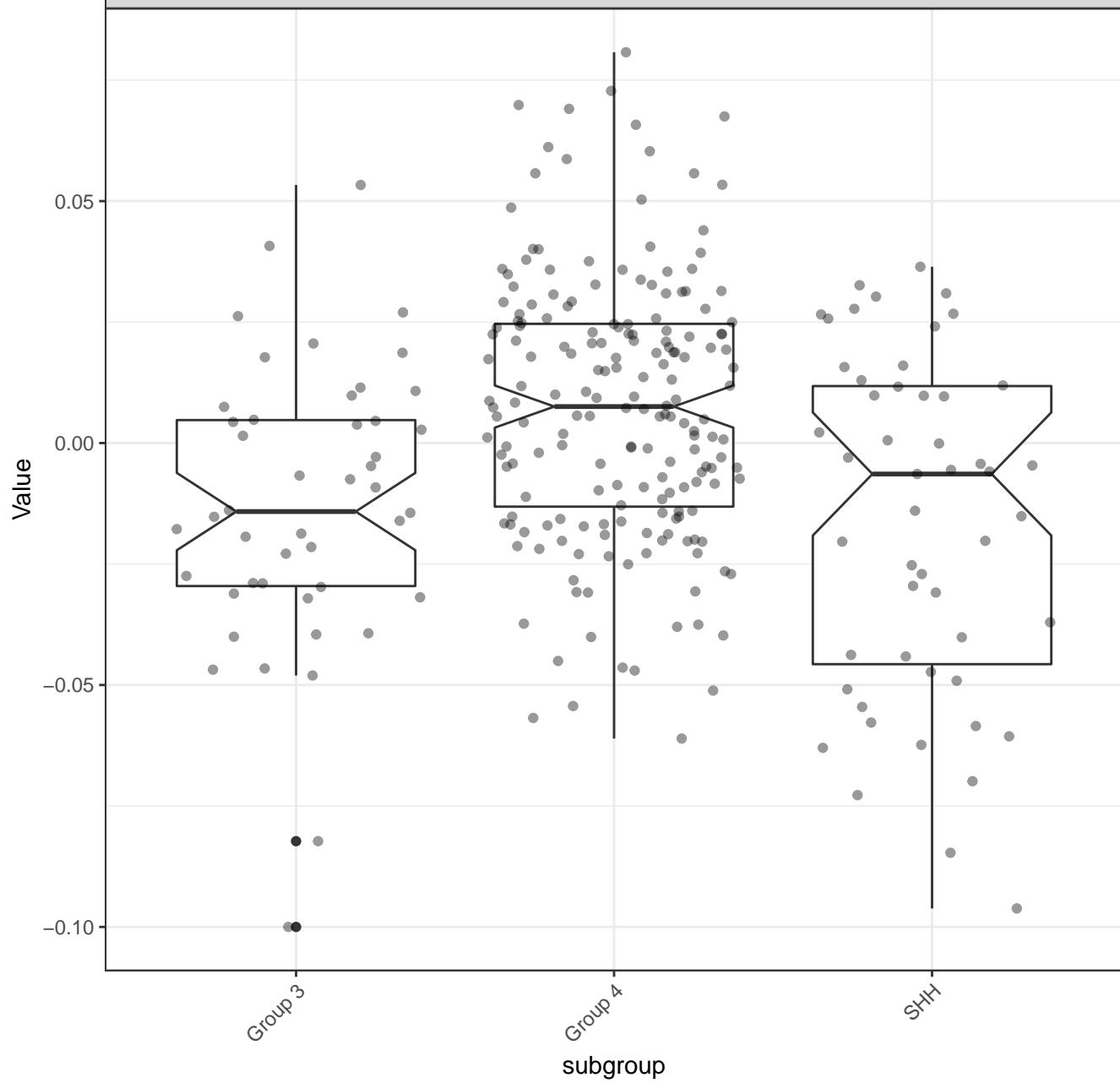
Group 3

Group 4

SHH

subgroup





LV 660

Value

0.10

0.05

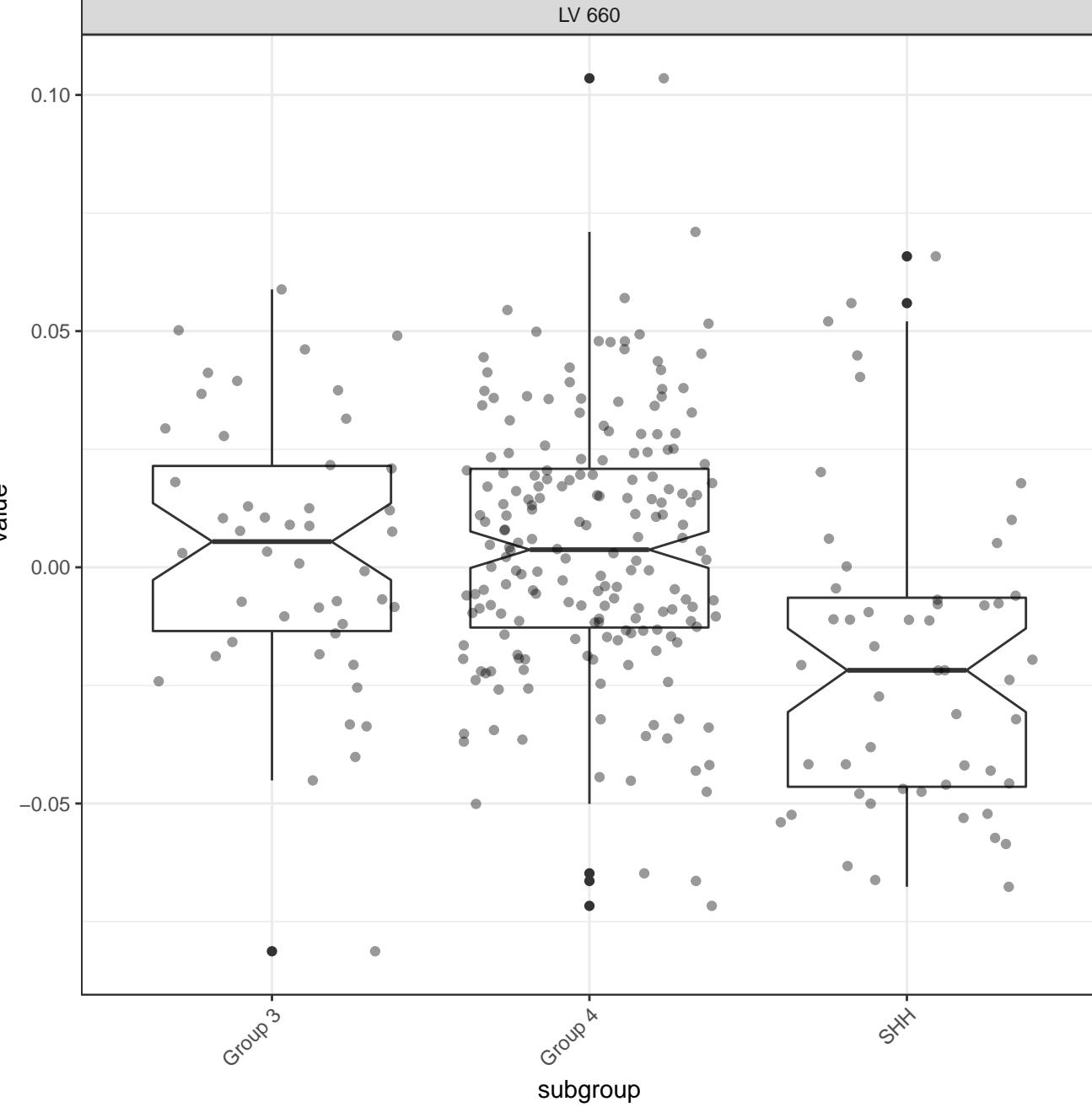
0.00

-0.05

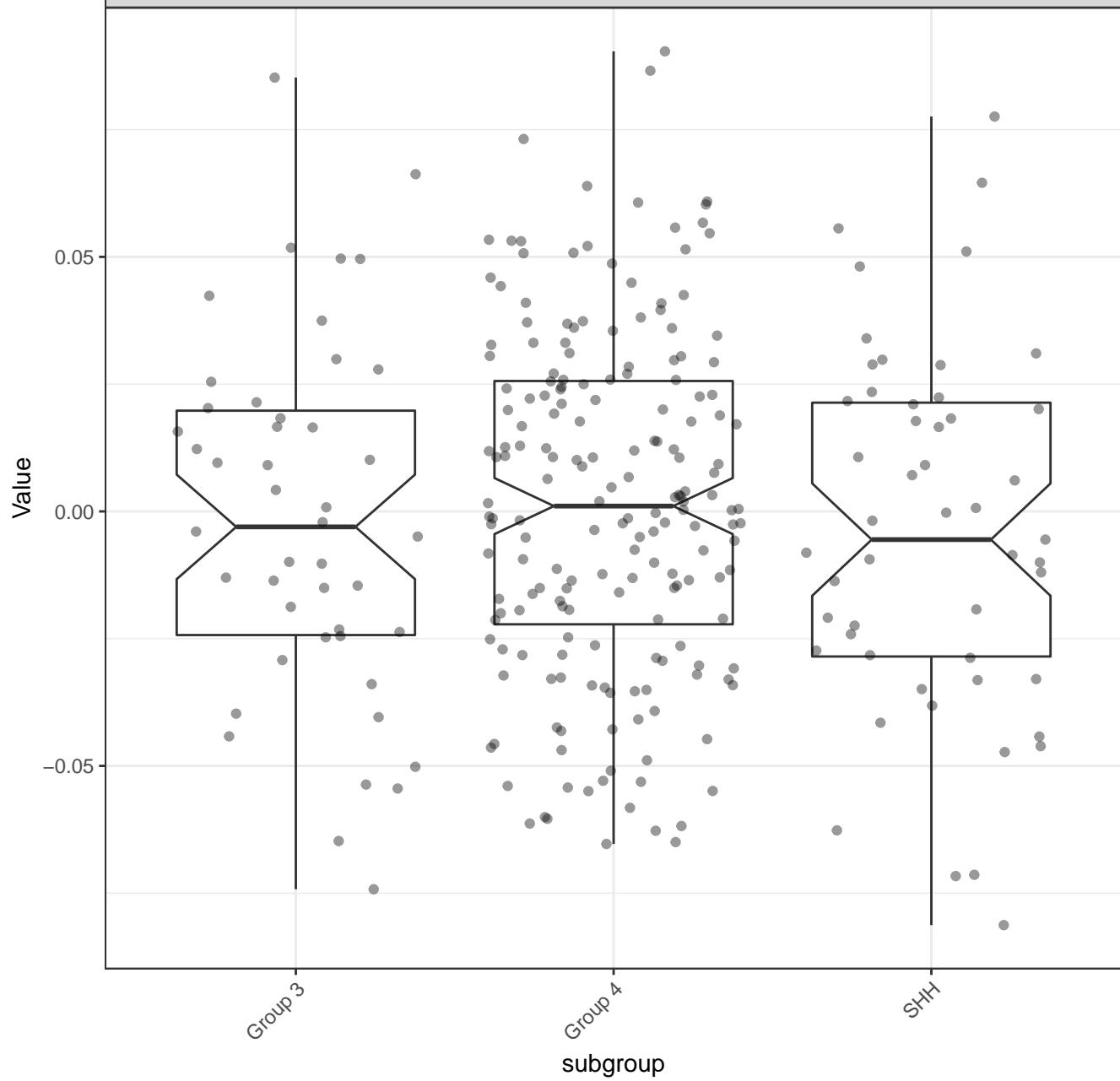
Group 3

subgroup

SHH



LV 661



662,REACTOME_TRANSMISSION_ACROSS_chemical_SYNAPSES

Vvalue

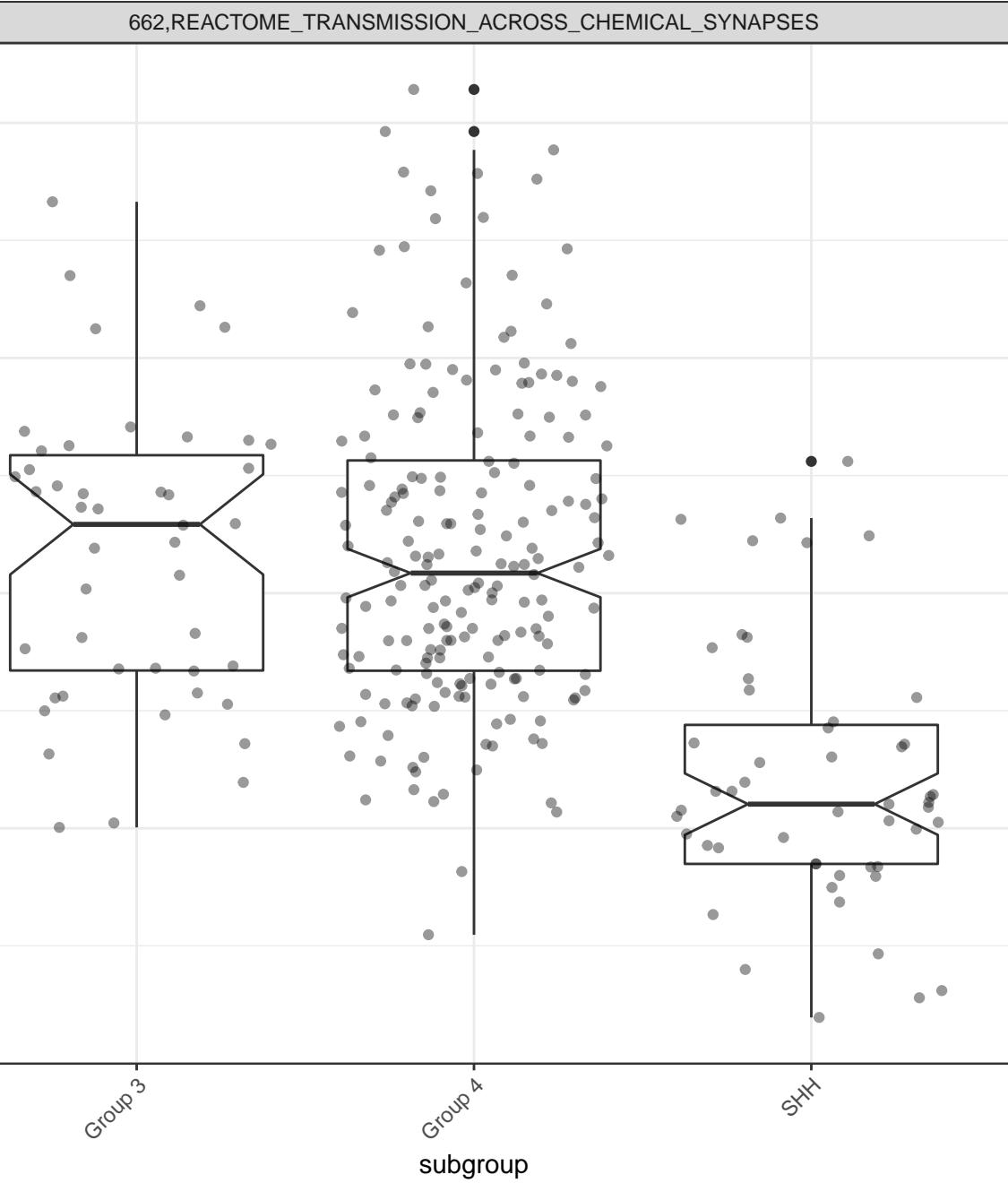
0.10
0.05
0.00
-0.05
-0.10

Group 3

Group 4

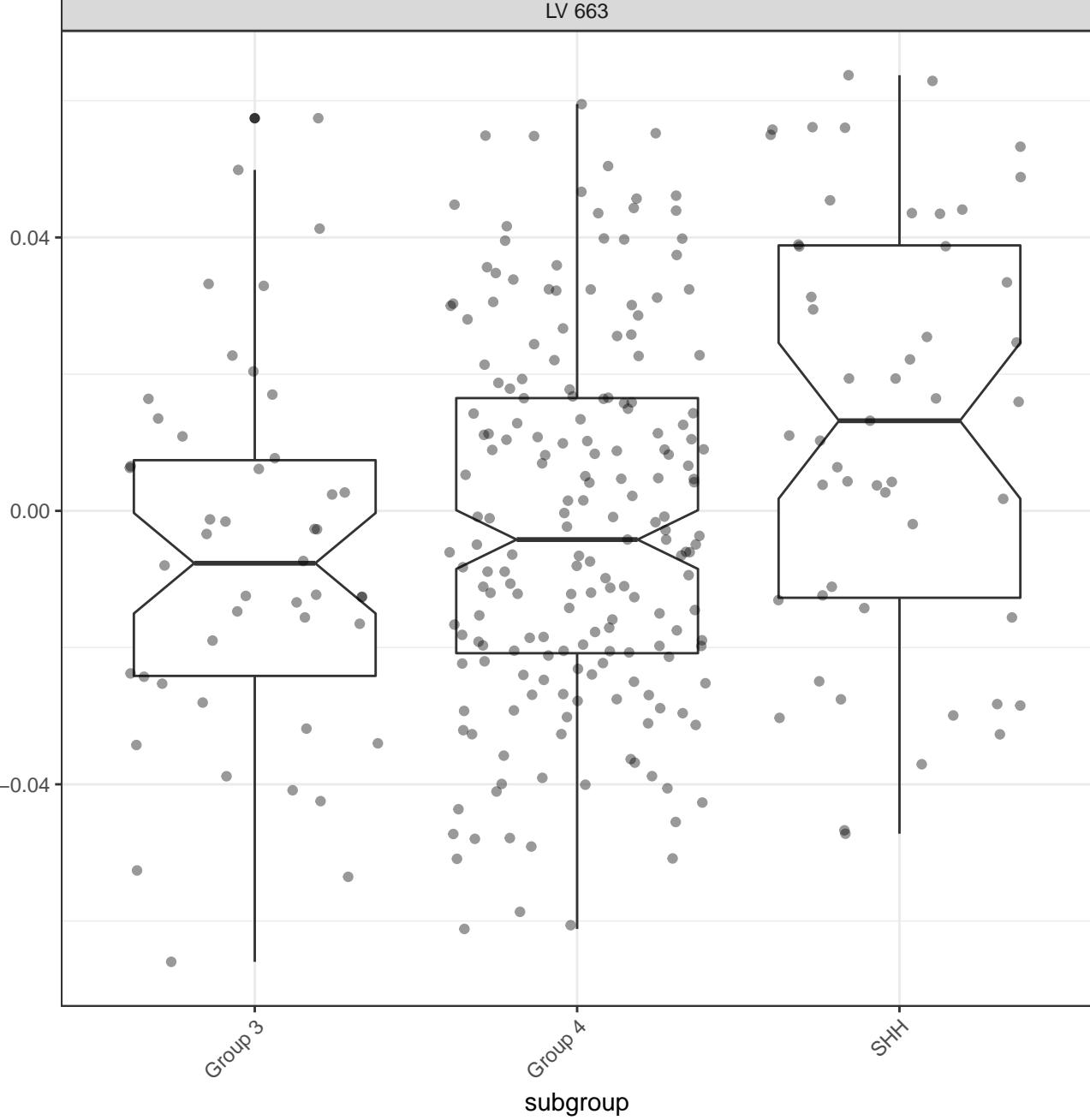
SHH

subgroup

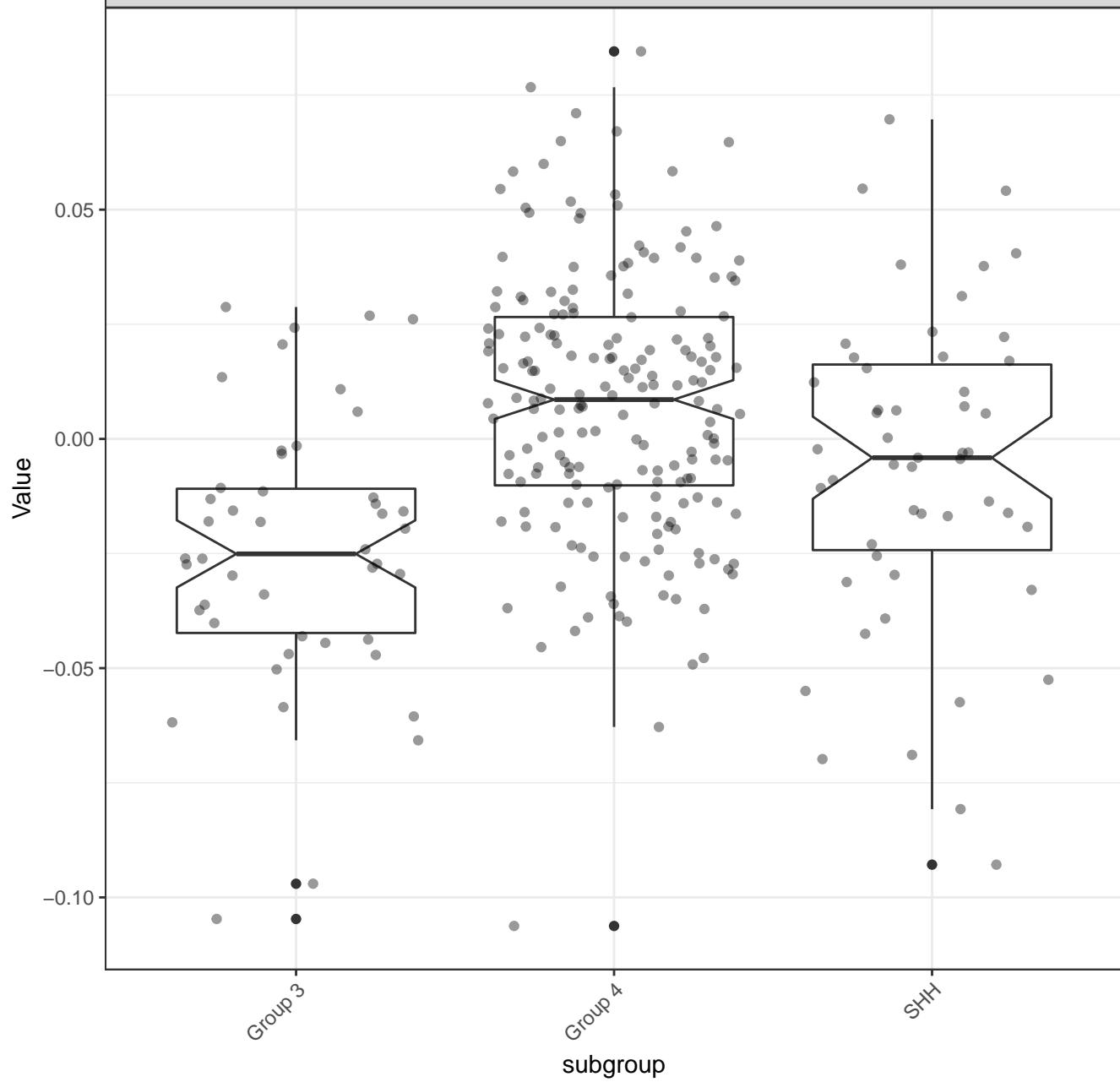


LV 663

Value



LV 664



Value

0.10

0.05

0.00

-0.05

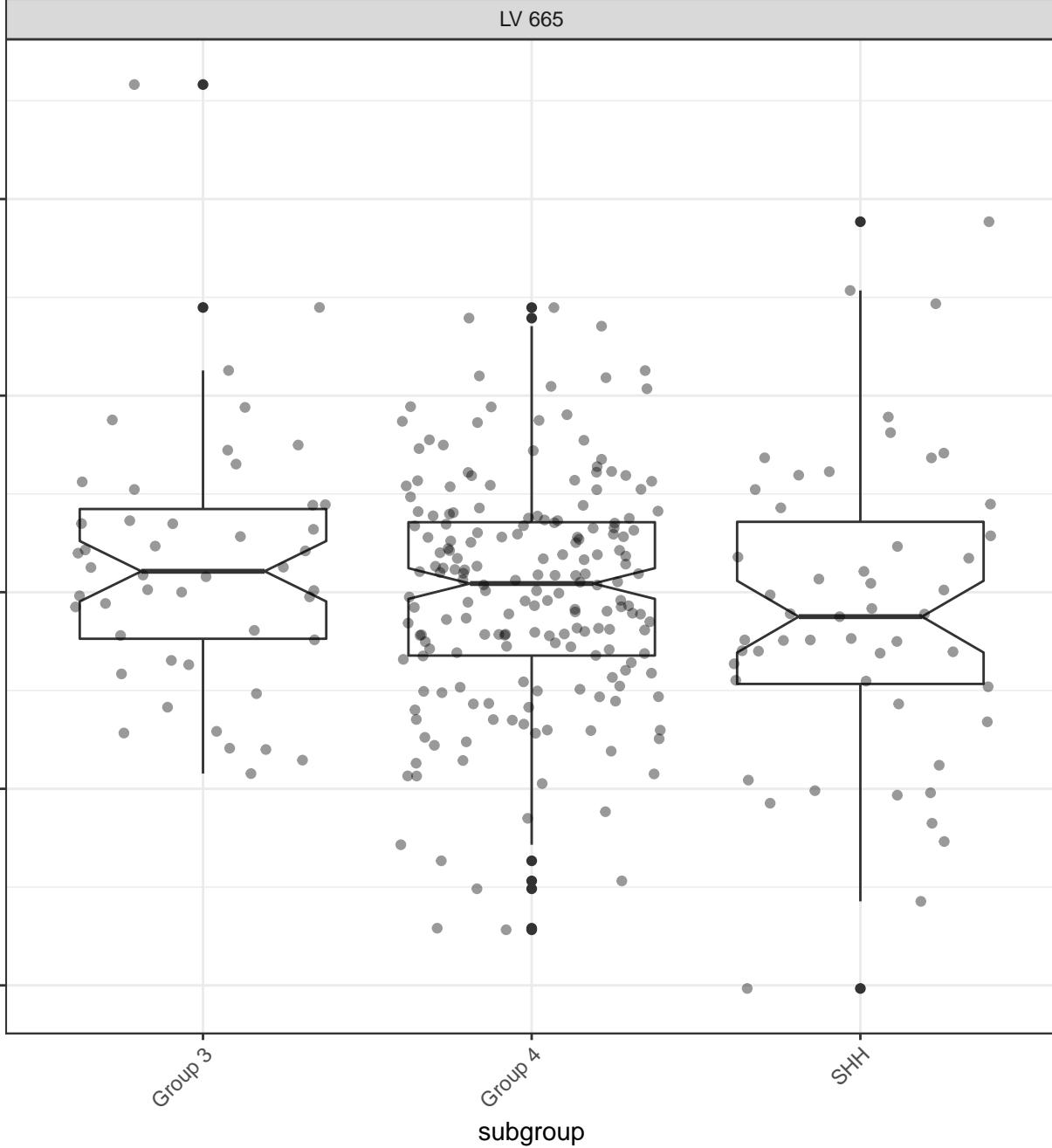
-0.10

Group 3

Group 4

SHH

subgroup



LV 666

Value

0.05

0.00

-0.05

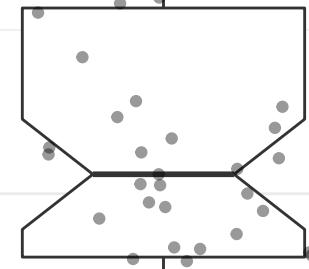
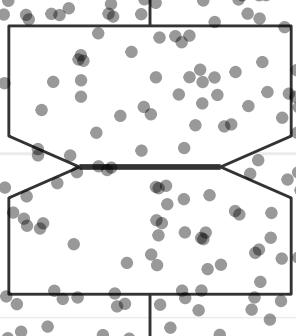
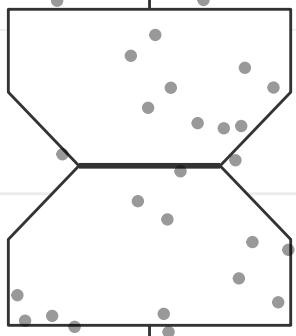
-0.10

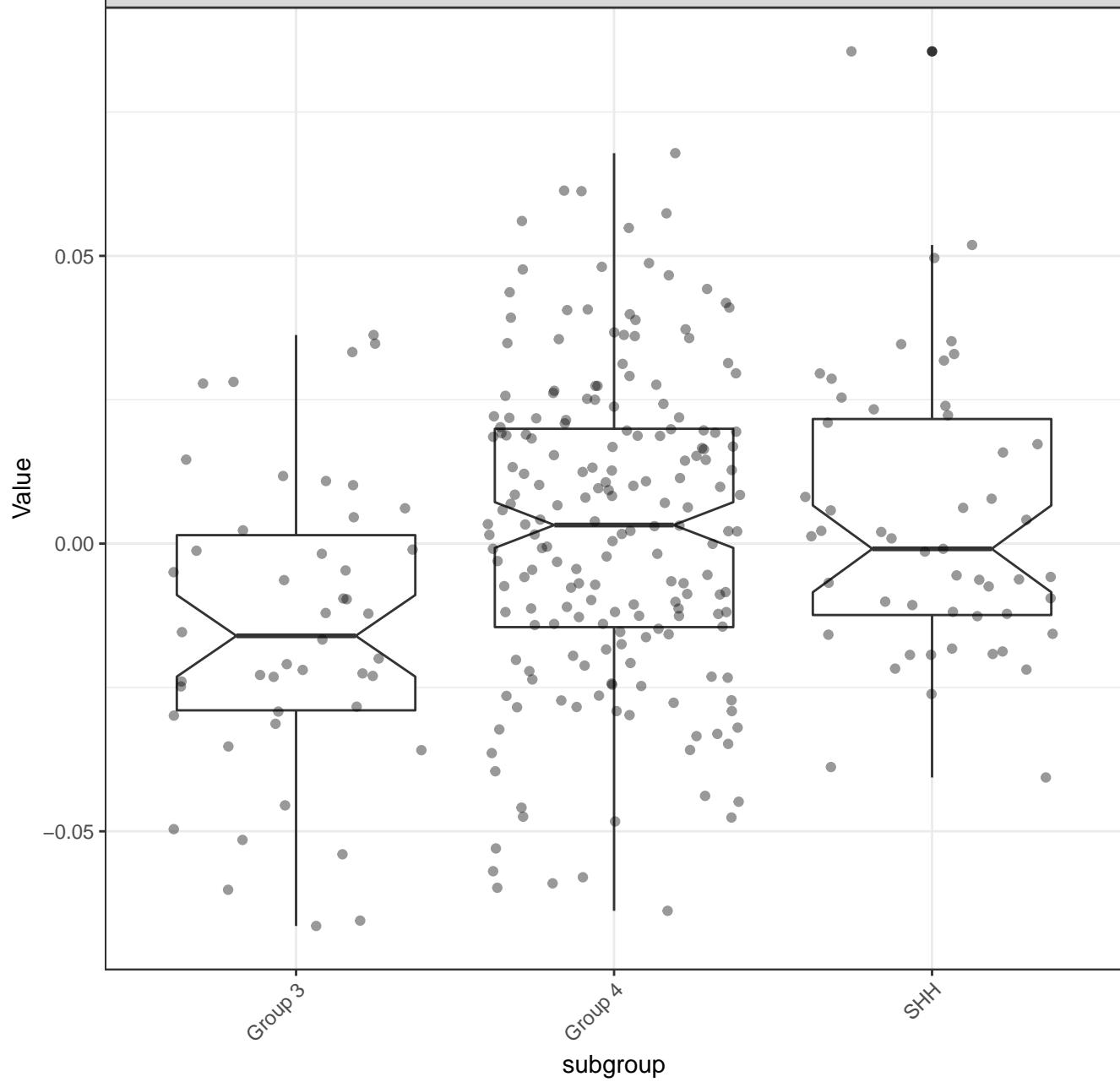
Group₃

Group₄

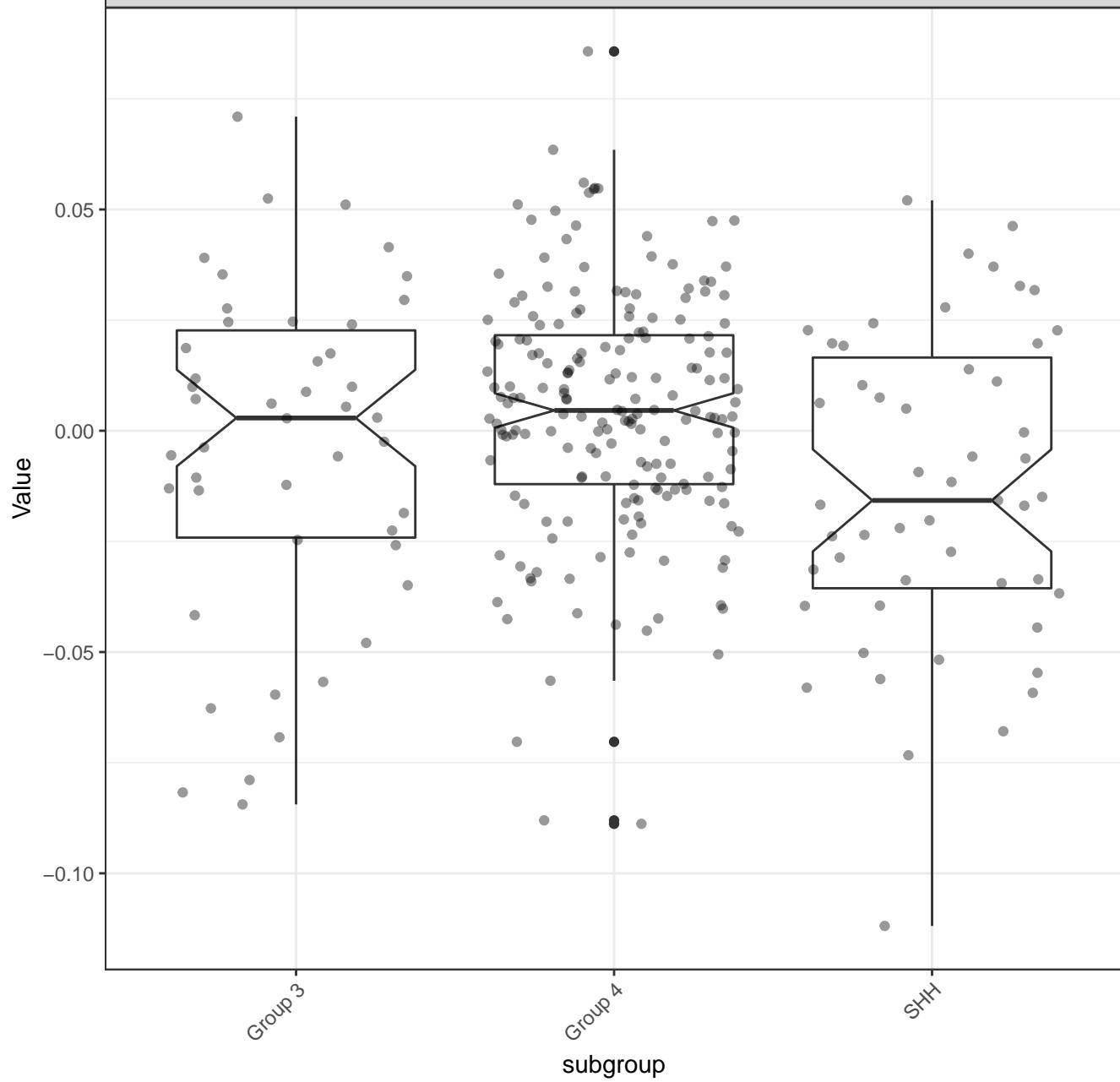
SHH

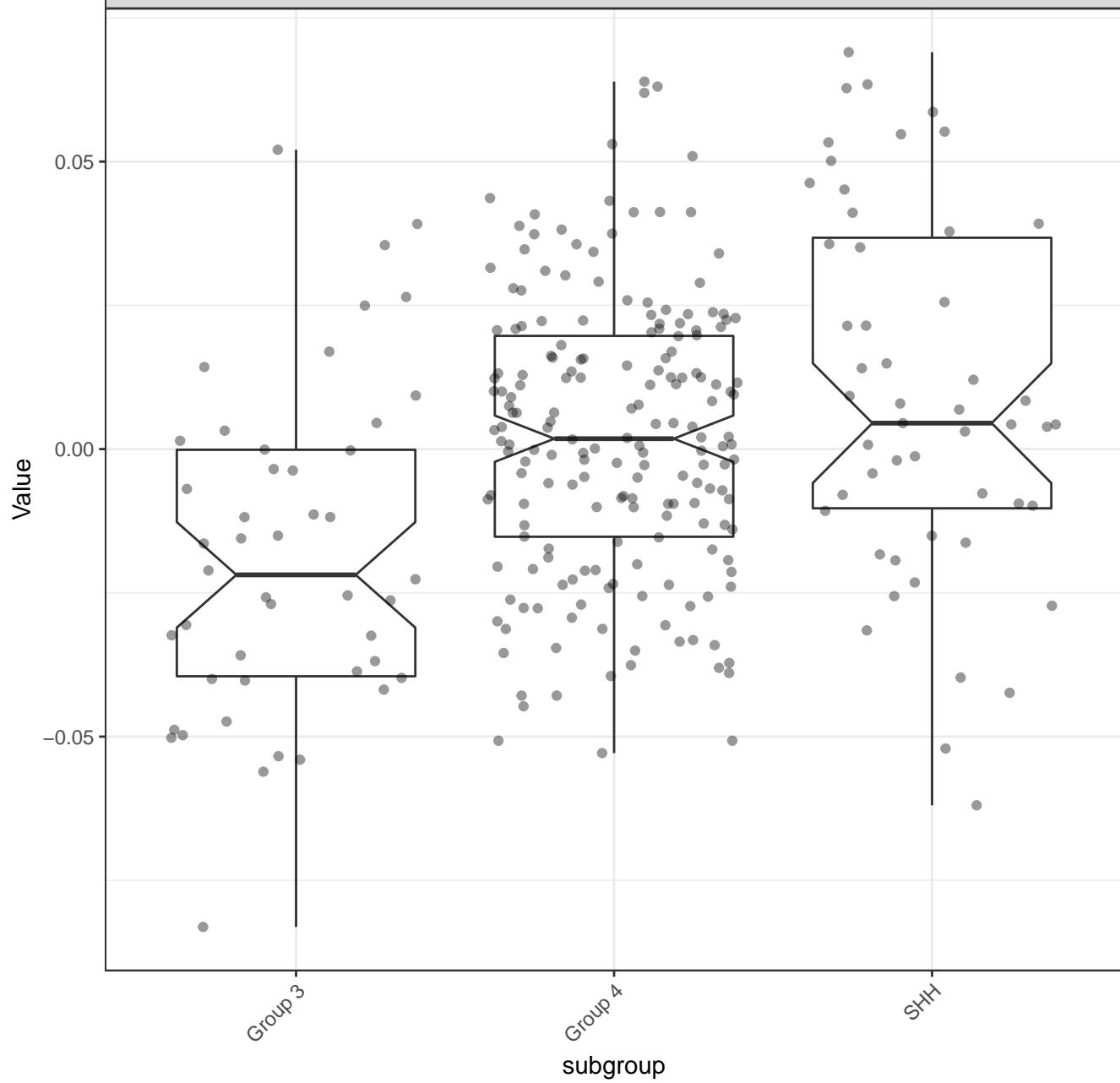
subgroup





LV 668





670,REACTOME_AMINO_ACID_AND_OLIGOPEPTIDE_SLC_TRANSPORTERS

Value

0.1

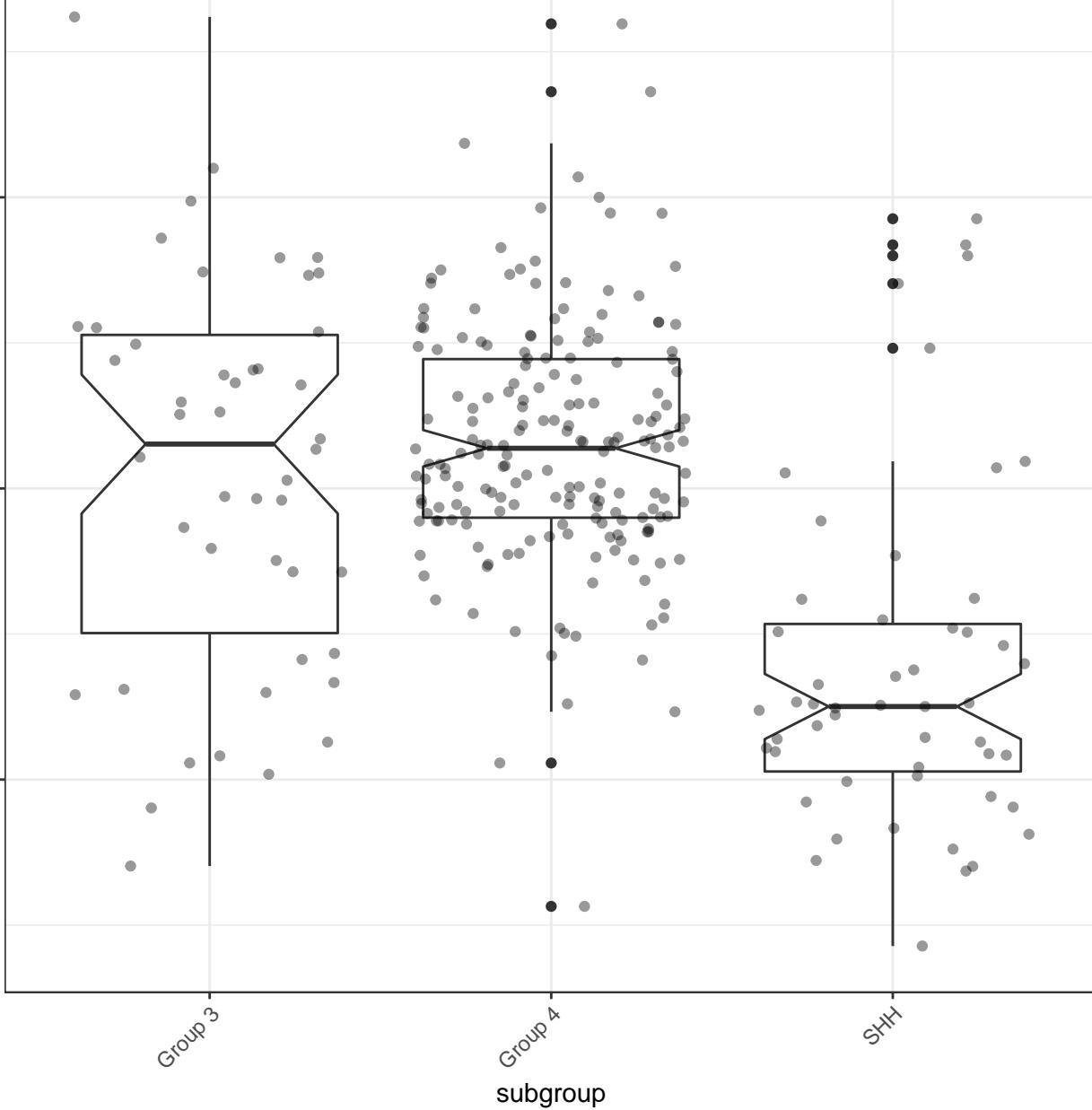
0.0

-0.1

Group 3

subgroup

SHH



671,REACTOME_COLLAGEN_FORMATION

Value

0.2

0.1

0.0

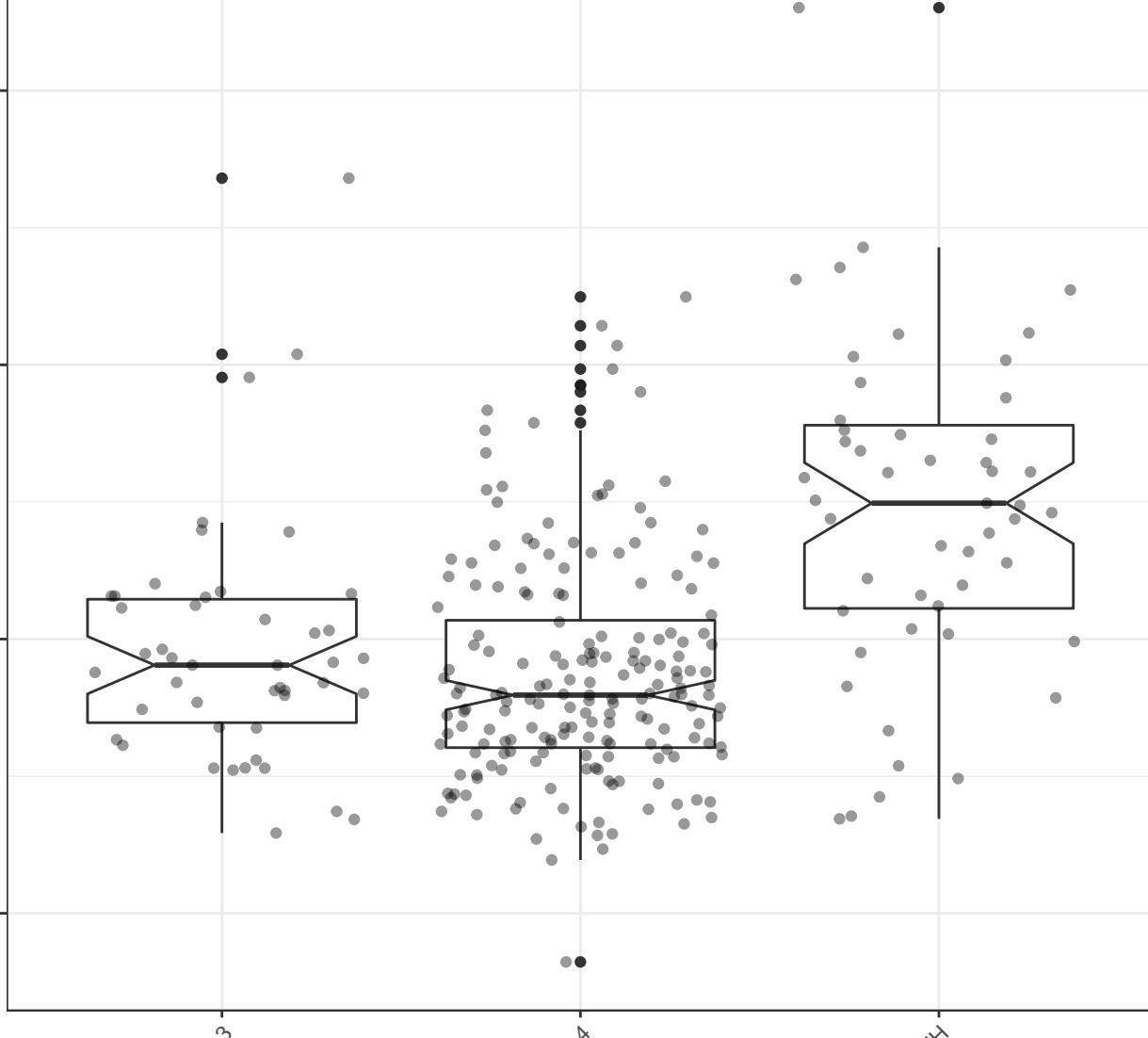
-0.1

Group 3

Group 4

SHH

subgroup



LV 672

Value

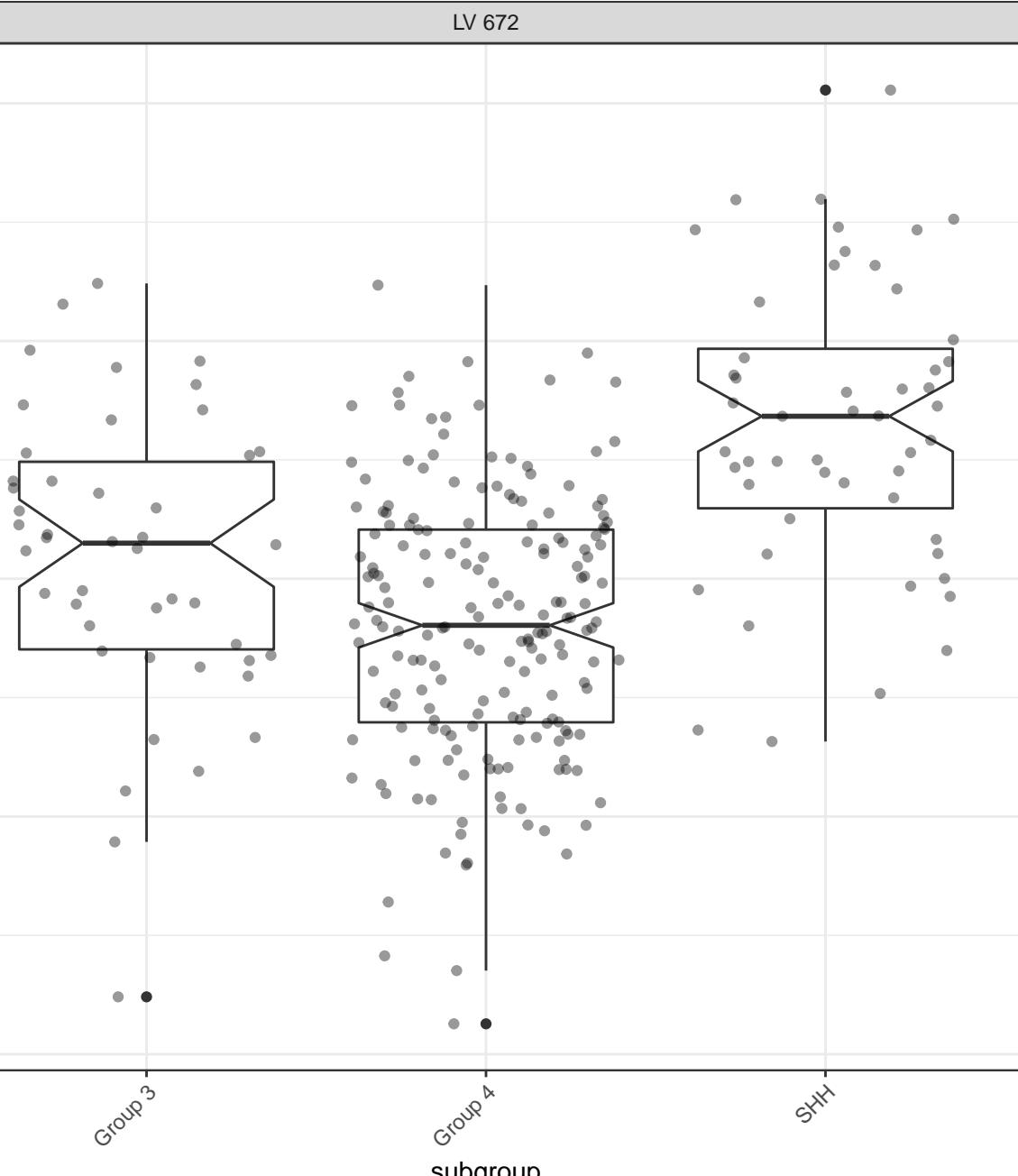
0.10
0.05
0.00
-0.05
-0.10

Group 3

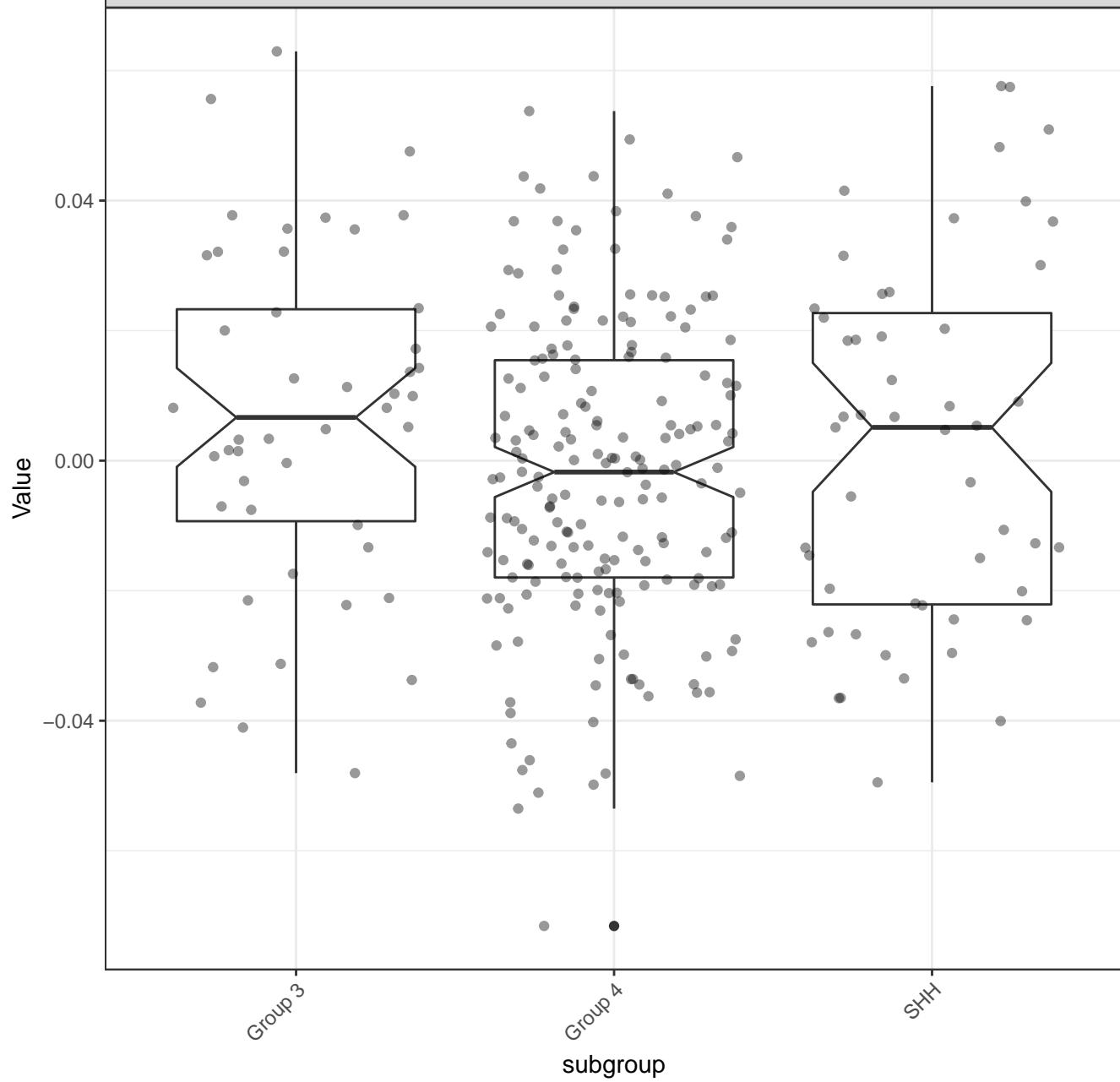
Group 4

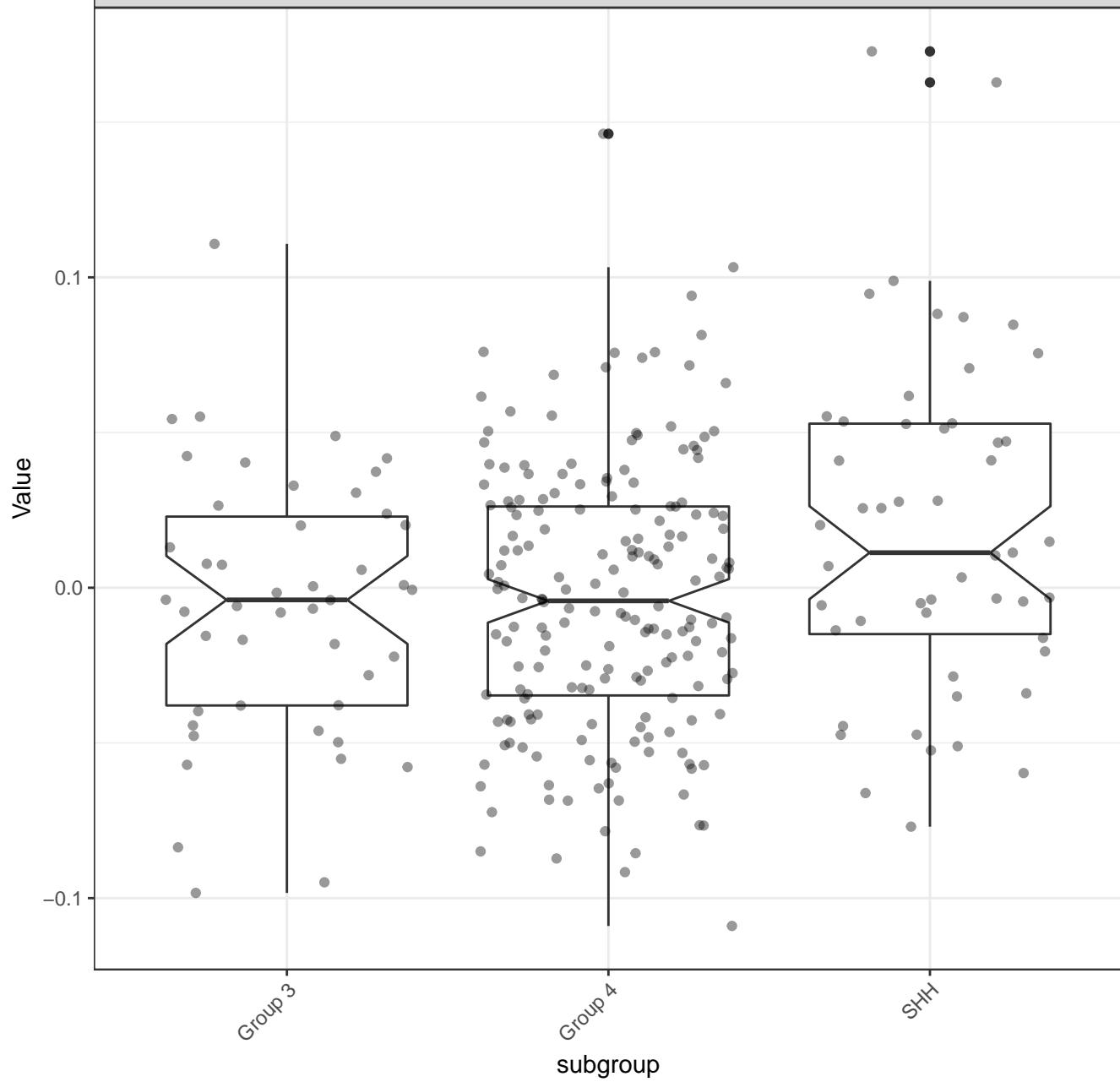
SHH

subgroup

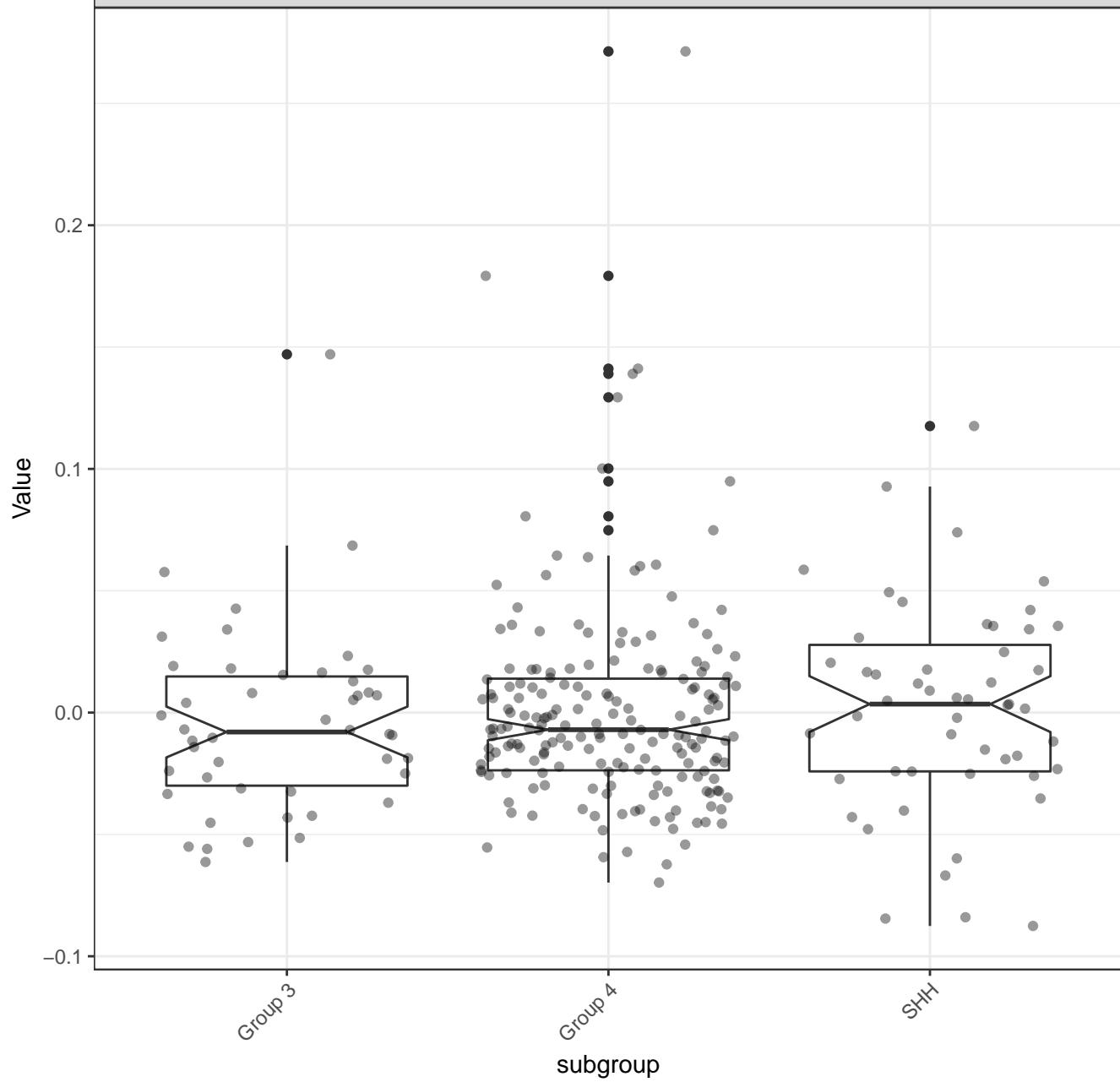


LV 673





675,IRIS_Neutrophil–Resting



LV 676

Value

0.10

0.05

0.00

-0.05

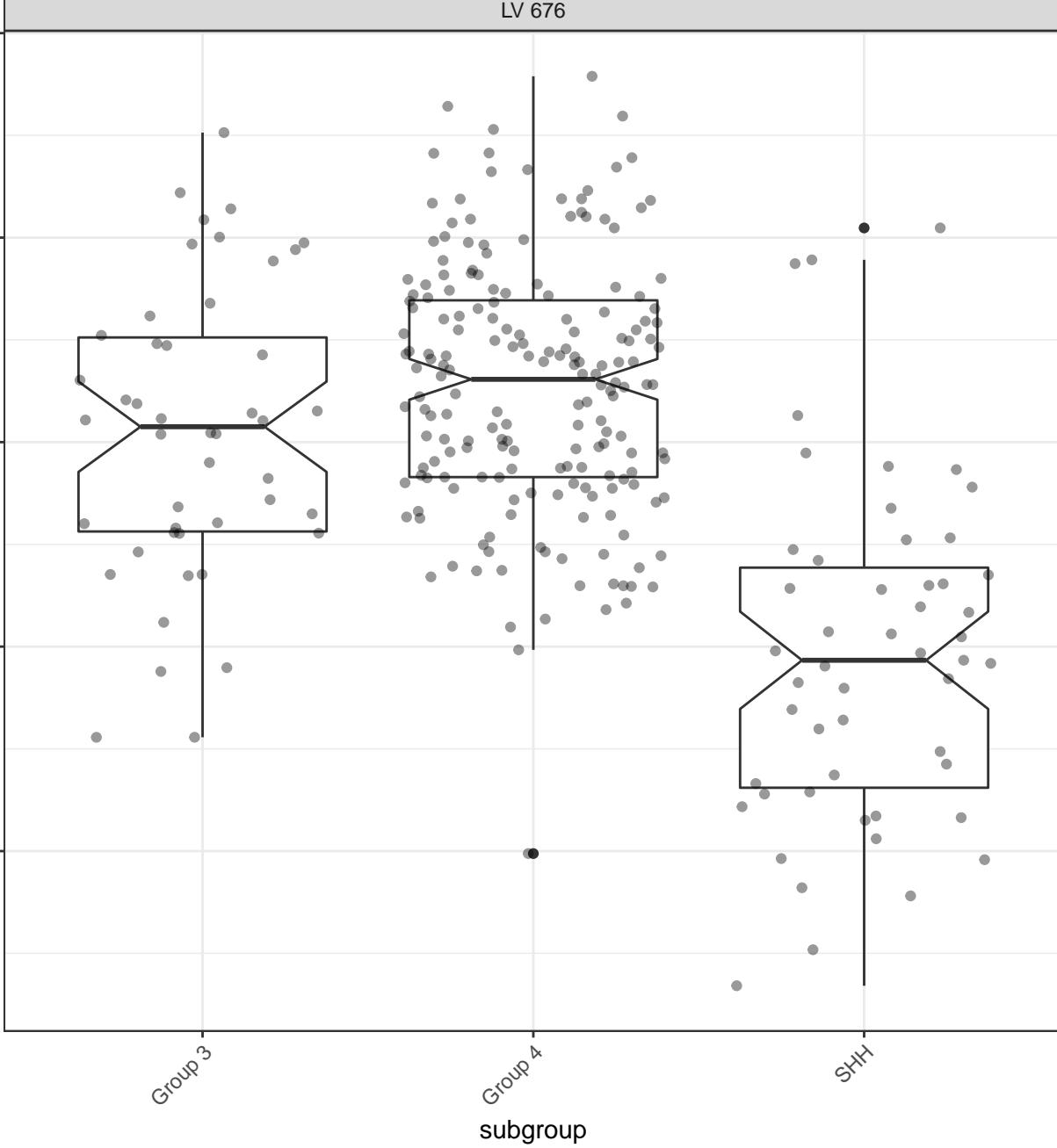
-0.10

Group 3

Group 4

SHH

subgroup



LV 677

Value

0.10

0.05

0.00

-0.05

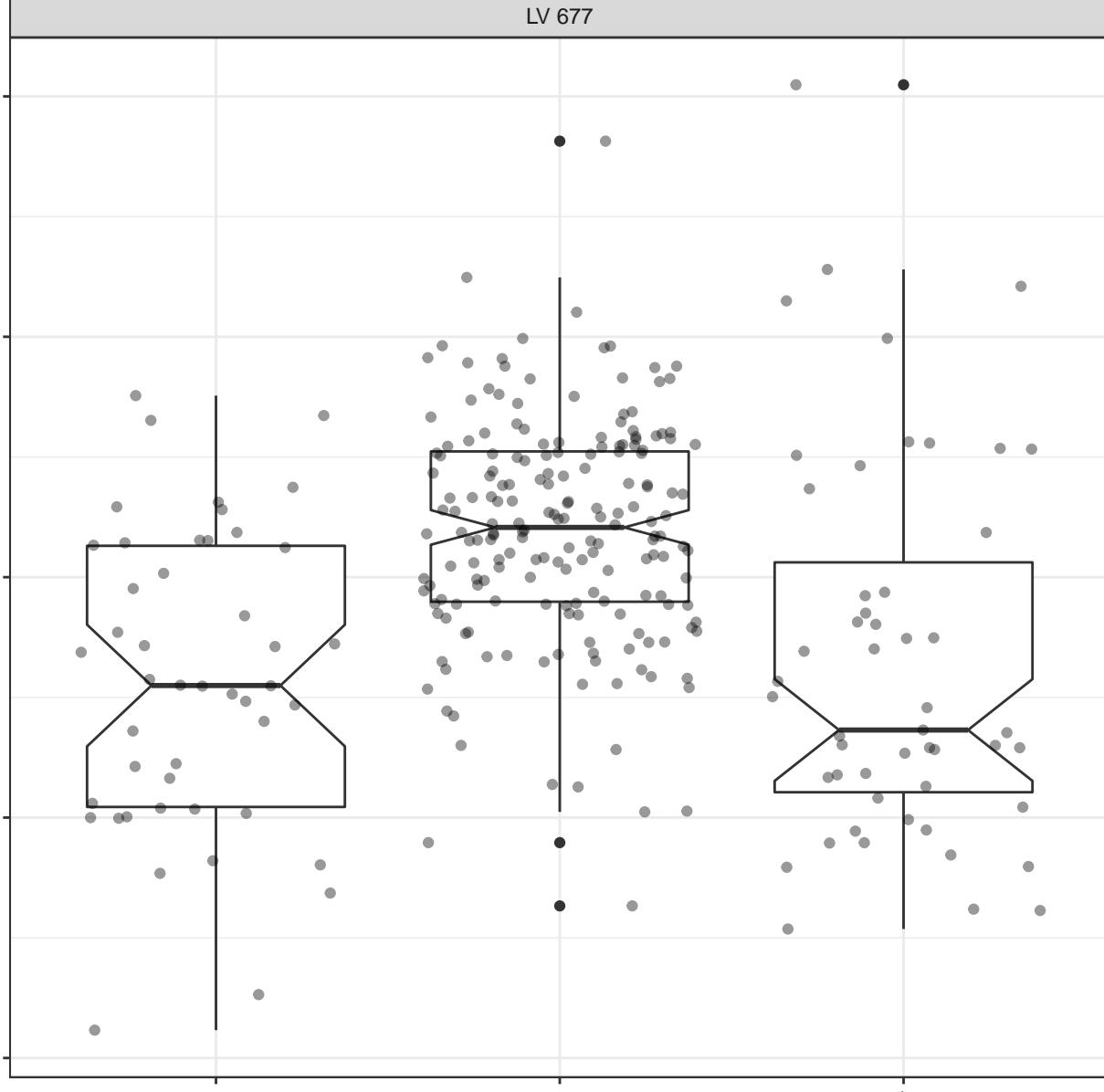
-0.10

Group 3

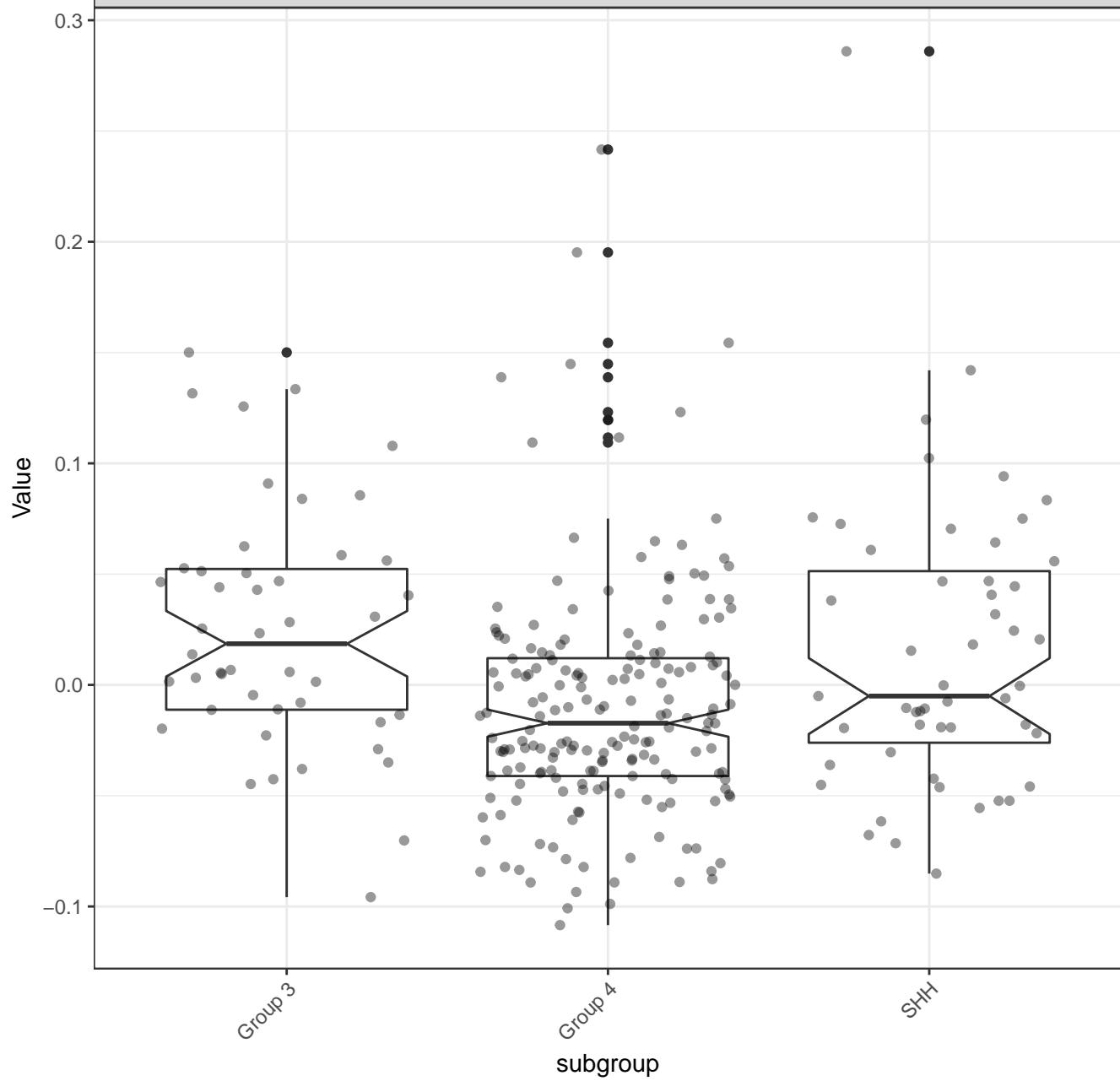
subgroup

Group 4

SHH



ELECTRON_TRANSPORT_ATP_SYNTHESIS_BY_CHEMIOSMOTIC_COUPLING_AND_HEAT_PRODUCTION



LV 679

Value

0.10

0.05

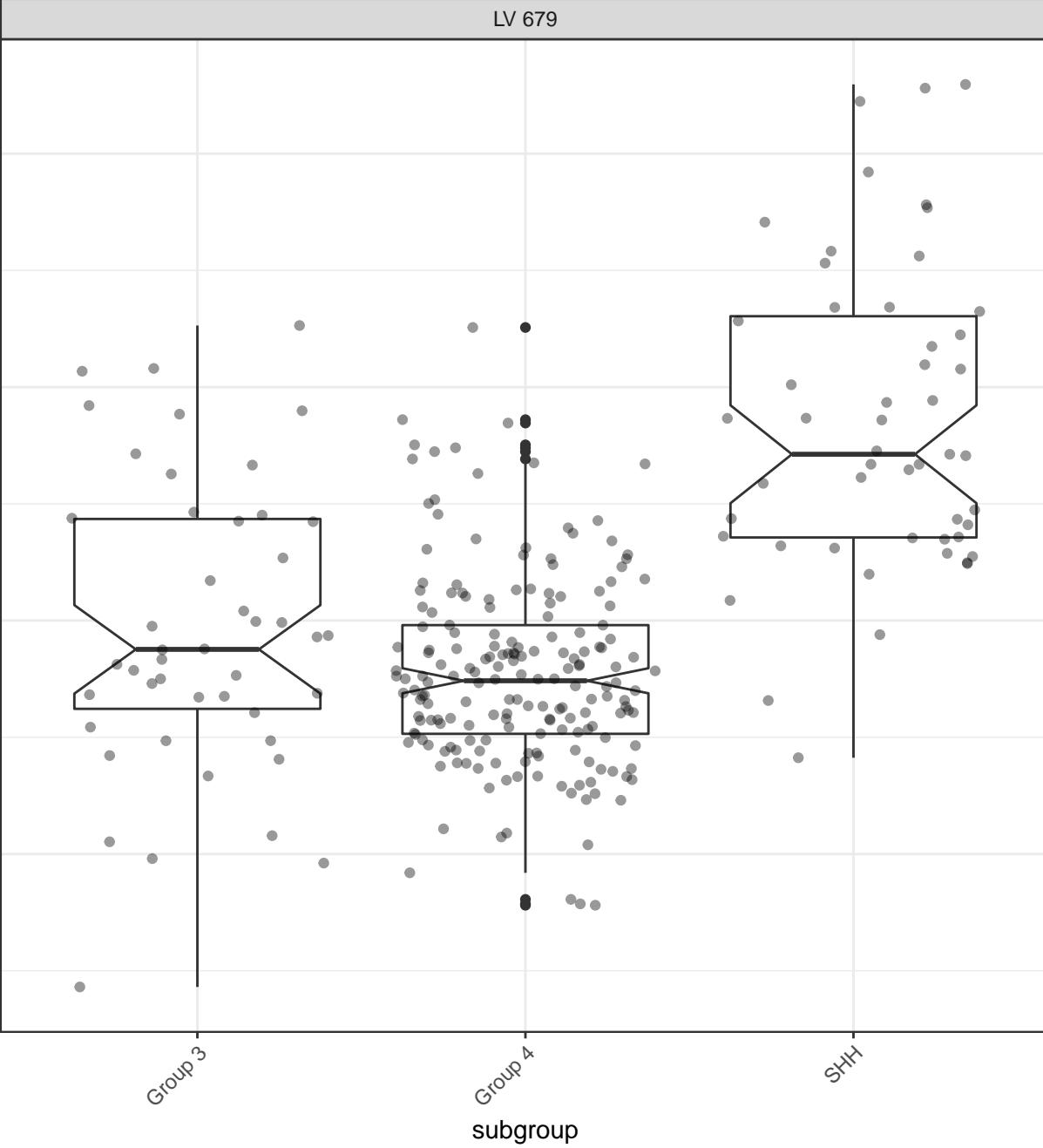
0.00

-0.05

Group 3

subgroup

SHH



LV 680

Value

0.10

0.05

0.00

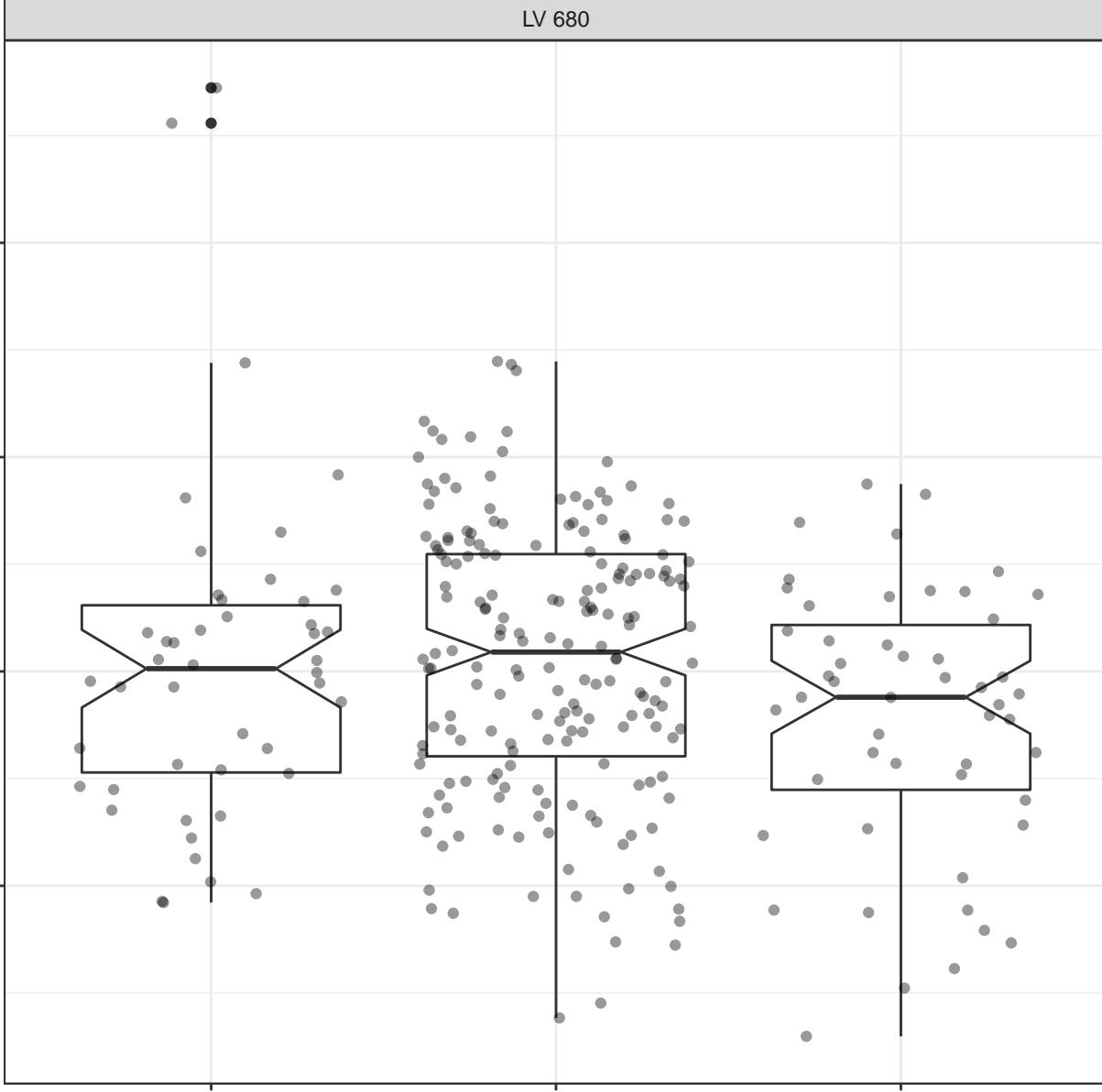
-0.05

Group 3

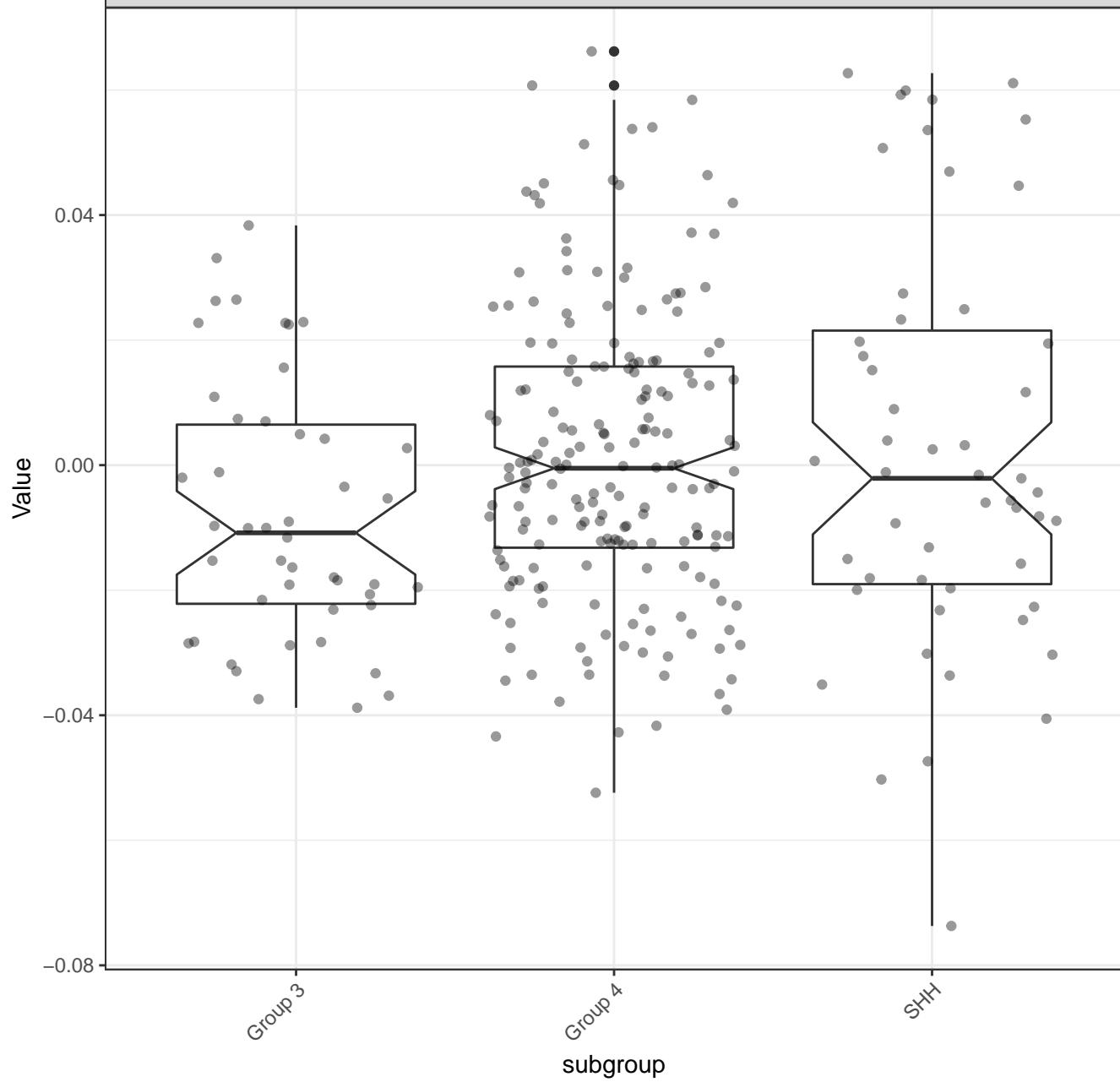
Group 4

SHH

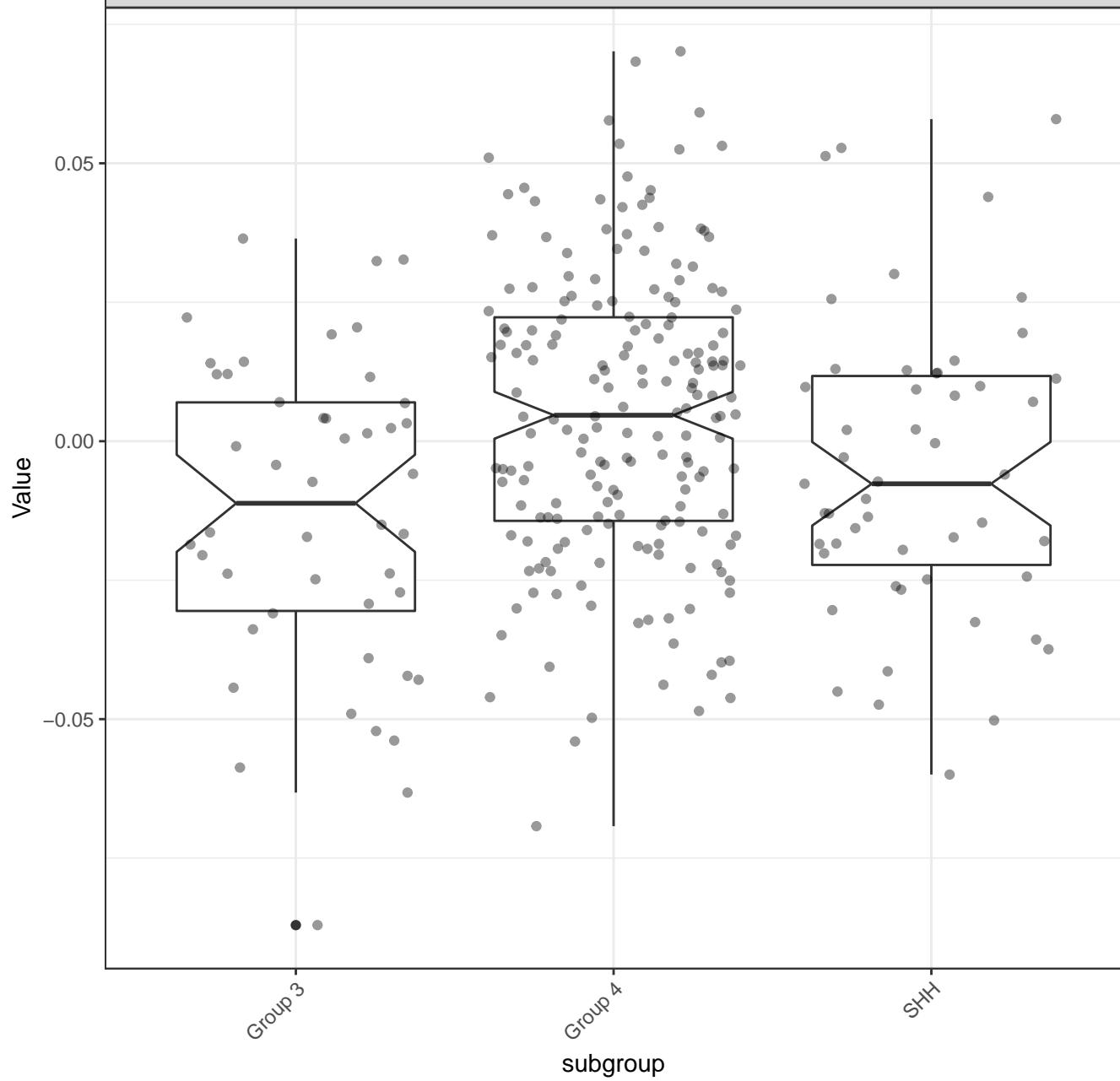
subgroup



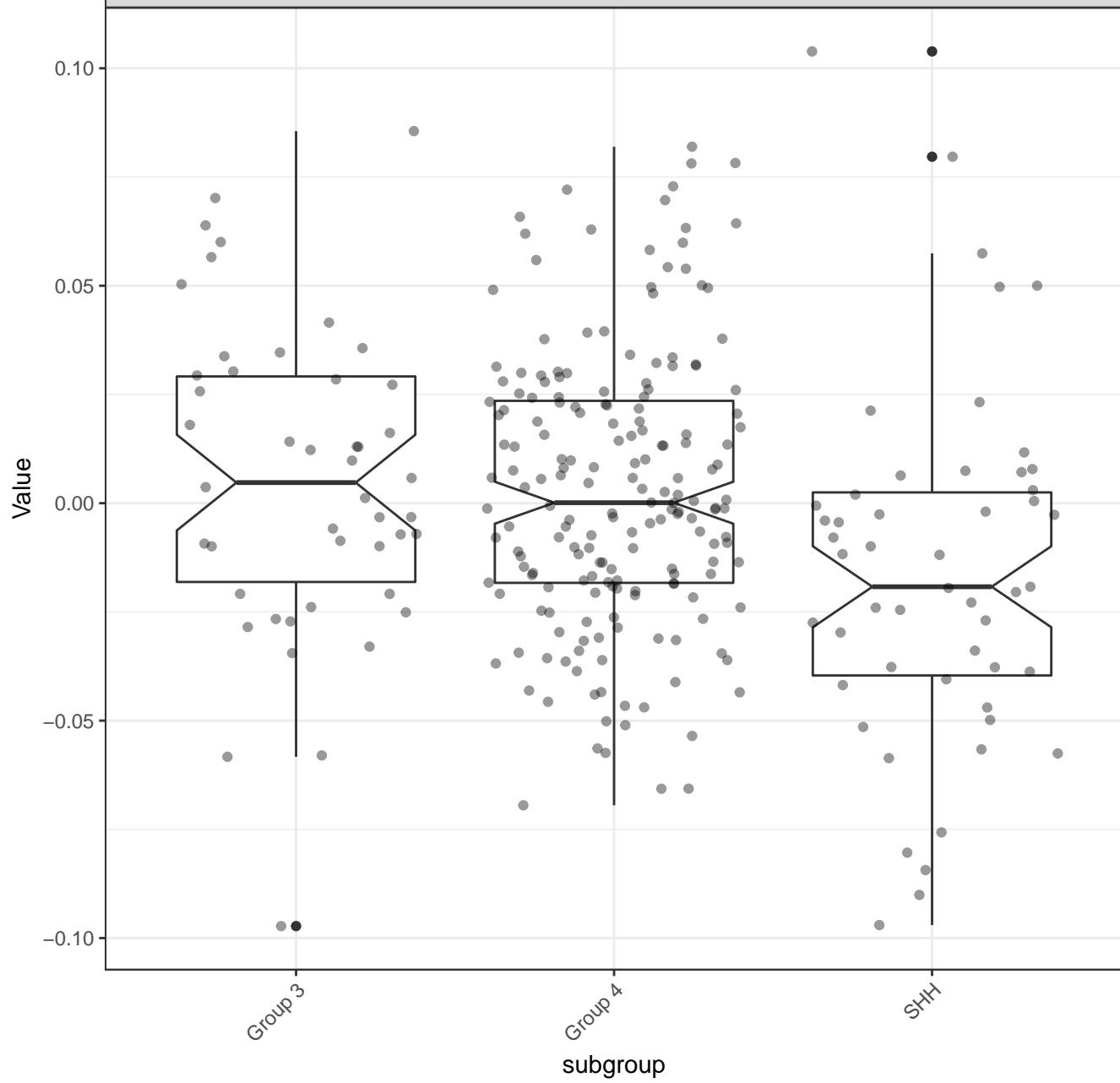
LV 681



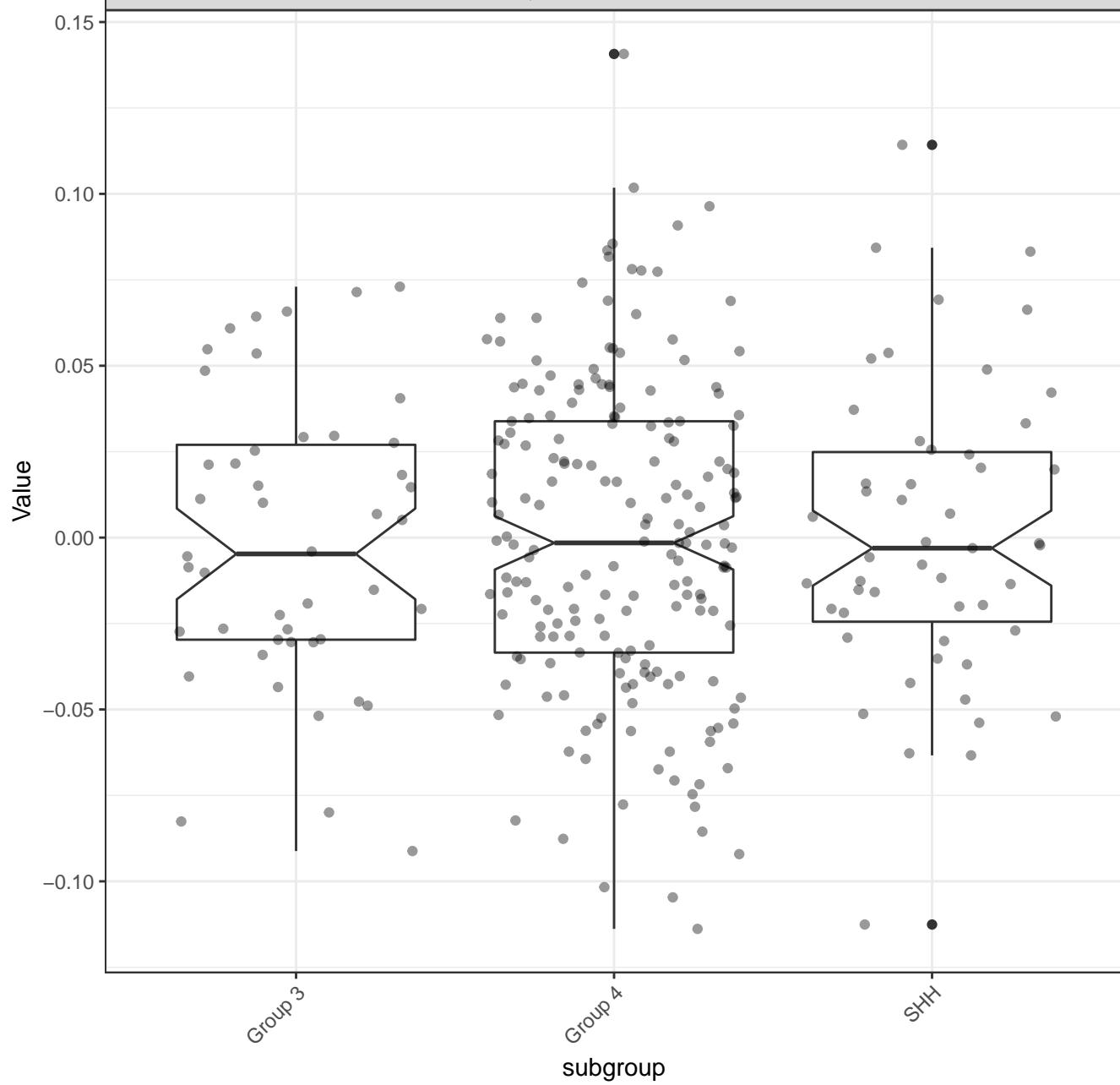
LV 682



LV 683

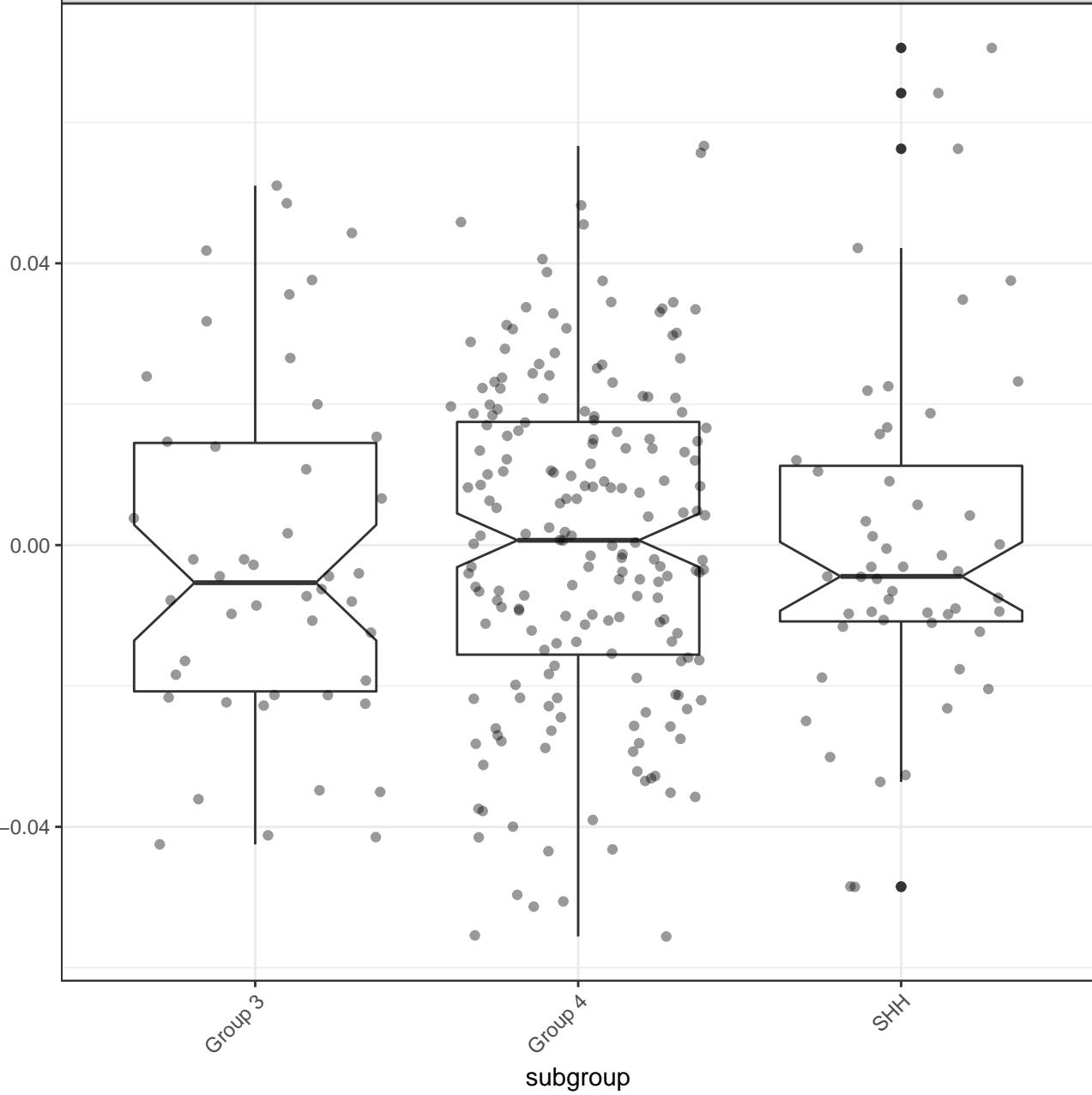


684,KEGG_CELL_CYCLE



LV 685

Value



LV 686

Value

0.10

0.05

0.00

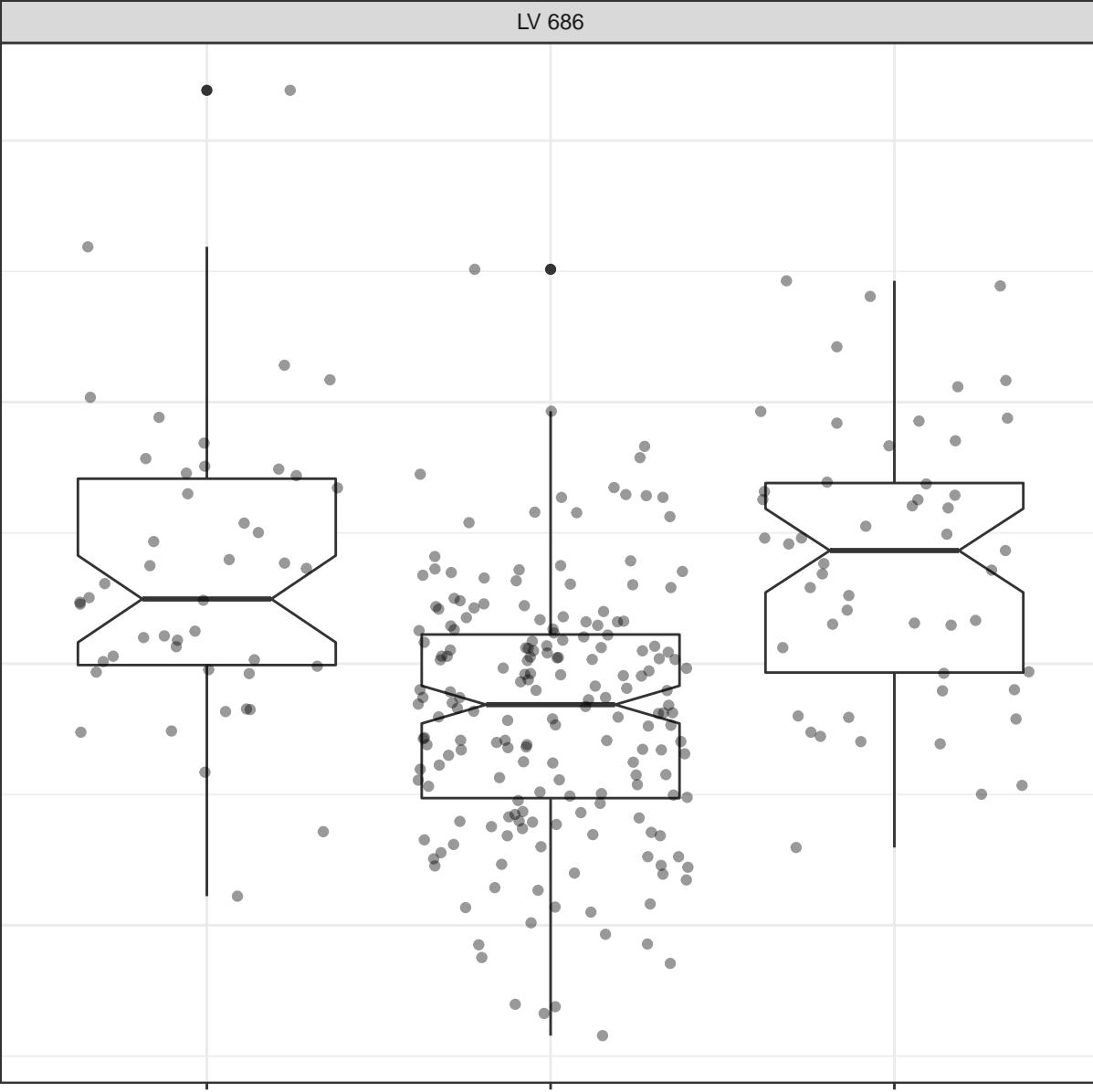
-0.05

Group 3

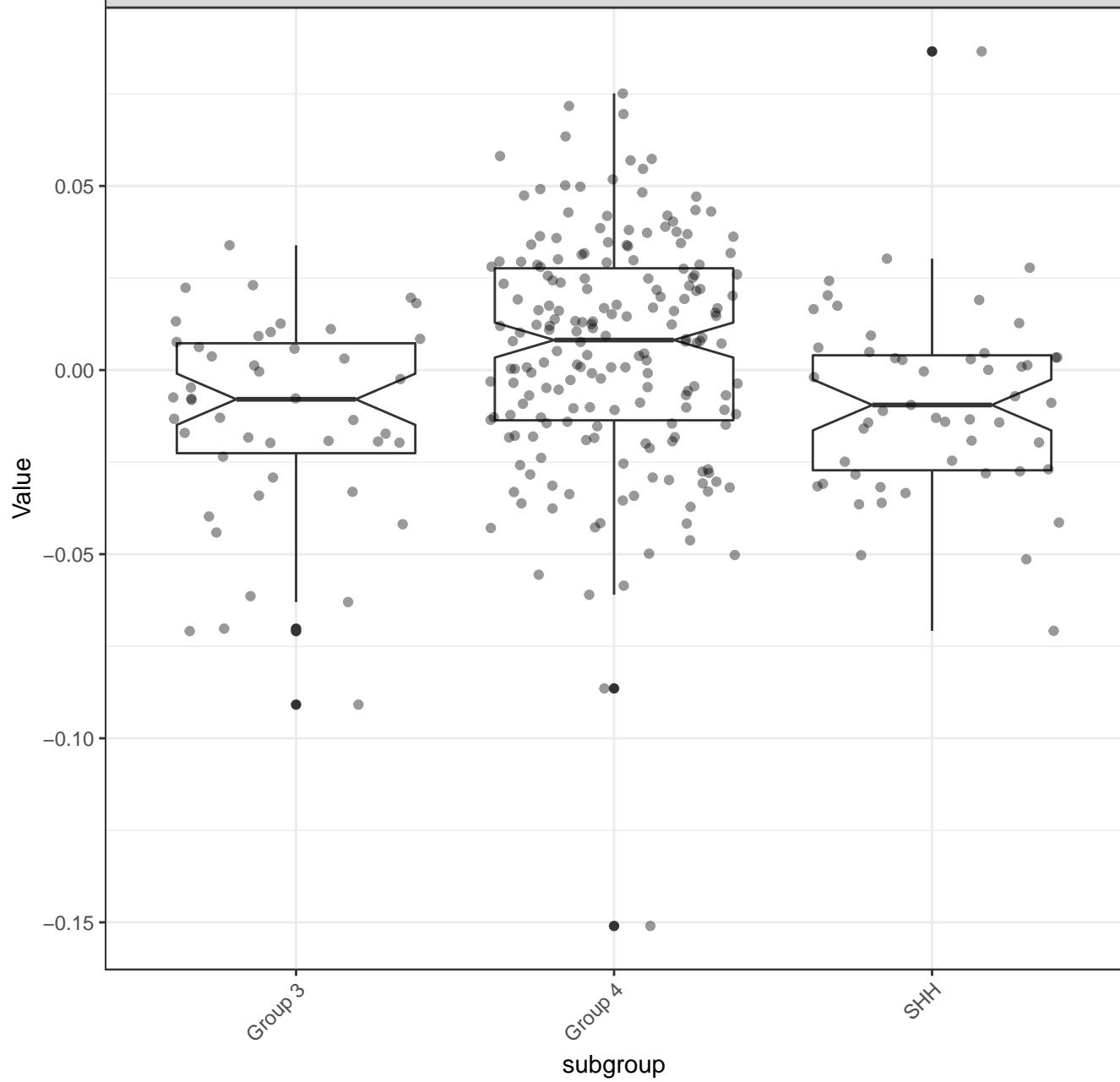
subgroup

Group 4

SHH



LV 687



LV 688

Value

0.10

0.05

0.00

-0.05

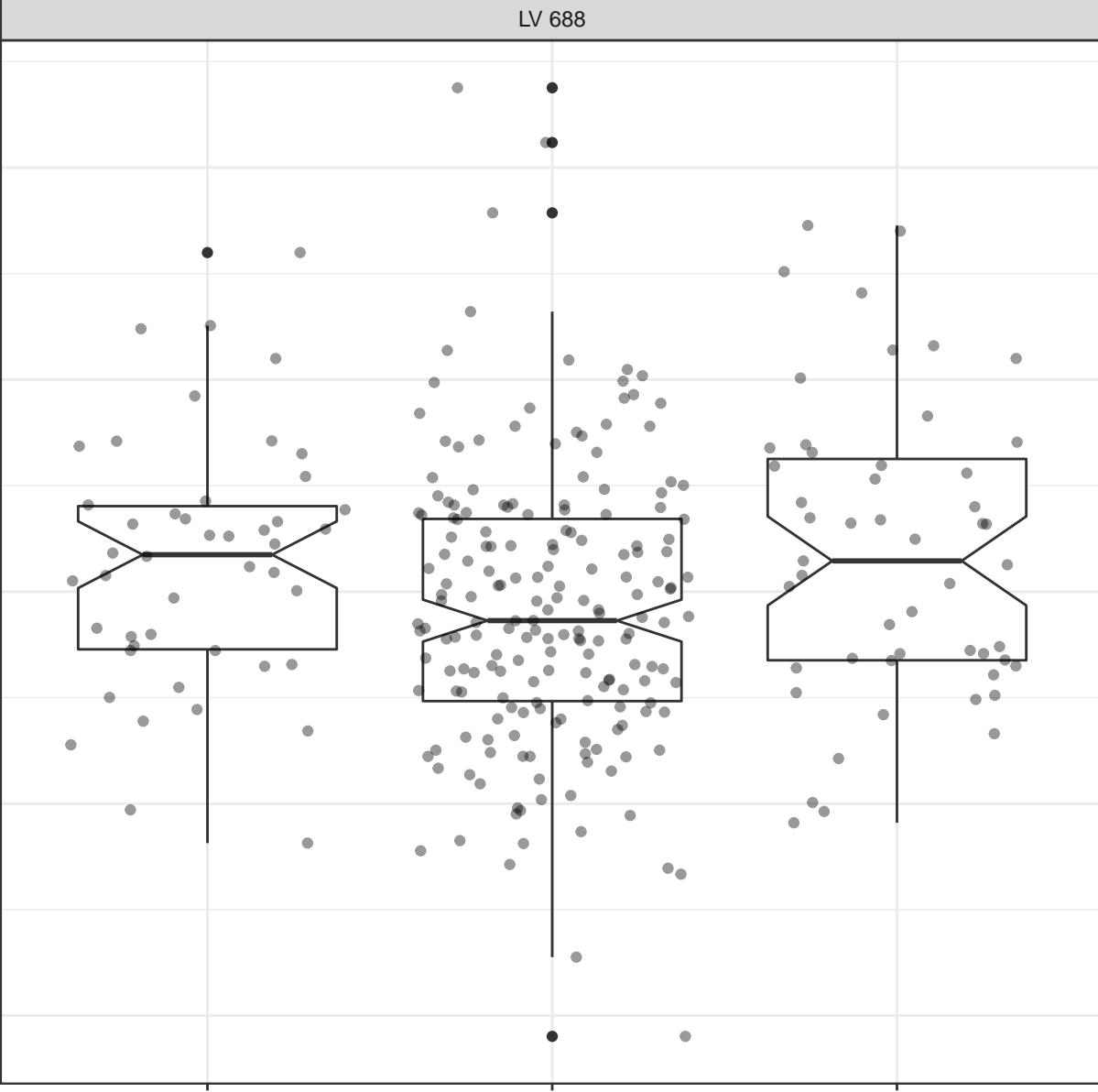
-0.10

Group 3

subgroup

Group 4

SHH



LV 689

Value

0.10

0.05

0.00

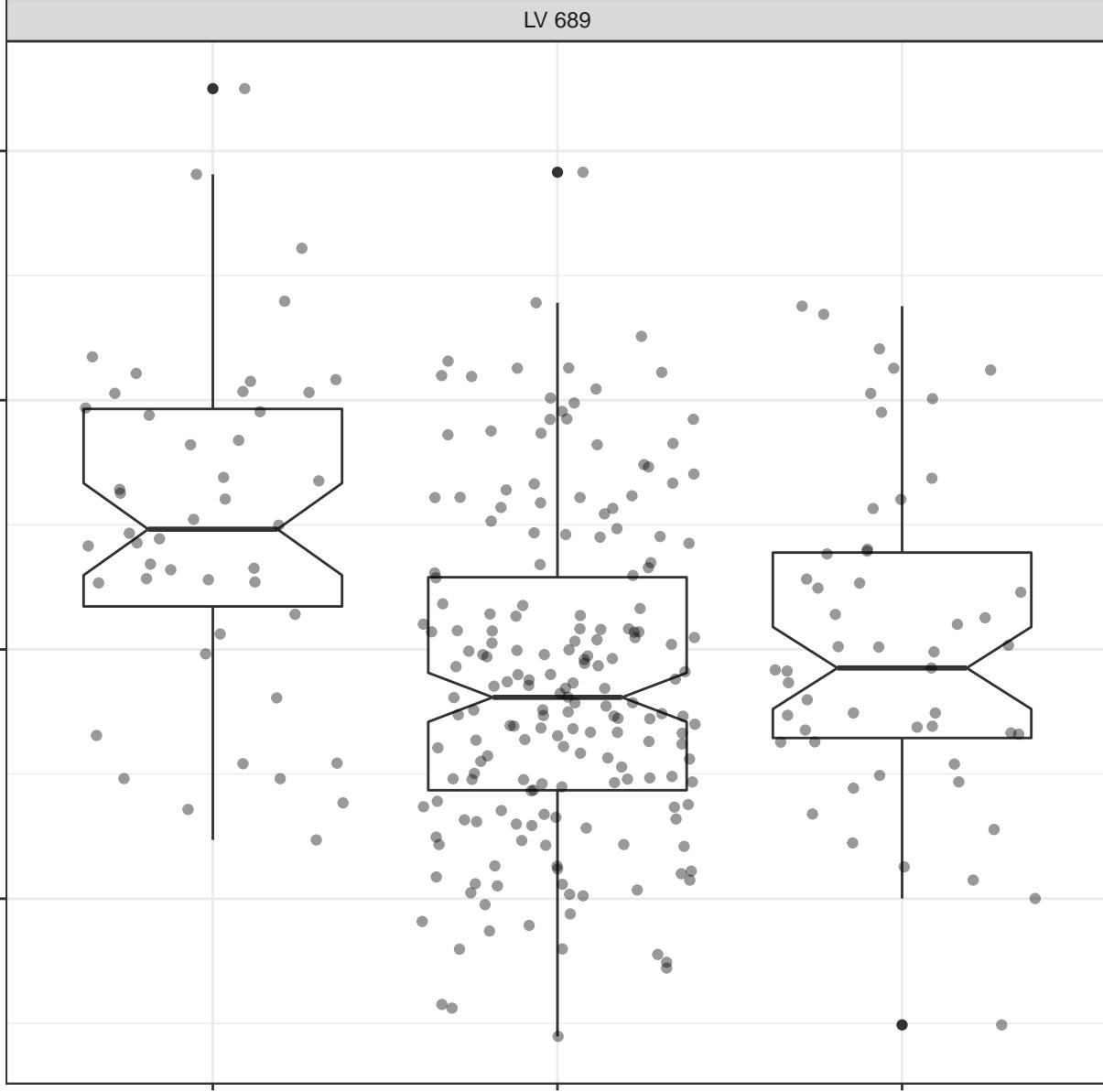
-0.05

Group 3

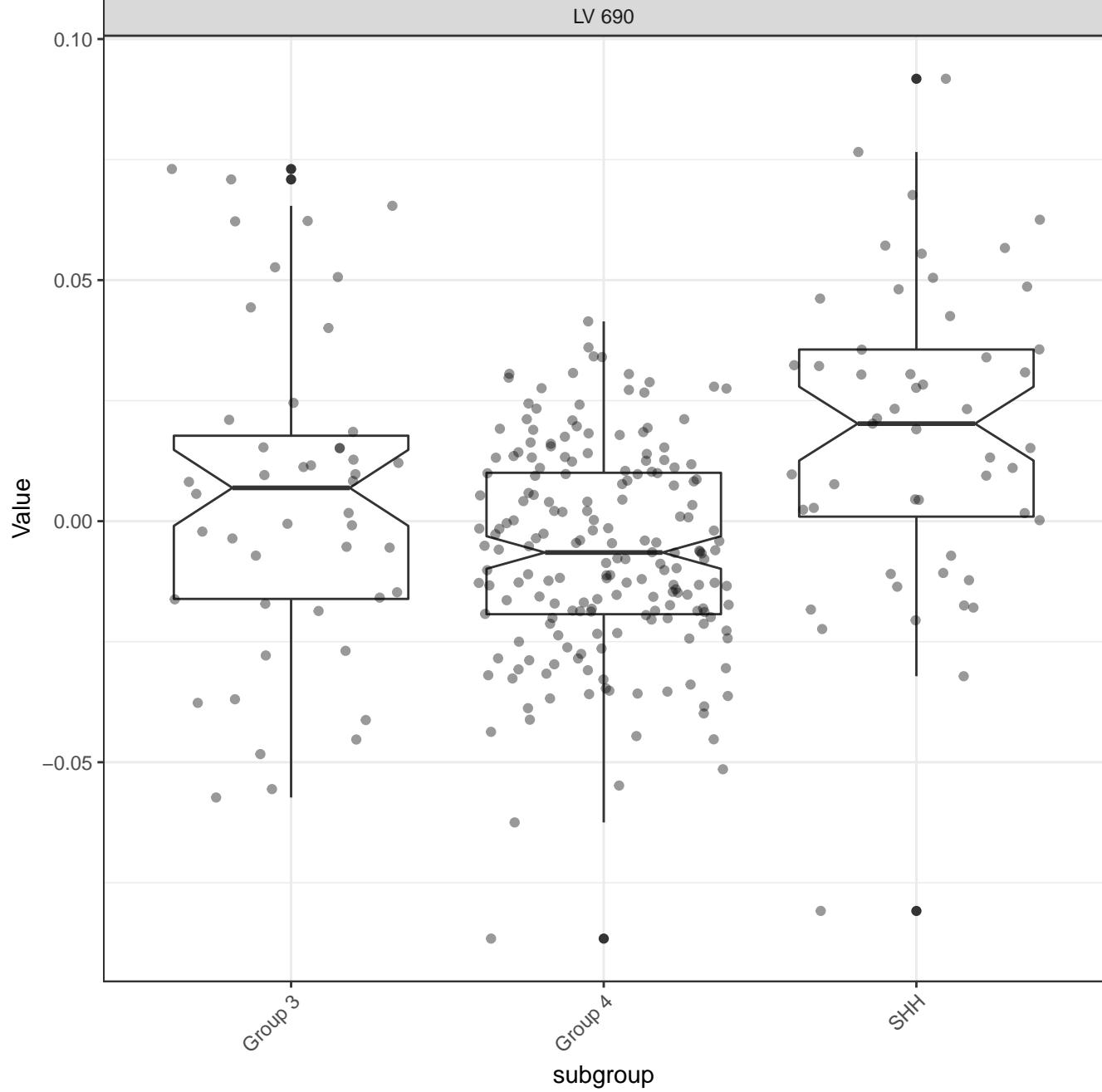
subgroup

Group 4

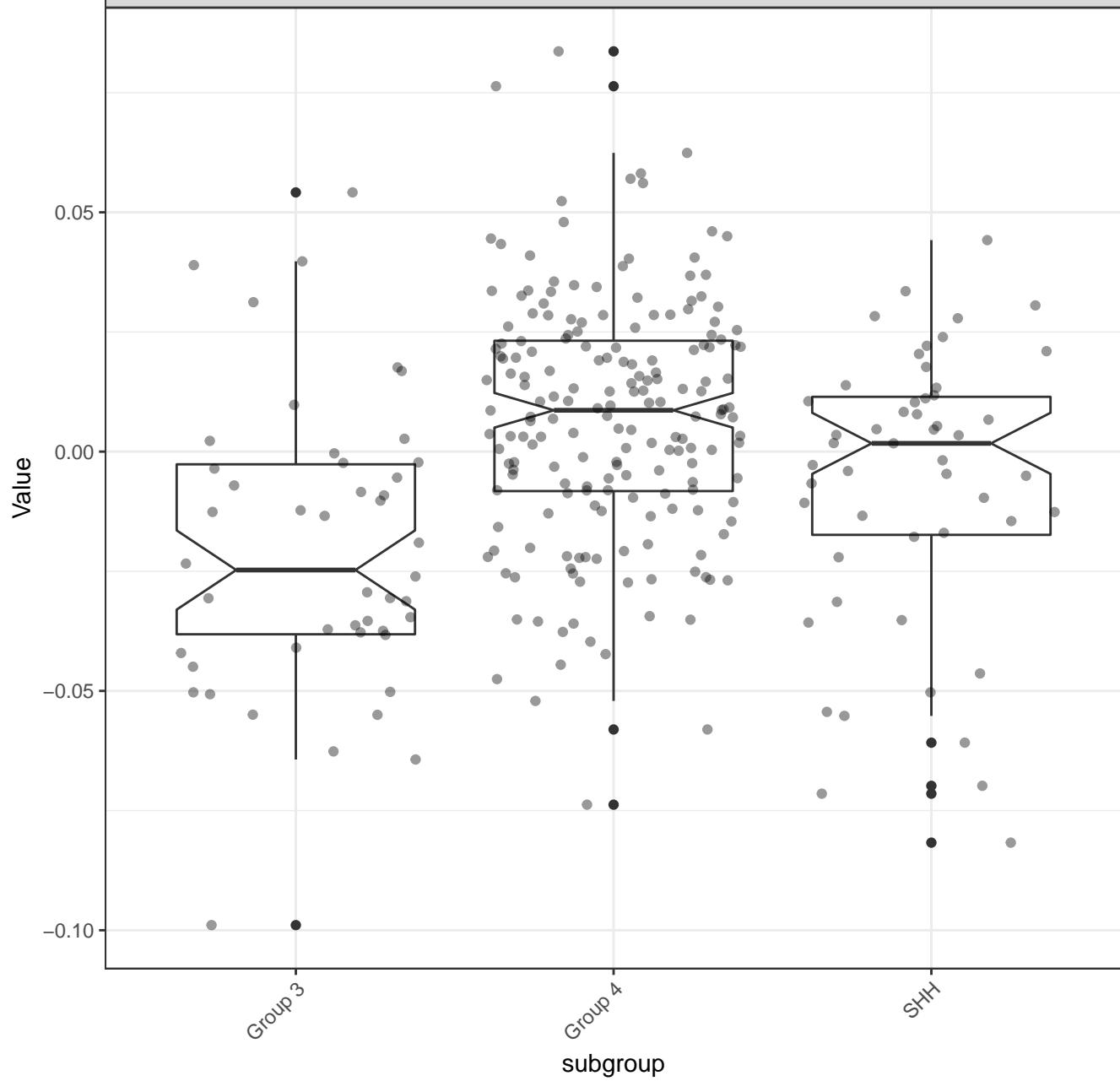
SHH



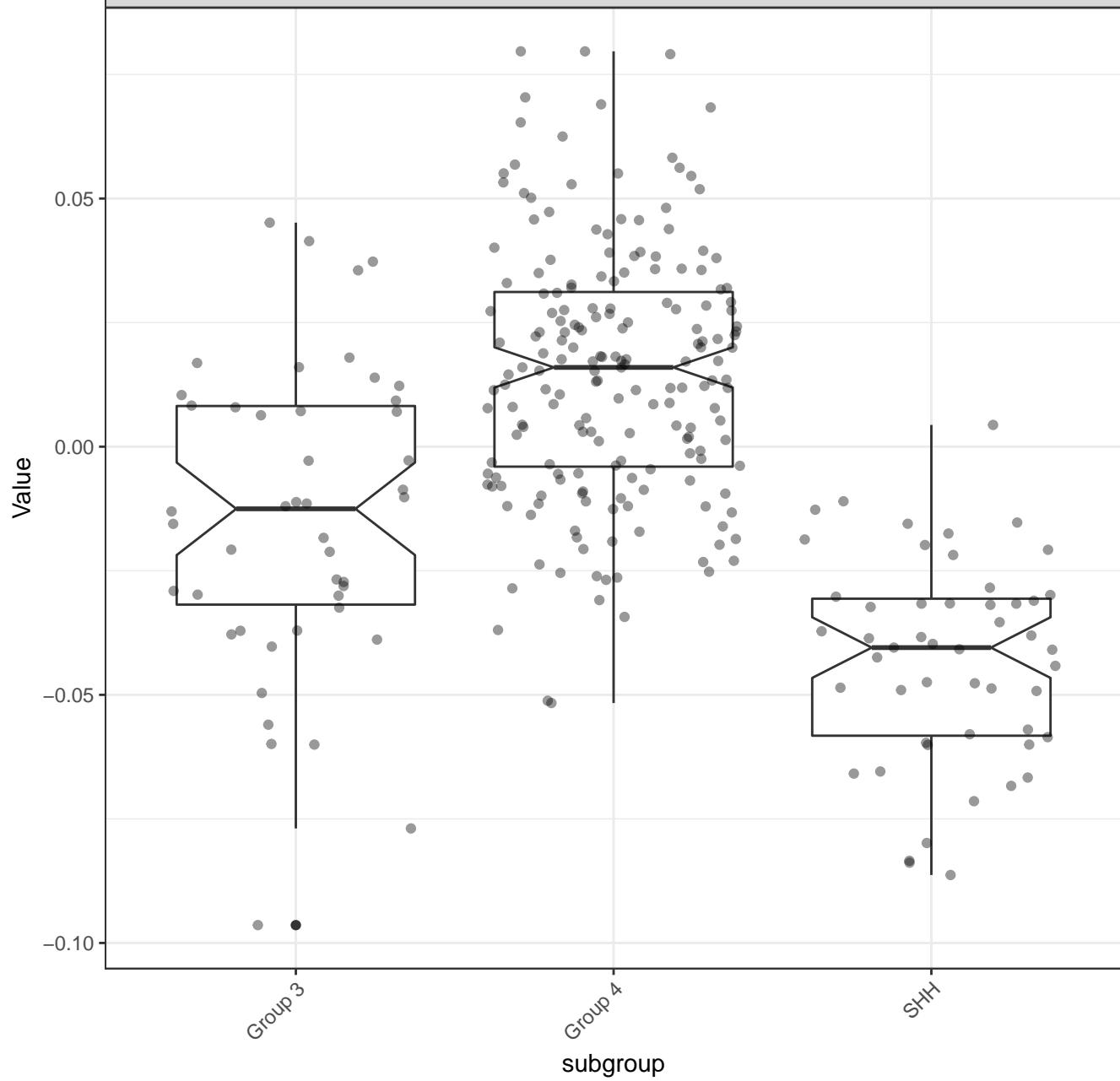
LV 690



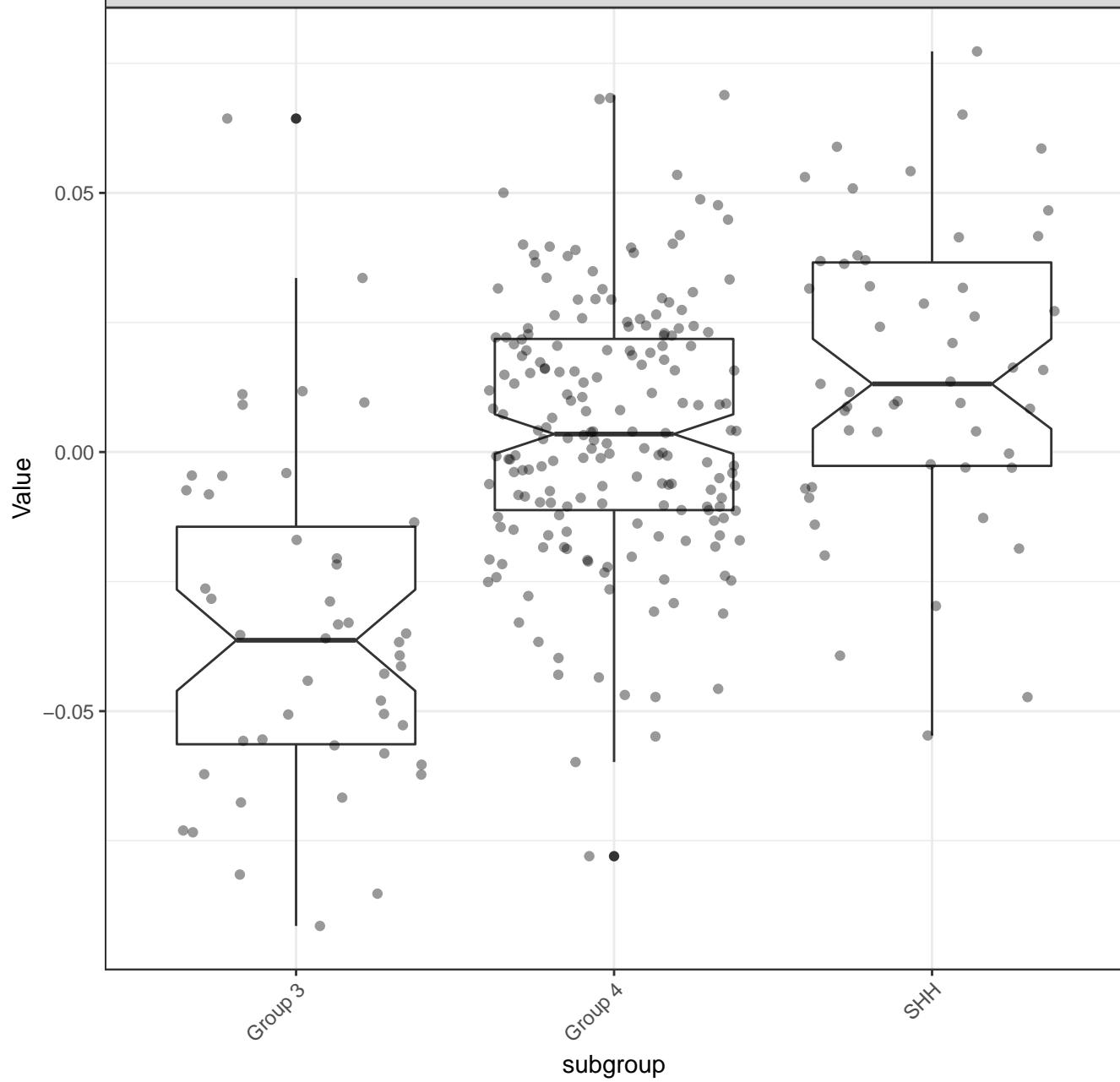
LV 691



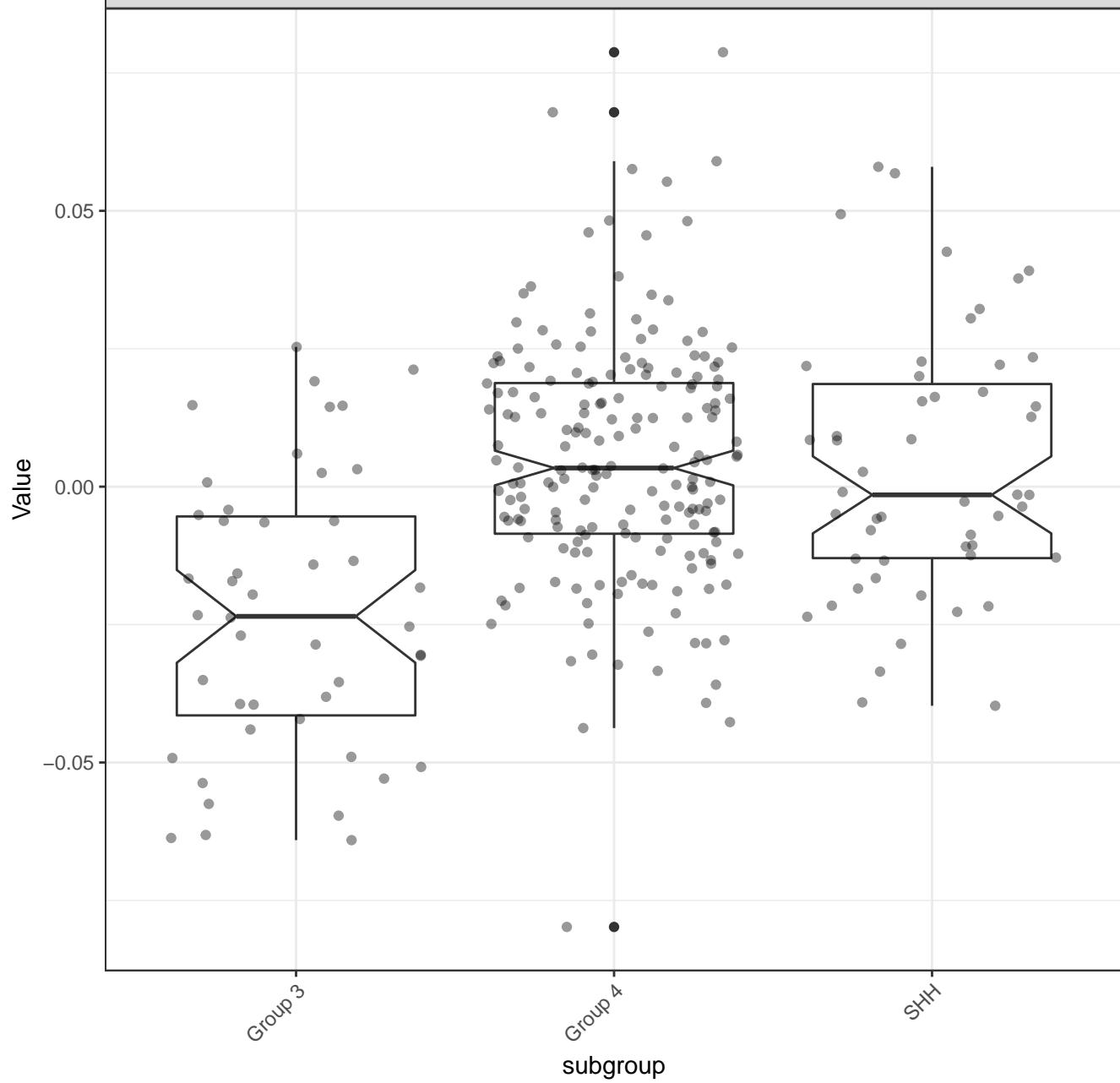
LV 692

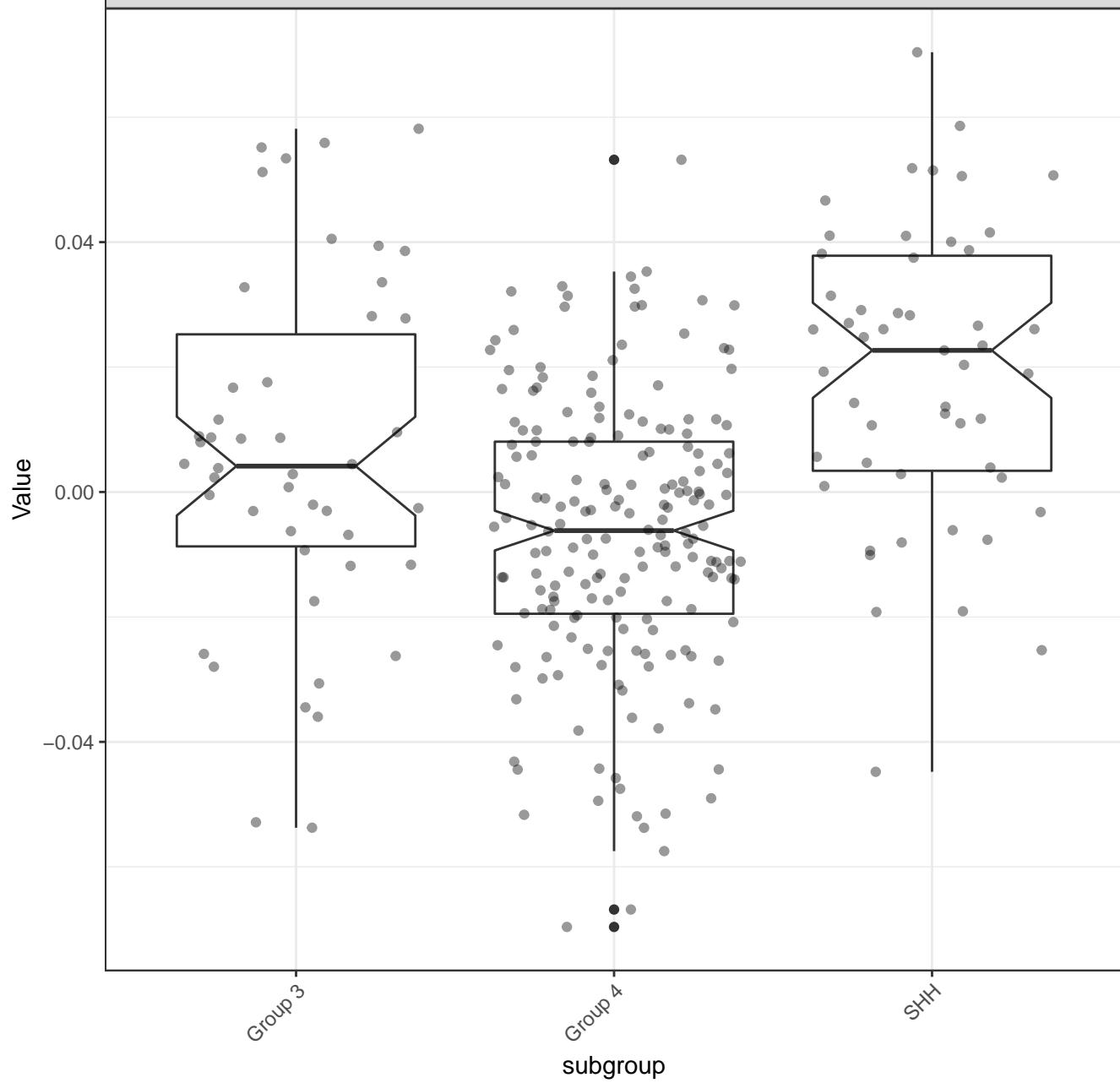


LV 693

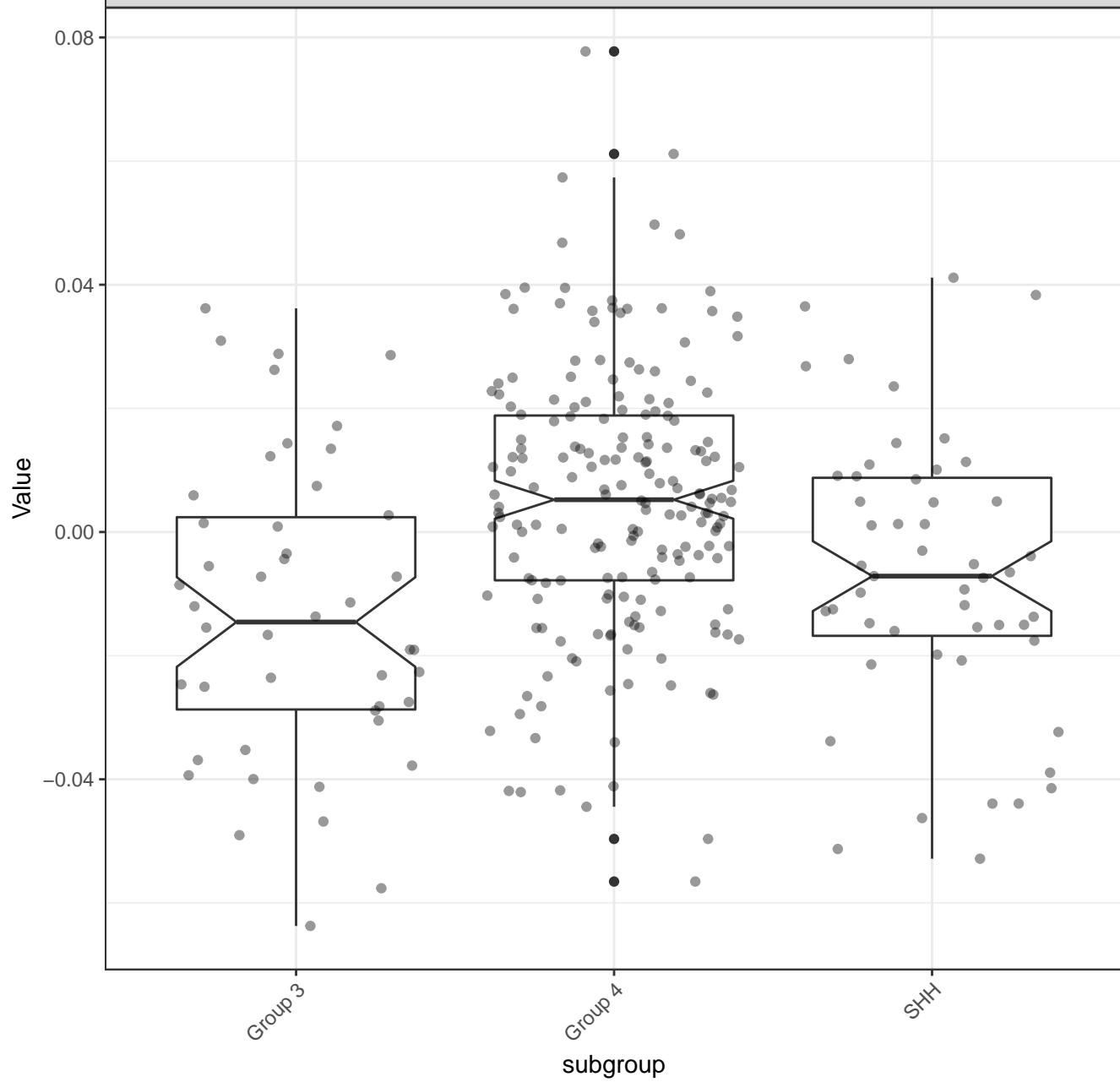


LV 694





LV 696



LV 697

Value

0.2

0.1

0.0

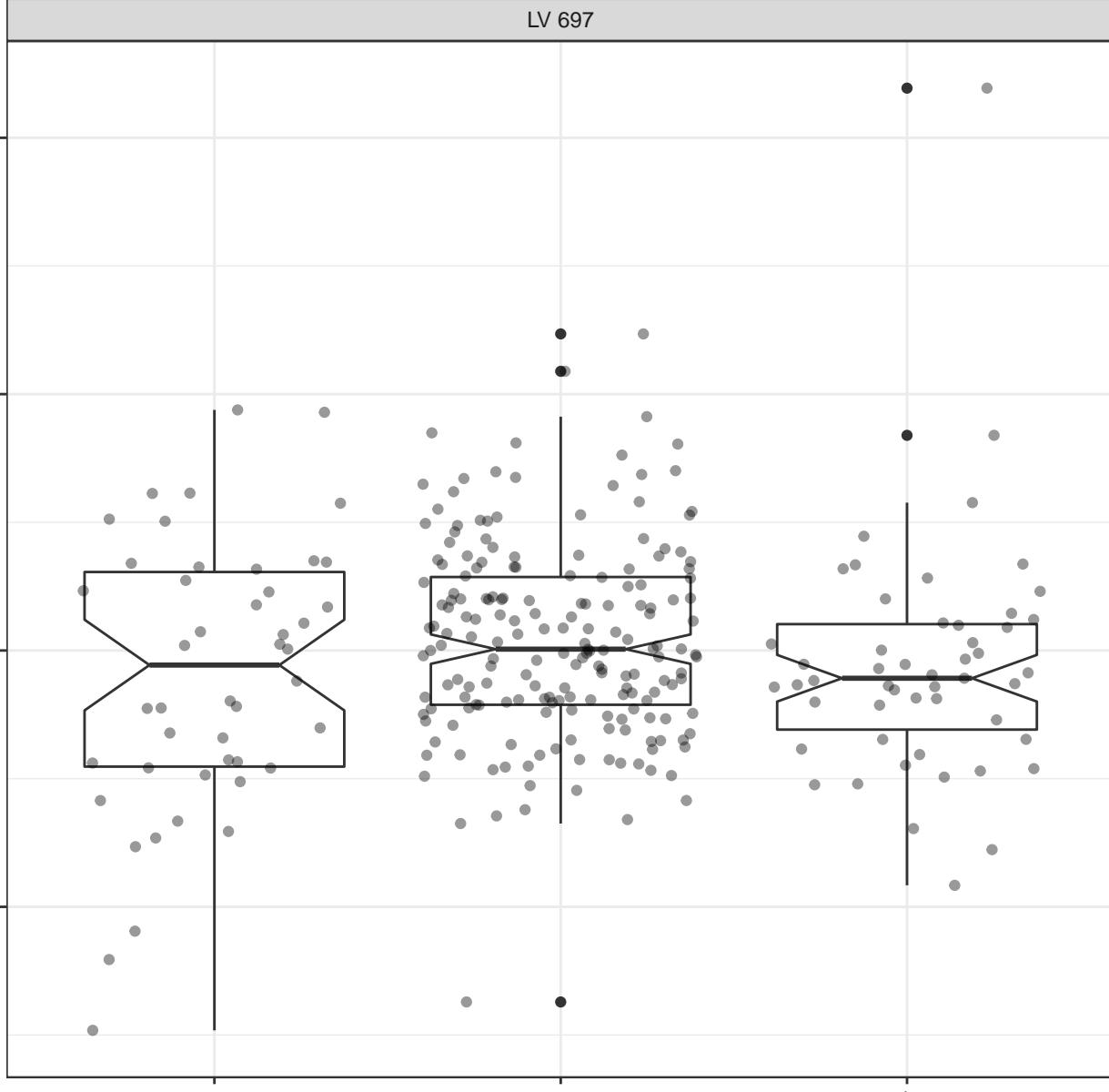
-0.1

Group 3

Group 4

SHH

subgroup



LV 698

Value

0.10

0.05

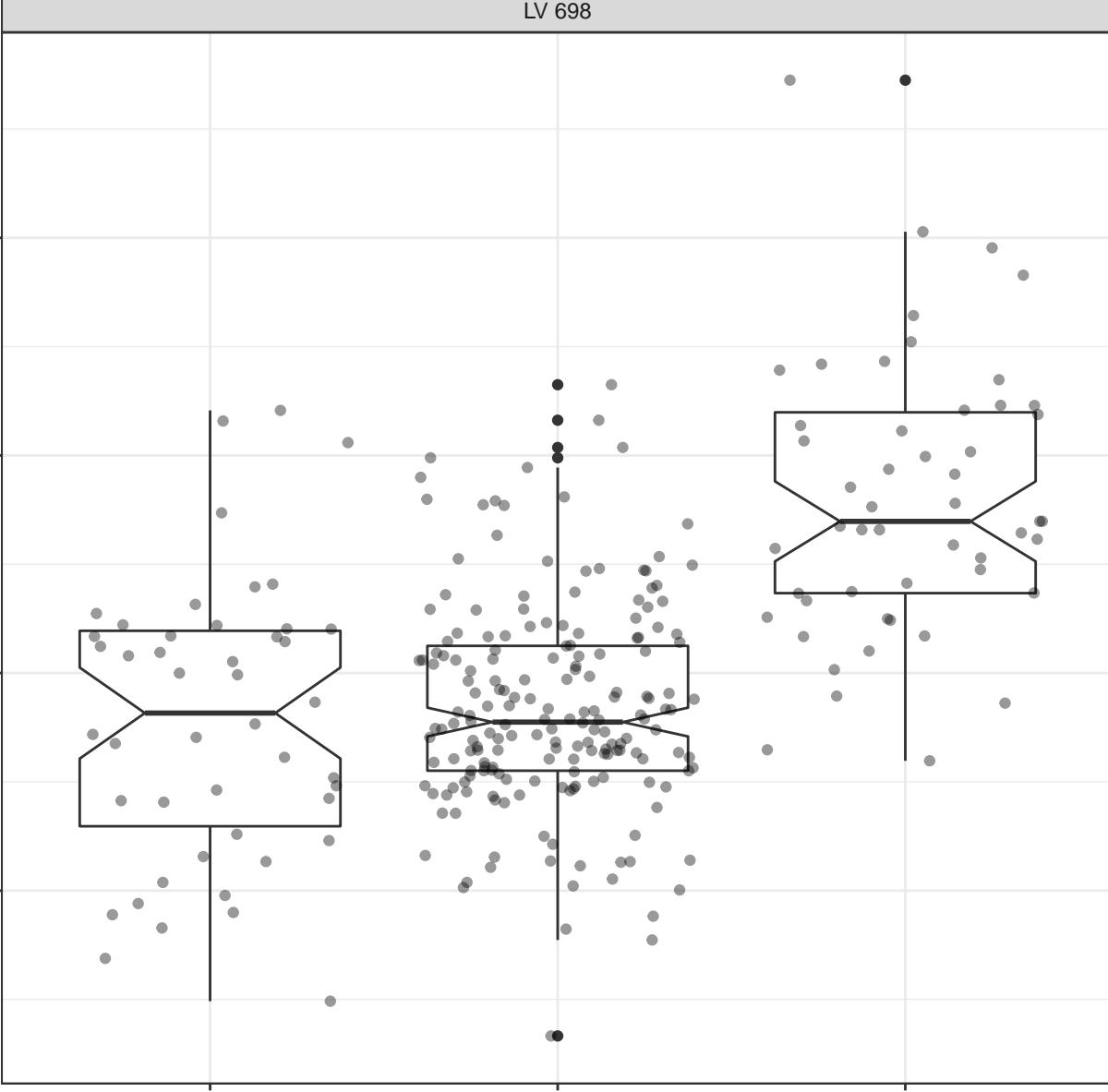
0.00

-0.05

Group 3

subgroup

SHH



LV 699

Value

0.05

0.00

-0.05

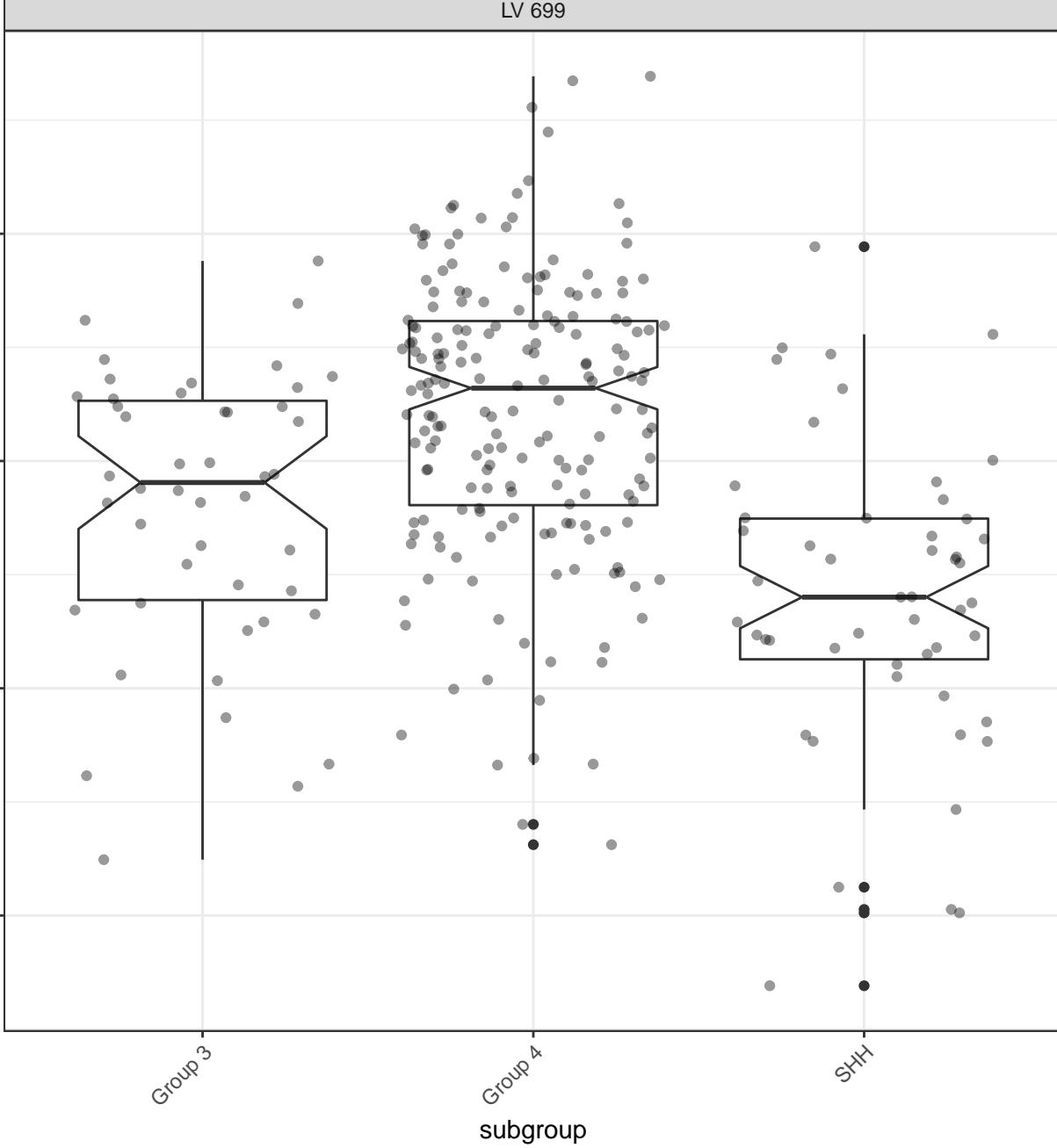
-0.10

Group 3

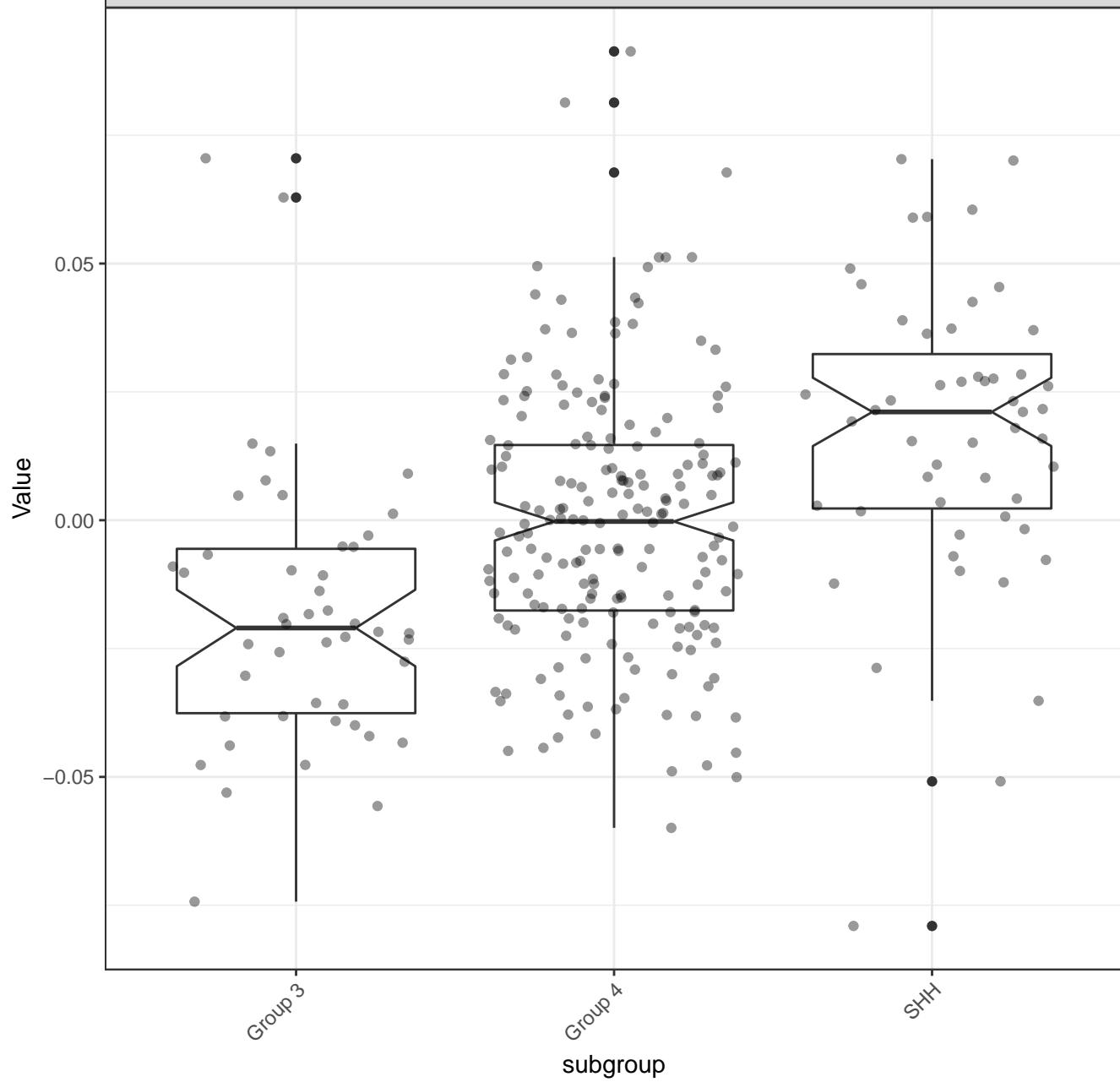
Group 4

SHH

subgroup



LV 700



Value

0.05

0.00

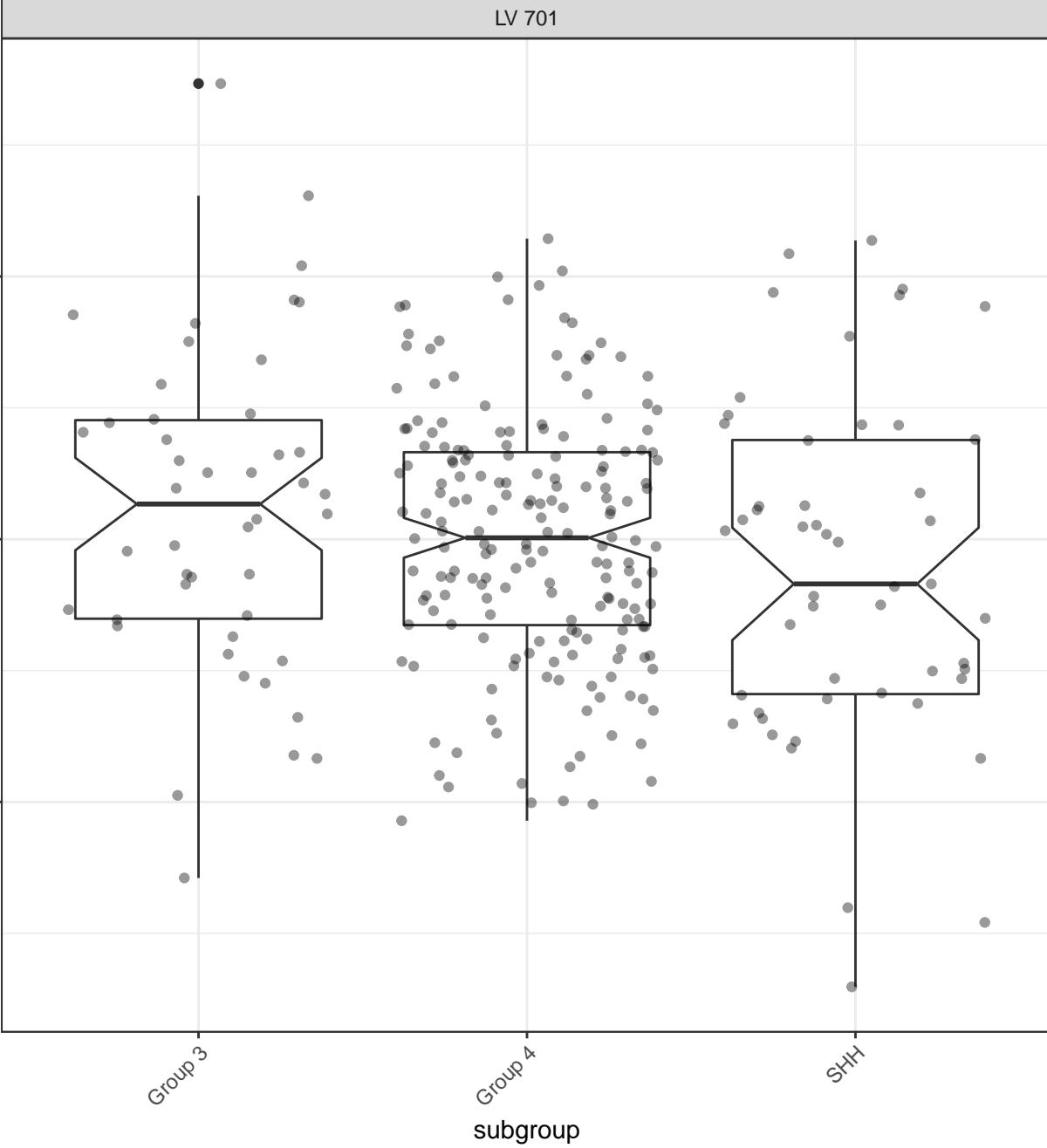
-0.05

Group 3

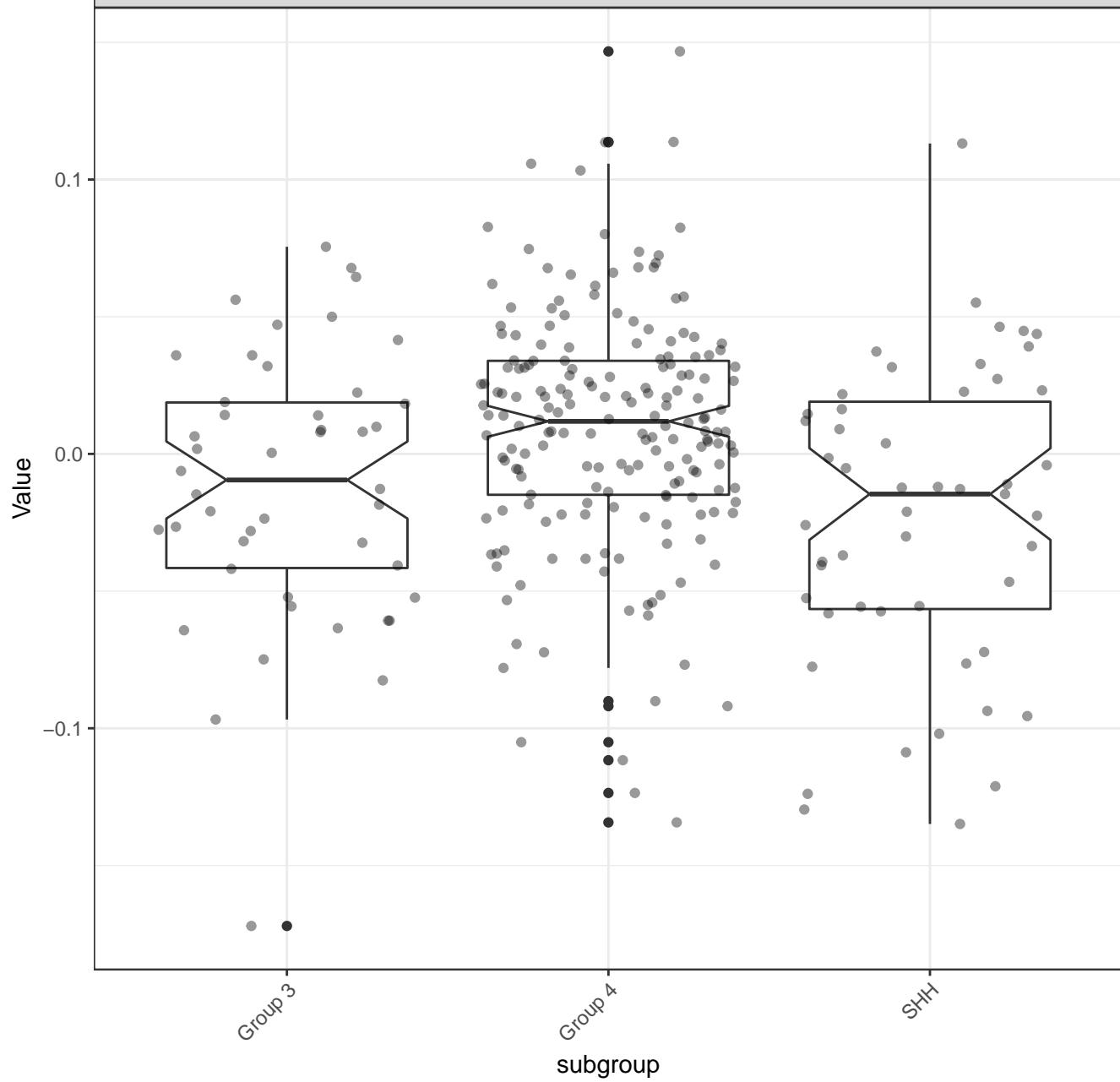
Group 4

SHH

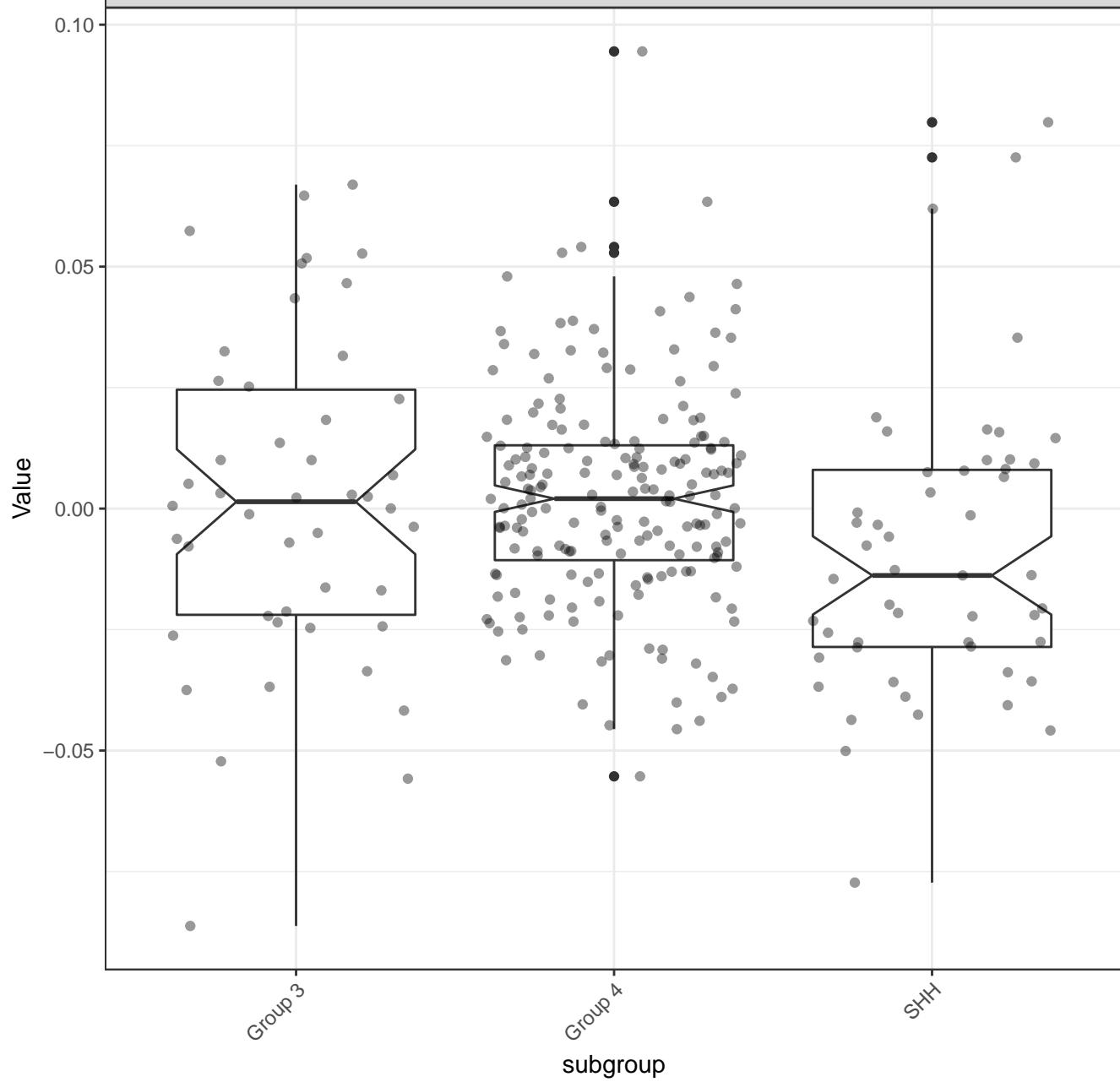
subgroup



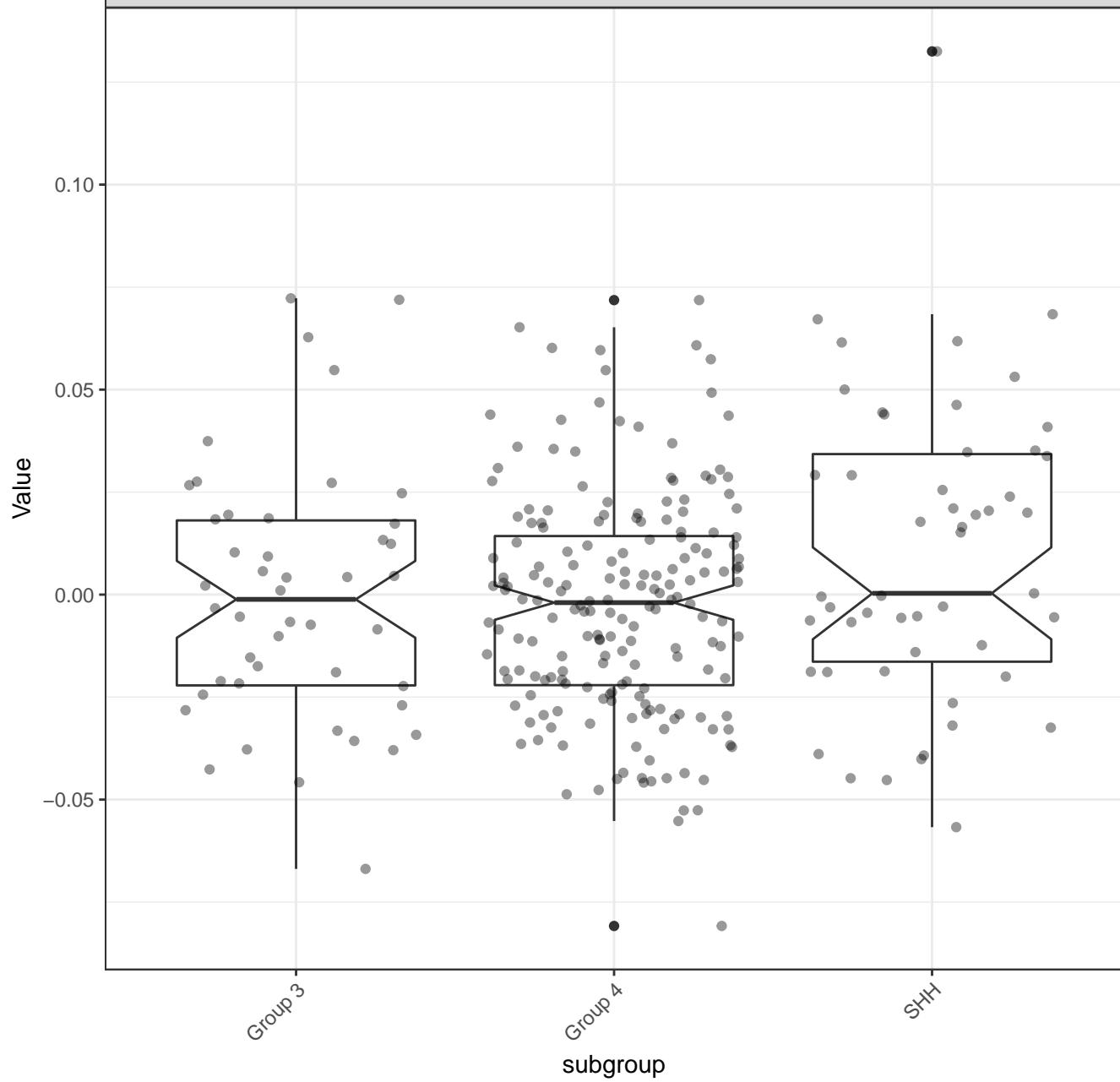
LV 702



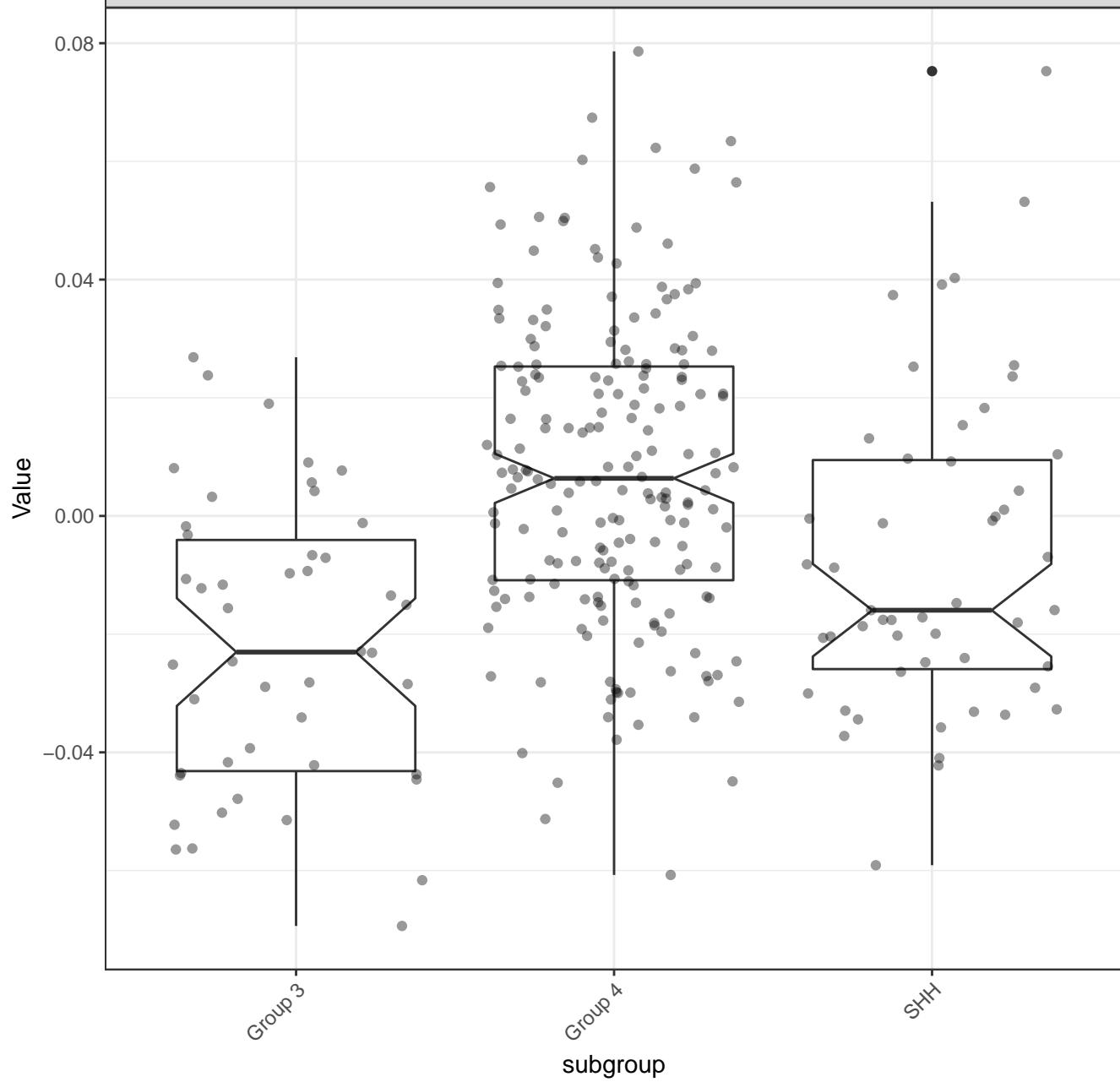
LV 703



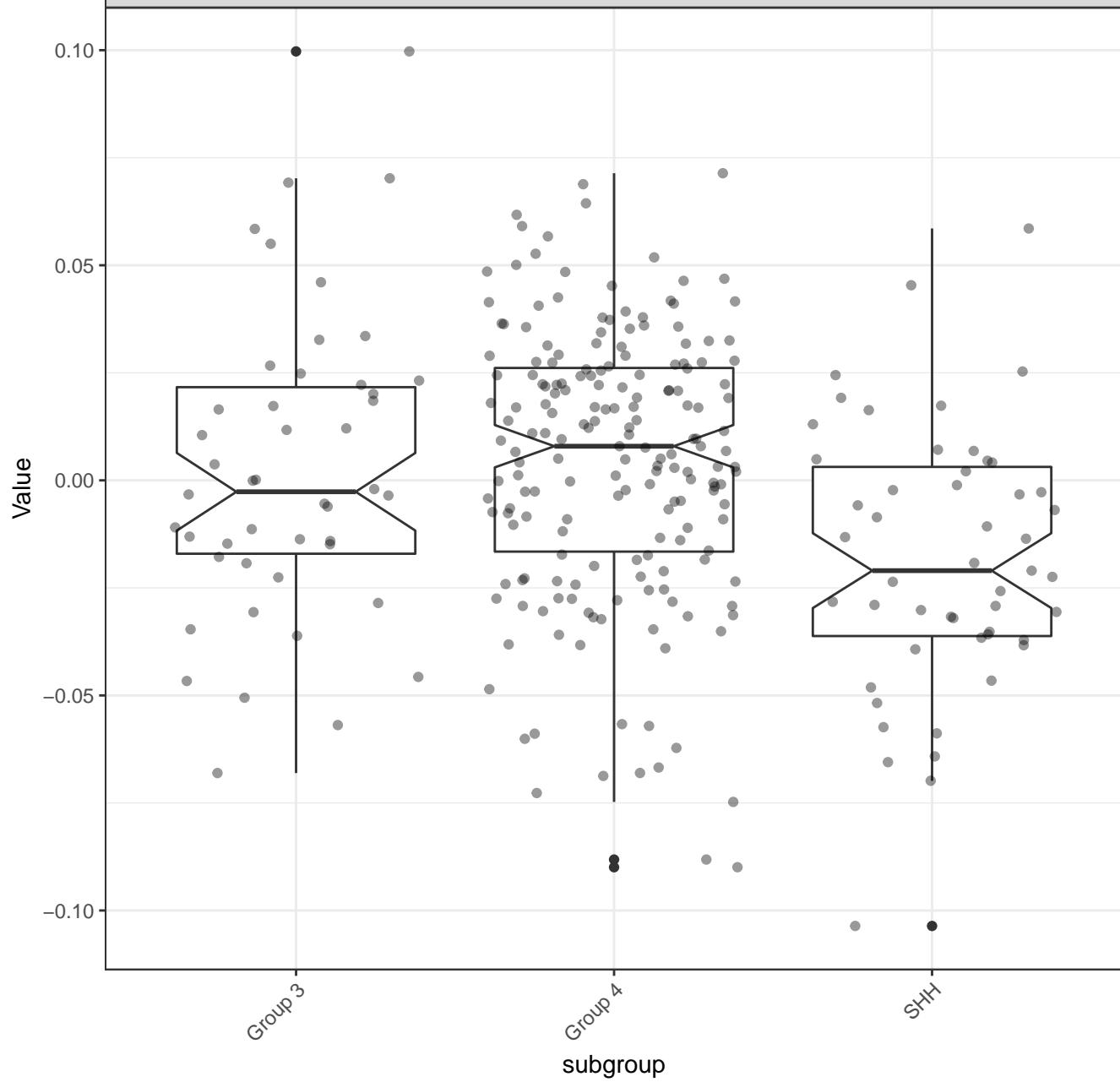
LV 704



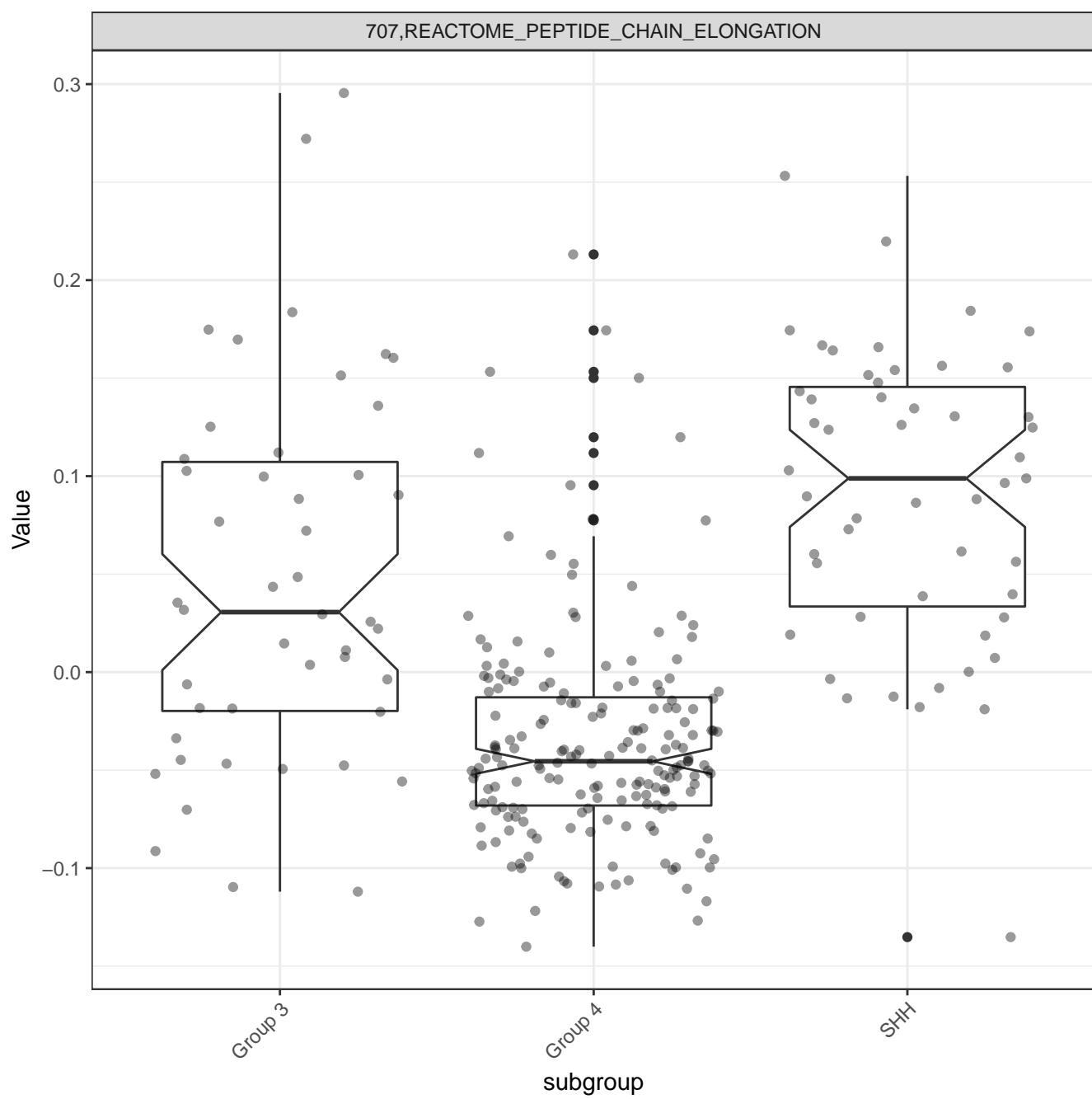
705,SVM NK cells activated



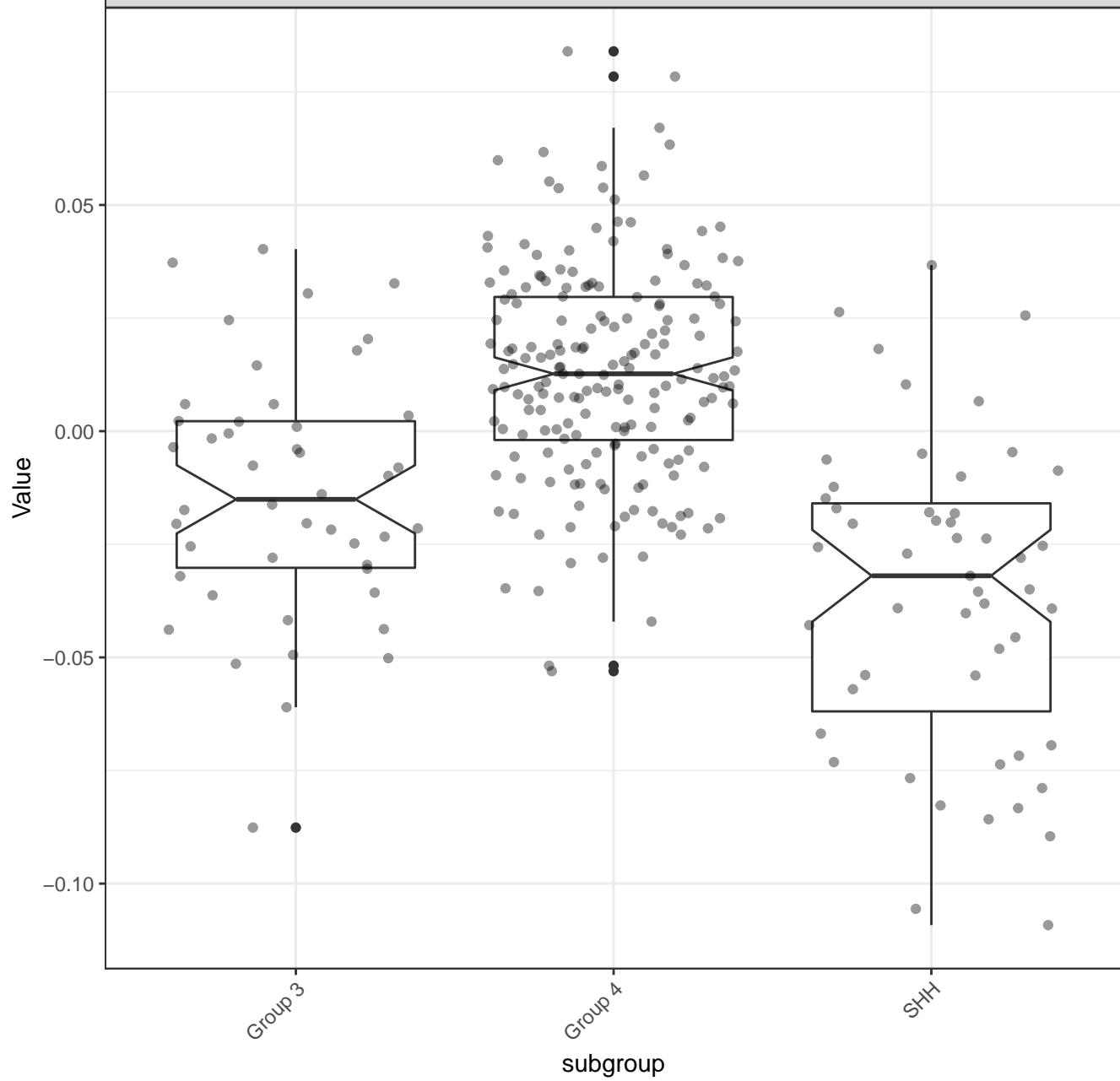
LV 706



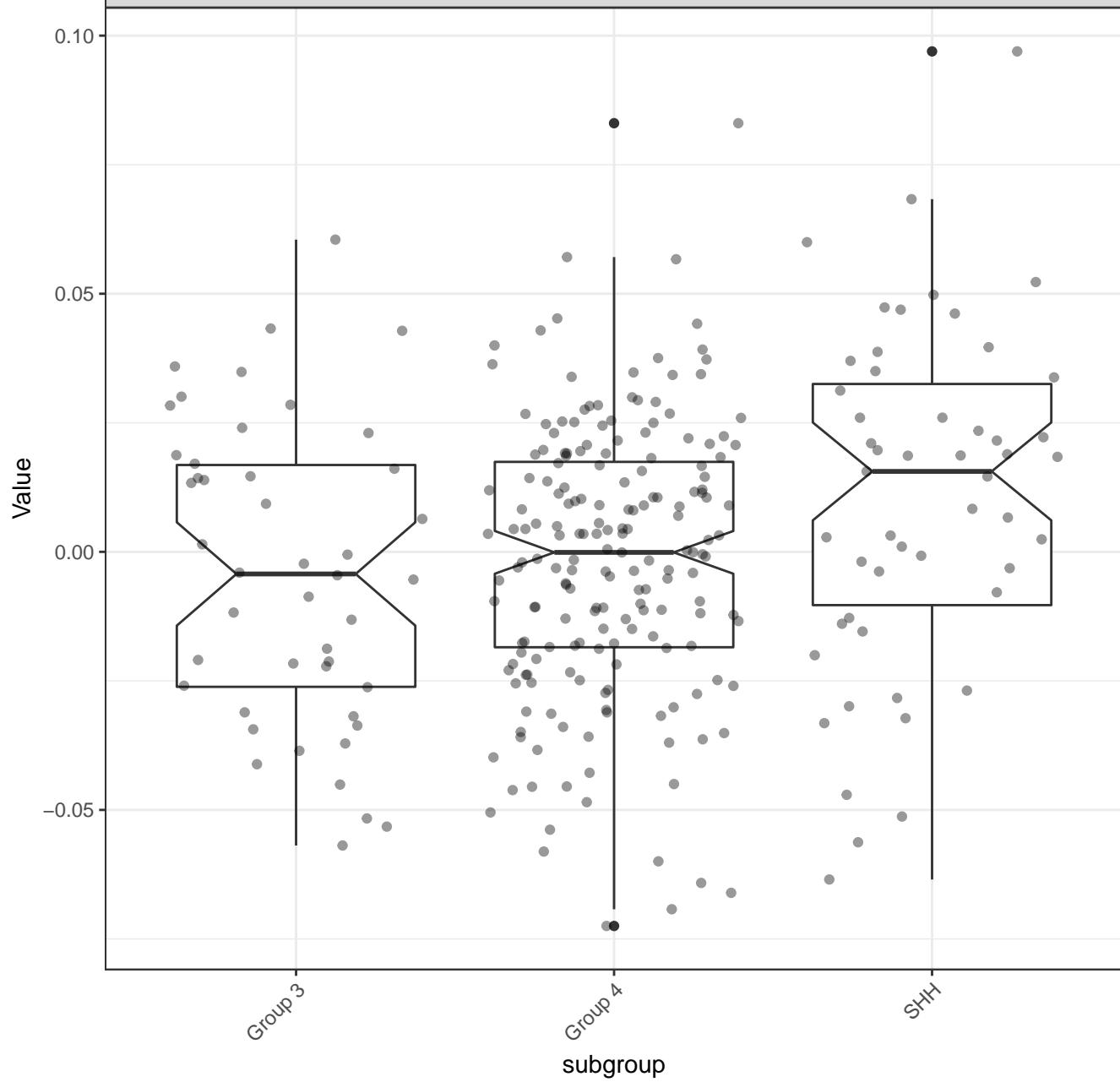
707,REACTOME_PEPTIDE_CHAIN_ELONGATION



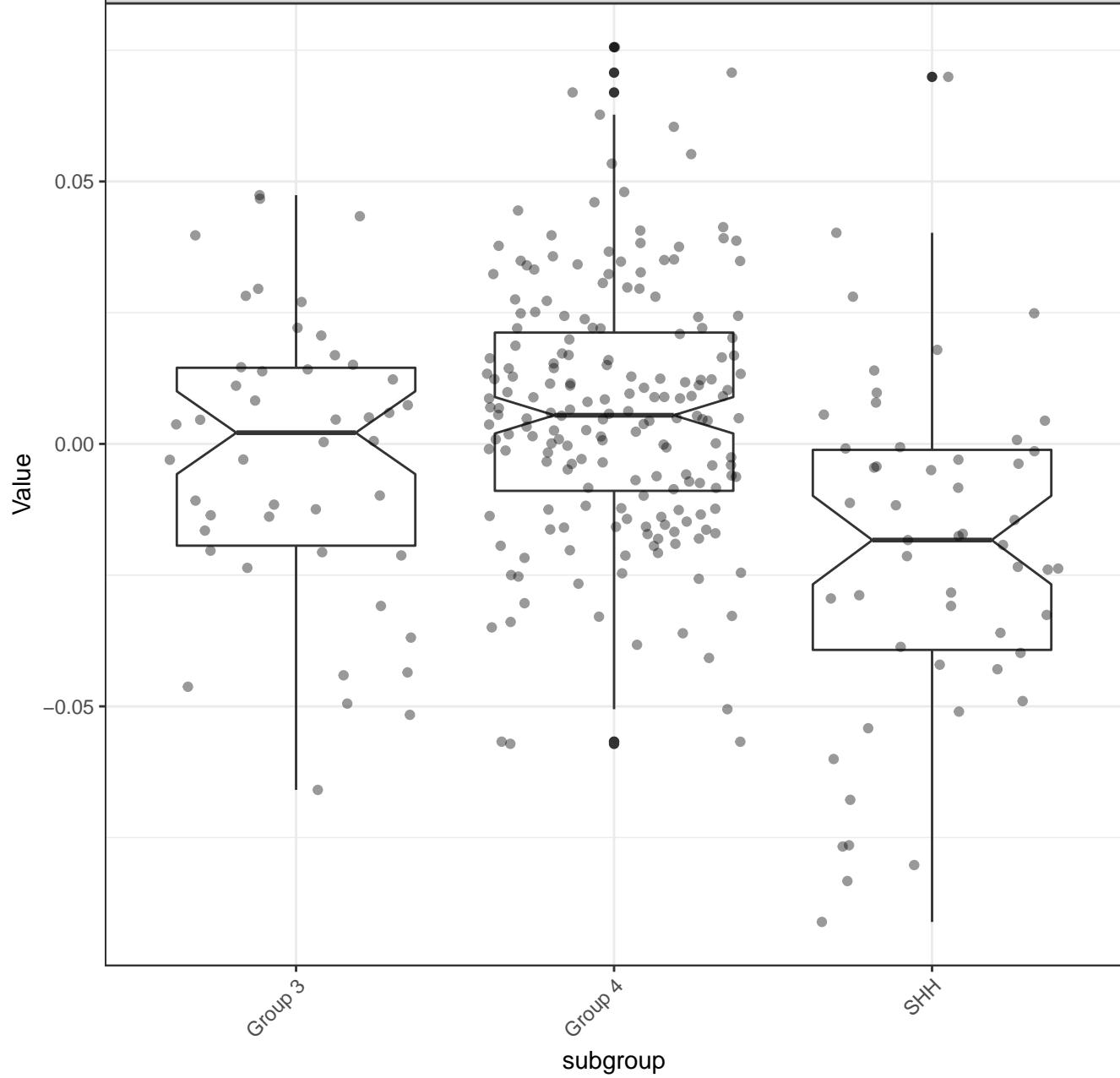
LV 708

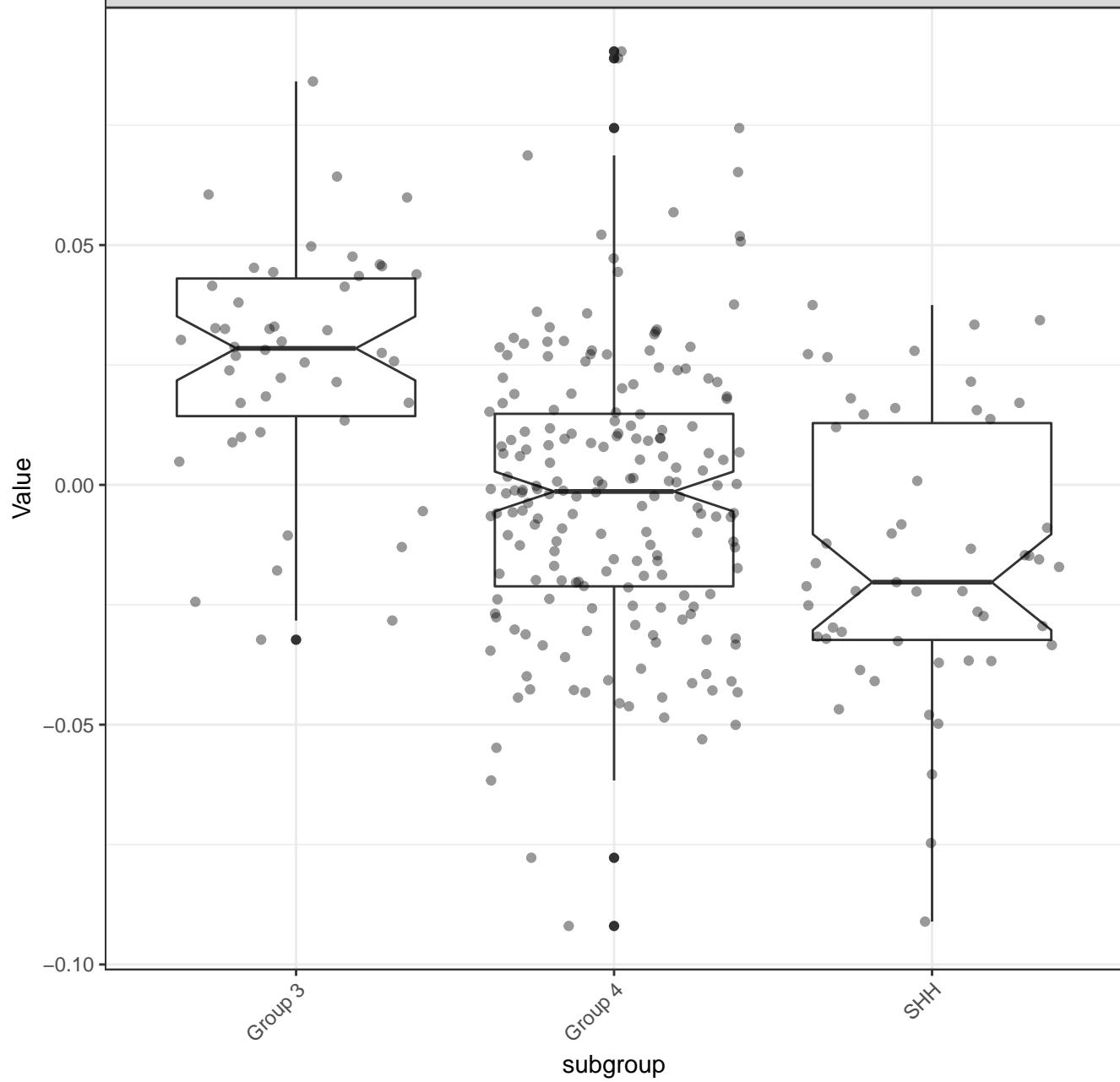


LV 709



LV 710





LV 712

Value

0.05

0.00

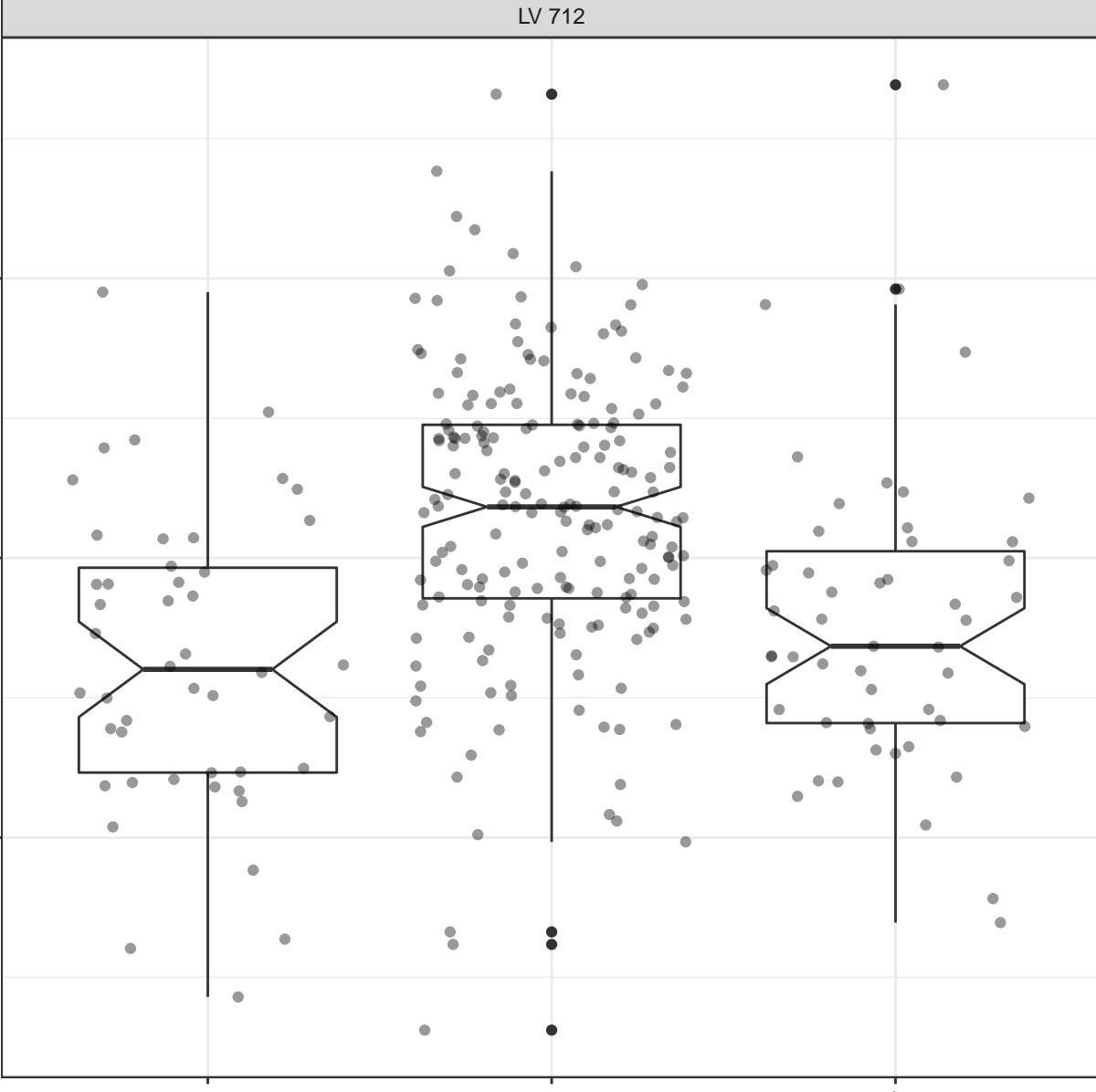
-0.05

Group 3

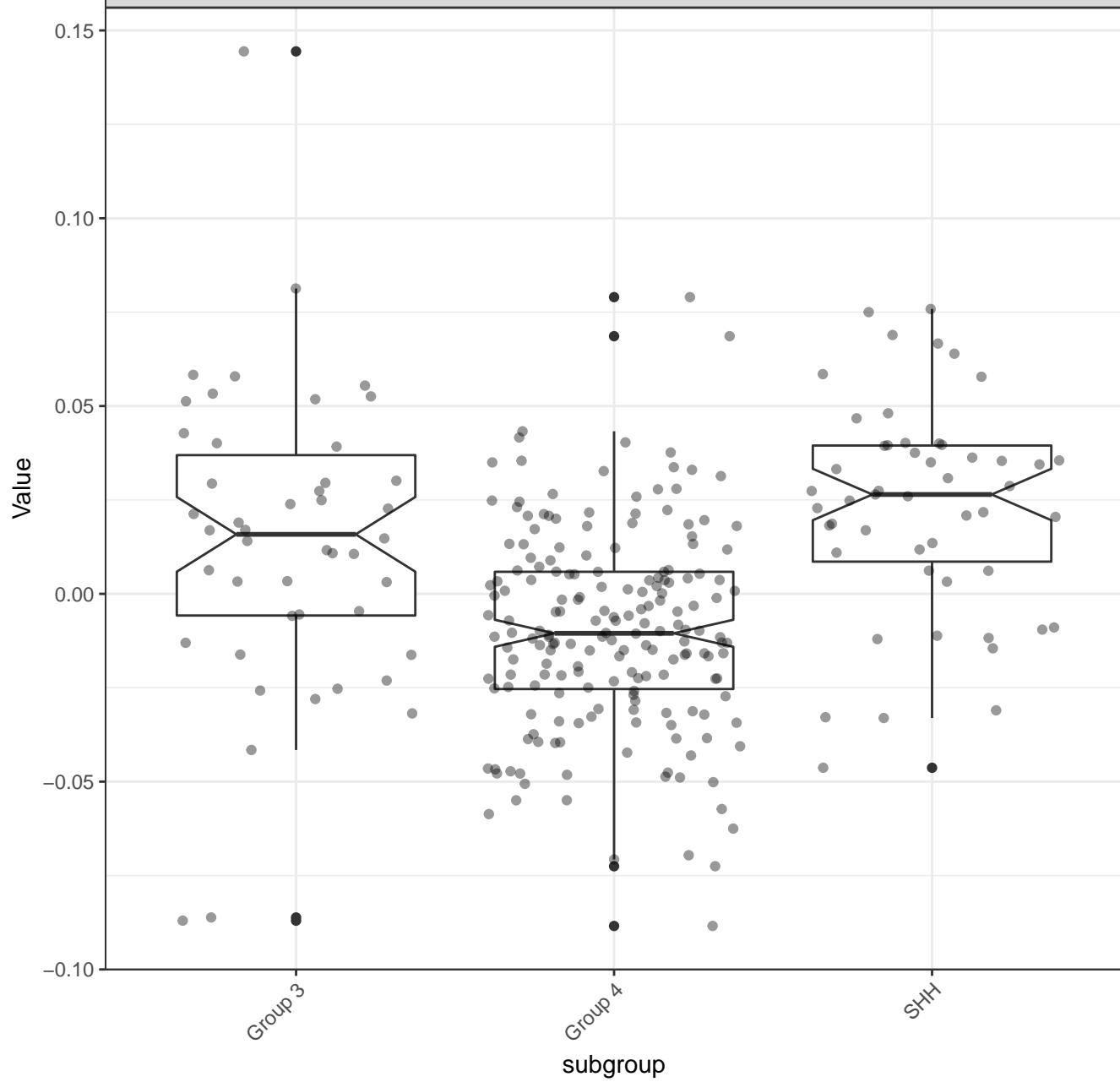
subgroup

Group 4

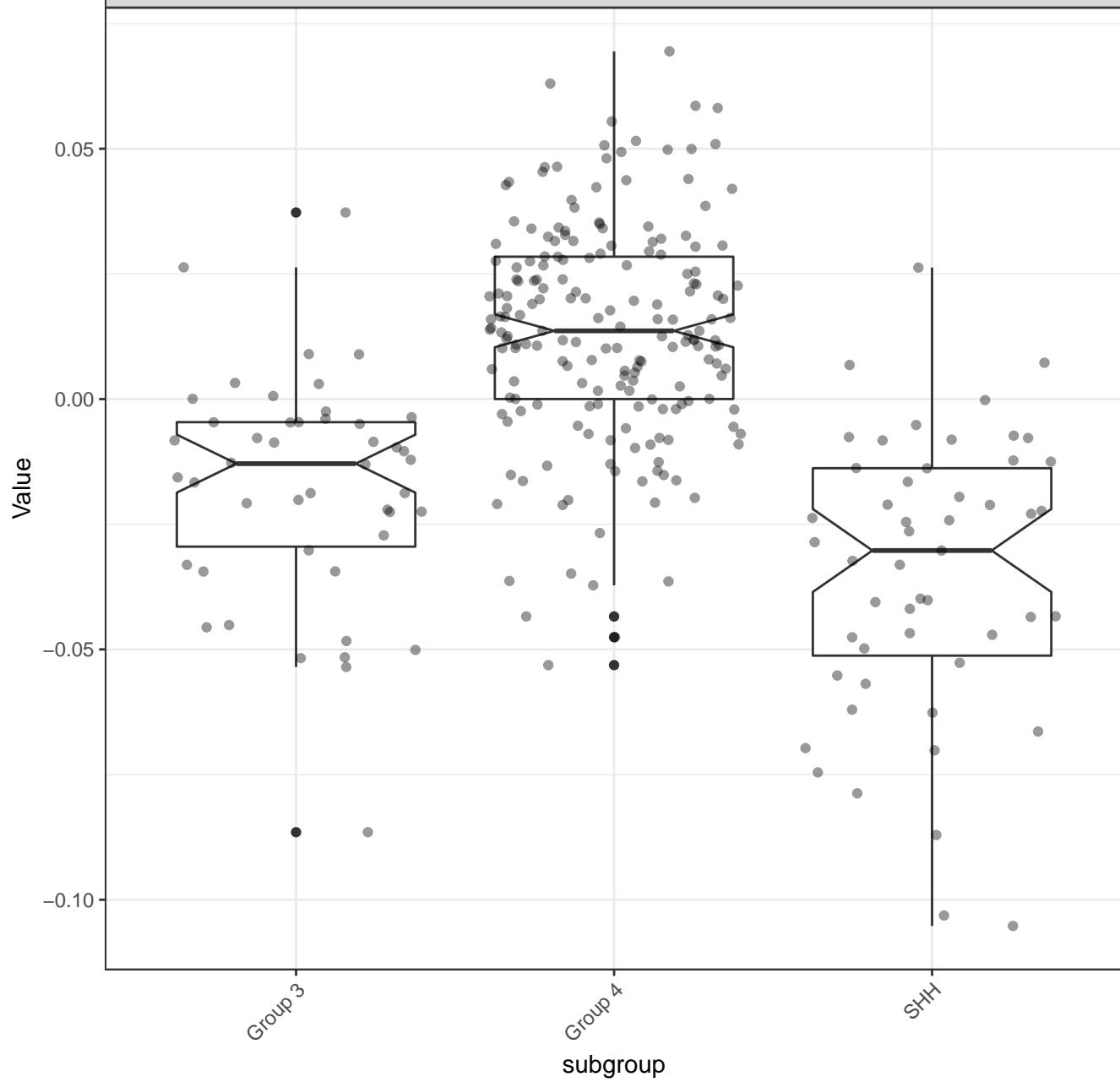
SHH



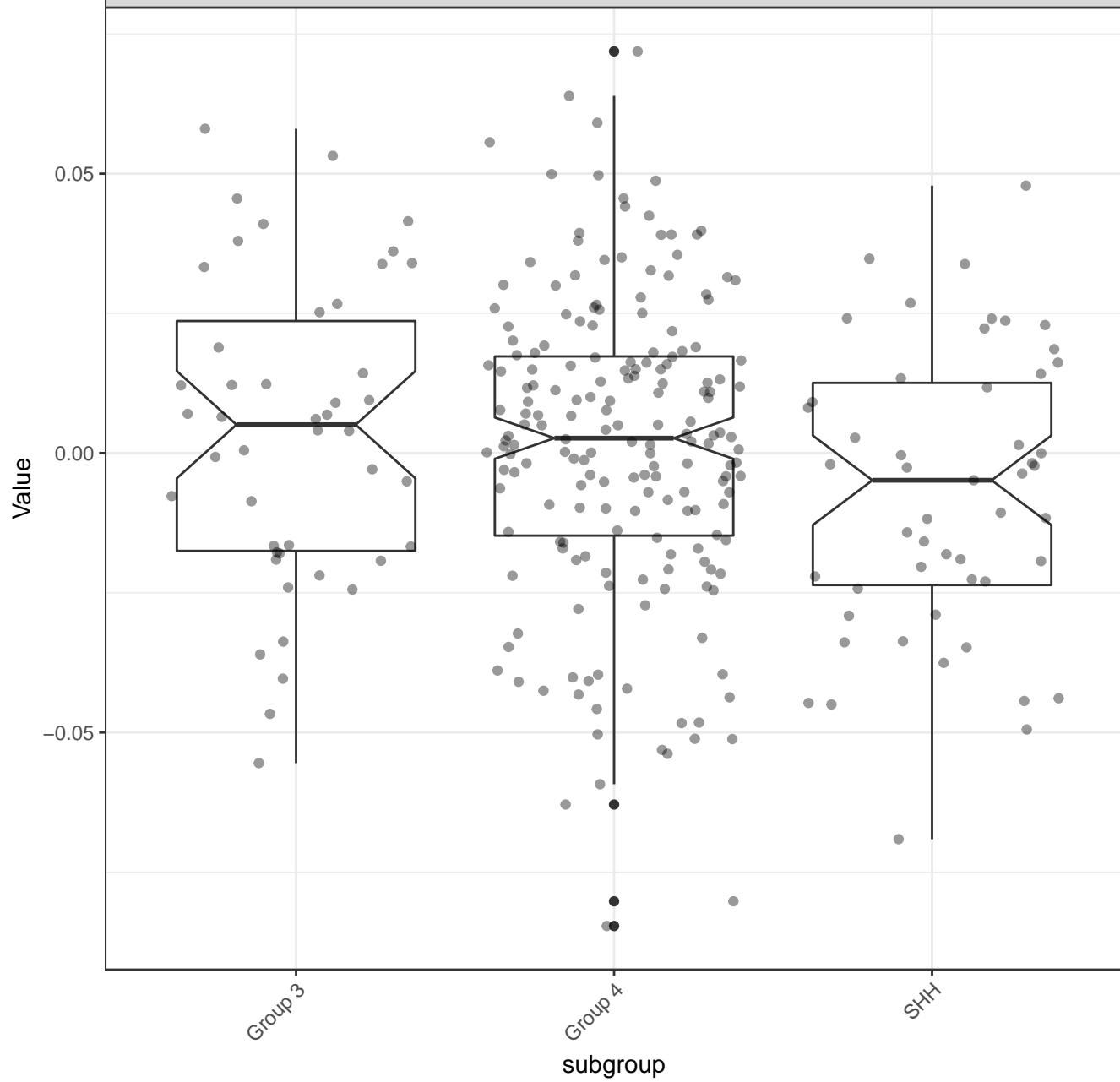
LV 713



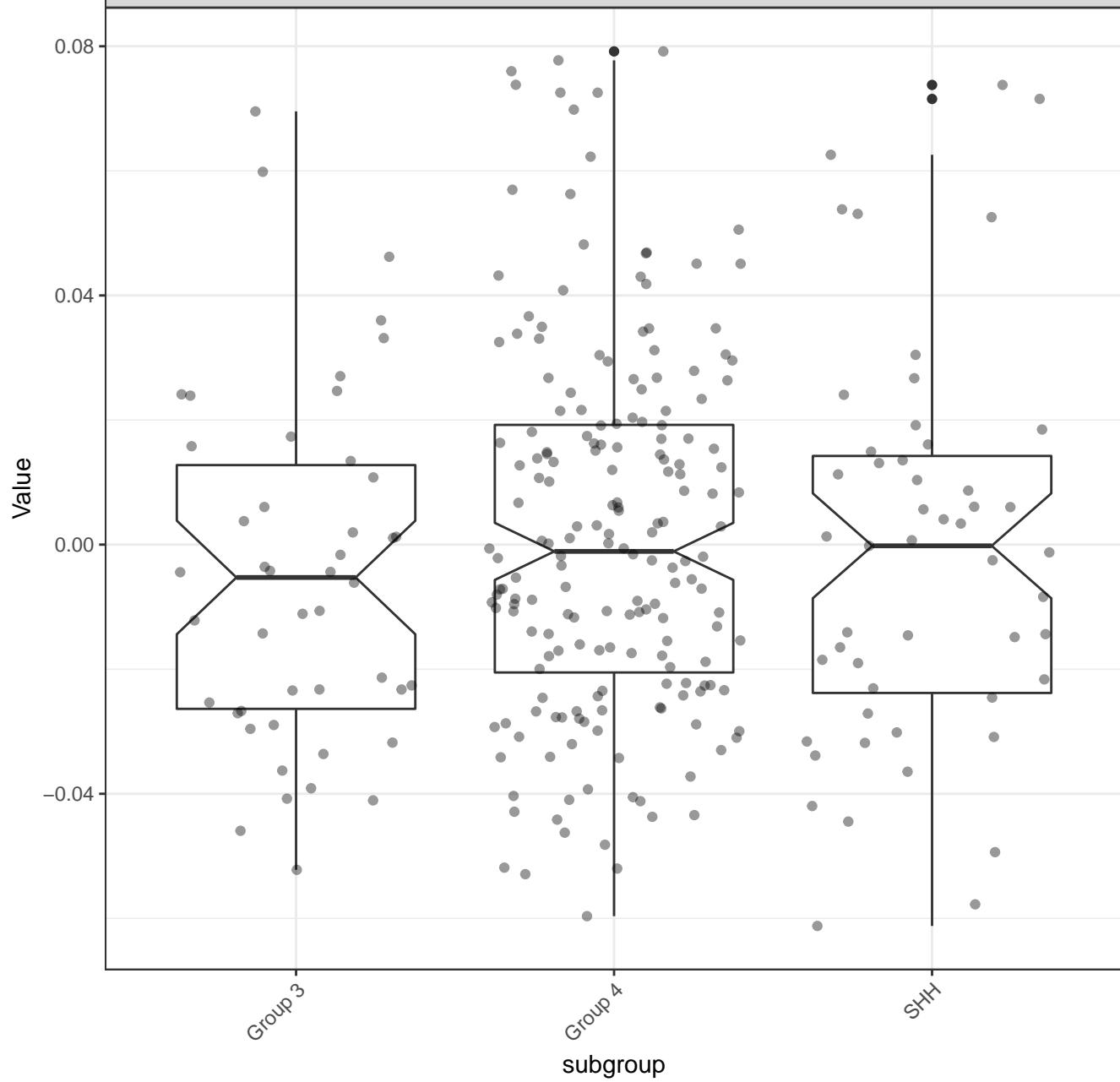
LV 714



LV 715



LV 716



LV 717

Value

0.10

0.05

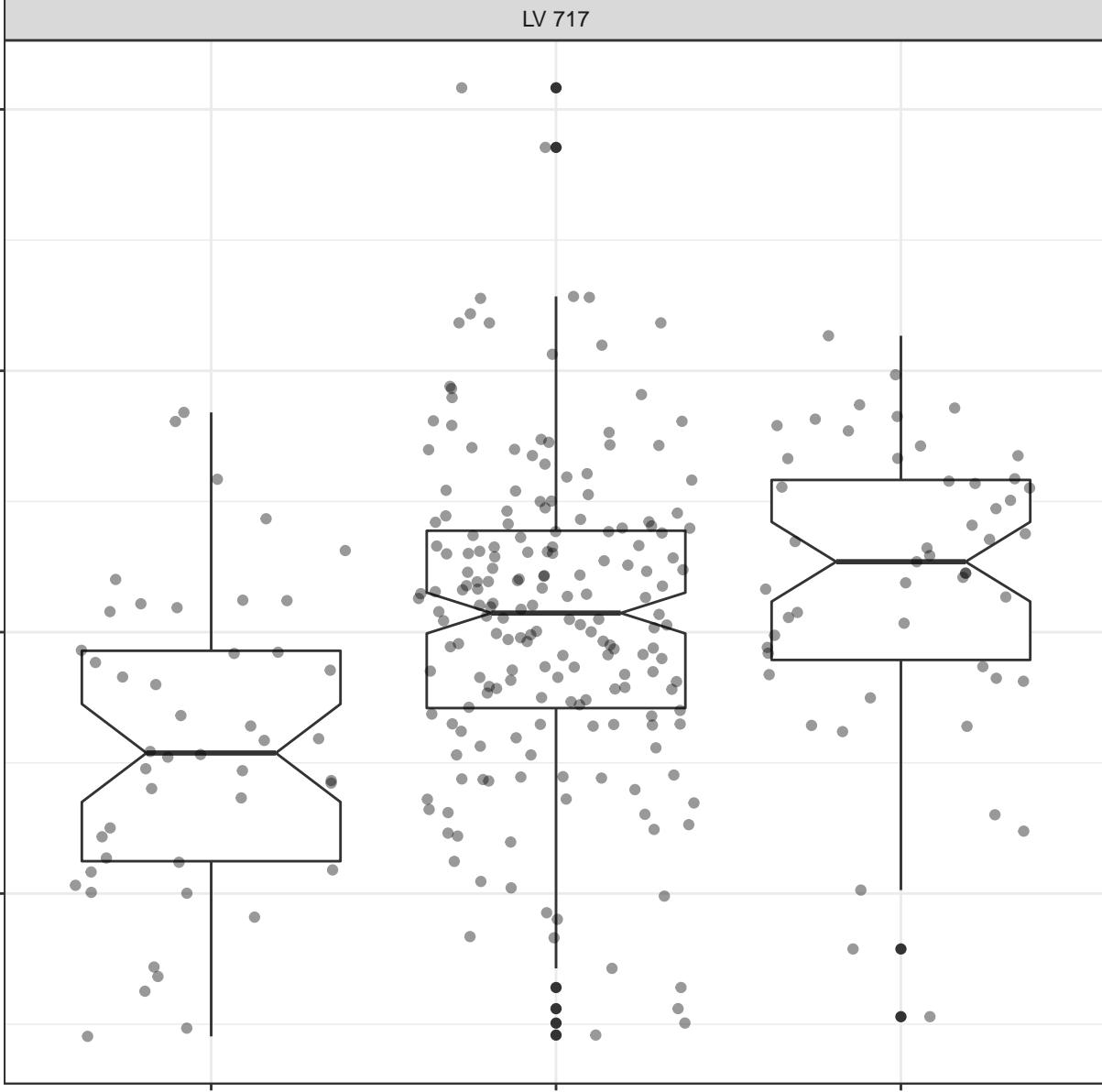
0.00

-0.05

Group 3

subgroup

SHH



LV 718

Value

0.05

0.00

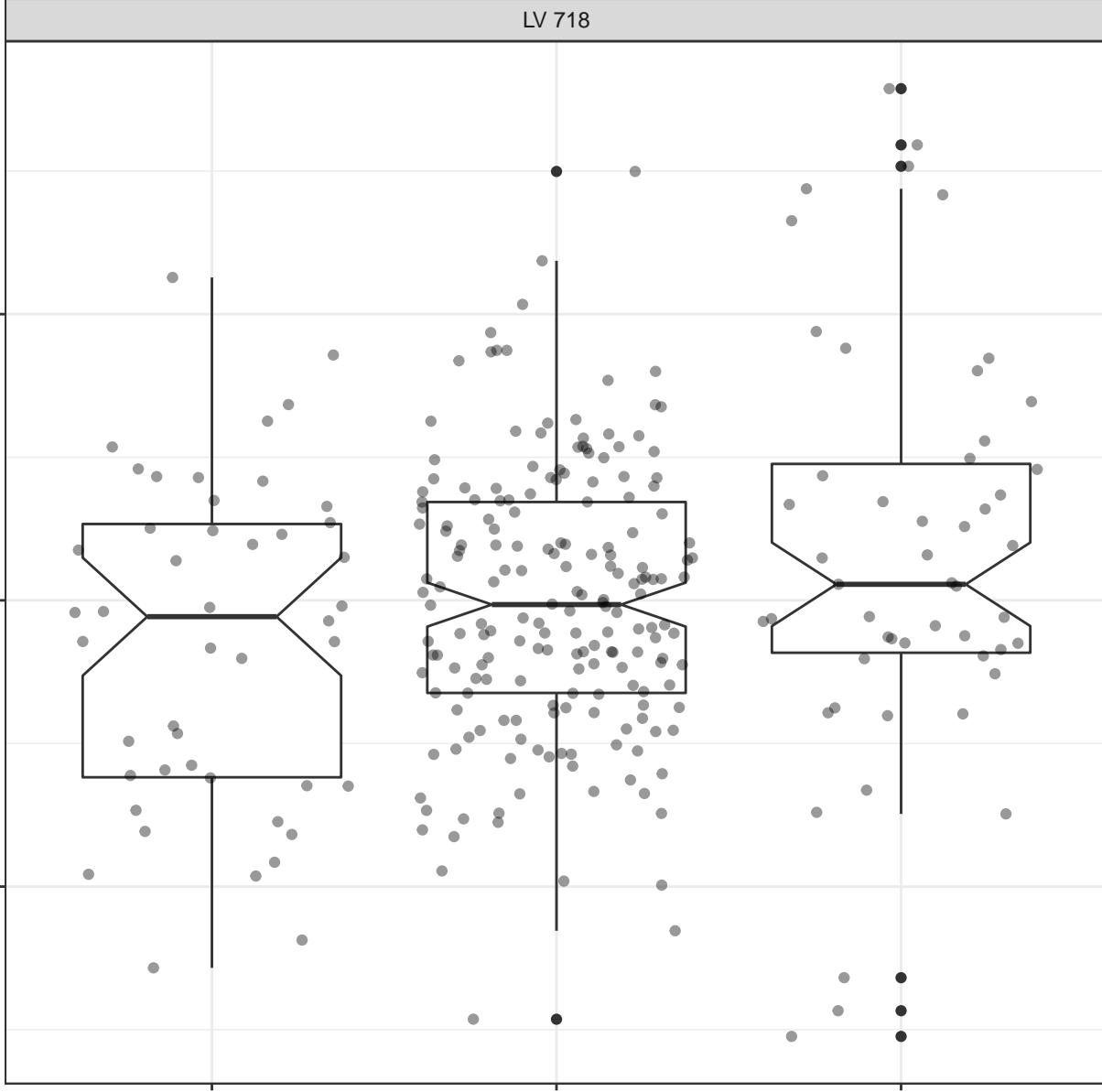
-0.05

Group 3

subgroup

Group 4

SHH



719,DMAP_CMP

Value

0.10

0.05

0.00

-0.05

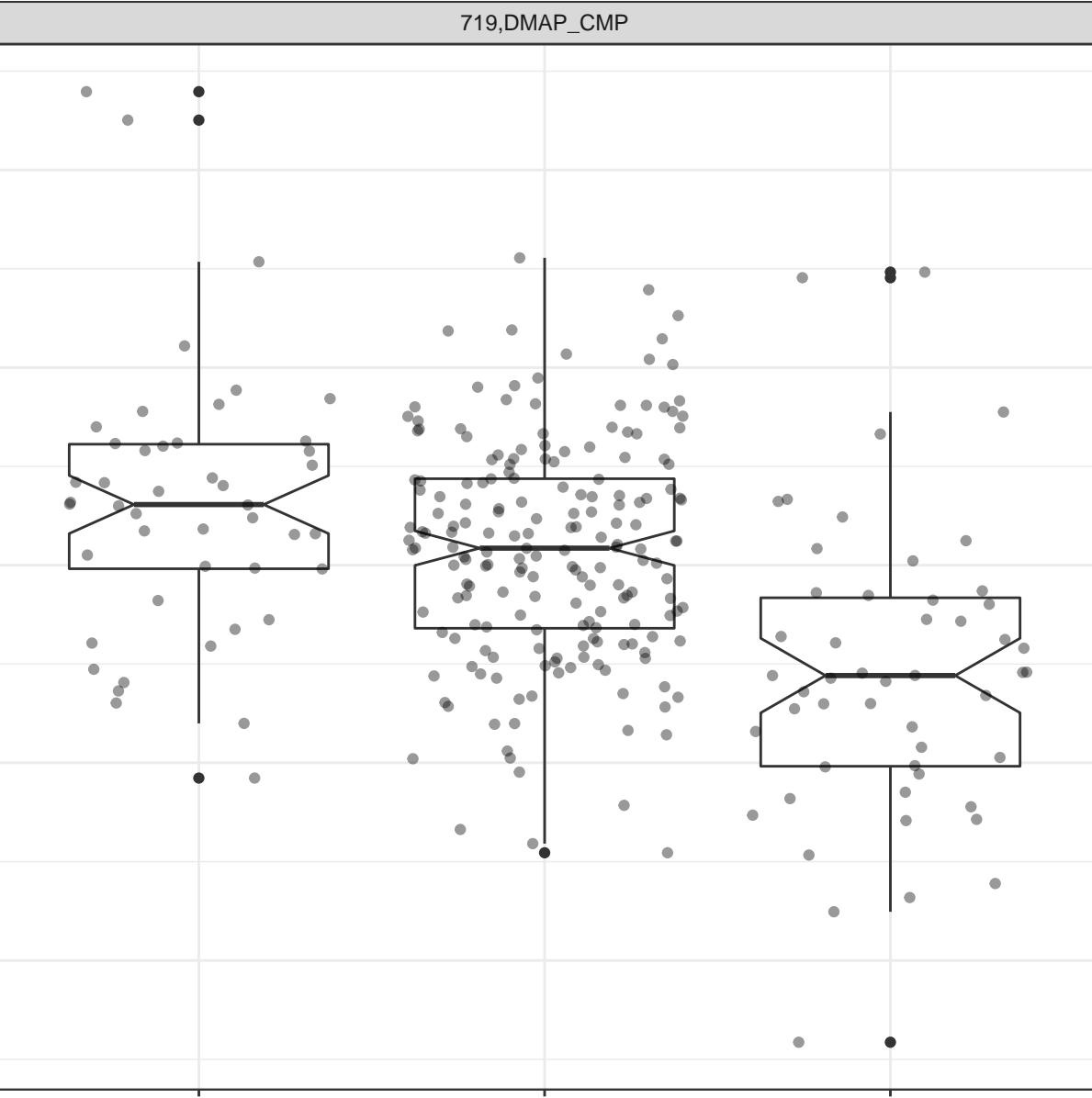
-0.10

Group 3

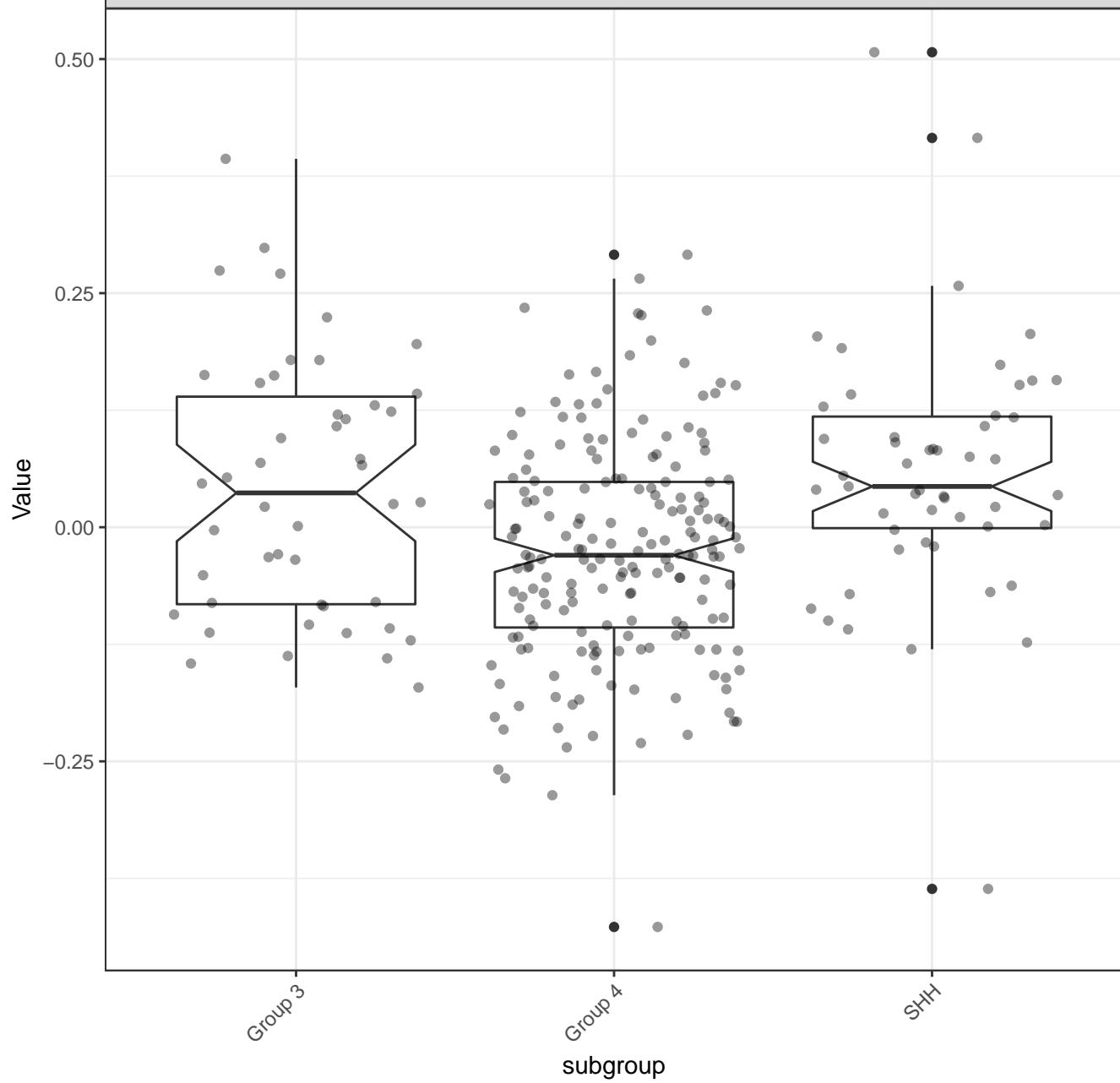
subgroup

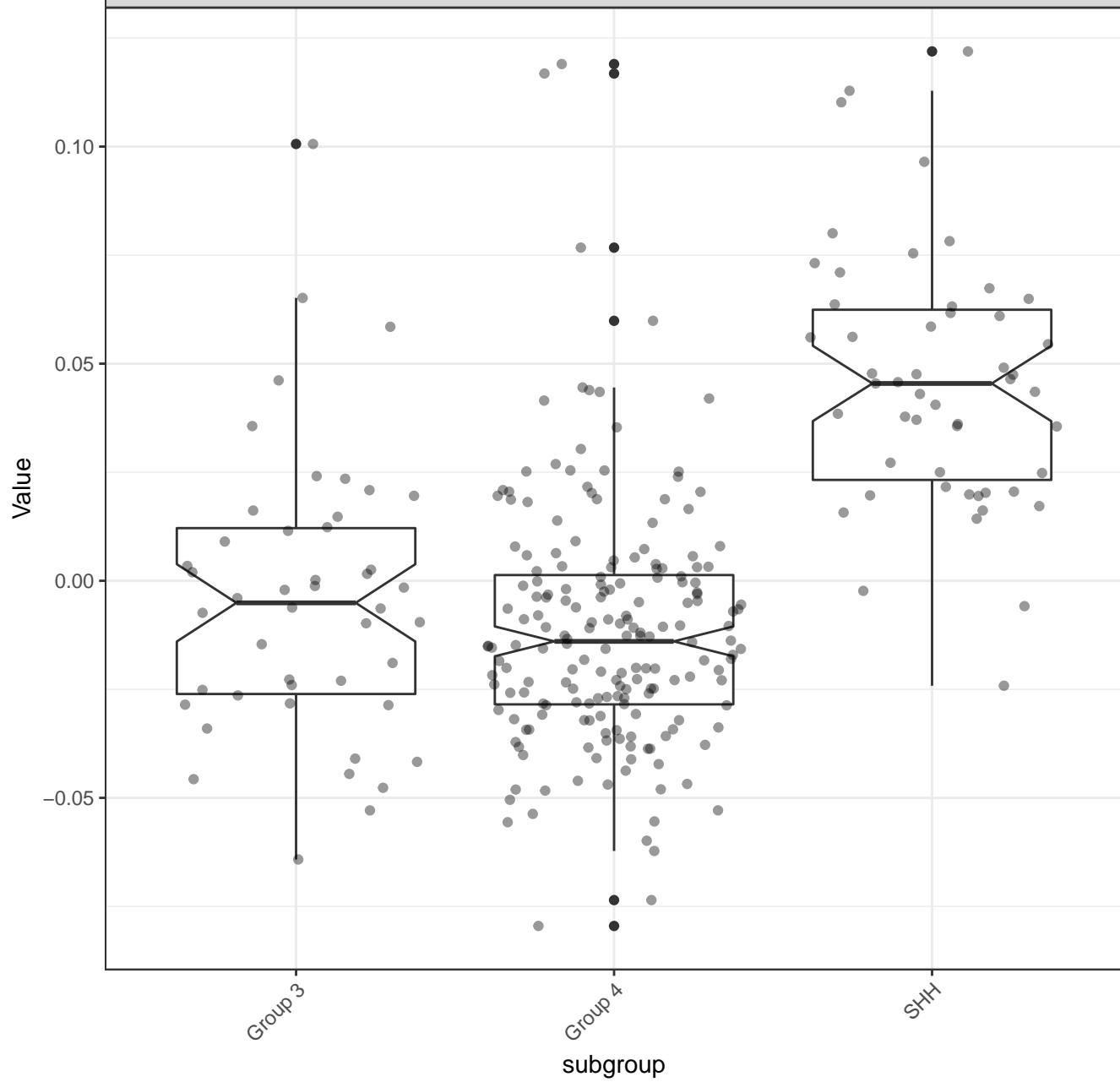
Group 4

SHH

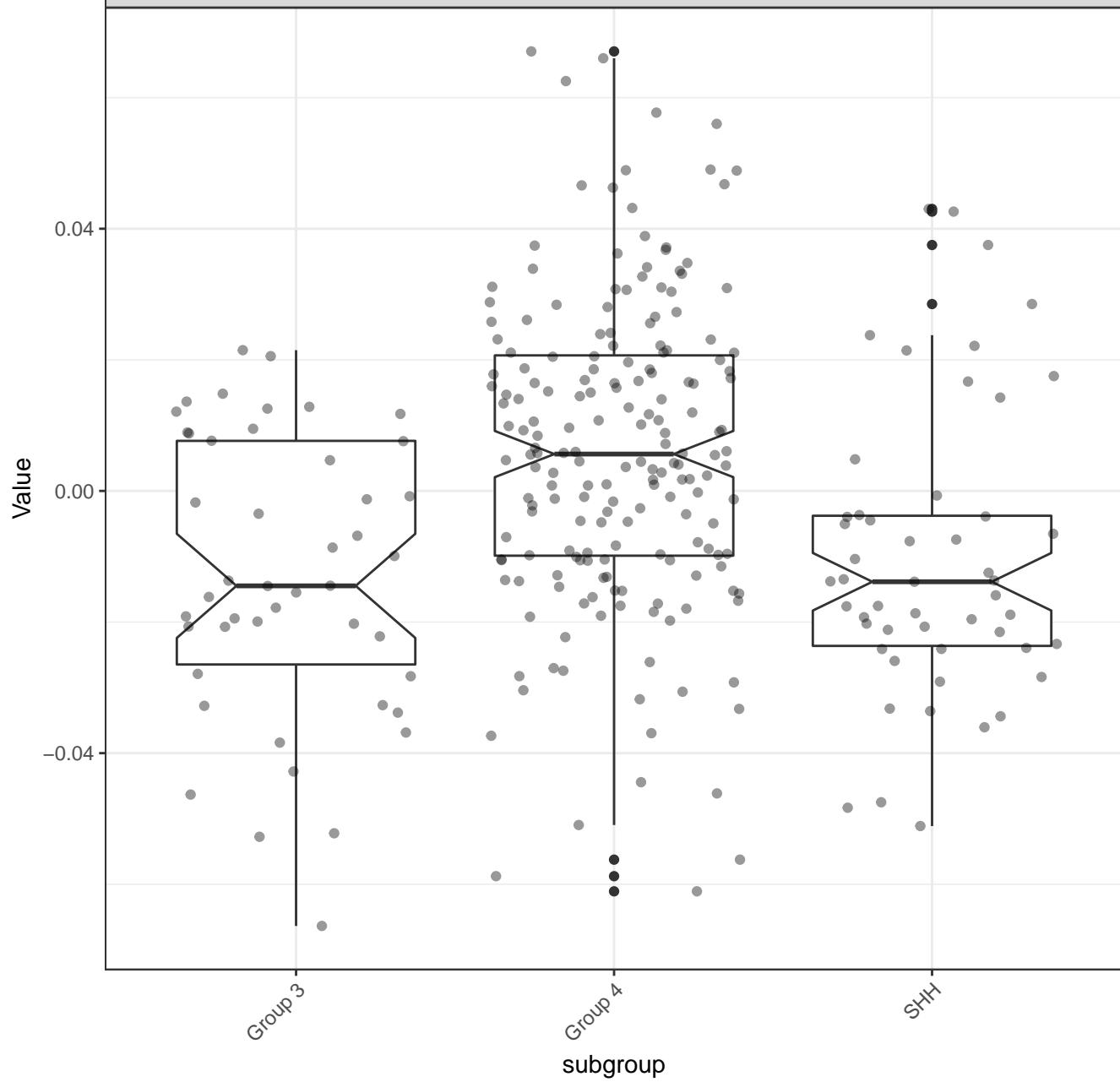


720,PID_FANCONI_PATHWAY

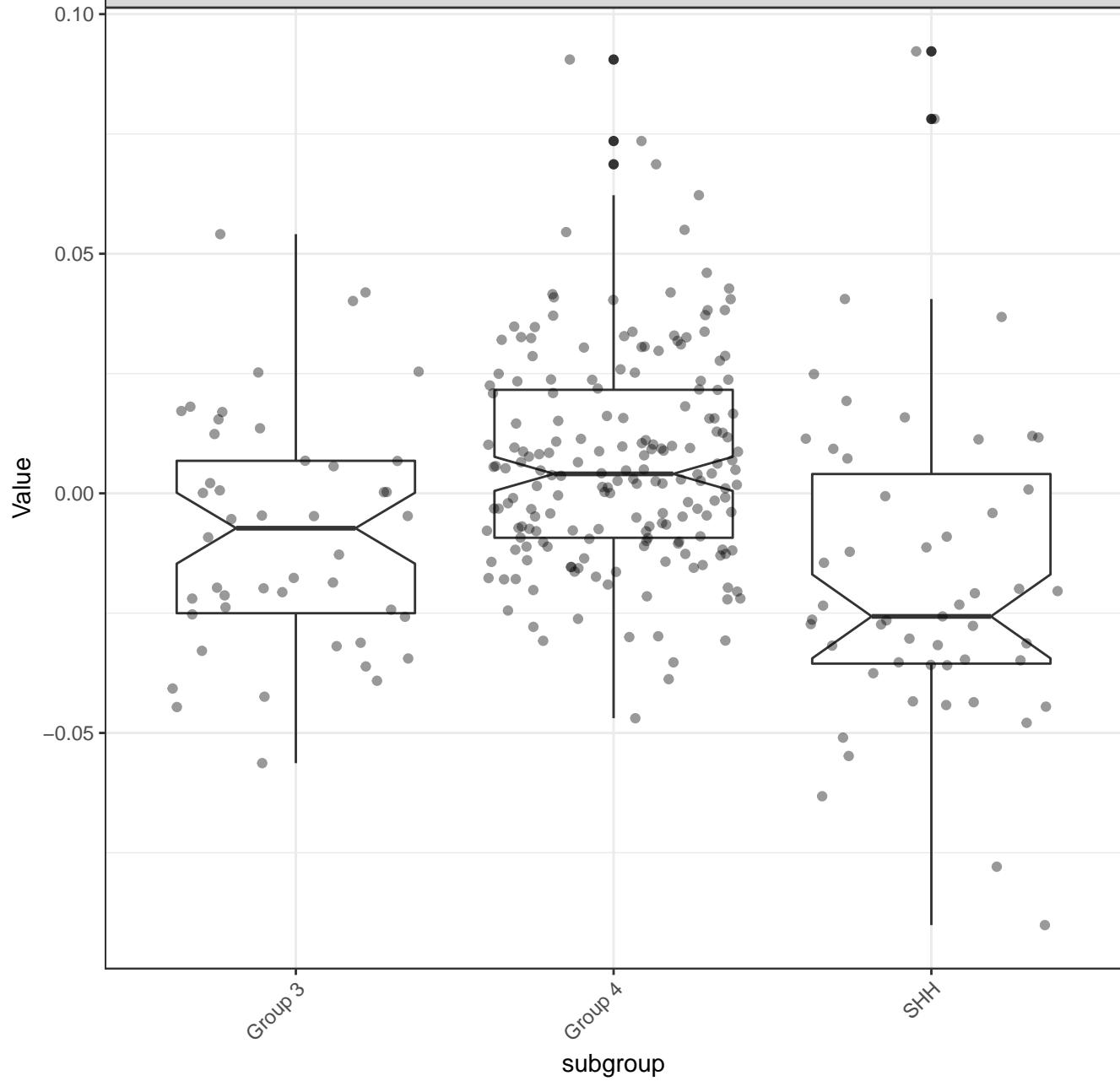




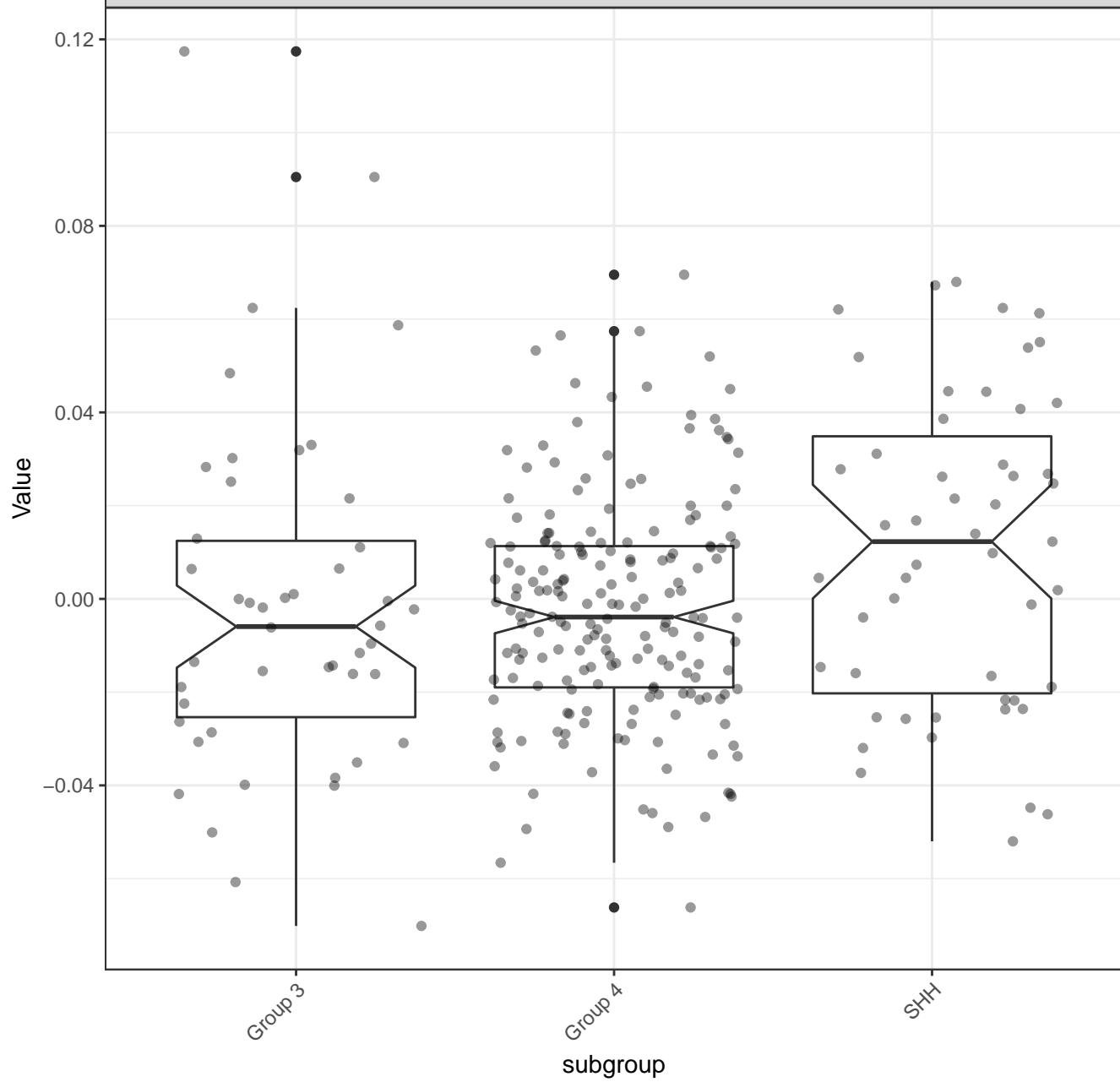
LV 722



LV 723



LV 724



LV 725

Value

0.3

0.2

0.1

0.0

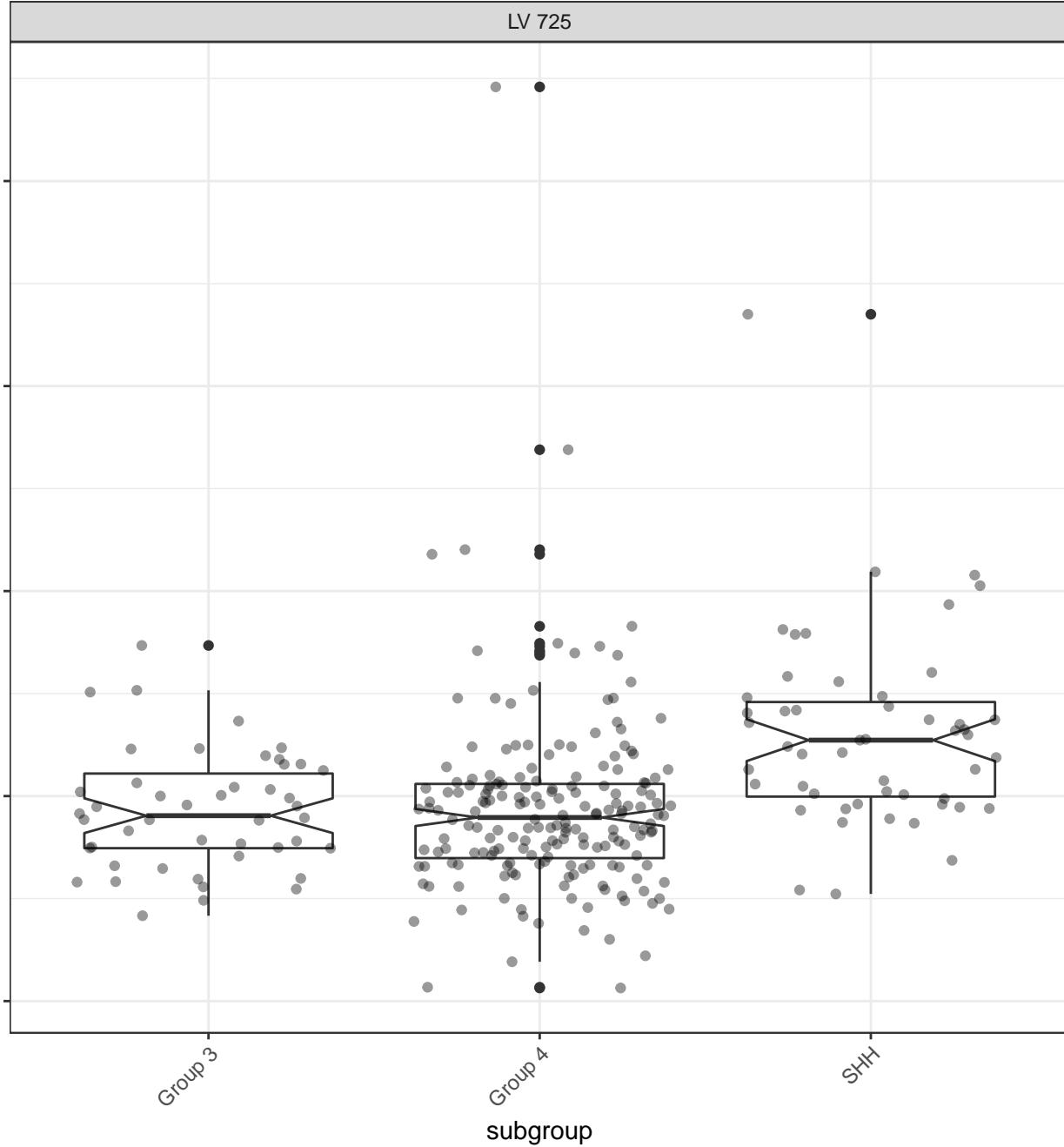
-0.1

Group 3

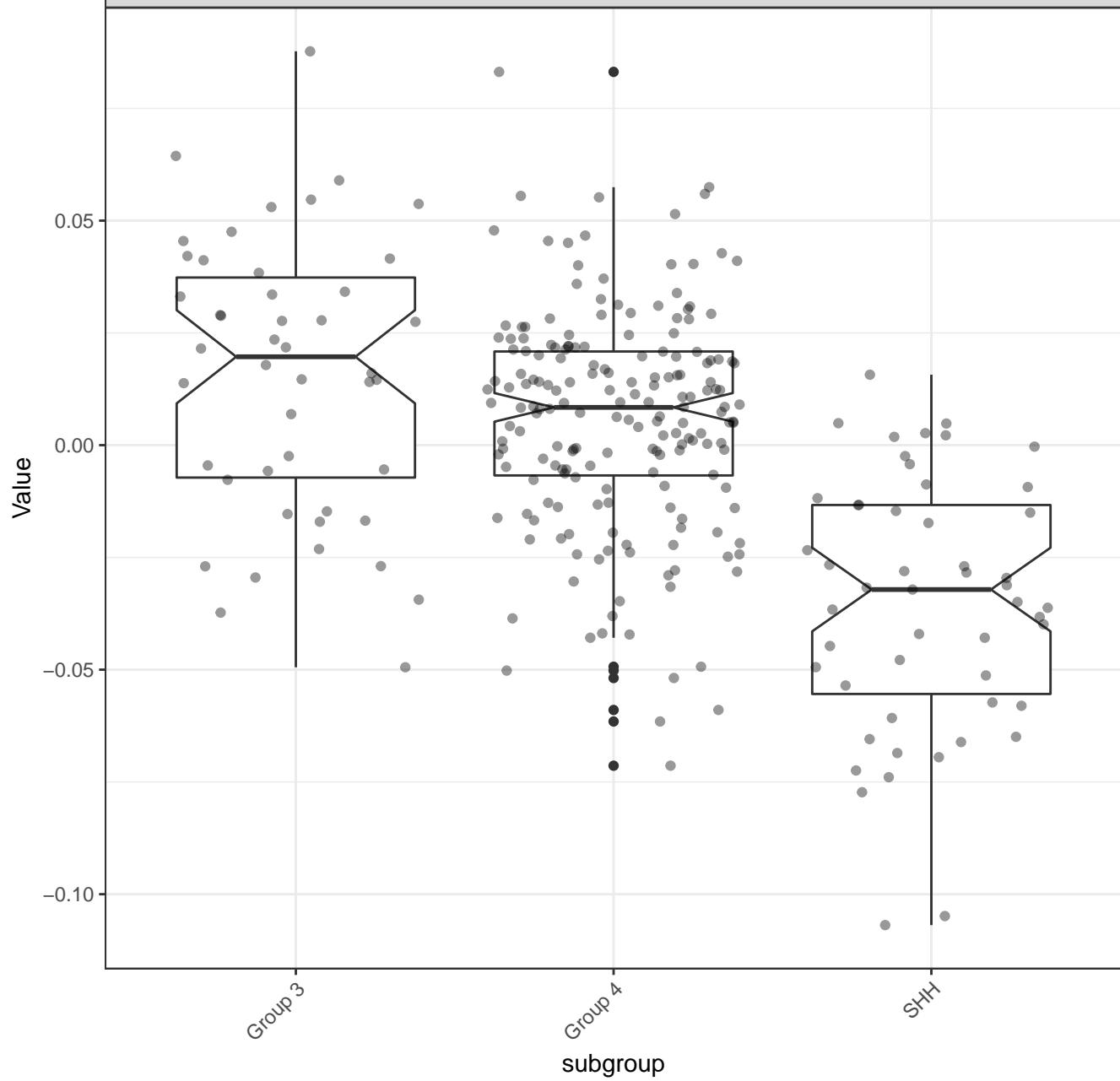
Group 4

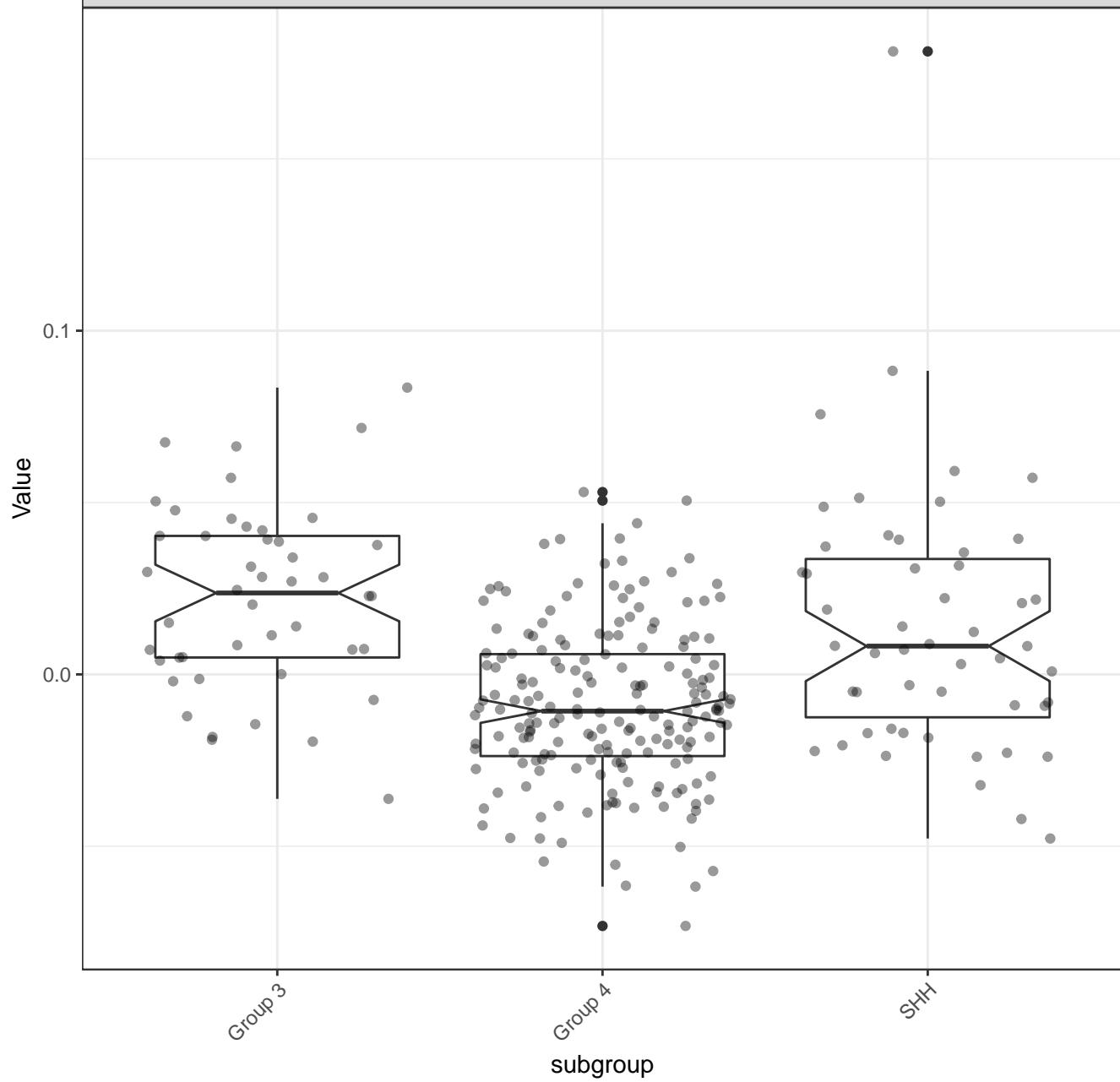
SHH

subgroup

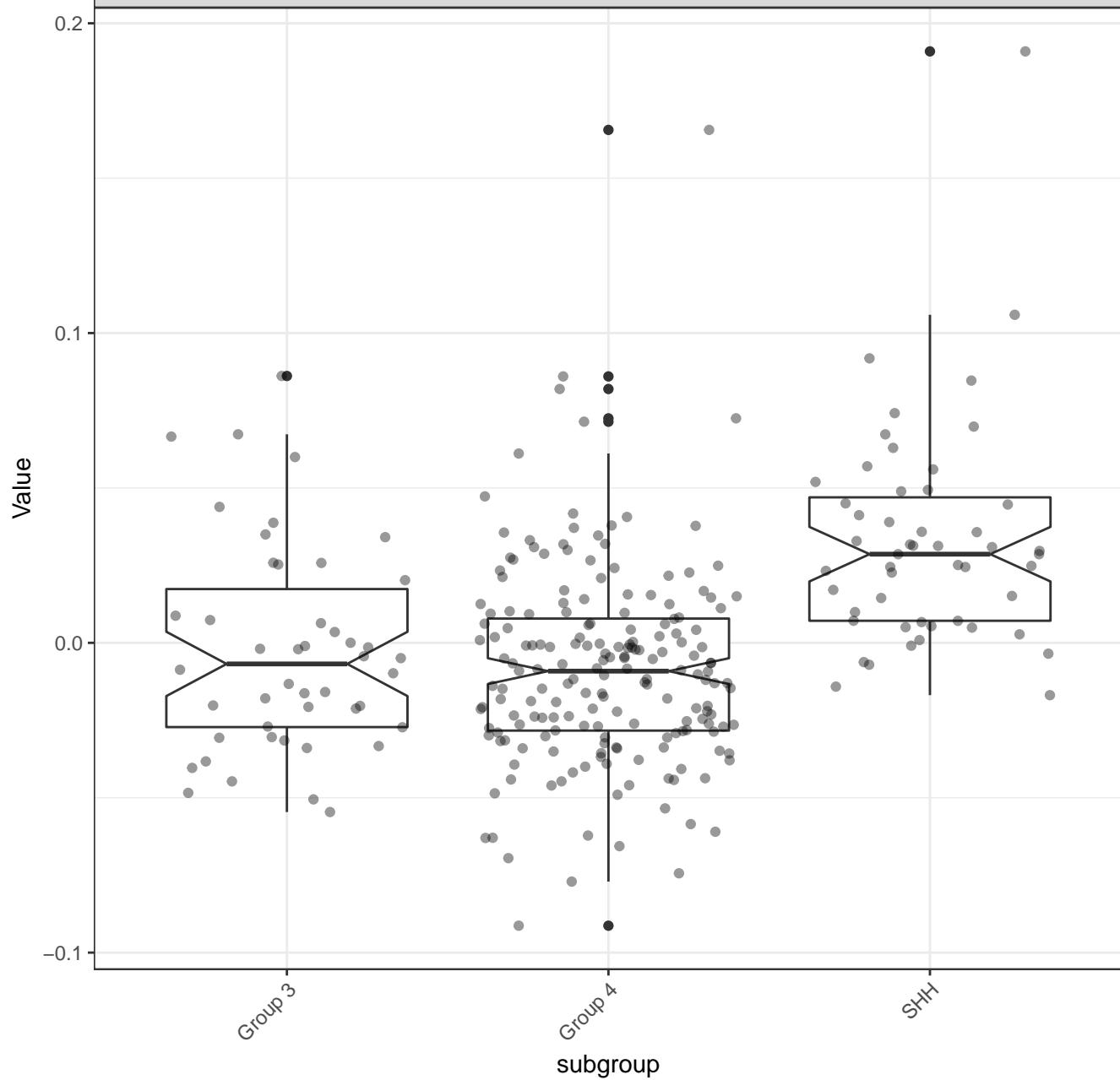


LV 726





728,SVM Mast cells activated



LV 729

Value

0.05

0.00

-0.05

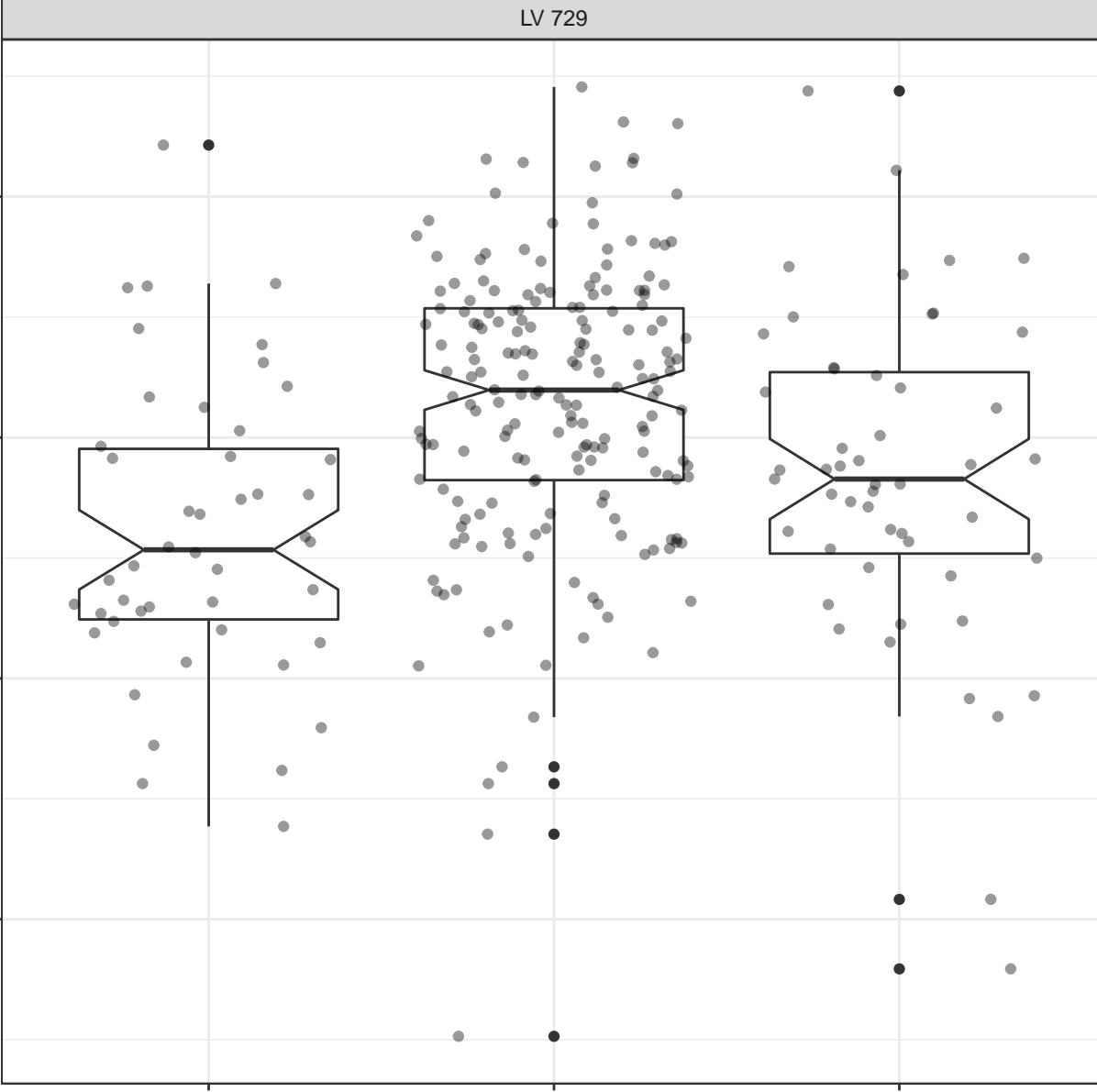
-0.10

Group 3

subgroup

Group 4

SHH



Value

0.2

0.1

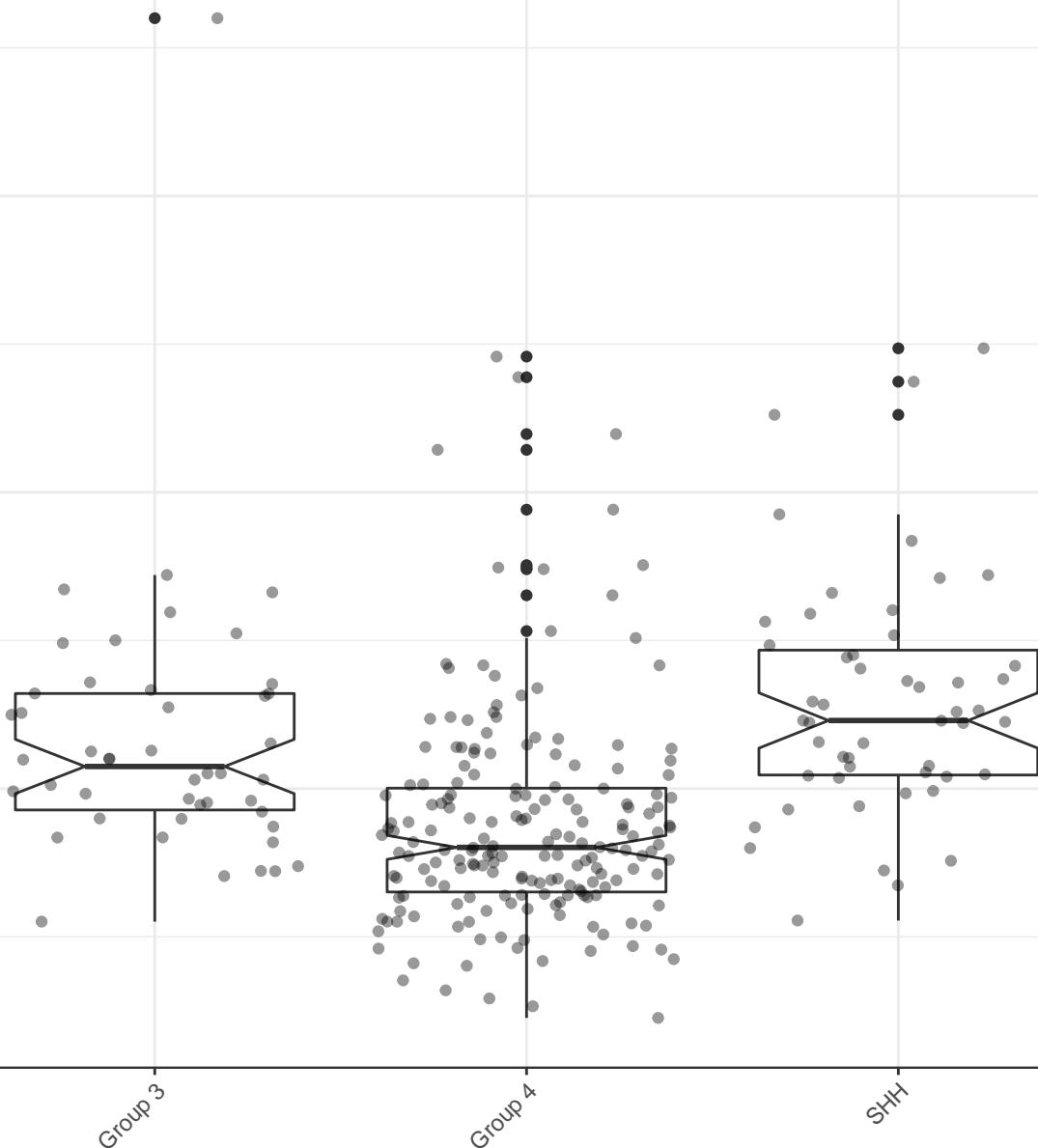
0.0

Group 3

Group 4

SHH

subgroup



LV 731

Value

0.10

0.05

0.00

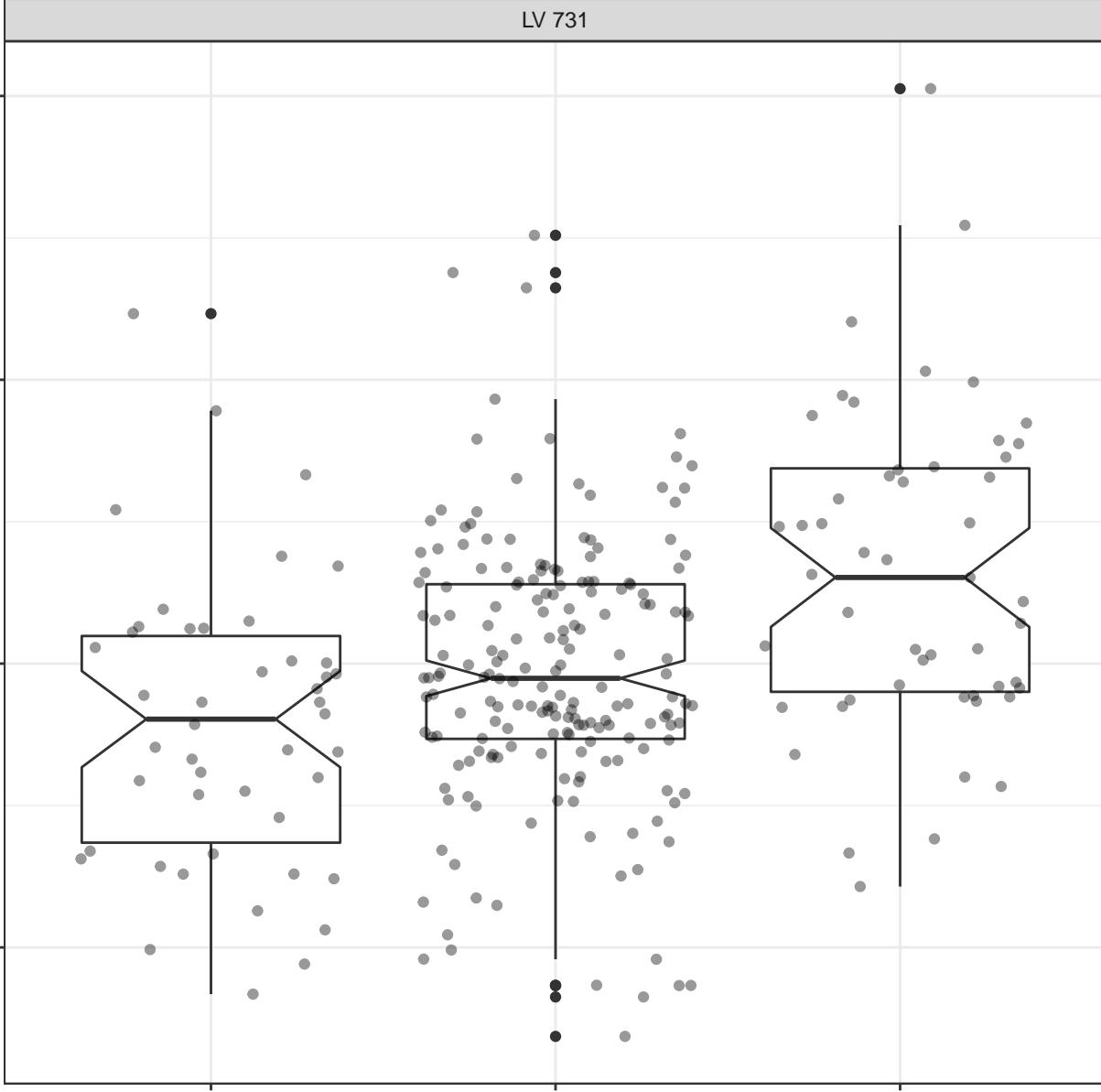
-0.05

Group 3

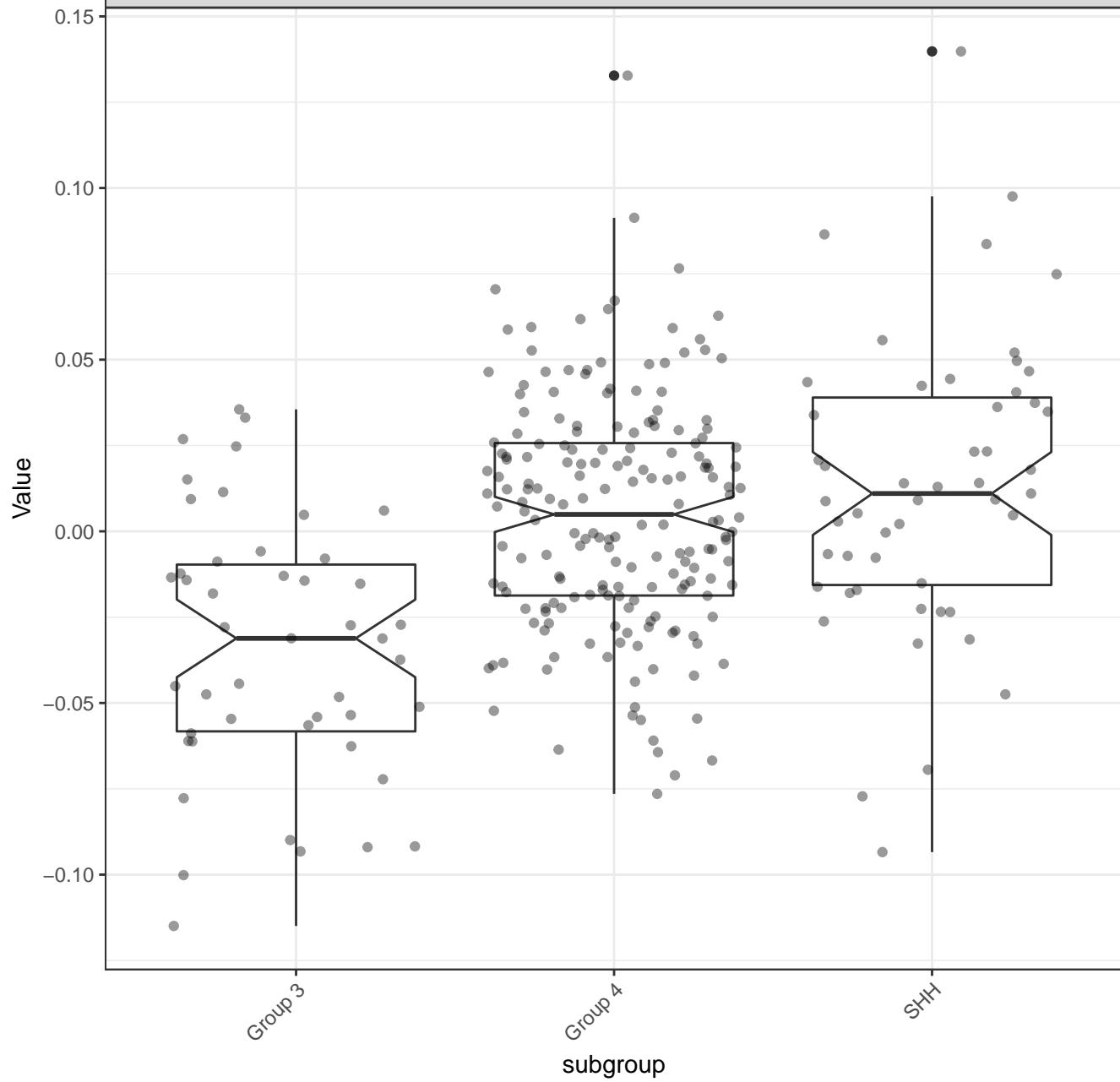
Group 4

SHH

subgroup



LV 732



Value

0.05

0.00

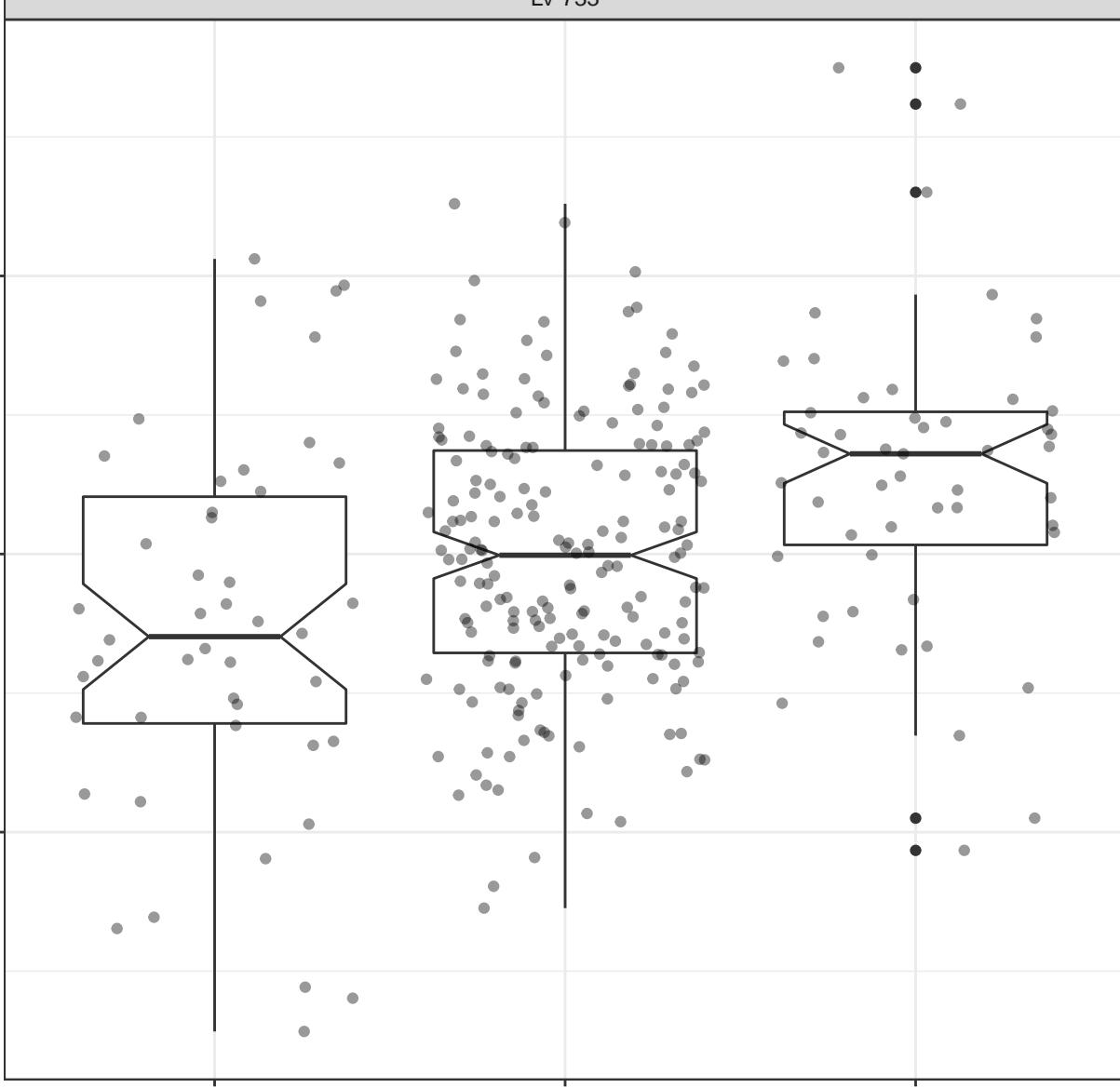
-0.05

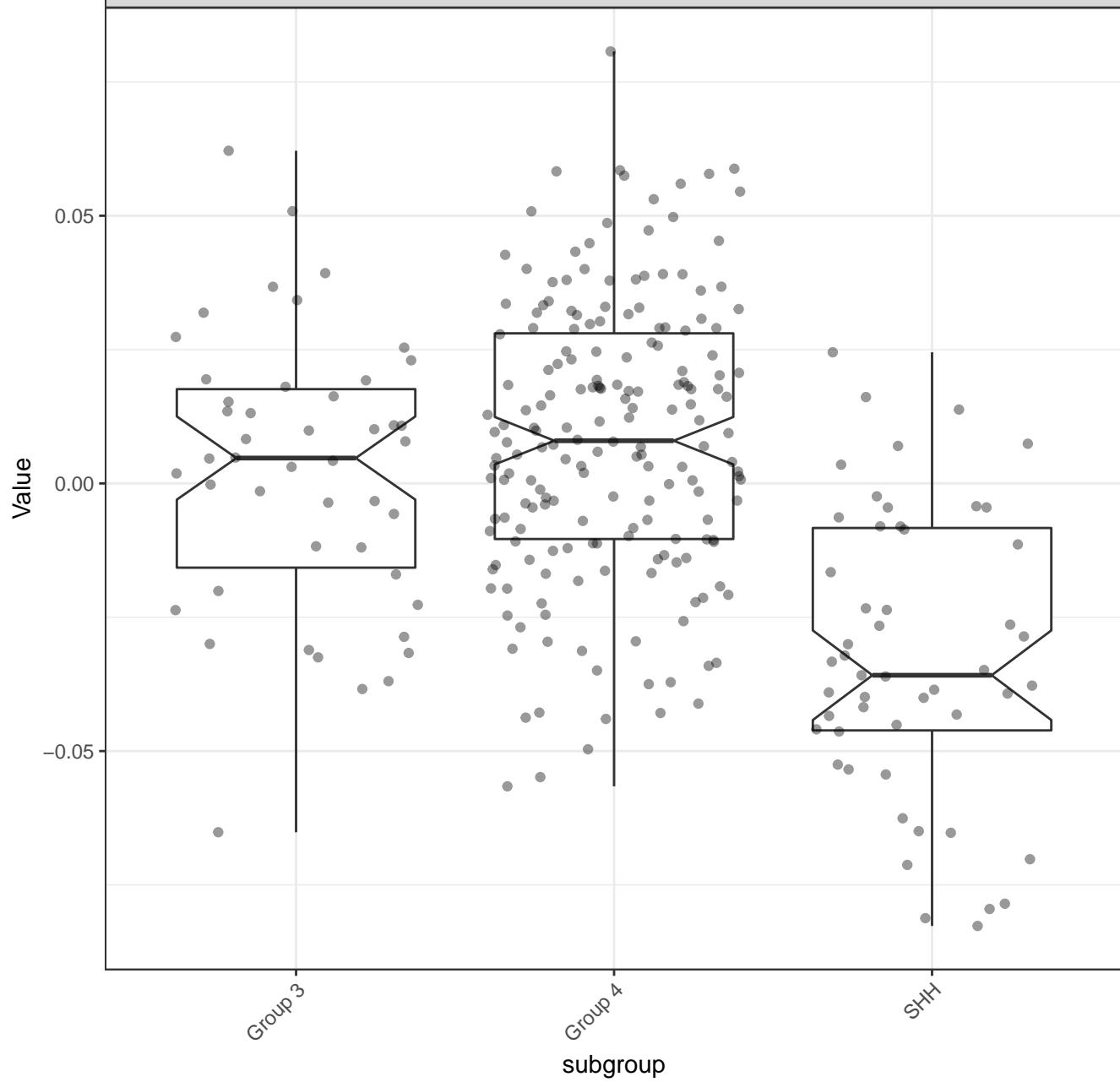
Group 3

Group 4

SHH

subgroup





735,REACTOME_GENERIC_TRANSSCRIPTION_PATHWAY

Value

0.10

0.05

0.00

-0.05

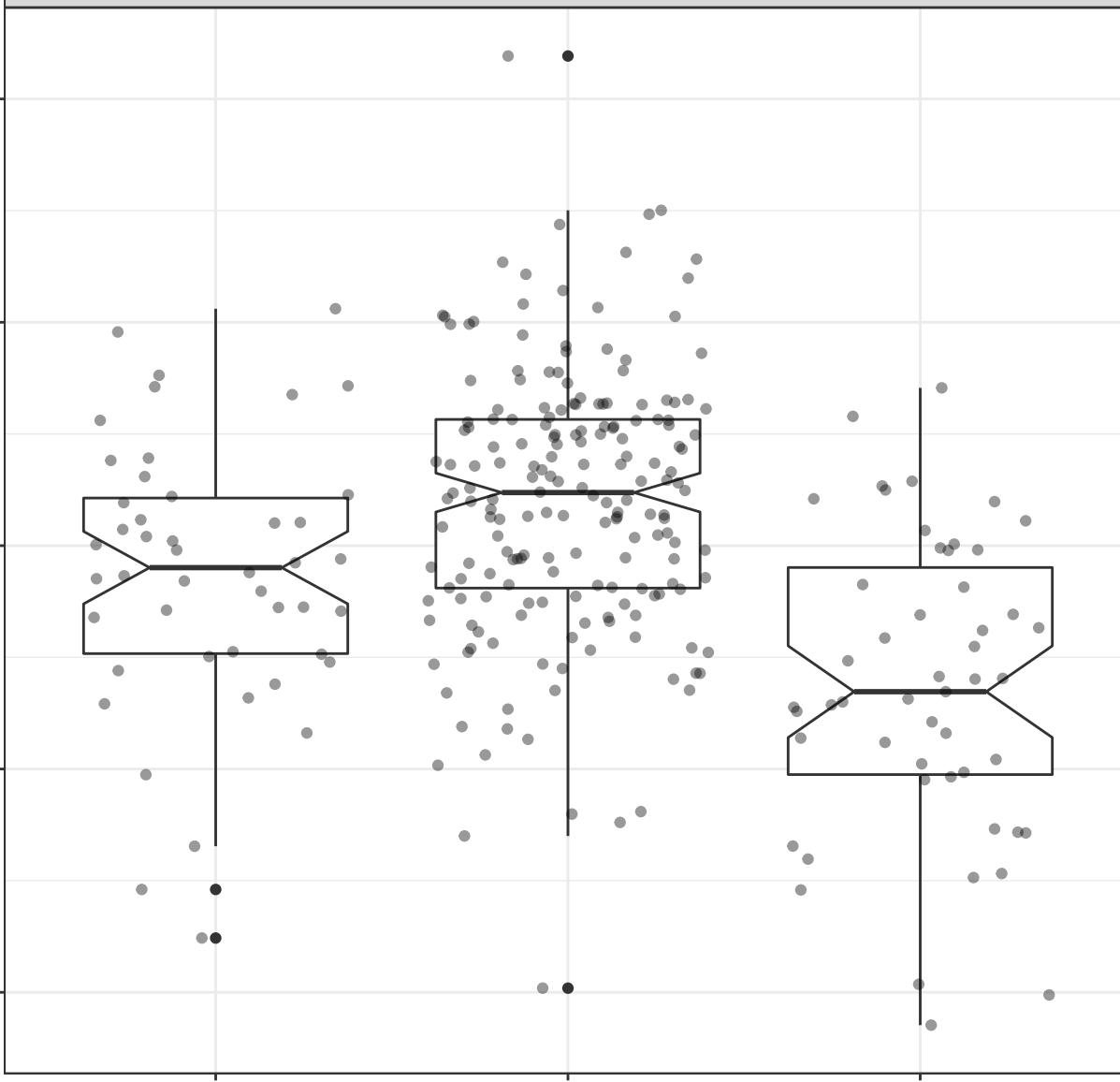
-0.10

Group 3

Group 4

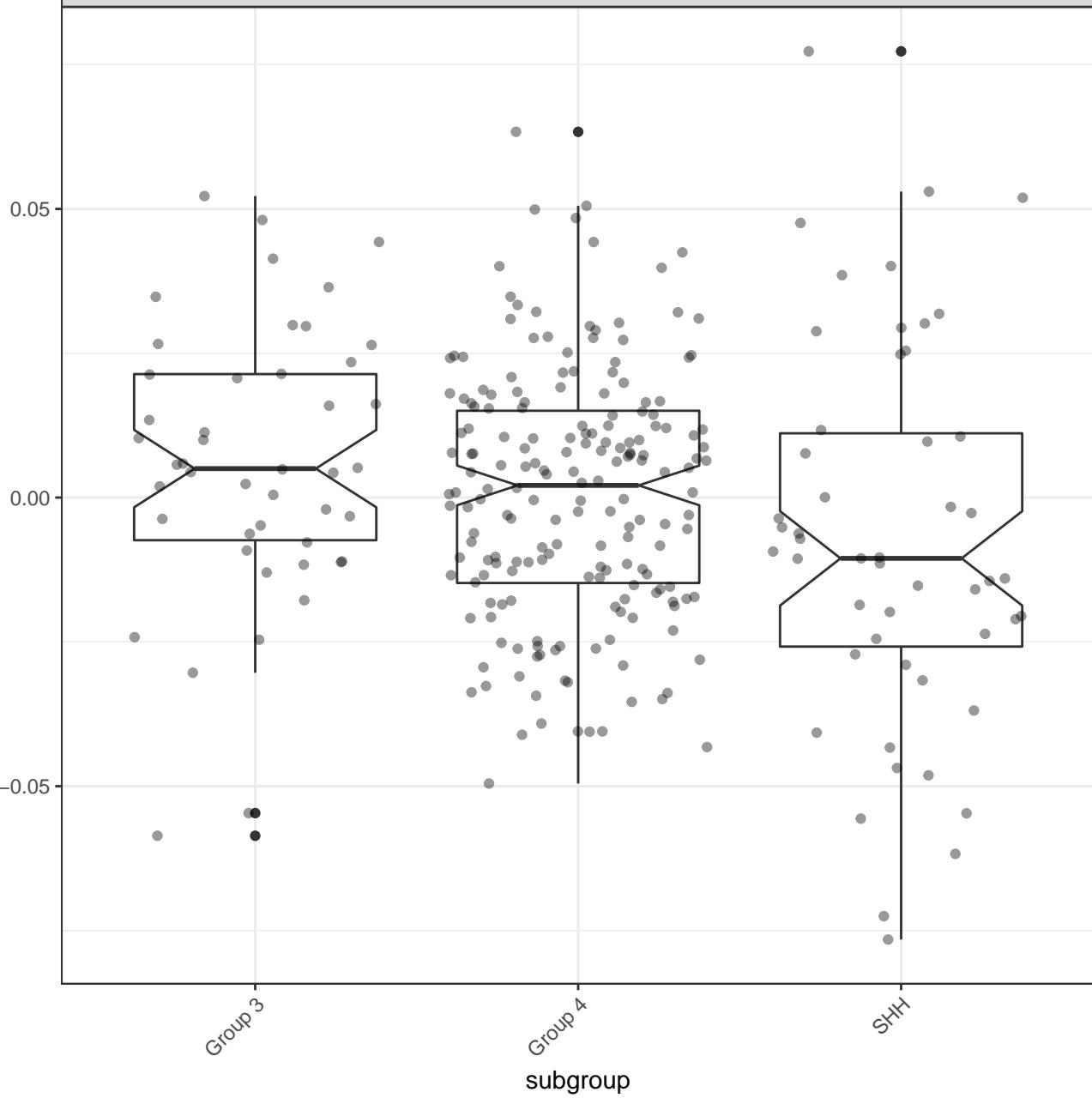
SHH

subgroup

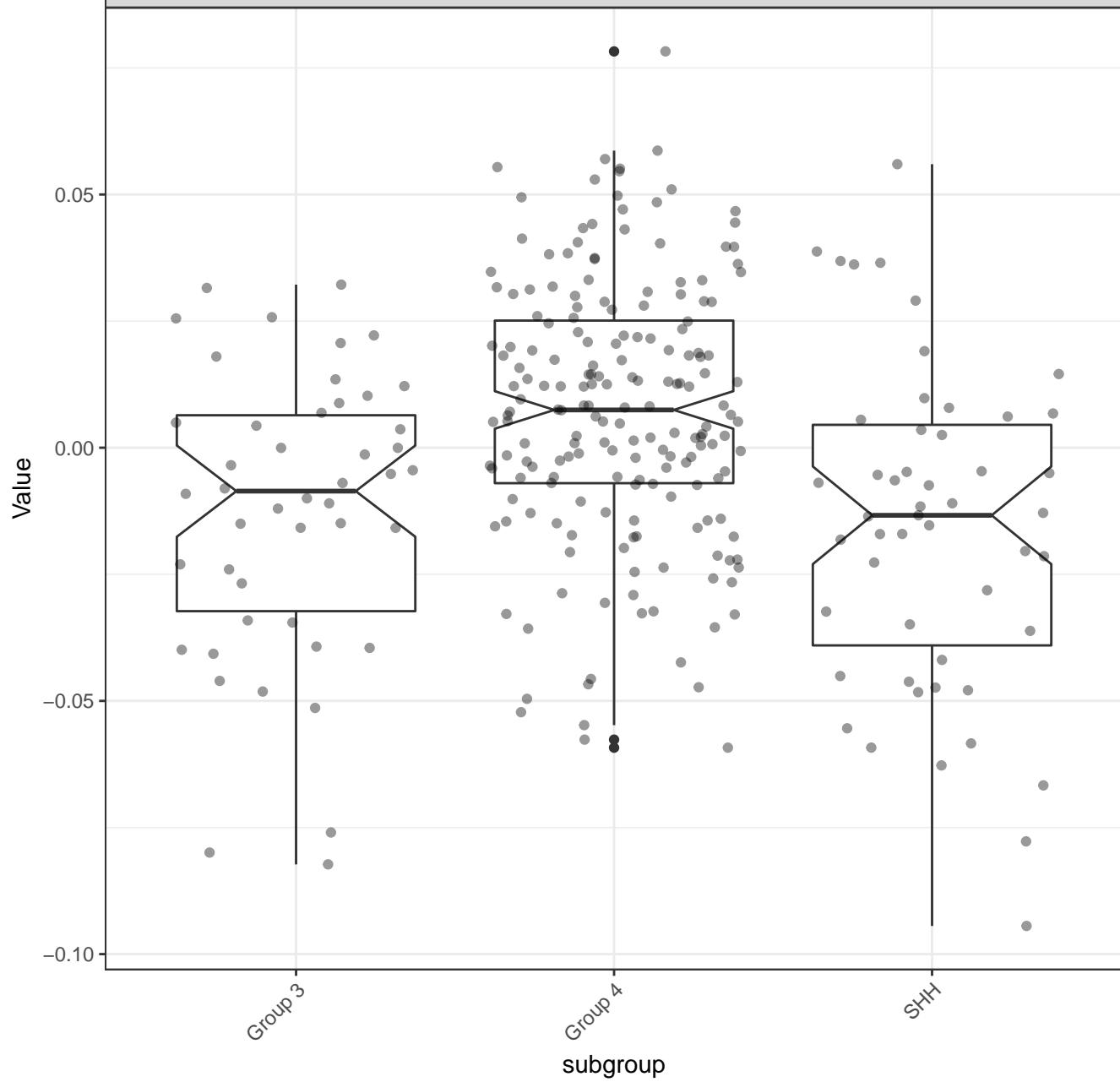


LV 736

Value



LV 737



LV 738

Value

0.15

0.10

0.05

0.00

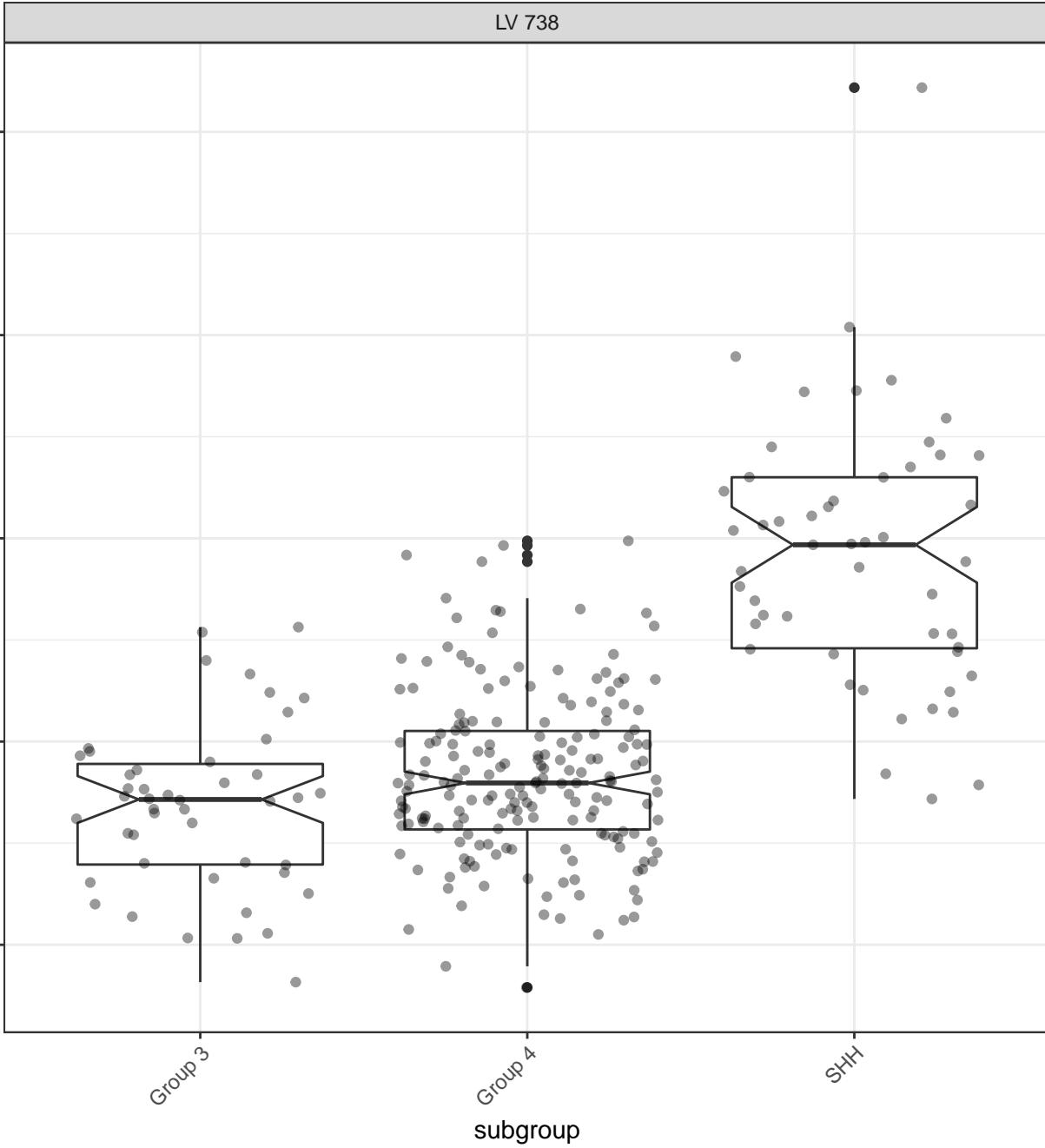
-0.05

Group 3

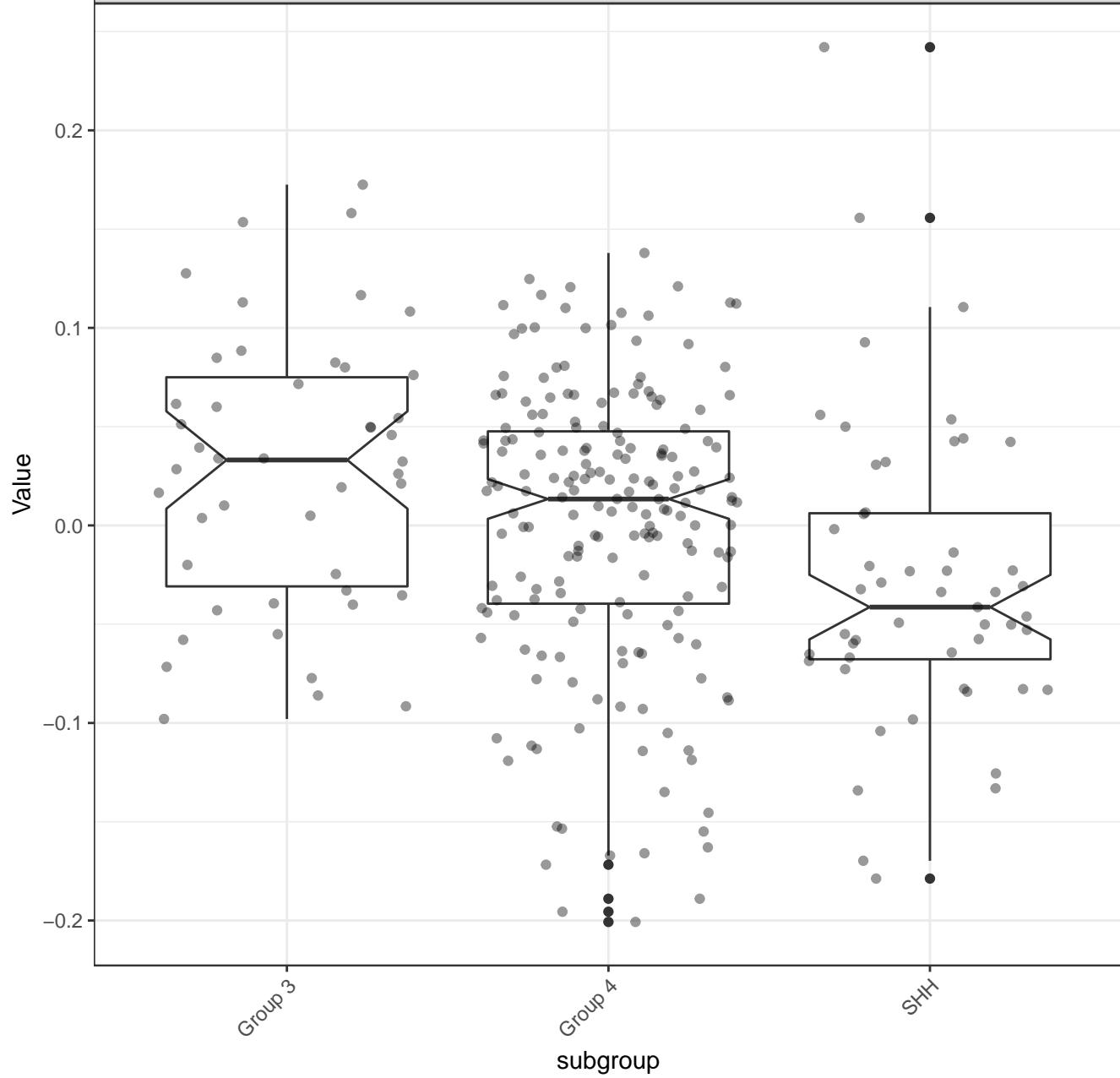
Group 4

SHH

subgroup



739,REACTOME_GENERIC_TRANSSCRIPTION_PATHWAY



LV 740

Value

0.04

0.00

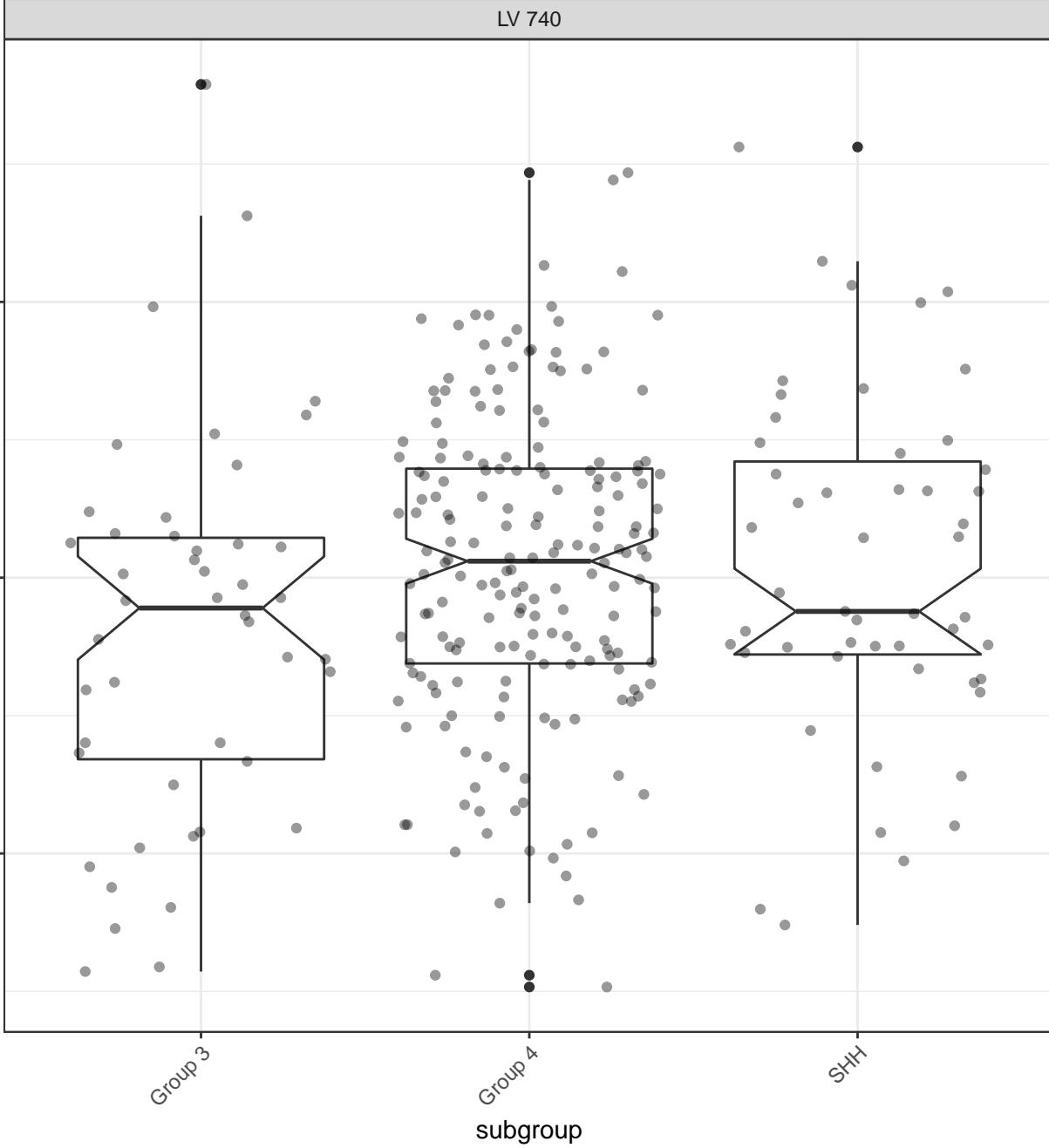
-0.04

Group 3

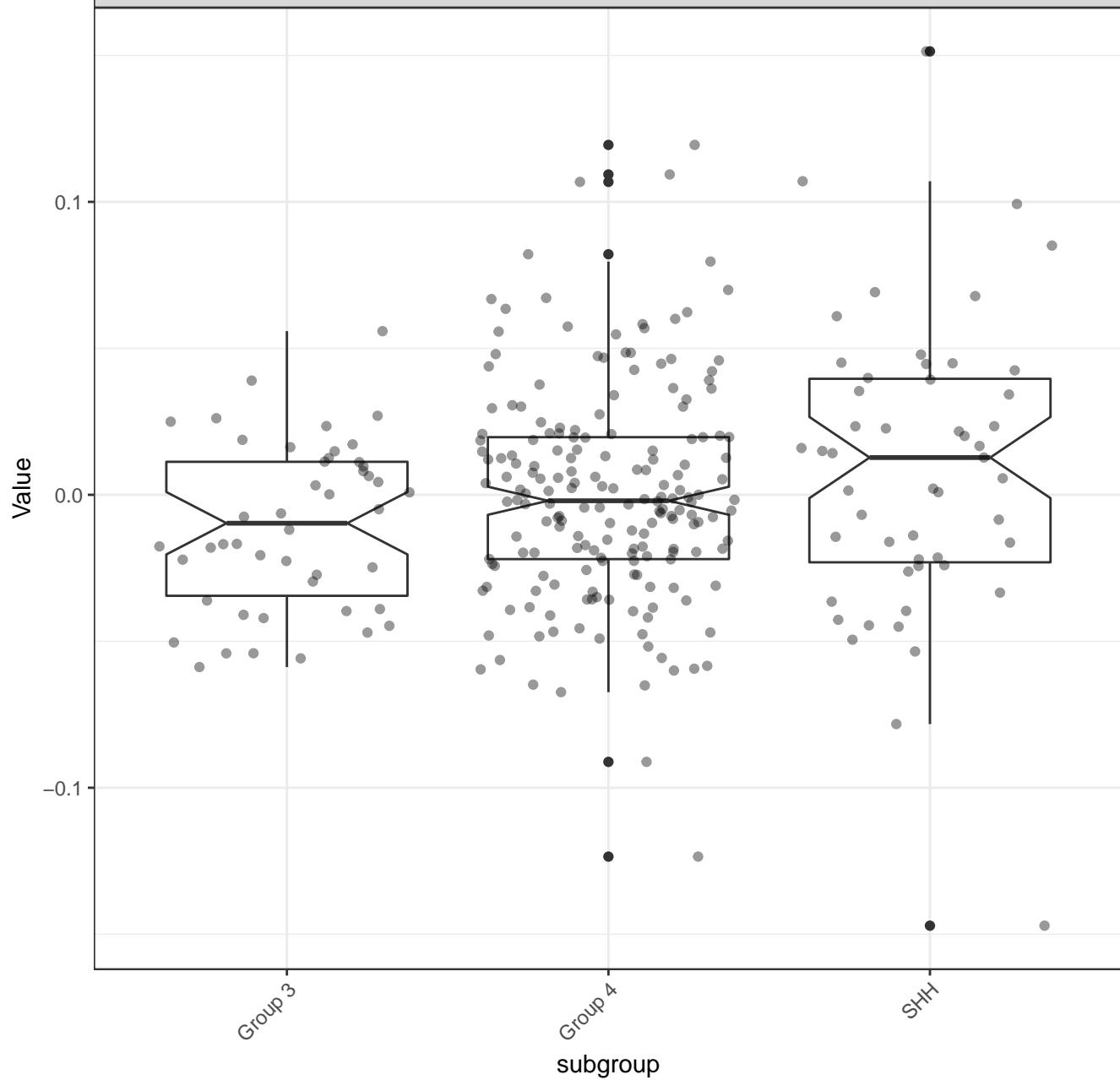
Group 4

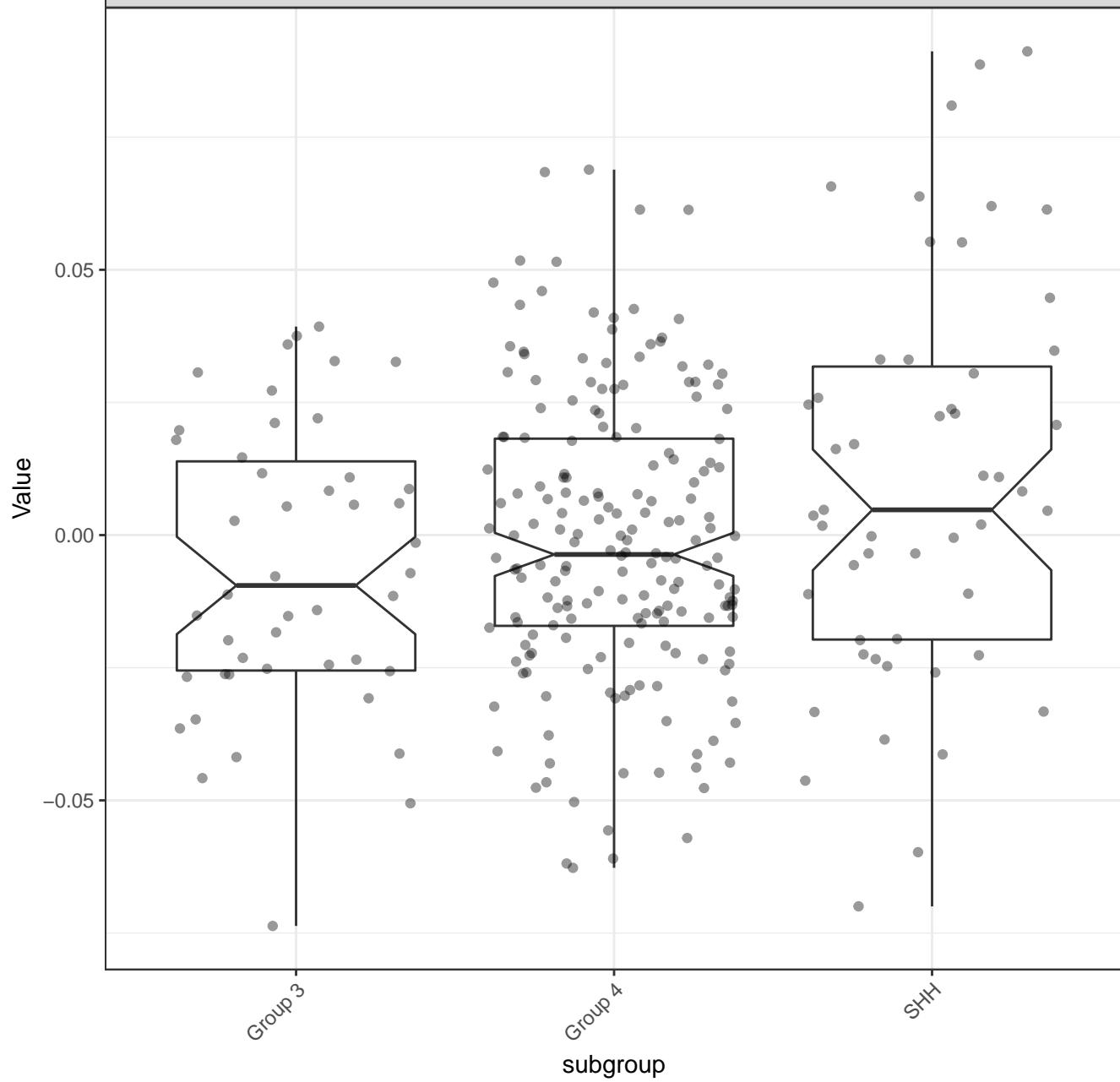
SHH

subgroup



LV 741





743,MIPS_55S_RIBOSOME_MITOCHONDRIAL

Value

0.4

0.2

0.0

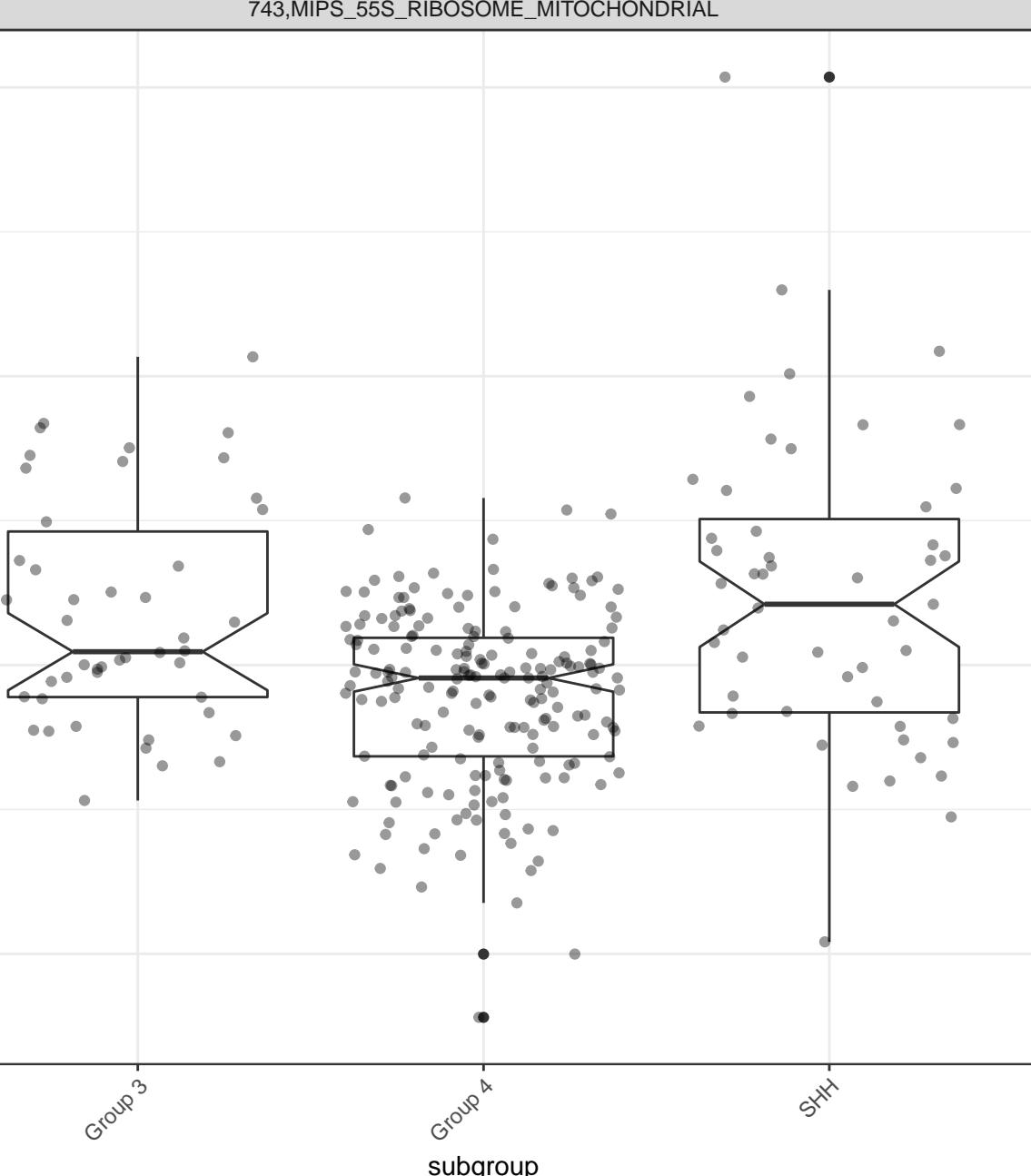
-0.2

Group 3

Group 4

SHH

subgroup



LV 744

Value

0.10

0.05

0.00

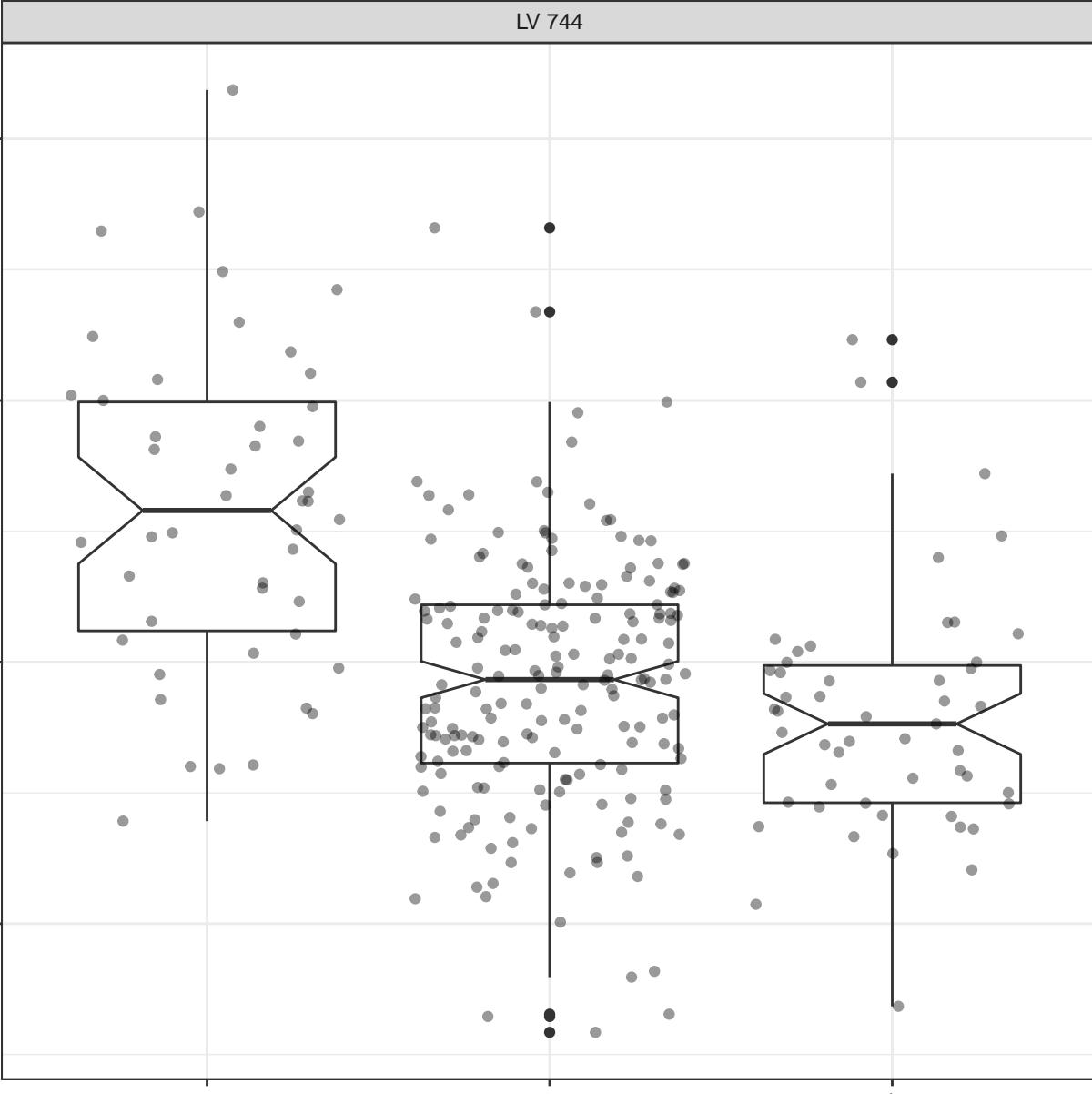
-0.05

Group 3

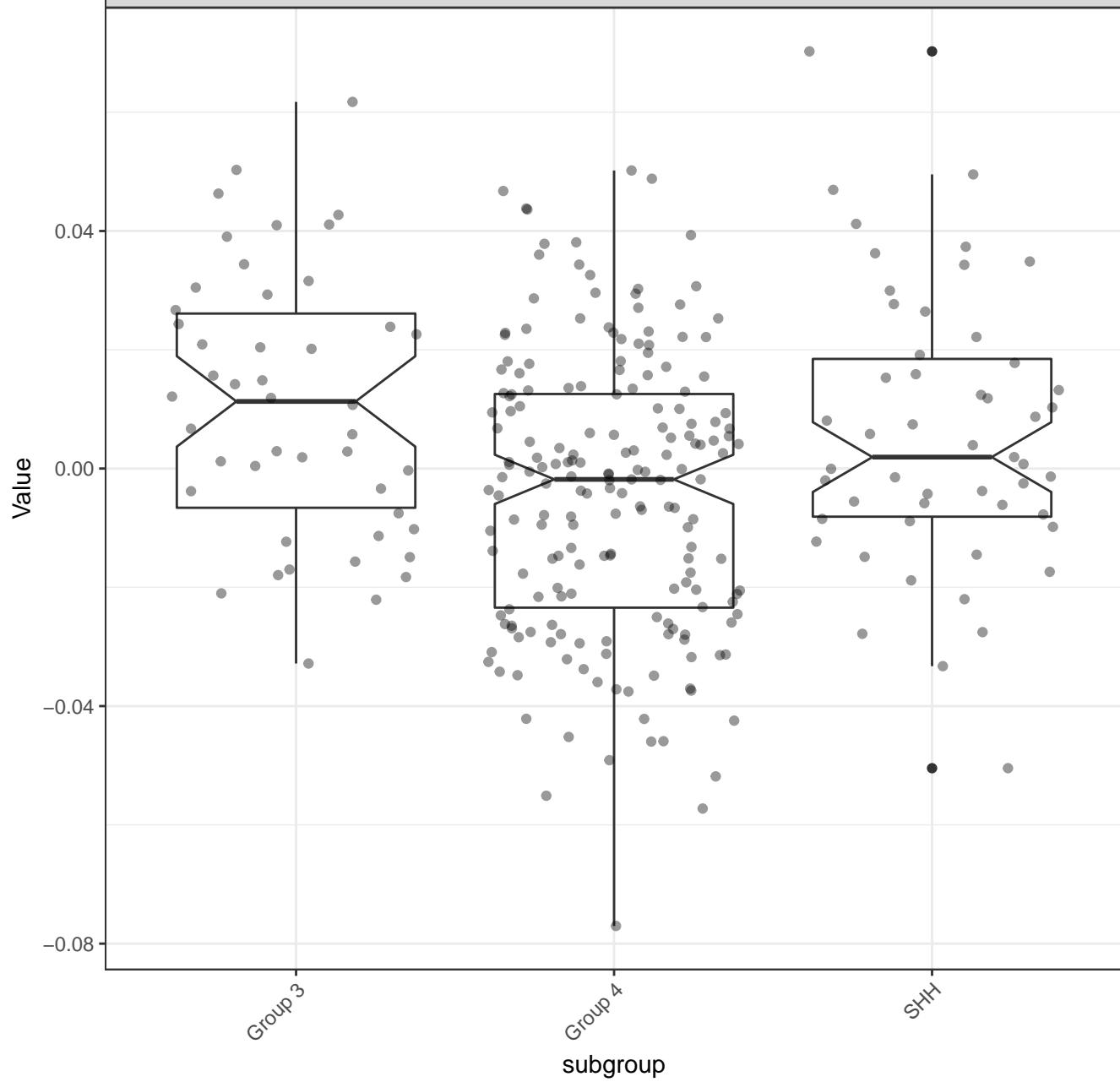
subgroup

Group 4

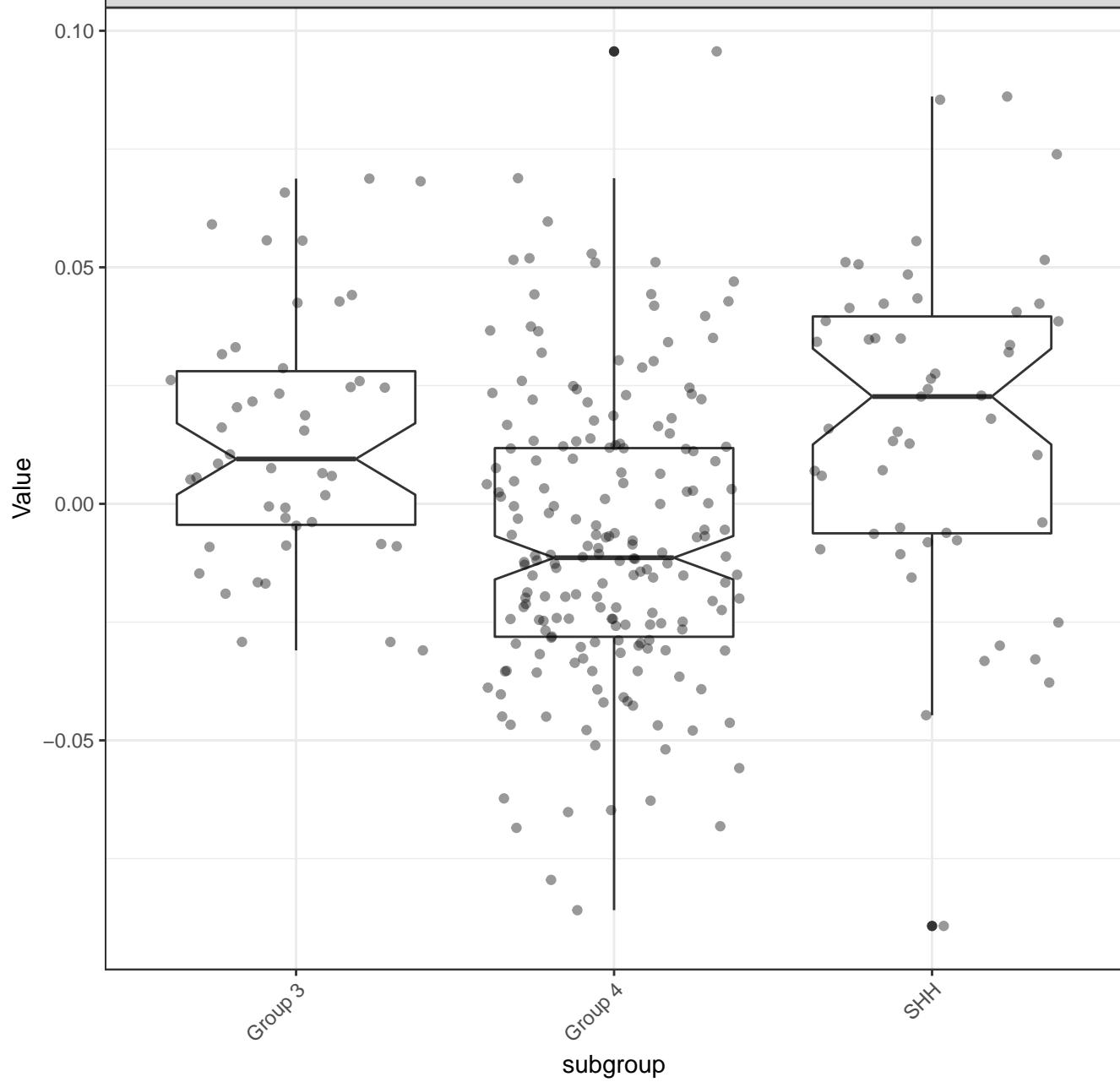
SHH

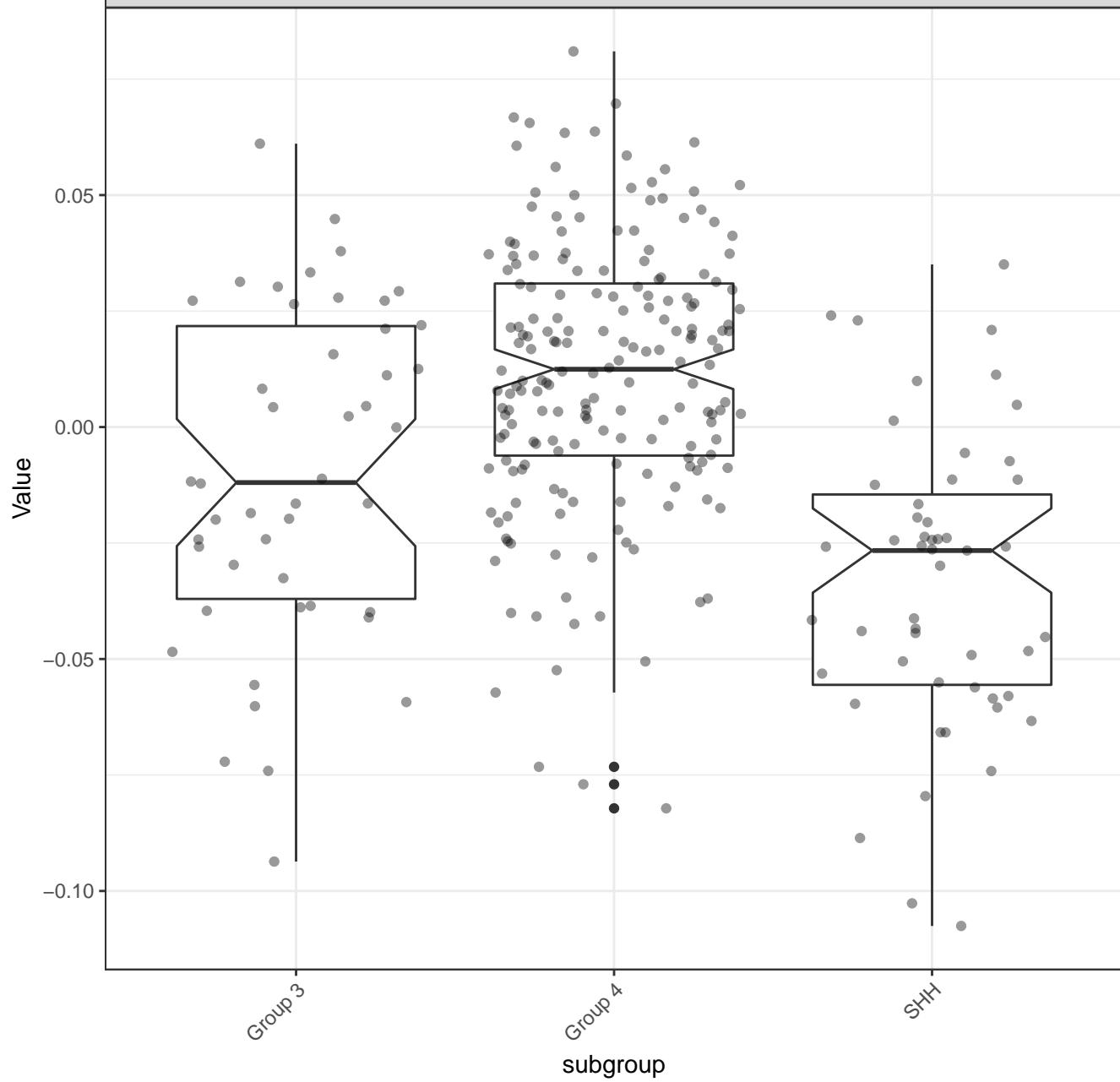


LV 745

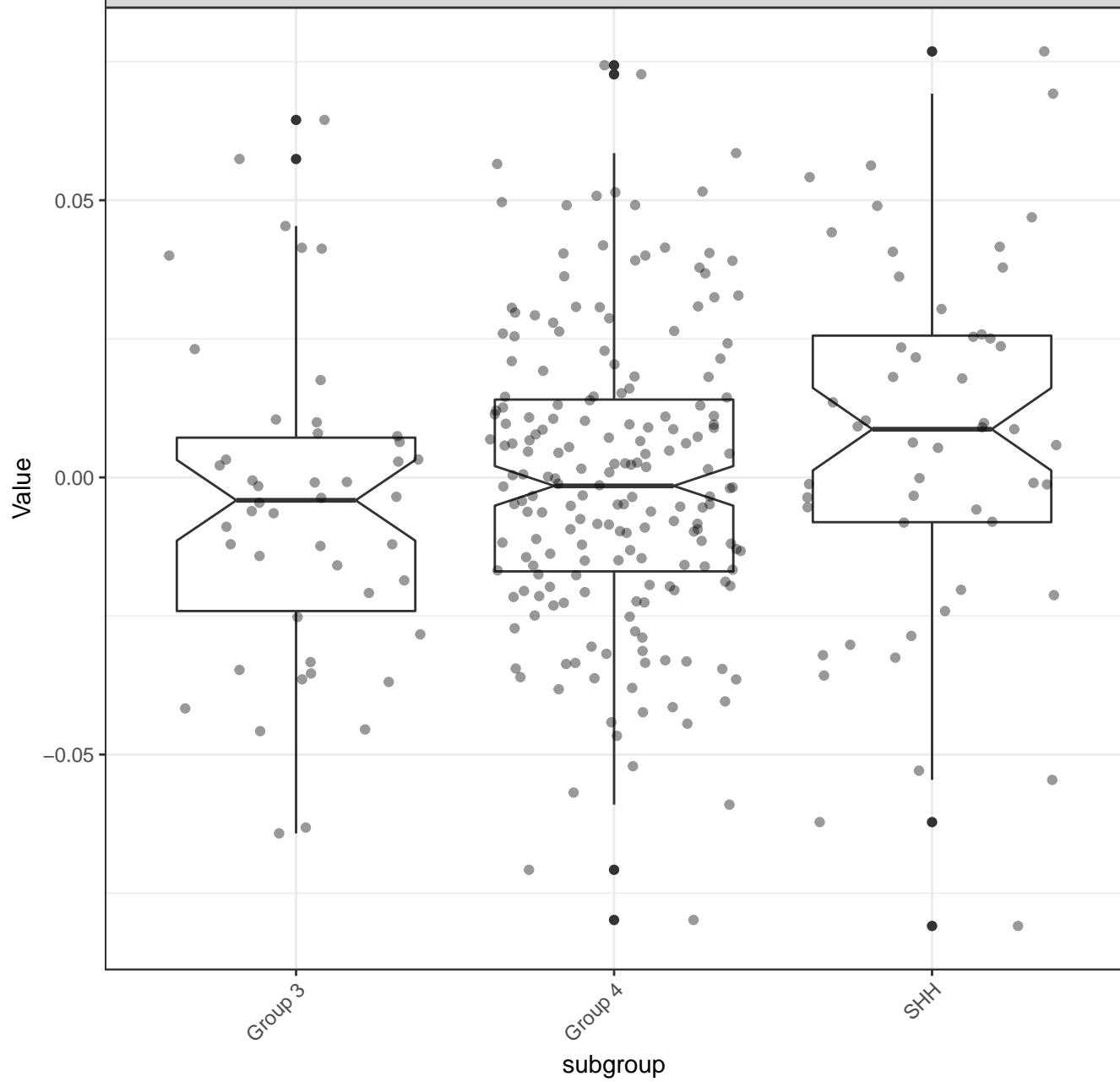


LV 746





LV 748



LV 749

Value

0.10

0.05

0.00

-0.05

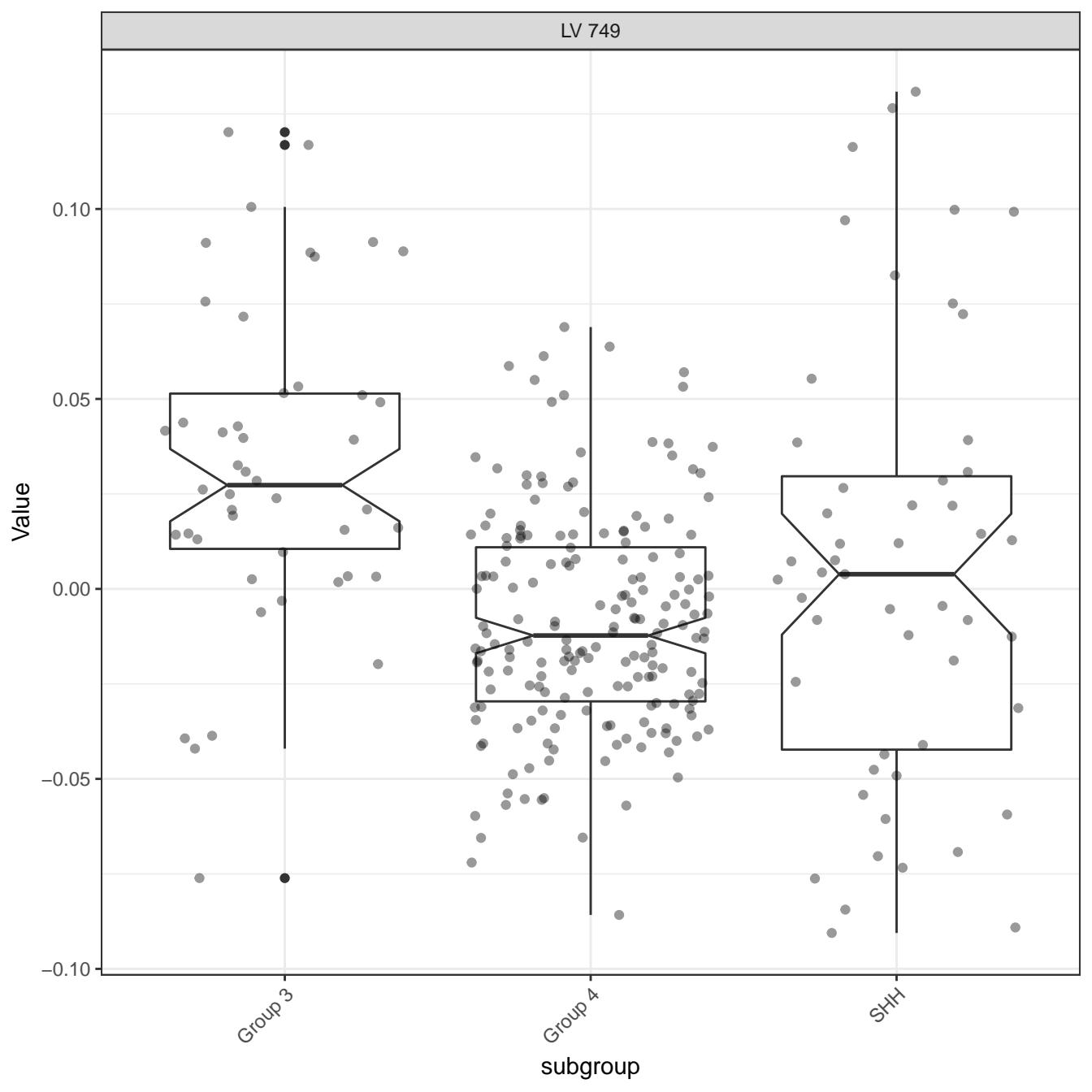
-0.10

Group 3

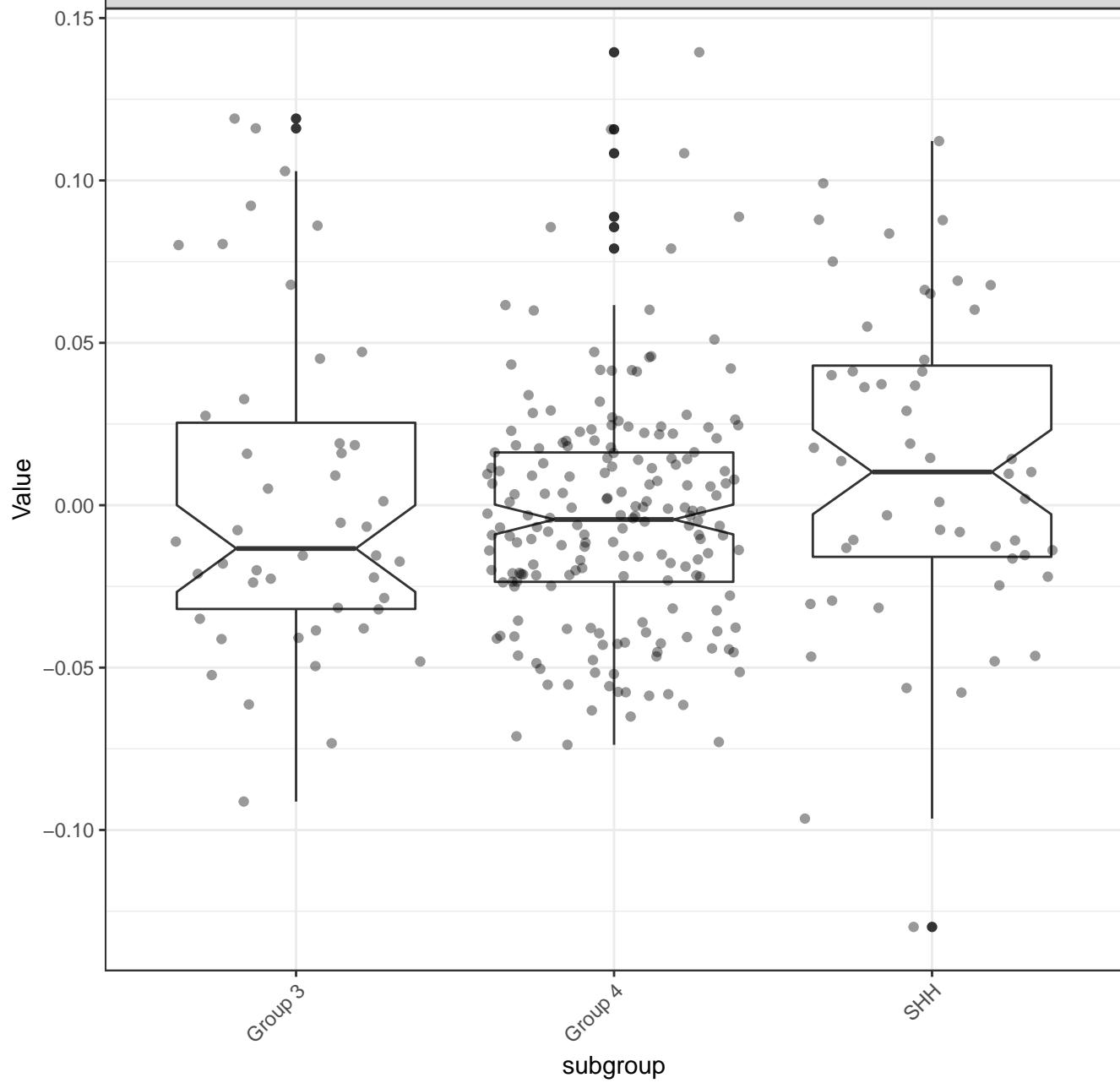
subgroup

SHH

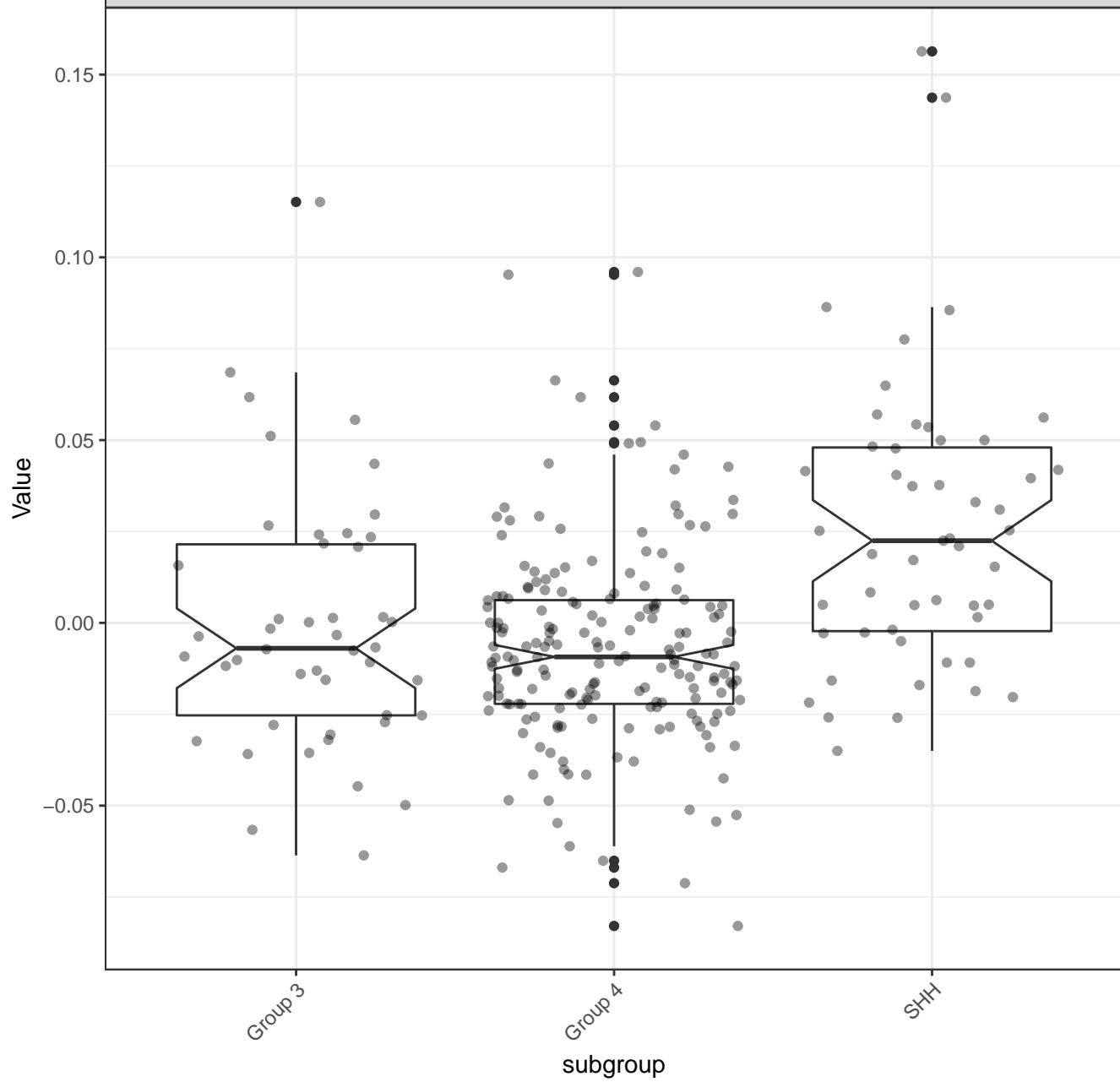
Group 4



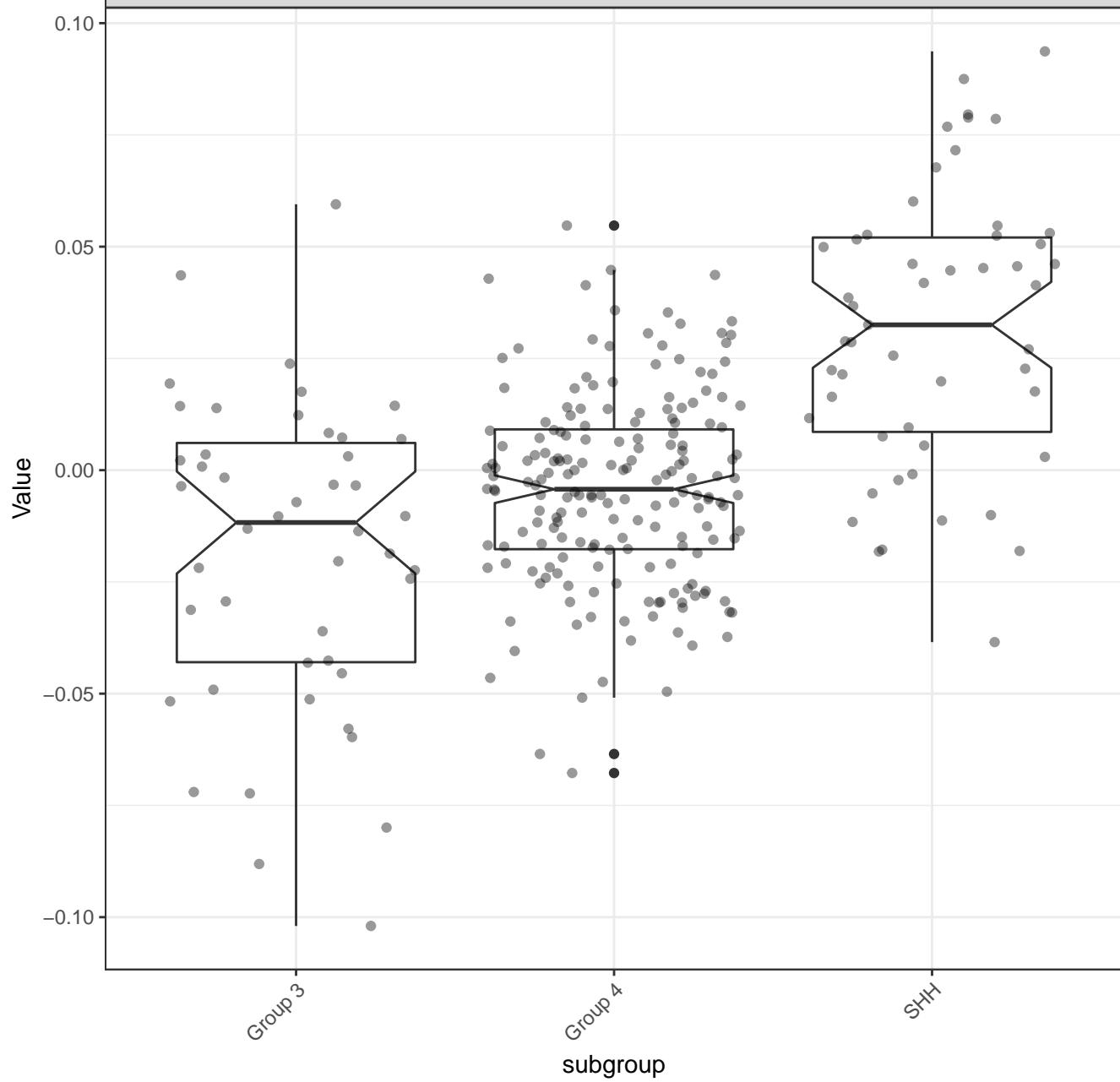
750,KEGG_RIBOSOME



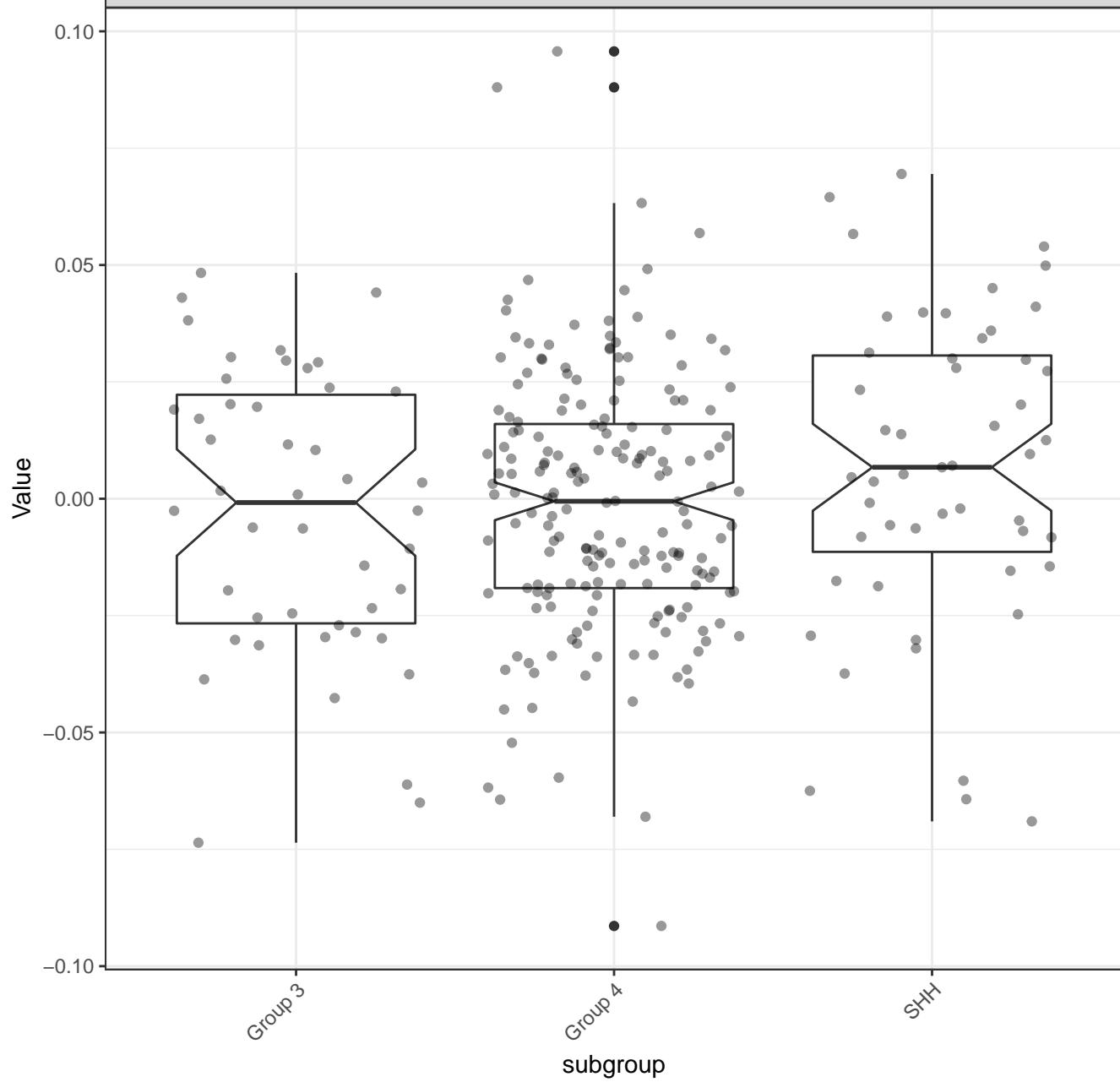
LV 751



LV 752



LV 753



LV 754

Value

0.05

0.00

-0.05

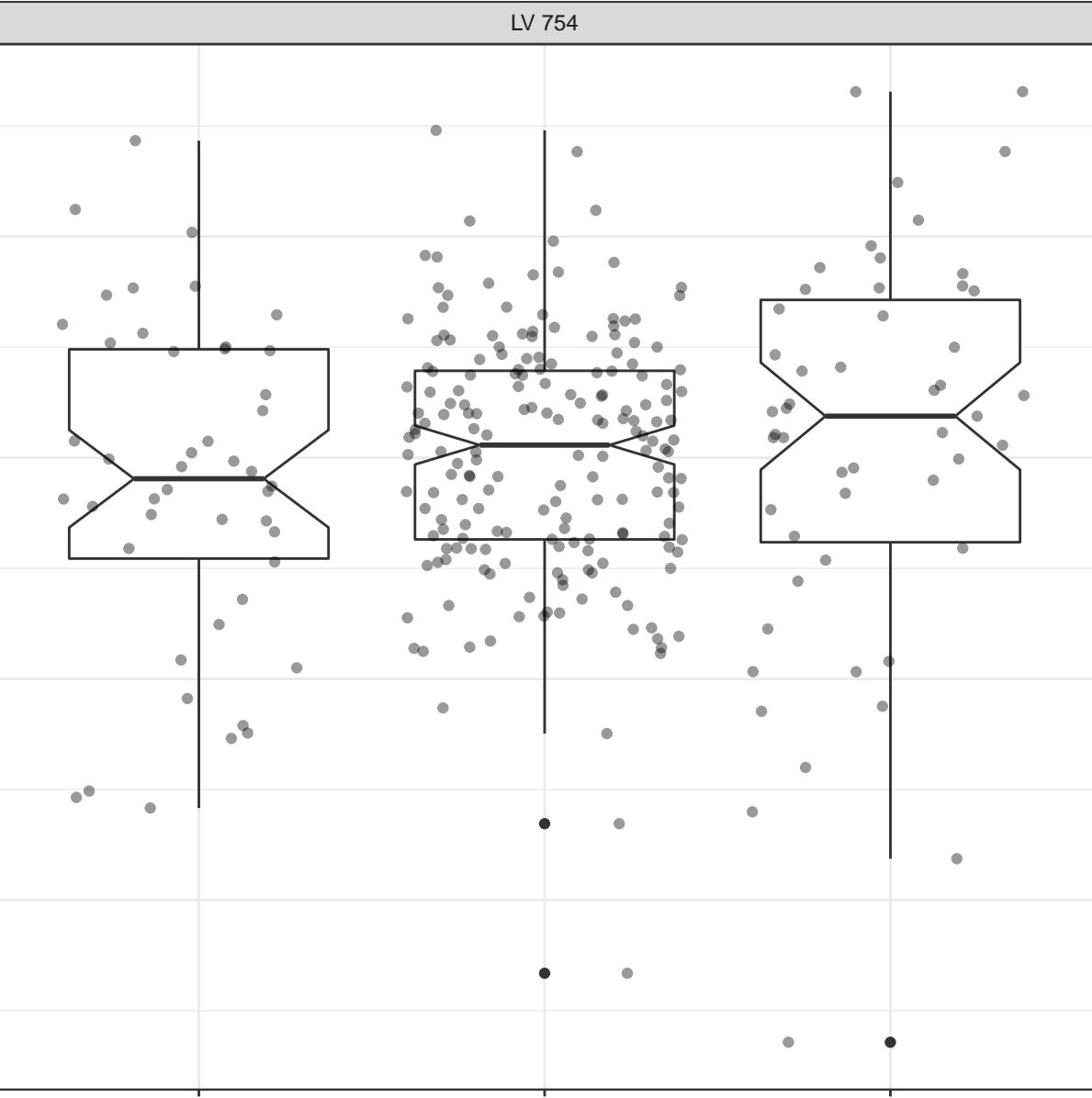
-0.10

Group 3

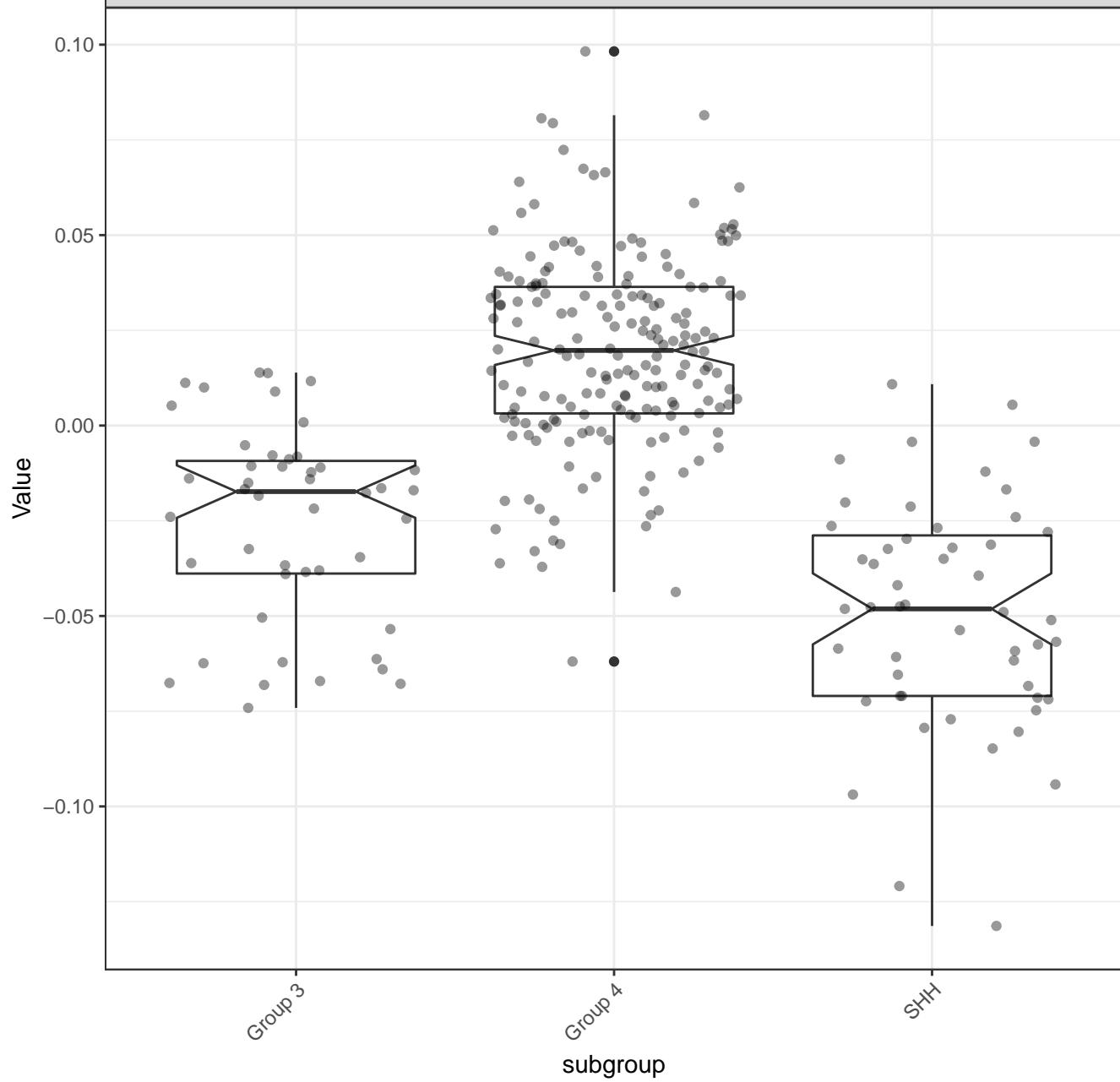
subgroup

Group 4

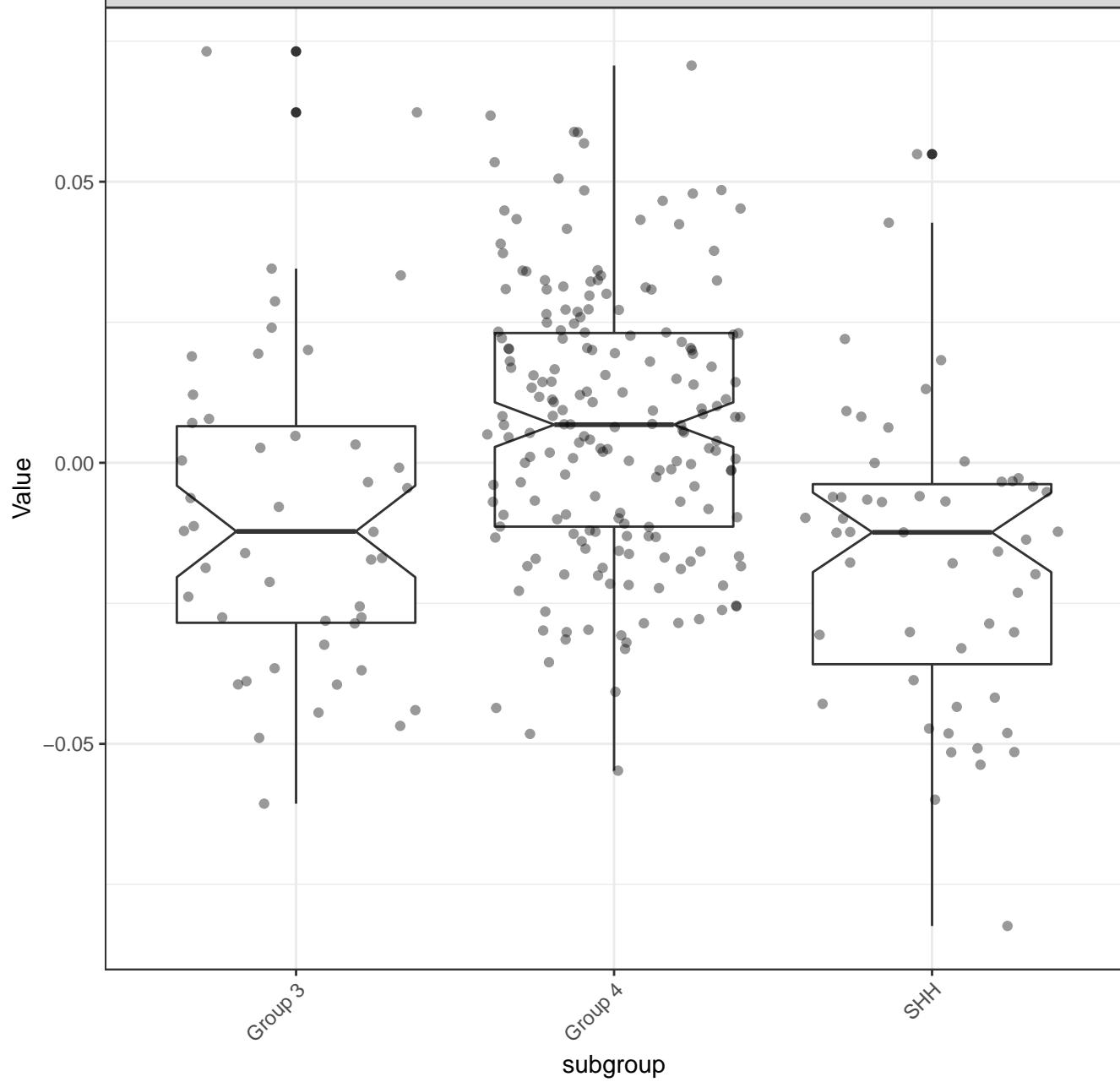
SHH



LV 755



LV 756



LV 757

Value

0.05

0.00

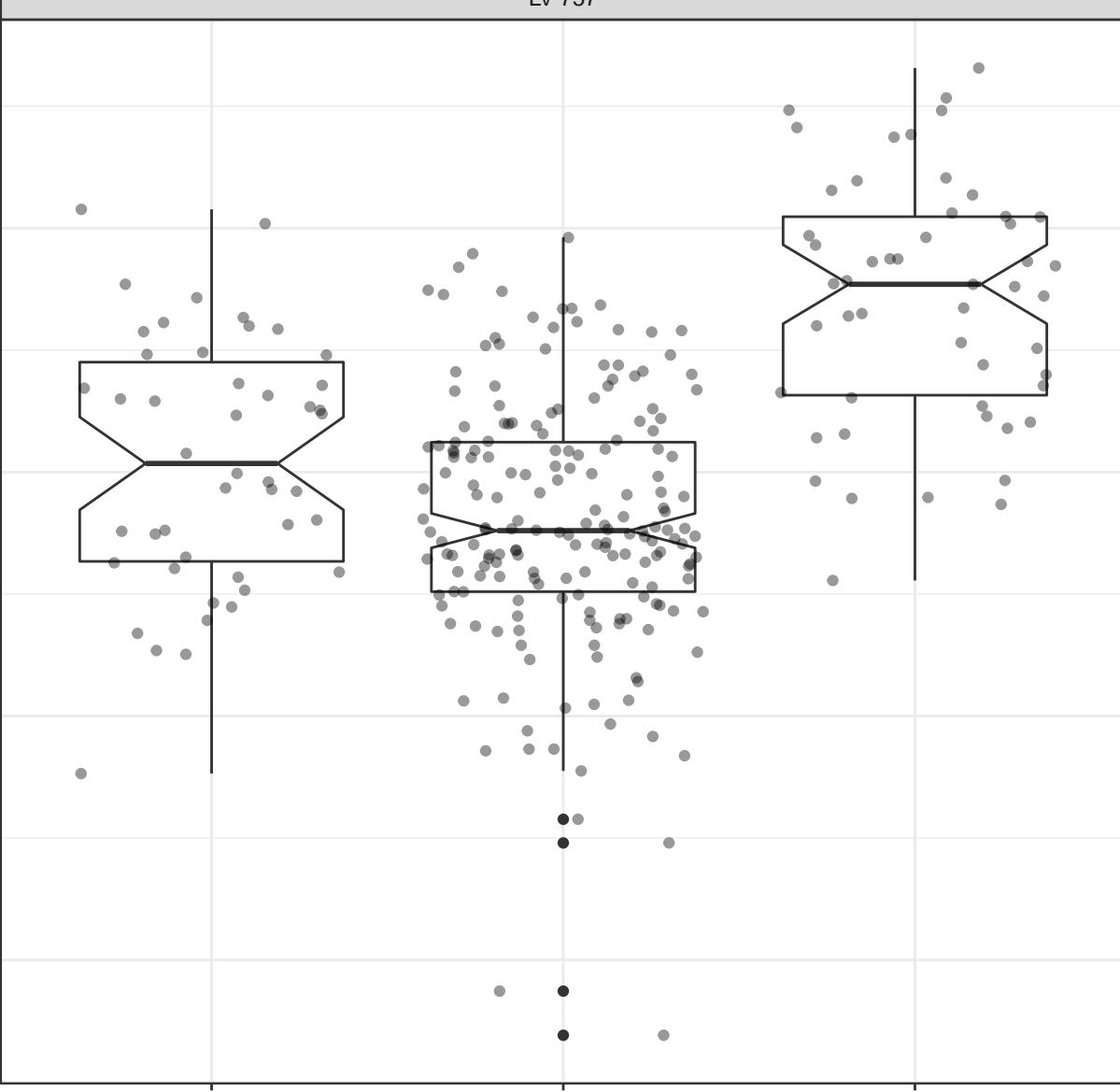
-0.05

-0.10

Group 3

subgroup

SHH



LV 758

Value

0.10

0.05

0.00

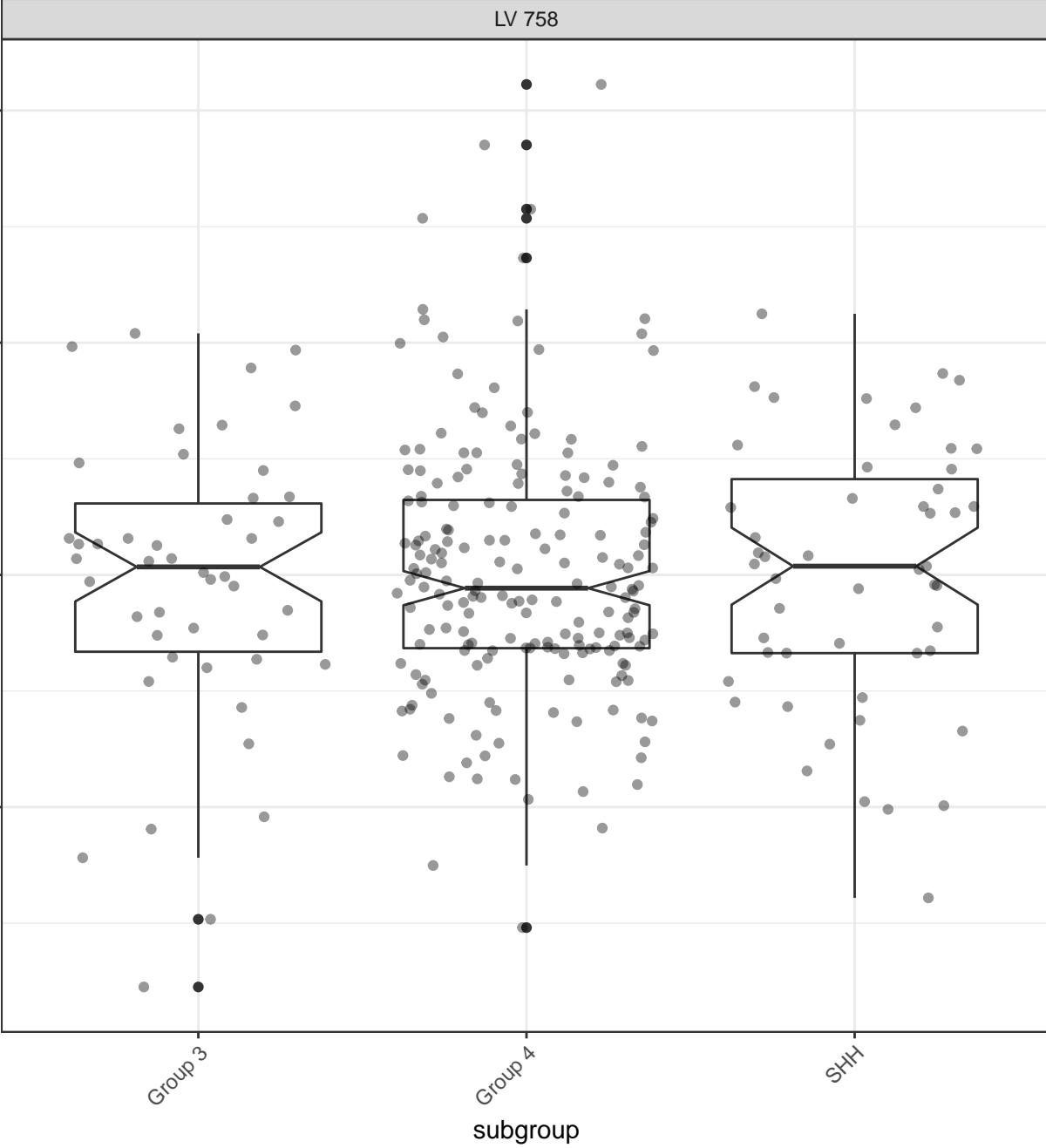
-0.05

Group 3

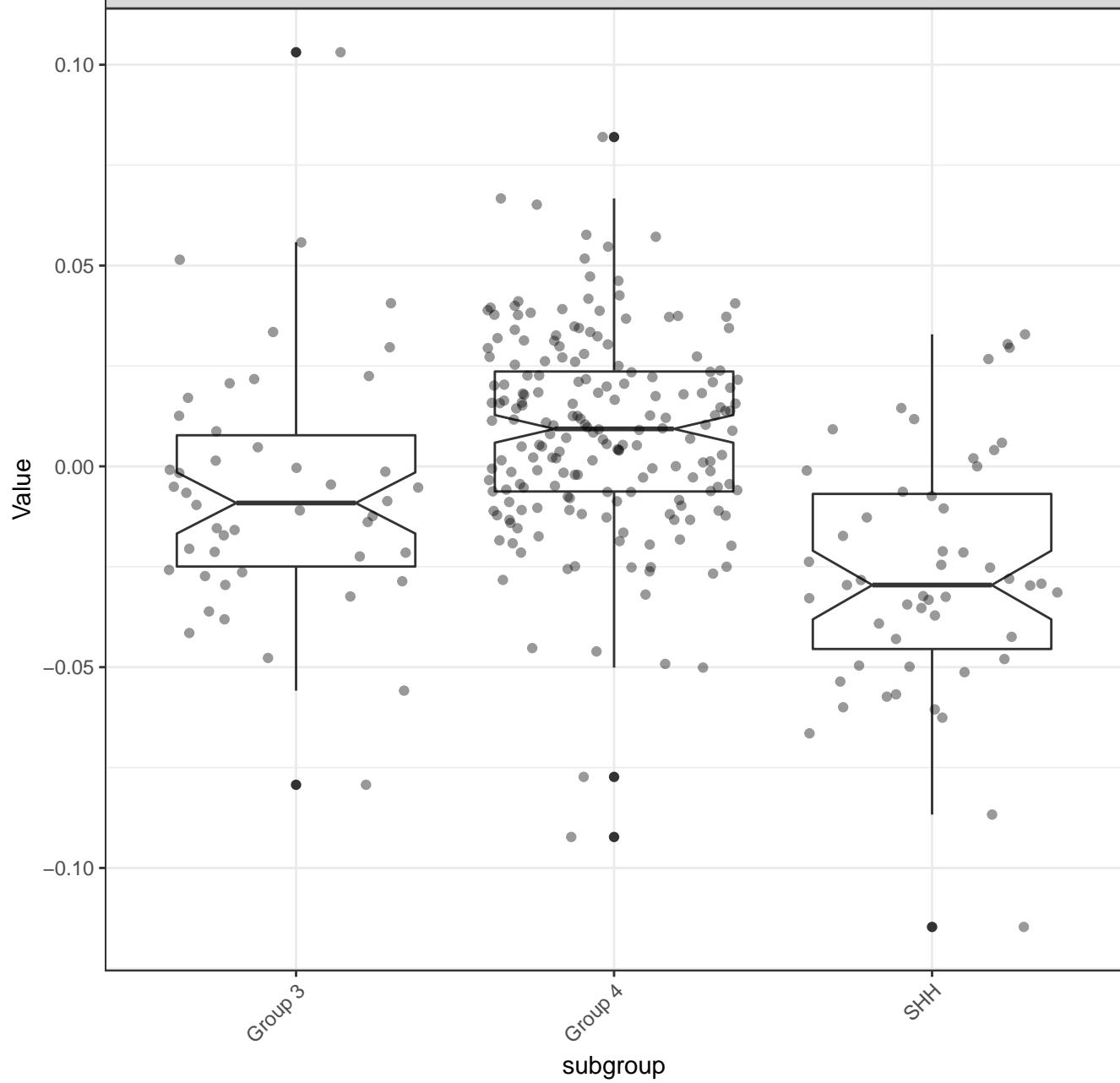
Group 4

SHH

subgroup



LV 759



LV 760

Value

0.05

0.00

-0.05

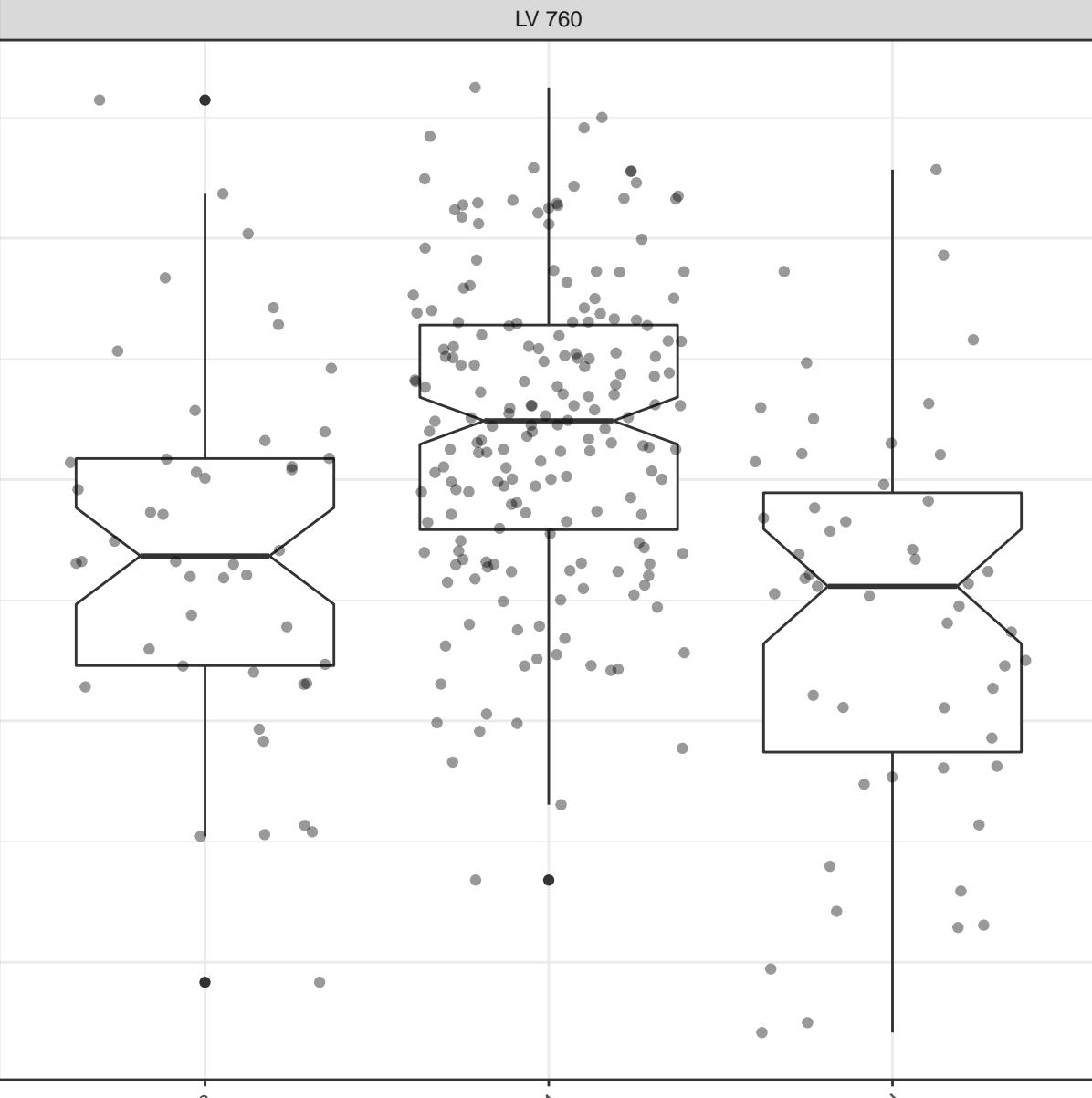
-0.10

Group 3

subgroup

Group 4

SHH



LV 761

Value

0.05

0.00

-0.05

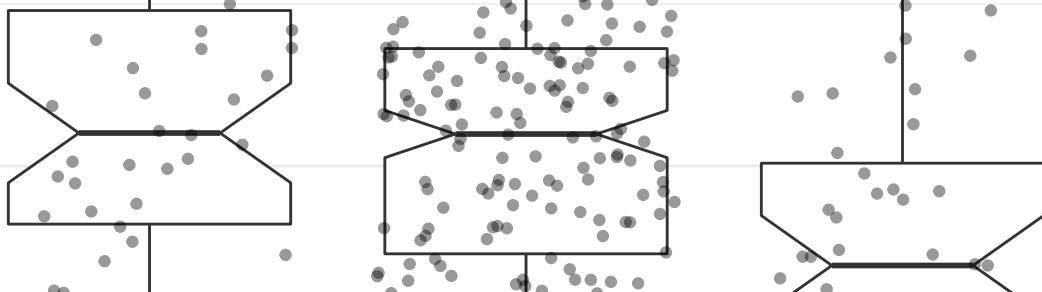
-0.10

Group 3

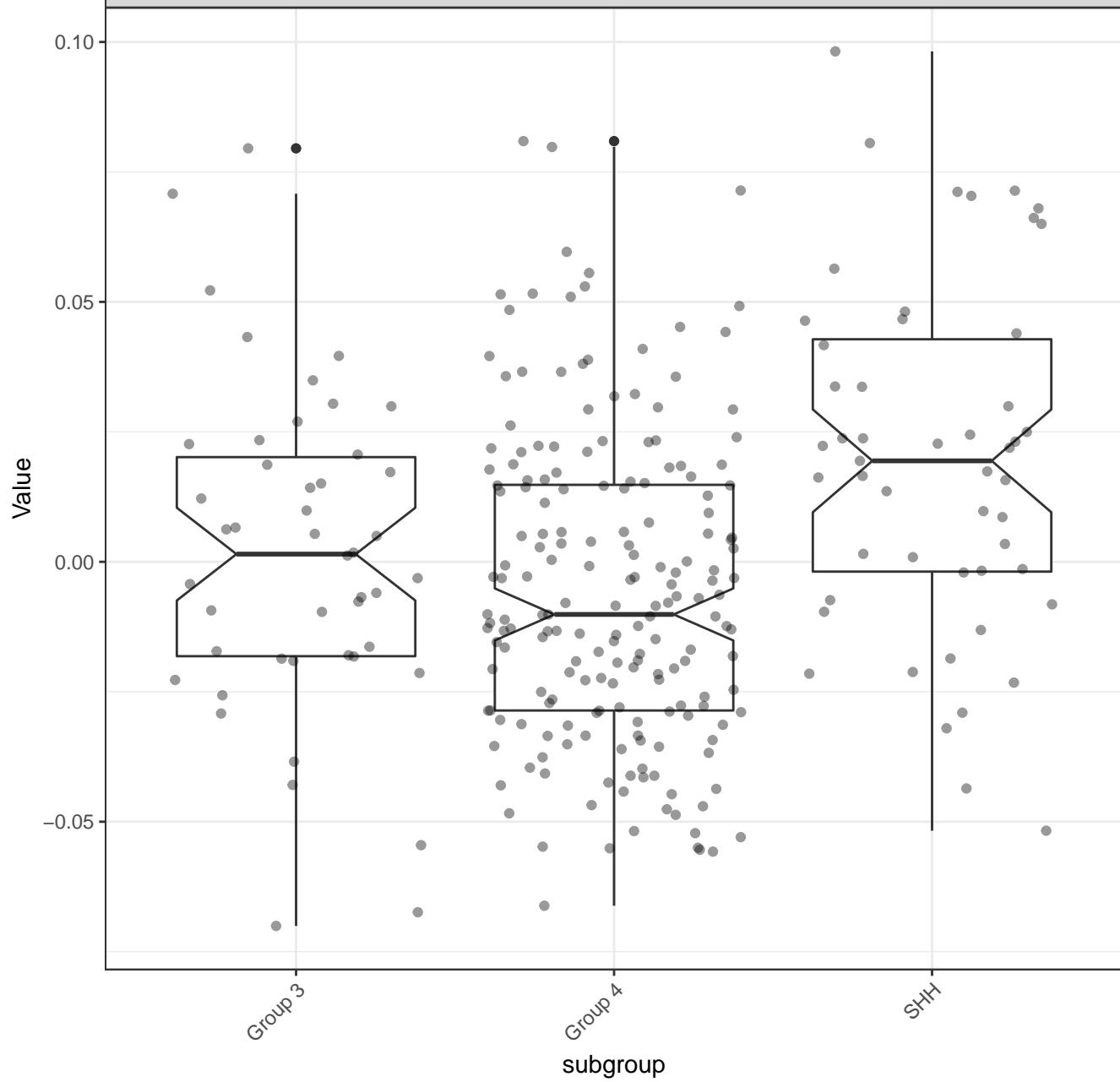
subgroup

Group 4

SHH



LV 762



LV 763

Value

0.05

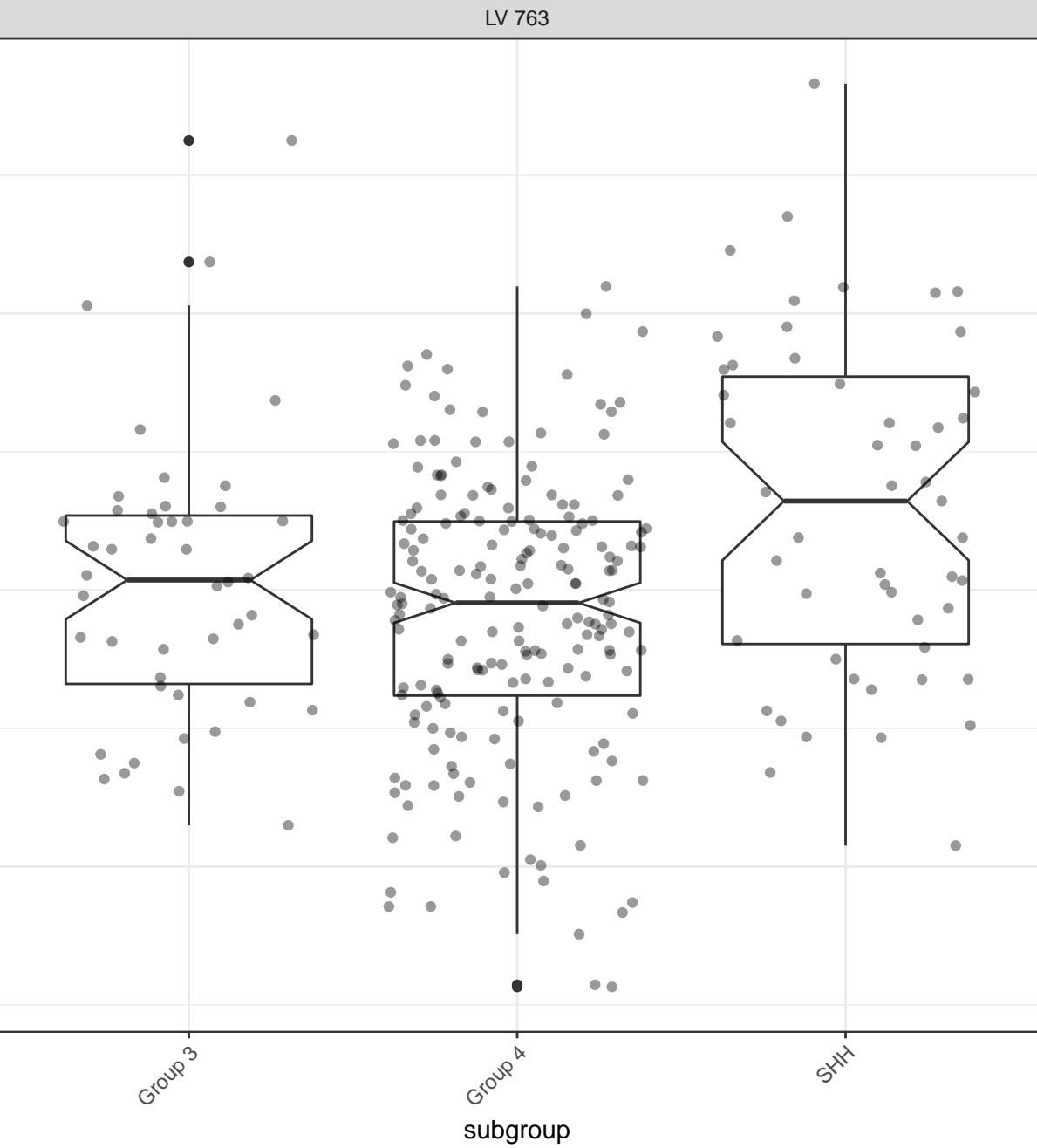
0.00

-0.05

Group 3

subgroup

SHH



LV 764

Value

0.05

0.01

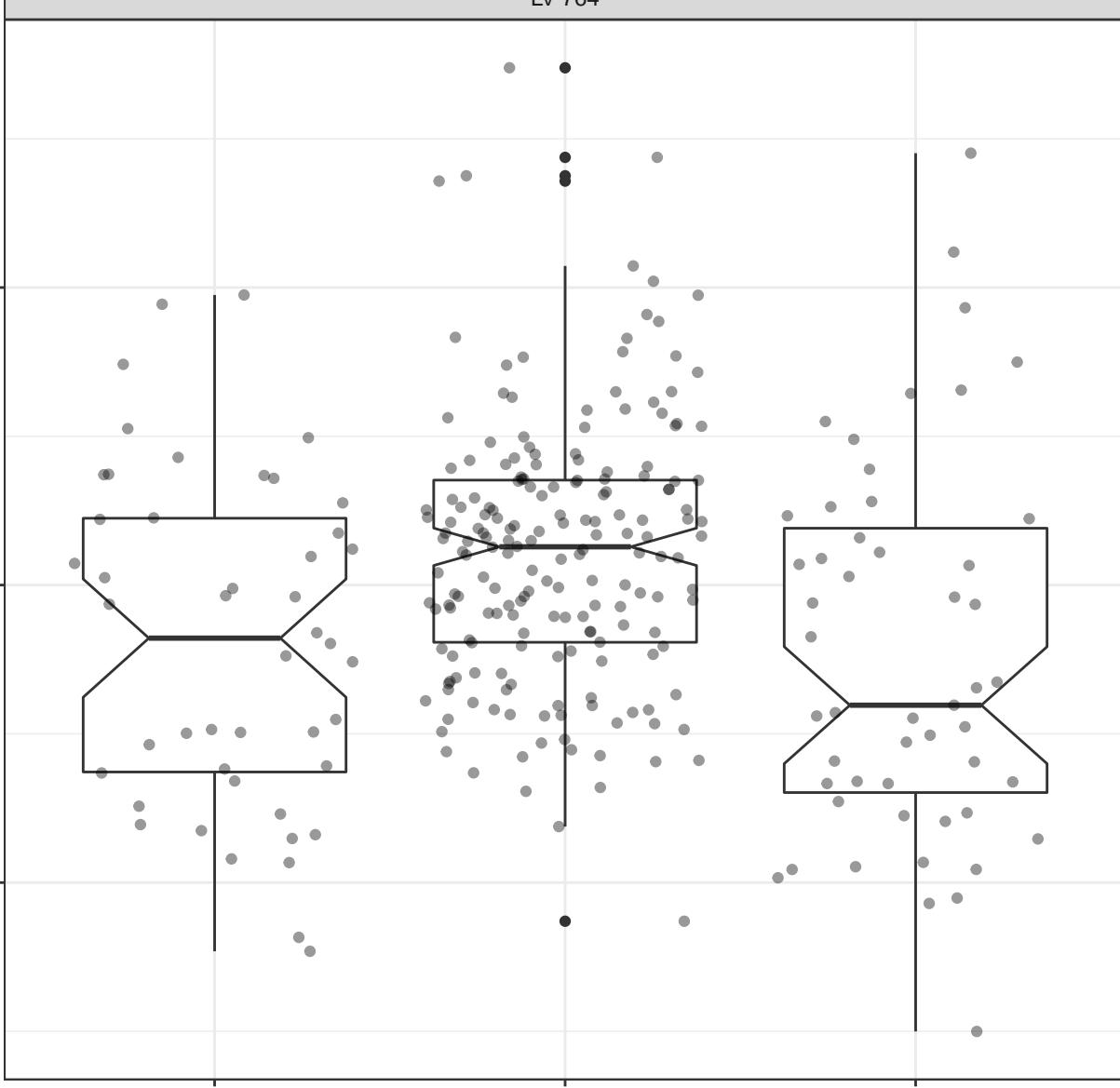
-0.05

Group 3

Group 4

SHH

subgroup



765,SVM NK cells resting

Value

0.10

0.05

0.00

-0.05

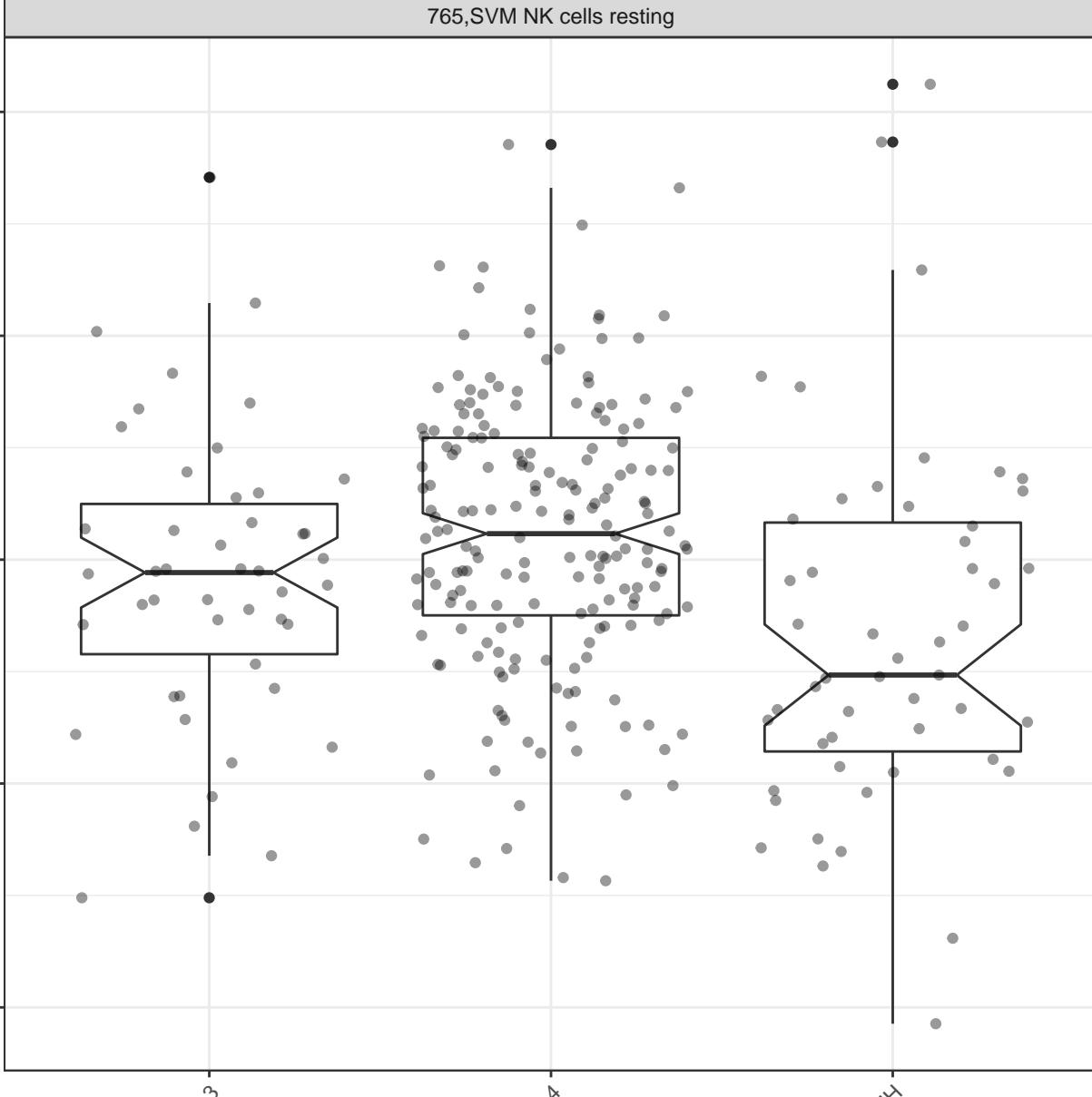
-0.10

Group 3

Group 4

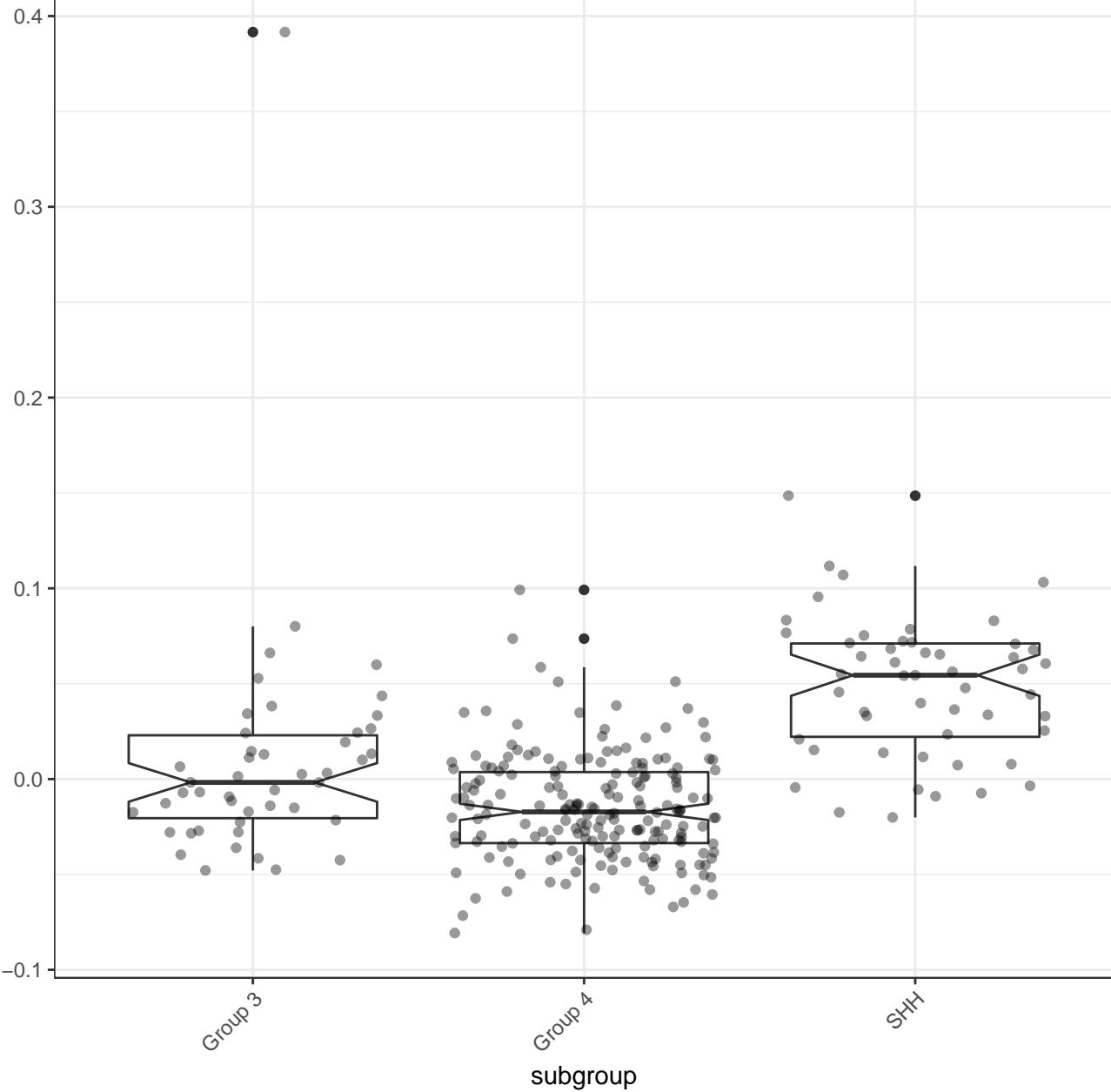
SHH

subgroup

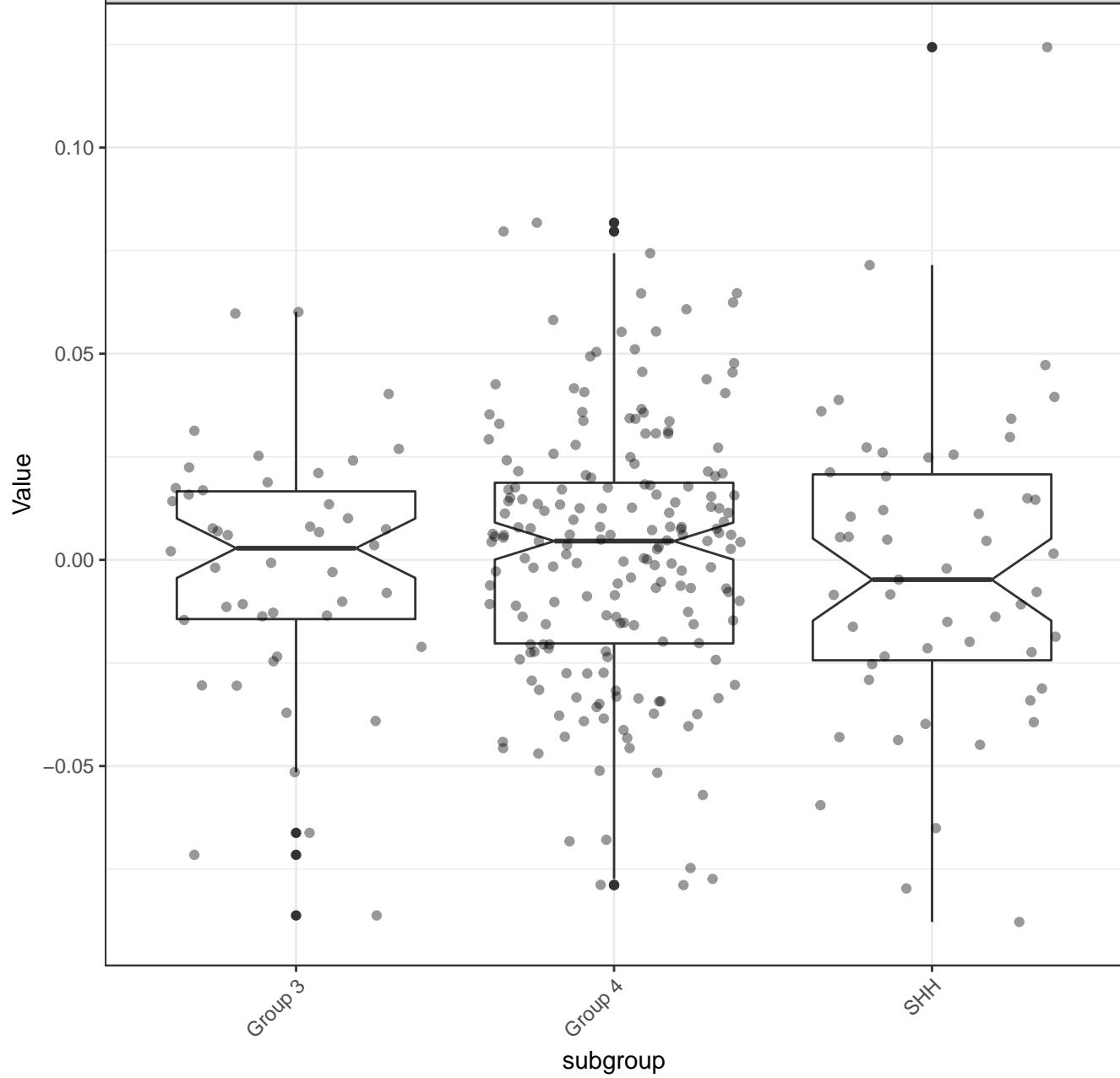


766,KEGG_DILATED_CARDIOMYOPATHY

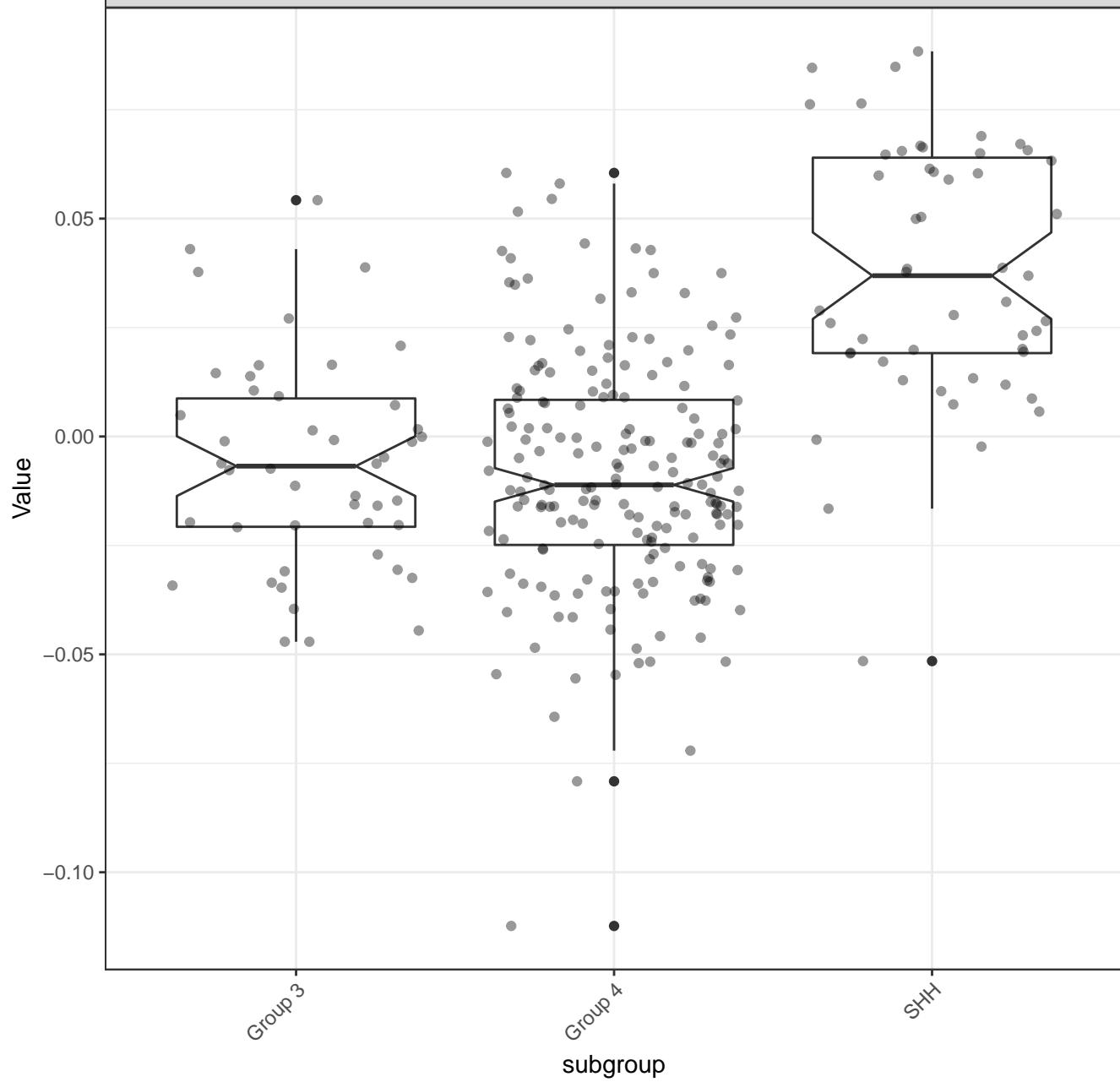
Value



767,SVM B cells naive



LV 768



LV 769

Value

0.10

0.05

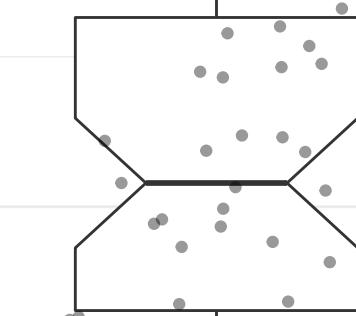
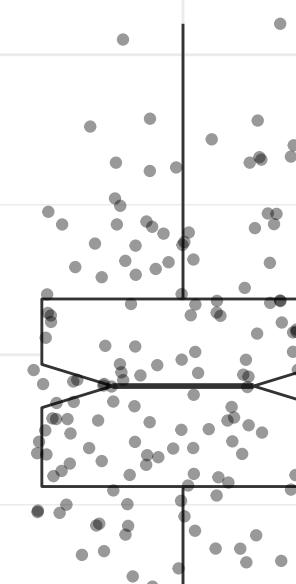
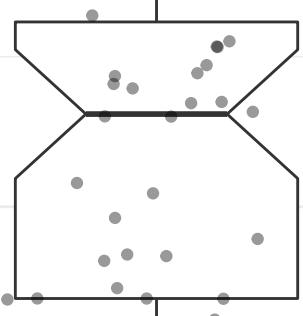
0.00

-0.05

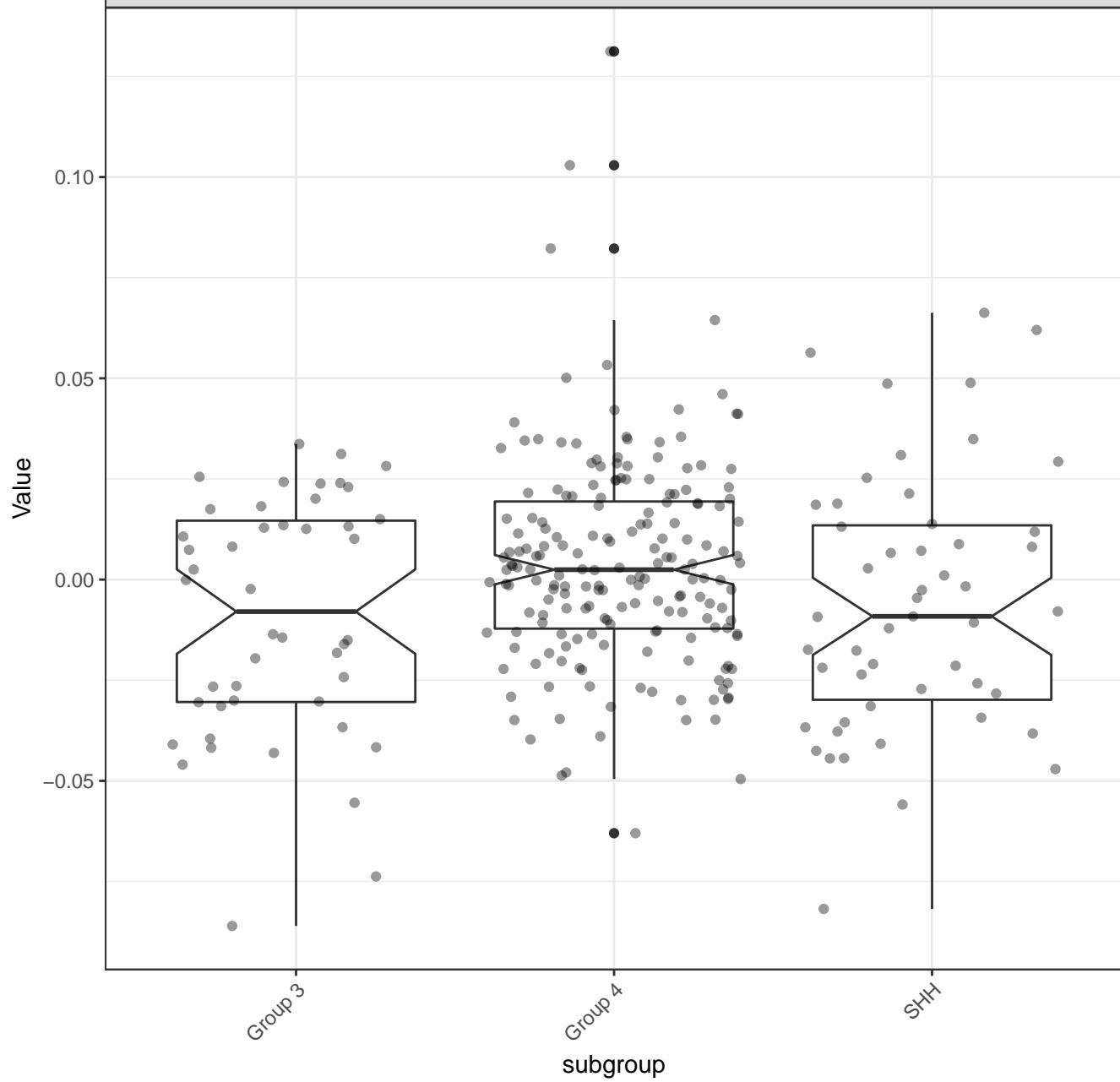
Group 3

subgroup

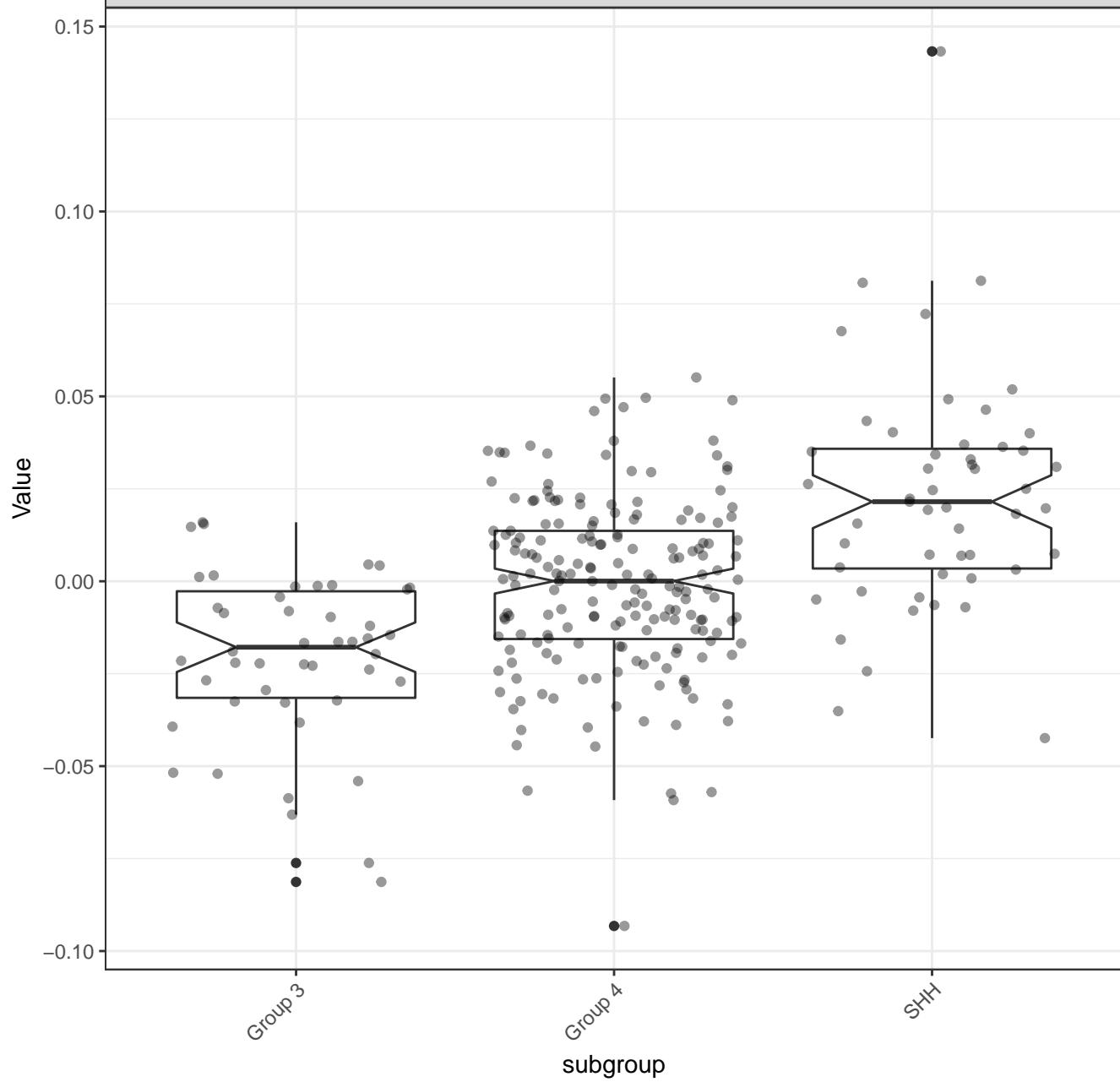
SHH



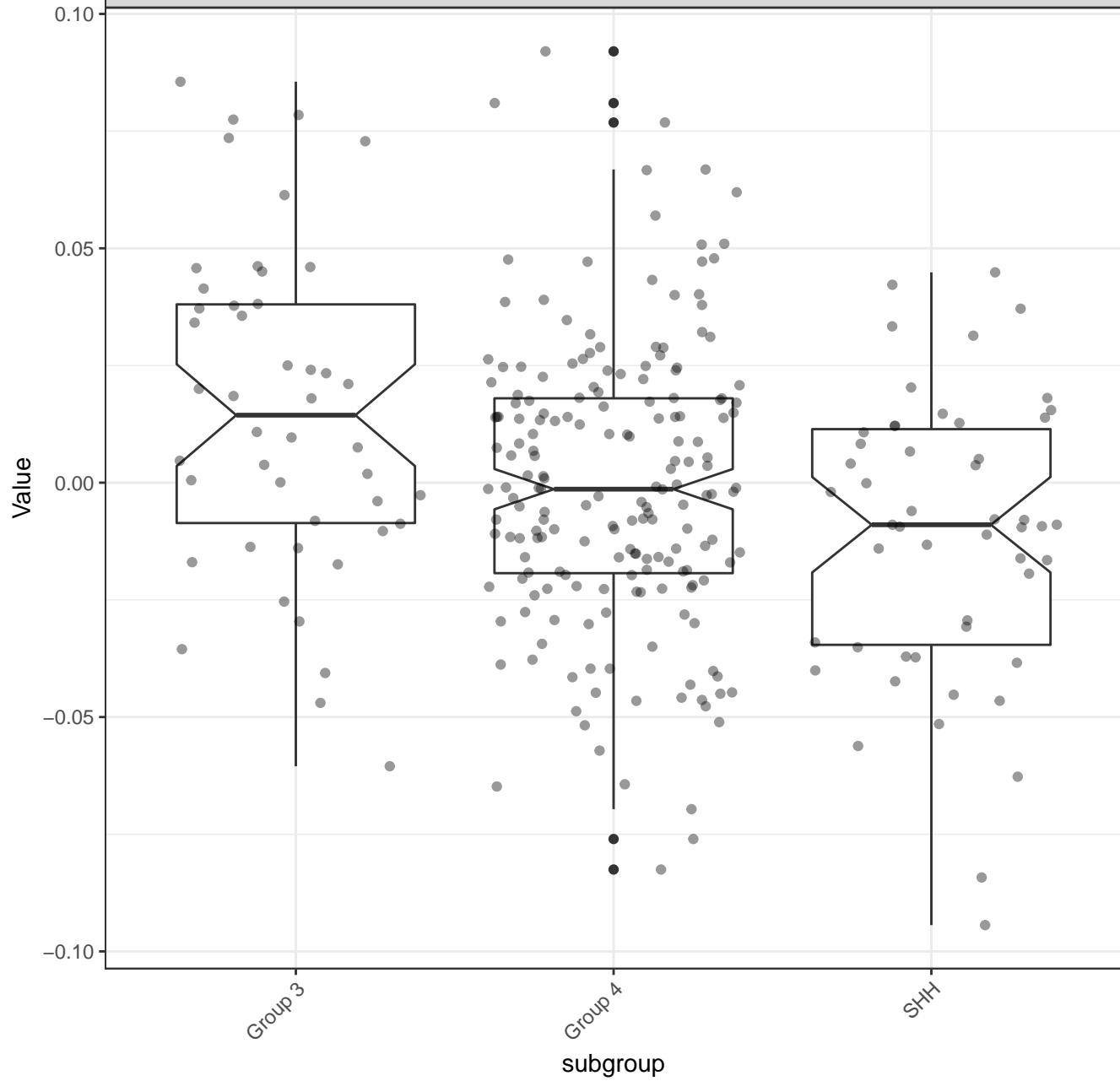
LV 770

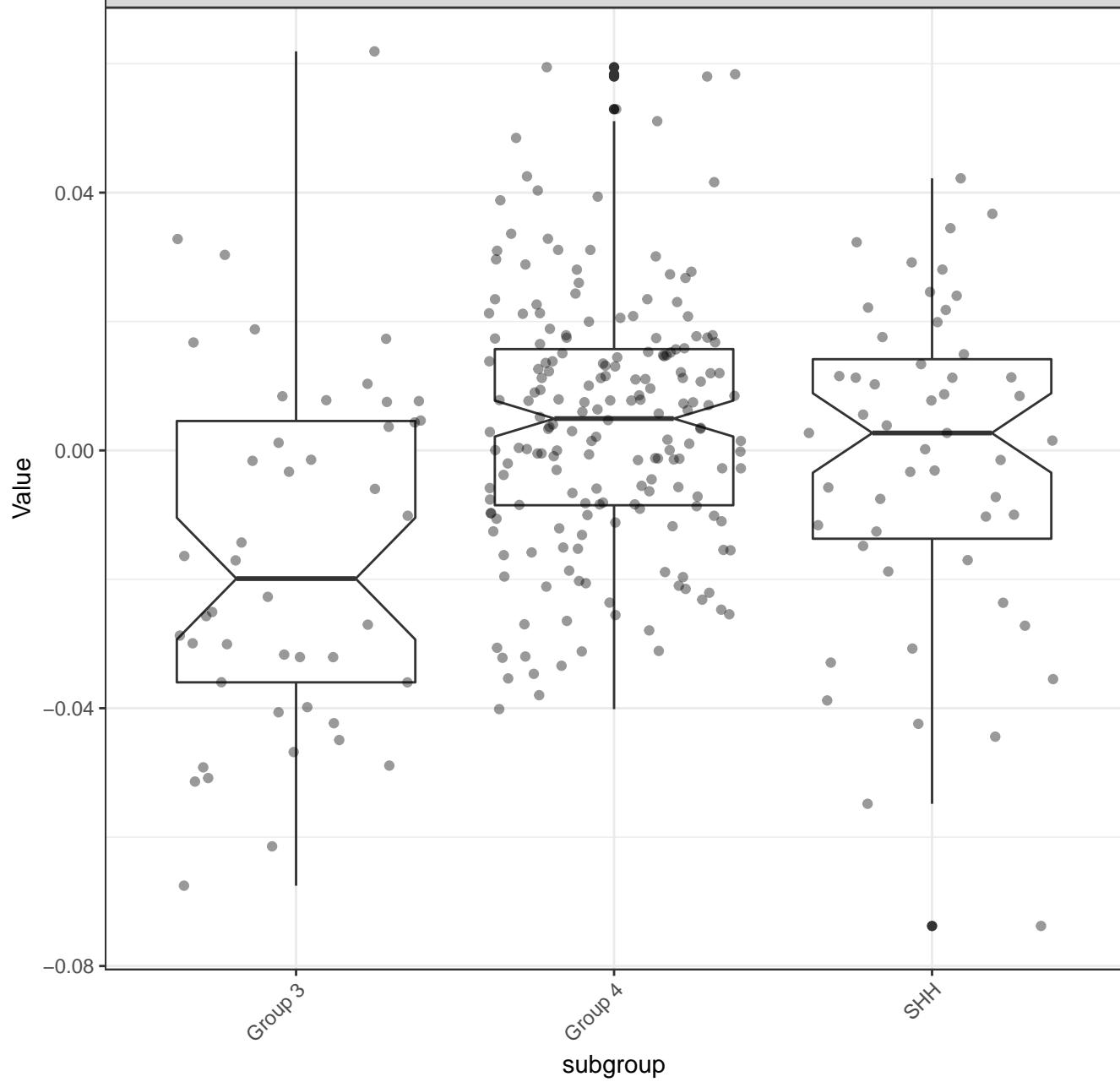


LV 771

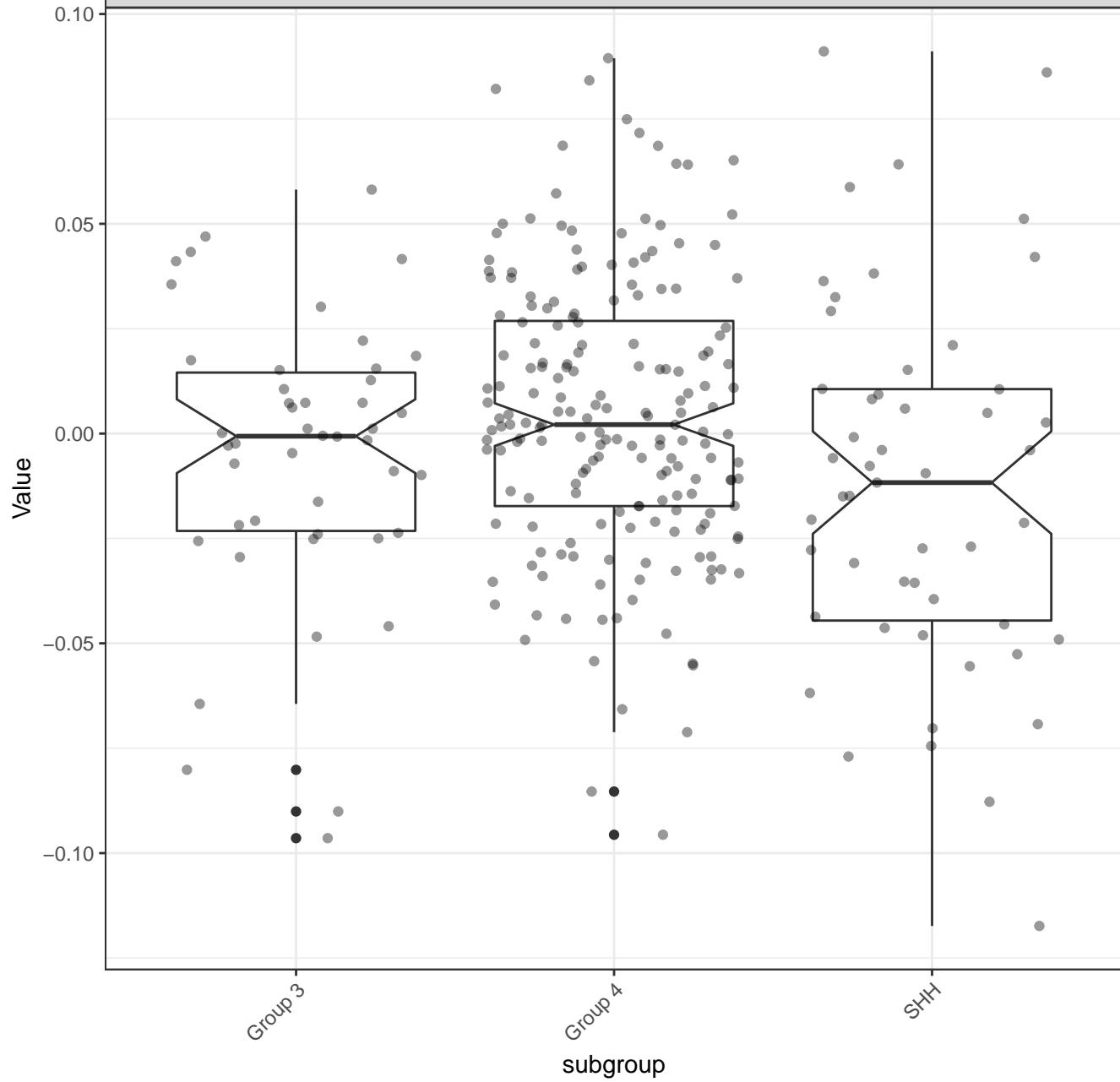


LV 772

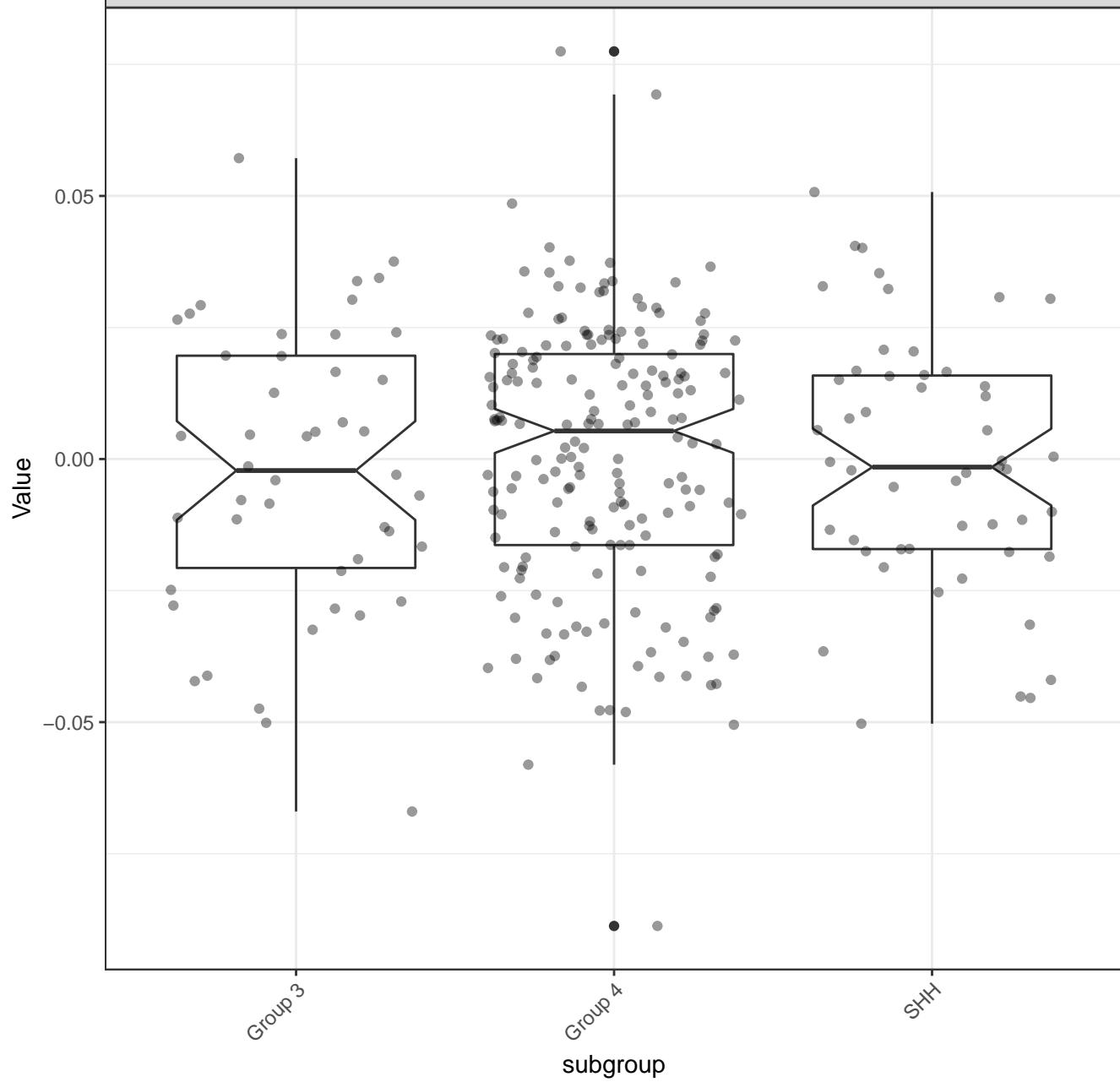




LV 774



LV 775



LV 776

Value

0.10

0.05

0.00

-0.05

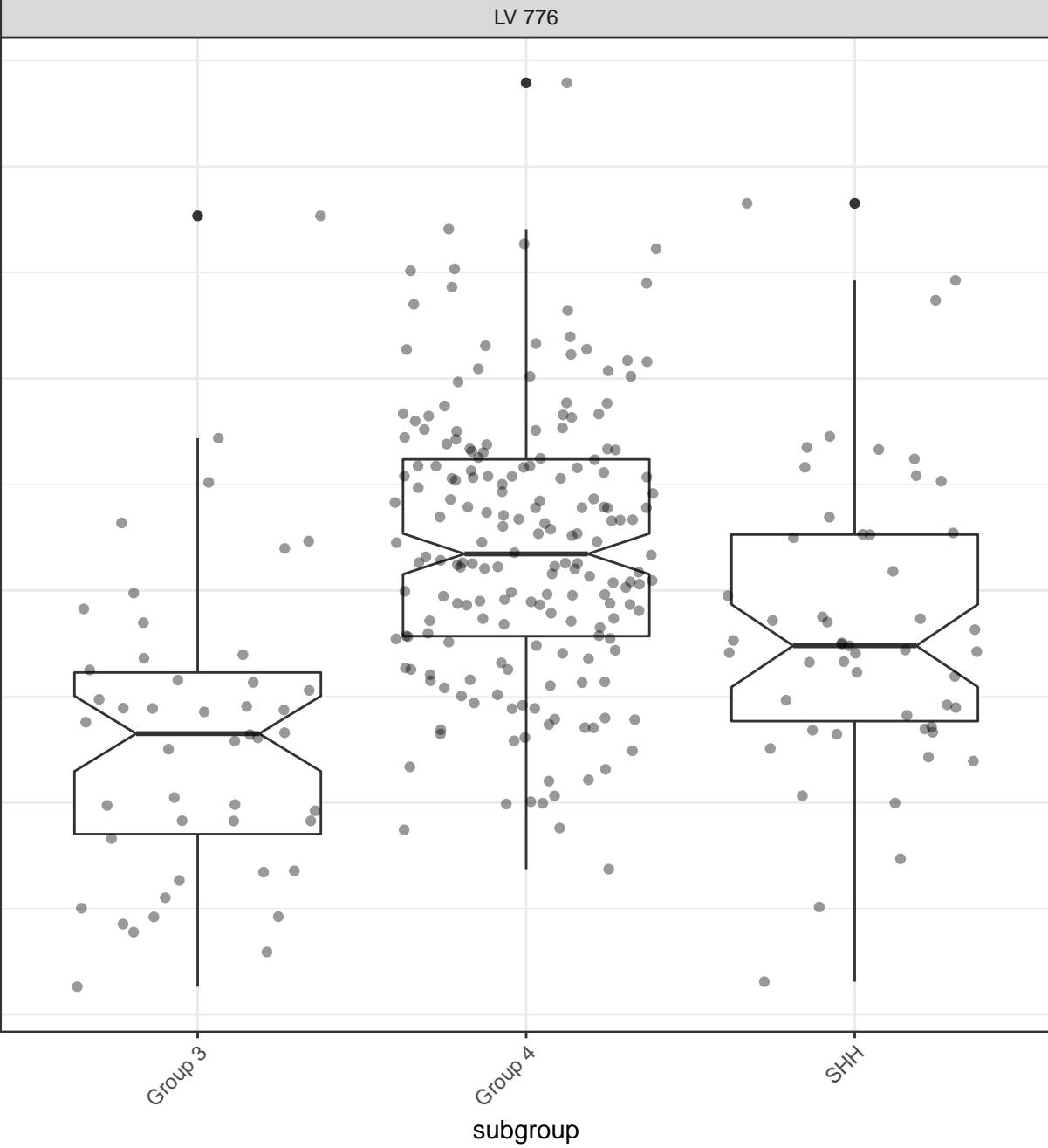
-0.10

Group 3

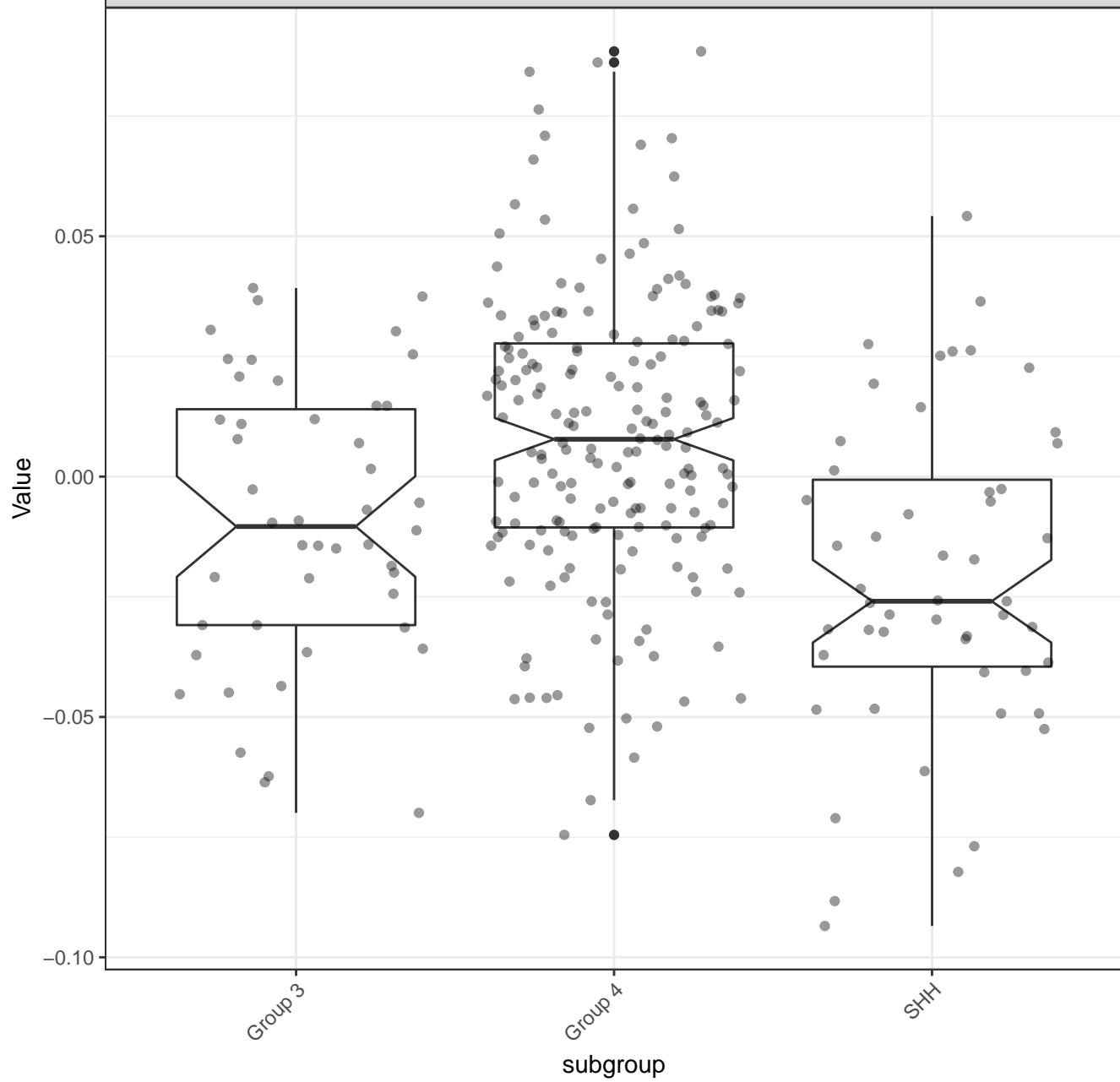
Group 4

SHH

subgroup



777,PID_P53DOWNSTREAMPATHWAY



LV 778

Value

0.05

0.00

-0.05

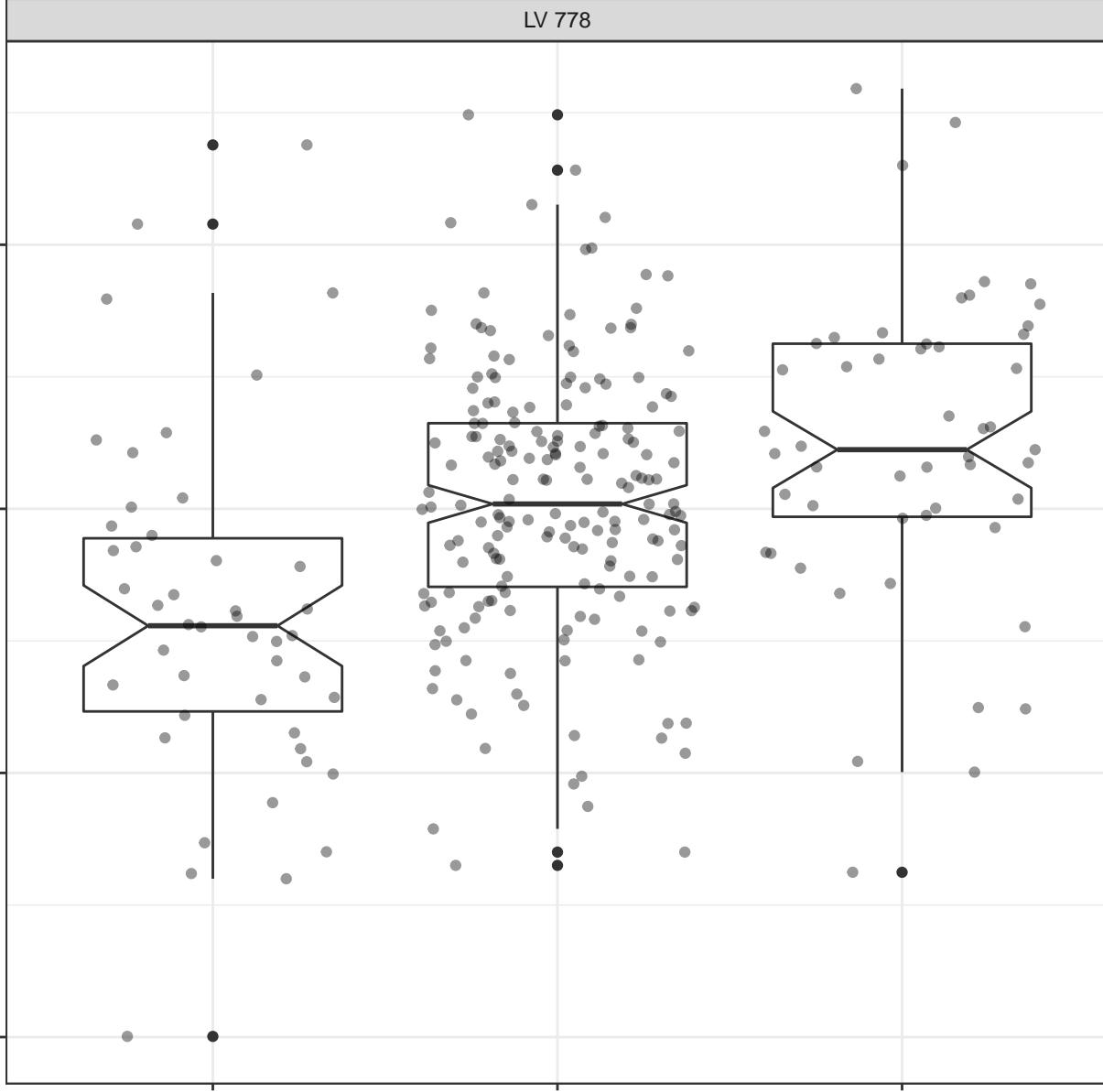
-0.10

Group 3

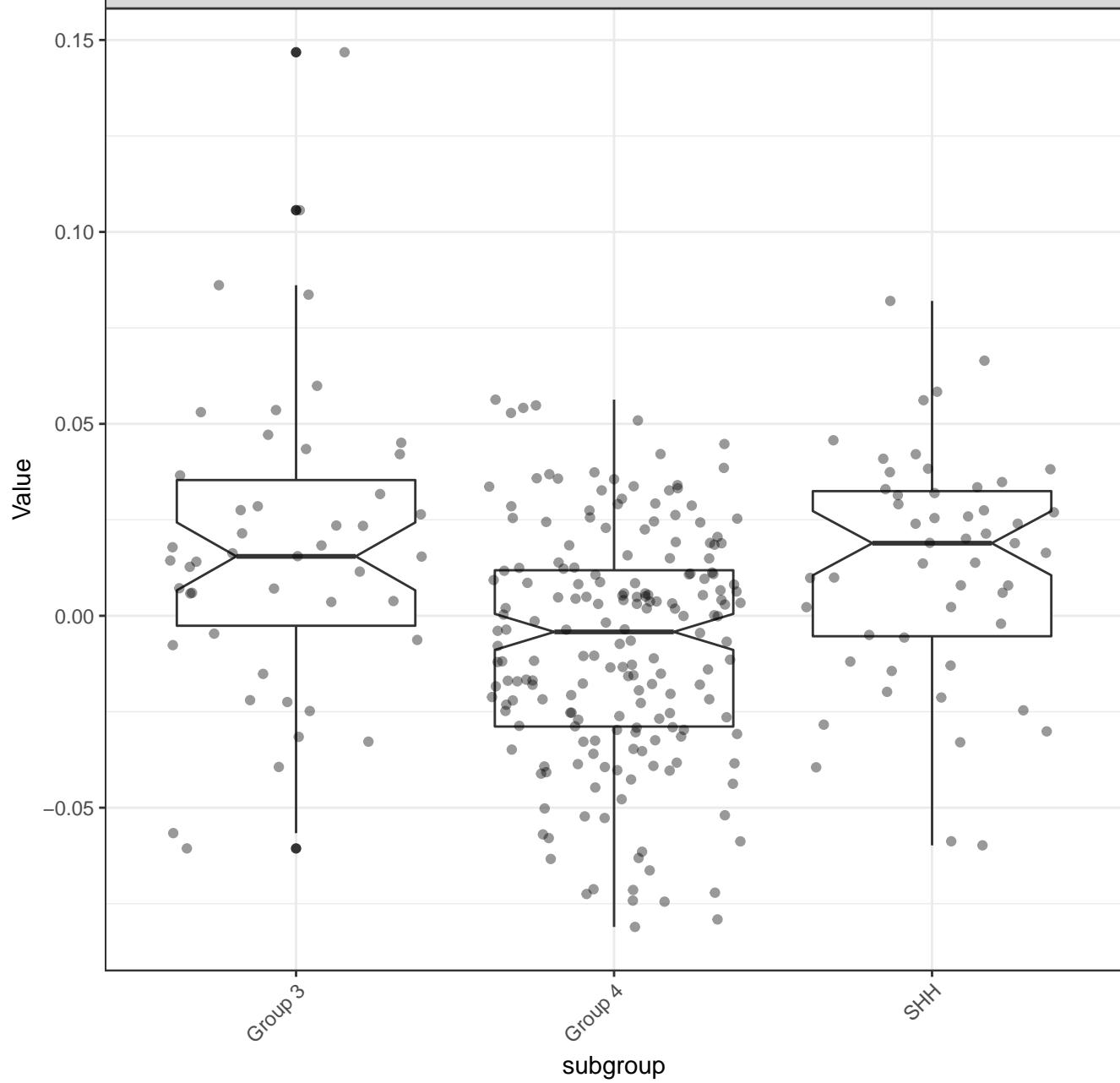
subgroup

Group 4

SHH



LV 779



LV 780

Value

0.05

0.00

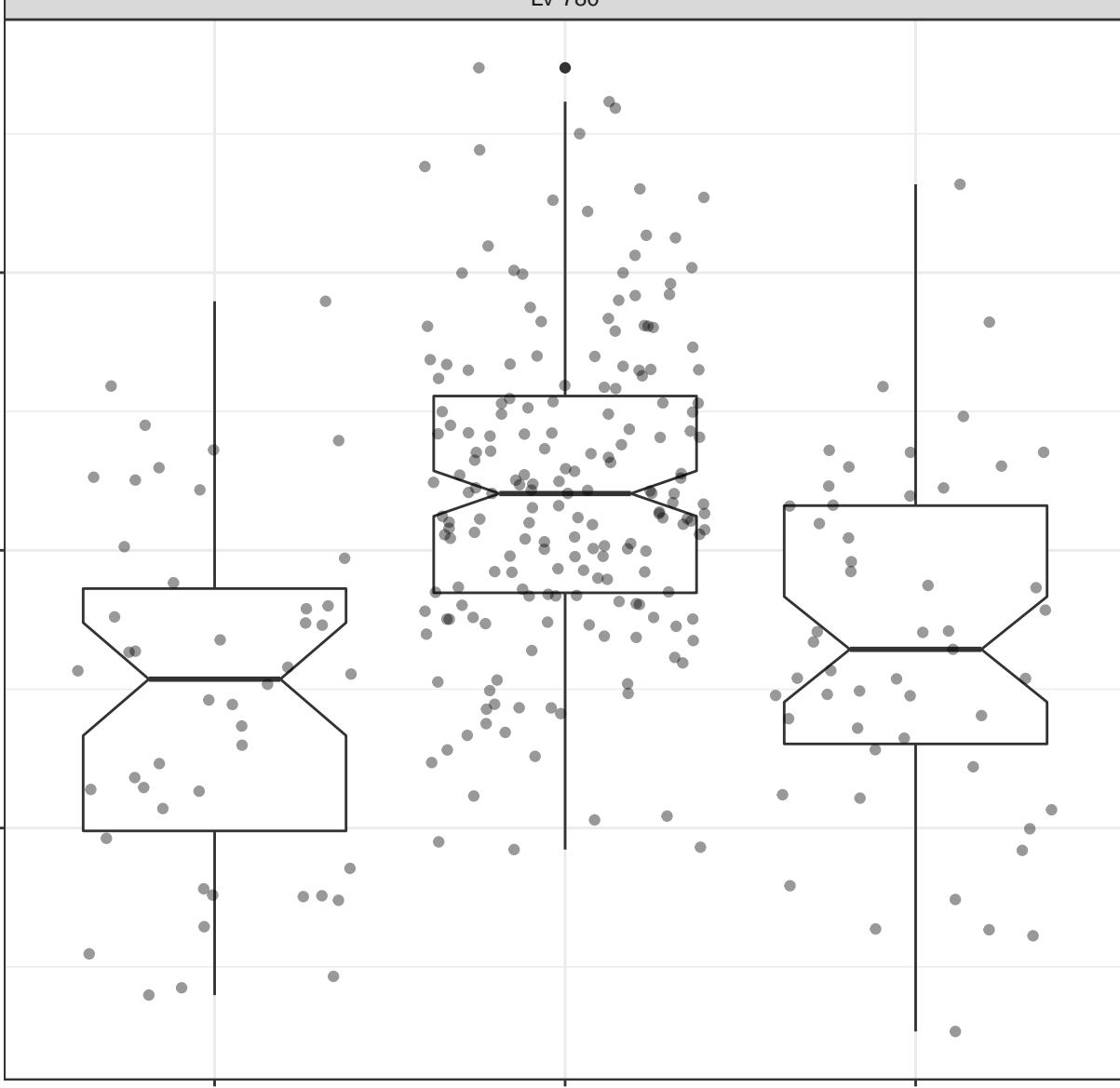
-0.05

Group 3

Group 4

SHH

subgroup



LV 781

Value

0.10

0.05

0.00

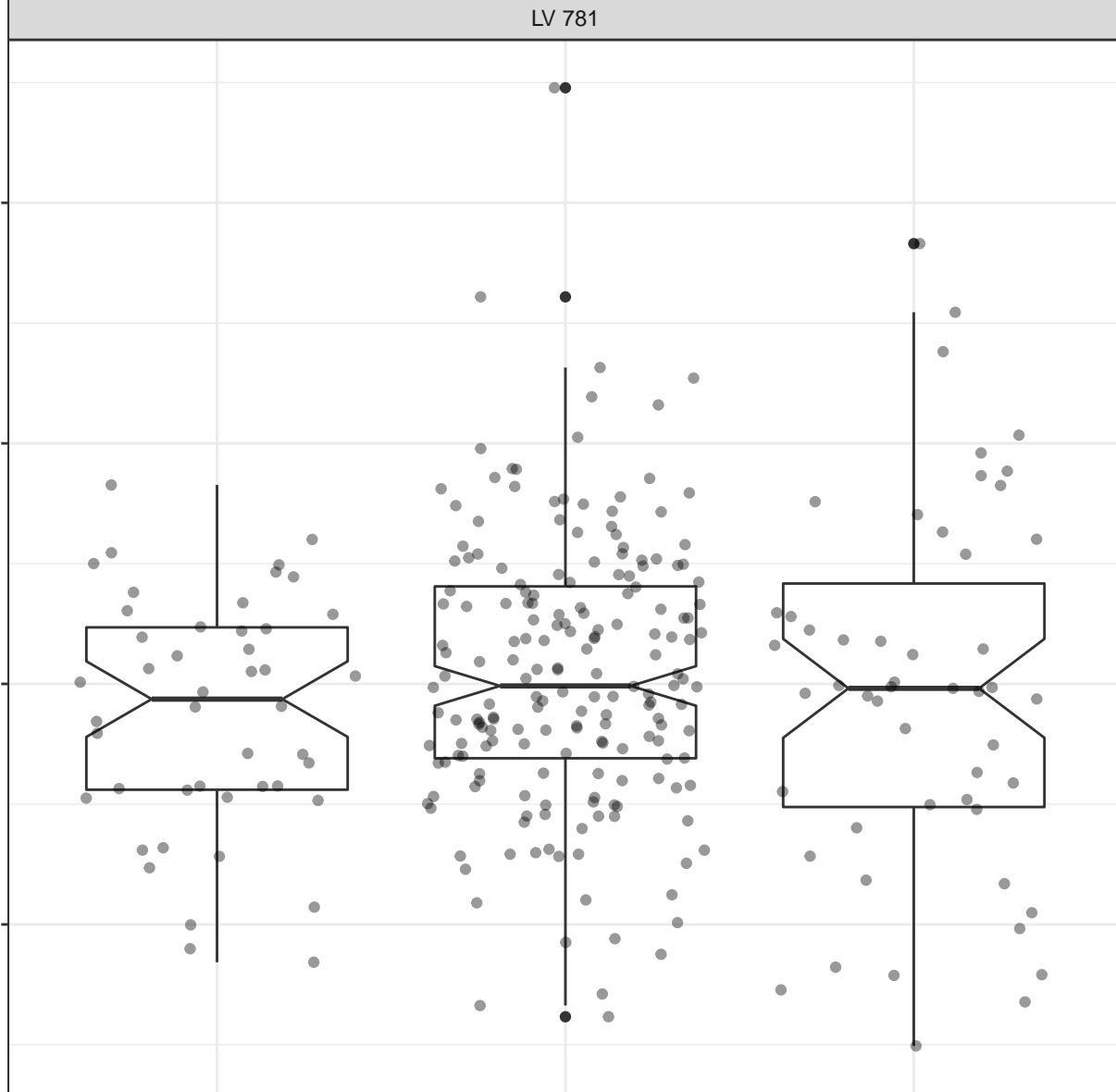
-0.05

Group 3

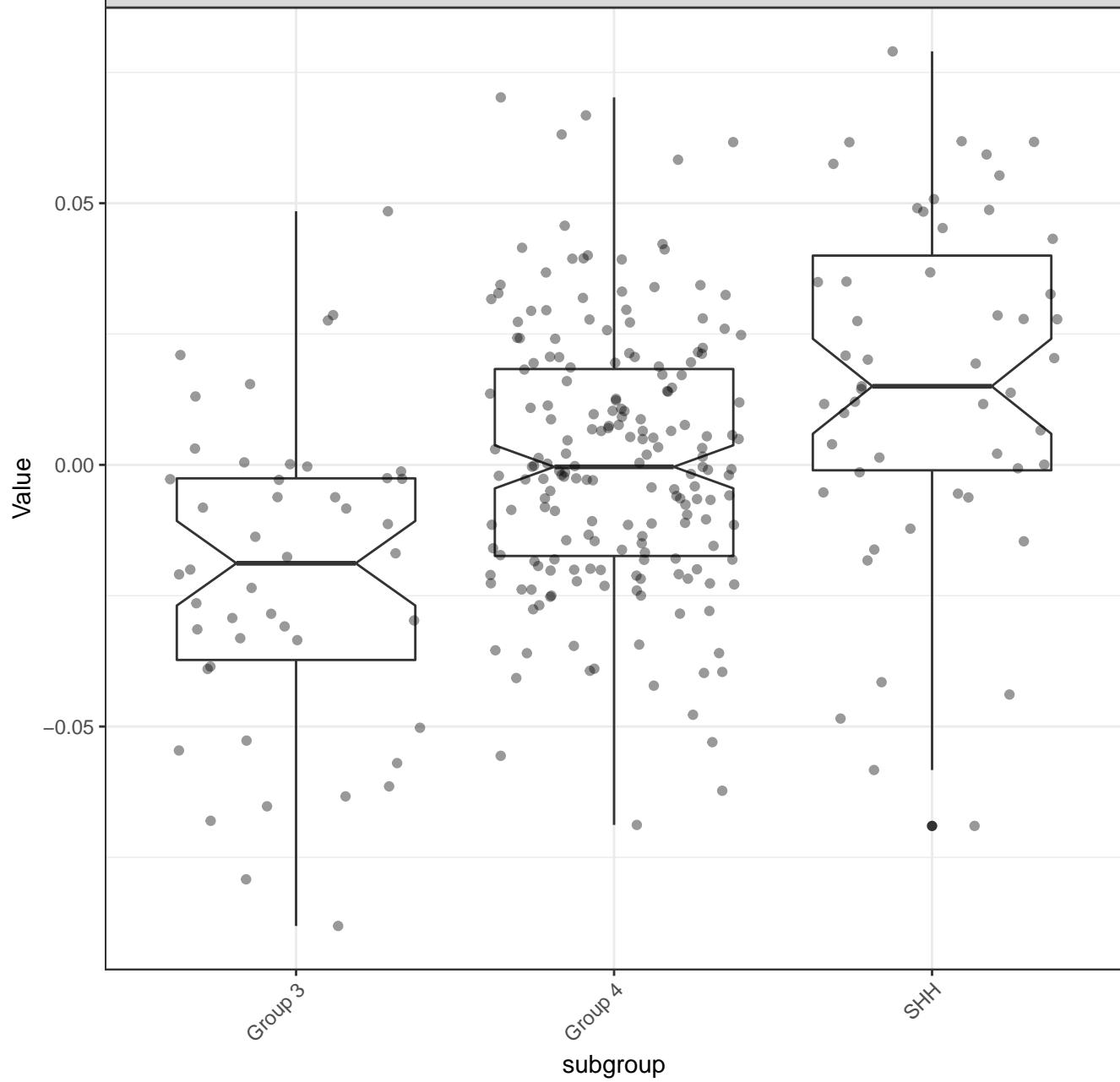
subgroup

Group 4

SHH



LV 782



LV 783

Value

0.05

0.00

-0.05

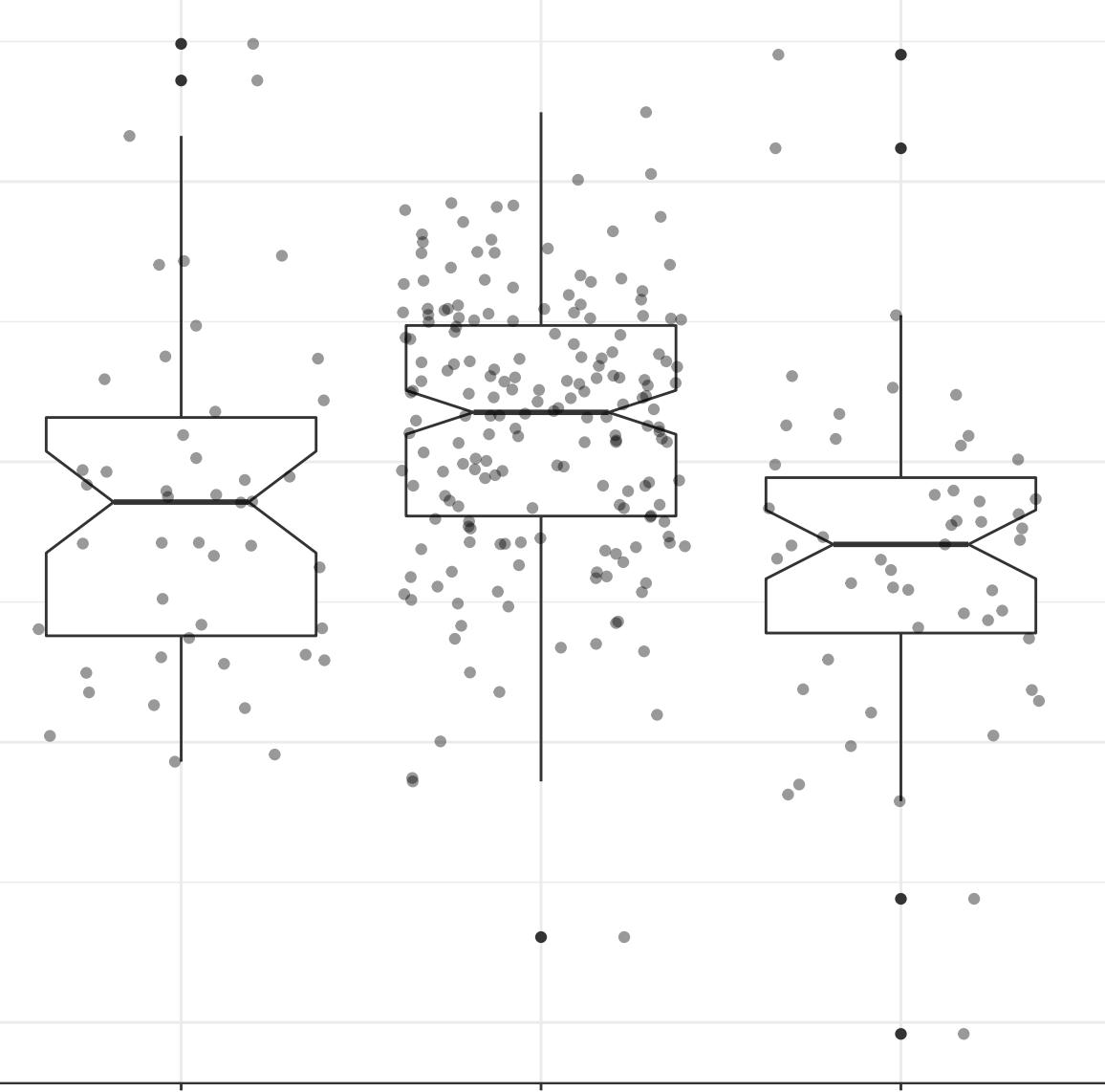
-0.10

Group 3

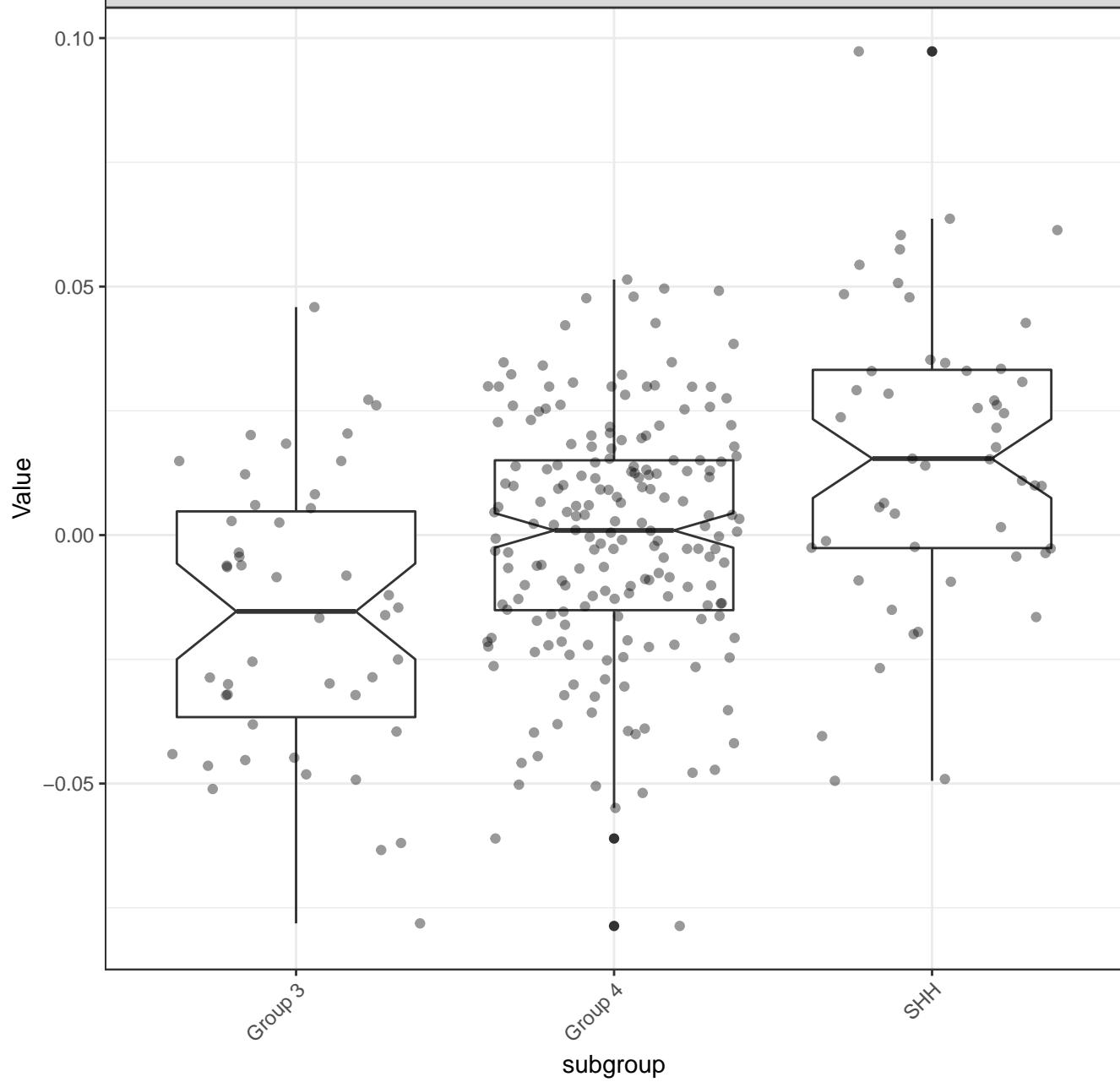
subgroup

Group 4

SHH



LV 784



LV 785

Value

0.08

0.04

0.00

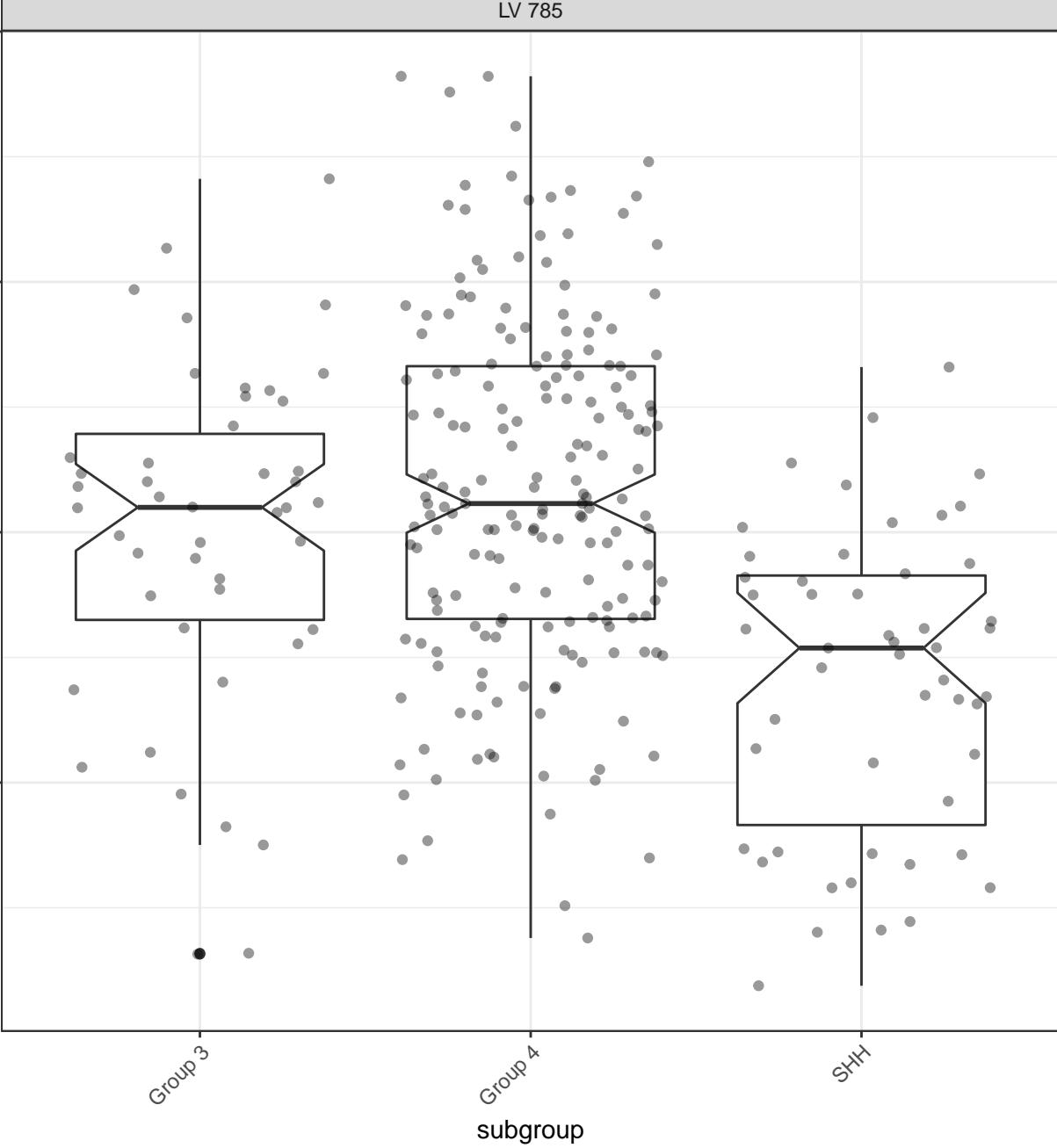
-0.04

Group 3

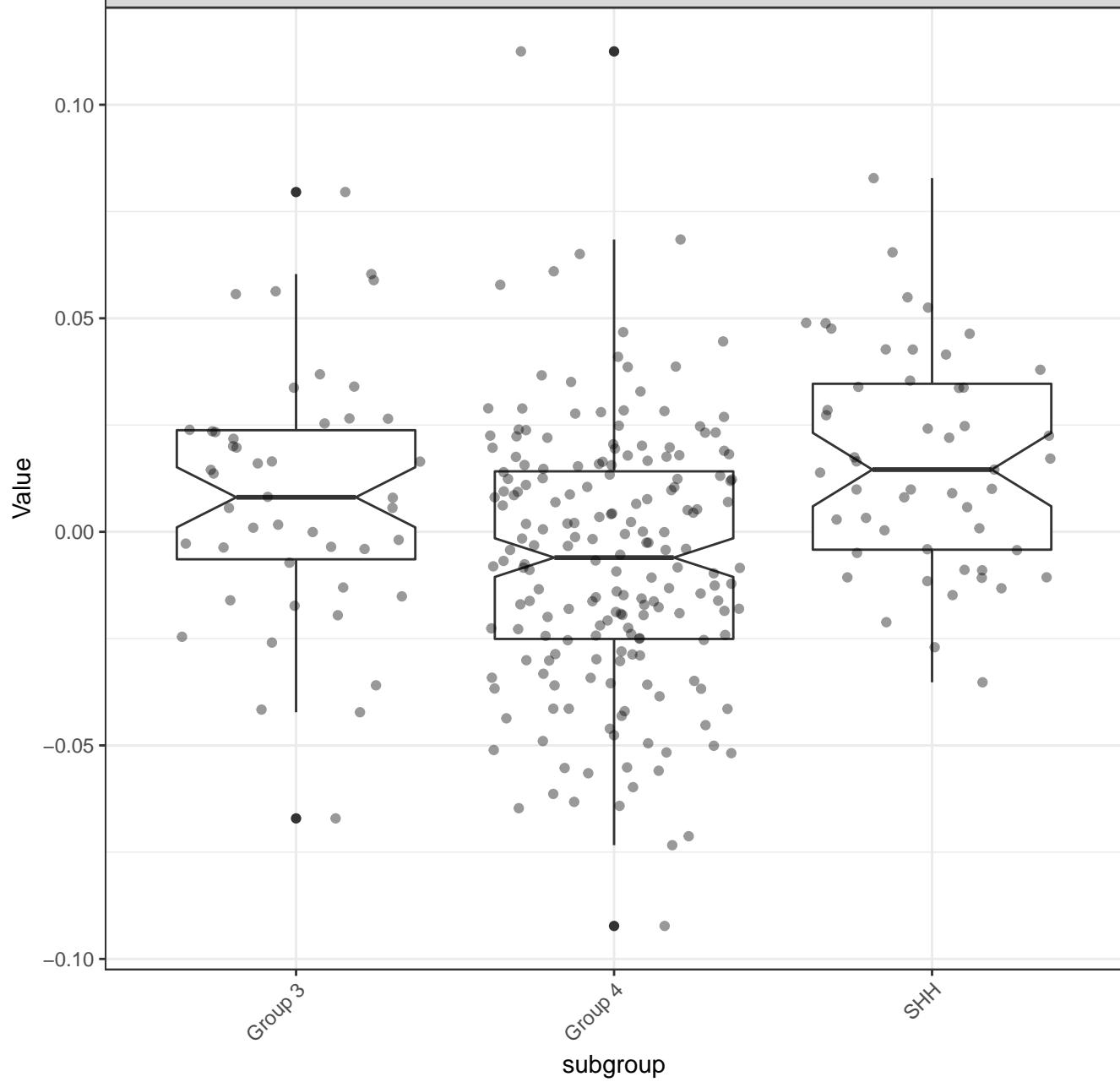
Group 4

SHH

subgroup



LV 786



787,DMAP_MONO1

Value

0.1

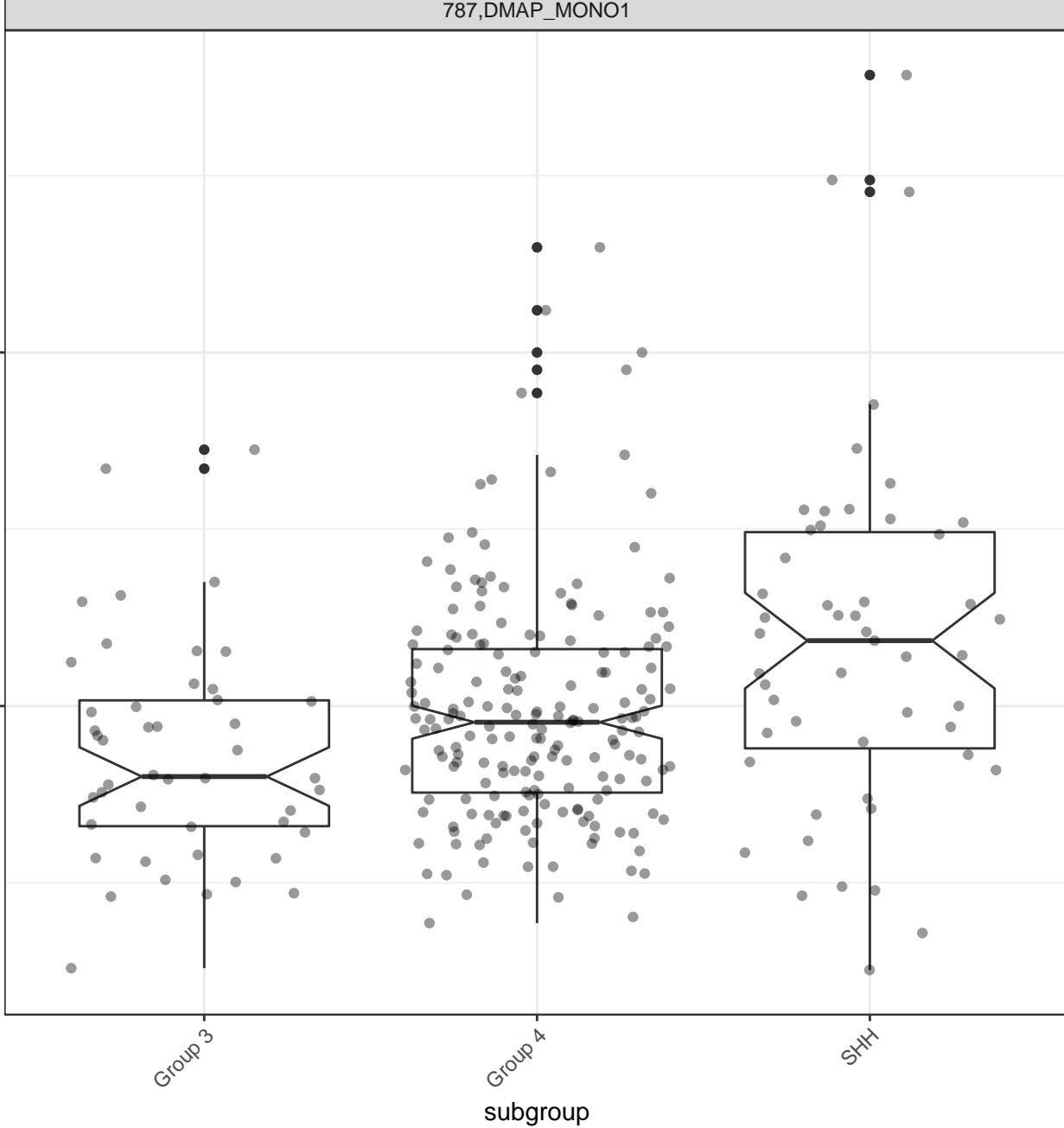
0.0

Group 3

Group 4

SHH

subgroup



LV 788

Value

0.10

0.05

0.00

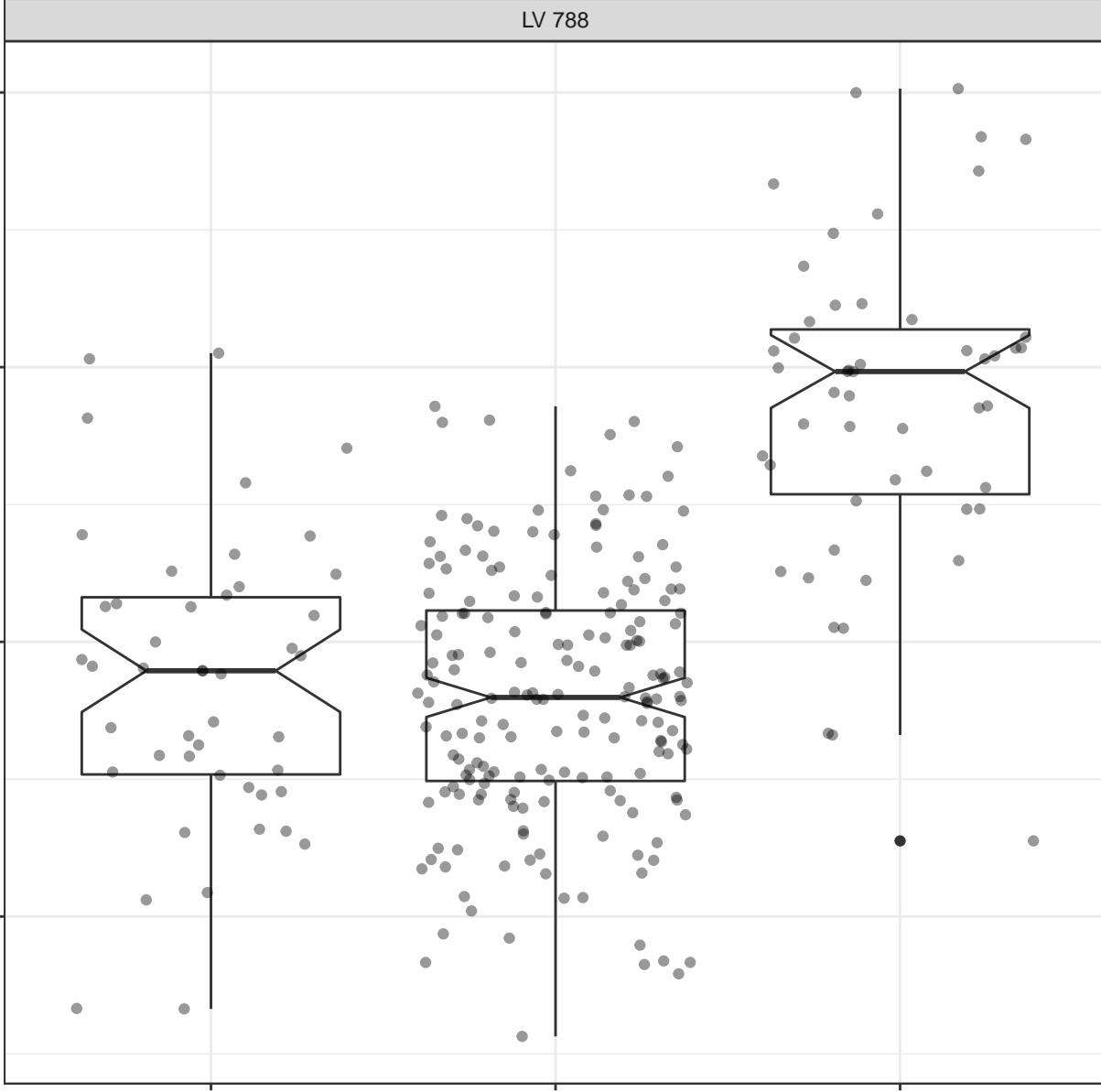
-0.05

Group 3

Group 4

SHH

subgroup



Value

0.2

0.1

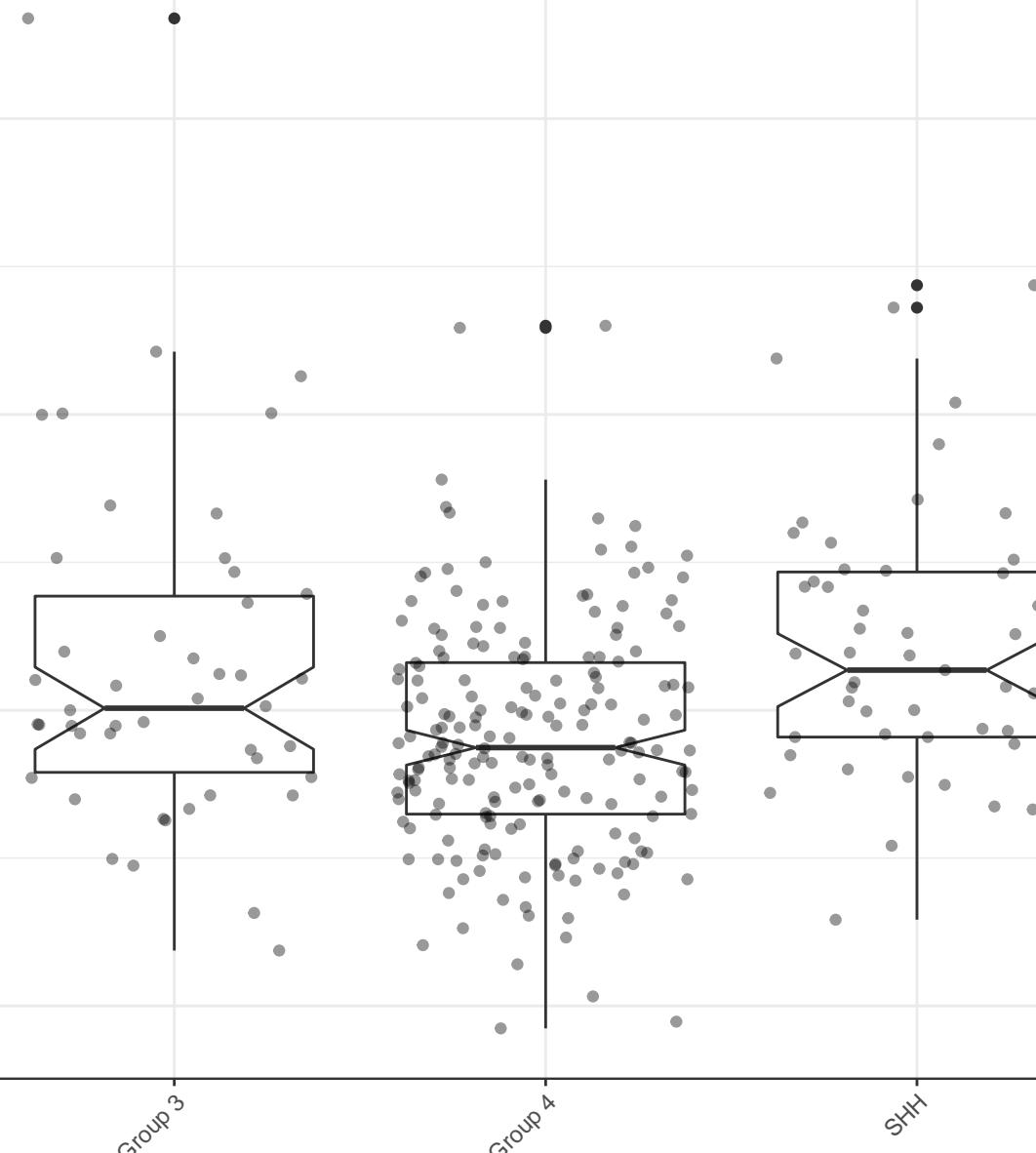
0.0

-0.1

Group³Group⁴

SHH

subgroup



LV 790

Value

0.10

0.05

0.00

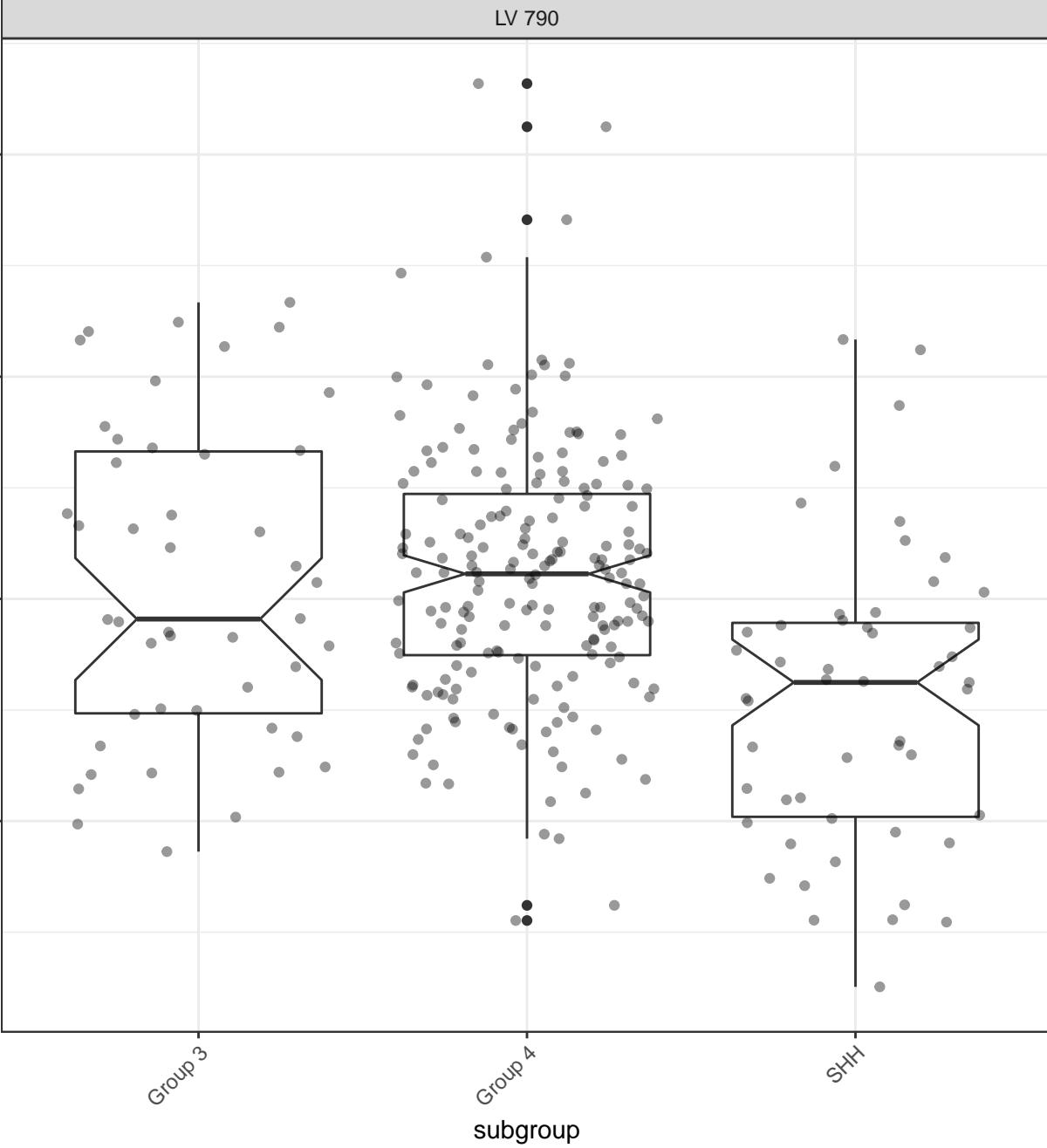
-0.05

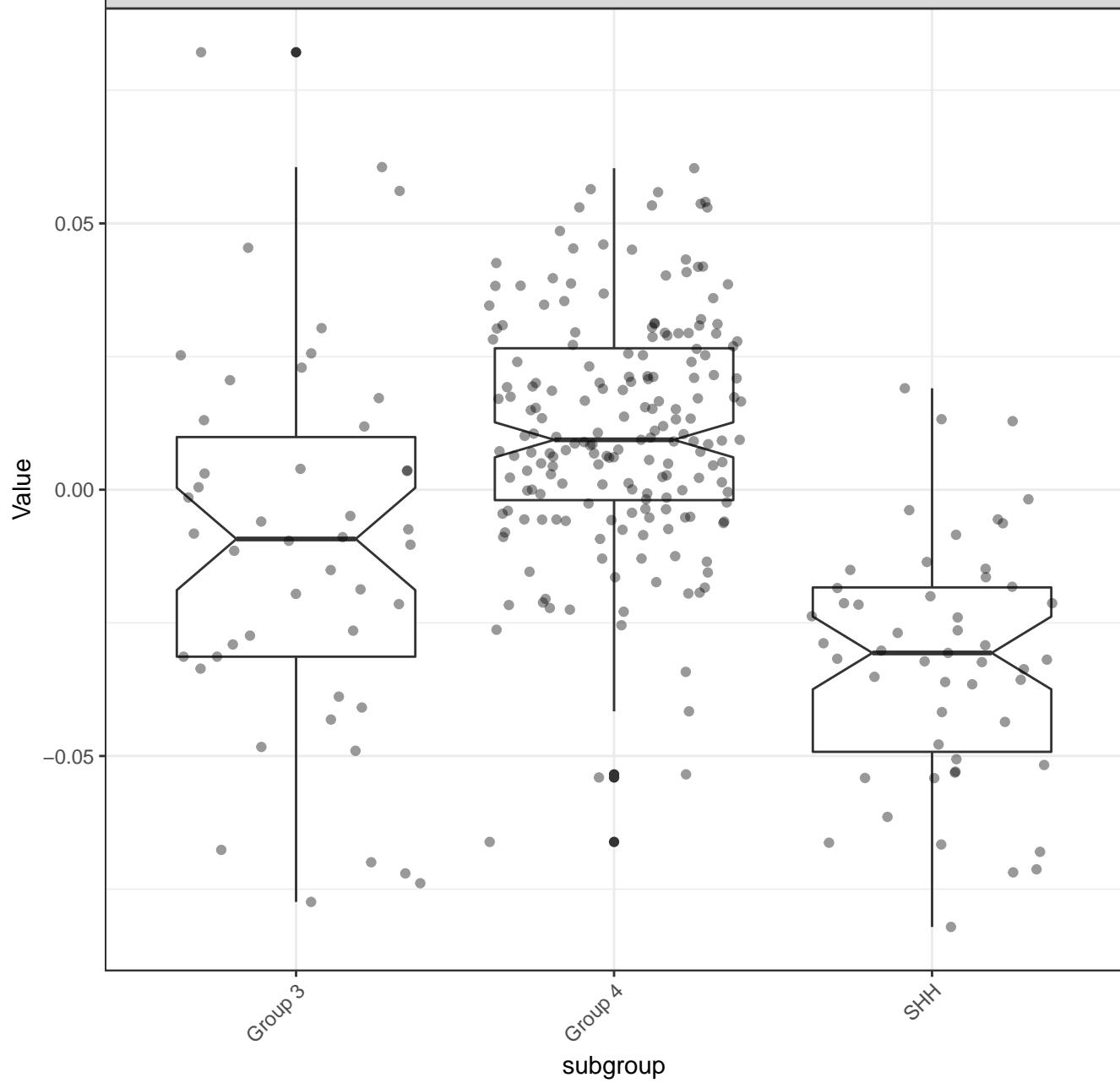
Group 3

Group 4

SHH

subgroup





LV 792

Value

0.15

0.10

0.05

0.00

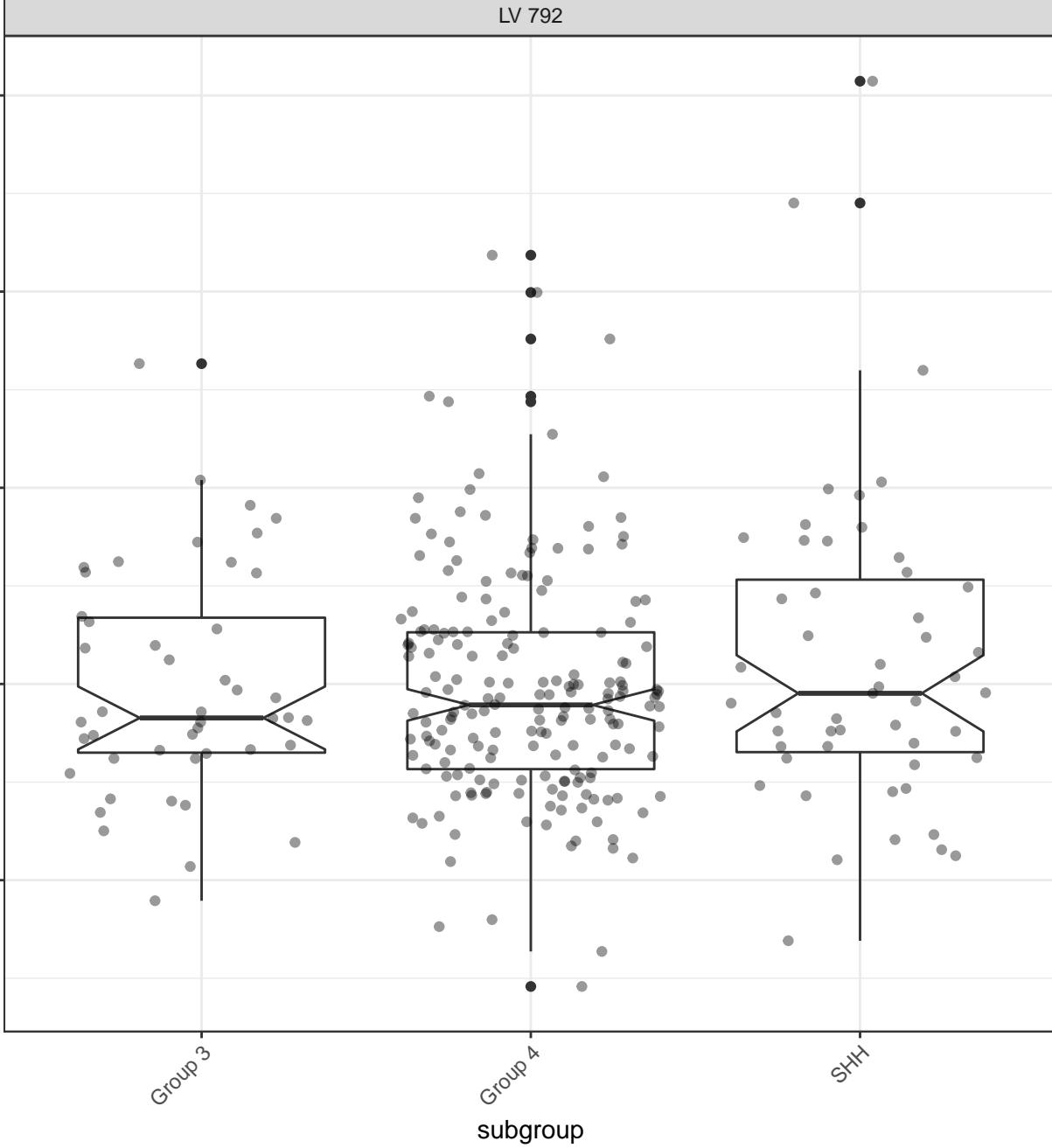
-0.05

Group 3

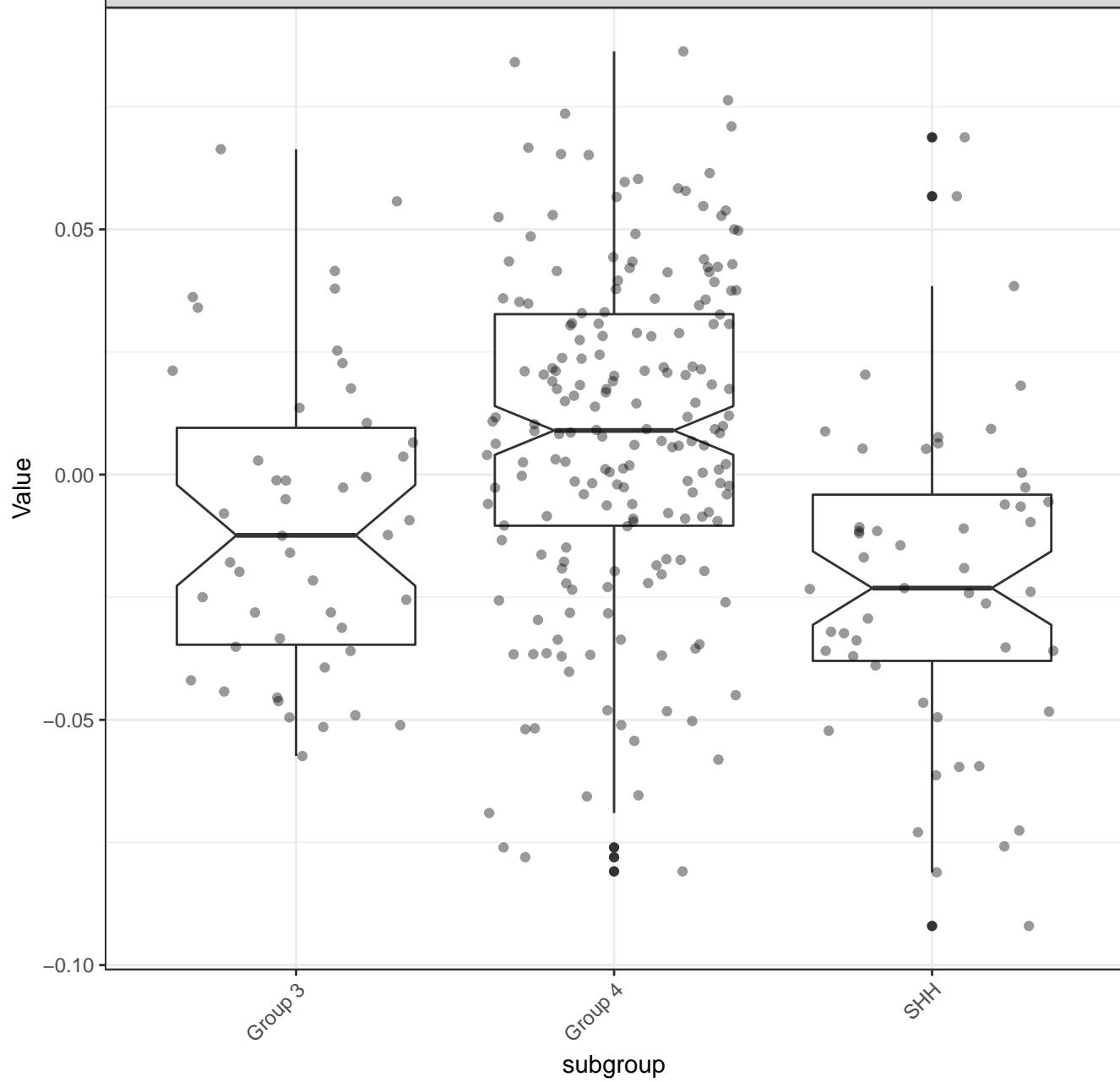
Group 4

SHH

subgroup



LV 793



LV 794

Value

0.10

0.05

0.00

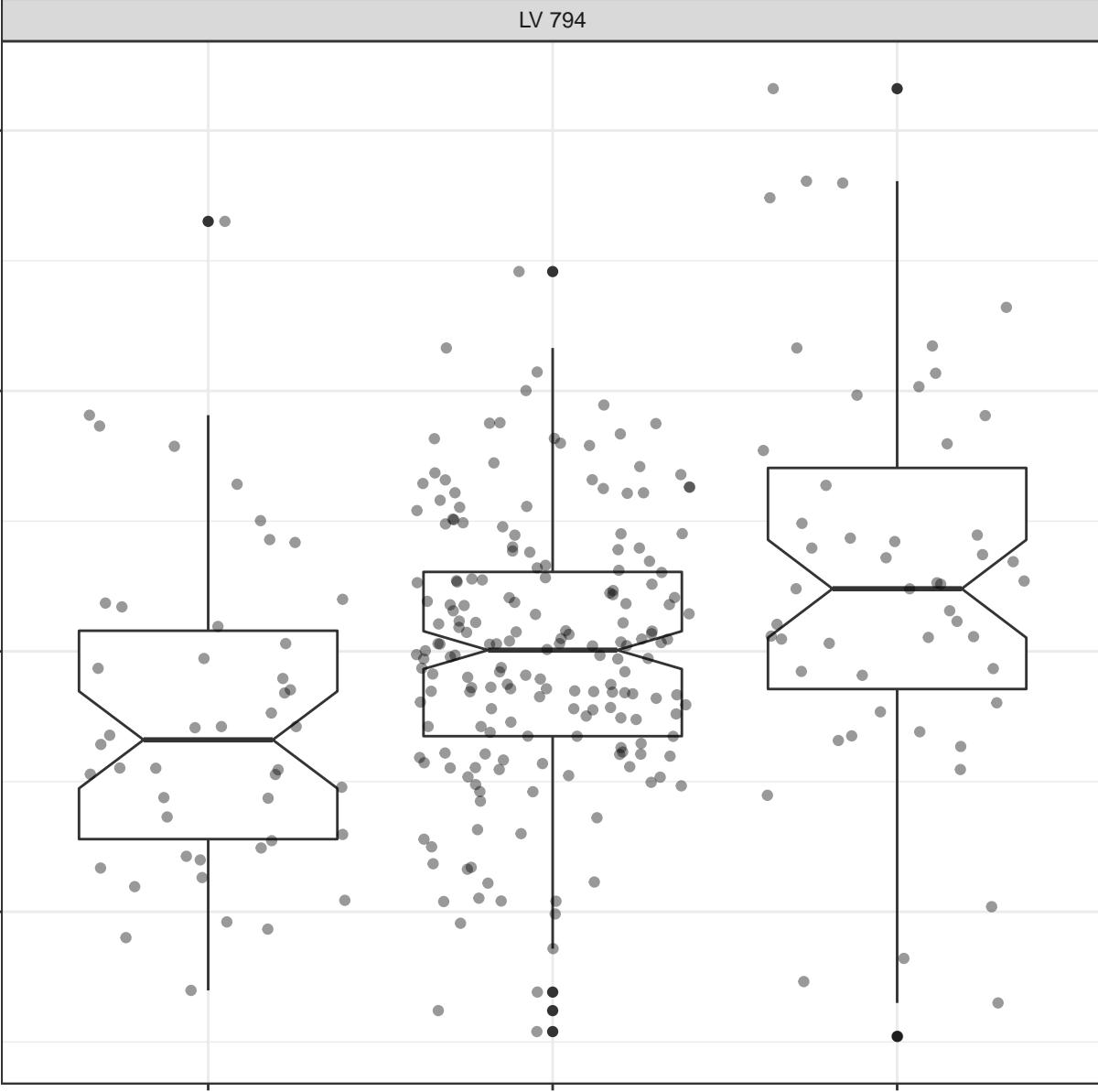
-0.05

Group 3

subgroup

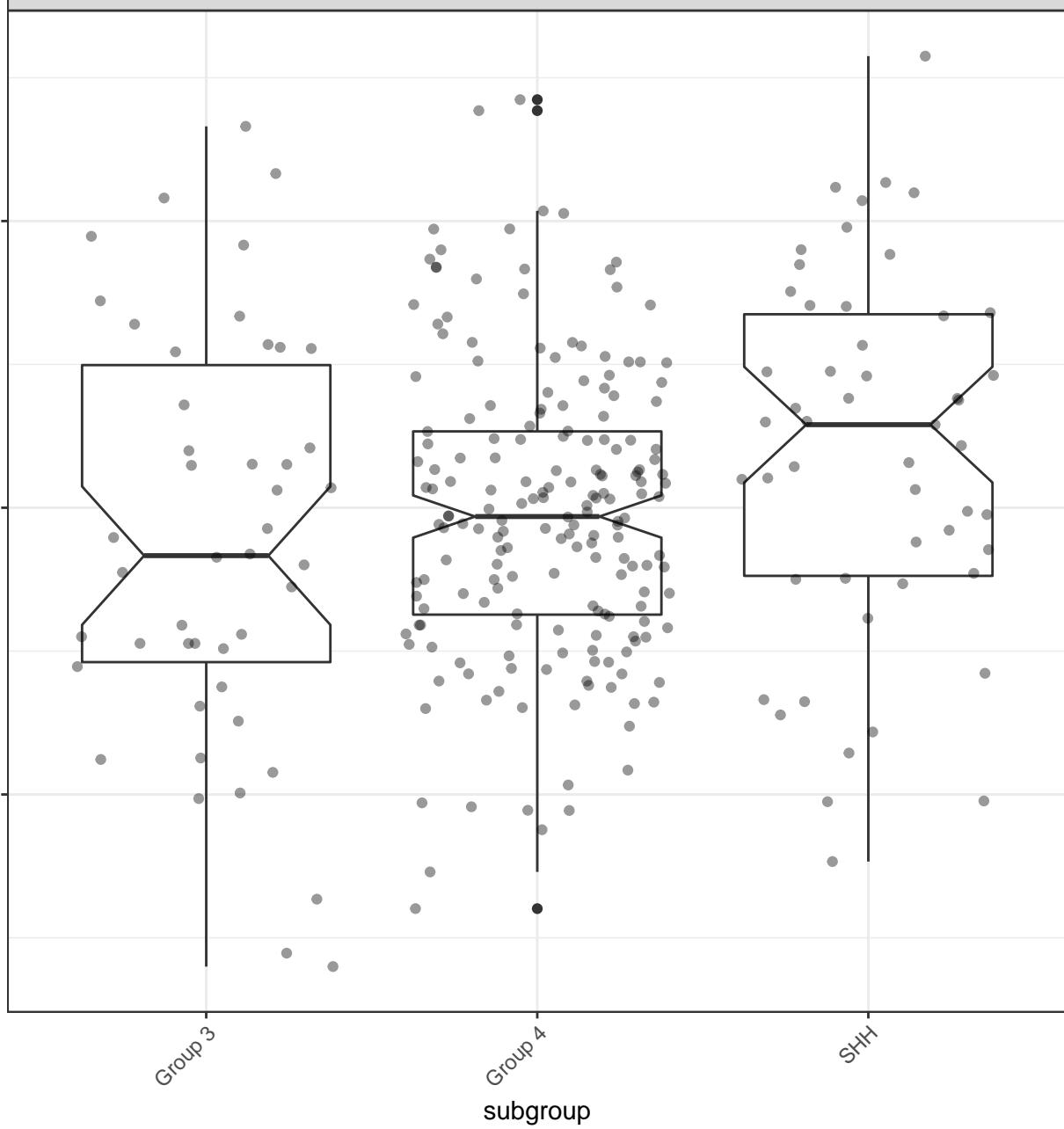
Group 4

SHH



LV 795

Value



LV 796

Value

0.10

0.05

0.00

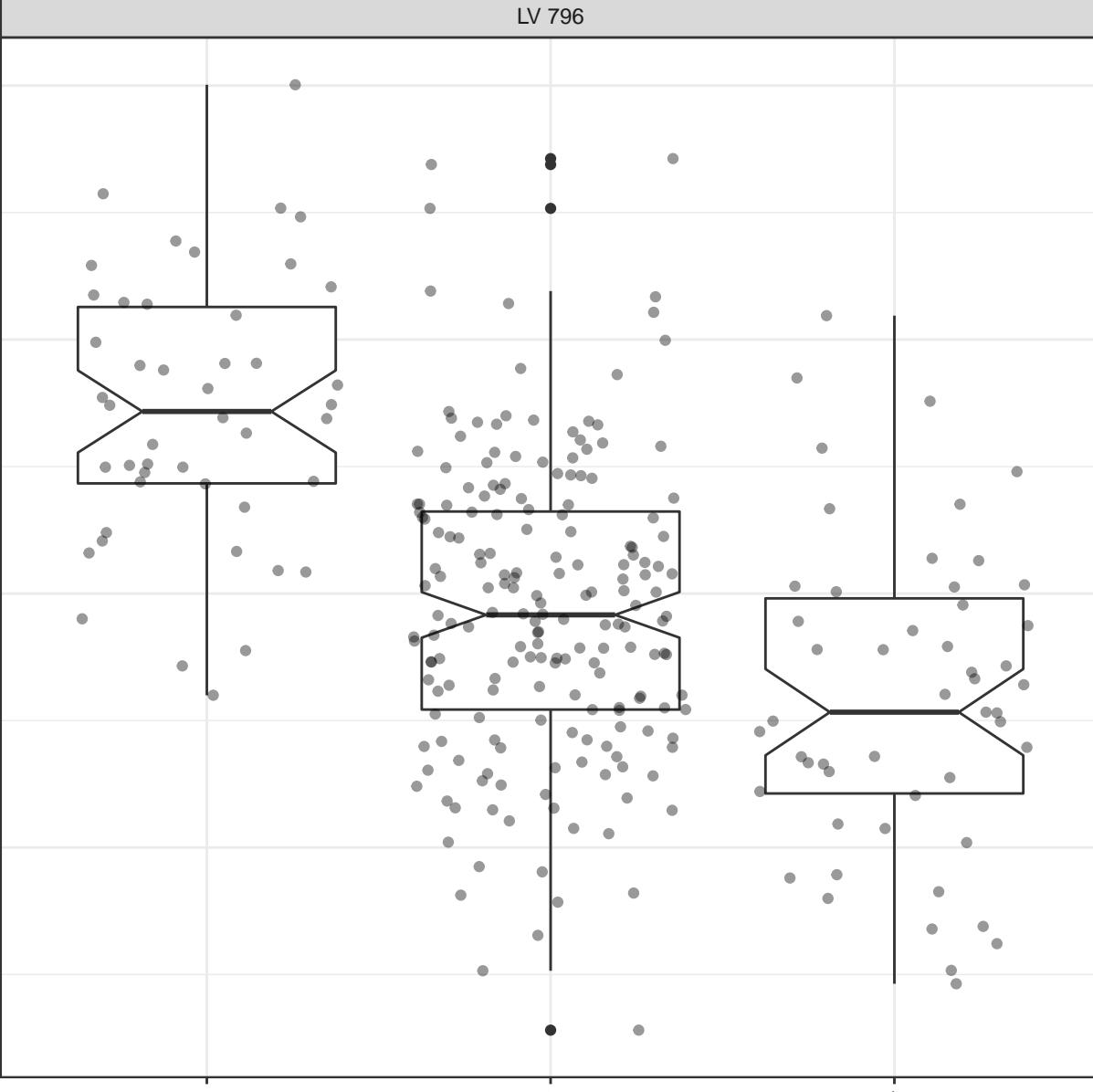
-0.05

Group 3

subgroup

Group 4

SHH



Value

0.04

0.00

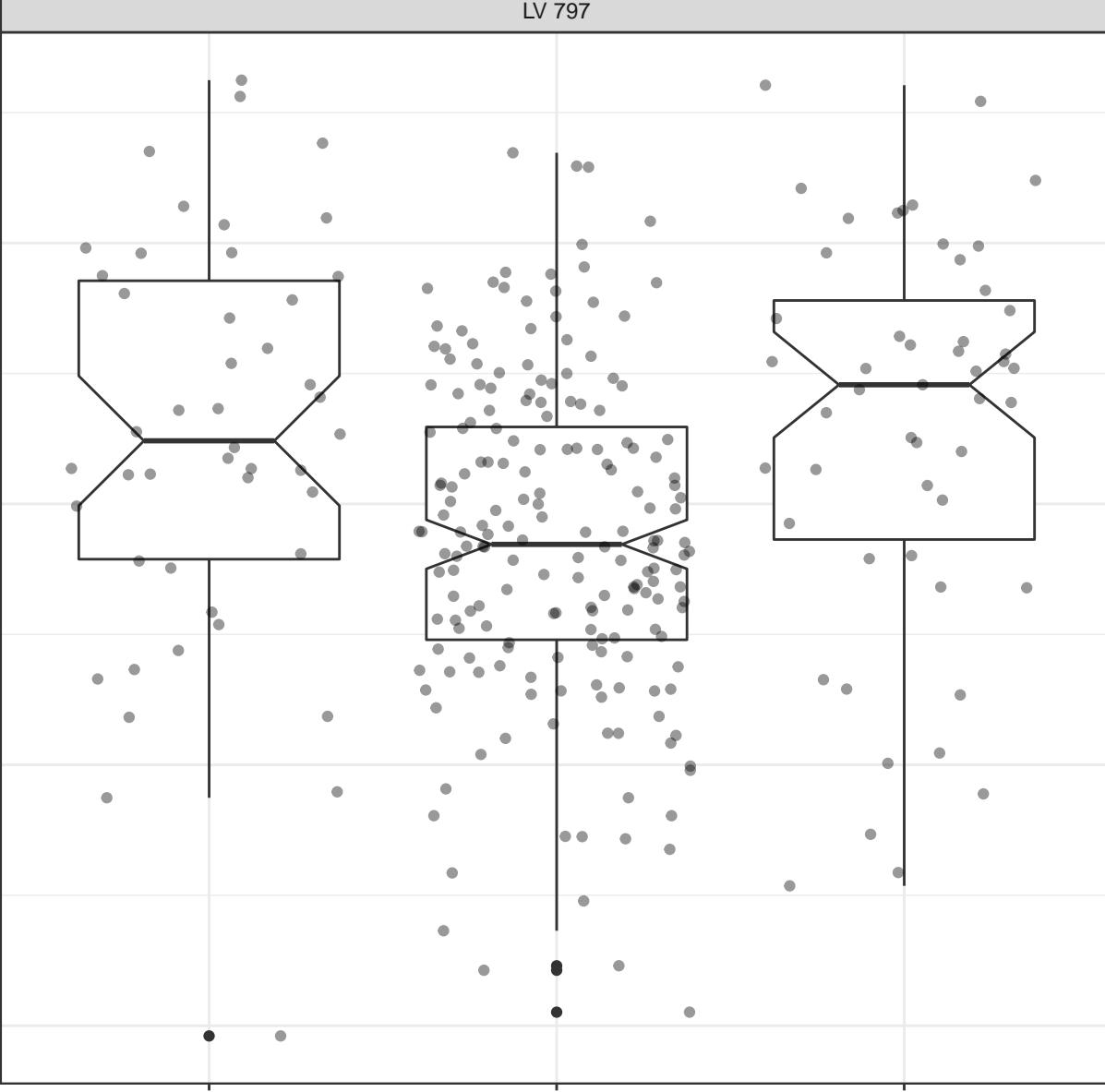
-0.04

-0.08

Group 3

subgroup

SHH



LV 798

Value

0.10

0.05

0.00

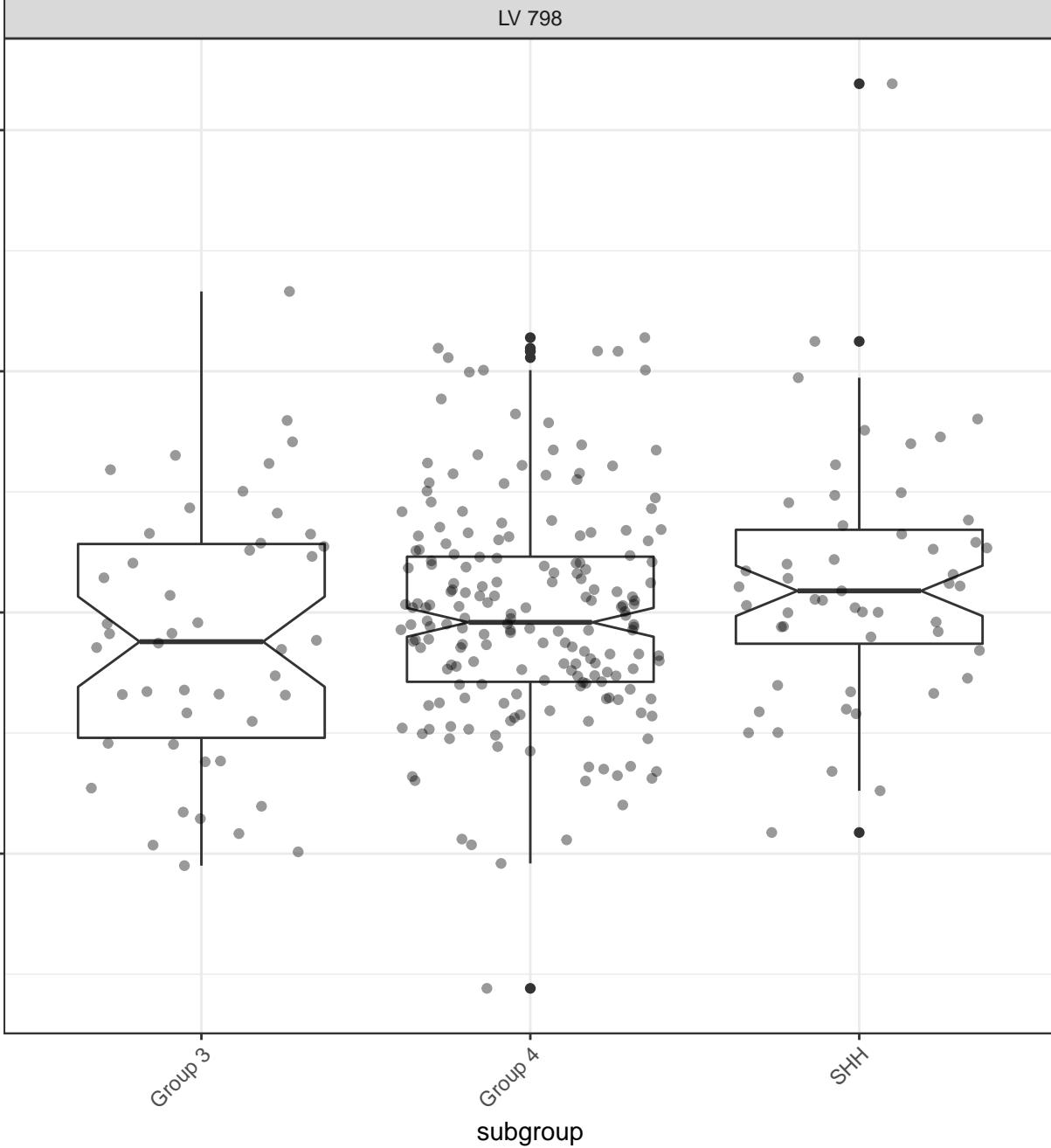
-0.05

Group 3

Group 4

SHH

subgroup



LV 799

Value

0.10

0.05

0.00

-0.05

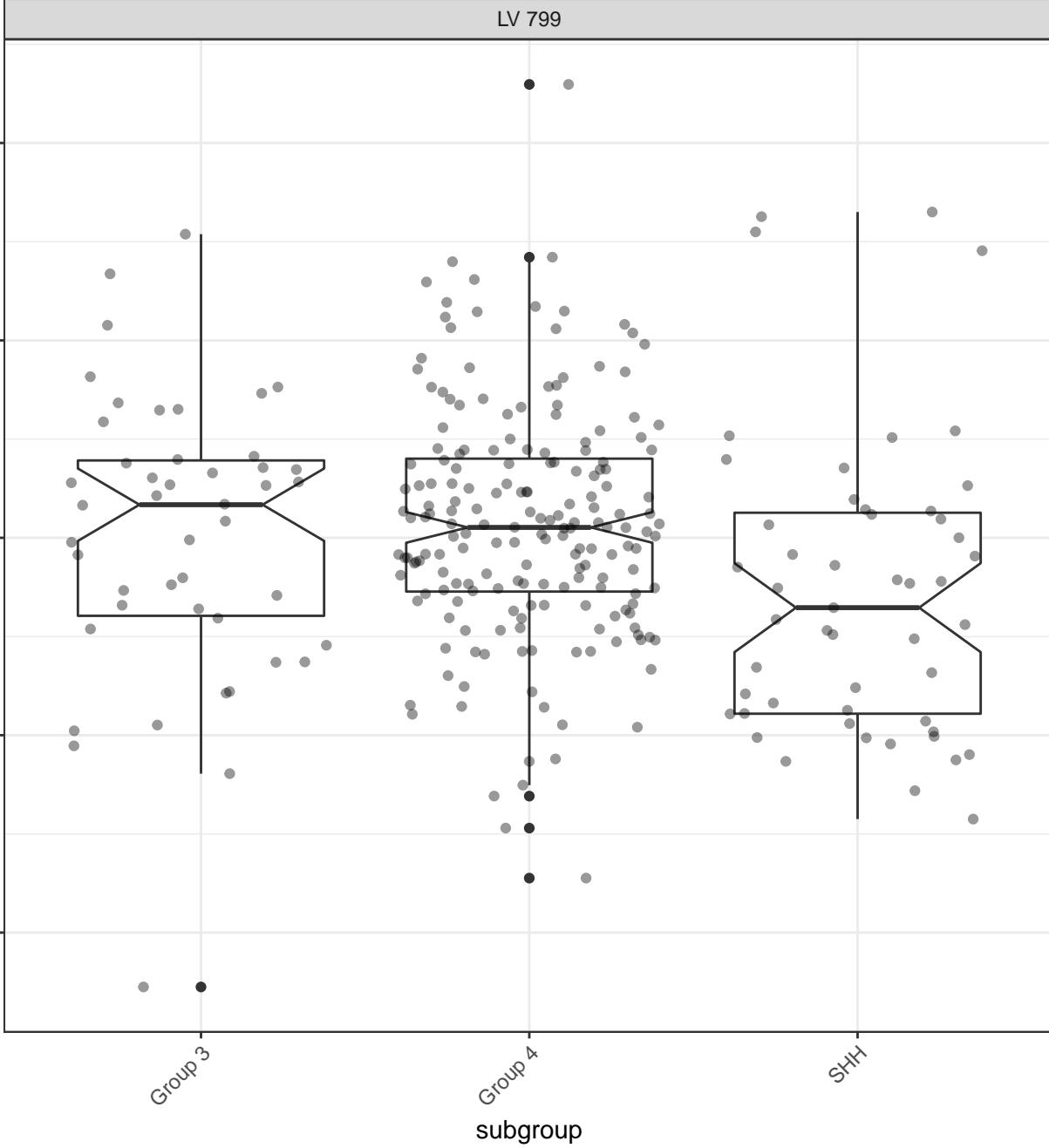
-0.10

Group 3

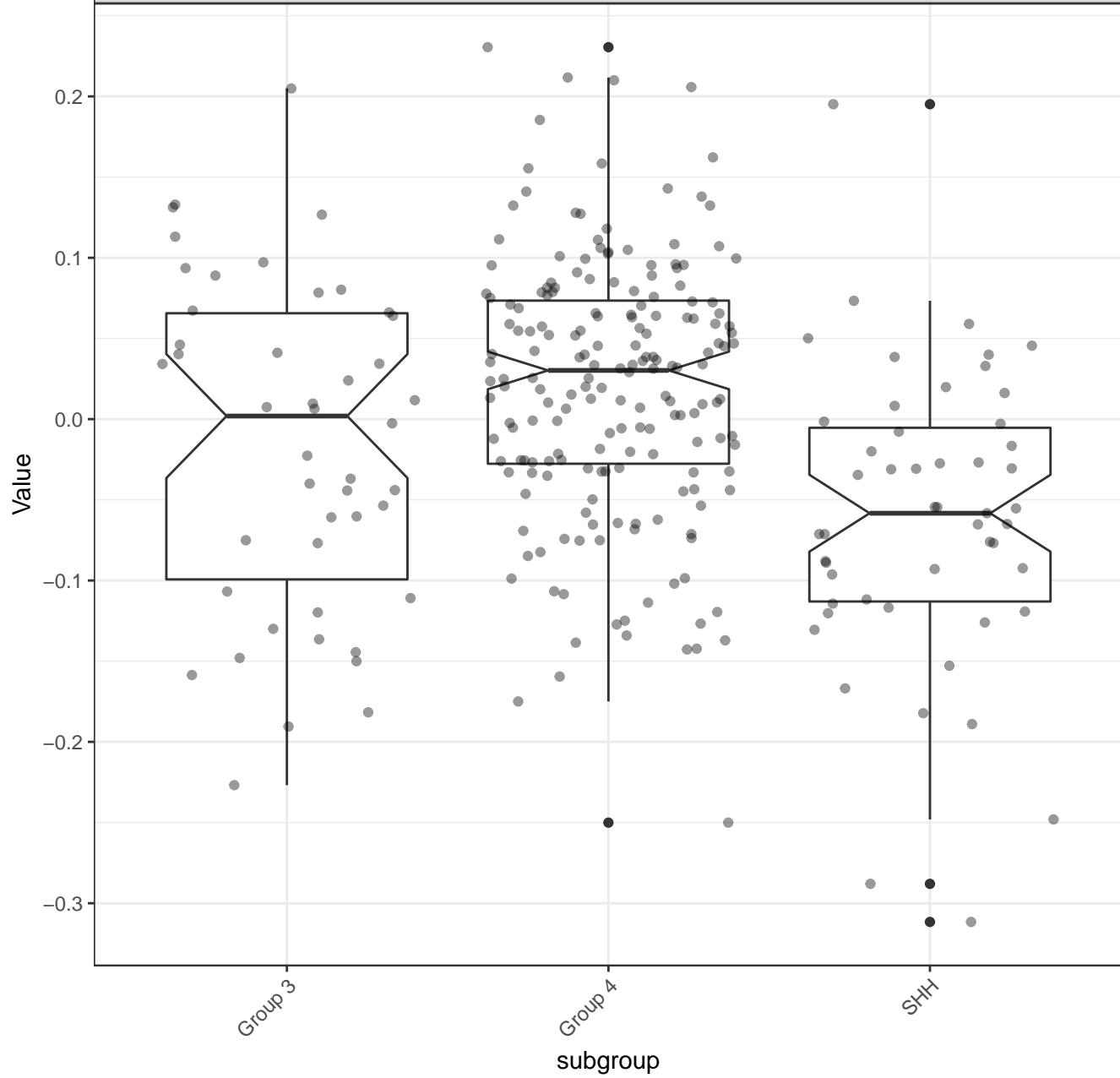
Group 4

SHH

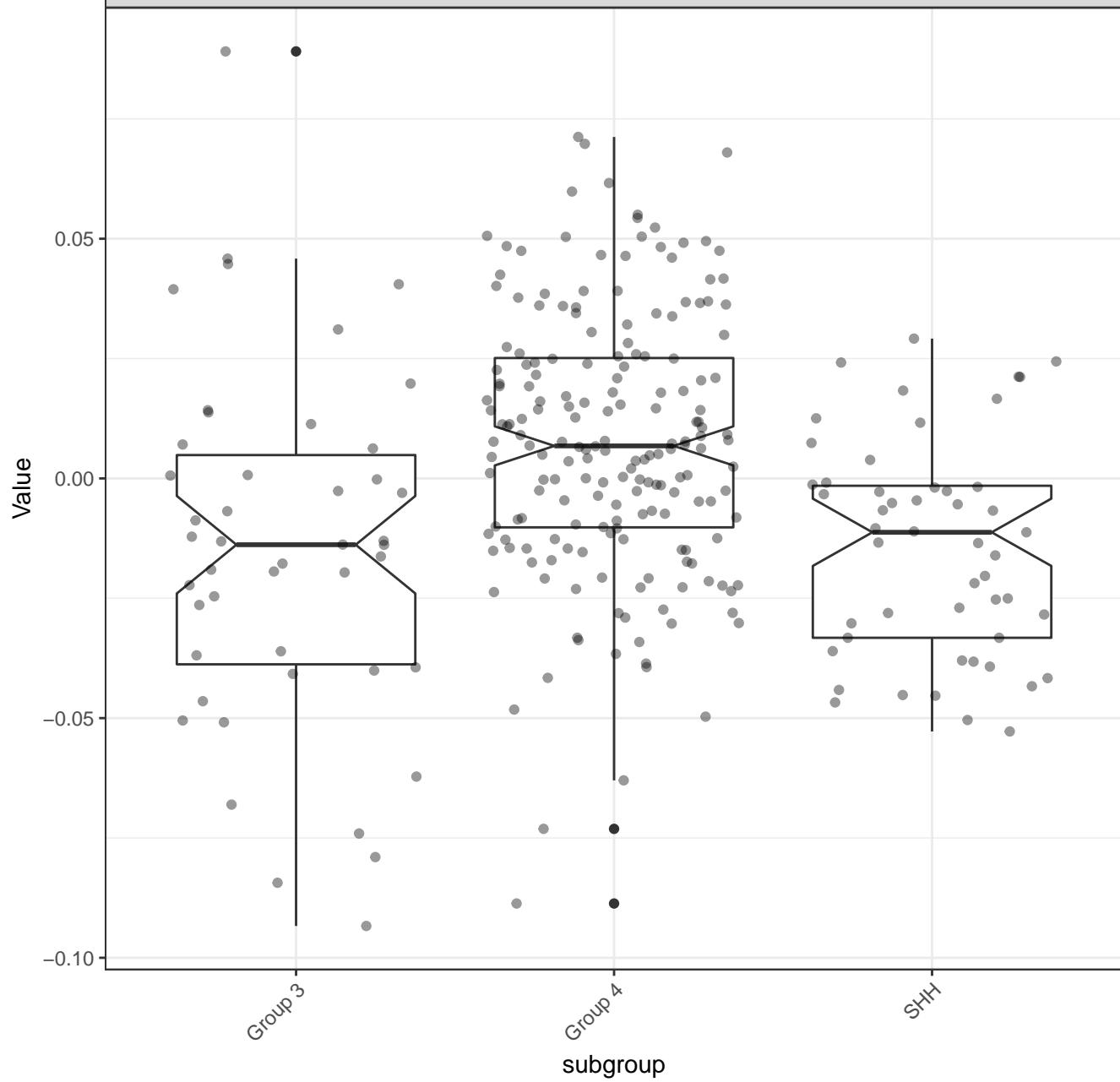
subgroup



800,REACTOME_GENERIC_TRANSSCRIPTION_PATHWAY

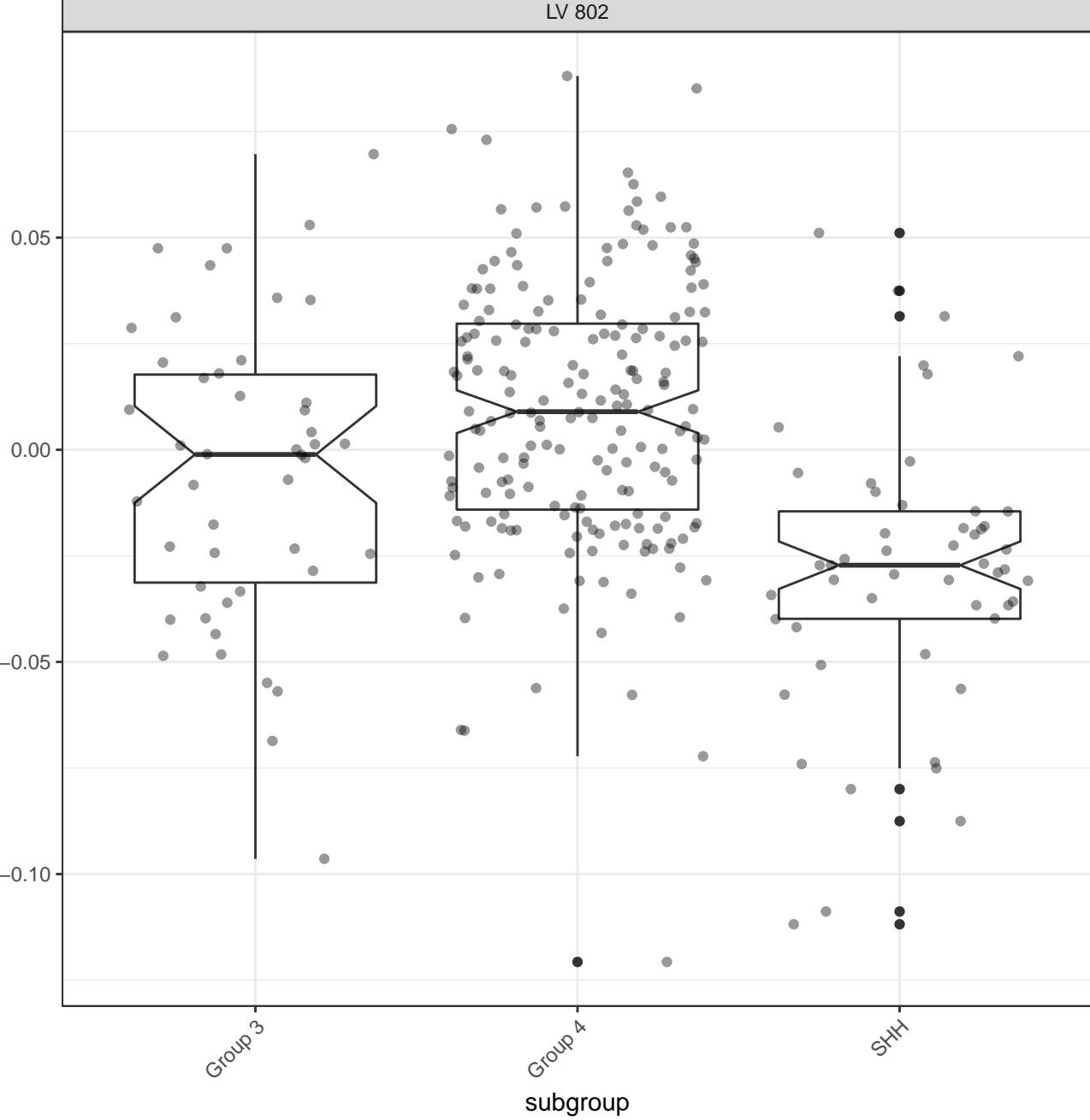


LV 801

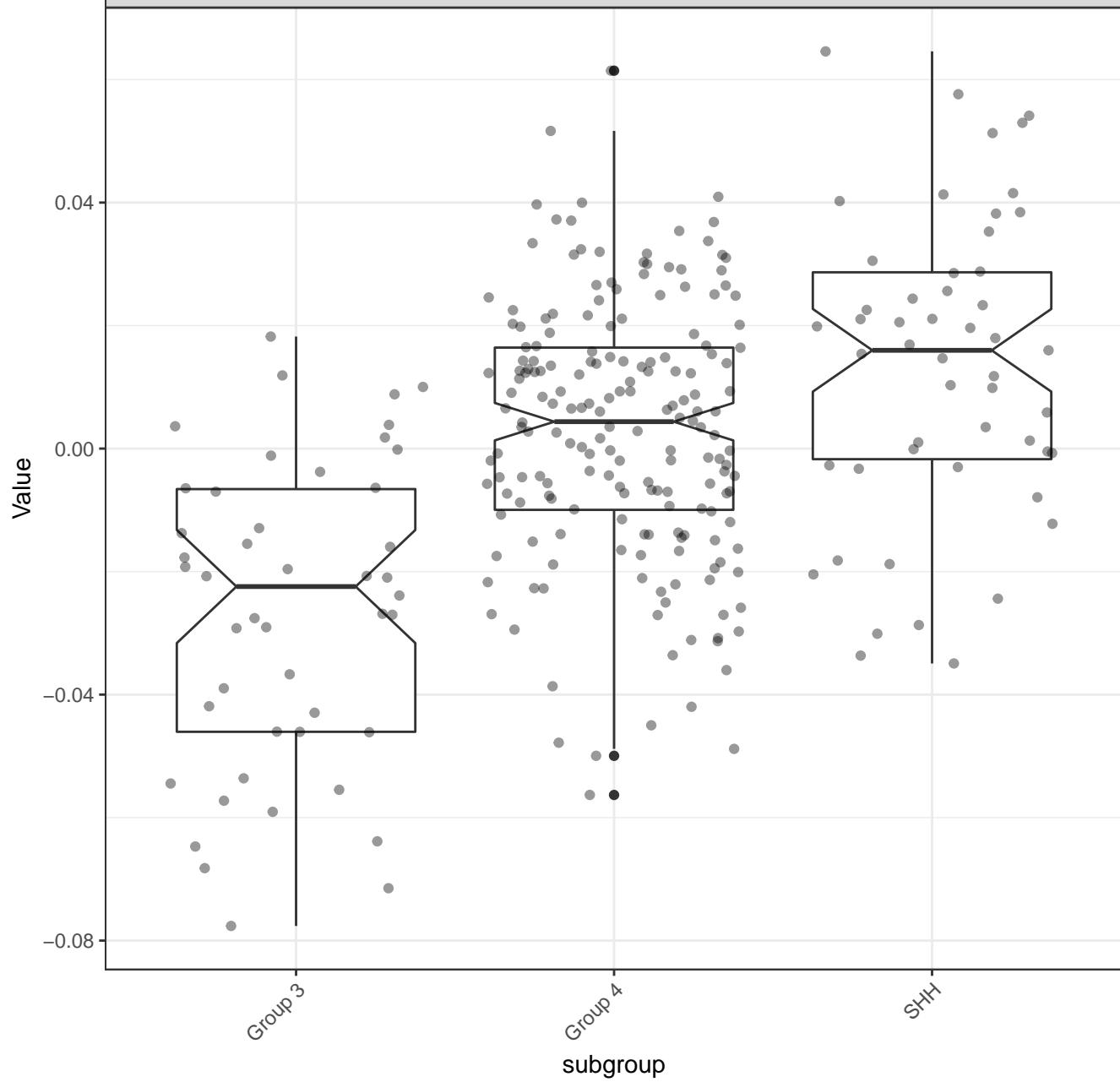


LV 802

Value



LV 803



LV 804

Value

0.2

0.1

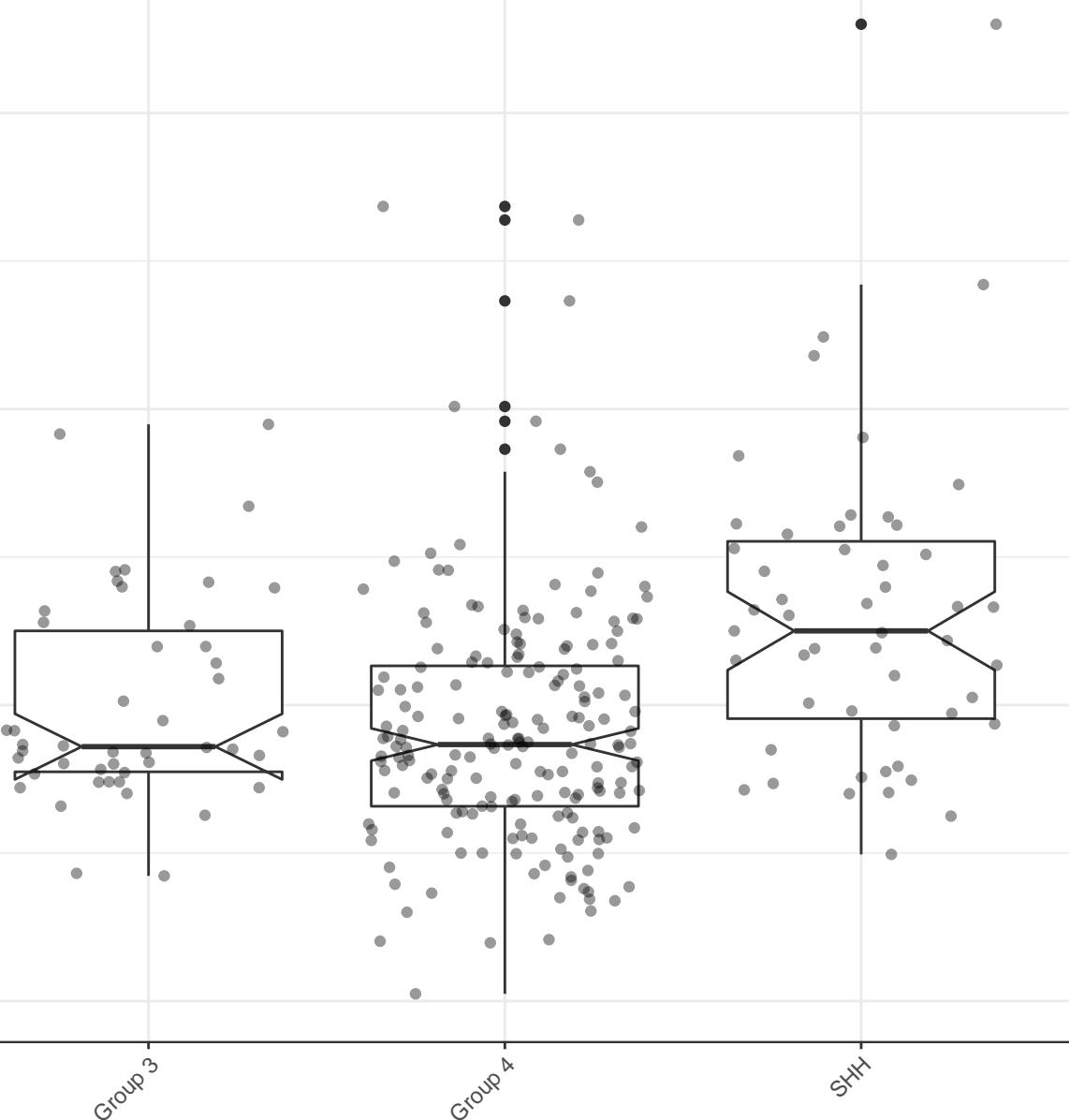
0.0

-0.1

Group³Group⁴

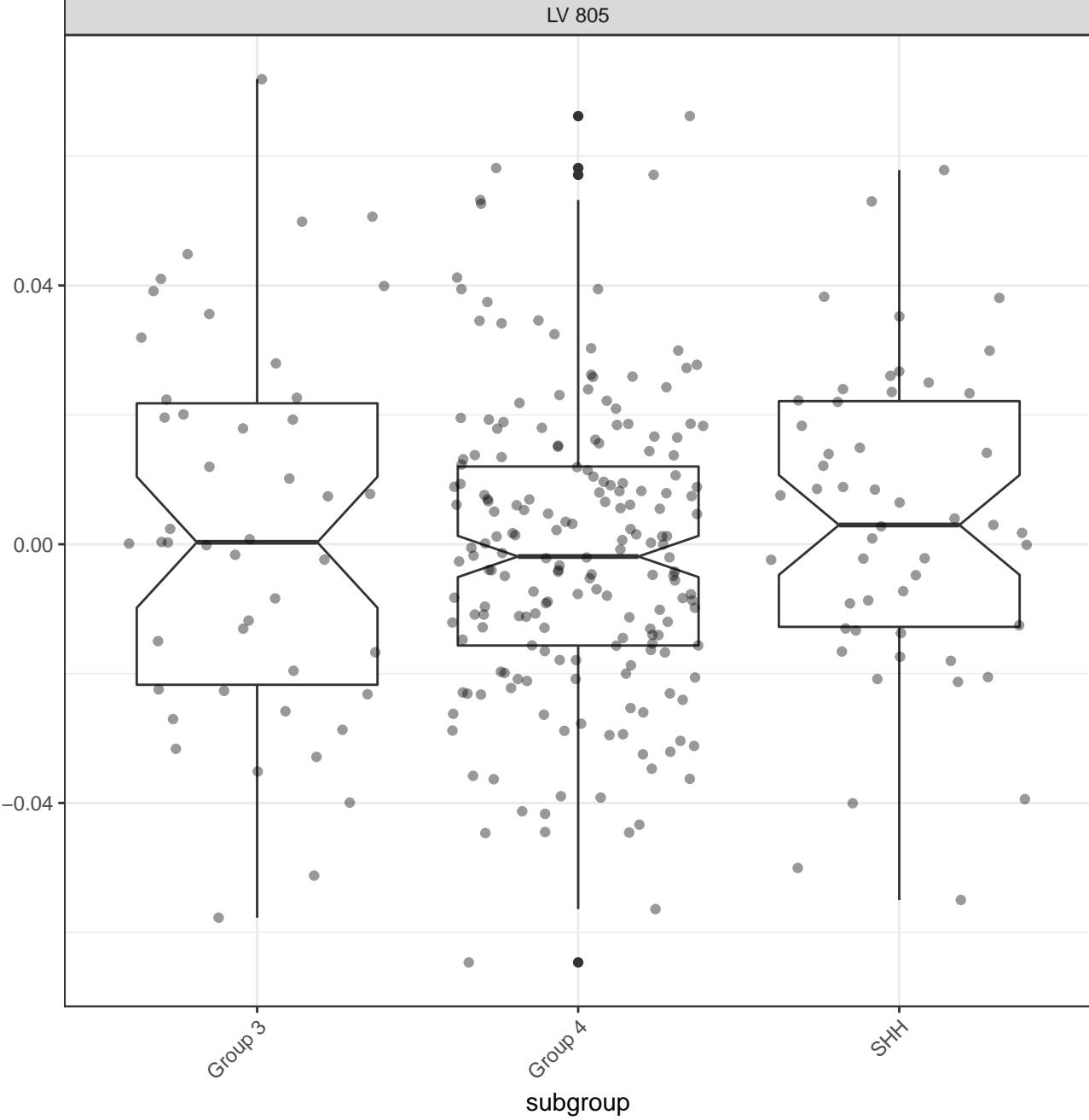
SHH

subgroup

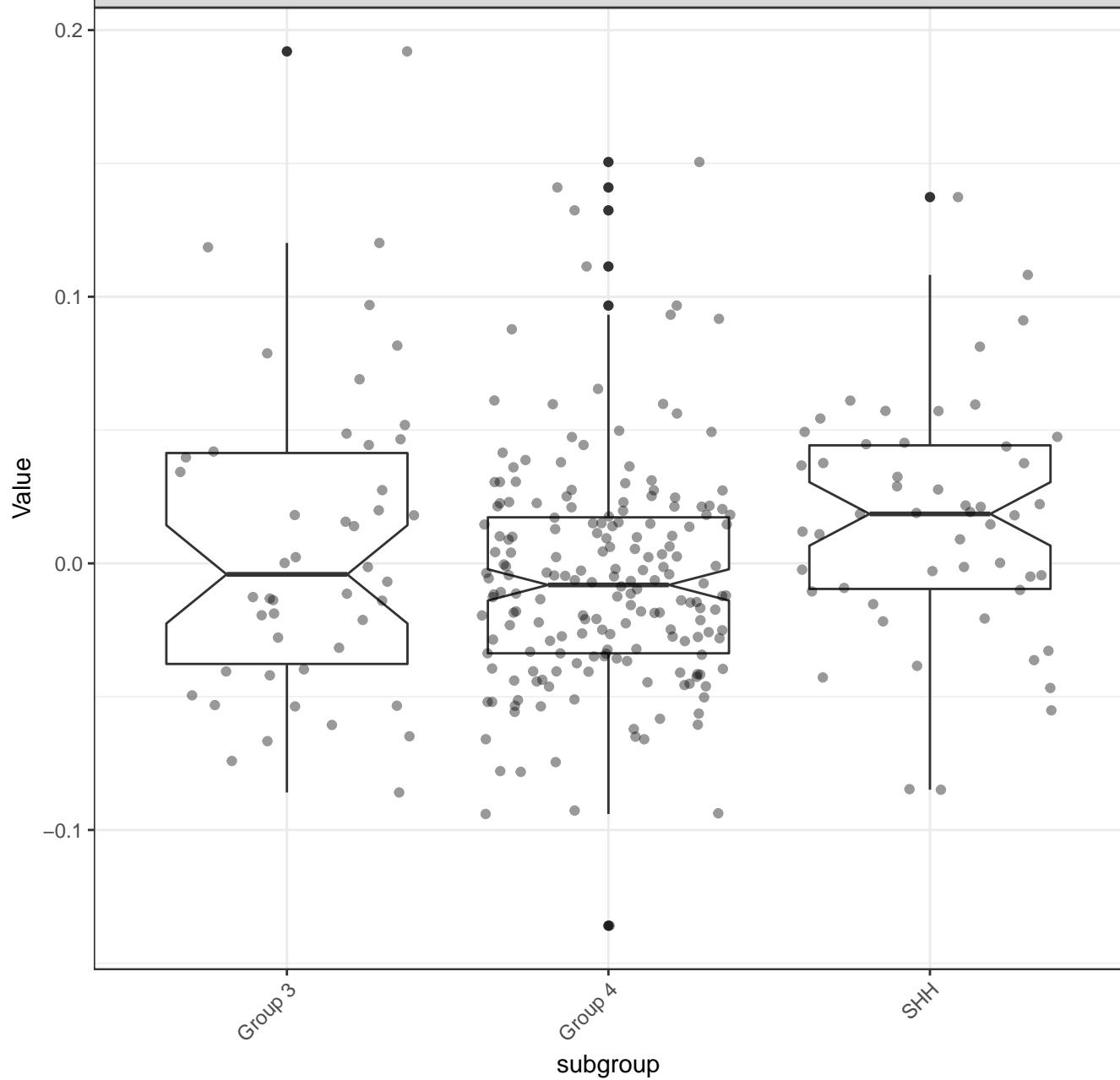


LV 805

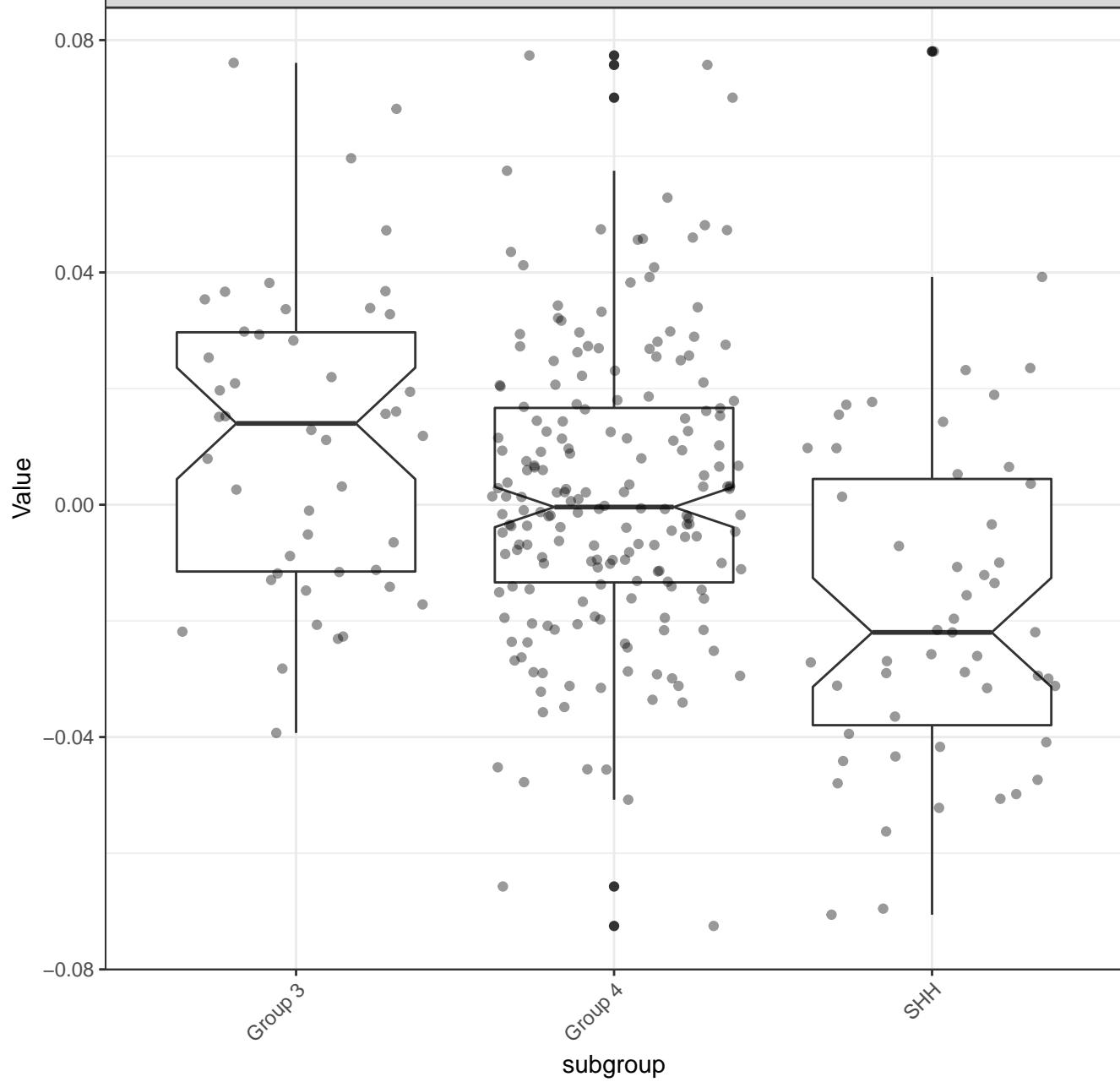
Value

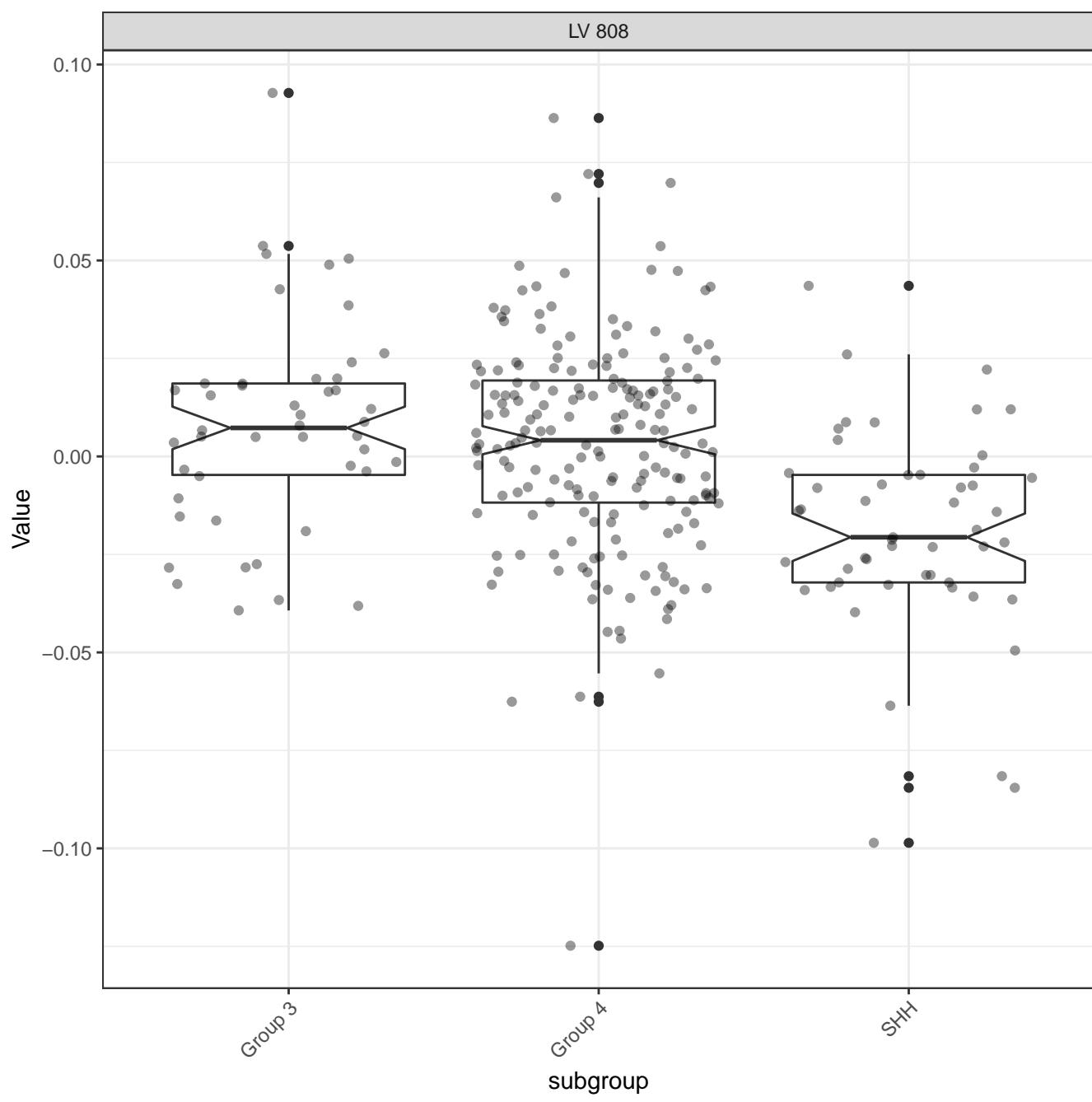


LV 806

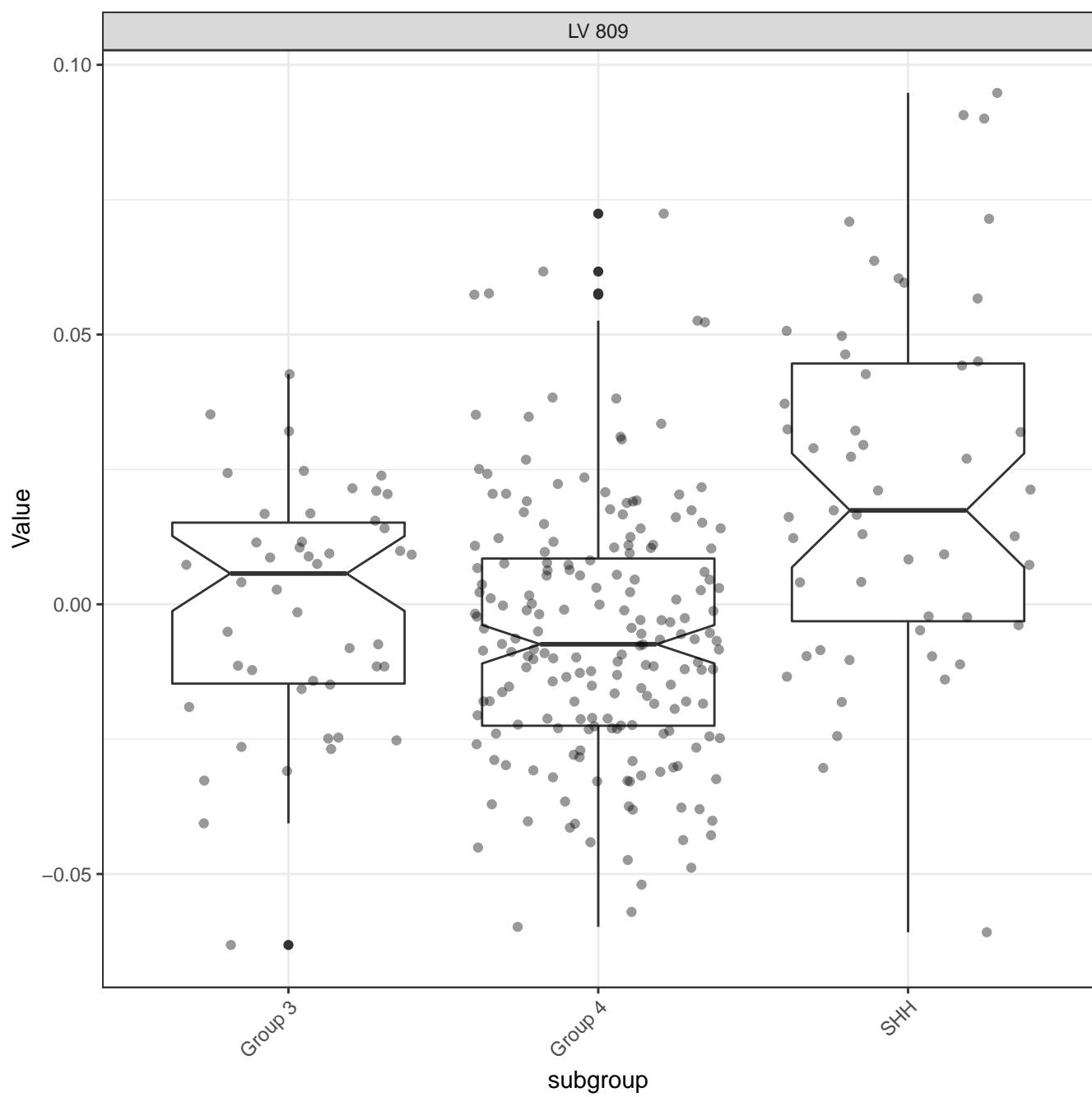


LV 807





LV 809



LV 810

Value

0.05

0.00

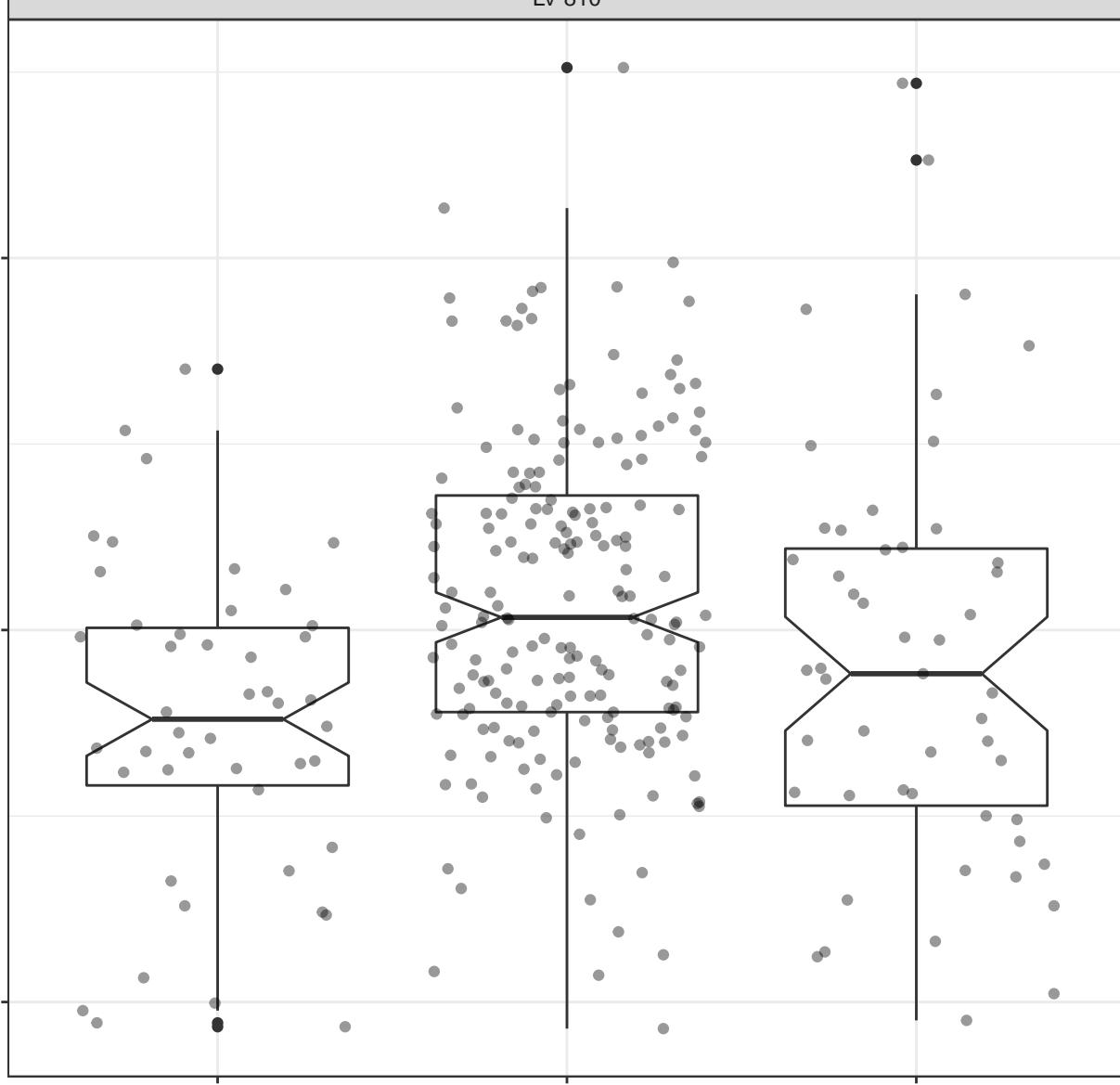
-0.05

Group 3

Group 4

SHH

subgroup



LV 811

Value

0.05

0.00

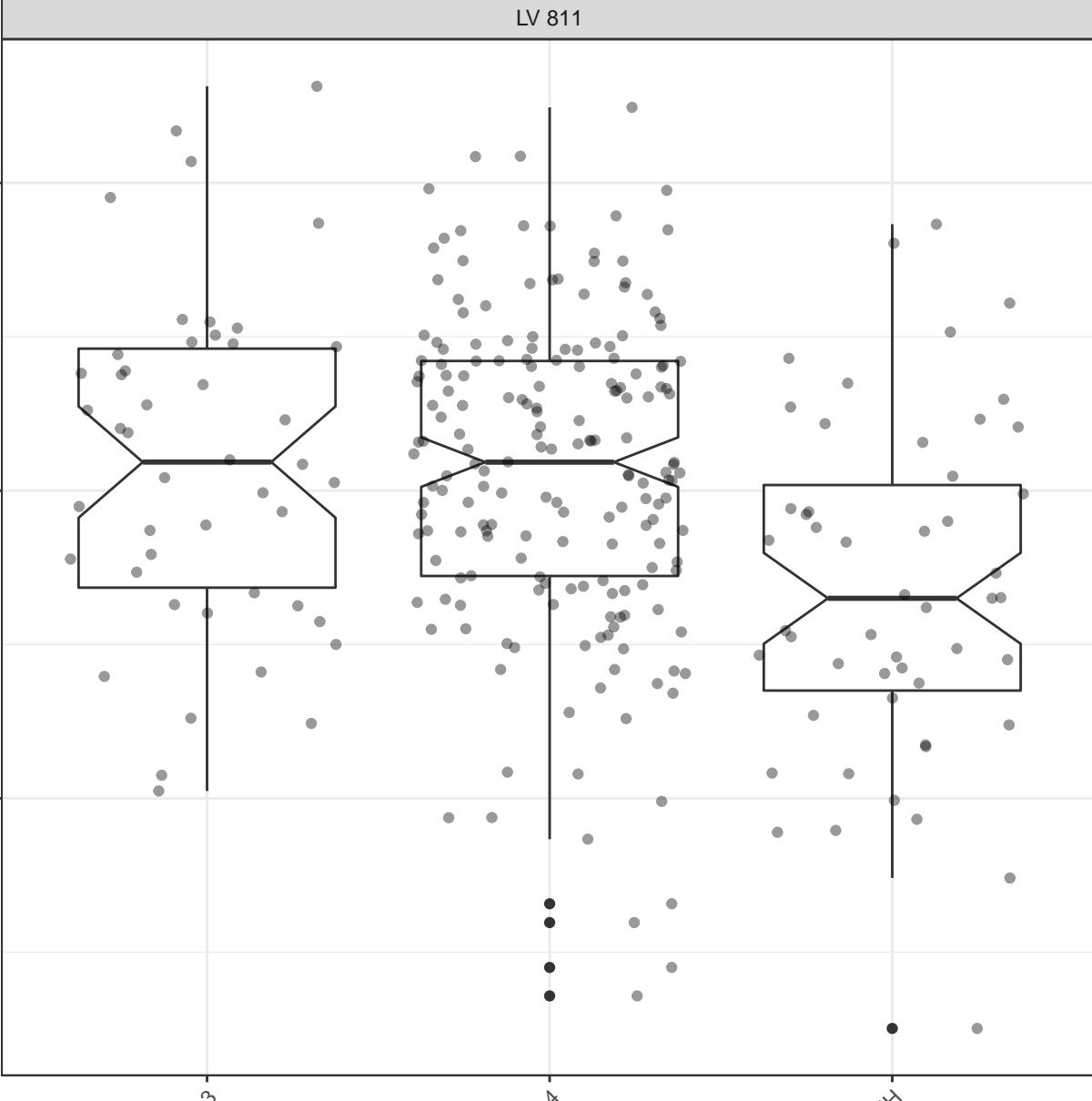
-0.05

Group 3

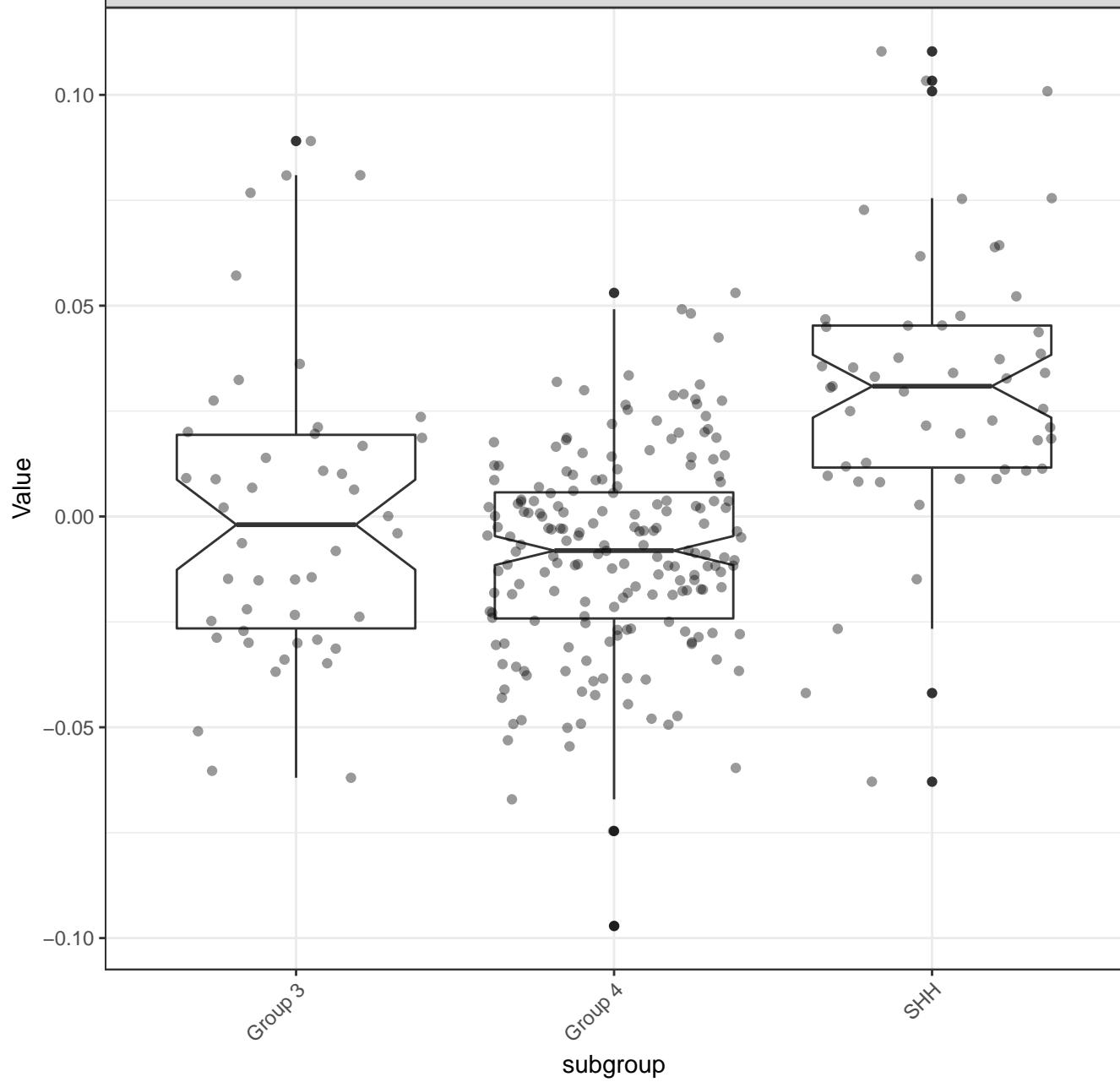
subgroup

Group 4

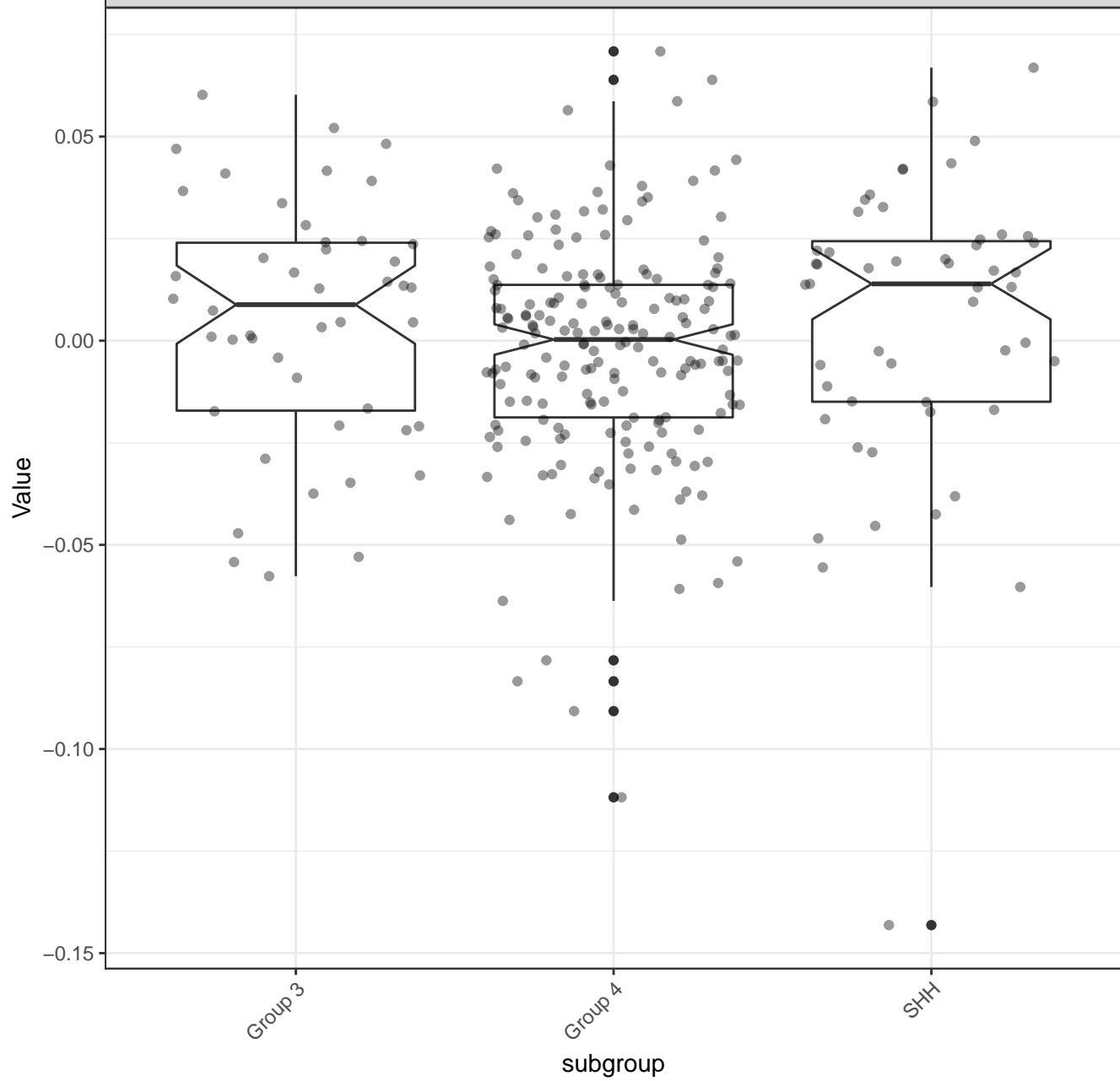
SHH



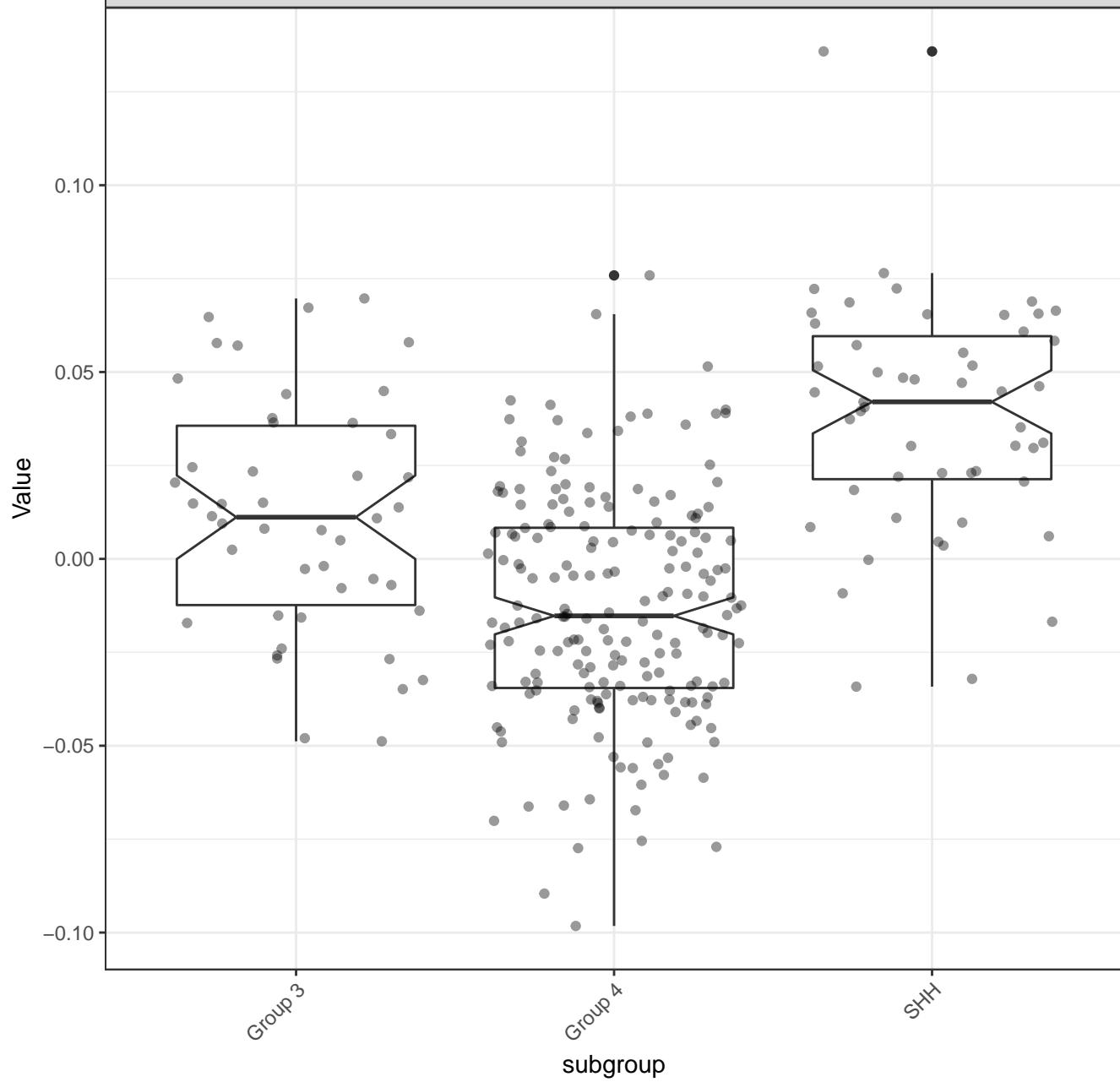
LV 812



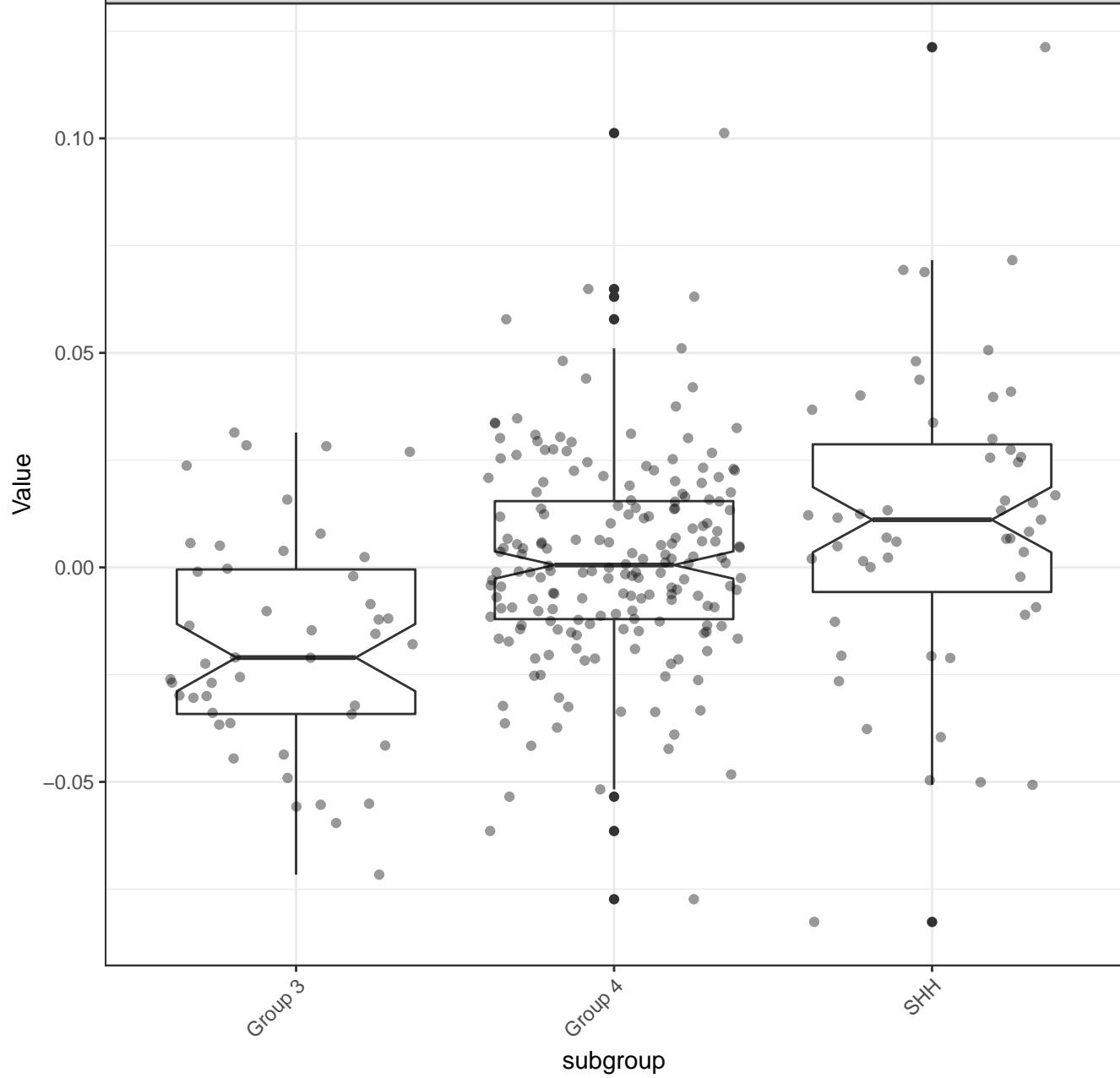
LV 813



LV 814



LV 815



LV 816

Value

0.4

0.2

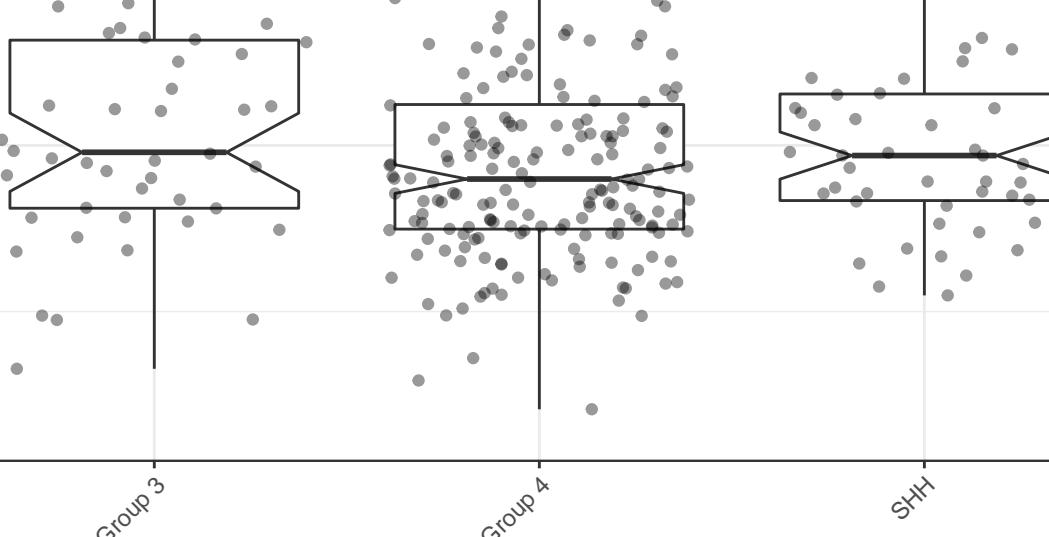
0.0

Group 3

Group 4

SHH

subgroup



LV 817

Value

0.10

0.05

0.00

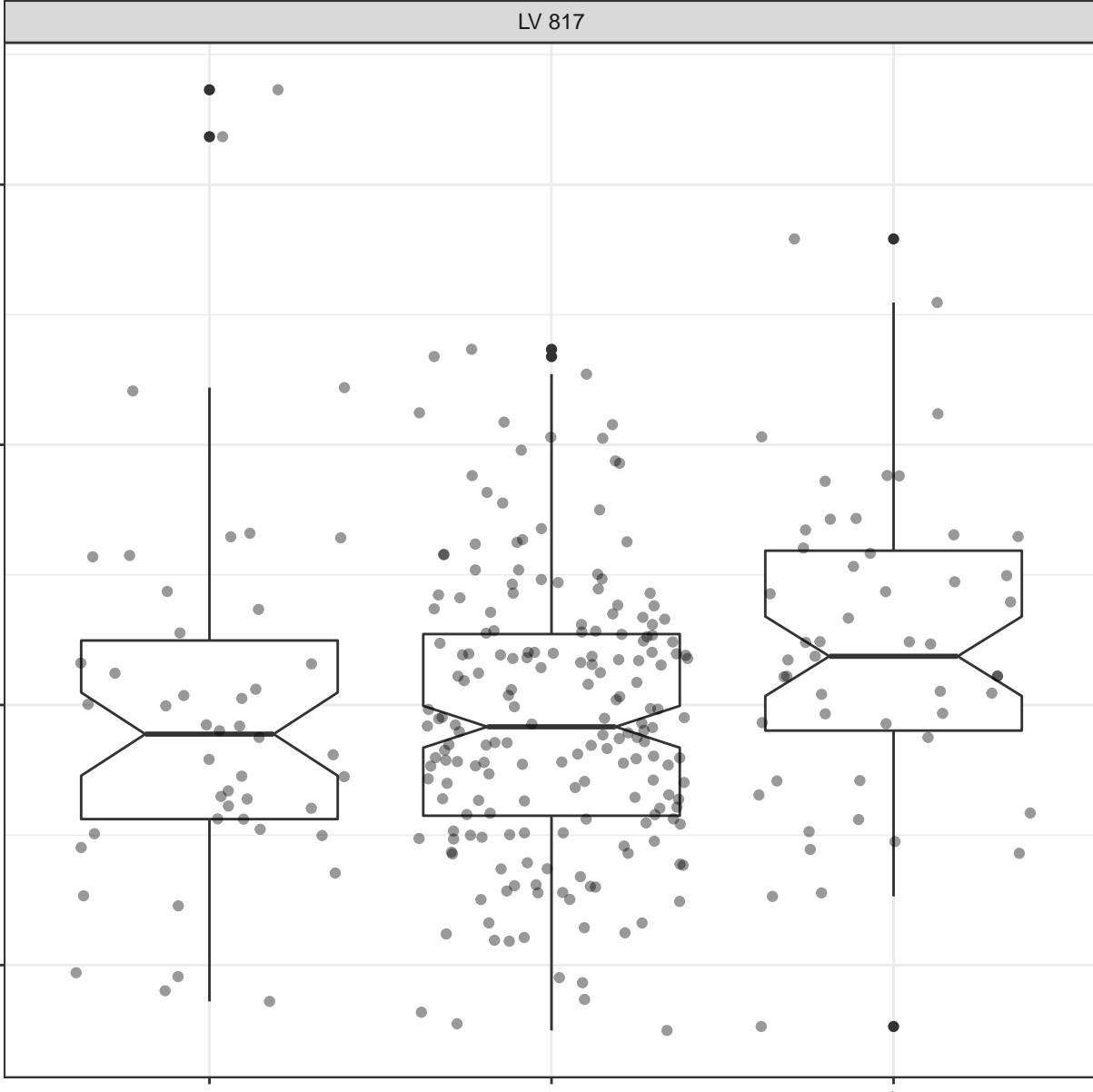
-0.05

Group 3

subgroup

Group 4

SHH



LV 818

Value

0.05

0.00

-0.05

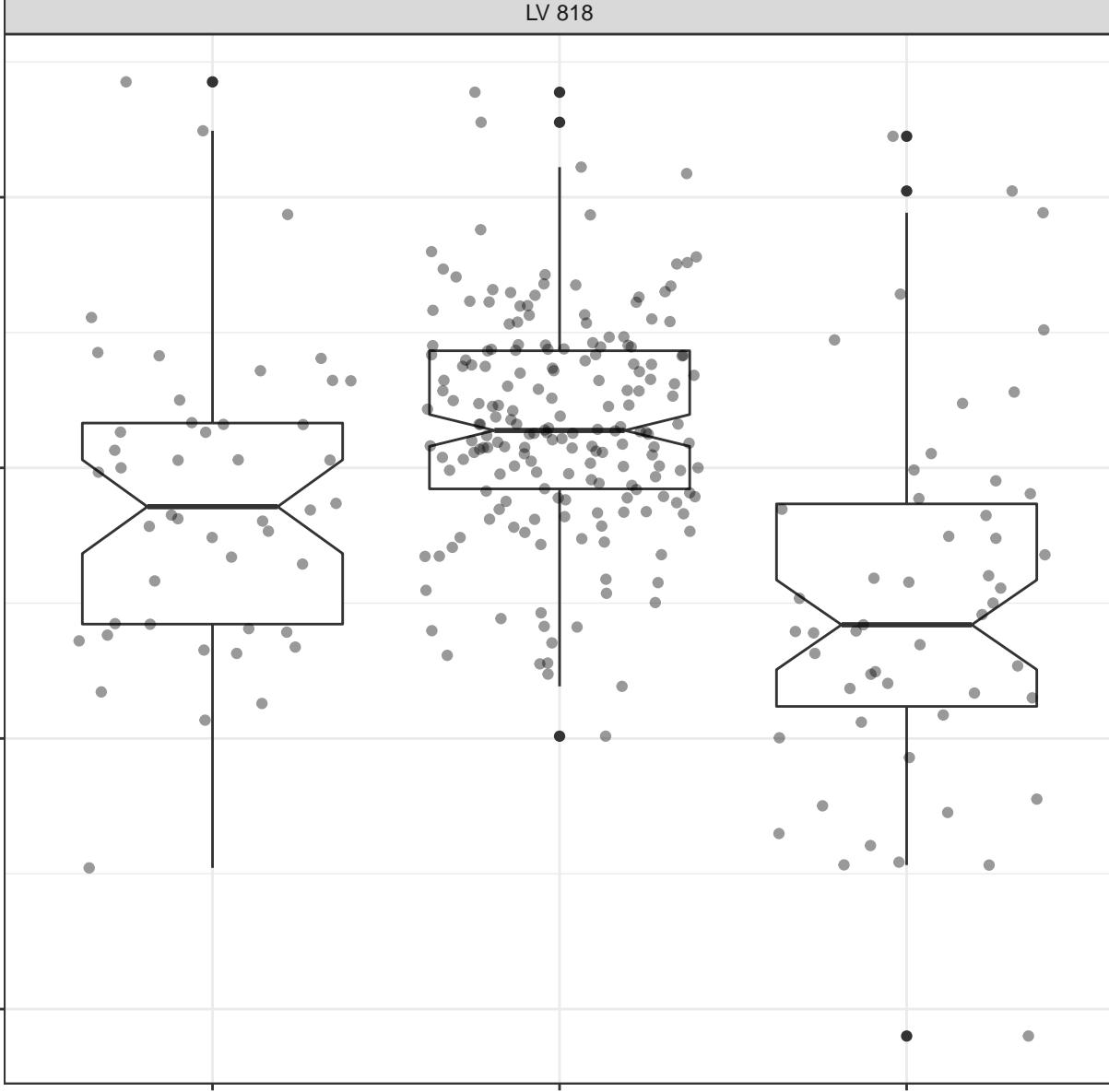
-0.10

Group 3

Group 4

SHH

subgroup



LV 819

Value

0.05

0.00

-0.05

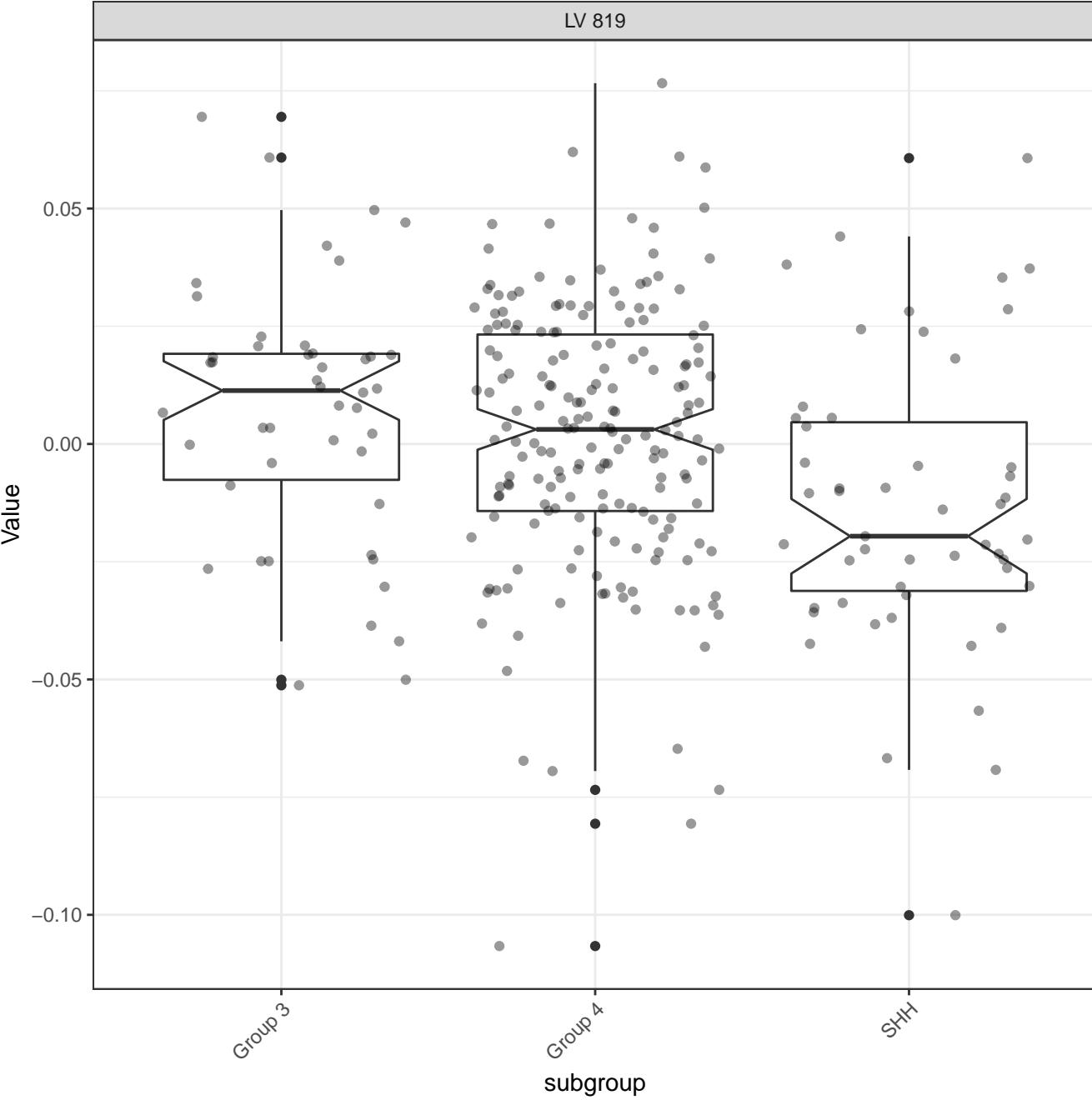
-0.10

Group 3

subgroup

SHH

Group 4



LV 820

Value

0.10

0.05

0.00

-0.05

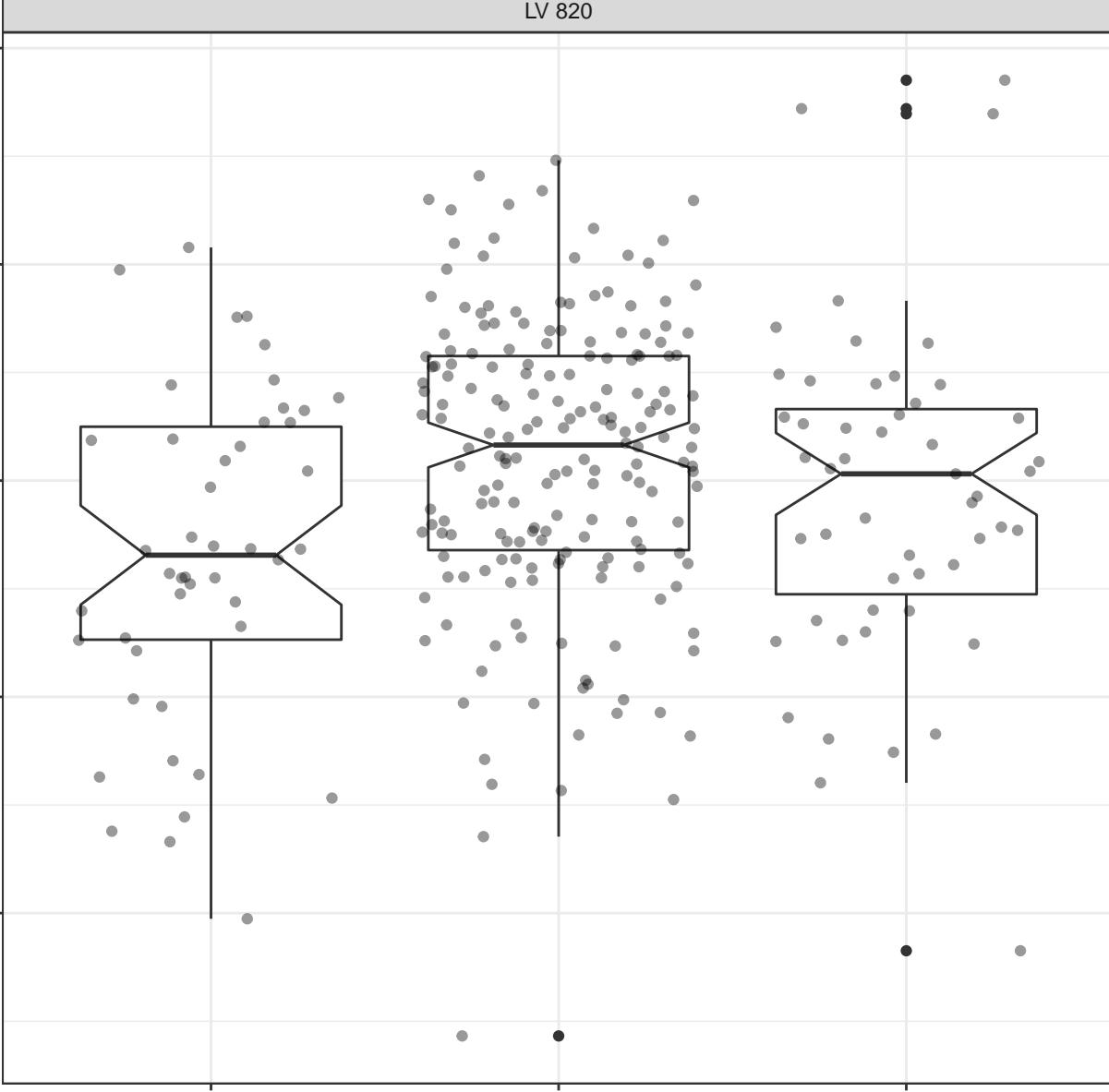
-0.10

Group 3

subgroup

Group 4

SHH



LV 821

Value

0.2

0.1

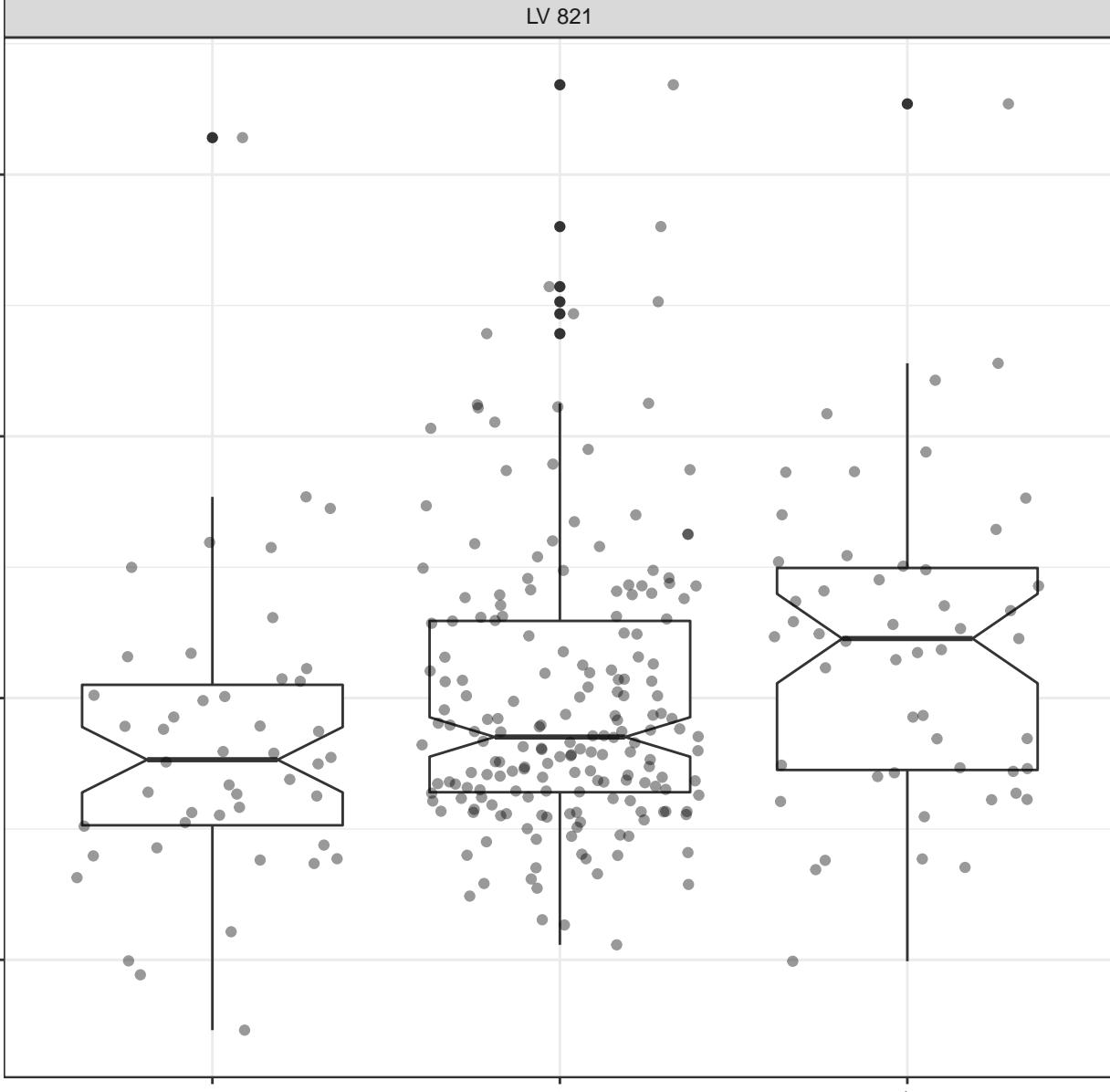
0.0

-0.1

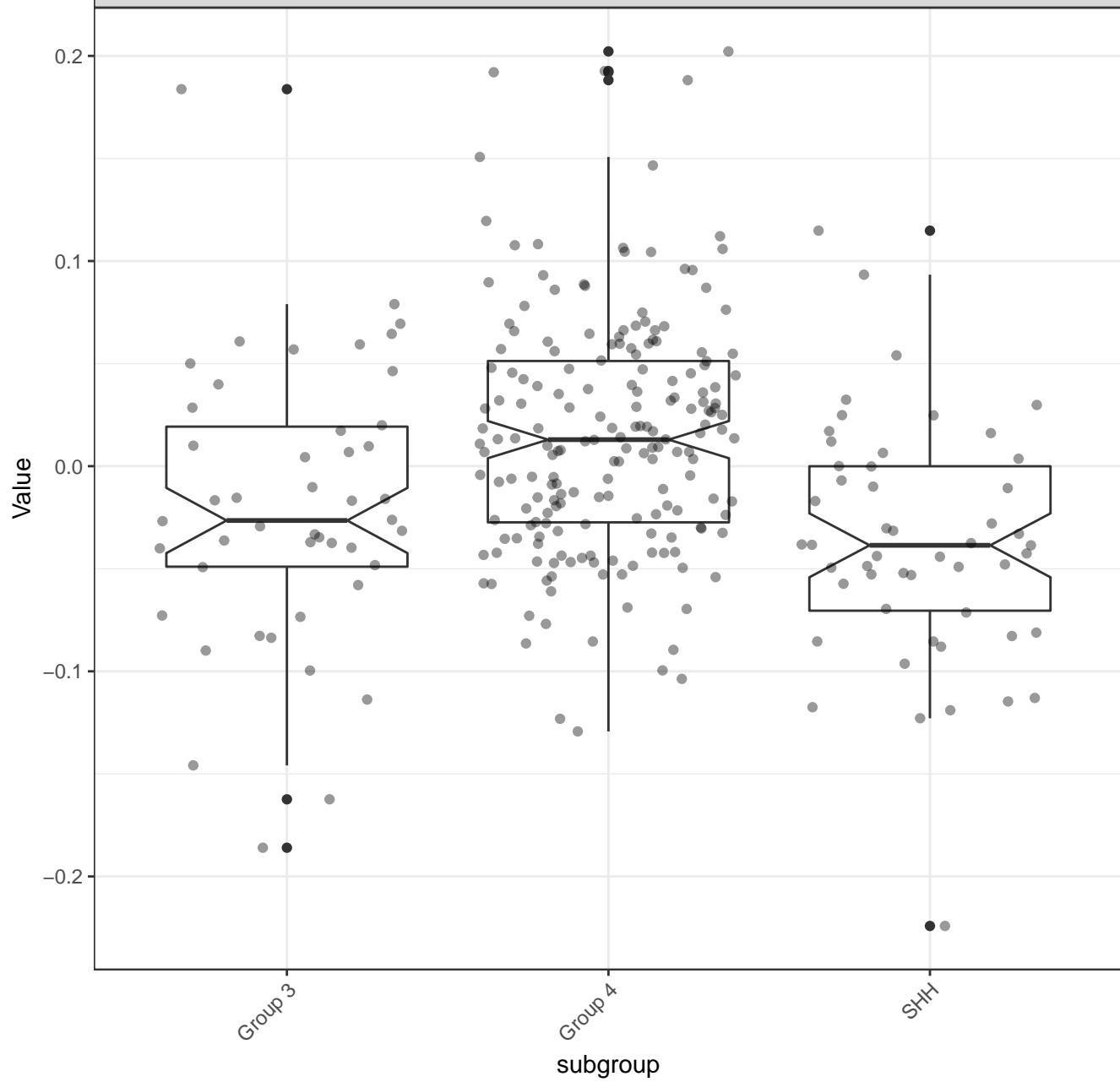
Group³Group⁴

SHH

subgroup



LV 822



823,SVM T cells CD4 memory resting

Value

0.2

0.1

0.0

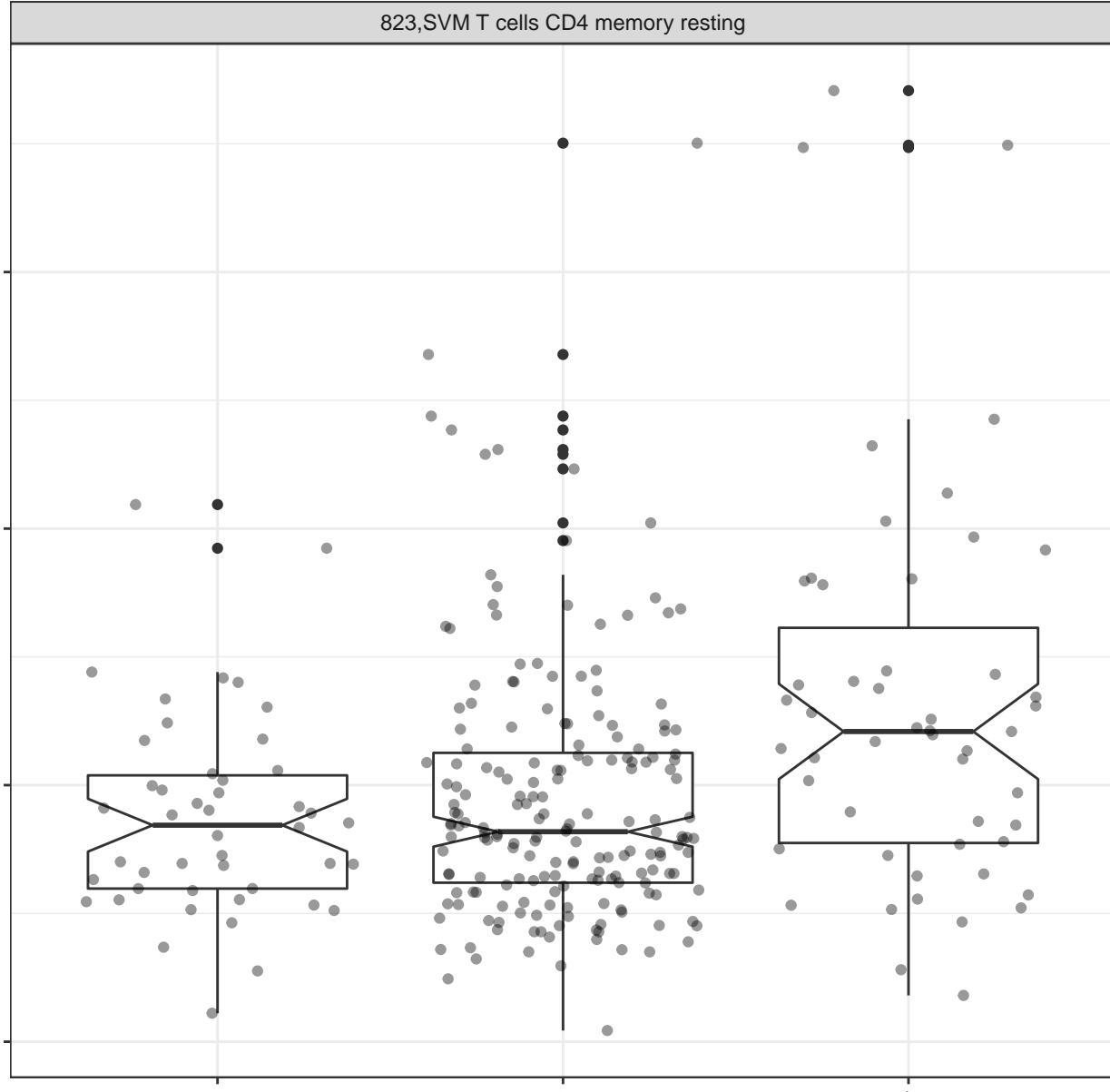
-0.1

Group³

Group⁴

SHH

subgroup



LV 824

Value

0.10

0.05

0.00

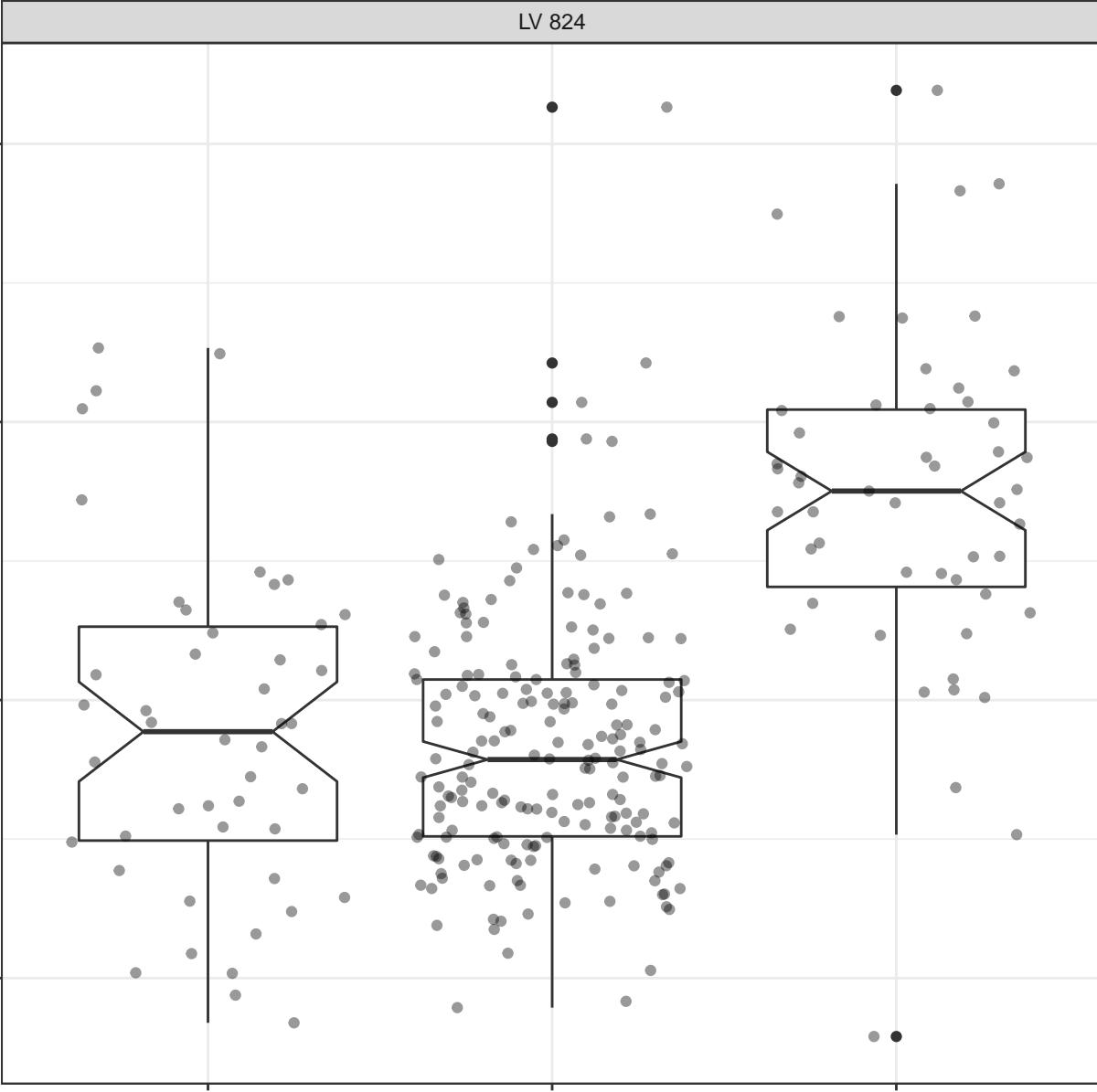
-0.05

Group 3

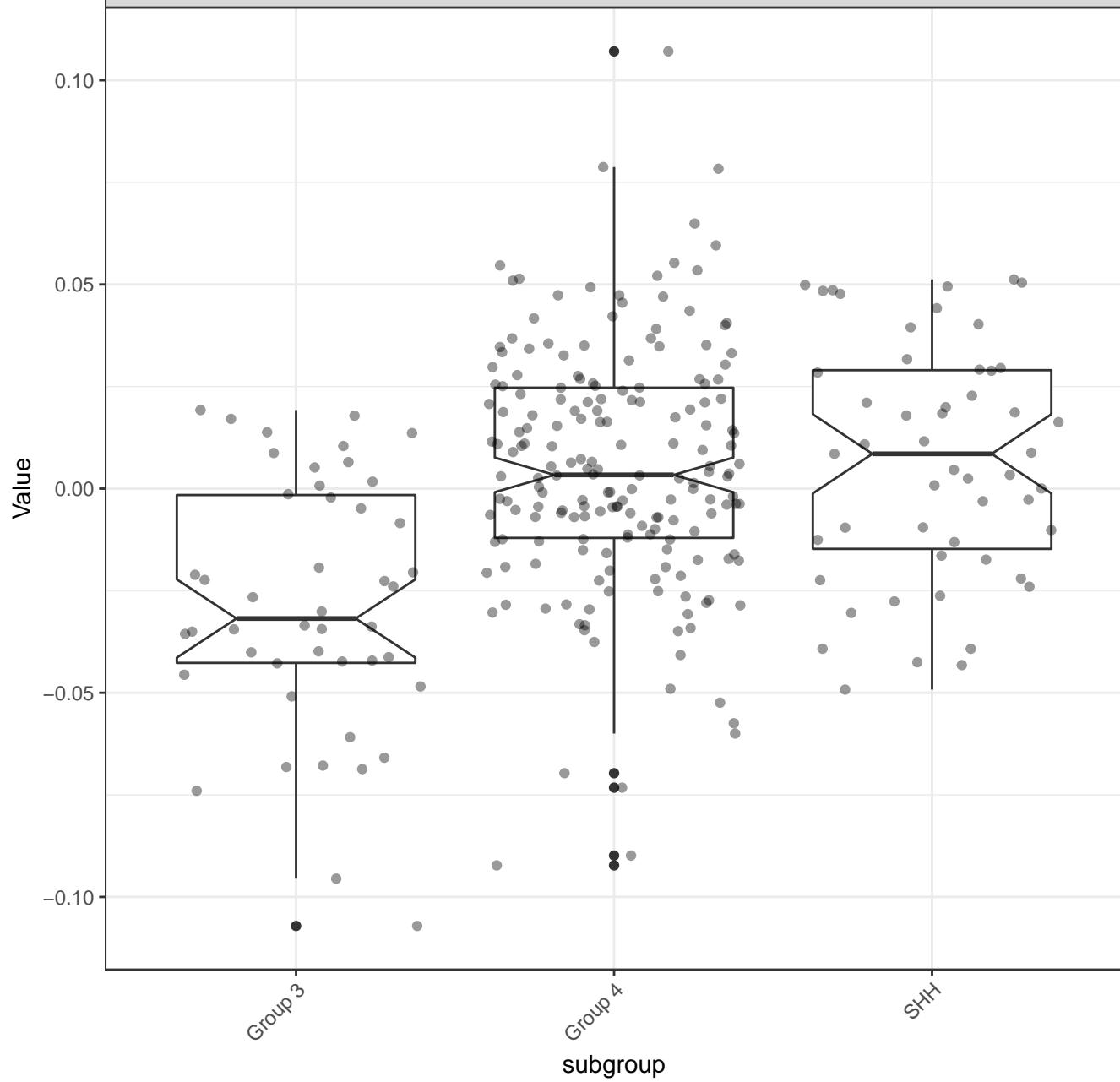
subgroup

Group 4

SHH



LV 825



LV 826

Value

0.05

0.00

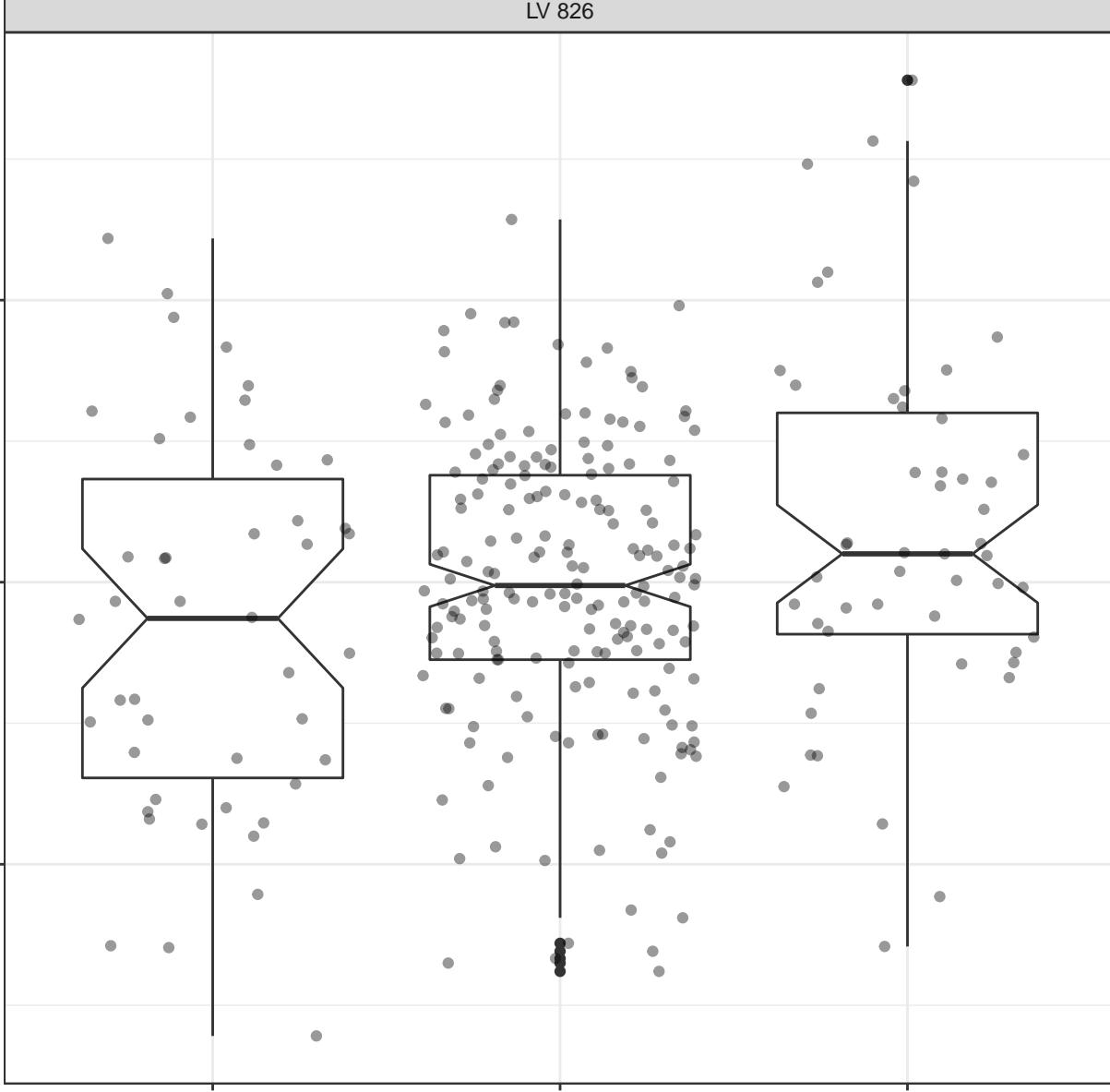
-0.05

Group 3

Group 4

SHH

subgroup



827,KEGG_B_CELL_RECEPTOR_SIGNALING_PATHWAY

Value

0.2

0.1

0.0

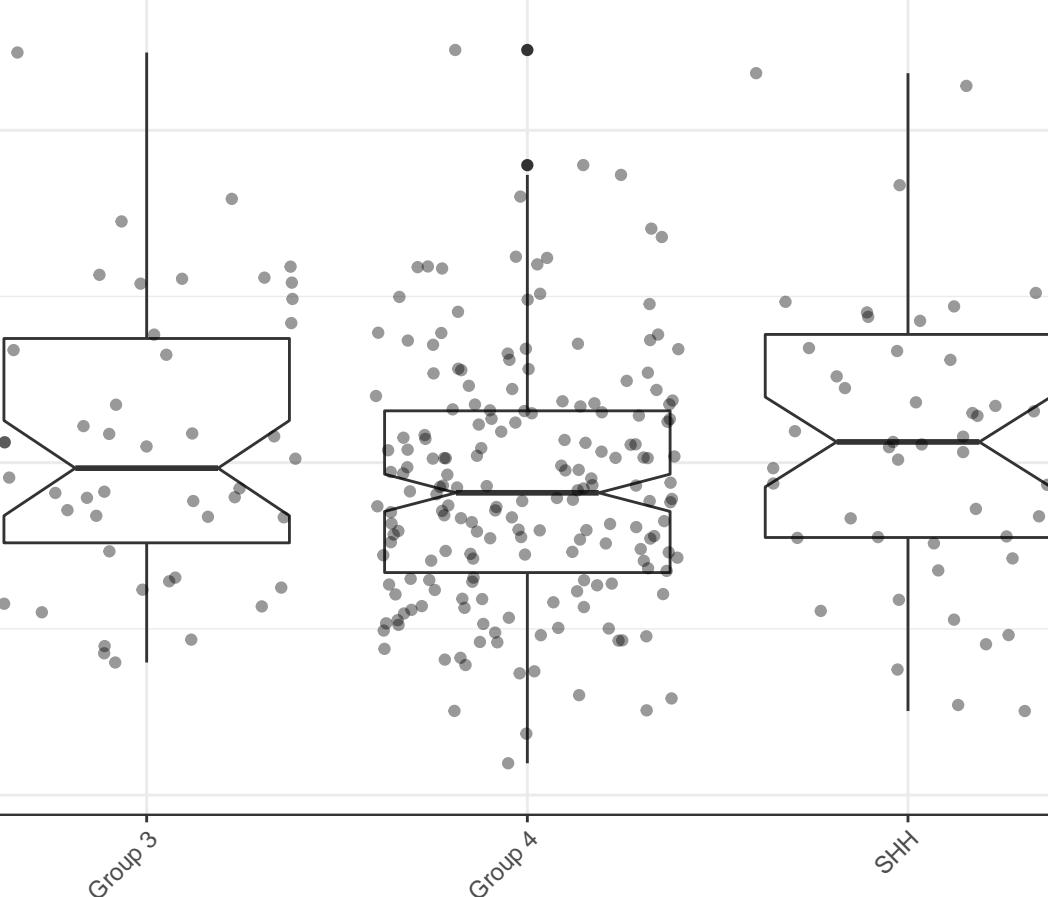
-0.1

Group 3

Group 4

SHH

subgroup



LV 828

Value

0.2

0.1

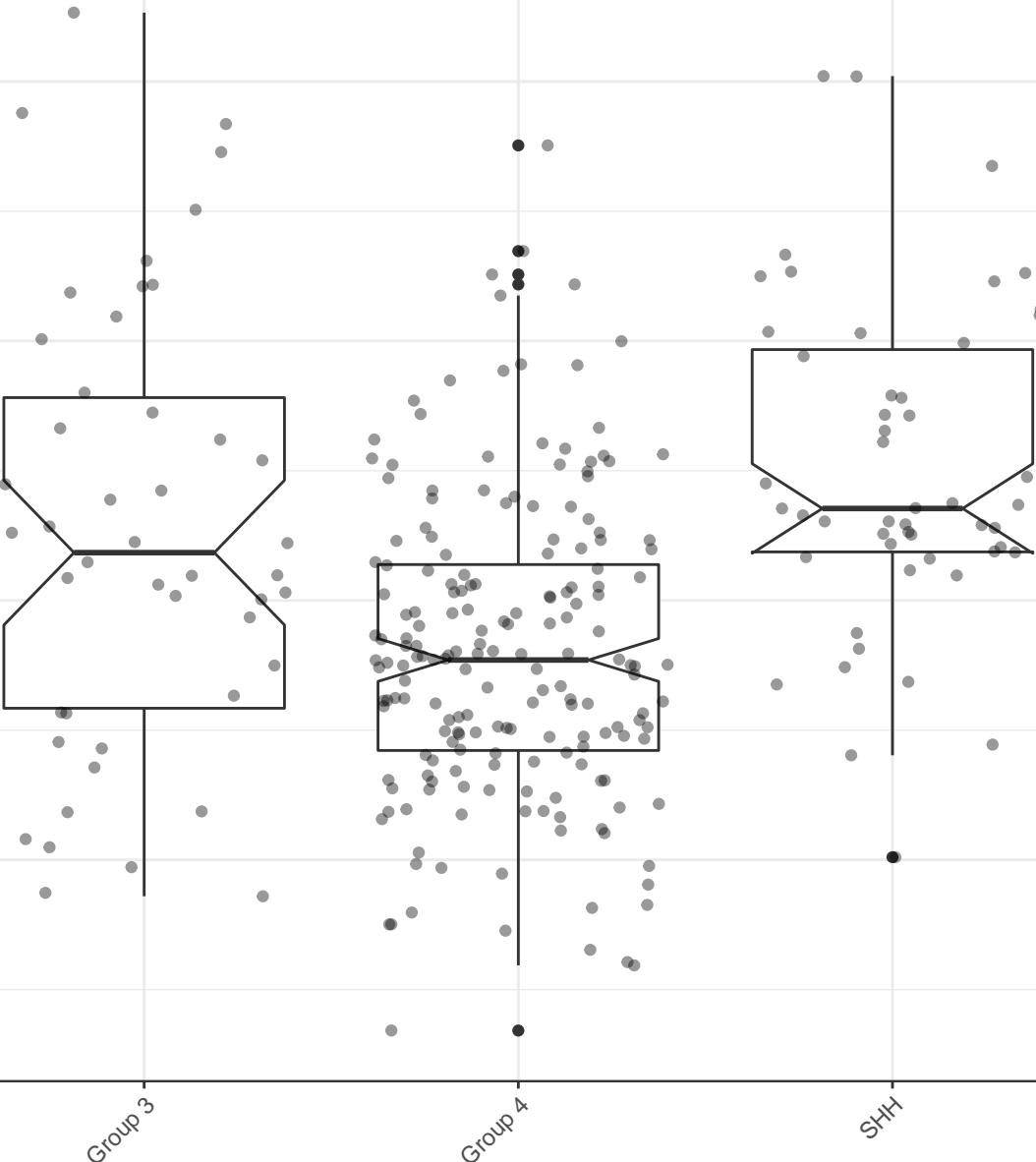
0.0

-0.1

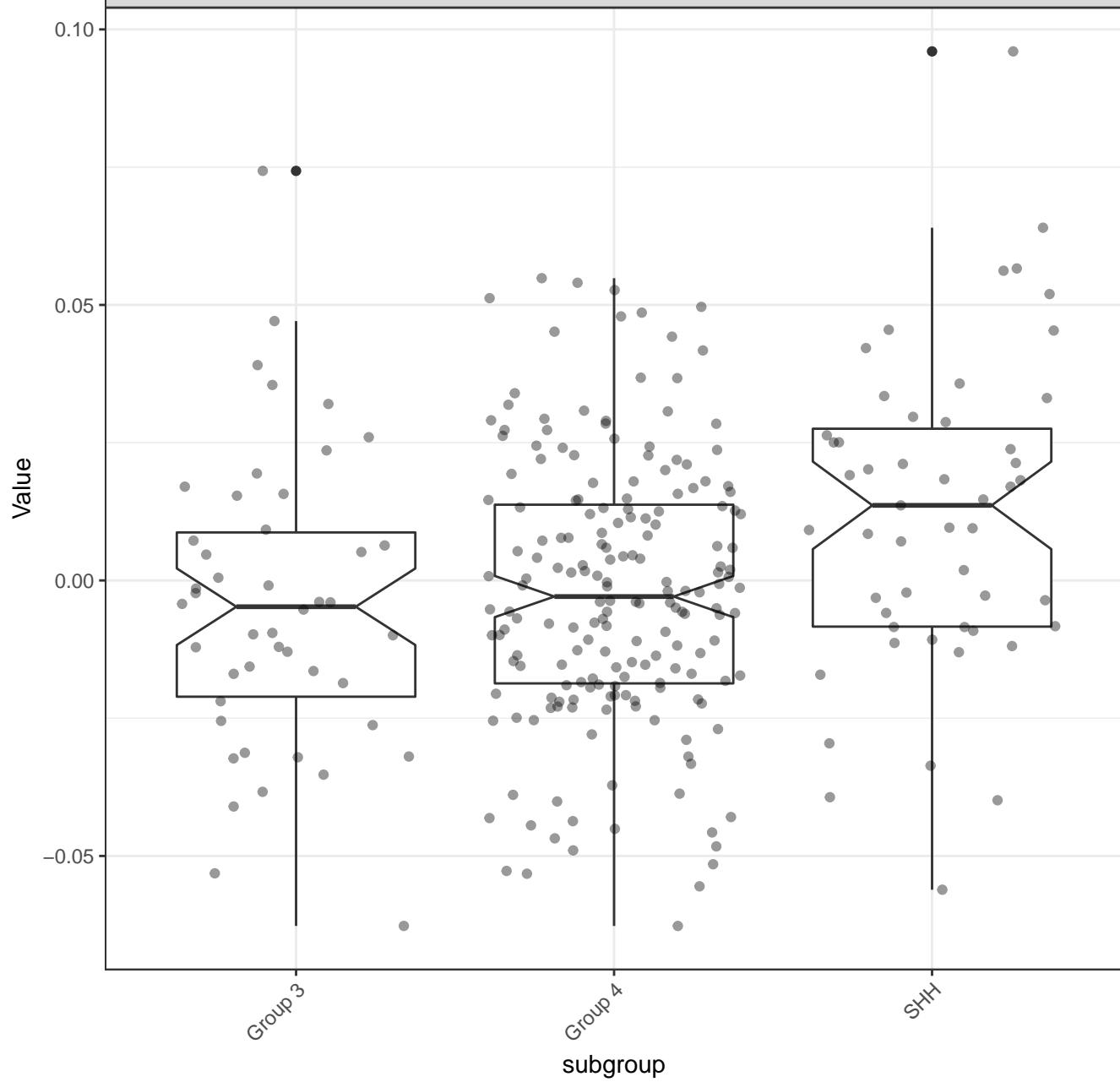
Group³

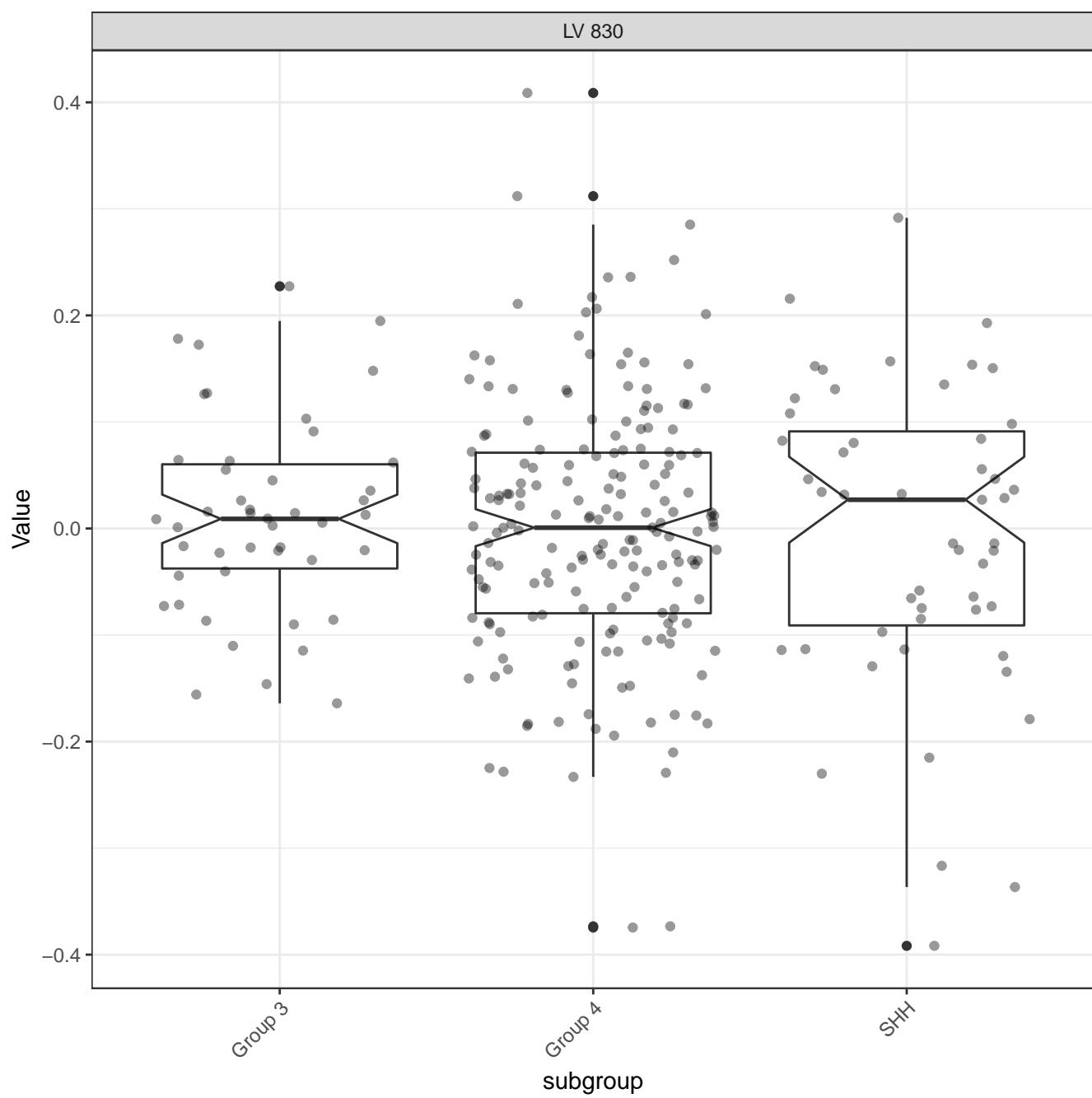
subgroup

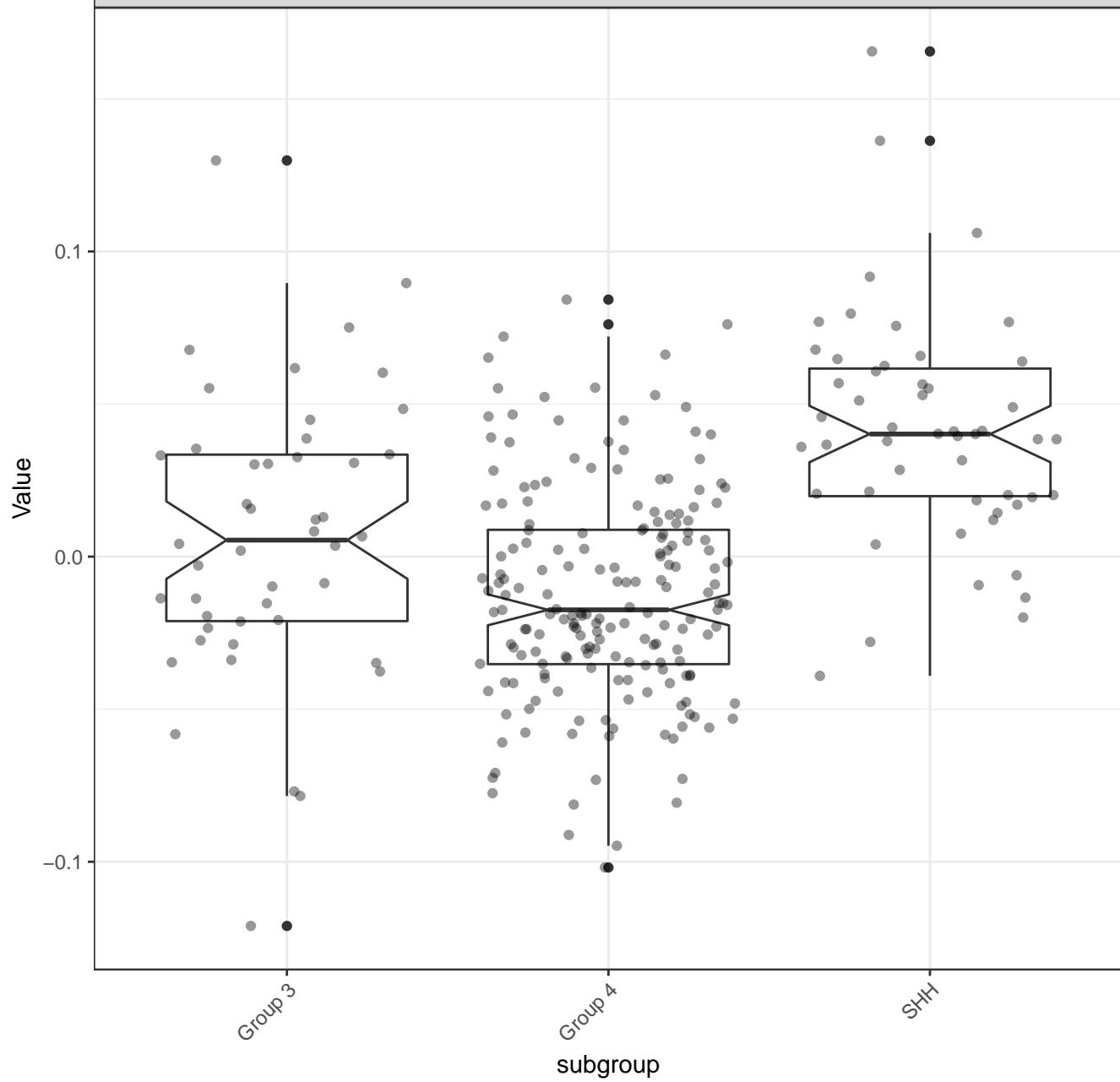
SHH



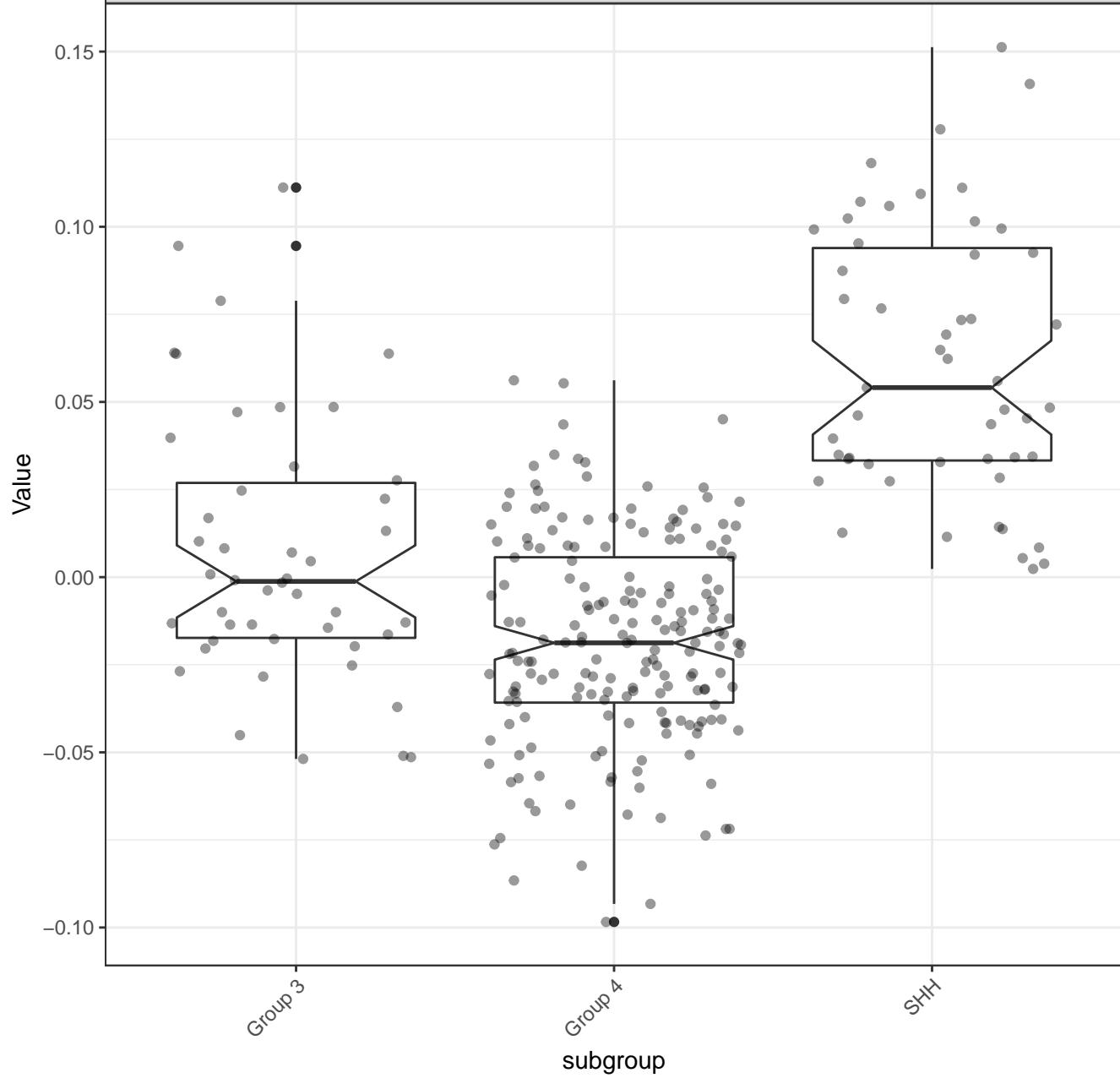
LV 829



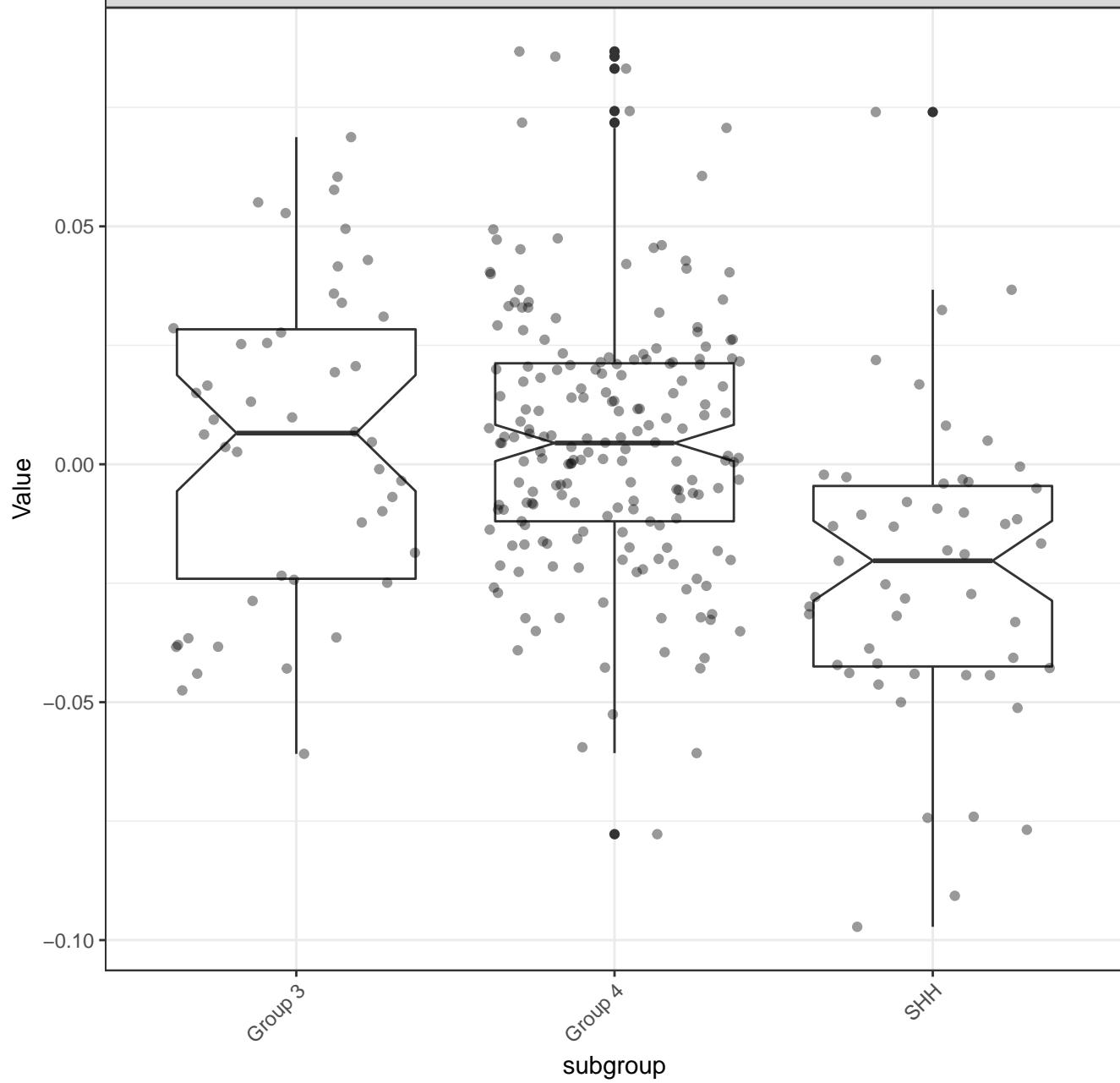




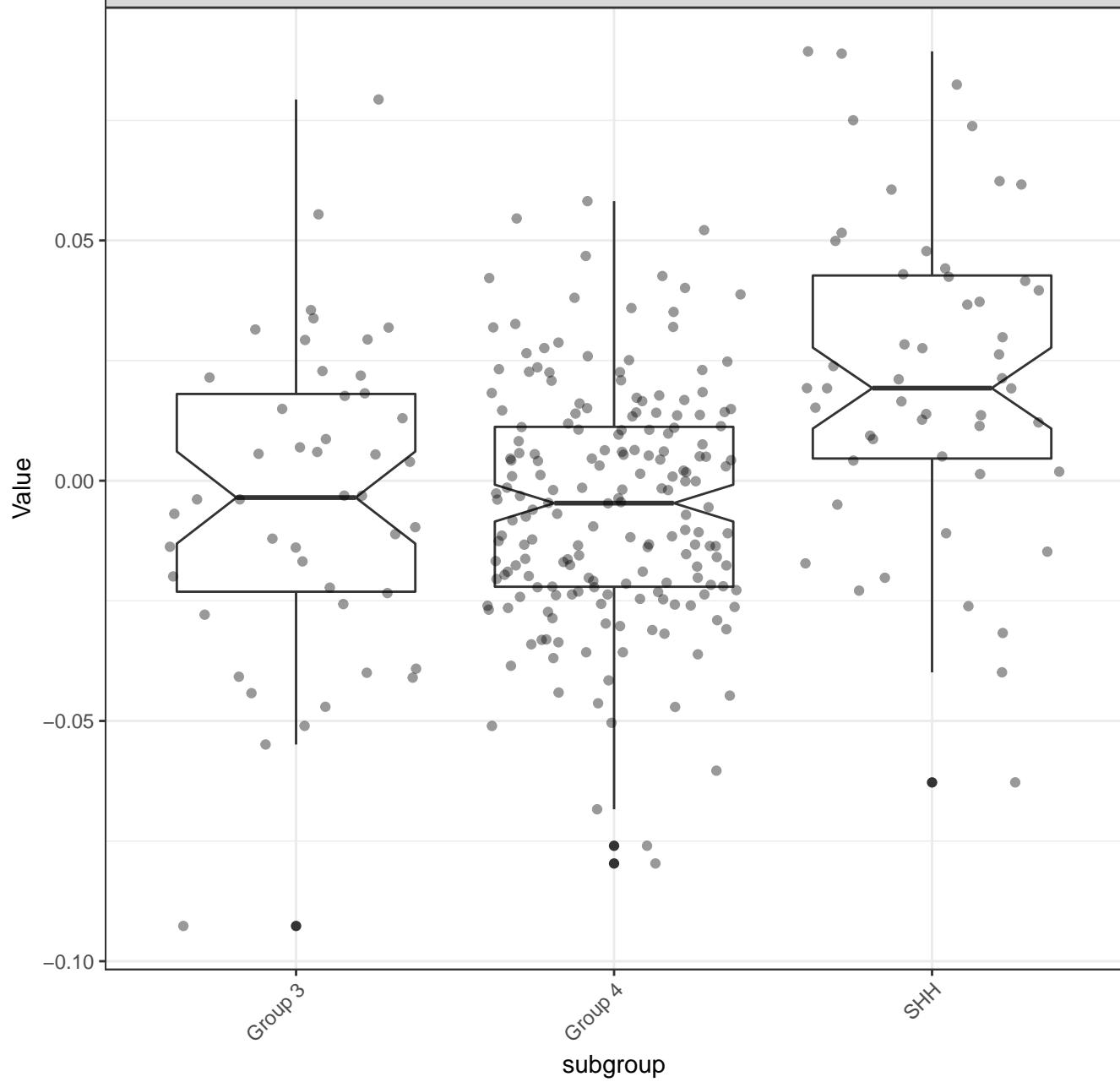
832,KEGG_CYSTEINE_AND_METHIONINE_METABOLISM



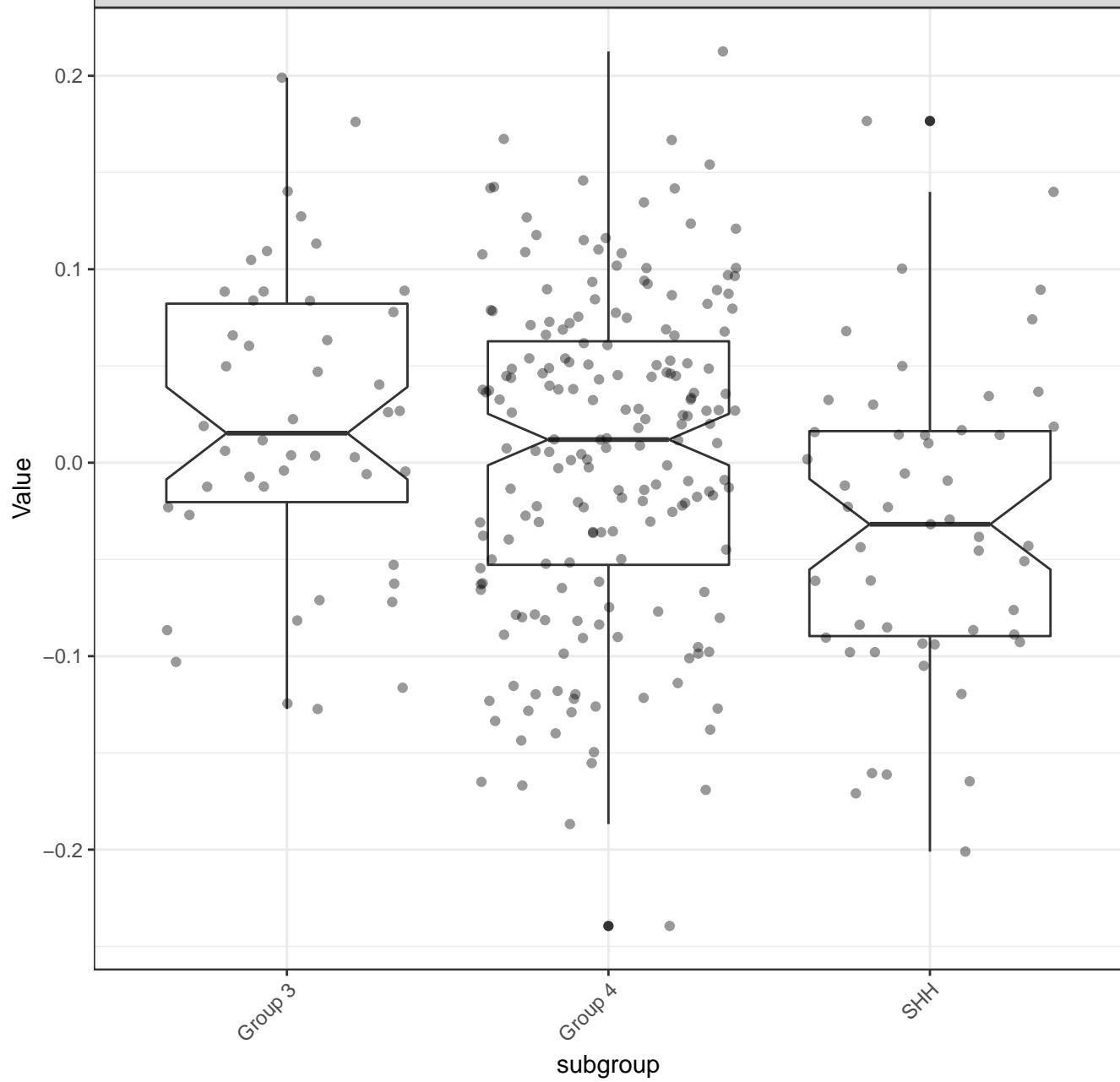
LV 833



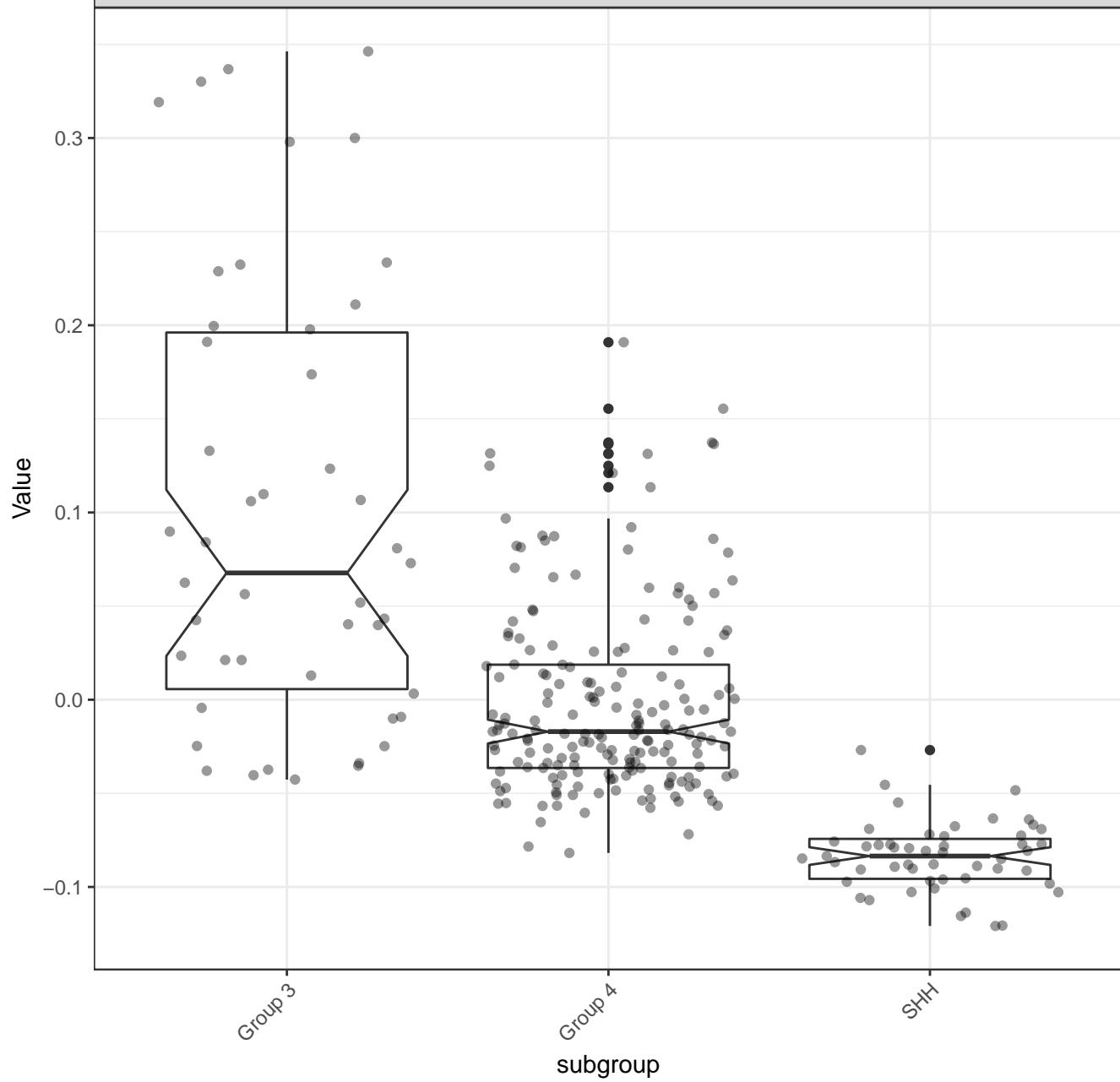
LV 834



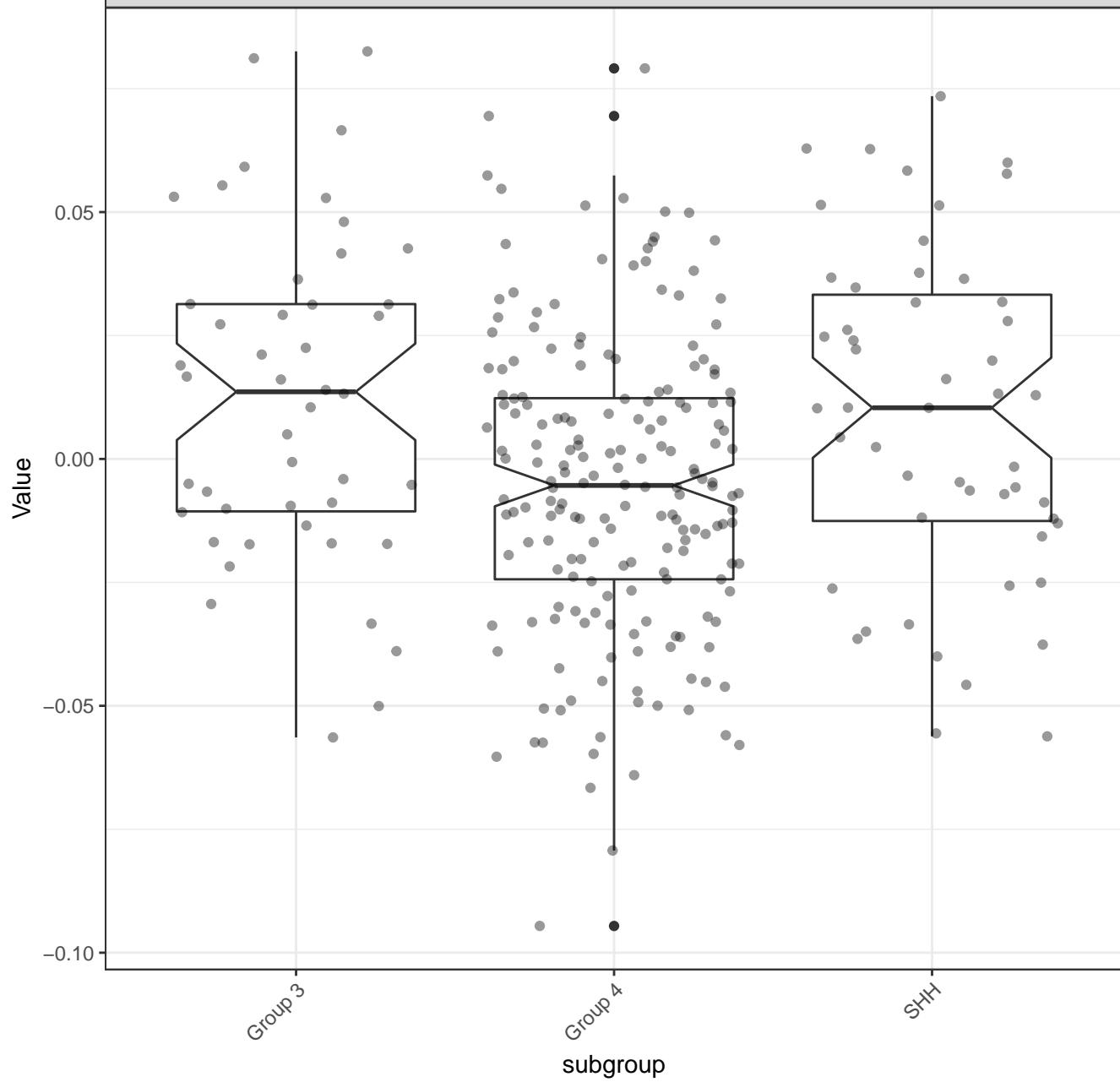
LV 835



LV 836



LV 837



LV 838

Value

0.1

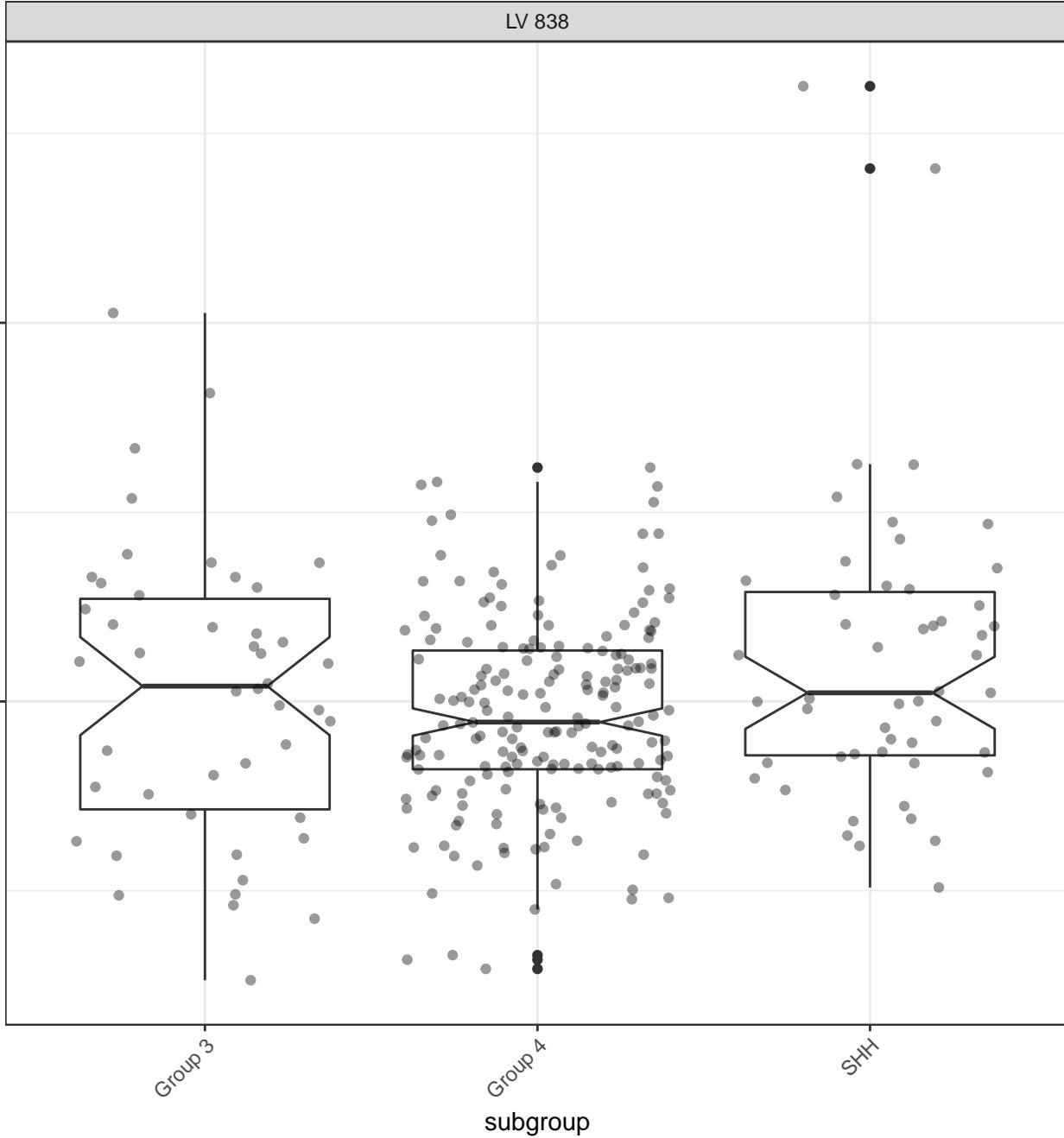
0.0

Group 3

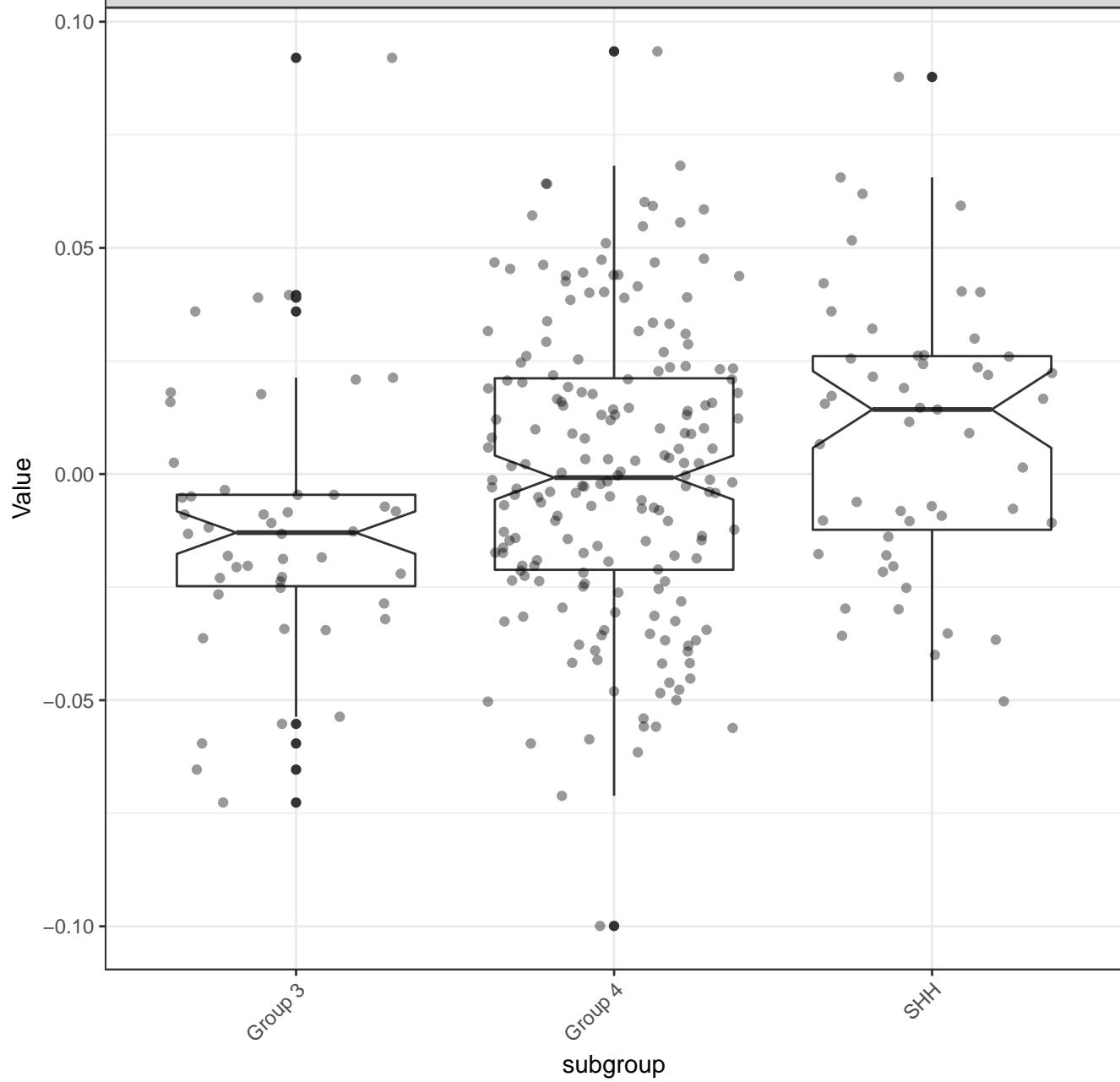
Group 4

SHH

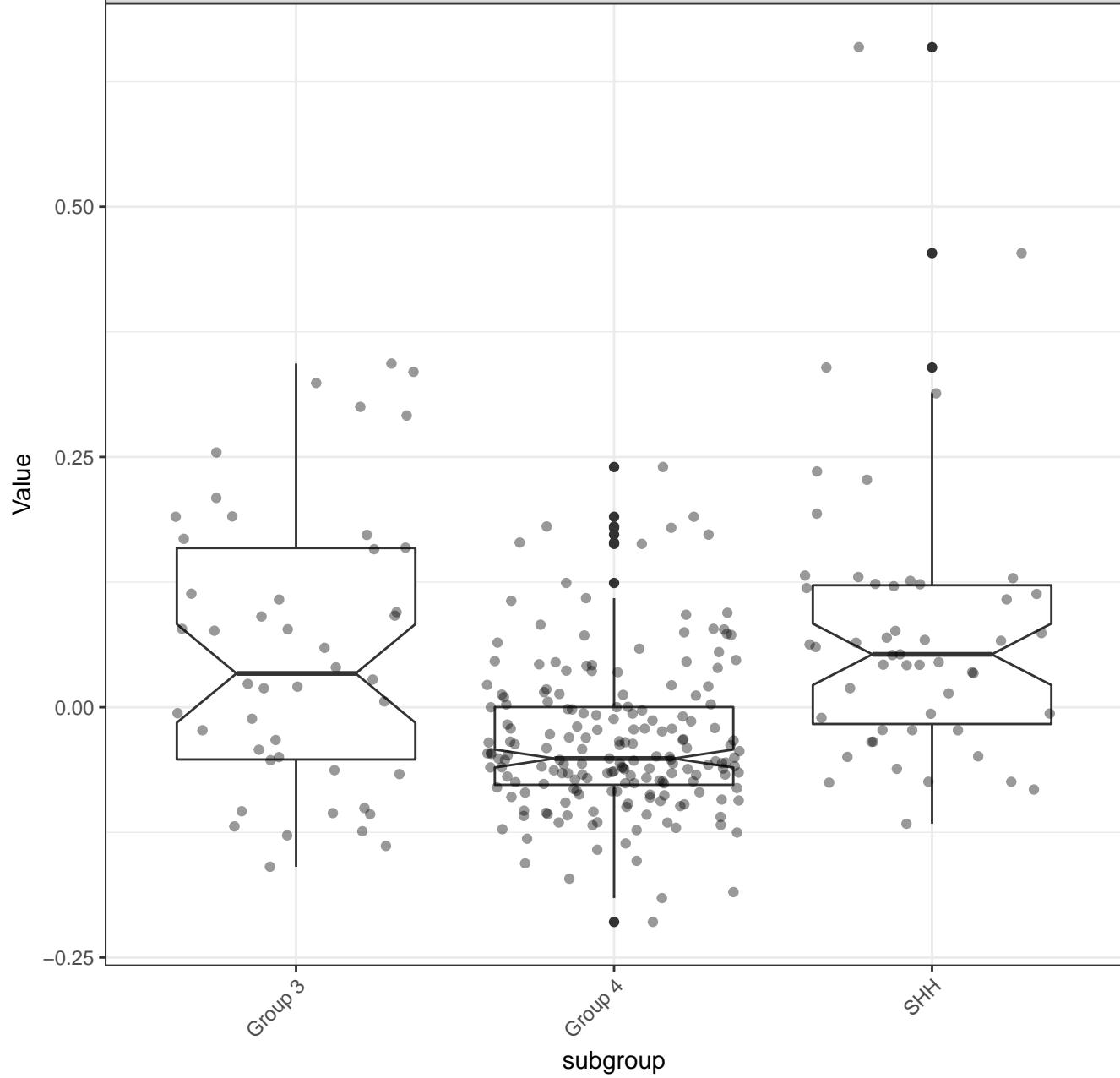
subgroup

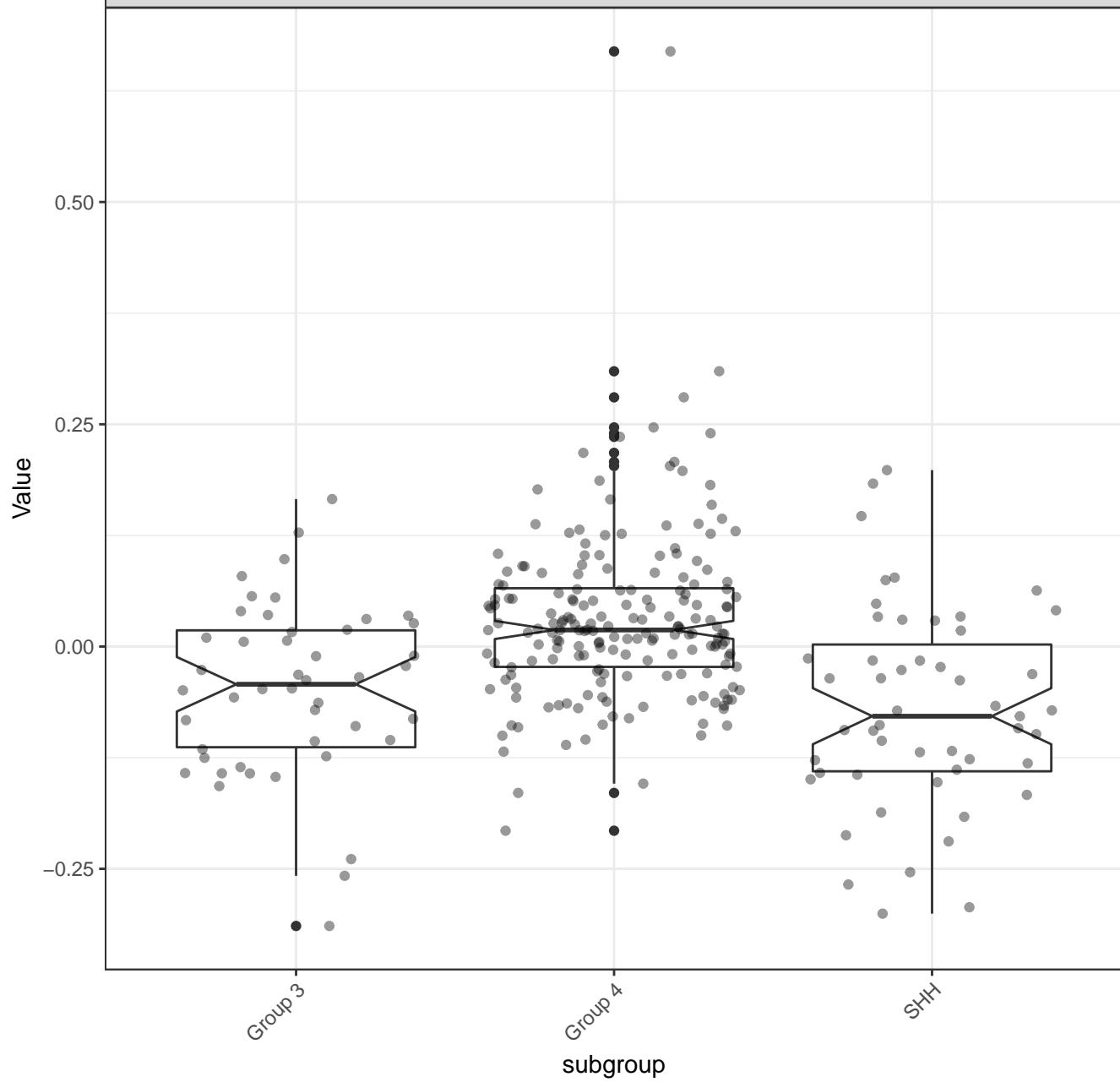


LV 839

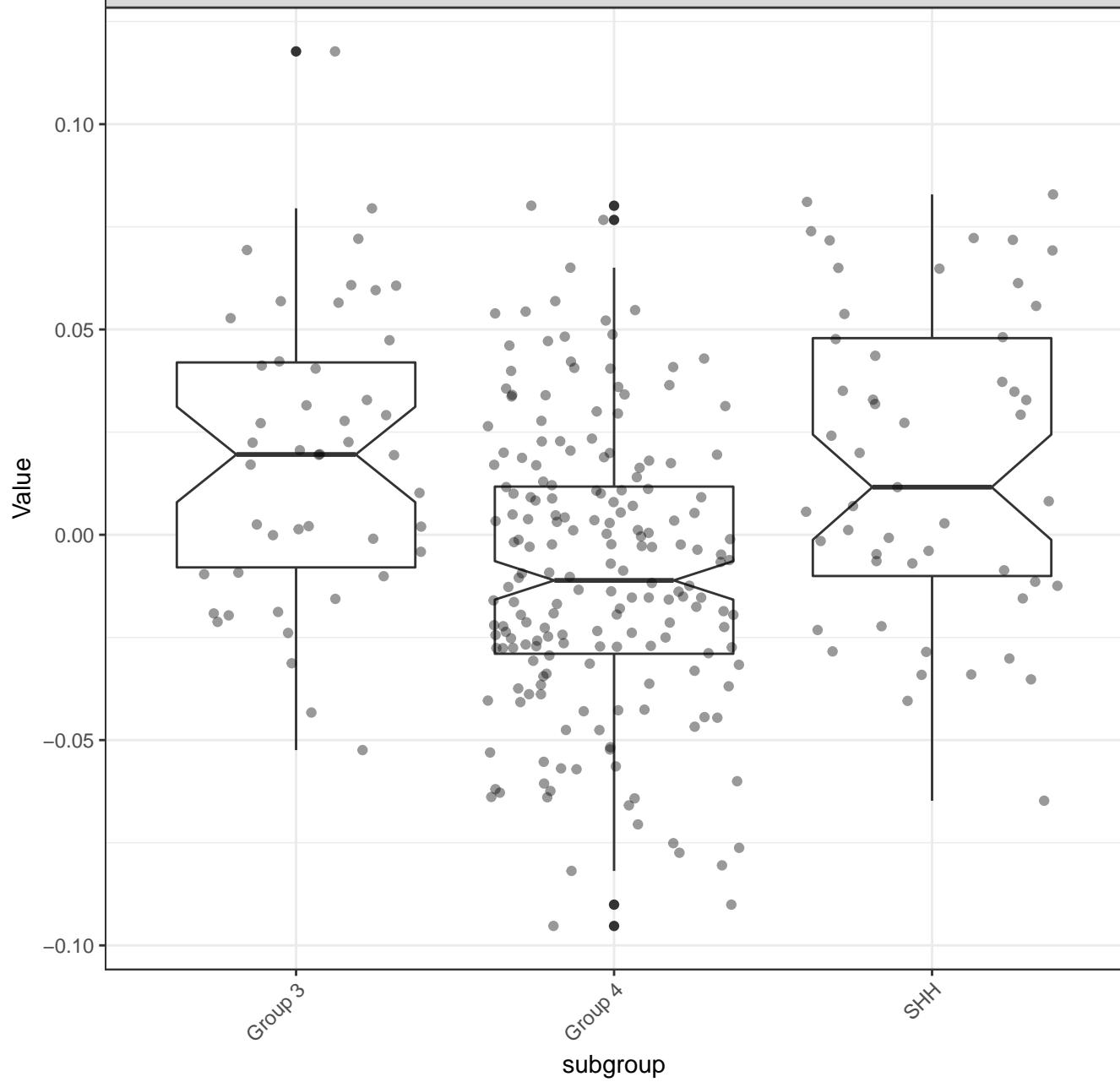


840,MIPS_39S_RIBOSOMAL_SUBUNIT_MITOCHONDRIAL



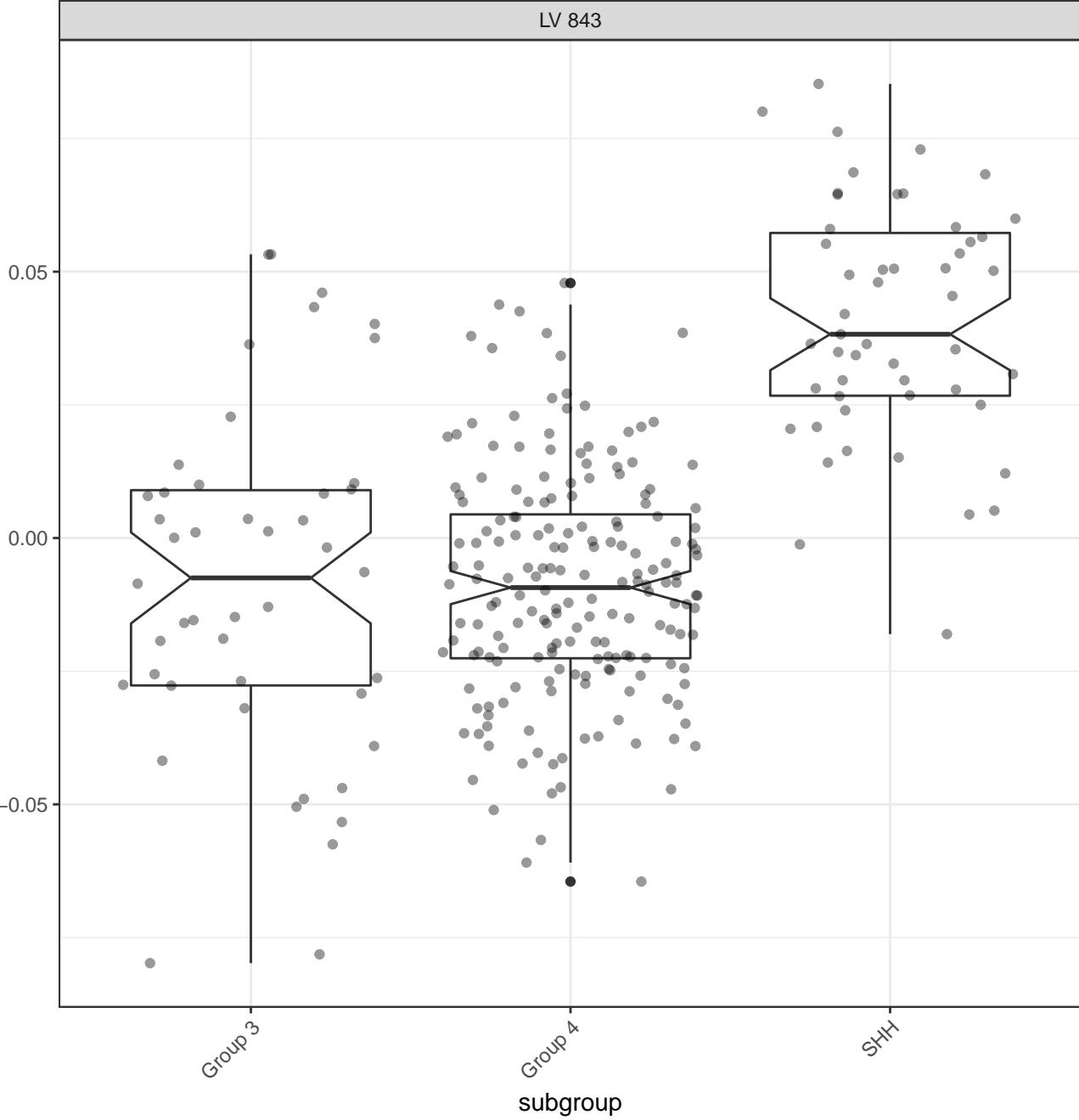


LV 842



LV 843

Value



844,KEGG_ANTIGEN_PROCESSING_AND_PRESENTATION

Value

0.1

0.0

-0.1

Group³

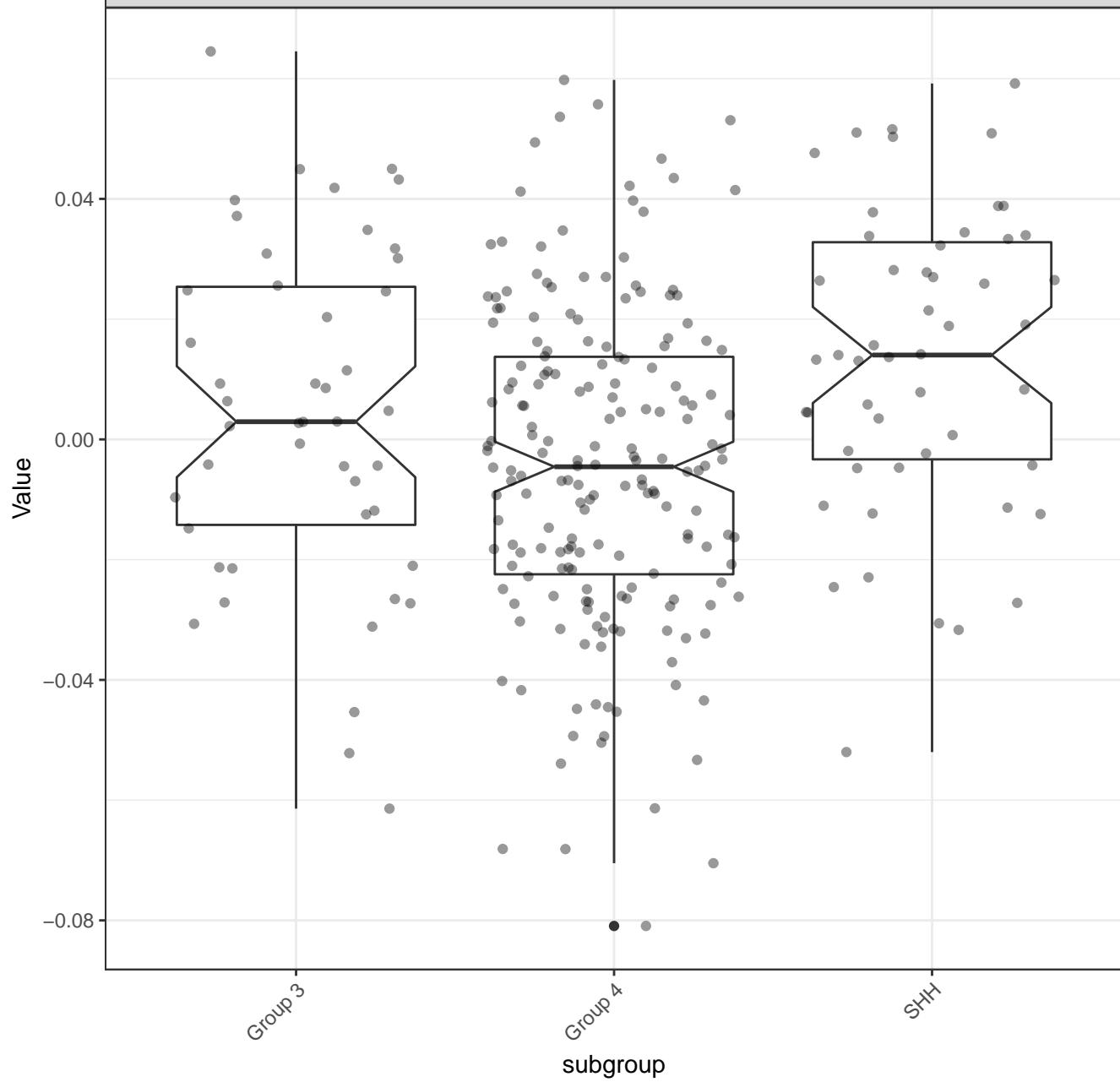
subgroup

Group⁴

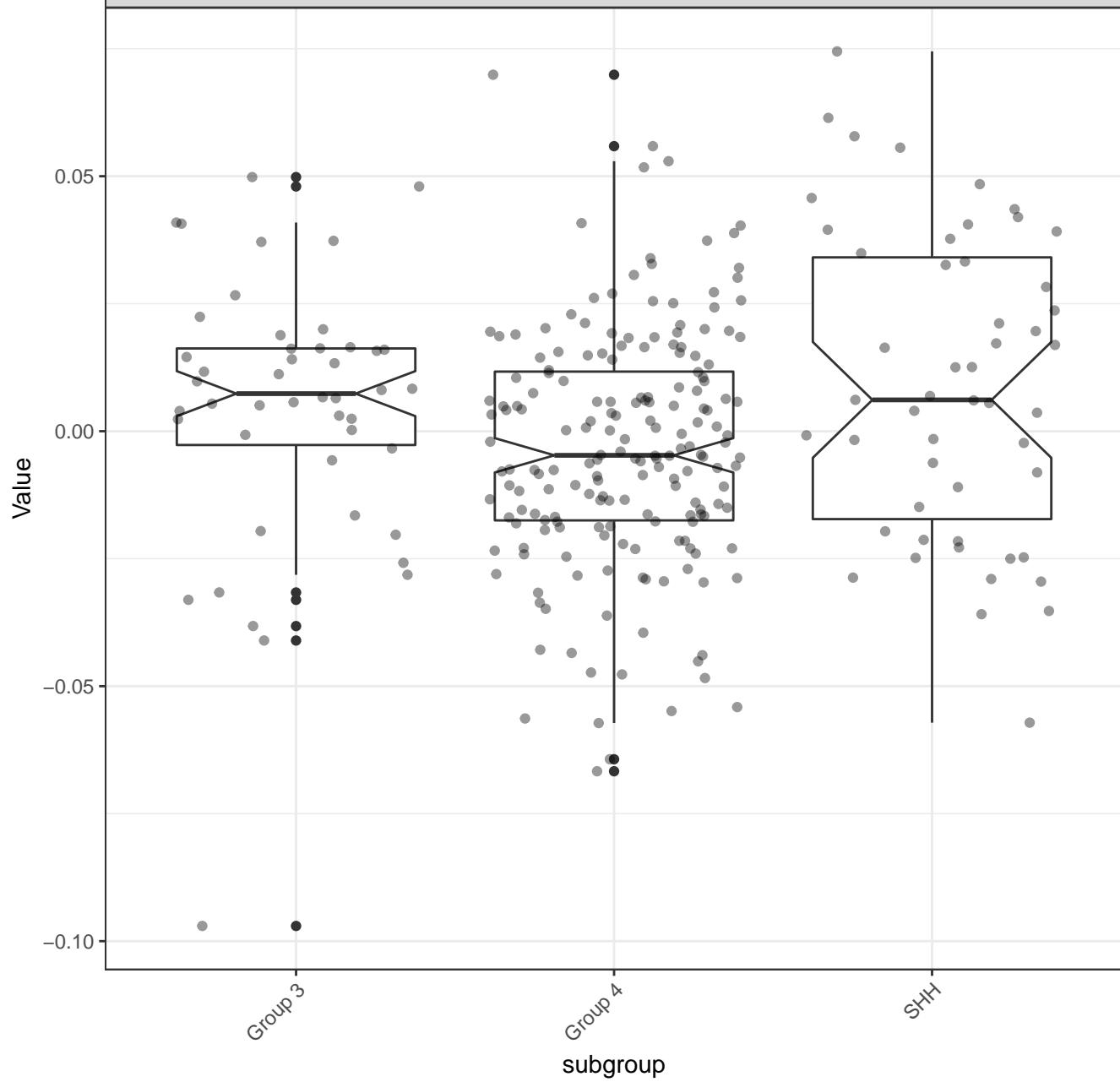
SHH



LV 845



LV 846



847,REACTOME_AMYLOIDS

Value

0.1

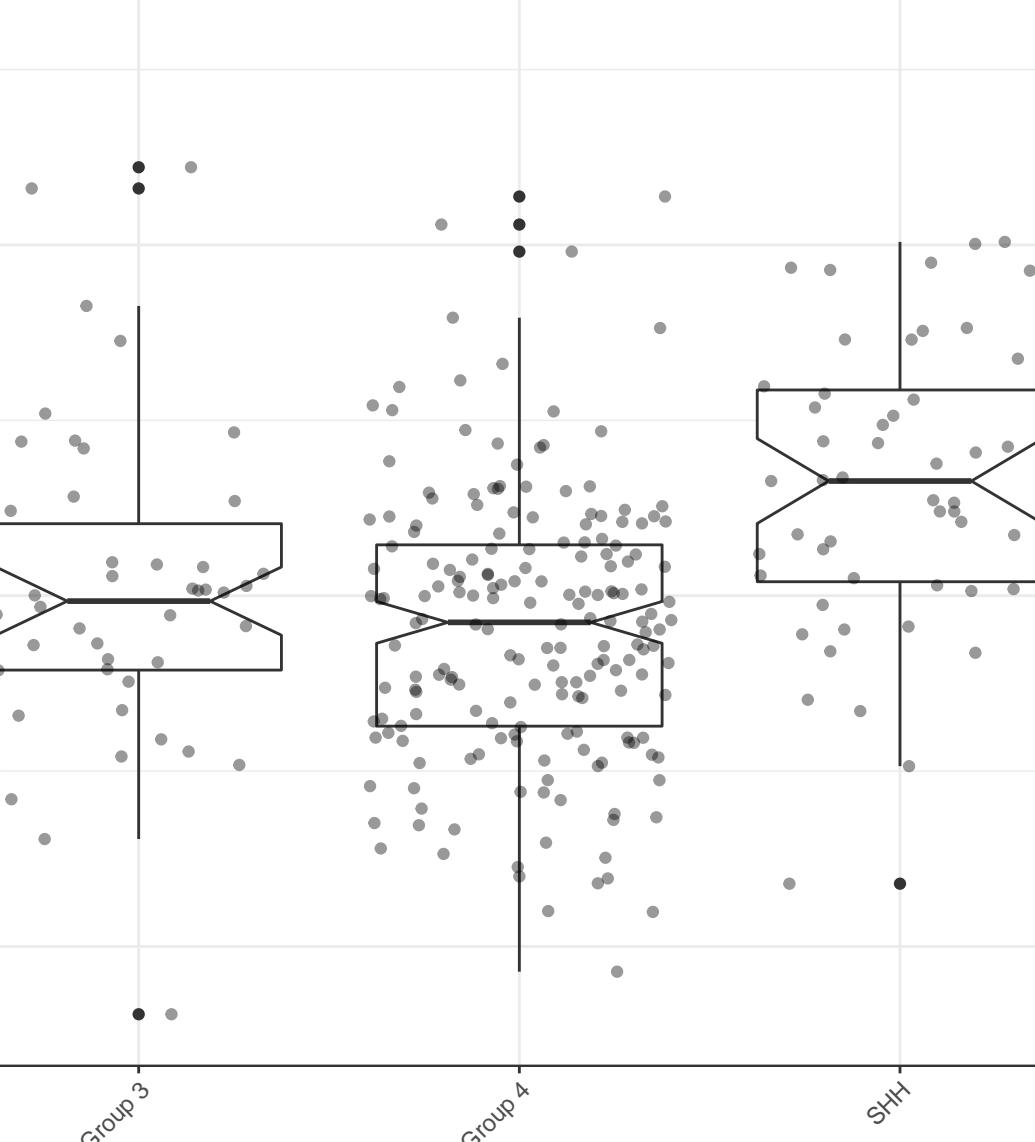
0.0

-0.1

Group³Group⁴

SHH

subgroup



848,REACTOME_GENERIC_TRANSSCRIPTION_PATHWAY

Value

0.2

0.1

0.0

-0.1

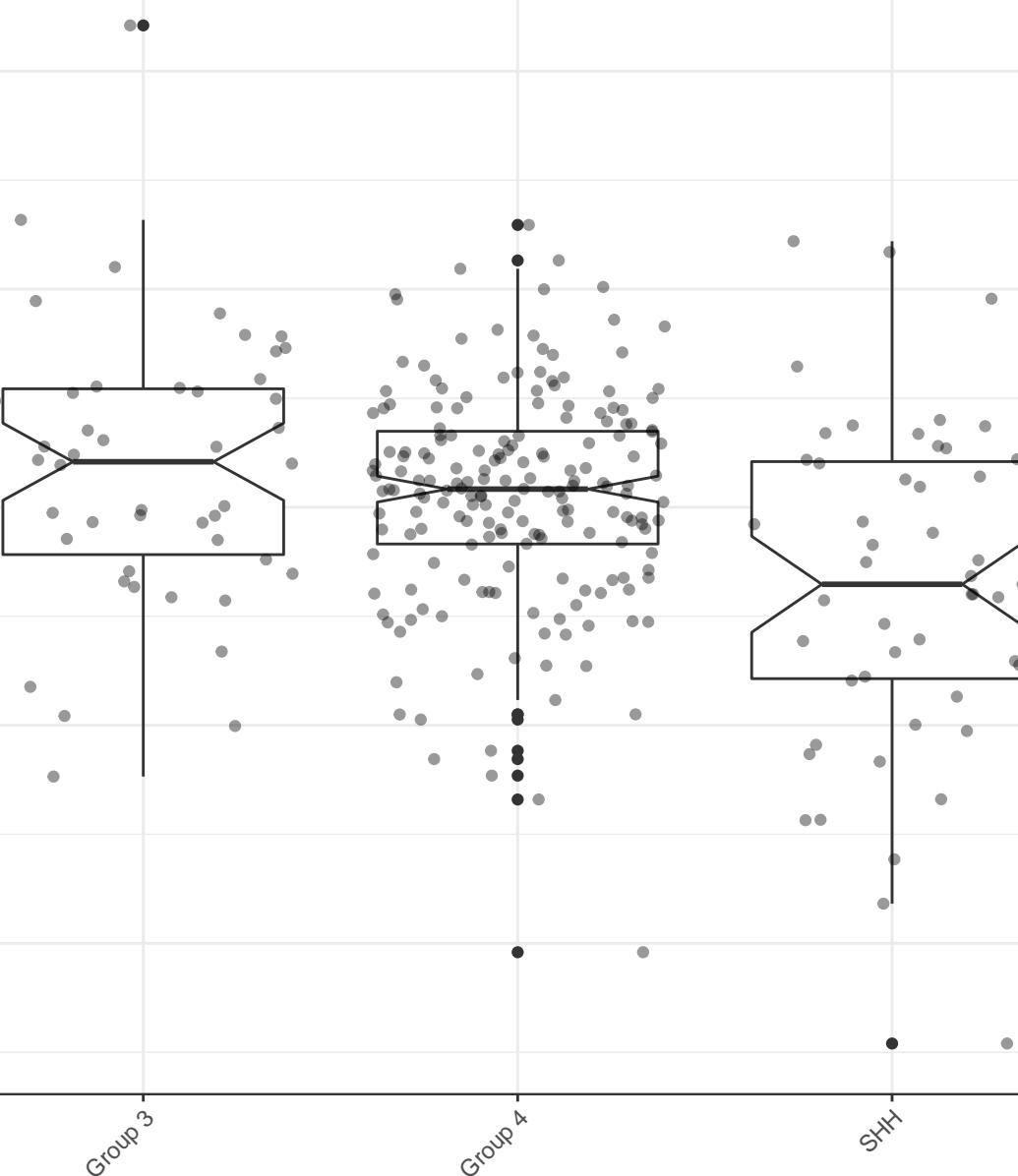
-0.2

Group 3

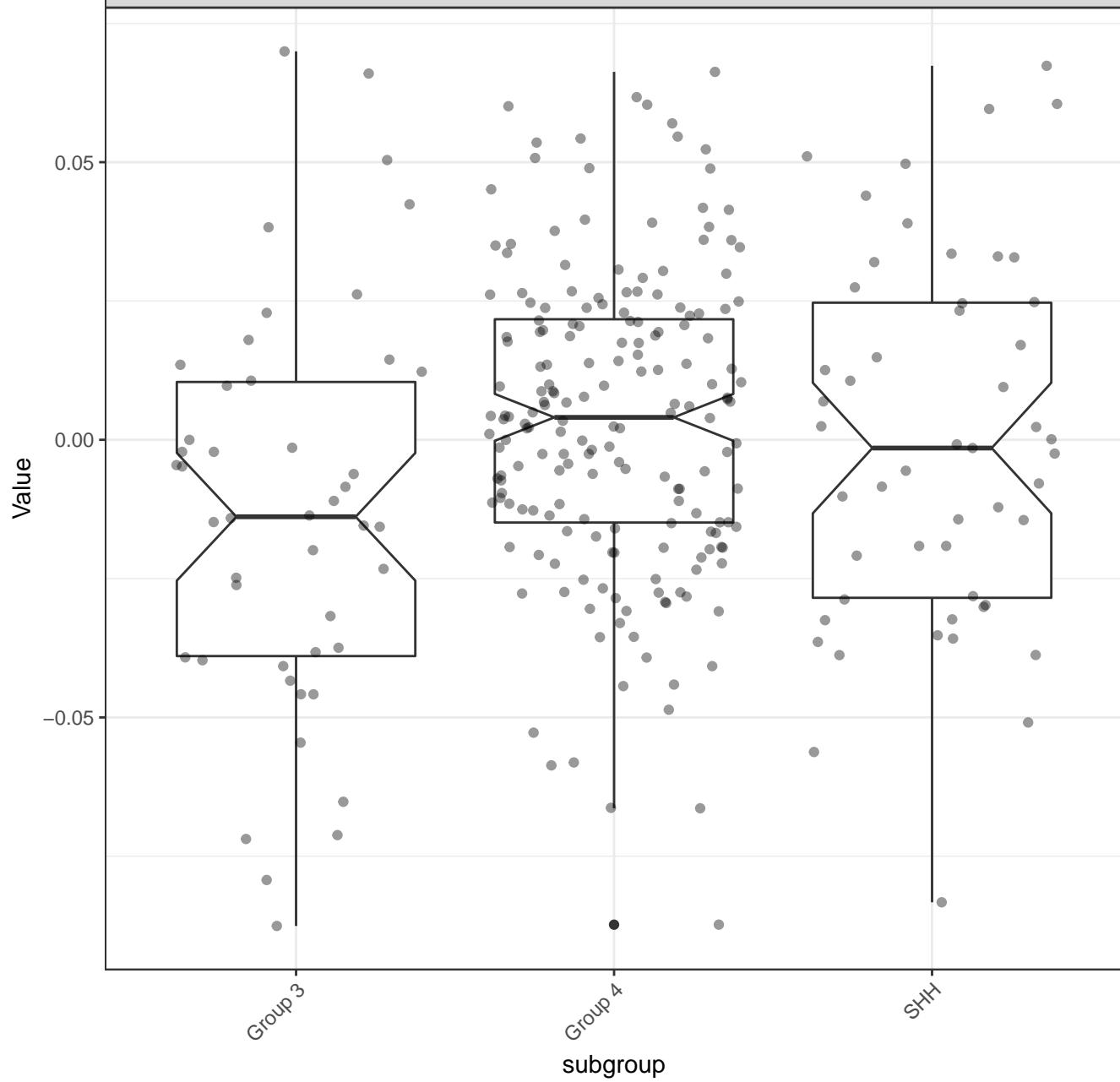
Group 4

SHH

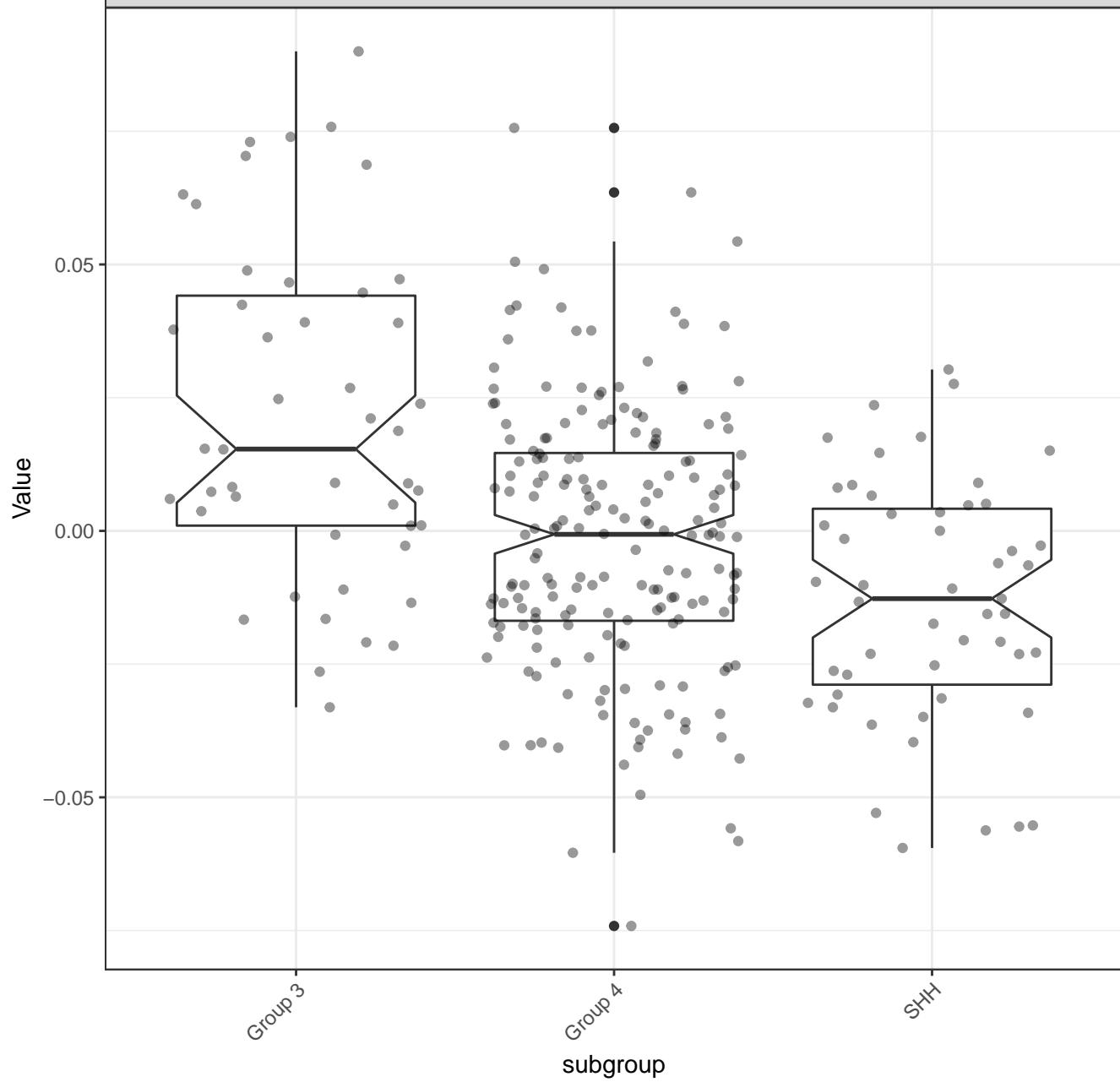
subgroup



LV 849

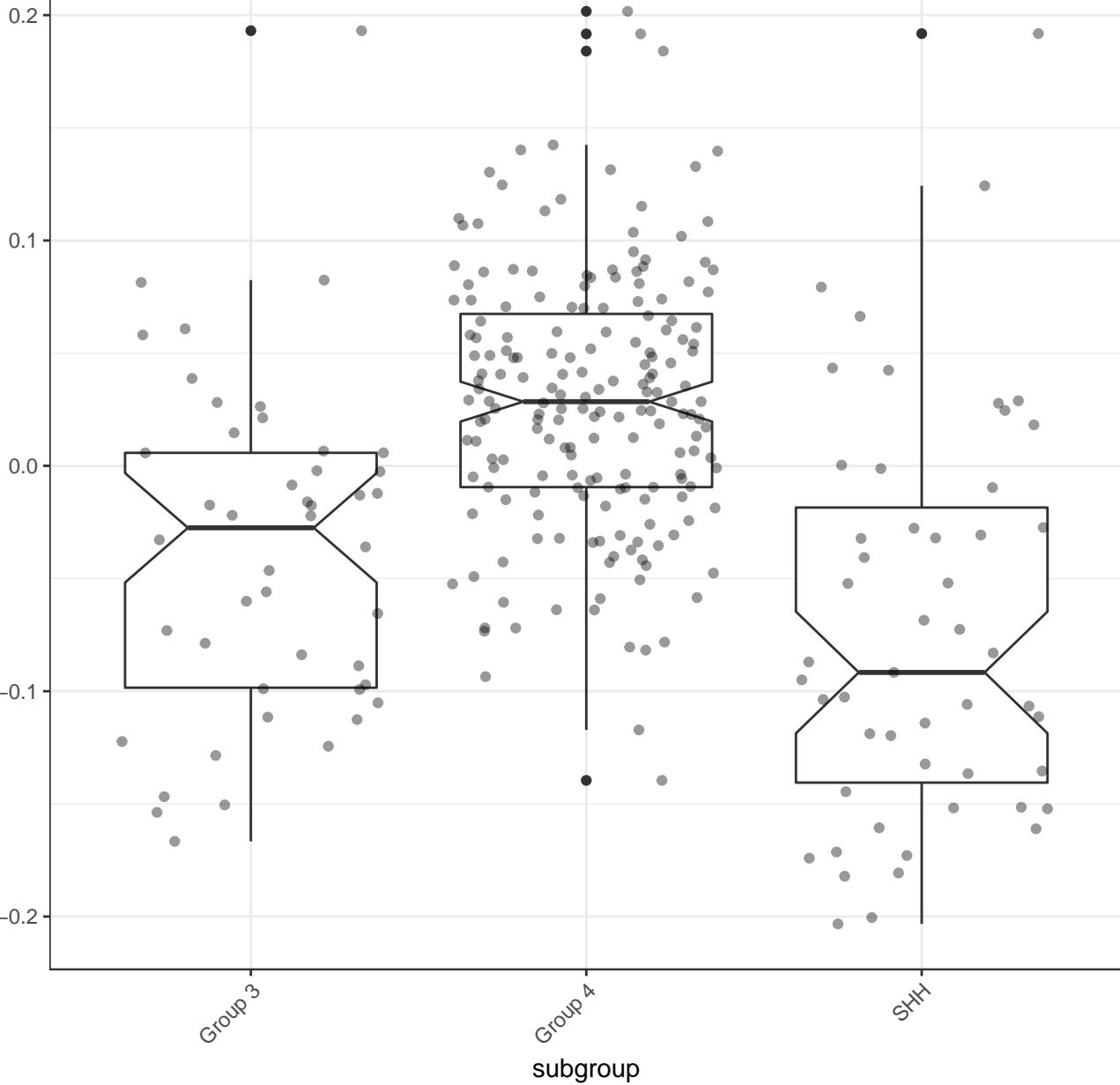


LV 850



LV 851

Value



LV 852

Value

0.05

0.00

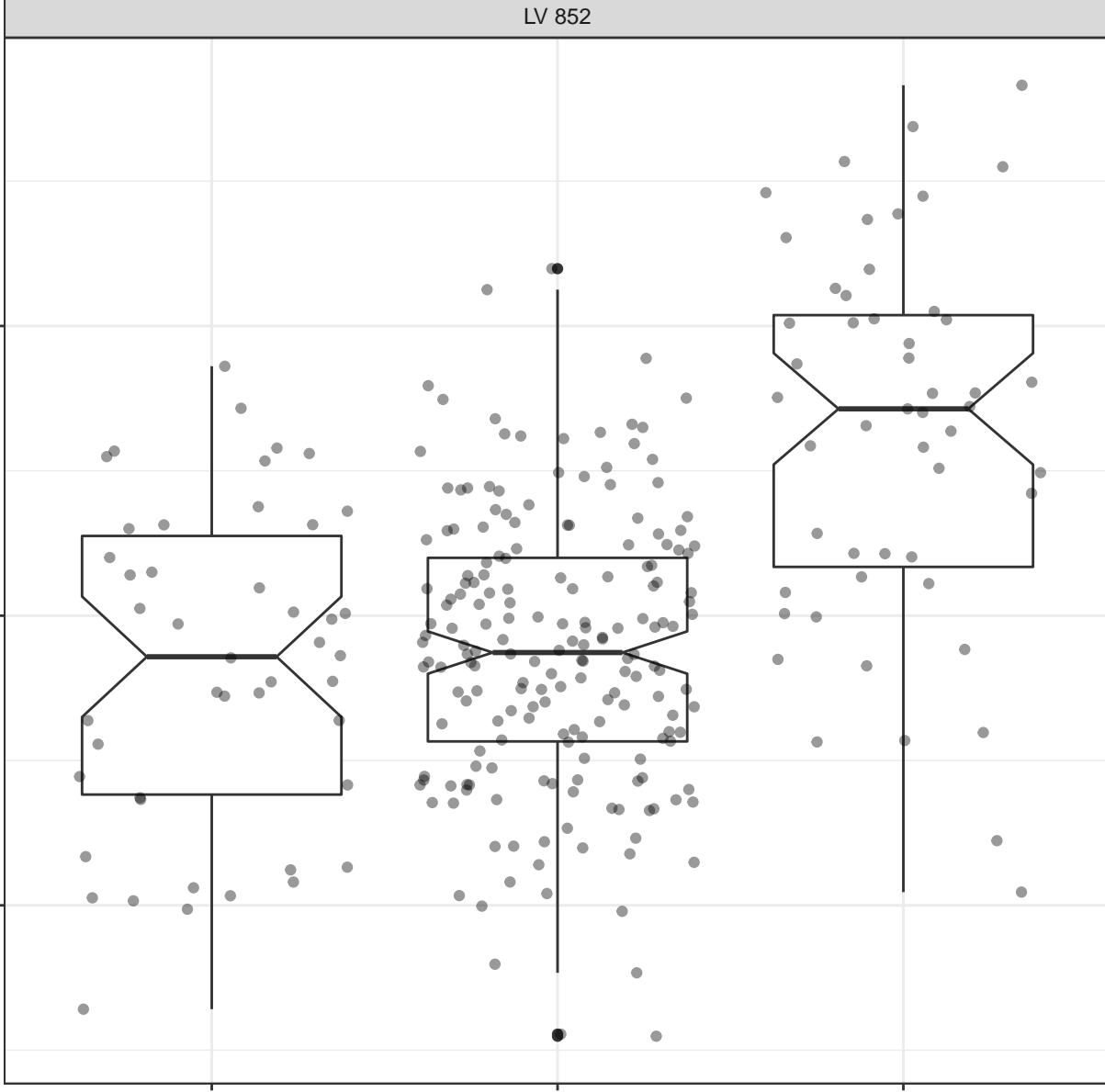
-0.05

Group 3

subgroup

Group 4

SHH



LV 853

Value

0.1

0.0

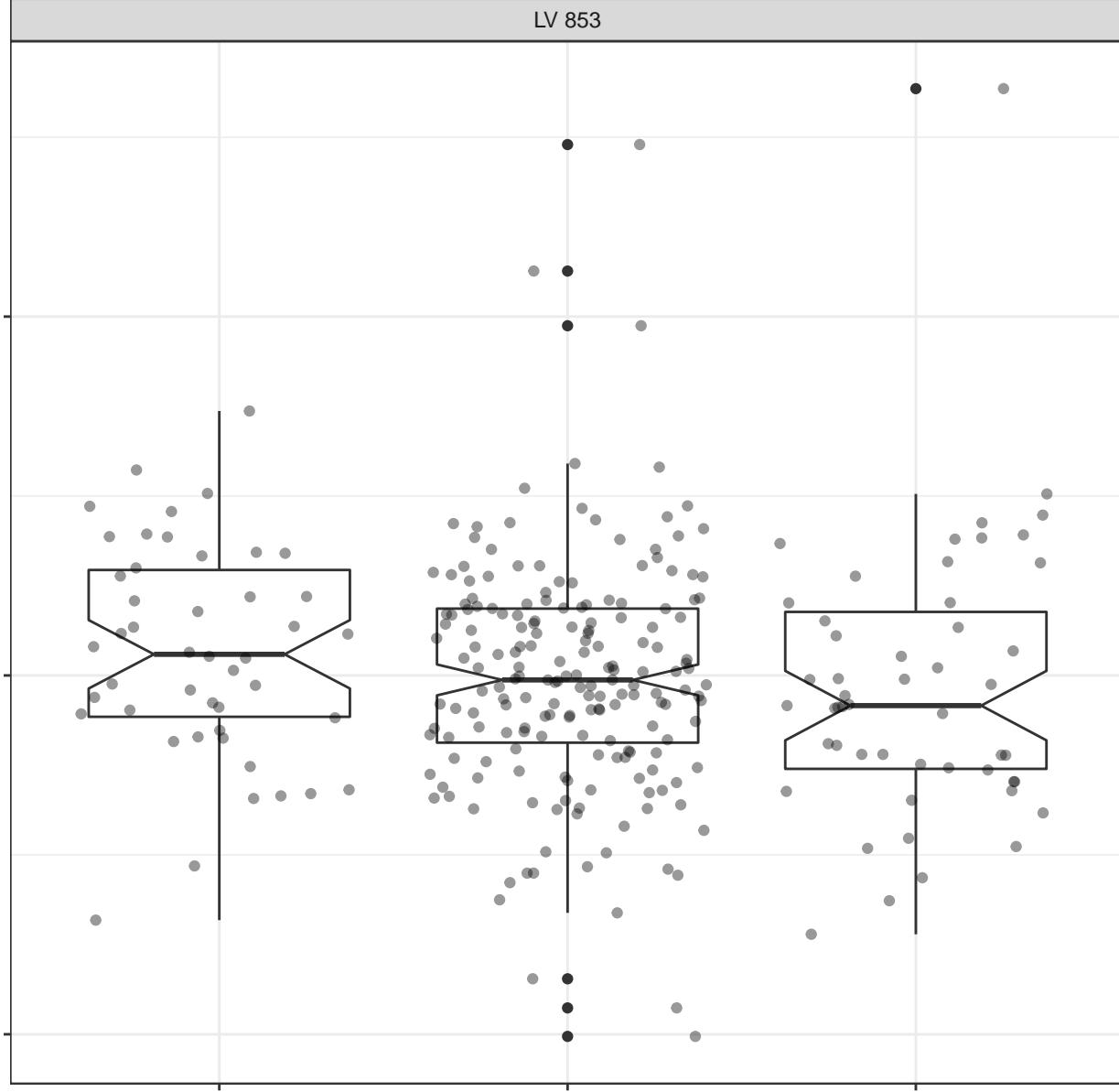
-0.1

Group 3

Group 4

SHH

subgroup



854,IRIS_Monocyte-Day1

Value

0.3

0.2

0.1

0.0

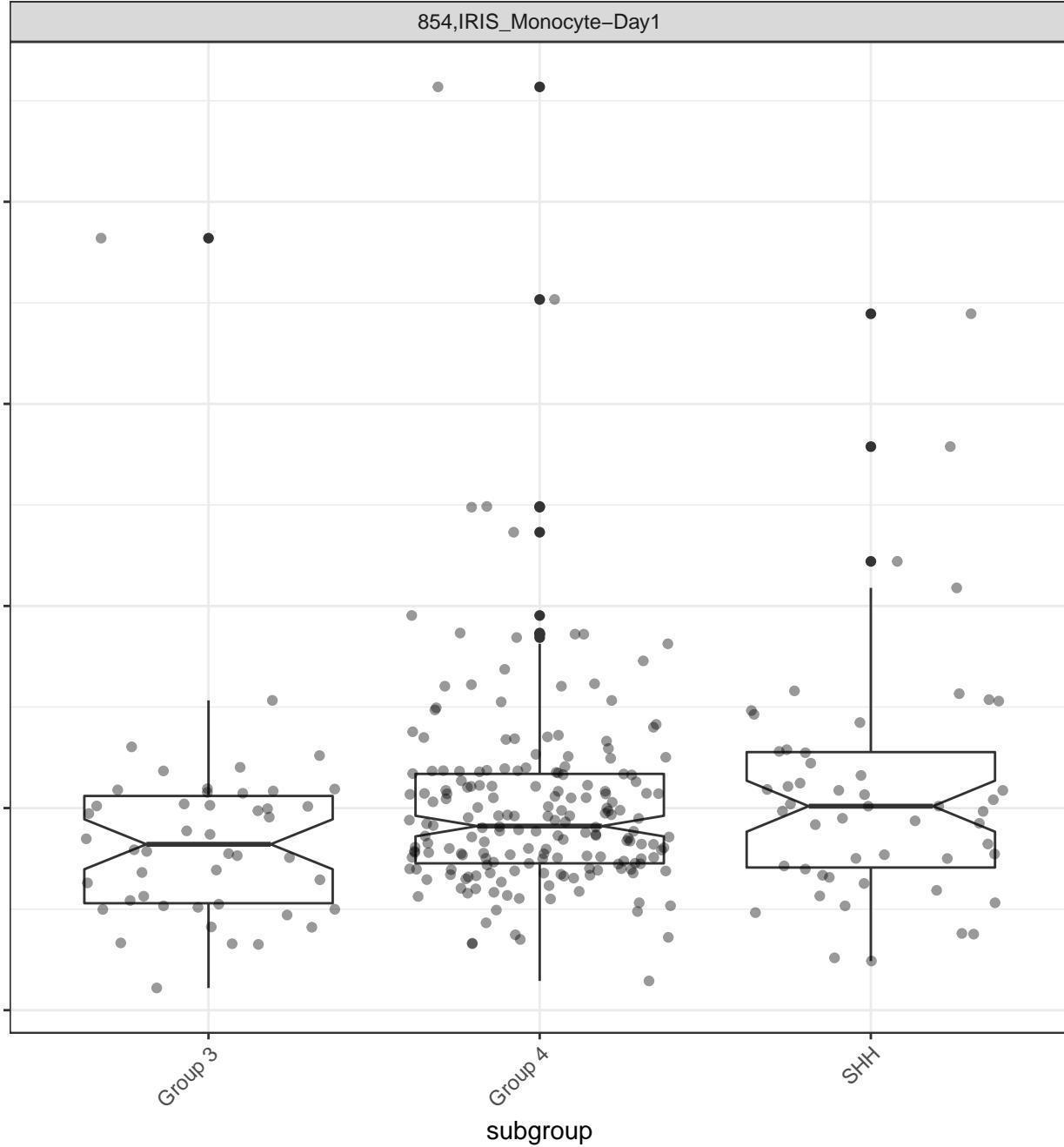
-0.1

Group 3

Group 4

SHH

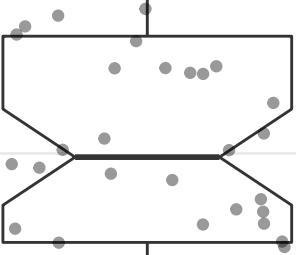
subgroup



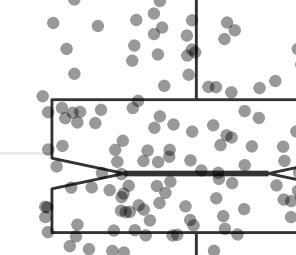
Value

0.1

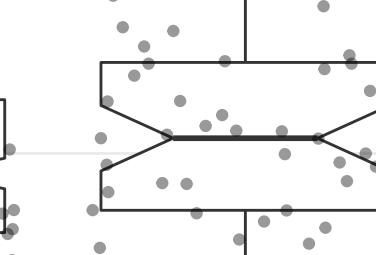
0.0



Group 3



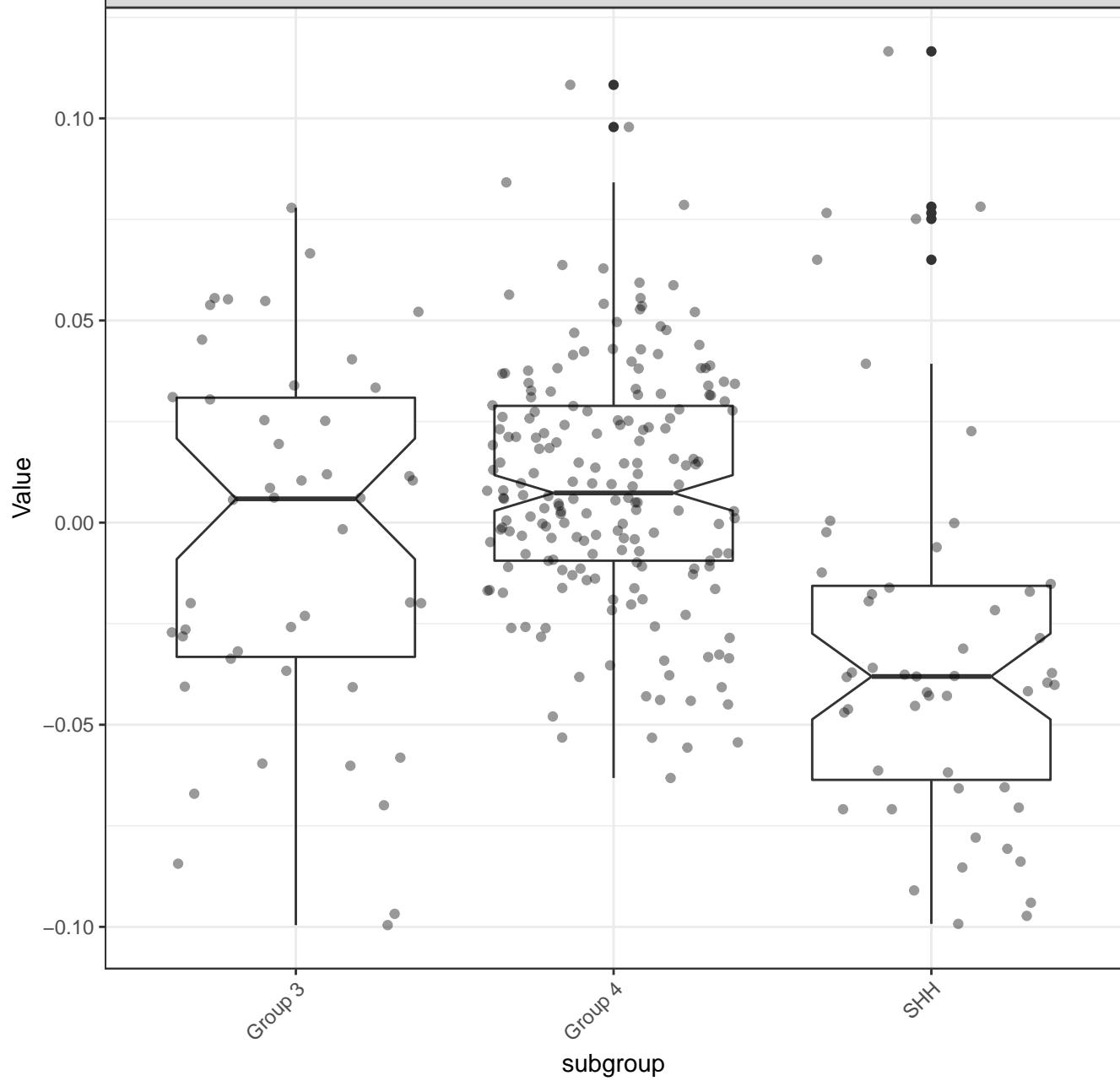
Group 4



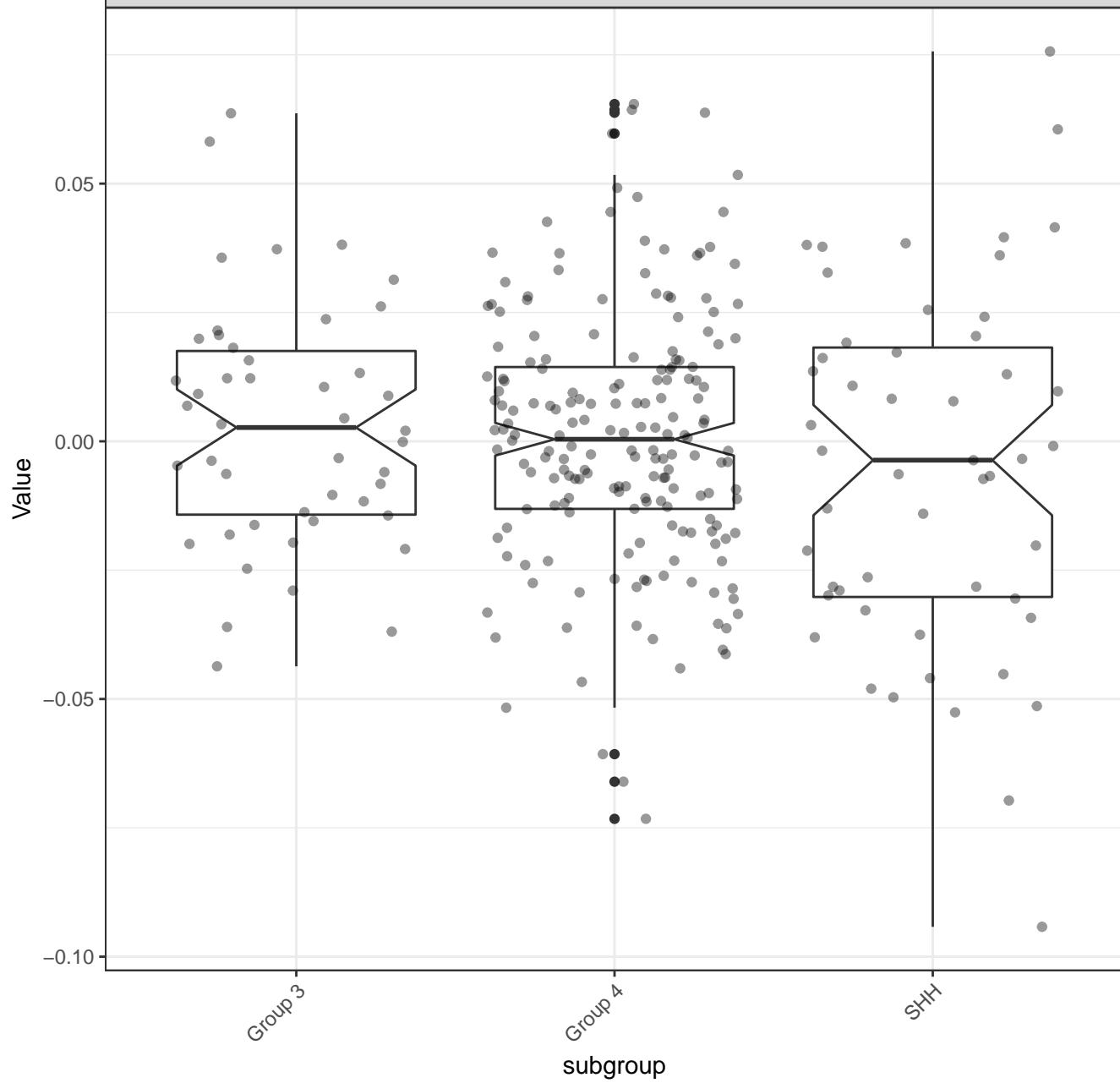
SHH

subgroup

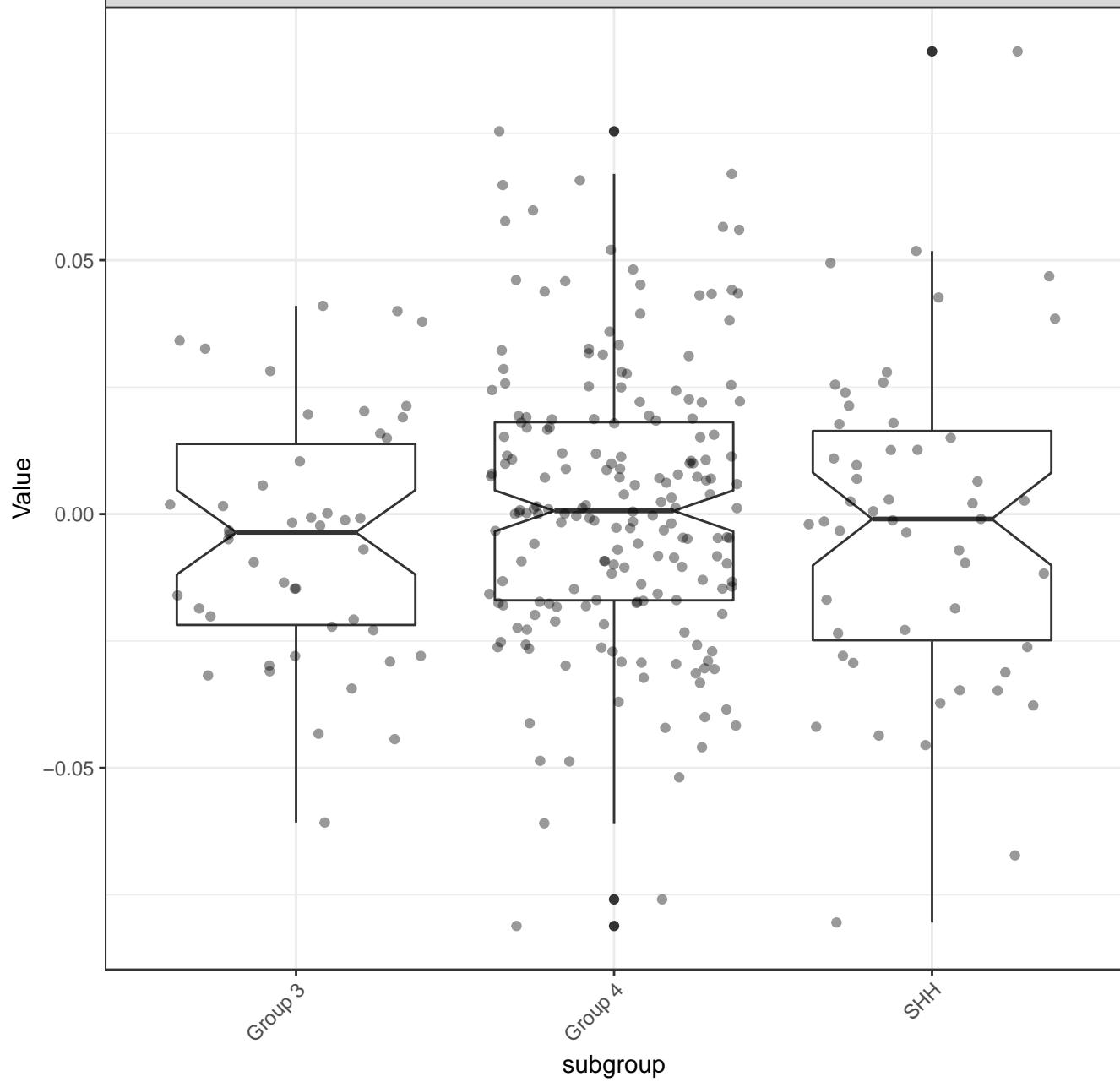
LV 856



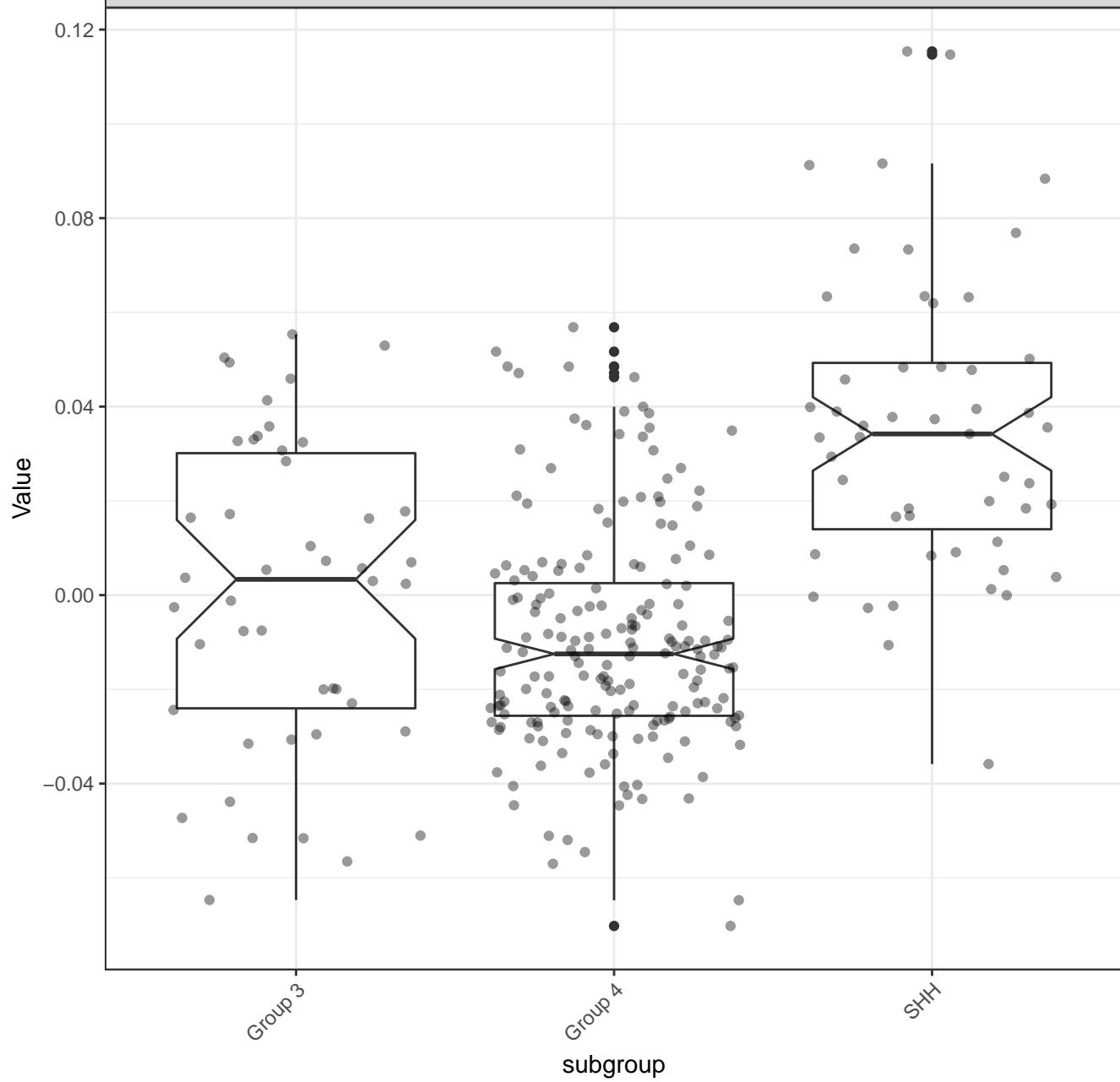
LV 857



LV 858



LV 859



LV 860

Value

0.10

0.05

0.00

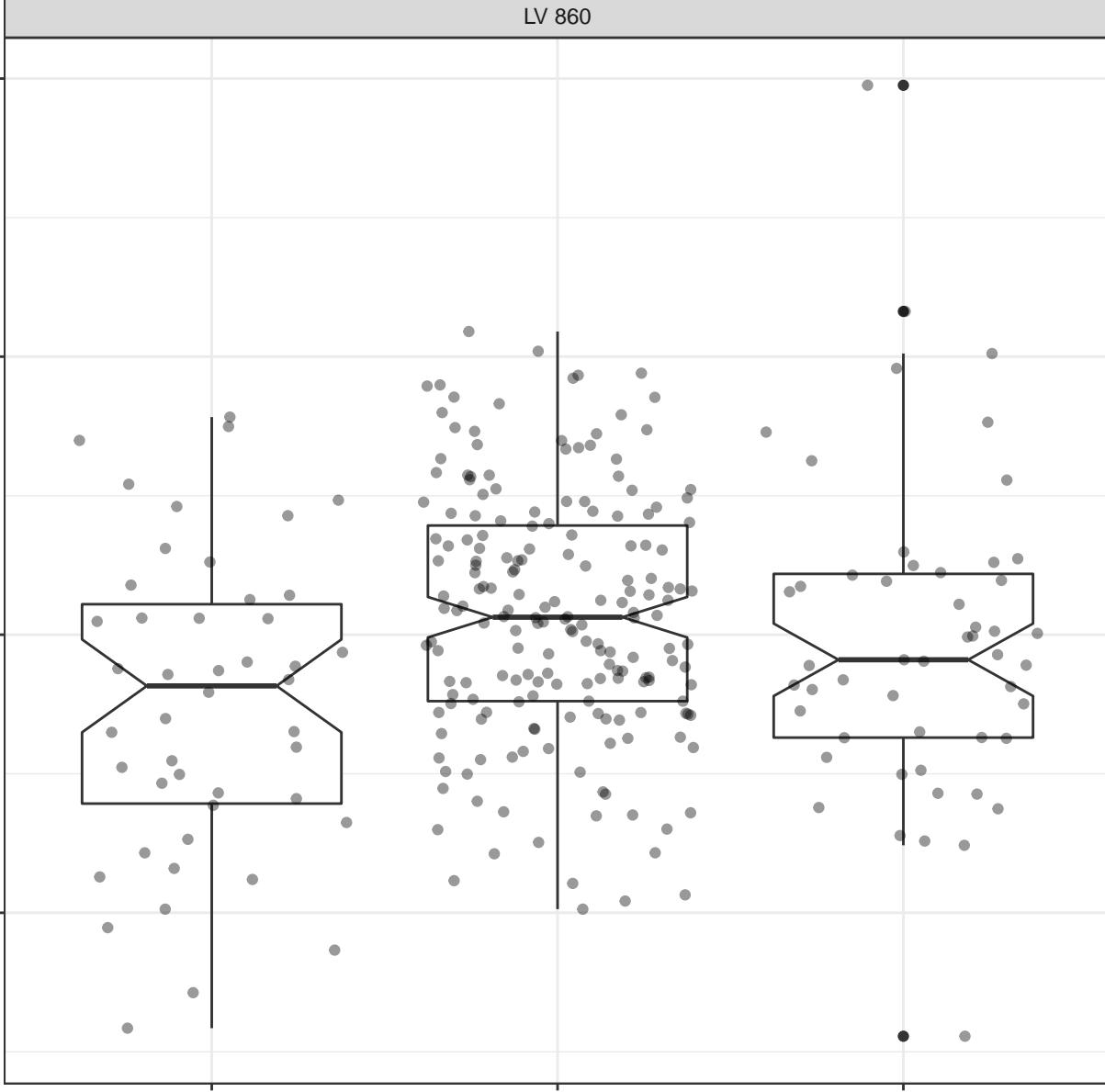
-0.05

Group 3

Group 4

SHH

subgroup



LV 861

Value

0.10

0.05

0.00

-0.05

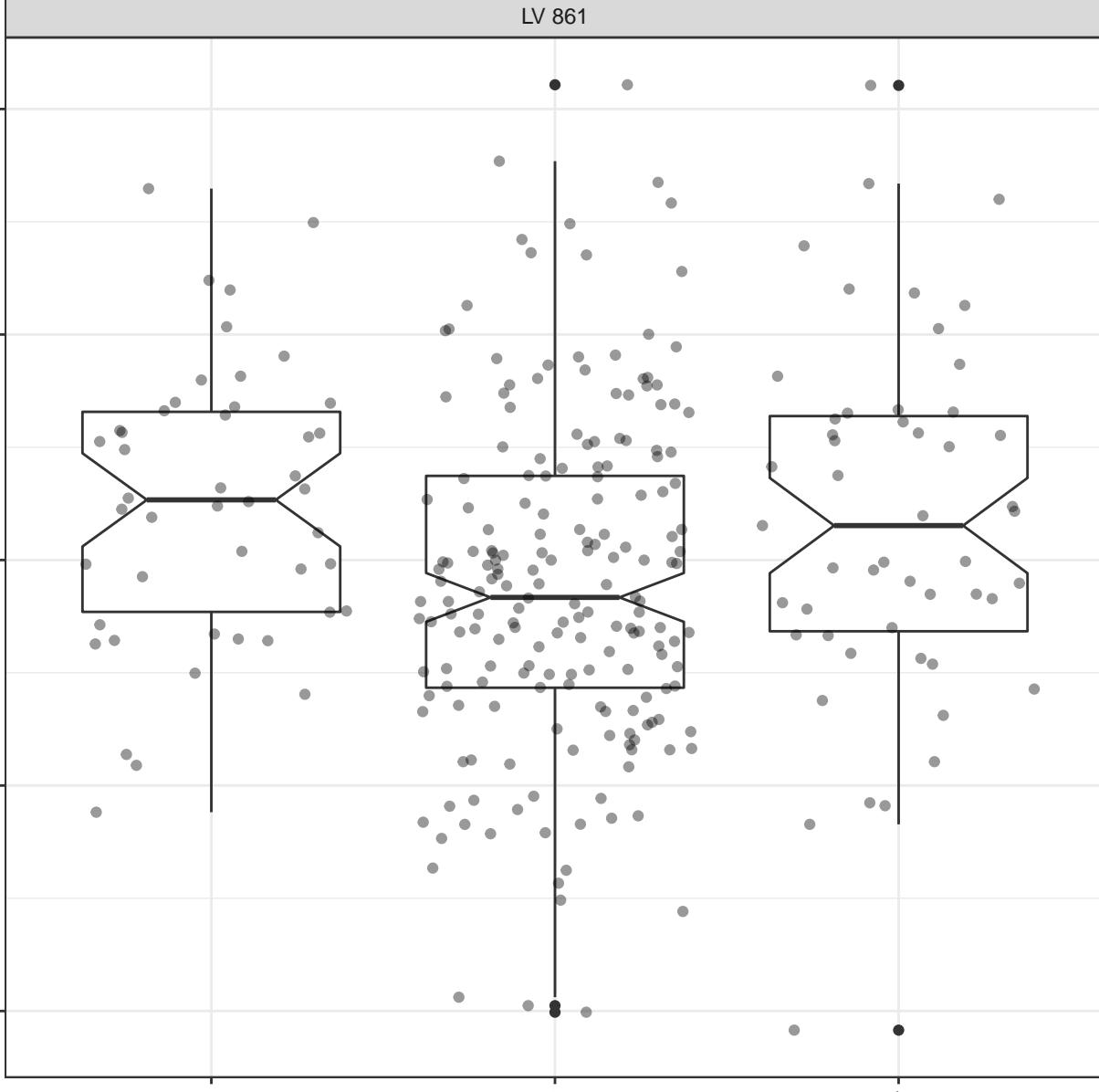
-0.10

Group 3

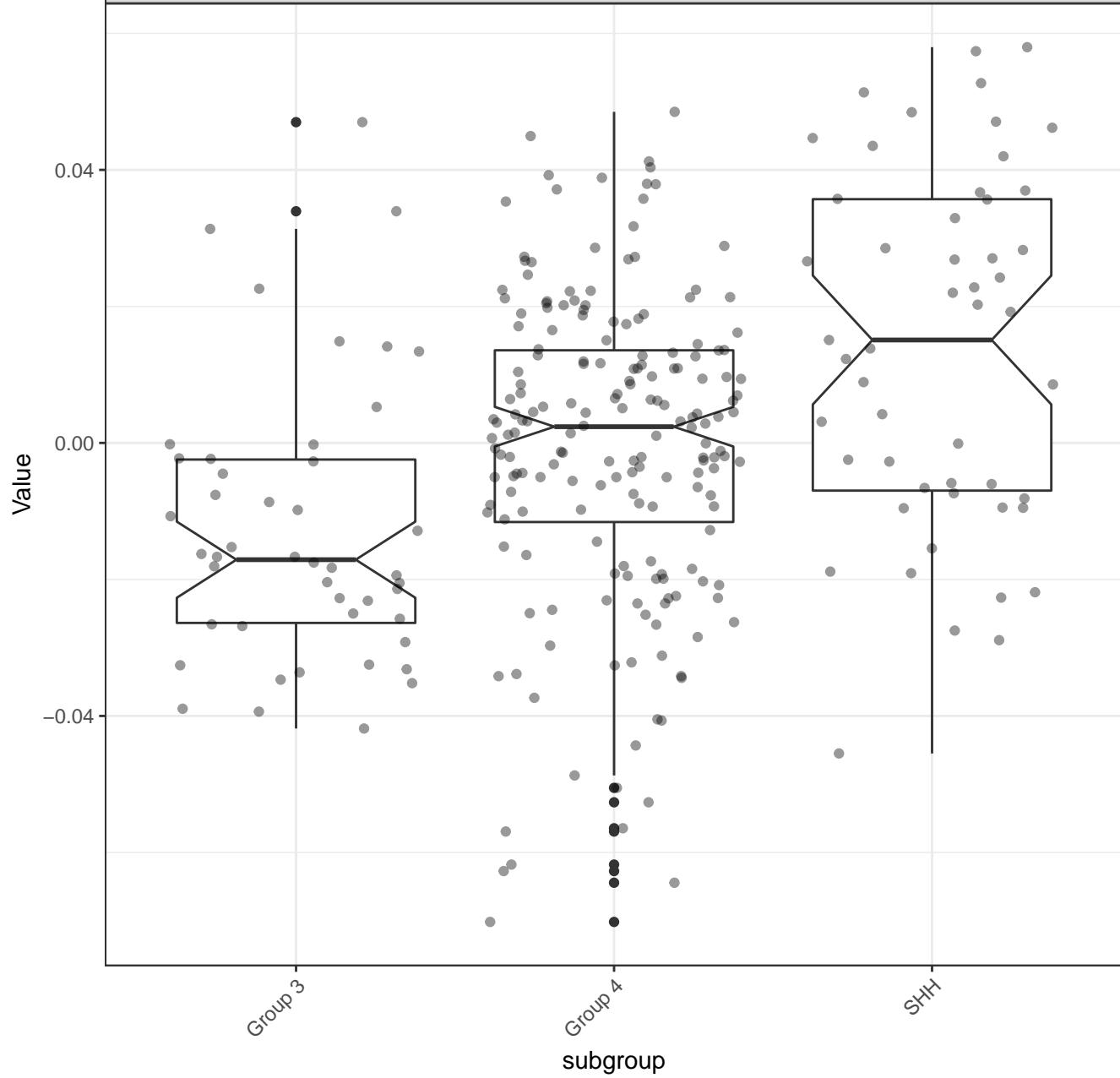
subgroup

Group 4

SHH



LV 862



LV 863

Value

0.10

0.05

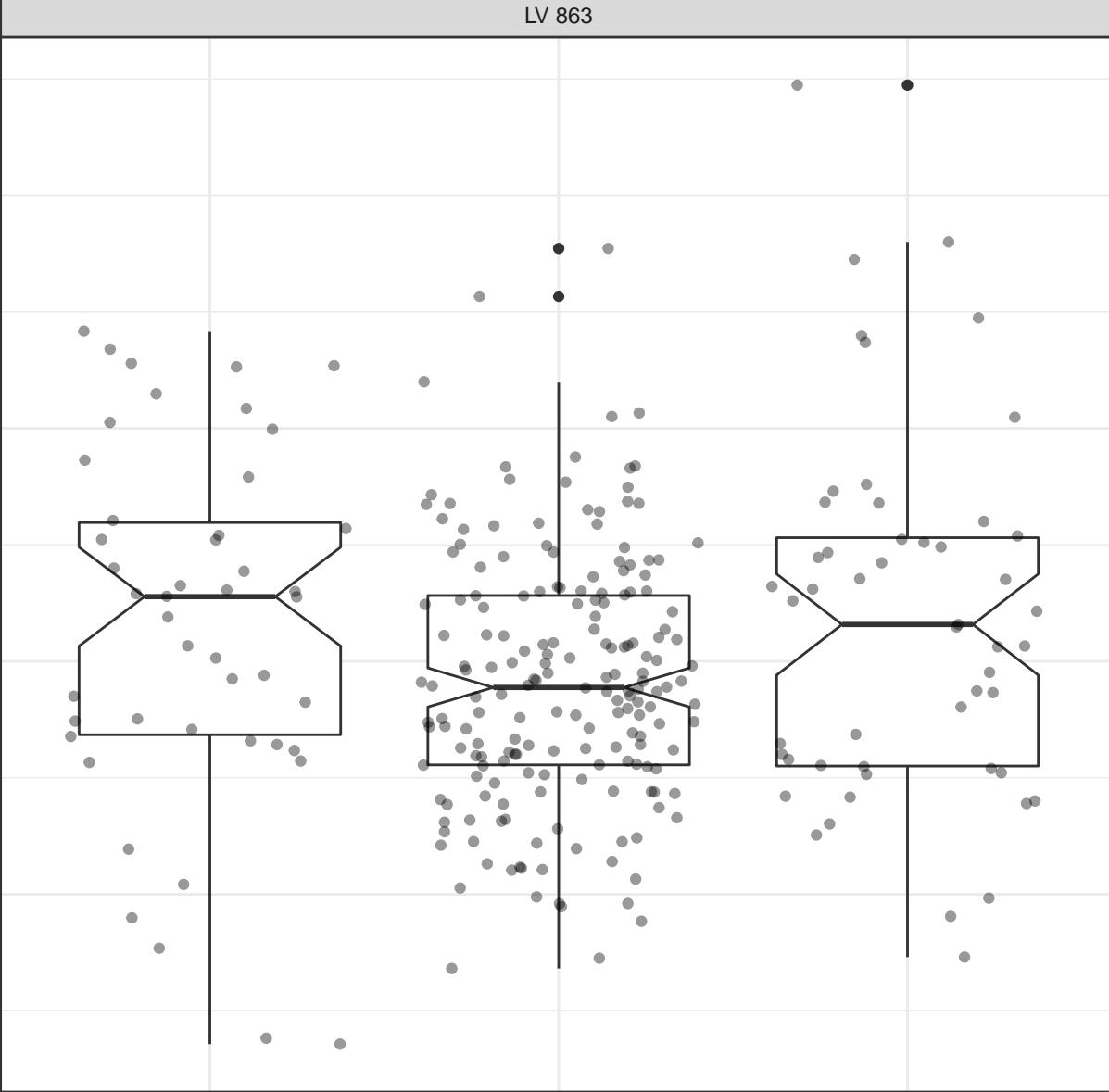
0.00

-0.05

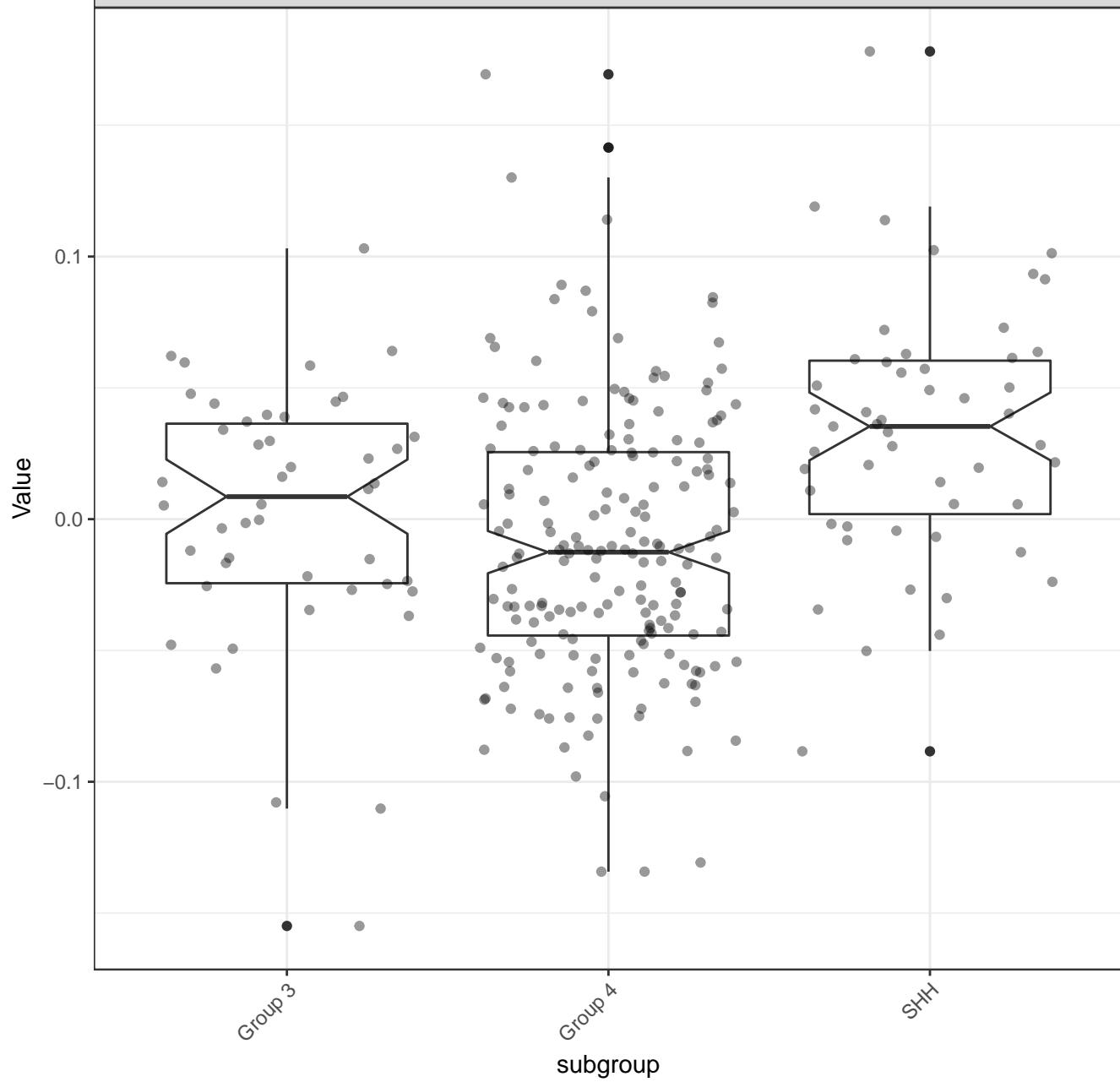
Group 3

subgroup

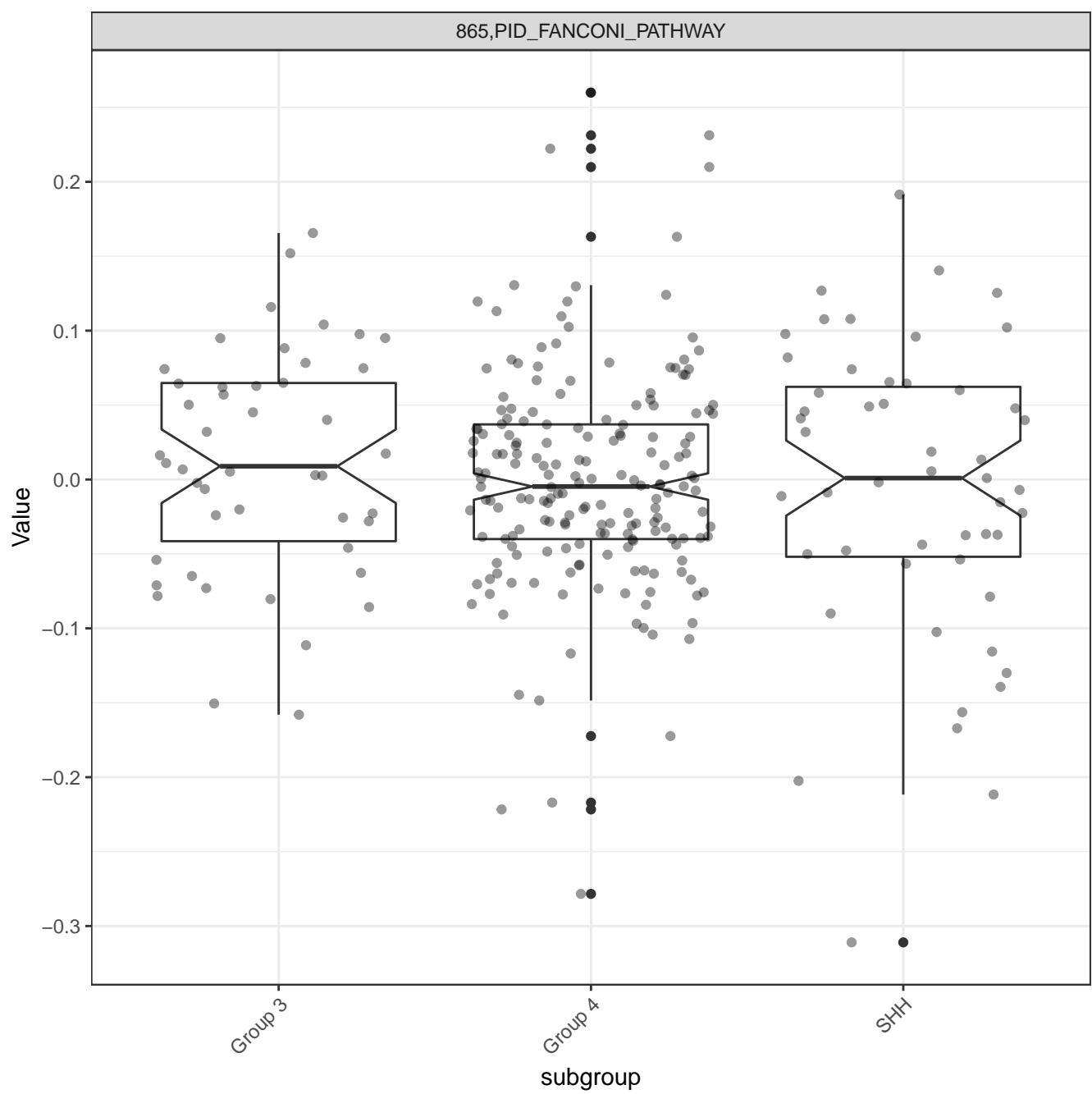
SHH



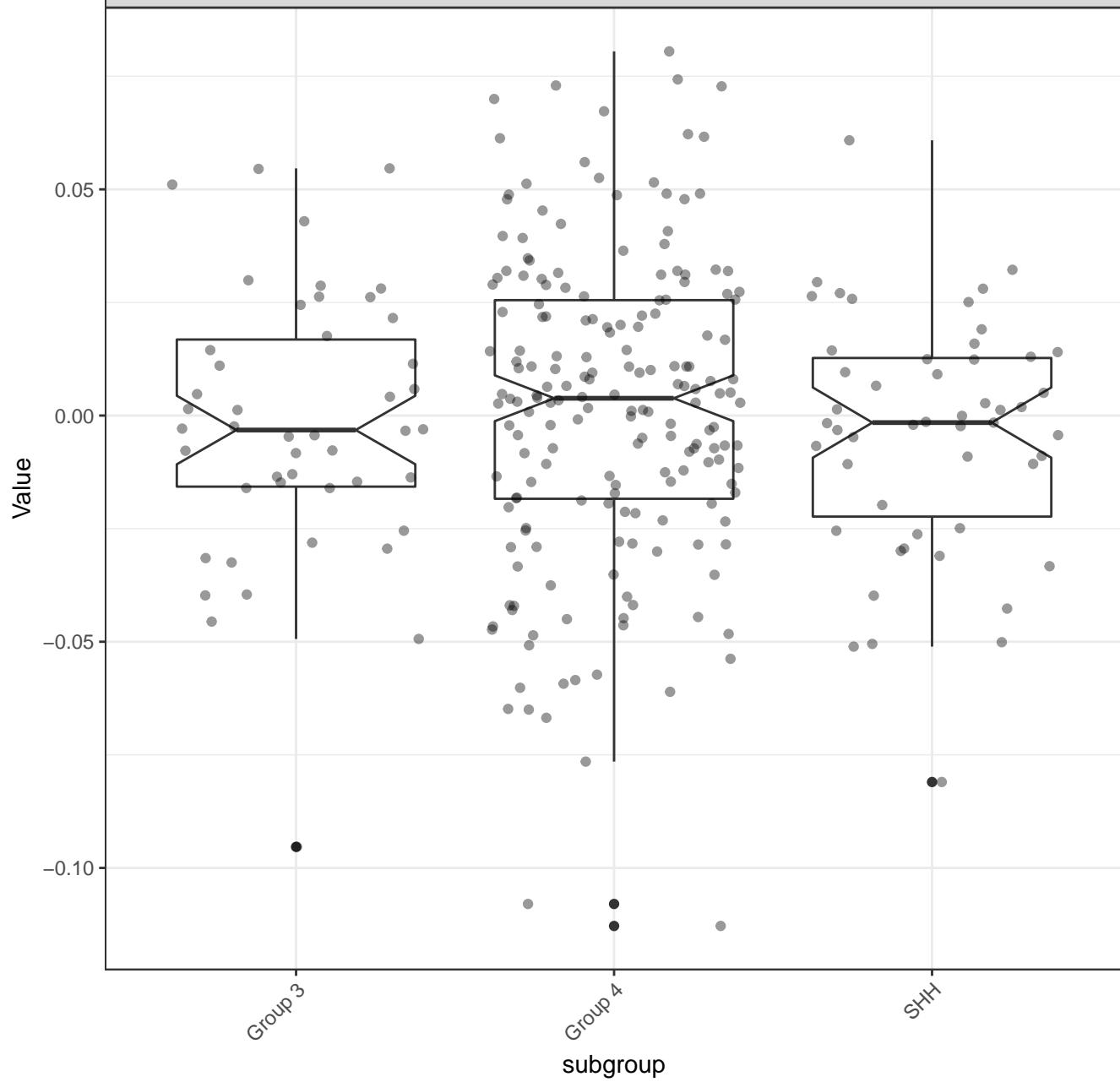
LV 864



865,PID_FANCONI_PATHWAY



LV 866



867,DMAP_HSC1

Value

0.05

0.00

-0.05

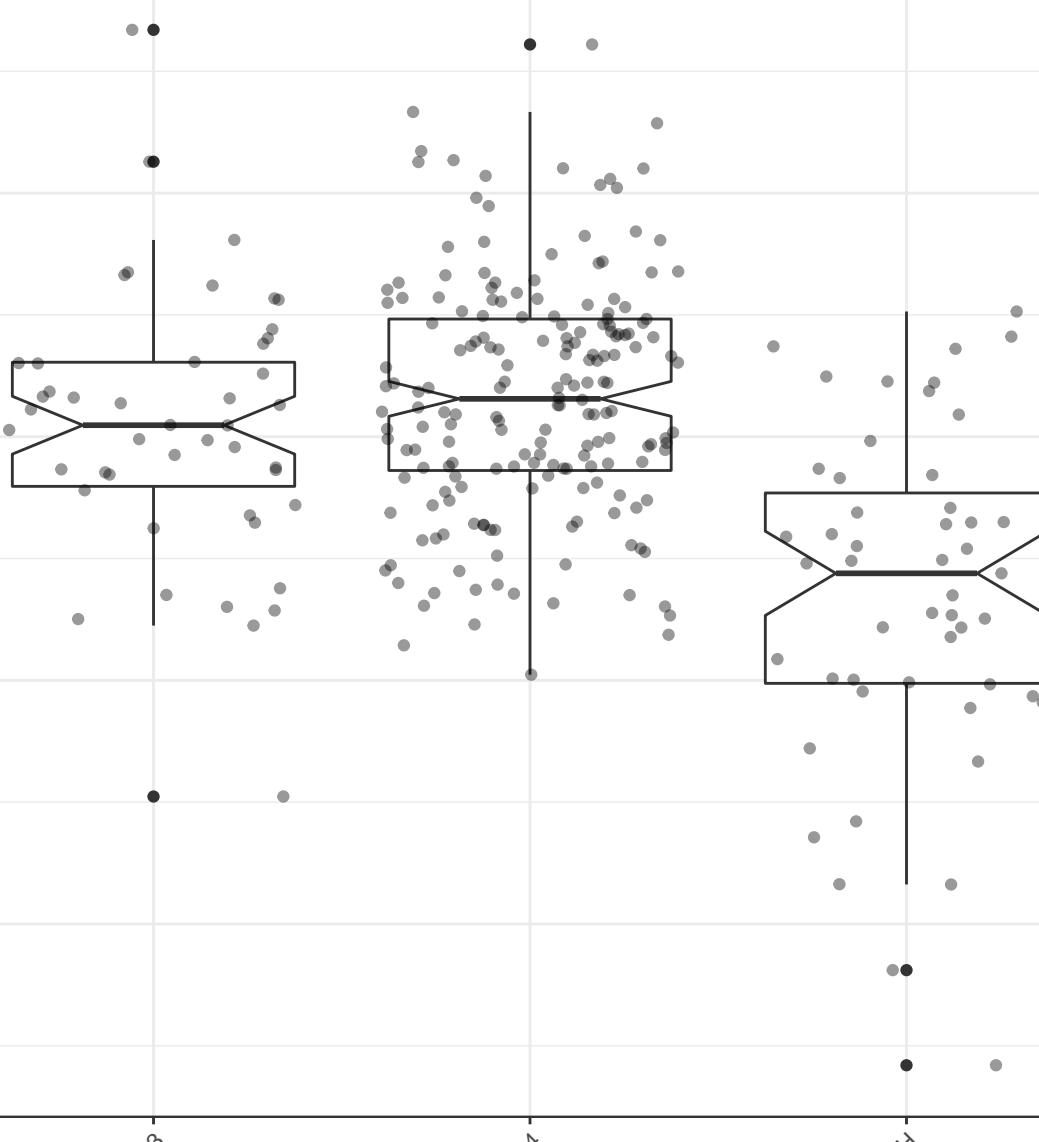
-0.10

Group 3

Group 4

SHH

subgroup



LV 868

Value

0.05

0.00

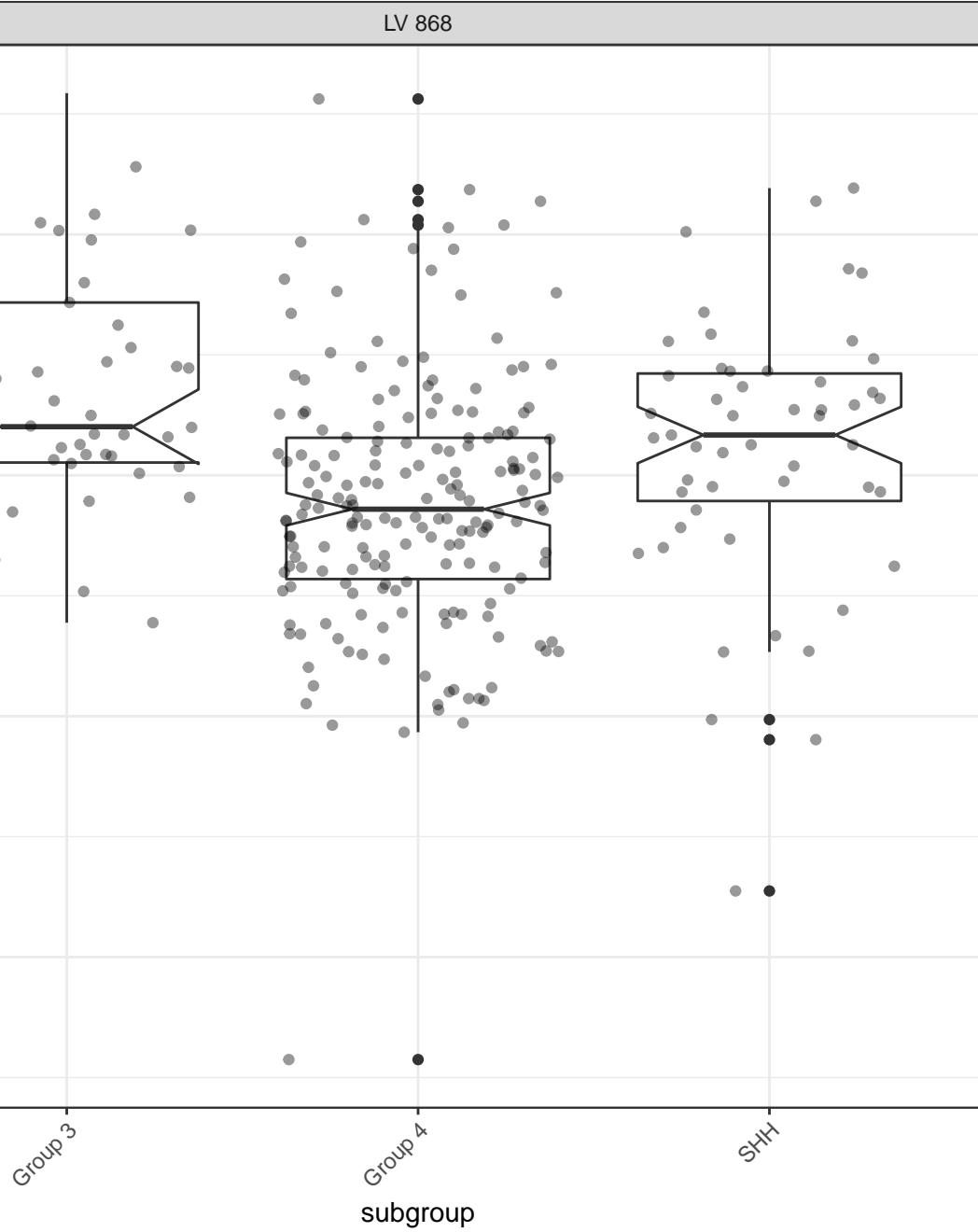
-0.05

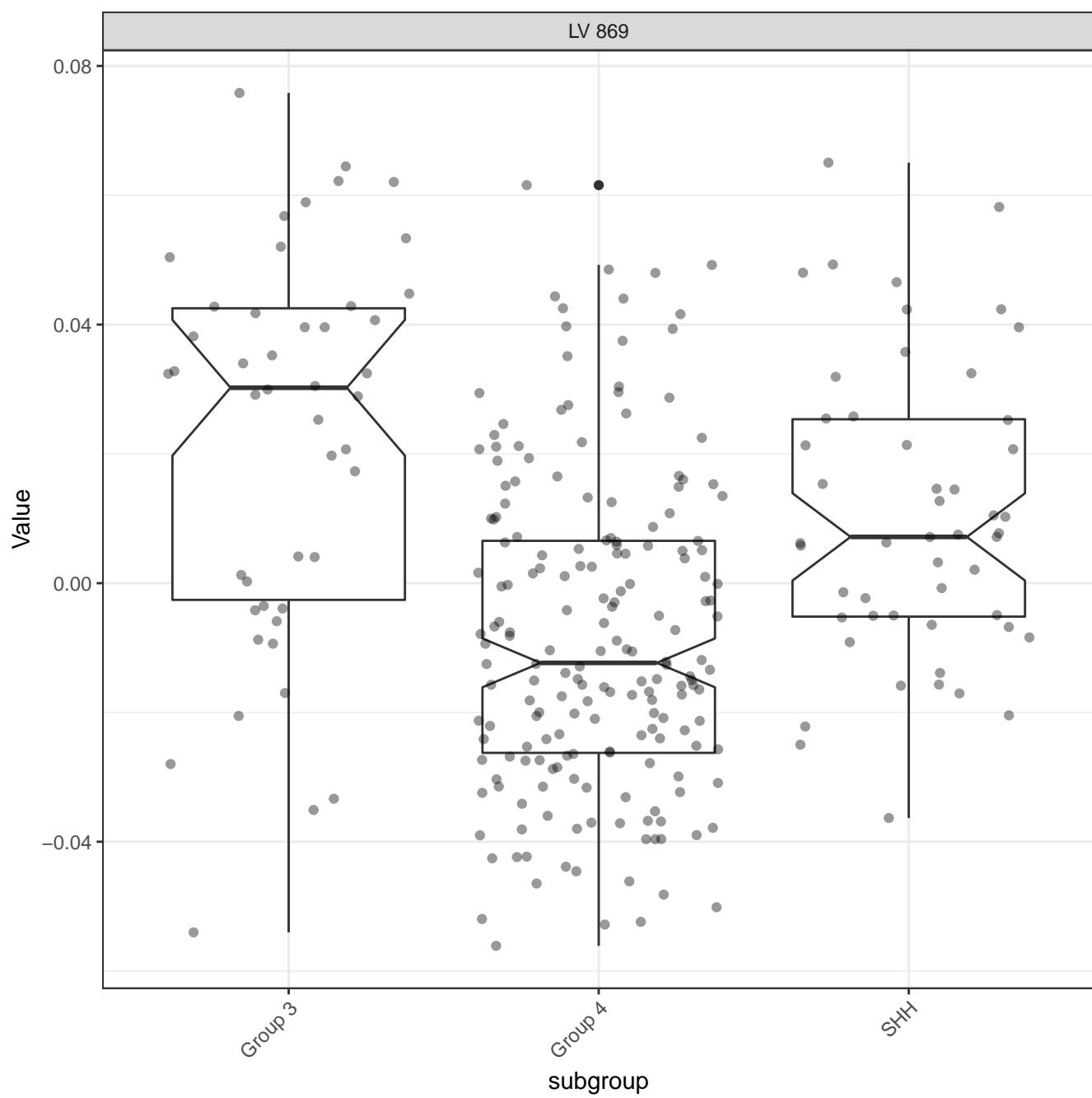
-0.10

Group 3

subgroup

SHH





LV 870

Value

0.10

0.05

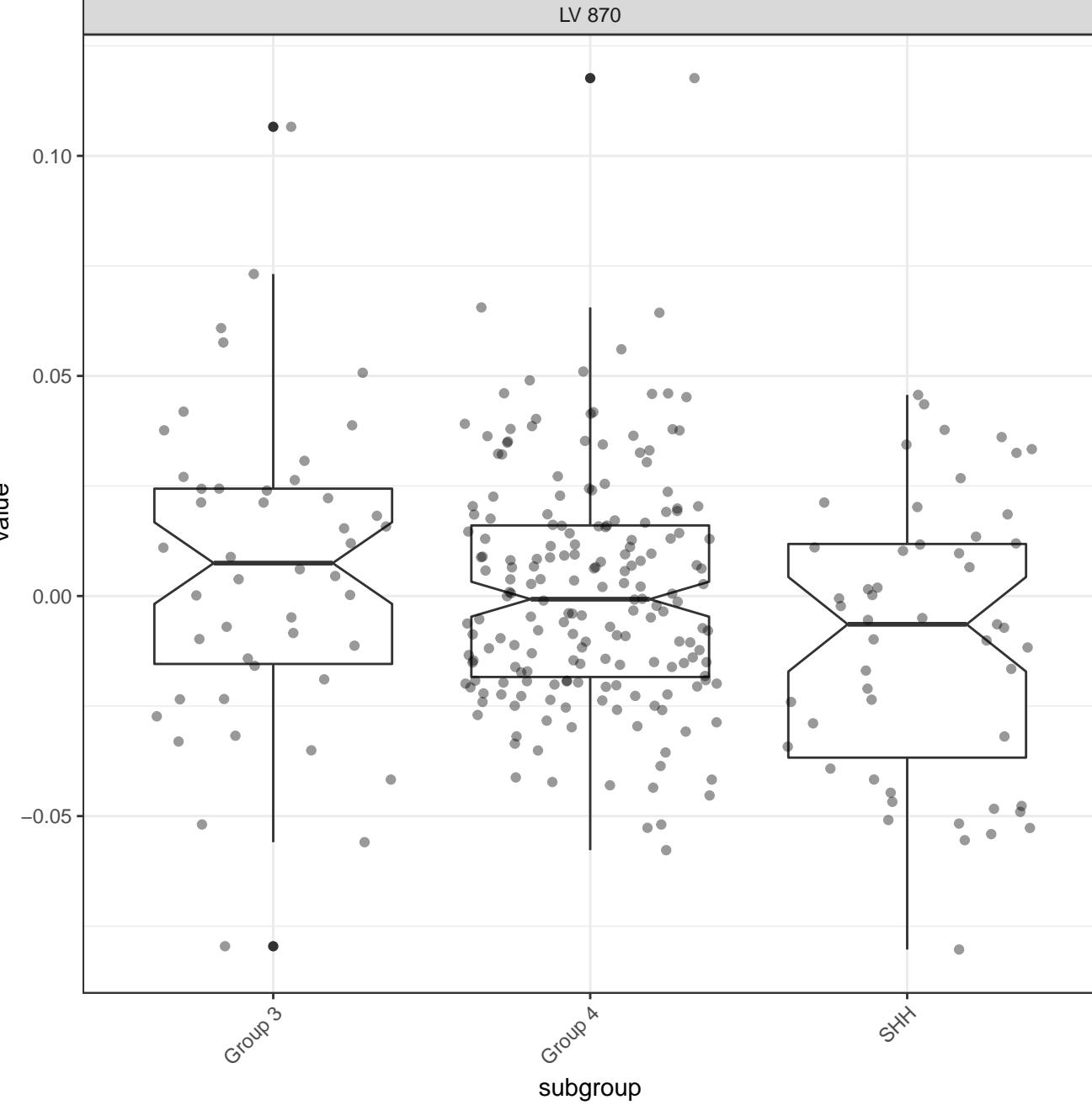
0.00

-0.05

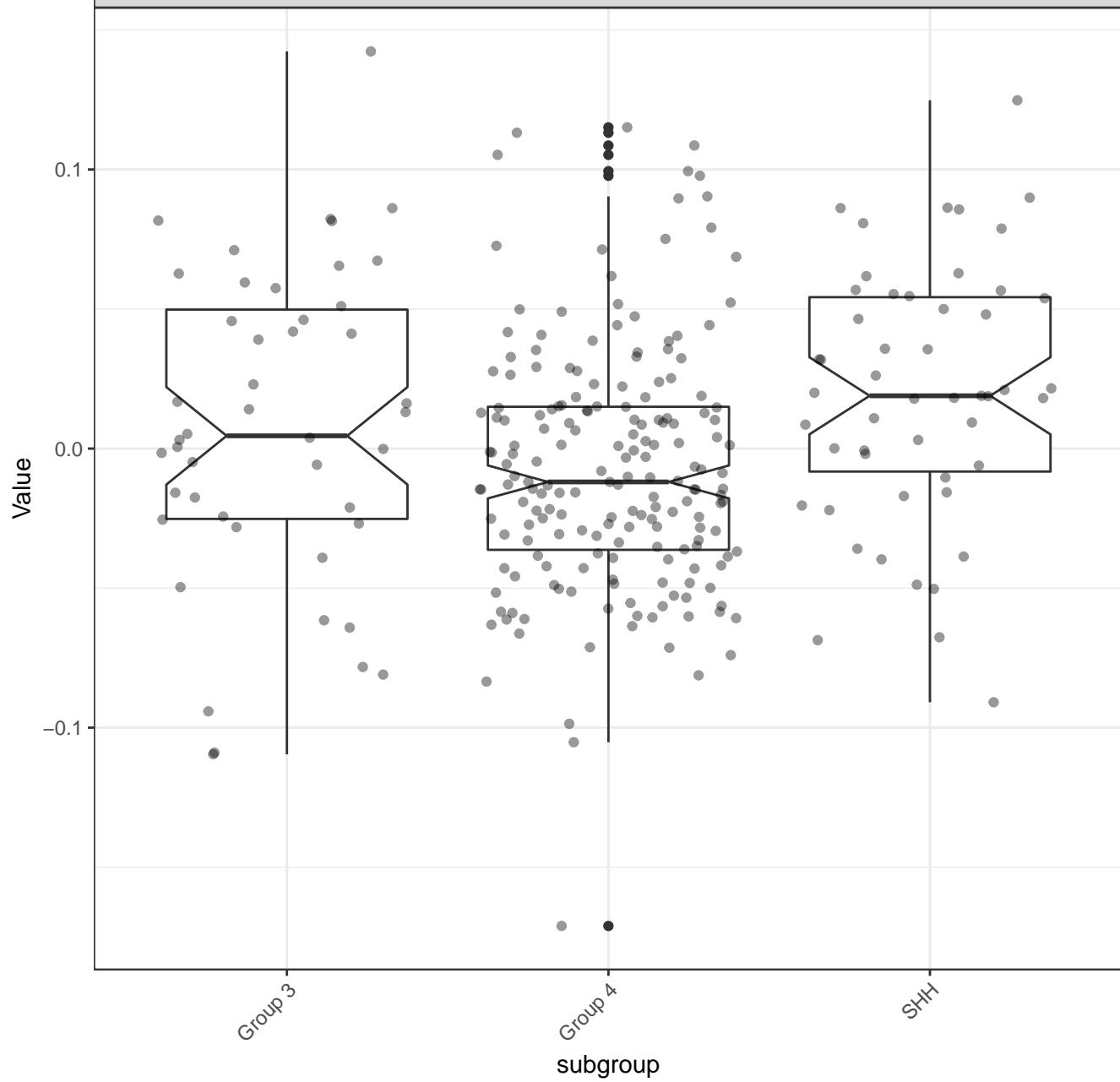
Group 3

subgroup

SHH



LV 871



LV 872

Value

0.15

0.10

0.05

0.00

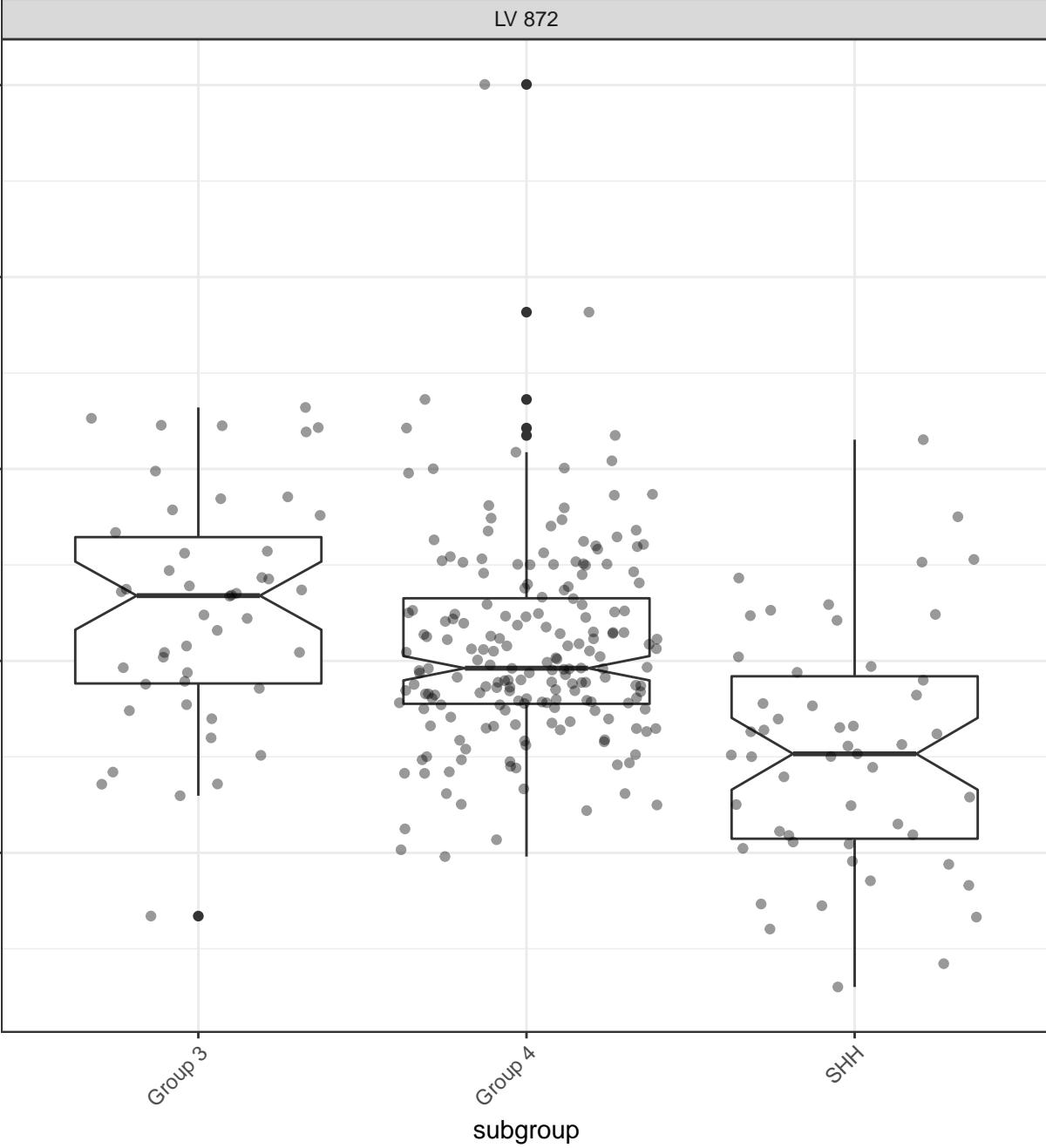
-0.05

Group 3

Group 4

SHH

subgroup



LV 873

Value

0.10

0.05

0.00

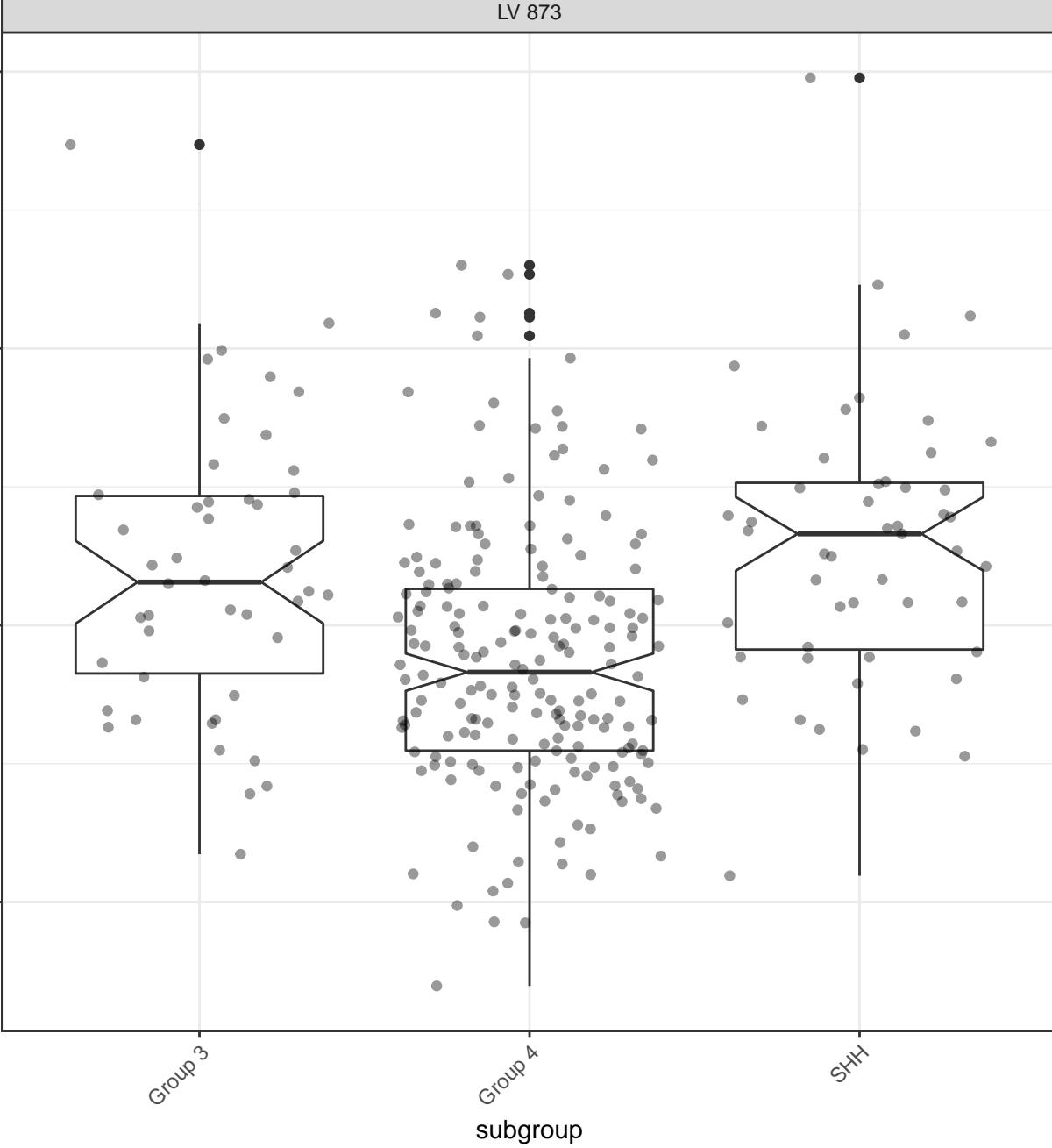
-0.05

Group 3

Group 4

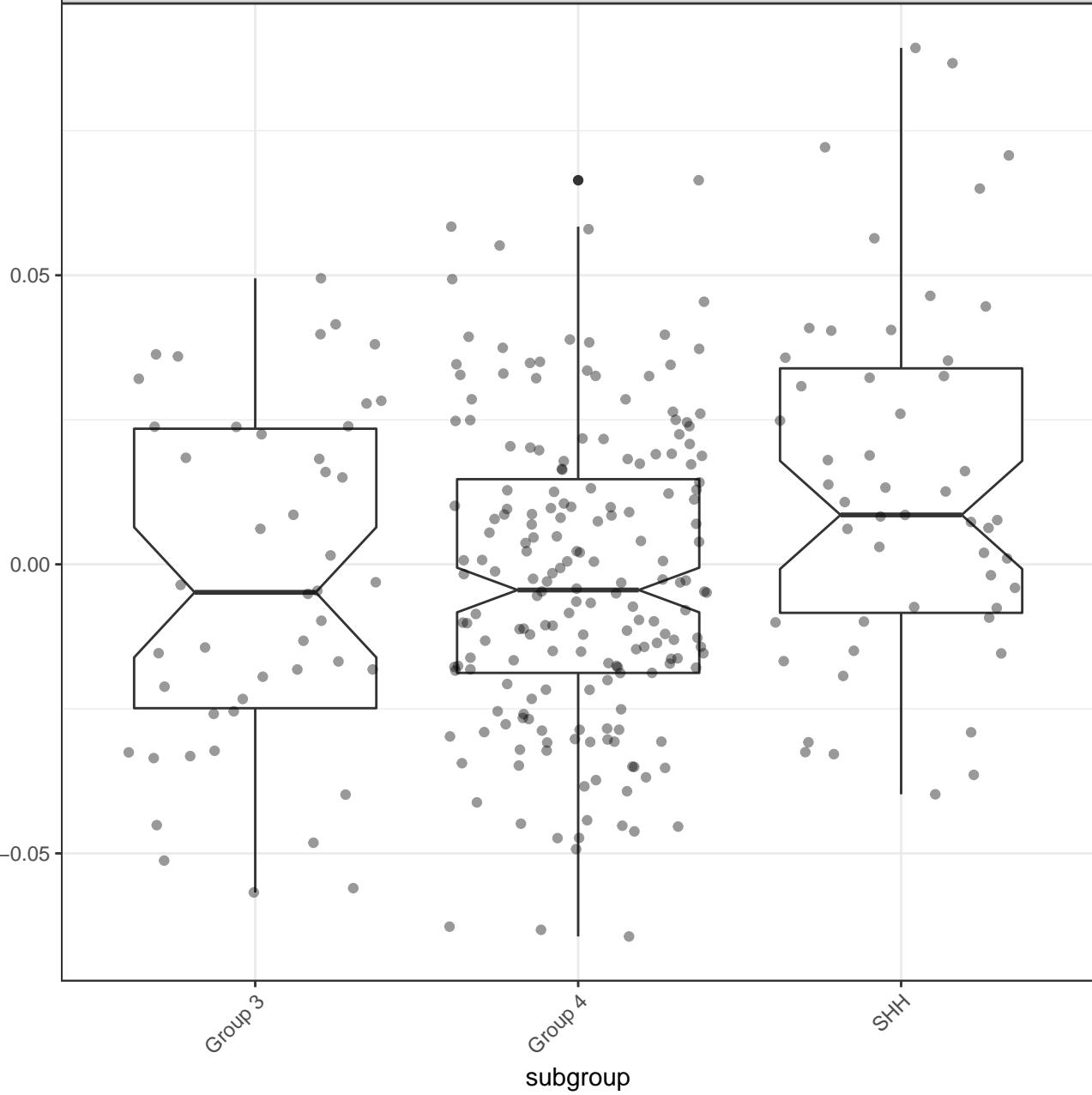
SHH

subgroup



LV 874

Value



LV 875

Value

0.05

0.00

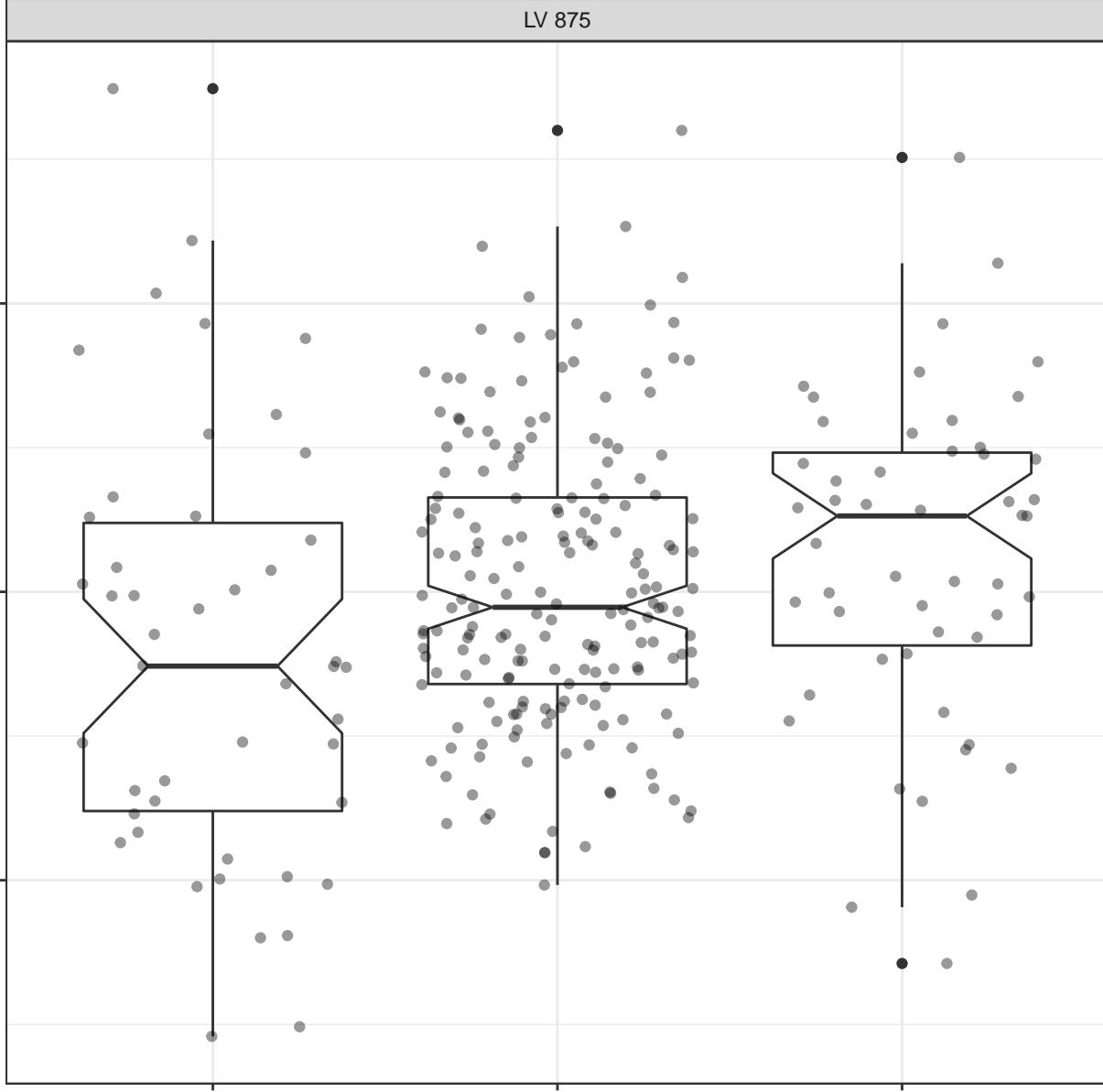
-0.05

Group 3

subgroup

Group 4

SHH



LV 876

Value

0.1

0.0

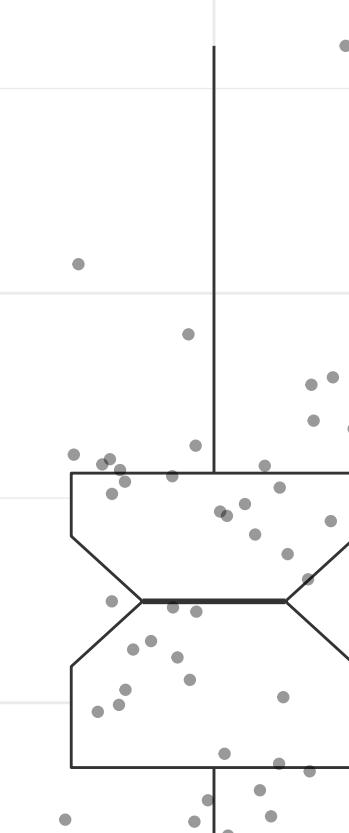
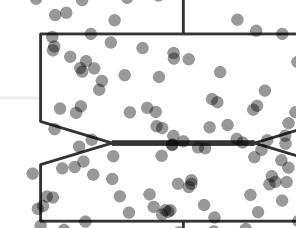
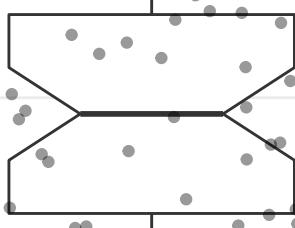
-0.1

Group 3

Group 4

SHH

subgroup



LV 877

Value

0.1

0.0

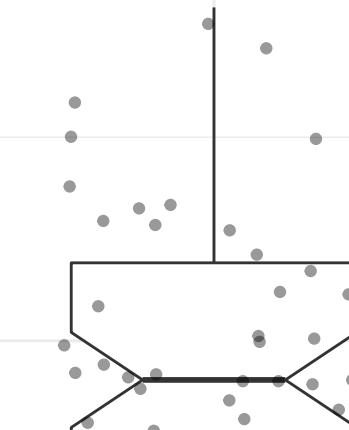
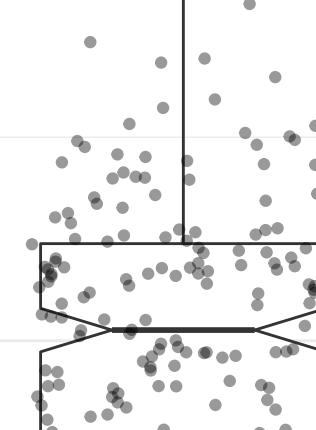
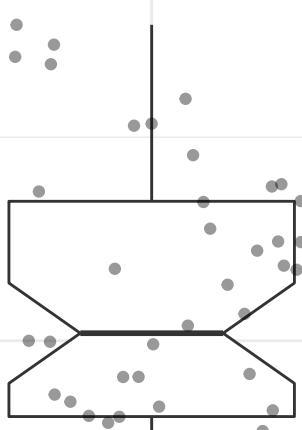
-0.1

Group³

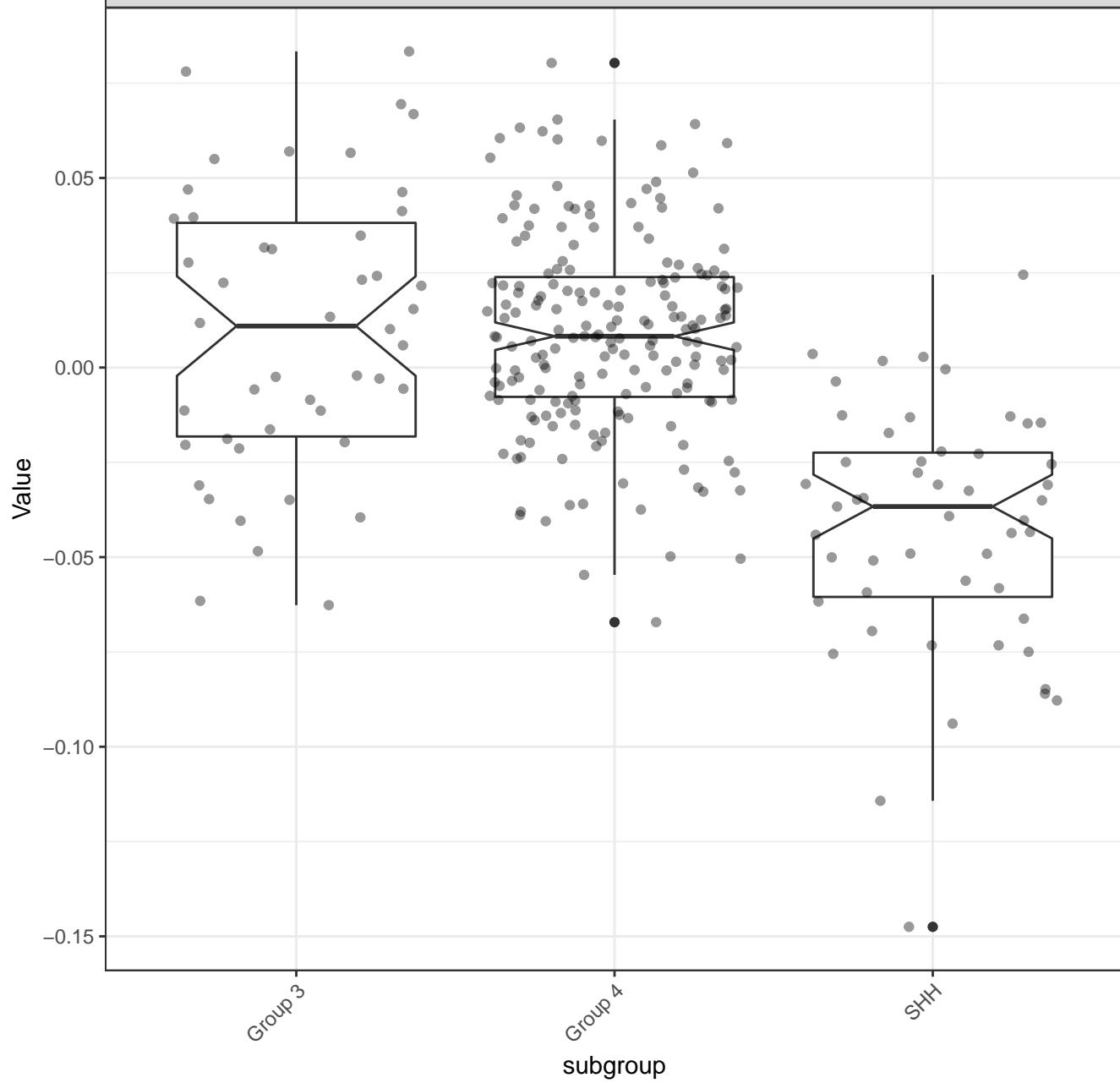
Group⁴

SHH

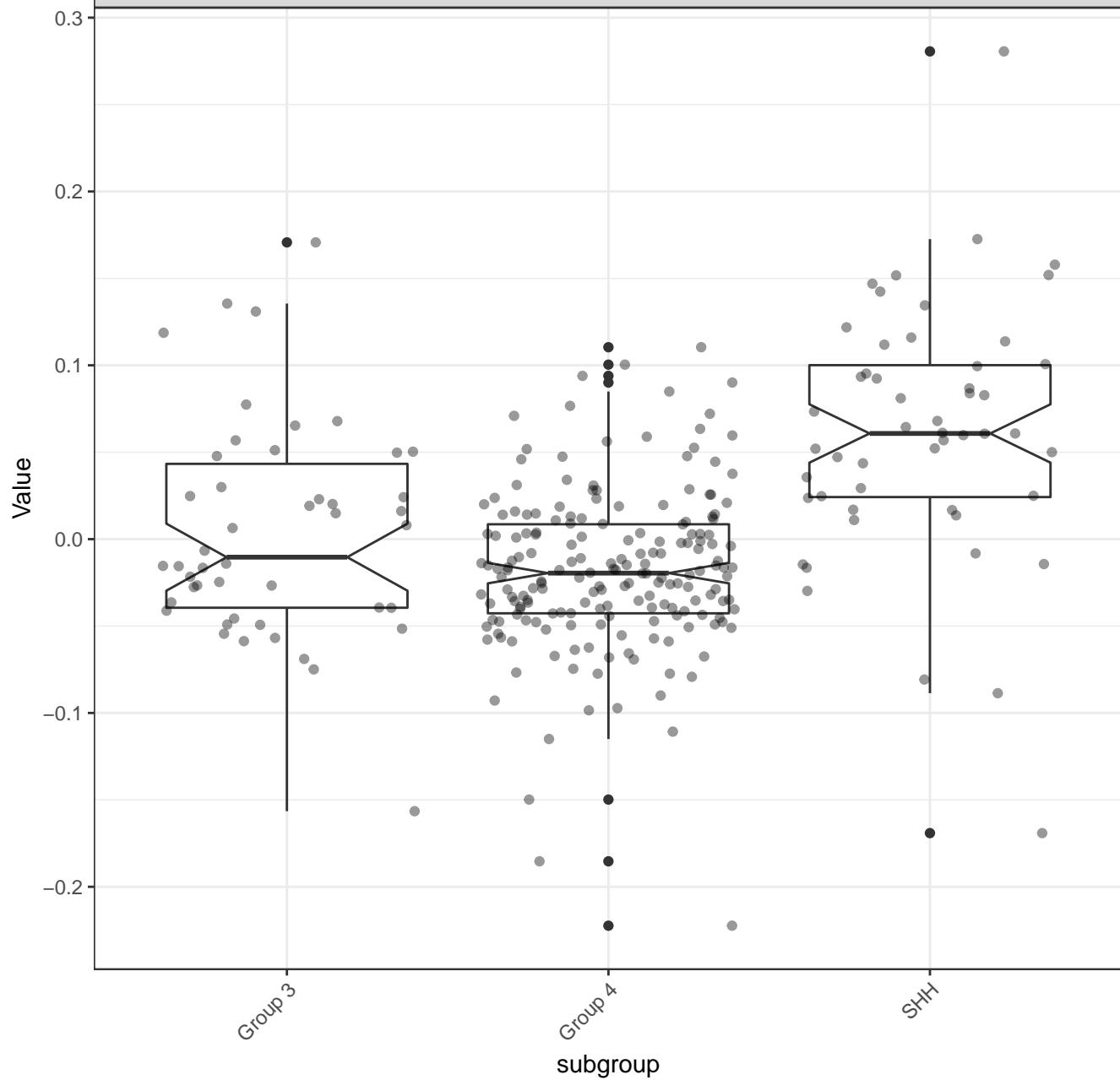
subgroup



LV 878



879,REACTOME_HEPARAN_SULFATE_HEPARIN_HS_GAG_METABOLISM



LV 880

Value

0.10

0.05

0.00

-0.05

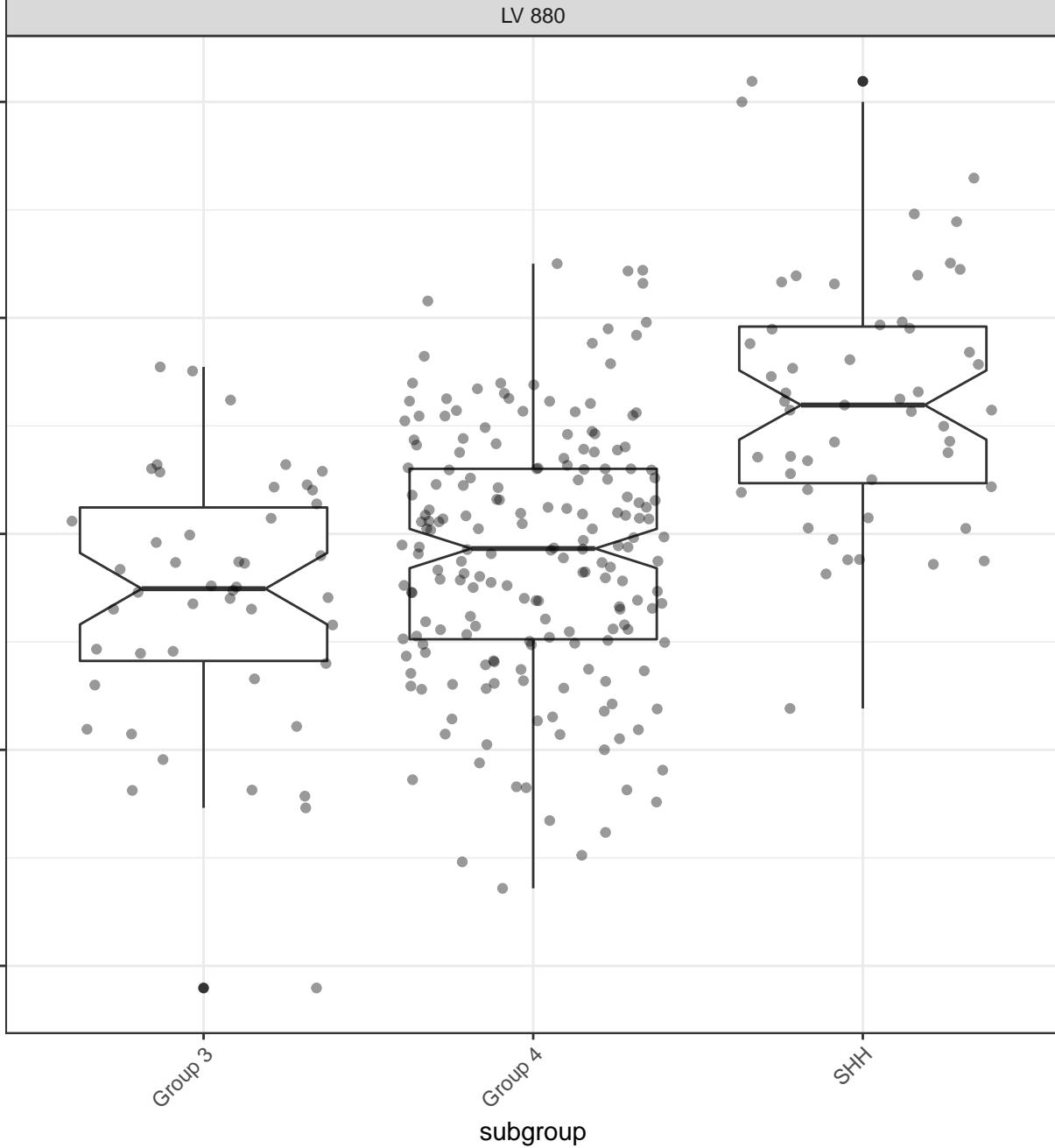
-0.10

Group 3

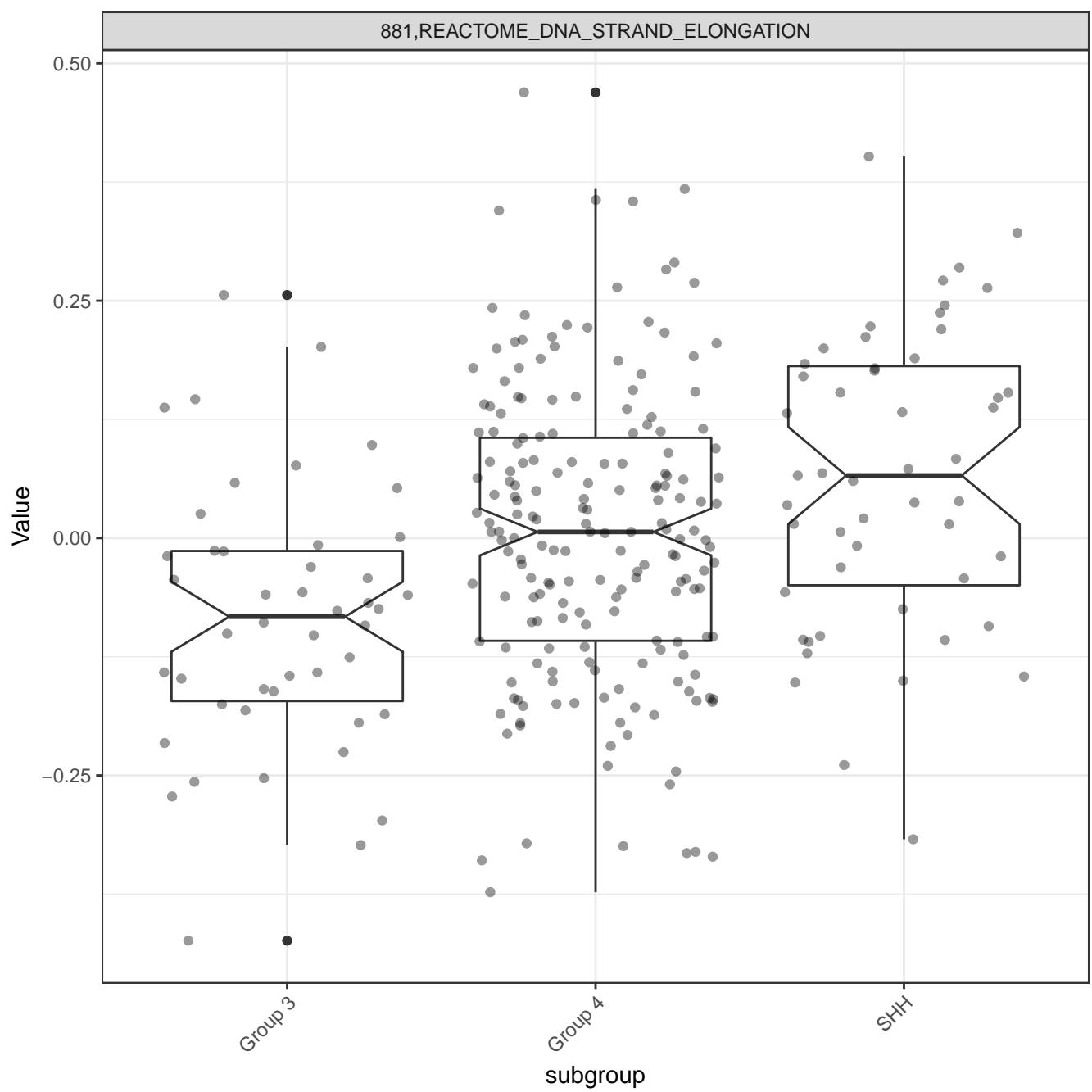
Group 4

SHH

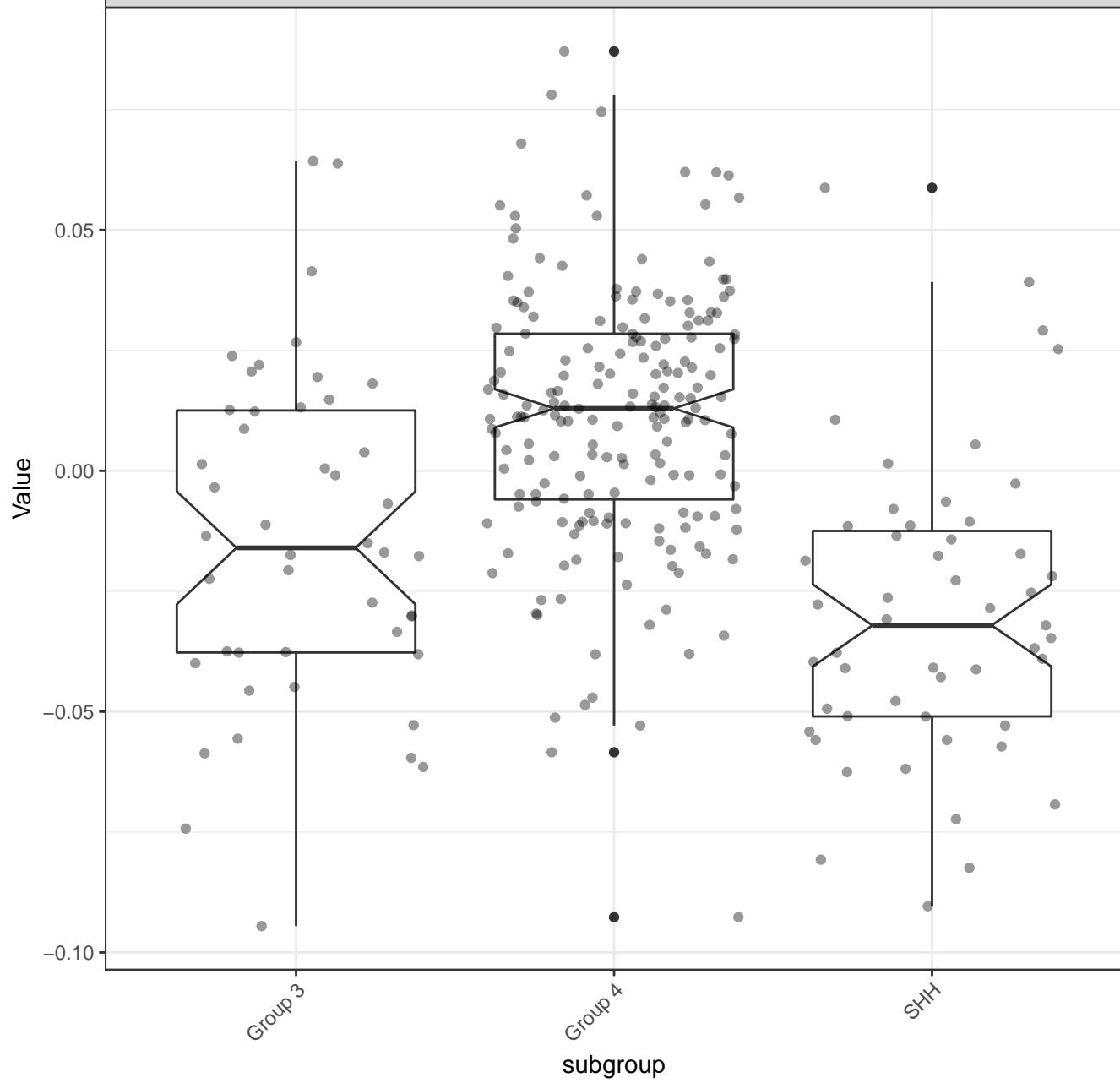
subgroup



881,REACTOME_DNA_STRAND_ELONGATION



LV 882



LV 883

Value

0.10

0.05

0.00

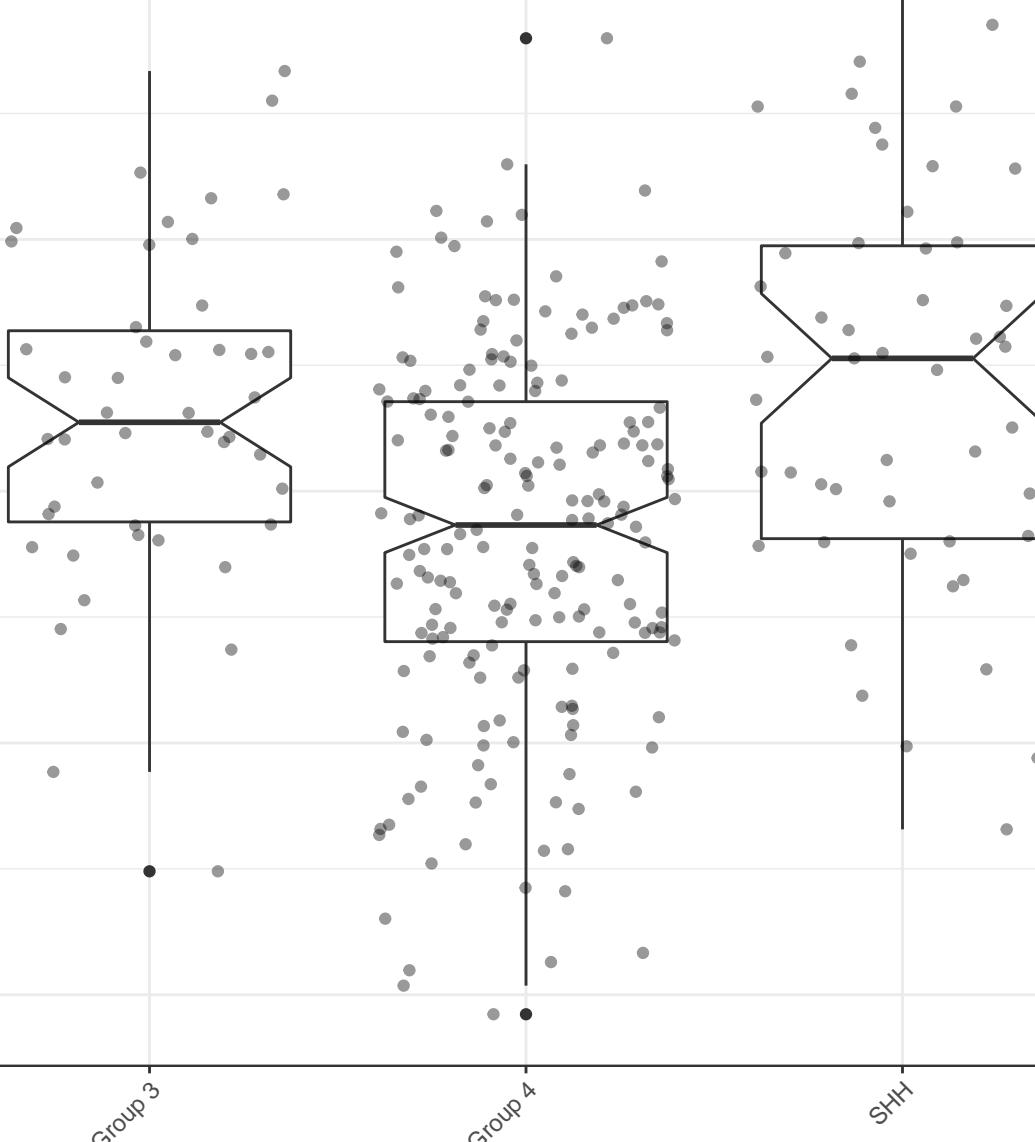
-0.05

-0.10

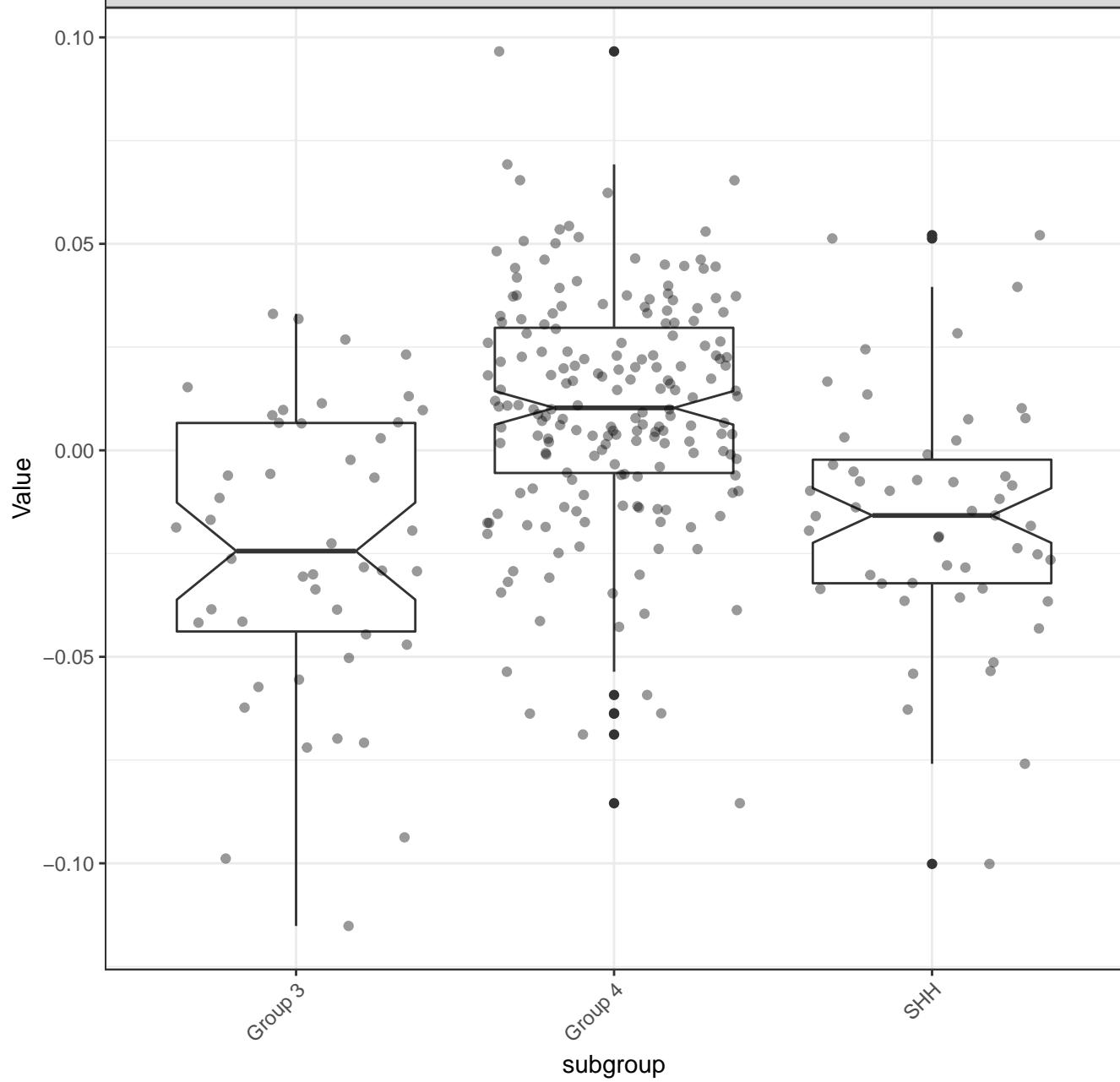
Group 3

subgroup

SHH



LV 884



LV 885

Value

0.3

0.2

0.1

0.0

-0.1

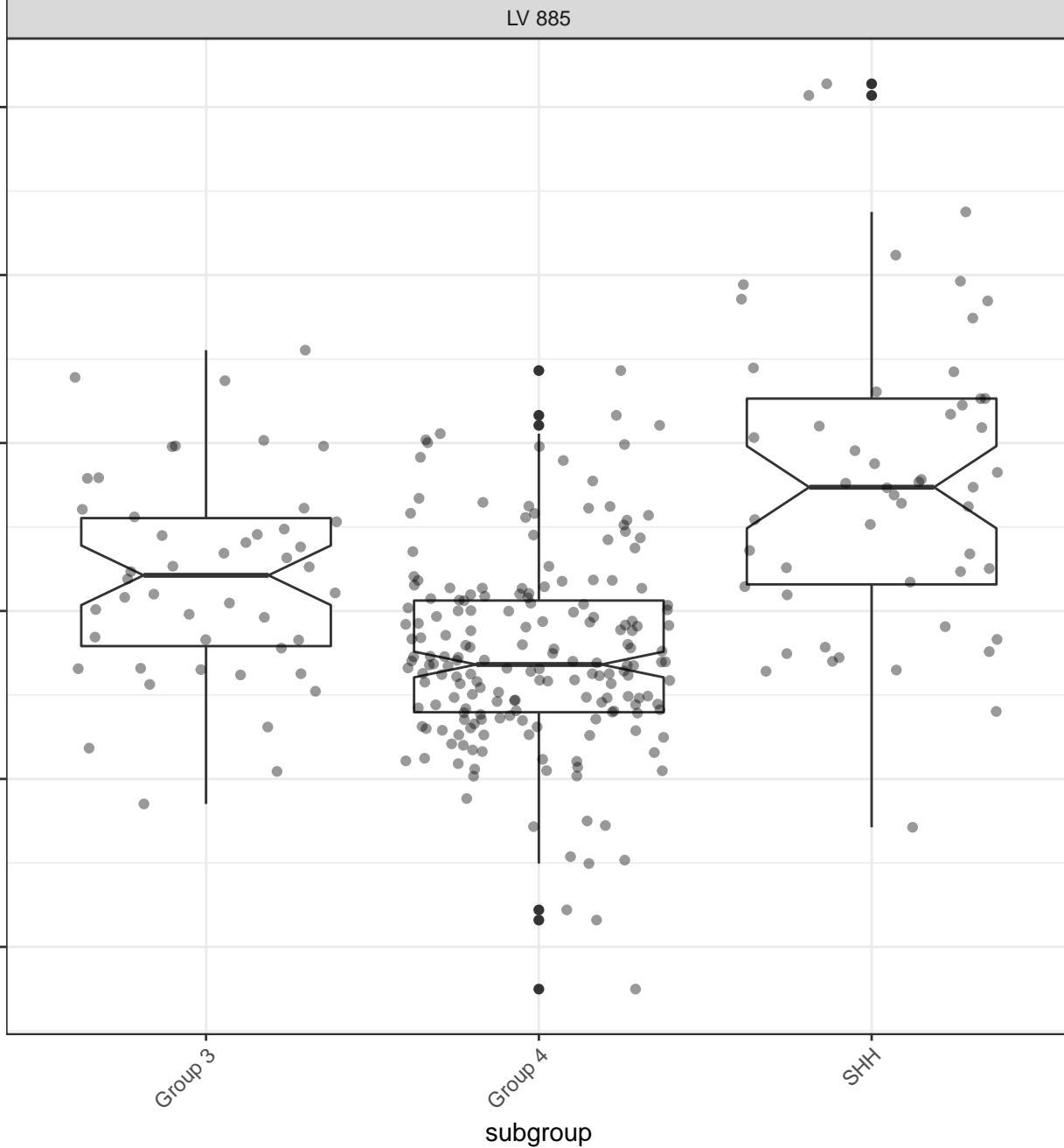
-0.2

Group 3

Group 4

SHH

subgroup



LV 886

Value

0.1

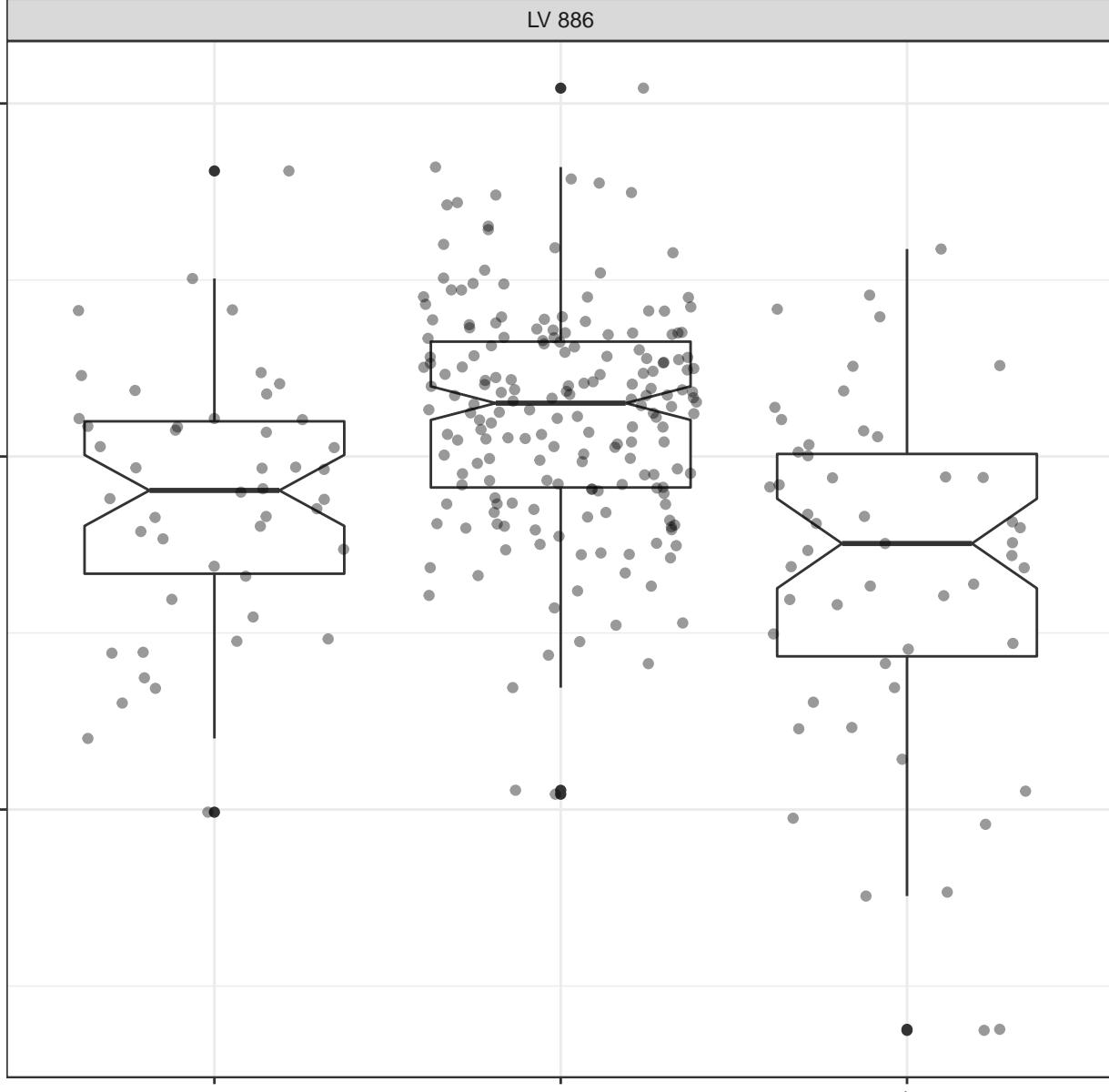
0.0

-0.1

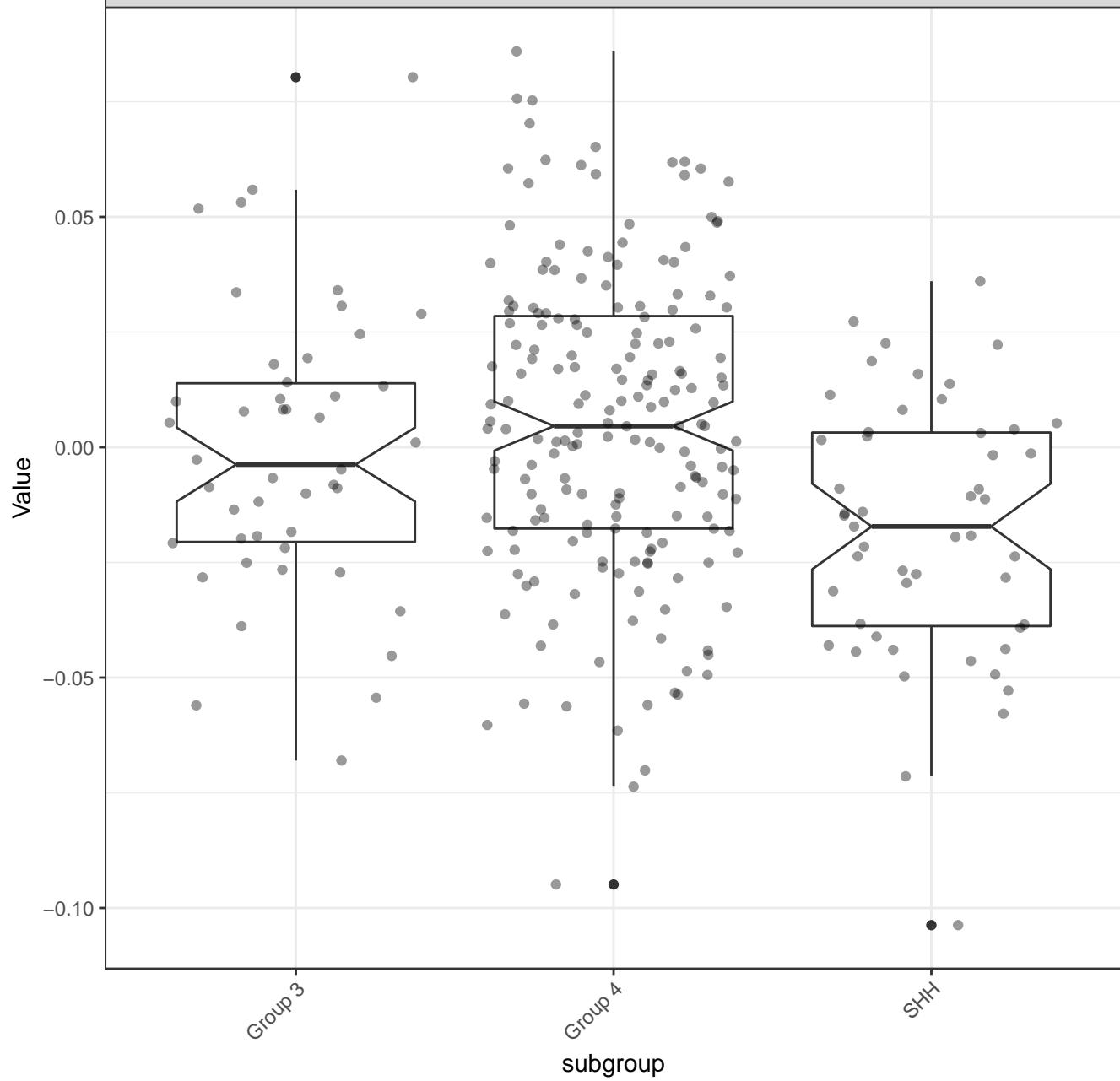
Group³Group⁴

SHH

subgroup



LV 887



LV 888

Value

0.10

0.05

0.00

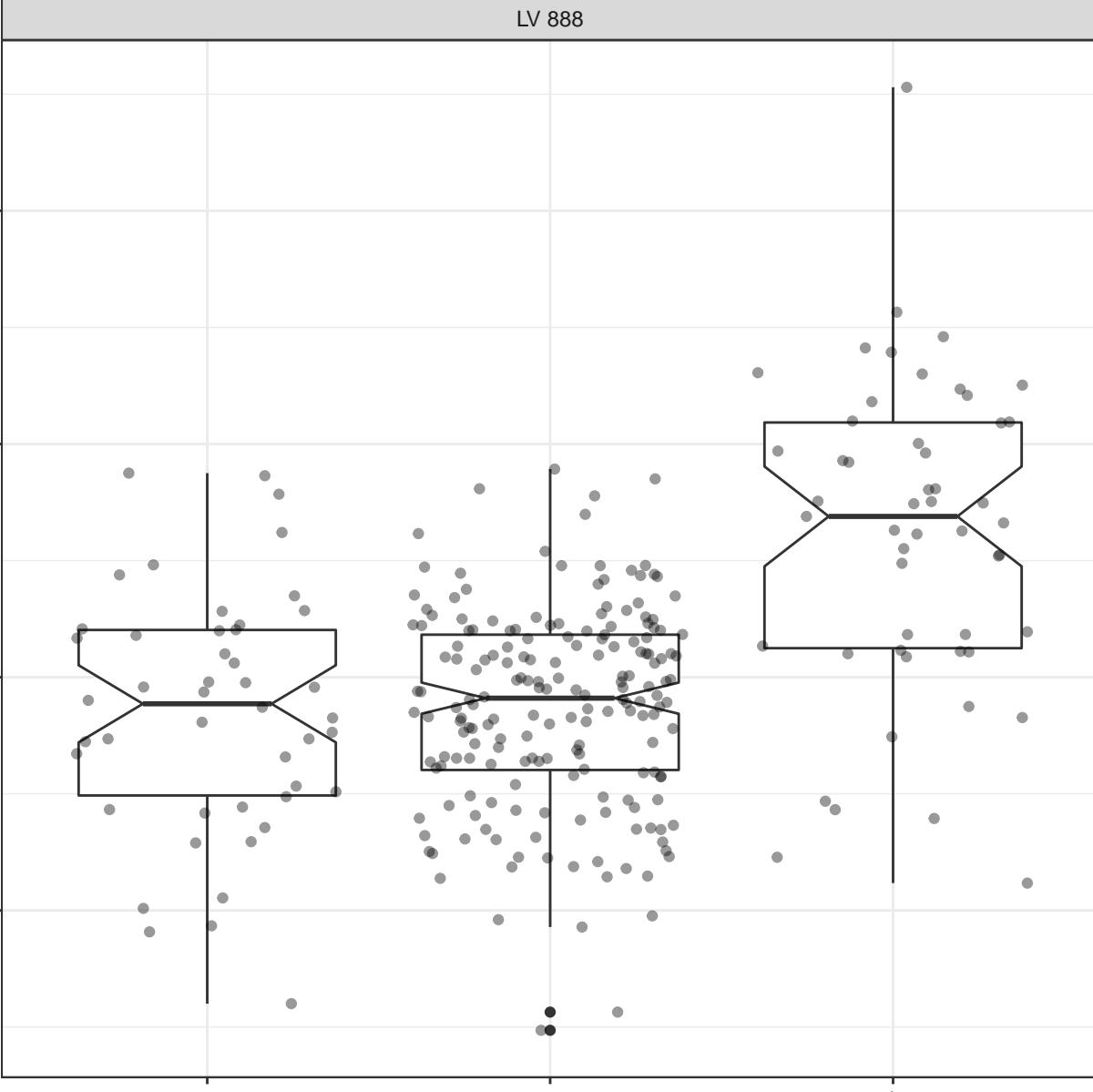
-0.05

Group 3

subgroup

Group 4

SHH



LV 889

Value

0.1

0.0

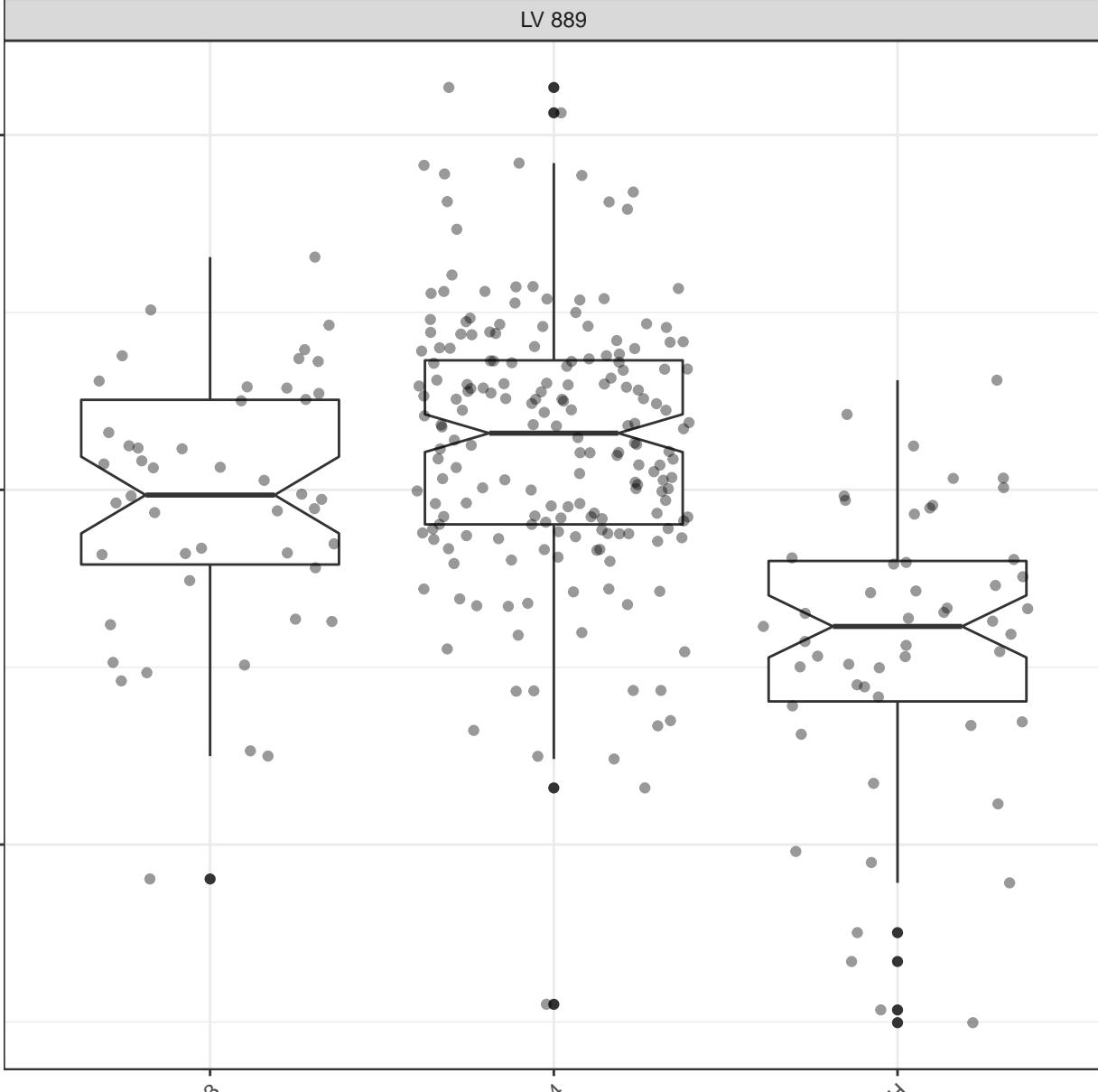
-0.1

Group 3

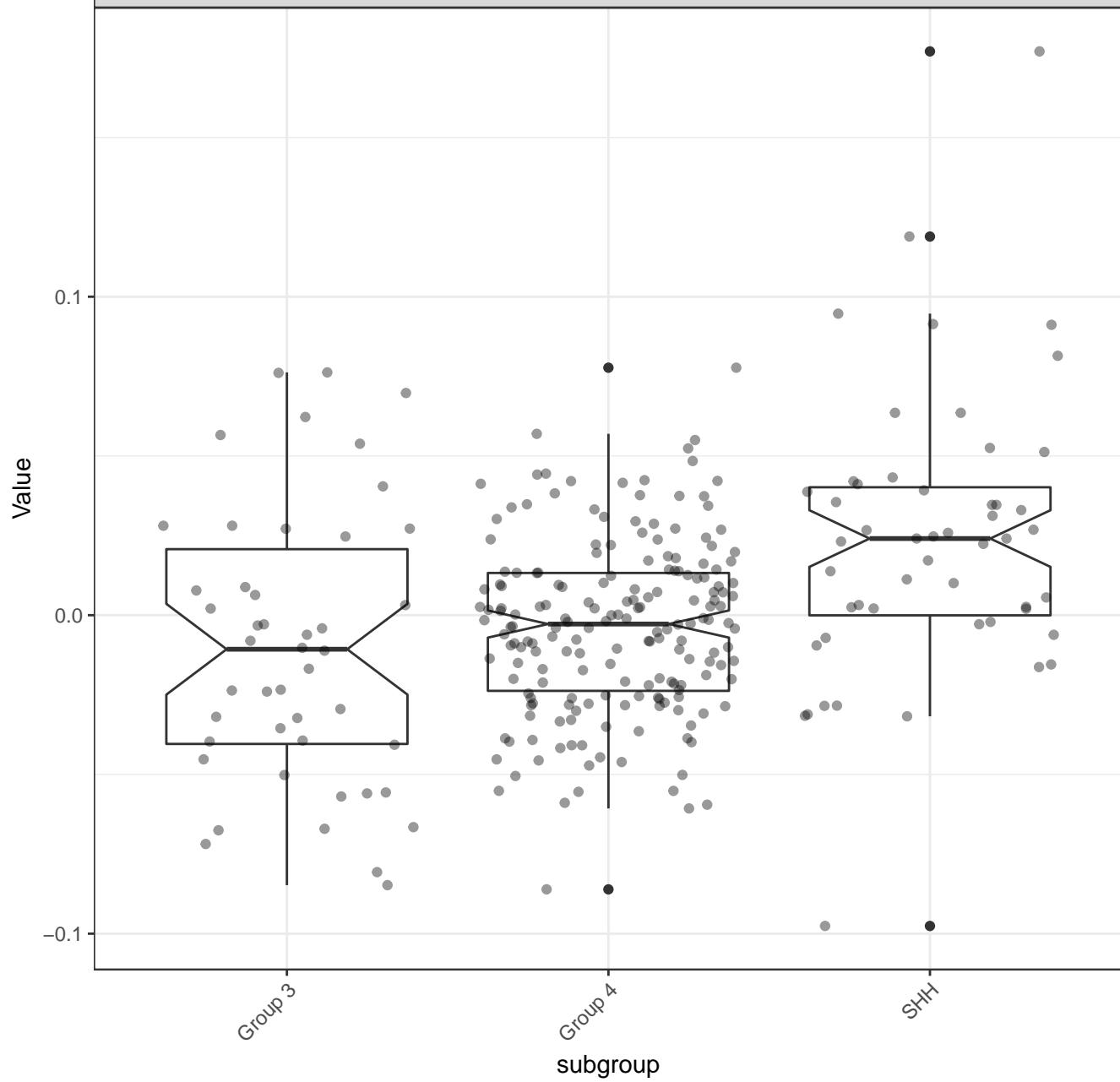
Group 4

SHH

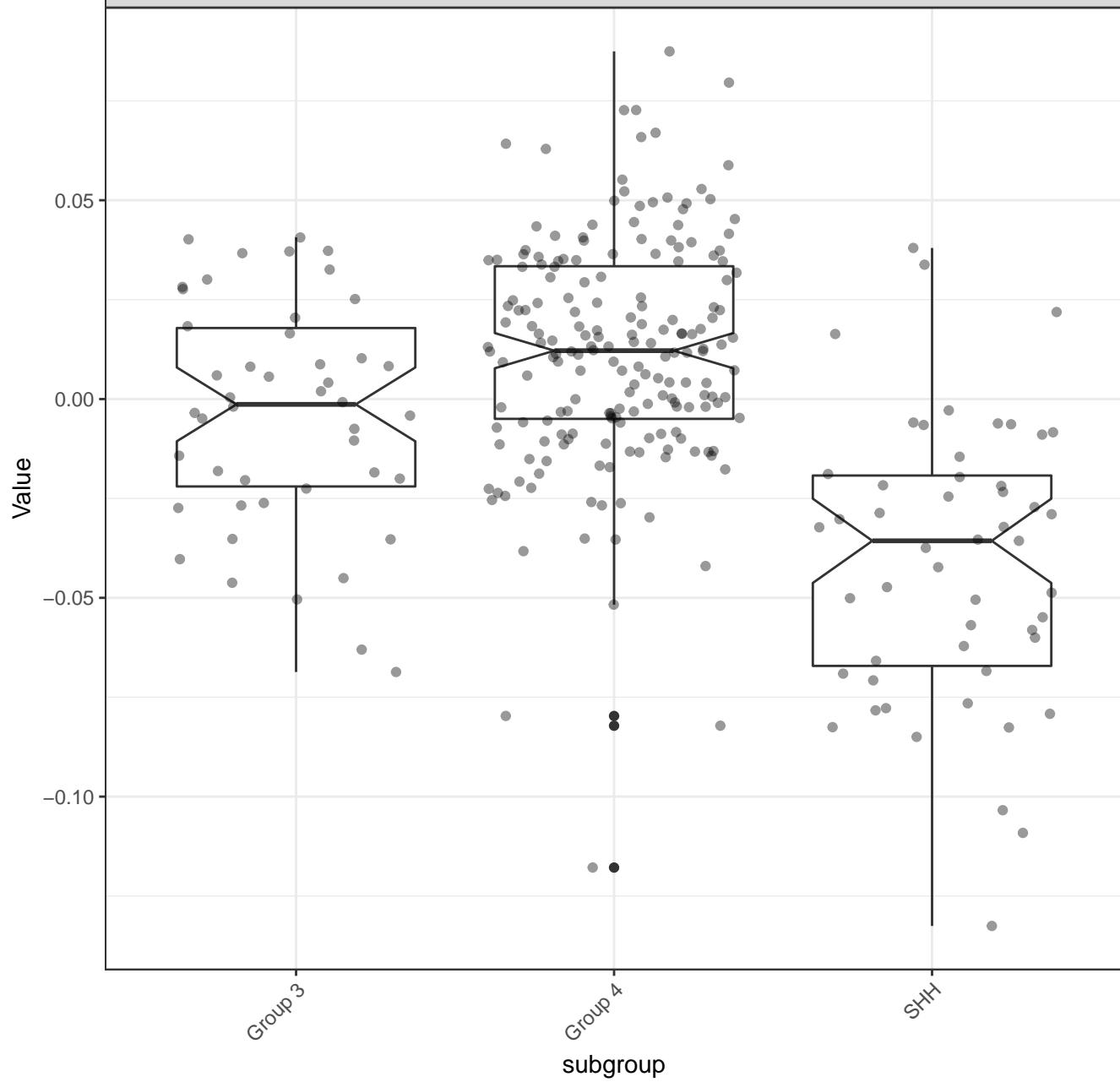
subgroup



LV 890



LV 891



LV 892

Value

0.10

0.05

0.00

-0.05

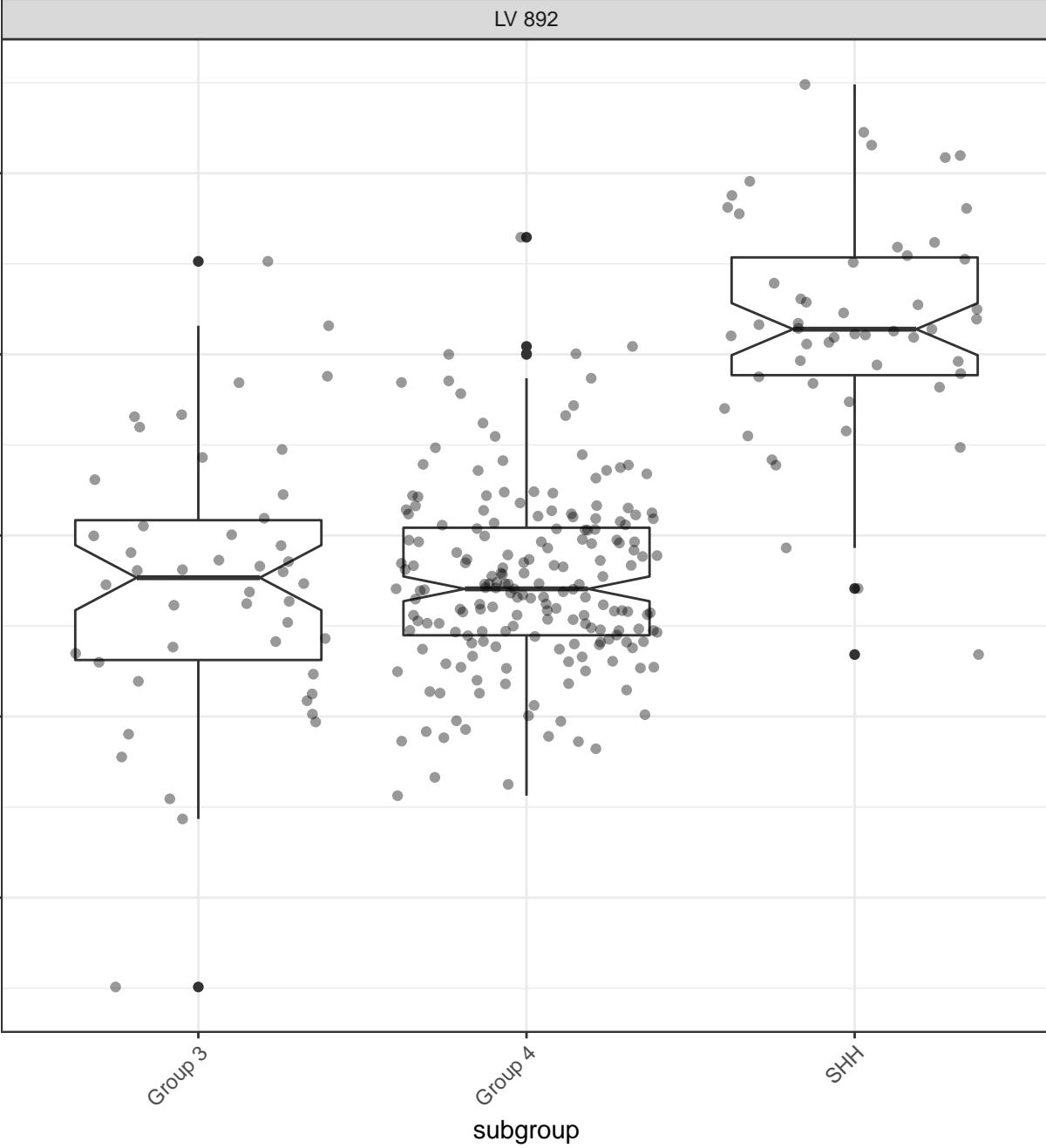
-0.10

Group 3

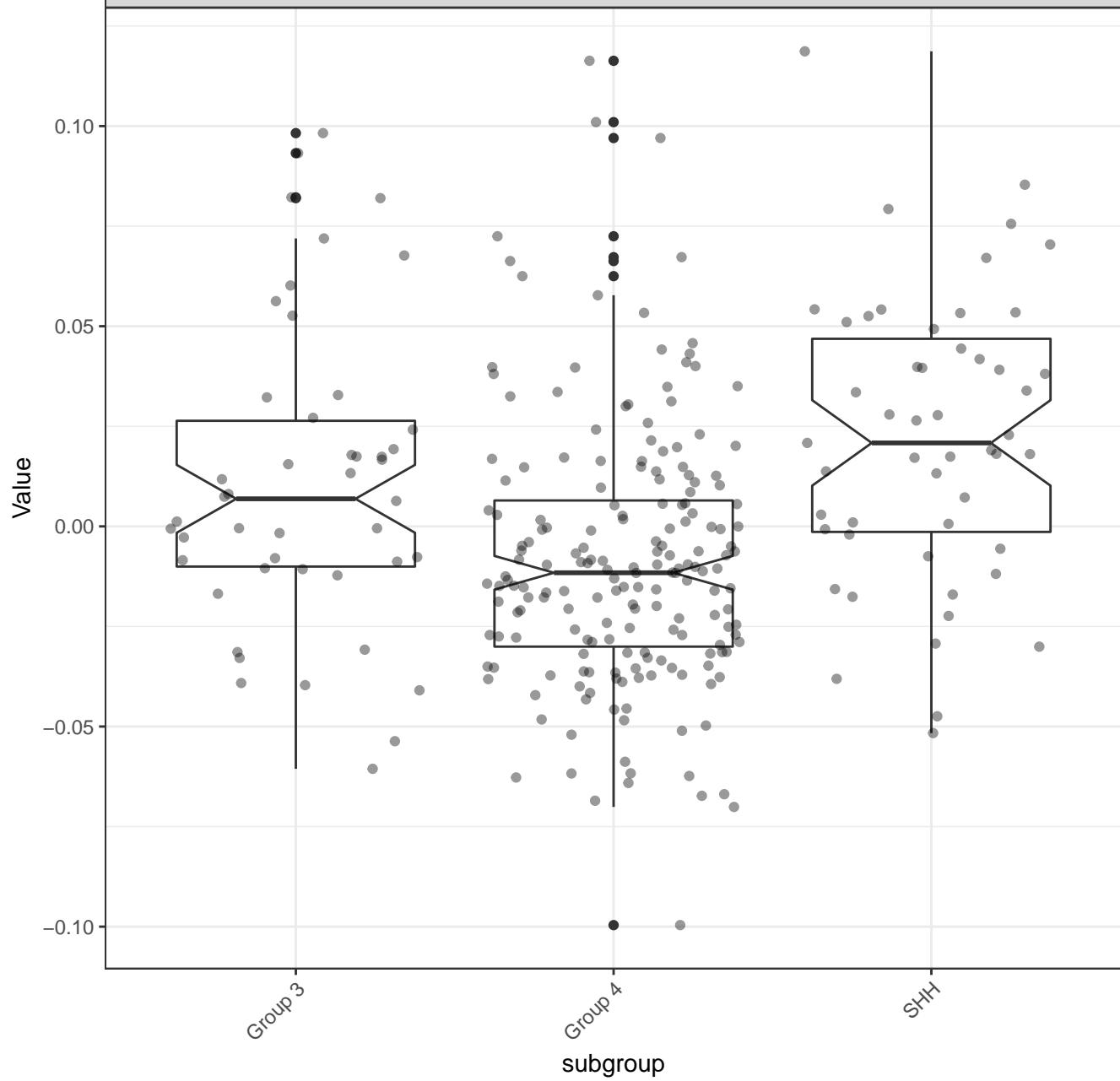
Group 4

SHH

subgroup



LV 893



LV 894

Value

0.05

0.00

-0.05

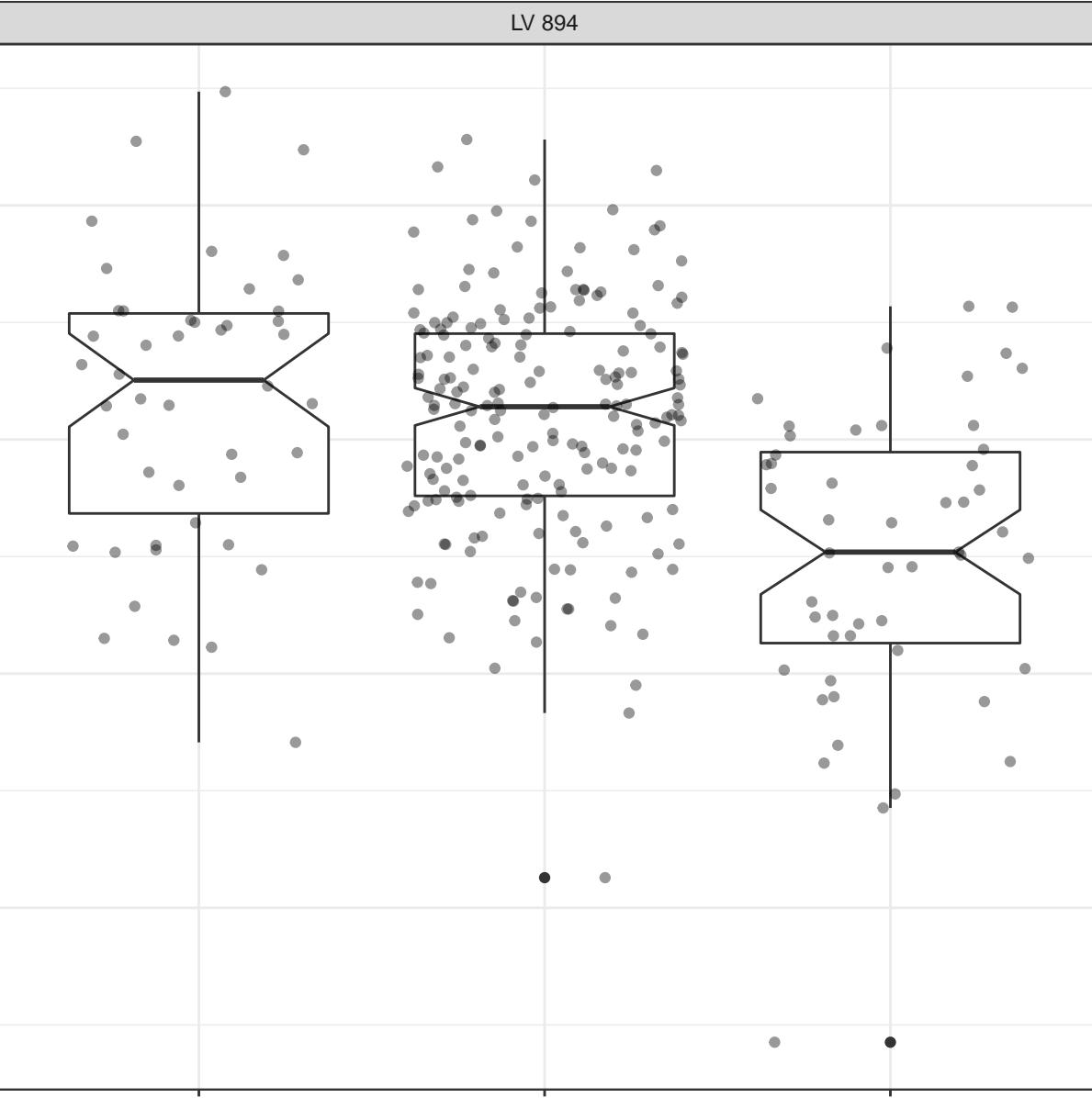
-0.10

Group 3

subgroup

Group 4

SHH



LV 895

Value

0.04

0.00

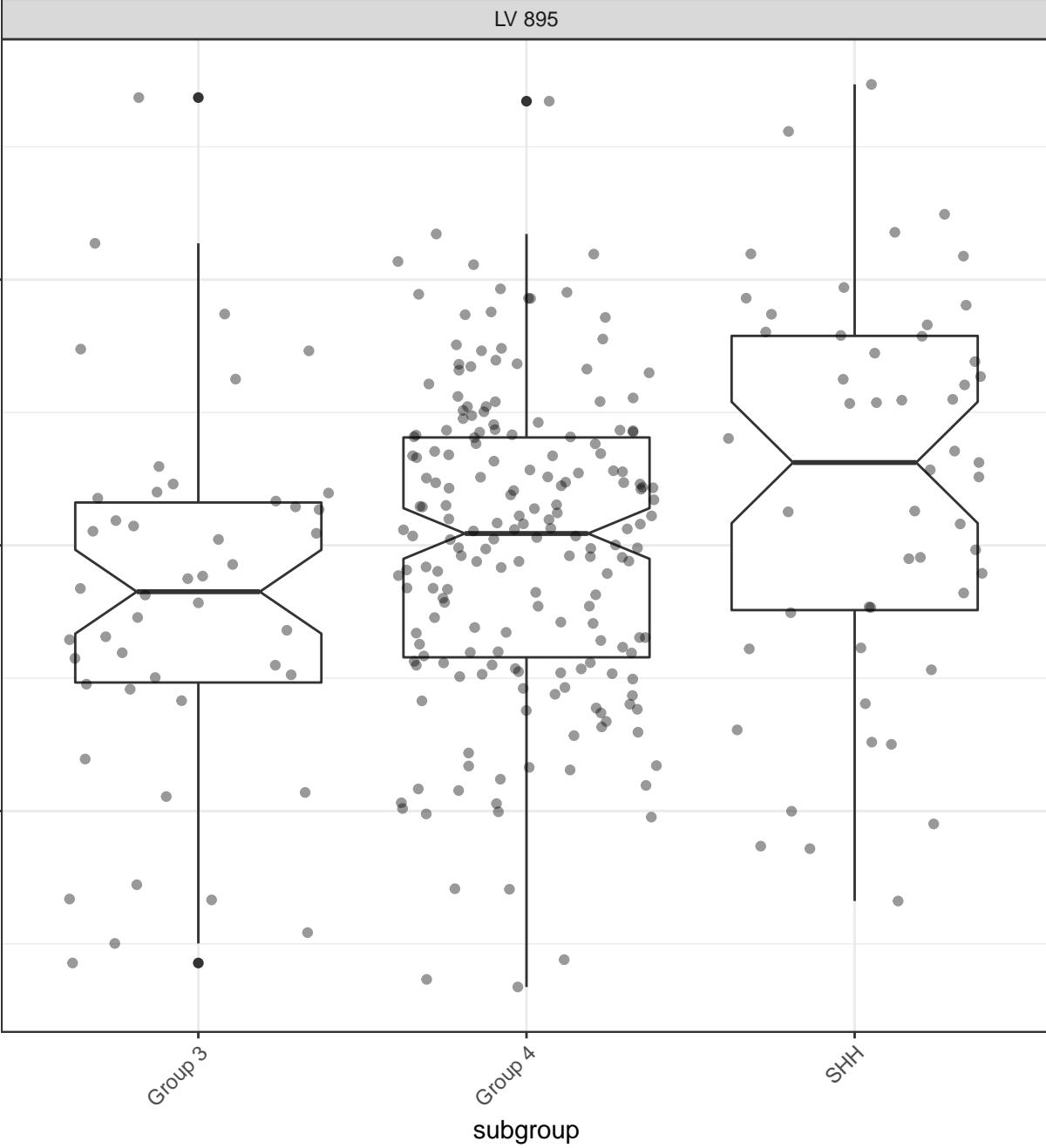
-0.04

Group 3

Group 4

SHH

subgroup



LV 896

Value

0.05

0.00

-0.05

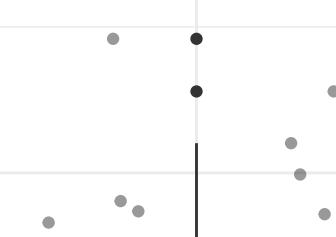
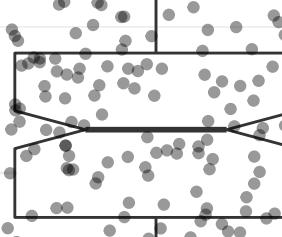
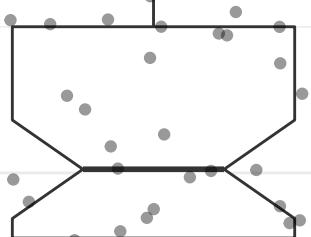
-0.10

Group 3

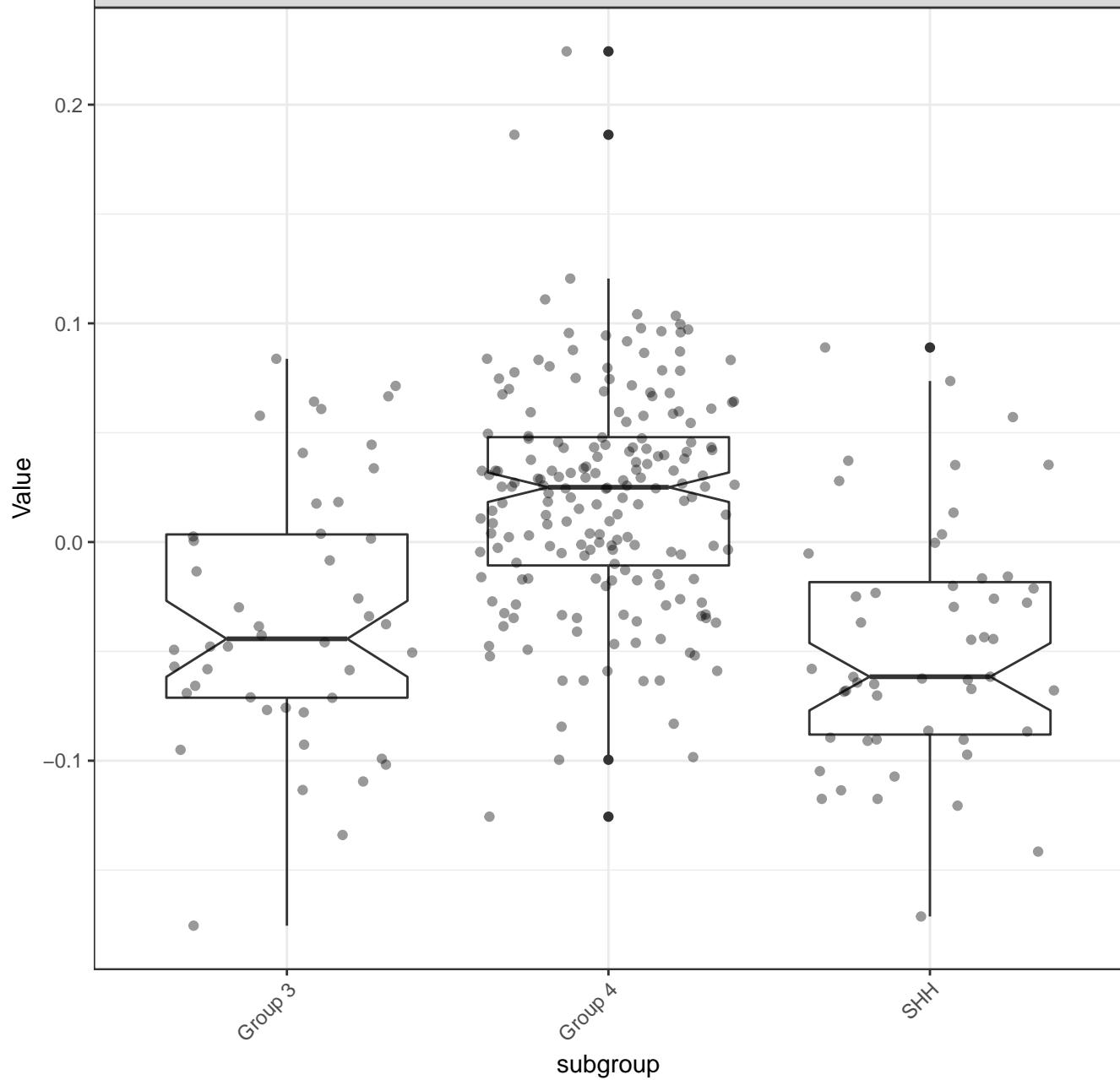
subgroup

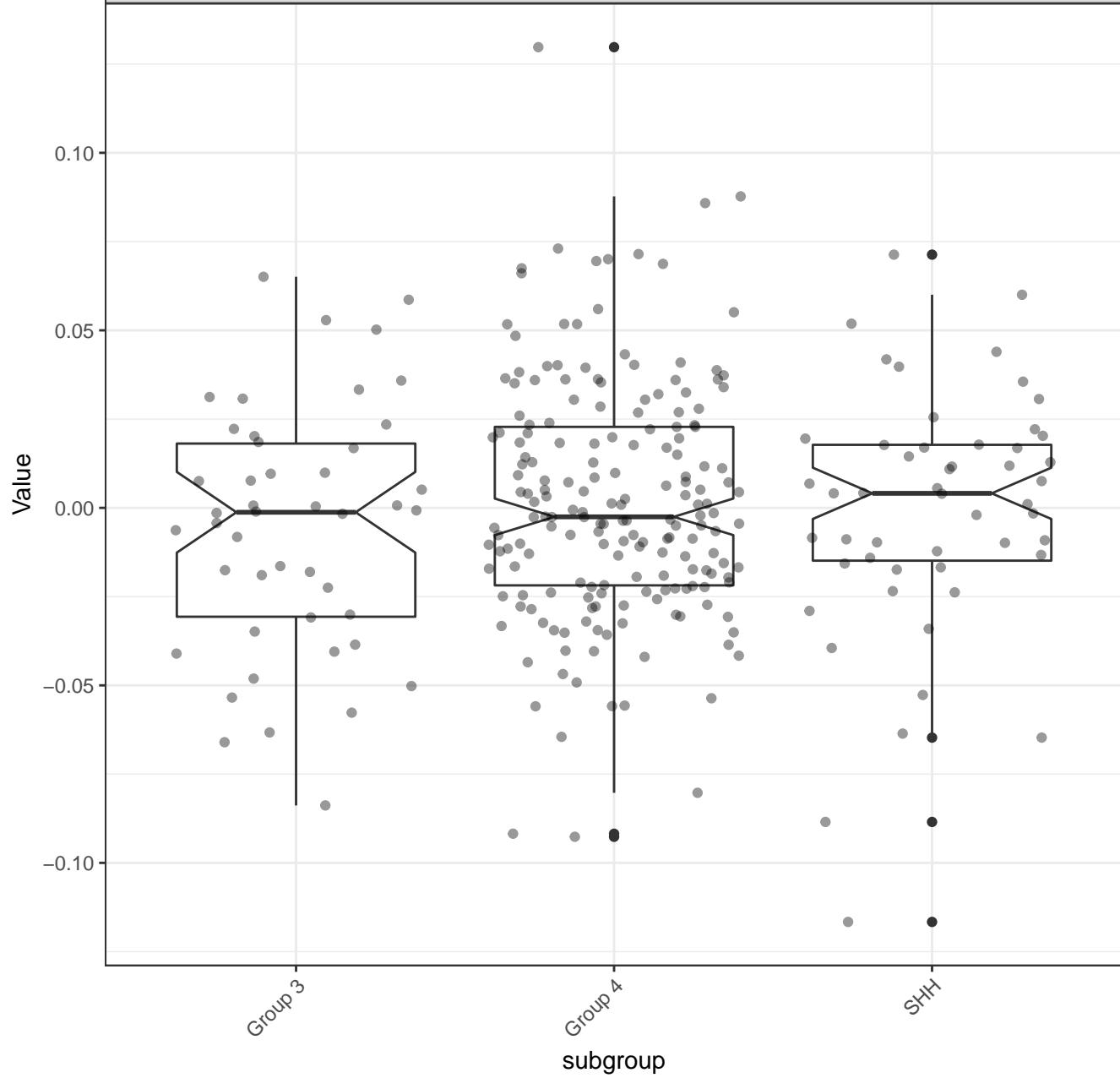
Group 4

SHH

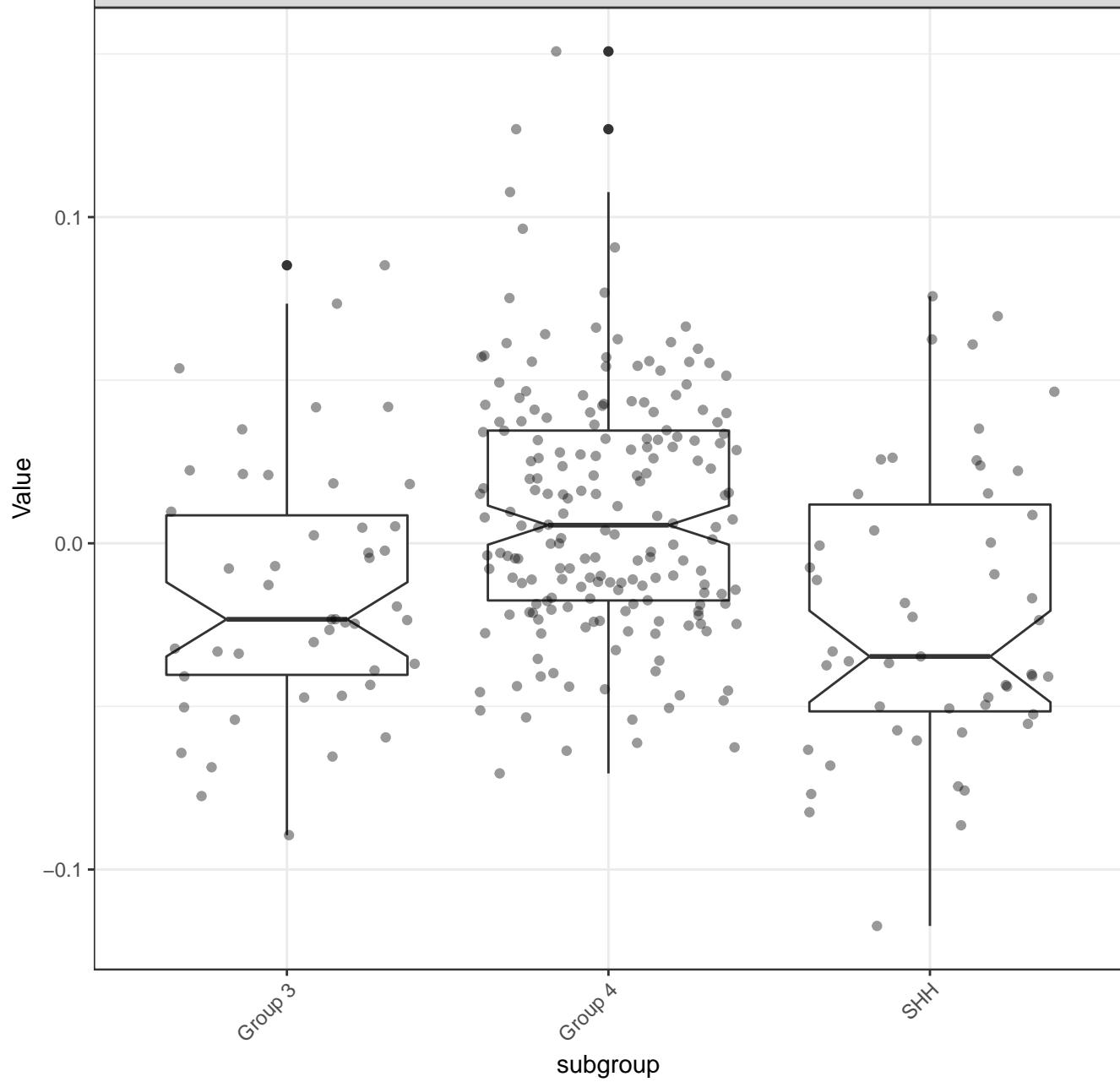


LV 897





LV 899



LV 900

Value

0.10

0.05

0.00

-0.05

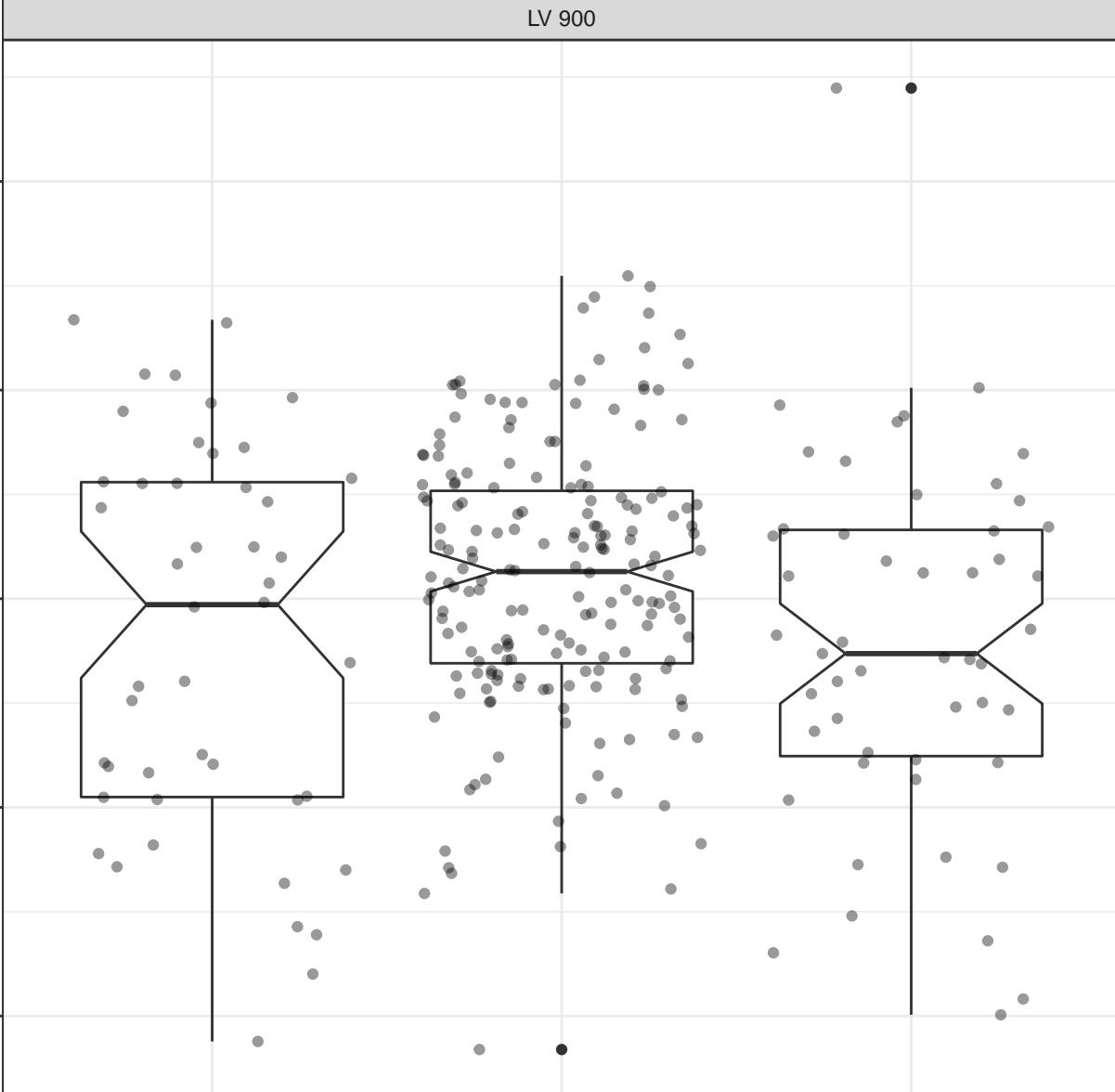
-0.10

Group 3

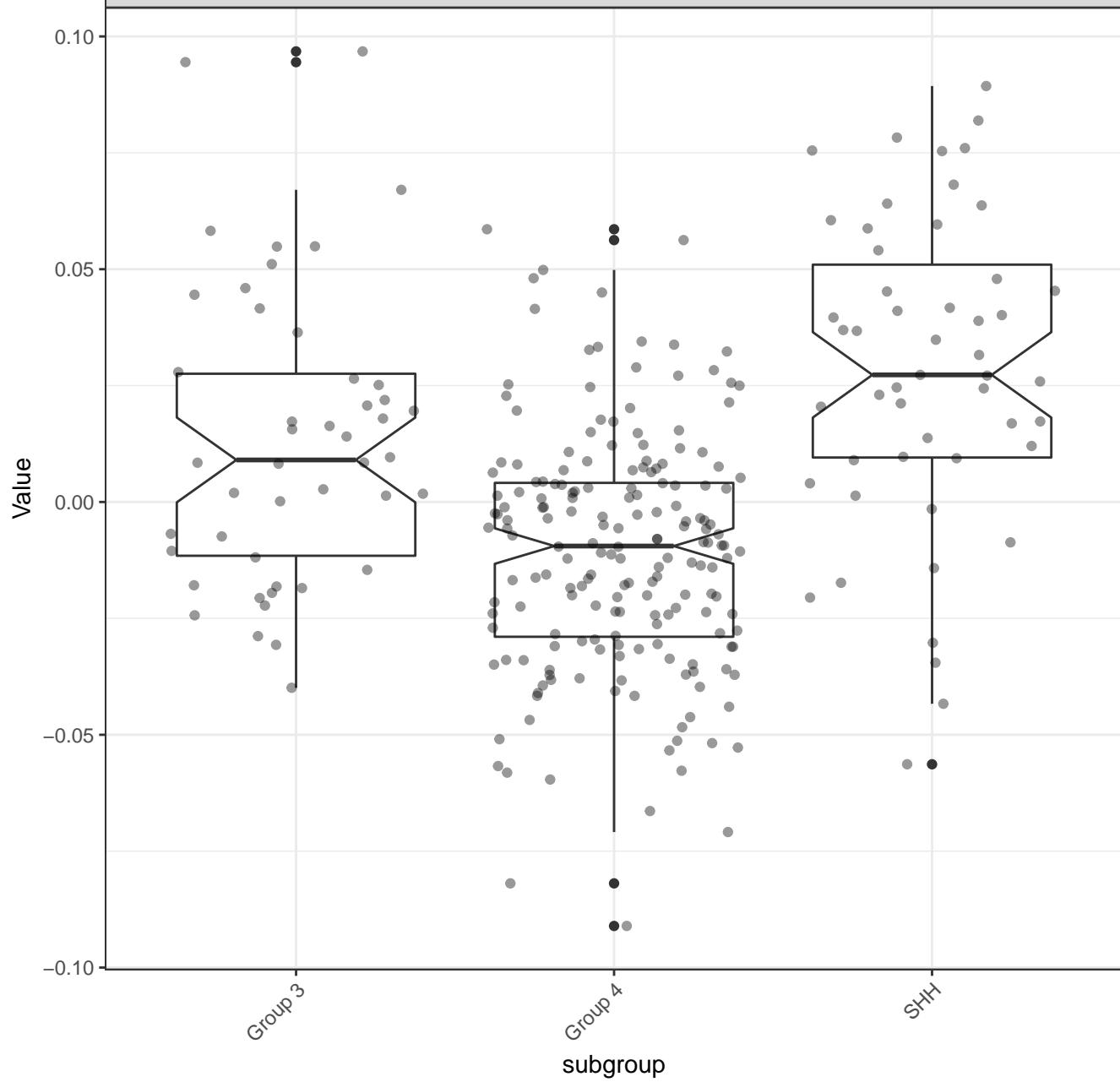
subgroup

Group 4

SHH



LV 901



902,DMAP_PRE_BCELL3

Value

0.10

0.05

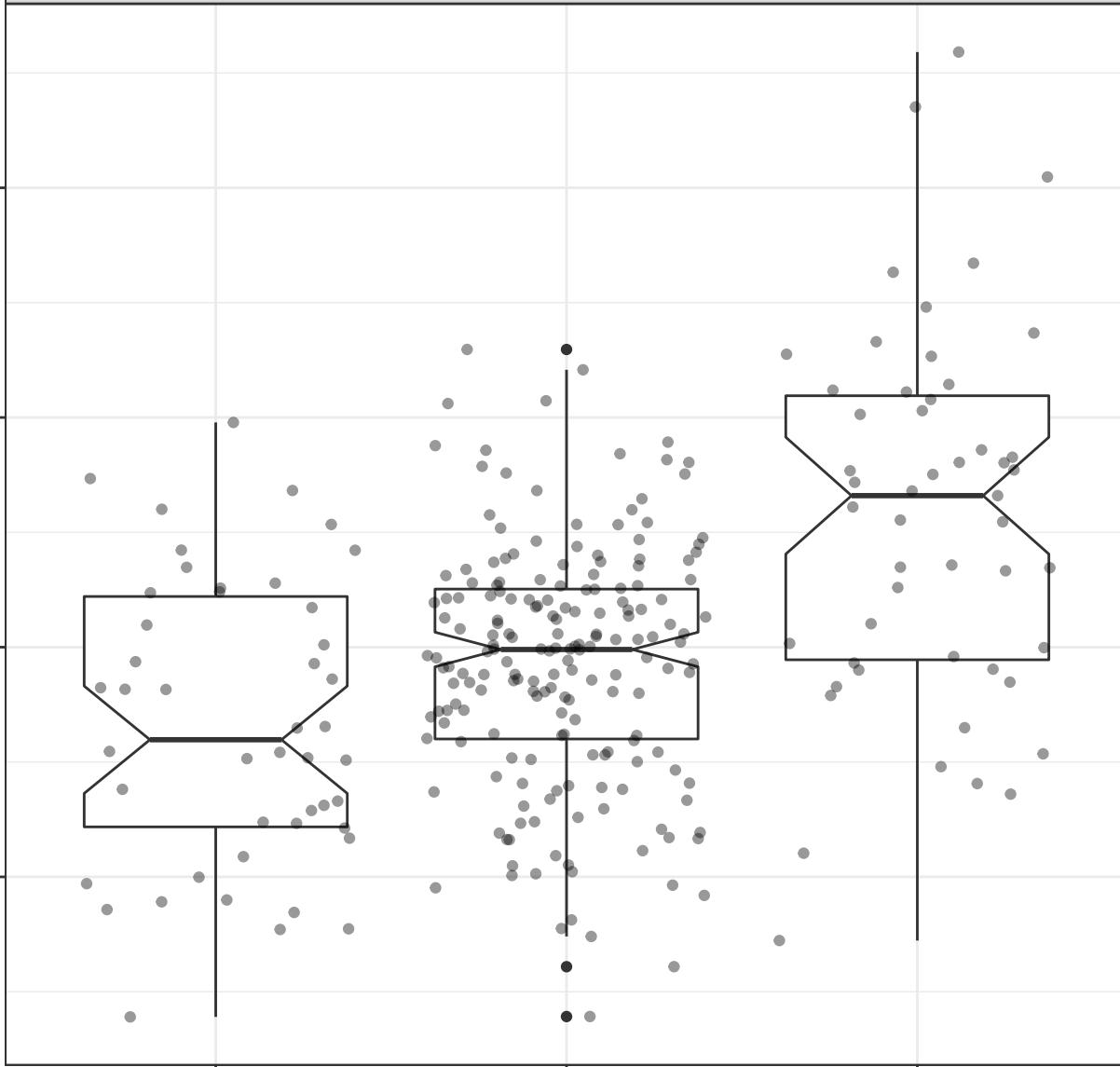
0.00

-0.05

Group 3

subgroup

SHH



LV 903

Value

0.10

0.05

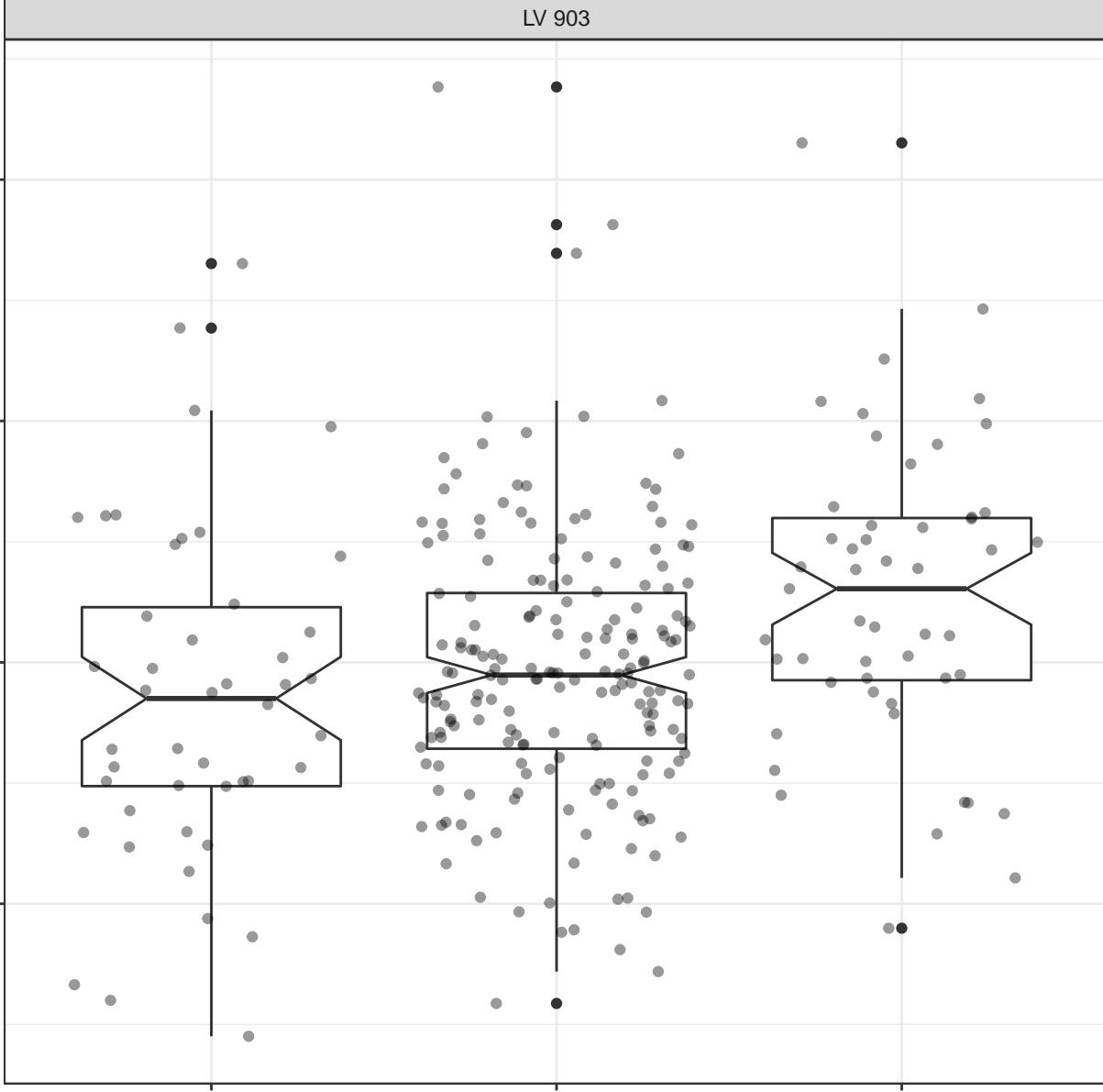
0.00

-0.05

Group 3

subgroup

SHH



LV 904

Value

0.3

0.2

0.1

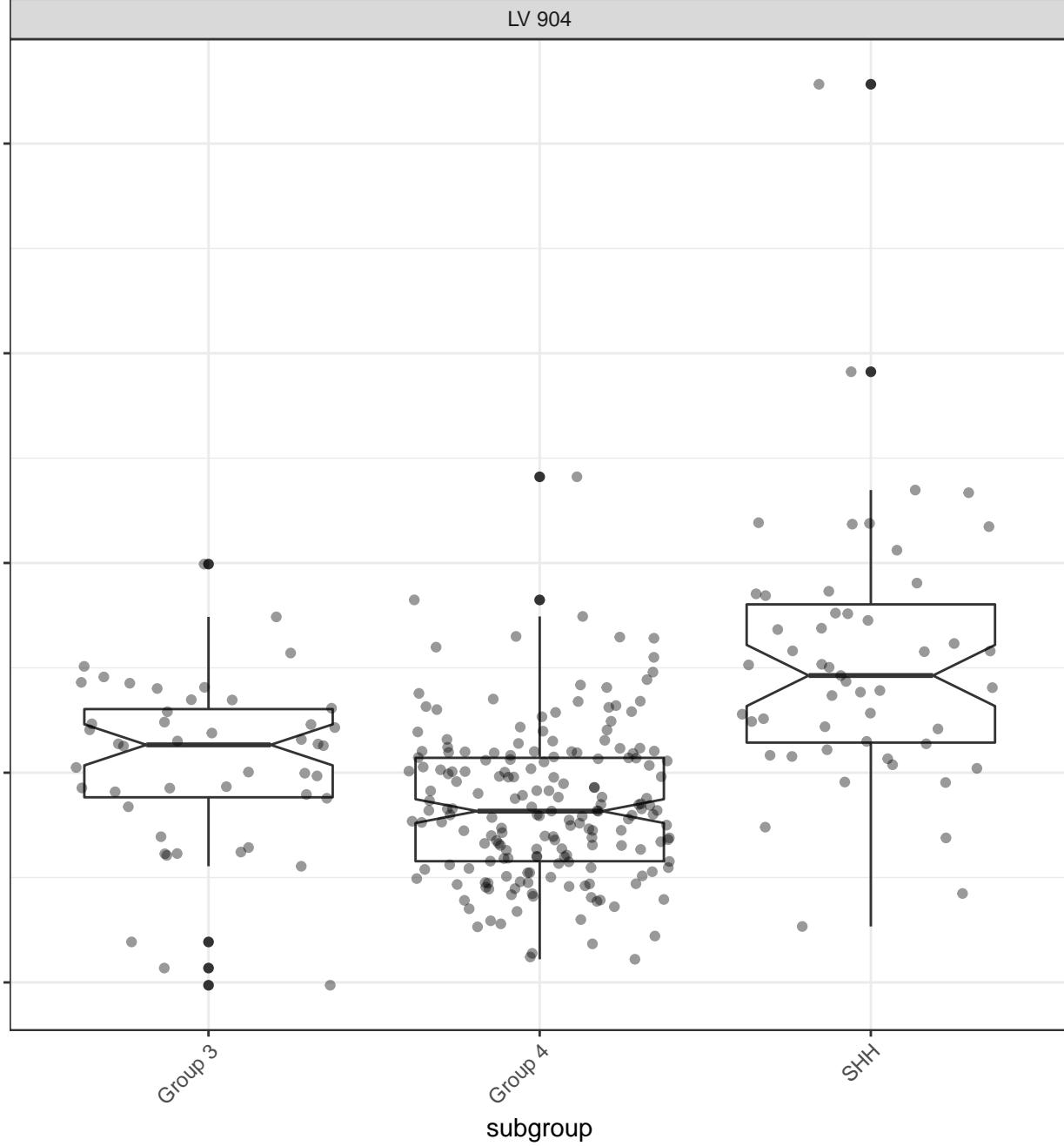
0.0

-0.1

Group³Group⁴

SHH

subgroup



905,MIPS_NOP56P_ASSOCIATED_PRE_RRNA_COMPLEX

Vvalue

0.3

0.2

0.1

0.0

-0.1

Group 3

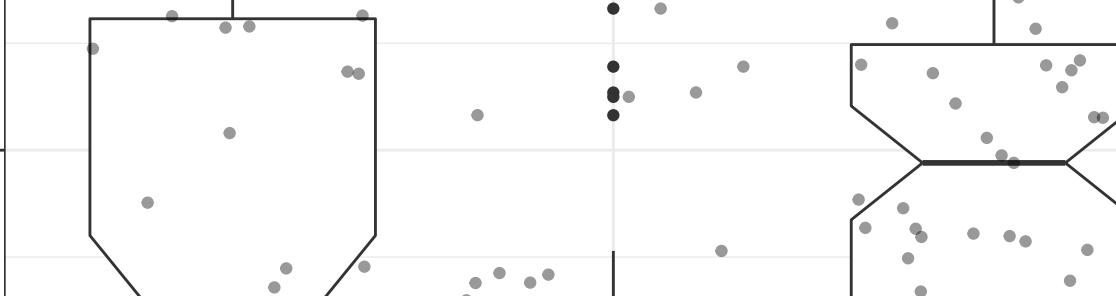
subgroup

SHH

3

4

SHH



LV 906

Value

0.10

0.05

0.00

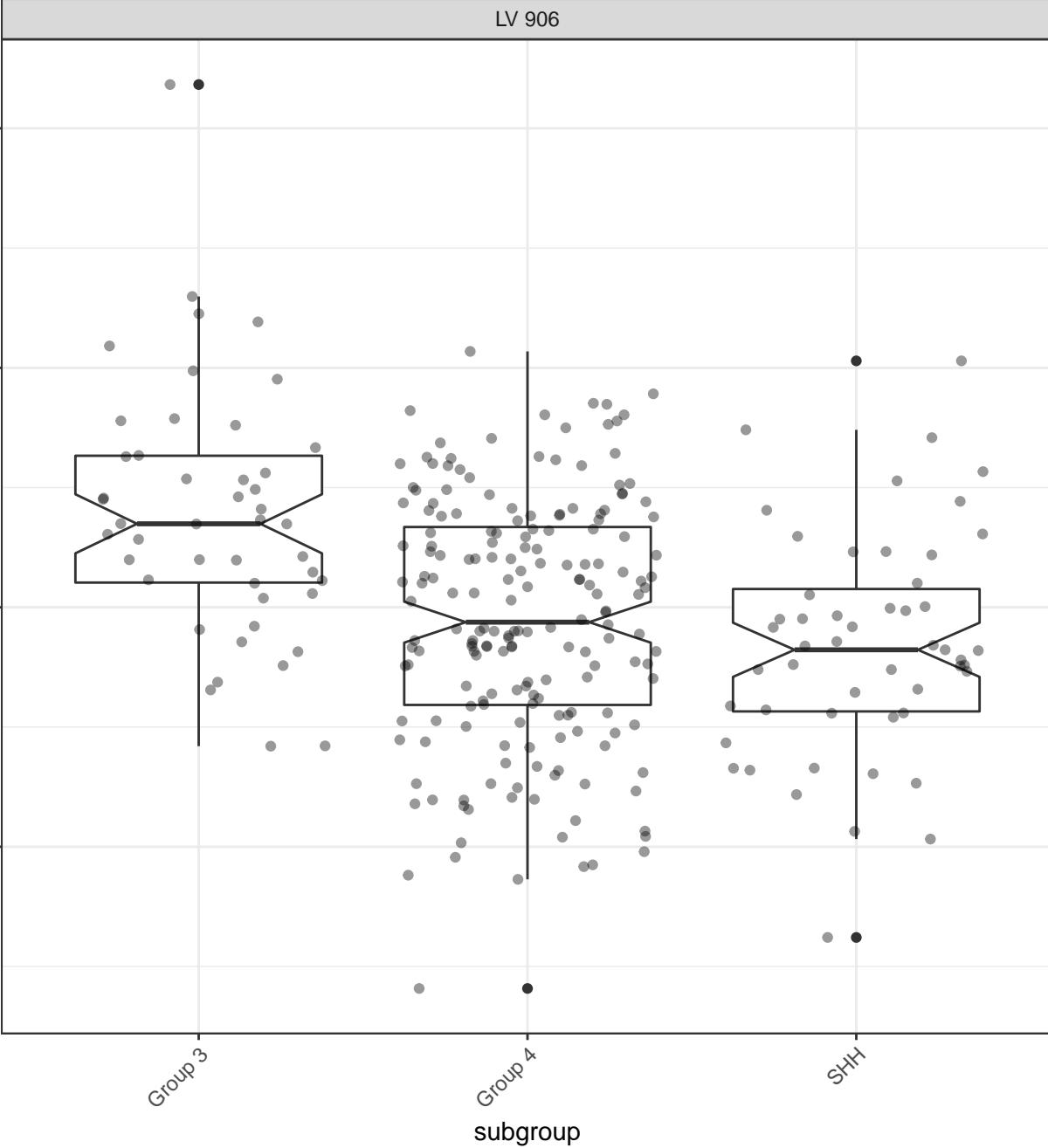
-0.05

Group 3

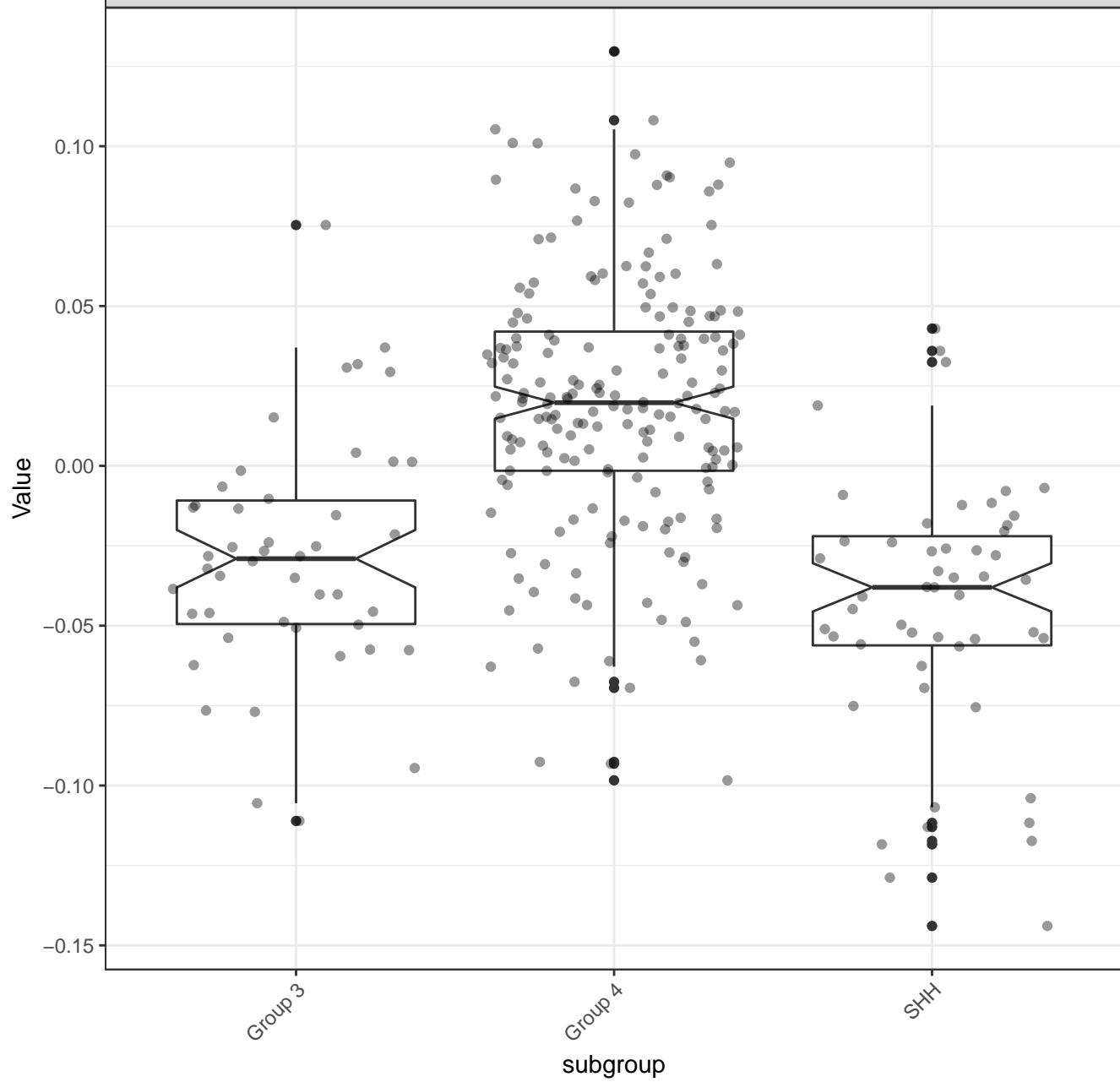
Group 4

SHH

subgroup



LV 907



LV 908

Value

0.10

0.05

0.00

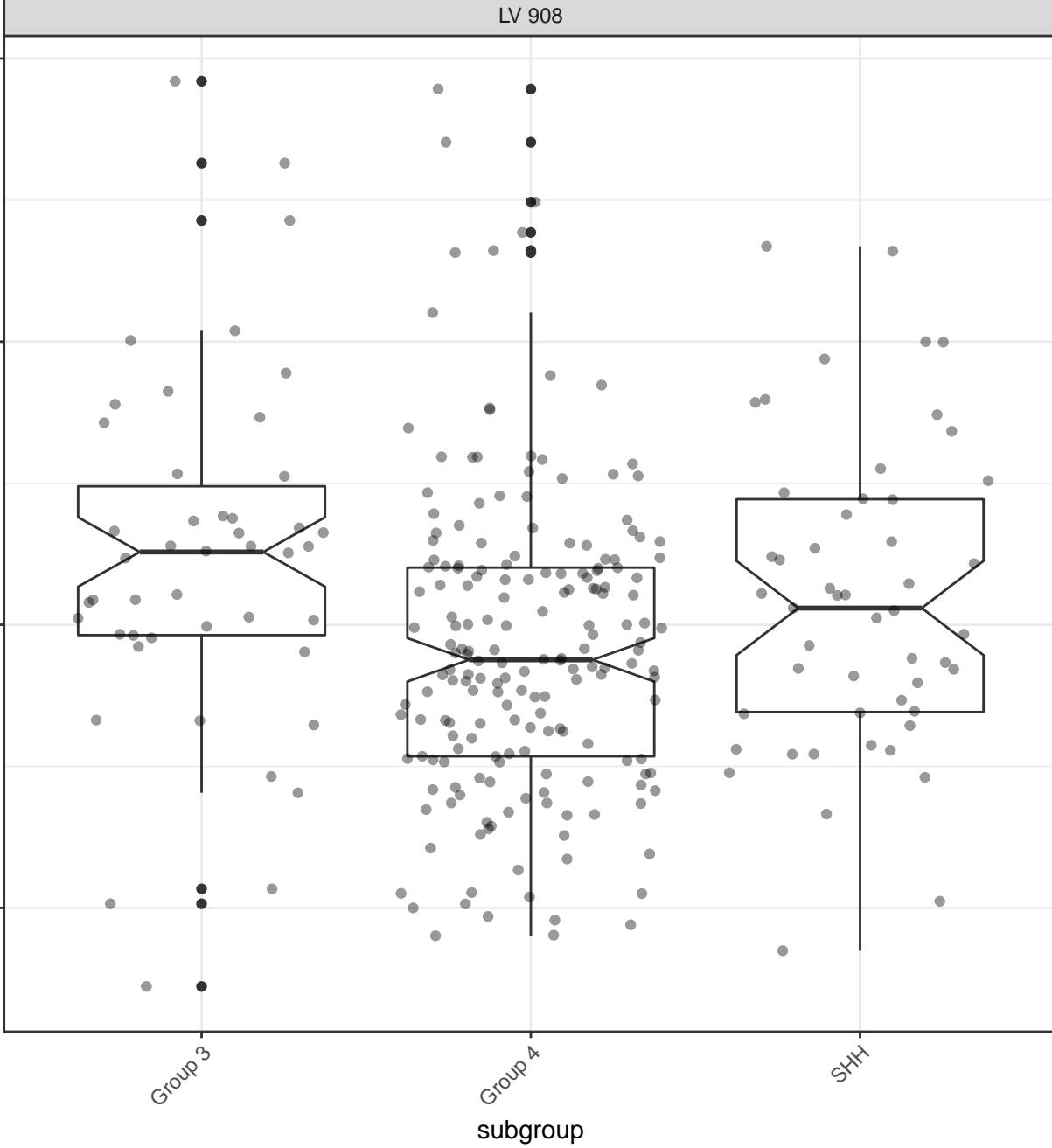
-0.05

Group 3

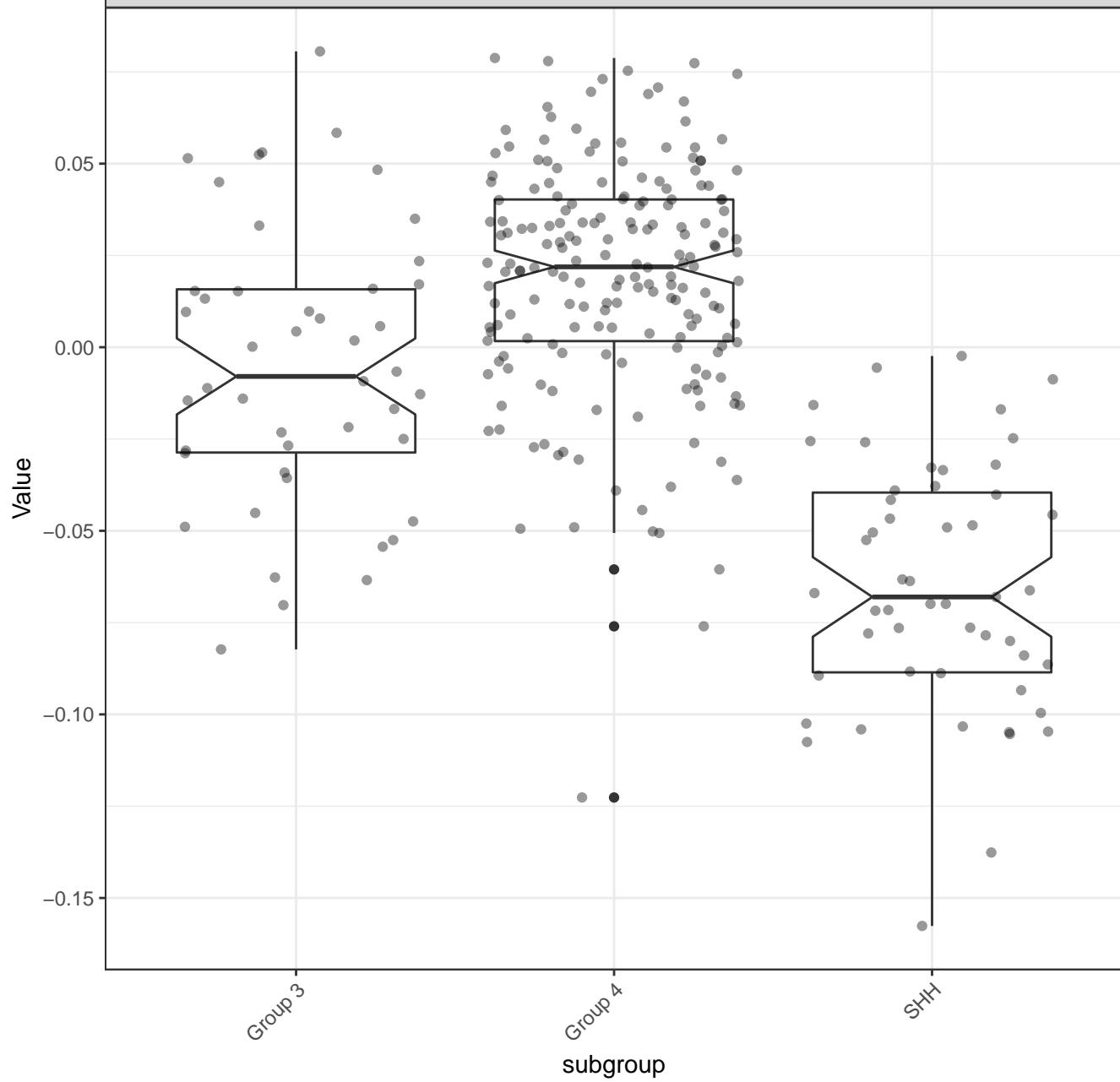
Group 4

SHH

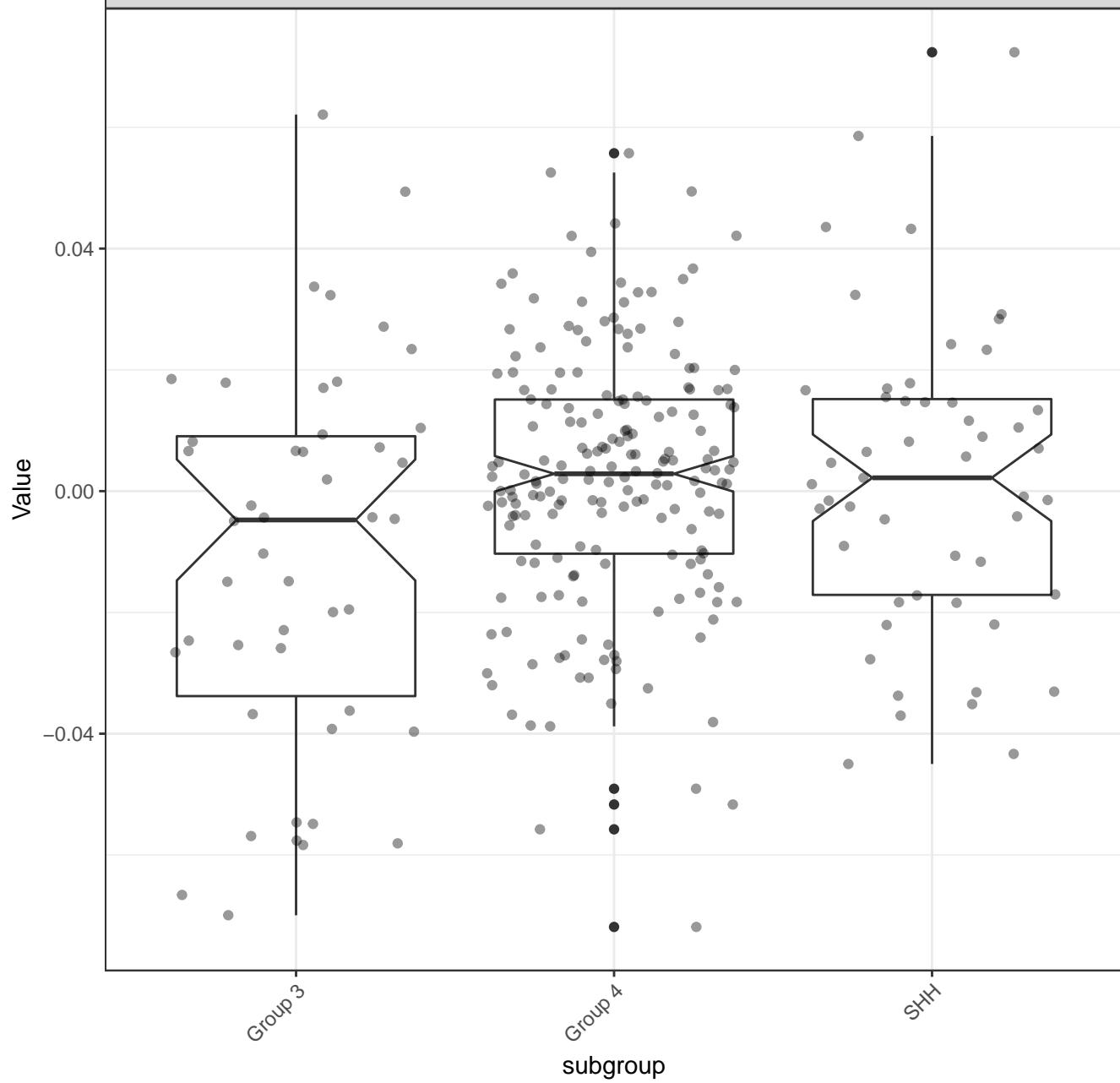
subgroup



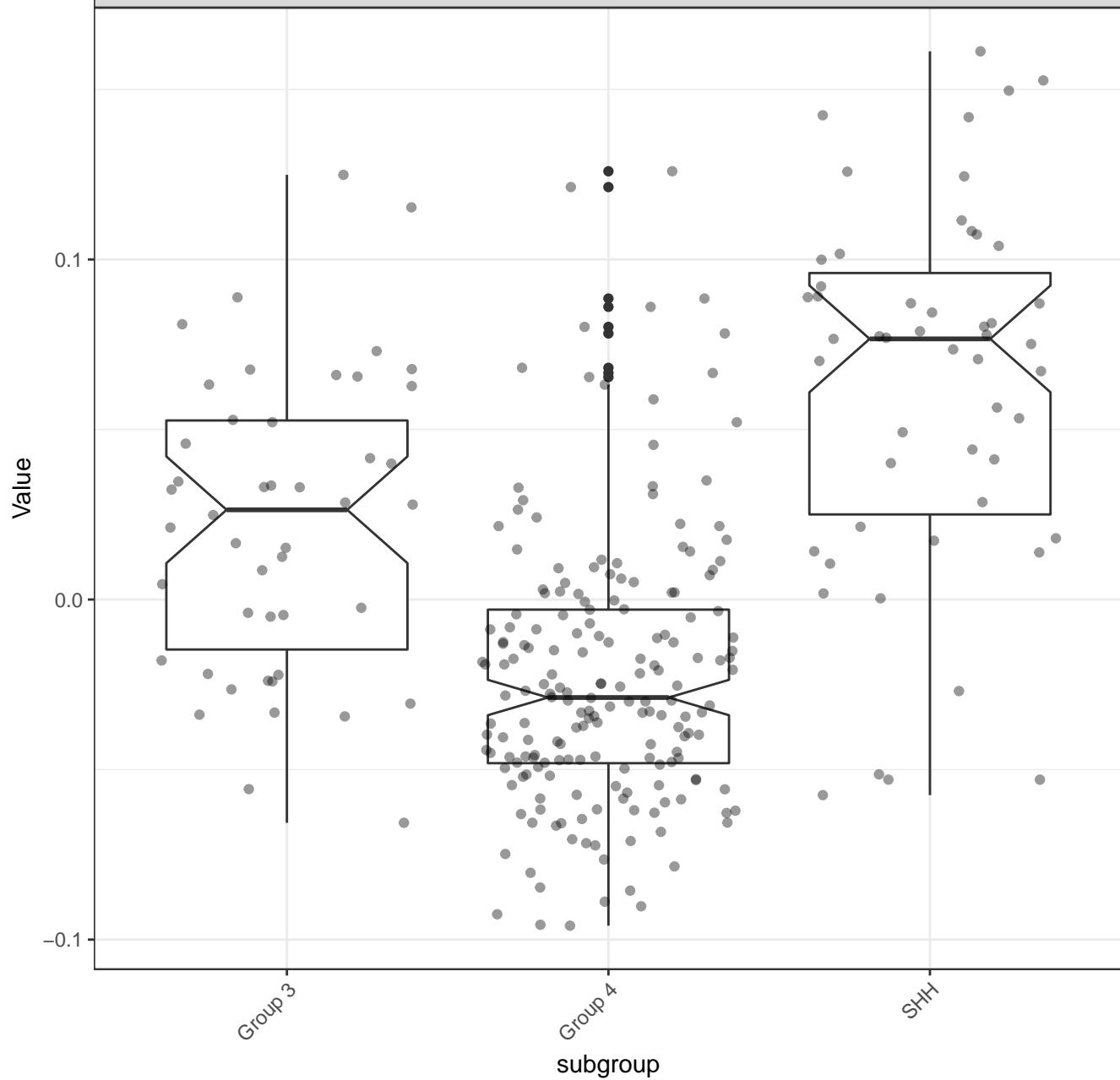
LV 909



LV 910



LV 911



LV 912

Value

0.10

0.05

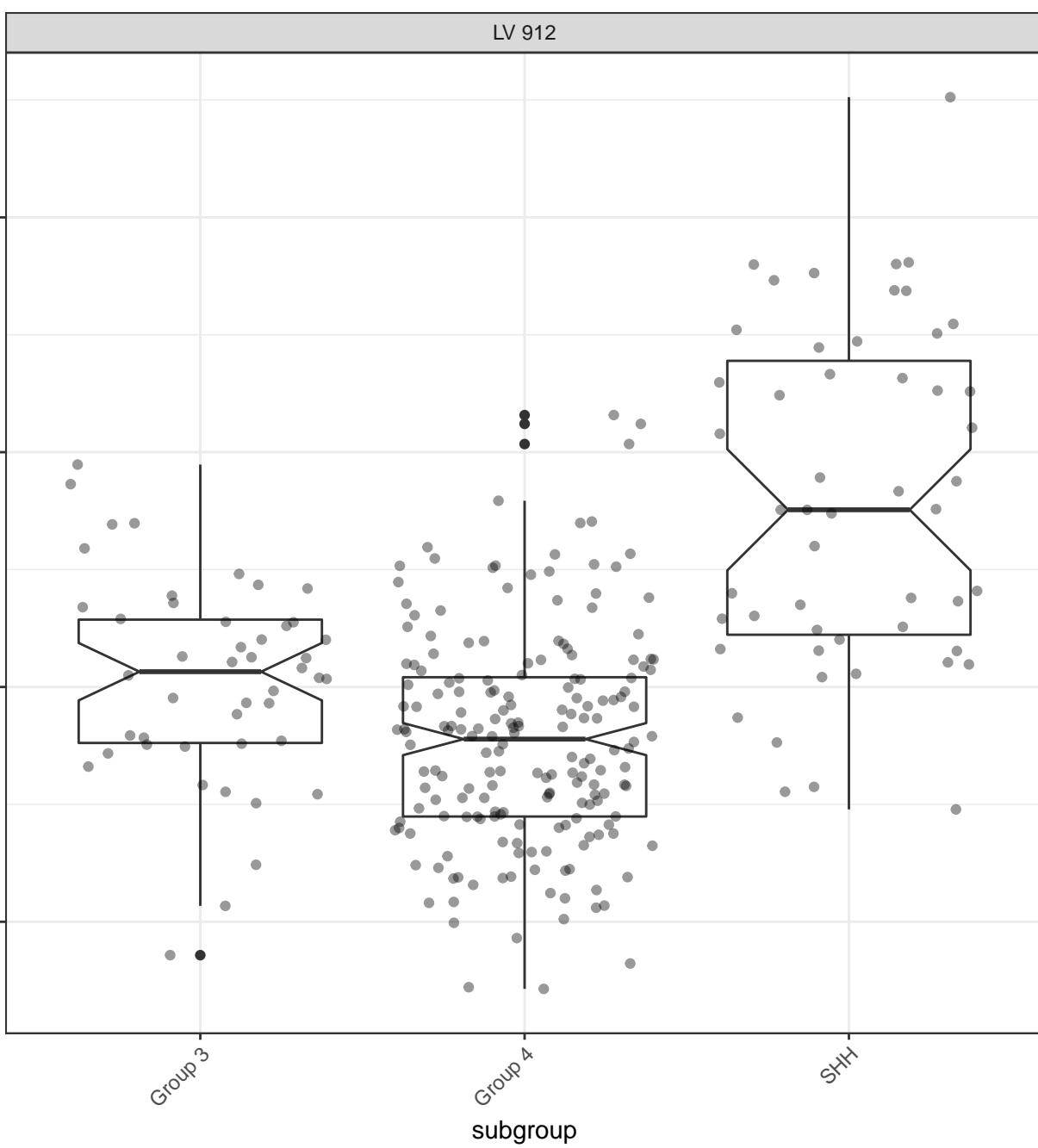
0.00

-0.05

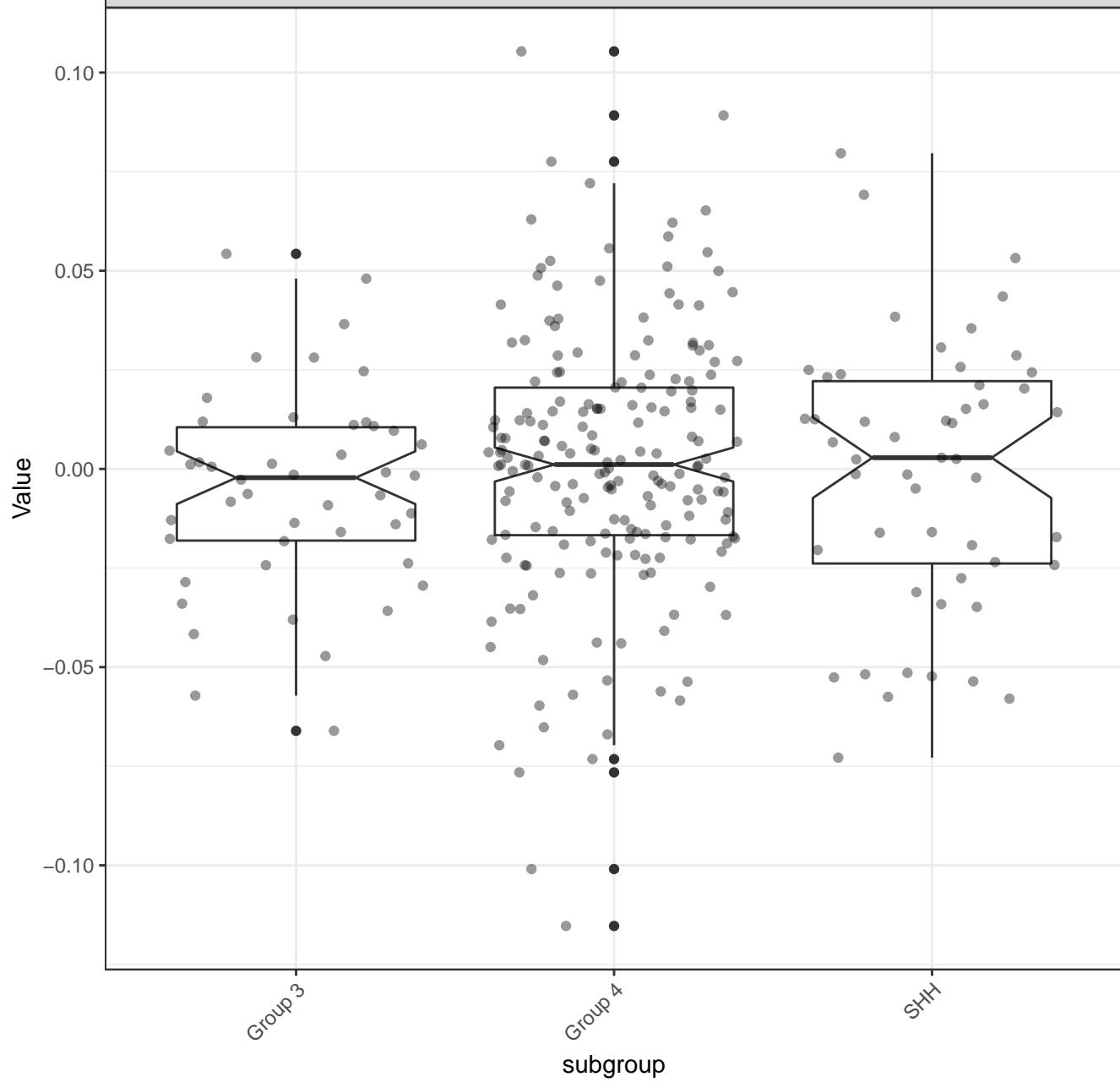
Group 3

subgroup

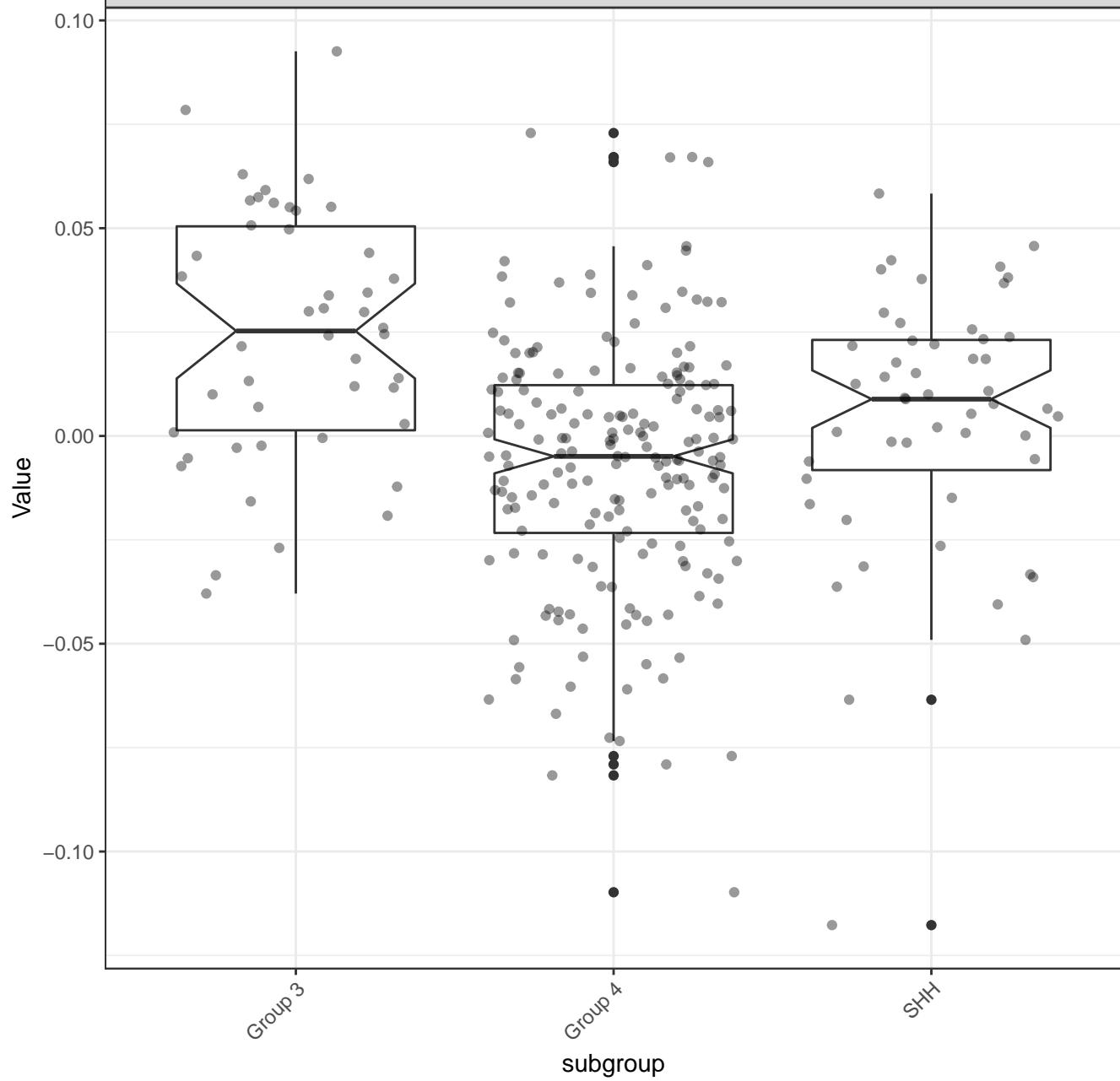
SHH



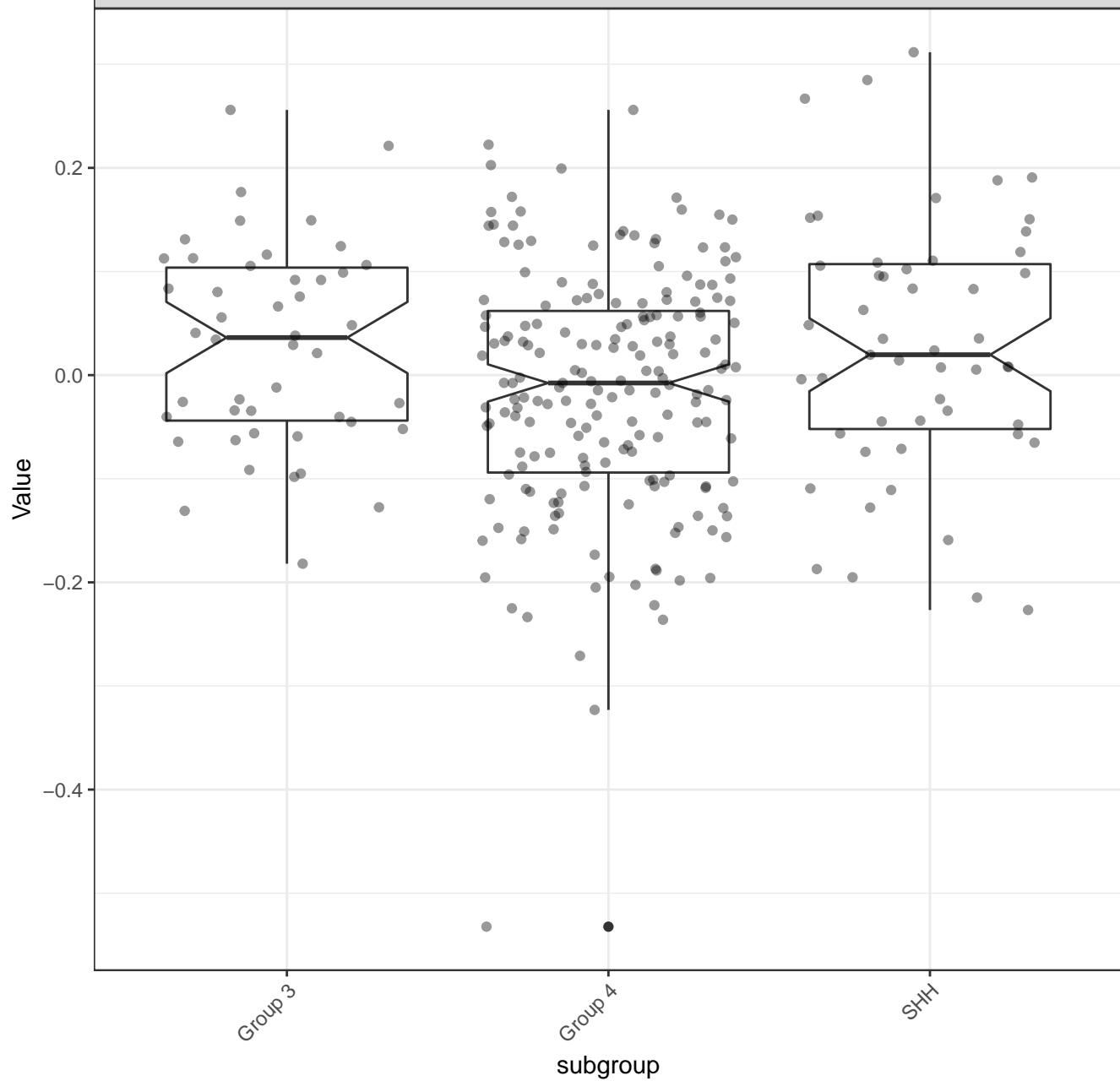
LV 913



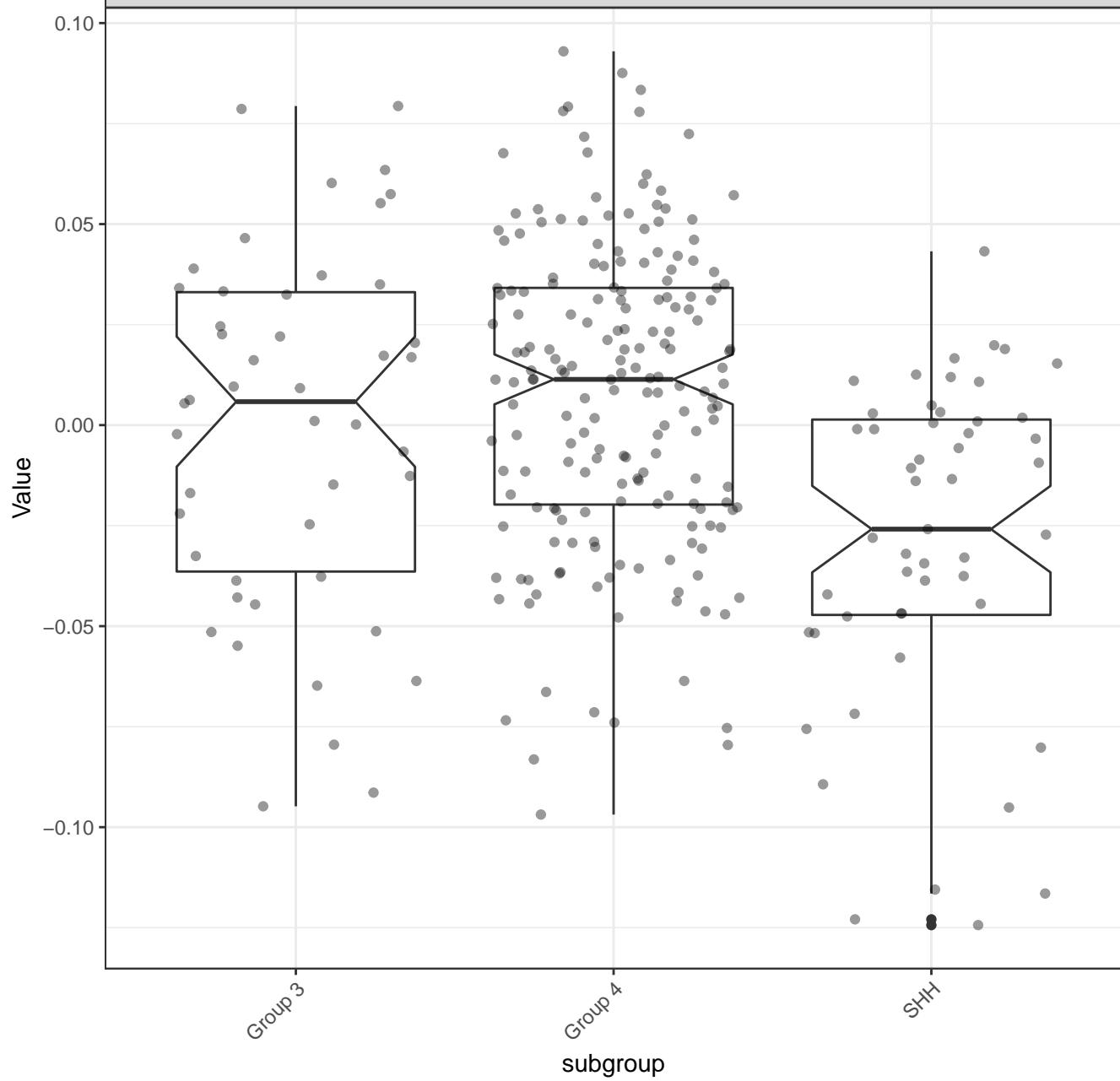
LV 914



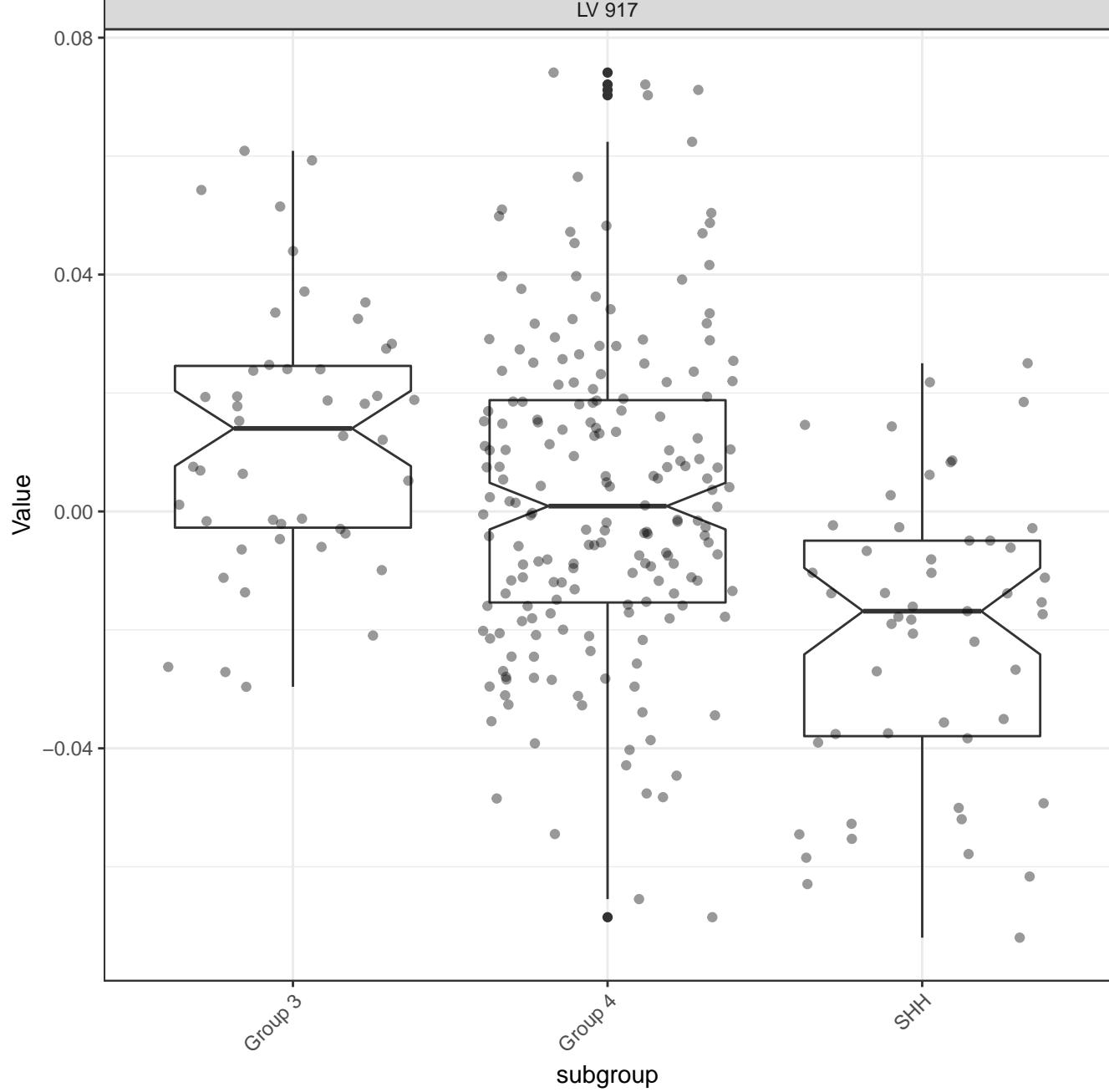
915,MIPS_SPLICEOSOME



LV 916



LV 917



LV 918

Value

0.10

0.05

0.00

-0.05

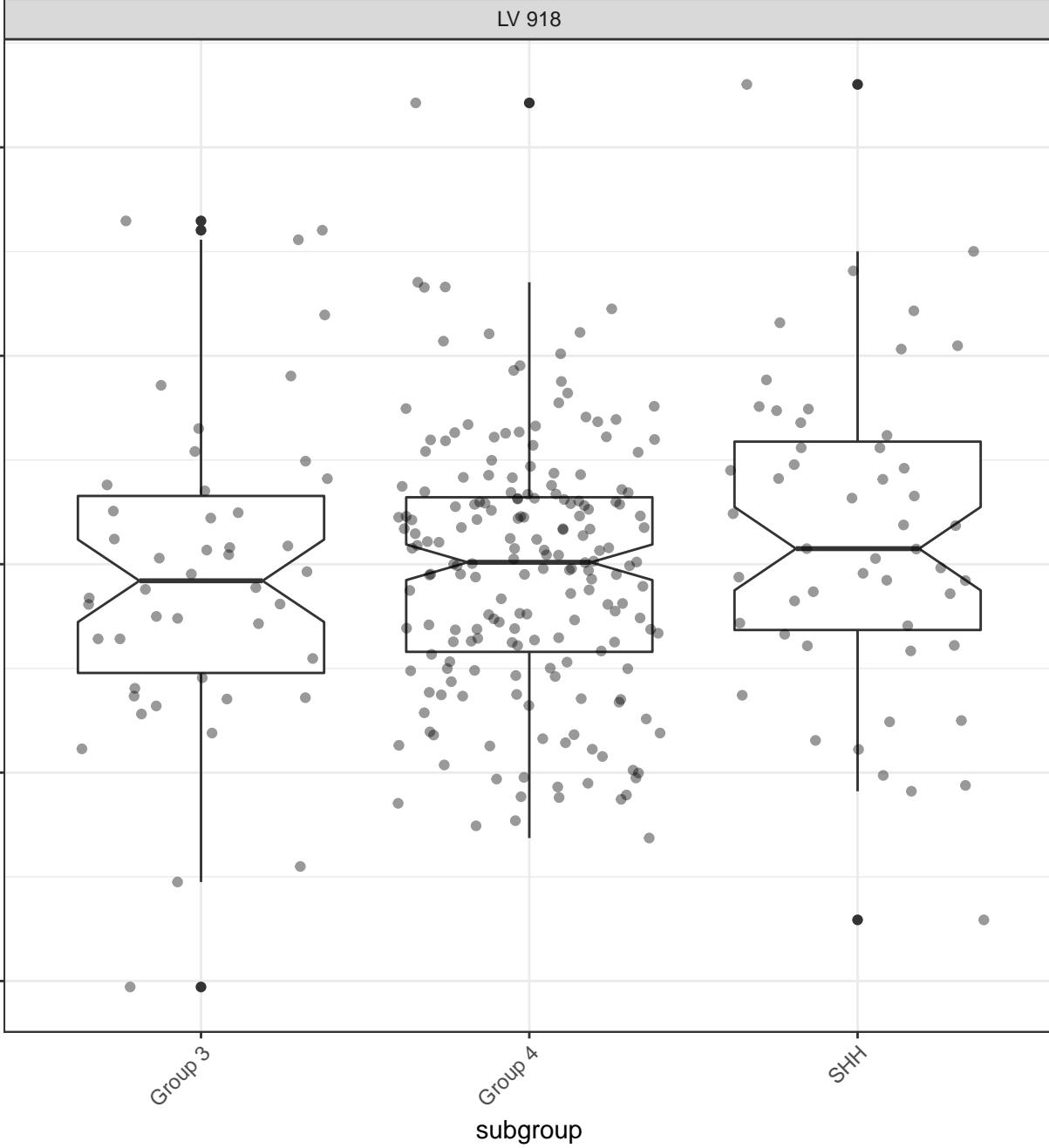
-0.10

Group 3

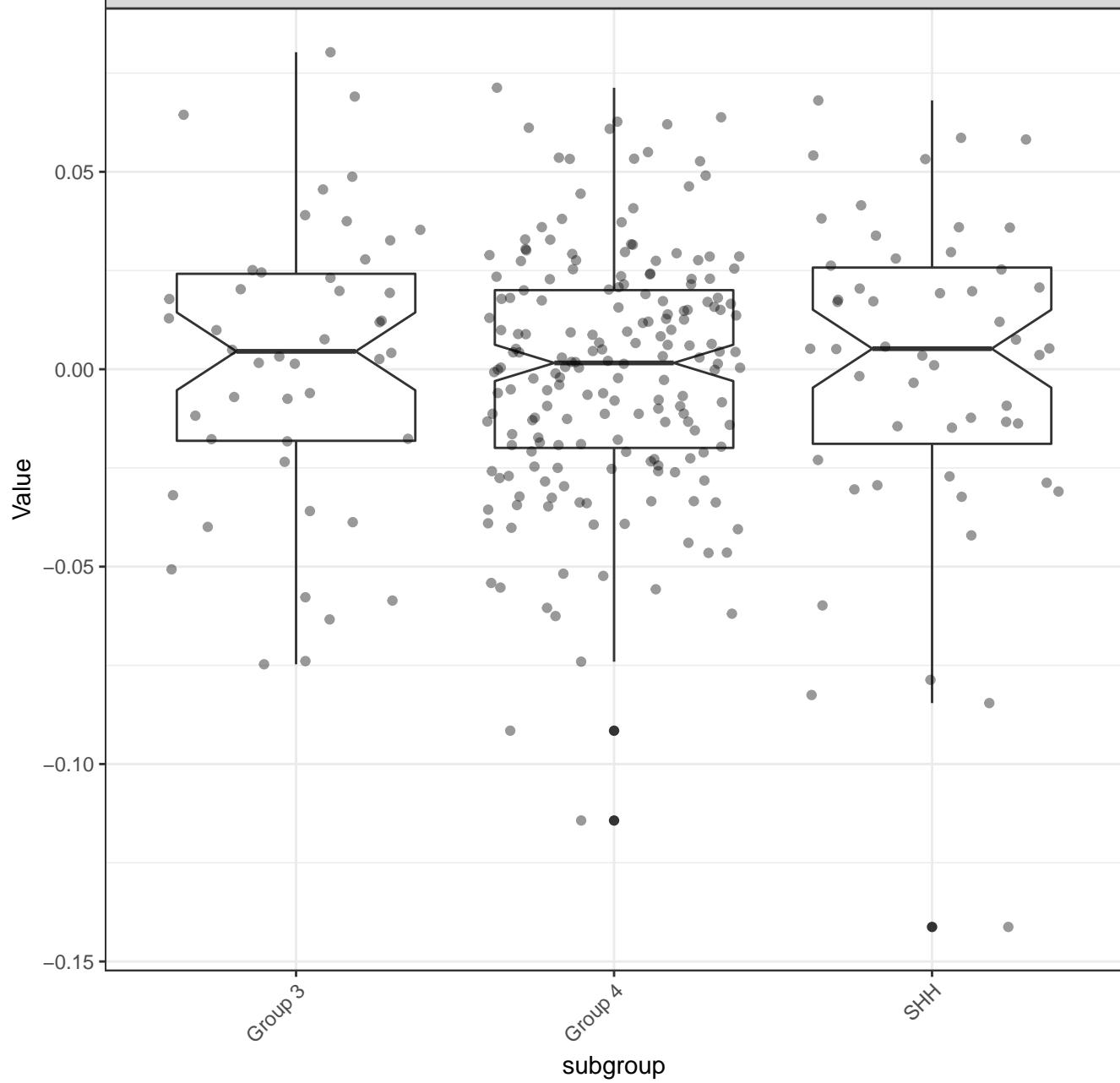
Group 4

SHH

subgroup



LV 919



LV 920

Value

0.1

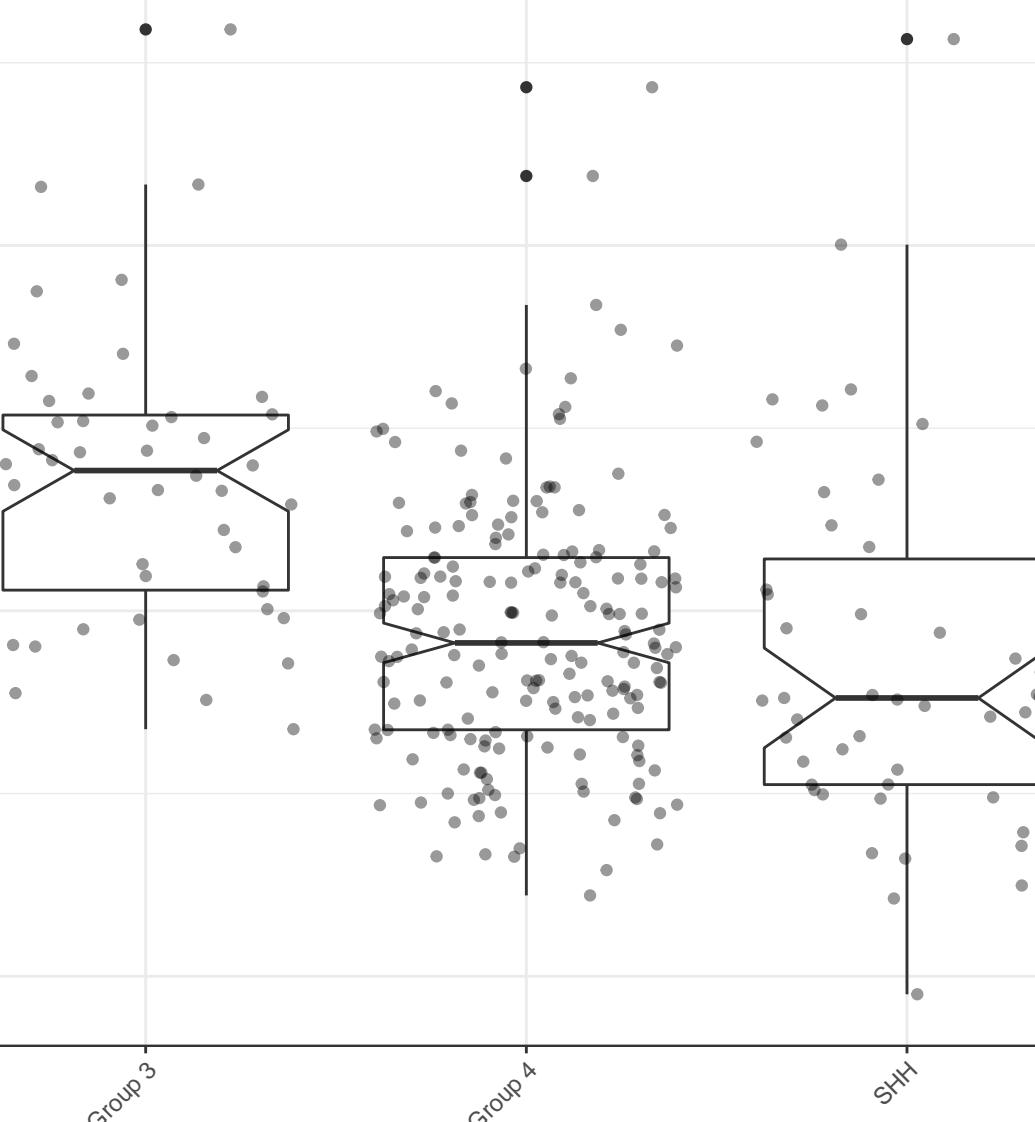
0.0

-0.1

Group³Group⁴

SHH

subgroup



921,MIPS_NOP56P_ASSOCIATED_PRE_RRNA_COMPLEX

Value

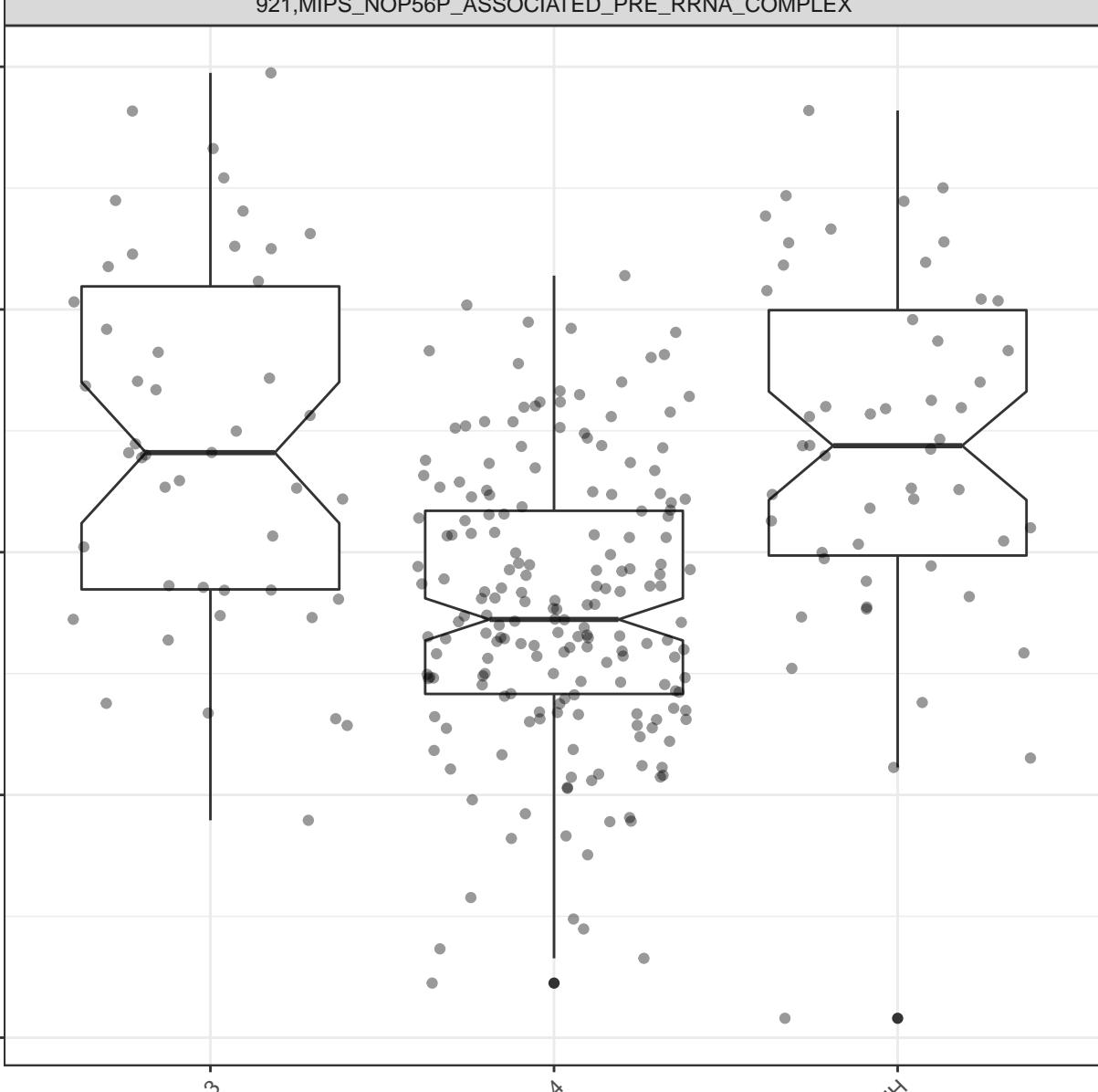
0.06
0.03
0.00
-0.03
-0.06

Group 3

Group 4

SHH

subgroup



LV 922

Value

0.10

0.05

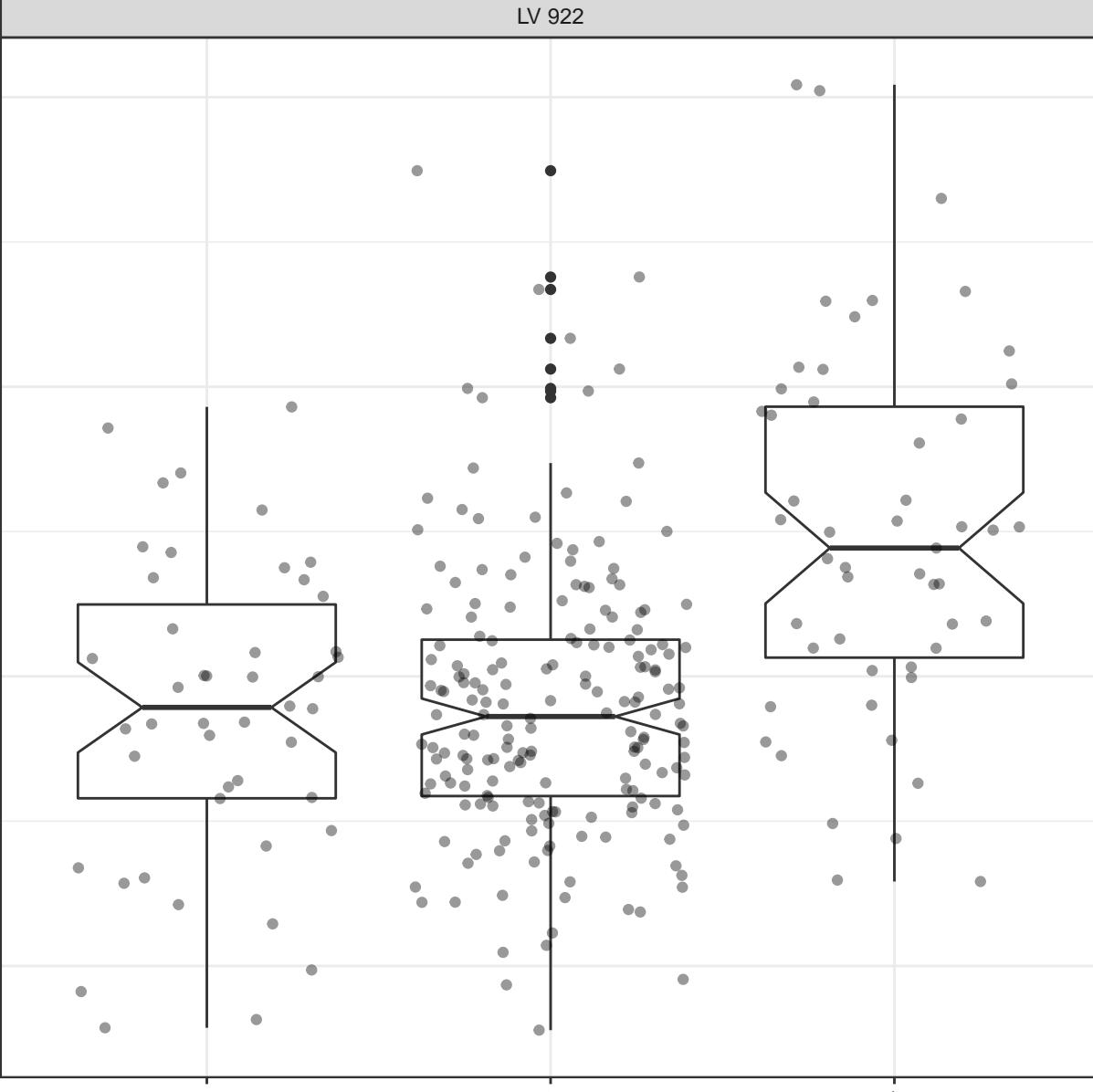
0.00

-0.05

Group 3

subgroup

SHH



LV 923

Value

0.0

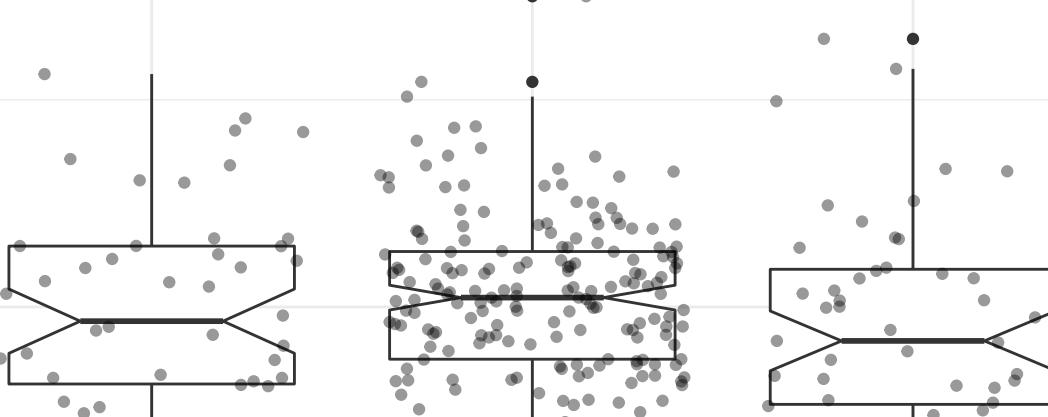
-0.1

Group 3

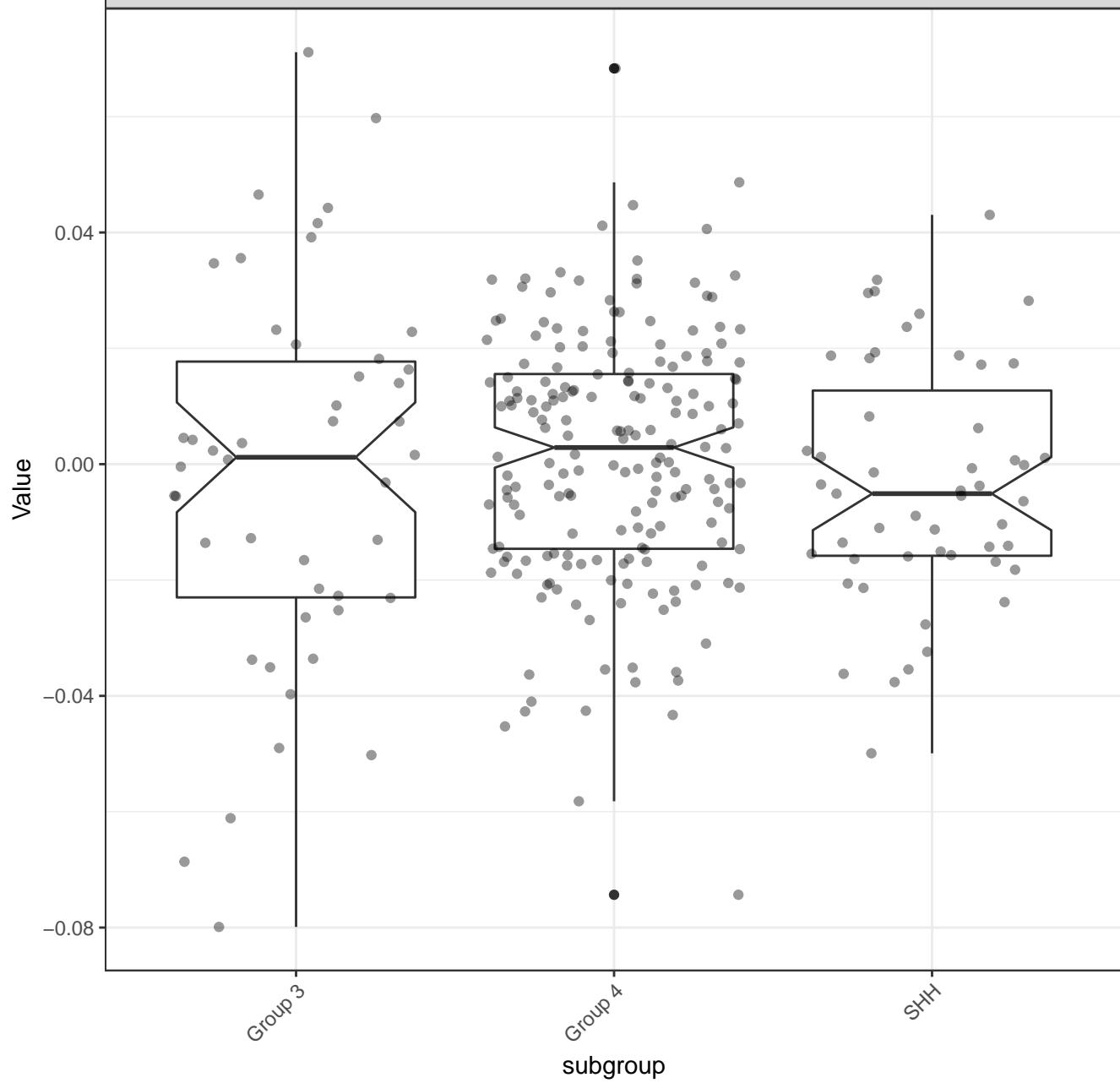
Group 4

SHH

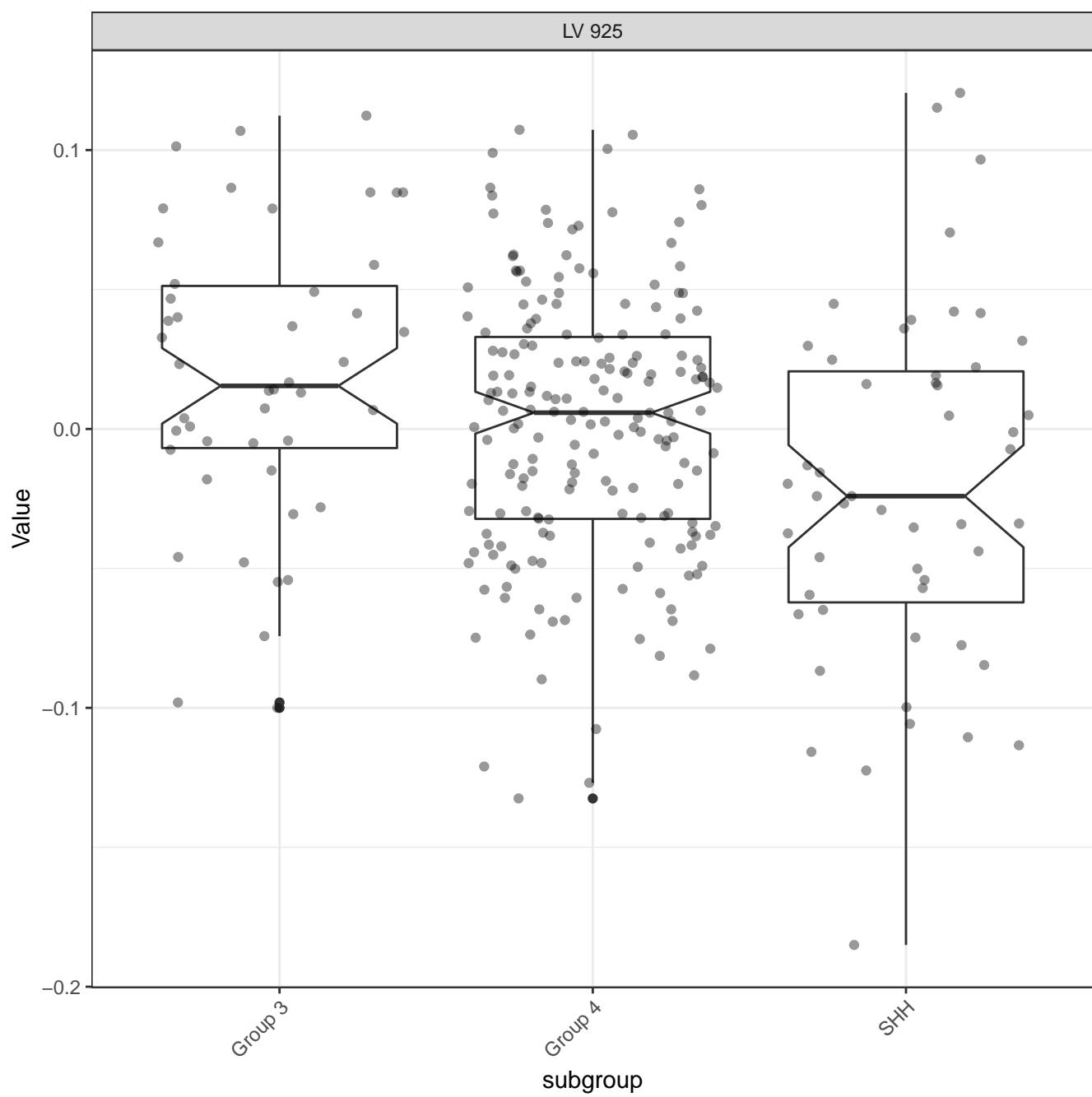
subgroup



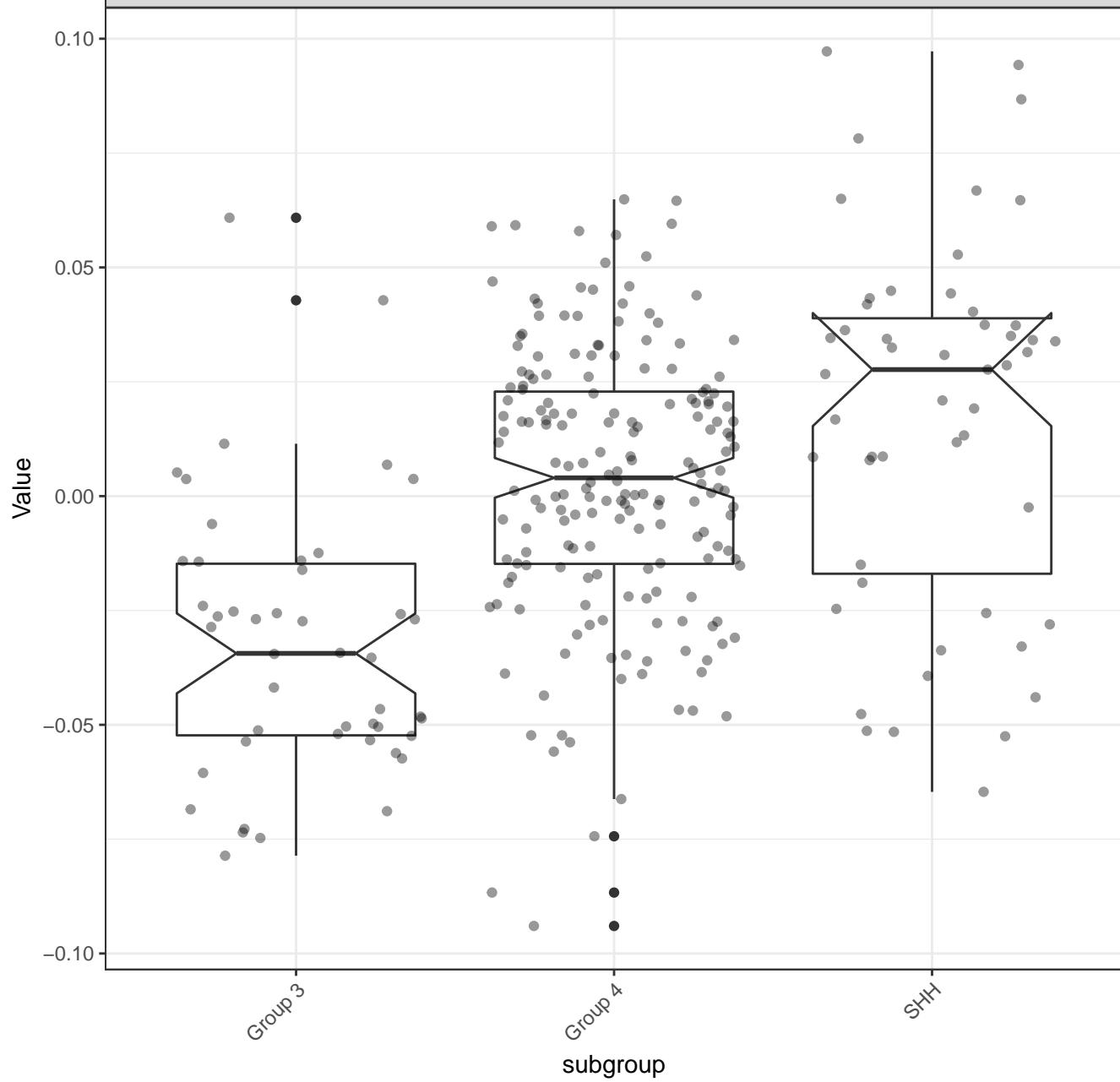
LV 924



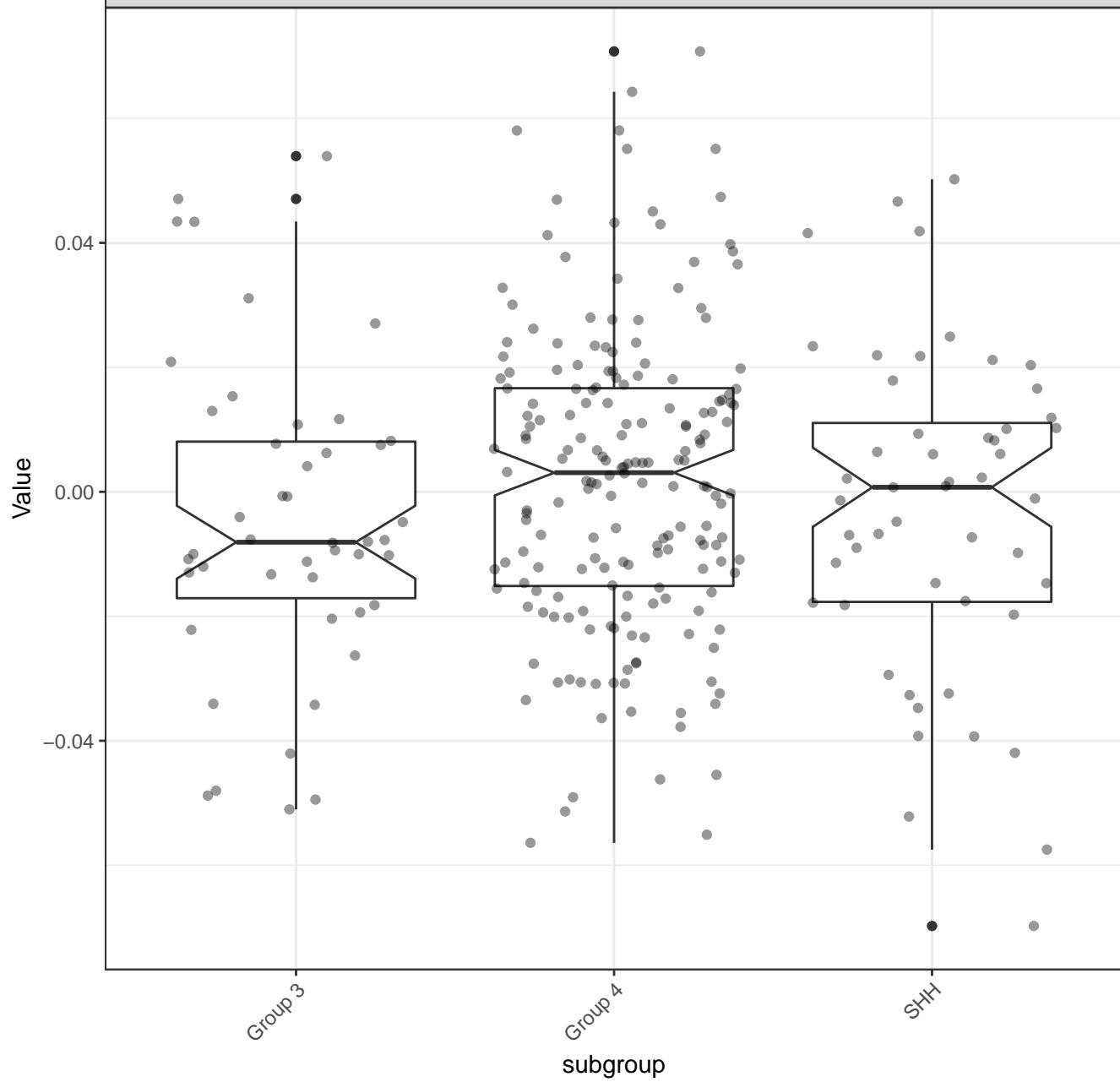
LV 925



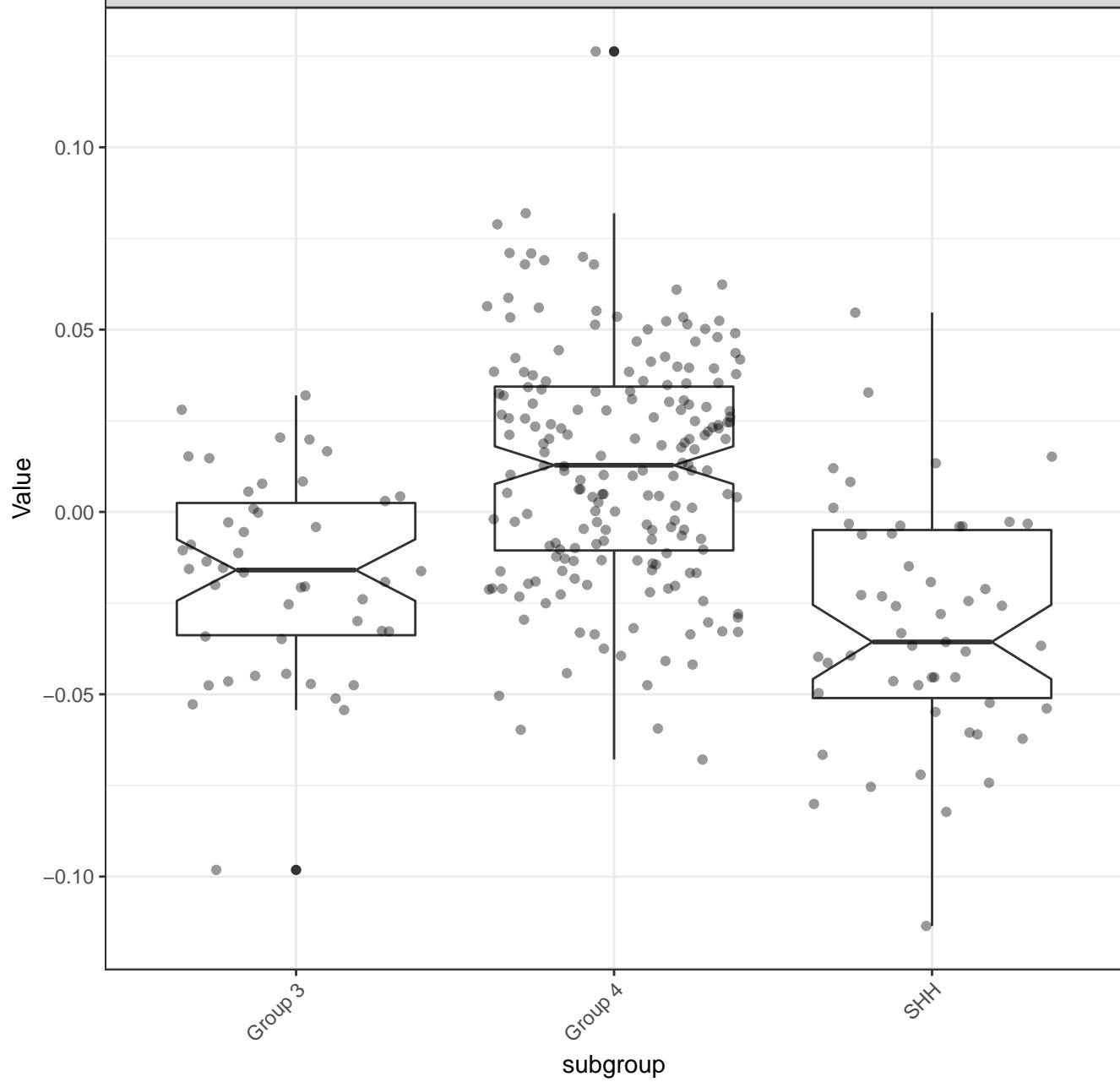
LV 926



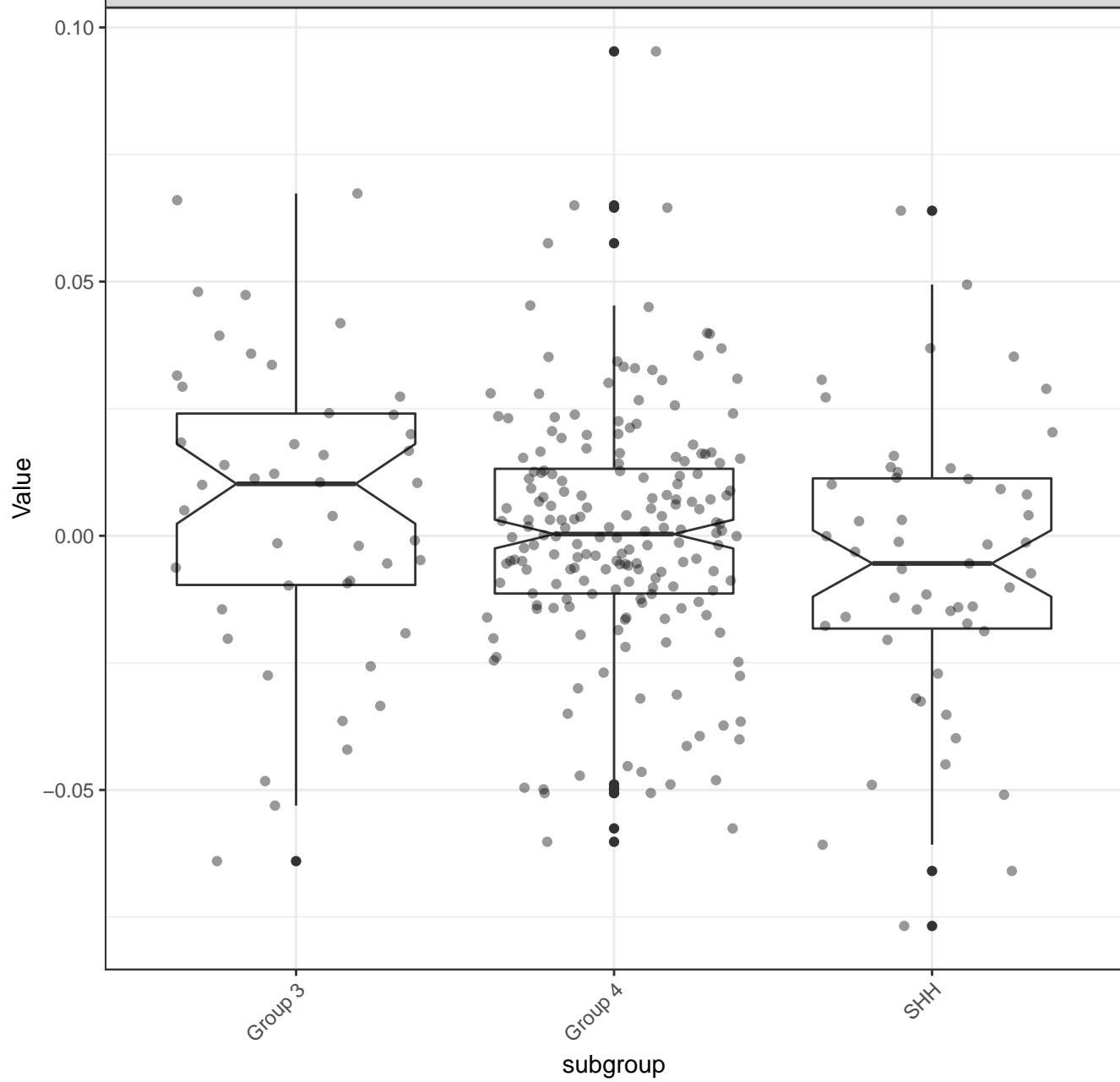
LV 927



928,DMAP_ERY3



LV 929



Value

0.1

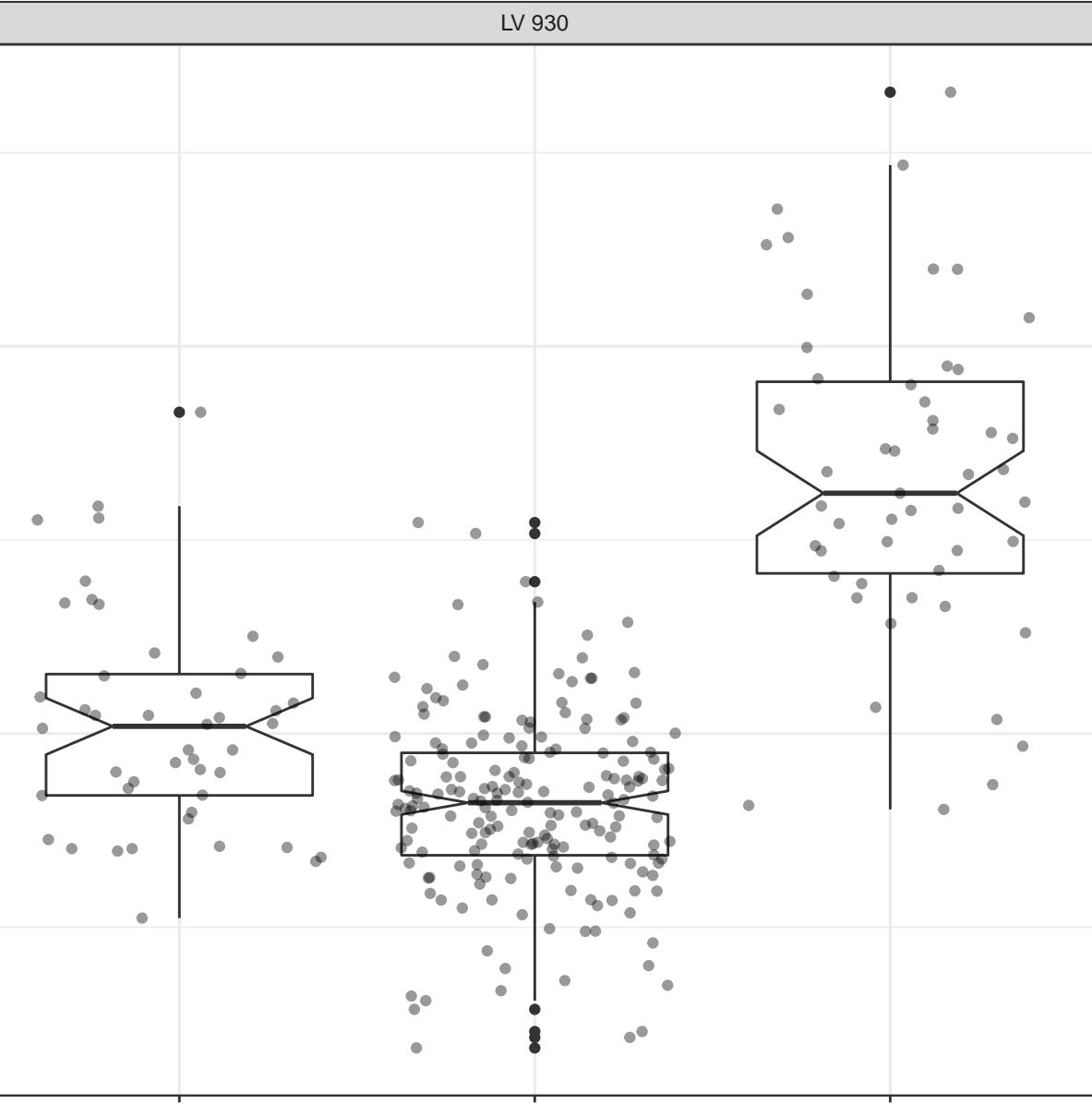
0.0

Group 3

Group 4

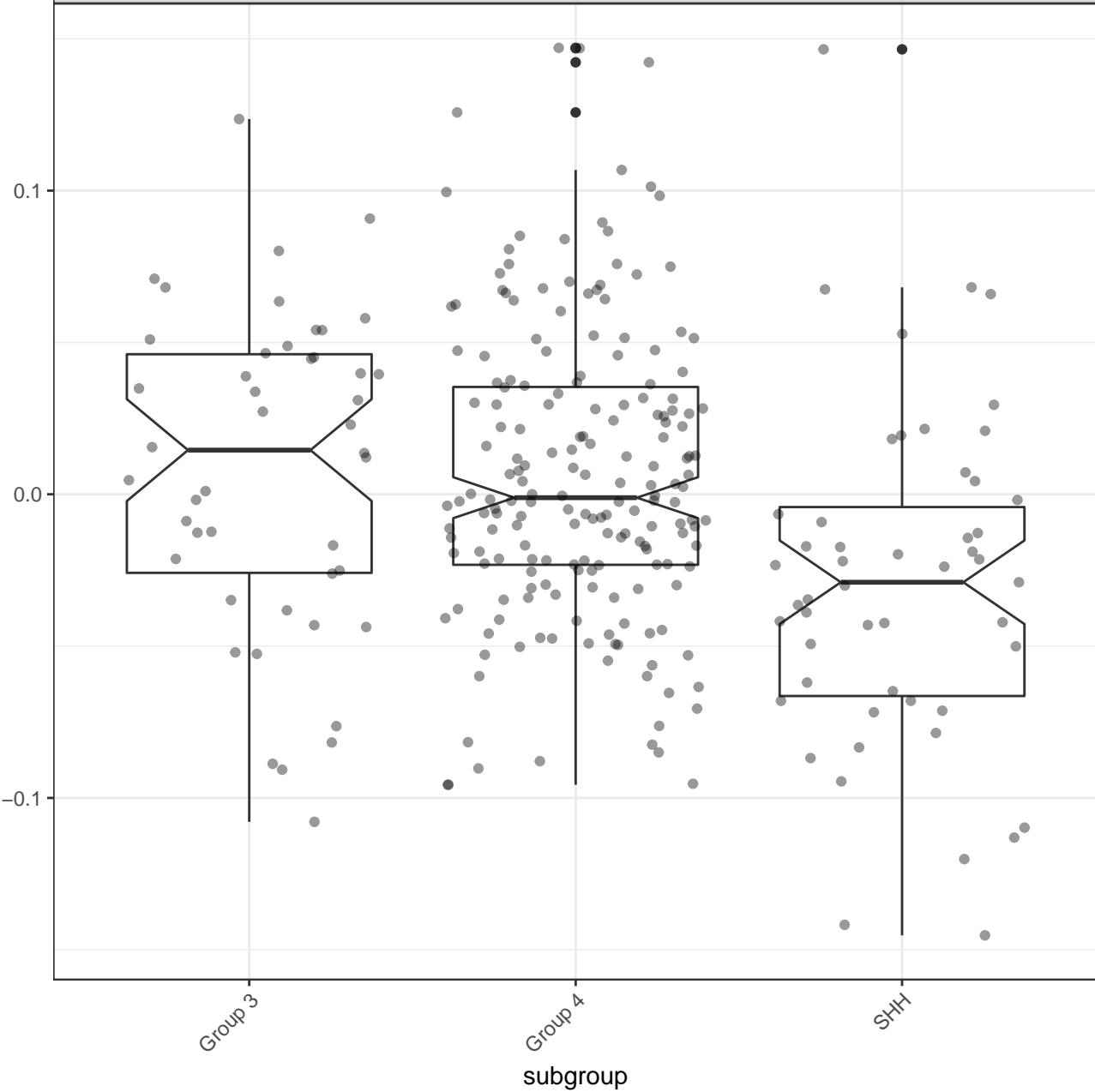
SHH

subgroup

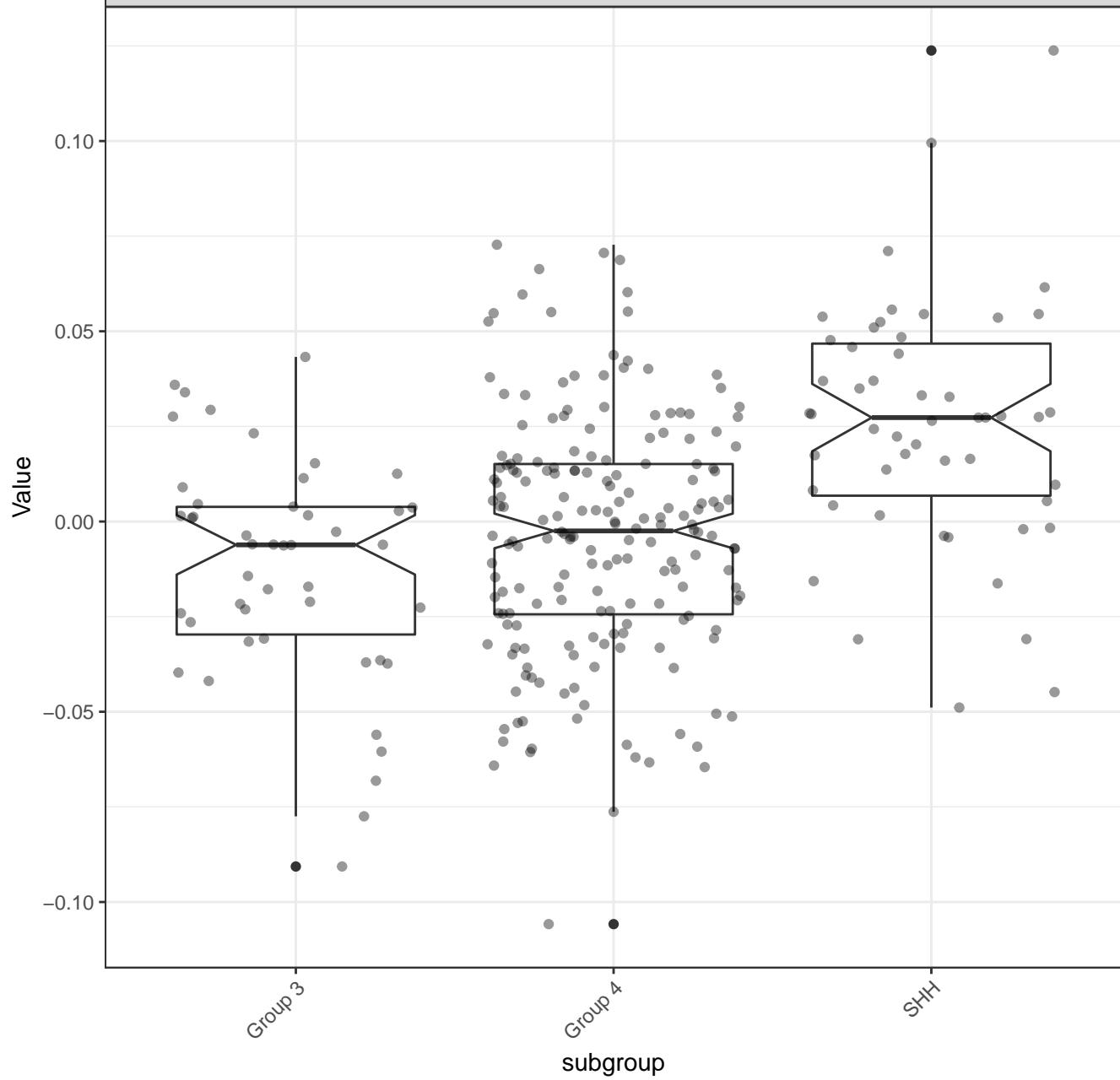


LV 931

Value



932,SVM T cells follicular helper



LV 933

Value

0.10

0.05

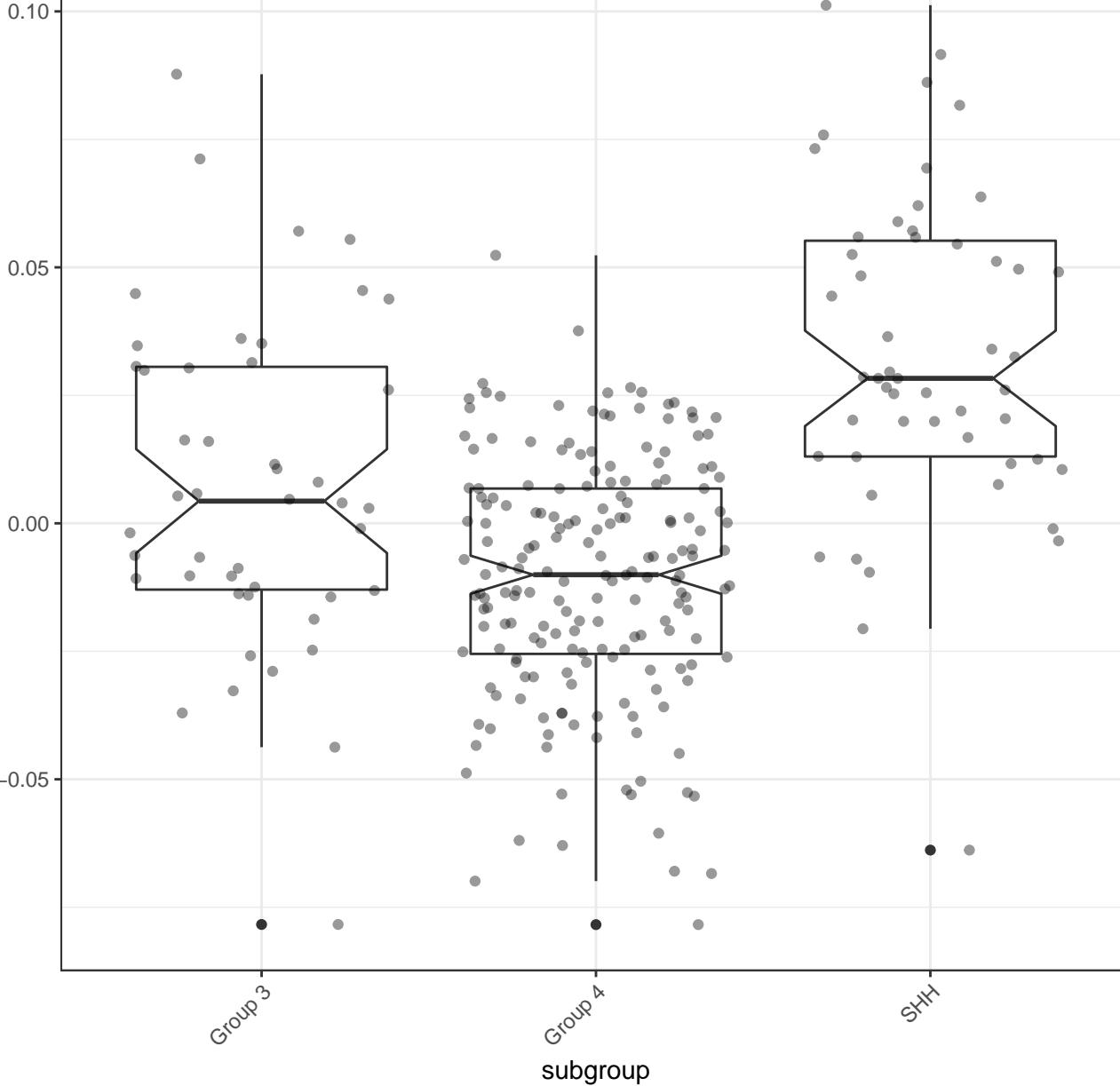
0.00

-0.05

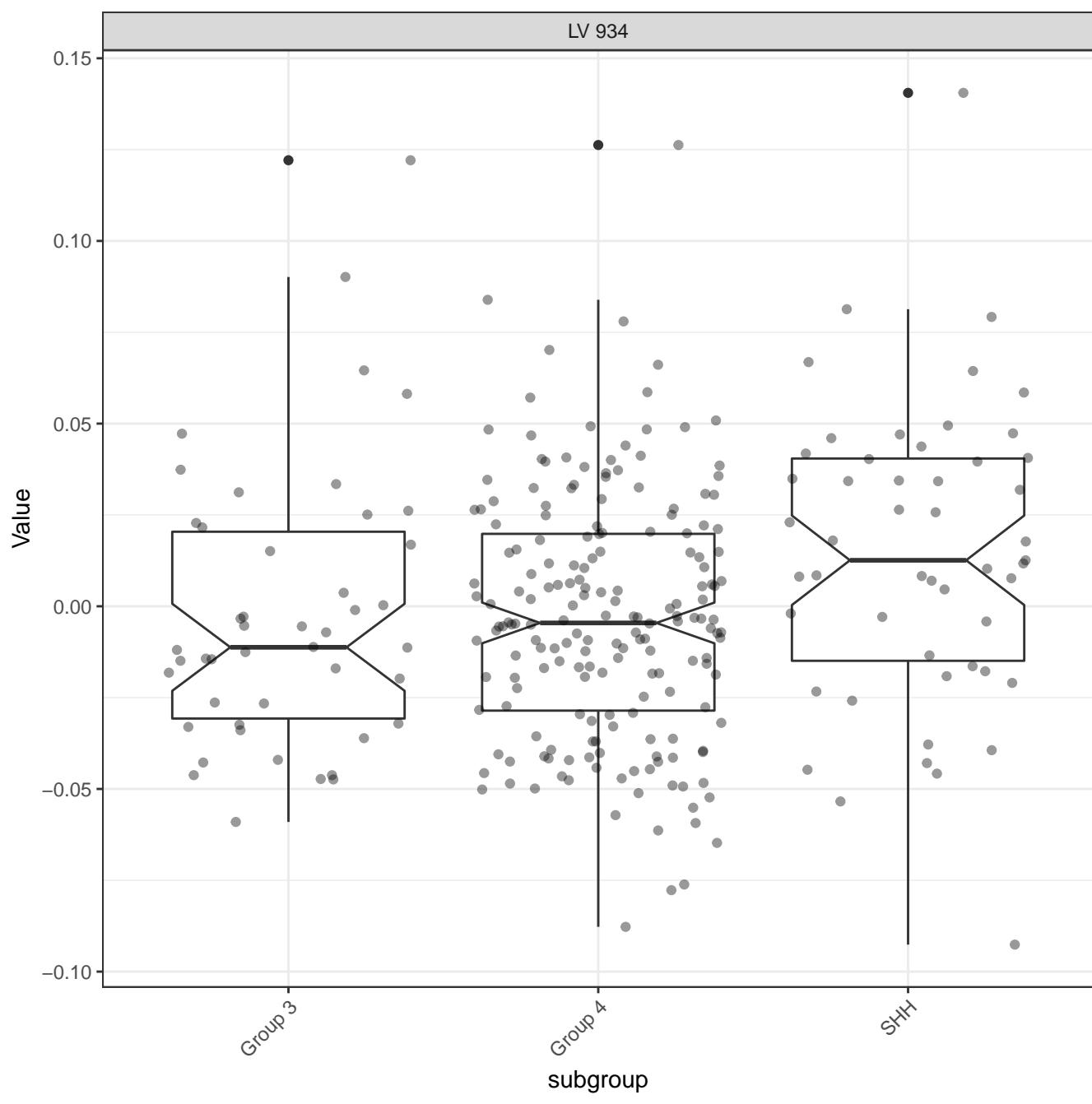
Group 3

subgroup

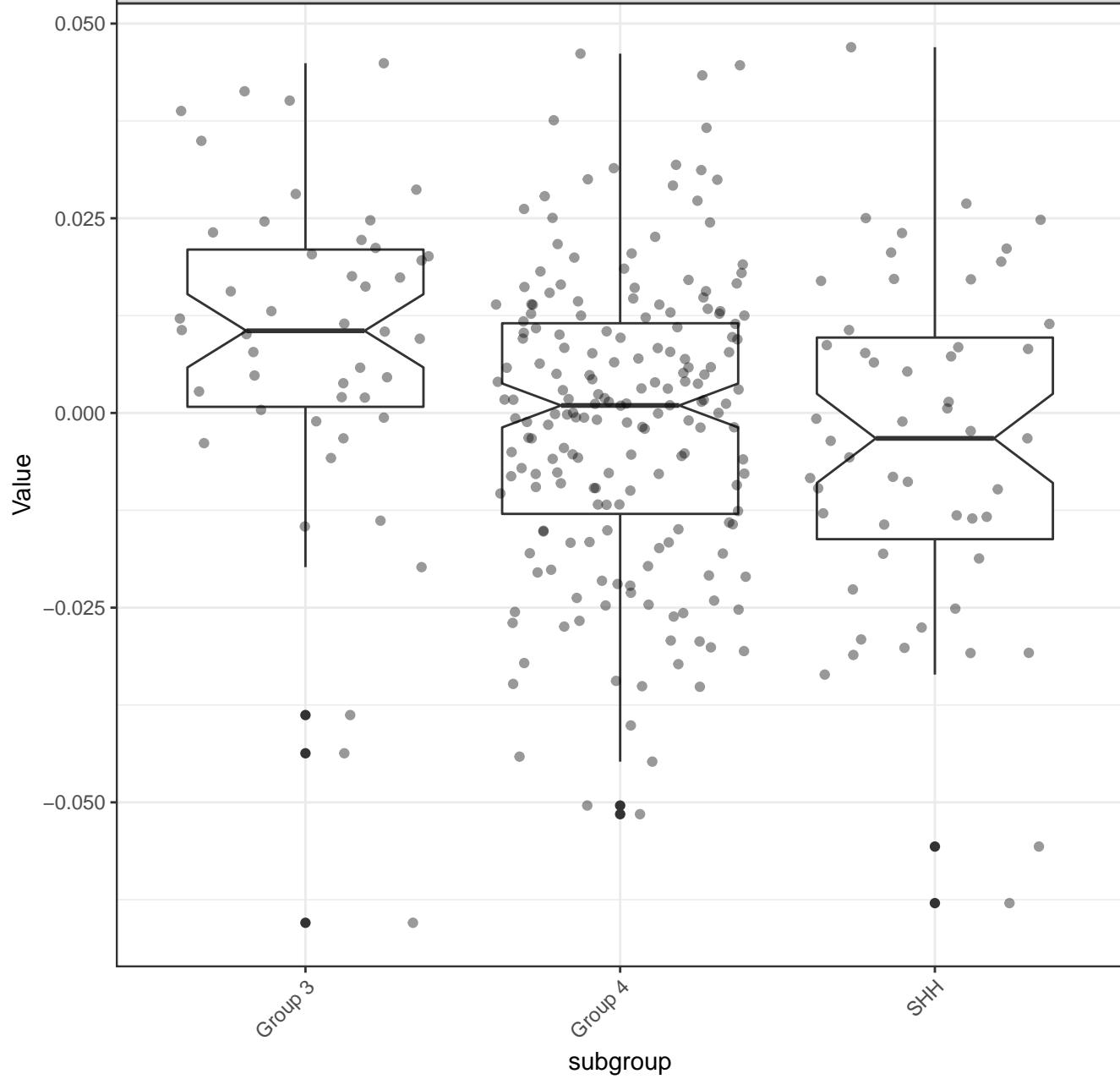
SHH



LV 934



935,REACTOME_3_UTR_MEDIATED_TRANSLATIONAL_REGULATION



LV 936

Value

0.10

0.05

0.00

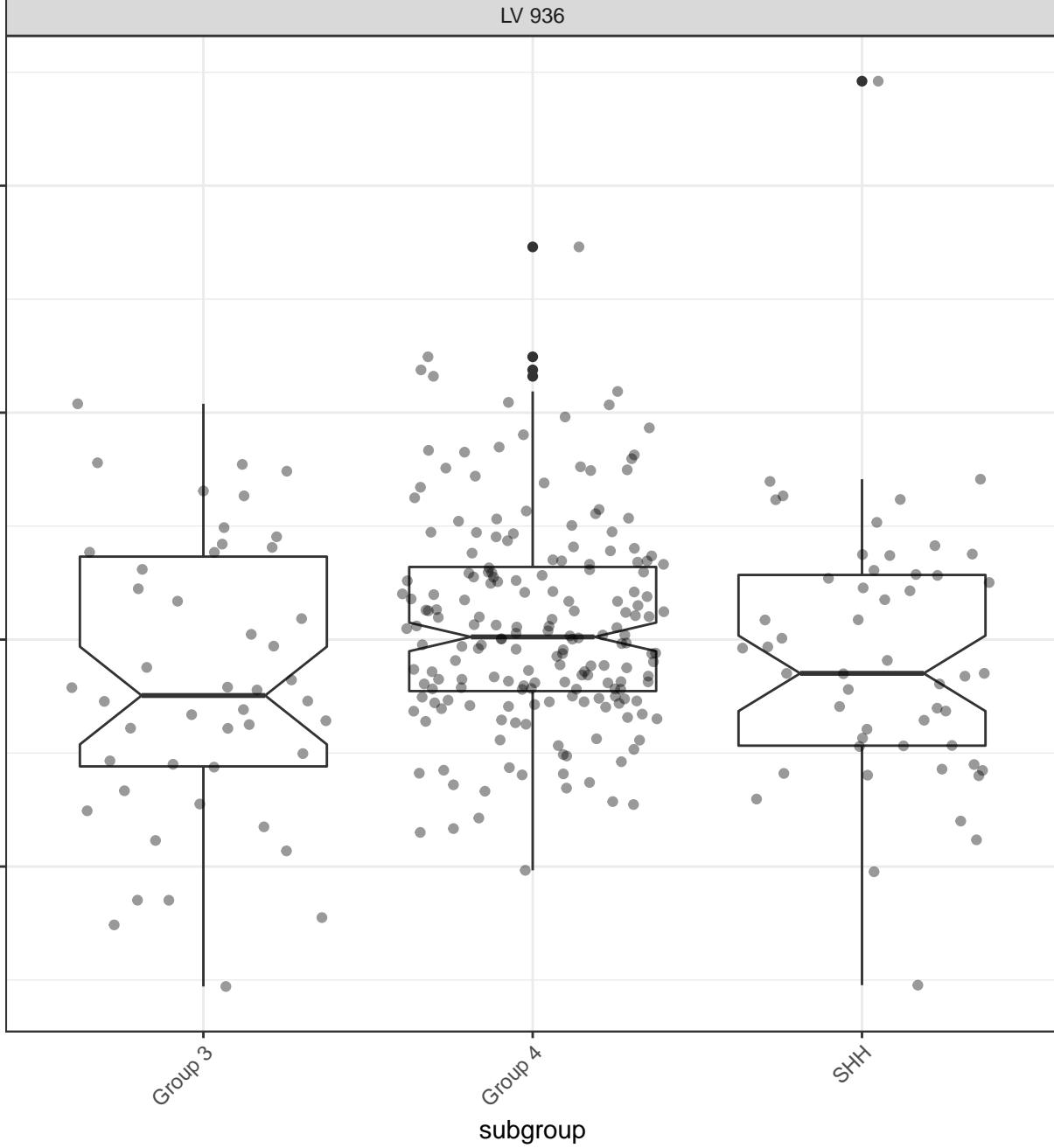
-0.05

Group 3

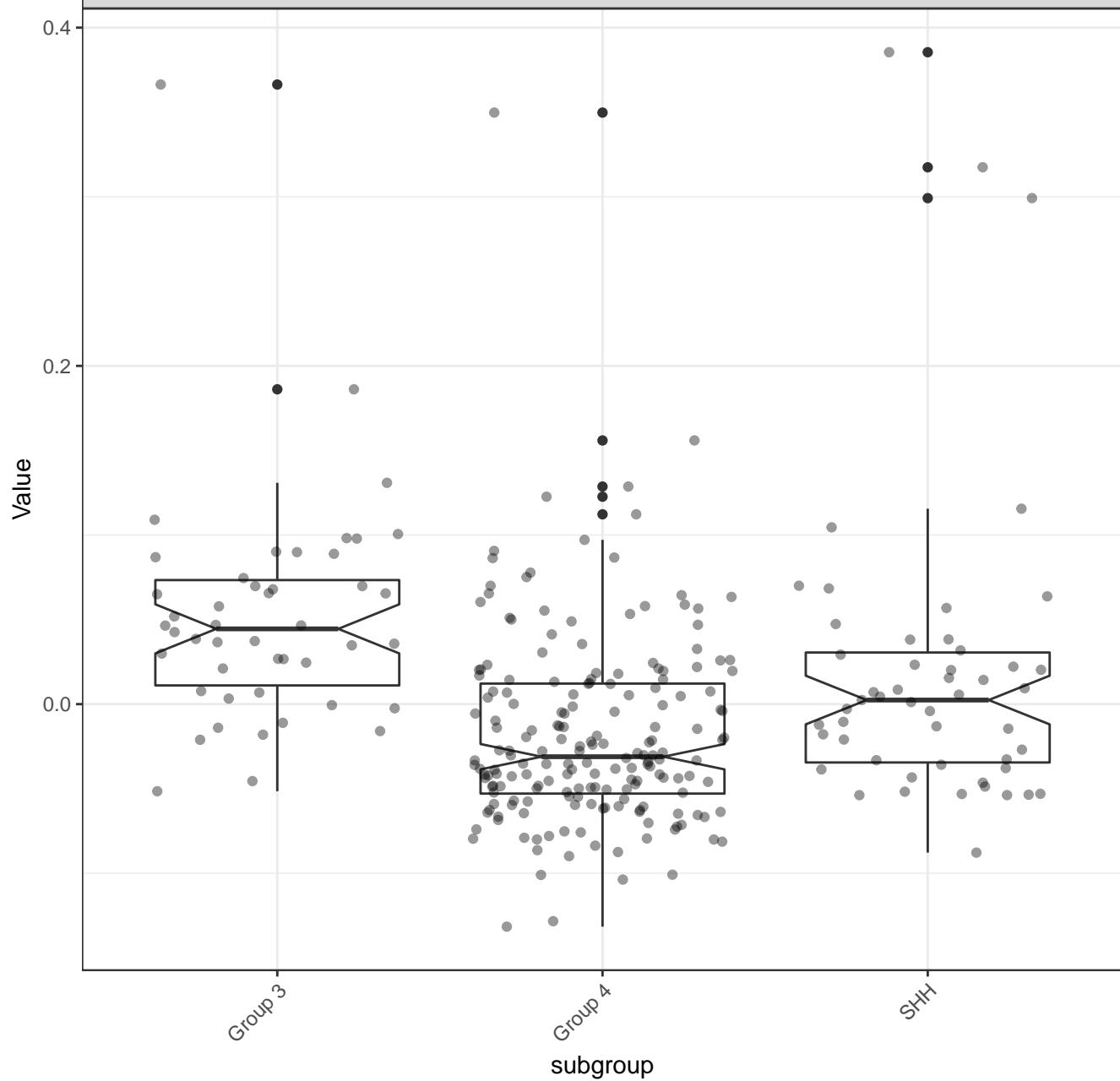
Group 4

SHH

subgroup

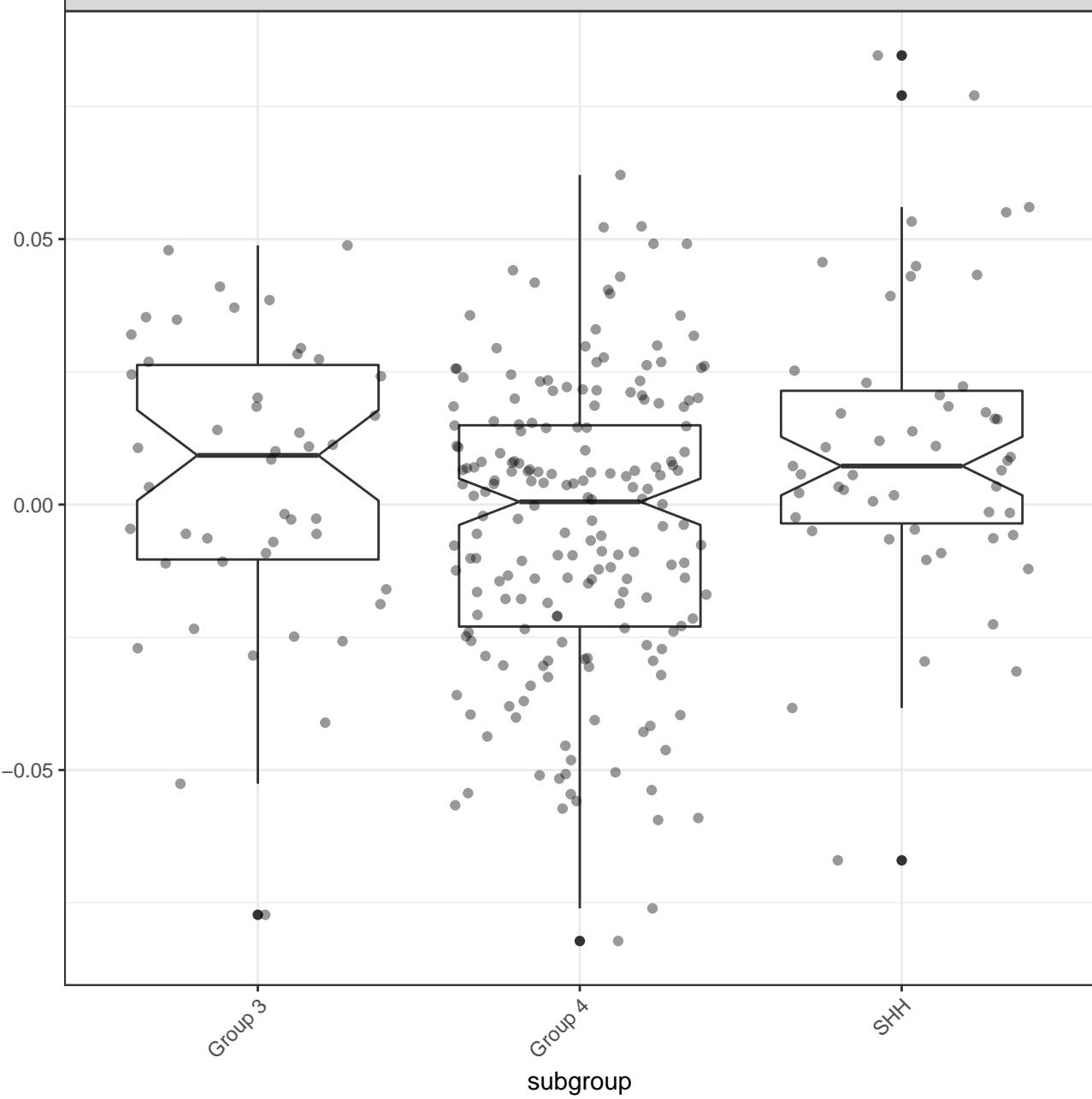


937,PID_HIF1_TFPATHWAY



LV 938

Value



LV 939

Value

0.05

0.00

-0.05

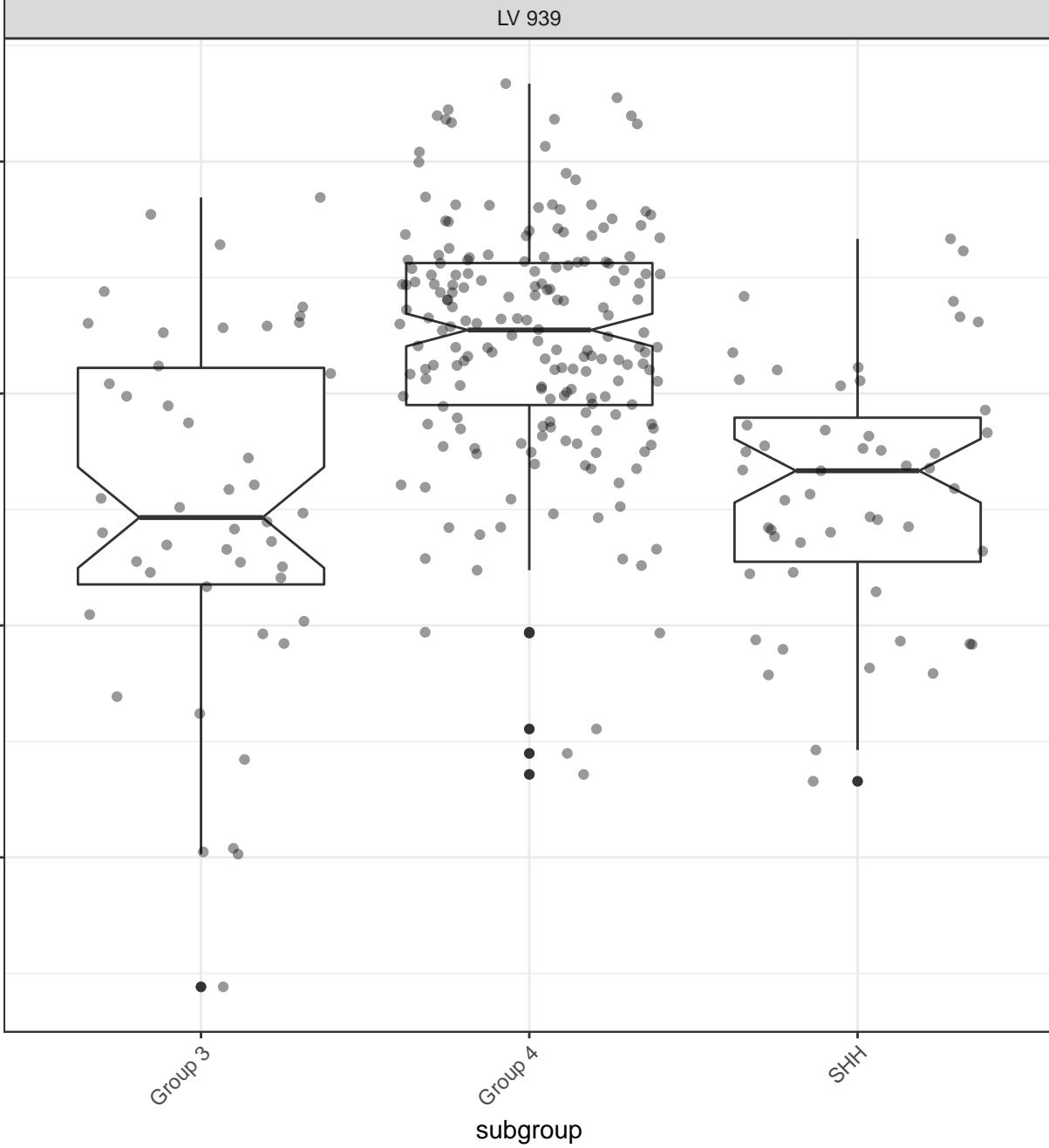
-0.10

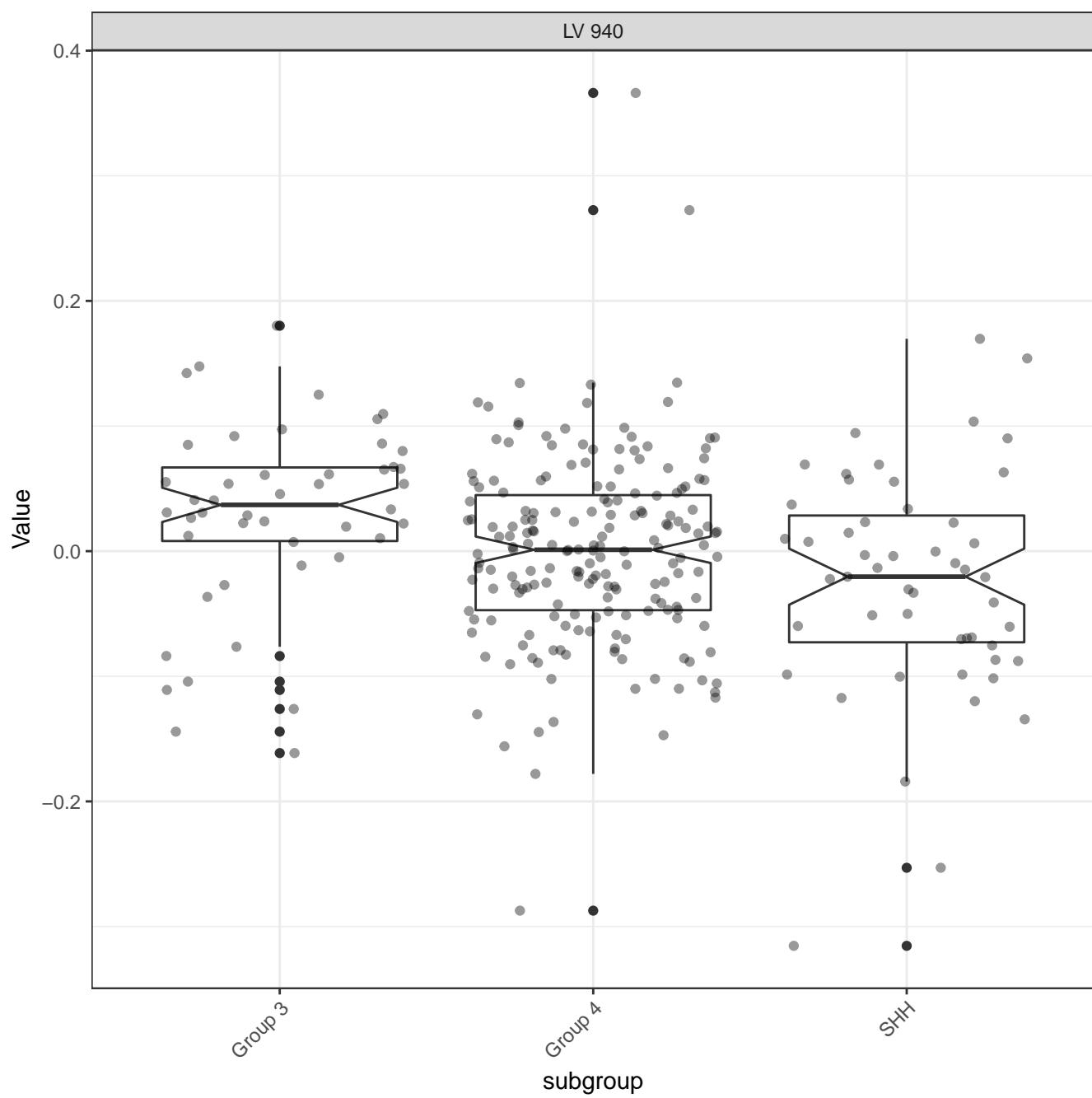
Group 3

Group 4

SHH

subgroup





LV 941

Value

0.05

0.00

-0.05

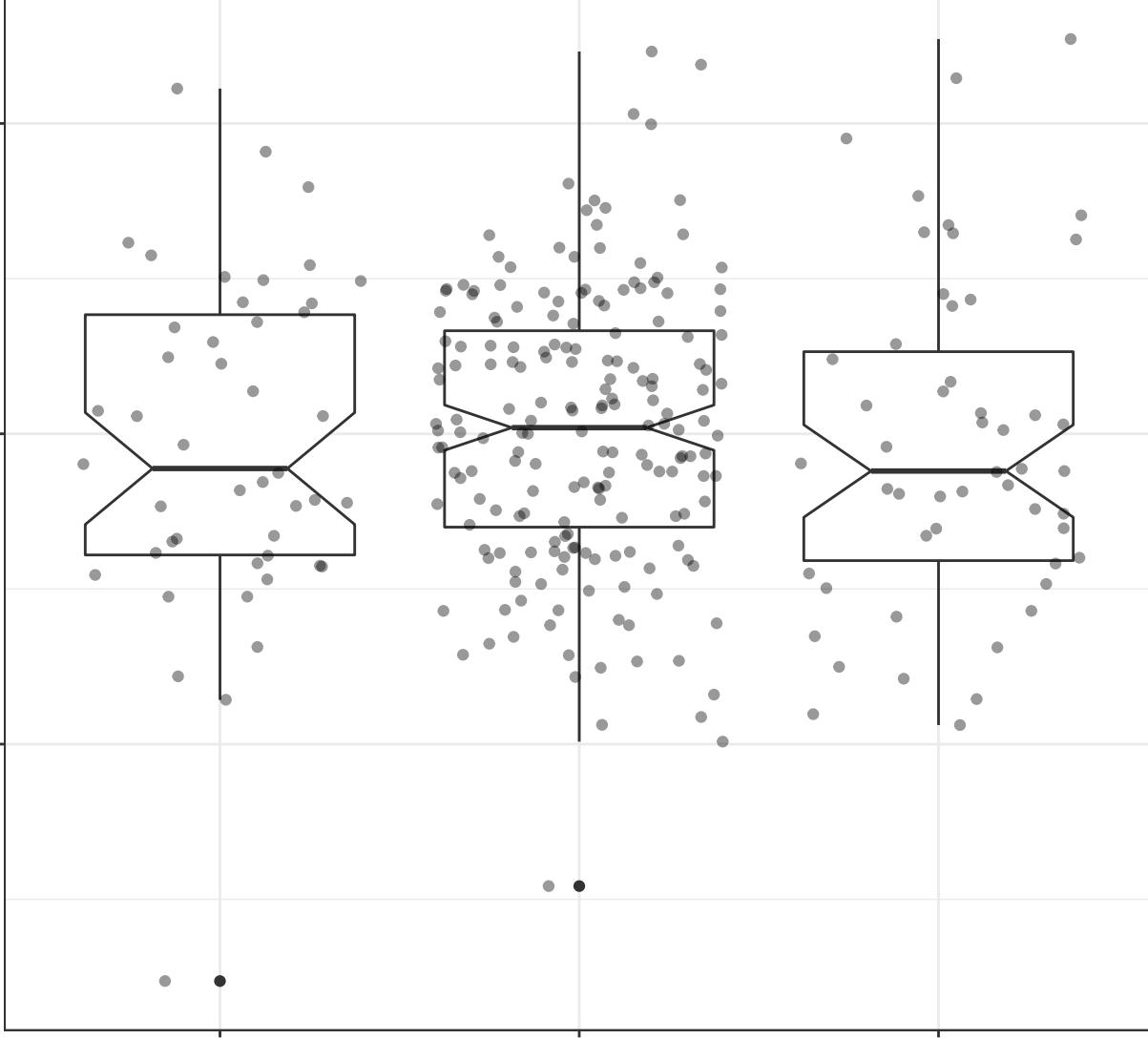
Group 3

subgroup

SHH

Group 4

subgroup



942,SVM T cells CD4 memory activated

Value

0.2

0.1

0.0

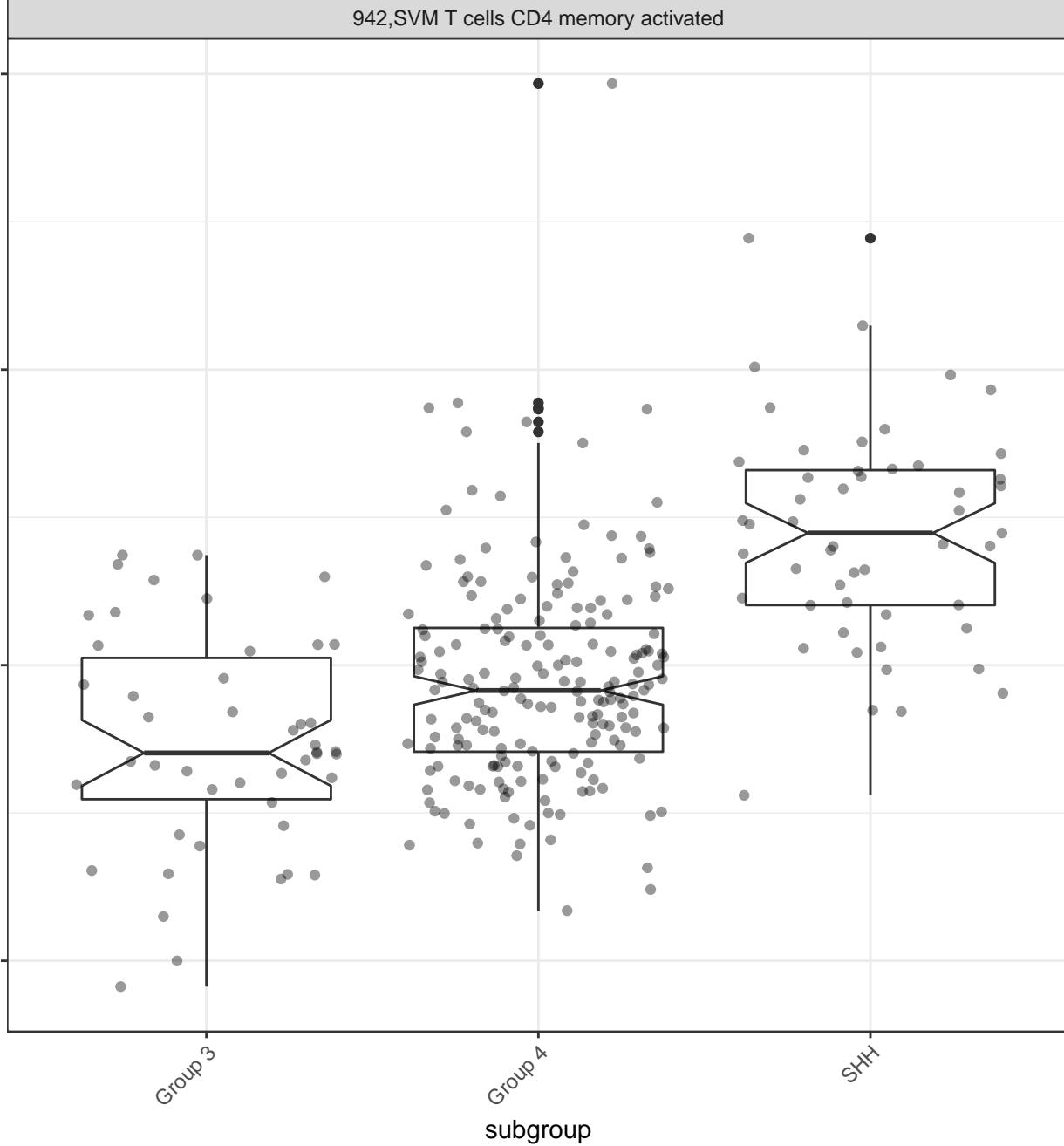
-0.1

Group³

Group⁴

SHH

subgroup



LV 943

Value

0.10

0.05

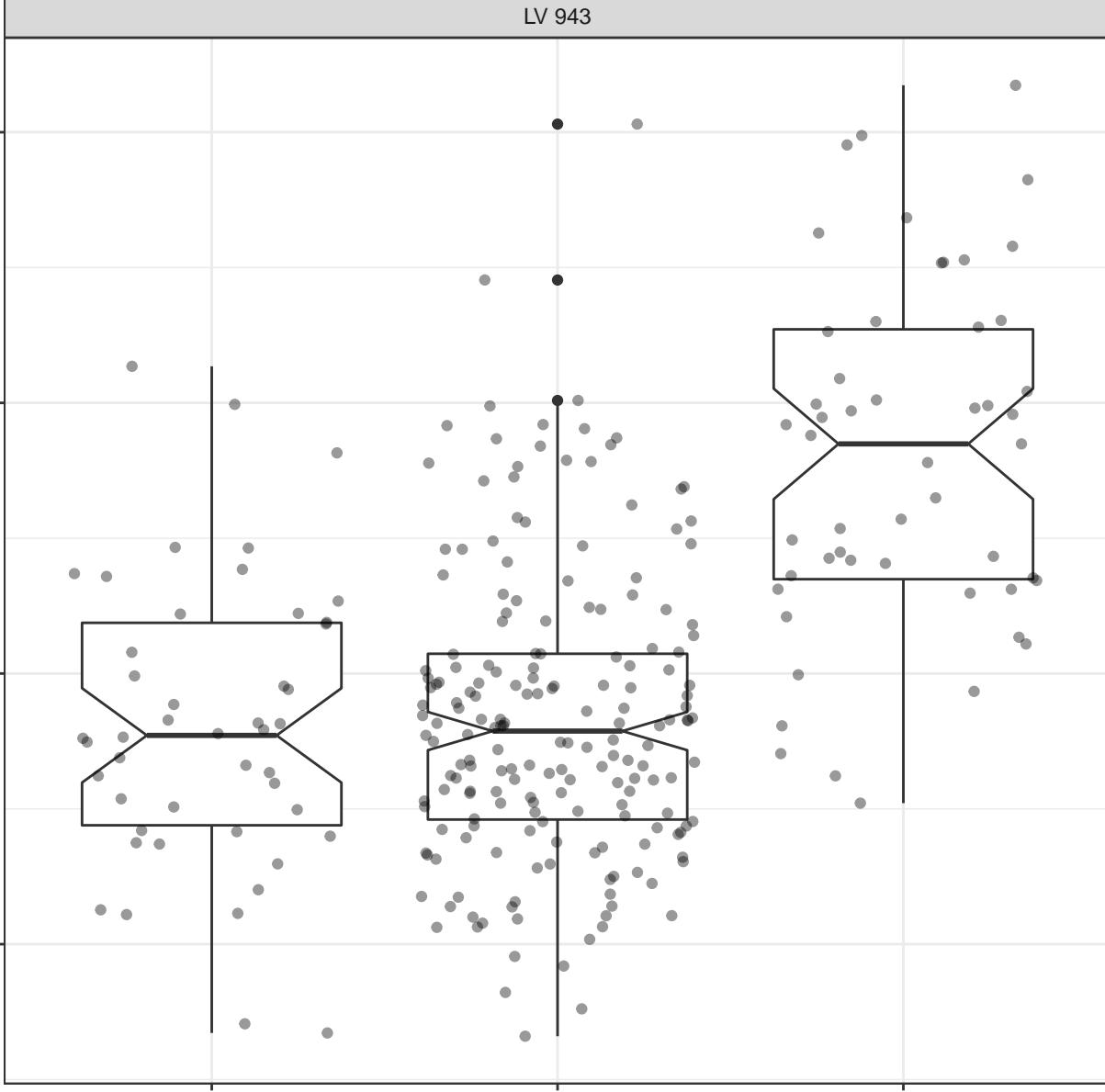
0.00

-0.05

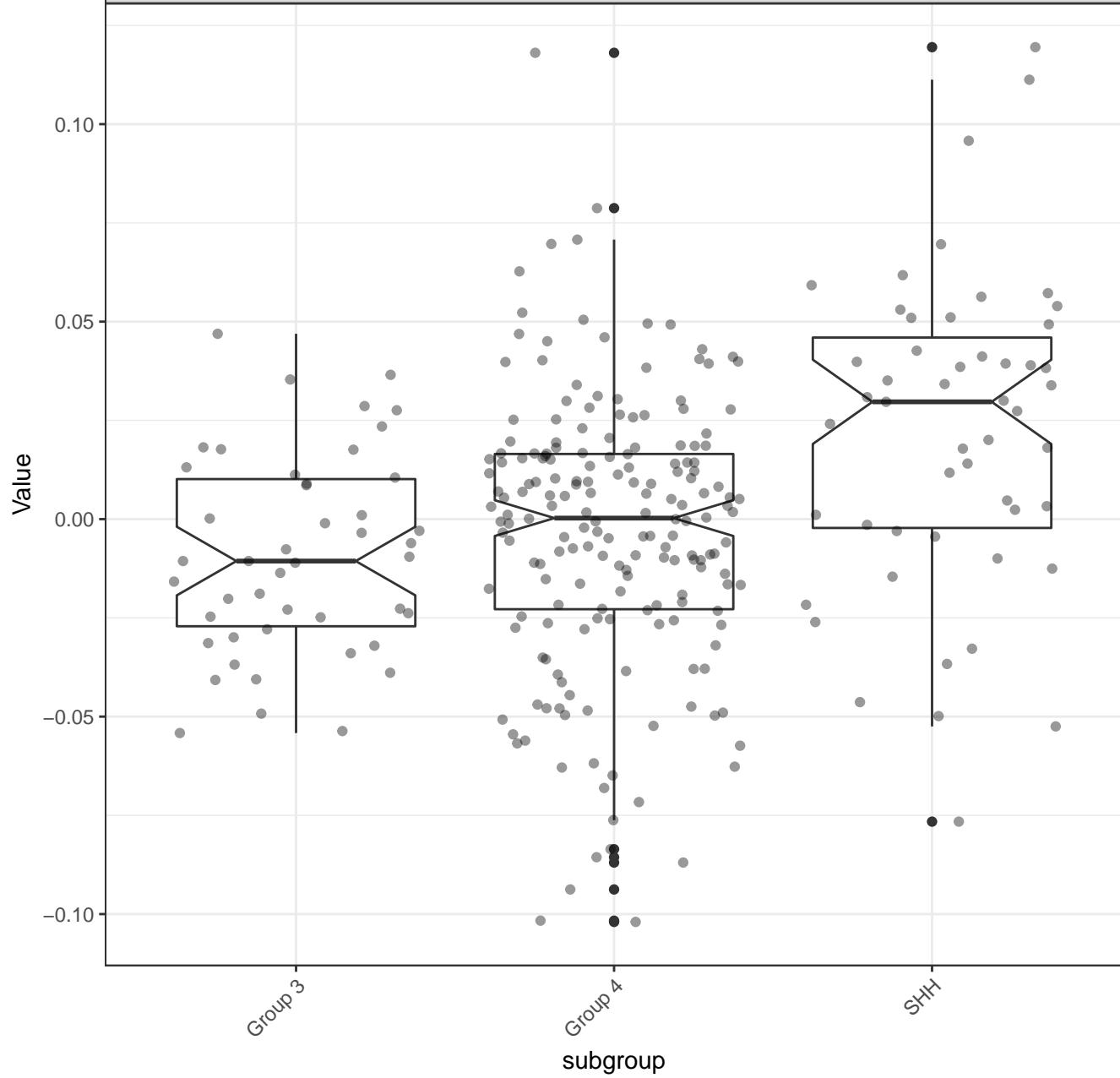
Group 3

subgroup

SHH



LV 944



LV 945

Value

0.1

0.0

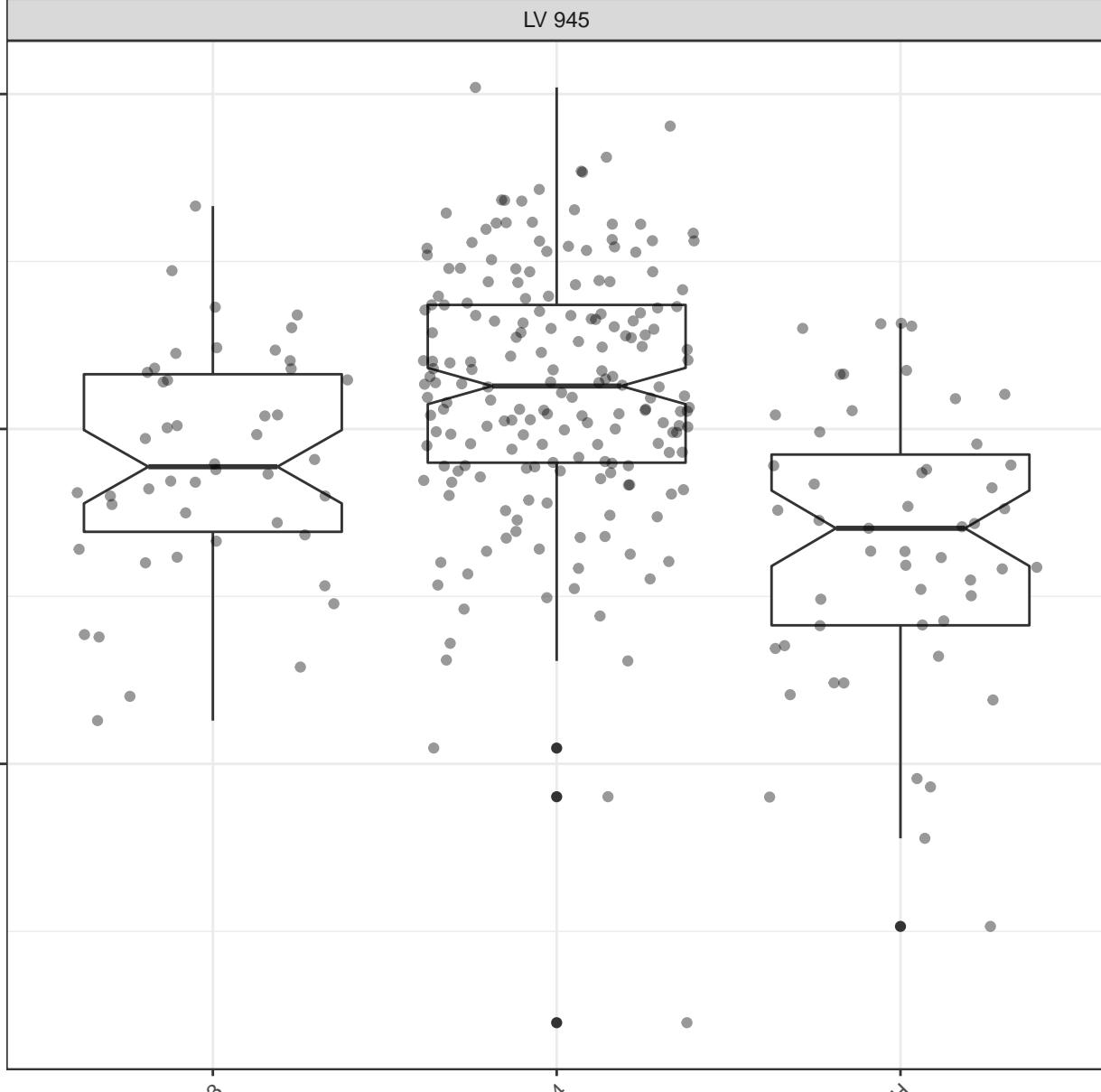
-0.1

Group 3

Group 4

SHH

subgroup



LV 946

Value

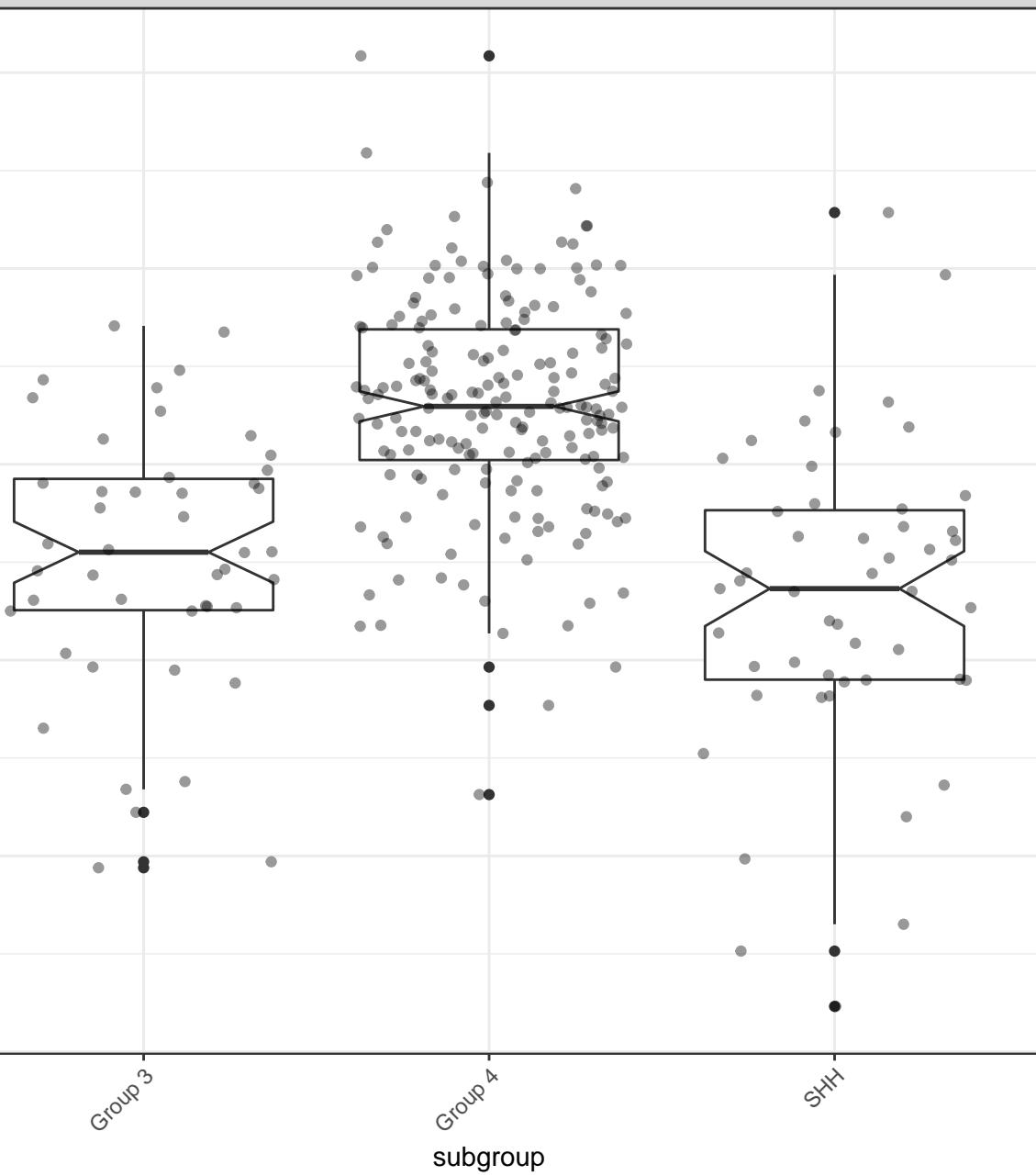
0.10
0.05
0.00
-0.05
-0.10
-0.15

Group 3

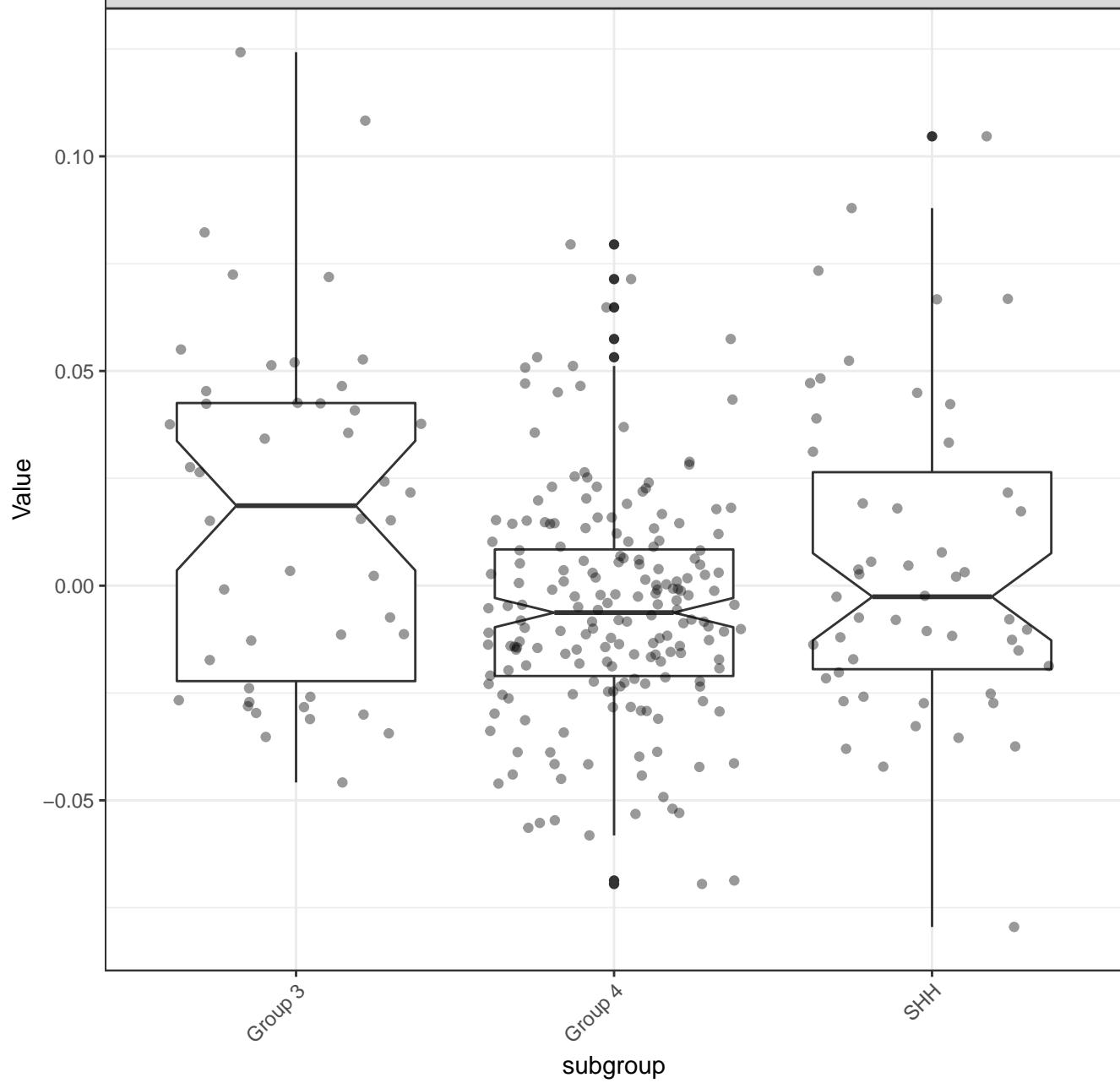
Group 4

SHH

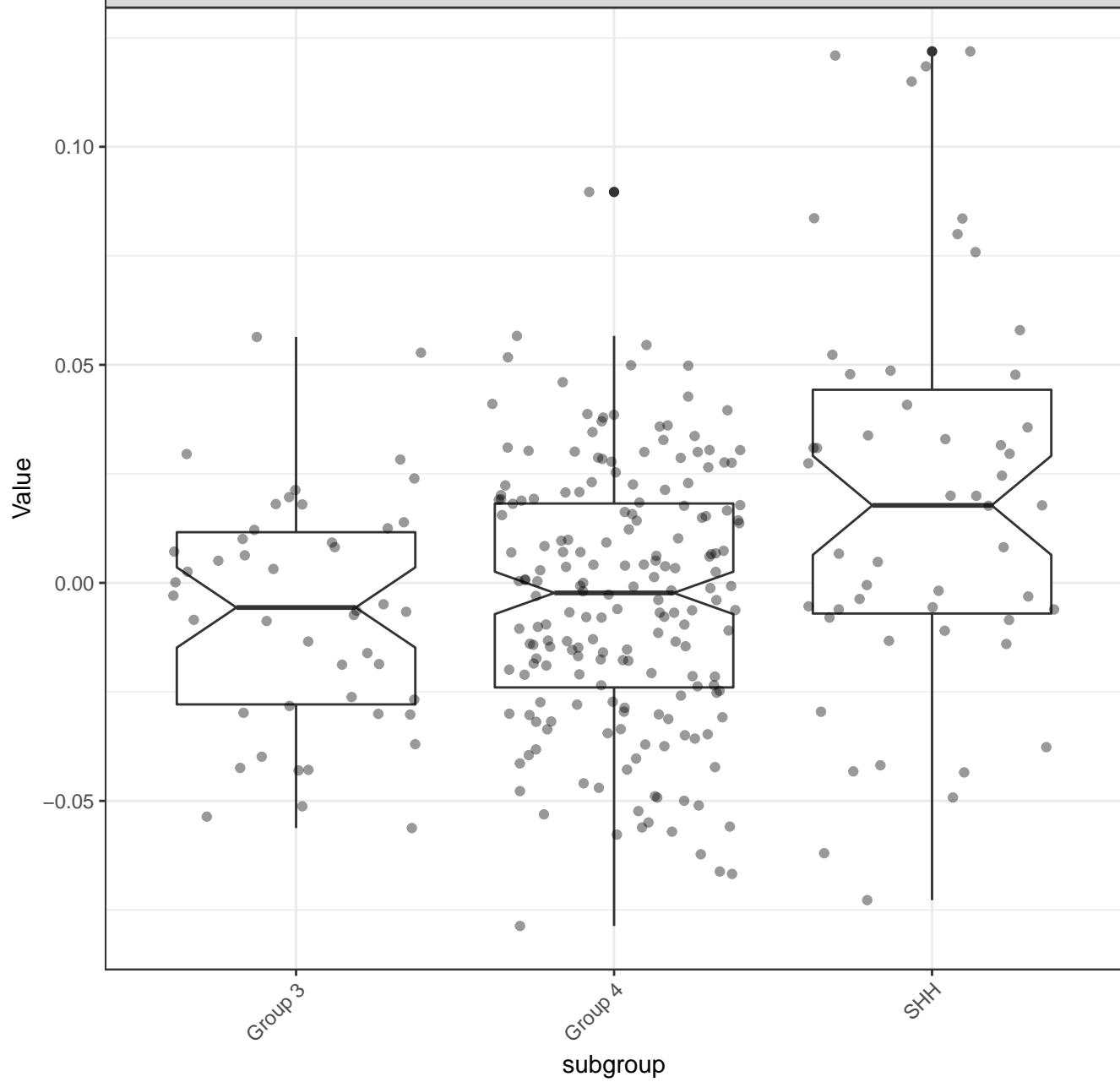
subgroup



LV 947



LV 948



LV 949

Value

0.05

0.00

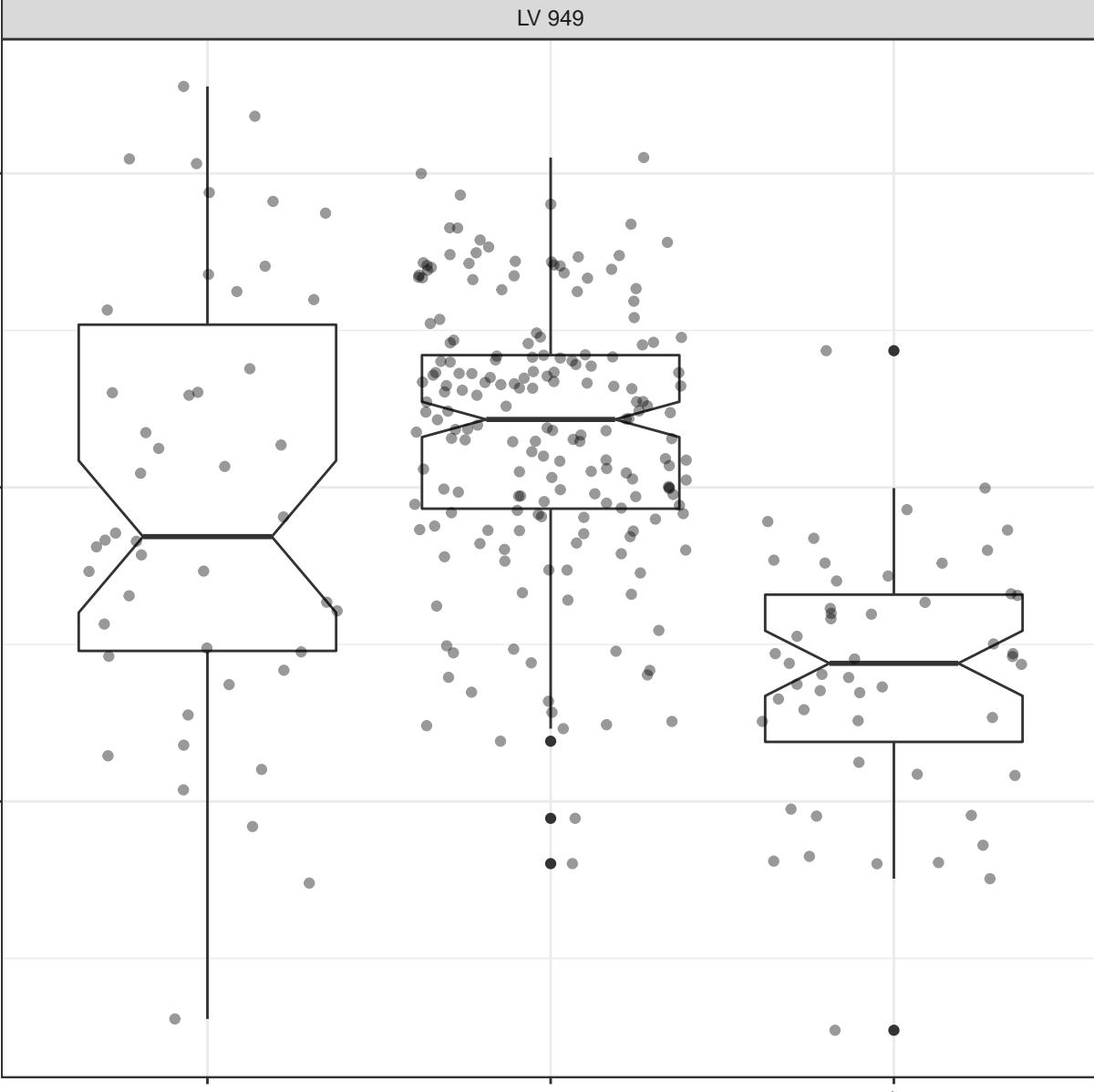
-0.05

Group 3

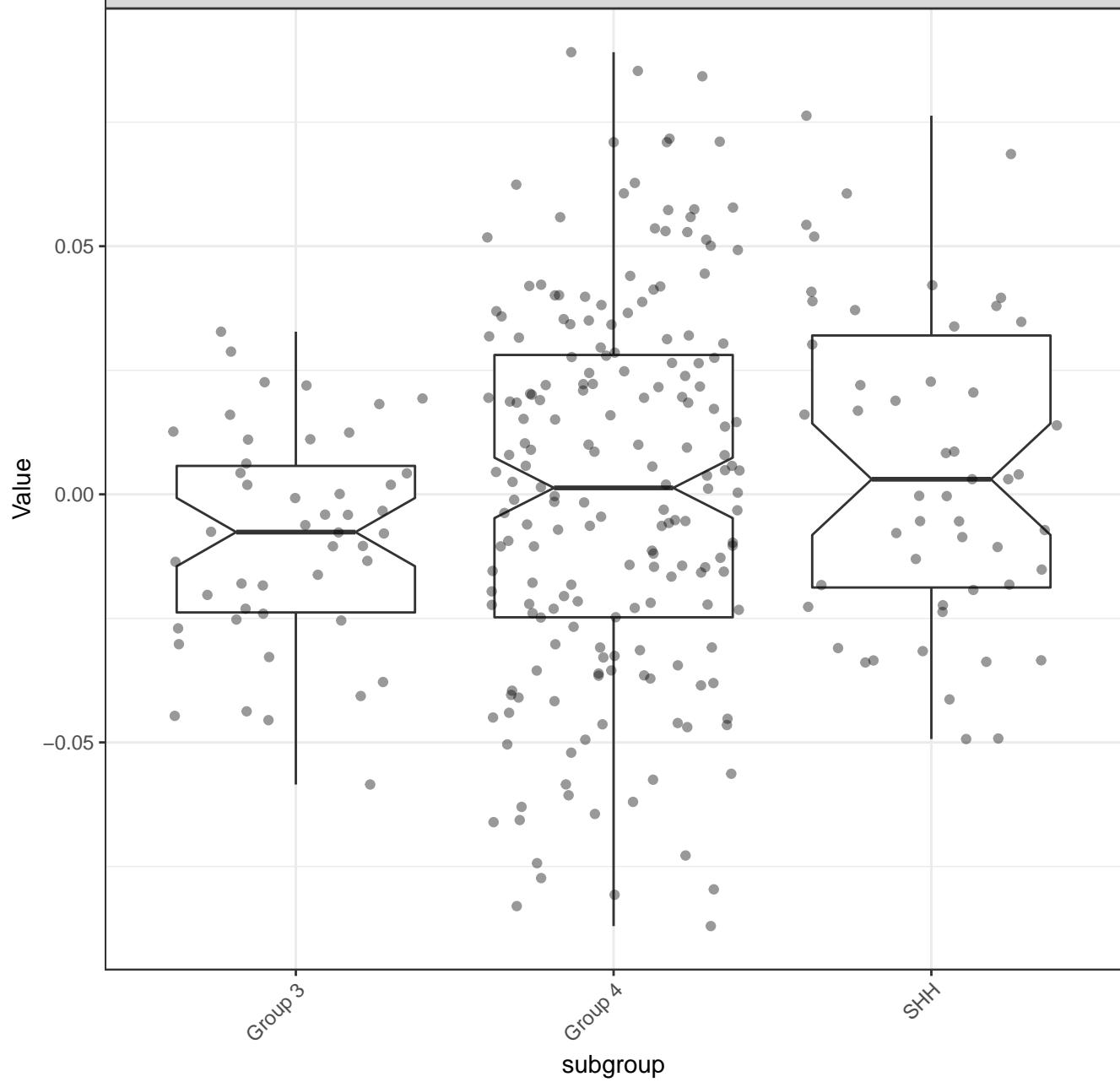
subgroup

Group 4

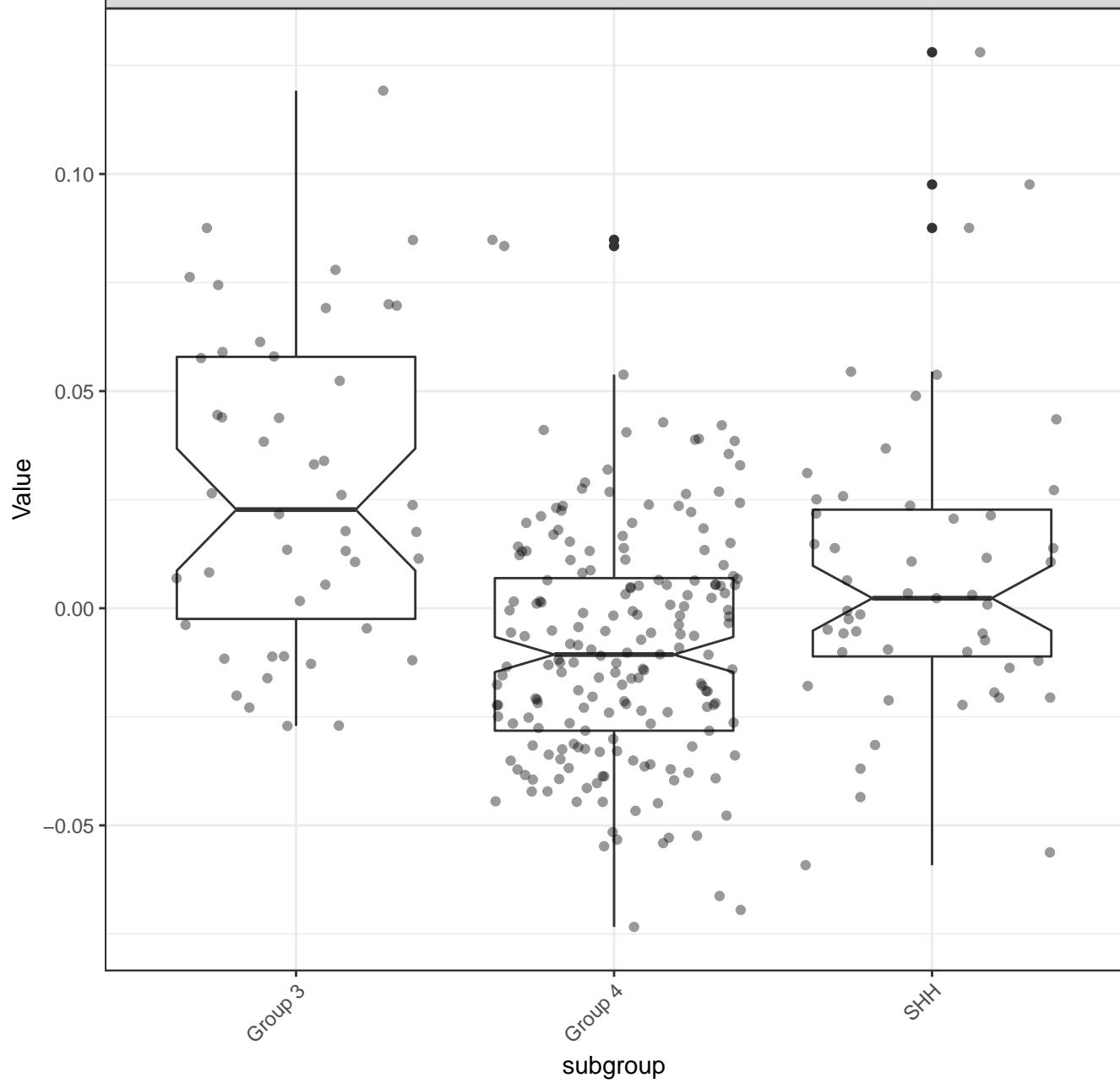
SHH



LV 950



951,SVM Plasma cells



LV 952

Value

0.10

0.05

0.00

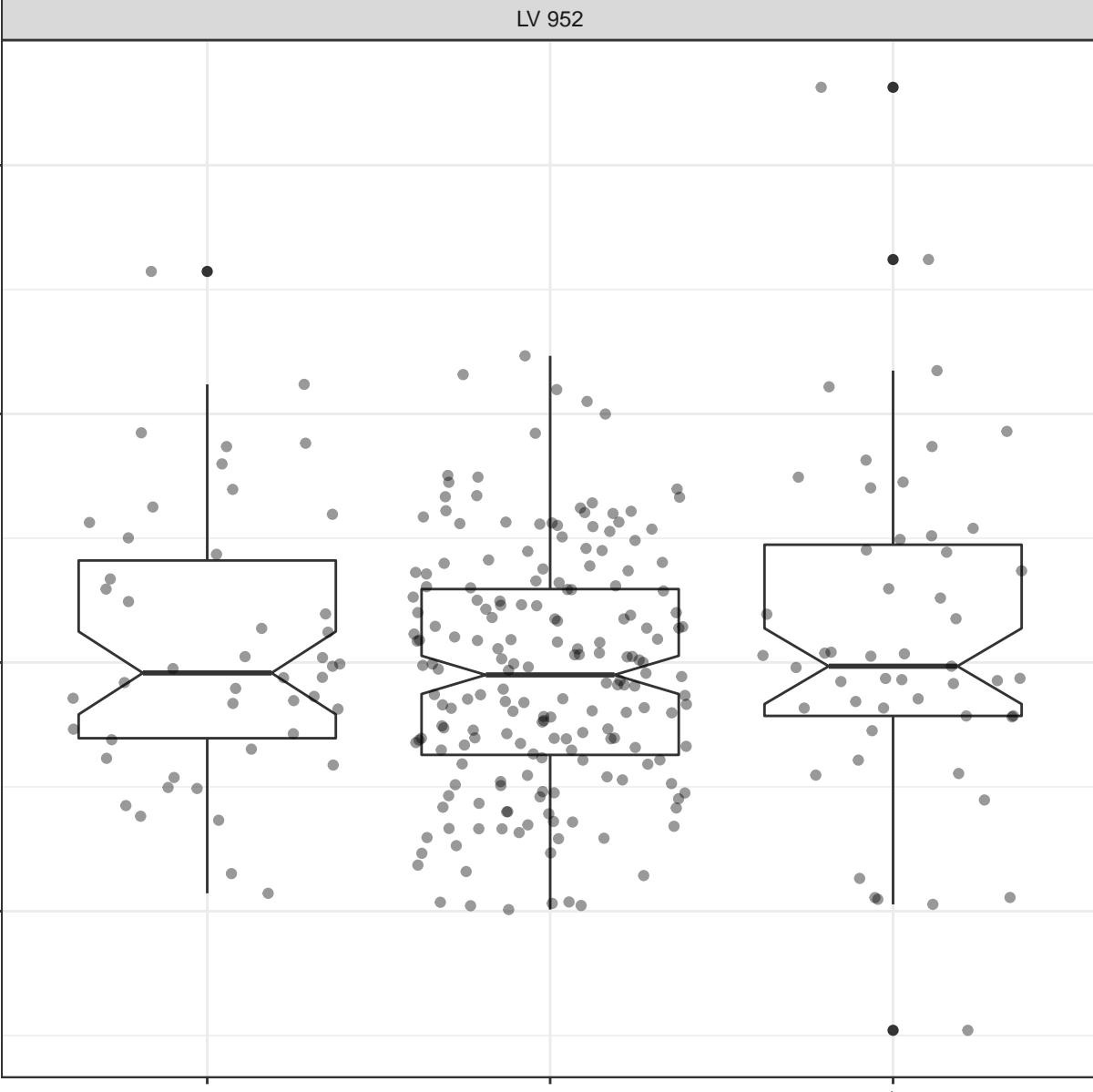
-0.05

Group 3

Group 4

SHH

subgroup



953,IRIS_Monocyte–Day1

Value

0.2

0.1

0.0

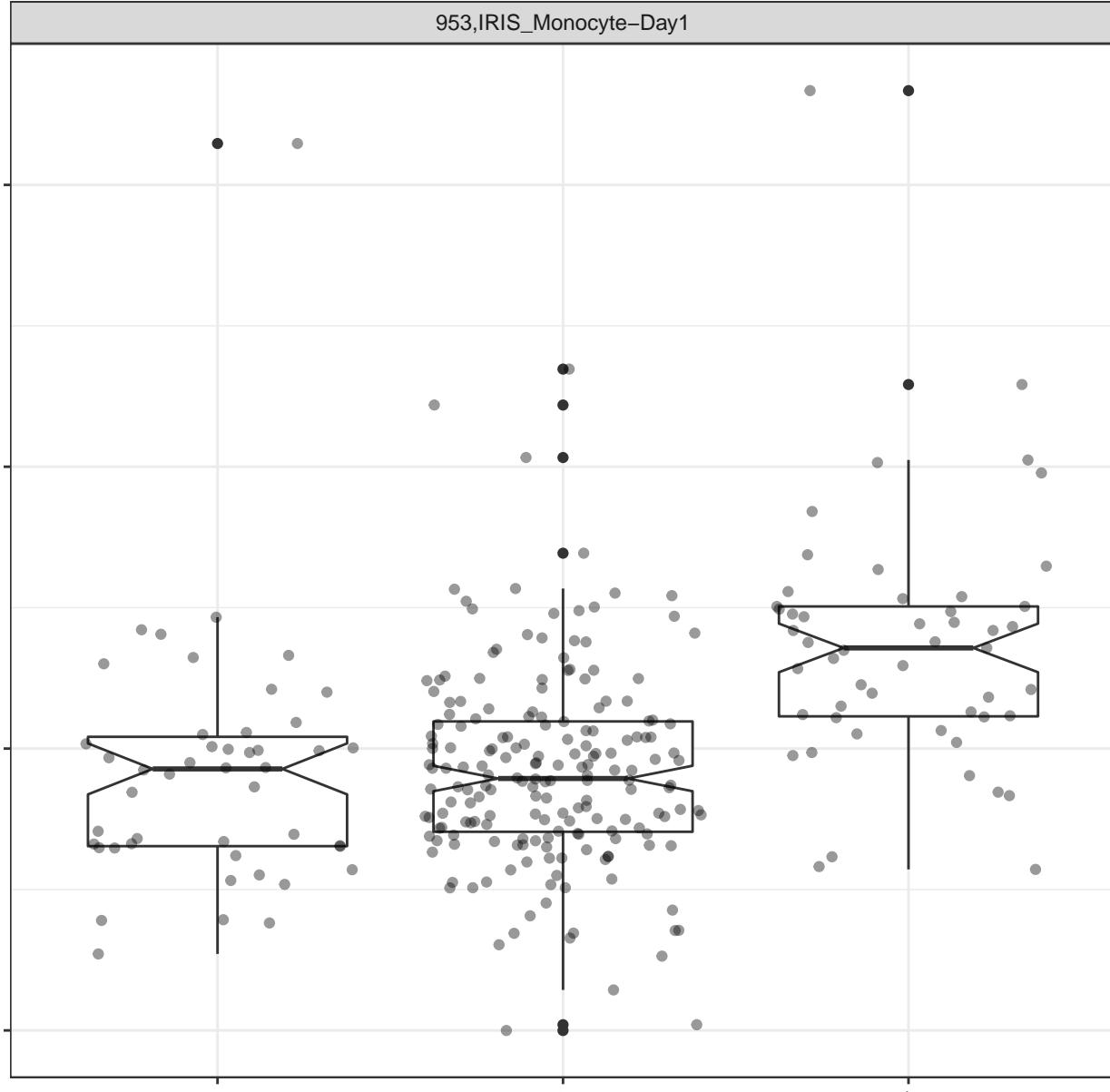
-0.1

Group 3

subgroup

Group 4

SHH



954,DMAP_TCELLA6

Value

0.2

0.1

0.0

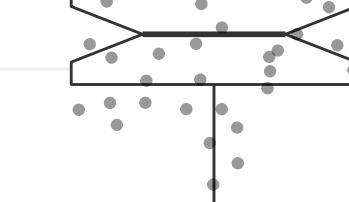
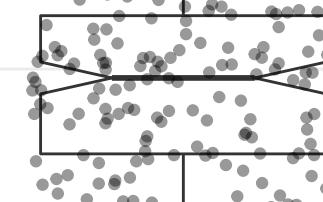
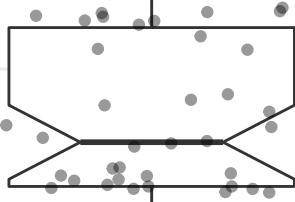
-0.1

Group 3

Group 4

SHH

subgroup



LV 955

Value

0.05

0.00

-0.05

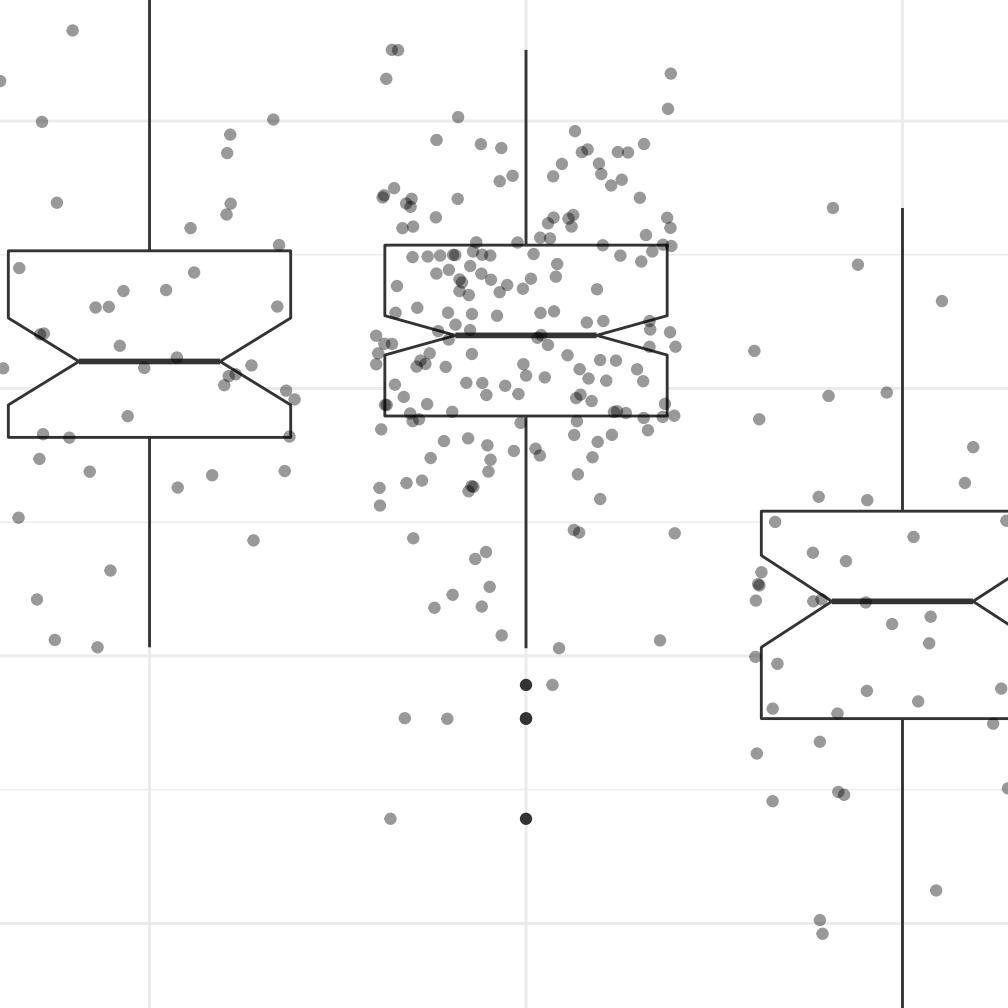
-0.10

Group 3

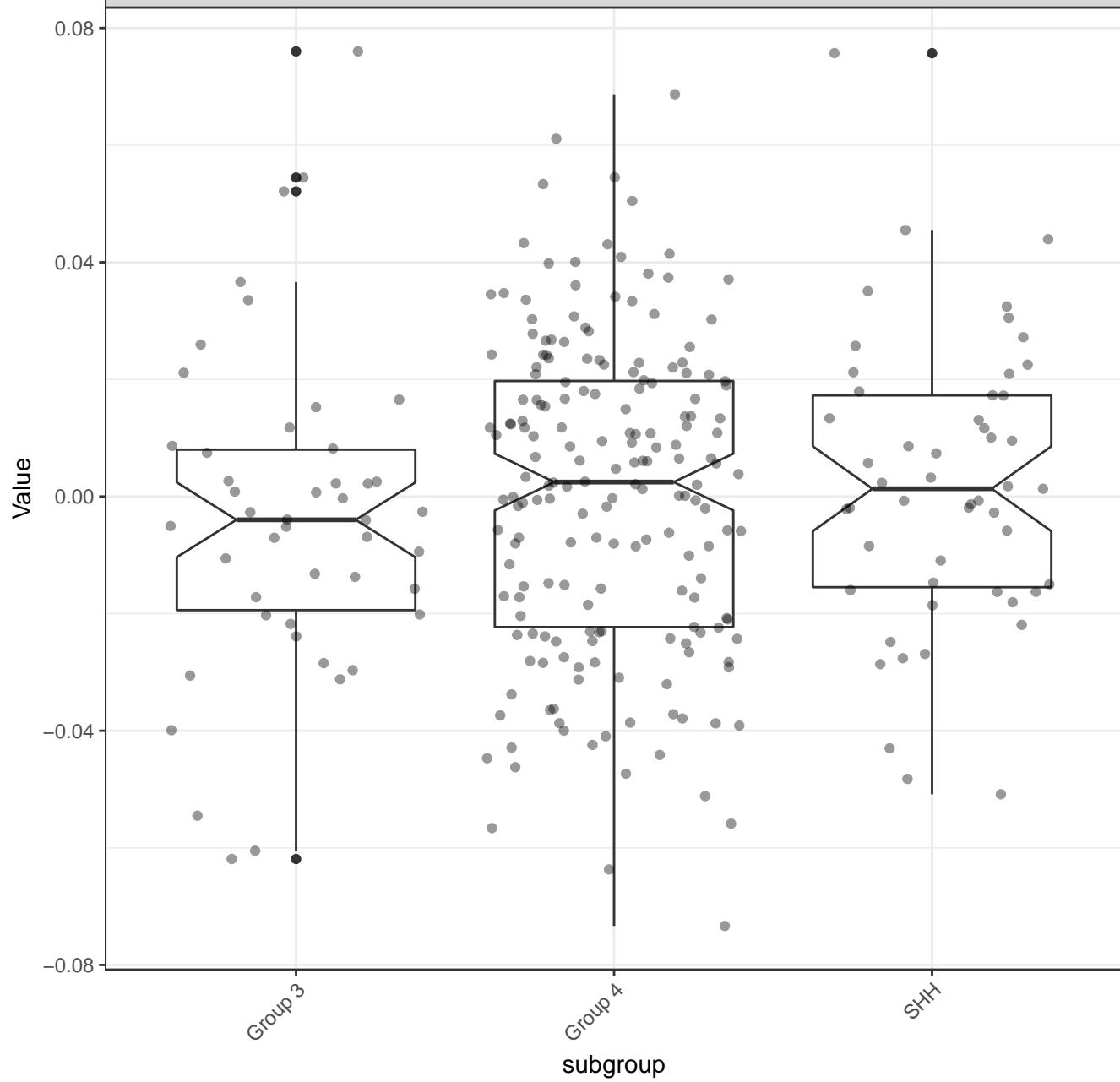
subgroup

SHH

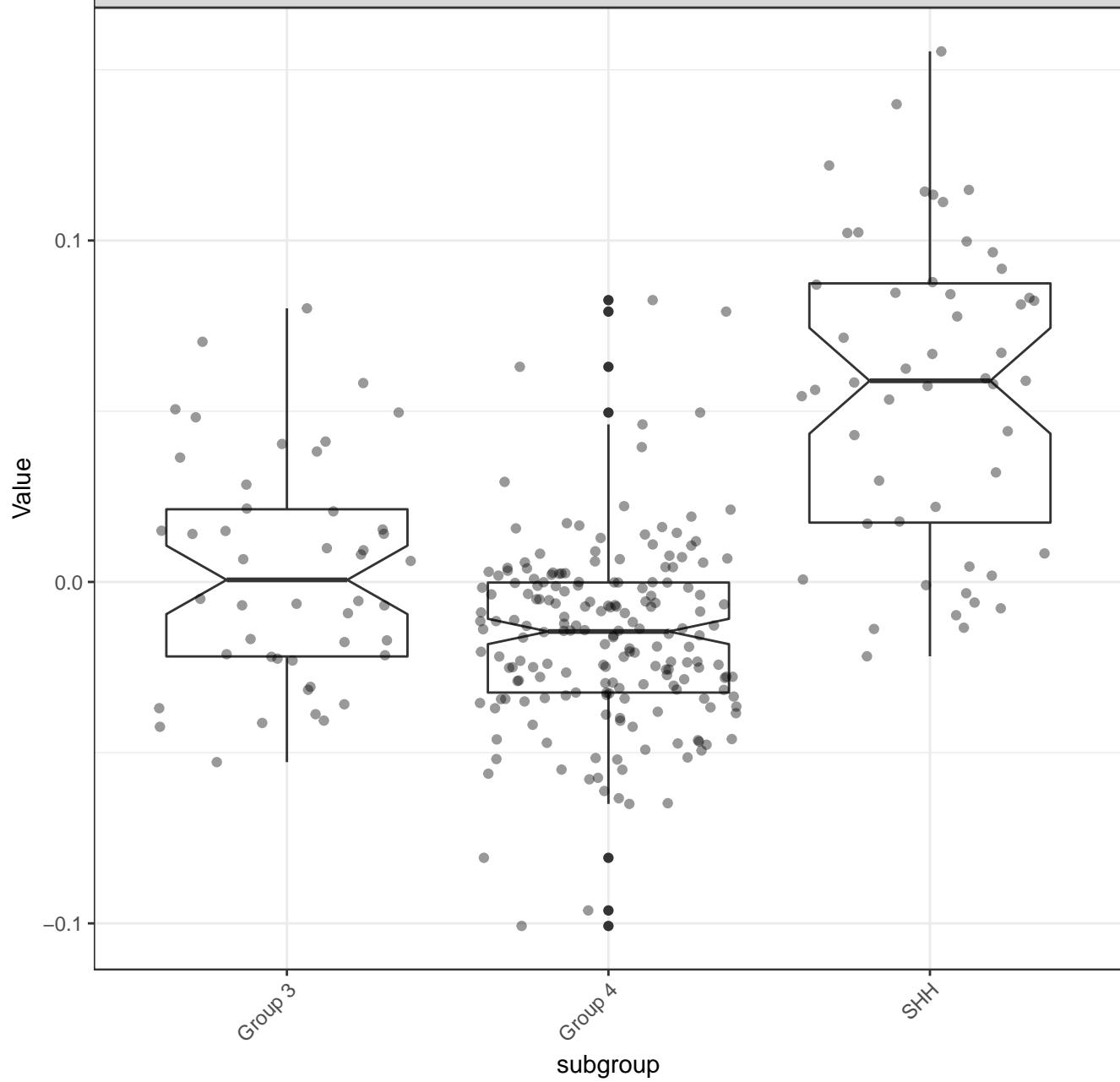
Group 4



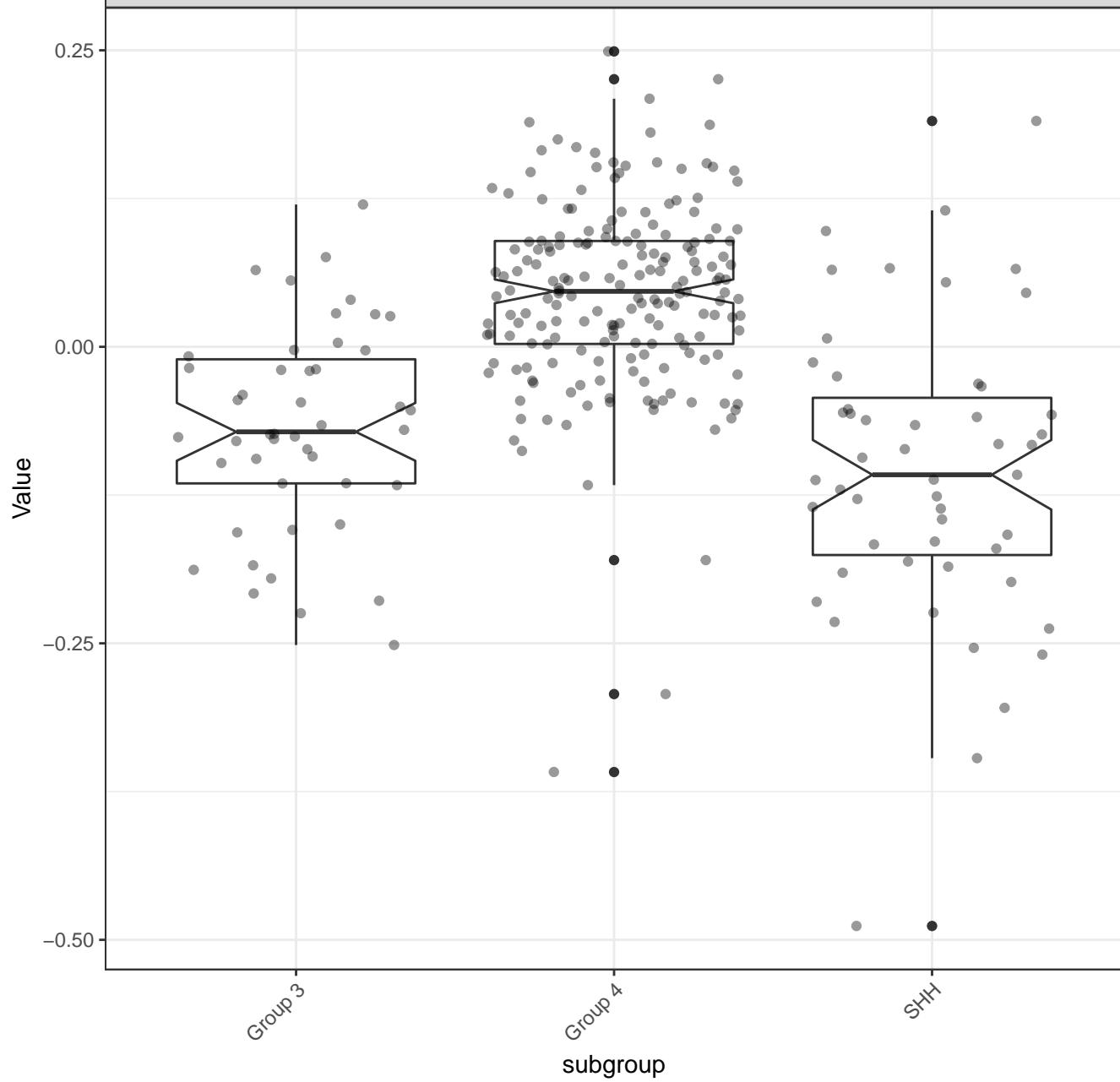
LV 956



LV 957



LV 958



LV 959

Vvalue

0.10

0.05

0.00

-0.05

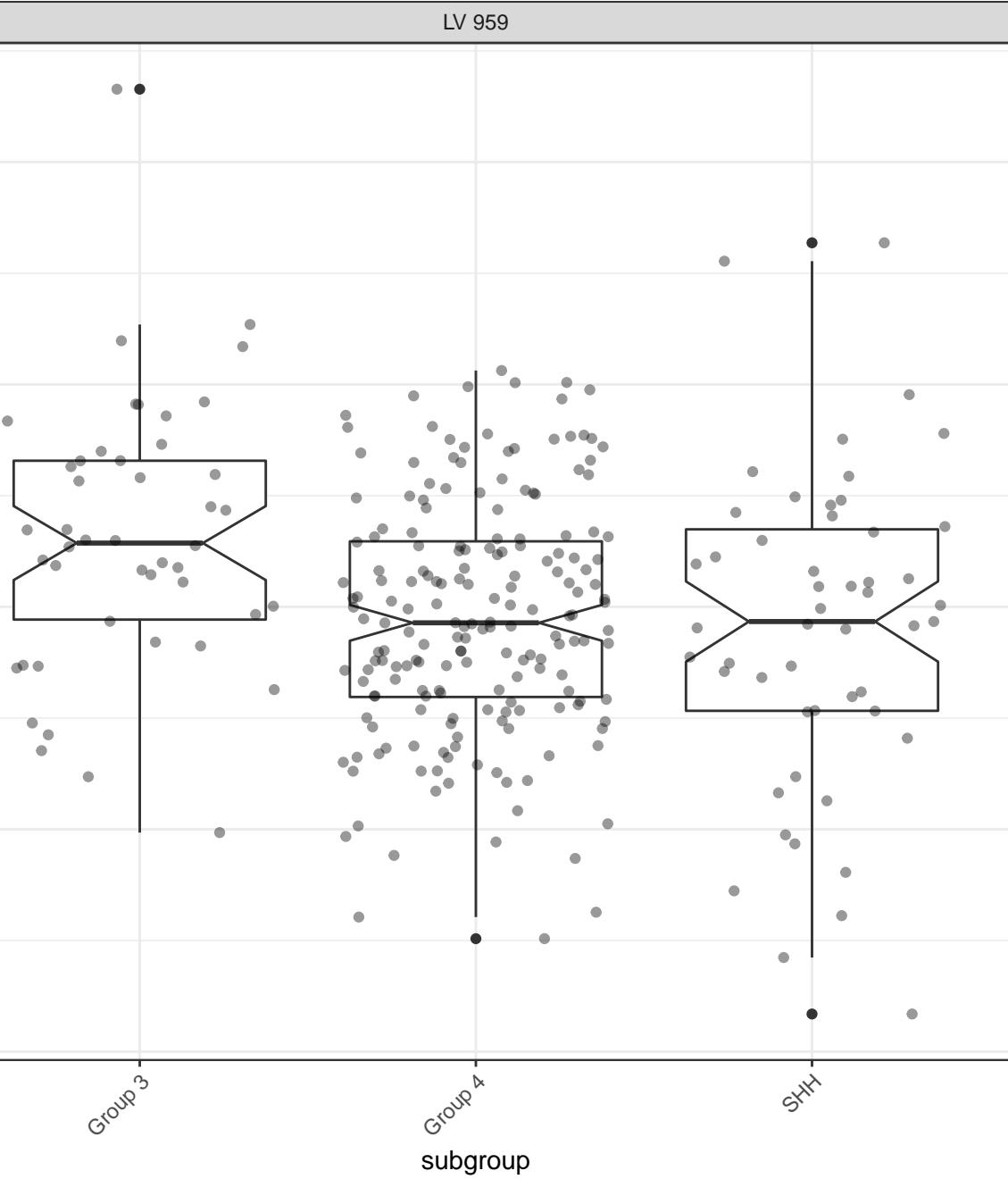
-0.10

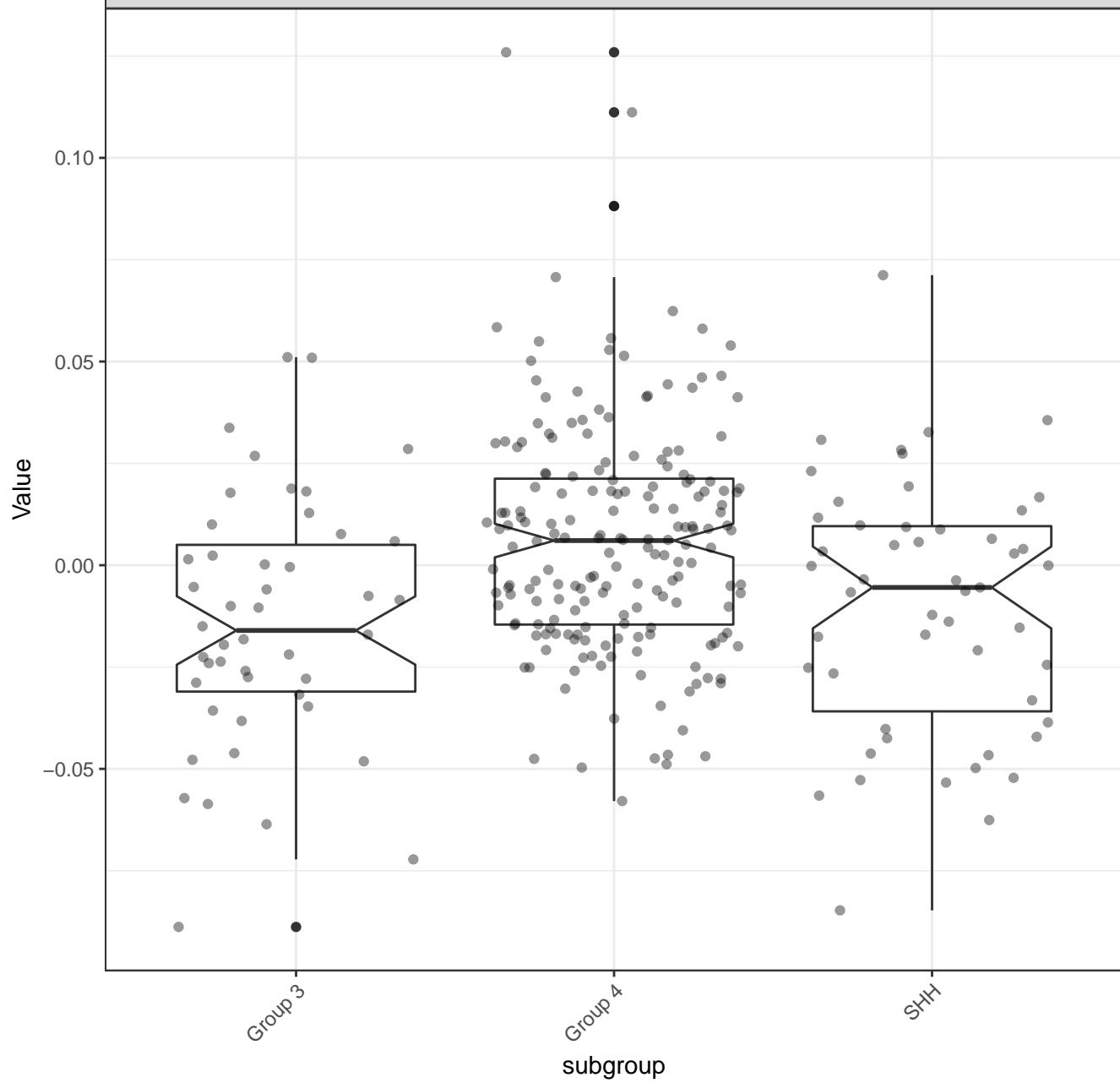
Group₃

Group₄

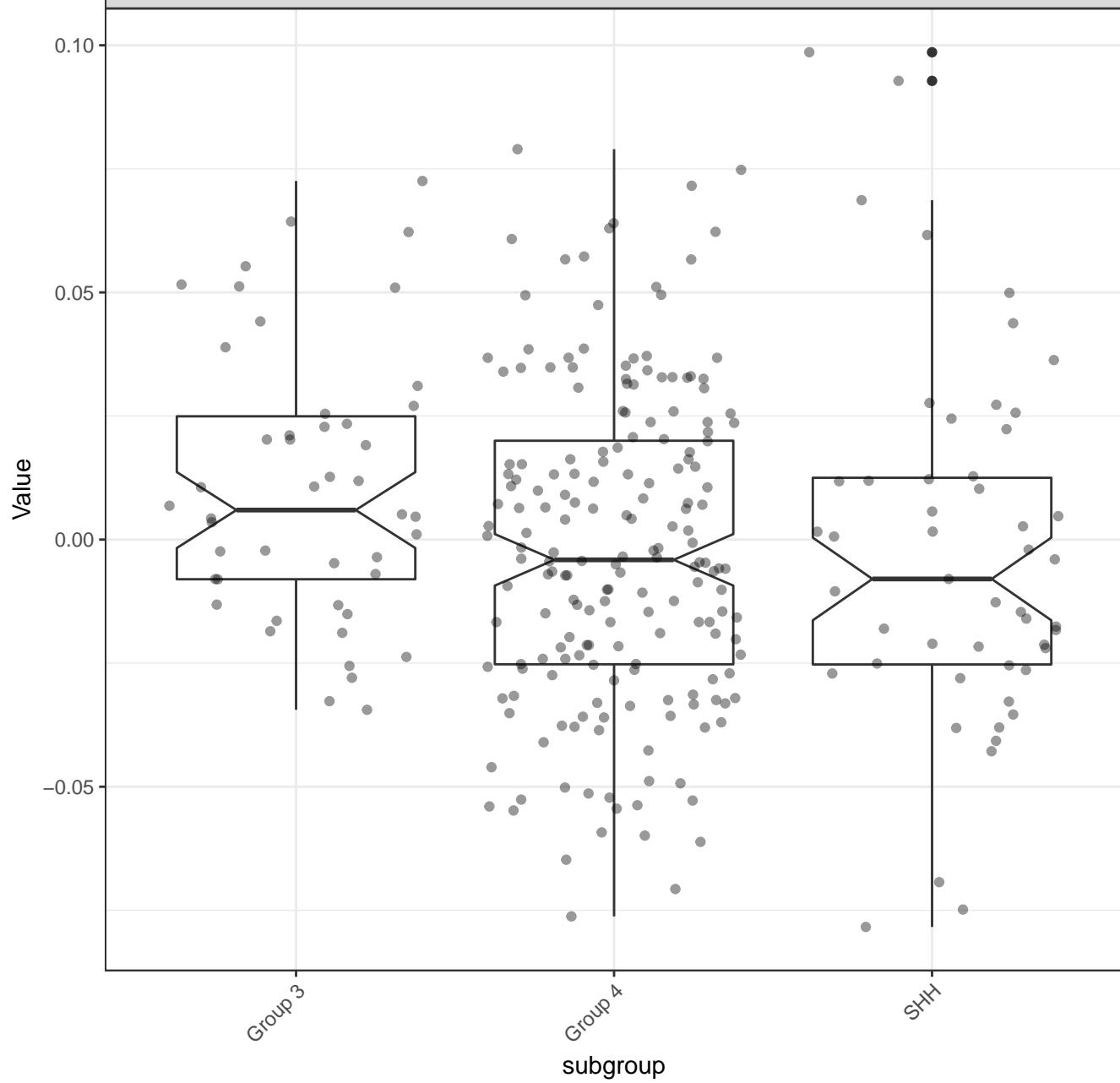
SHH

subgroup





LV 961



LV 962

Value

0.2

0.1

0.0

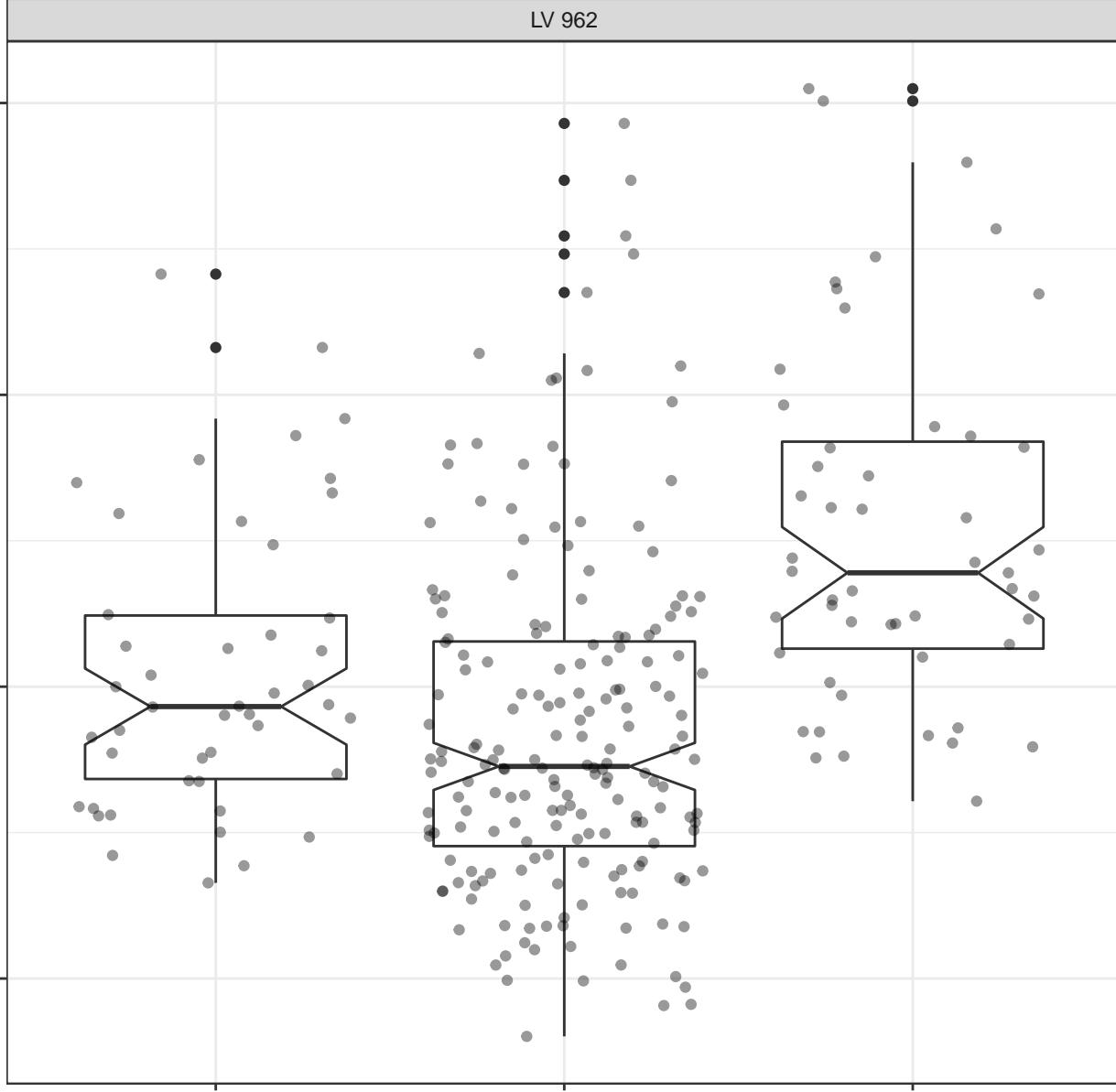
-0.1

Group 3

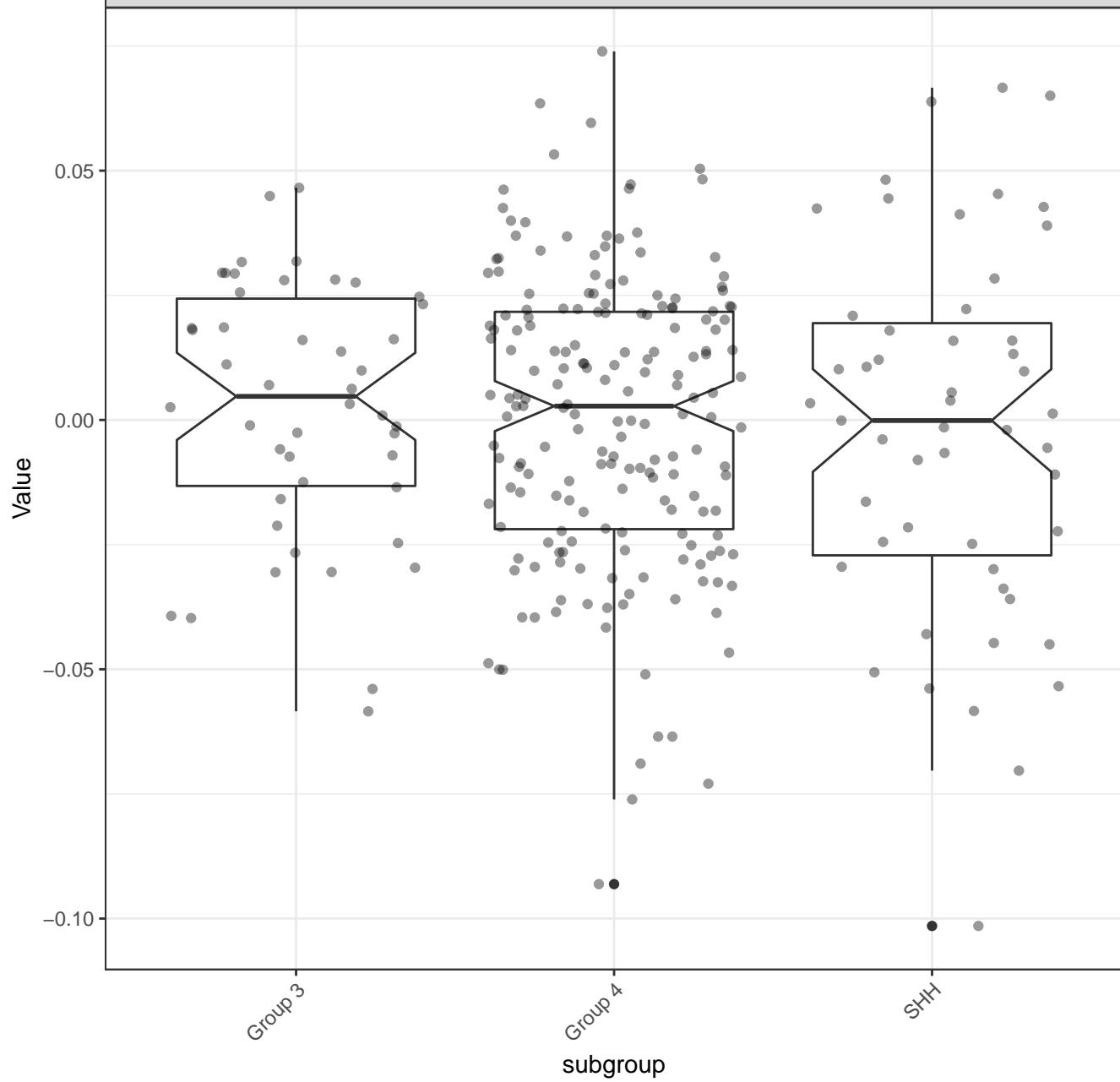
Group 4

SHH

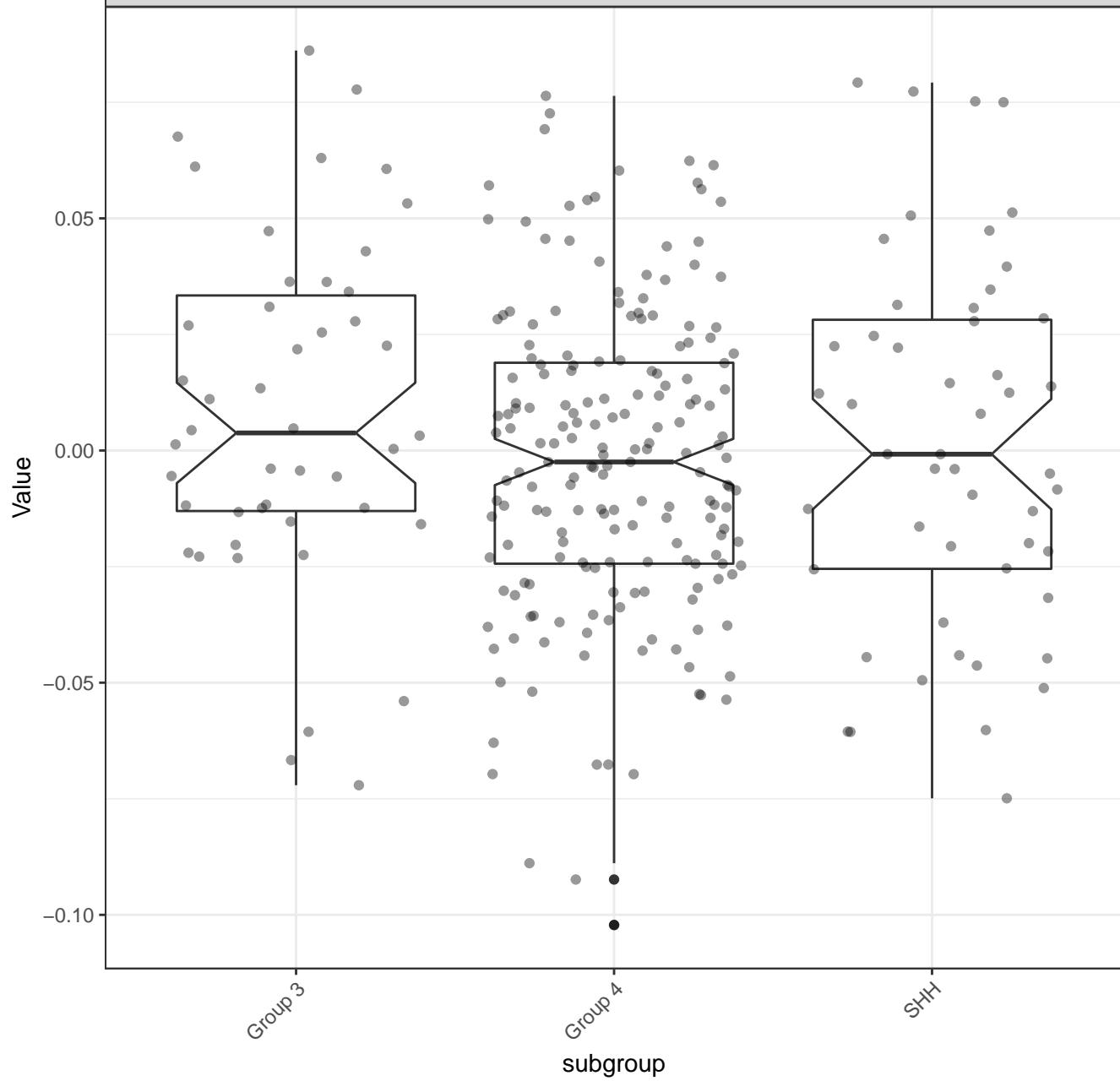
subgroup



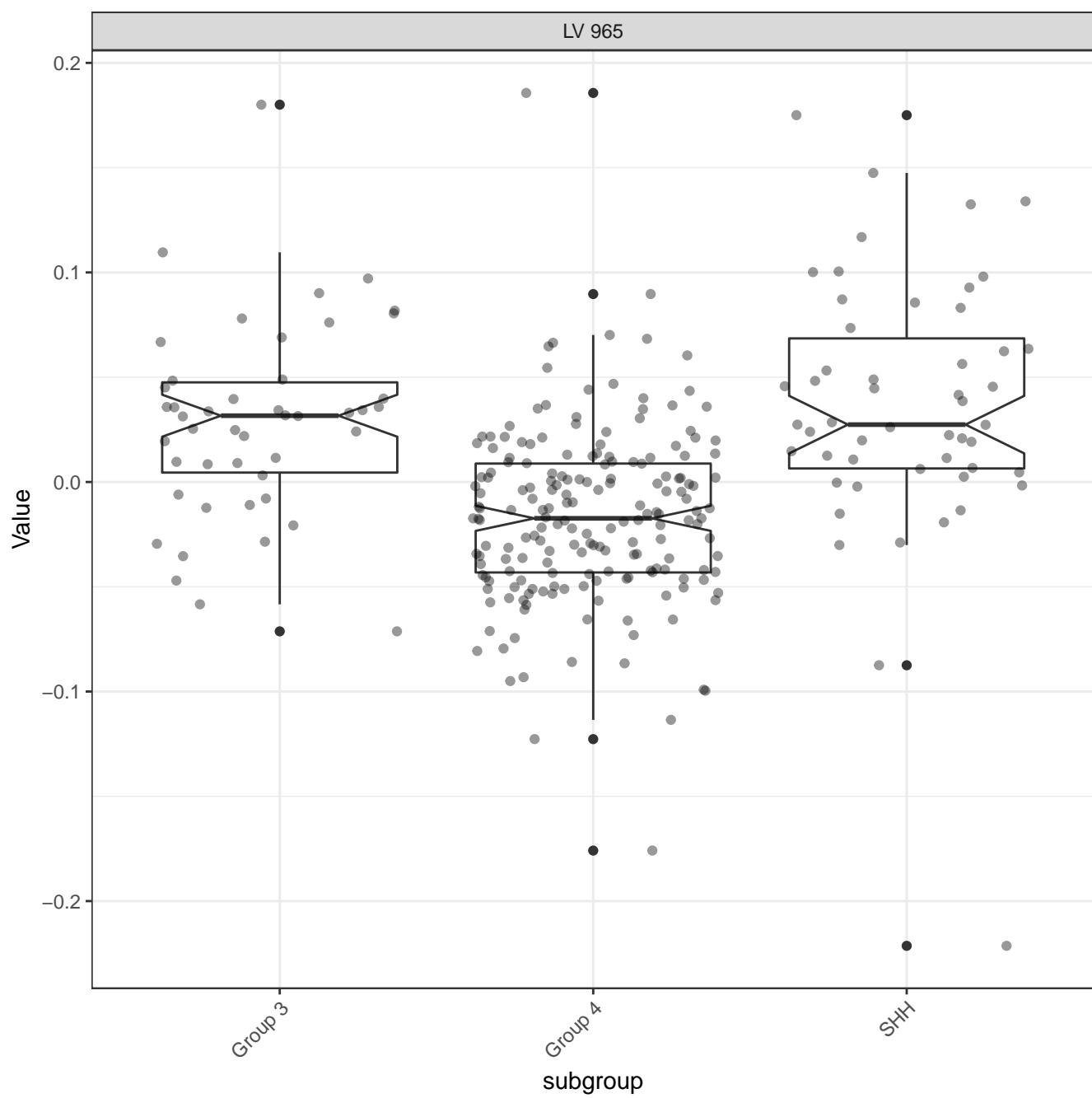
LV 963



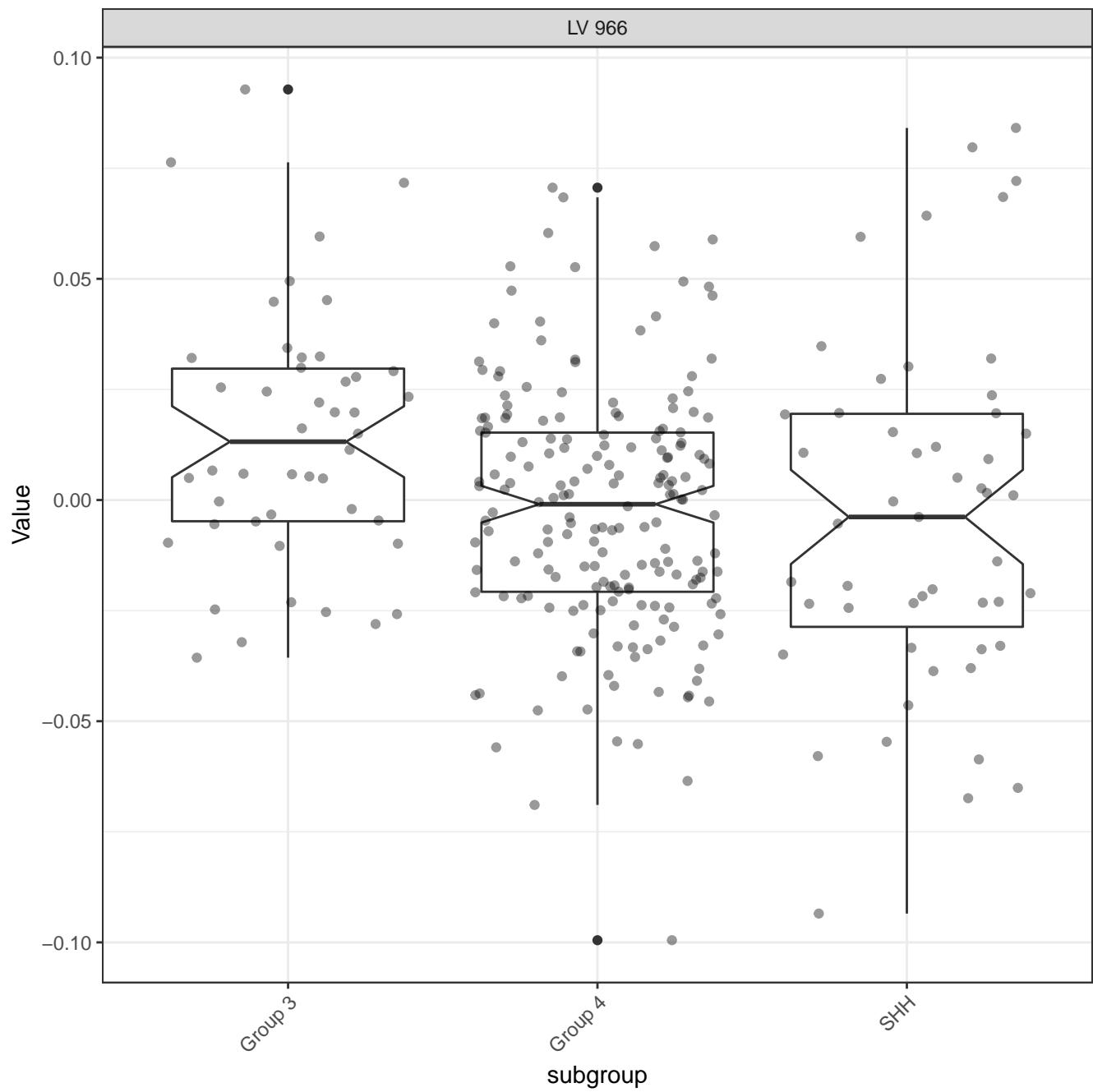
964,SVM T cells CD8



LV 965



LV 966



LV 967

Value

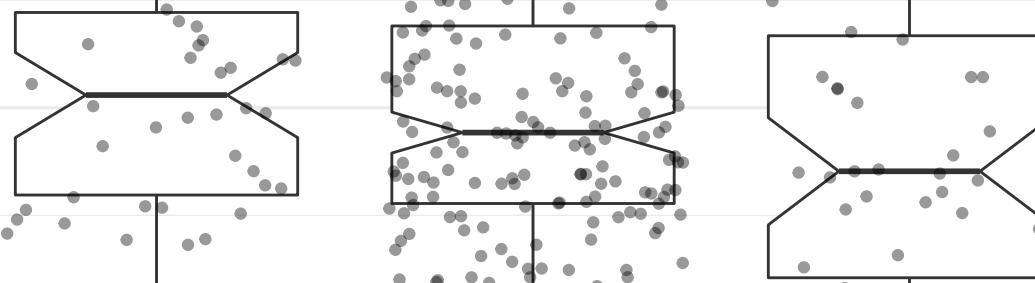
0.15
0.10
0.05
0.00
-0.05
-0.10

Group 3

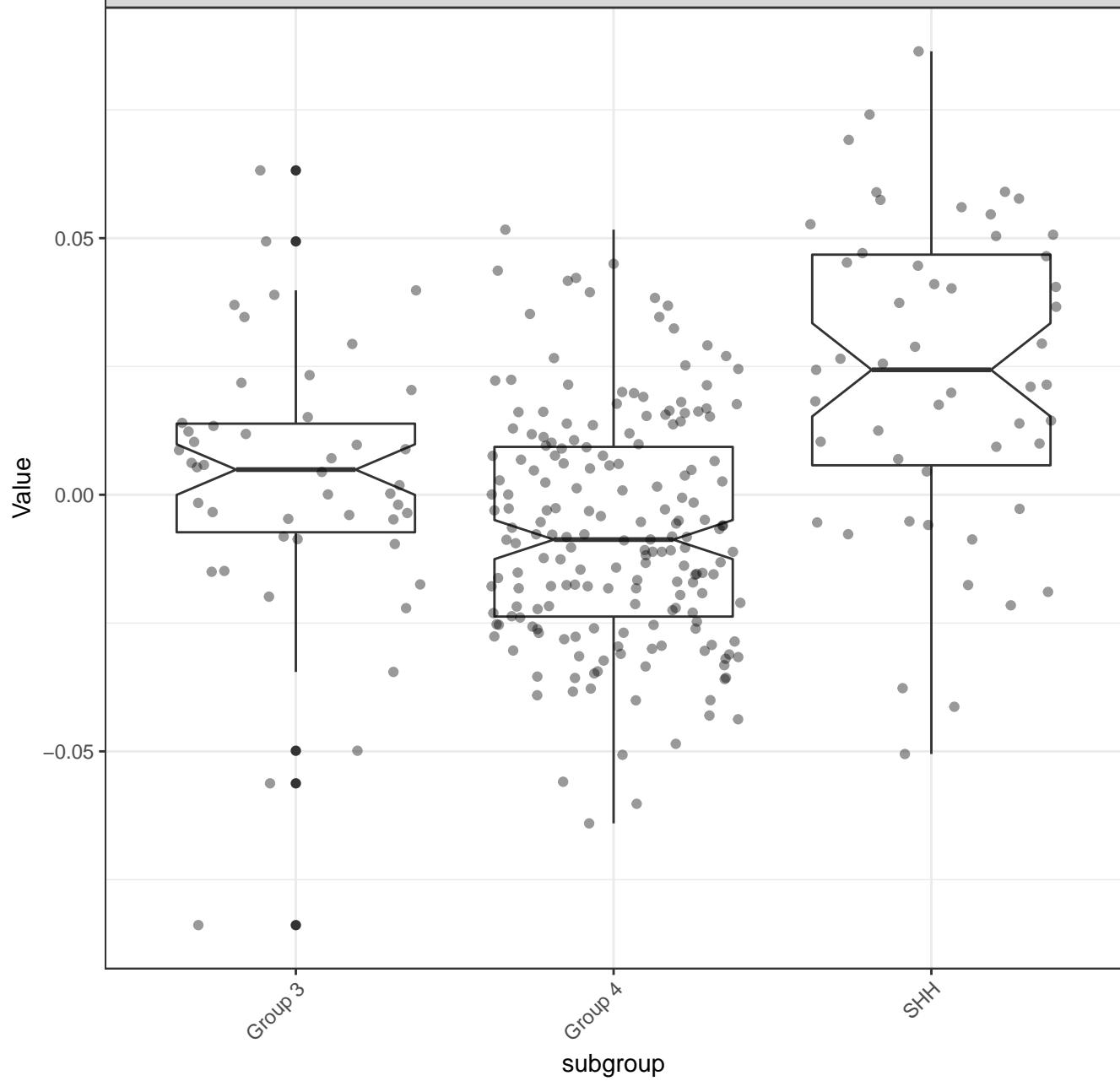
Group 4

SHH

subgroup



LV 968



LV 969

Value

0.10

0.05

0.00

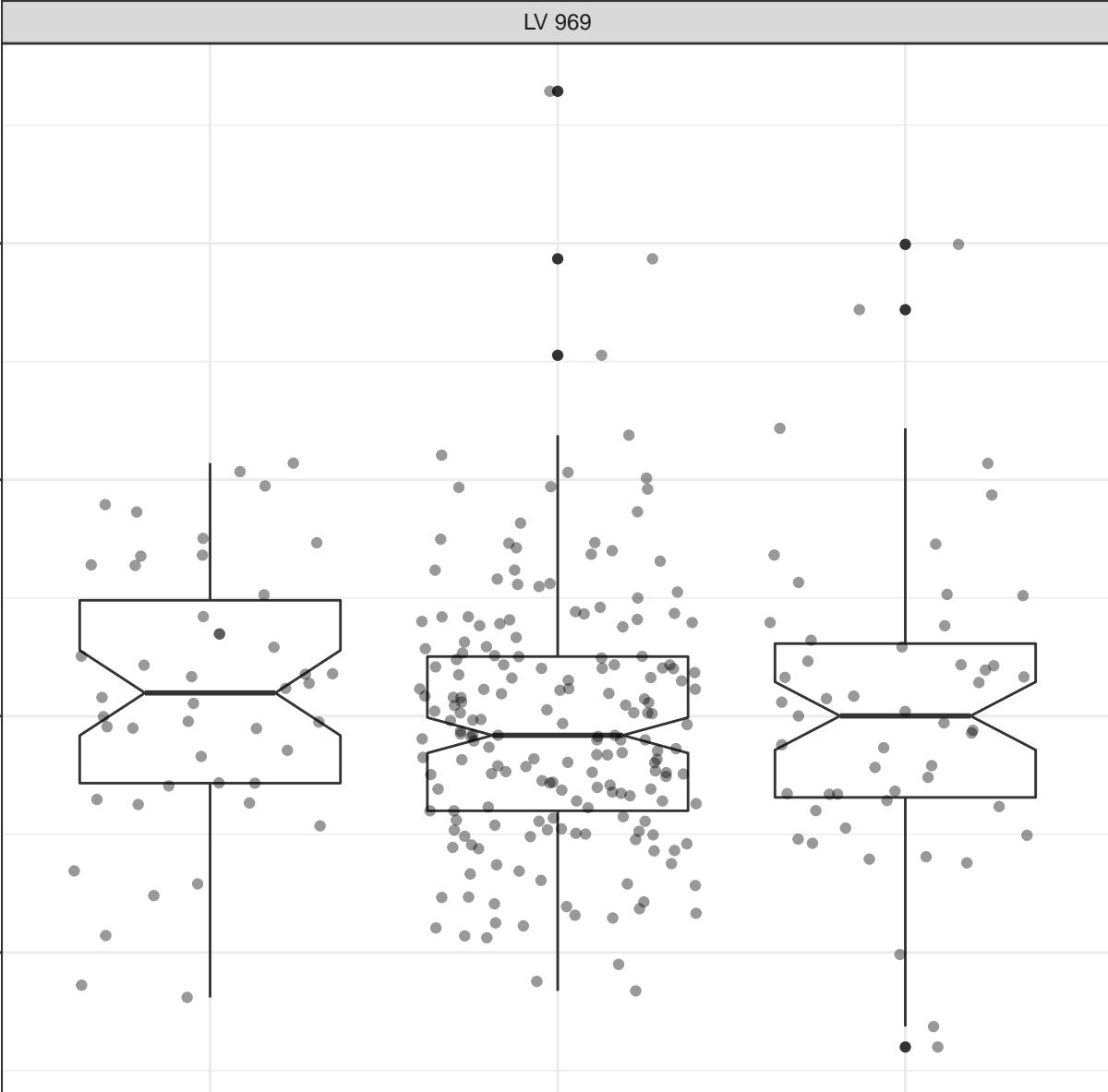
-0.05

Group 3

subgroup

Group 4

SHH



LV 970

Value

0.10

0.05

0.00

-0.05

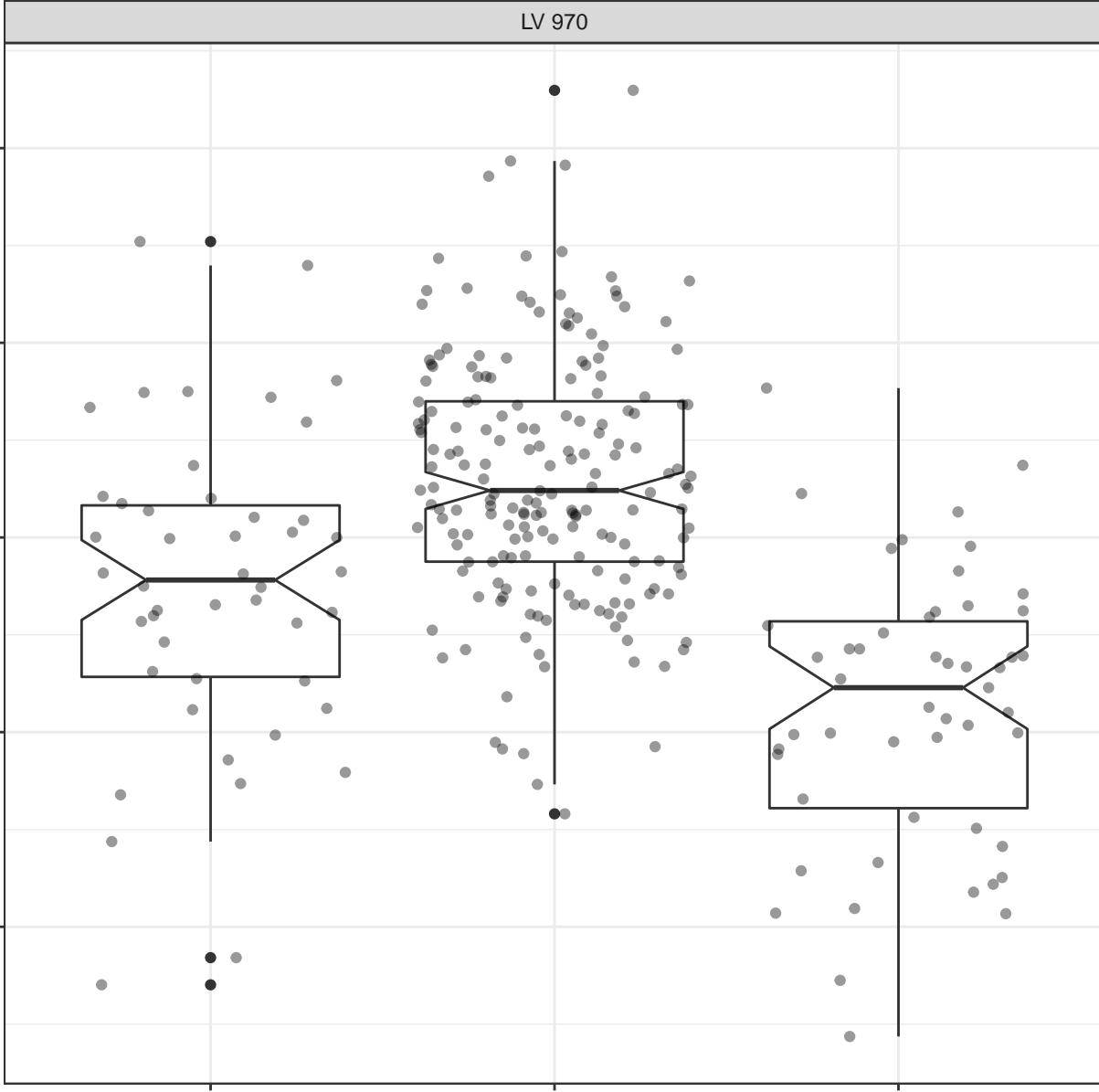
-0.10

Group 3

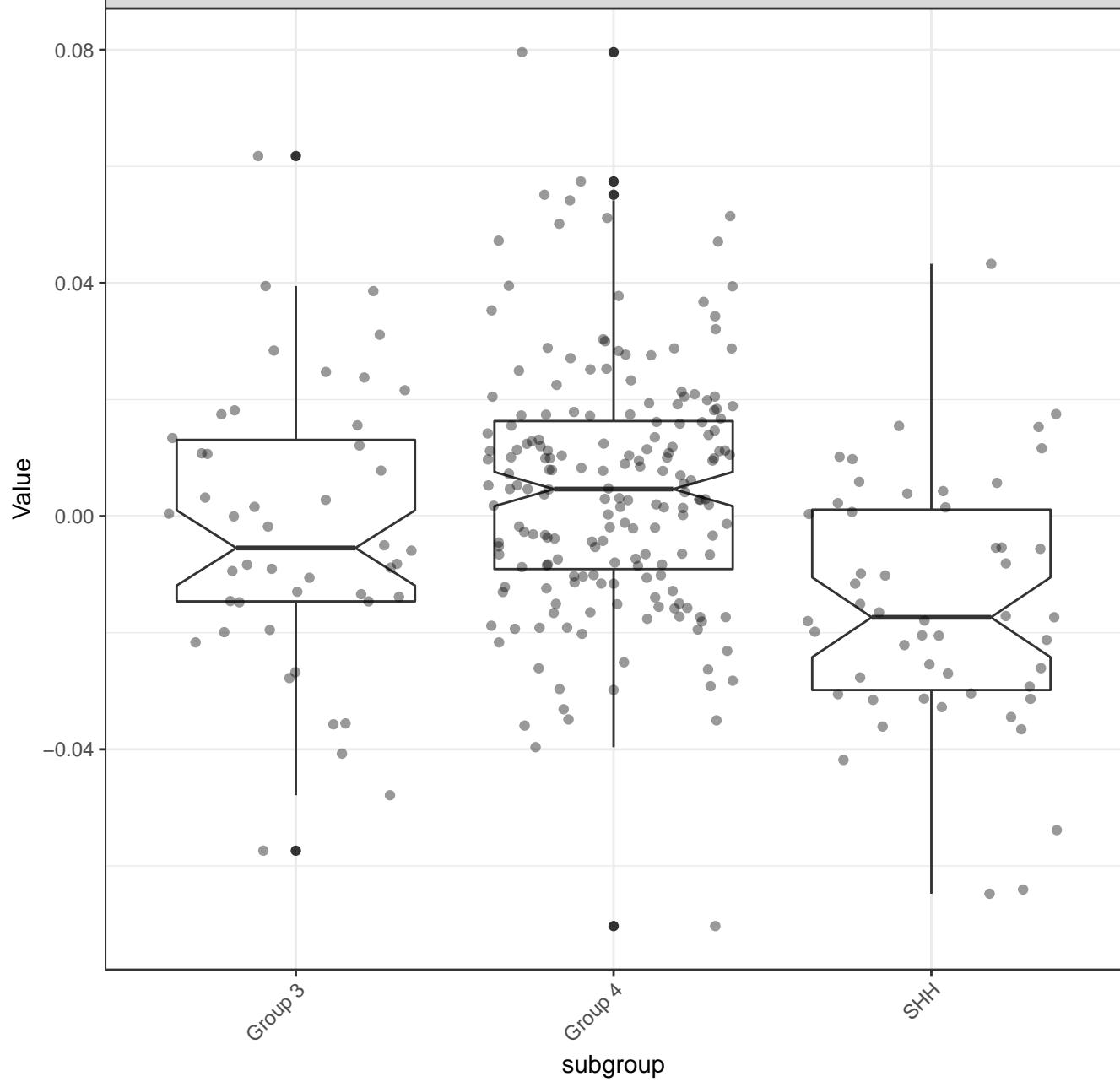
subgroup

Group 4

SHH



LV 971



LV 972

Value

0.10

0.05

0.00

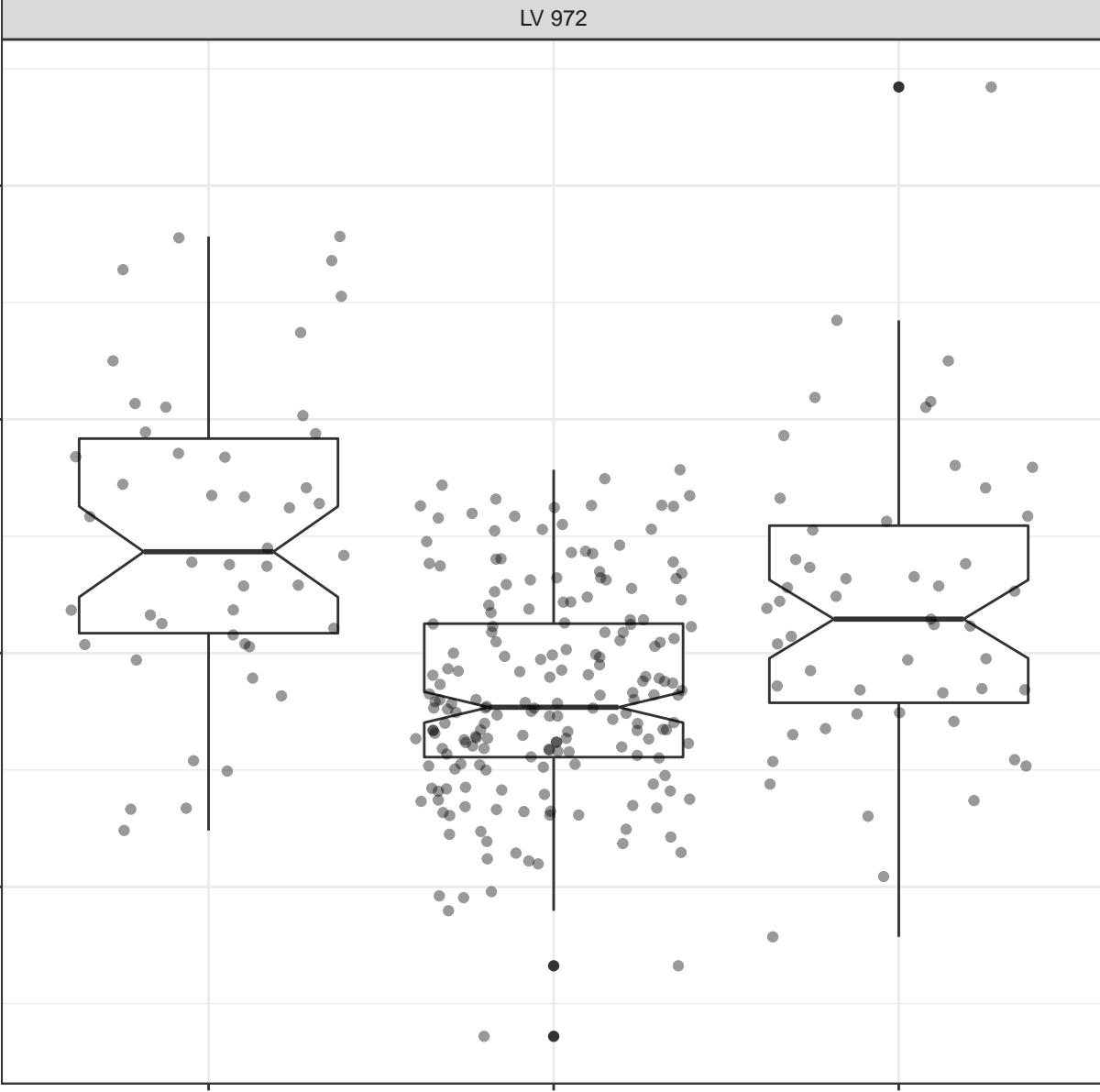
-0.05

Group 3

subgroup

Group 4

SHH



LV 973

Value

0.05

0.00

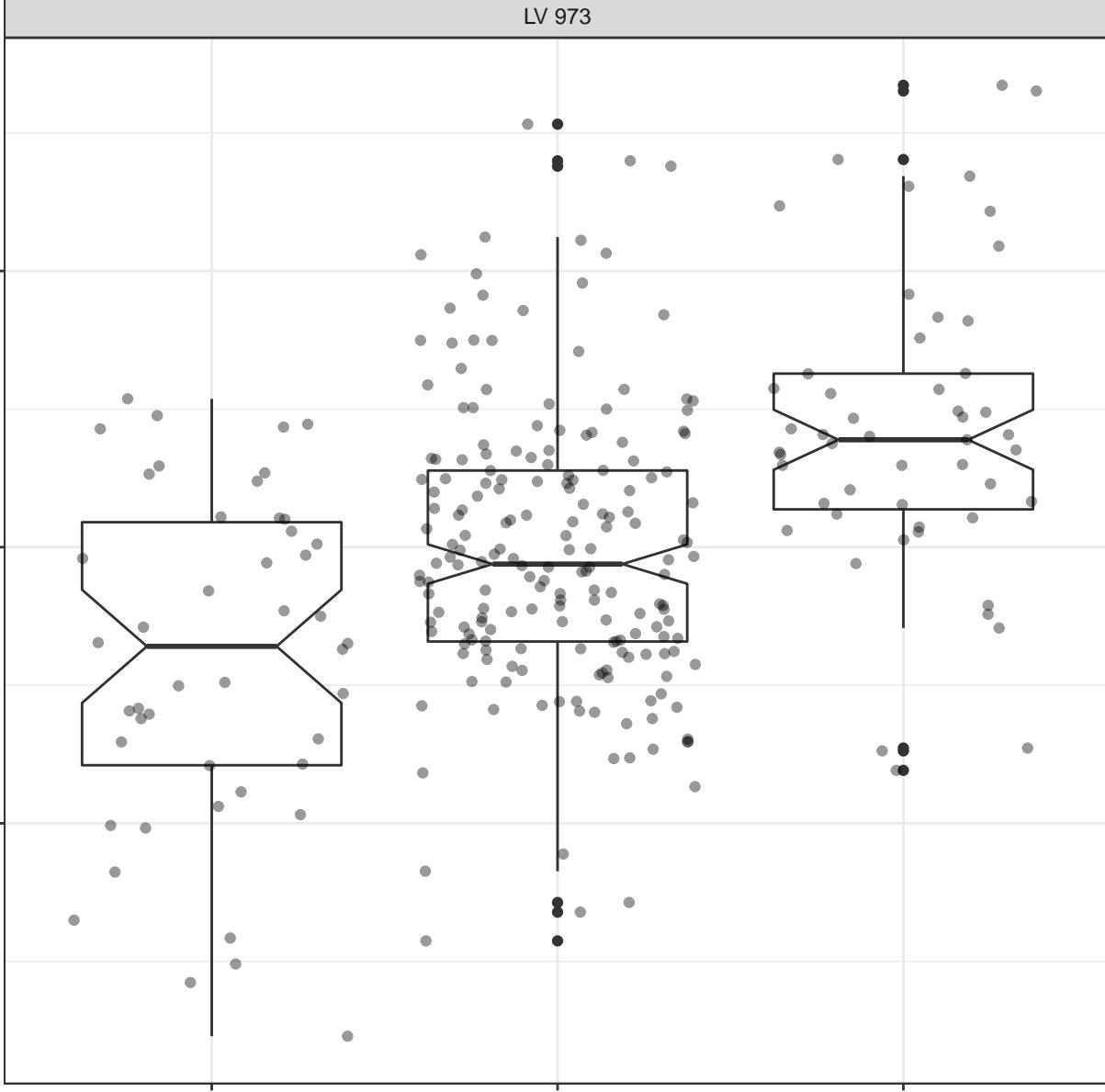
-0.05

Group 3

subgroup

Group 4

SHH



LV 974

Value

0.2

0.1

0.0

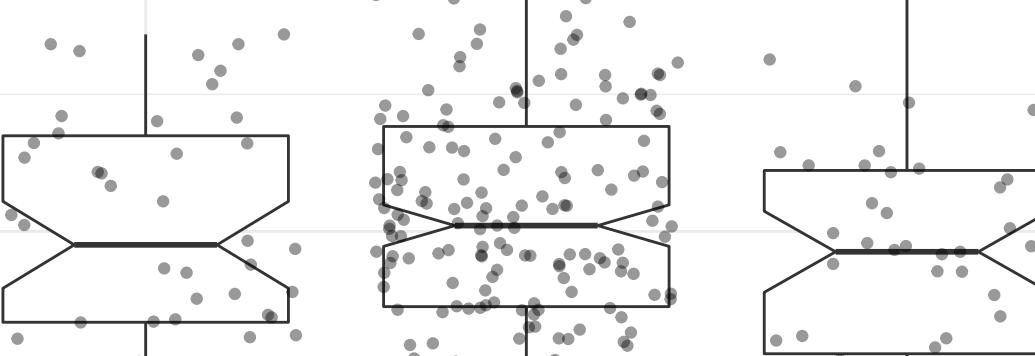
-0.1

Group³

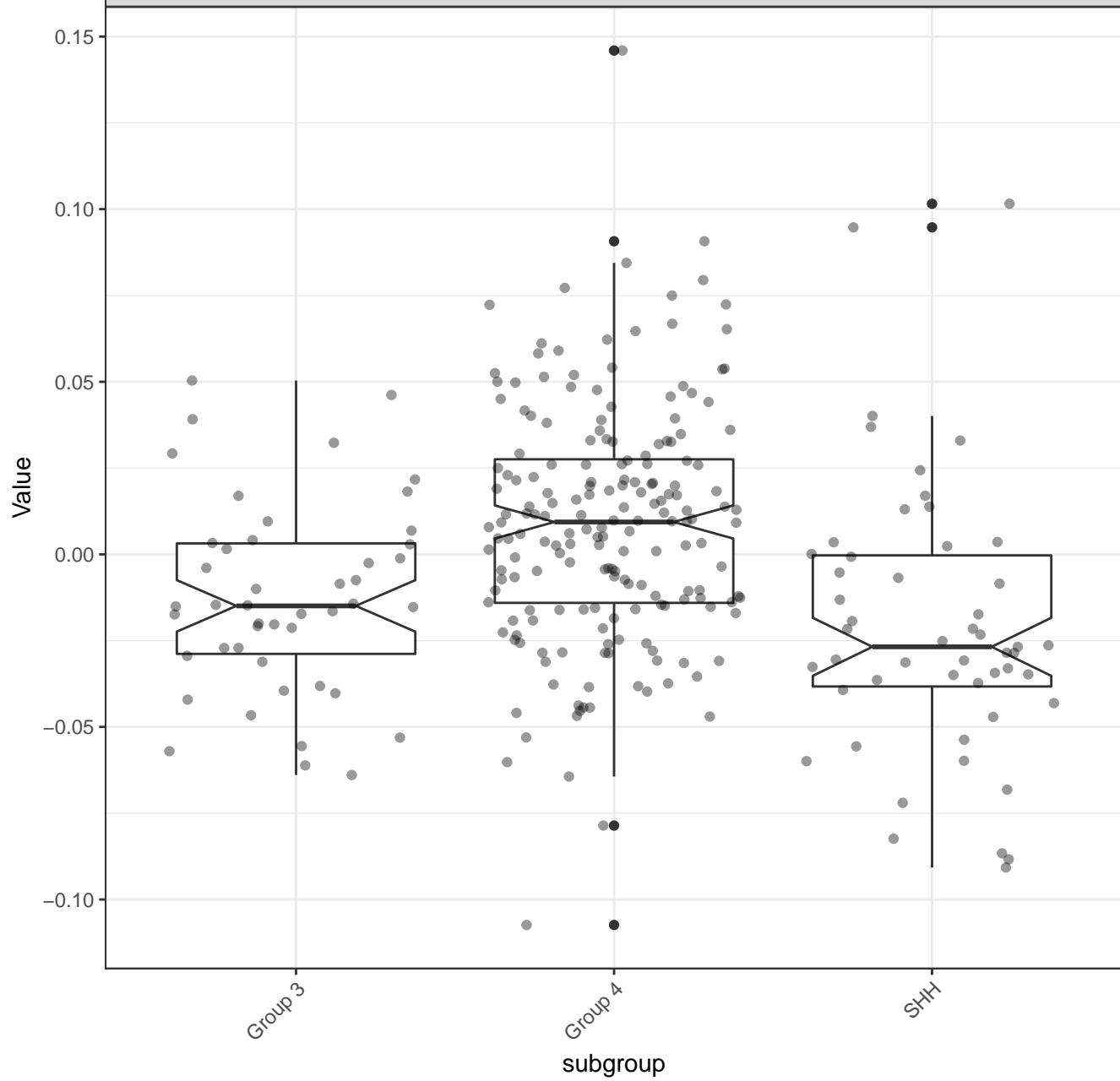
Group⁴

SHH

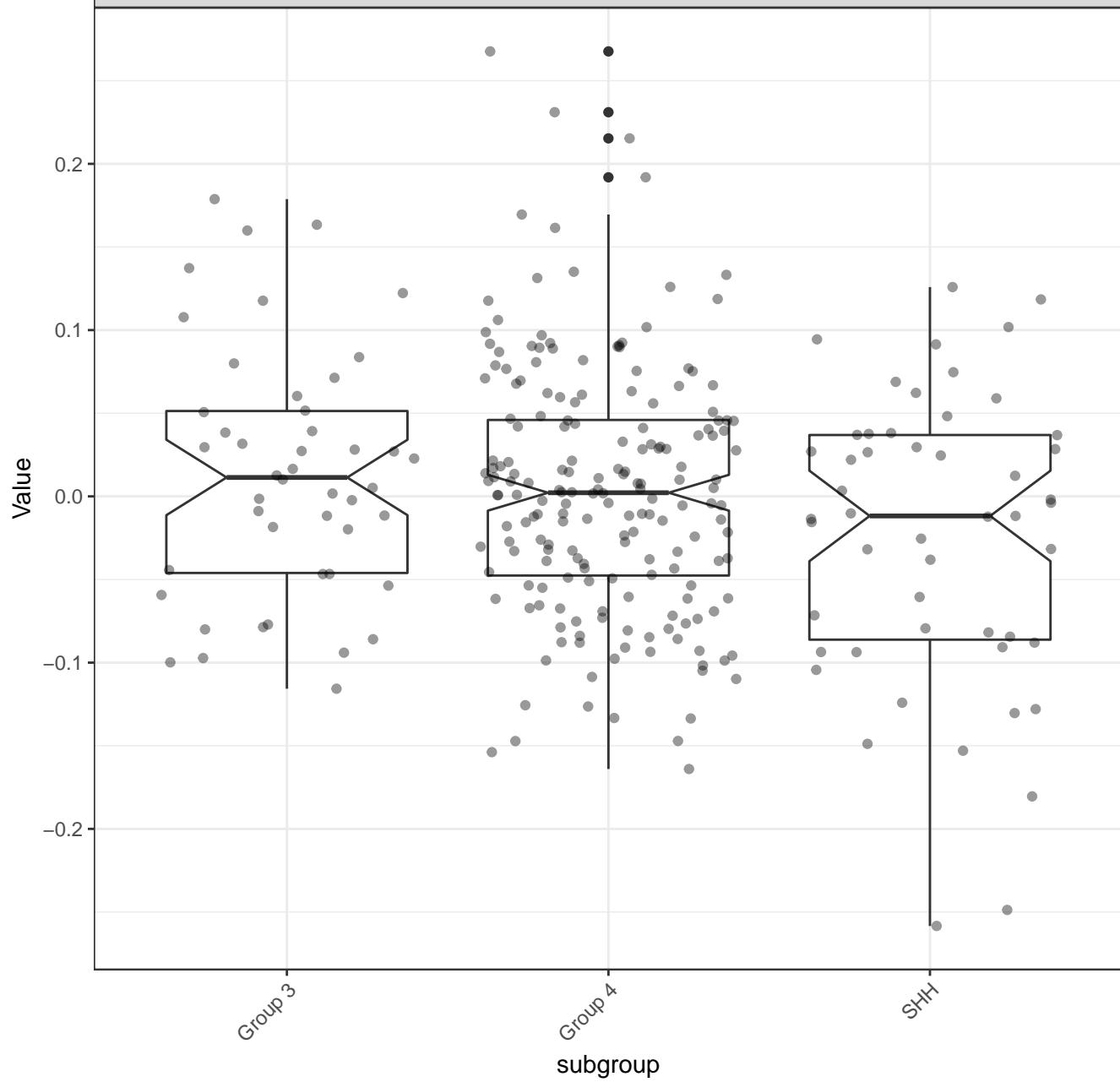
subgroup



975,SVM T cells CD4 memory resting



LV 976



977,SVM B cells naive

Value

0.3

0.2

0.1

0.0

-0.1

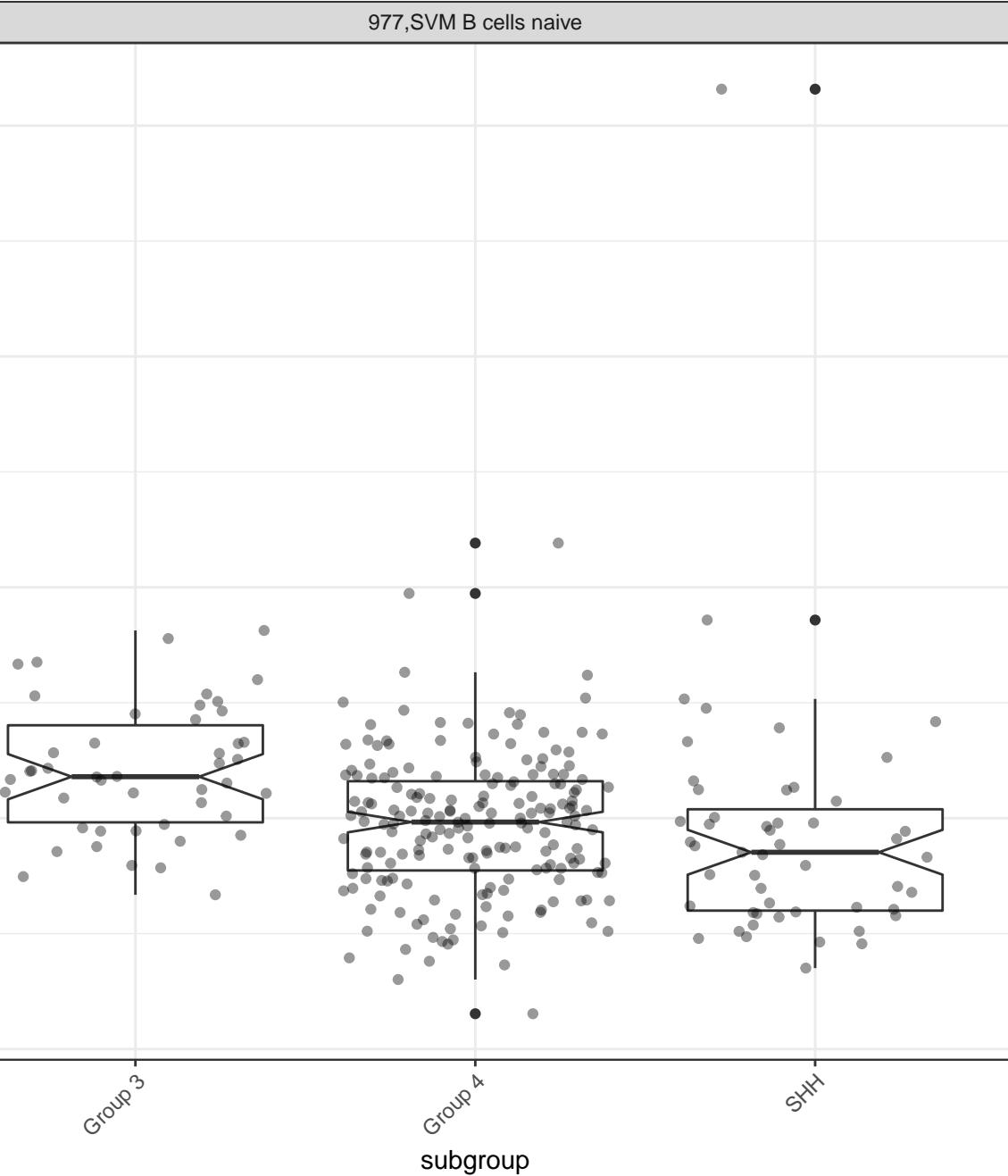
Group 3

subgroup

SHH

Group 4

The plot shows three groups of data points (Group 3, Group 4, SHH) with overlaid box plots. The y-axis ranges from -0.1 to 0.3. Group 3 has a median around 0.02, Group 4 around -0.02, and SHH around -0.02. Outliers are present in all groups, notably in Group 3 and SHH.



LV 978

Value

0.05

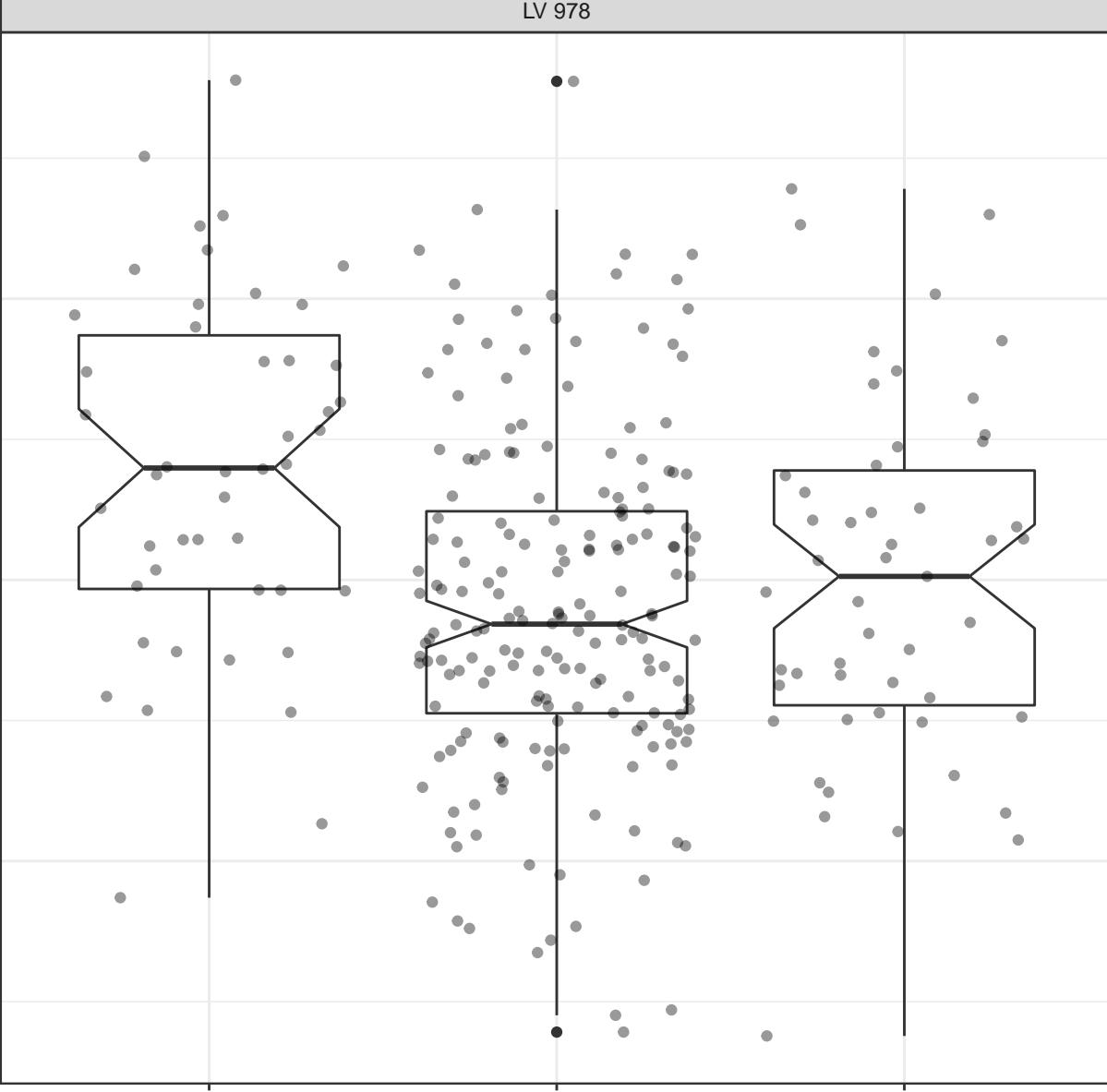
0.00

-0.05

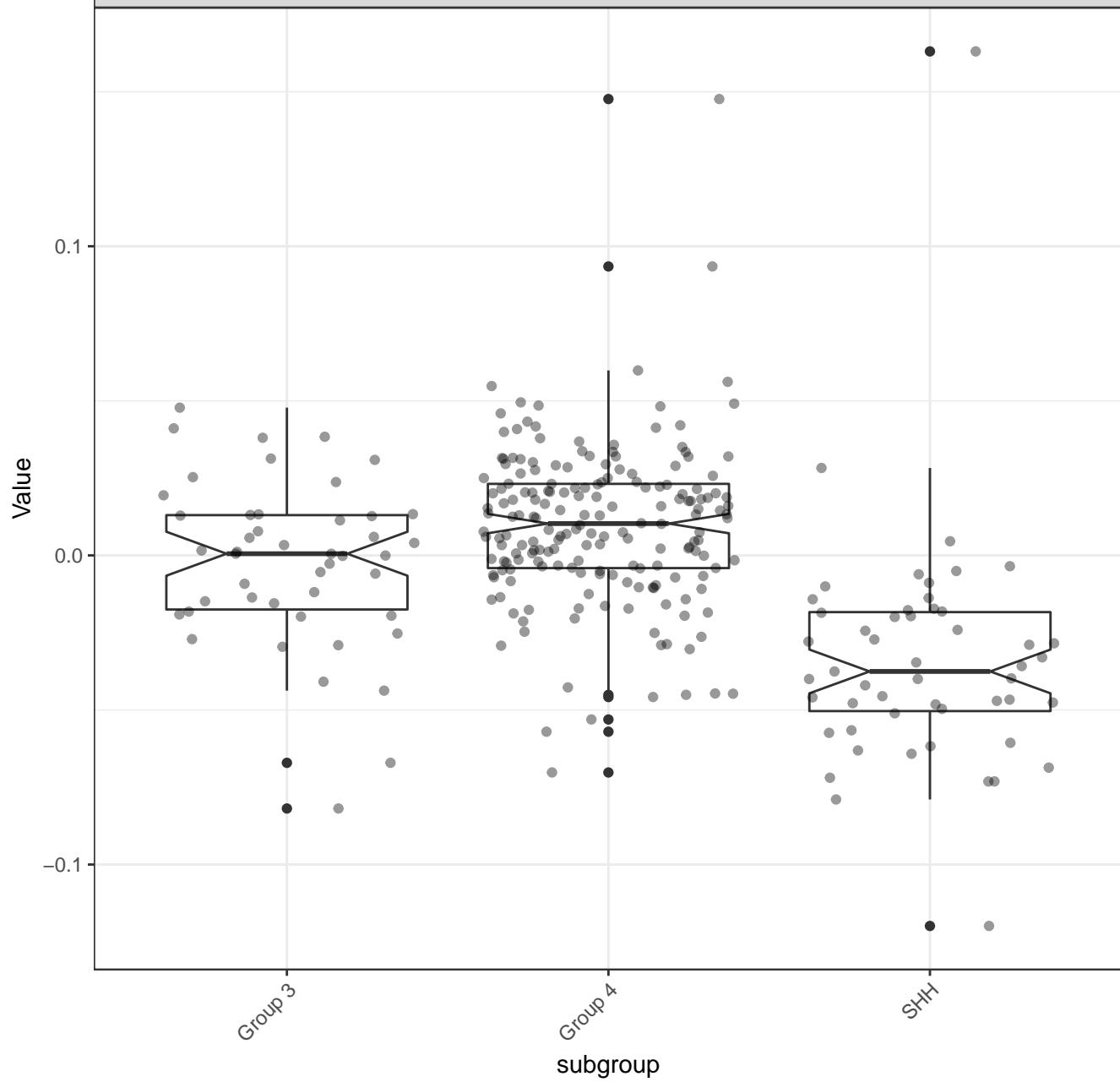
Group 3

subgroup

SHH



LV 979



LV 980

Value

0.08

0.04

0.00

-0.04

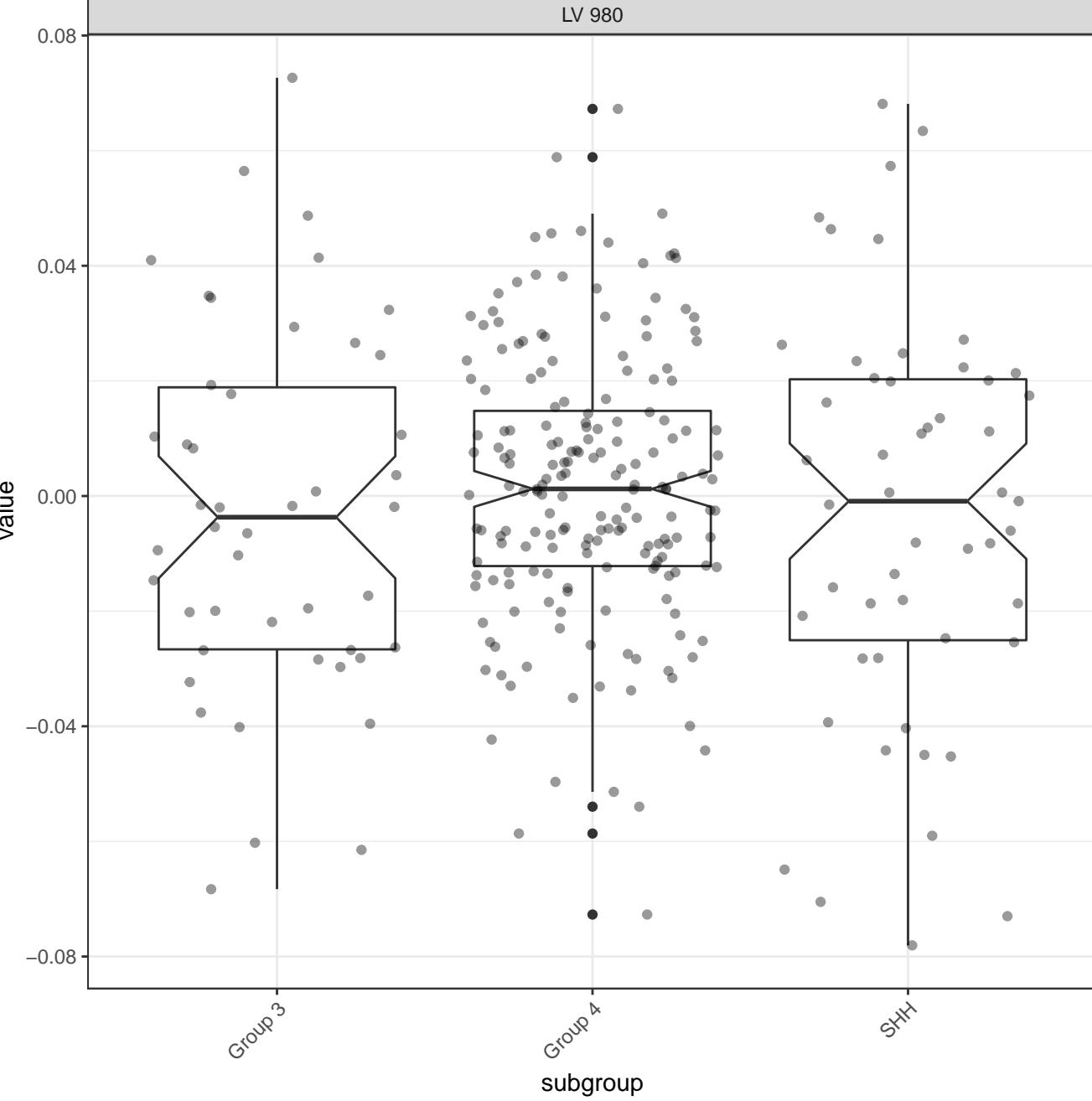
-0.08

Group 3

subgroup

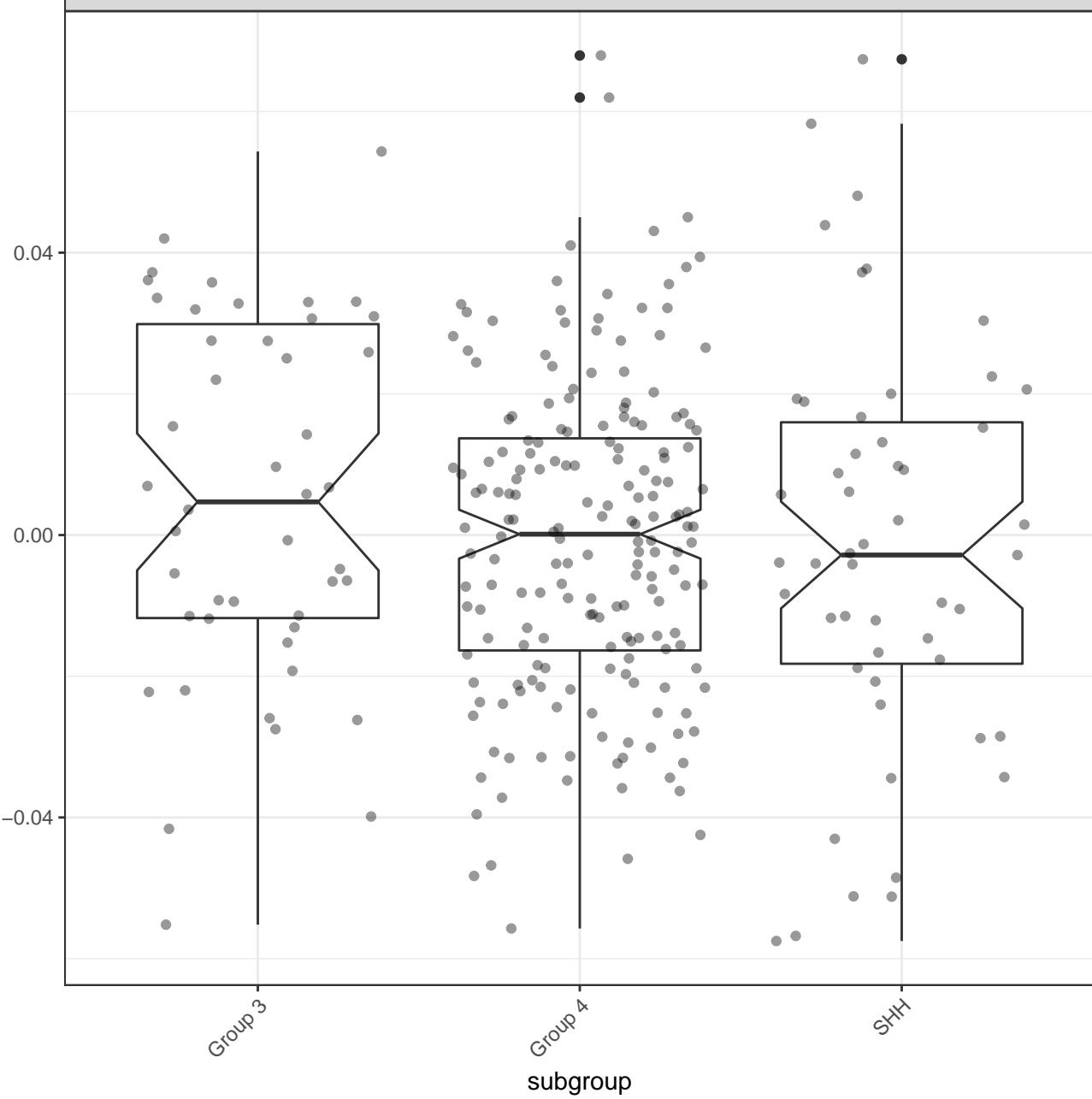
Group 4

SHH



LV 981

Value



LV 982

Value

0.05

0.00

-0.05

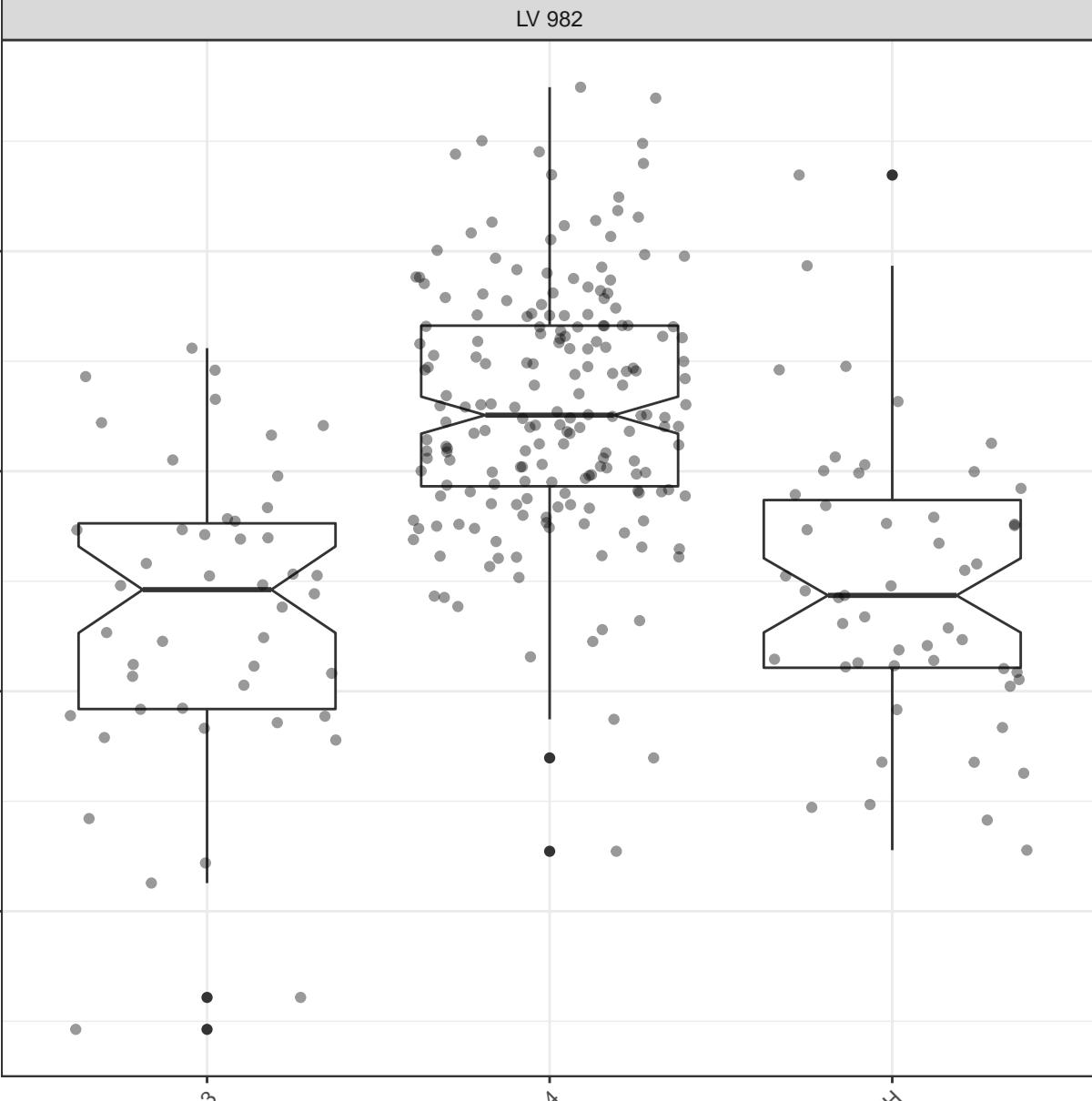
-0.10

Group 3

subgroup

Group 4

SHH



LV 983

Value

0.05

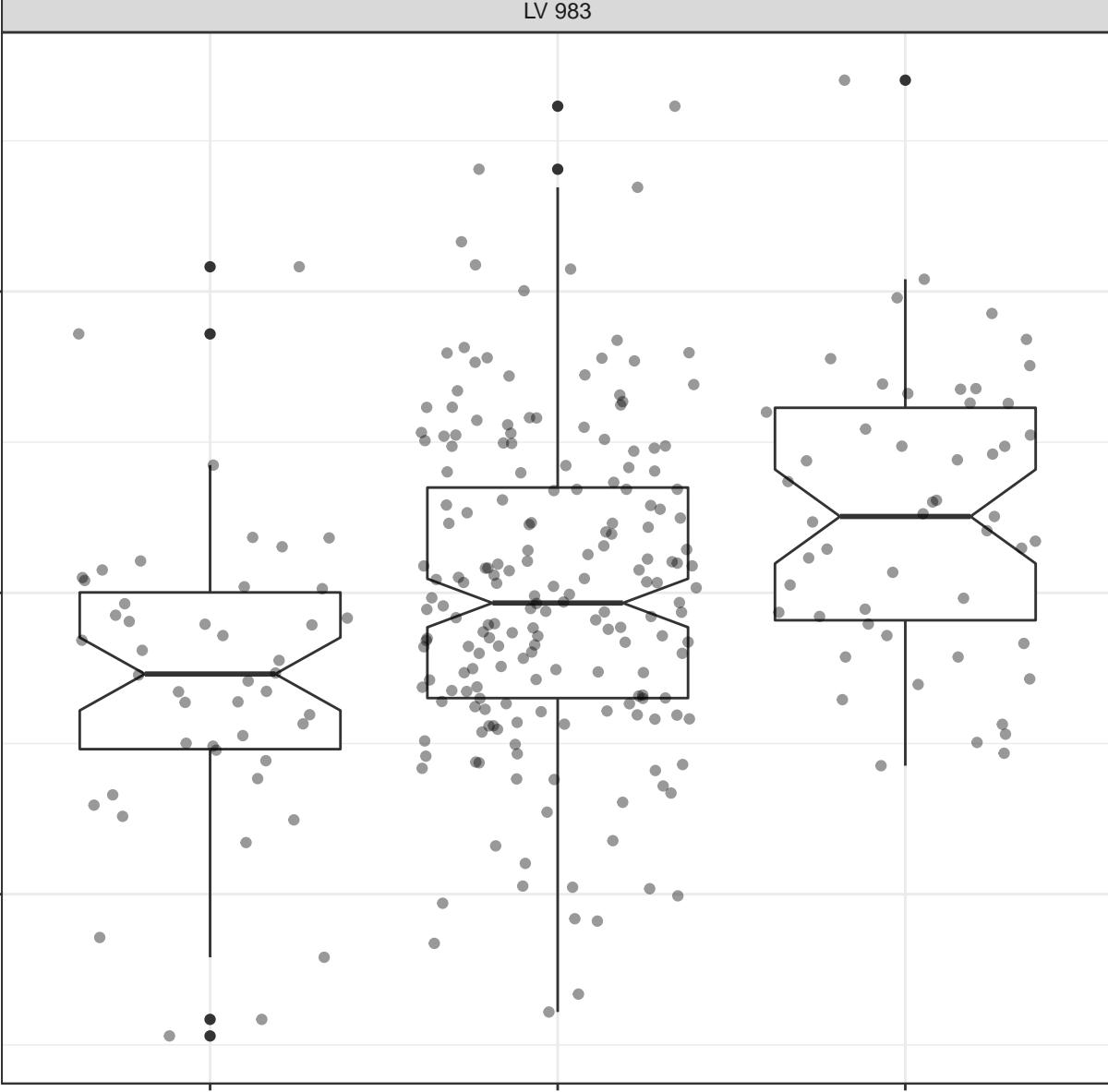
0.01

-0.05

Group 3

subgroup

SHH



LV 984

Value

0.25

0.00

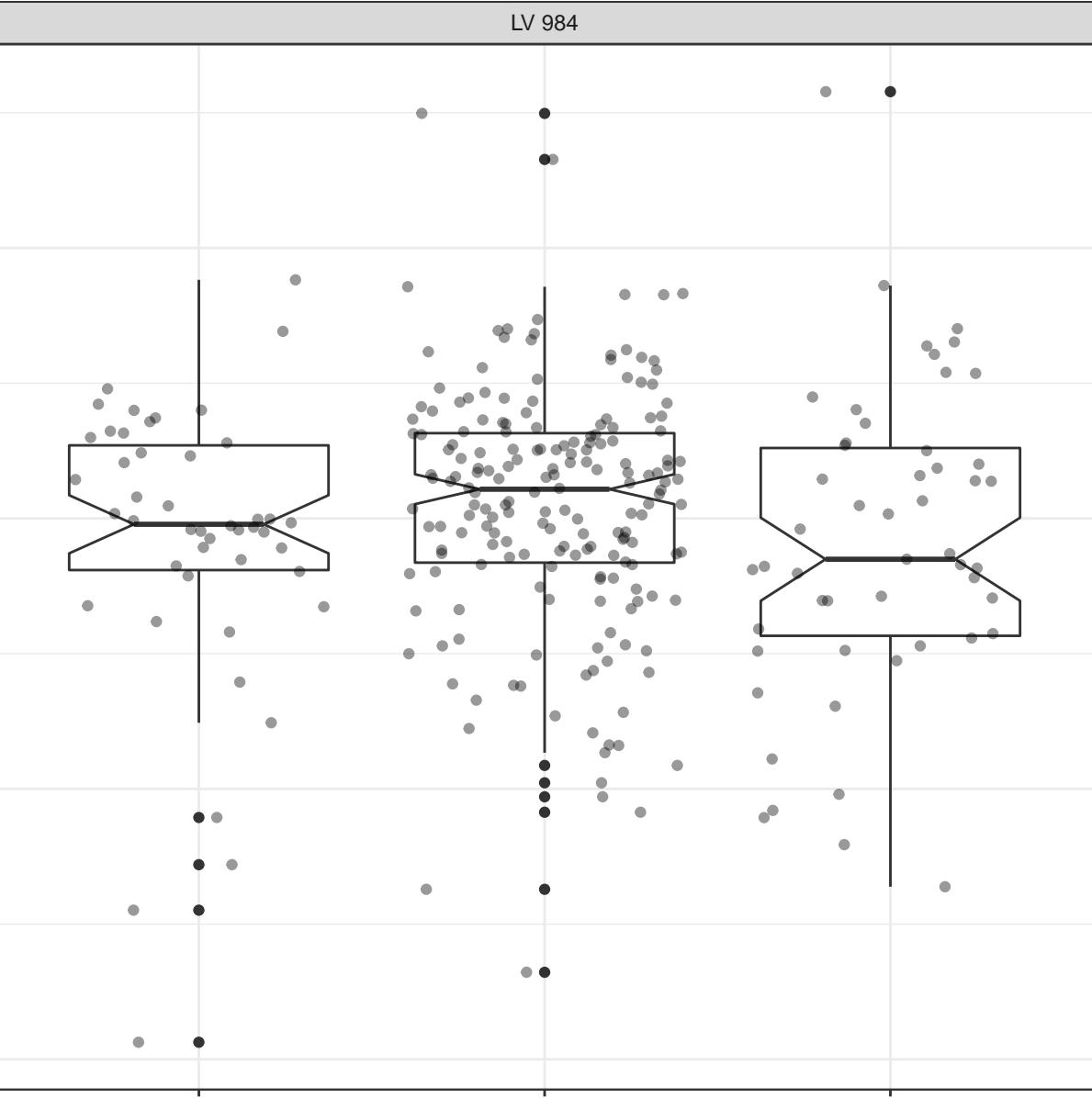
-0.25

-0.50

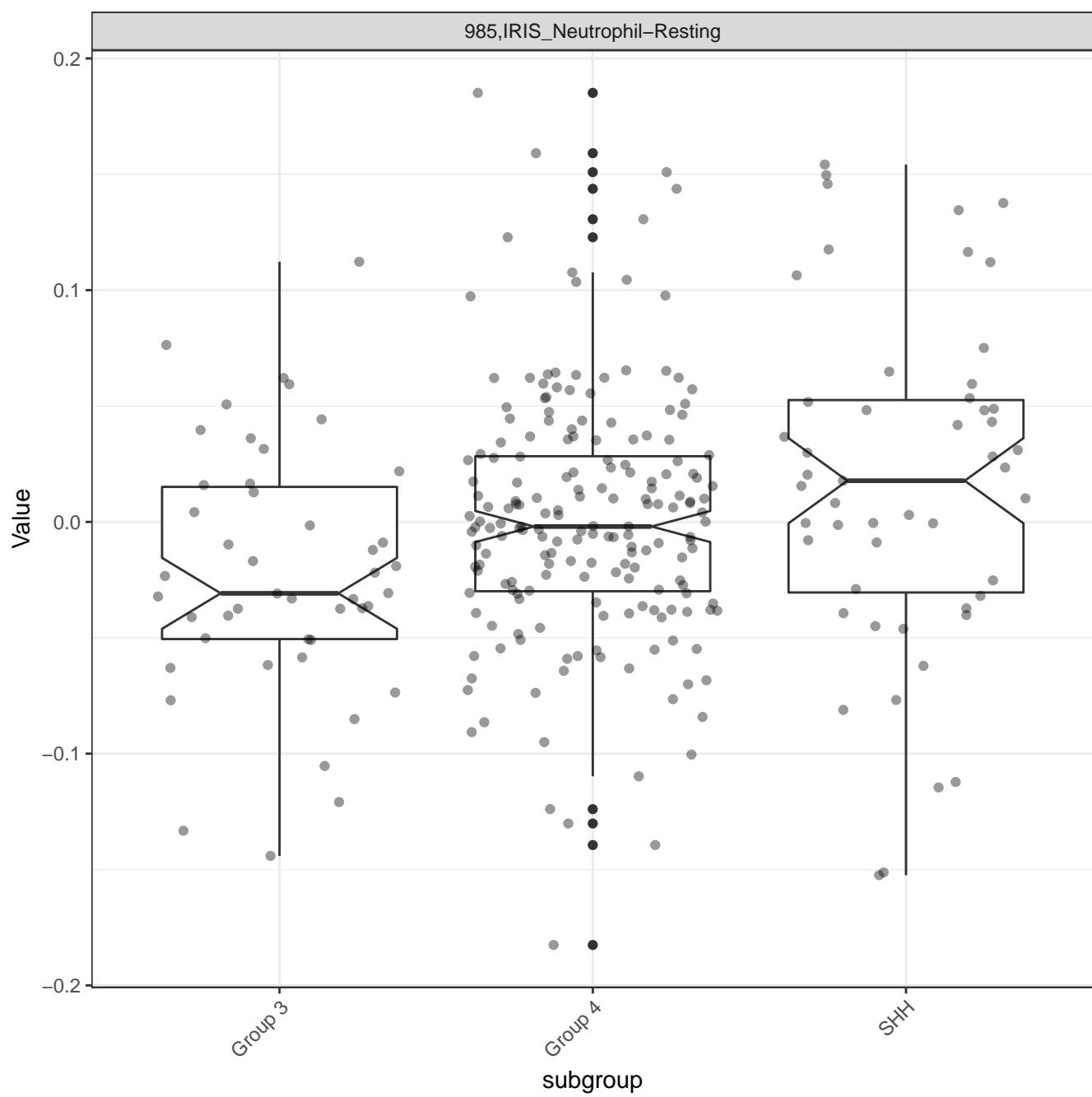
Group 3

subgroup

SHH



985,IRIS_Neutrophil–Resting



LV 986

Value

0.2

0.1

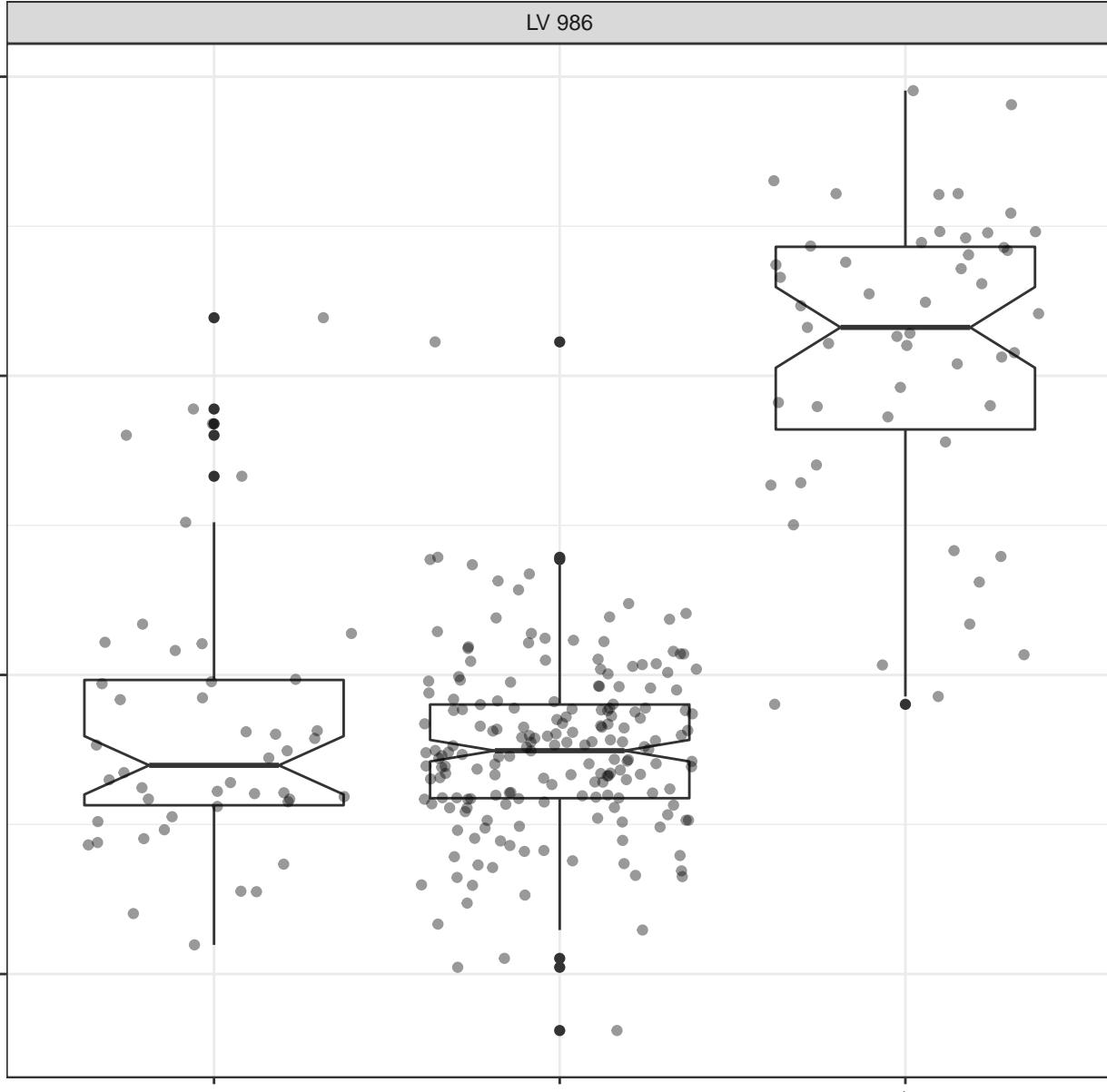
0.0

-0.1

Group 3

subgroup

SHH



LV 987

Value

