

1,REACTOME_MRNA_SPLICING

Value

0.3

0.2

0.1

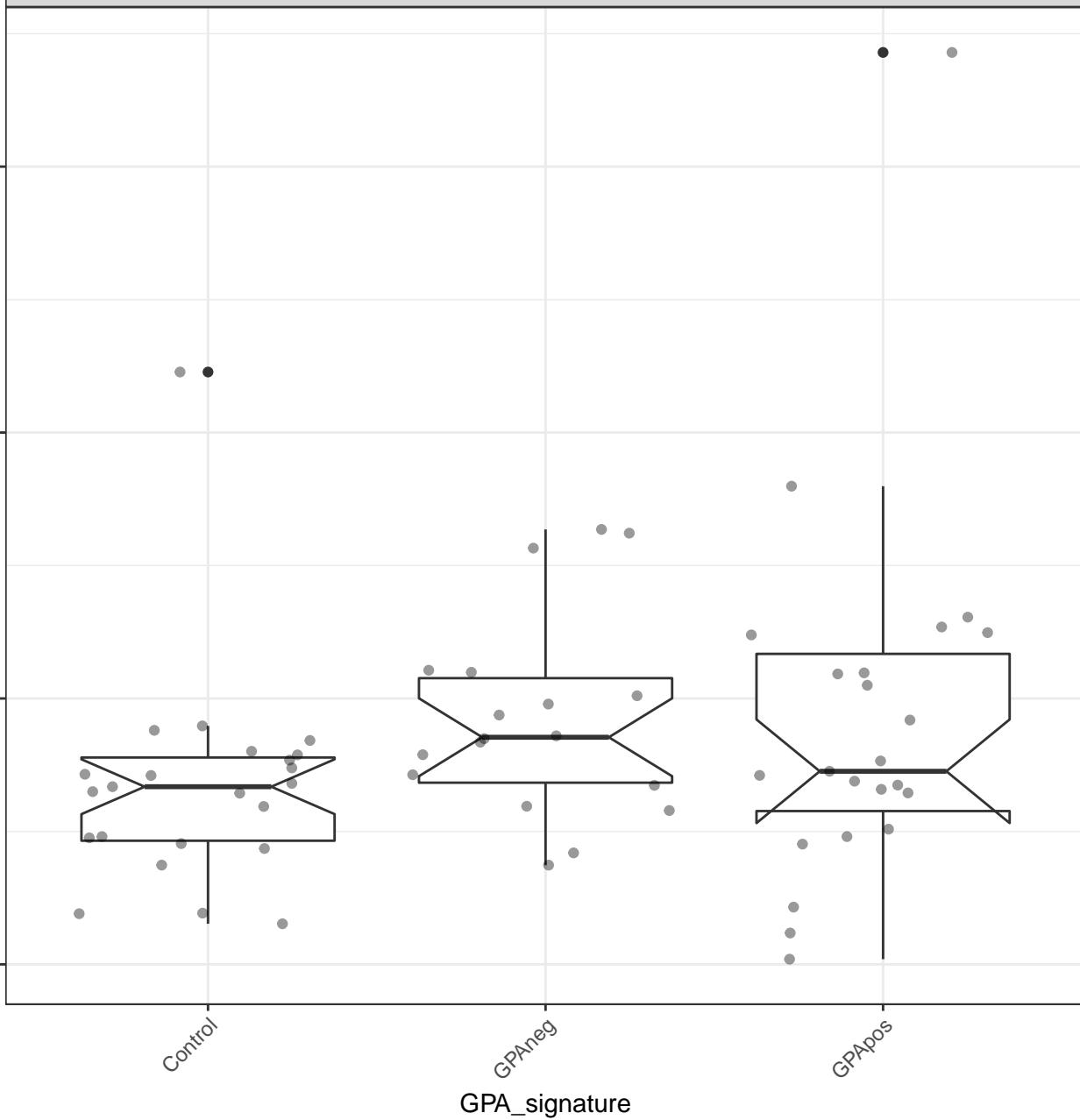
0.0

Control

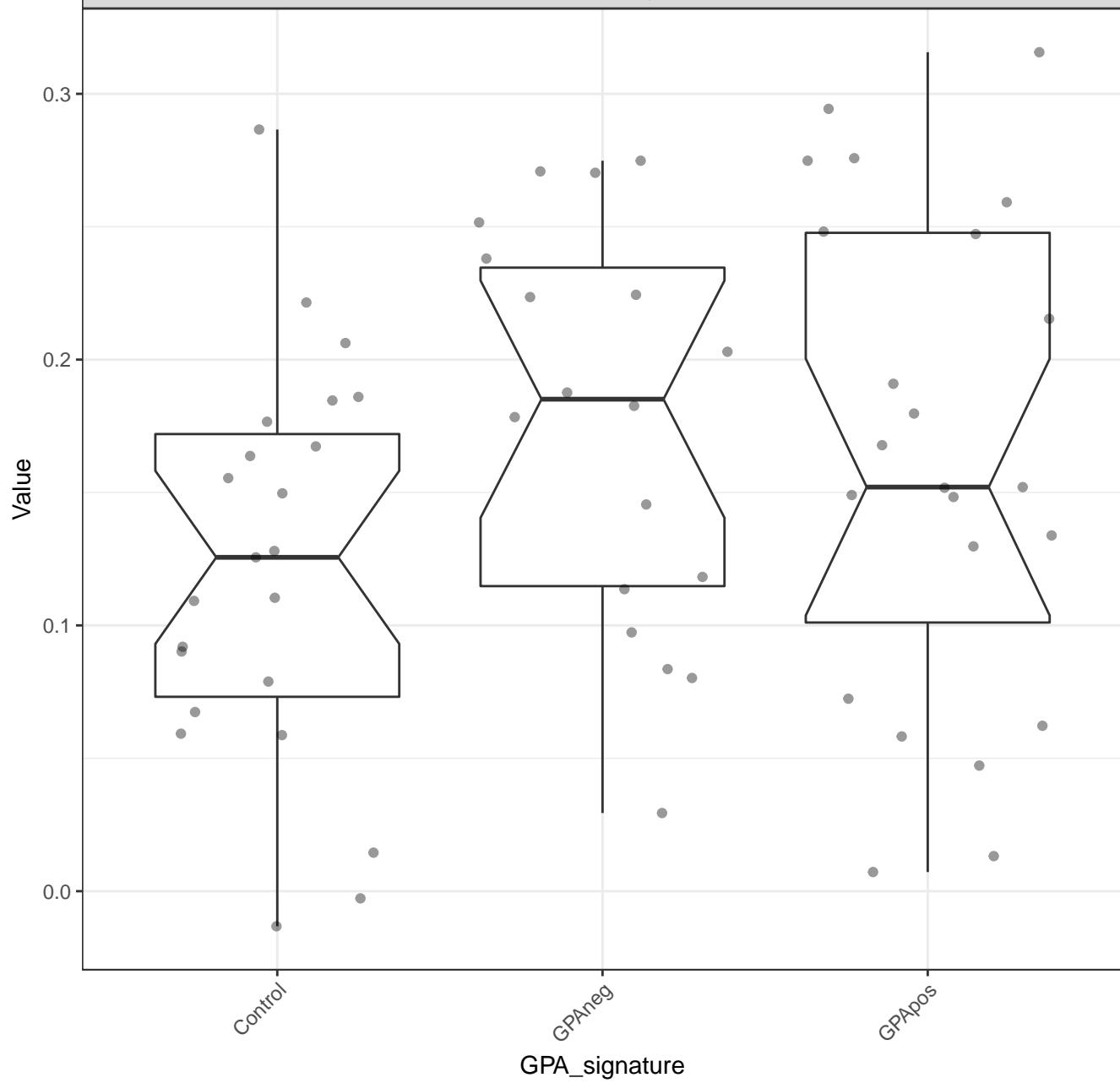
GPA_signature

GPAneg

GPAPos



2,SVM Monocytes



3,REACTOME_TRANSMISSION_ACROSS_CHEMICAL_SYNAPSES

Value

0.05

0.00

-0.05

-0.10

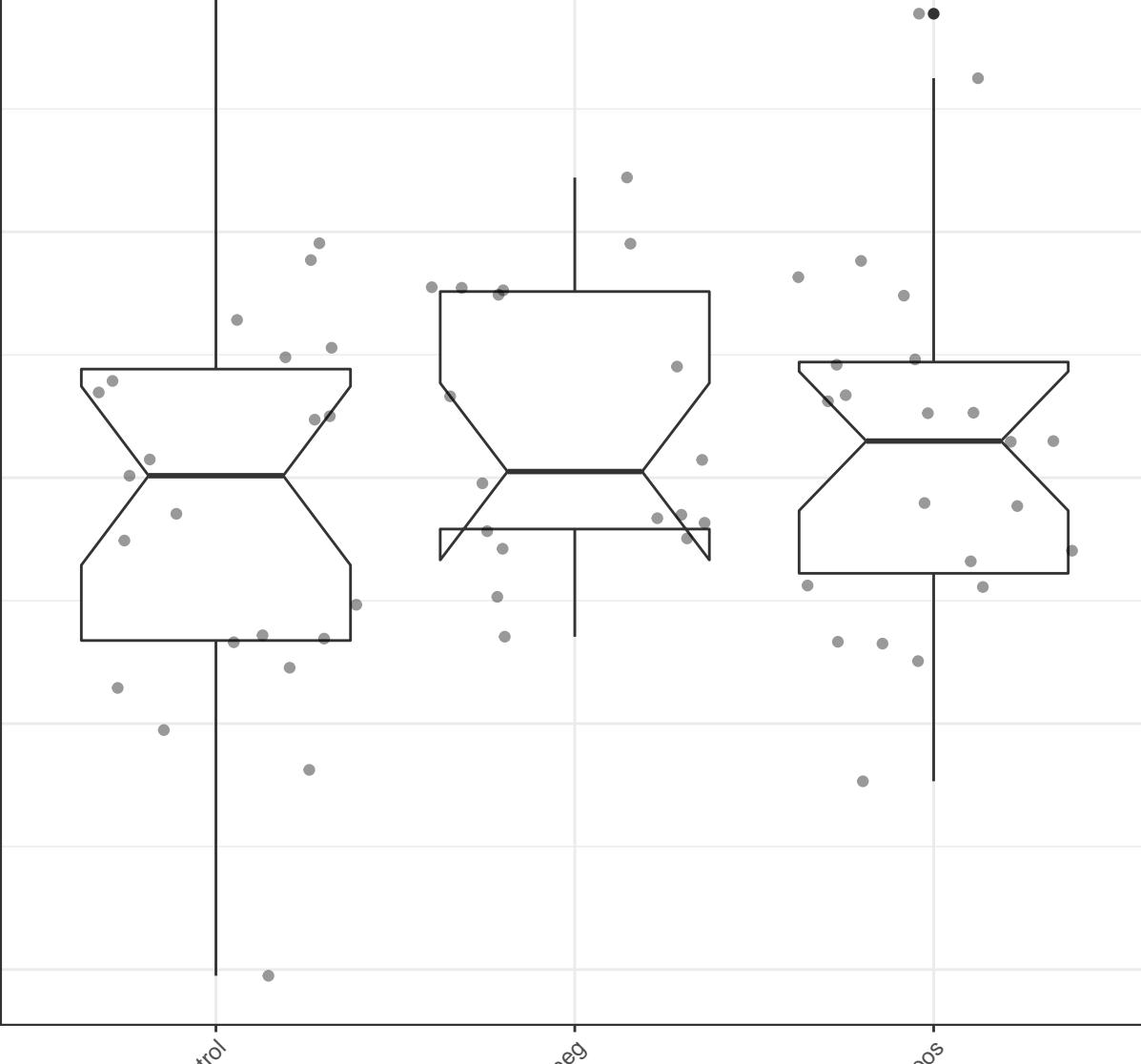
-0.15

Control

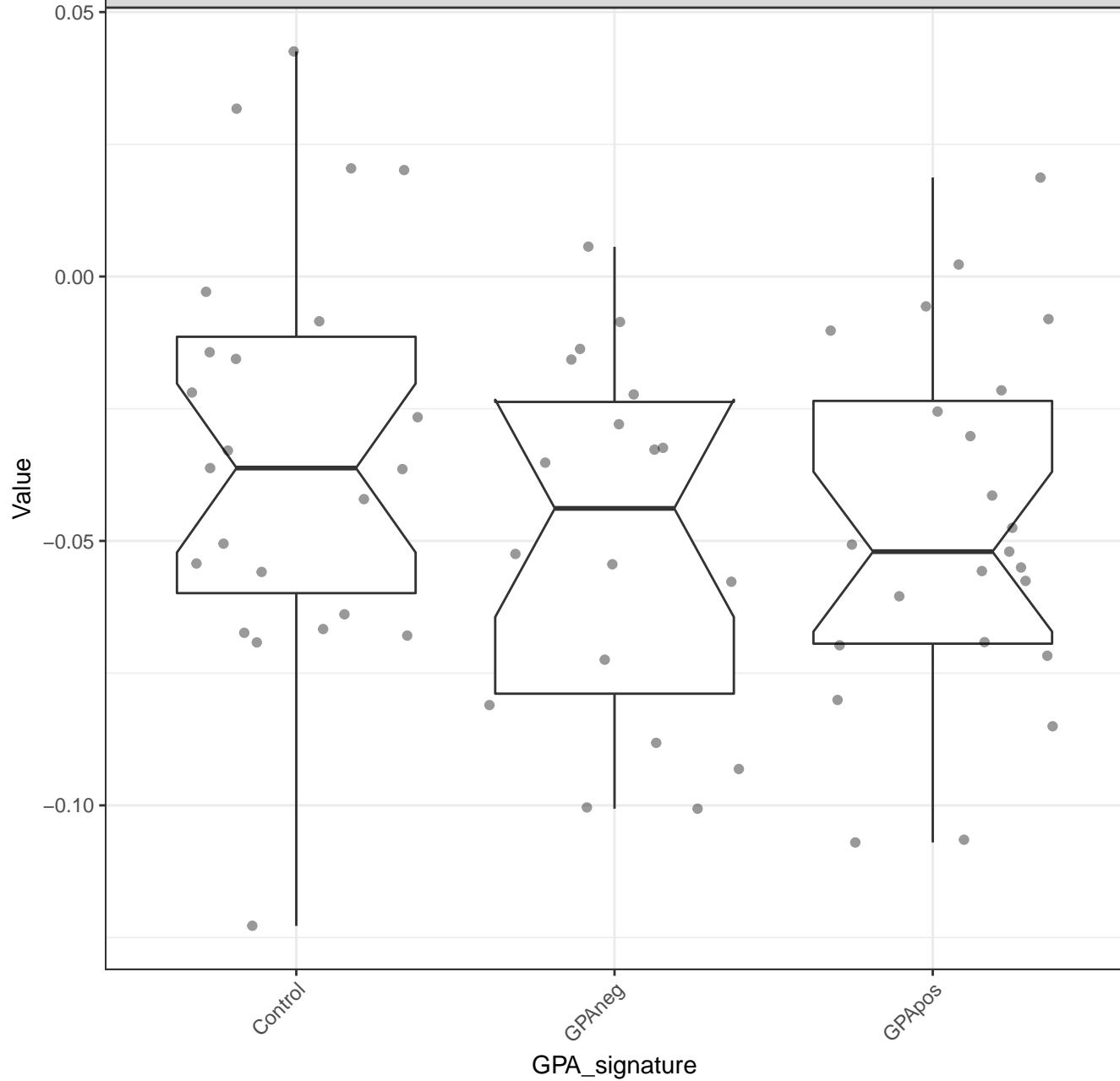
GPAneg

GPApos

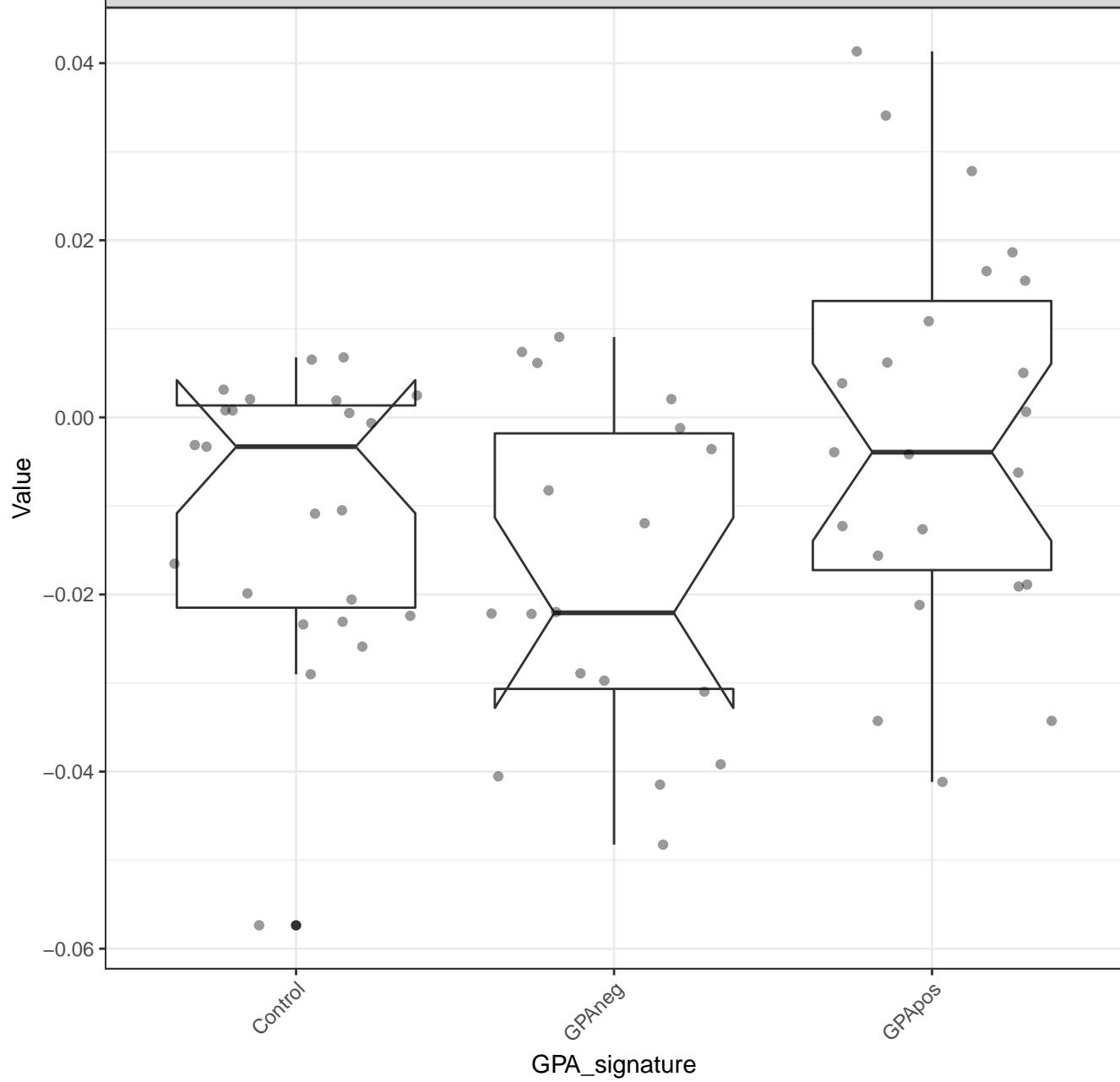
GPA_signature



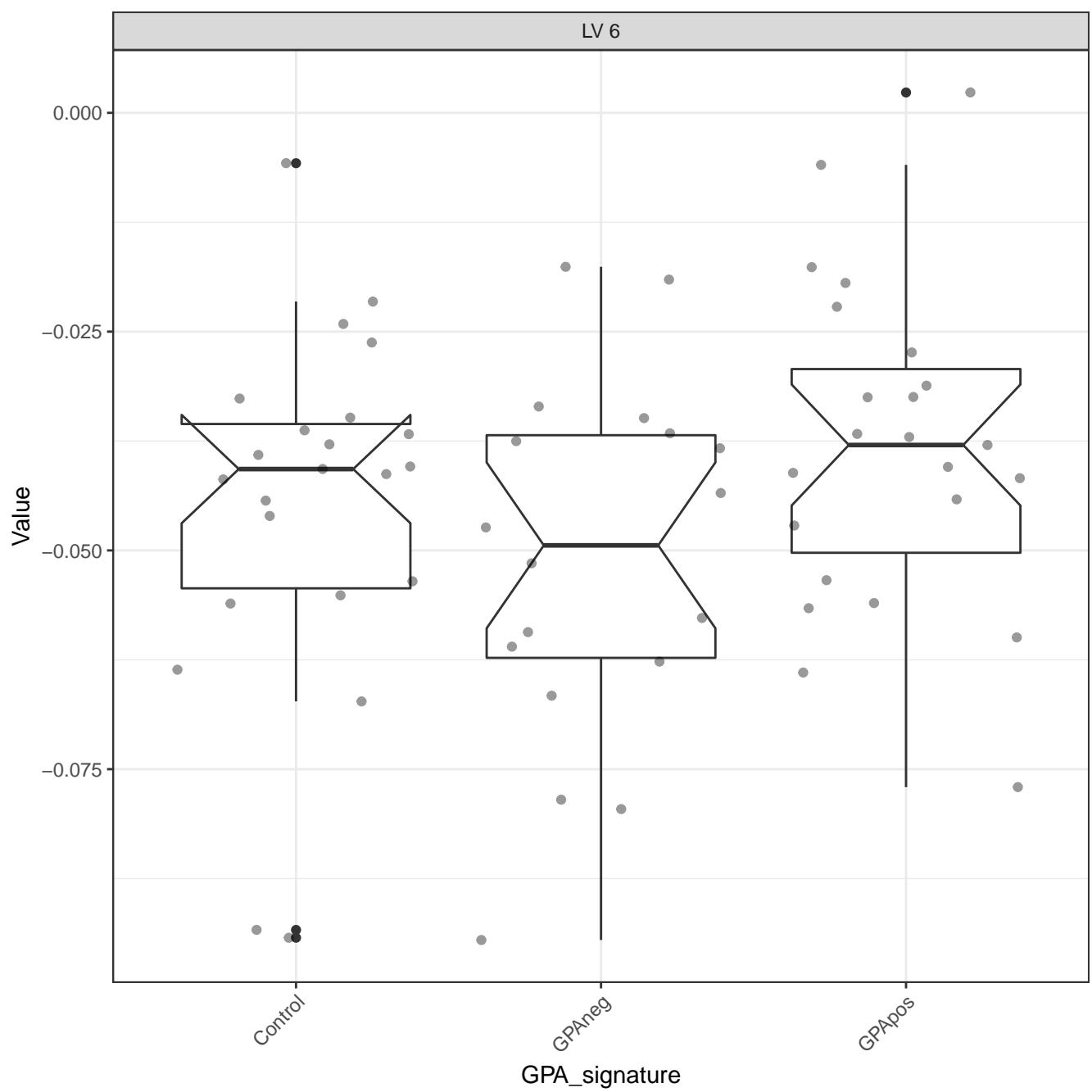
4,REACTOME_NEURONAL_SYSTEM



LV 5



LV 6



7,IRIS_Neutrophil-Resting

Value

-0.10

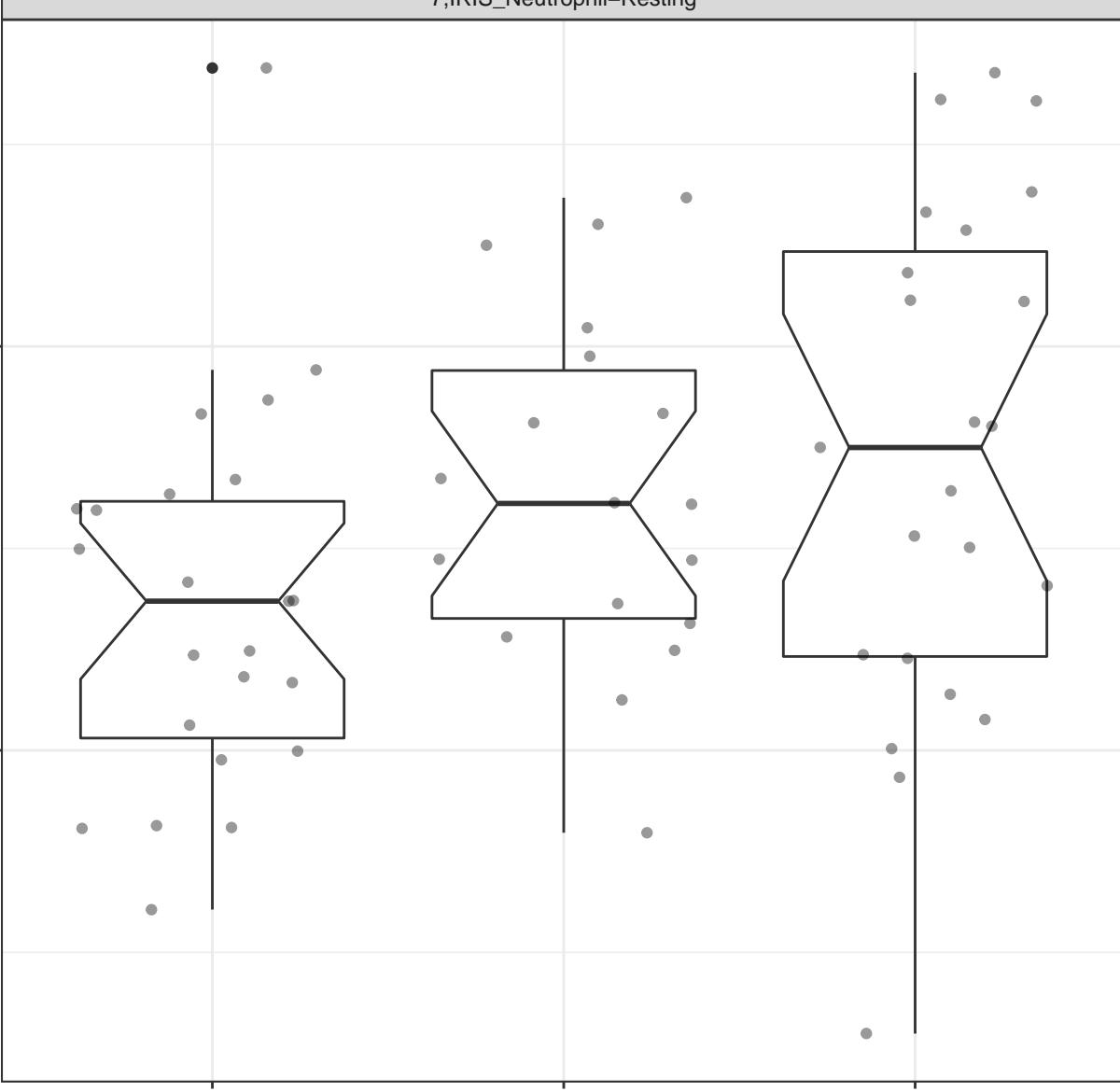
-0.15

Control

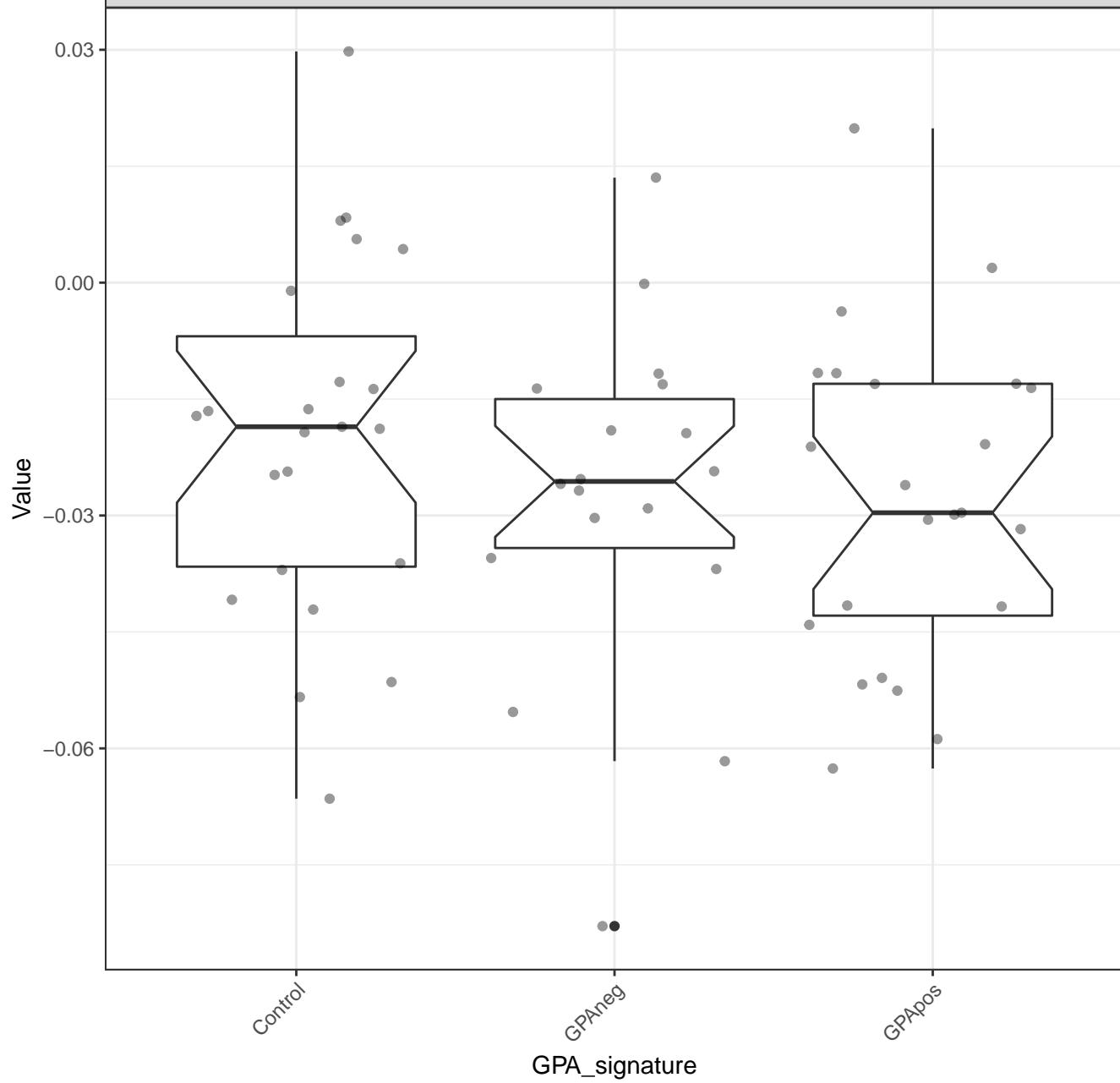
GPAneg

GPAPos

GPA_signature



8,KEGG_PPAR_SIGNALING_PATHWAY



LV 9

Value

0.2

0.1

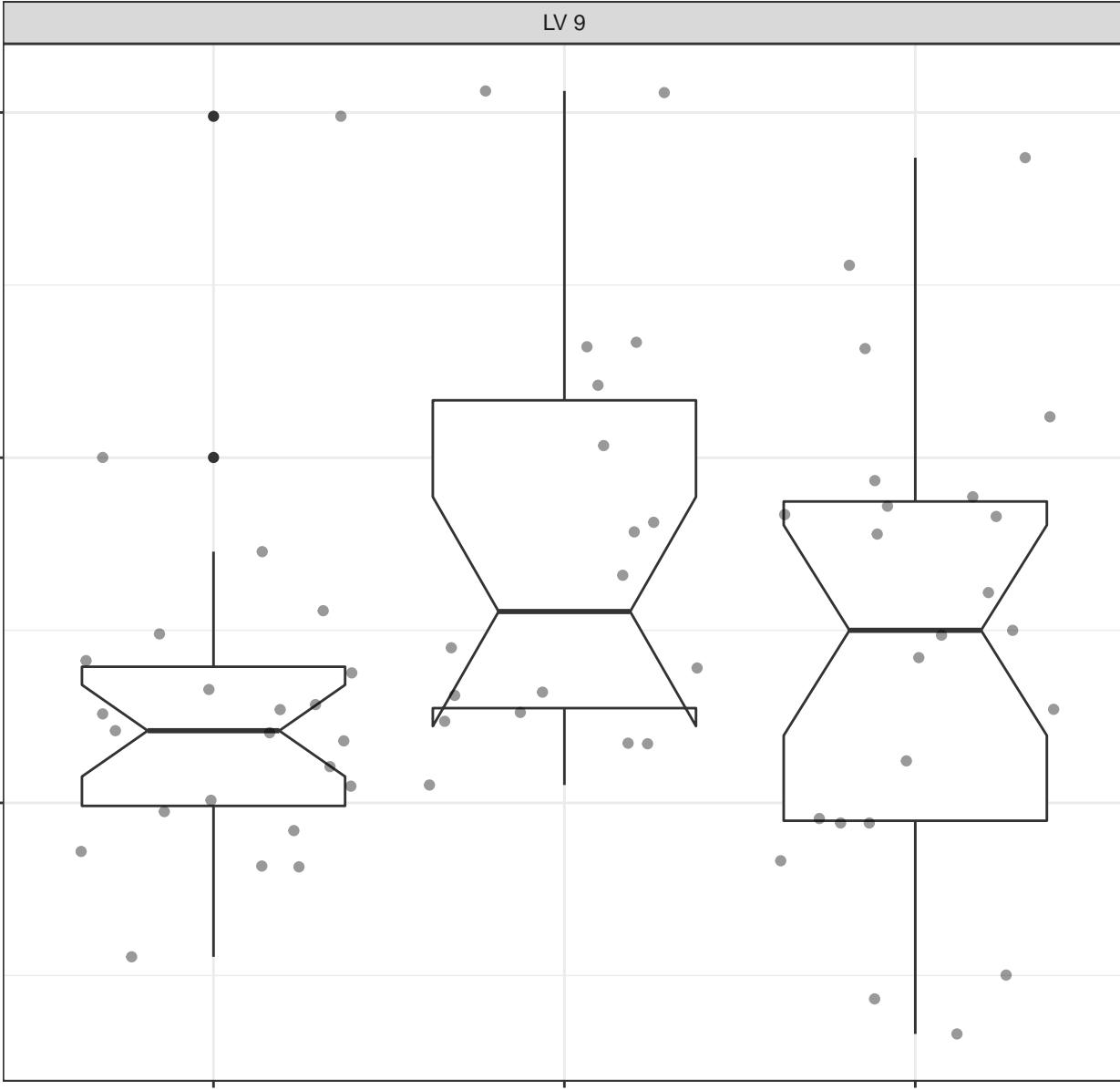
0.0

Control

GPA_signature

GPAneg

GPAPos



10,SVM Macrophages M0

Value

0.05

0.00

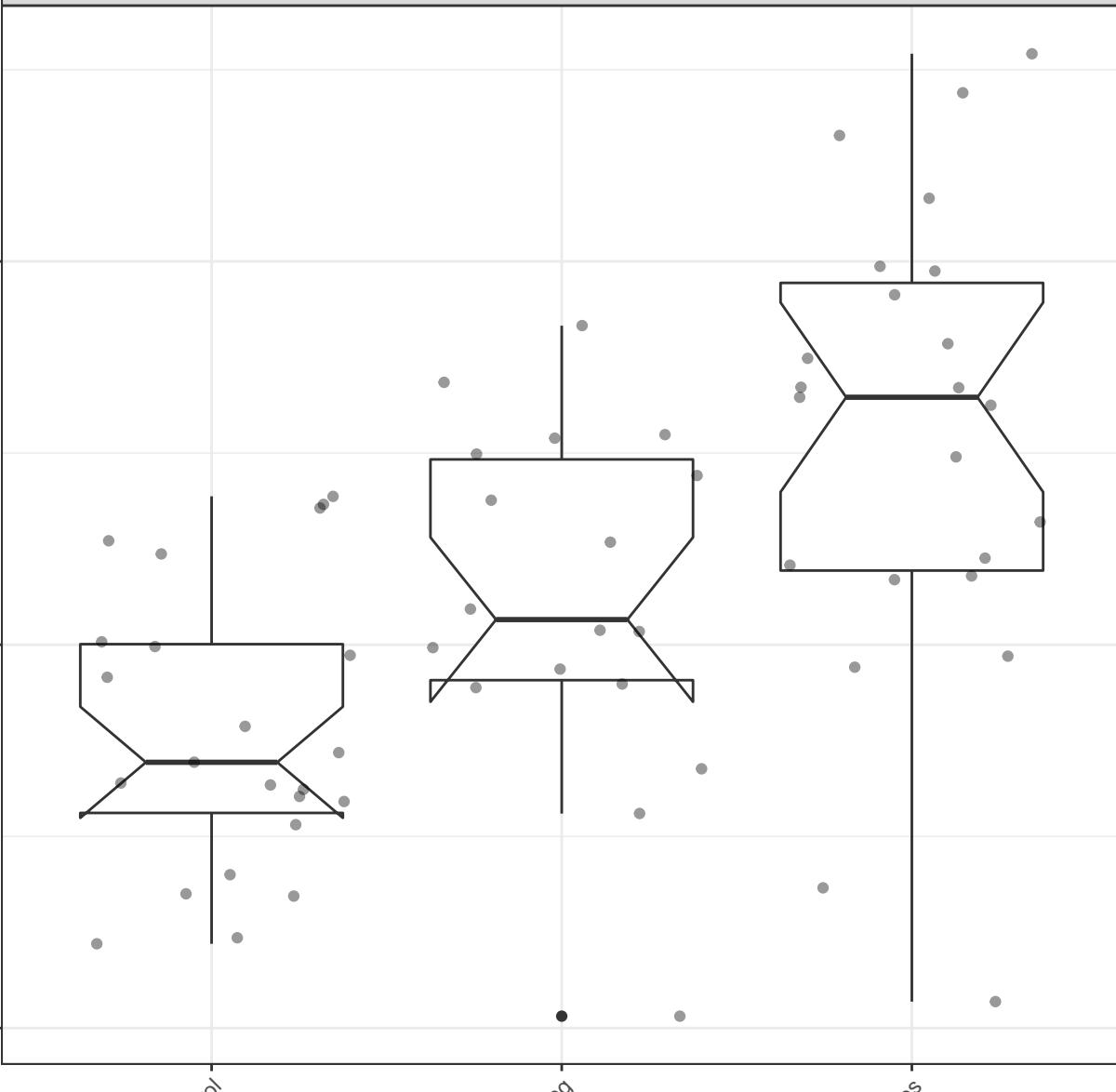
-0.05

Control

GPA_signature

GPAneg

GPApos



LV 11

Value

0.05

0.00

-0.05

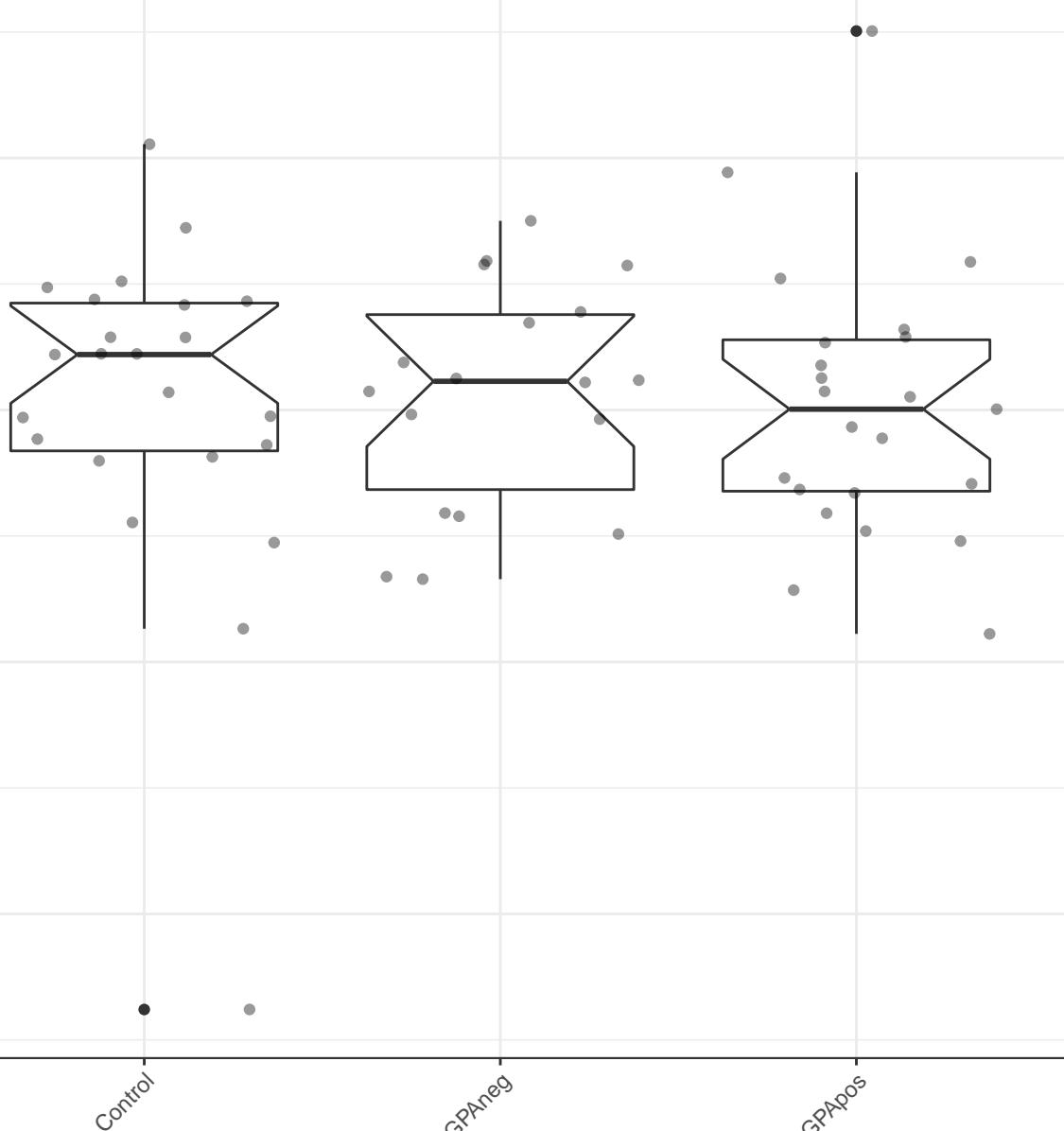
-0.10

Control

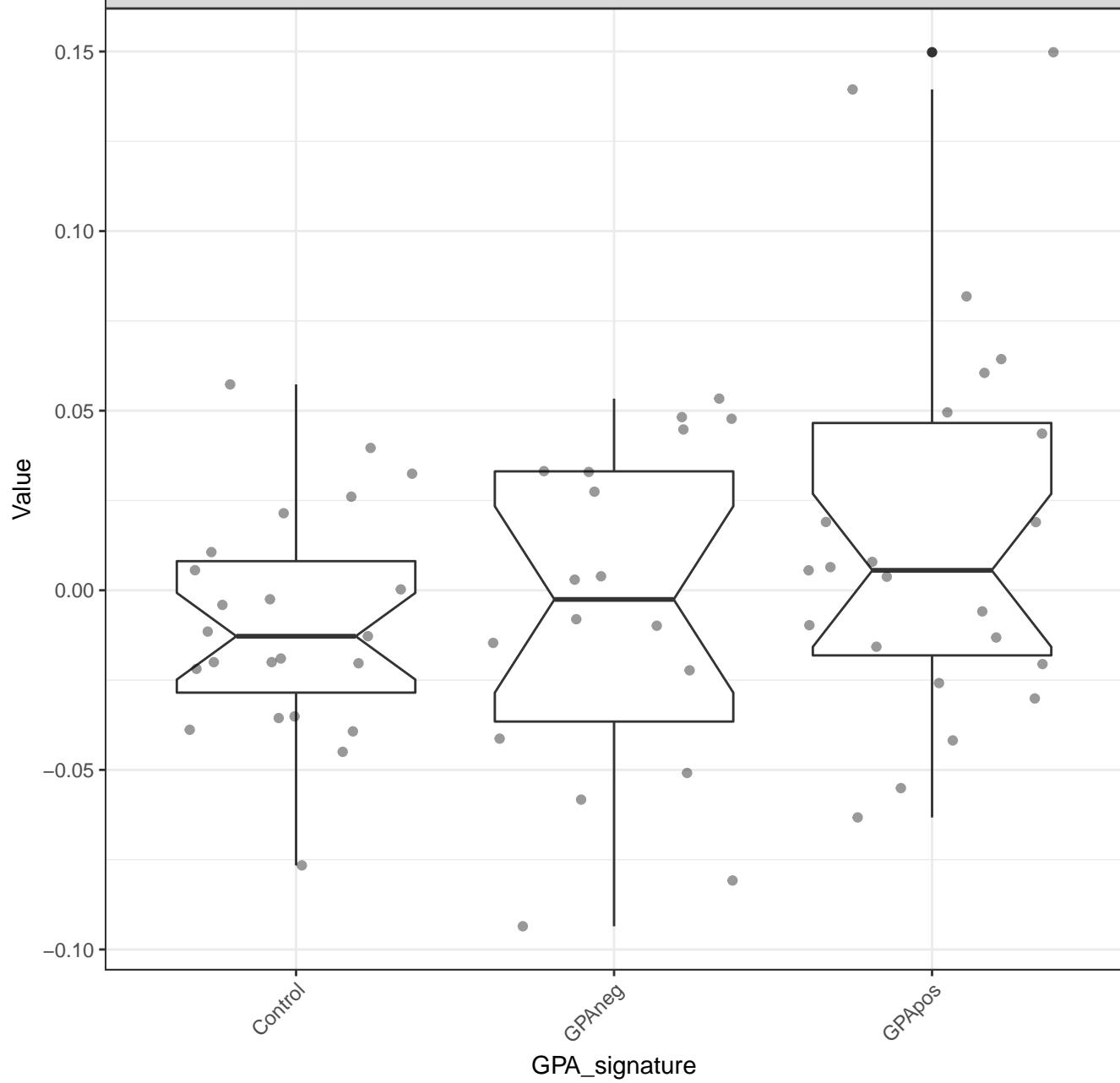
GPAneg

GPAPos

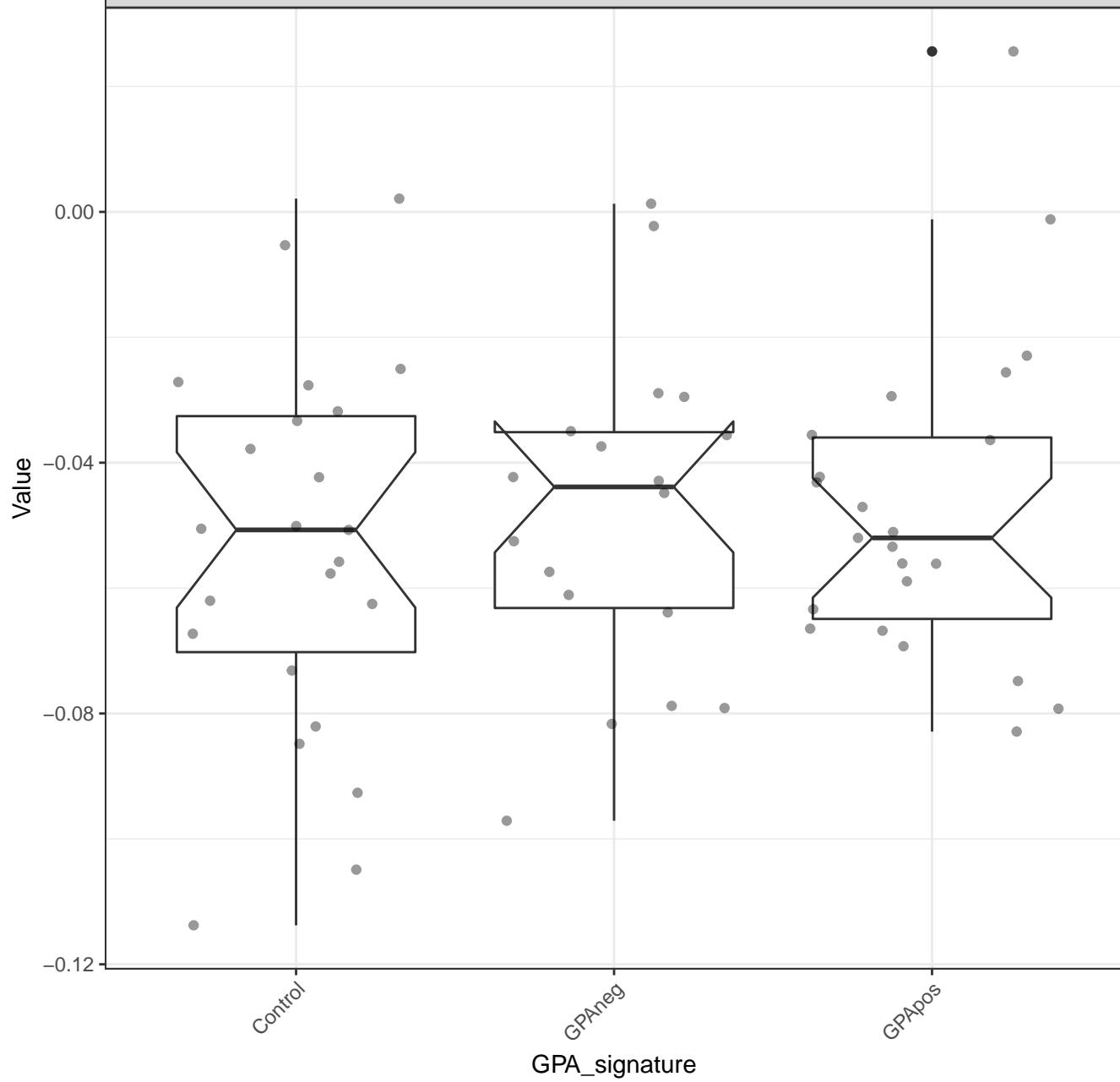
GPA_signature



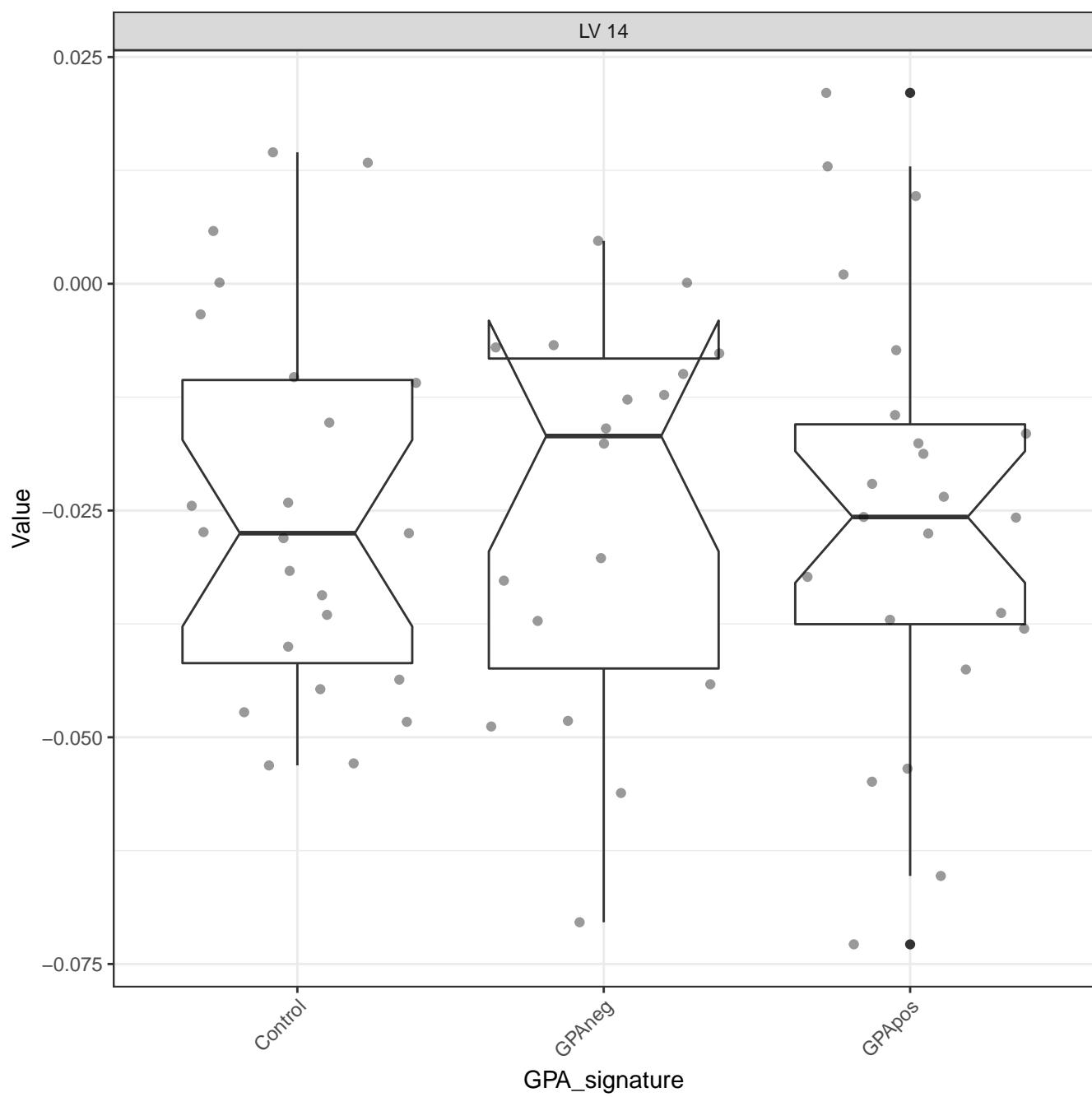
12,DMAP_MEGA2



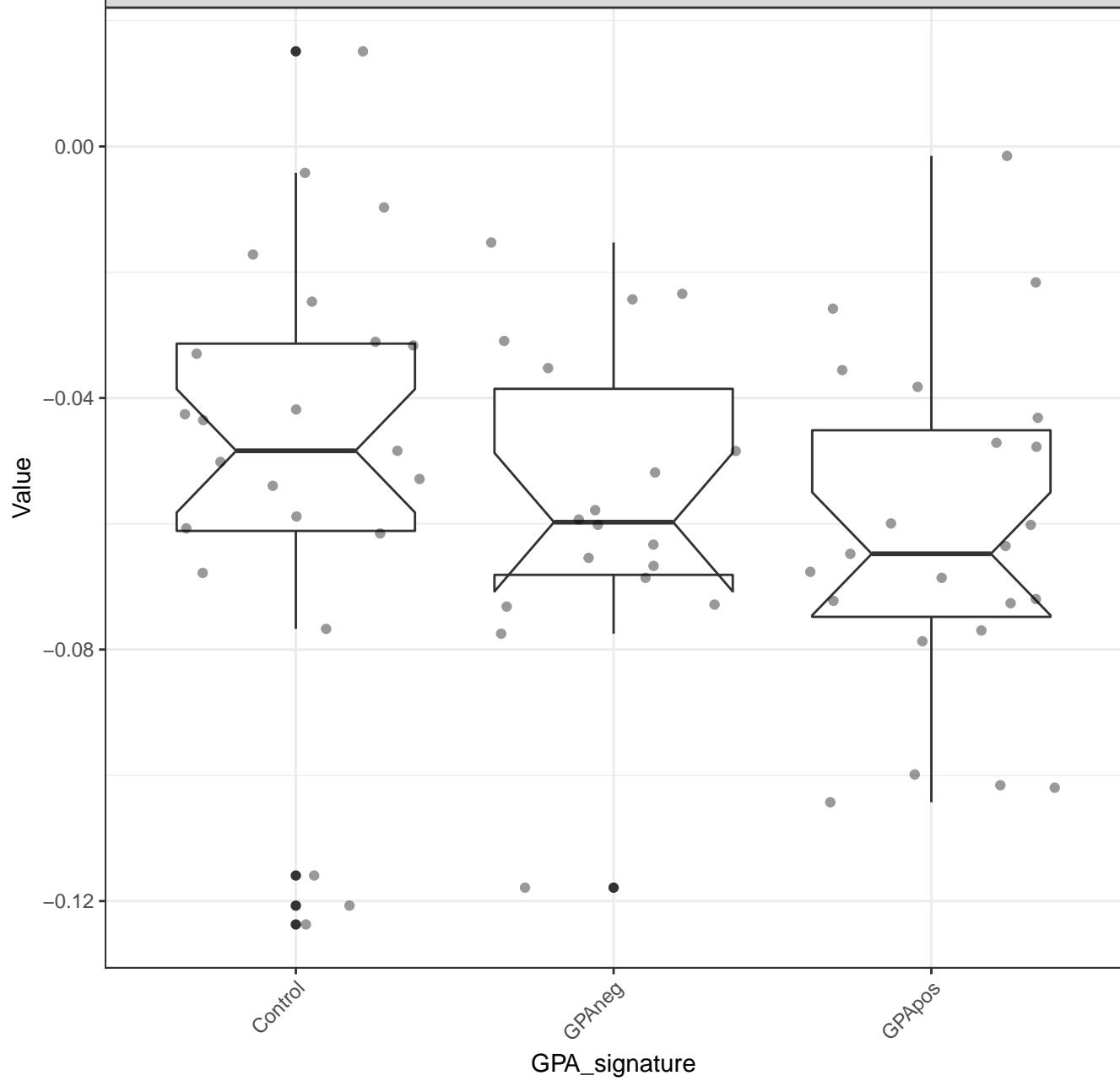
13,REACTOME_GLUCOSE_METABOLISM



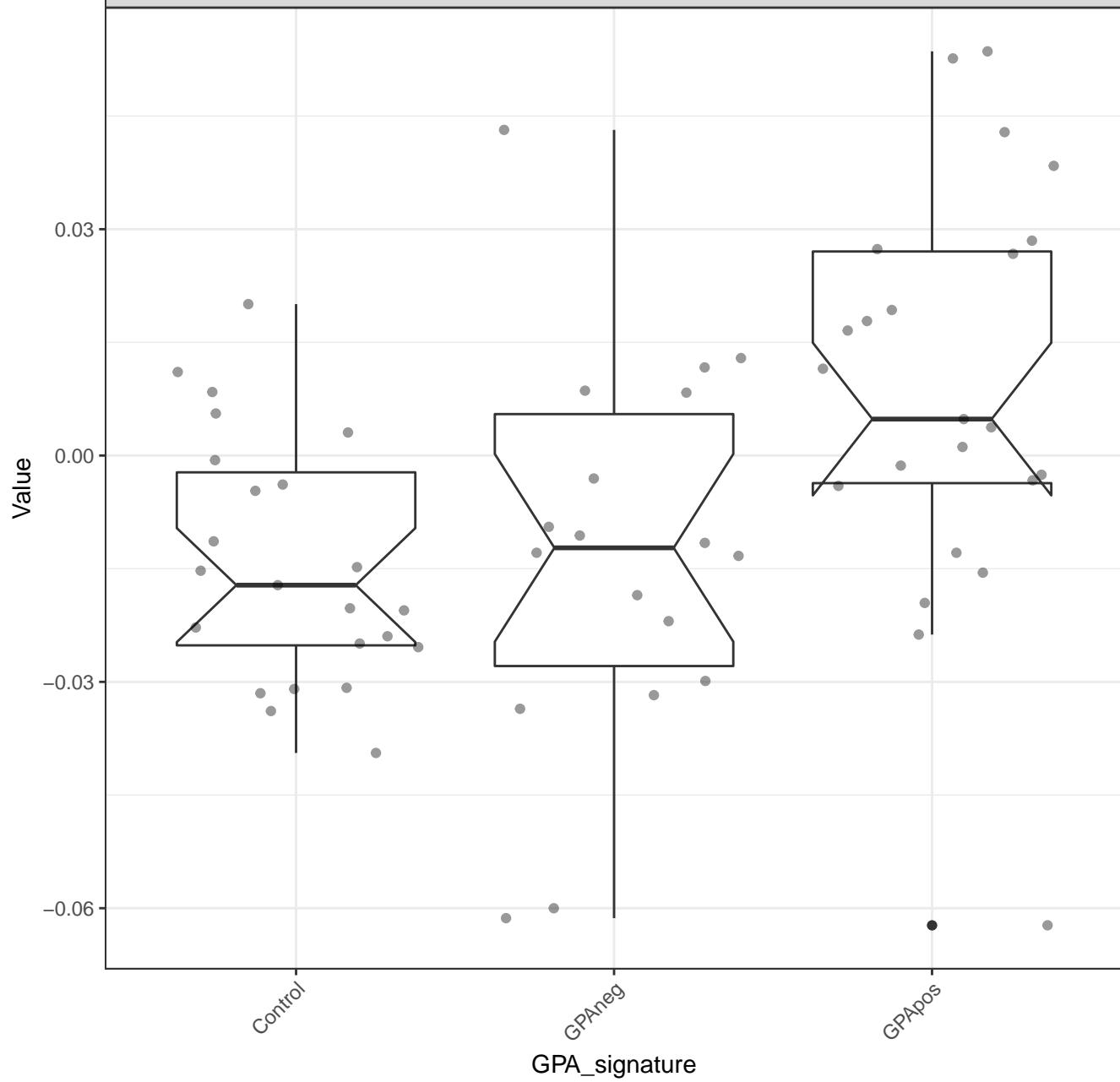
LV 14



LV 15



LV 16



17,SVM NK cells resting

Value

0.15

0.10

0.05

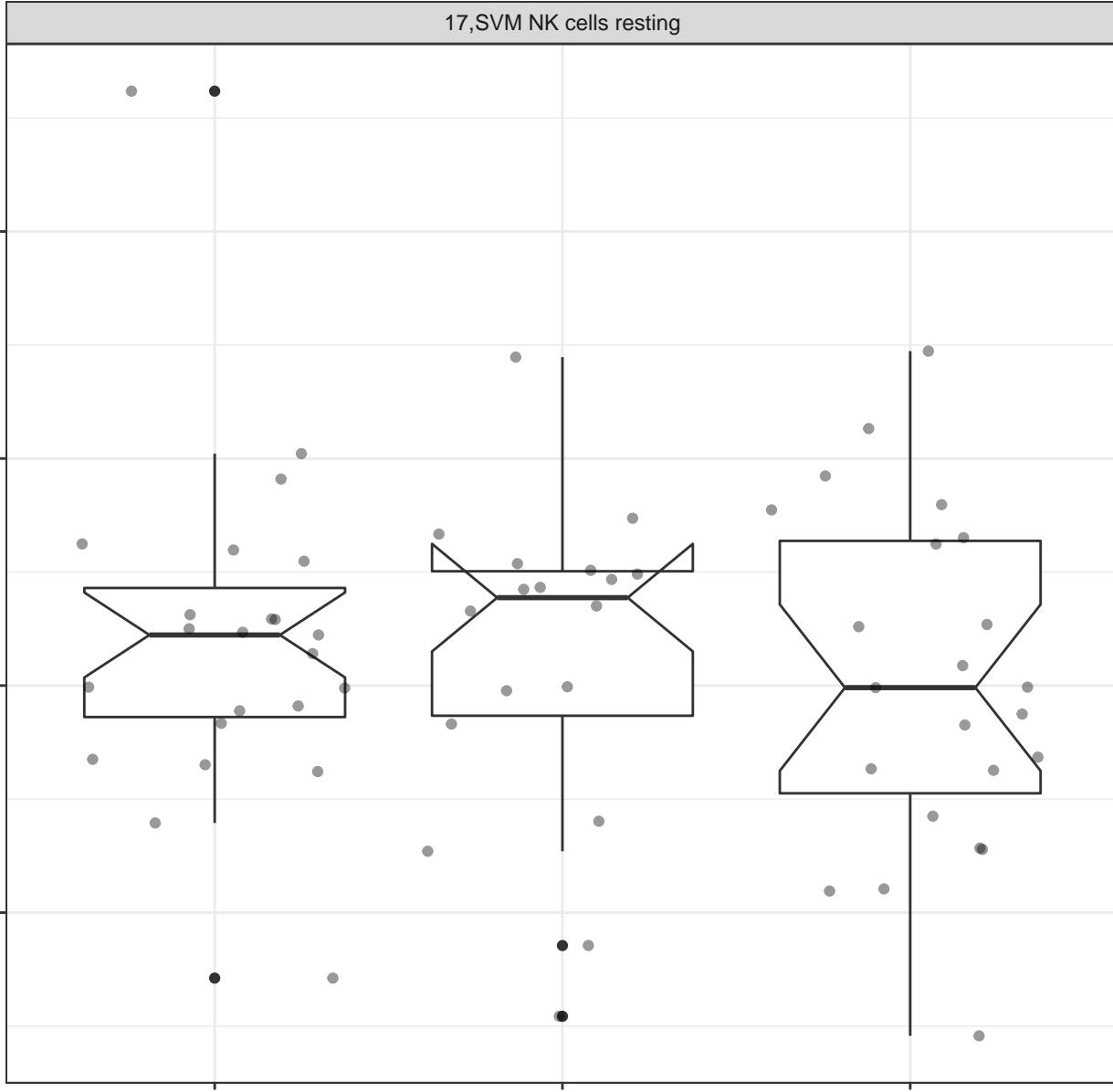
0.00

Control

GPA_signature

GPAneg

GPAPos



18,REACTOME_PHASE1_FUNCTIONALIZATION_OF_COMPOUNDS

Value

0.00

-0.05

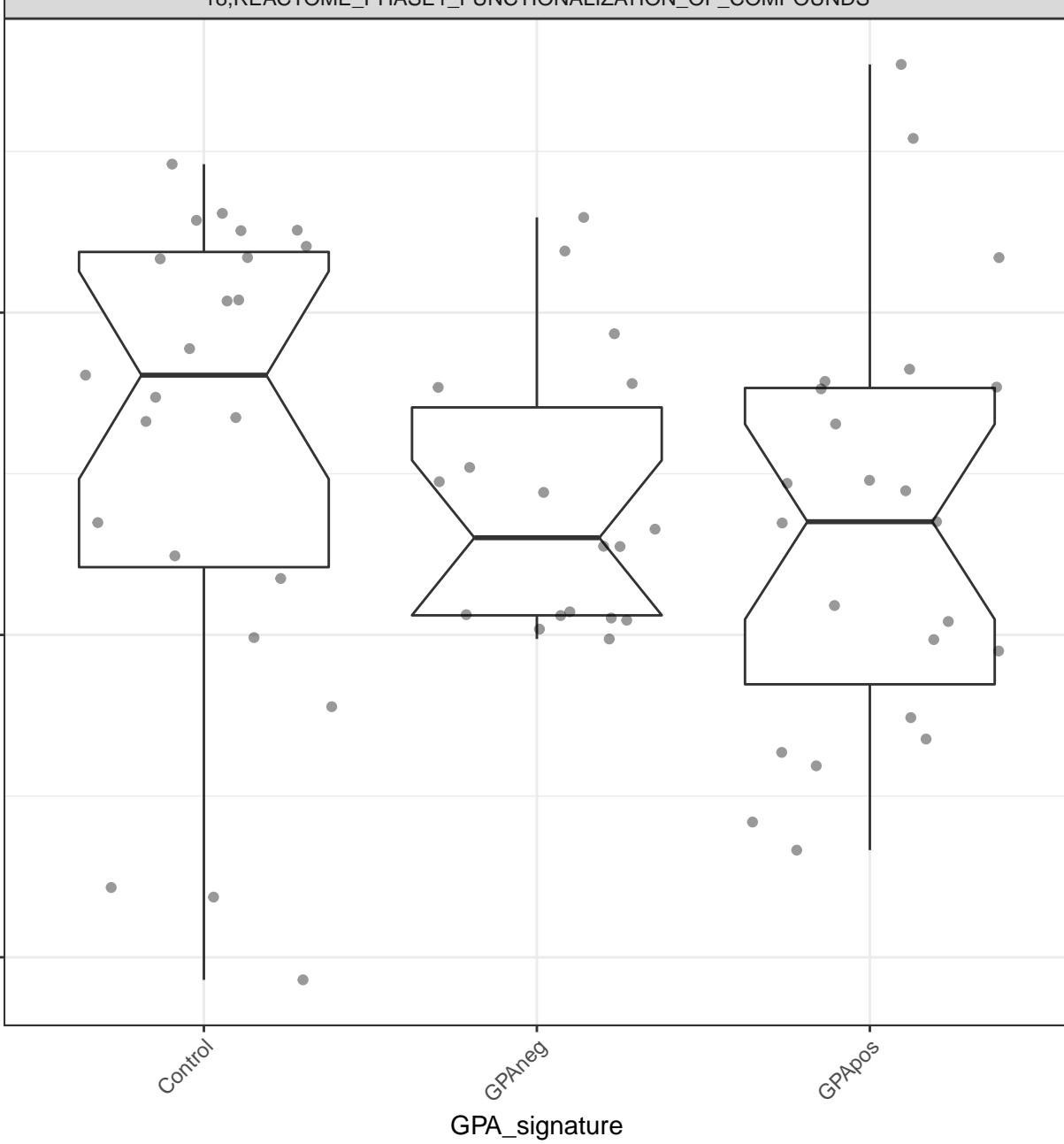
-0.10

Control

GPAneg

GPApos

GPA_signature



LV 19

Value

0.05

0.01

-0.05

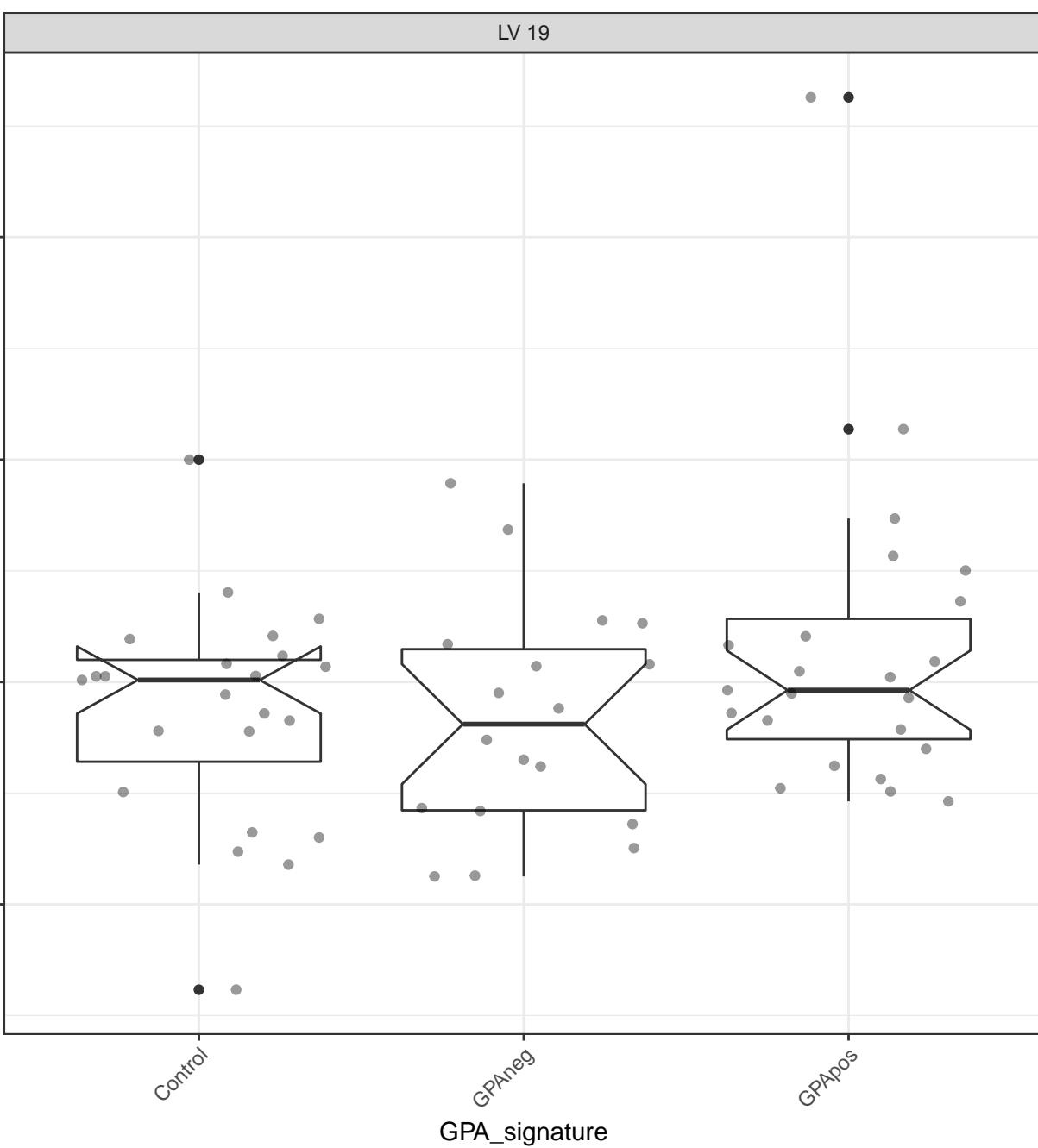
-0.10

Control

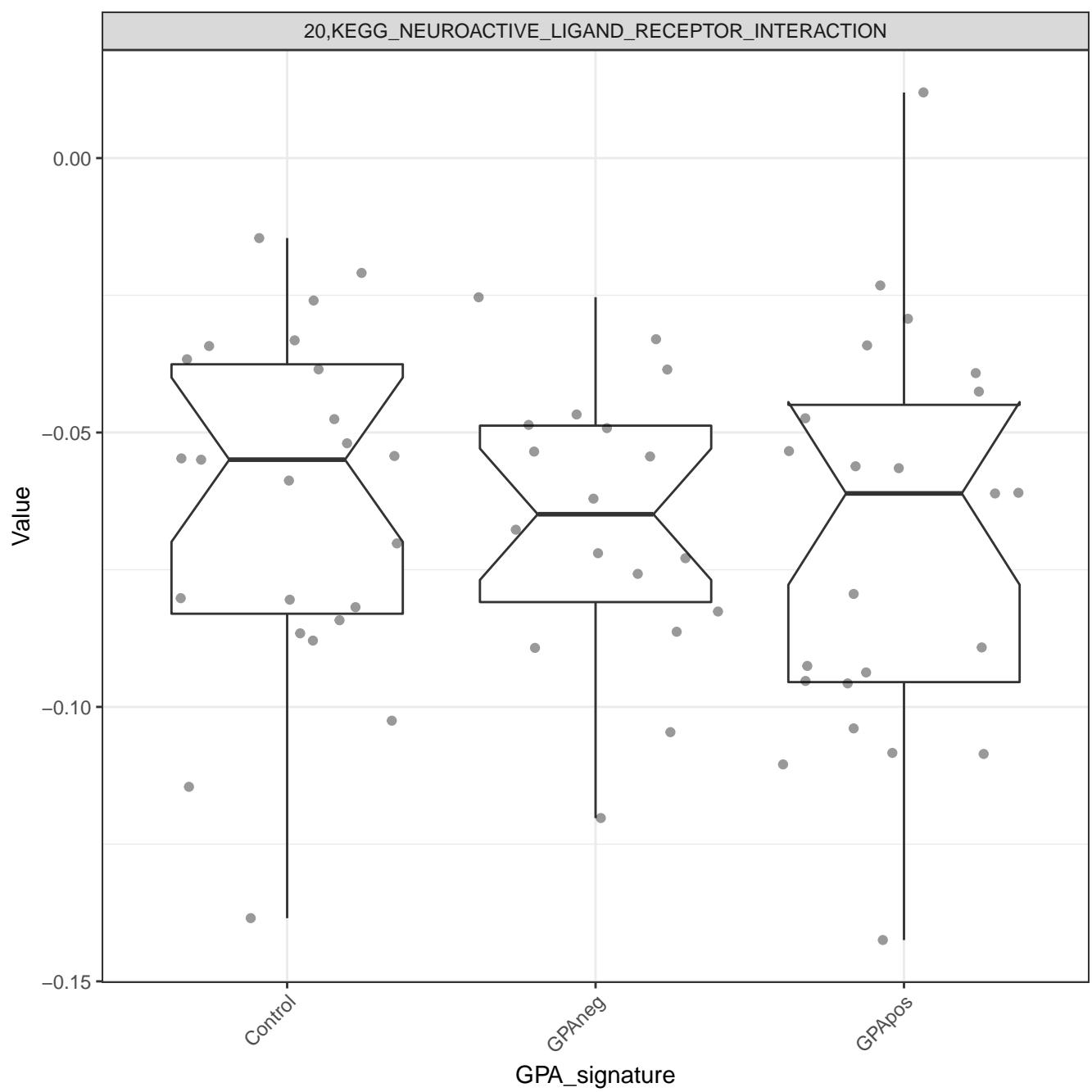
GPAneg

GPAPos

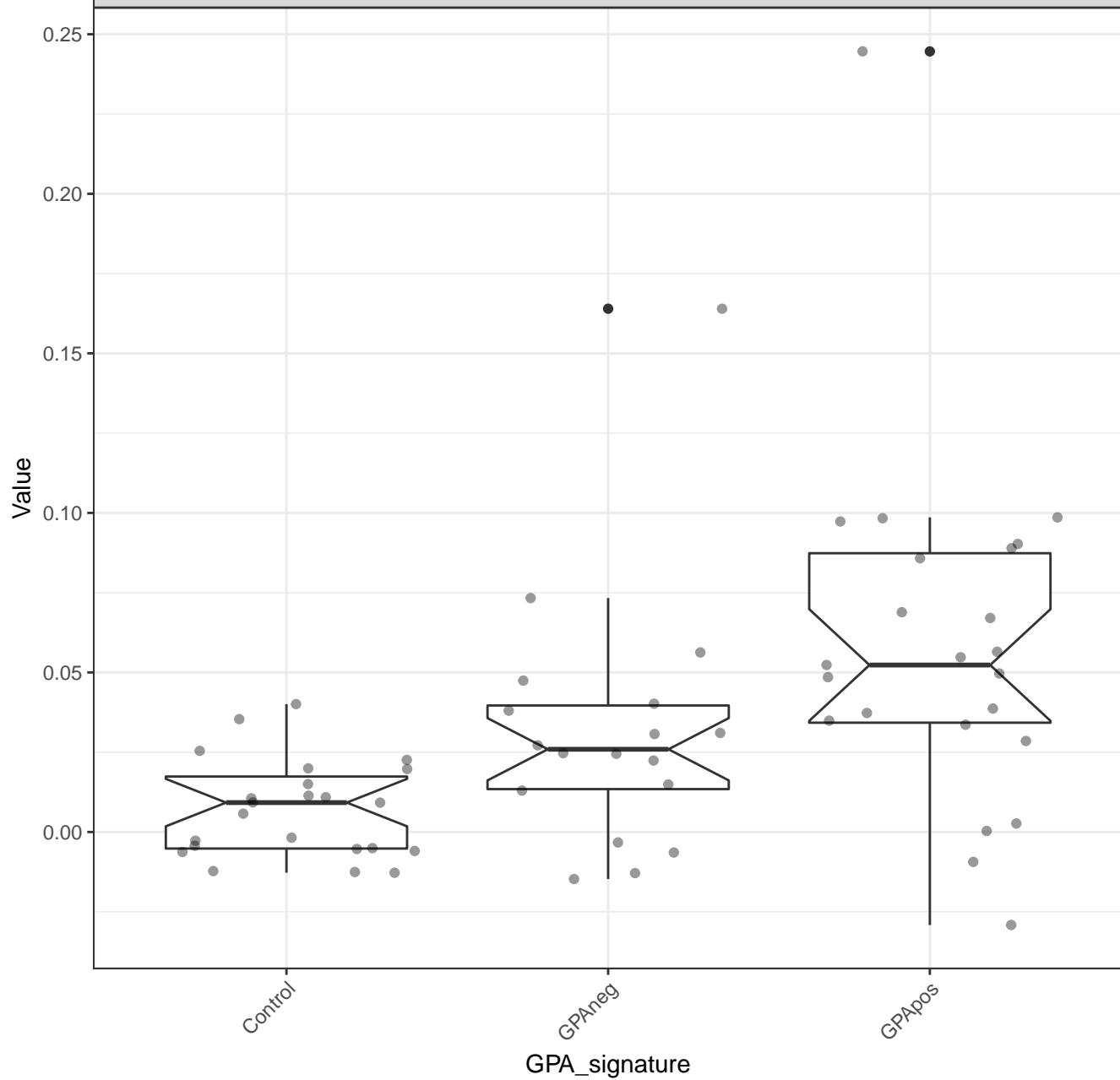
GPA_signature



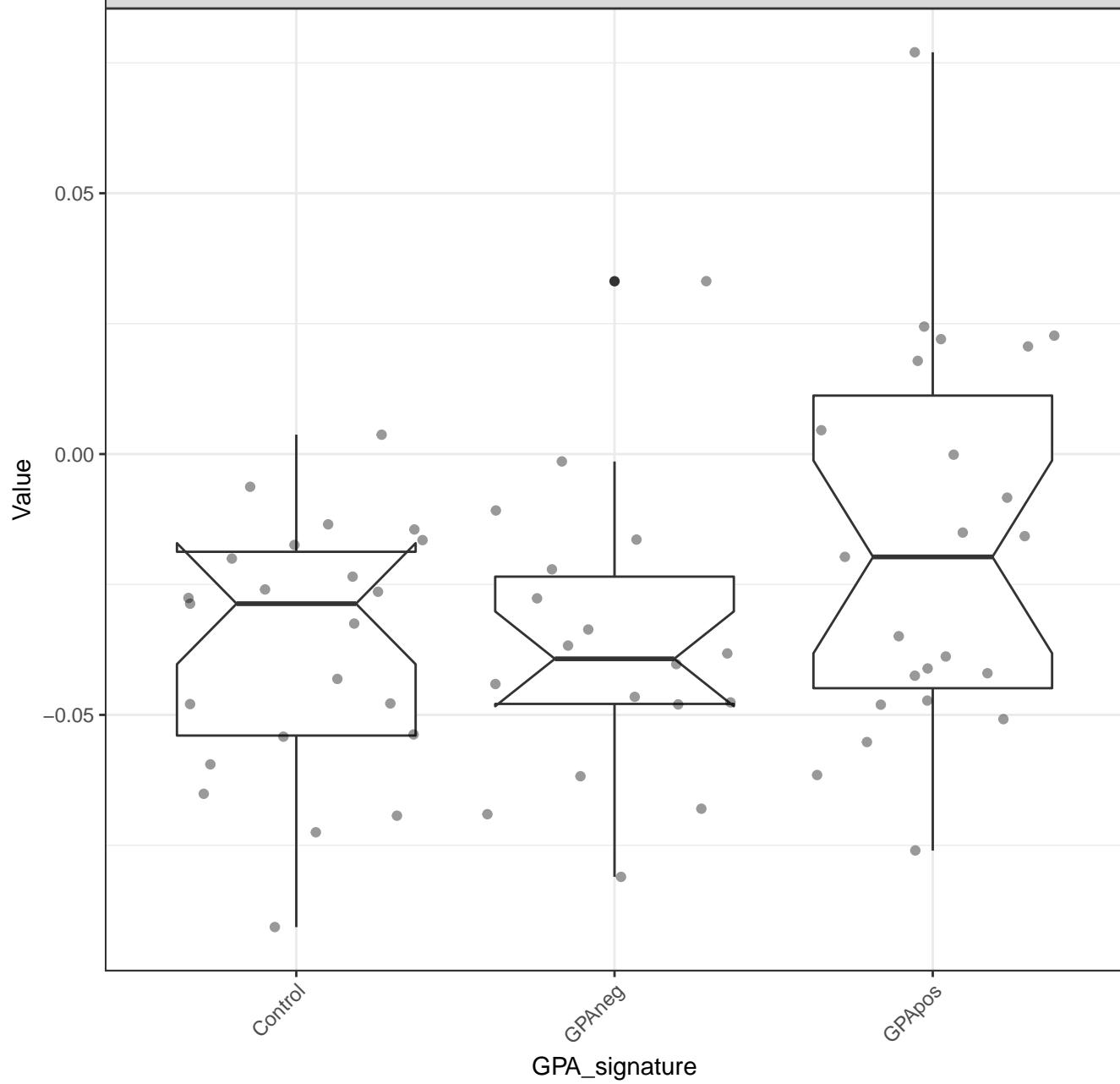
20,KEGG_NEUROACTIVE_LIGAND_RECEPTOR_INTERACTION



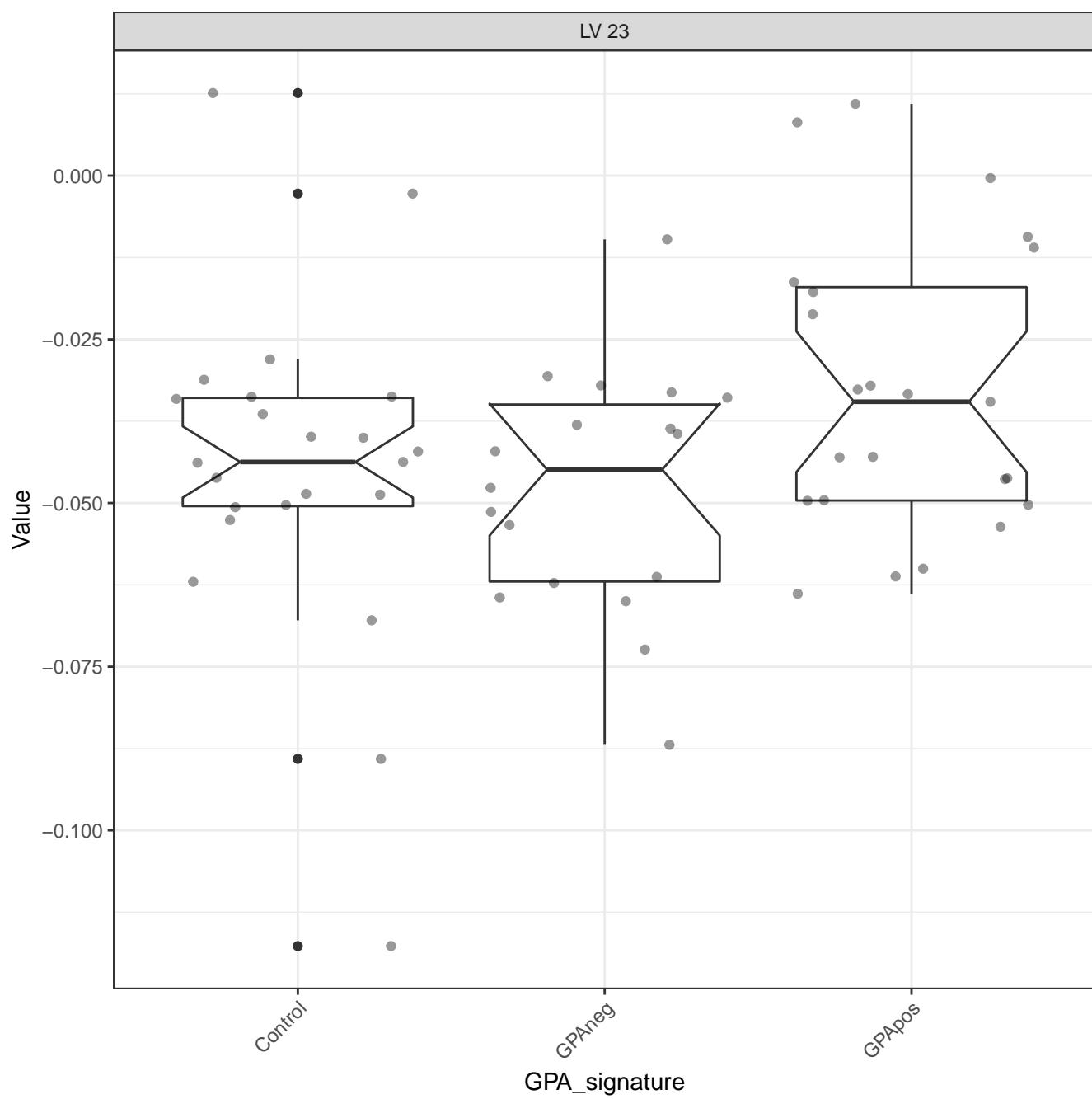
LV 21



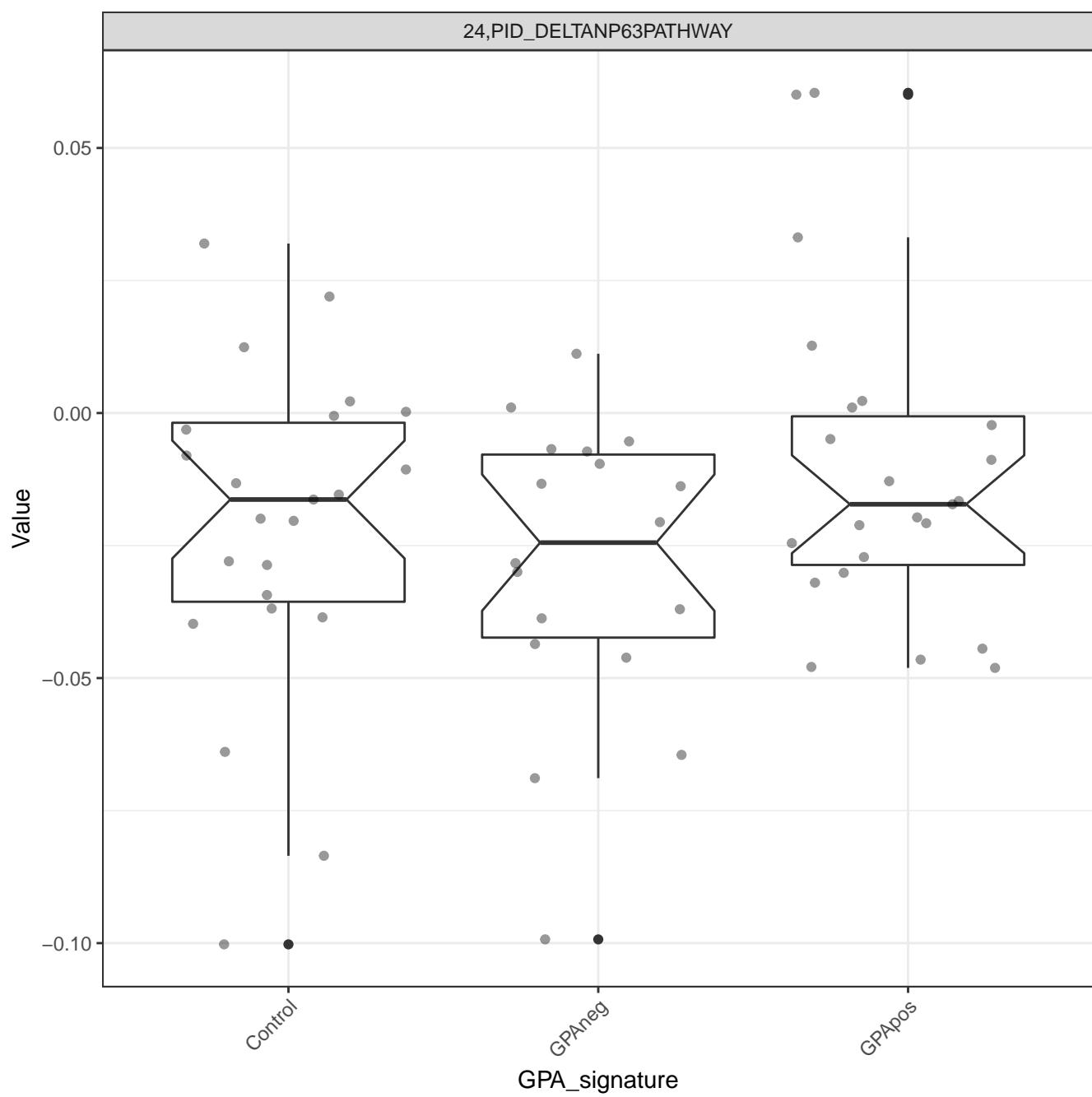
22,KEGG_PPAR_SIGNALING_PATHWAY



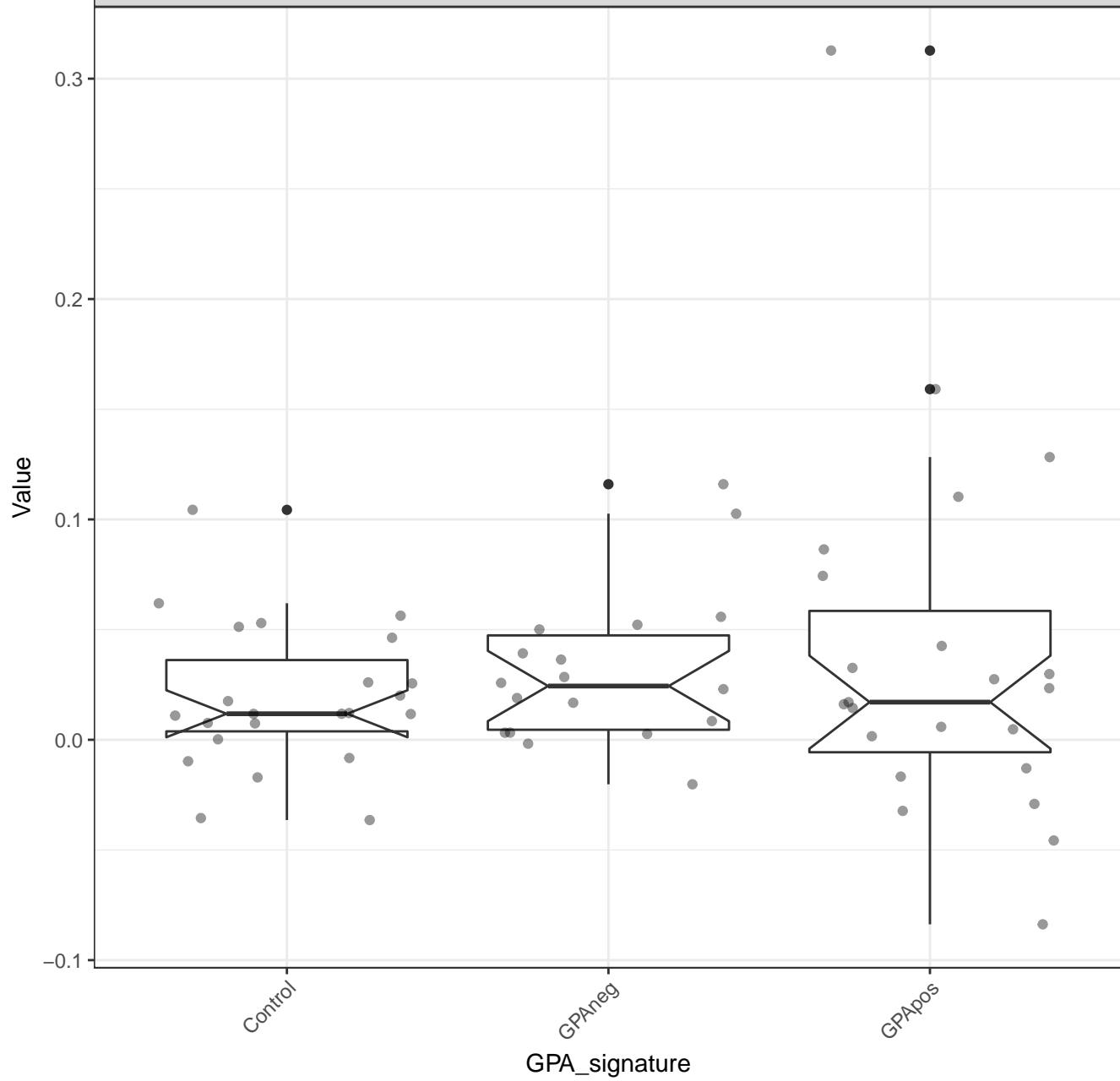
LV 23



24,PID_DELTANP63PATHWAY



25,SVM Macrophages M1



26,SVM Macrophages M2

Value

0.05

0.00

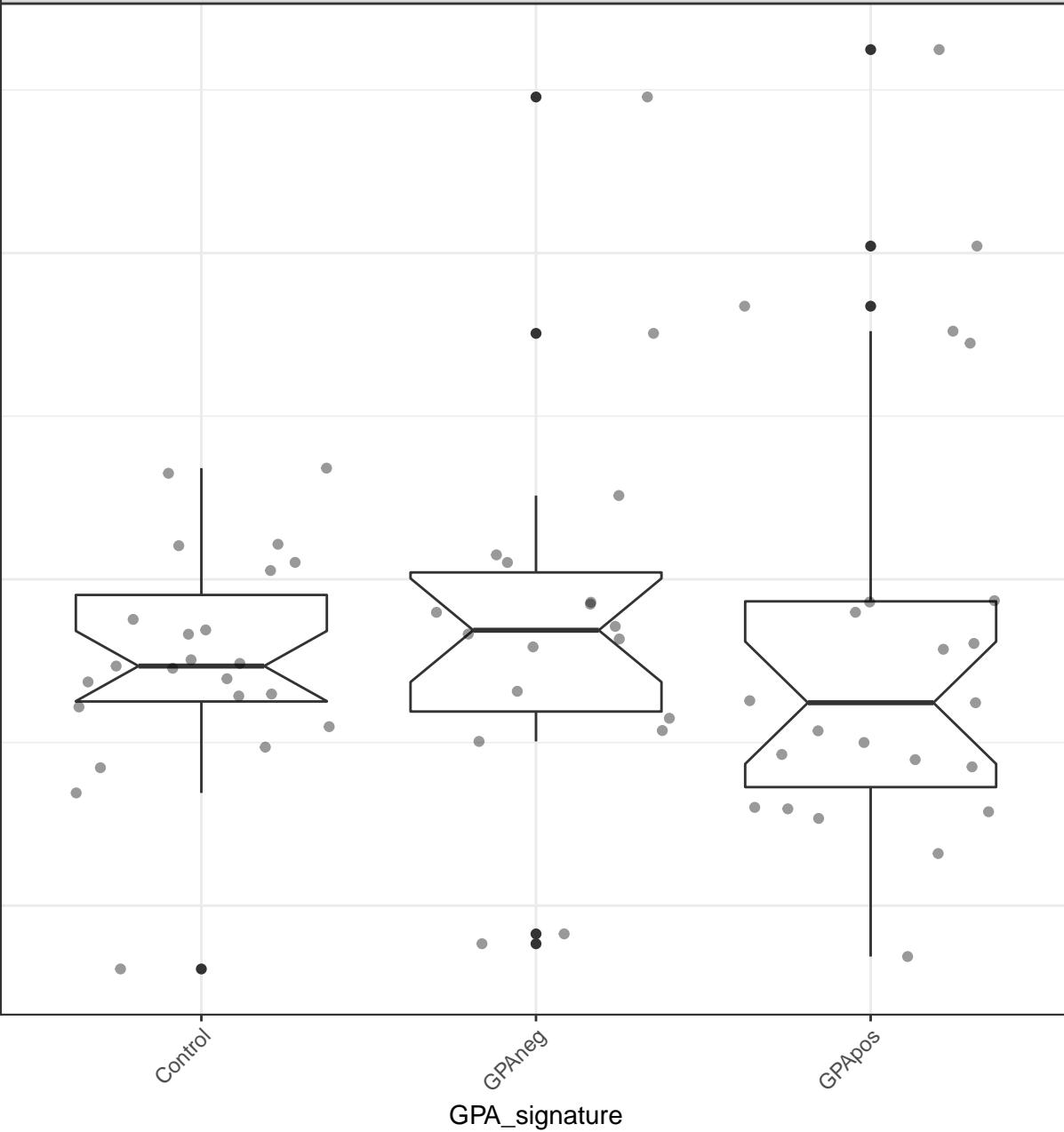
-0.05

Control

GPA_signature

GPAneg

GPAPos



27,REACTOME_CELL_JUNCTION_ORGANIZATION

Value

0.05

0.01

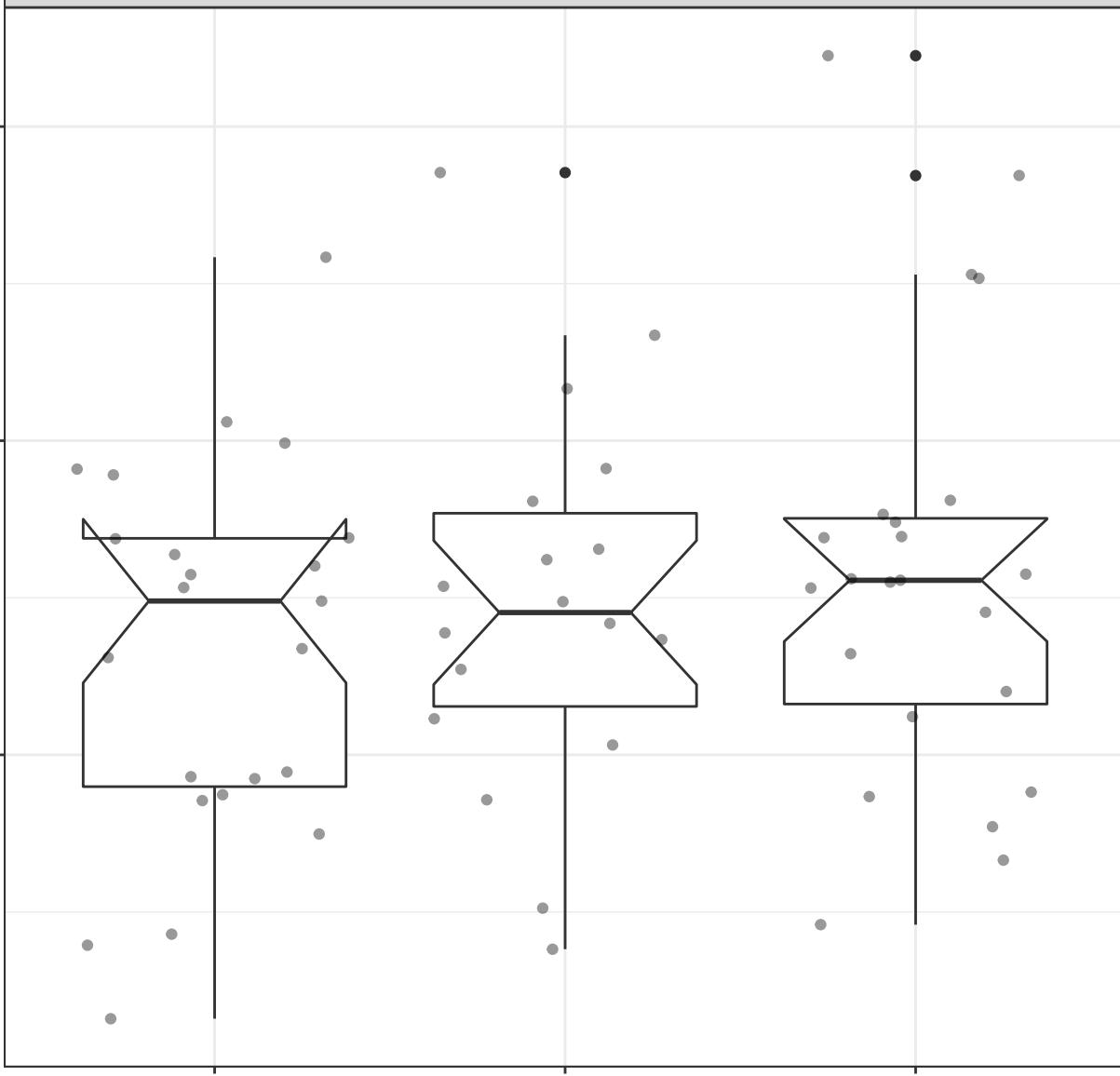
-0.05

Control

GPA_signature

GPAneg

GPAPos



LV 28

Value

0.05

0.01

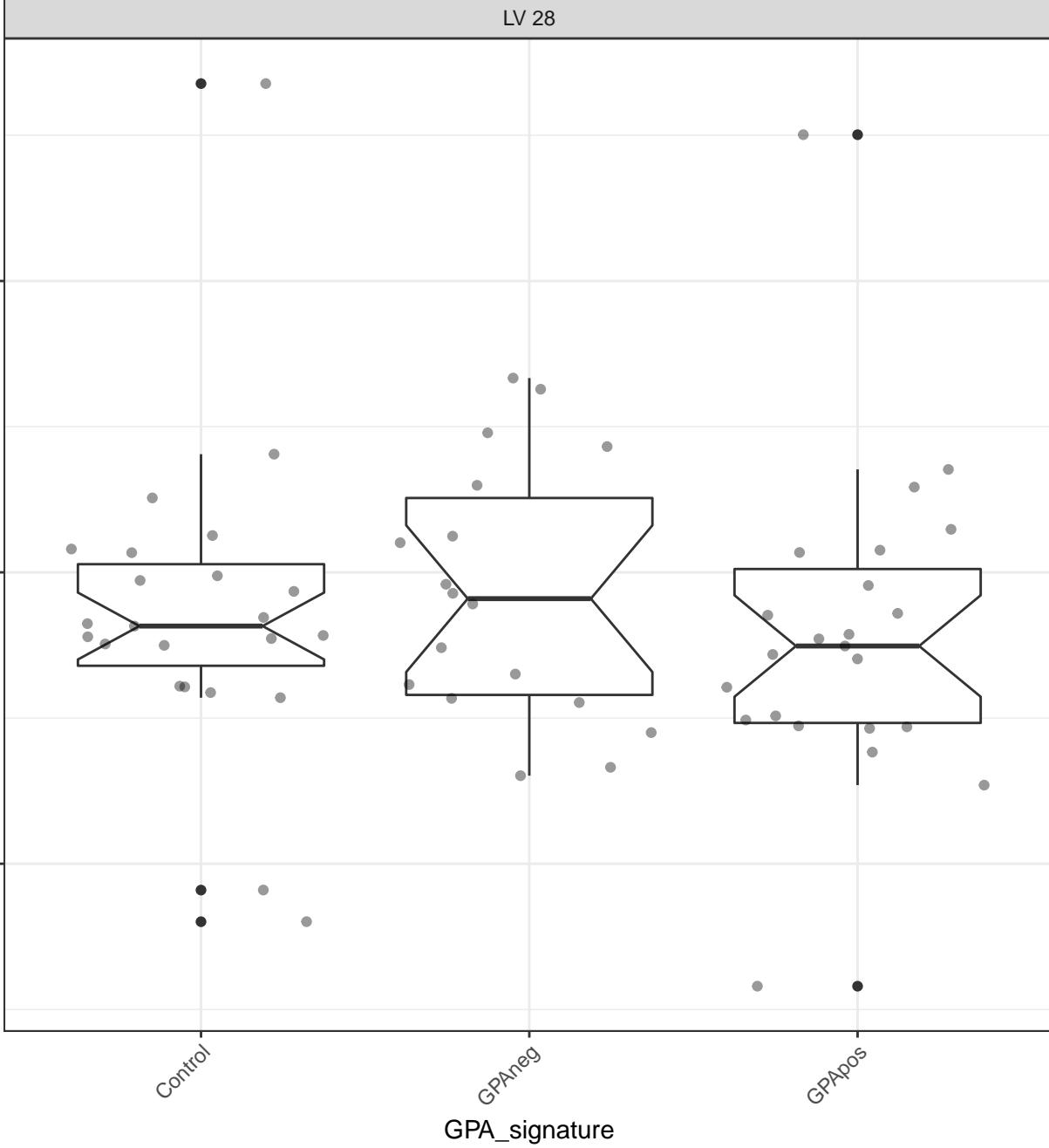
-0.05

Control

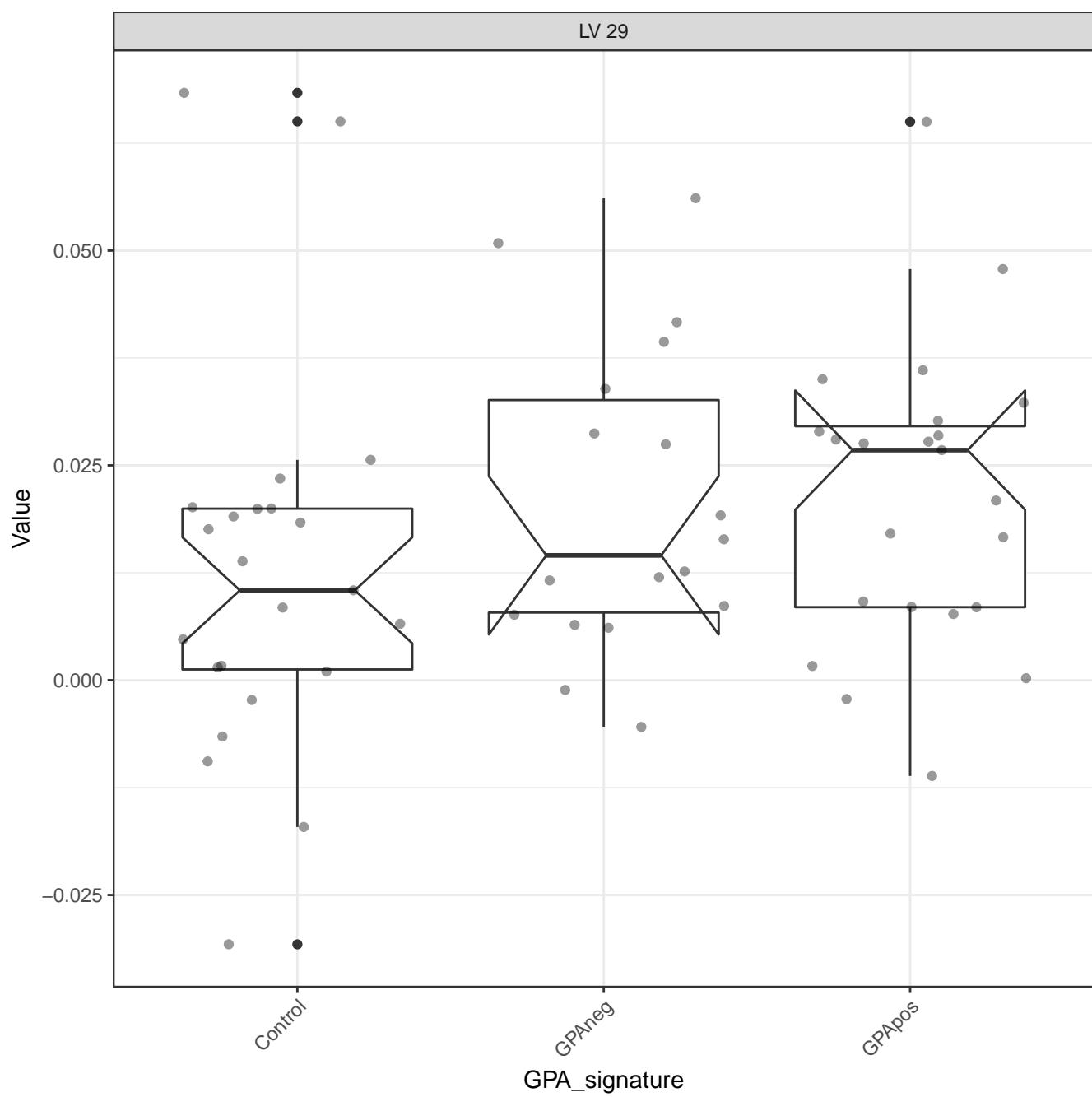
GPAneg

GPAPos

GPA_signature



LV 29



30,DMAP_ERY3

Value

0.8

0.6

0.4

0.2

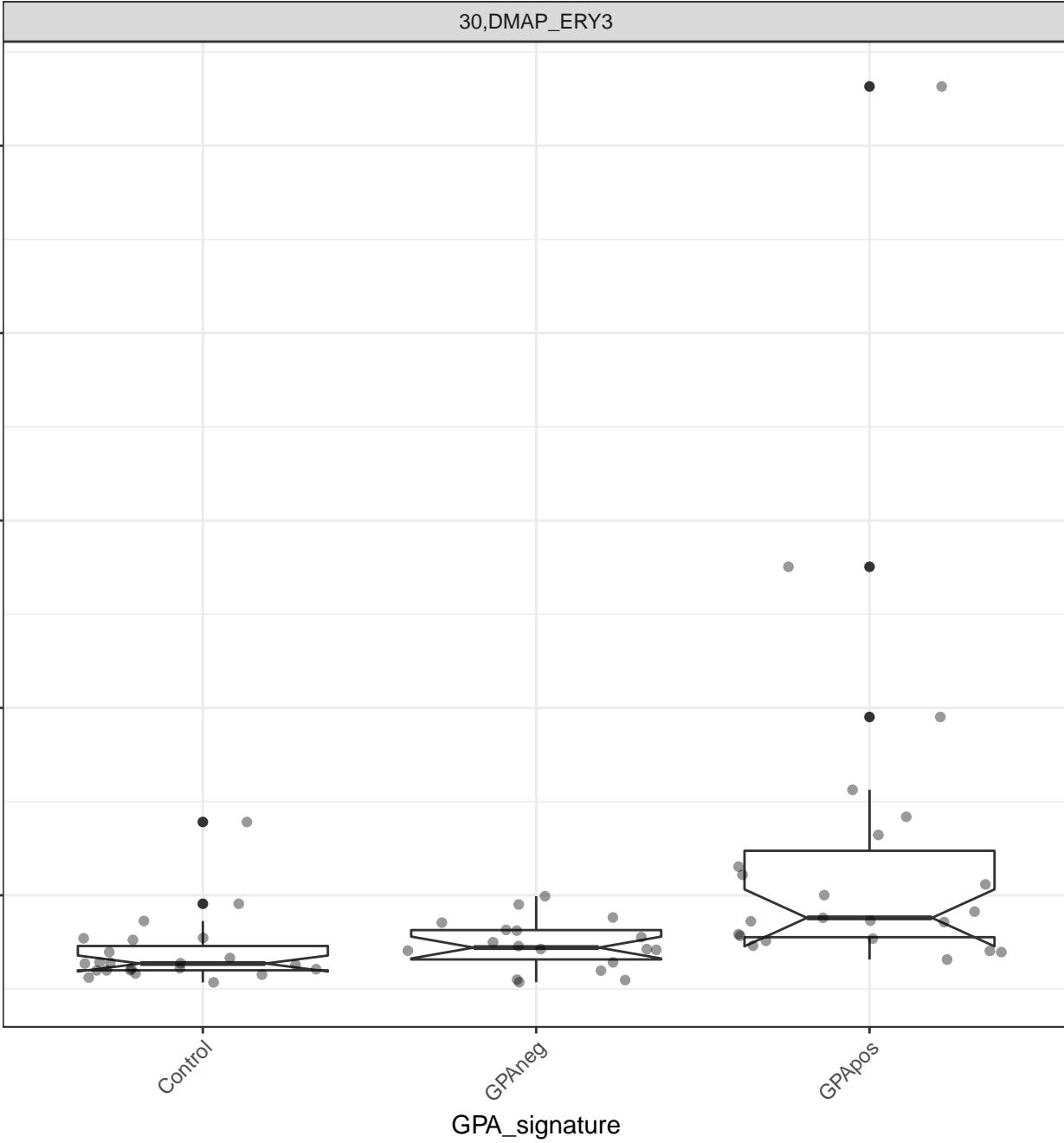
0.0

Control

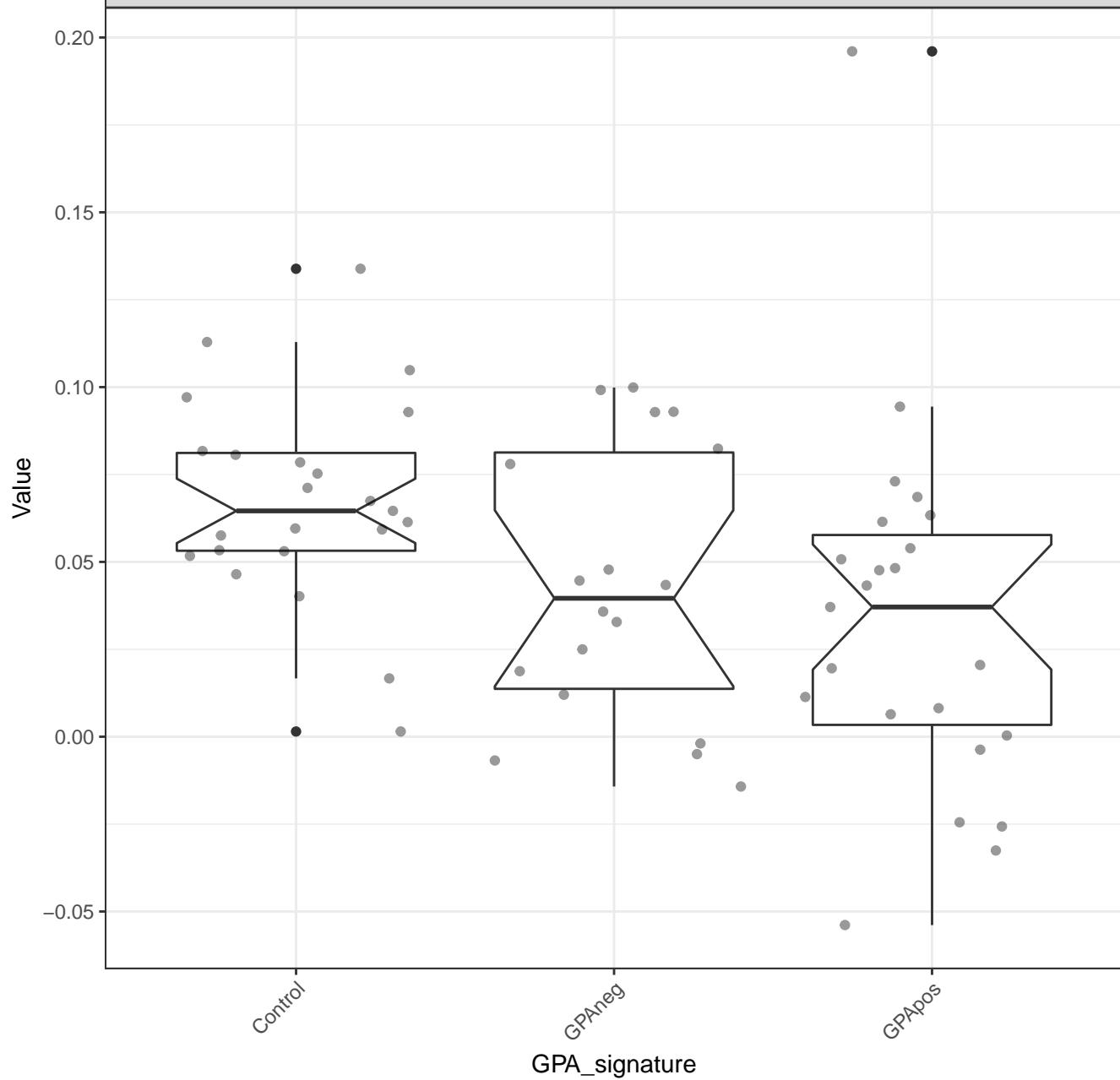
GPA_signature

GPAneg

GPAPos



31,SVM B cells naive



LV 32

Value

0.05

0.00

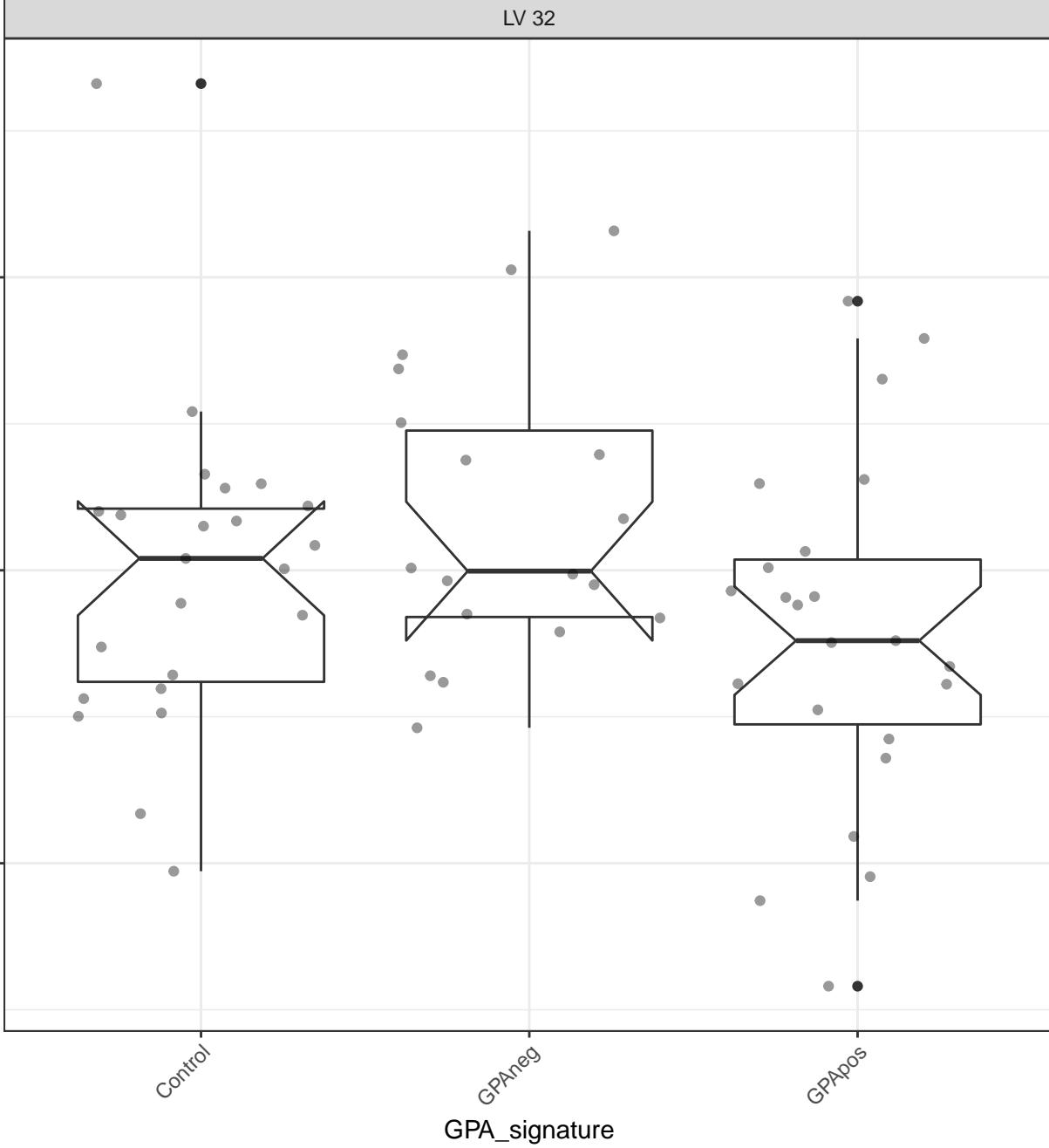
-0.05

Control

GPAneg

GPAPos

GPA_signature



LV 33

Value

0.04

0.00

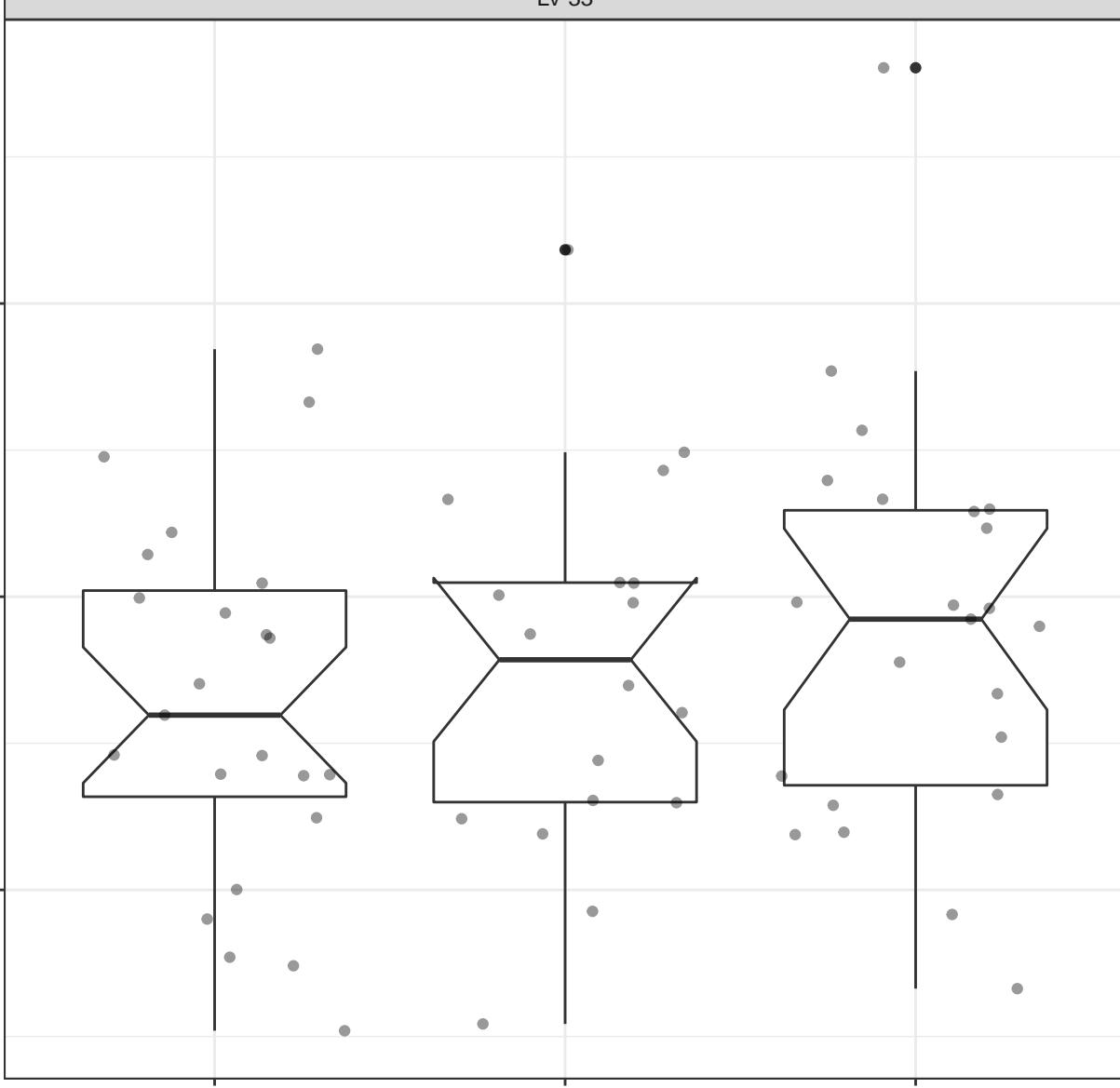
-0.04

Control

GPAneg

GPAPos

GPA_signature



Value

0.2

0.1

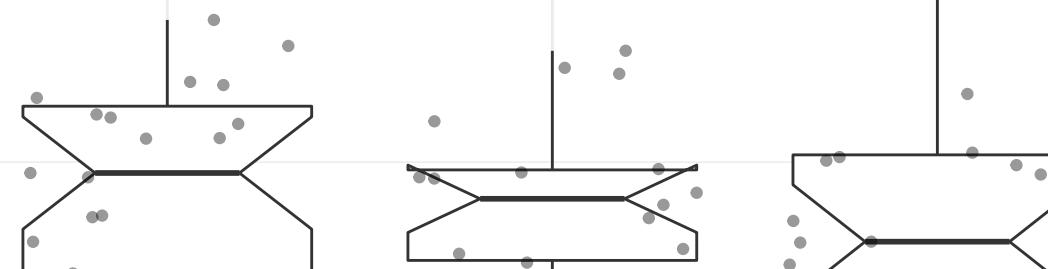
0.0

Control

GPAneg

GPAPos

GPA_signature



Value

0.20

0.15

0.10

0.05

0.00

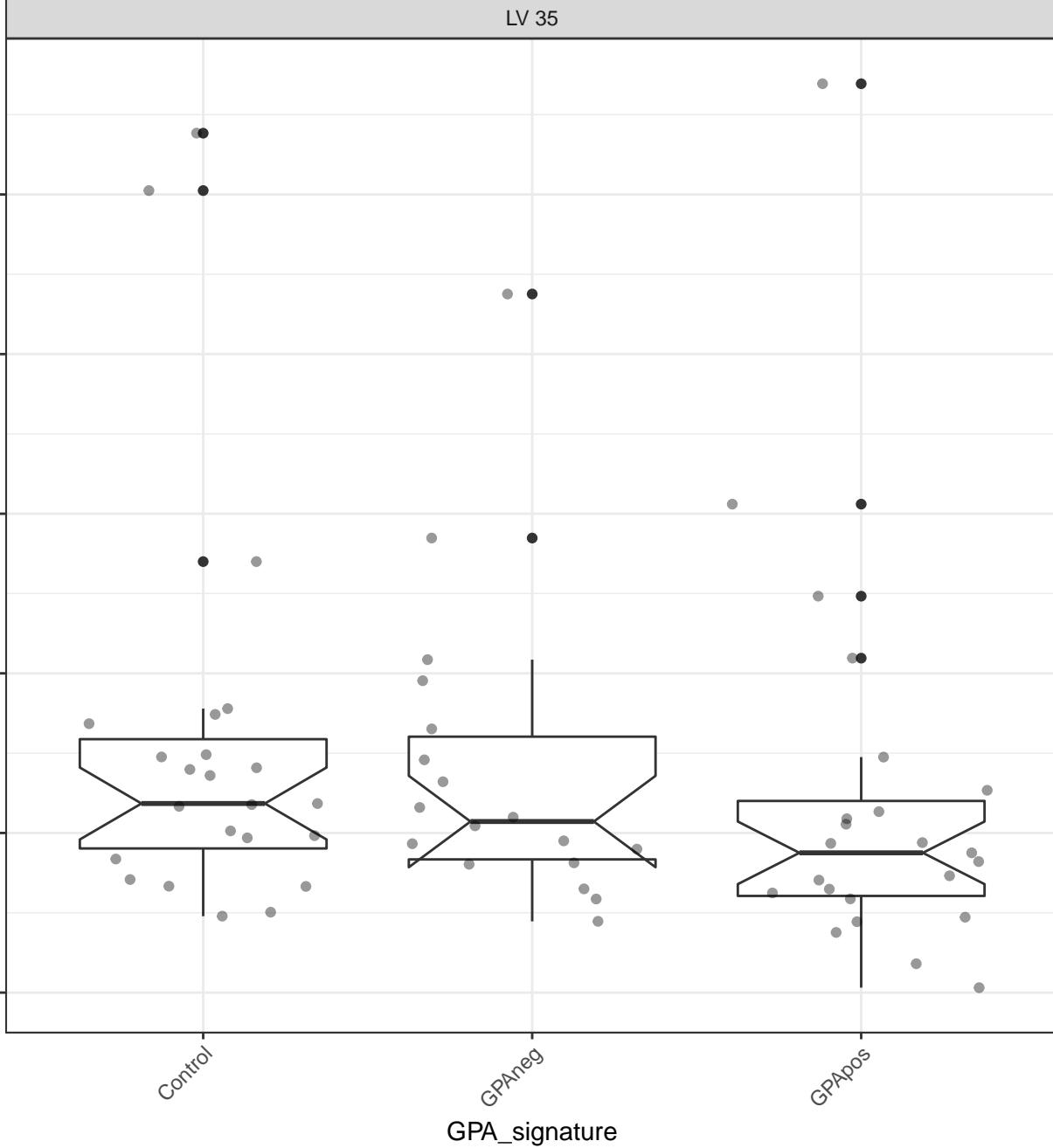
-0.05

Control

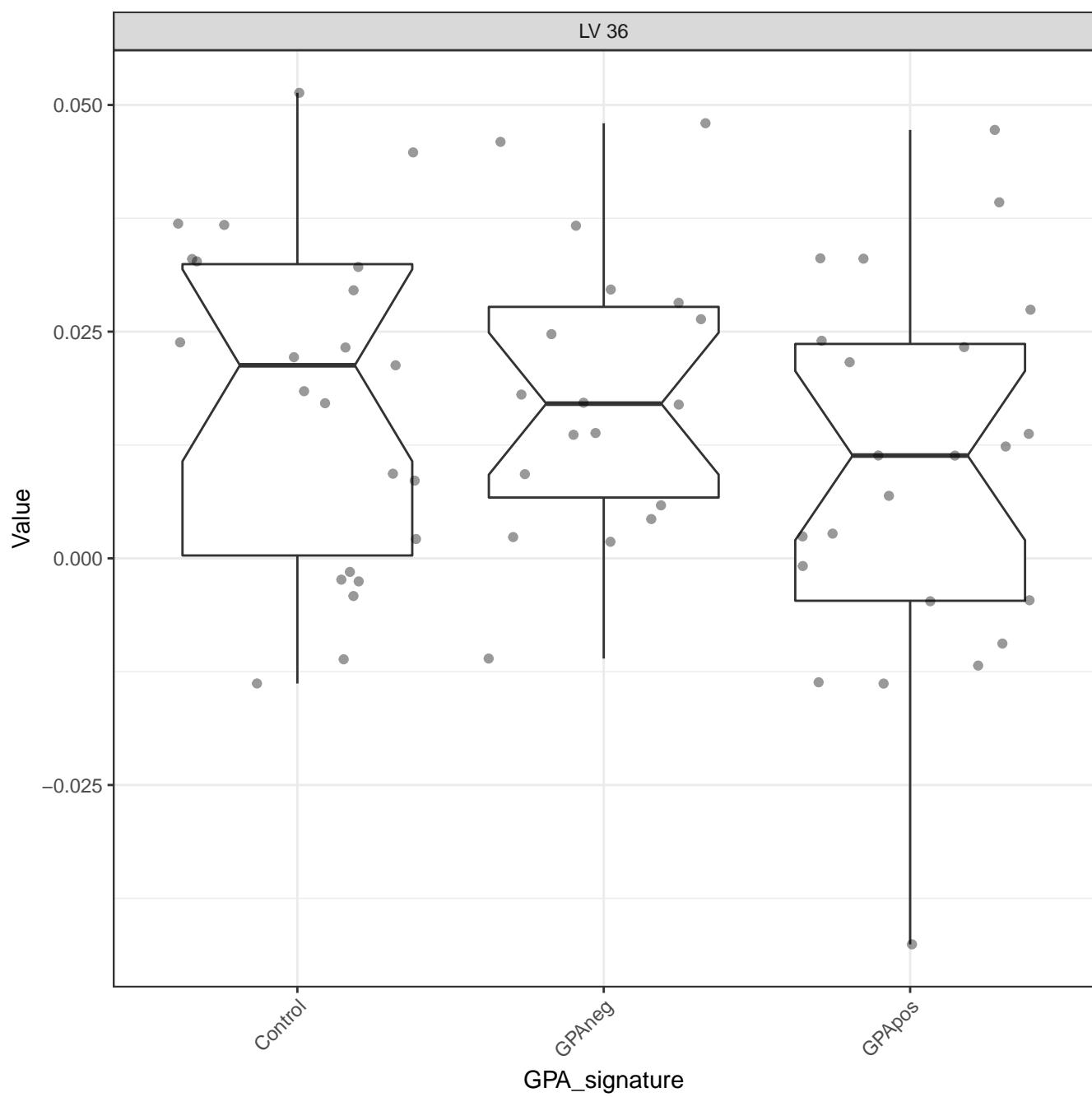
GPAneg

GPApos

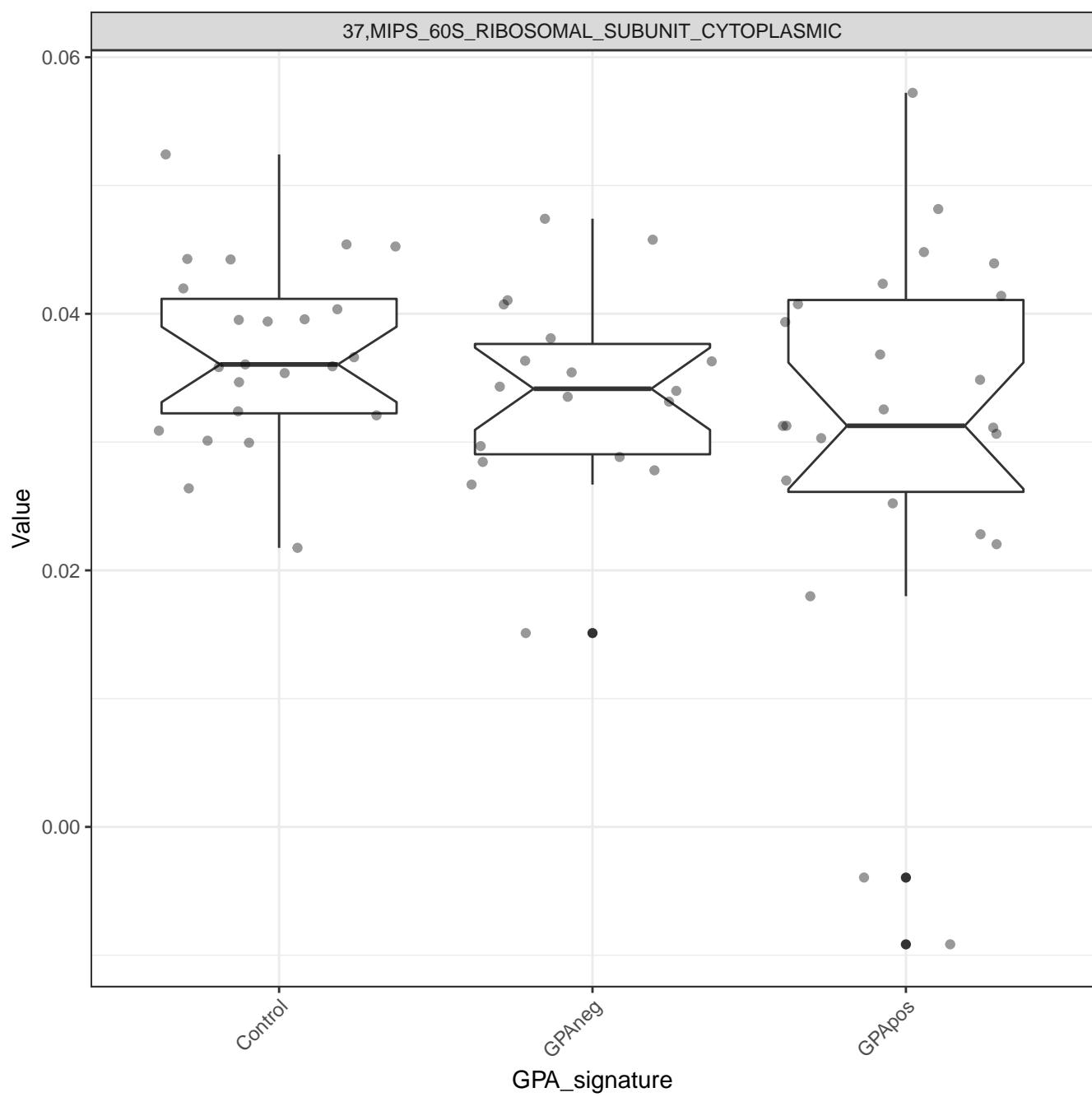
GPA_signature



LV 36



37,MIPS_60S_RIBOSOMAL_SUBUNIT_CYTOPLASMIC



38,PID_PLK1_PATHWAY

Value

0.4

0.2

0.0

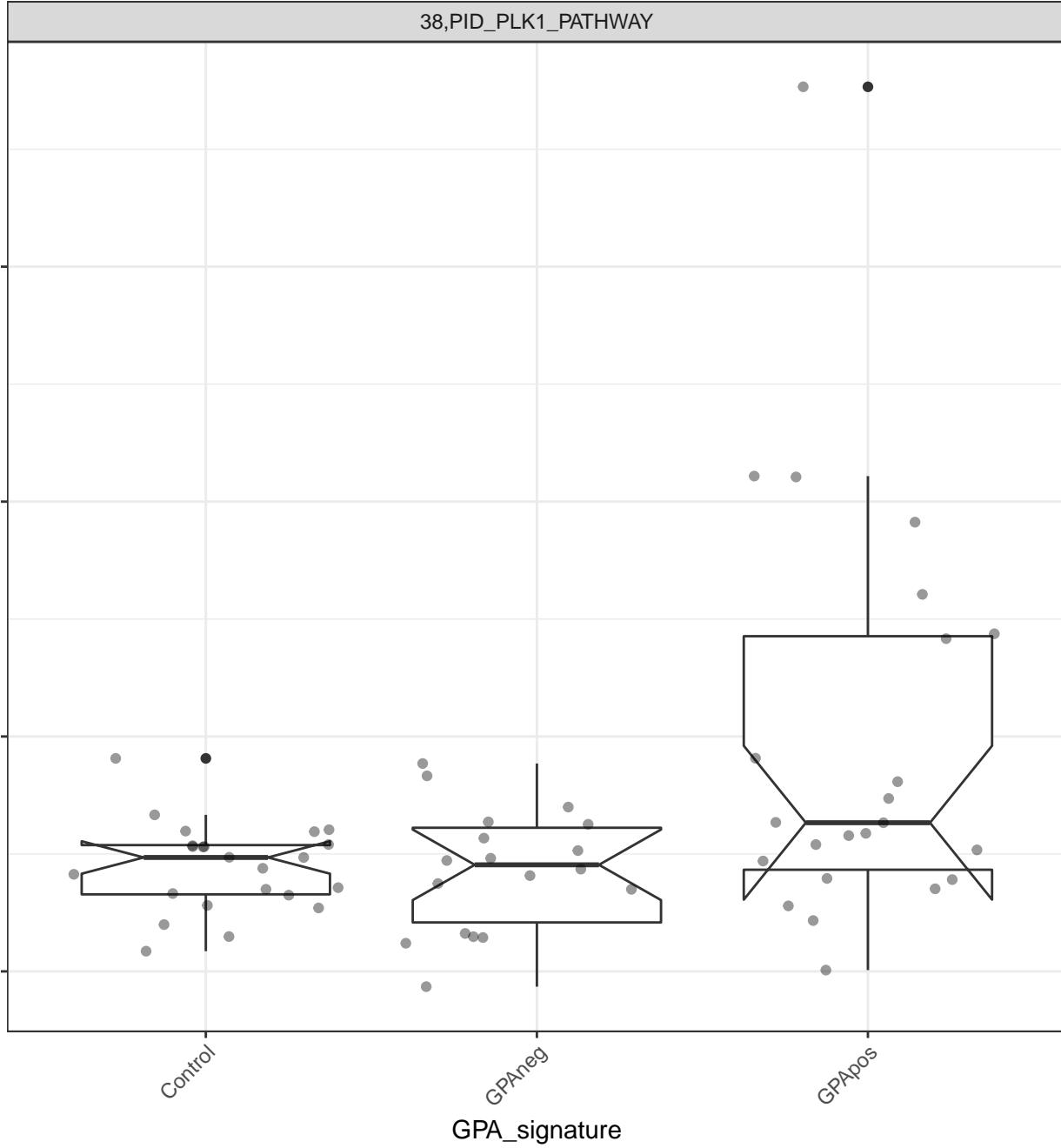
-0.2

Control

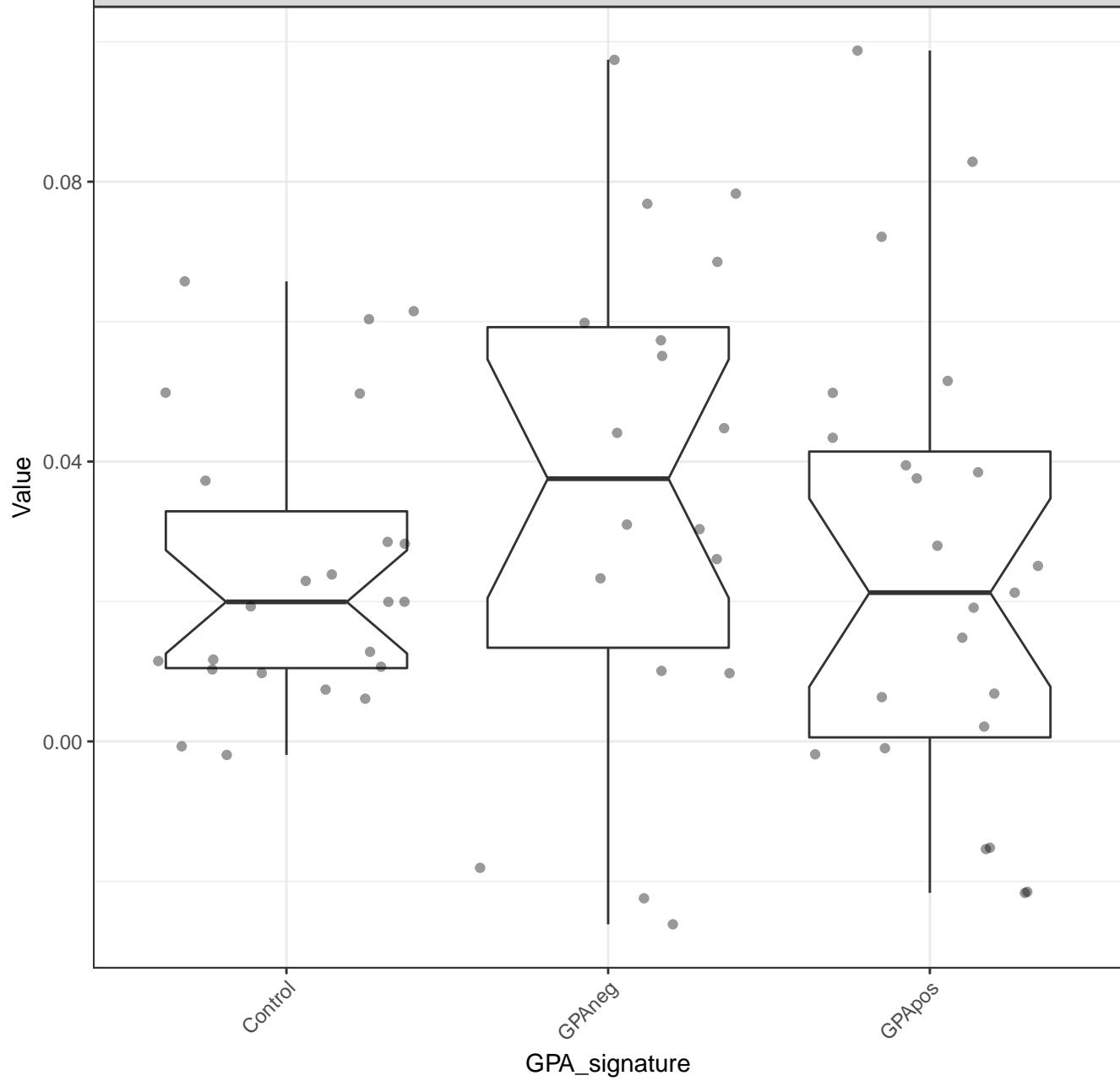
GPA_signature

GPAneg

GPApos



39,SVM Dendritic cells resting



LV 40

Value

0.000

-0.025

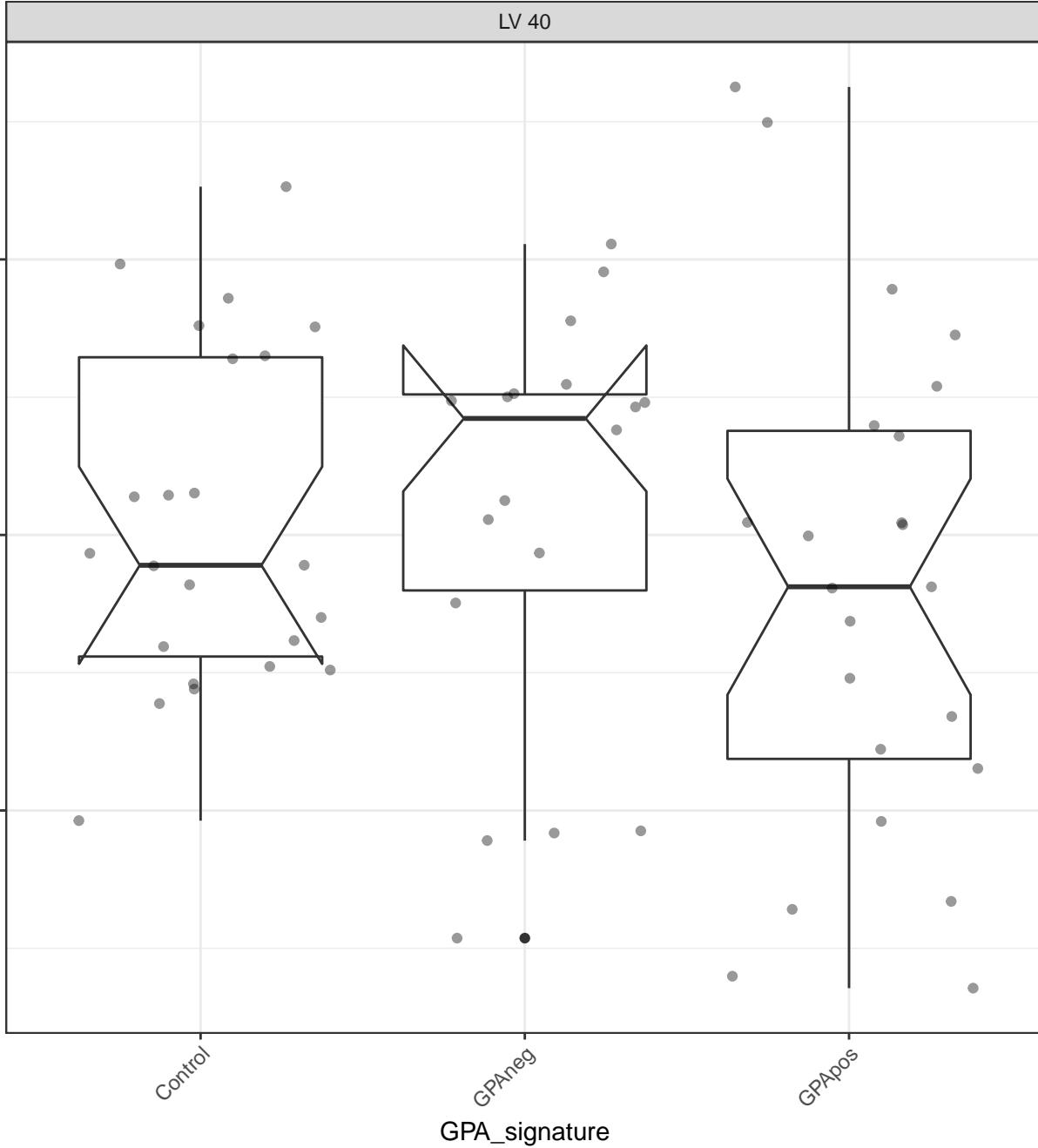
-0.050

Control

GPAneg

GPAPos

GPA_signature



LV 41

Value

0.050

0.025

0.000

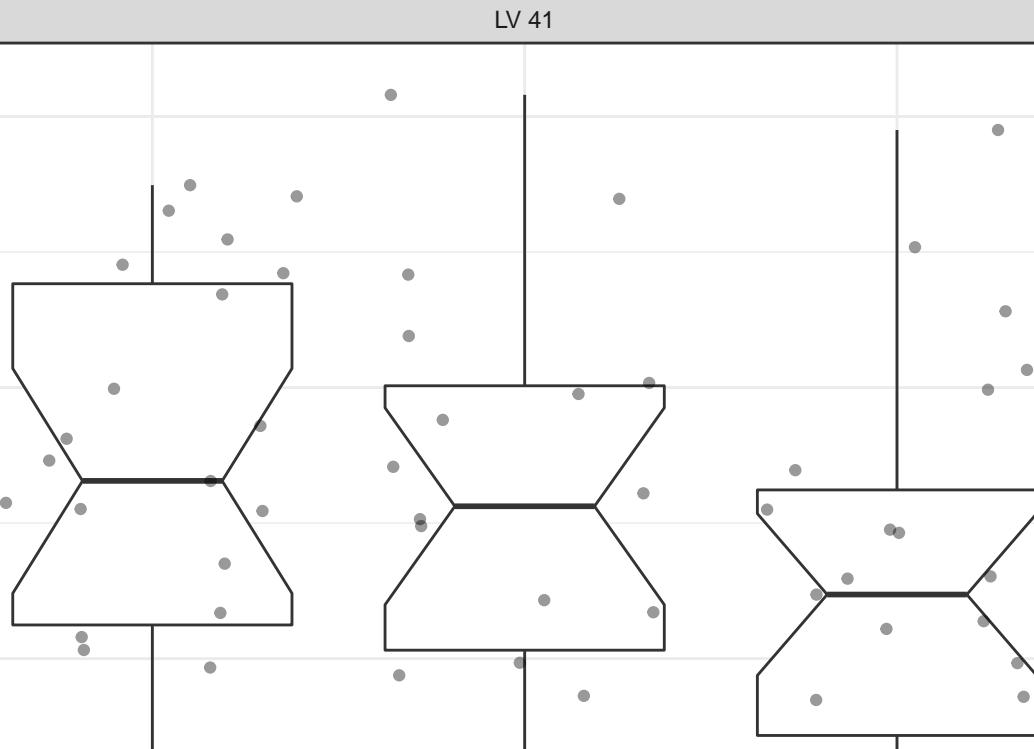
-0.025

Control

GPAneg

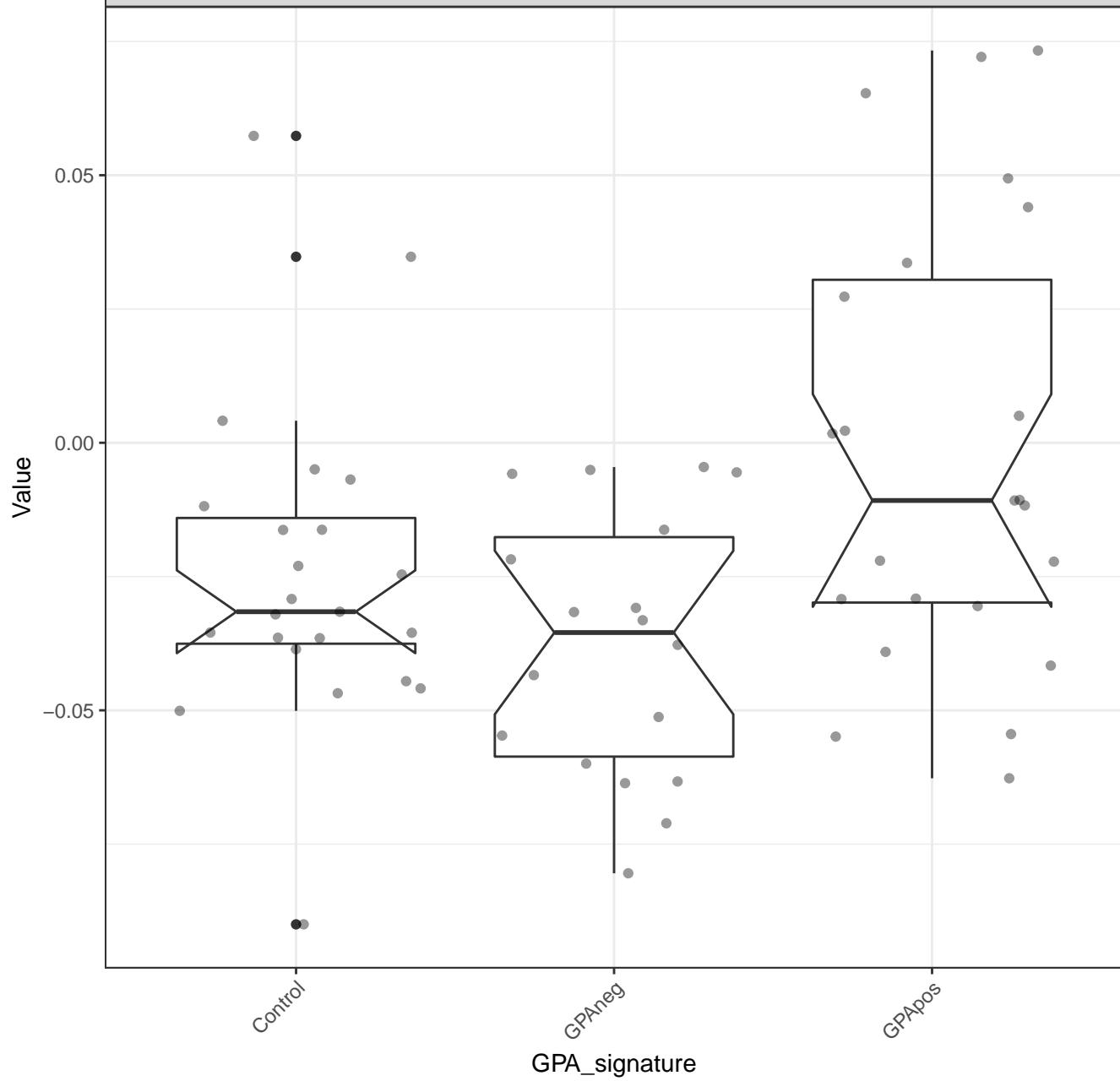
GPAPos

GPA_signature

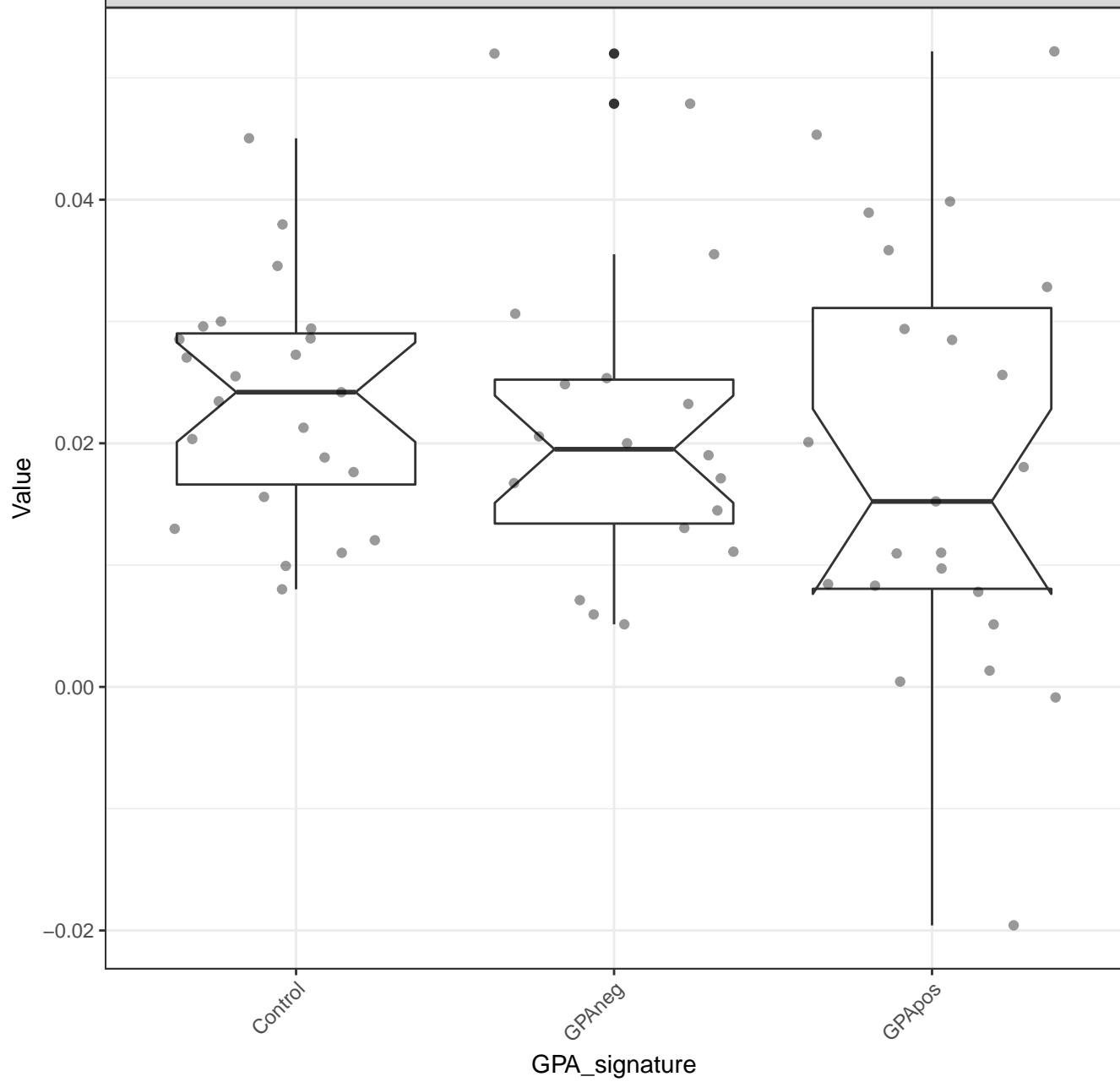


GPA_signature

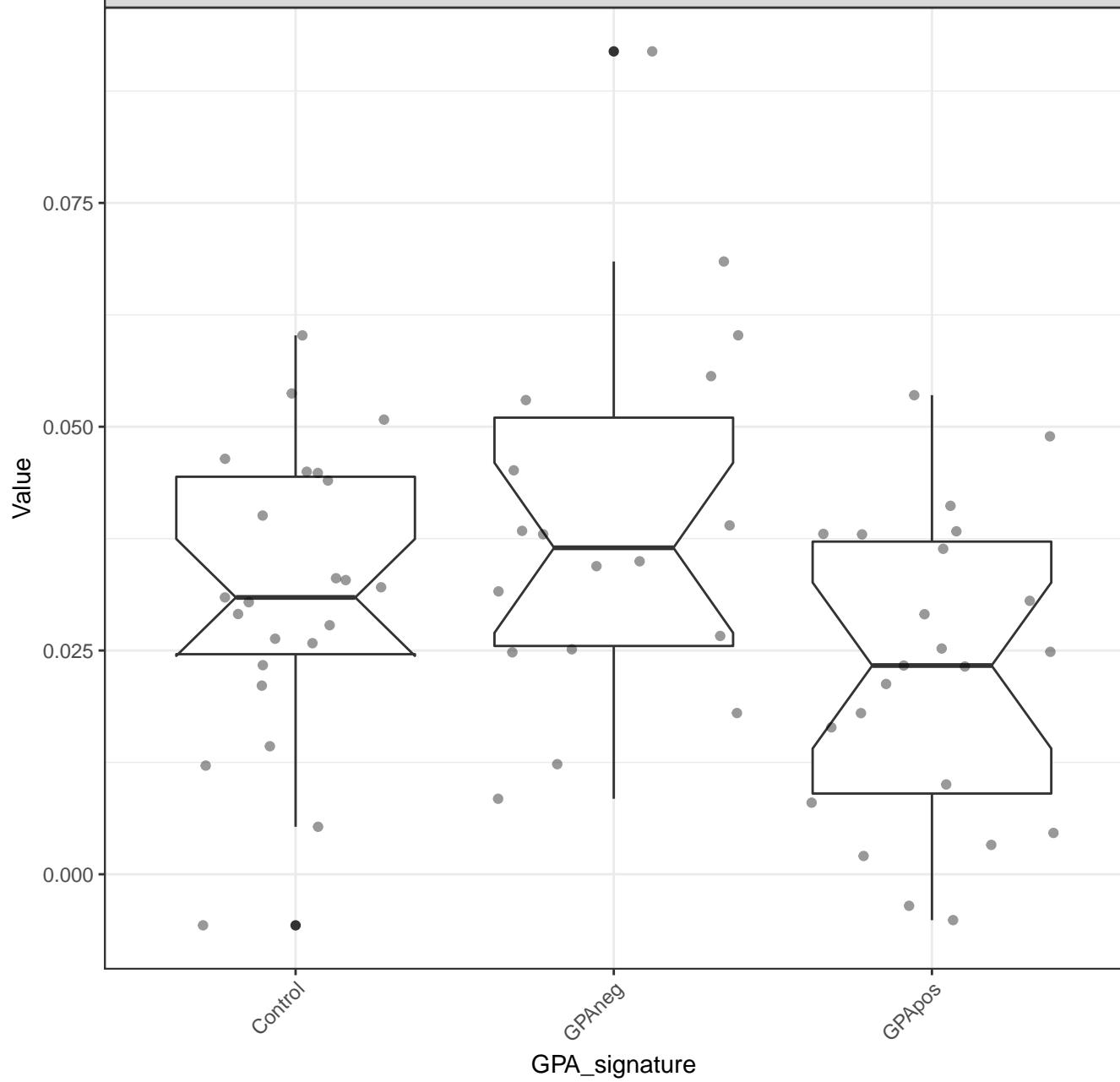
42,DMAP_HSC1



LV 43



LV 44



45,REACTOME_RNA_POL_I_PROMOTER_OPENING

Value

0.00

-0.04

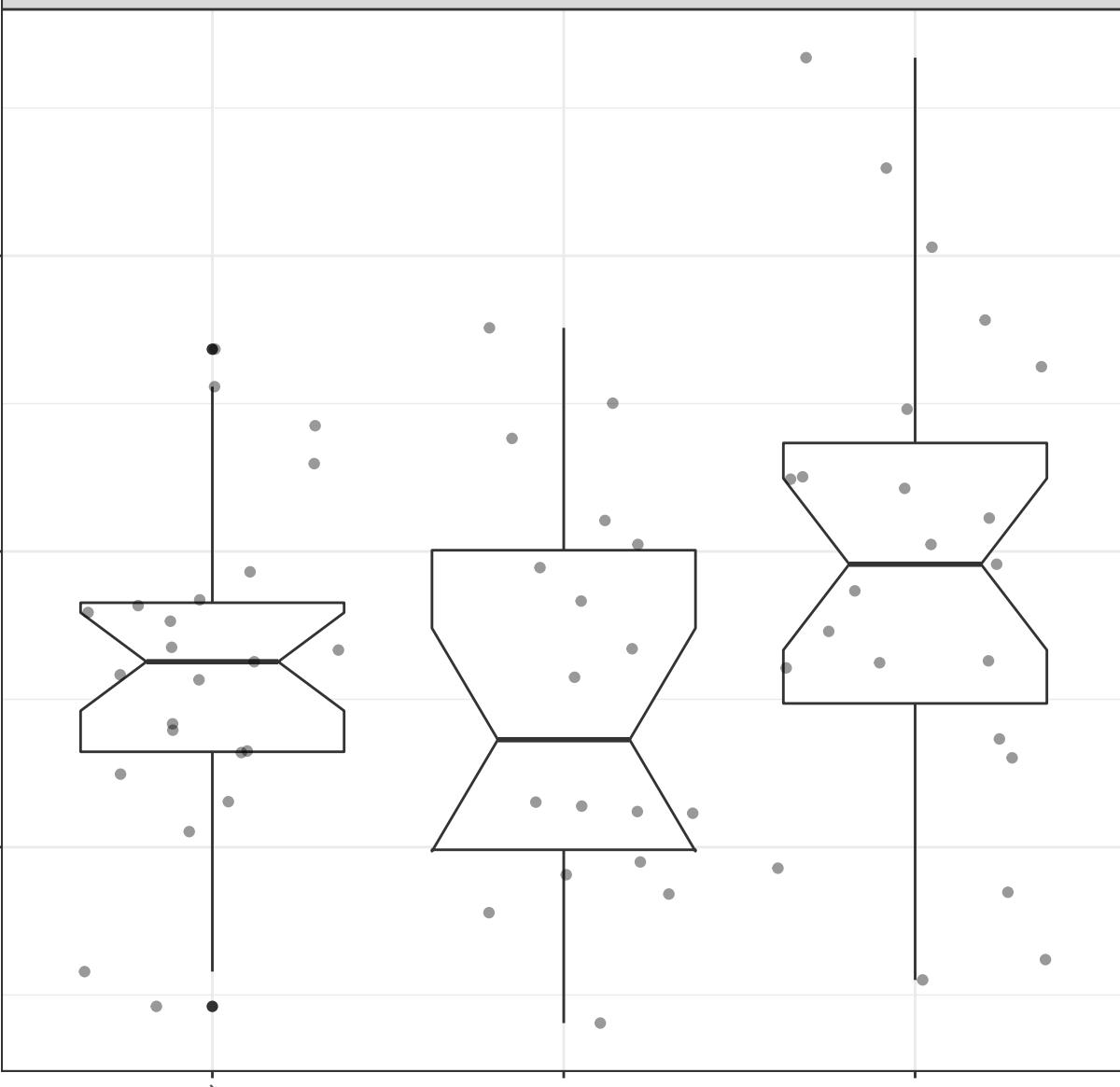
-0.08

Control

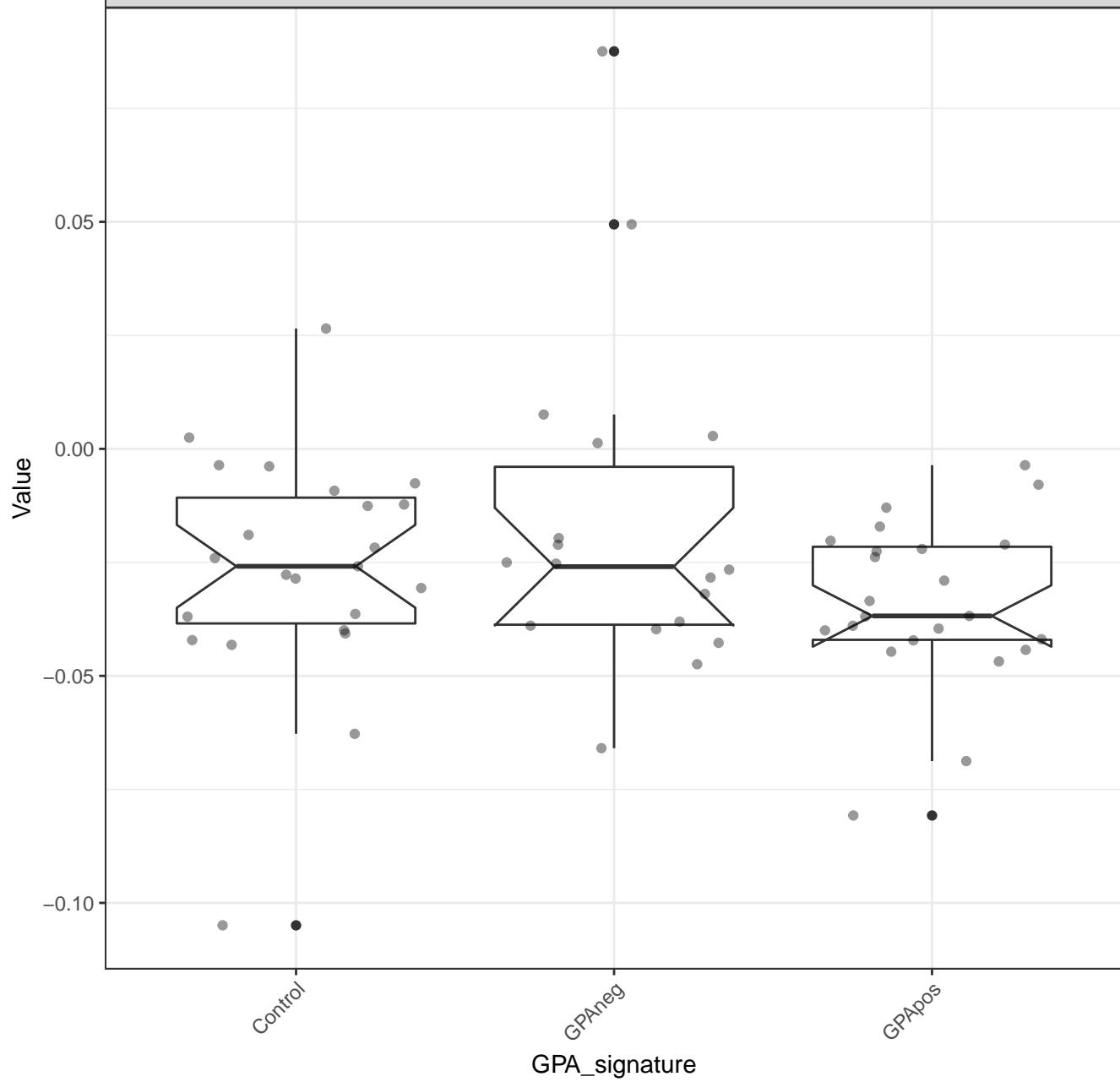
GPA_signature

GPAneg

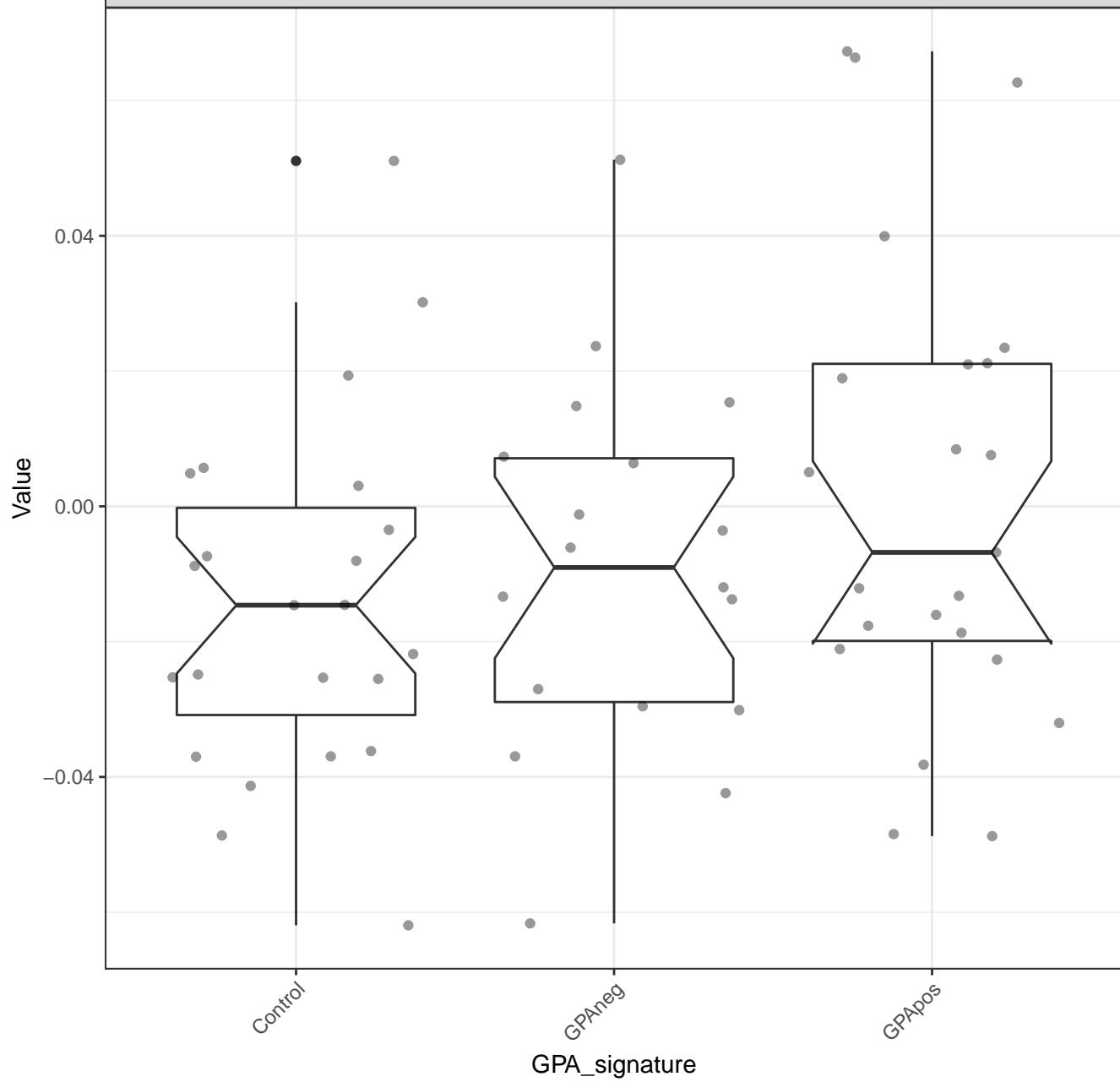
GPApos



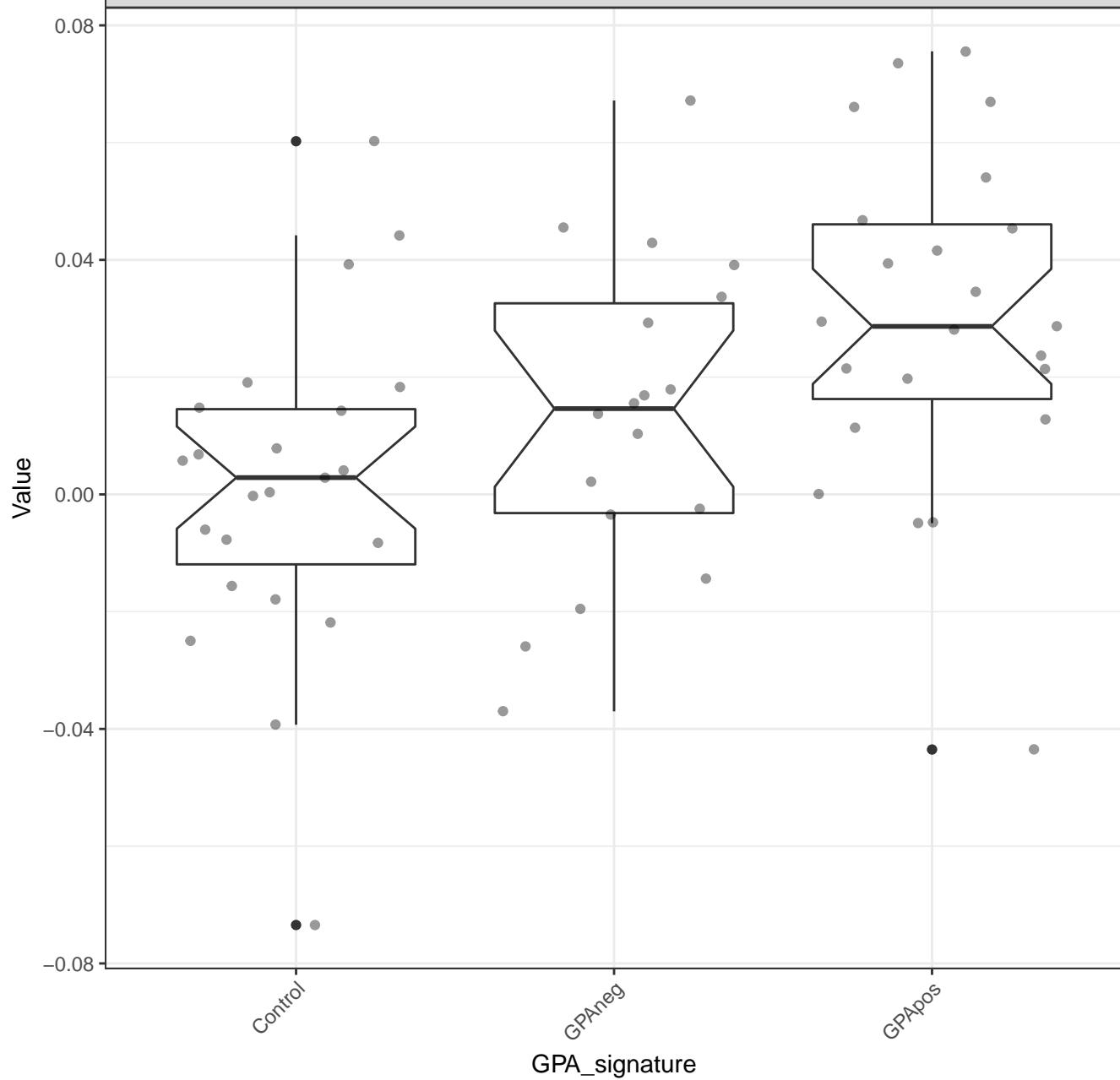
LV 46



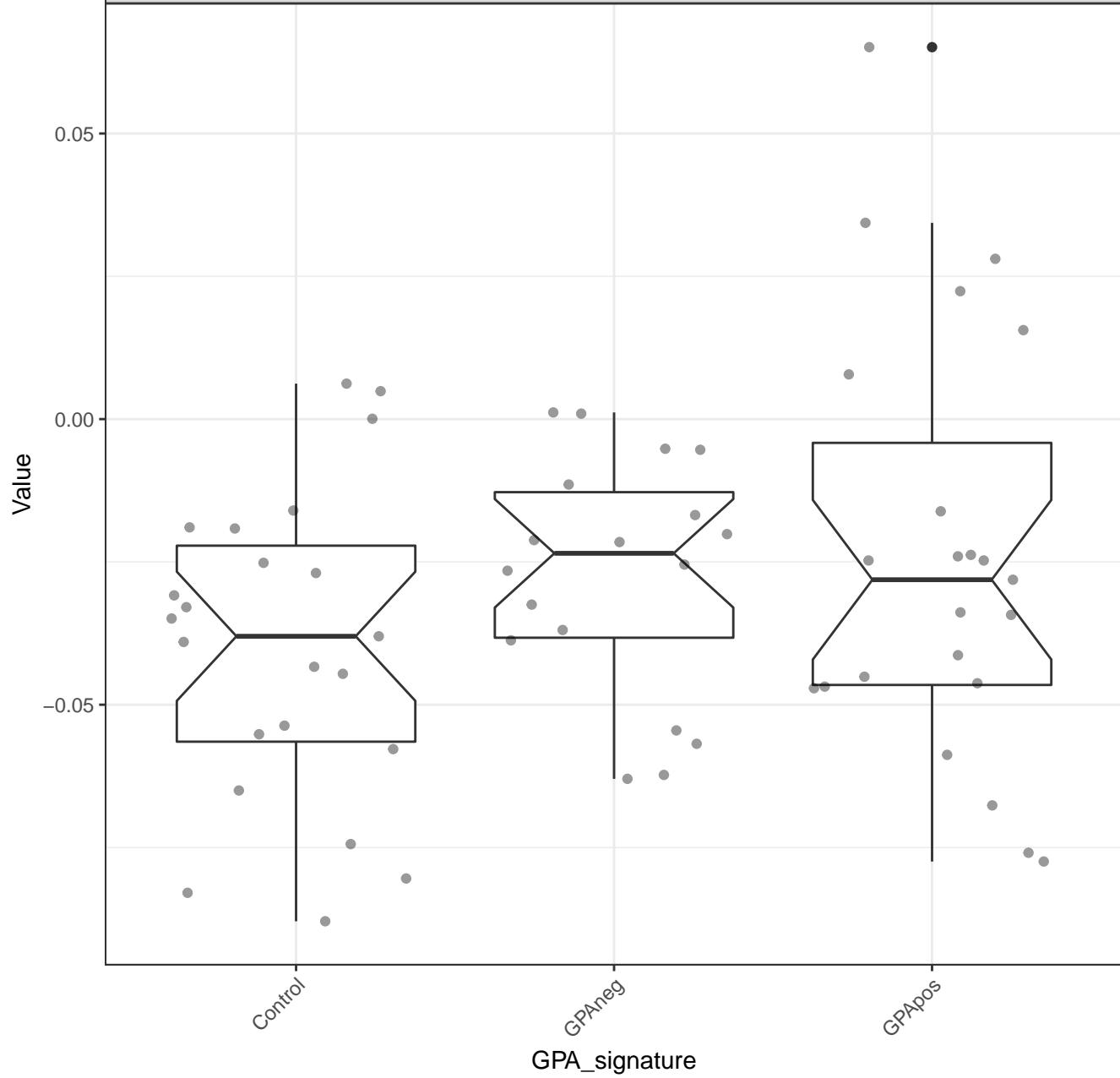
LV 47



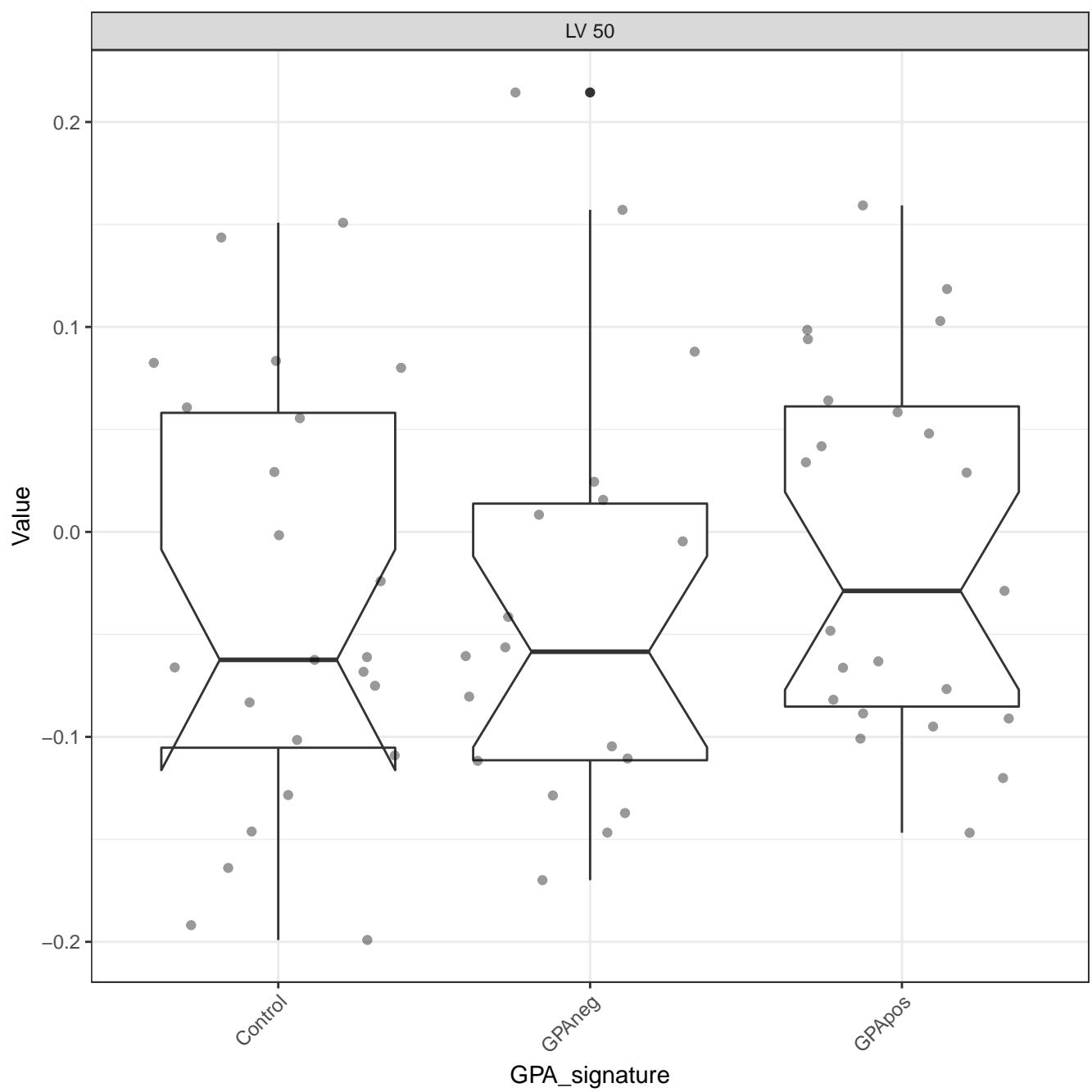
48,MIPS_RIBOSOME_CYTOPLASMIC



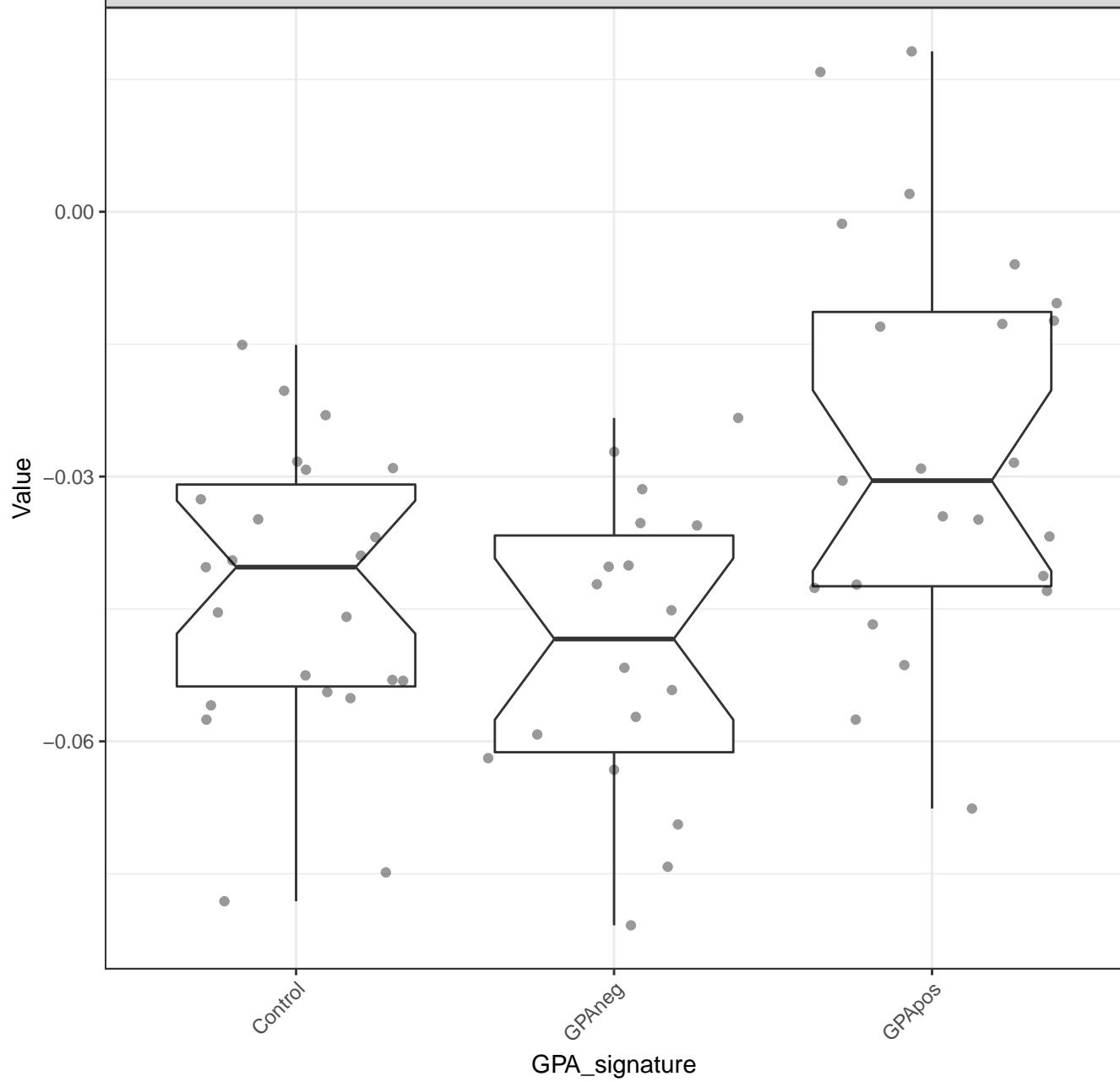
49,KEGG_DILATED_CARDIOMYOPATHY



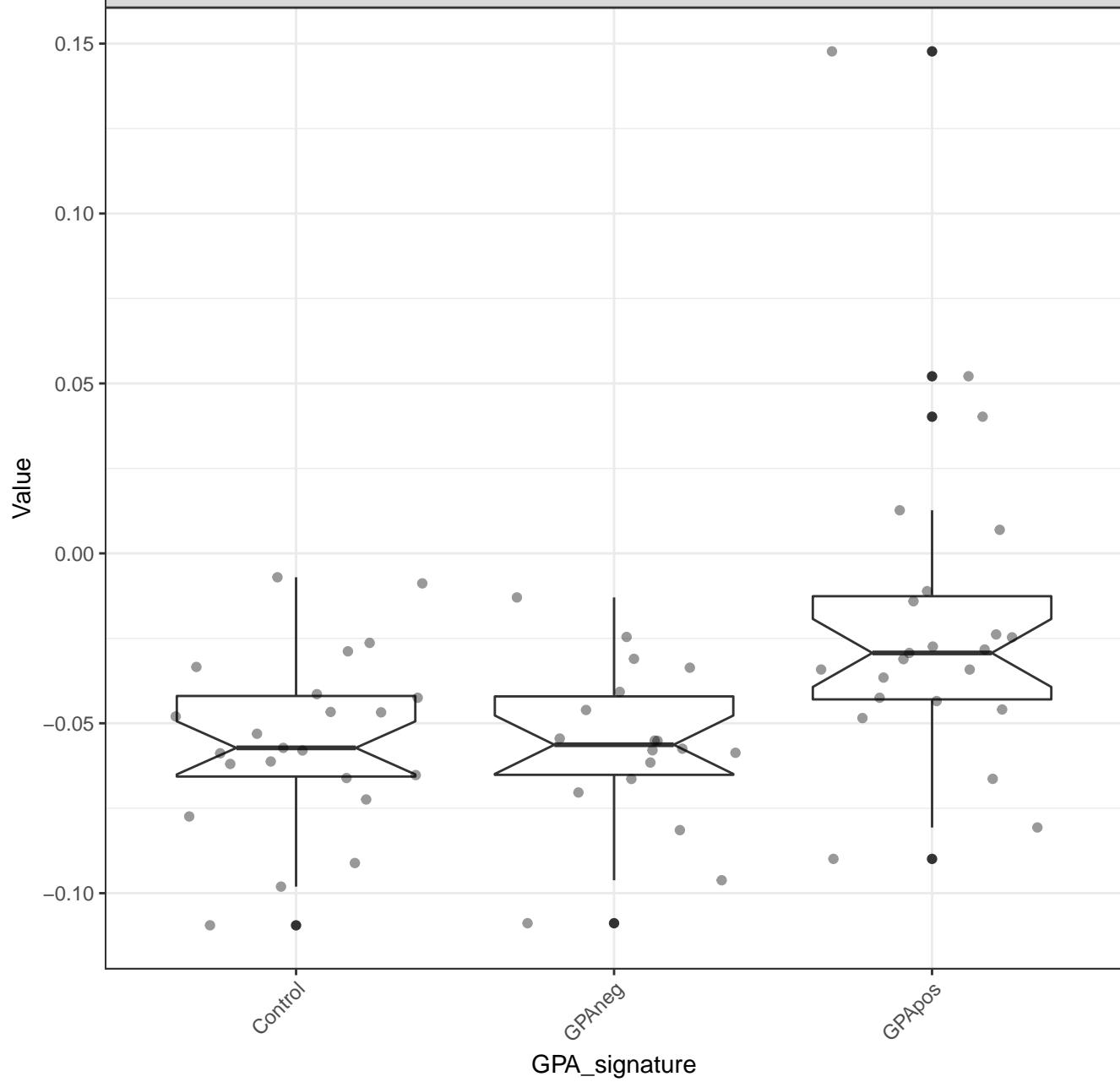
LV 50



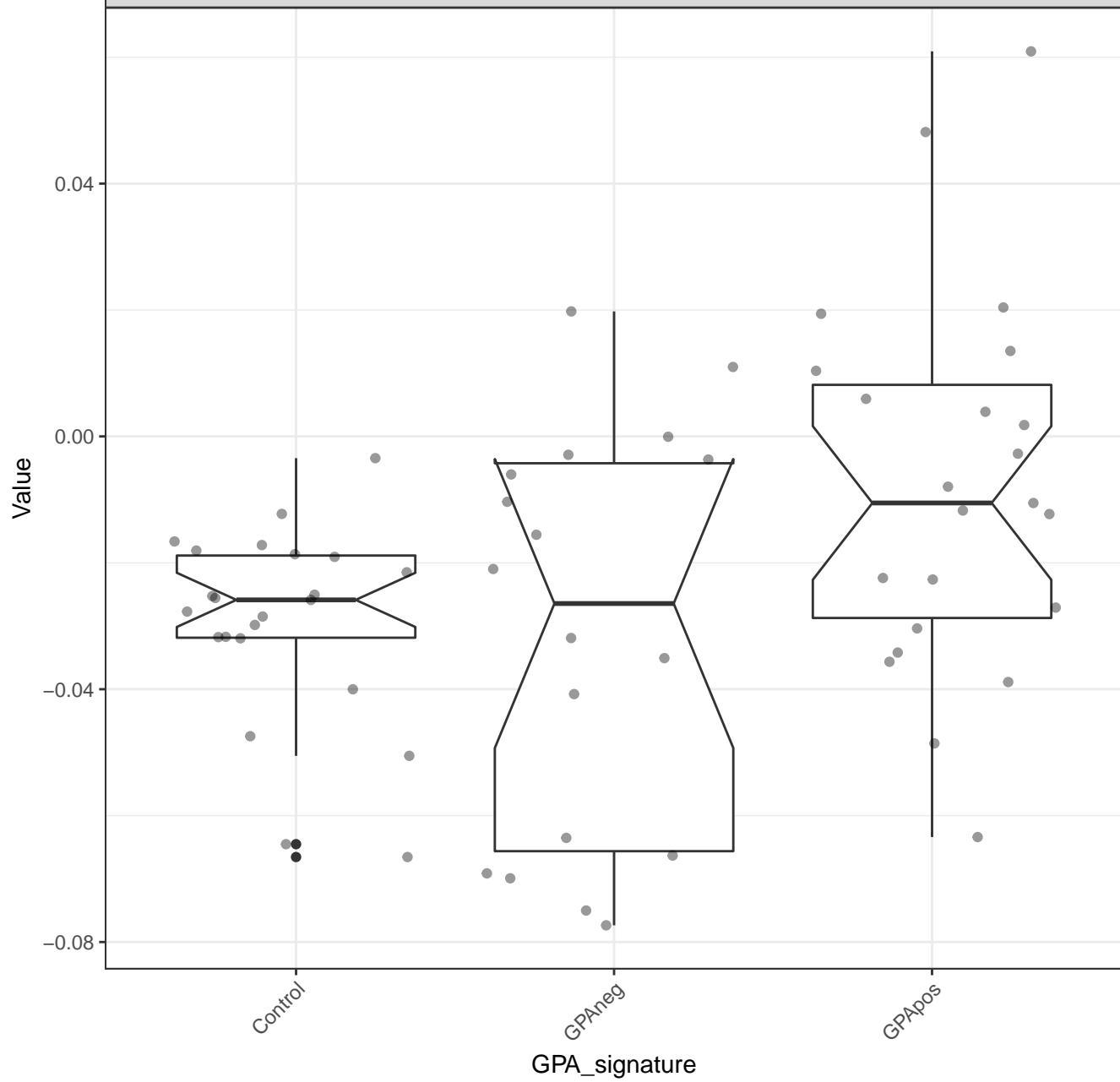
LV 51



LV 52



LV 53



LV 54

Value

0.00

-0.05

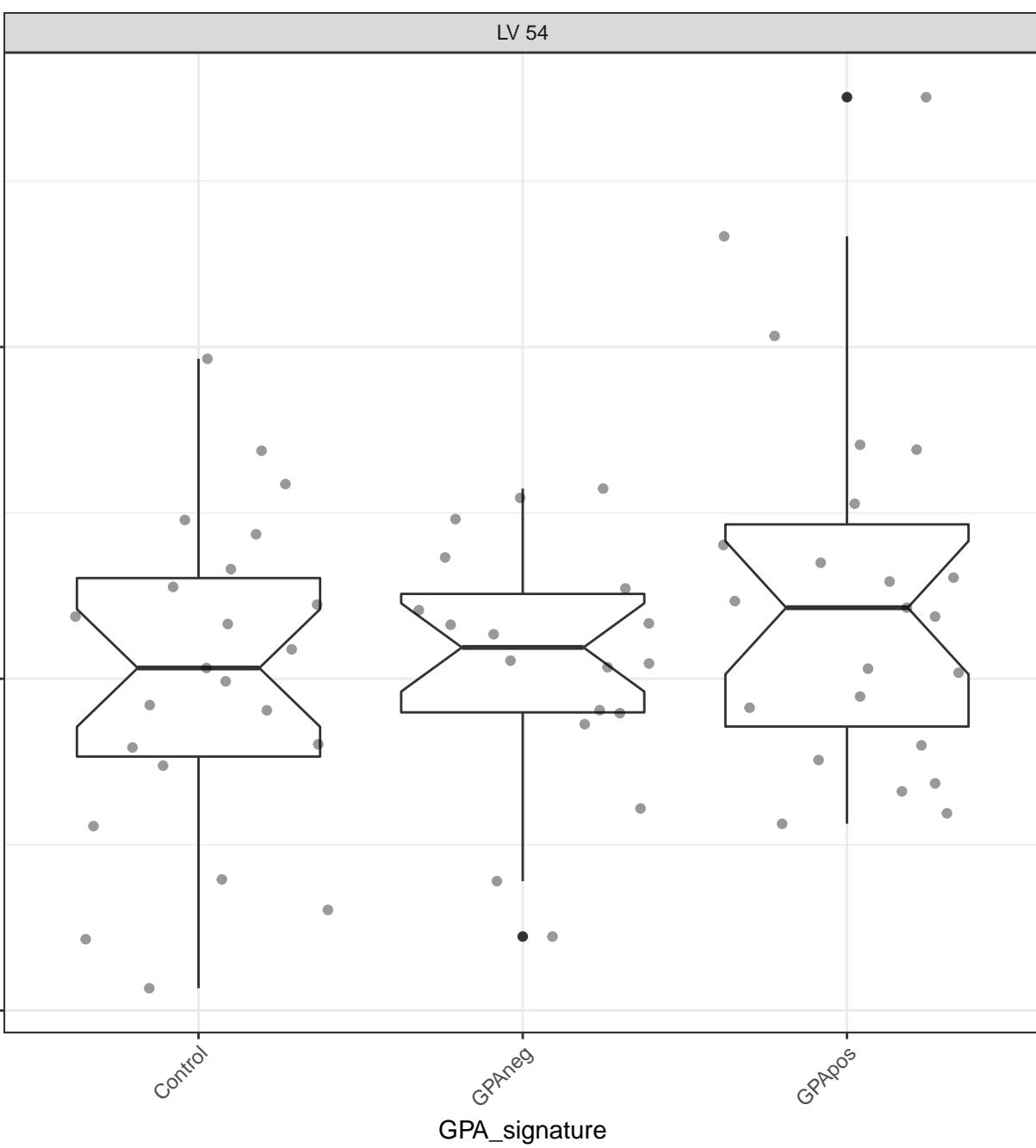
-0.10

Control

GPAneg

GPAPos

GPA_signature



LV 55

Value

0.10

0.05

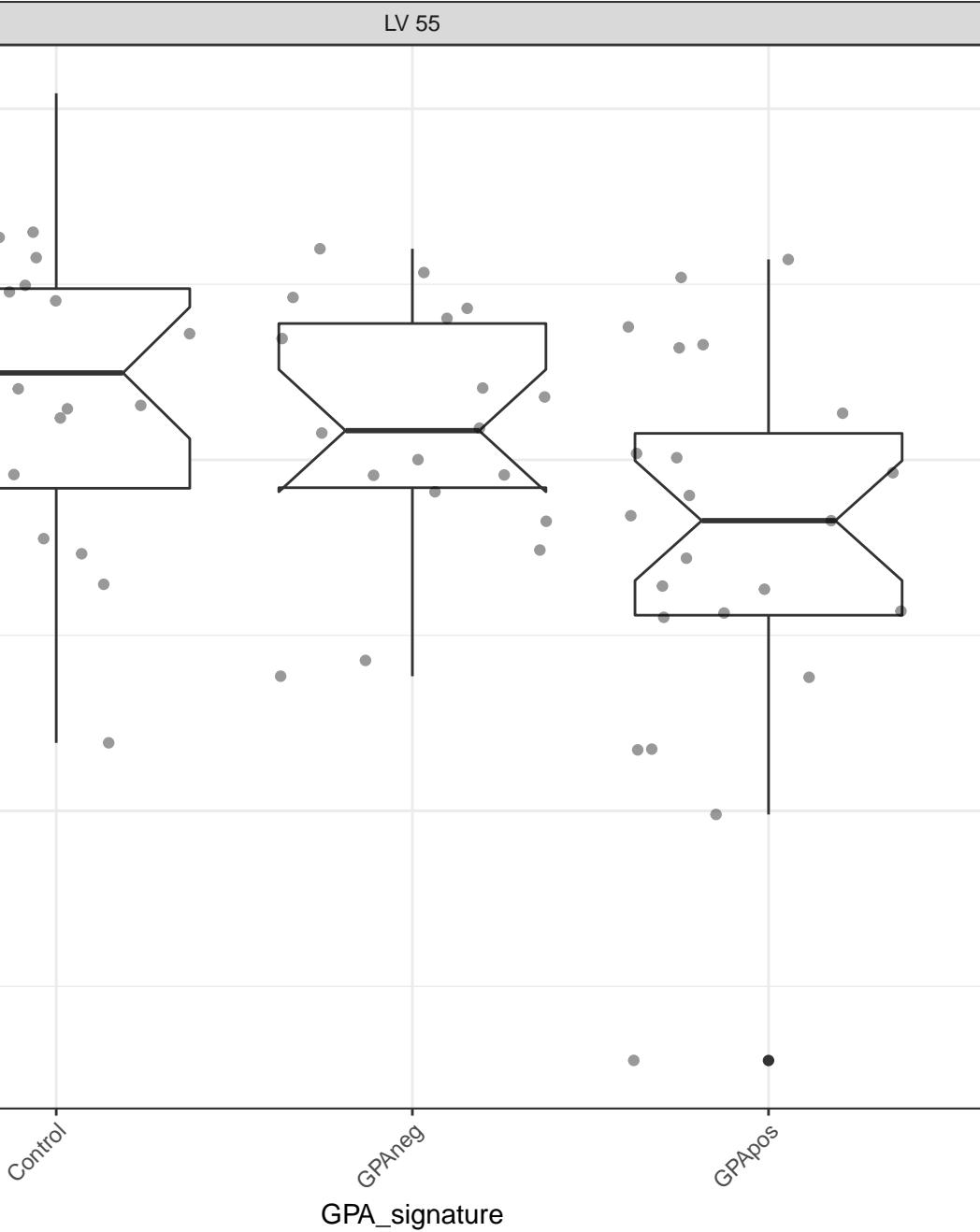
0.00

Control

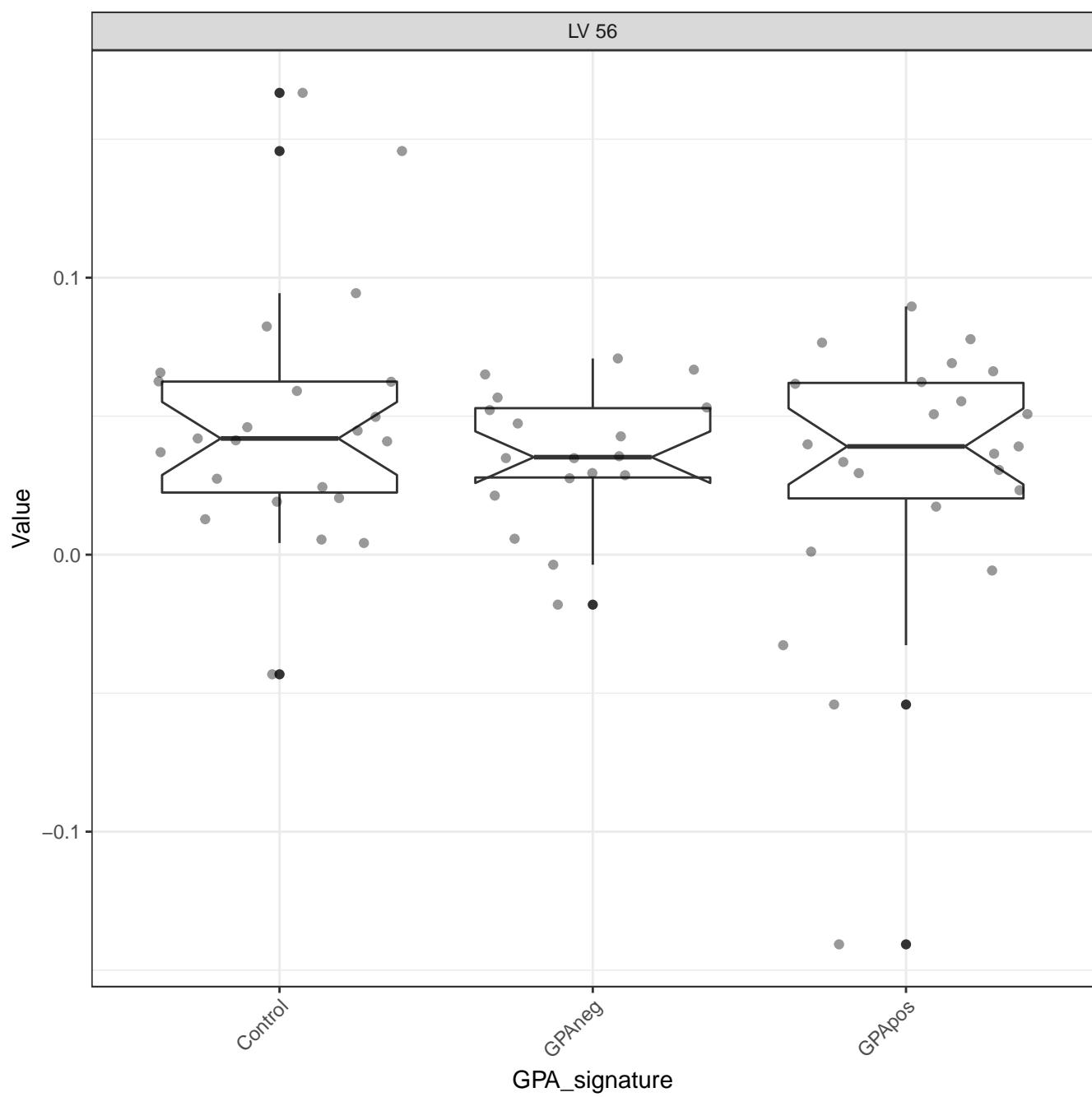
GPA_signature

GPAneg

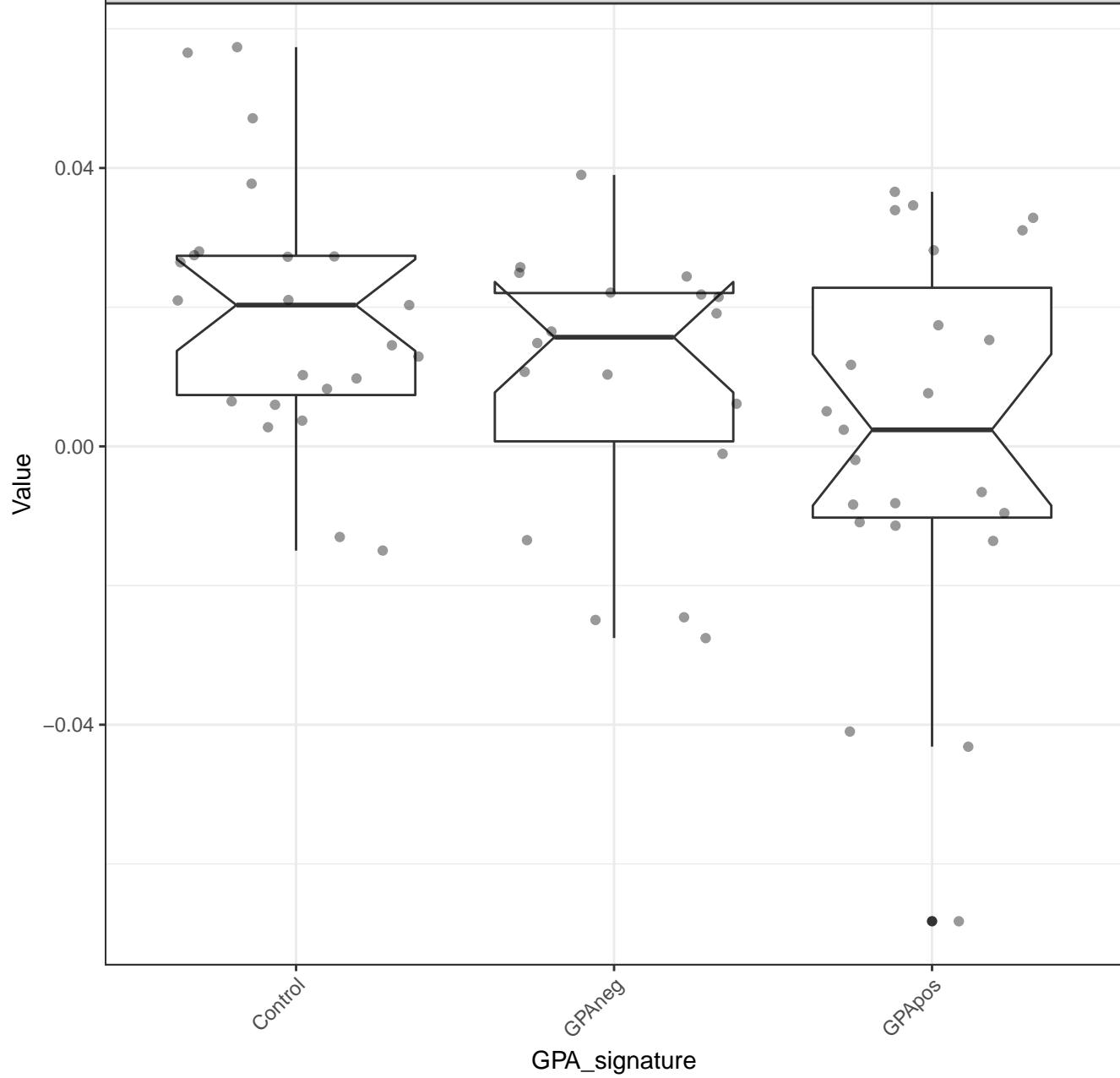
GPAPos



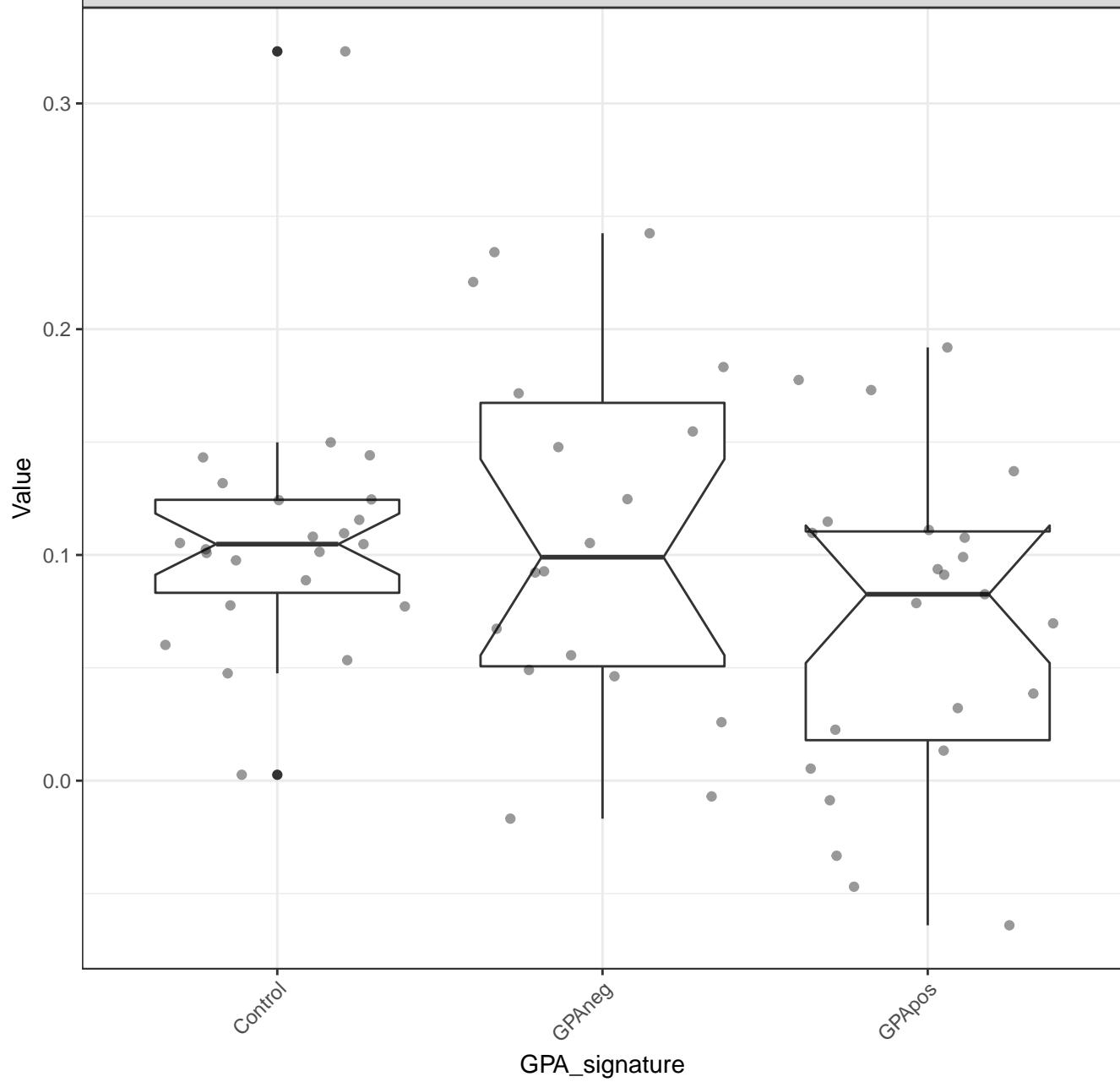
LV 56



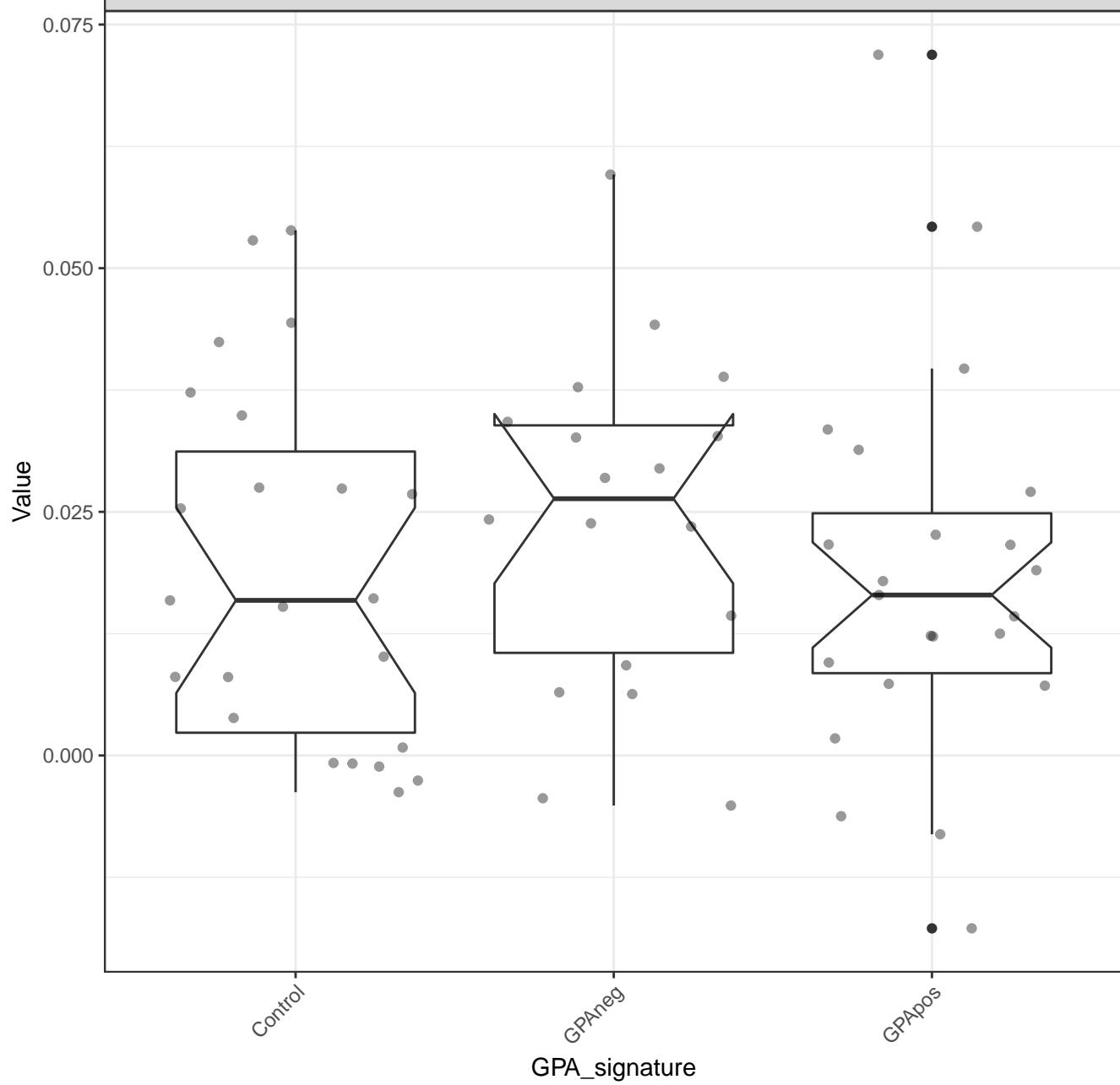
57,SVM T cells CD4 memory activated



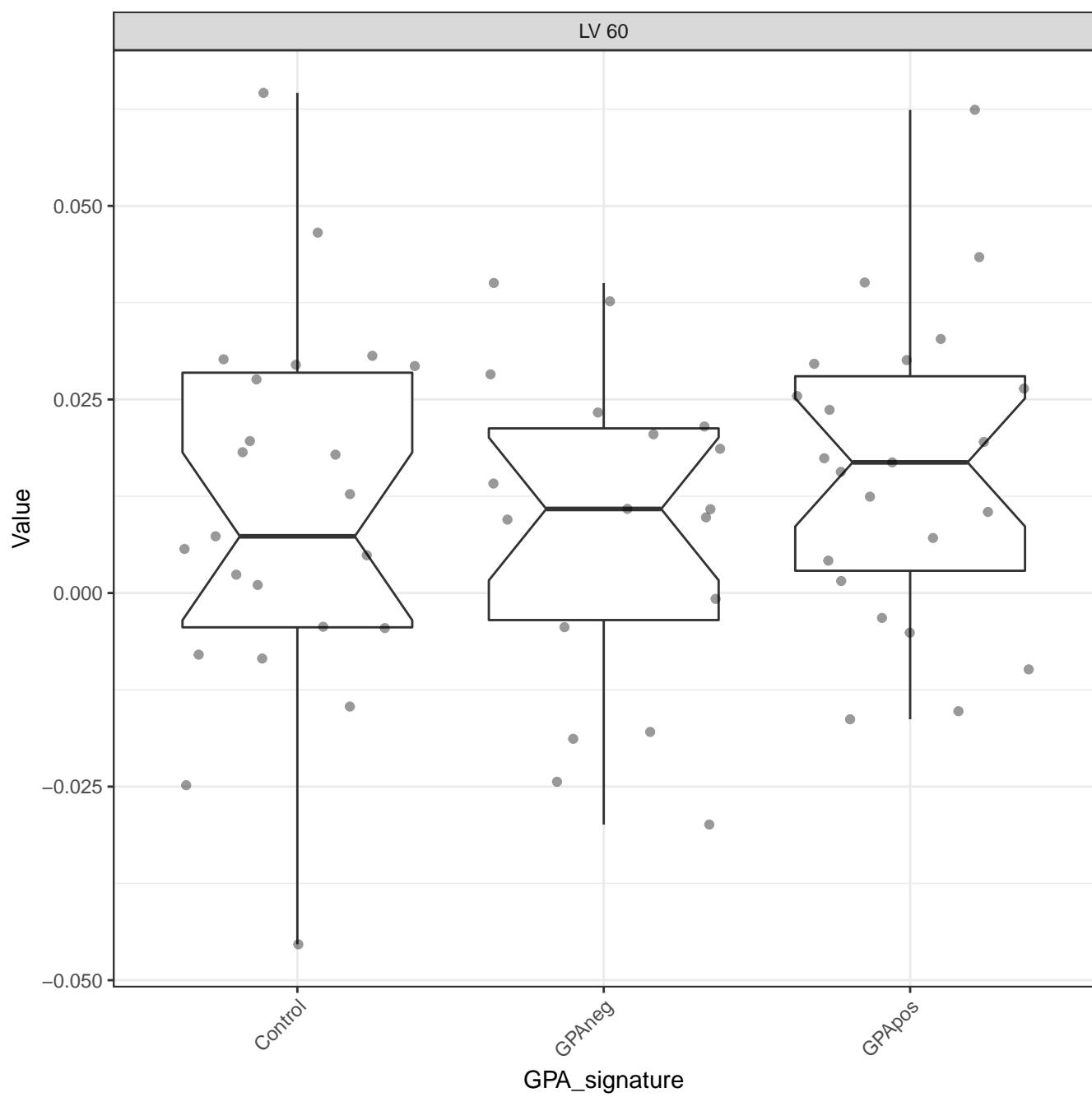
58,SVM NK cells resting



LV 59



LV 60



61,DMAP_ERY5

Value

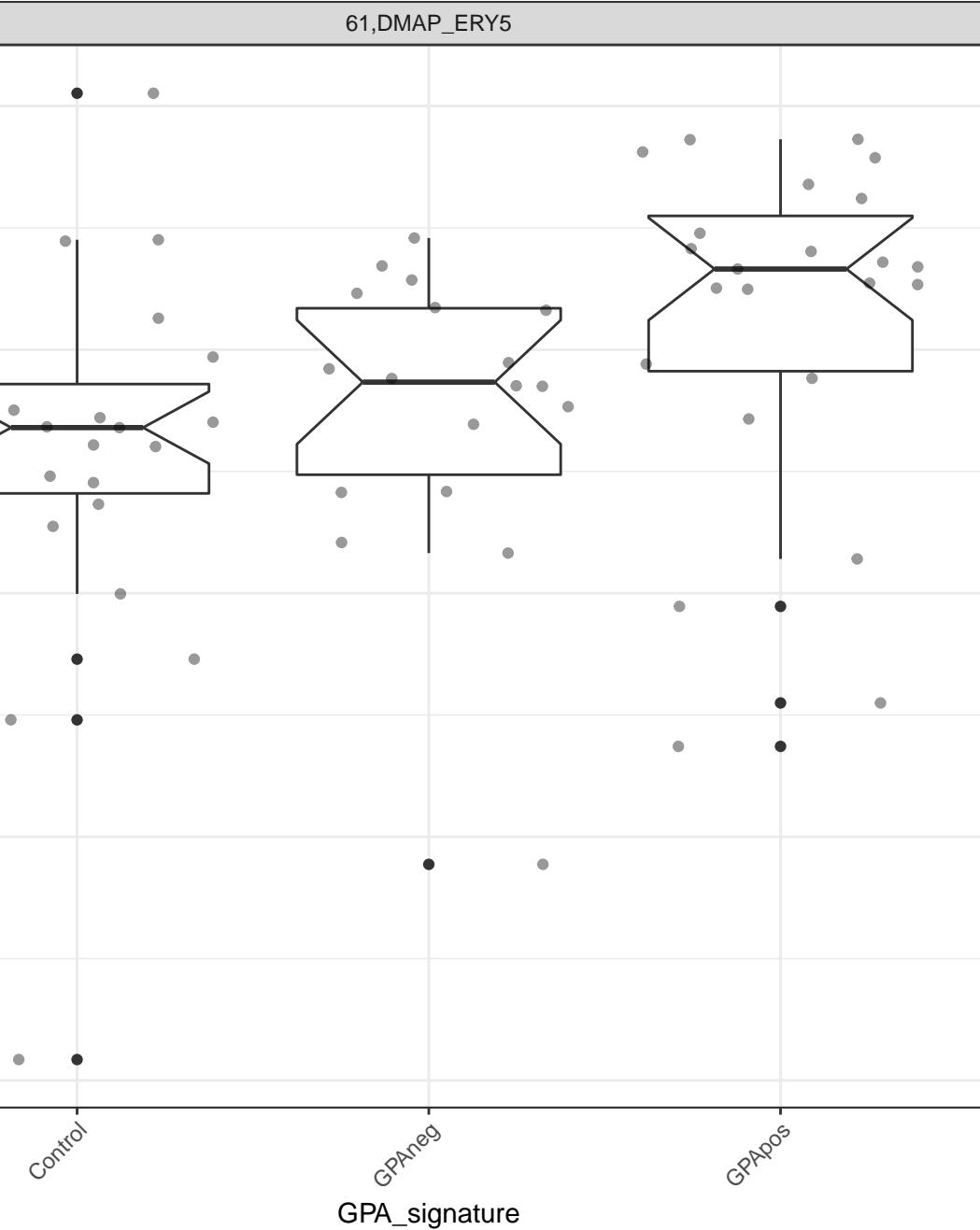
0.10
0.05
0.00
-0.05
-0.10

Control

GPAneg

GPAPos

GPA_signature



LV 62

Value

0.05

0.00

-0.05

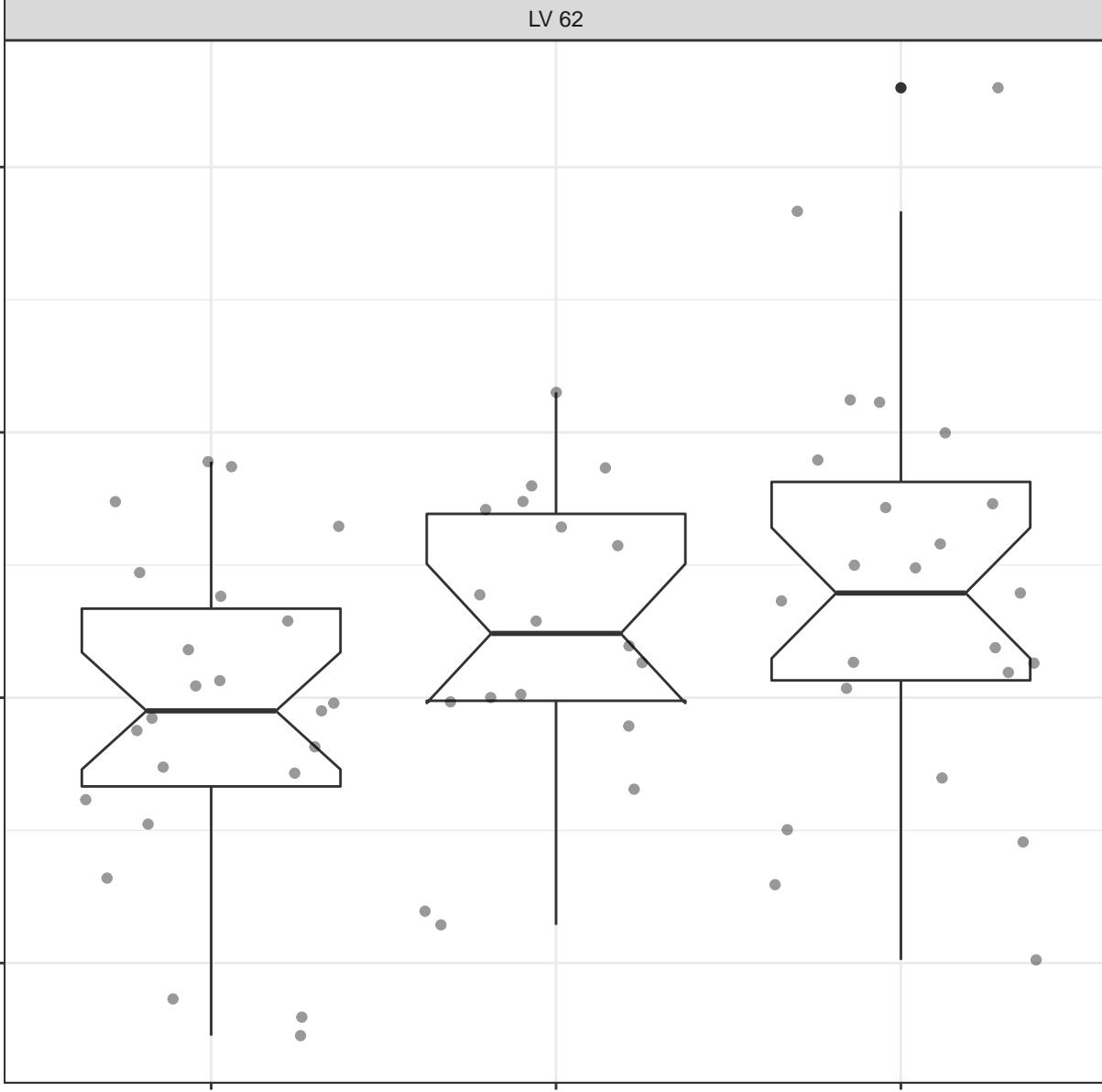
-0.10

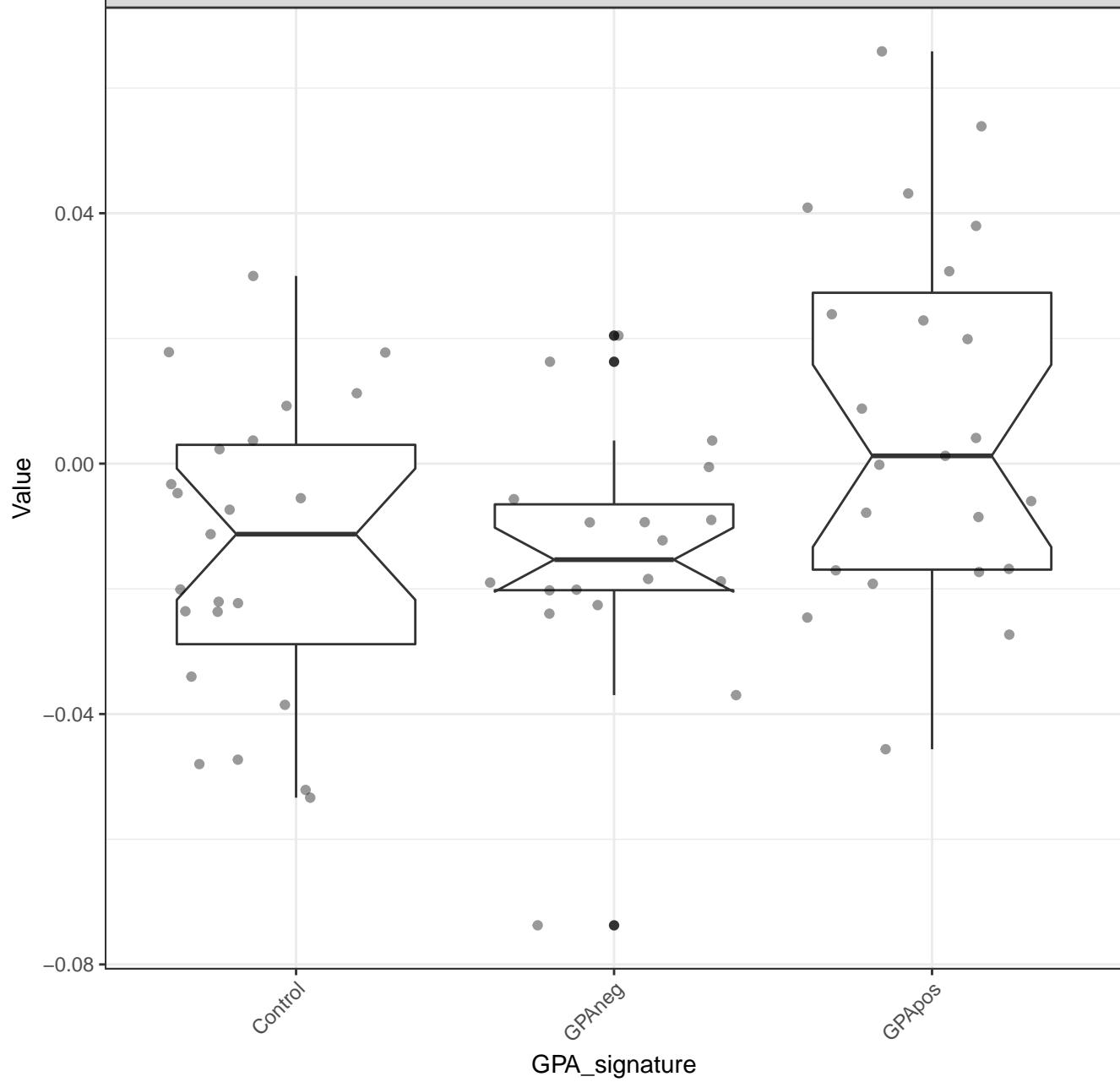
Control

GPAneg

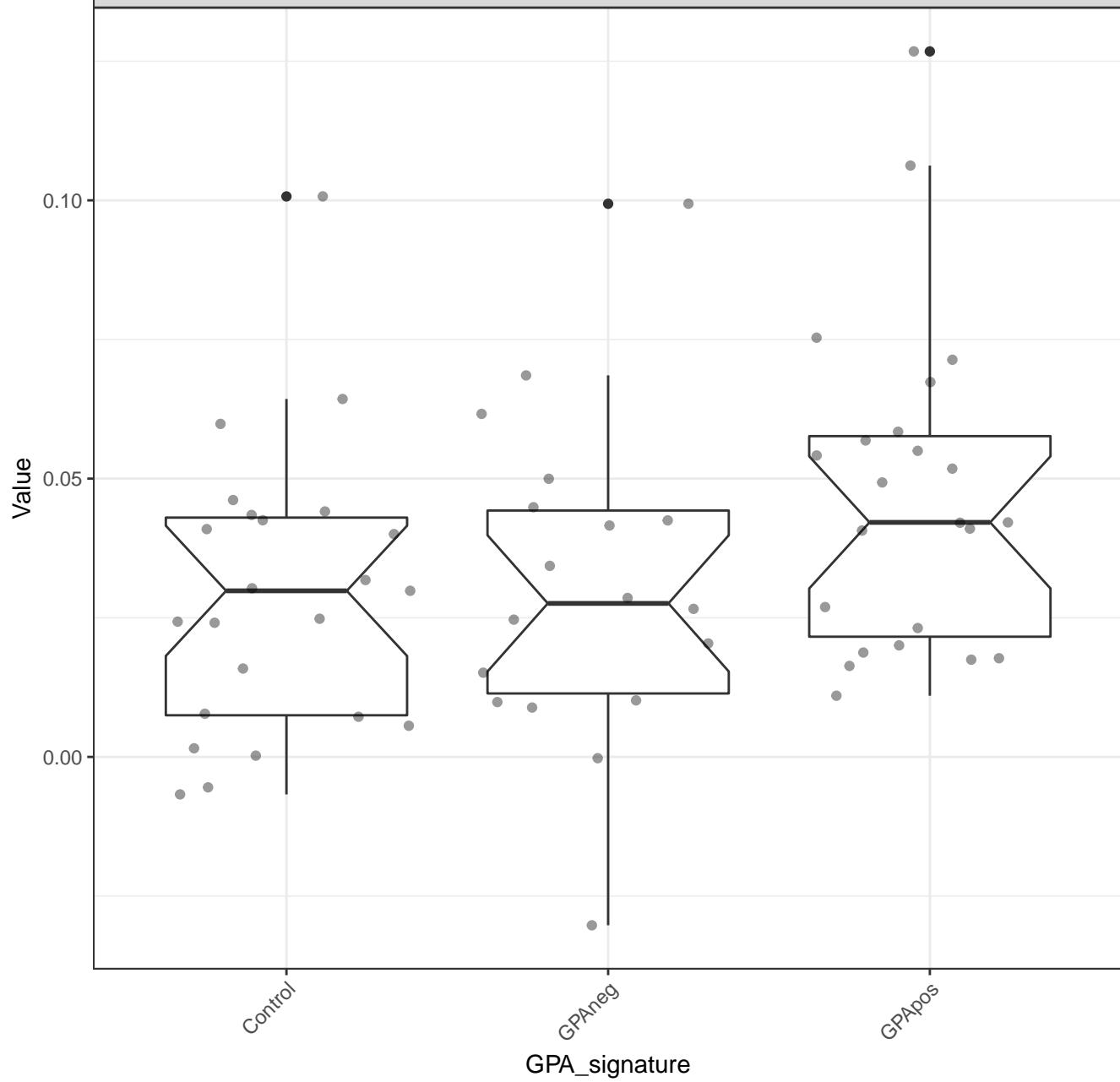
GPAPos

GPA_signature





LV 64



LV 65

Value

0.03

0.00

-0.03

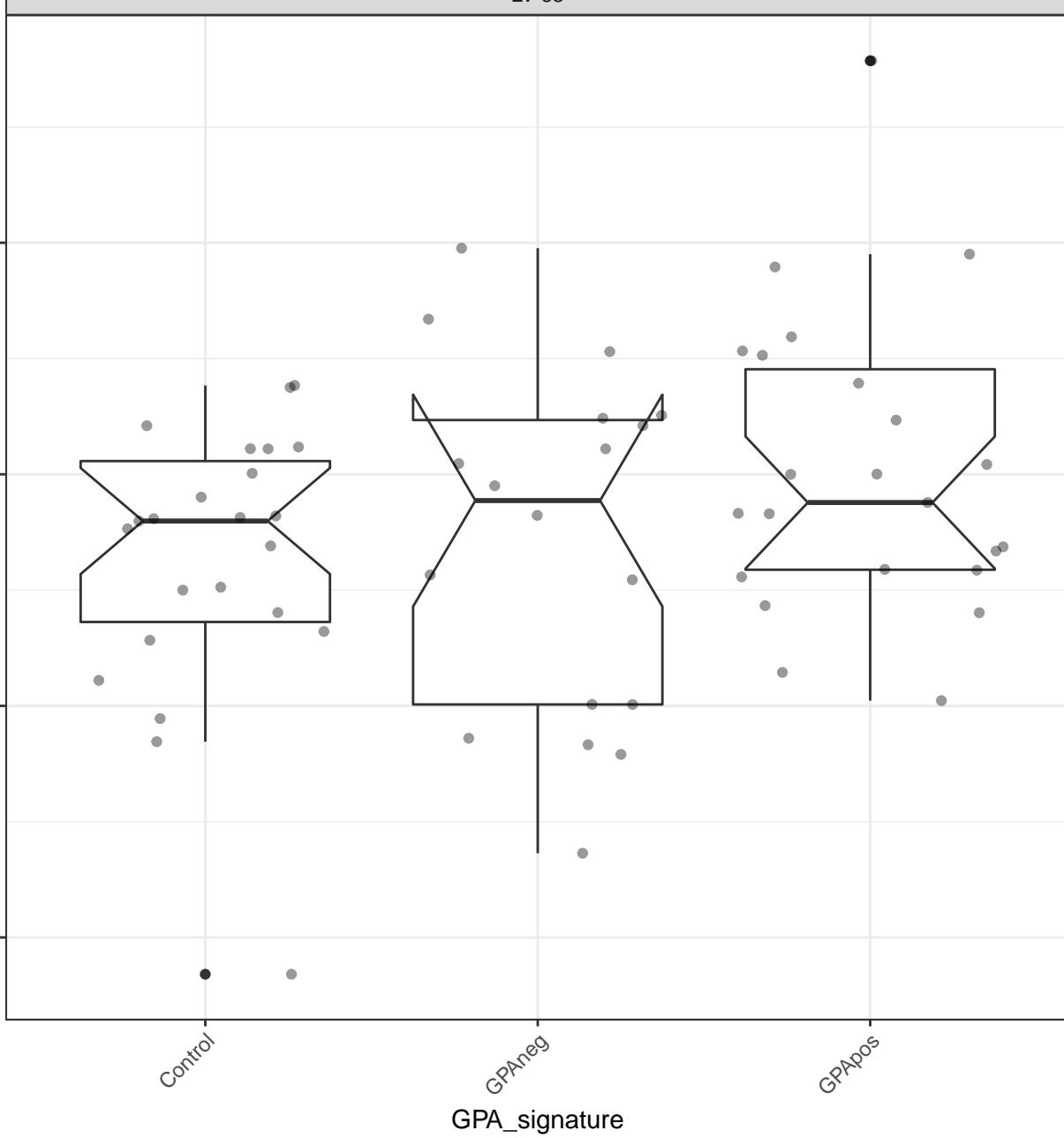
-0.06

Control

GPAneg

GPAPos

GPA_signature



66,REACTOME_METABOLISM_OF_LIPIDS_AND_LIPOPROTEINS

Value

0.06

0.03

0.00

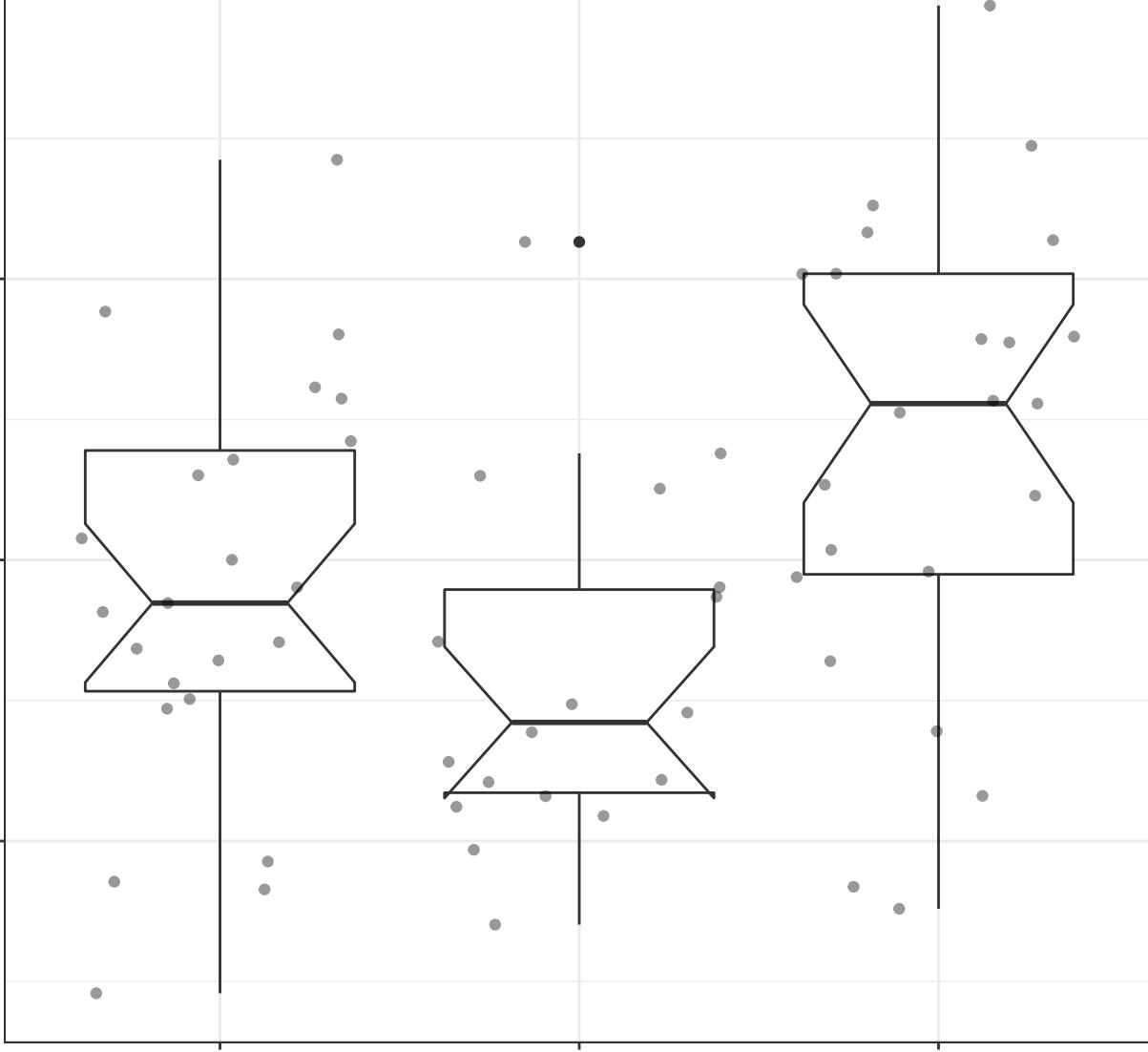
-0.03

Control

GPAneg

GPAPos

GPA_signature



Value

0.04

0.02

0.00

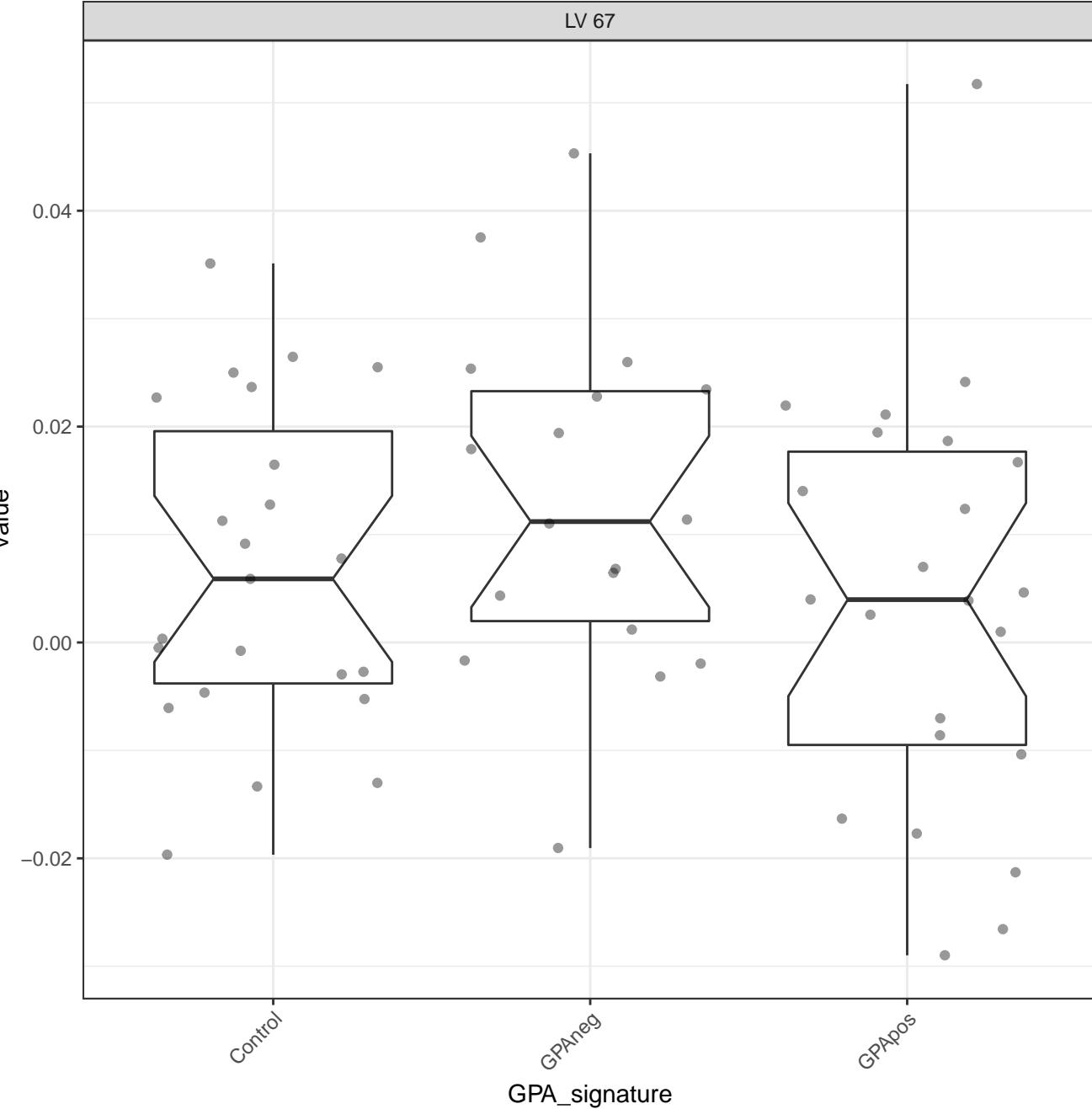
-0.02

Control

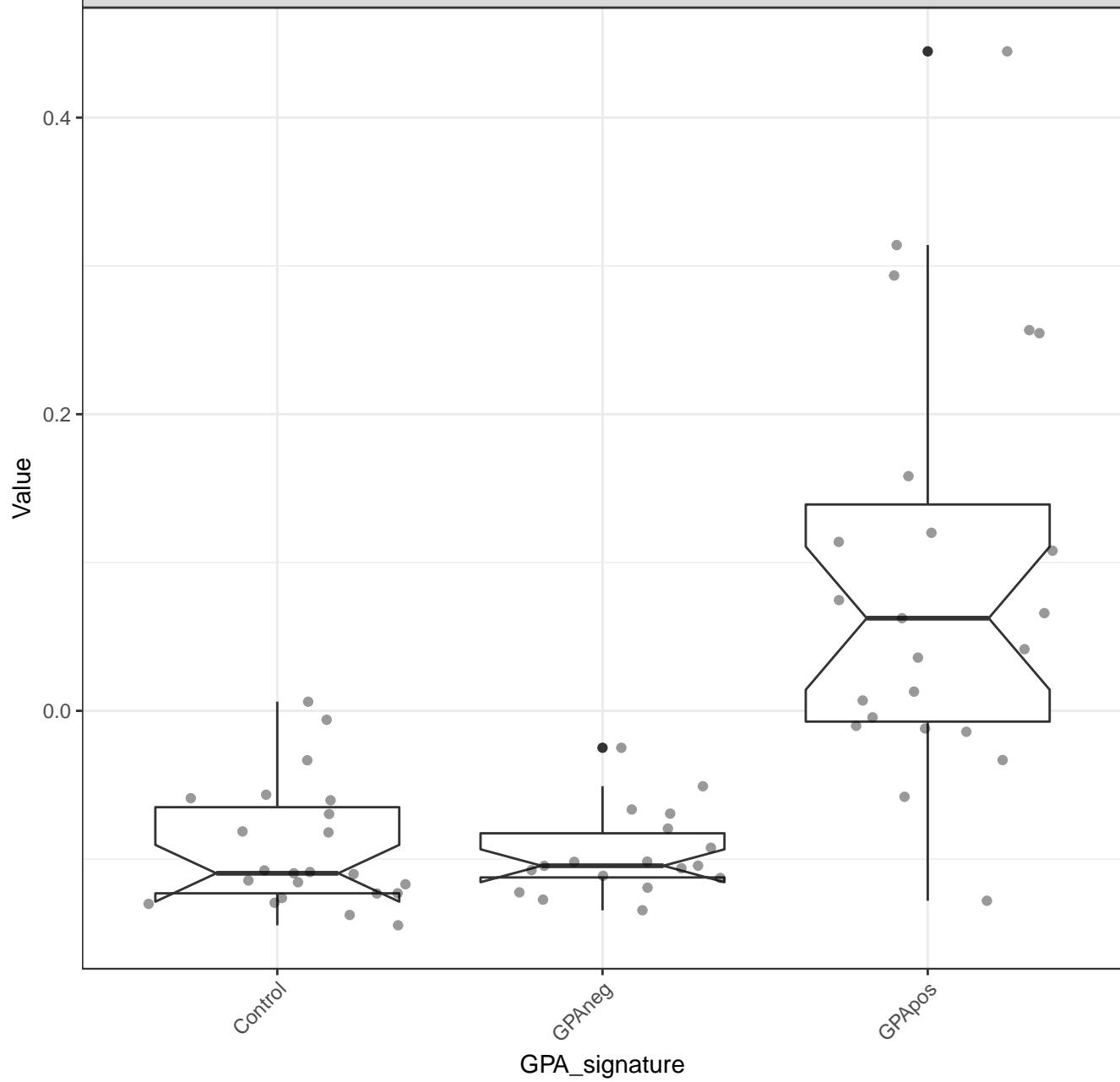
GPA_signature

GPAneg

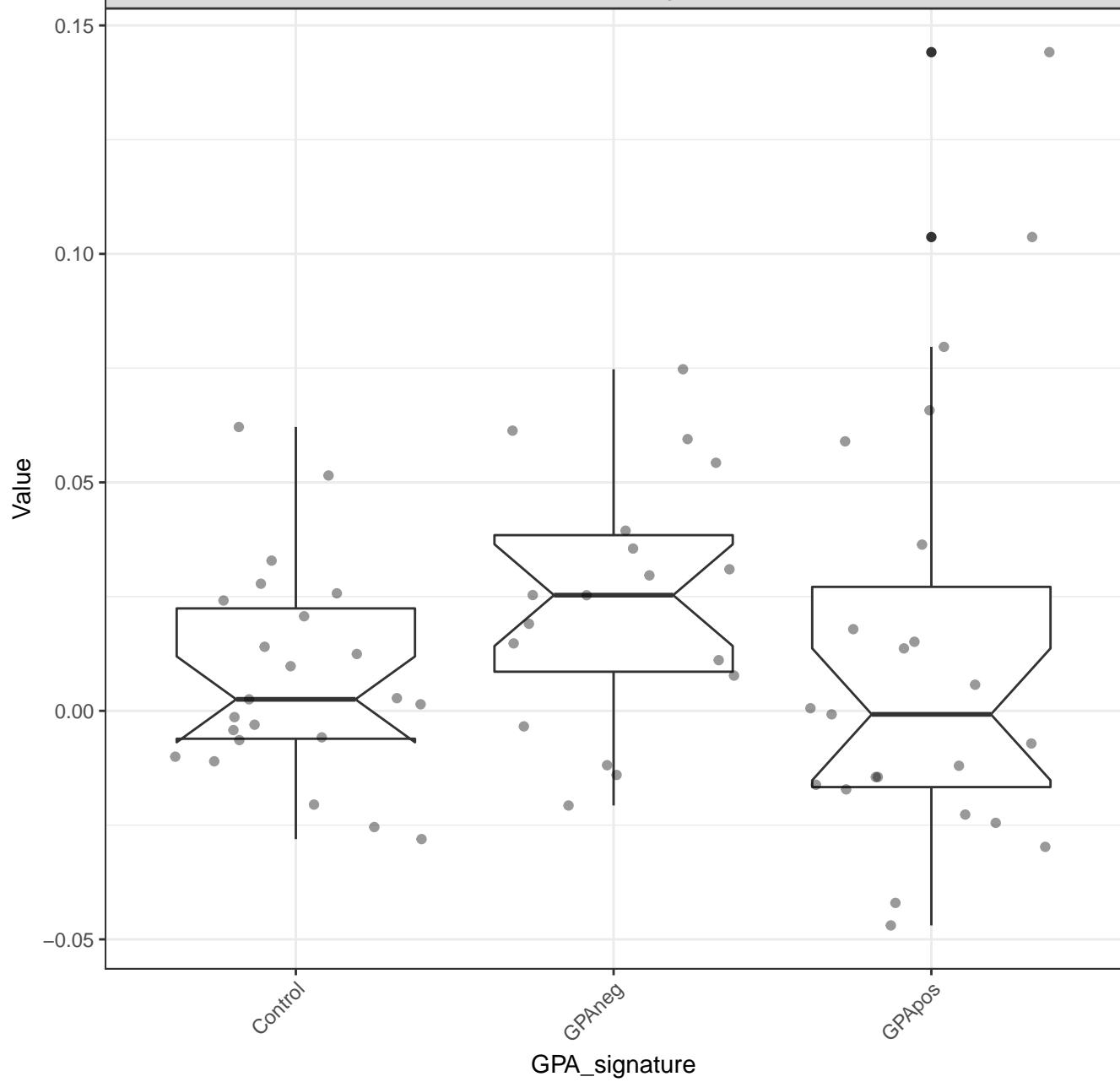
GPAPos



68,DMAP_ERY2



69,SVM Macrophages M1



70,MIPS_PA700_20S_PA28_COMPLEX

Value

0.1

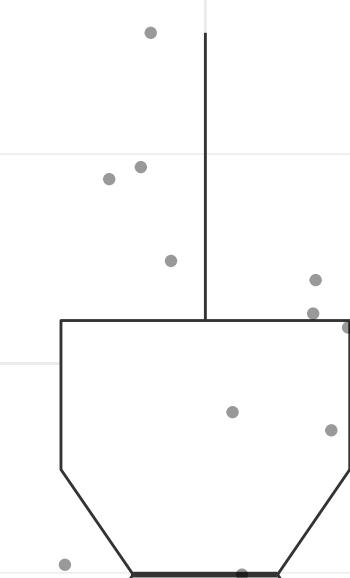
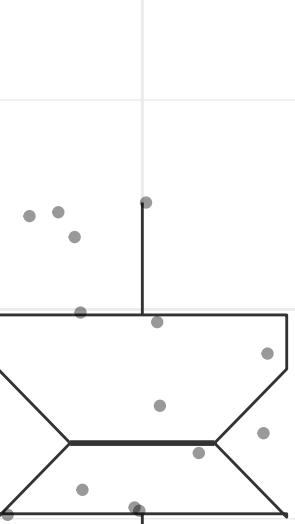
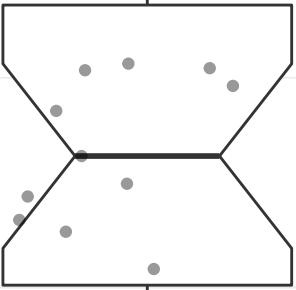
0.0

Control

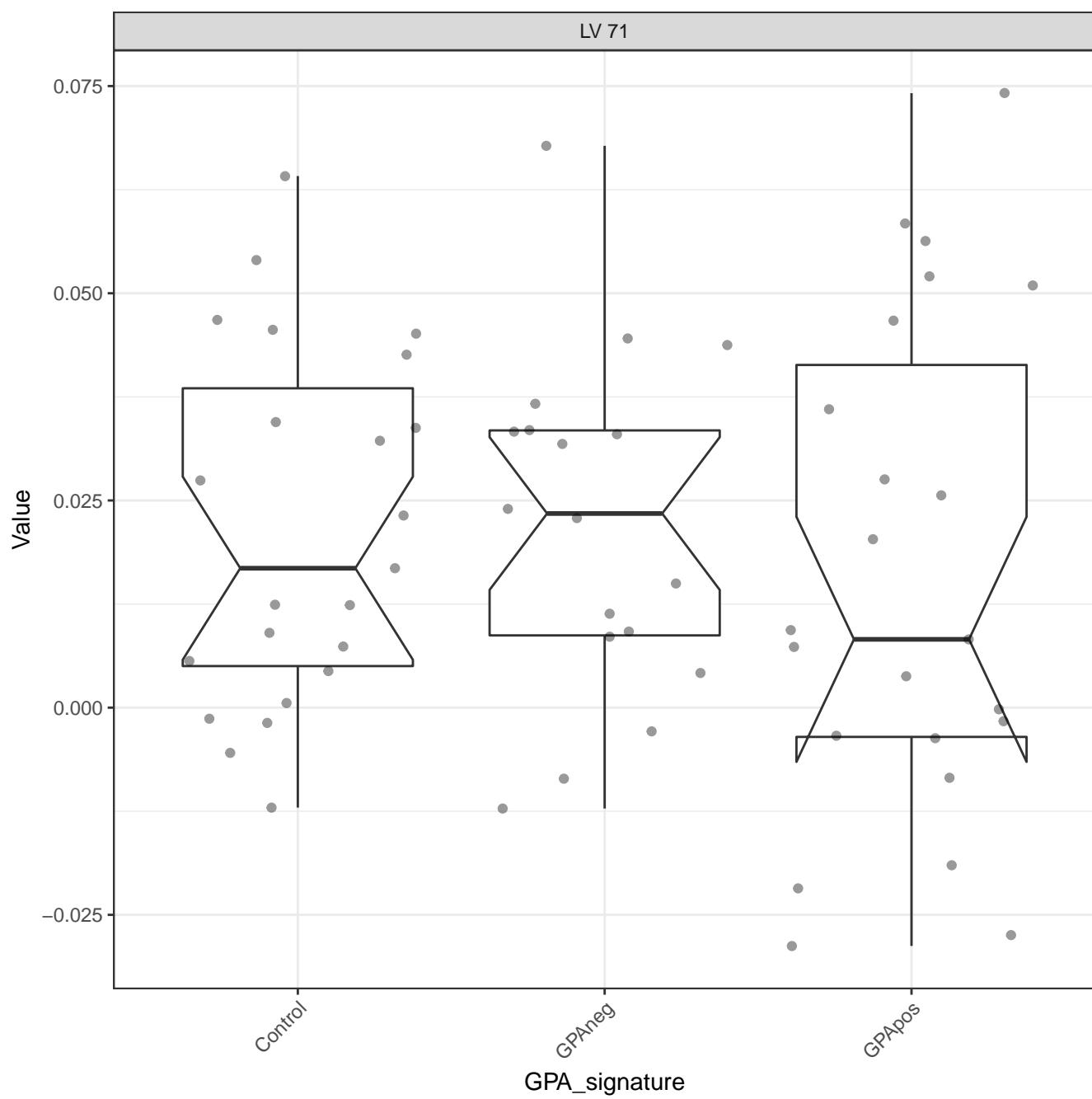
GPA_signature

GPAneg

GPAPos



LV 71



LV 72

Value

0.05

0.00

-0.05

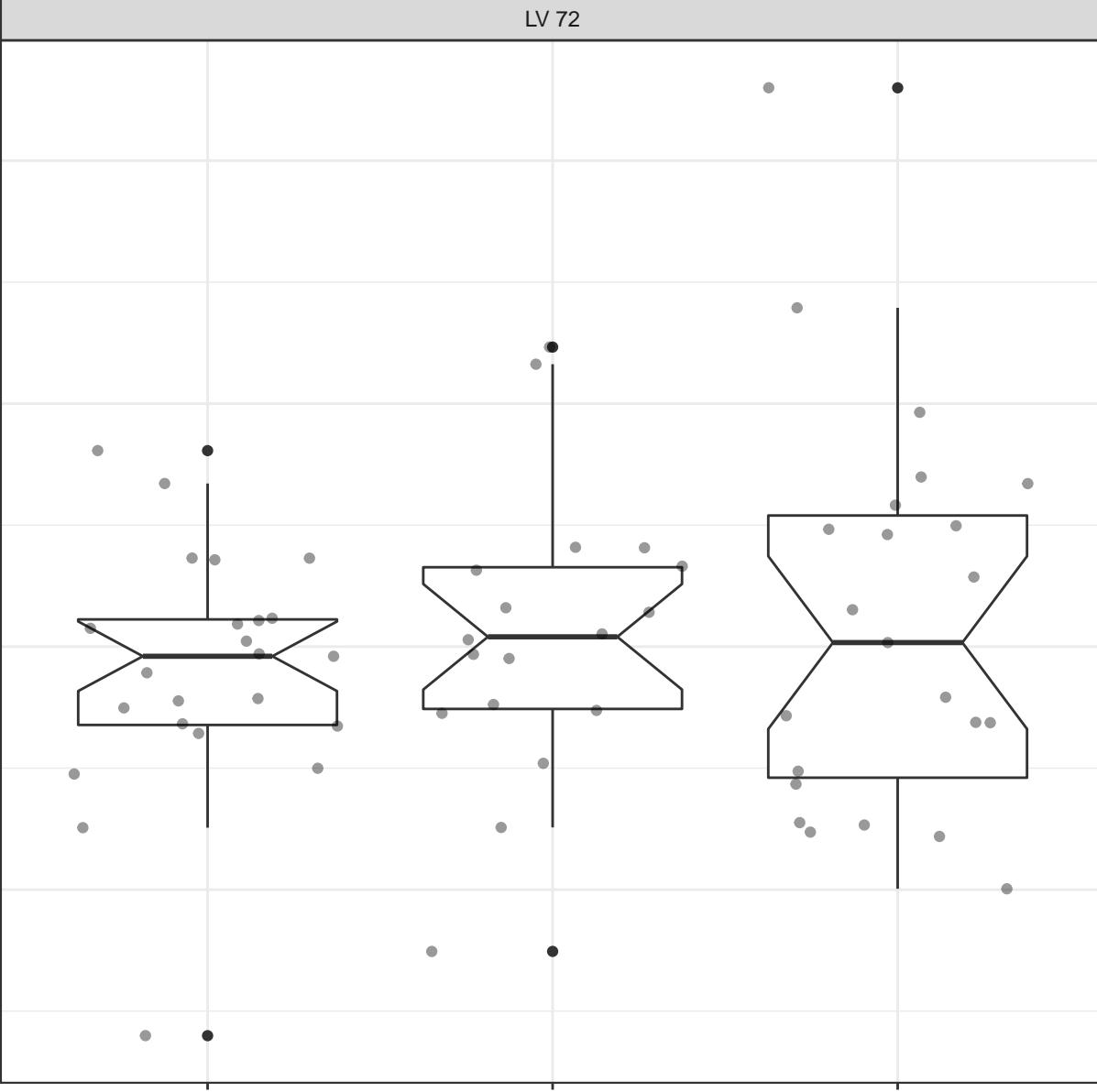
-0.10

Control

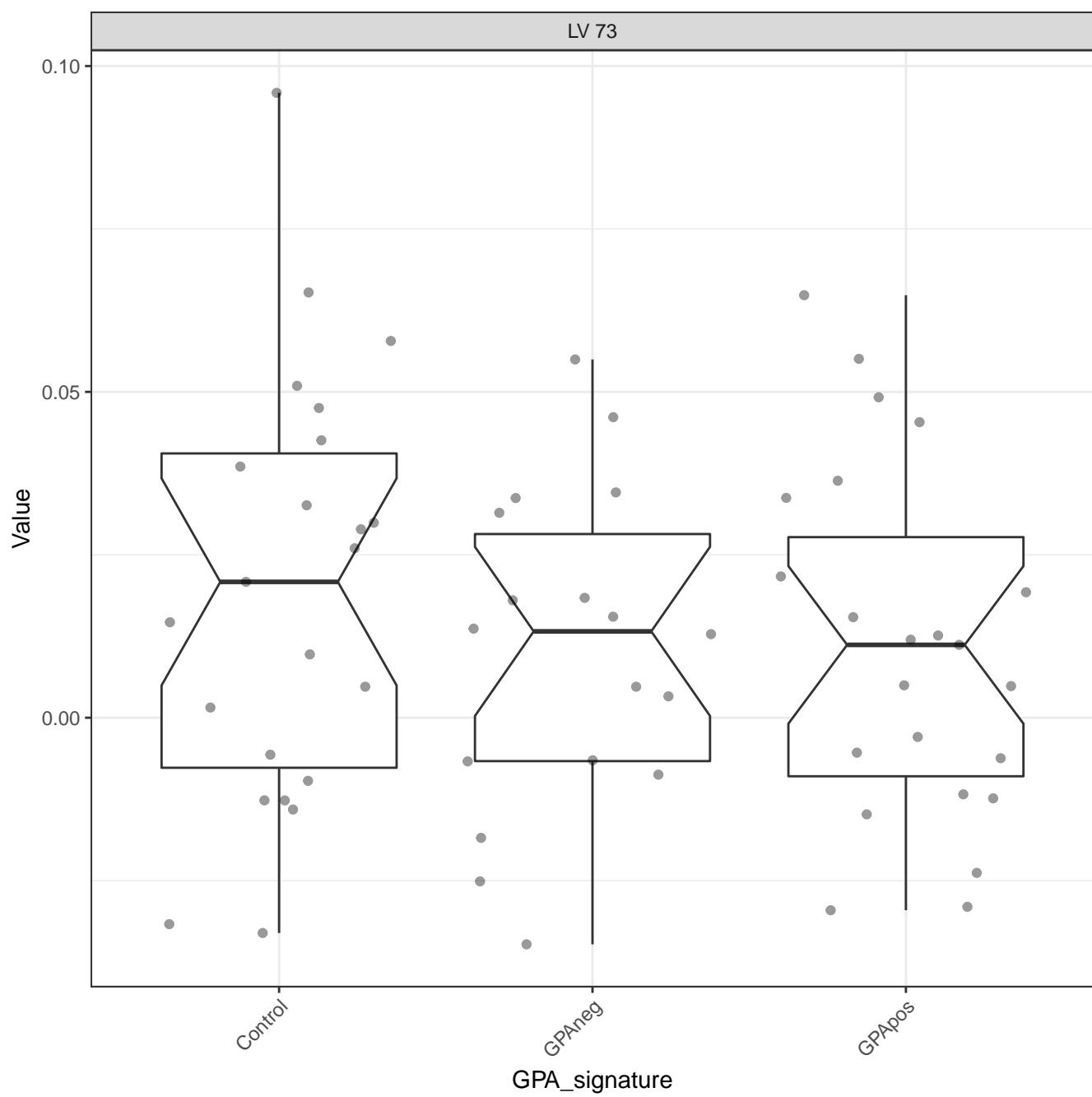
GPA_signature

GPAneg

GPAPos

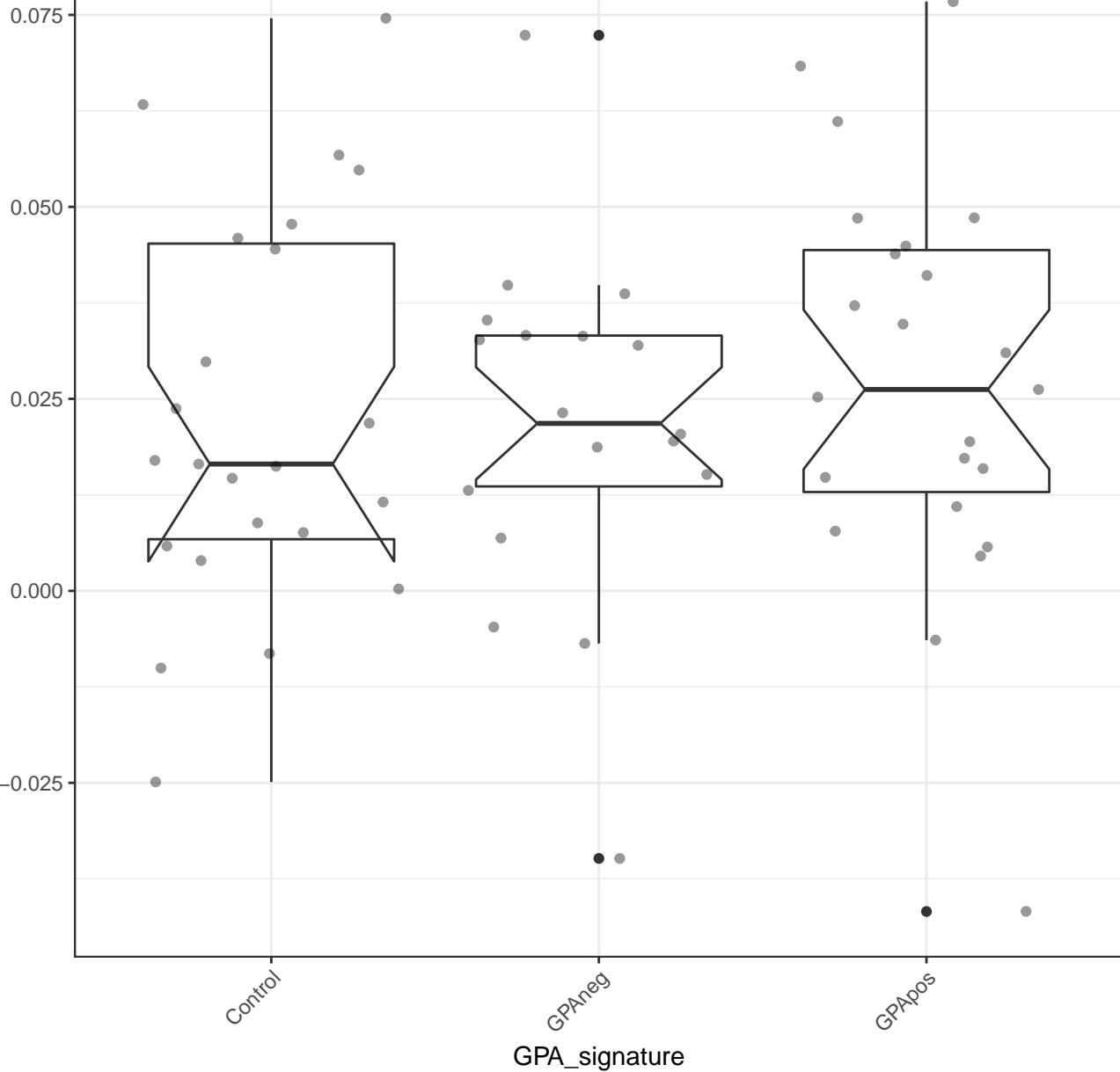


LV 73



74,REACTOME_UNFOLDED_PROTEIN_RESPONSE

Value



LV 75

Value

0.05

0.00

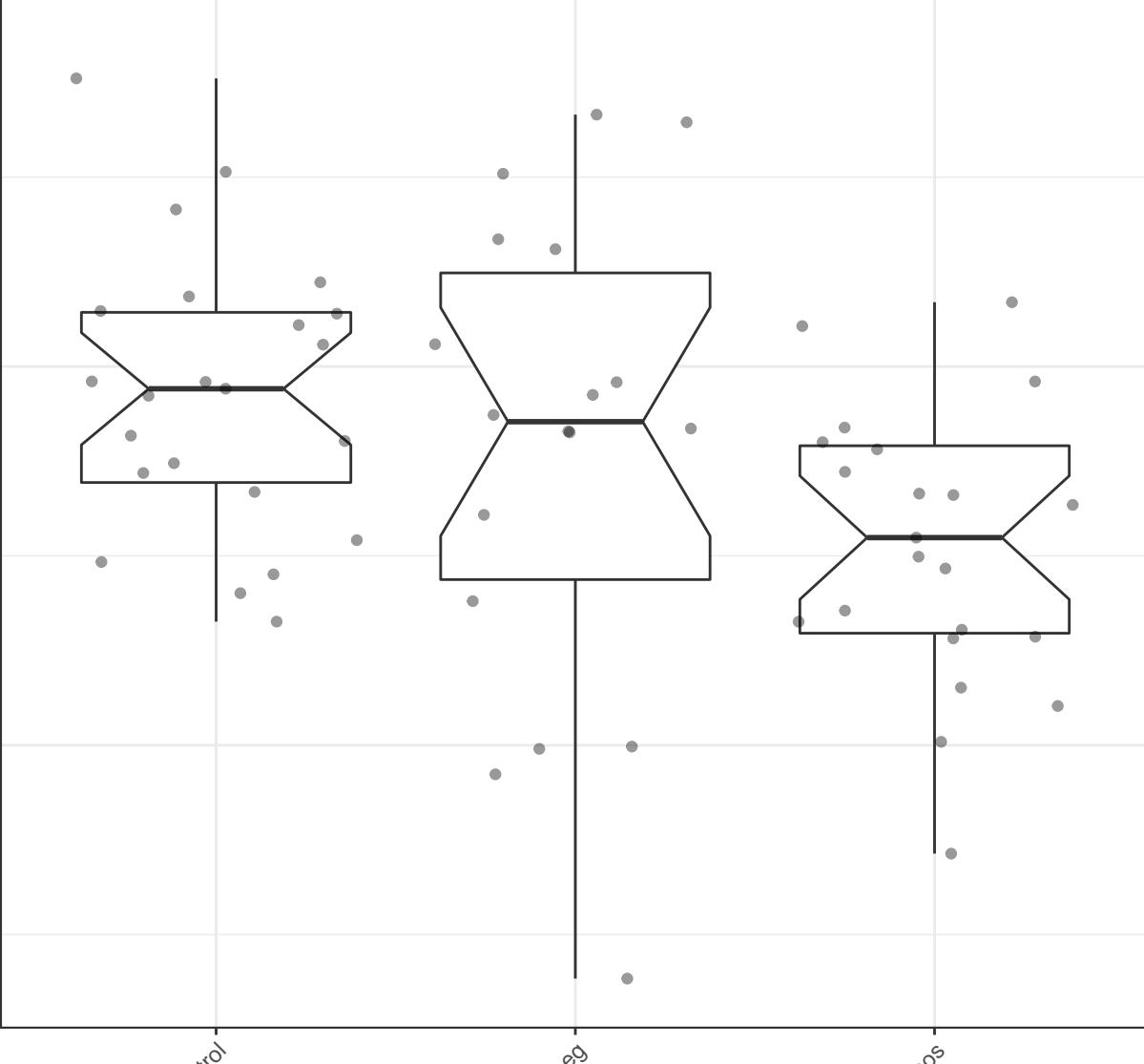
-0.05

Control

GPA_signature

GPAneg

GPAPos



LV 76

Value

0.025

0.000

-0.025

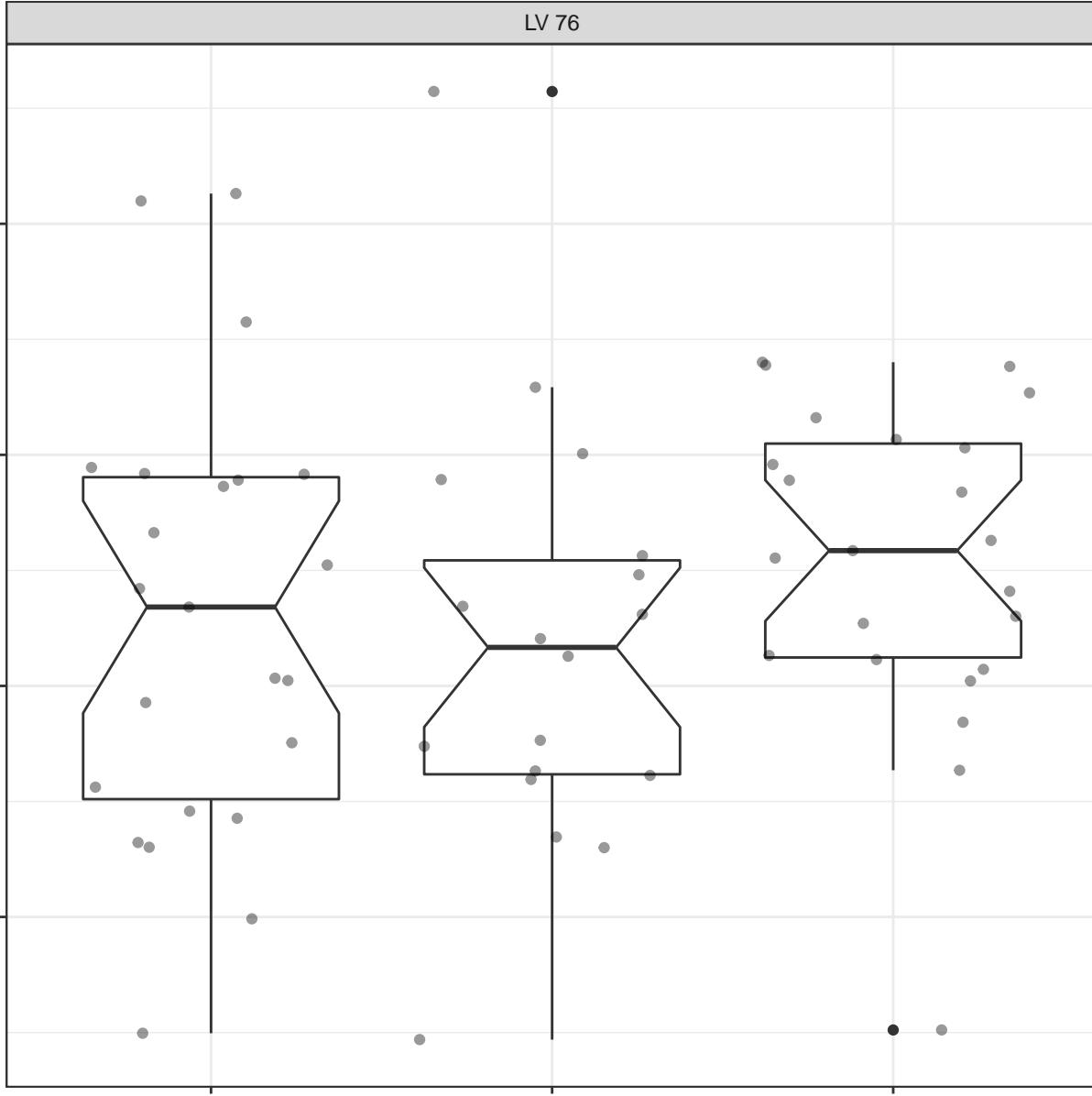
-0.050

Control

GPA_signature

GPAneg

GPAPos



LV 77

Value

0.025

0.000

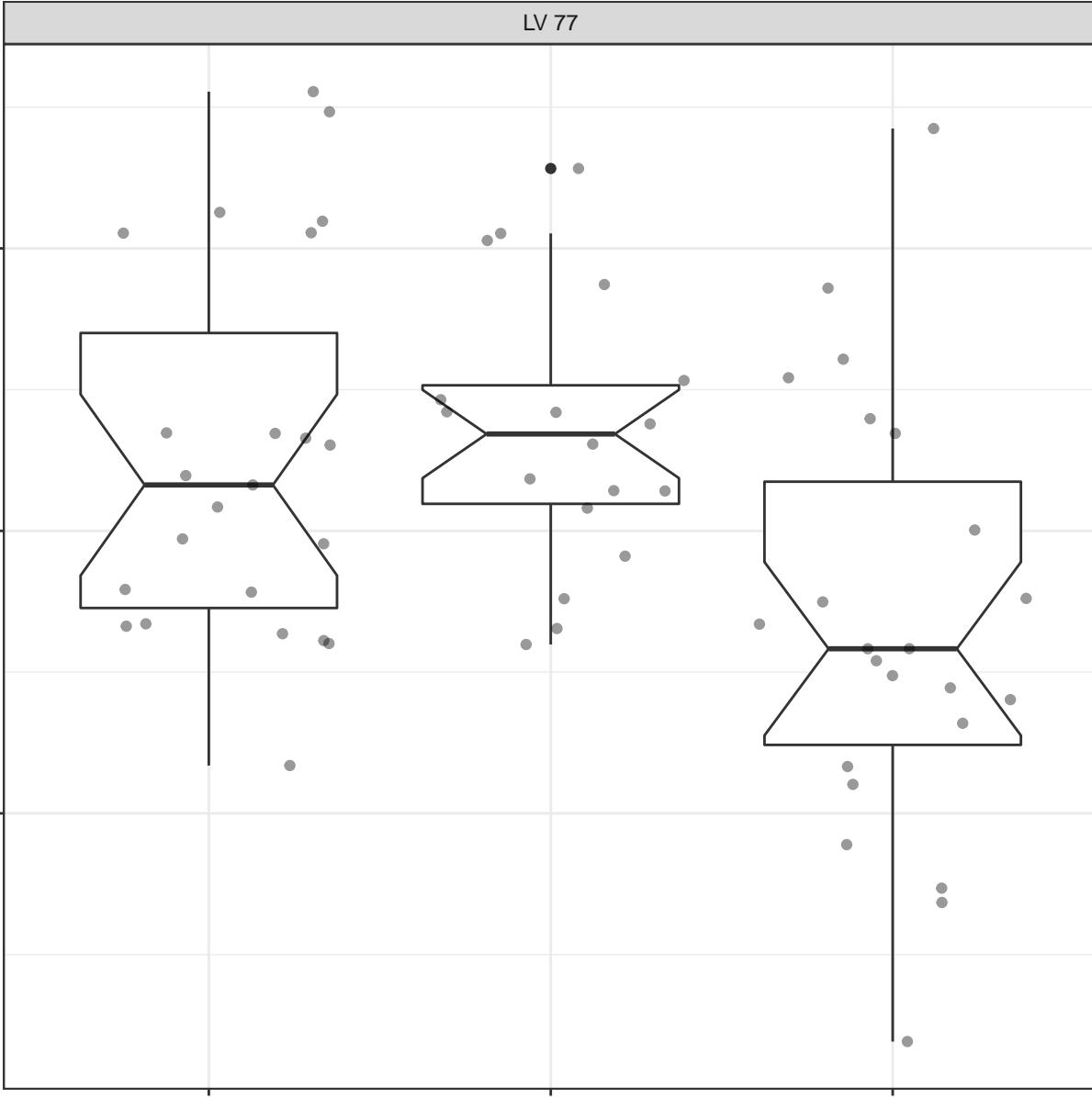
-0.025

Control

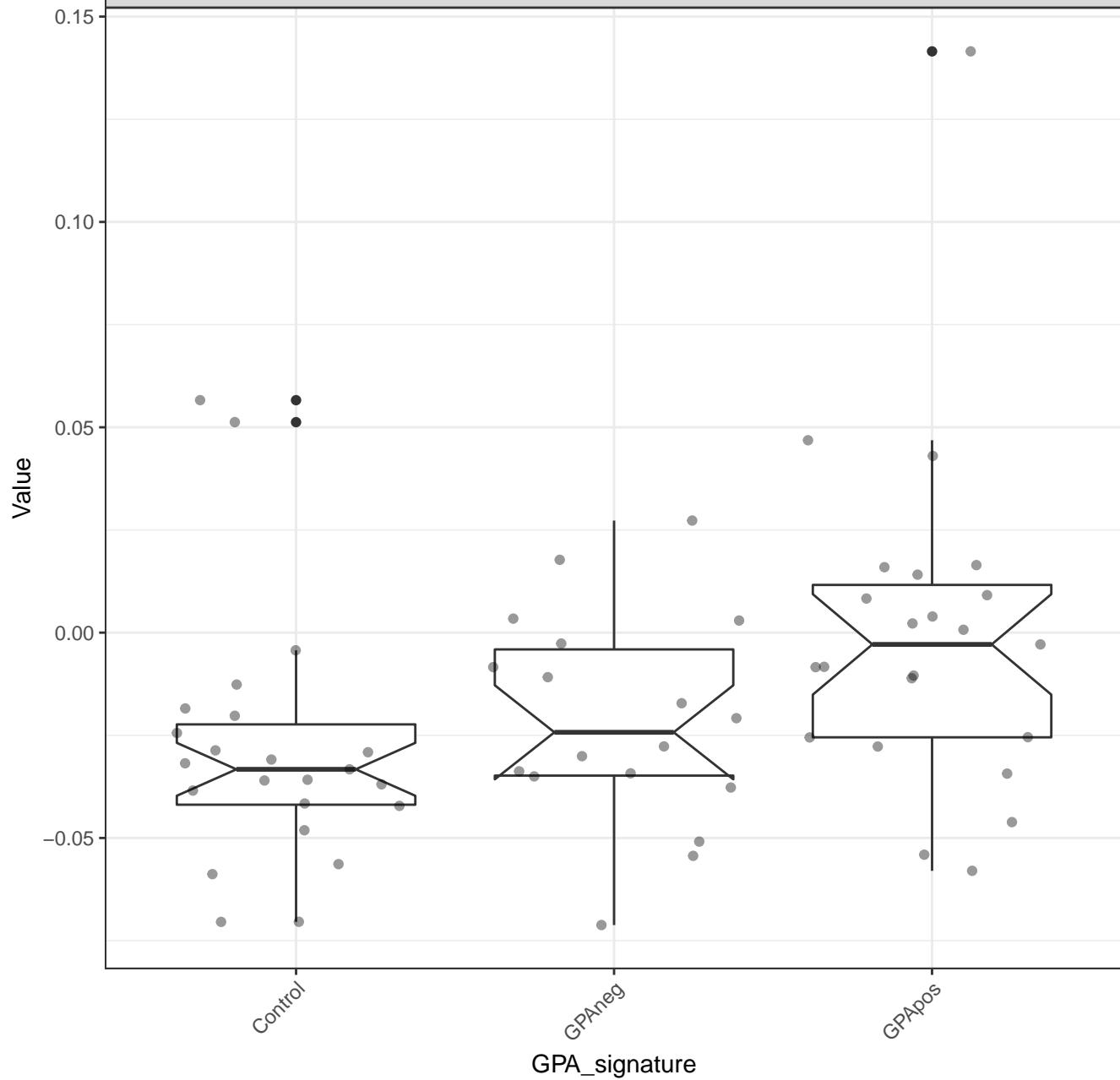
GPA_signature

GPAneg

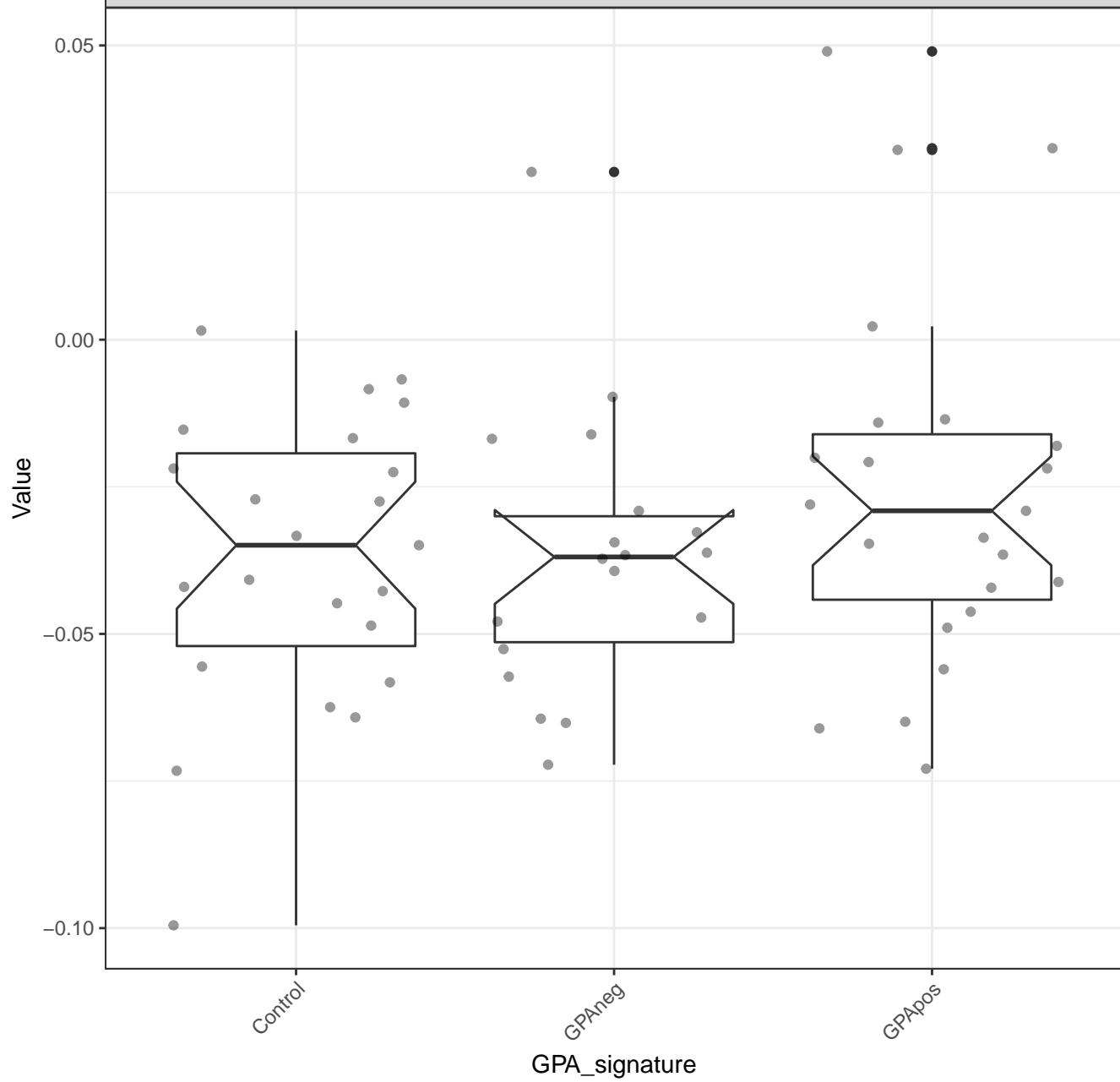
GPAPos



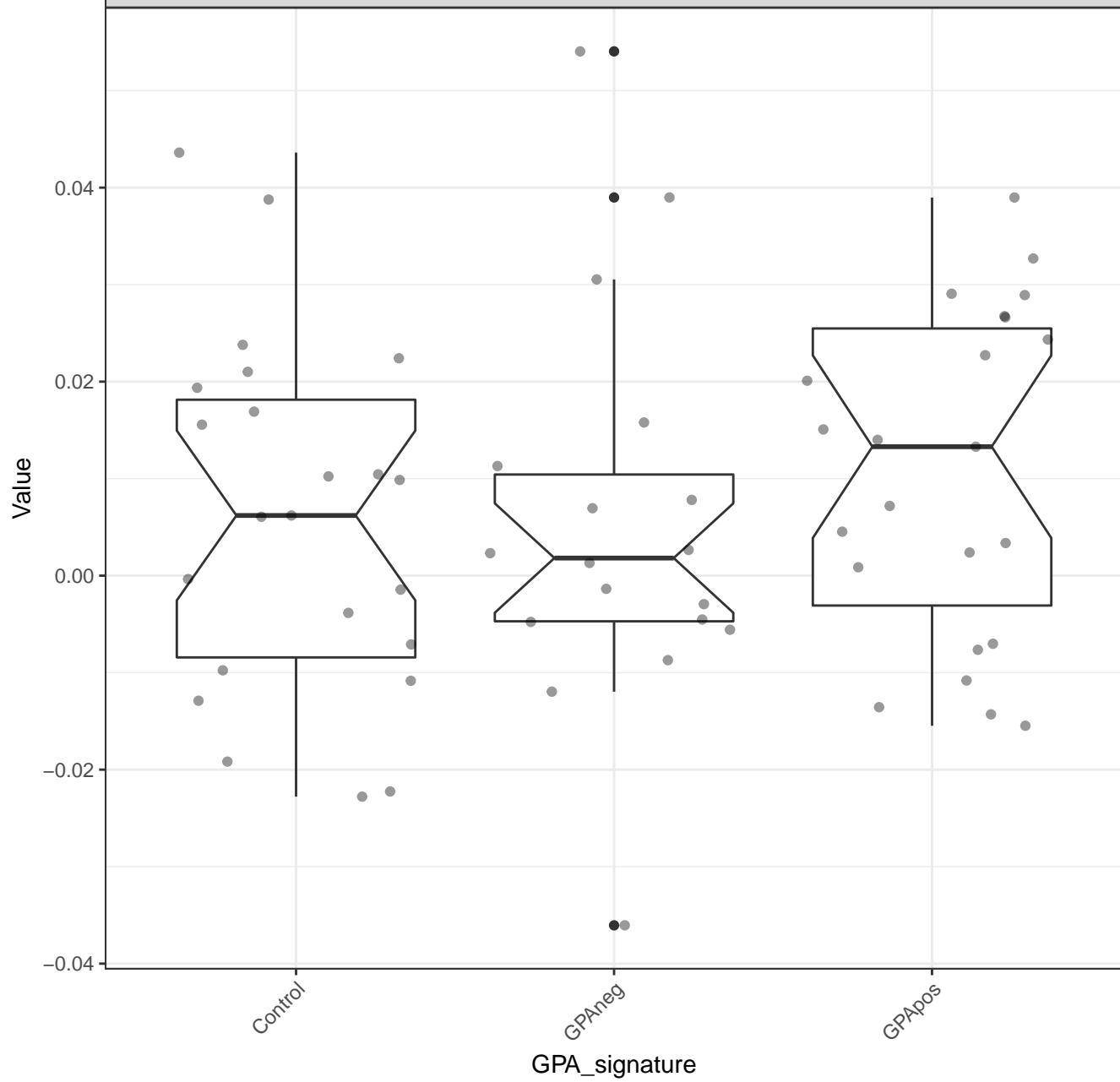
LV 78



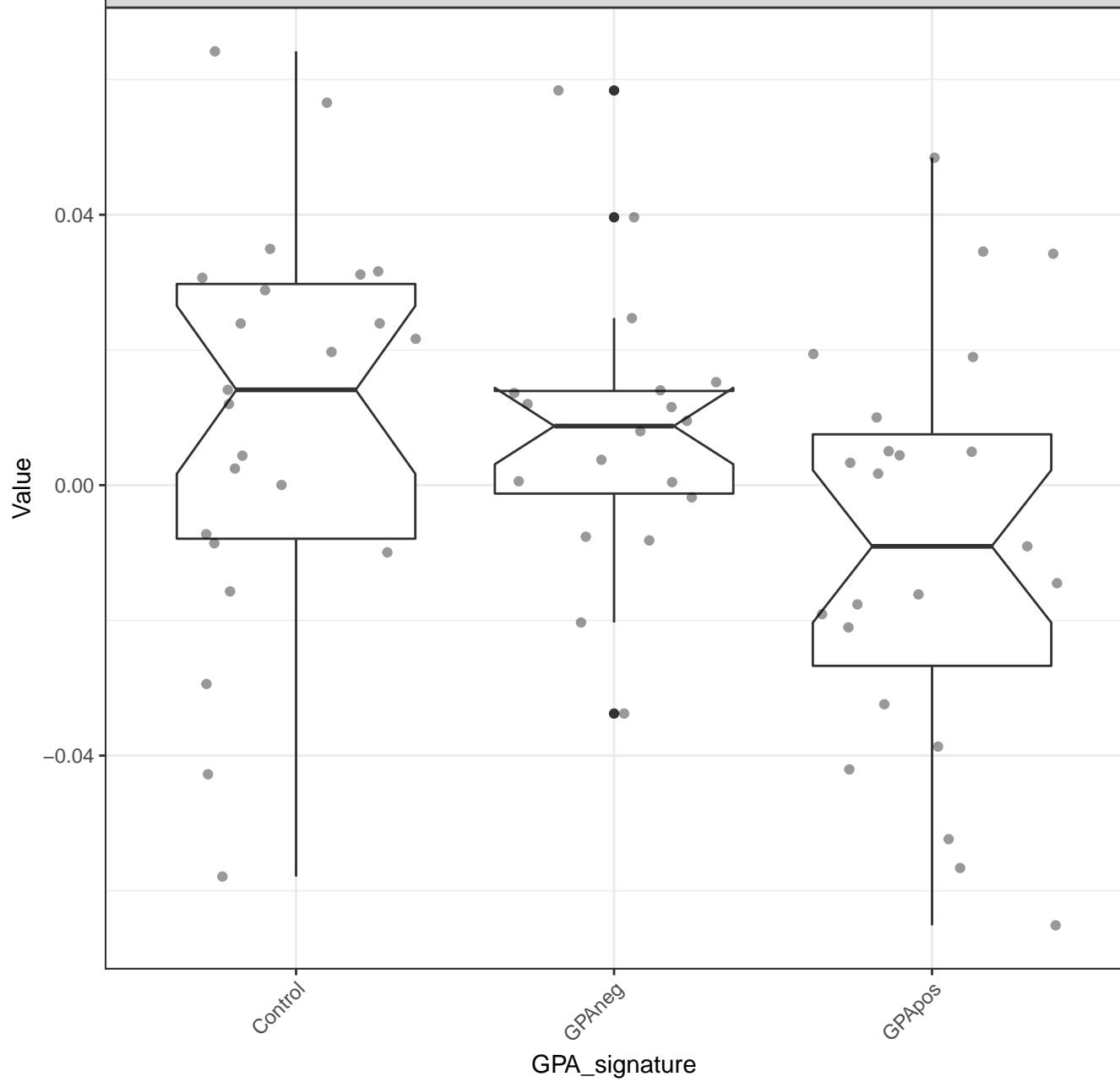
LV 79



LV 80



81,PID_INTEGRIN1_PATHWAY



82,PID_RAC1_PATHWAY

Value

0.08

0.04

0.00

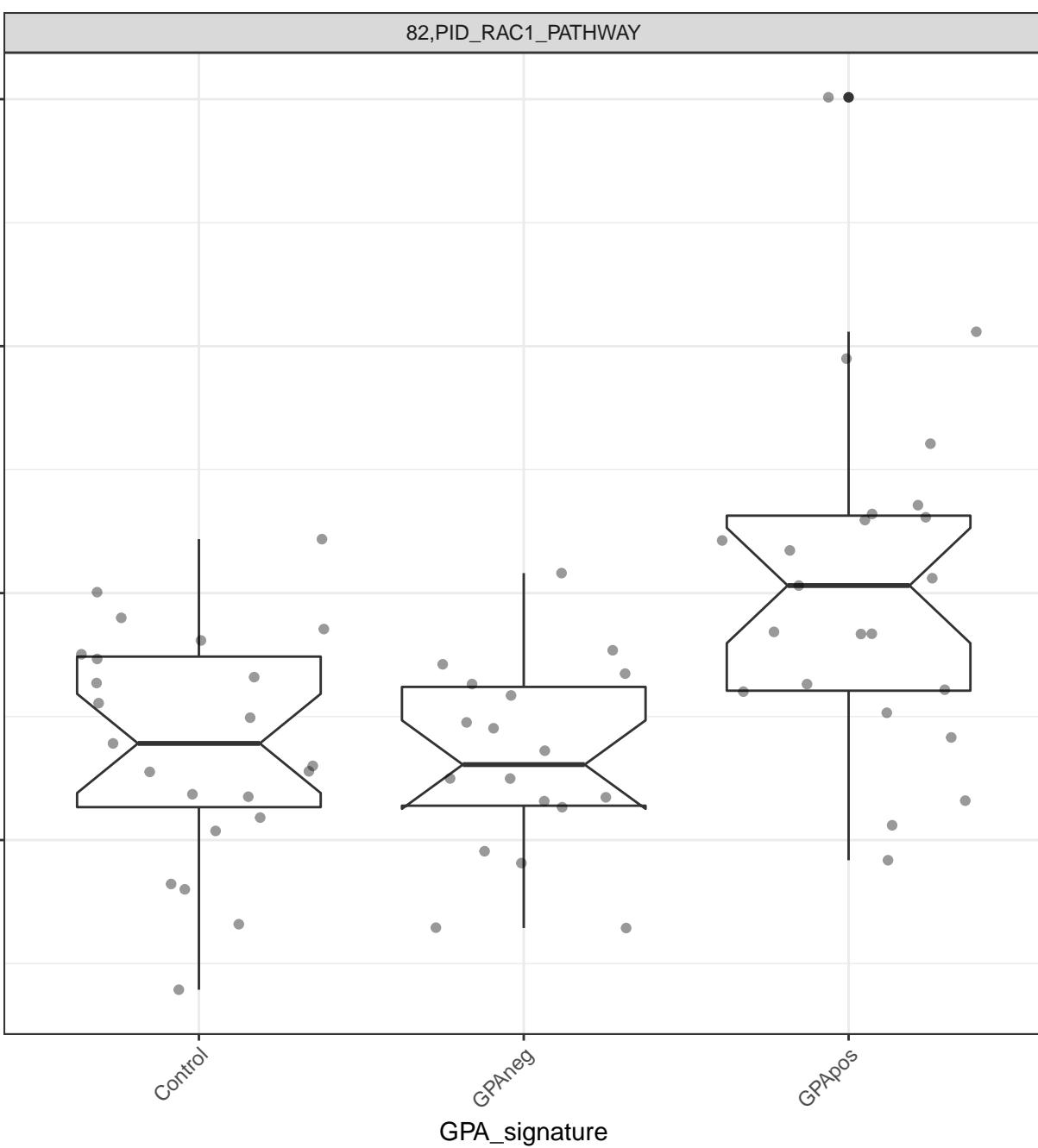
-0.04

Control

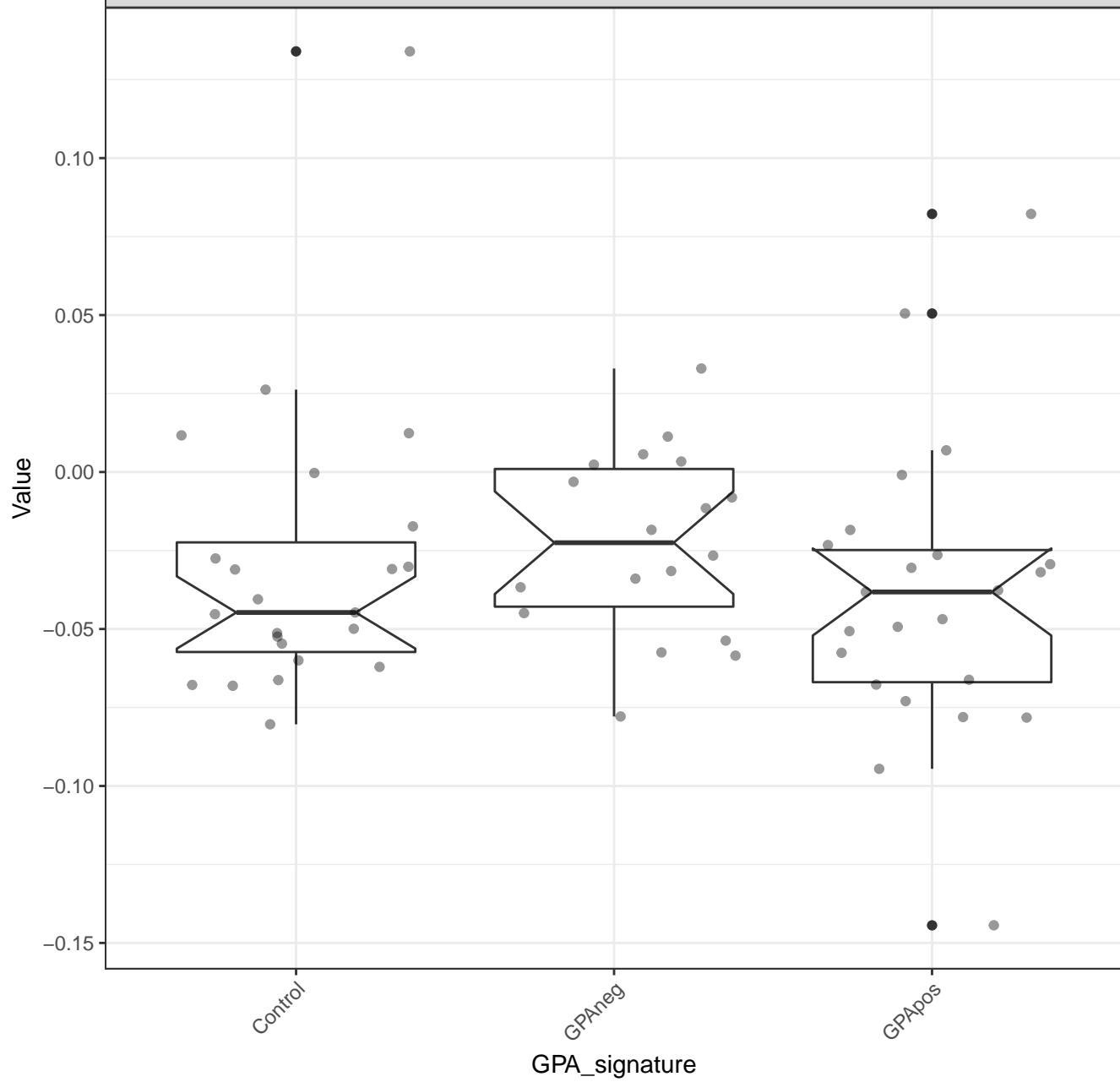
GPAneg

GPAPos

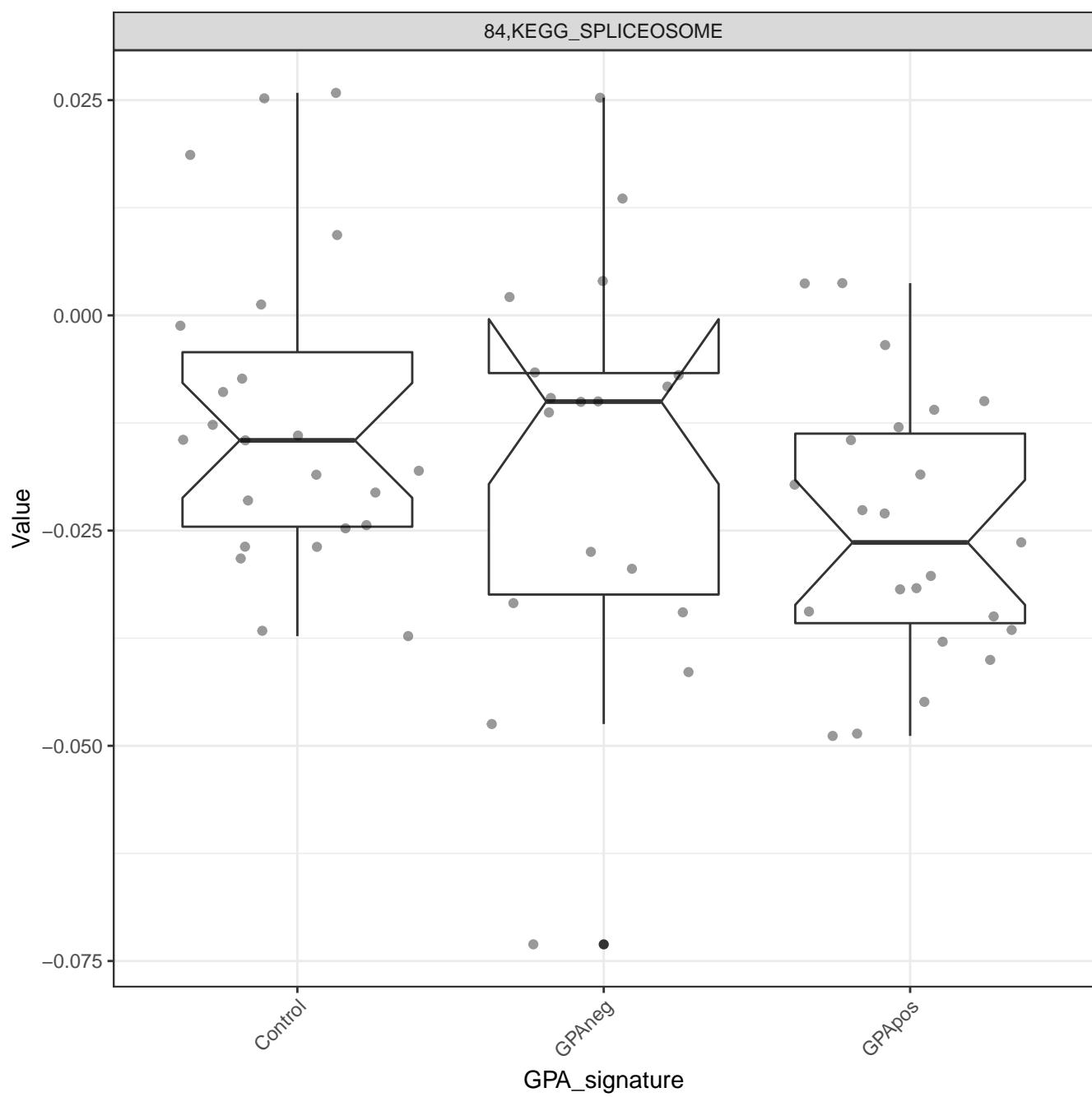
GPA_signature



LV 83



84,KEGG_SPLICEOSOME



LV 85

Value

0.04

0.00

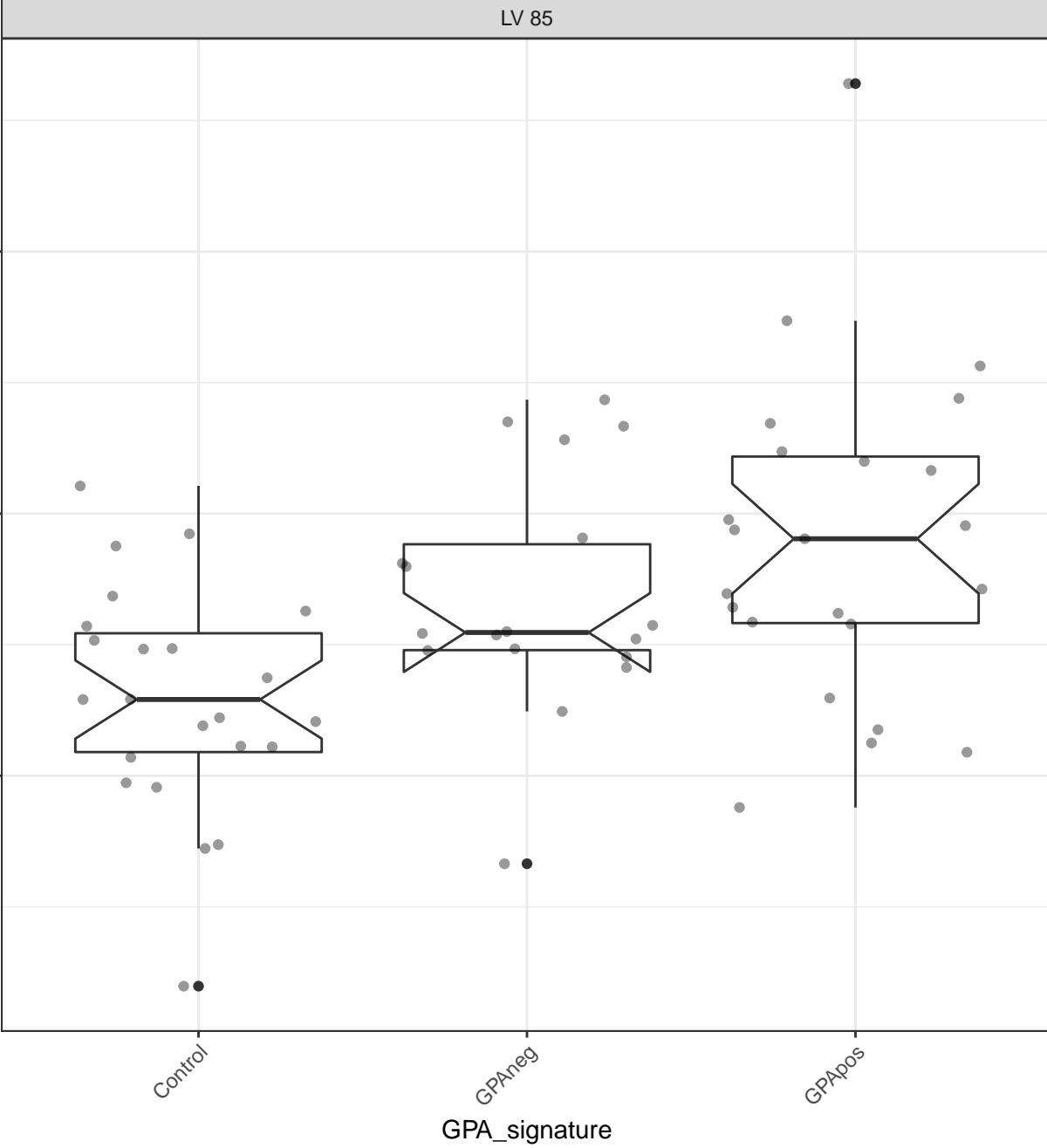
-0.04

Control

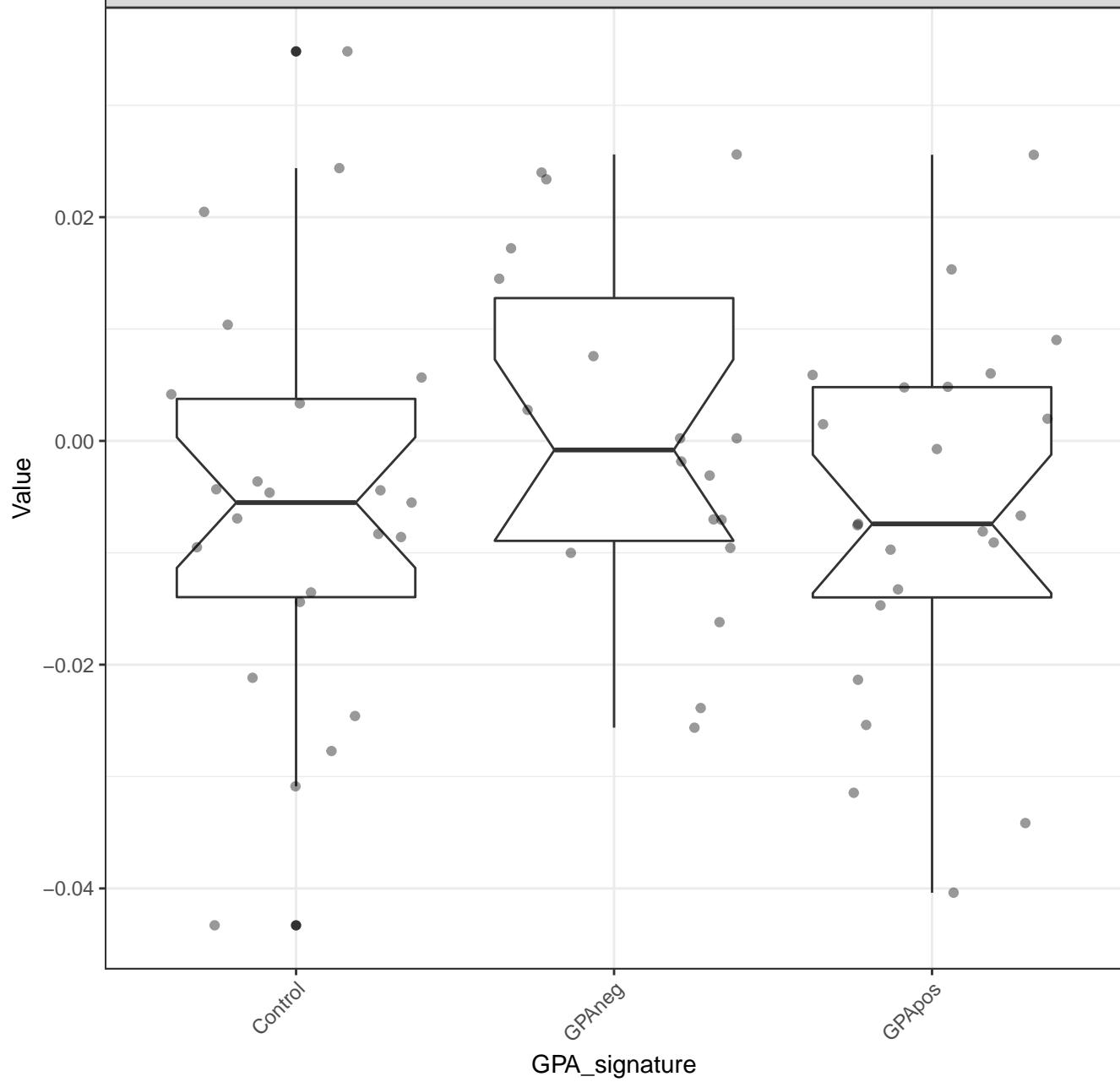
GPAneg

GPAPos

GPA_signature



LV 86



LV 87

Value

0.04

0.02

0.00

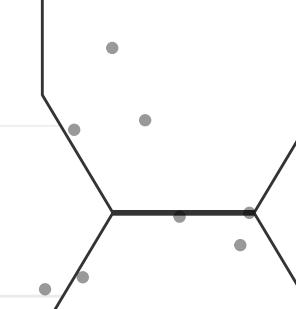
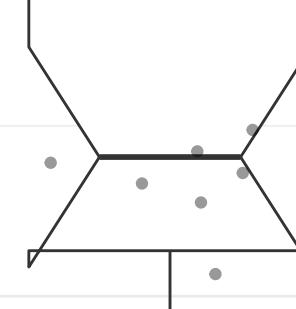
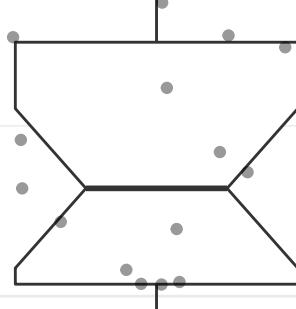
-0.02

Control

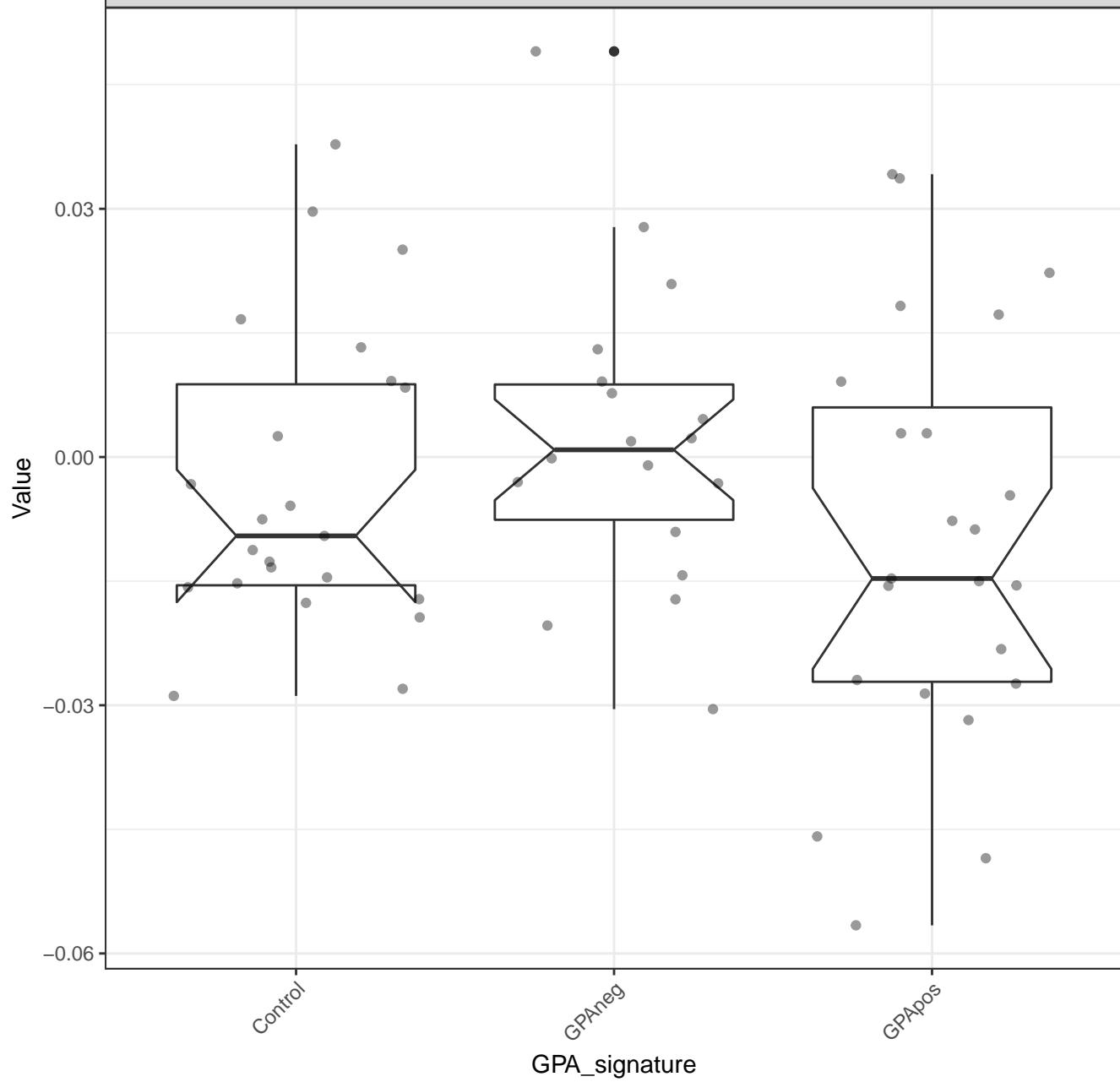
GPA_signature

GPAneg

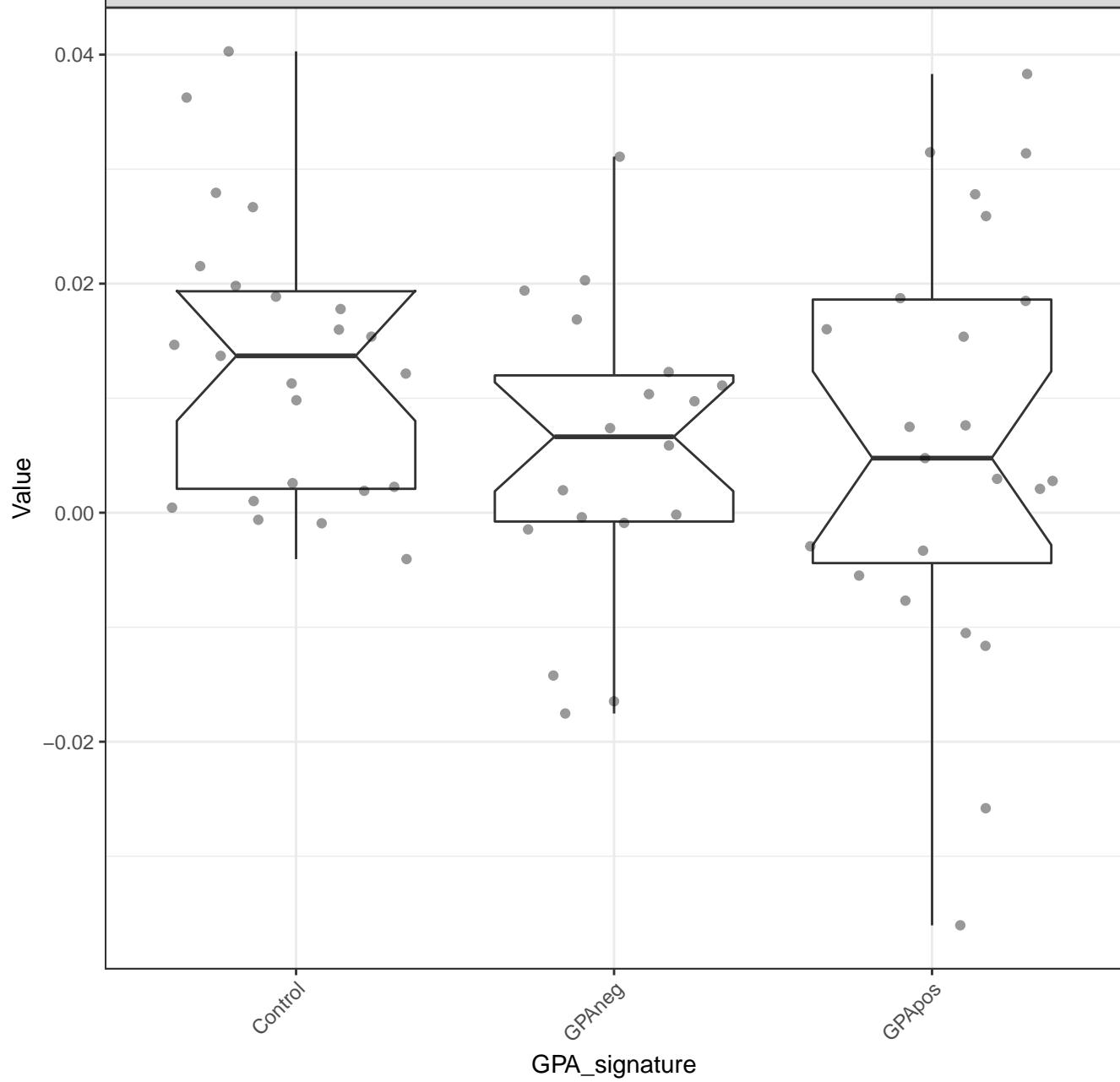
GPApos



LV 88

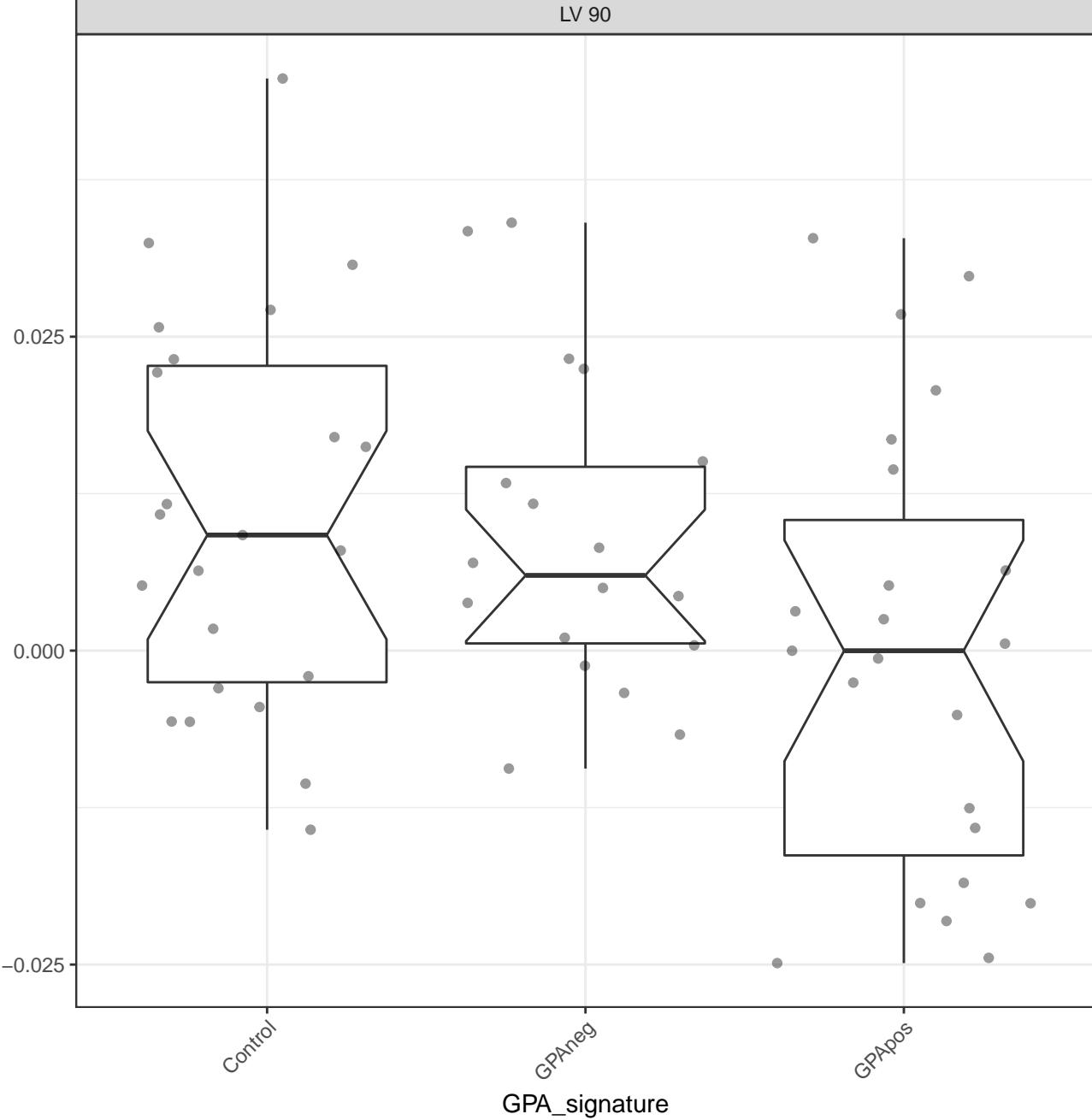


LV 89



LV 90

Value



91,KEGG_LYSOSOME

Value

0.15

0.10

0.05

0.00

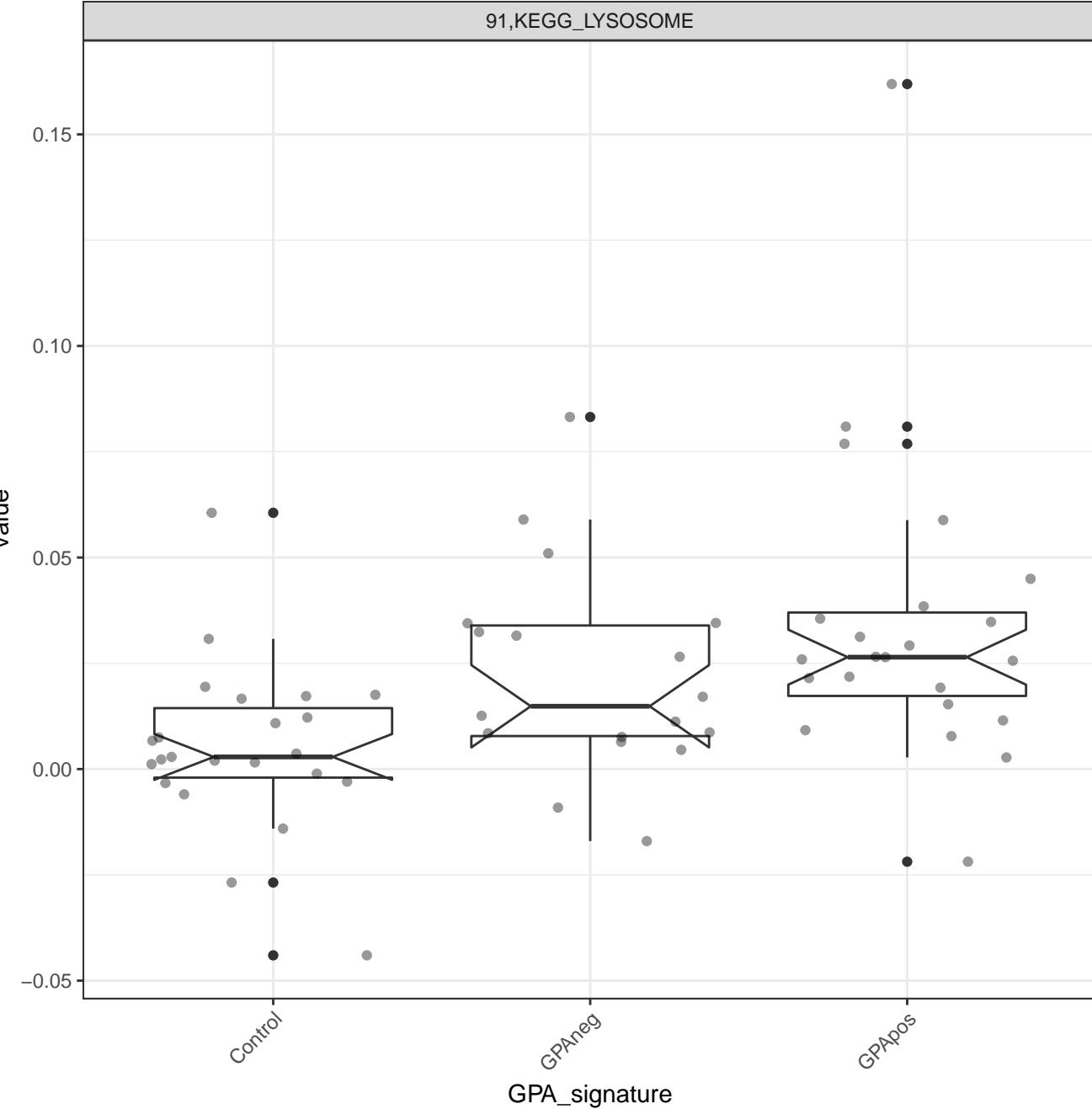
-0.05

Control

GPA_signature

GPAneg

GPAPos



92,REACTOME_CHROMOSOME_MAINTENANCE

Value

0.00

-0.05

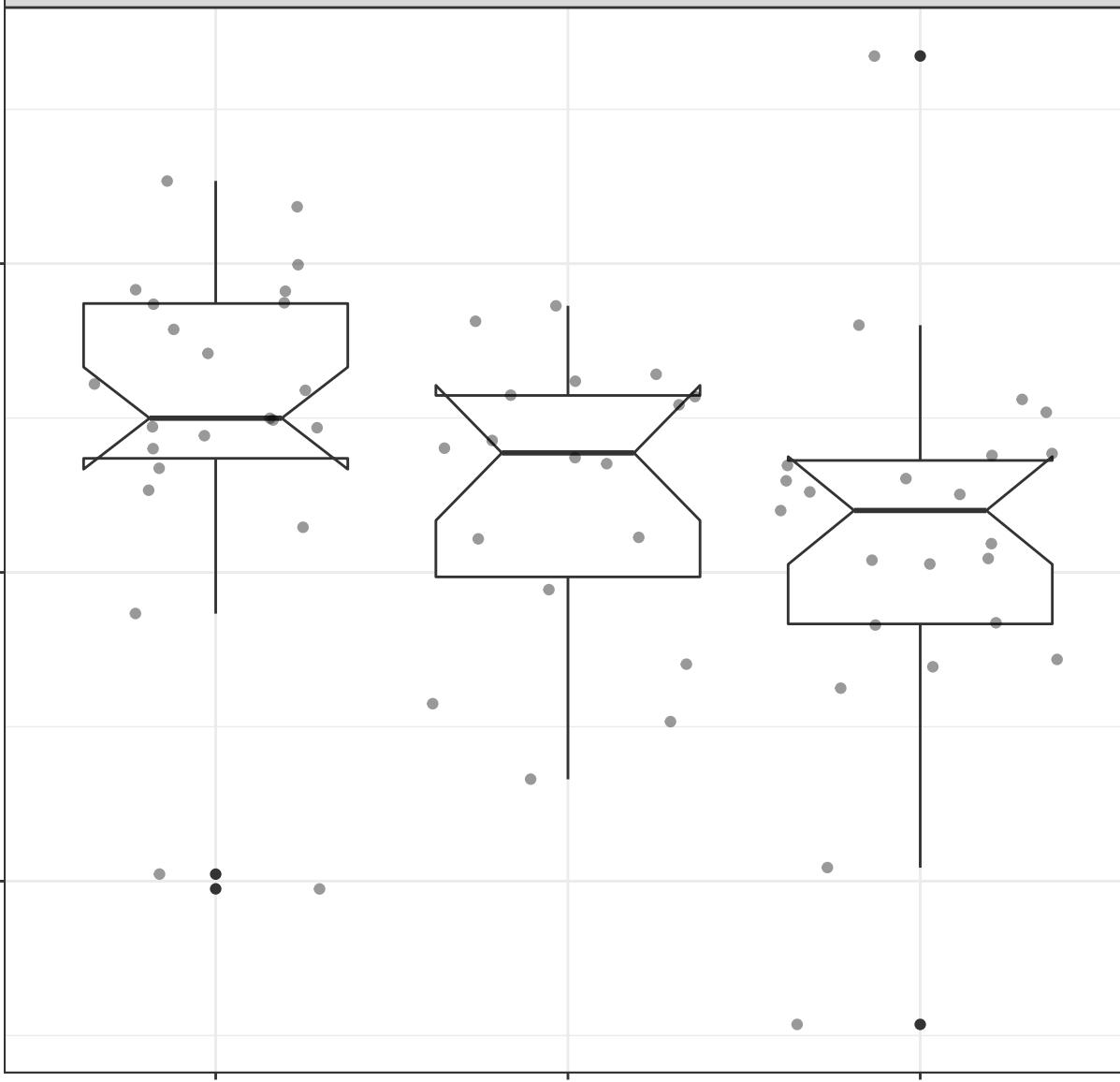
-0.10

Control

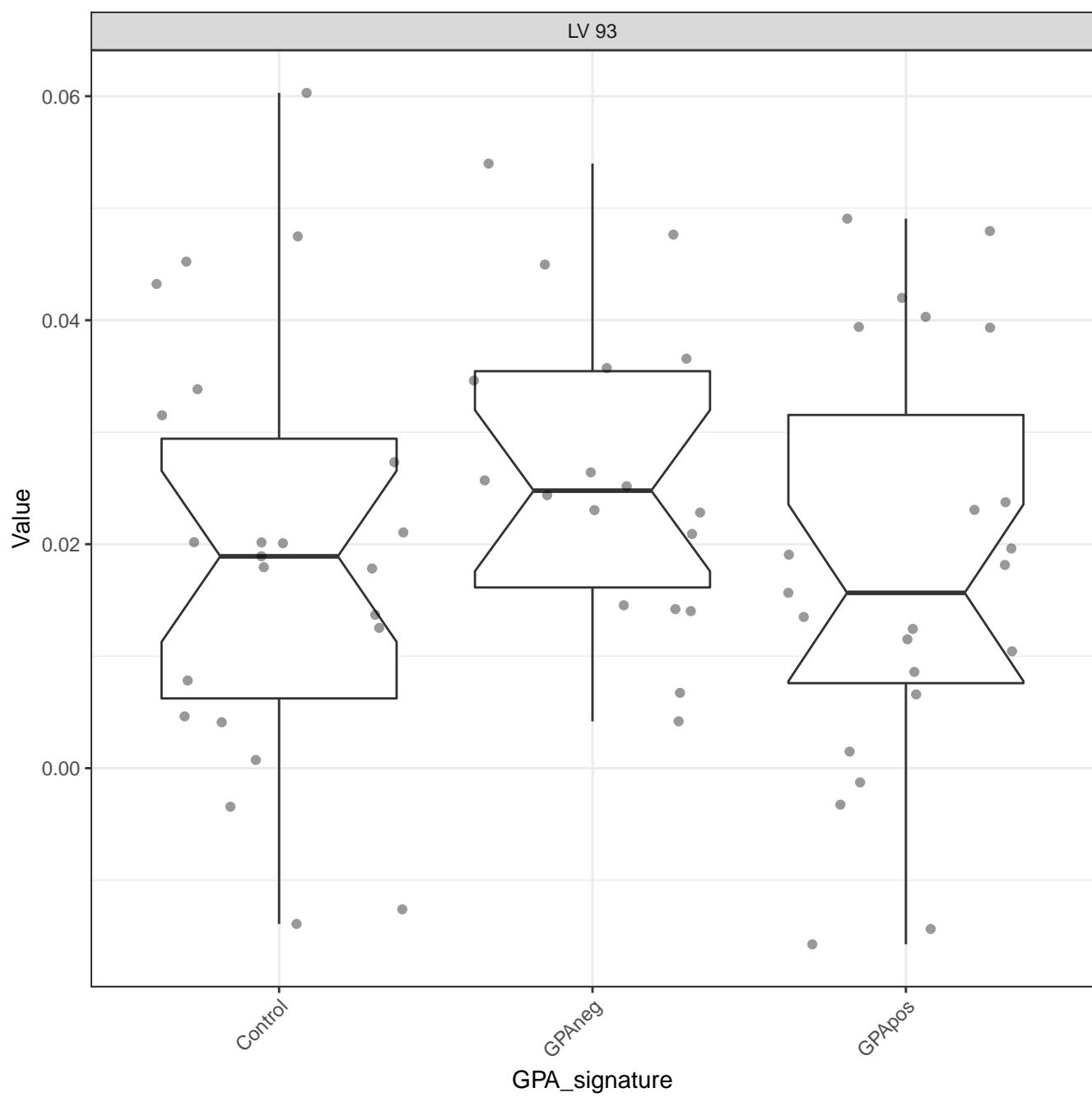
GPAneg

GPAPos

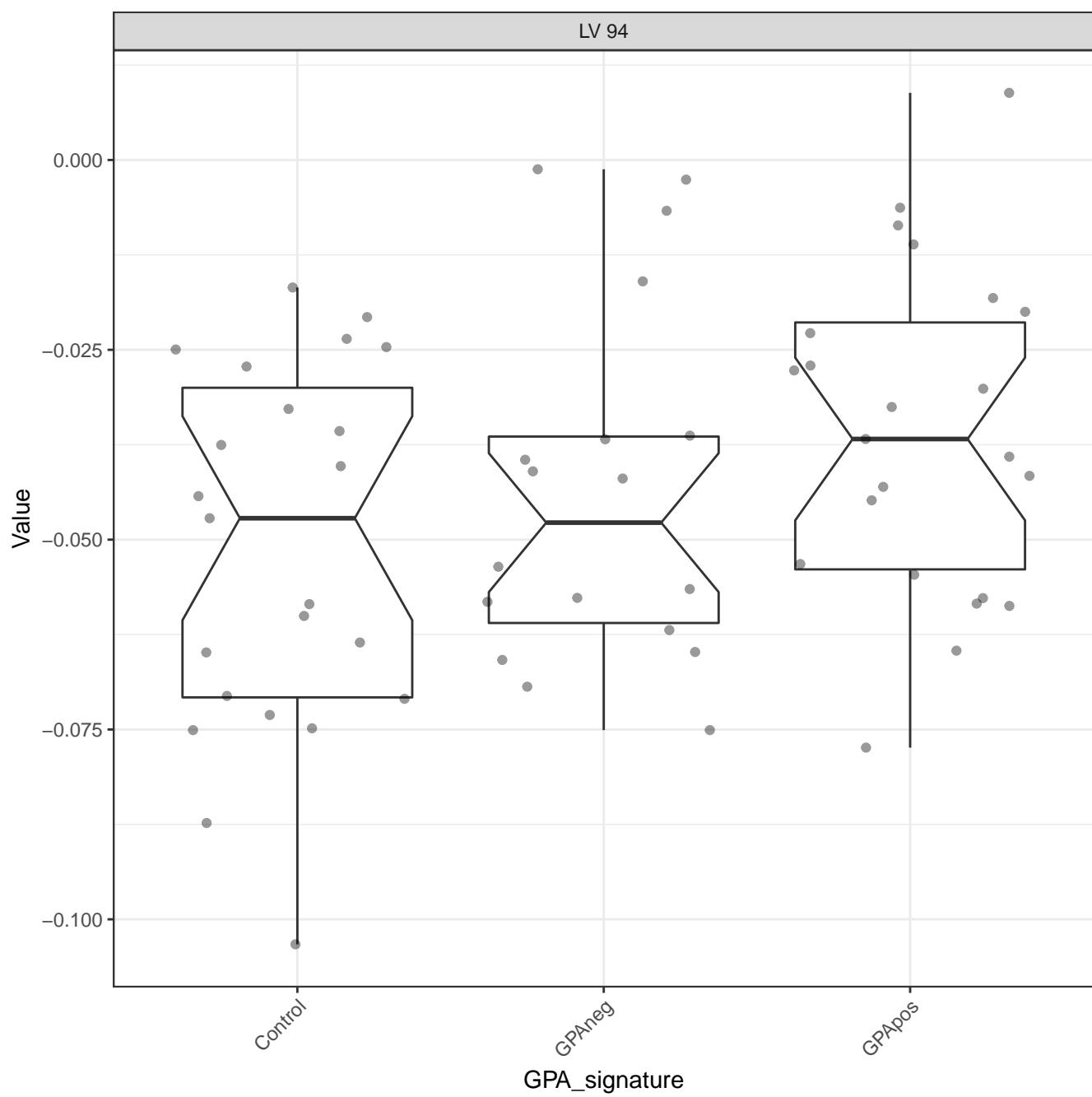
GPA_signature



LV 93



LV 94



LV 95

Value

0.00

-0.05

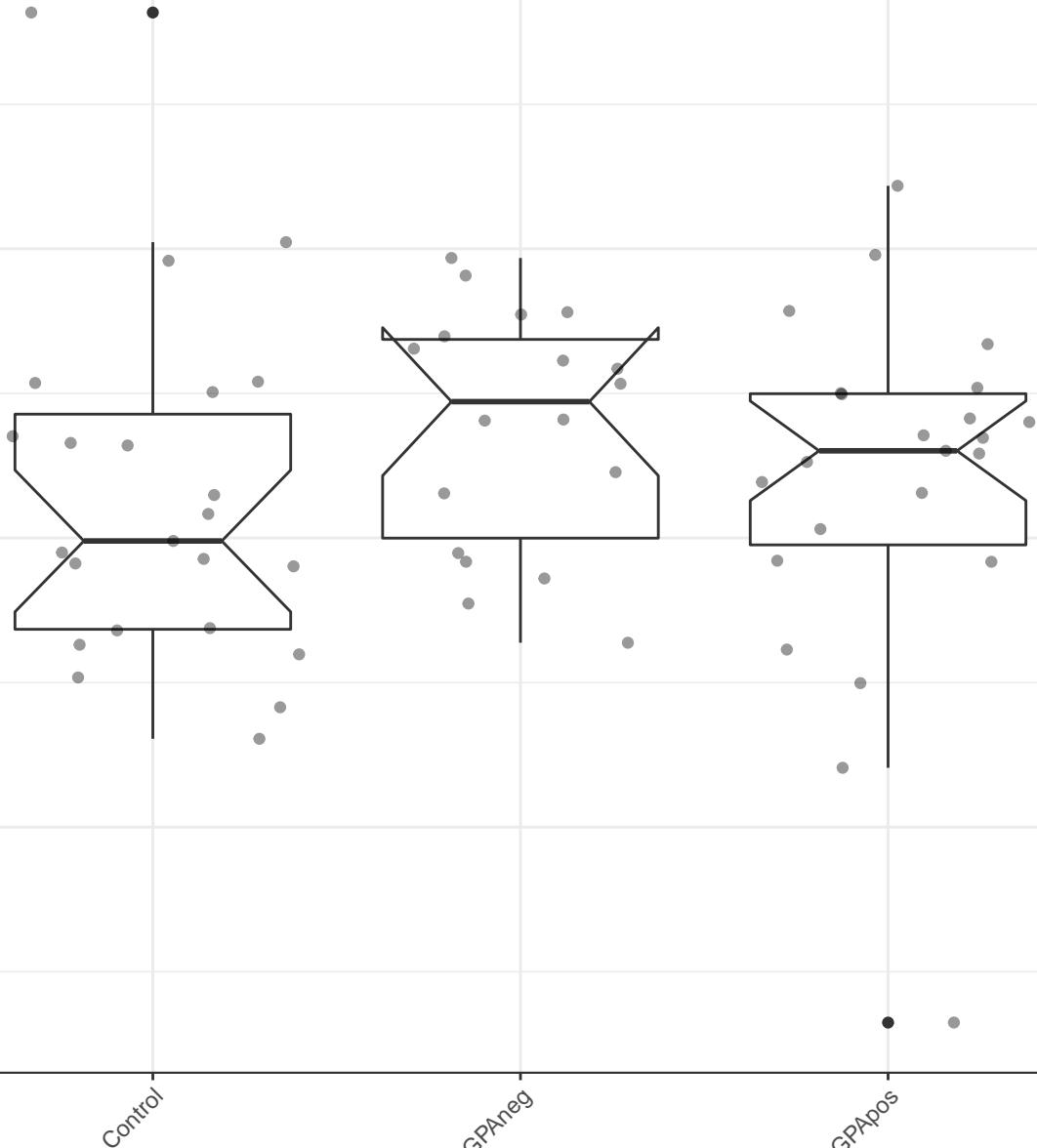
-0.10

Control

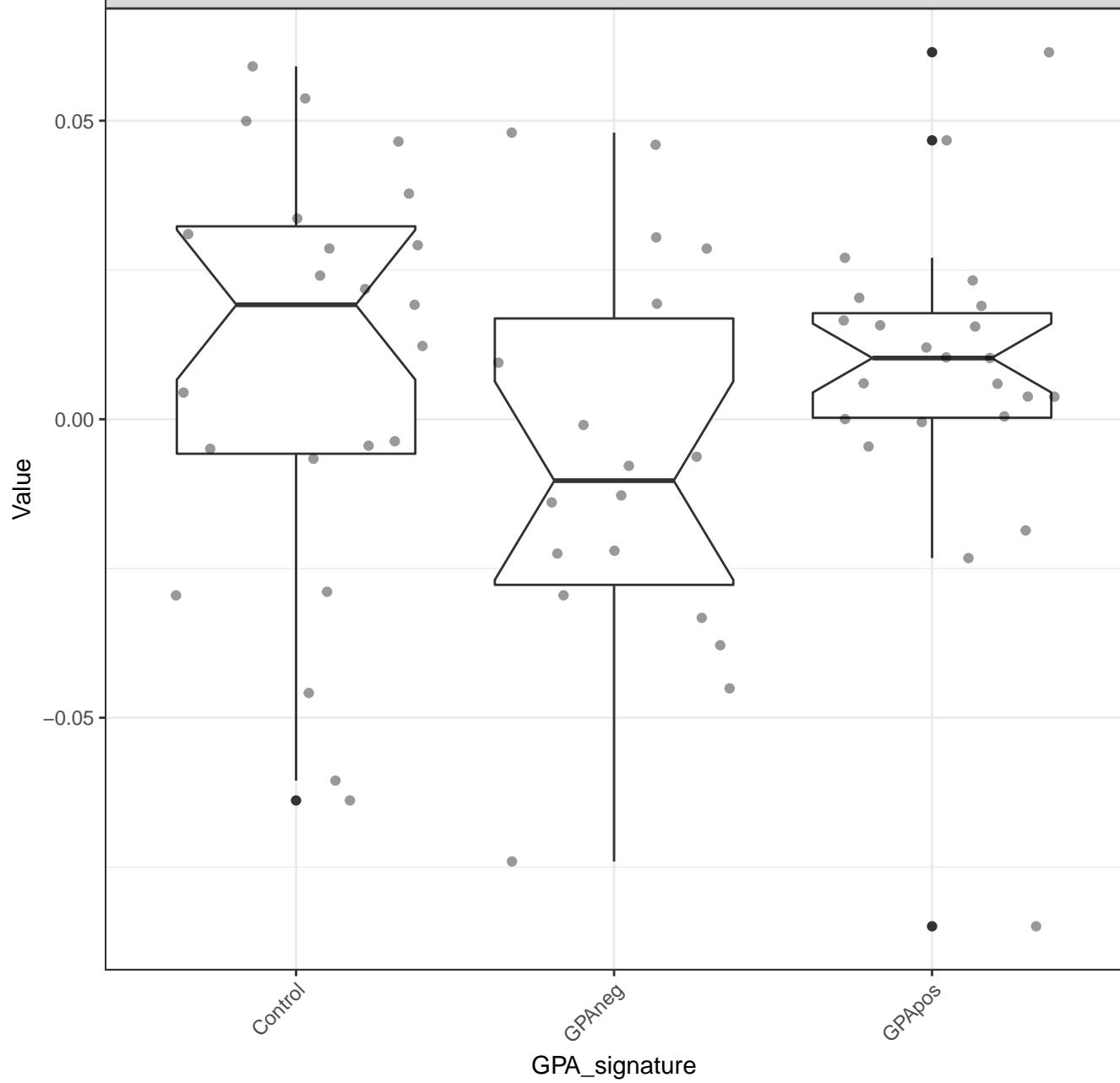
GPAneg

GPAPos

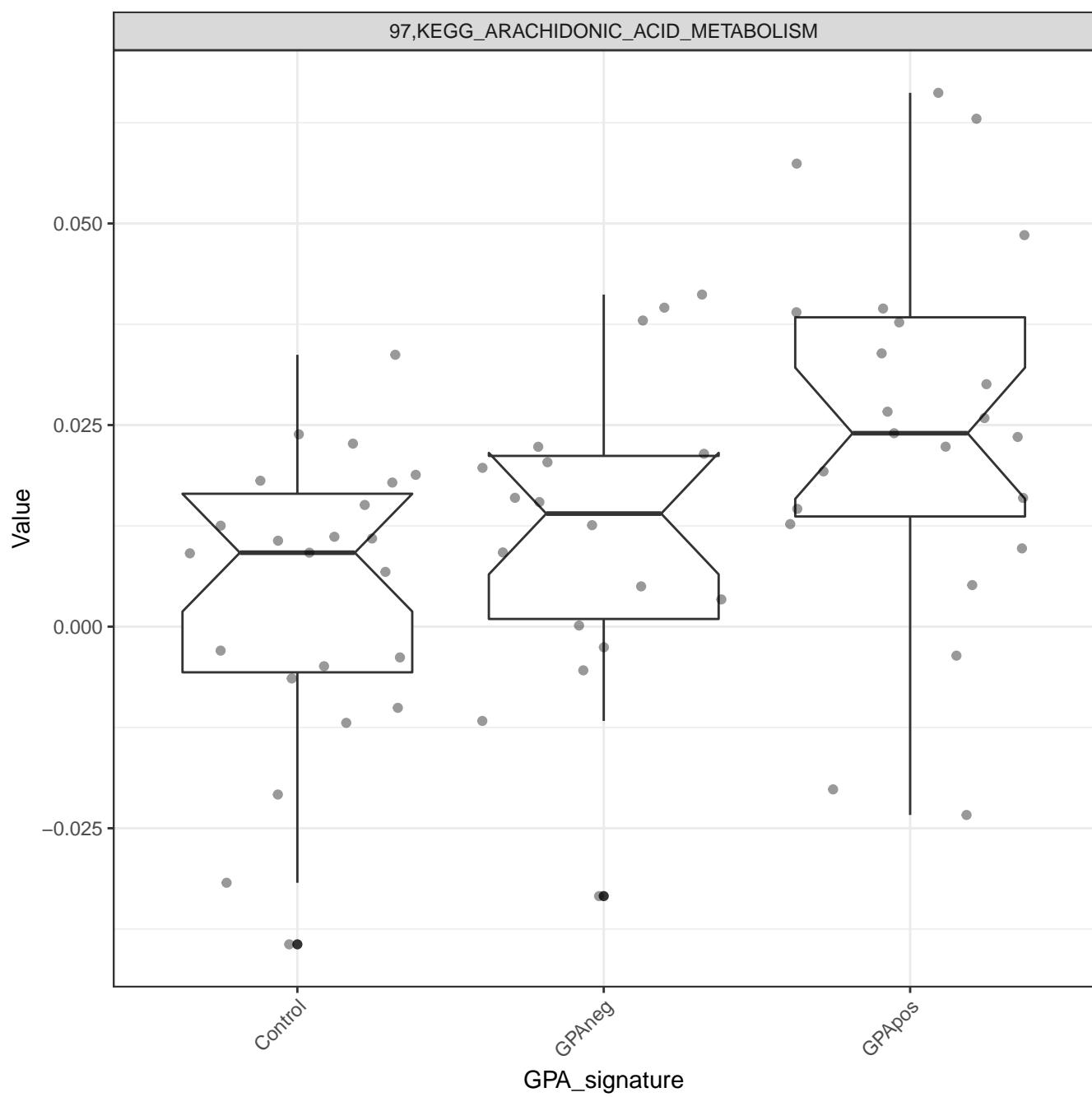
GPA_signature



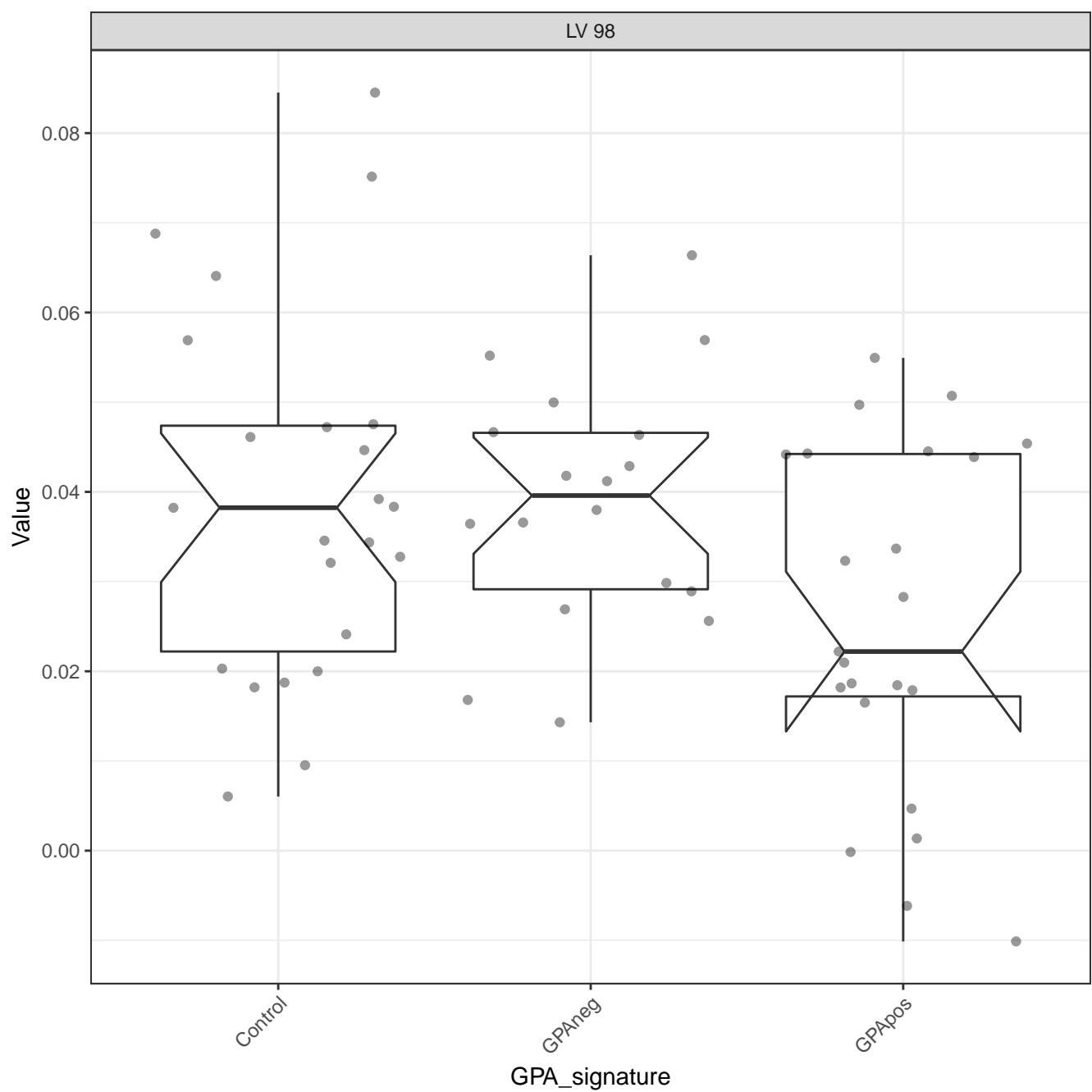
96,SVM NK cells activated



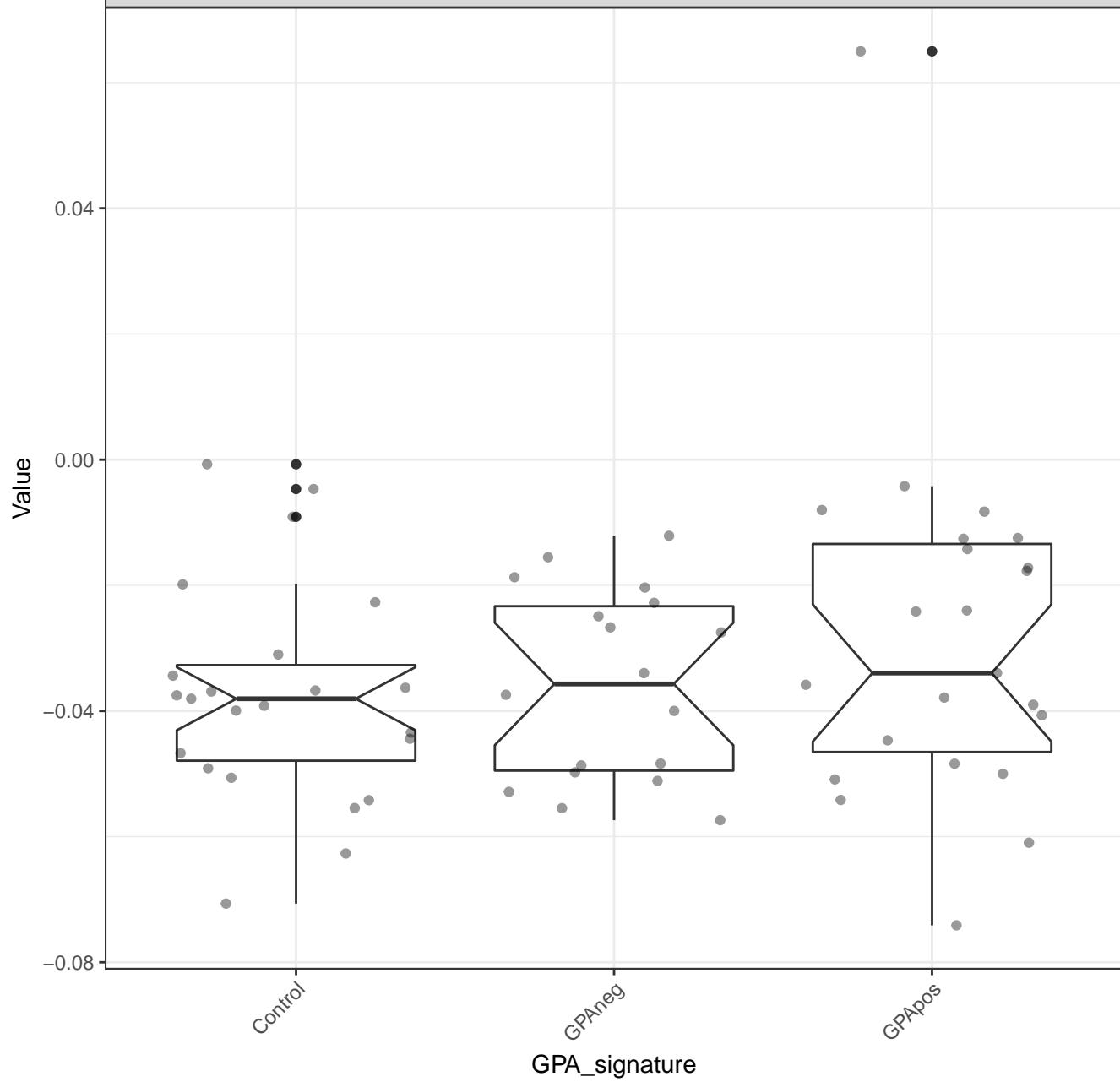
97,KEGG_ARACHIDONIC_ACID_METABOLISM



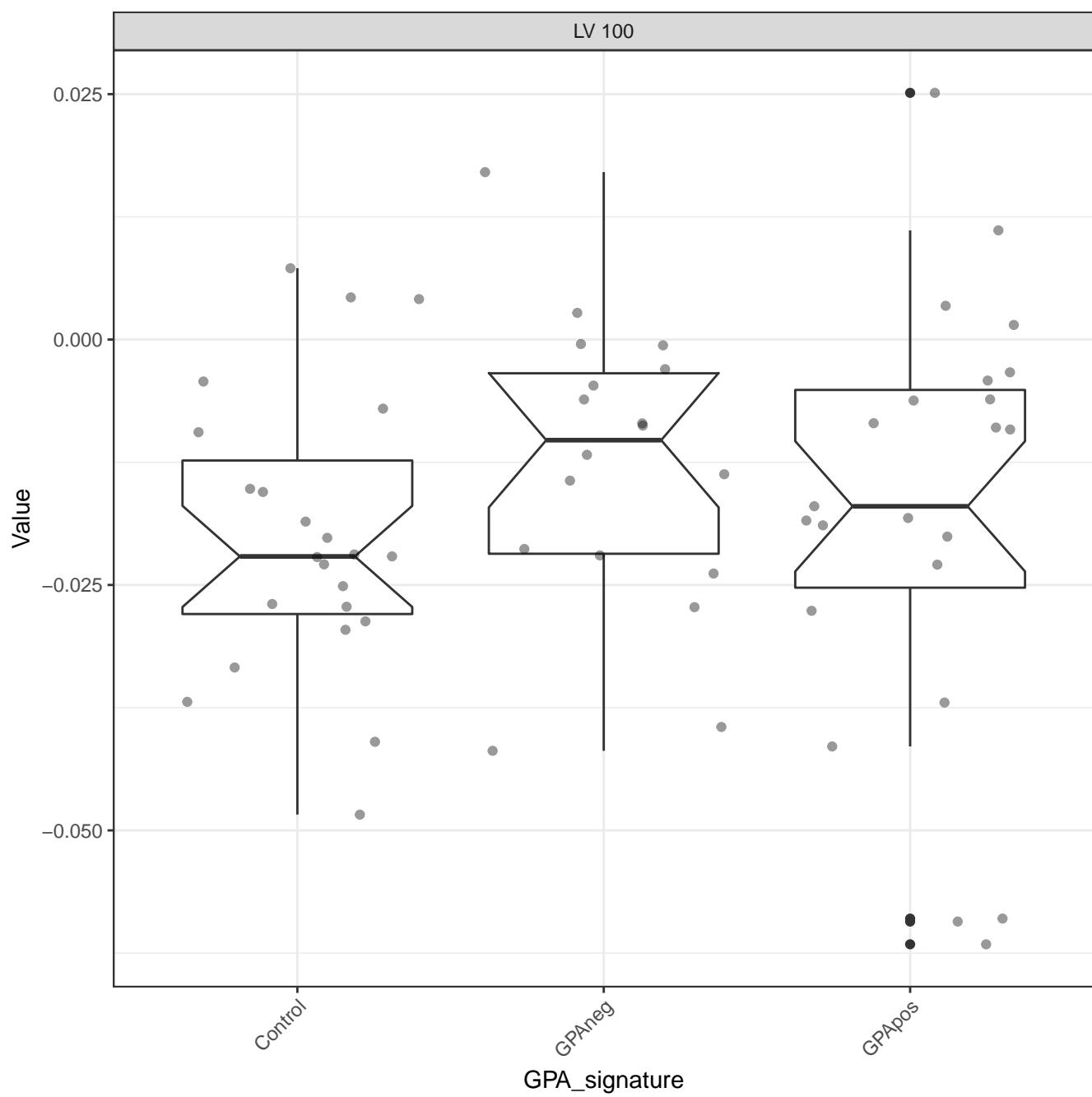
LV 98



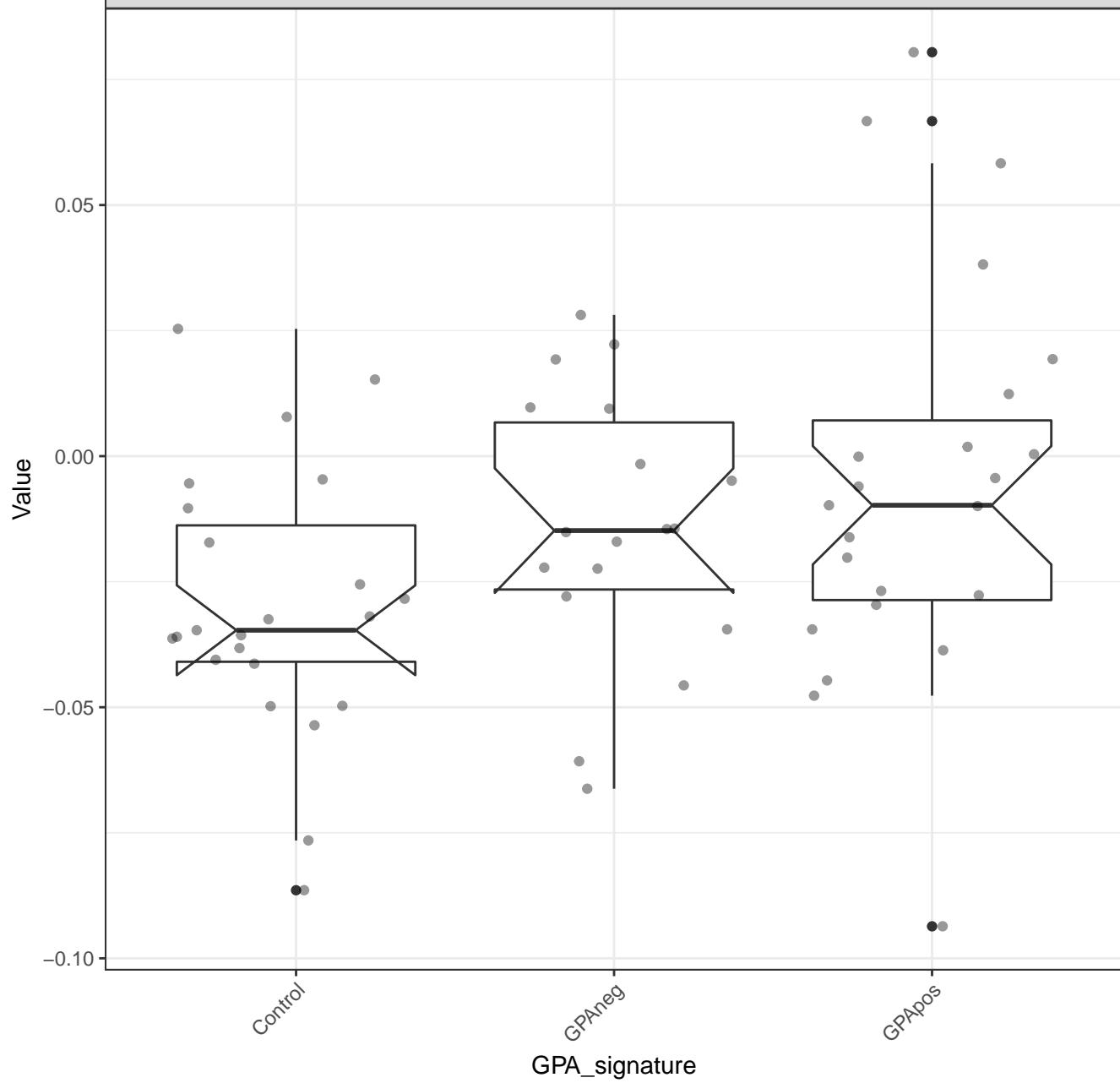
LV 99



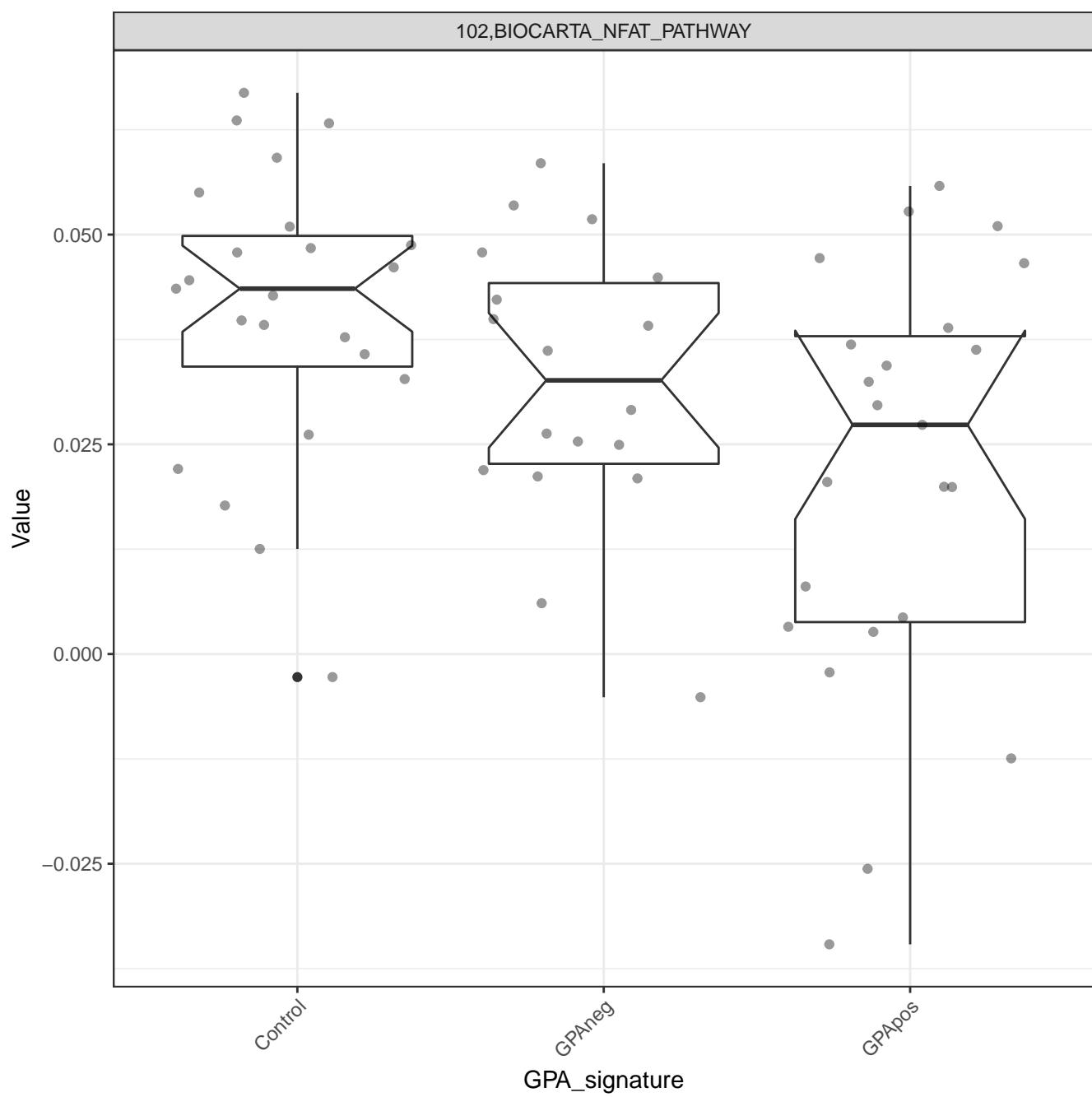
LV 100



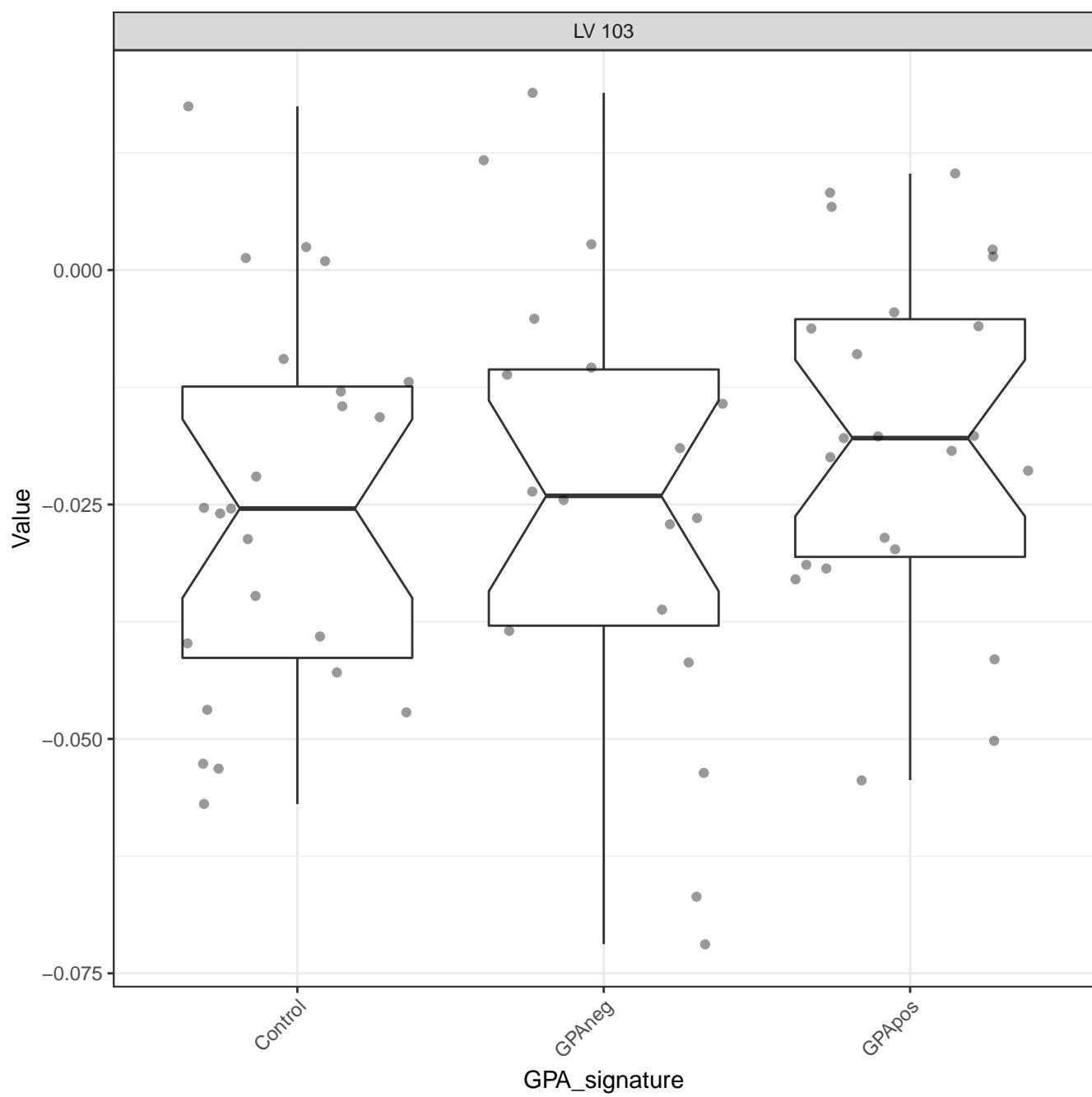
101,DMAP_NKA3



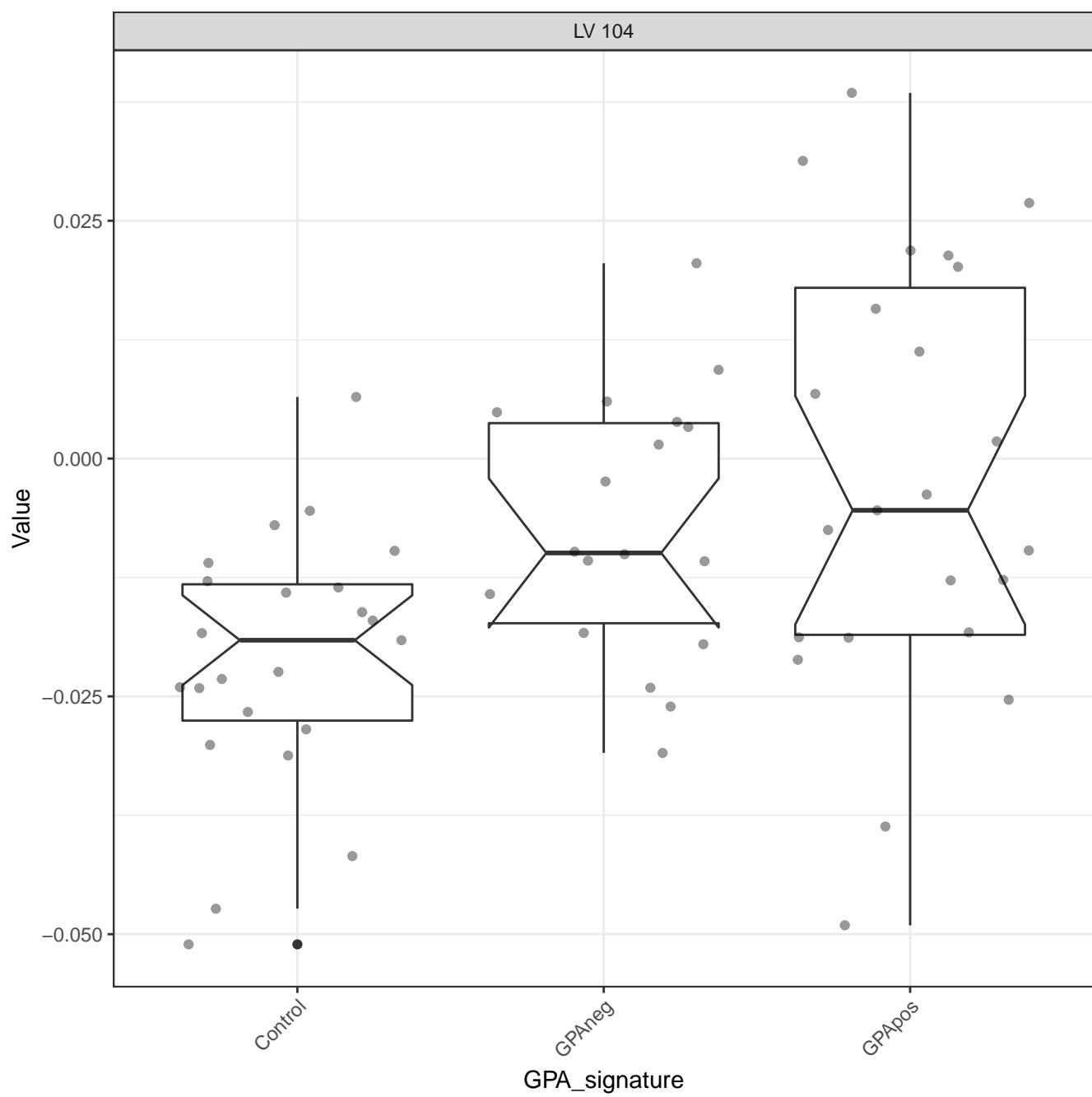
102,BIOCARTA_NFAT_PATHWAY



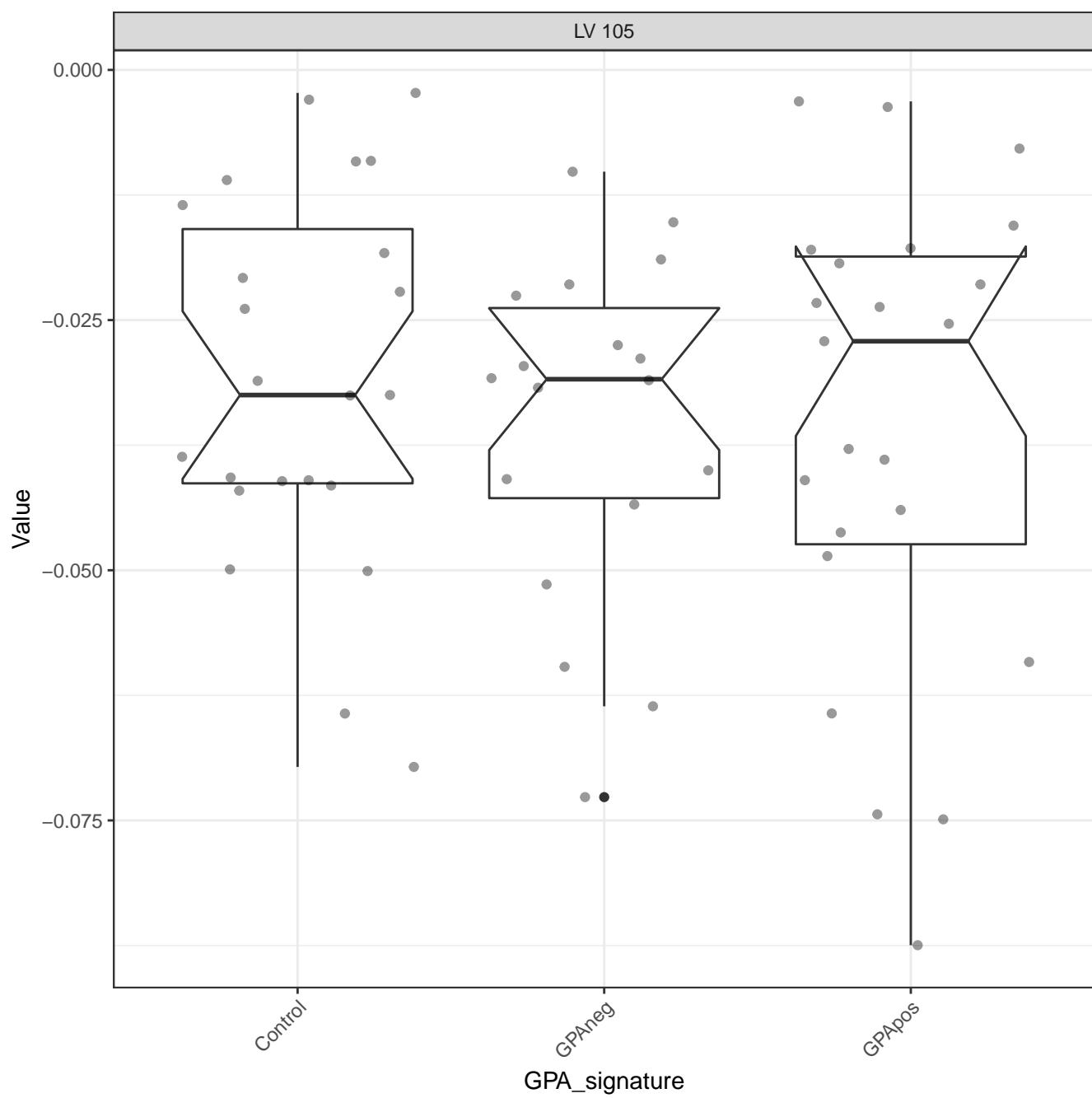
LV 103



LV 104

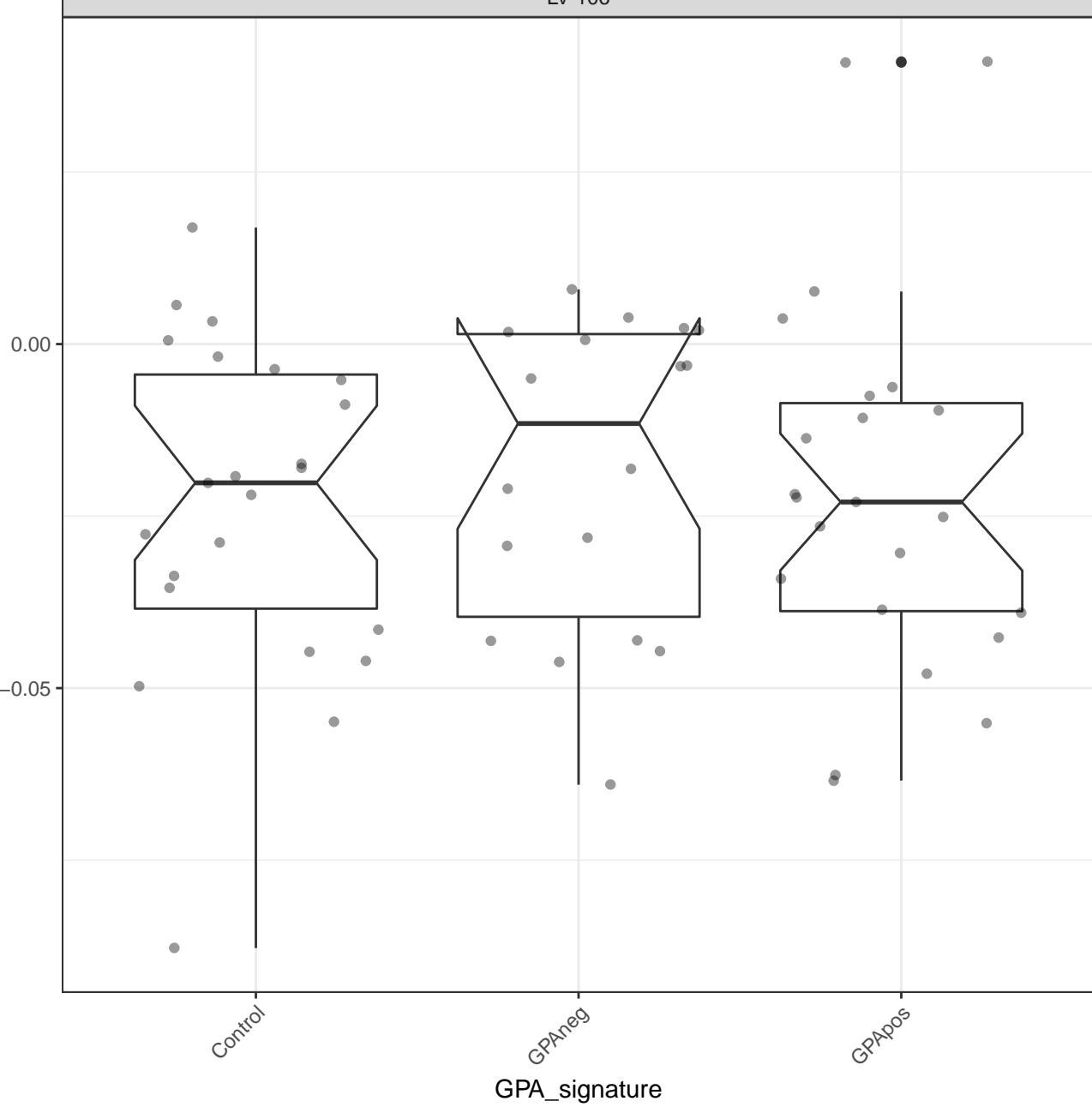


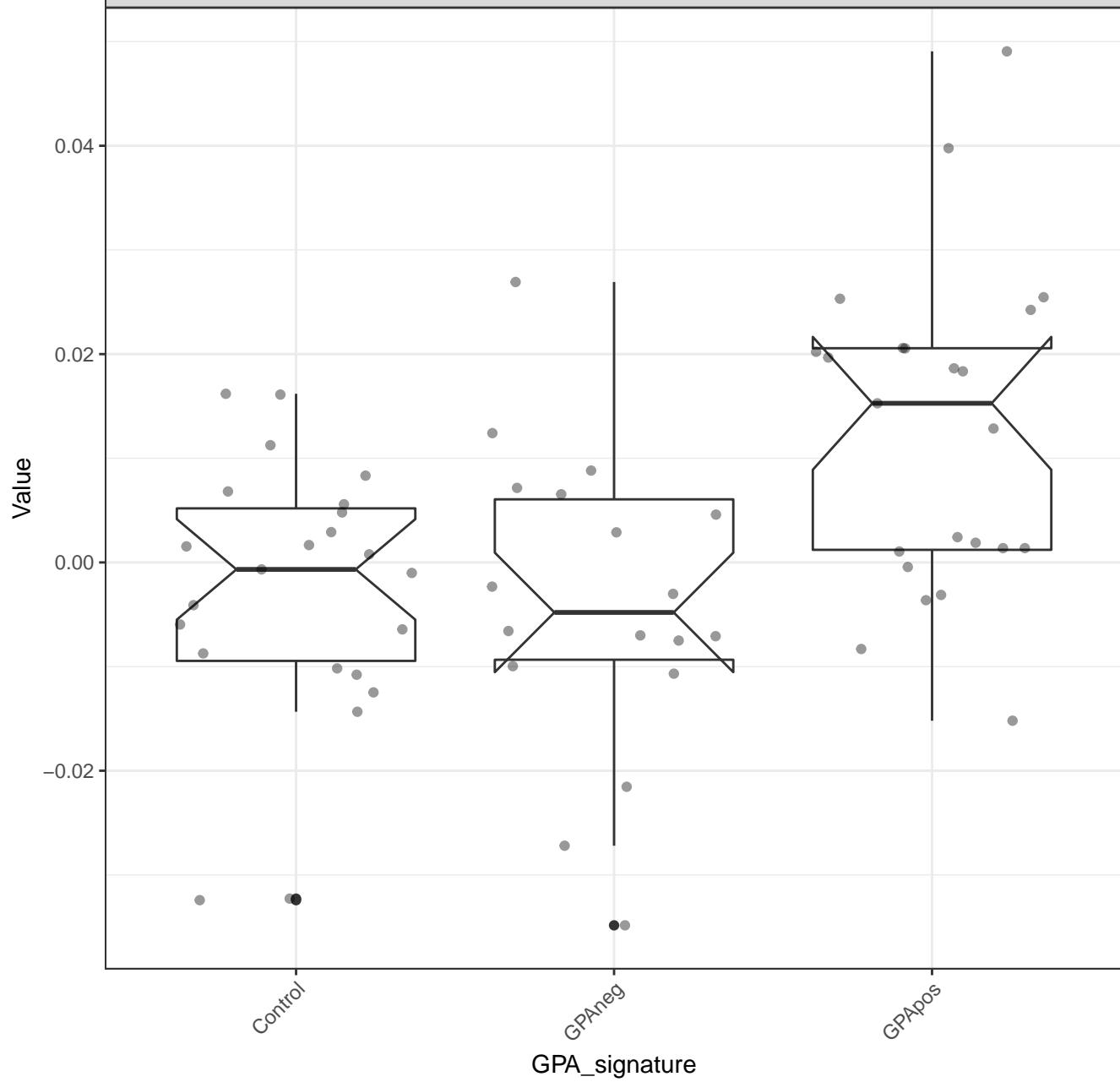
LV 105



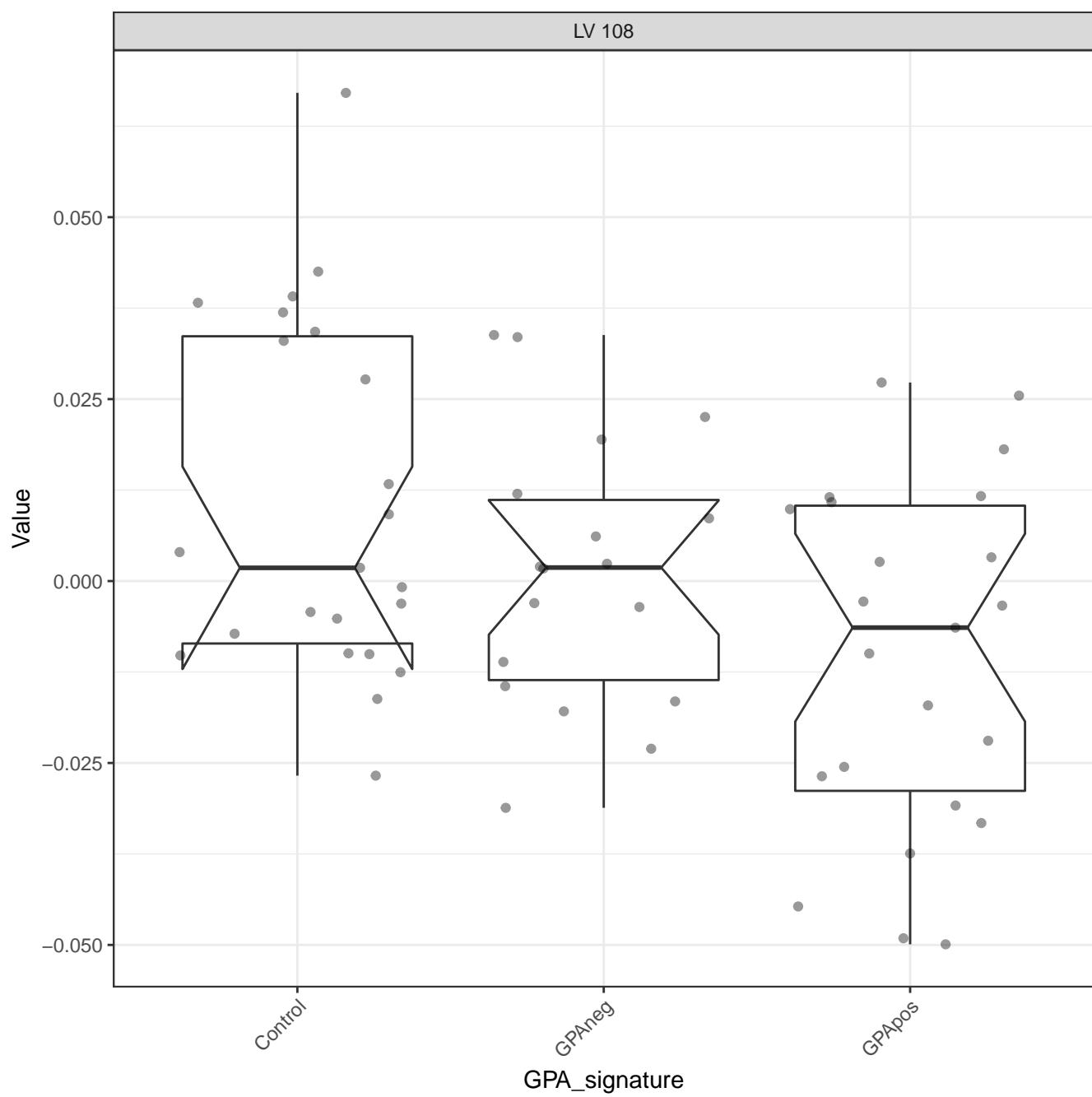
LV 106

Value

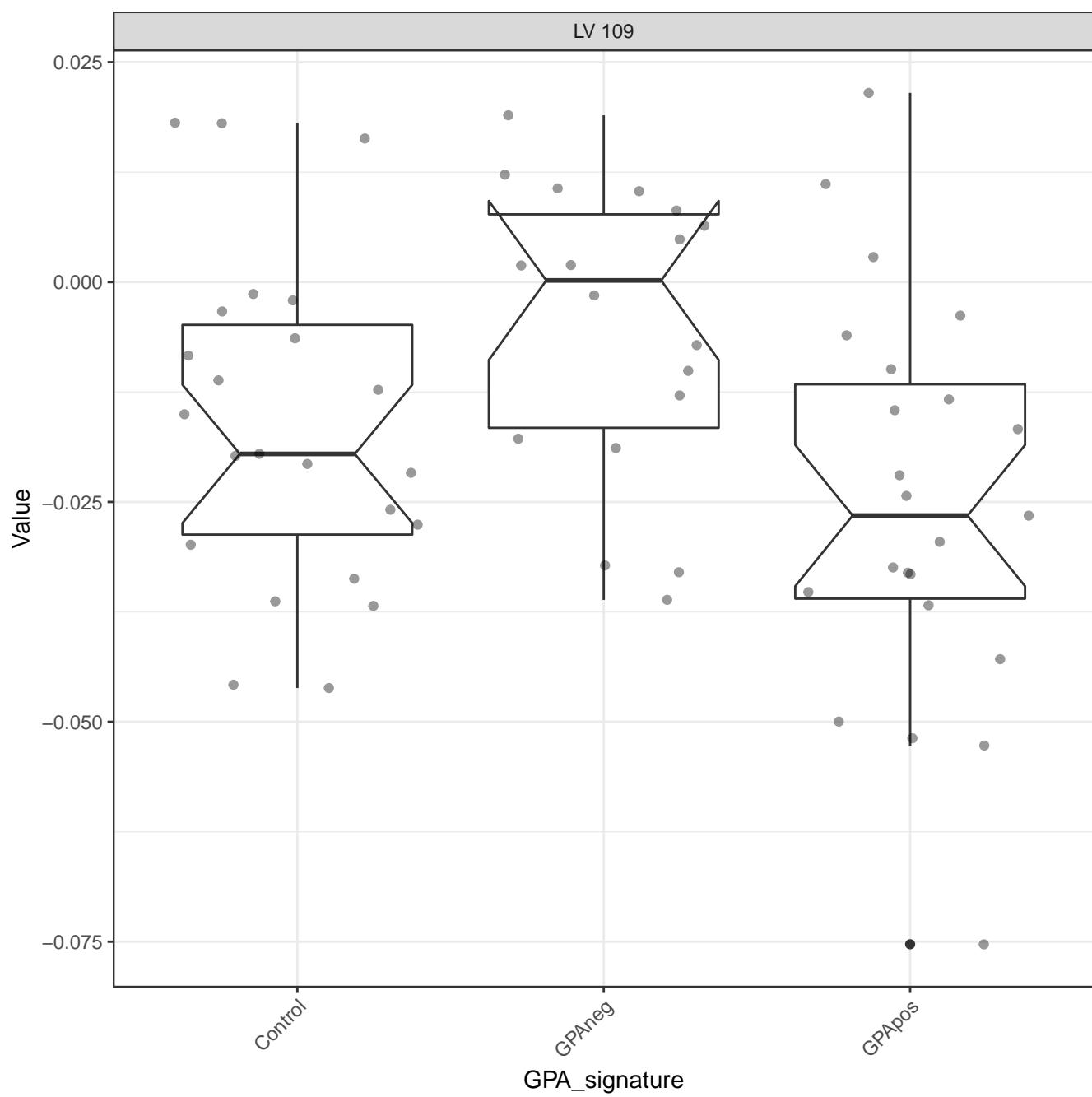




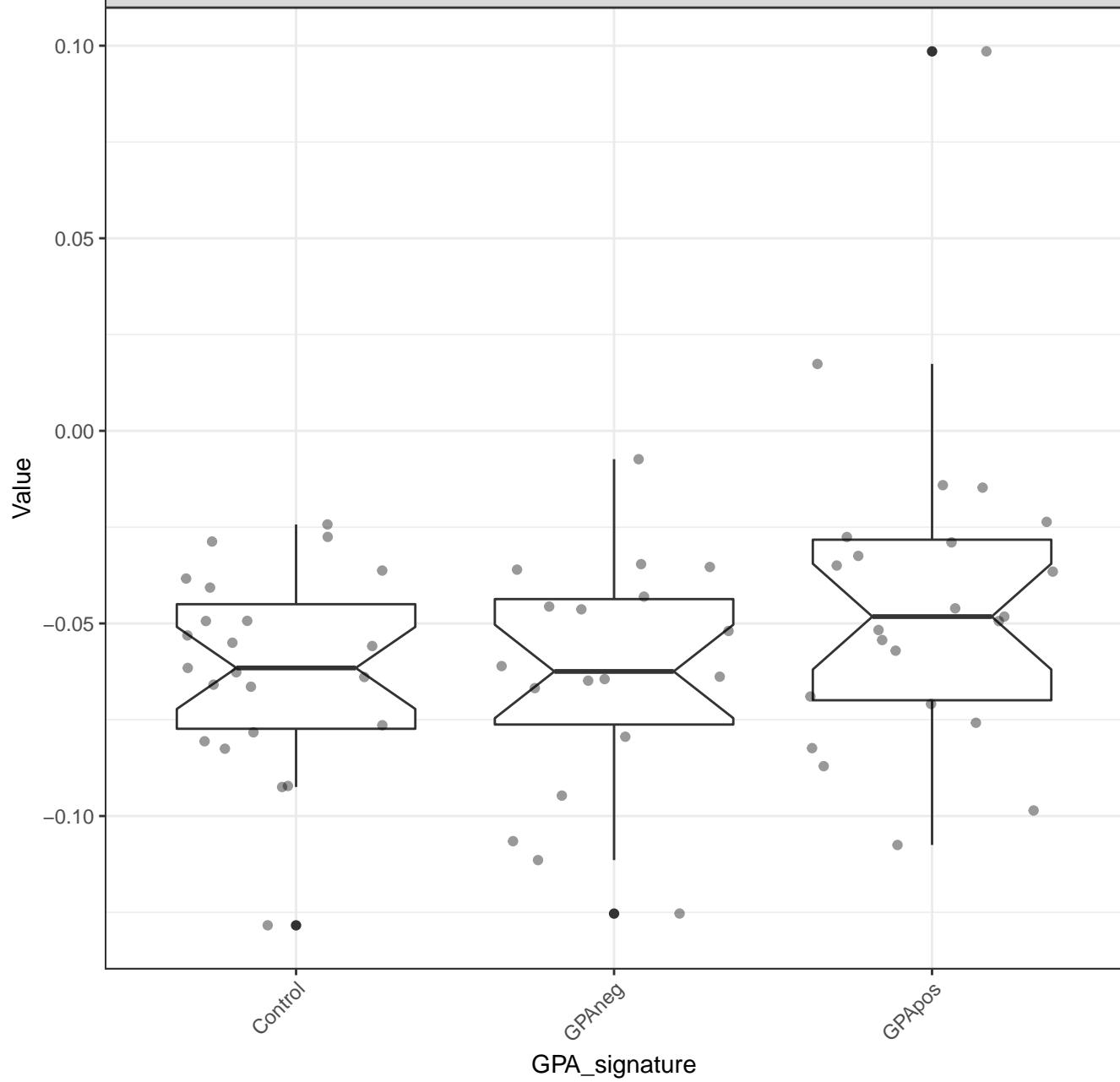
LV 108



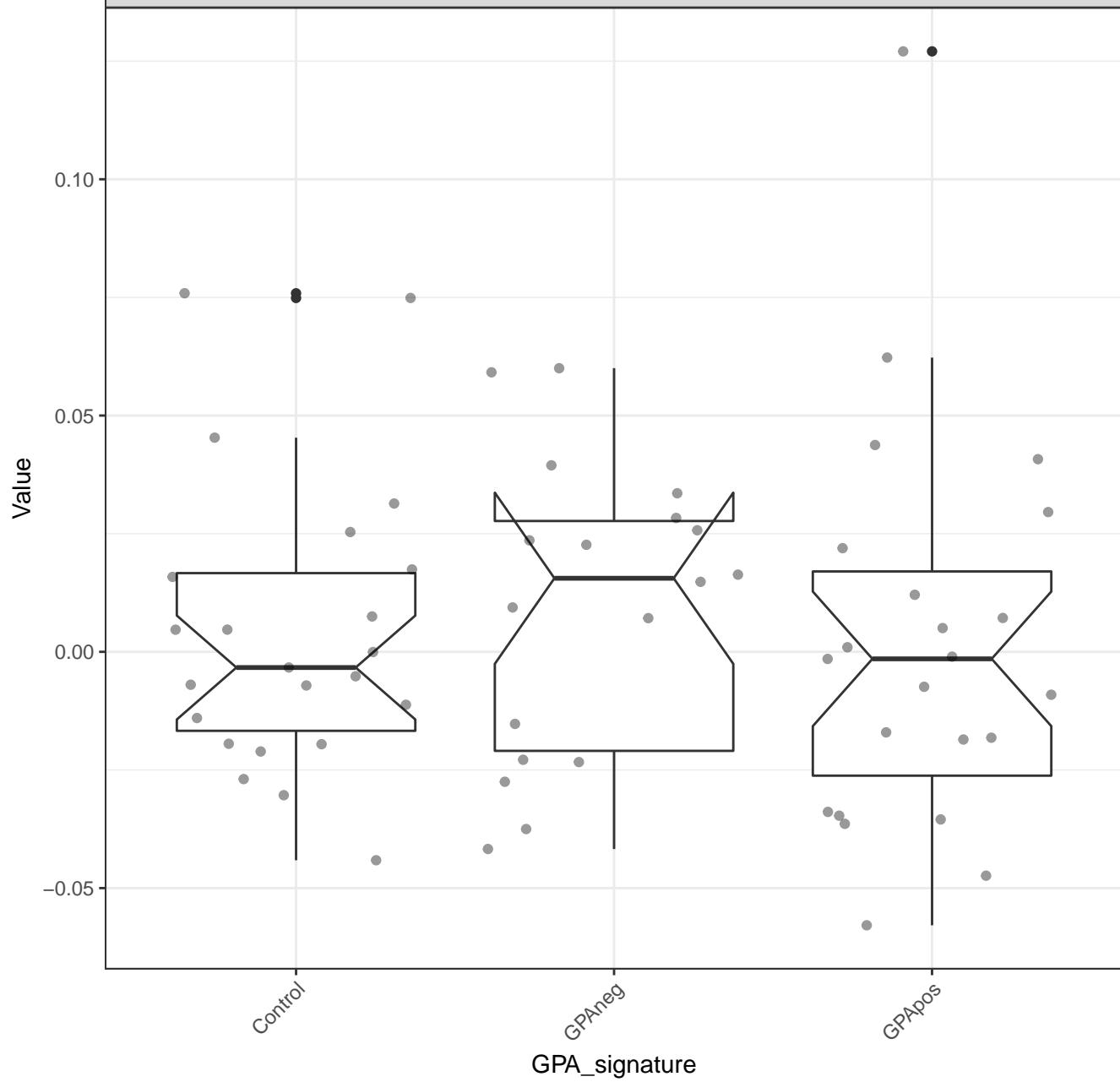
LV 109

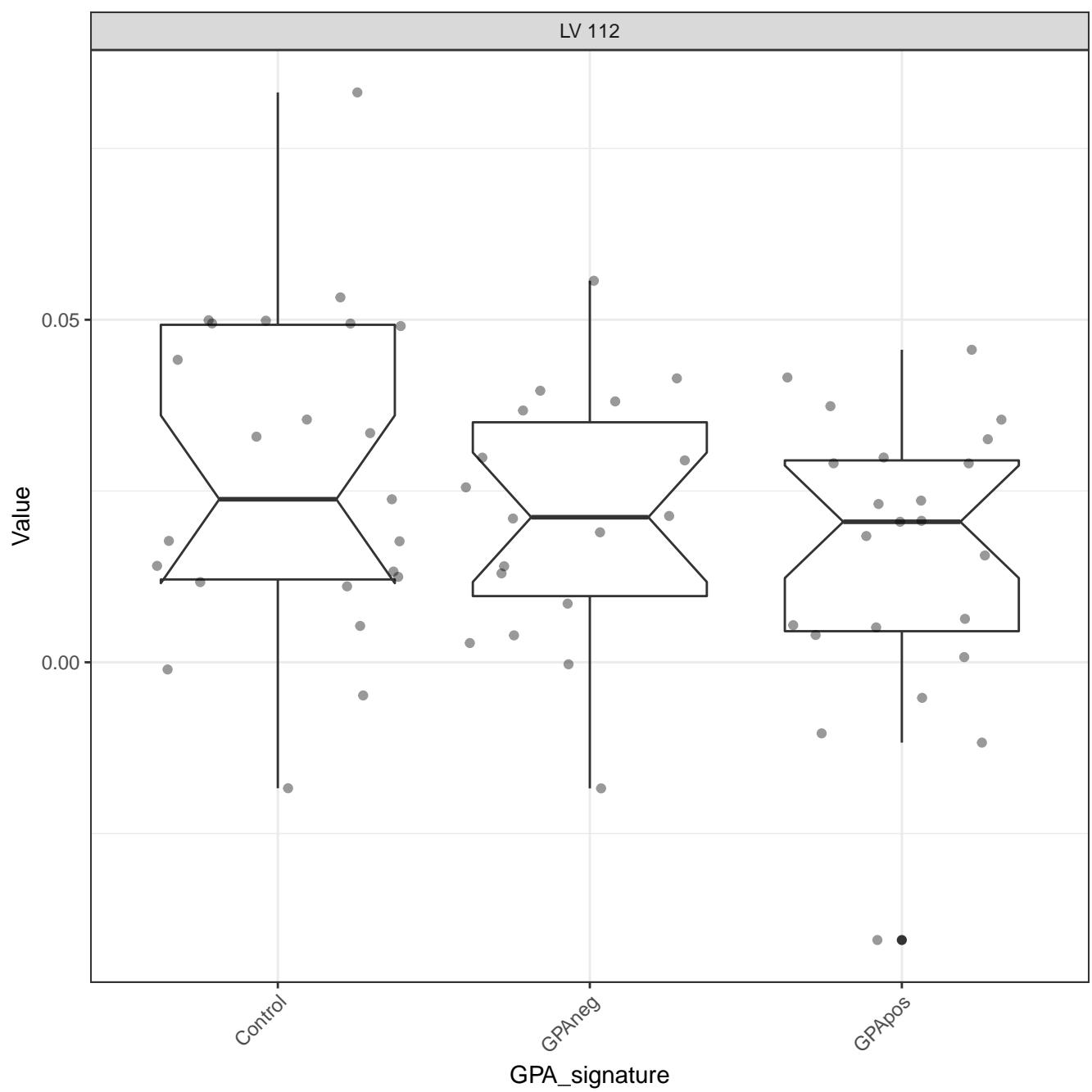


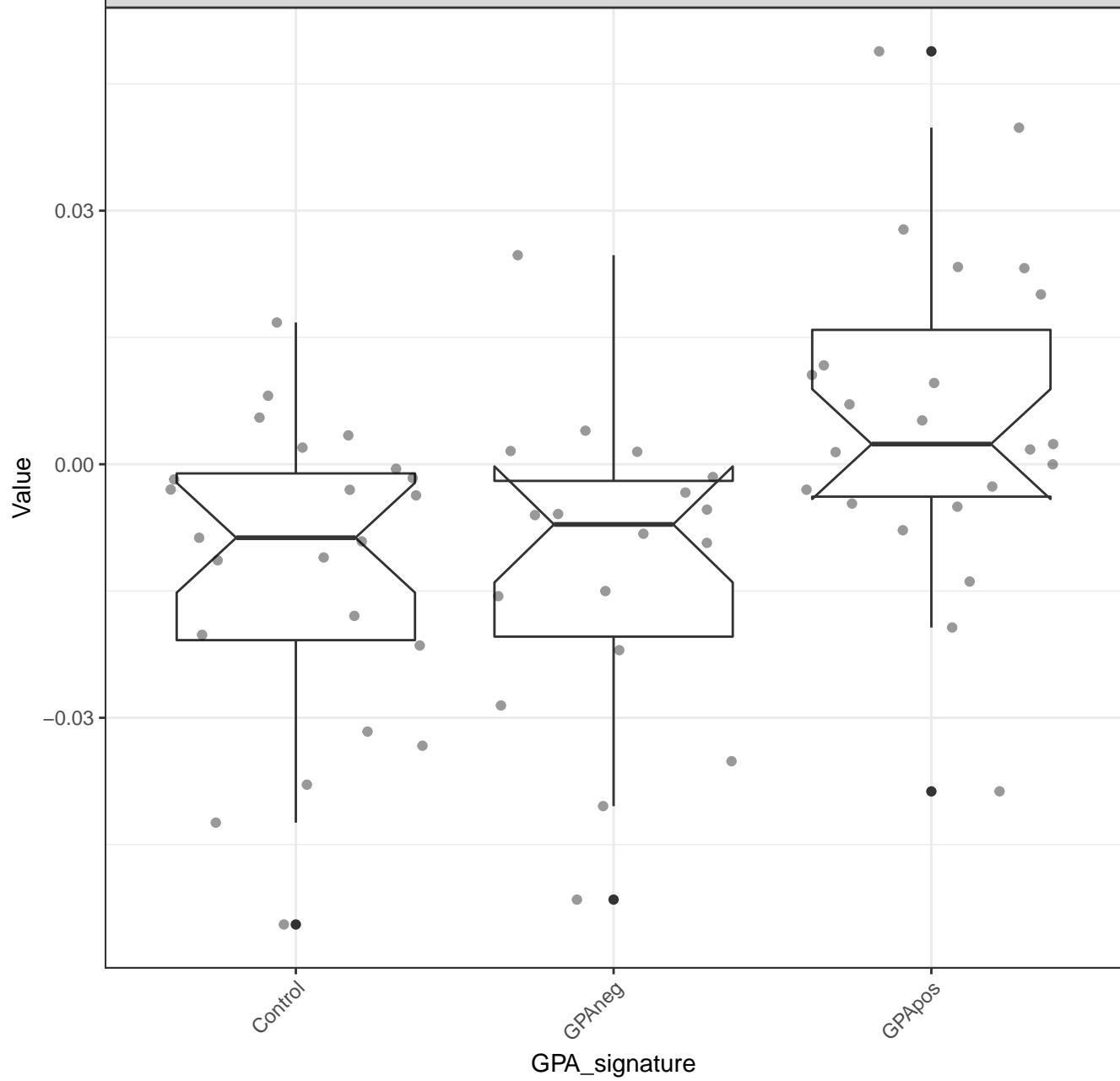
110,REACTOME_MEIOSIS



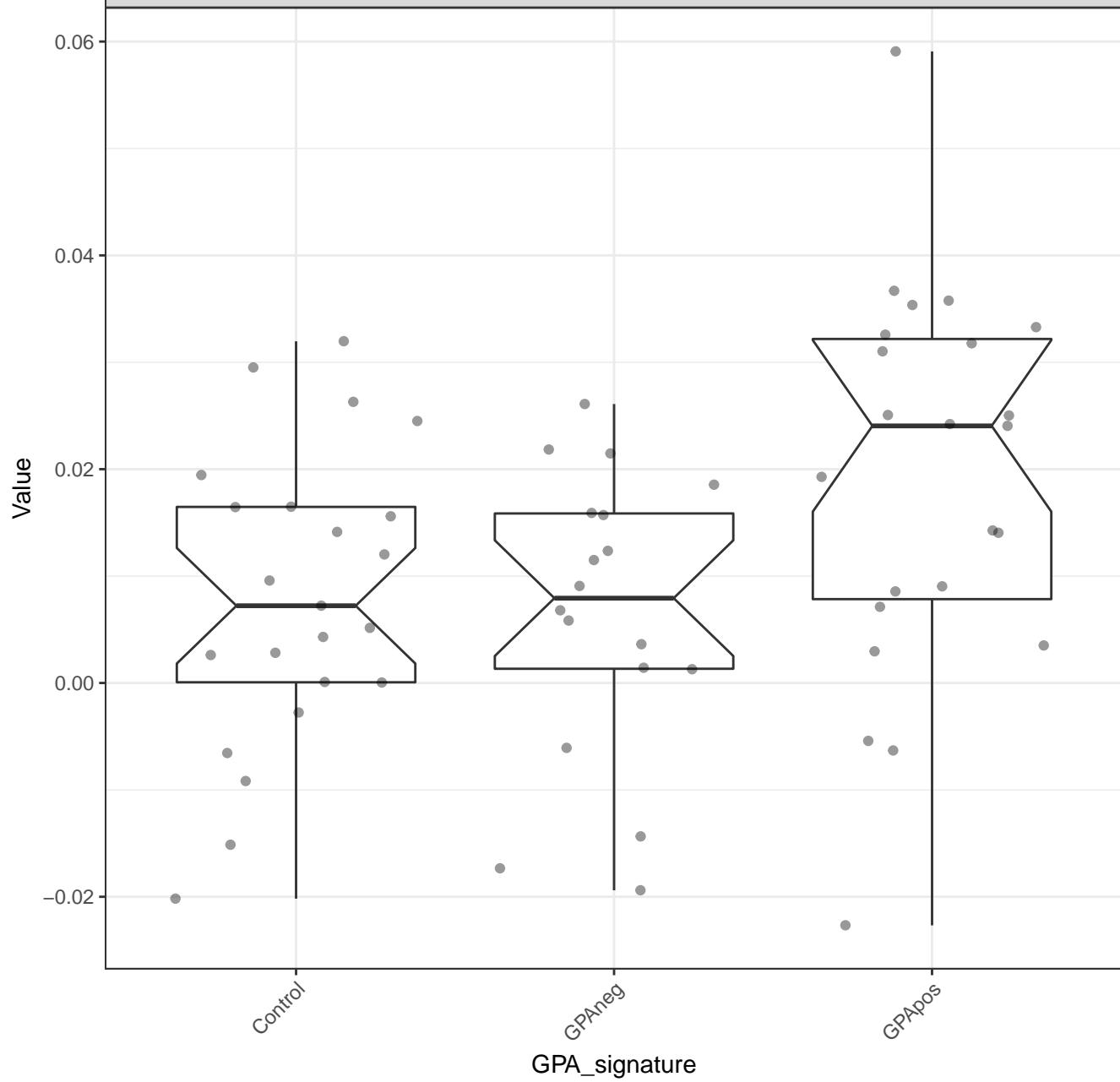
LV 111



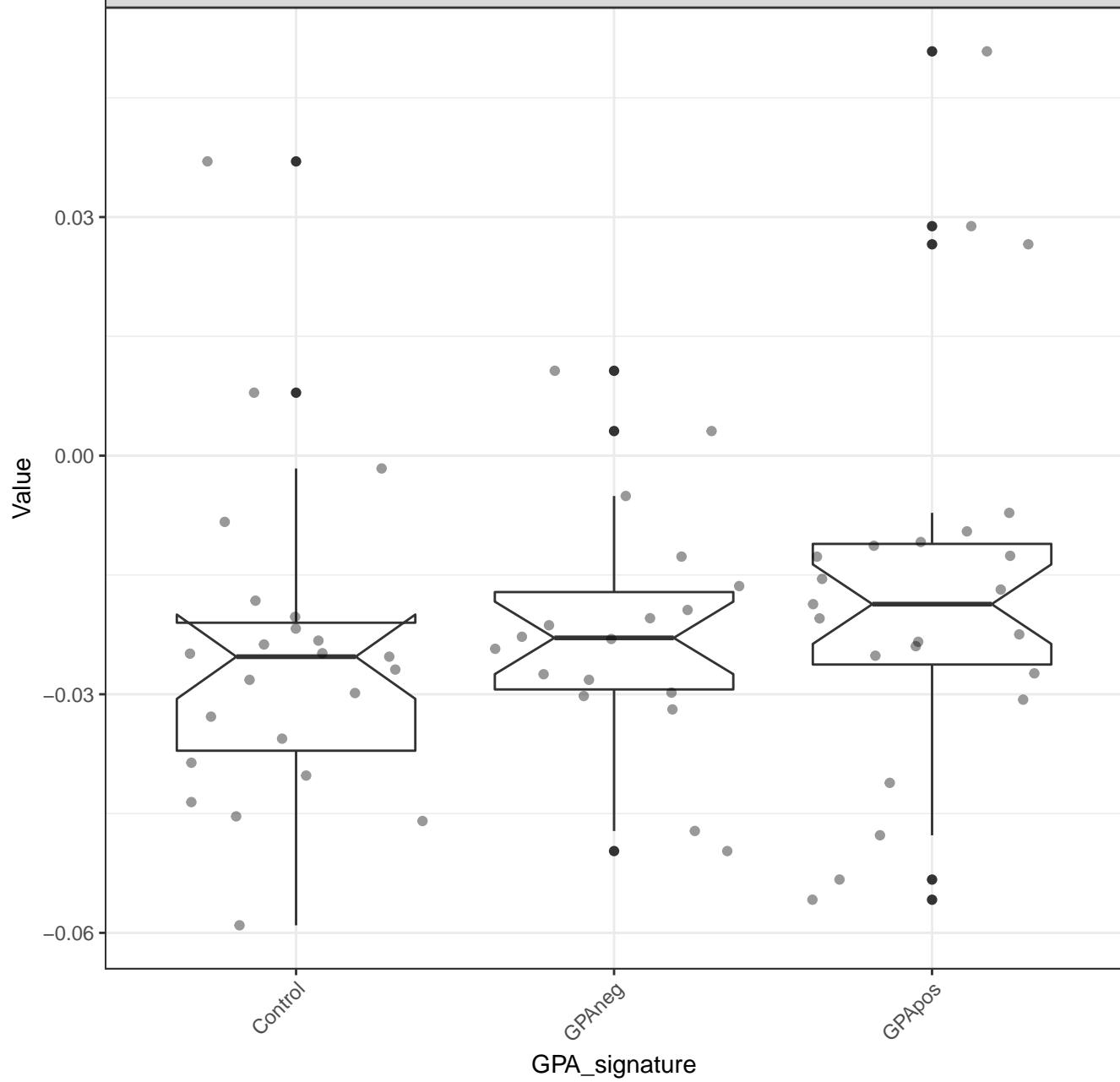




LV 114



LV 115



116,REACTOME_INTERFERON_ALPHA_BETA_SIGNALING

Value

0.2

0.1

0.0

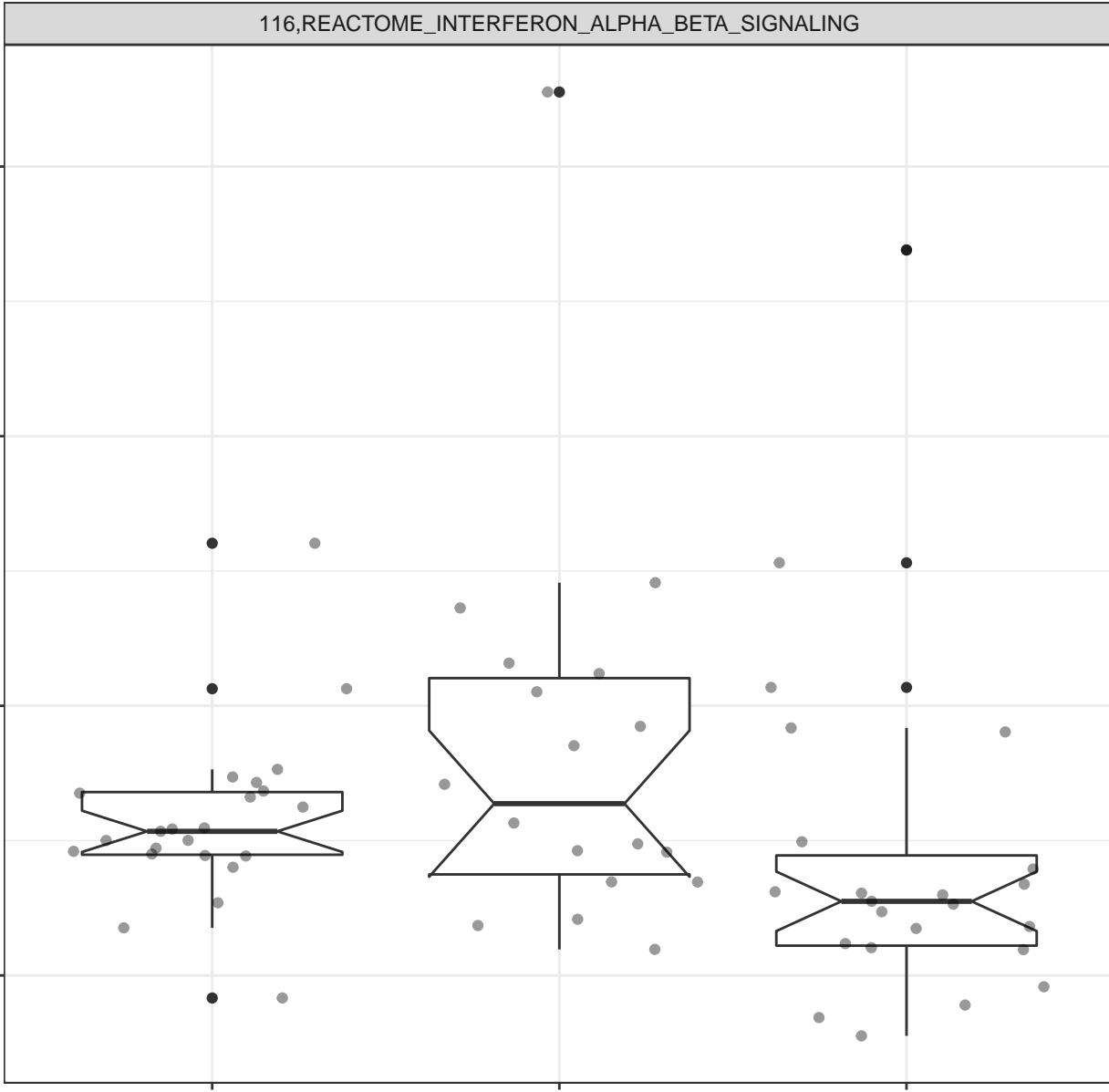
-0.1

Control

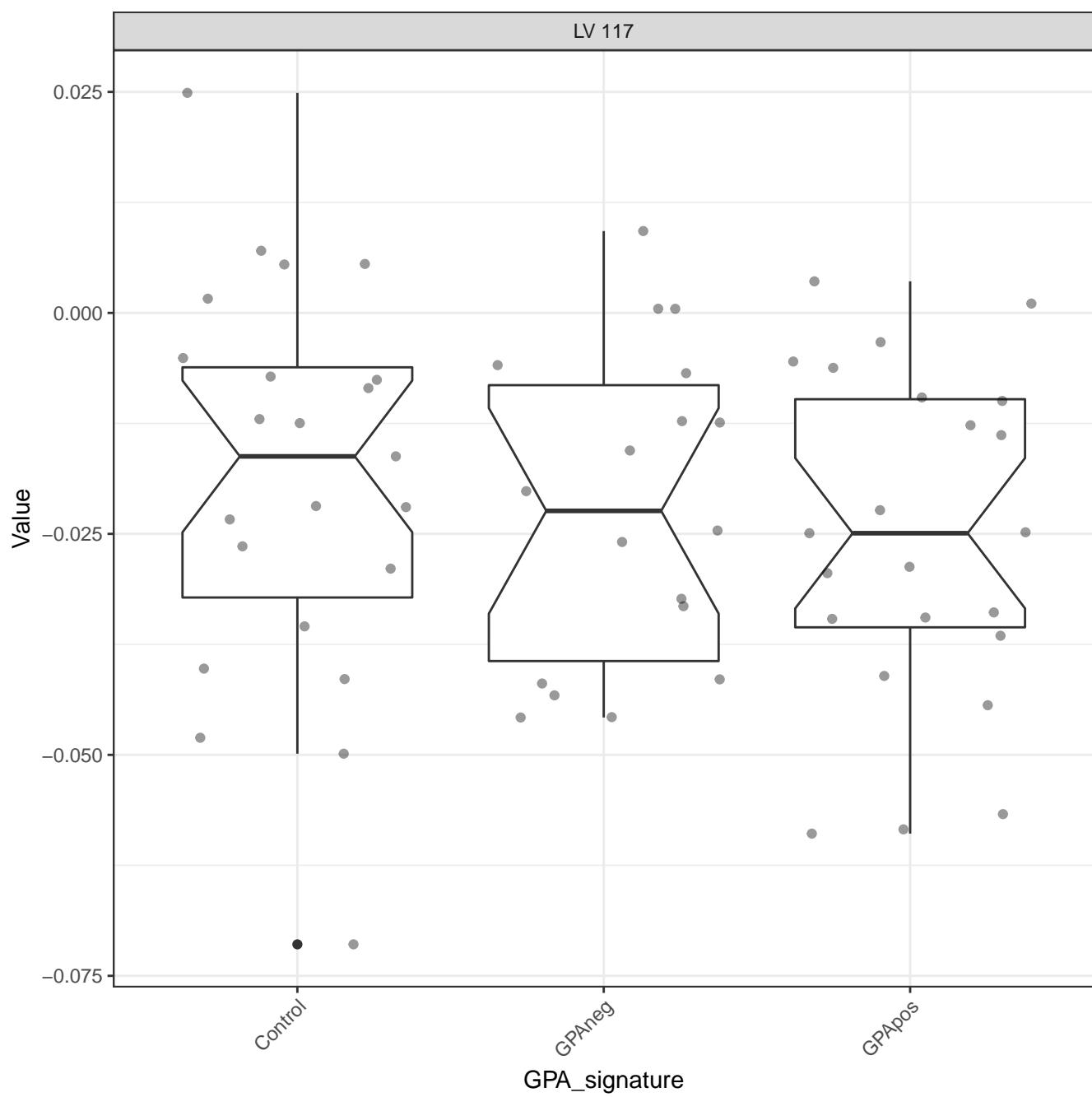
GPA_signature

GPAneg

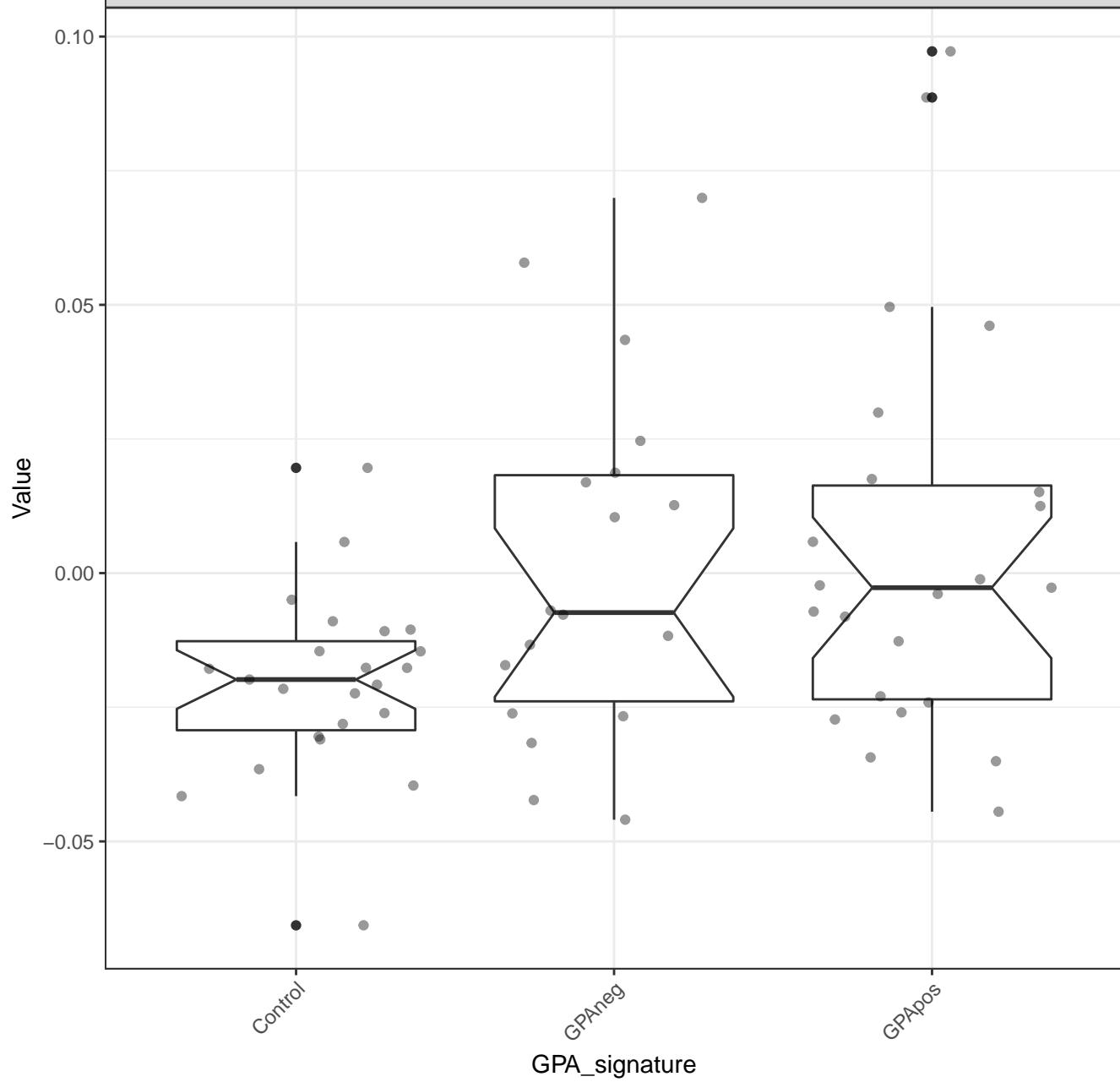
GPApos

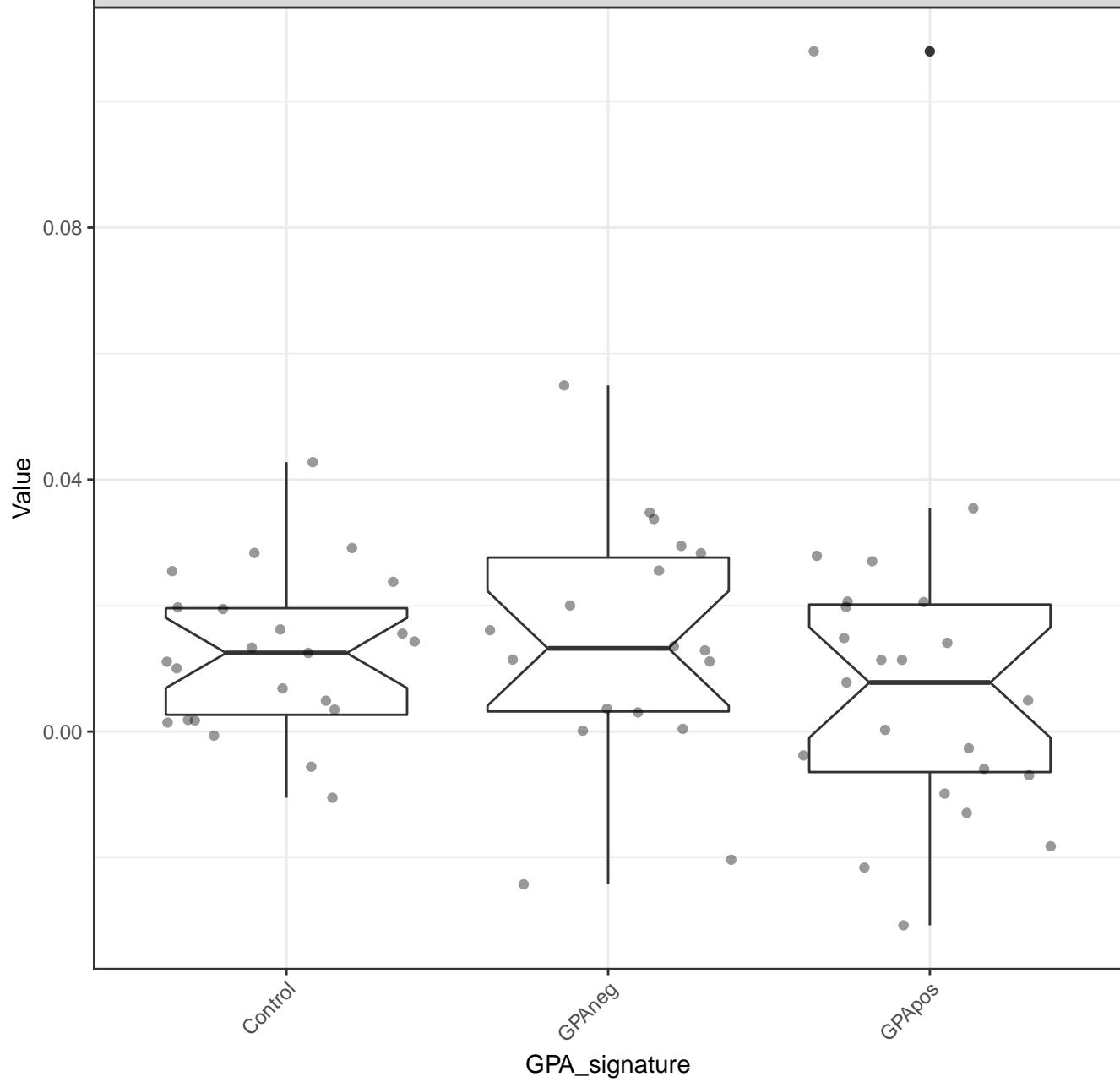


LV 117



LV 118





LV 120

Value

0.050

0.025

0.000

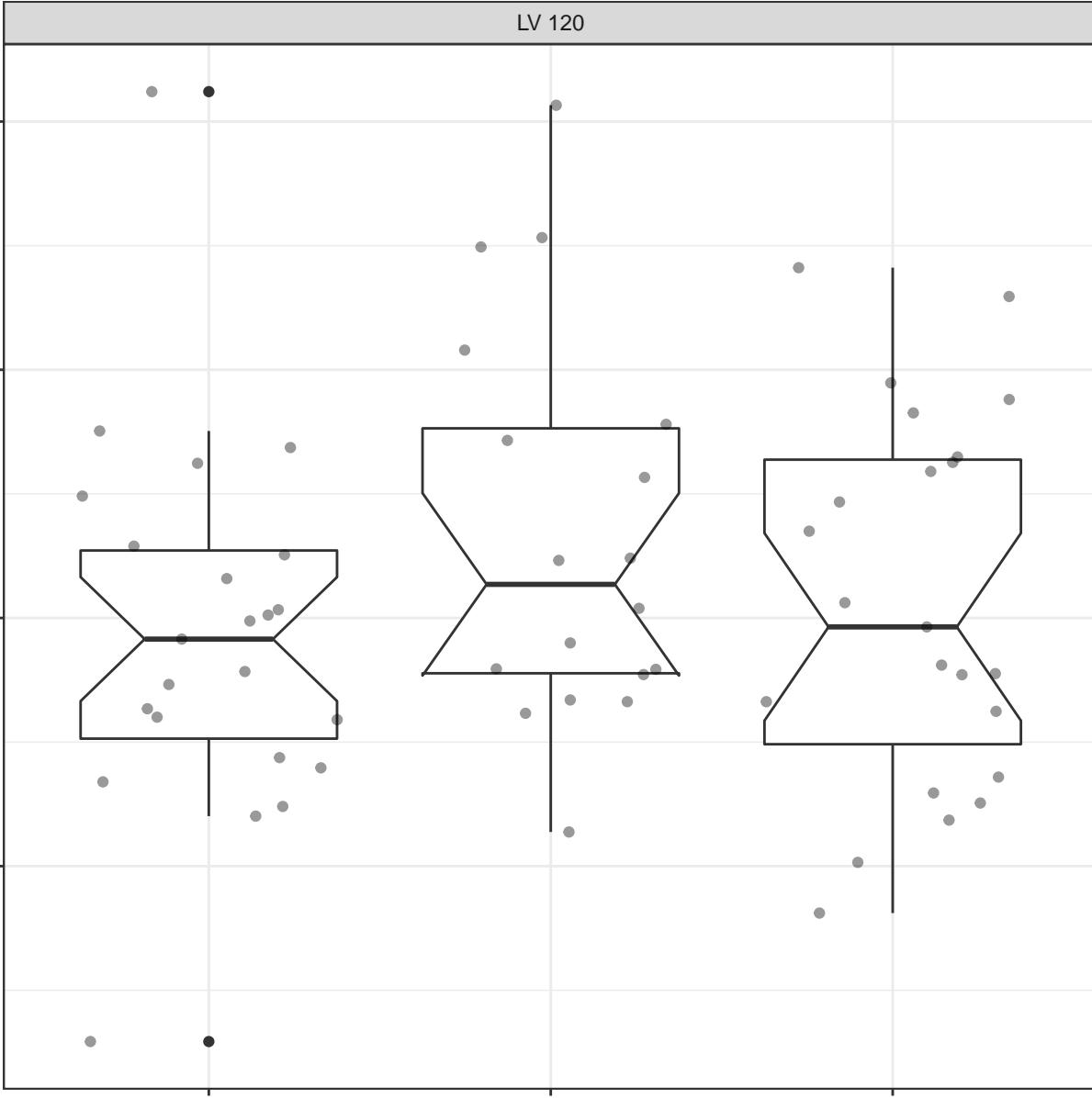
-0.025

Control

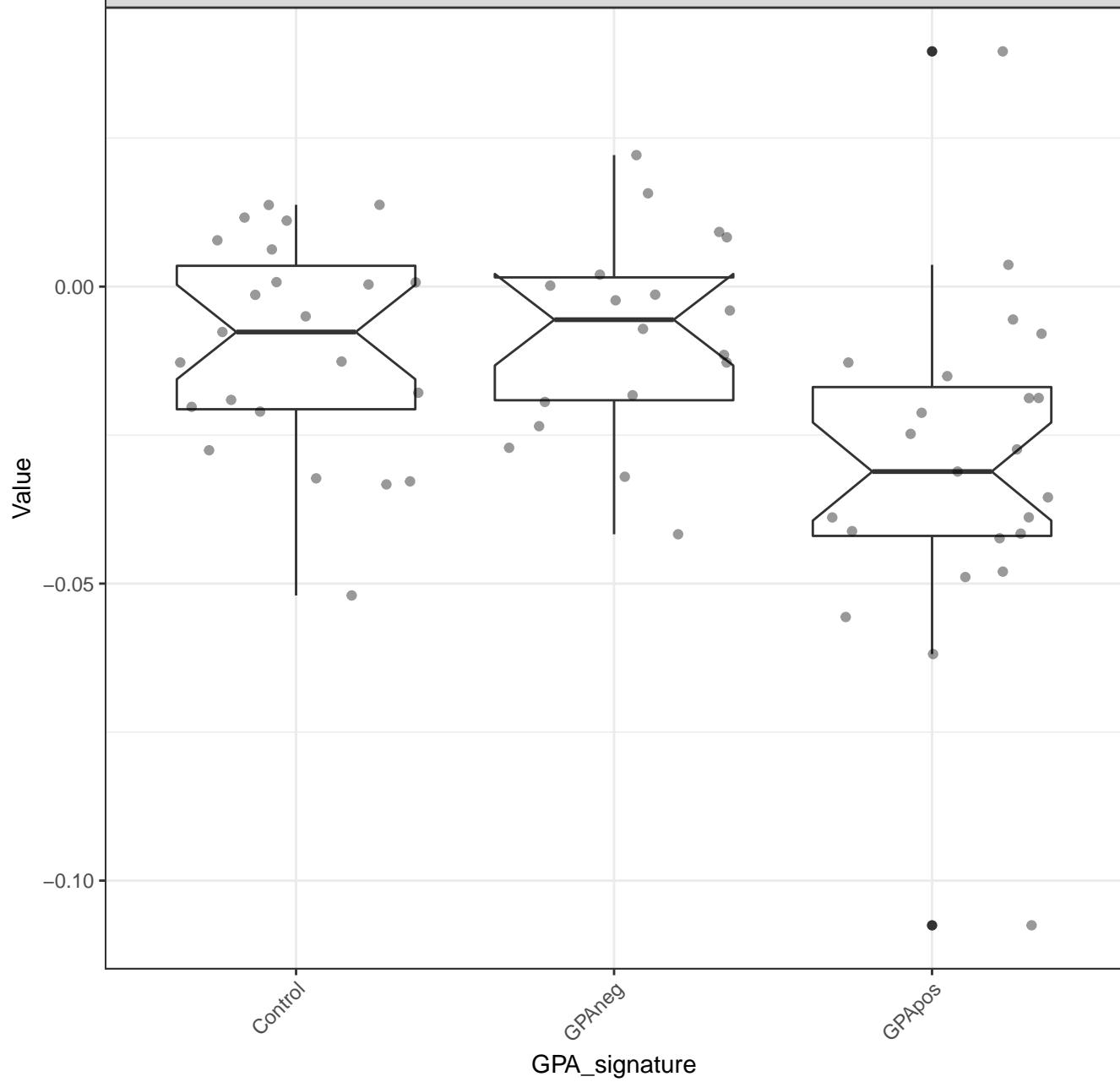
GPA_signature

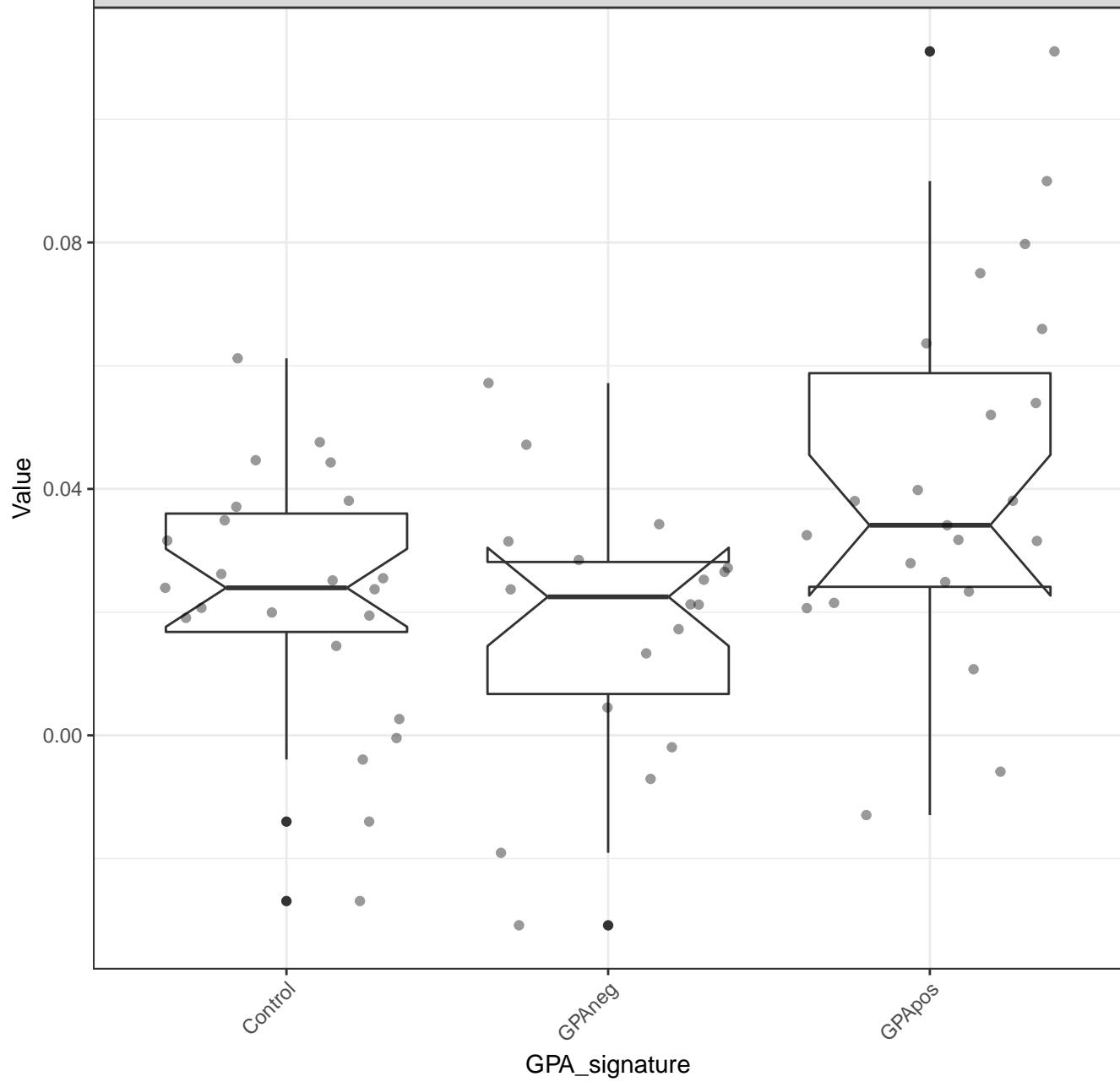
GPAneg

GPApos

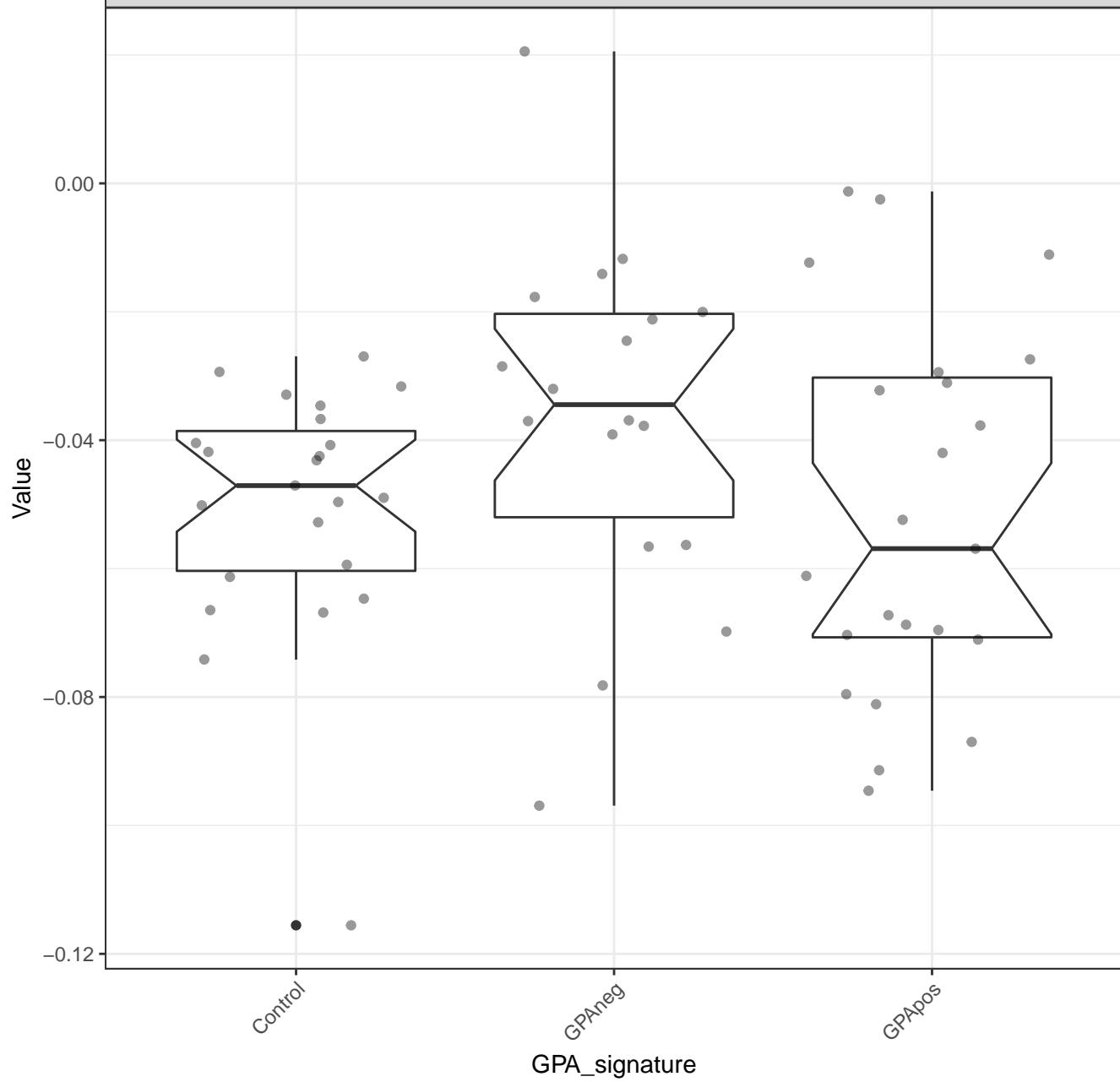


LV 121





123,SVM Dendritic cells activated



24,REACTOME_NFKB_AND_MAP_KINASES_ACTIVATION_MEDIATED_BY_TLR4_SIGNALING_REPERTOIRE

Value

0.00

-0.02

-0.04

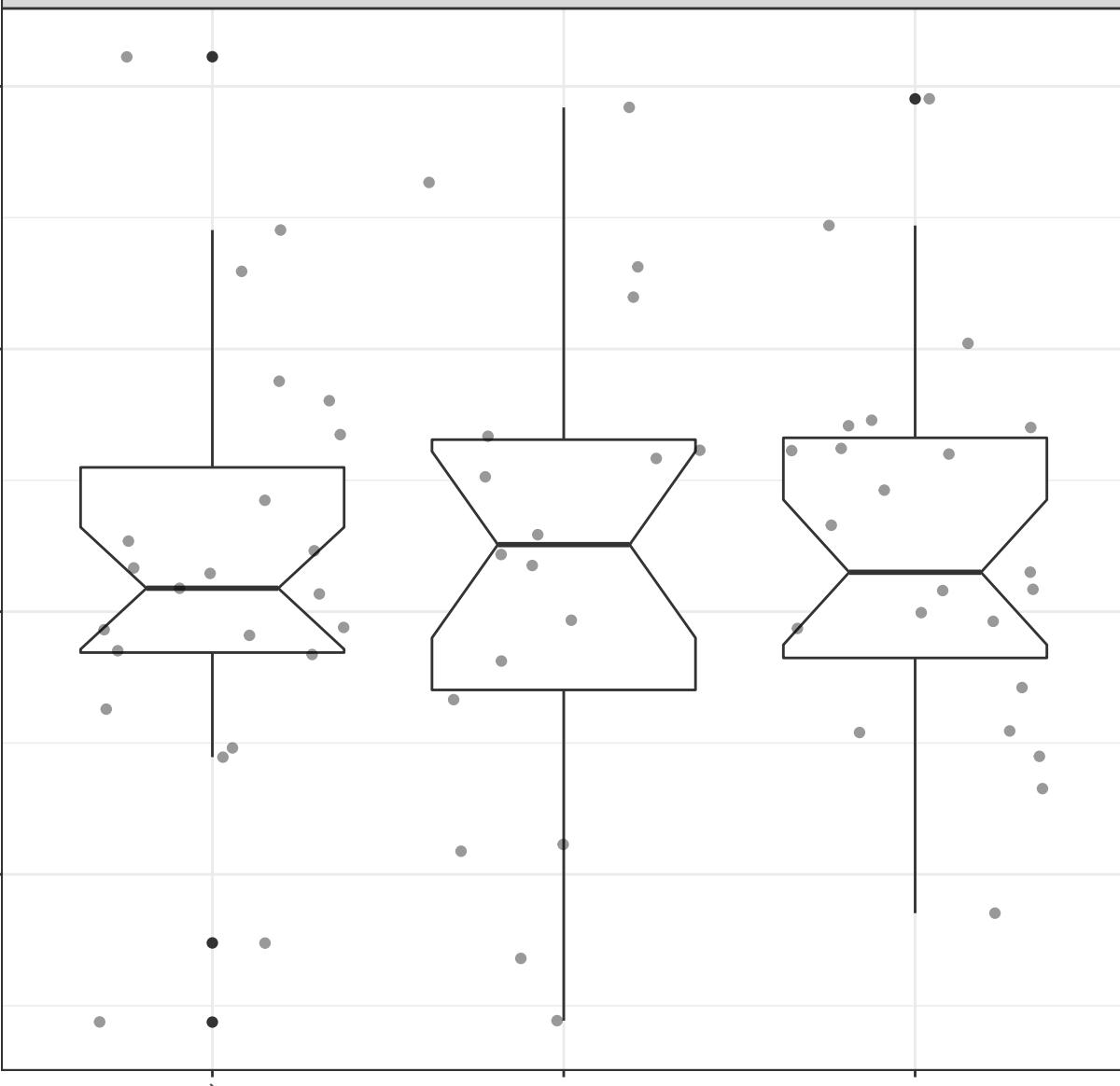
-0.06

Control

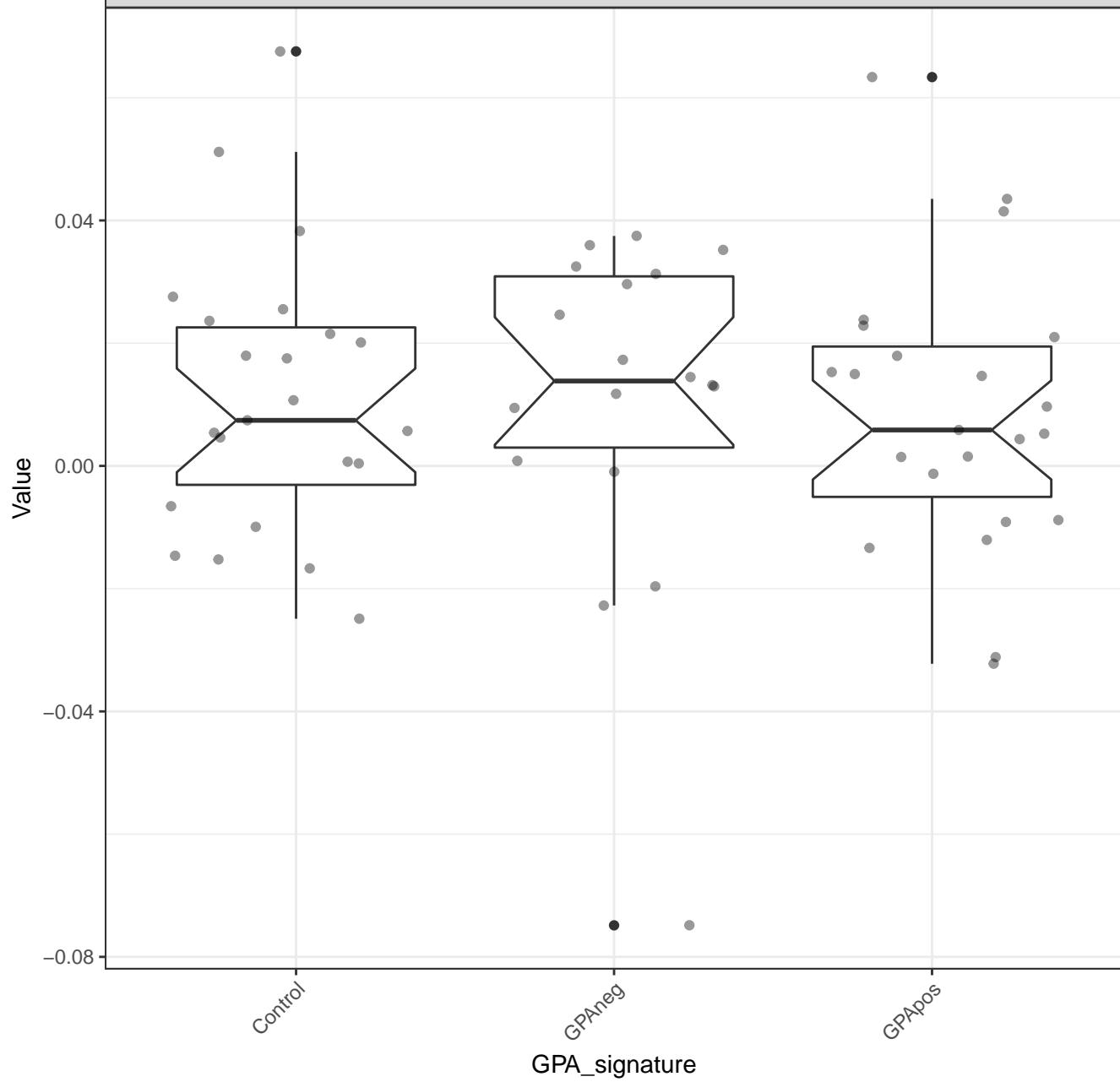
GPA_signature

GPAneg

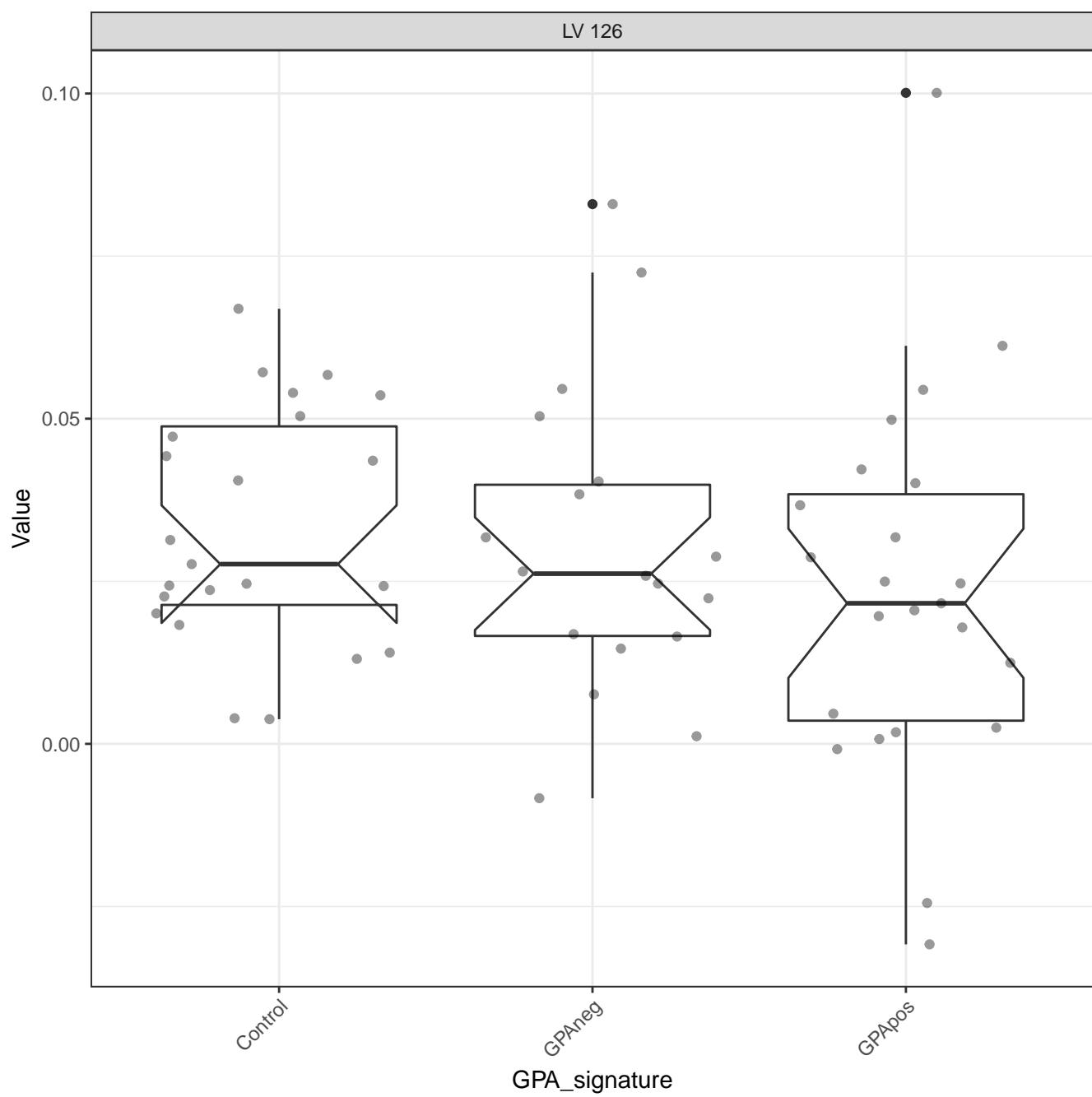
GPAPos



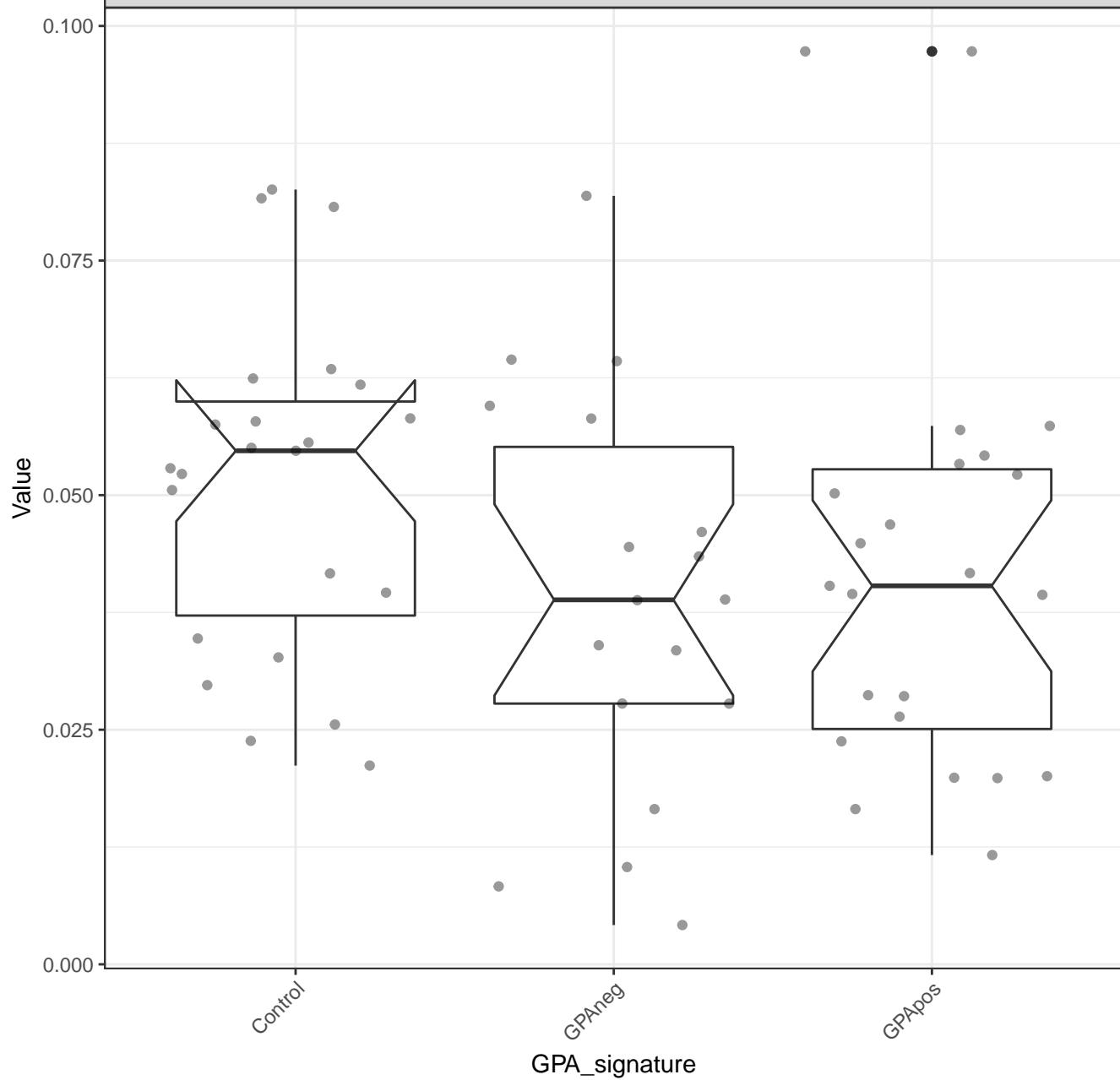
LV 125



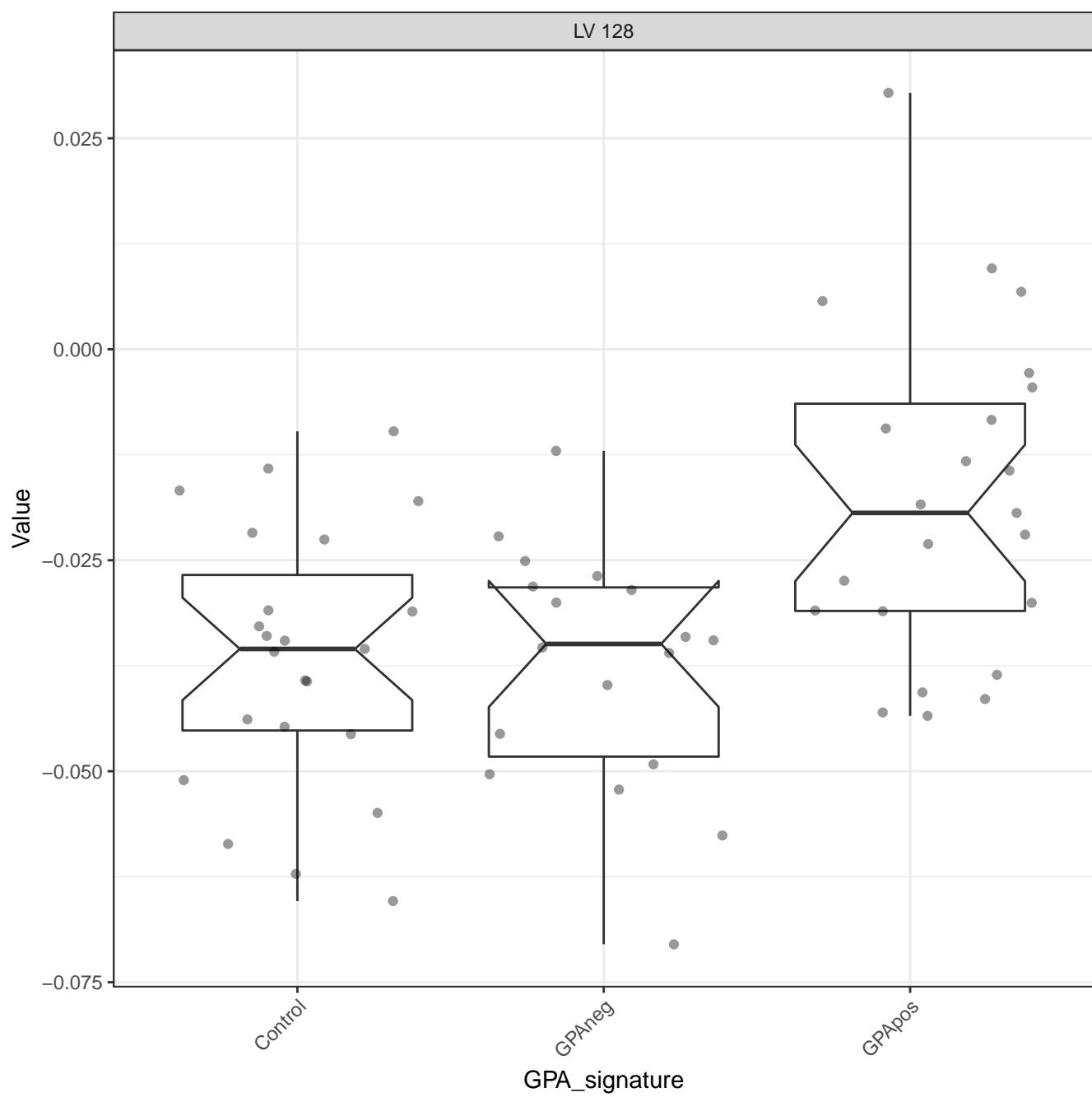
LV 126



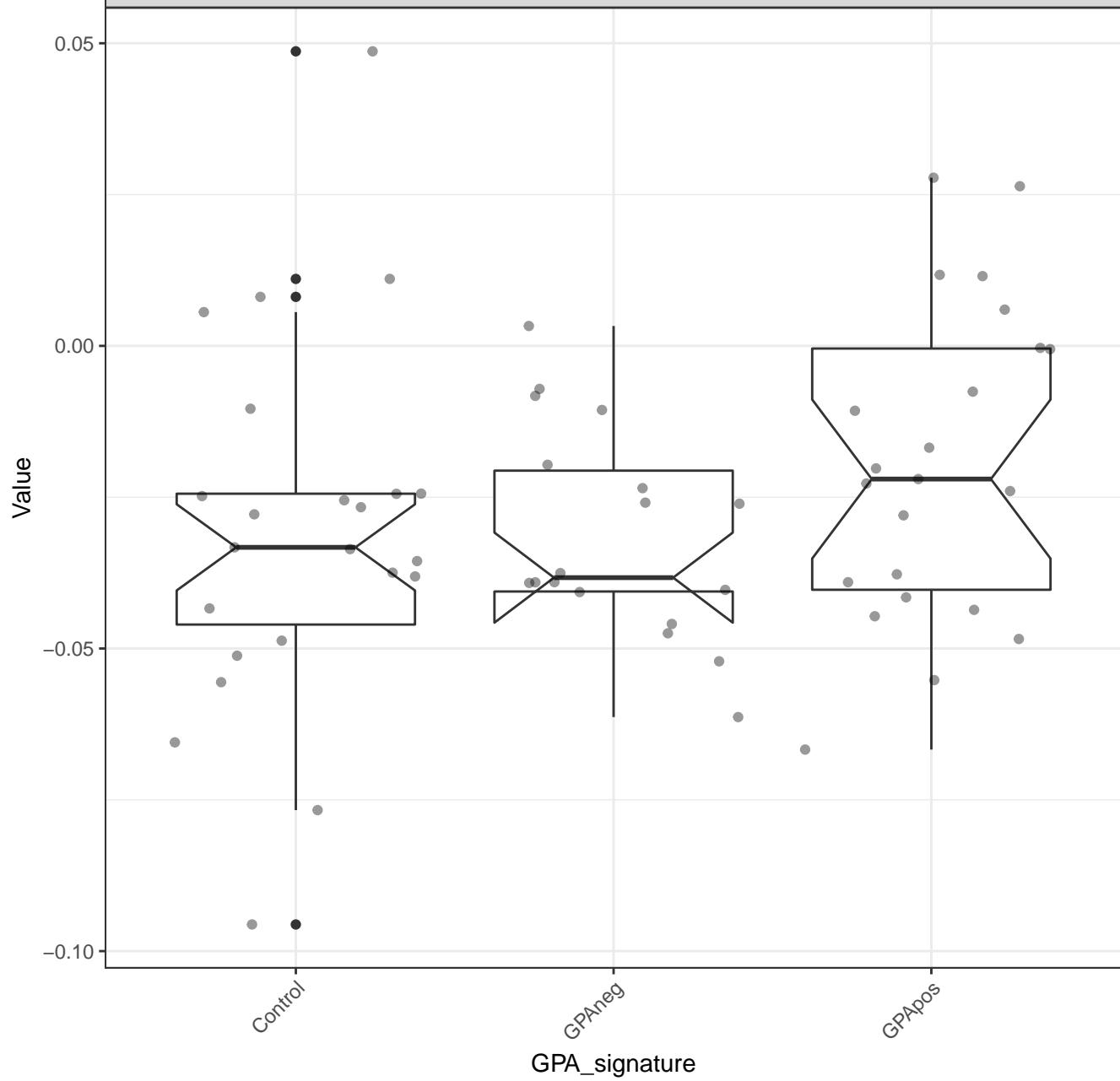
LV 127



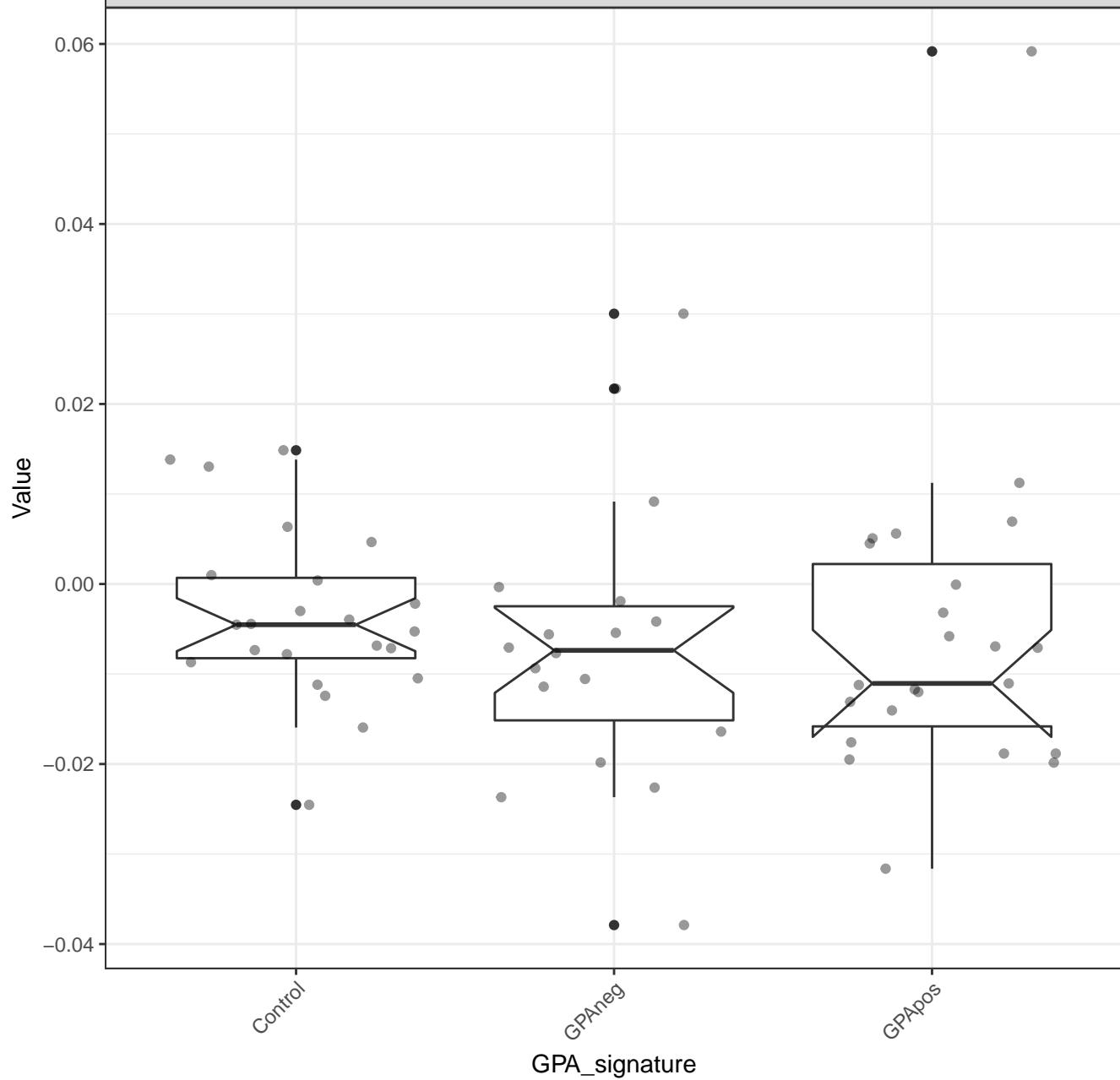
LV 128



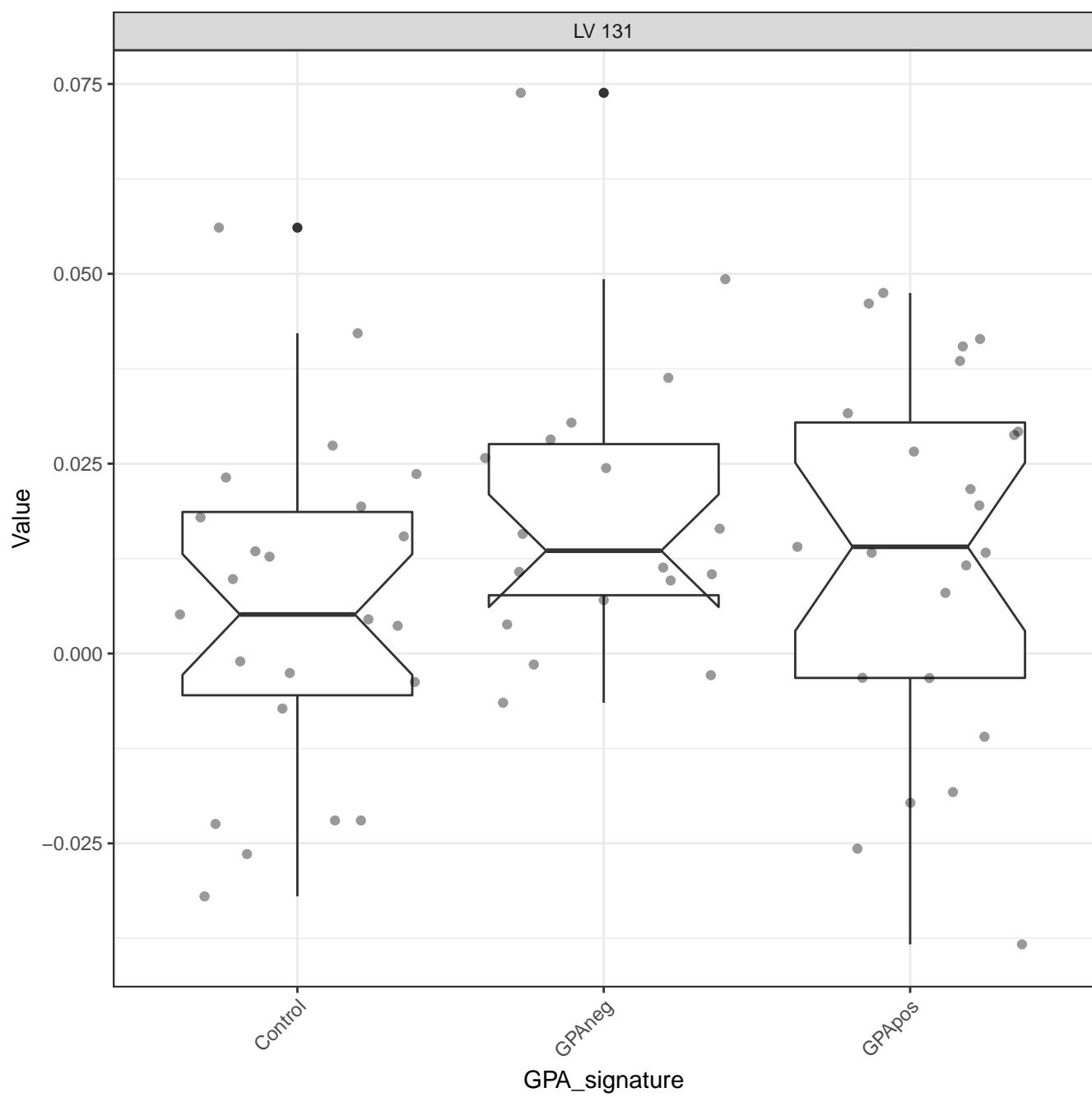
LV 129



LV 130



LV 131



LV 132

Value

0.05

0.00

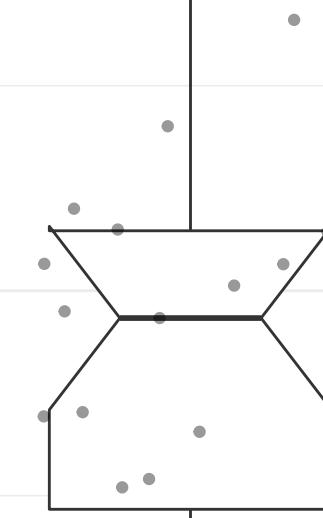
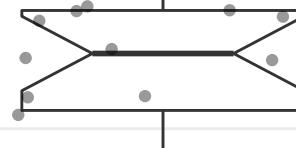
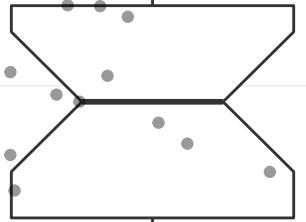
-0.05

Control

GPAneg

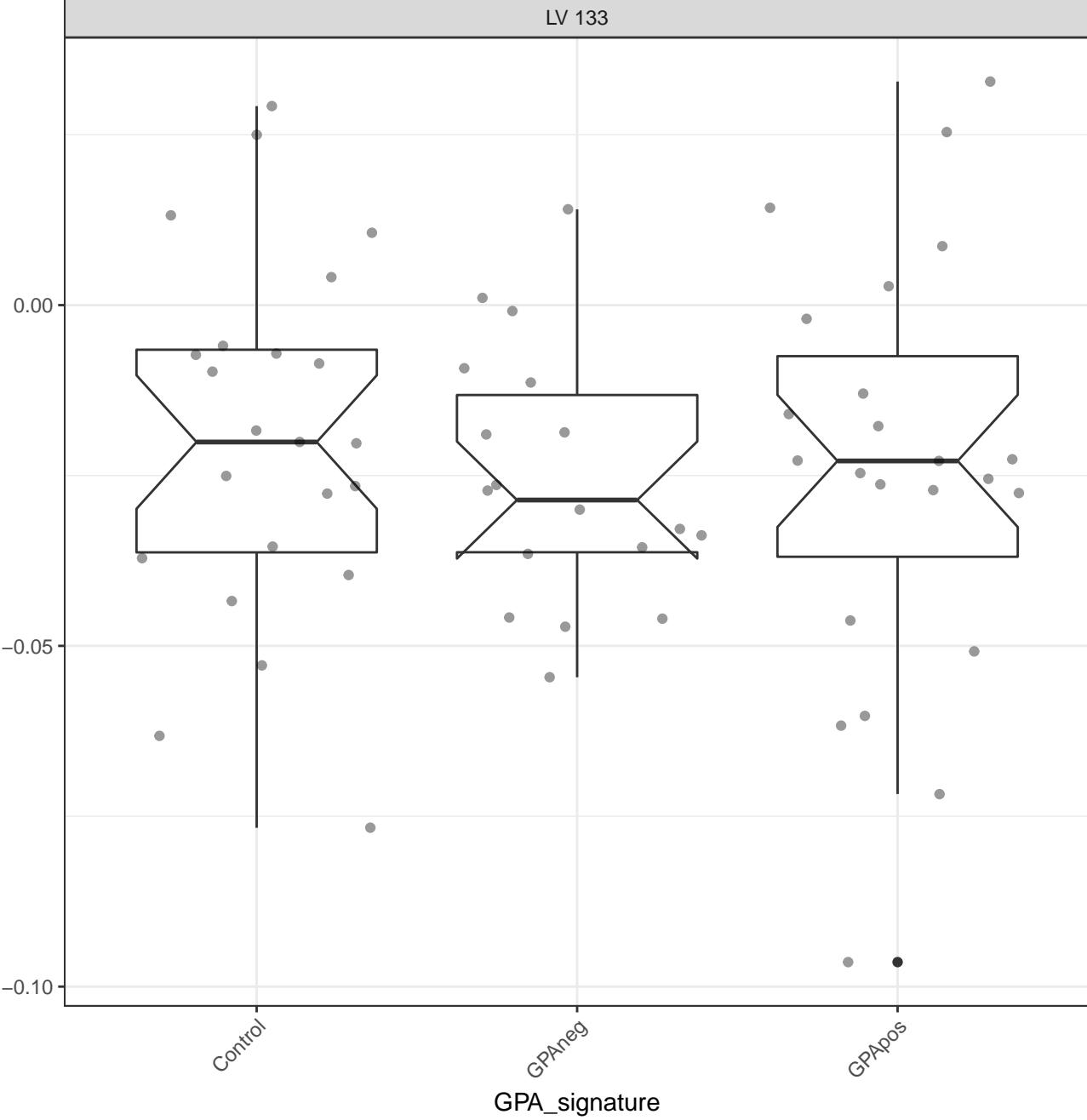
GPAPos

GPA_signature



LV 133

Value



Value

0.06

0.03

0.00

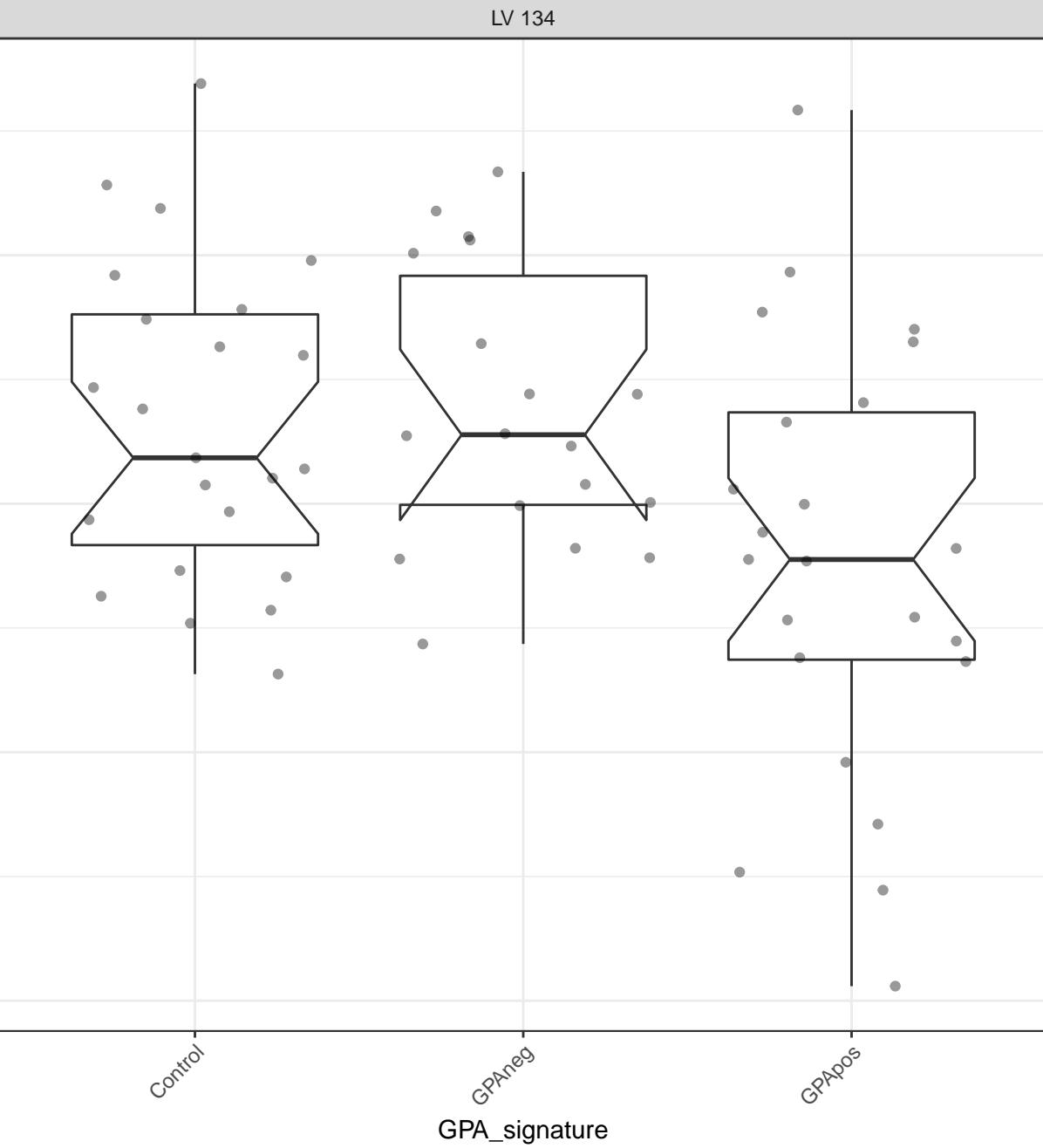
-0.03

Control

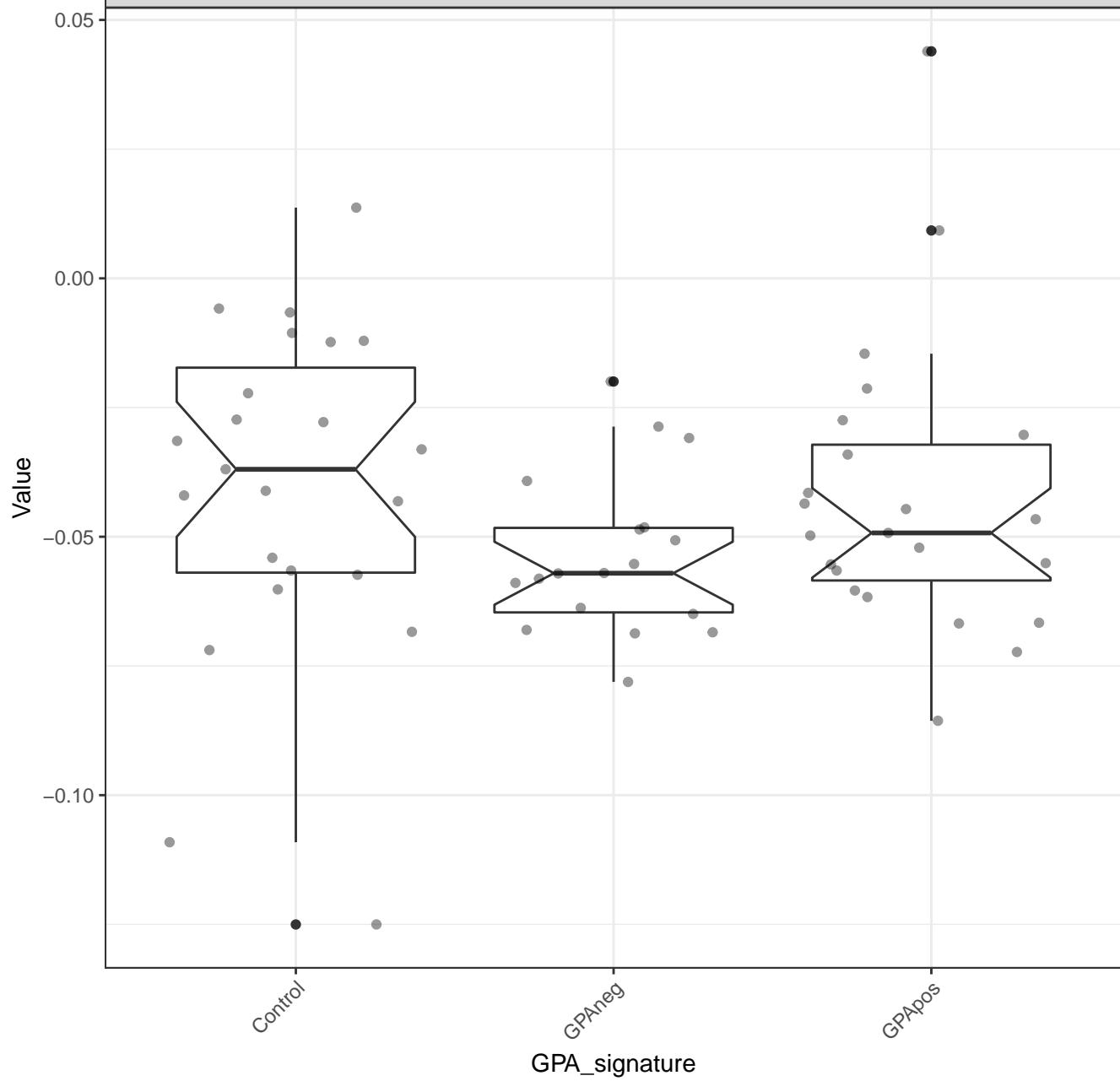
GPA_signature

GPAneg

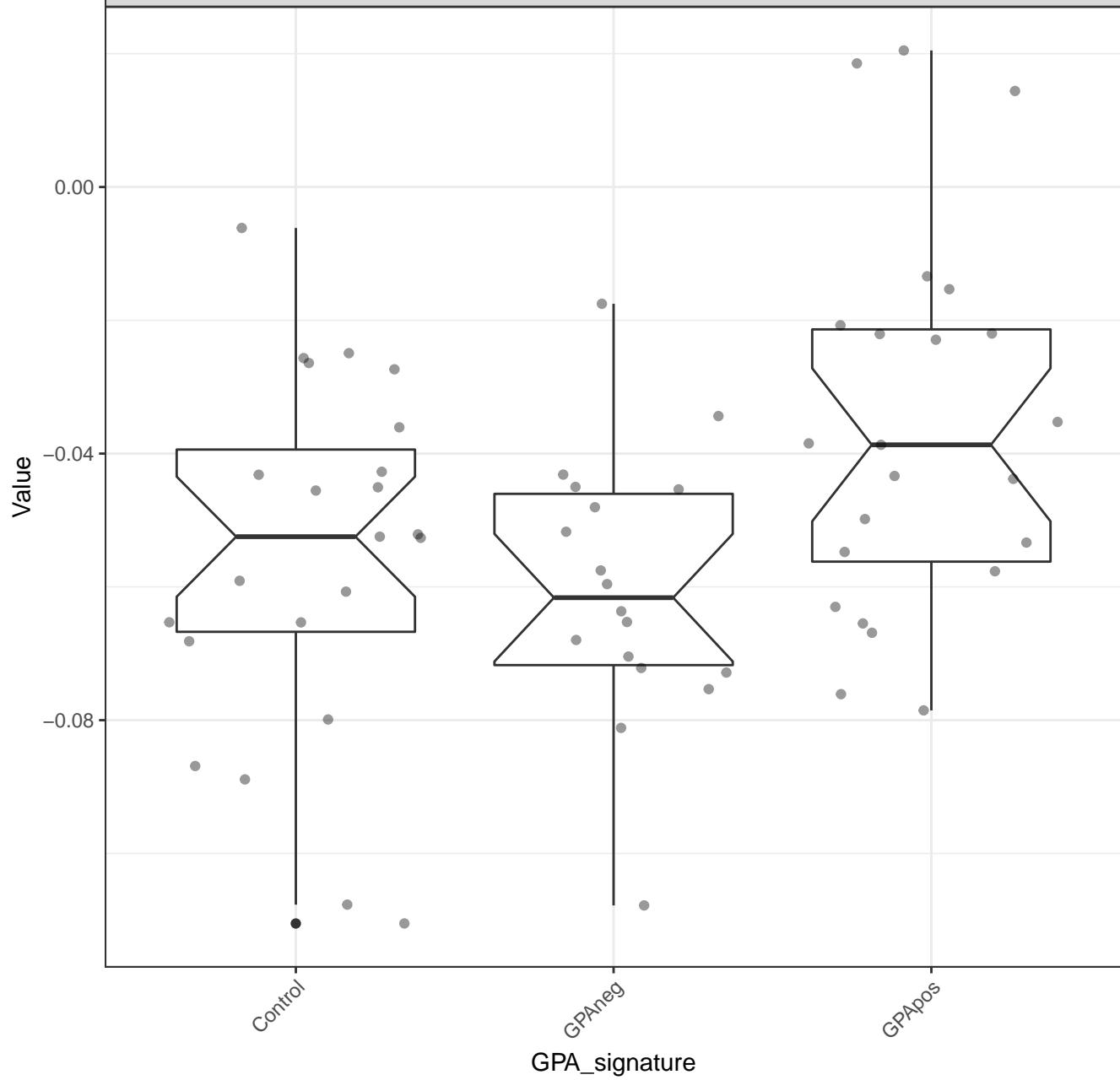
GPAPos



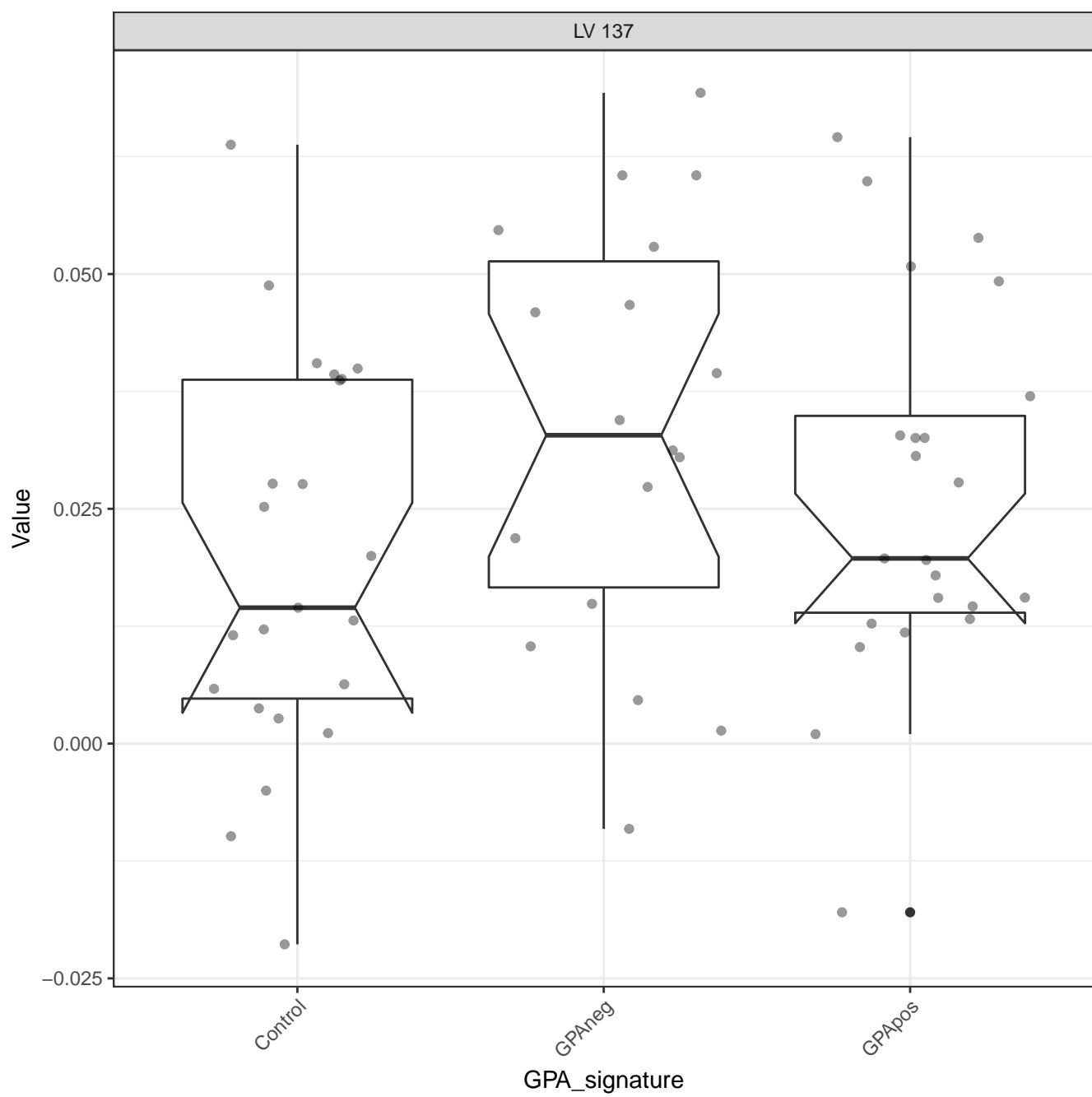
LV 135



136,PID_INTEGRIN1_PATHWAY



LV 137



LV 138

Value

0.04

0.02

0.00

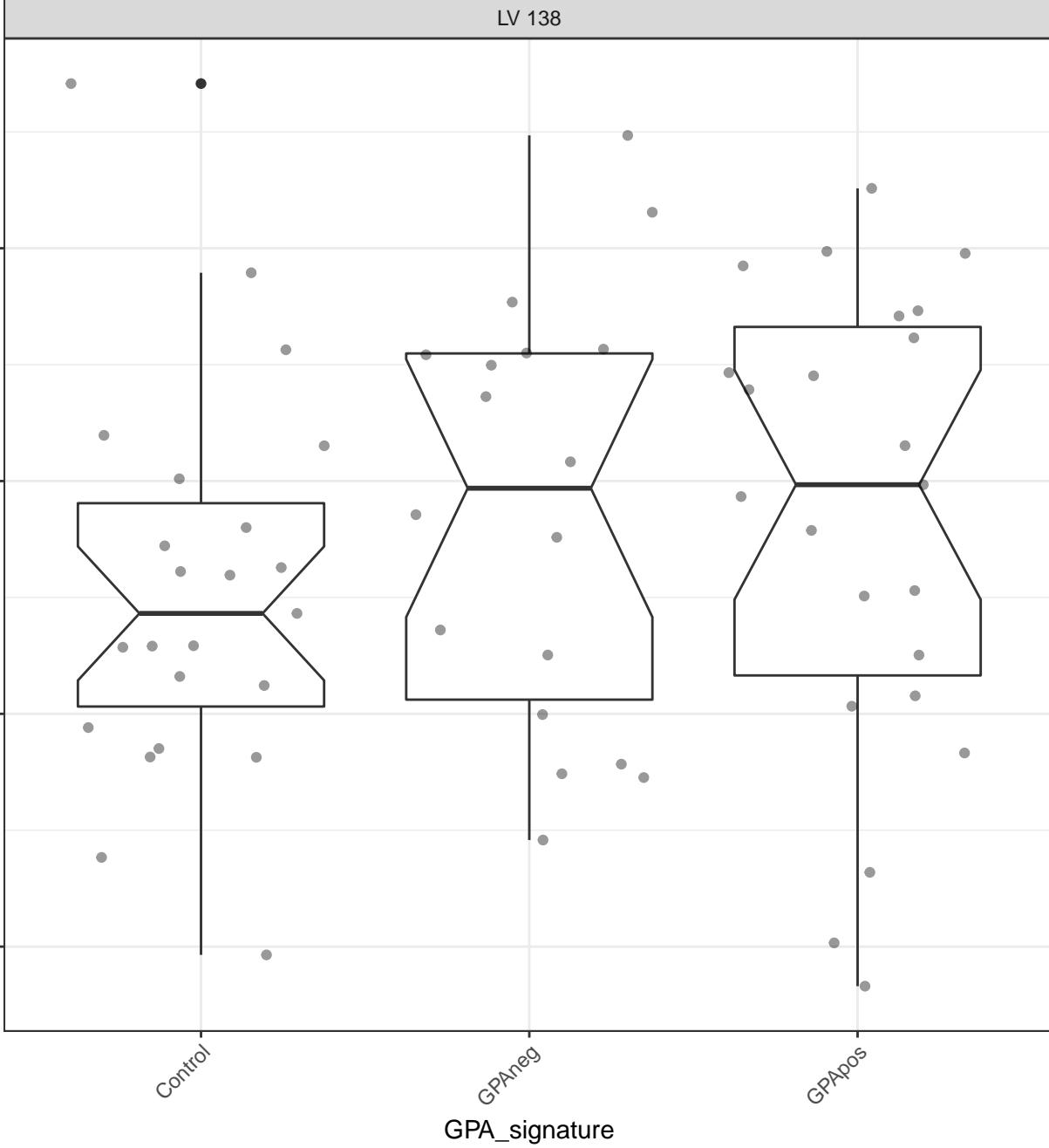
-0.02

Control

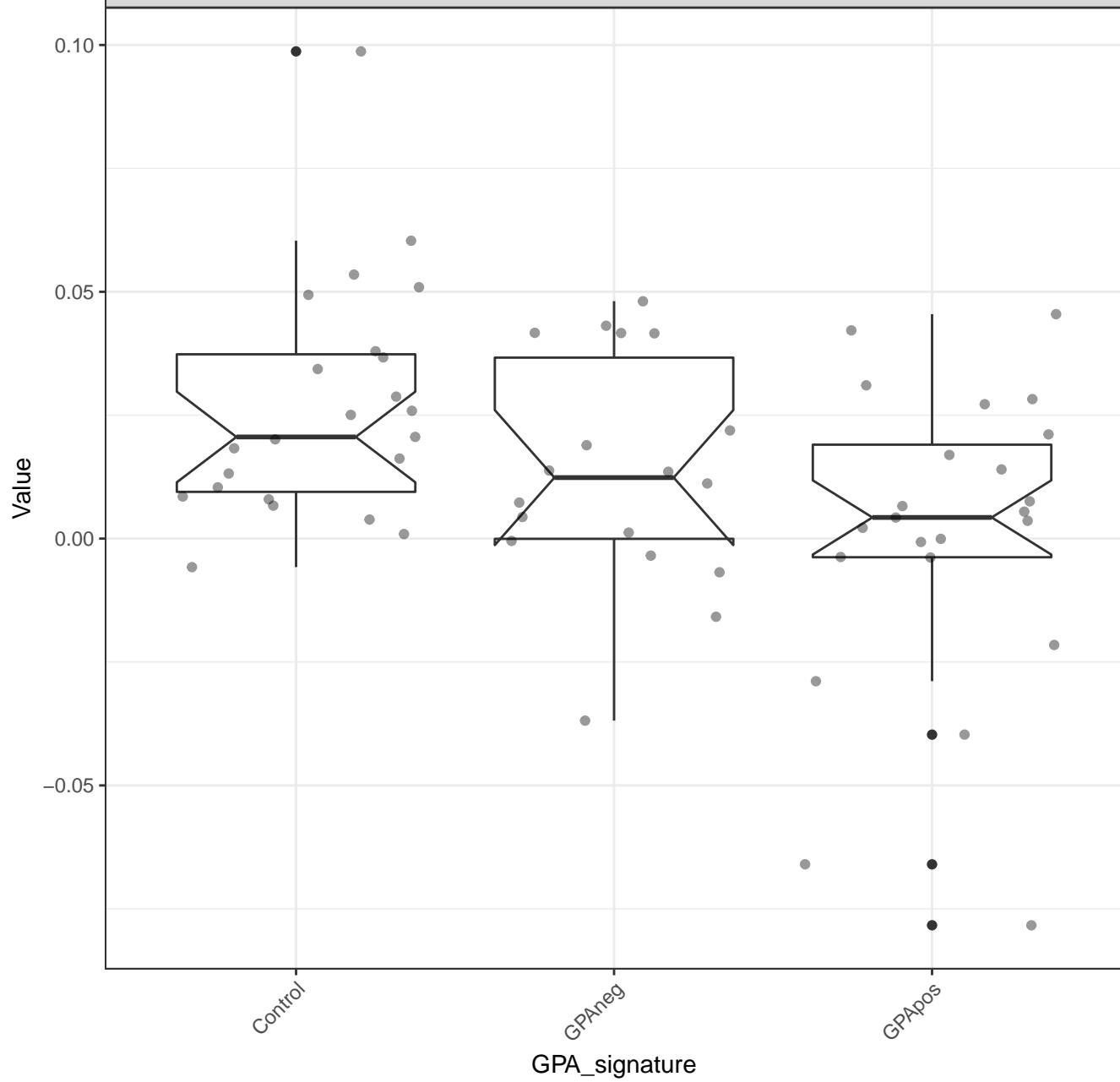
GPAneg

GPAPos

GPA_signature



LV 139



140,REACTOME_INTERFERON_GAMMA_SIGNALING

Value

0.10

0.05

0.00

-0.05

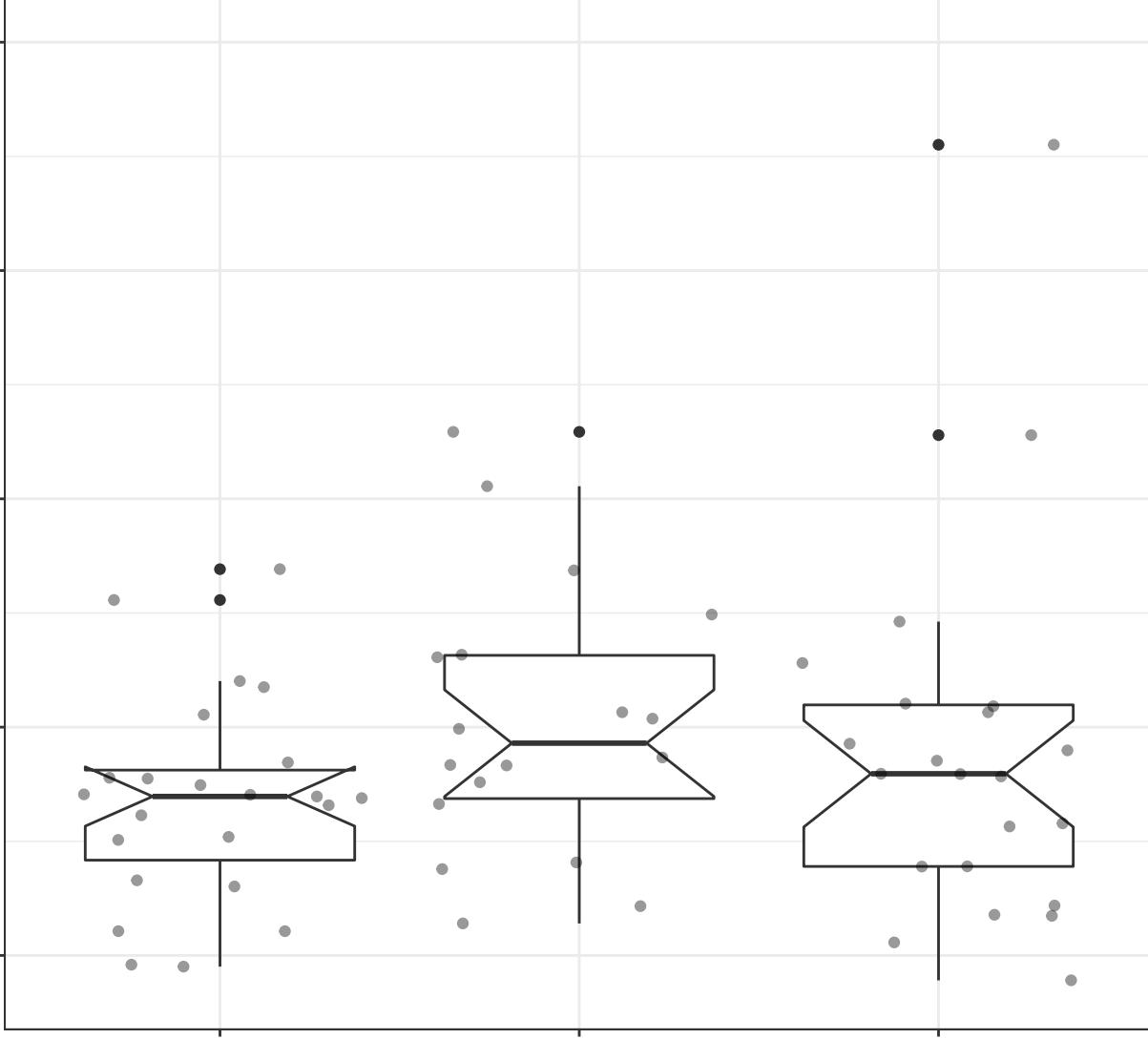
-0.10

Control

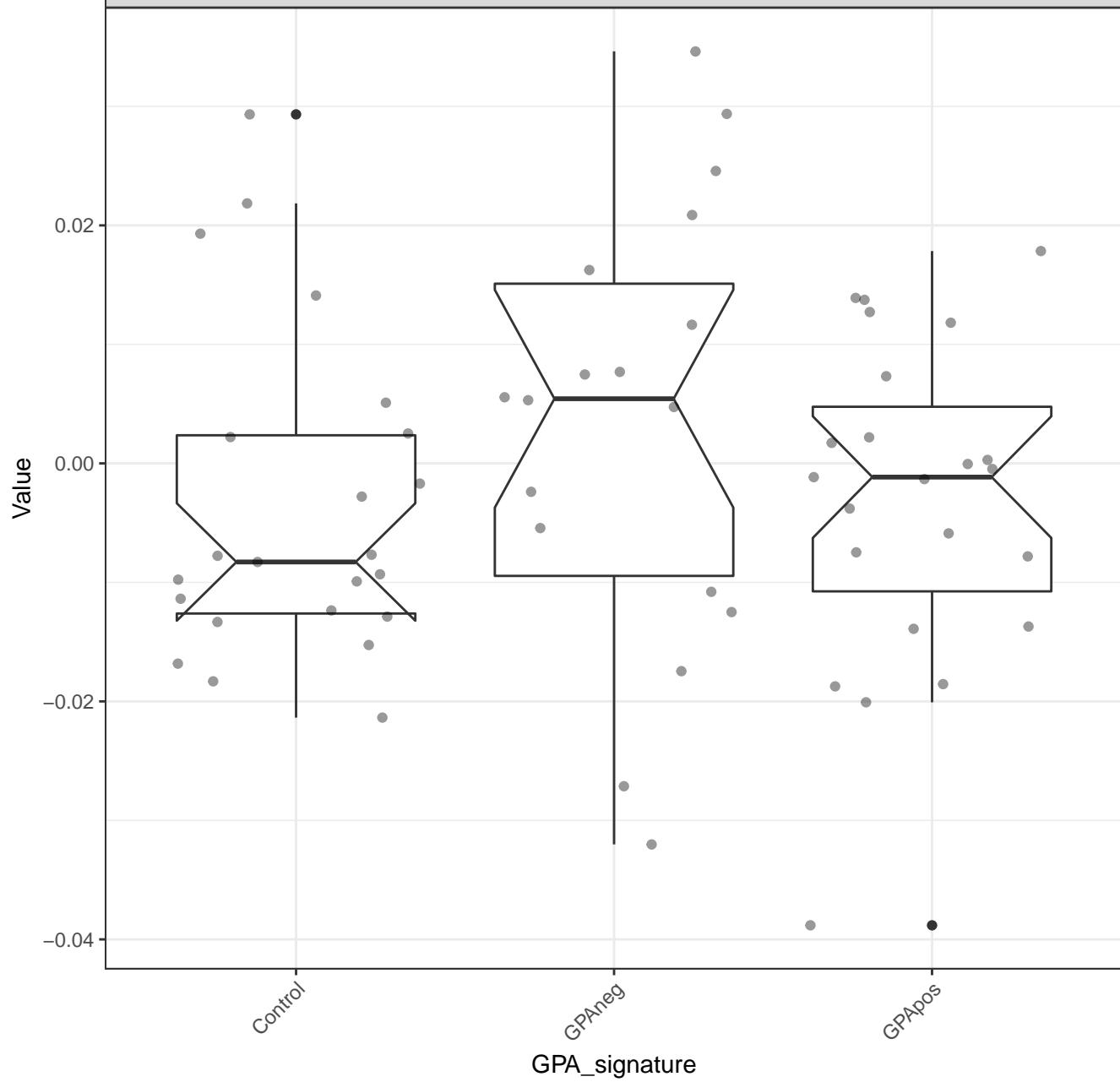
GPAneg

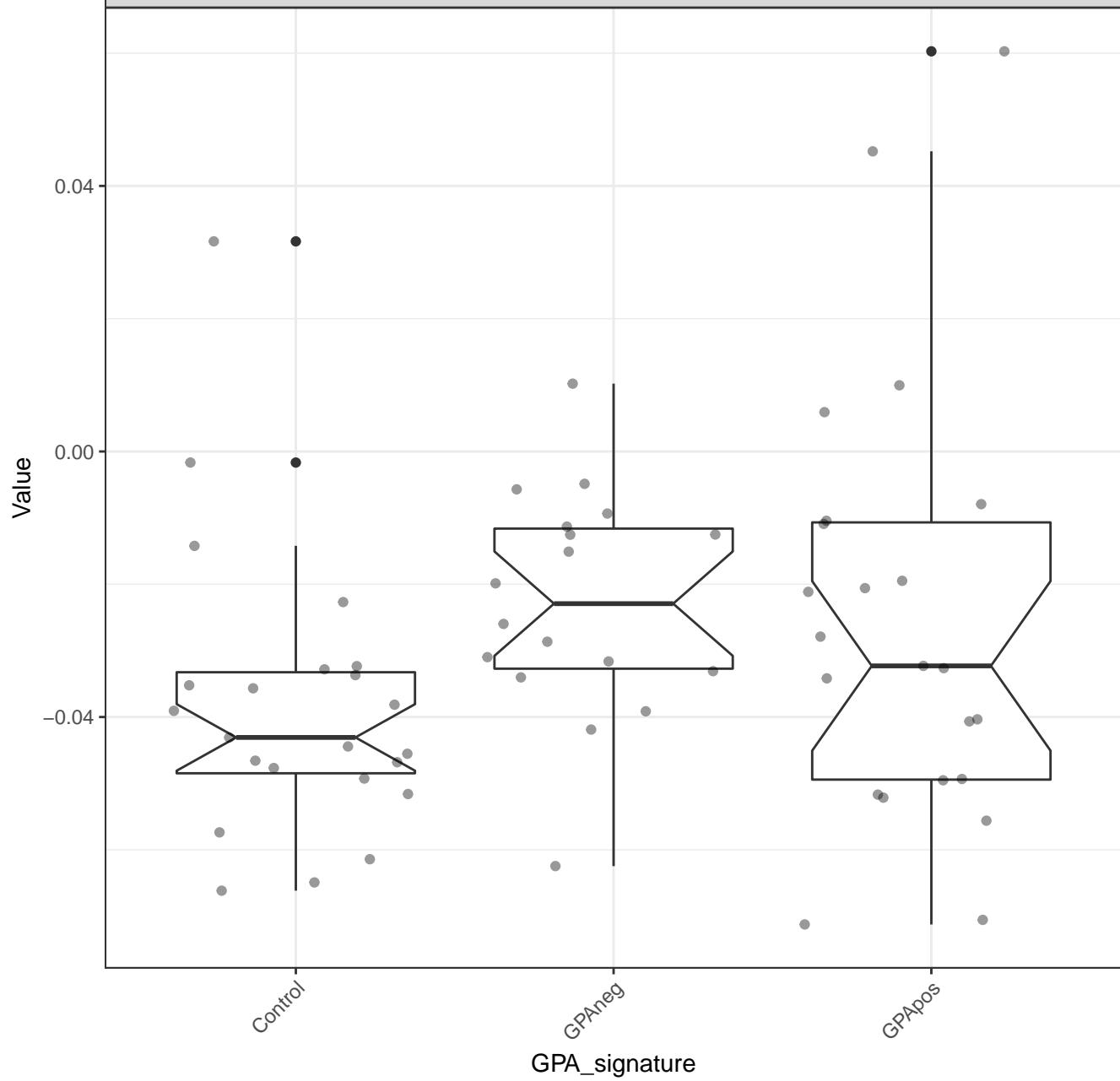
GPAPos

GPA_signature

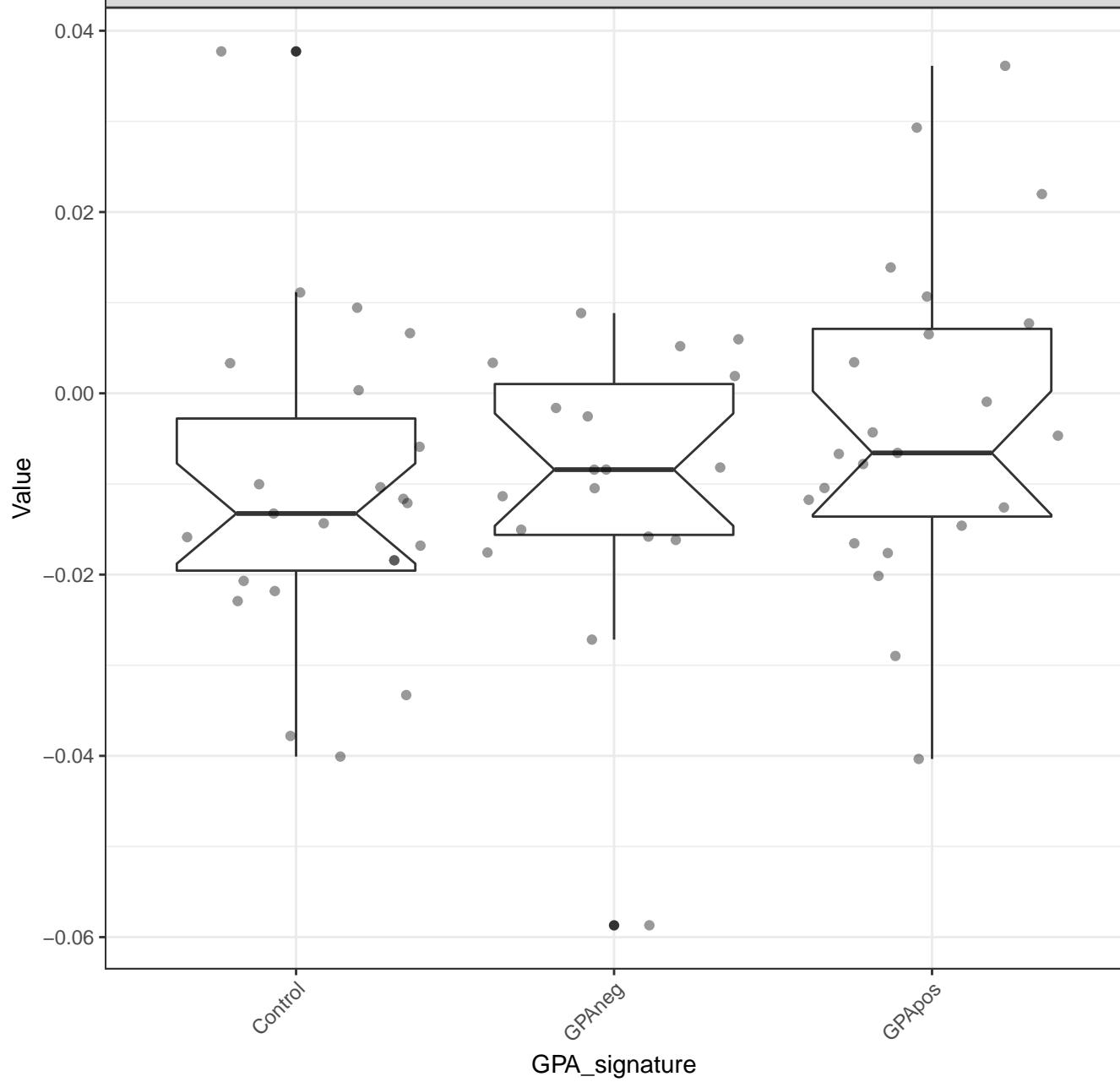


LV 141

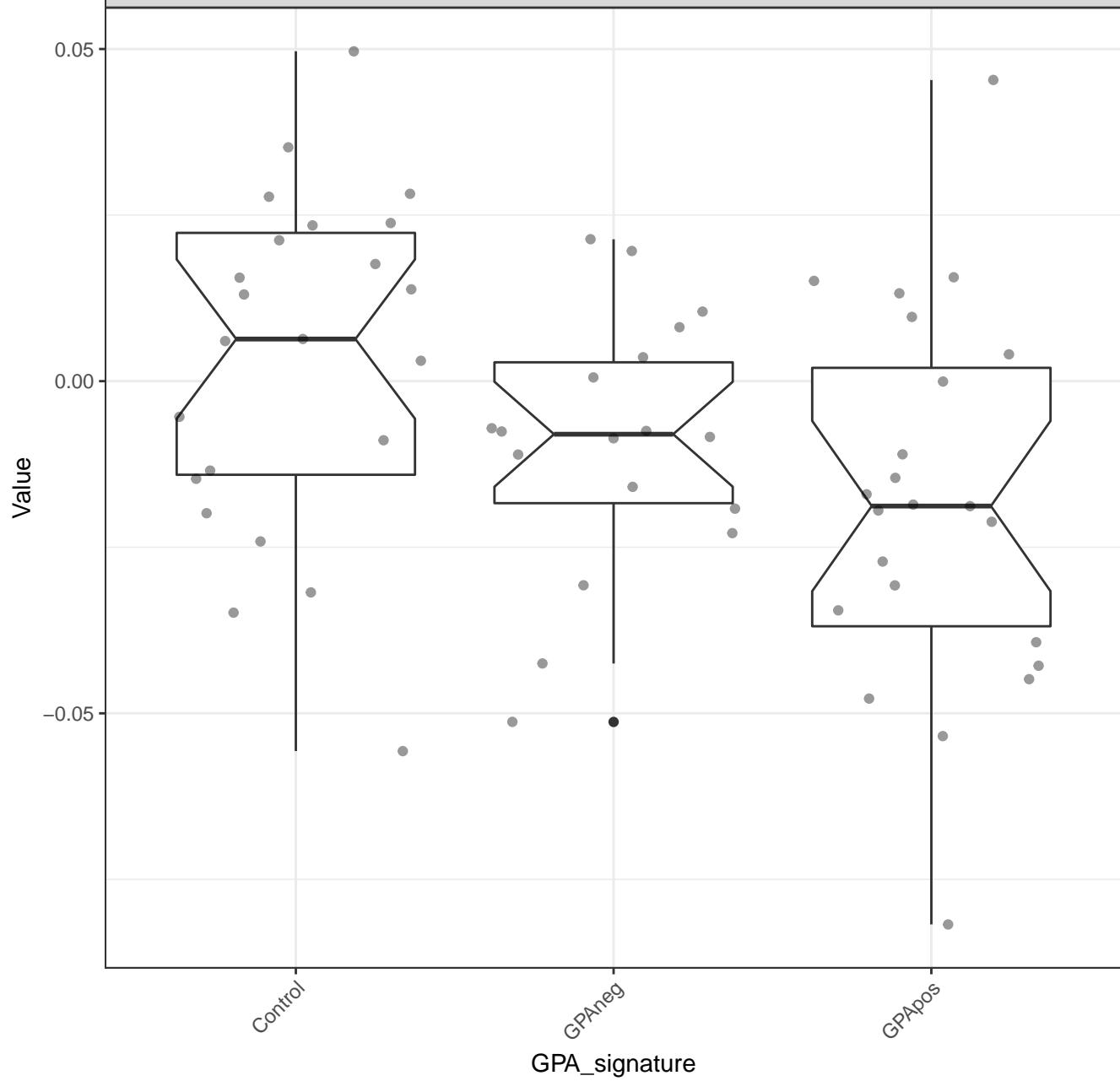




LV 143



LV 144



LV 145

Value

0.10

0.05

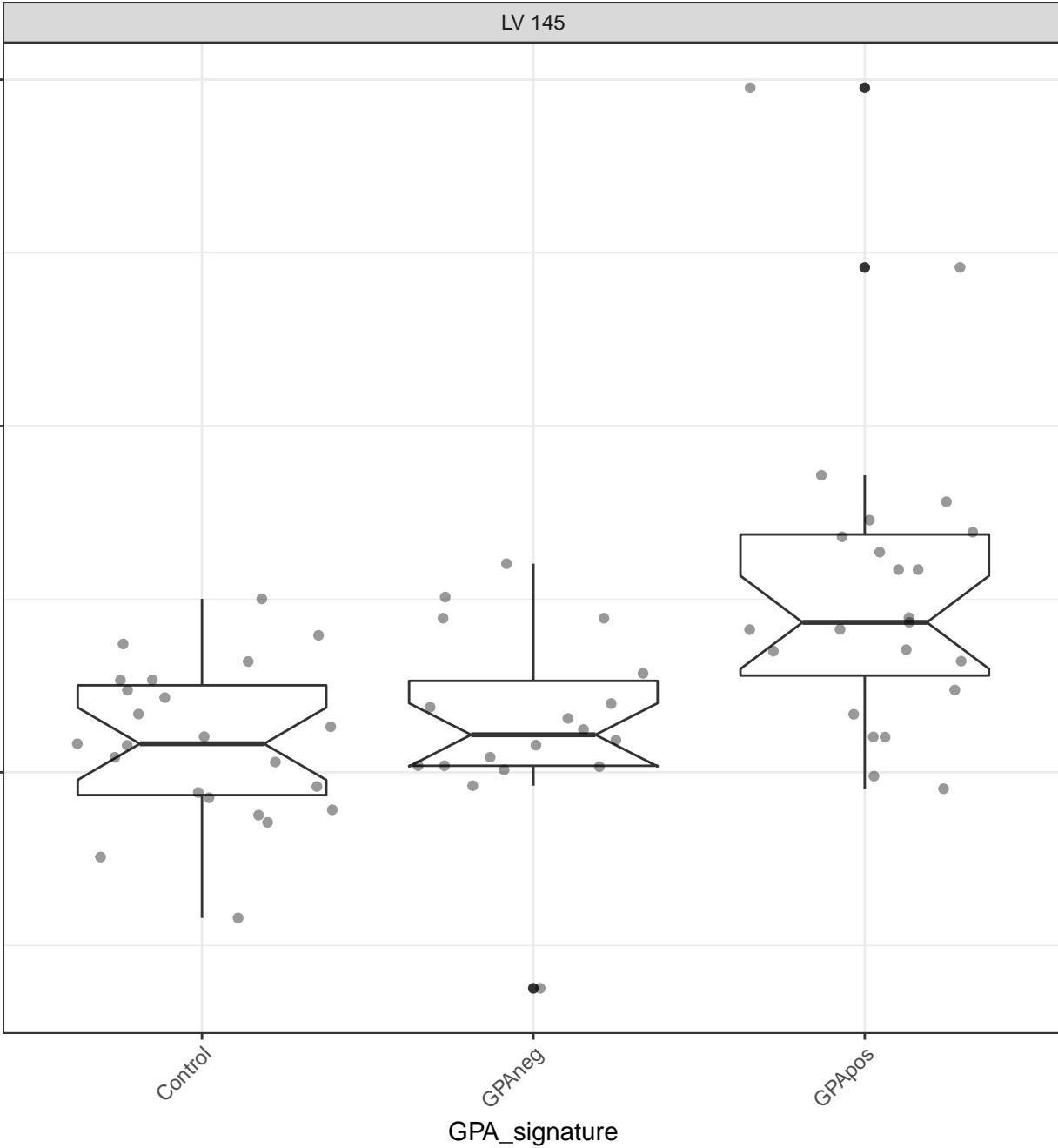
0.00

Control

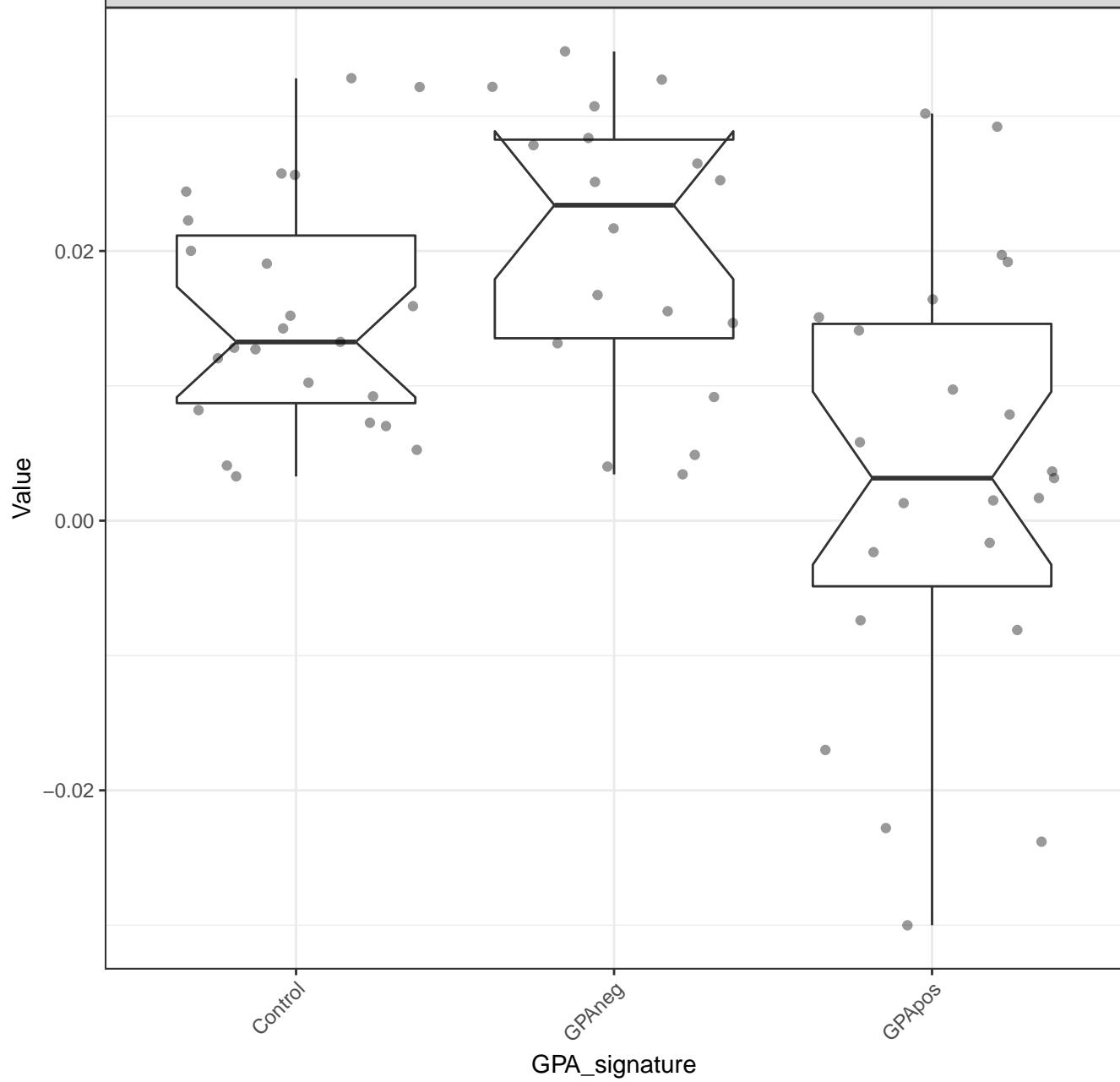
GPA_signature

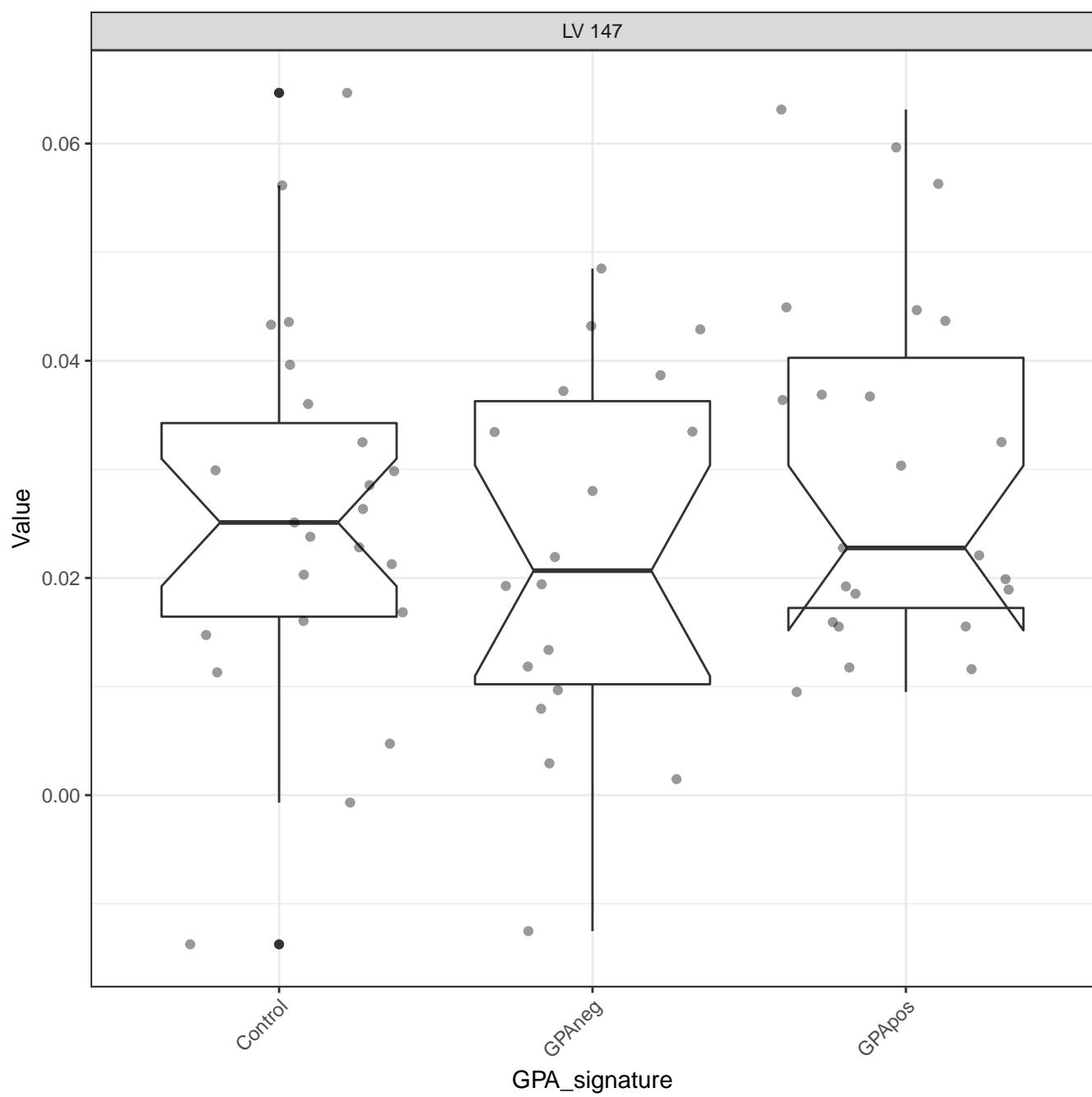
GPAneg

GPApos



LV 146





LV 148

Value

0.025

0.000

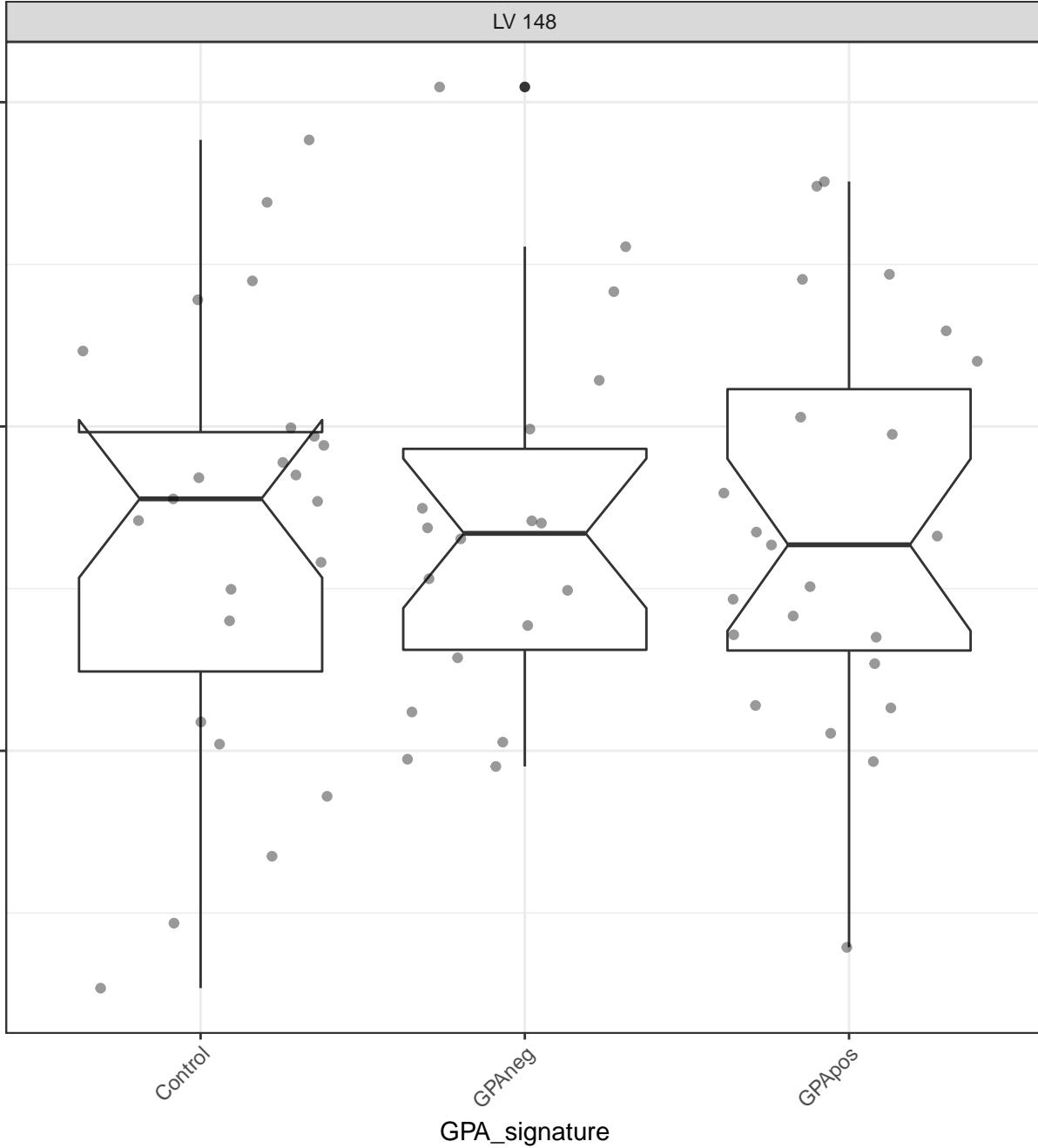
-0.025

Control

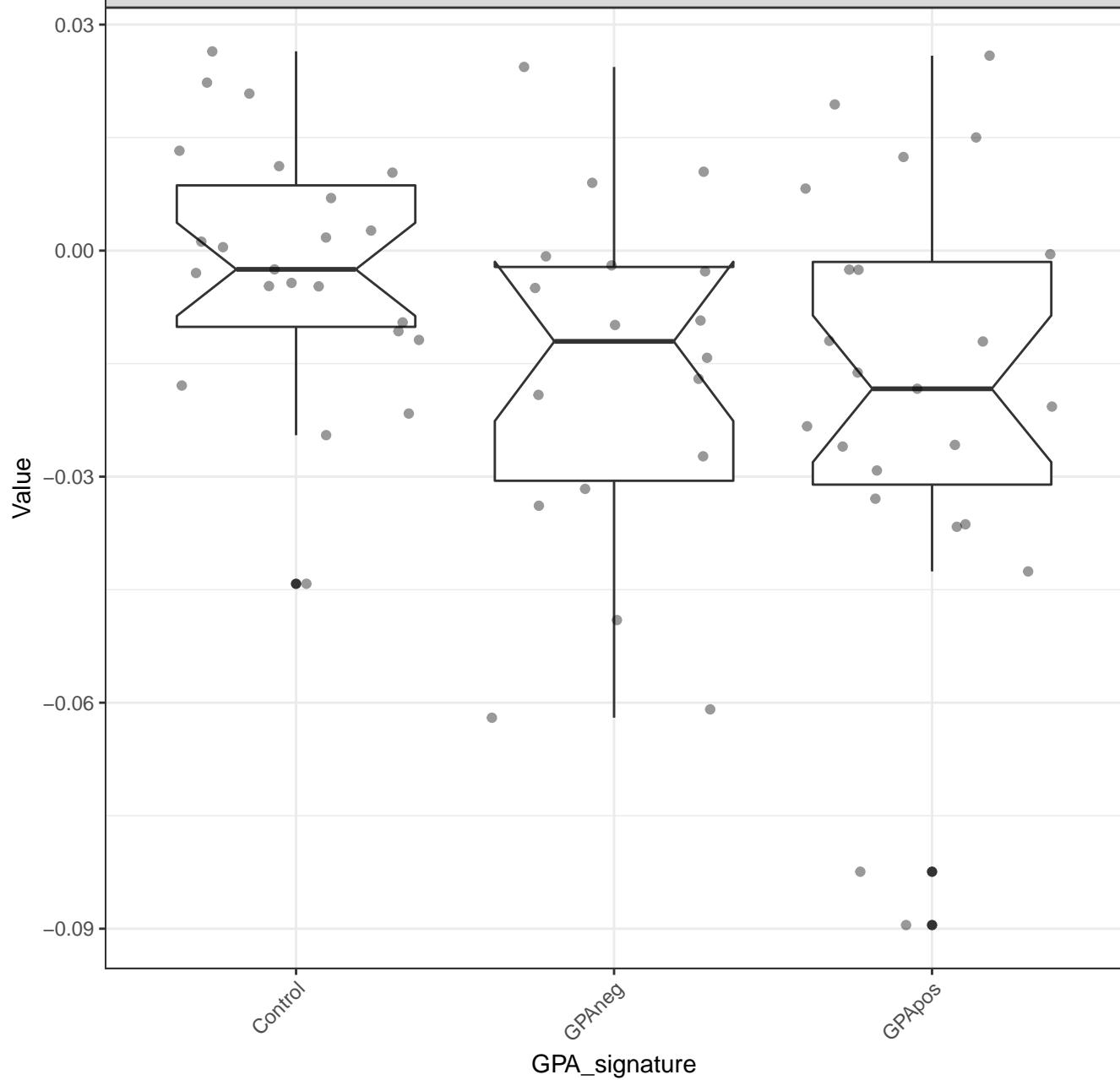
GPAneg

GPAPos

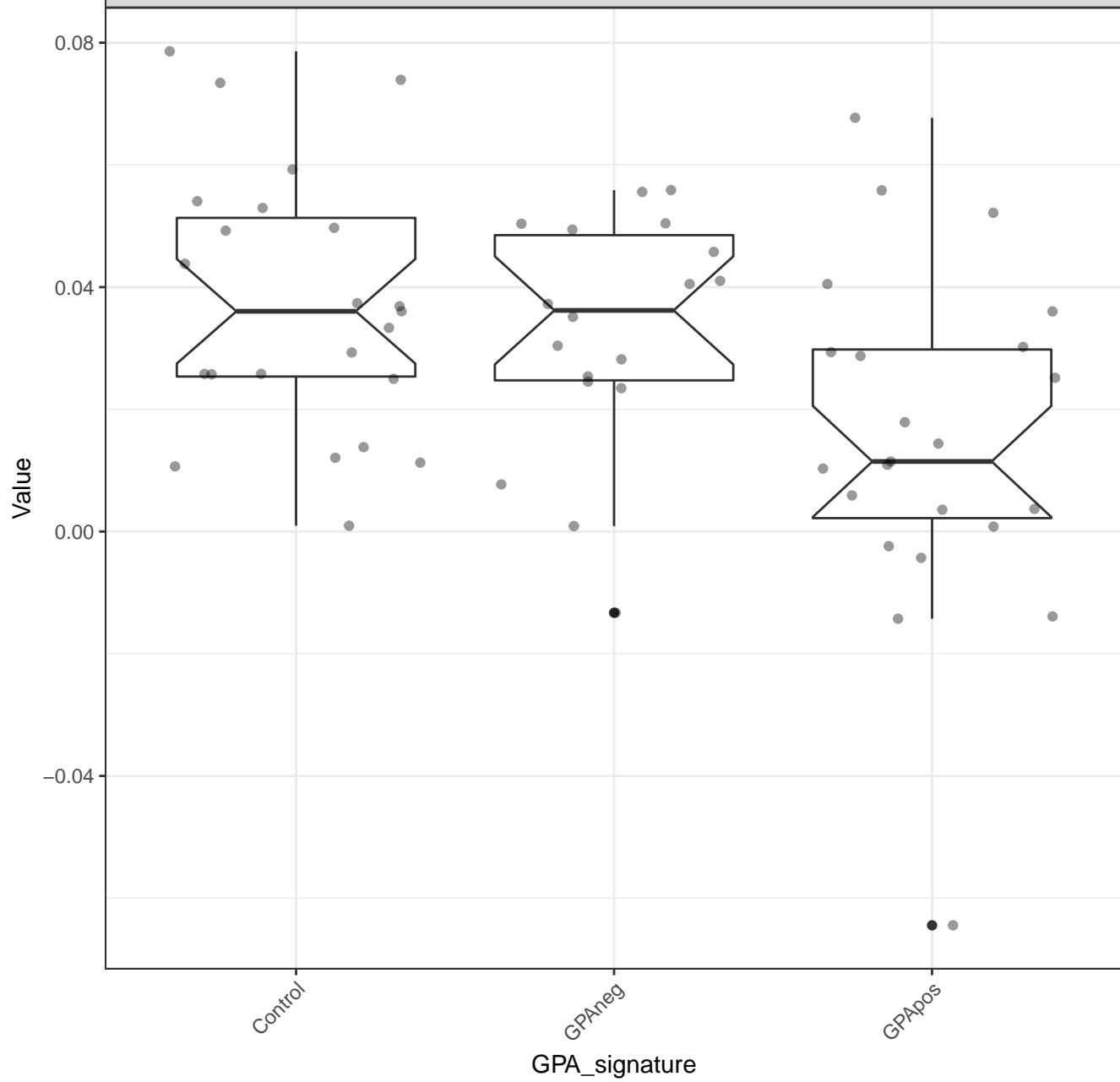
GPA_signature



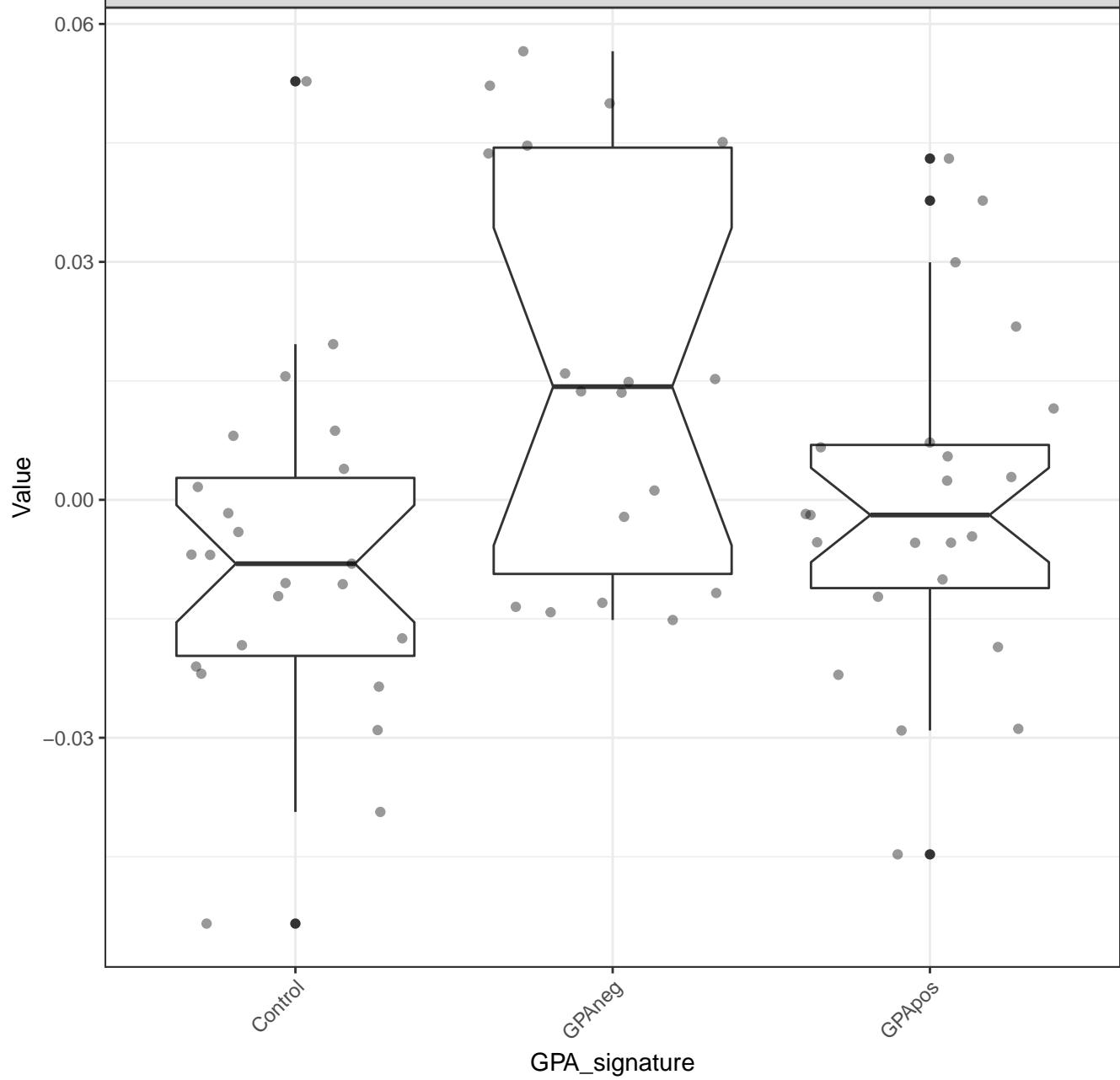
LV 149



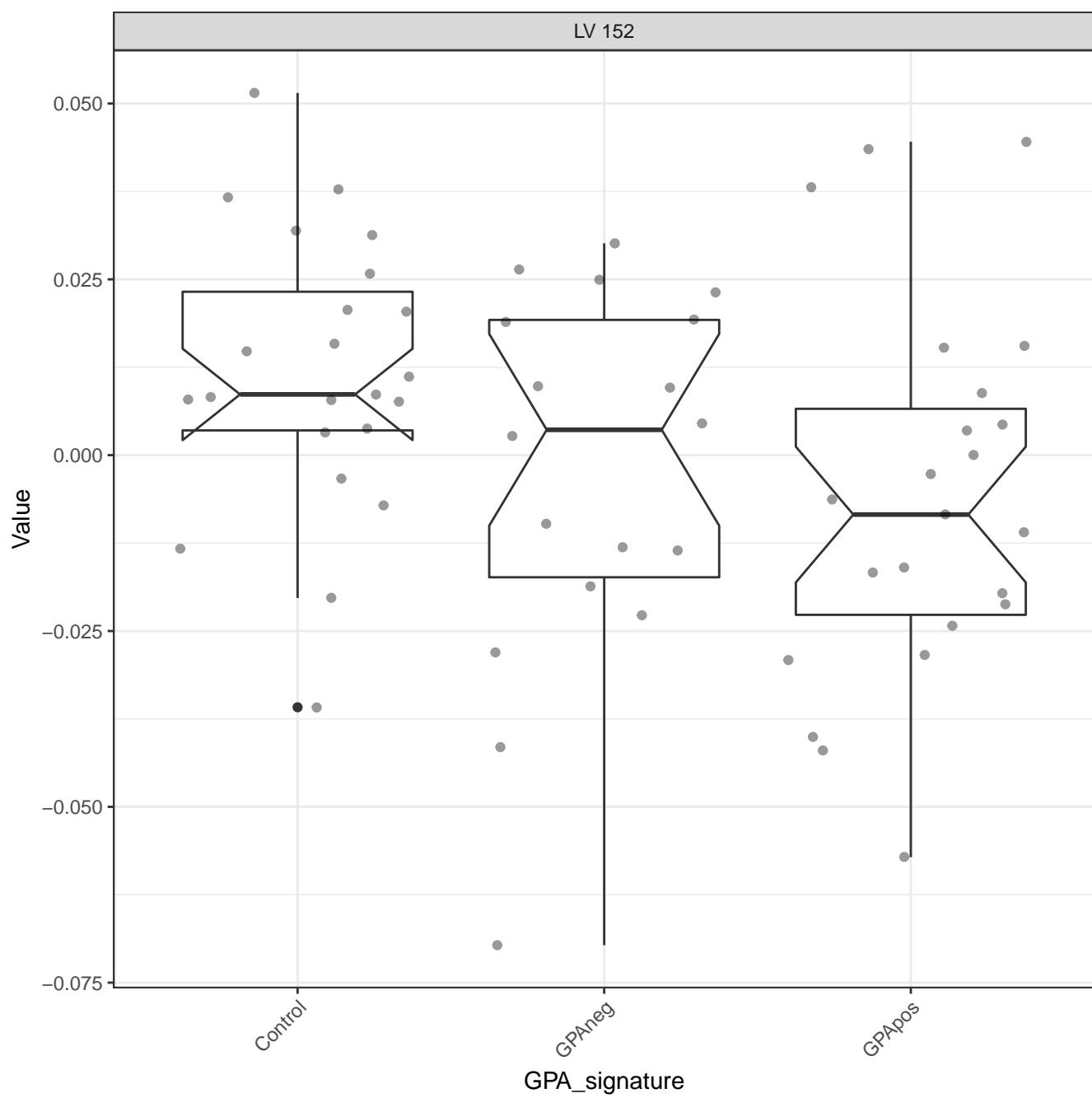
LV 150

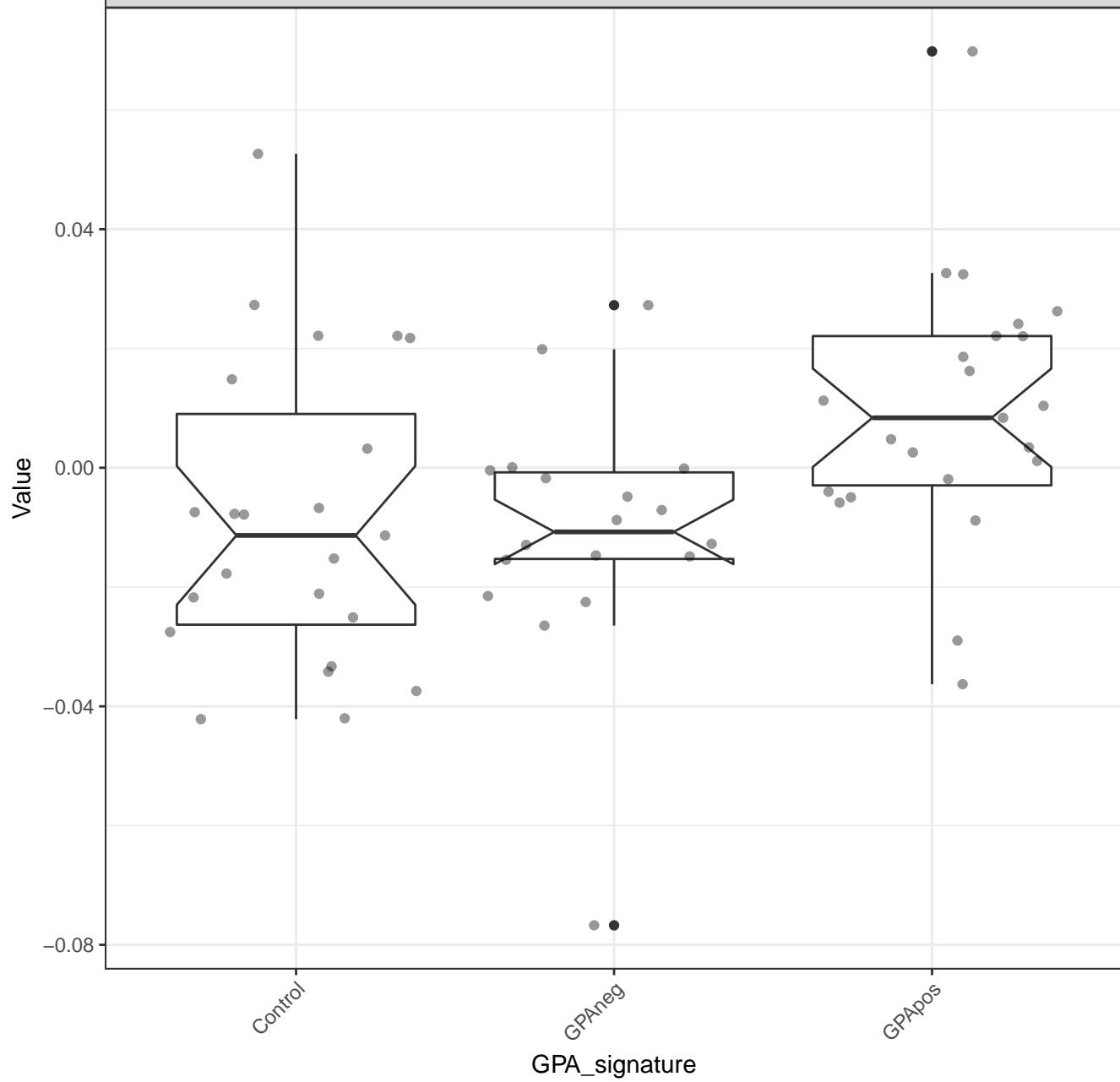


LV 151

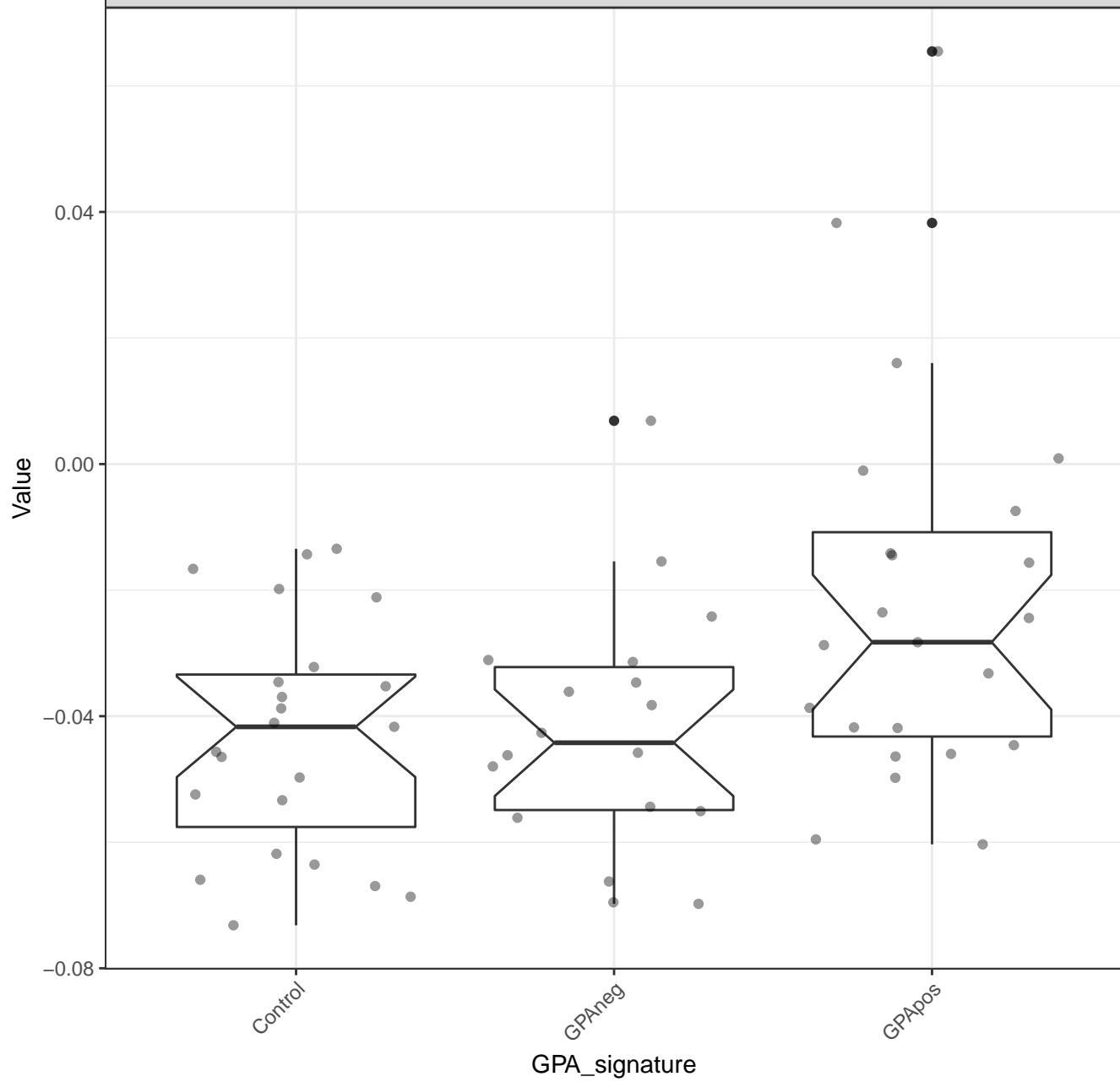


LV 152





LV 154



LV 155

Value

0.05

0.01

-0.05

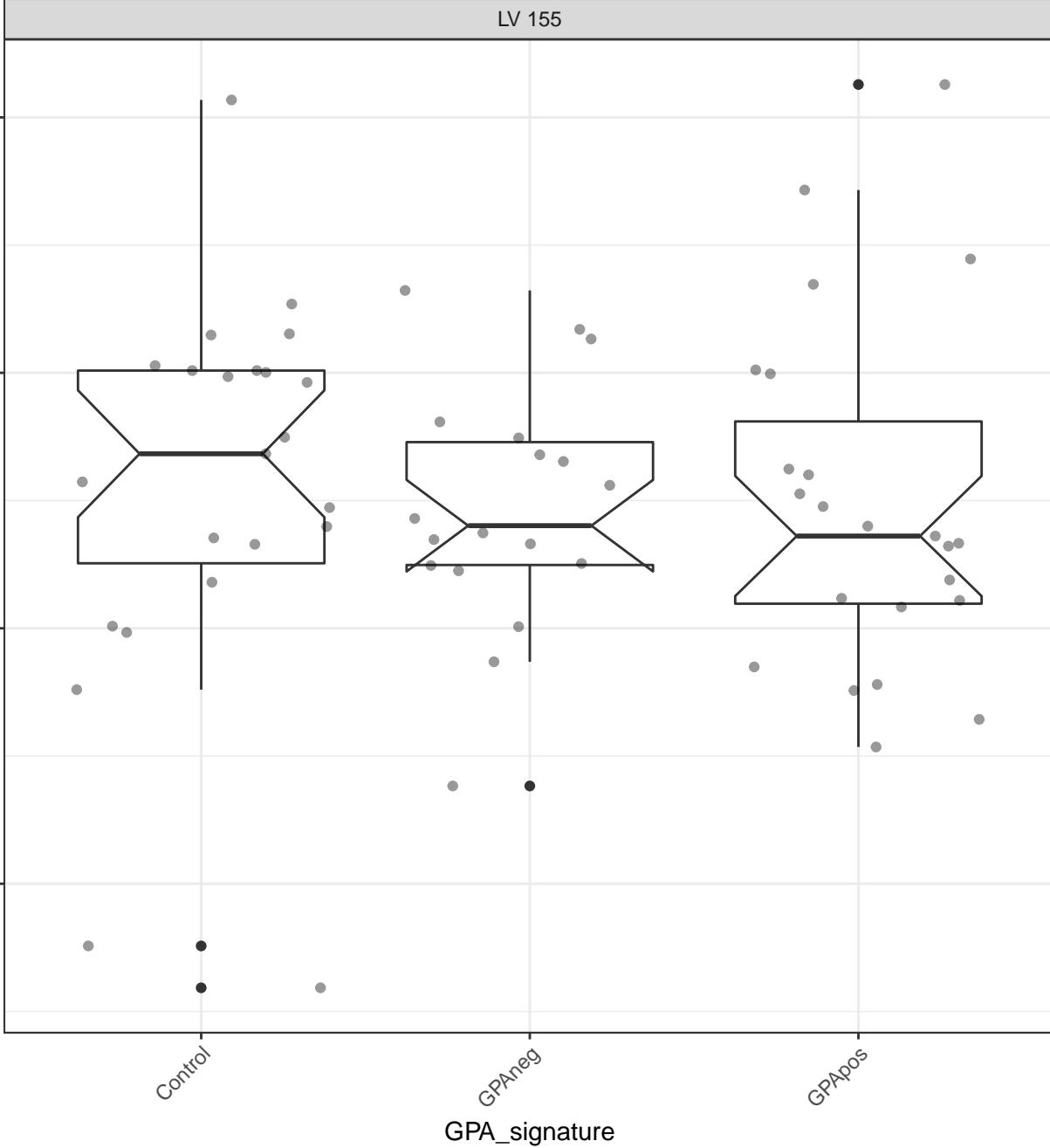
-0.10

Control

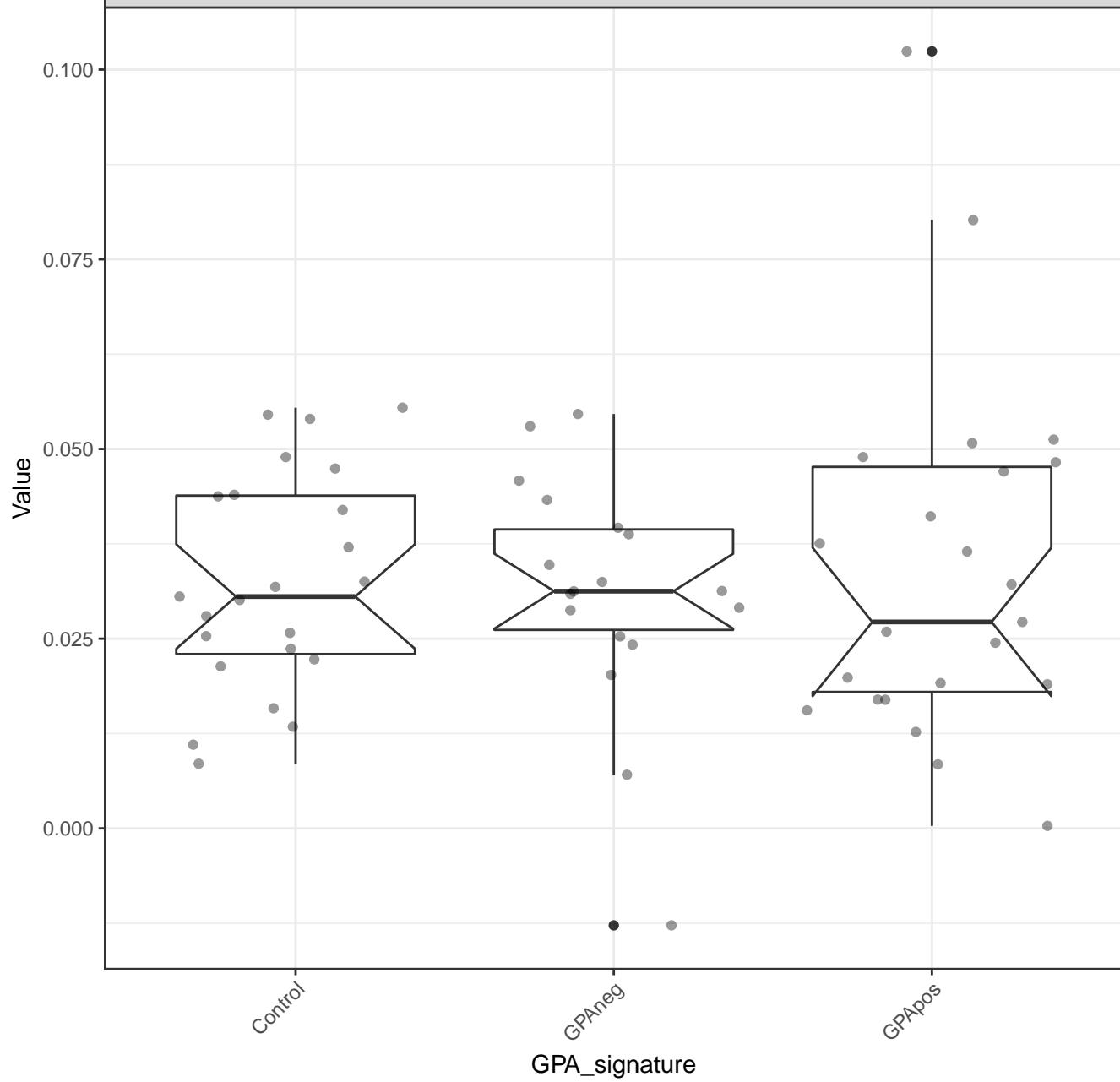
GPAneg

GPAPos

GPA_signature

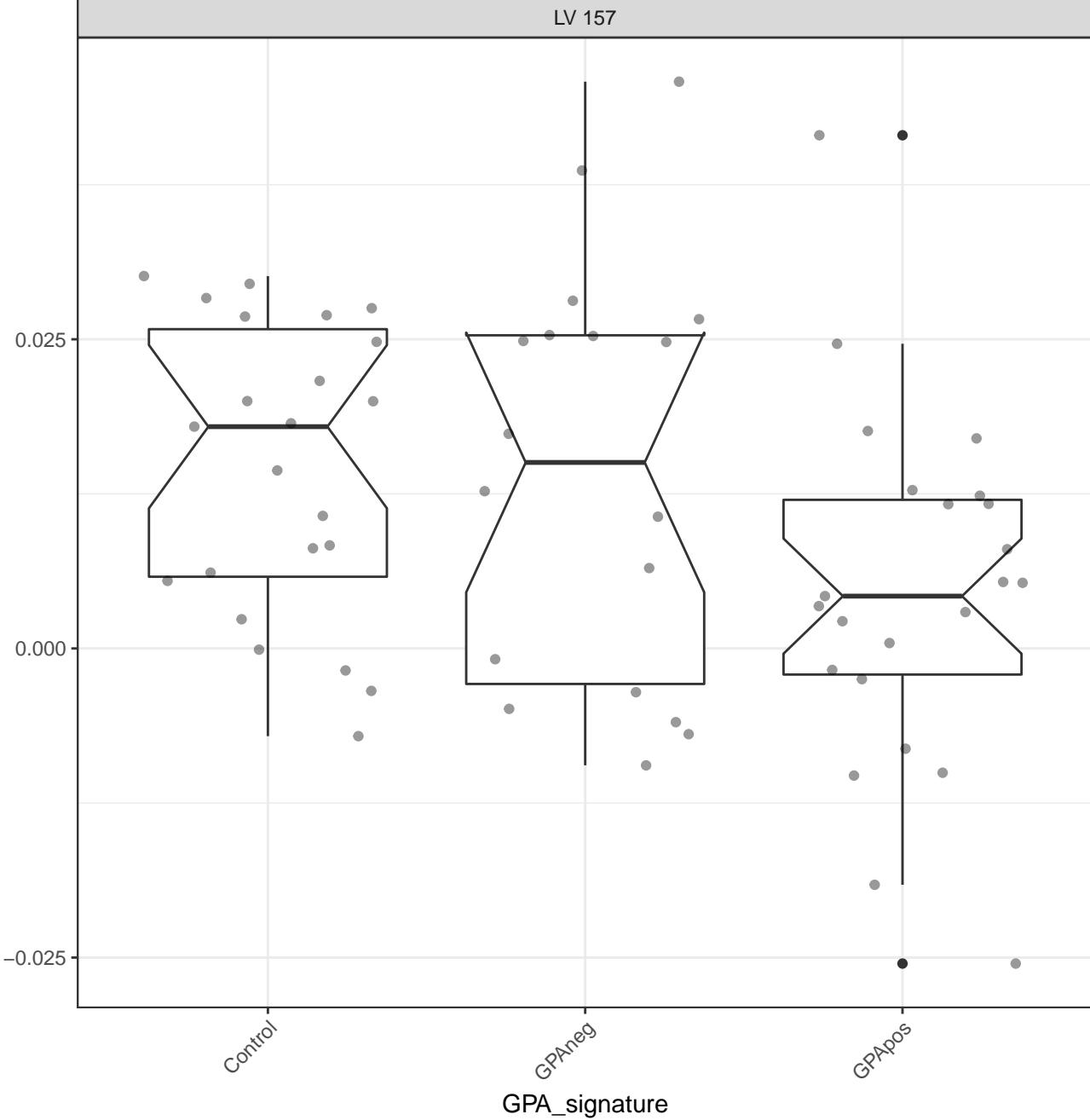


LV 156

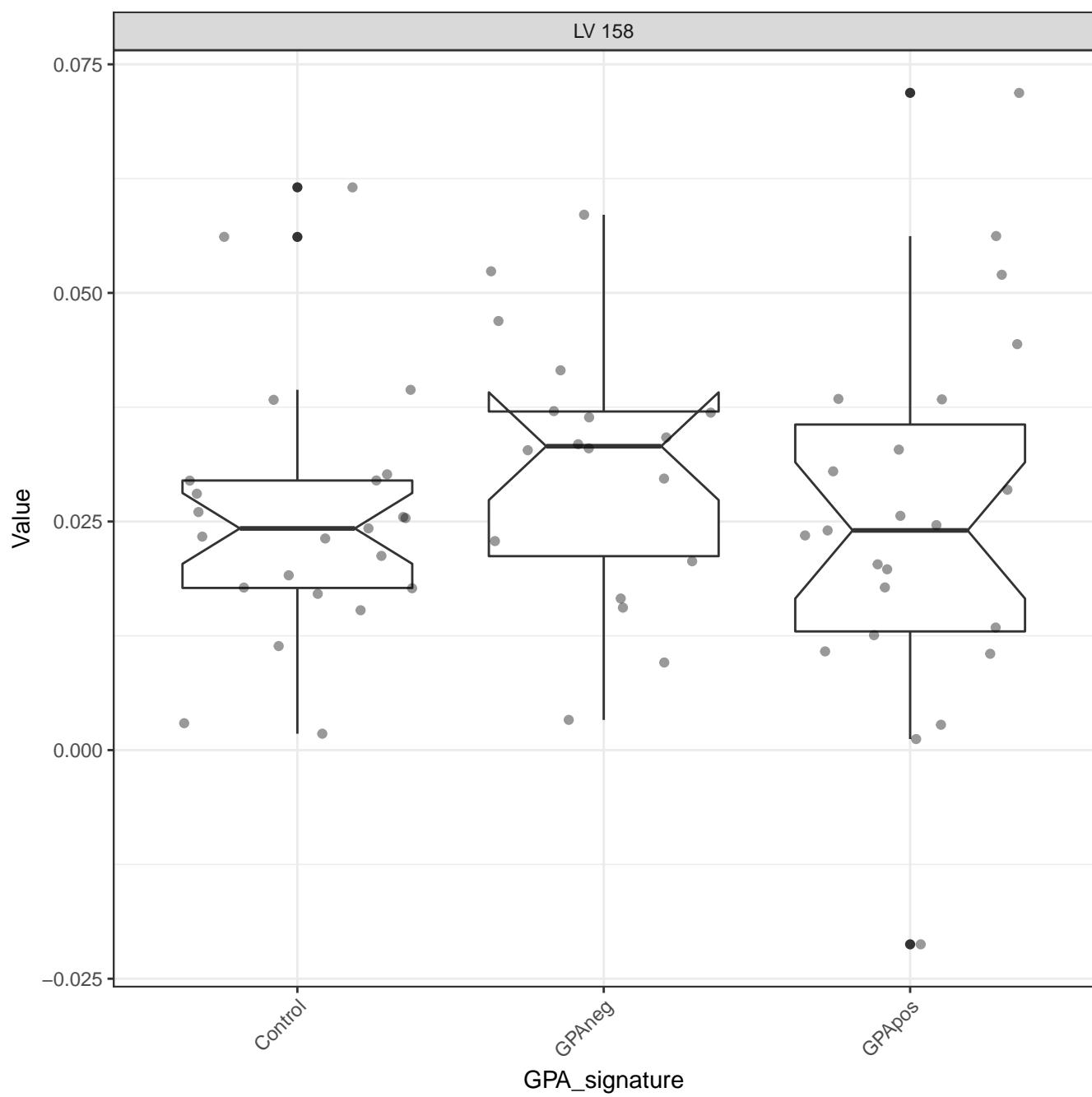


LV 157

Value



LV 158



LV 159

Value

0.05

0.00

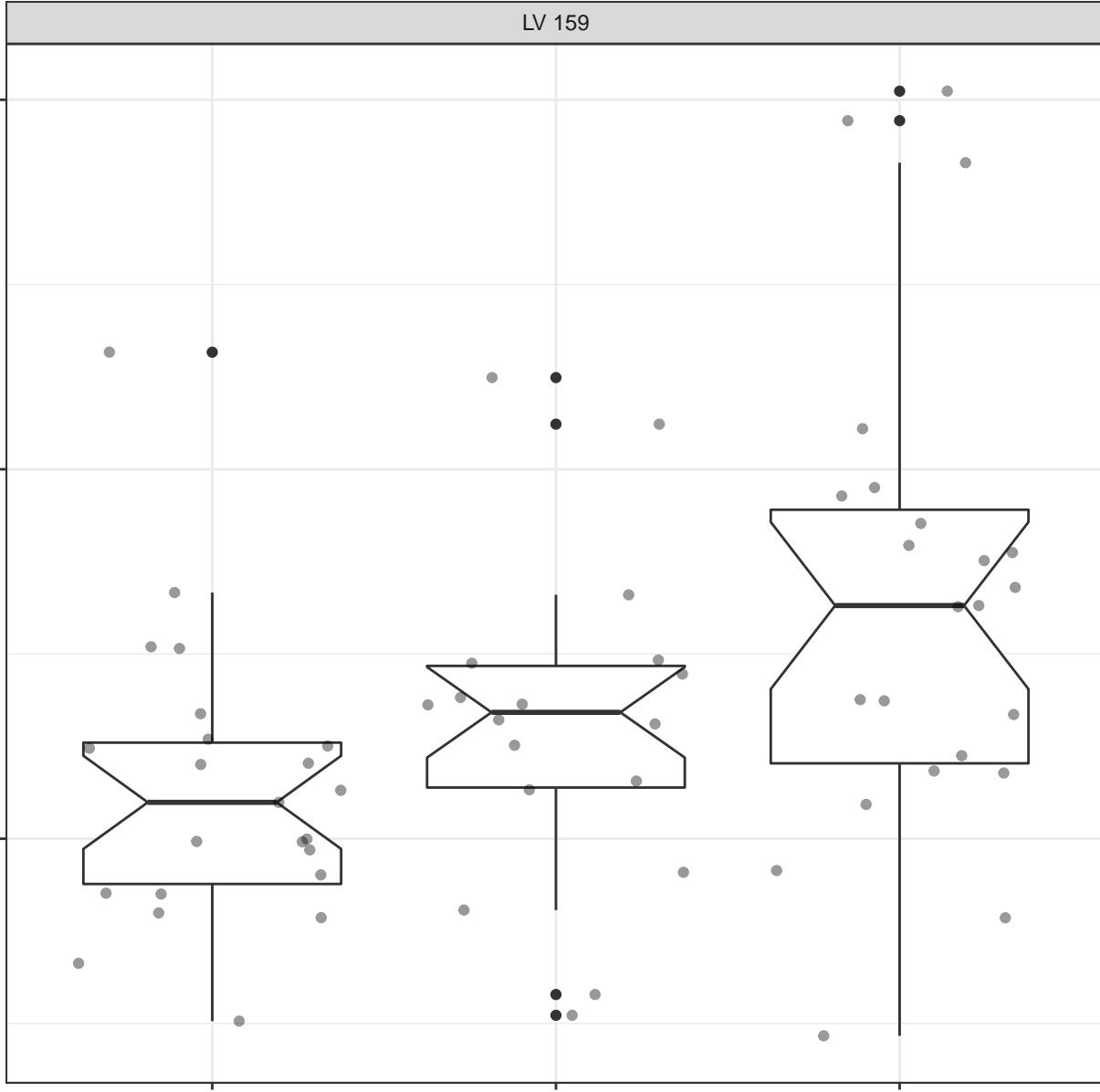
-0.05

Control

GPAneg

GPAPos

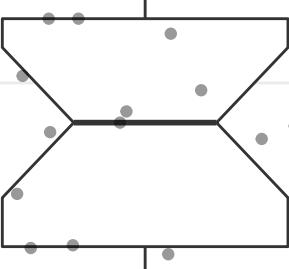
GPA_signature



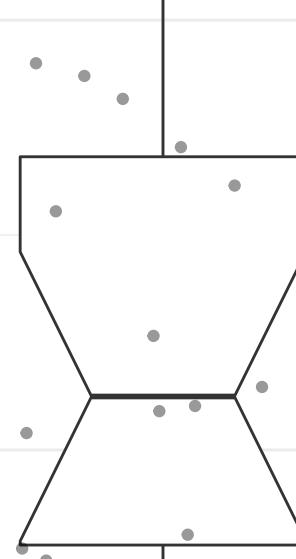
Value

0.05

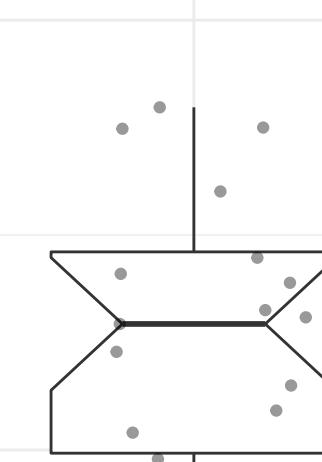
0.00



Control



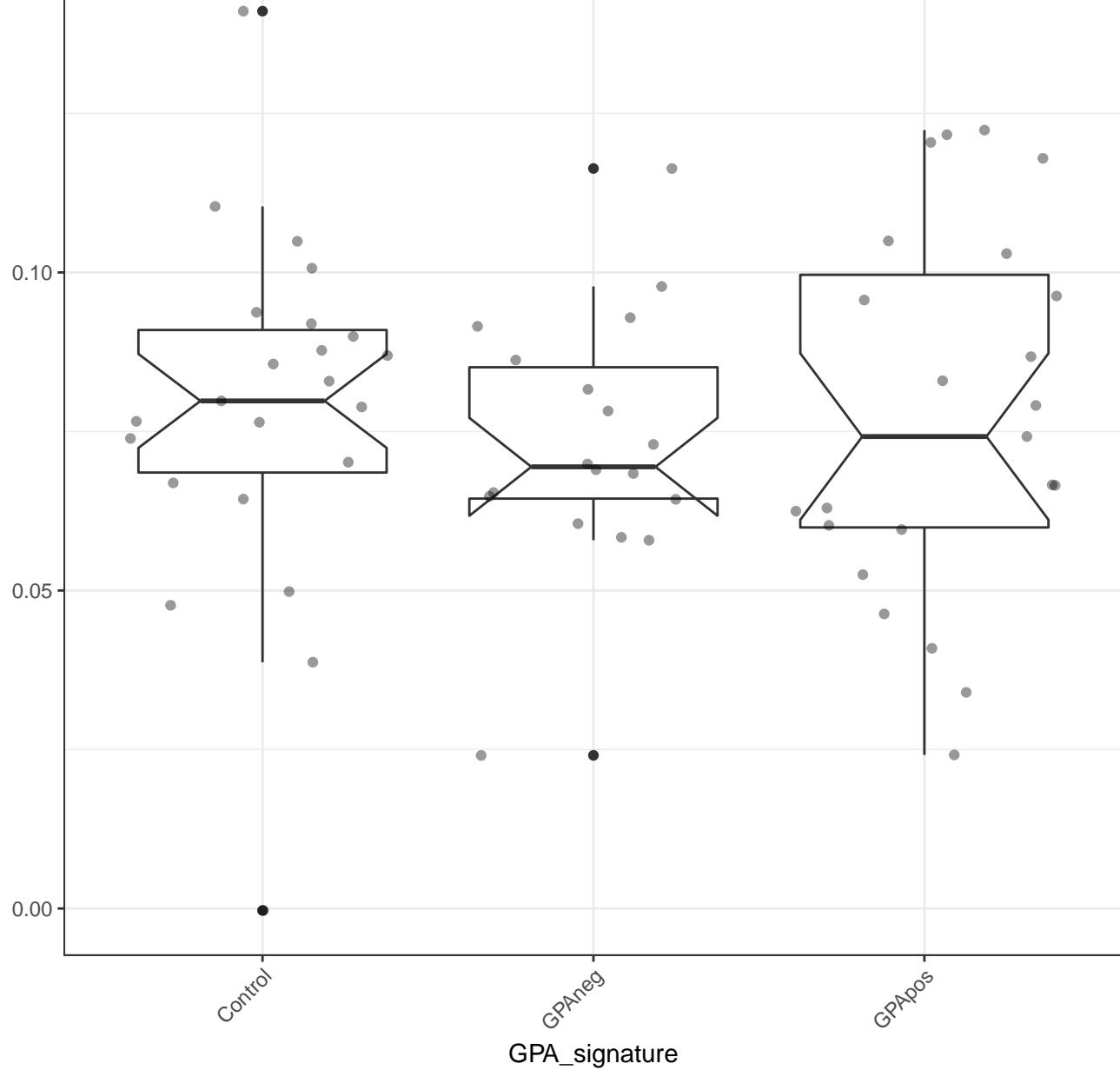
GPAneg

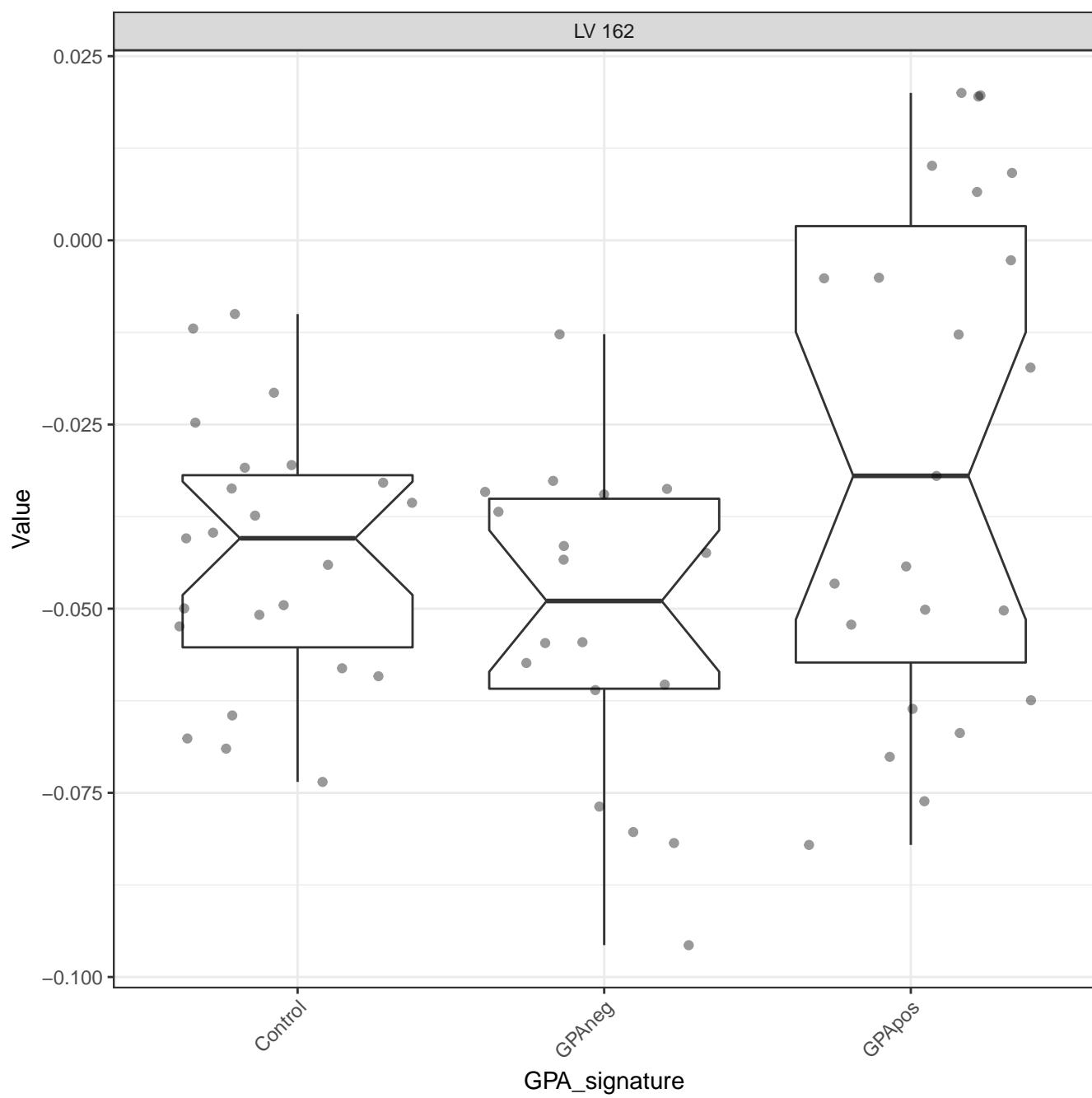


GPApos

161,REACTOME_TRNA_AMINOACYLATION

Value





LV 163

Value

0.10

0.05

0.00

-0.05

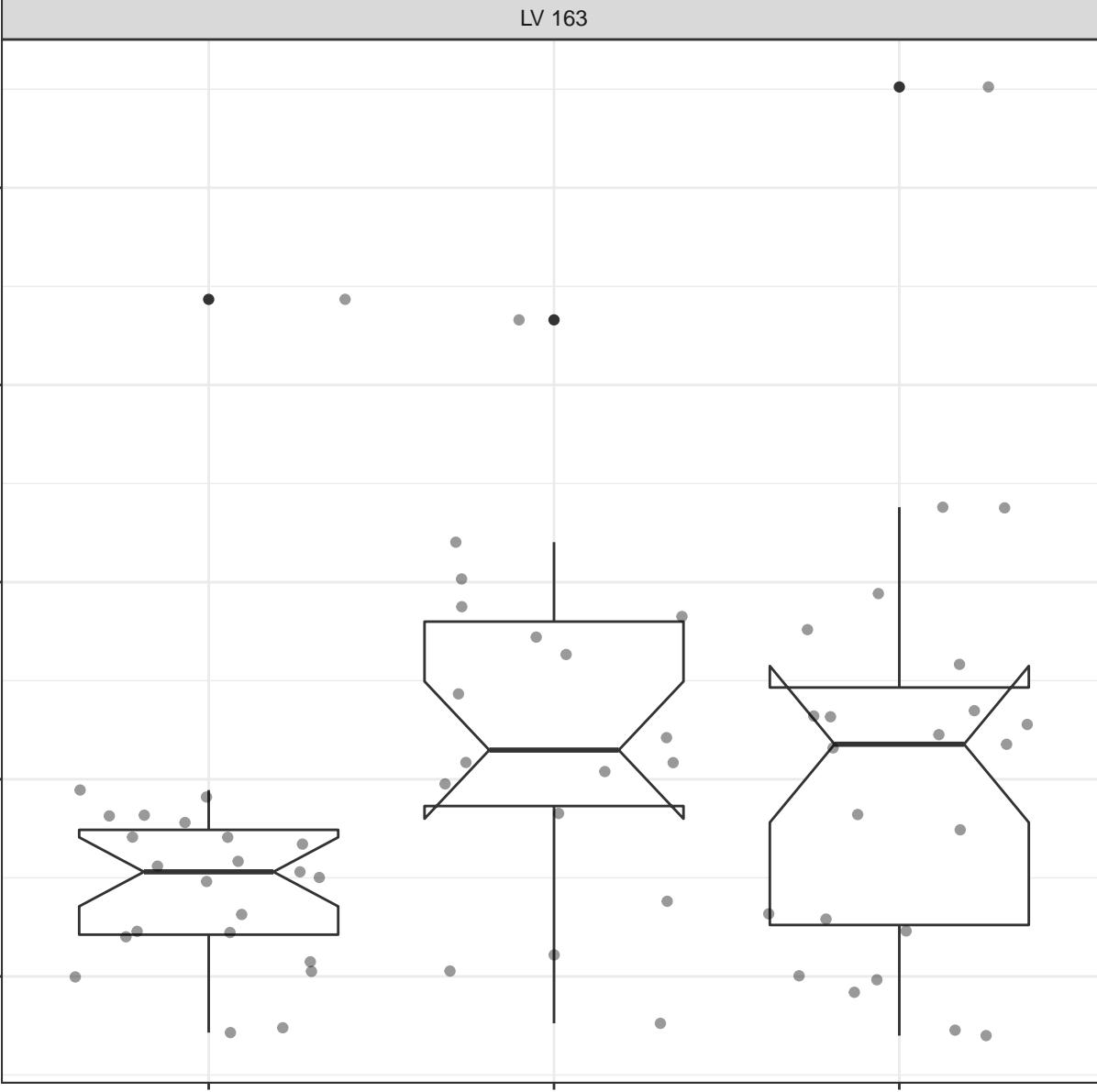
-0.10

Control

GPA_signature

GPAneg

GPAPos



LV 164

Value

0.05

0.00

-0.05

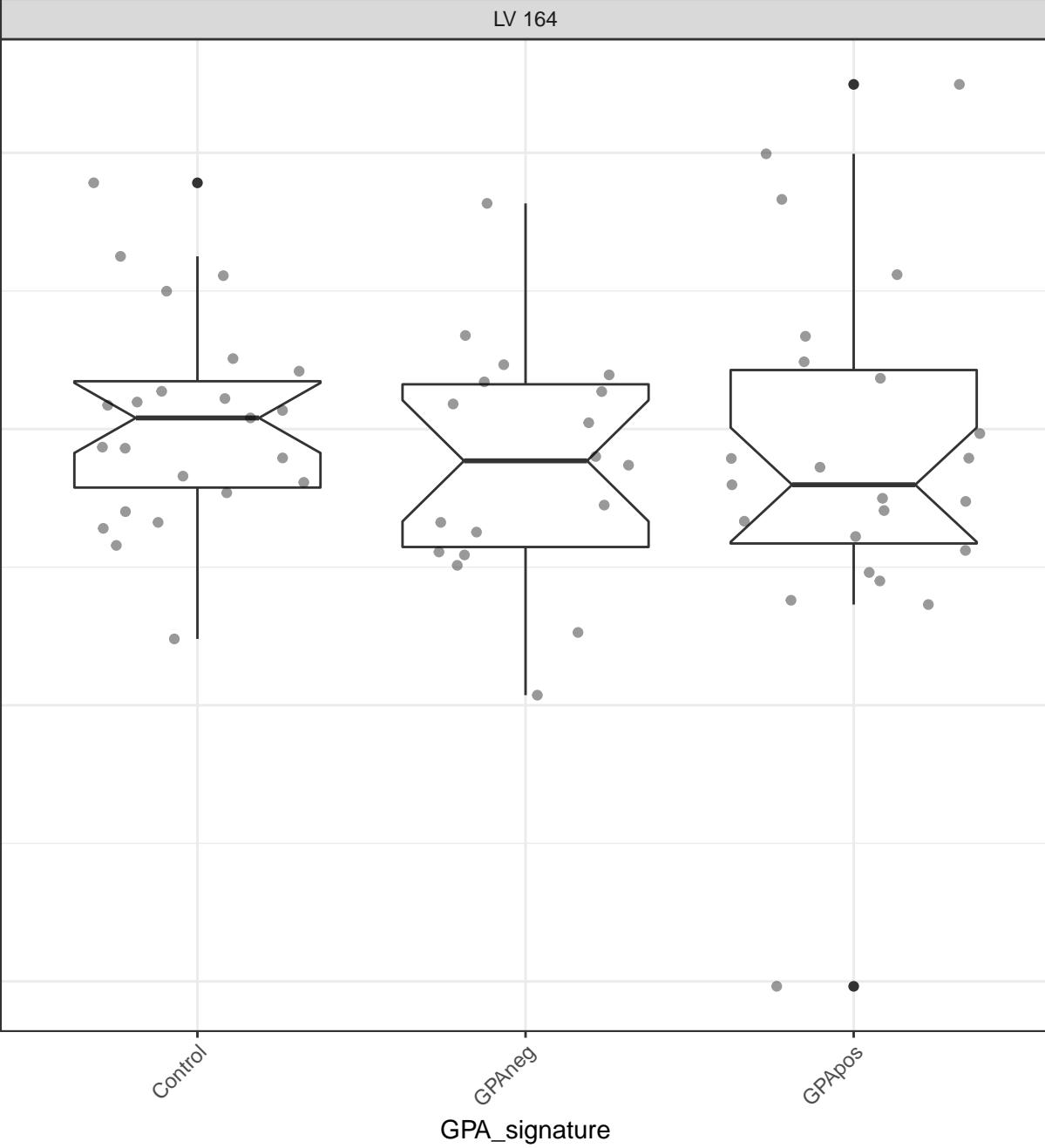
-0.10

Control

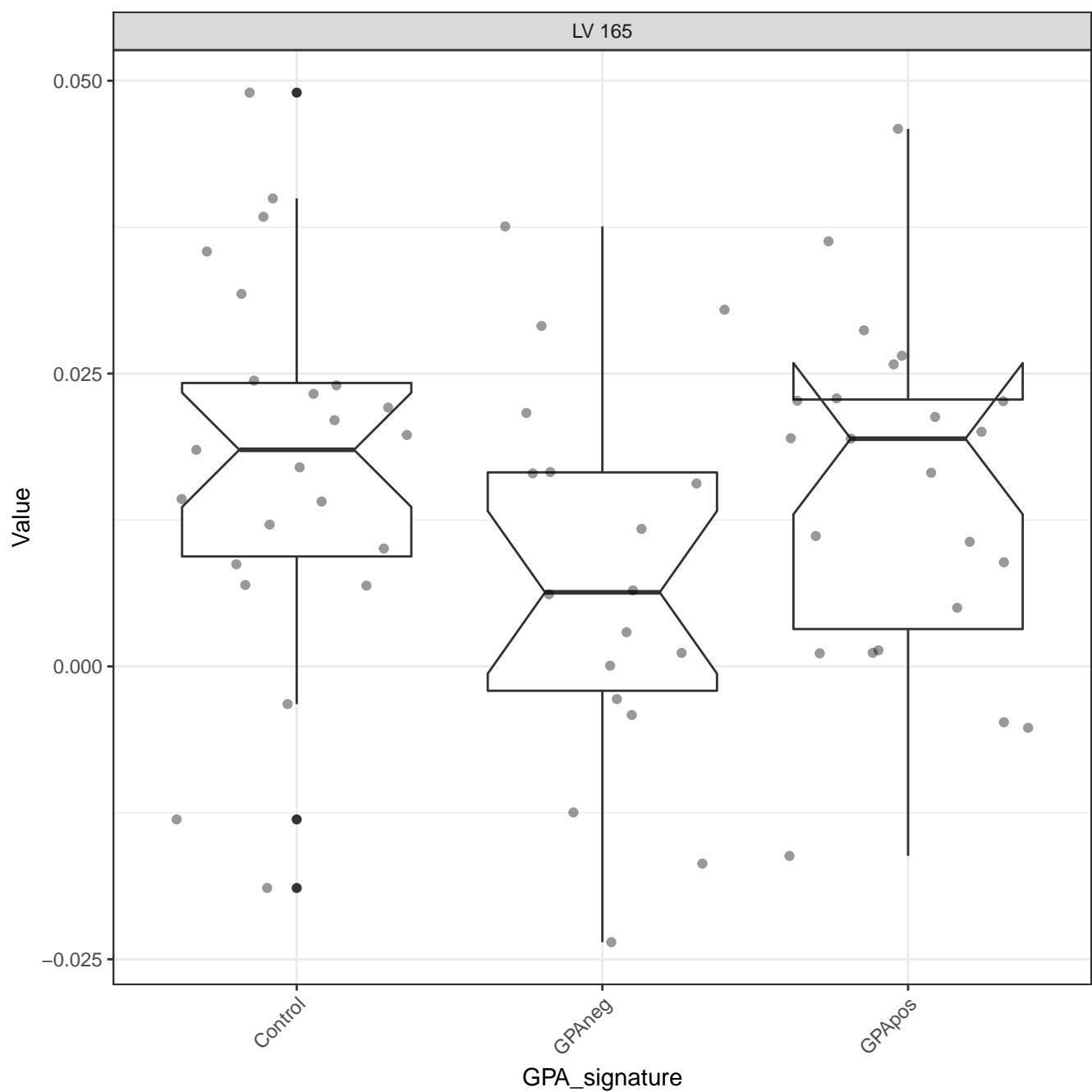
GPAneg

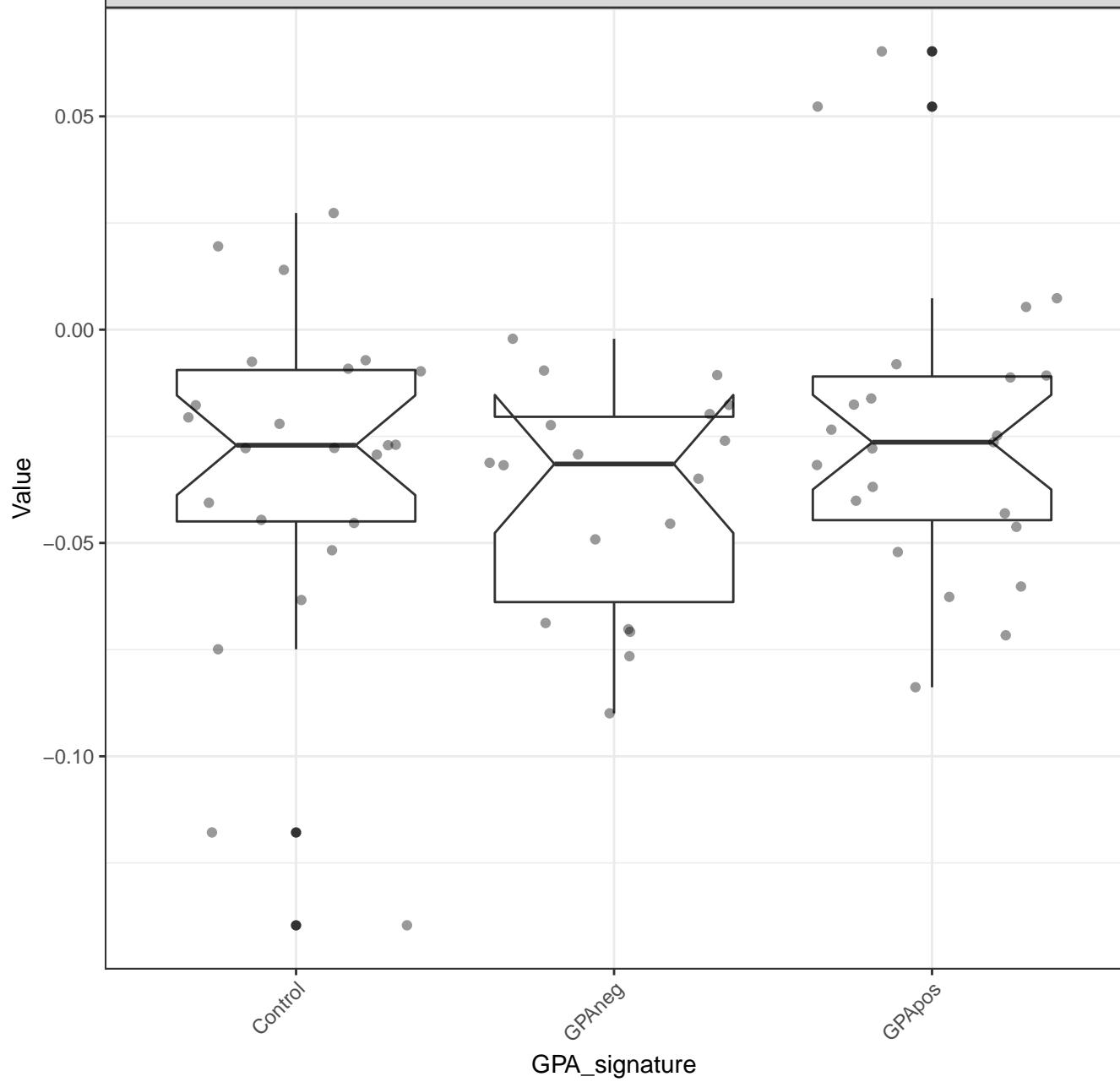
GPAPos

GPA_signature

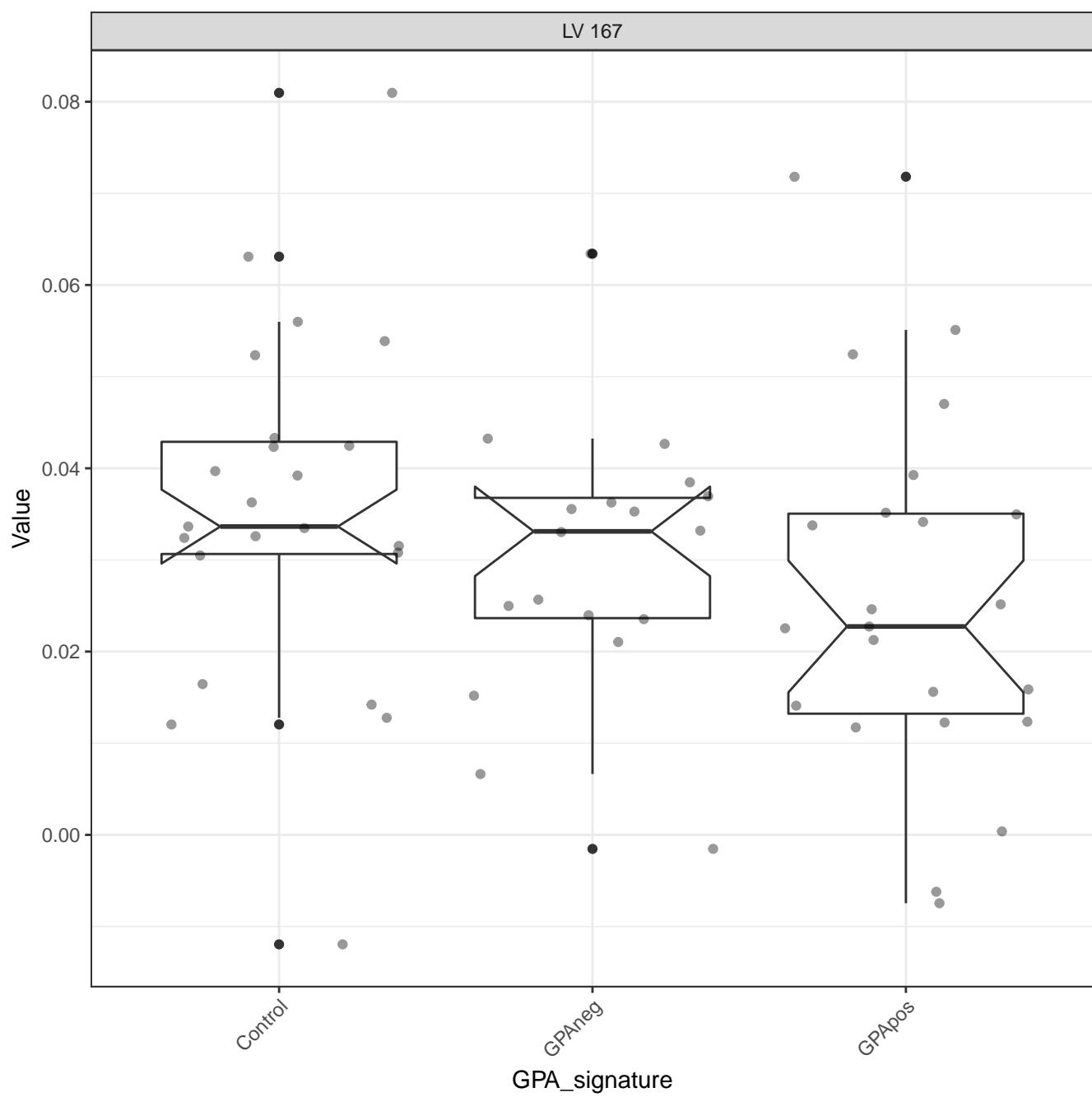


LV 165

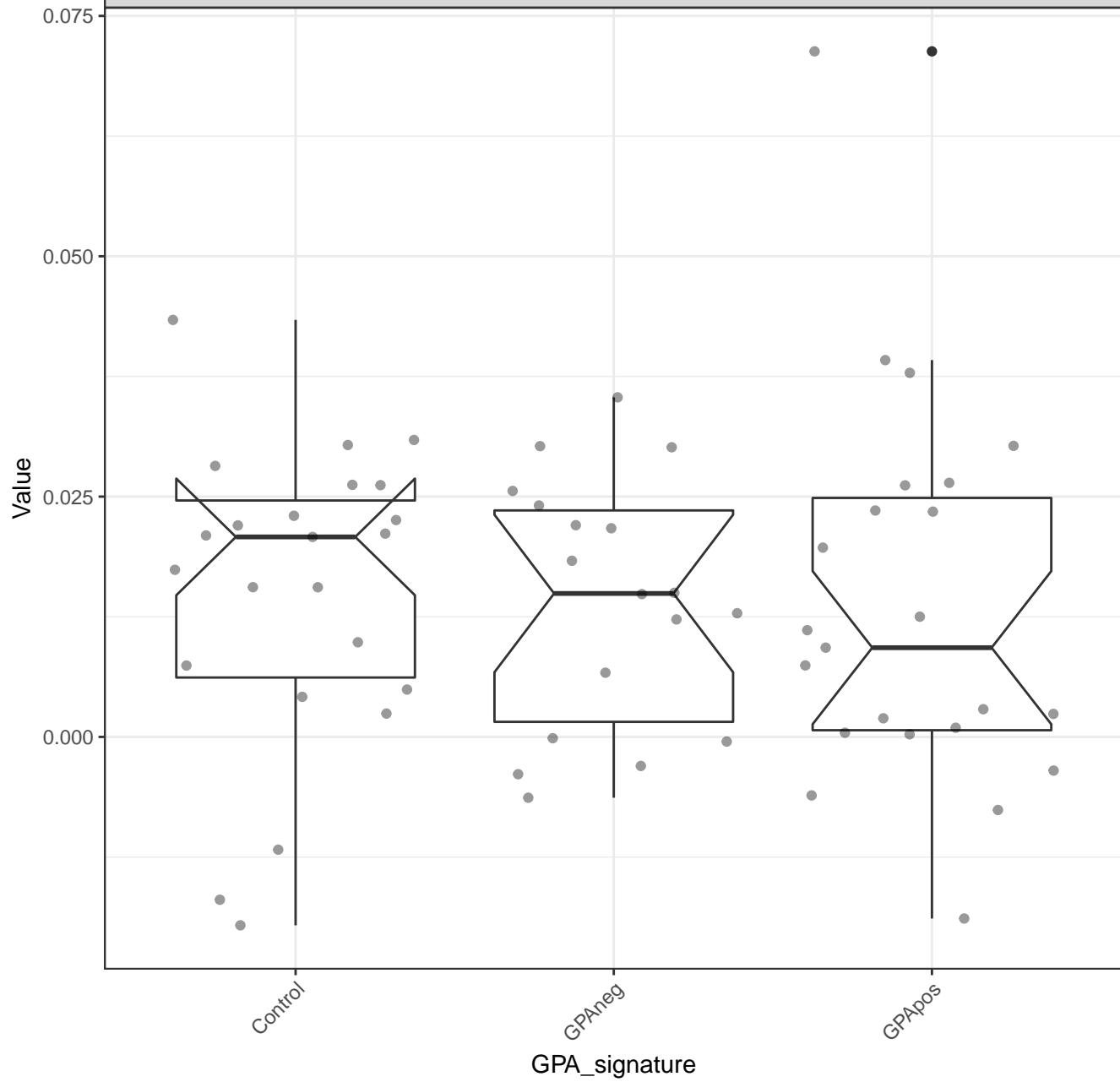




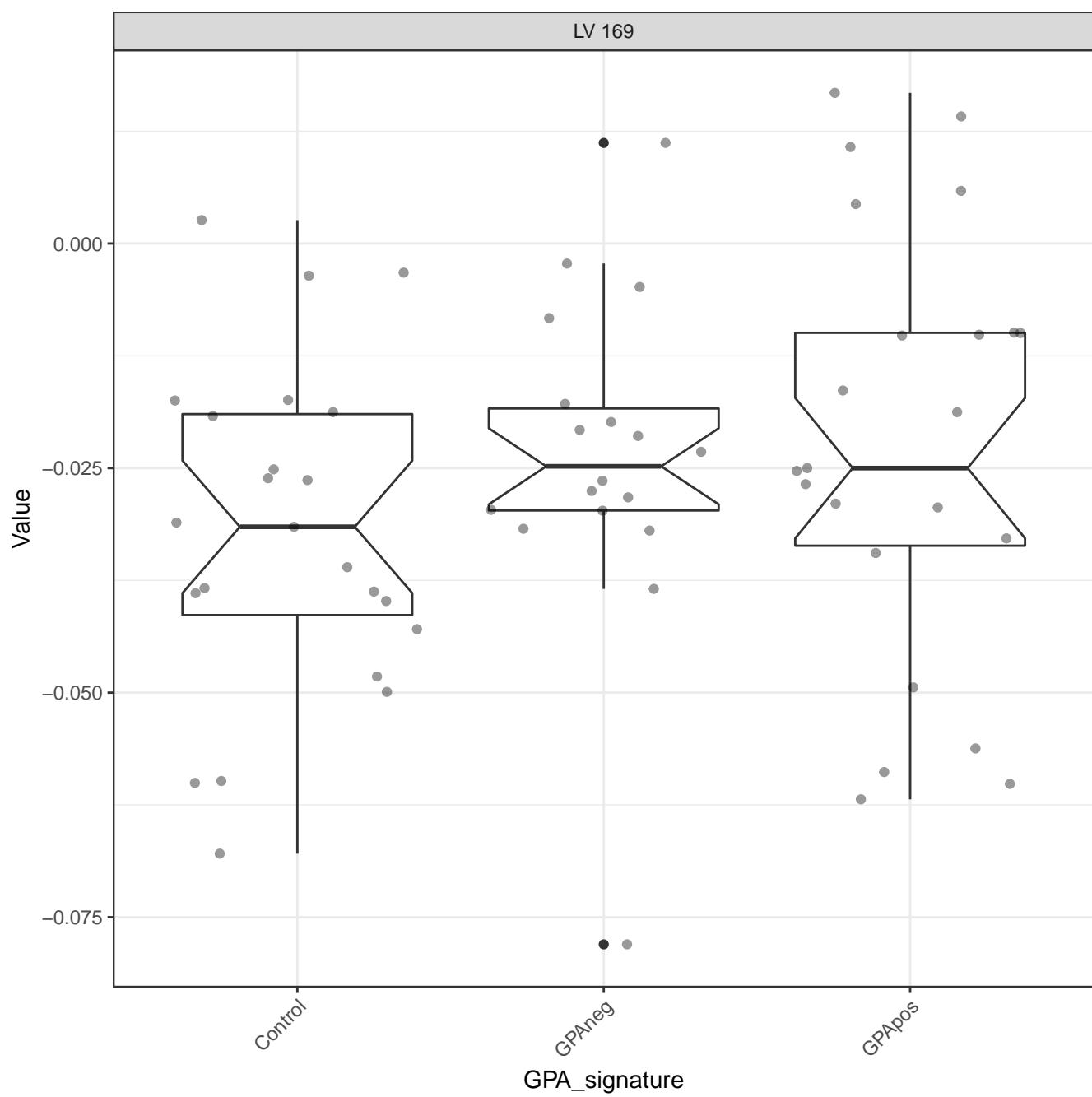
LV 167



LV 168



LV 169



LV 170

Value

0.04

0.02

0.01

-0.02

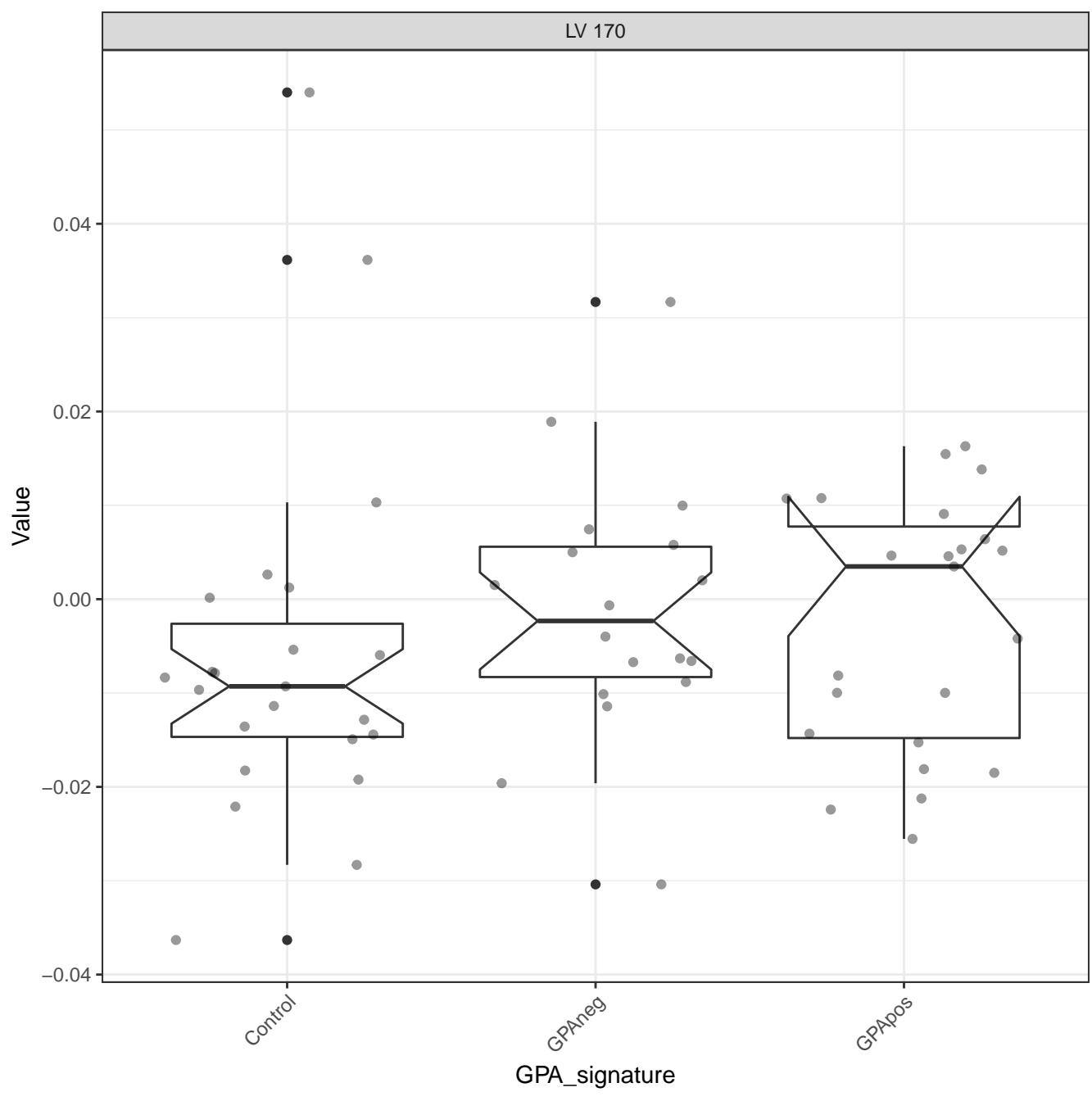
-0.04

Control

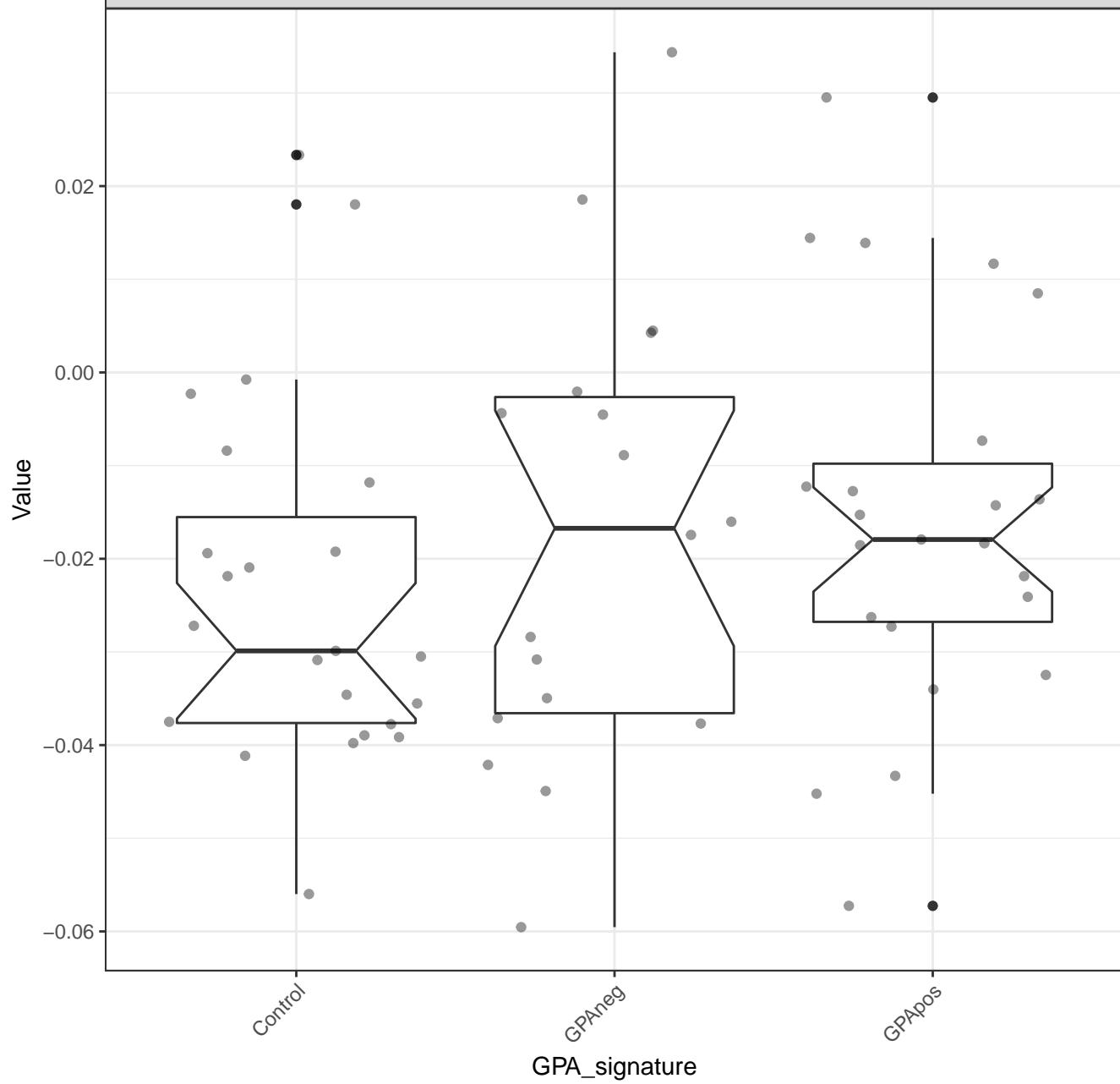
GPAneg

GPAPos

GPA_signature



171,KEGG_FATTY_ACID_METABOLISM



172,DMAP_ERY4

Value

0.3

0.2

0.1

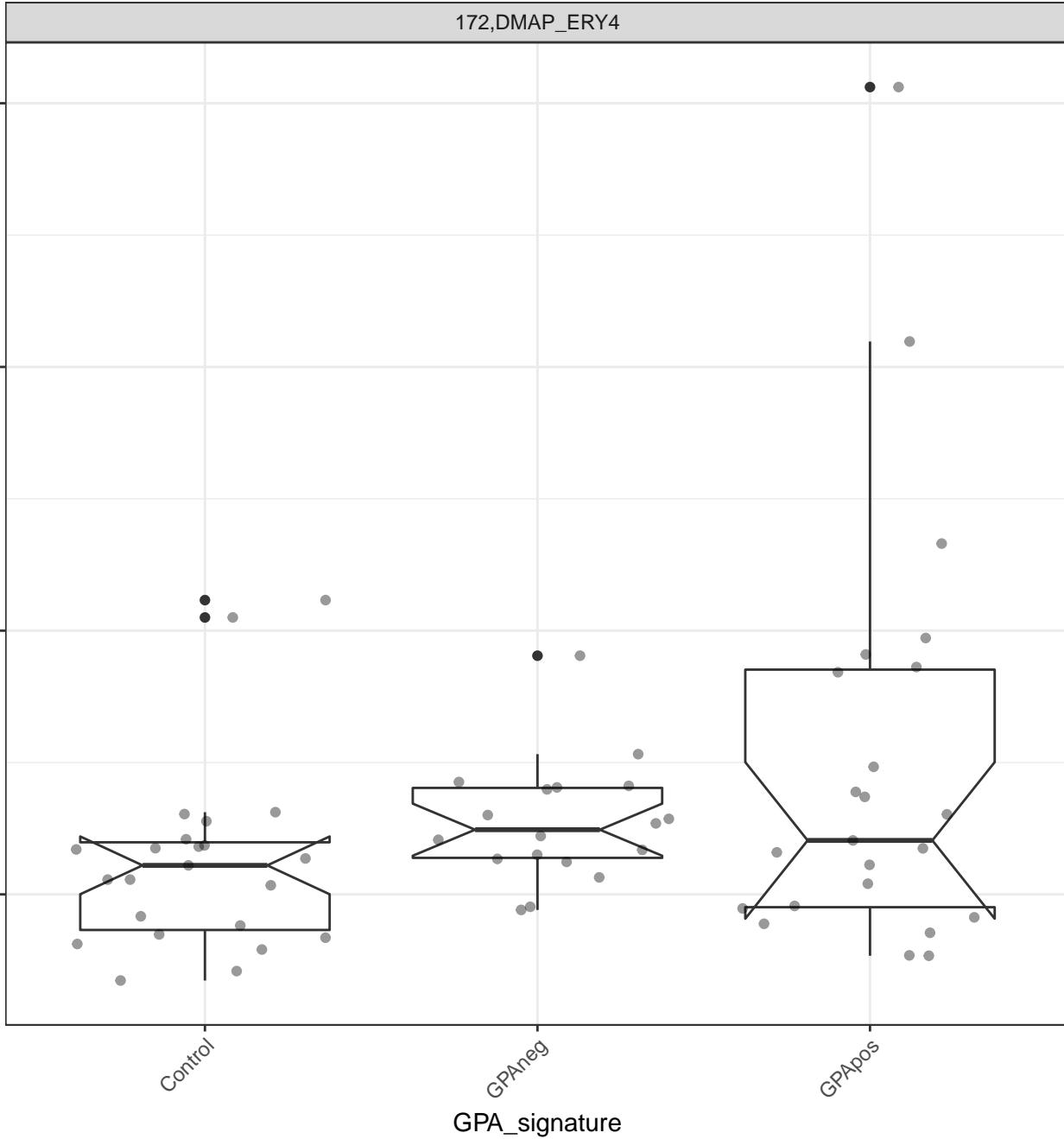
0.0

Control

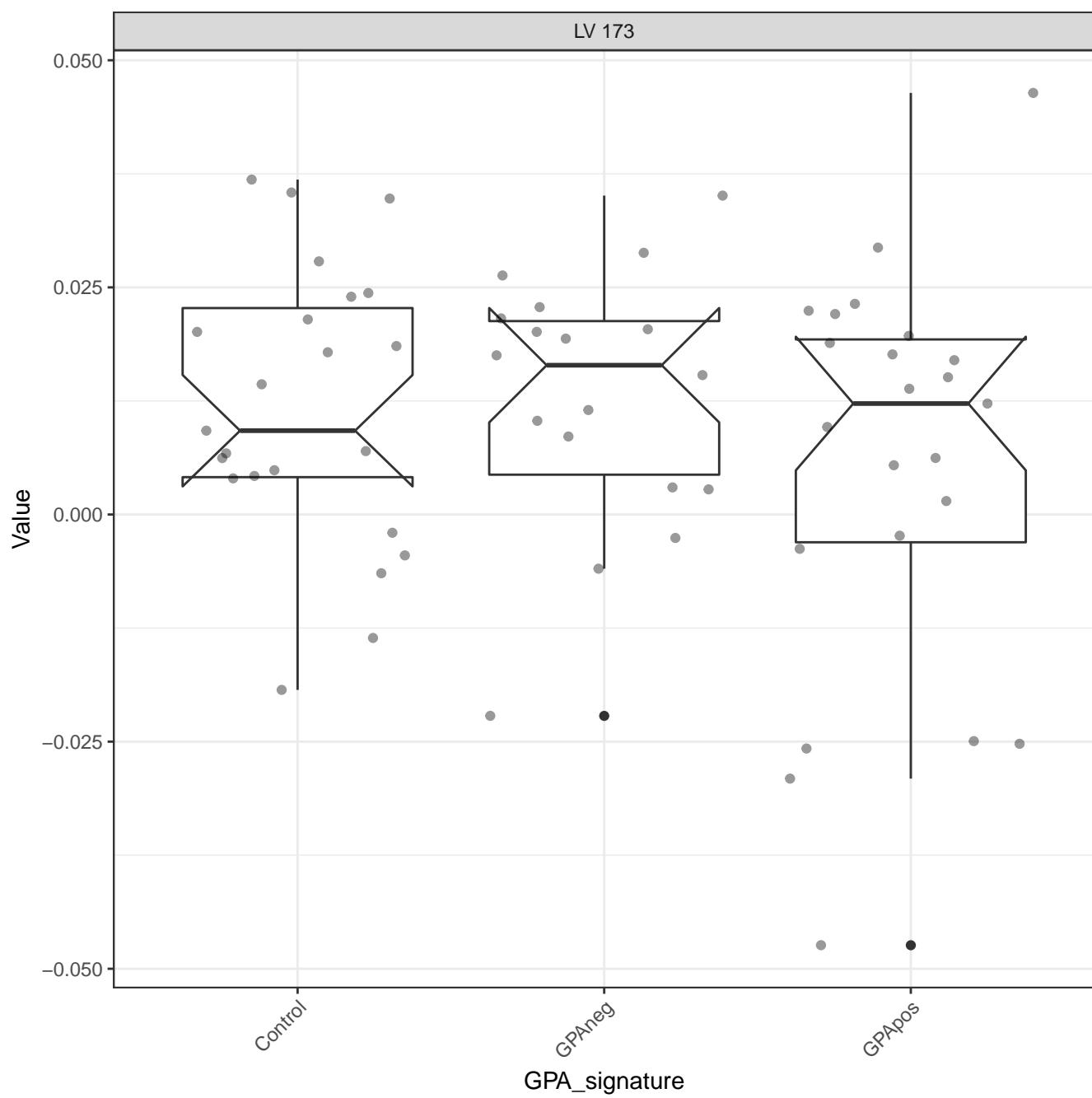
GPAneg

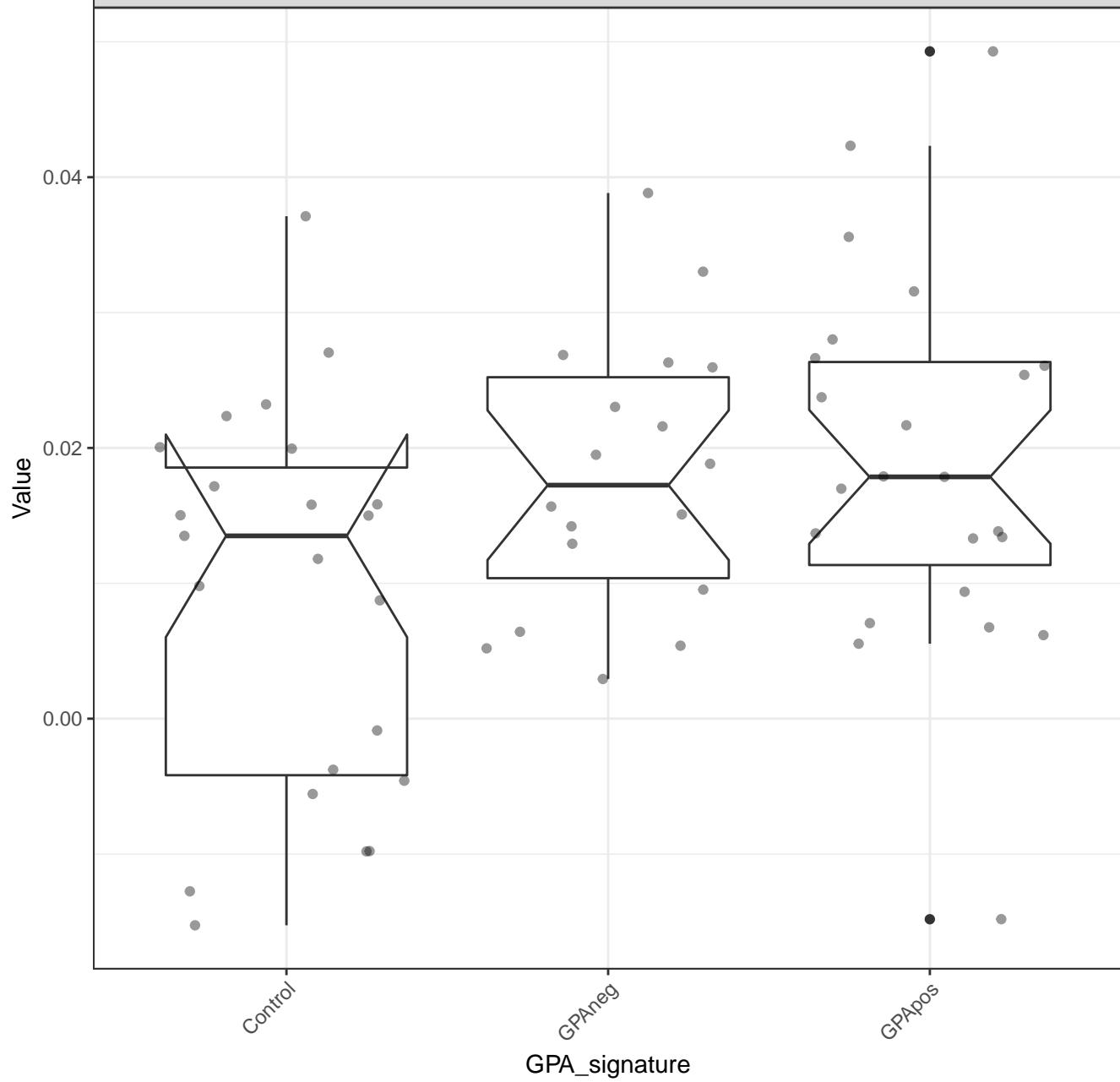
GPAPos

GPA_signature

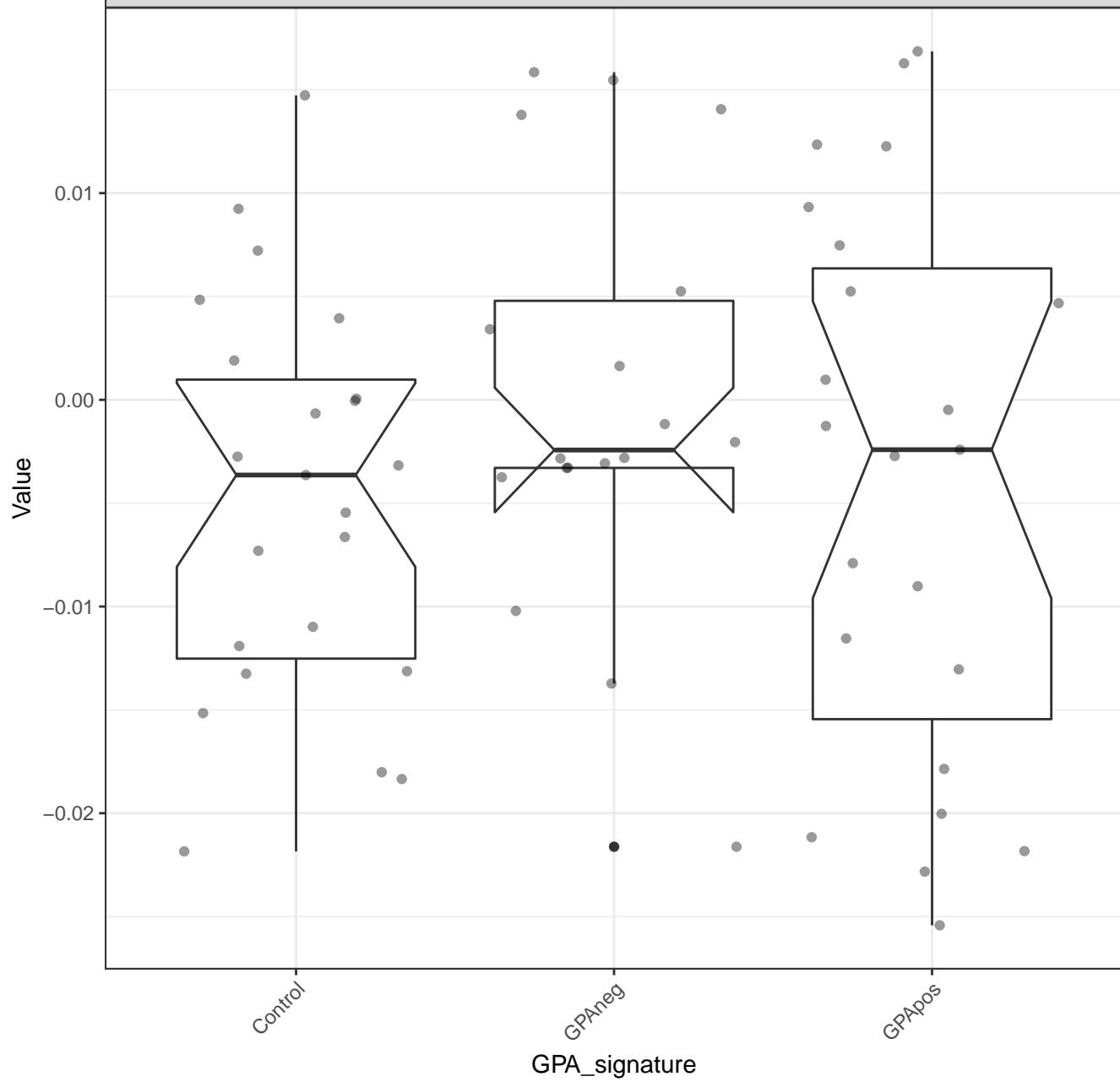


LV 173





LV 175



176,KEGG_FRUCTOSE_AND_MANNOSE_METABOLISM

Value

0.05

0.00

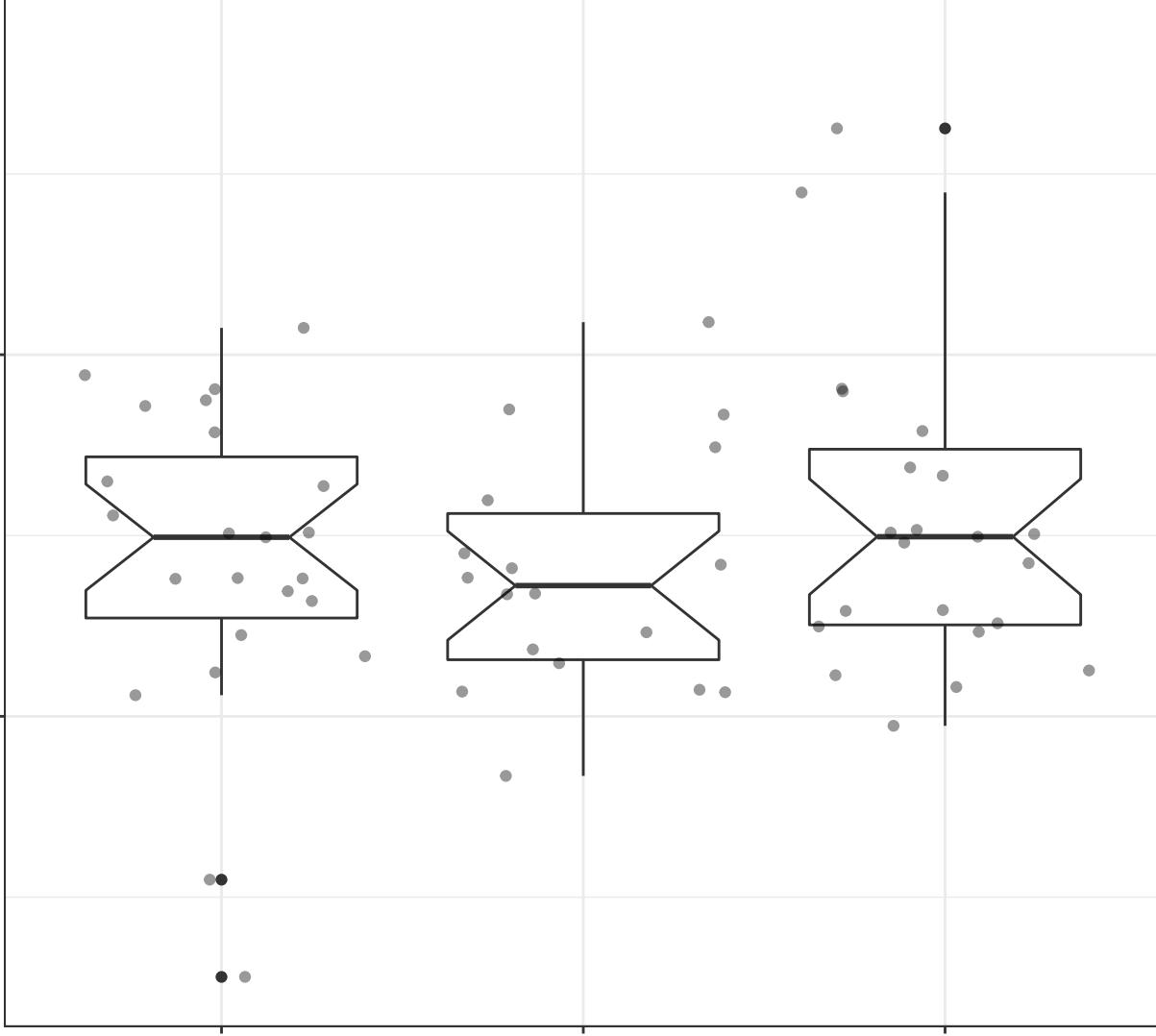
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Control

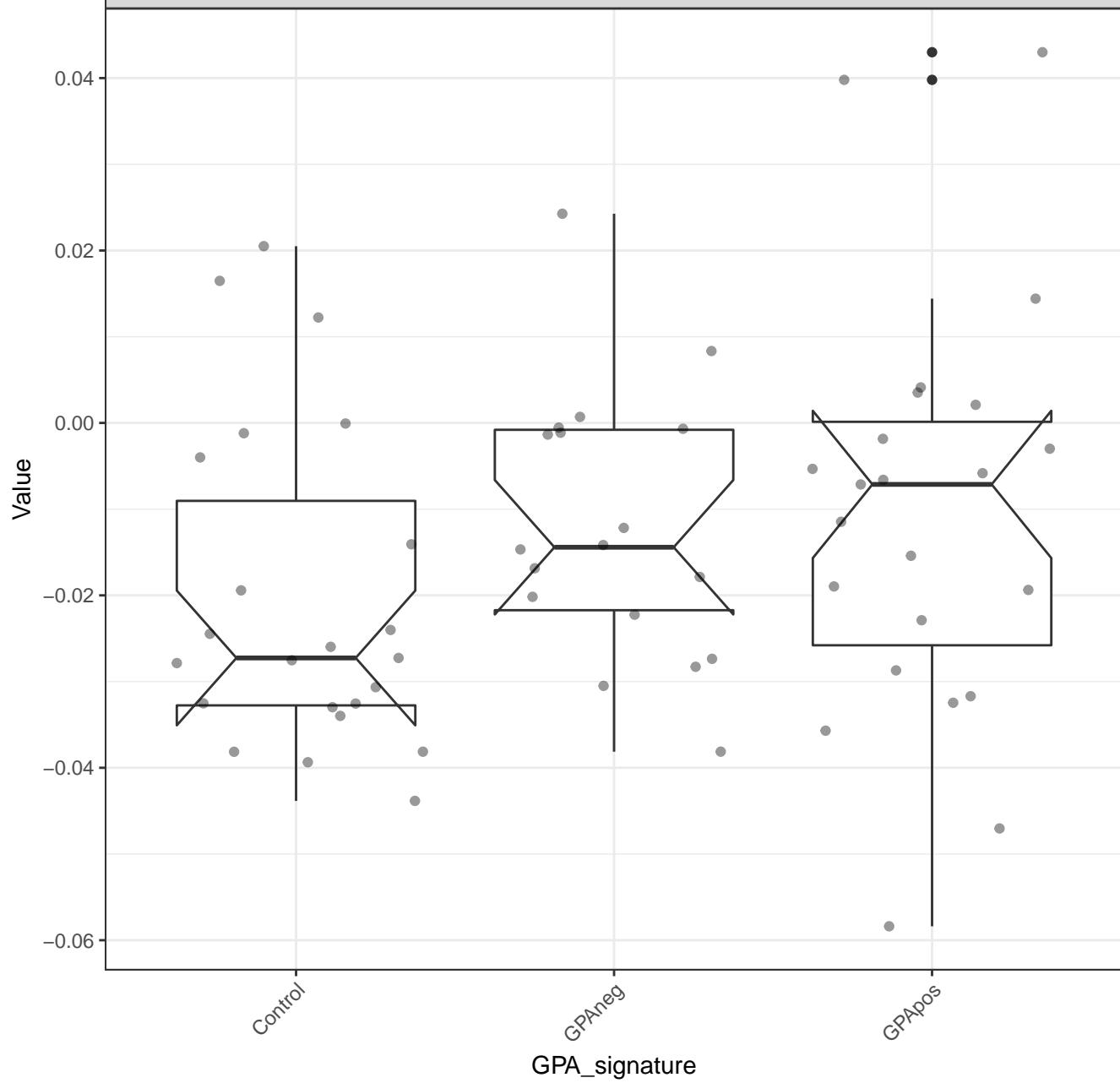
GPAneg

GPApos

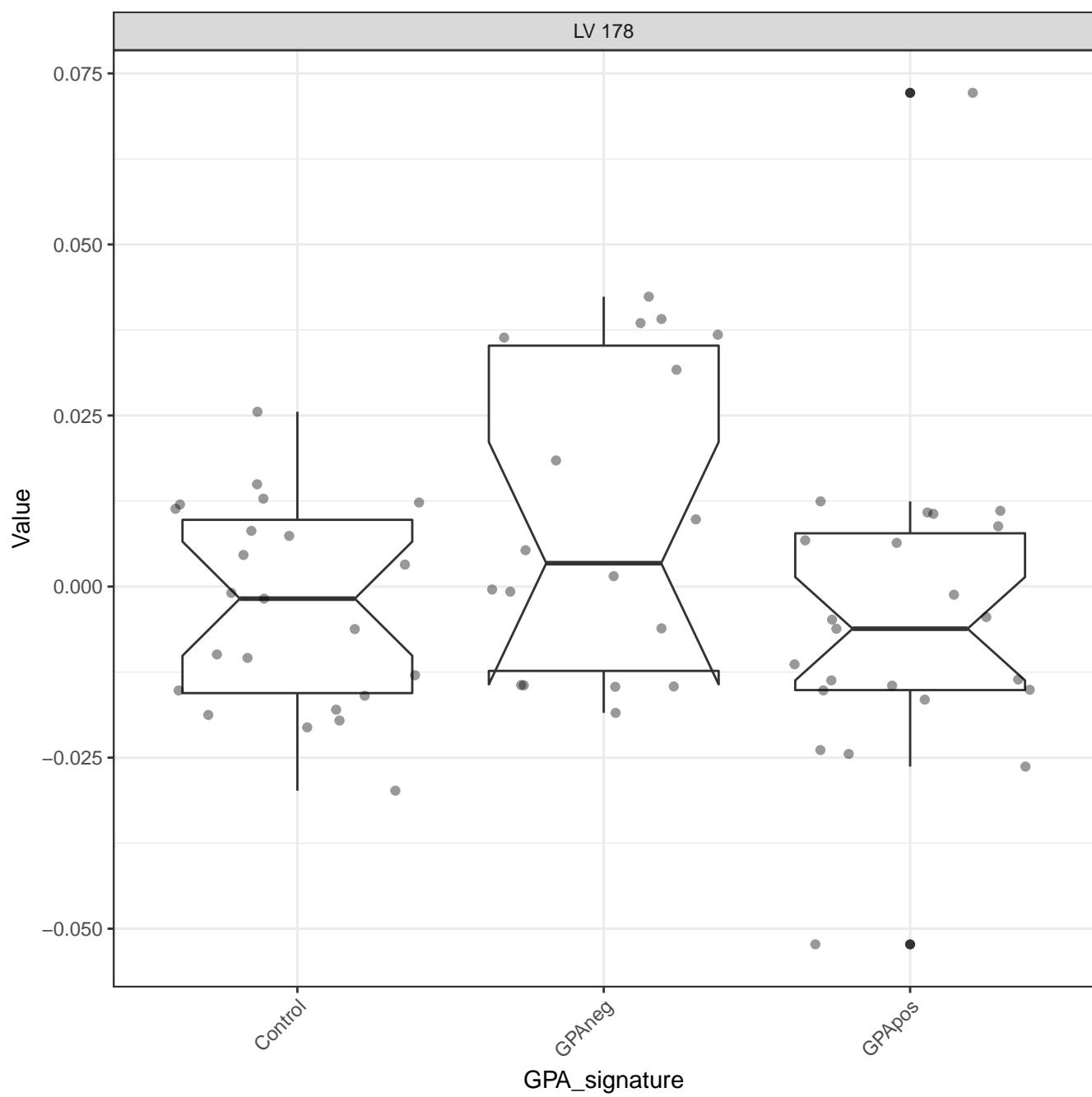
GPA_signature



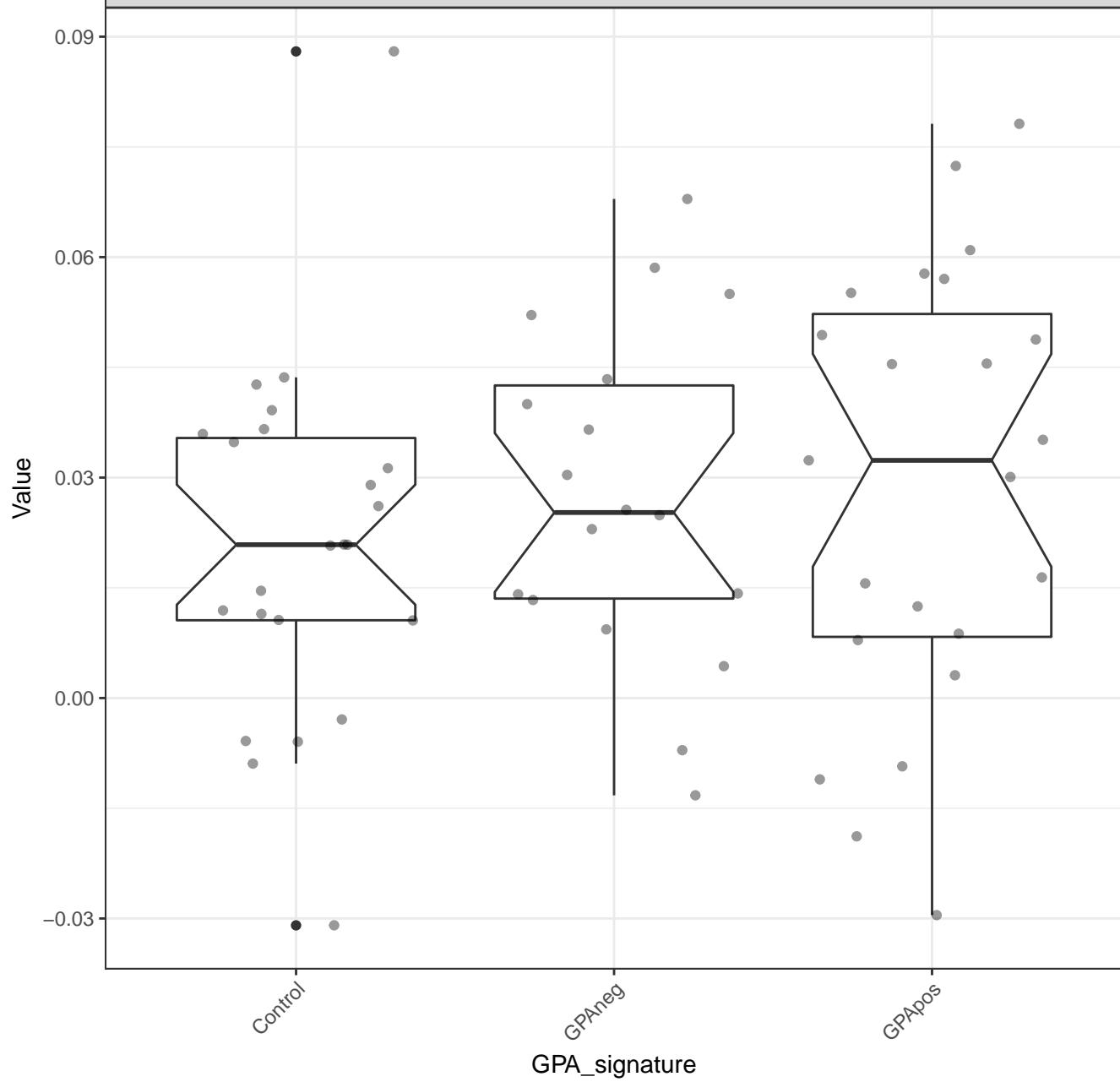
177,SIG_CHEMOTAXIS

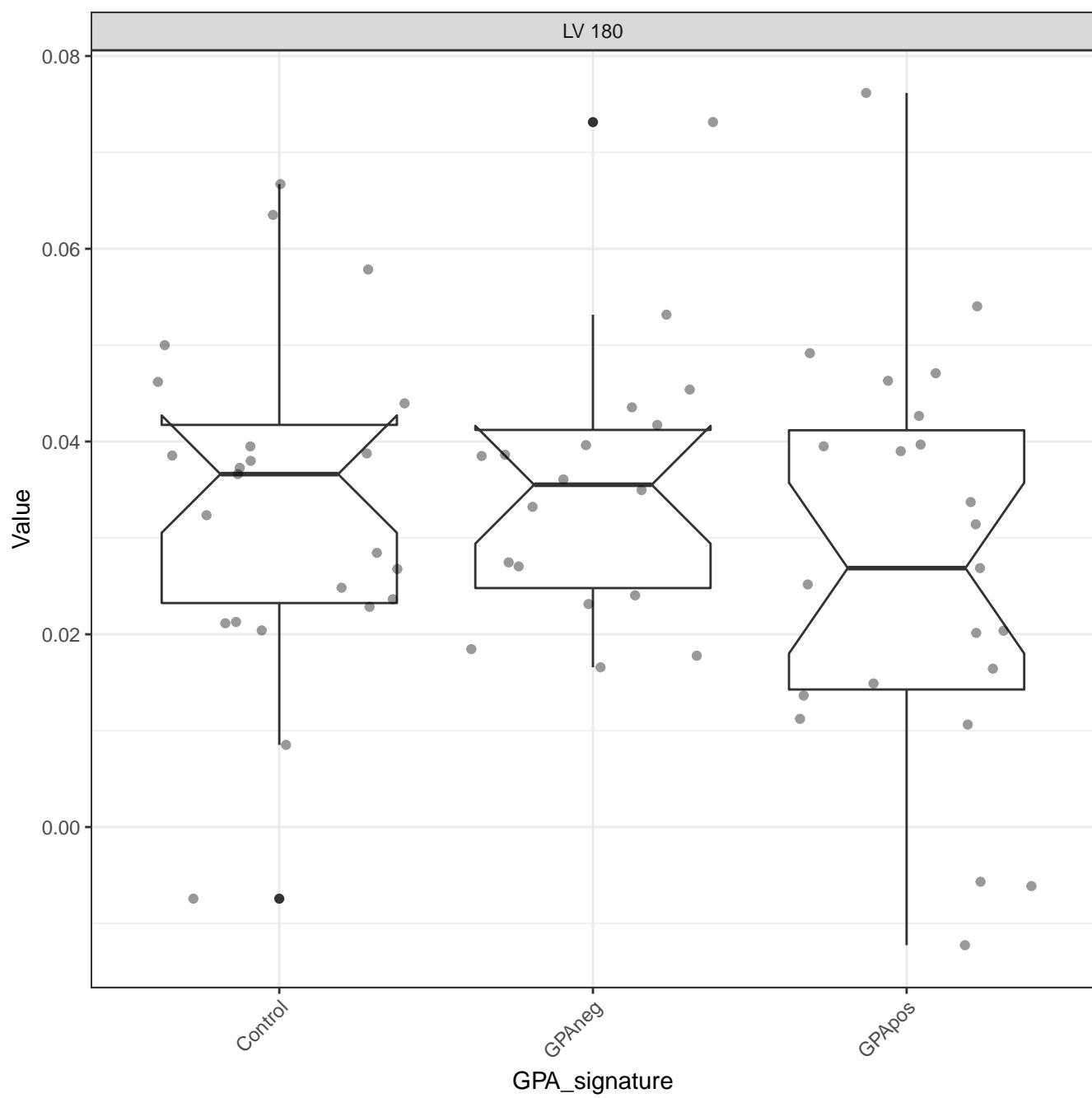


LV 178



LV 179





LV 181

Value

0.00

-0.05

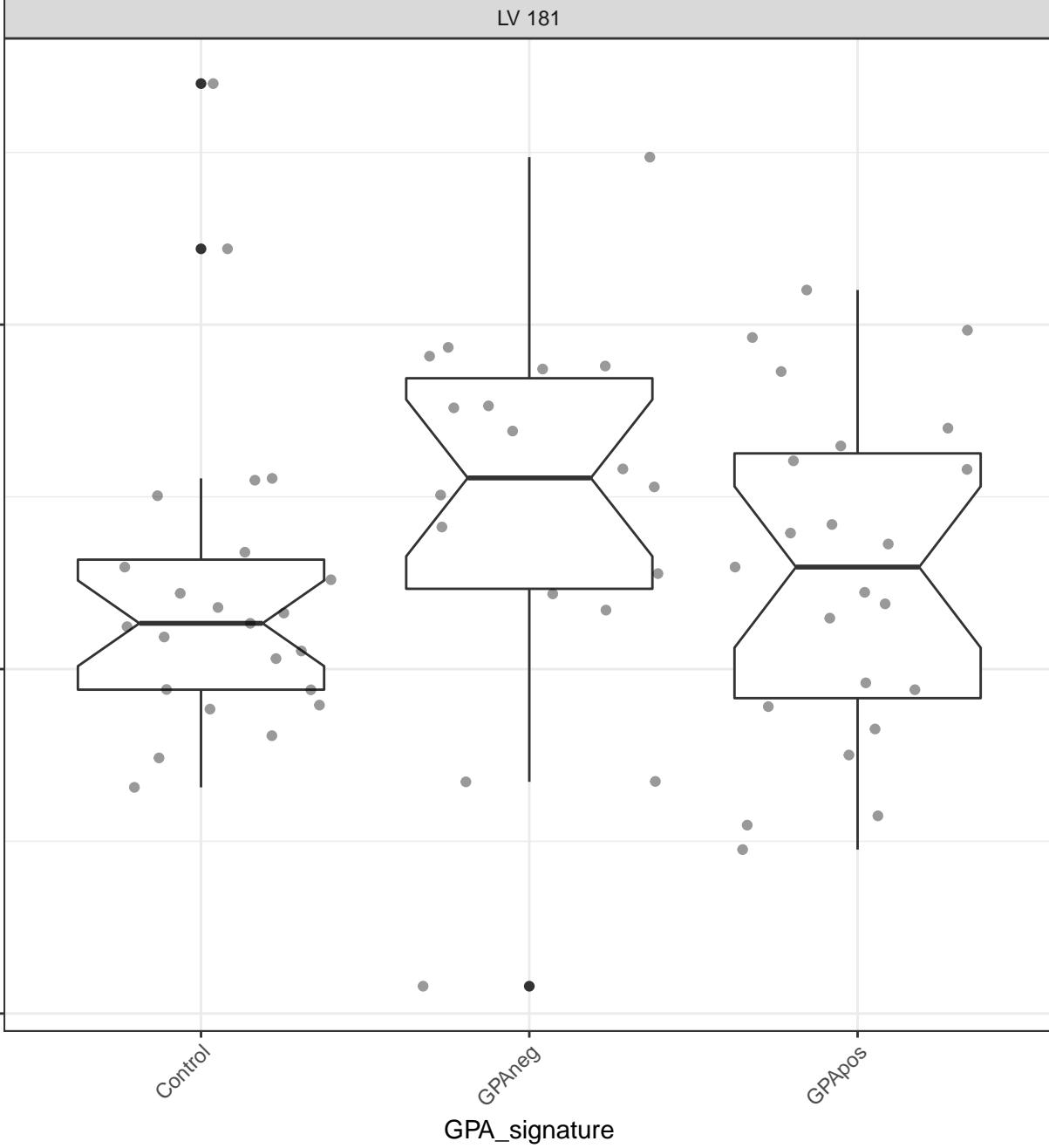
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Control

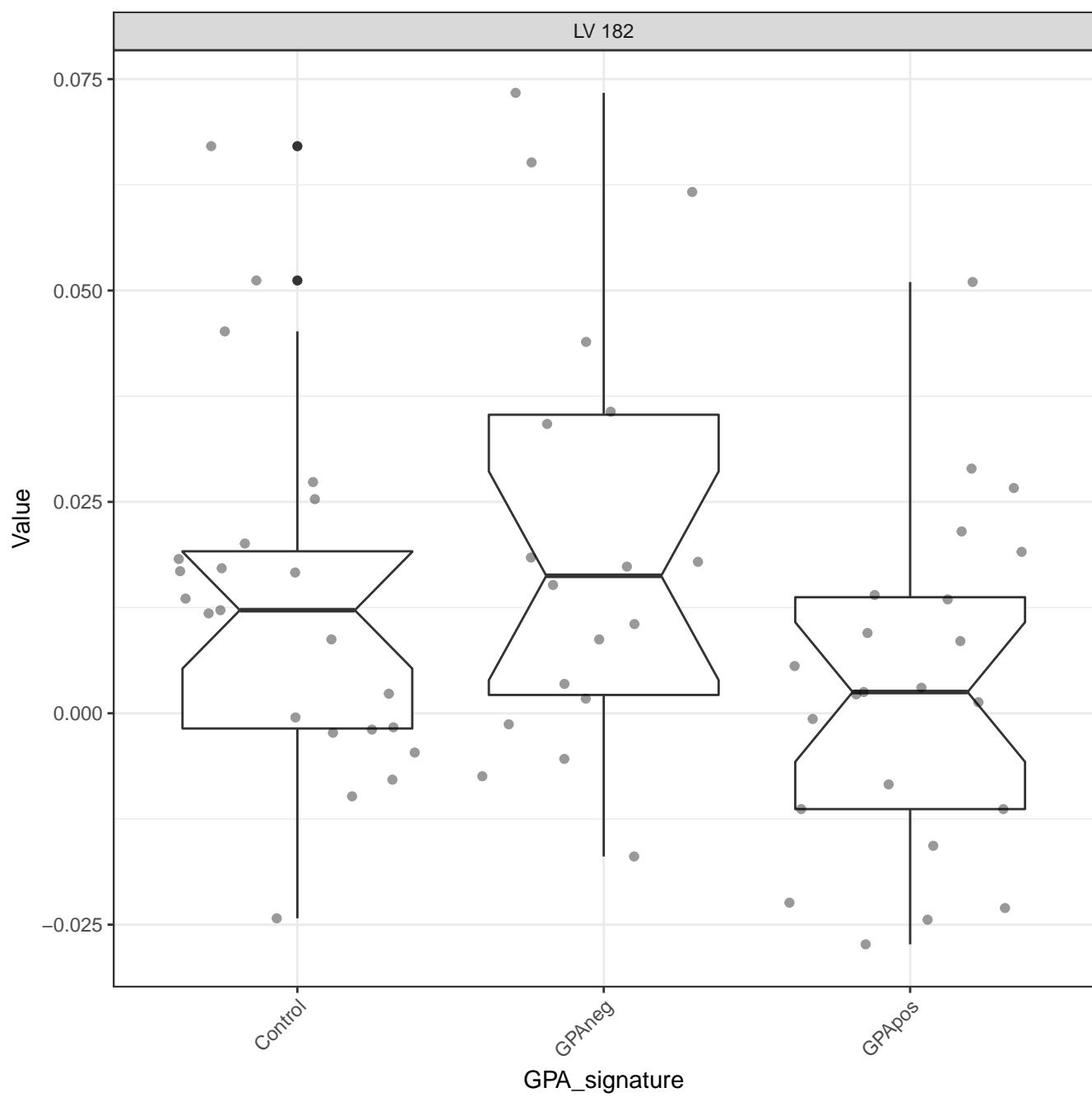
GPA_signature

GPAneg

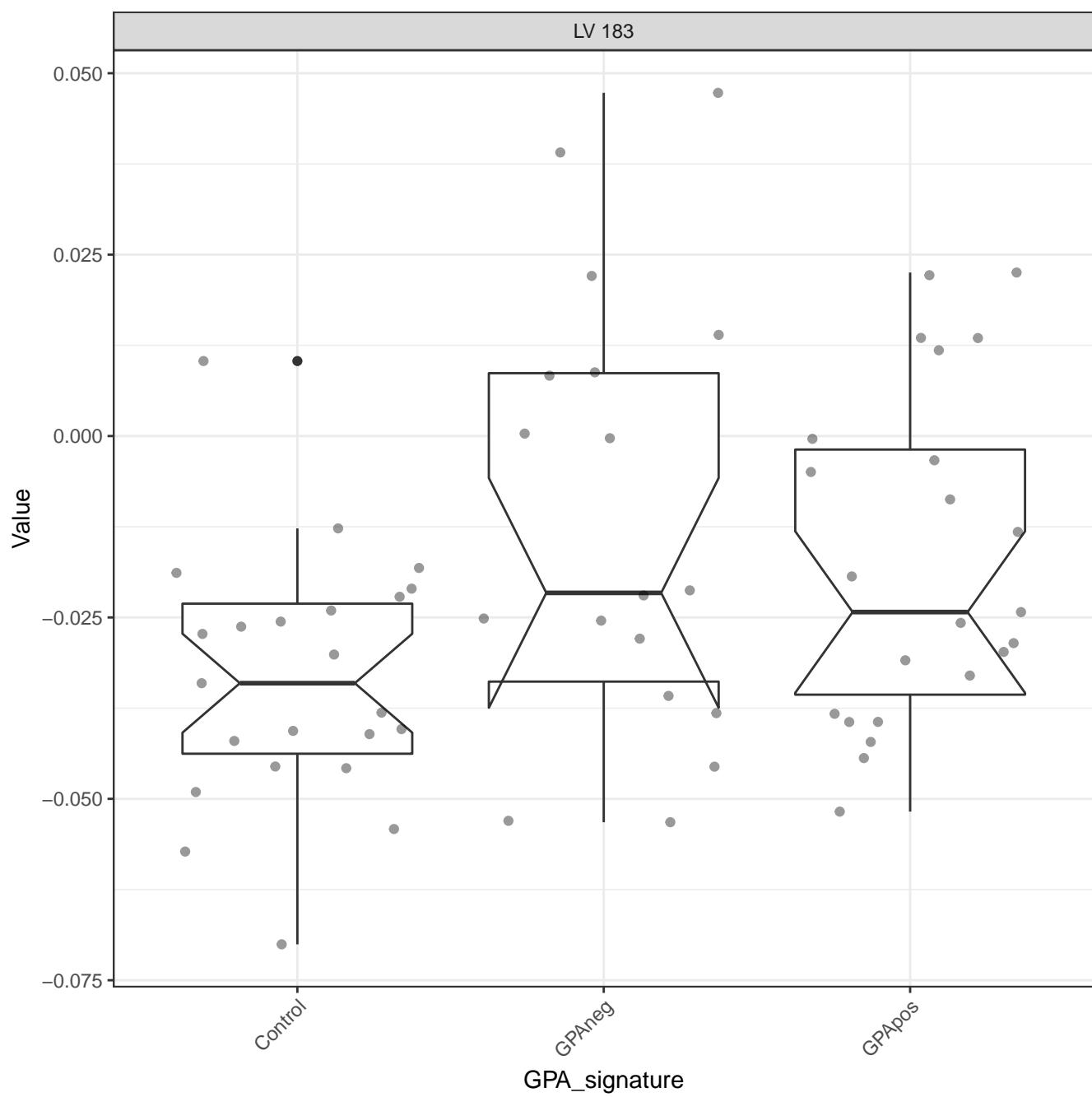
GPAPos



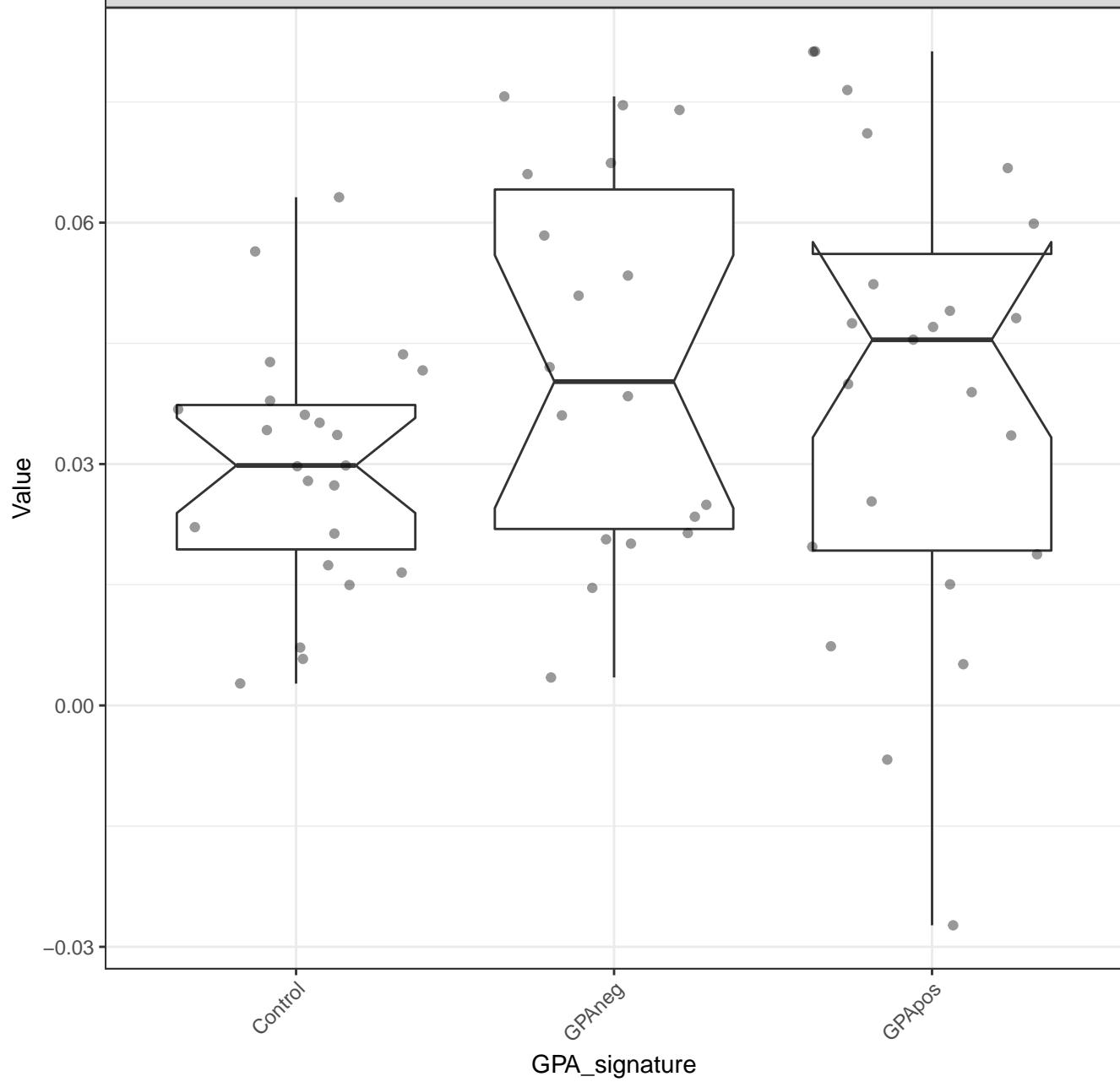
LV 182



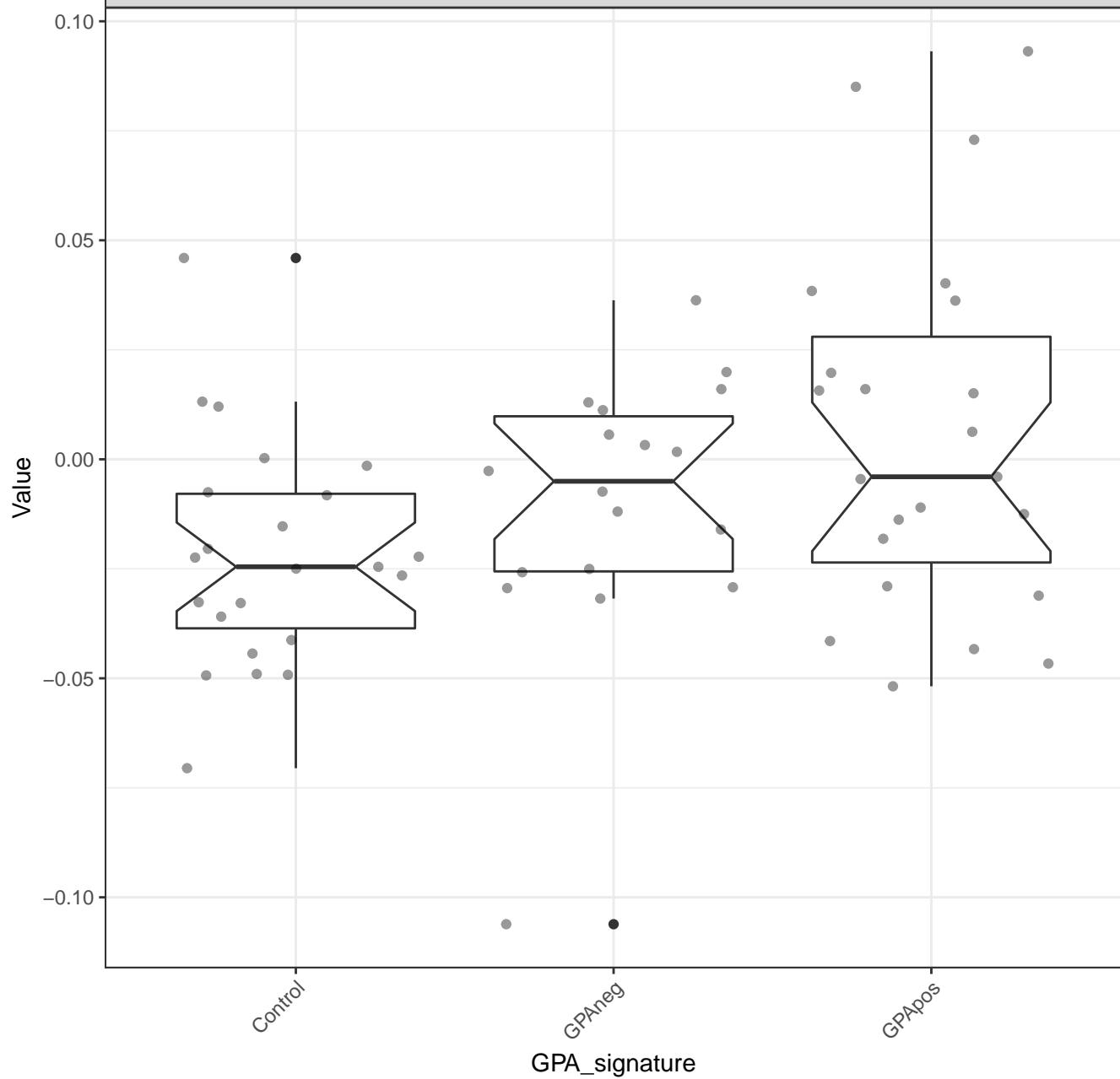
LV 183

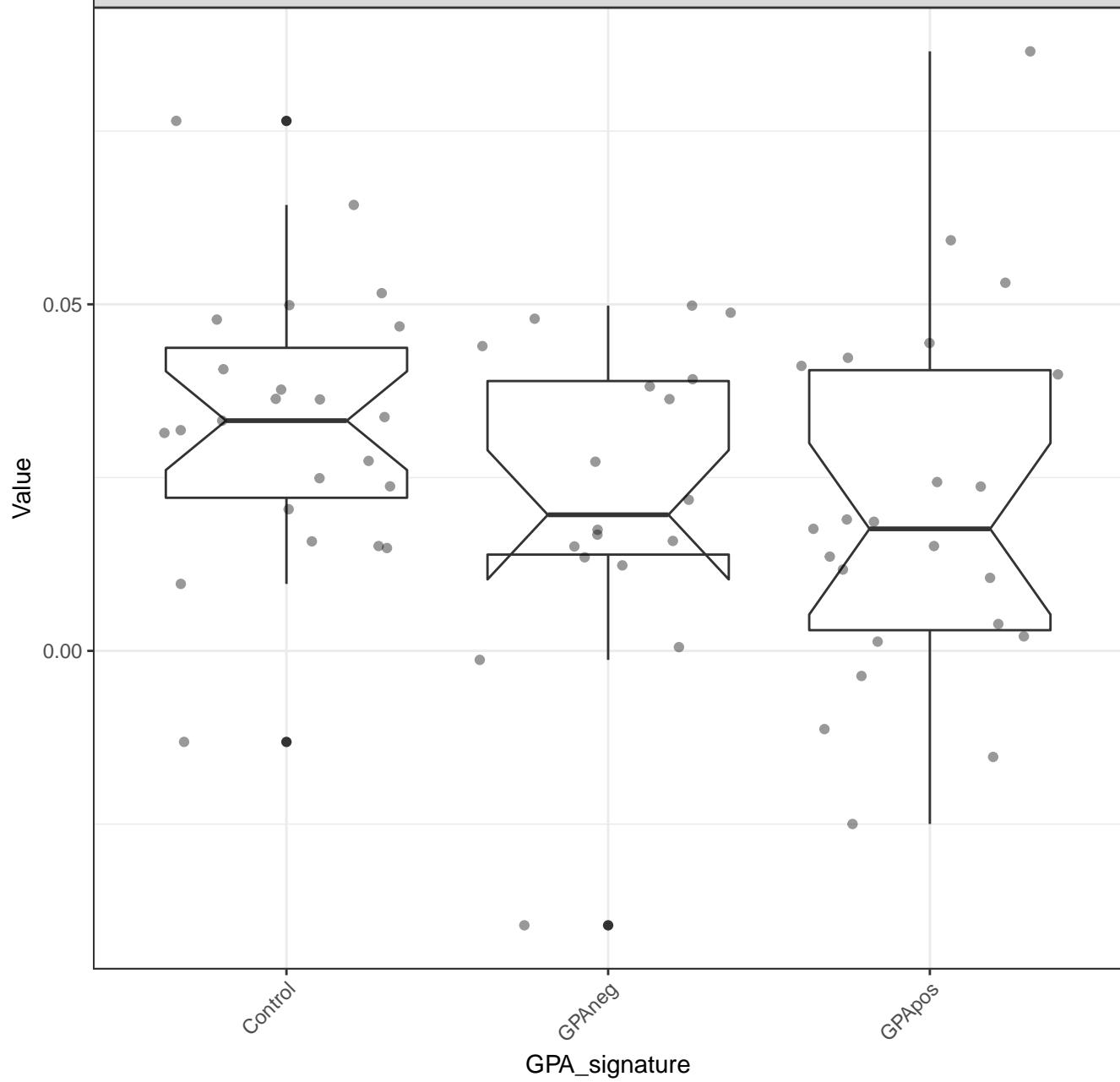


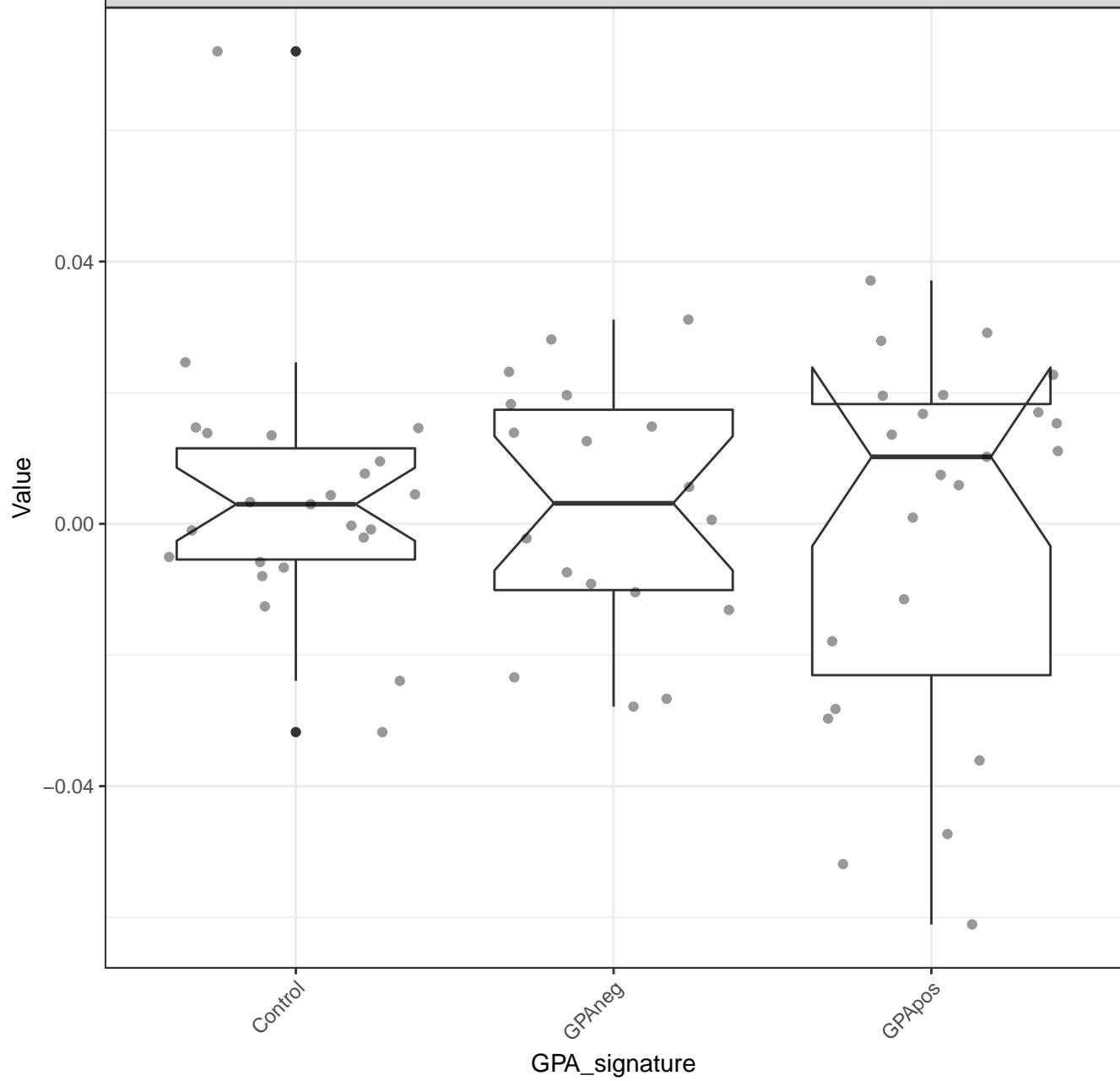
LV 184



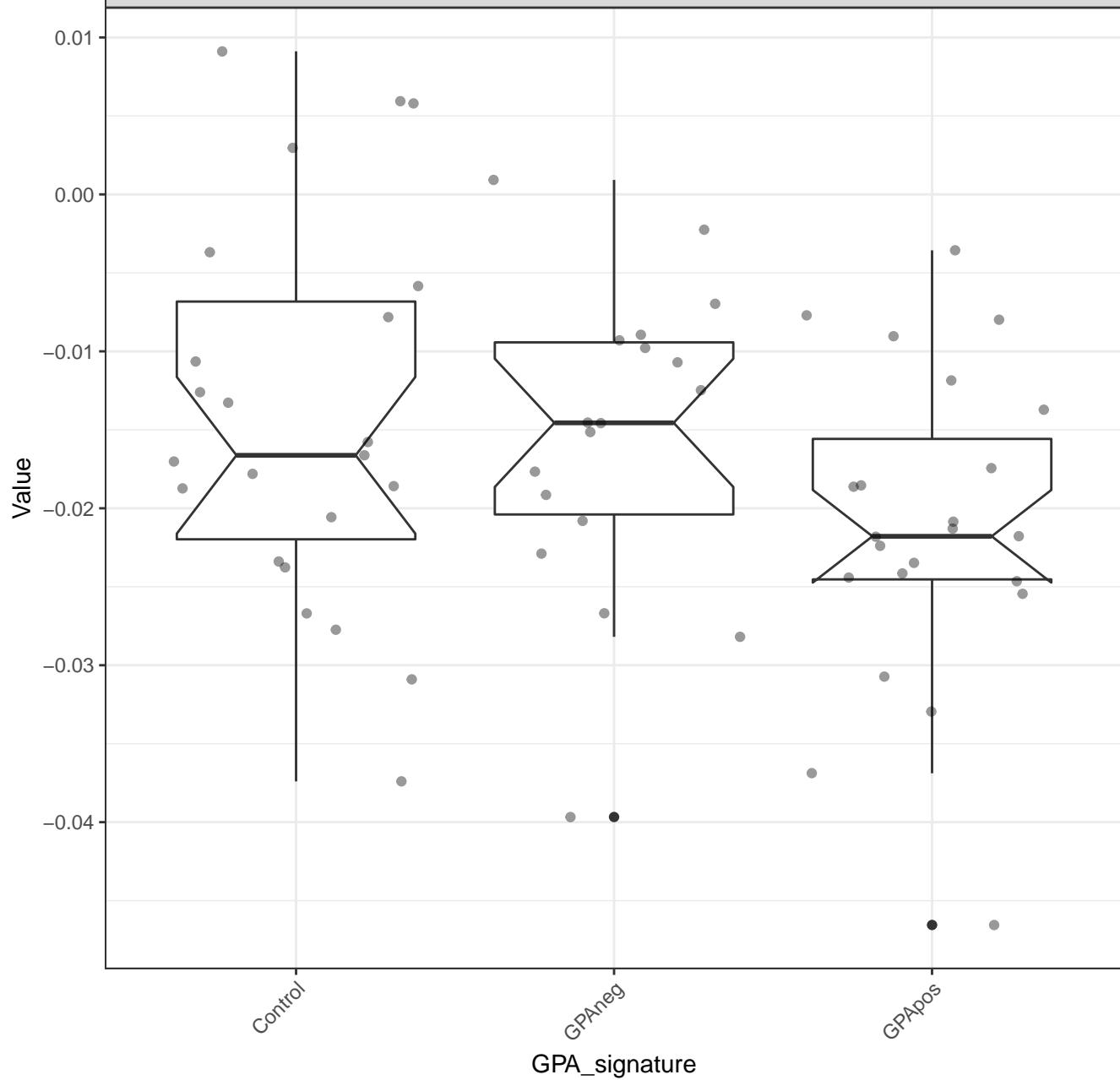
LV 185







LV 188



LV 189

Value

0.05

0.00

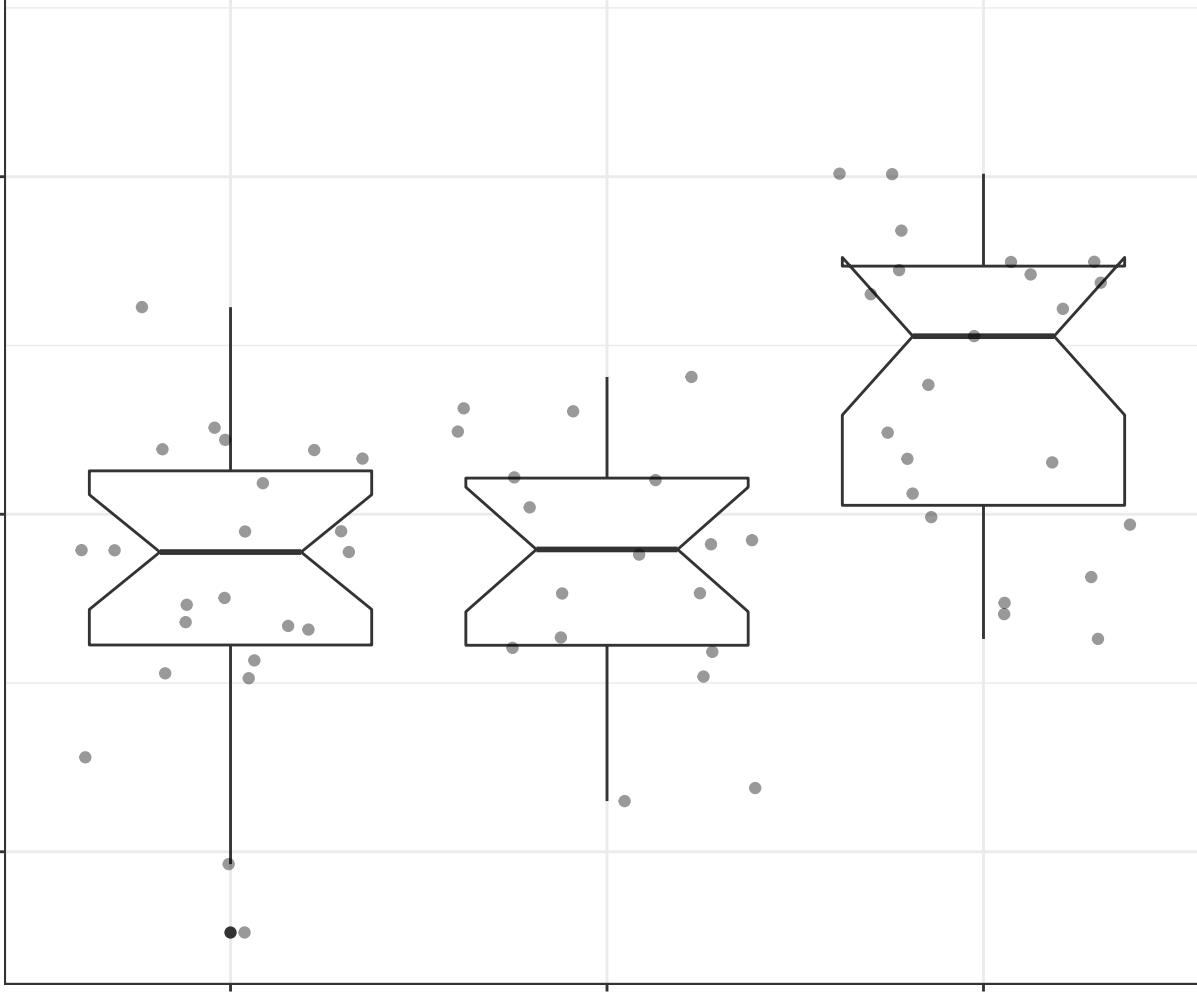
-0.05

Control

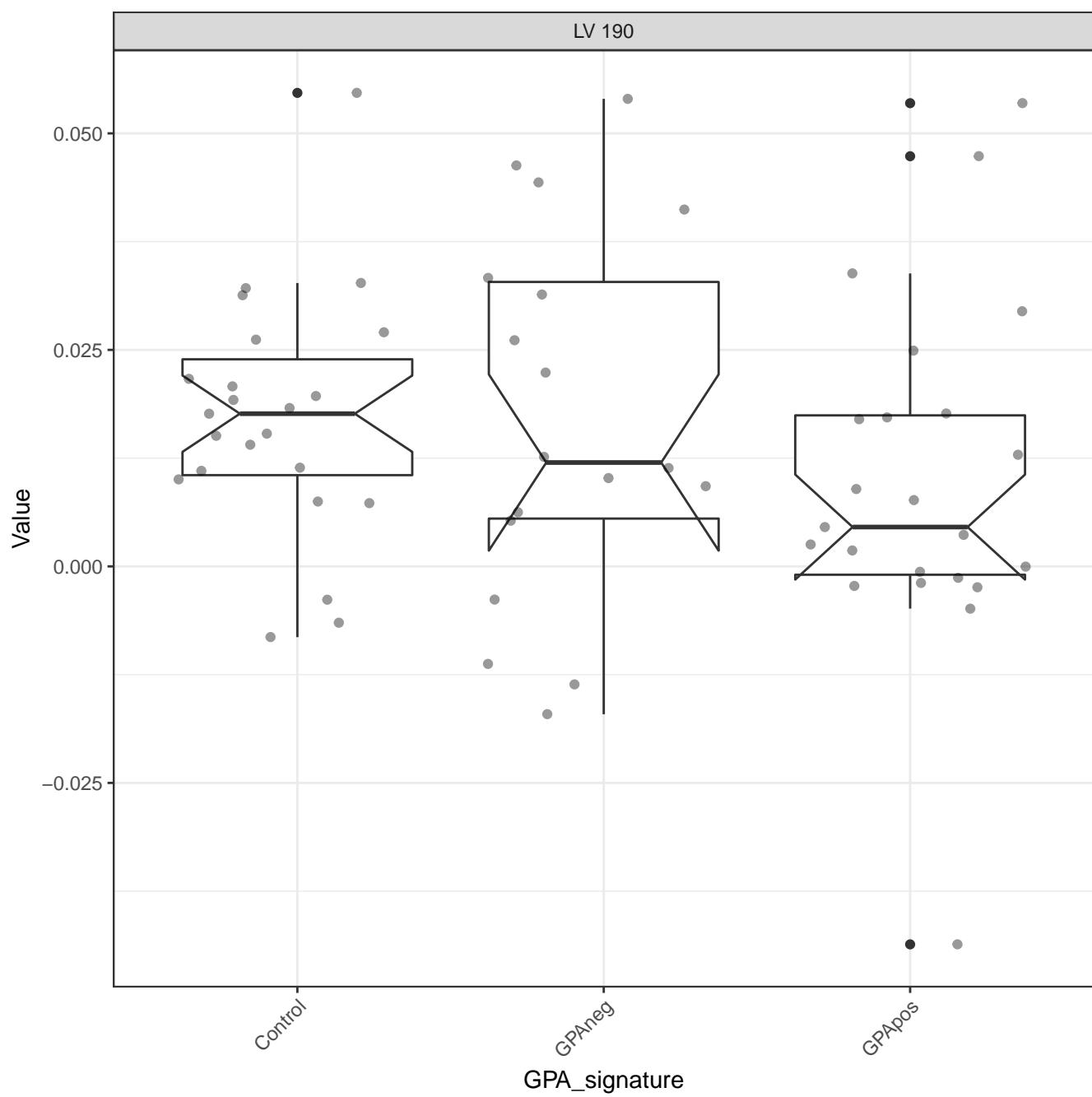
GPAneg

GPApos

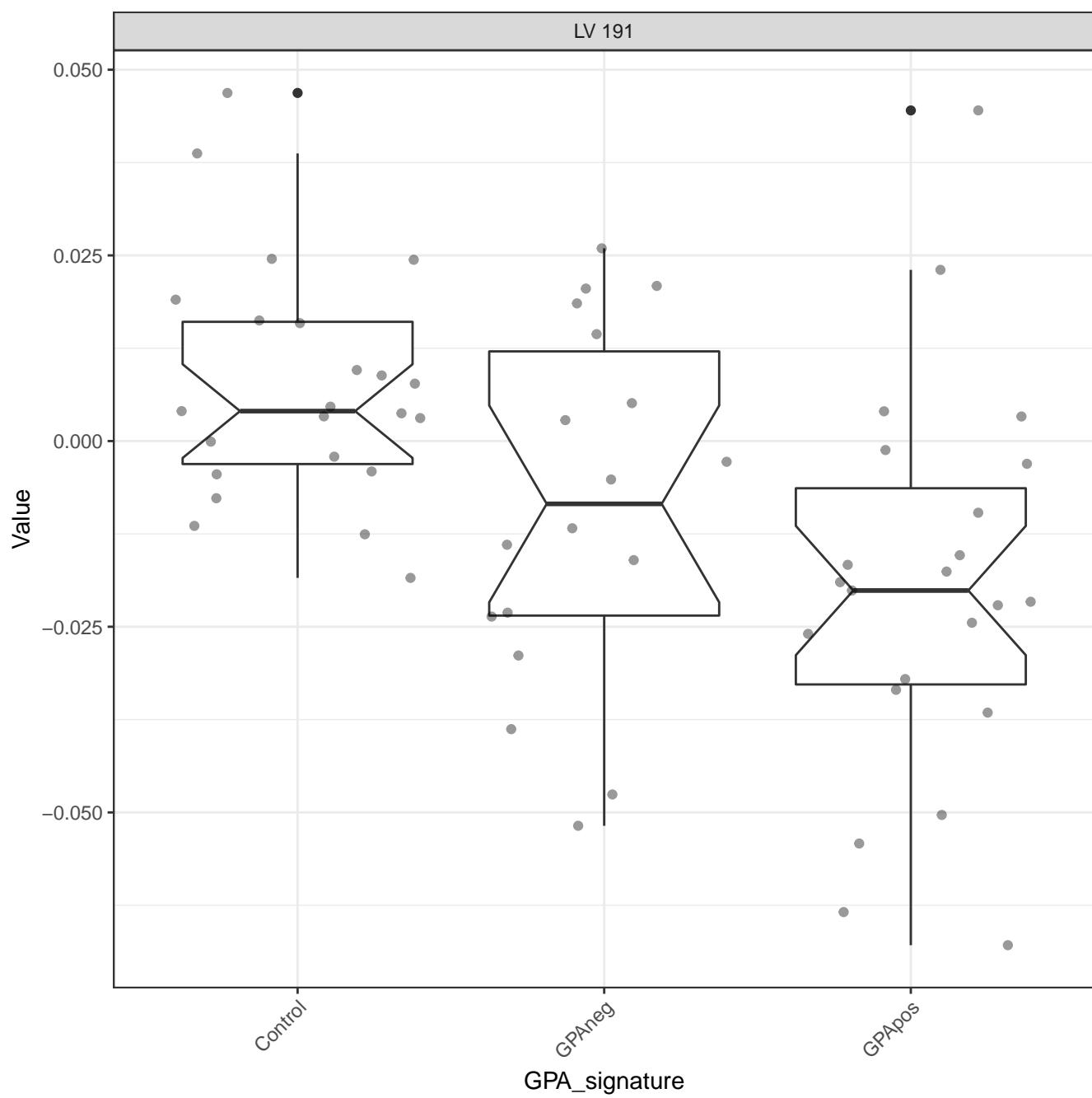
GPA_signature



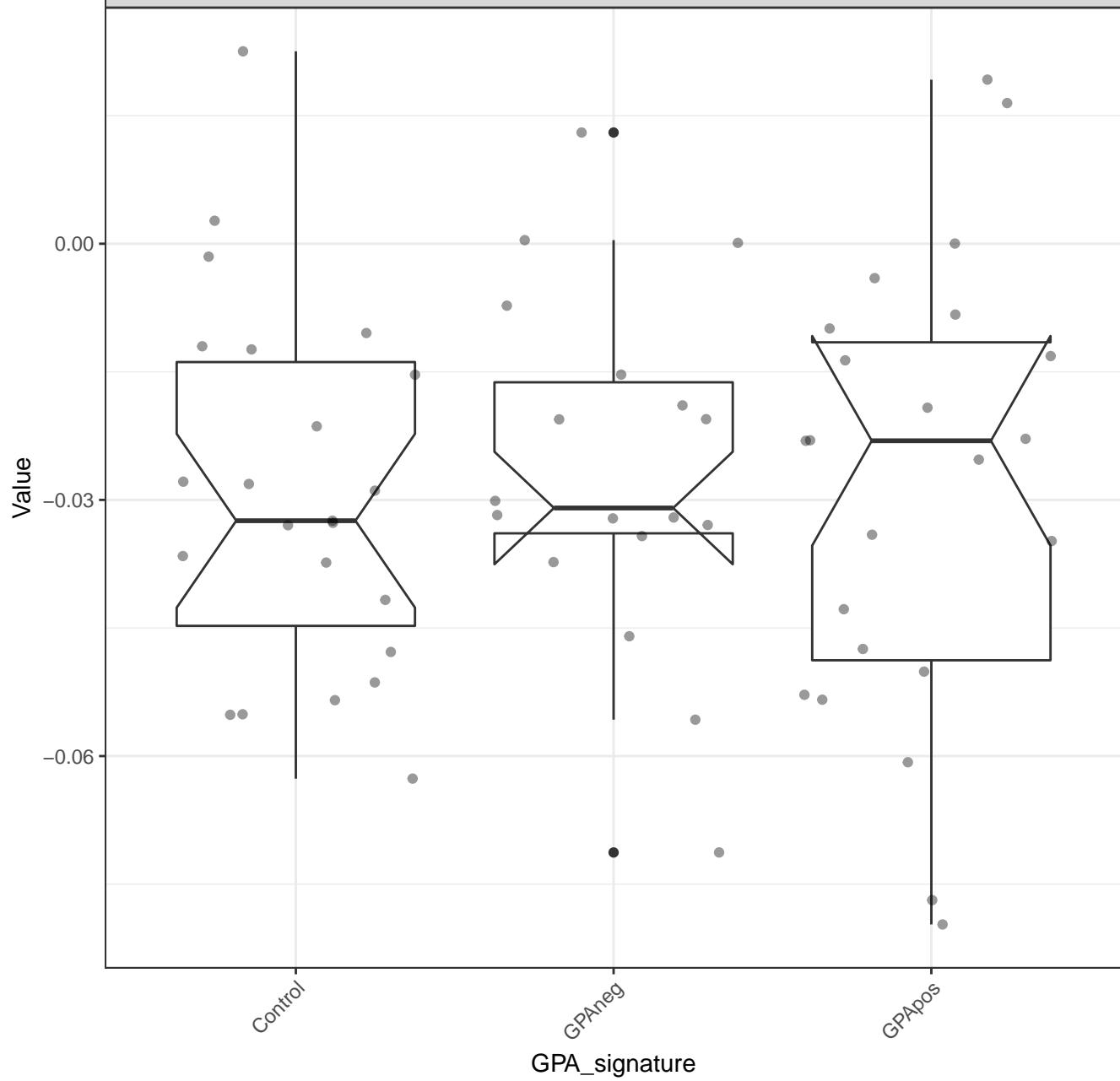
LV 190



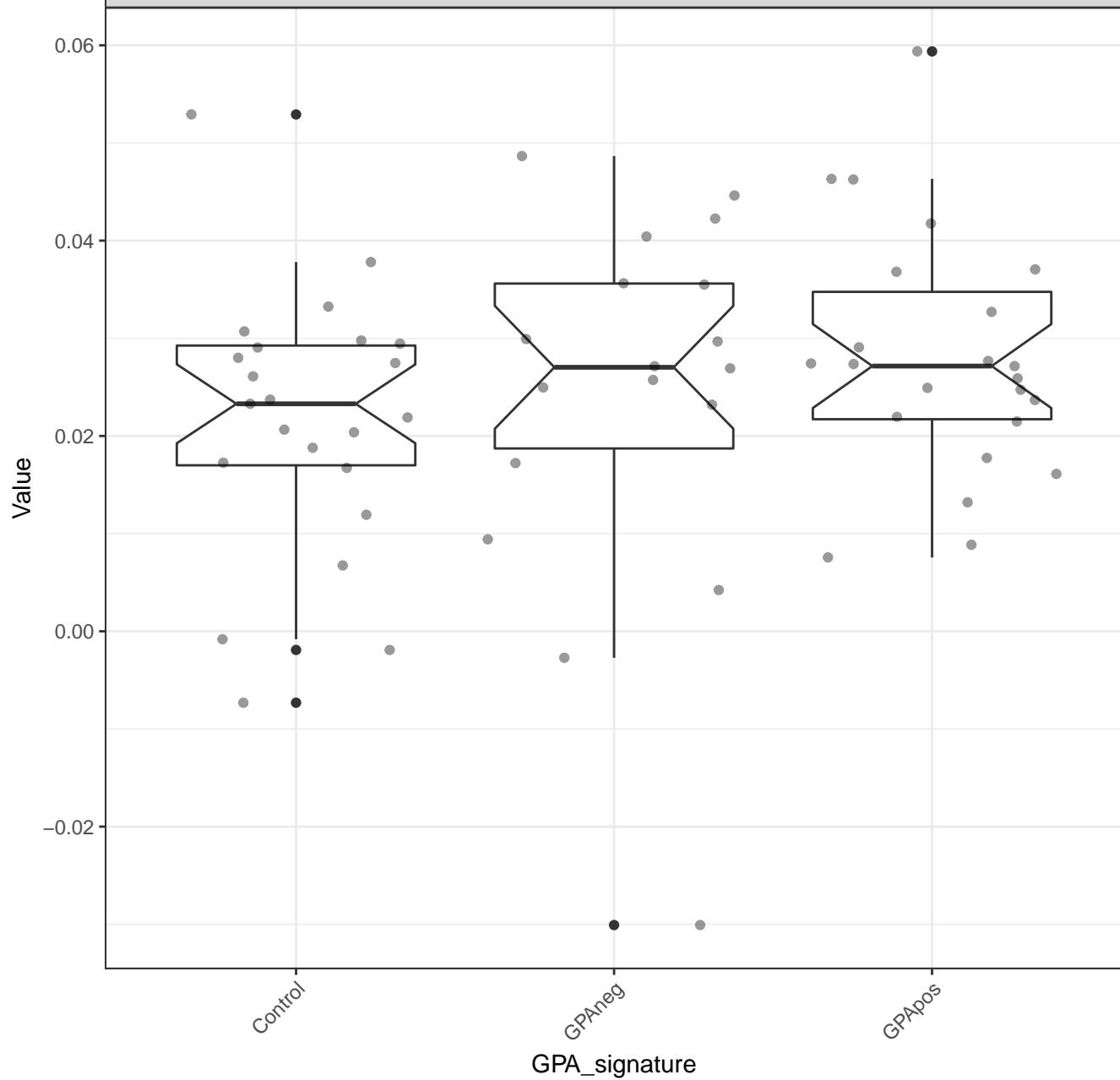
LV 191



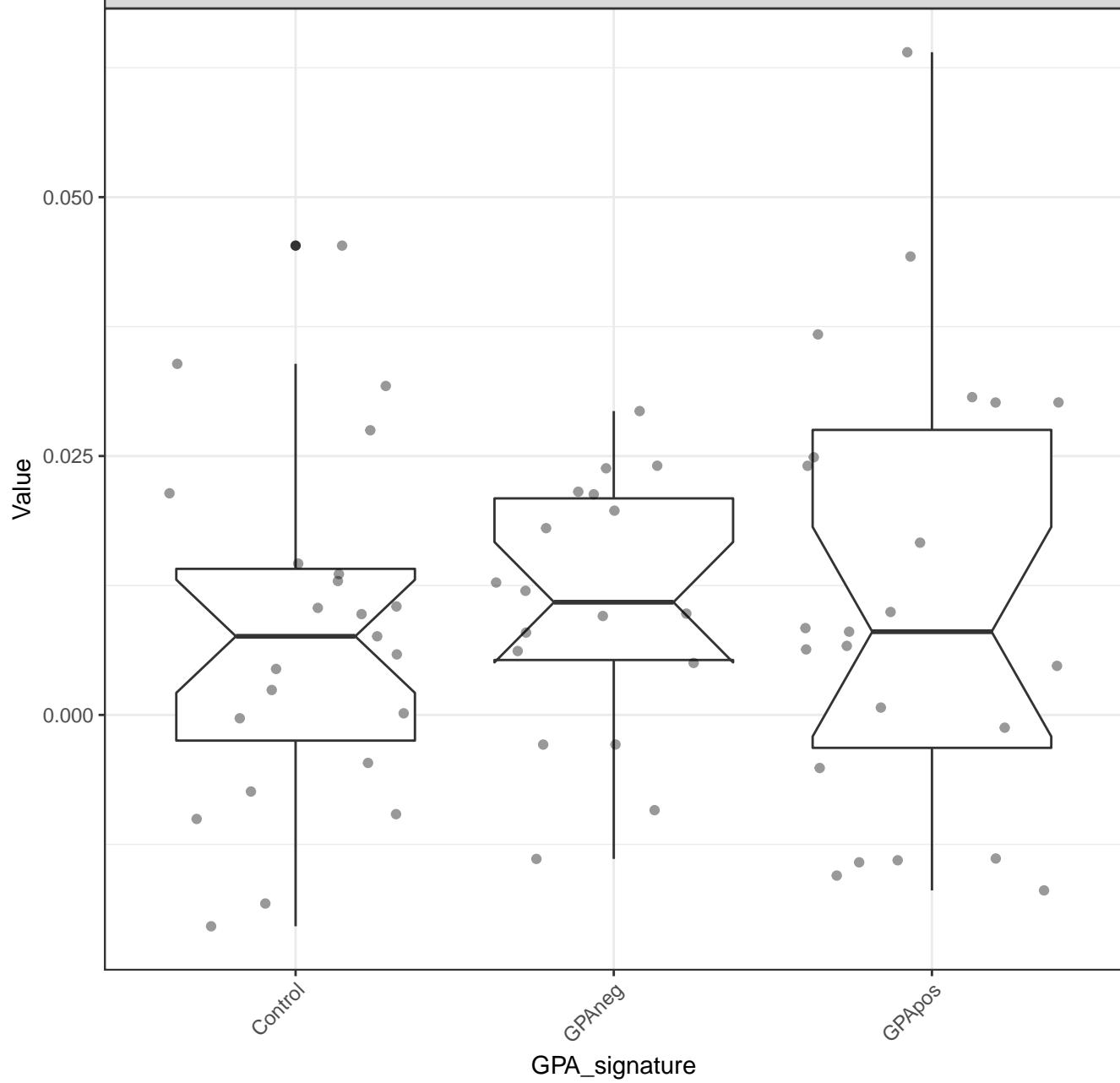
LV 192



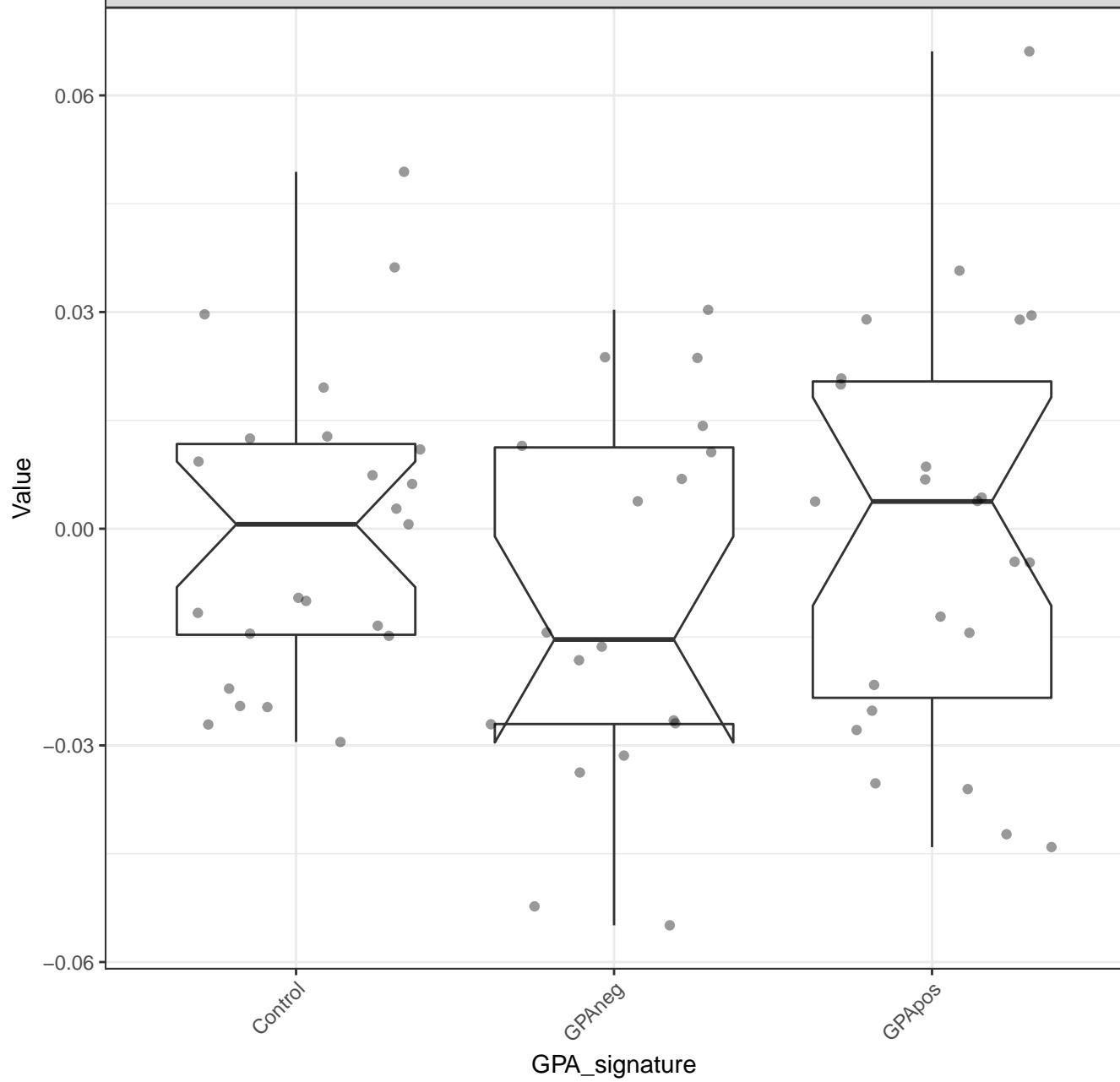
LV 193



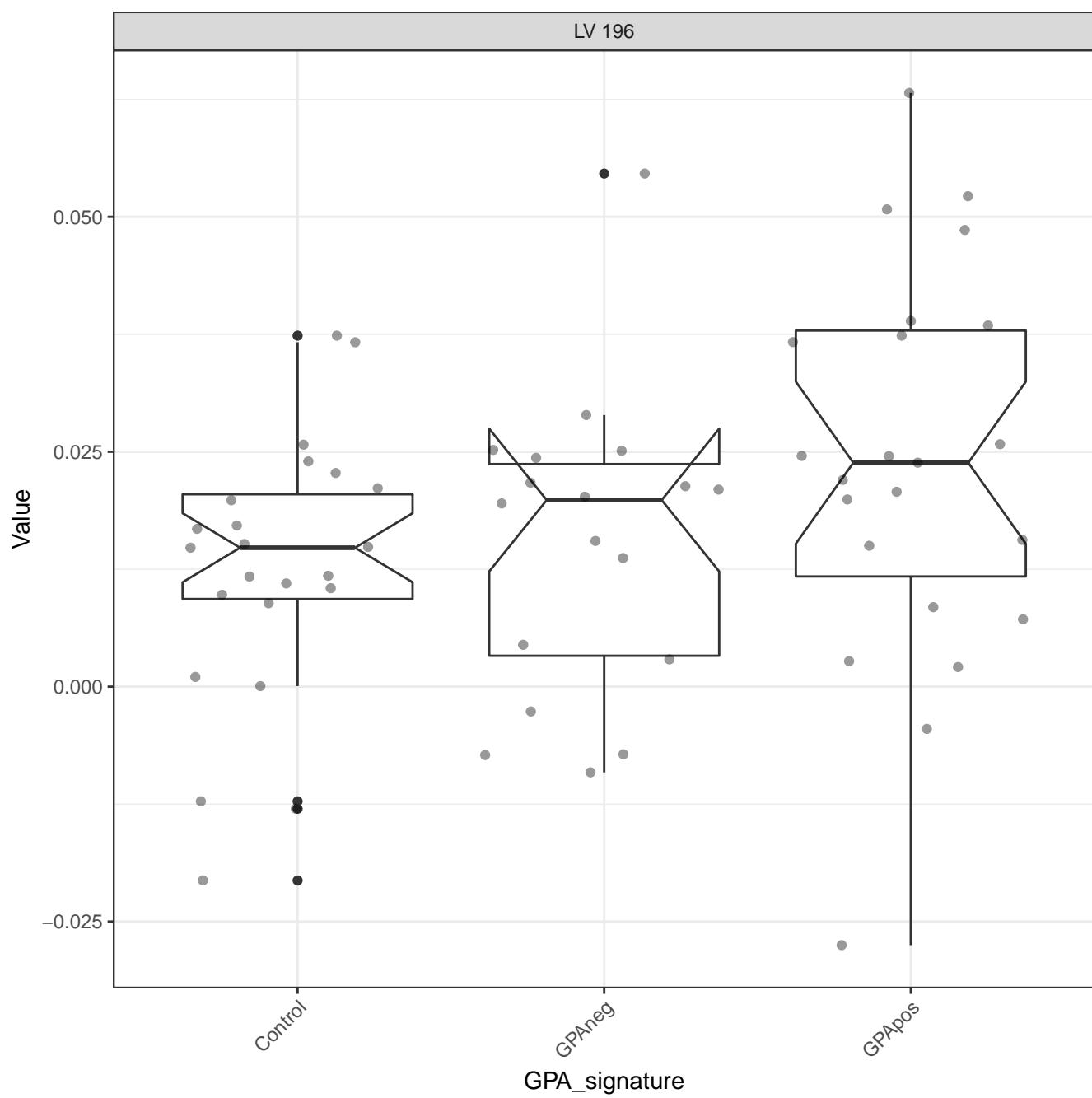
LV 194



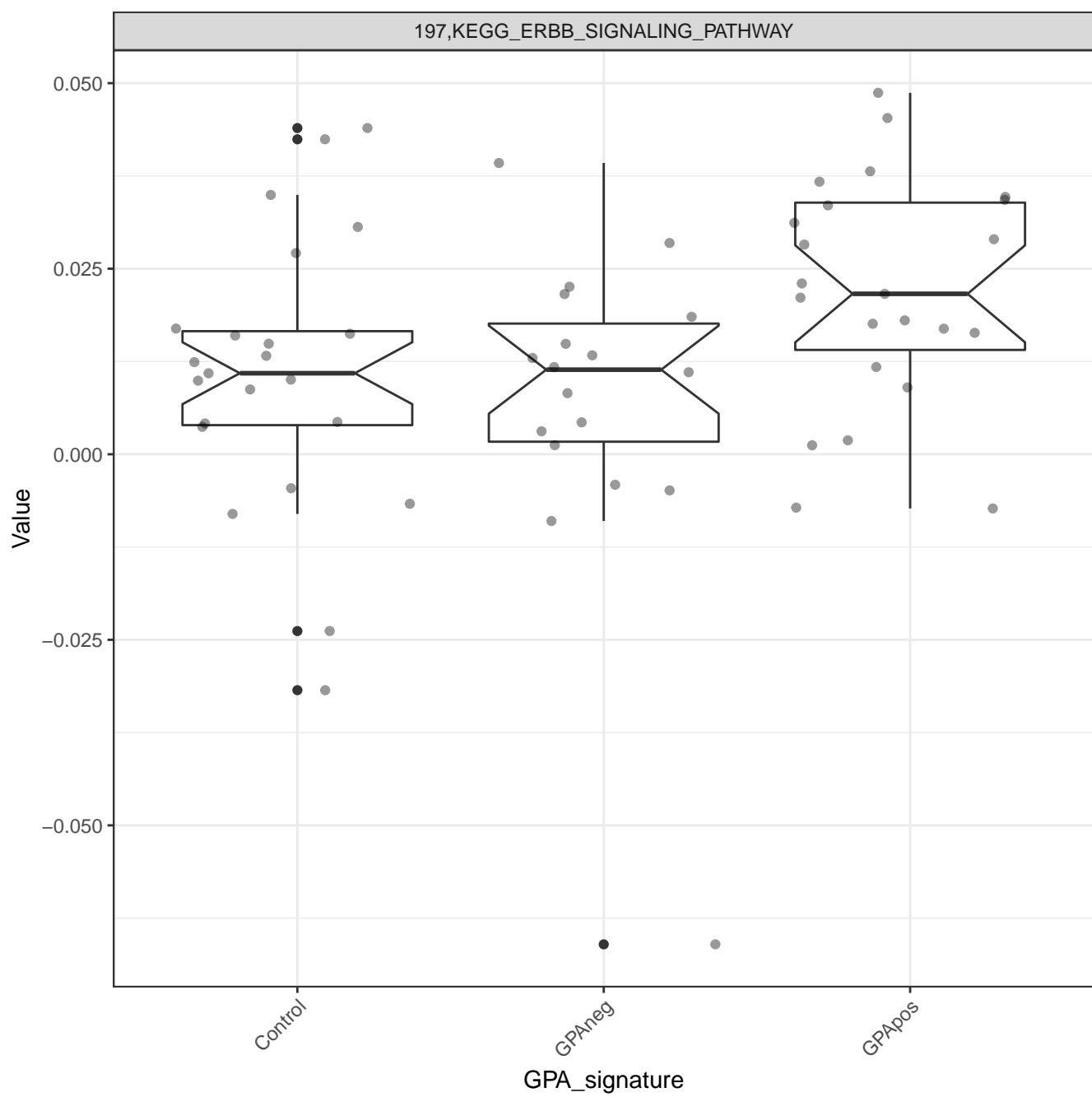
LV 195



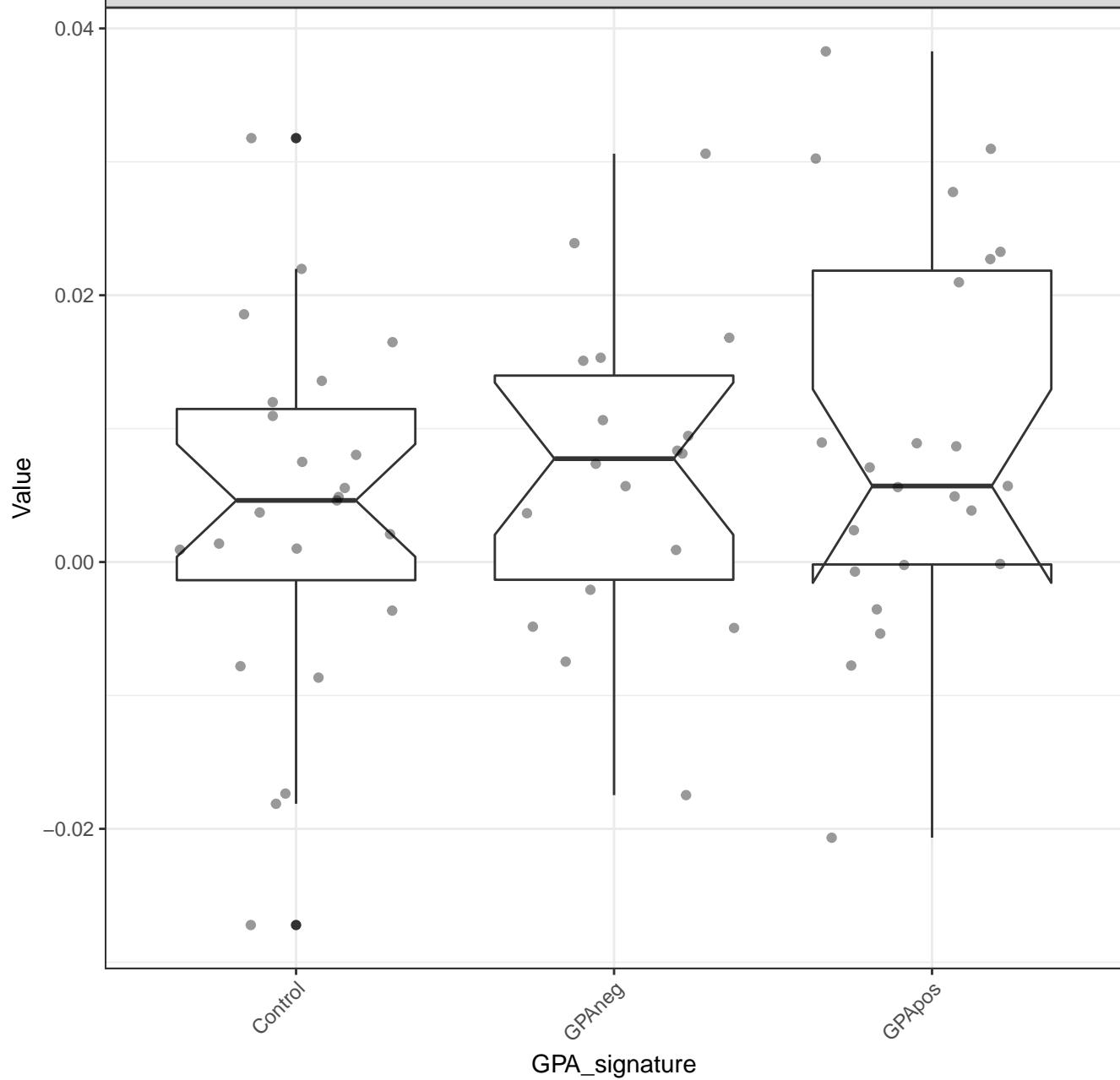
LV 196



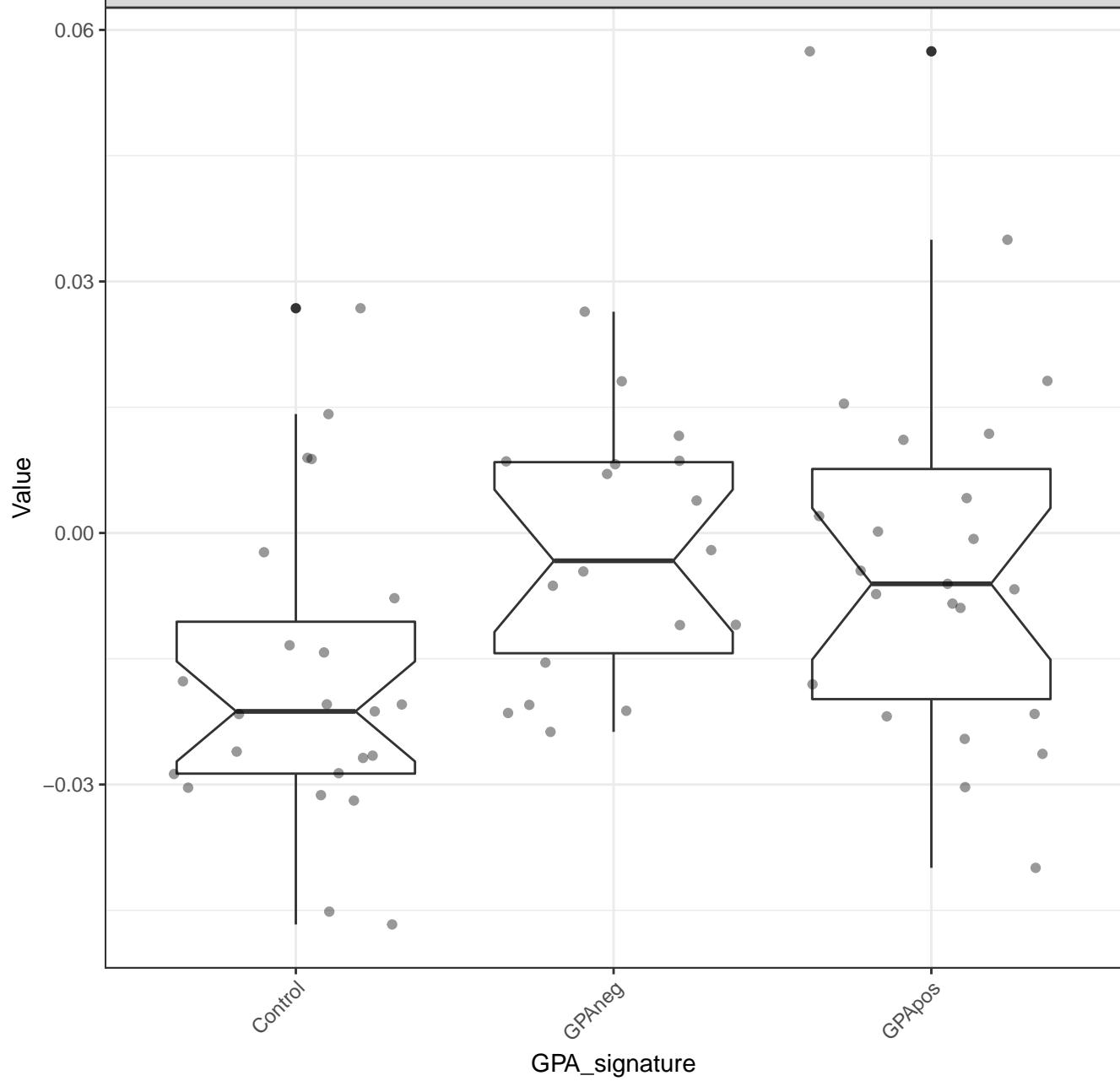
197,KEGG_ERBB_SIGNALING_PATHWAY

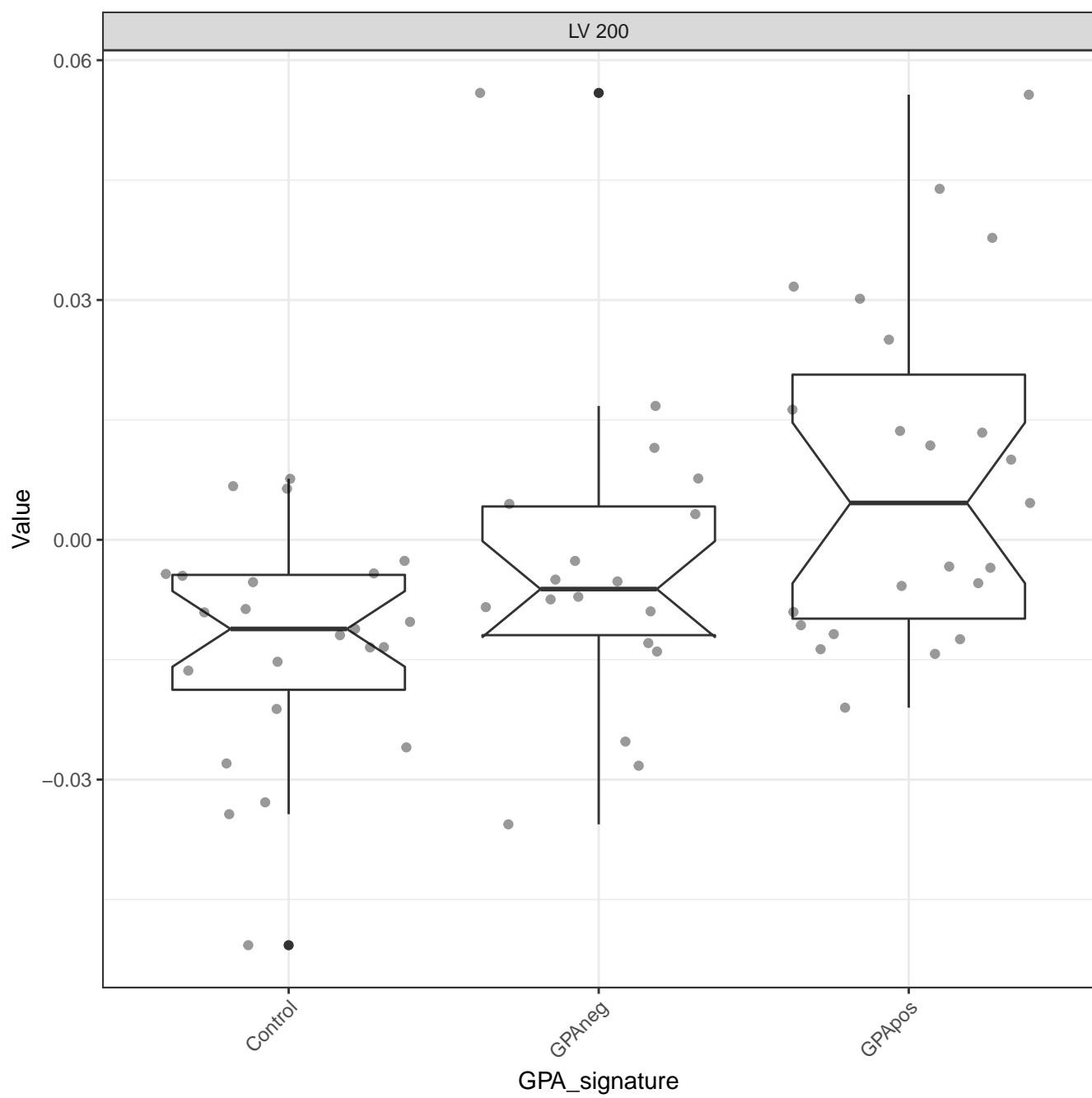


LV 198

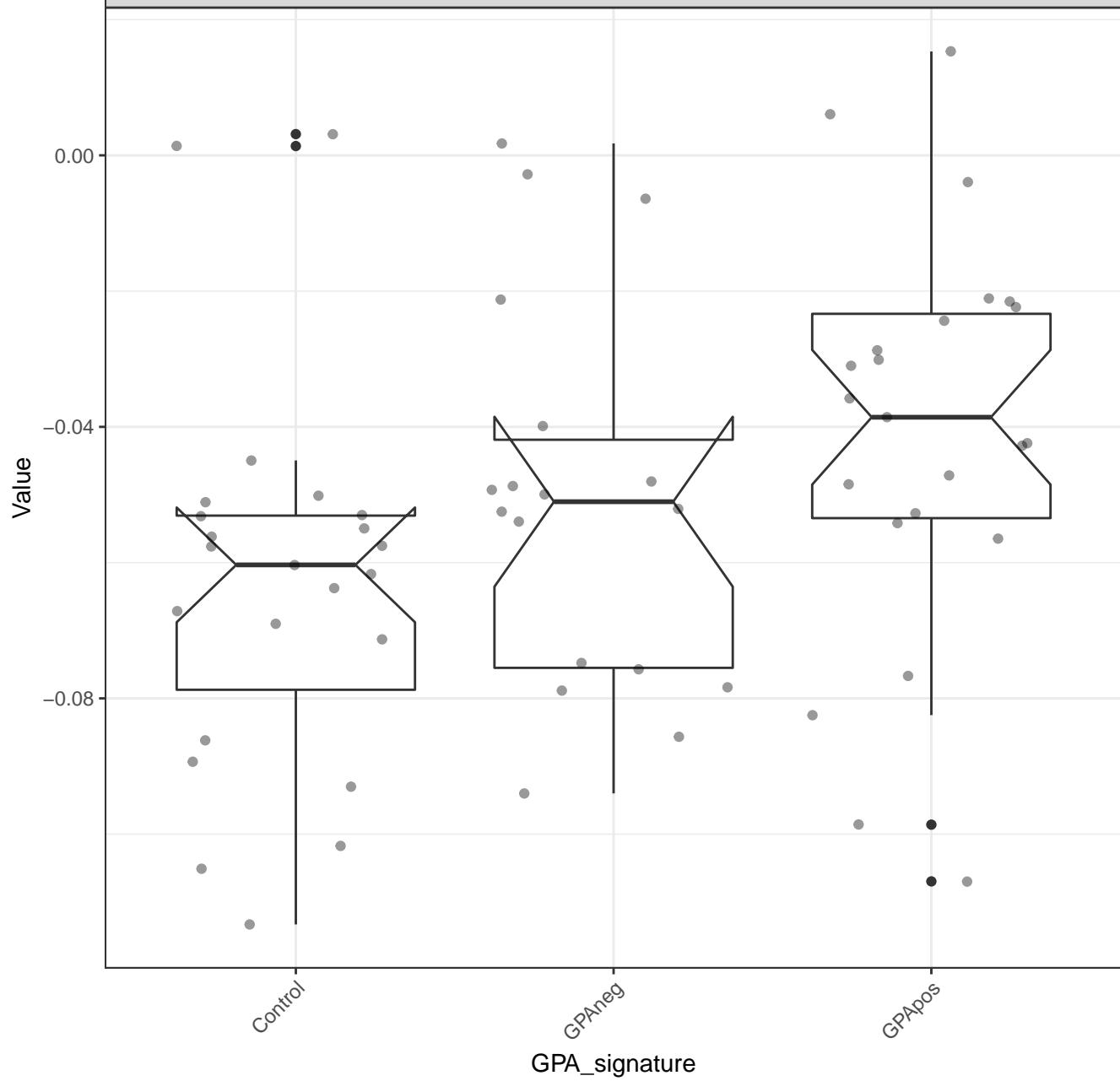


LV 199

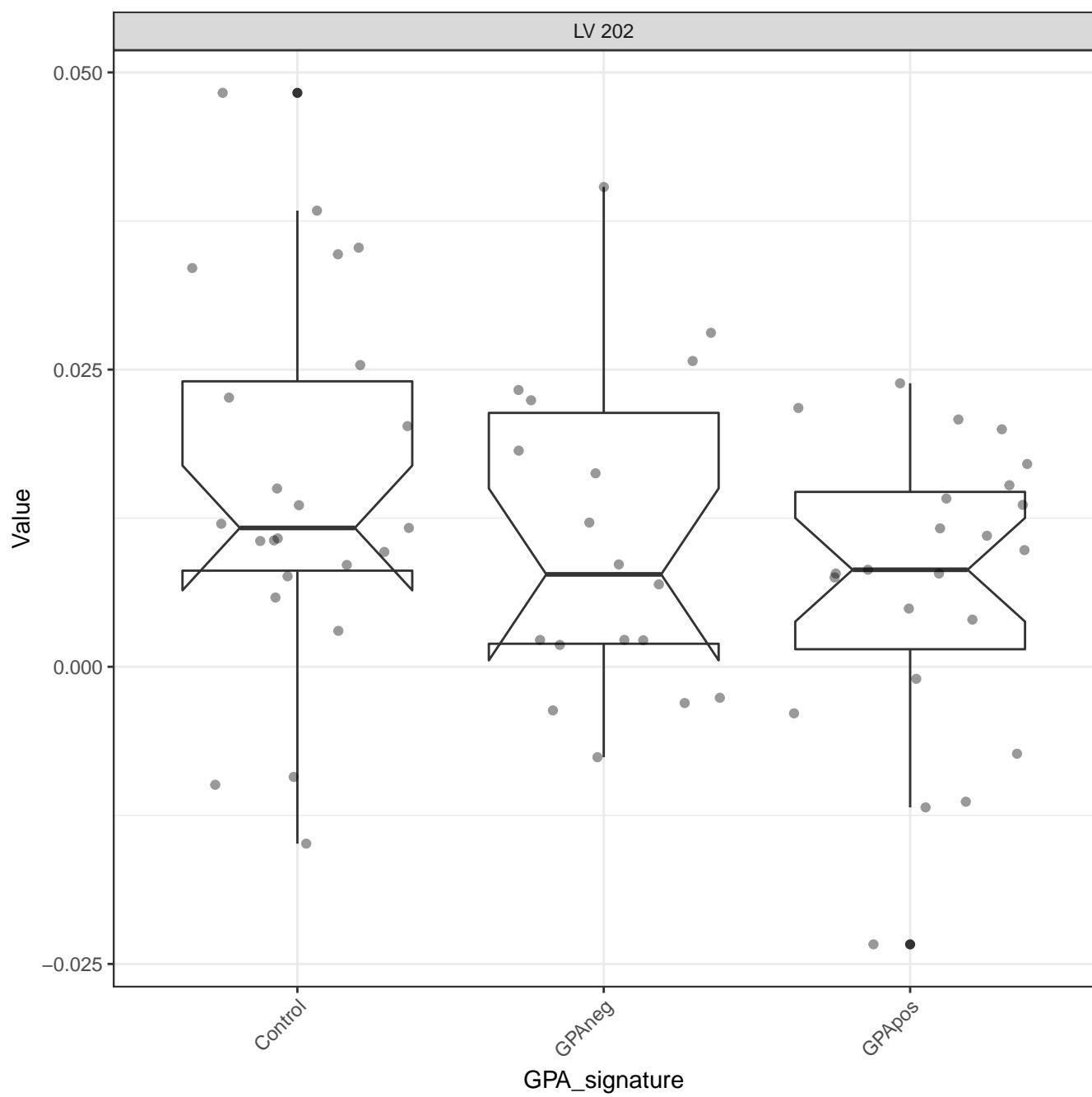




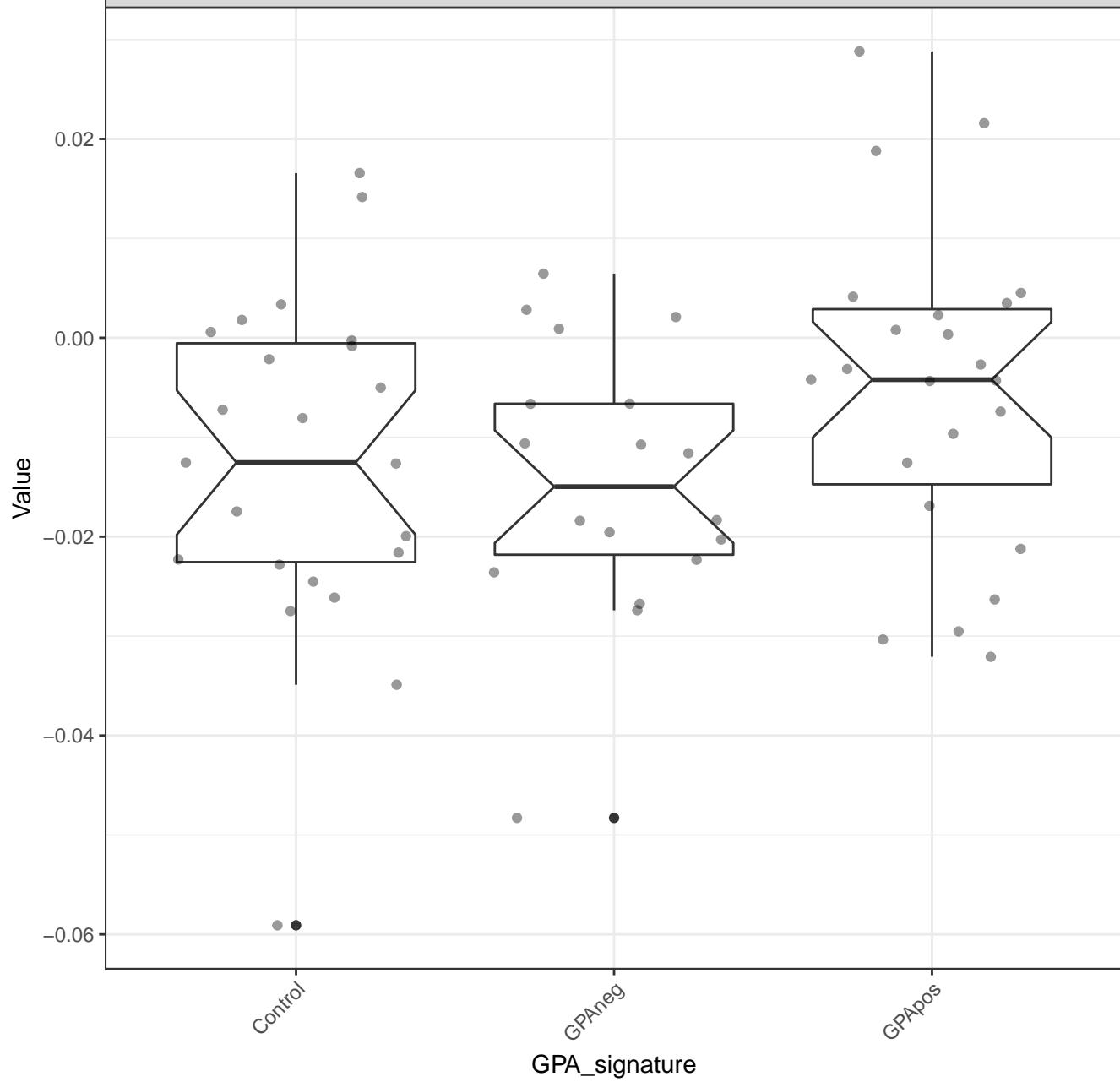
201,MIPS_MEDIATOR_COMPLEX



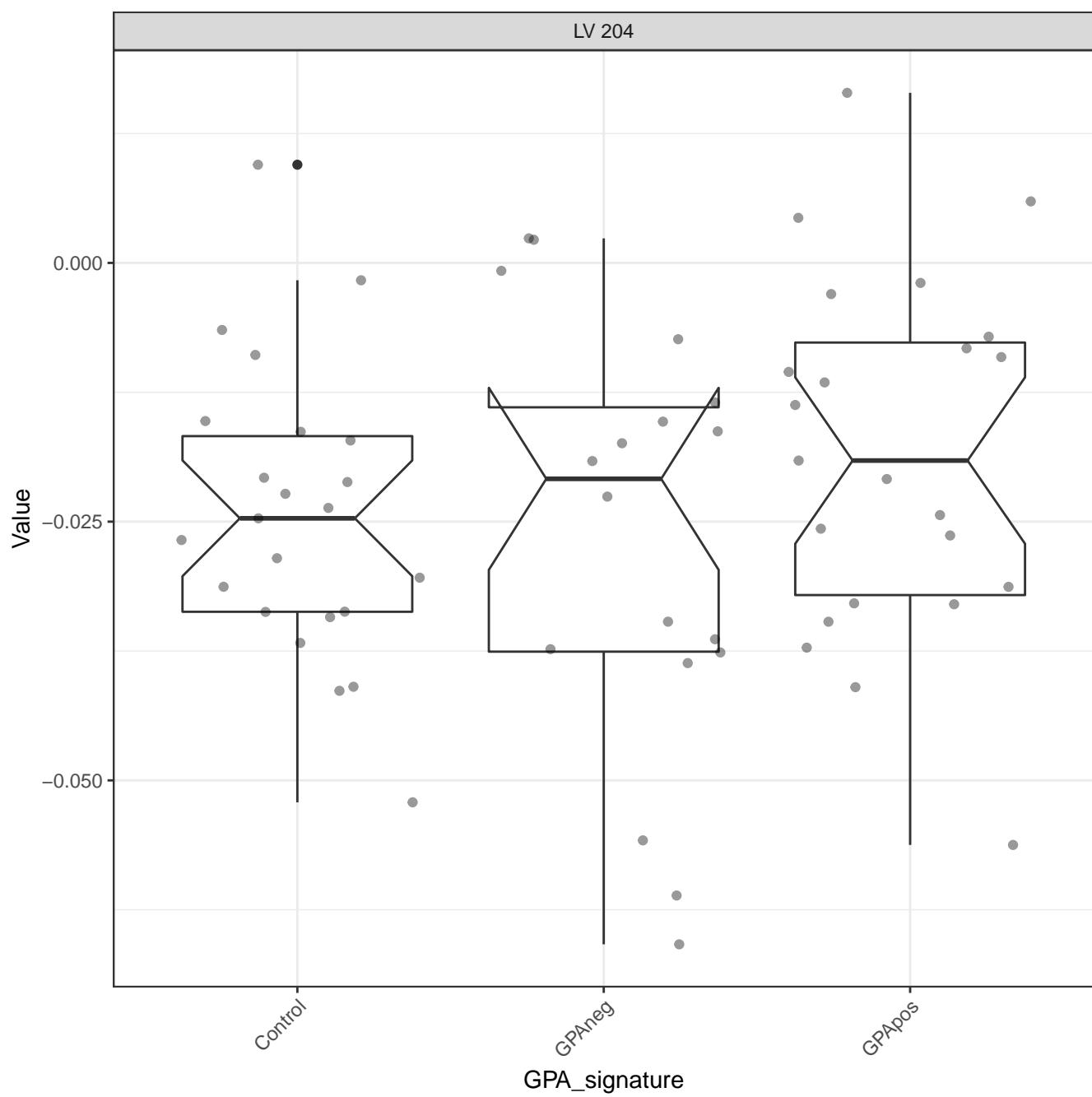
LV 202



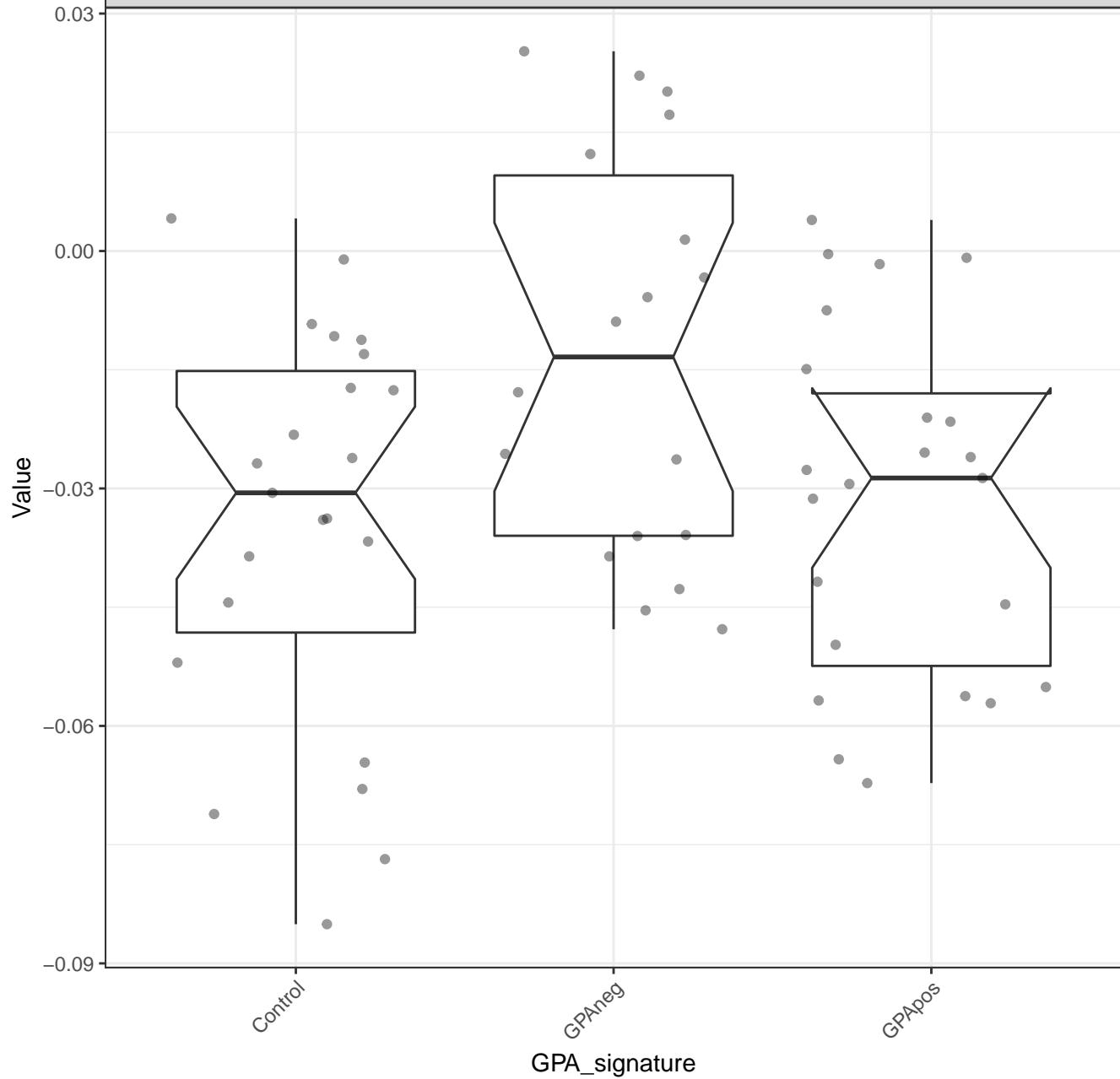
LV 203



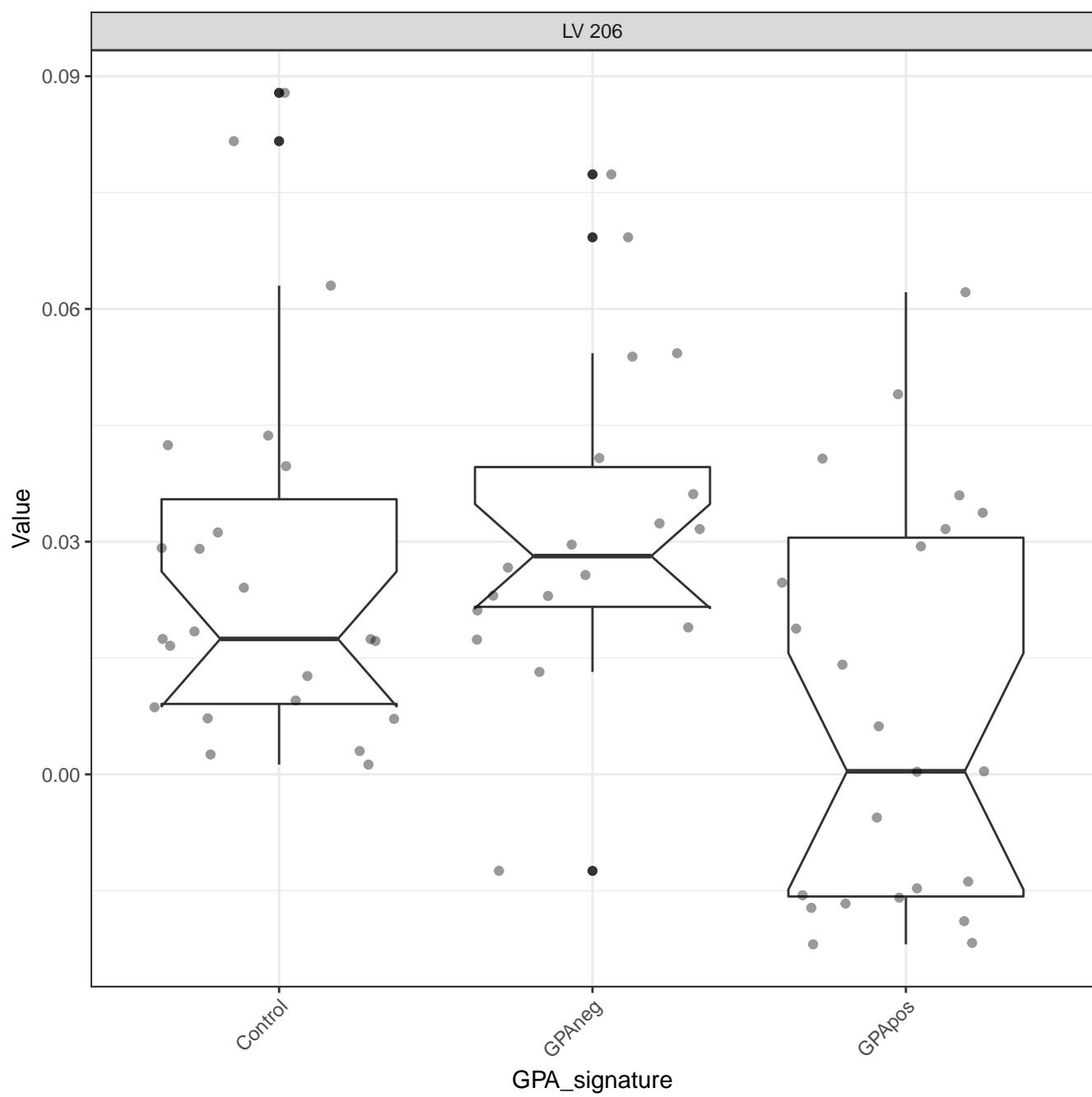
LV 204



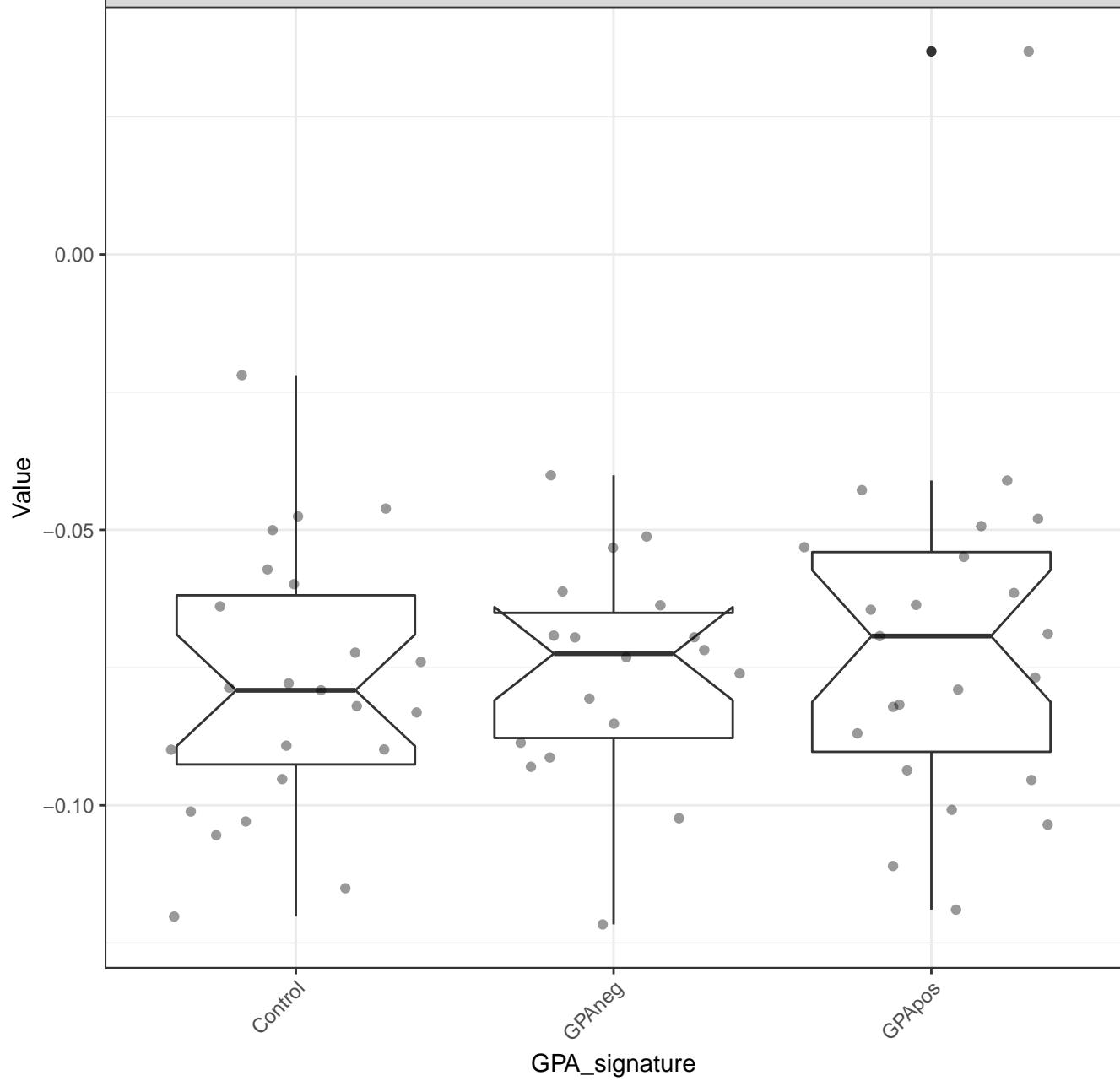
LV 205



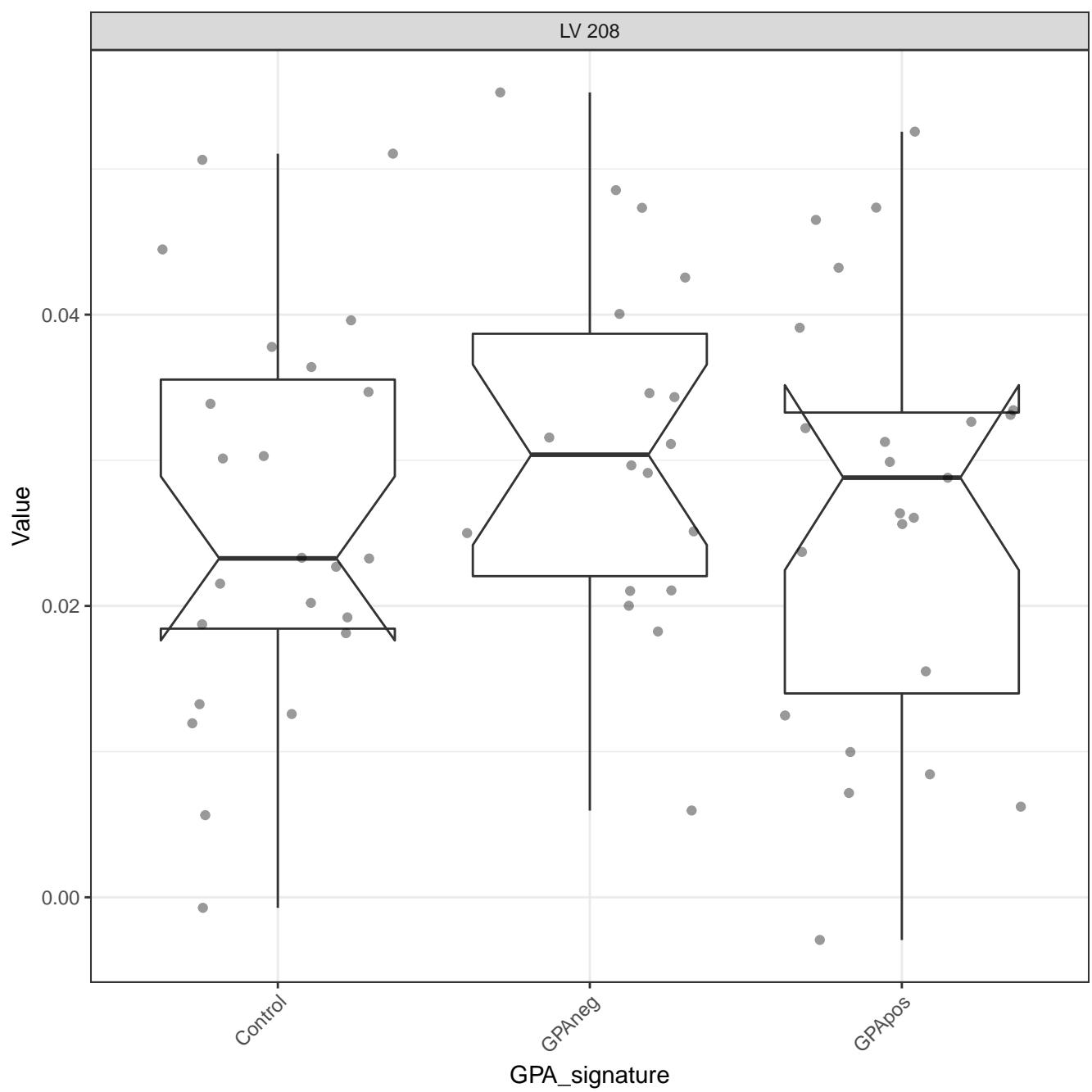
LV 206



LV 207



LV 208



LV 209

Value

0.05

0.00

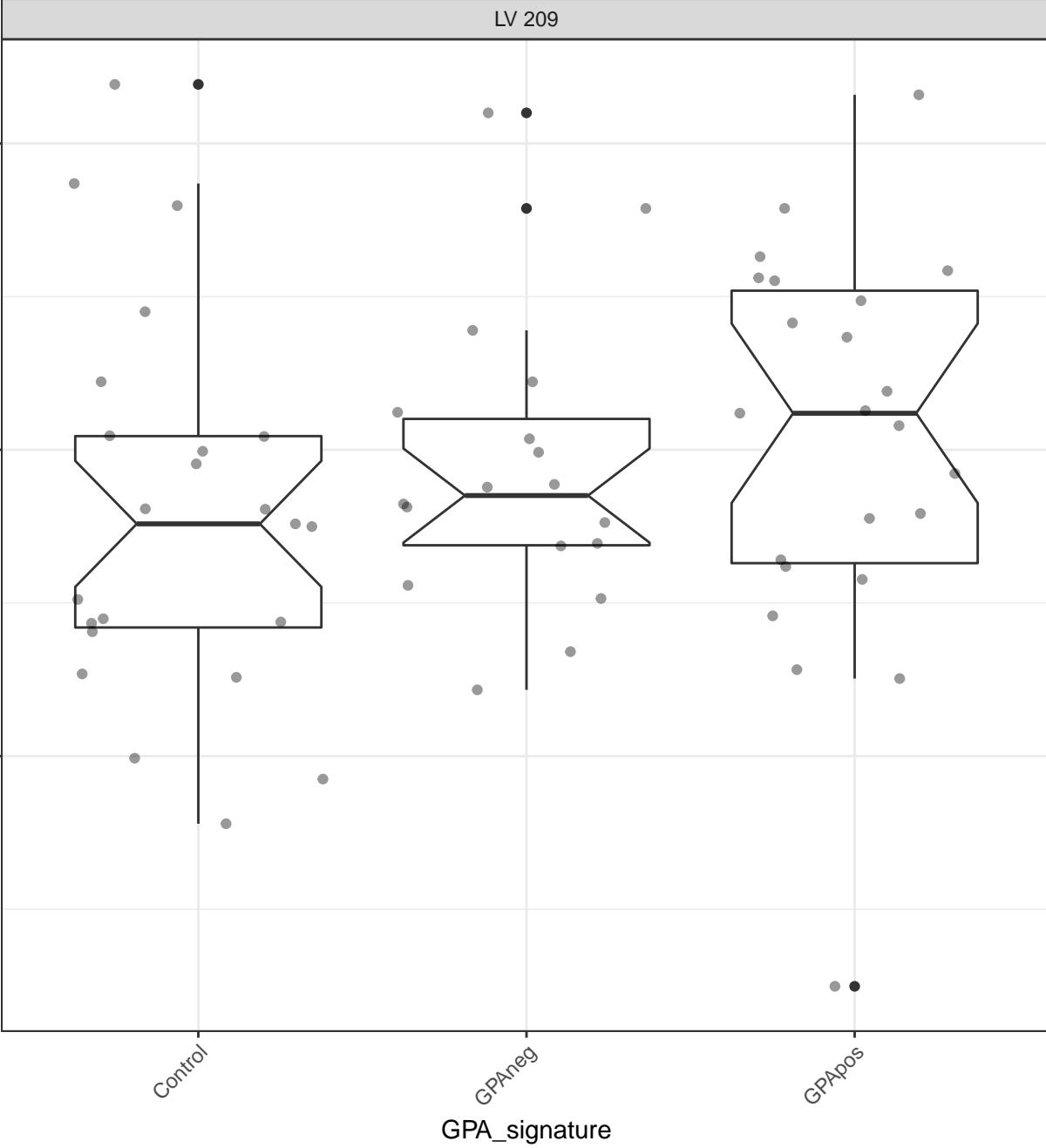
-0.05

Control

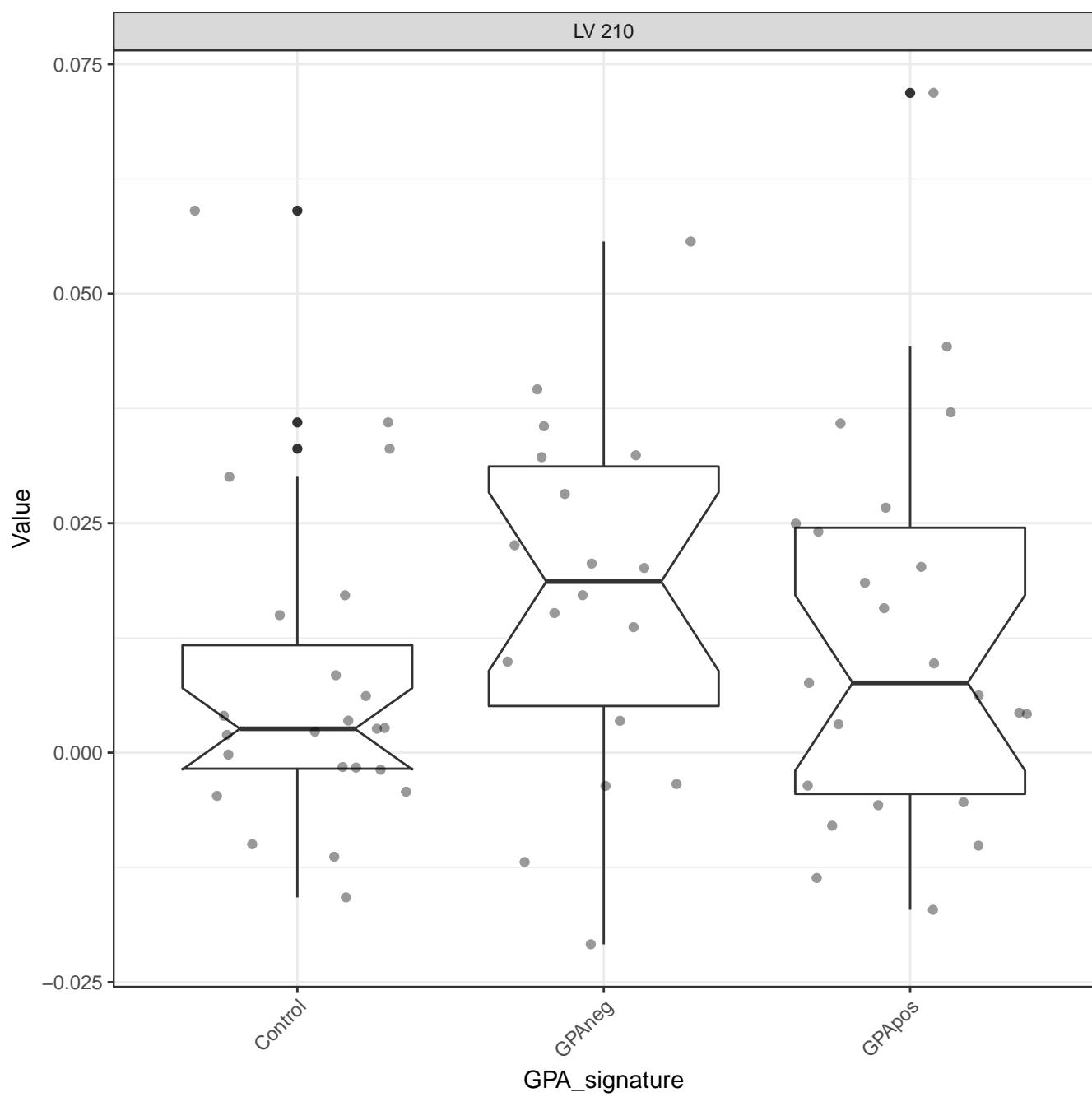
GPAneg

GPAPos

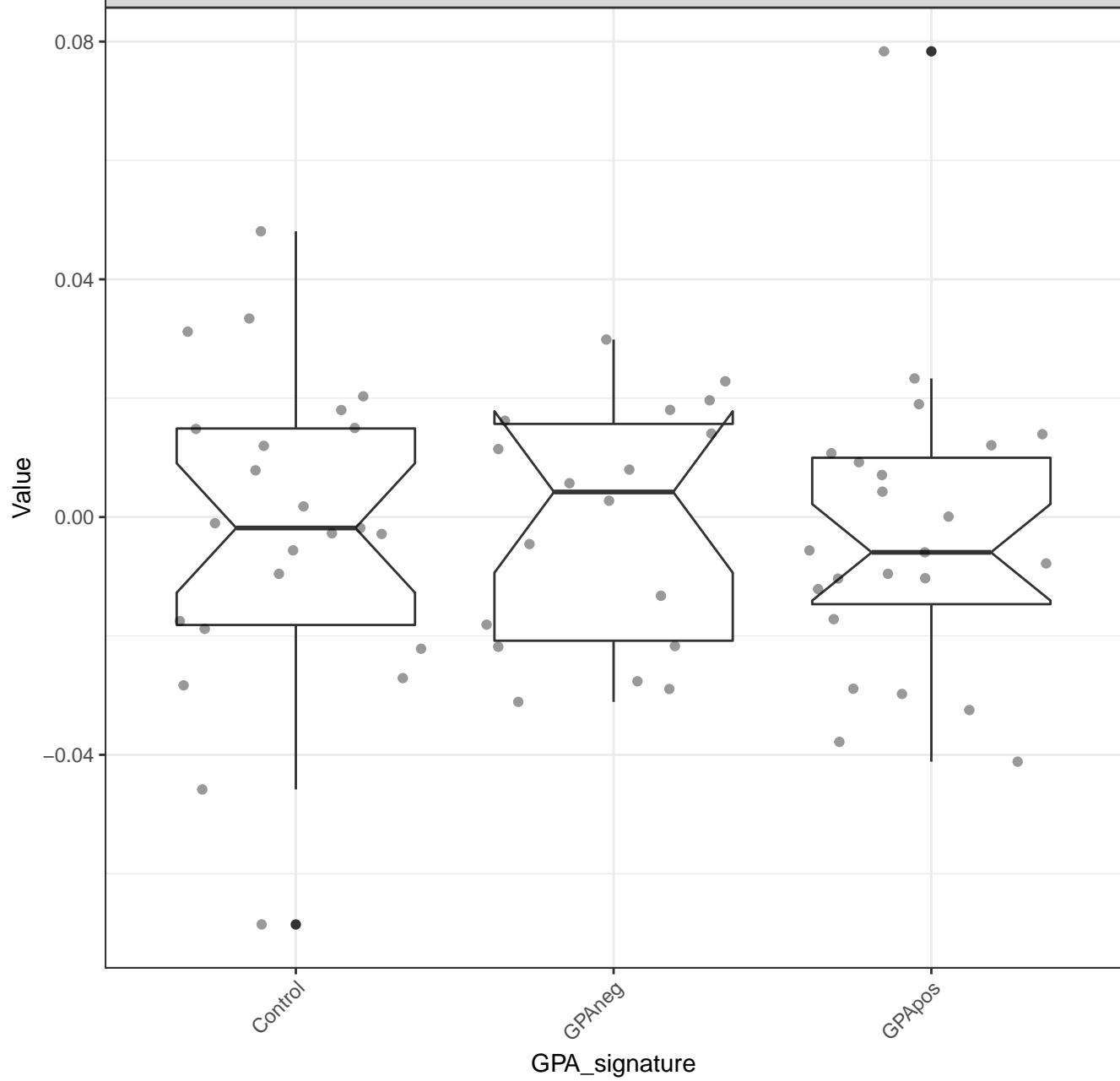
GPA_signature



LV 210



LV 211



LV 212

Value

0.05

0.00

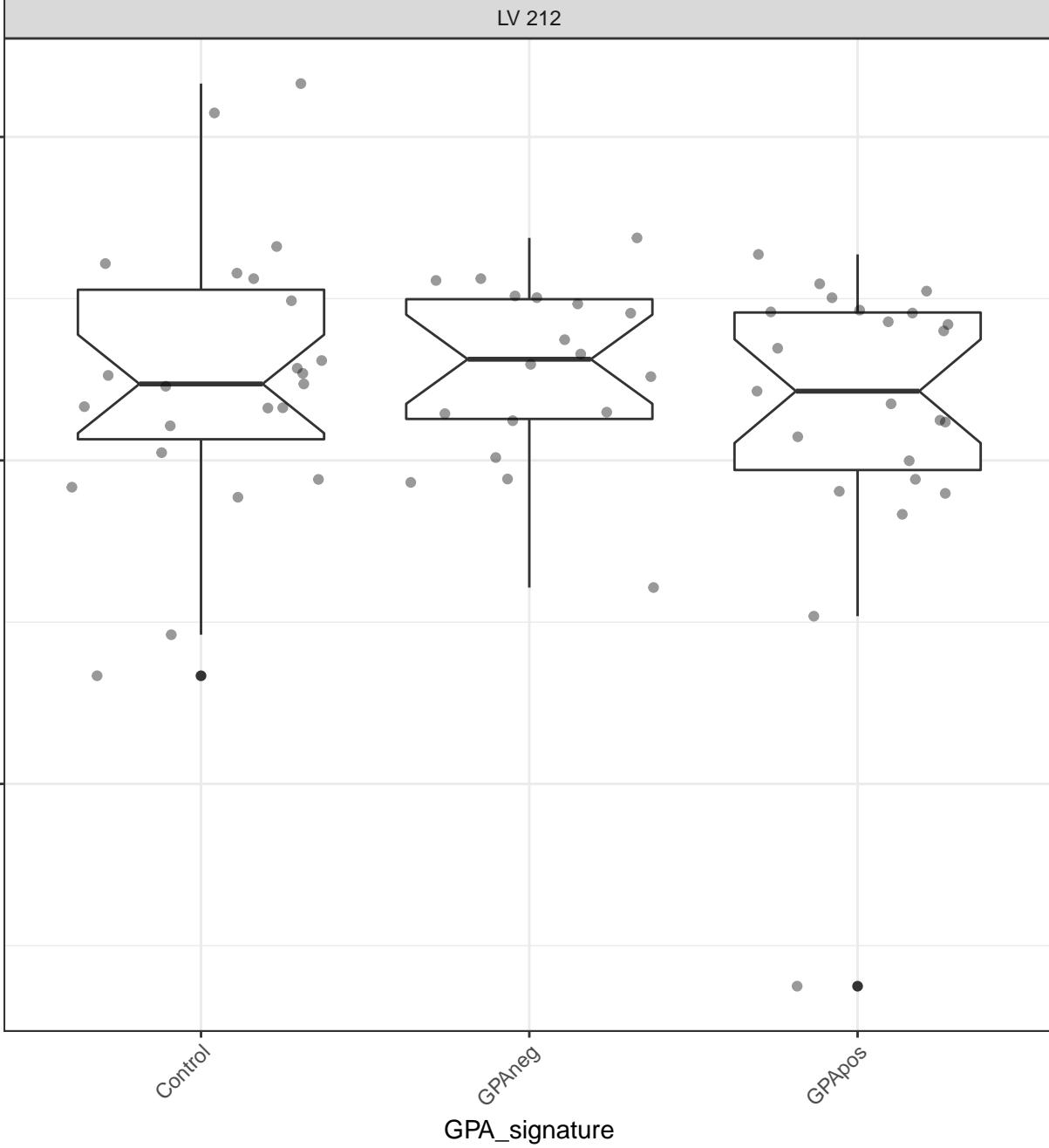
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Control

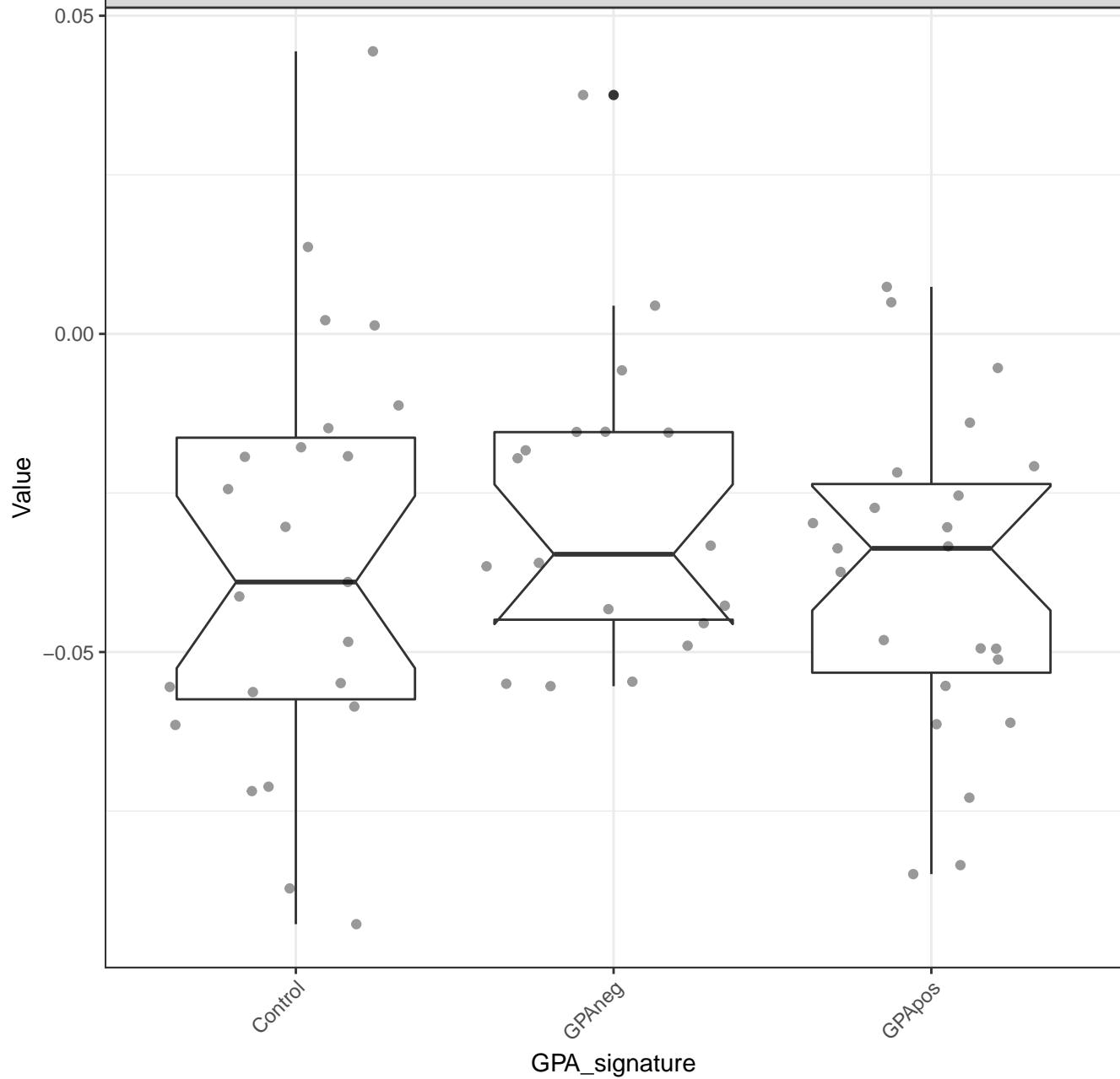
GPAneg

GPAPos

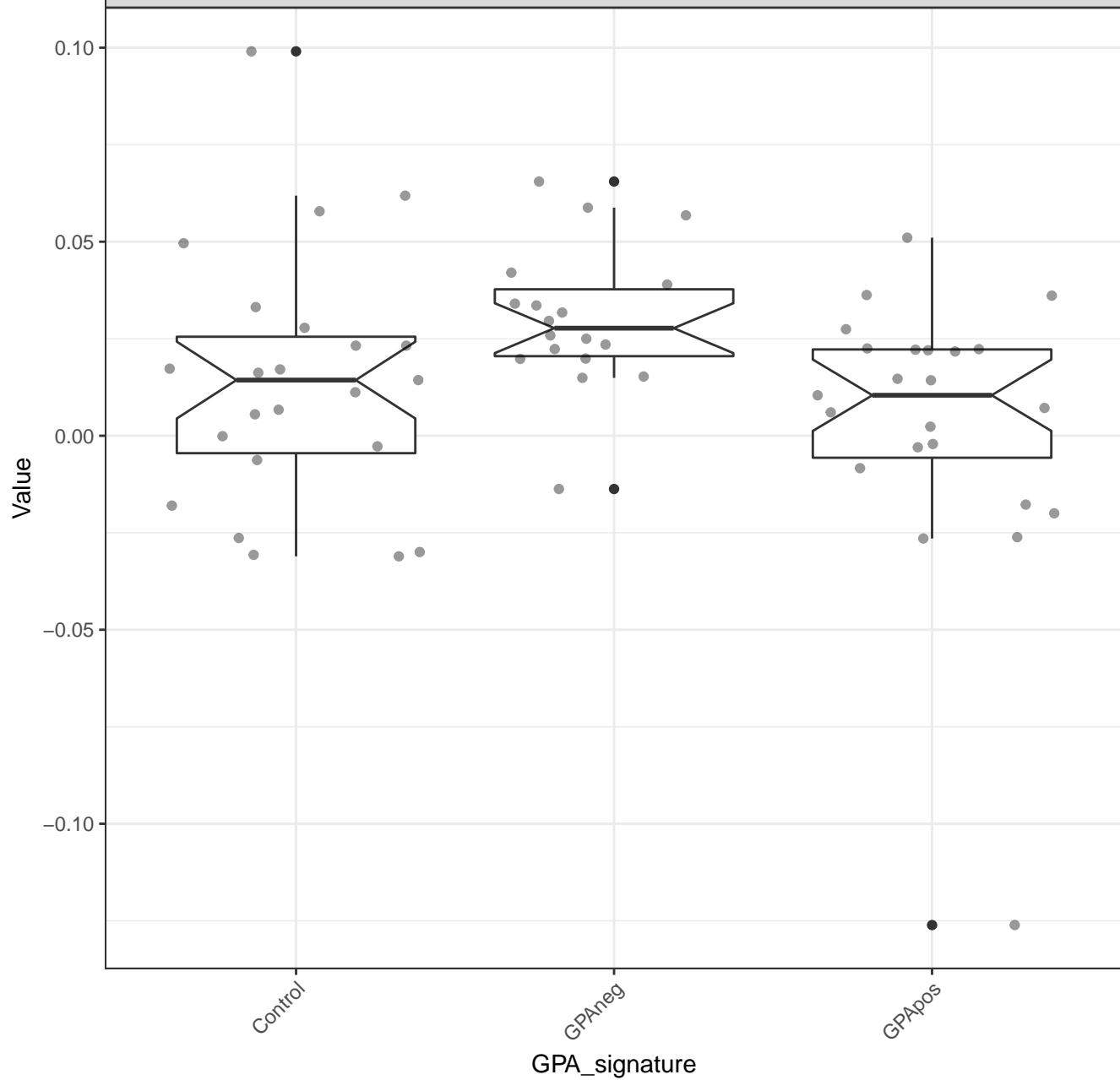
GPA_signature



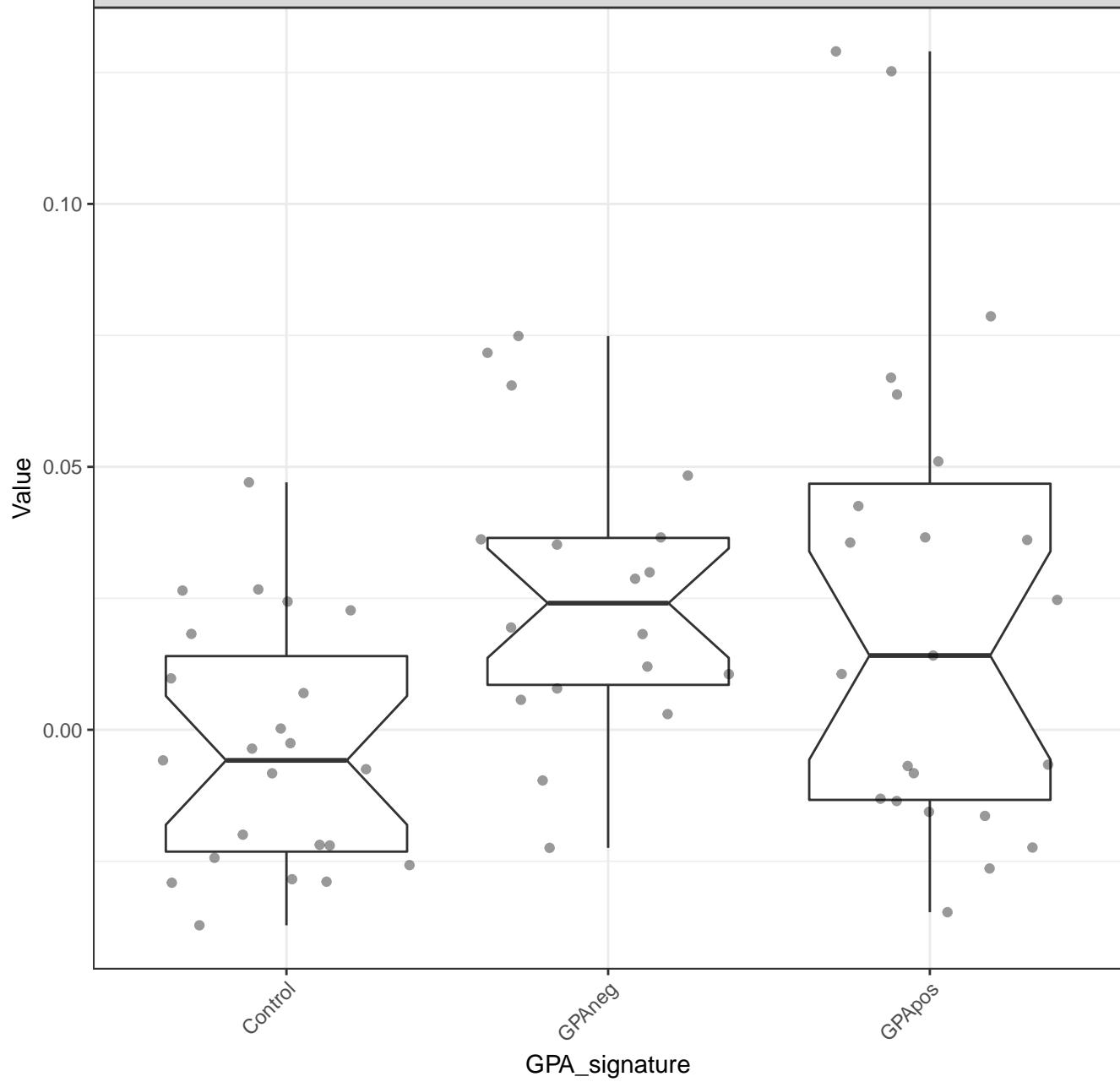
LV 213



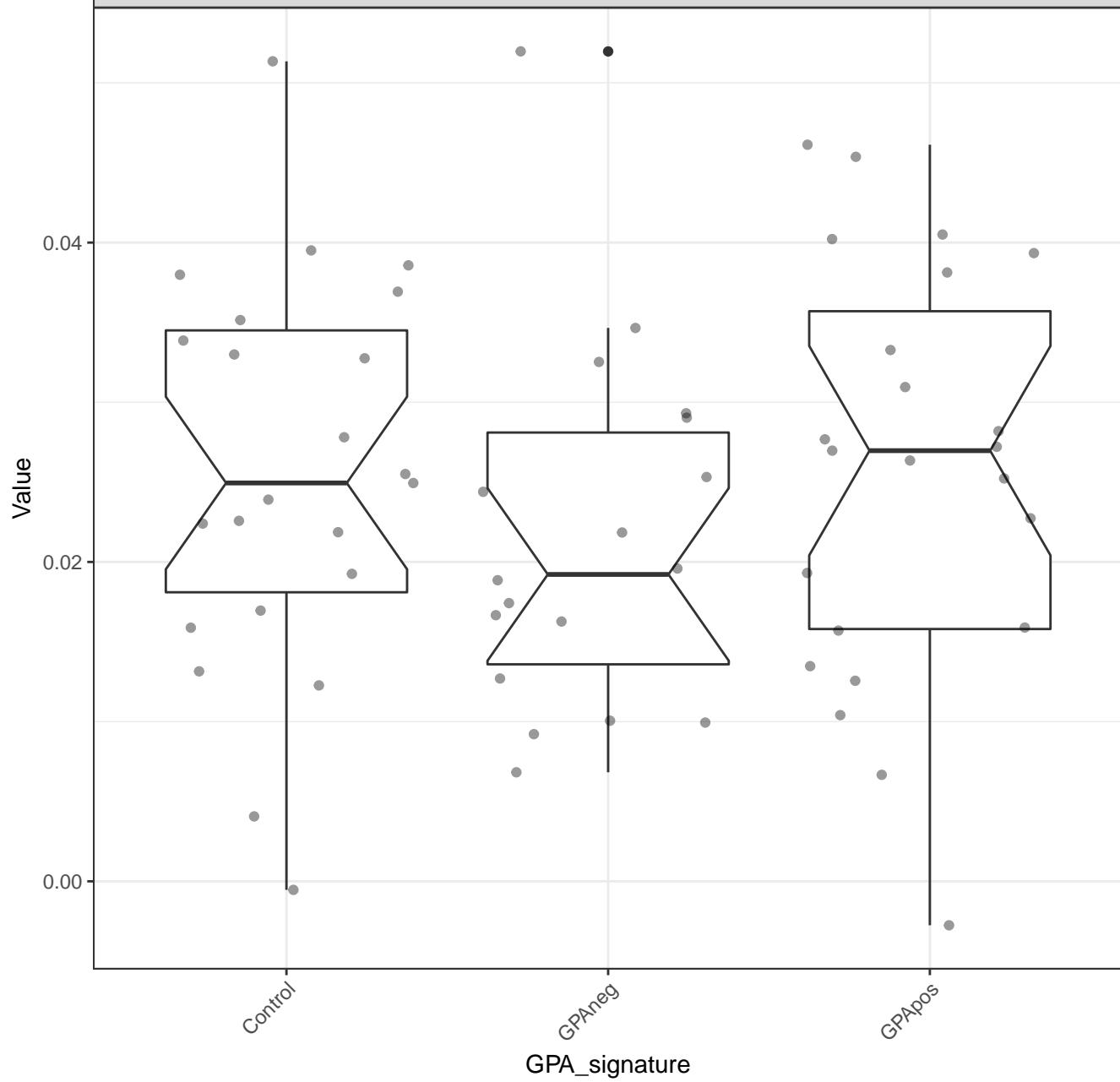
LV 214

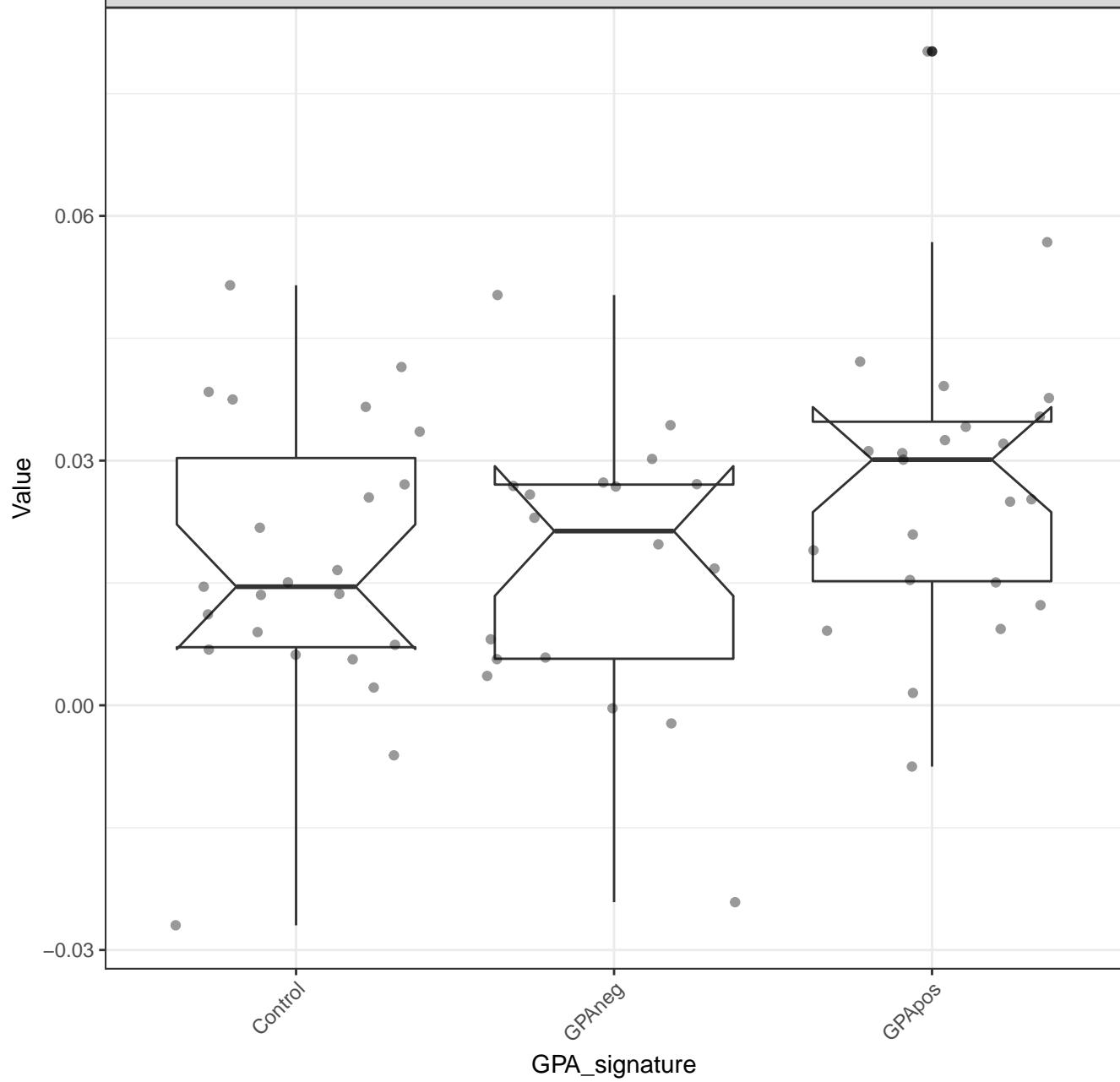


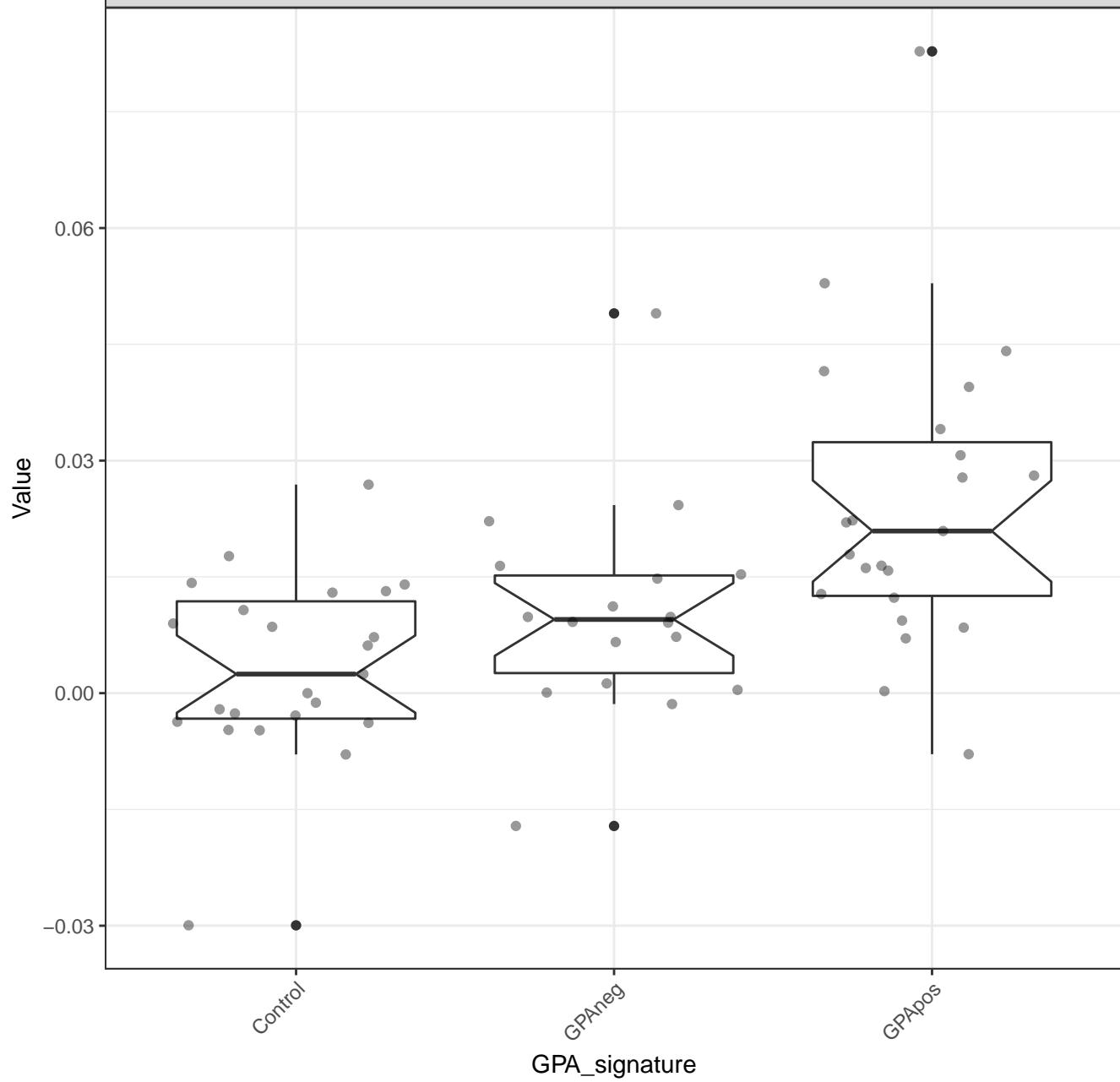
LV 215



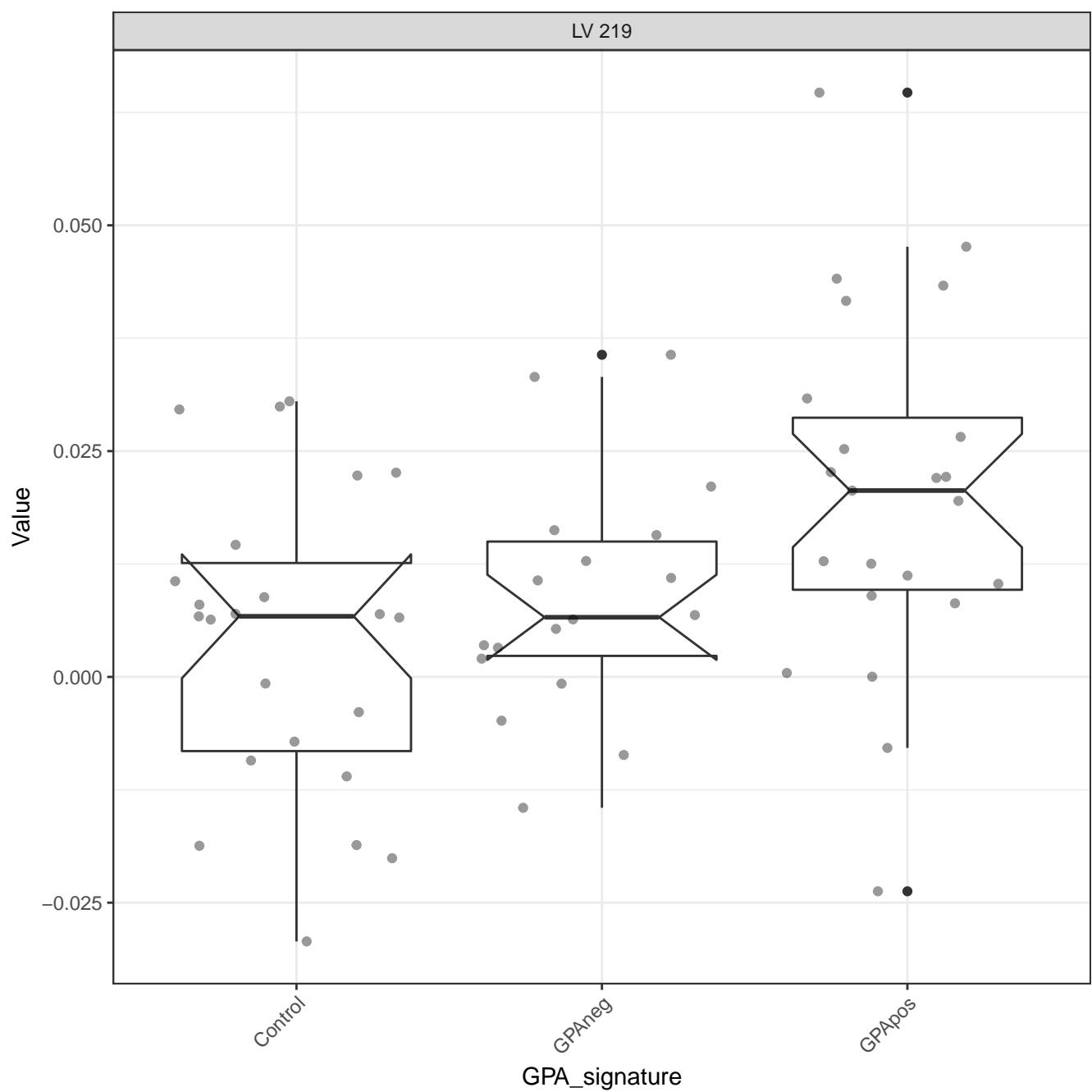
LV 216







LV 219



LV 220

Value

Control

GPAneg

GPApos

GPA_signature

0.05

0.00

-0.05

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LV 221

Value

0.050

0.025

0.000

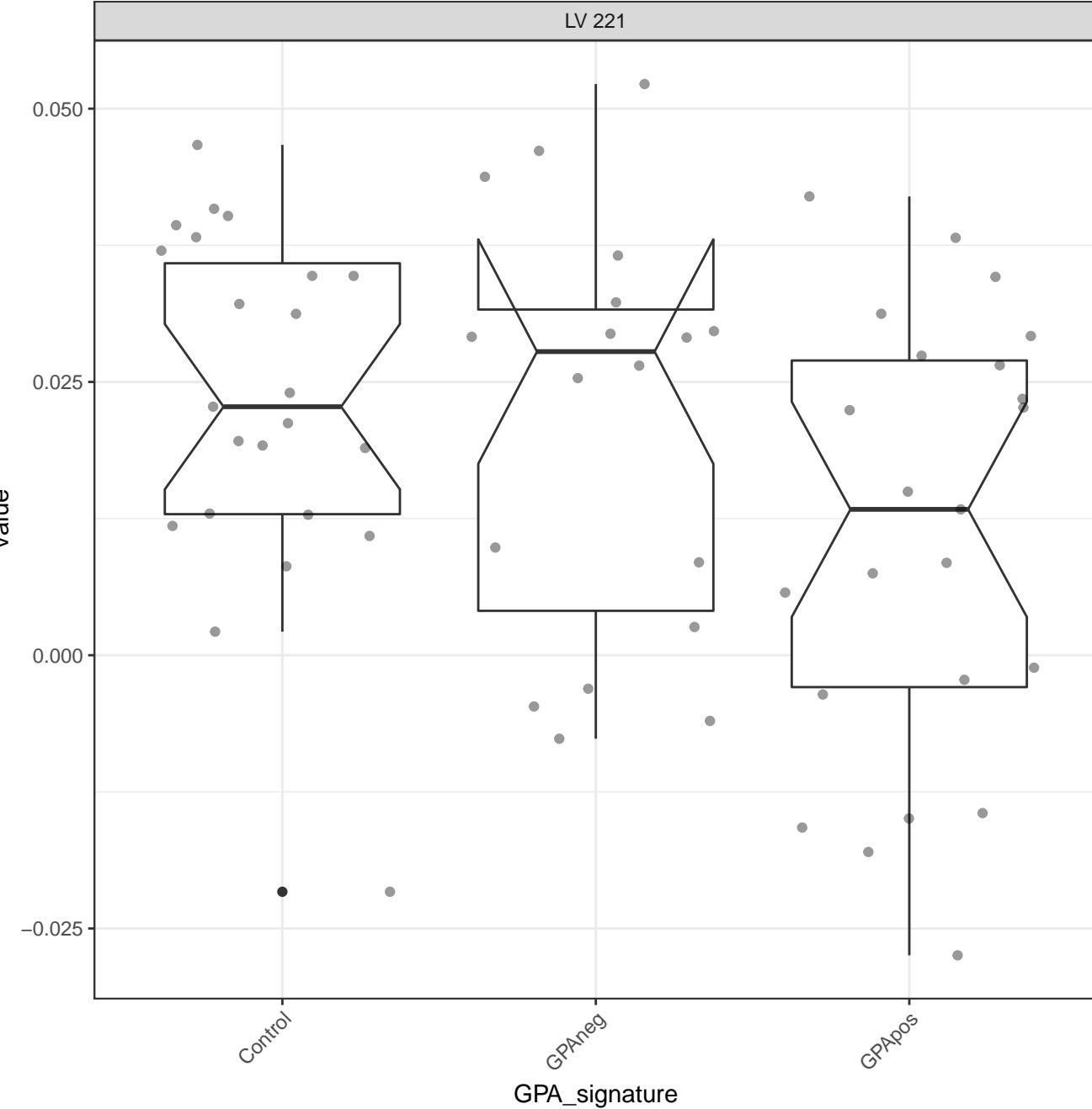
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Control

GPA_signature

GPAneg

GPAPos



LV 222

Value

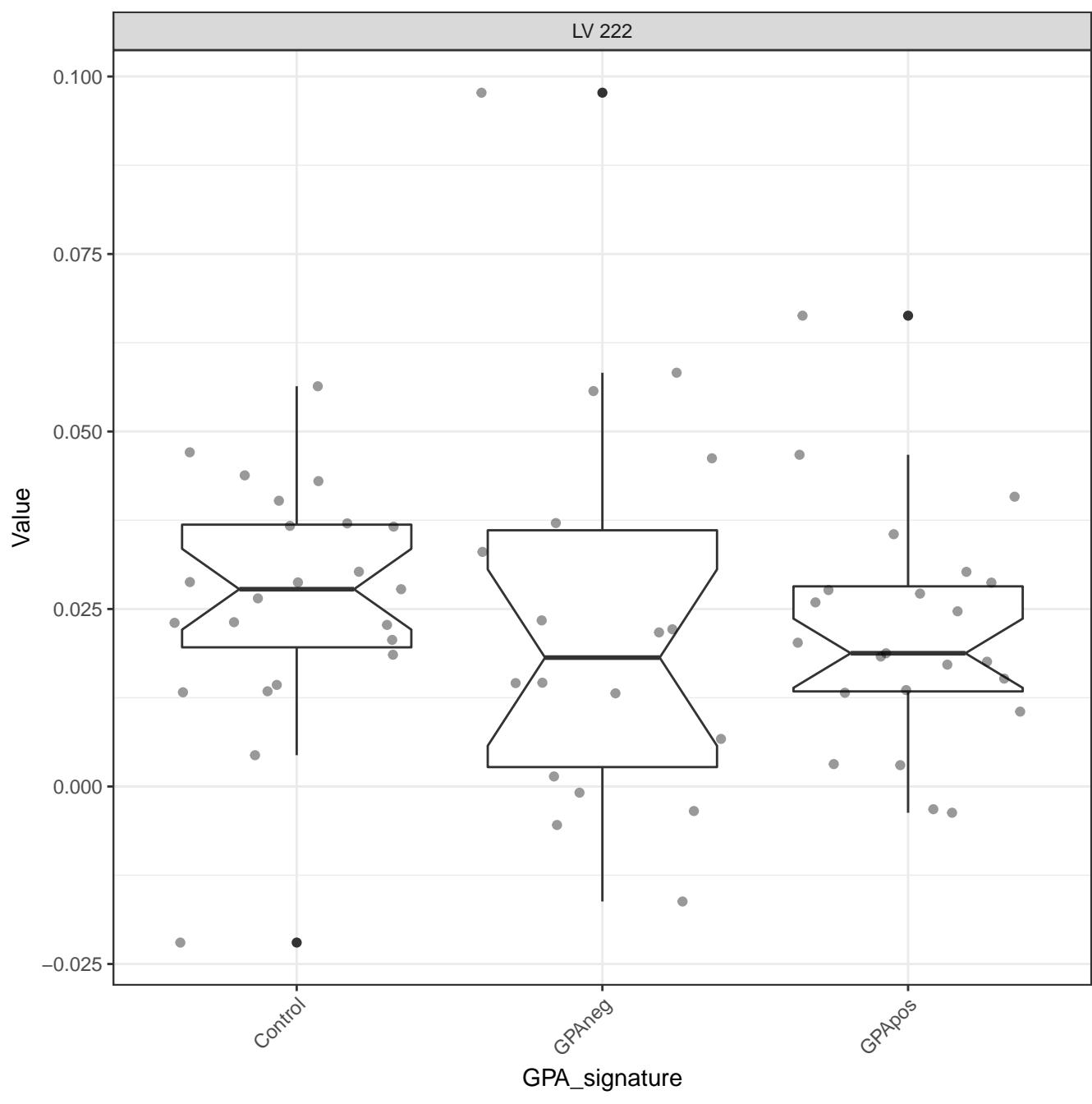
0.100
0.075
0.050
0.025
0.000
-0.025

Control

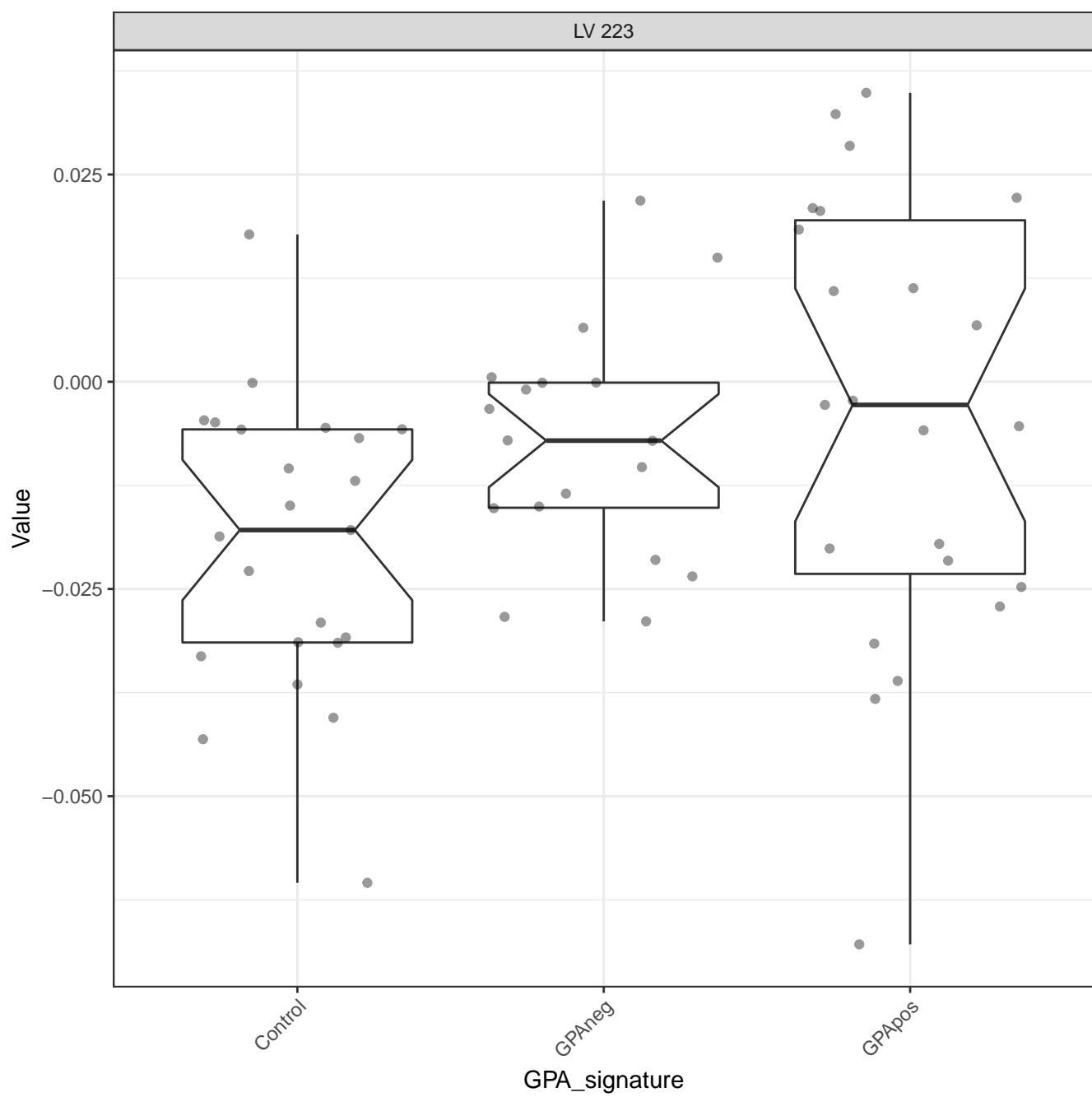
GPAneg

GPApos

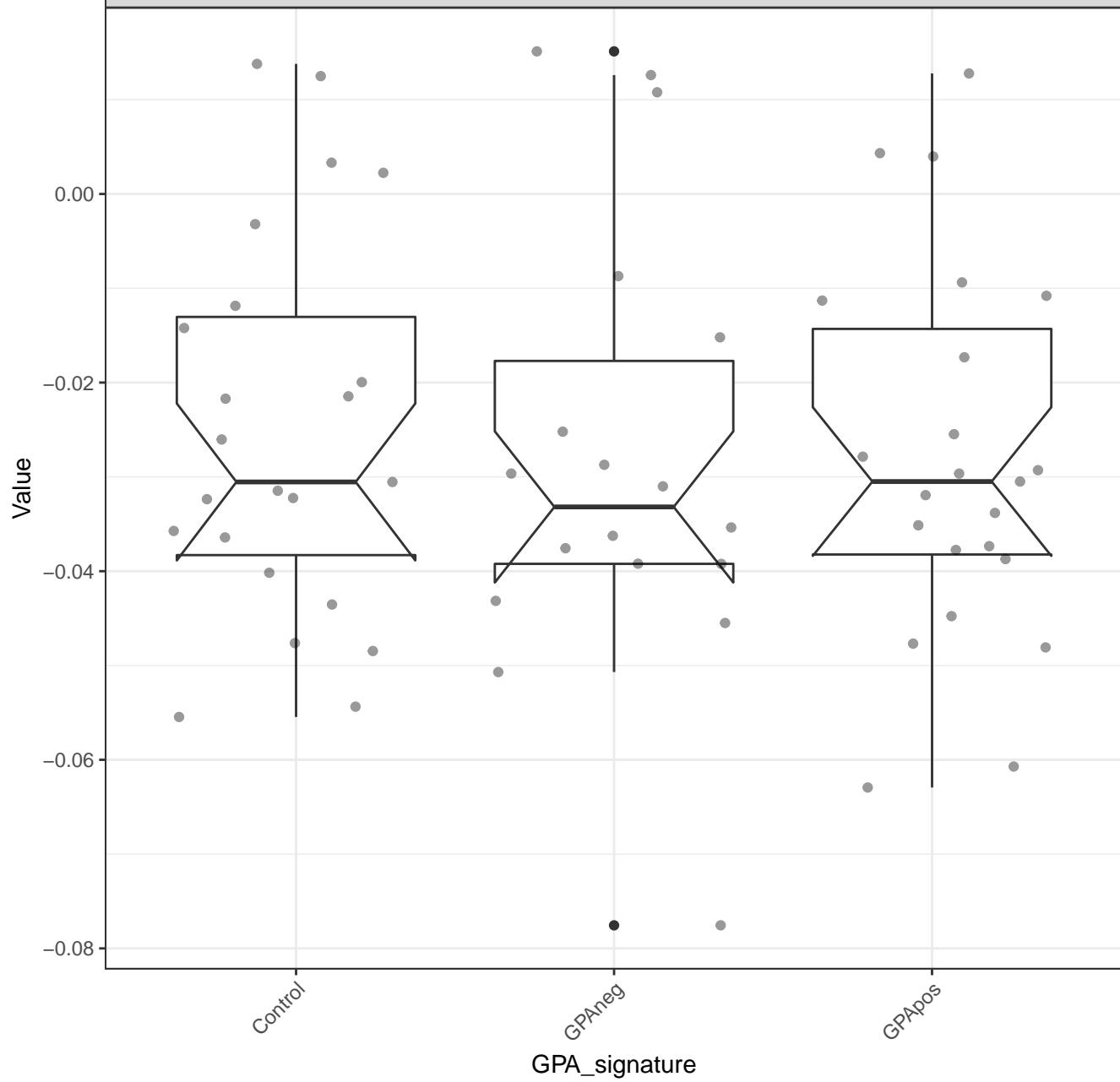
GPA_signature



LV 223



LV 224



LV 225

Value

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0.025

0.000

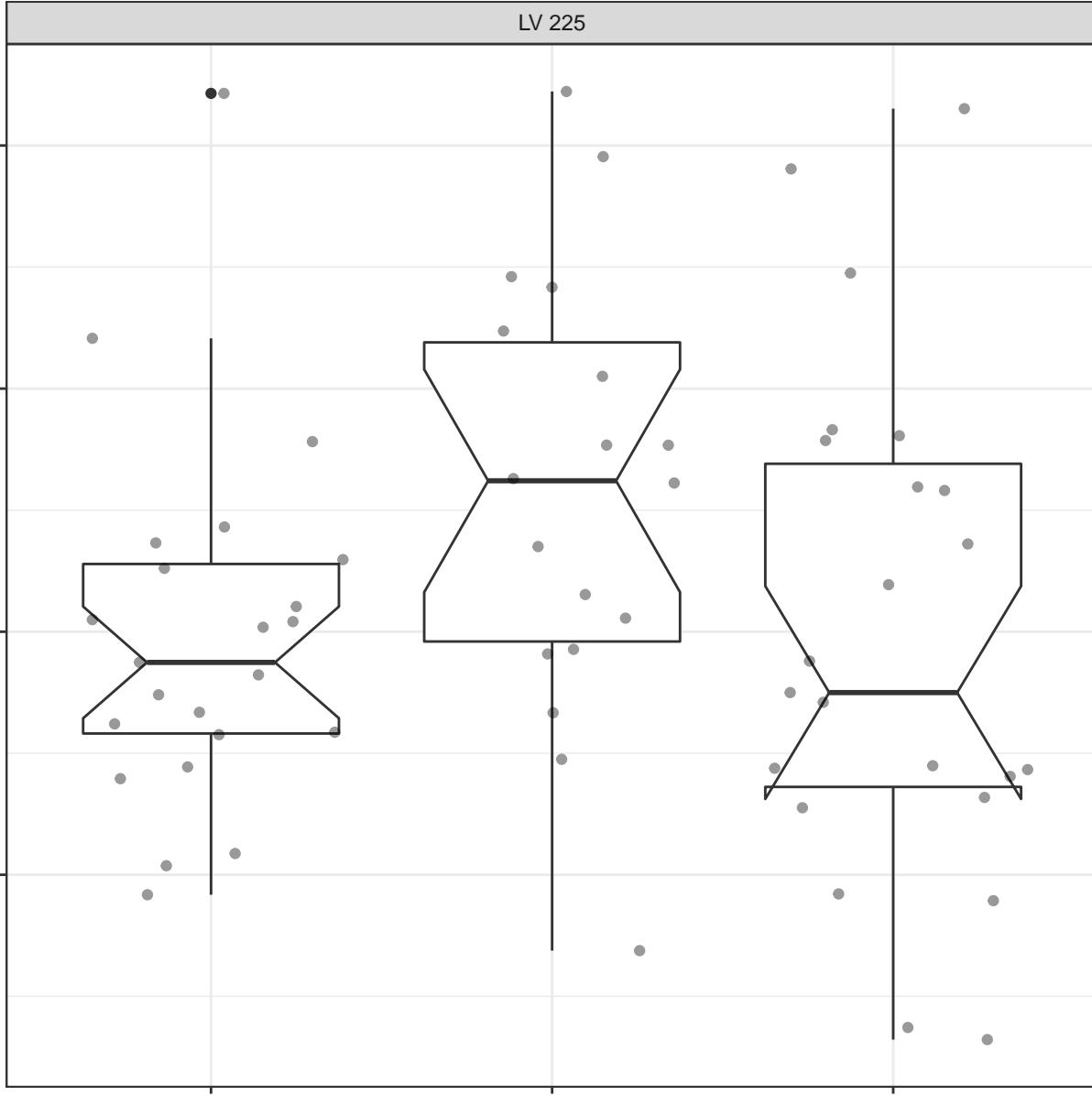
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Control

GPA_signature

GPAneg

GPAPos



LV 226

Value

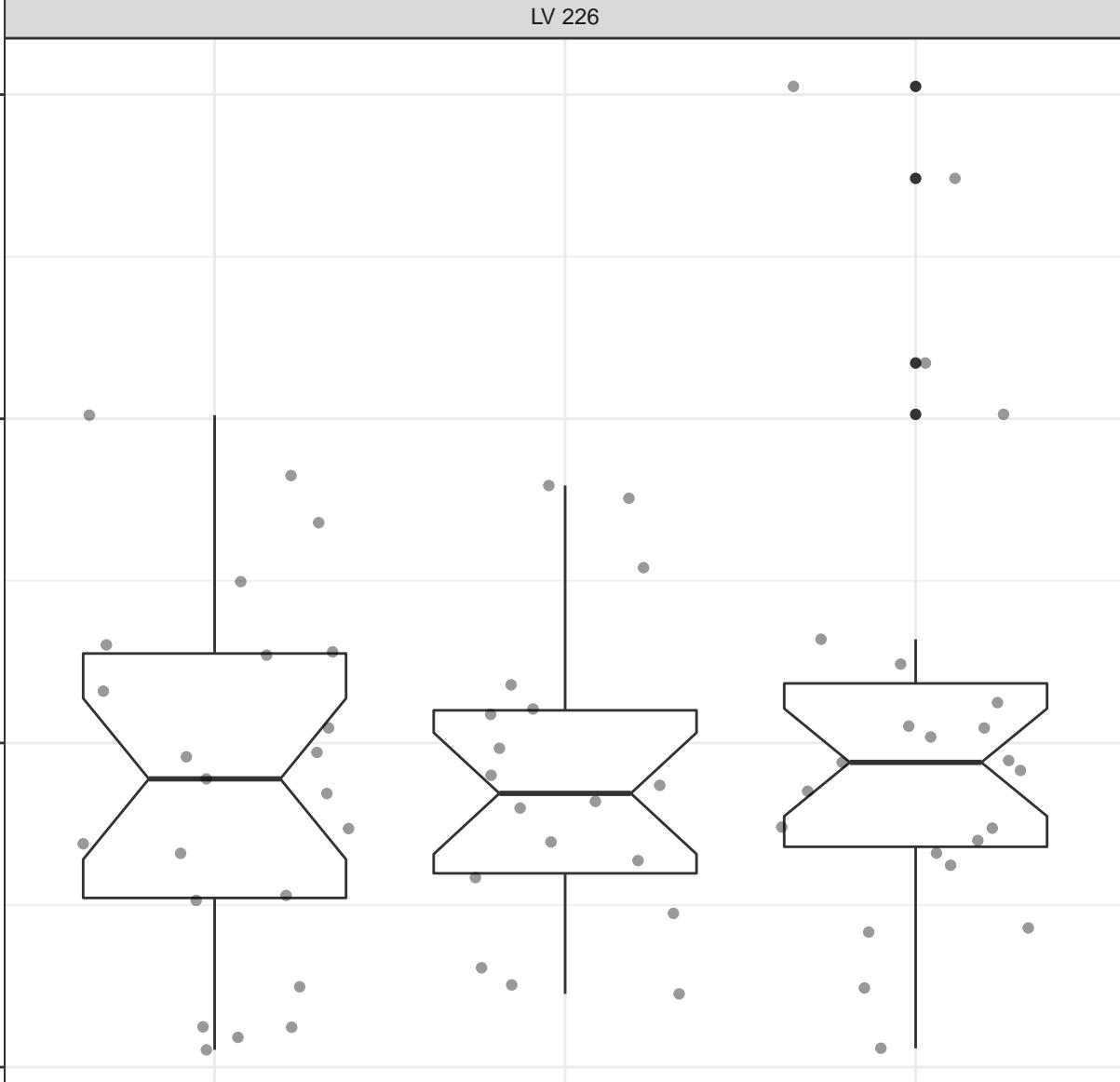
0.04
0.00
-0.04
-0.08

GPA_signature

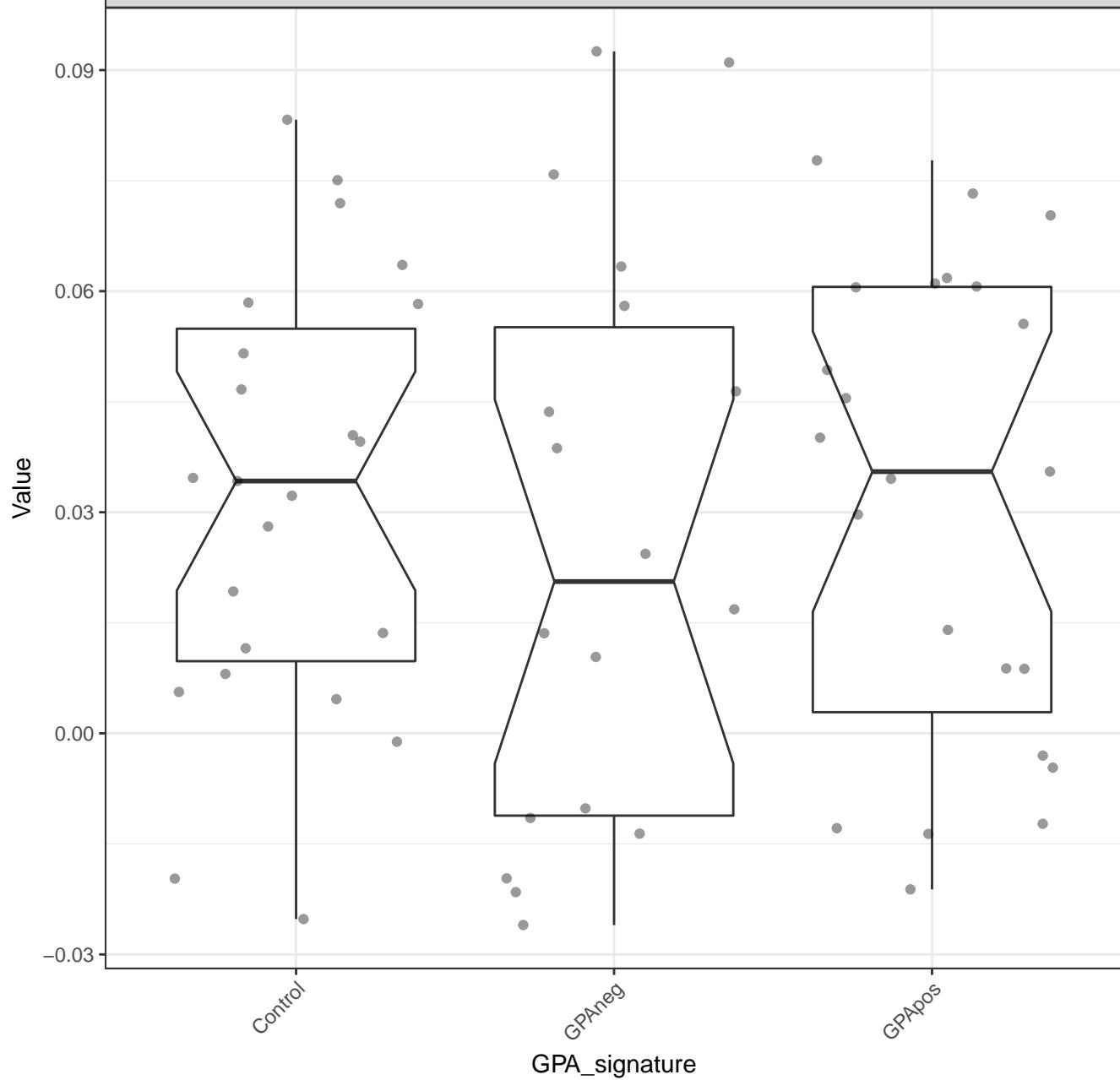
Control

GPAneg

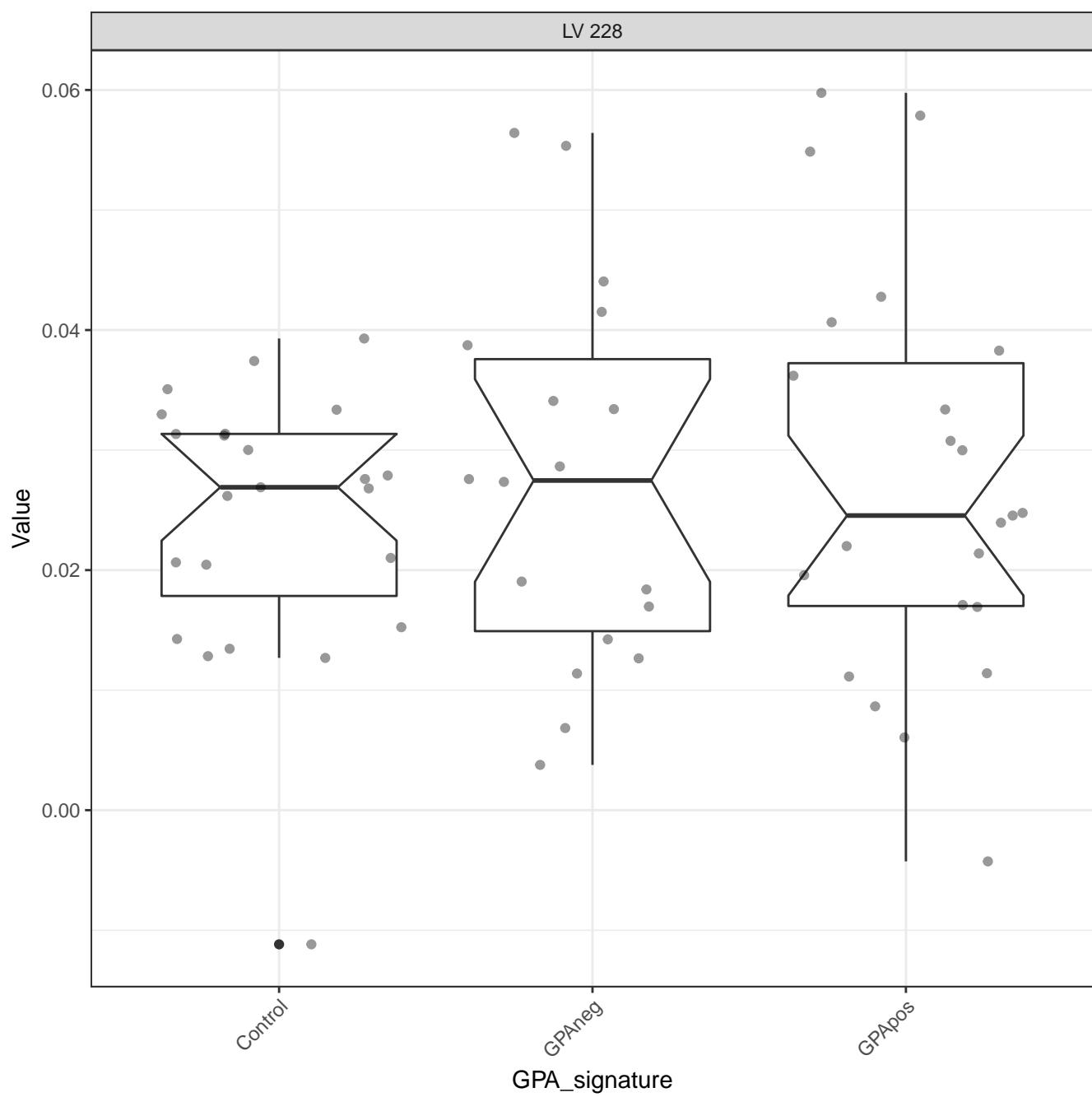
GPApos

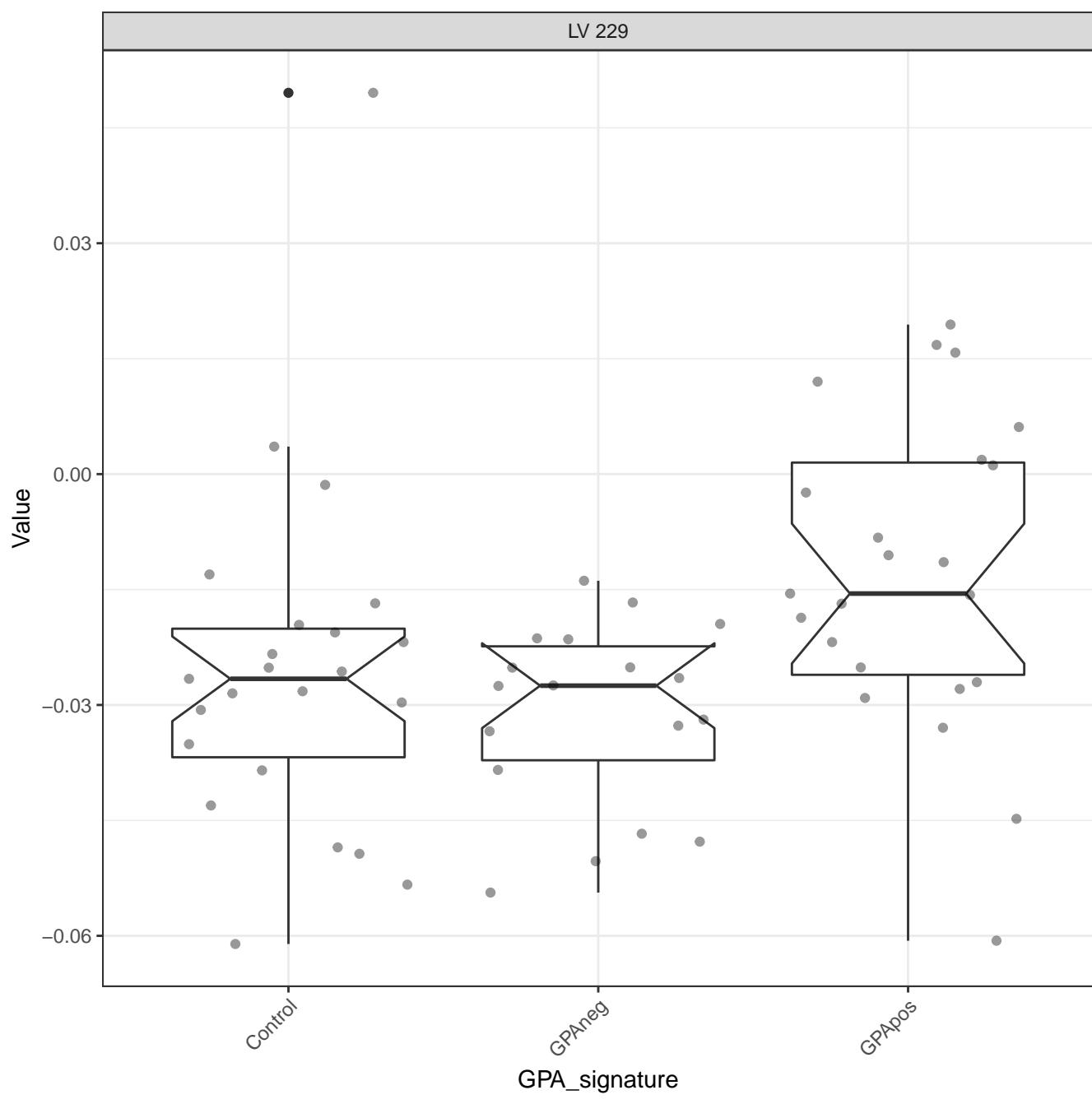


LV 227

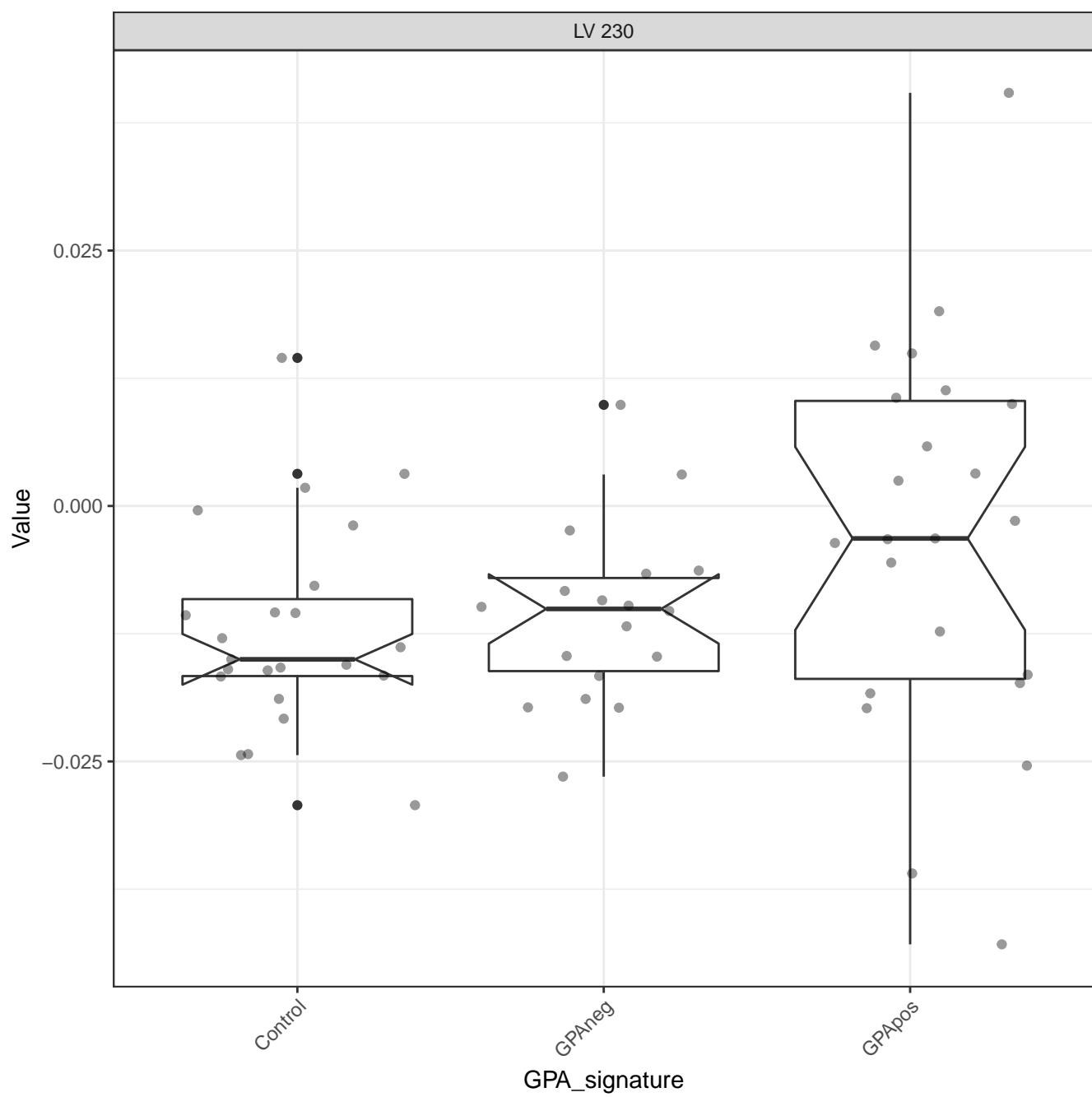


LV 228

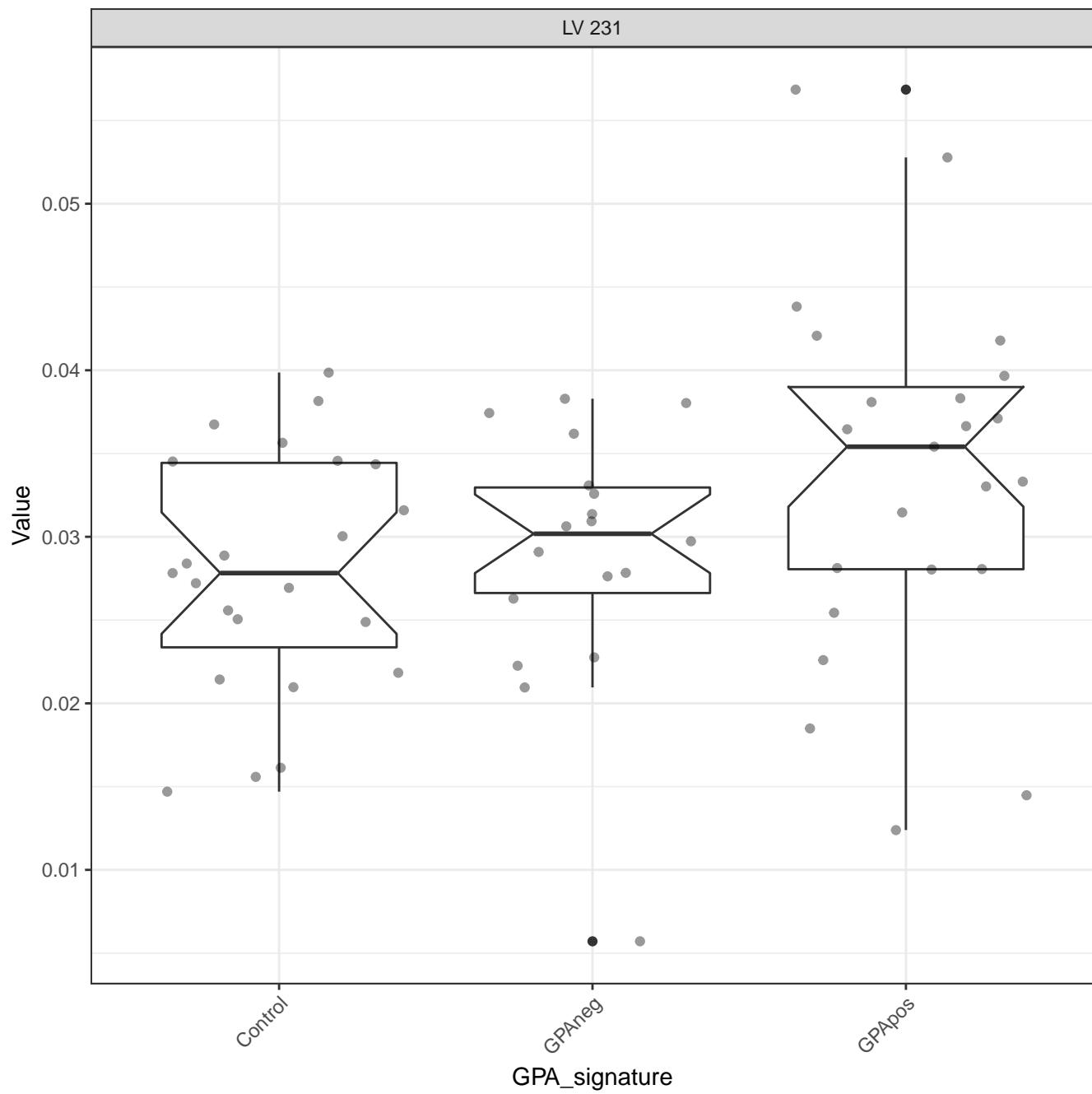


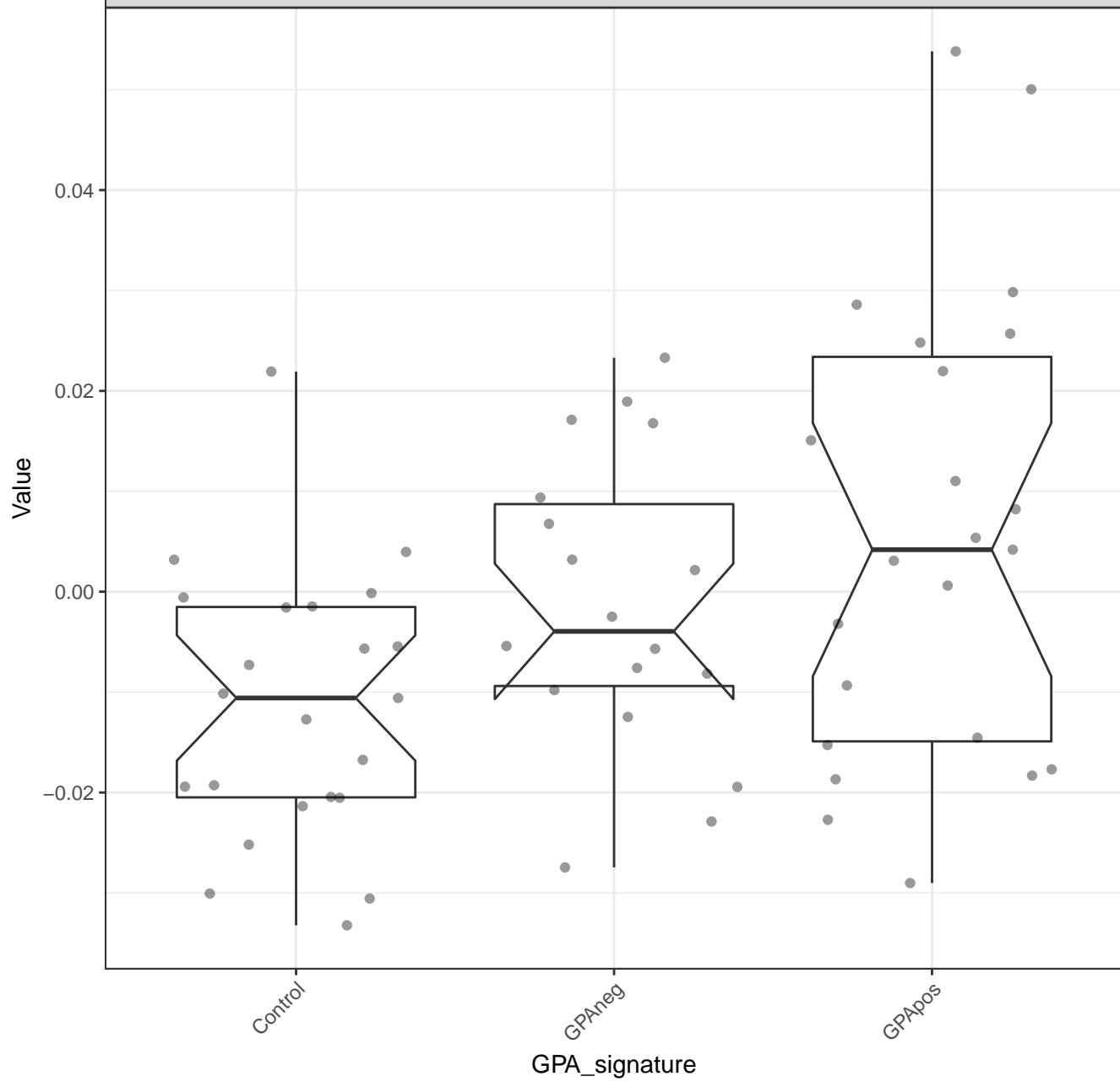


LV 230



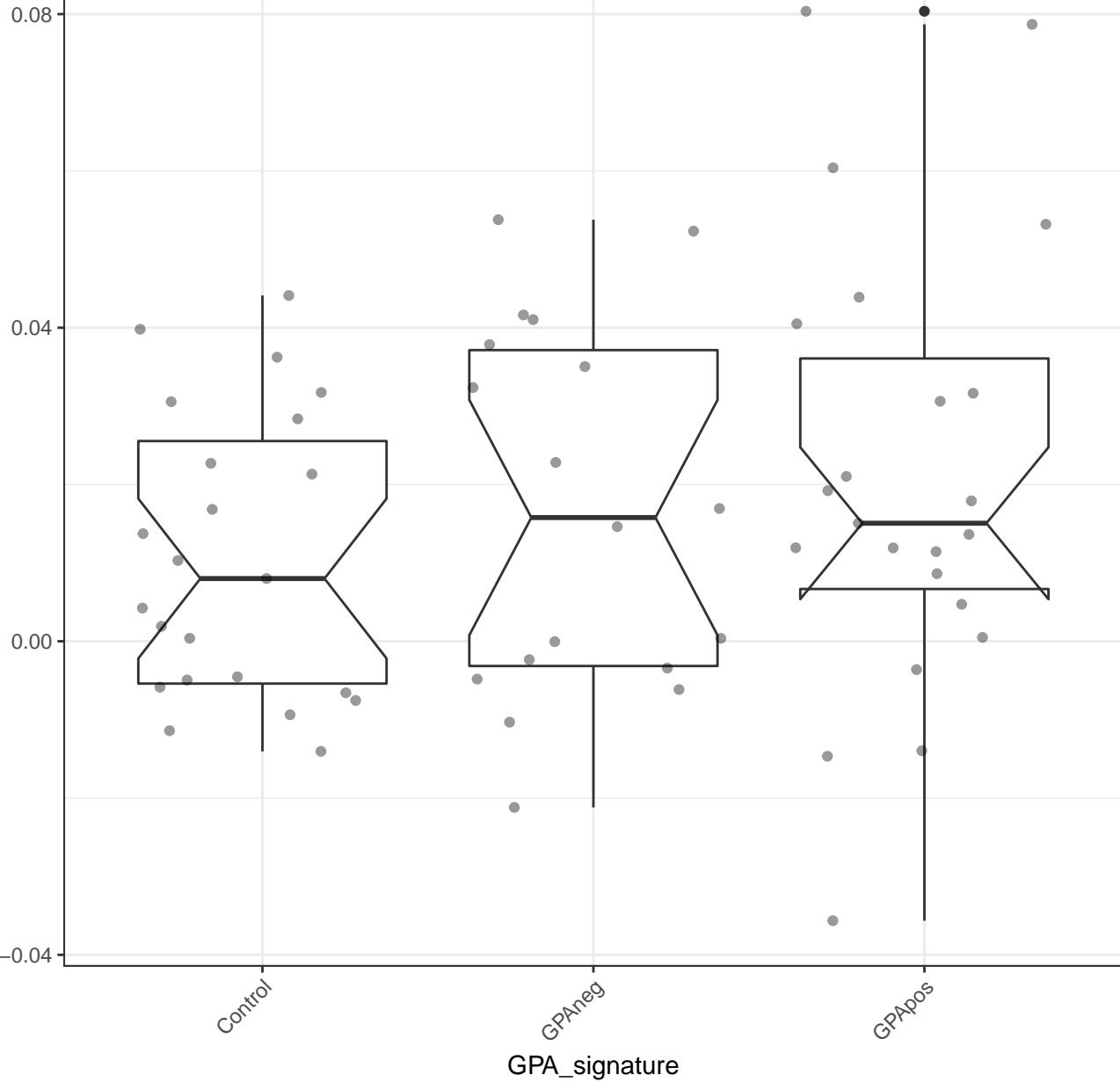
LV 231





LV 233

Value



234,REACTOME_RNA_POL_I_PROMOTER_OPENING

Value

0.025

0.000

-0.025

-0.050

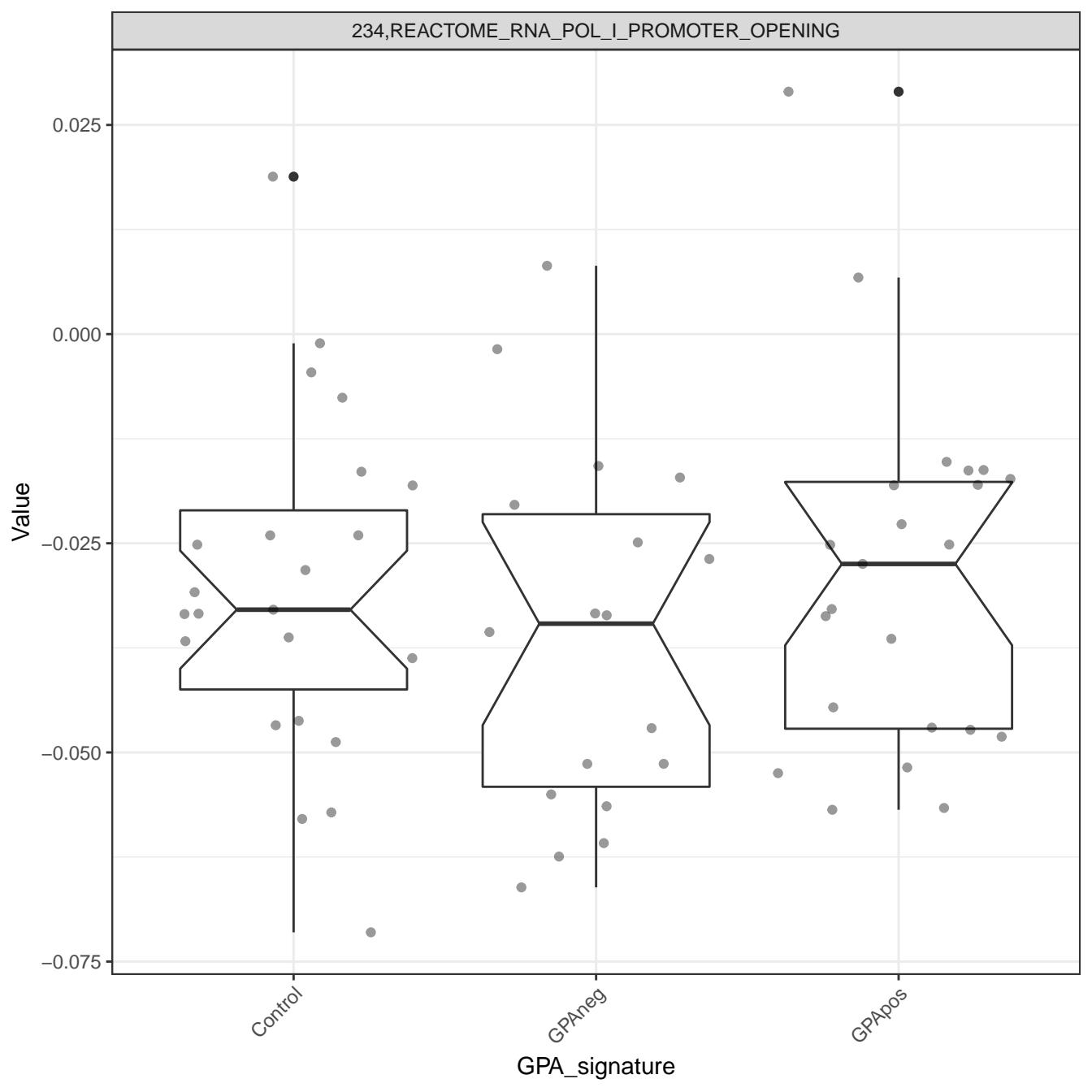
-0.075

Control

GPA_signature

GPAneg

GPAPos



LV 235

Value

0.050

0.025

0.000

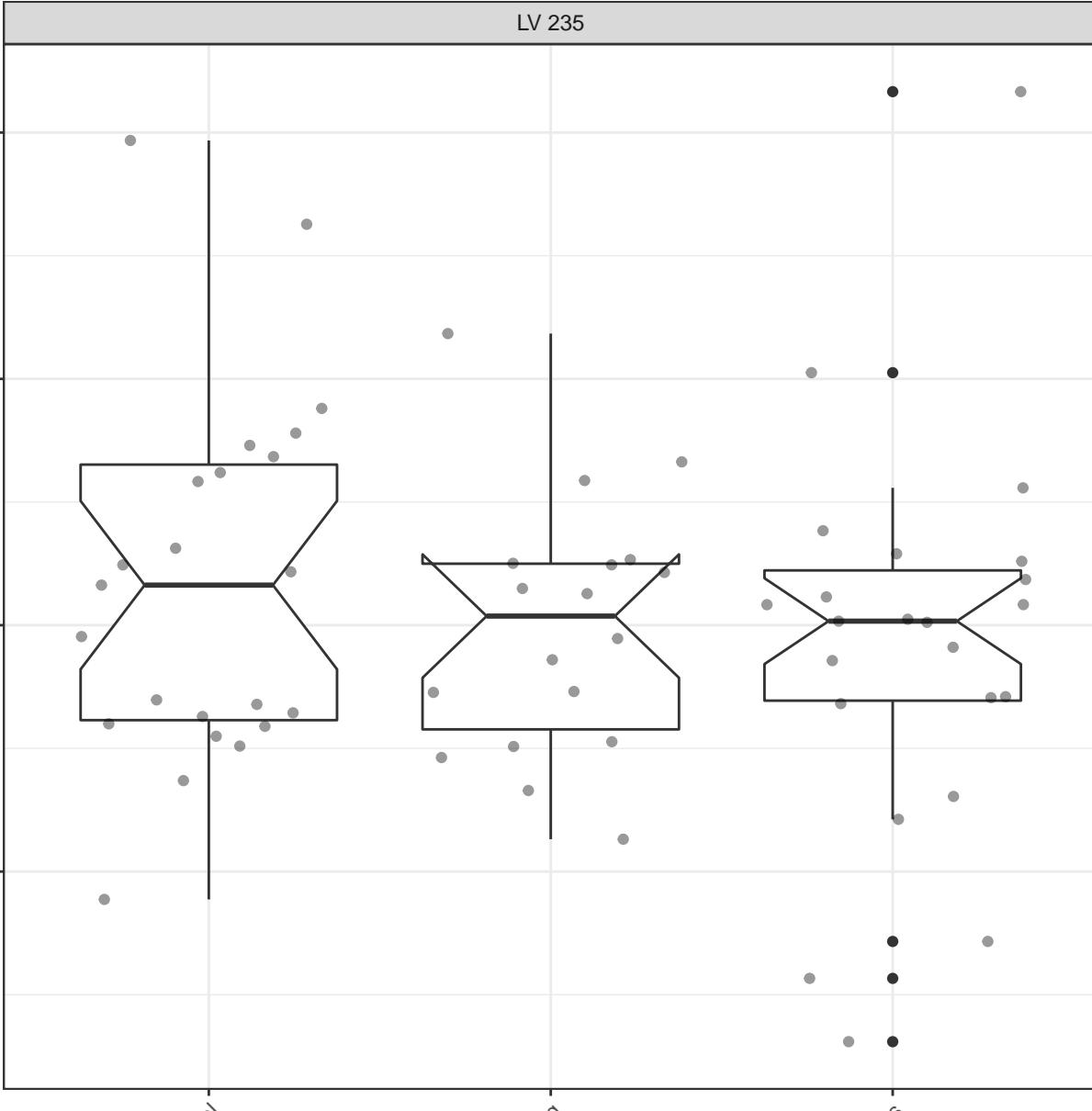
-0.025

Control

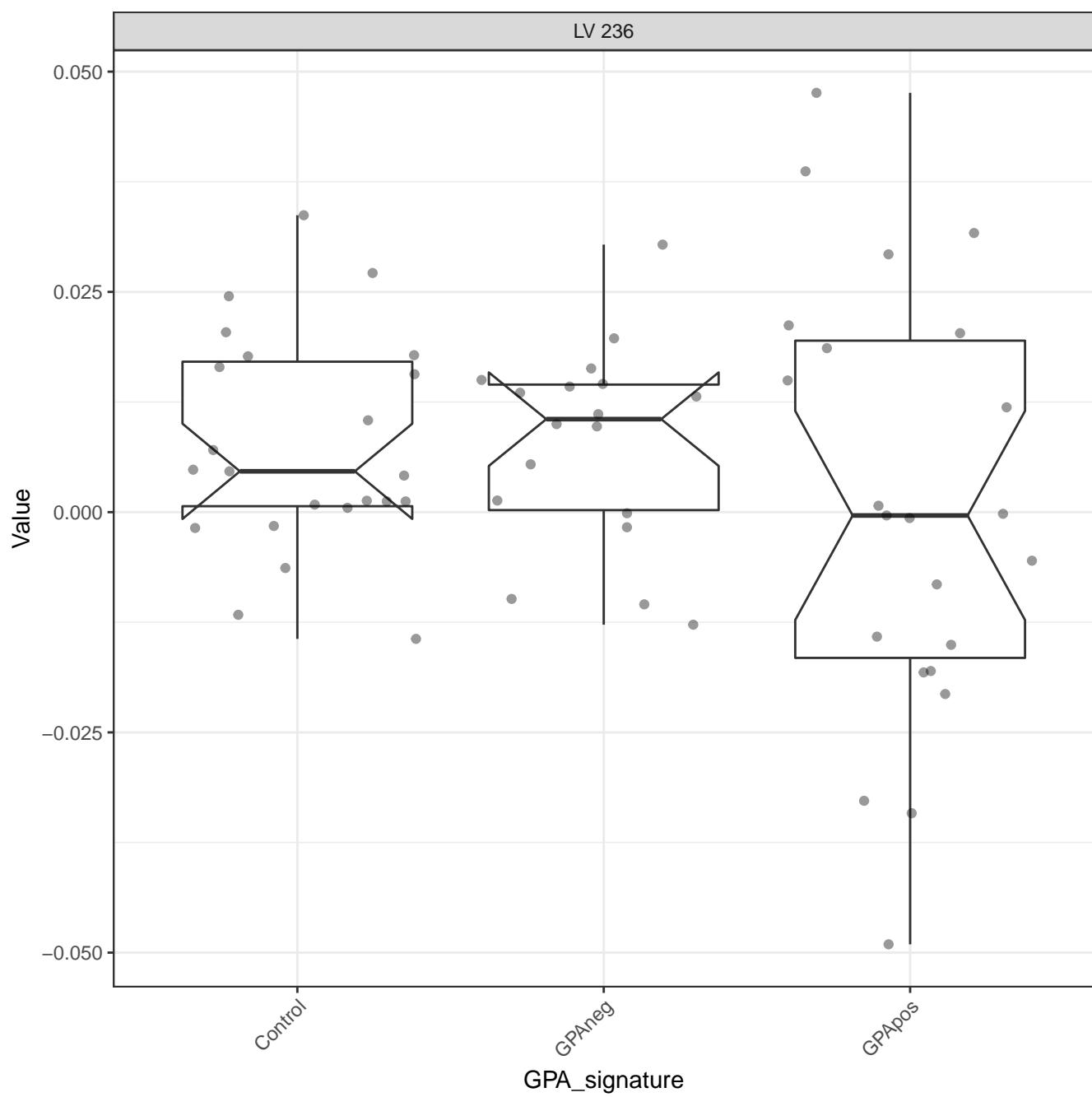
GPAneg

GPAPos

GPA_signature



LV 236



LV 237

Value

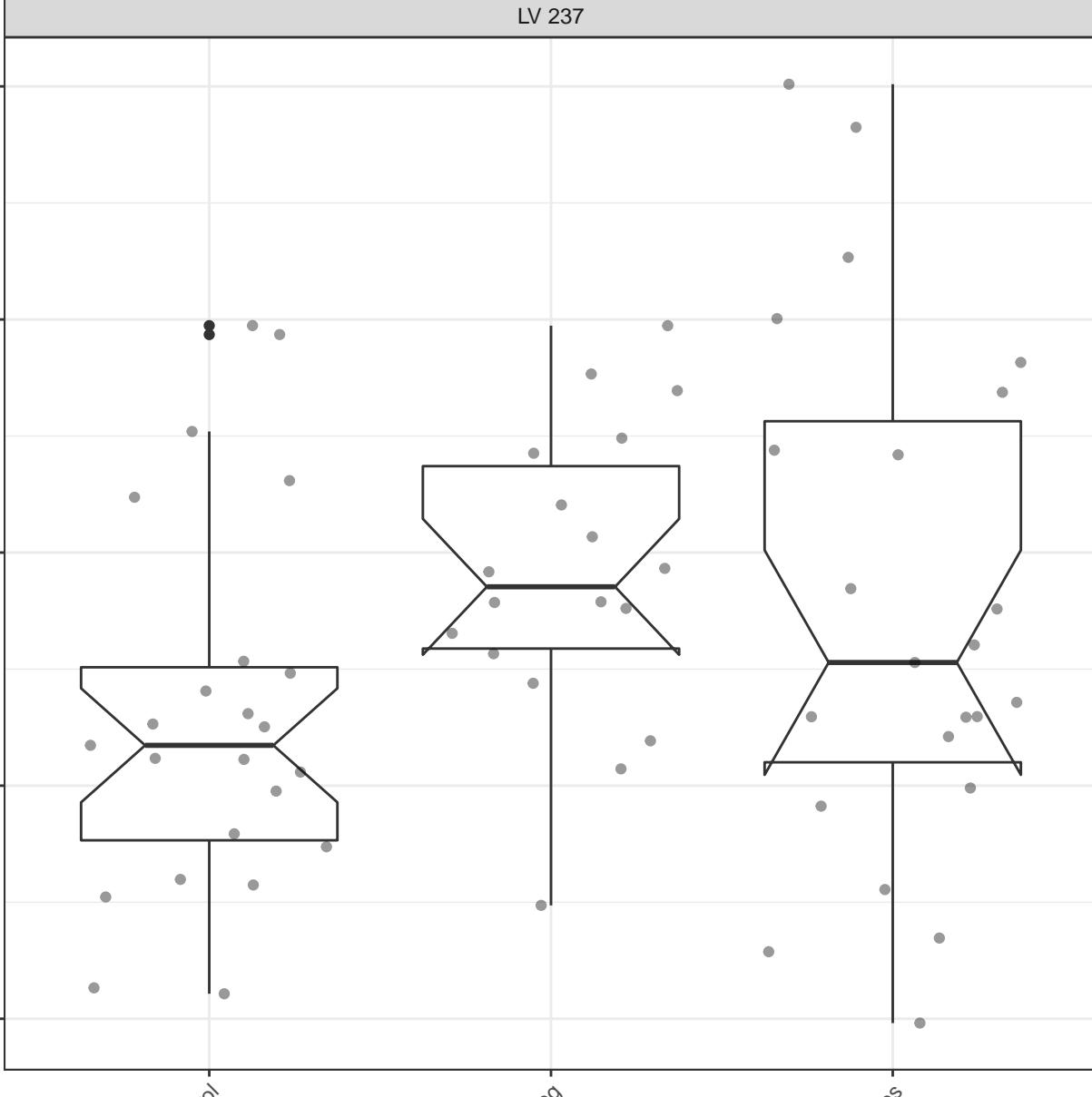
0.06
0.04
0.02
0.00
-0.02

Control

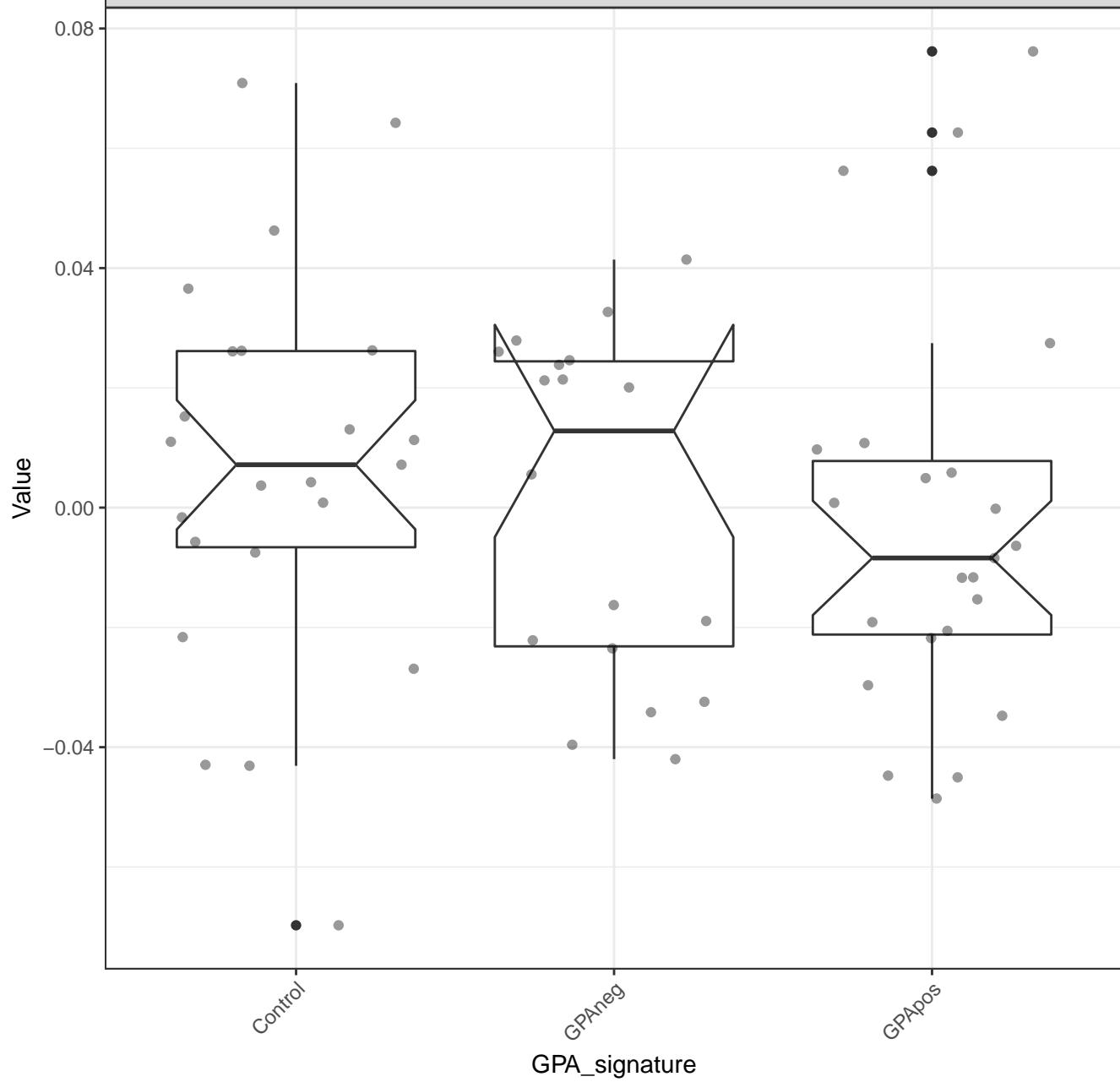
GPAneg

GPApos

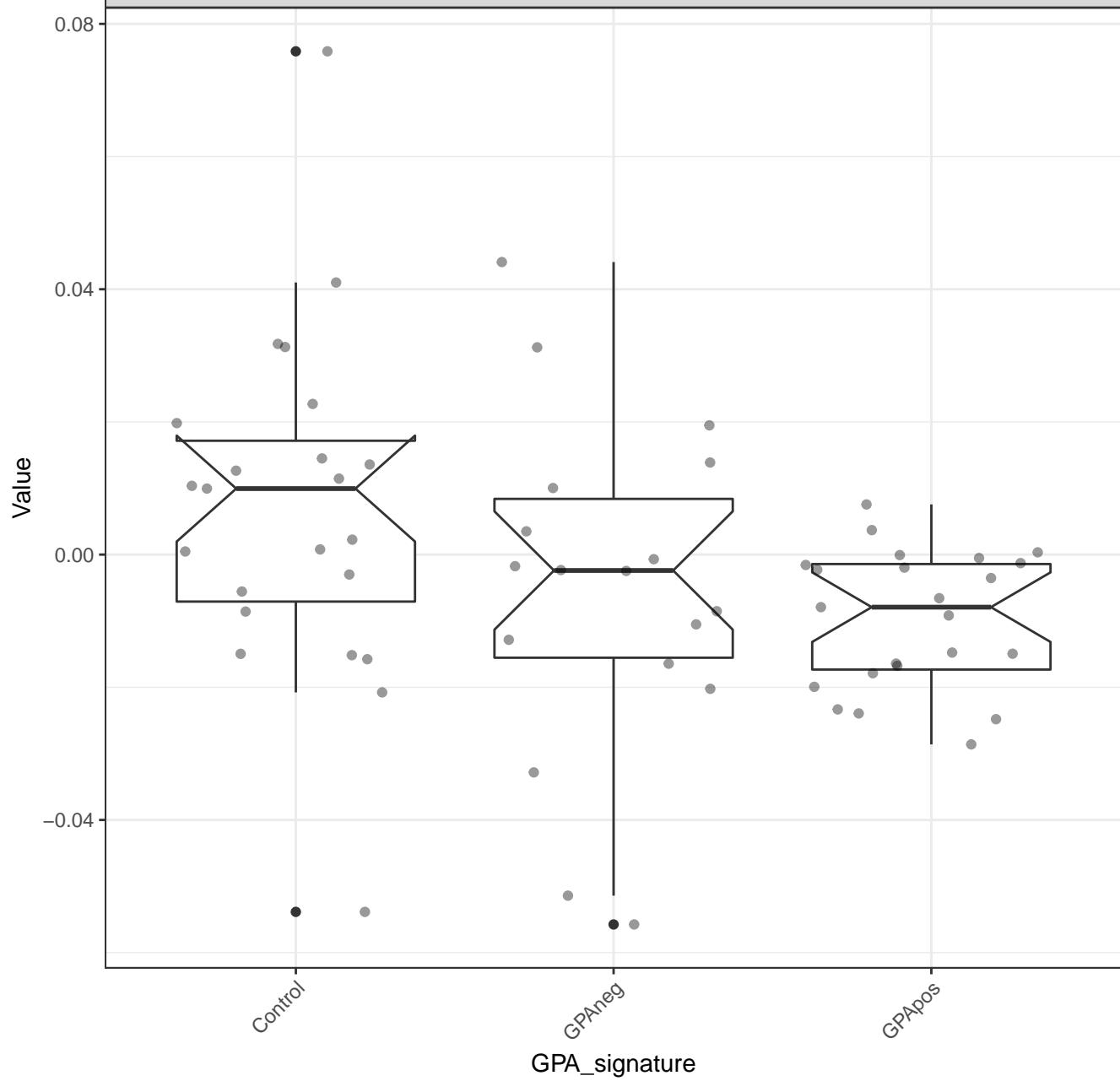
GPA_signature



LV 238



LV 239



LV 240

Value

0.075

0.050

0.025

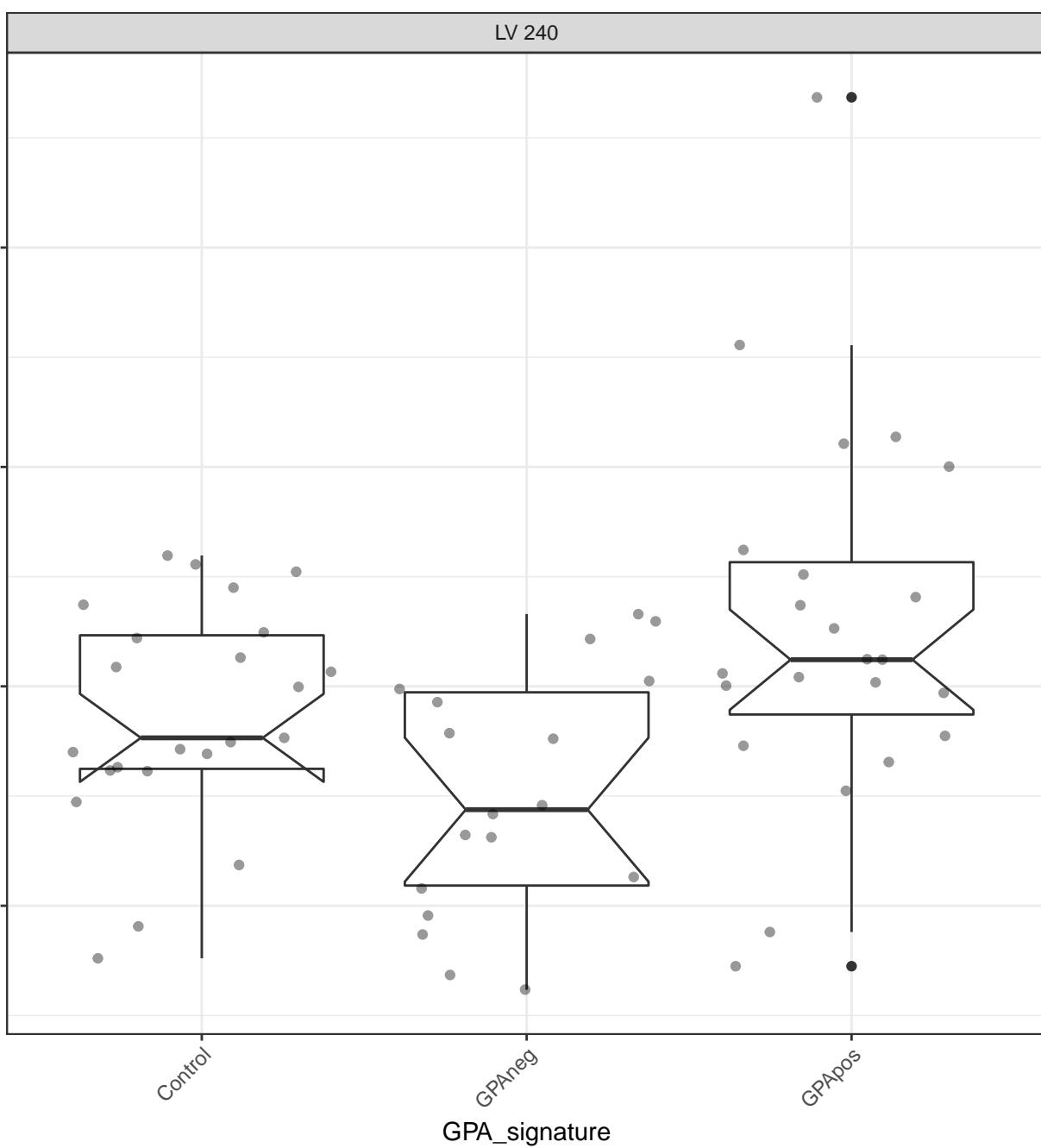
0.000

Control

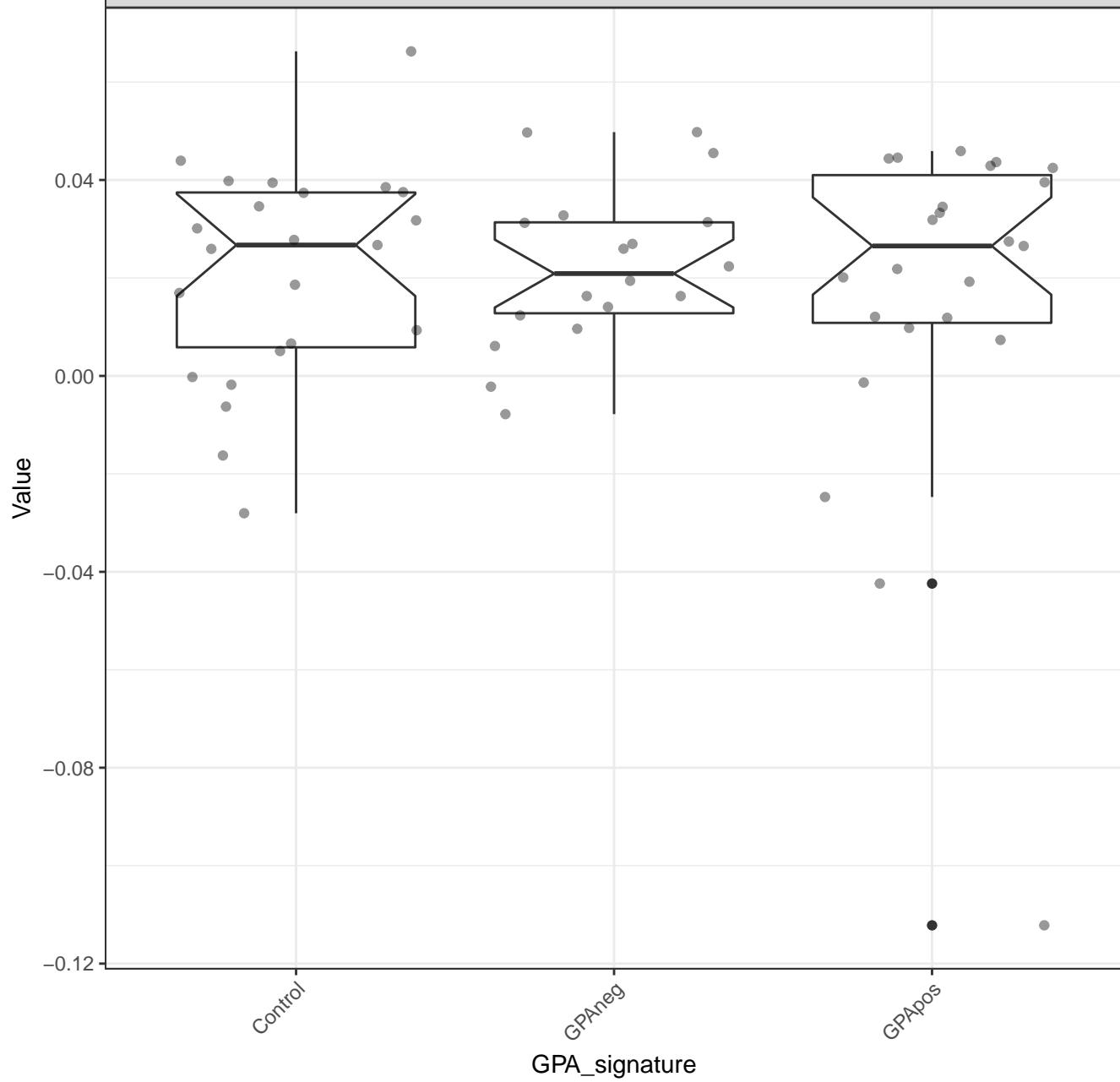
GPAneg

GPAPos

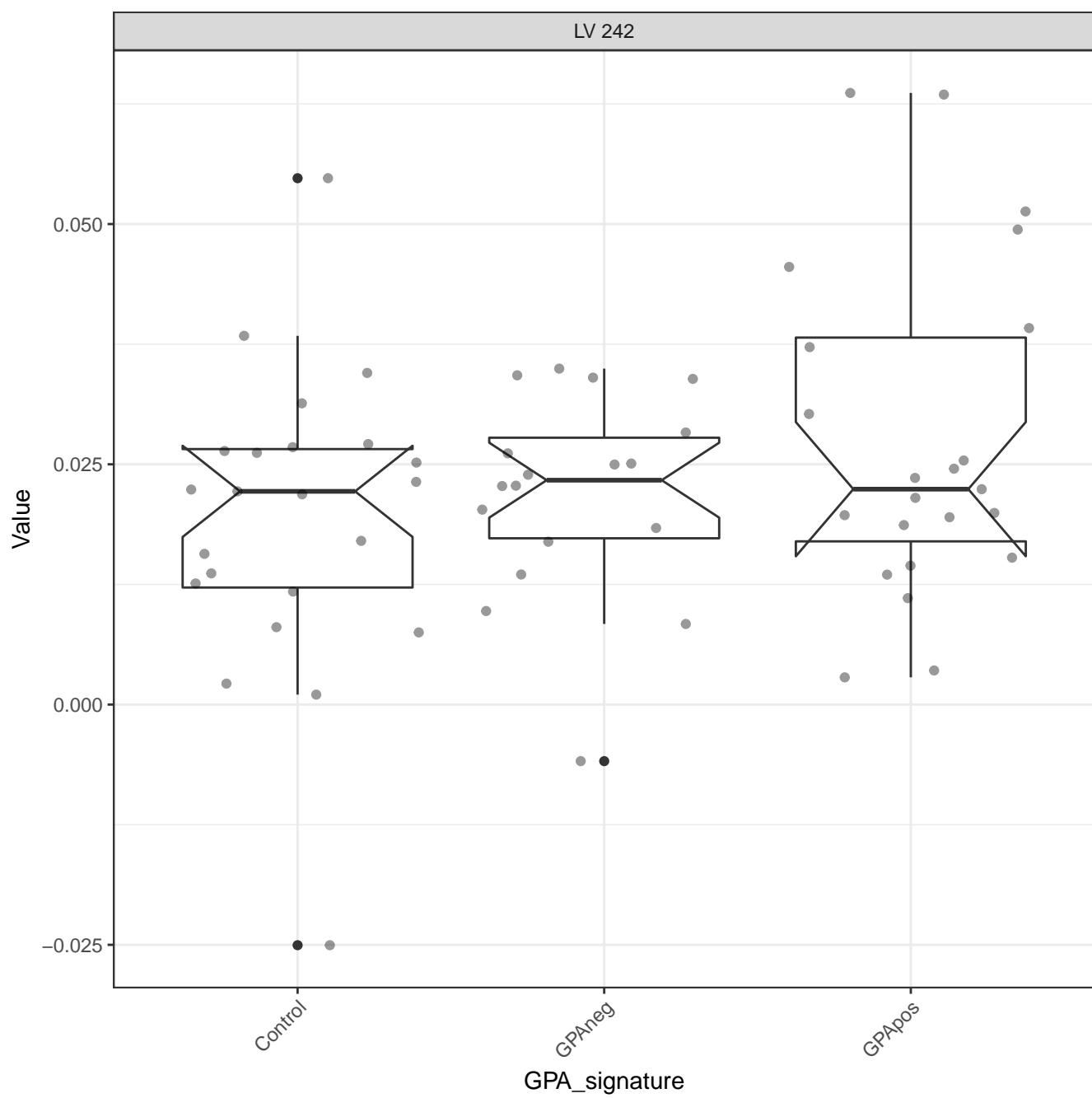
GPA_signature



LV 241



LV 242



Value

0.05

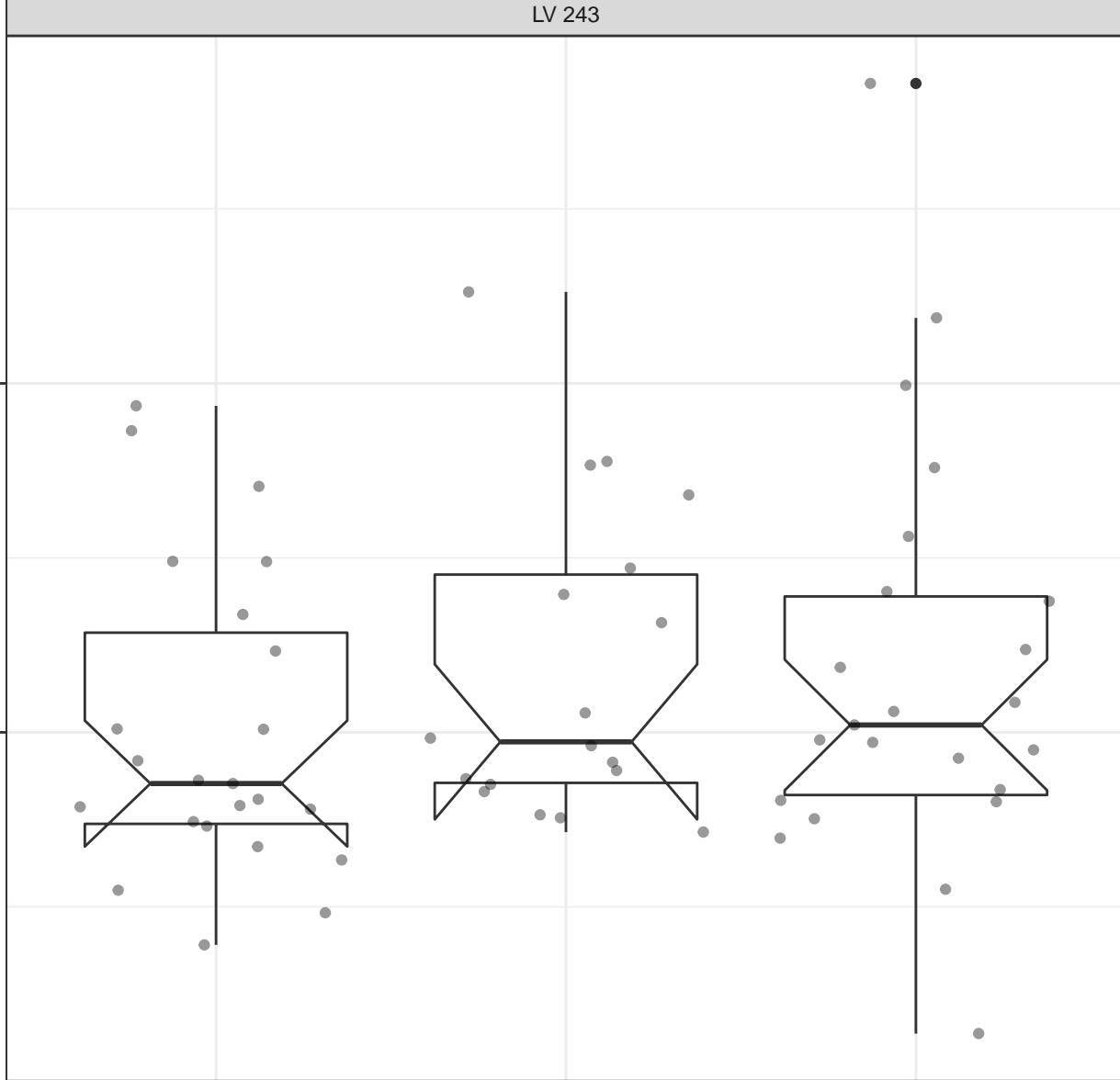
0.00

Control

GPA_signature

GPAneg

GPApos



LV 244

Value

0.025

0.000

-0.025

-0.050

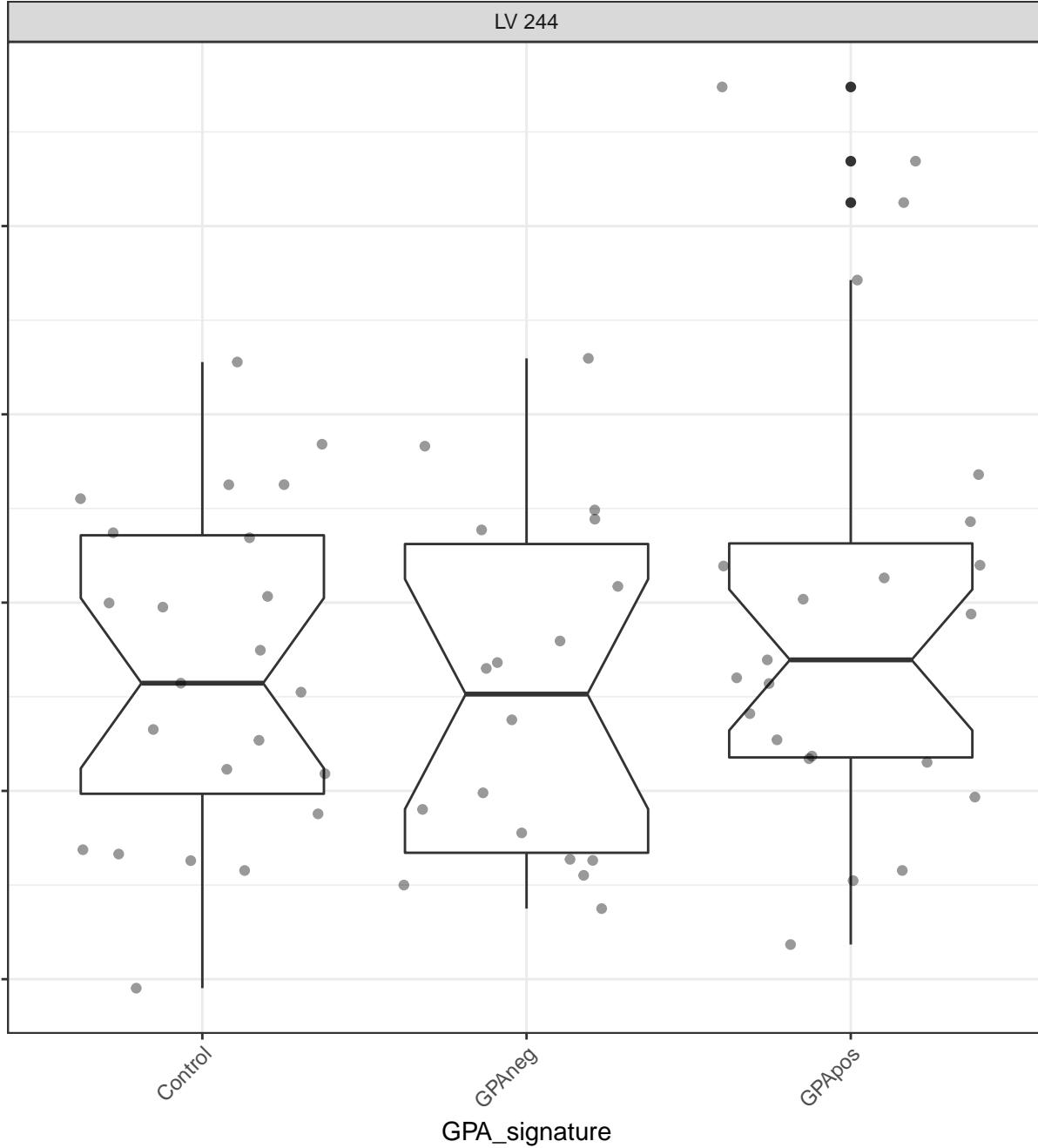
-0.075

Control

GPAneg

GPAPos

GPA_signature



LV 245

Value

0.00

-0.05

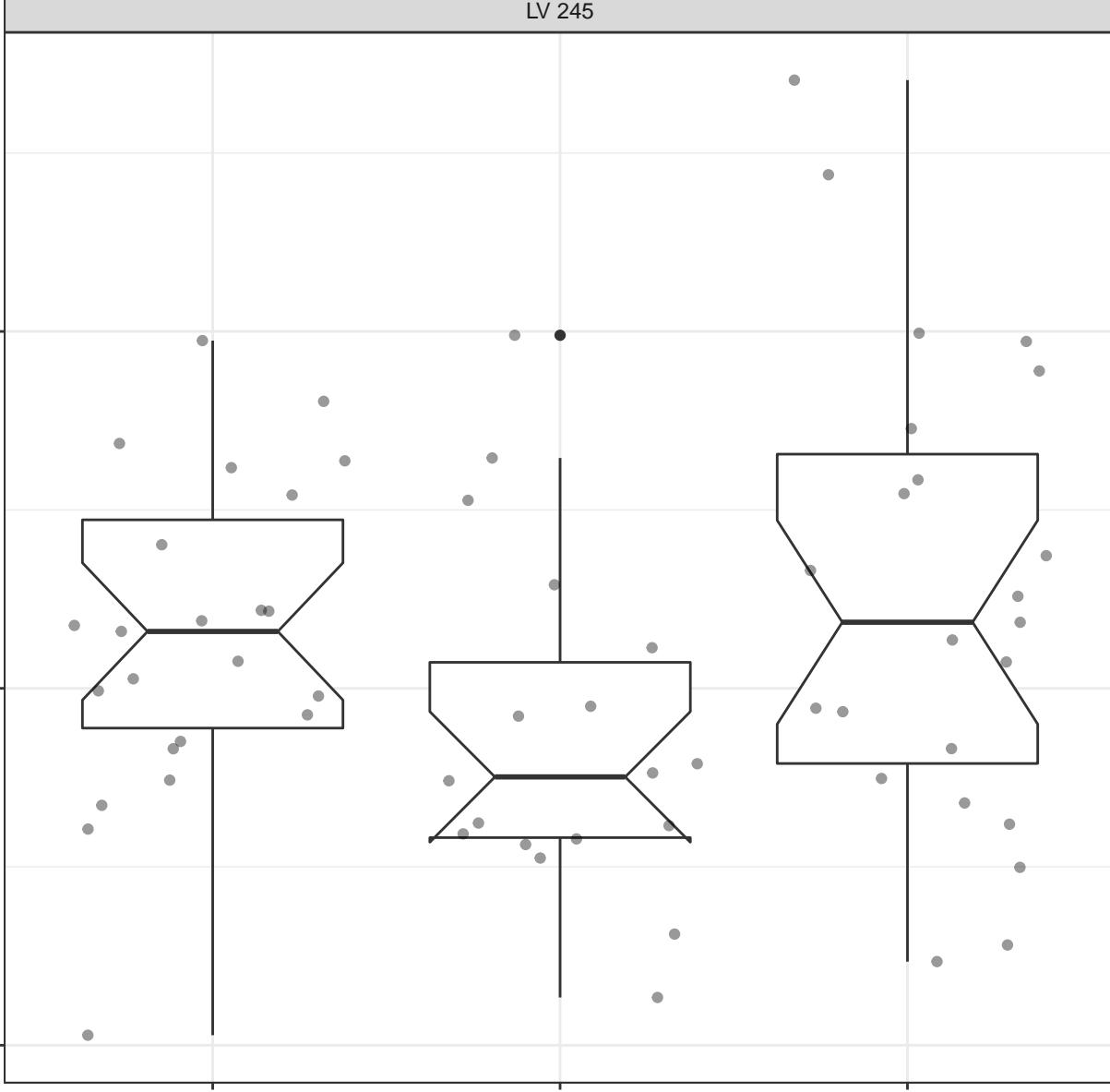
-0.10

Control

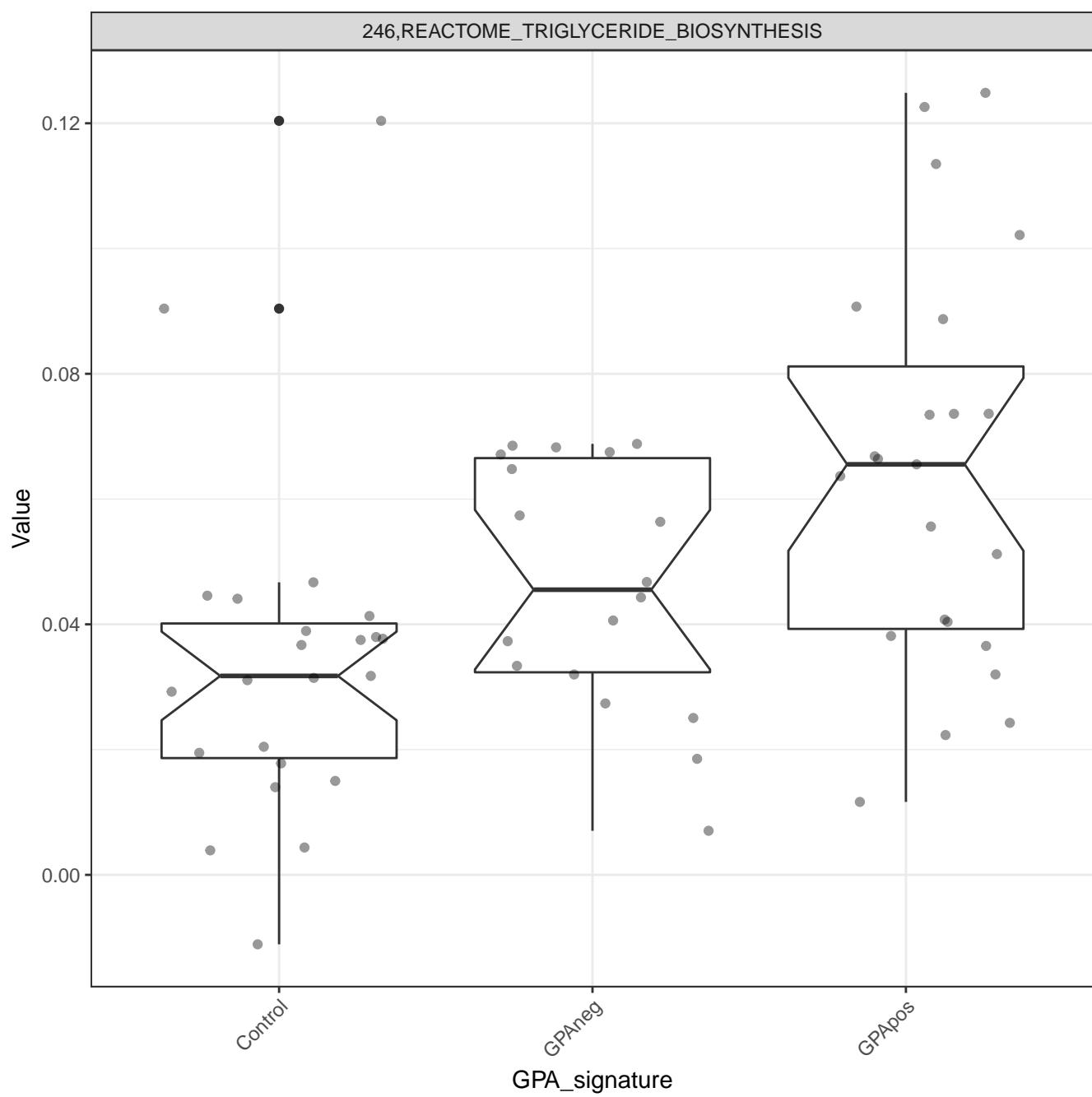
GPAneg

GPApos

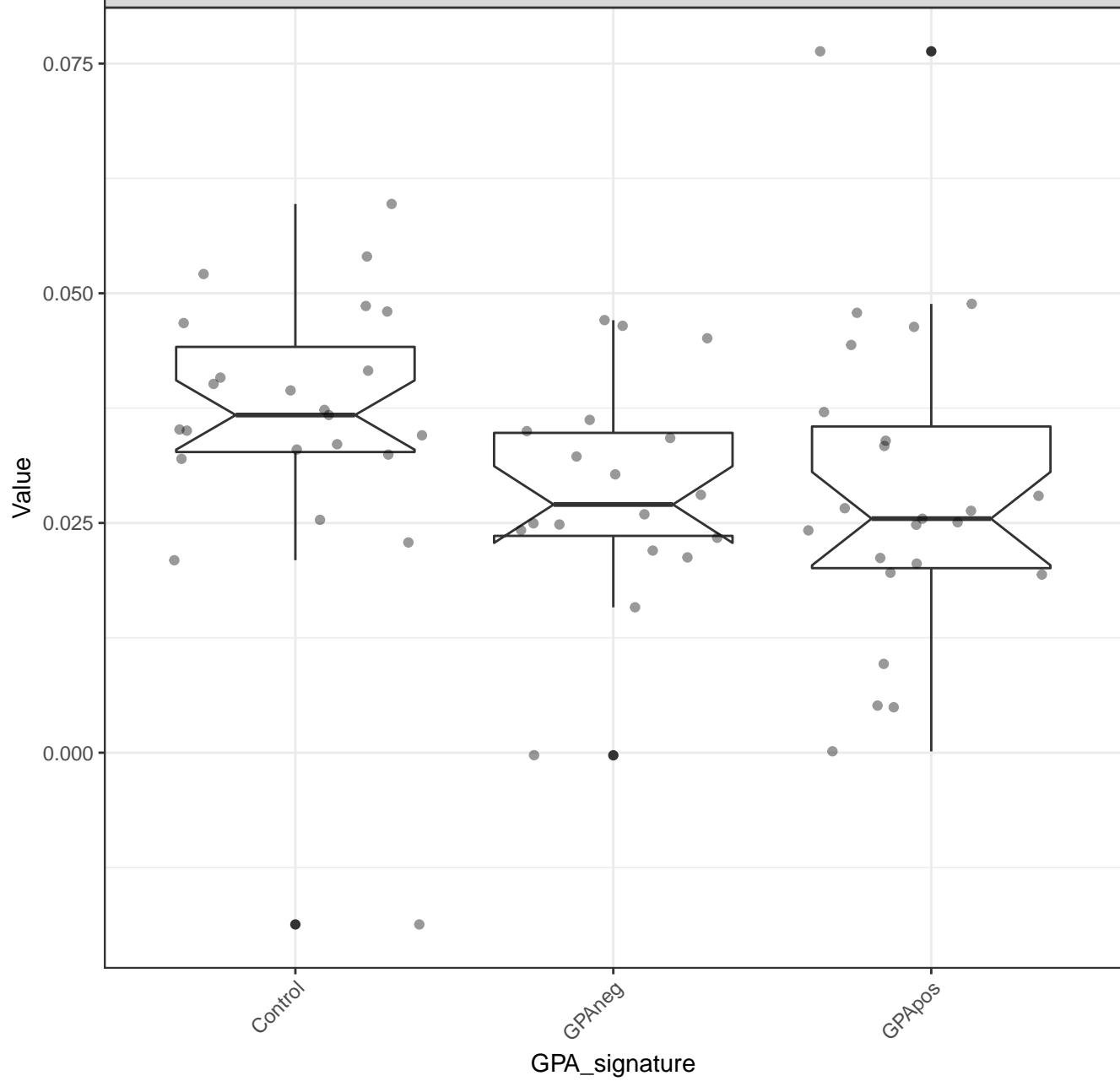
GPA_signature



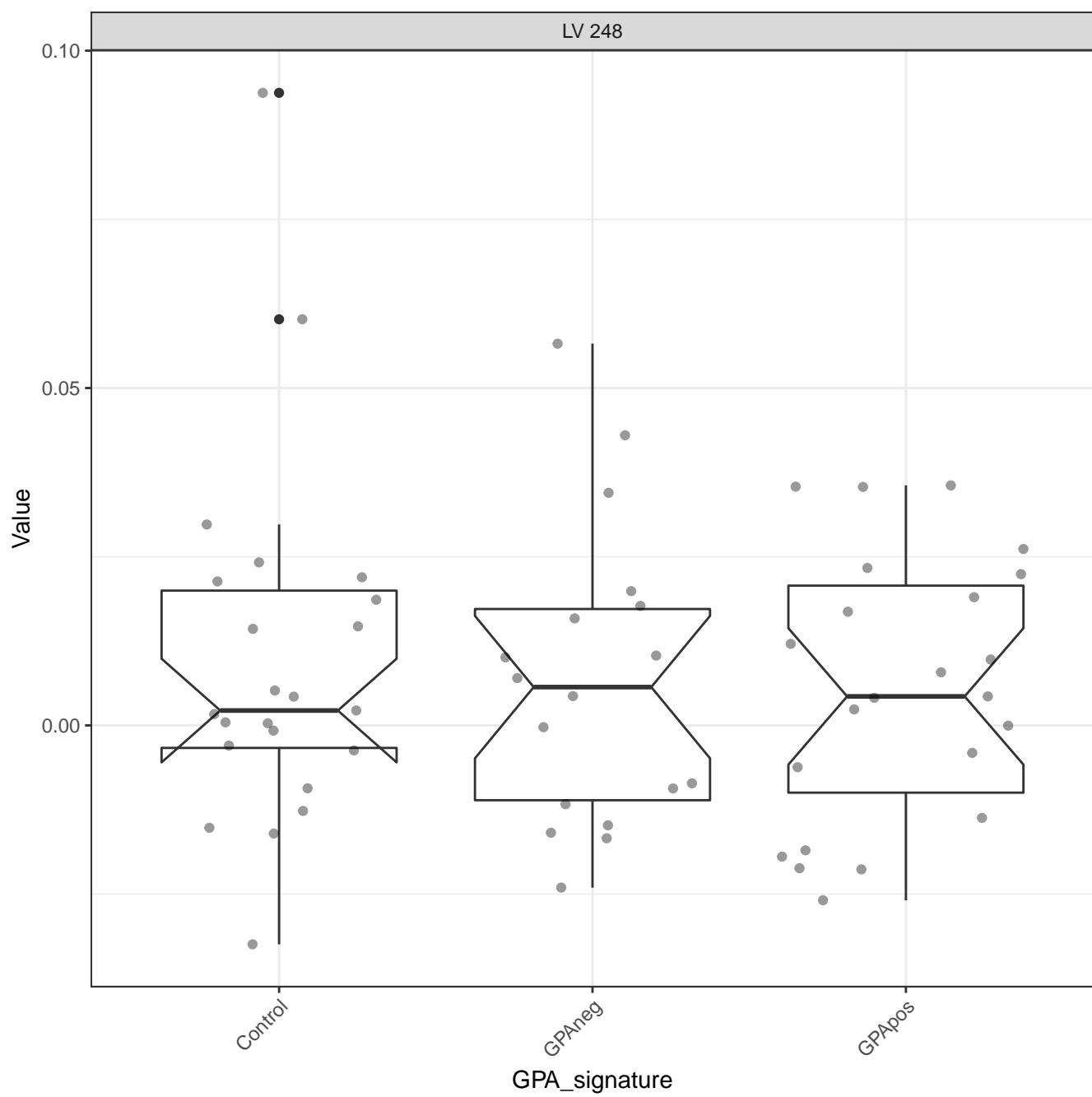
246,REACTOME_TRIGLYCERIDE BIOSYNTHESIS



LV 247

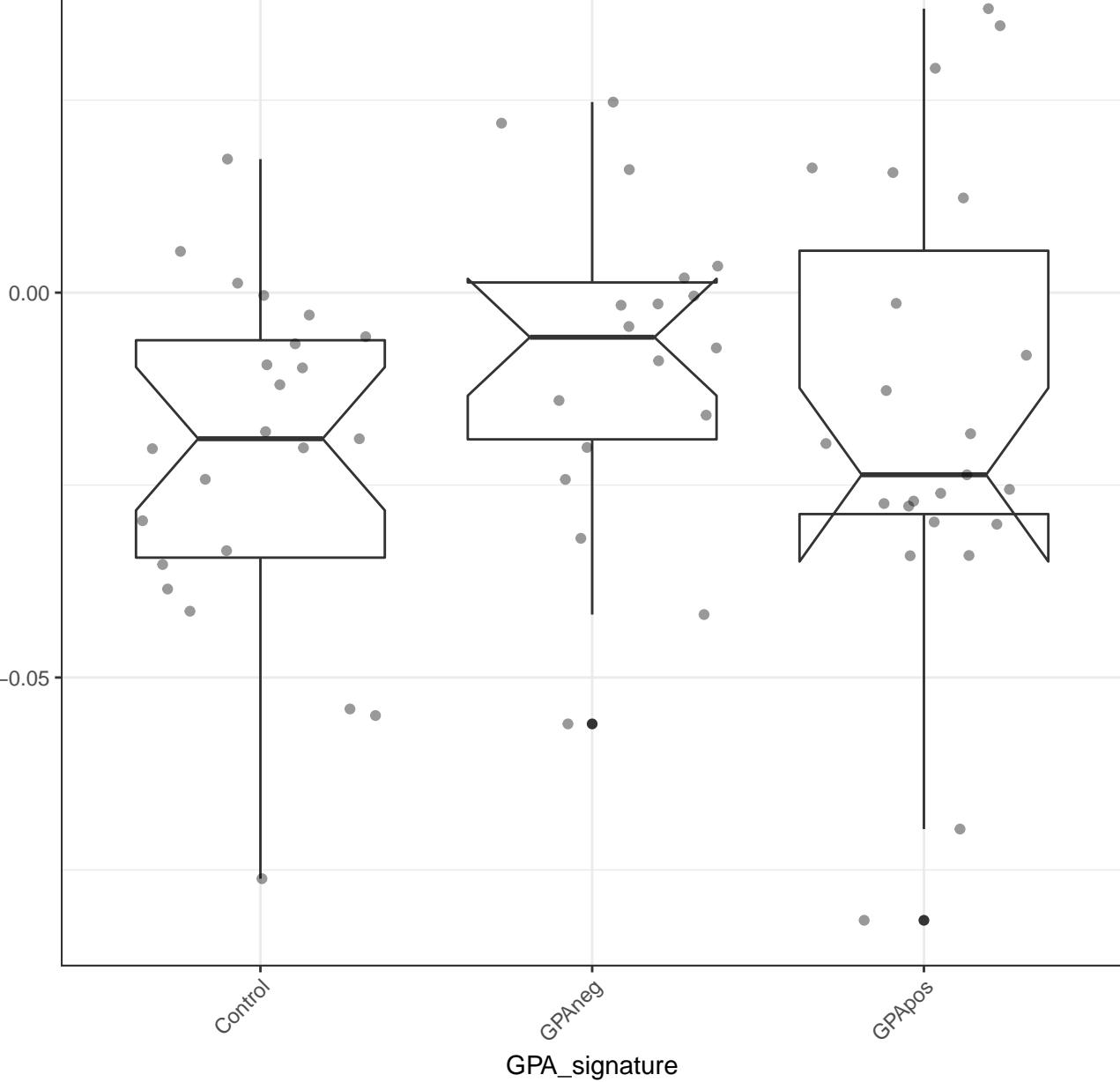


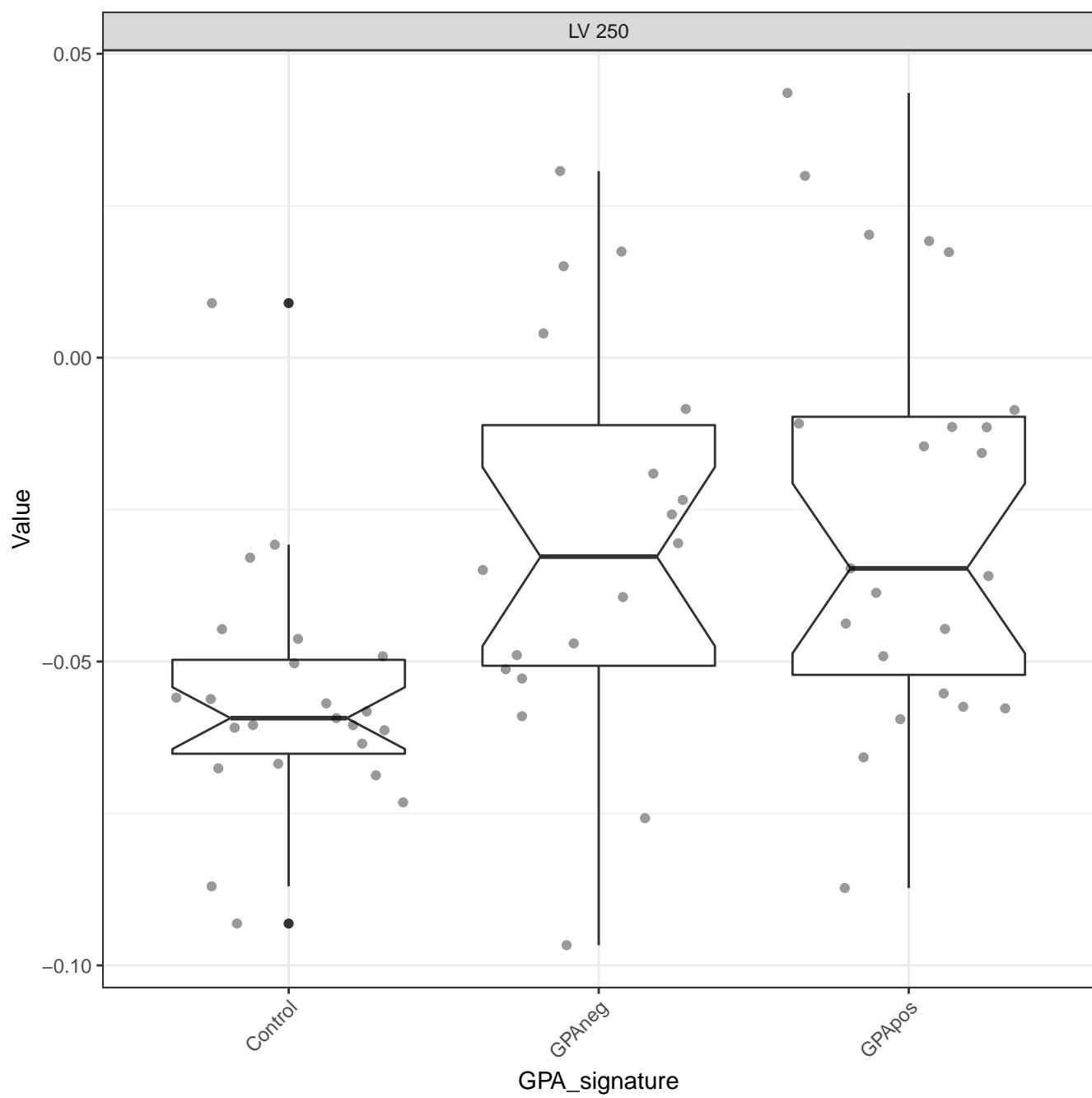
LV 248



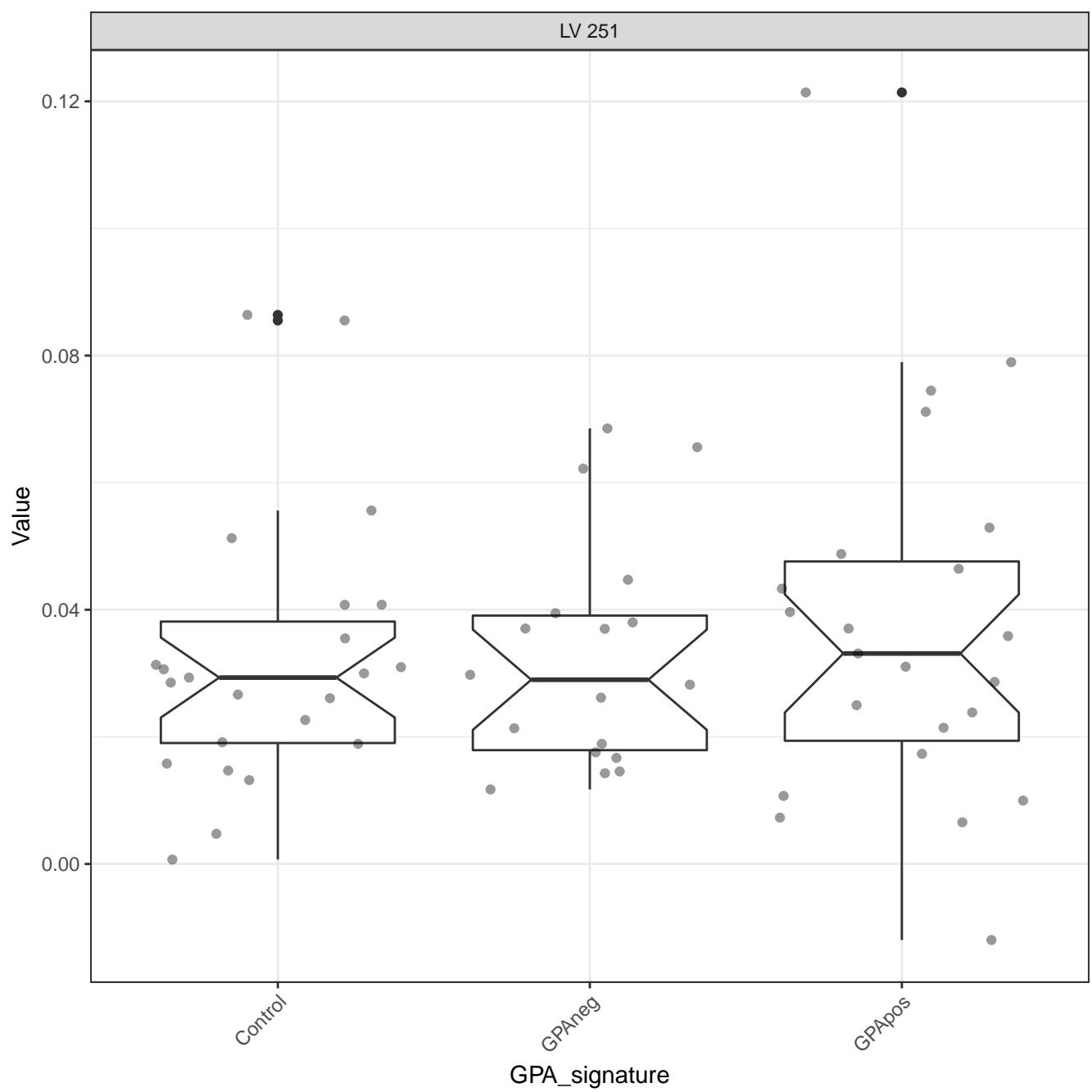
LV 249

Value

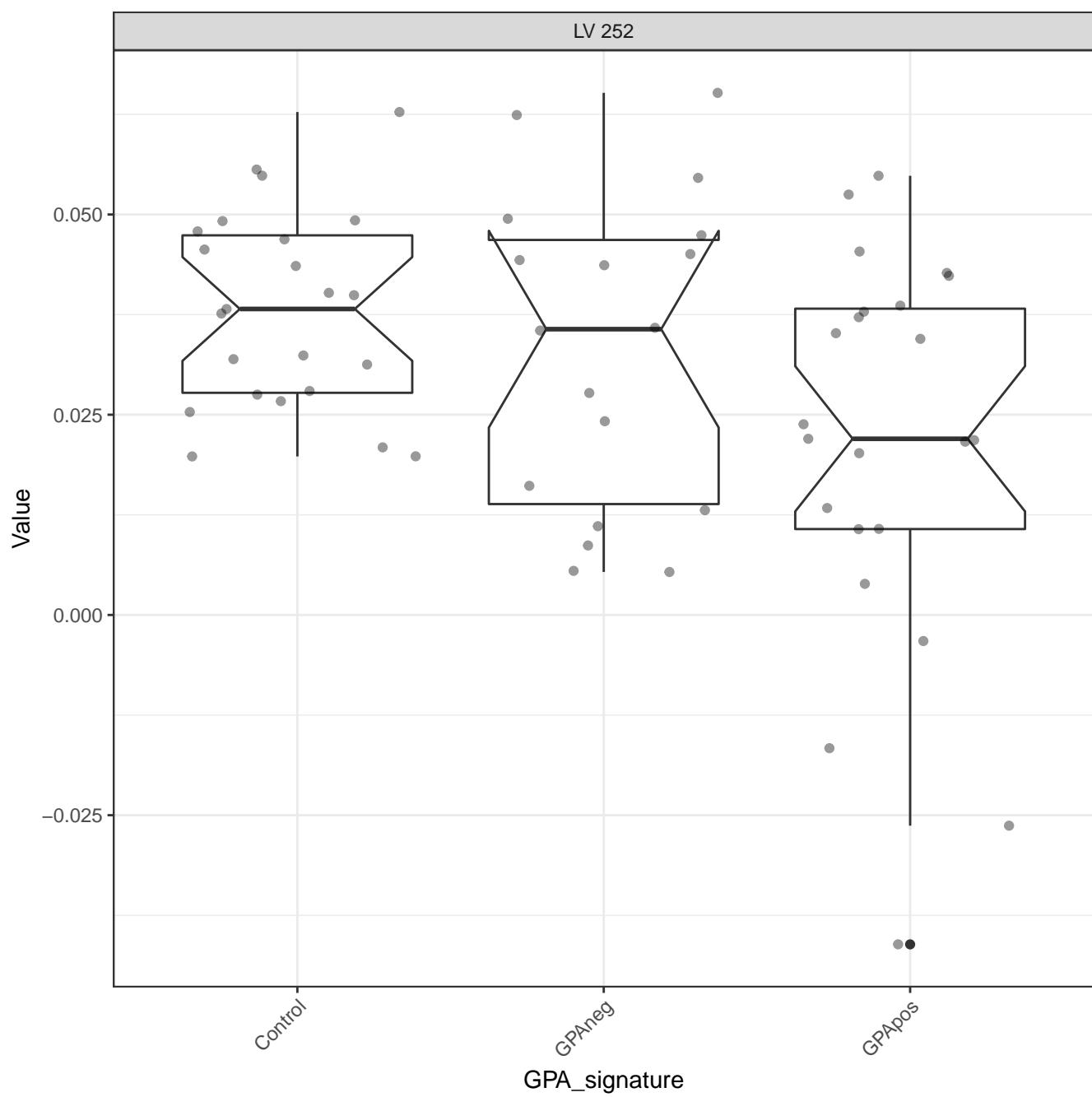


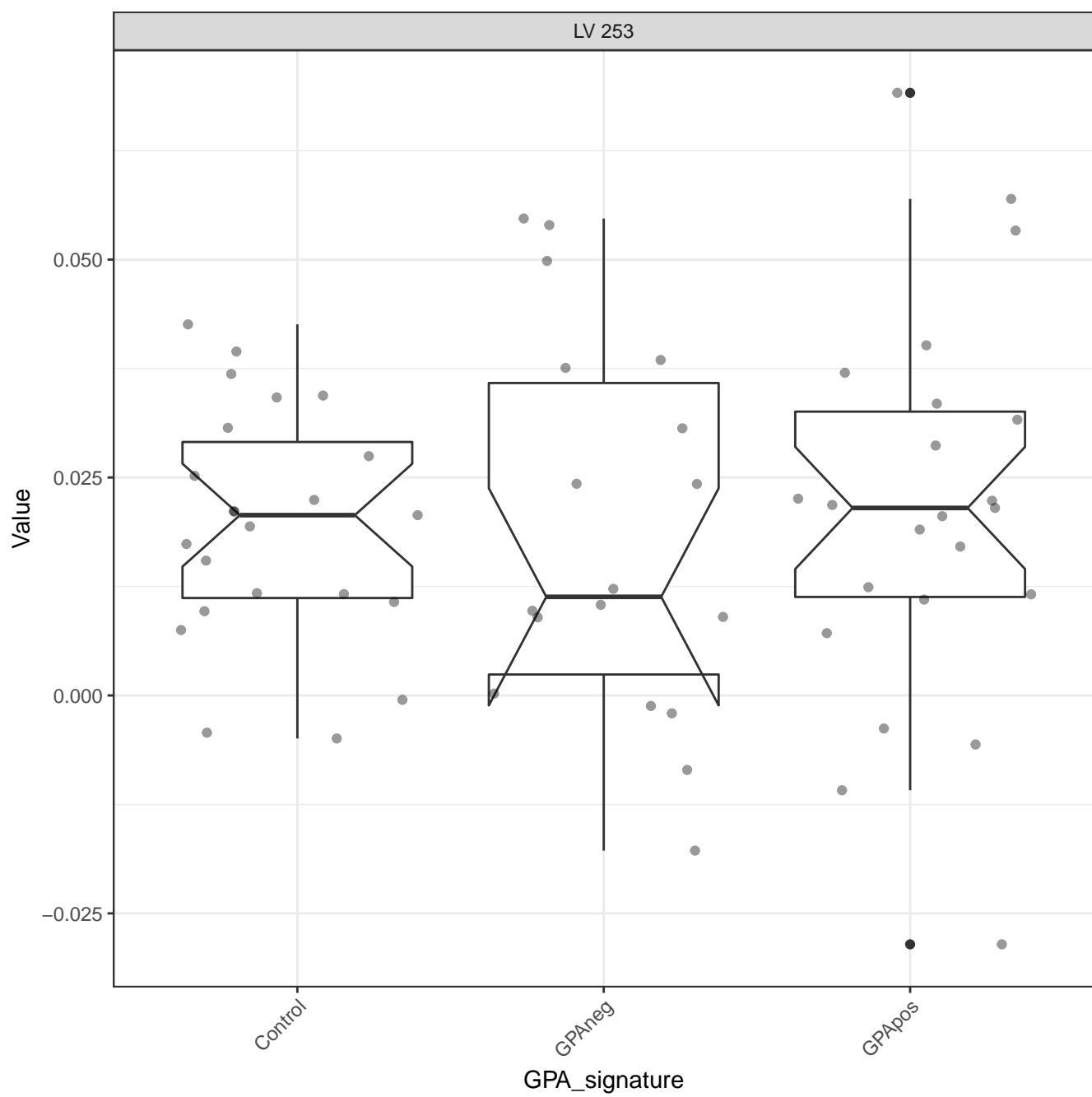


LV 251

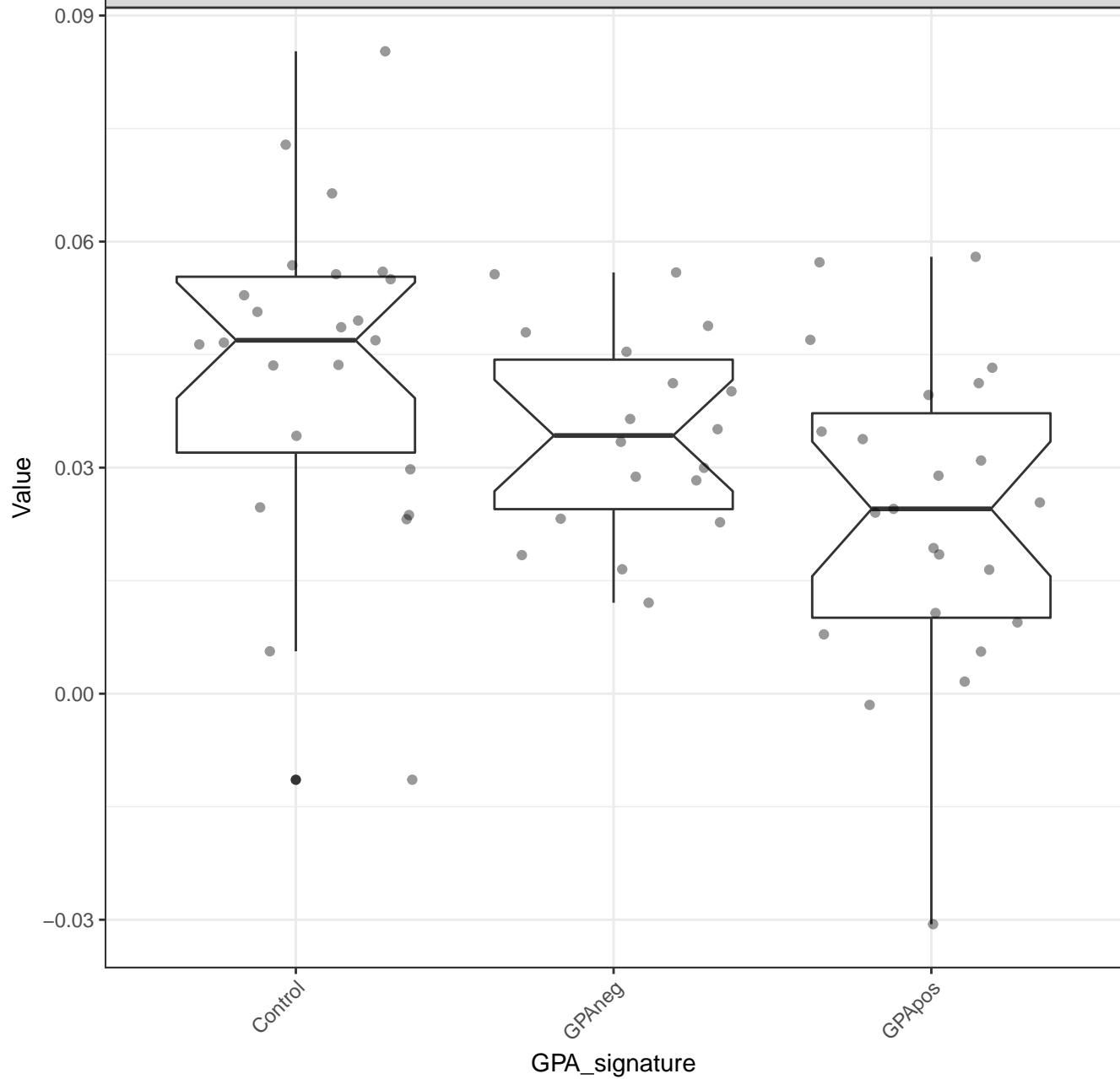


LV 252

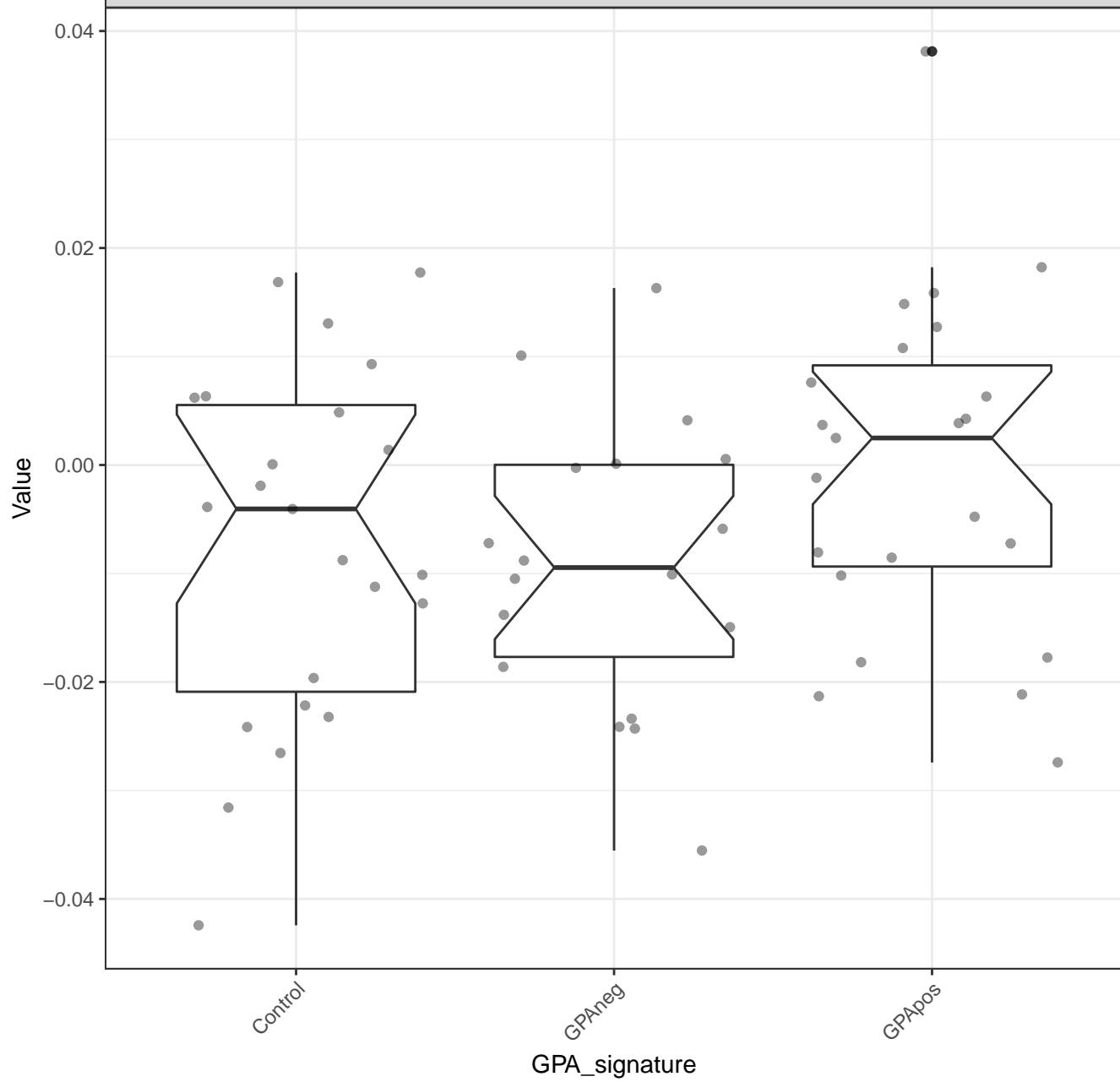




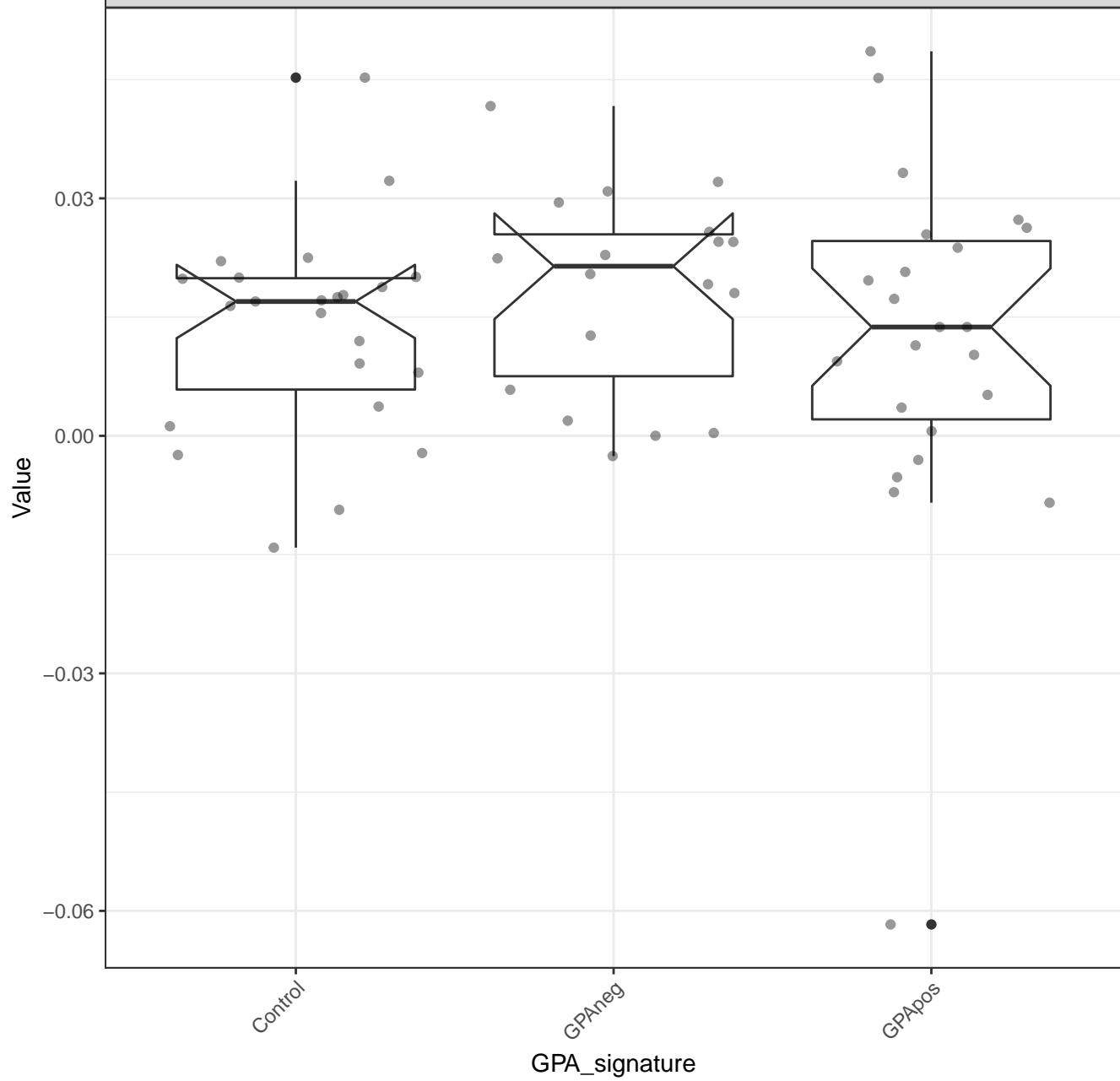
LV 254



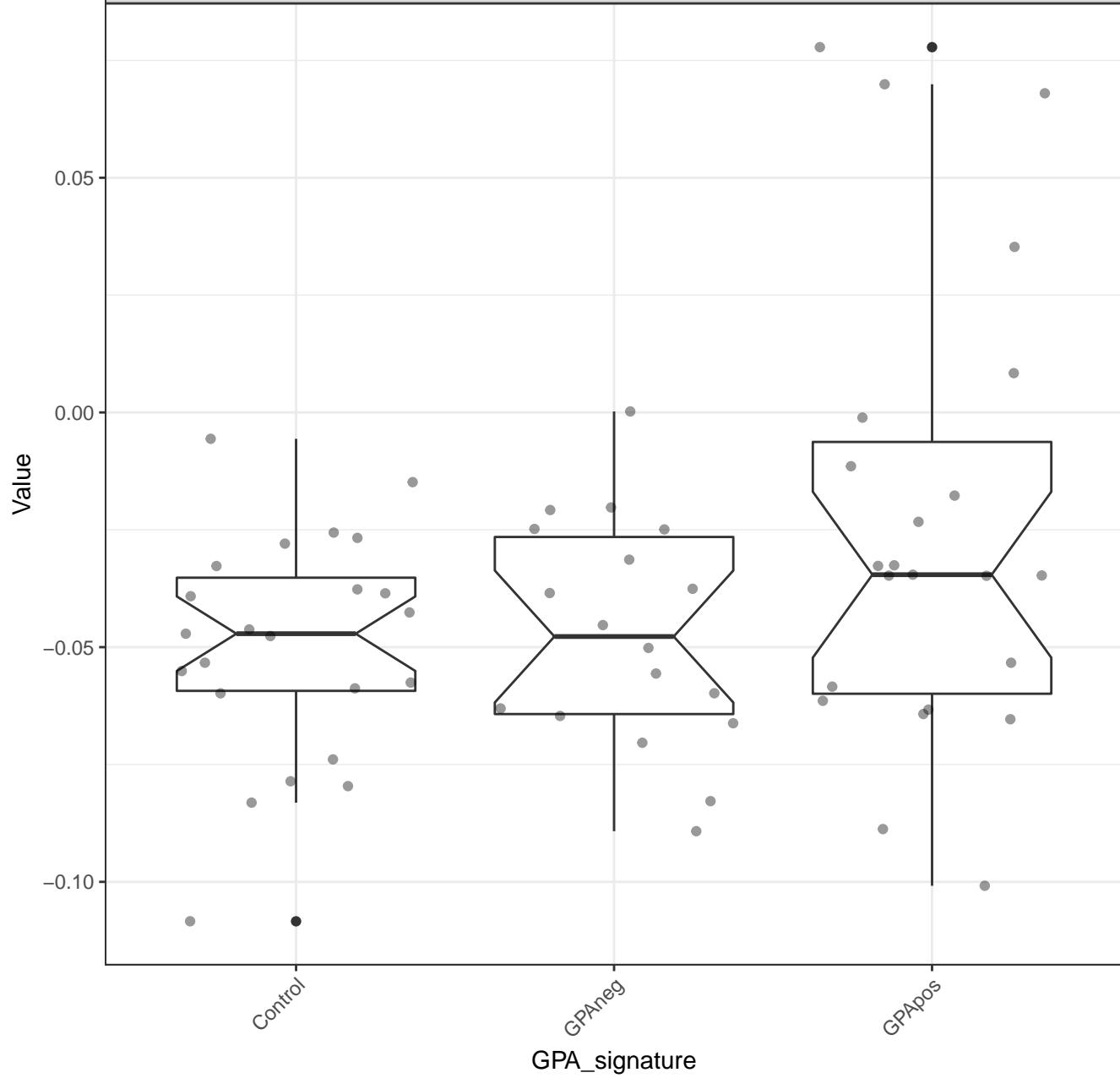
LV 255



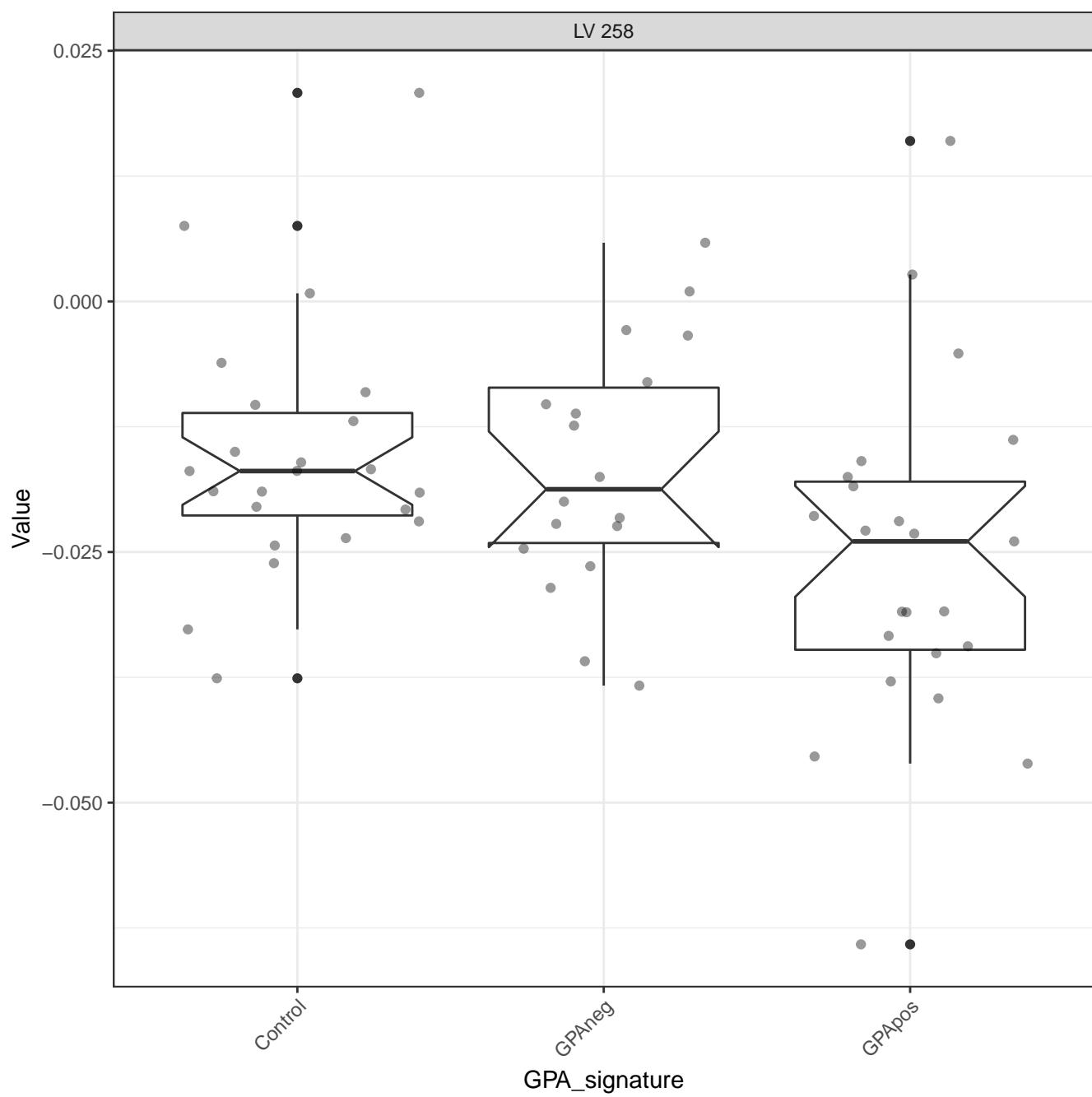
LV 256



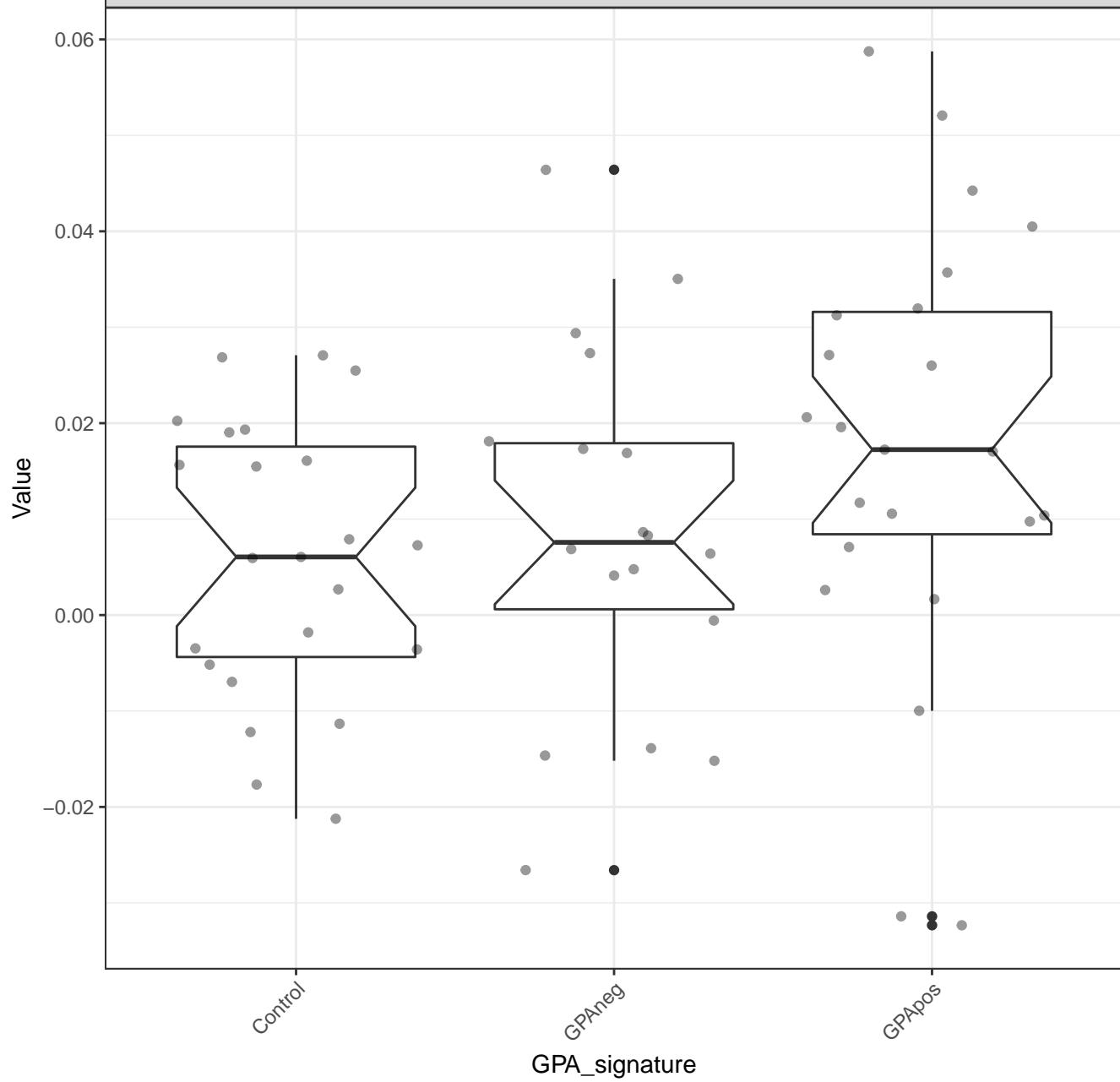
257,KEGG_DILATED_CARDIOMYOPATHY



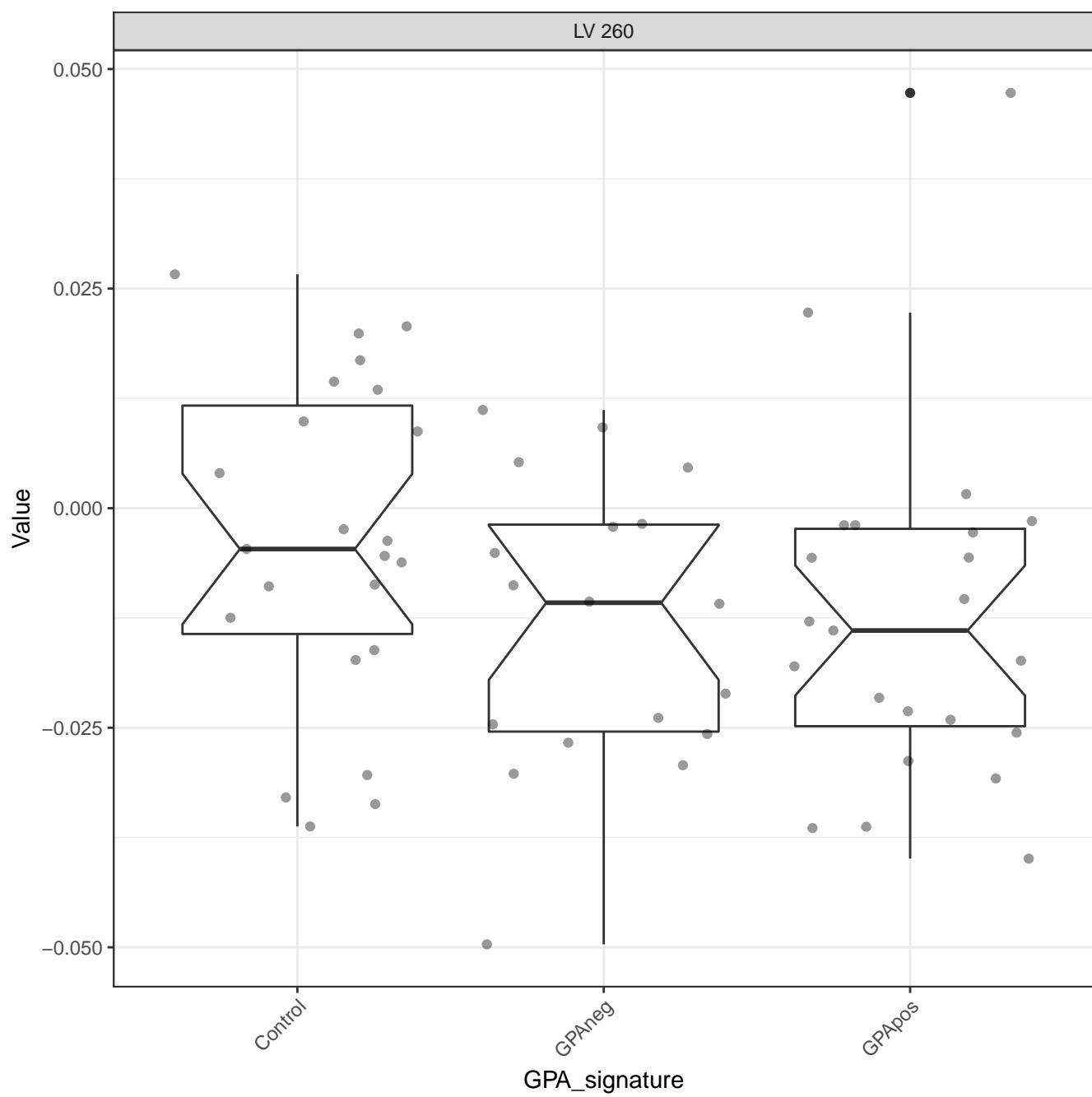
LV 258



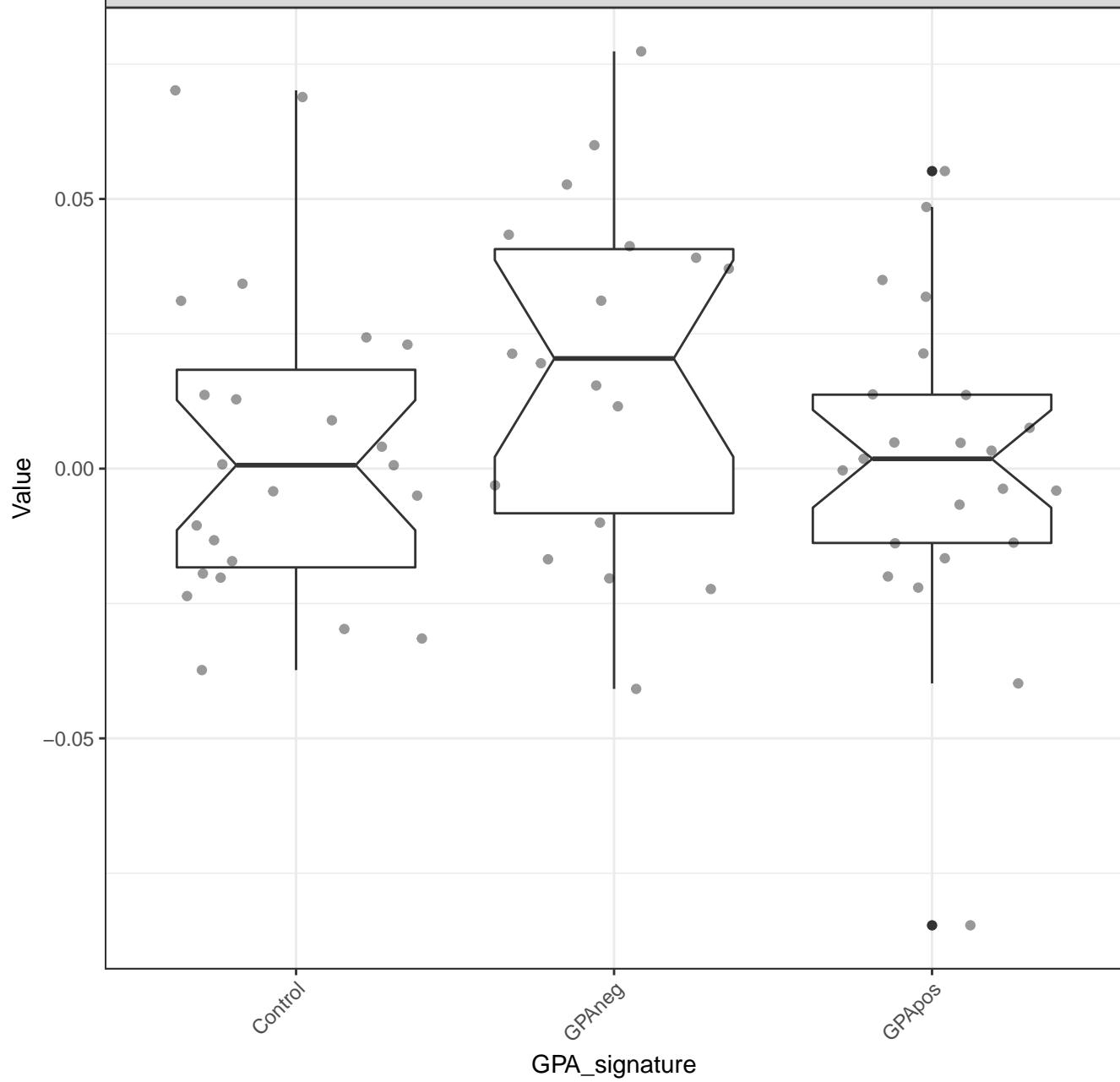
LV 259



LV 260



LV 261



LV 262

Value

0.04

0.02

0.00

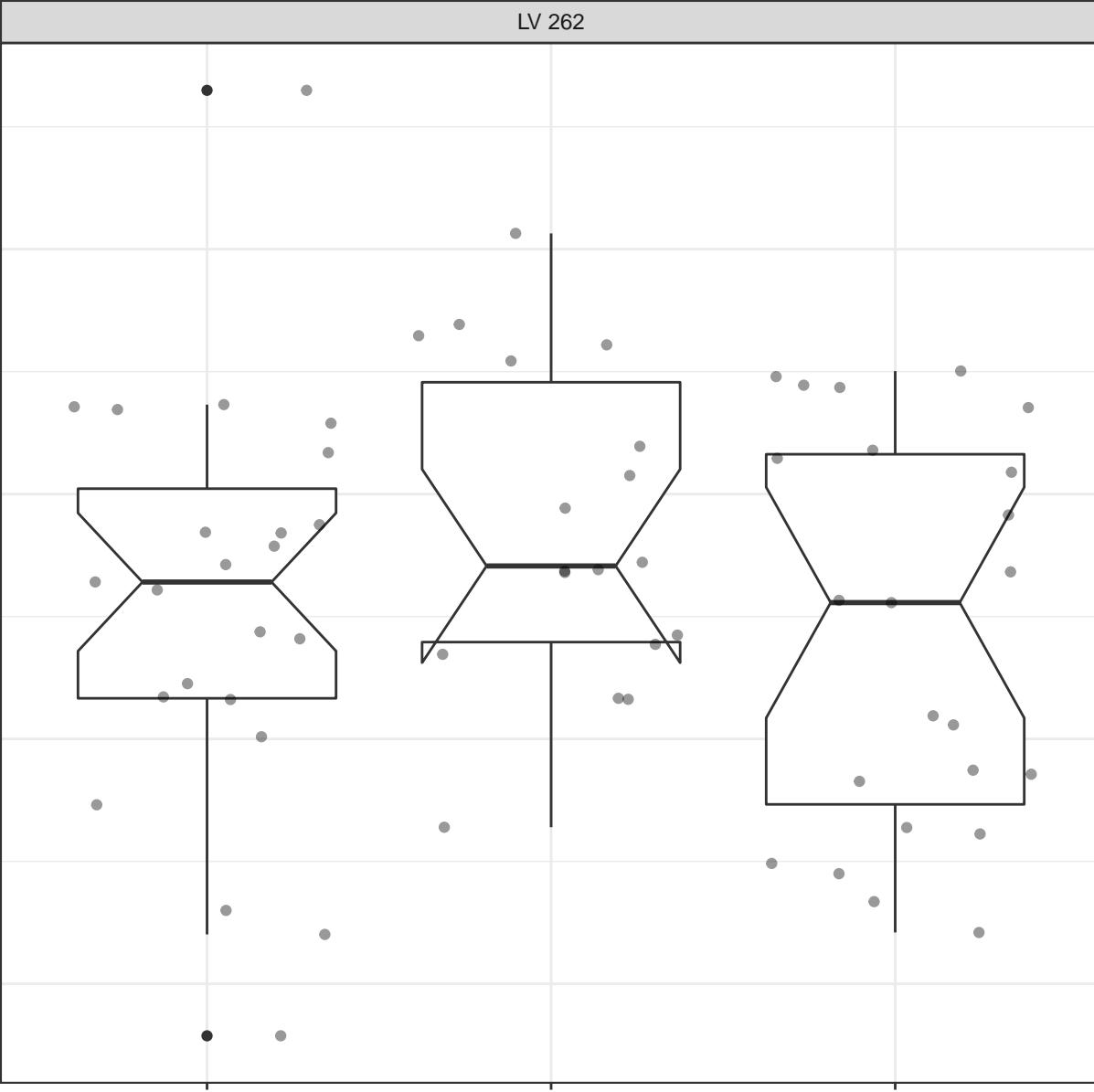
-0.02

Control

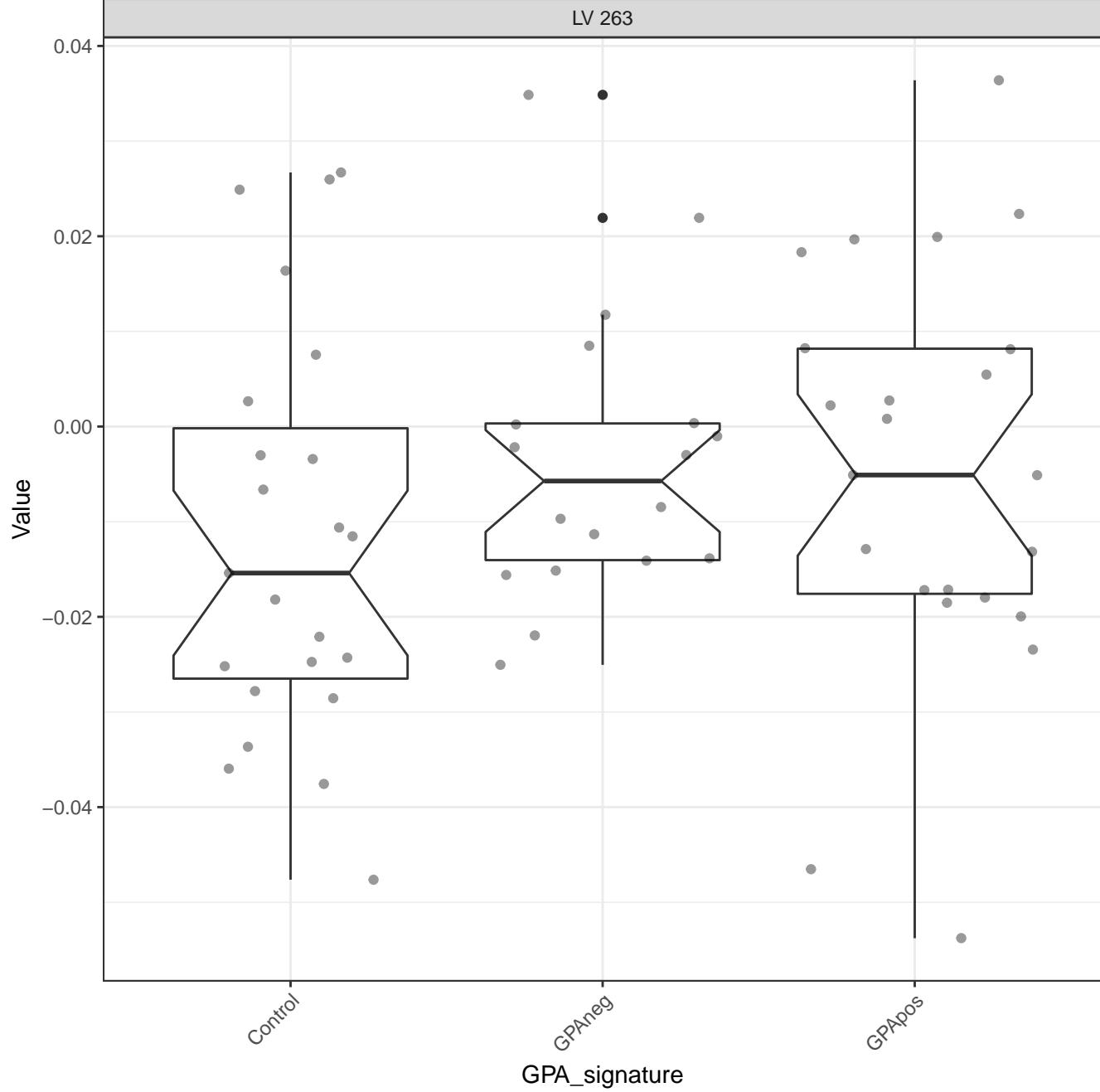
GPA_signature

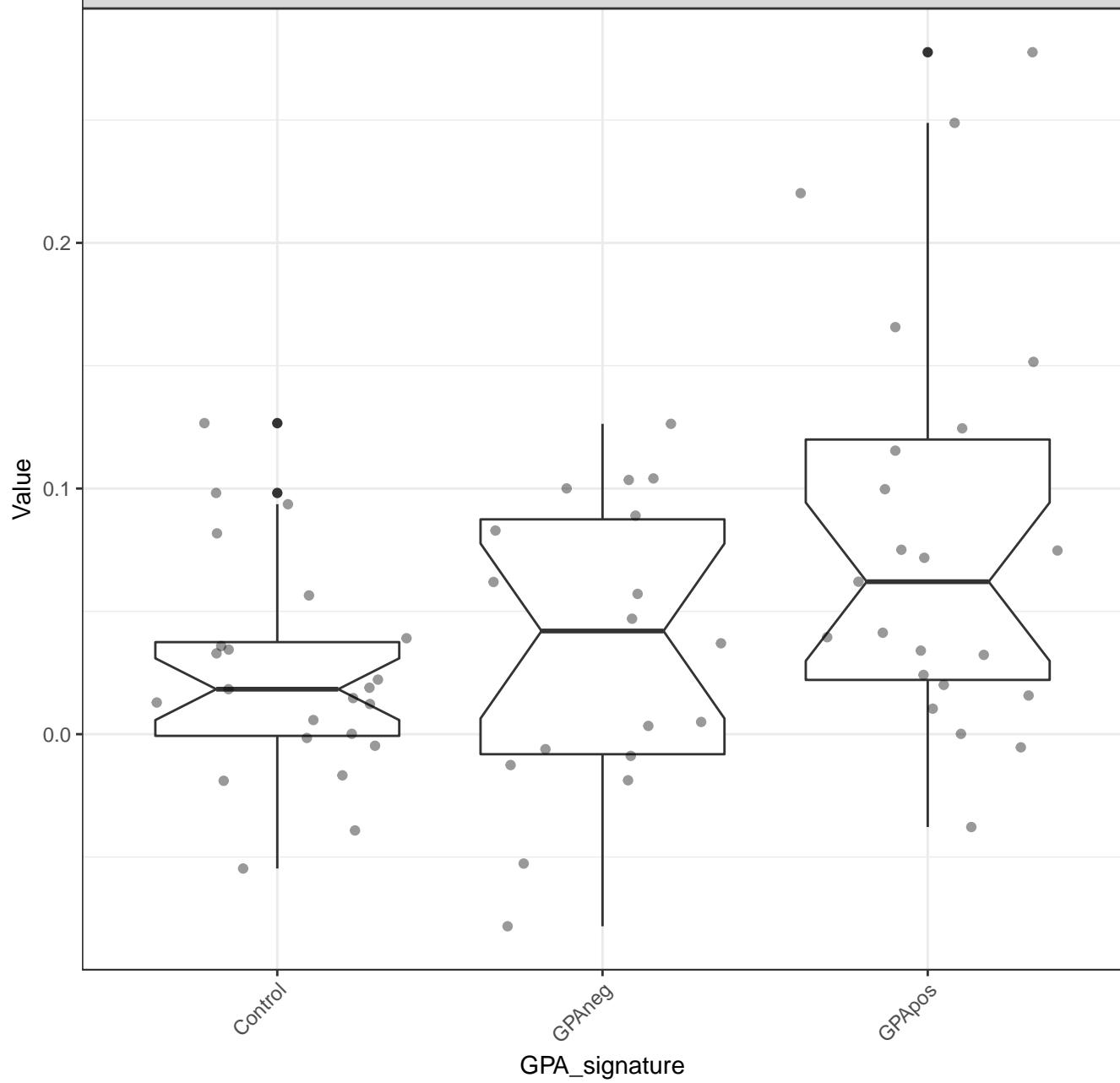
GPAneg

GPApos

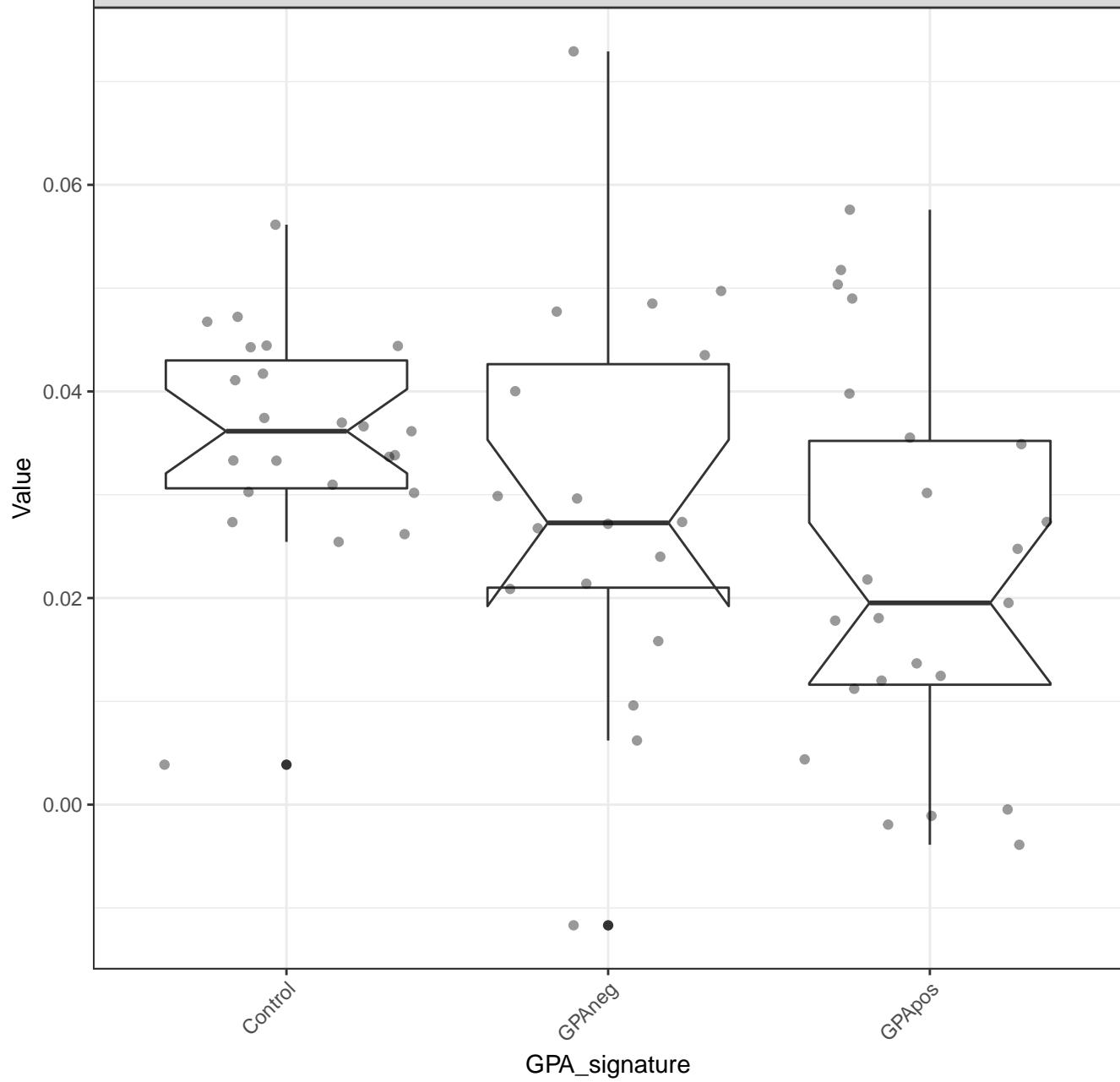


LV 263

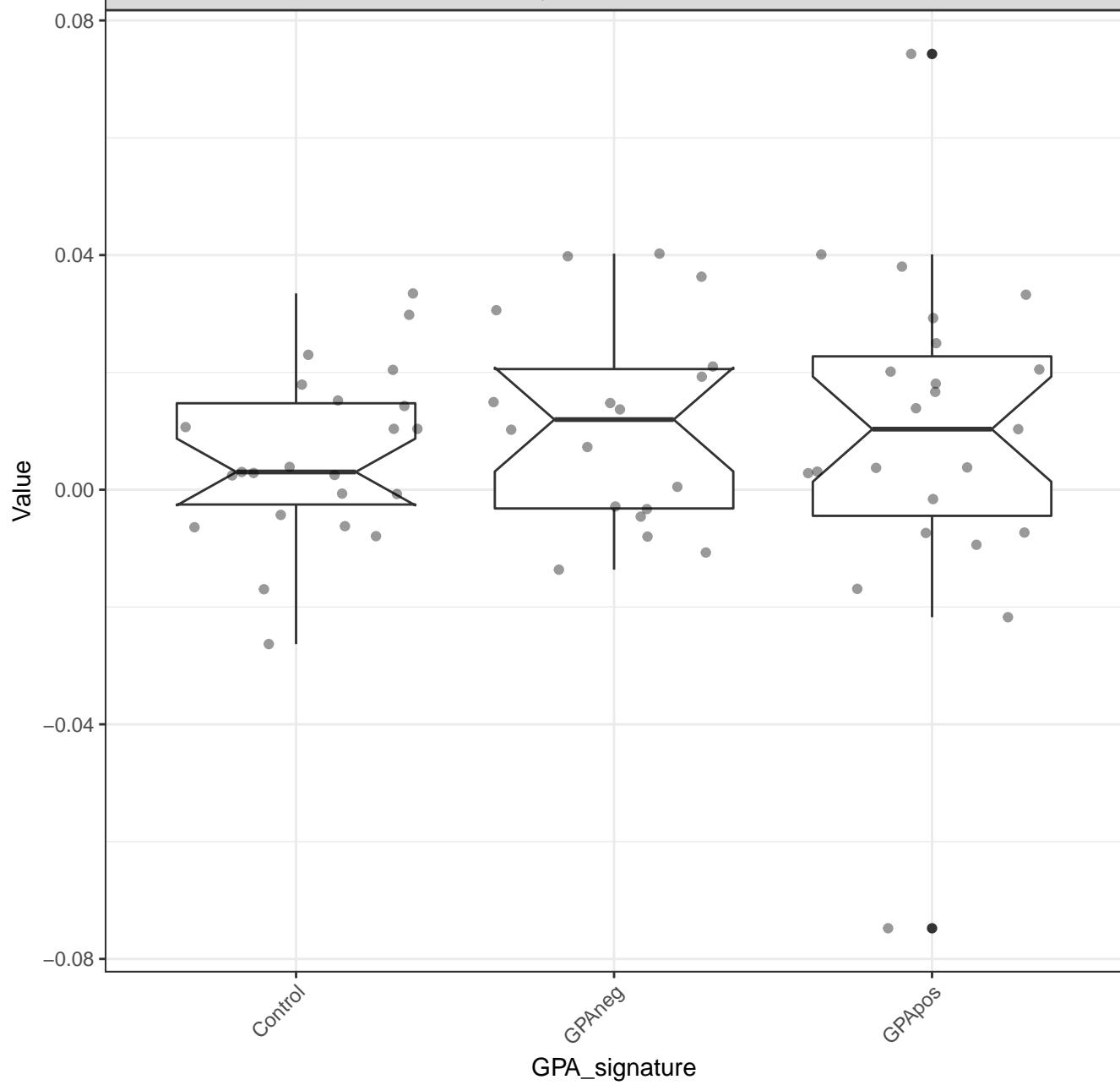


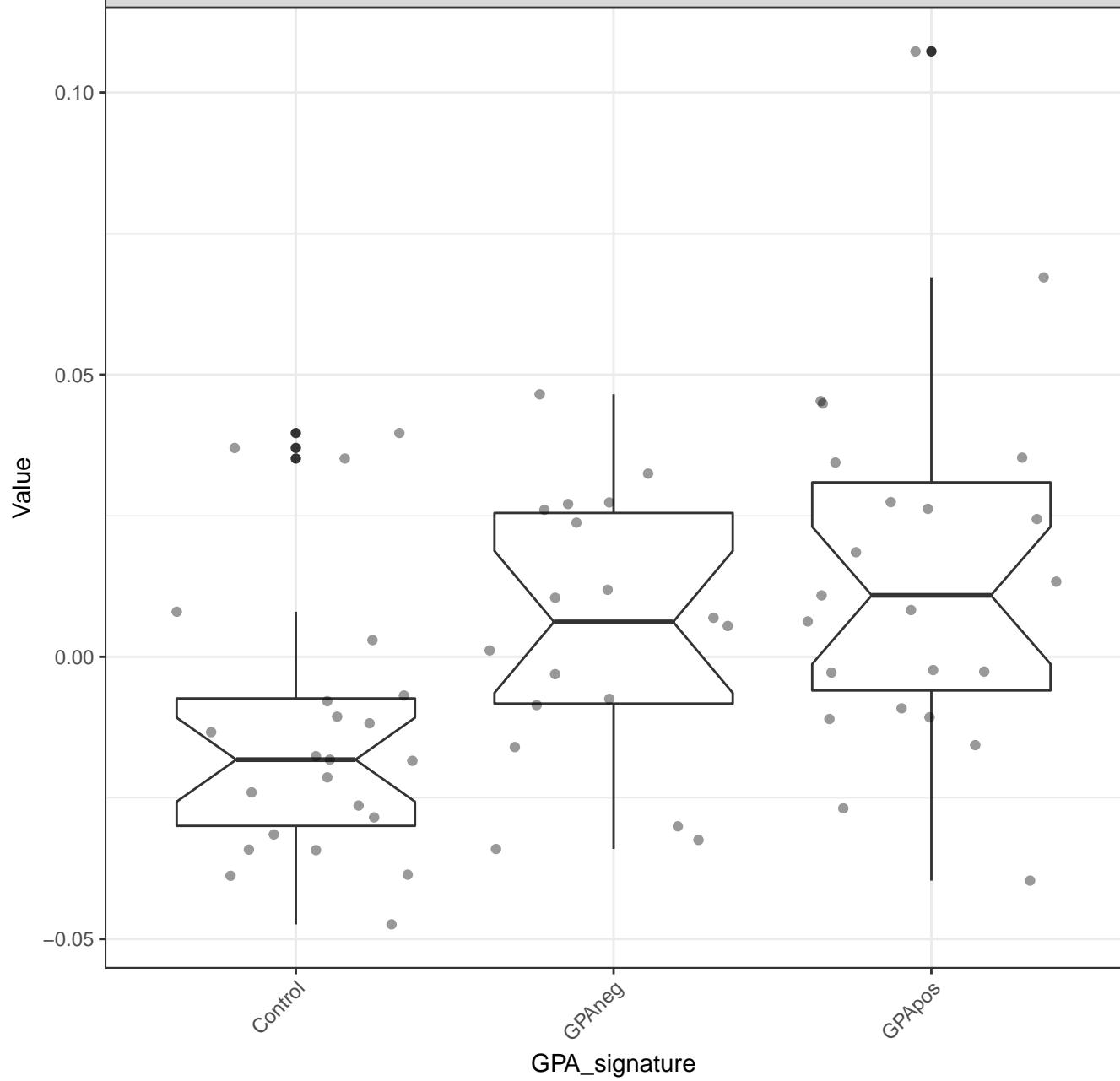


LV 265

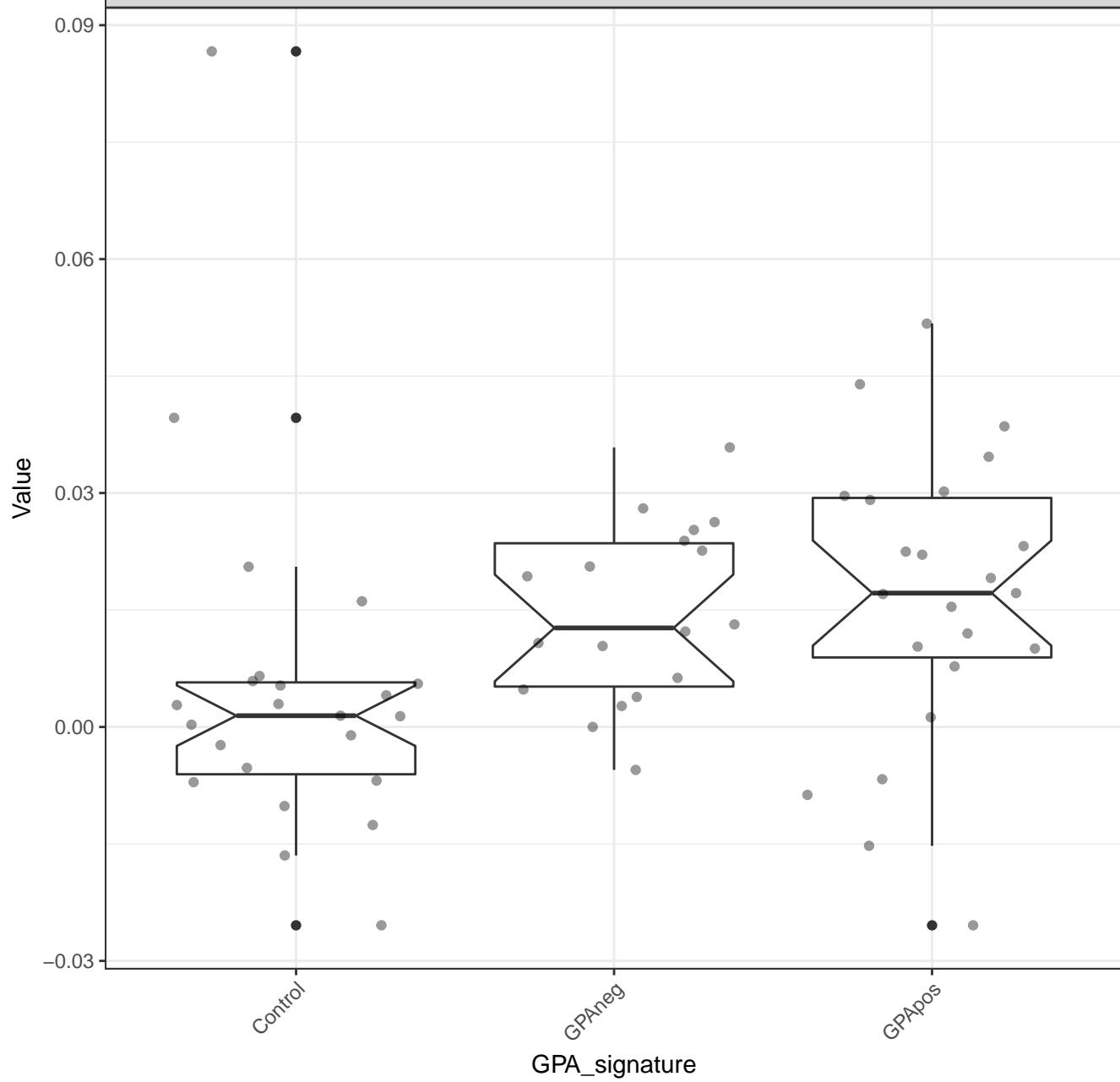


266,PID_FASPATHWAY

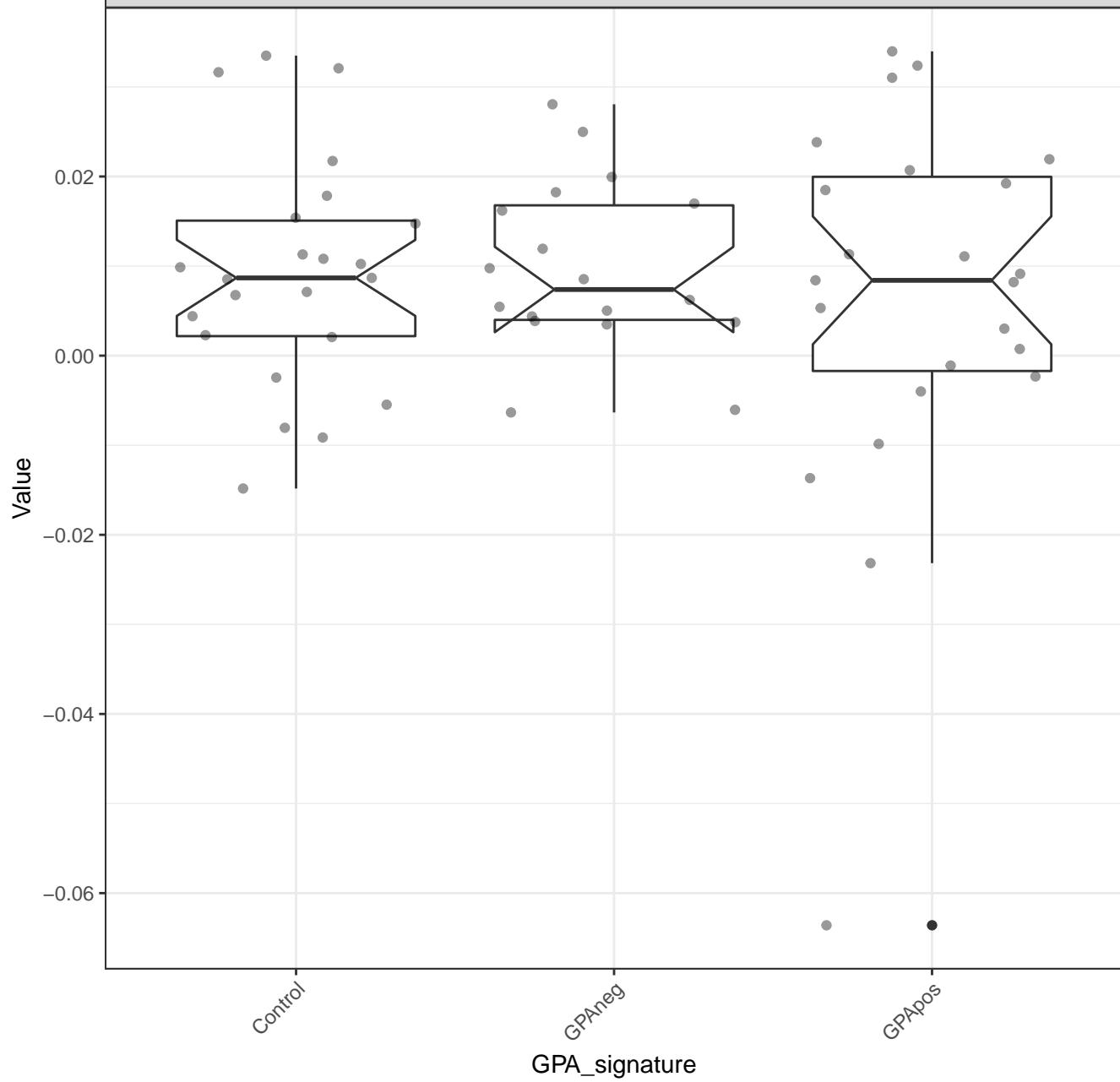




LV 268



LV 269



LV 270

Value

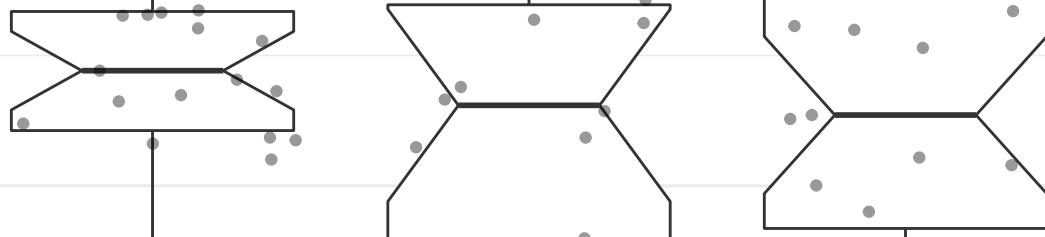
0.04
0.02
0.00
-0.02
-0.04

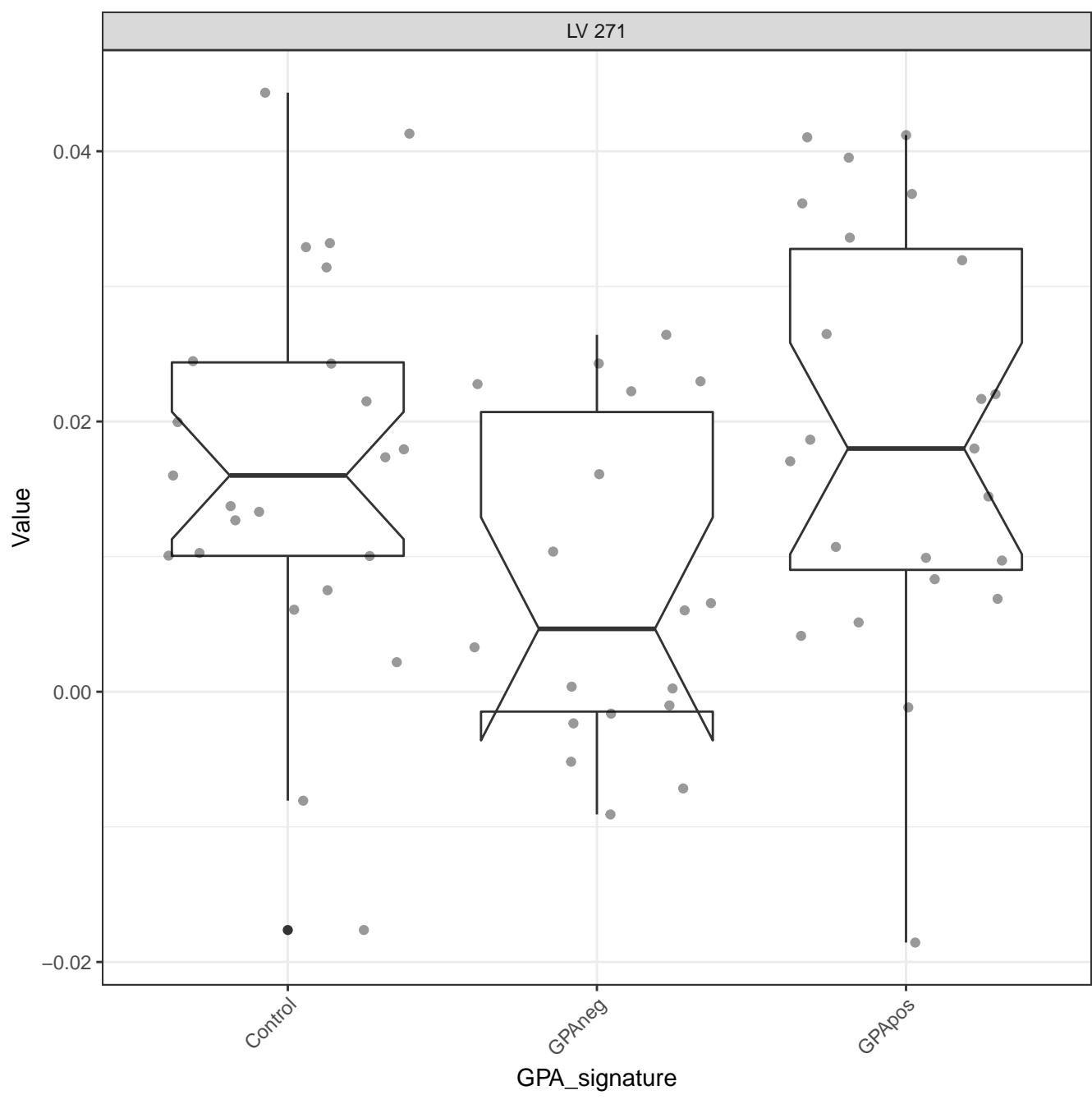
Control

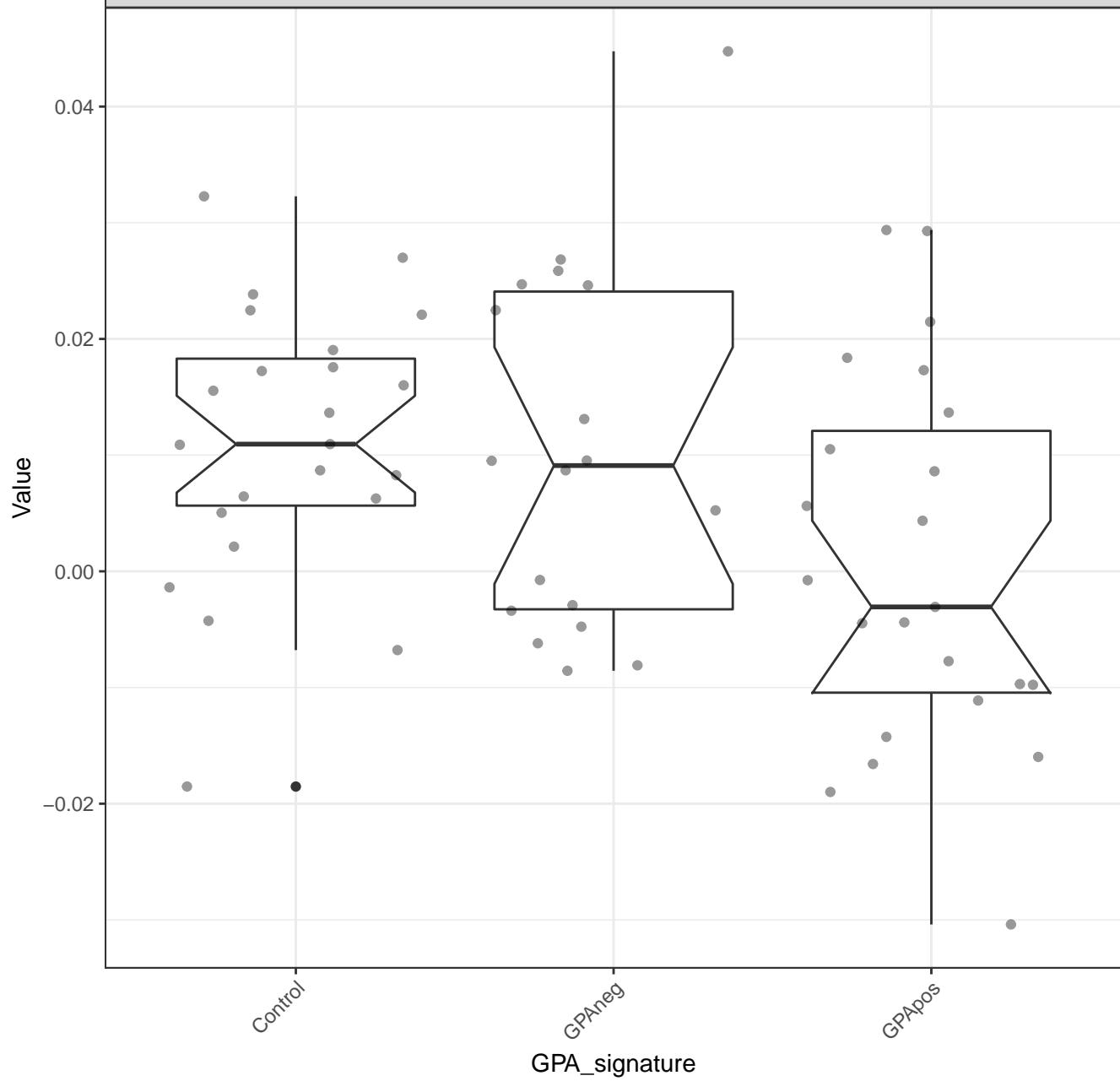
GPA neg

GPA pos

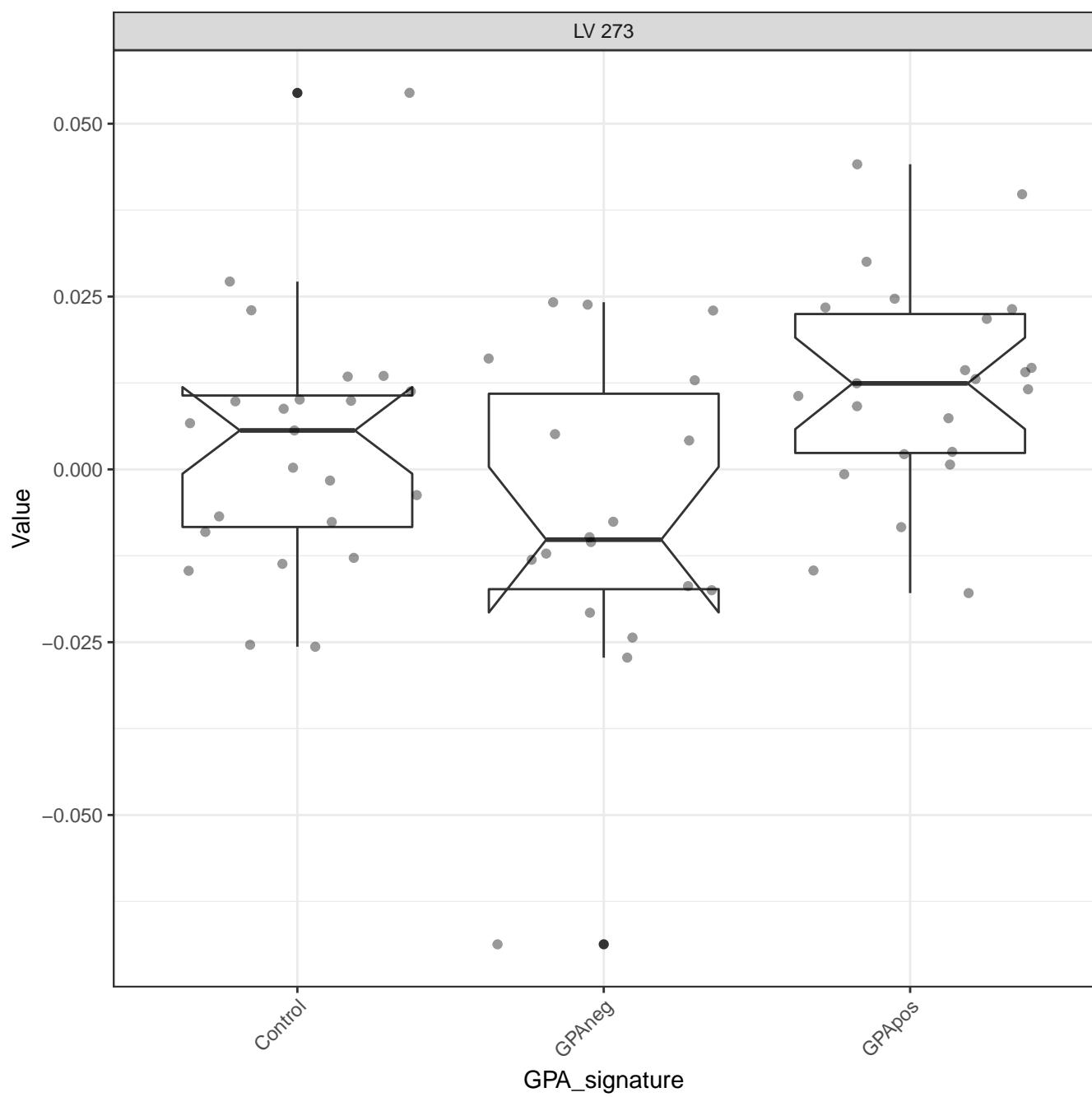
GPA_signature



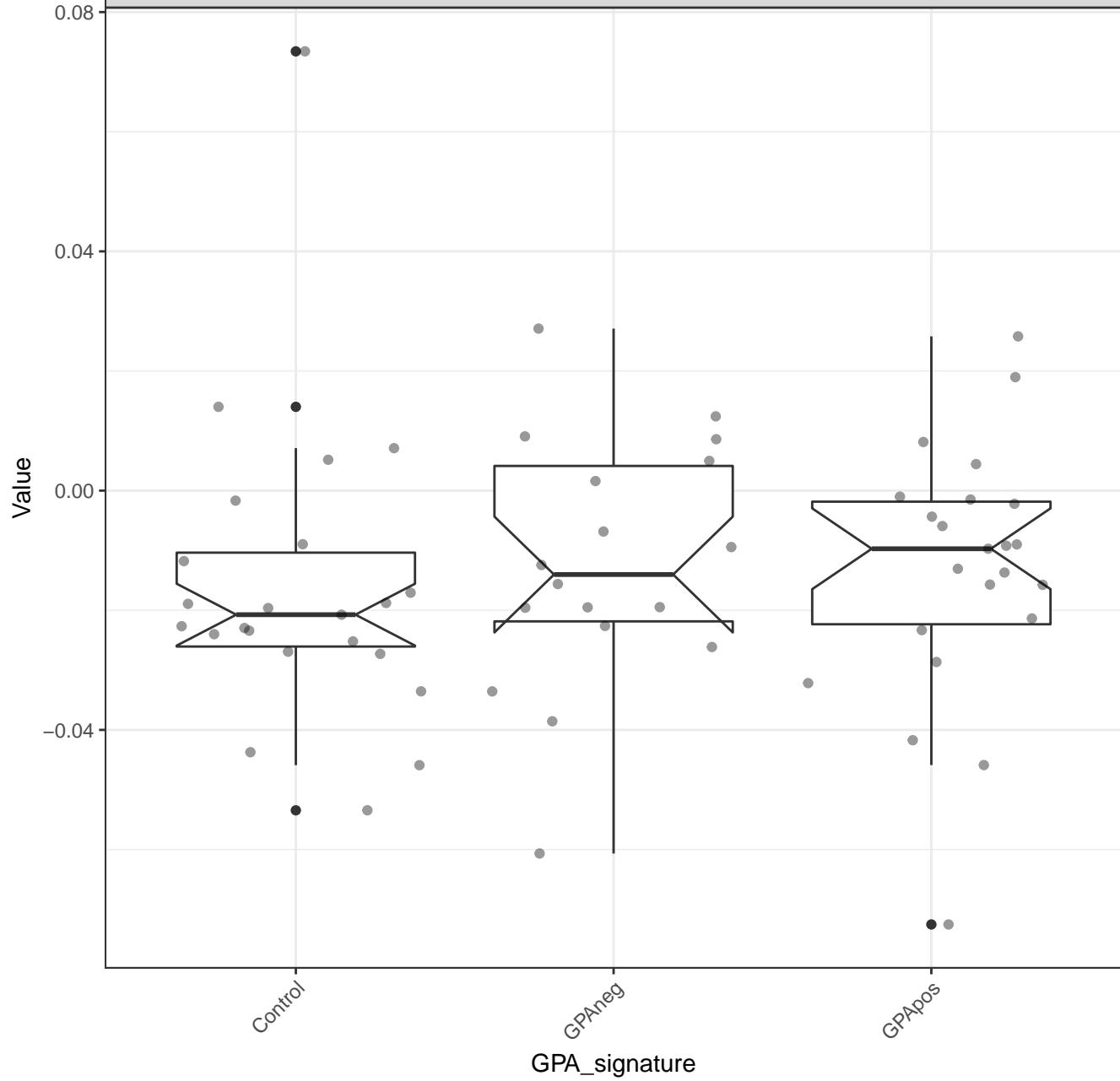




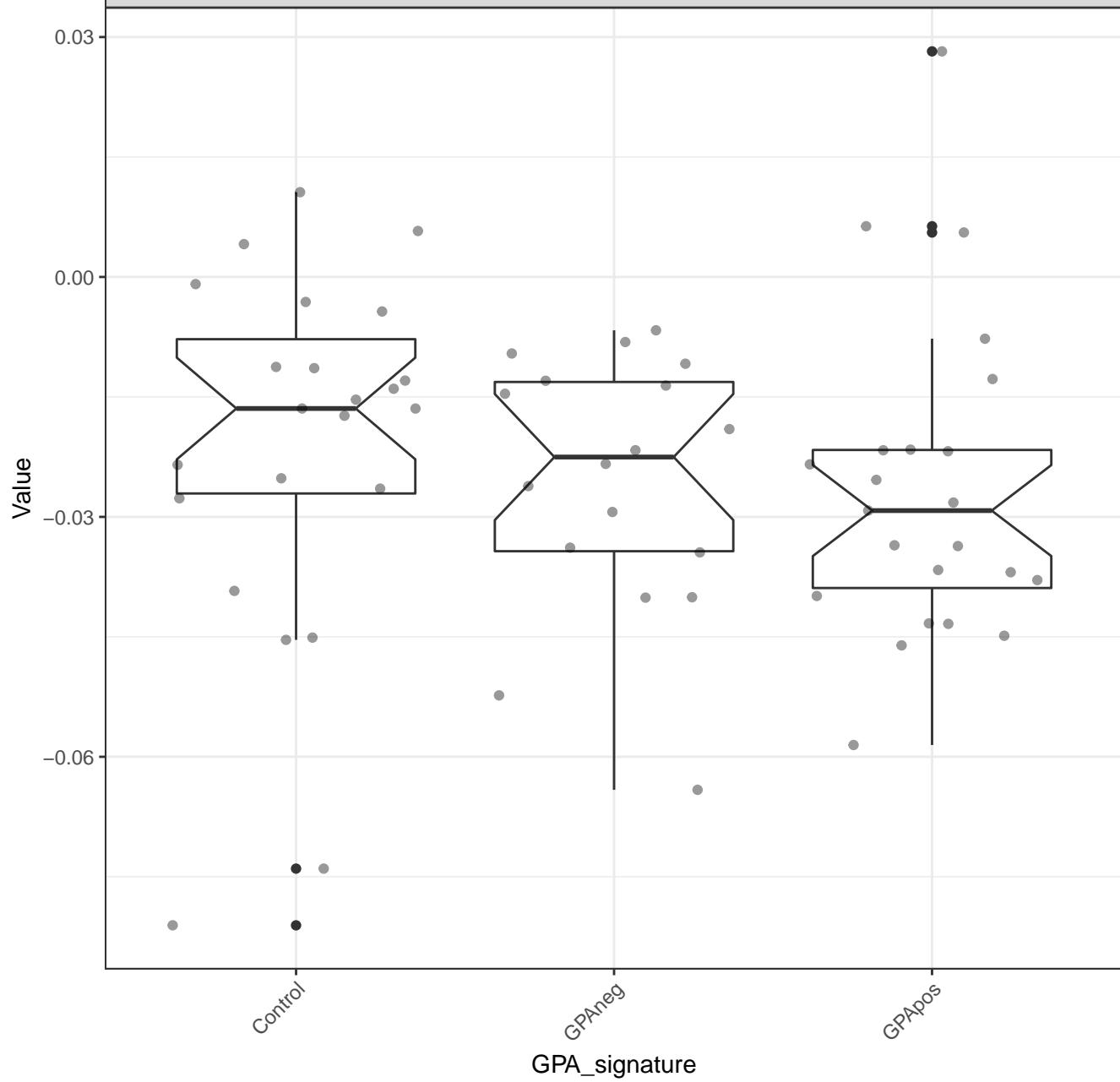
LV 273



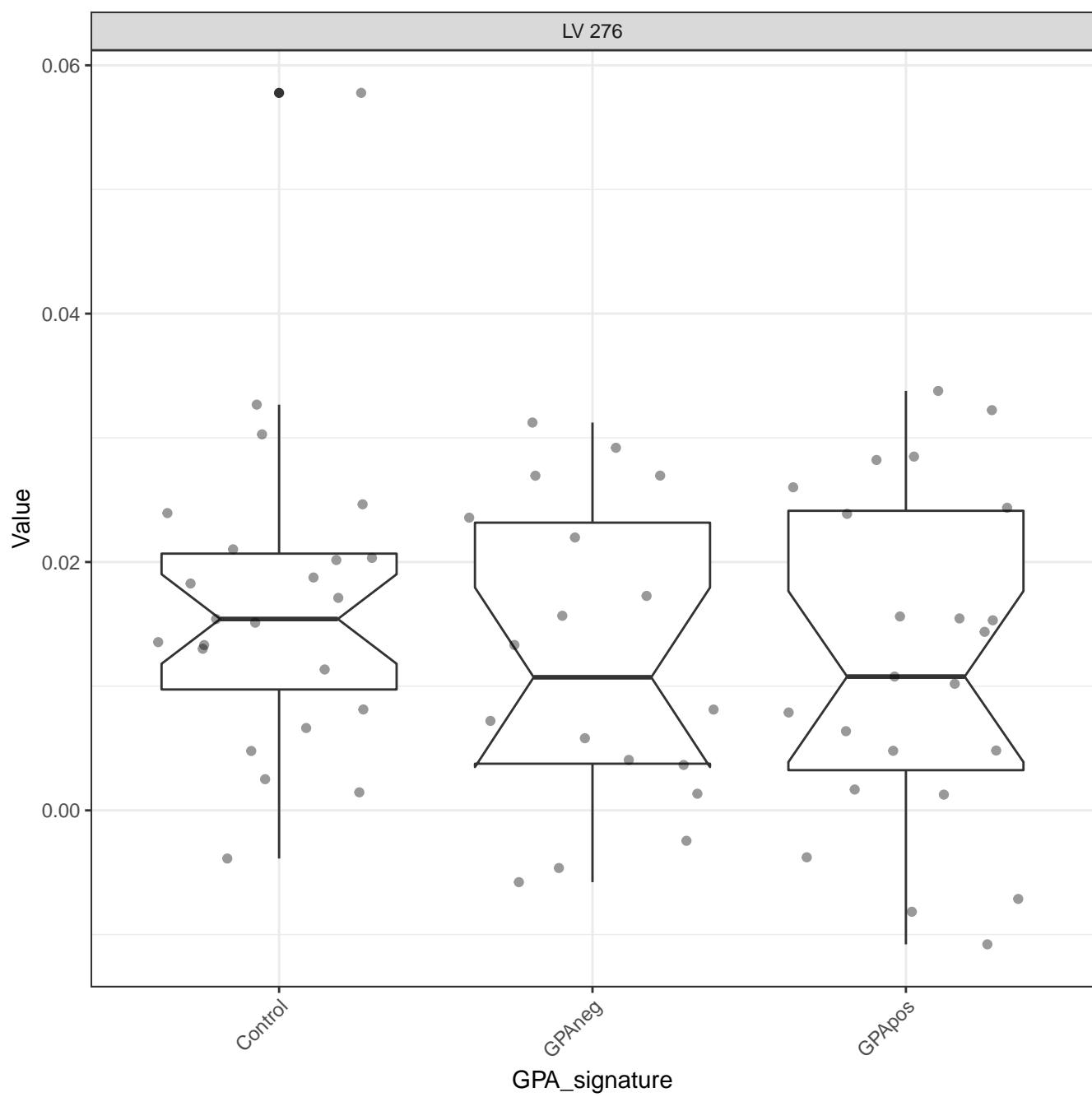
LV 274



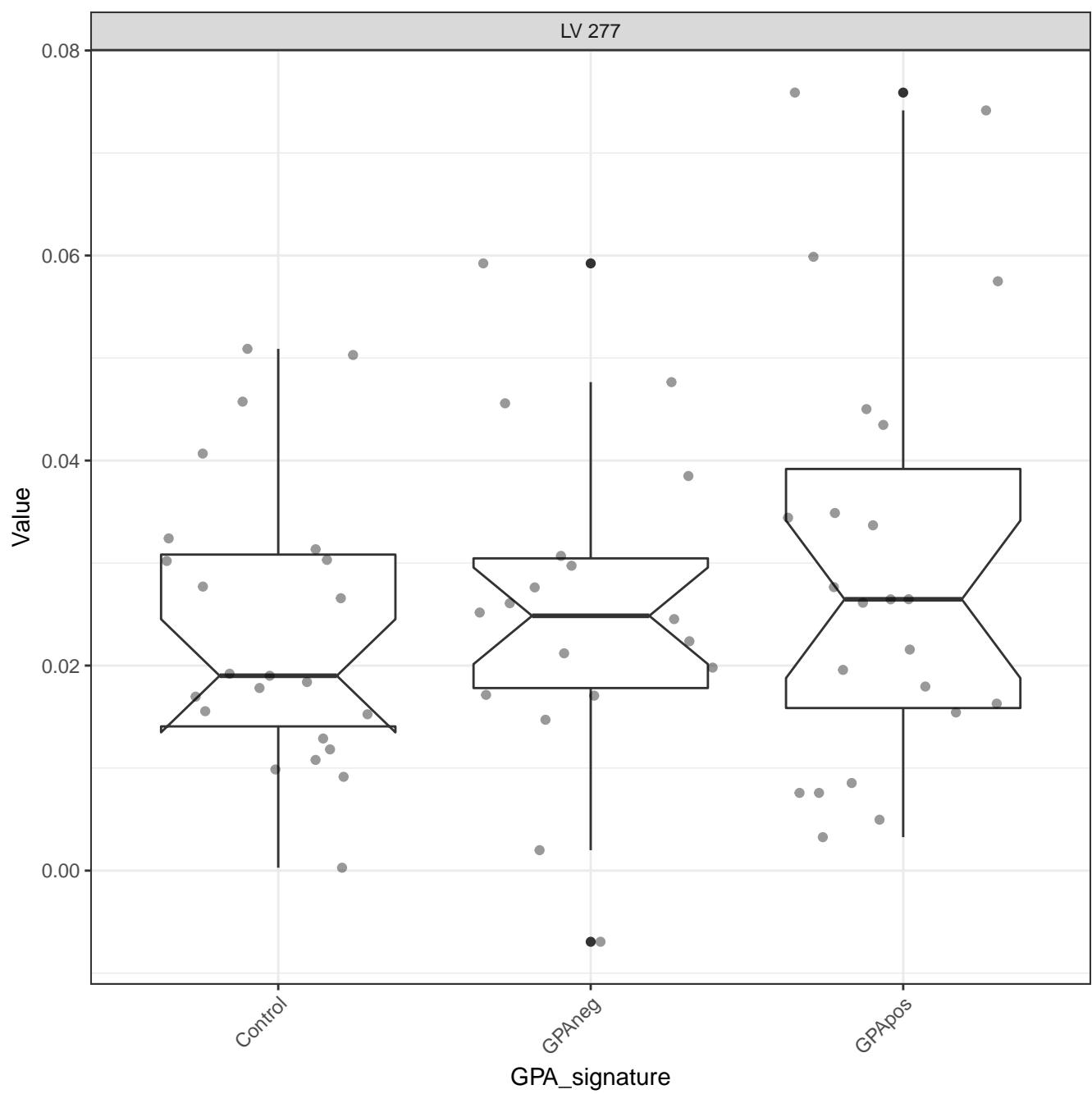
LV 275



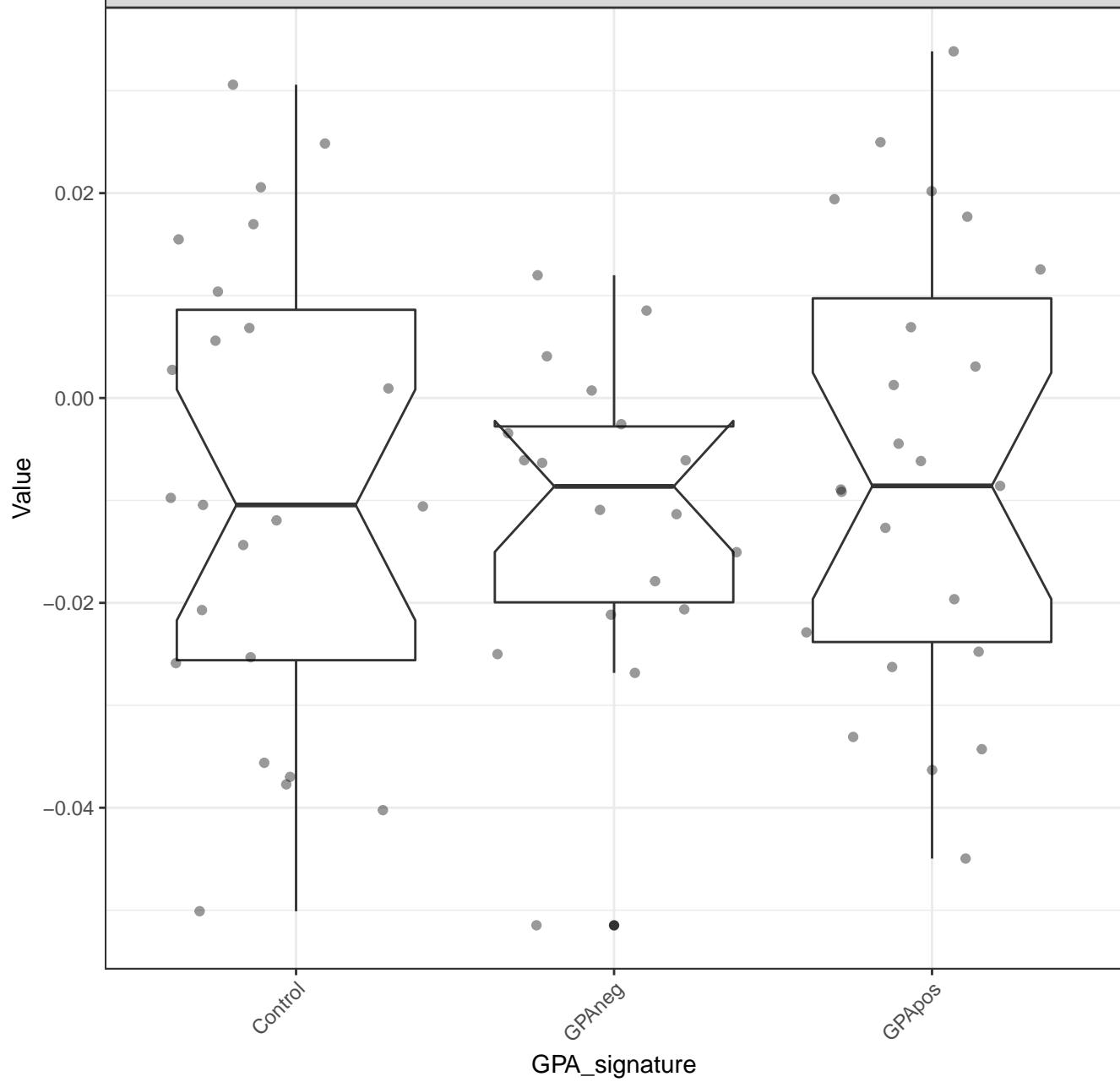
LV 276



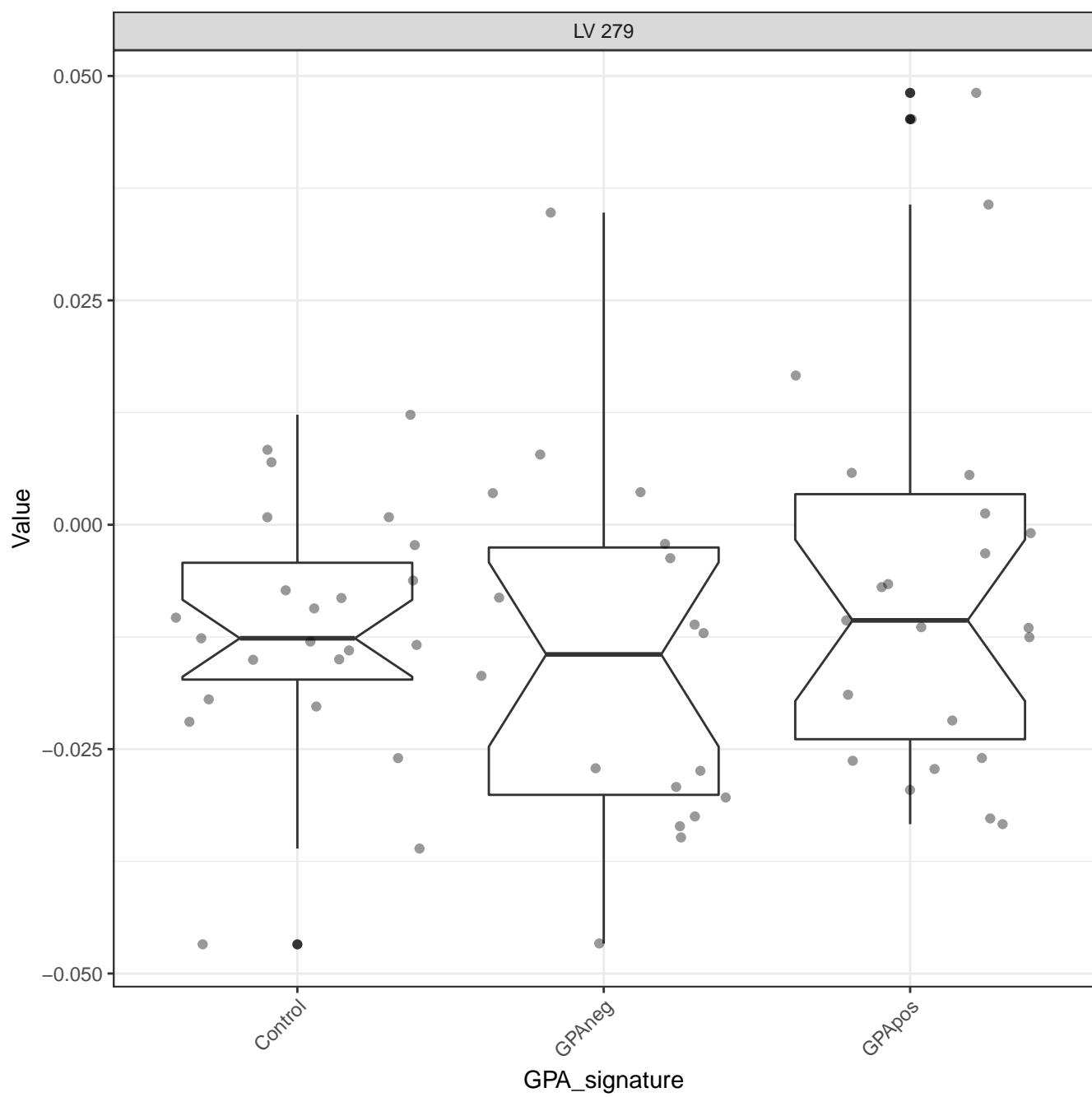
LV 277



LV 278



LV 279



LV 280

Value

0.04

0.02

0.00

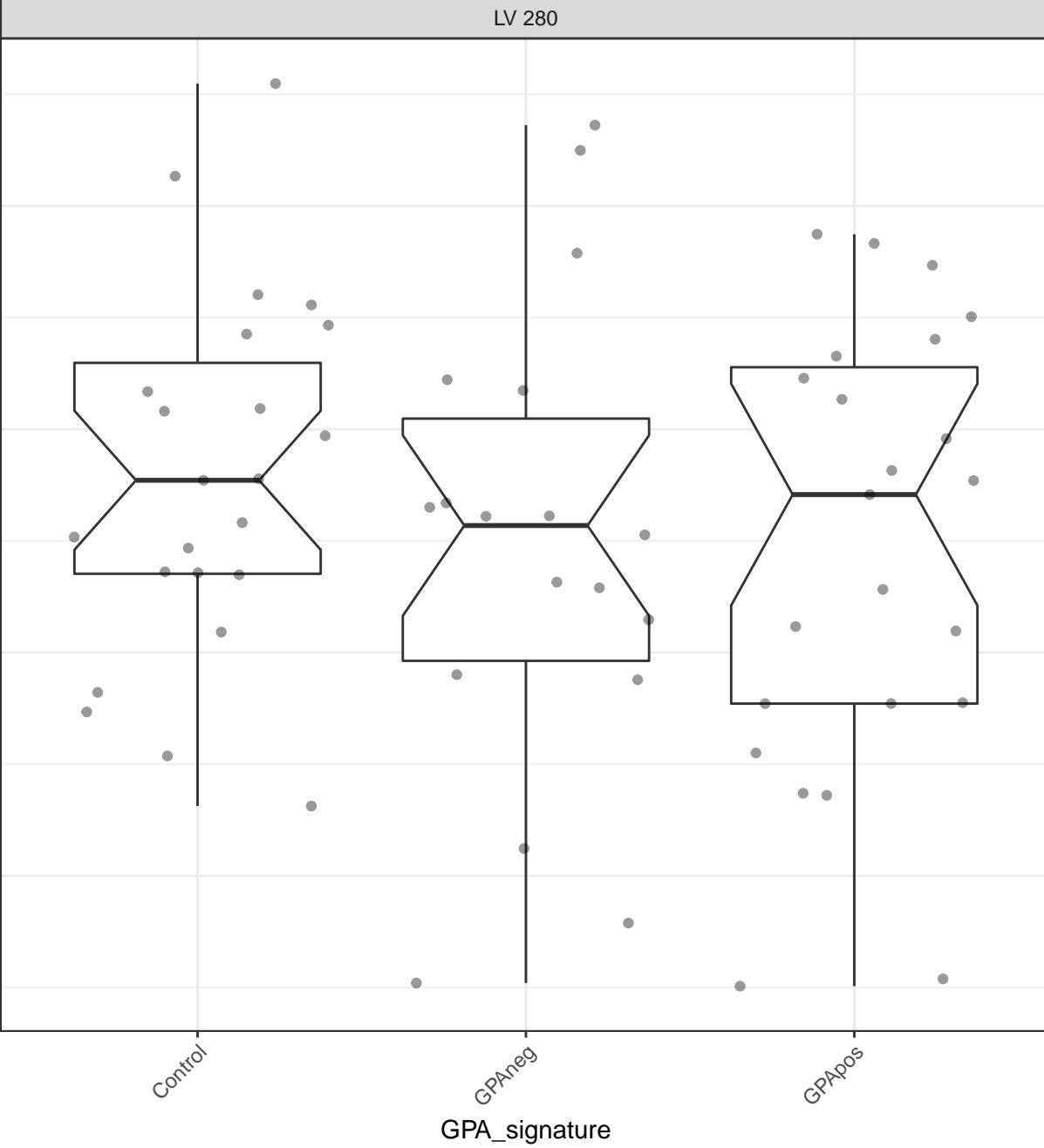
-0.02

Control

GPA_signature

GPAneg

GPApos



LV 281

Value

0.050

0.025

0.000

-0.025

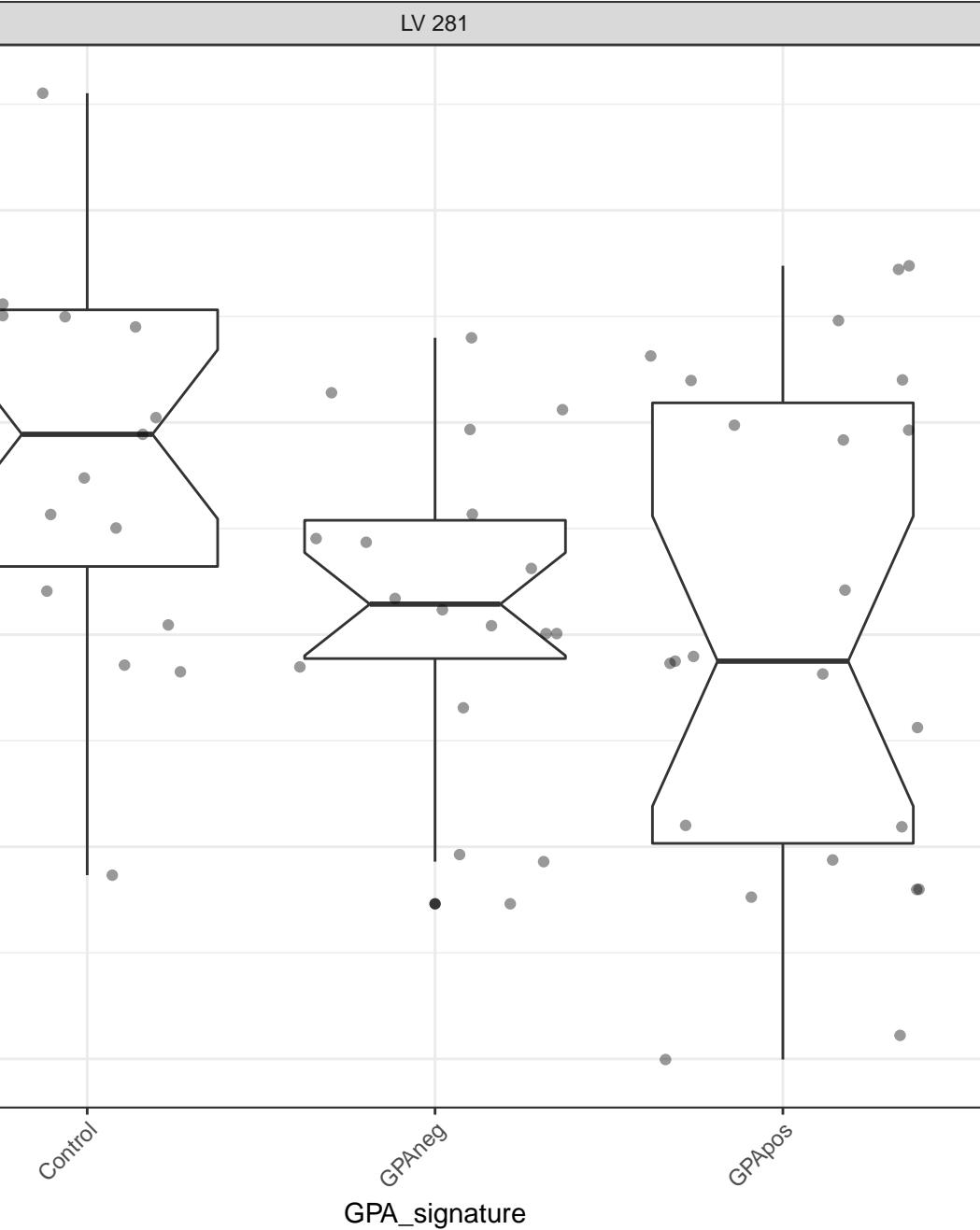
-0.050

Control

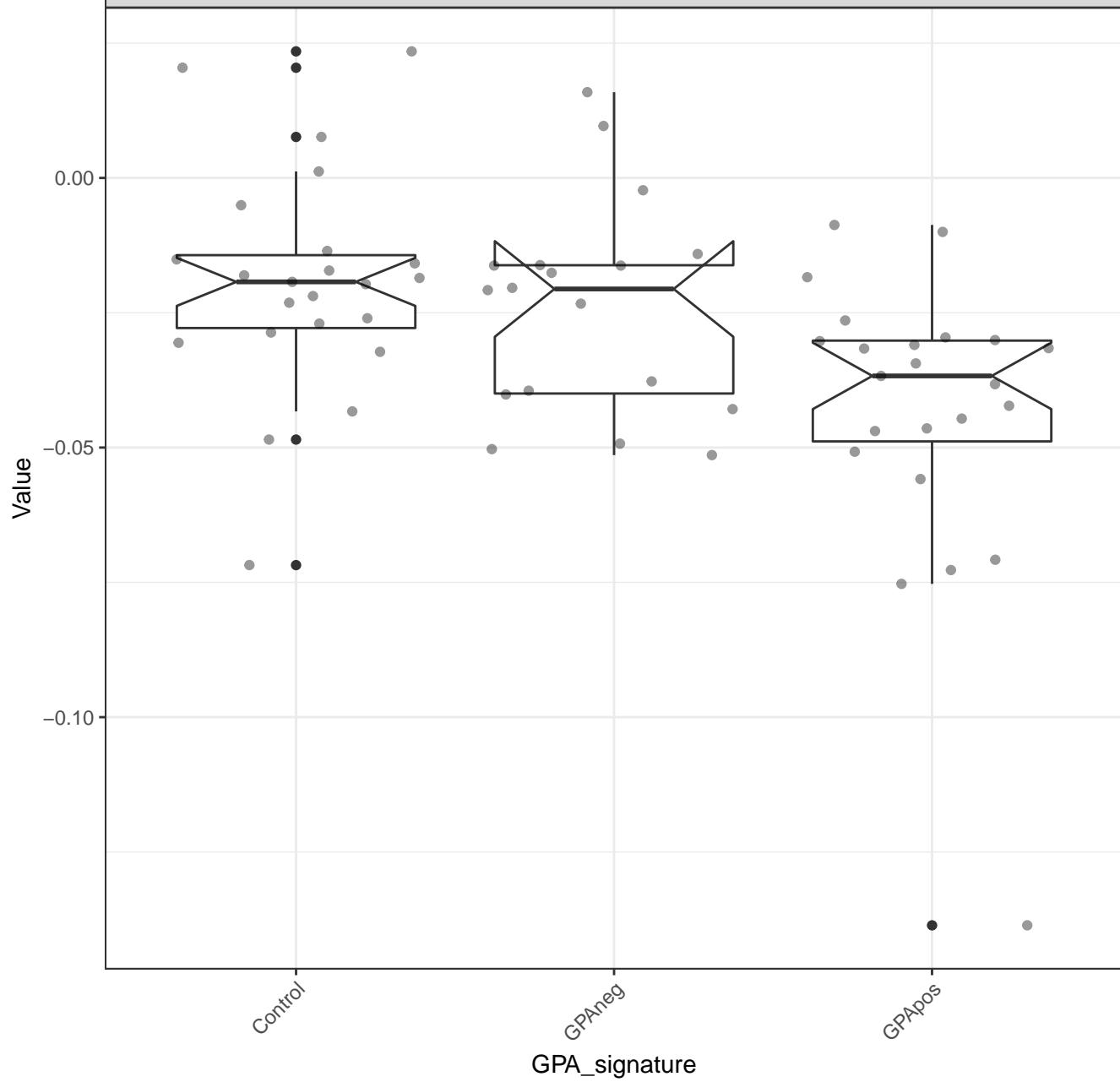
GPA_signature

GPAneg

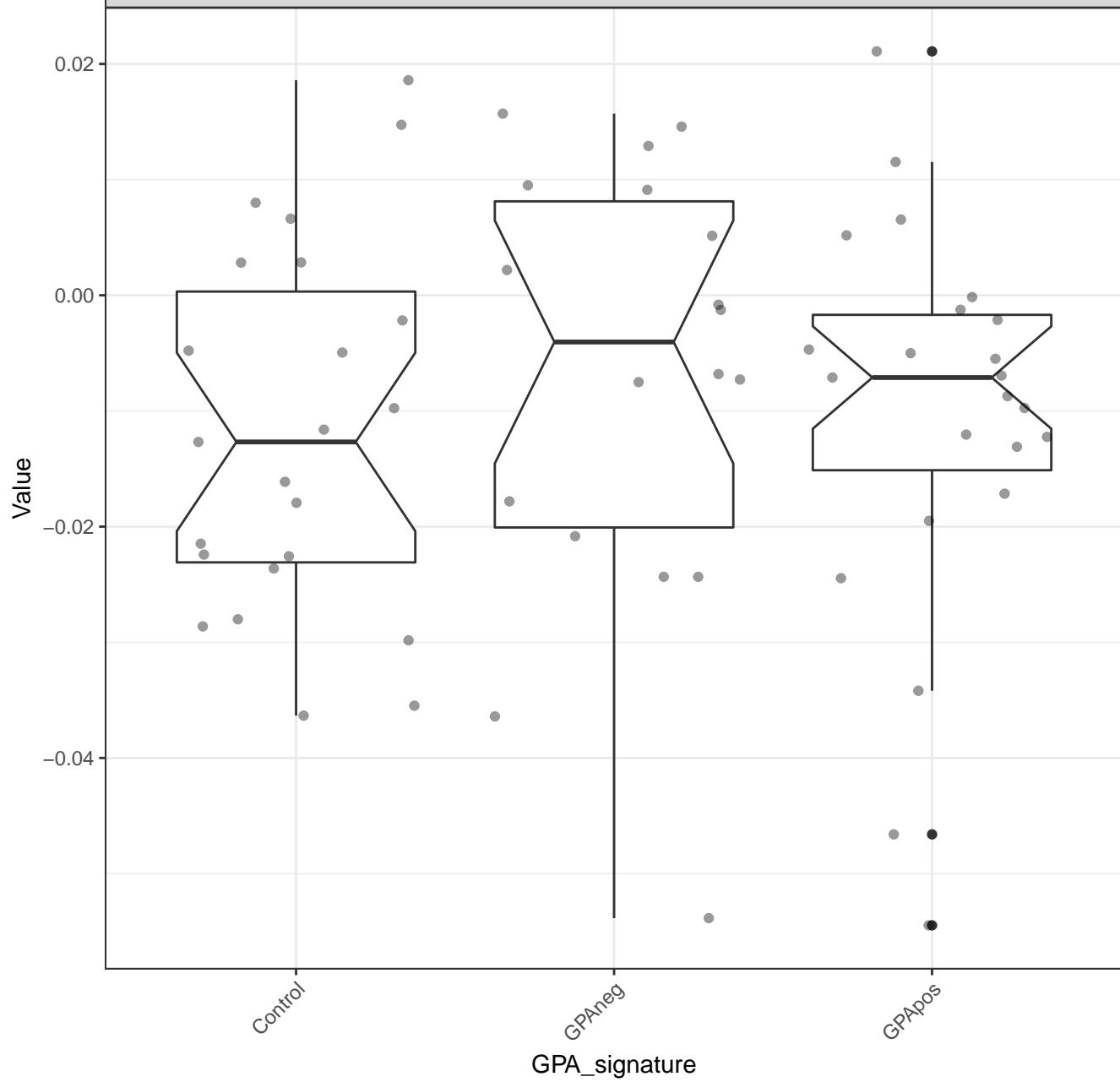
GPAPos



LV 282



LV 283



Value

0.05

0.01

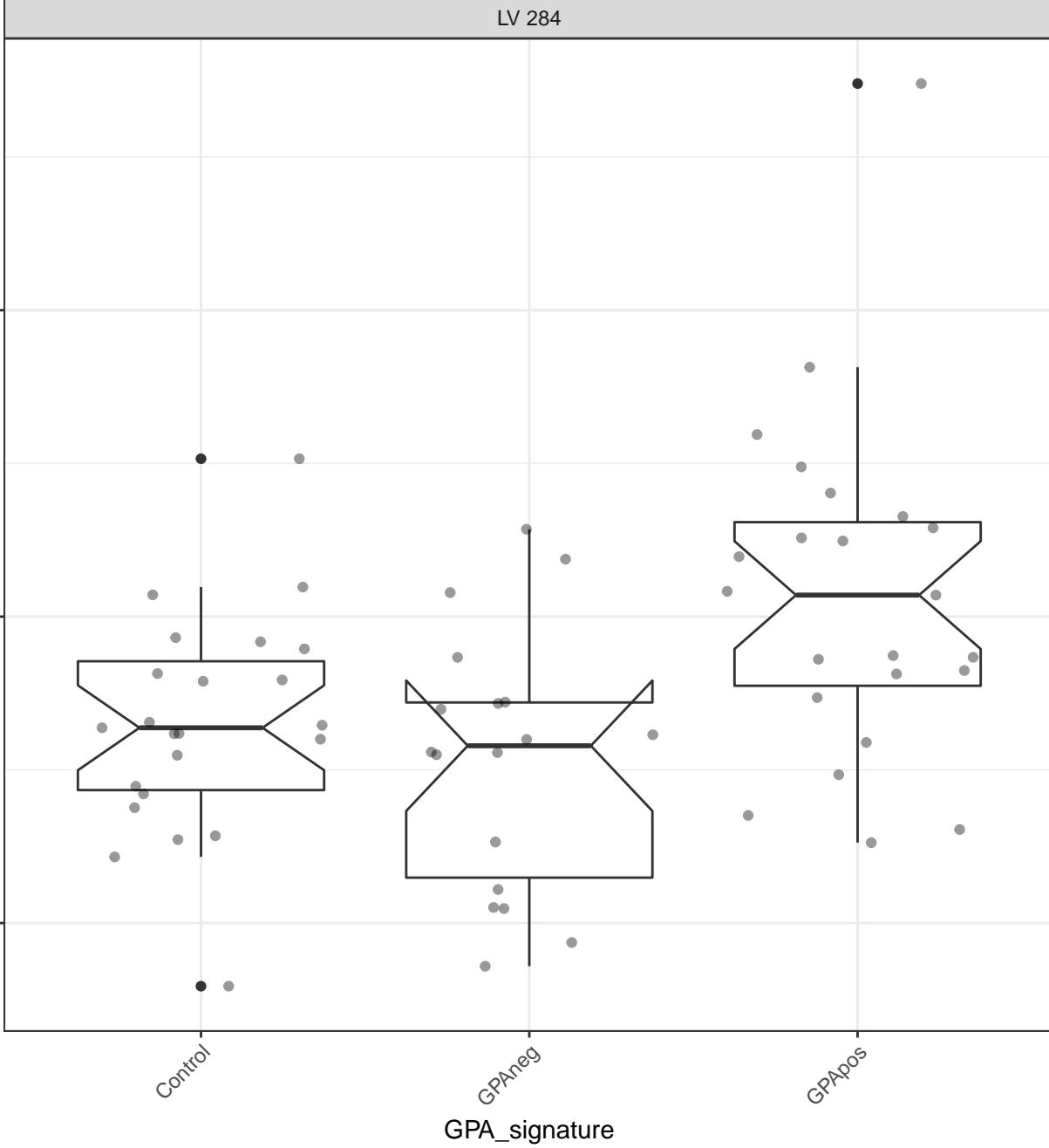
-0.05

Control

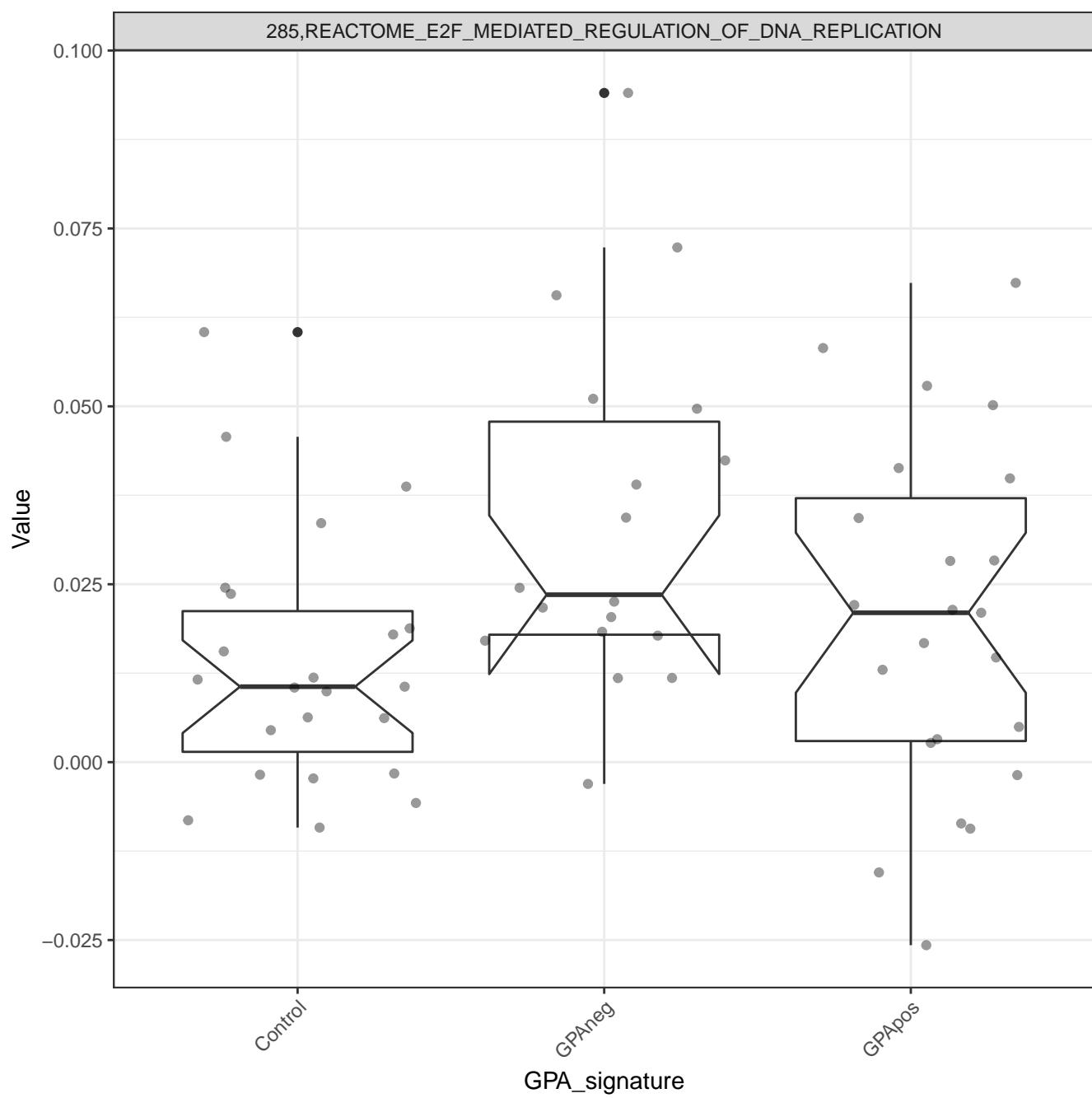
GPA_signature

GPAneg

GPAPos



285,REACTOME_E2F_MEDIATED_REGULATION_OF_DNA_REPLICATION



LV 286

Value

0.10

0.05

0.00

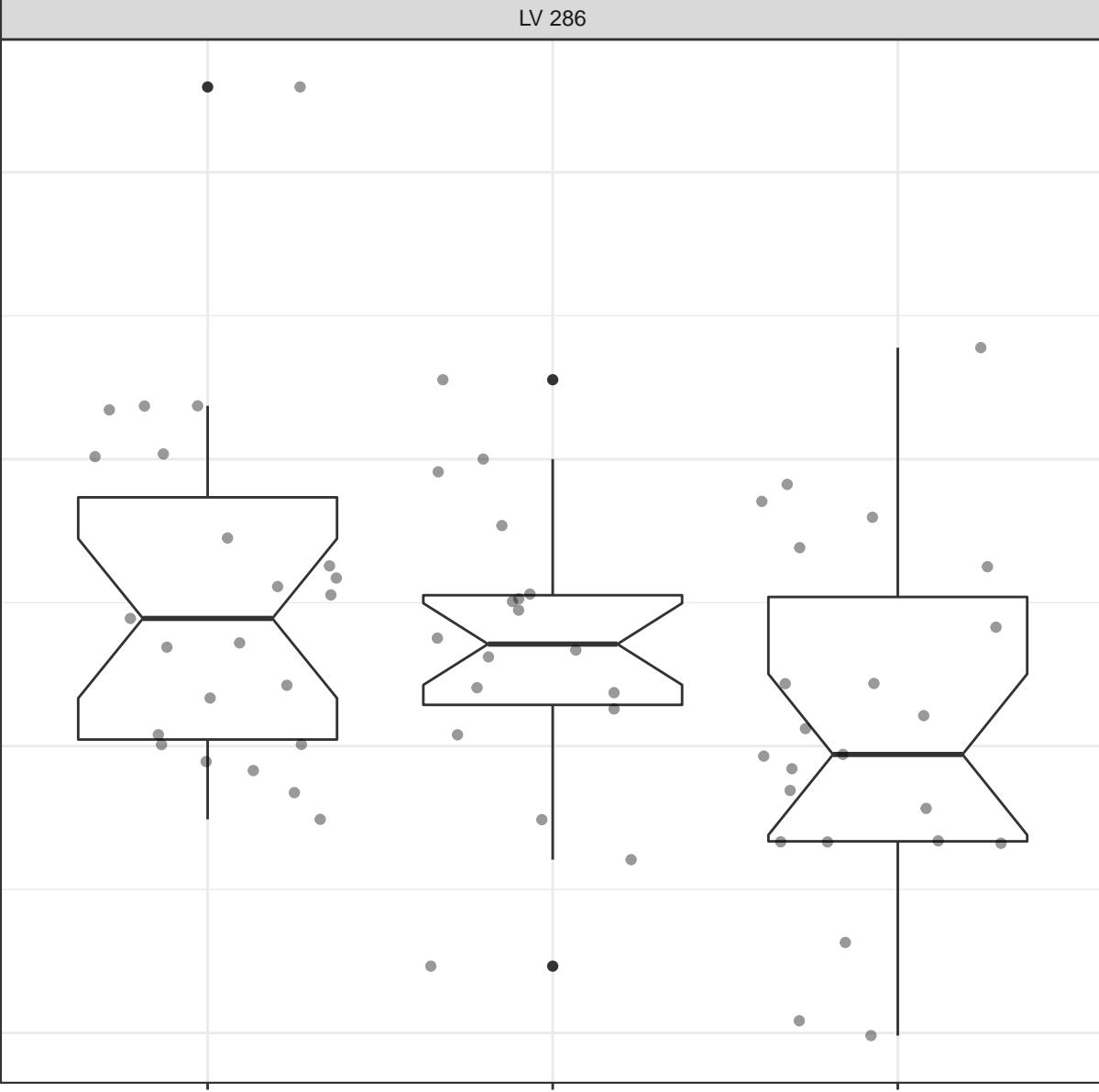
-0.05

Control

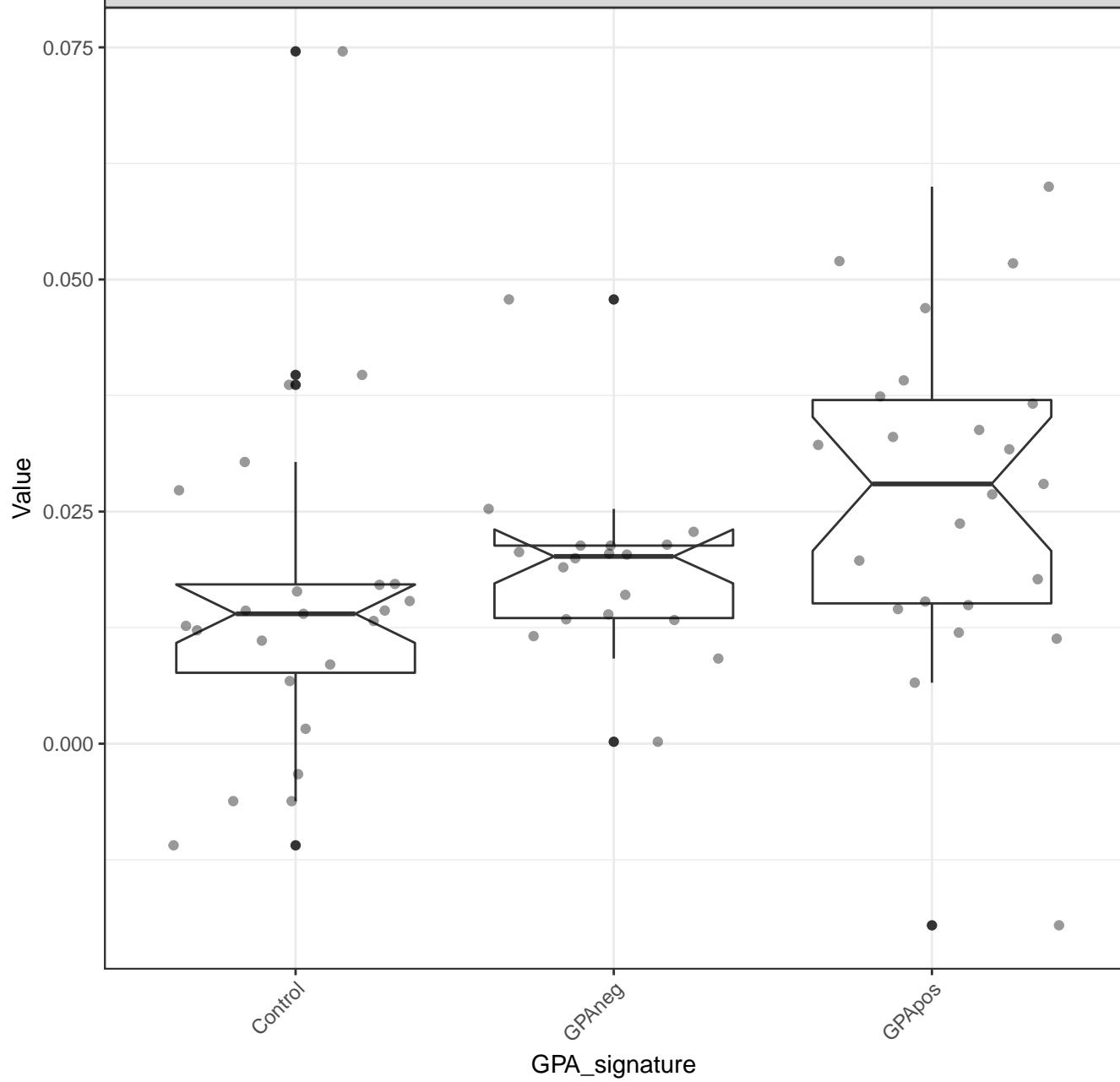
GPA_signature

GPAneg

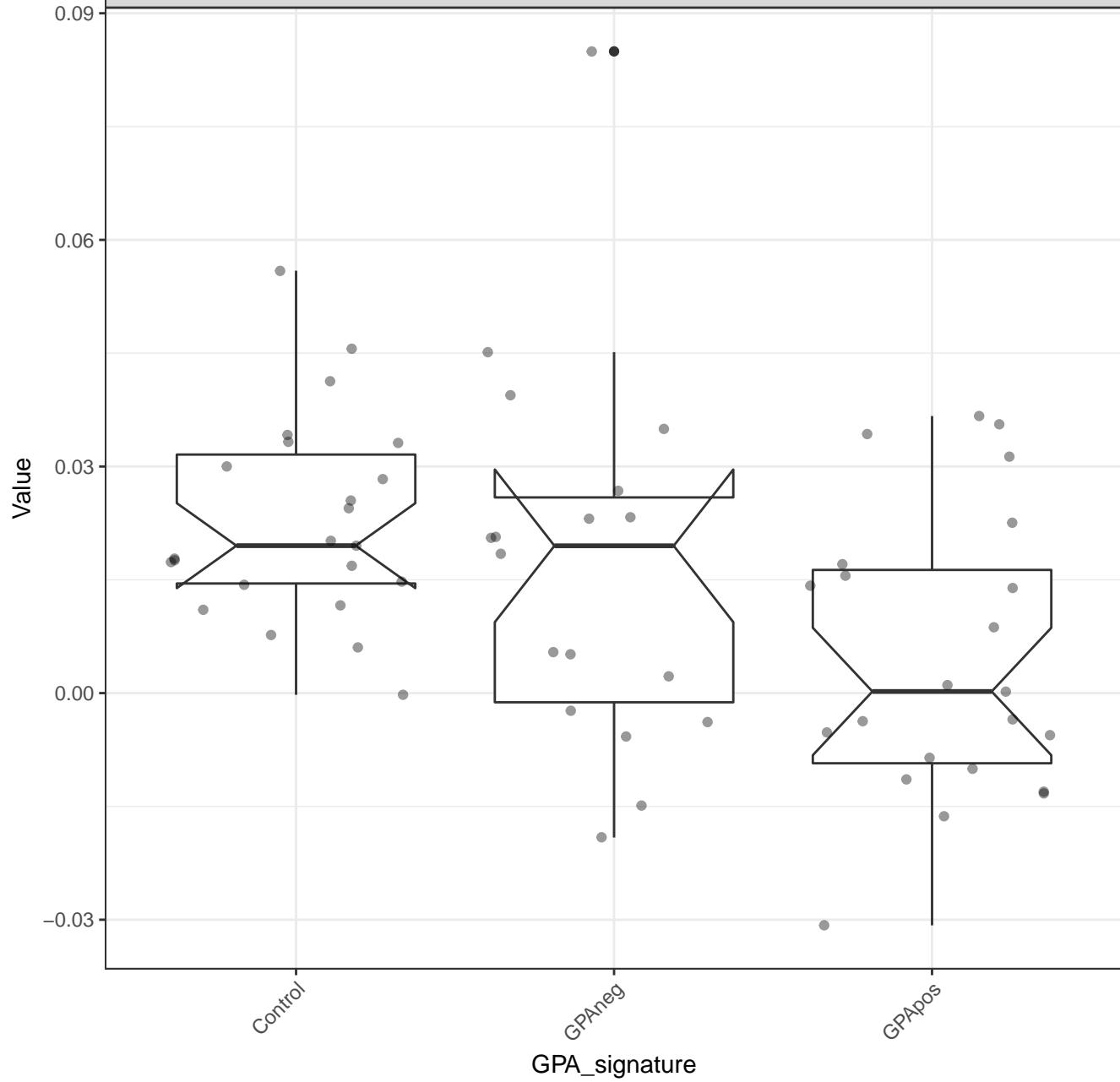
GPAPos



LV 287

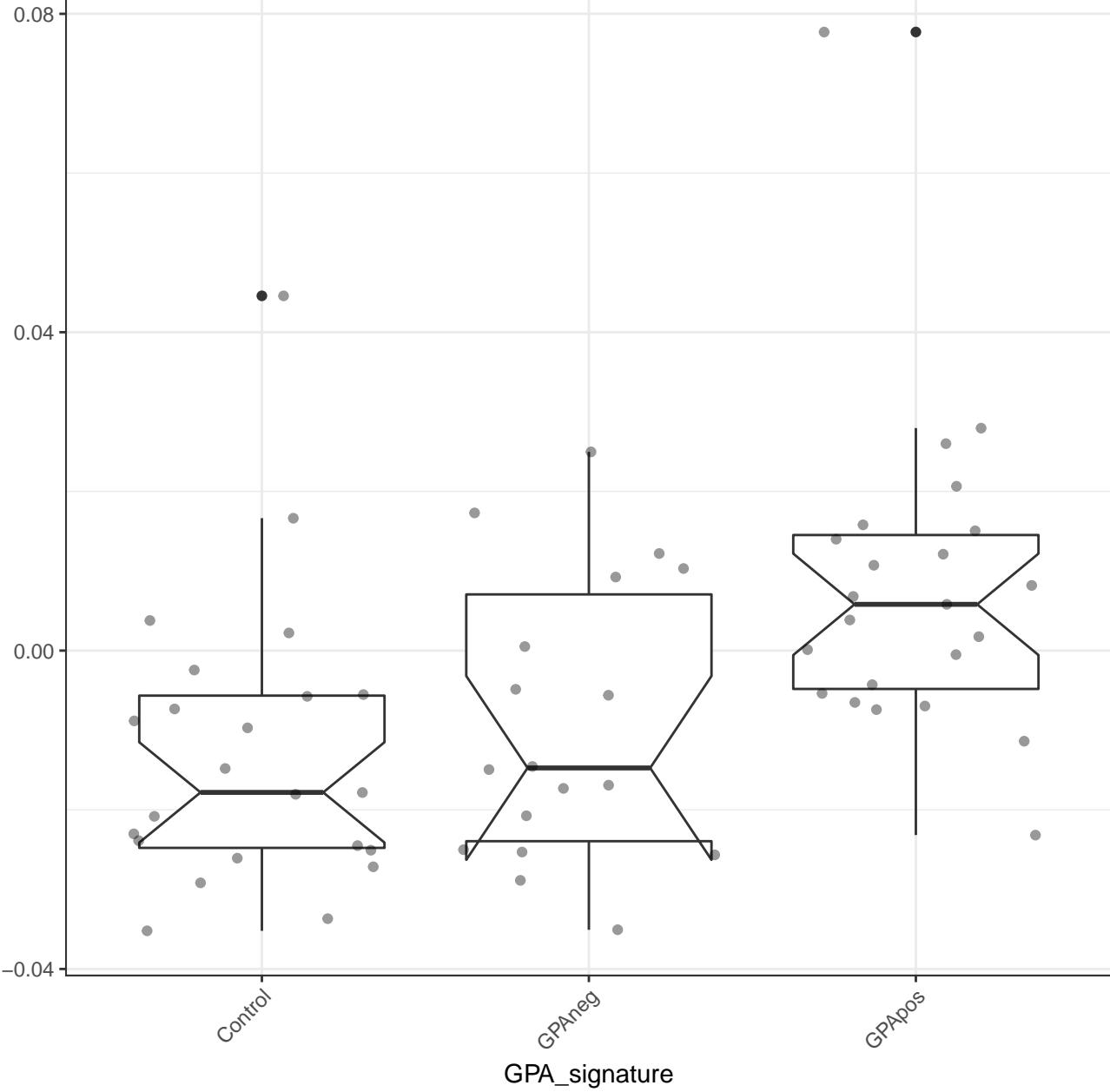


288,REACTOME_PEPTIDE_LIGAND_BINDING_RECEPTEORS

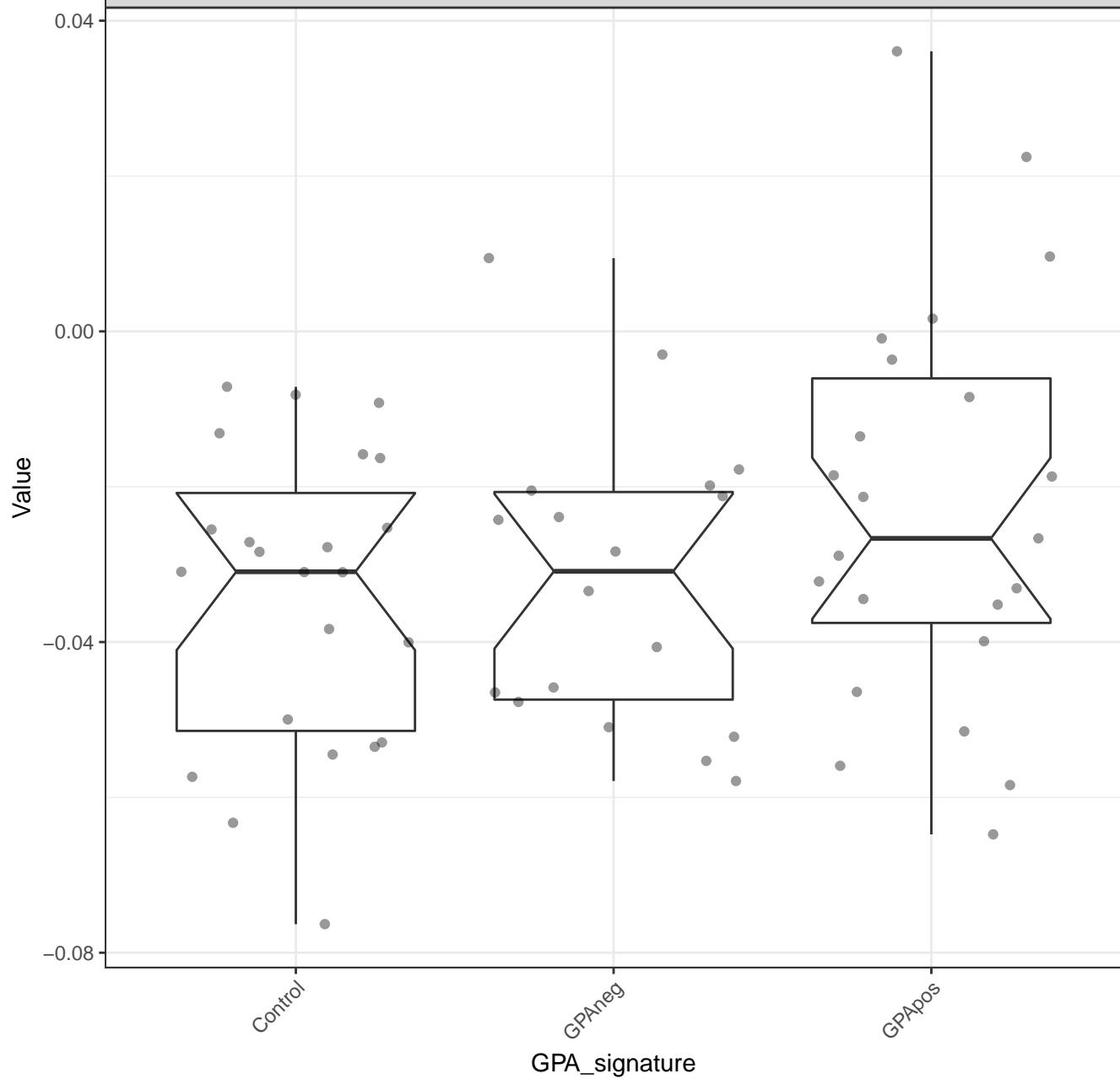


LV 289

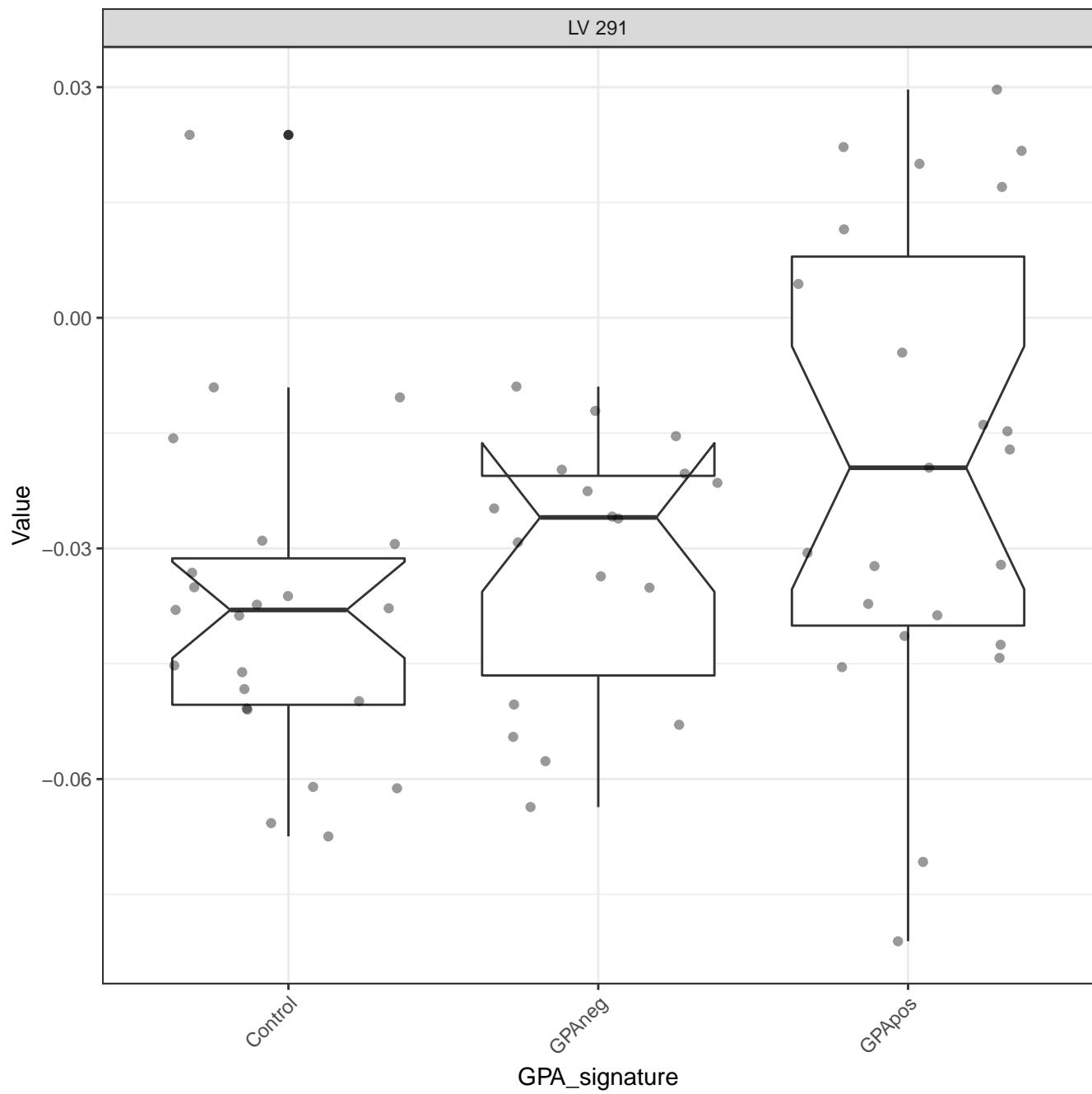
Value



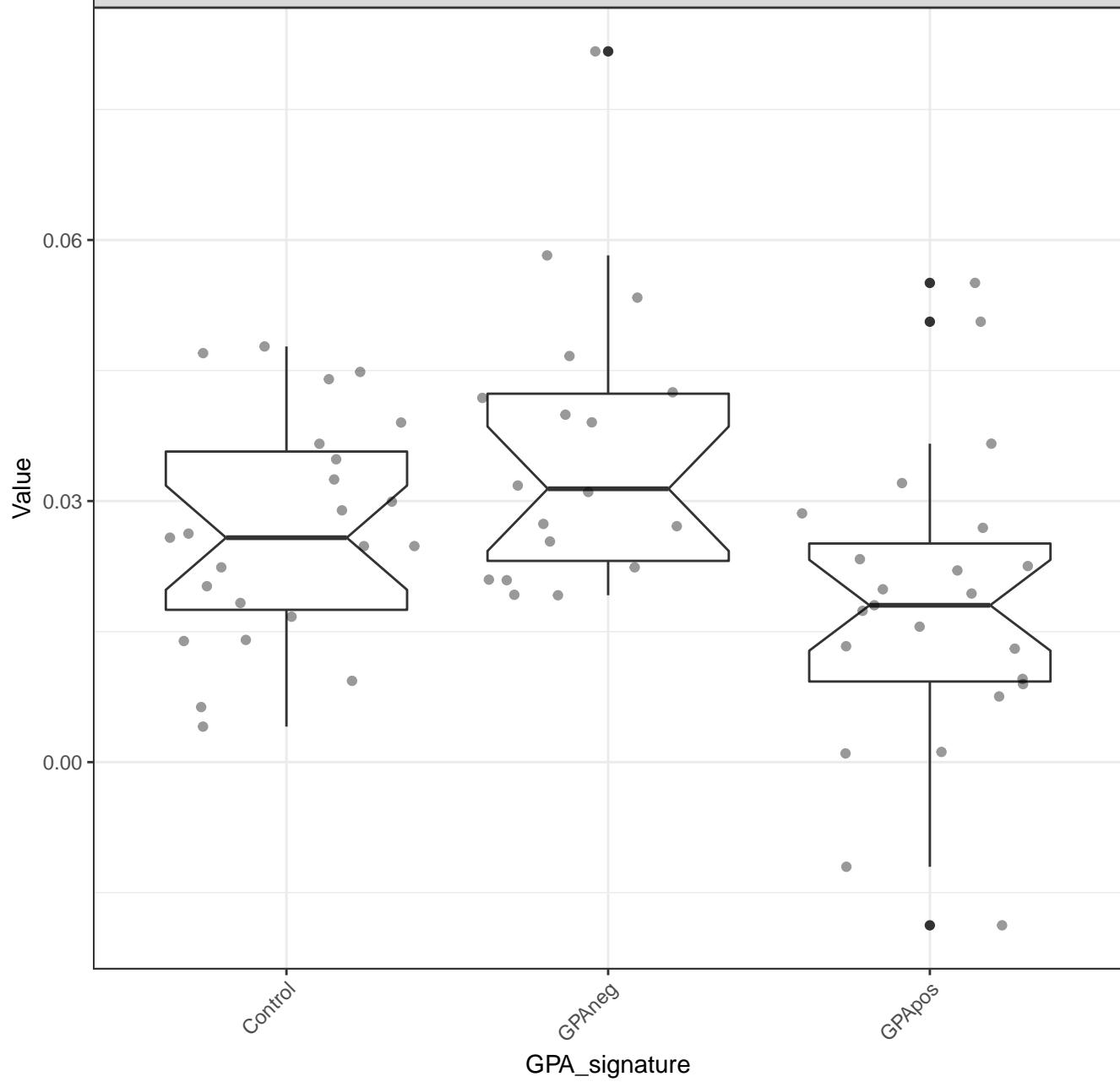
LV 290



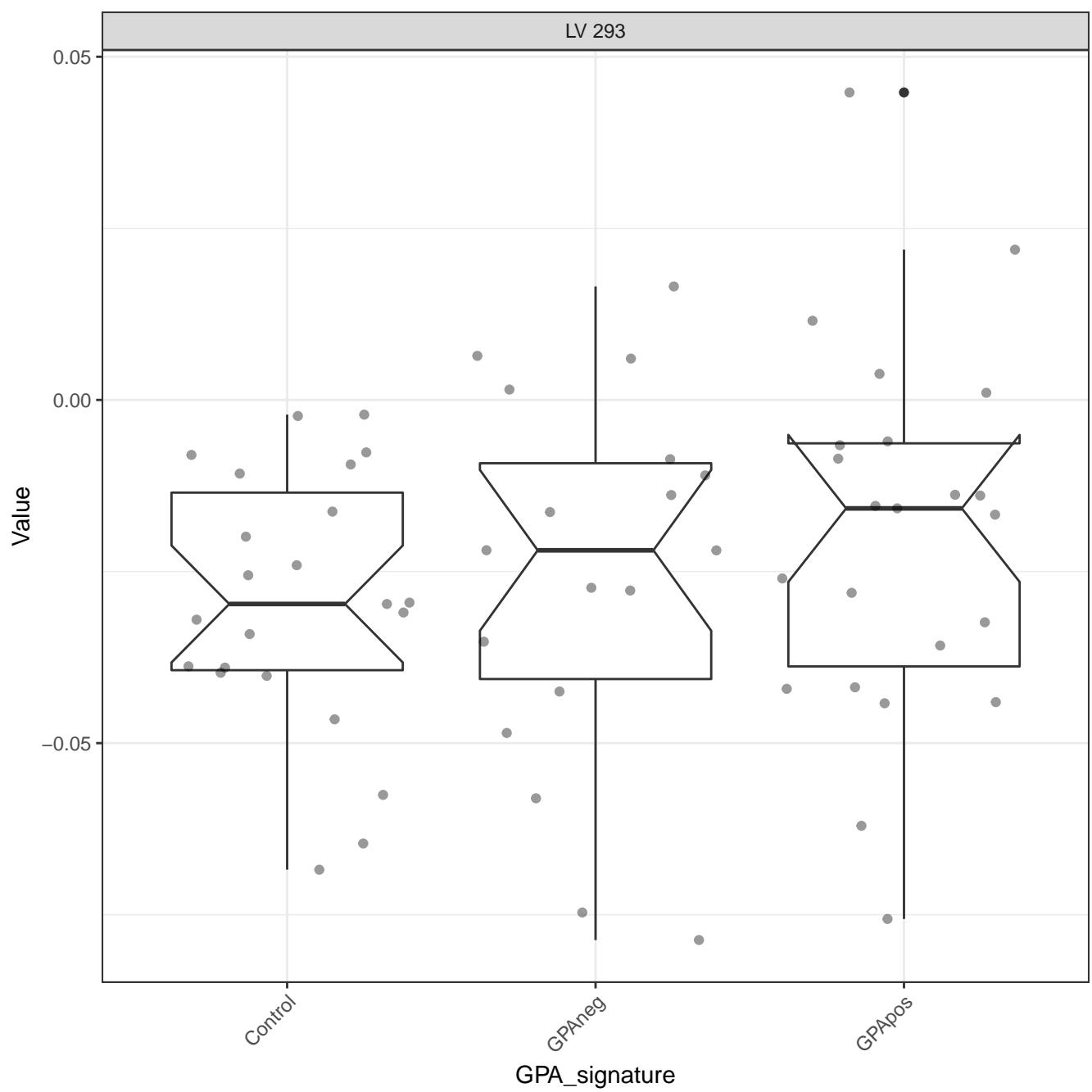
LV 291



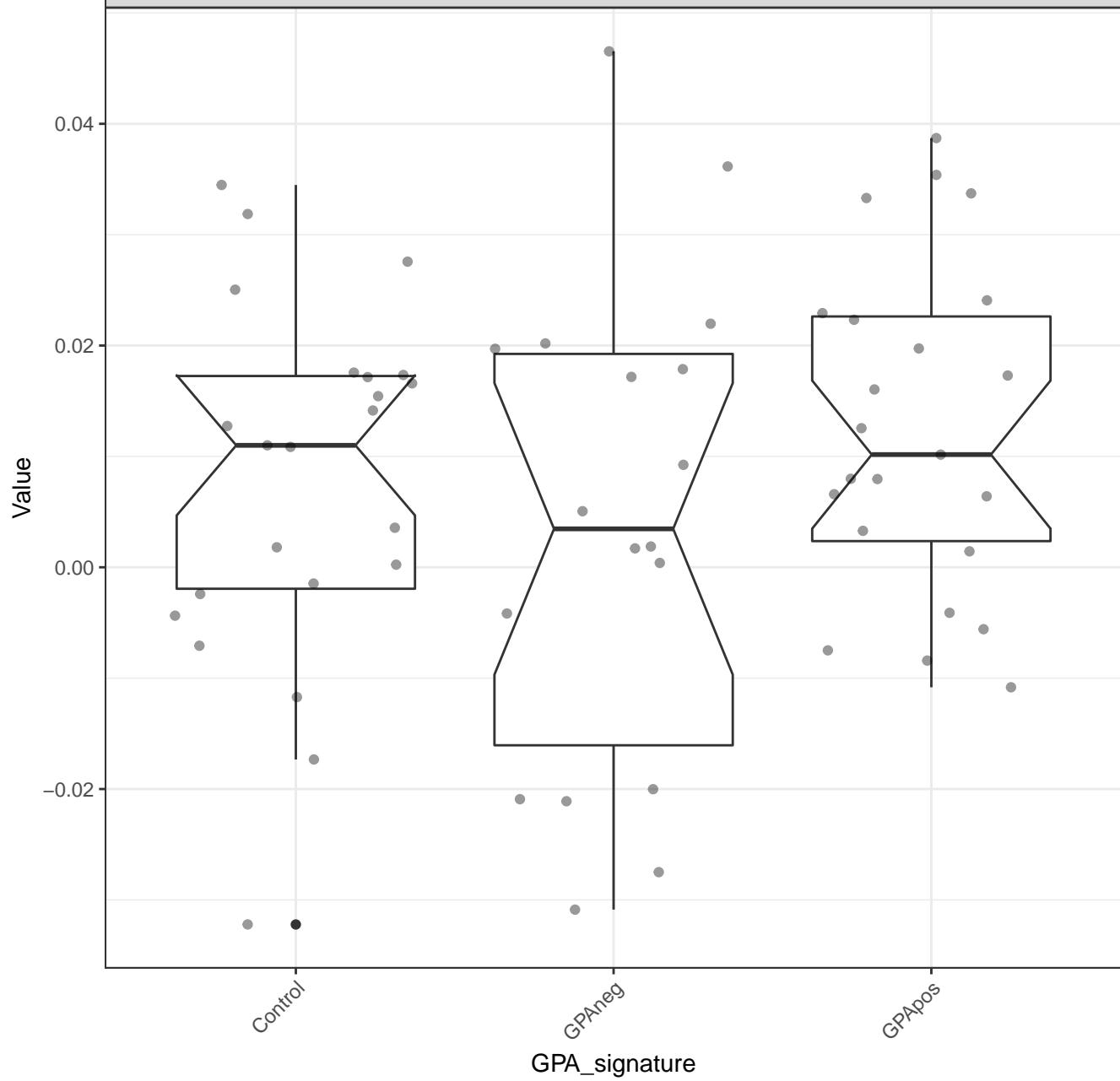
LV 292



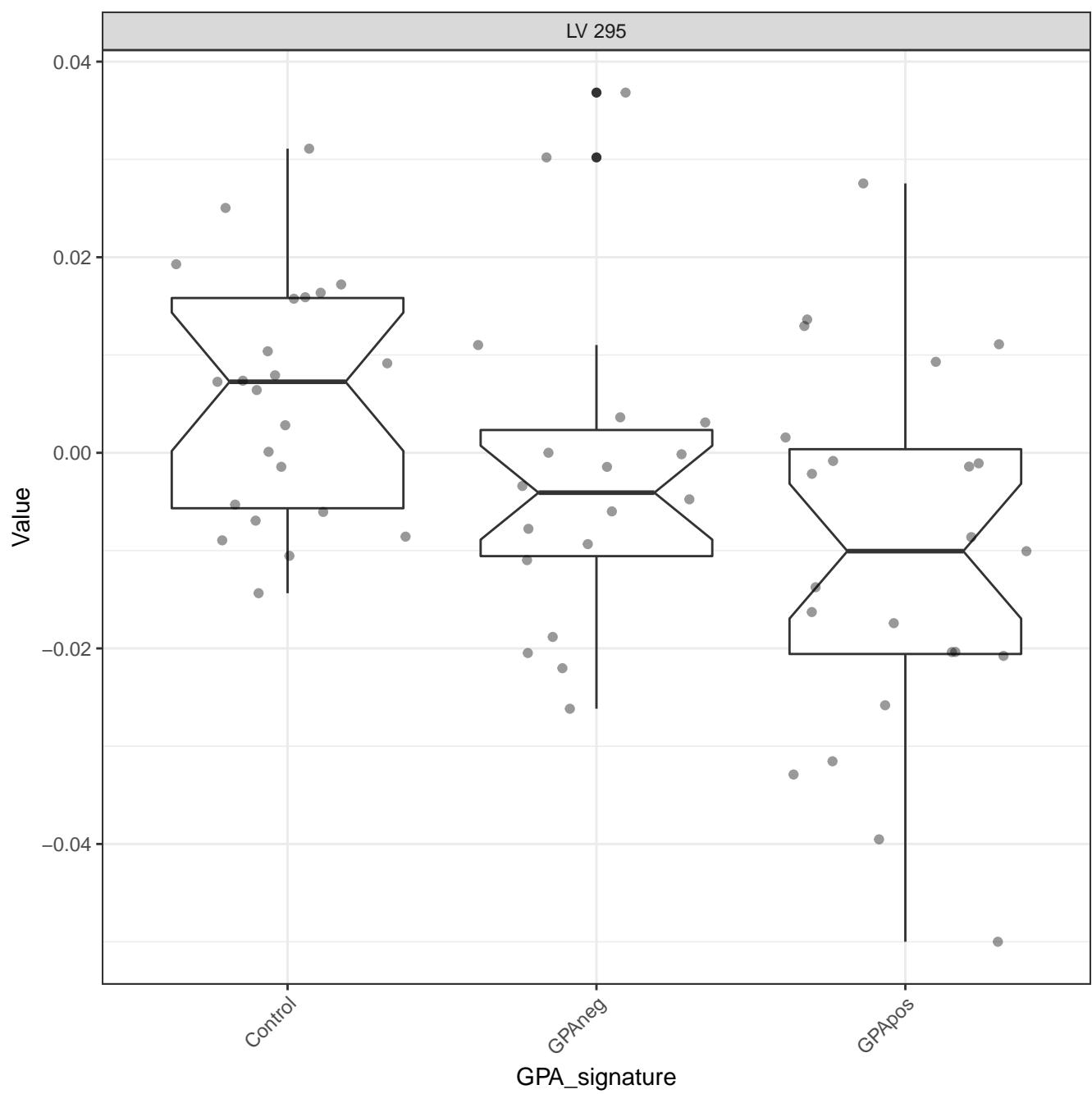
LV 293



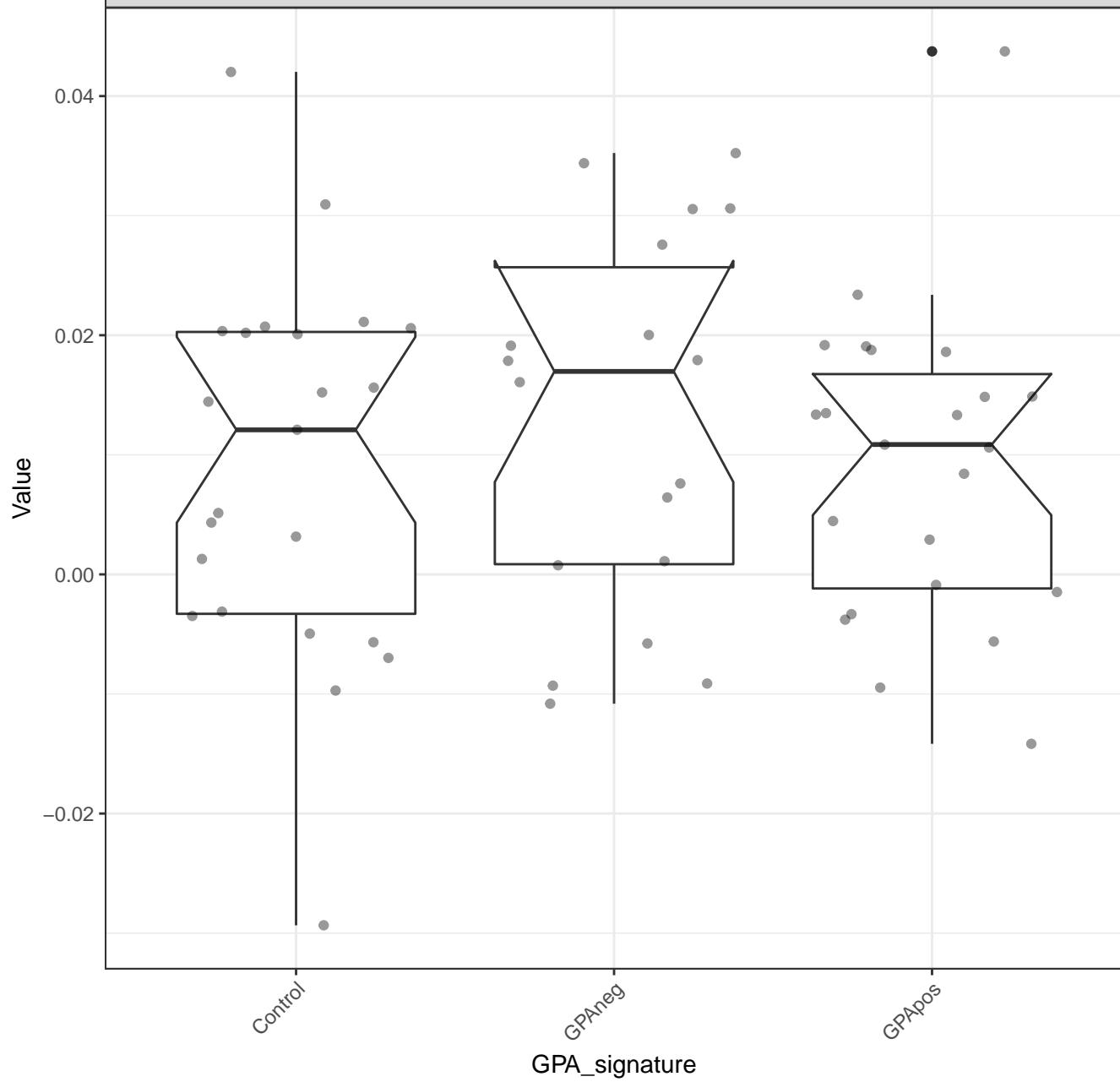
LV 294



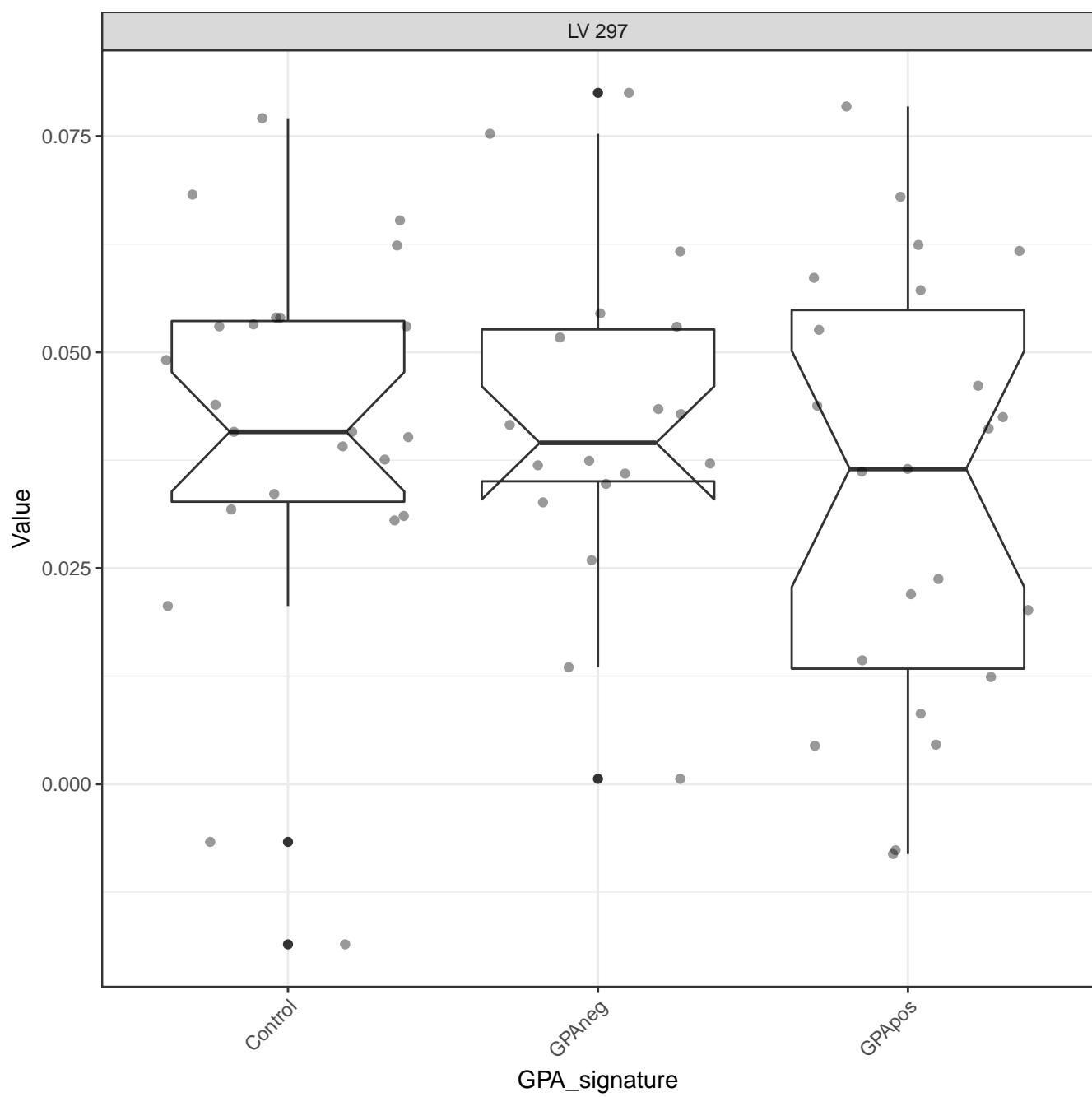
LV 295



296,REACTOME_TELOMERE_MAINTENANCE



LV 297



LV 298

Value

0.05

0.00

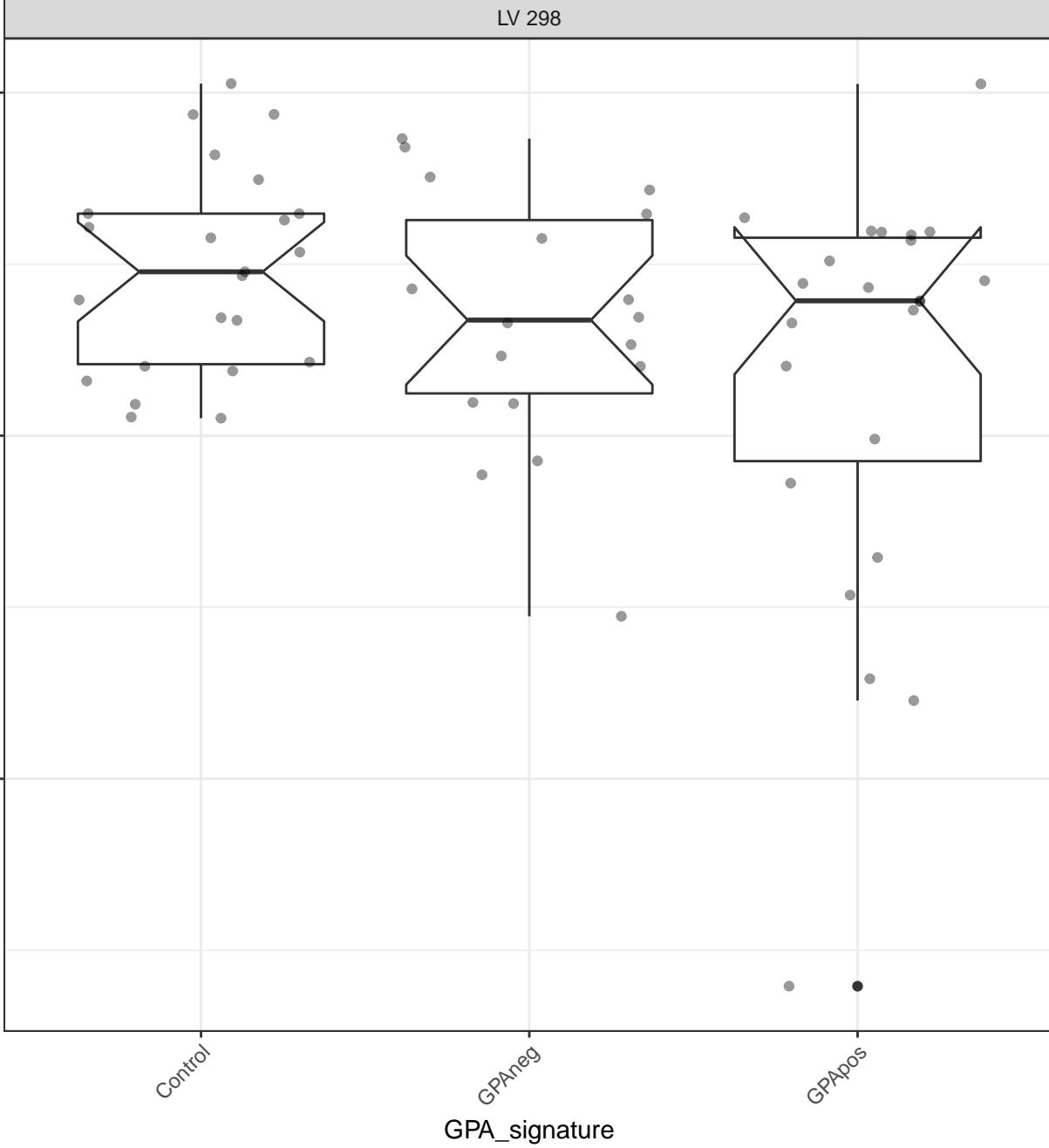
-0.05

Control

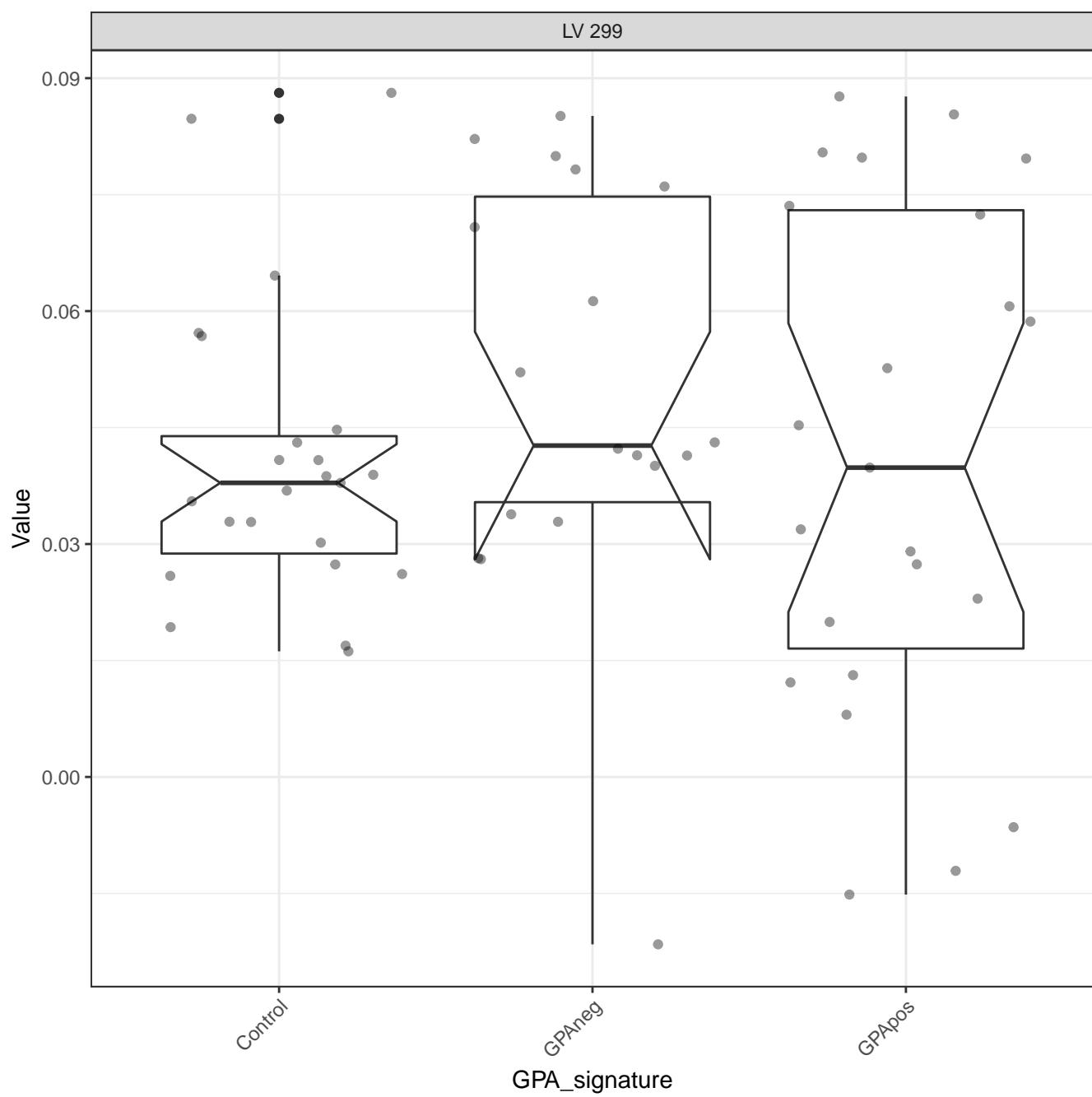
GPAneg

GPAPos

GPA_signature



LV 299



300,REACTOME_REGULATION_OF_APOPTOSIS

Value

0.050

0.025

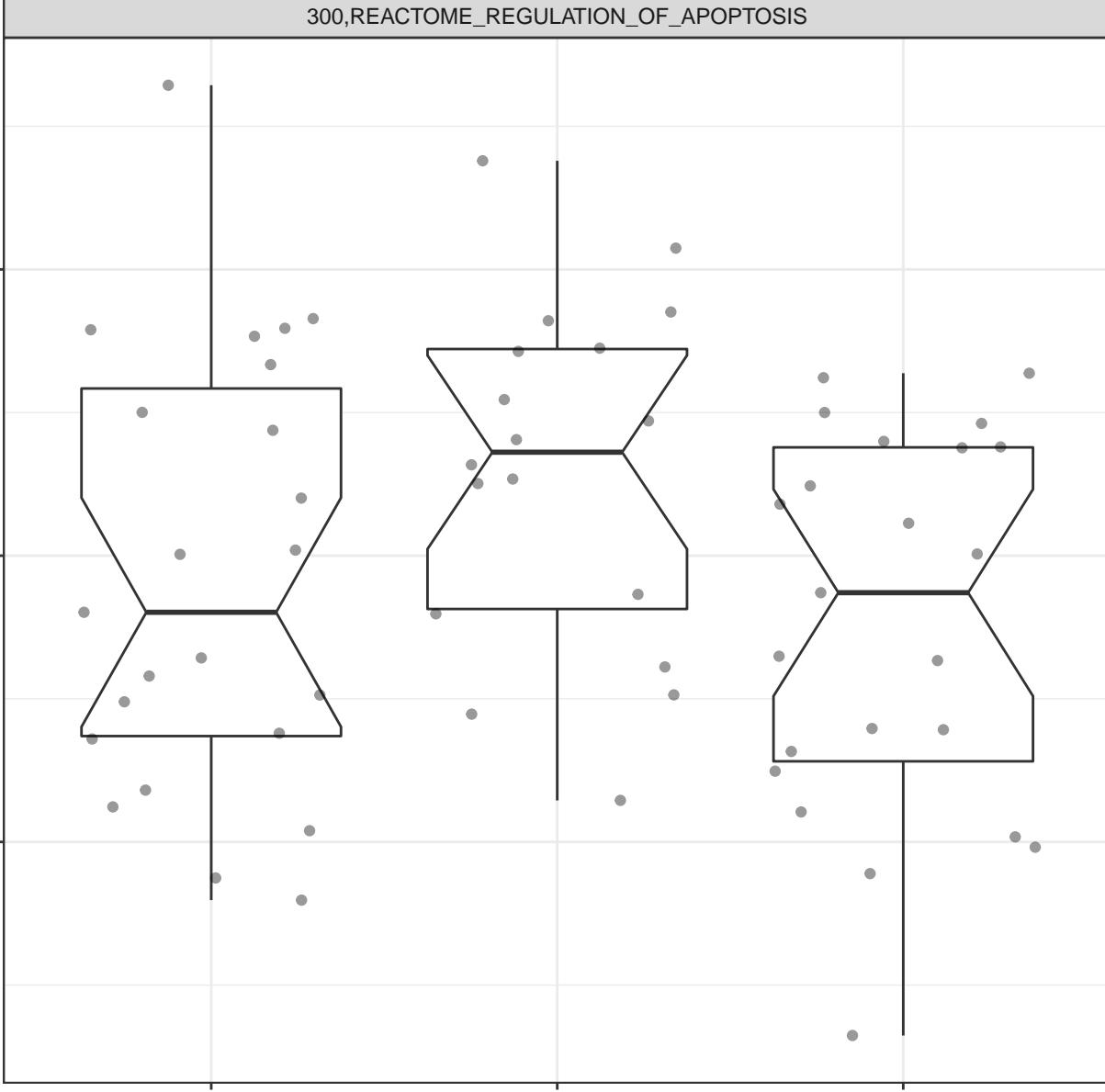
0.000

Control

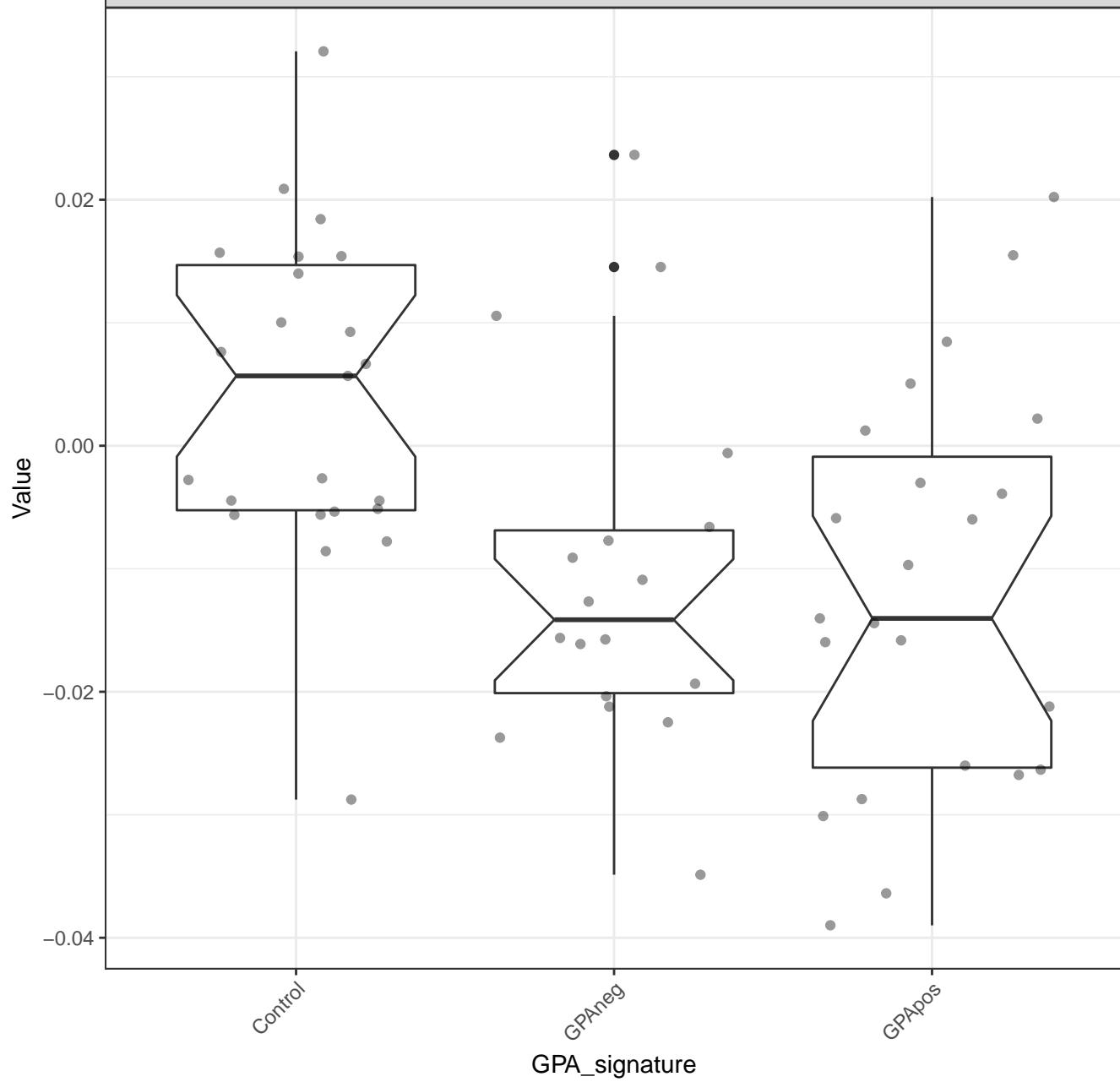
GPA_signature

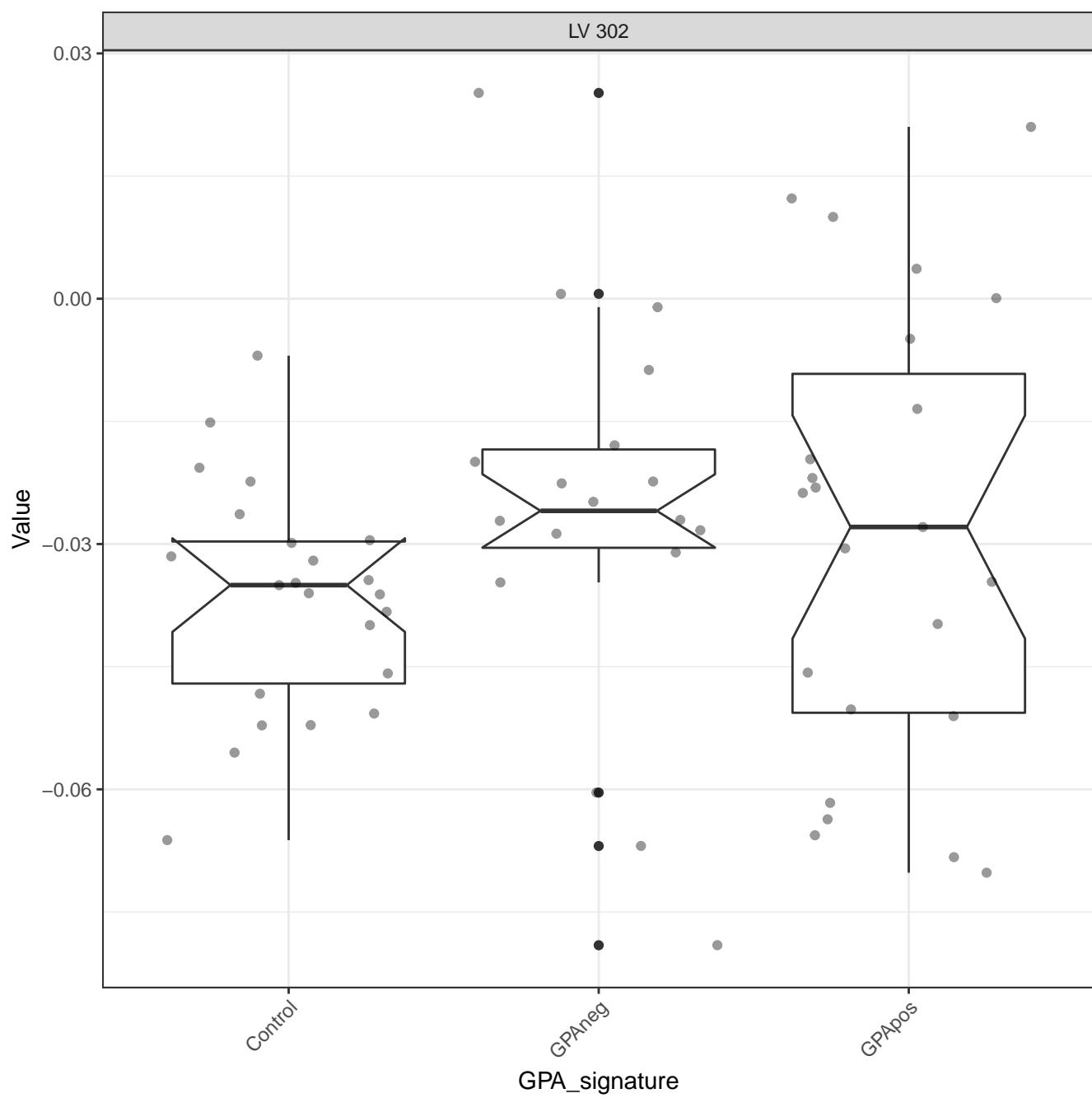
GPNeg

GPAPos

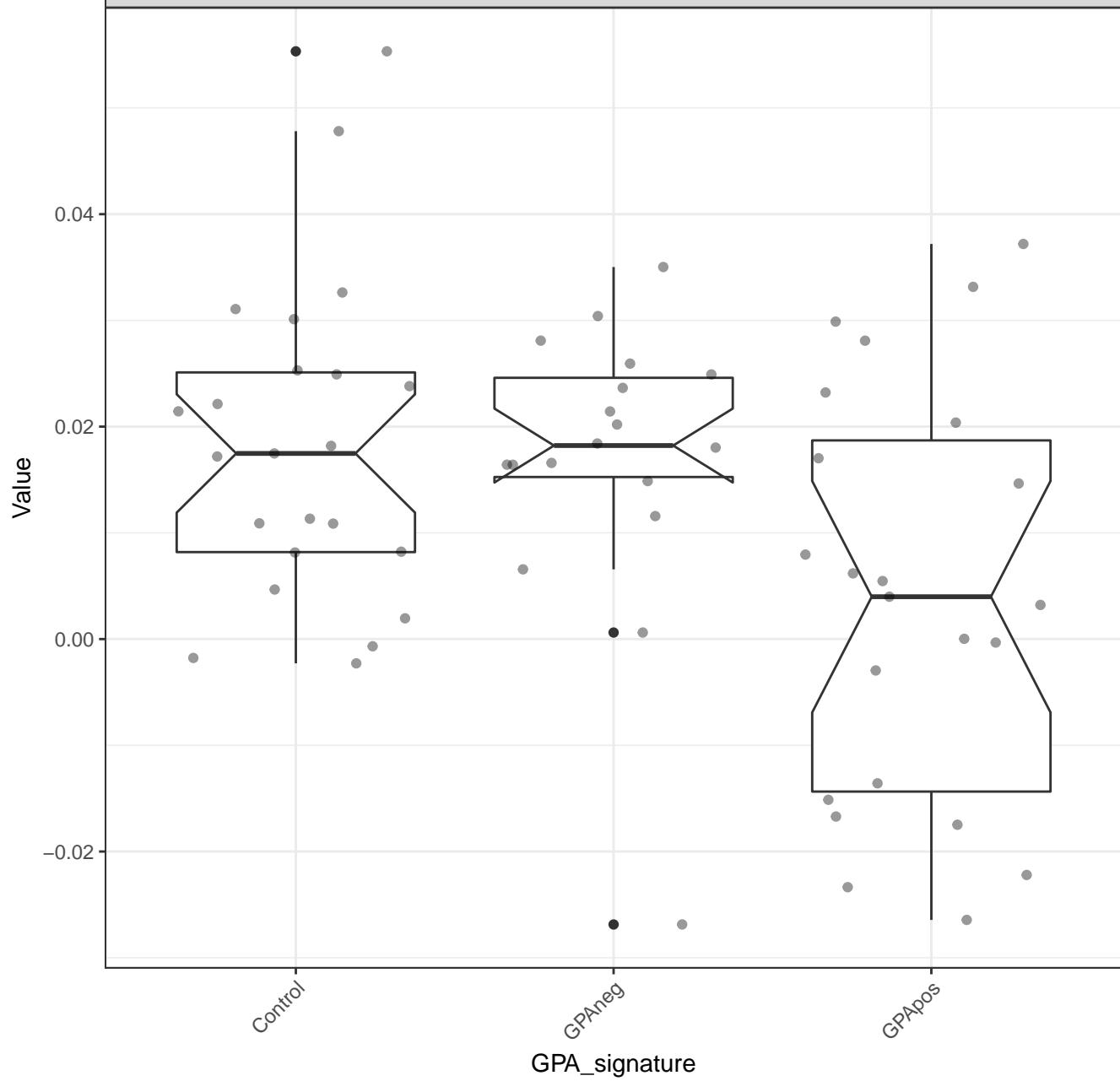


LV 301

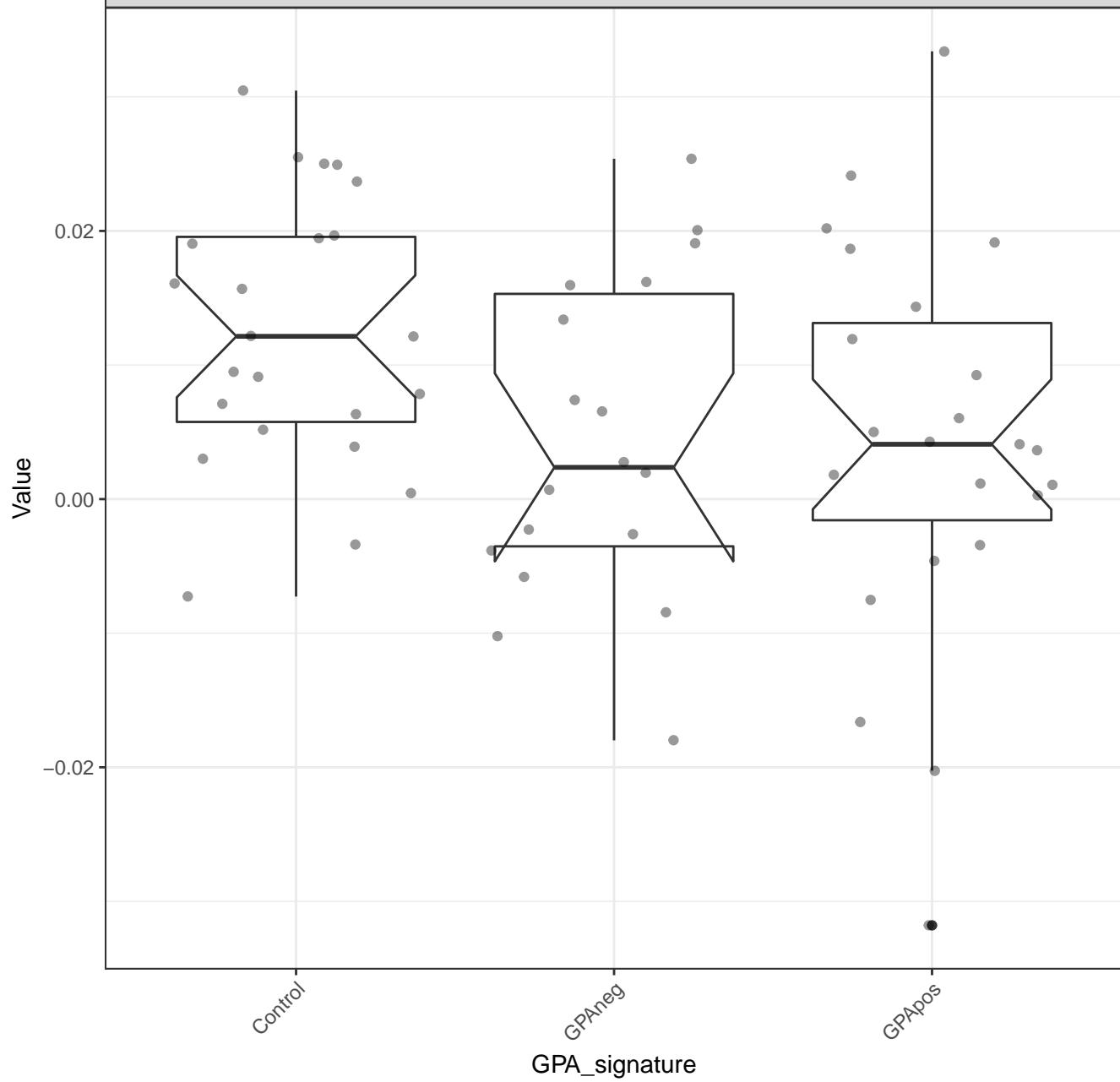




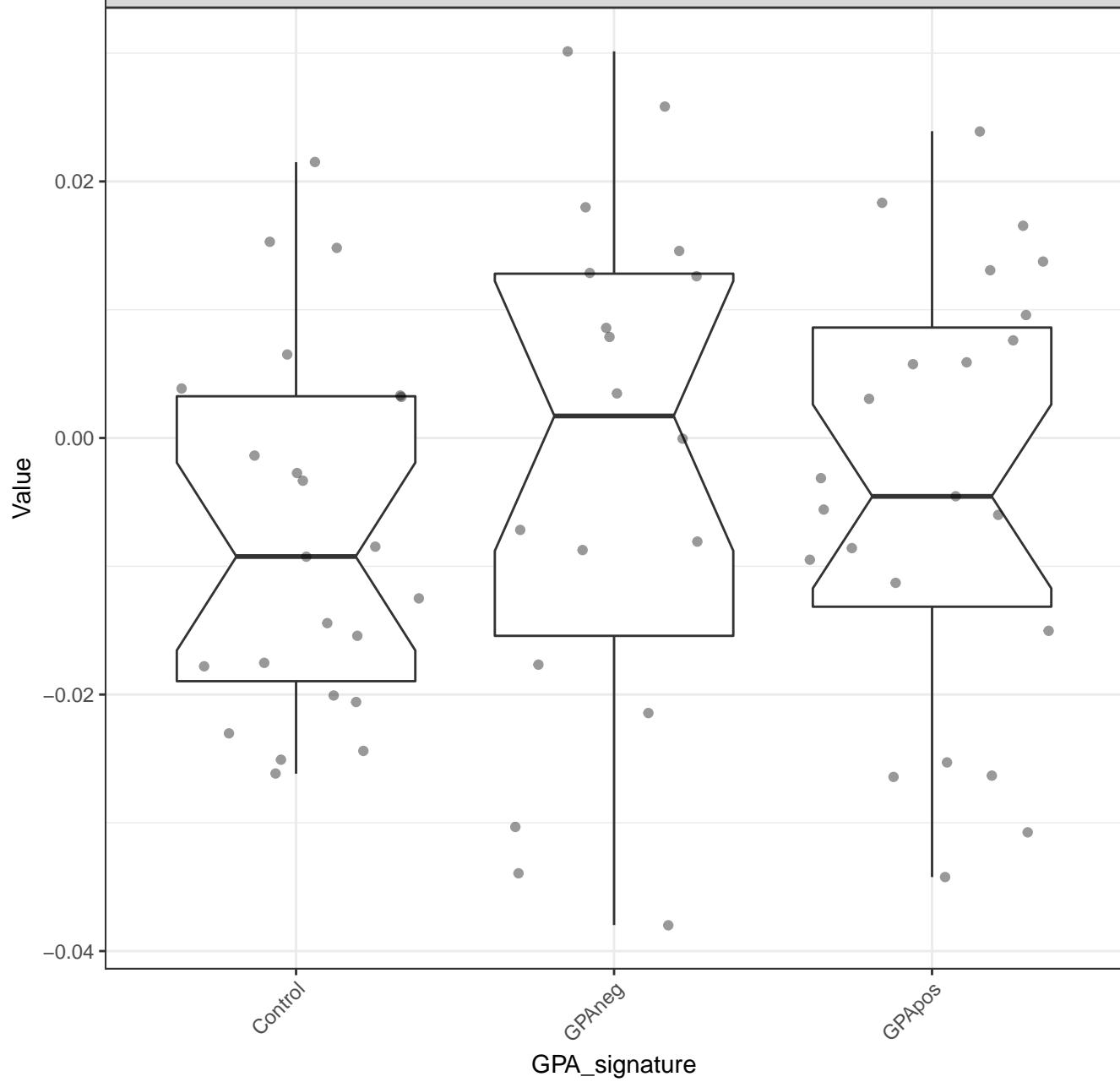
LV 303



LV 304



LV 305



LV 306

Value

0.06

0.03

0.00

-0.03

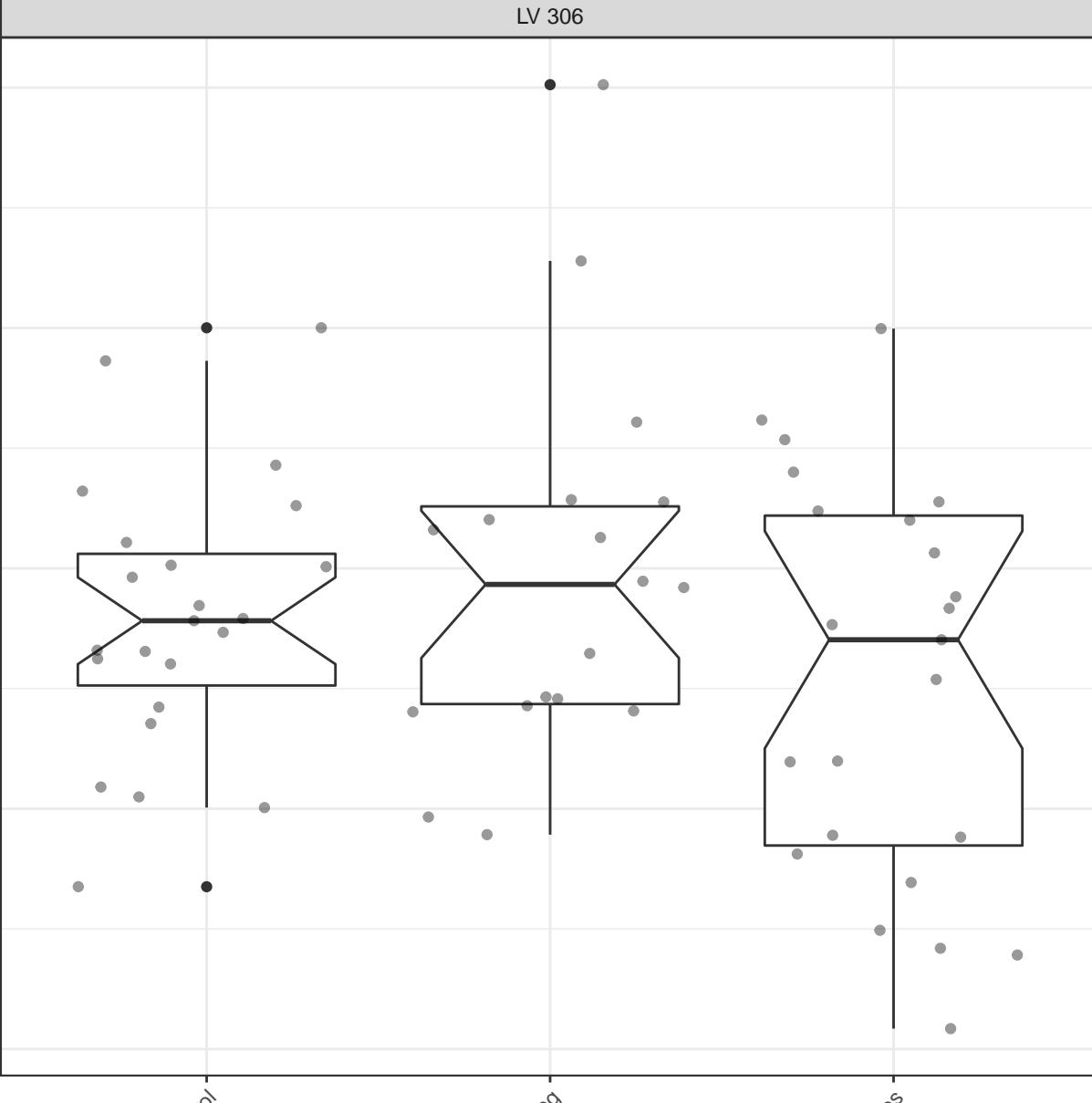
-0.06

Control

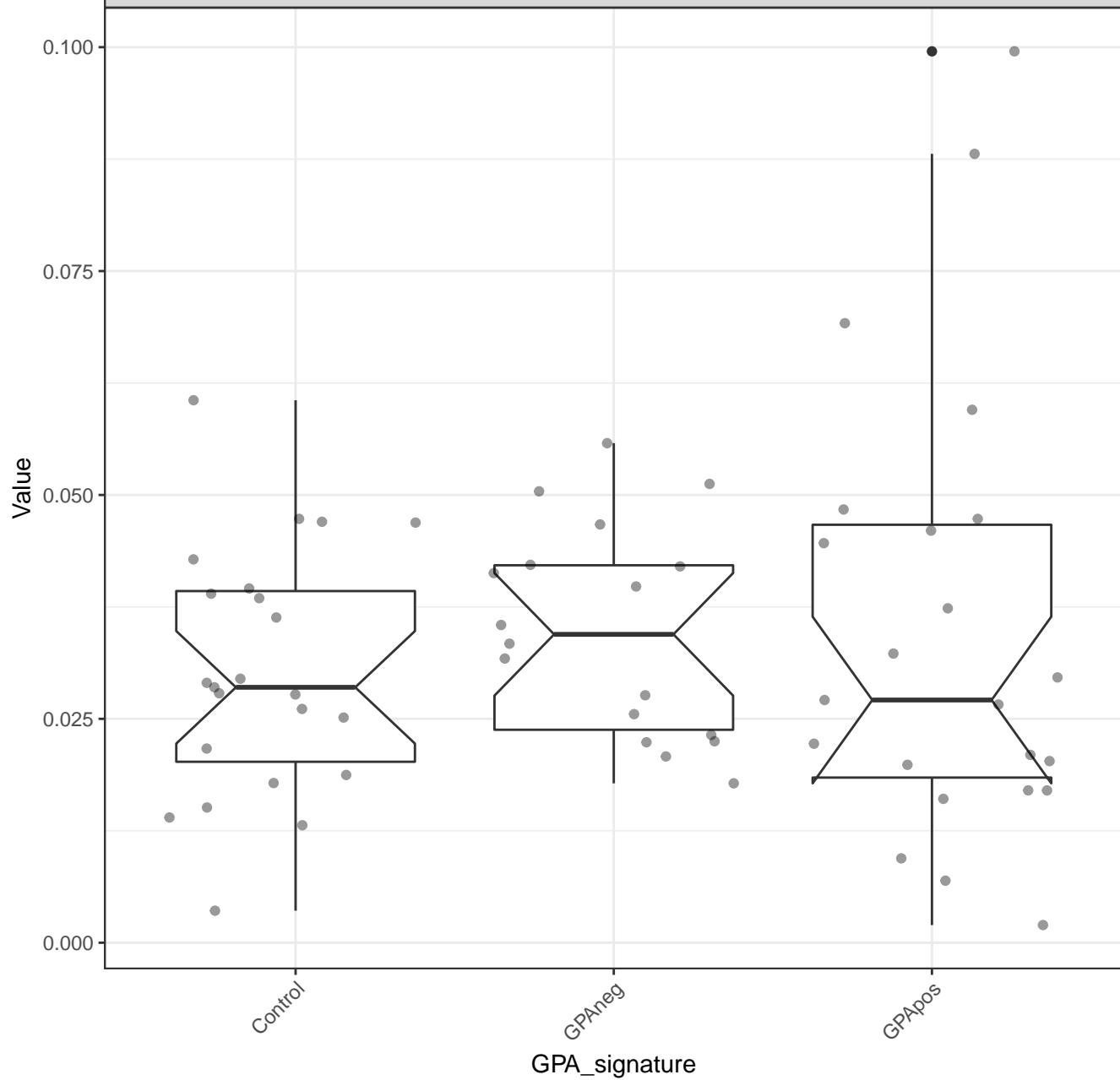
GPA_signature

GPAneg

GPApos



LV 307



LV 308

Value

0.04

0.02

0.00

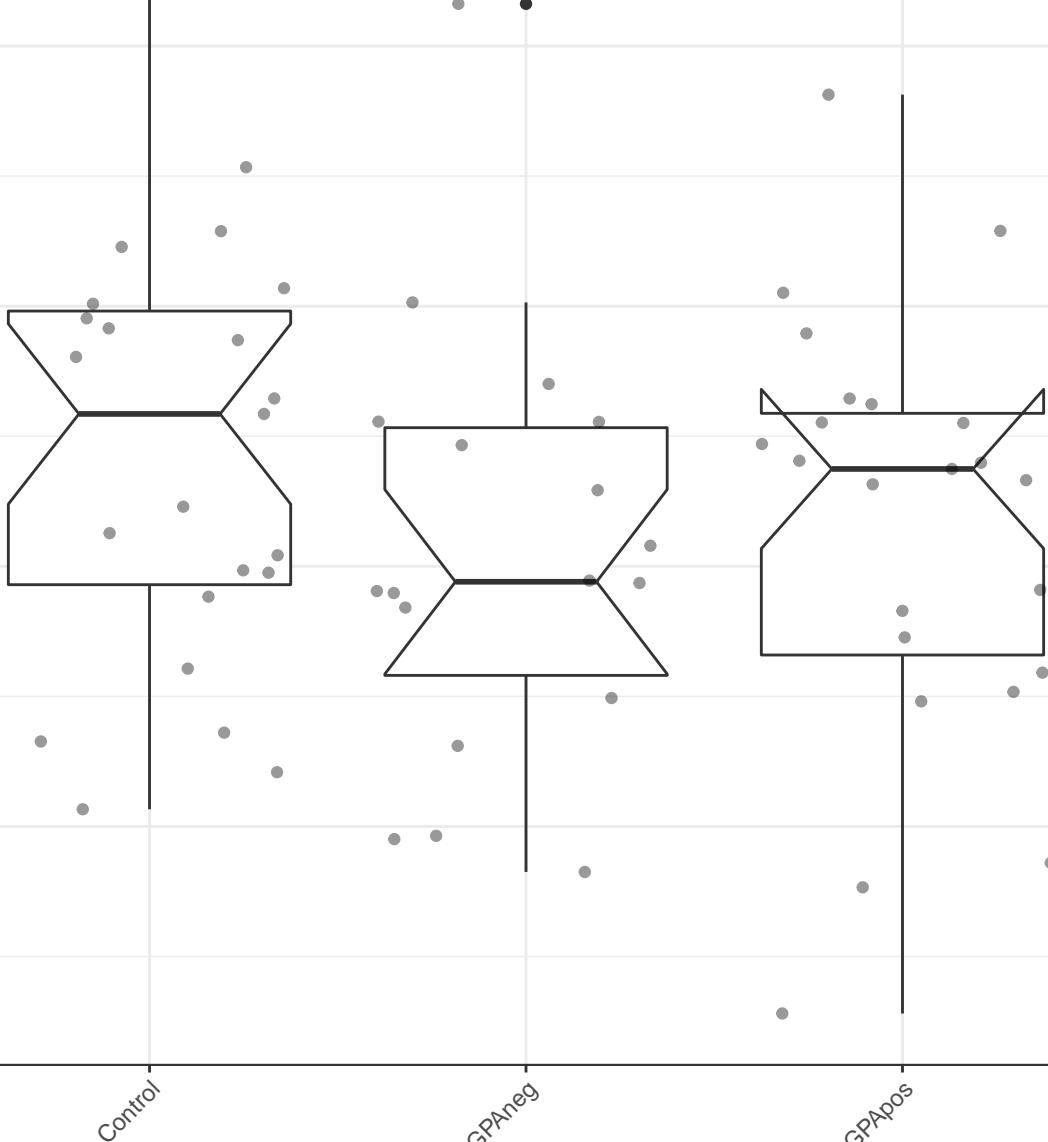
-0.02

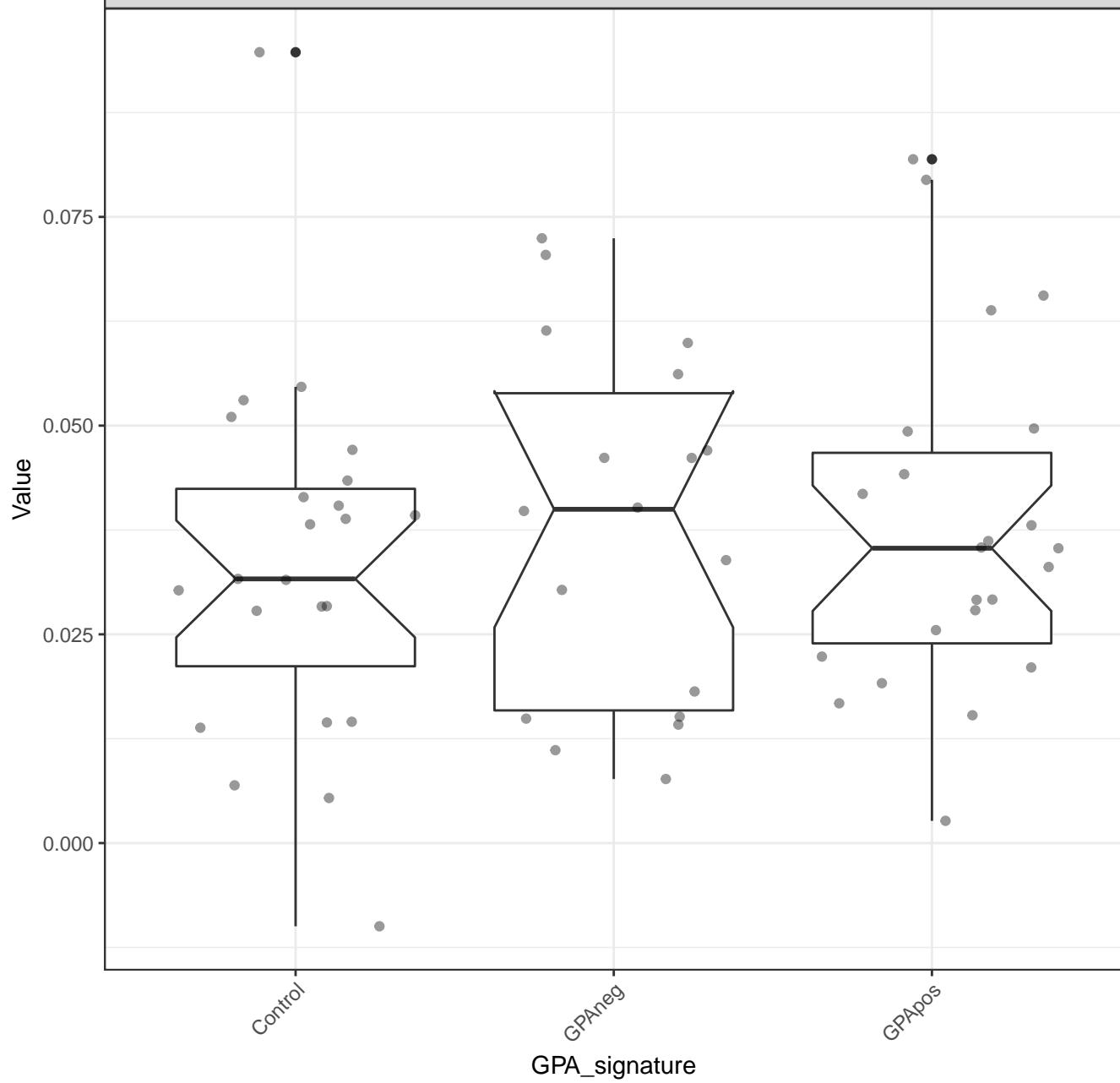
Control

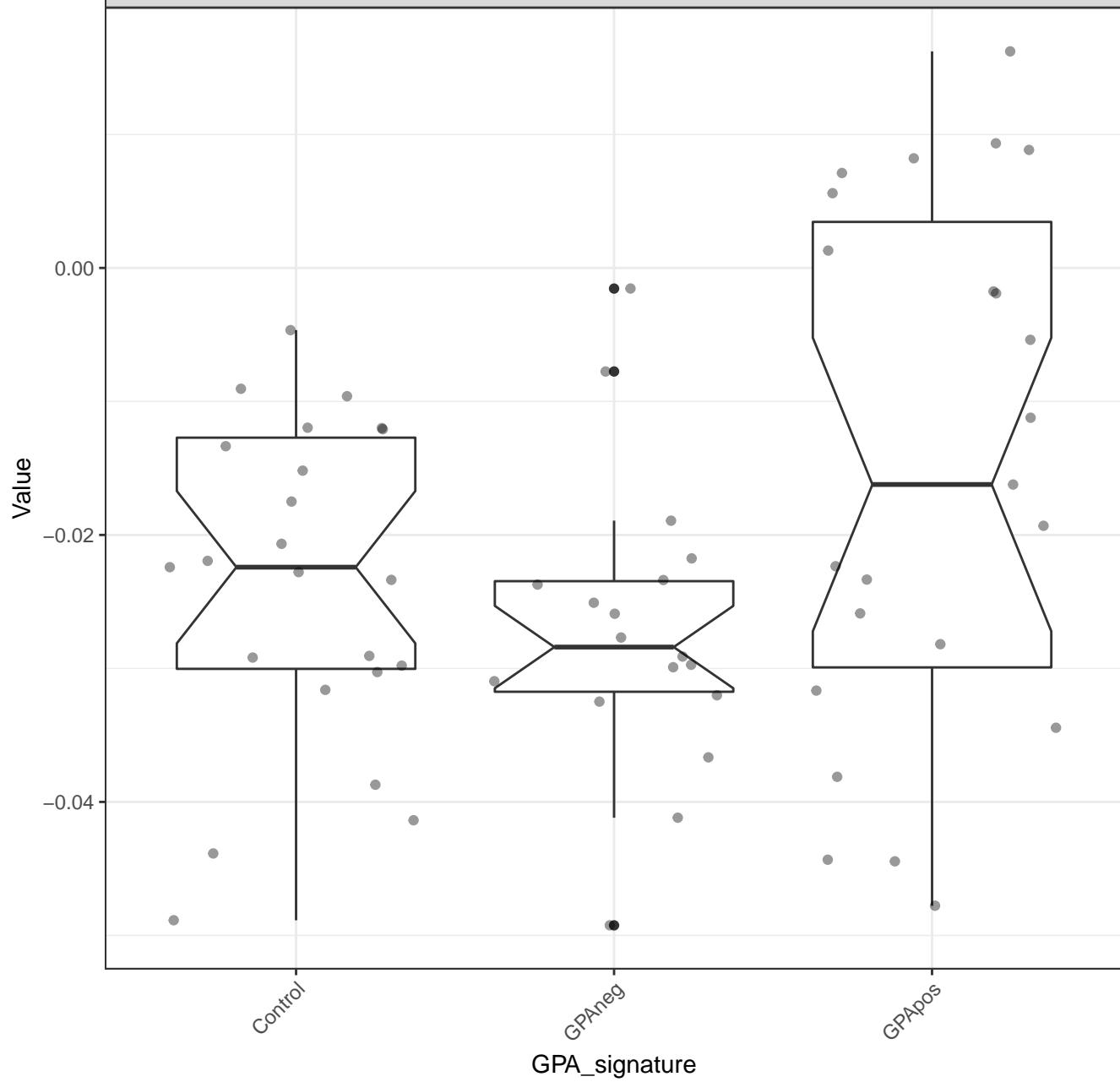
GPA_signature

GPAneg

GPApos







LV 311

Value

0.06

0.04

0.02

0.00

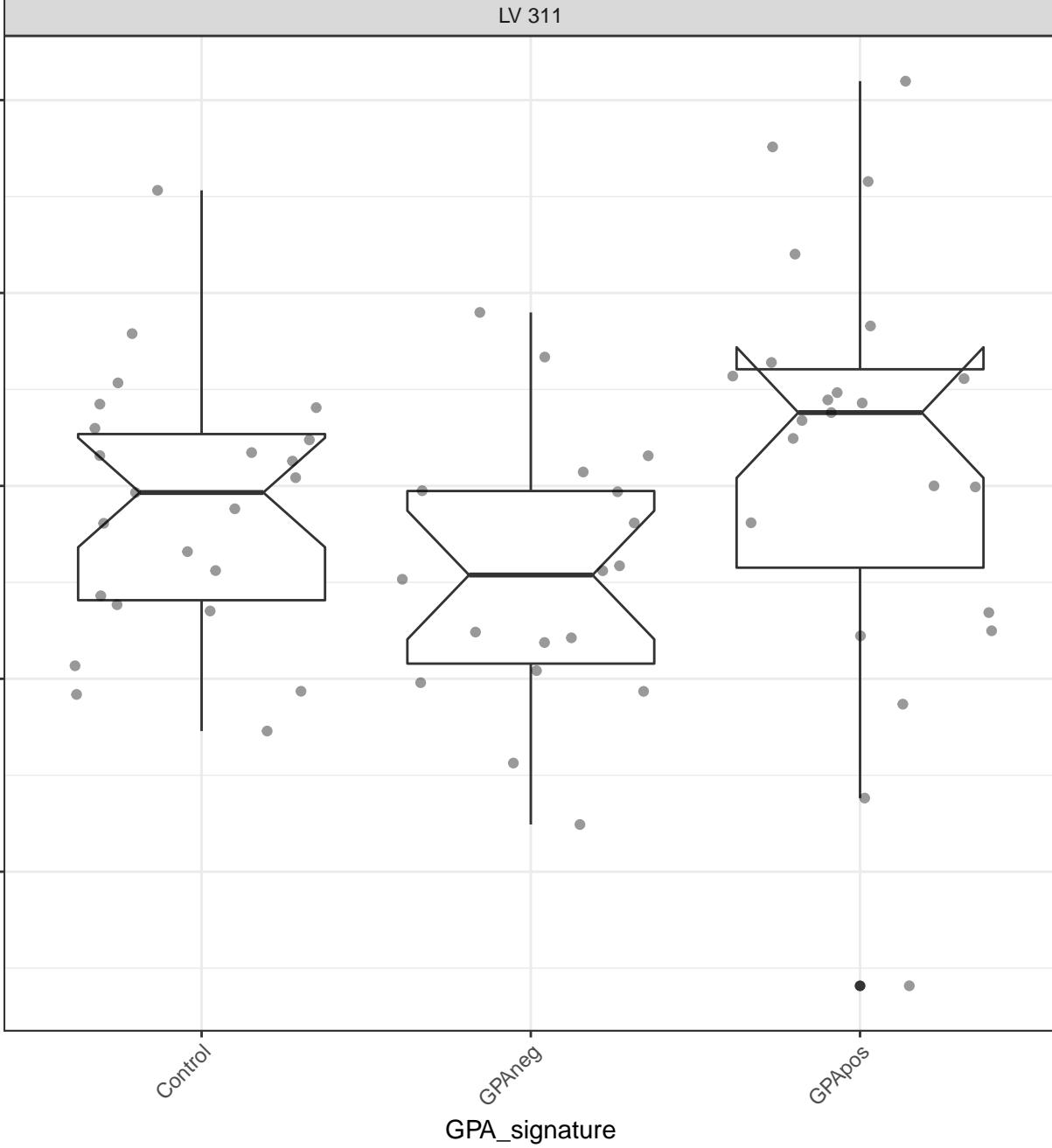
-0.02

Control

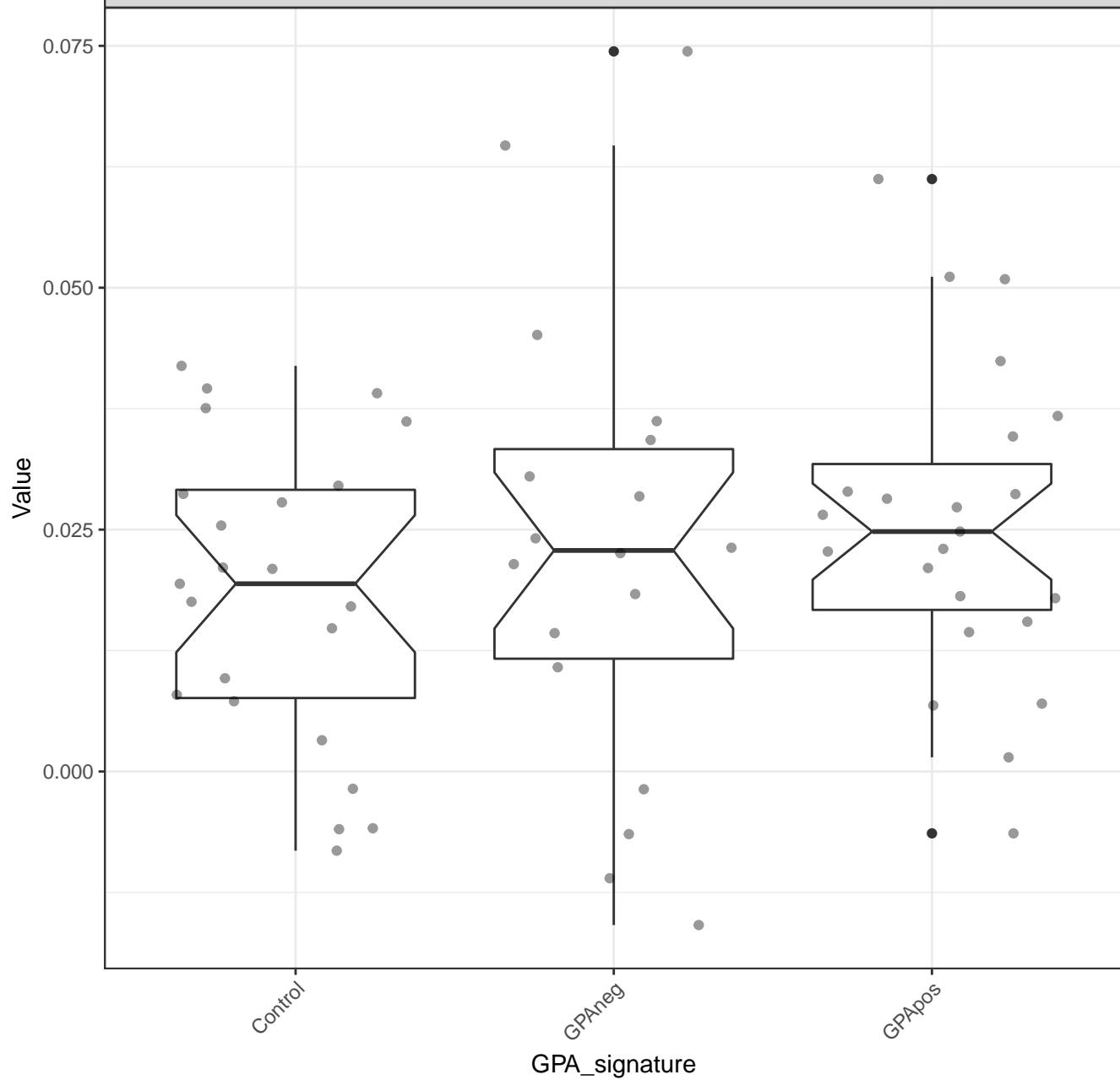
GPAneg

GPAPos

GPA_signature



LV 312



LV 313

Value

0.050

0.025

0.000

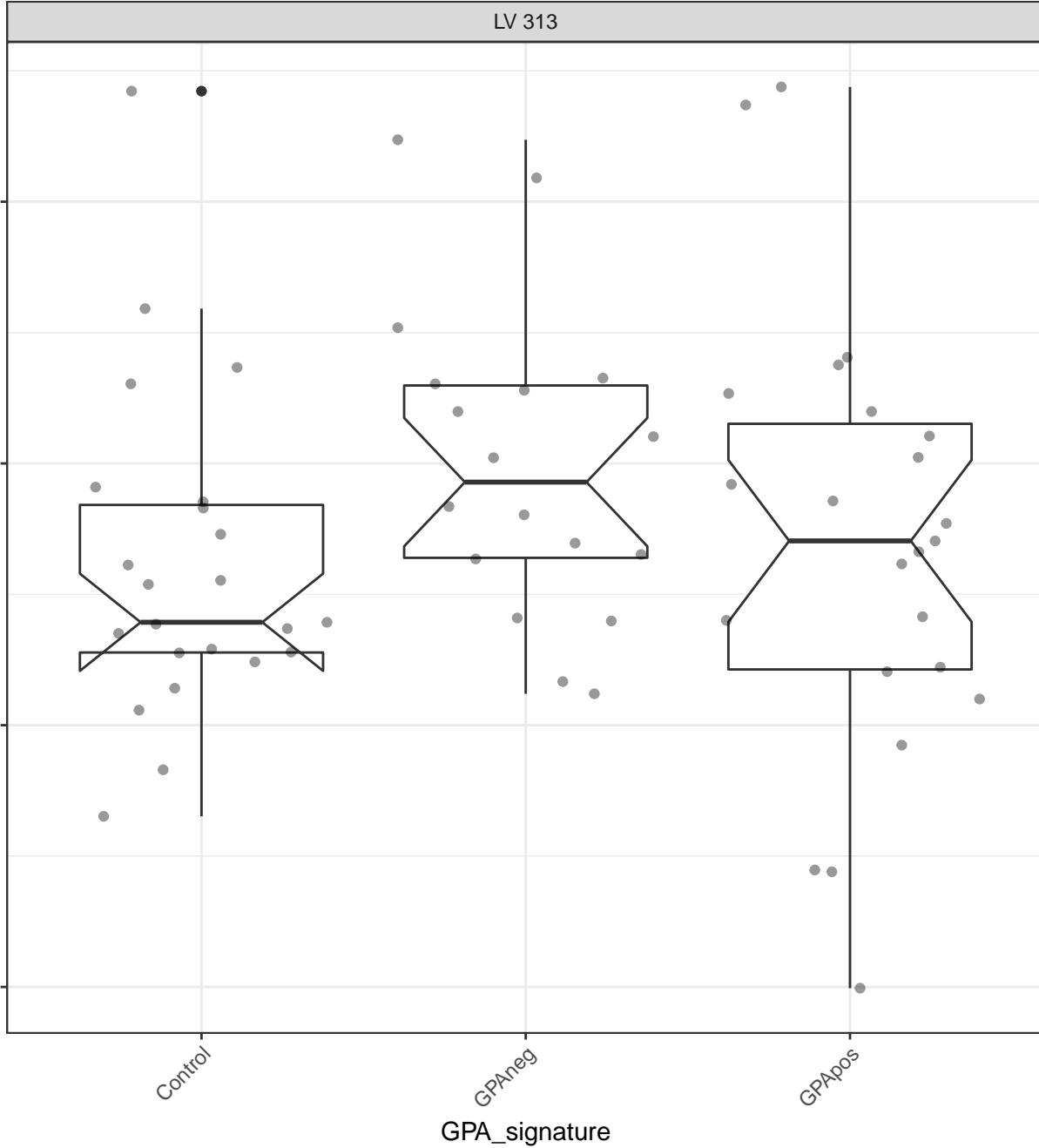
-0.025

Control

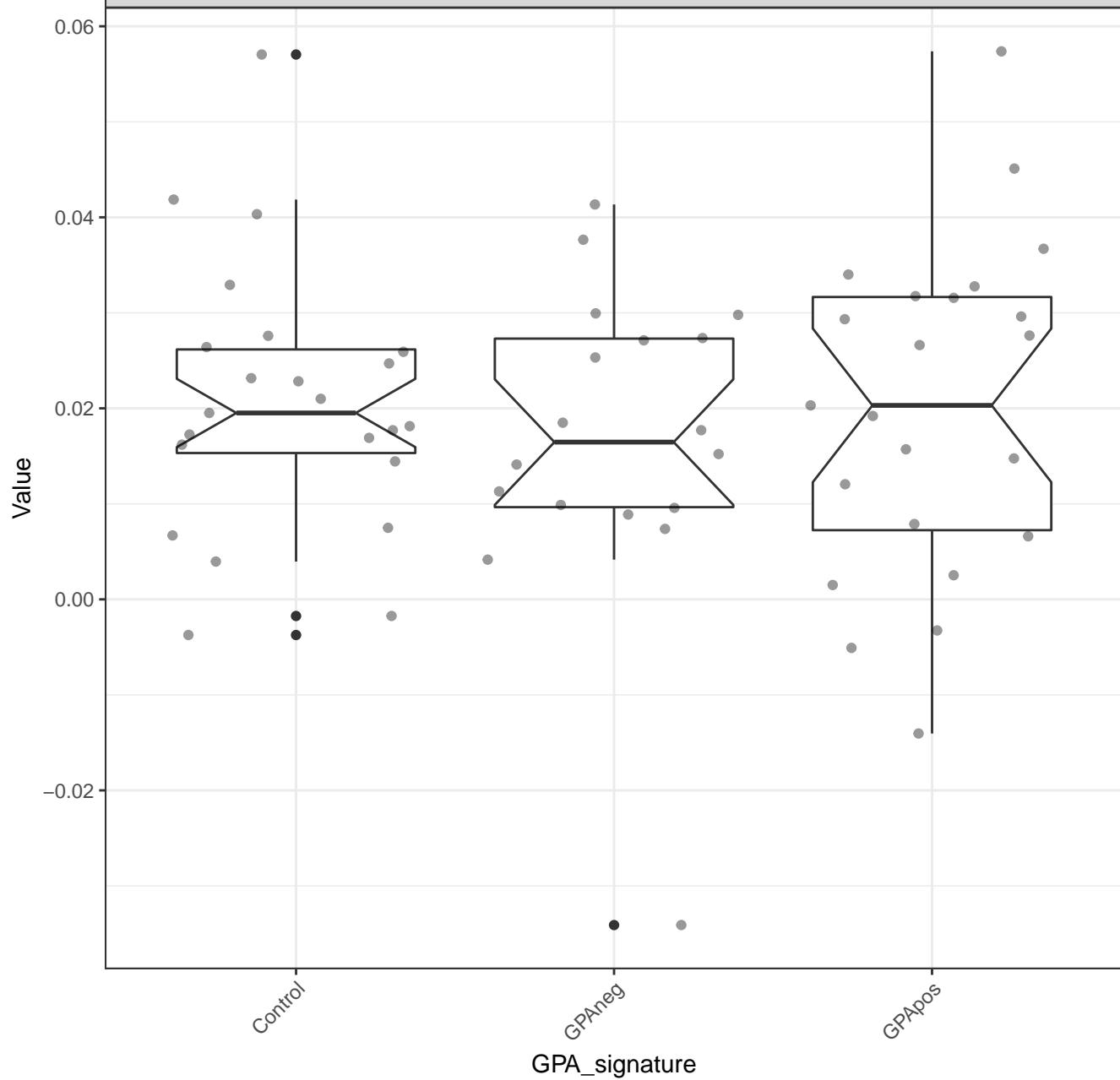
GPAneg

GPAPos

GPA_signature



LV 314



LV 315

Value

0.04

0.00

-0.04

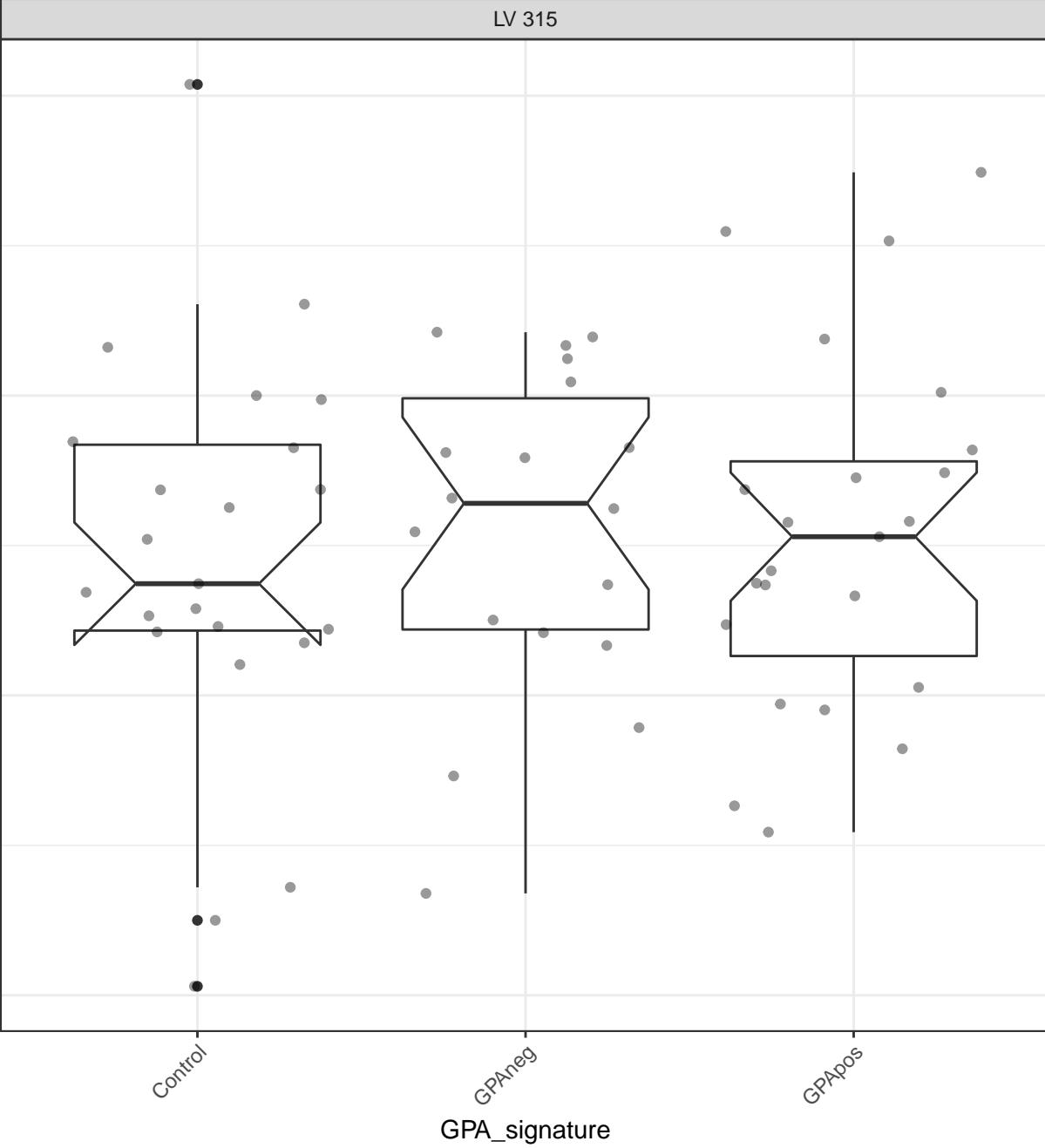
-0.08

Control

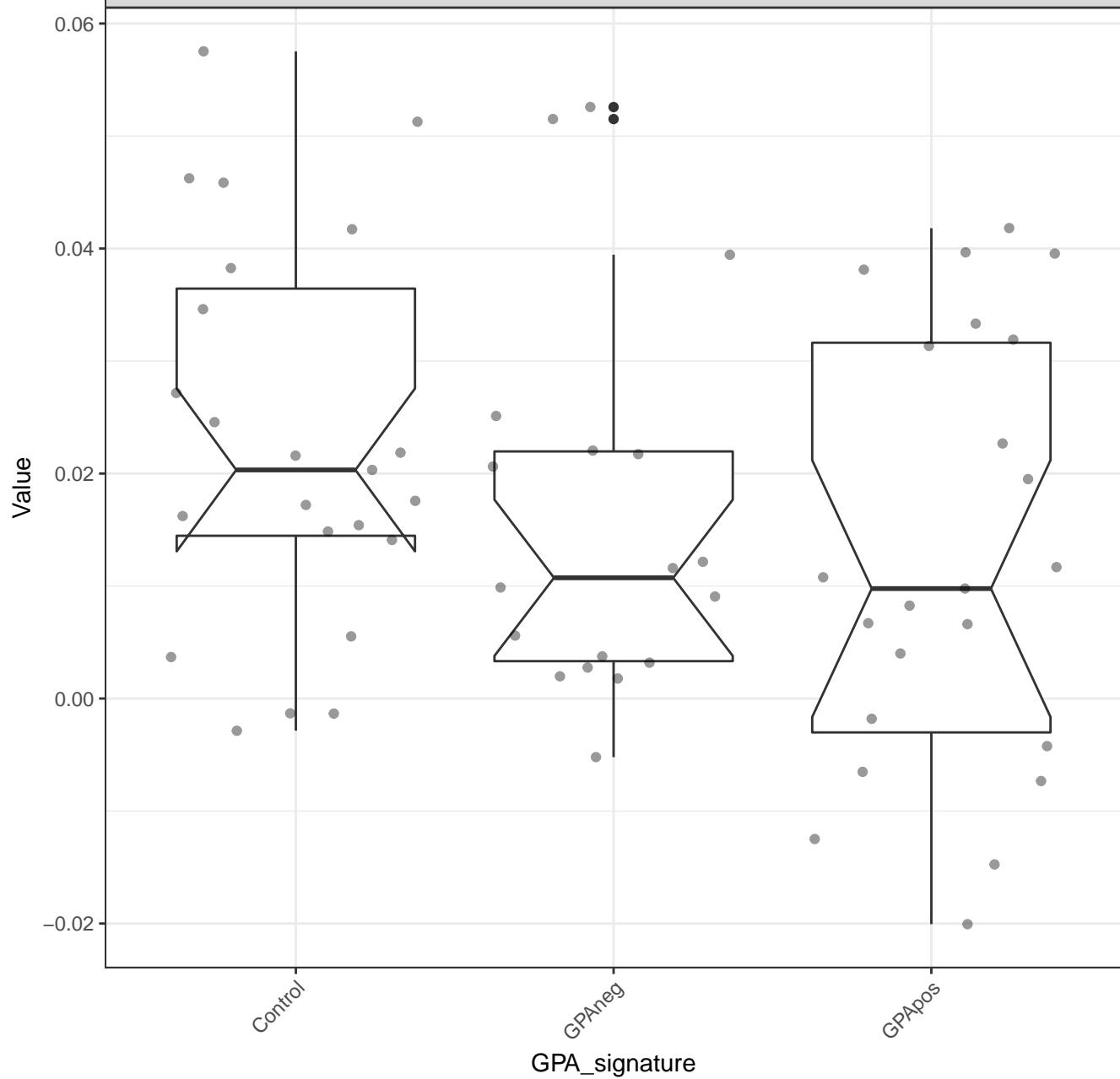
GPAneg

GPApos

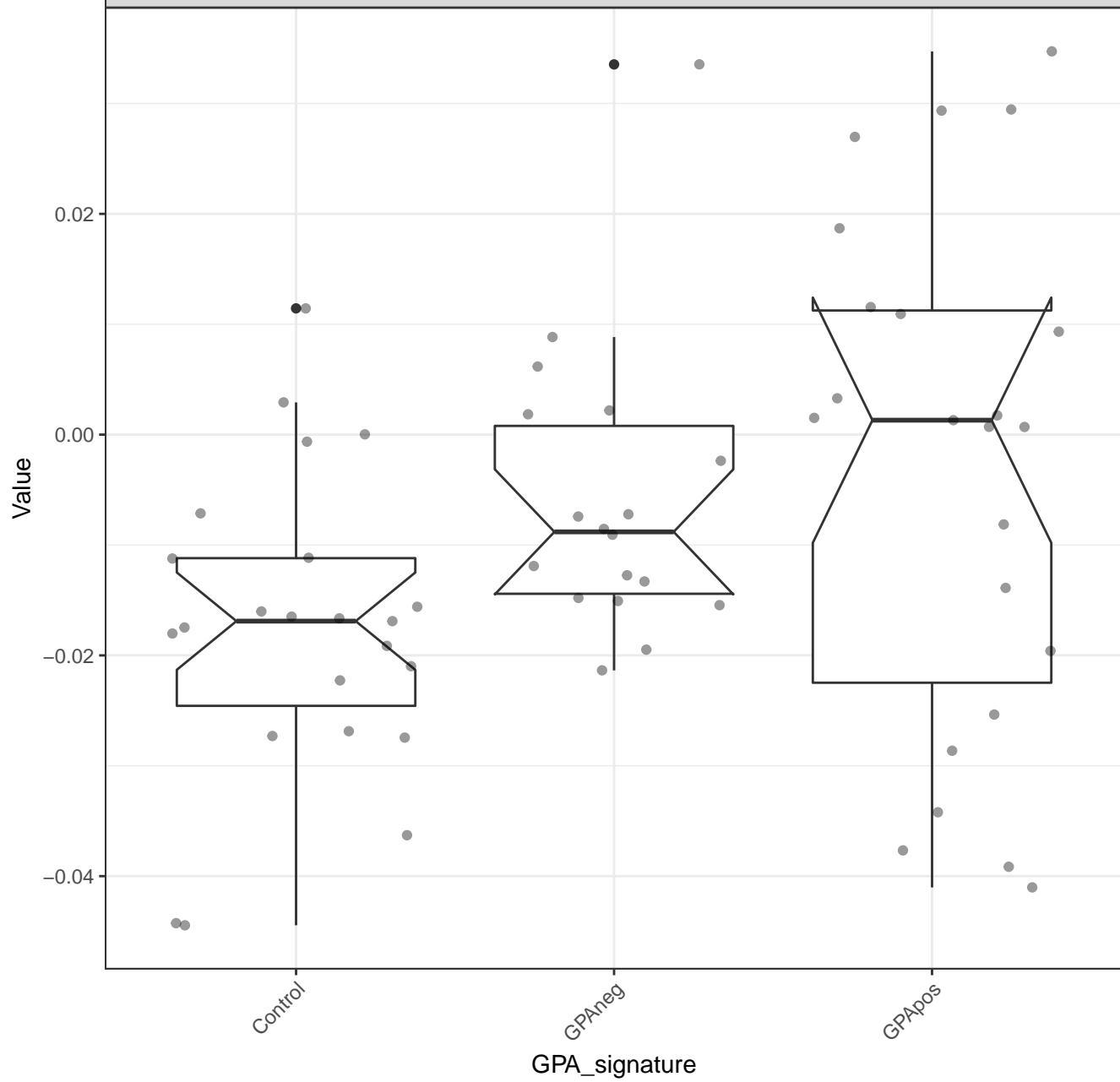
GPA_signature



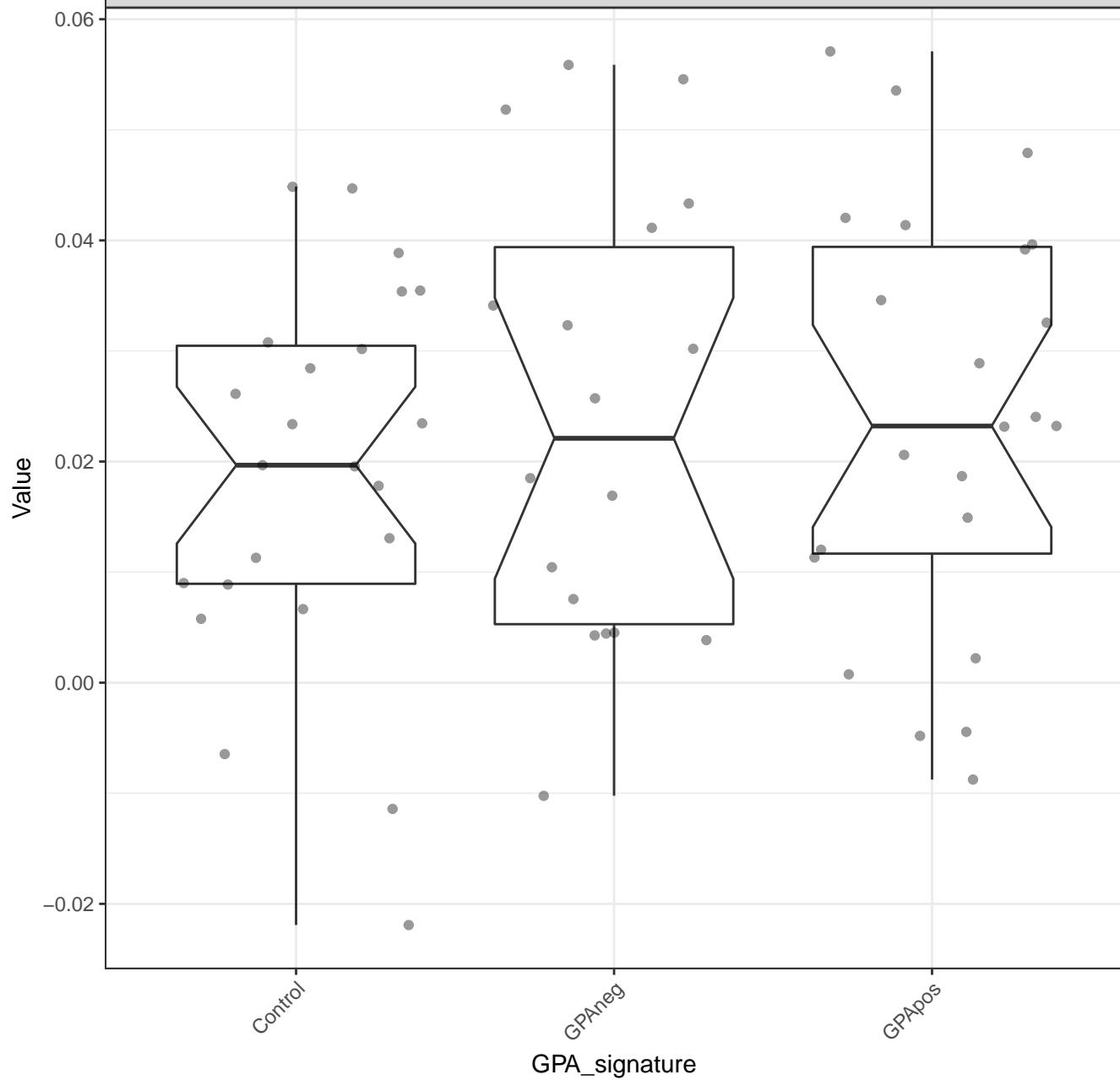
LV 316



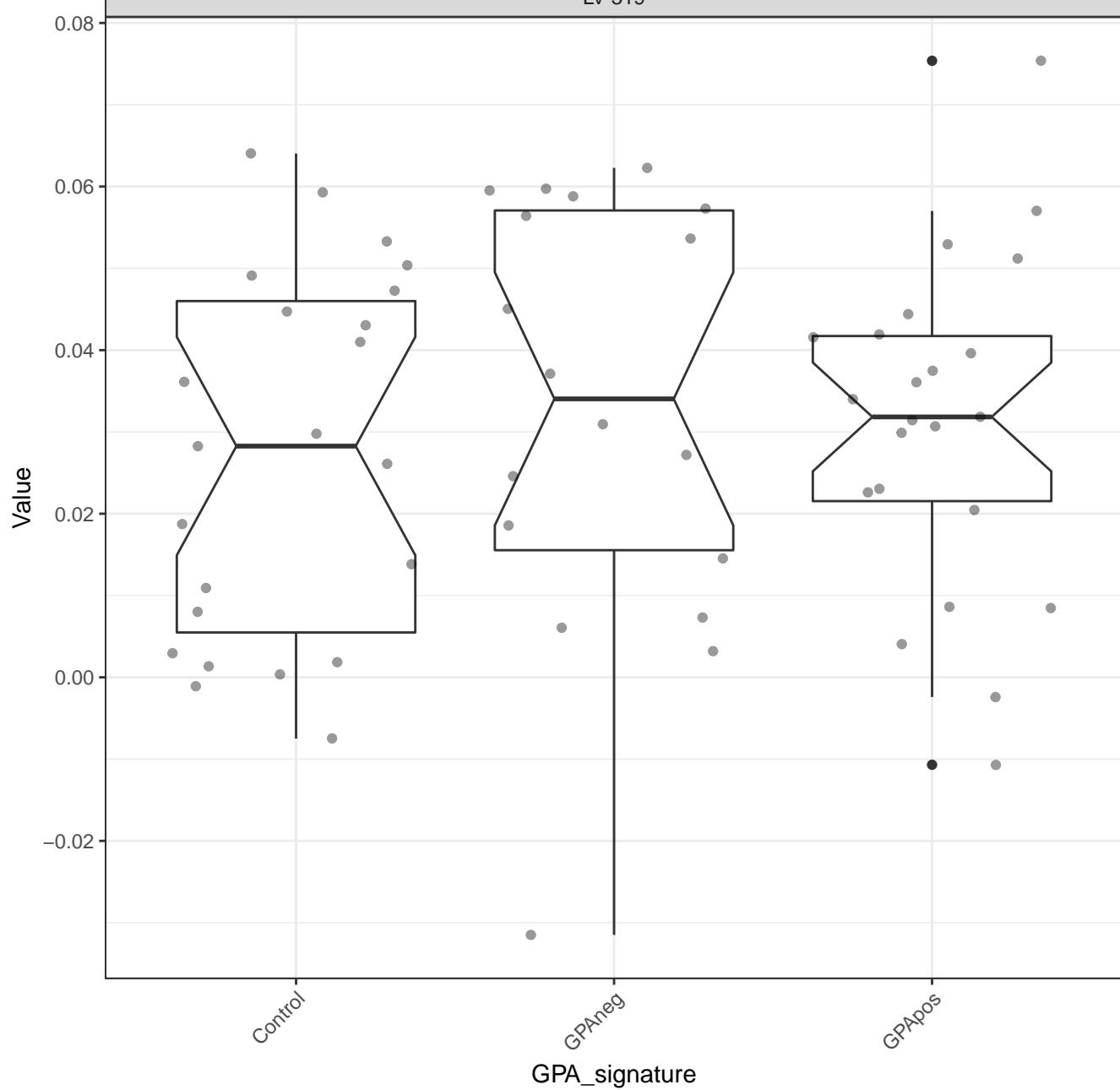
LV 317



LV 318



LV 319



Value

0.025

0.000

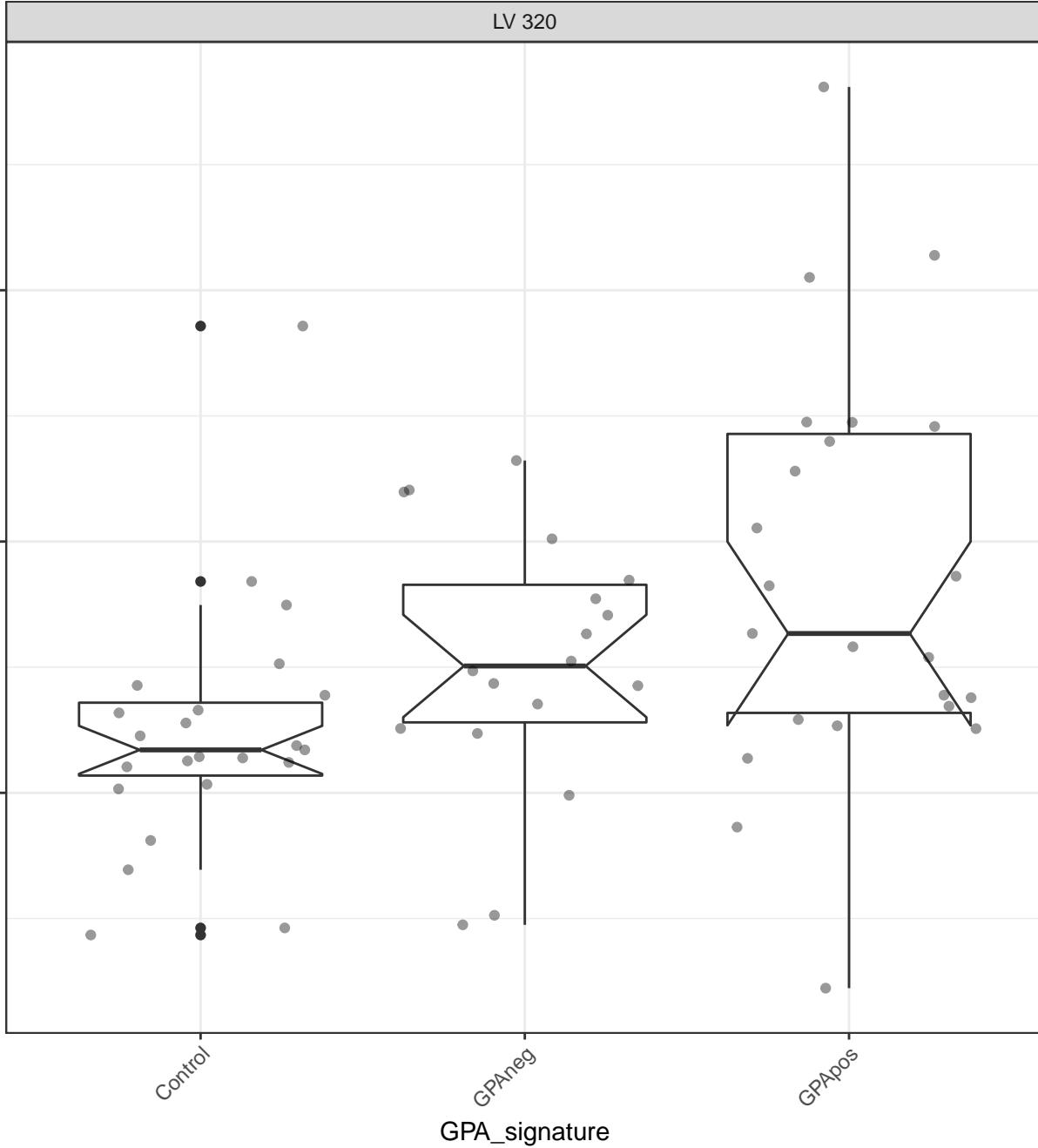
-0.025

Control

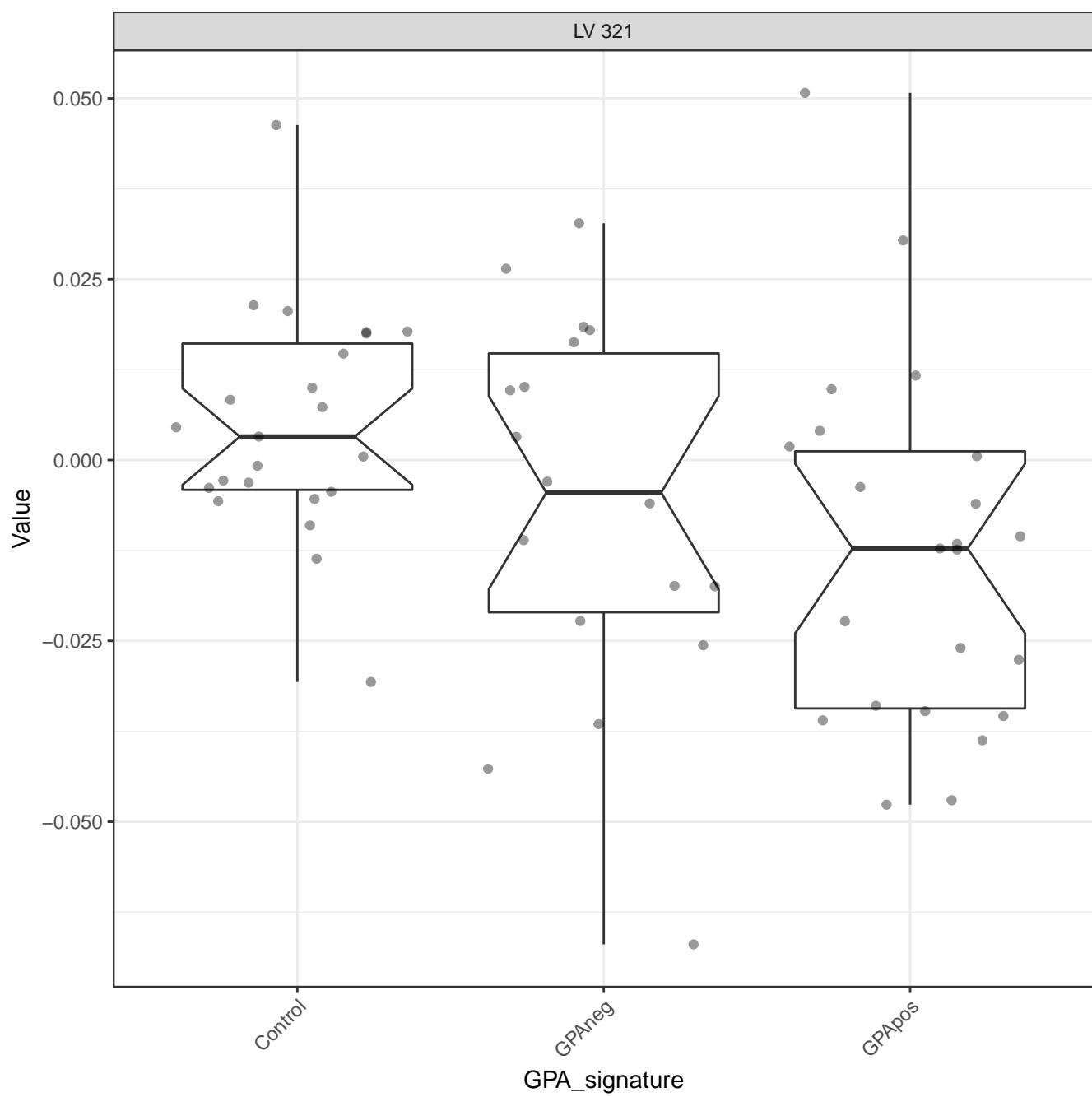
GPAneg

GPAPos

GPA_signature



LV 321



LV 322

Value

0.04

0.02

0.00

-0.02

-0.04

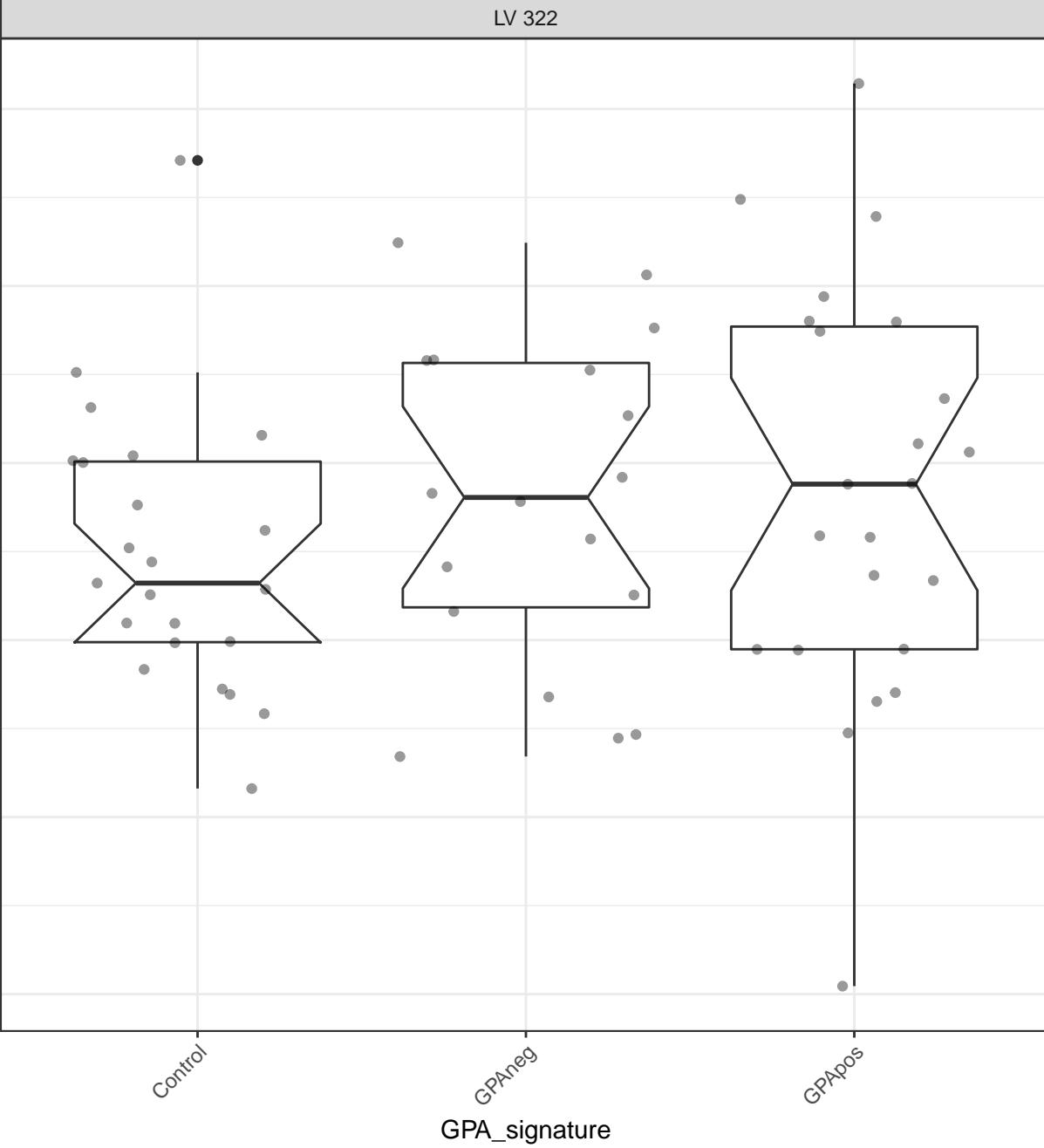
-0.06

Control

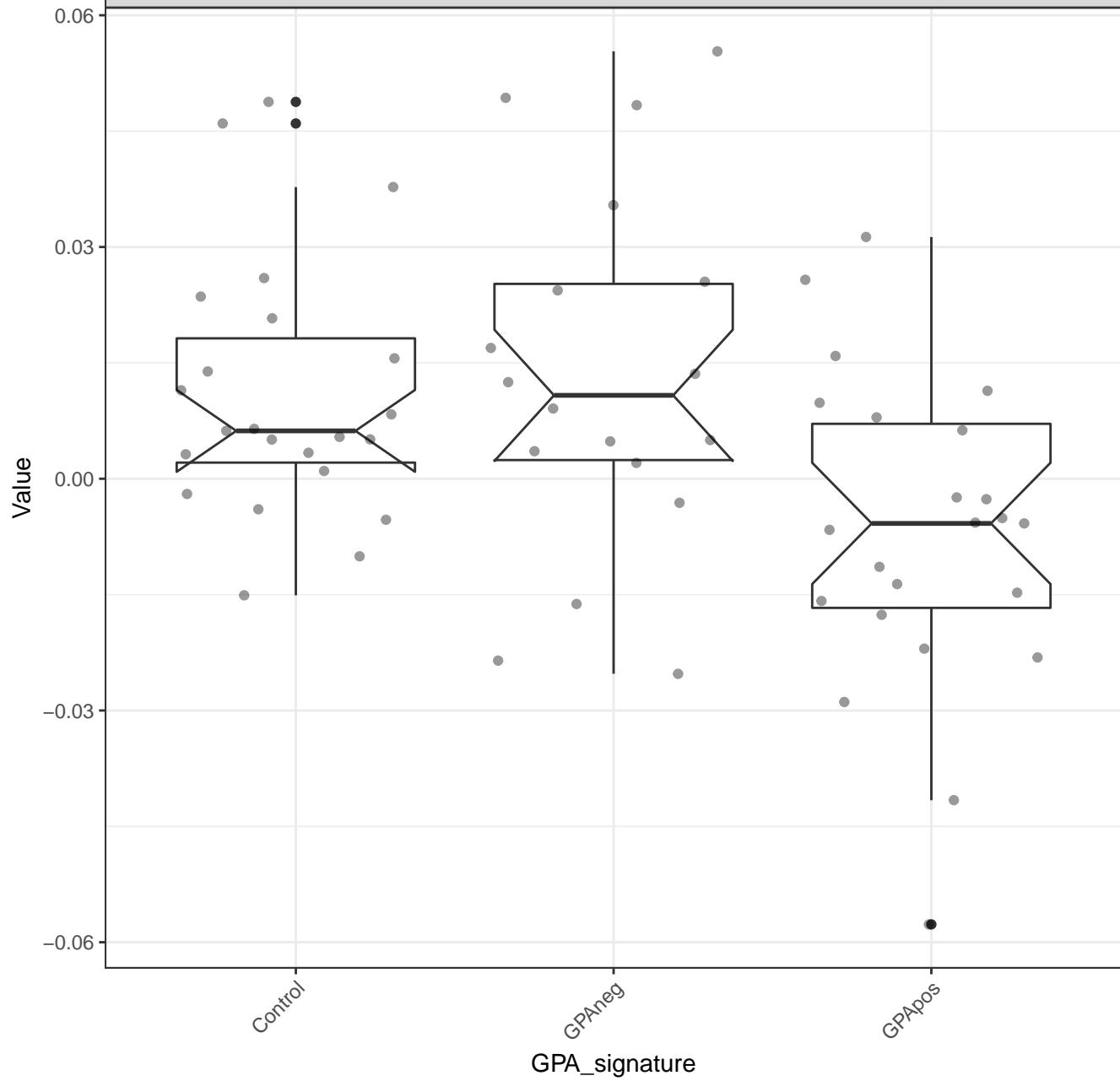
GPAneg

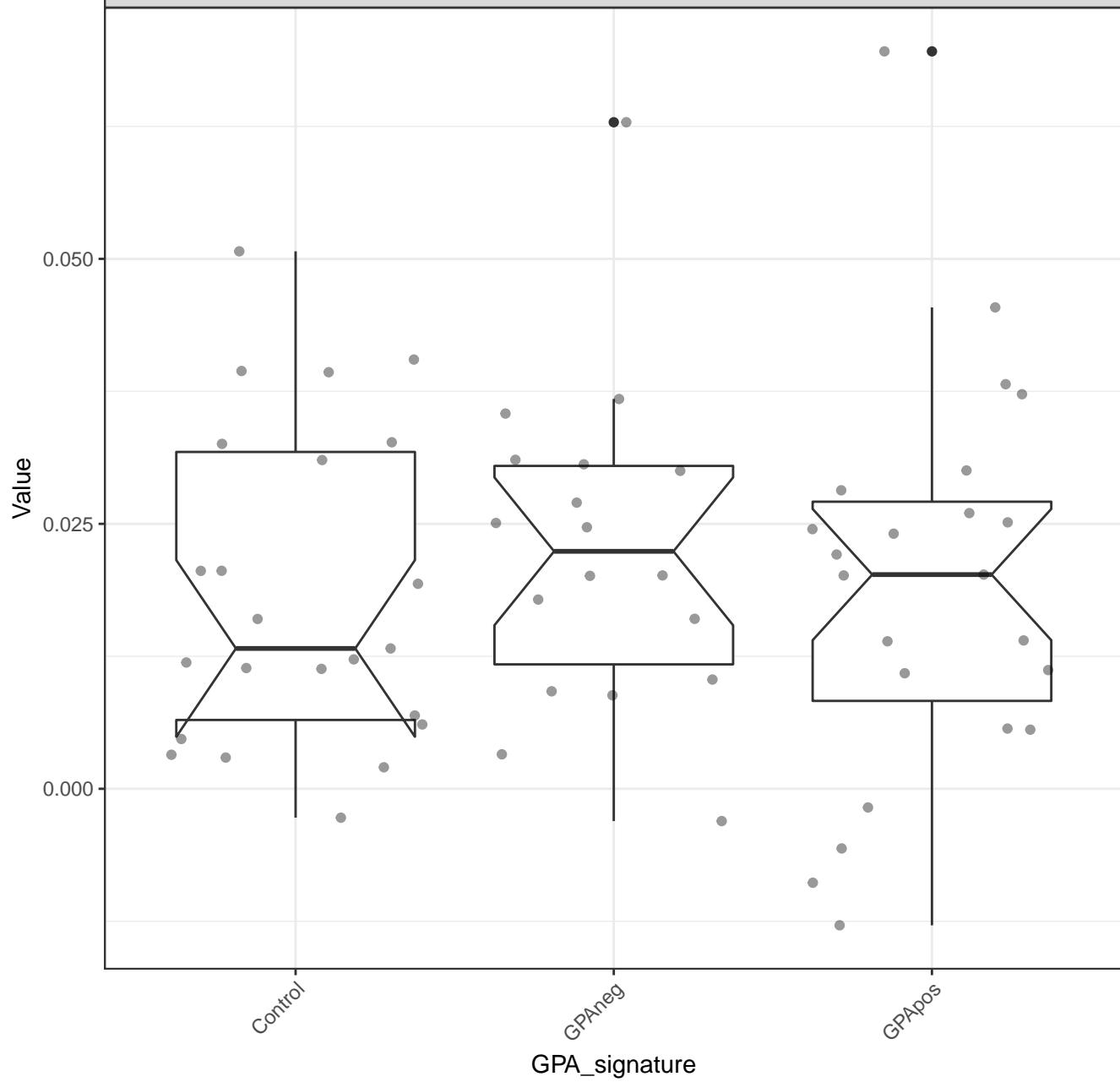
GPAPos

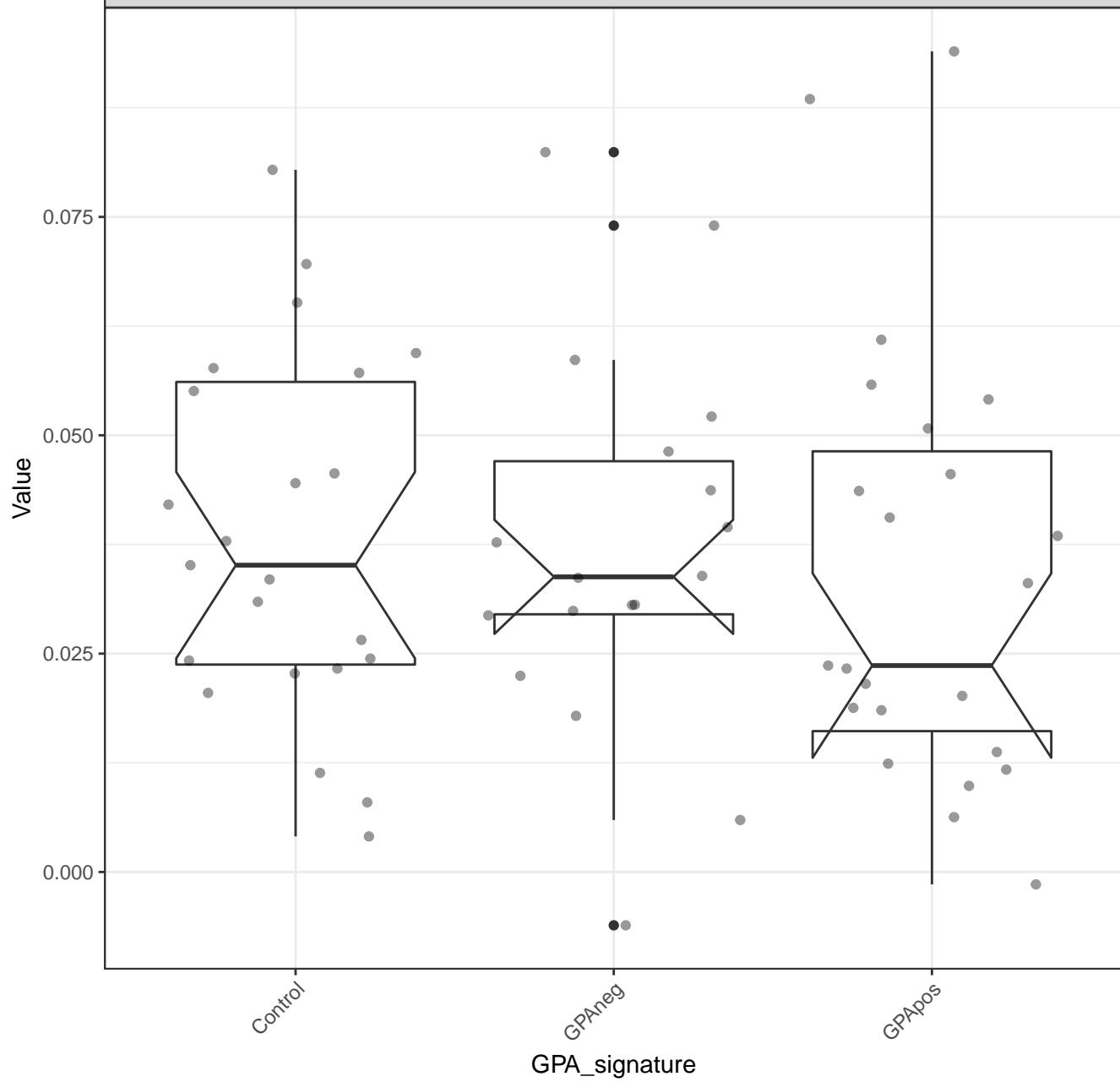
GPA_signature



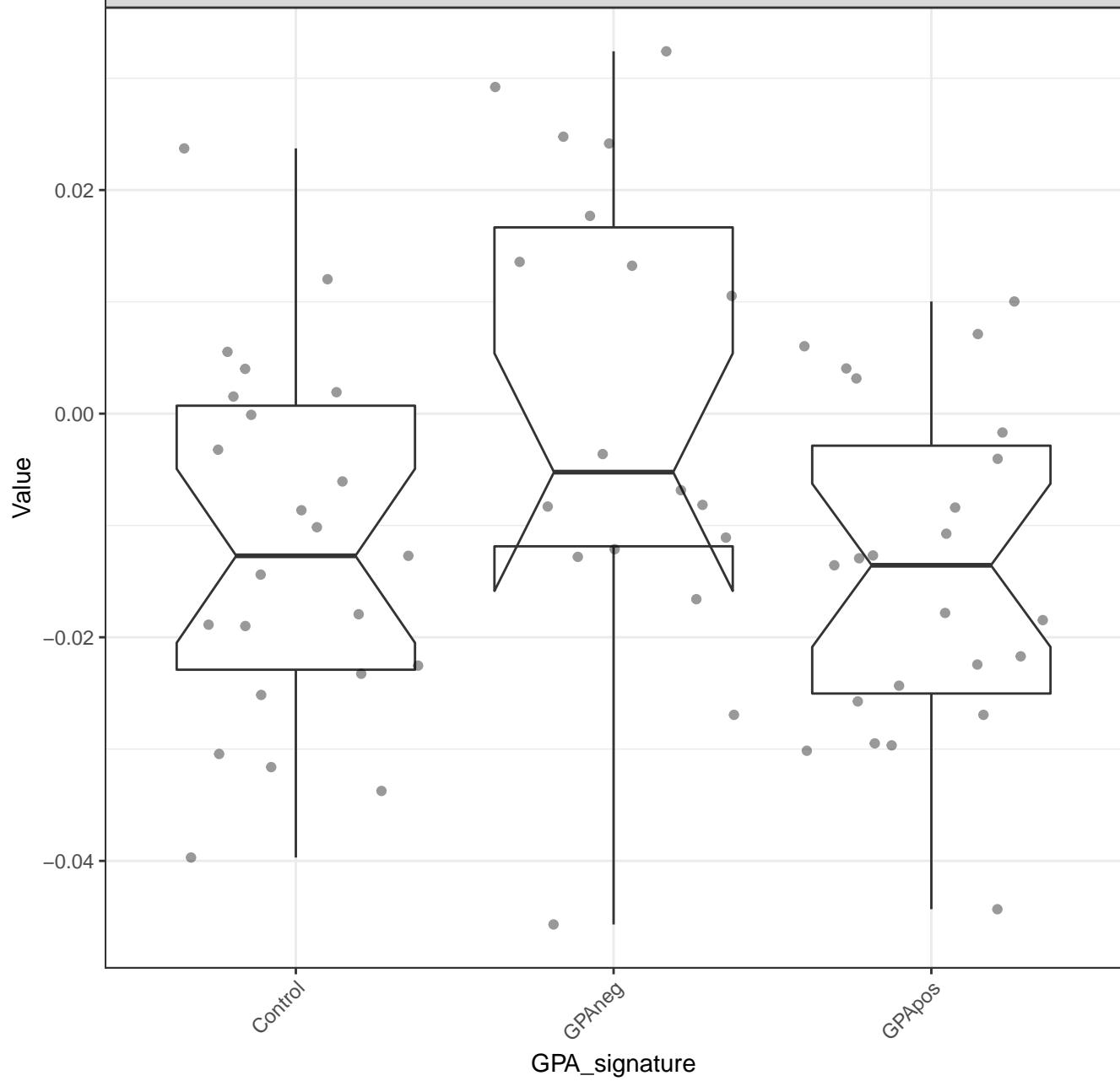
LV 323



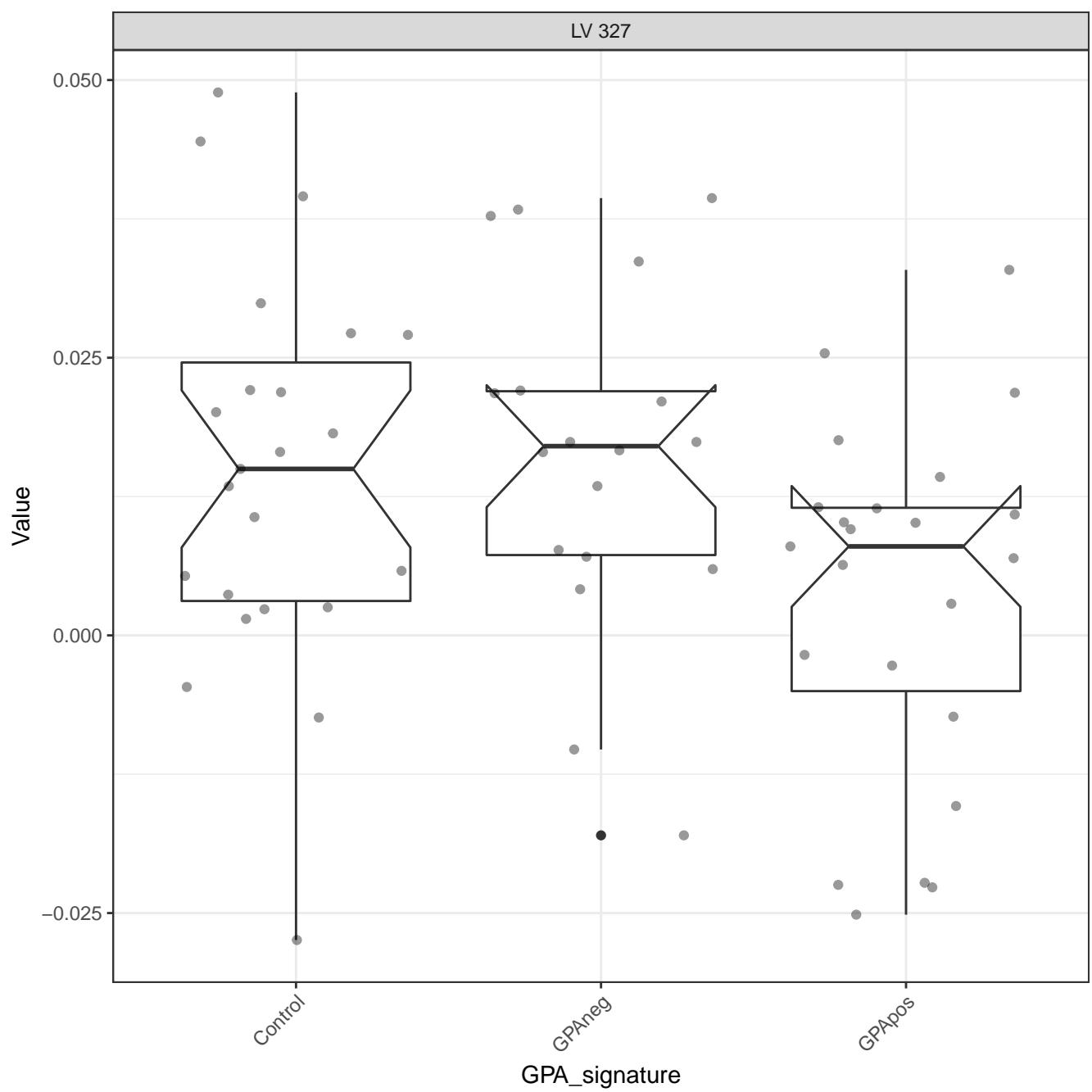




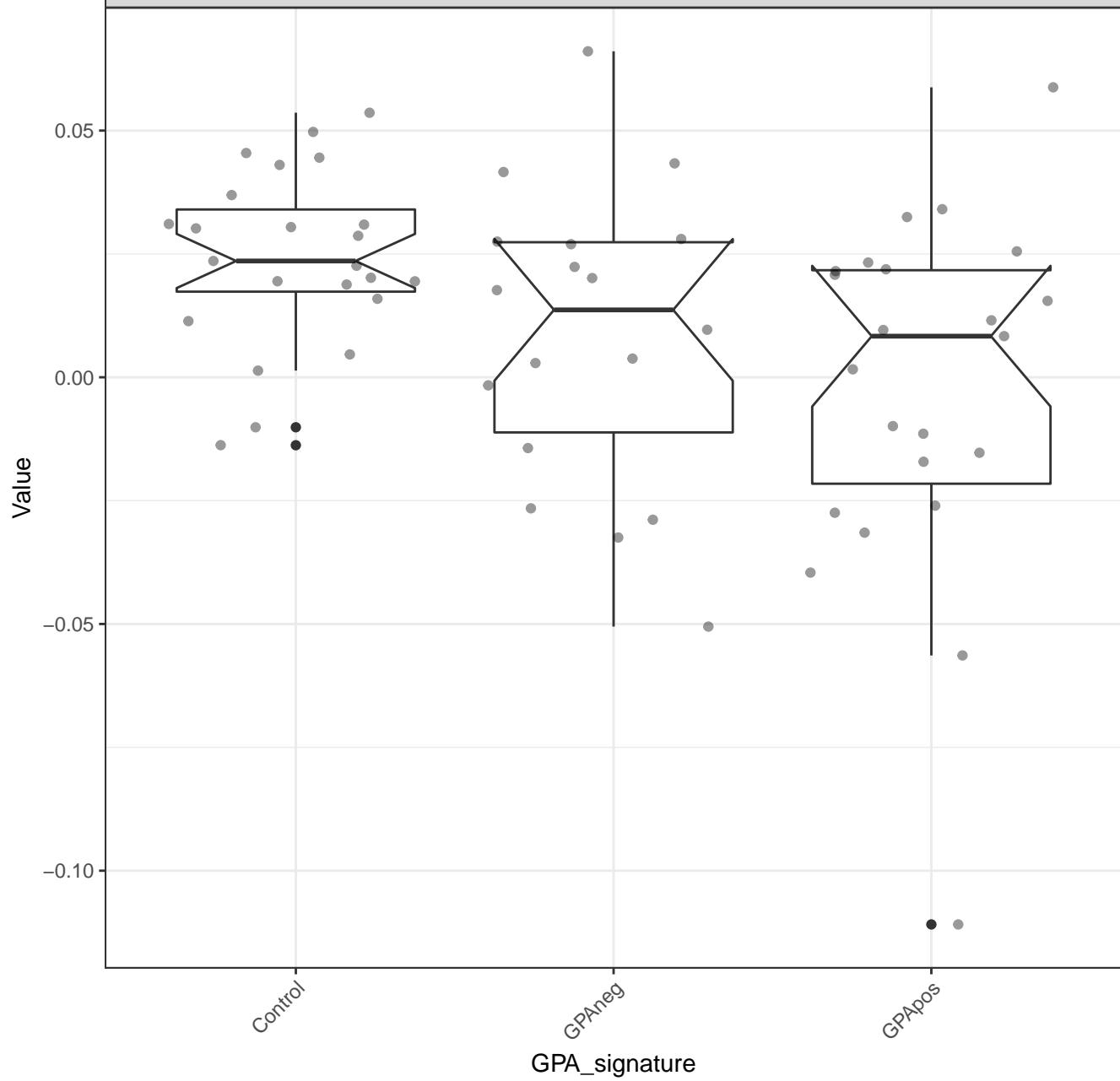
LV 326

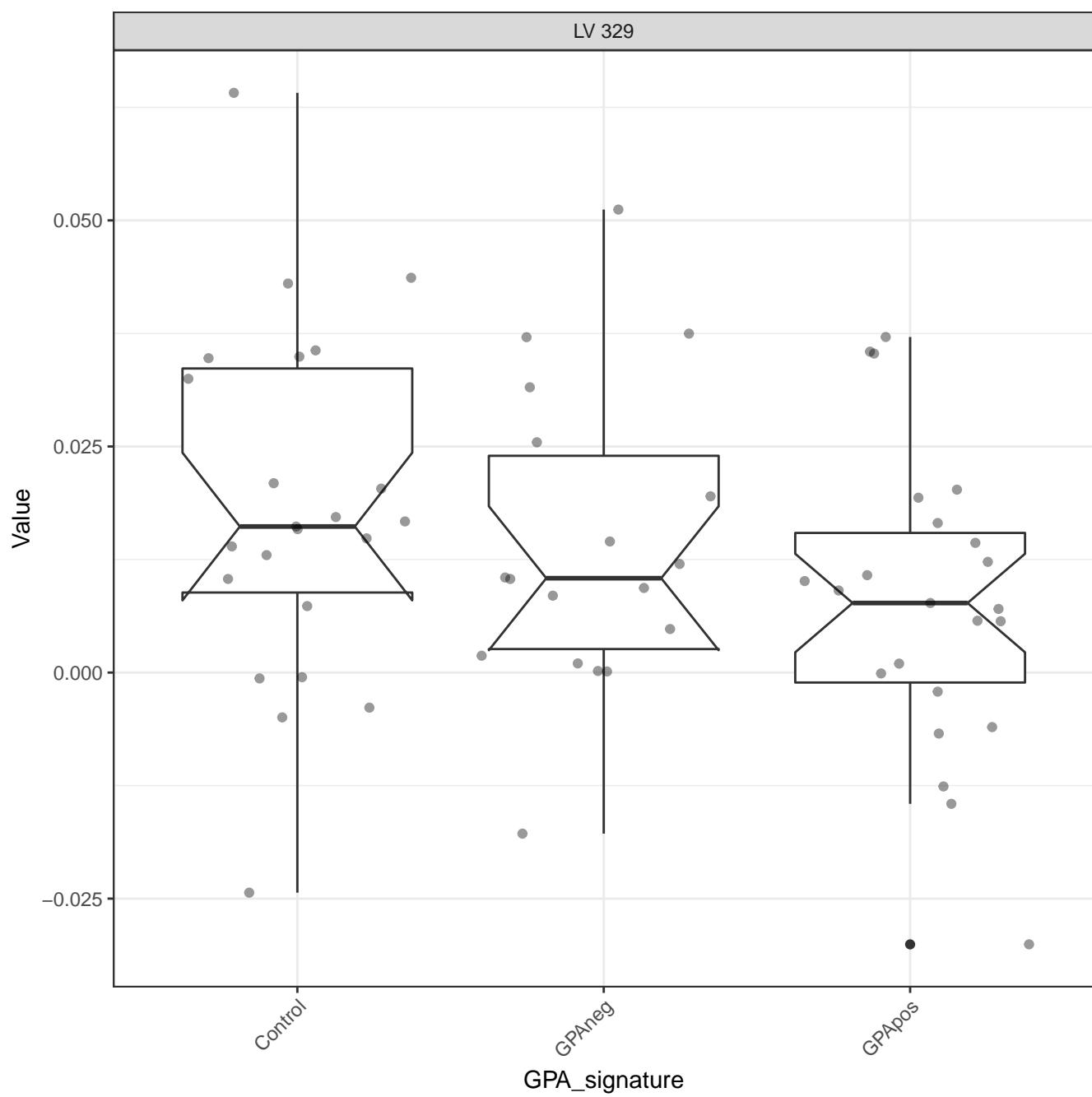


LV 327



LV 328





LV 330

Value

0.04

0.00

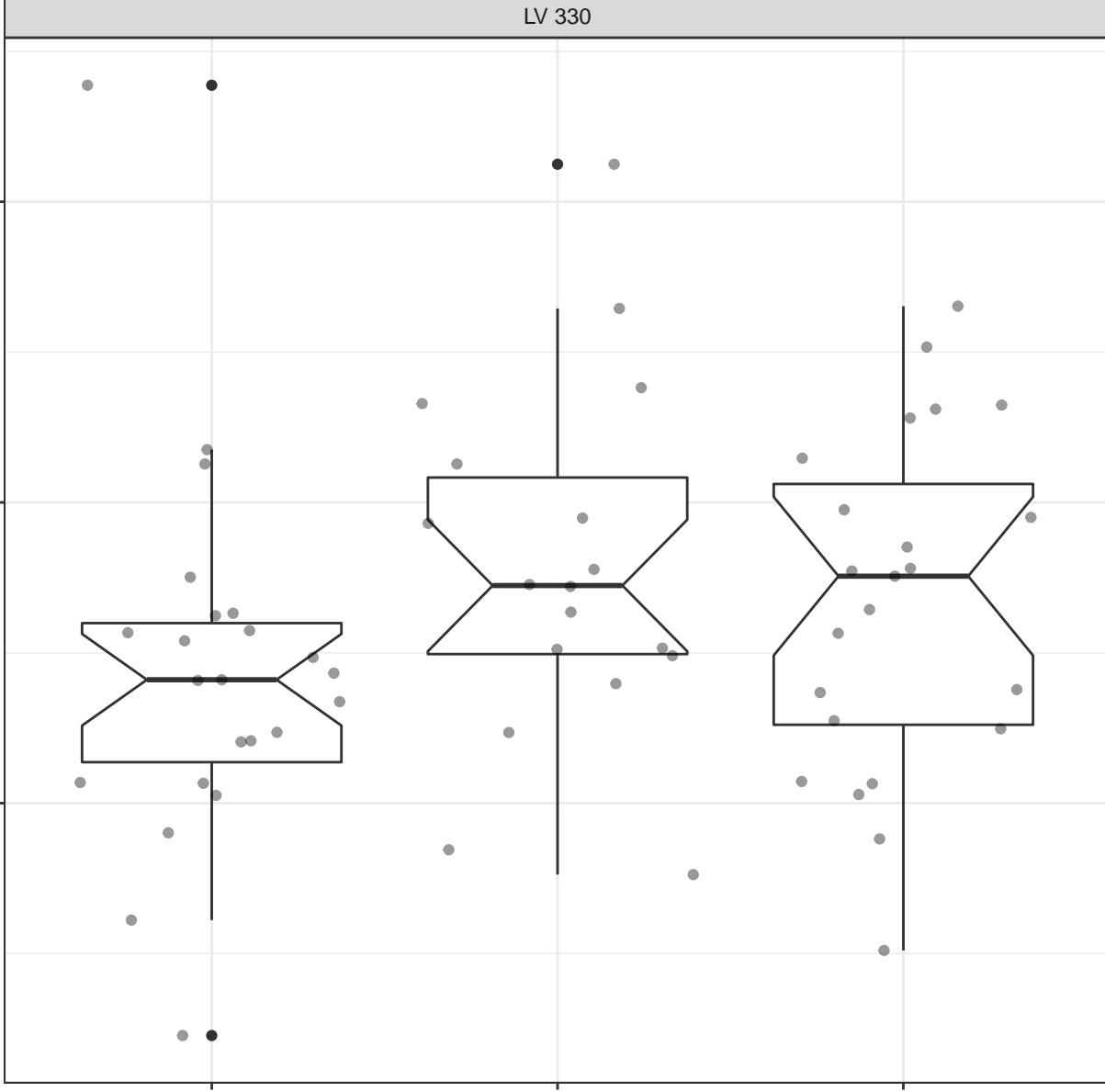
-0.04

Control

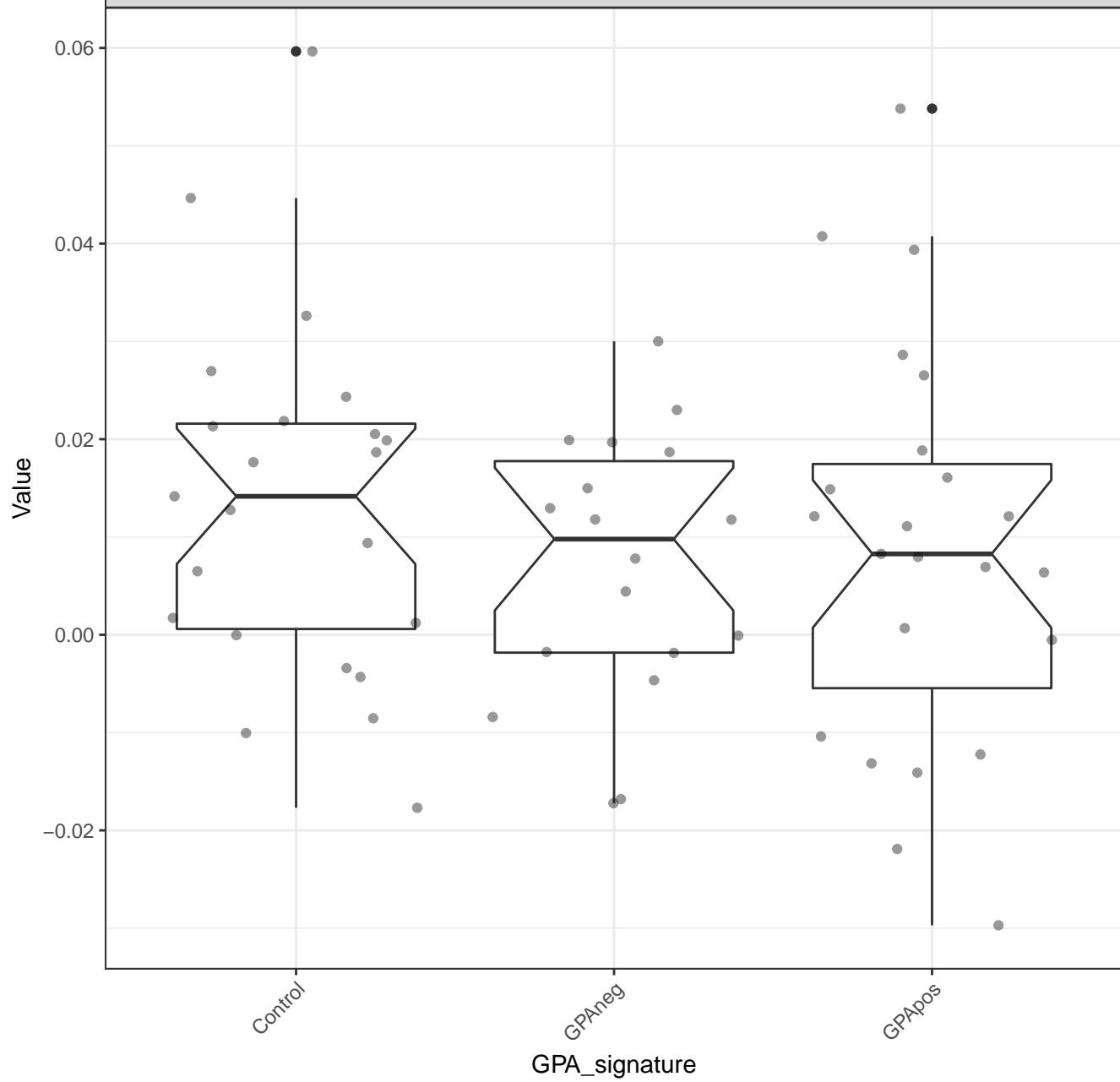
GPA_signature

GPAneg

GPApos

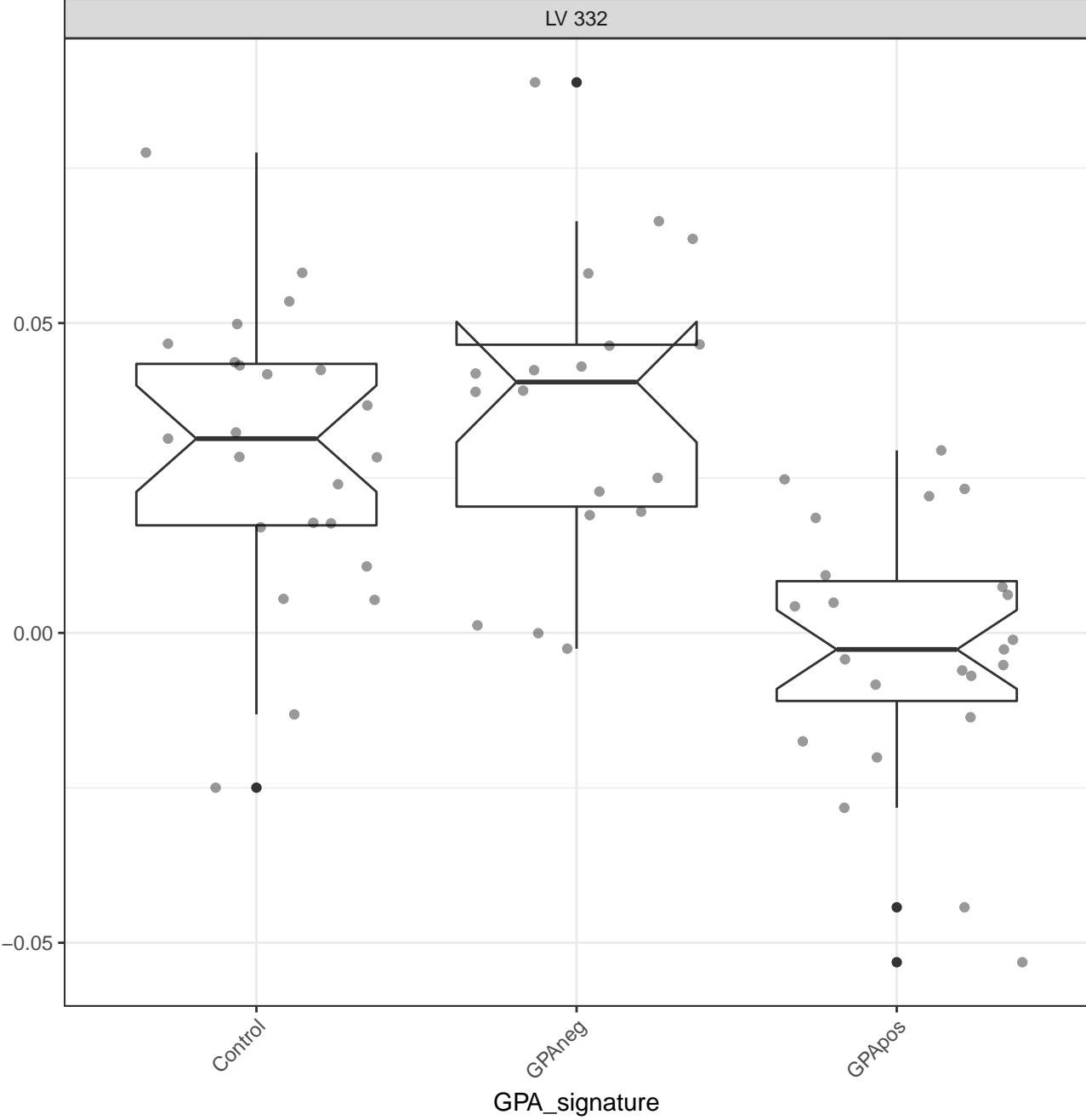


LV 331

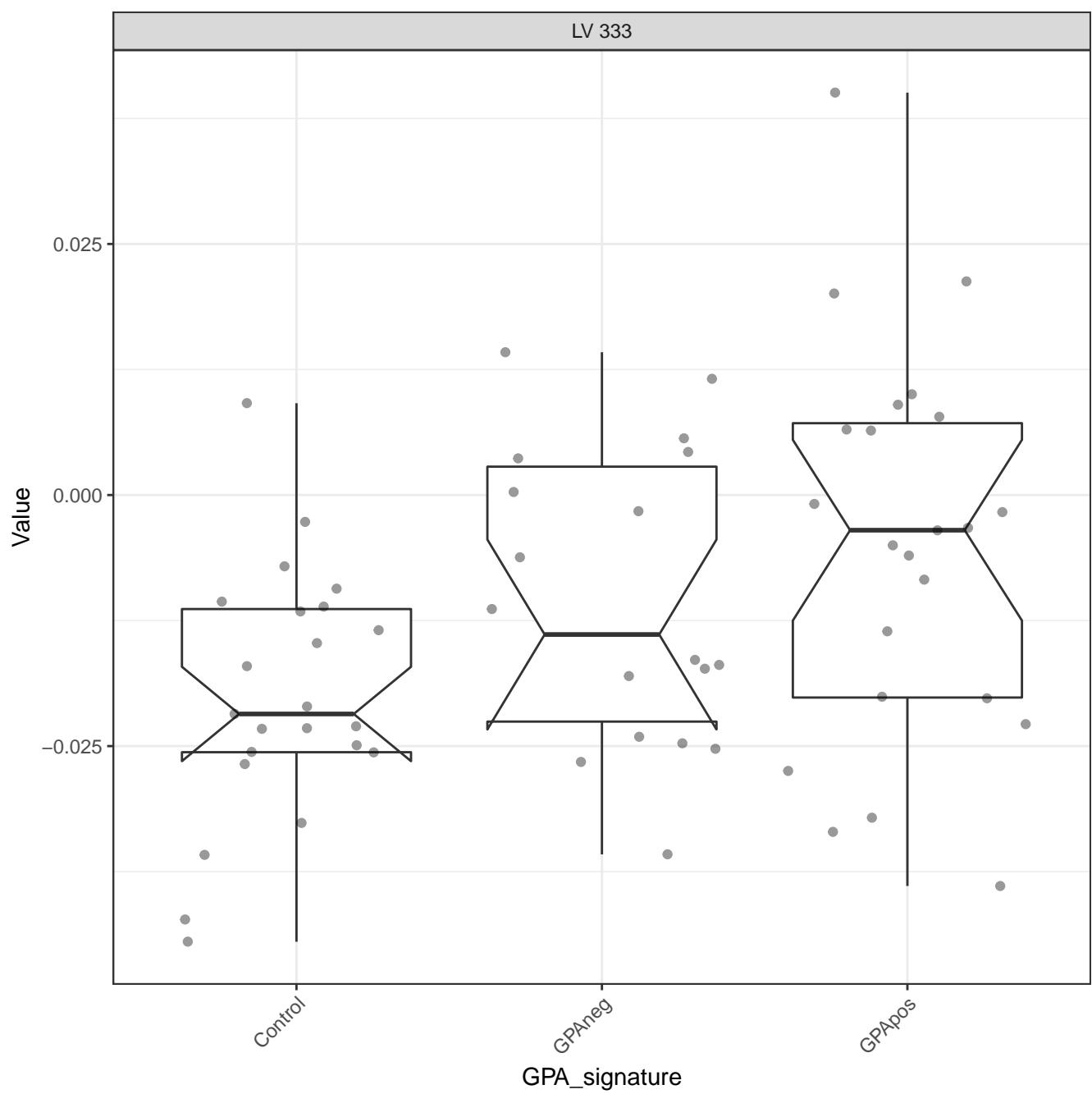


LV 332

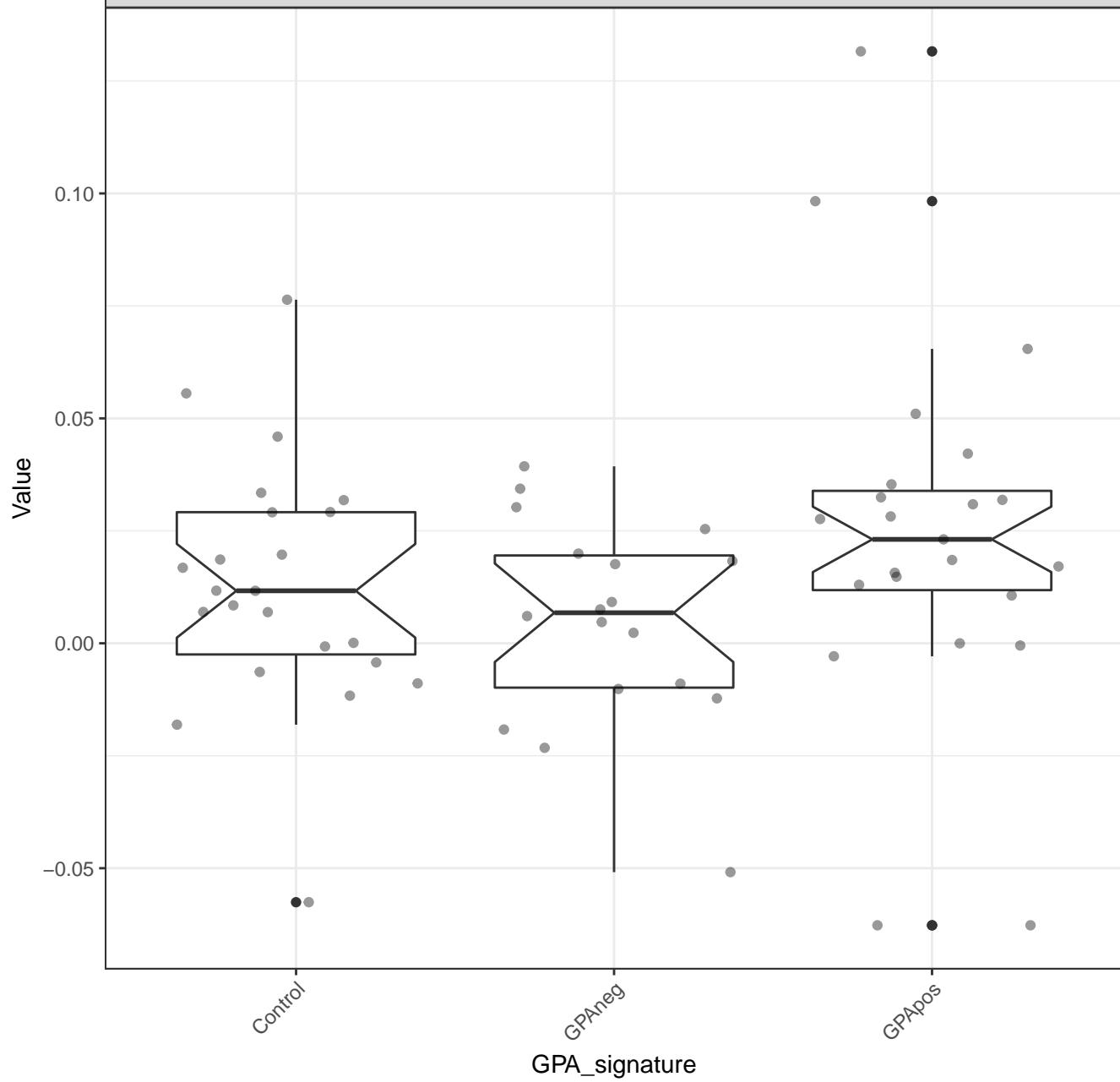
Value



LV 333



LV 334



Value

0.10

0.05

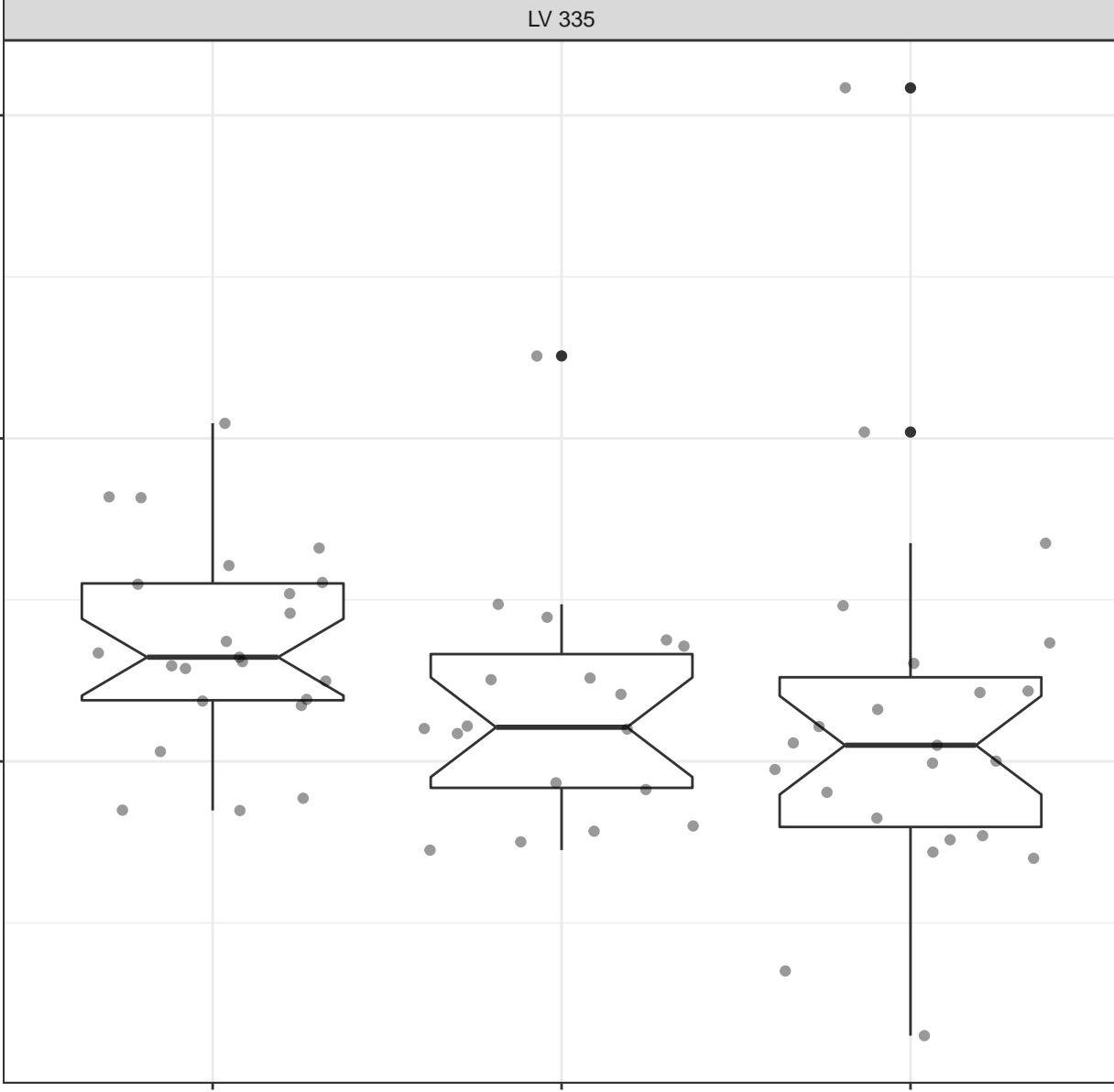
0.00

Control

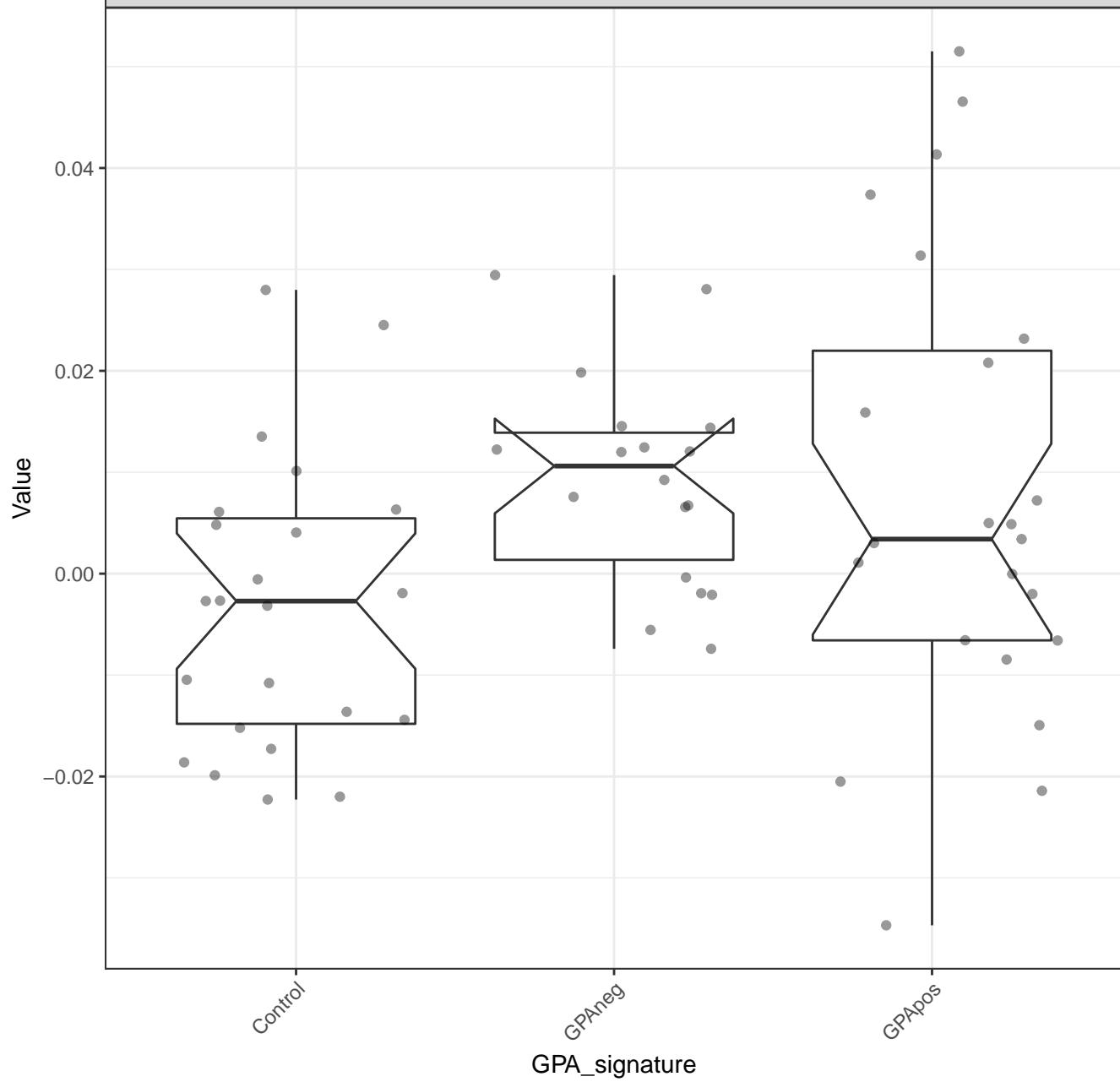
GPA_signature

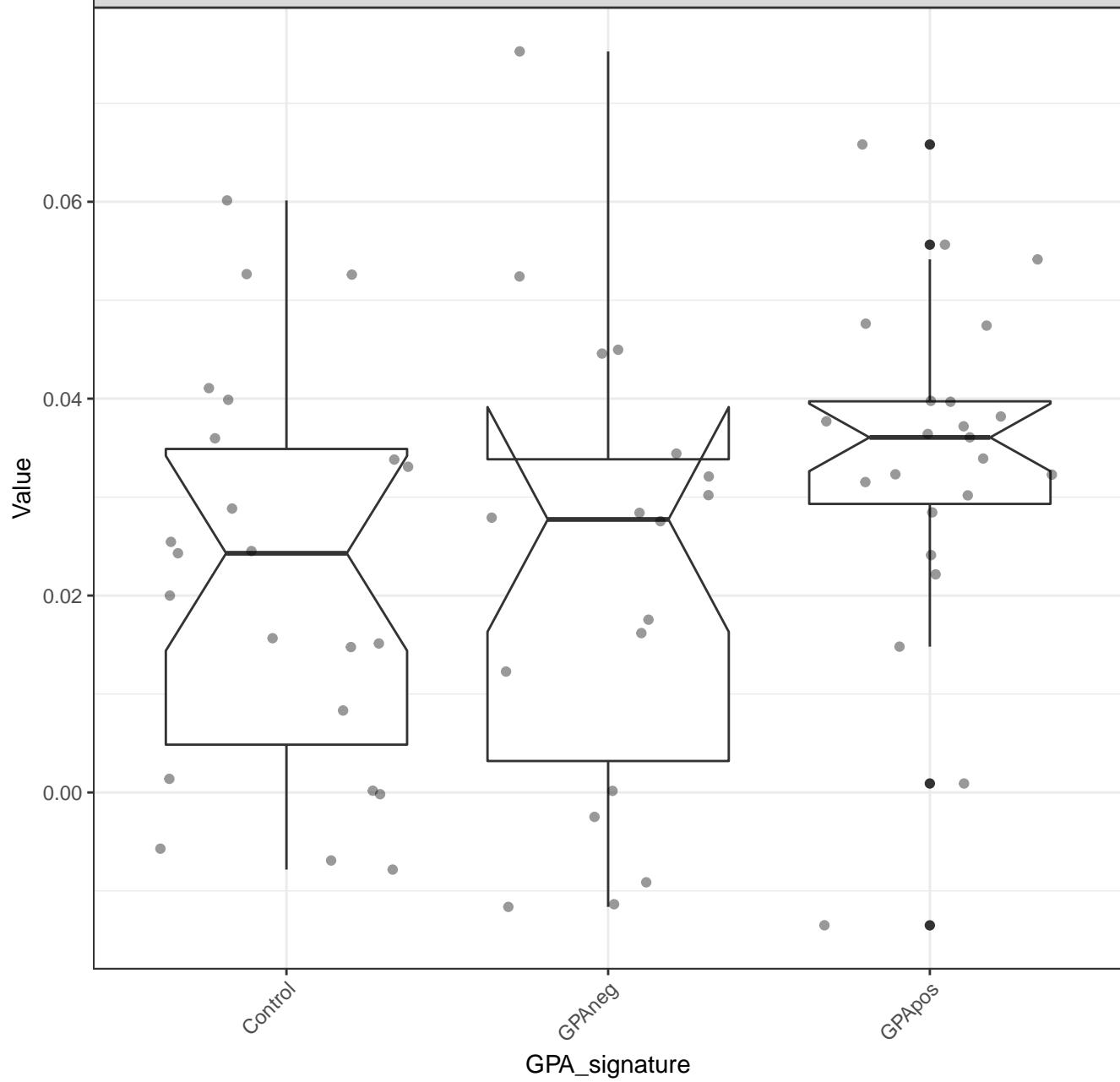
GPAneg

GPApos



LV 336





LV 338

Value

0.10

0.05

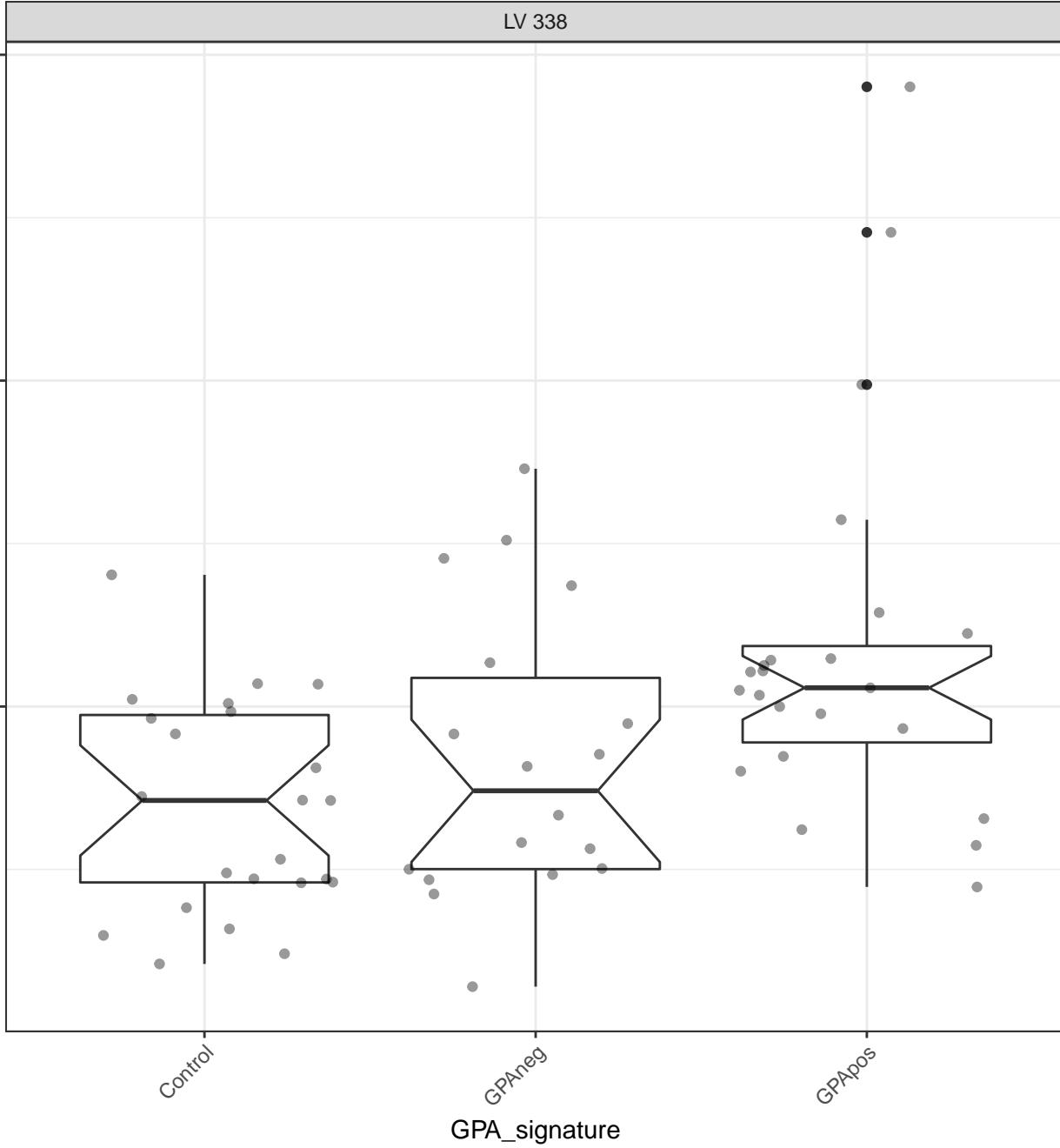
0.00

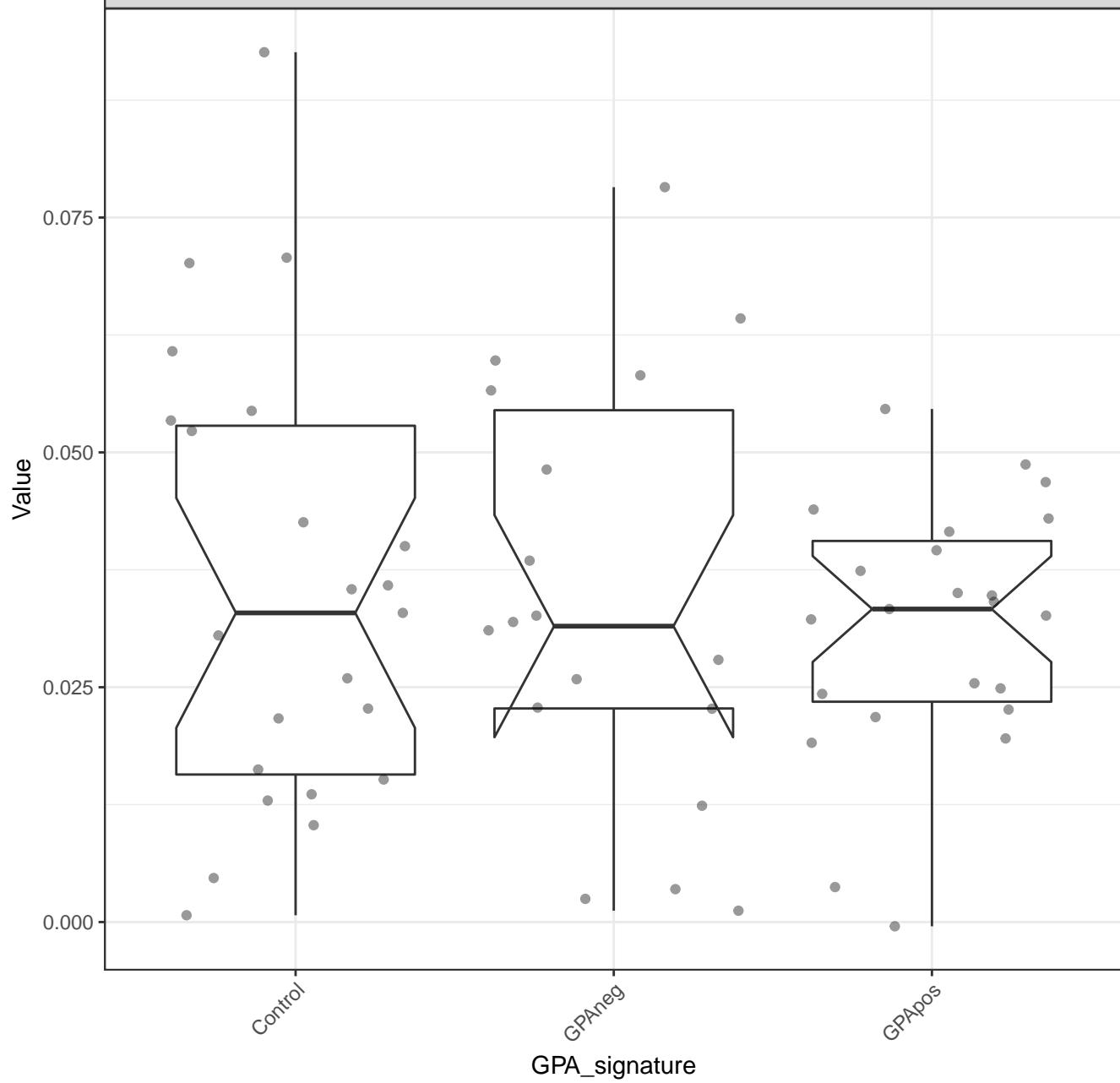
Control

GPA_signature

GPAneg

GPApos





LV 340

Value

0.00

-0.02

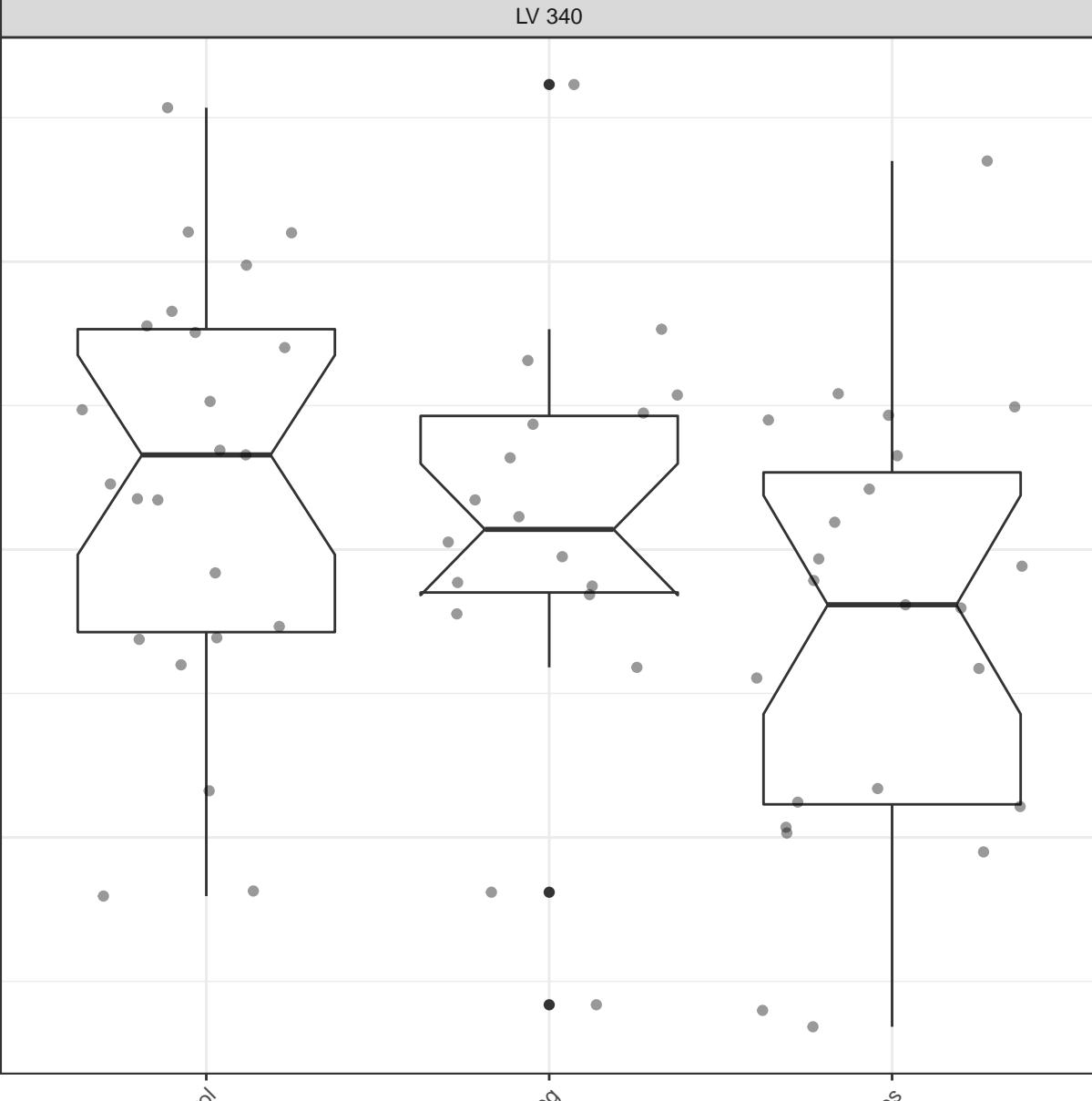
-0.04

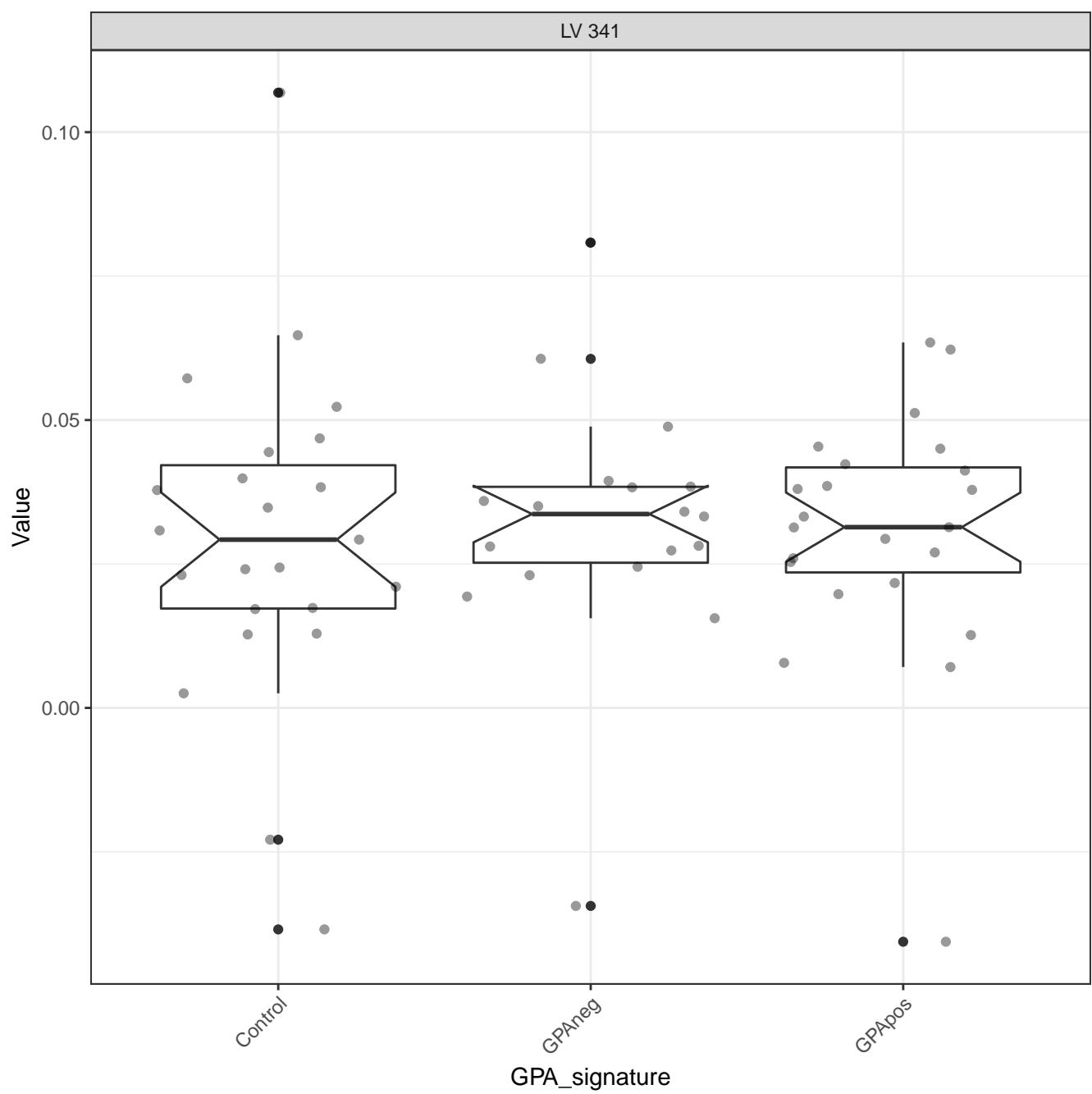
Control

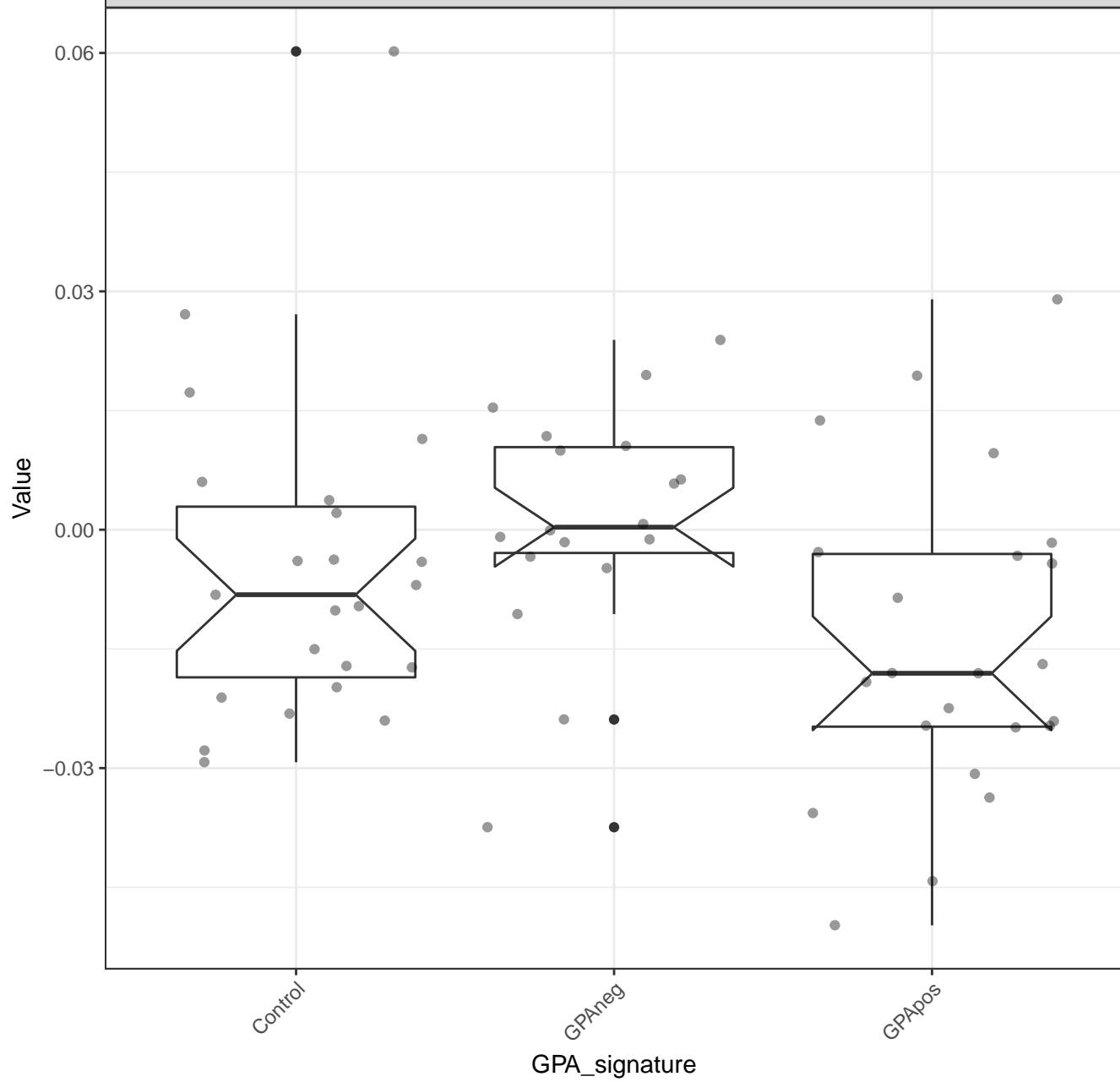
GPA_signature

GPAneg

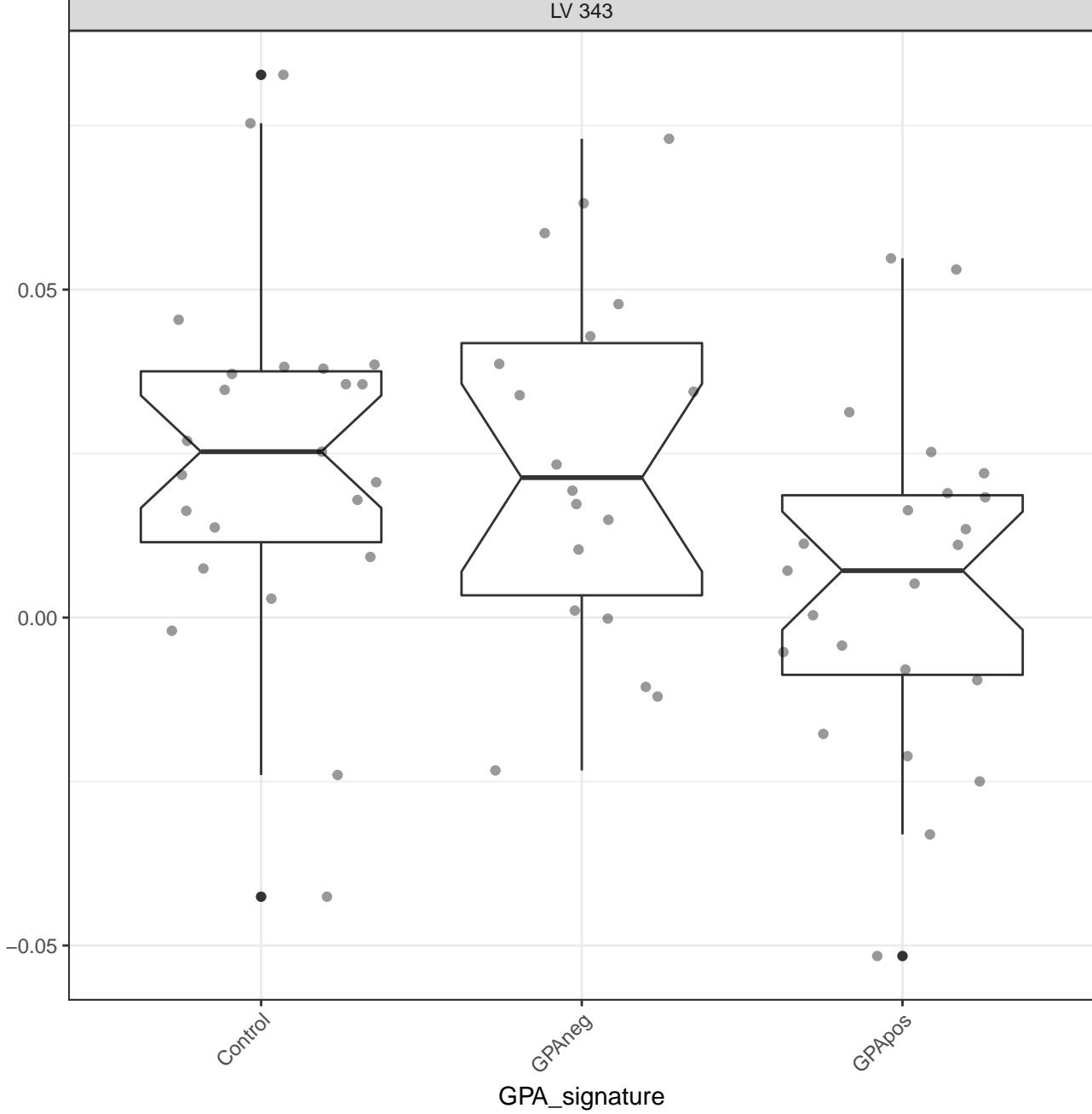
GPApos



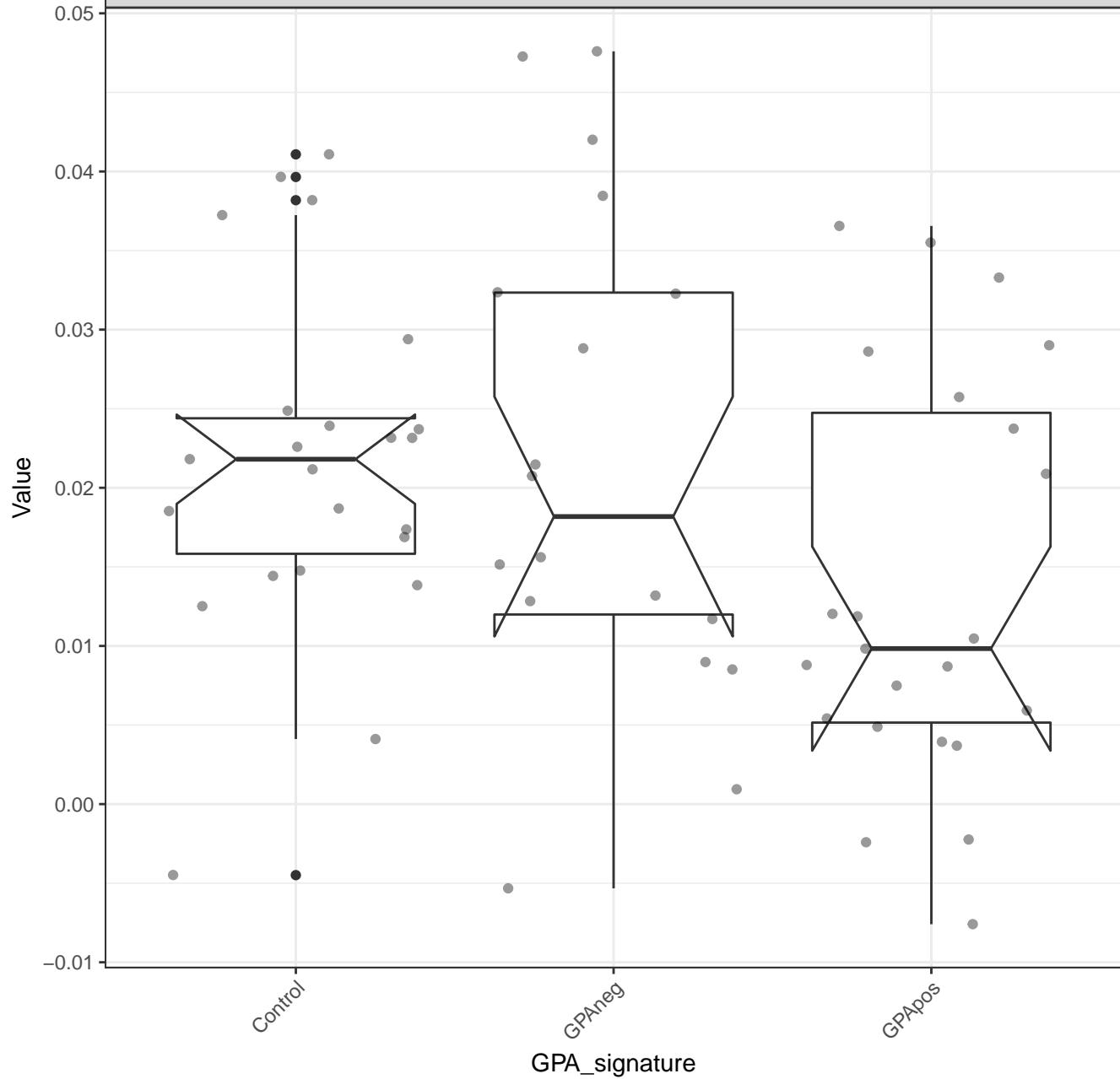




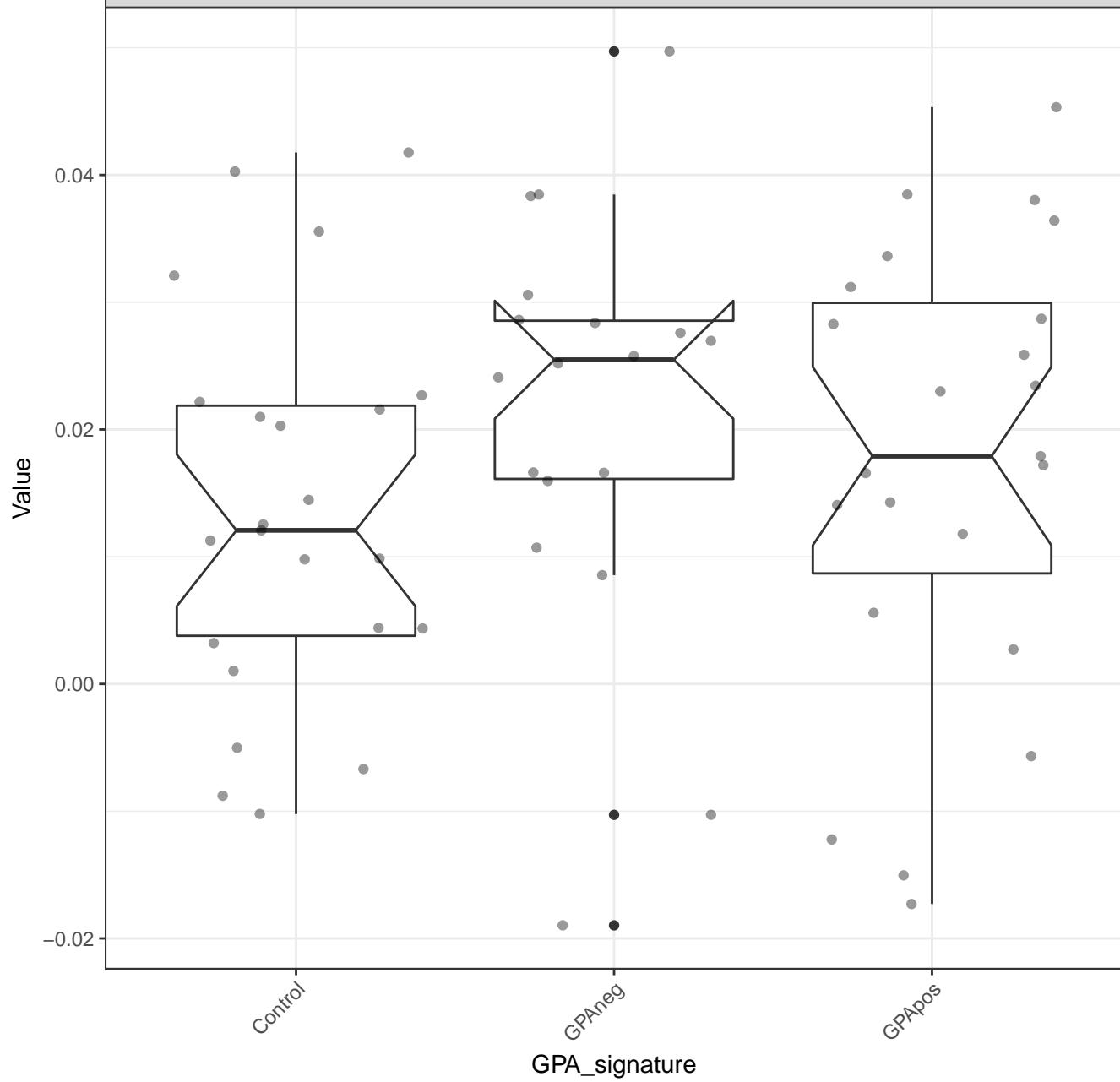
Value



LV 344



LV 345



LV 346

Value

0.00

-0.04

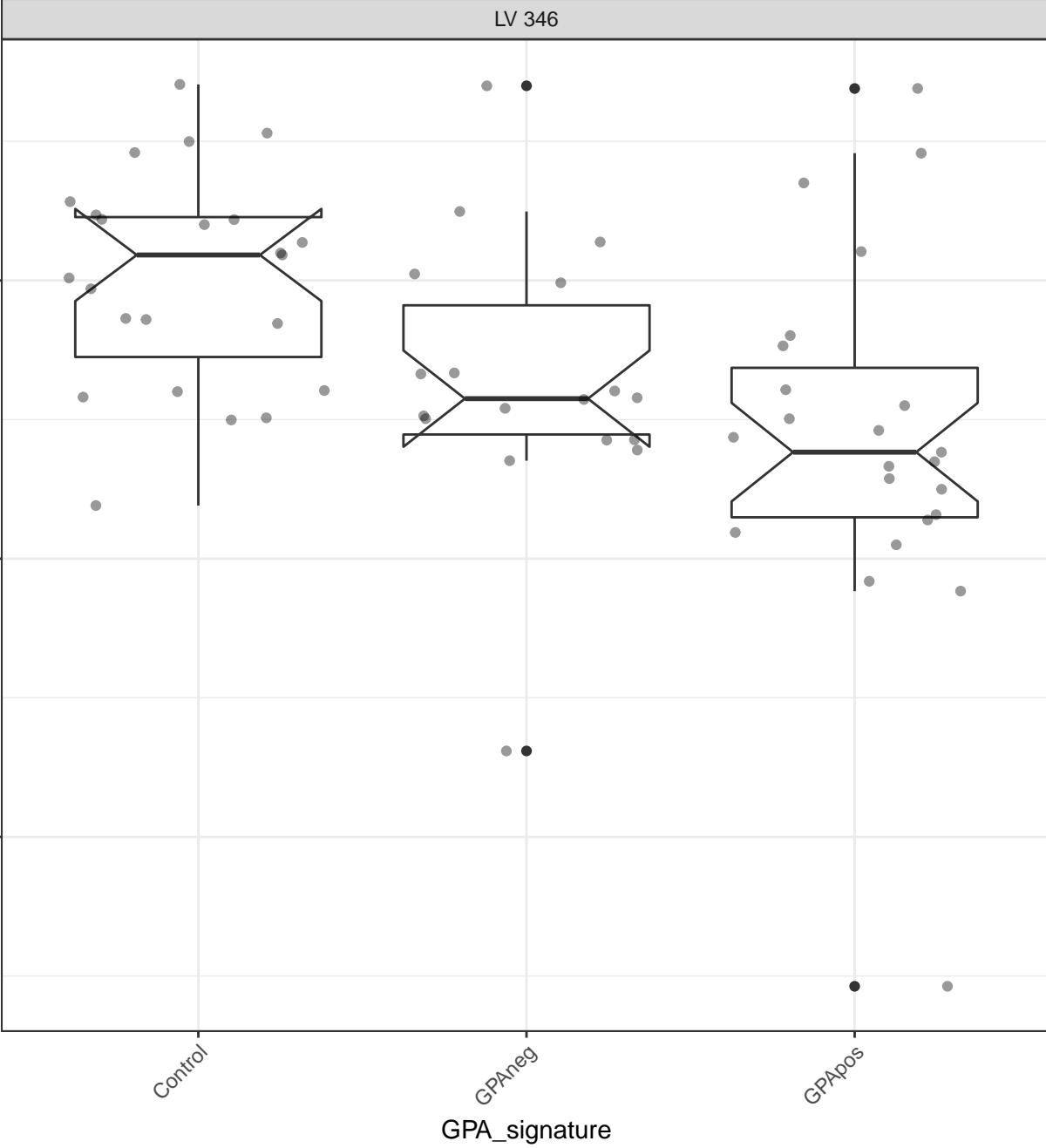
-0.08

Control

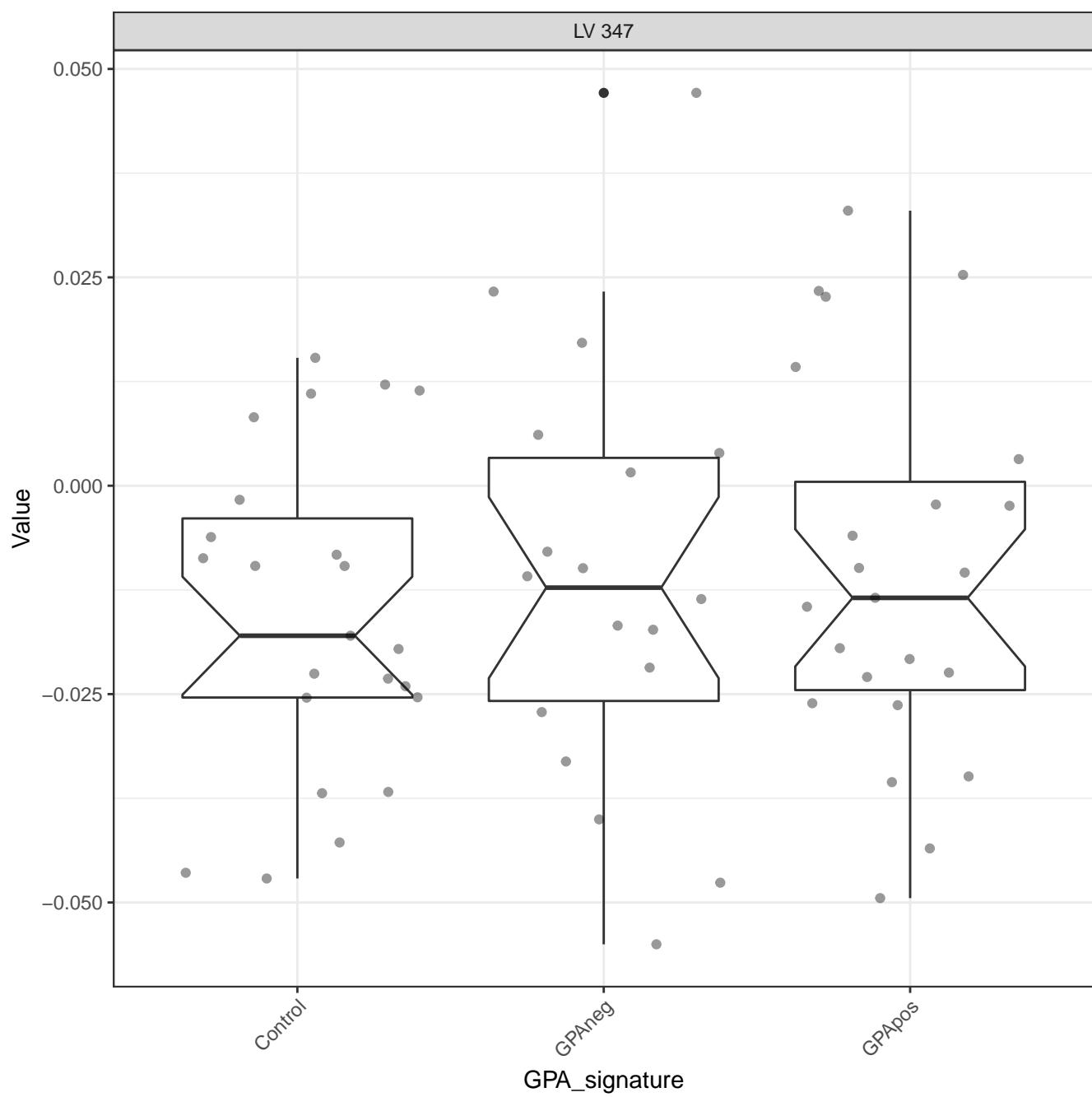
GPAneg

GPAPos

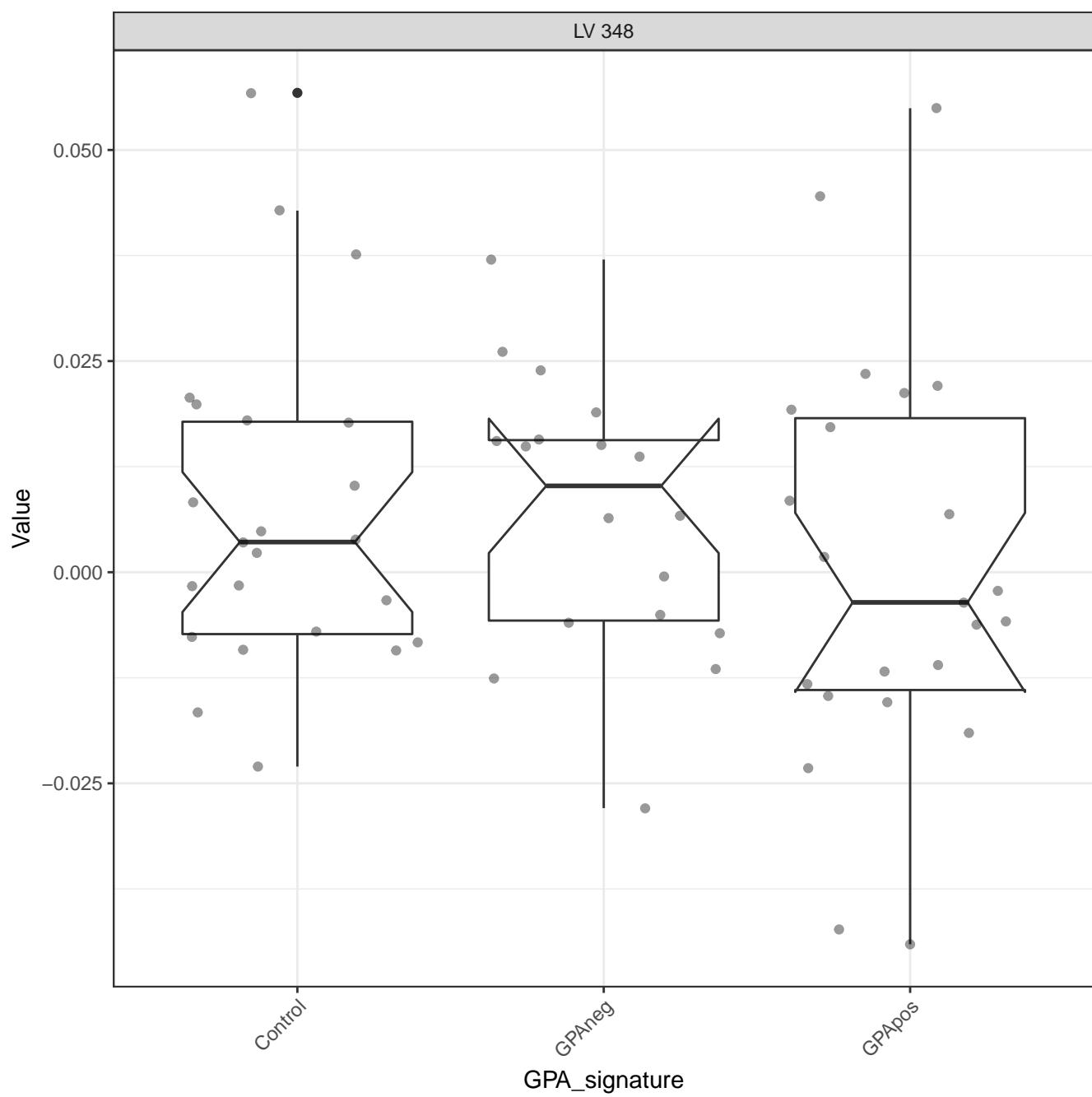
GPA_signature



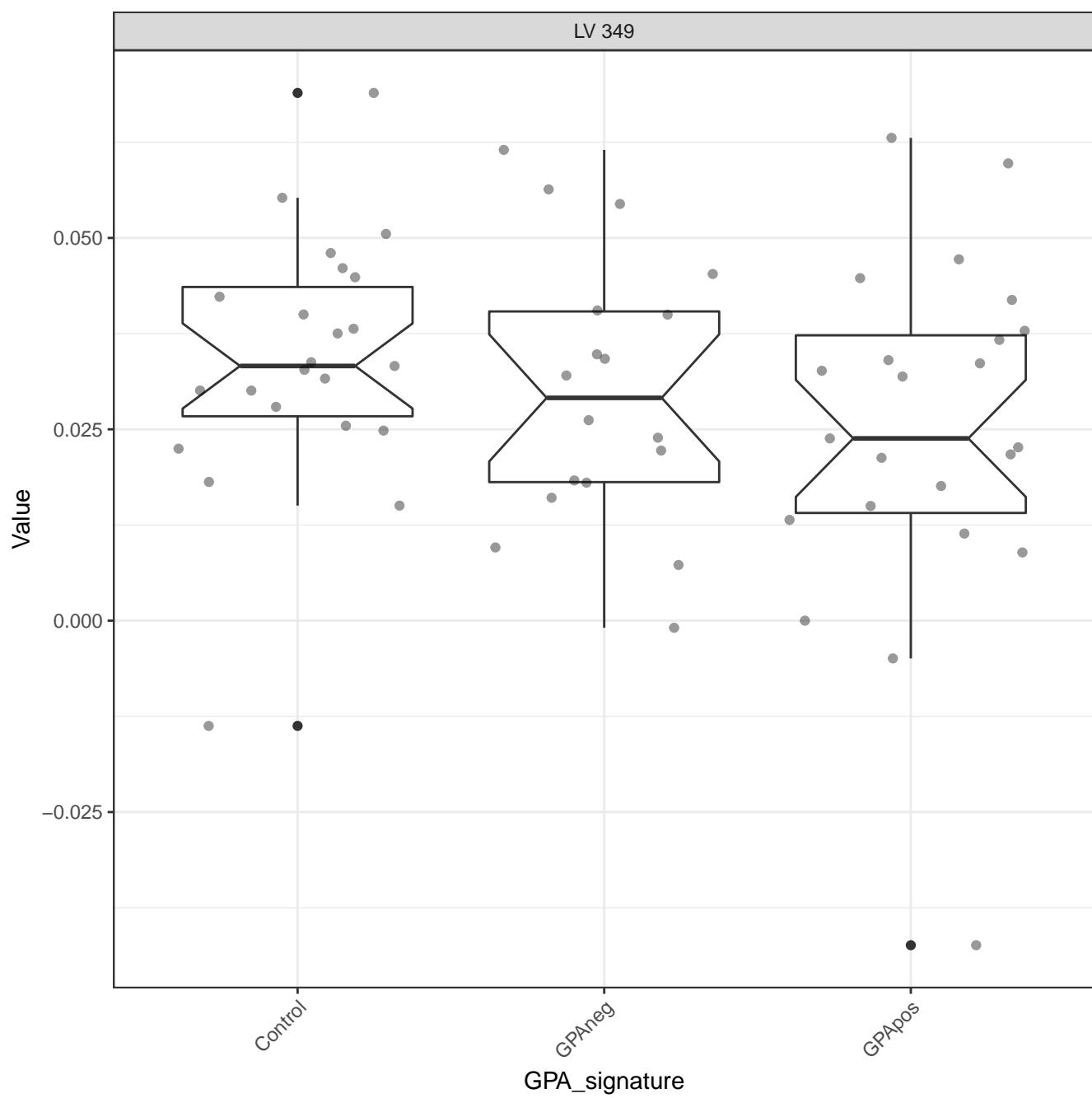
LV 347



LV 348



LV 349



LV 350

Value

0.05

0.00

-0.05

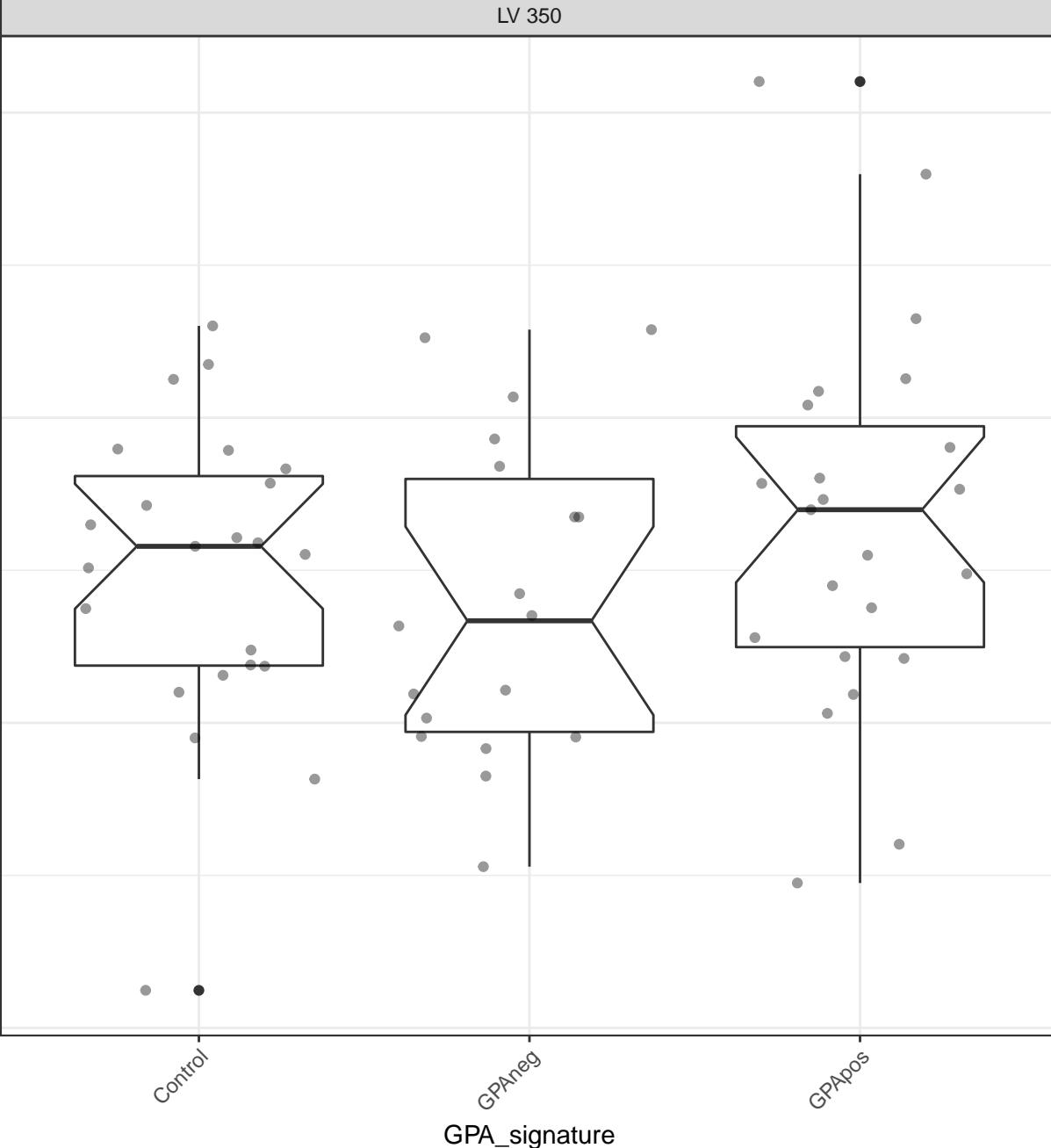
-0.10

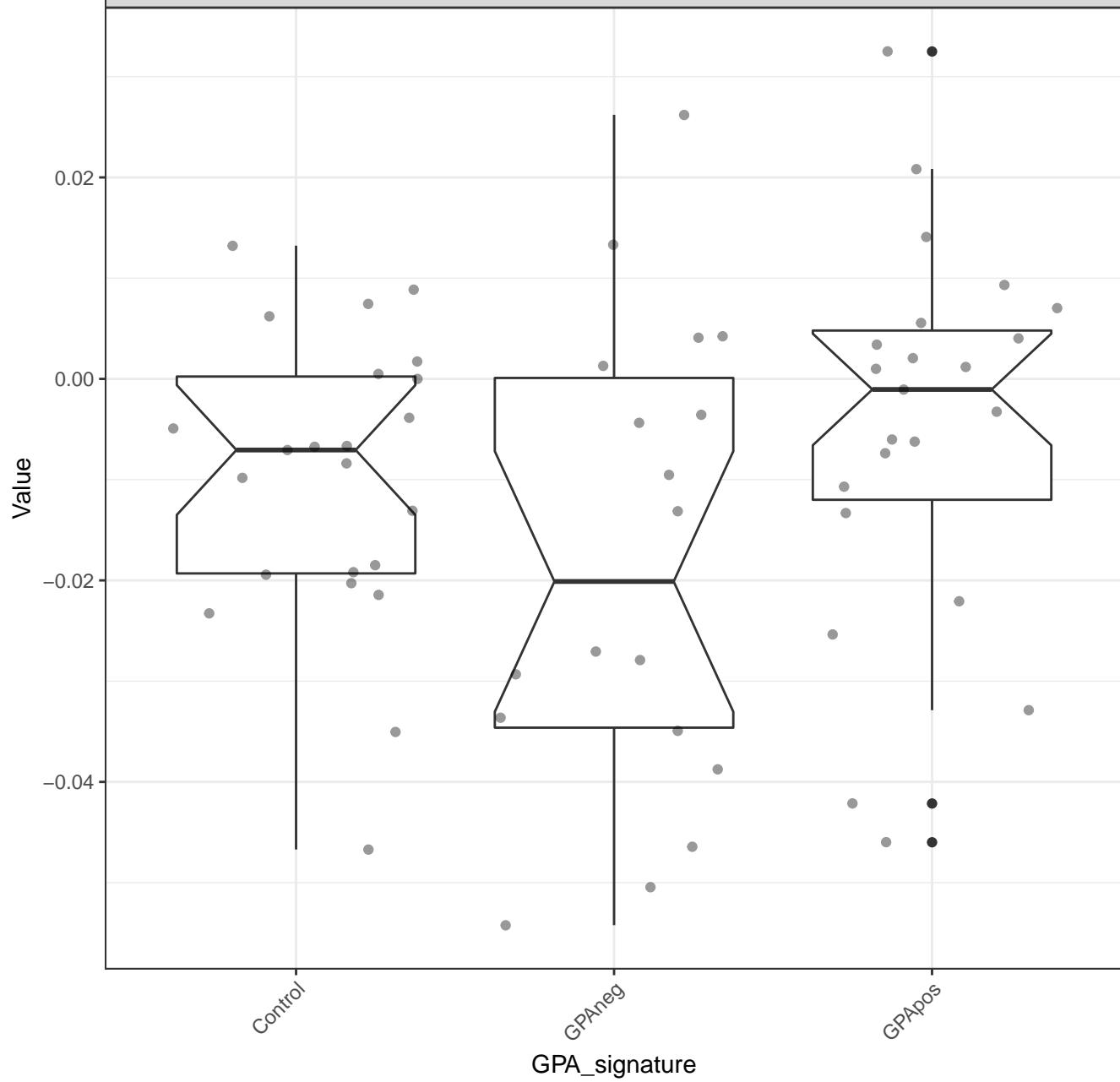
Control

GPAneg

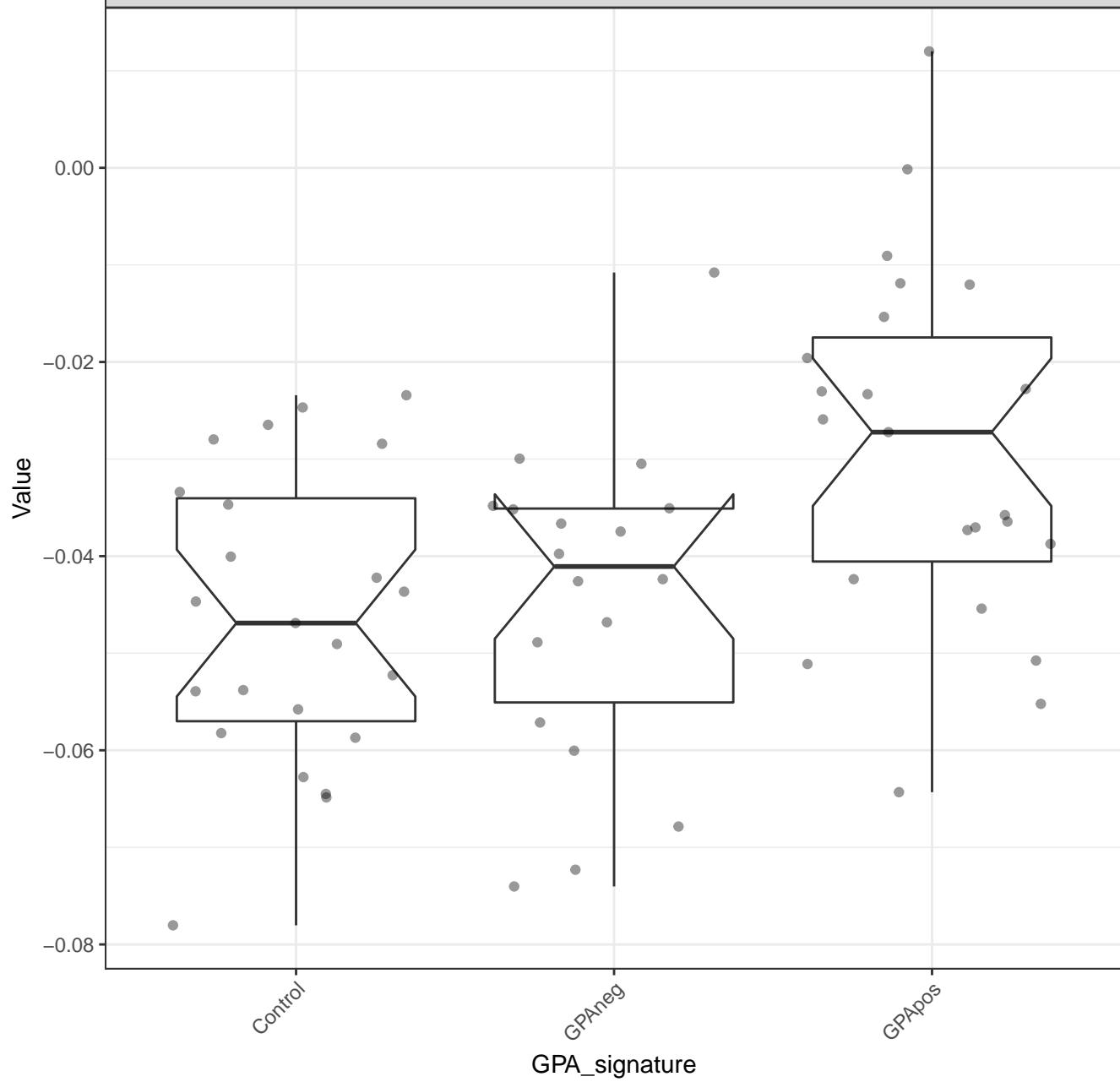
GPApos

GPA_signature

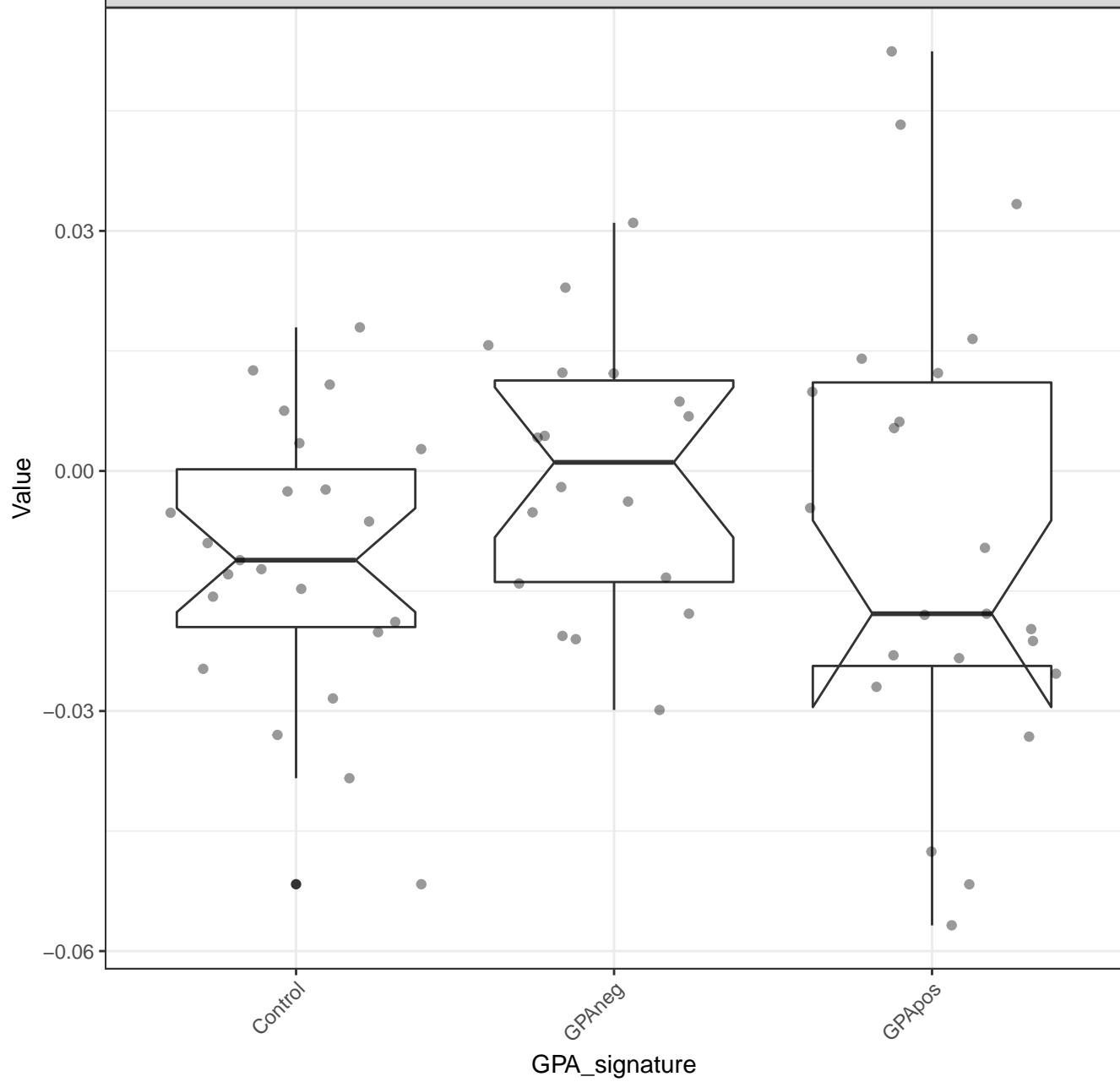




LV 352



LV 353



LV 354

Value

0.06

0.03

0.00

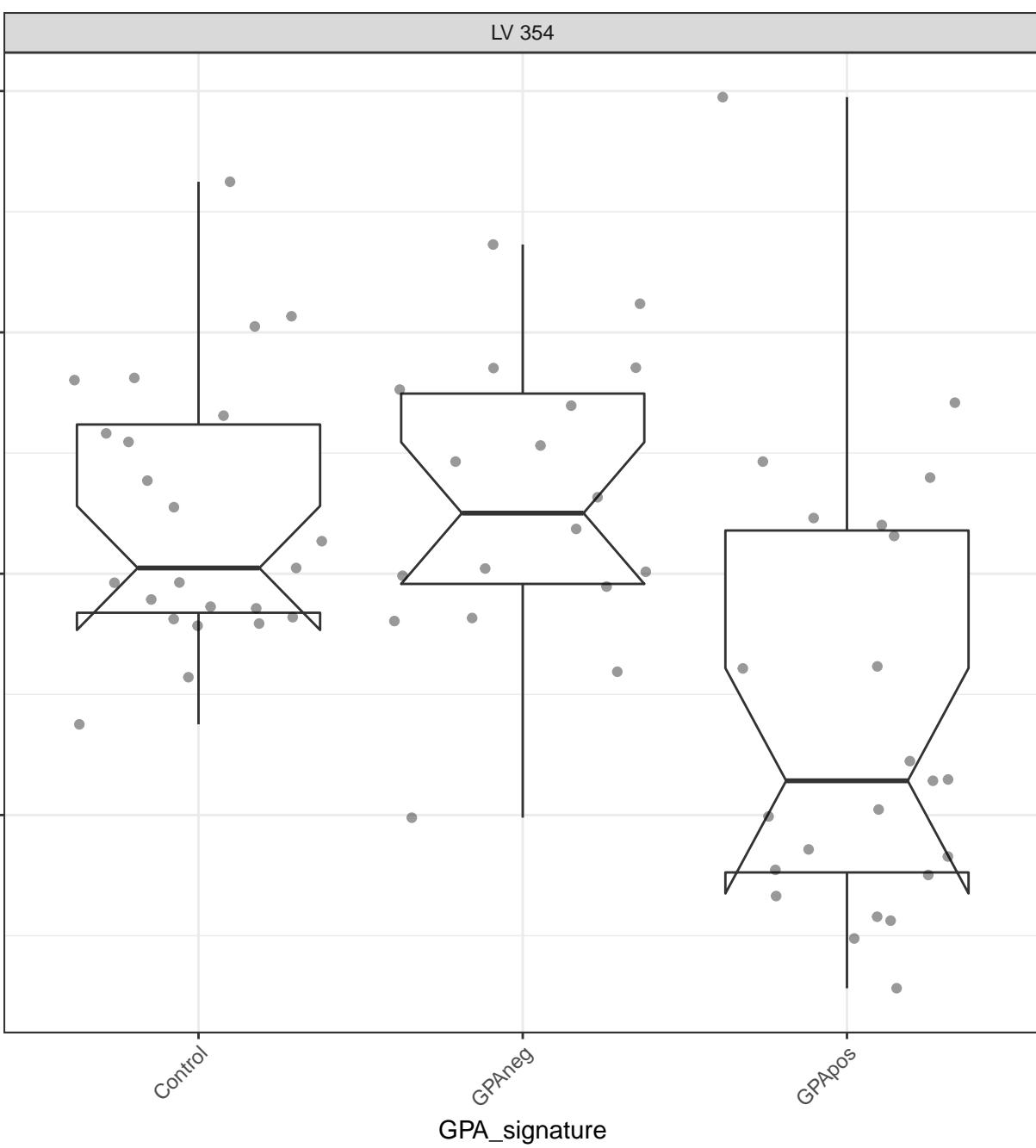
-0.03

Control

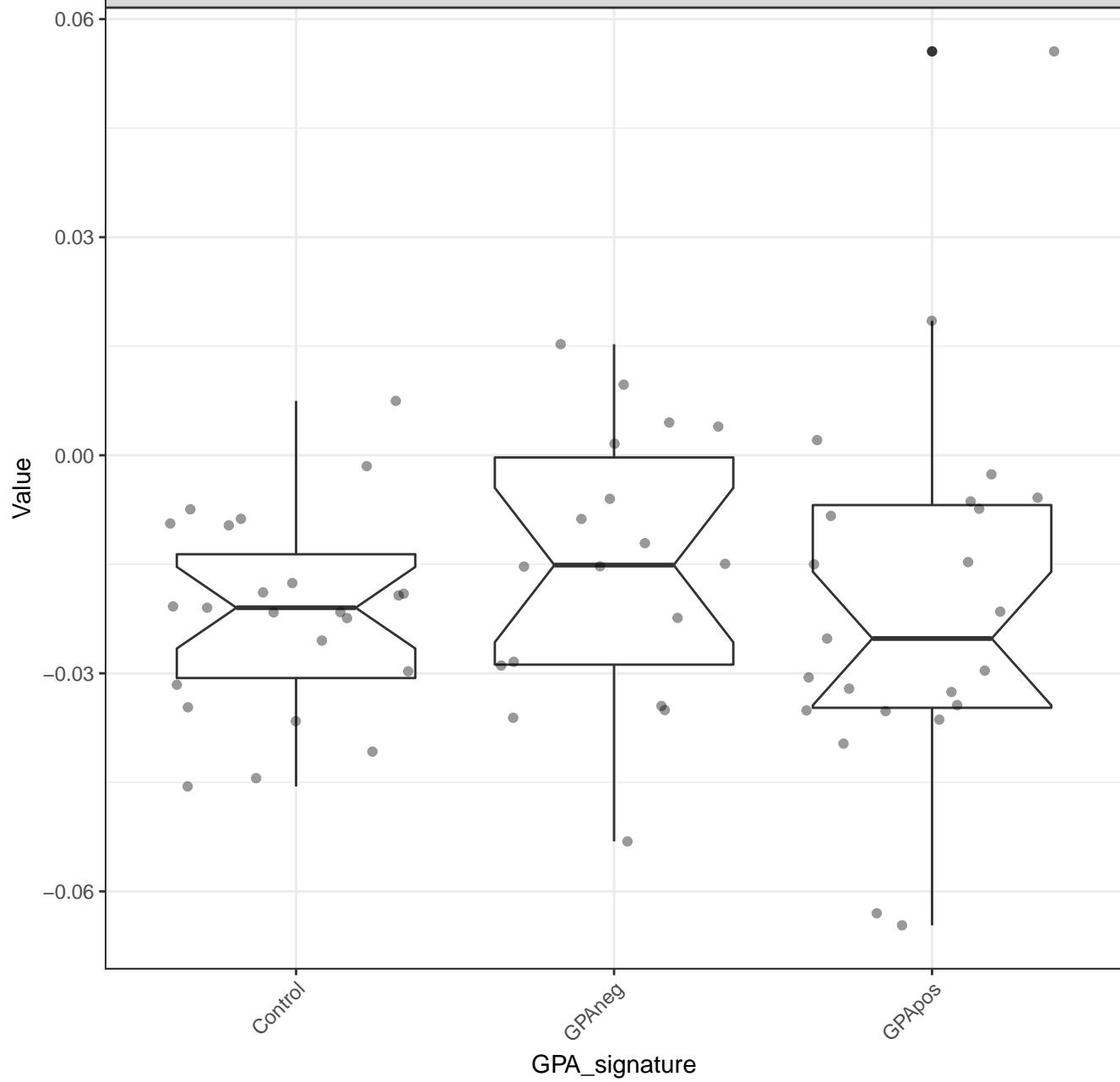
GPAneg

GPApos

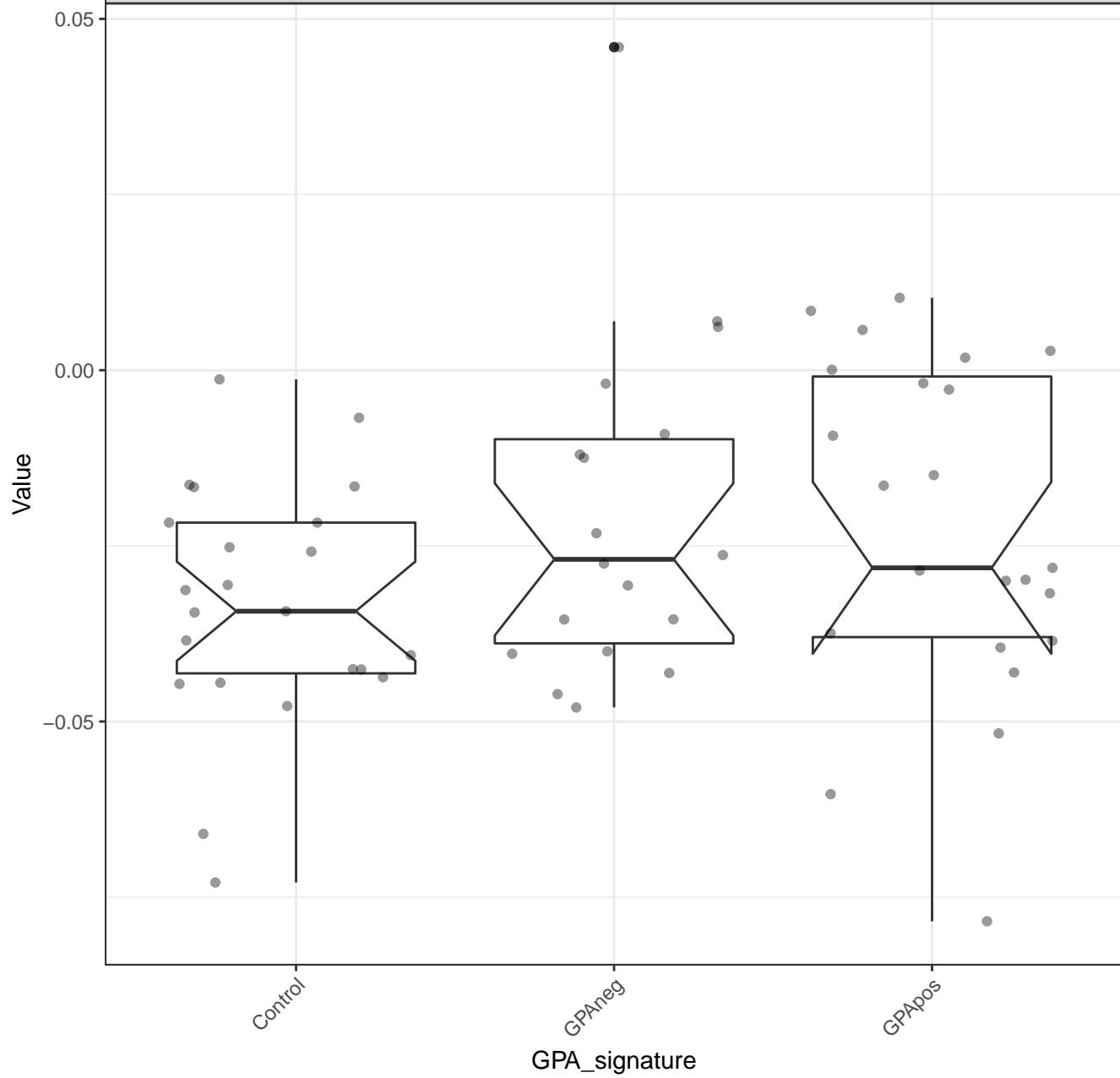
GPA_signature



LV 355



356,REACTOME_TRANSCRITIONAL_ACTIVITY_OF_SMAD2_SMAD3_SMAD4_HETEROTRIMER



LV 357

Value

0.05

0.00

-0.05

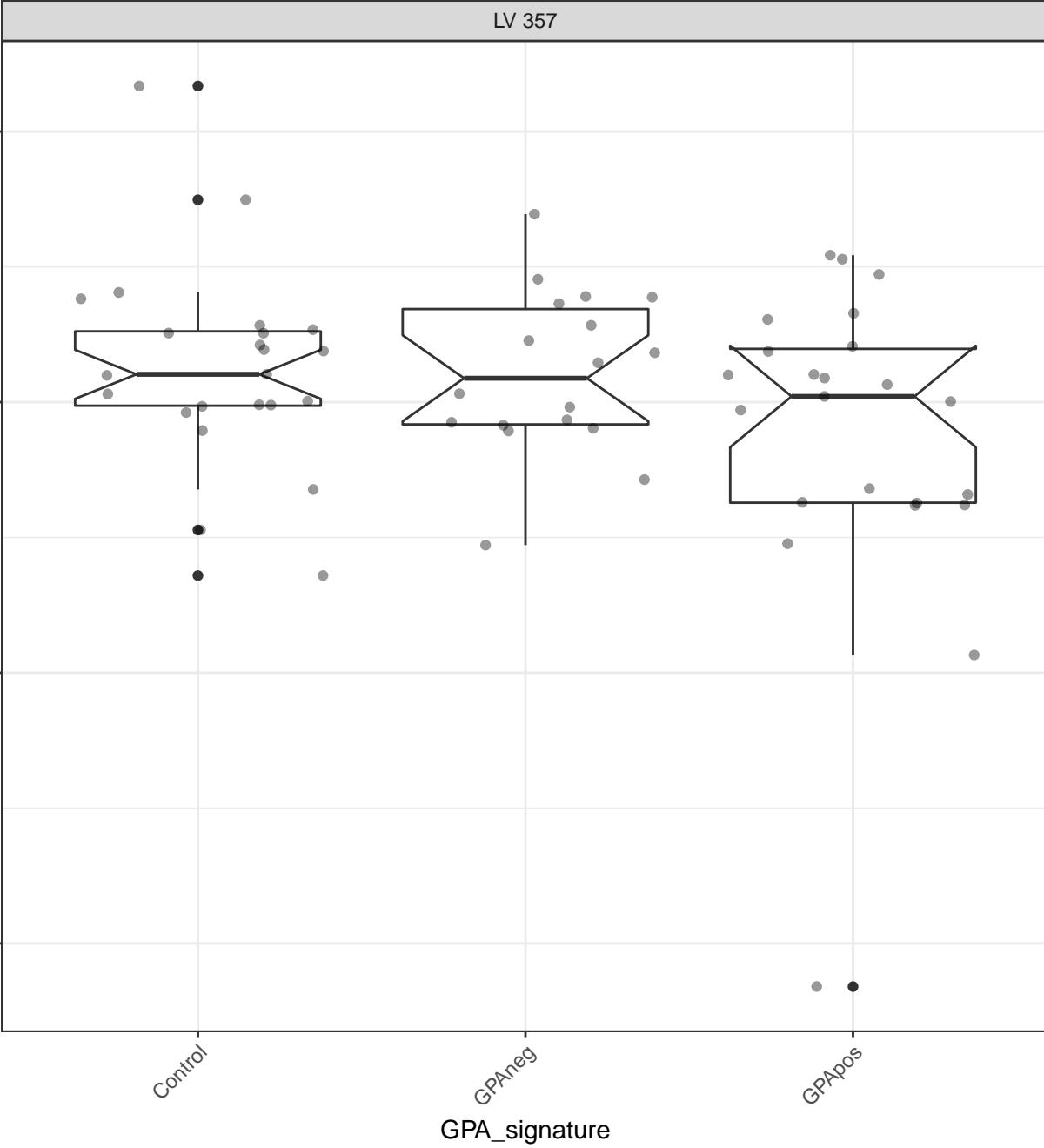
-0.10

Control

GPAneg

GPApos

GPA_signature



LV 358

Value

0.04

0.02

0.00

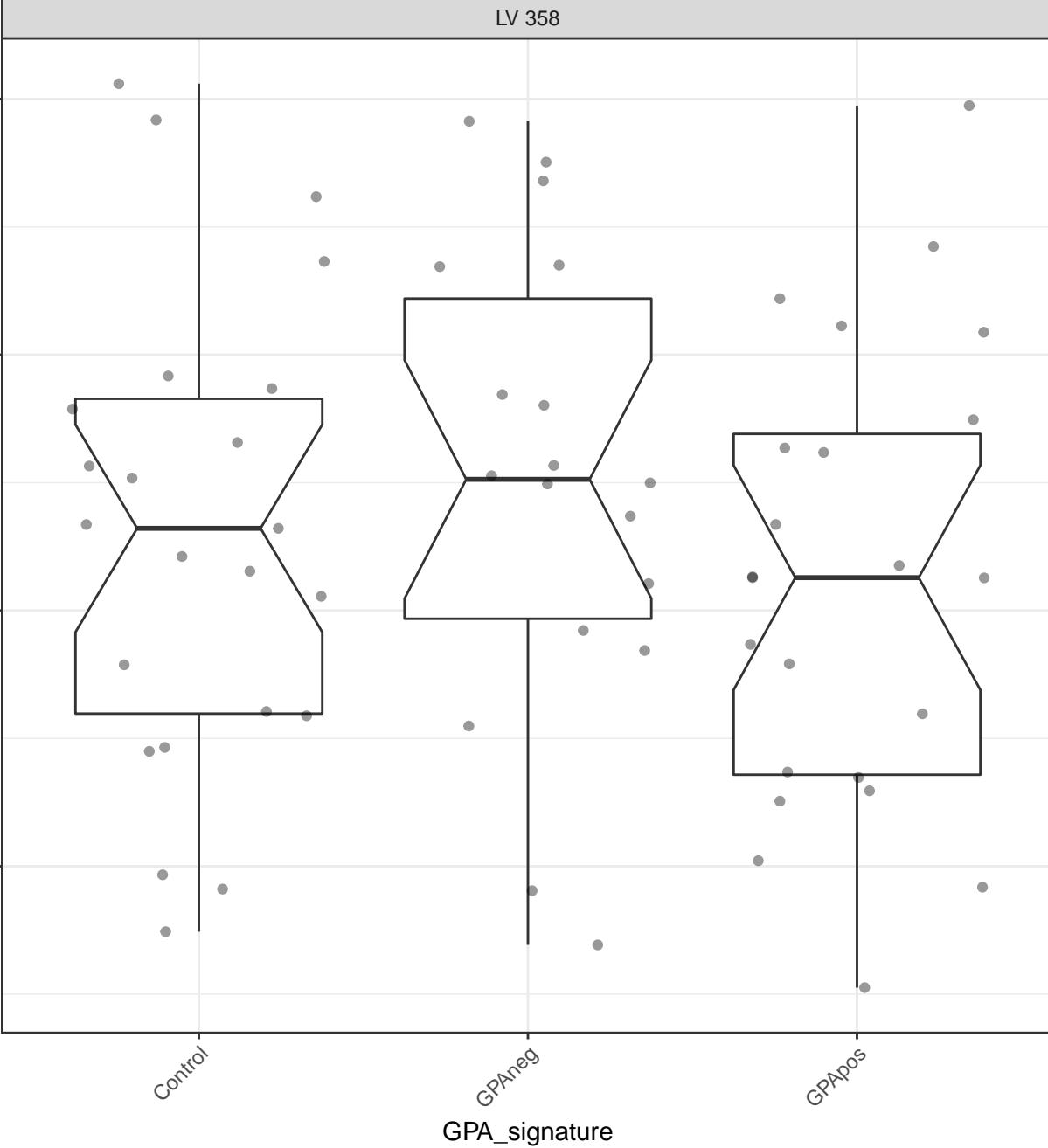
-0.02

Control

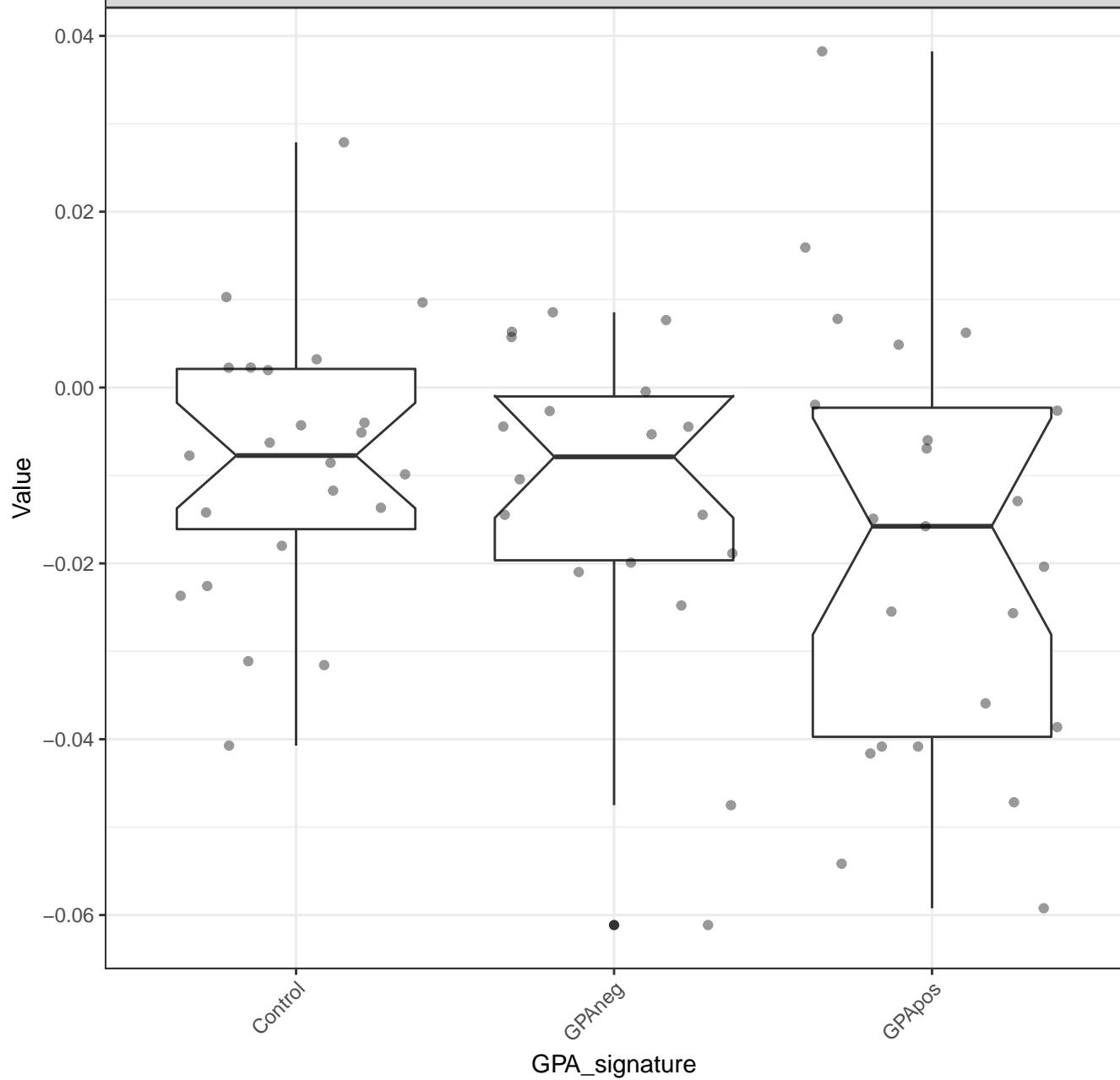
GPAneg

GPAPos

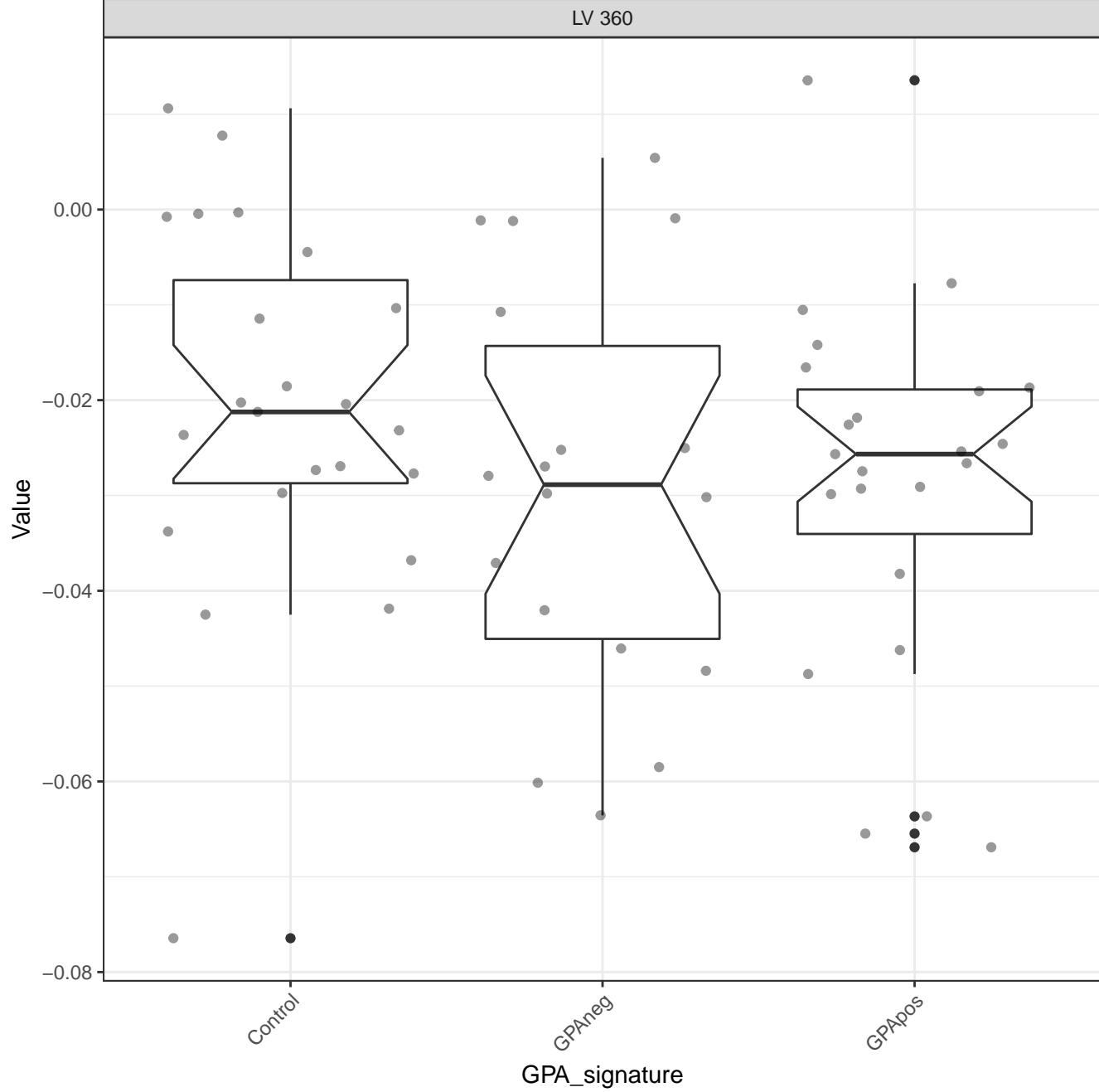
GPA_signature



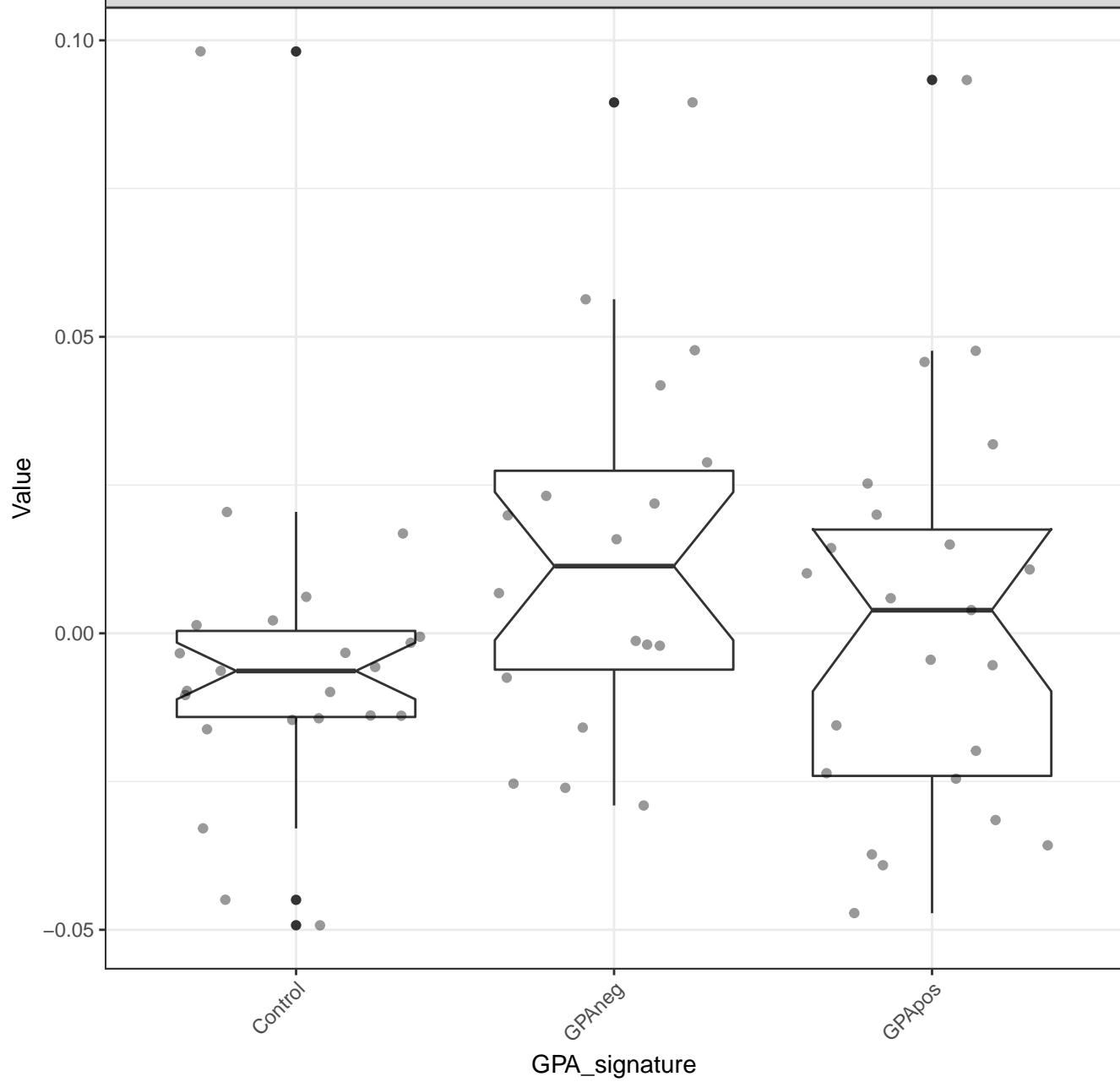
LV 359



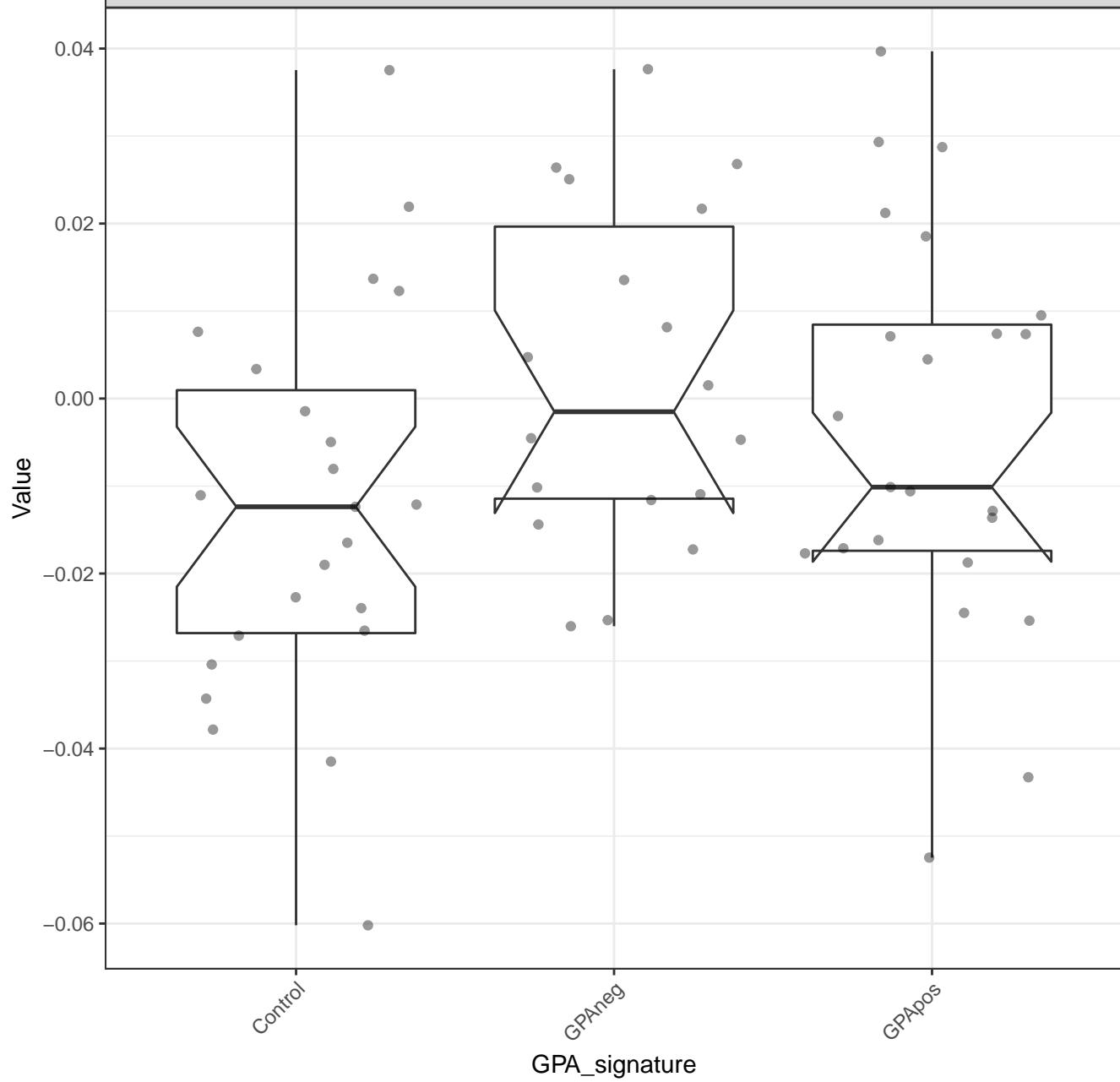
LV 360



LV 361



LV 362



Value

0.04

0.02

0.00

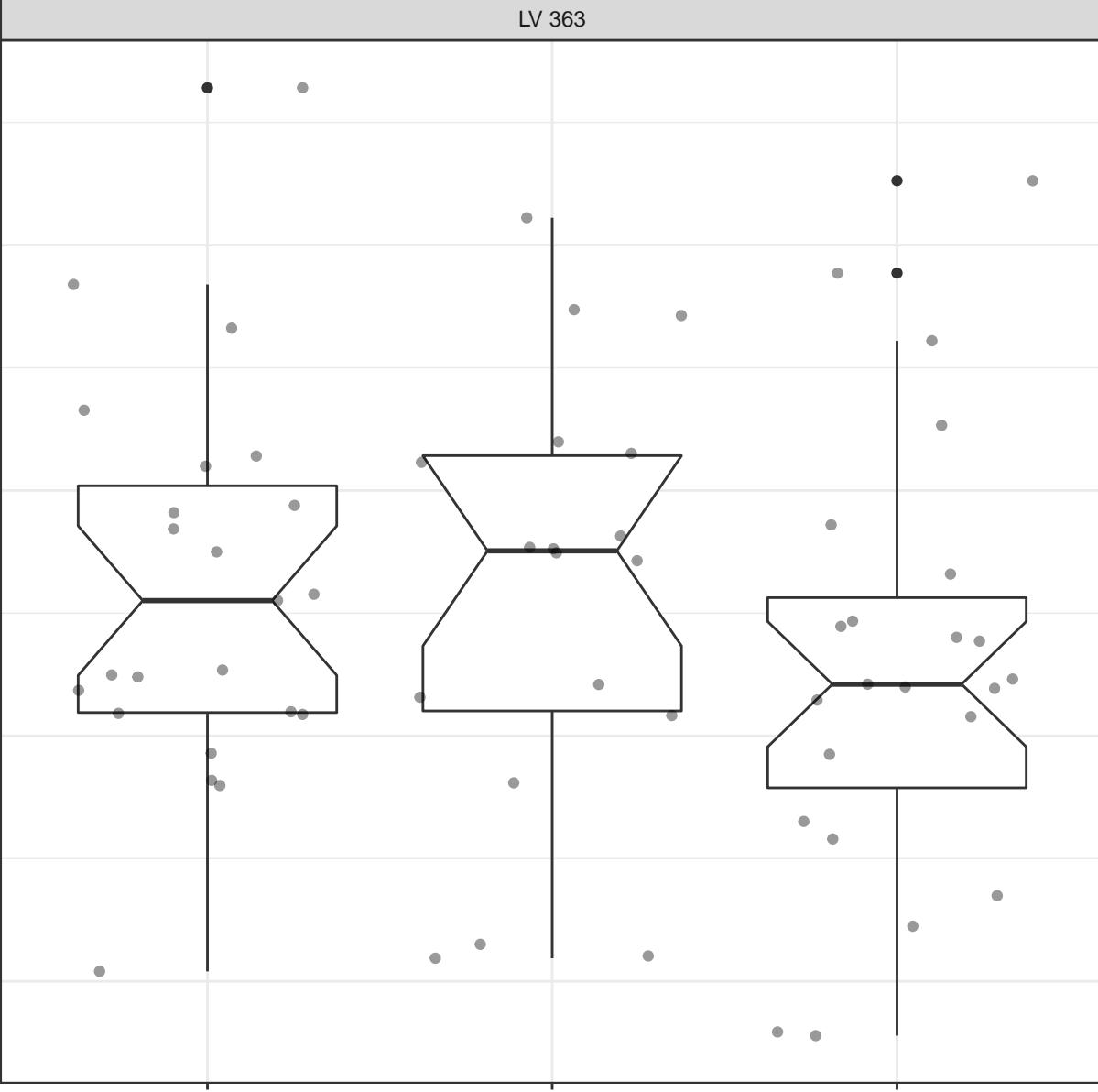
-0.02

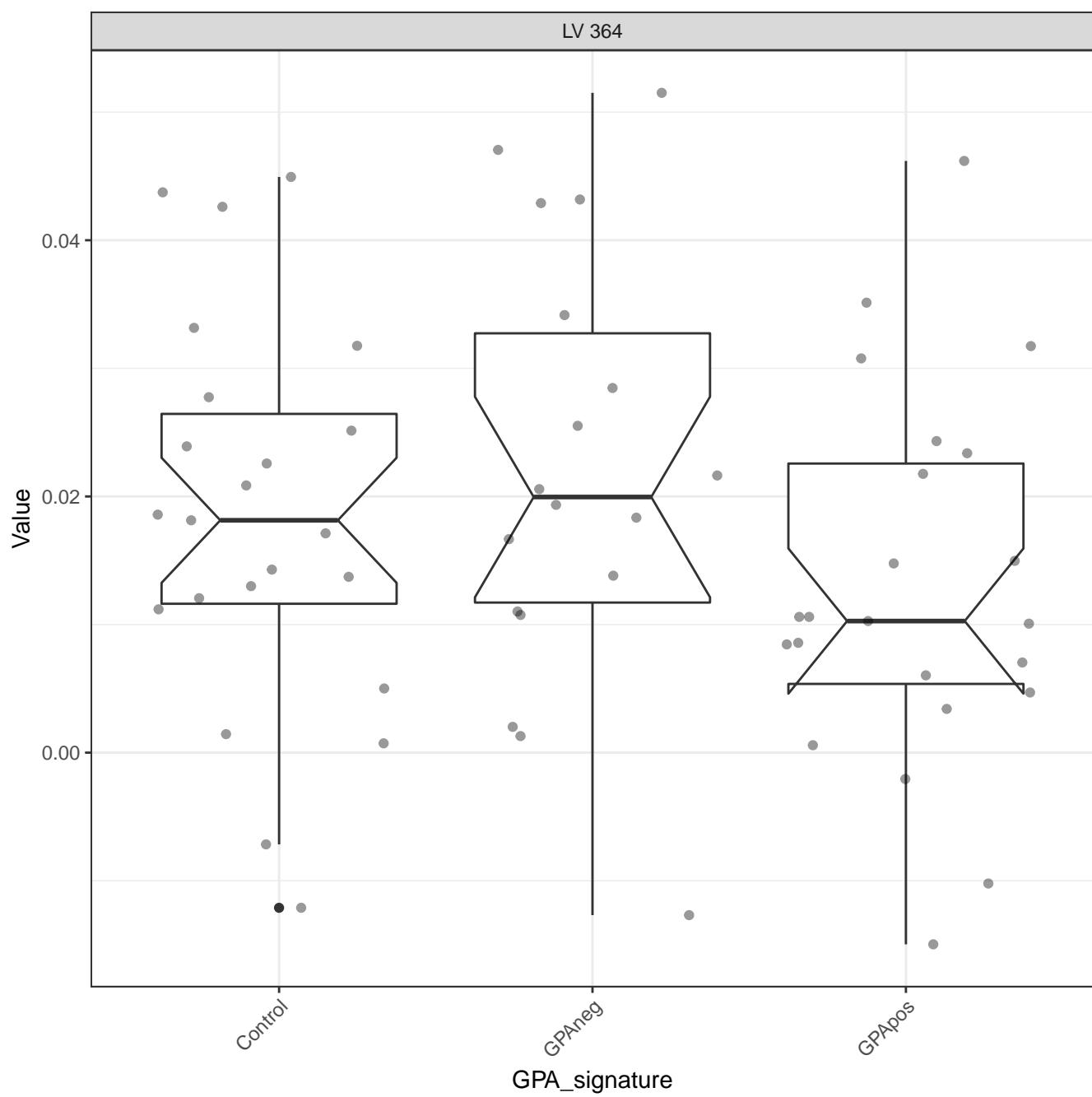
Control

GPA_signature

GPAneg

GPApos





LV 365

Value

0.03

0.02

0.01

0.00

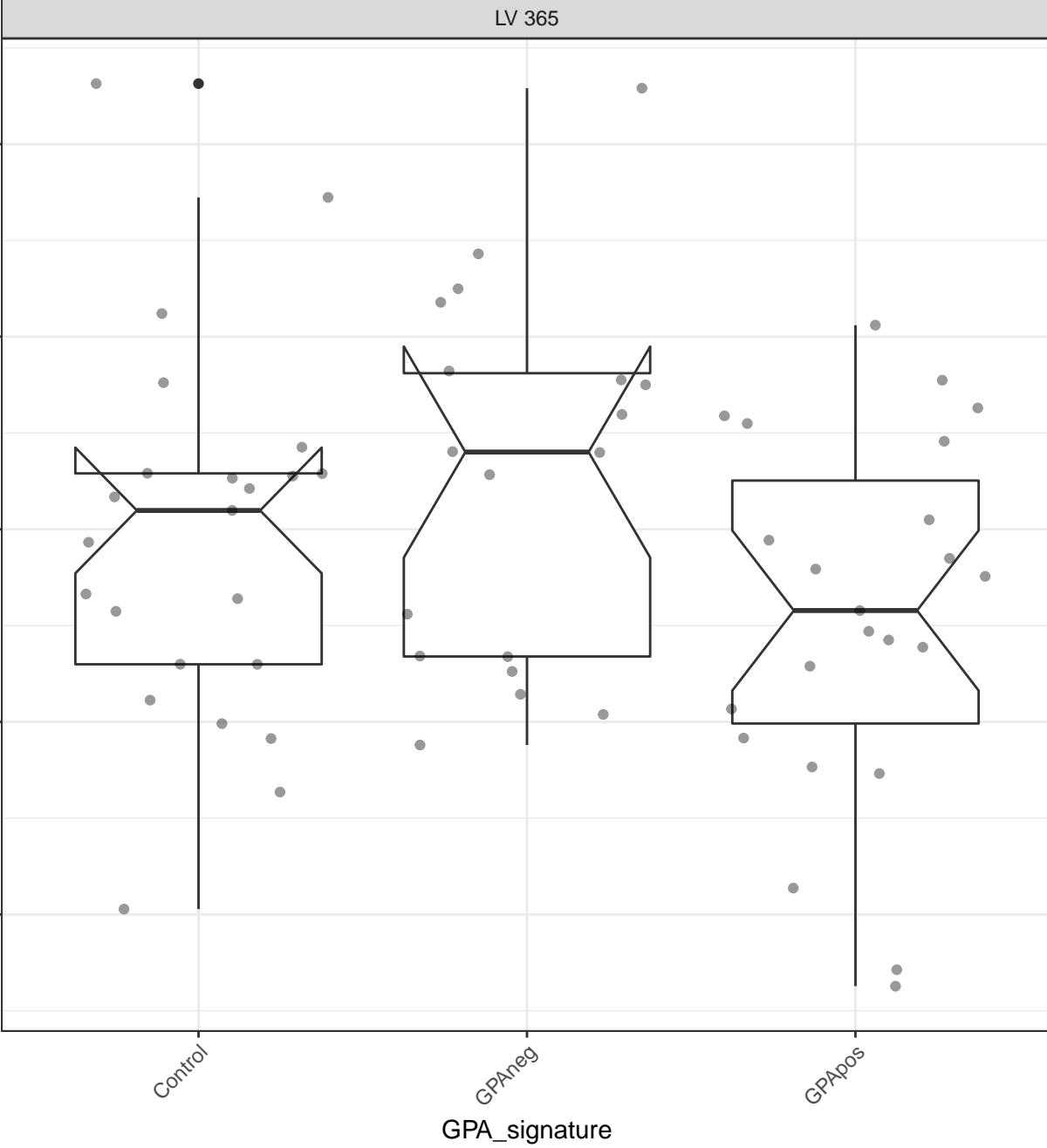
-0.01

Control

GPAneg

GPAPos

GPA_signature



LV 366

Value

0.000

-0.025

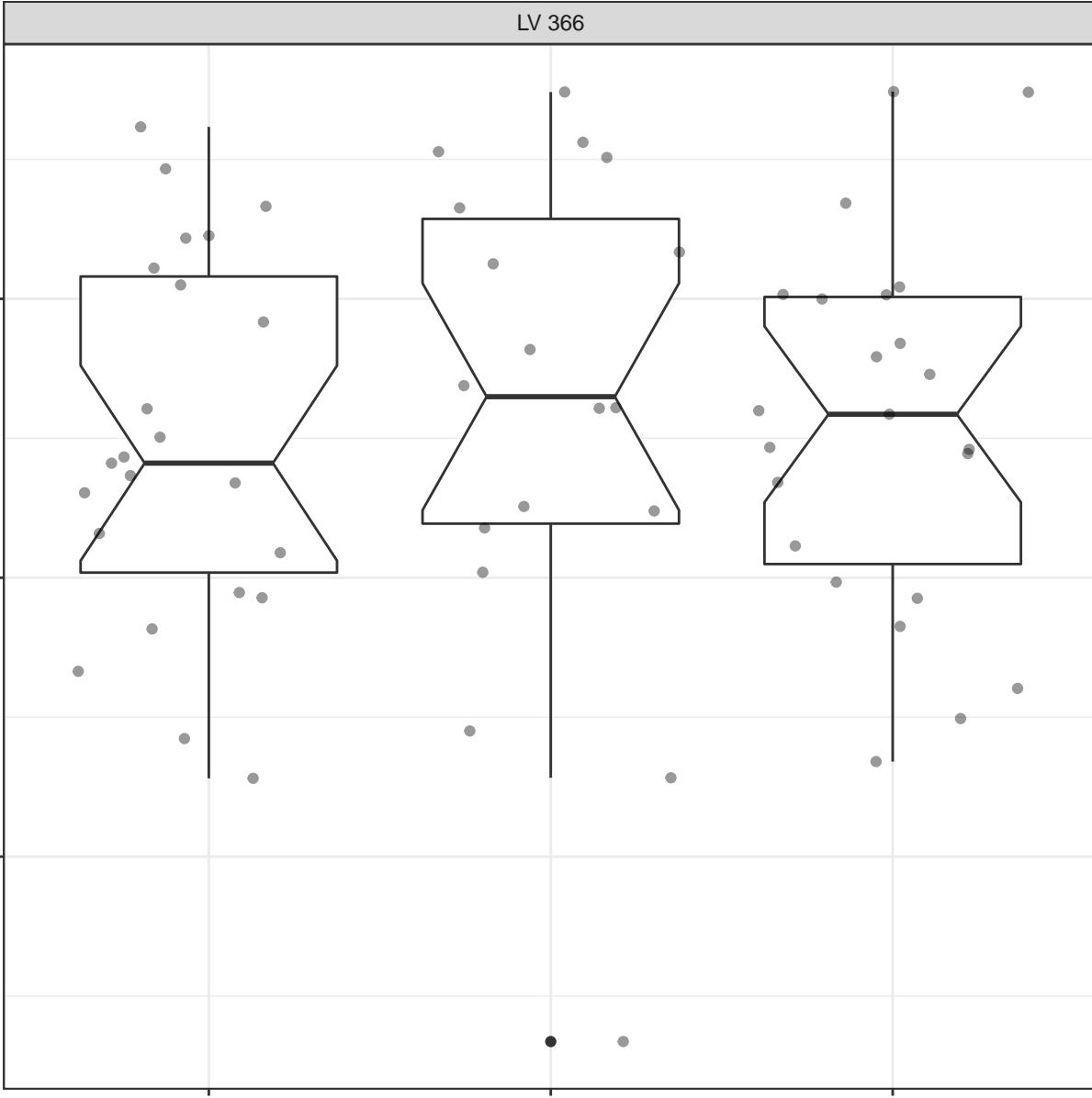
-0.050

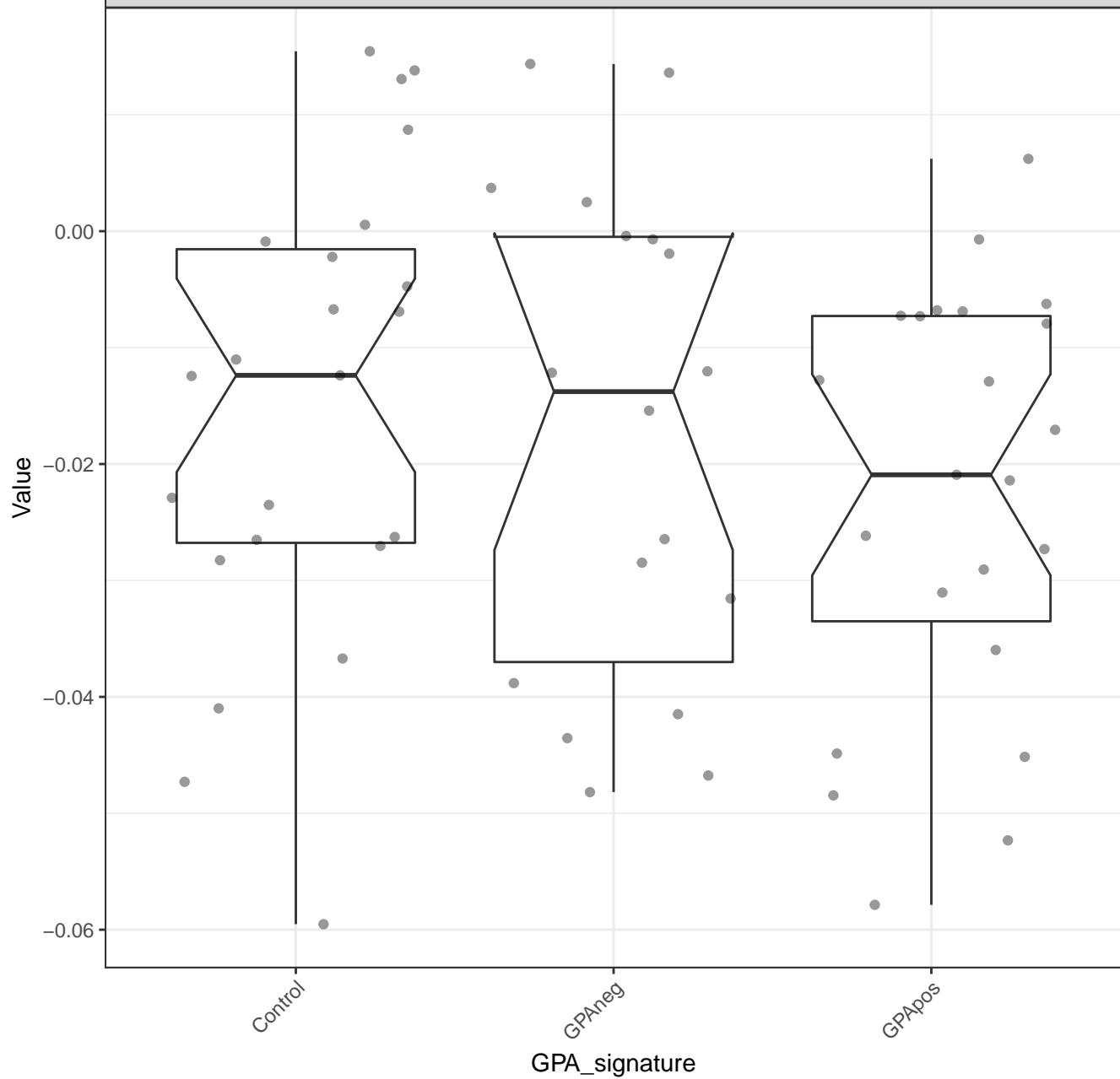
Control

GPA_signature

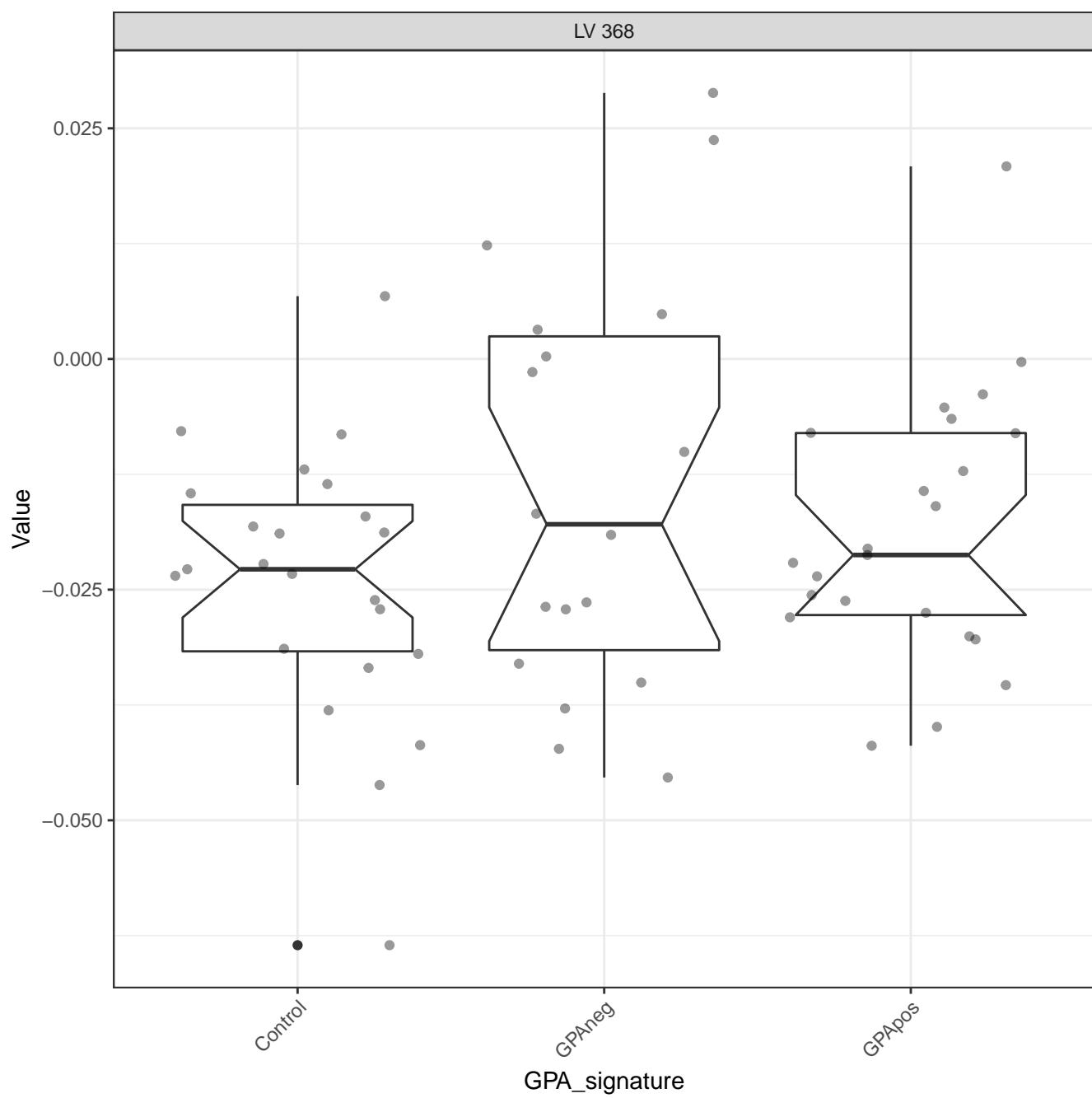
GPAneg

GPAPos

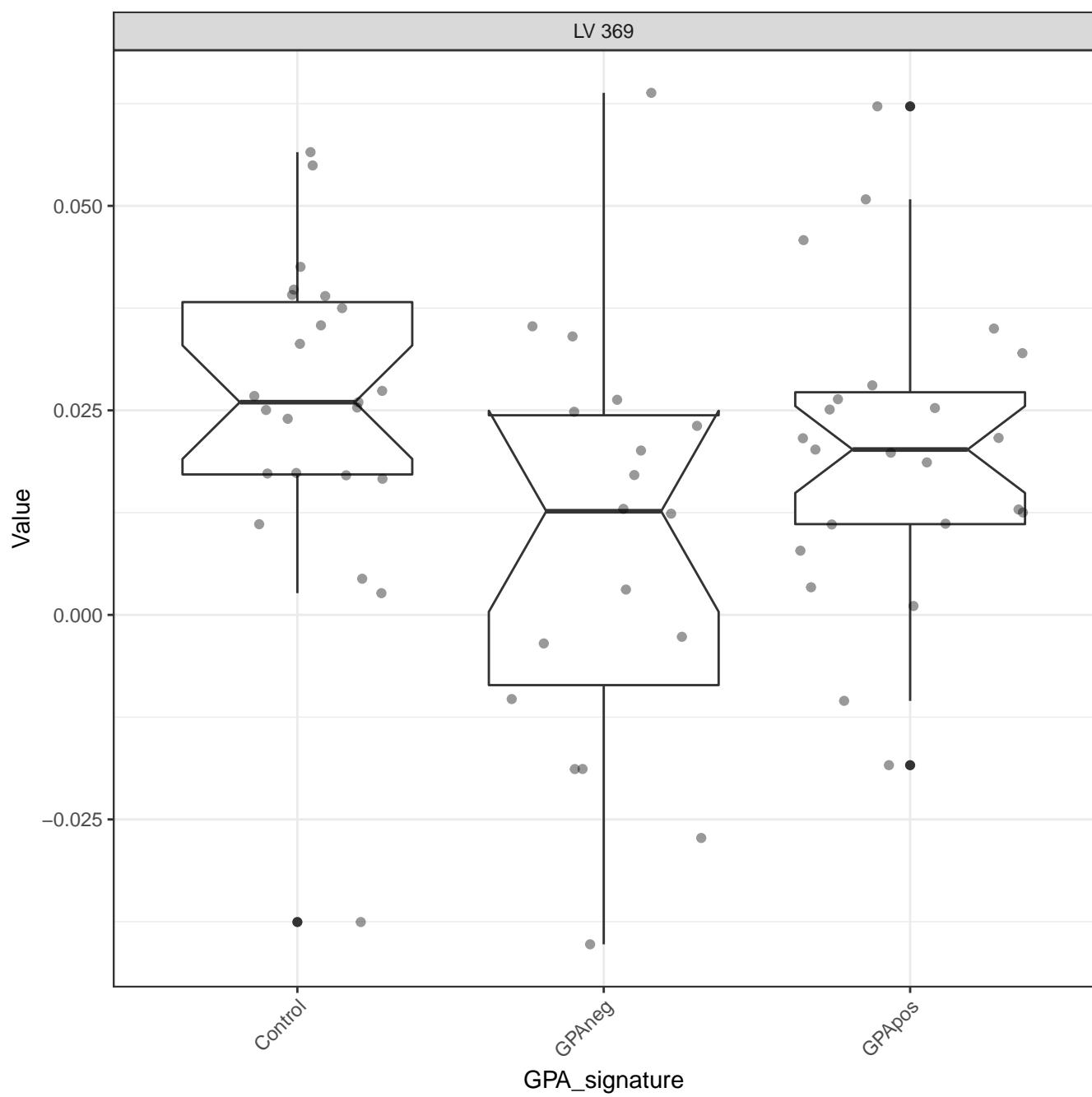




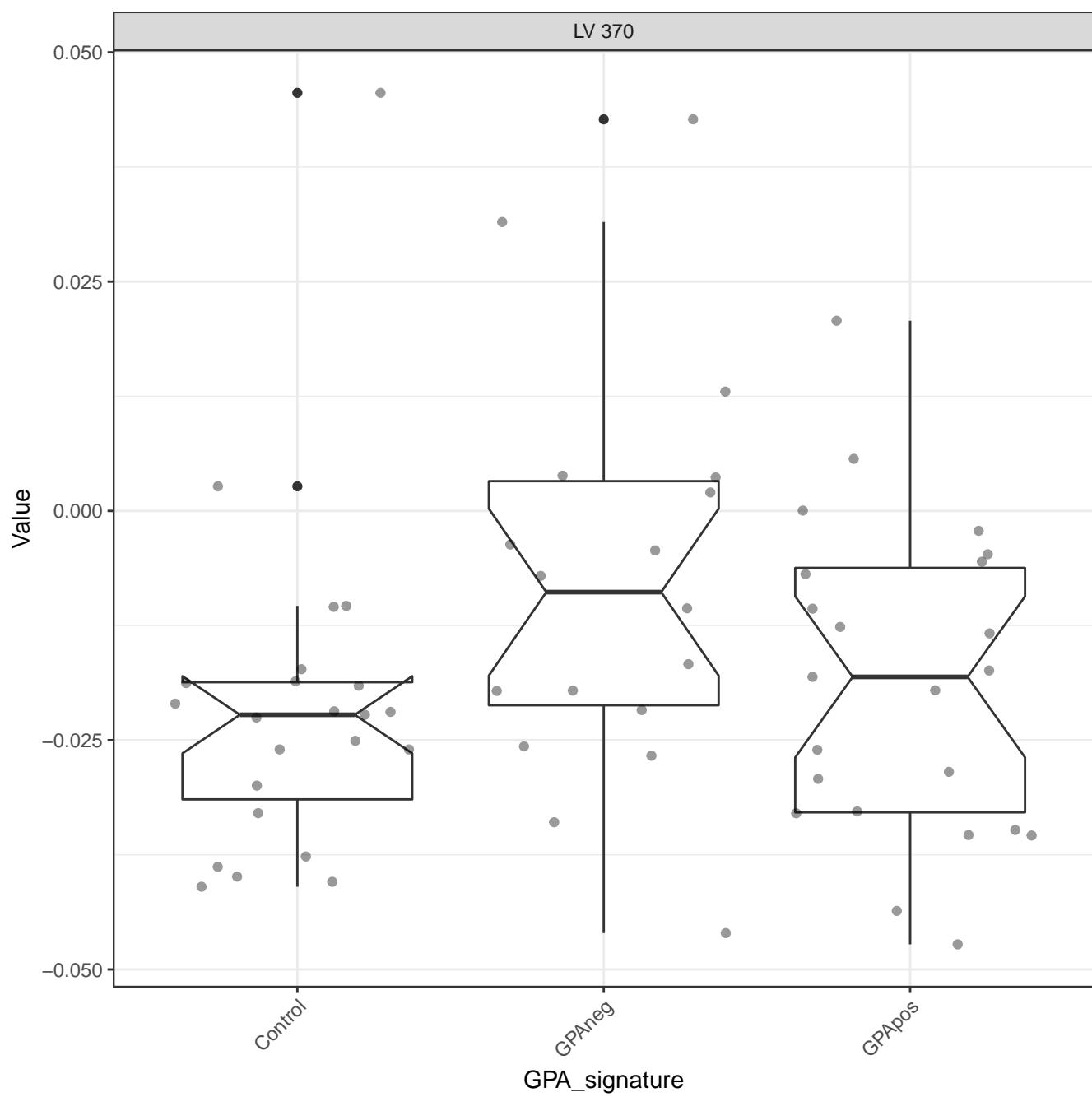
LV 368



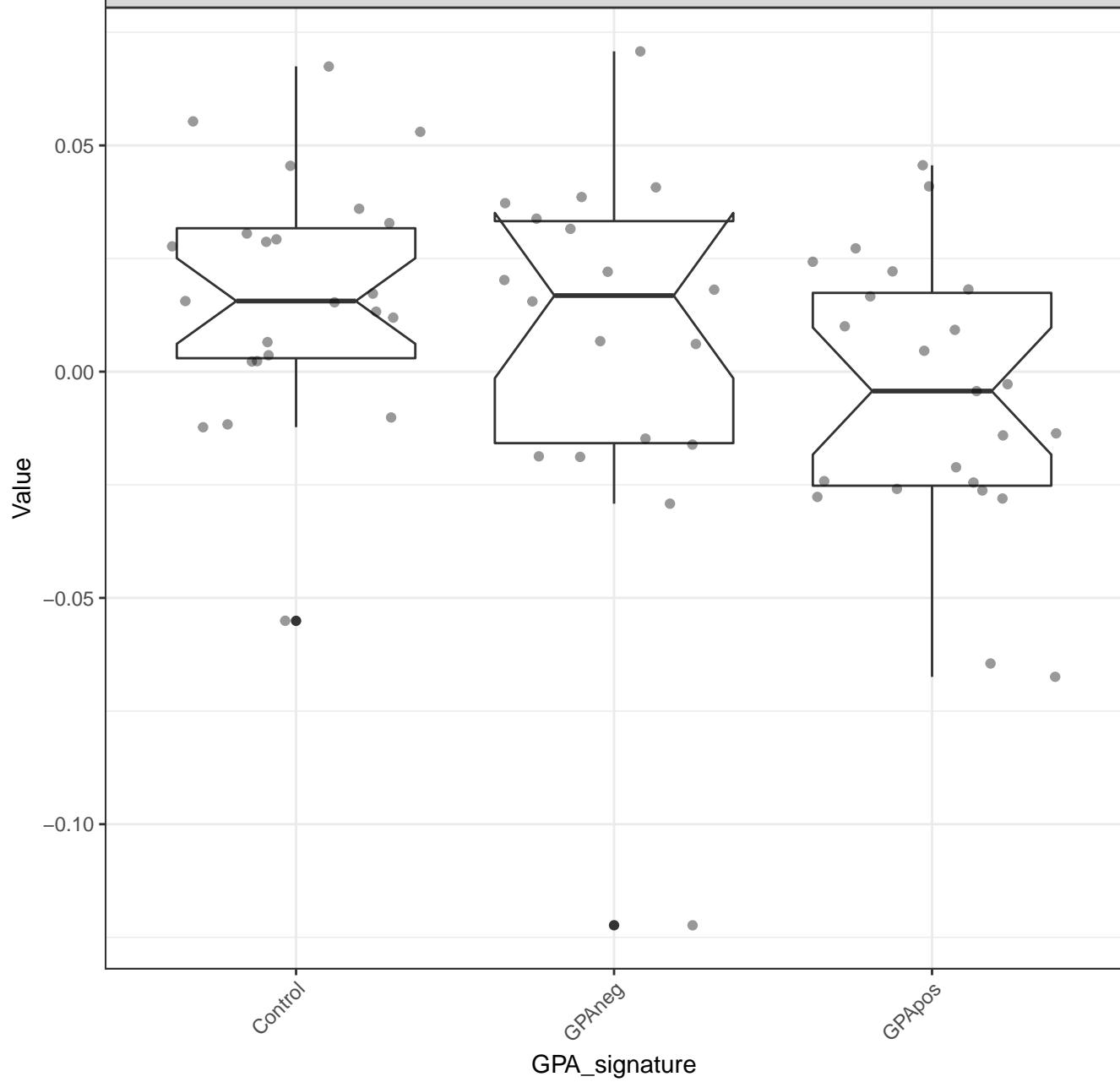
LV 369

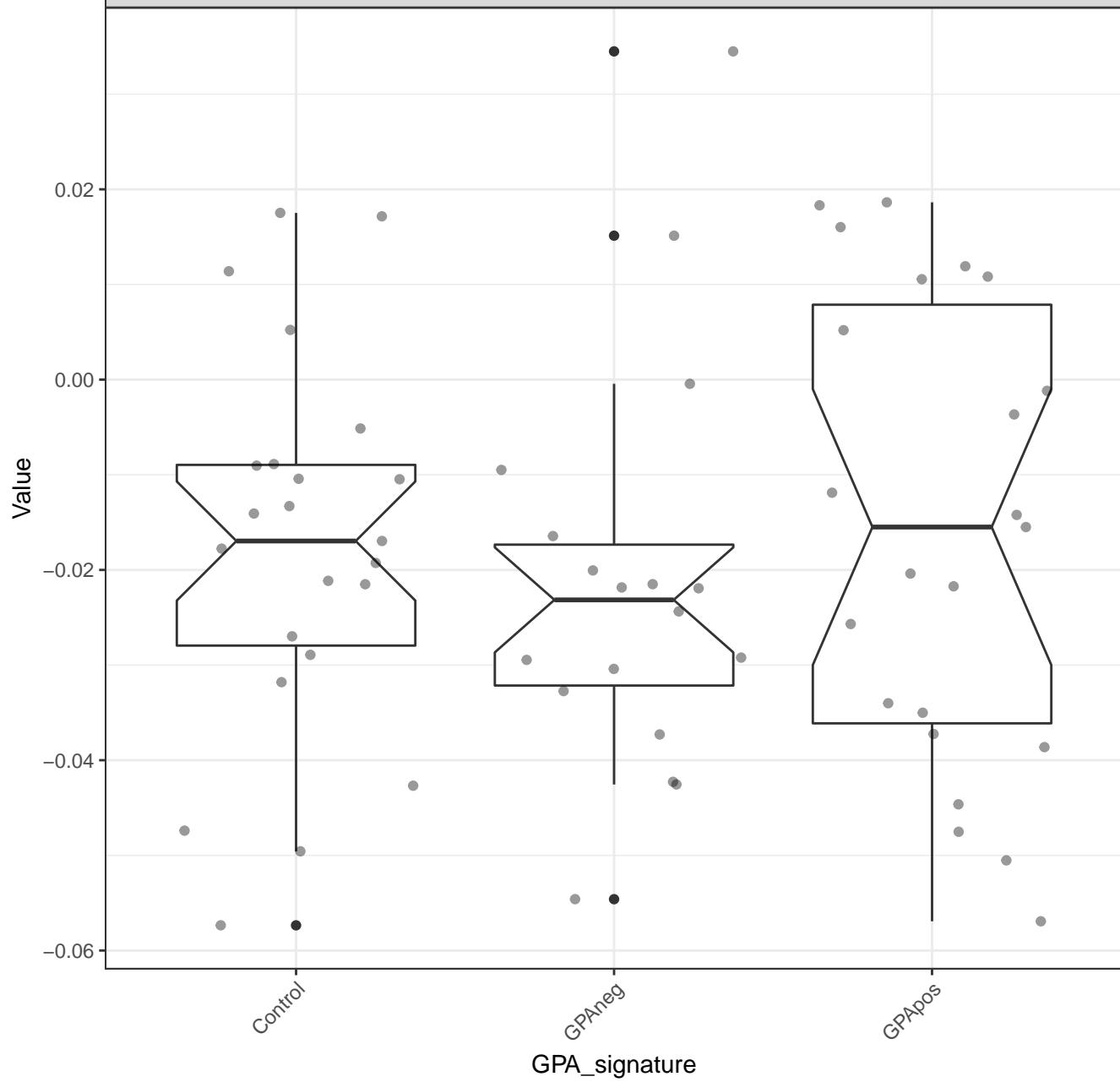


LV 370



LV 371





Value

0.05

0.00

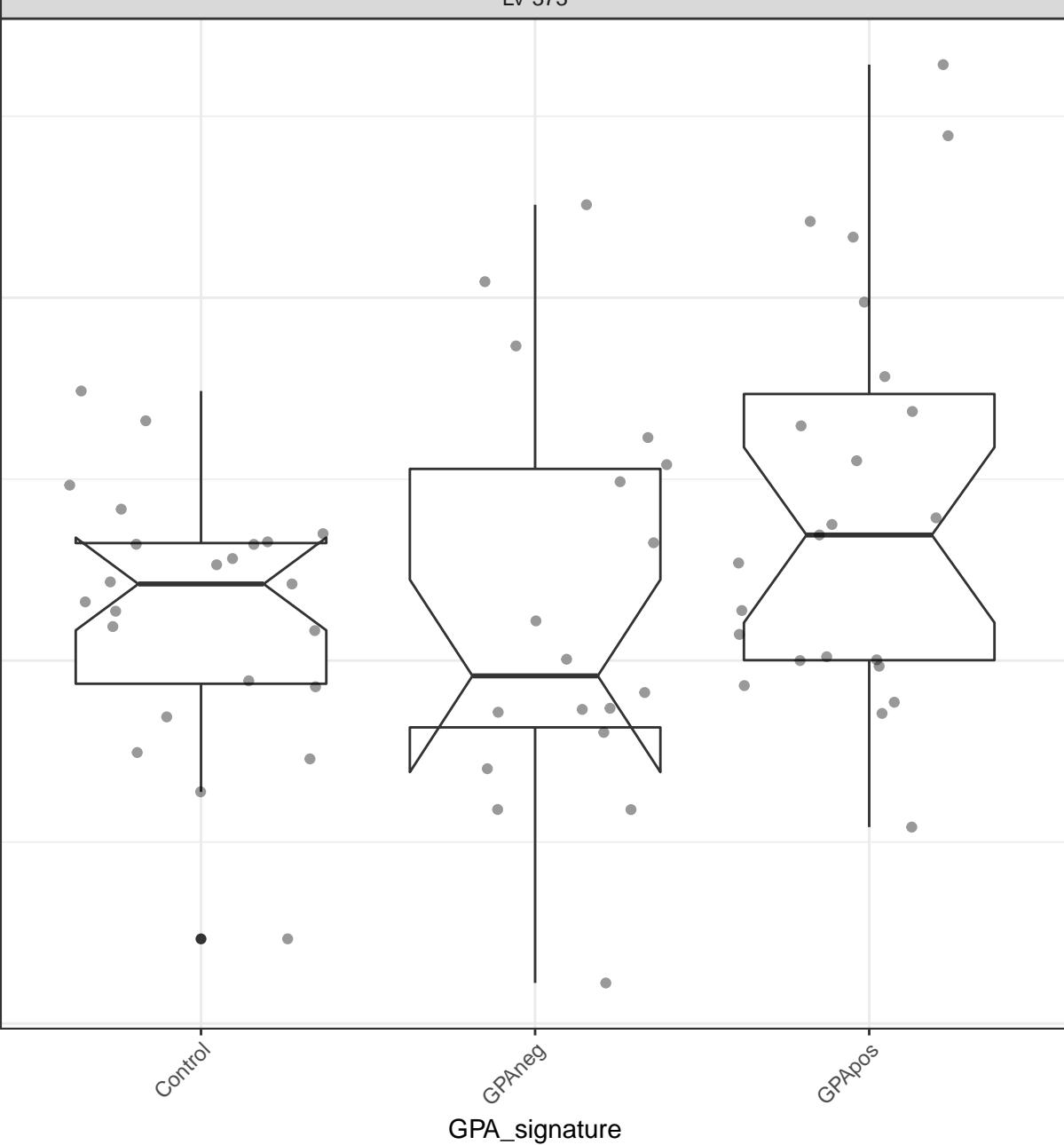
-0.05

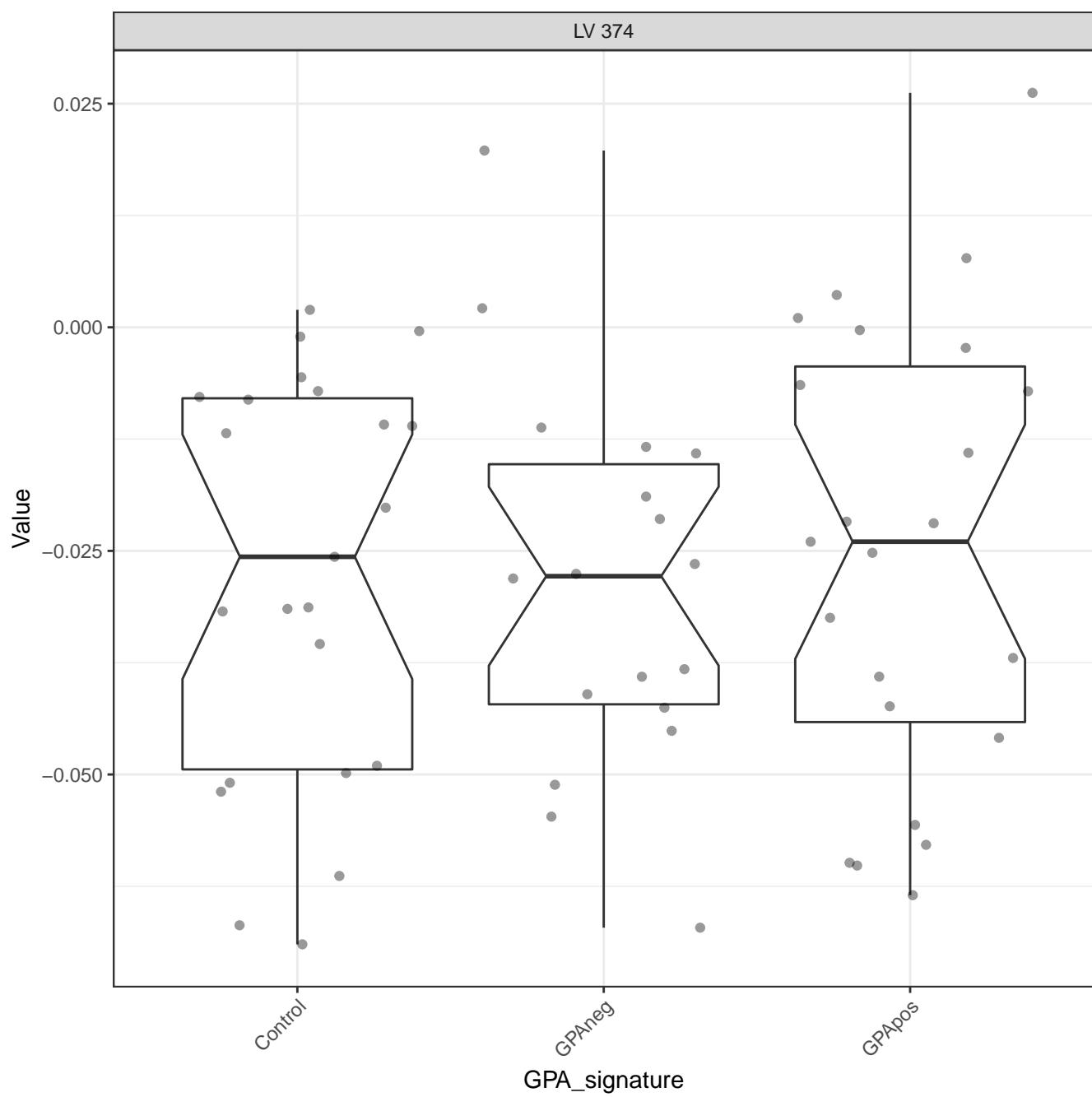
Control

GPA_signature

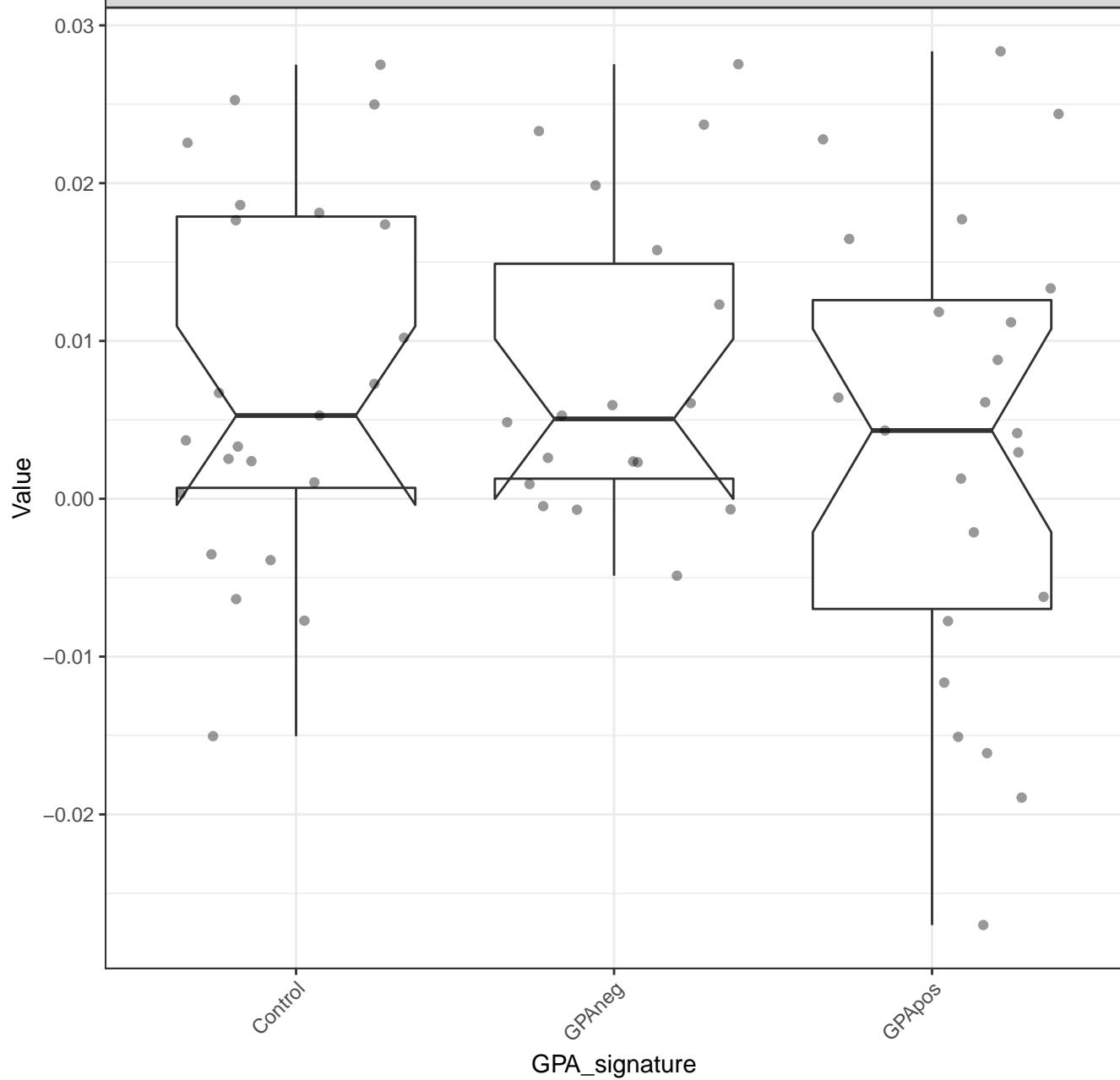
GPAneg

GPApos

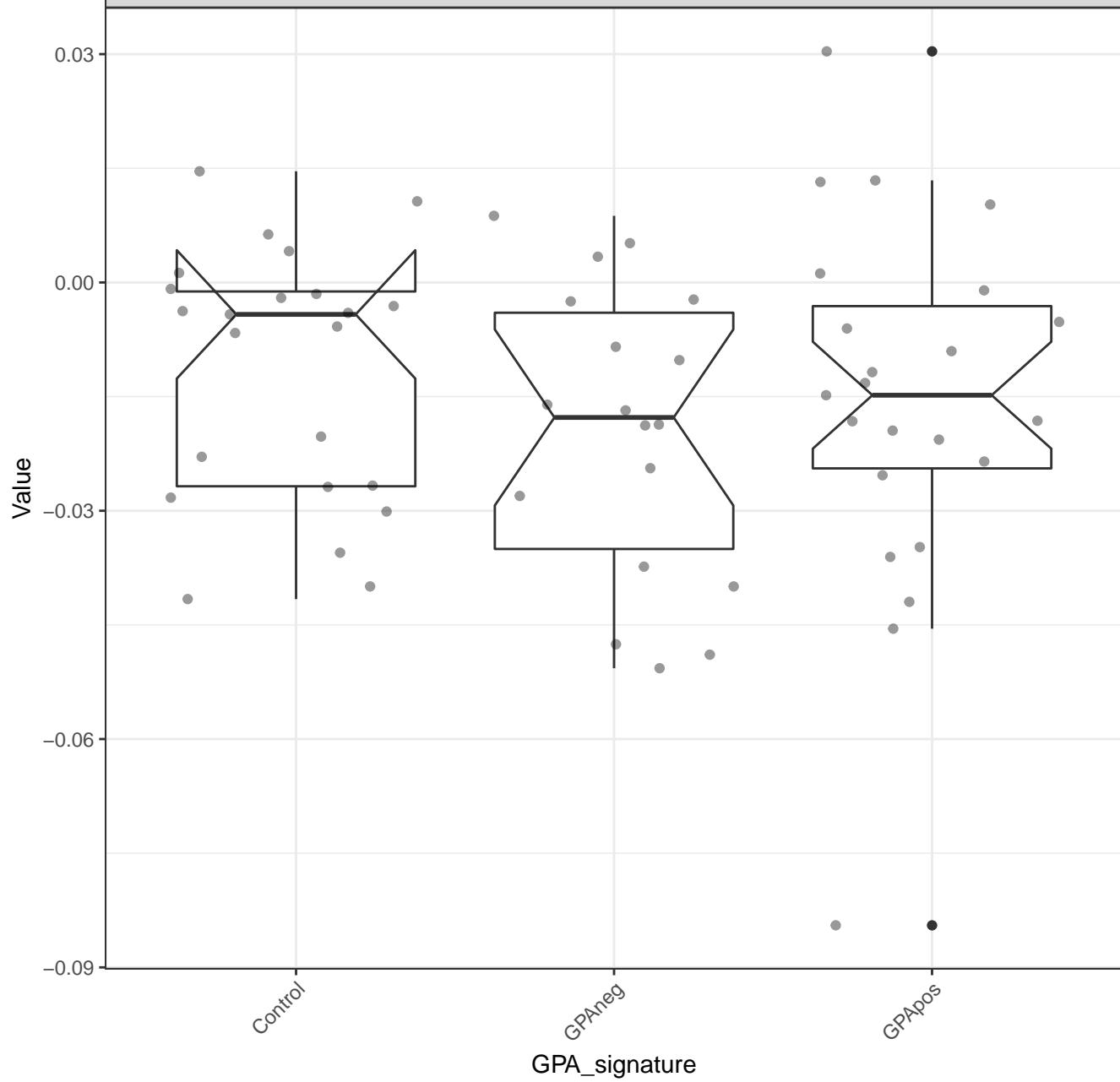




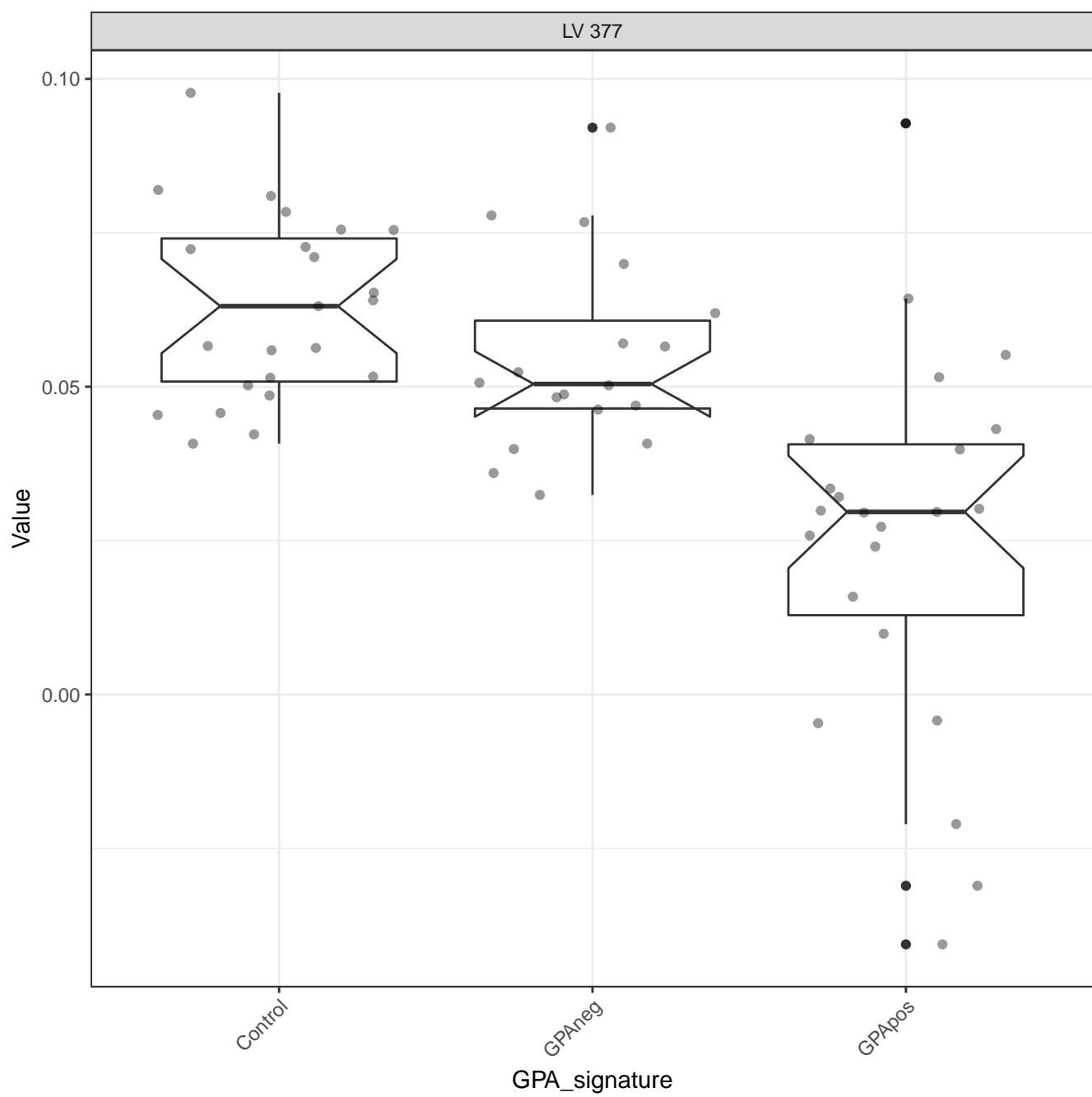
LV 375



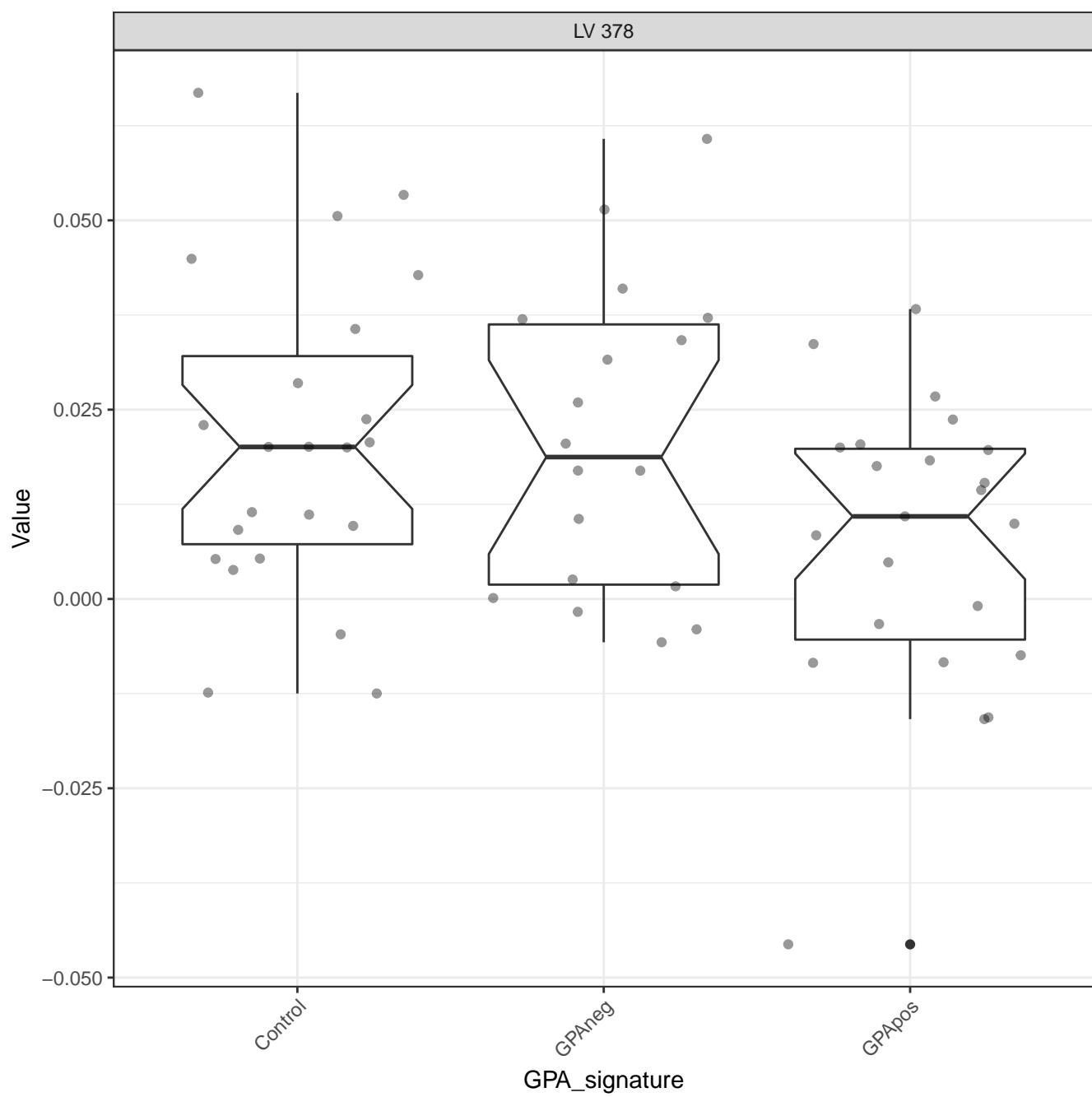
LV 376

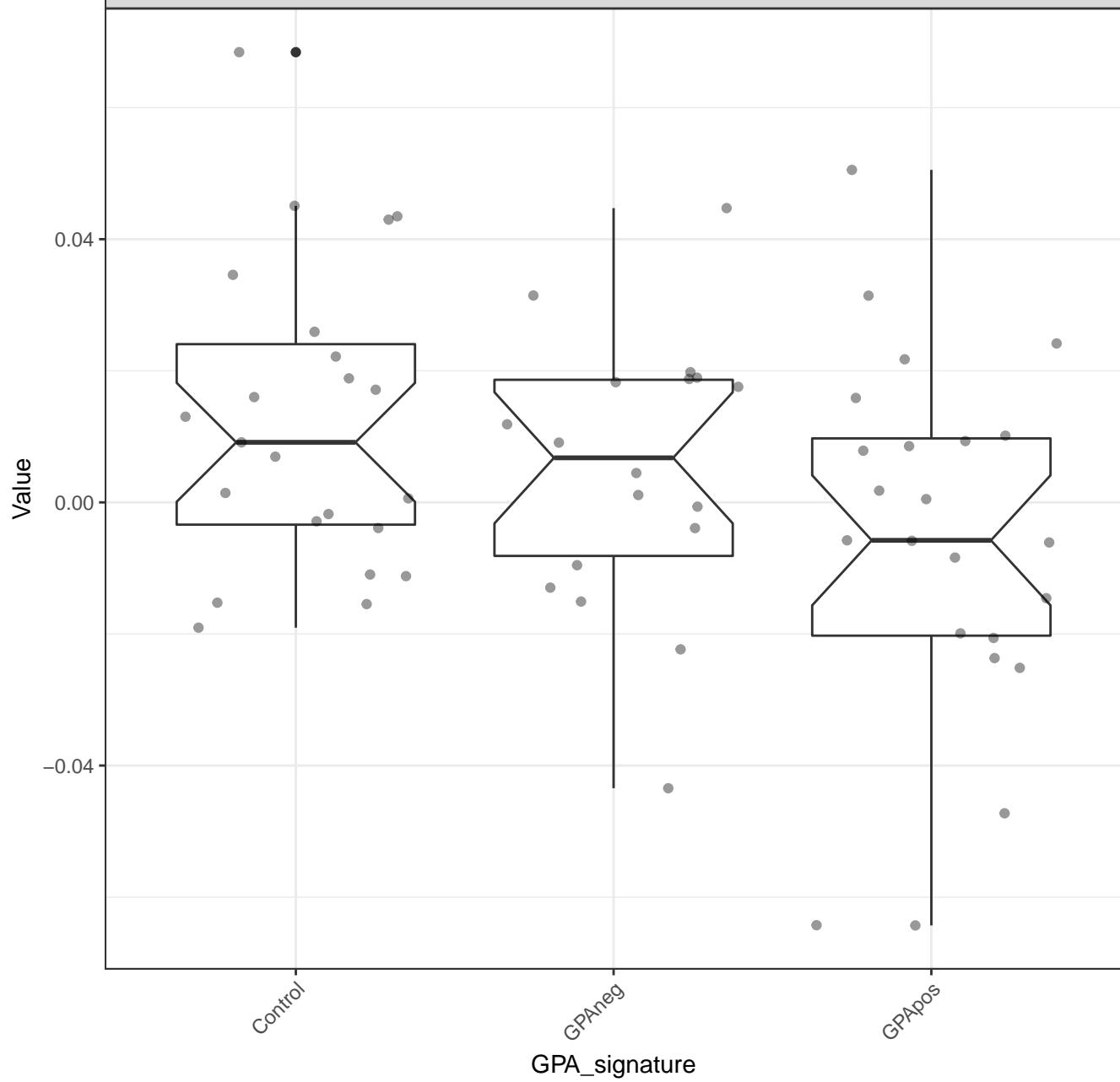


LV 377

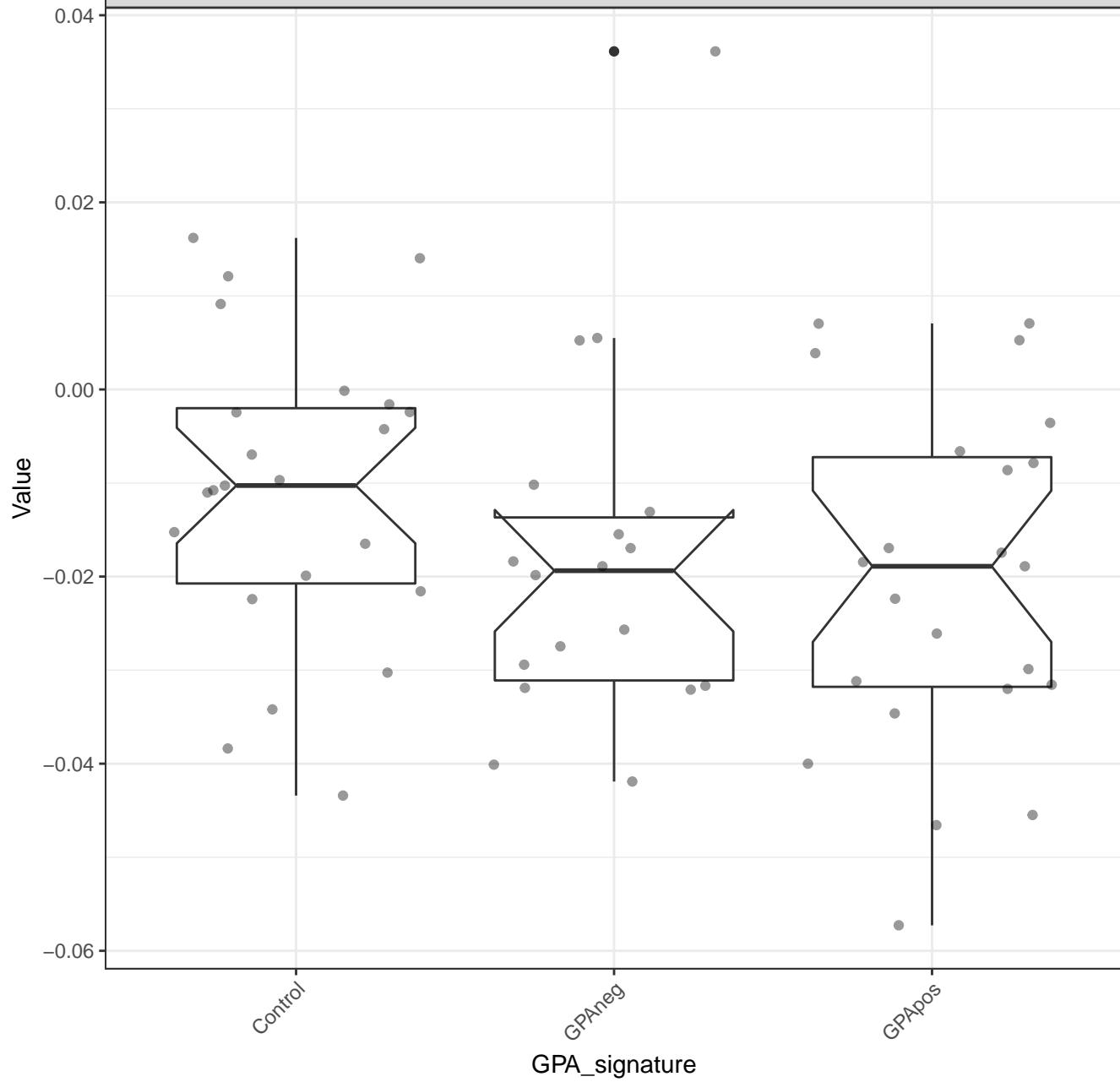


LV 378

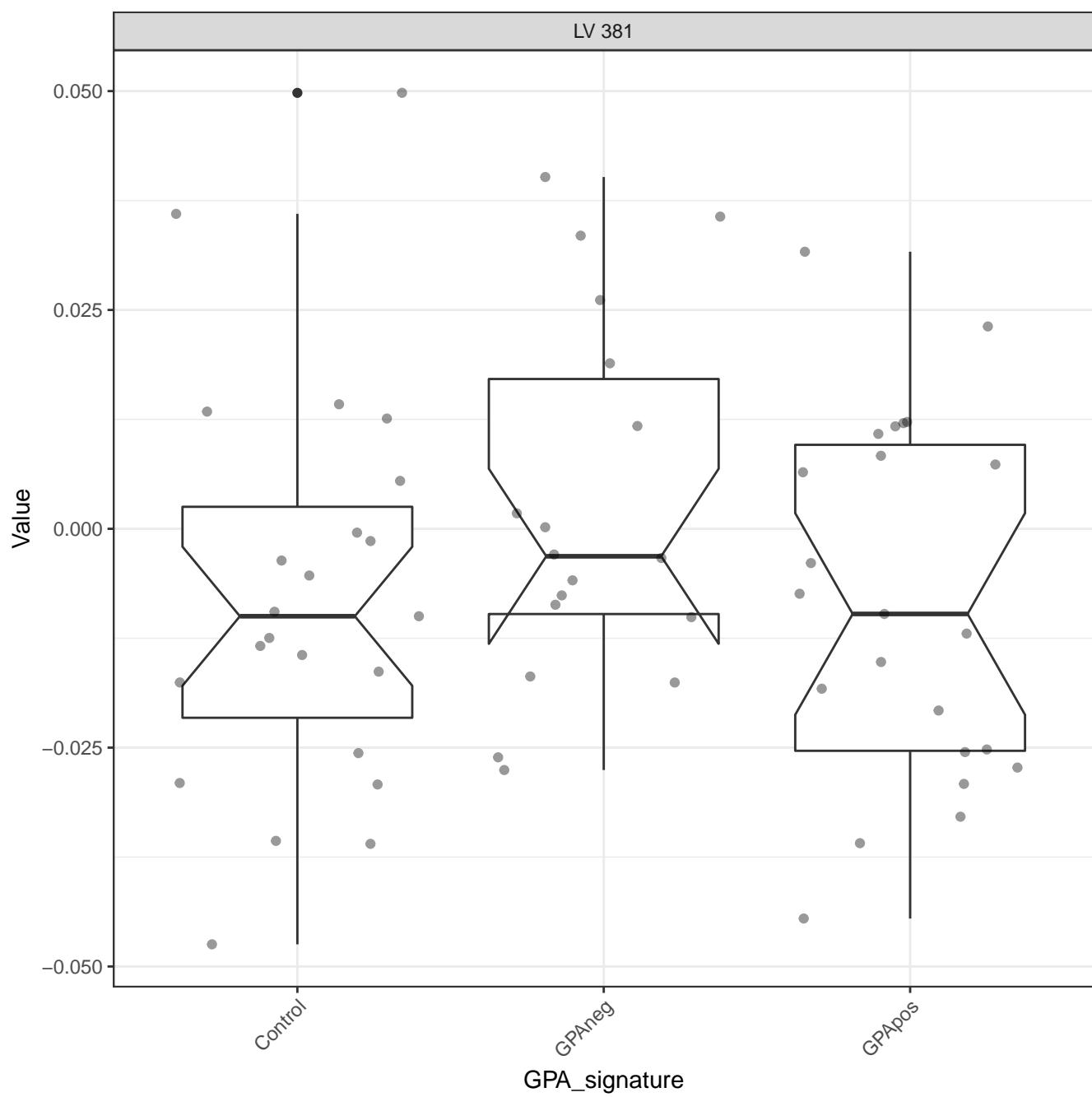




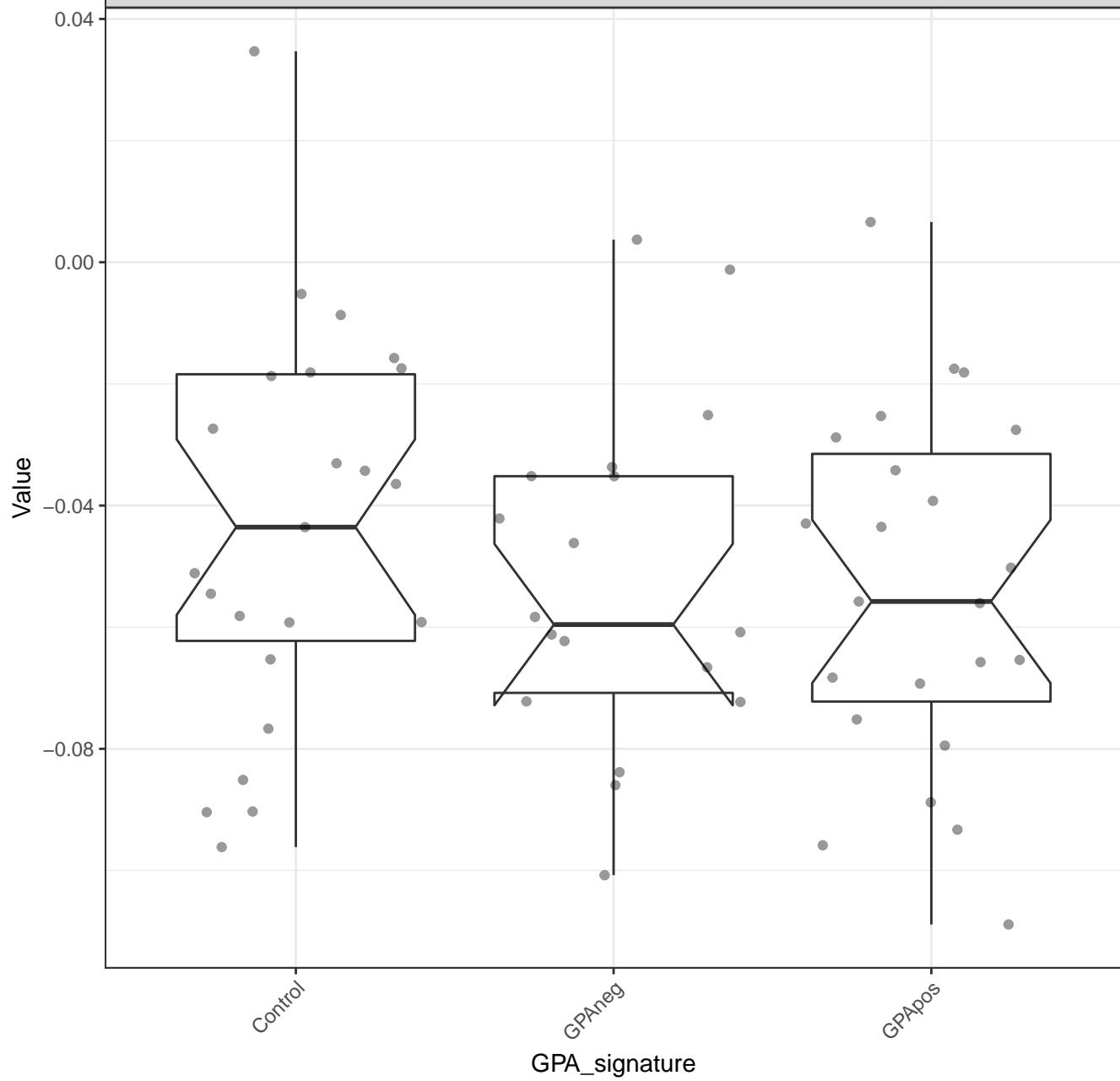
LV 380



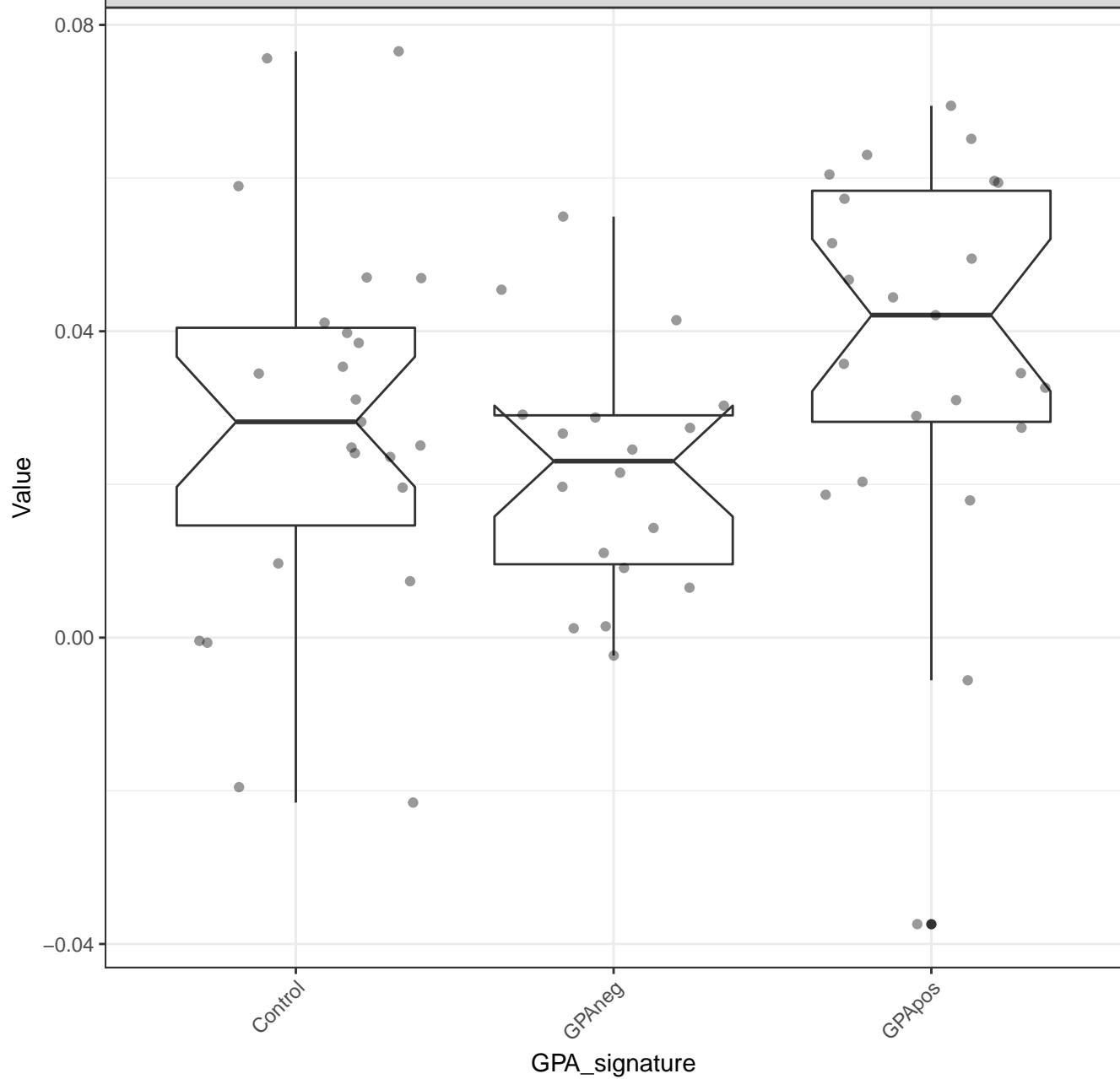
LV 381



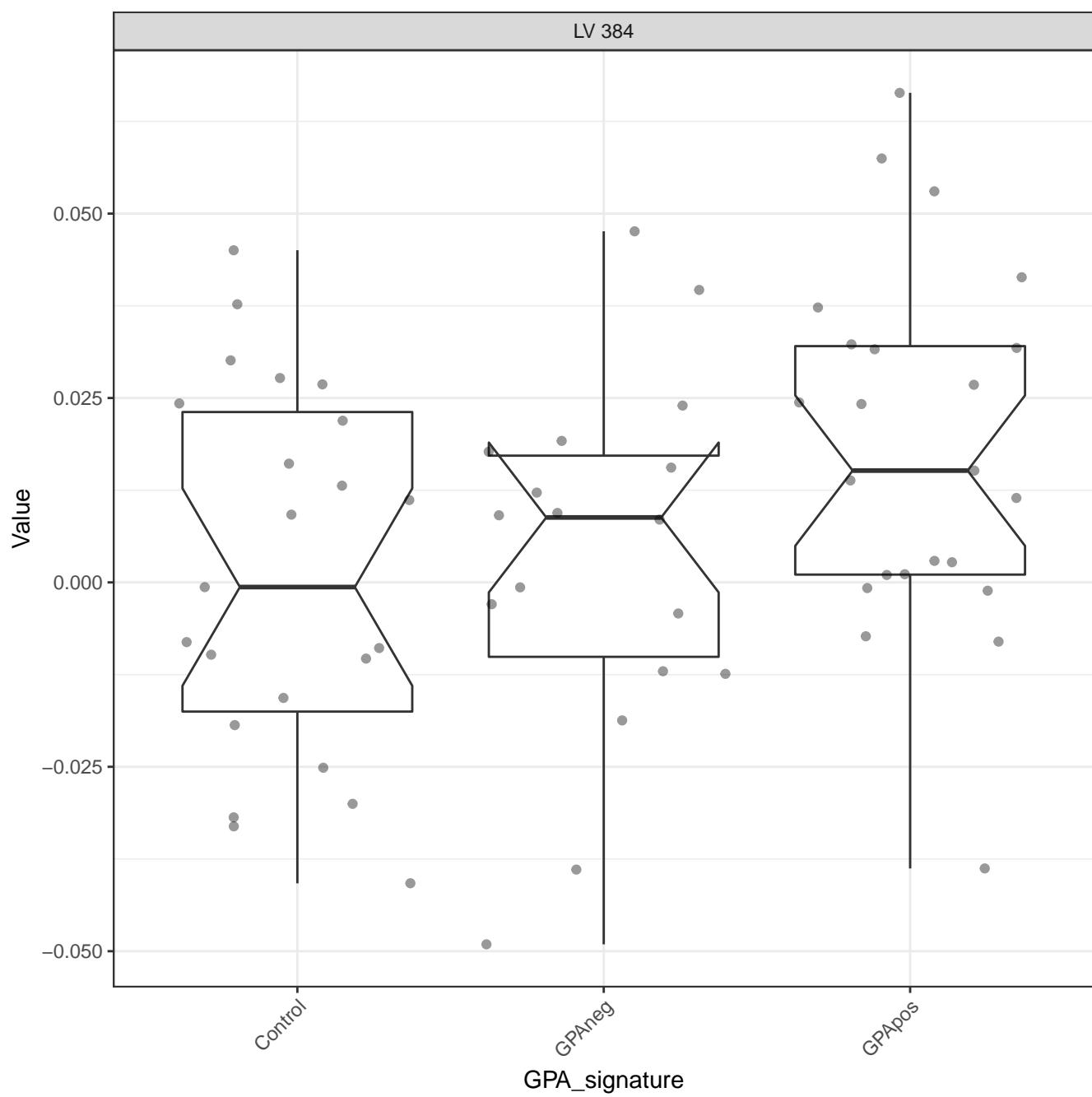
LV 382



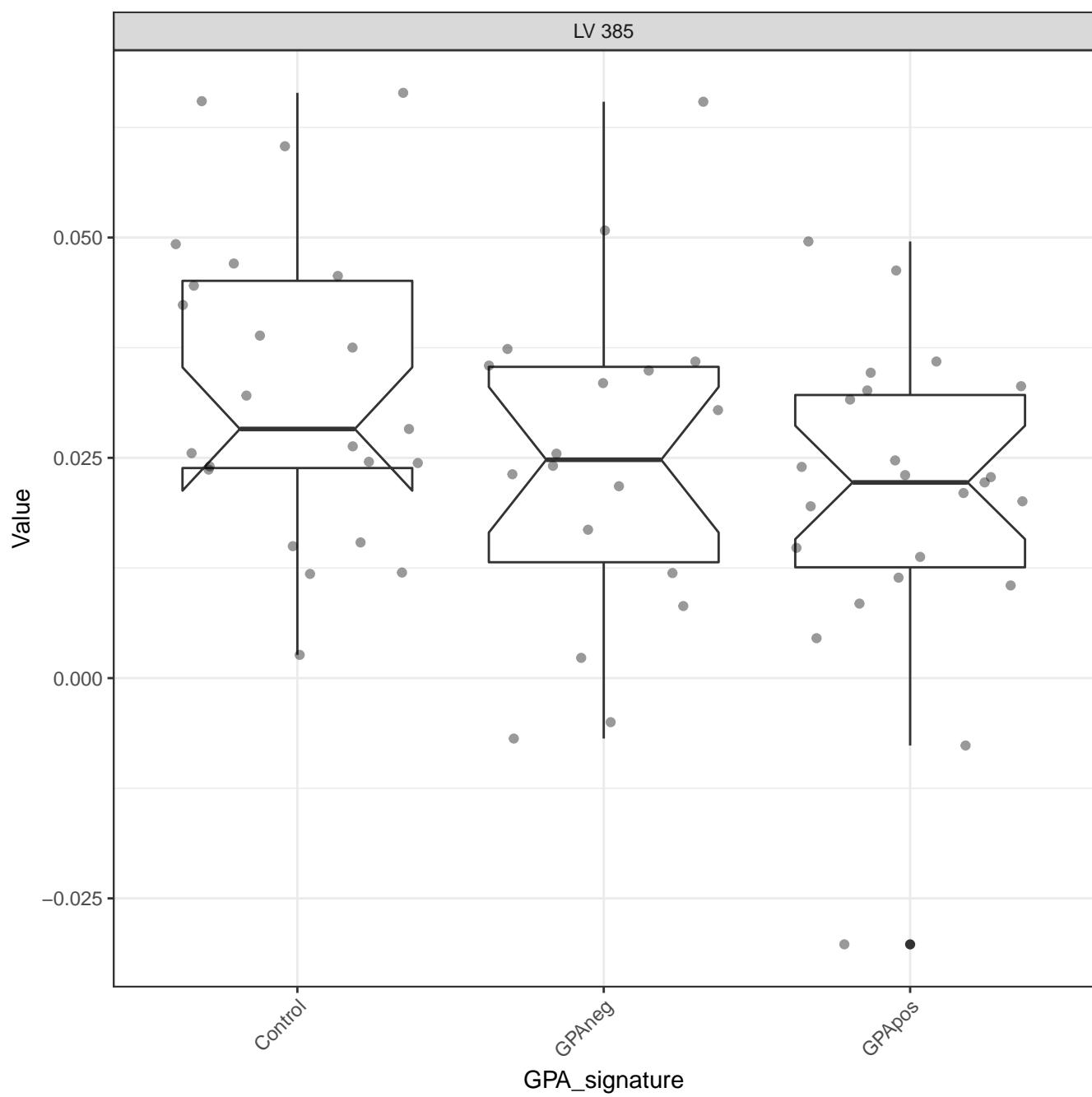
LV 383



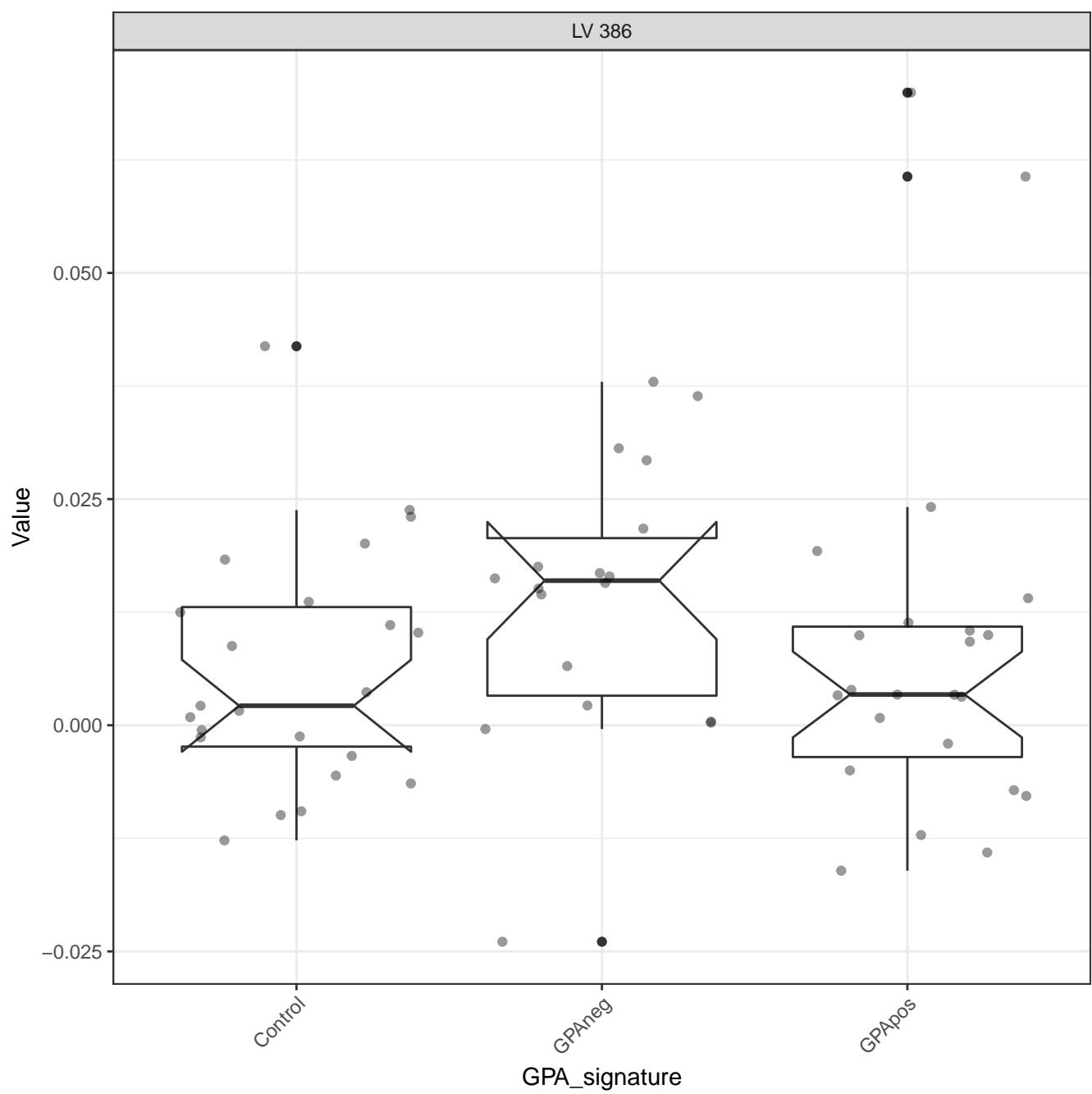
LV 384

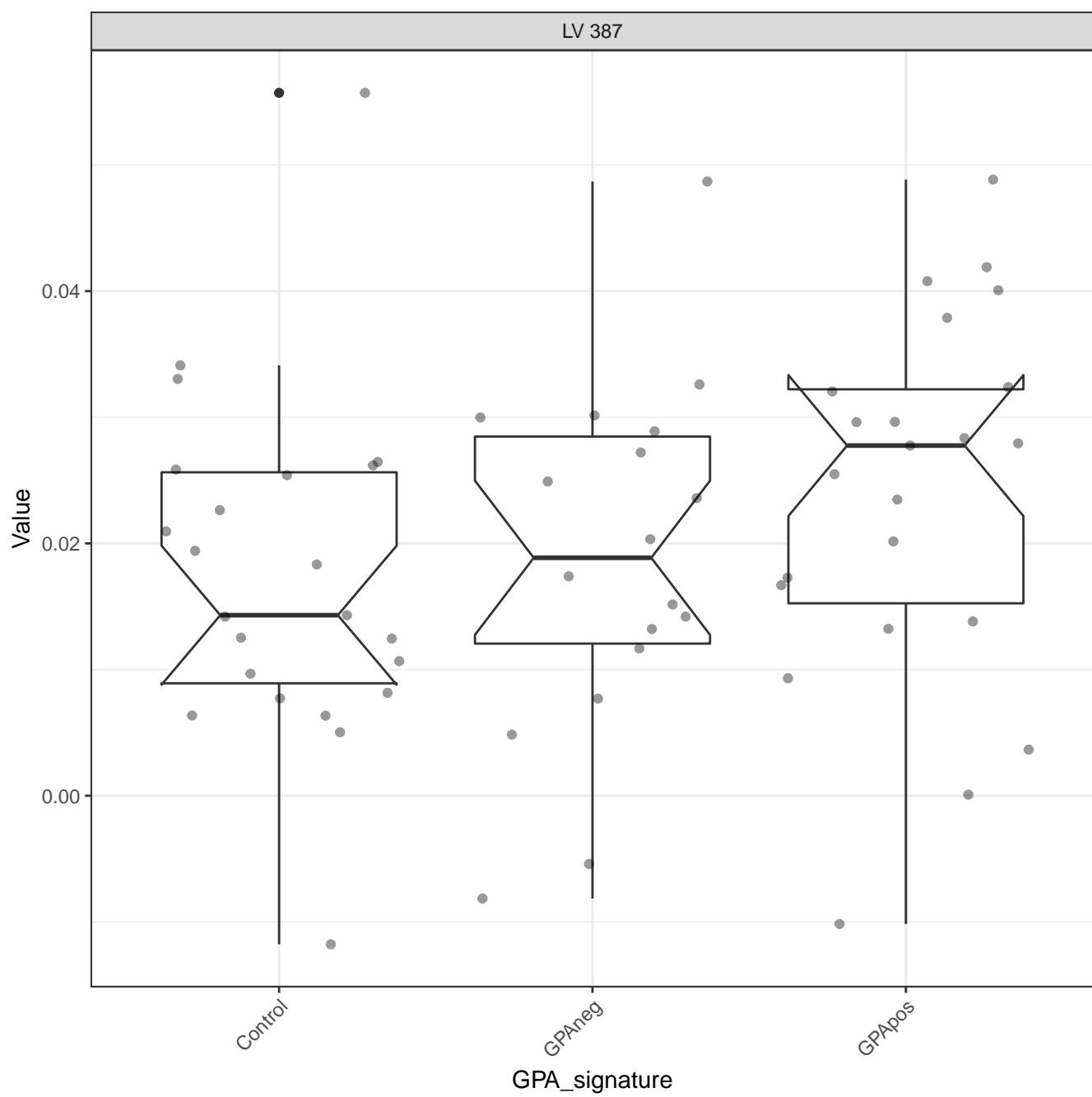


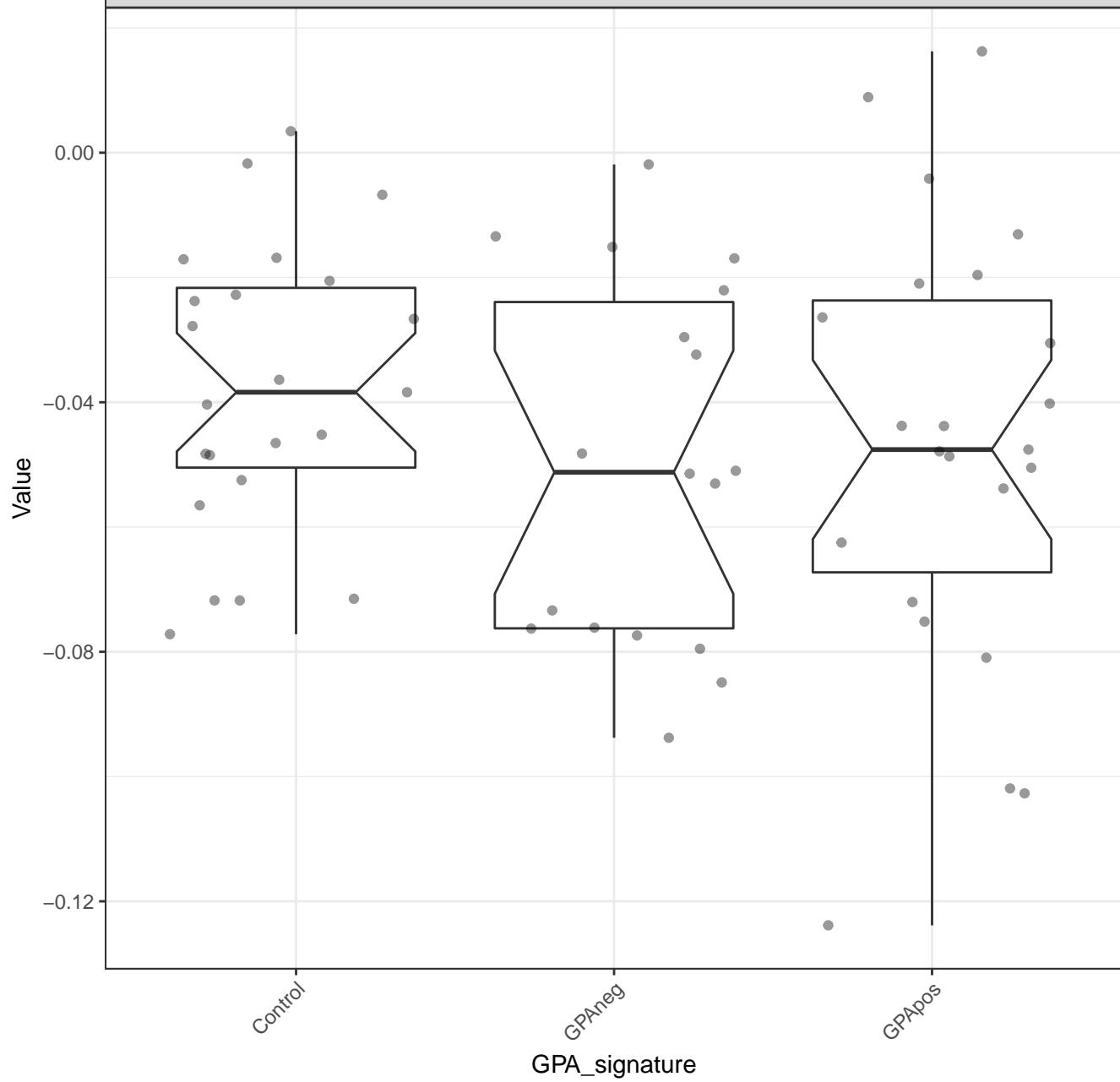
LV 385



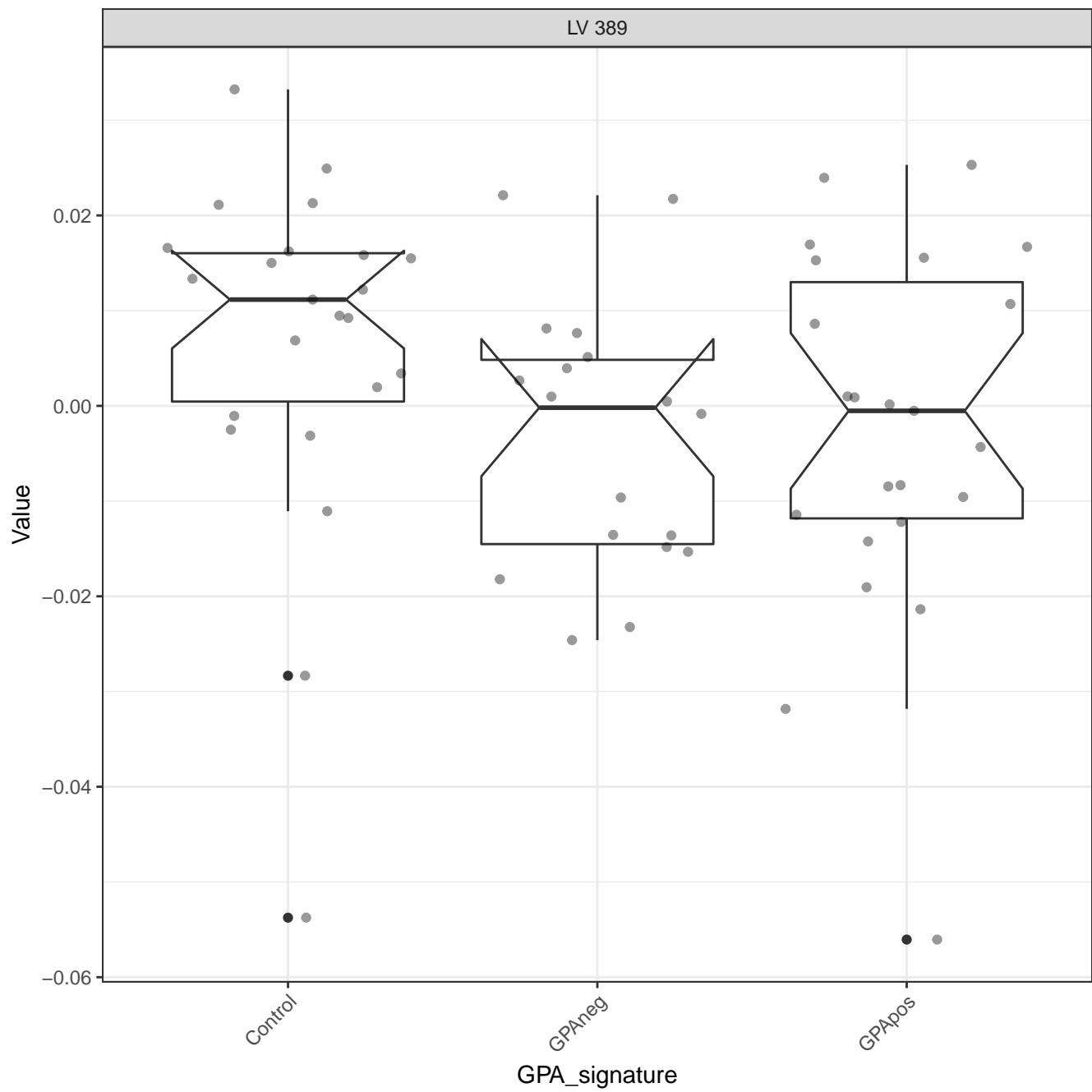
LV 386



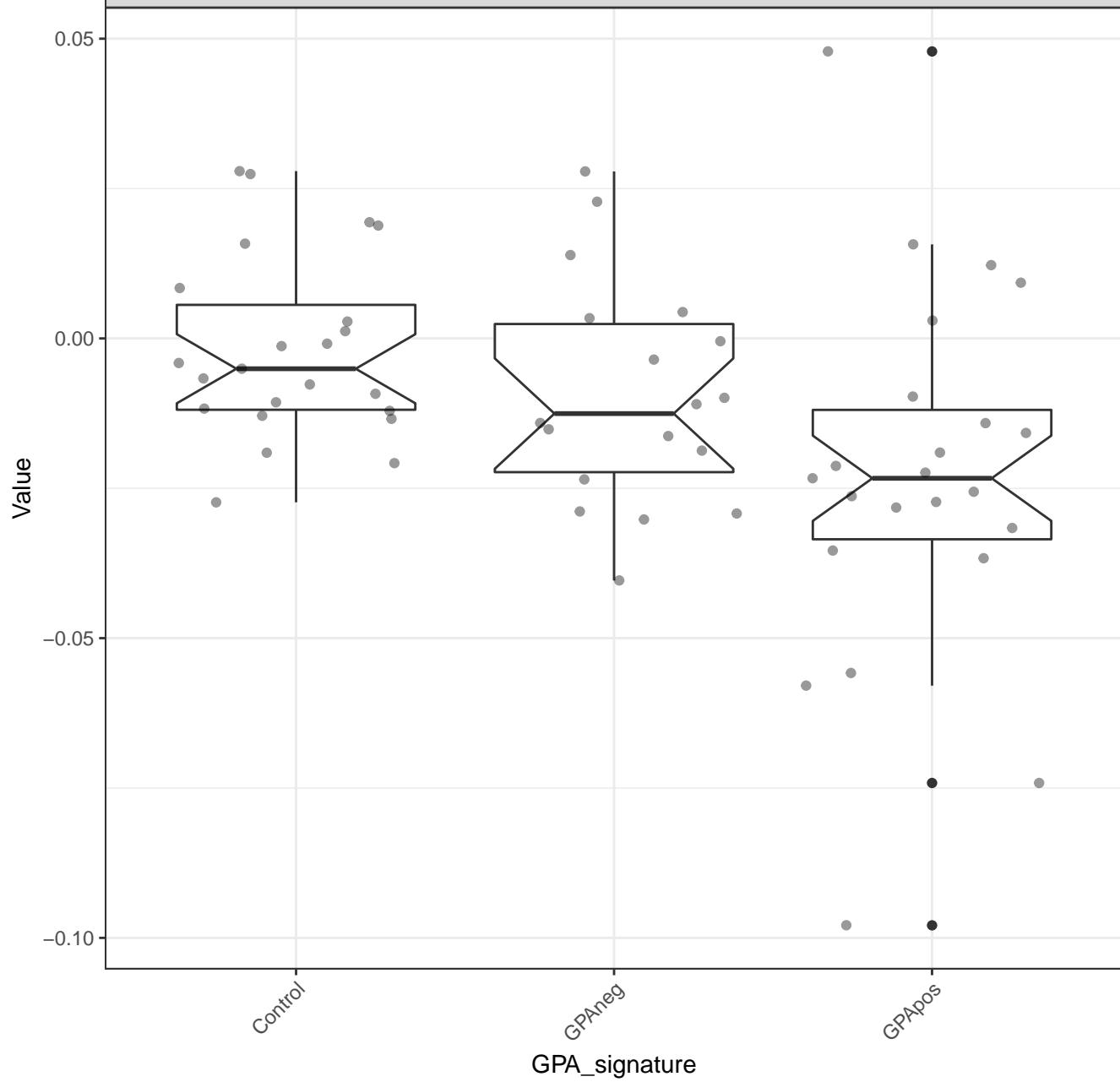




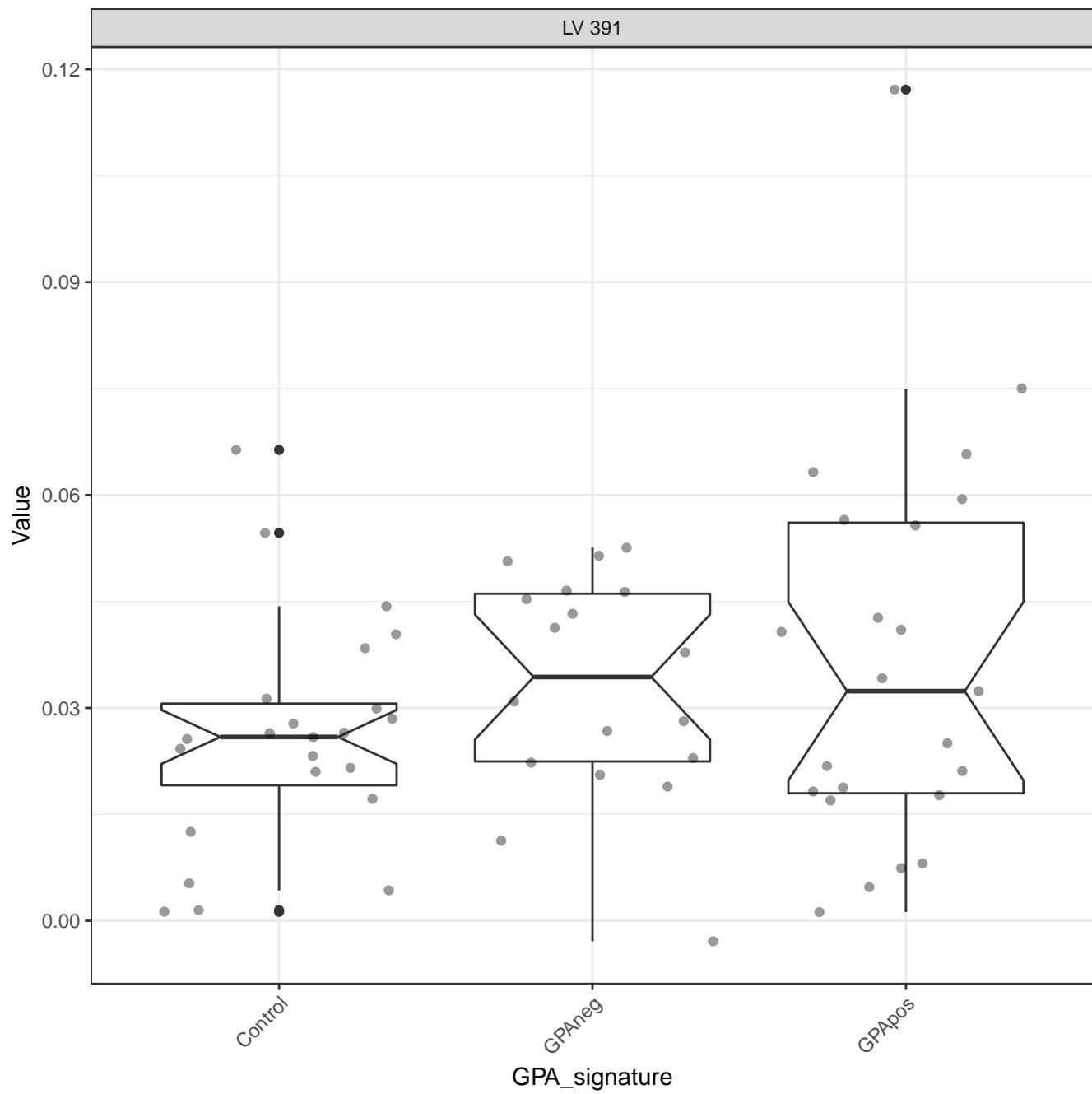
LV 389



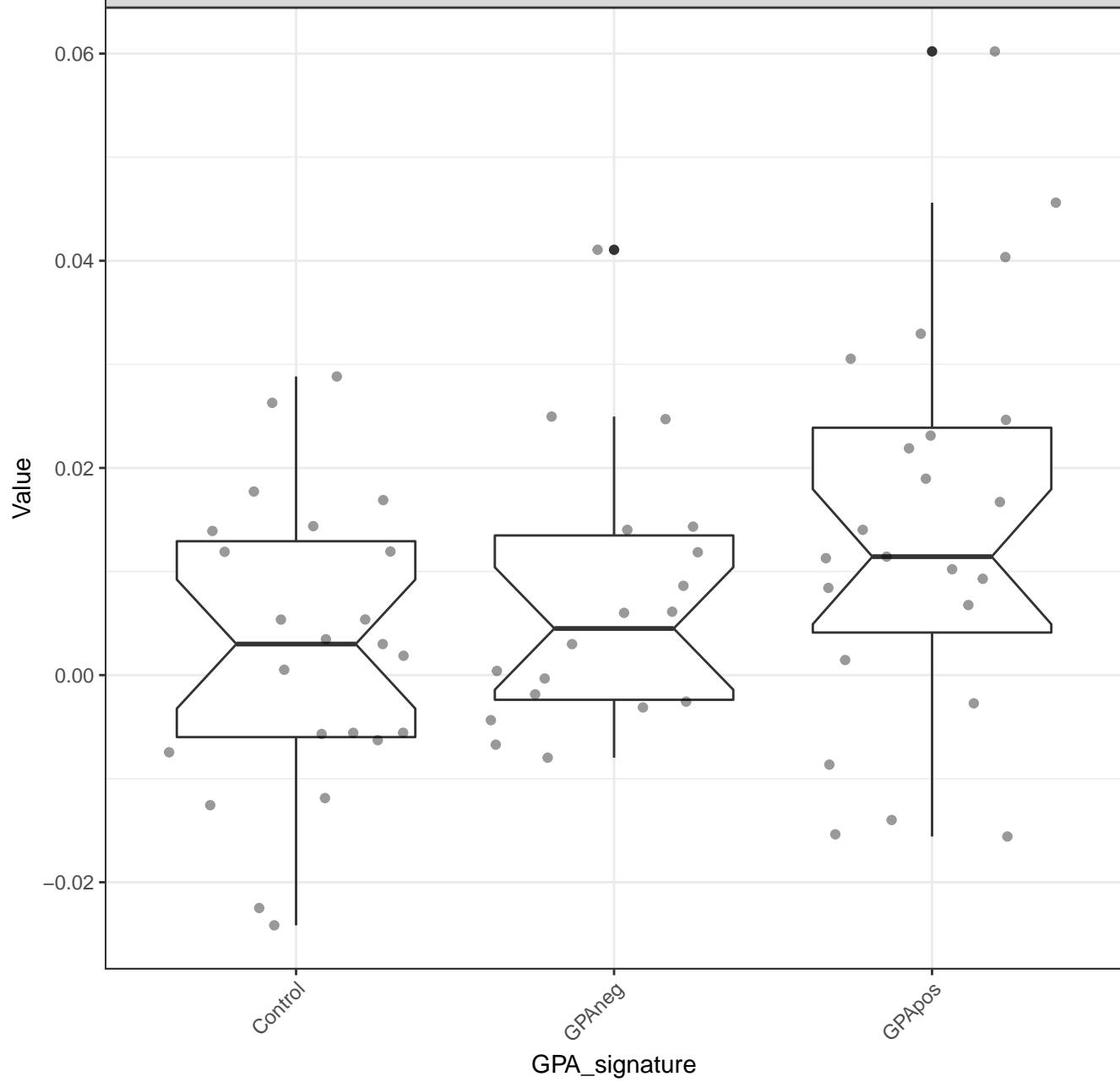
LV 390

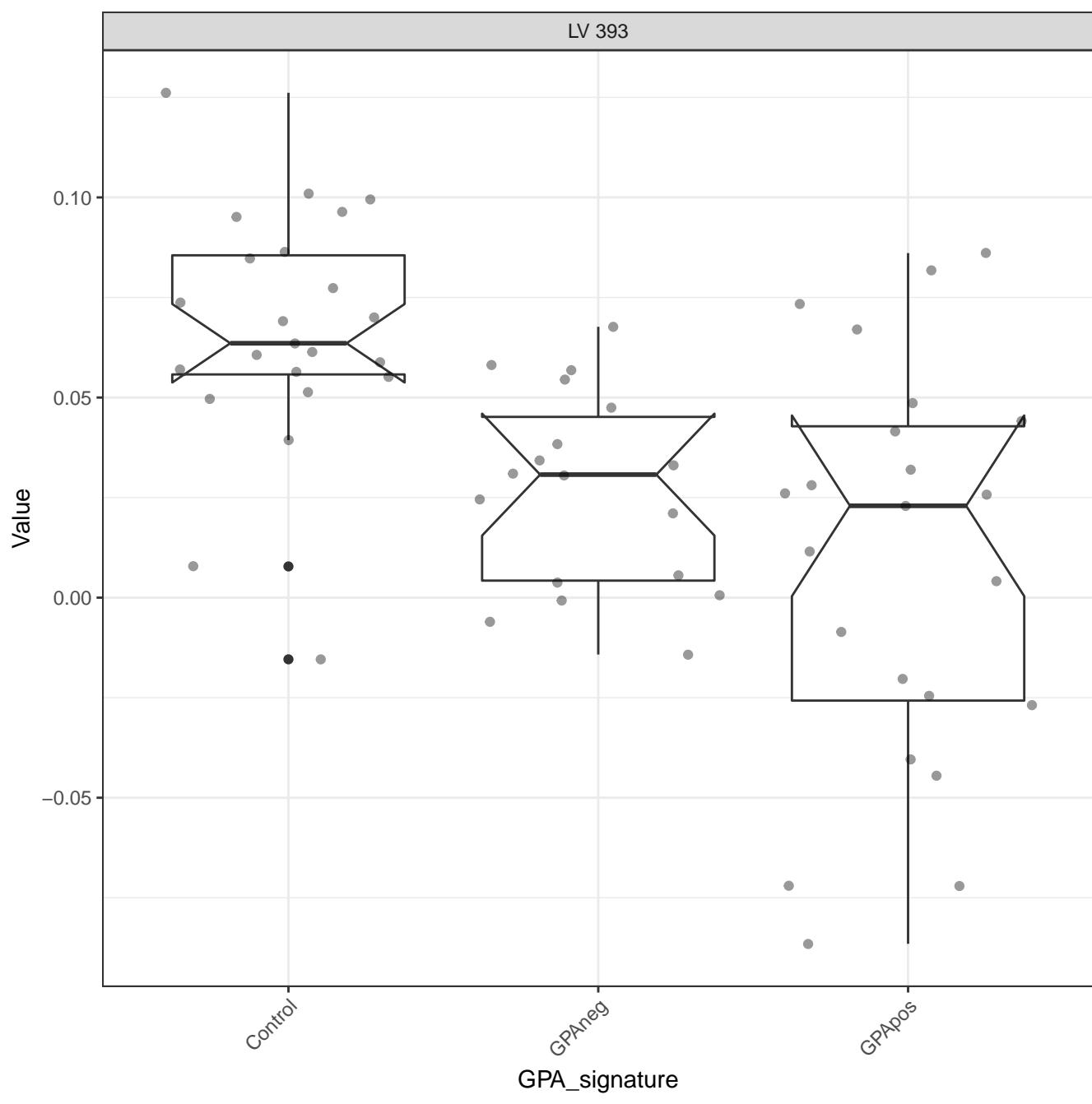


LV 391

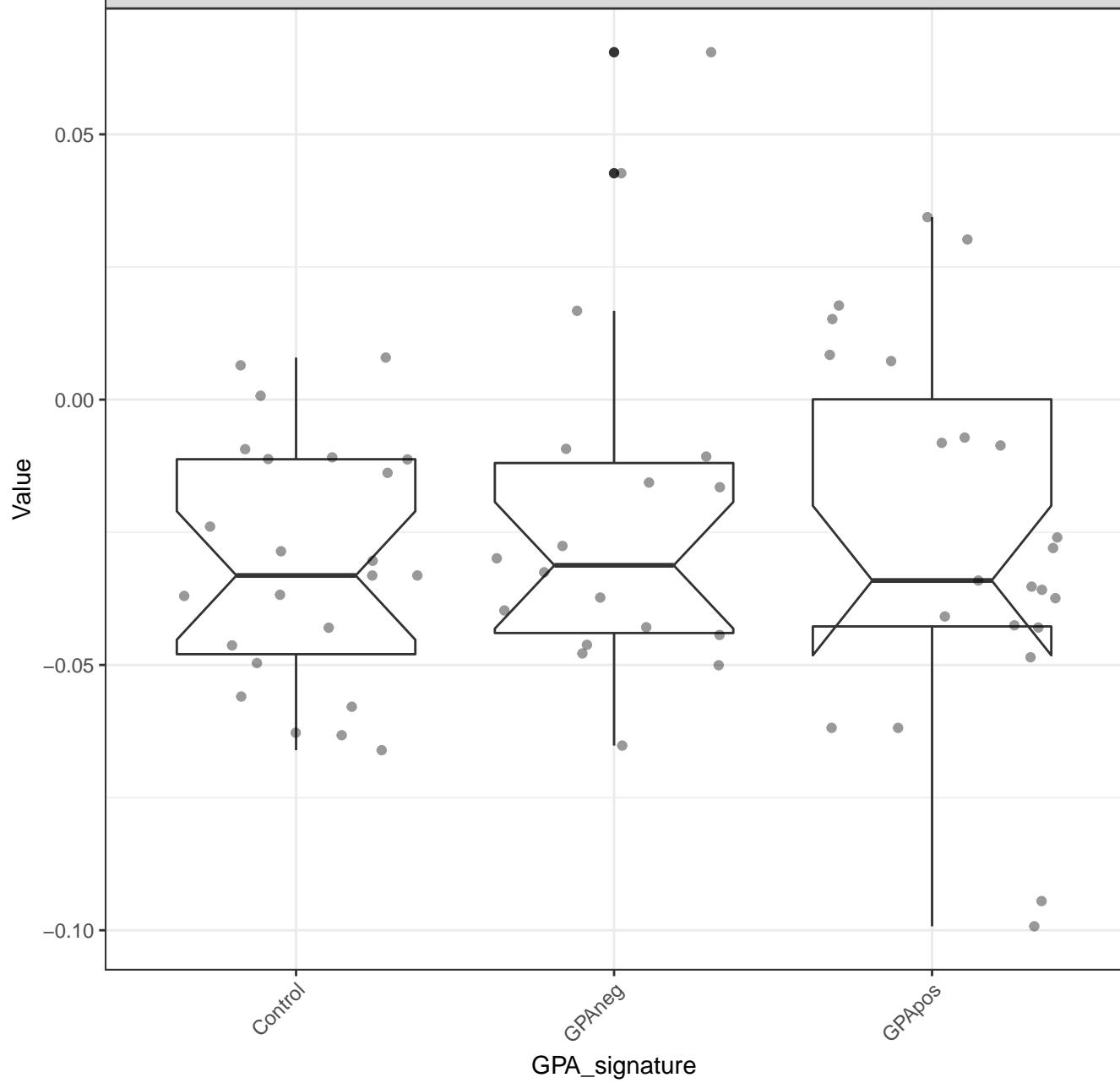


LV 392





LV 394



LV 395

Value

0.1

0.0

-0.1

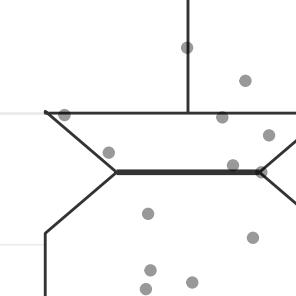
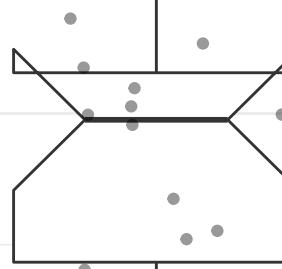
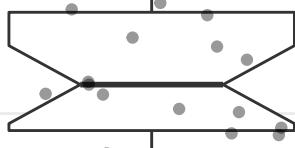
-0.2

Control

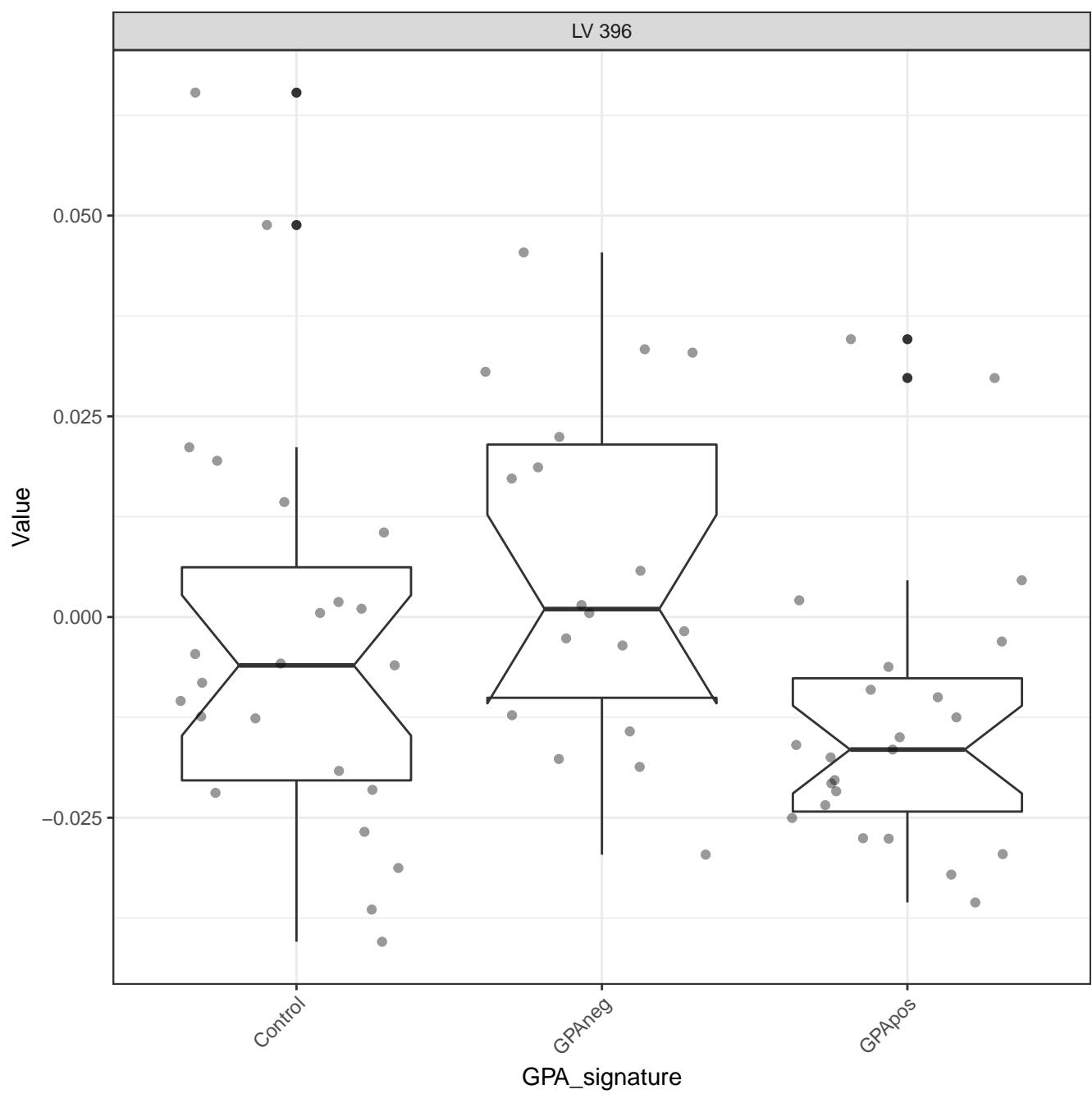
GPAneg

GPAPos

GPA_signature



LV 396



LV 397

Value

0.05

0.00

-0.05

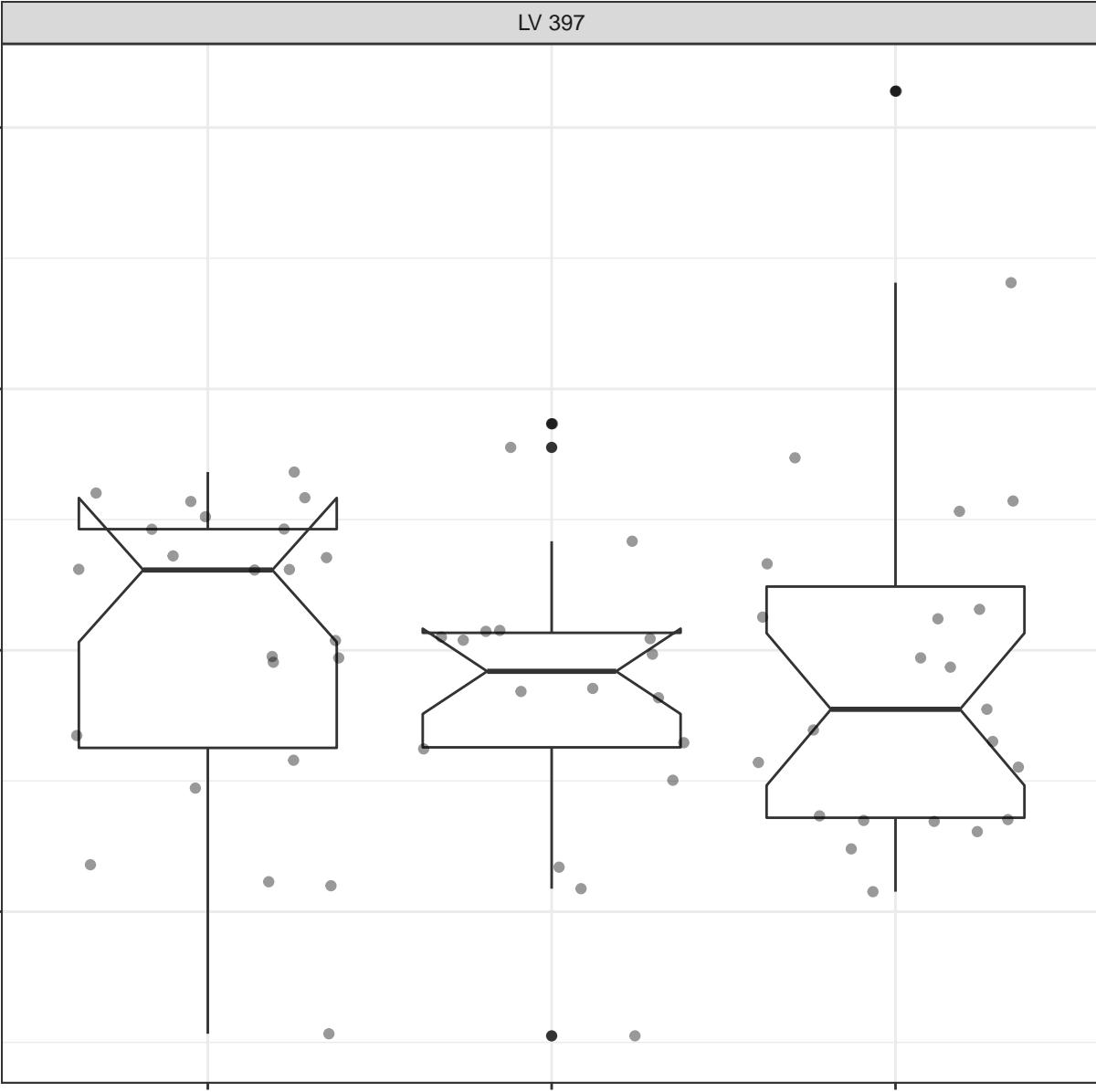
-0.10

Control

GPA_signature

GPAneg

GPApos



LV 398

Value

0.04

0.00

-0.04

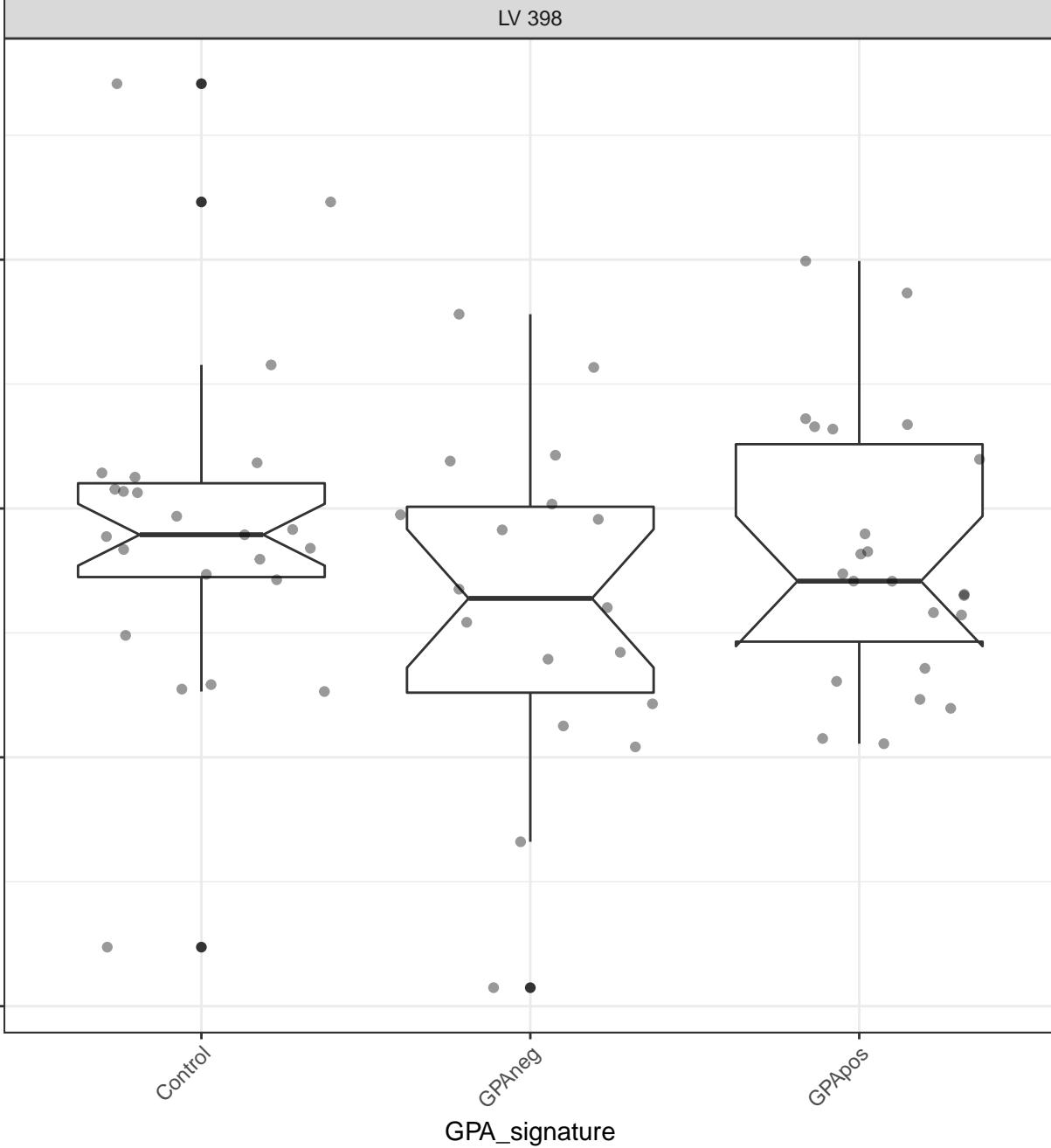
-0.08

Control

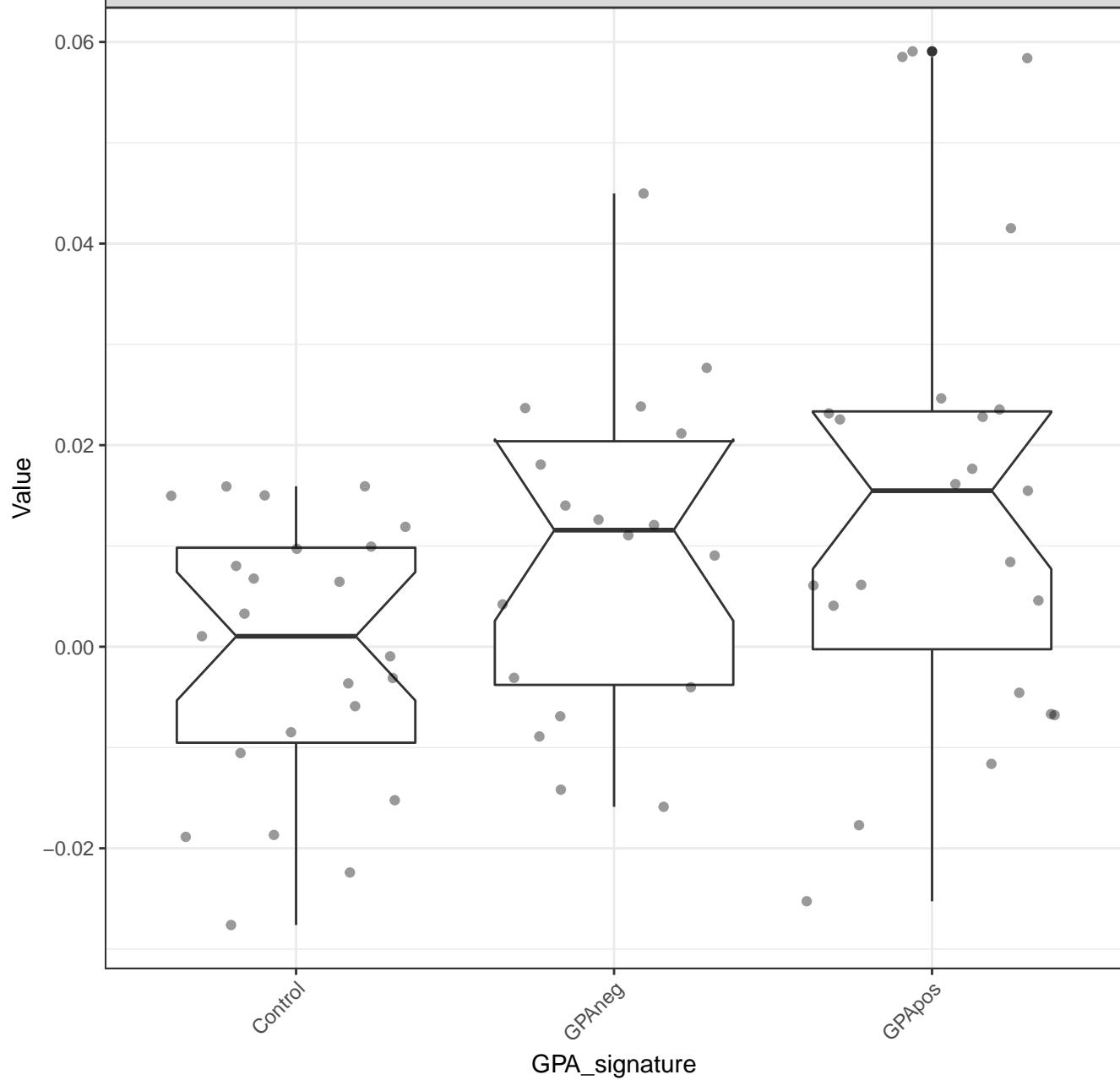
GPAneg

GPApos

GPA_signature



LV 399



LV 400

Value

0.025

0.000

-0.025

-0.050

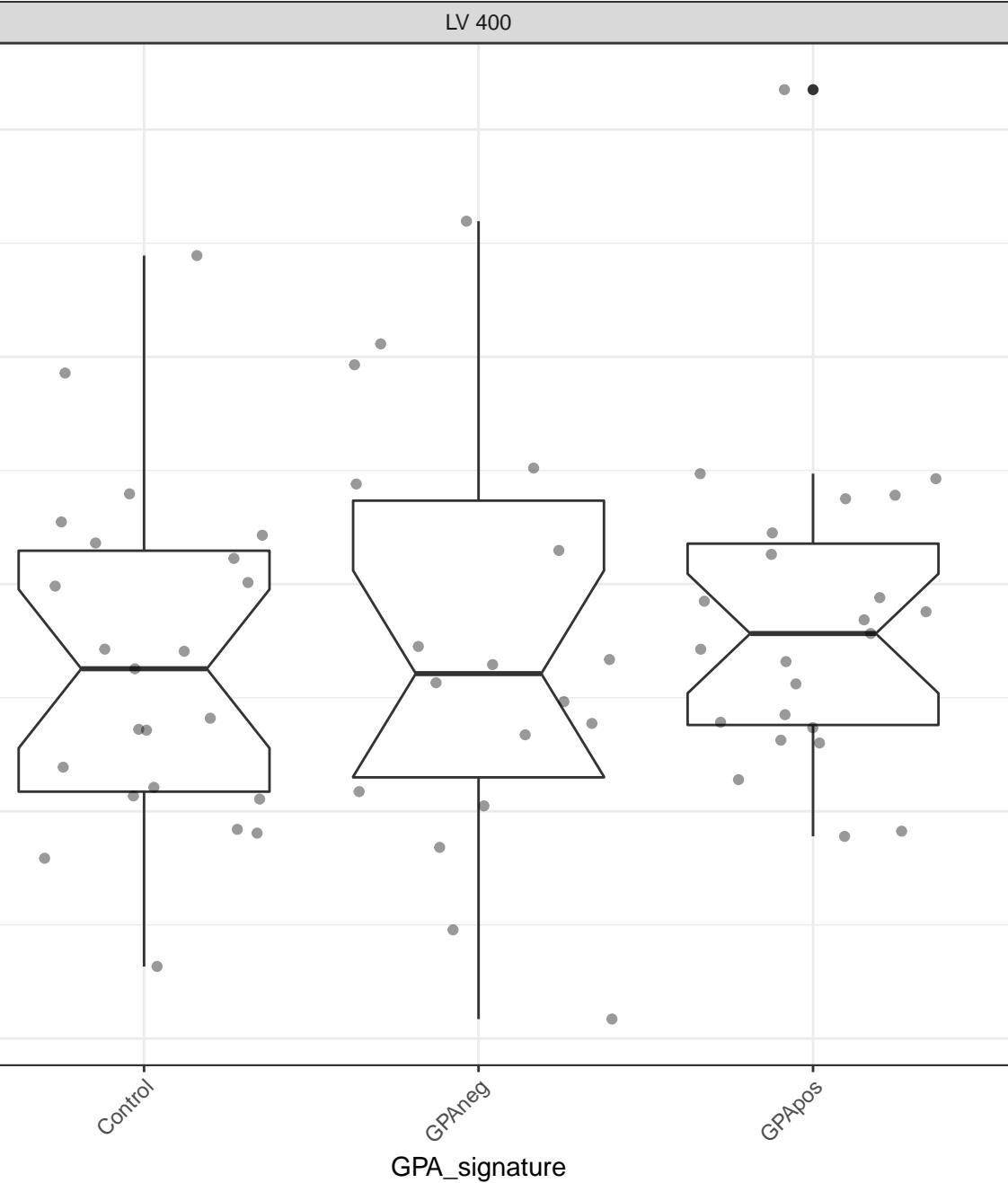
-0.075

Control

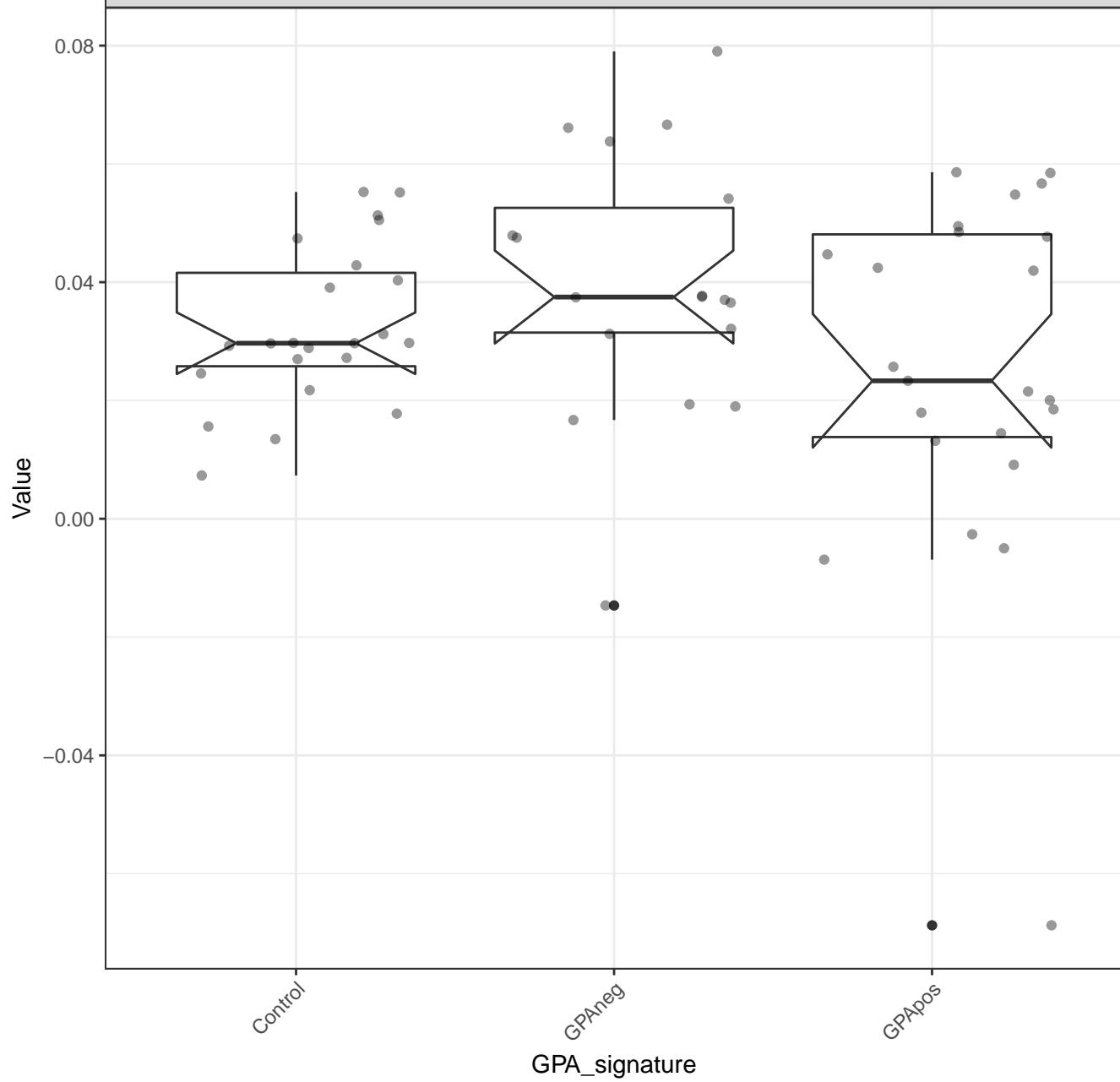
GPA_signature

GPAneg

GPAPos



LV 401



LV 402

Value

0.050

0.025

0.000

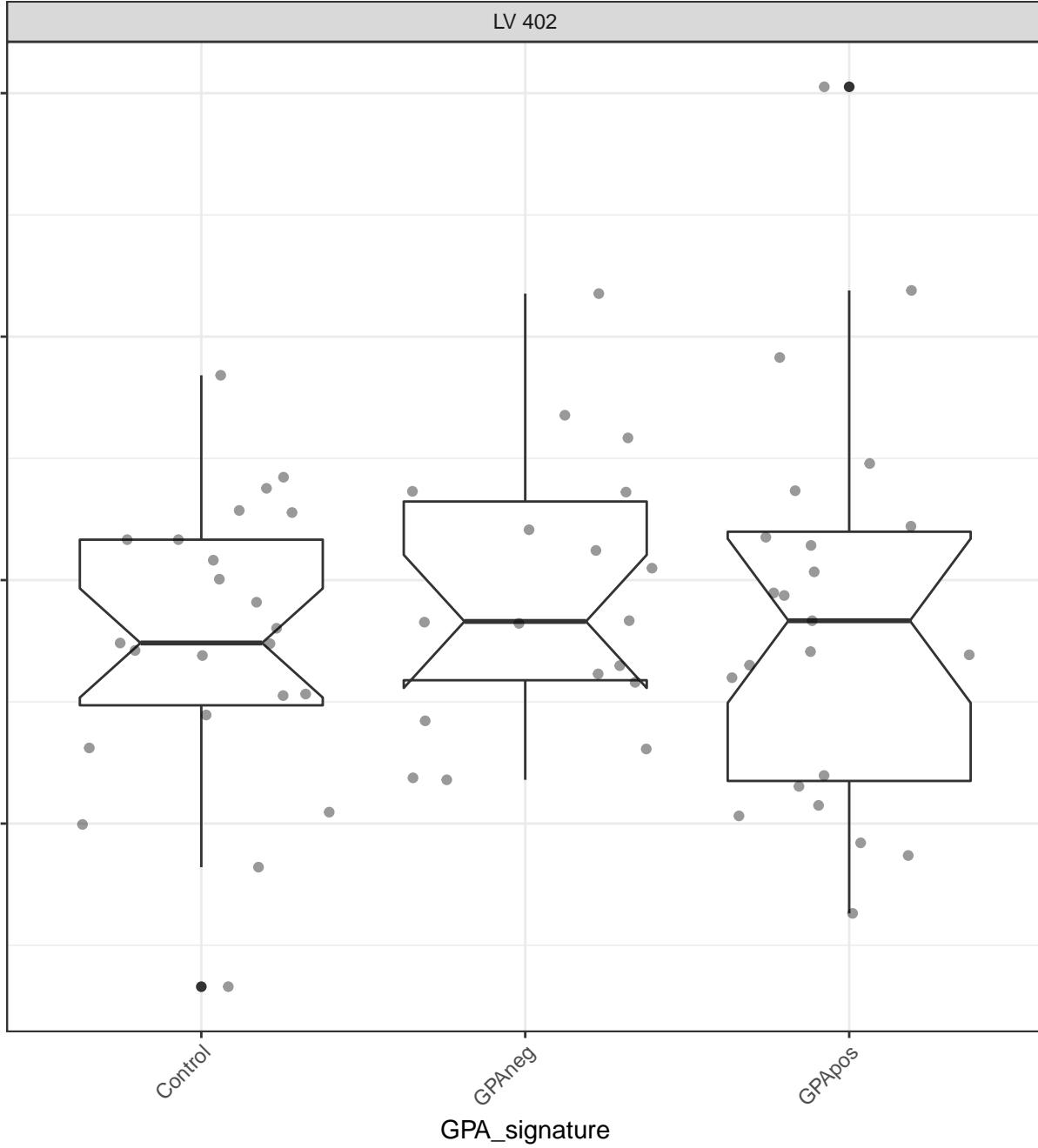
-0.025

Control

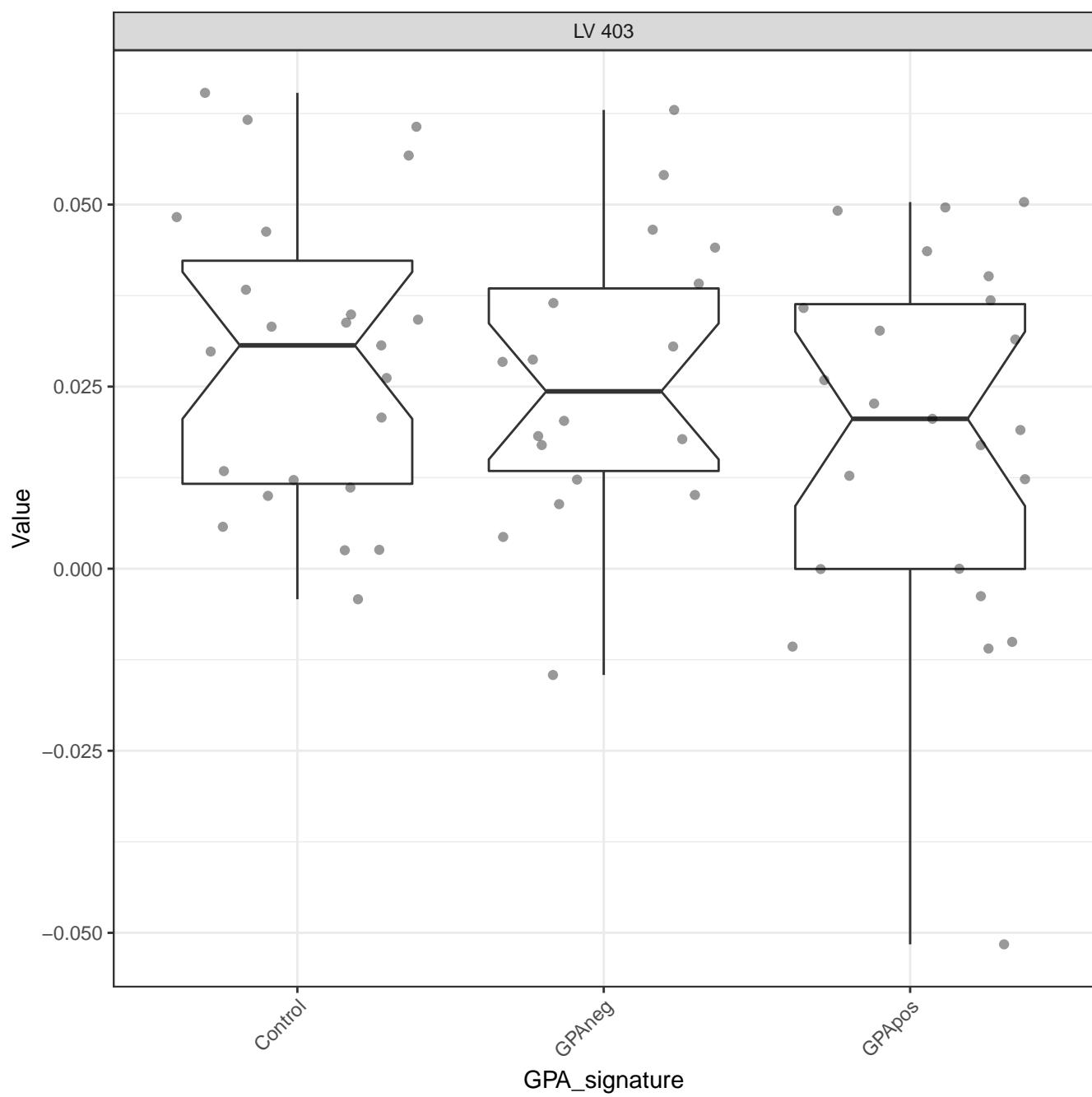
GPAneg

GPAPos

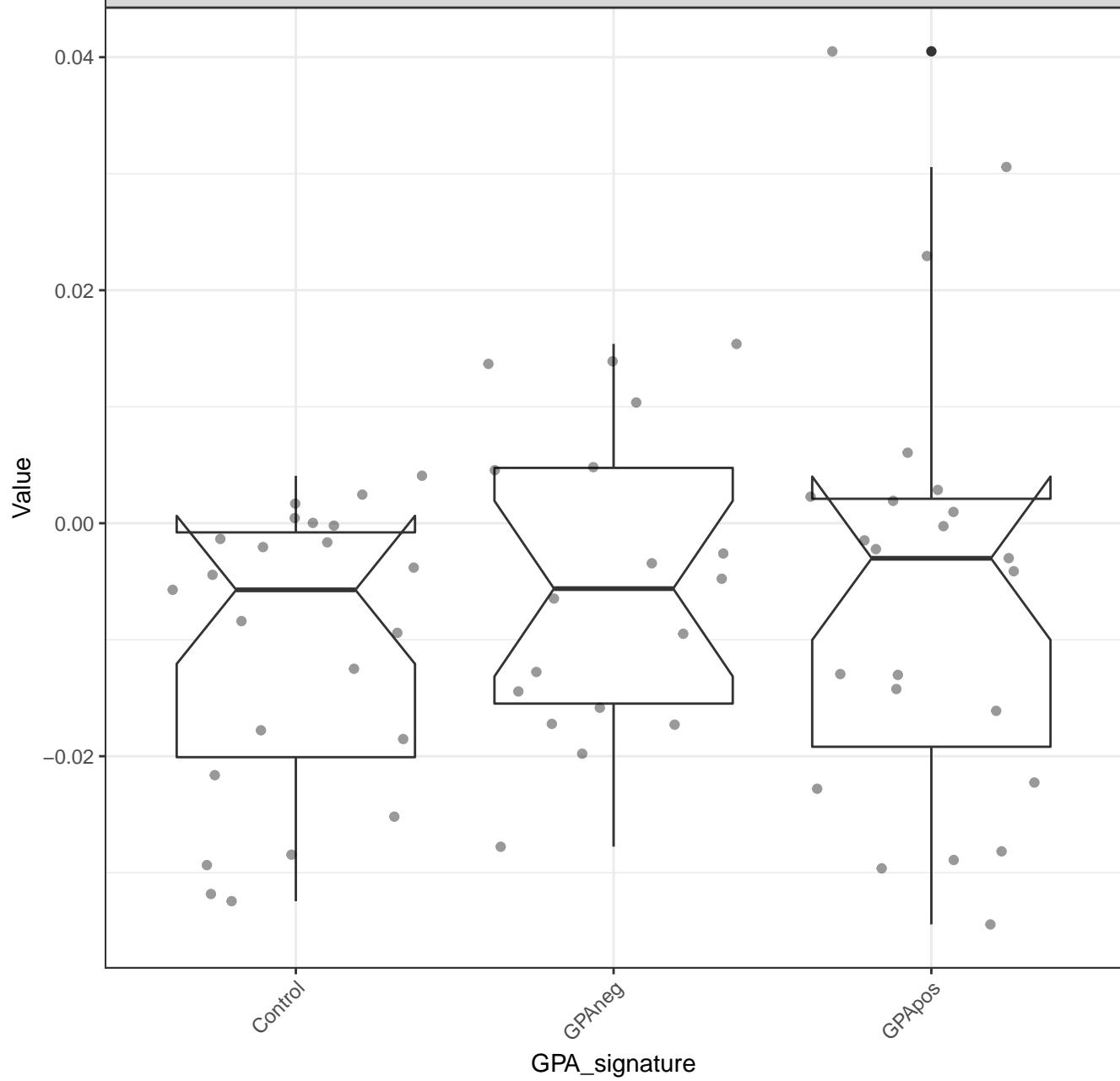
GPA_signature



LV 403



LV 404



LV 405

Value

0.025

0.010

-0.025

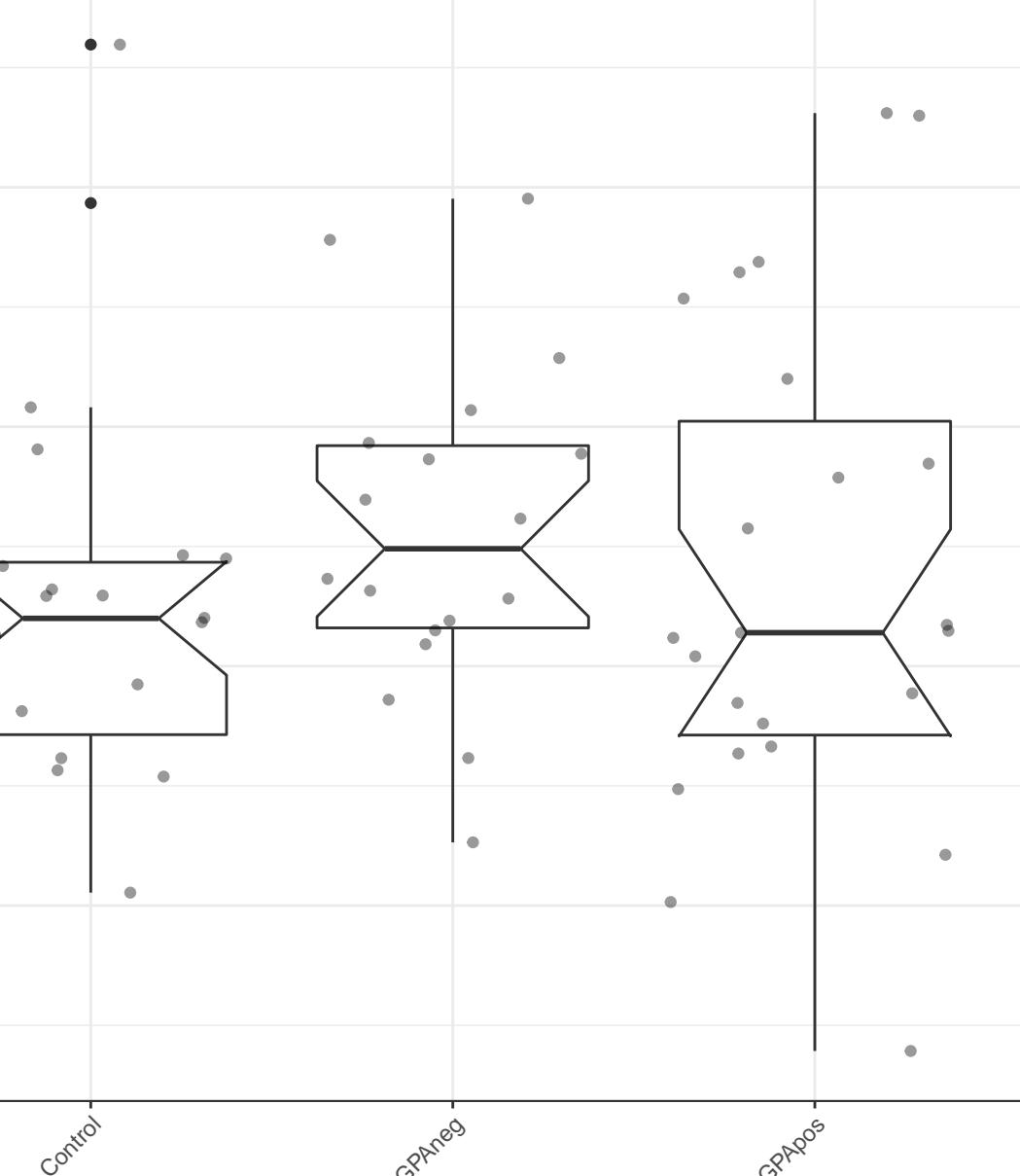
-0.050

Control

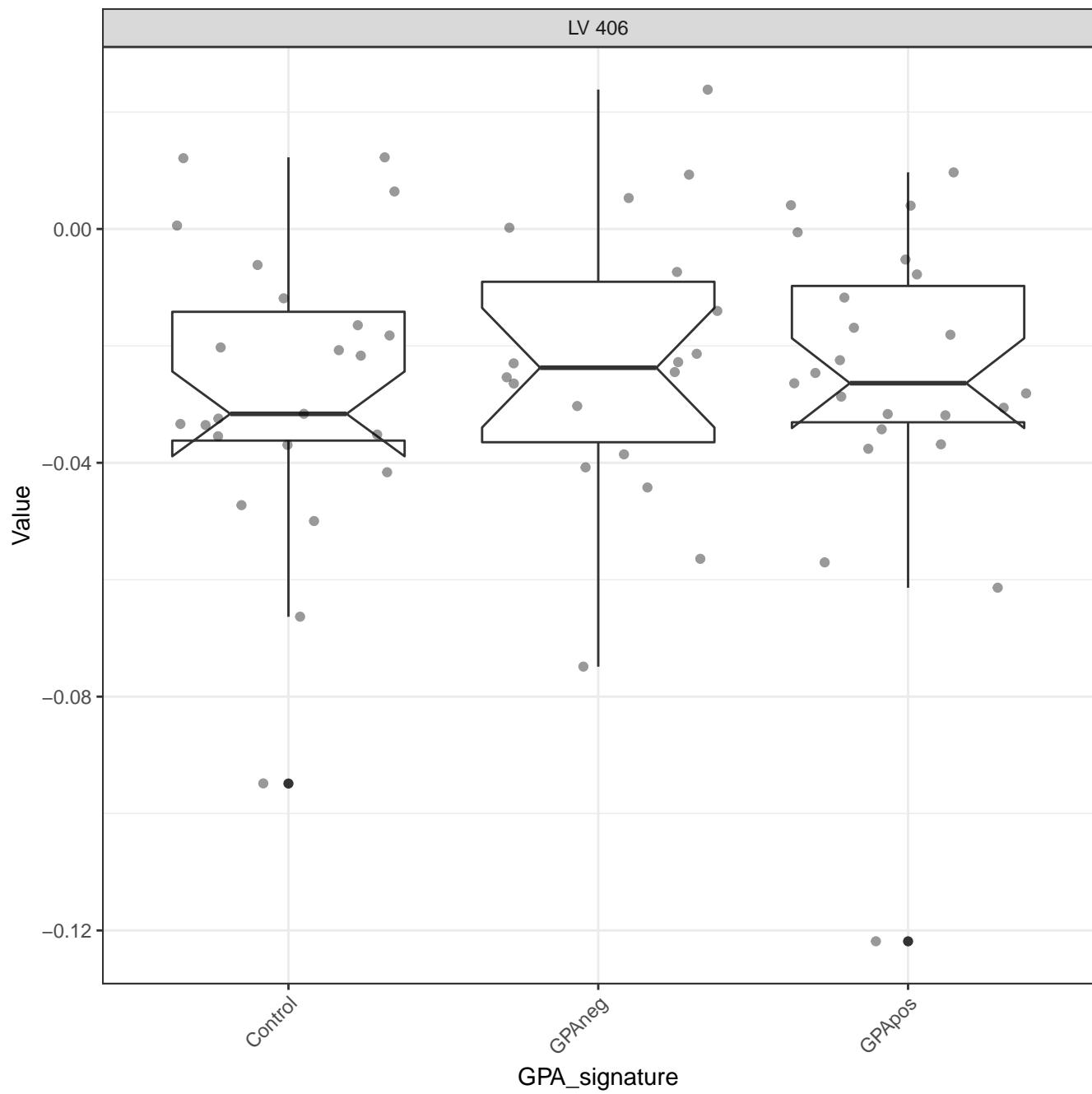
GPA_signature

GPAneg

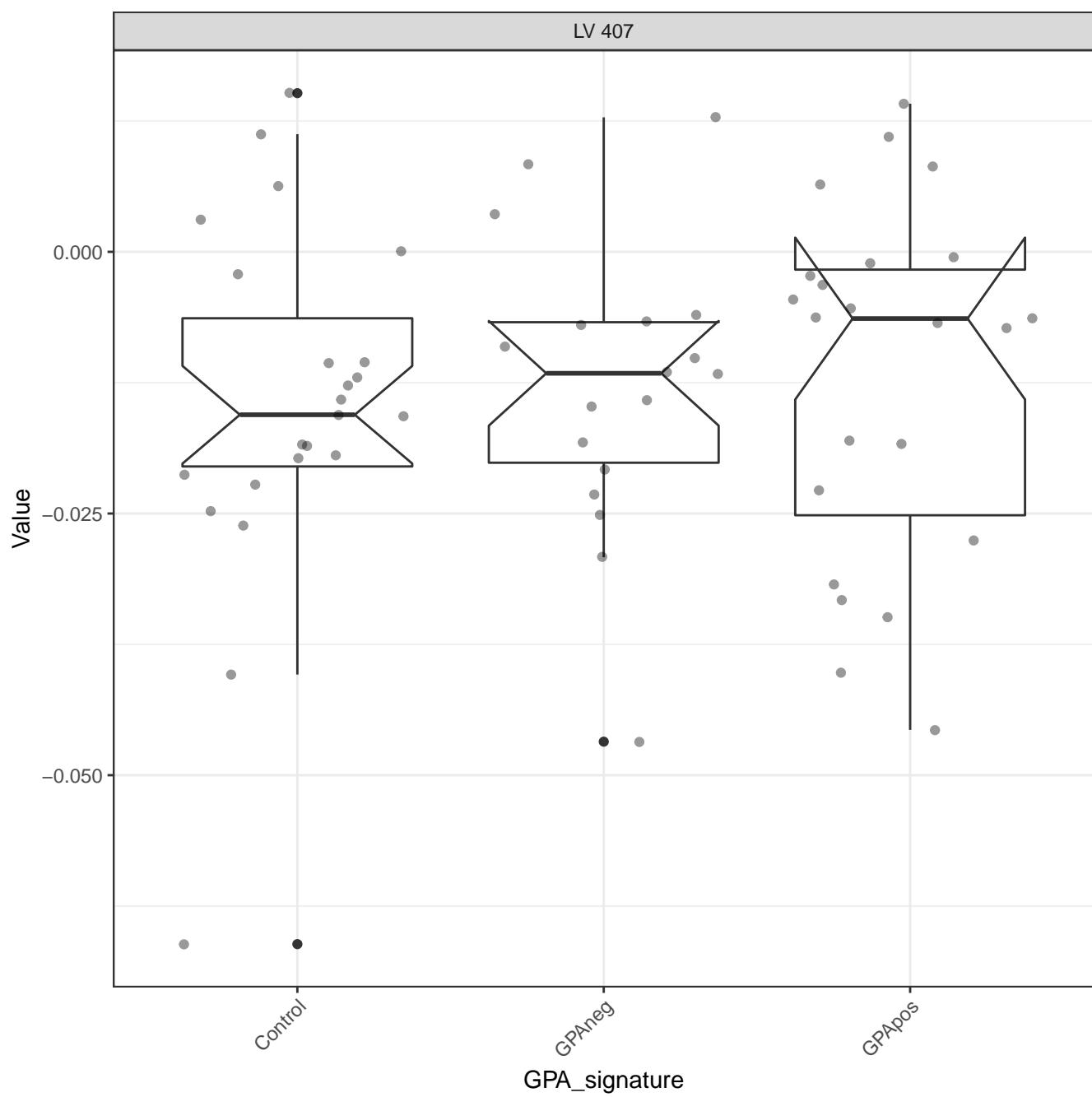
GPAPos



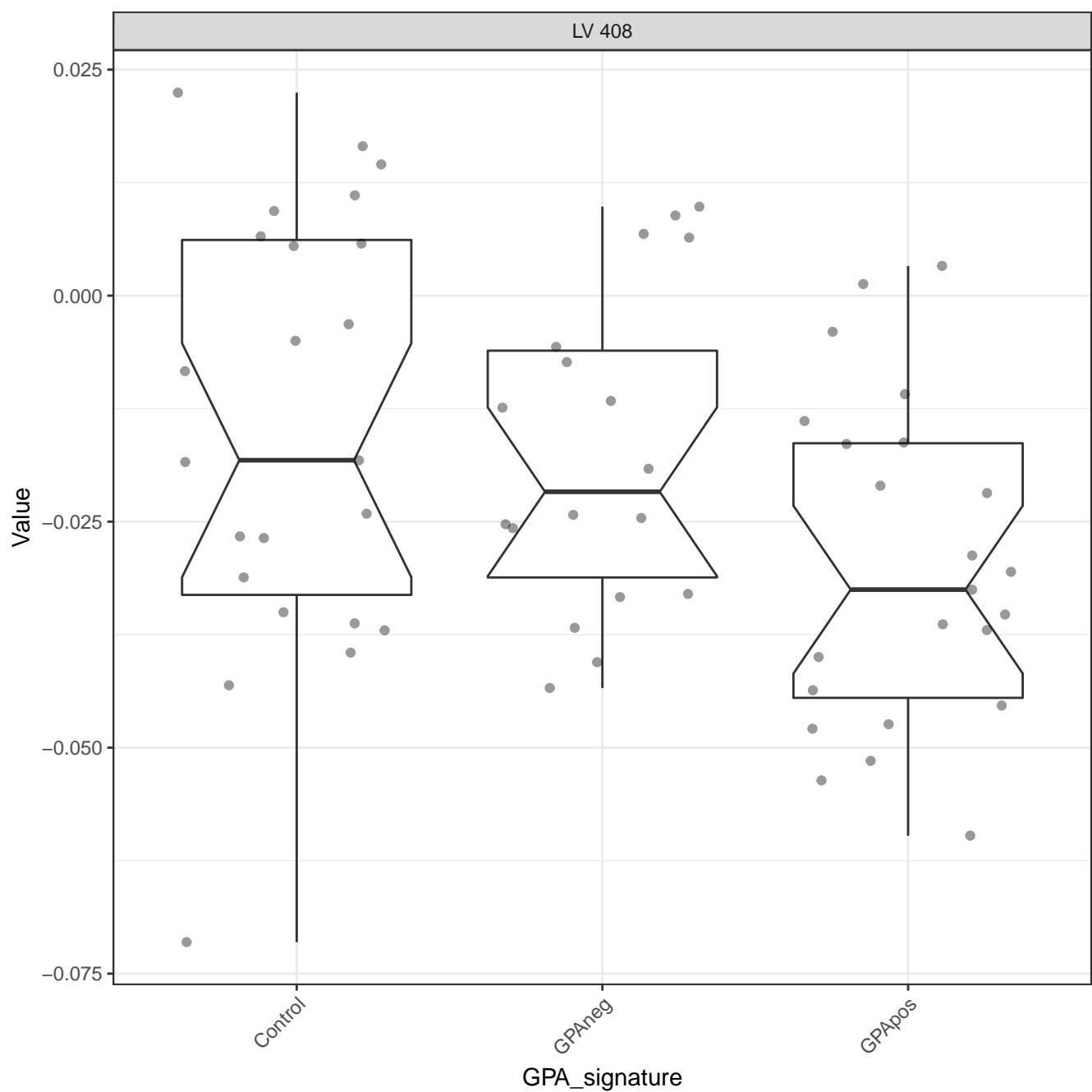
LV 406



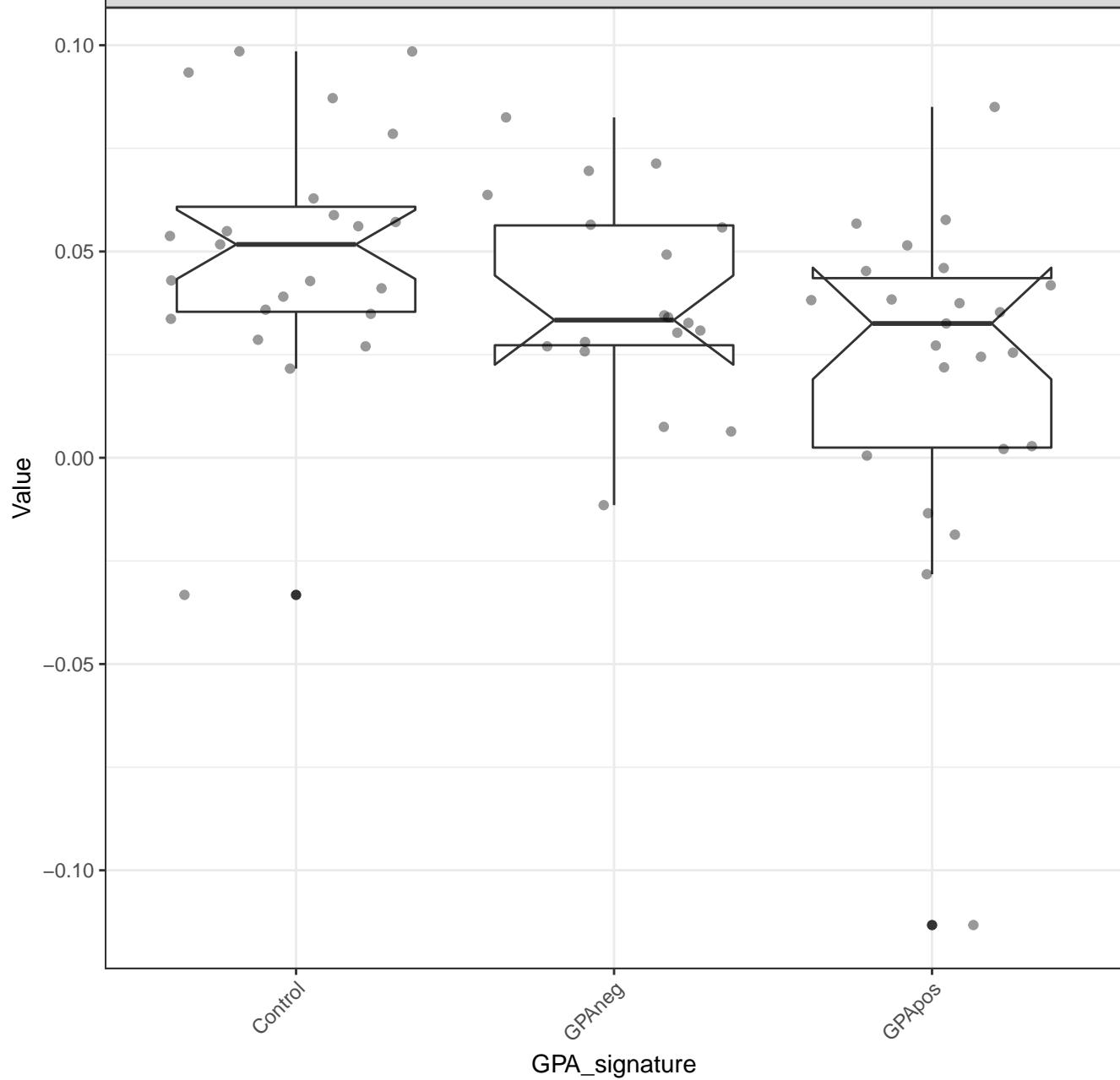
LV 407

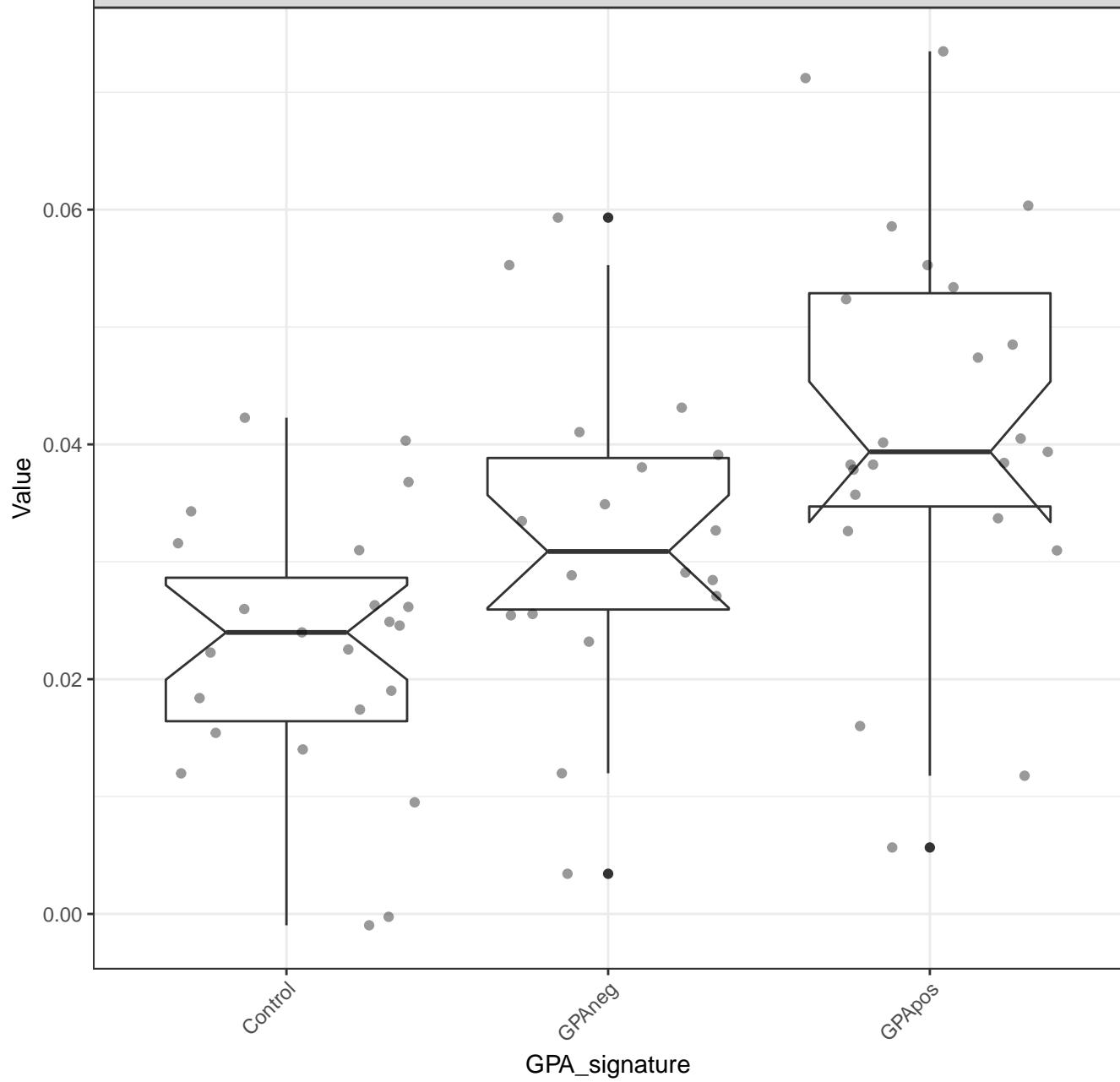


LV 408

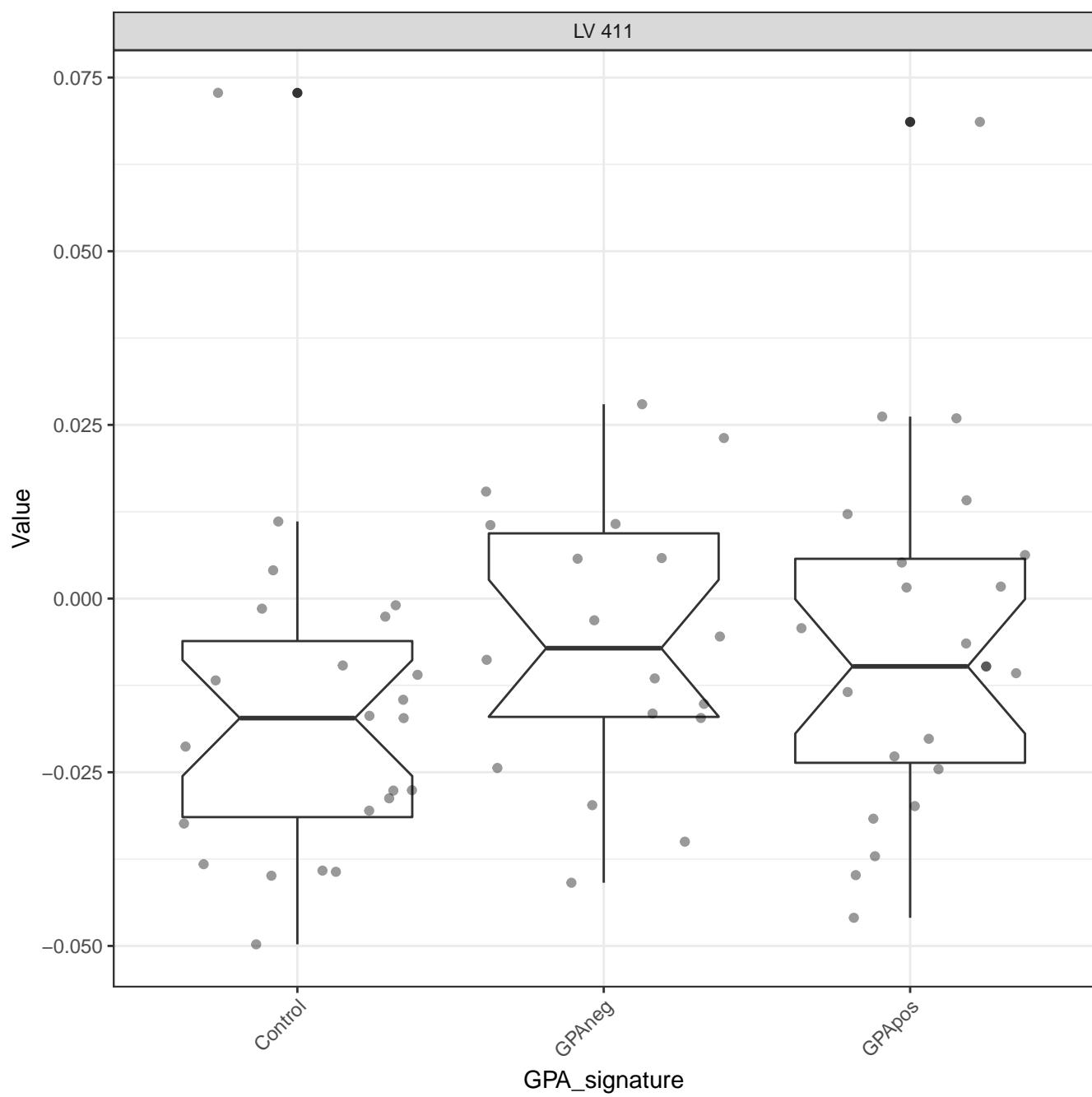


LV 409

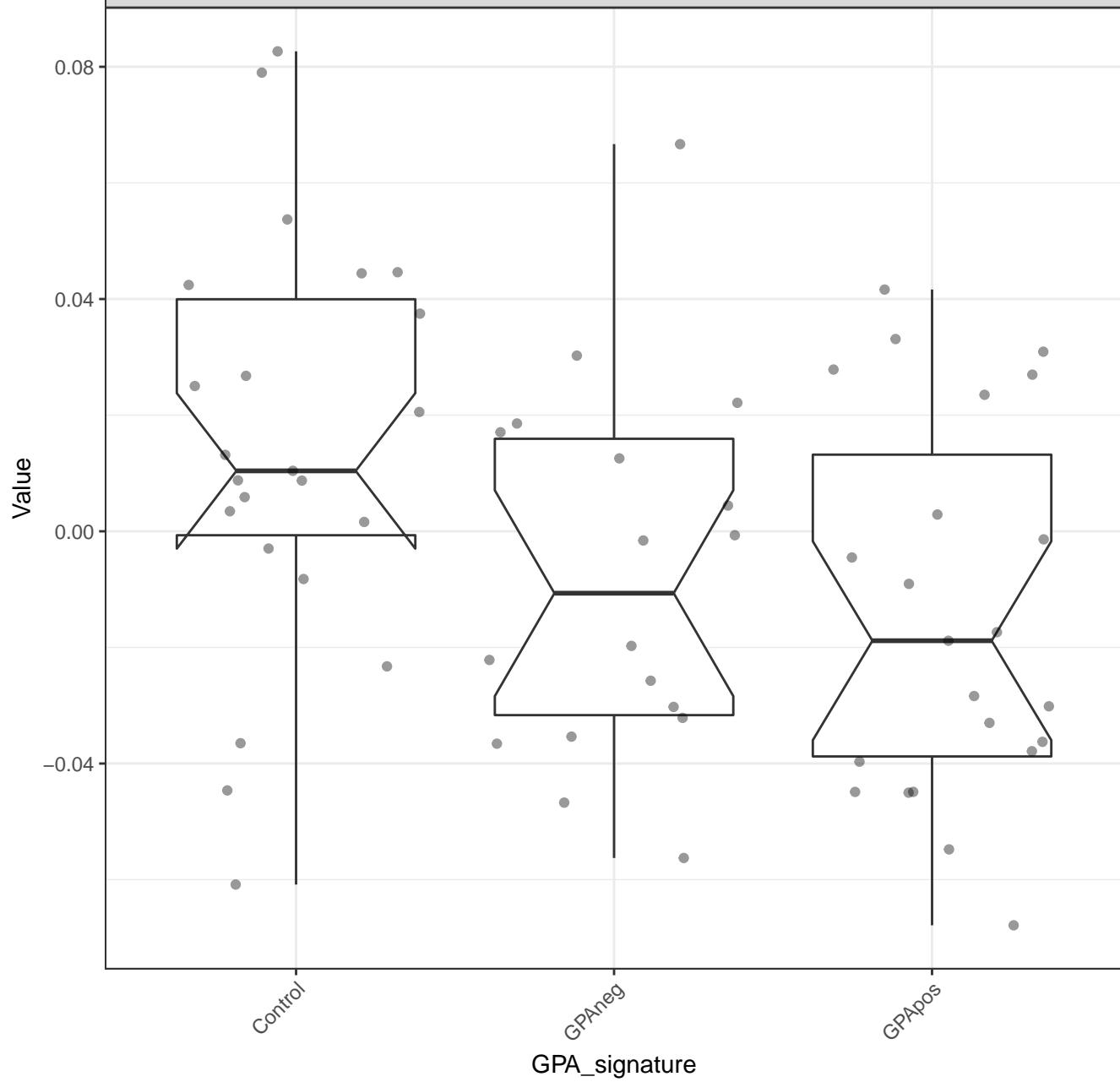




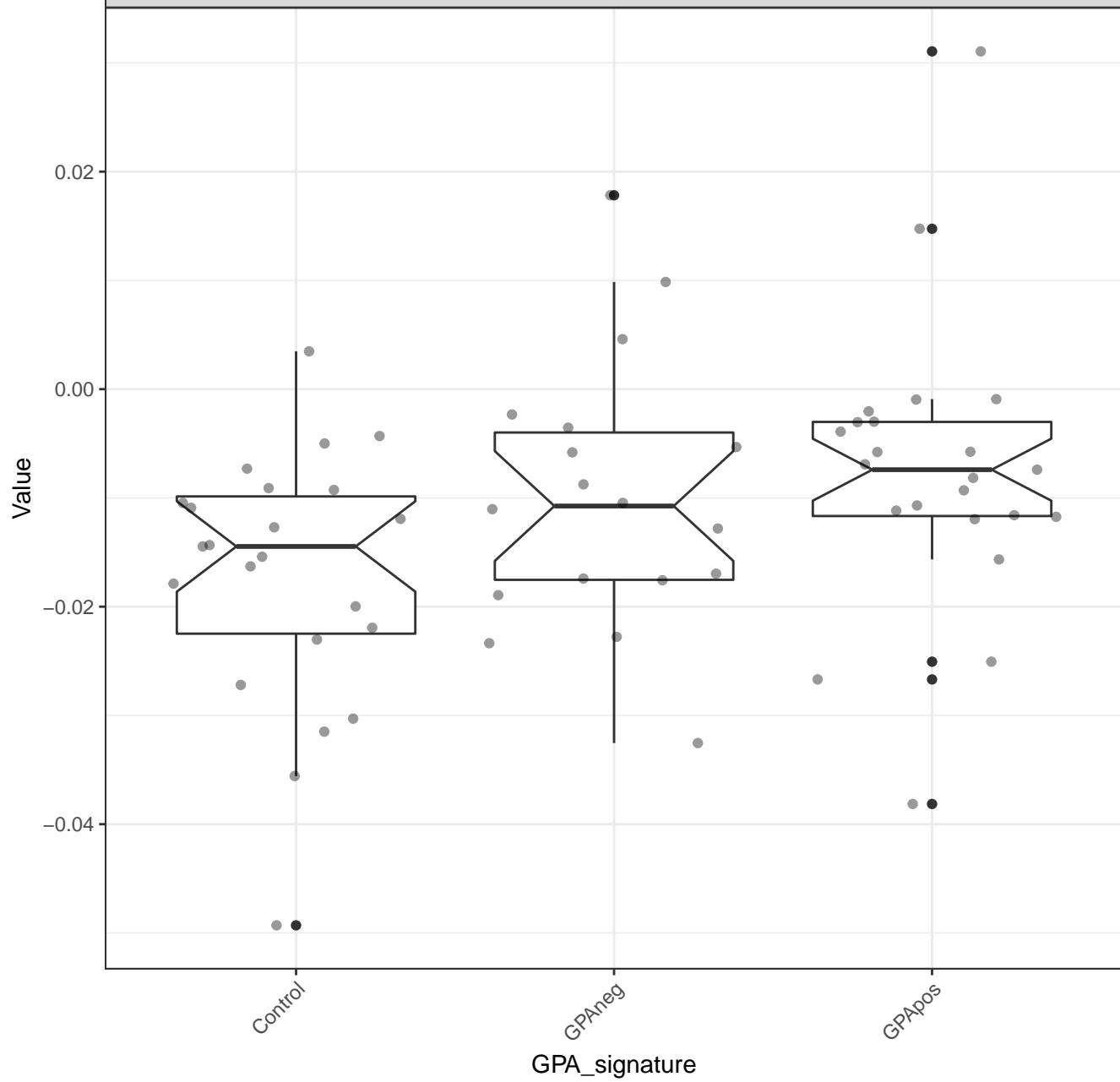
LV 411



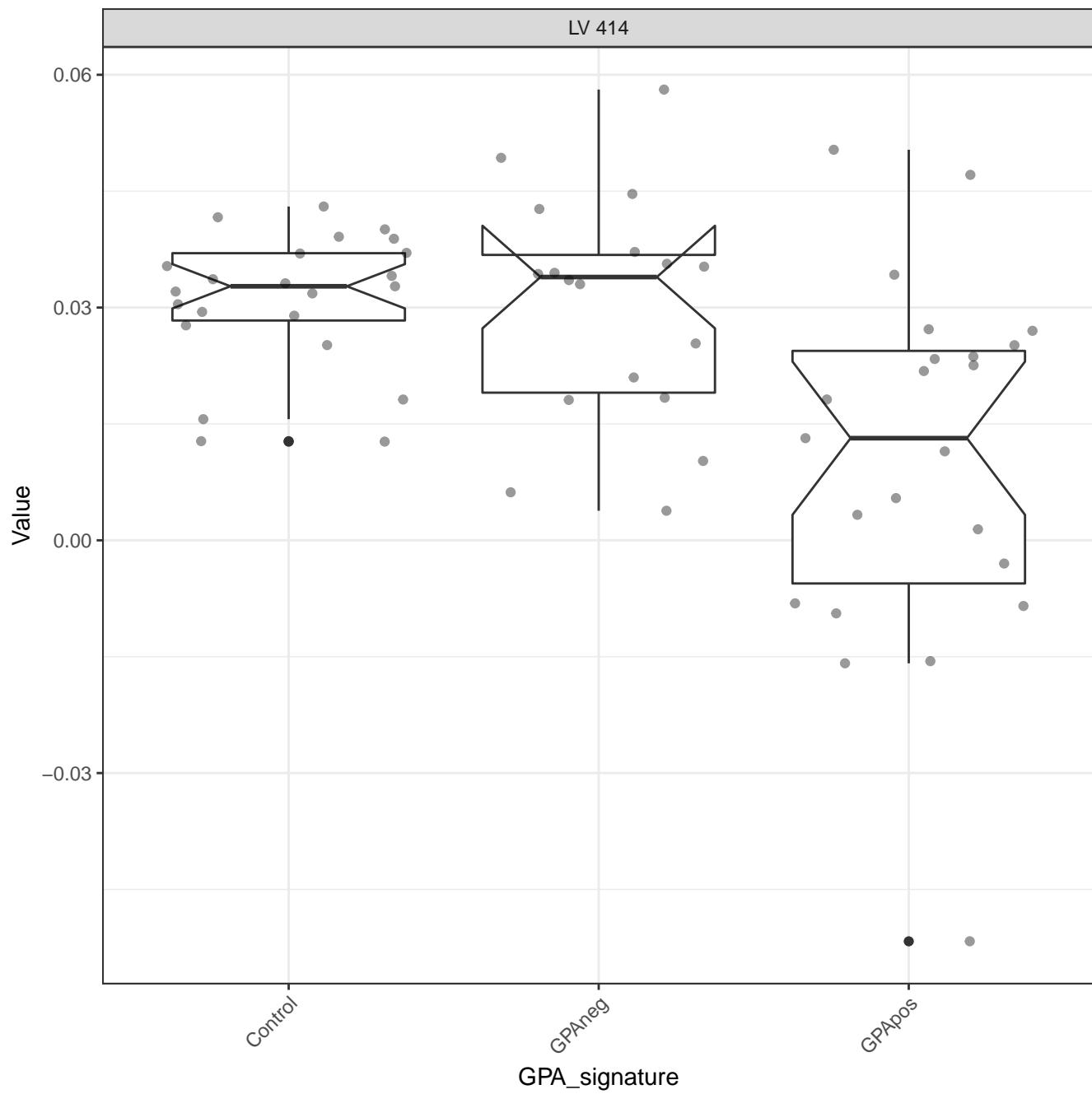
LV 412

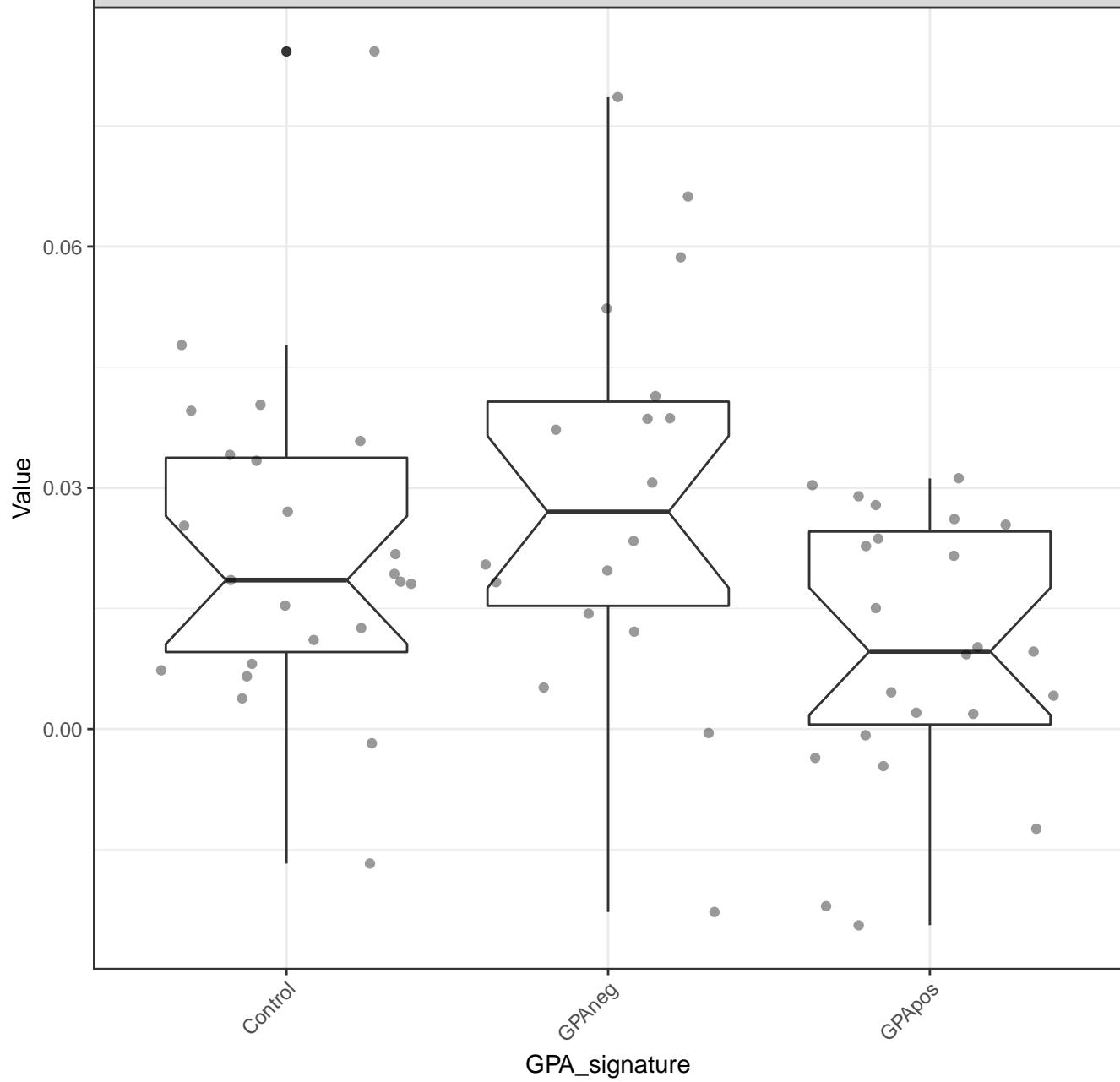


LV 413

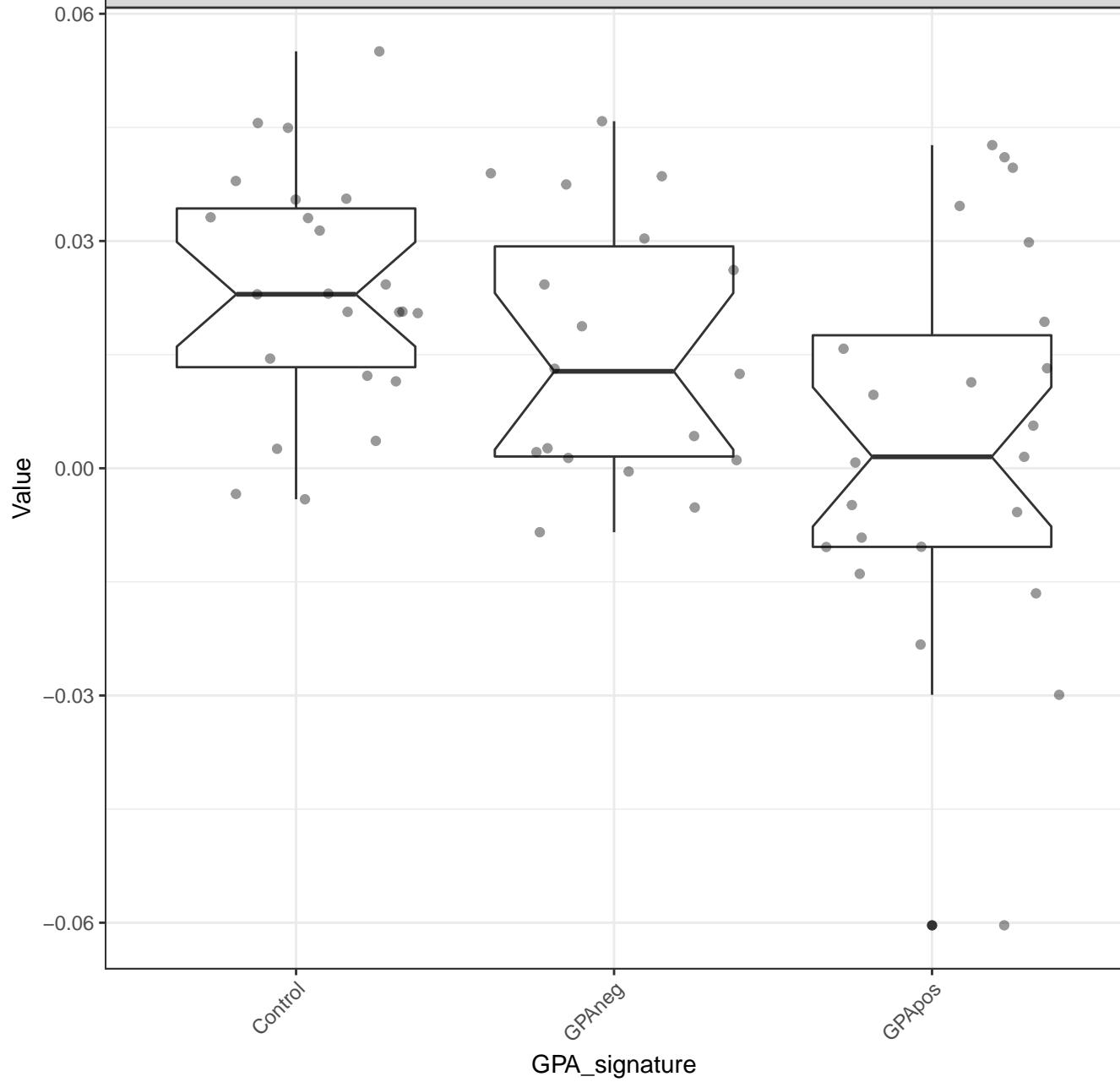


LV 414

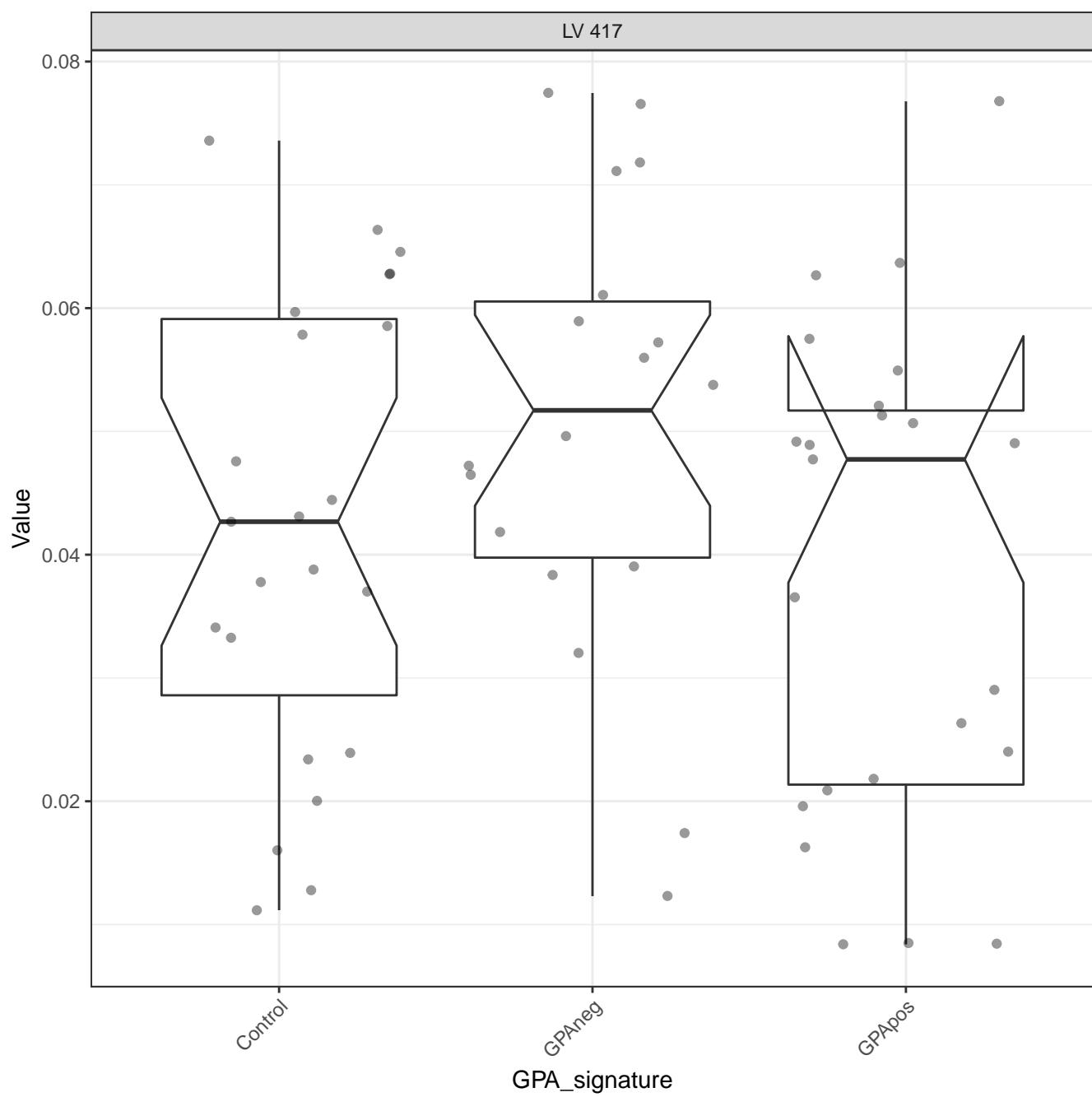


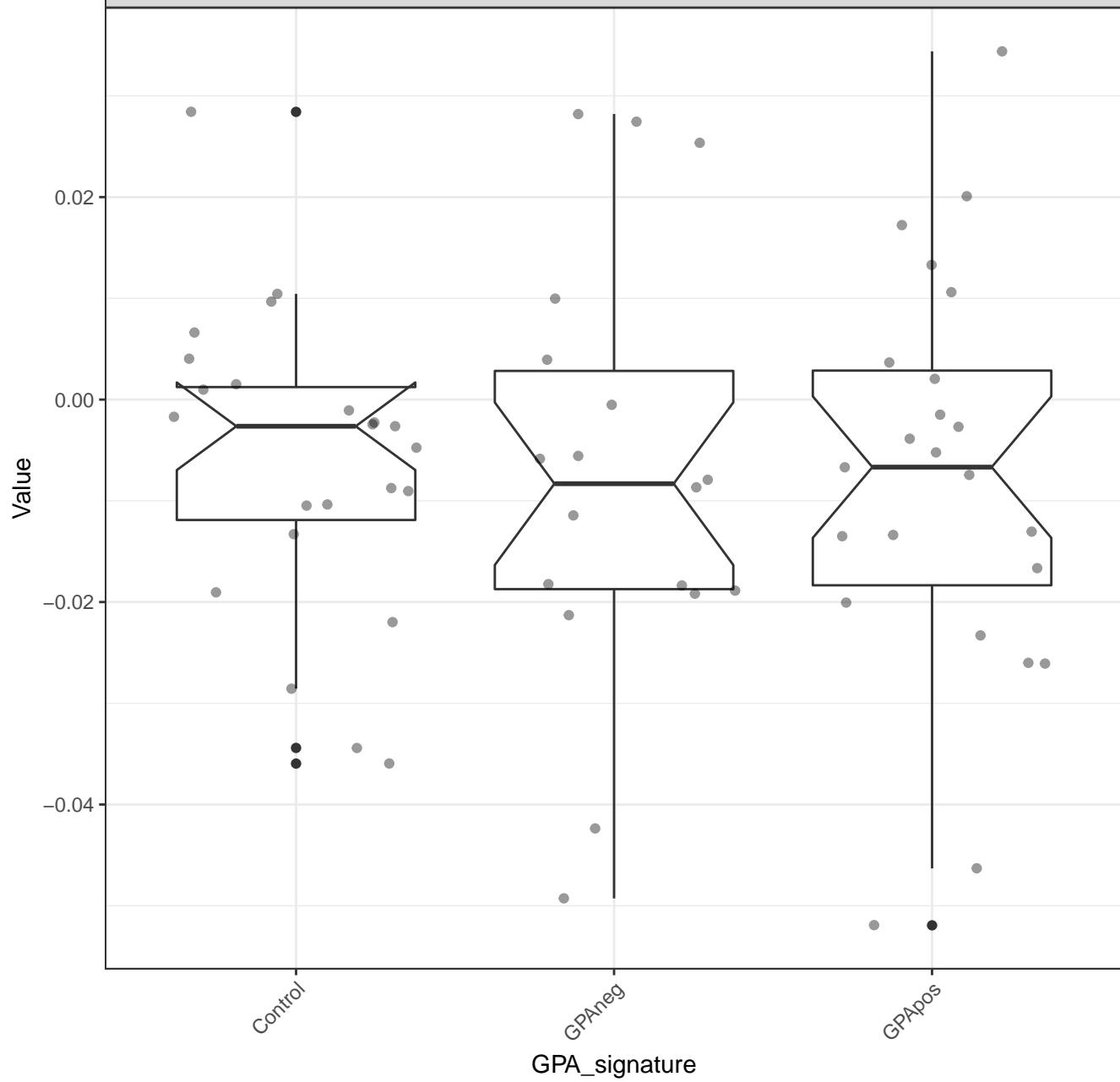


LV 416

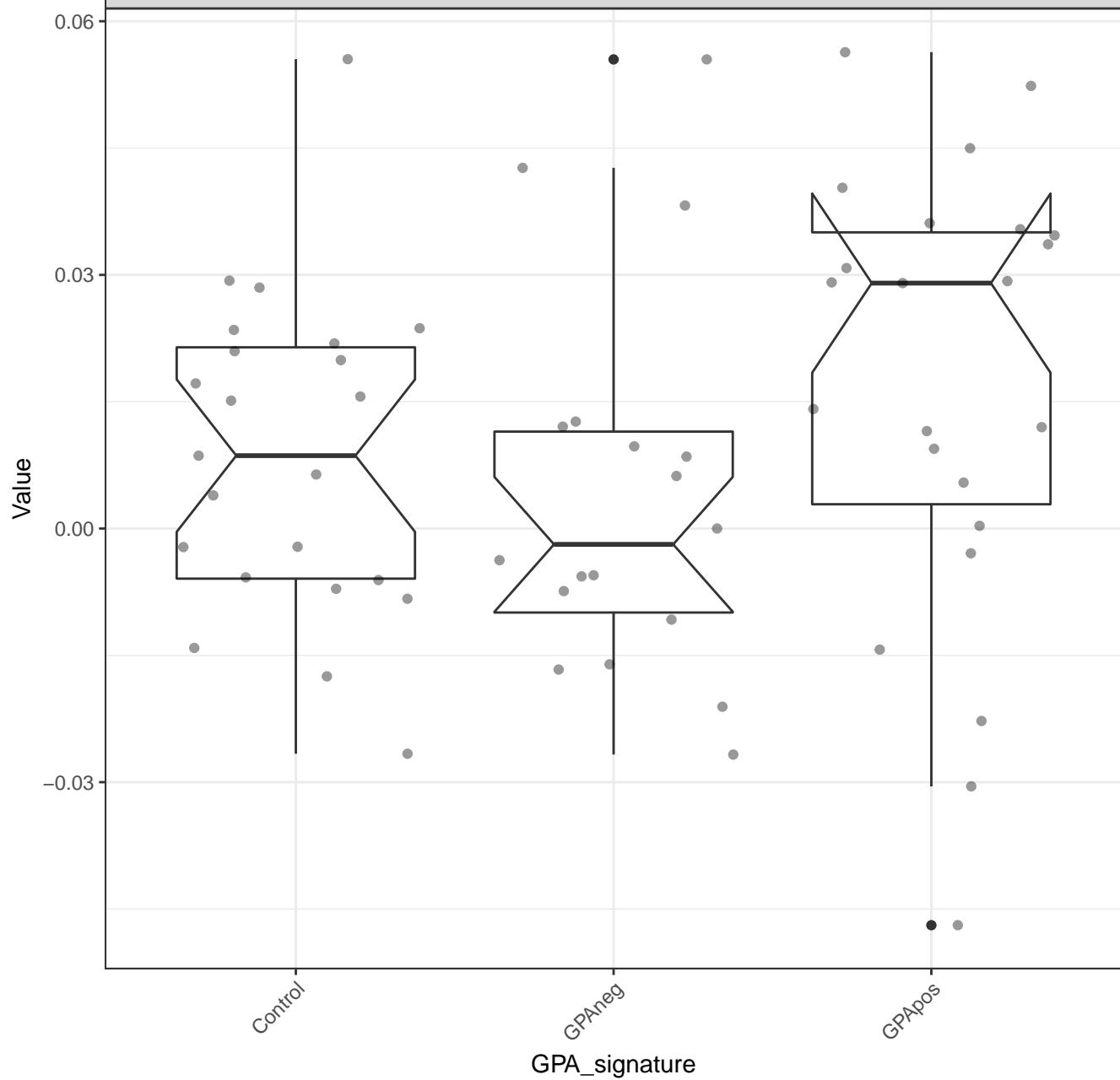


LV 417

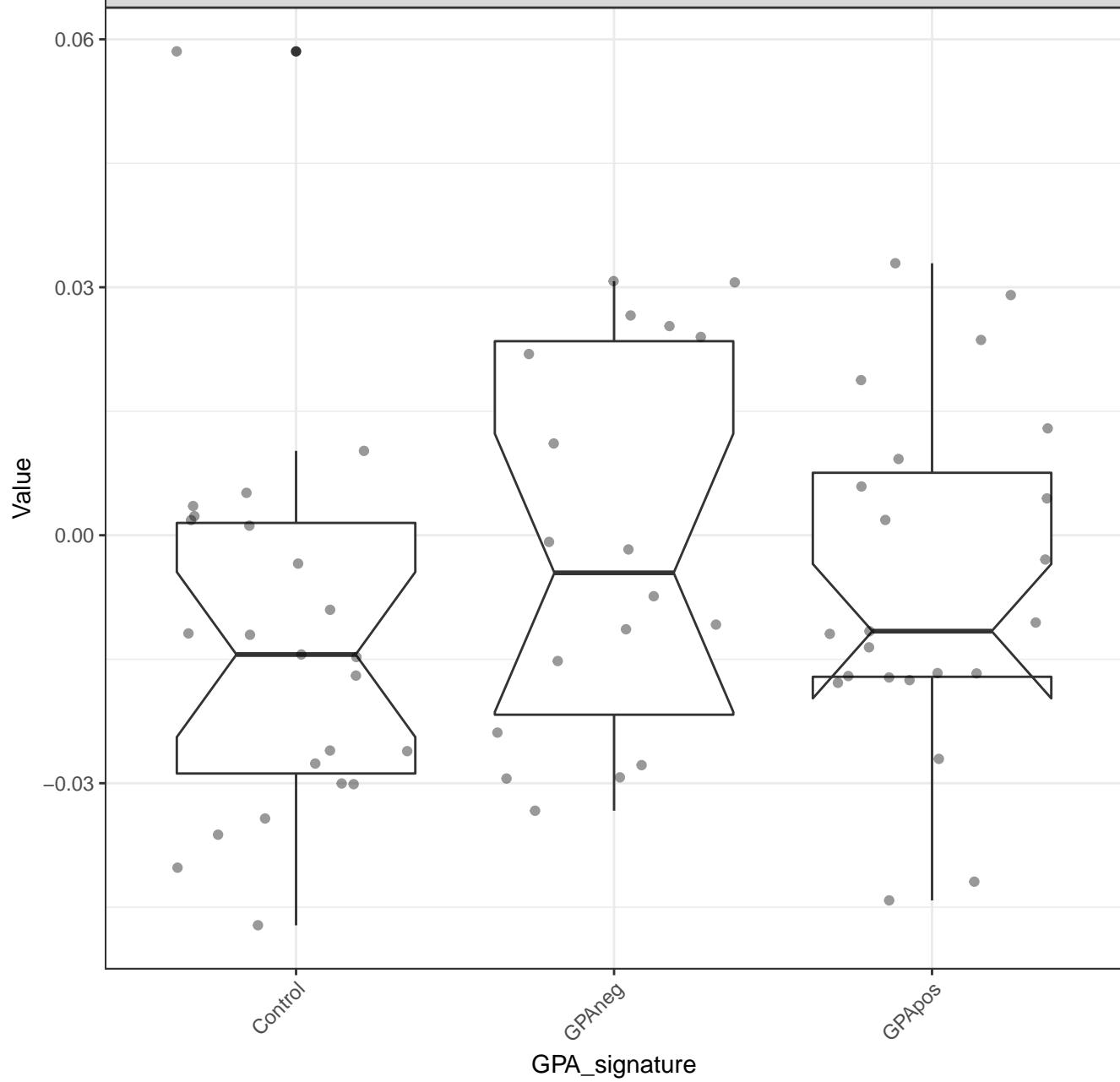




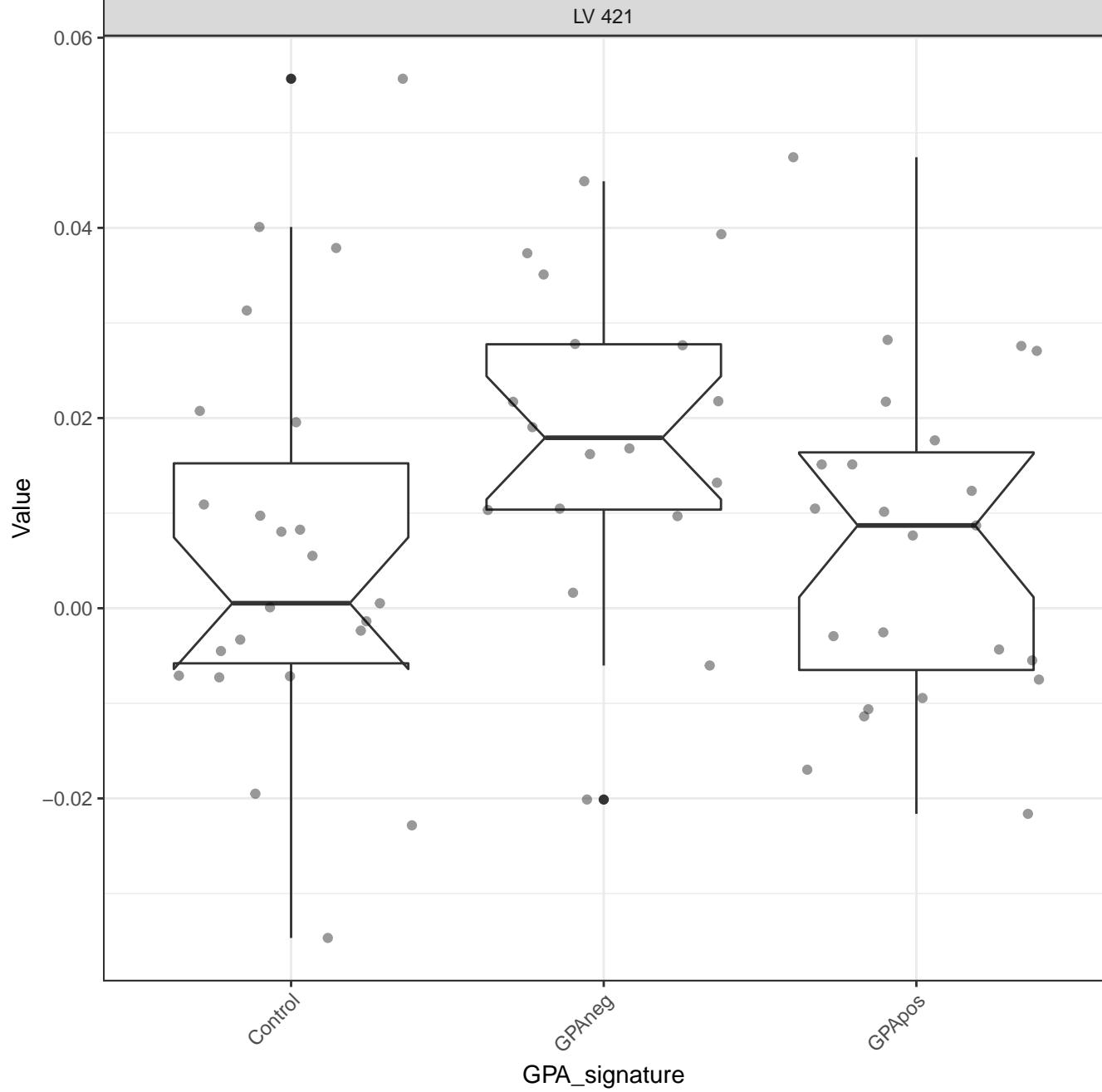
LV 419



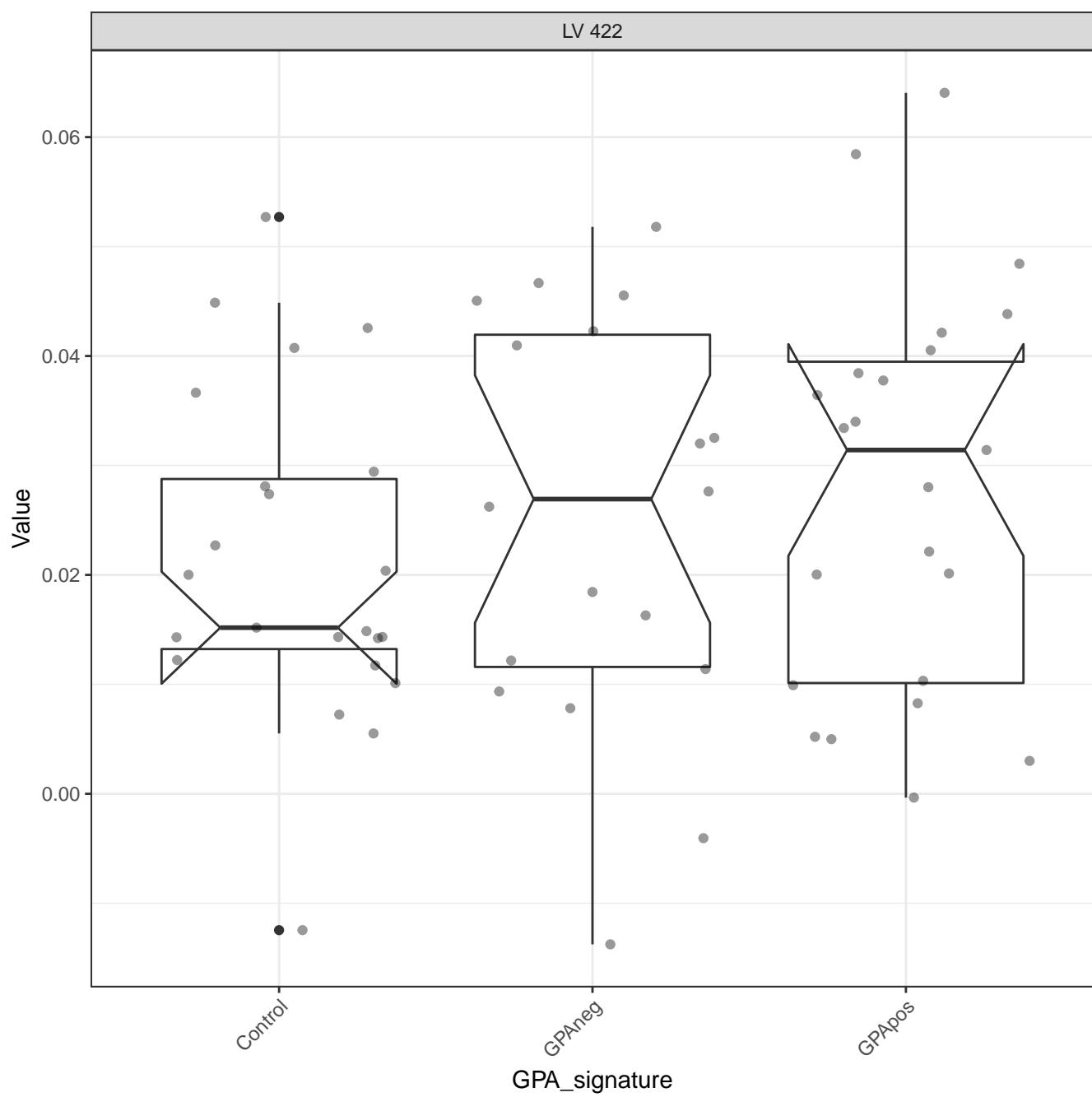
LV 420

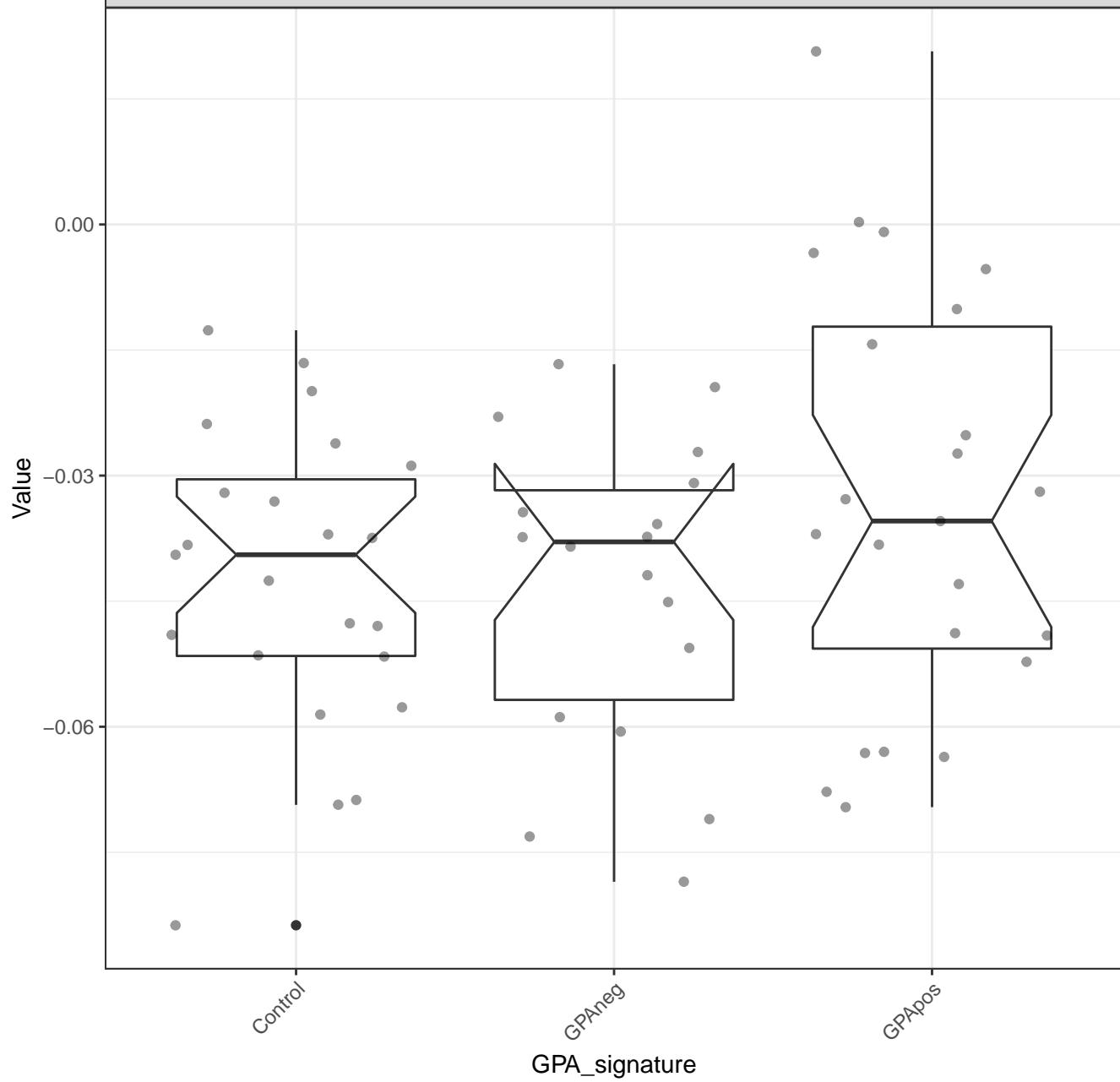


LV 421

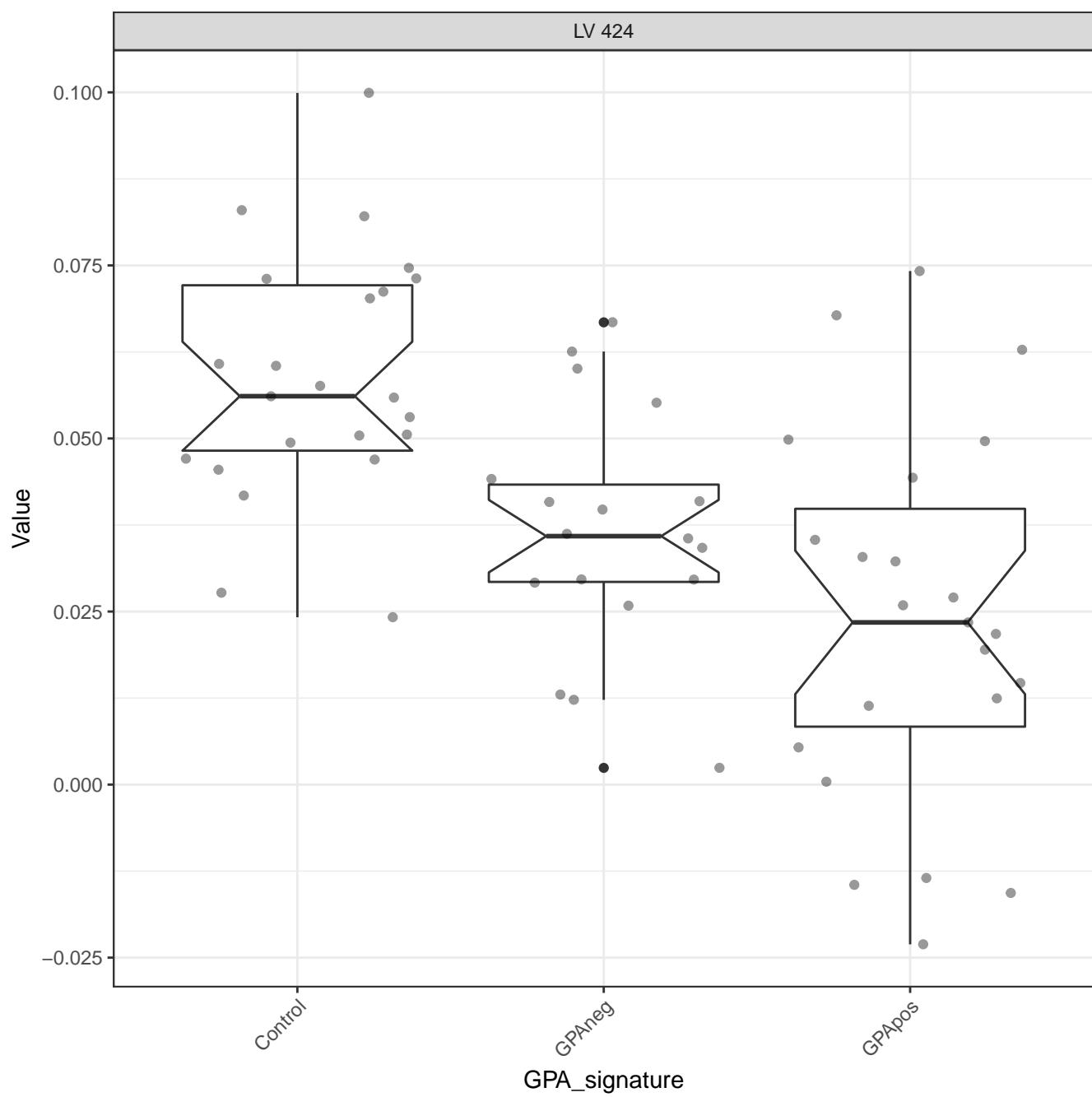


LV 422

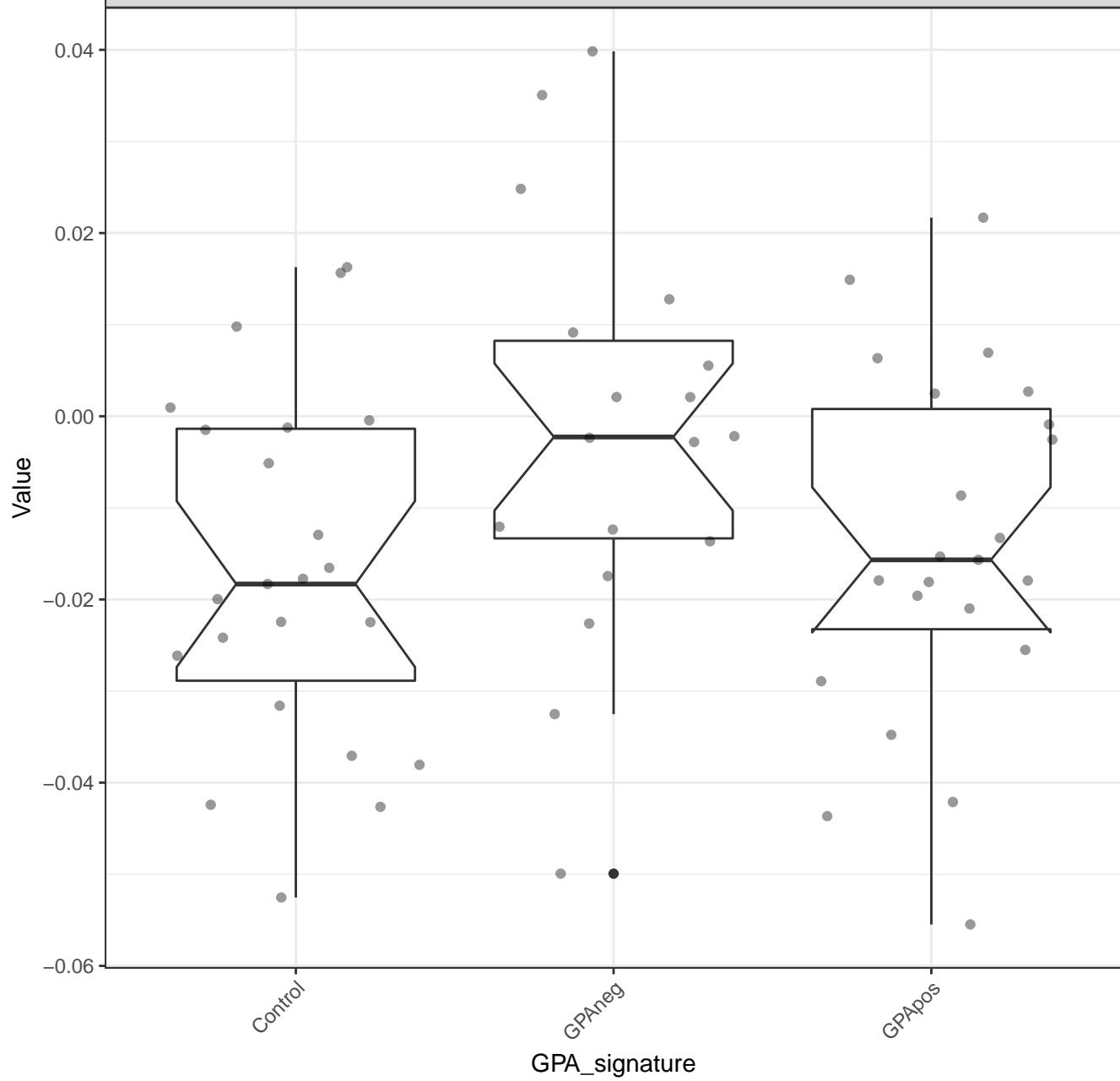


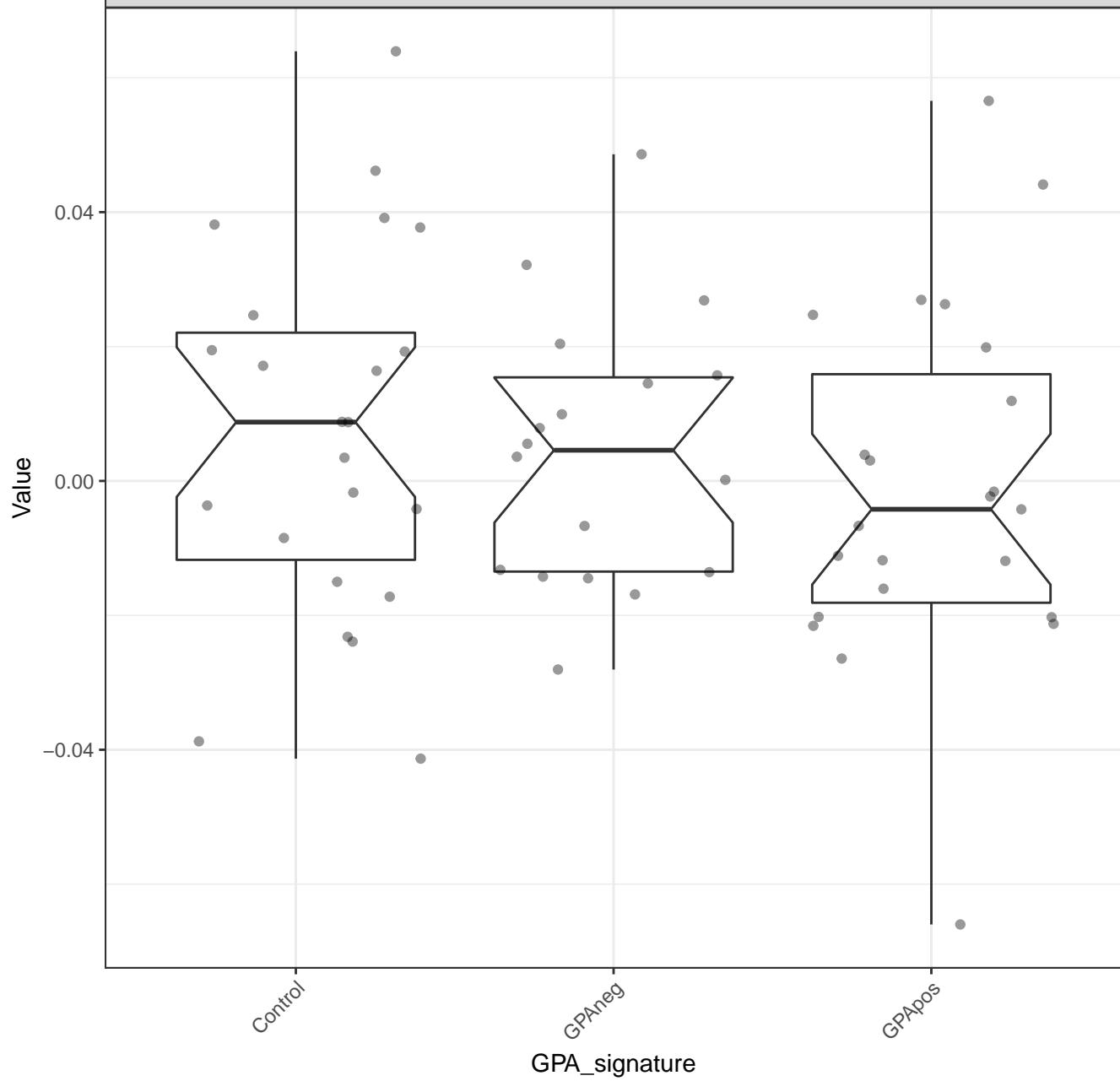


LV 424

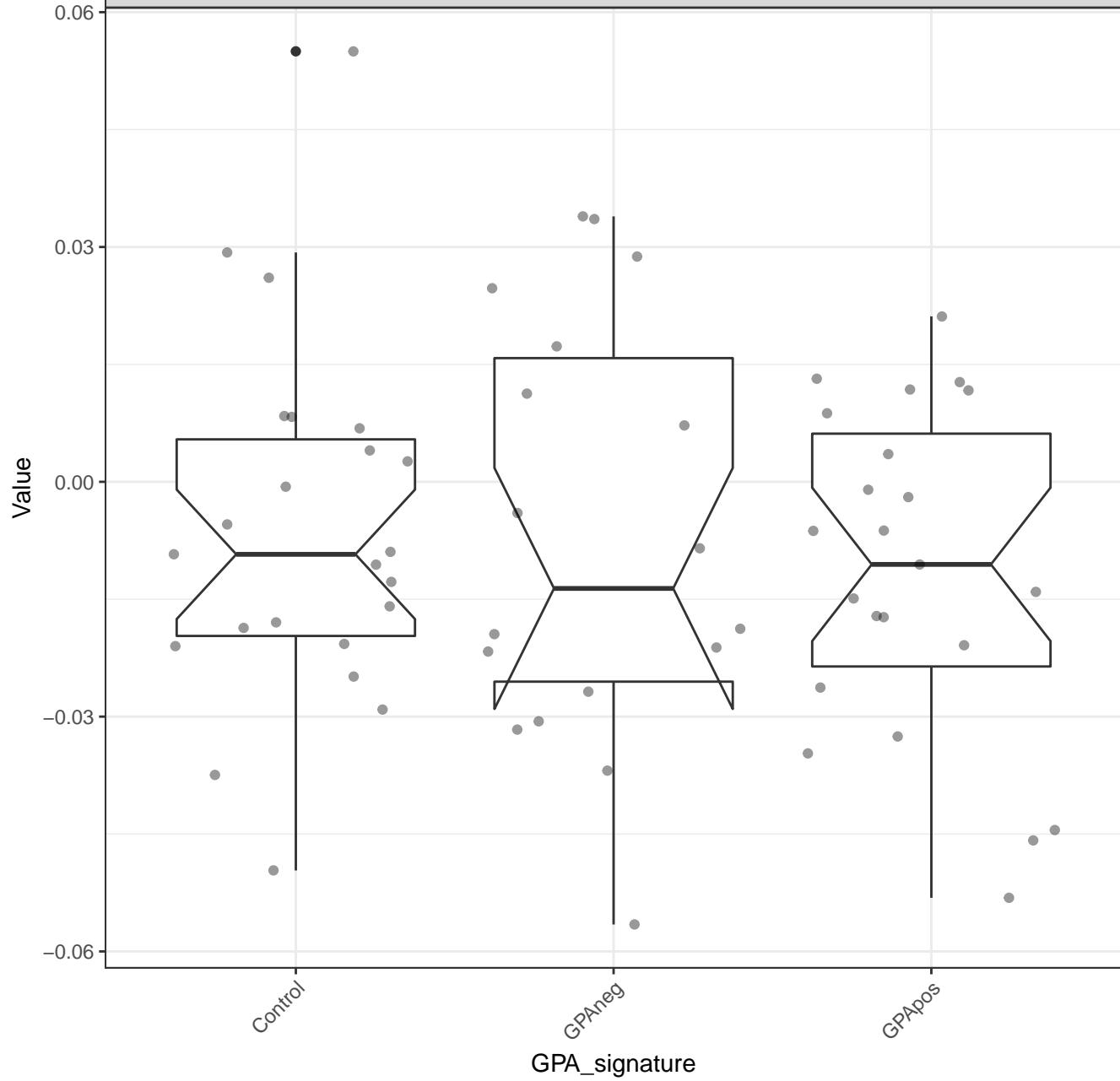


LV 425

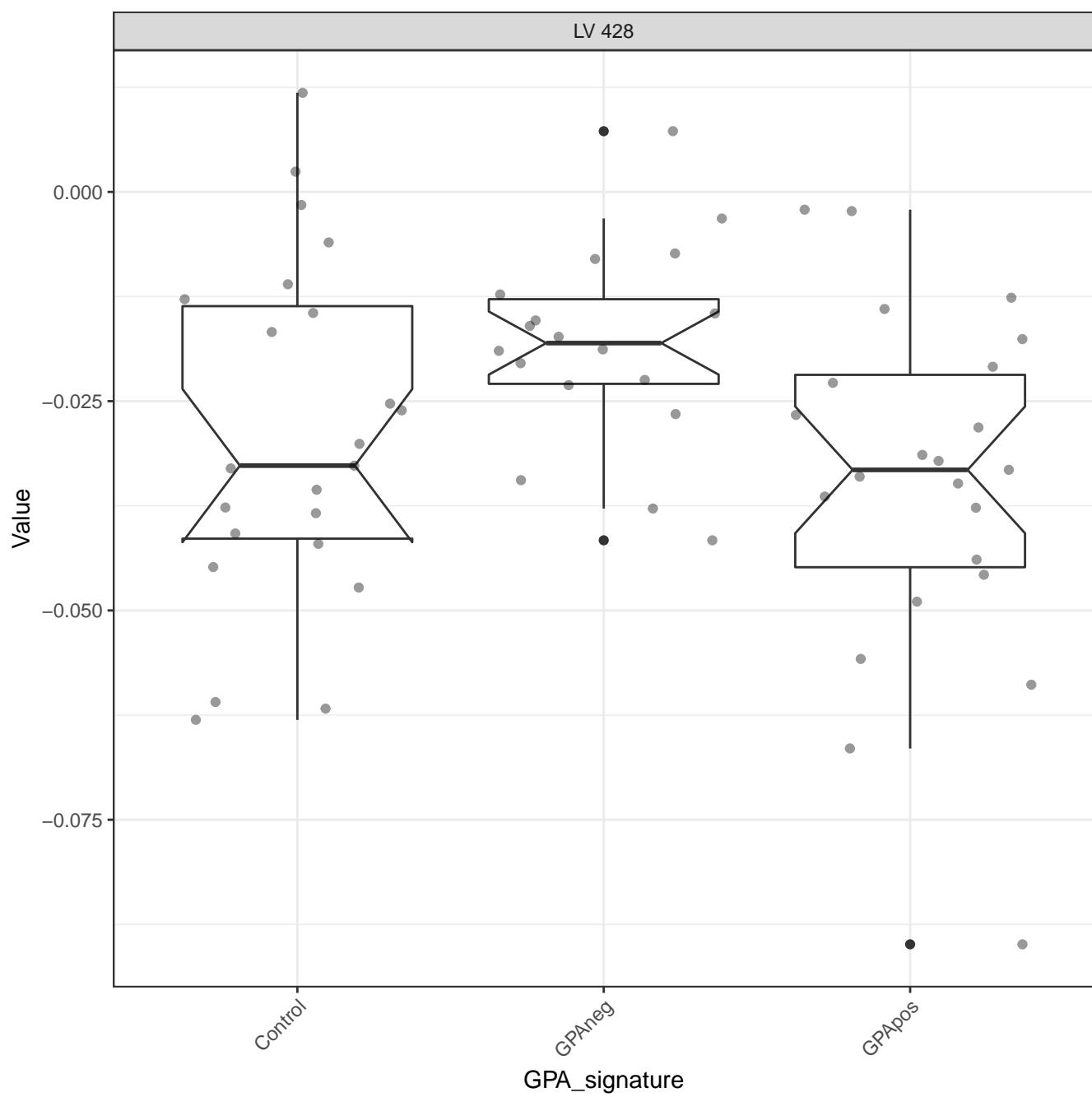




LV 427



LV 428



LV 429

Value

0.05

0.00

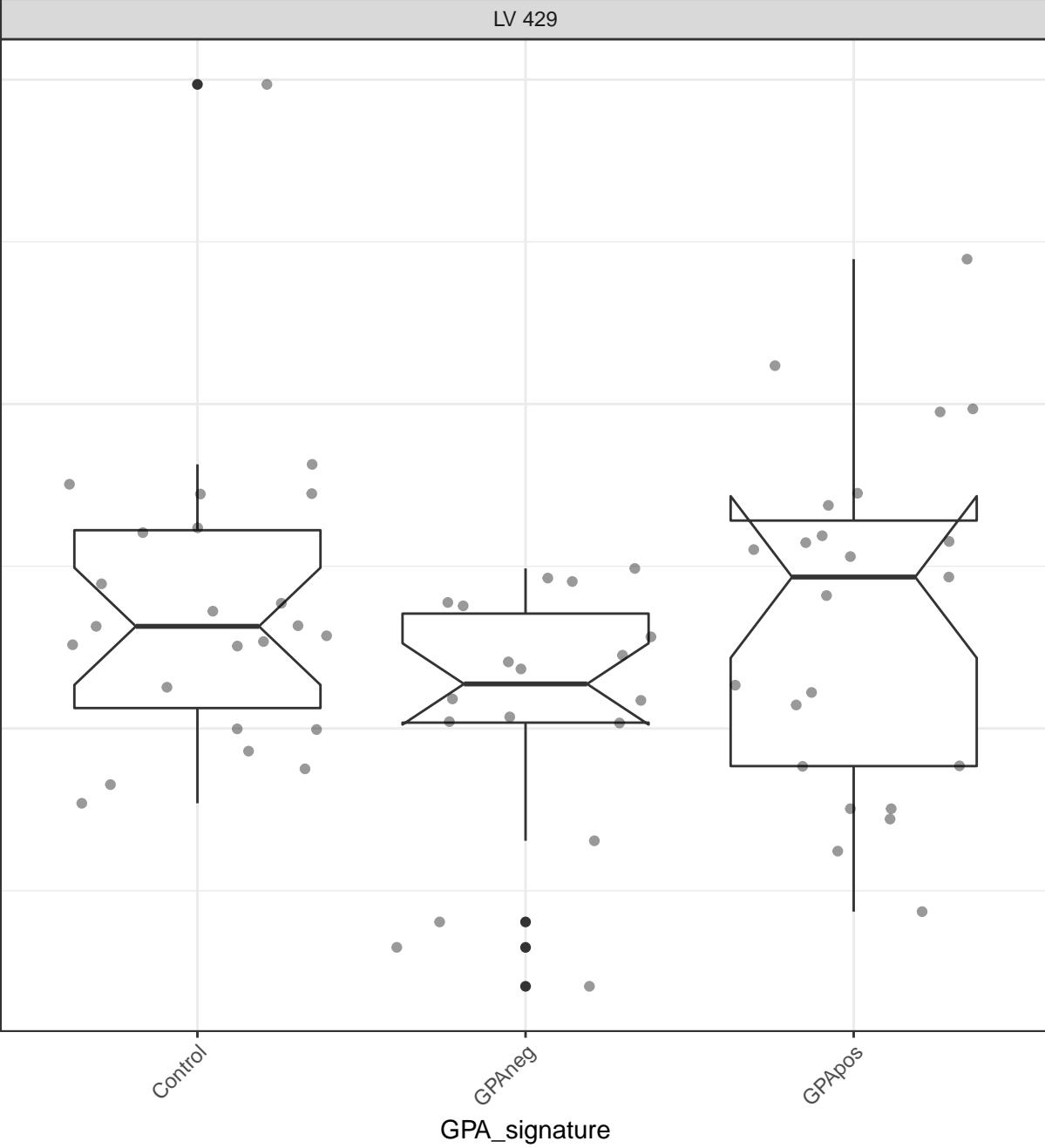
-0.05

Control

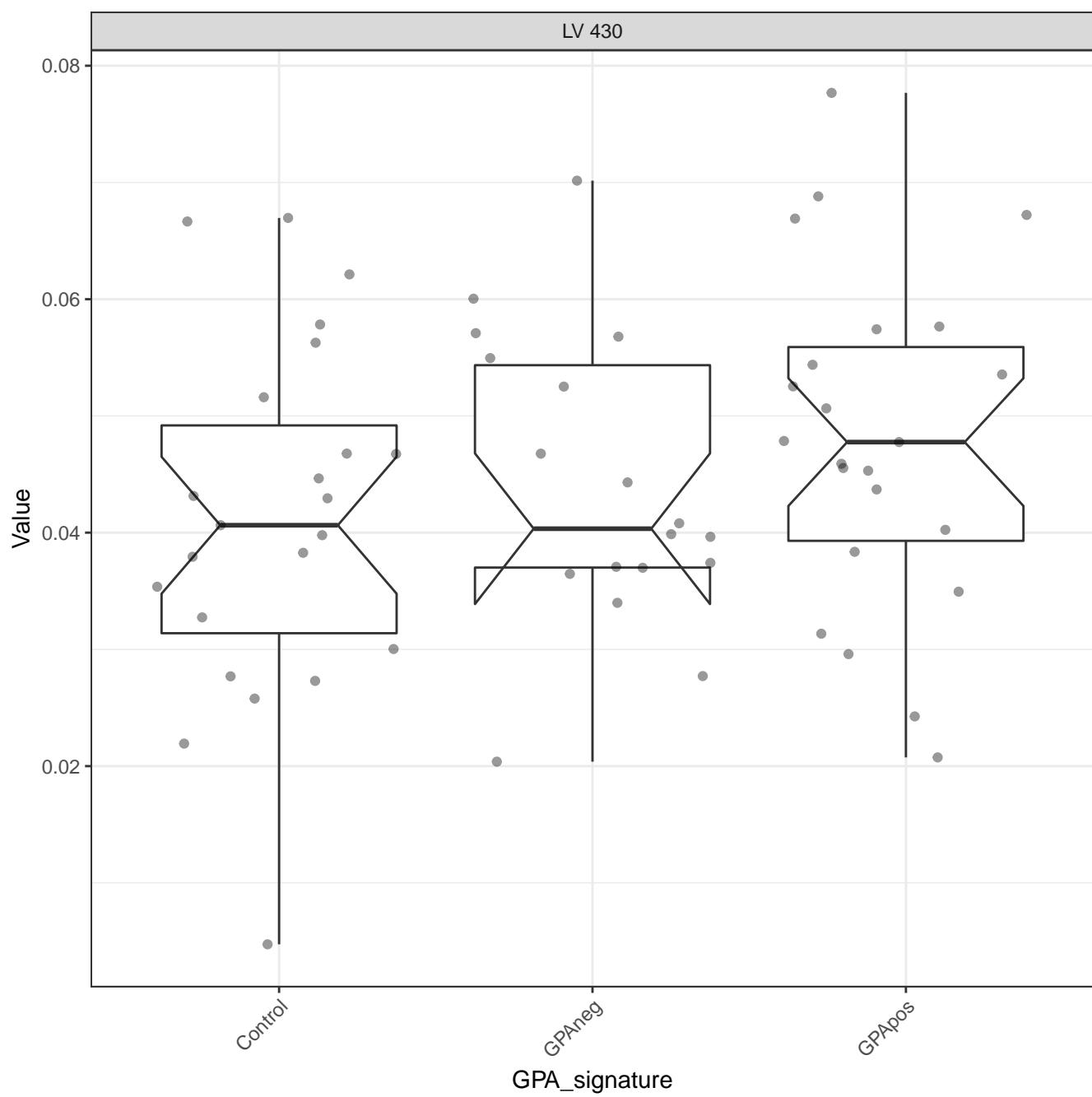
GPAneg

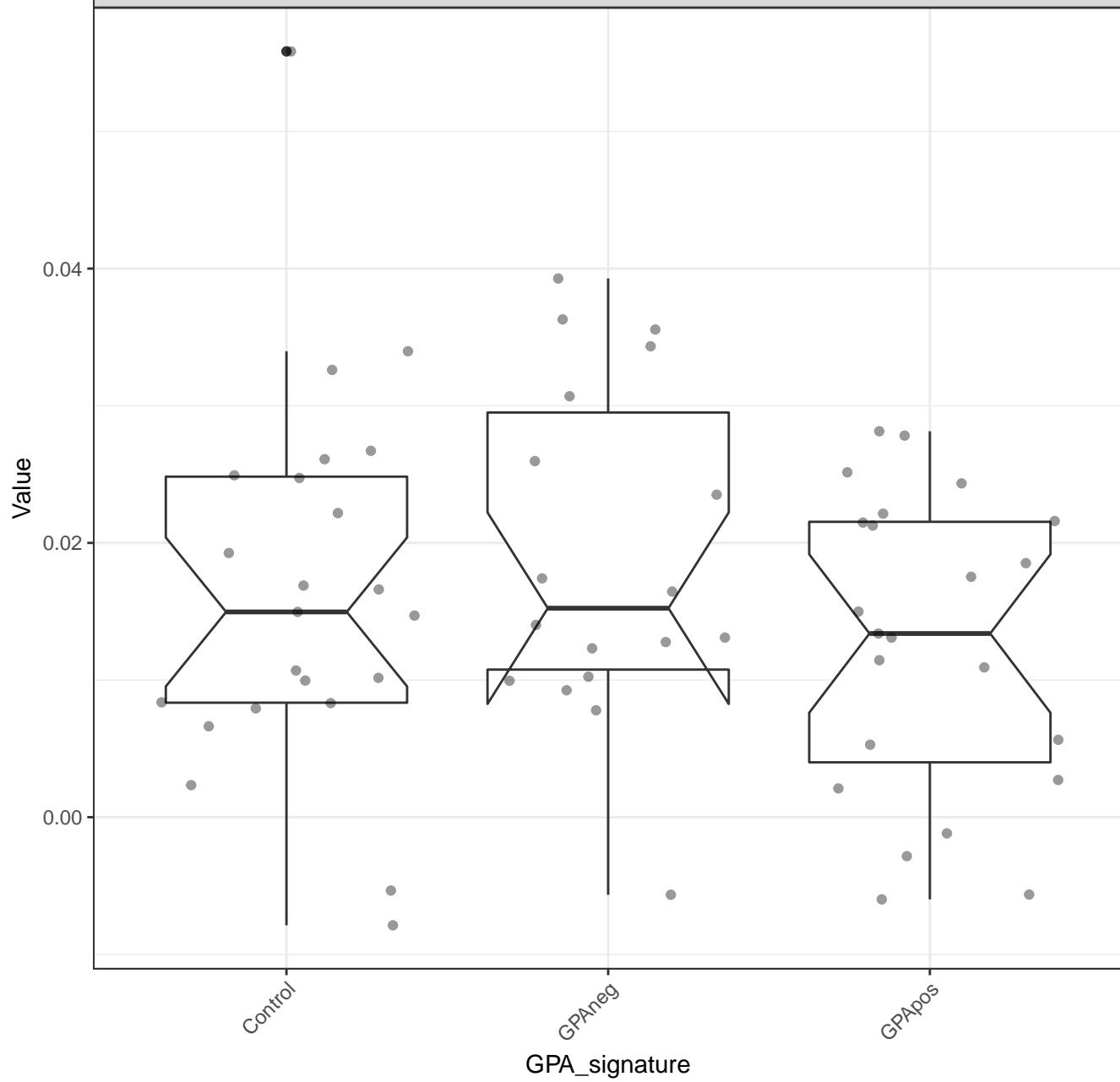
GPApos

GPA_signature

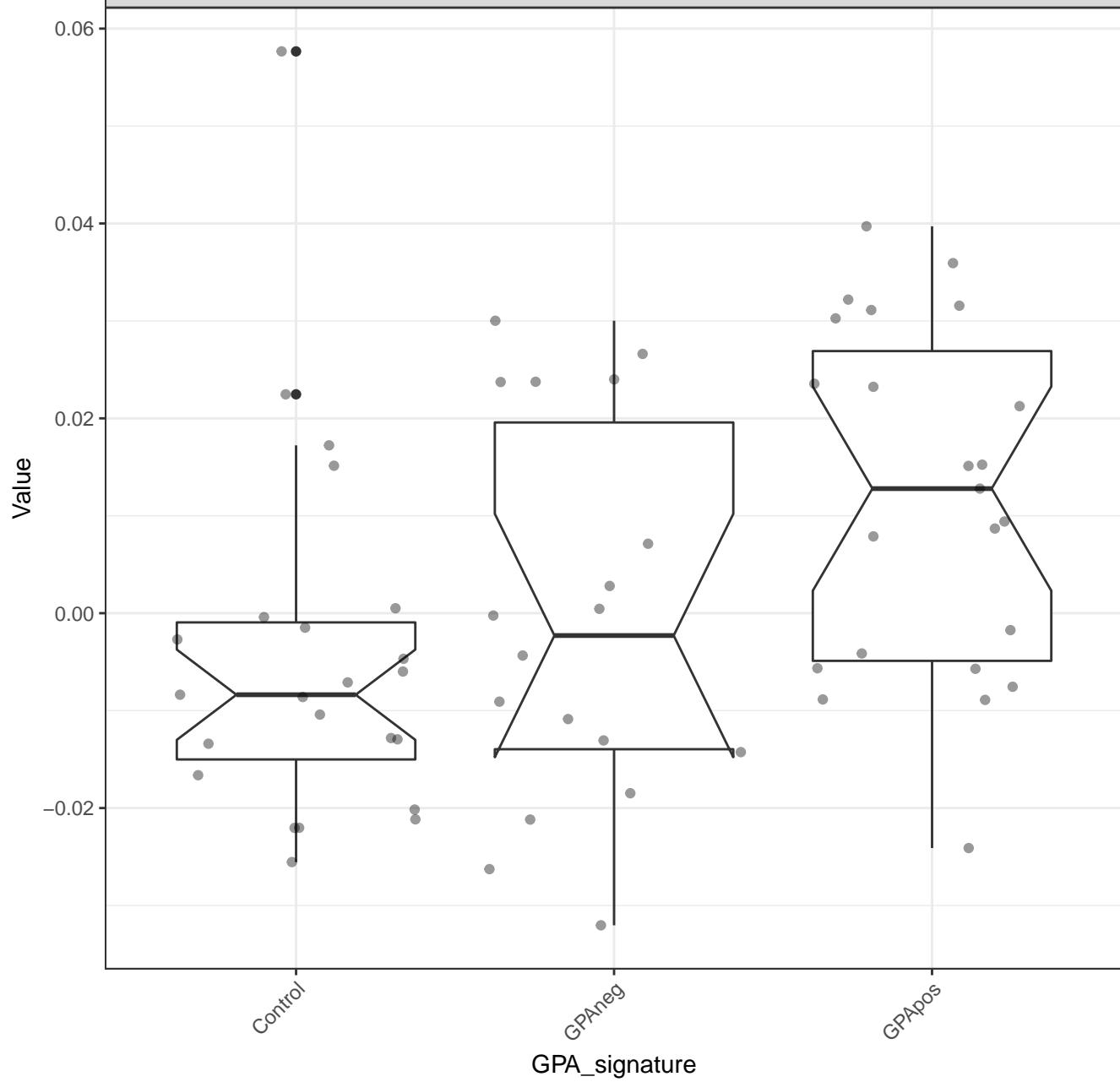


LV 430





LV 432



LV 433

Value

0.04

0.02

0.00

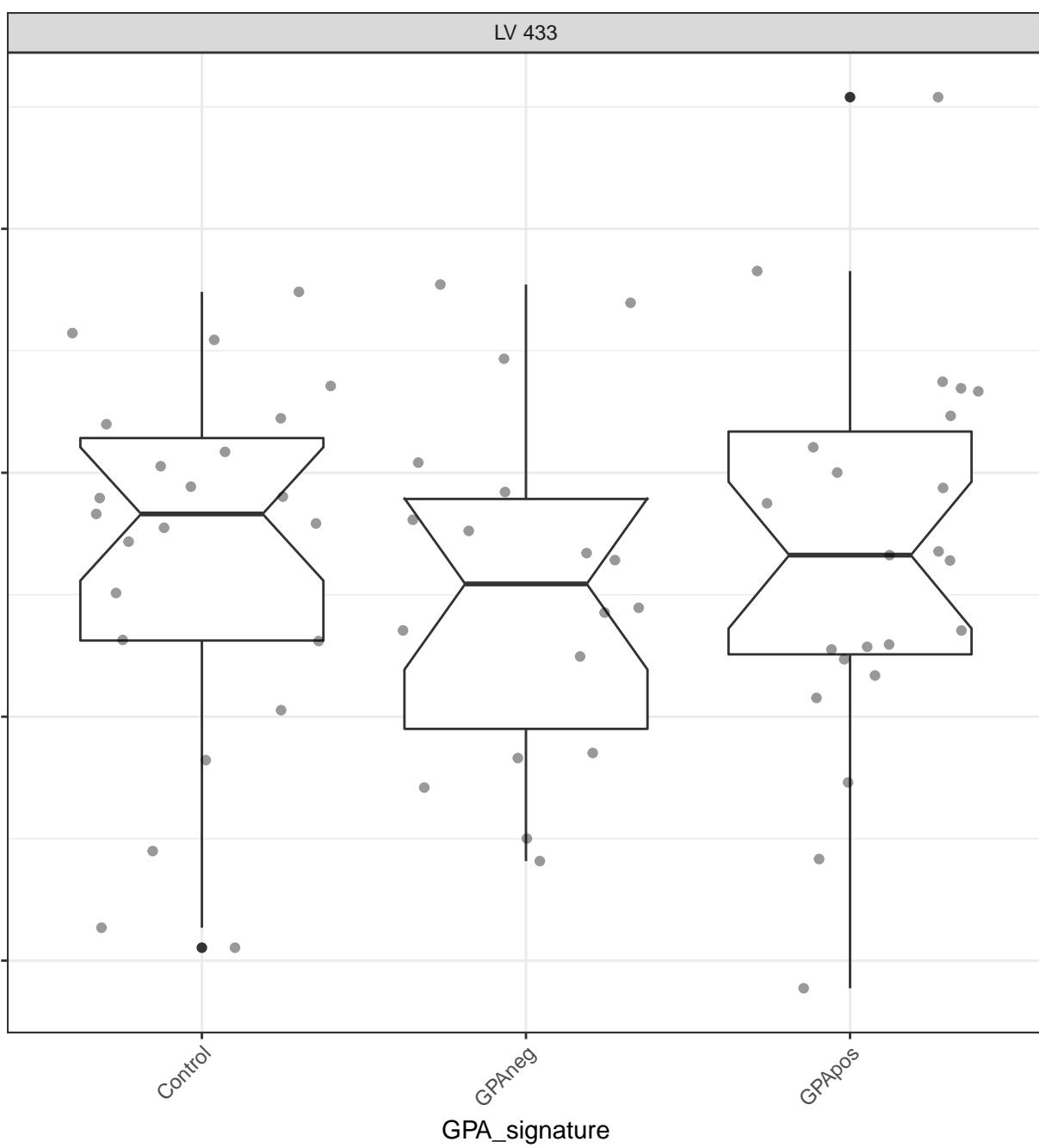
-0.02

Control

GPAneg

GPAPos

GPA_signature



LV 434

Value

0.10

0.05

0.00

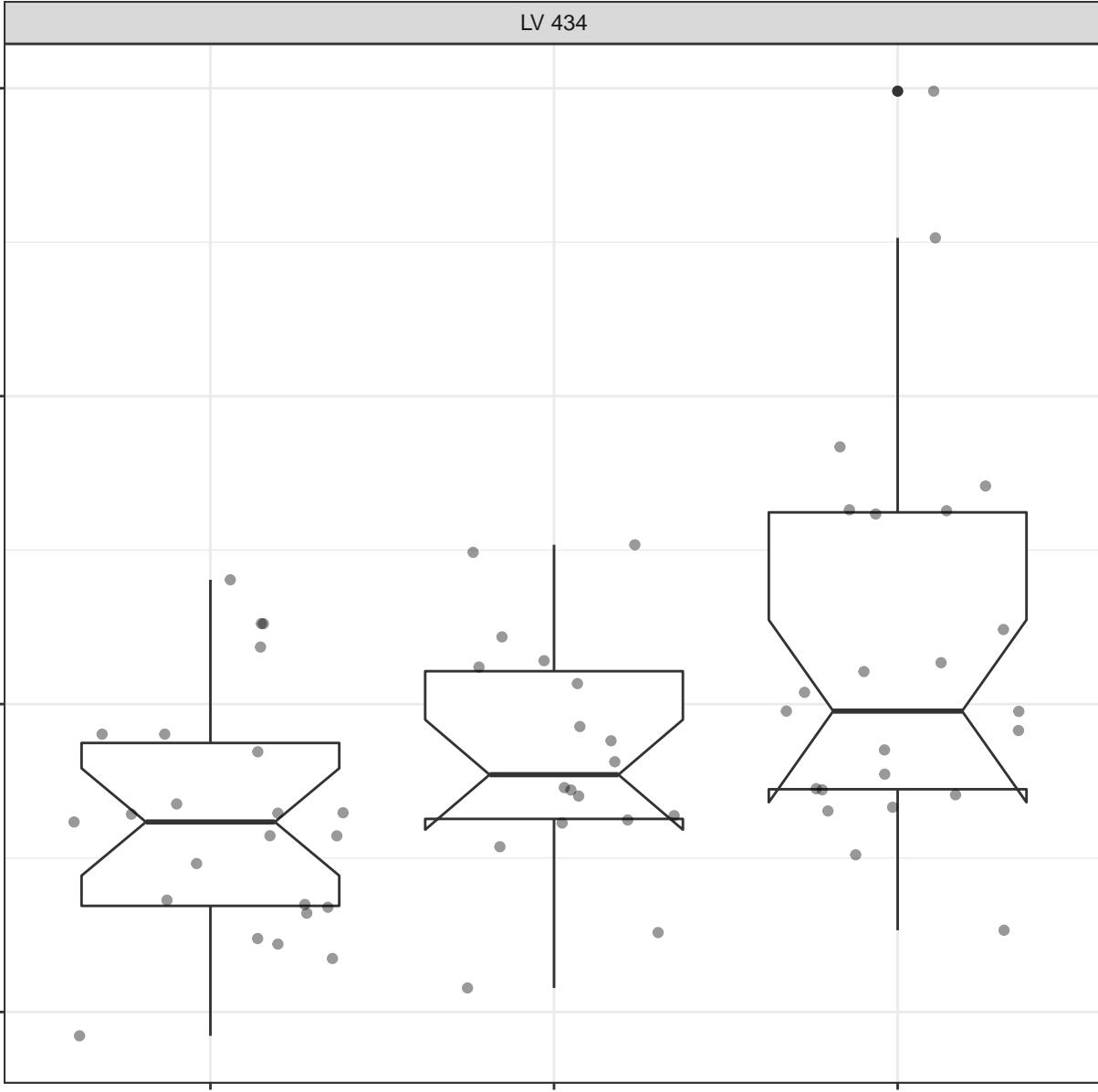
-0.05

Control

GPAneg

GPAPos

GPA_signature



LV 435

Value

0.03

0.00

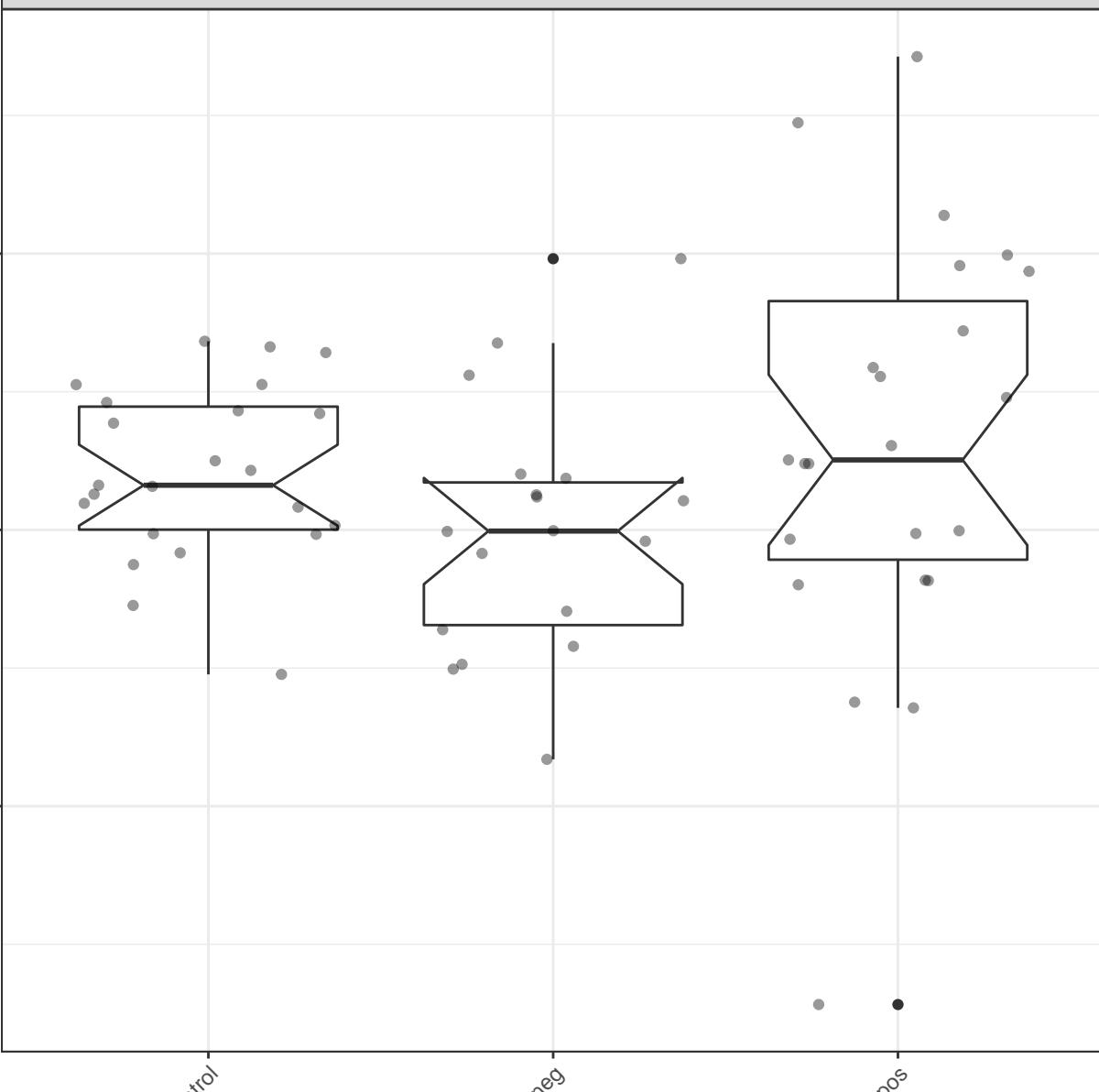
-0.03

Control

GPAneg

GPApos

GPA_signature



LV 436

Value

0.04

0.02

0.00

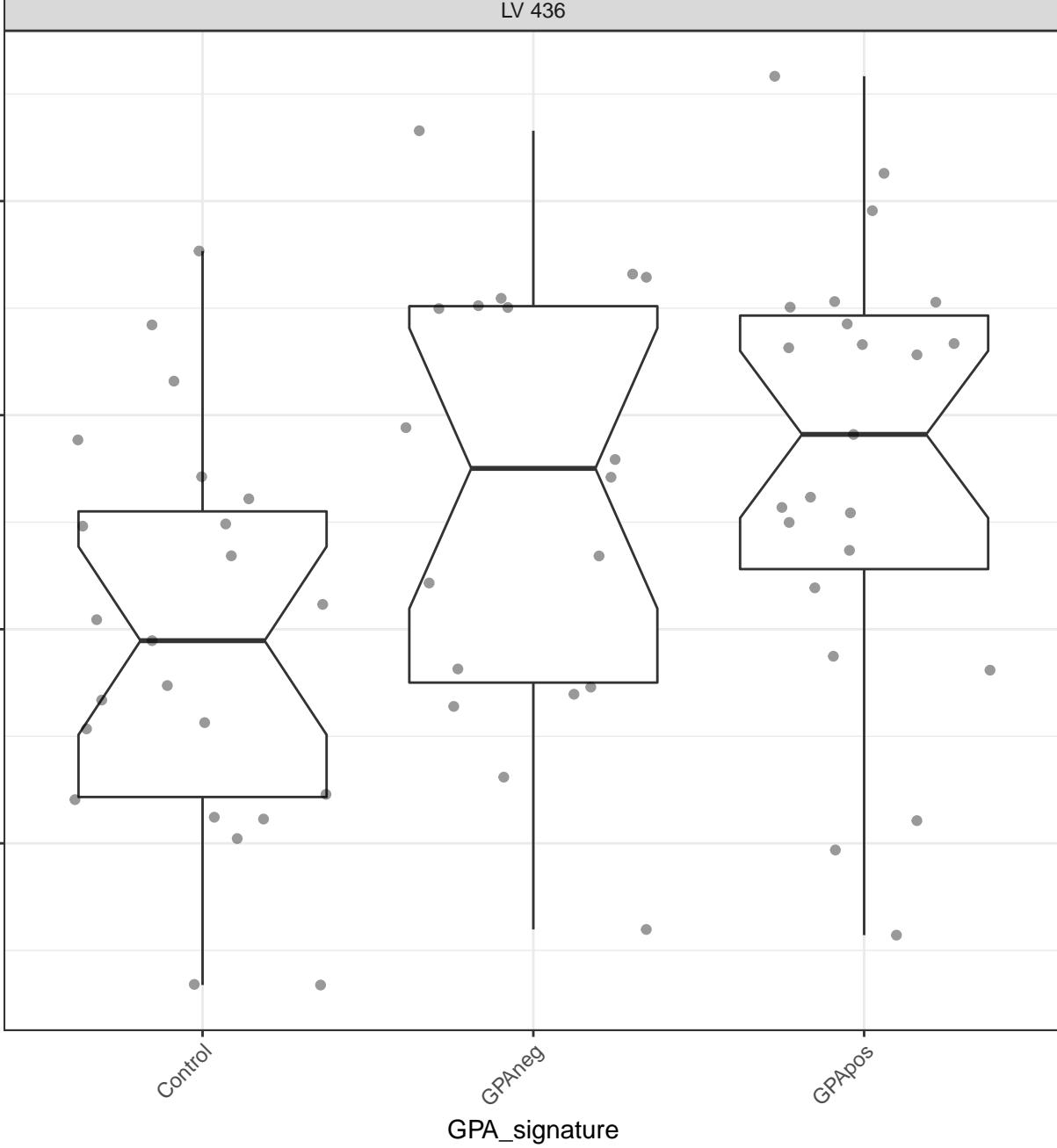
-0.02

Control

GPAneg

GPAPos

GPA_signature



LV 437

Value

0.025

0.000

-0.025

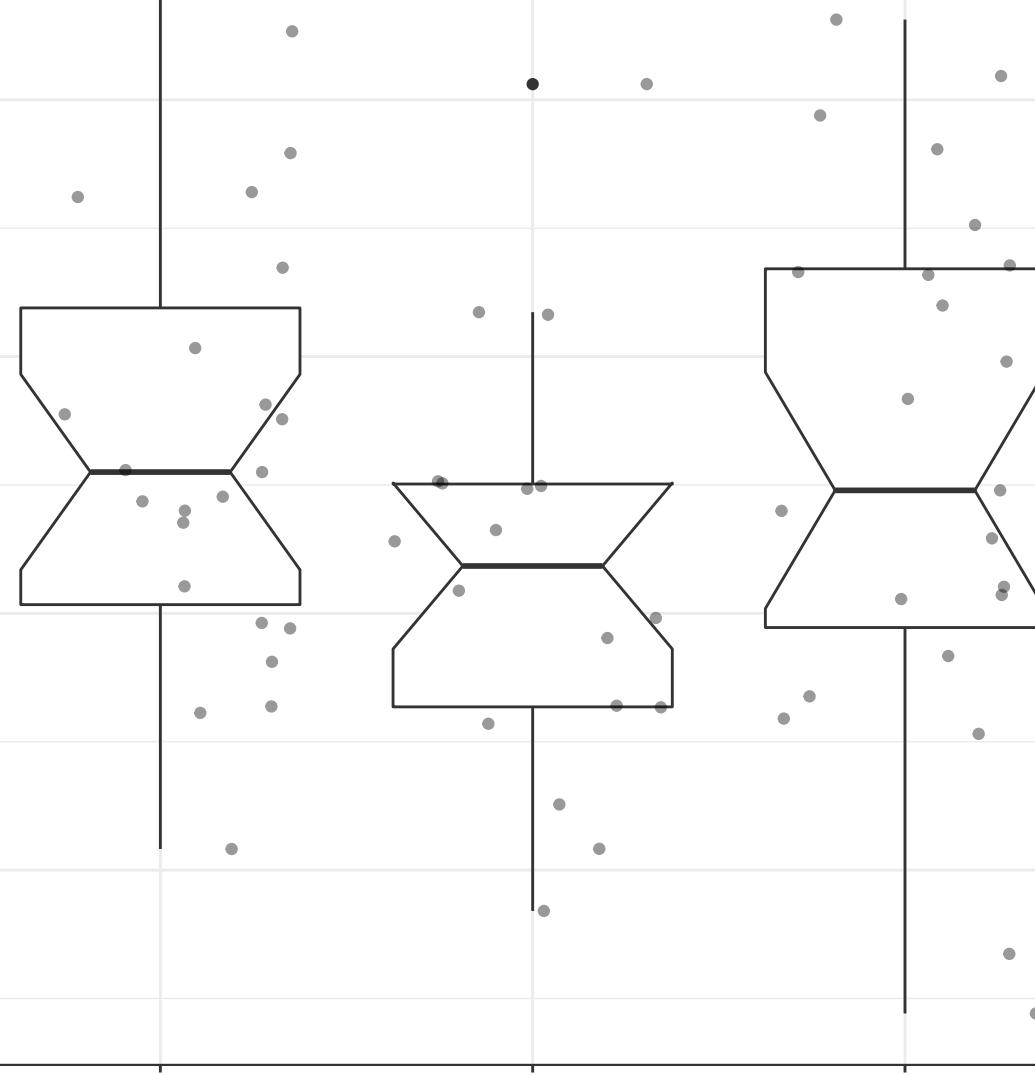
-0.050

Control

GPA_signature

GPAneg

GPAPos



LV 438

Value

0.00

-0.05

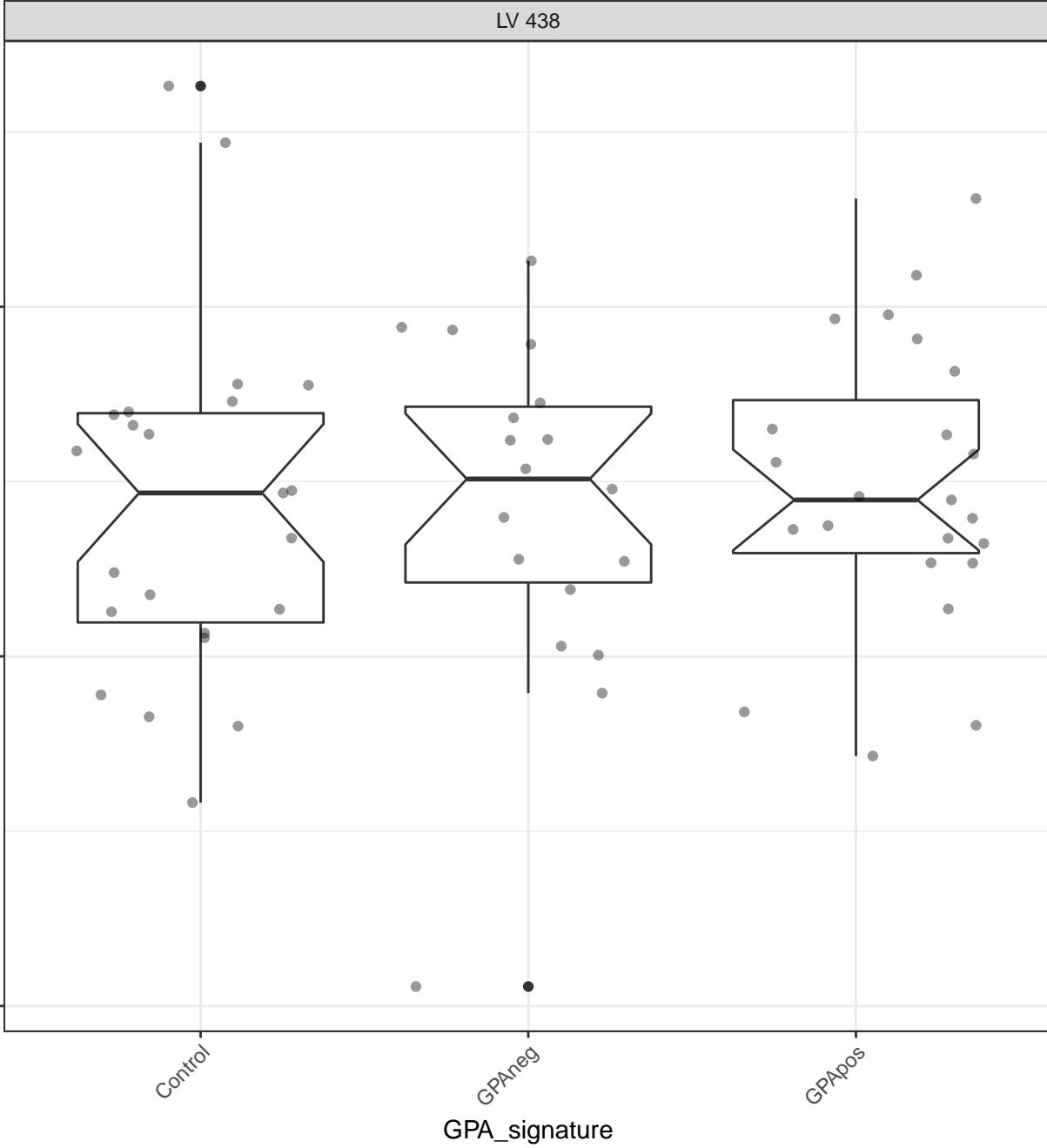
-0.10

Control

GPA_signature

GPAneg

GPAPos



LV 439

Value

0.100

0.075

0.050

0.025

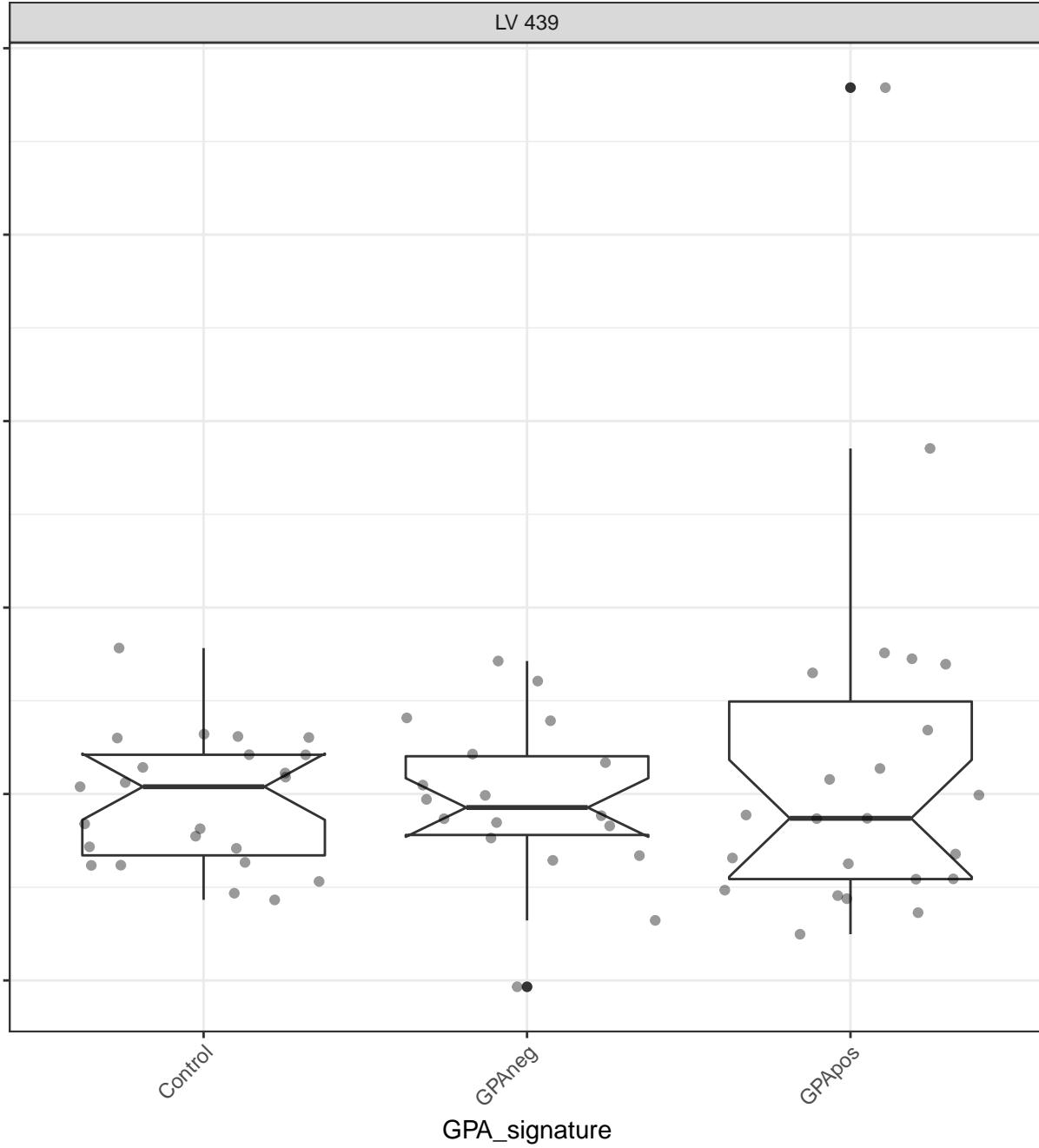
-0.025

Control

GPA_signature

GPAneg

GPAPos



LV 440

Value

0.050

0.025

0.000

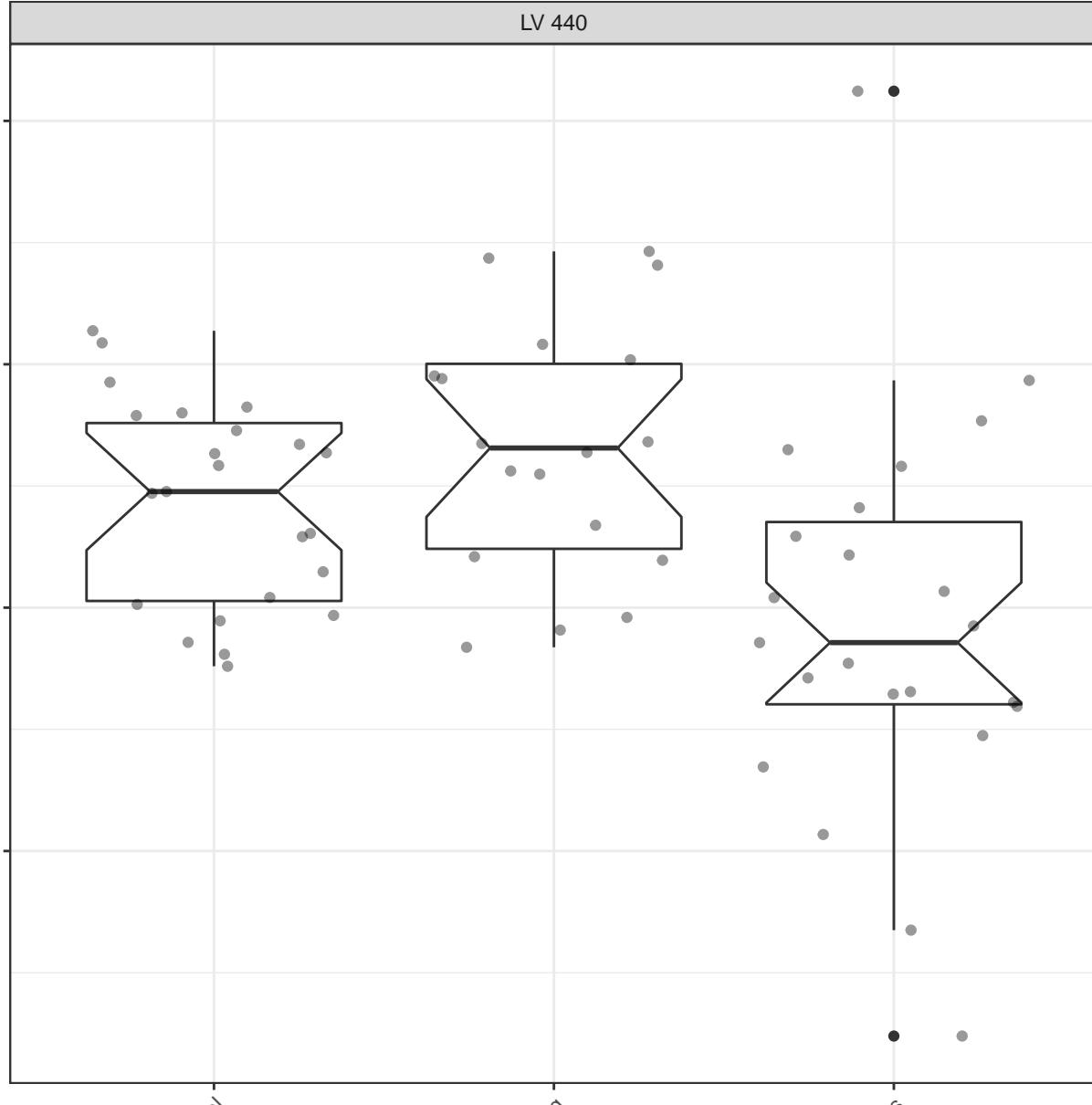
-0.025

Control

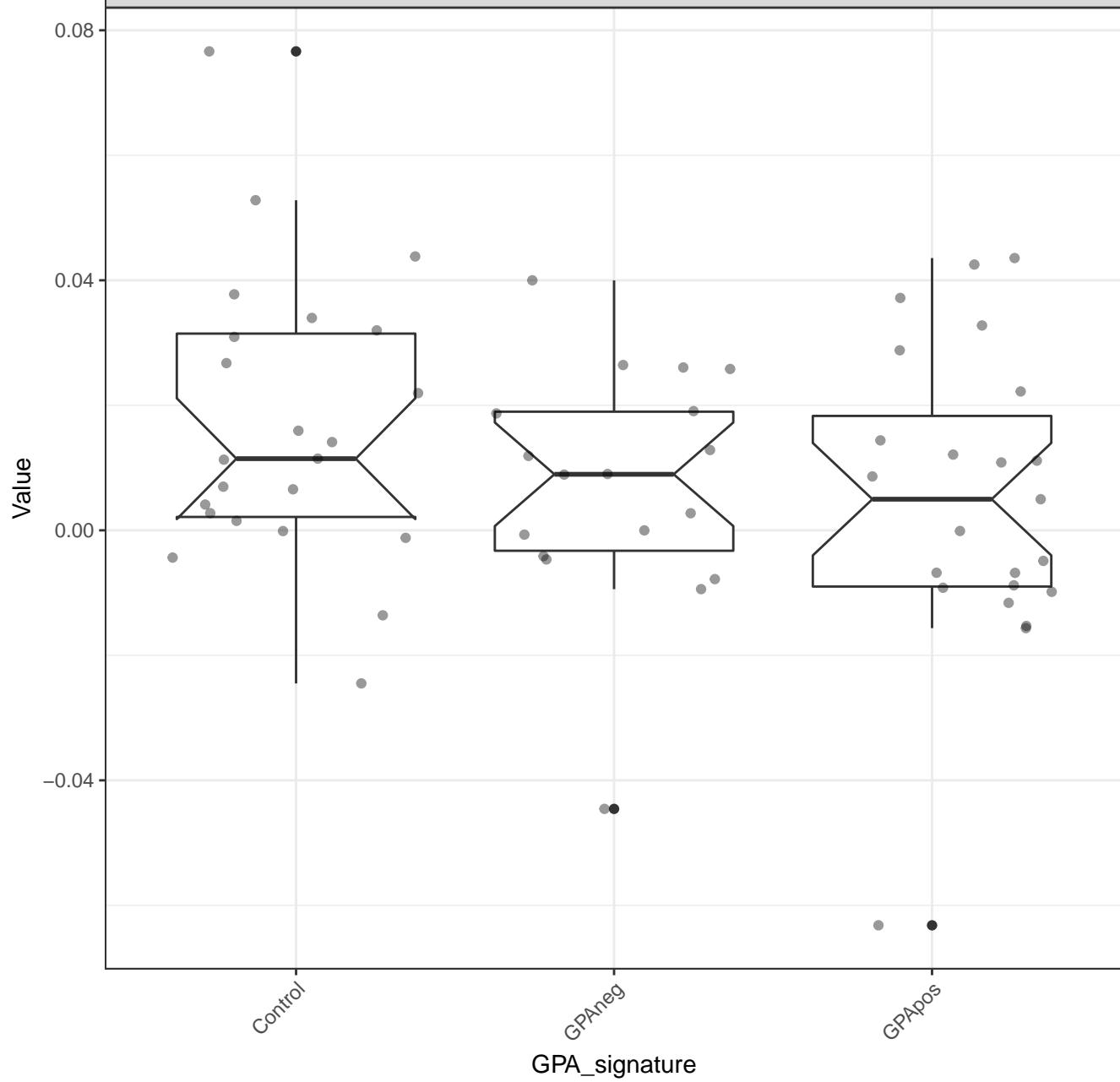
GPAneg

GPAPos

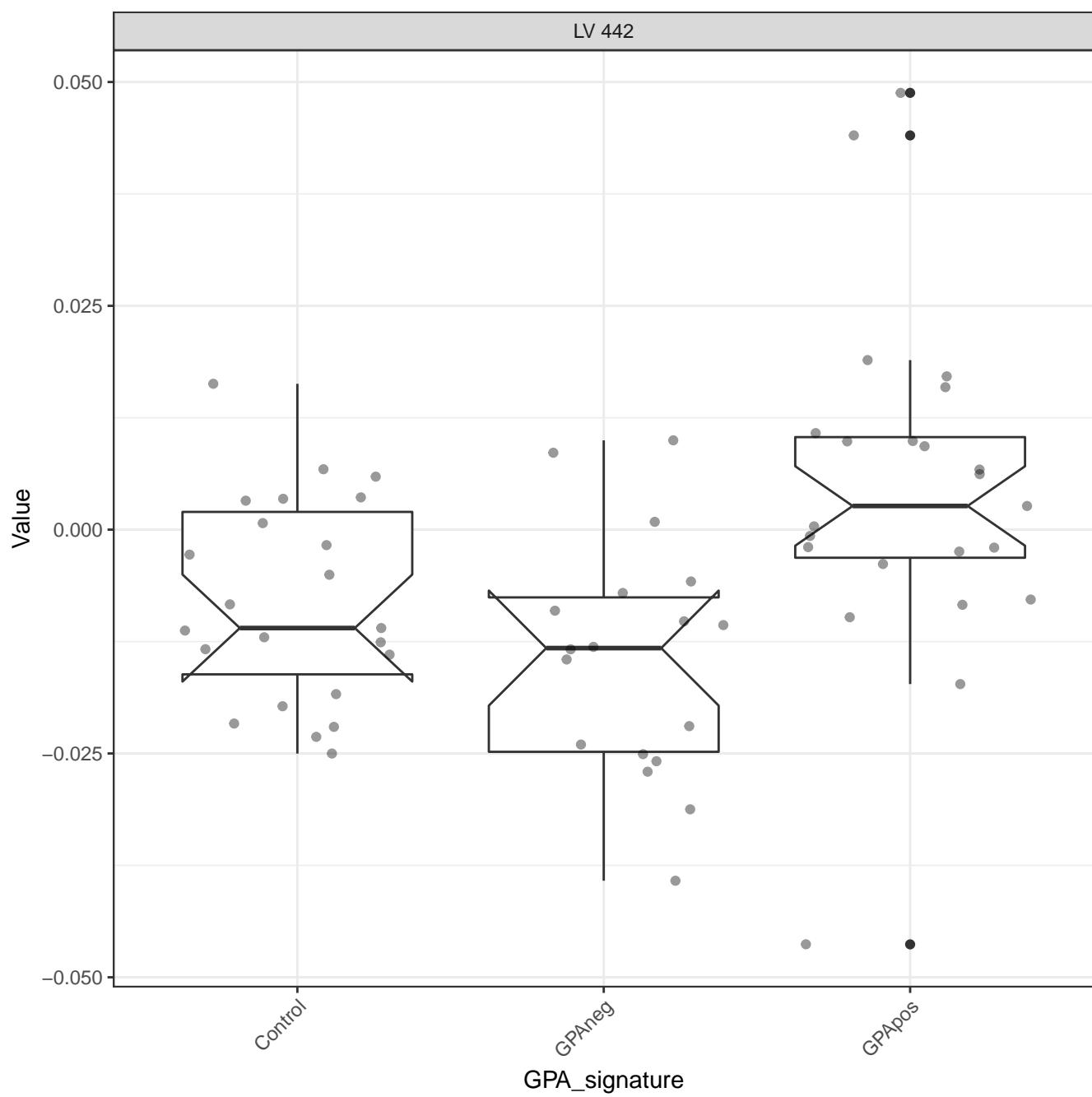
GPA_signature



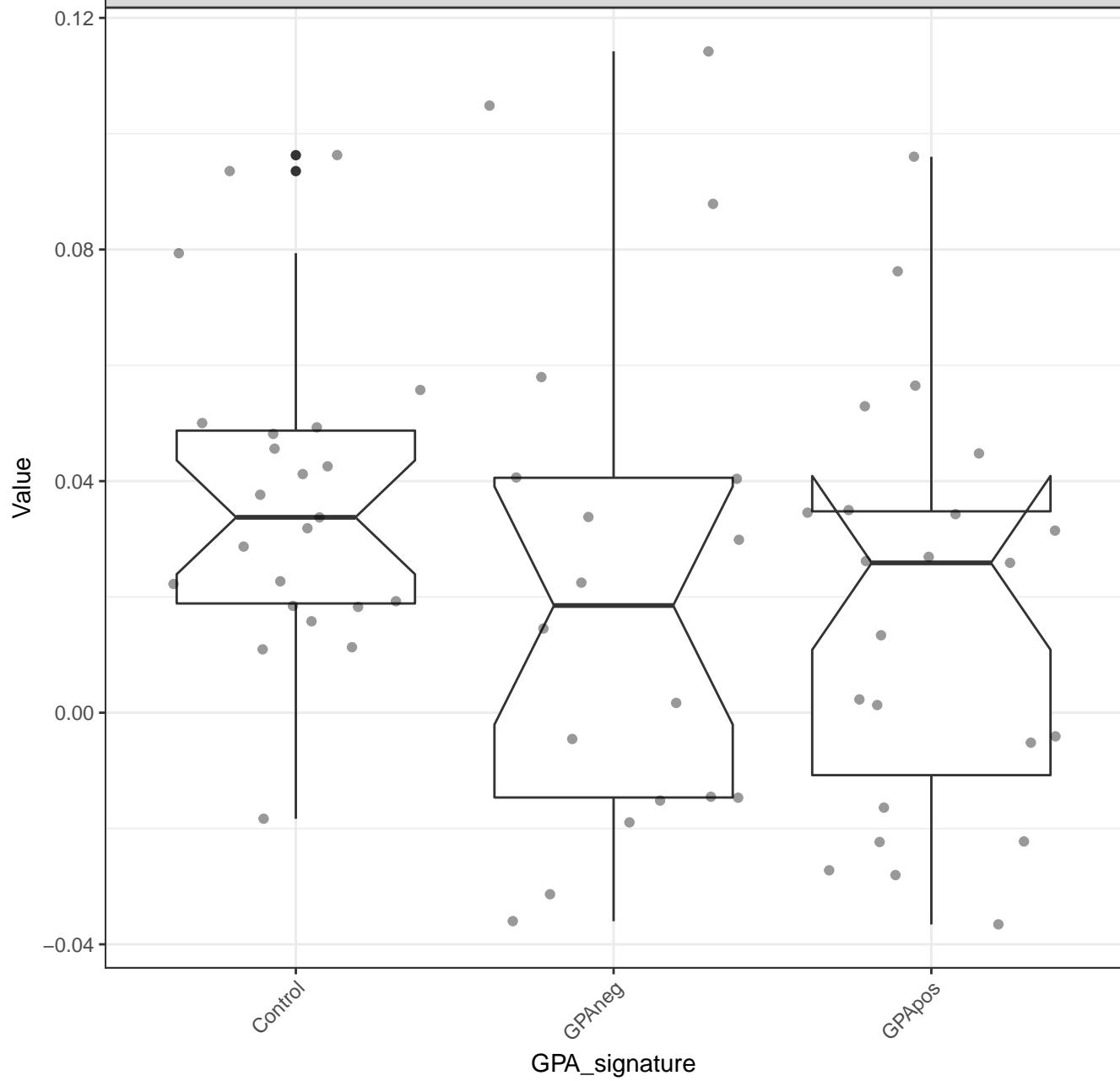
LV 441



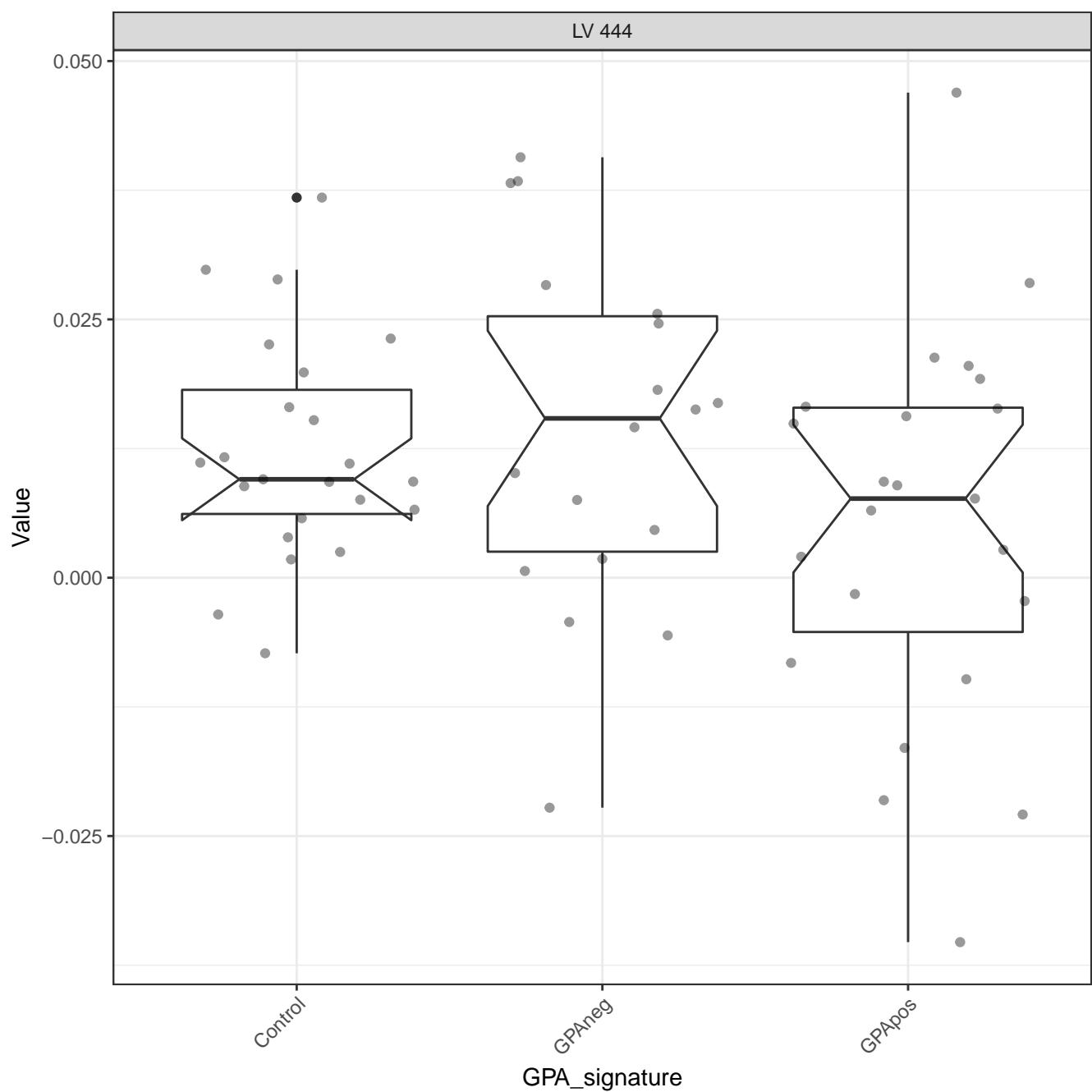
LV 442



443,DMAP_NKA2



LV 444



LV 445

Value

0.06

0.04

0.02

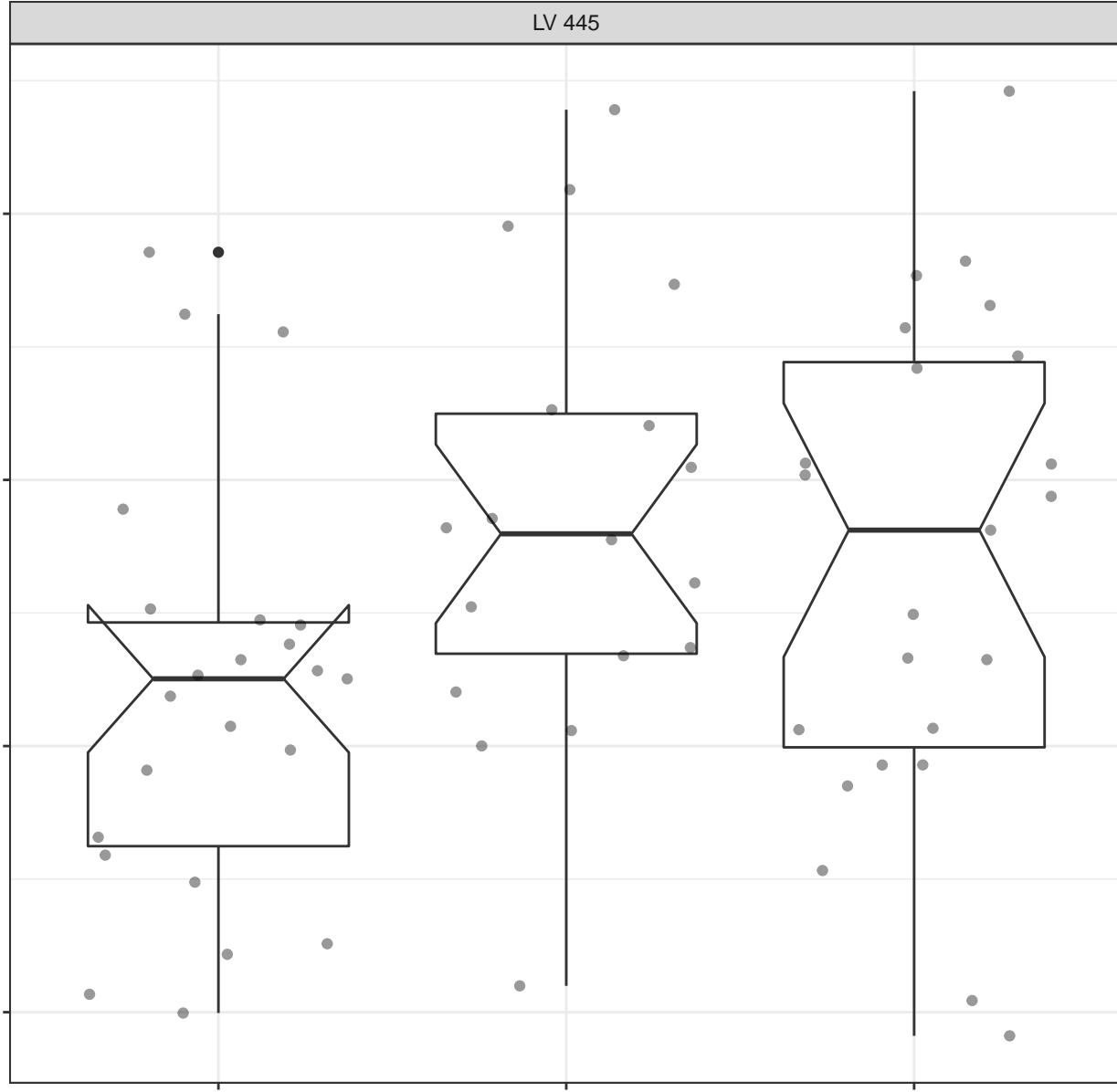
0.01

Control

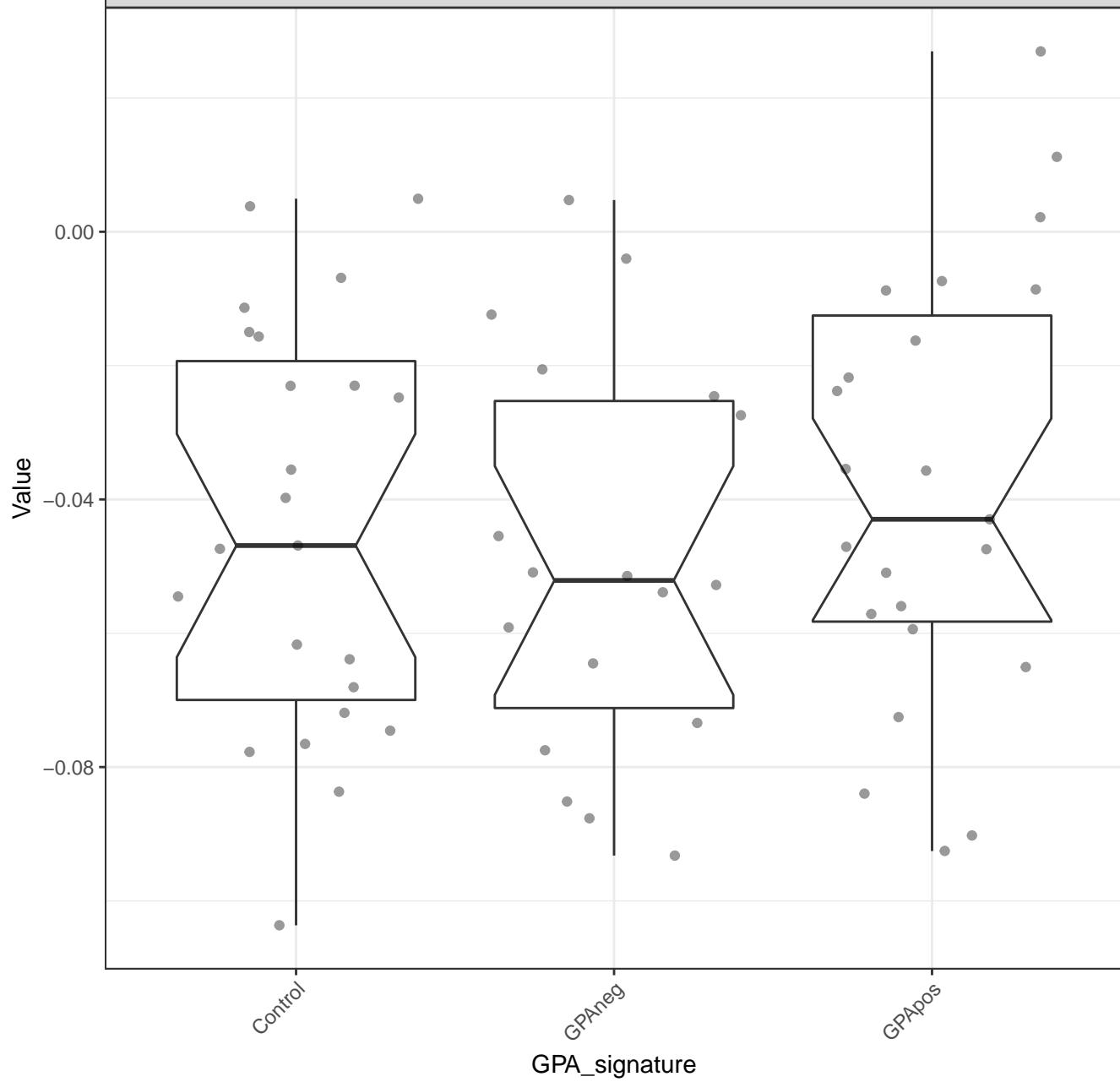
GPA_signature

GPAneg

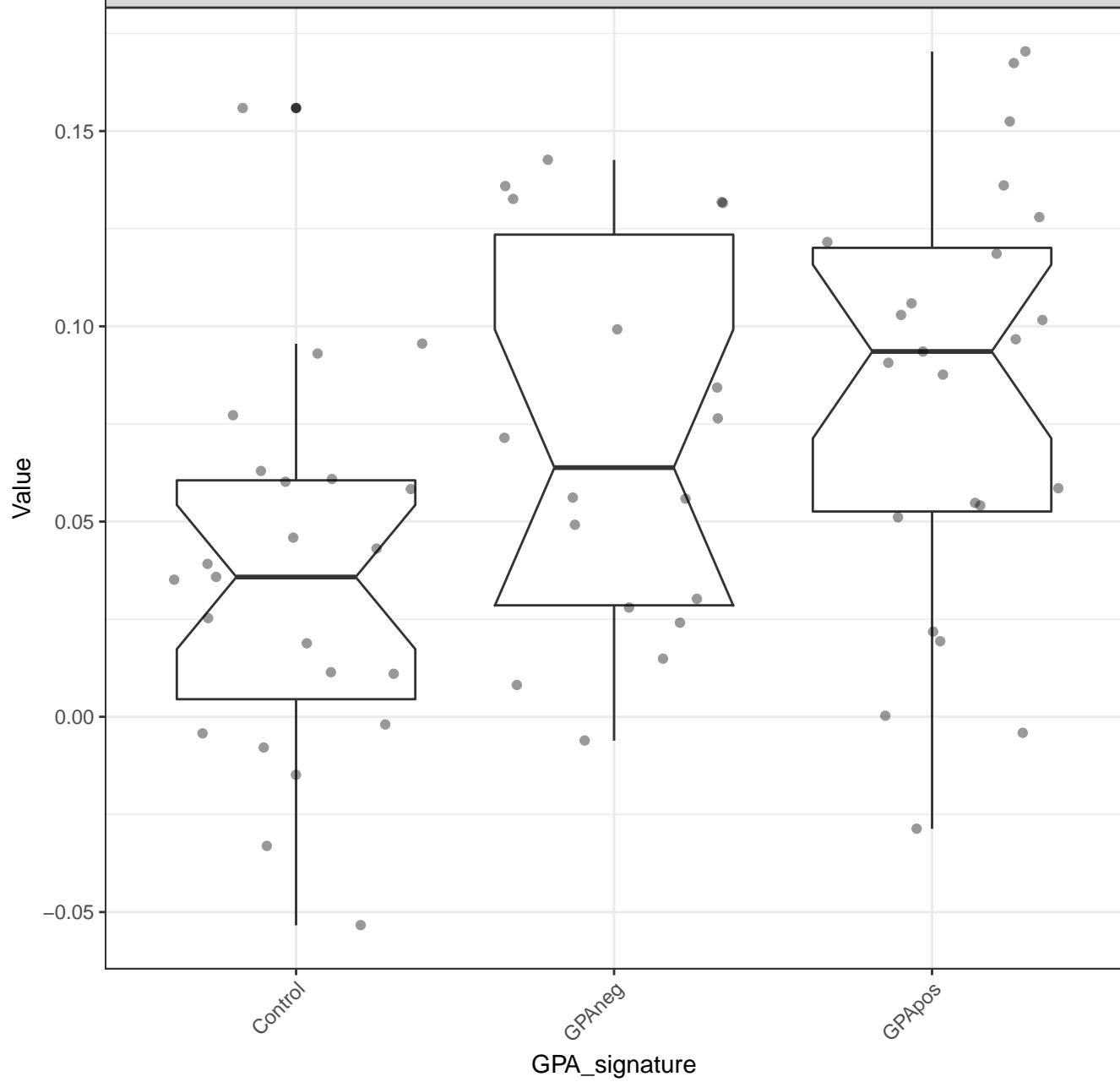
GPApos



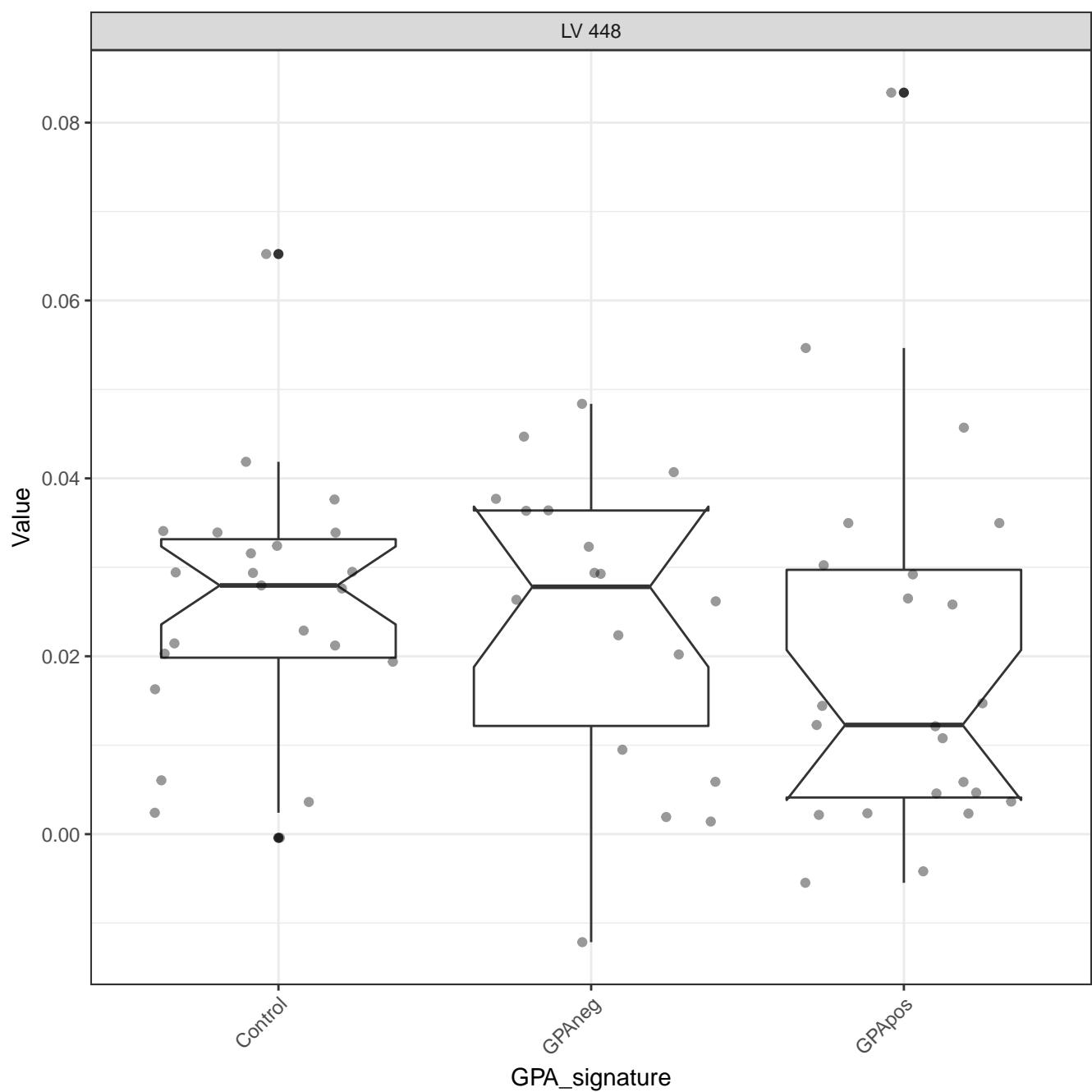
LV 446



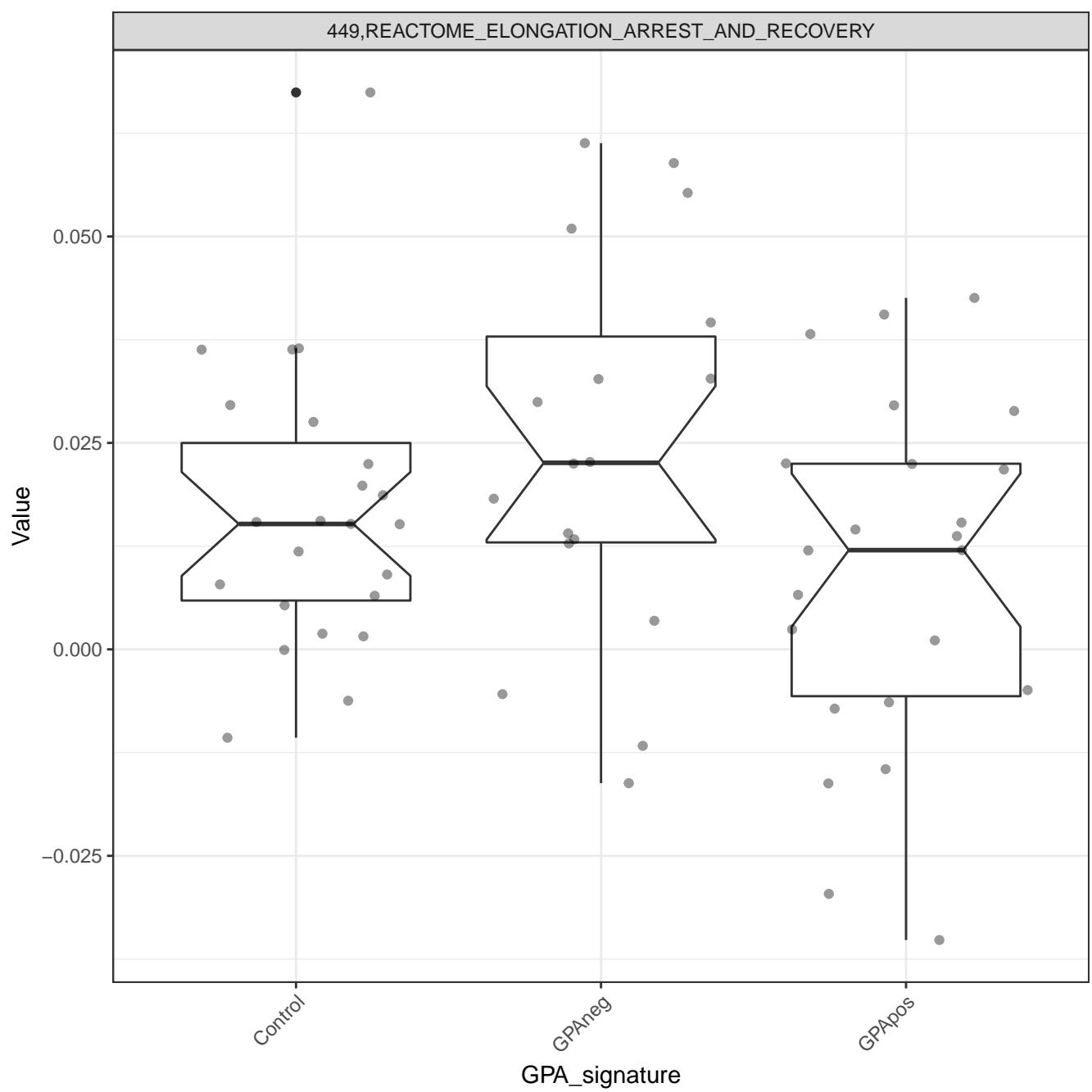
447,KEGG_LYSOSOME



LV 448



449,REACTOME_ELONGATION_ARREST_AND_RECOVERY



LV 450

Value

0.05

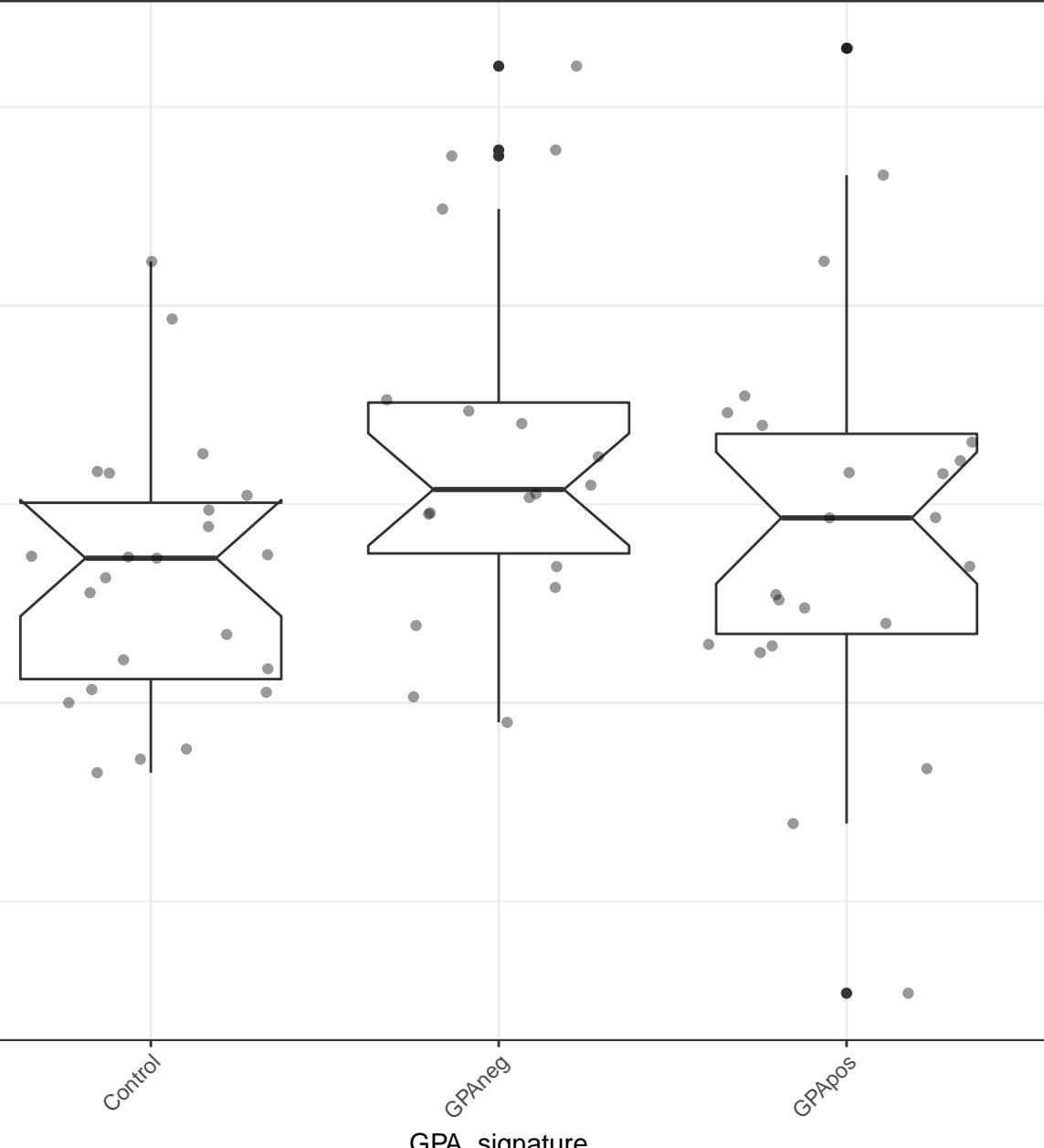
0.00

Control

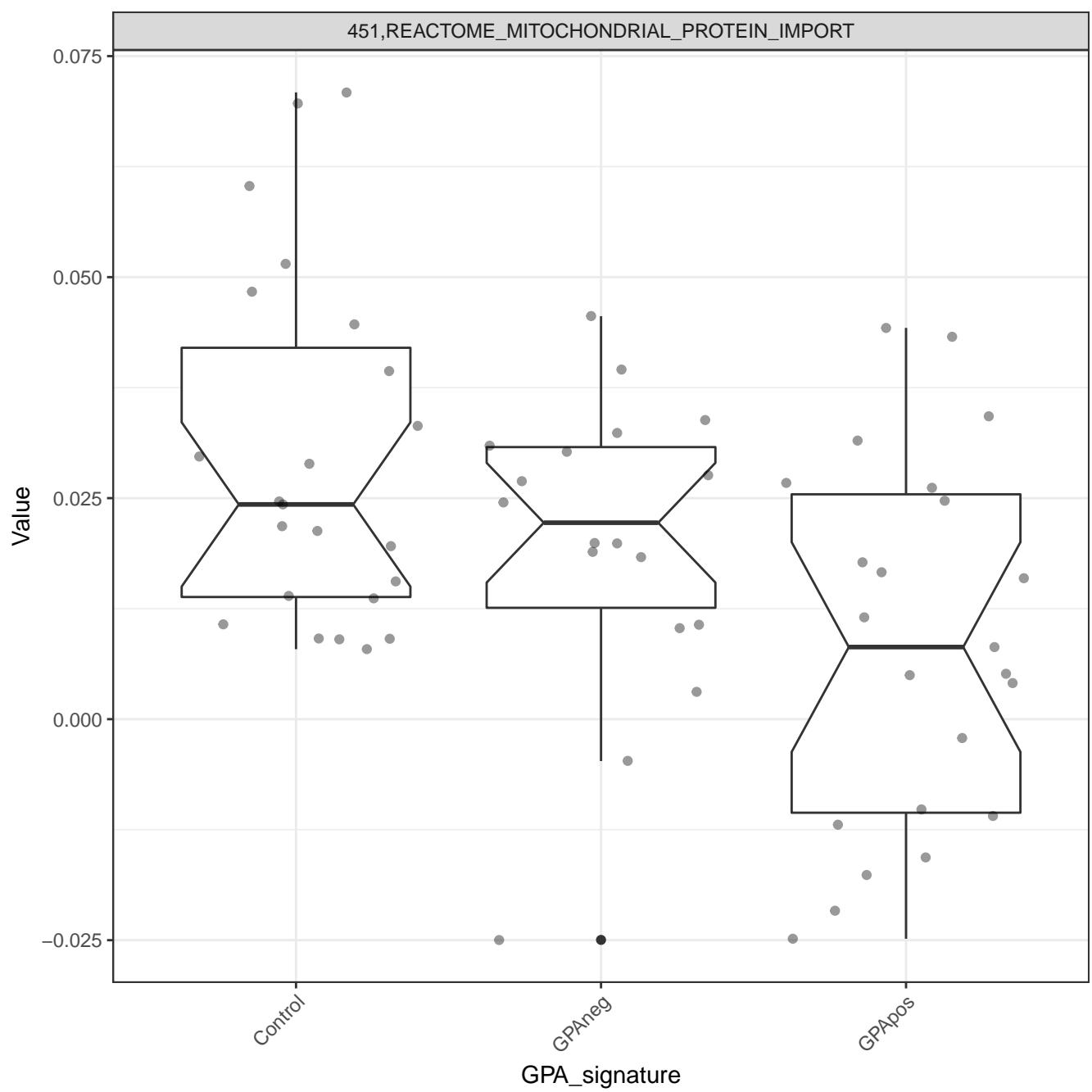
GPA_signature

GPAneg

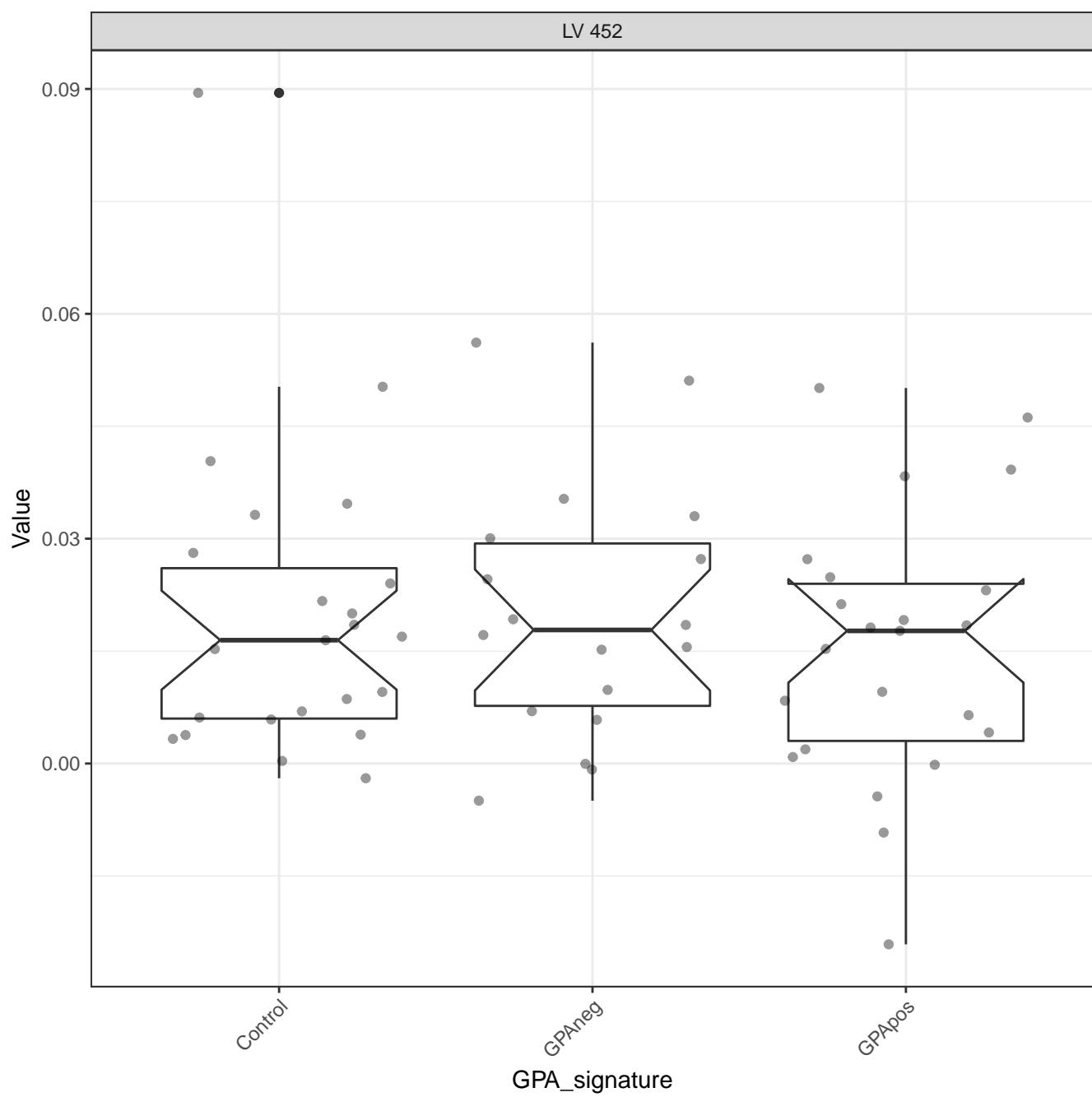
GPAPos

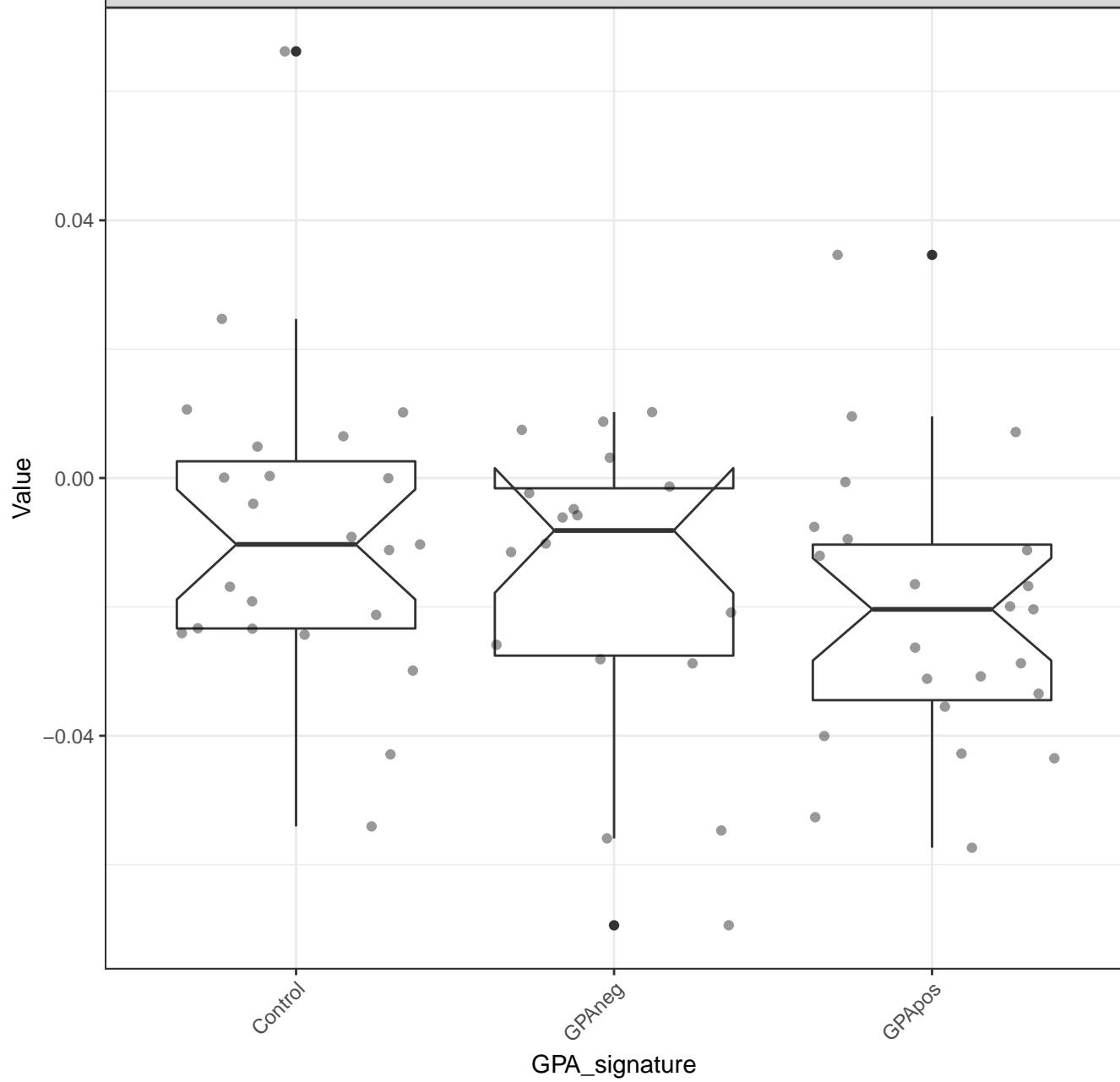


451,REACTOME MITOCHONDRIAL PROTEIN IMPORT

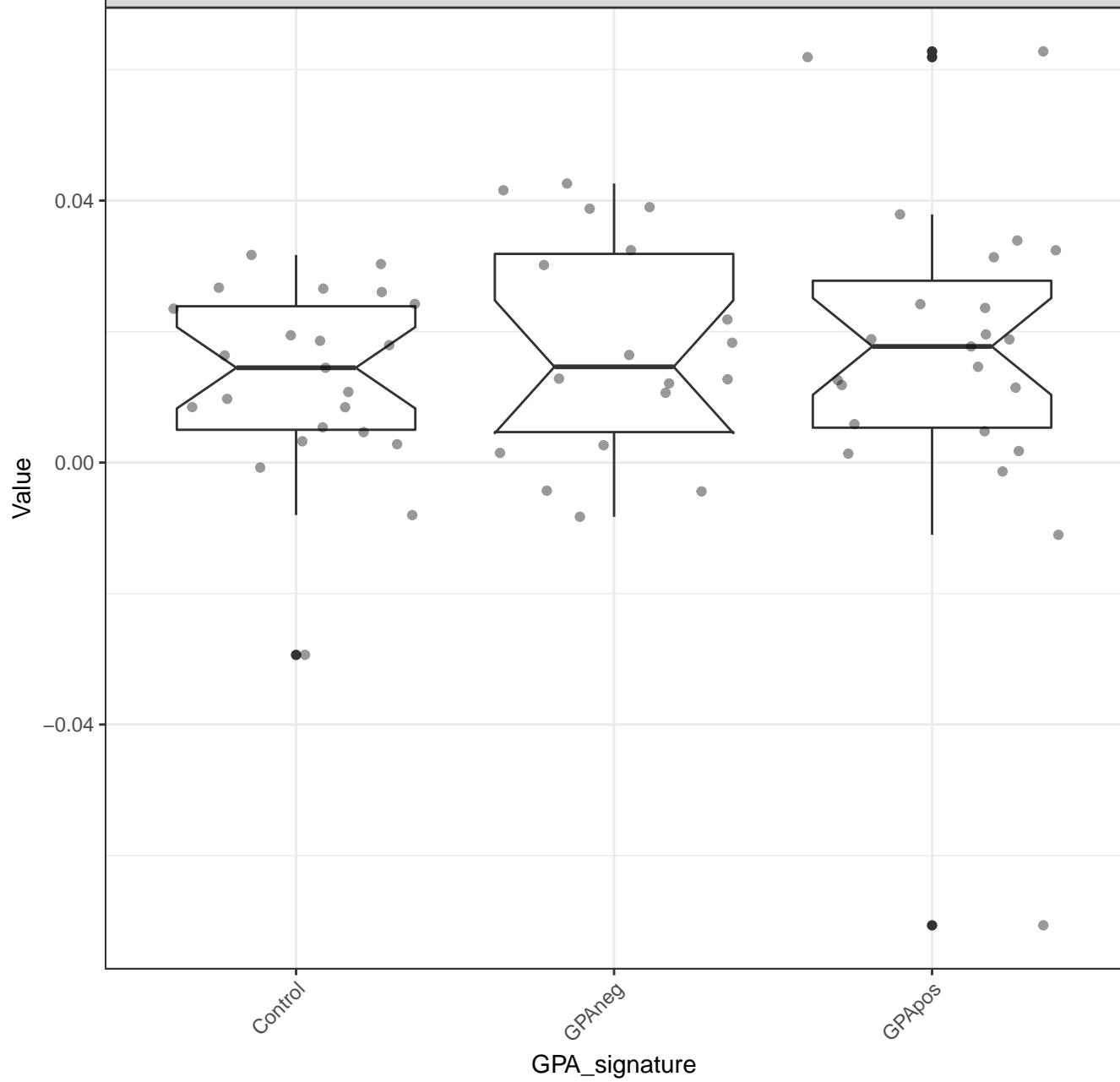


LV 452





LV 454



LV 455

Value

0.025

0.000

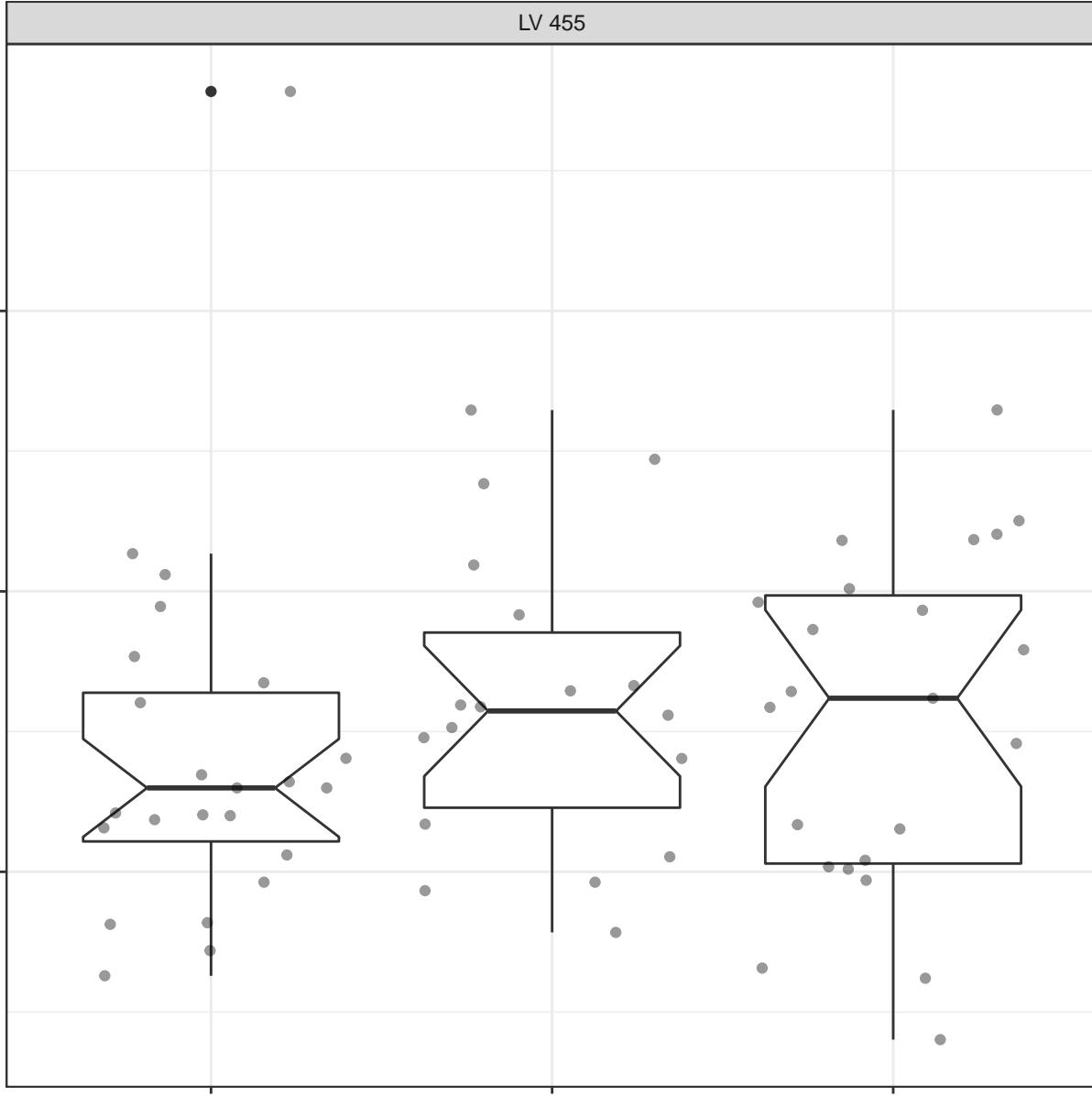
-0.025

Control

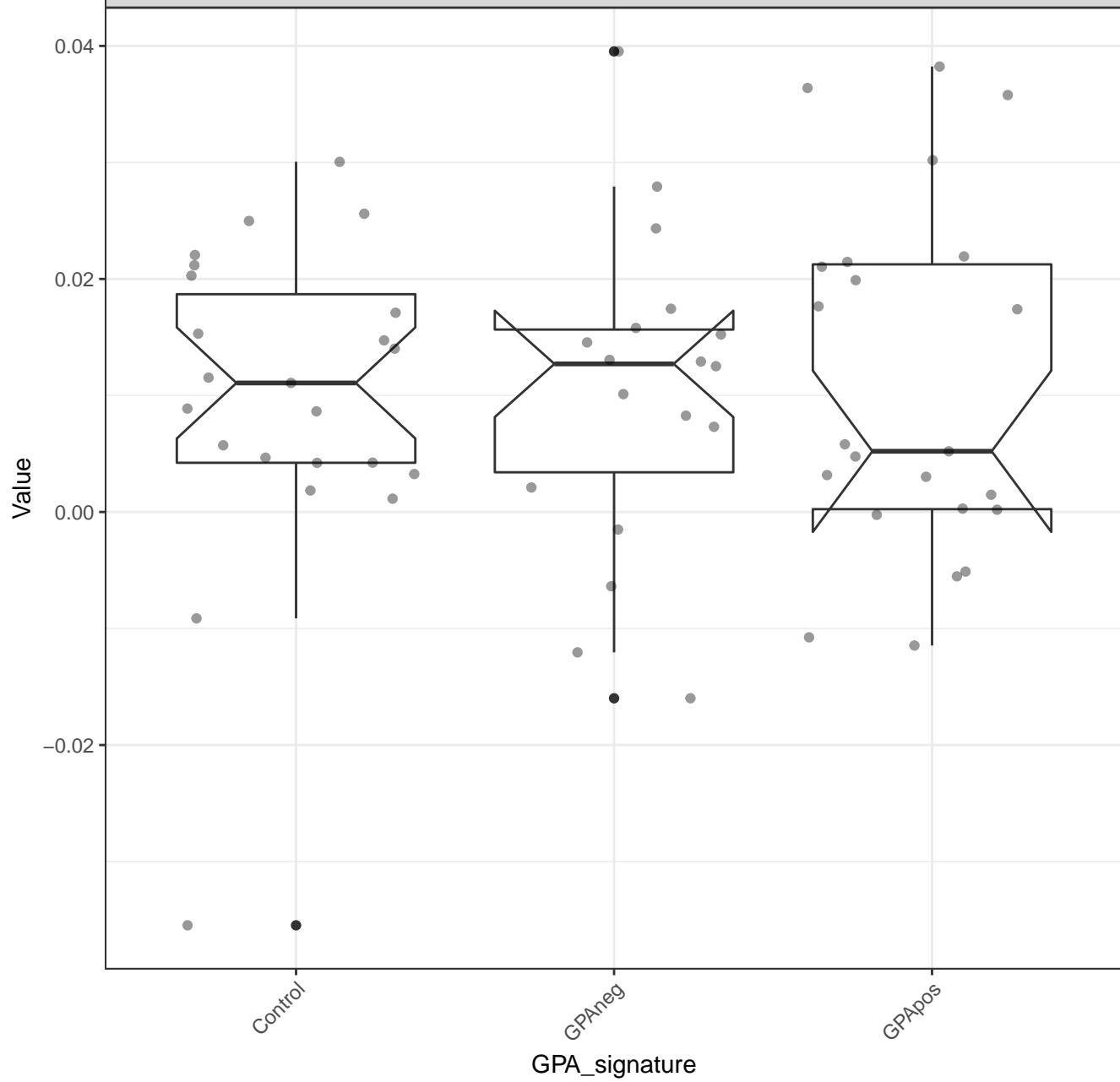
GPA_signature

GPAneg

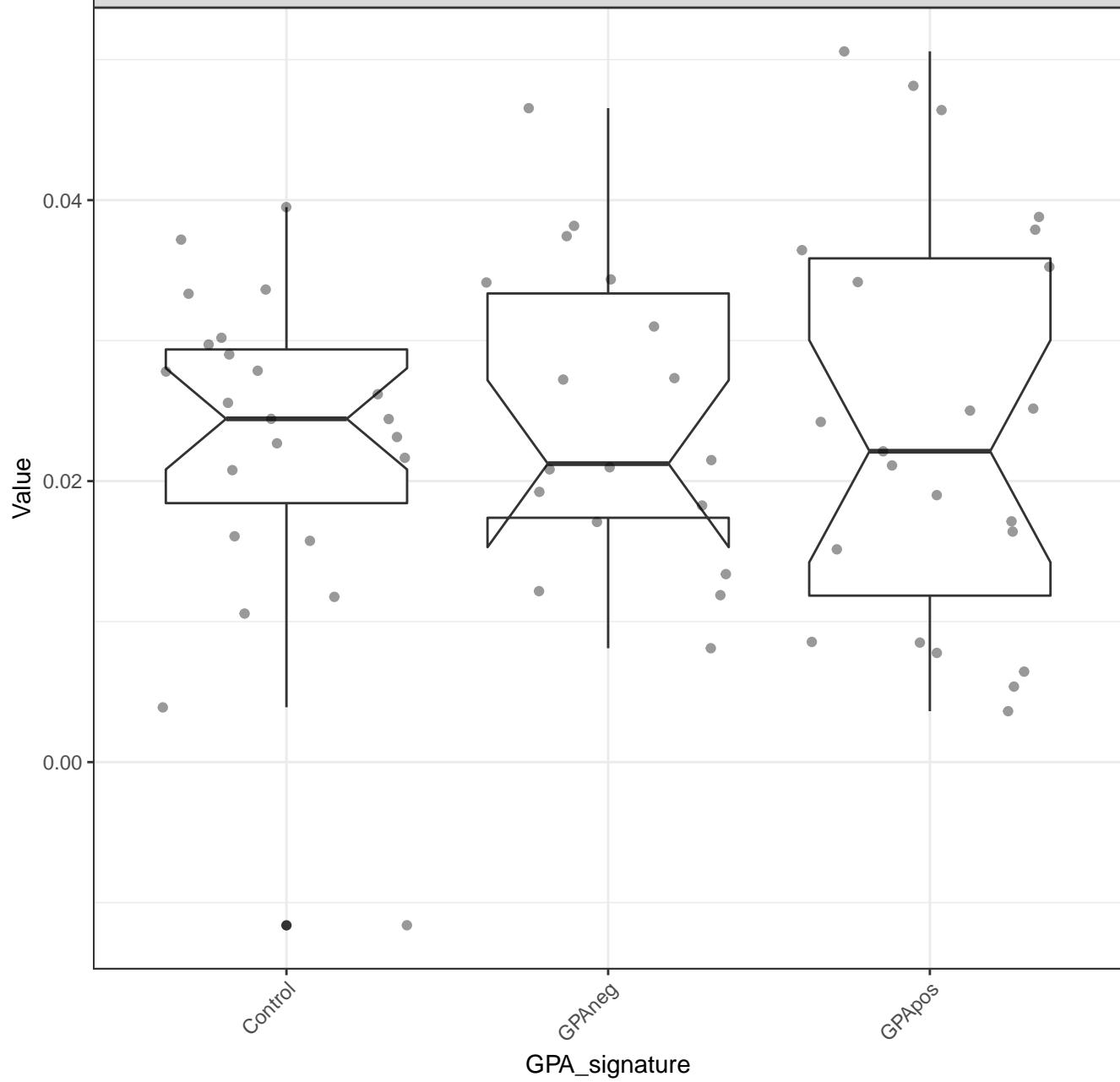
GPAPos



LV 456



LV 457



LV 458

Value

0.10

0.05

0.00

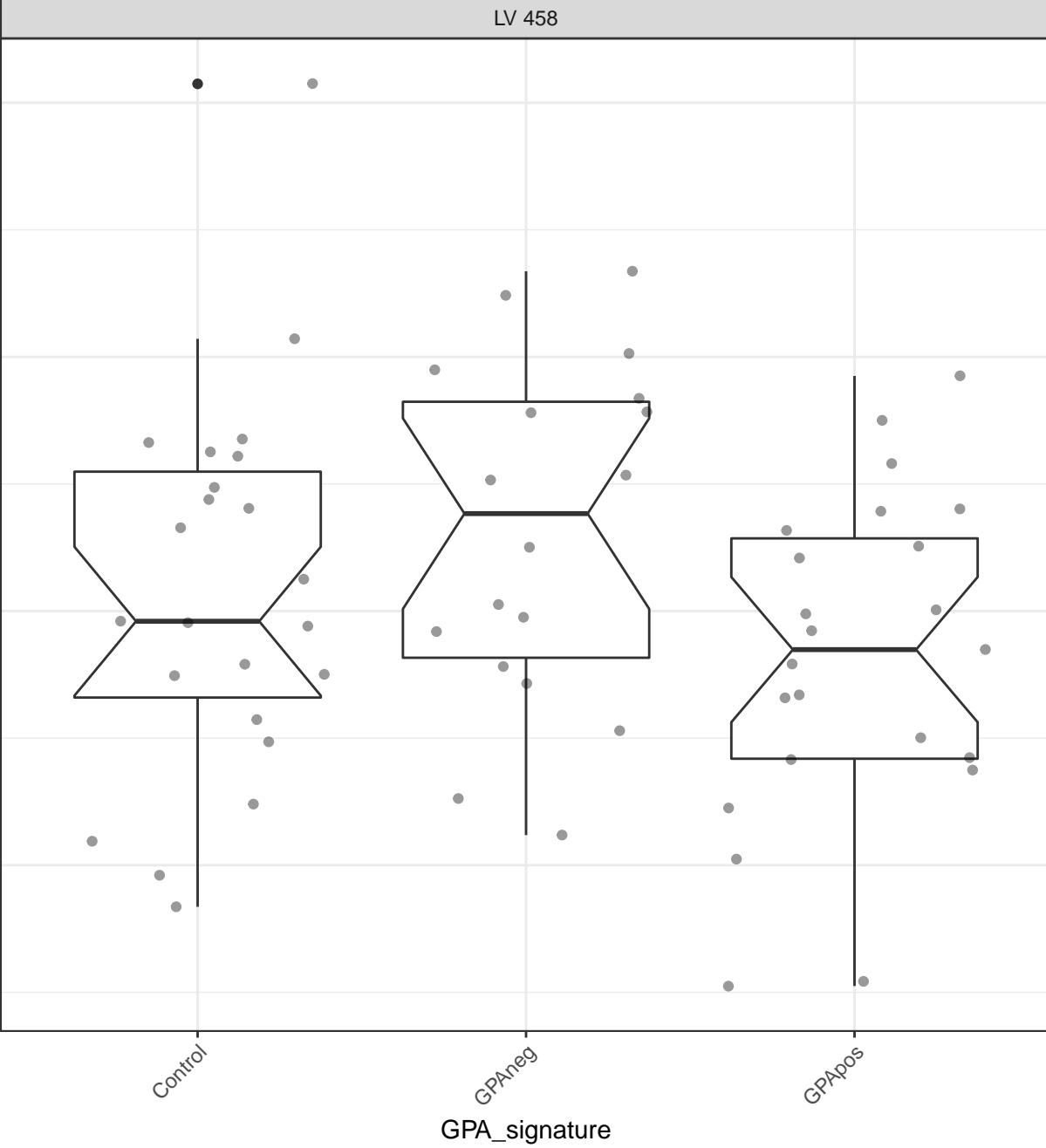
-0.05

Control

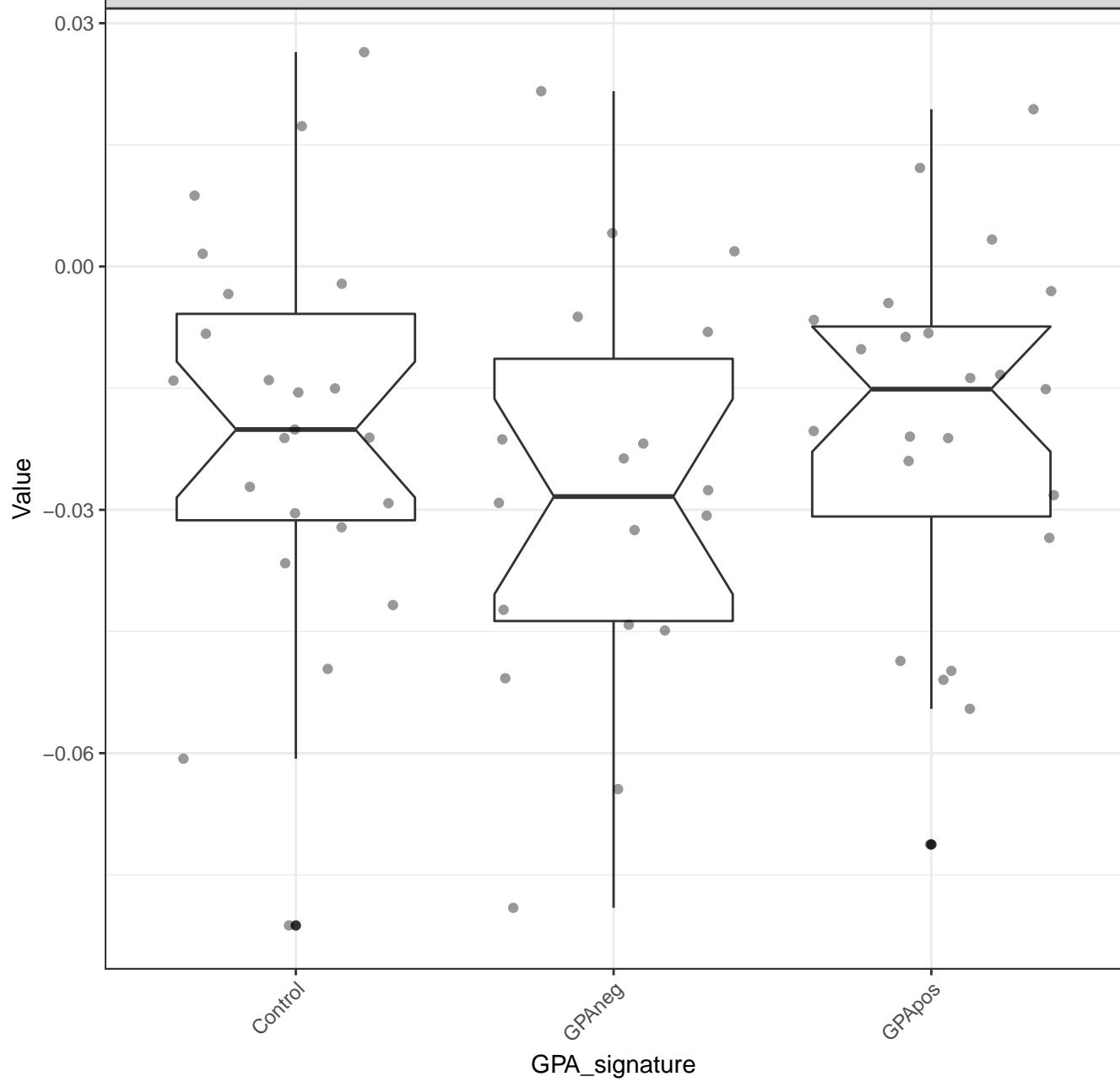
GPAneg

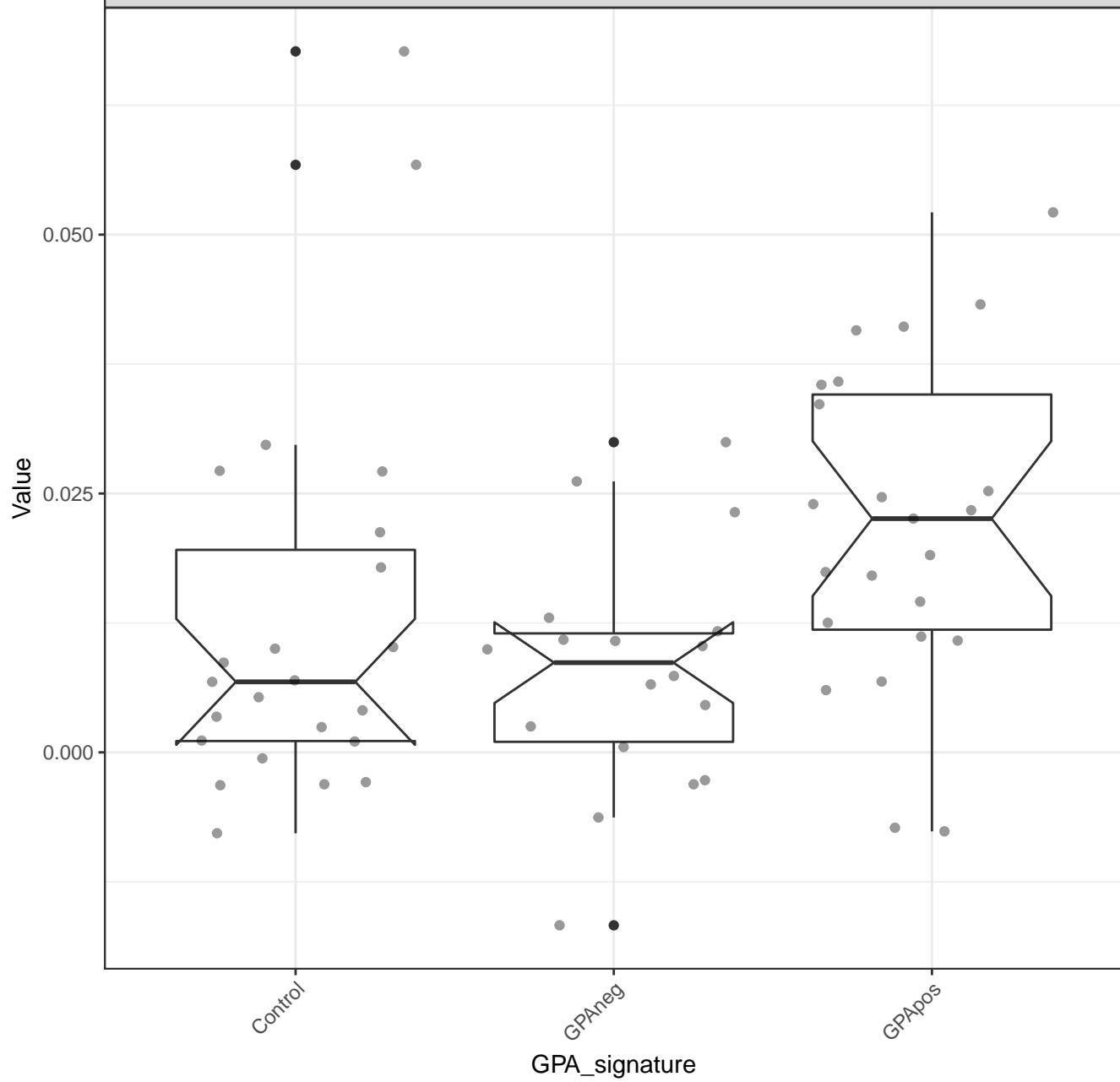
GPApos

GPA_signature

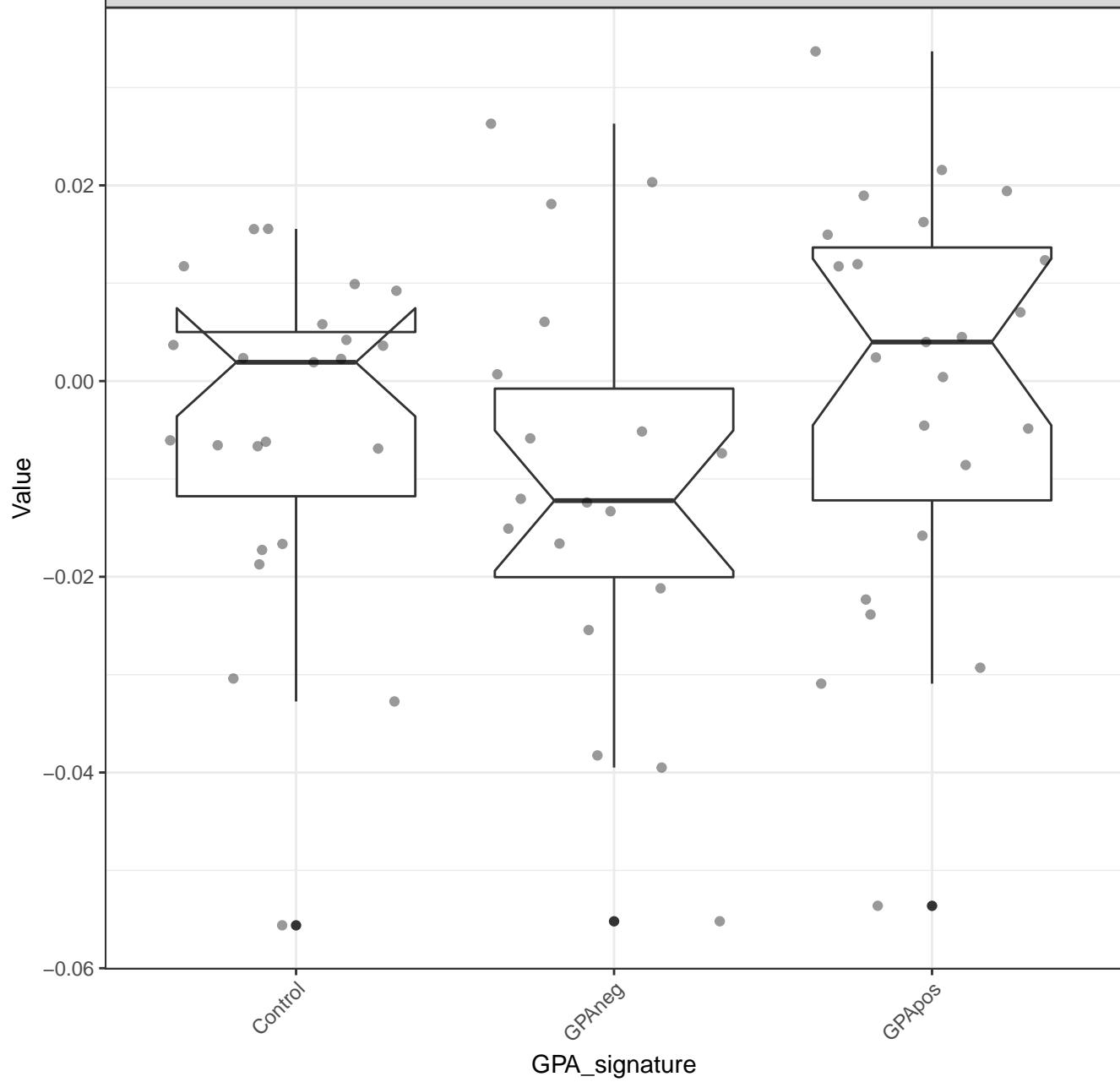


LV 459

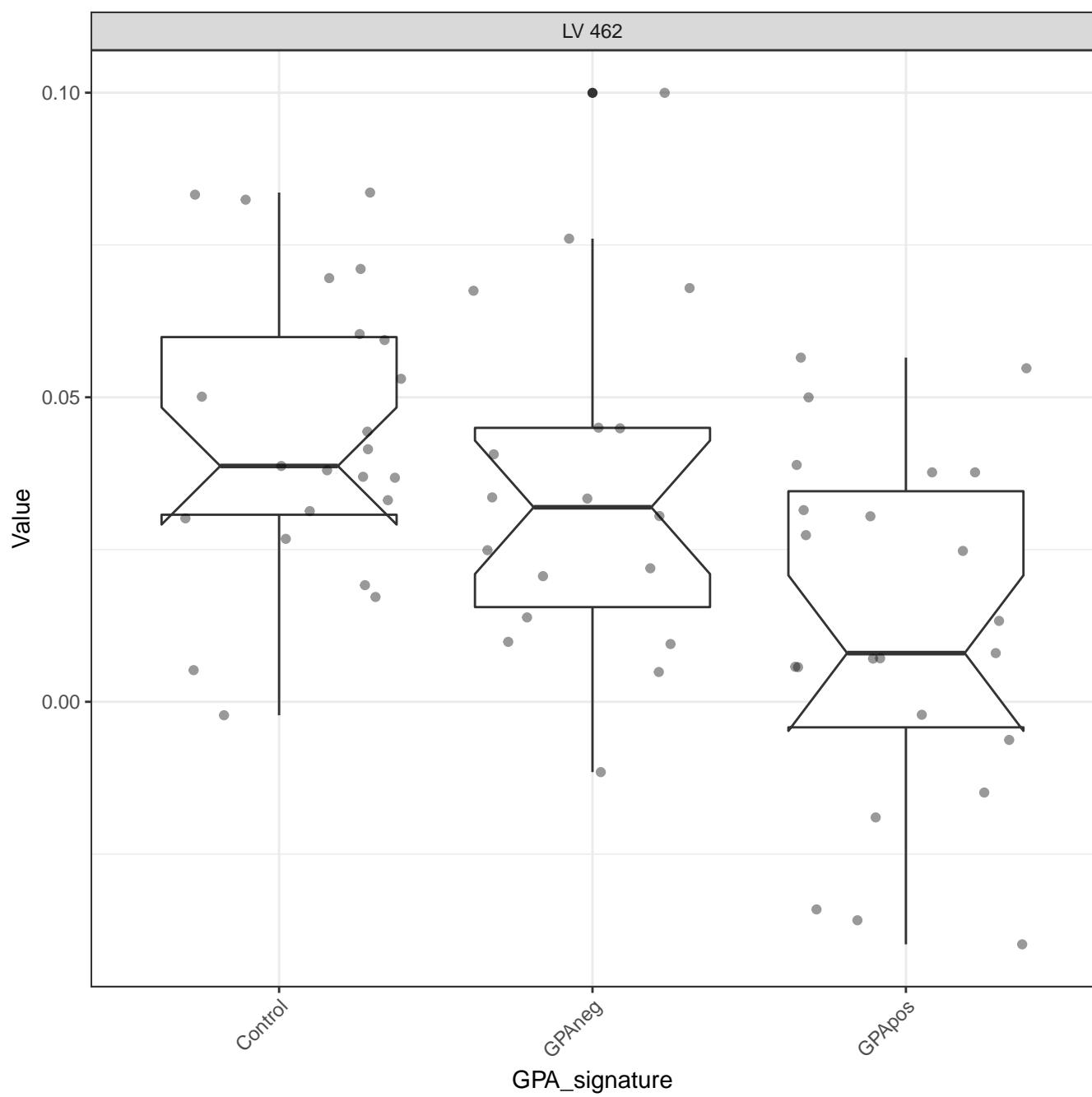




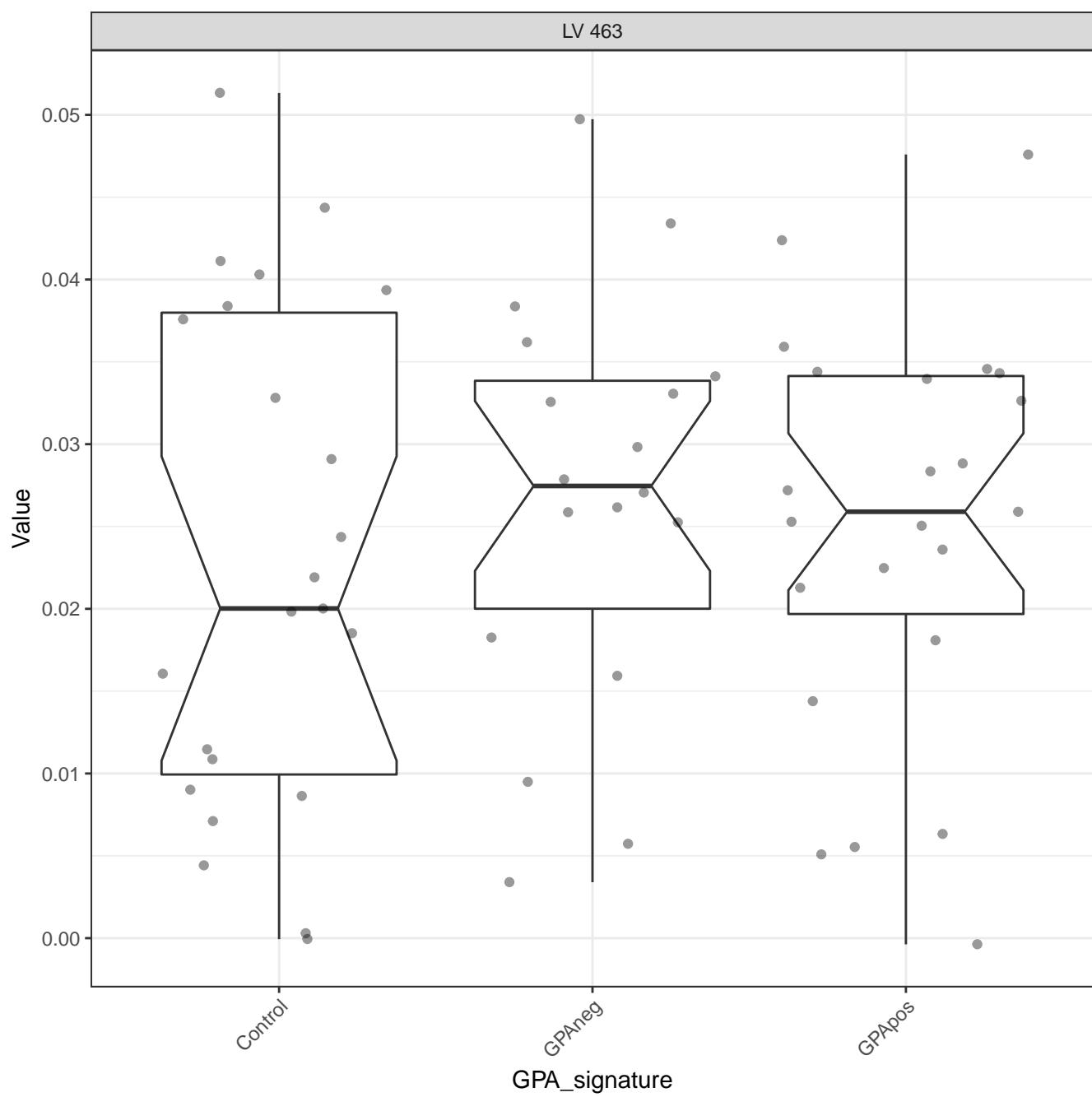
LV 461

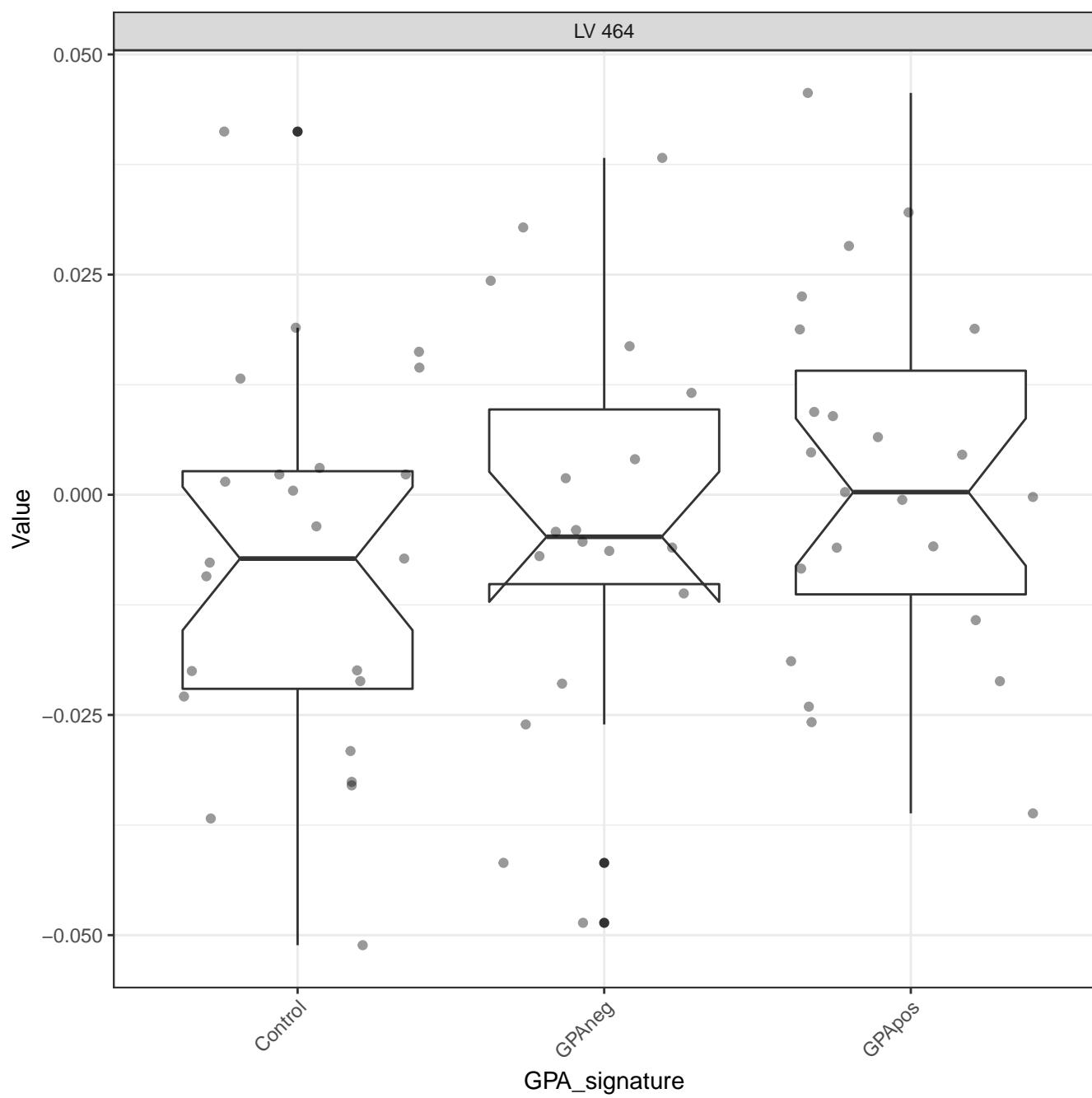


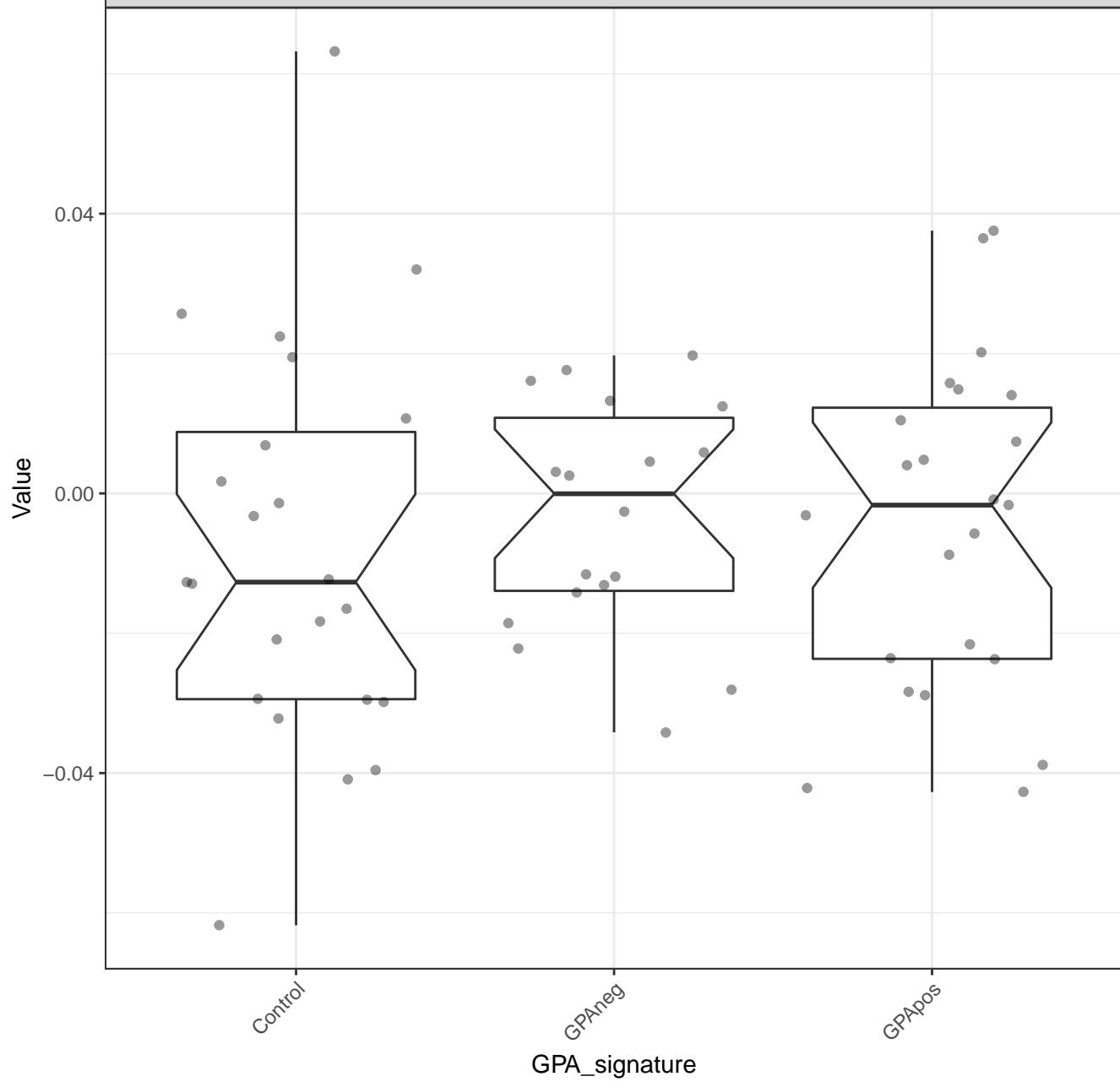
LV 462



LV 463







LV 466

Value

0.050

0.025

0.000

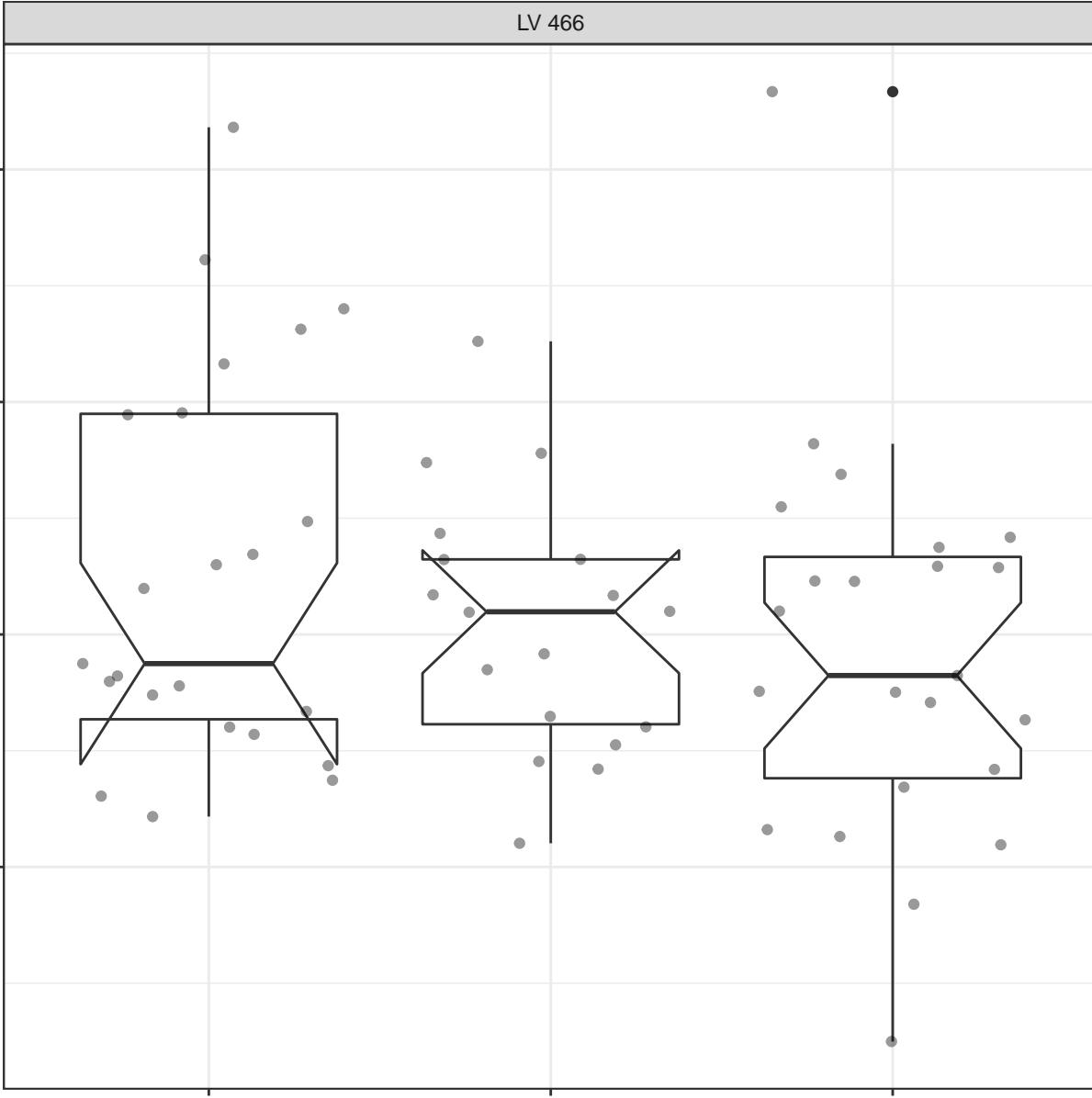
-0.025

Control

GPAneg

GPAPos

GPA_signature



Value

0.04

0.02

0.01

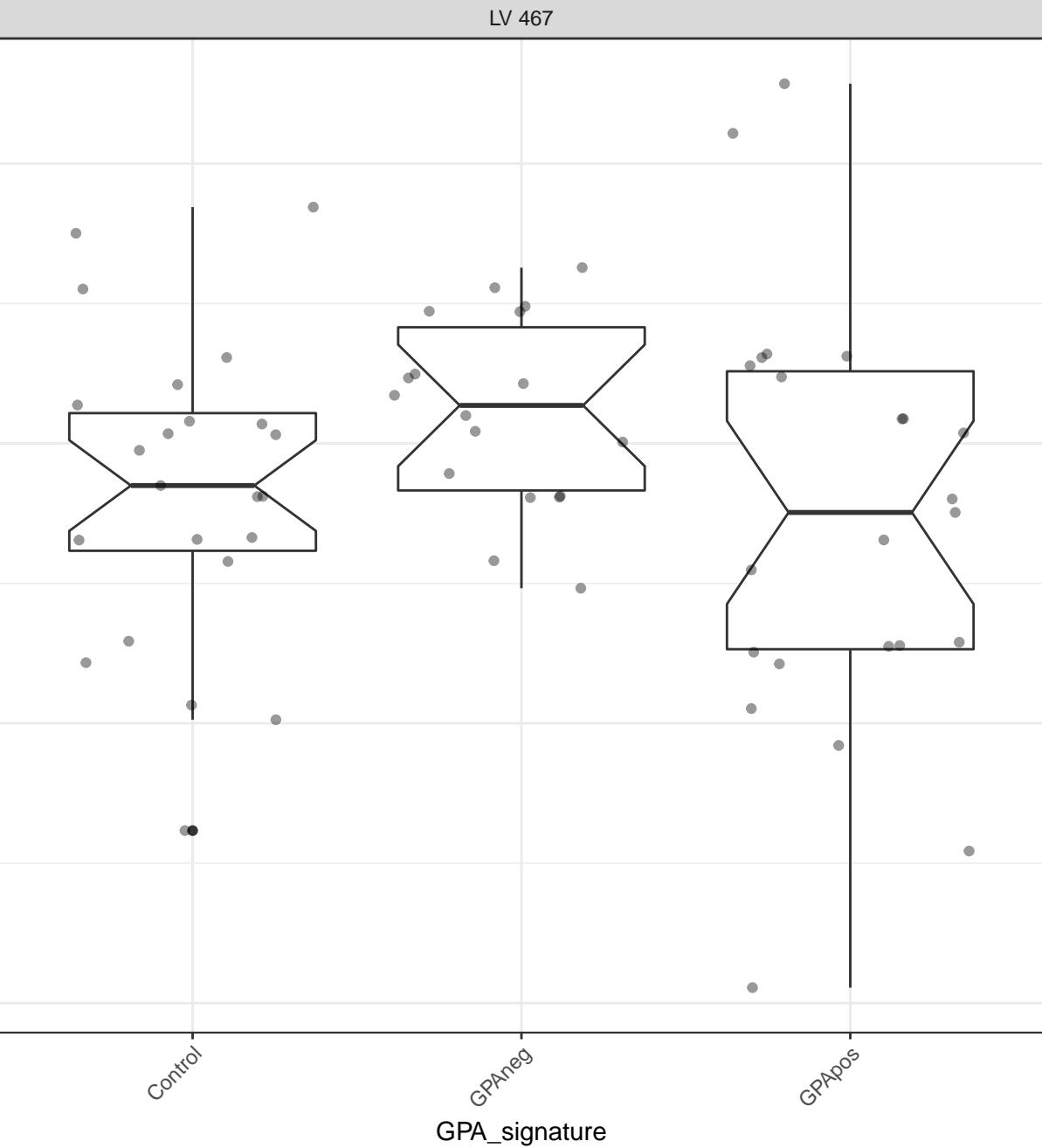
-0.02

Control

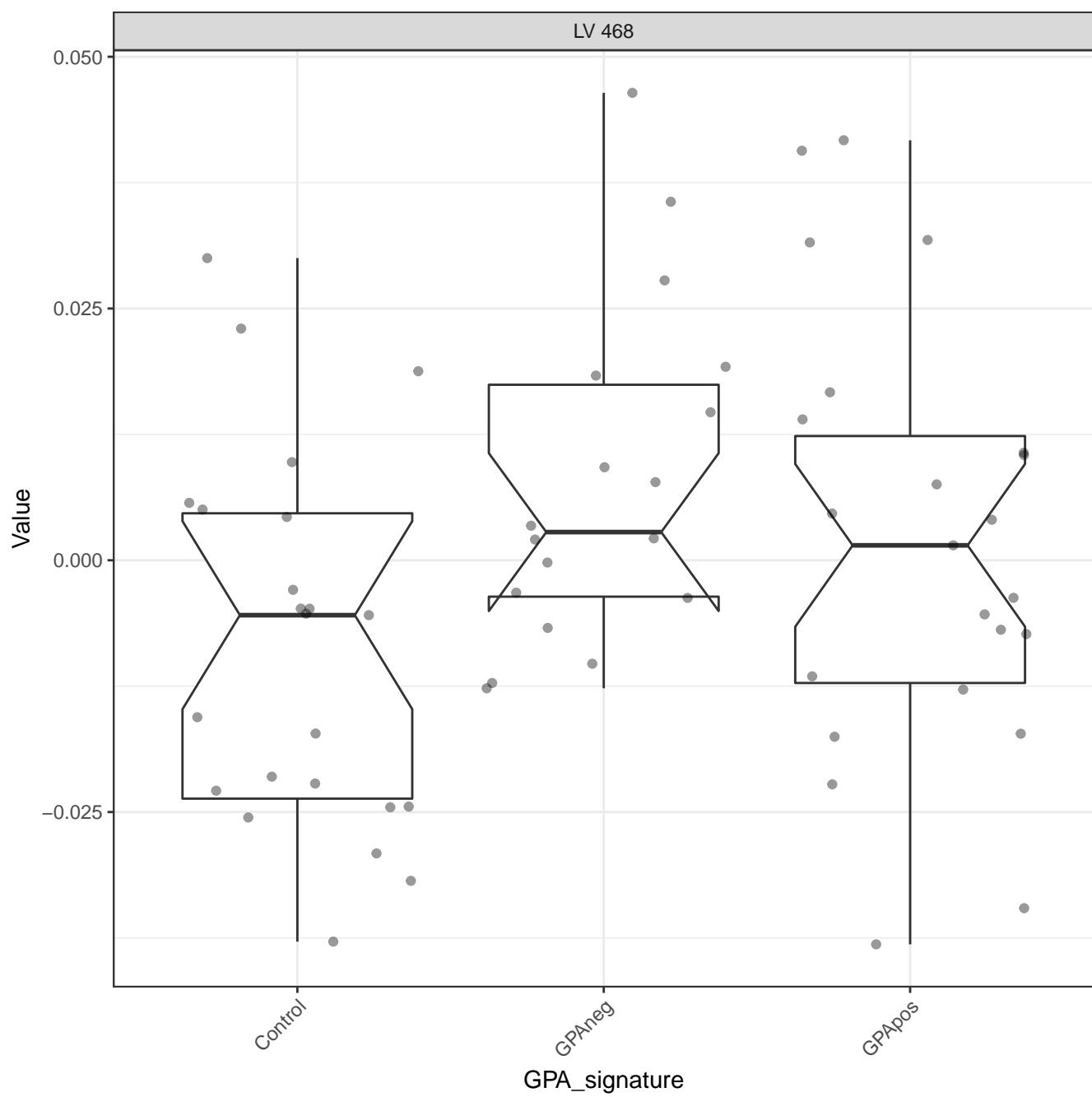
GPA_signature

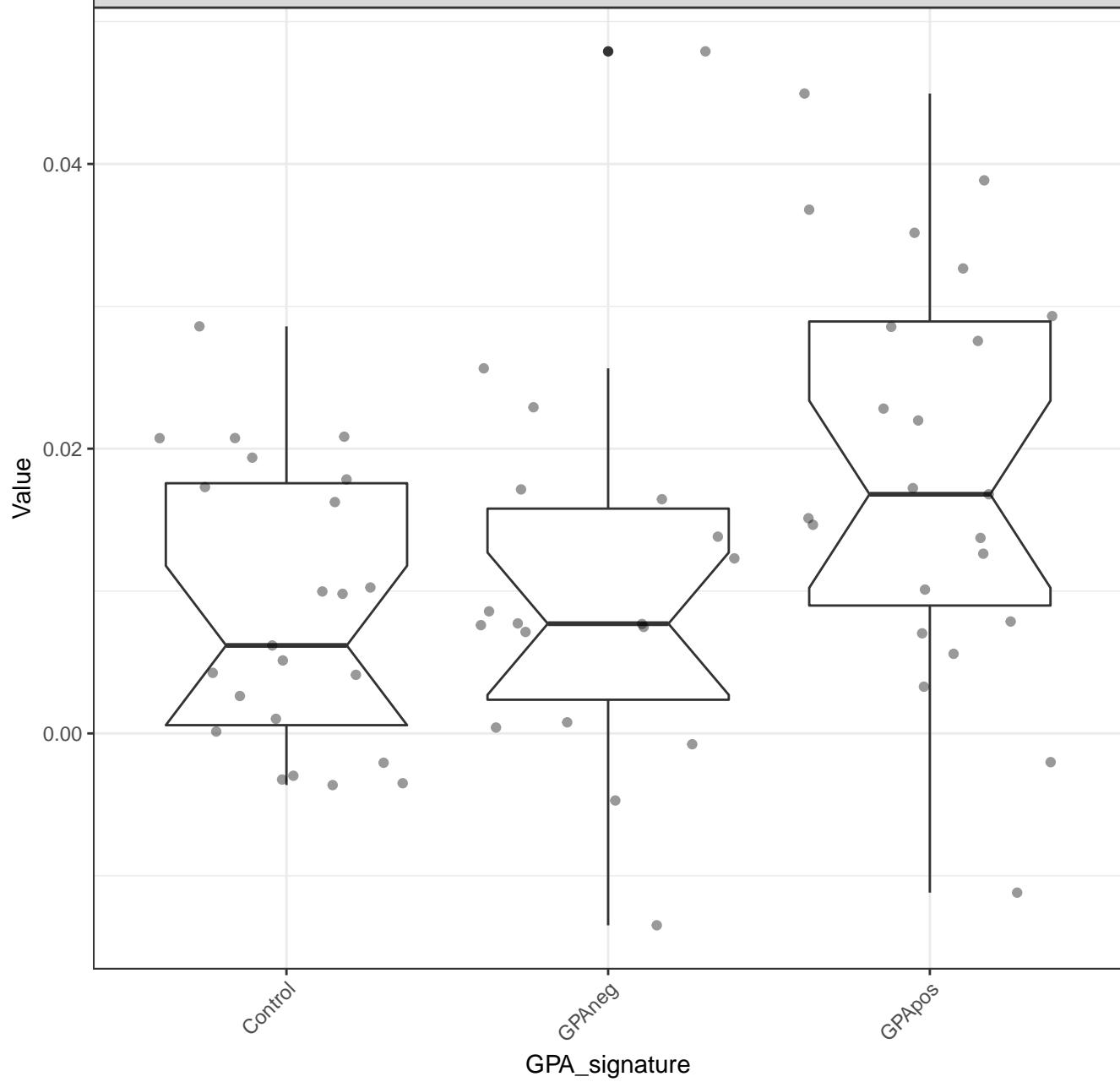
GPAneg

GPAPos



LV 468





LV 470

Value

0.05

0.00

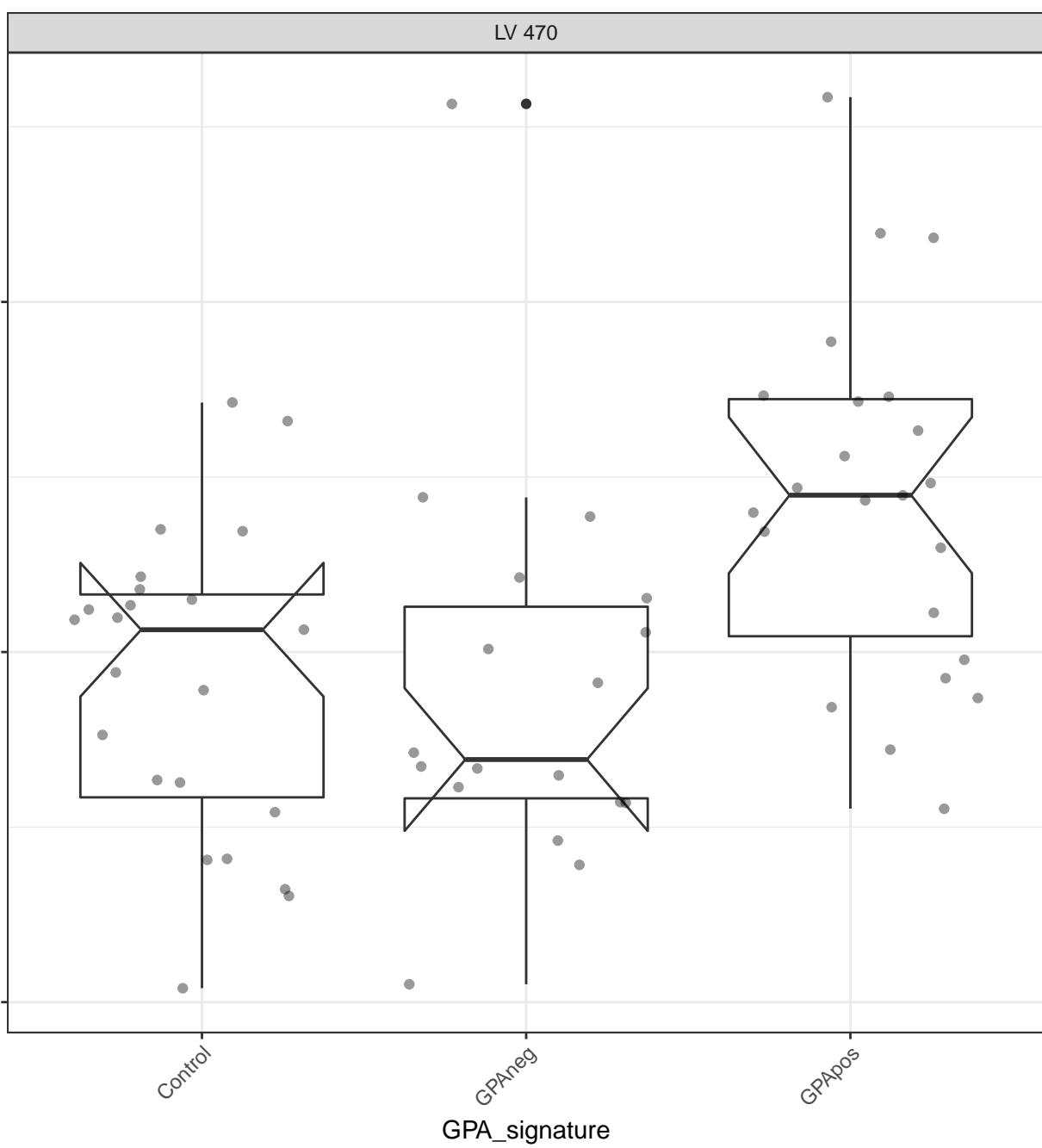
-0.05

Control

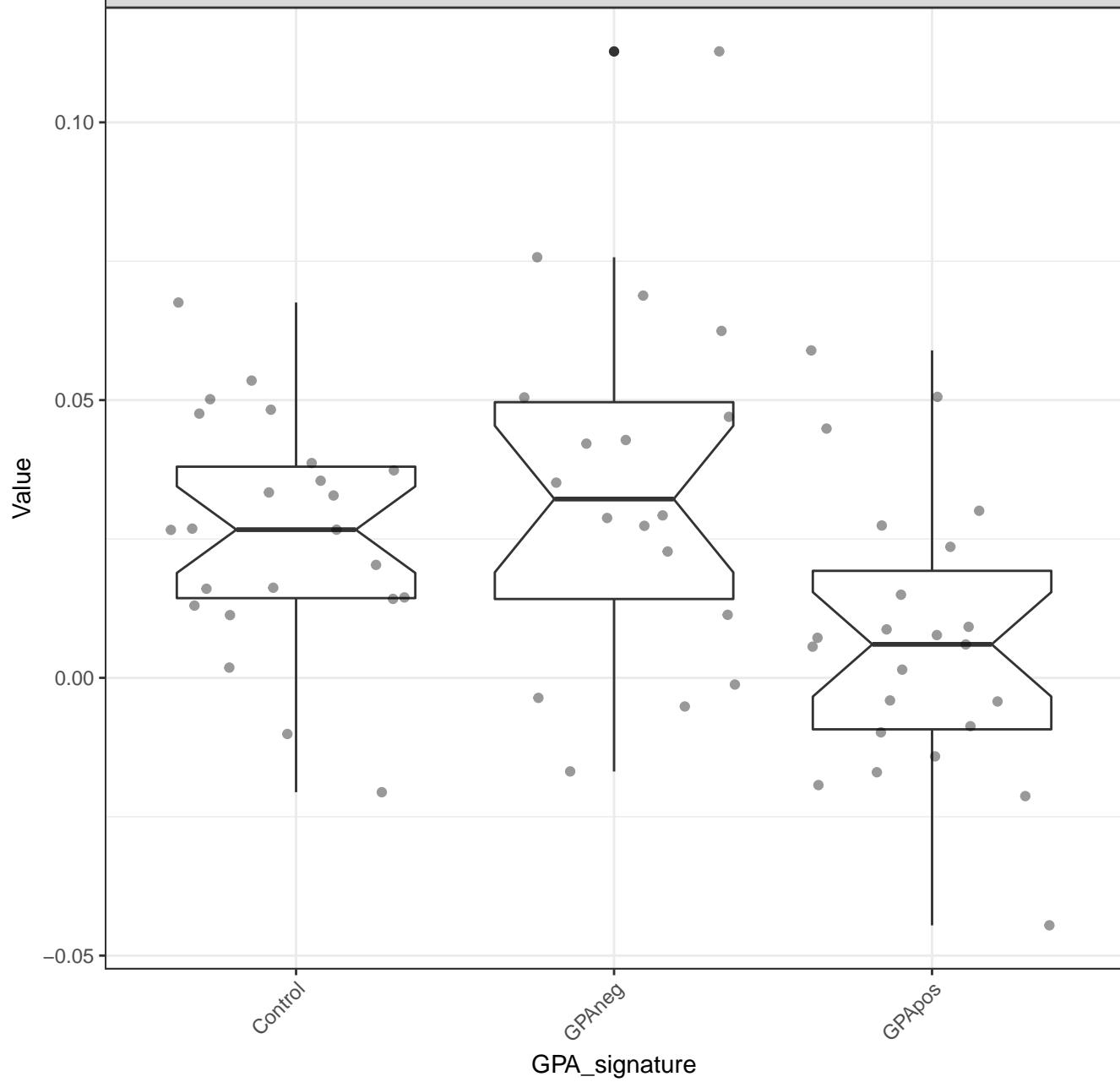
GPA_signature

GPAneg

GPAPos



LV 471



Value

0.05

0.00

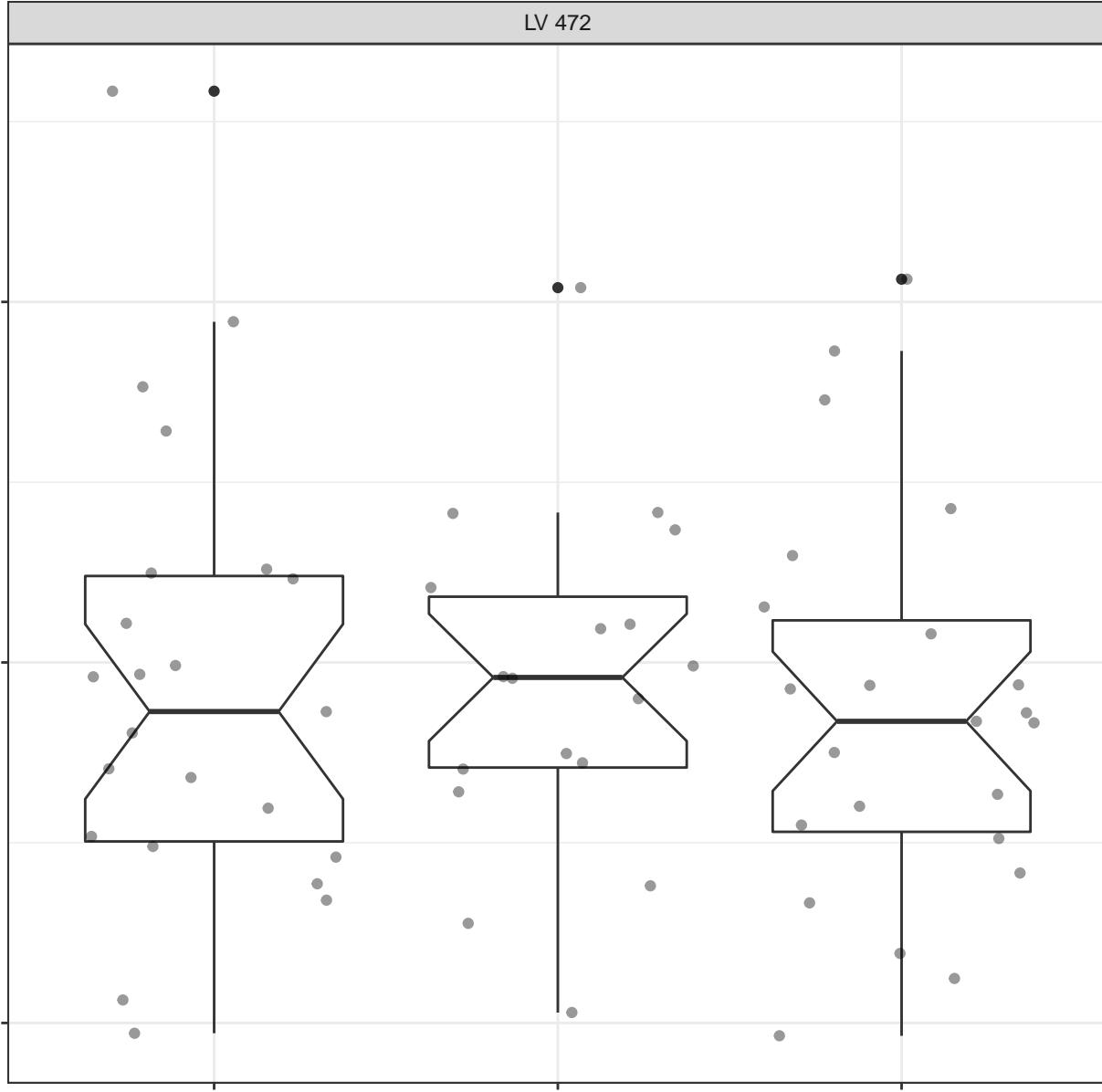
-0.05

Control

GPA_signature

GPAneg

GPApos



473,KEGG_COMPLEMENT_AND_COAGULATION_CASCADES

Value

0.05

0.00

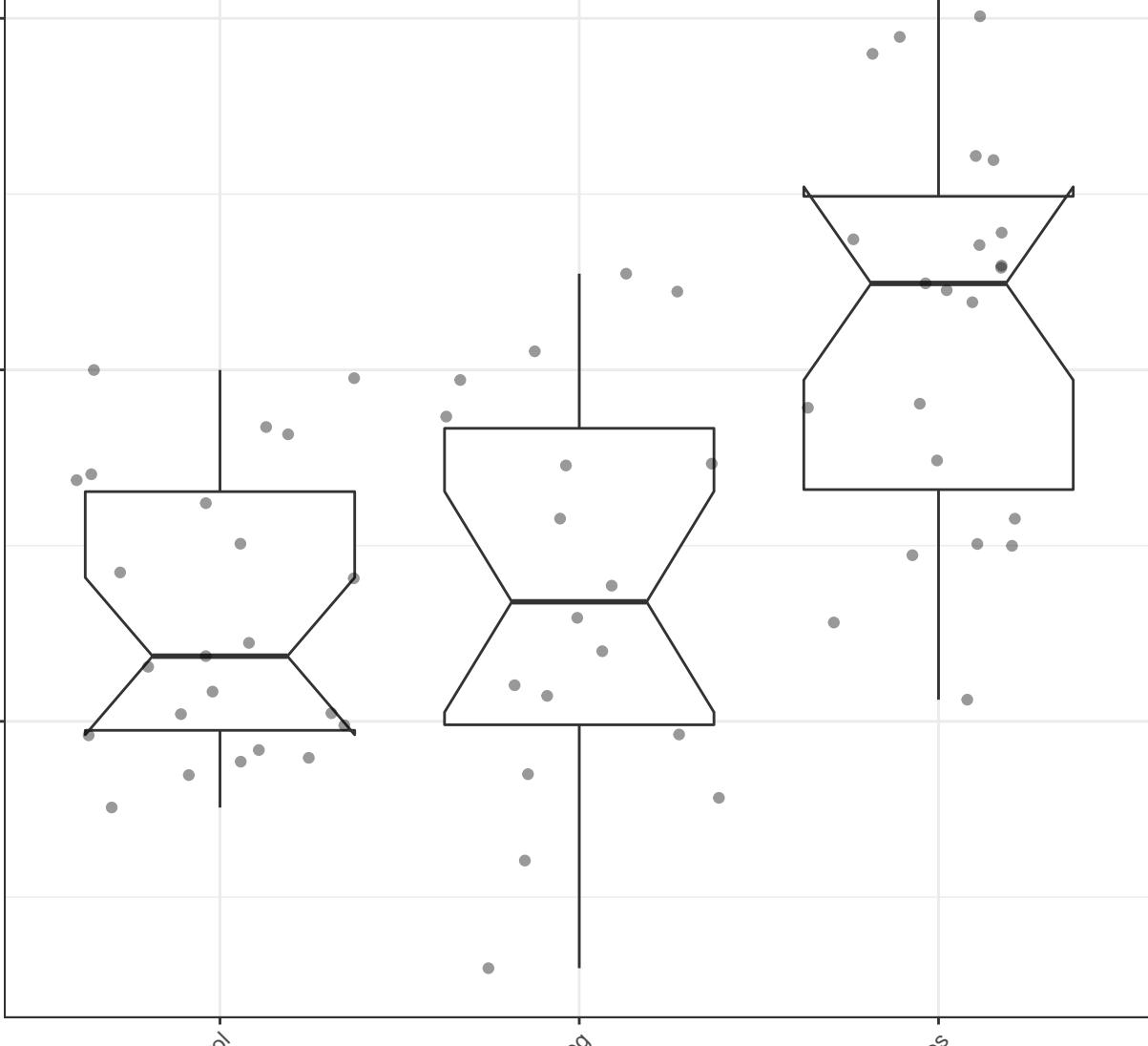
-0.05

Control

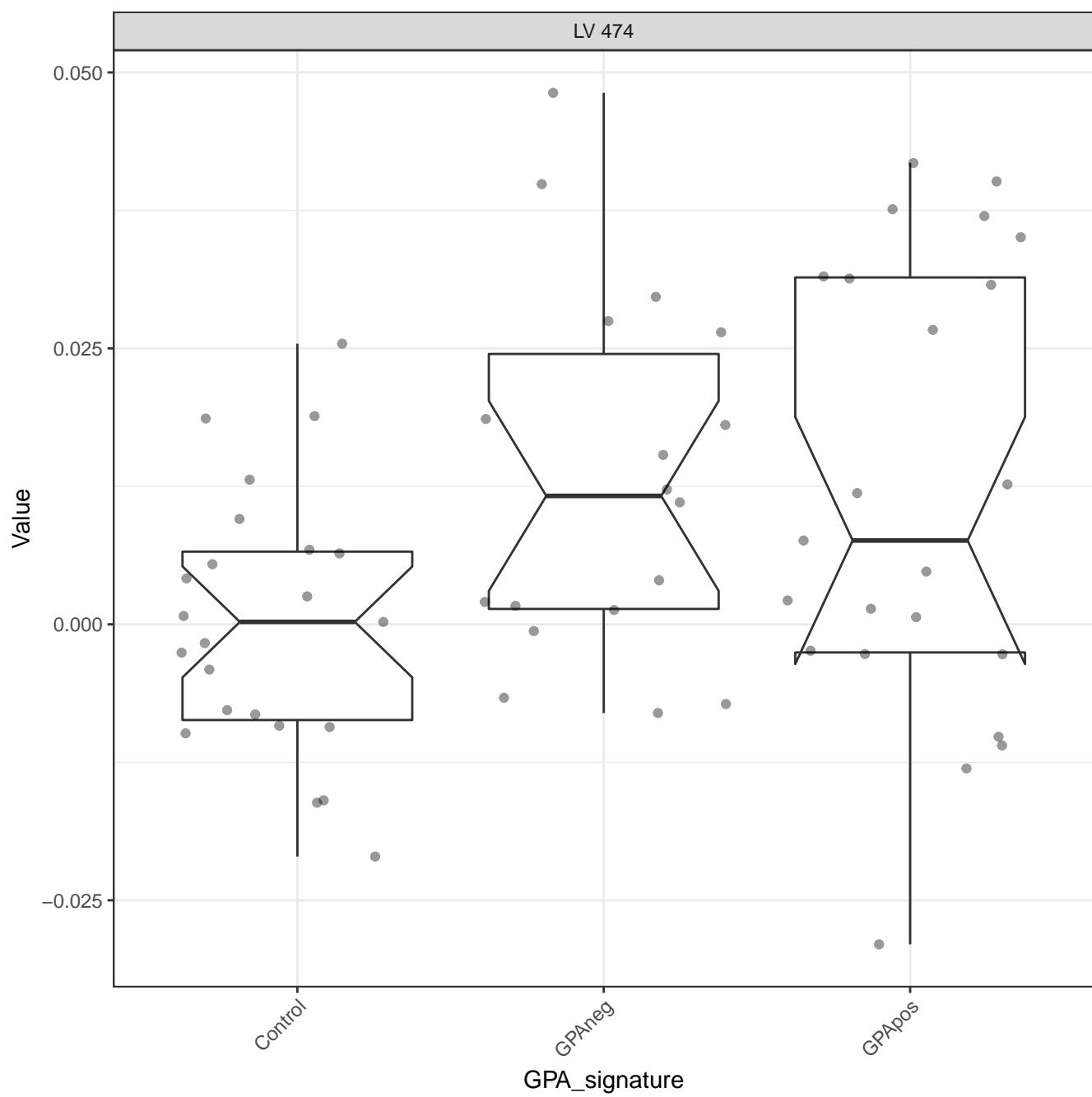
GPA_signature

GPAneg

GPApos

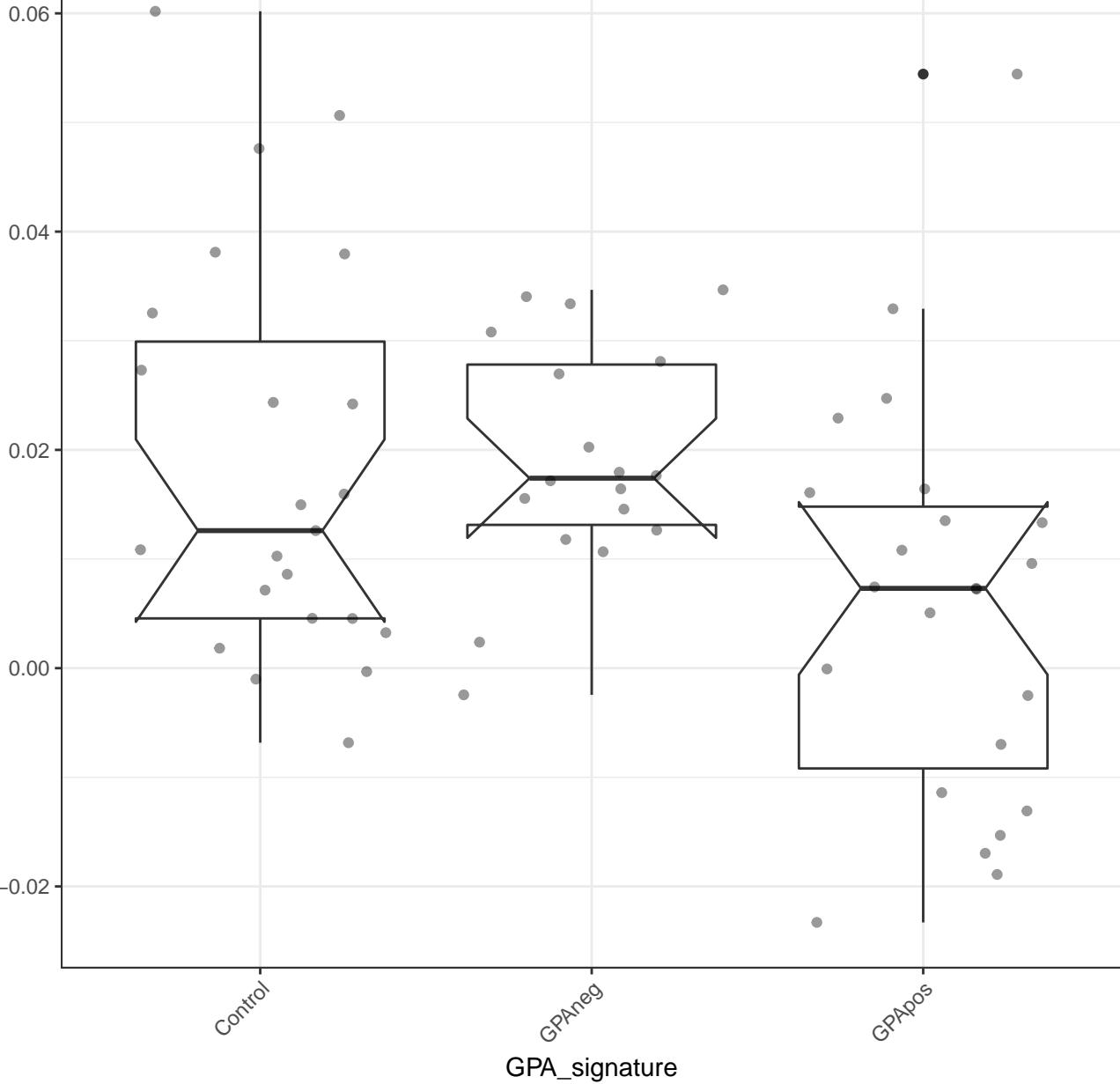


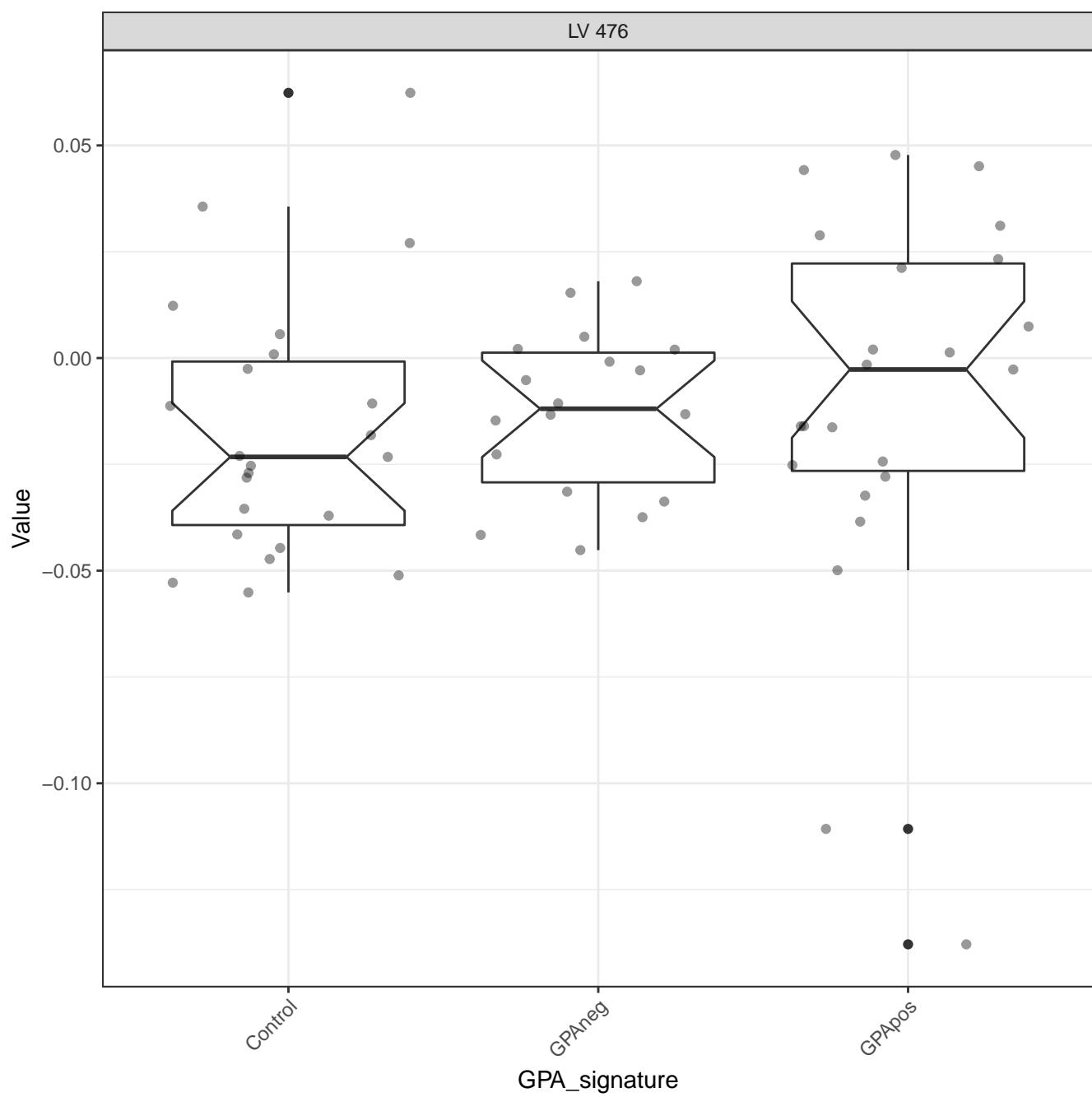
LV 474



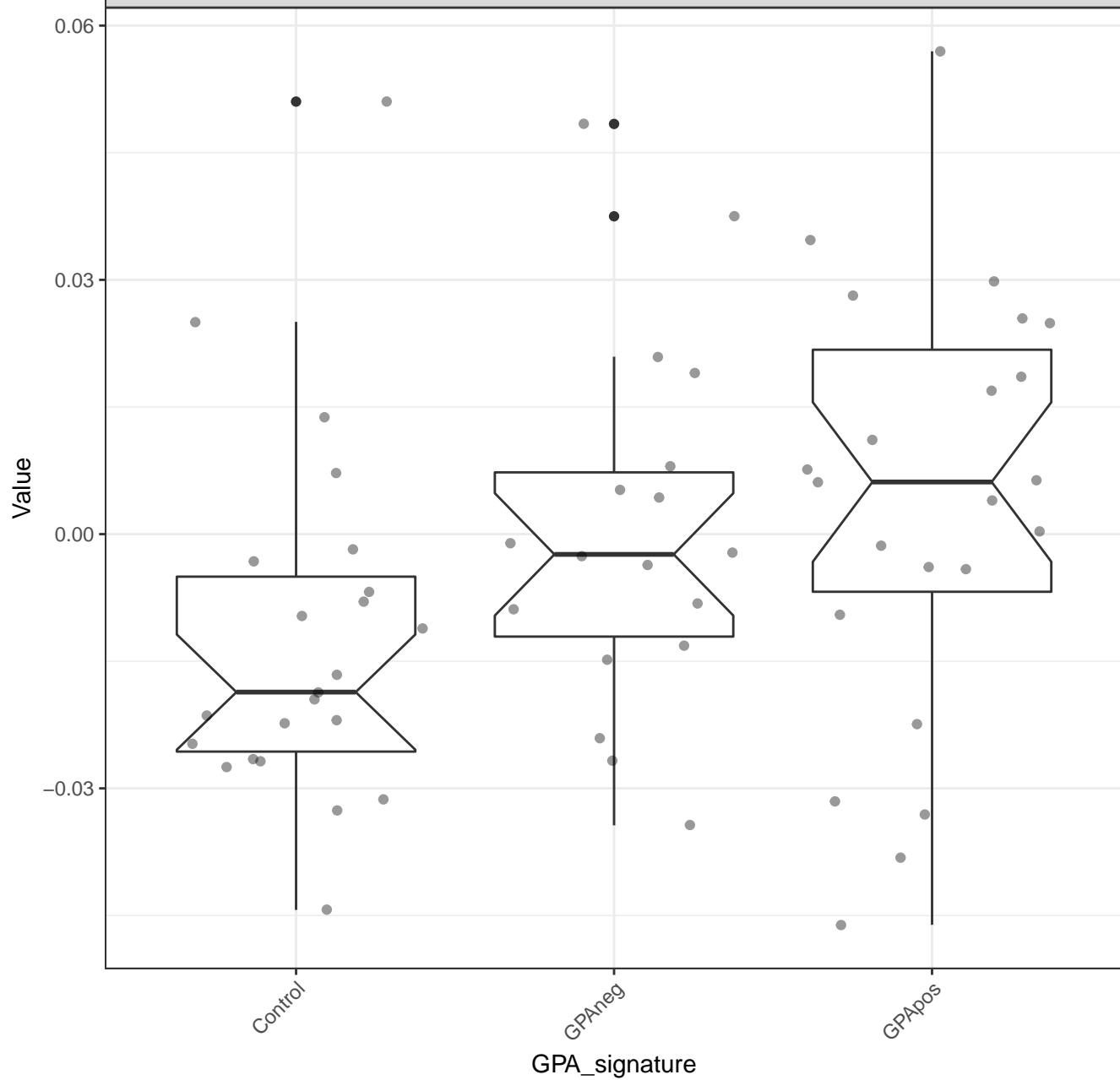
LV 475

Value



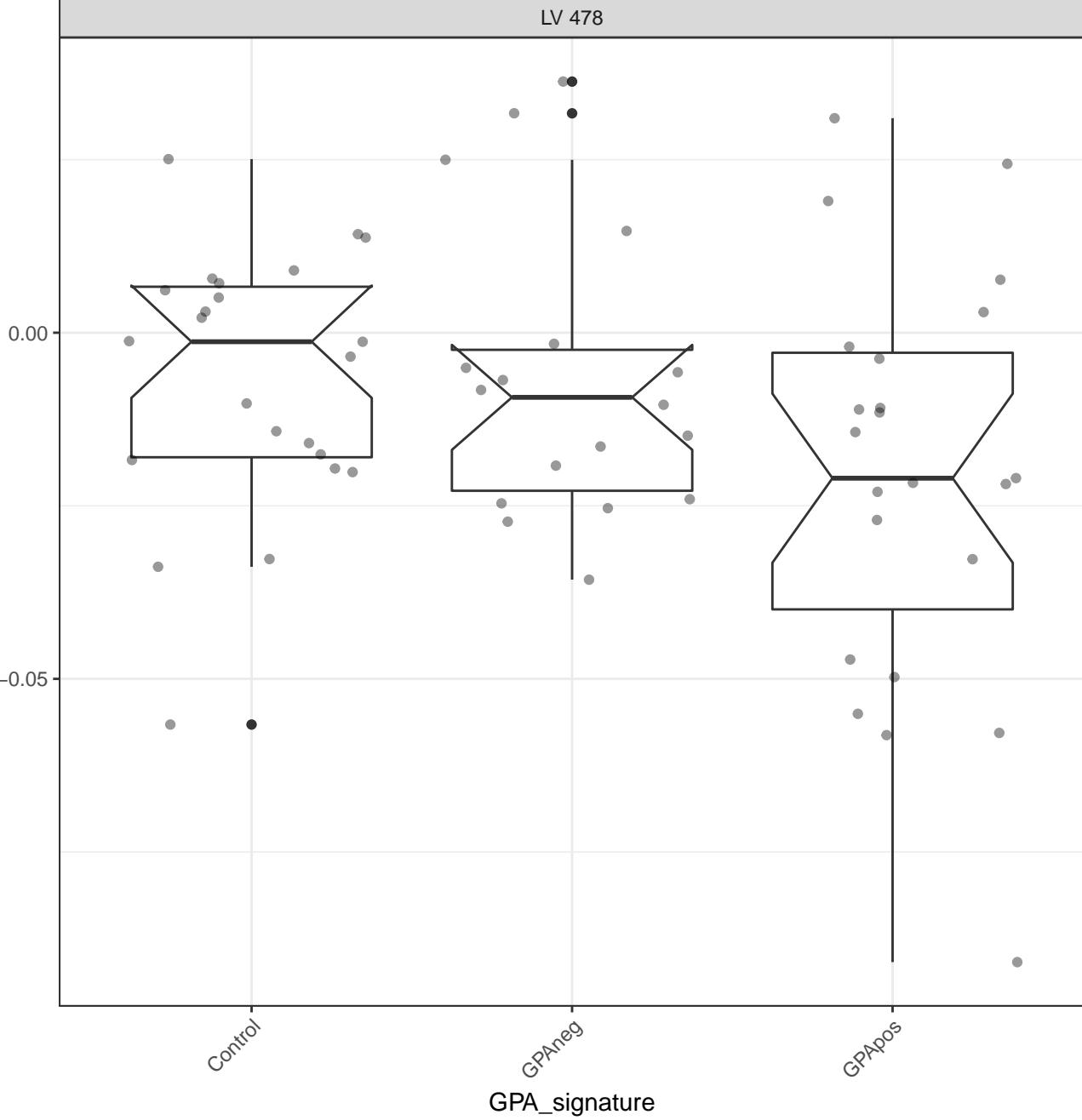


LV 477

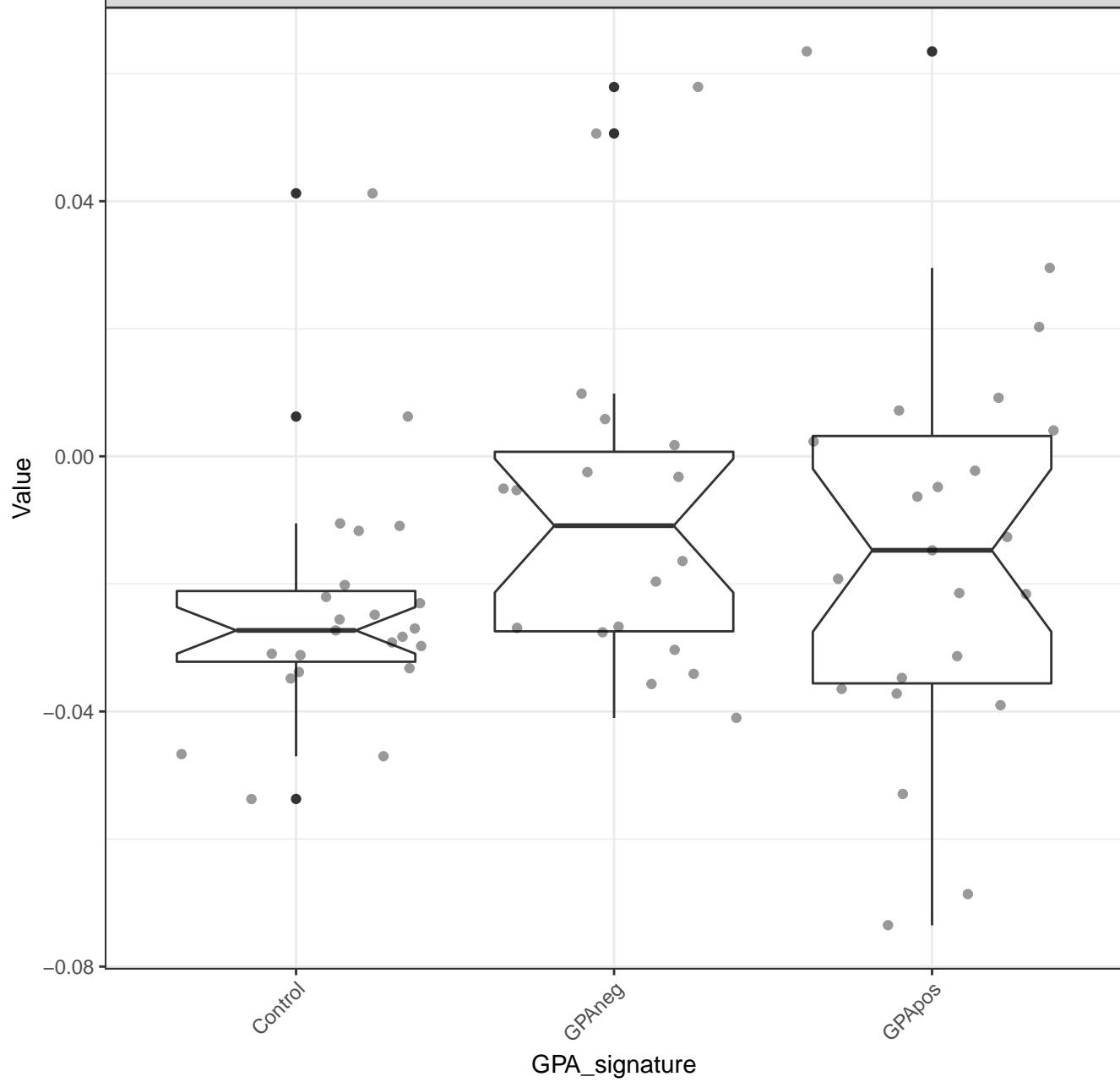


LV 478

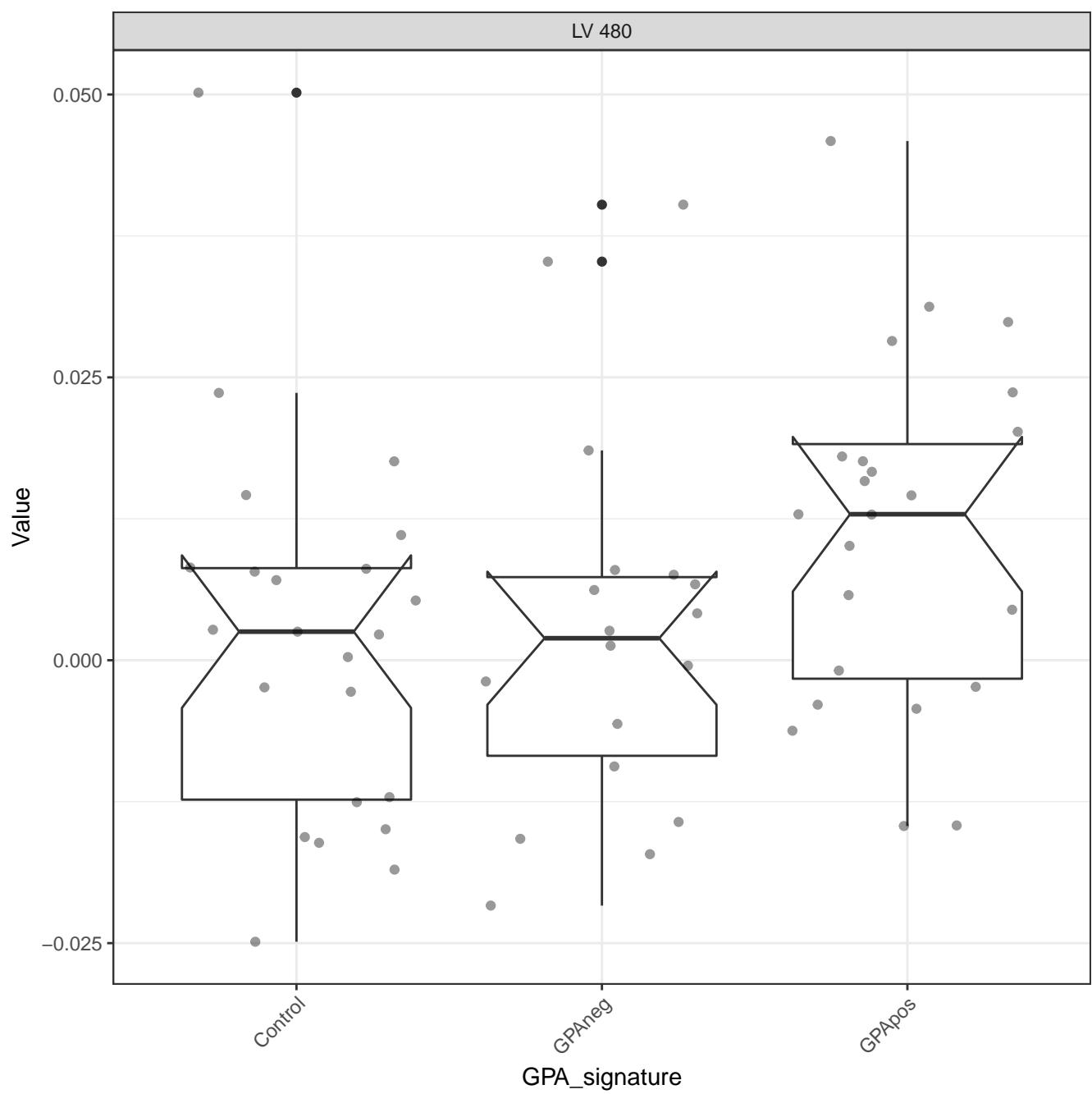
Value



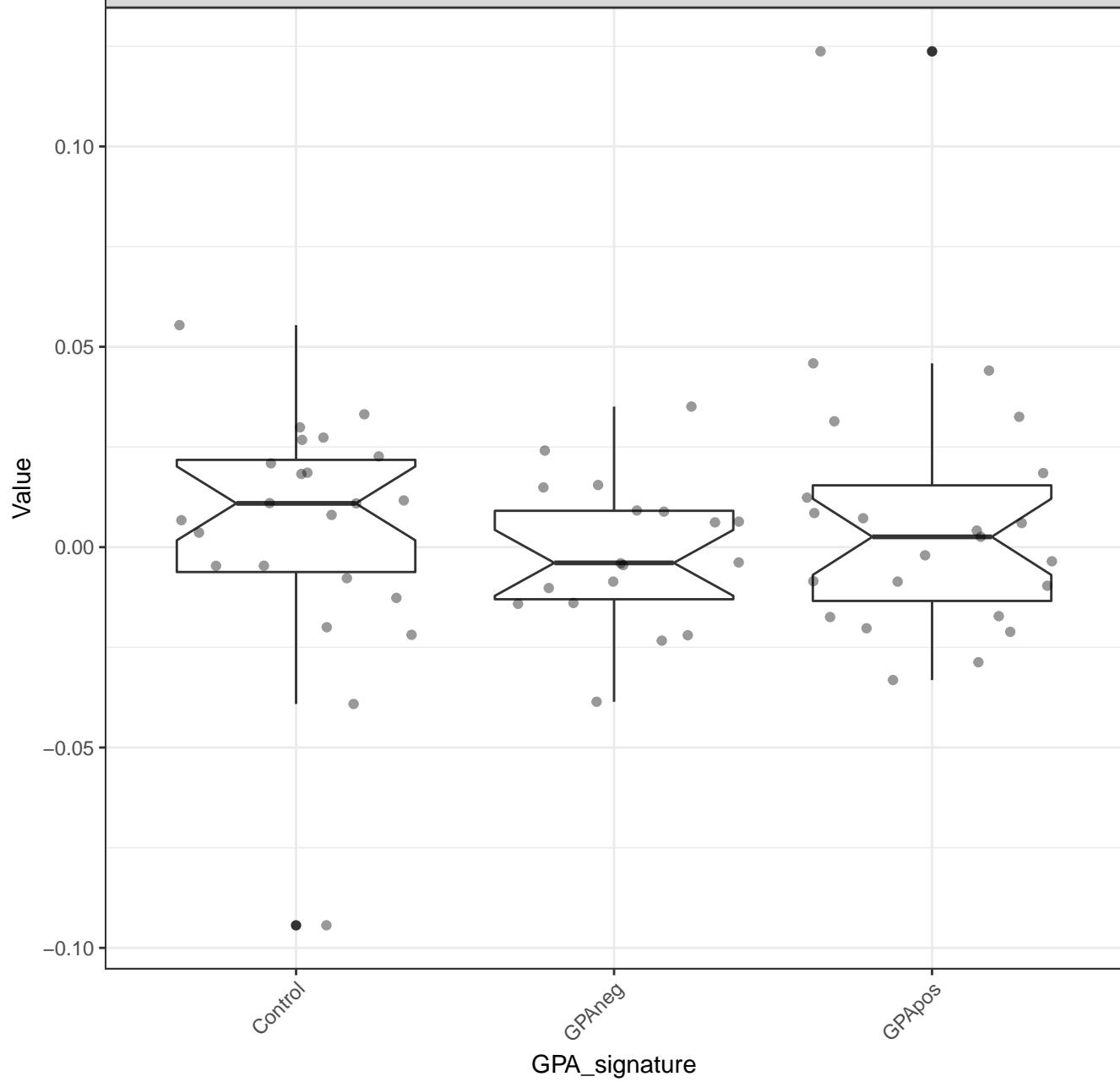
LV 479



LV 480



LV 481



LV 482

Value

0.05

0.00

-0.05

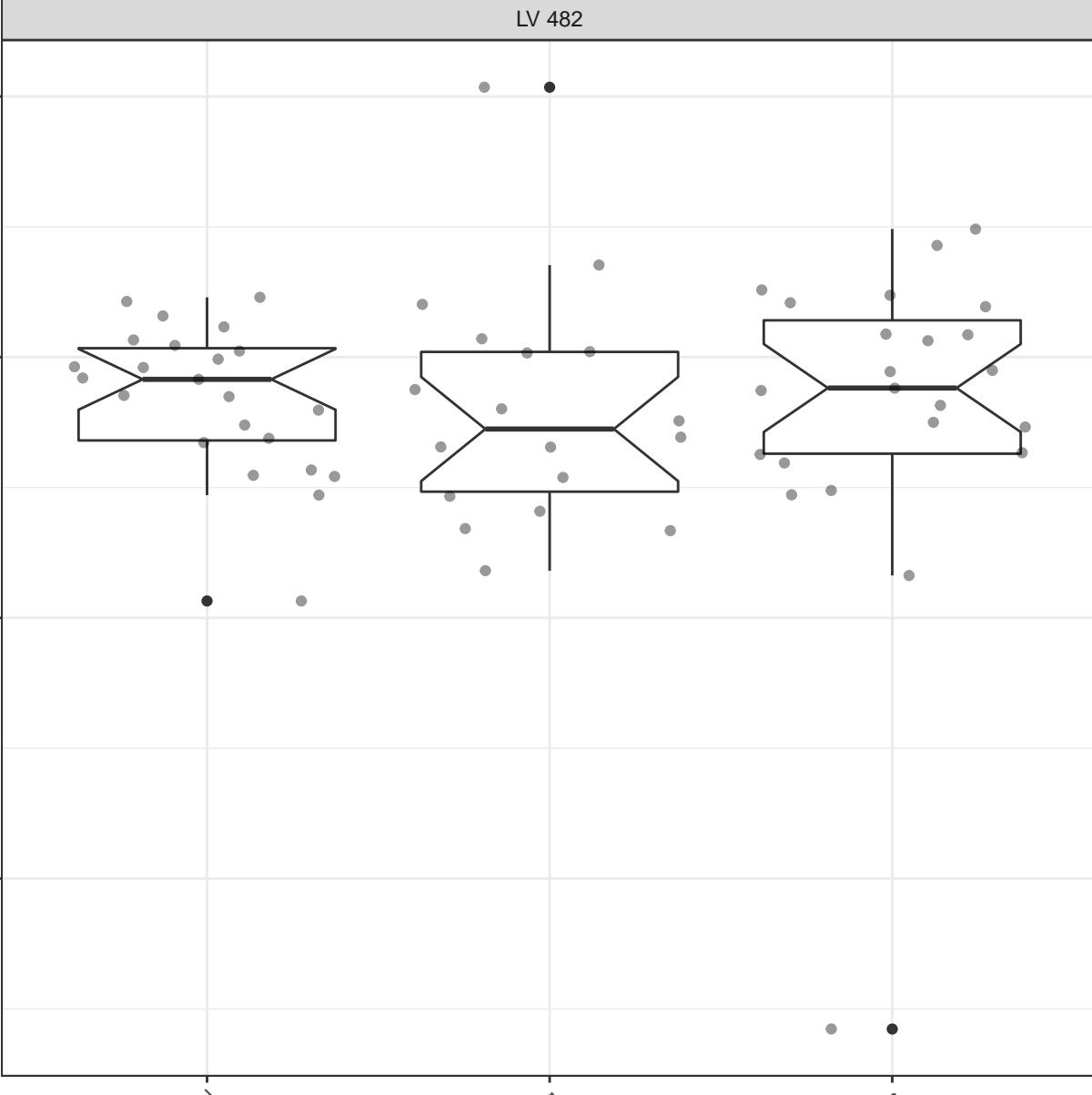
-0.10

Control

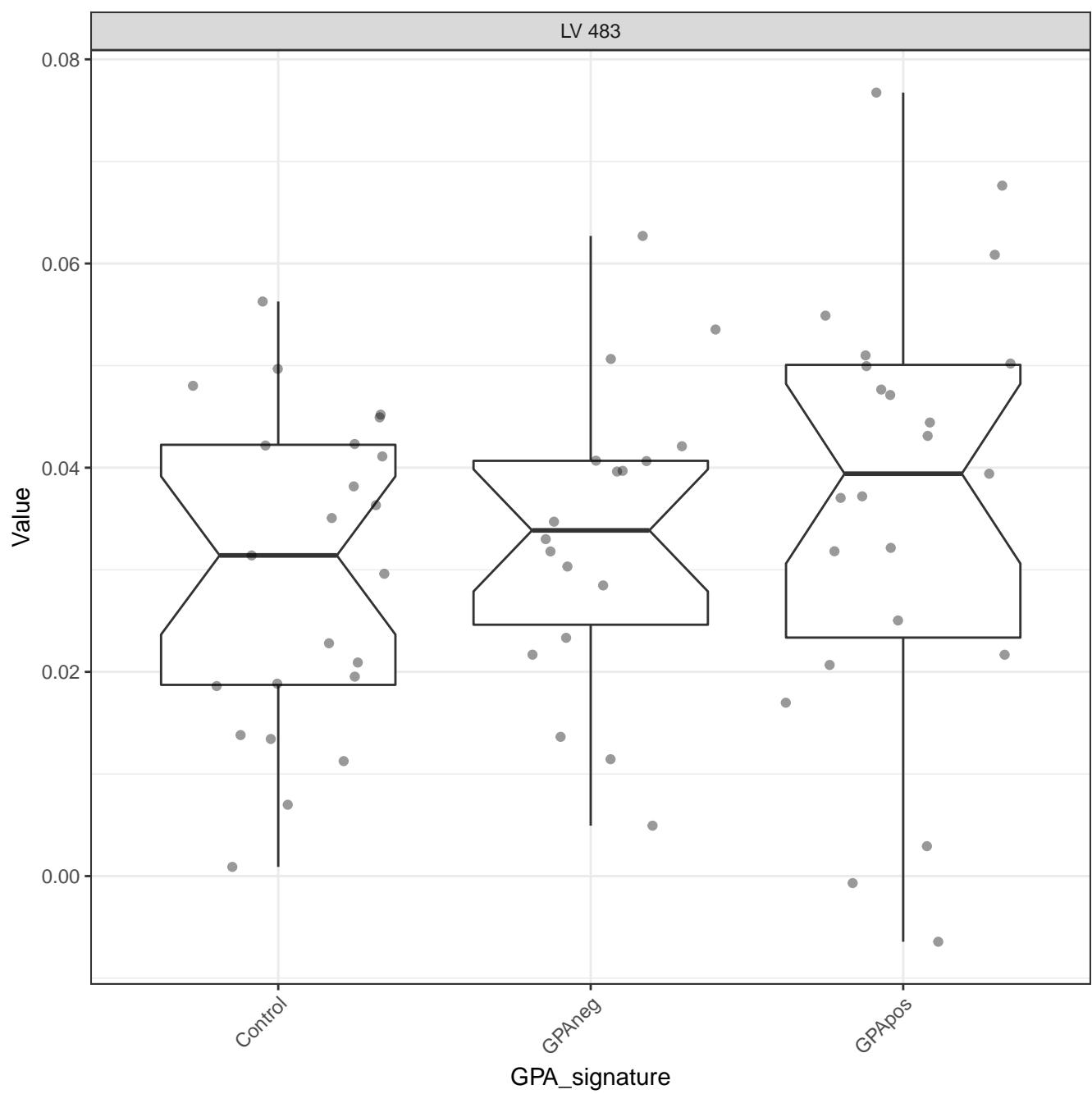
GPAneg

GPApos

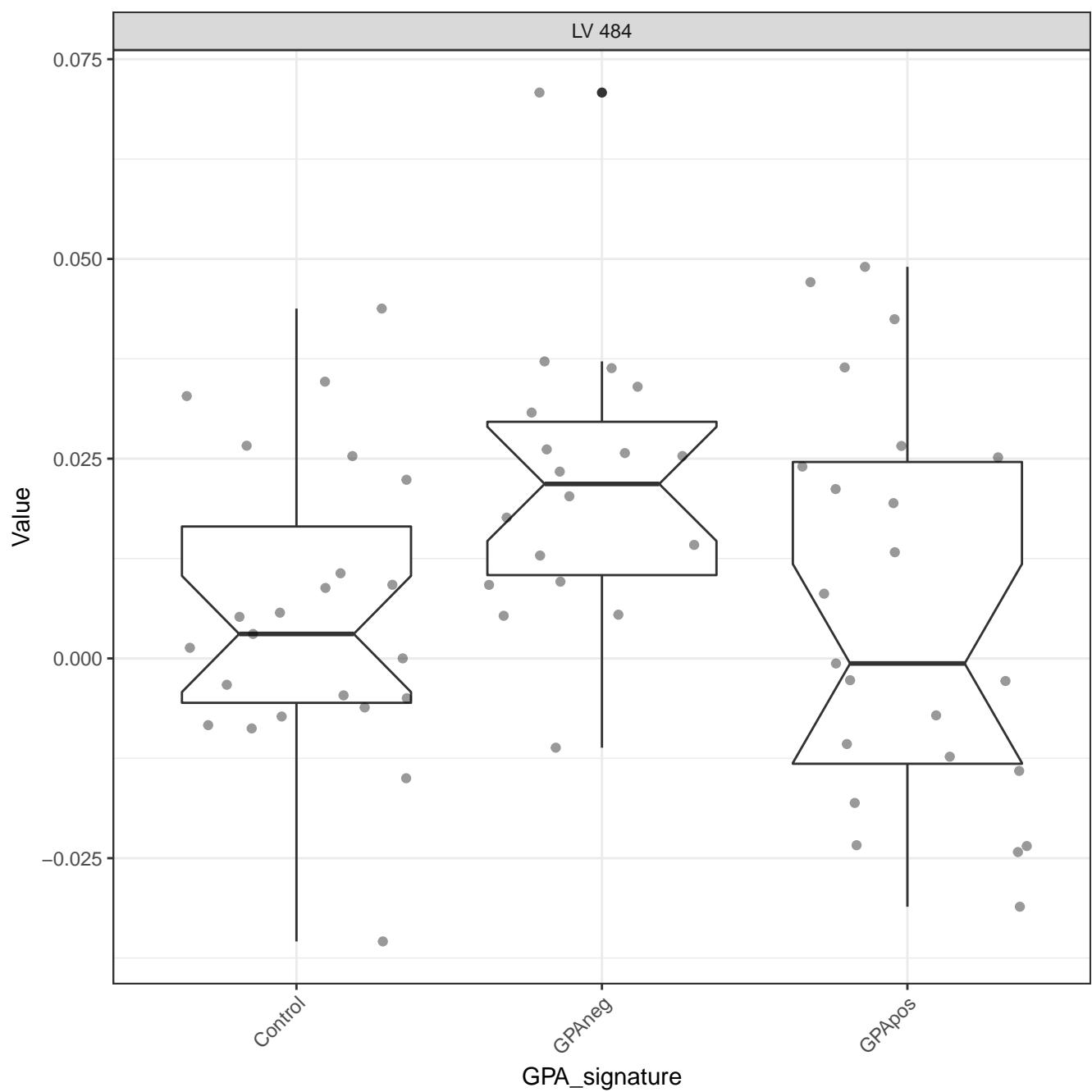
GPA_signature



LV 483



LV 484



LV 485

Value

0.04

0.02

0.00

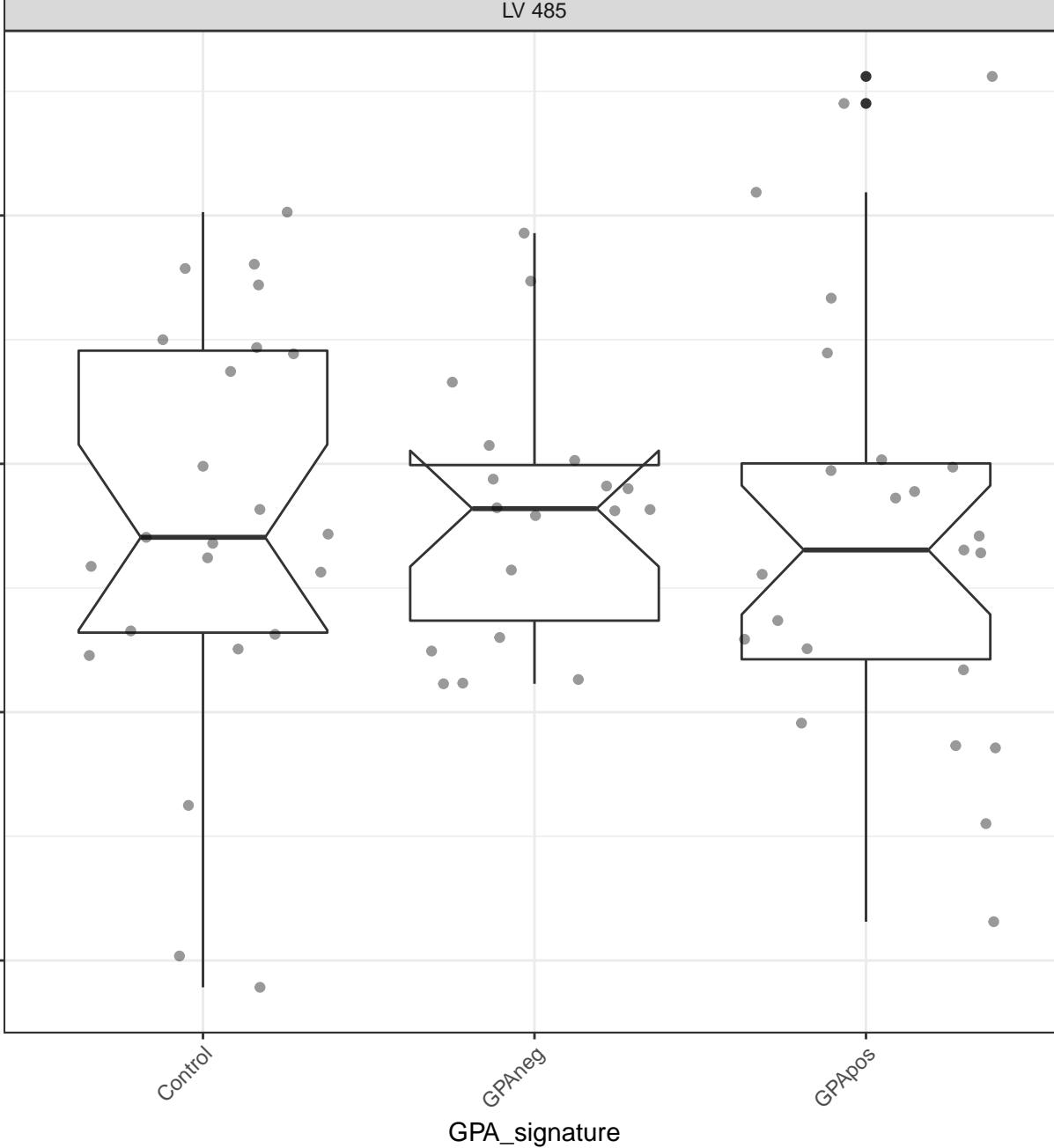
-0.02

Control

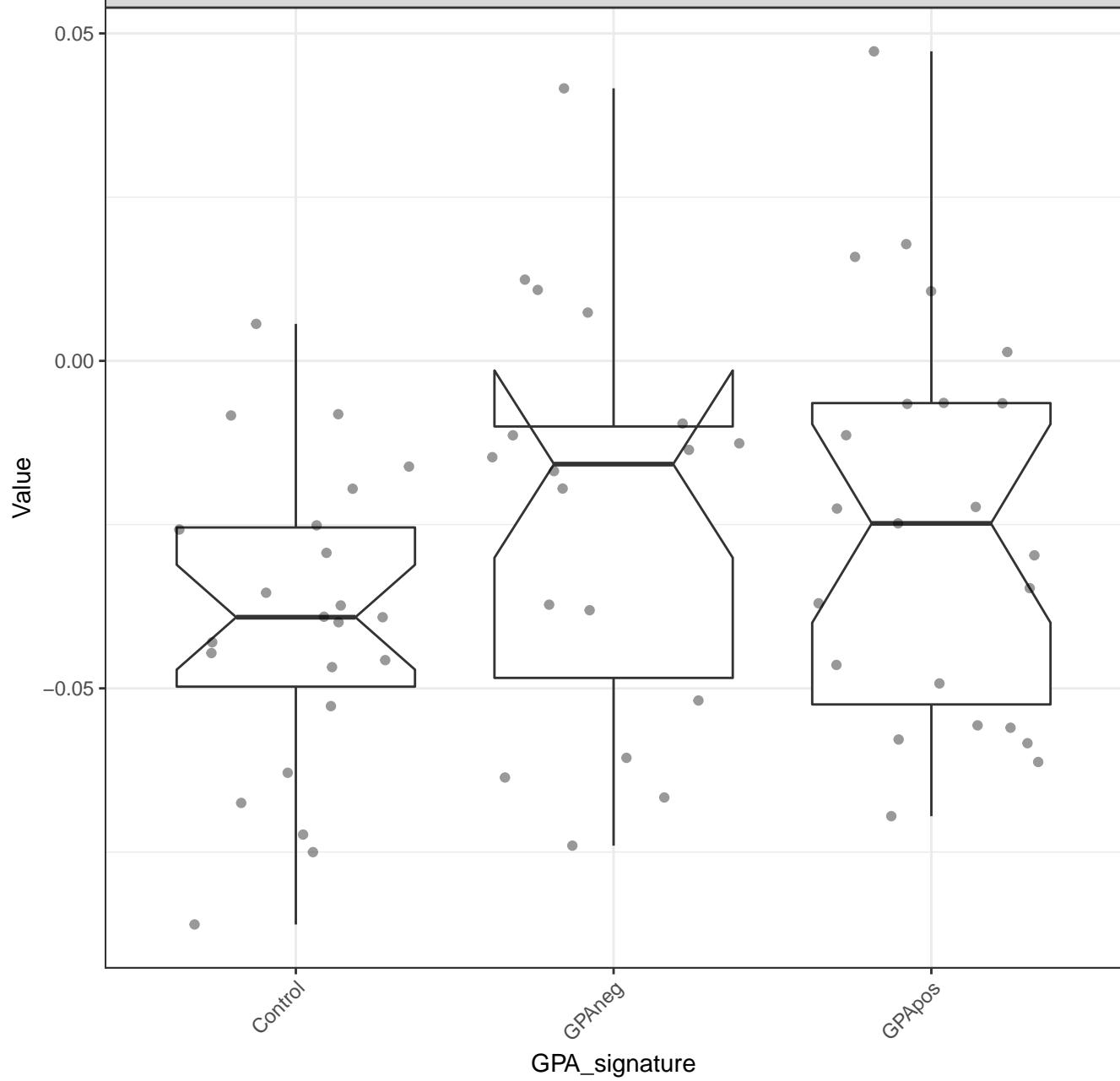
GPAneg

GPApos

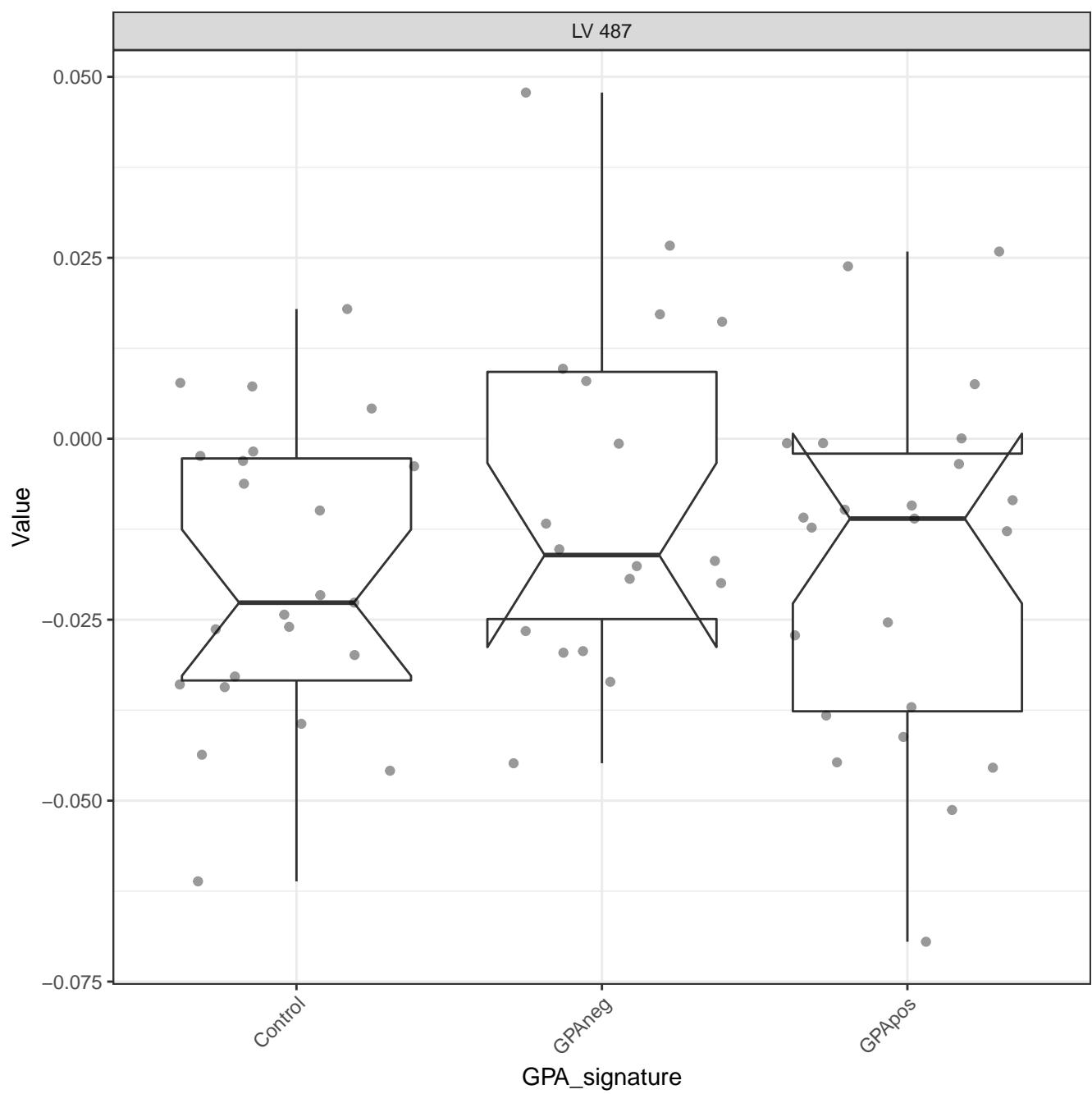
GPA_signature



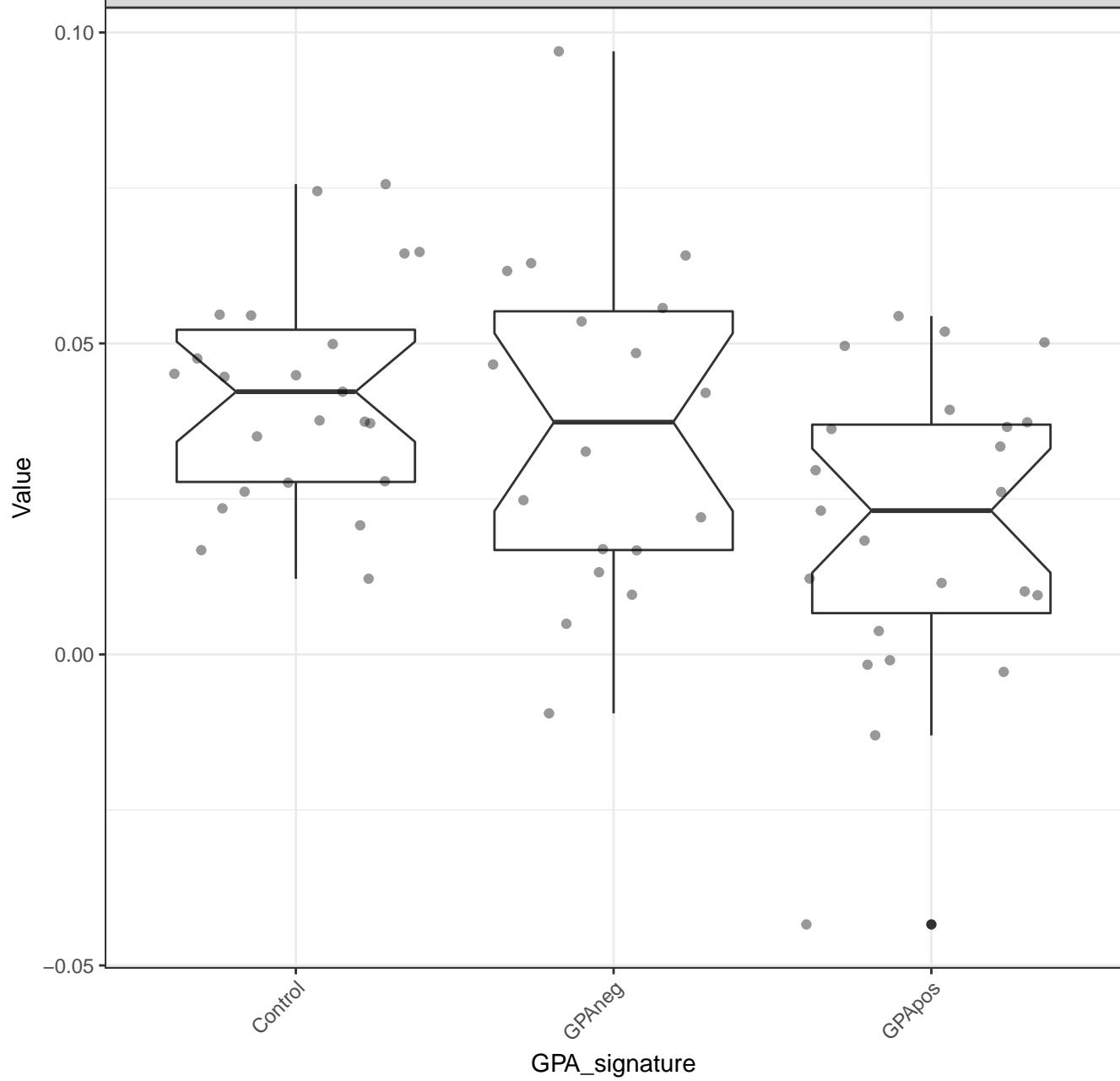
LV 486



LV 487



LV 488



LV 489

Value

0.04

0.02

0.00

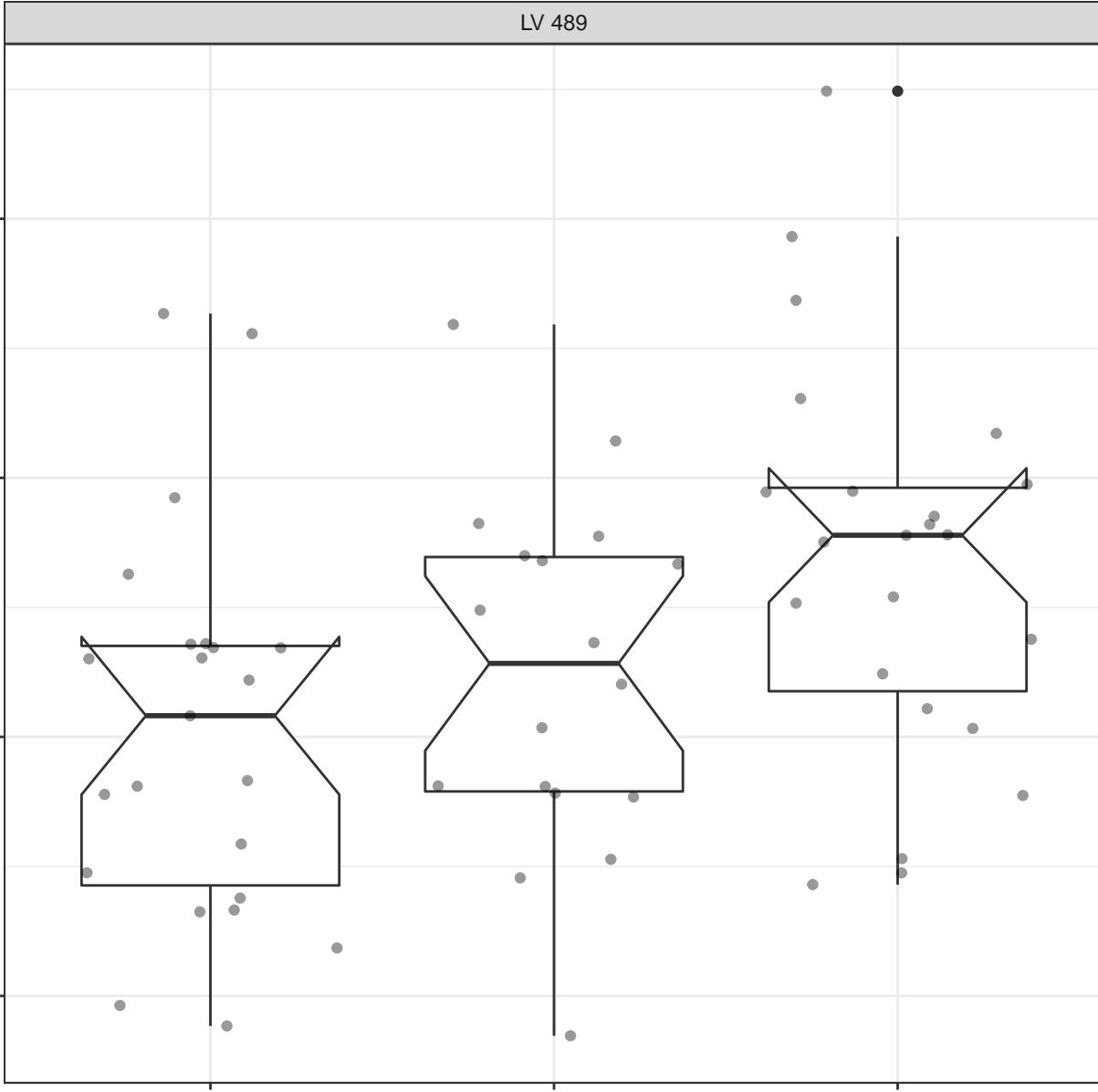
-0.02

Control

GPA_signature

GPAneg

GPApos



LV 490

Value

0.02

0.00

-0.02

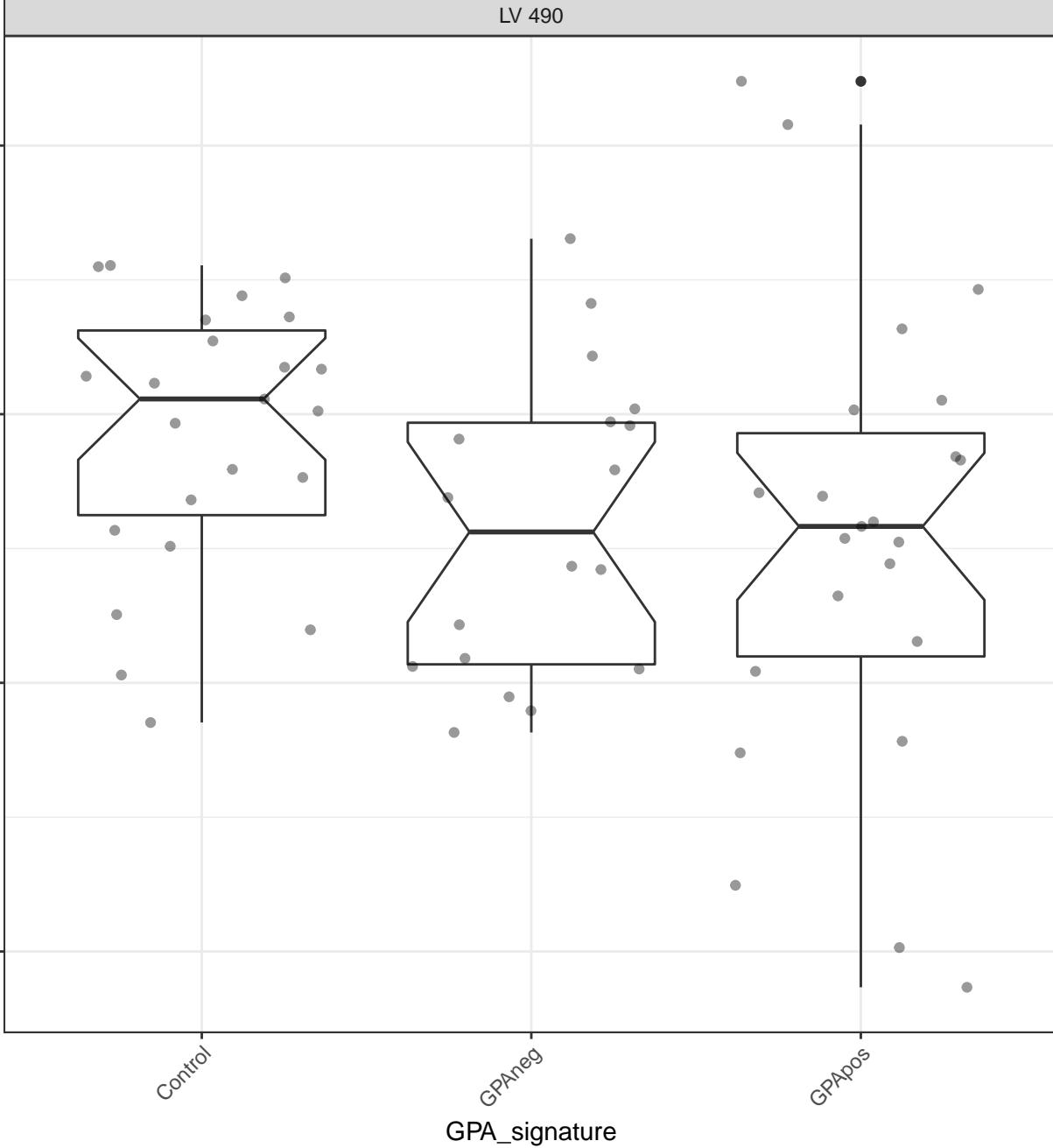
-0.04

Control

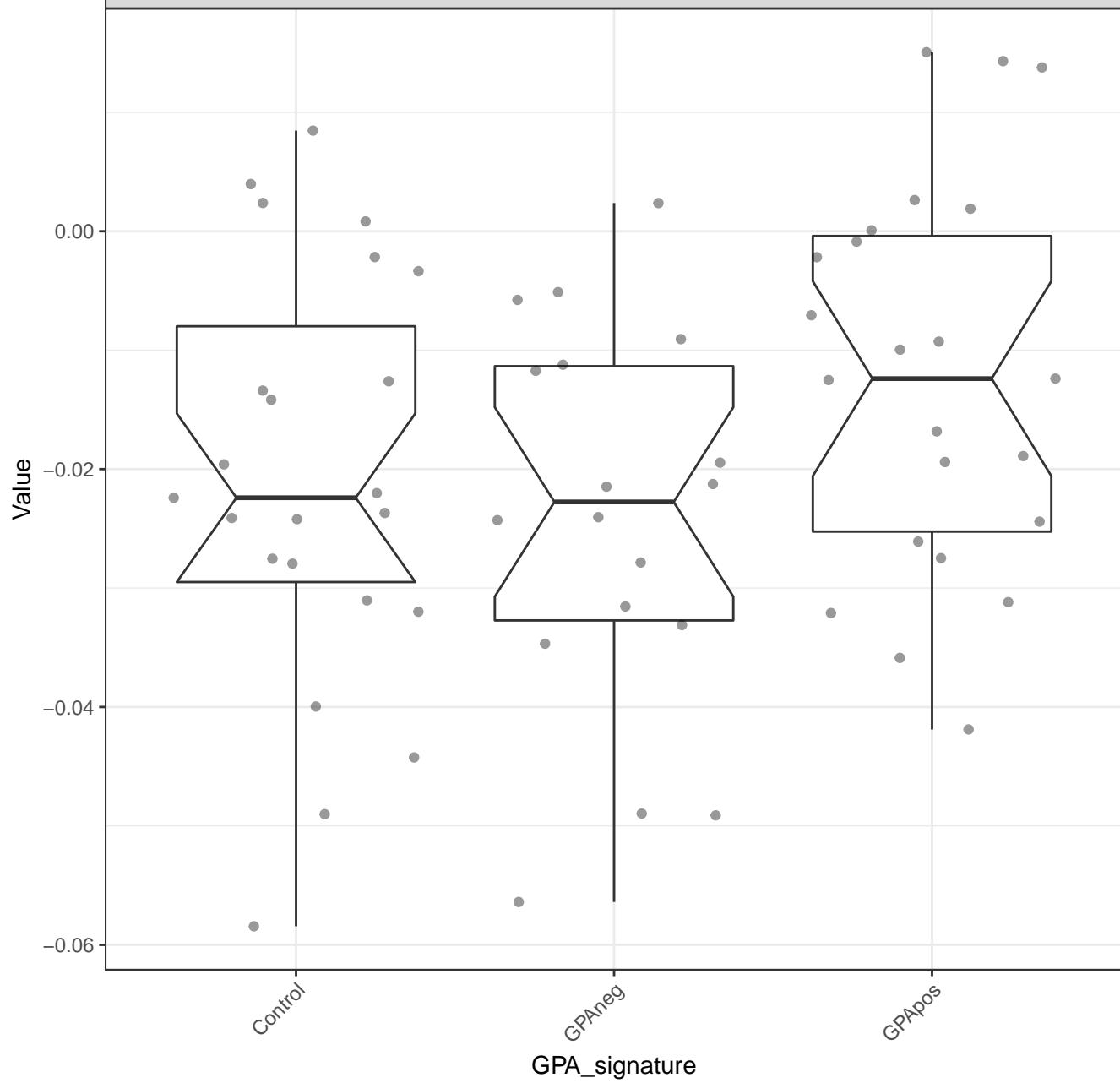
GPAneg

GPApos

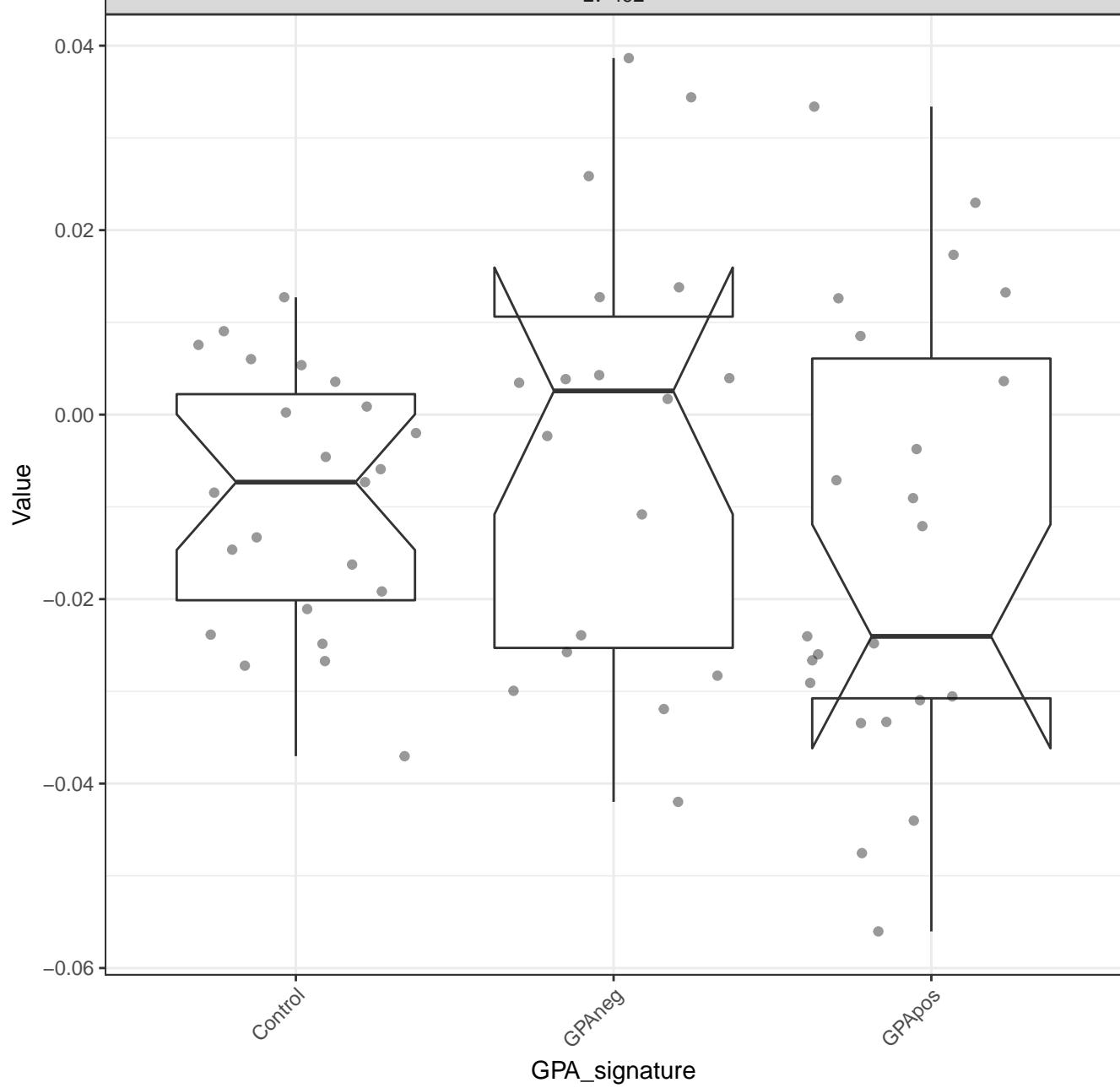
GPA_signature



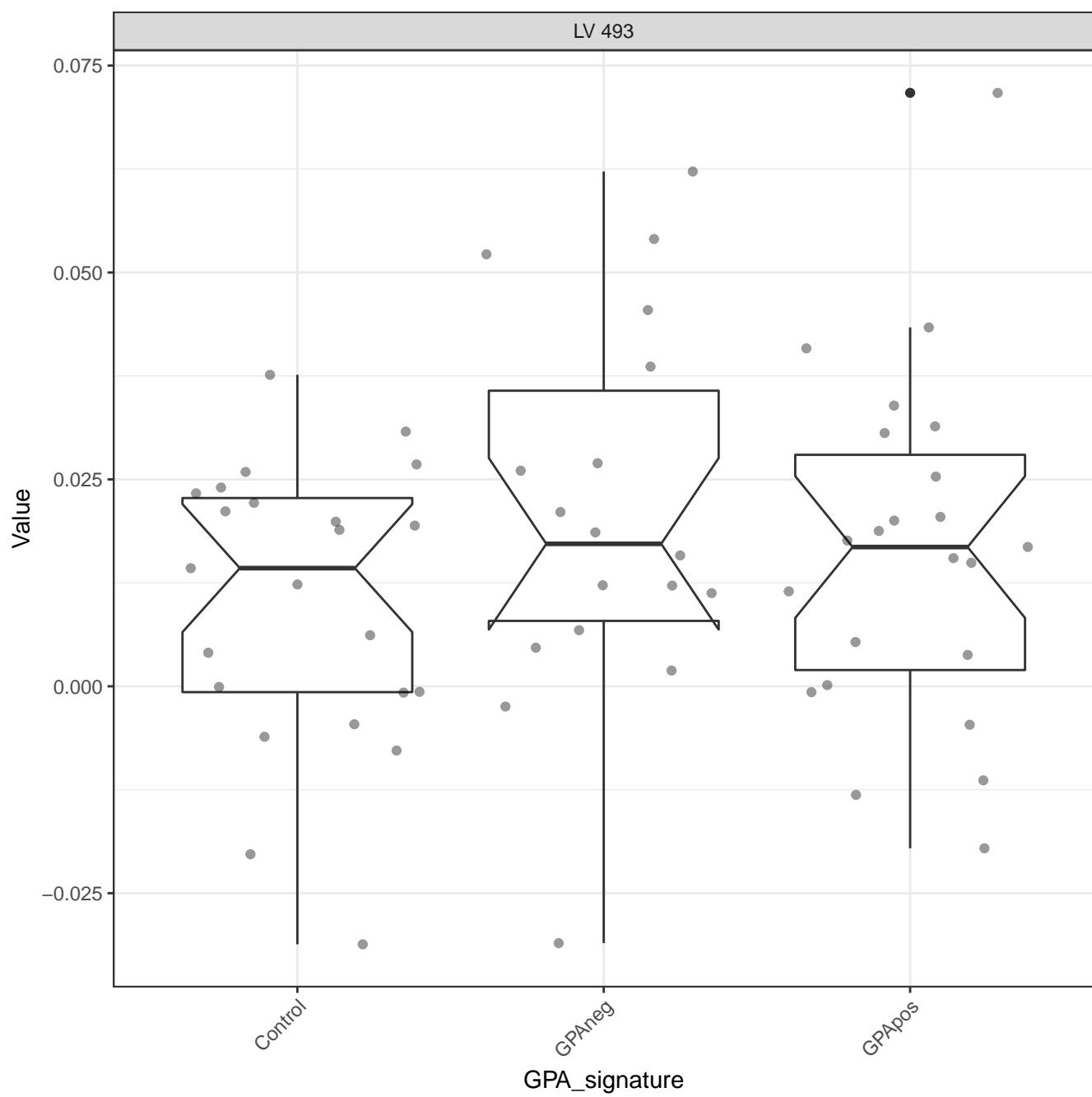
LV 491



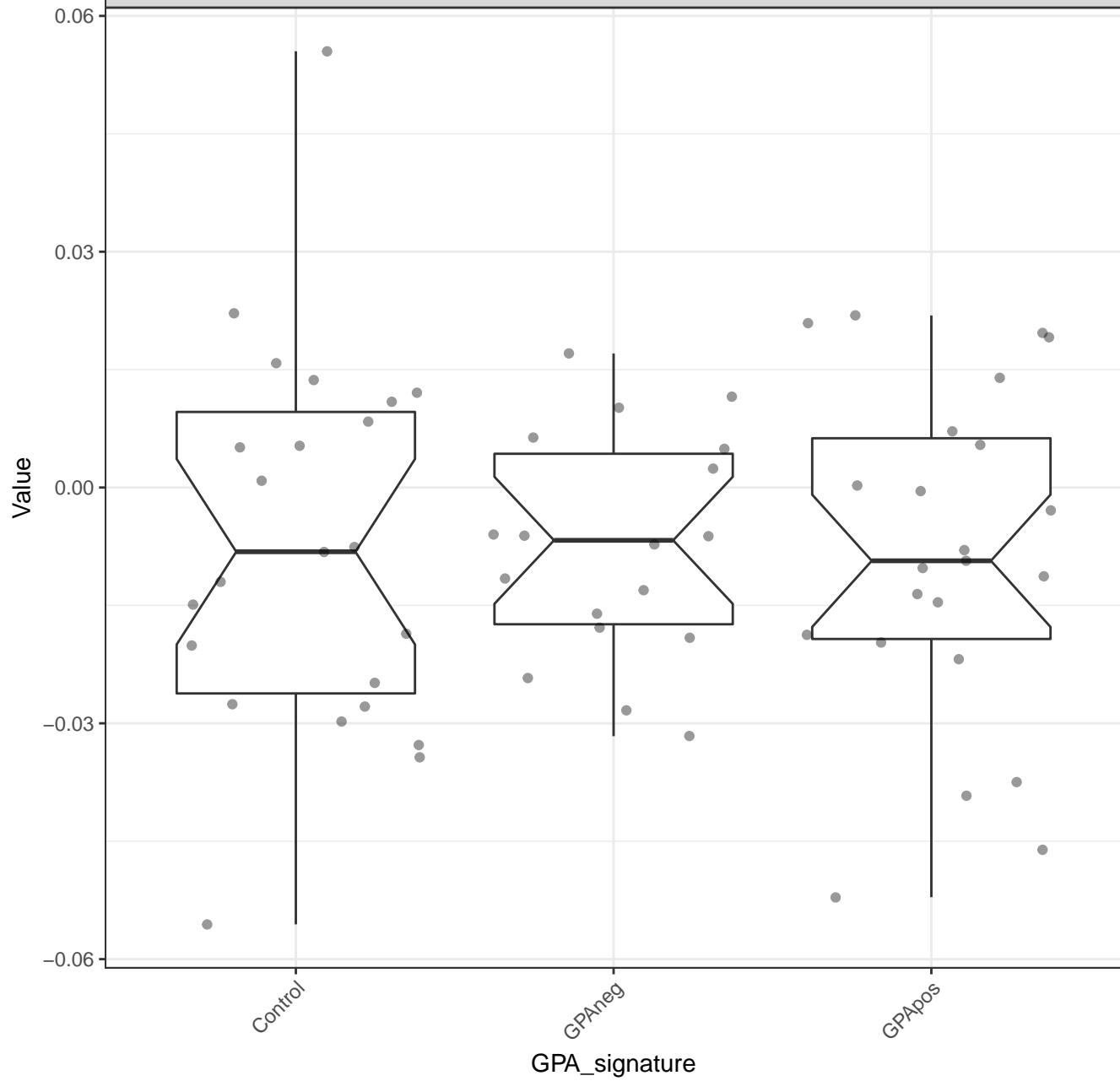
LV 492



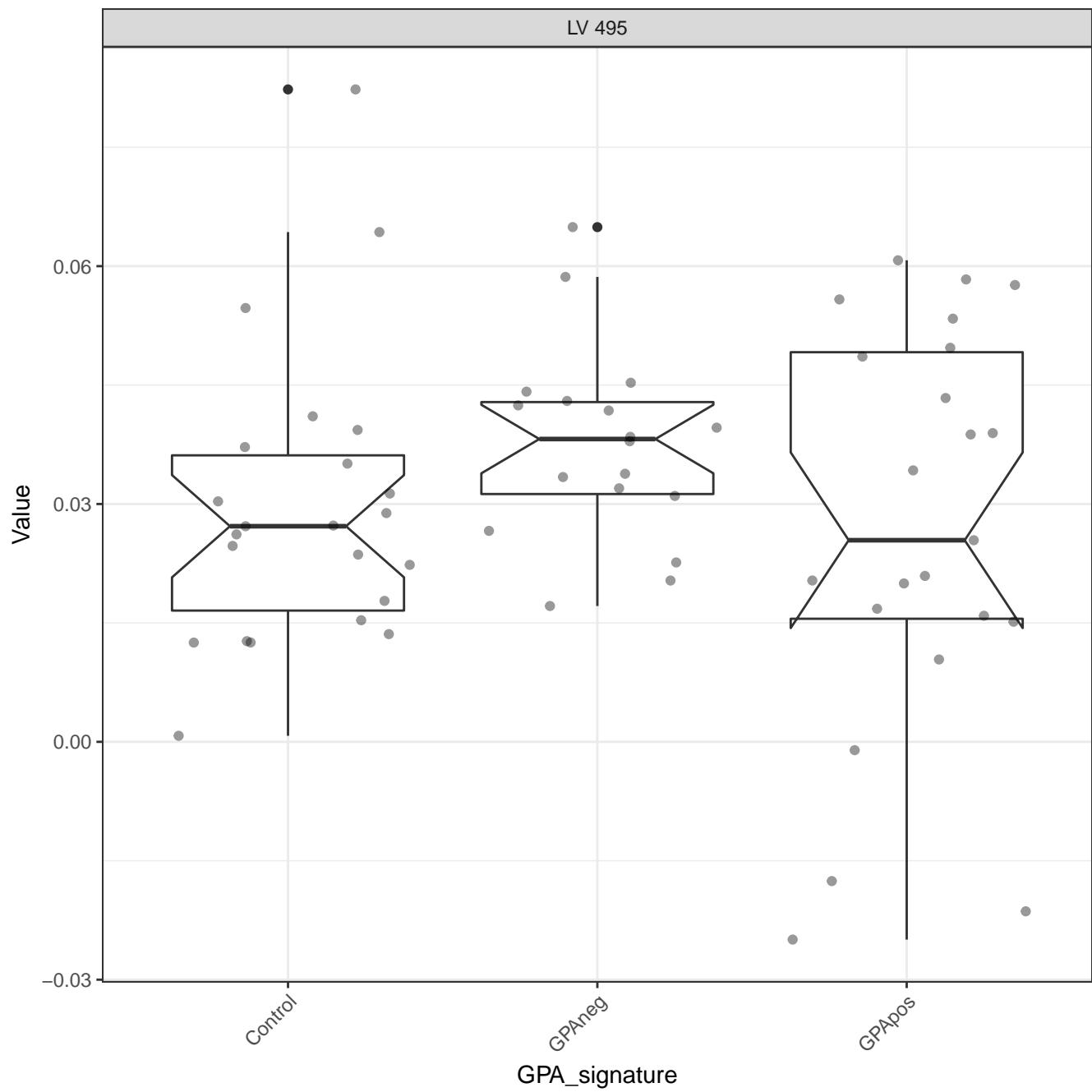
LV 493



LV 494



LV 495



LV 496

Value

0.02

0.00

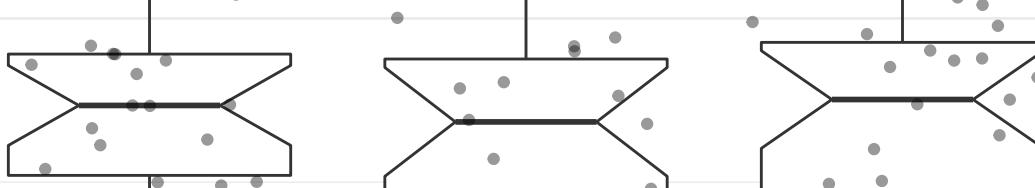
-0.02

Control

GPAneg

GPApos

GPA_signature



LV 497

Value

0.06

0.04

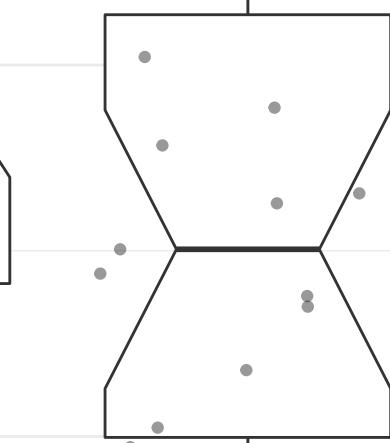
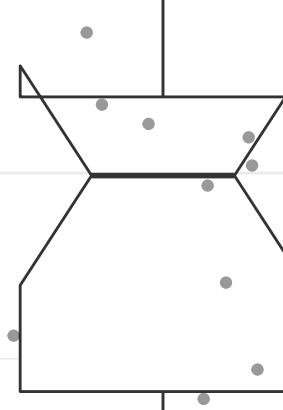
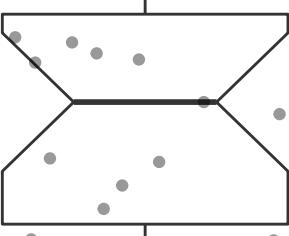
0.02

Control

GPA_signature

GPAneg

GPApos



LV 498

Value

0.05

0.01

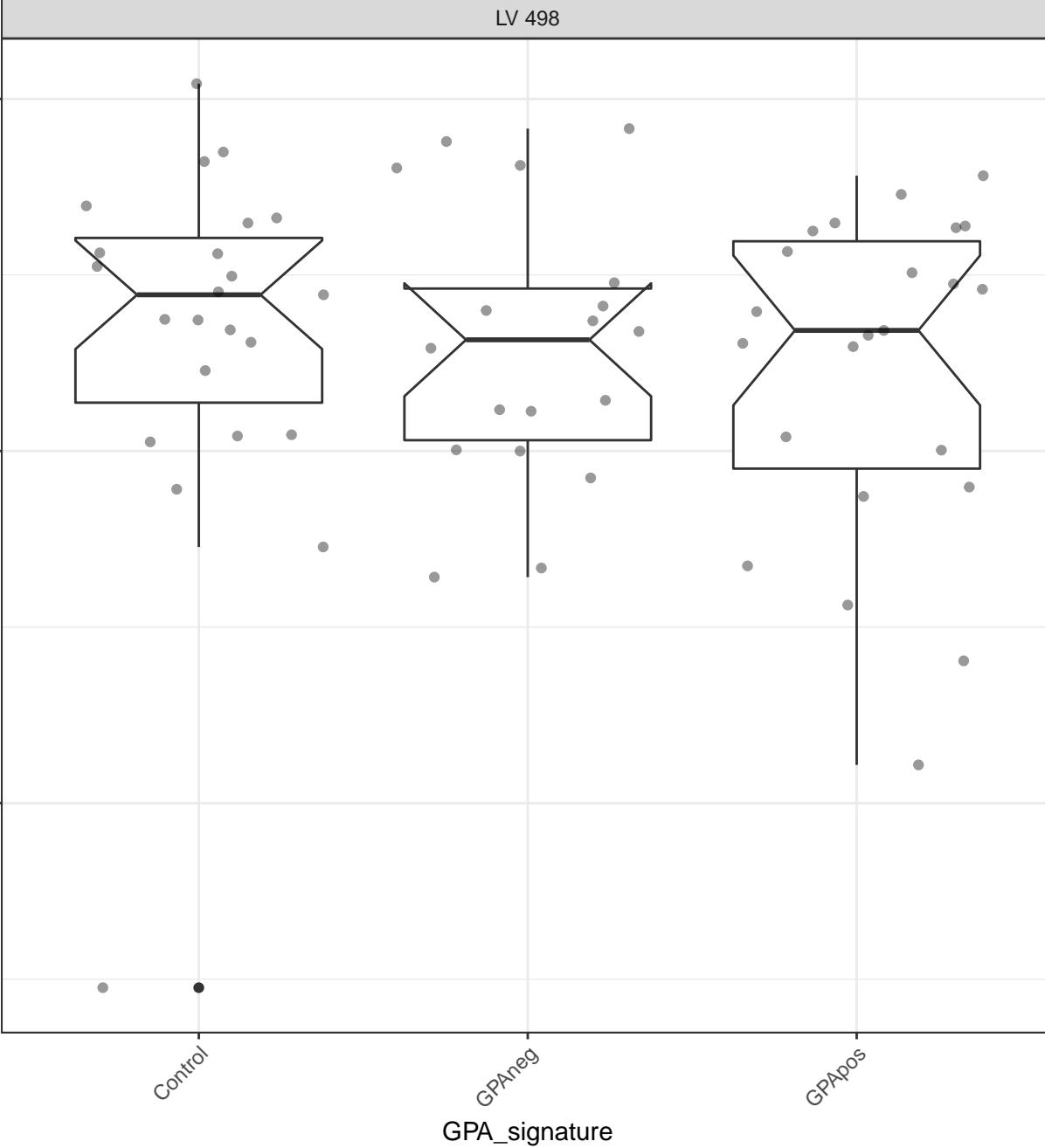
-0.05

Control

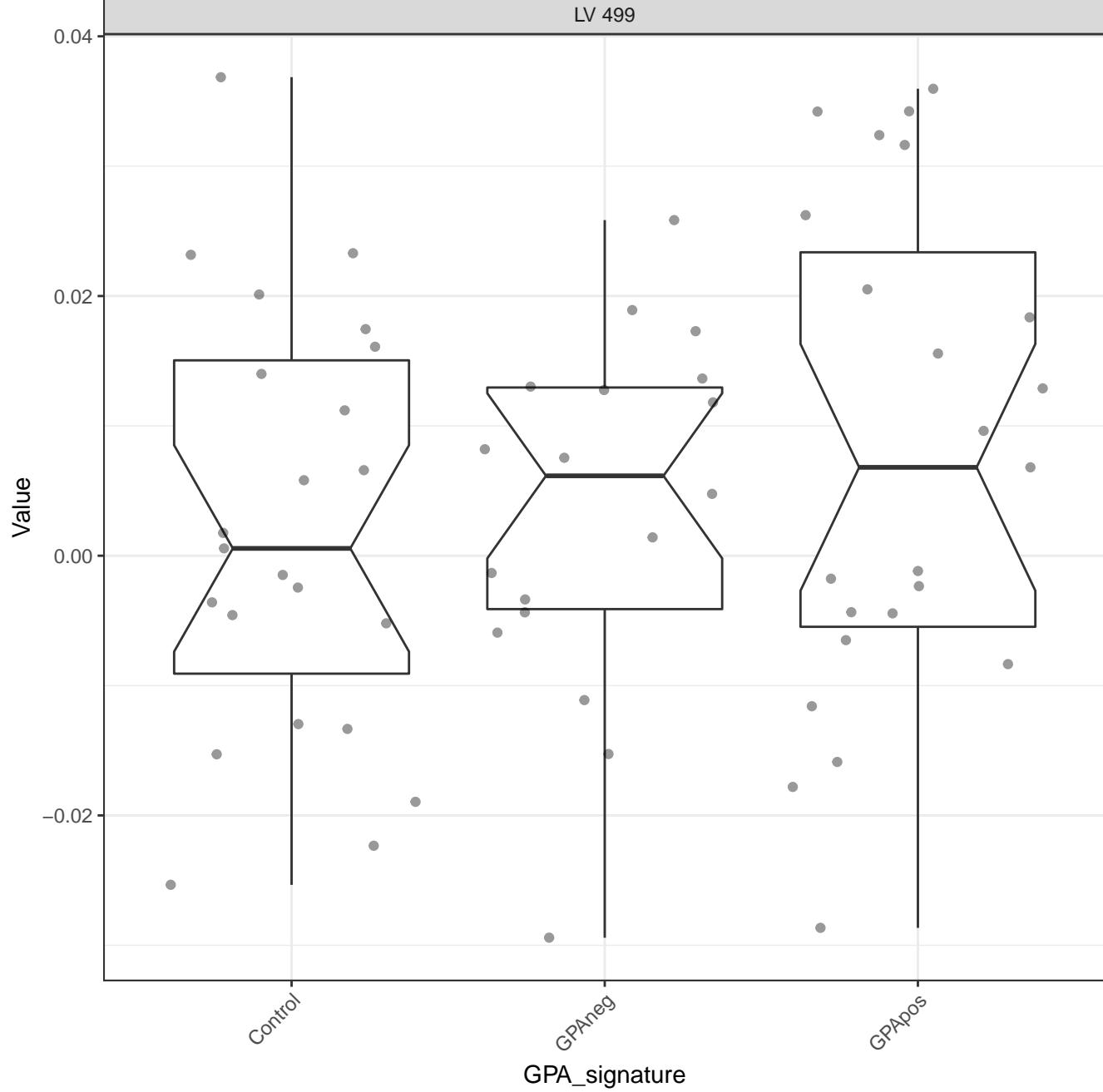
GPAneg

GPApos

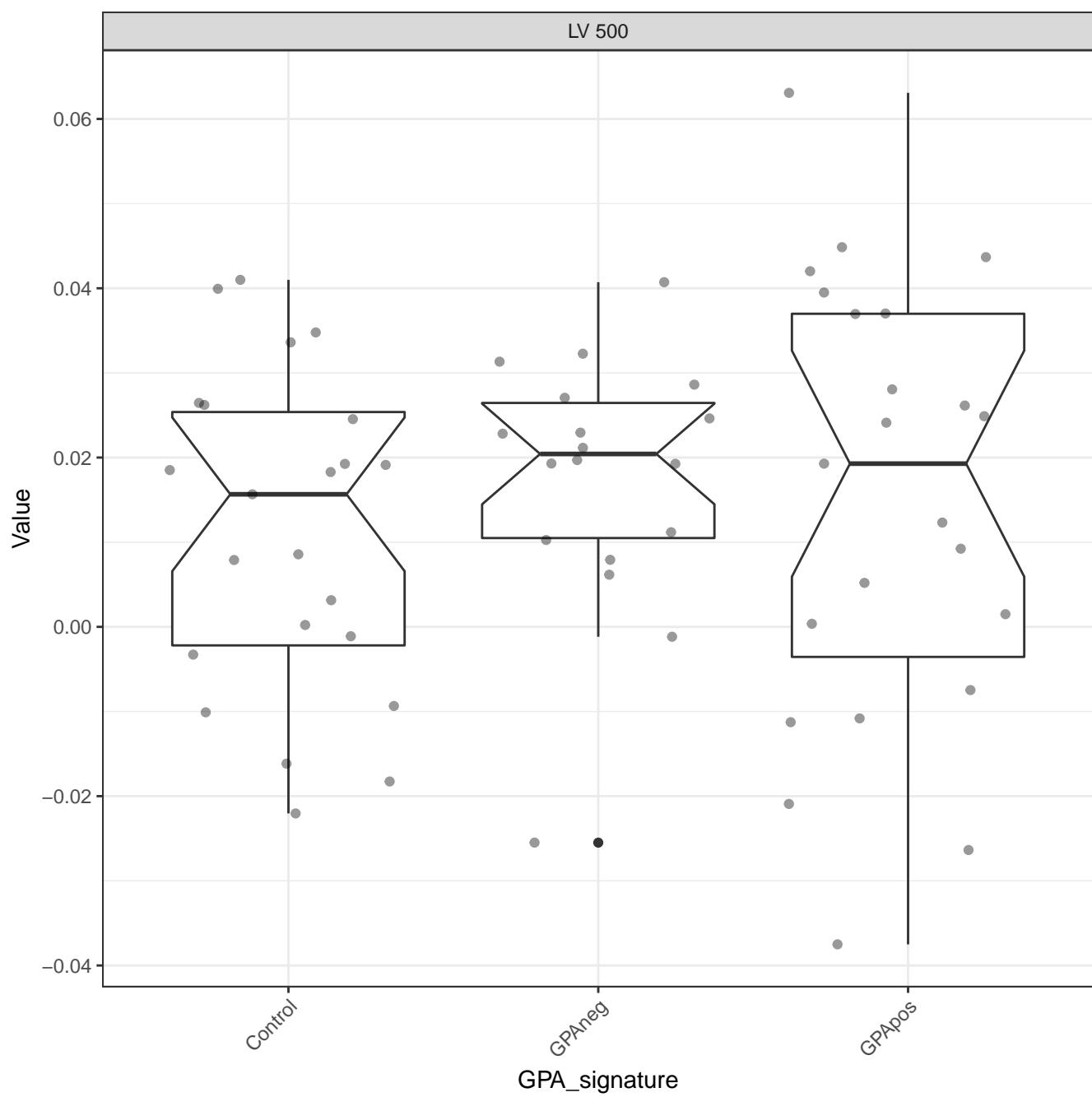
GPA_signature



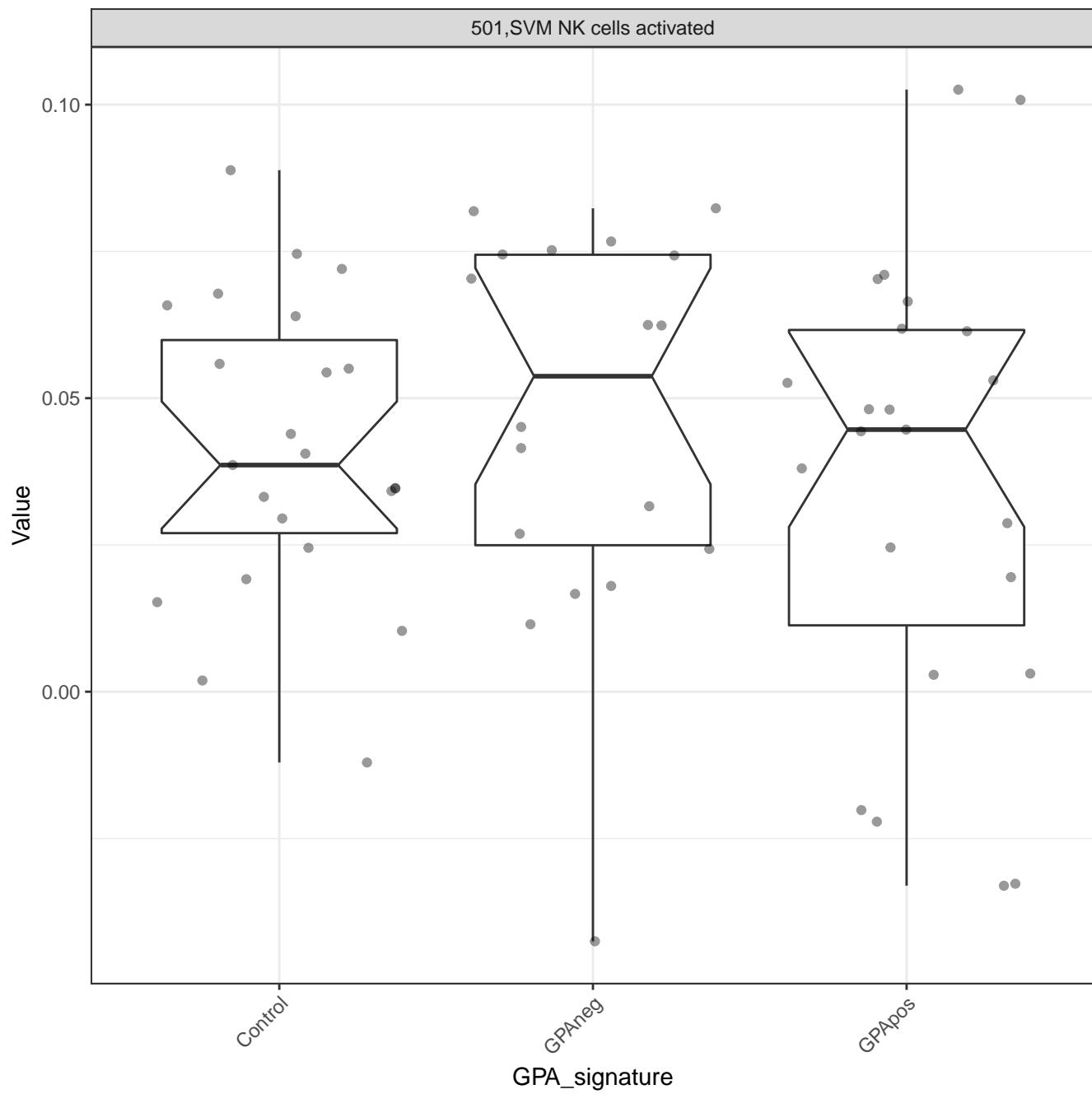
LV 499



LV 500



501, SVM NK cells activated



LV 502

Value

0.04

0.02

0.00

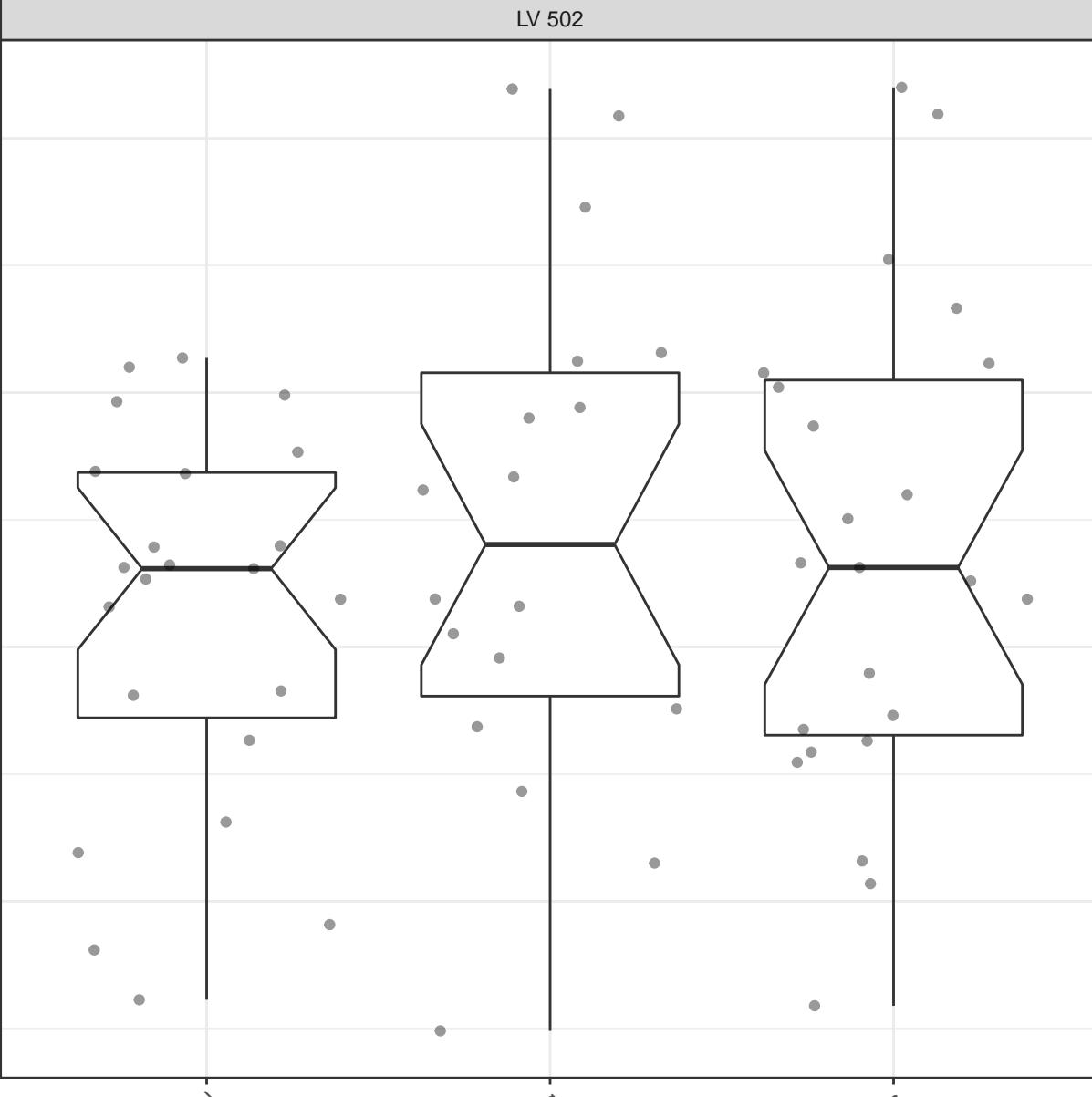
-0.02

Control

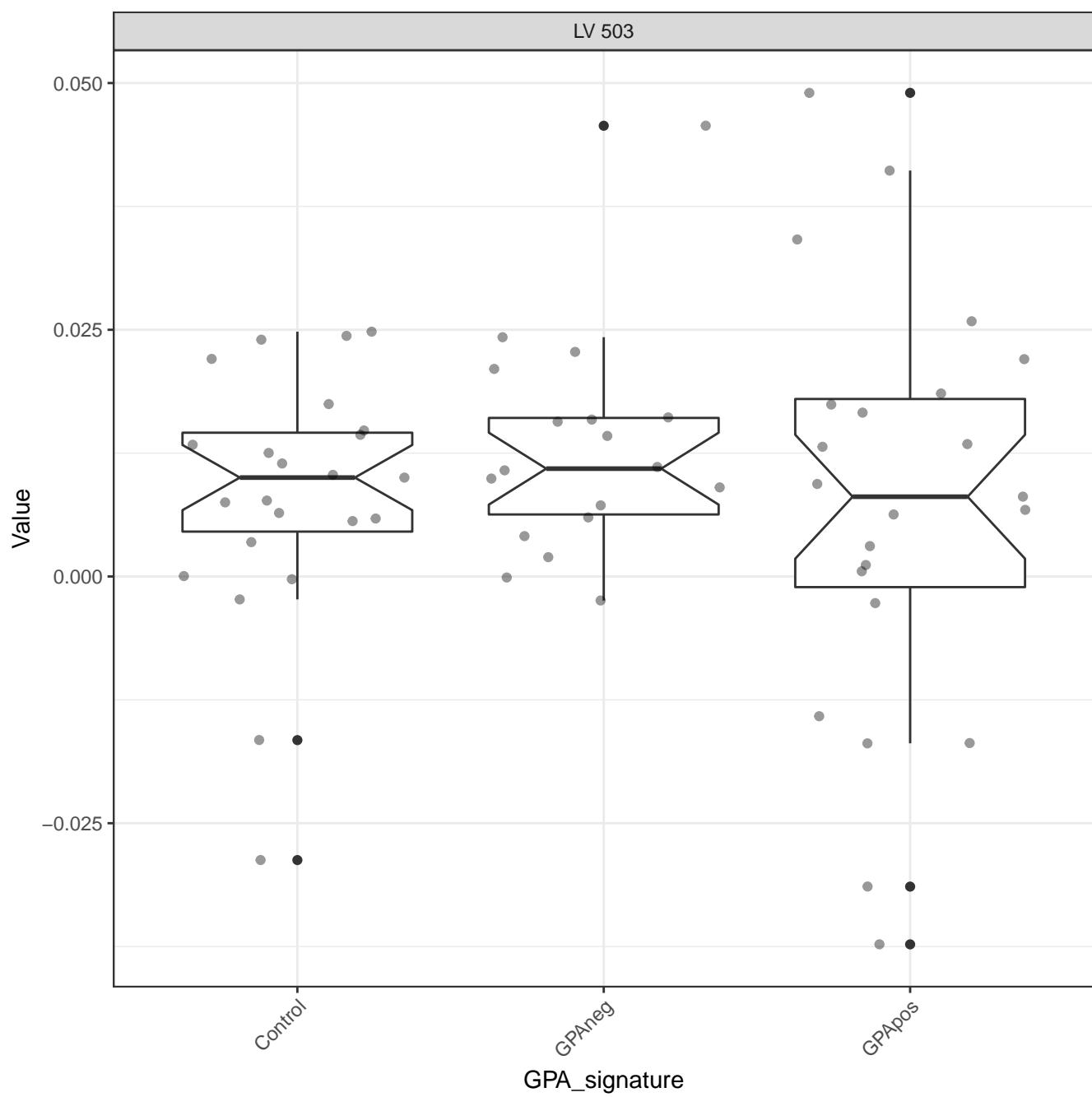
GPA_signature

GPAneg

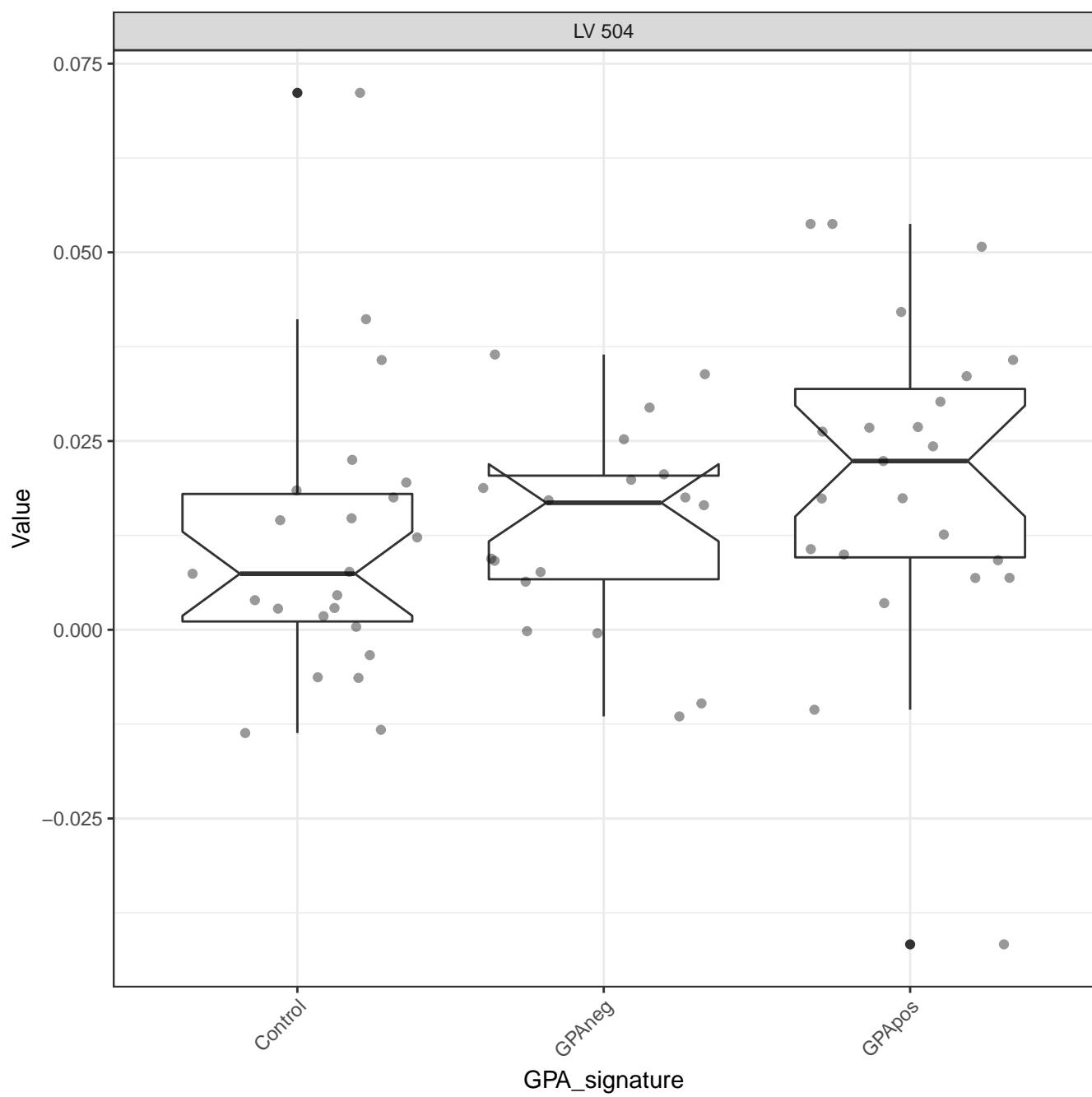
GPApos



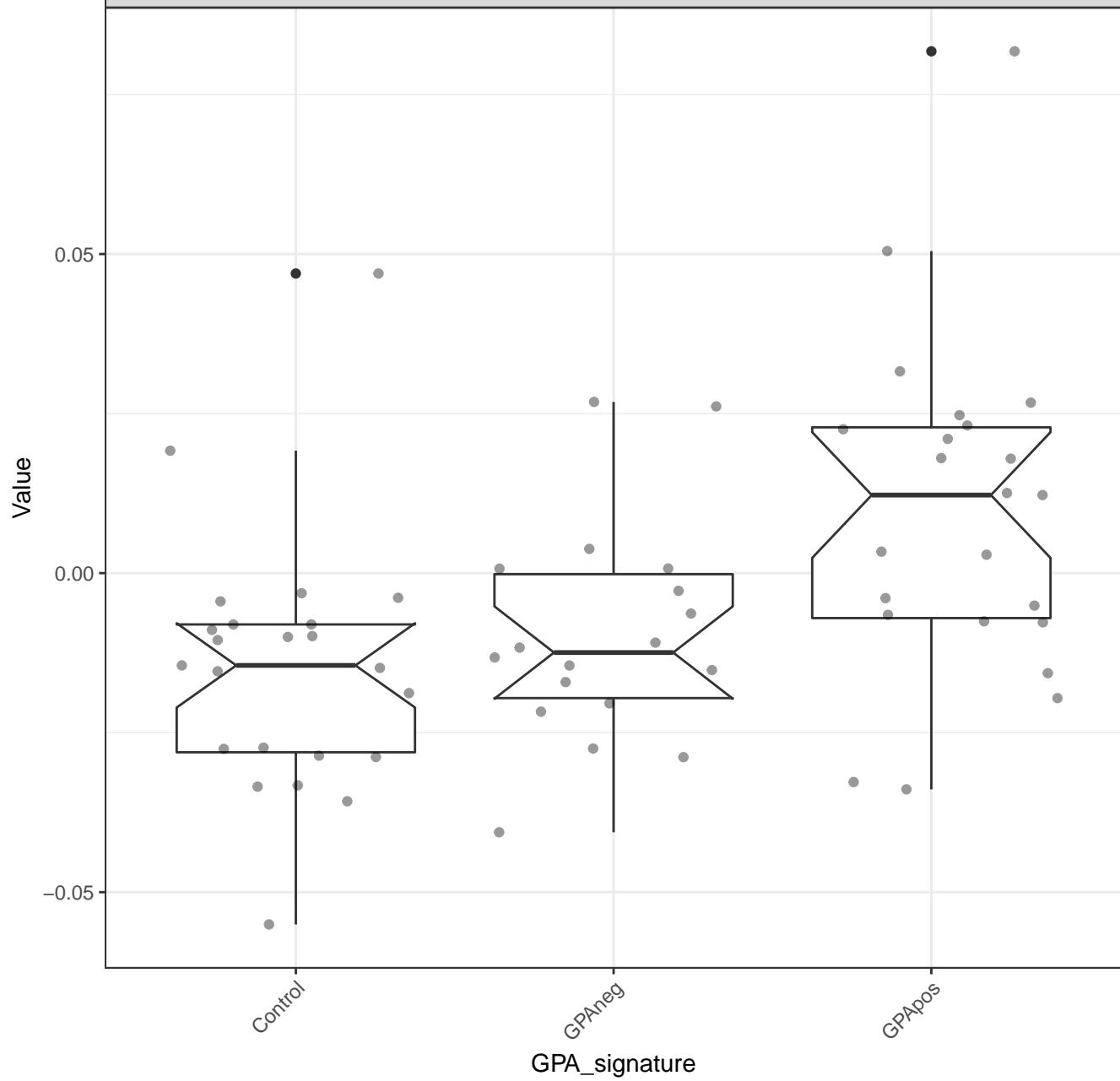
LV 503



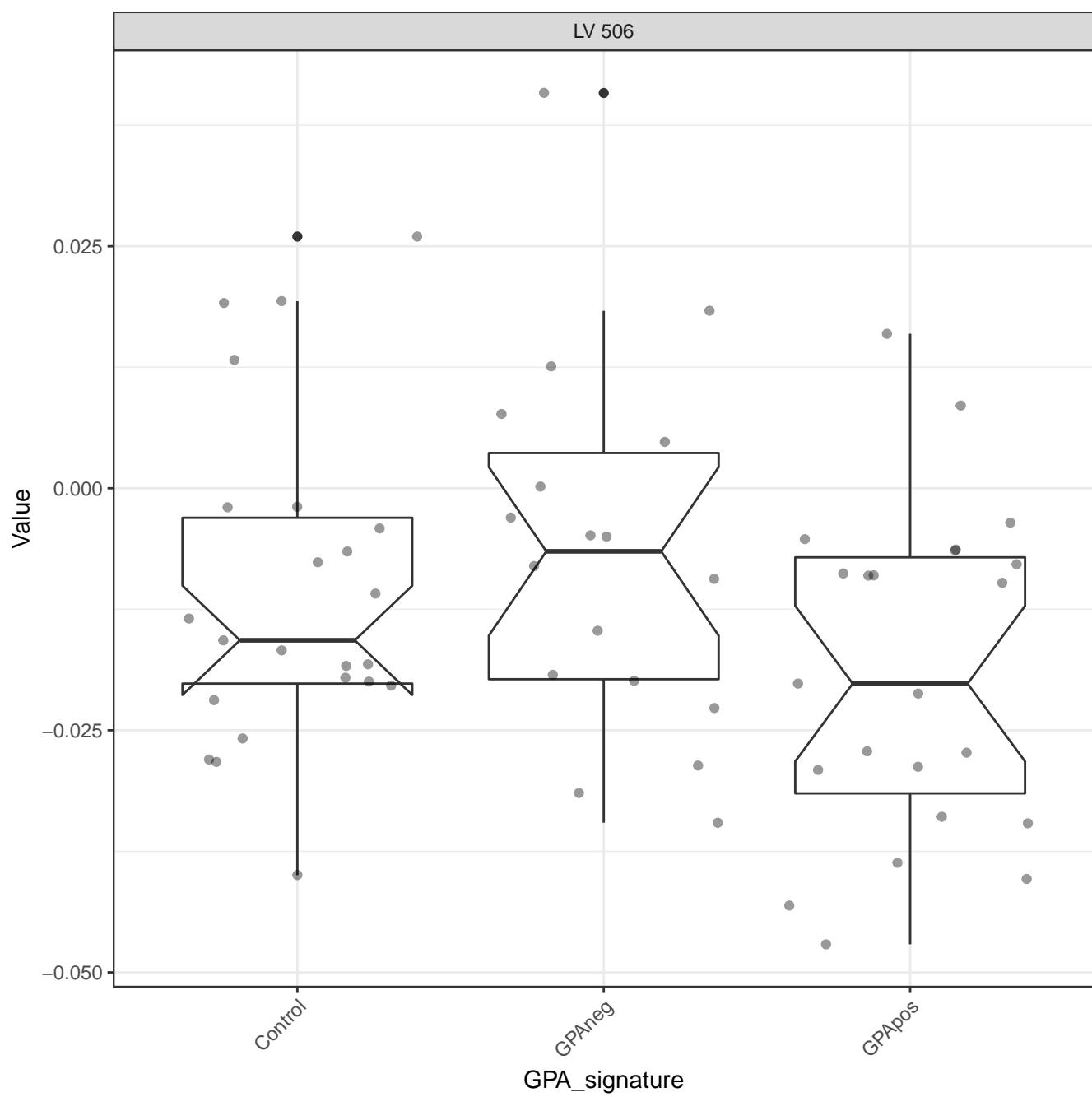
LV 504

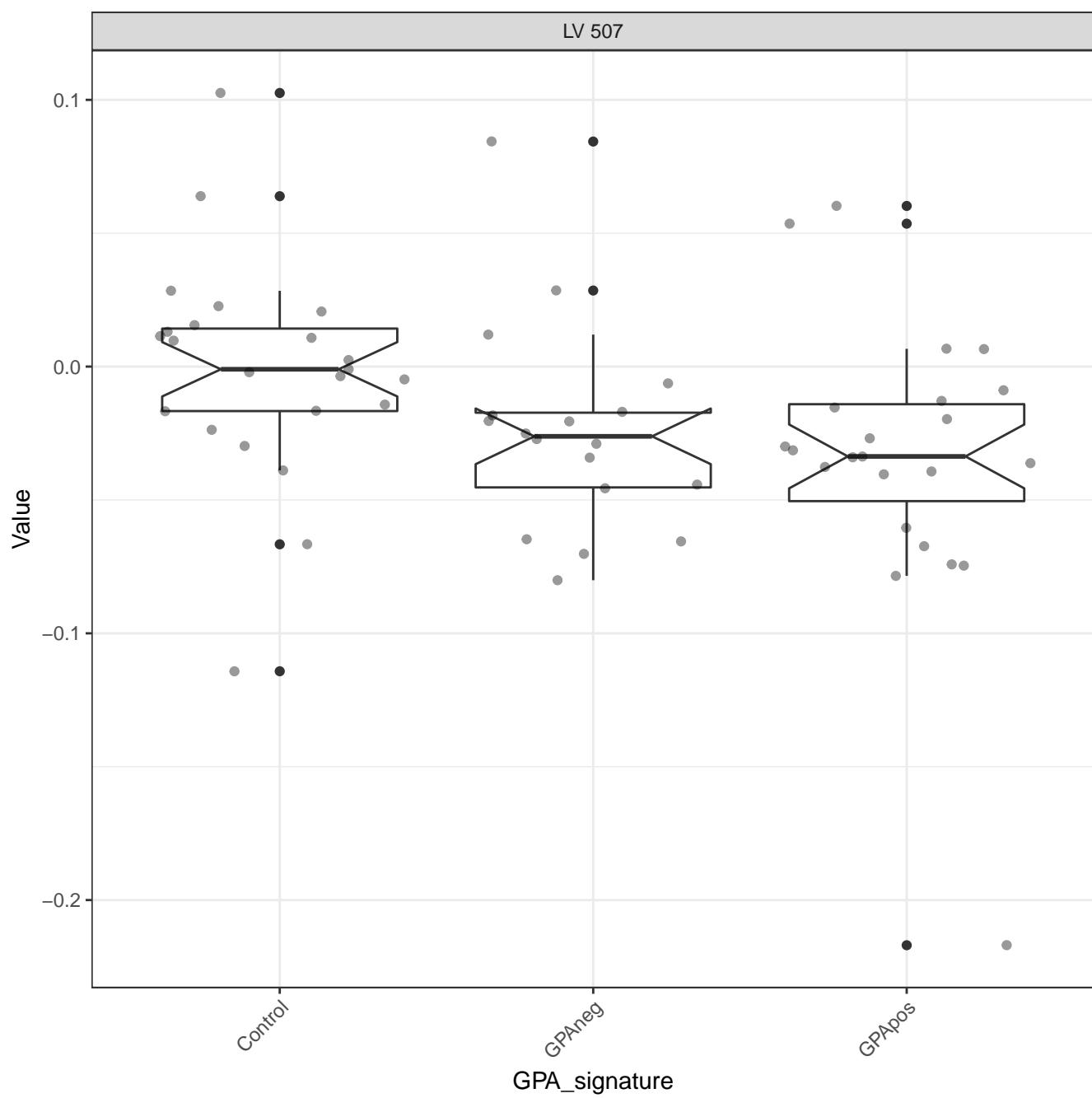


LV 505

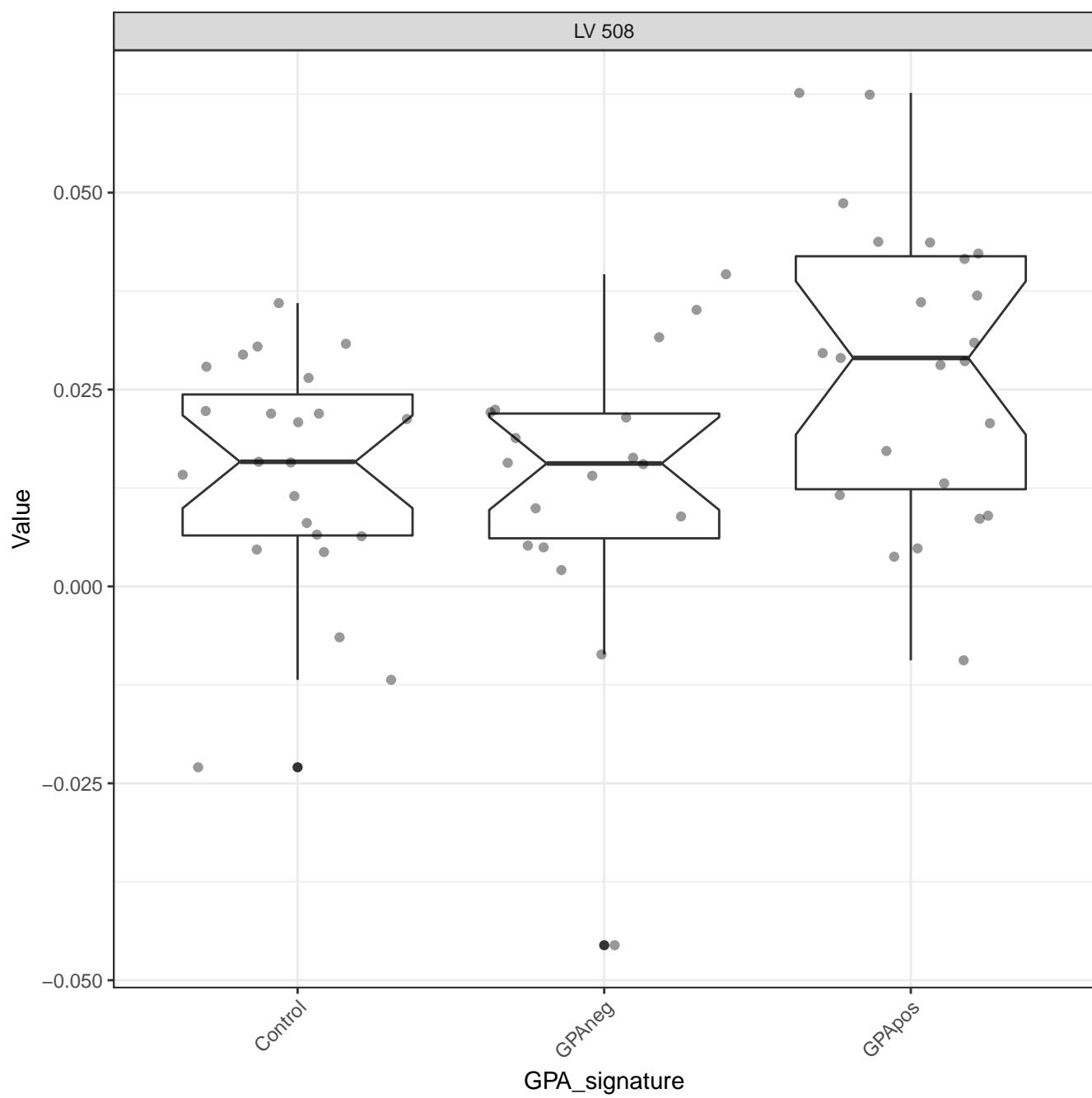


LV 506

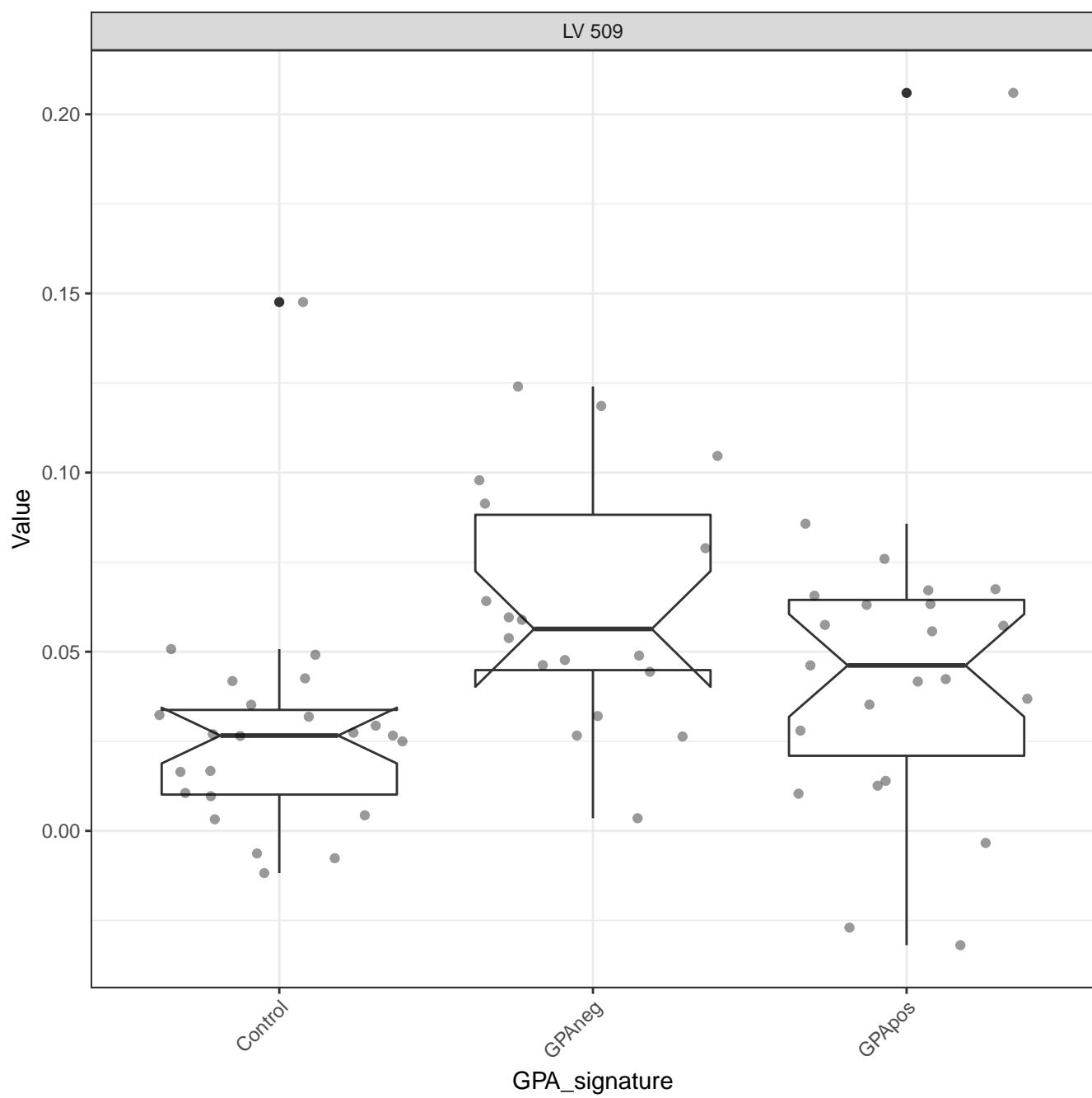




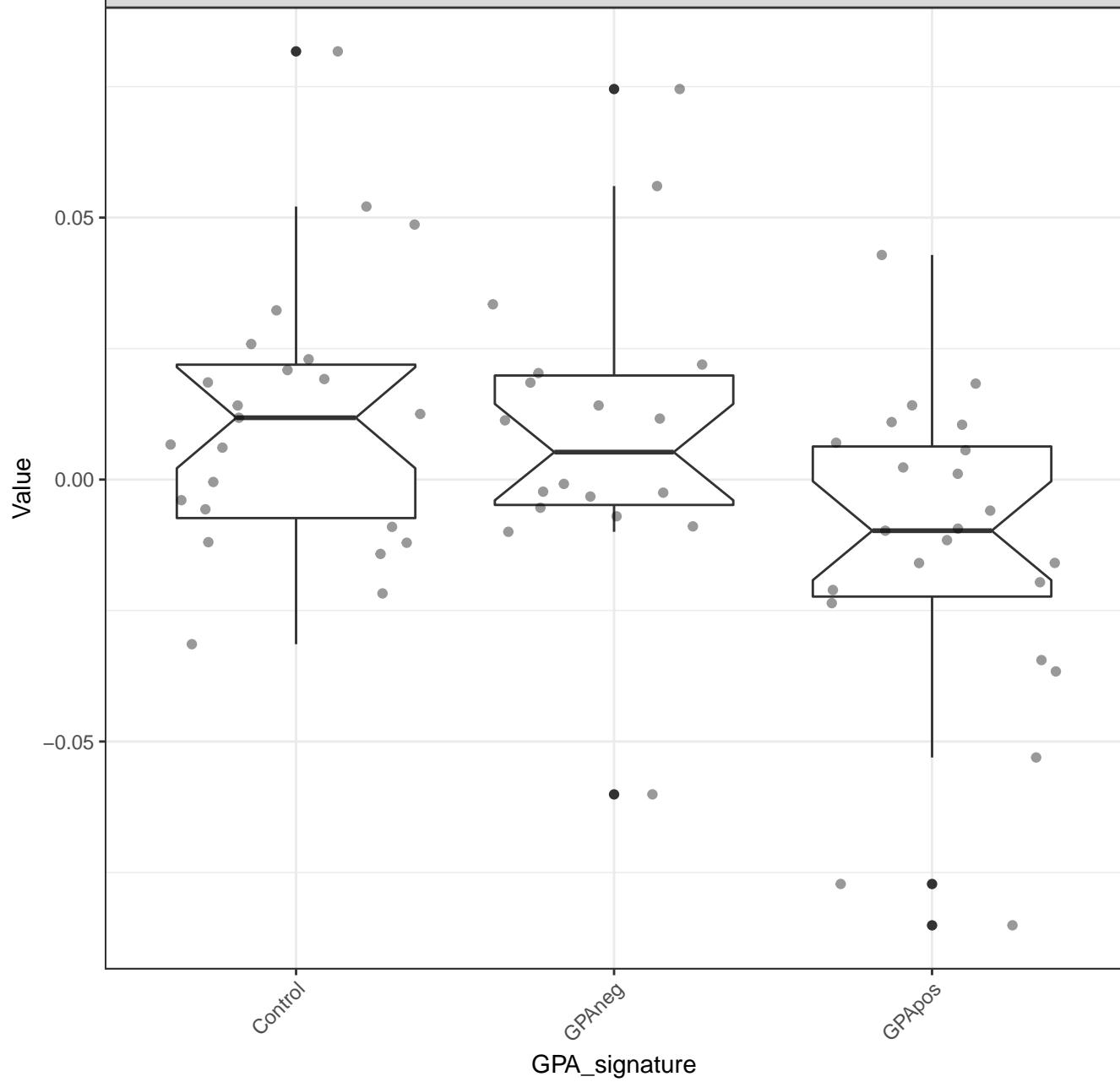
LV 508



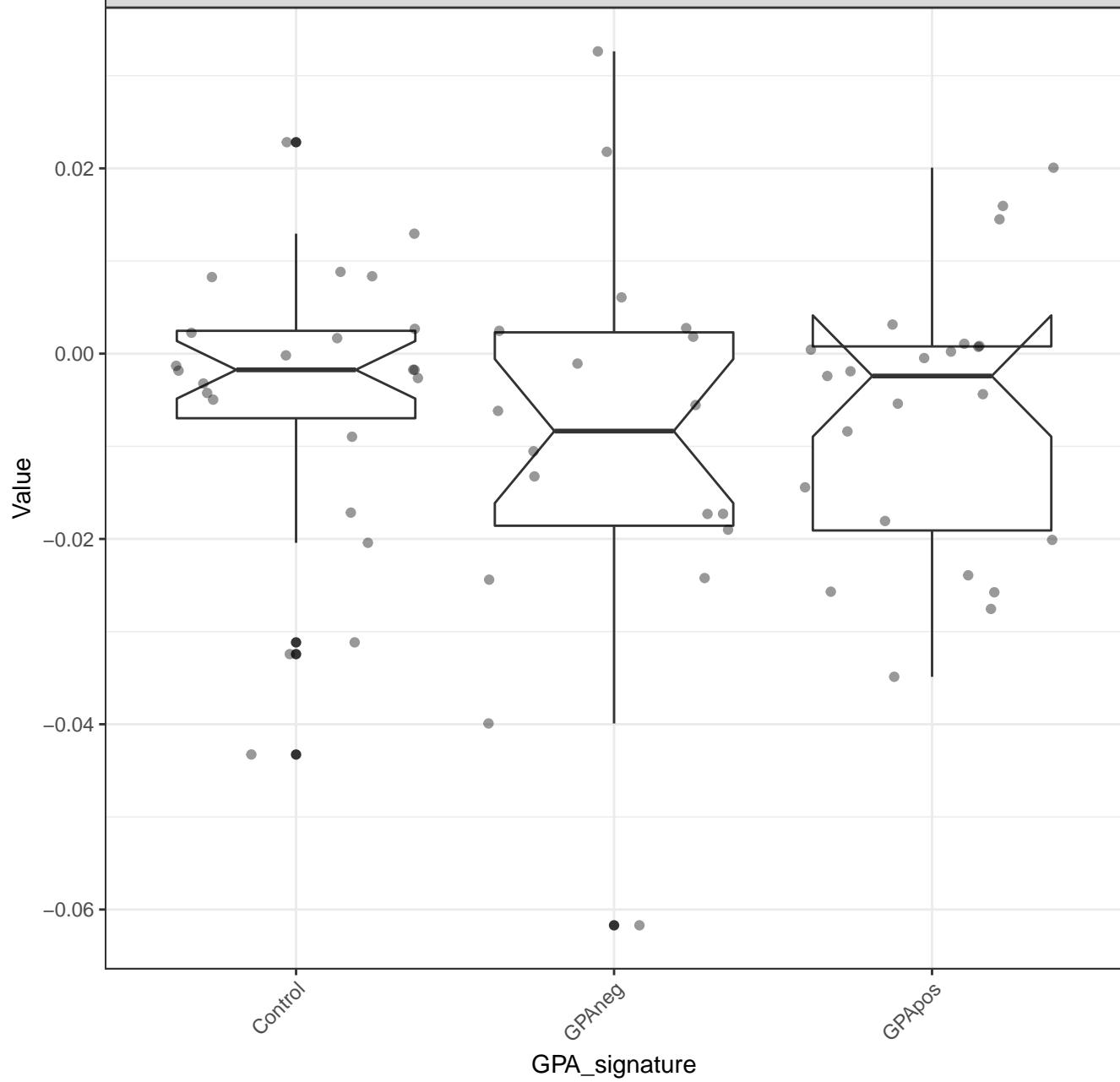
LV 509

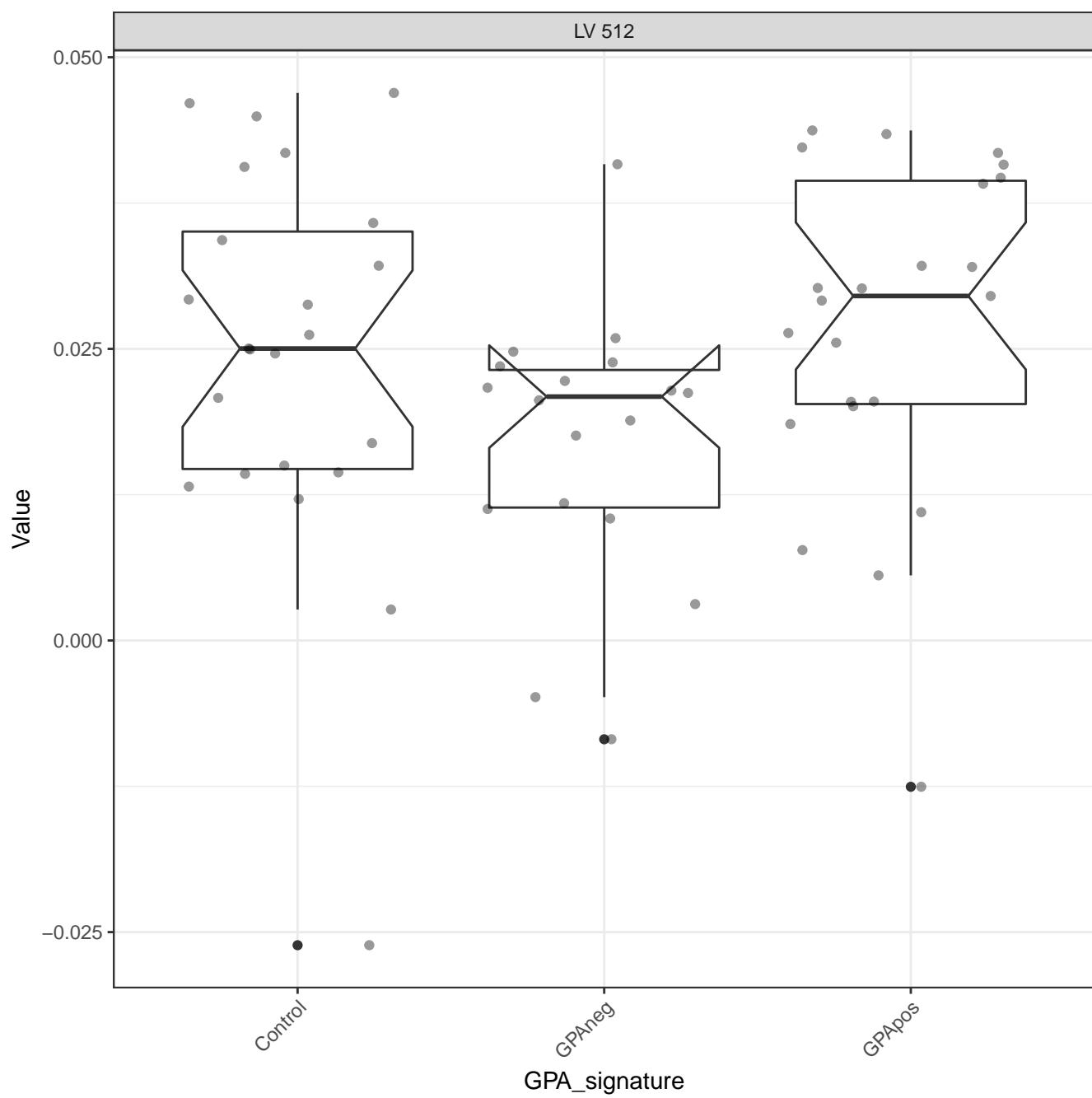


LV 510



LV 511





LV 513

Value

0.06

0.03

0.00

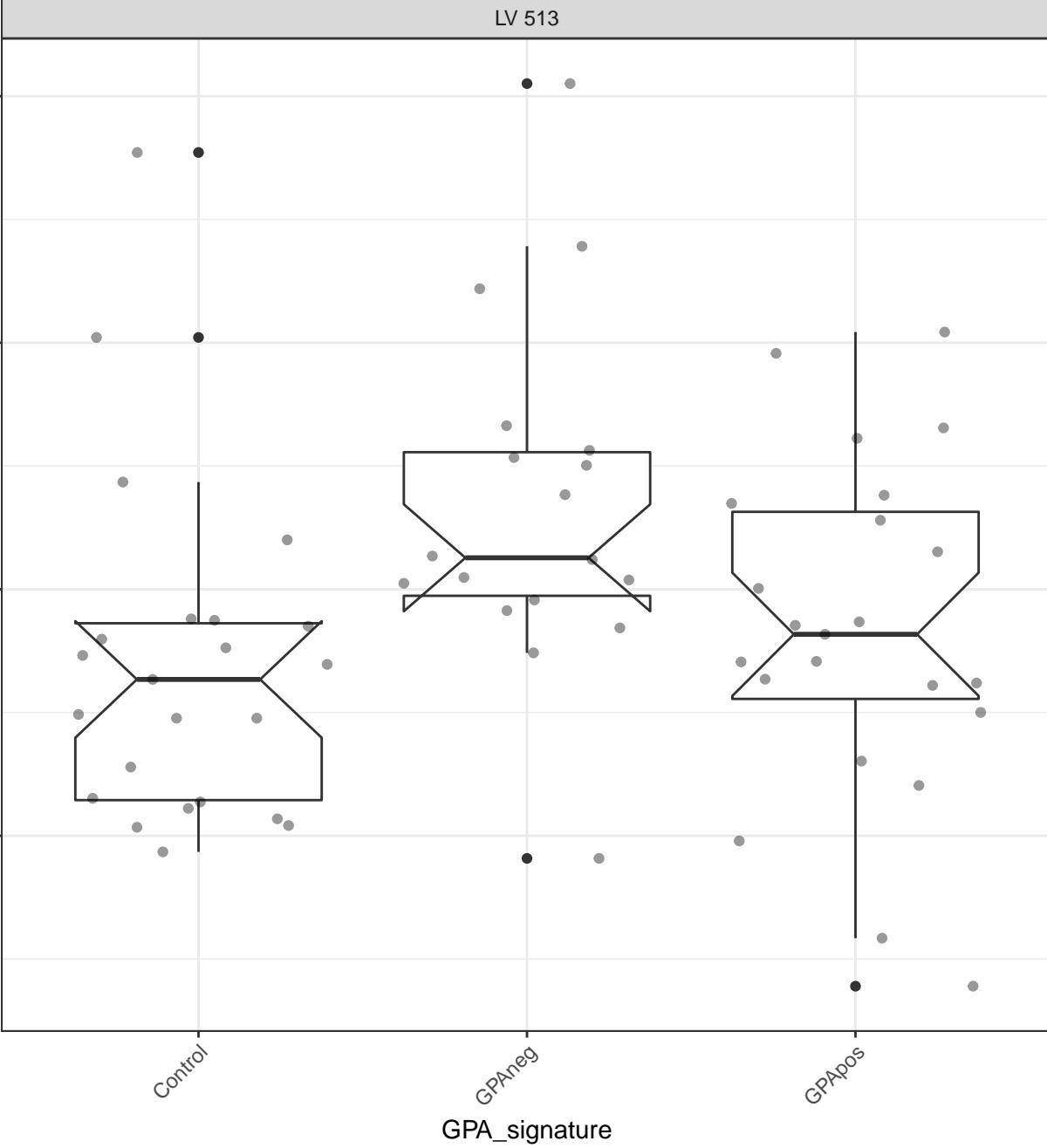
-0.03

Control

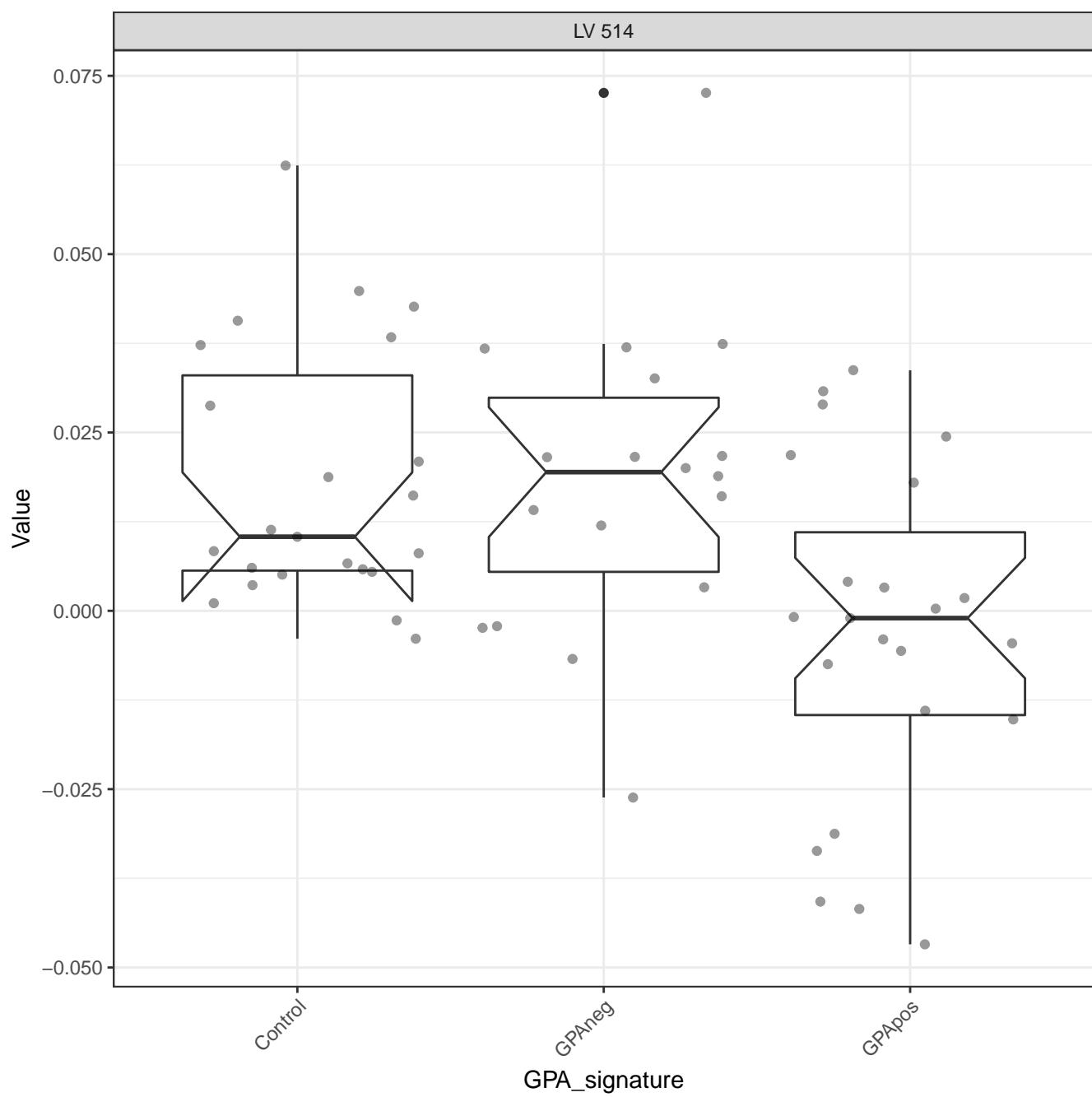
GPAneg

GPAPos

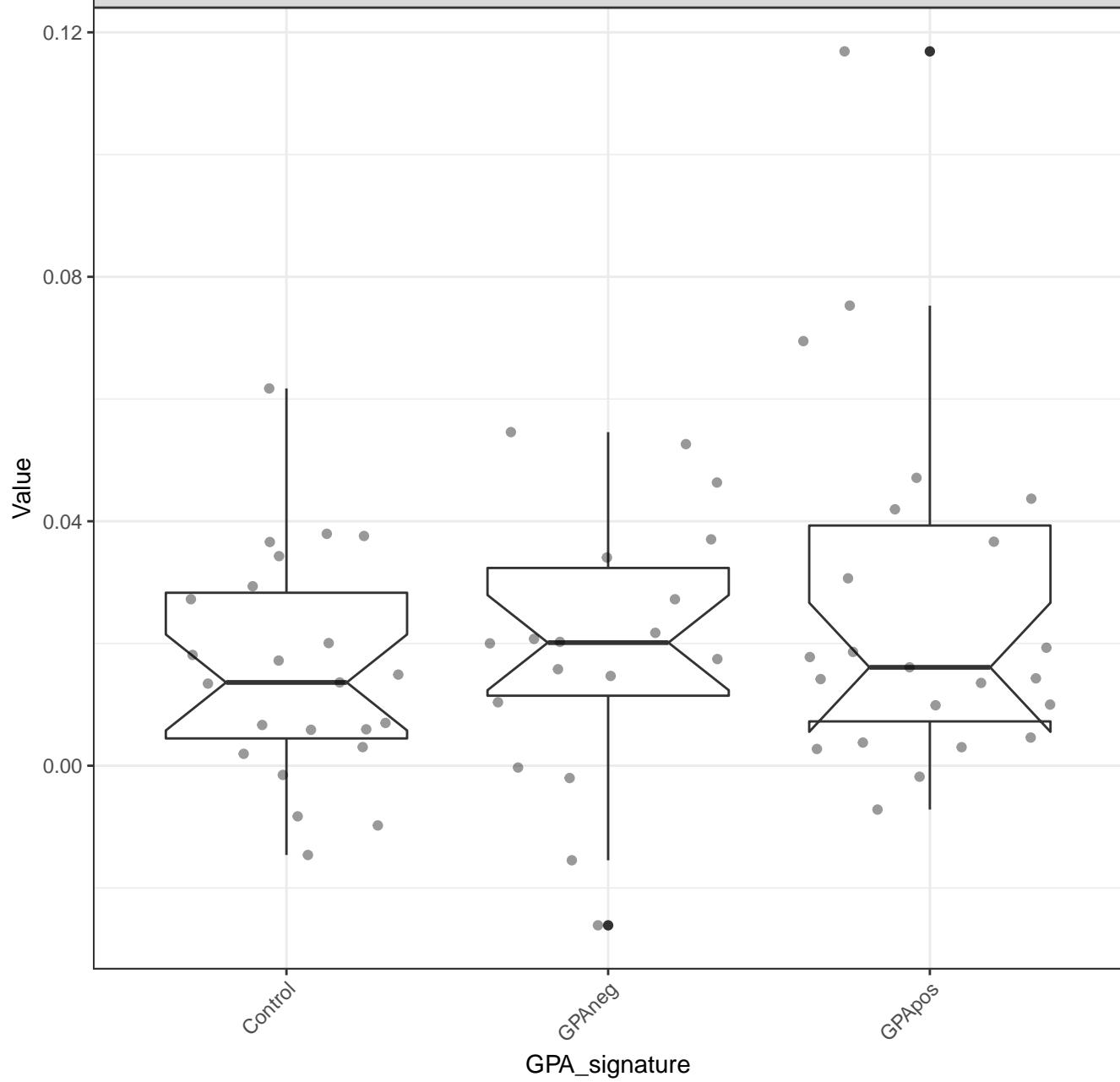
GPA_signature



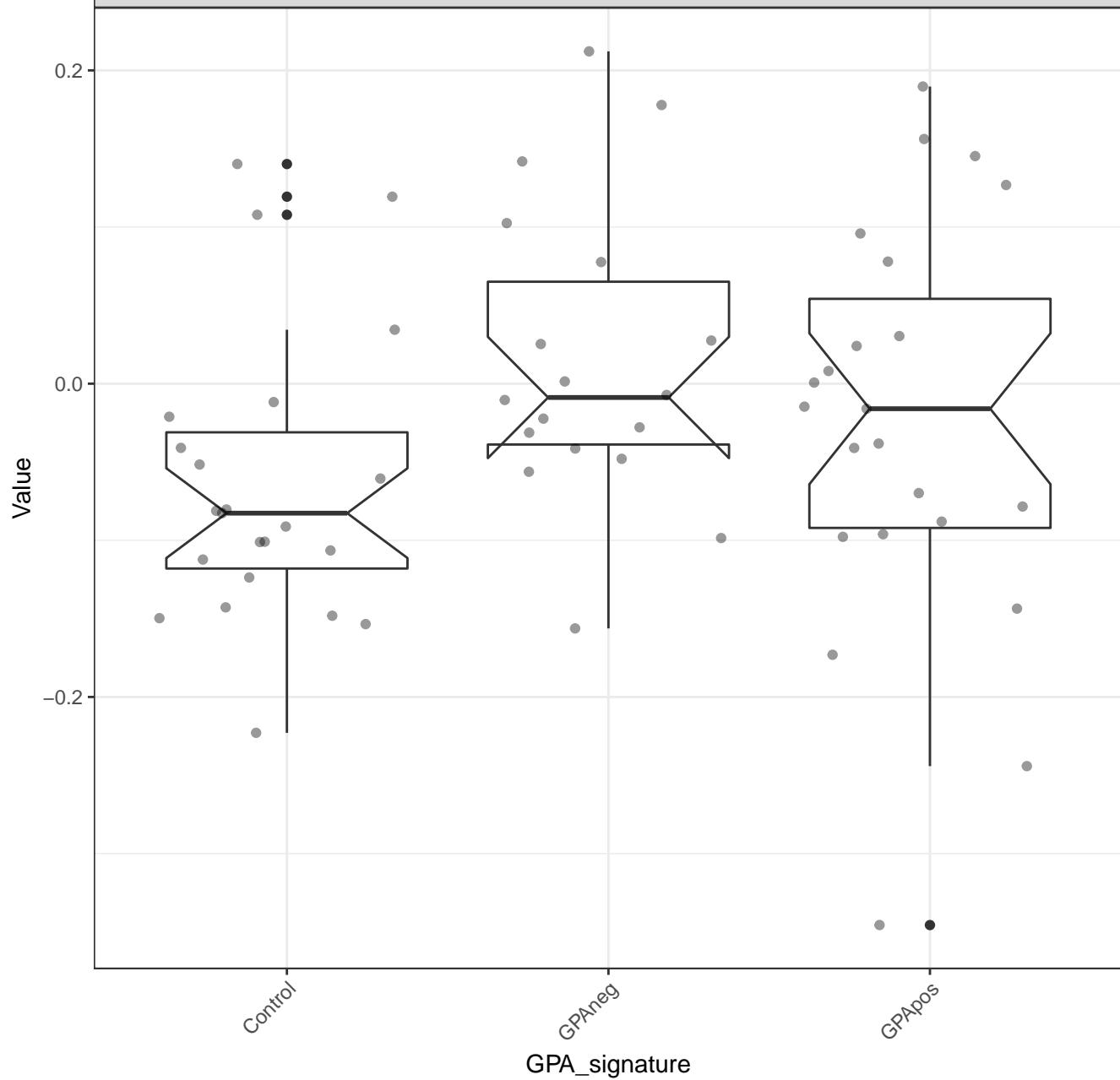
LV 514



LV 515

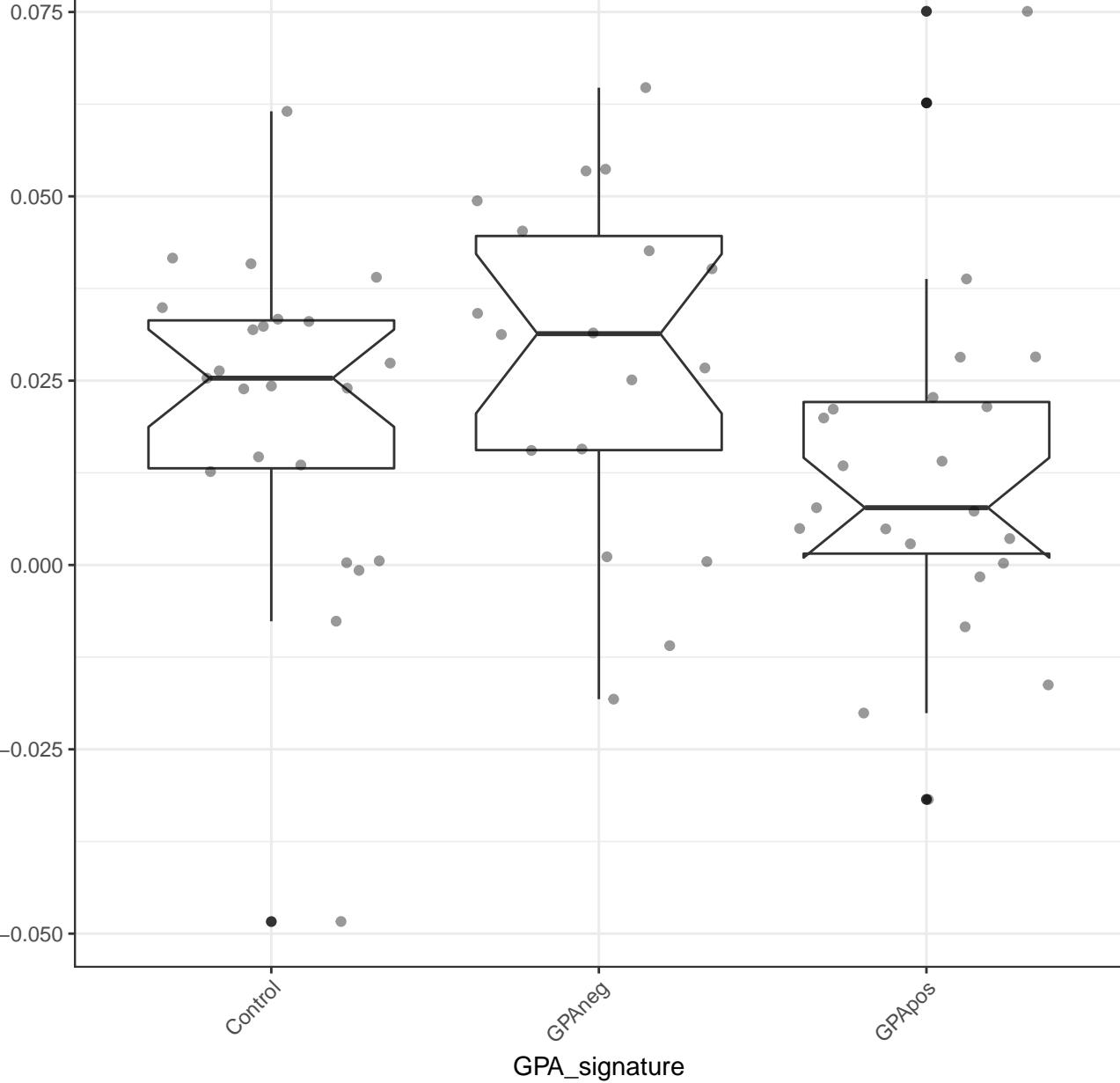


516,PID_TCR_PATHWAY

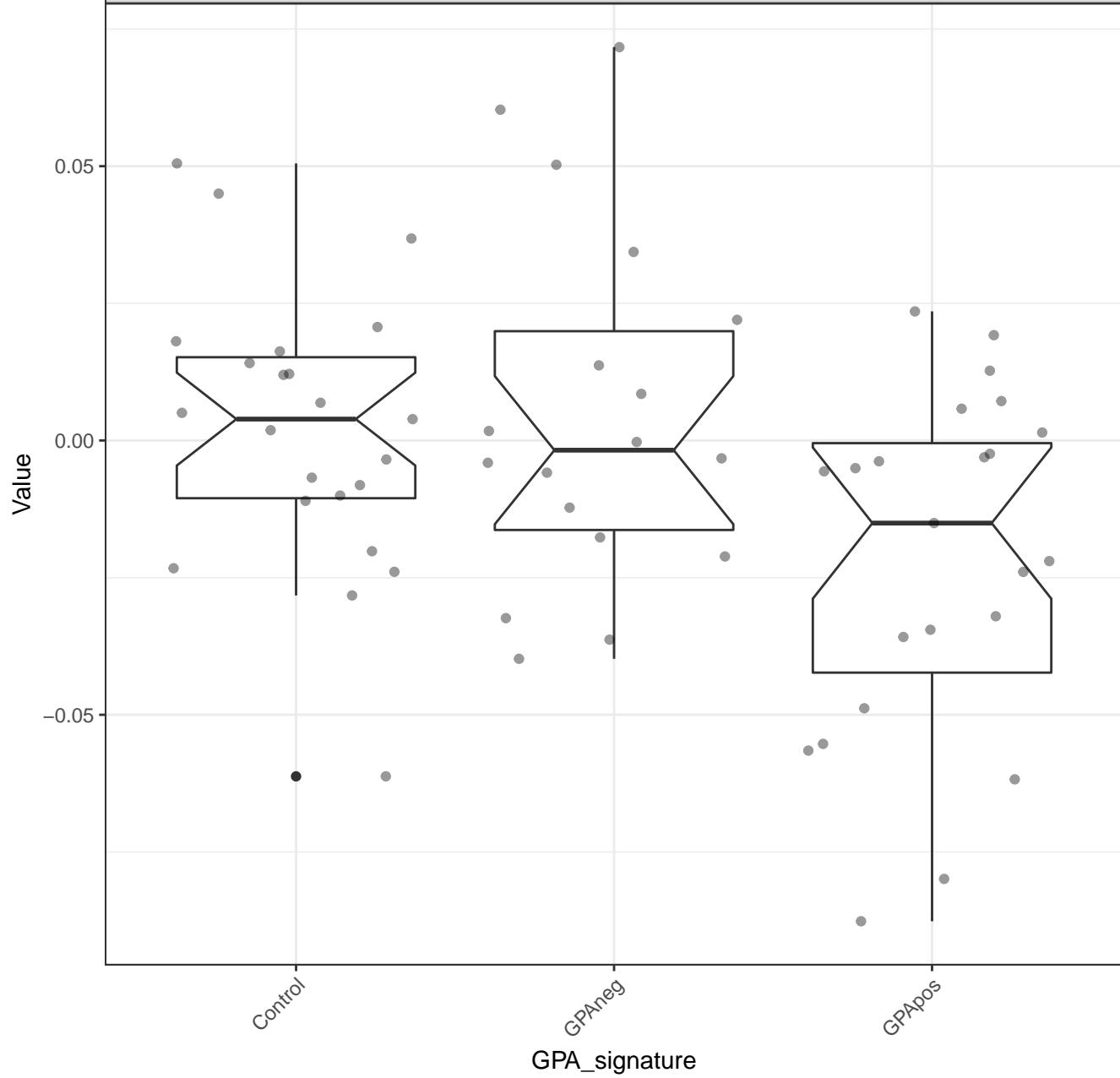


517,REACTOME_SIGNALING_BY_EGFR_IN_CANCER

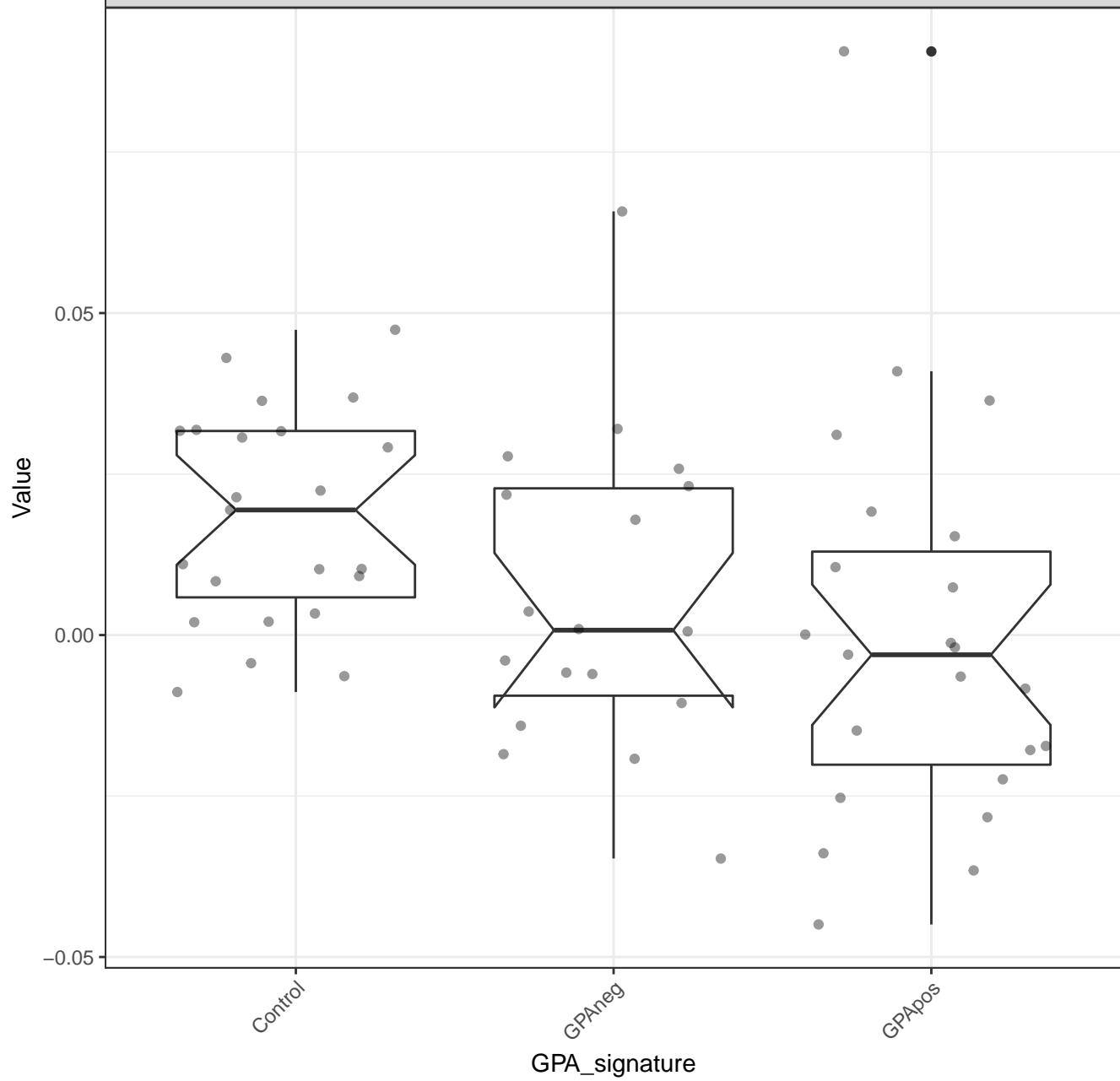
Value



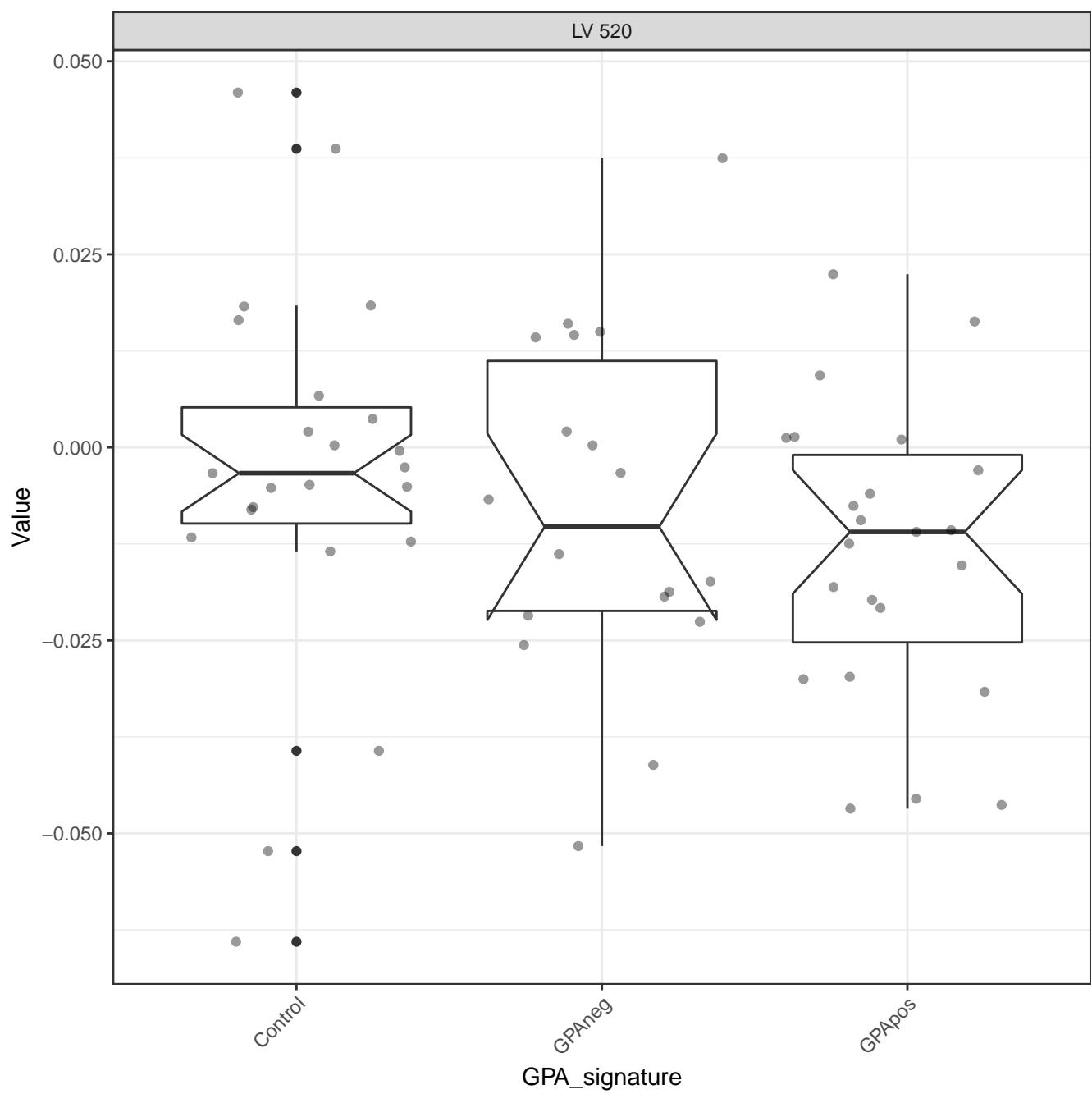
518,REACTOME_GENERIC_TRANSSCRIPTION_PATHWAY

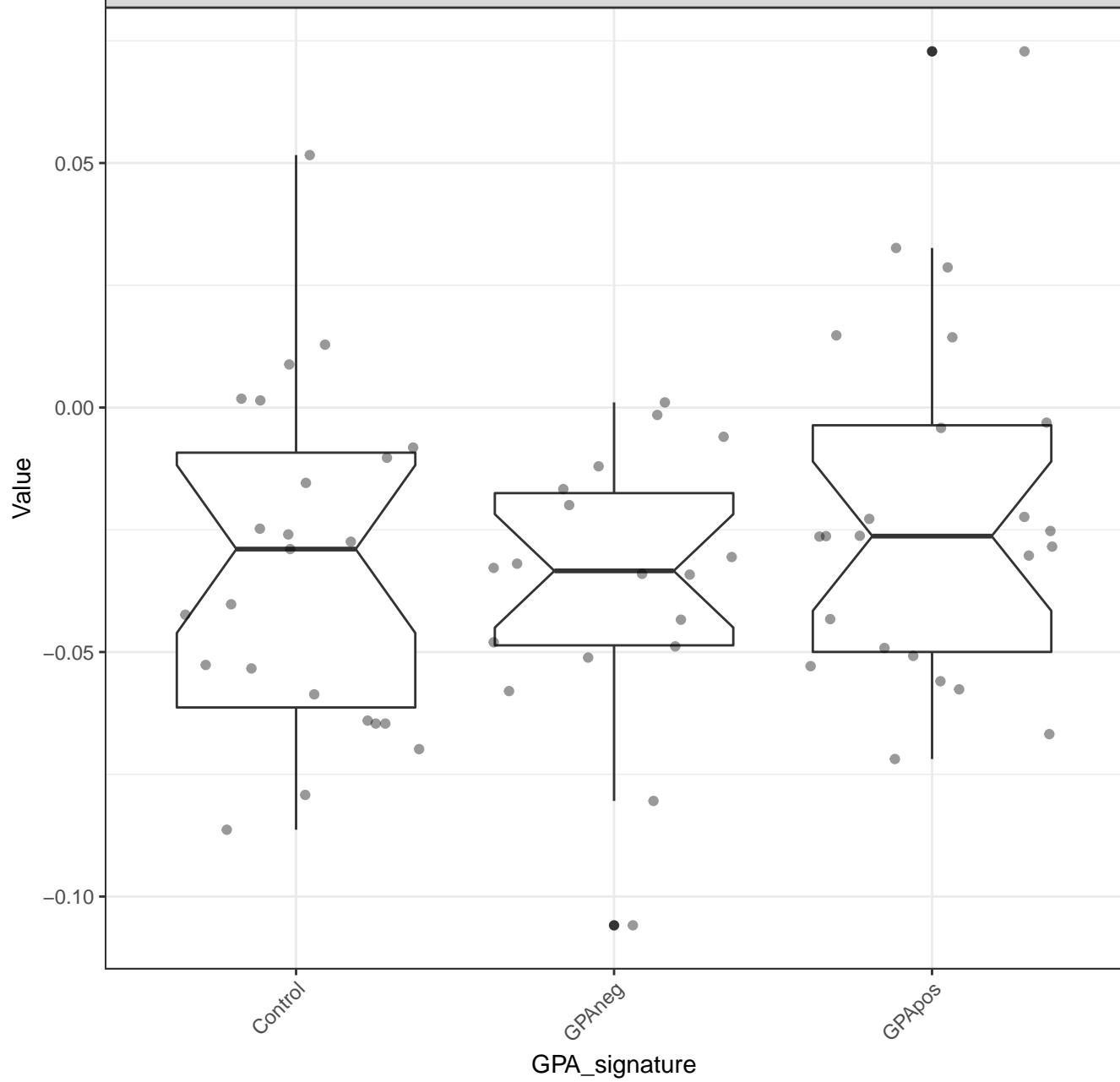


LV 519



LV 520





Value

0.05

0.00

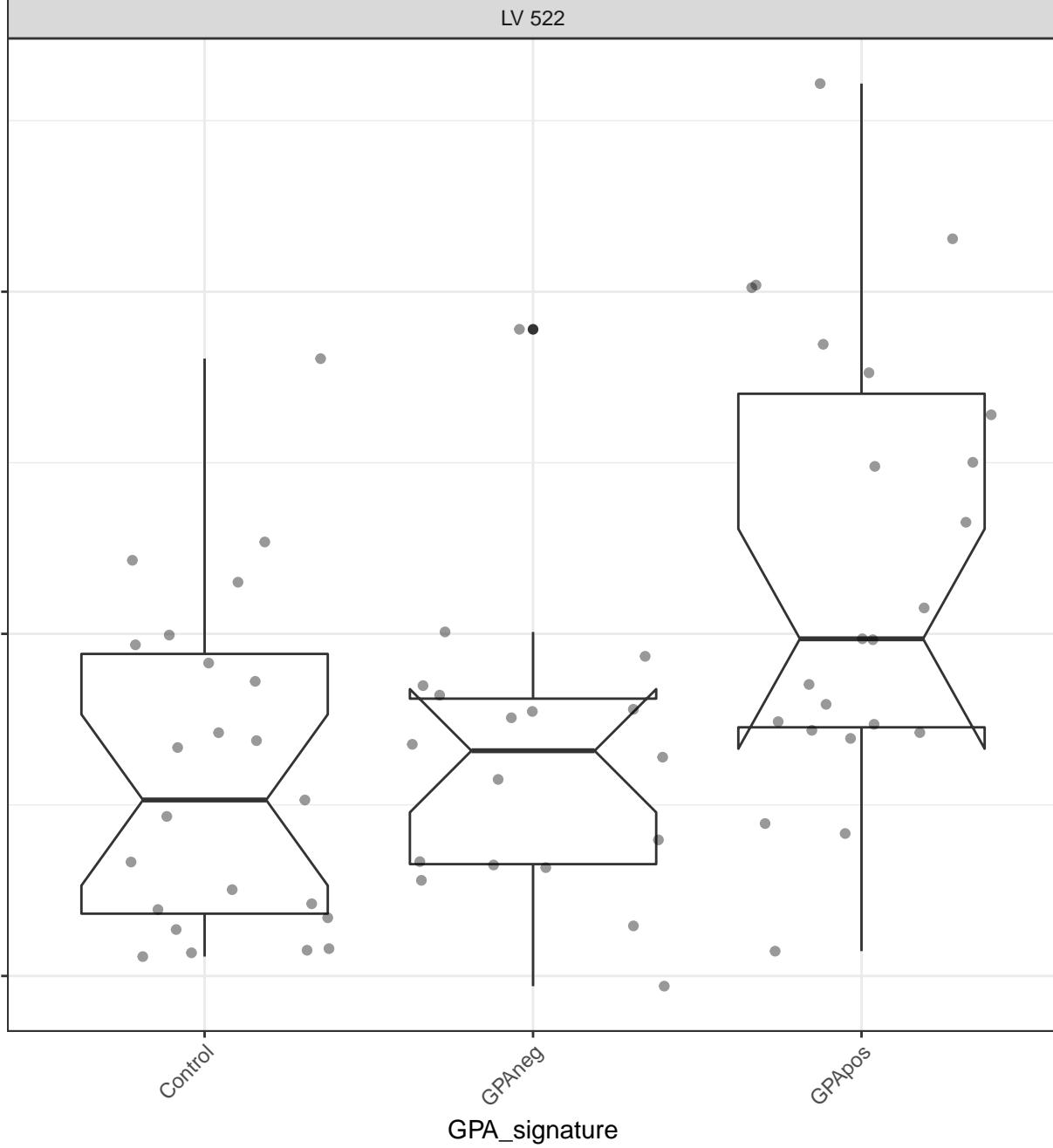
-0.05

Control

GPA_signature

GPAneg

GPApos



LV 523

Value

0.05

0.00

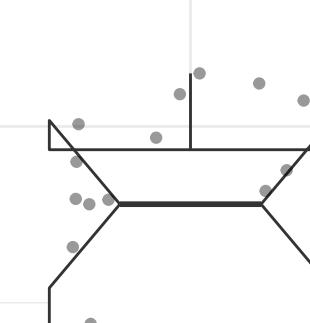
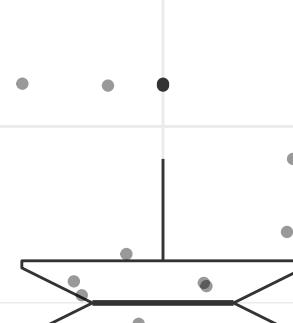
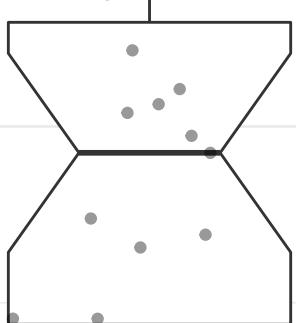
-0.05

Control

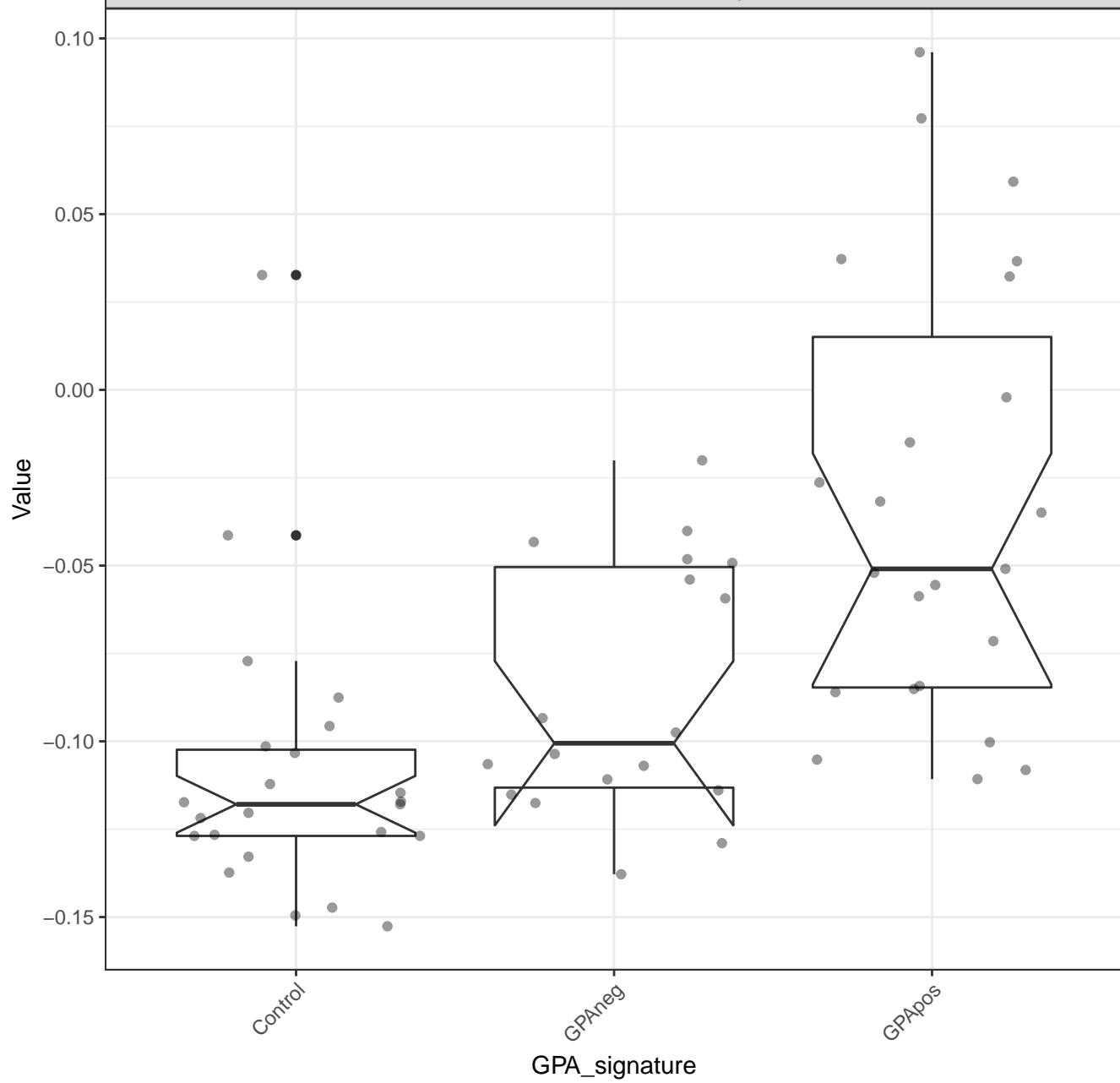
GPA_signature

GPAneg

GPAPos



524,IRIS_Neutrophil–Resting



LV 525

Value

0.05

0.00

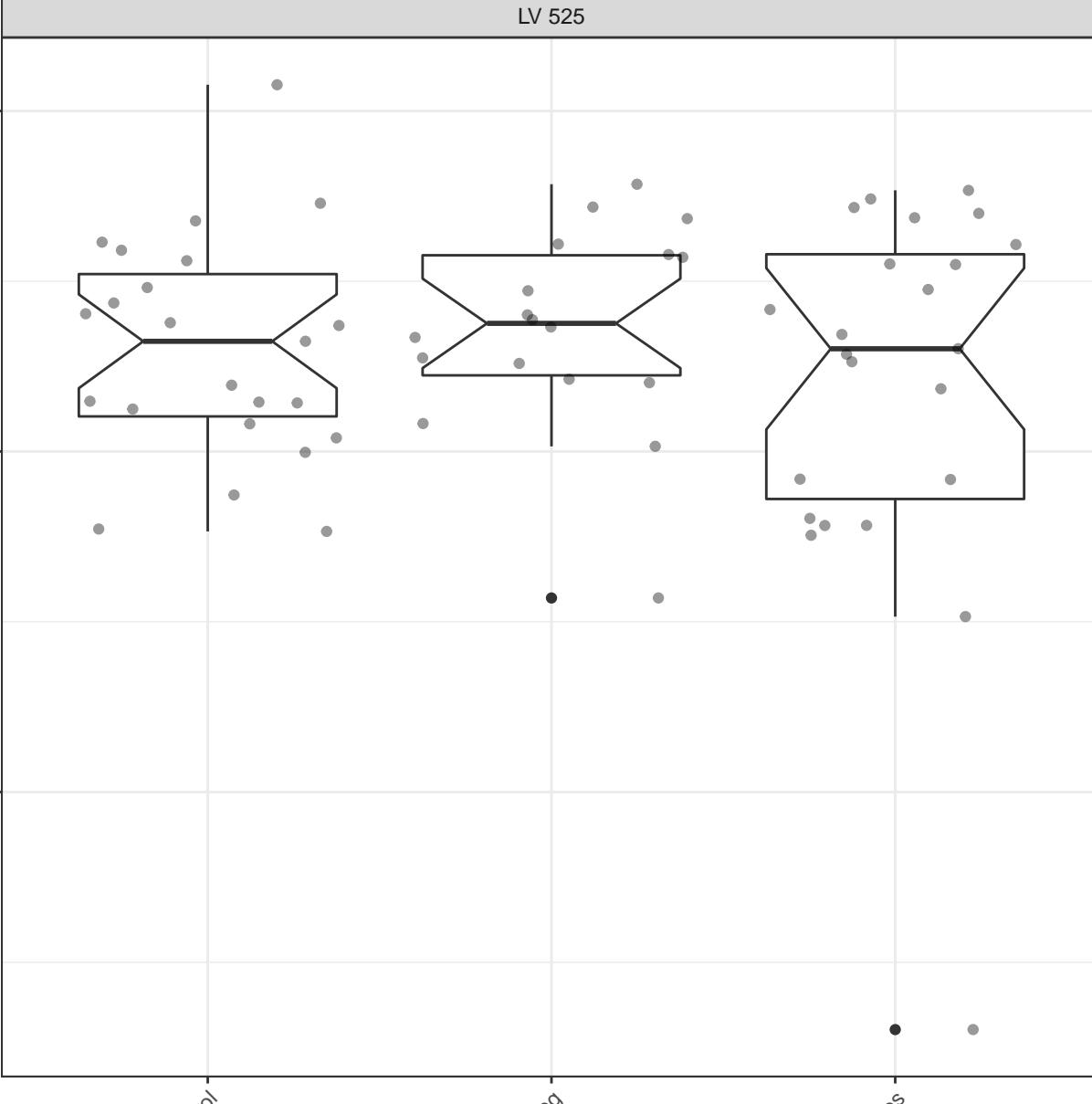
-0.05

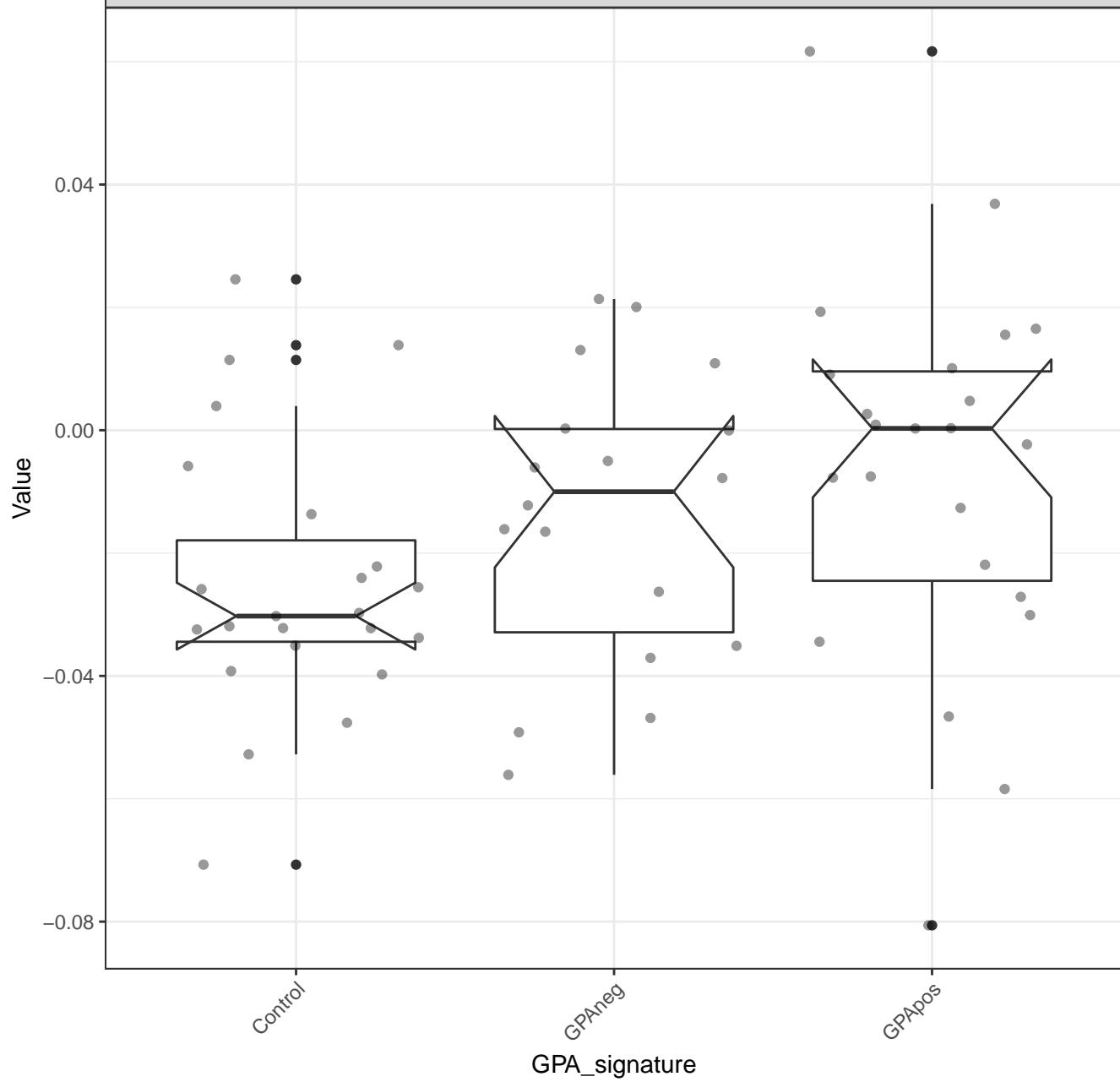
Control

GPAneg

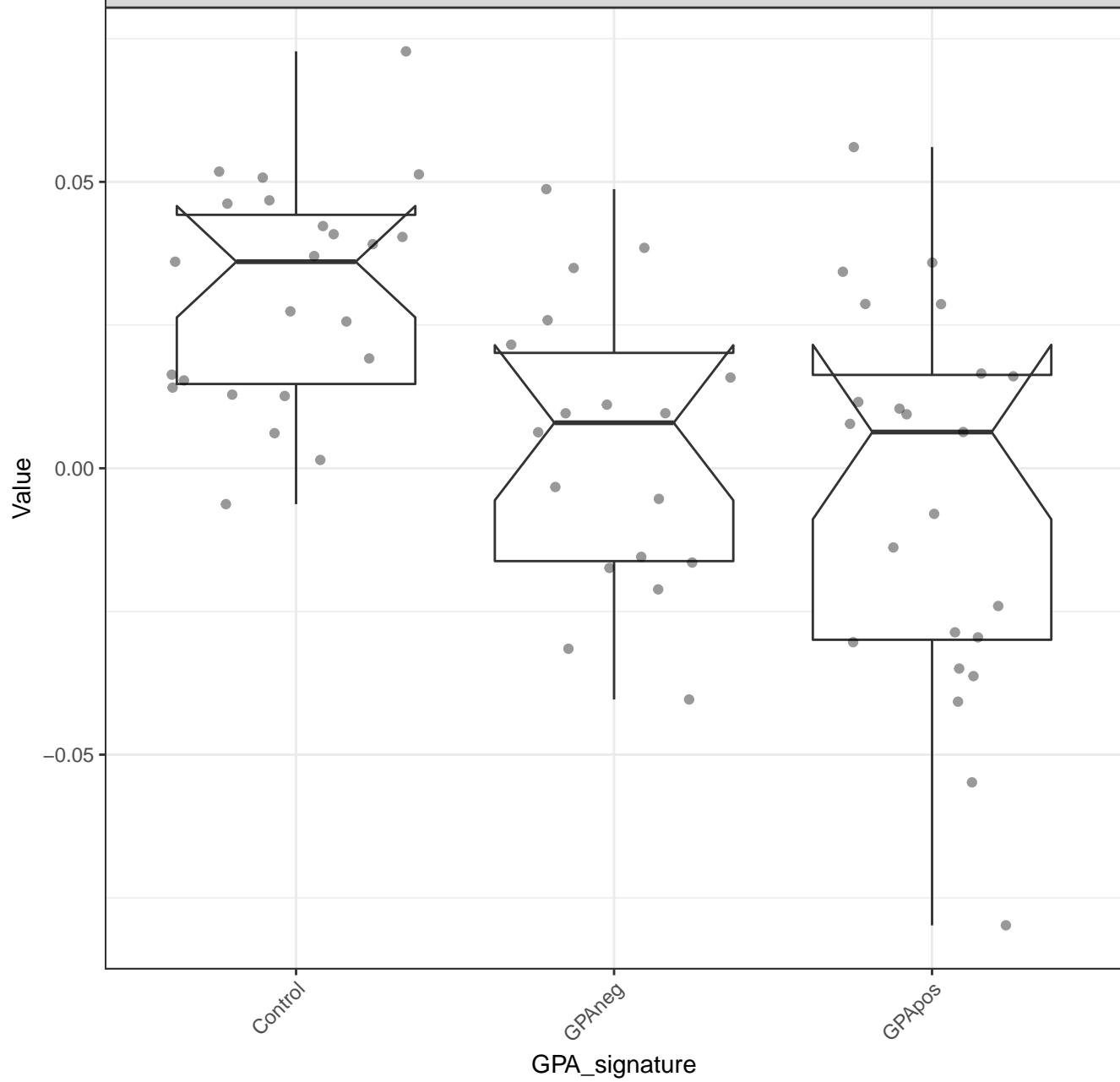
GPApos

GPA_signature

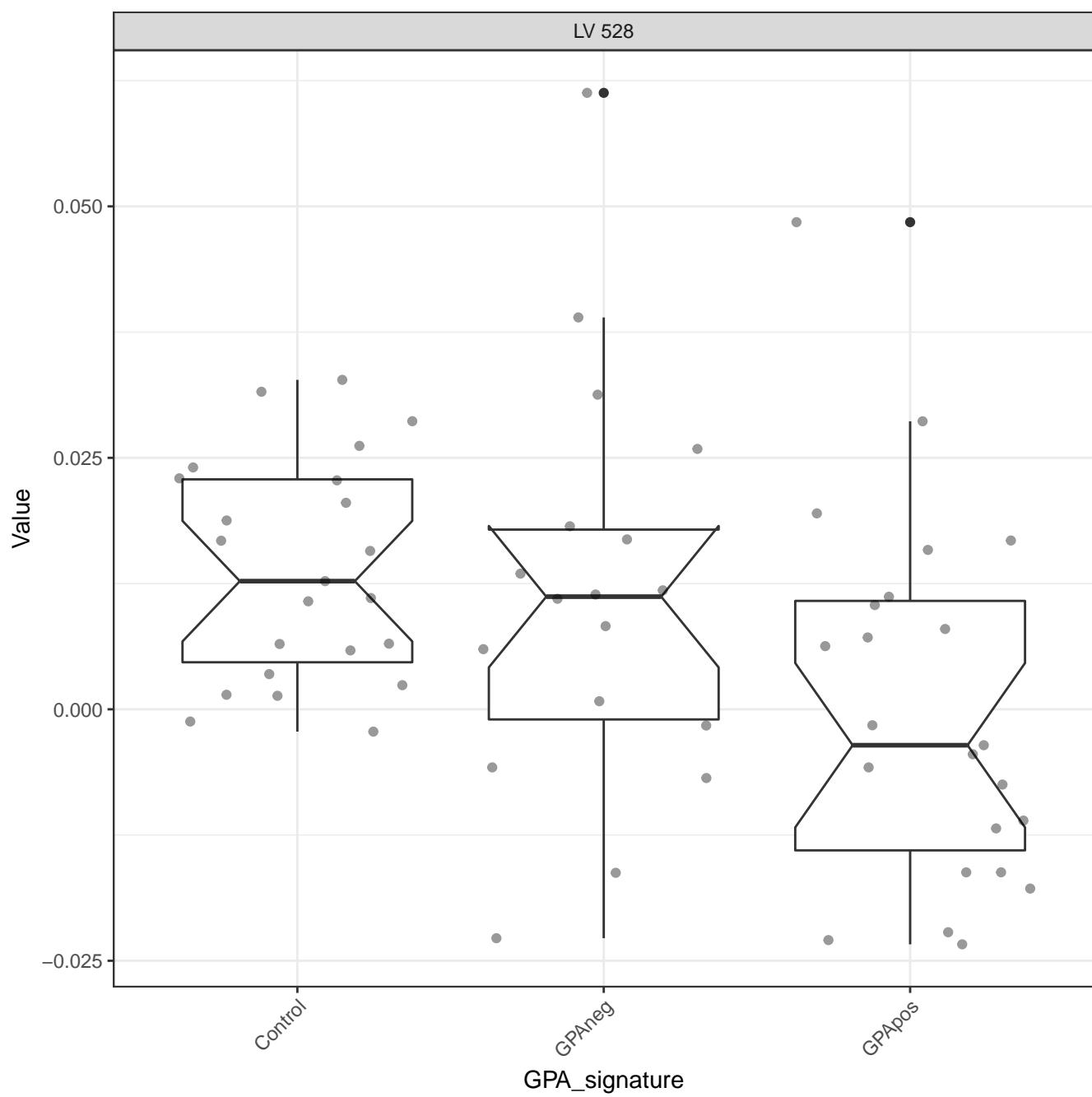


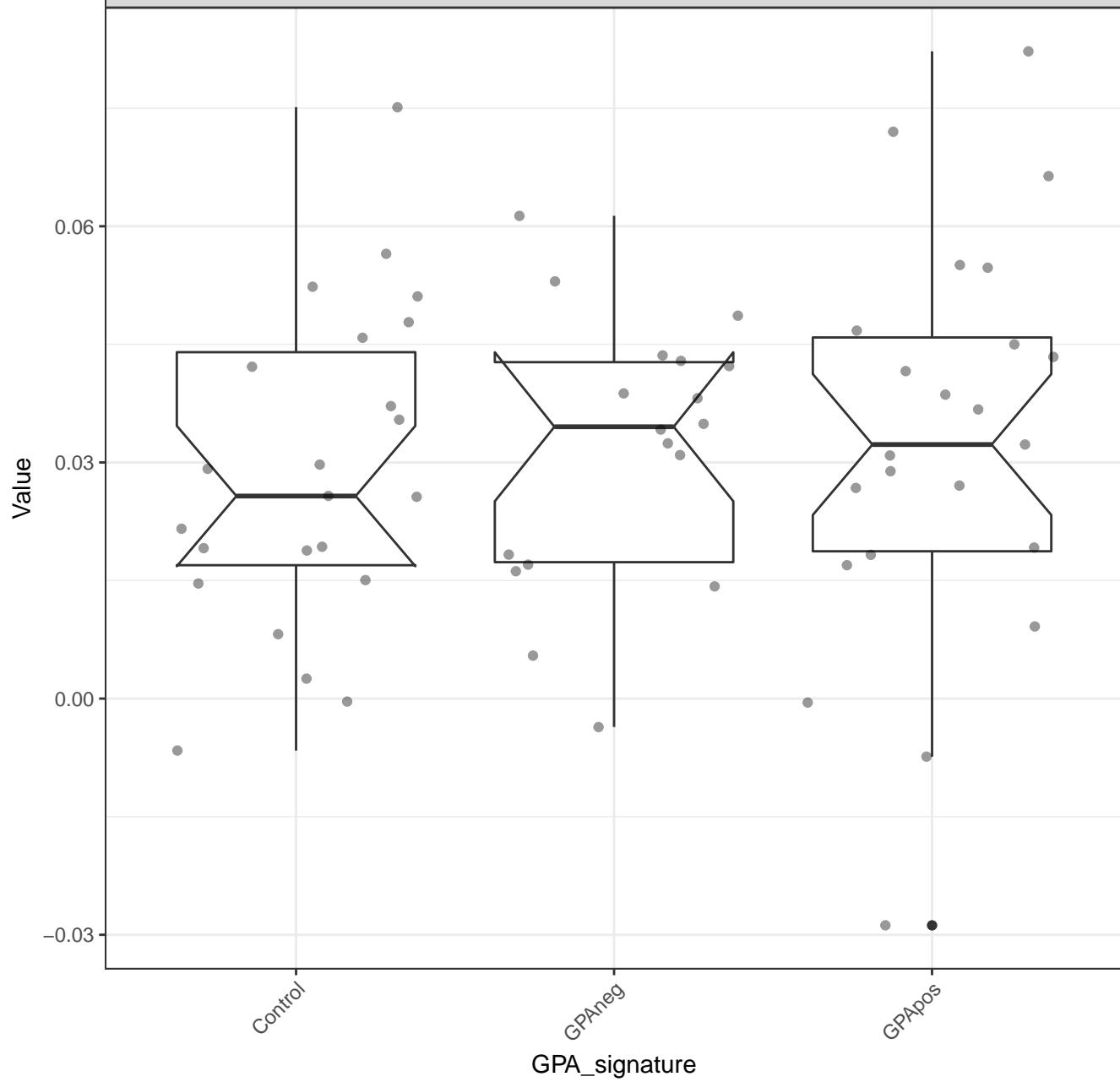


LV 527



LV 528





LV 530

Value

0.06

0.03

0.00

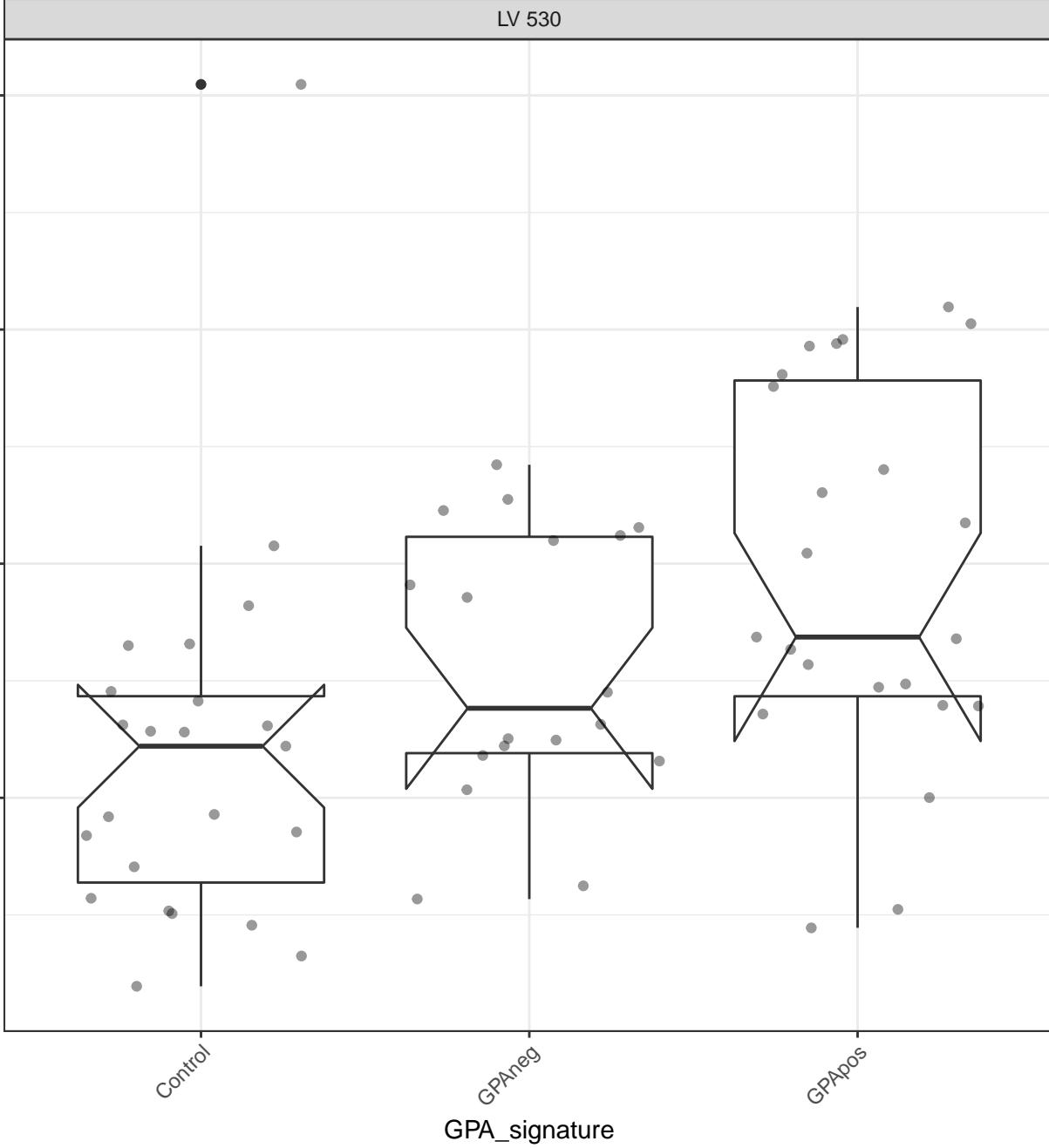
-0.03

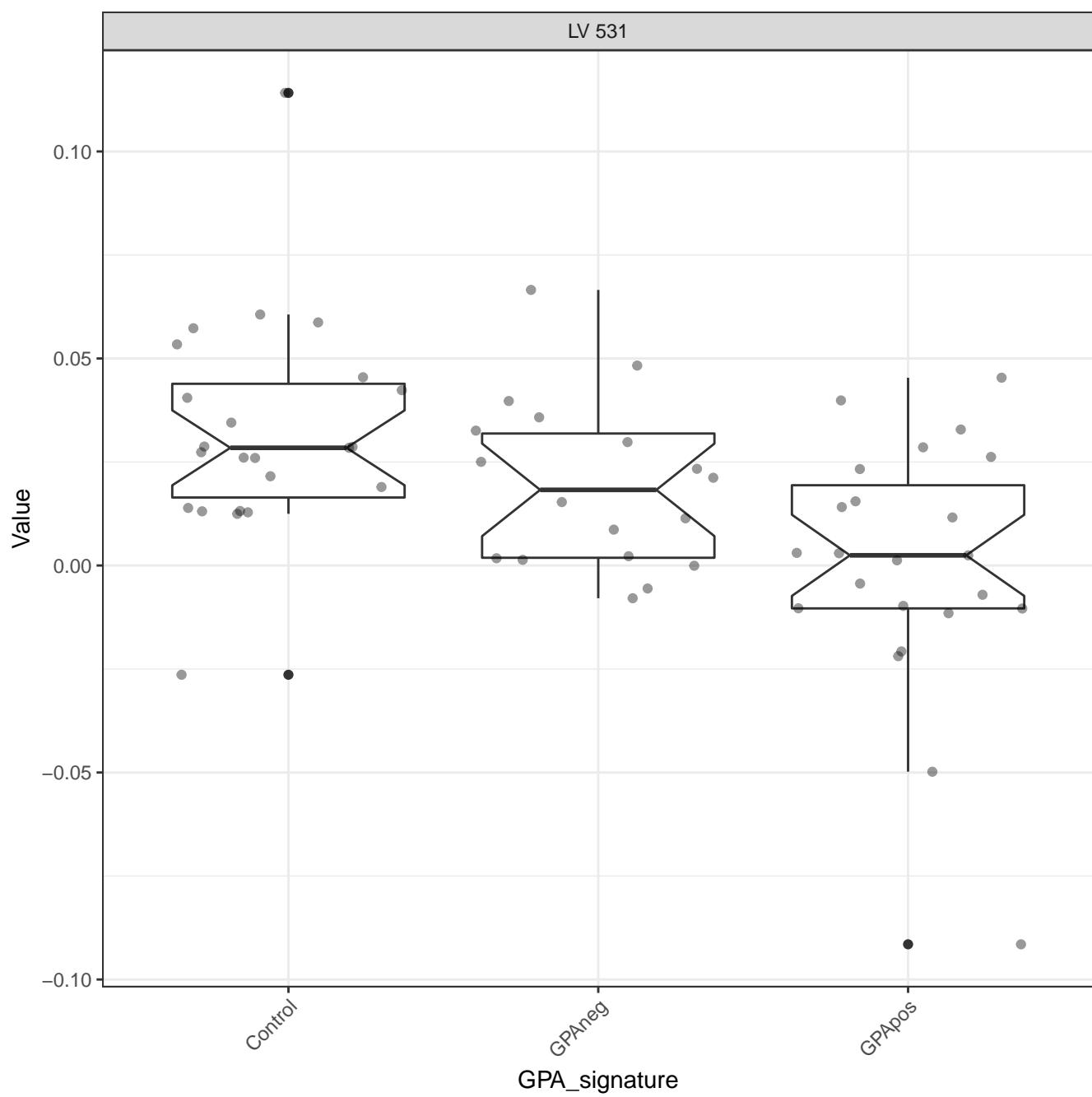
Control

GPAneg

GPApos

GPA_signature





LV 532

Value

0.02

0.00

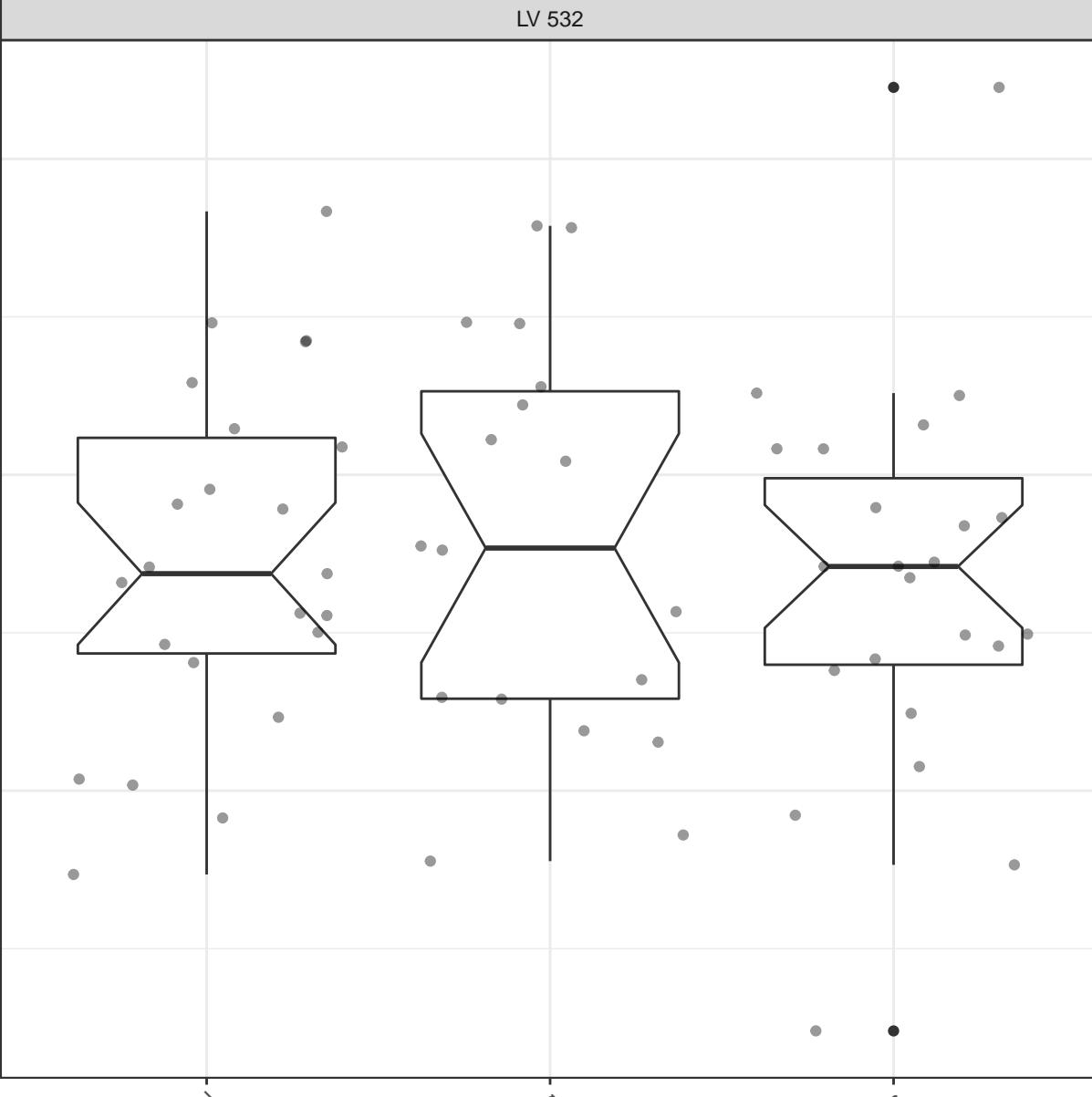
-0.02

Control

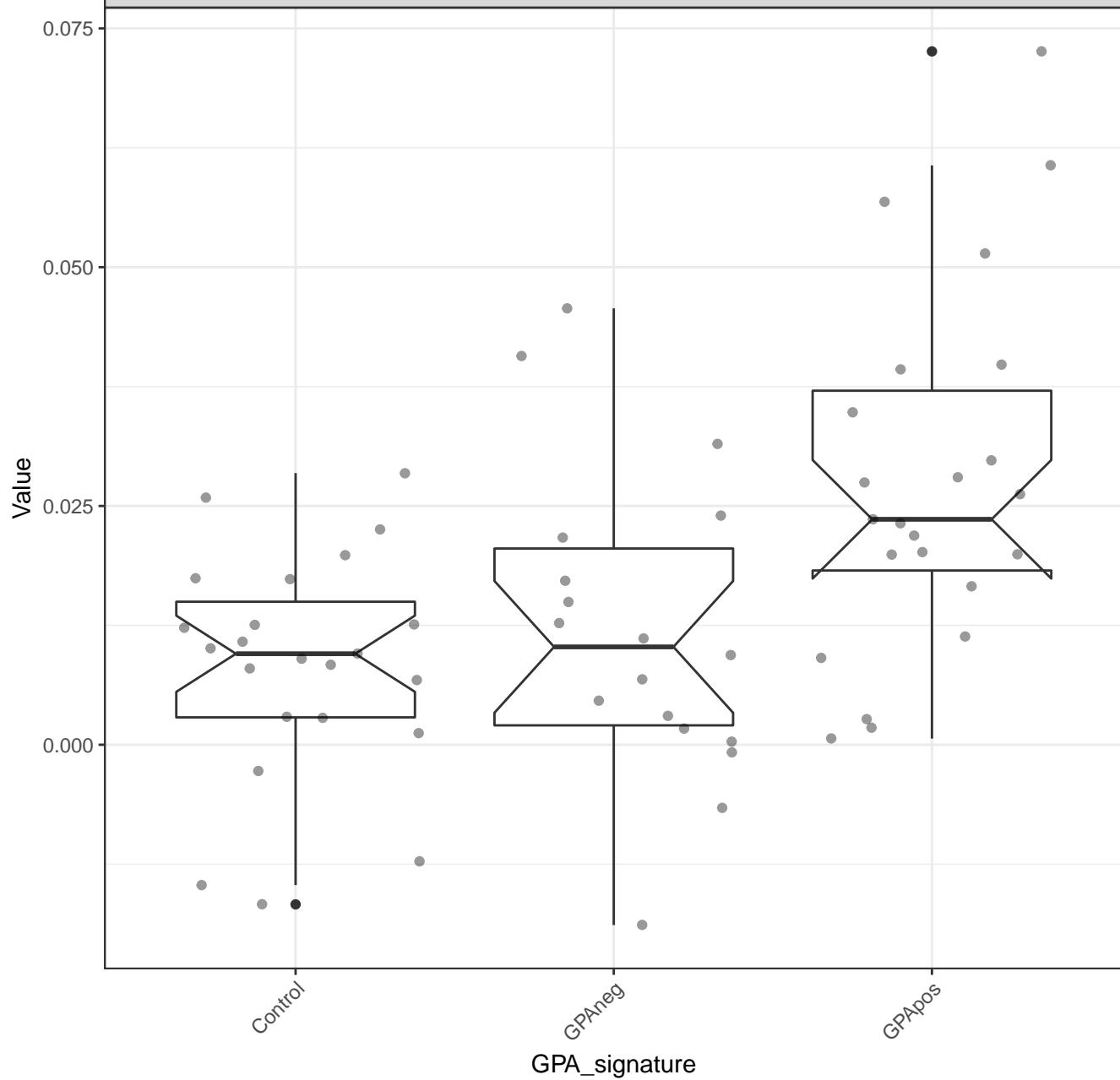
GPA_signature

GPAneg

GPApos



LV 533



LV 534

Value

0.025

0.000

-0.025

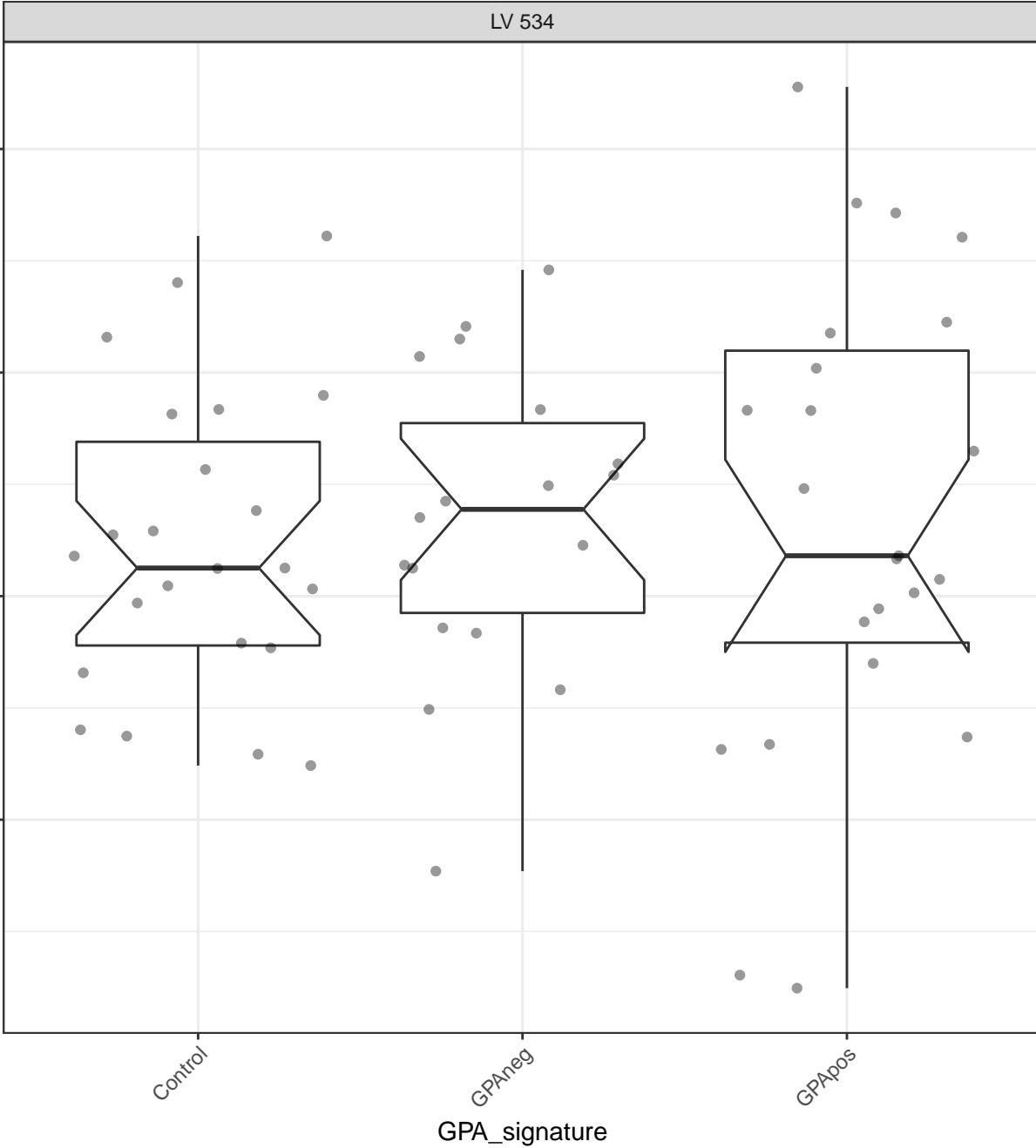
-0.050

Control

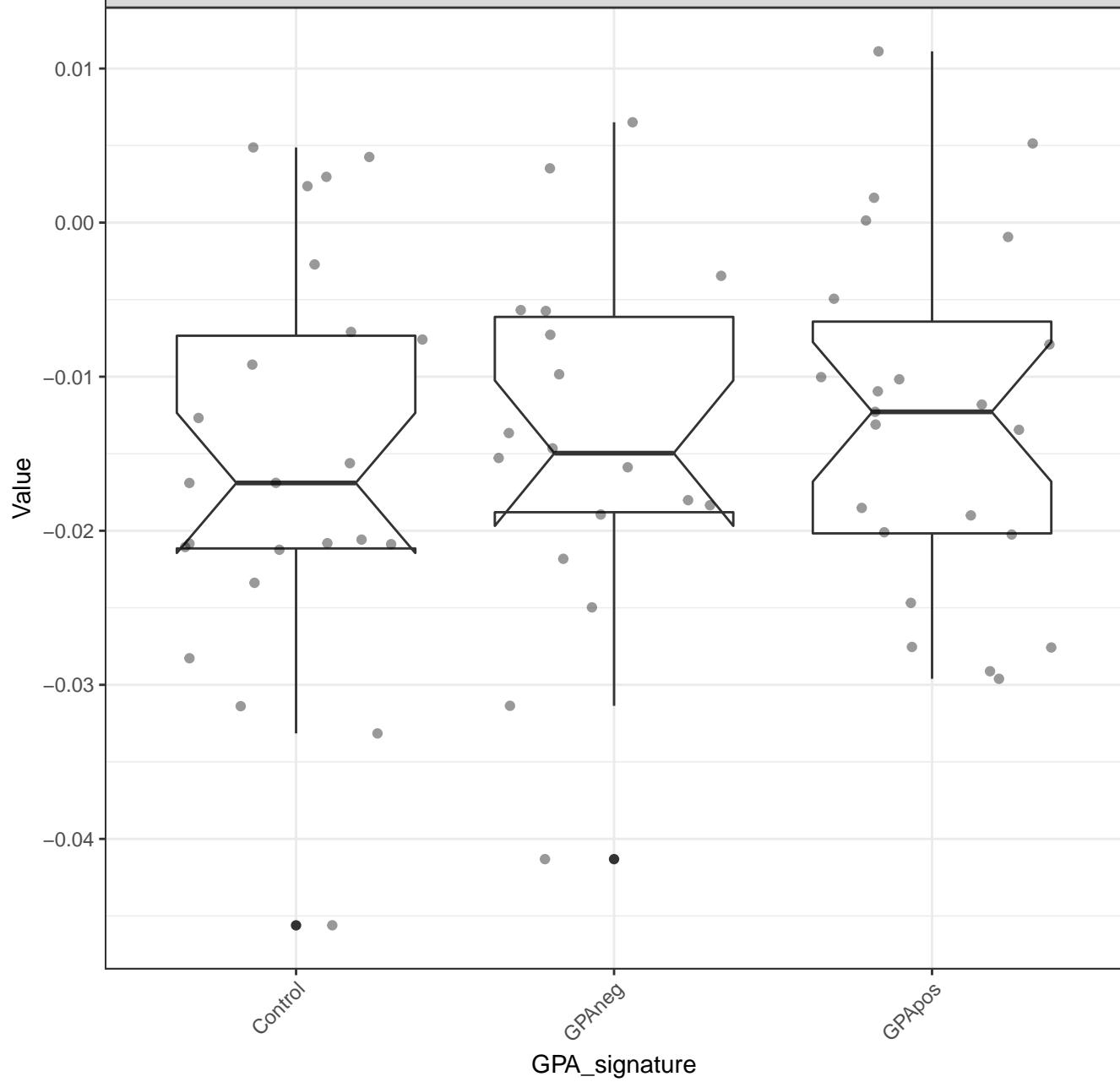
GPAneg

GPAPos

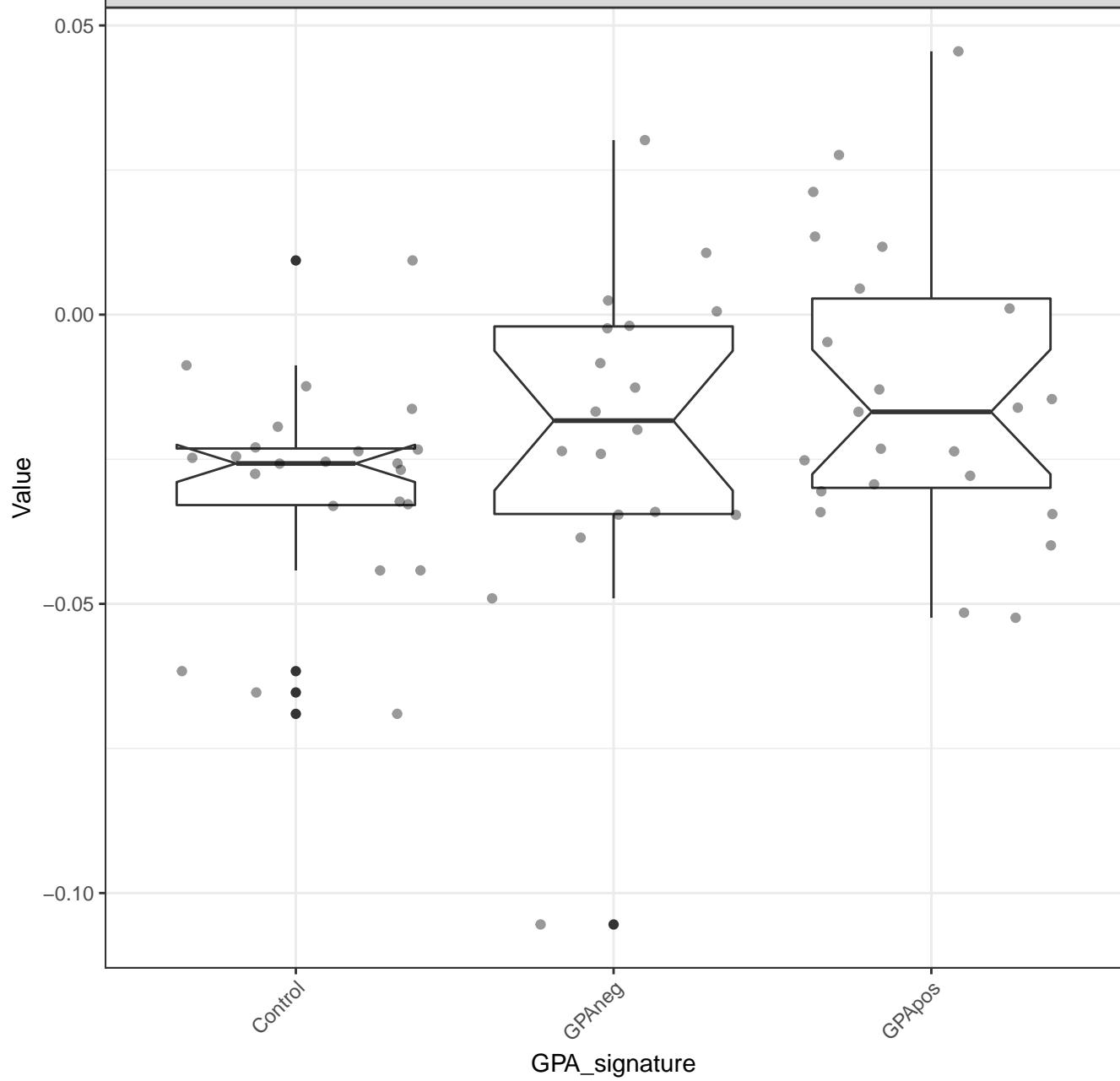
GPA_signature



LV 535



LV 536



LV 537

Value

0.04

0.02

0.00

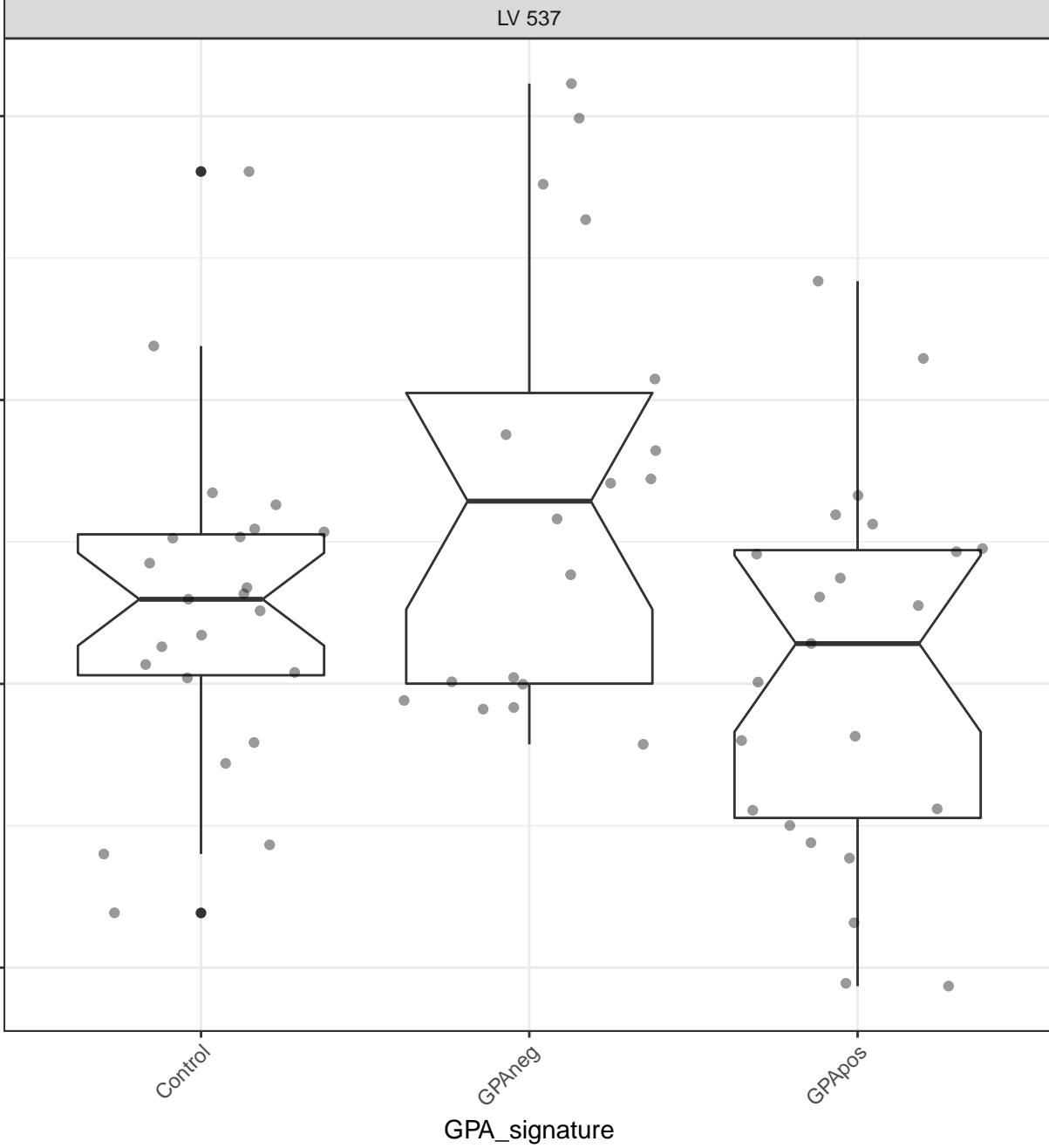
-0.02

Control

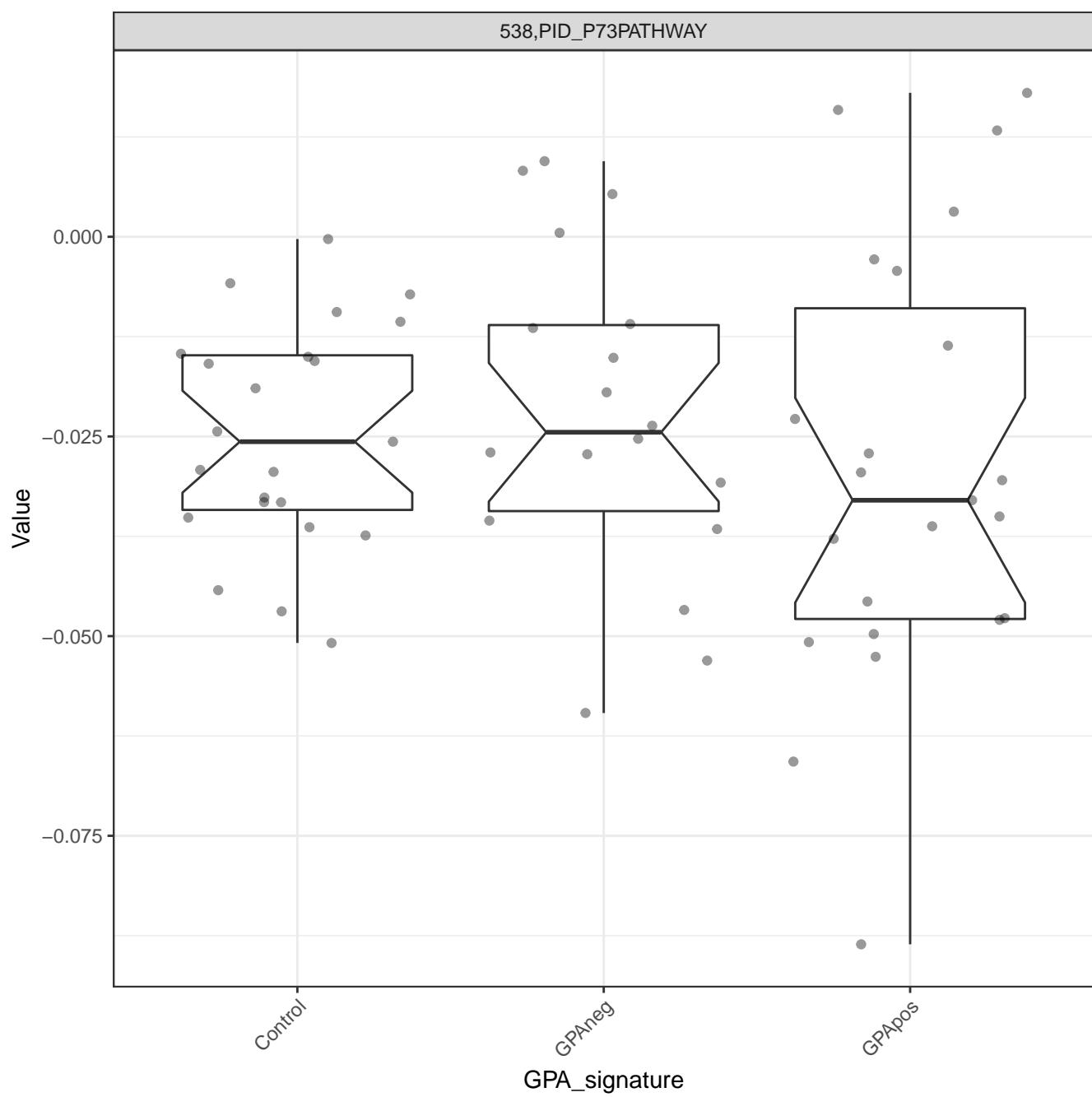
GPAneg

GPAPos

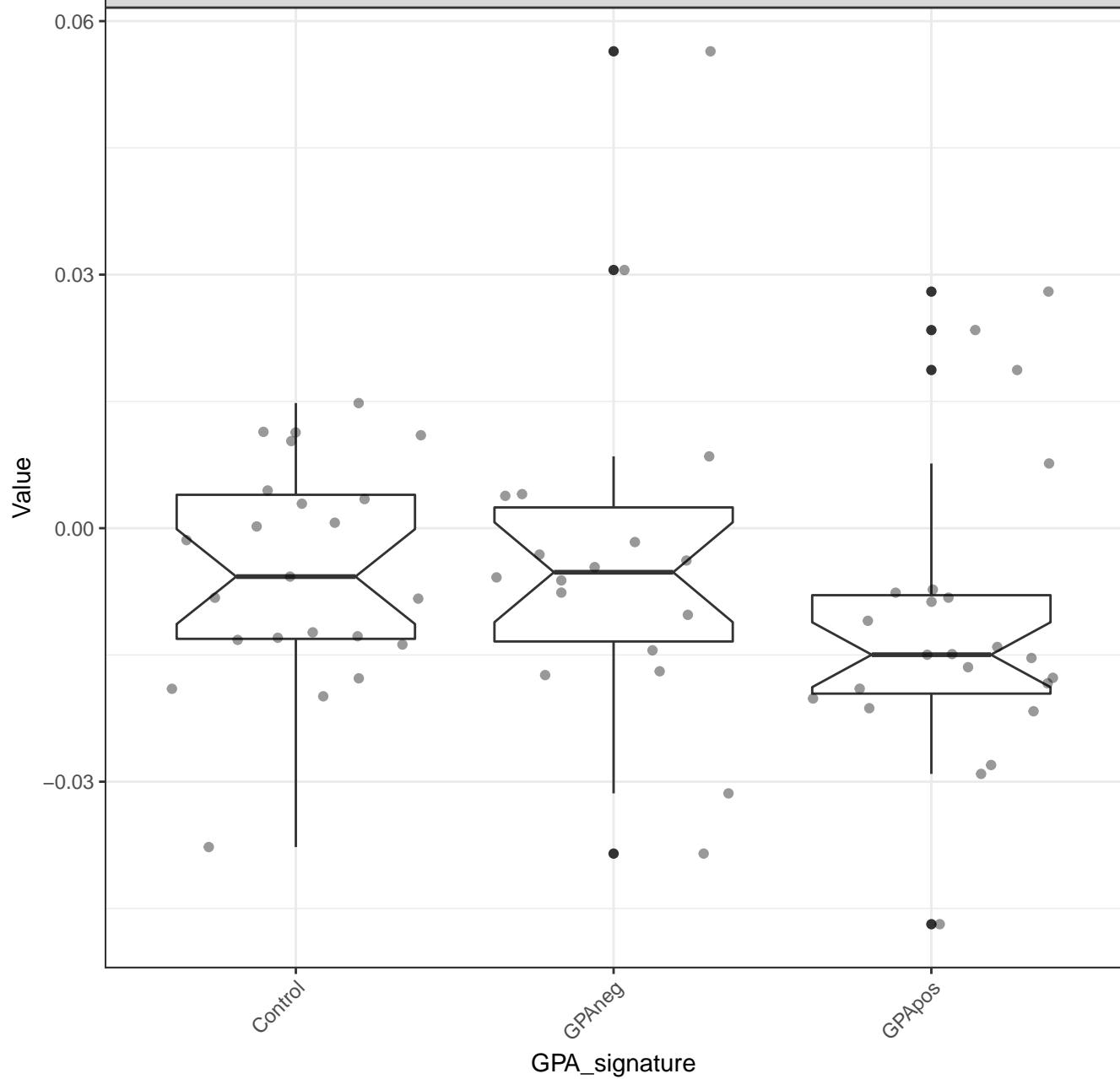
GPA_signature



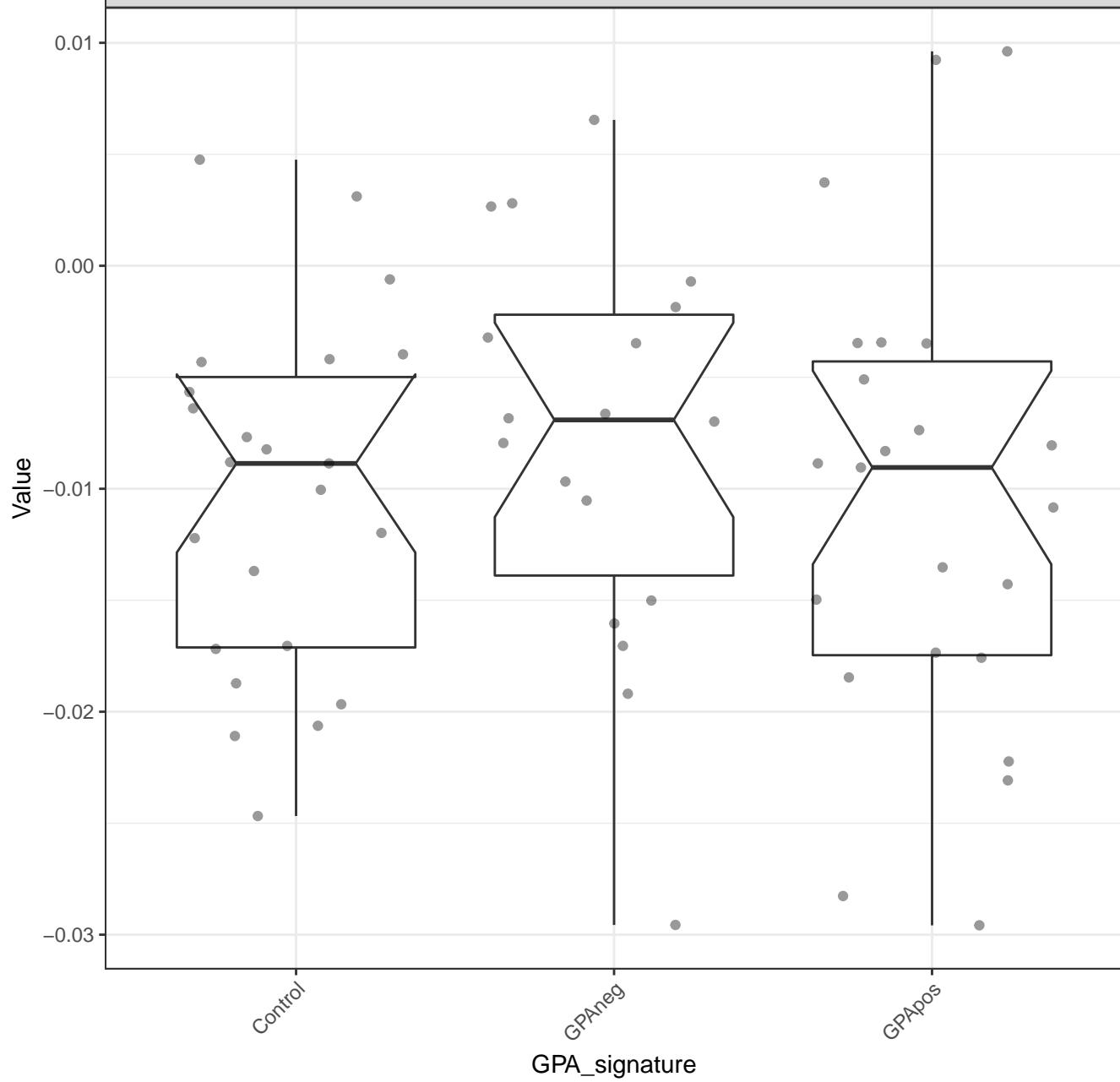
538,PID_P73PATHWAY



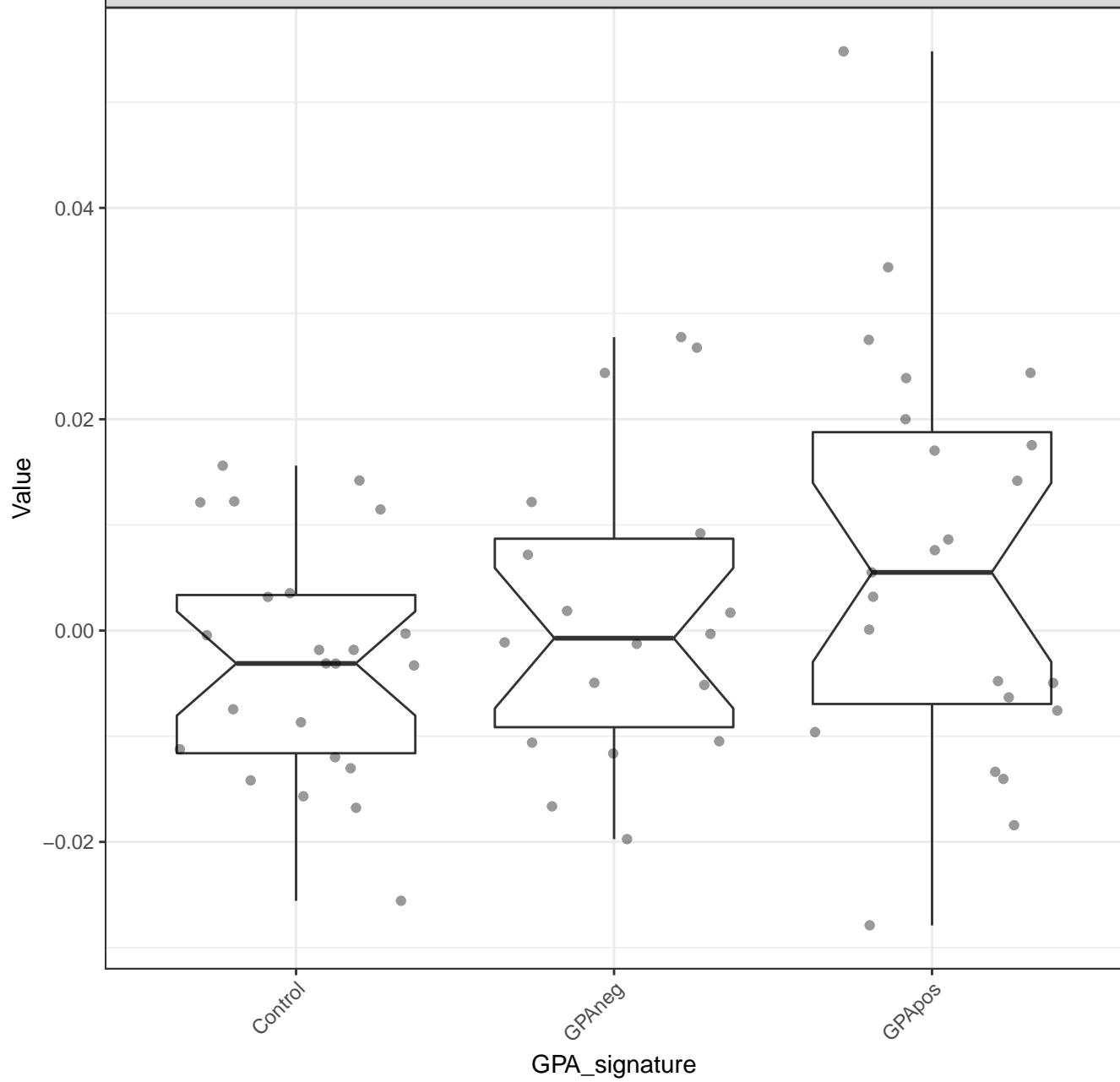
LV 539

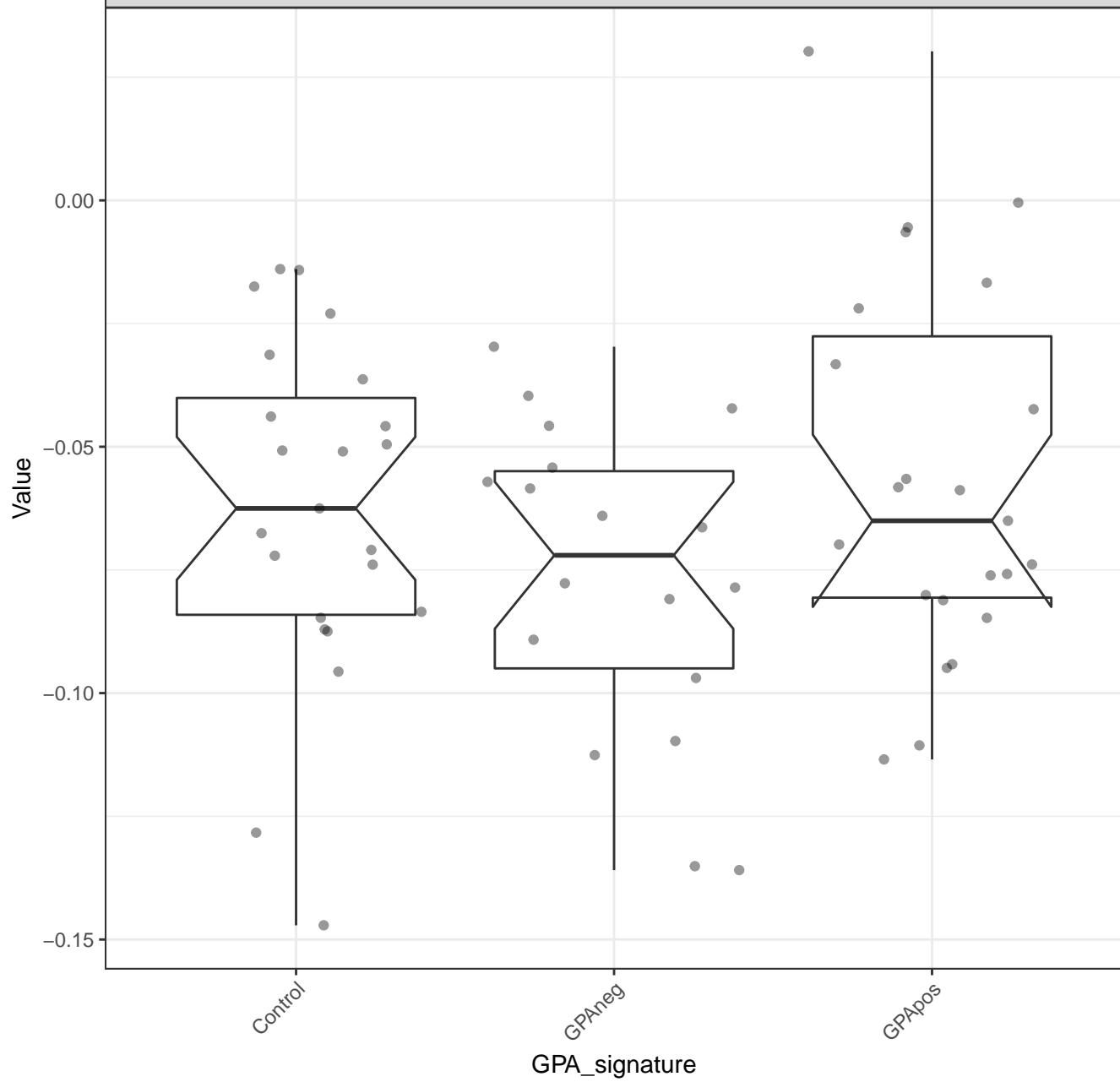


LV 540

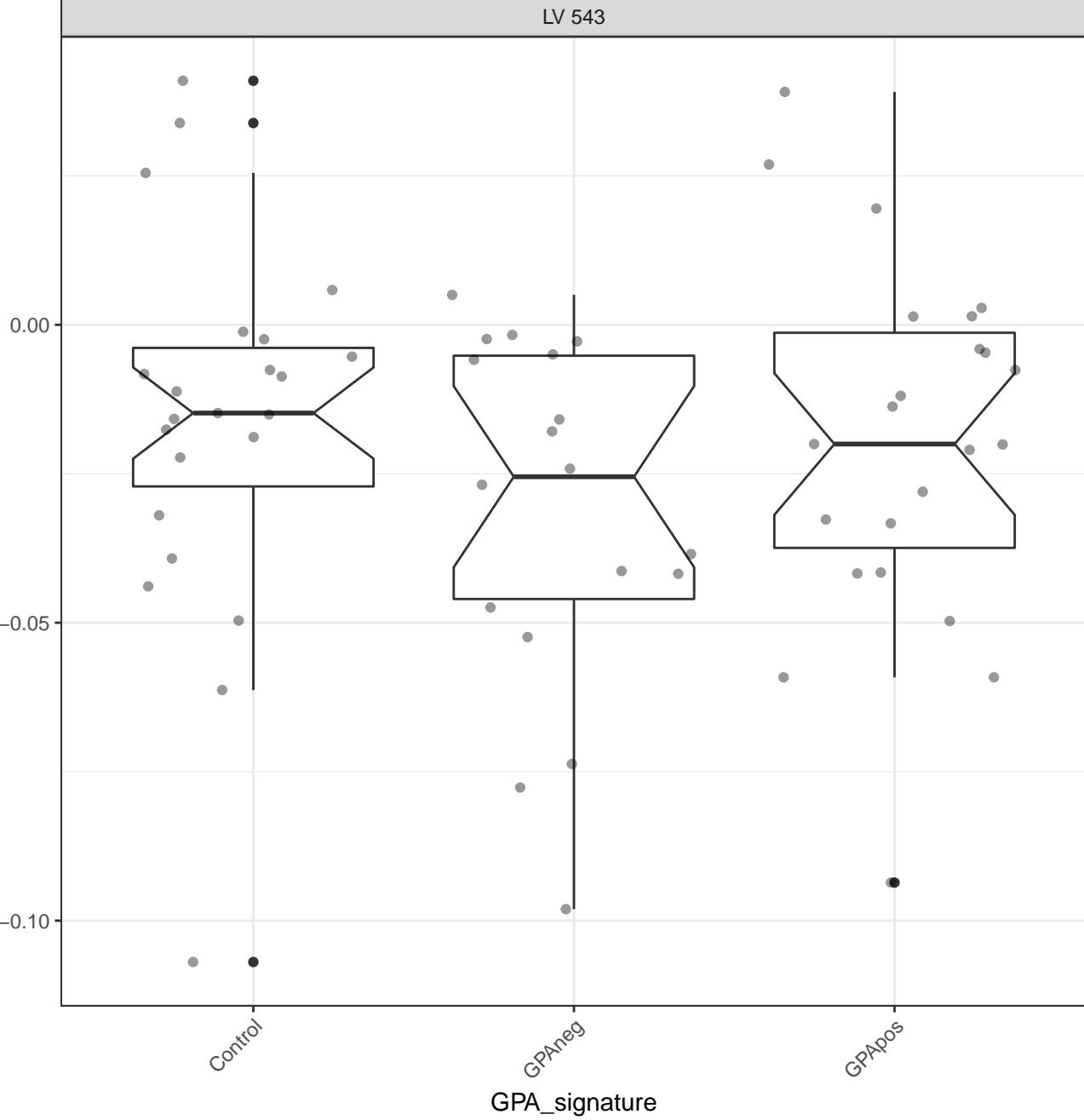


541,REACTOME_G1_PHASE





Value



Value

0.05

0.00

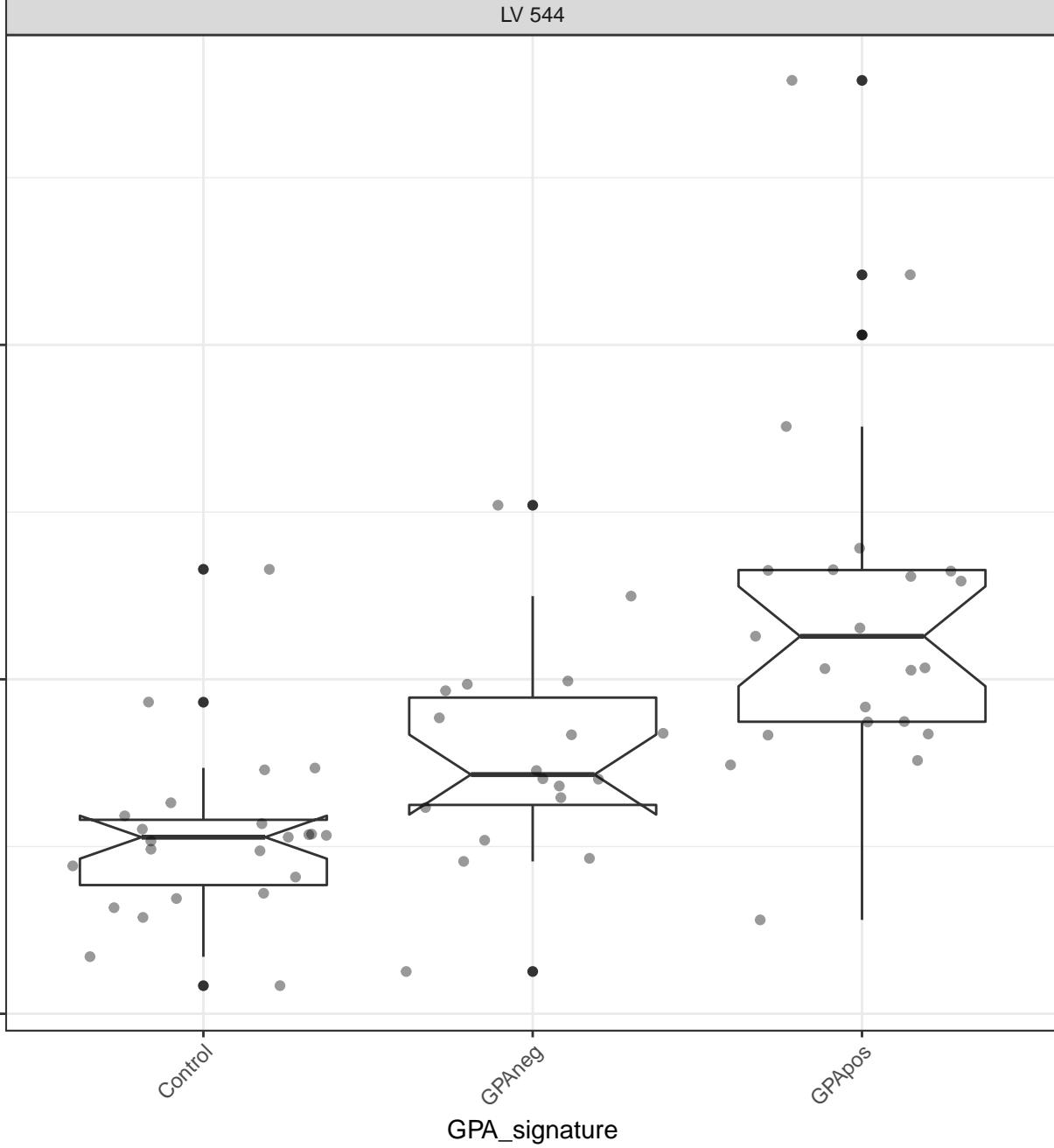
-0.05

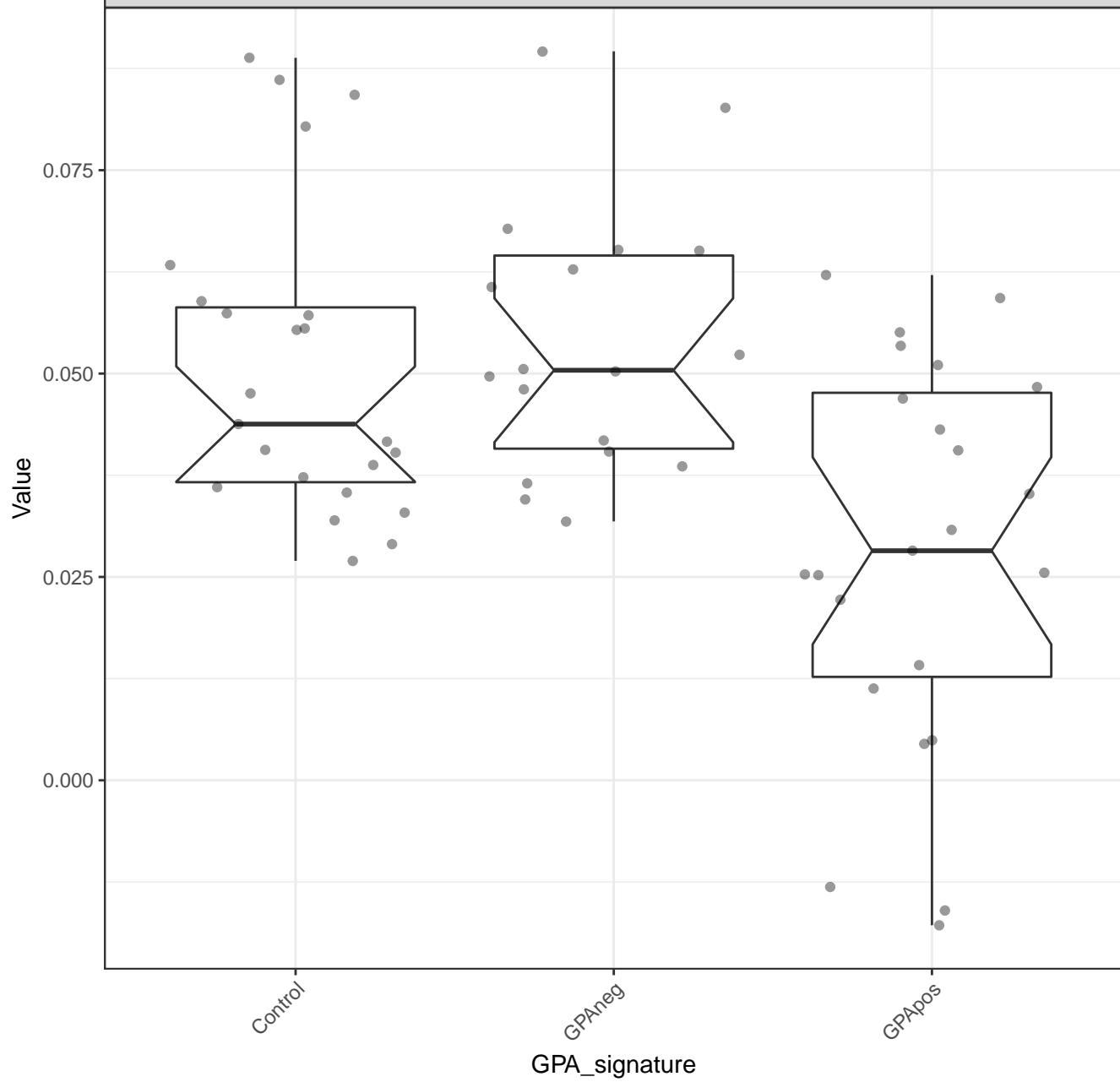
Control

GPA_signature

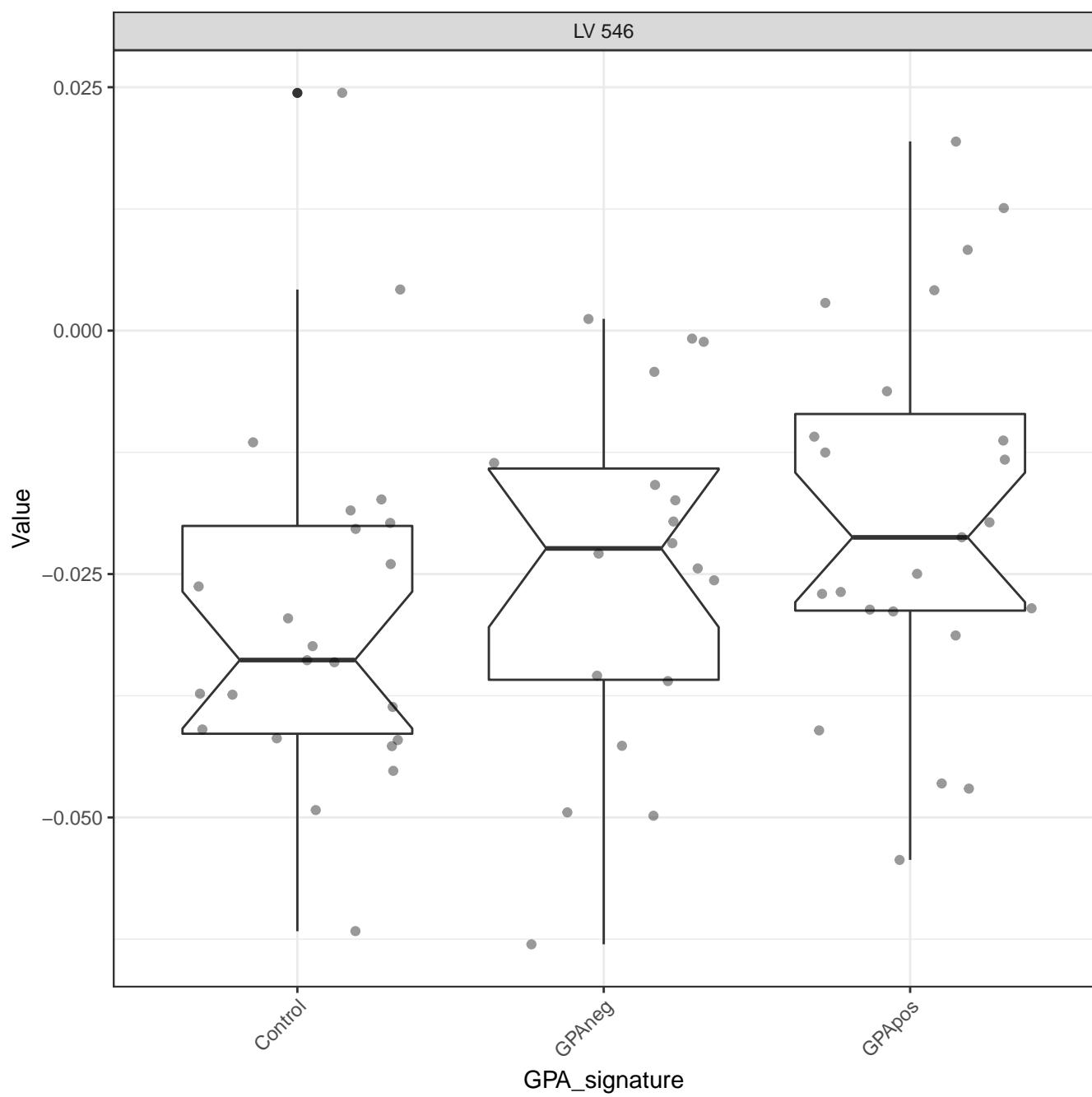
GPAneg

GPApos

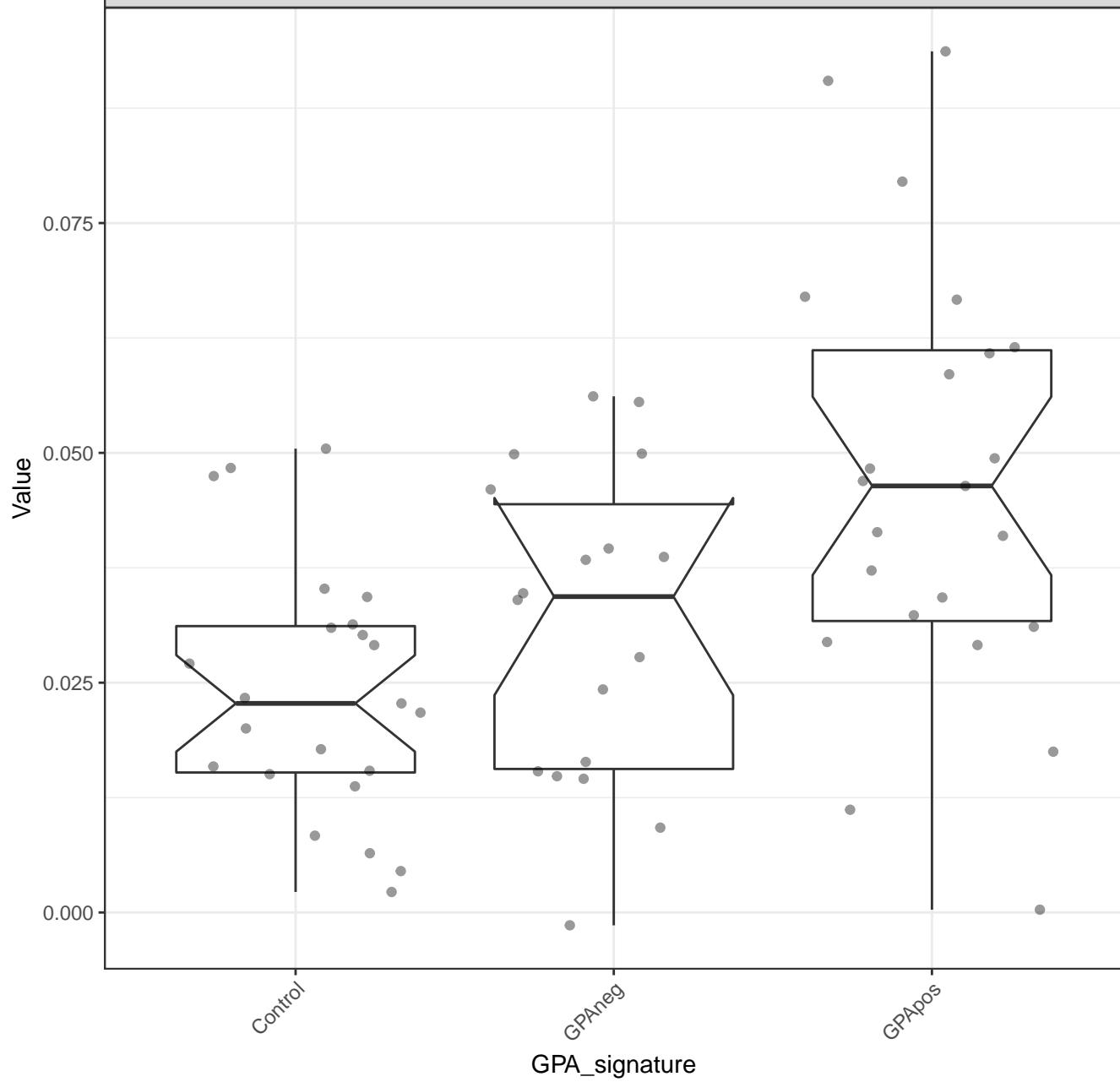




LV 546



LV 547



LV 548

Value

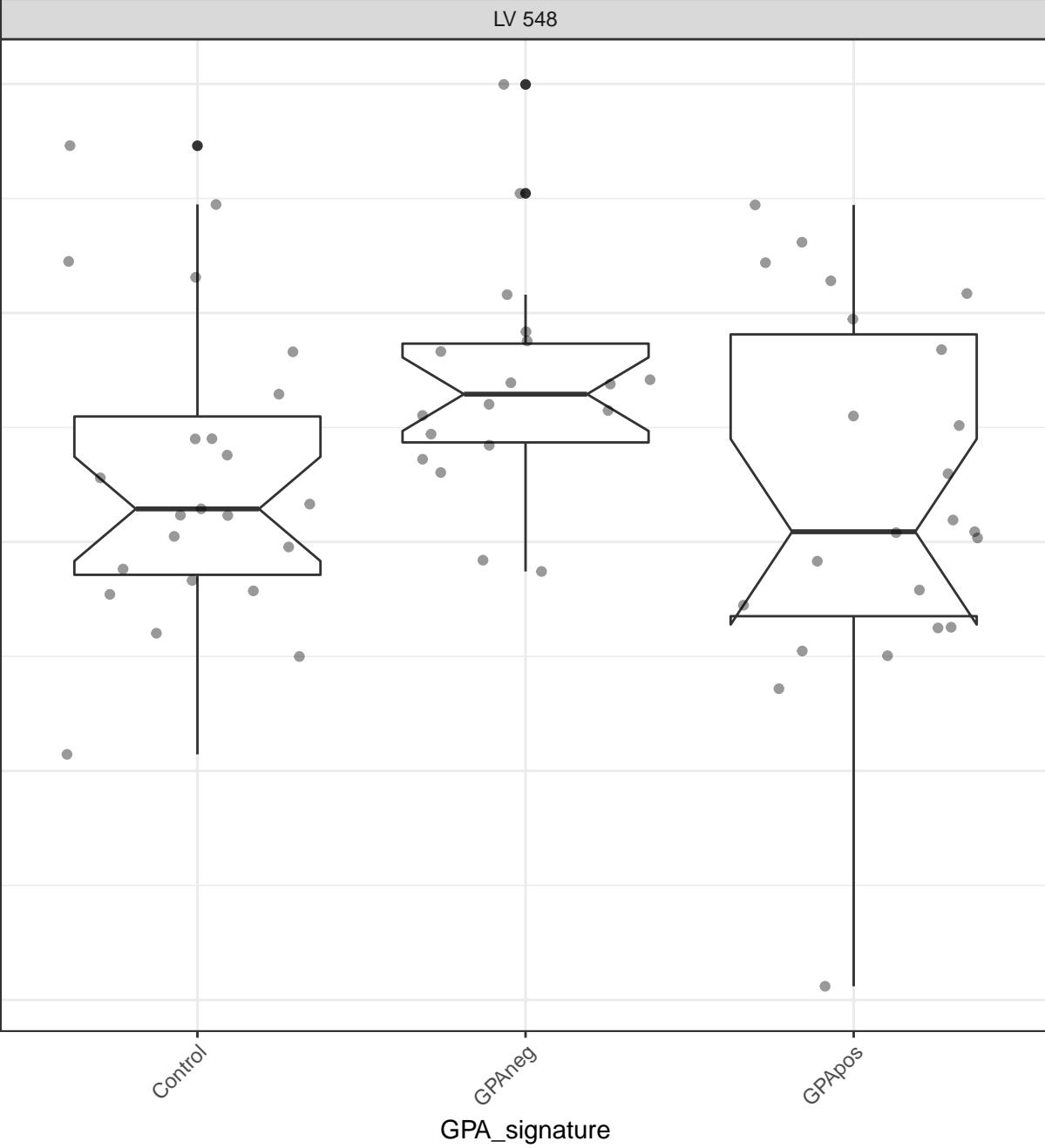
0.06
0.03
0.00
-0.03
-0.06

Control

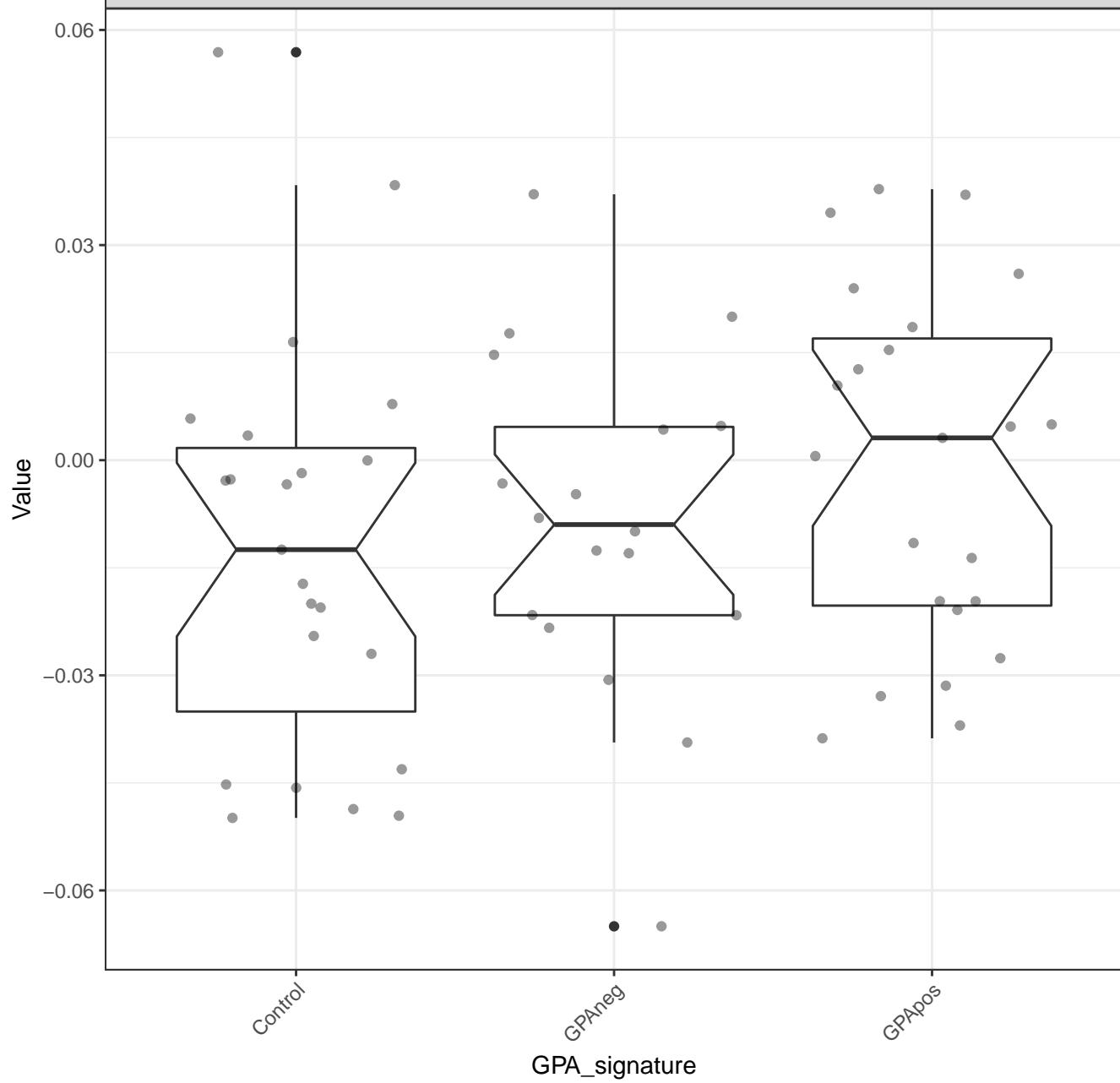
GPAneg

GPApos

GPA_signature



LV 549



LV 550

Value

0.05

0.00

-0.05

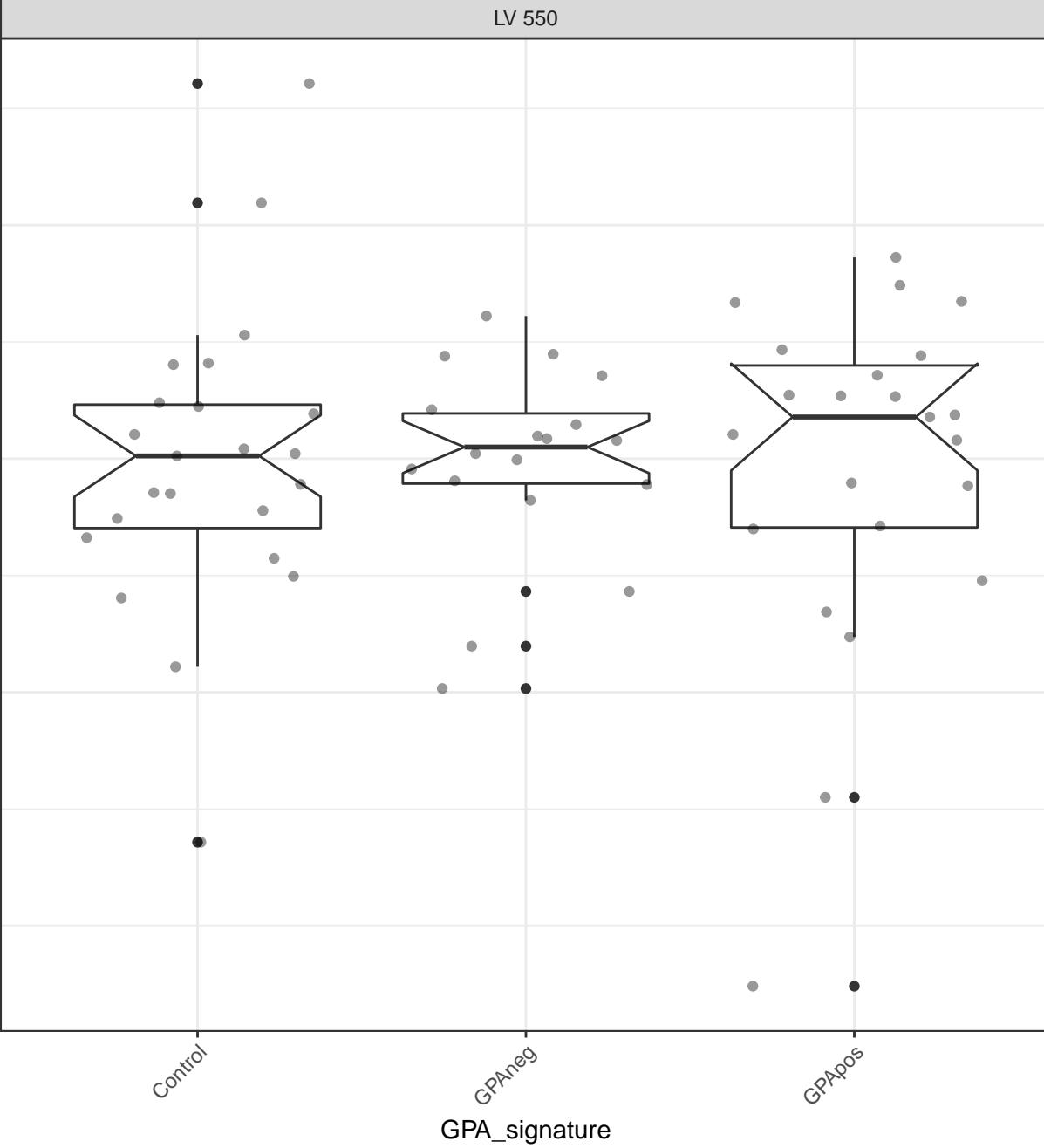
-0.10

Control

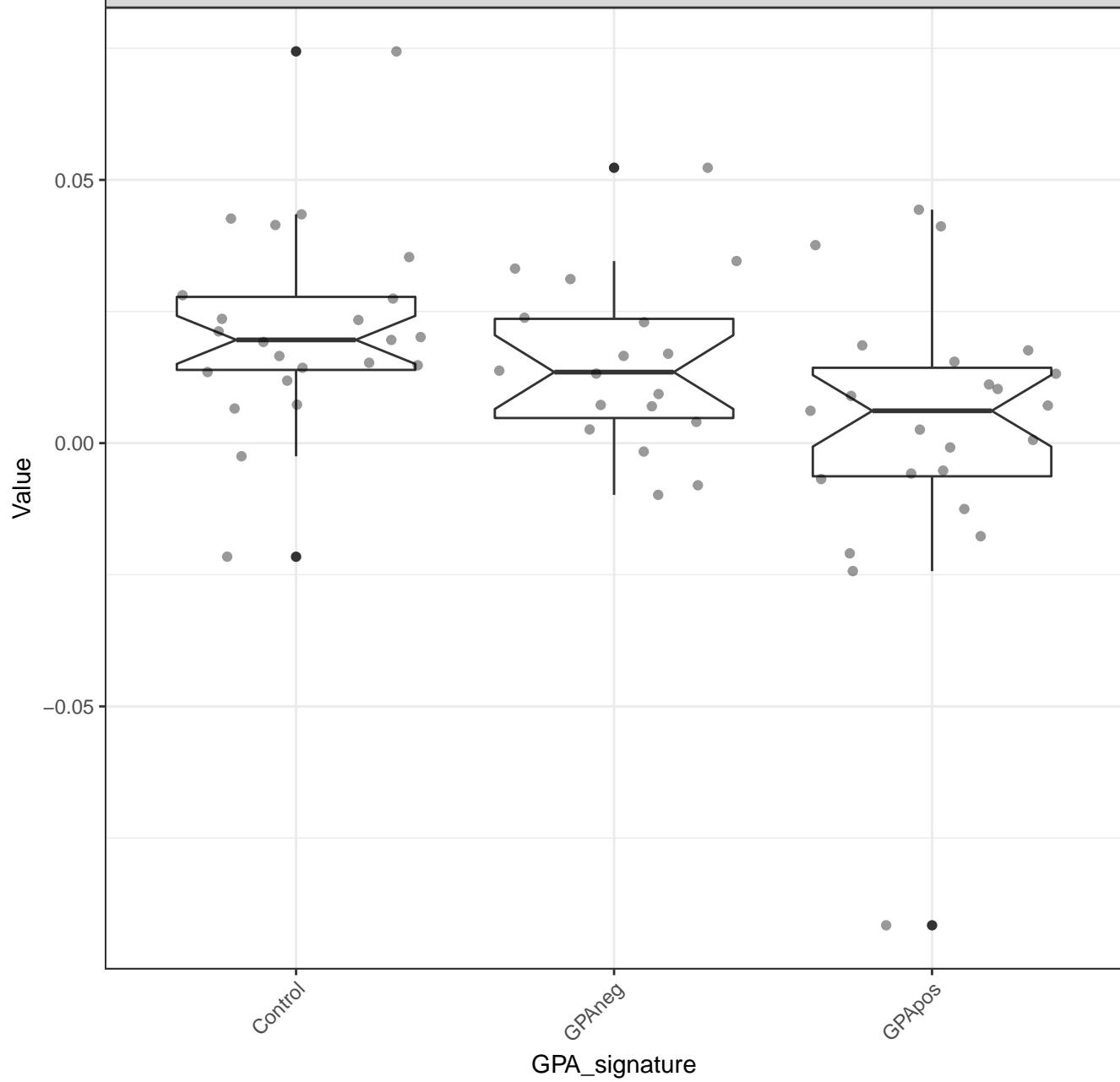
GPAneg

GPAPos

GPA_signature



LV 551



LV 552

Value

0.05

0.00

-0.05

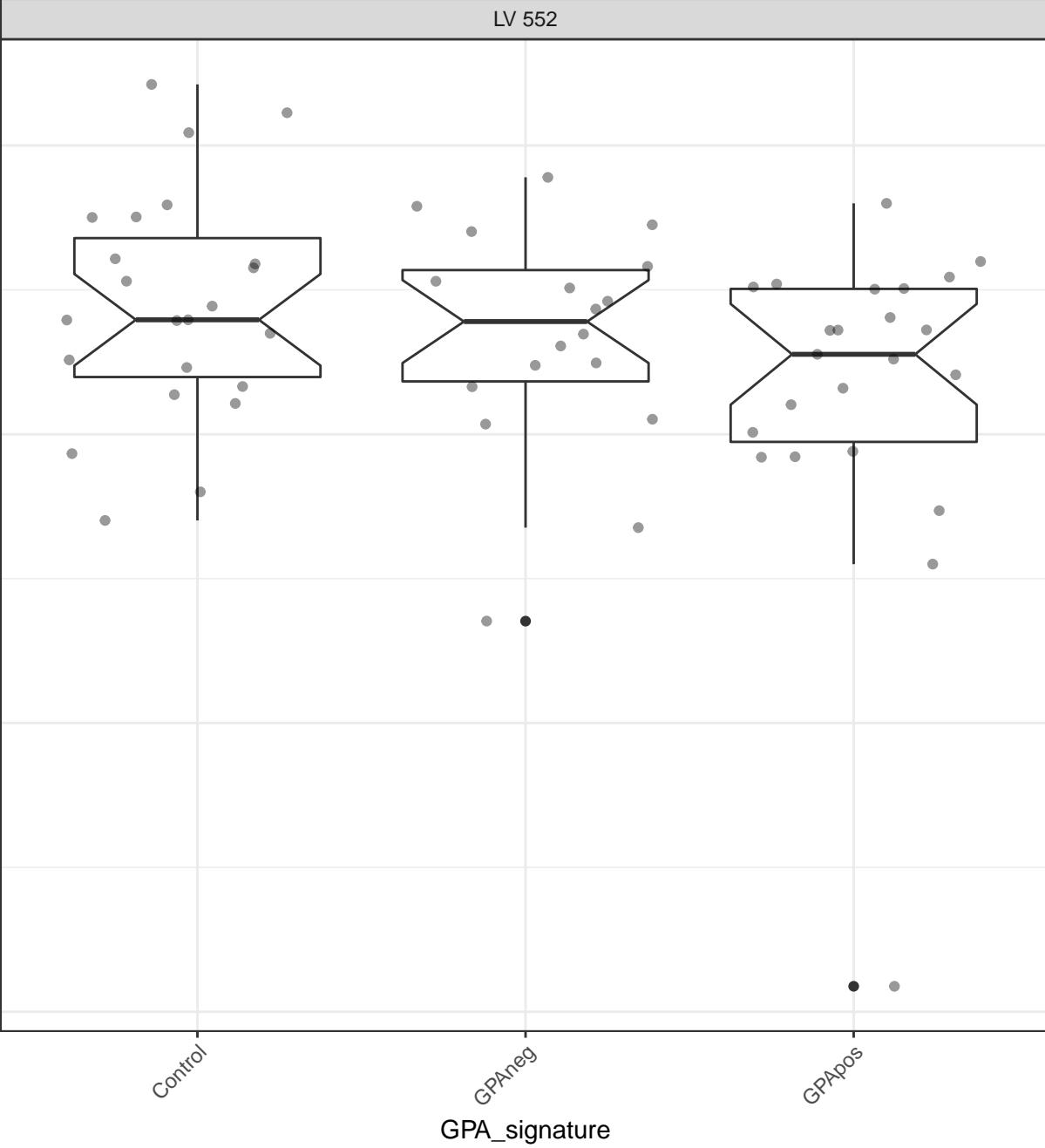
-0.10

Control

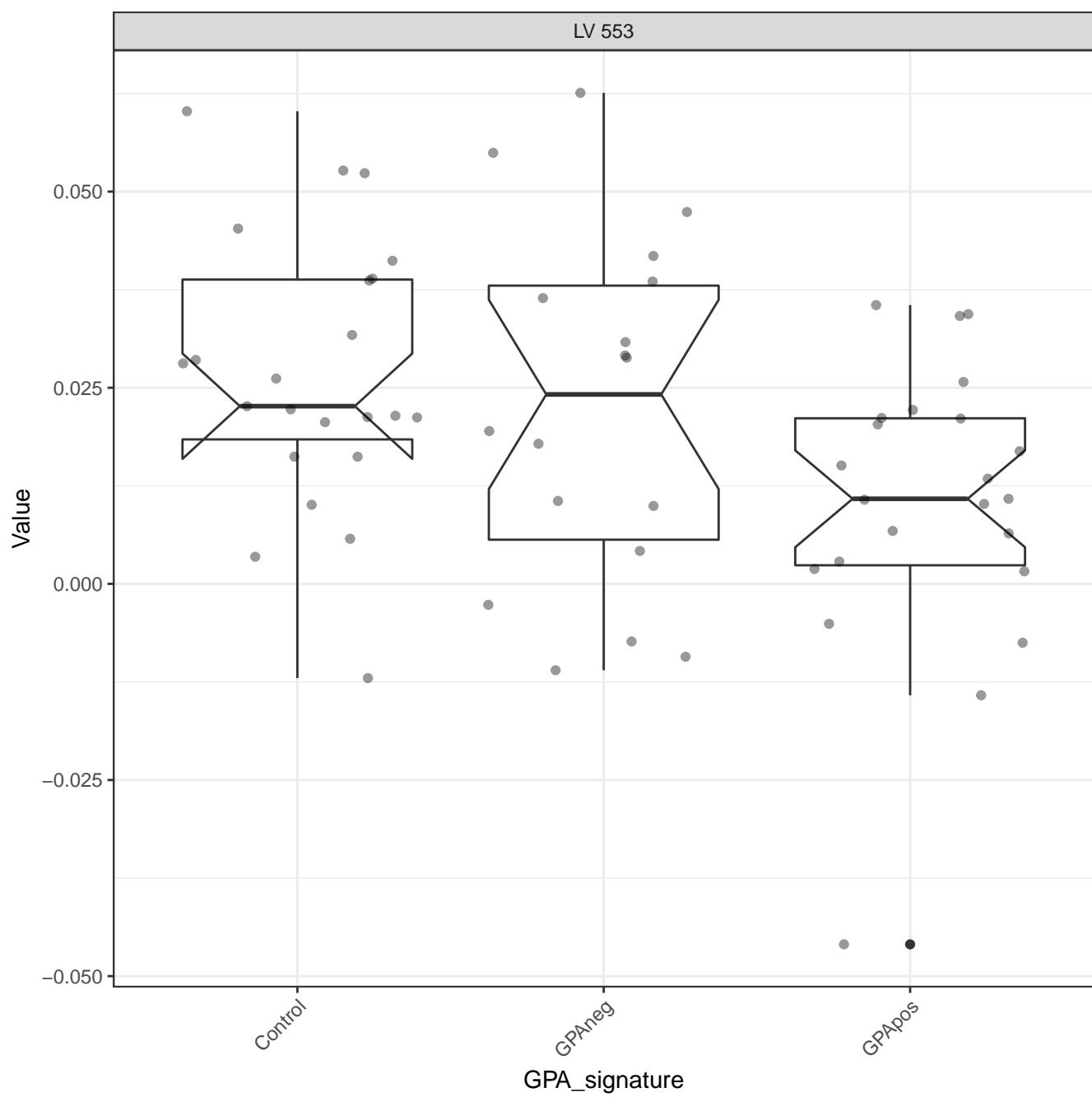
GPAneg

GPApos

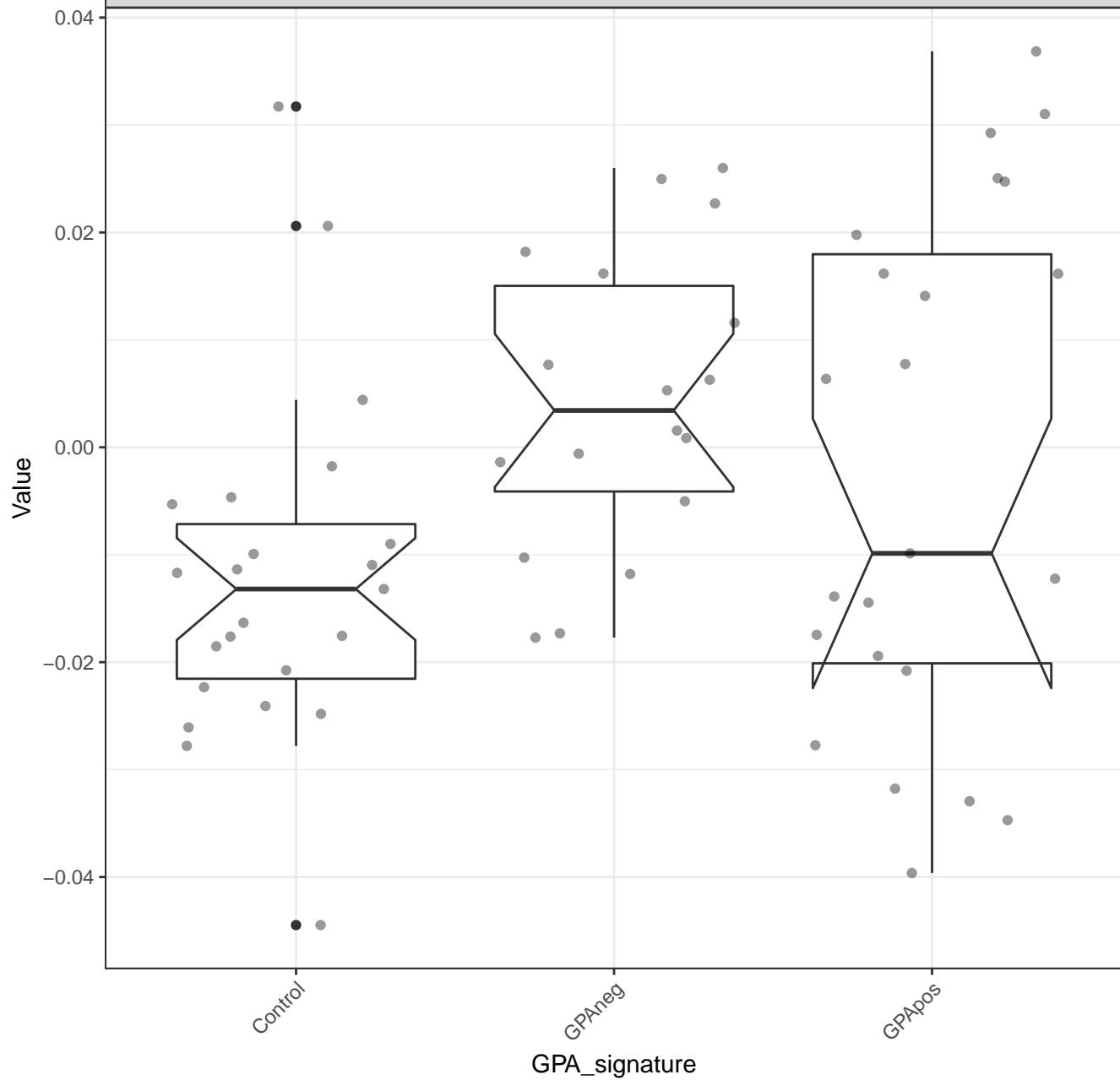
GPA_signature



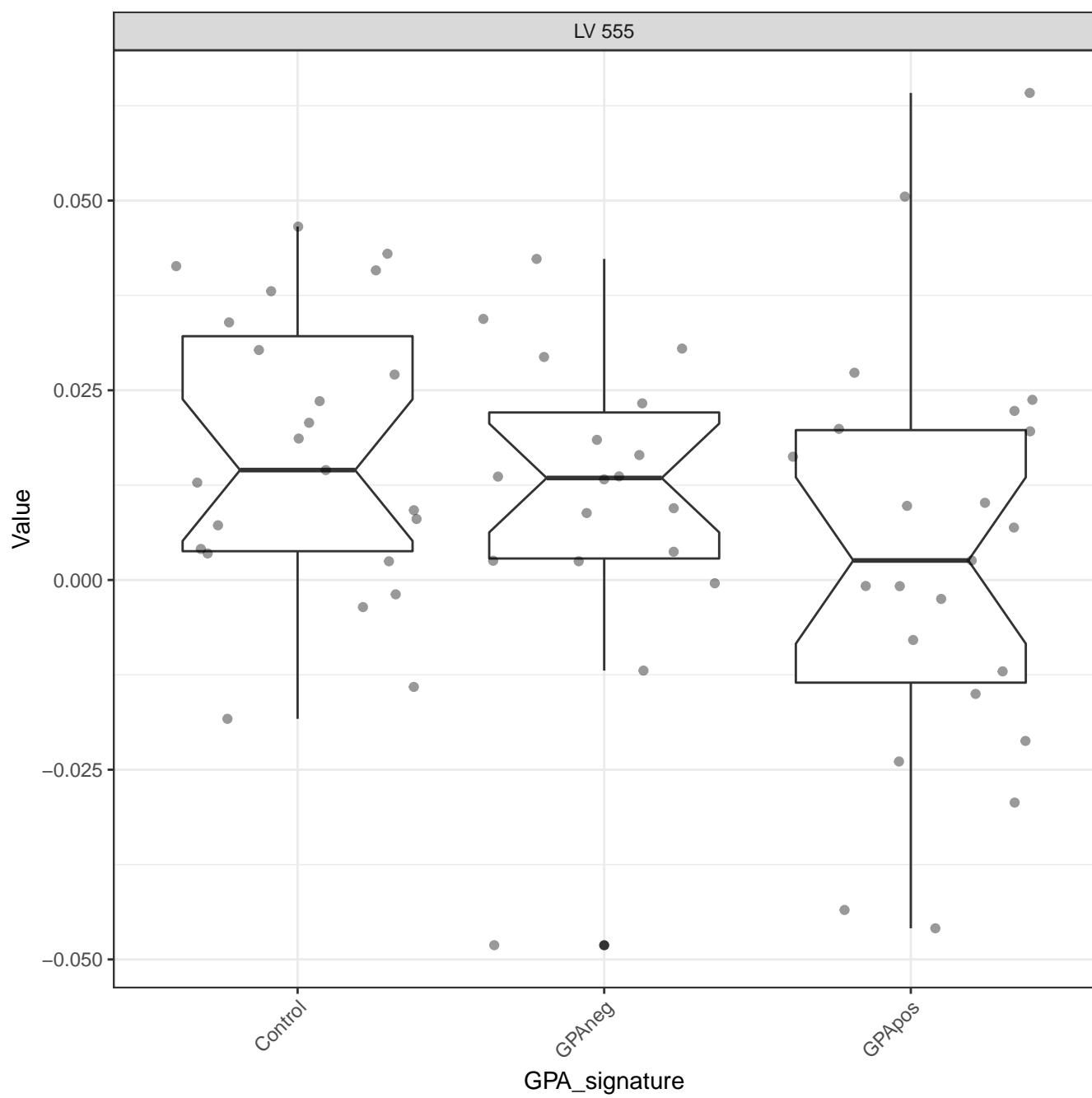
LV 553



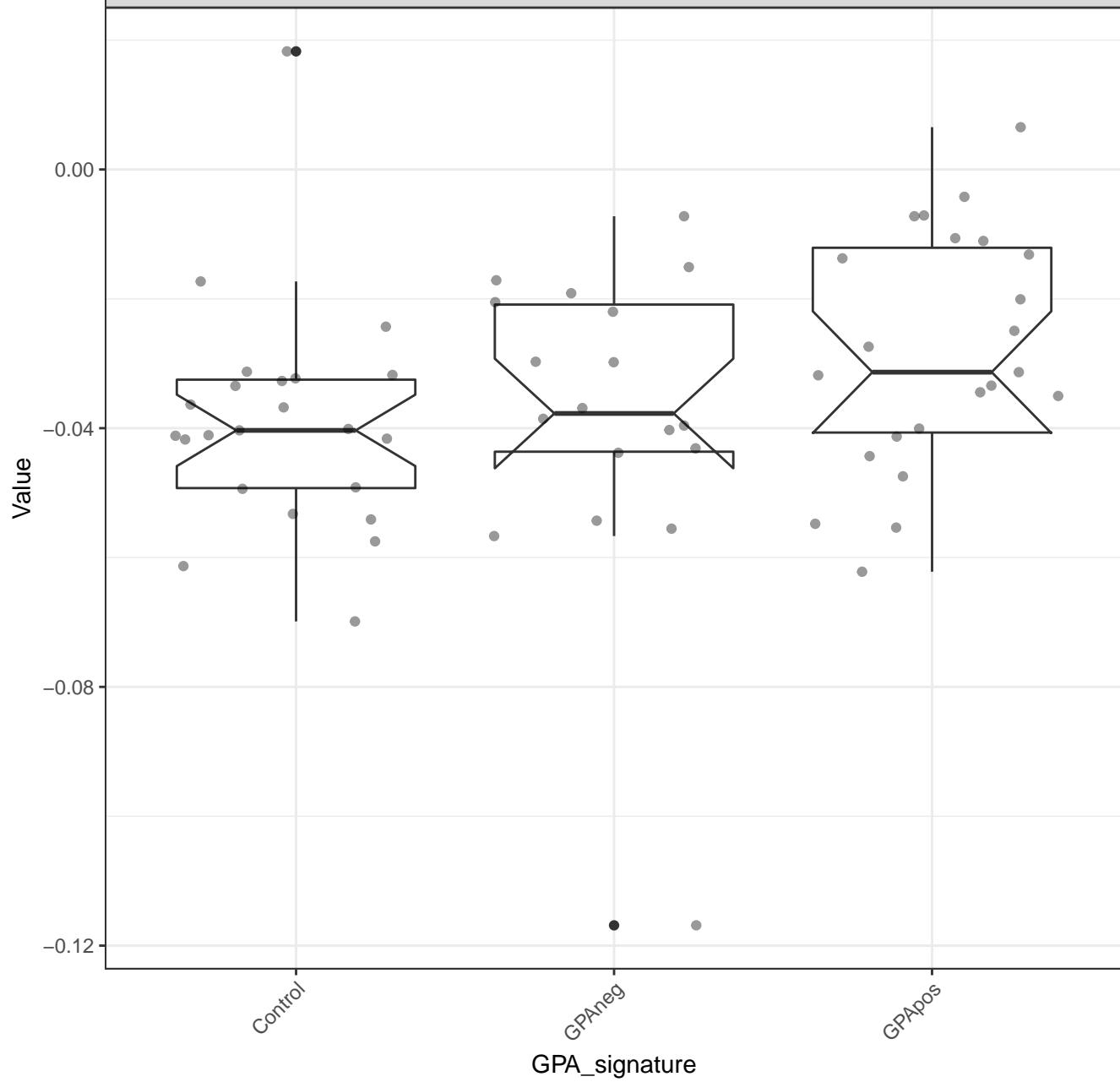
LV 554



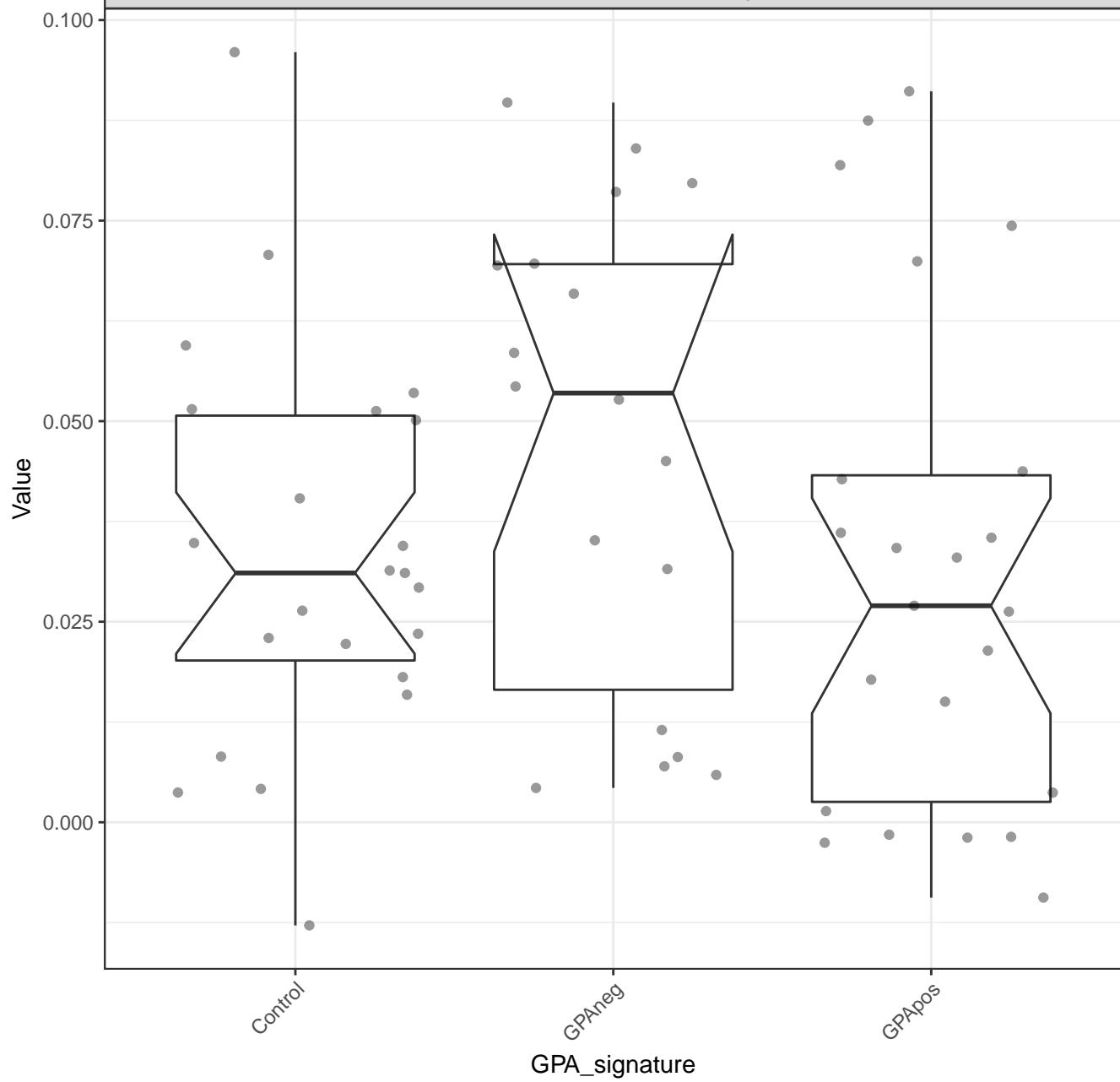
LV 555



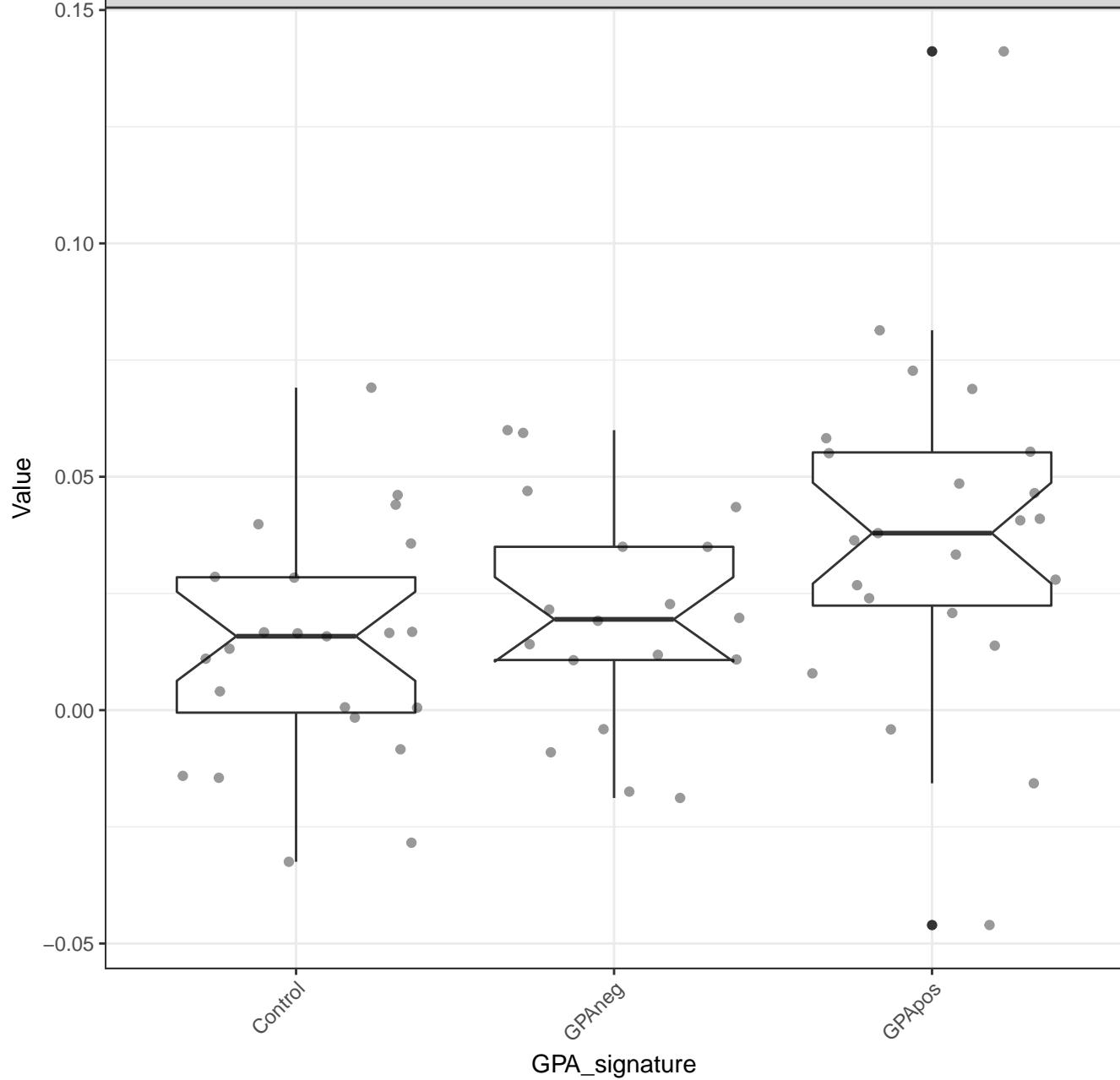
LV 556



557,SVM Dendritic cells resting



LV 558



Value

0.04

0.00

-0.04

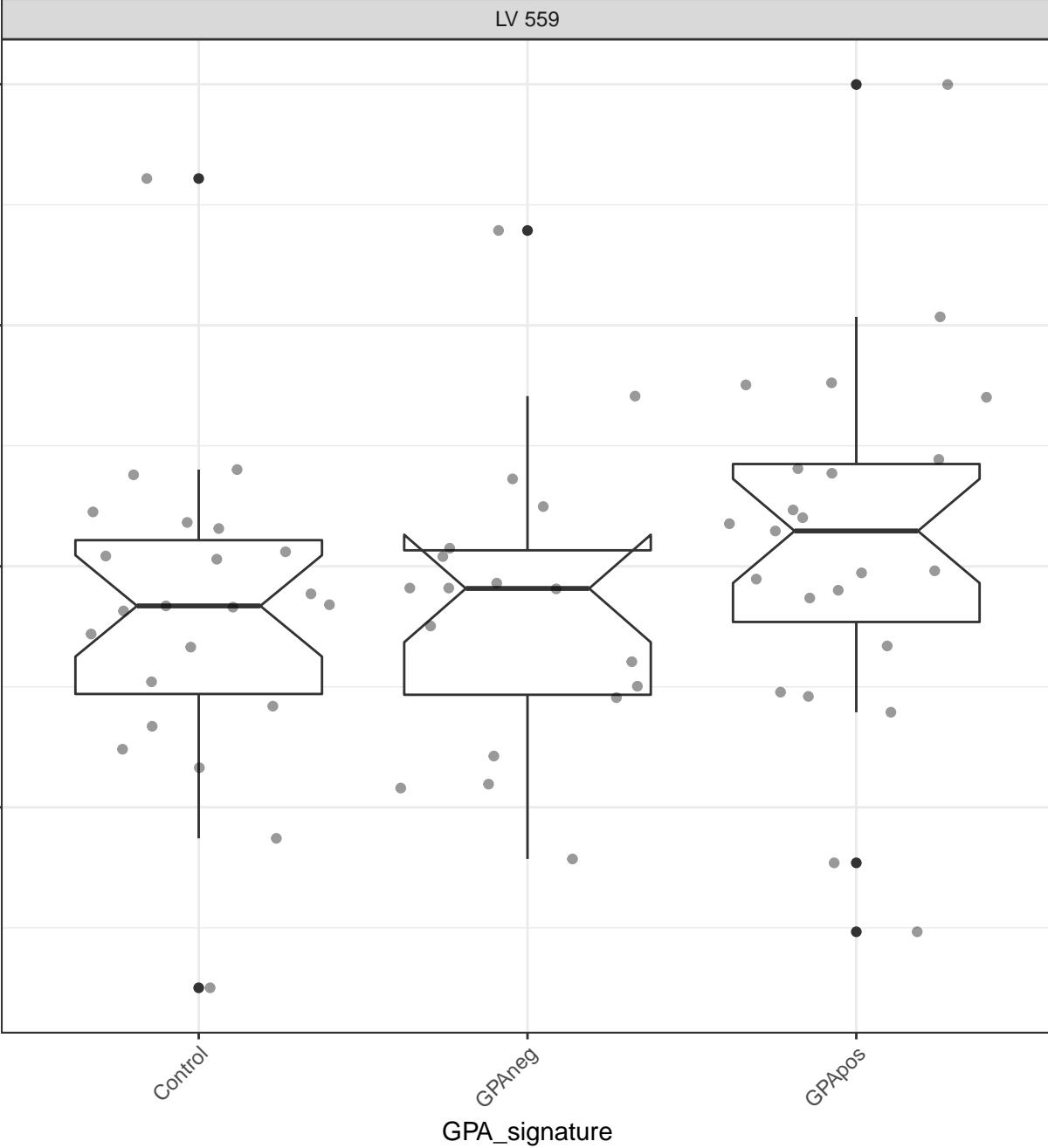
-0.08

Control

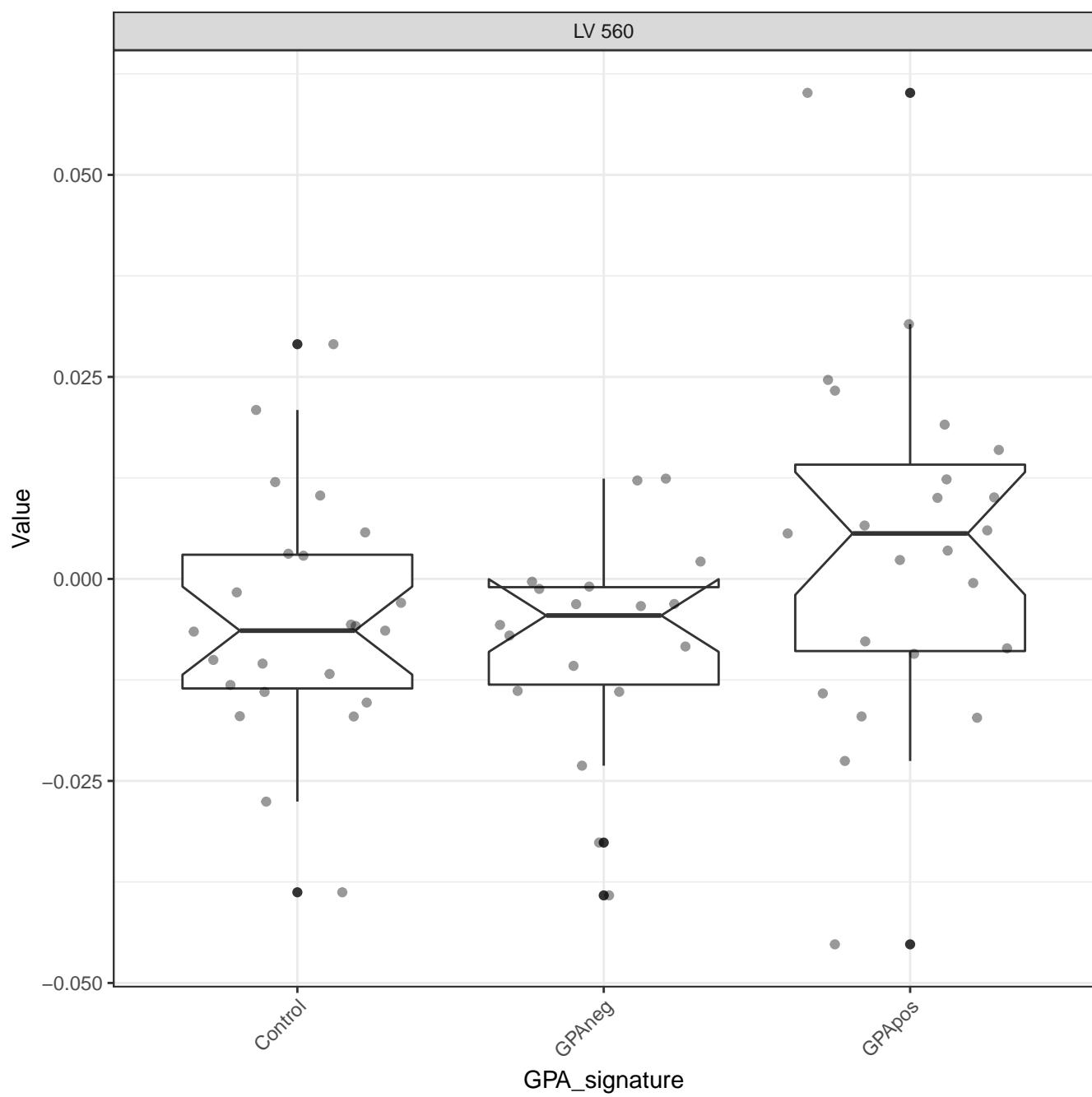
GPAneg

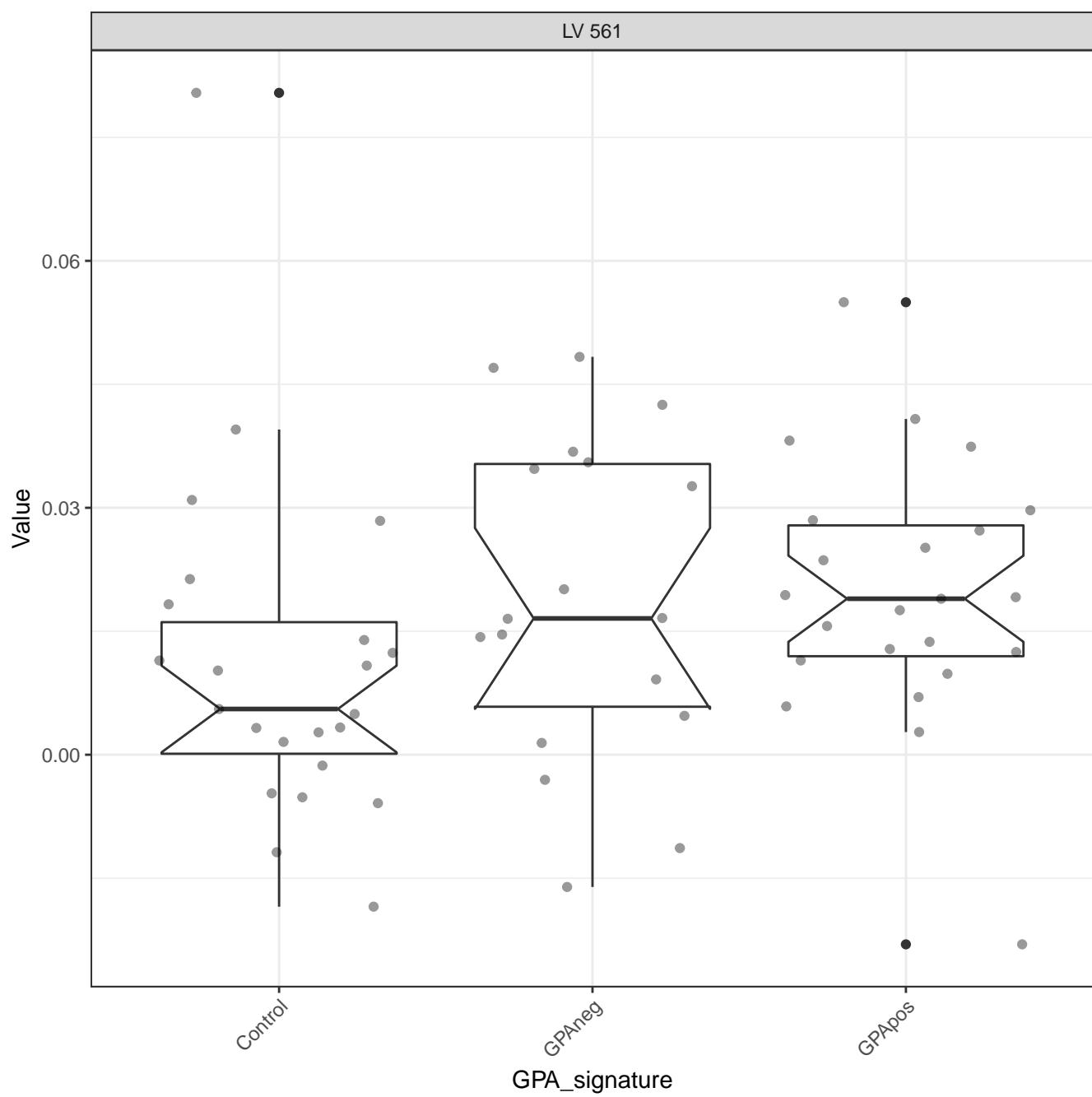
GPApos

GPA_signature

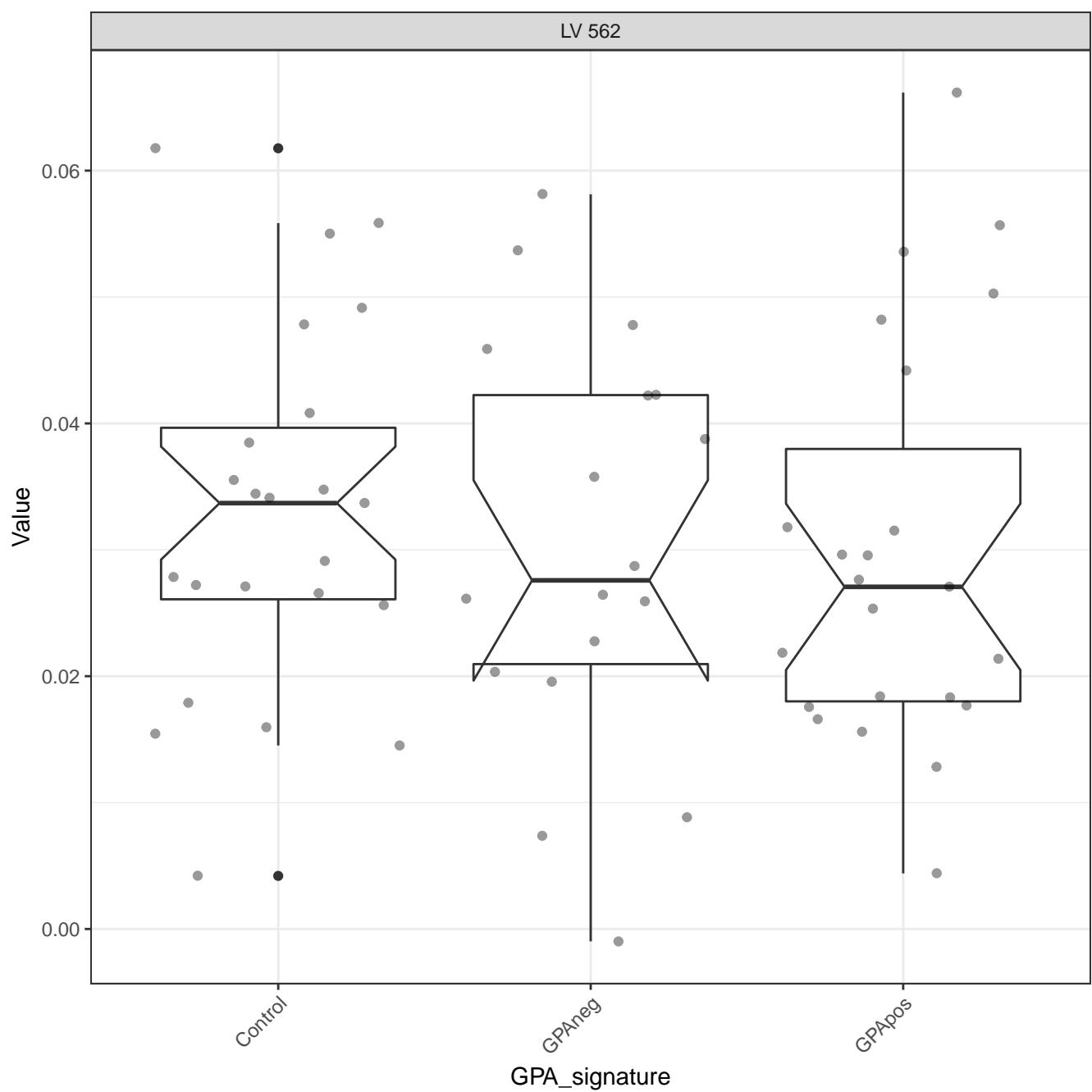


LV 560

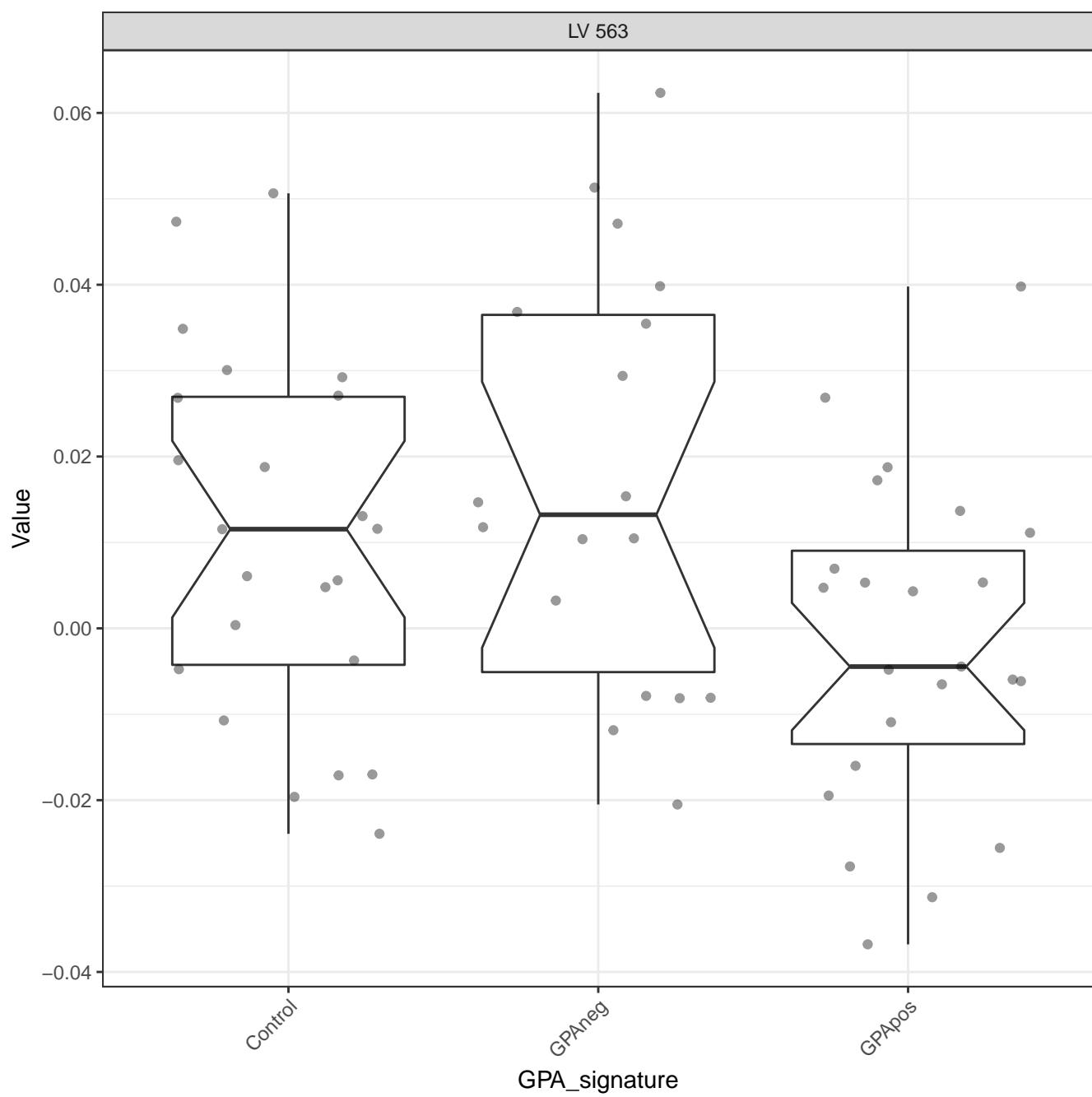




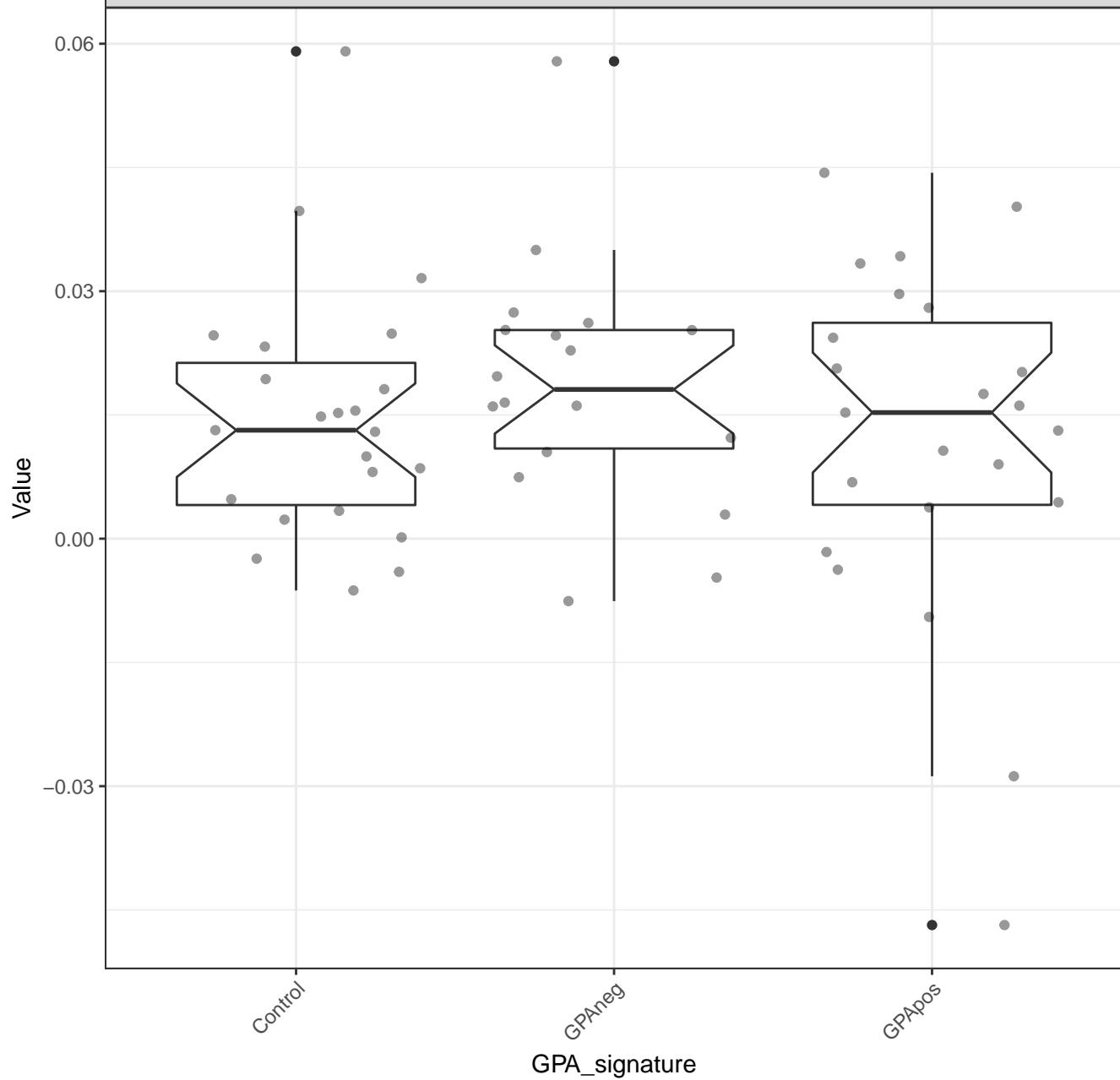
LV 562



LV 563



LV 564



LV 565

Value

0.04

0.01

-0.01

-0.08

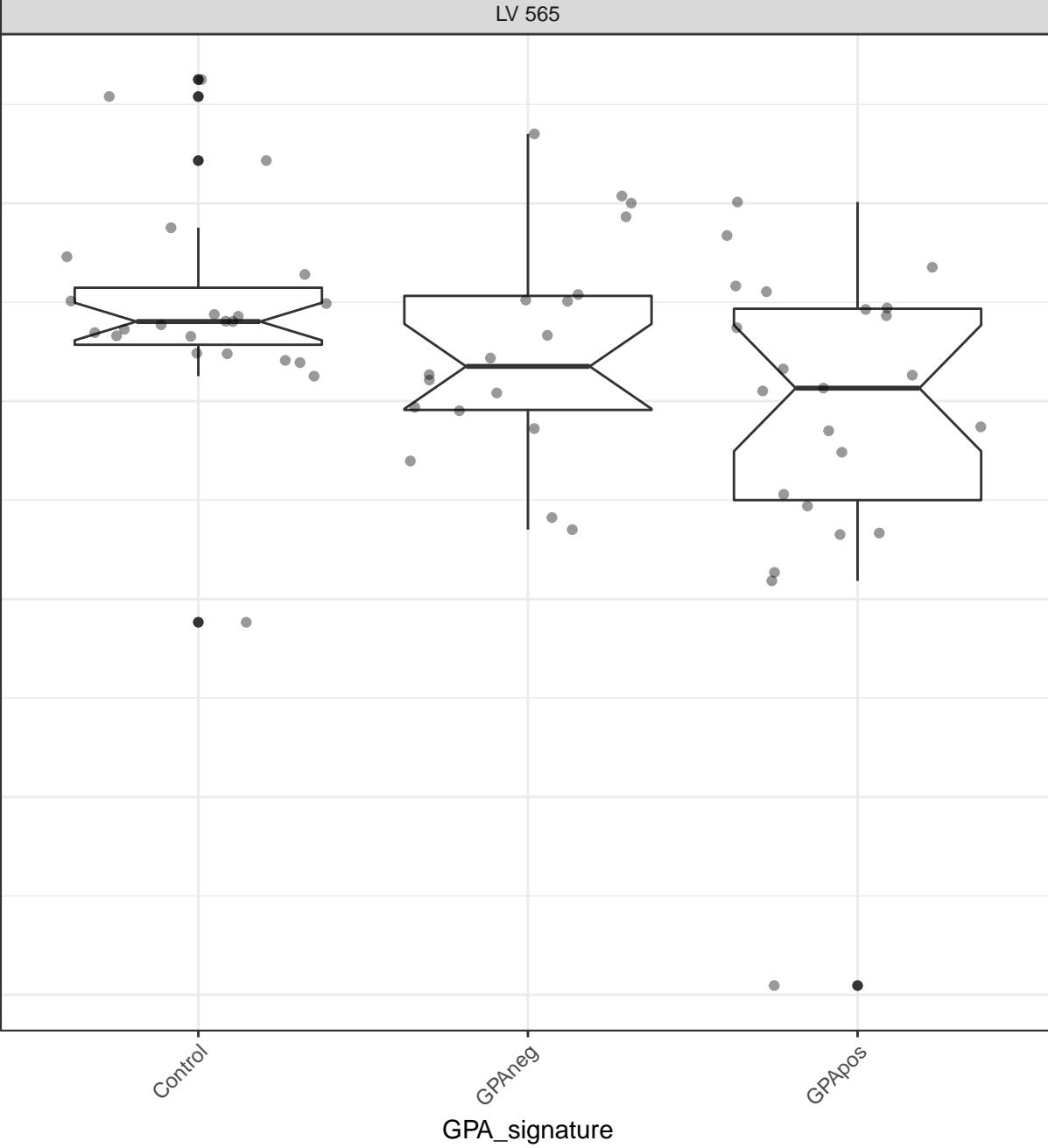
-0.12

Control

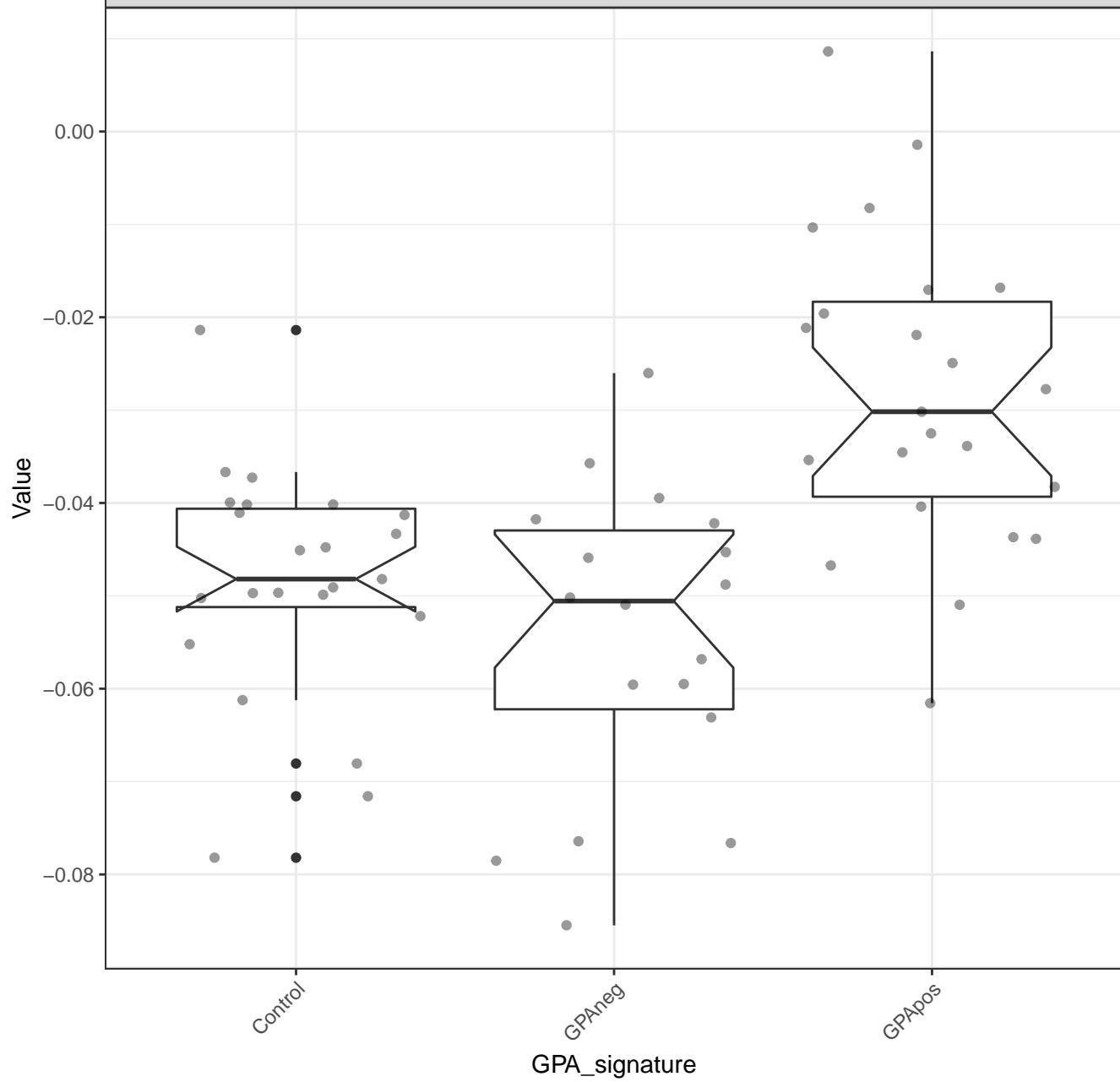
GPA_signature

GPAneg

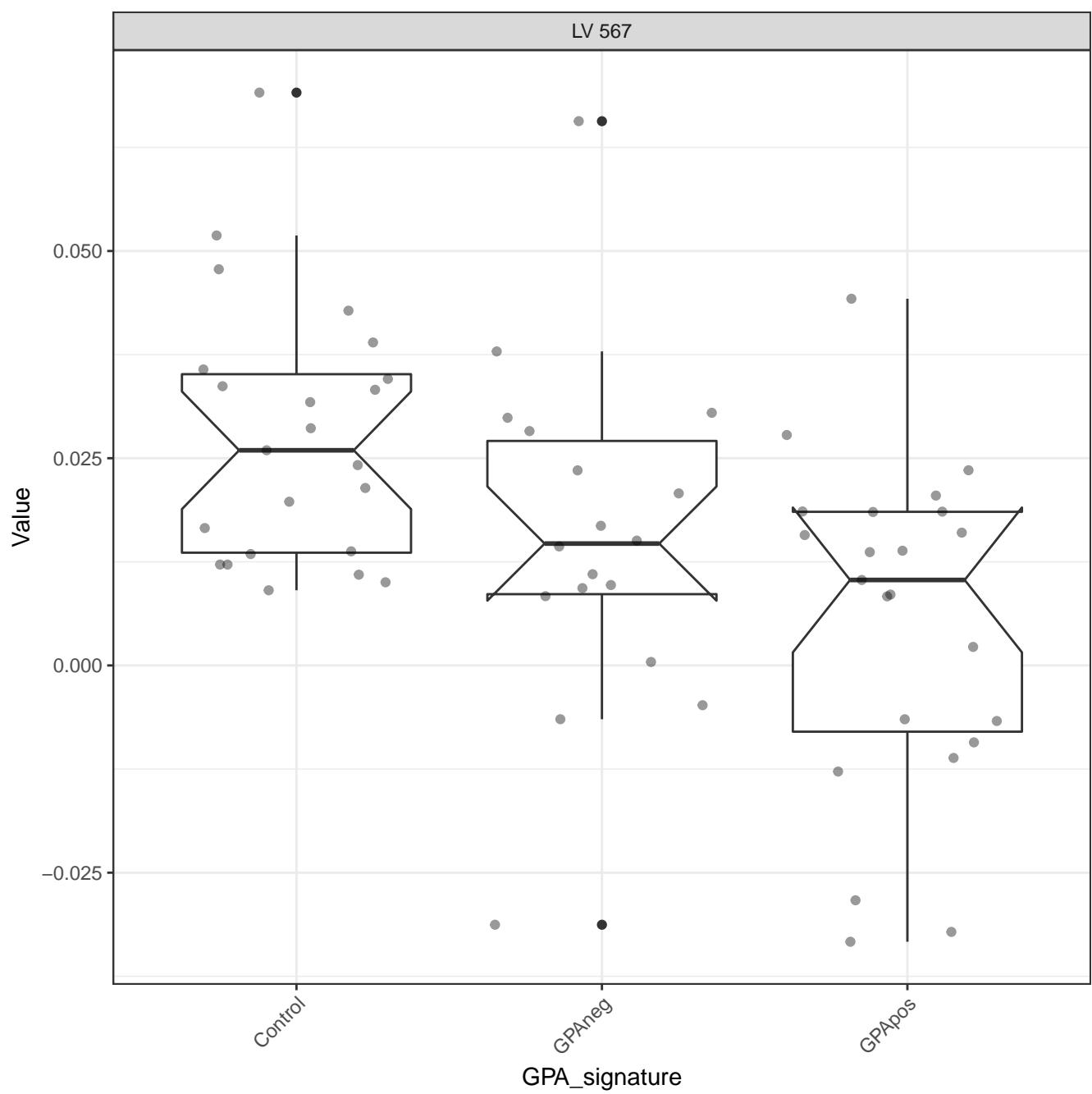
GPApos

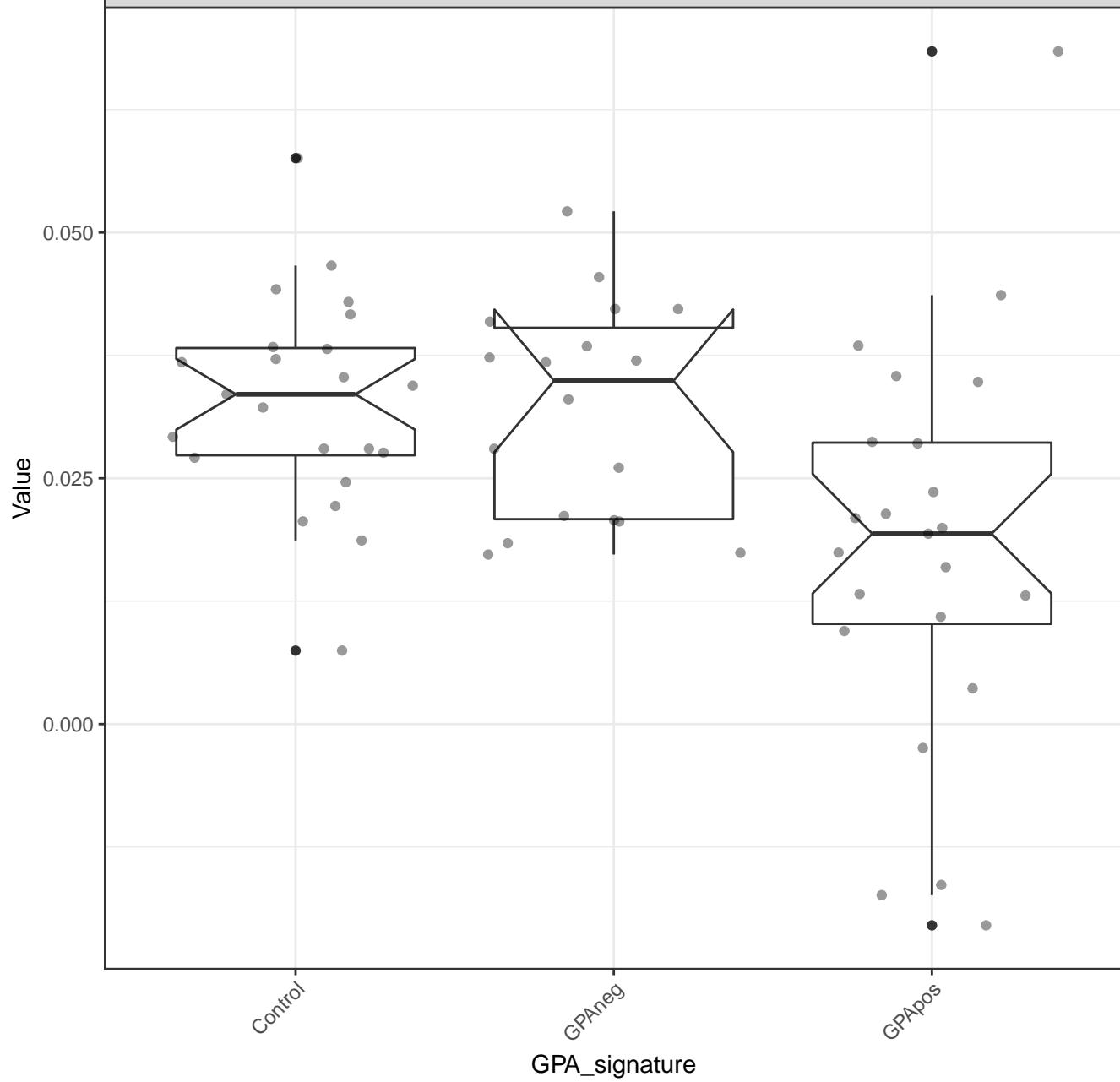


LV 566

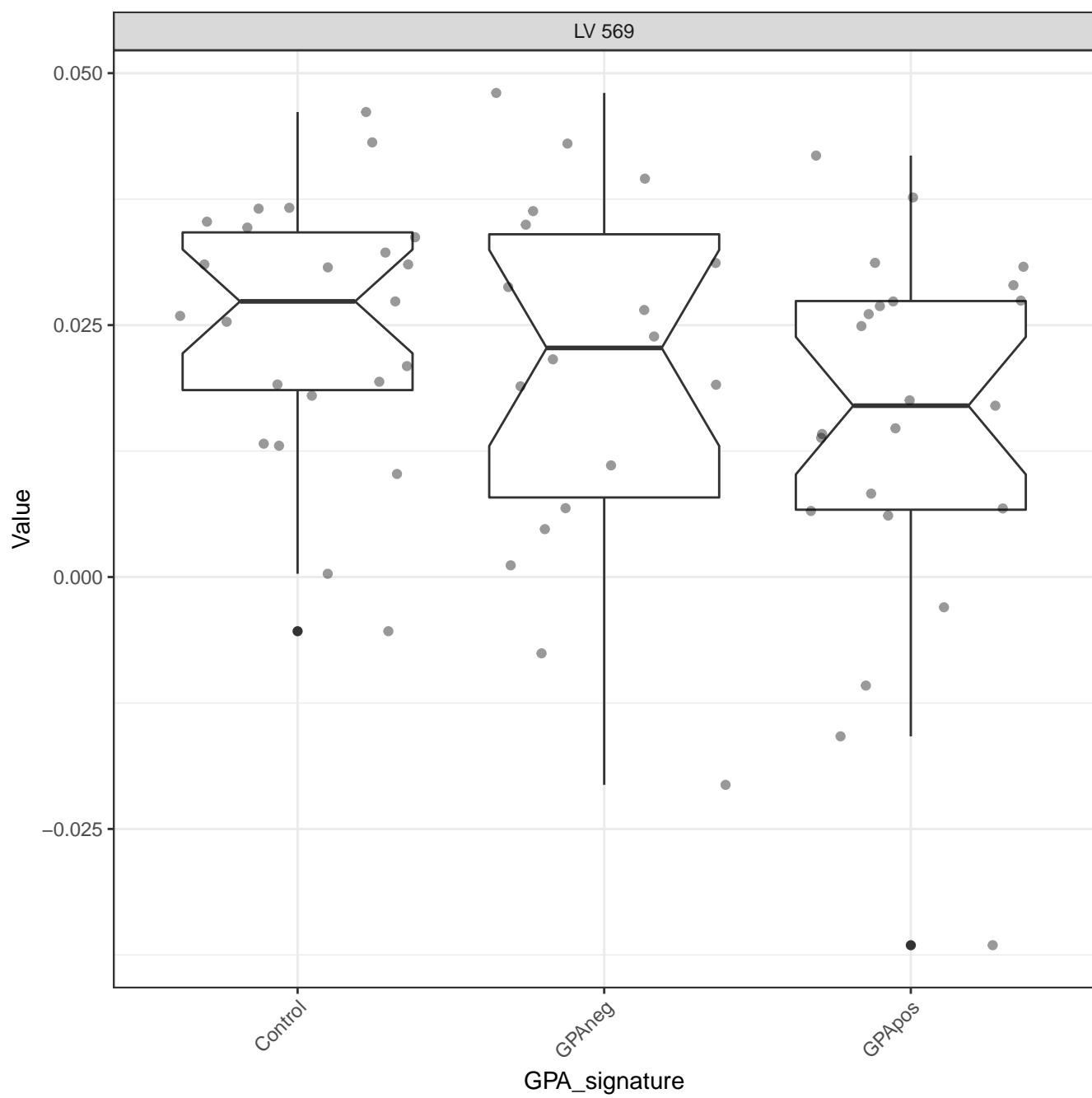


LV 567





LV 569



LV 570

Value

0.025

0.000

-0.025

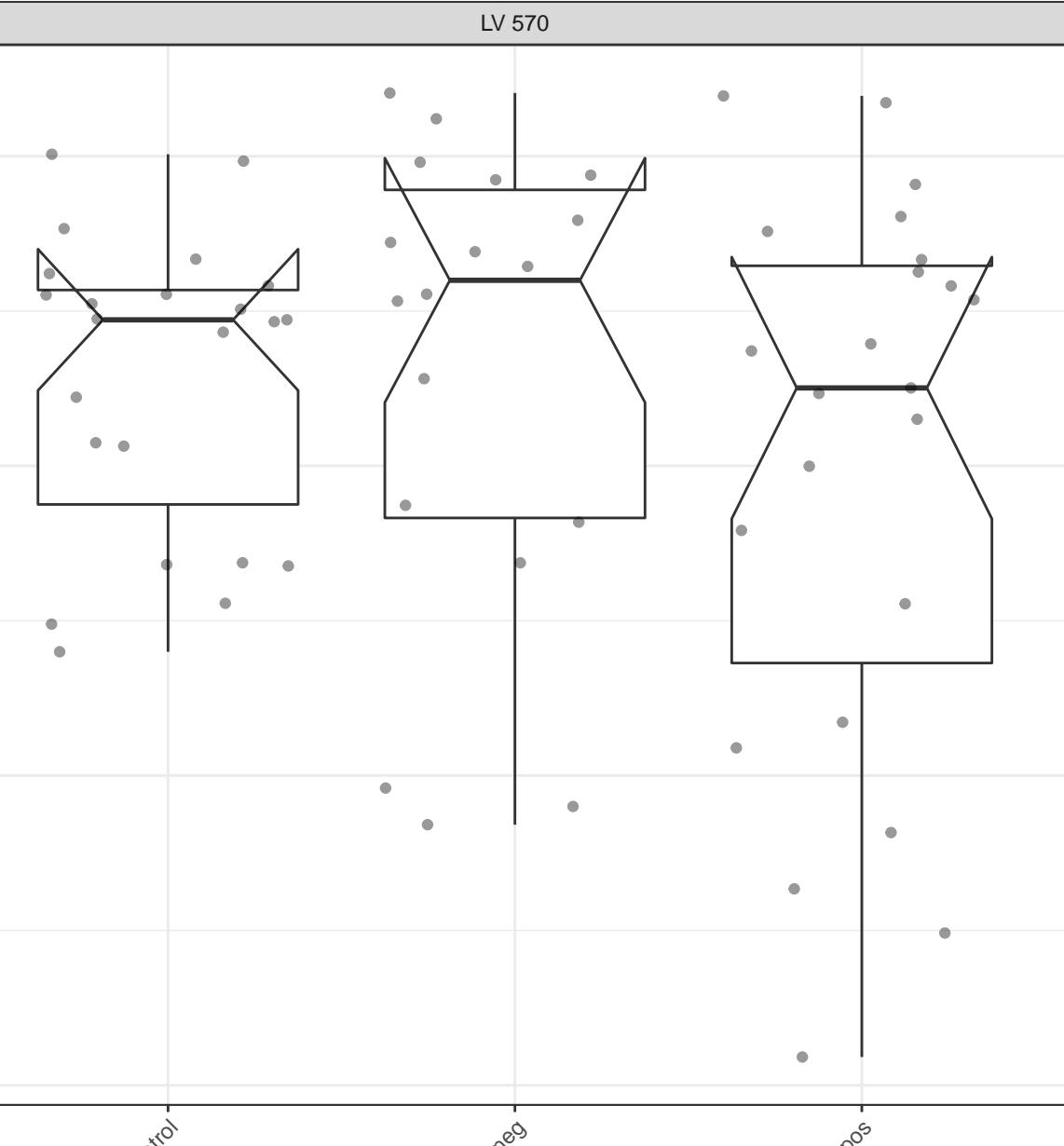
-0.050

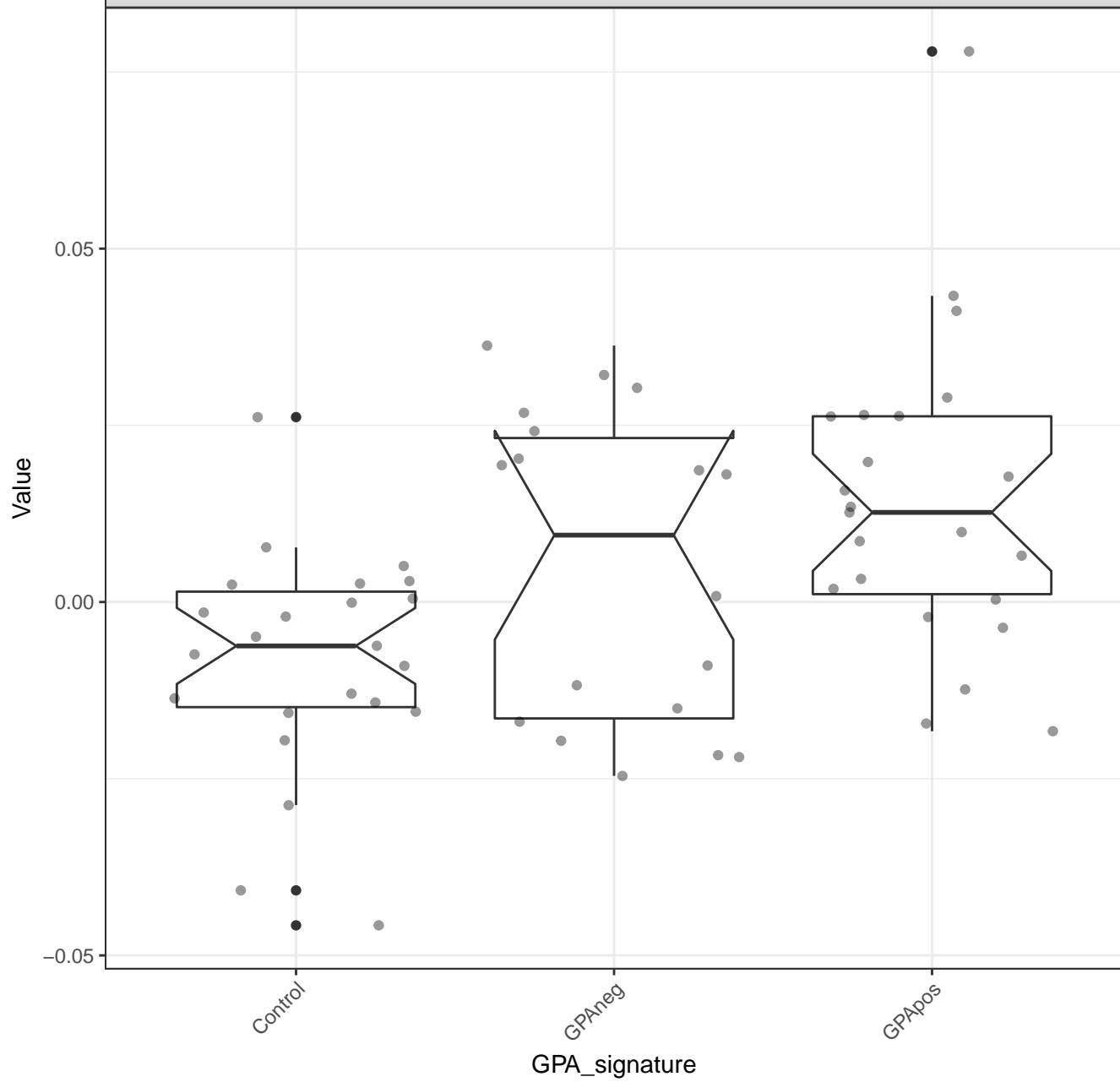
Control

GPA_signature

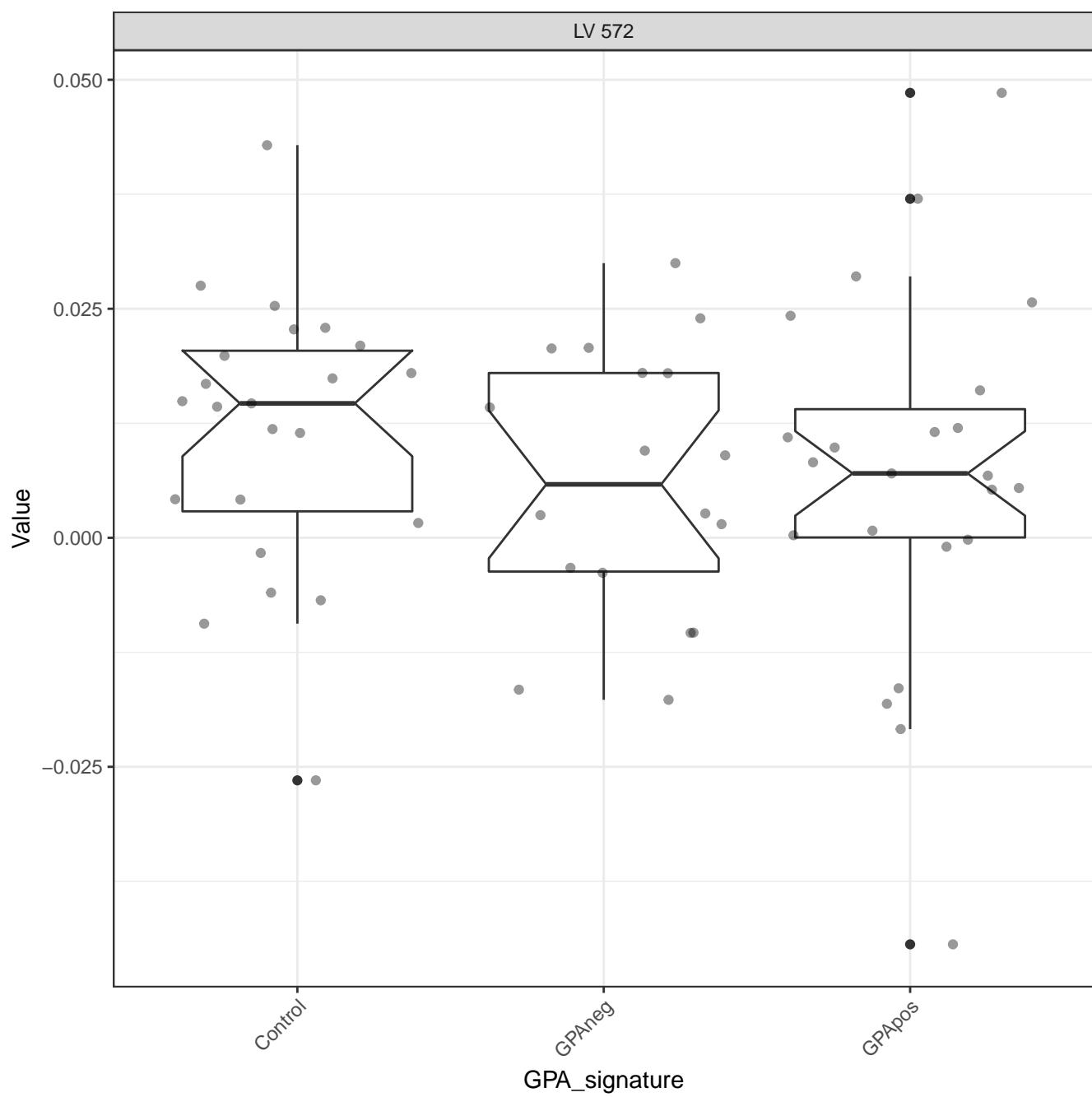
GPAneg

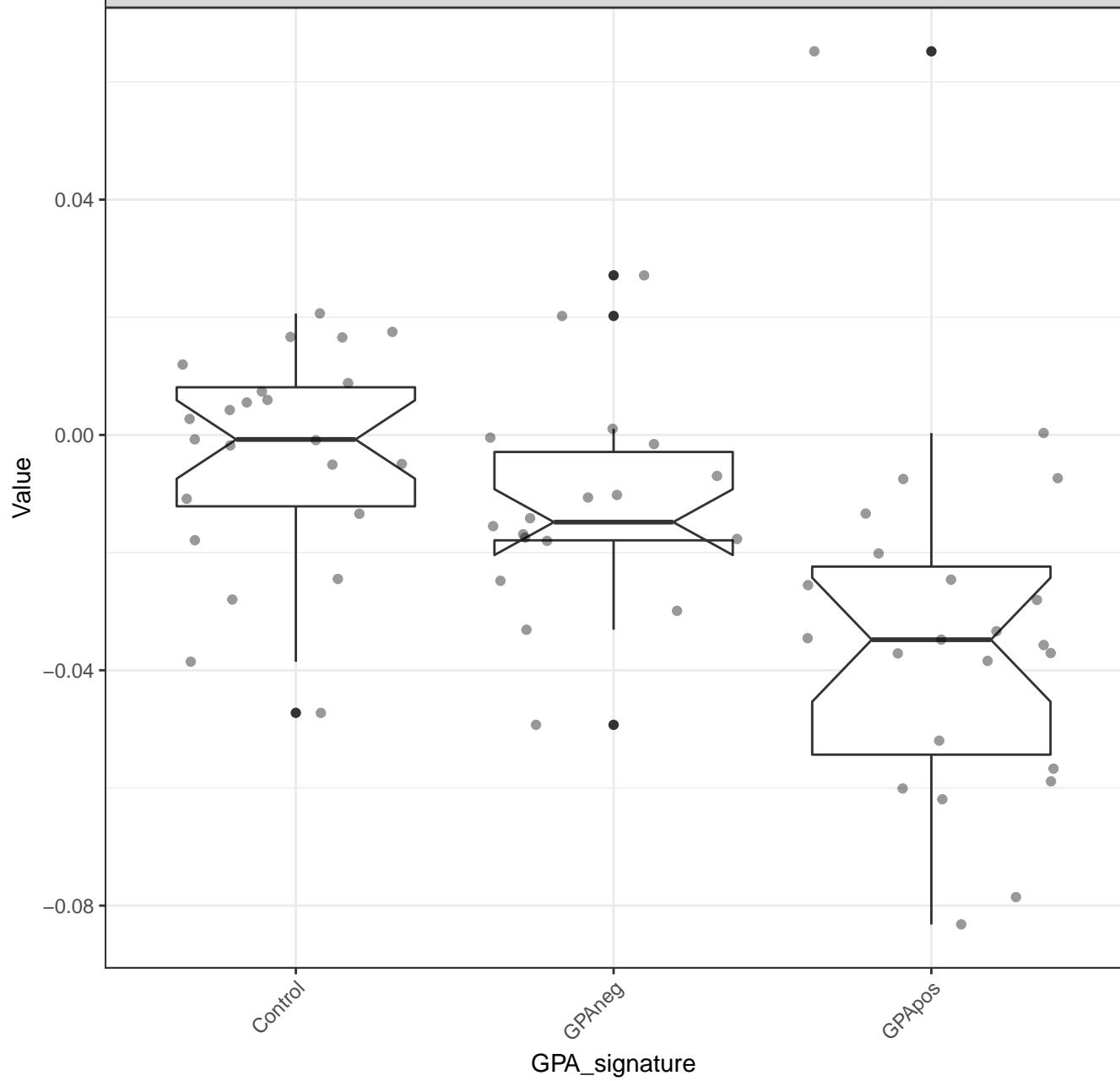
GPAPos

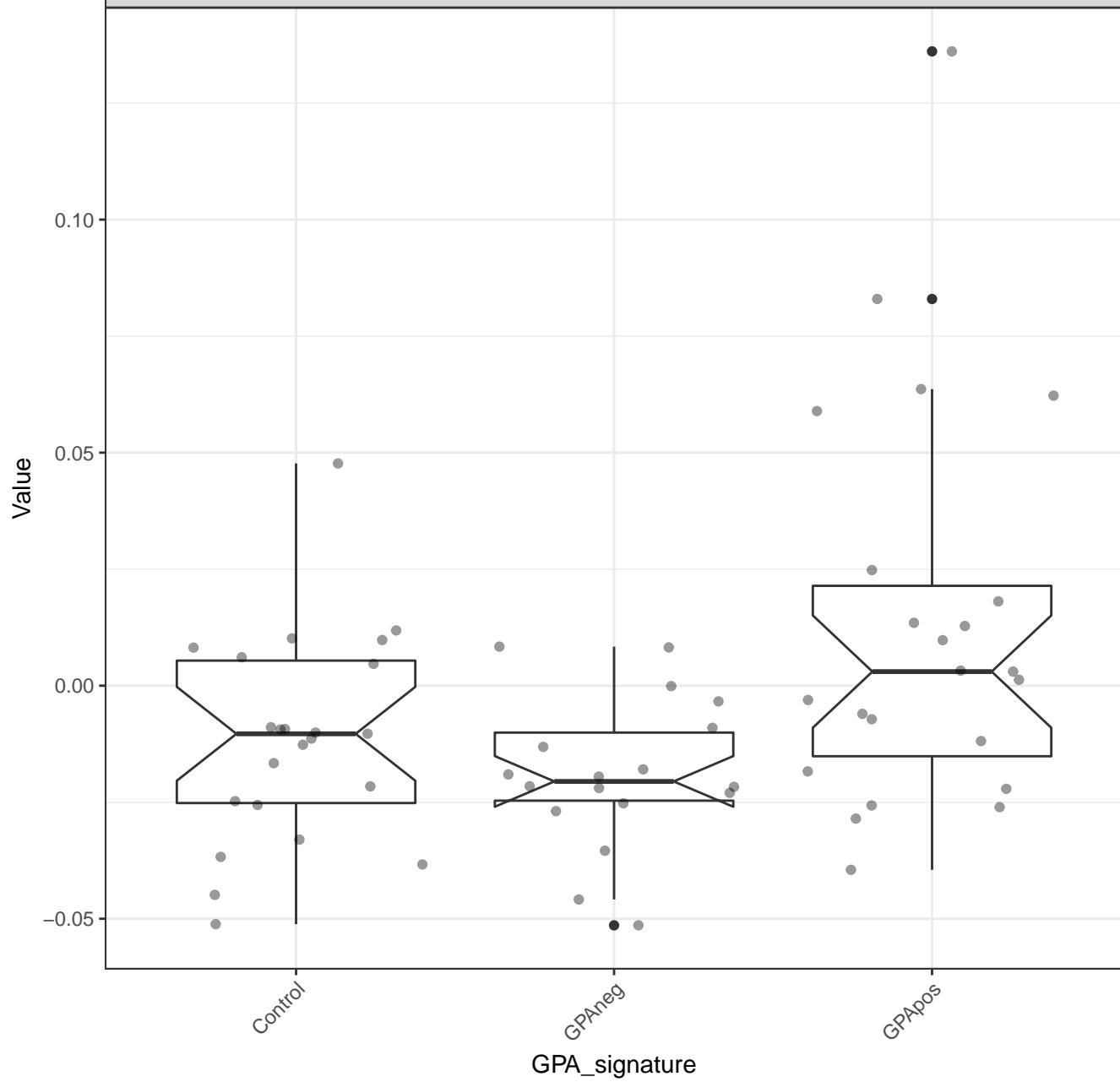




LV 572







LV 575

Value

0.050

0.025

0.000

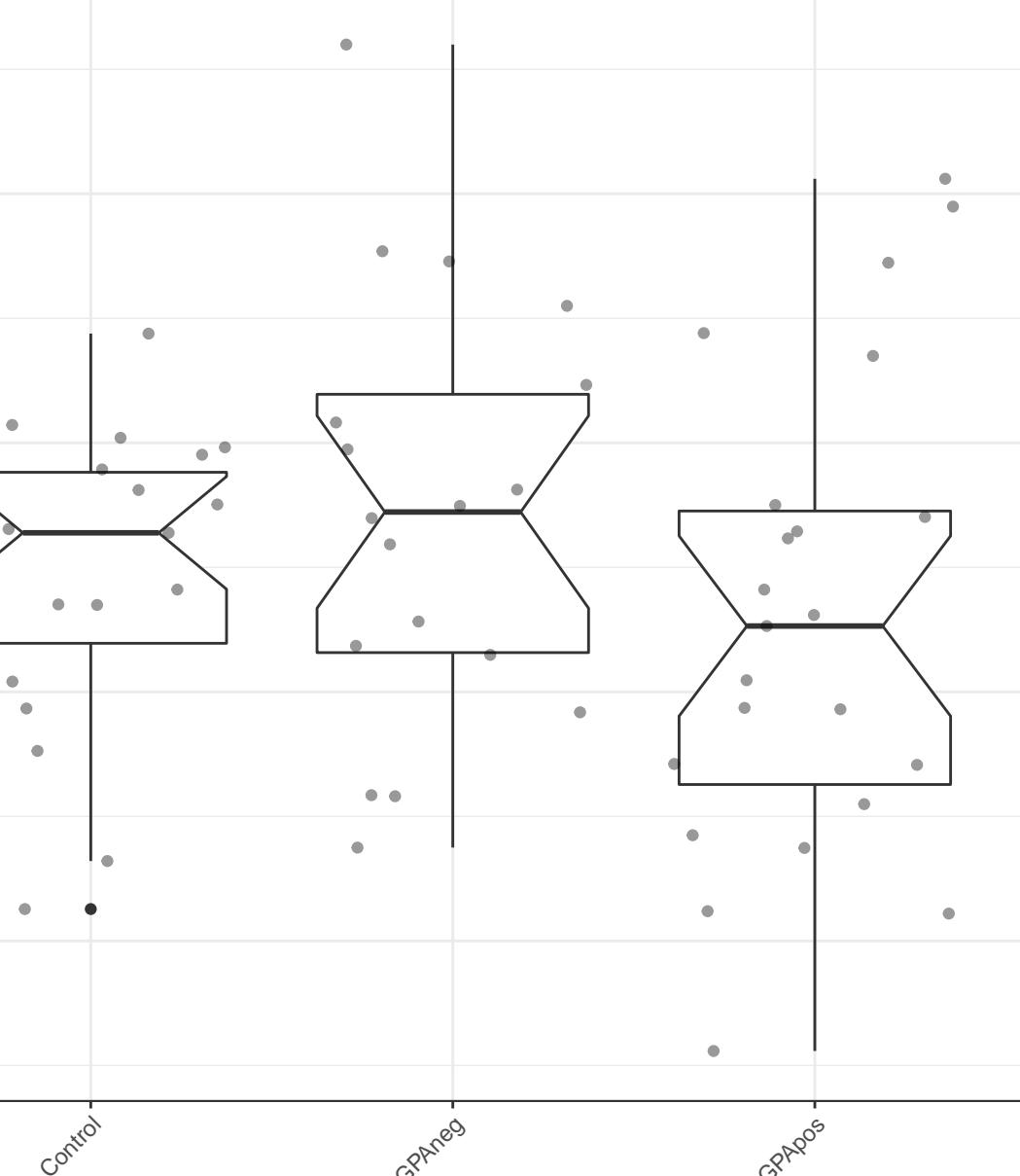
-0.025

Control

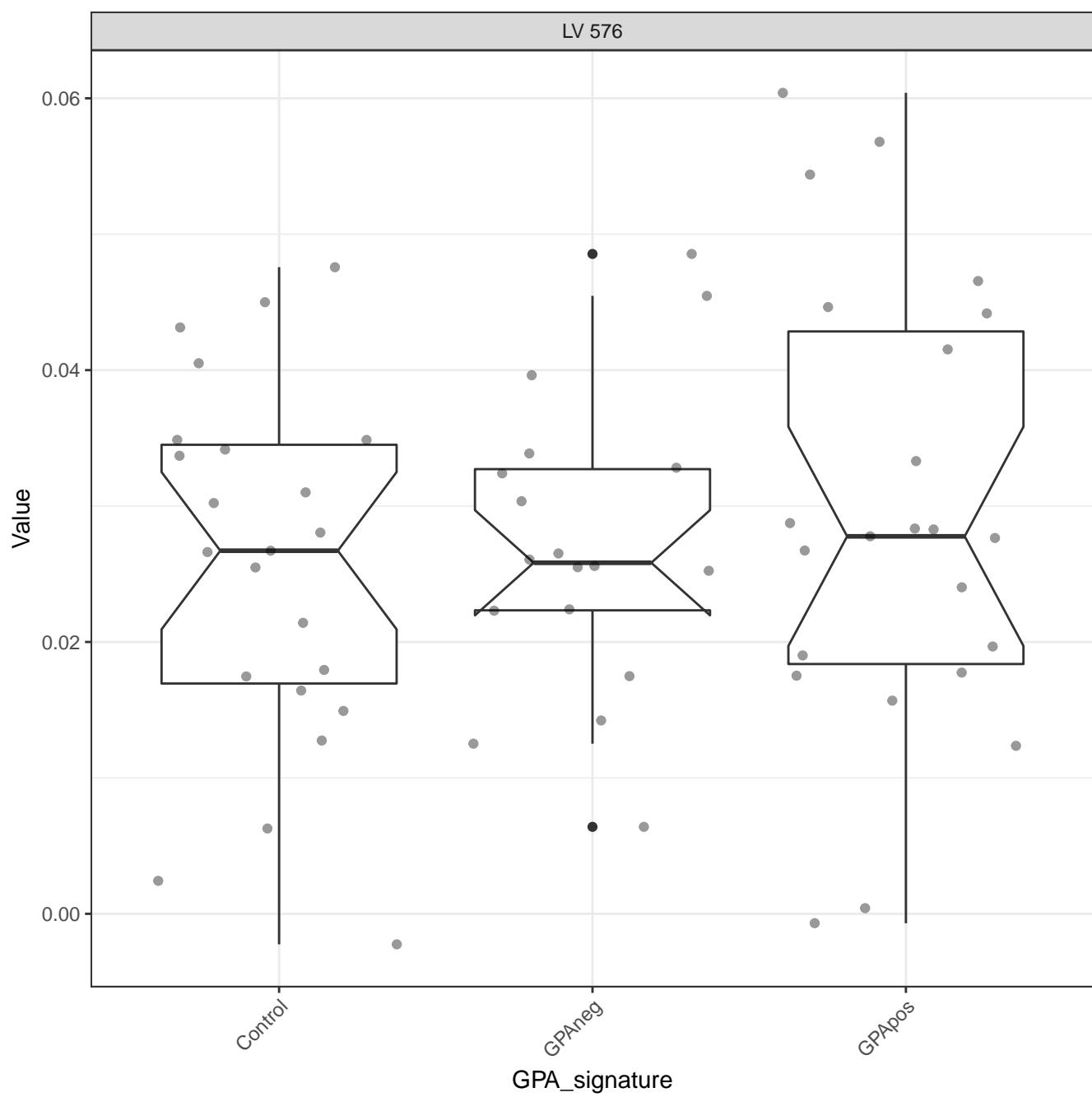
GPA_signature

GPAneg

GPAPos



LV 576



LV 577

Value

0.04

0.01

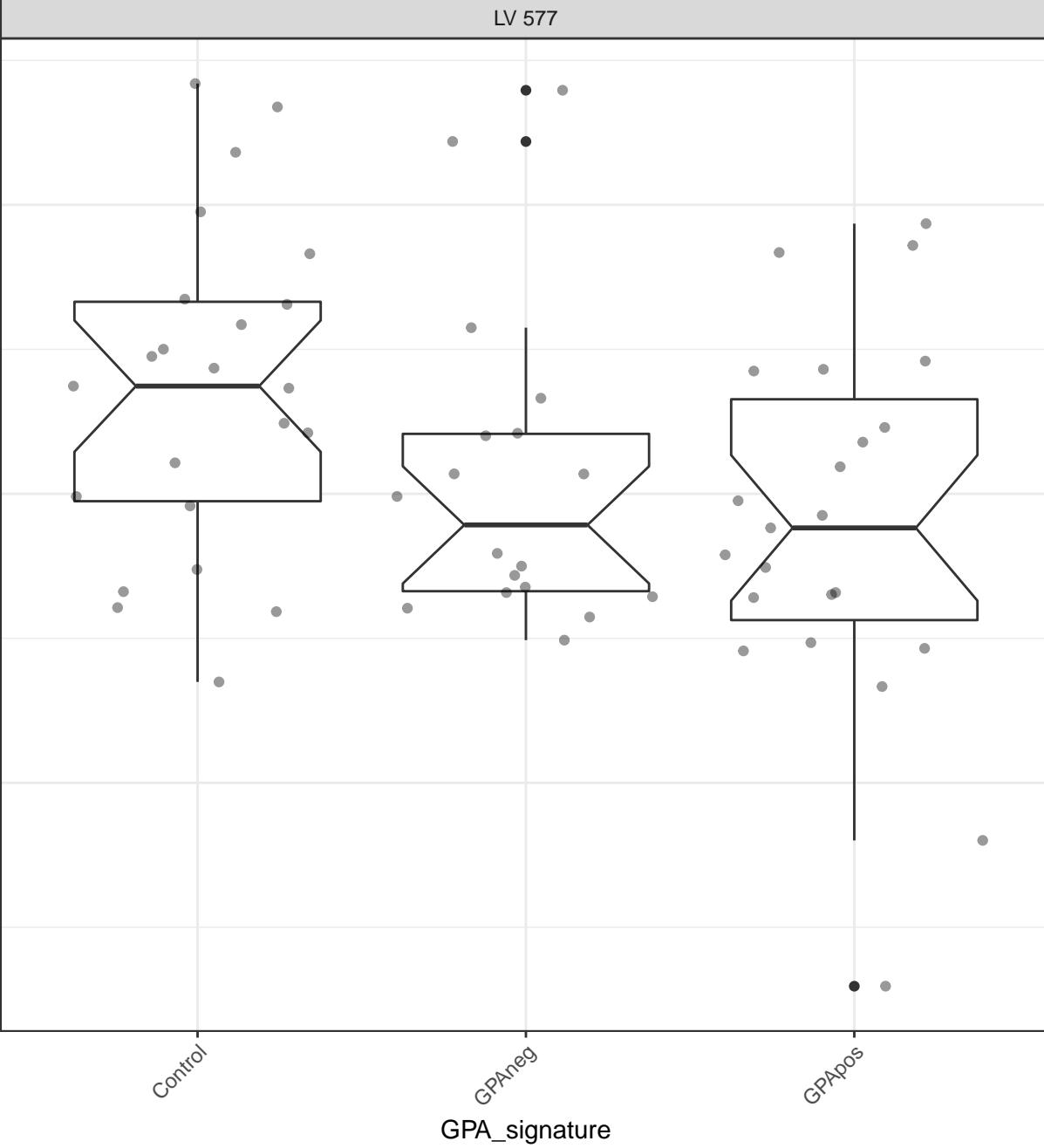
-0.04

Control

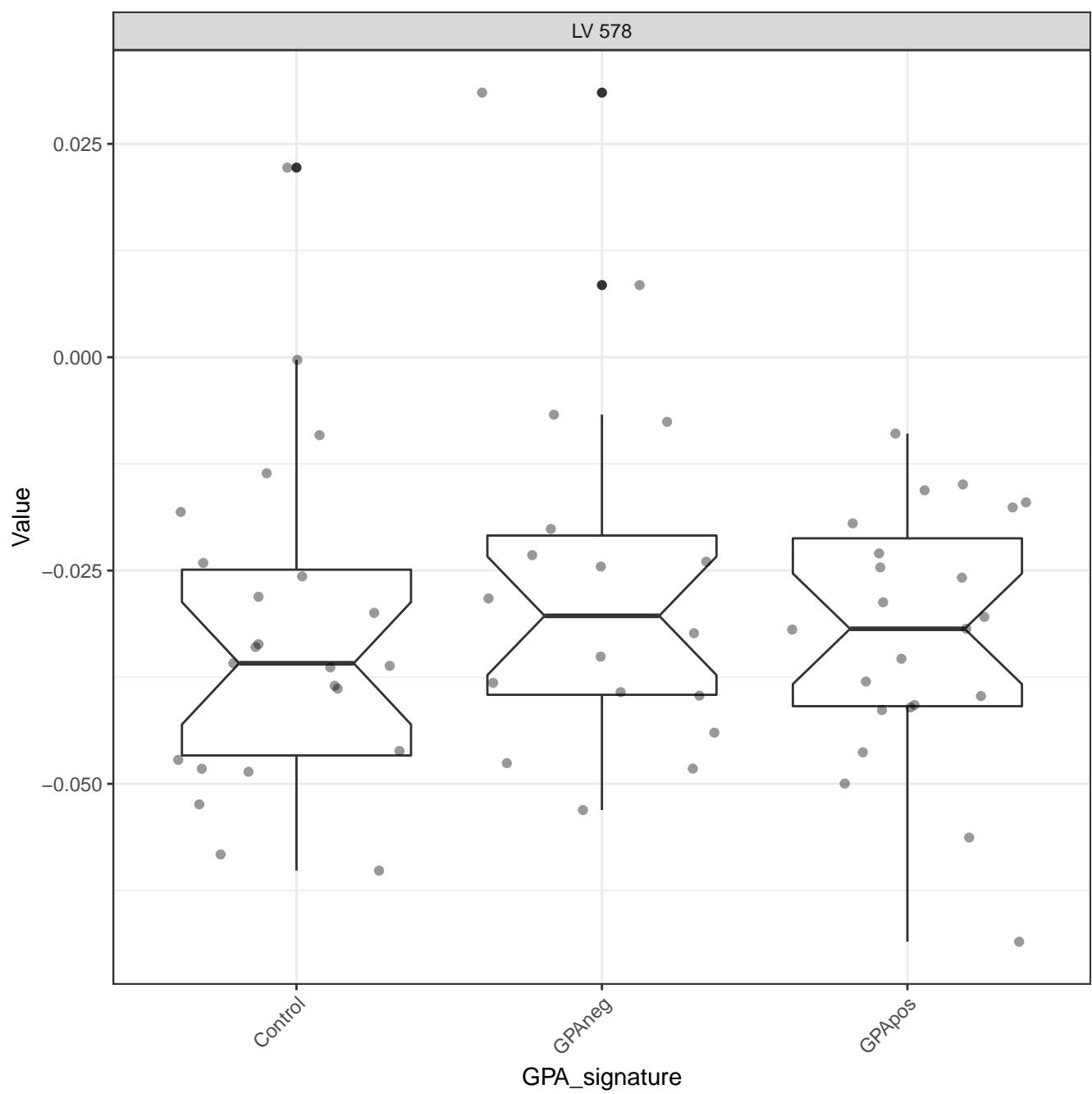
GPA_signature

GPAneg

GPAPos

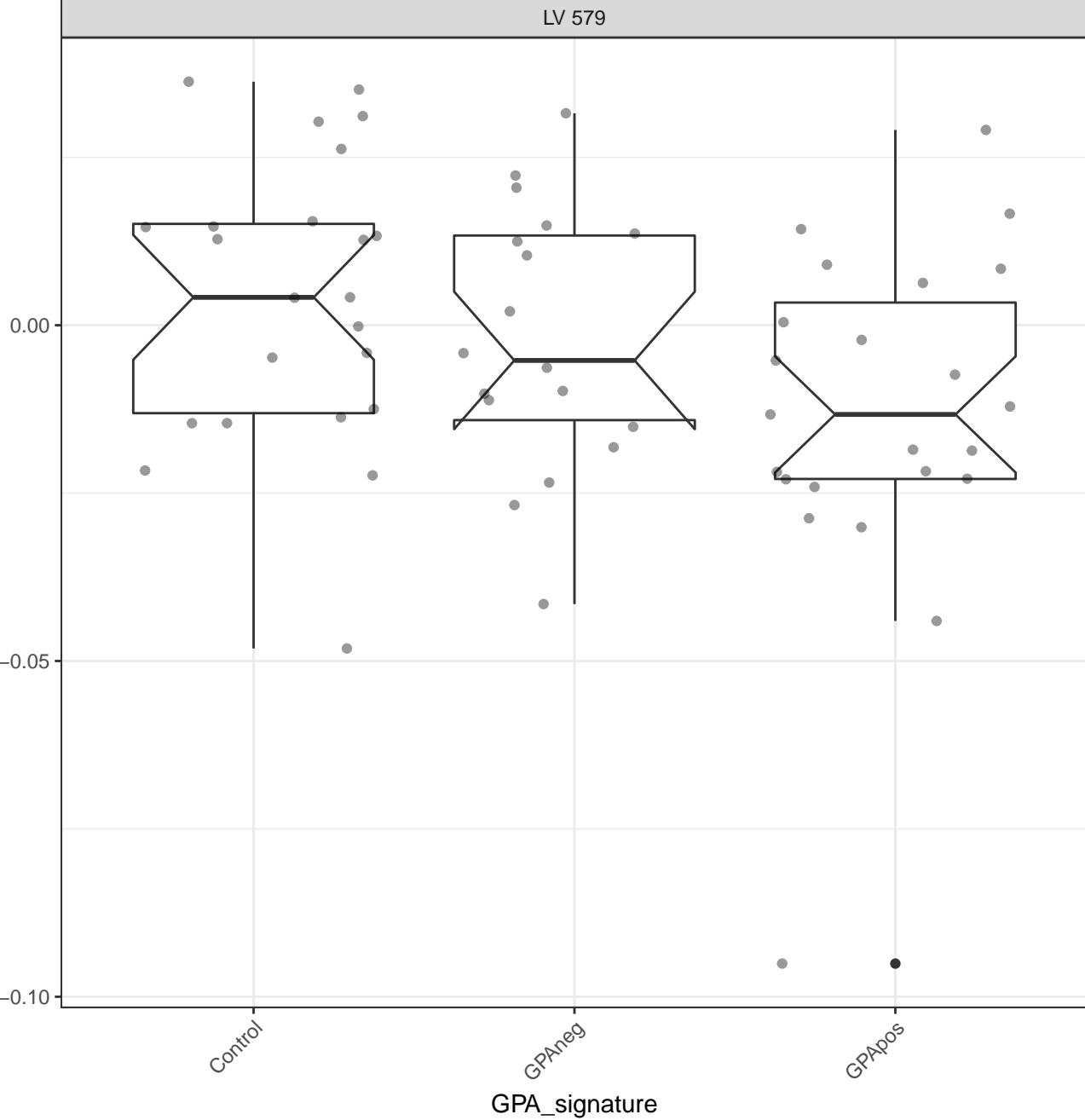


LV 578

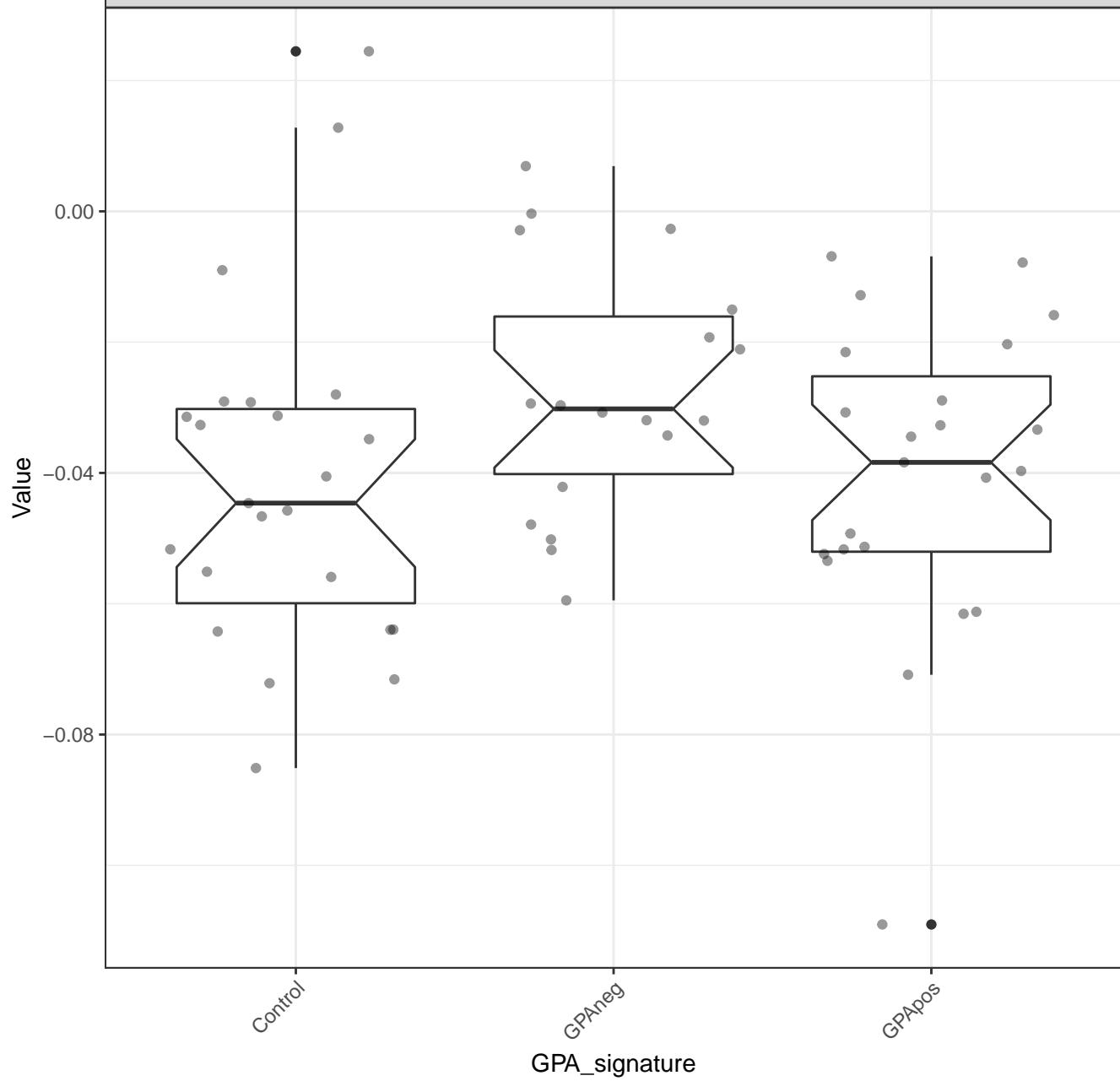


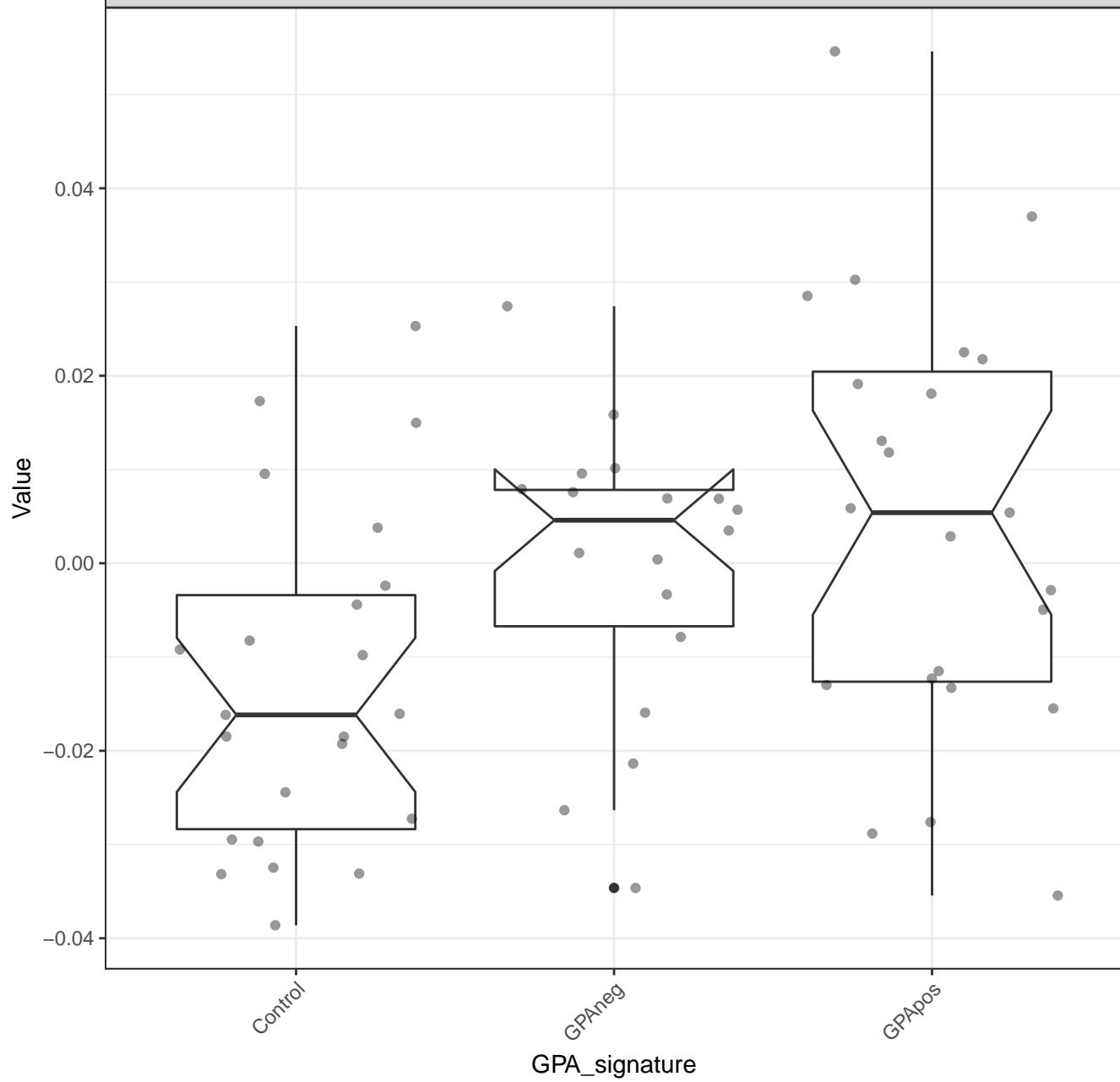
LV 579

Value

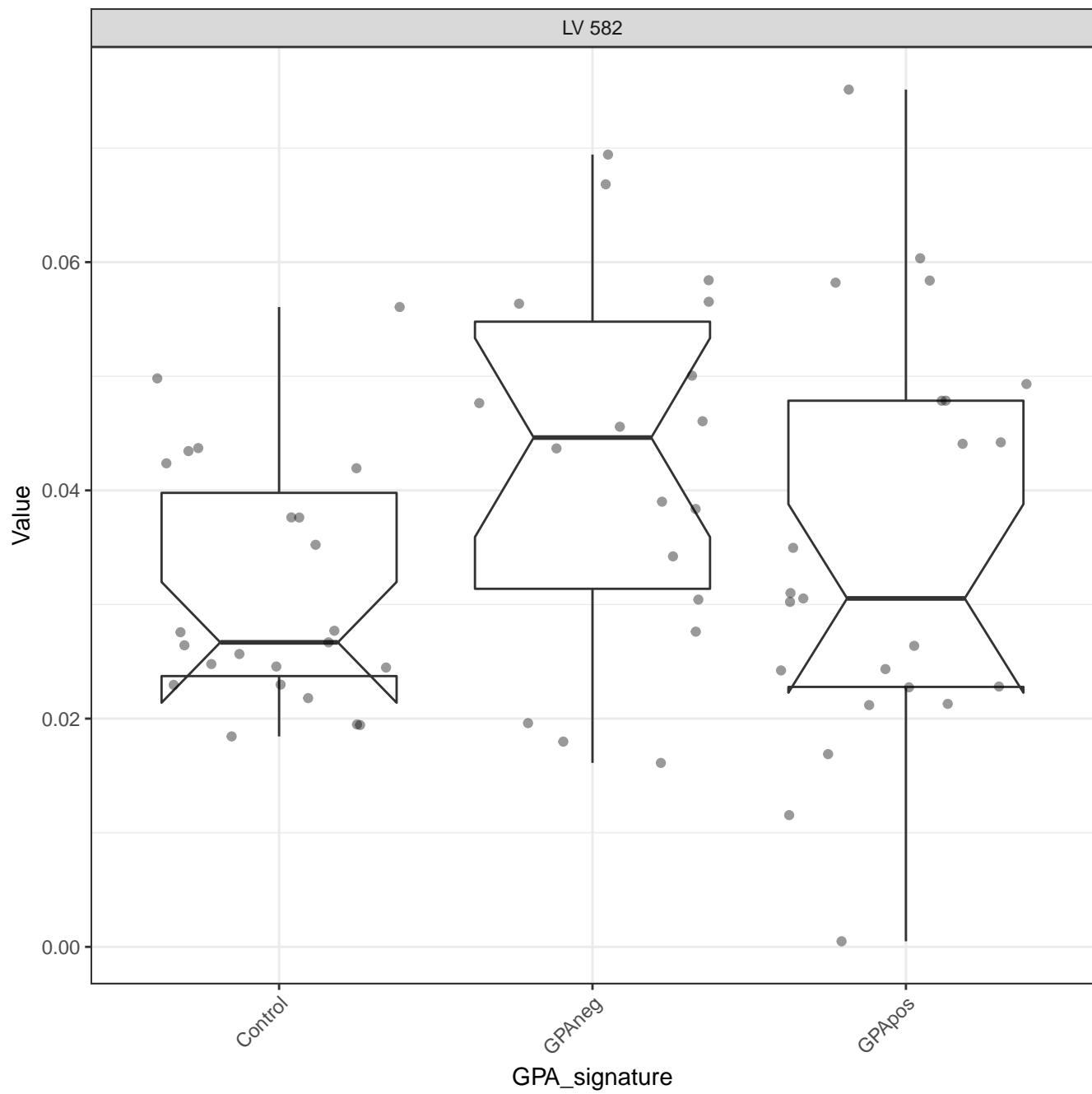


LV 580

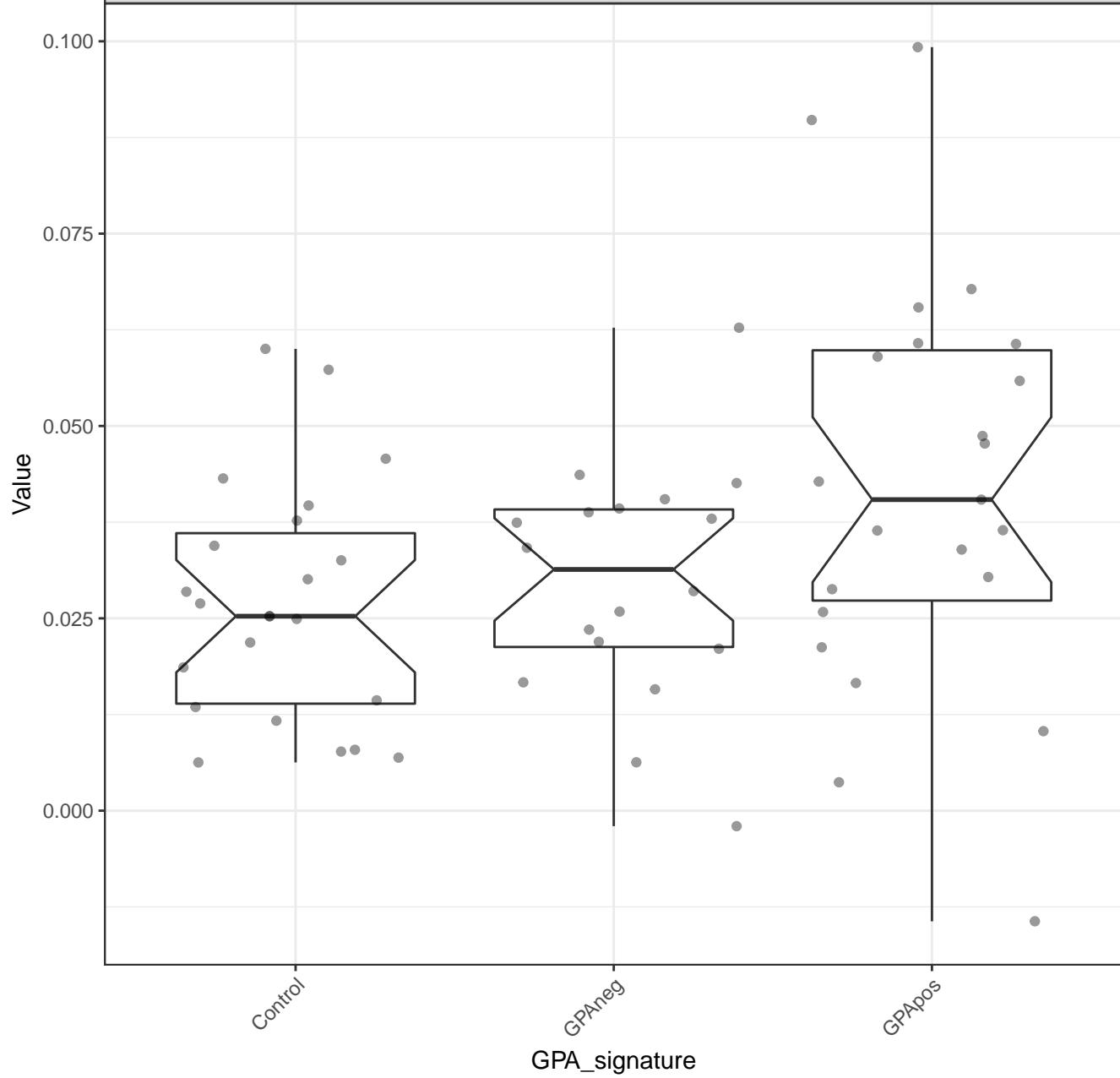




LV 582

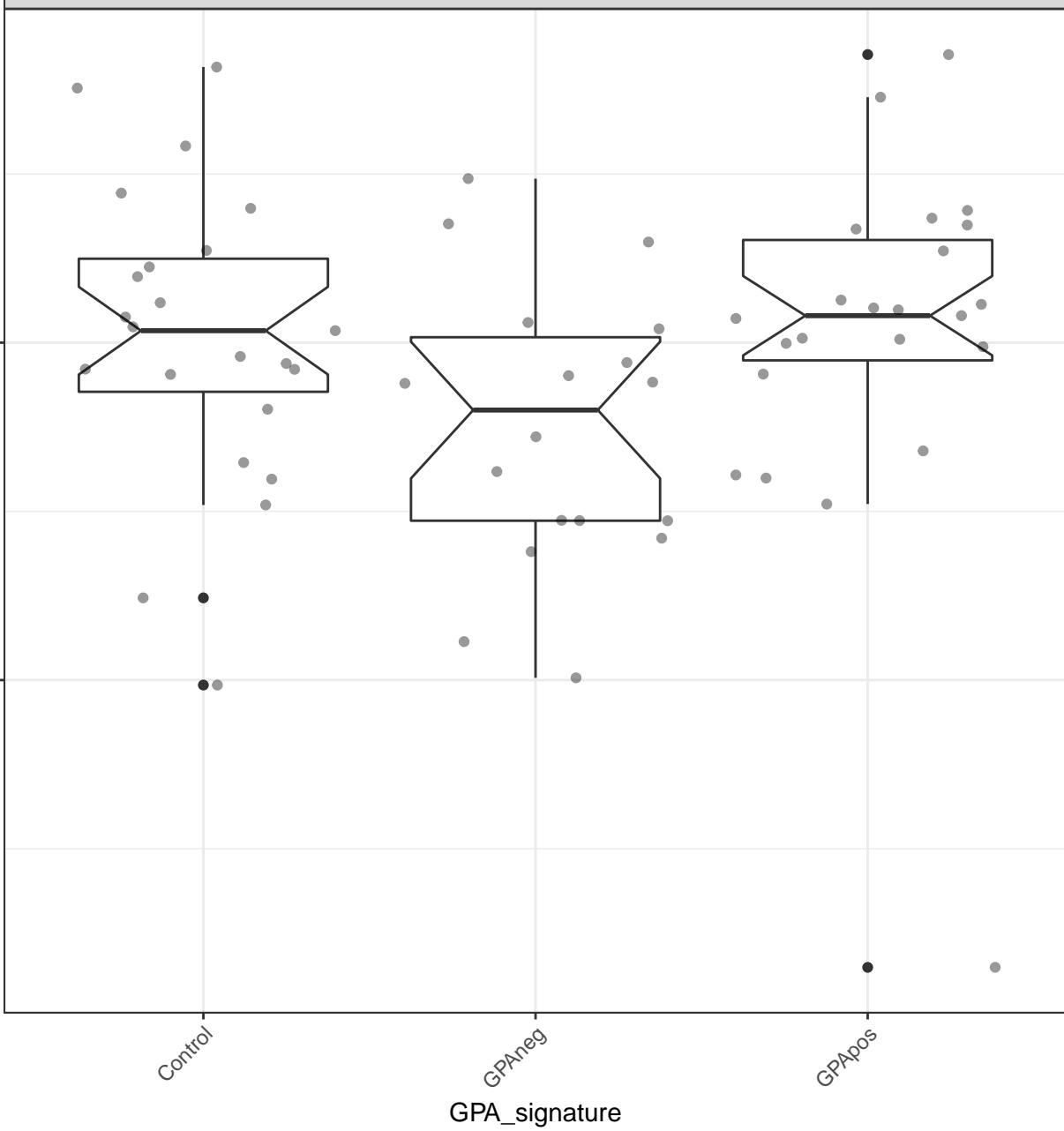


583,MIPS_39S_RIBOSOMAL_SUBUNIT_MITOCHONDRIAL



LV 584

Value



LV 585

Value

0.025

0.000

-0.025

-0.050

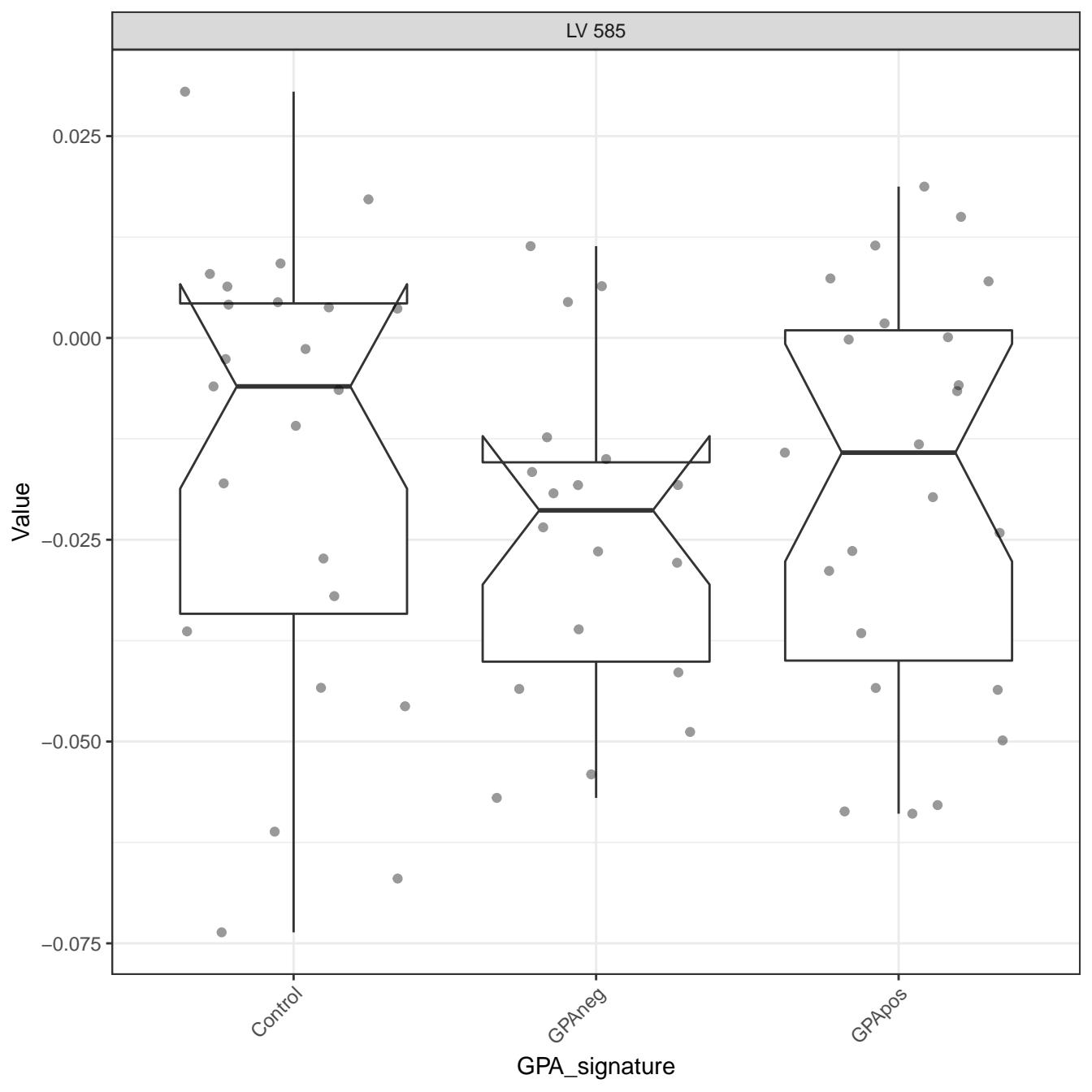
-0.075

Control

GPA_signature

GPAneg

GPAPos



Value

0.075

0.050

0.025

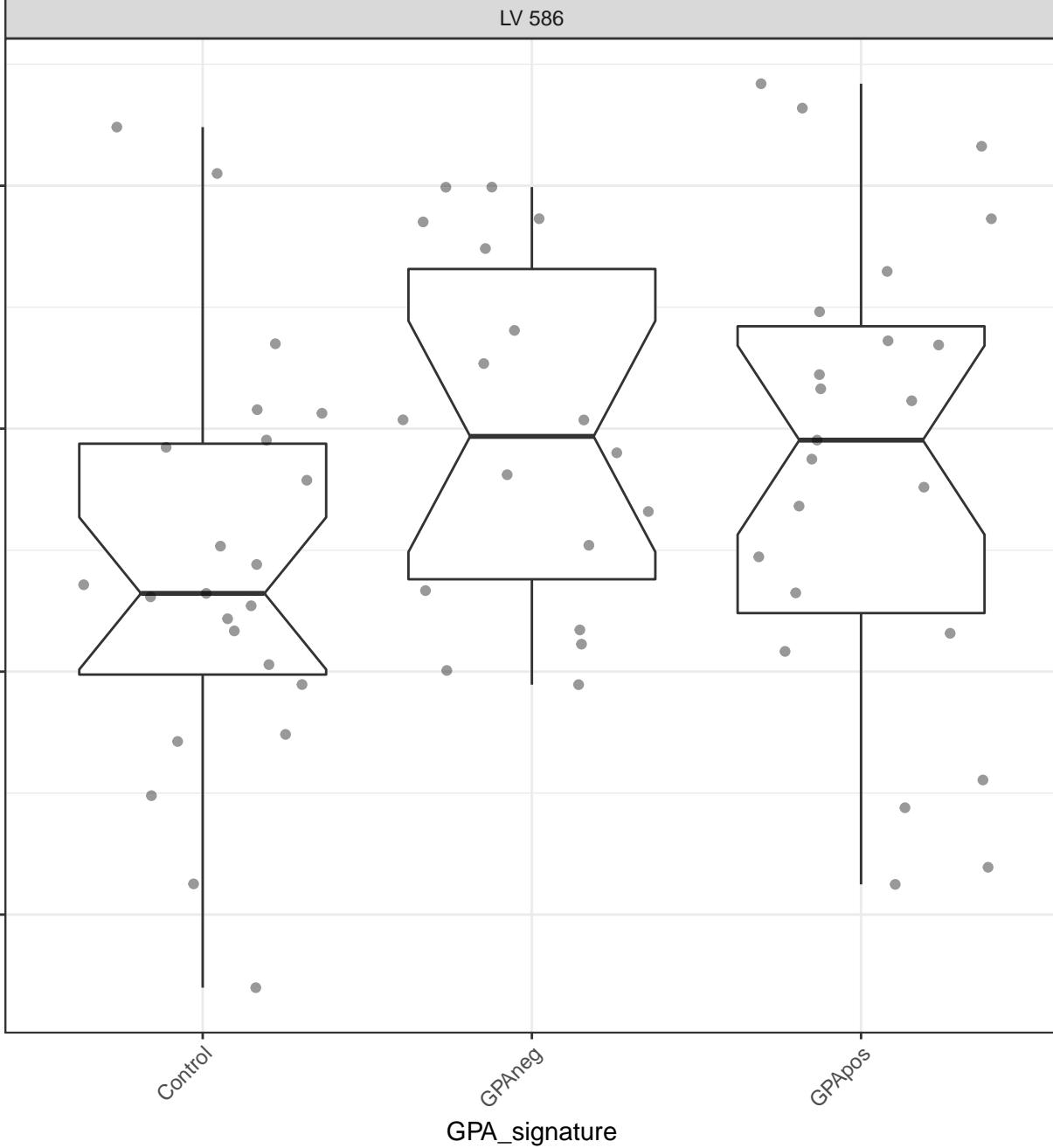
0.000

Control

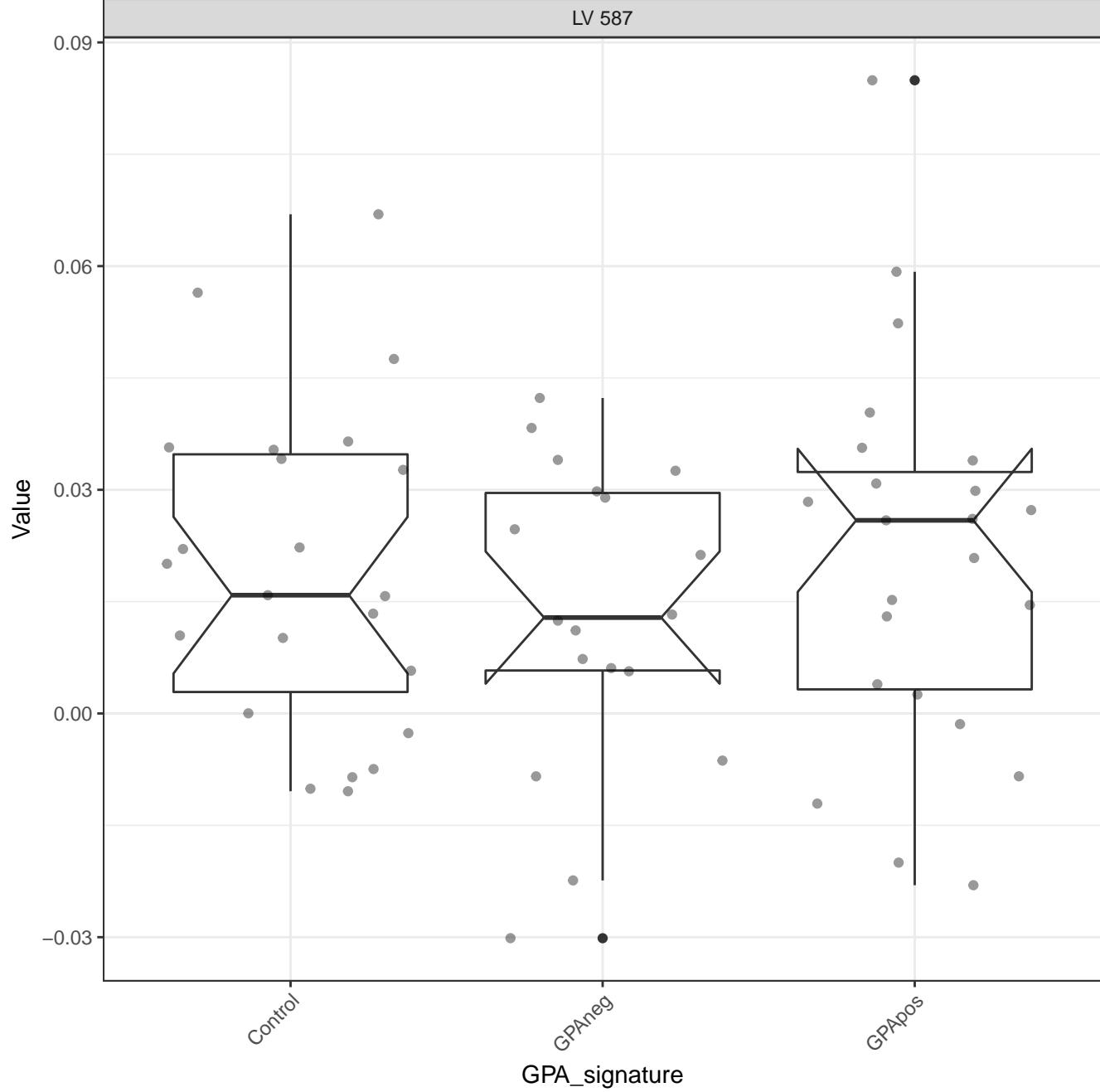
GPAneg

GPAPos

GPA_signature

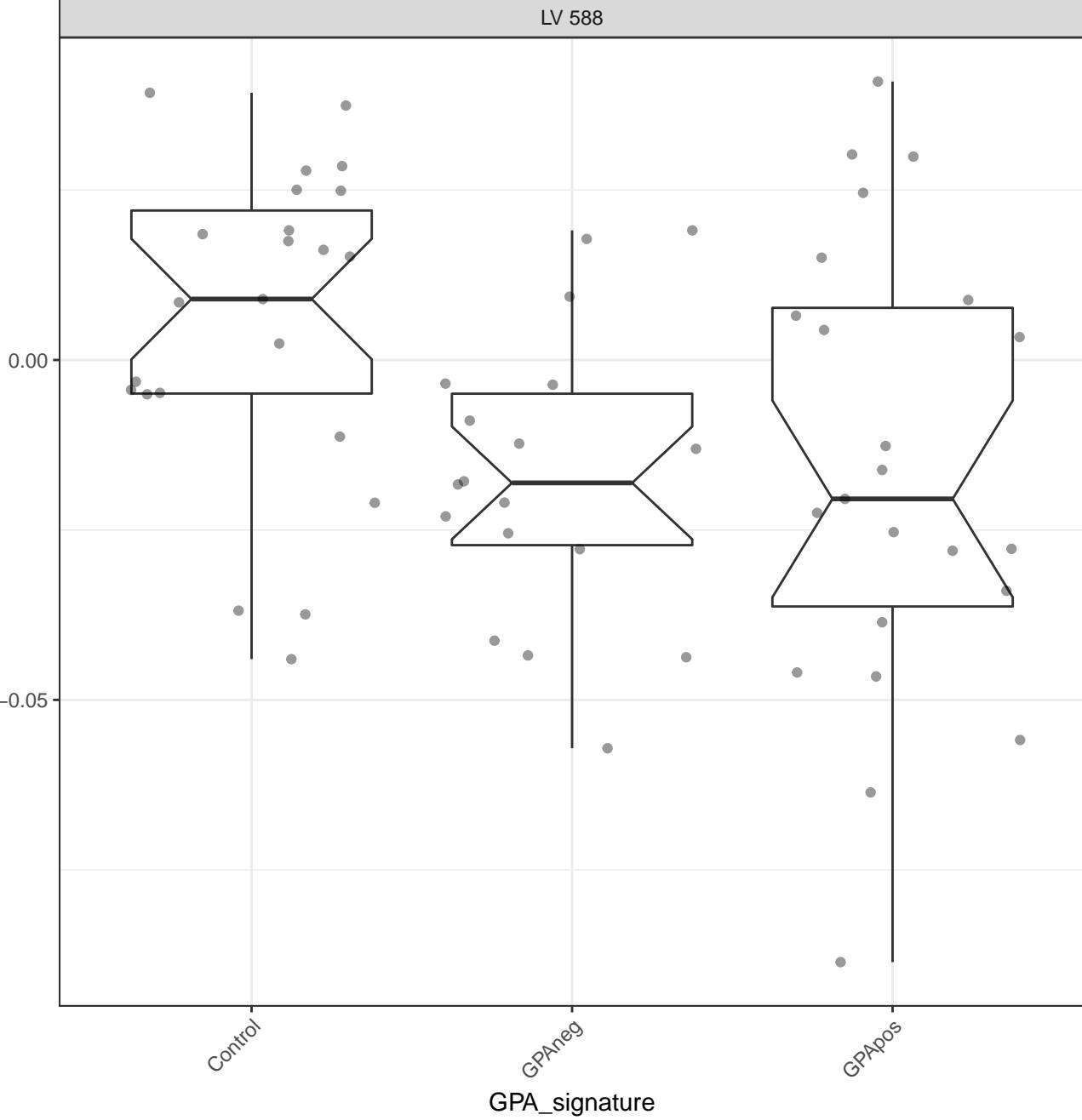


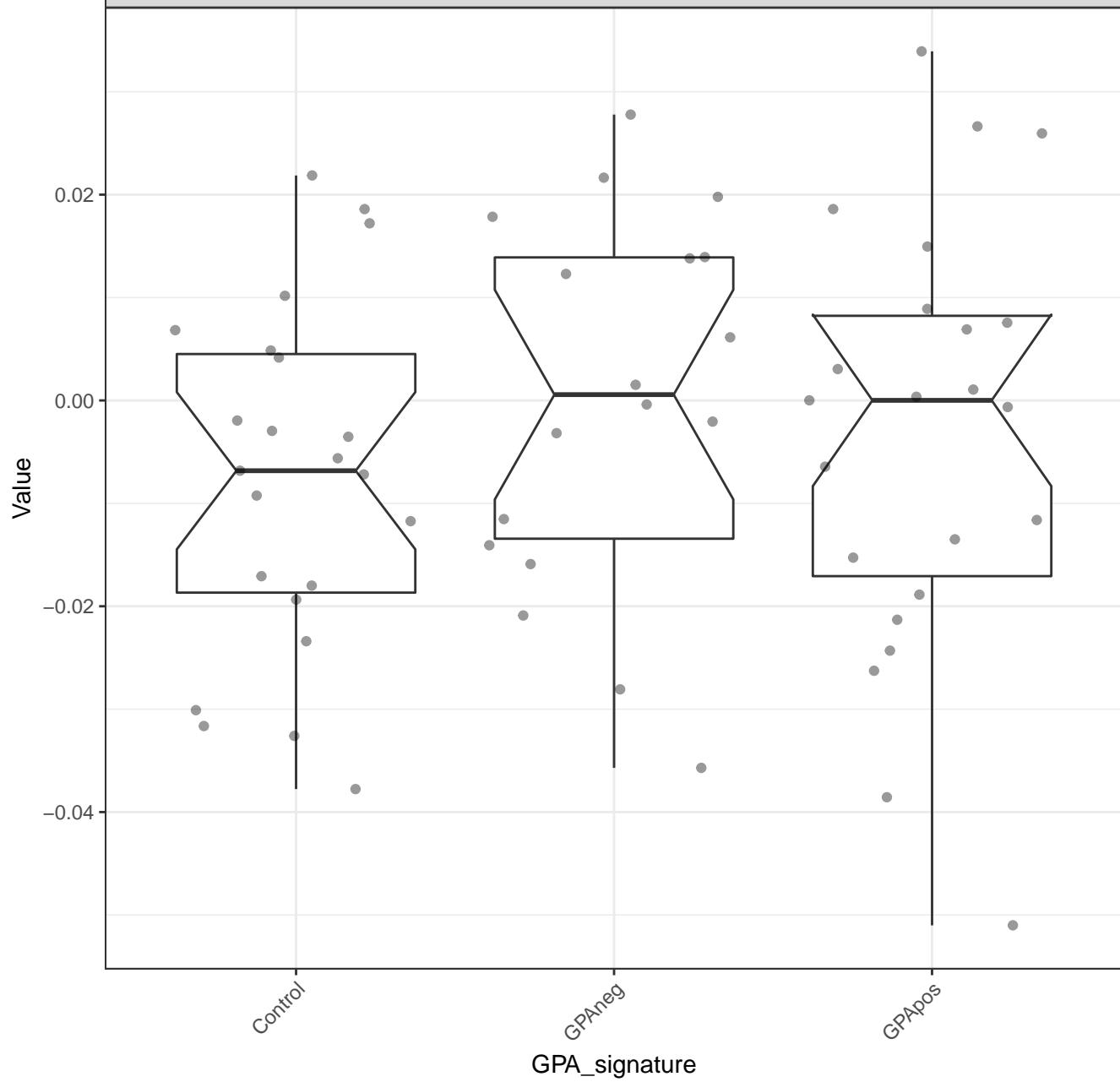
LV 587



LV 588

Value





LV 590

Value

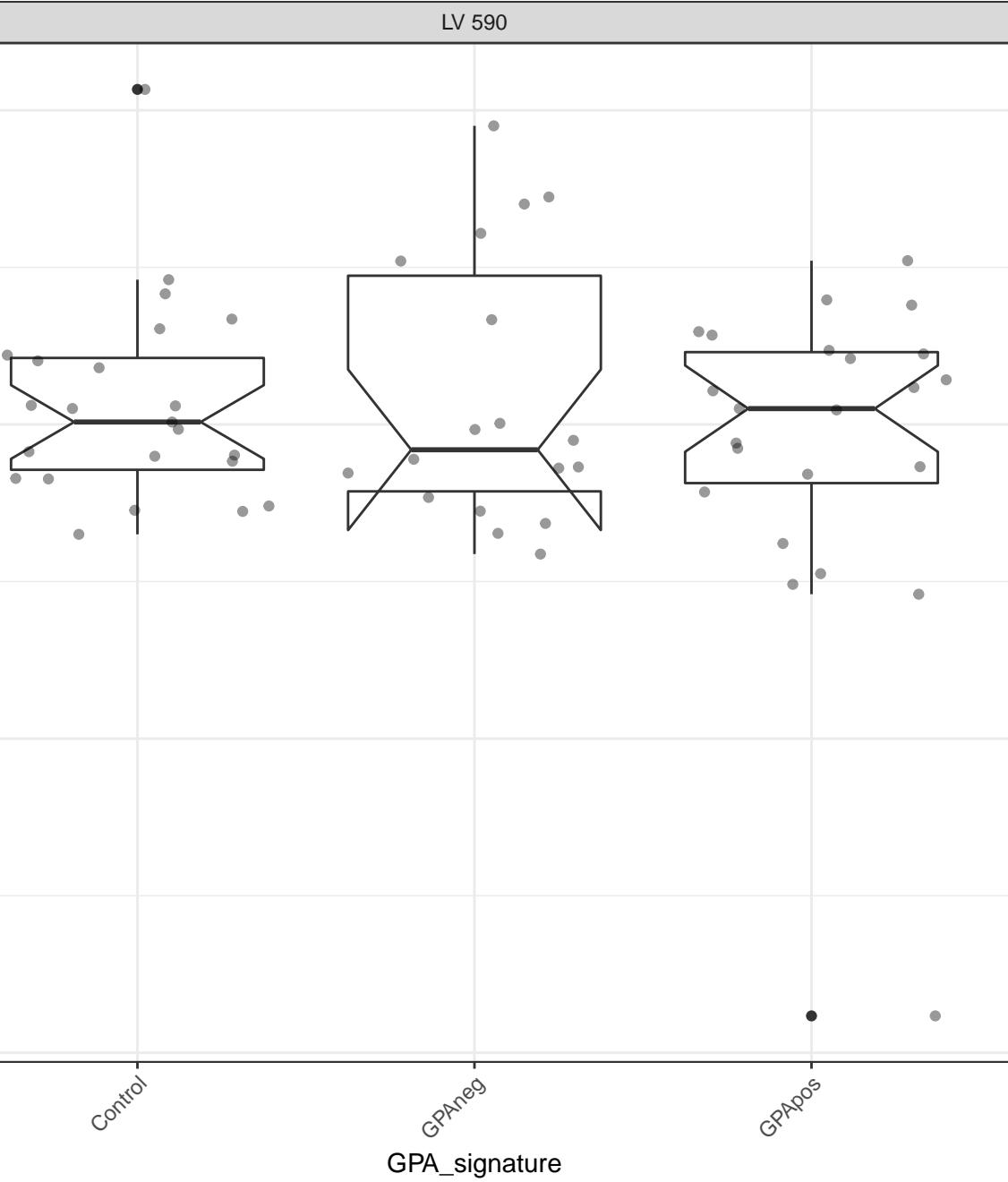
0.05
0.00
-0.05
-0.10

Control

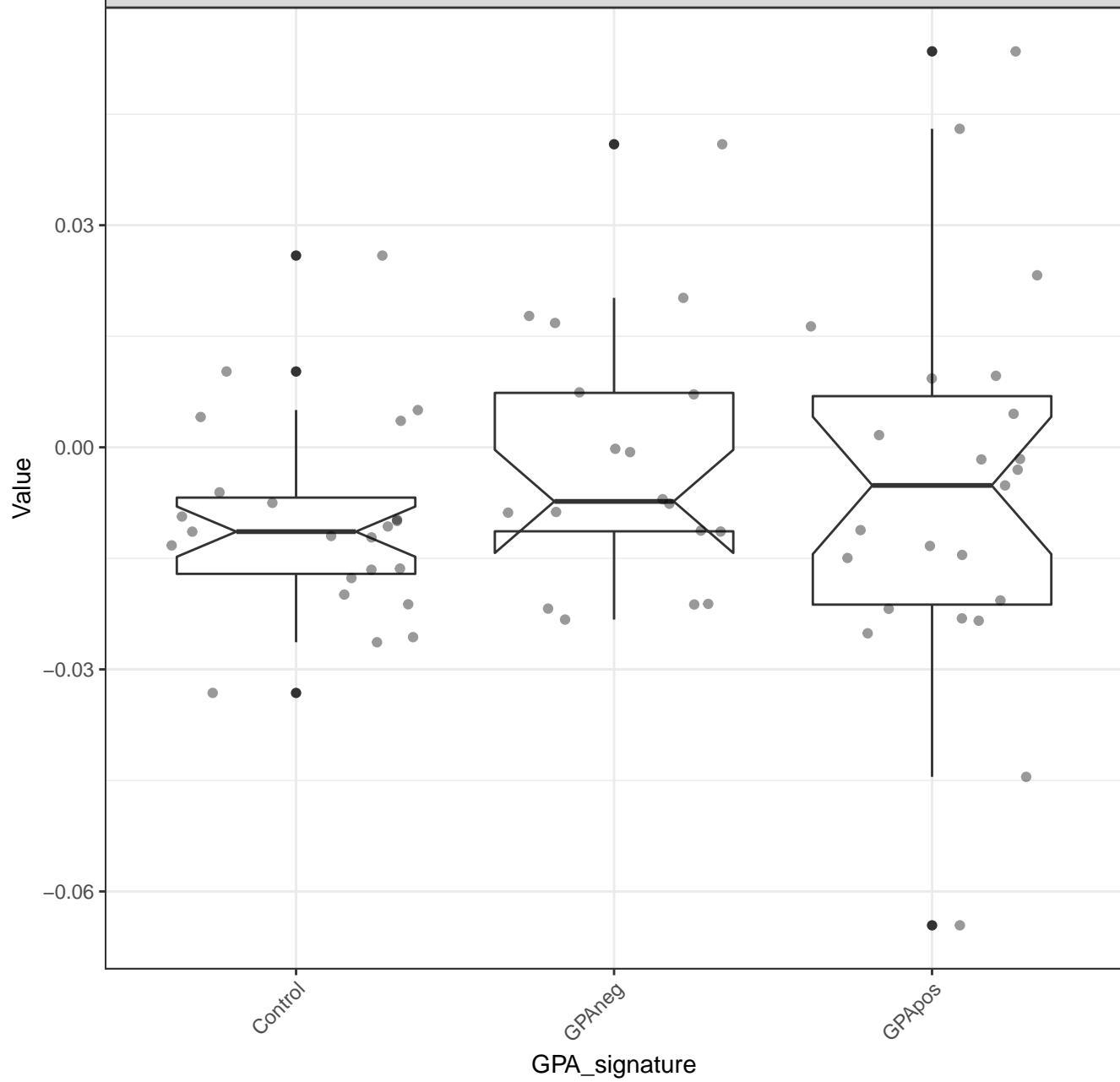
GPAneg

GPApos

GPA_signature



LV 591



LV 592

Value

0.05

0.00

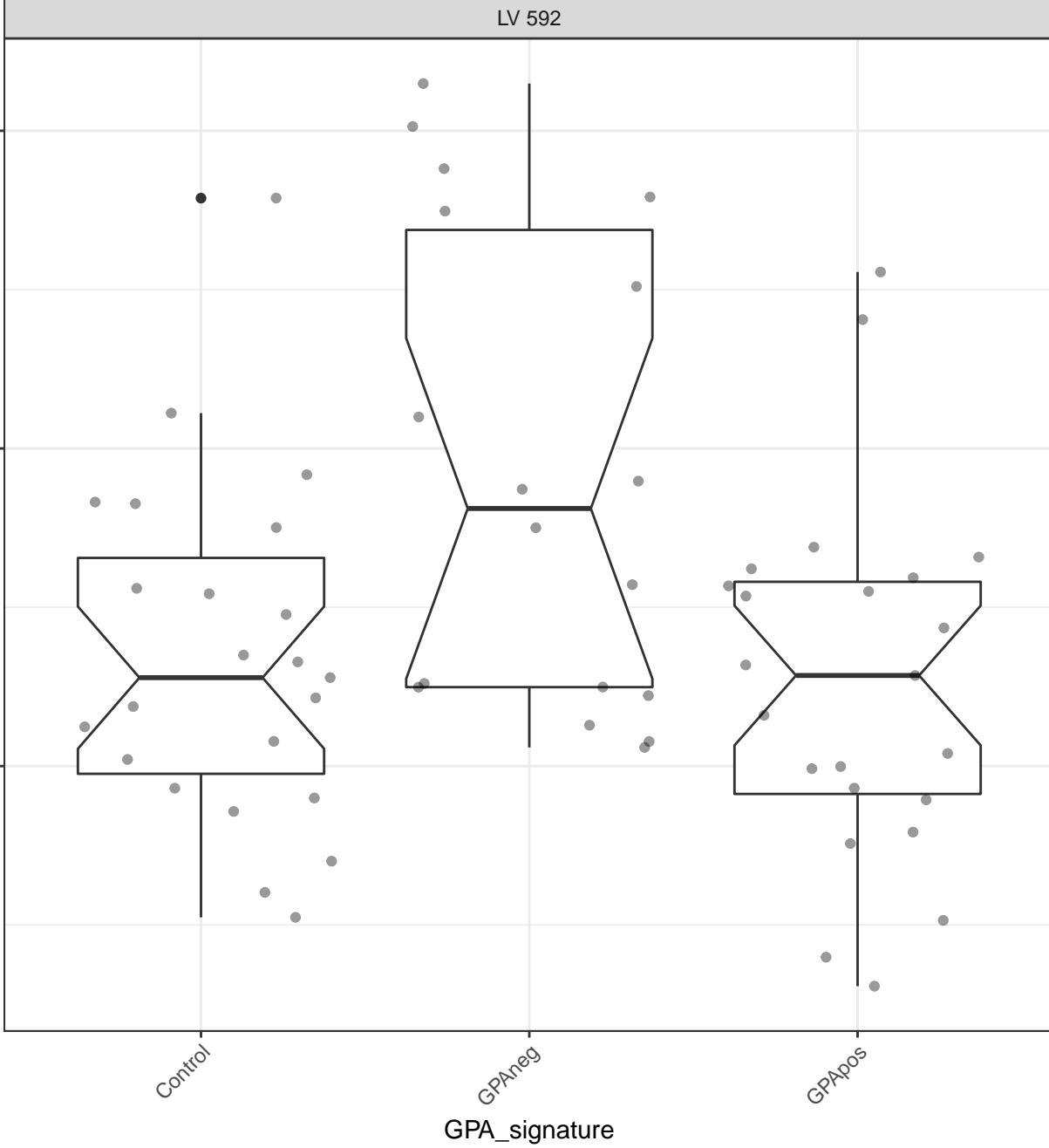
-0.05

Control

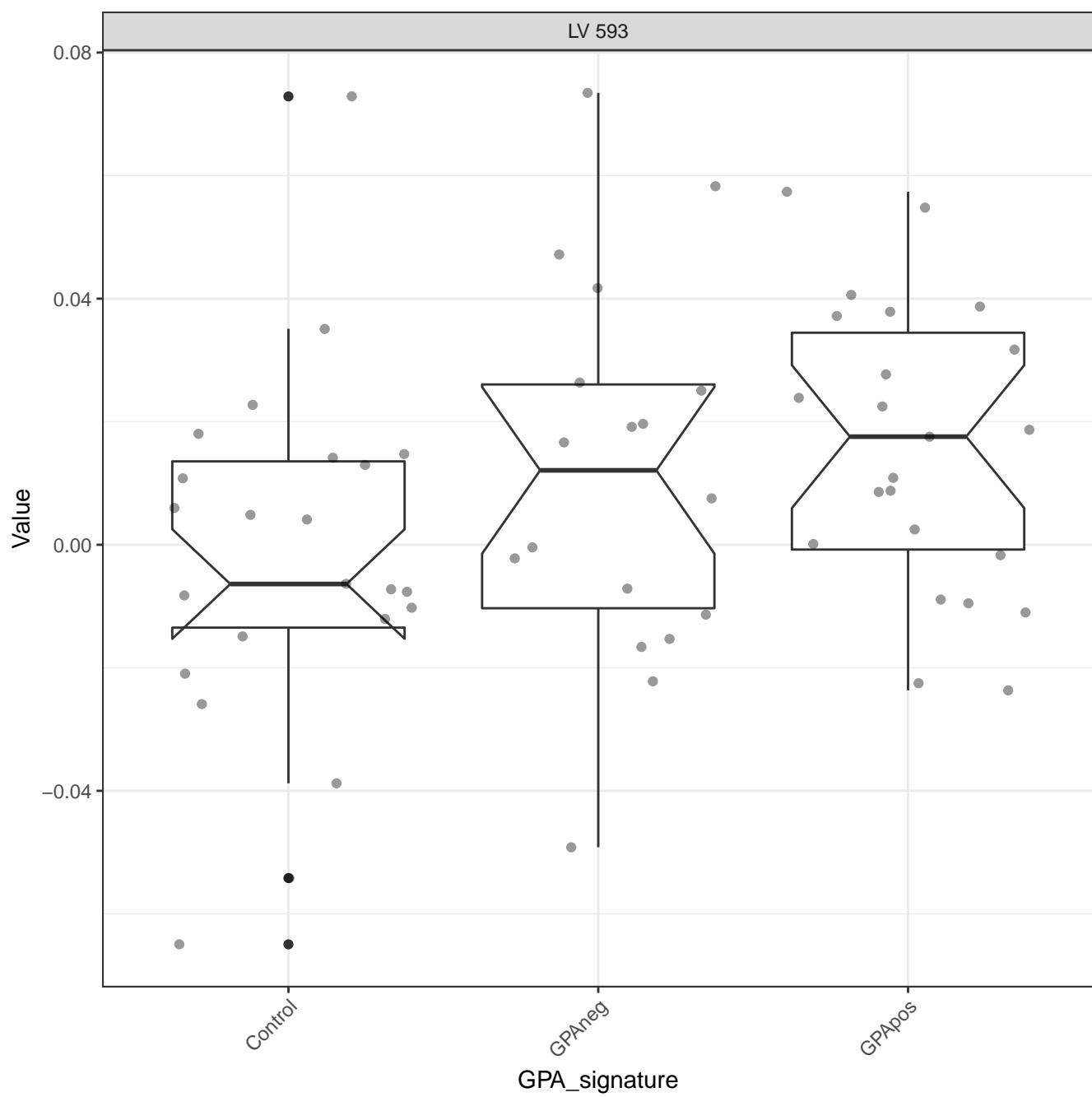
GPAneg

GPApos

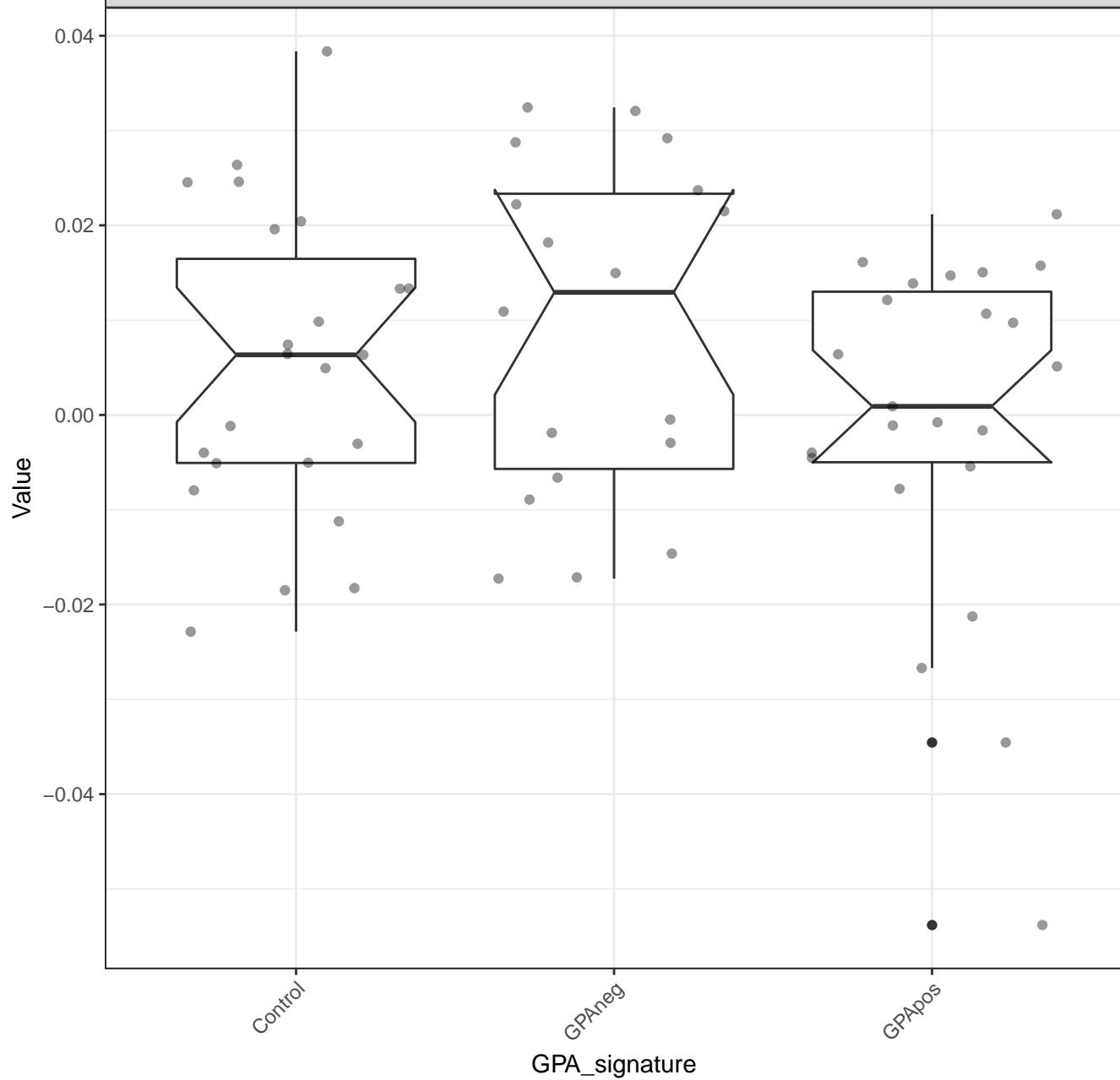
GPA_signature



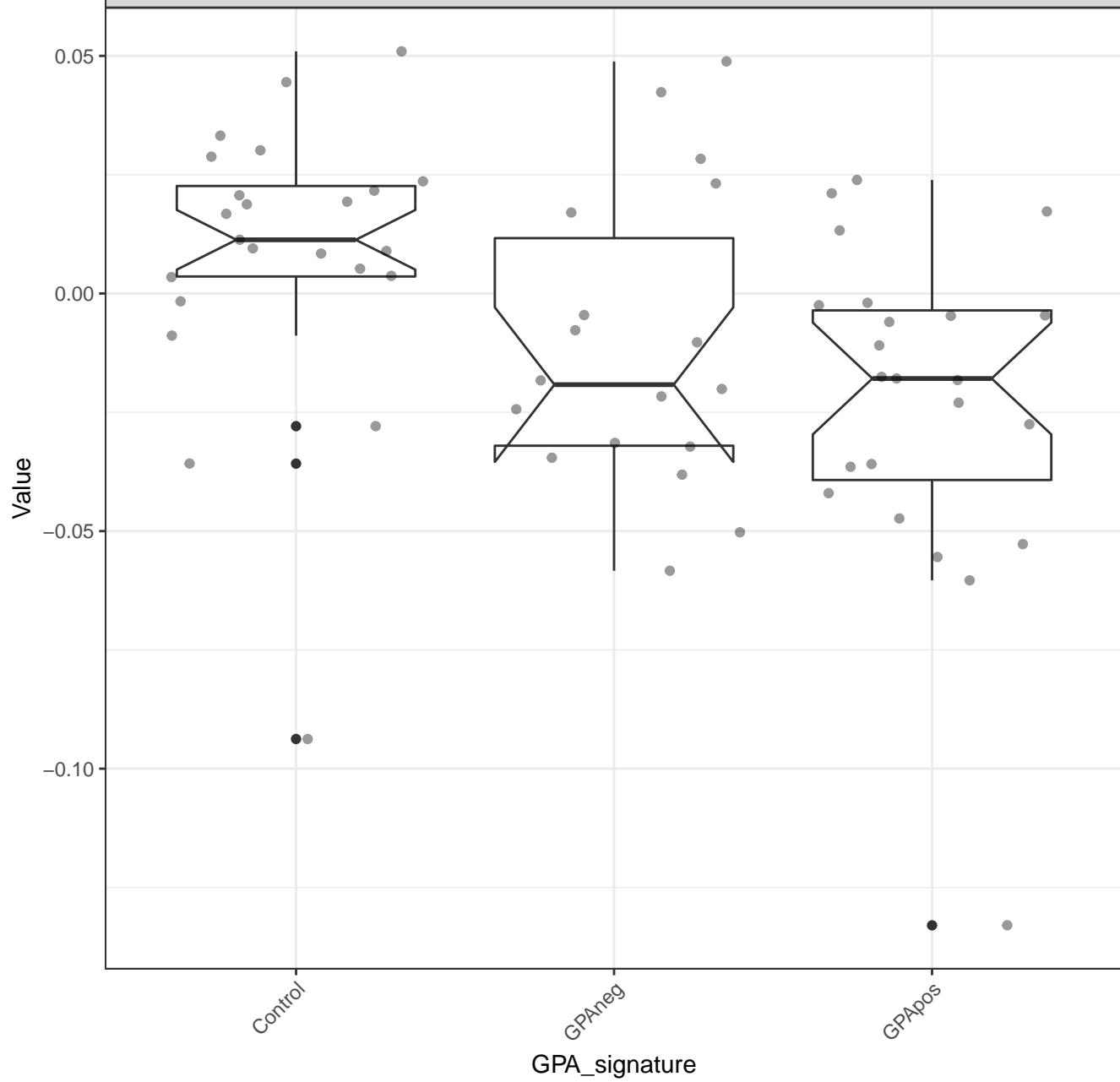
LV 593



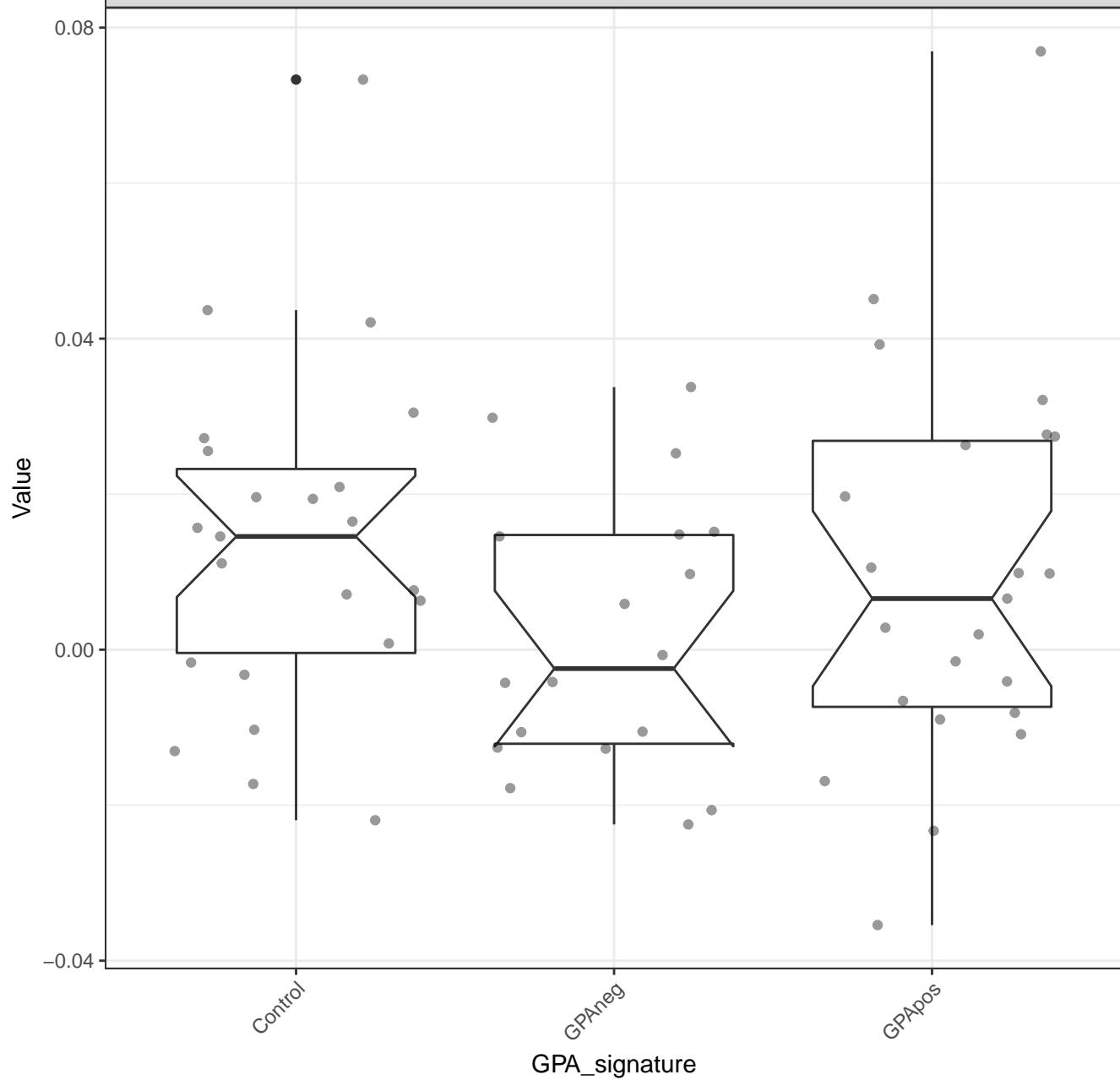
LV 594



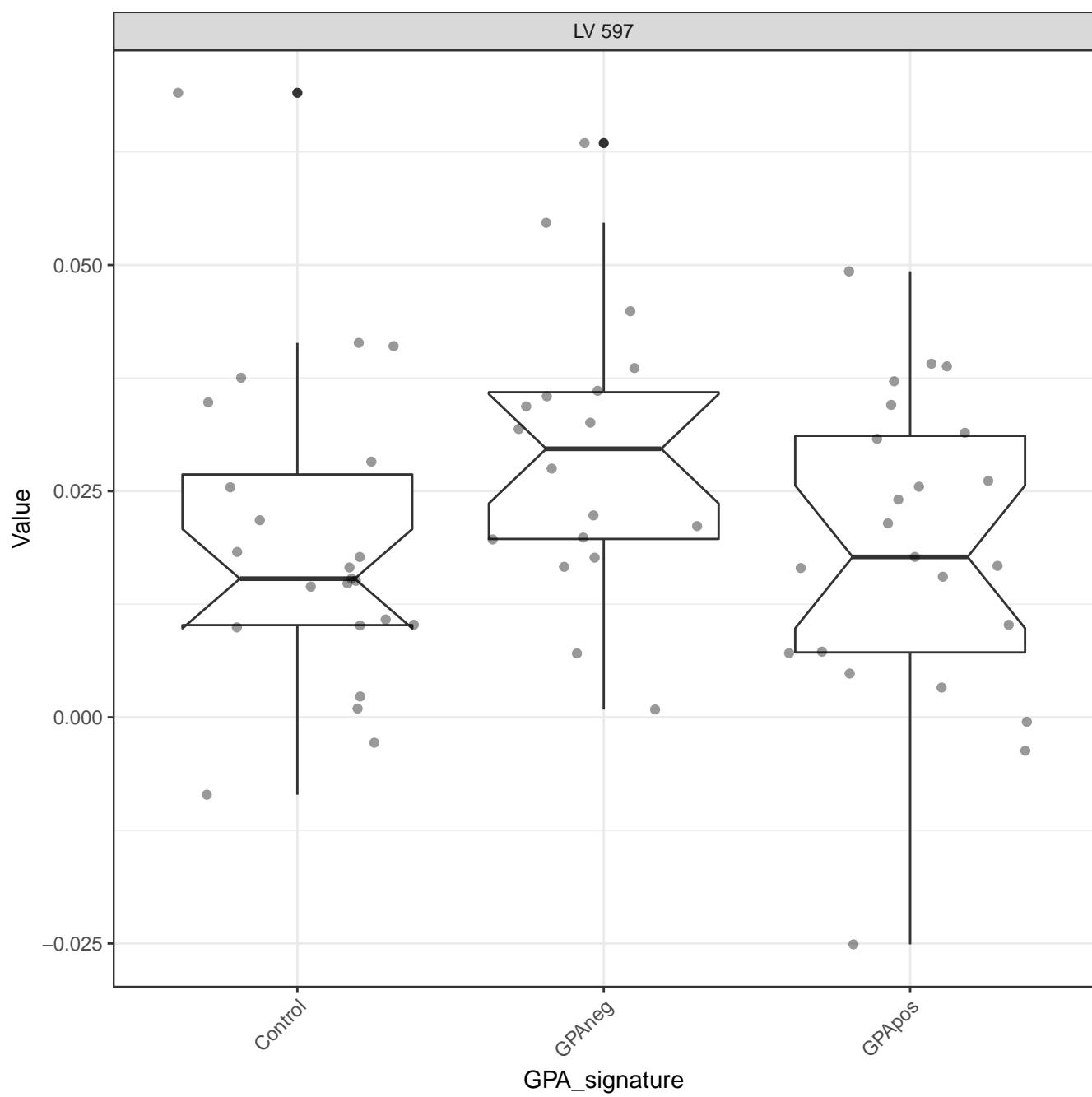
LV 595



LV 596

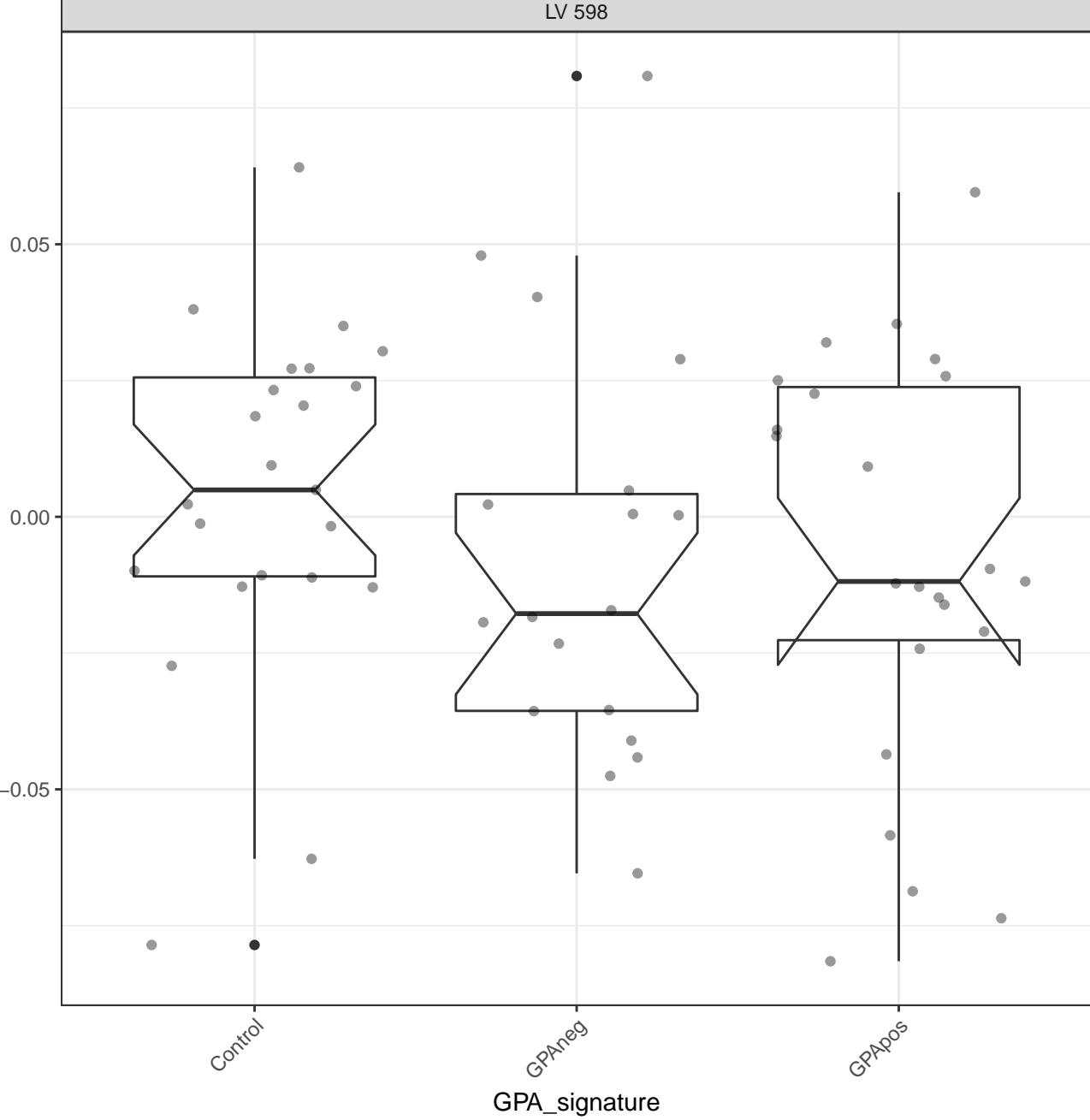


LV 597

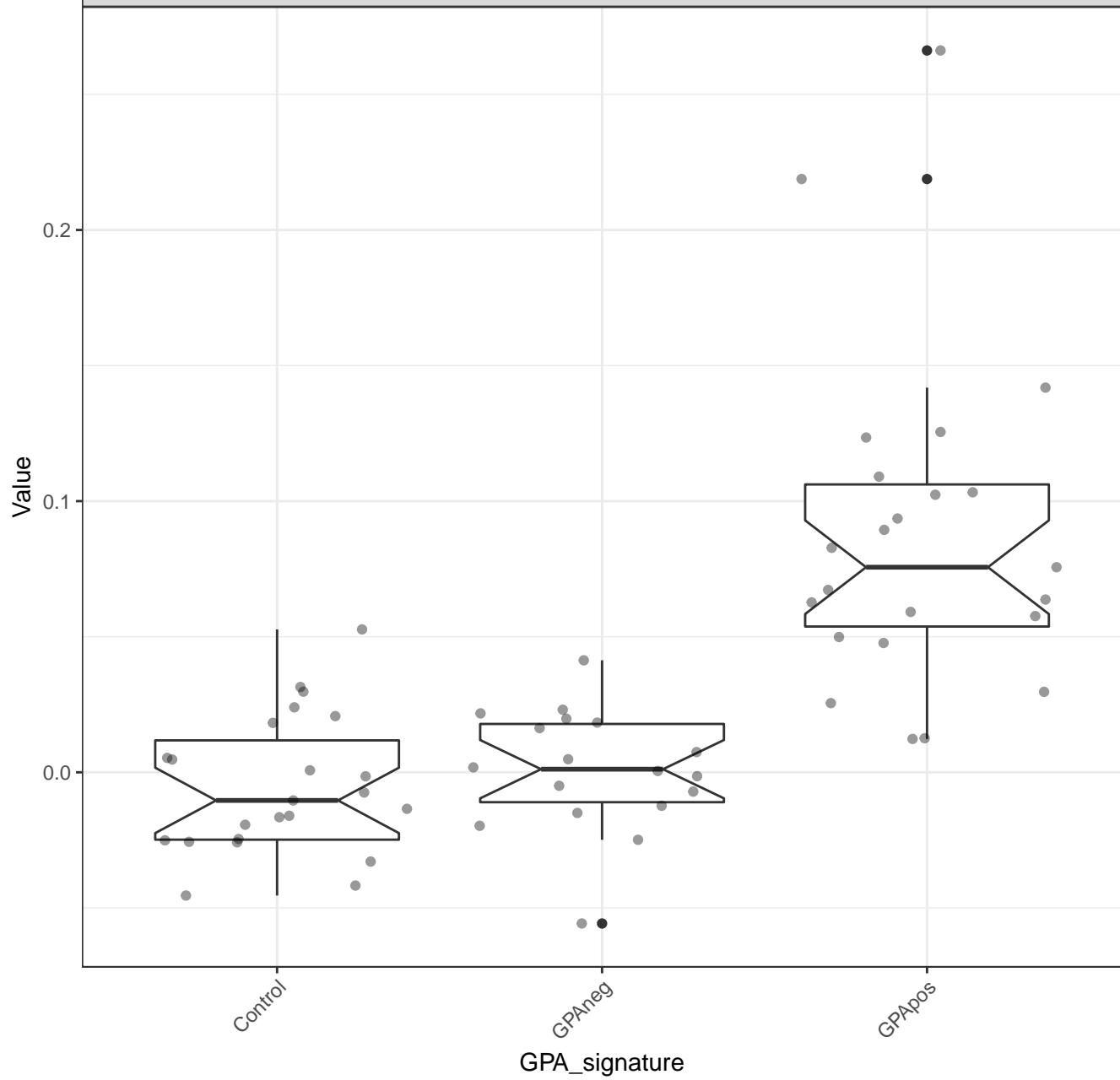


LV 598

Value



599,DMAP_ERY2



LV 600

Value

0.04

0.00

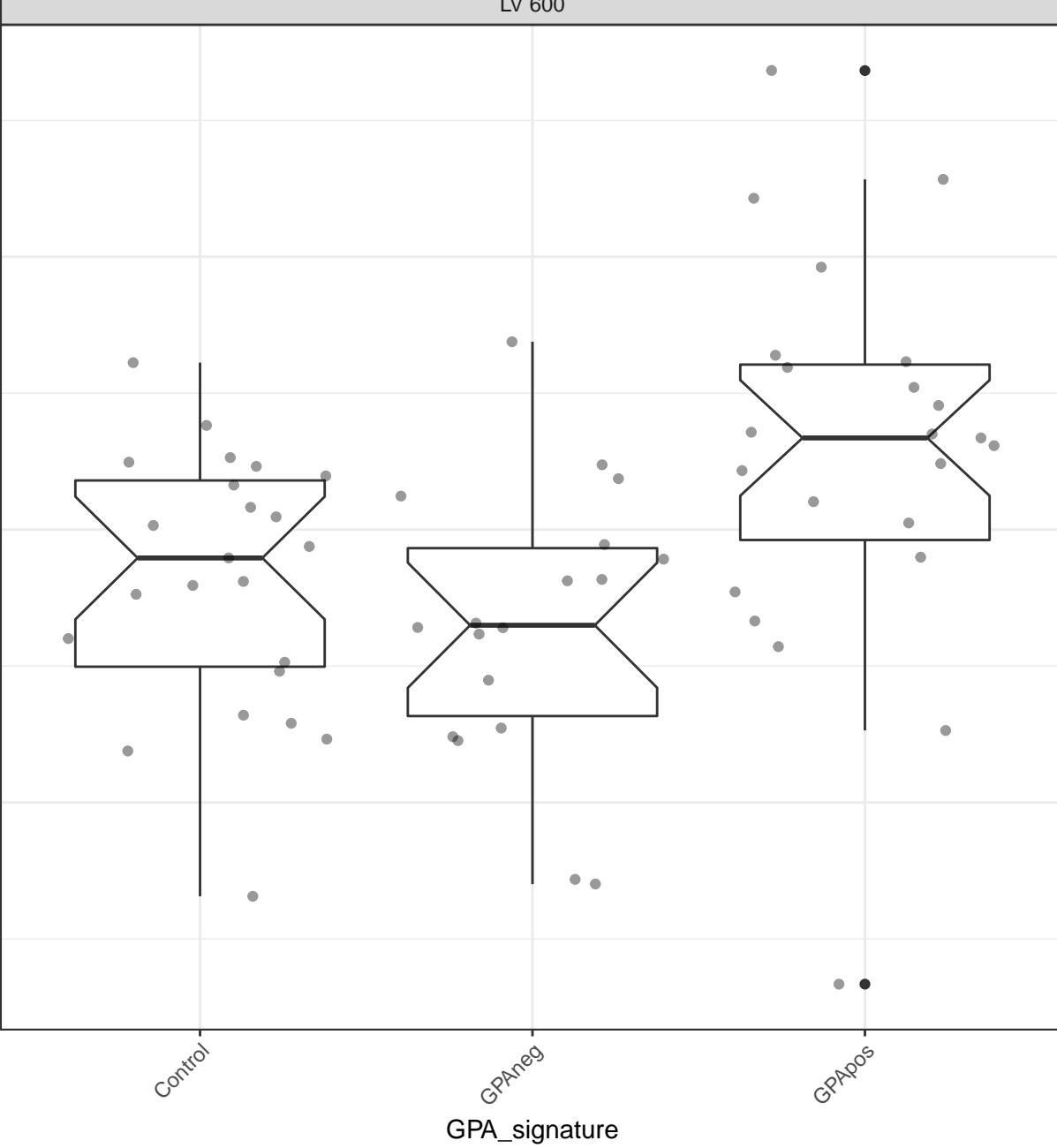
-0.04

Control

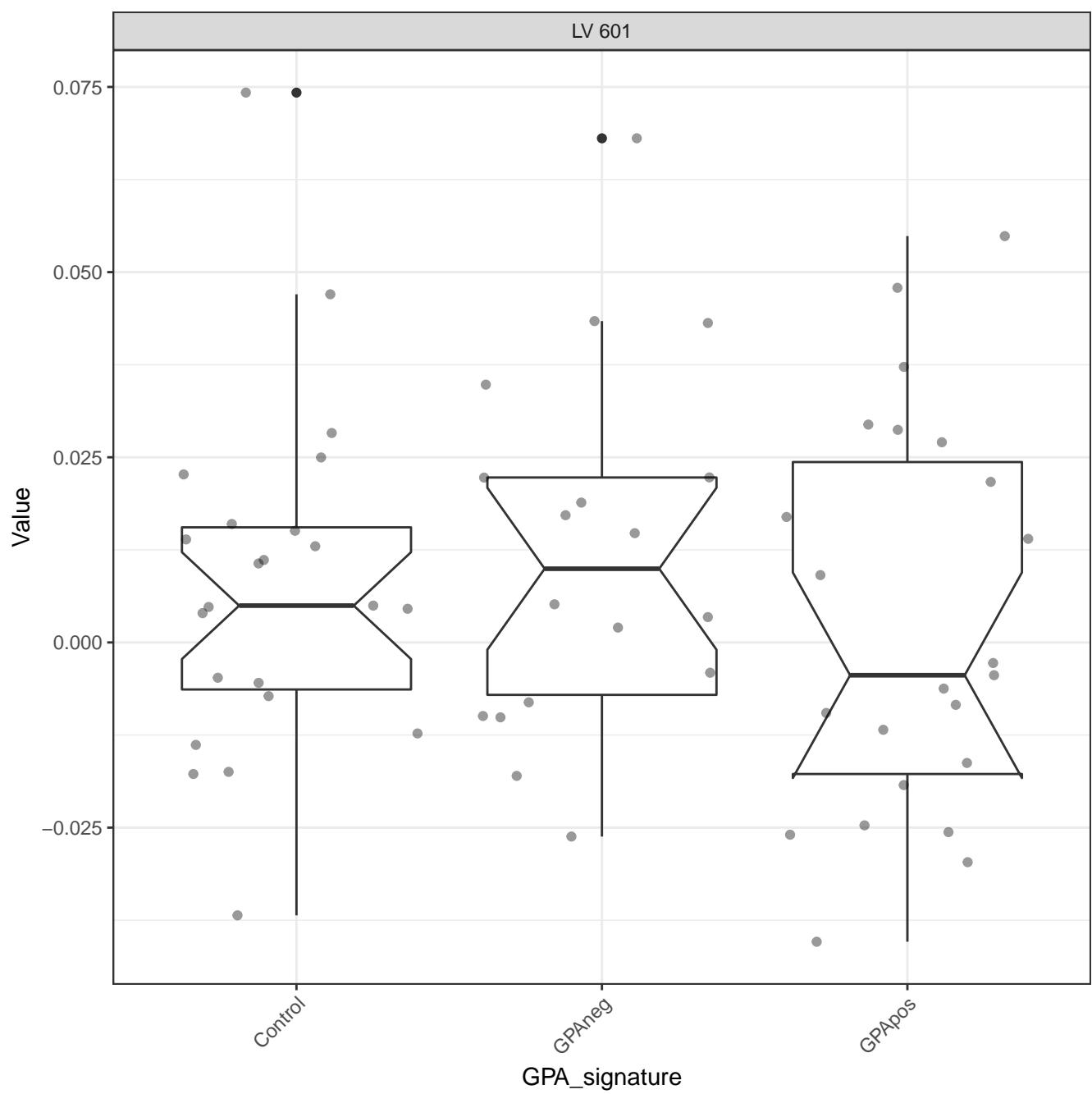
GPA_signature

GPAneg

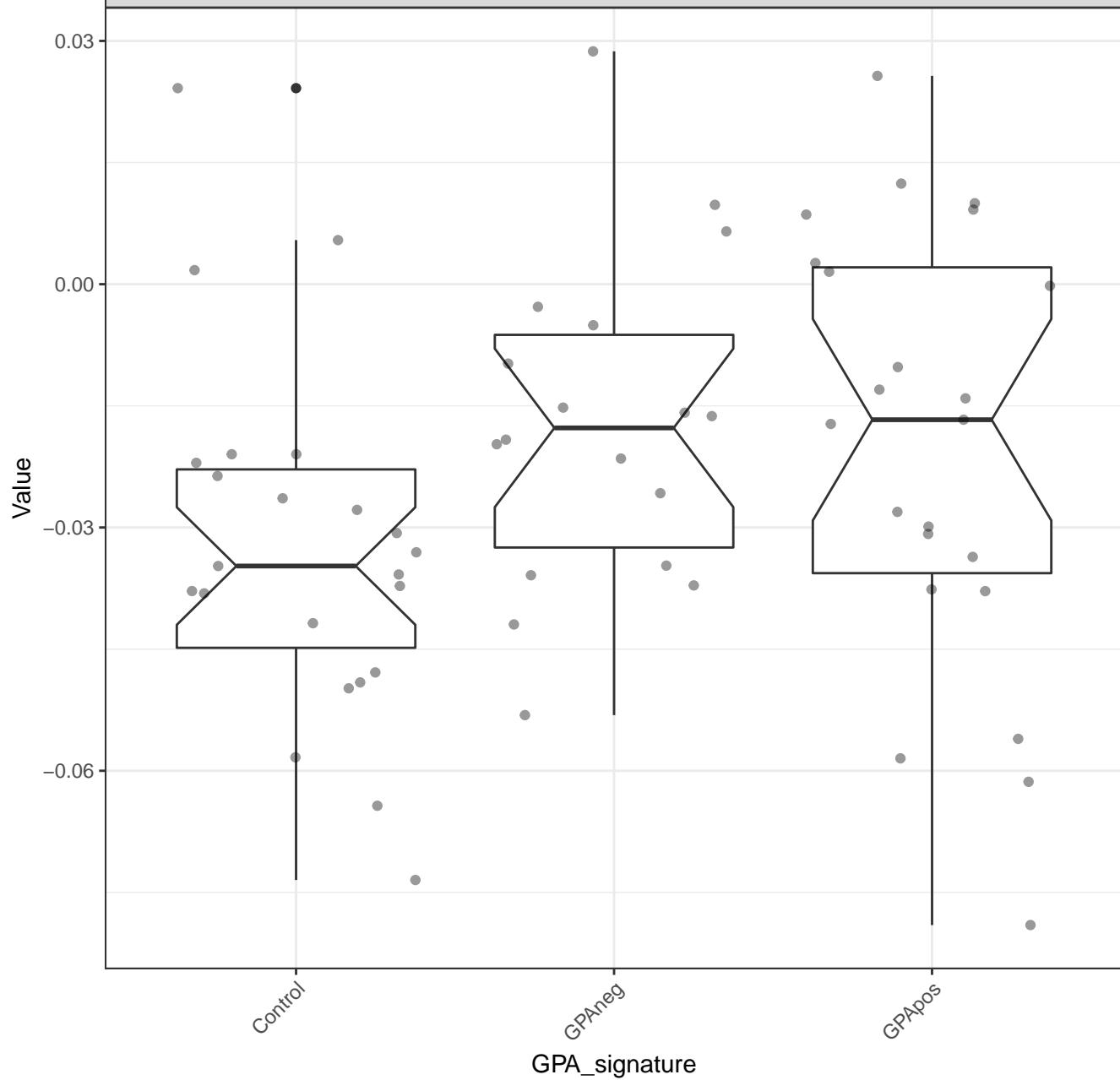
GPApos



LV 601



LV 602



603,SVM Neutrophils

Value

-0.10

-0.15

-0.20

-0.25

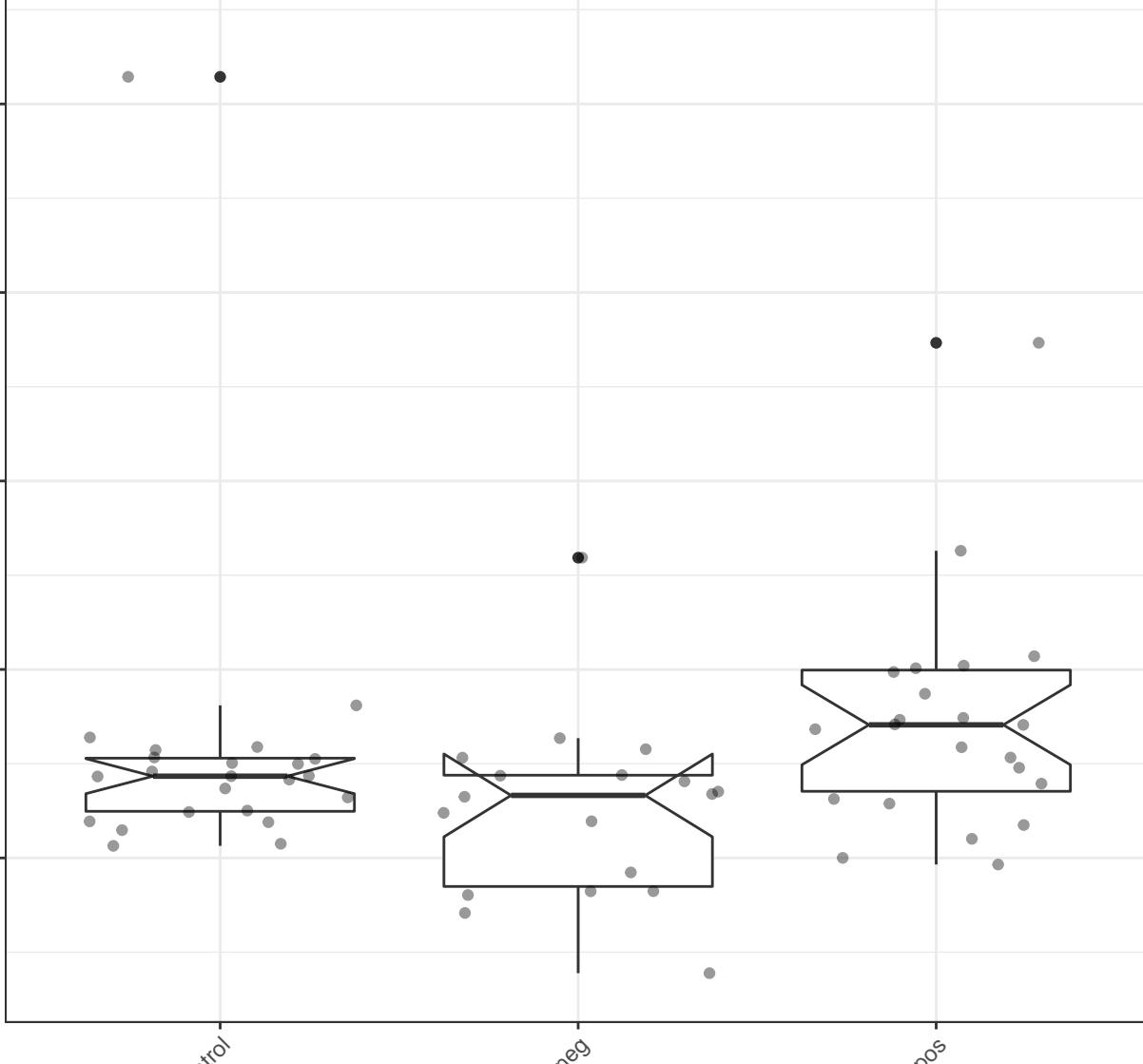
-0.30

Control

GPAneg

GPAPos

GPA_signature



LV 604

Value

0.06

0.03

0.00

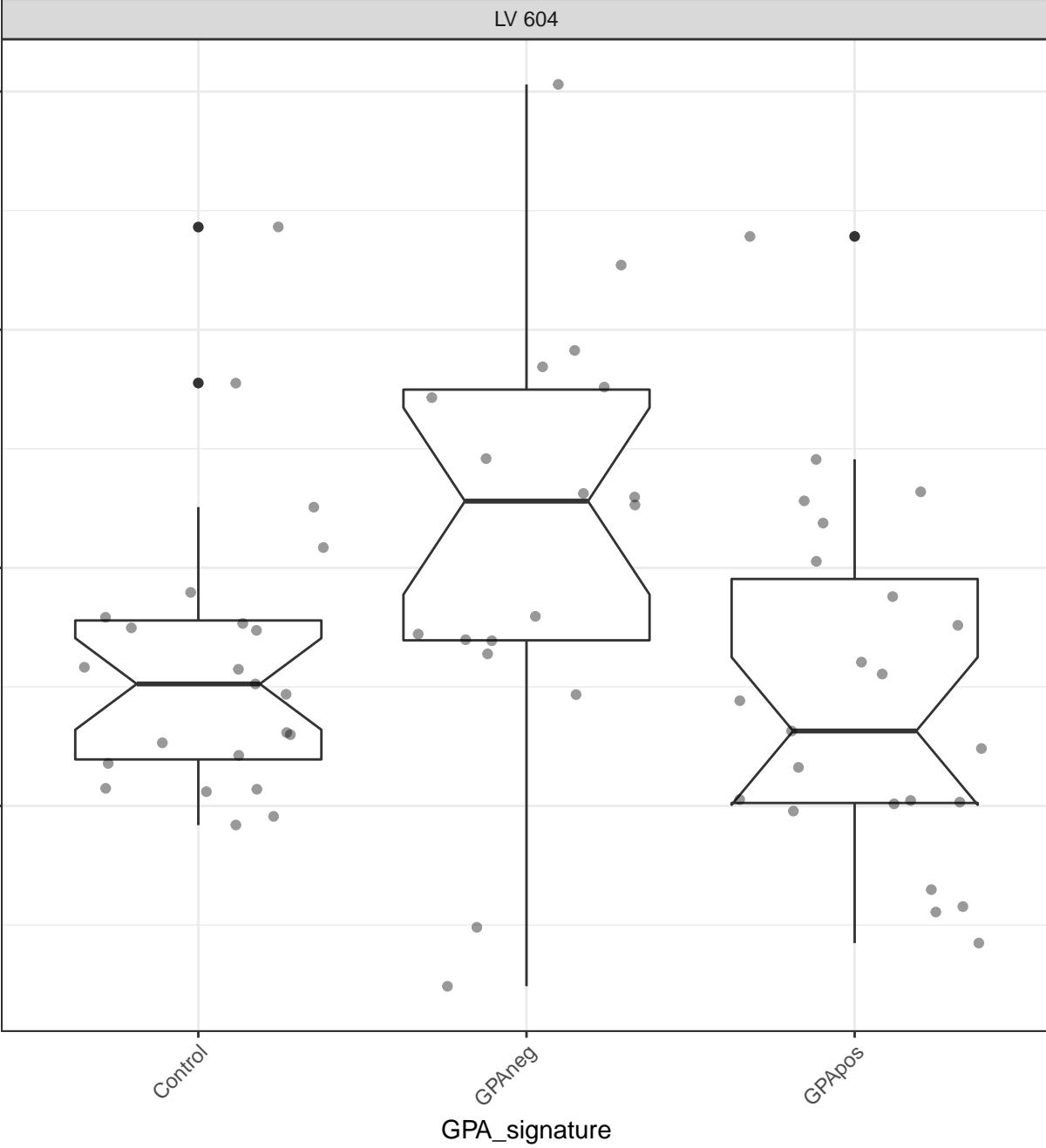
-0.03

Control

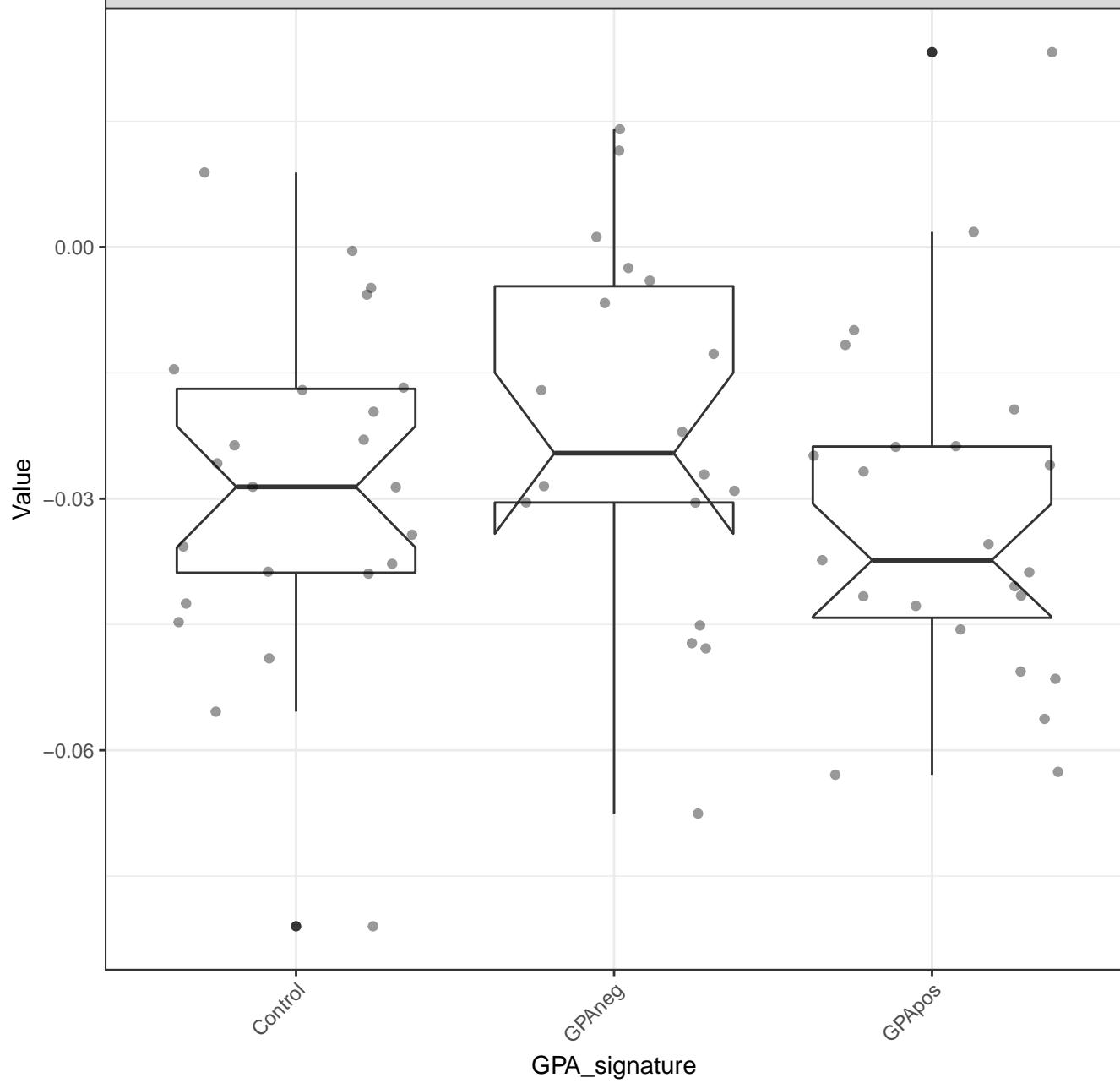
GPAneg

GPAPos

GPA_signature



605,ST_B_CELL_ANTIGEN_RECECTOR



LV 606

Value

0.05

0.00

-0.05

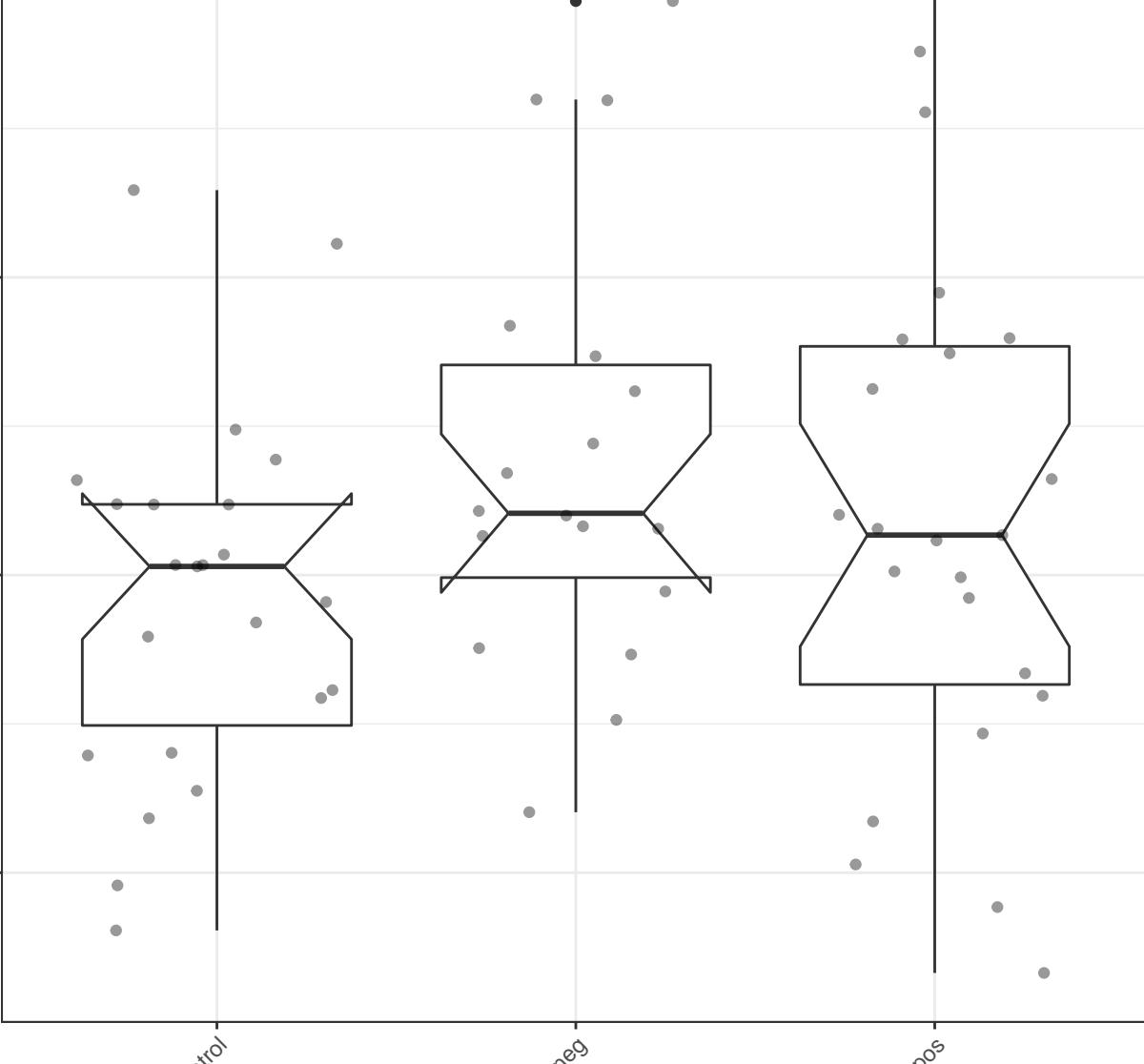
-0.10

Control

GPA_signature

GPAneg

GPApos



LV 607

Value

0.05

0.01

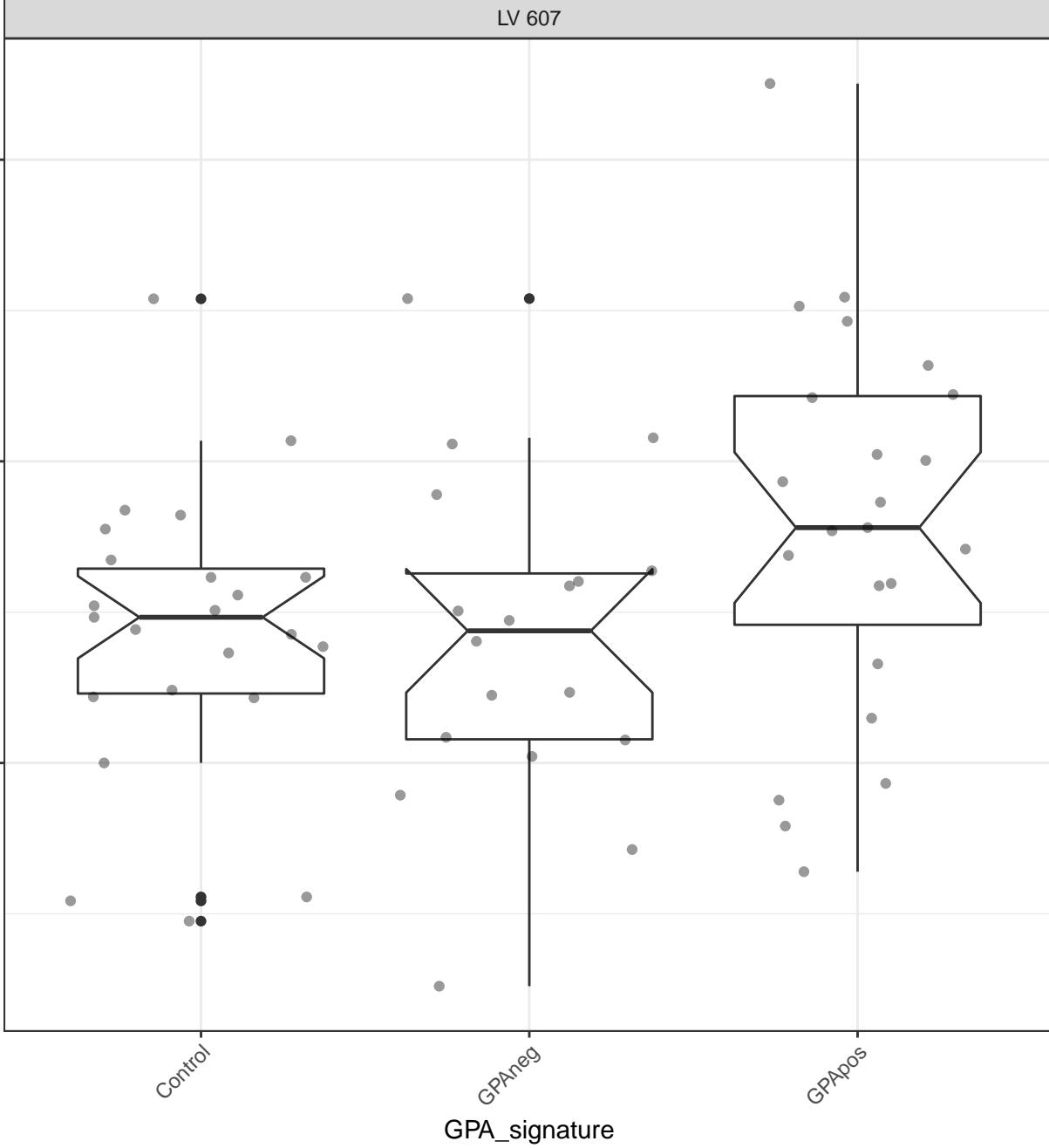
-0.05

Control

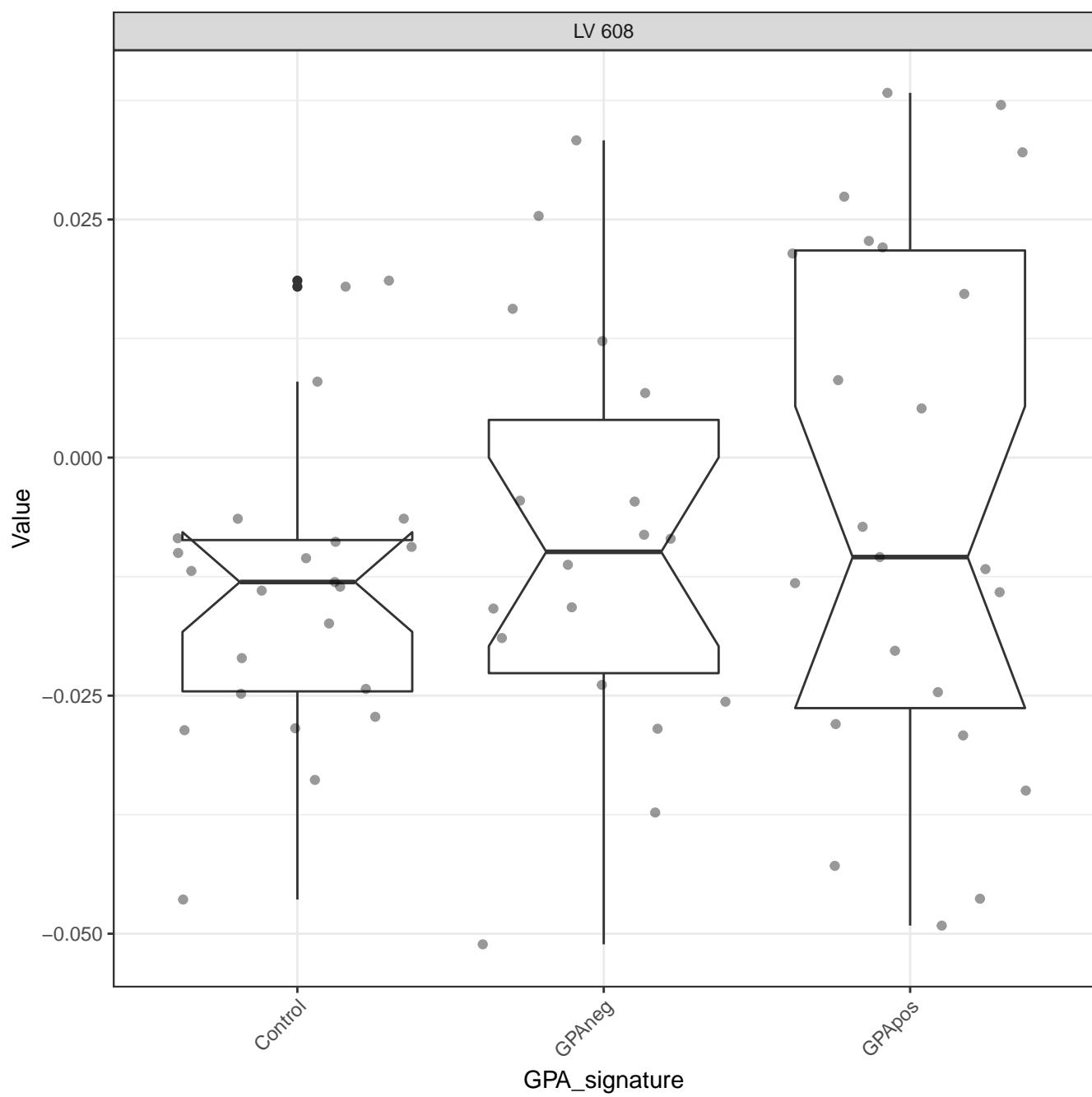
GPA_signature

GPAneg

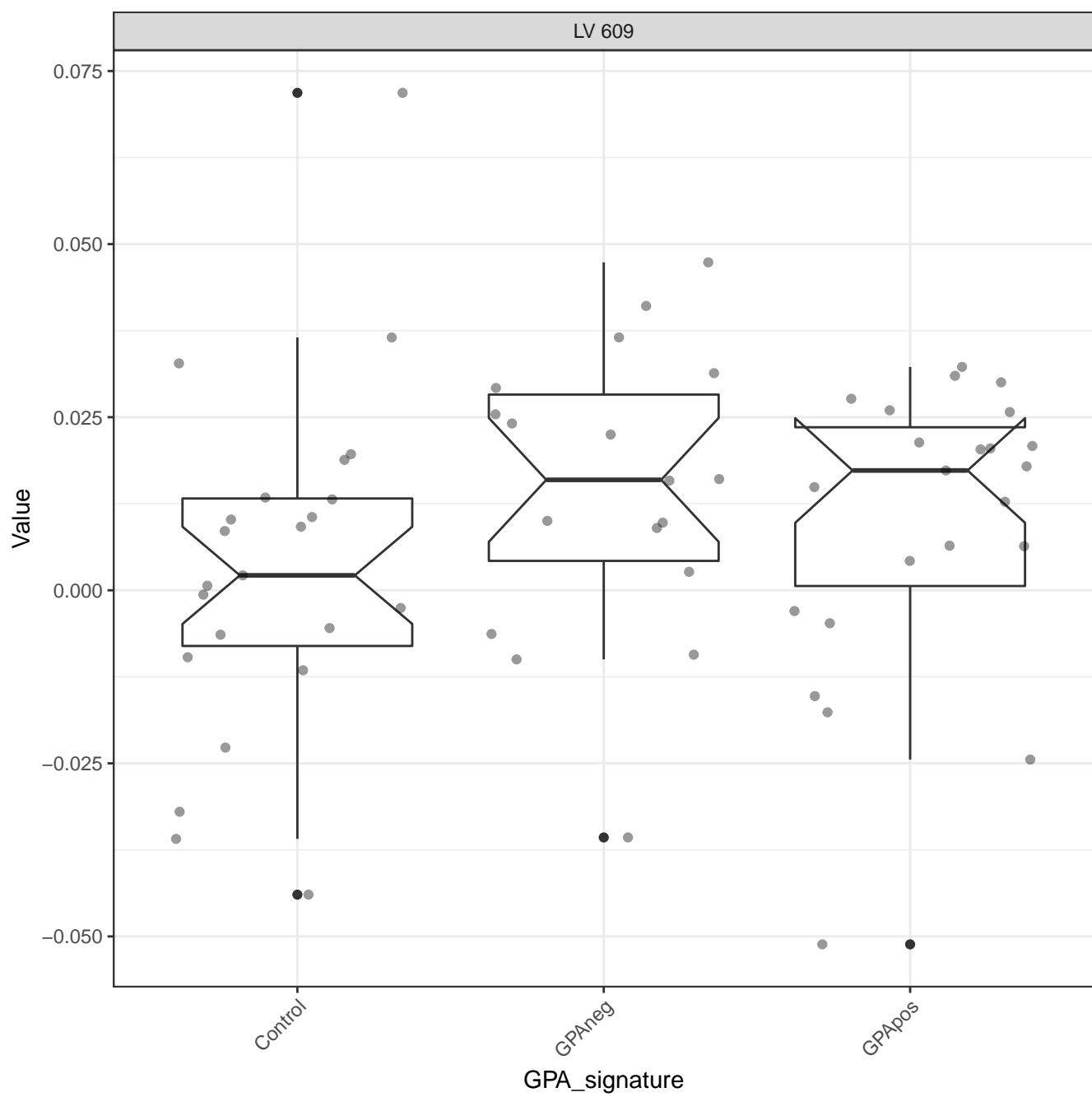
GPAPos



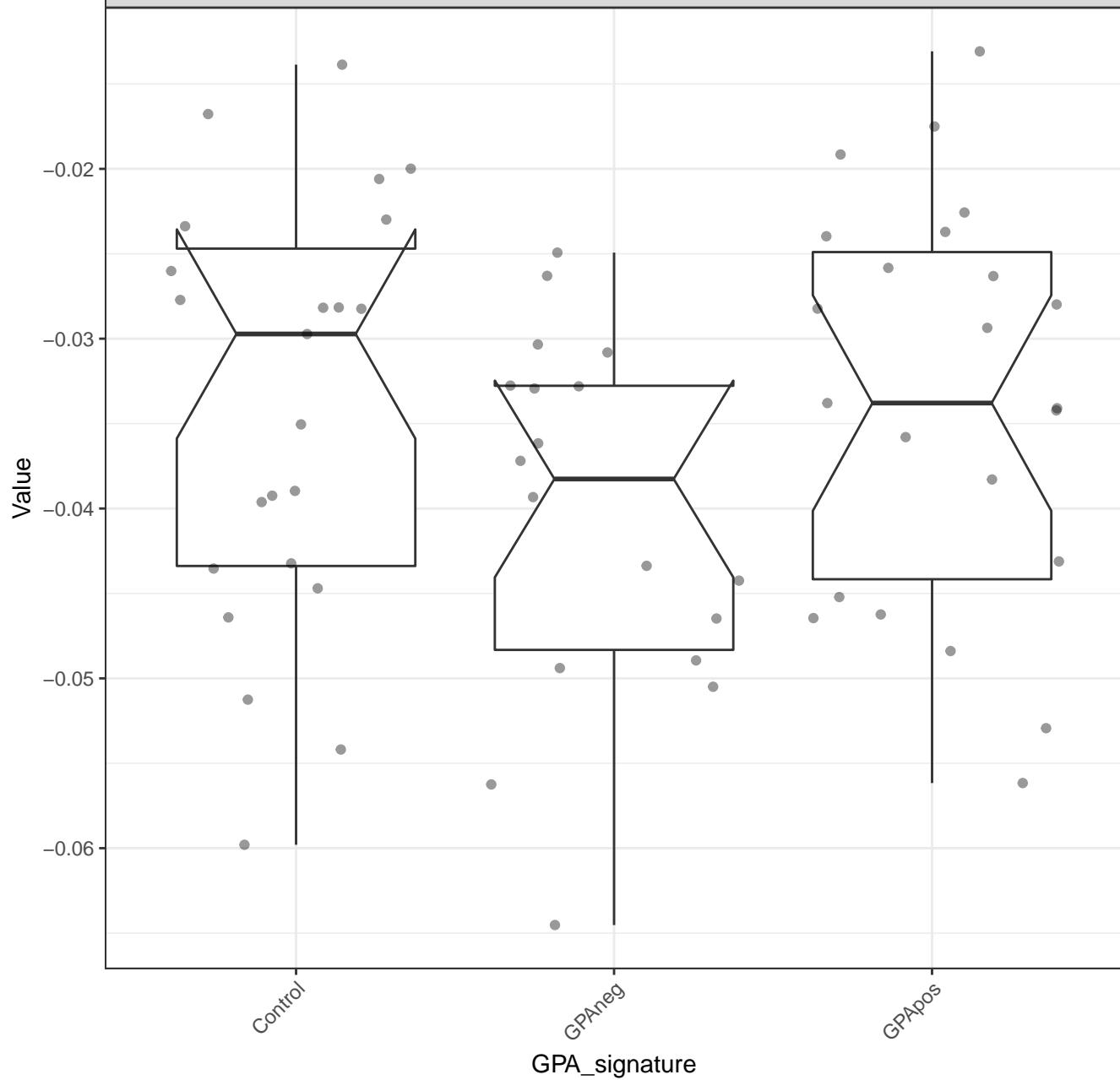
LV 608



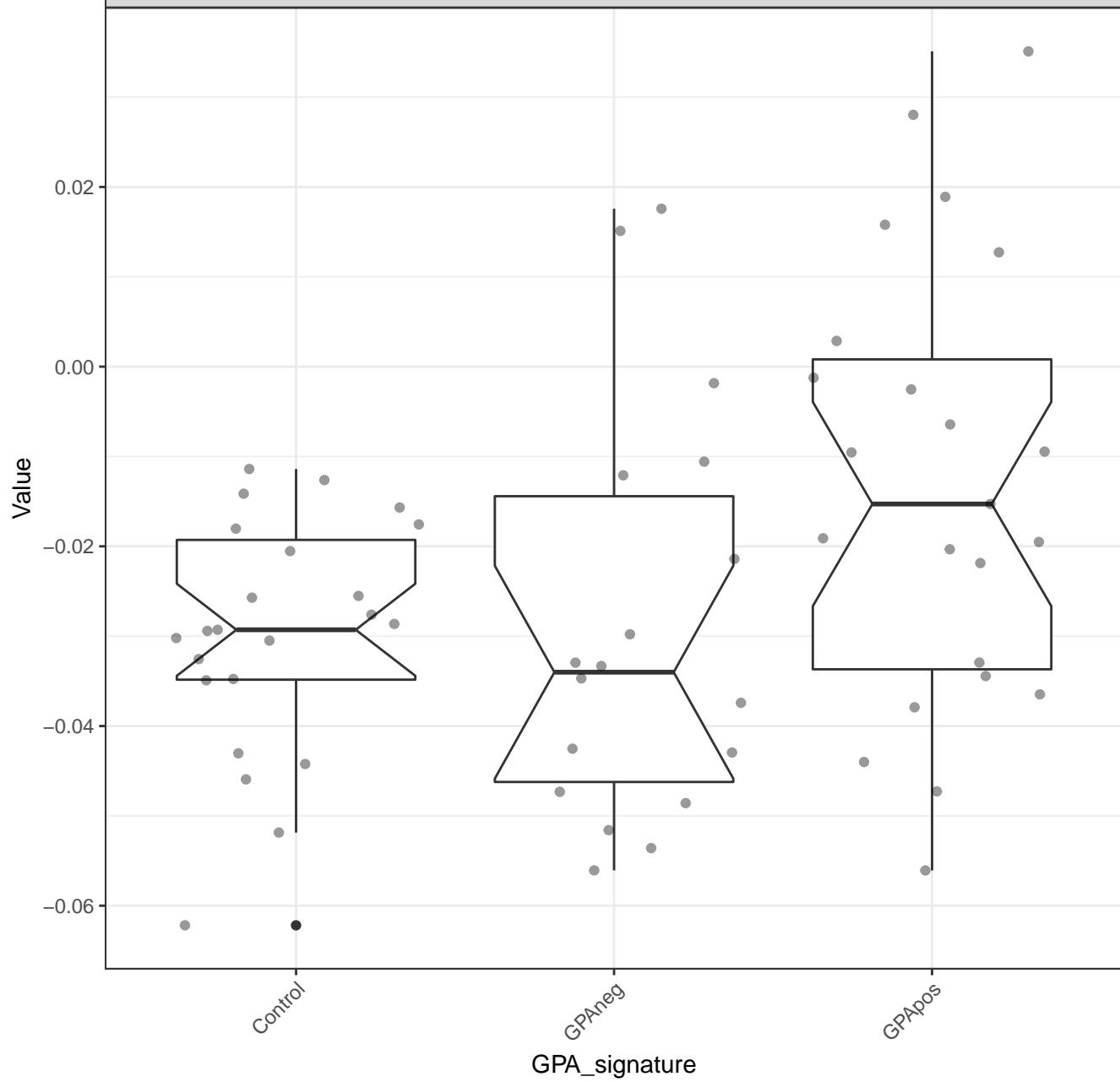
LV 609



LV 610



LV 611



612,REACTOME_GAB1_SIGNALOSOME

Value

0.00

-0.05

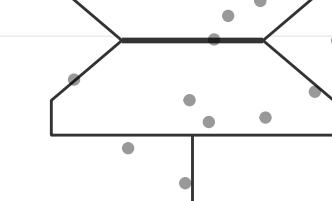
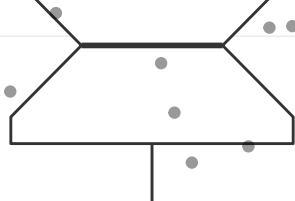
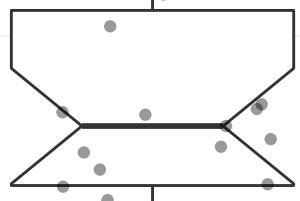
-0.10

Control

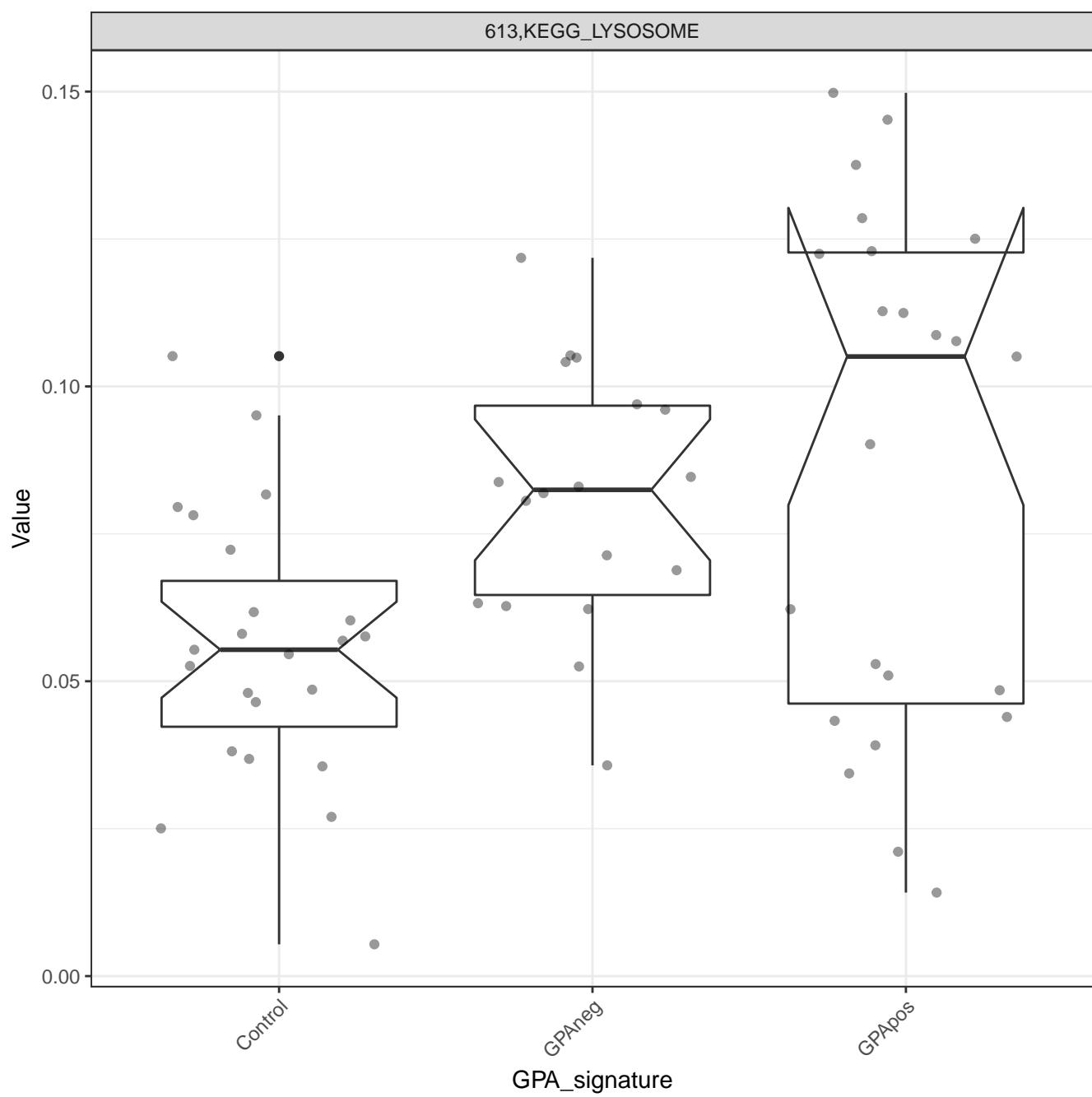
GPA_signature

GPNeg

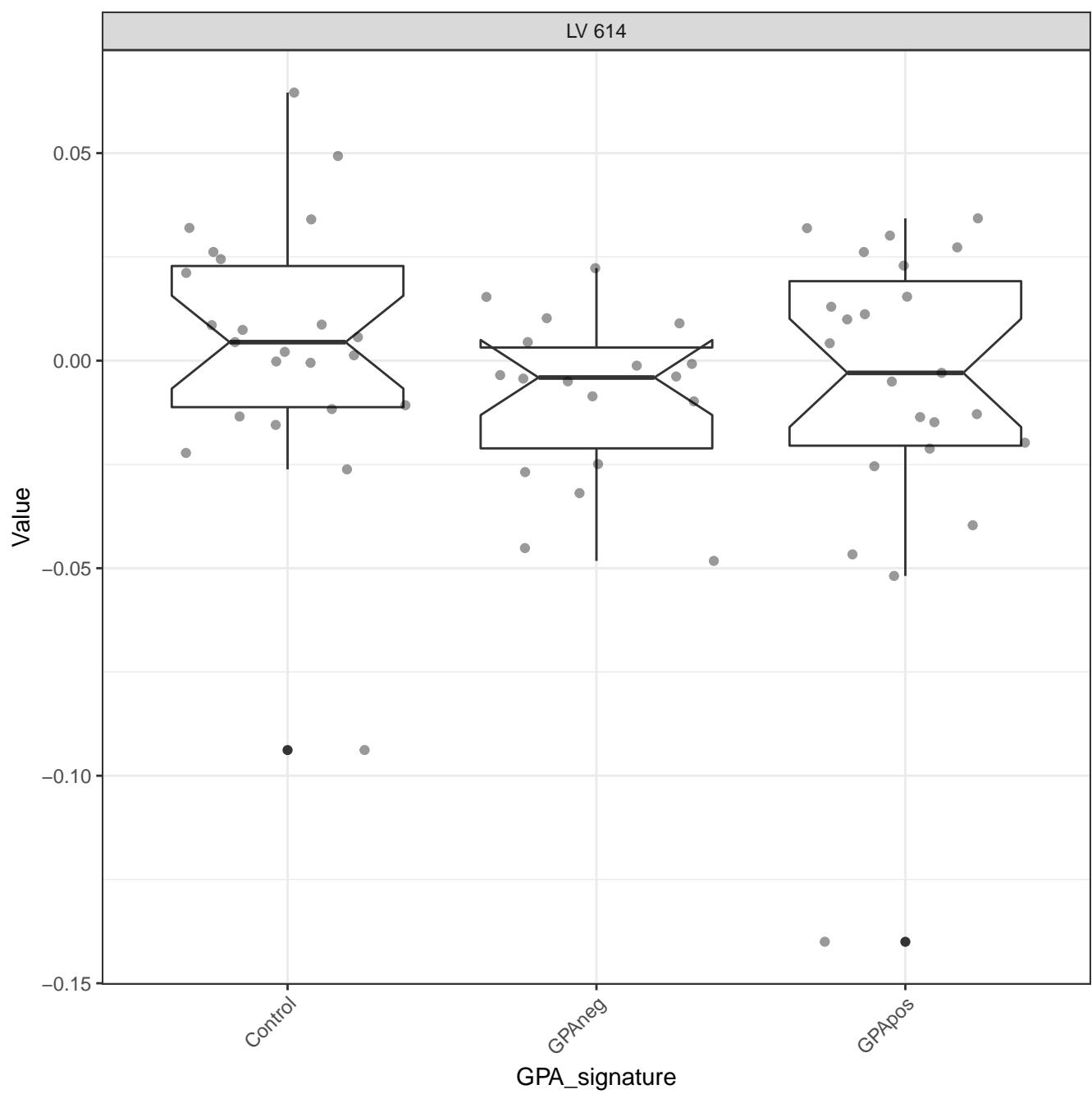
GPAPos



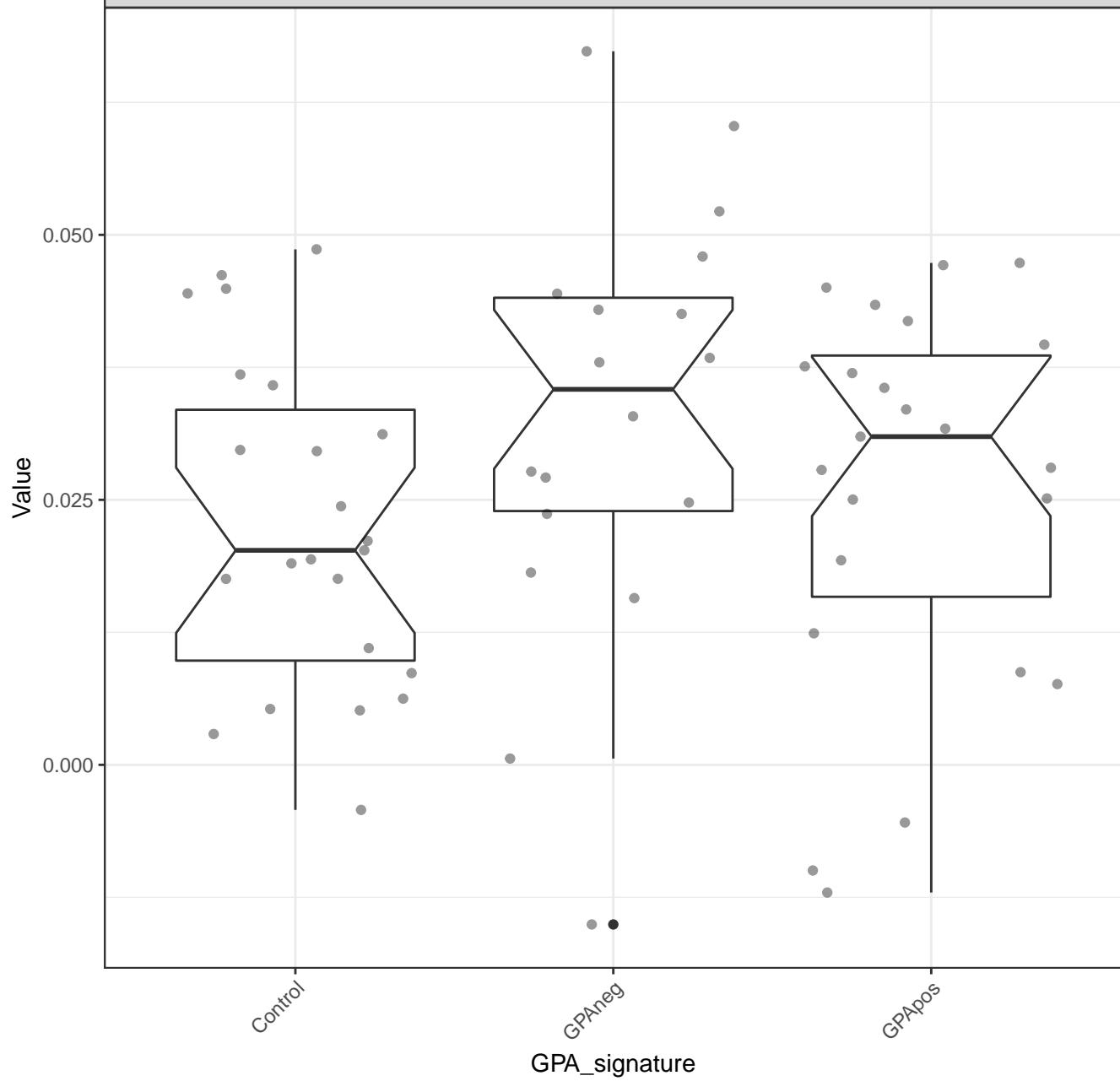
613,KEGG_LYSOSOME



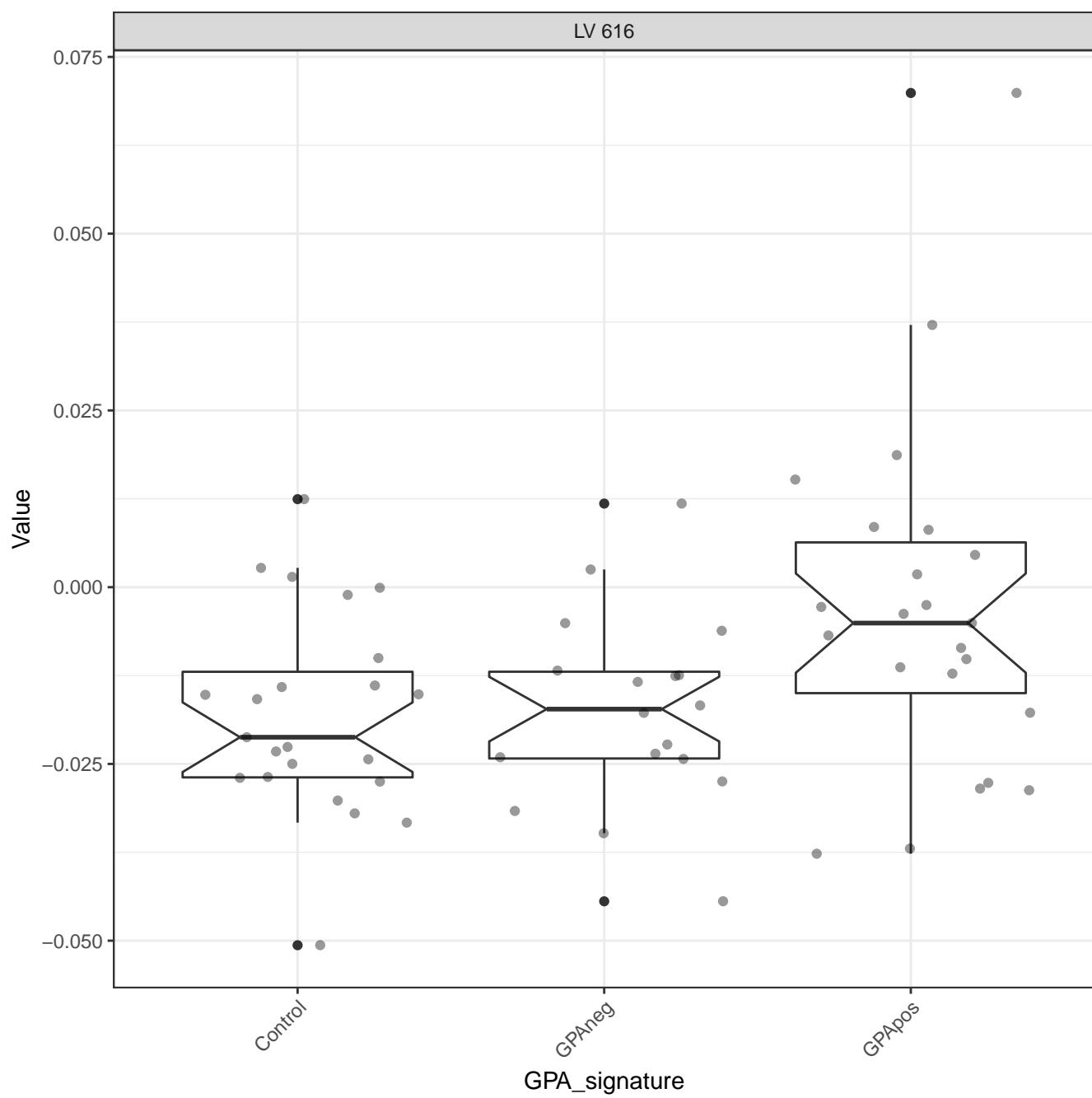
LV 614



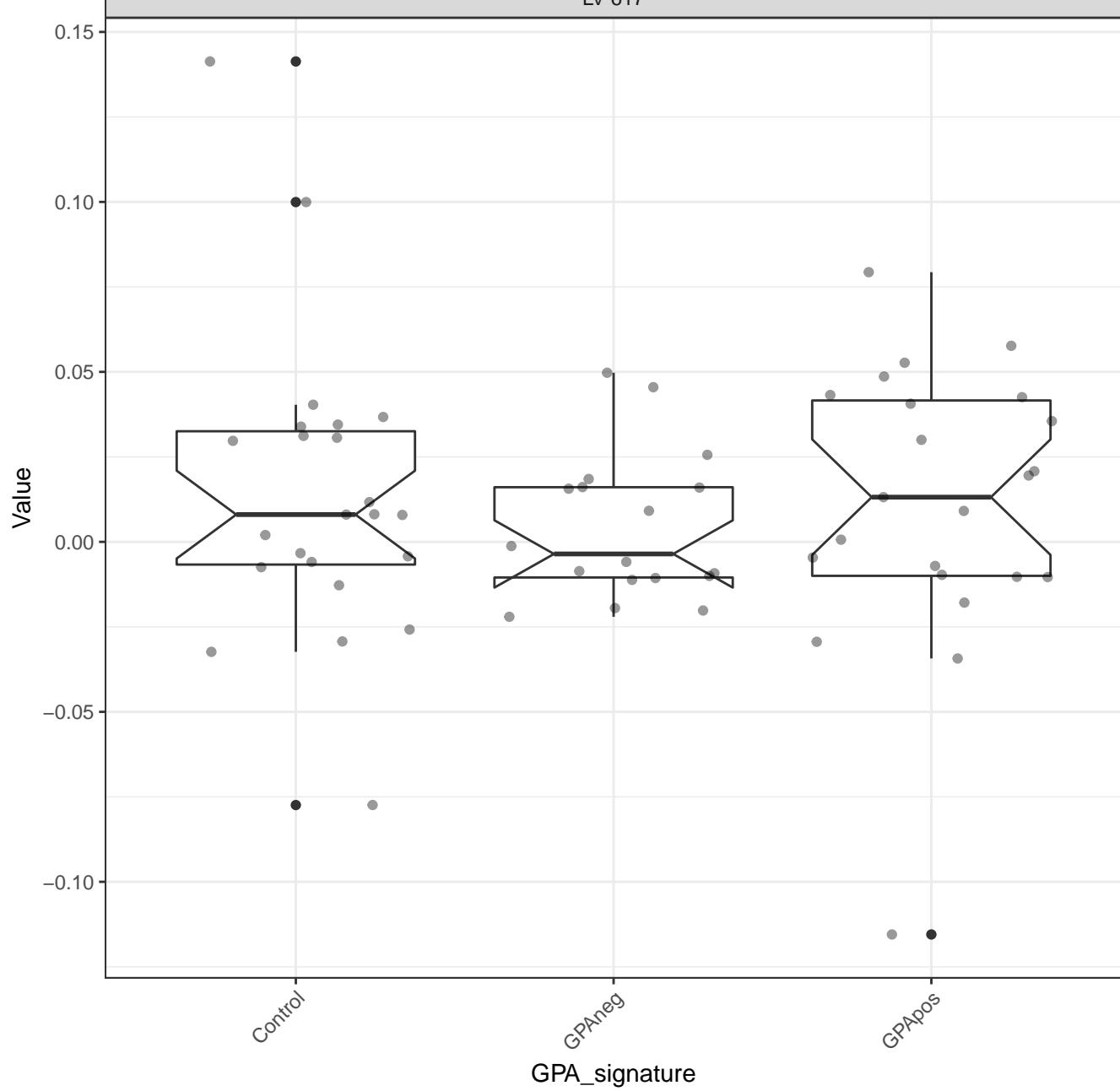
LV 615

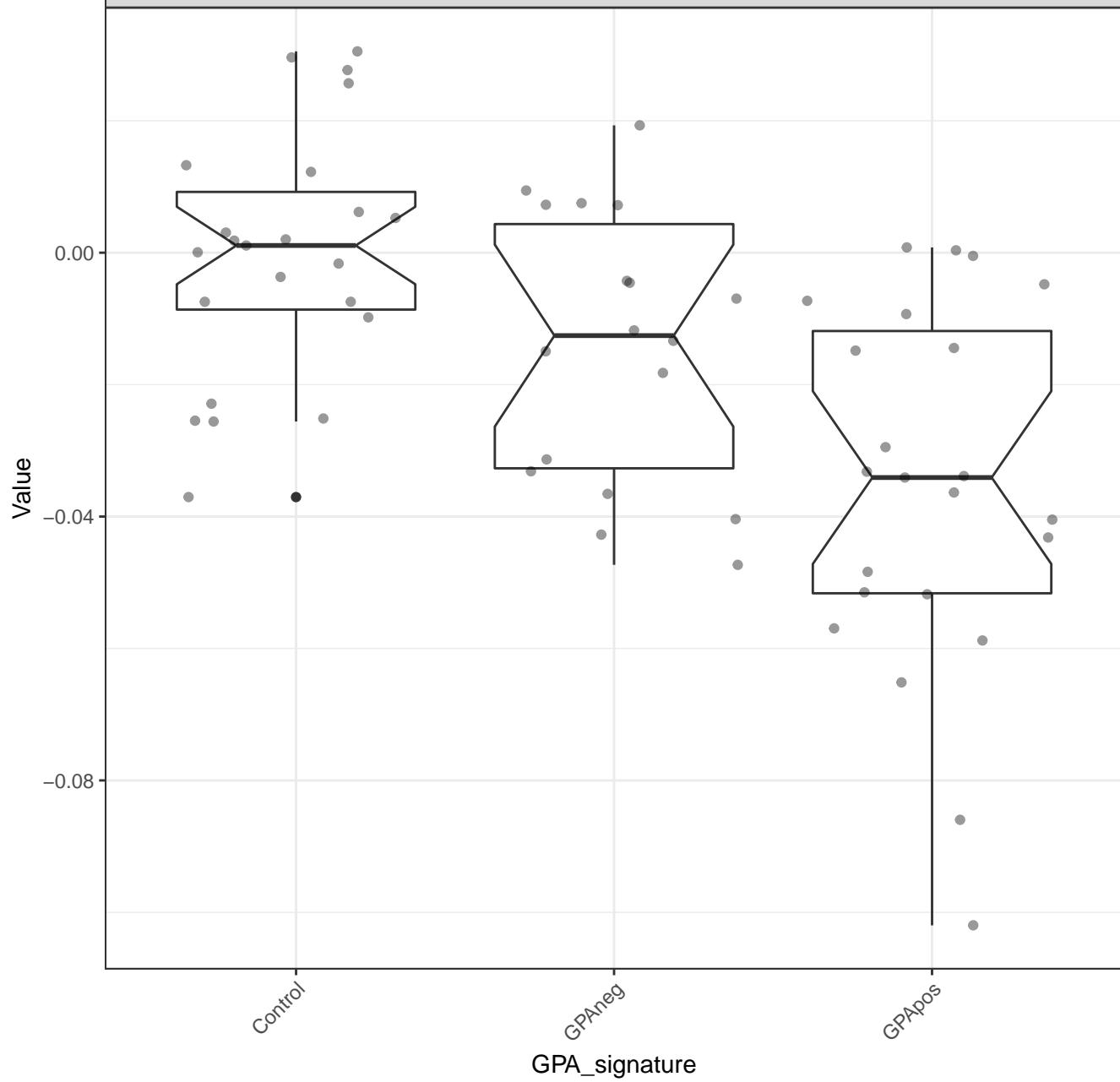


LV 616



LV 617





LV 619

Value

0.100

0.075

0.050

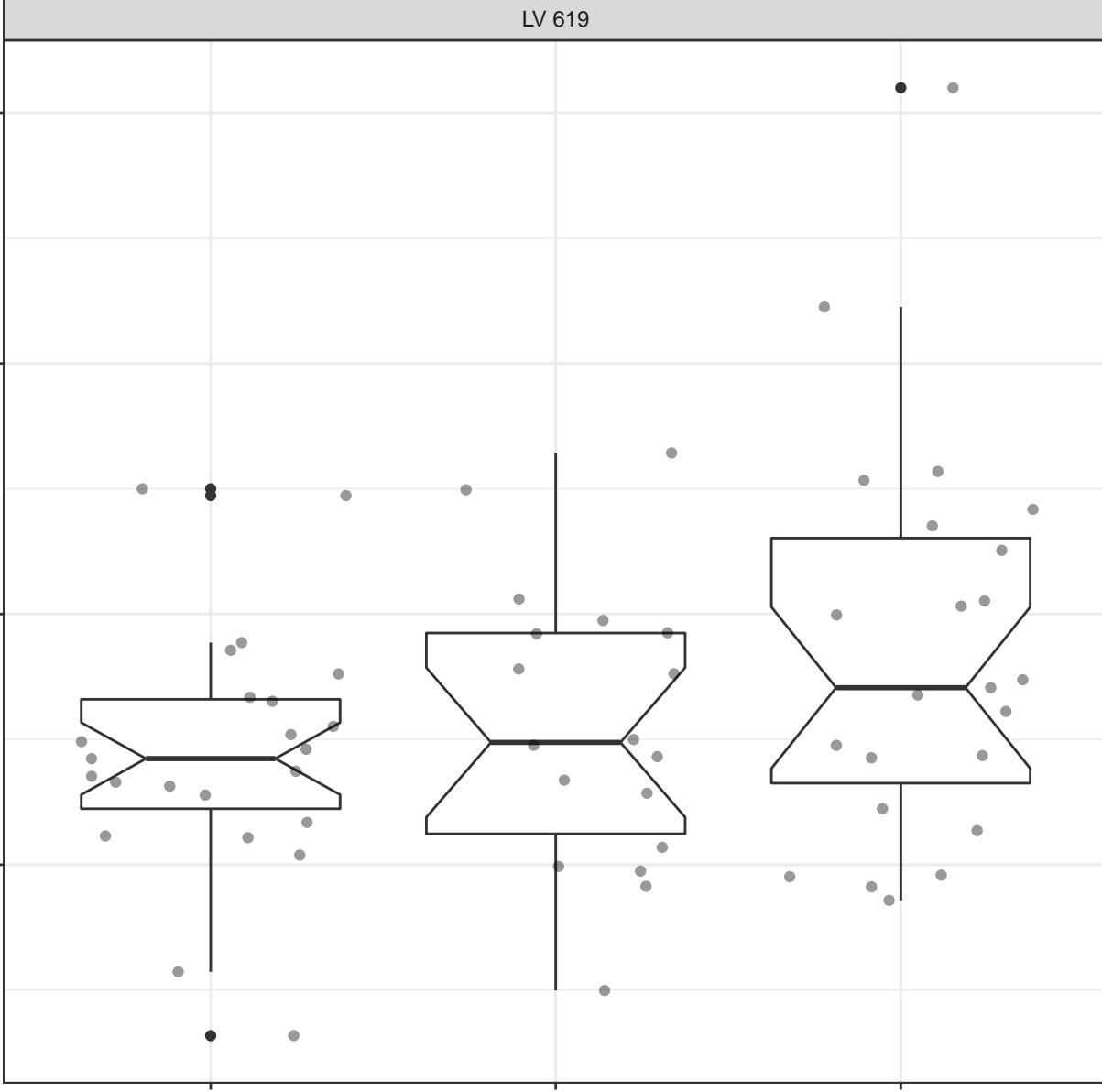
0.025

Control

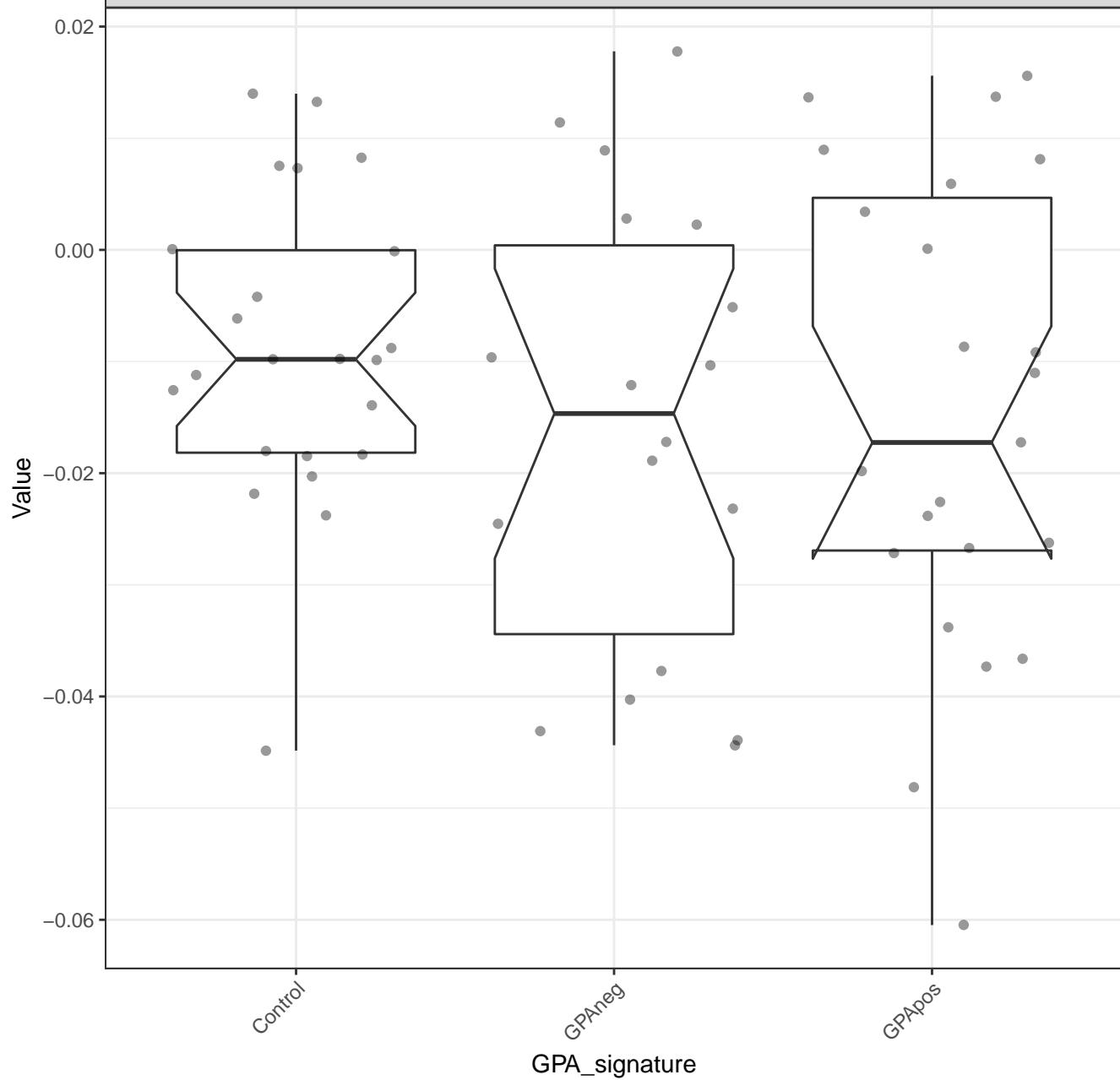
GPAneg

GPApos

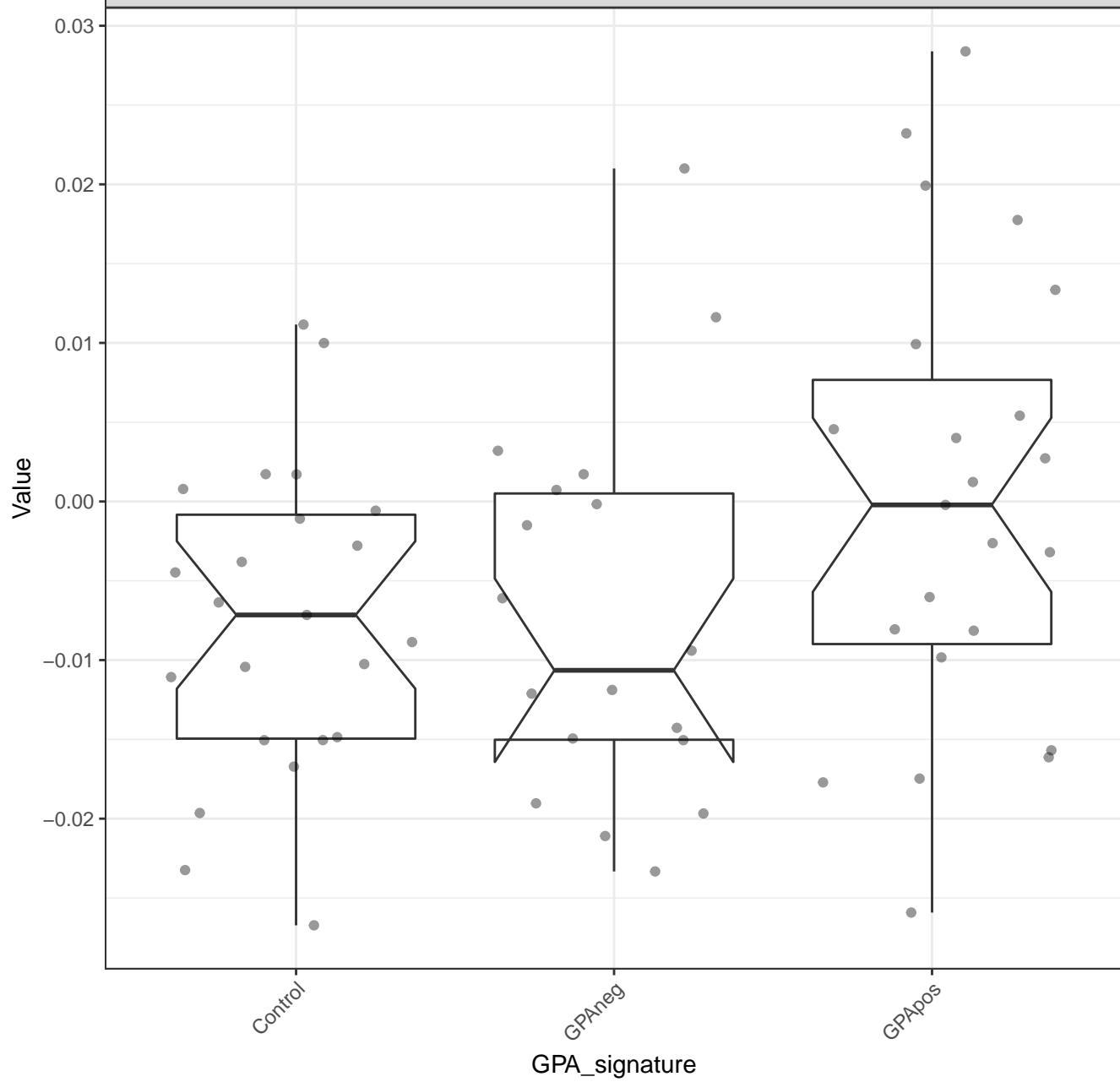
GPA_signature



LV 620



LV 621



LV 622

Value

0.02

0.00

-0.02

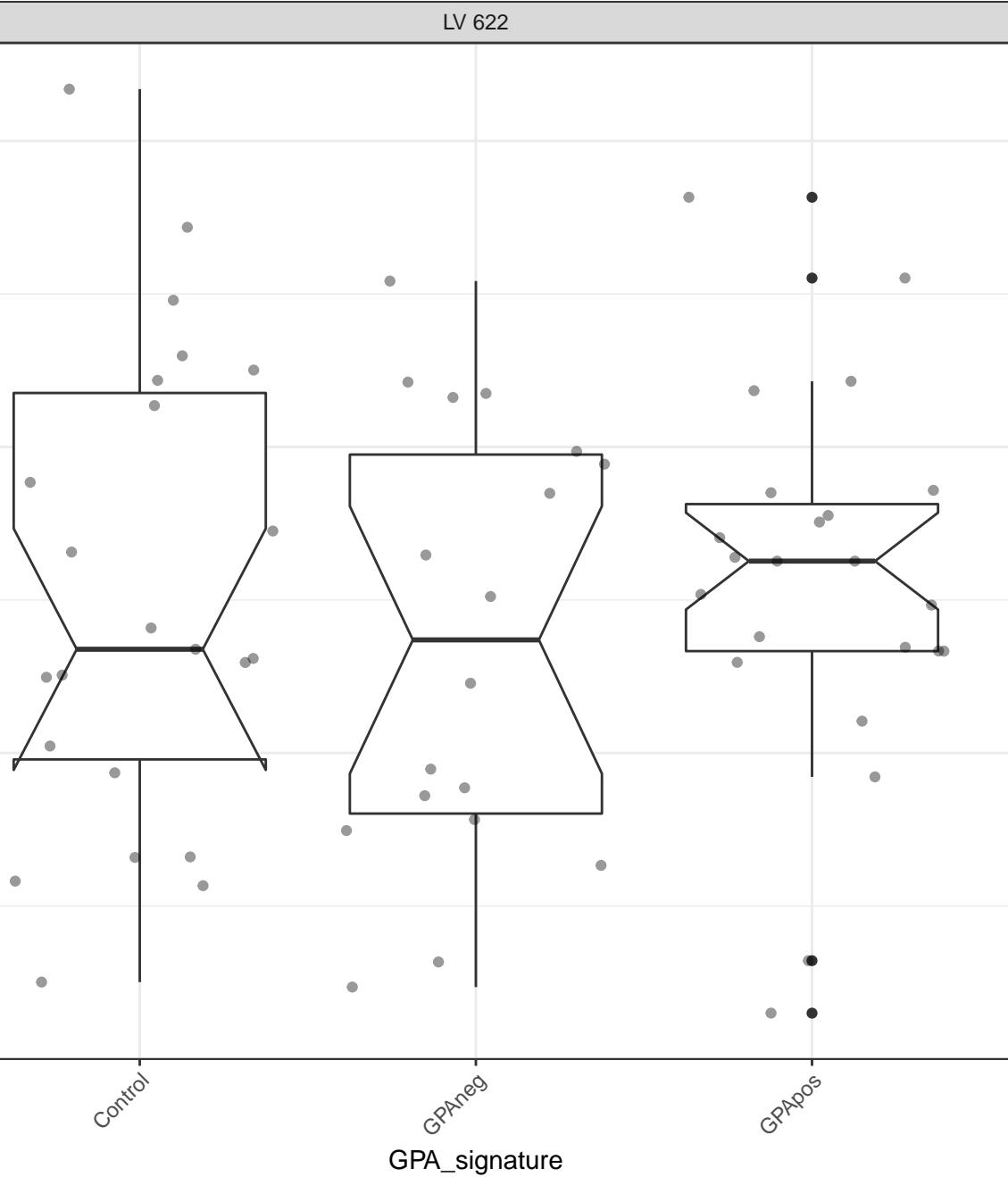
-0.04

Control

GPAneg

GPApos

GPA_signature



LV 623

Value

0.06

0.04

0.02

0.01

-0.01

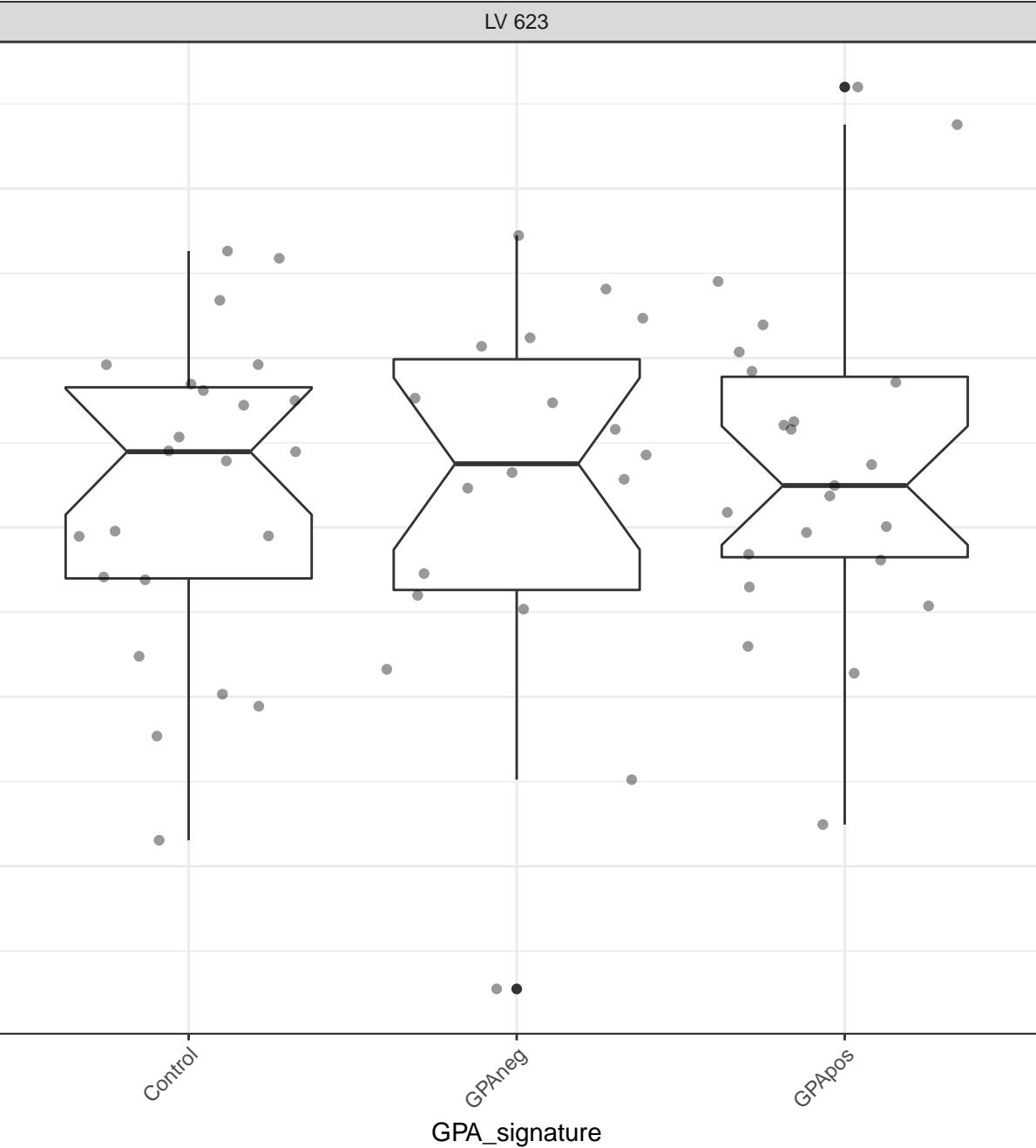
-0.02

Control

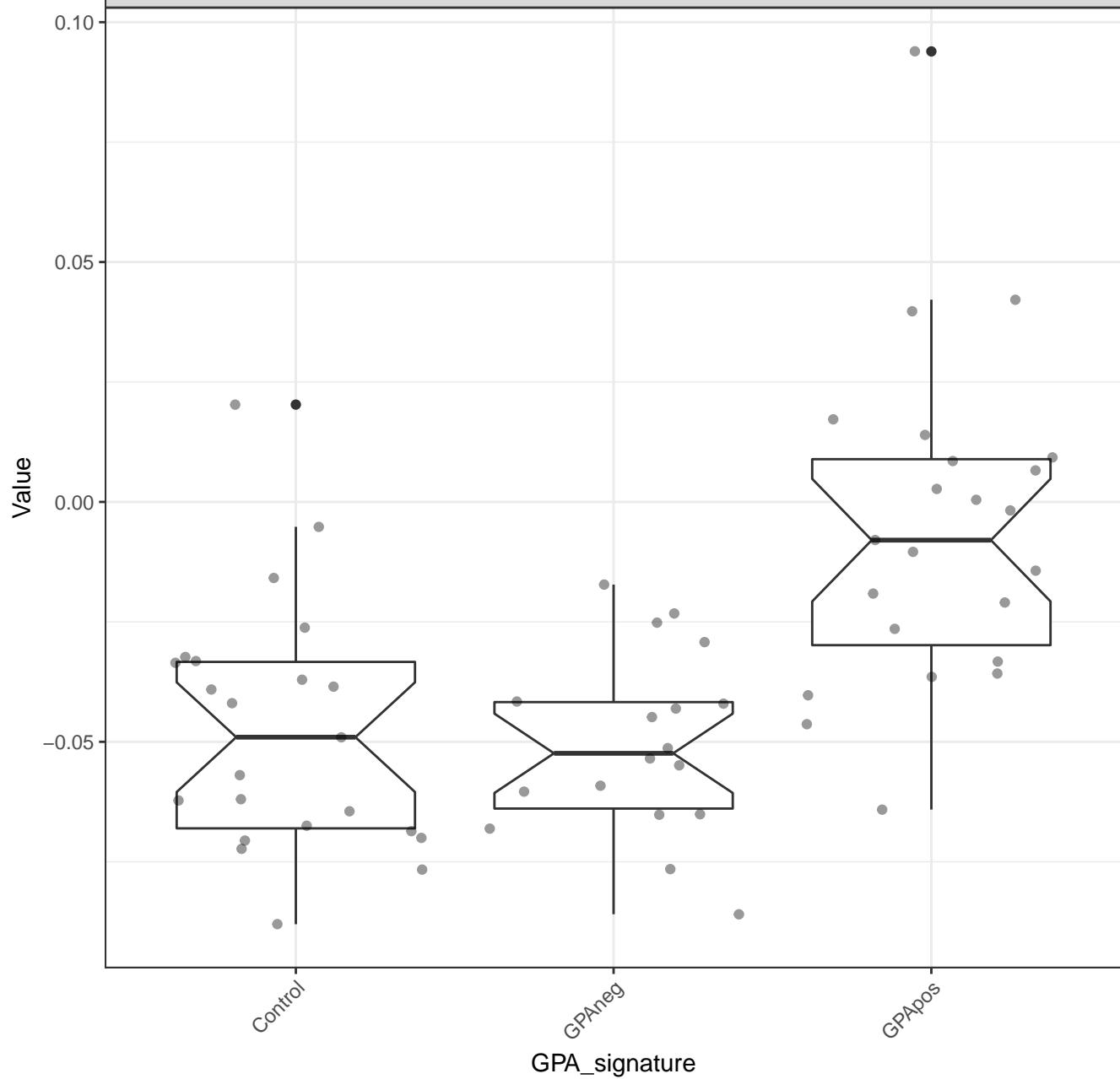
GPAneg

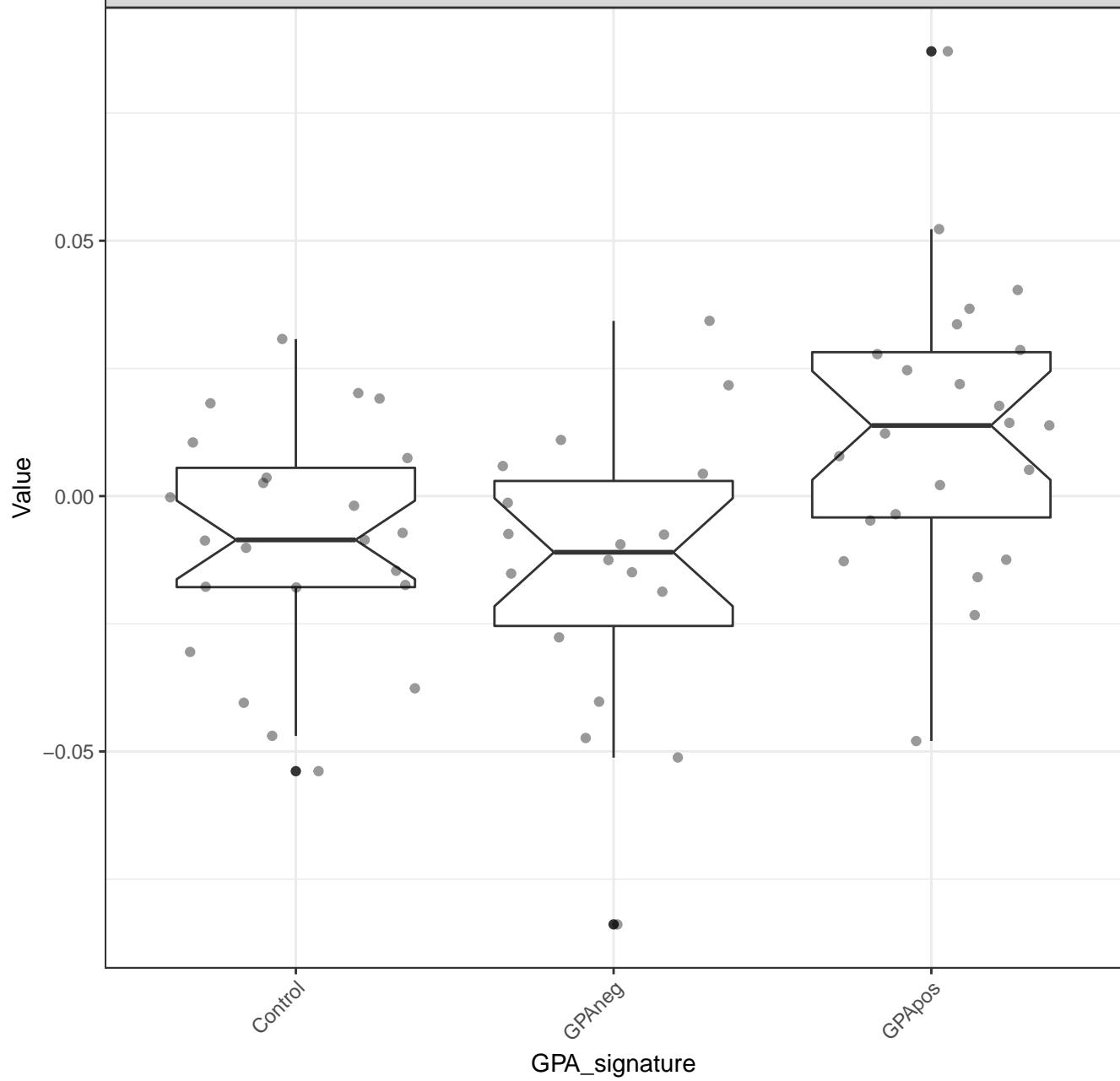
GPApos

GPA_signature

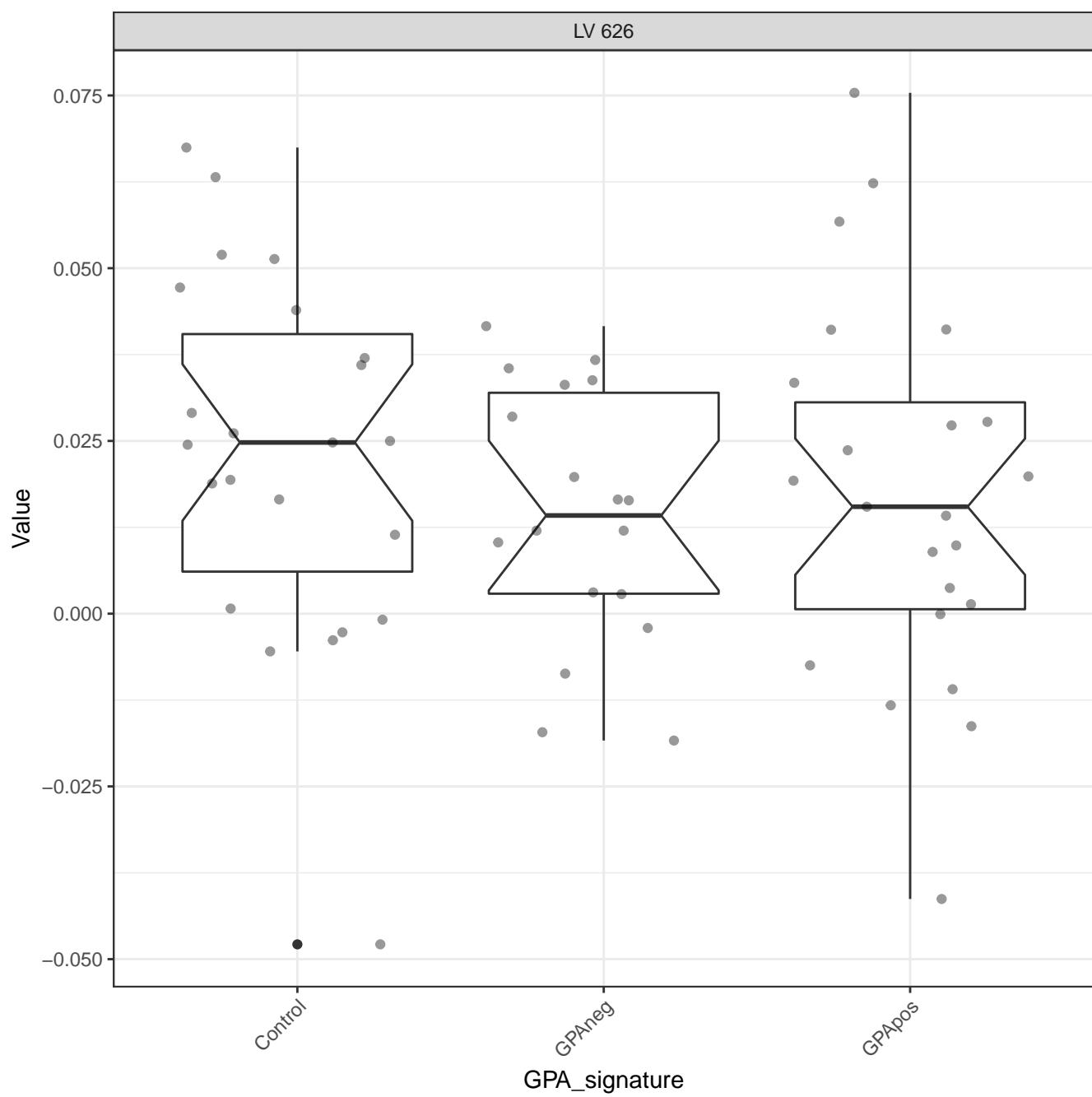


LV 624





LV 626



LV 627

Value

0.04

0.02

0.00

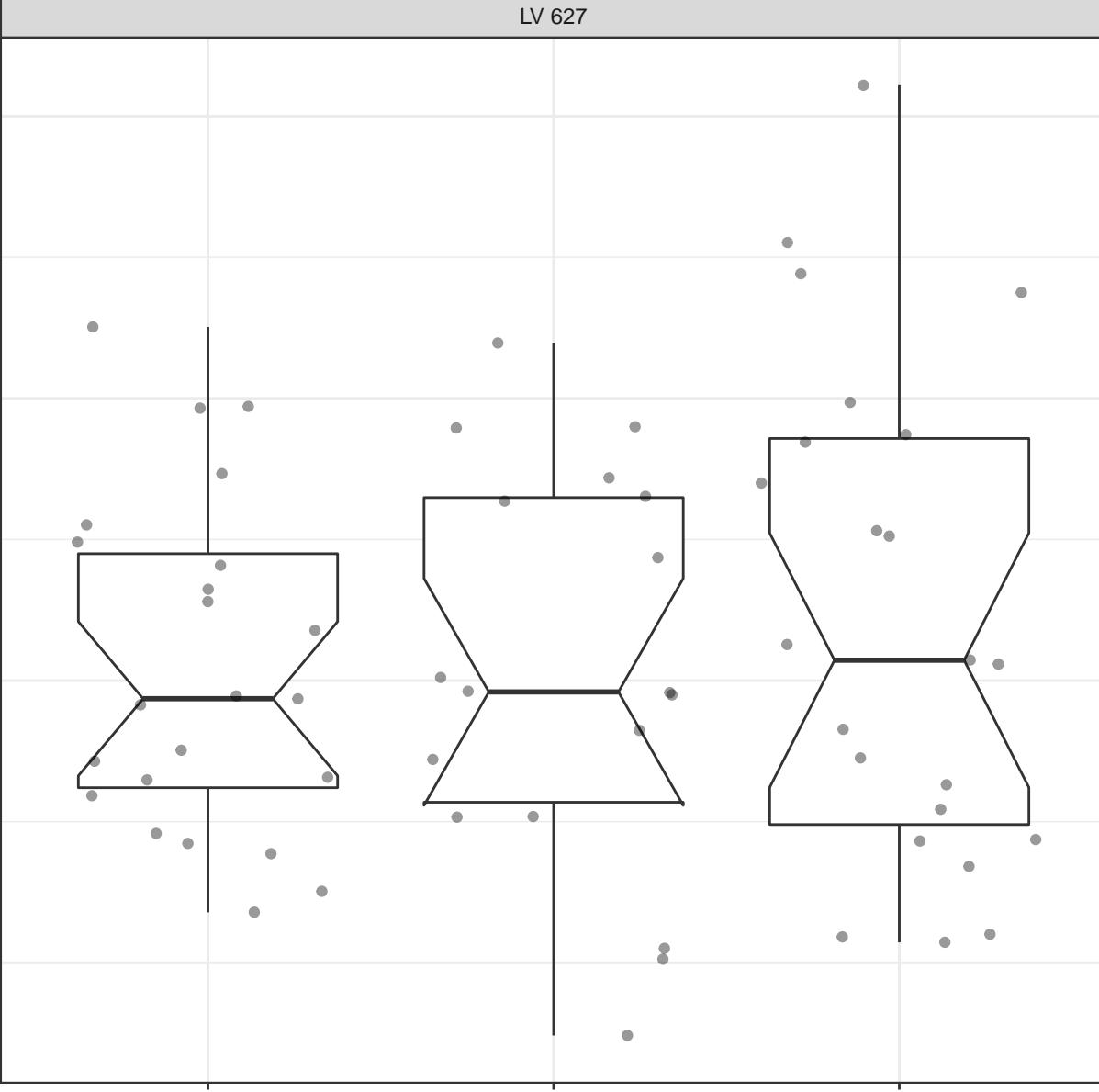
-0.02

Control

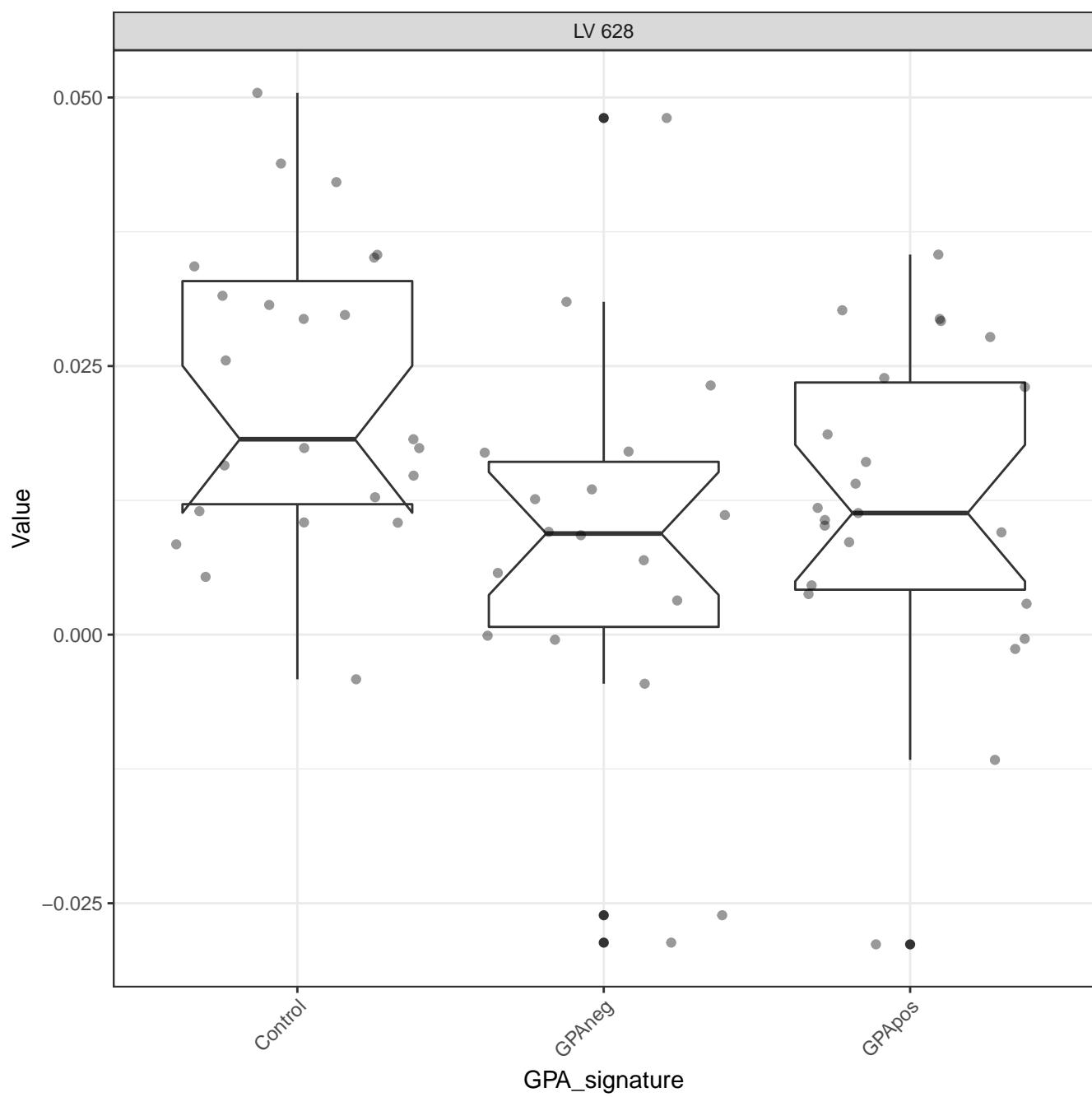
GPA_signature

GPAneg

GPAPos



LV 628



LV 629

Value

0.05

0.00

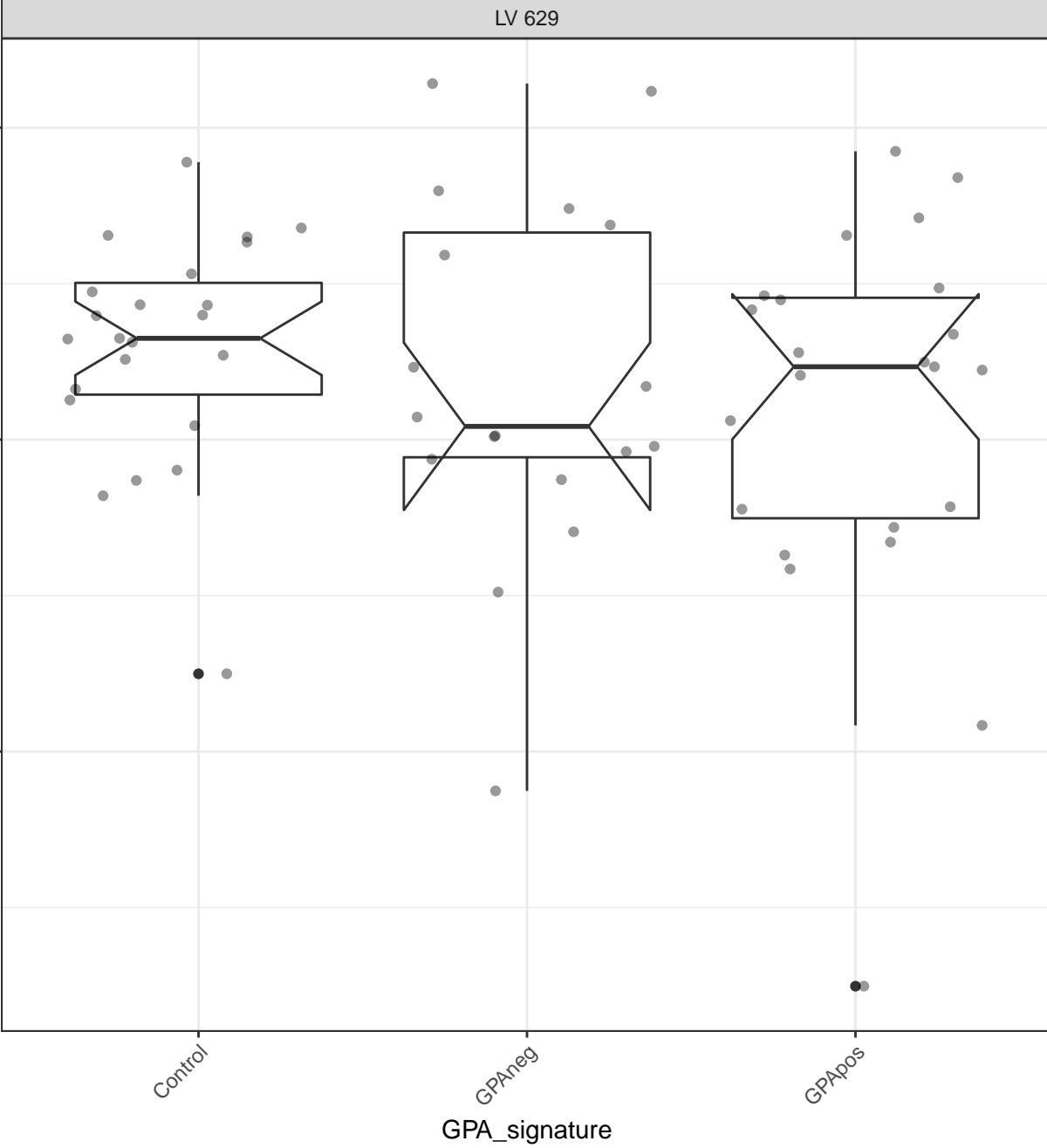
-0.05

Control

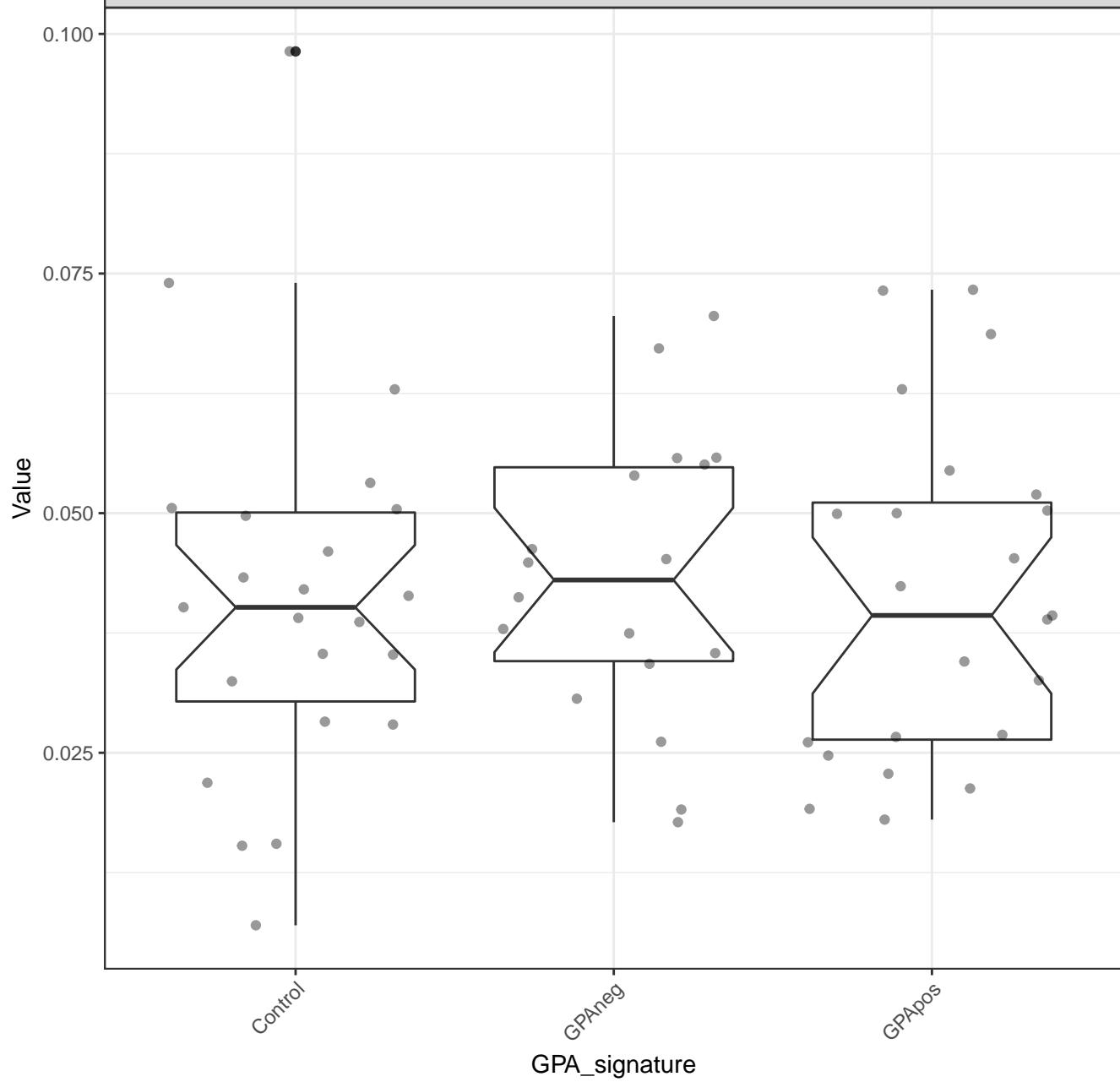
GPAneg

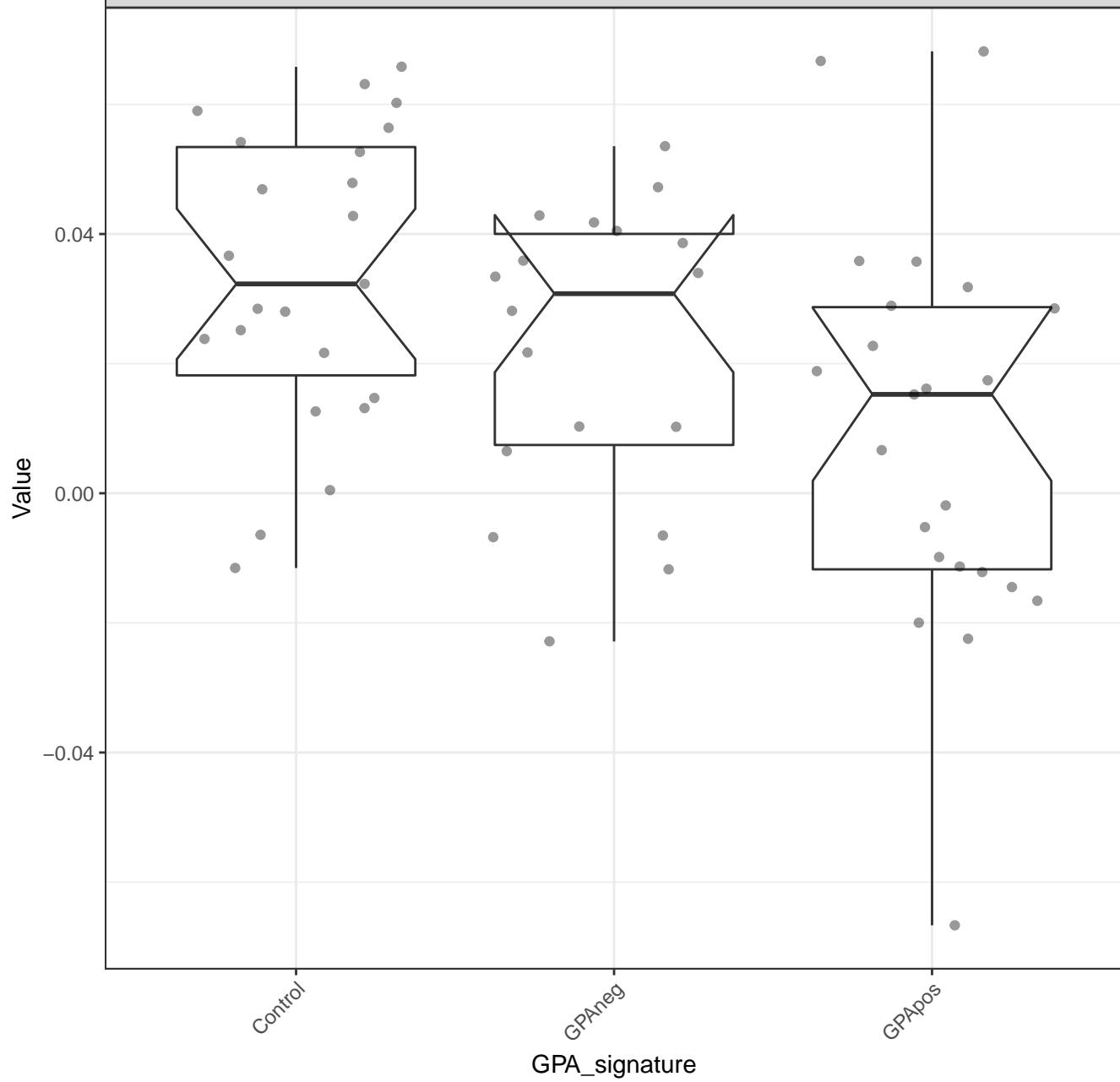
GPApos

GPA_signature

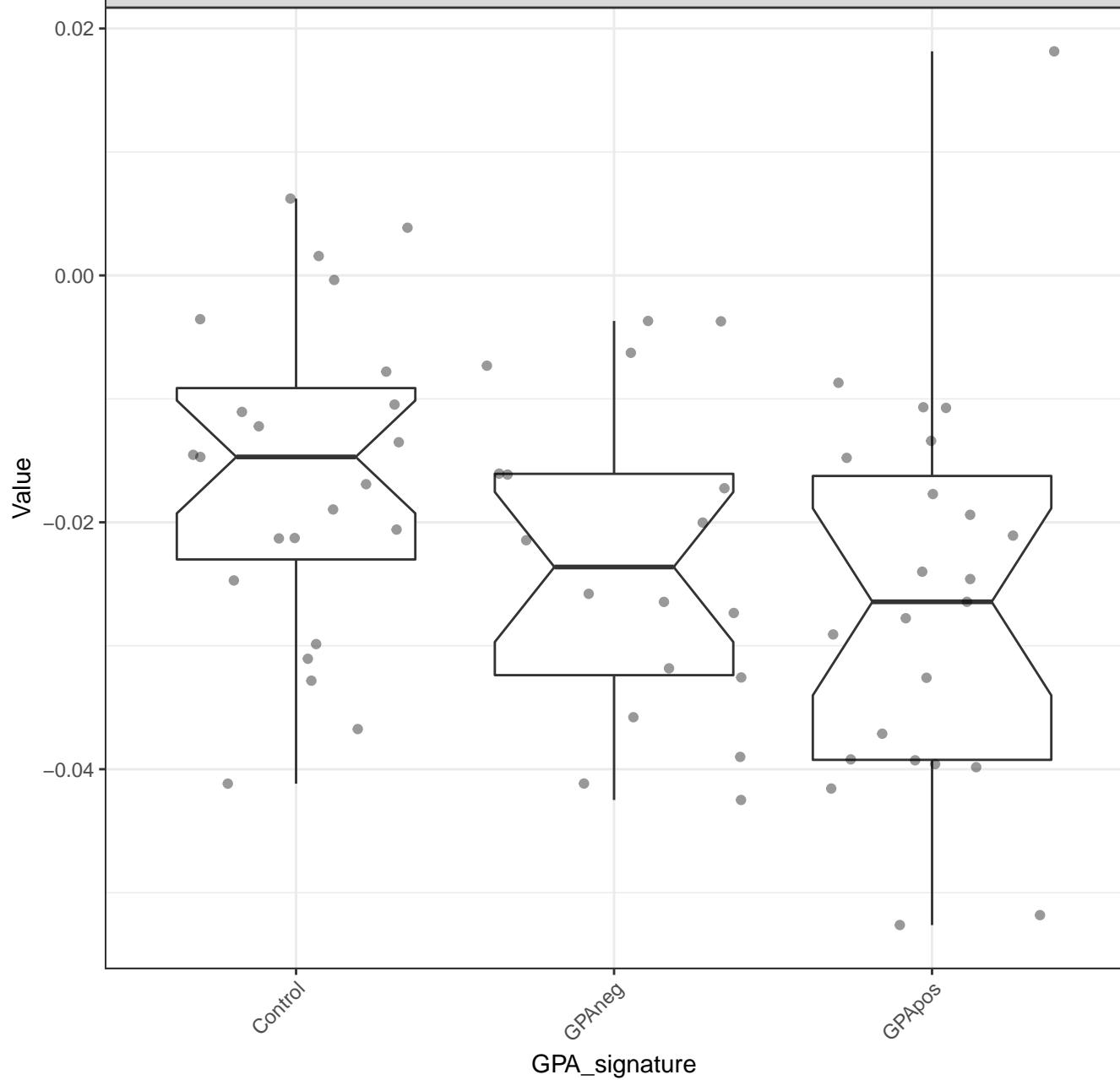


LV 630

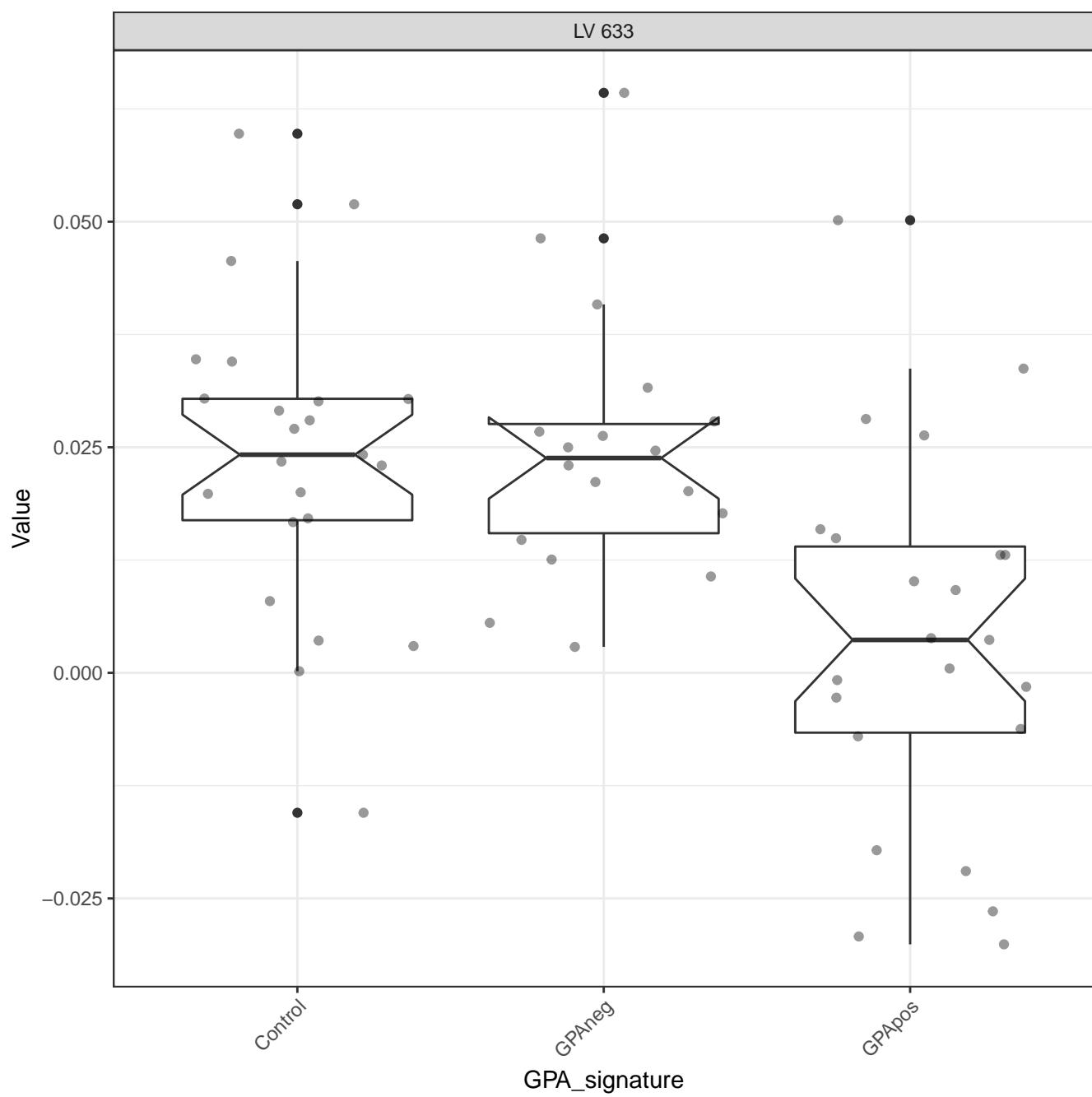


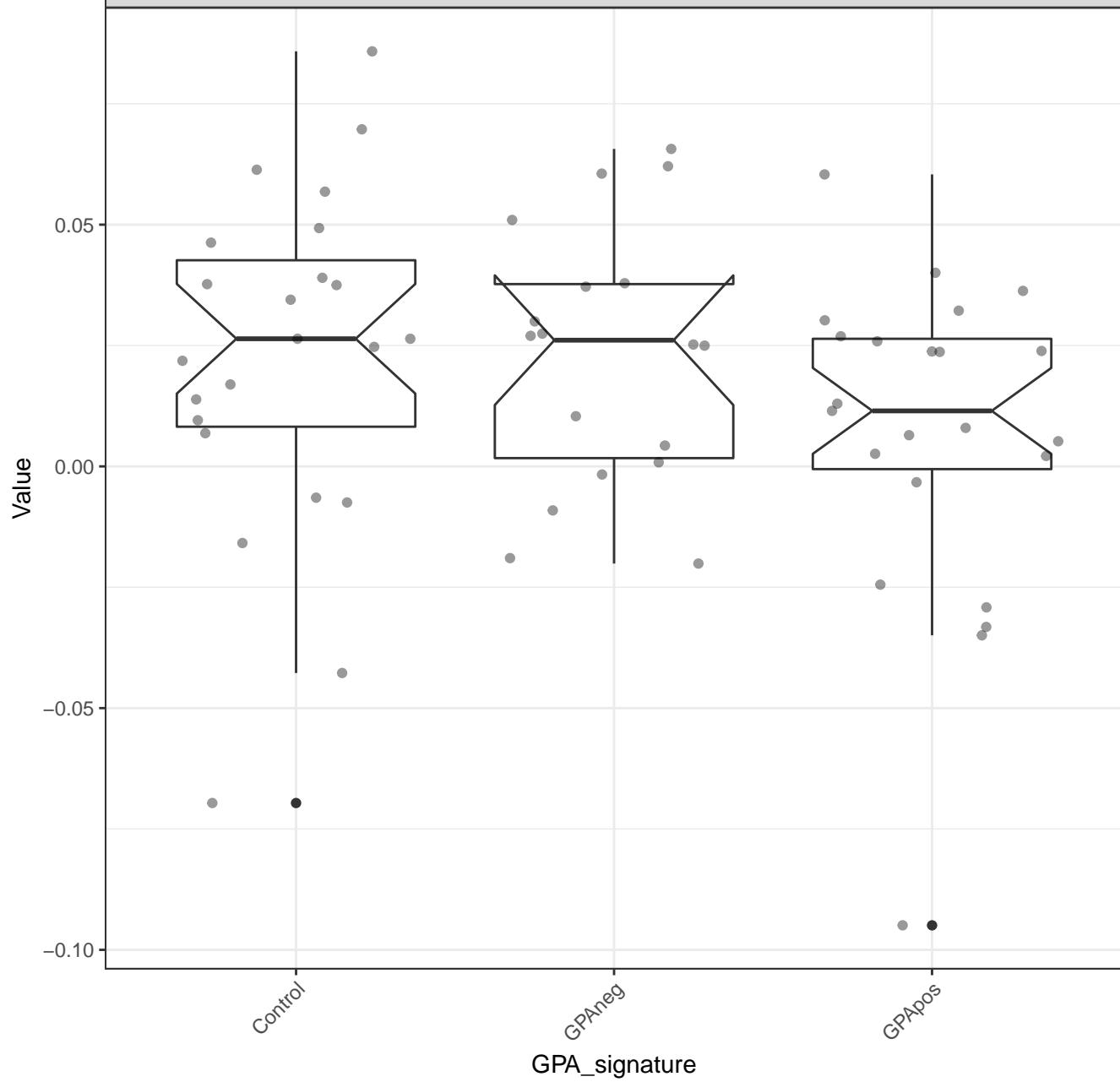


LV 632



LV 633





LV 635

Value

0.050

0.025

0.000

-0.025

-0.050

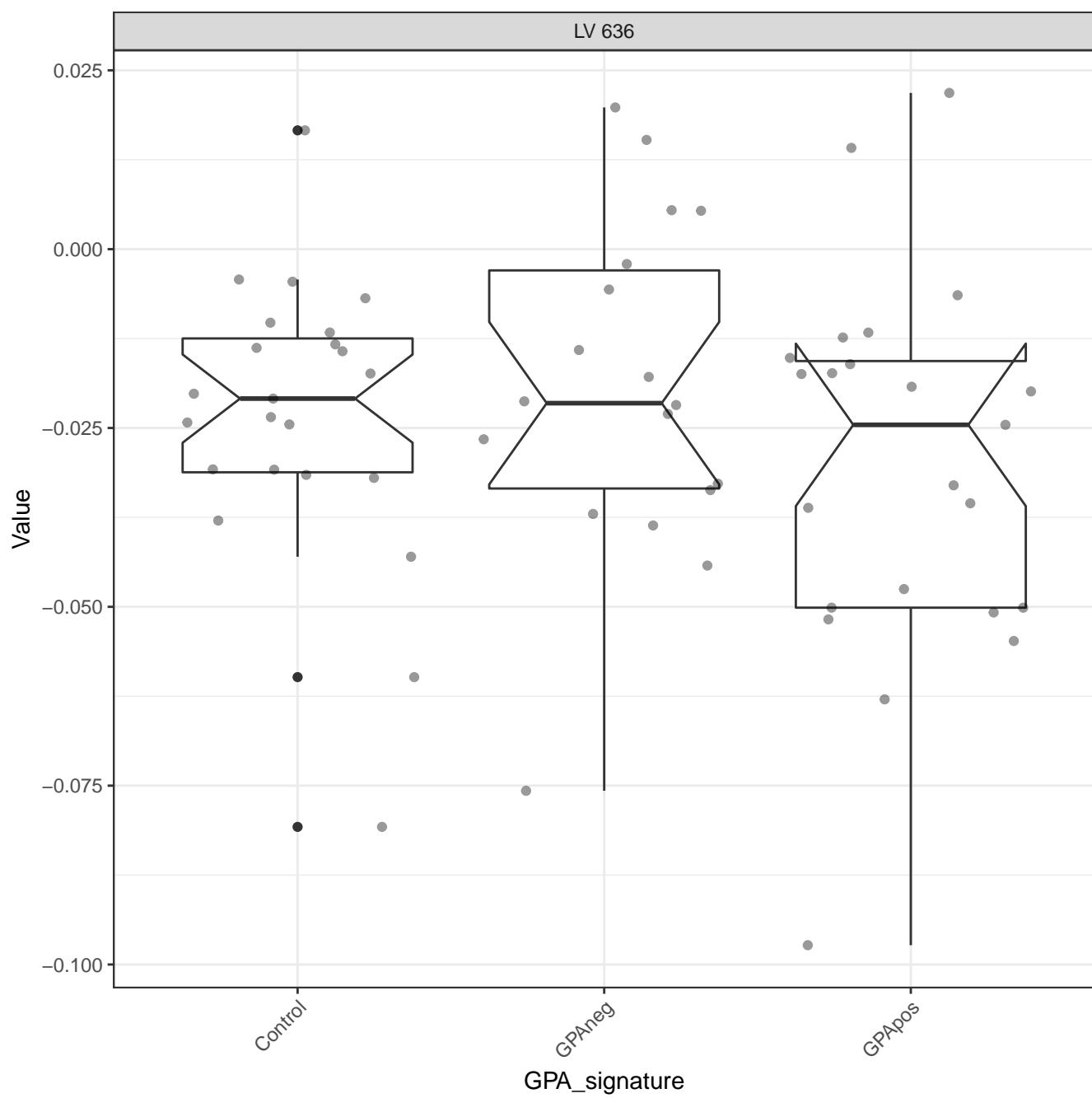
Control

GPAneg

GPAPos

GPA_signature

LV 636



637,REACTOME_METABOLISM_OF_LIPIDS_AND_LIPOPROTEINS

Value

0.025

0.000

-0.025

-0.050

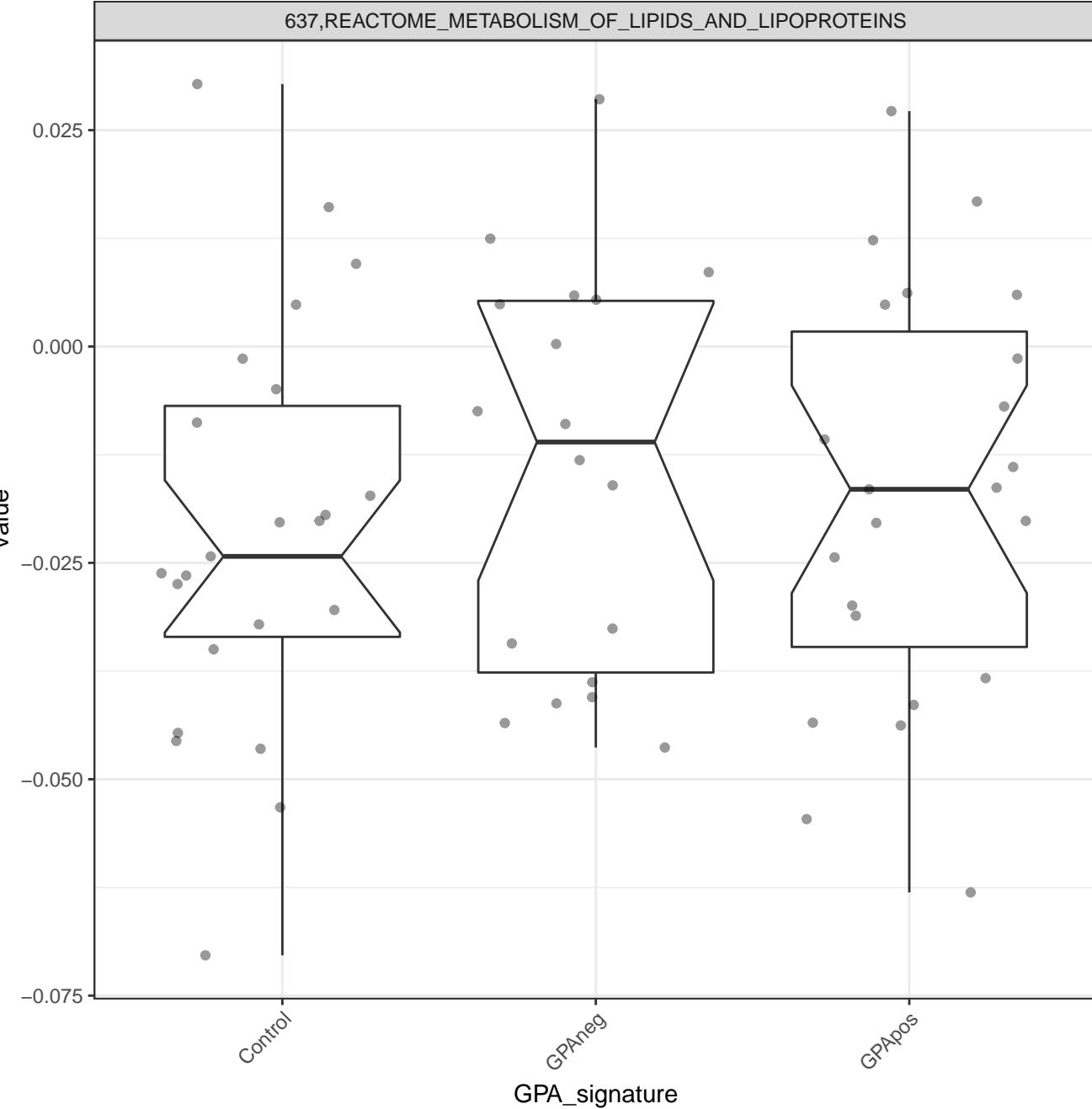
-0.075

Control

GPA_signature

GPAneg

GPAPos



LV 638

Value

0.08

0.04

0.00

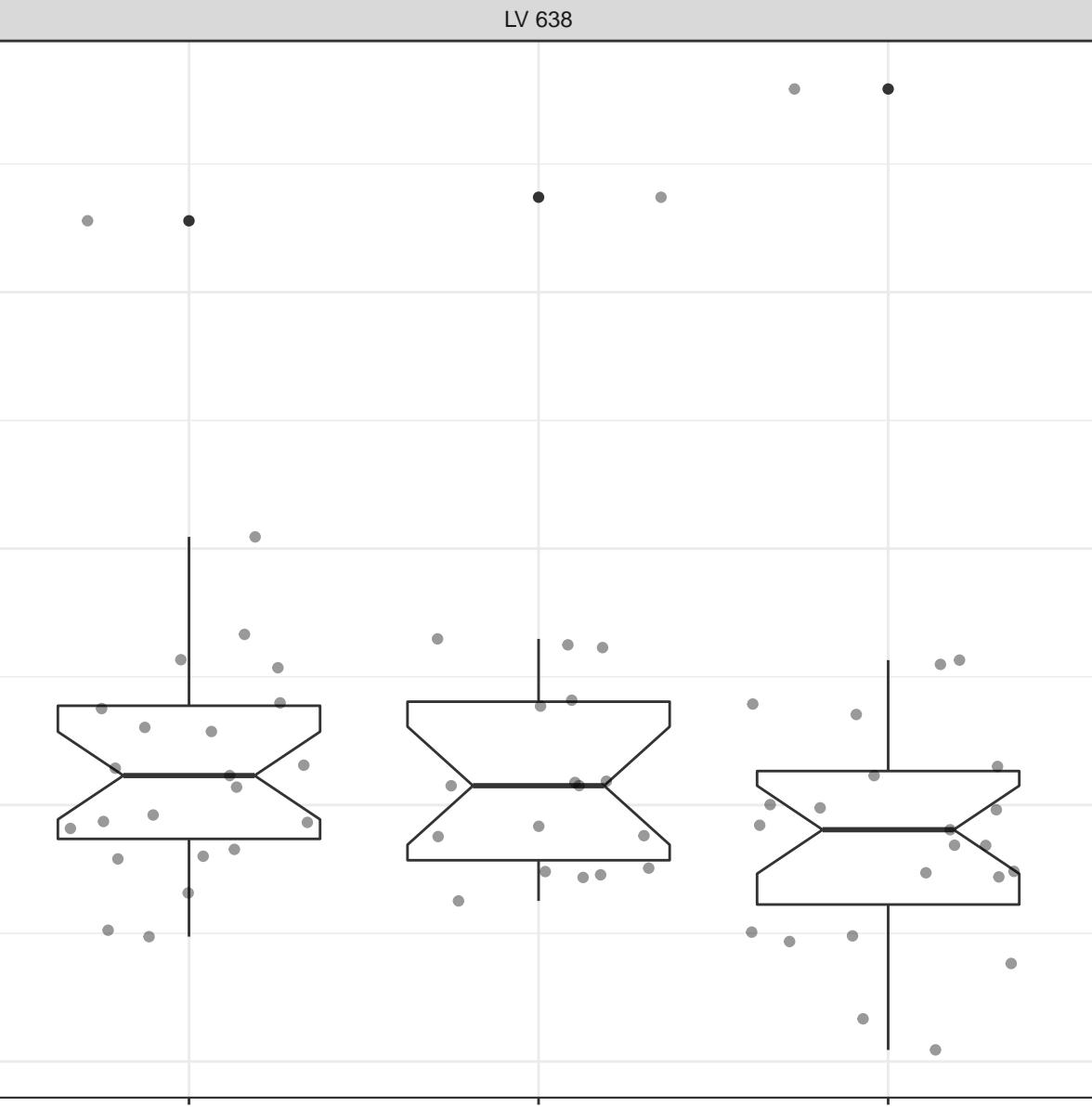
-0.04

Control

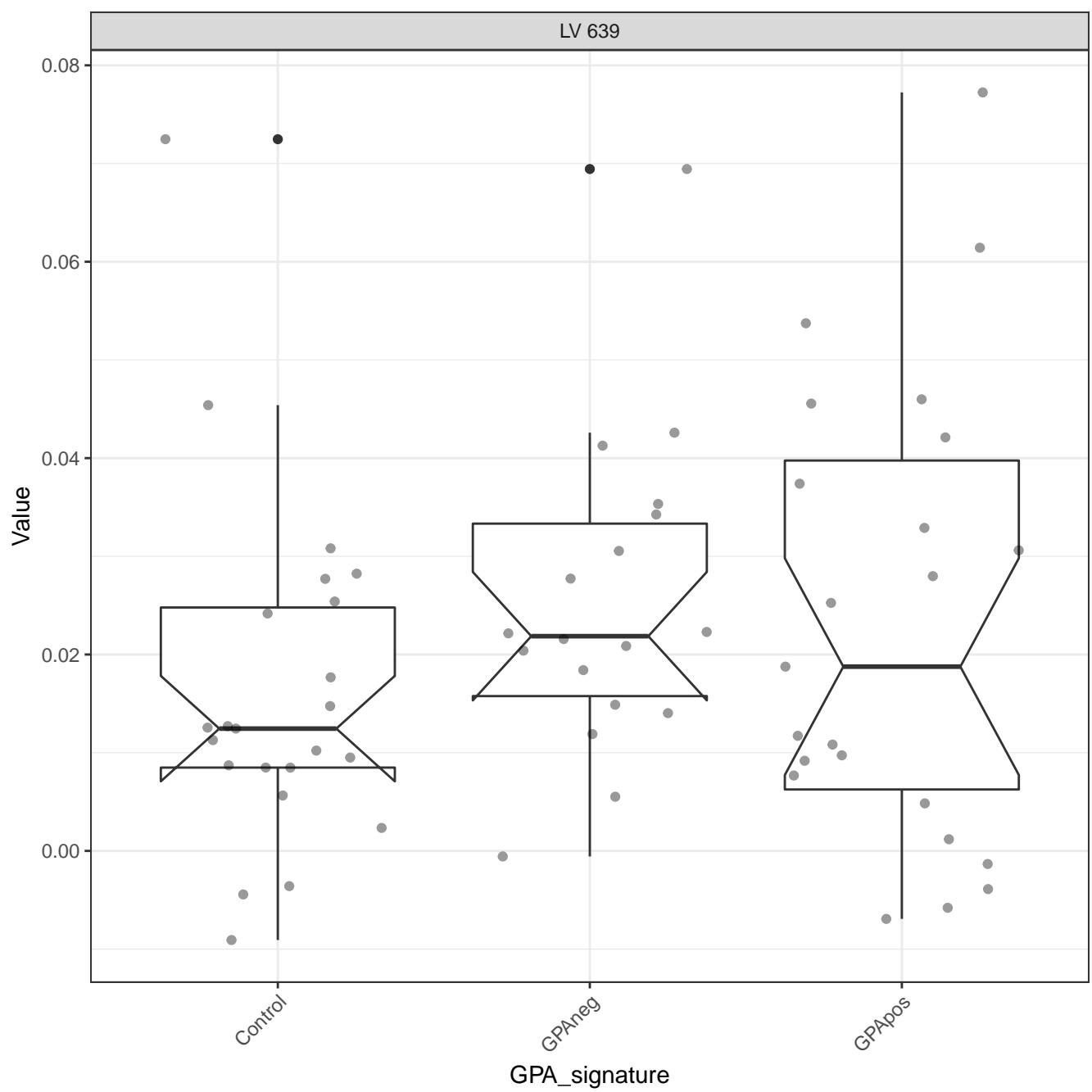
GPA_signature

GPAneg

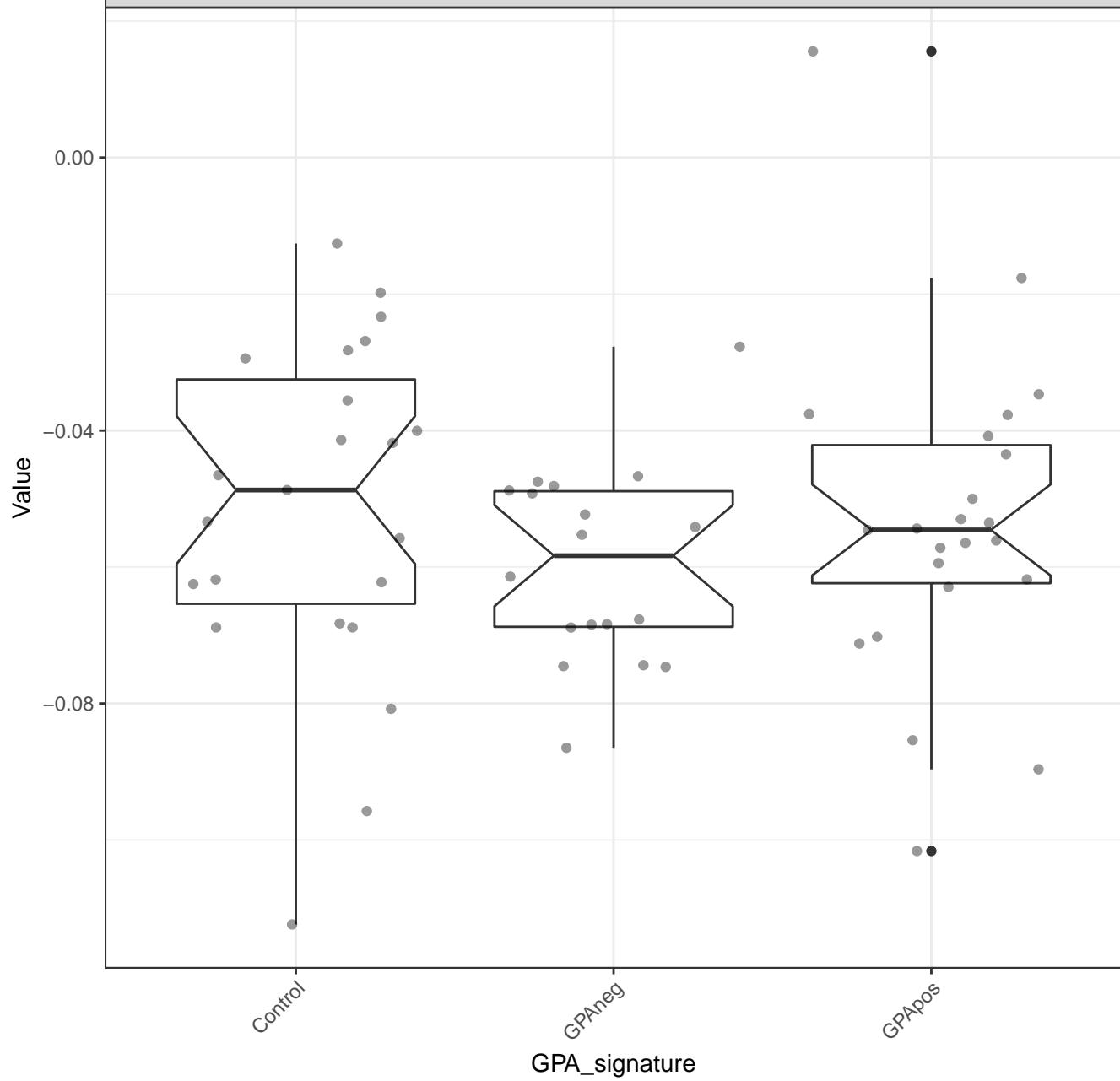
GPApos



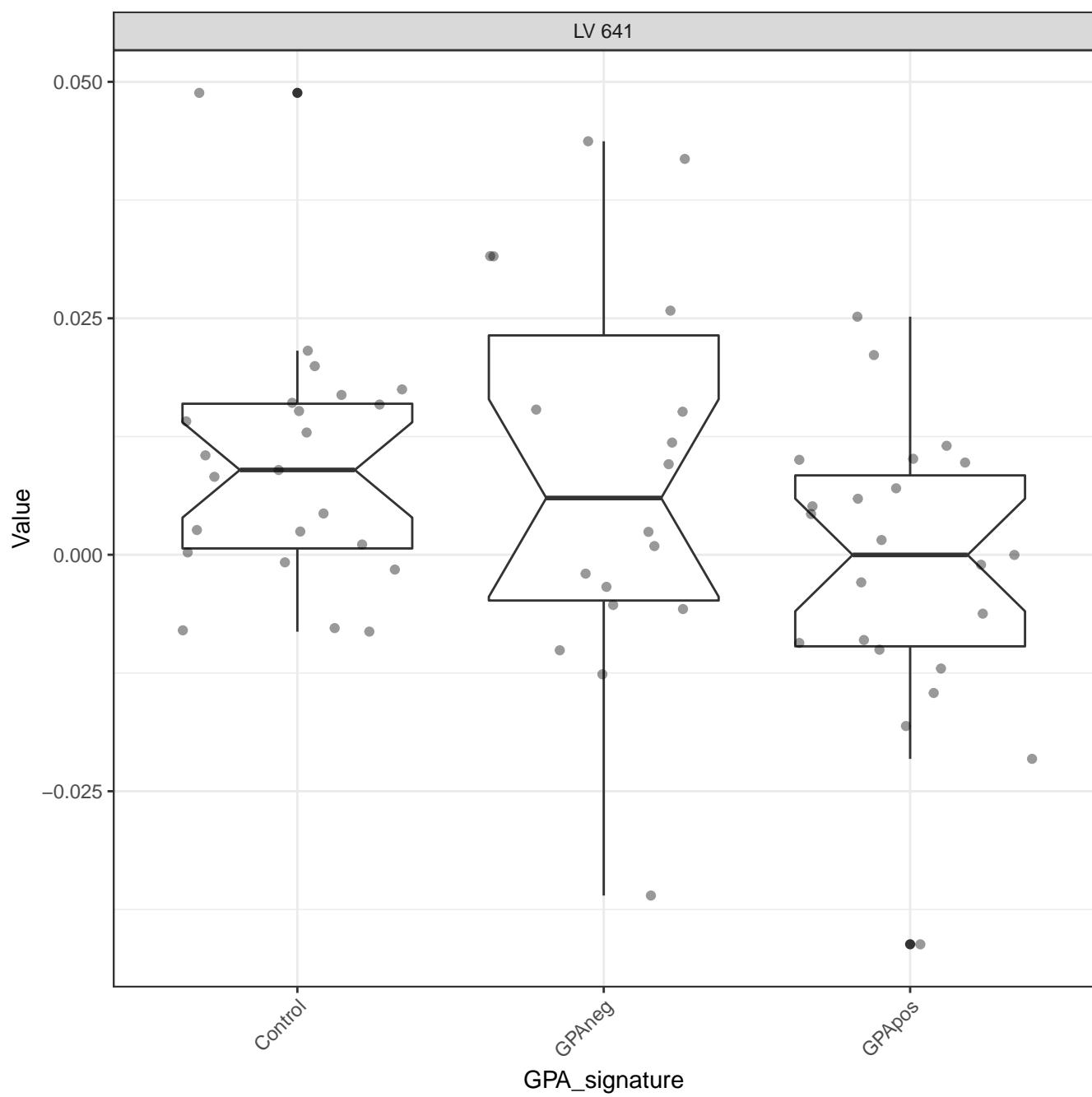
LV 639



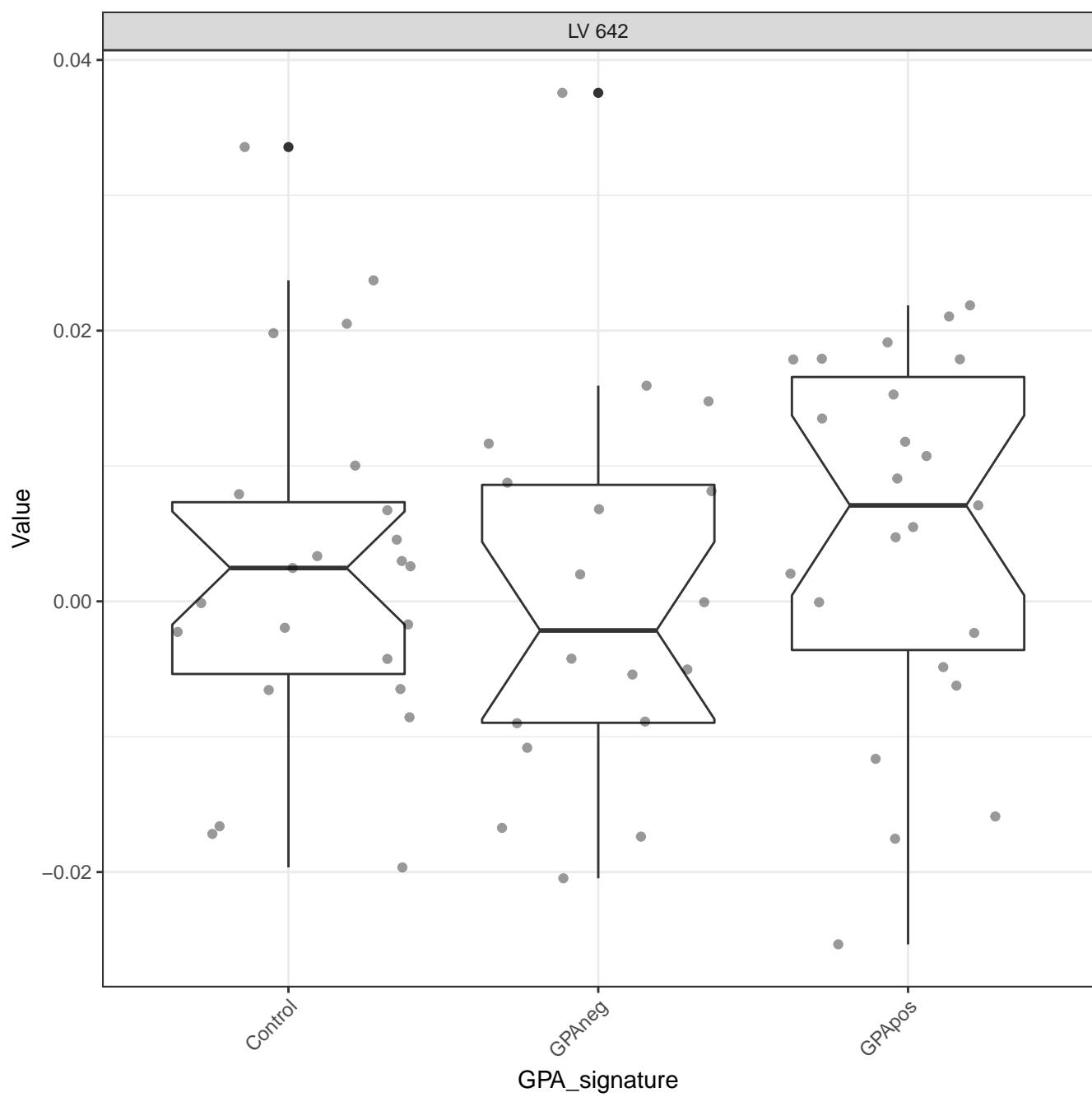
LV 640



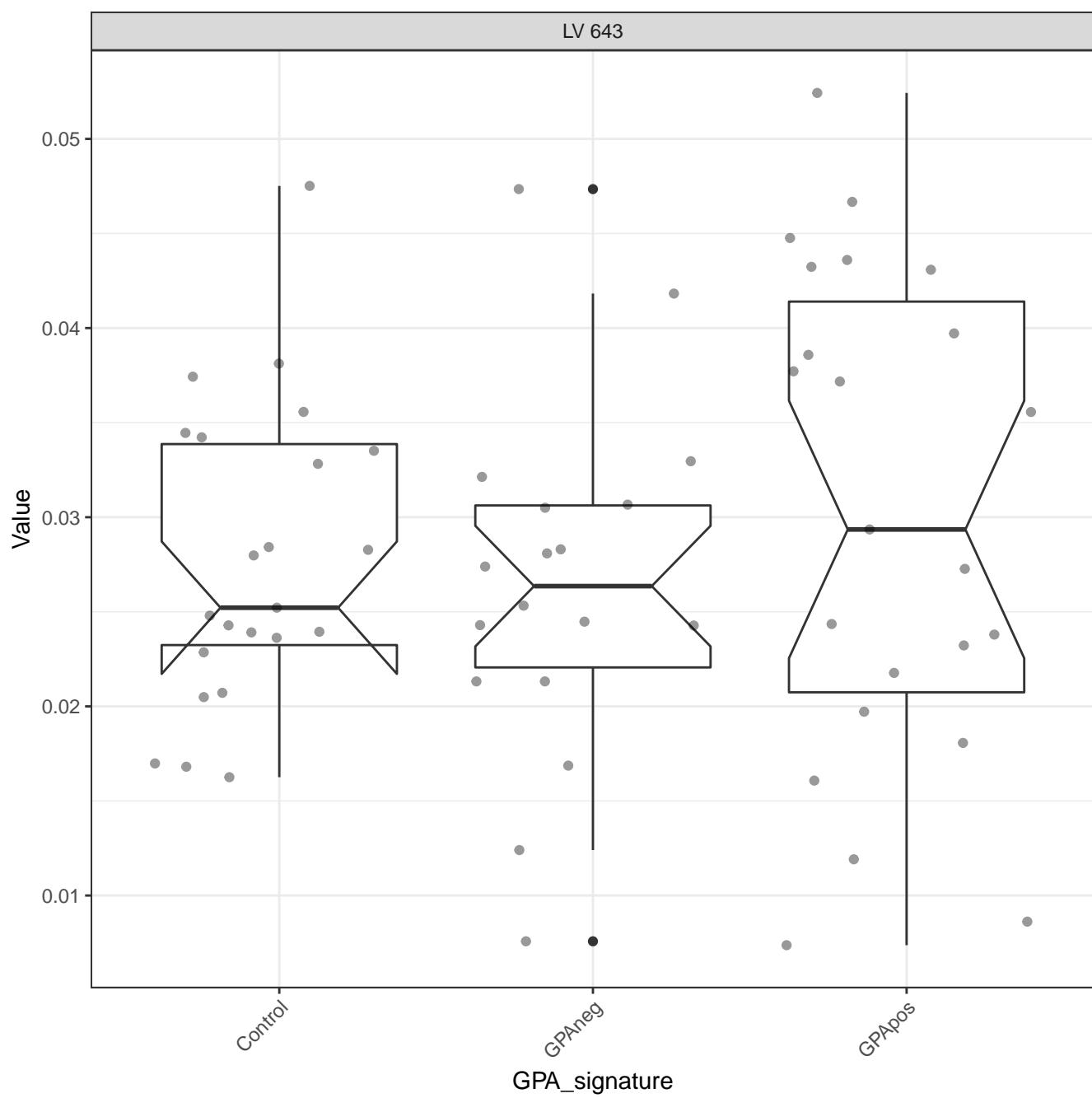
LV 641



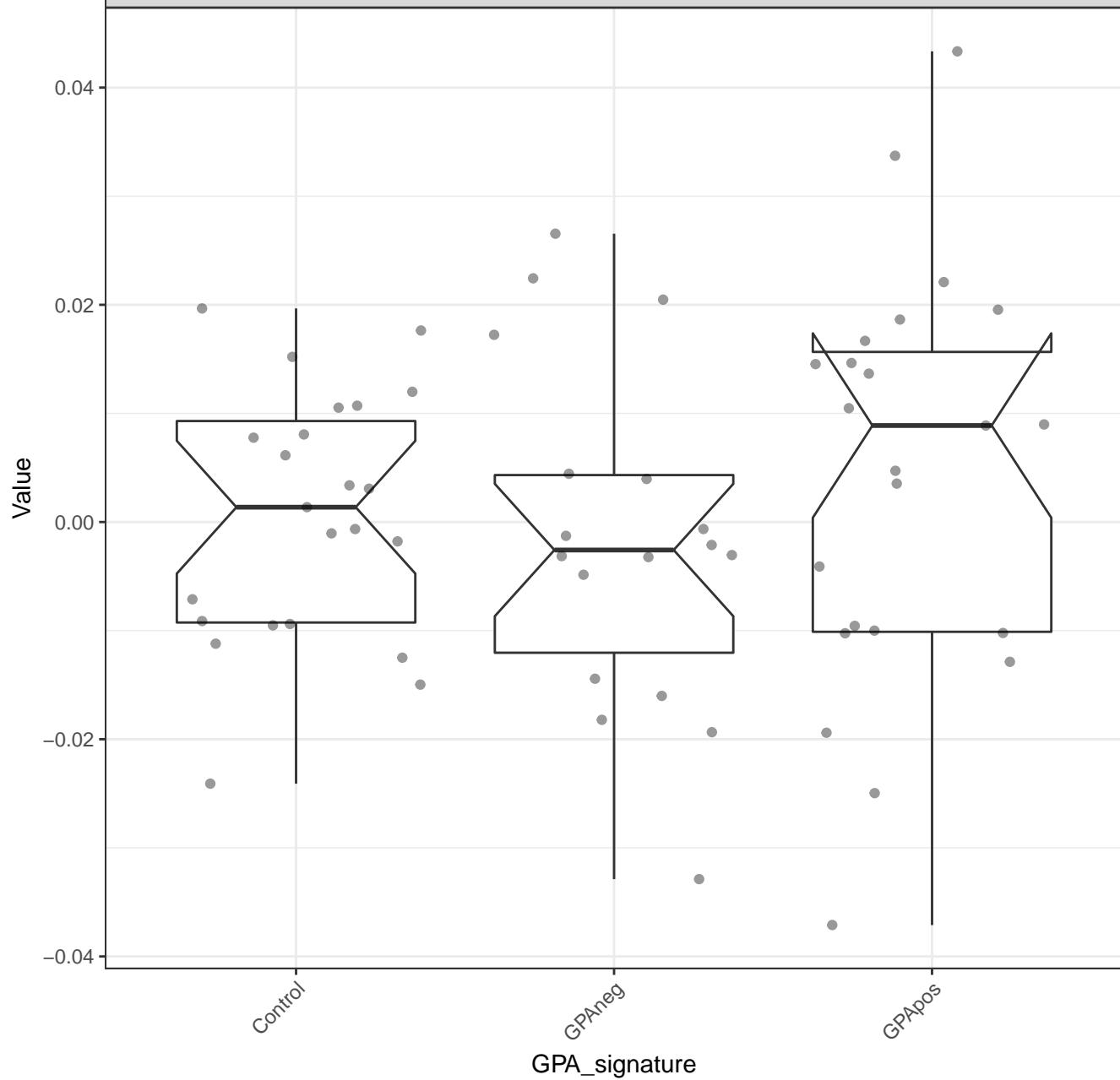
LV 642

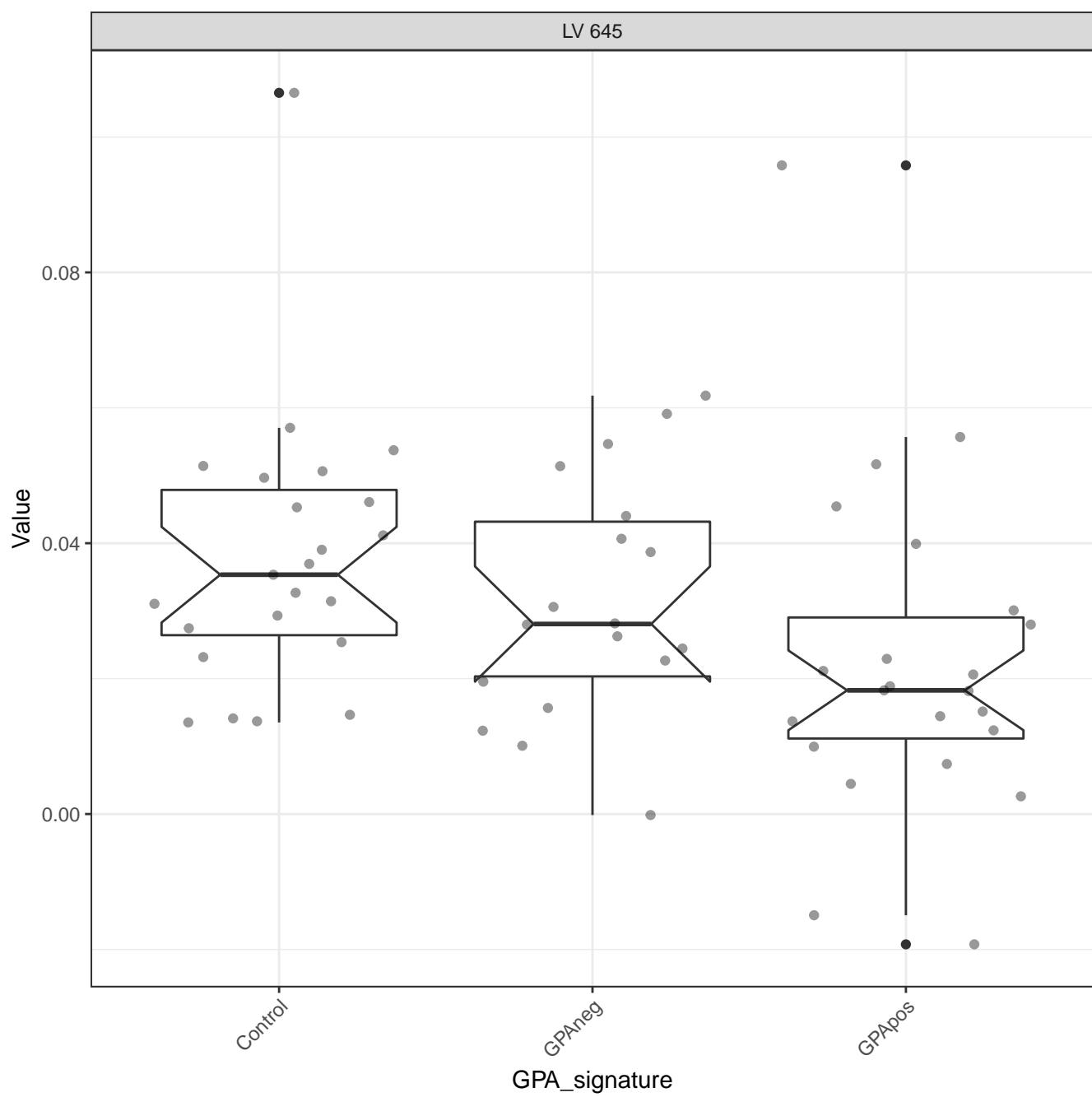


LV 643

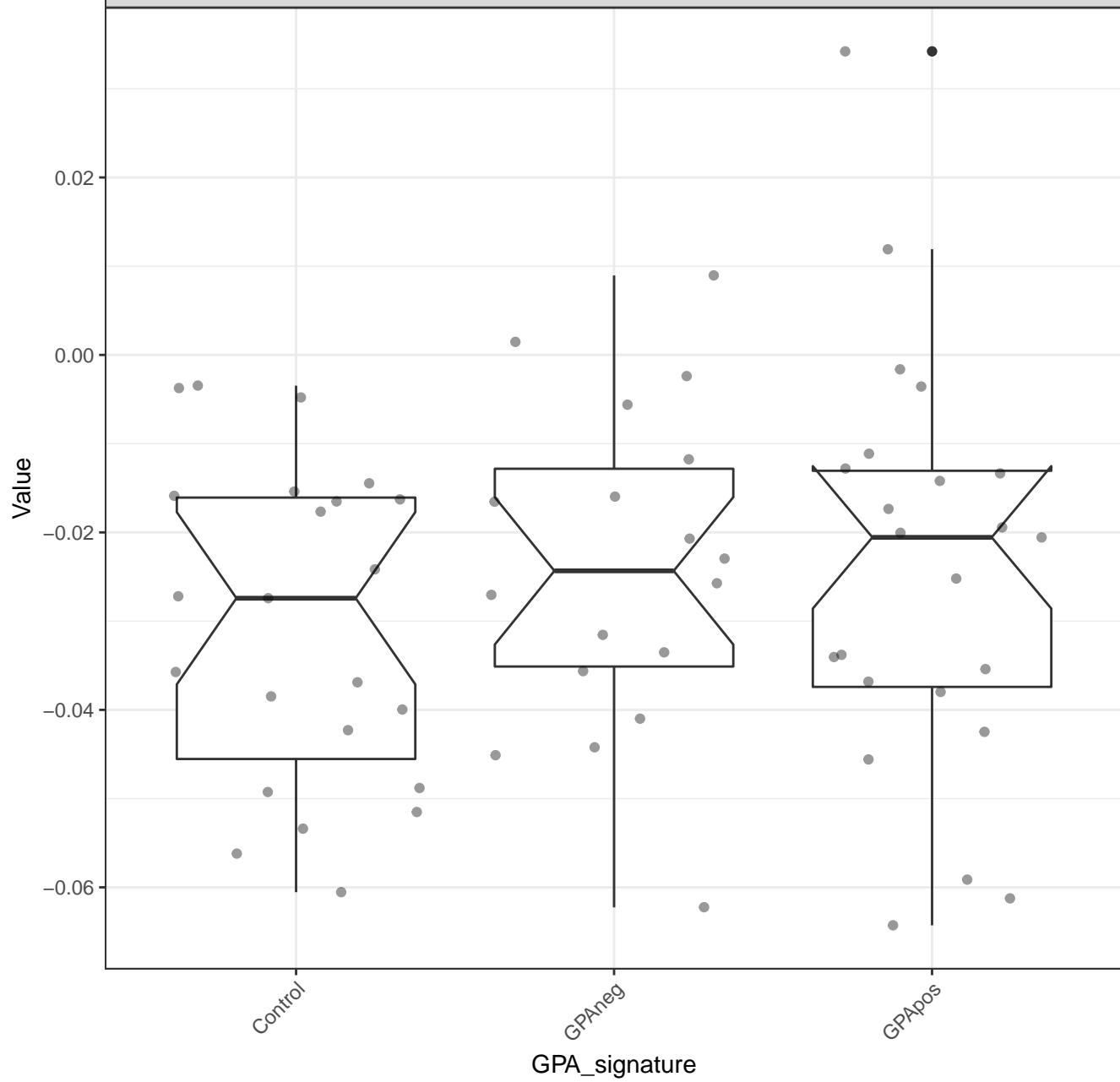


LV 644





LV 646



LV 647

Value

0.05

0.00

-0.05

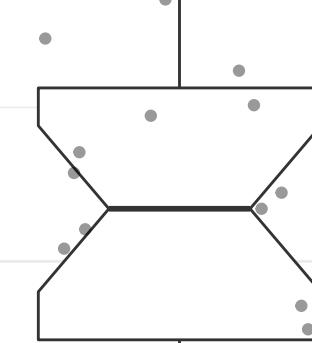
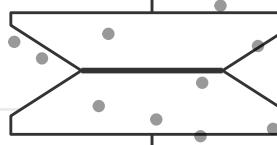
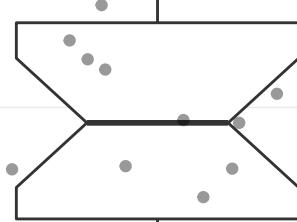
-0.10

Control

GPAneg

GPAPos

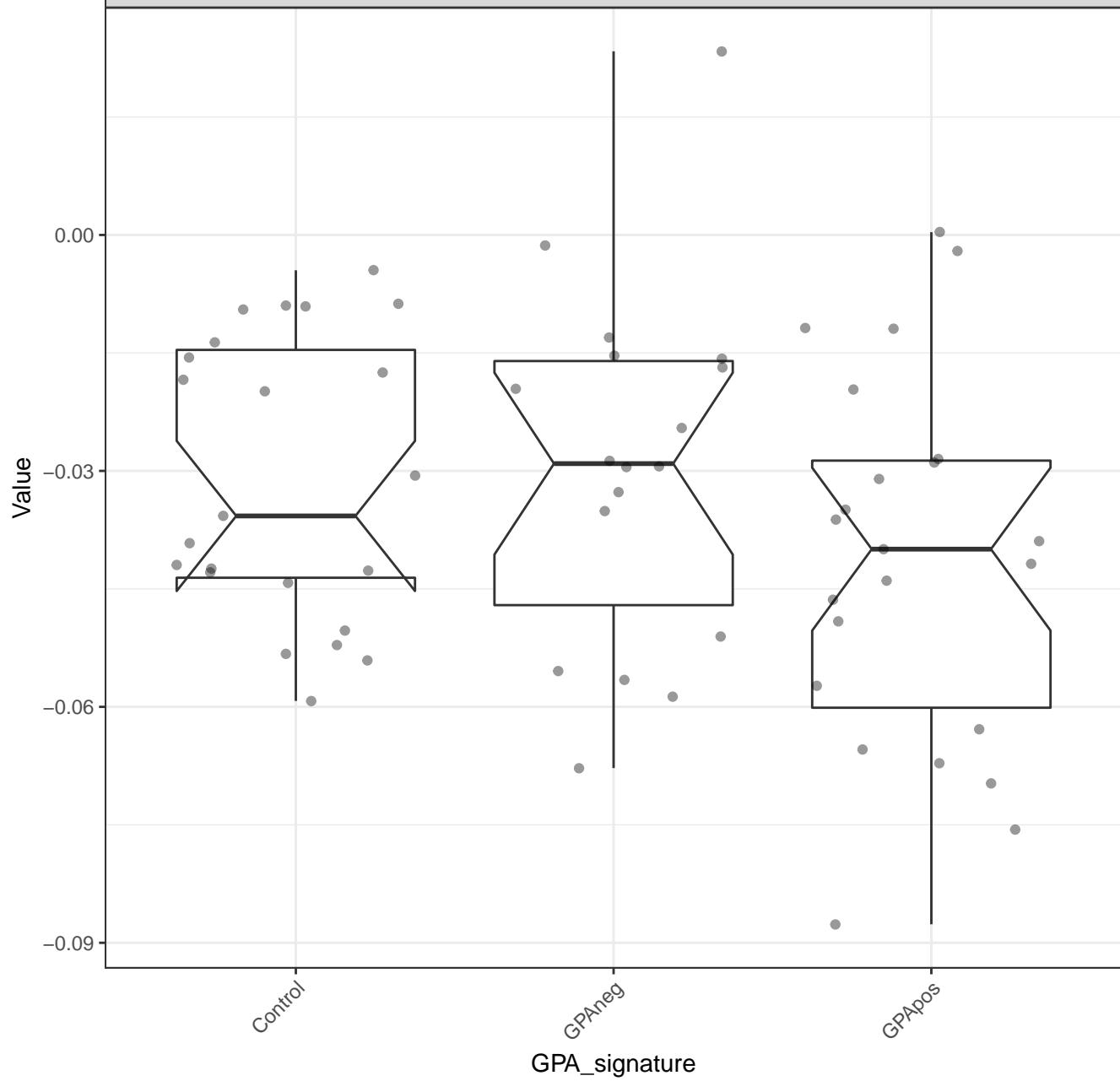
GPA_signature



GPA neg

GPAPos

LV 648



649,IRIS_Monocyte–Day1

Value

0.05

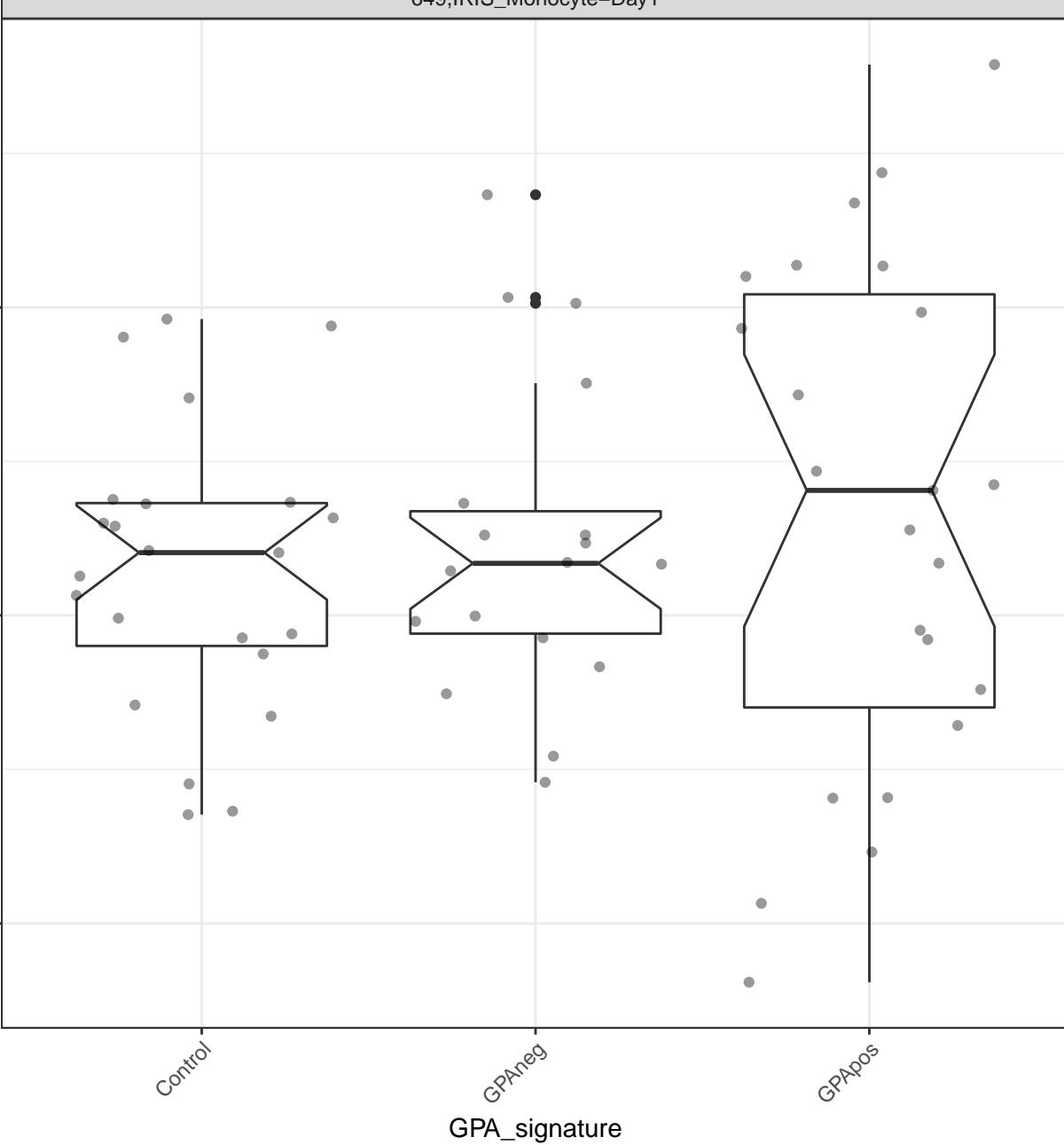
0.00

-0.05

Control

GPA⁻GPA⁺

GPA_signature



LV 650

Value

0.05

0.00

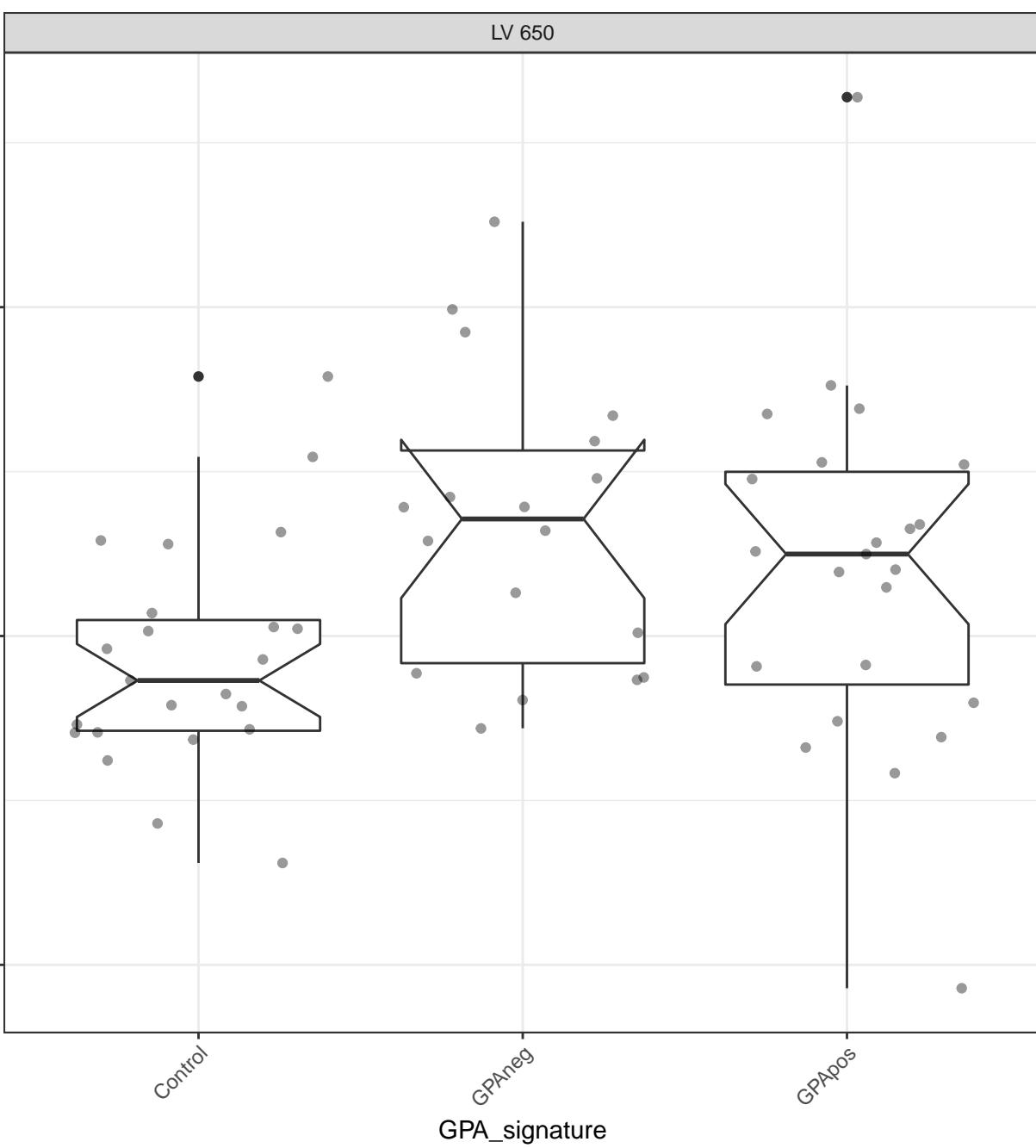
-0.05

Control

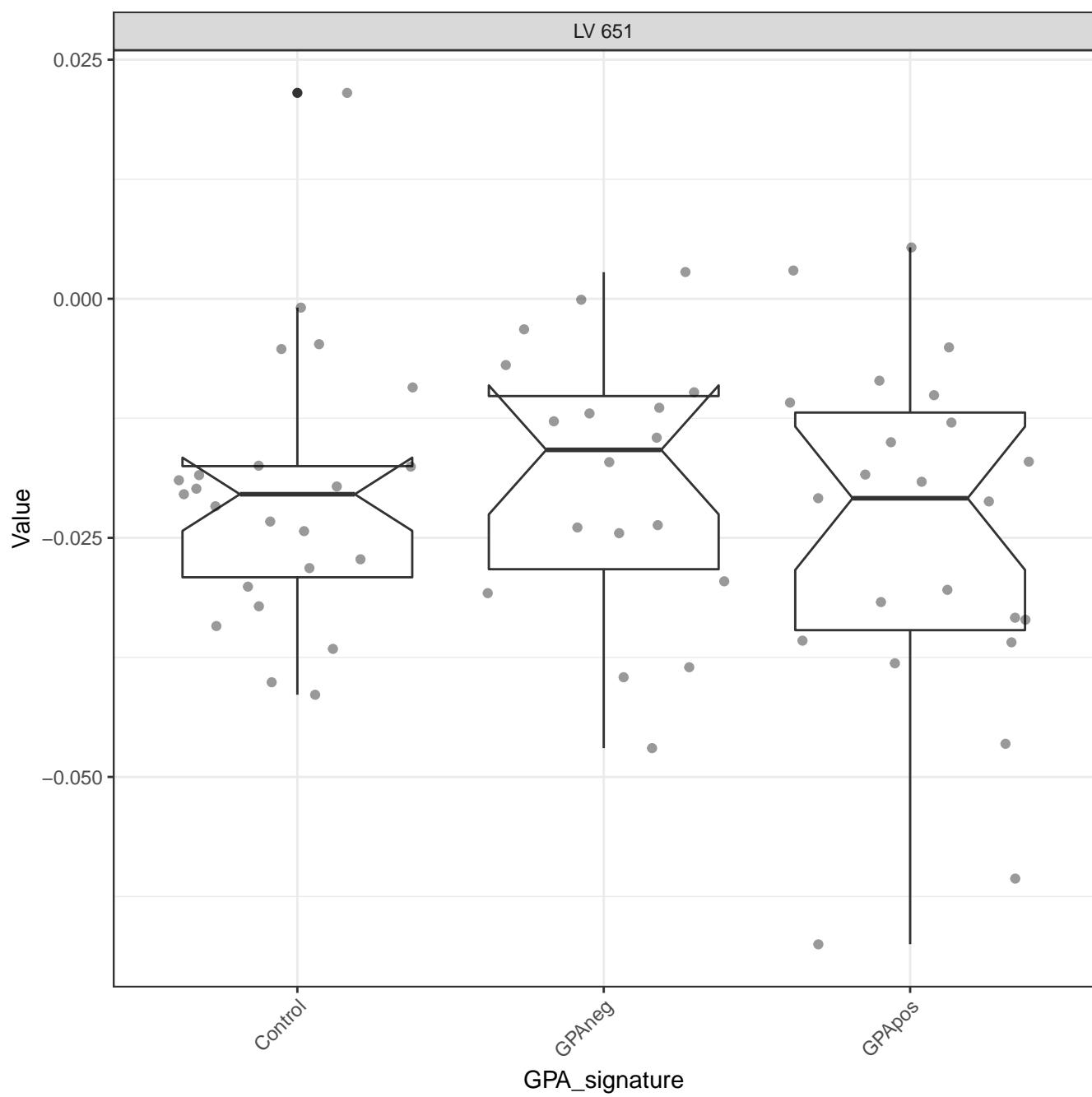
GPA_signature

GPAneg

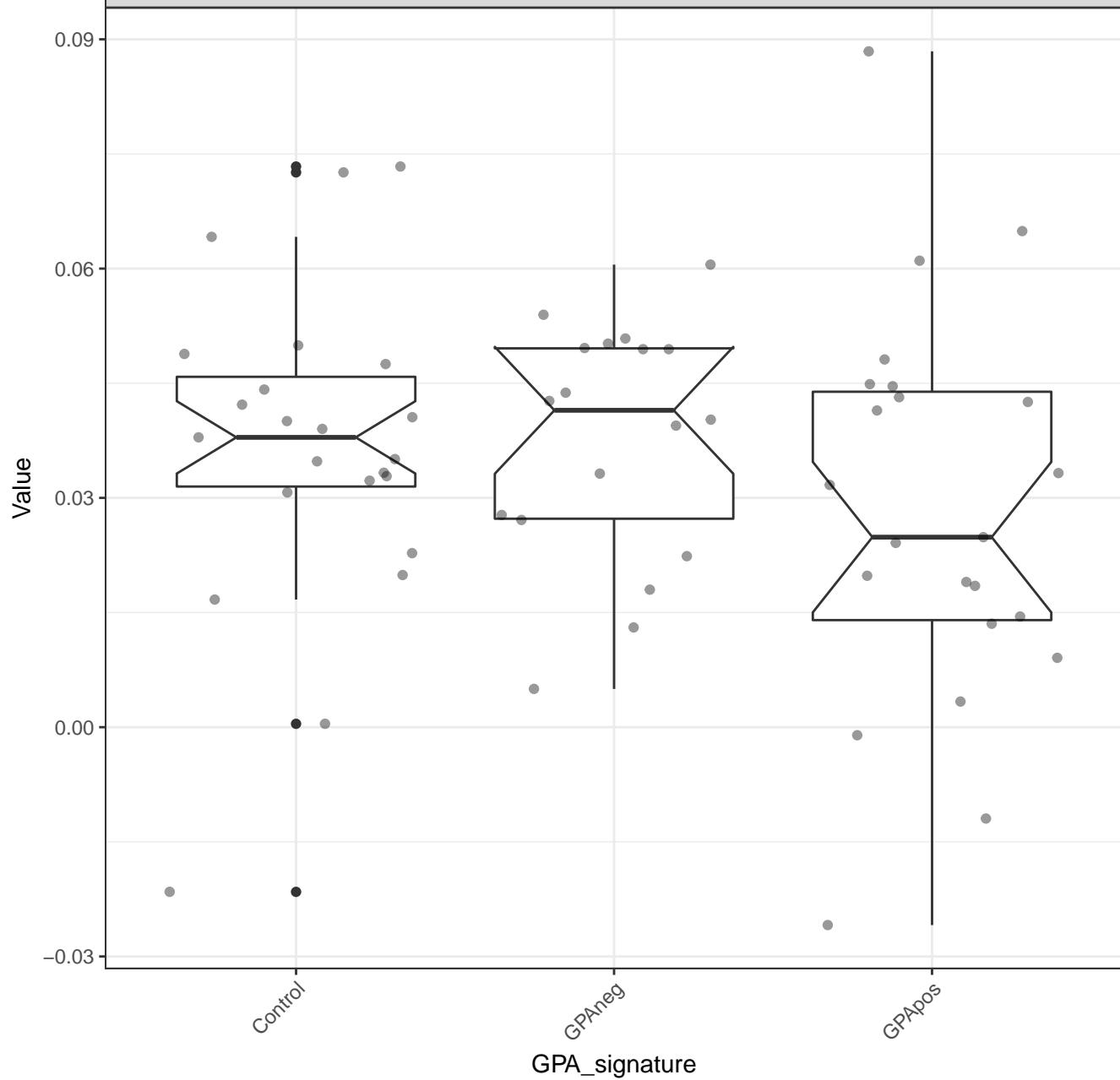
GPApos



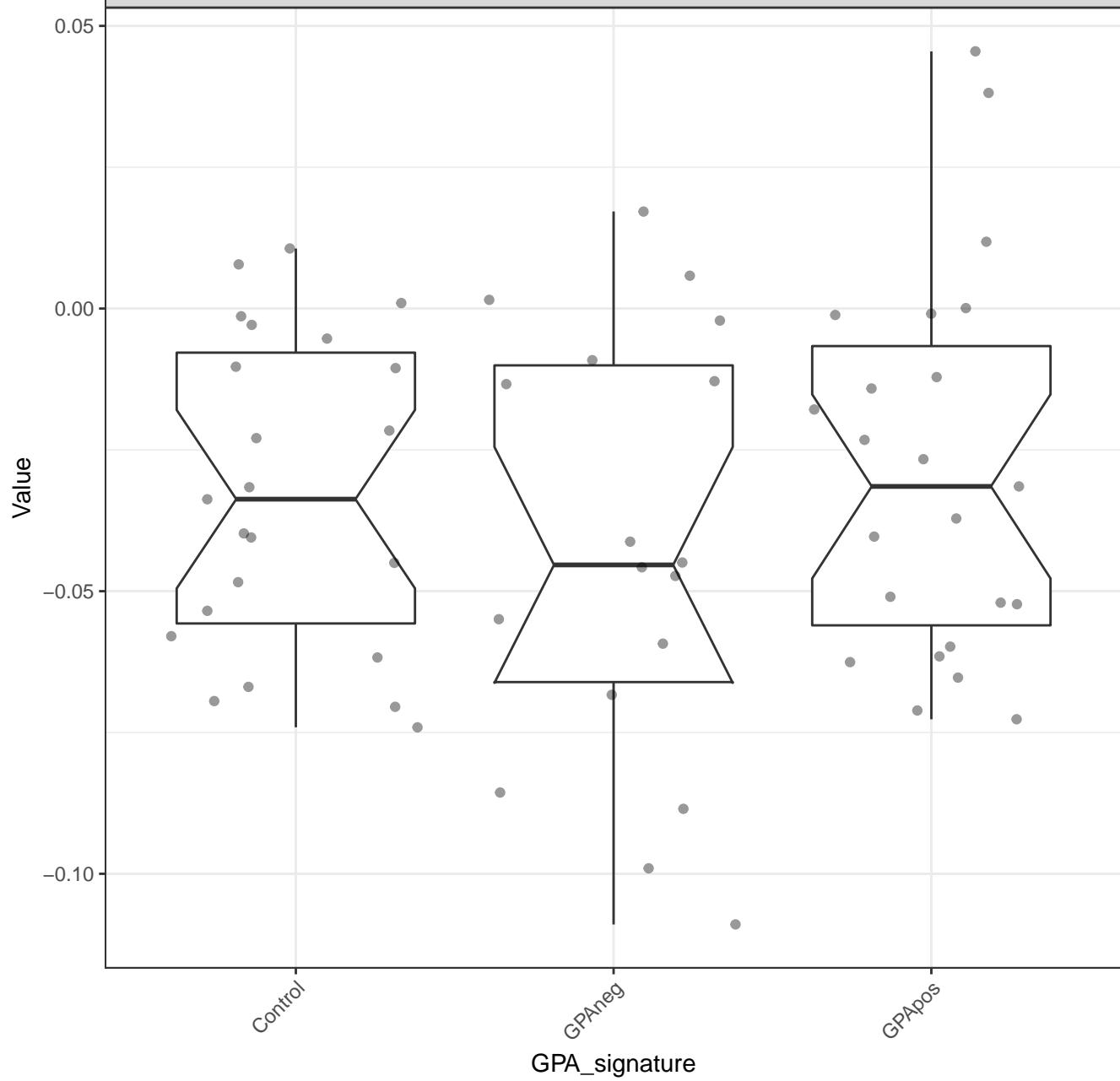
LV 651



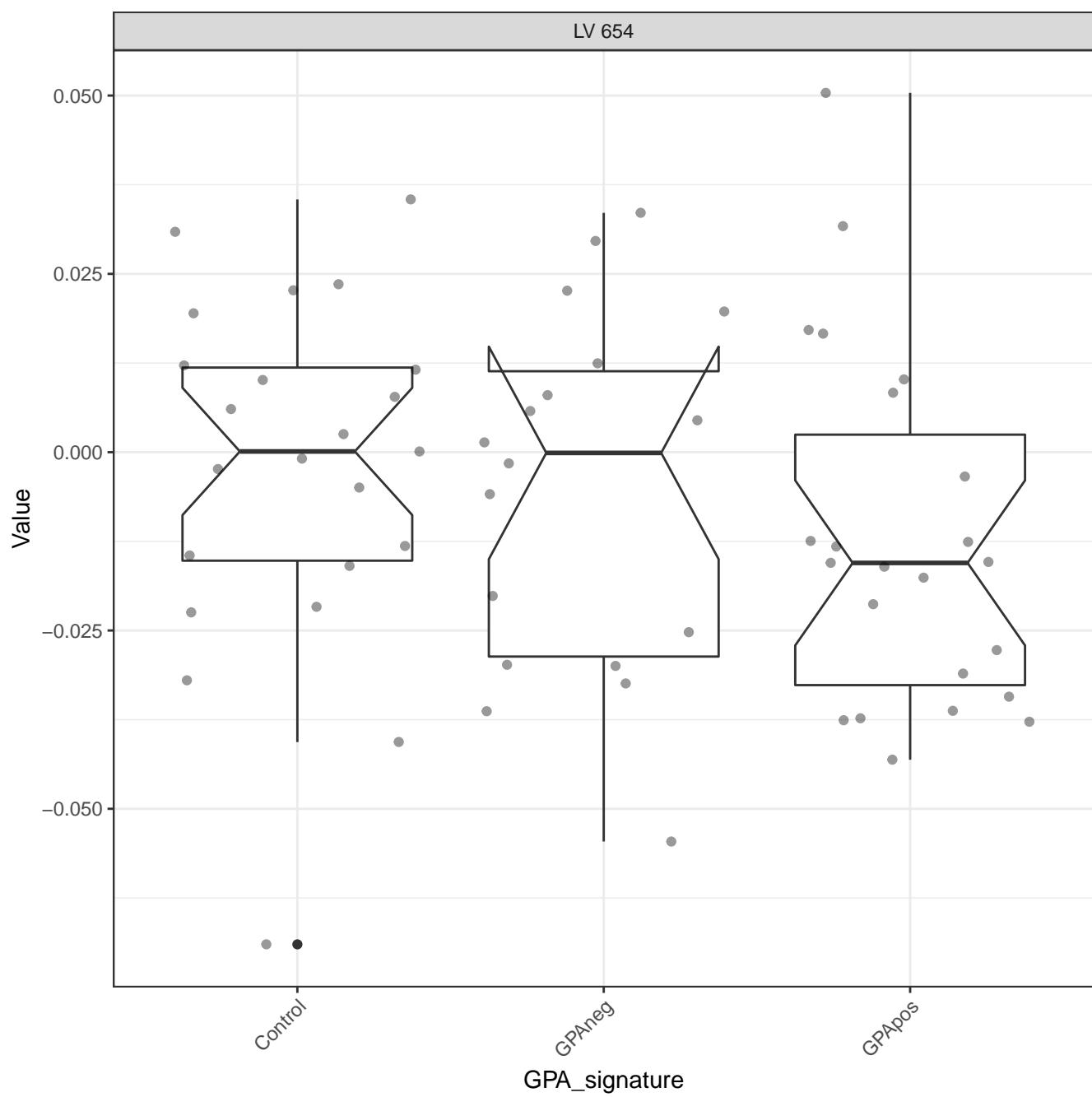
LV 652



LV 653



LV 654



LV 655

Value

0.025

0.000

-0.025

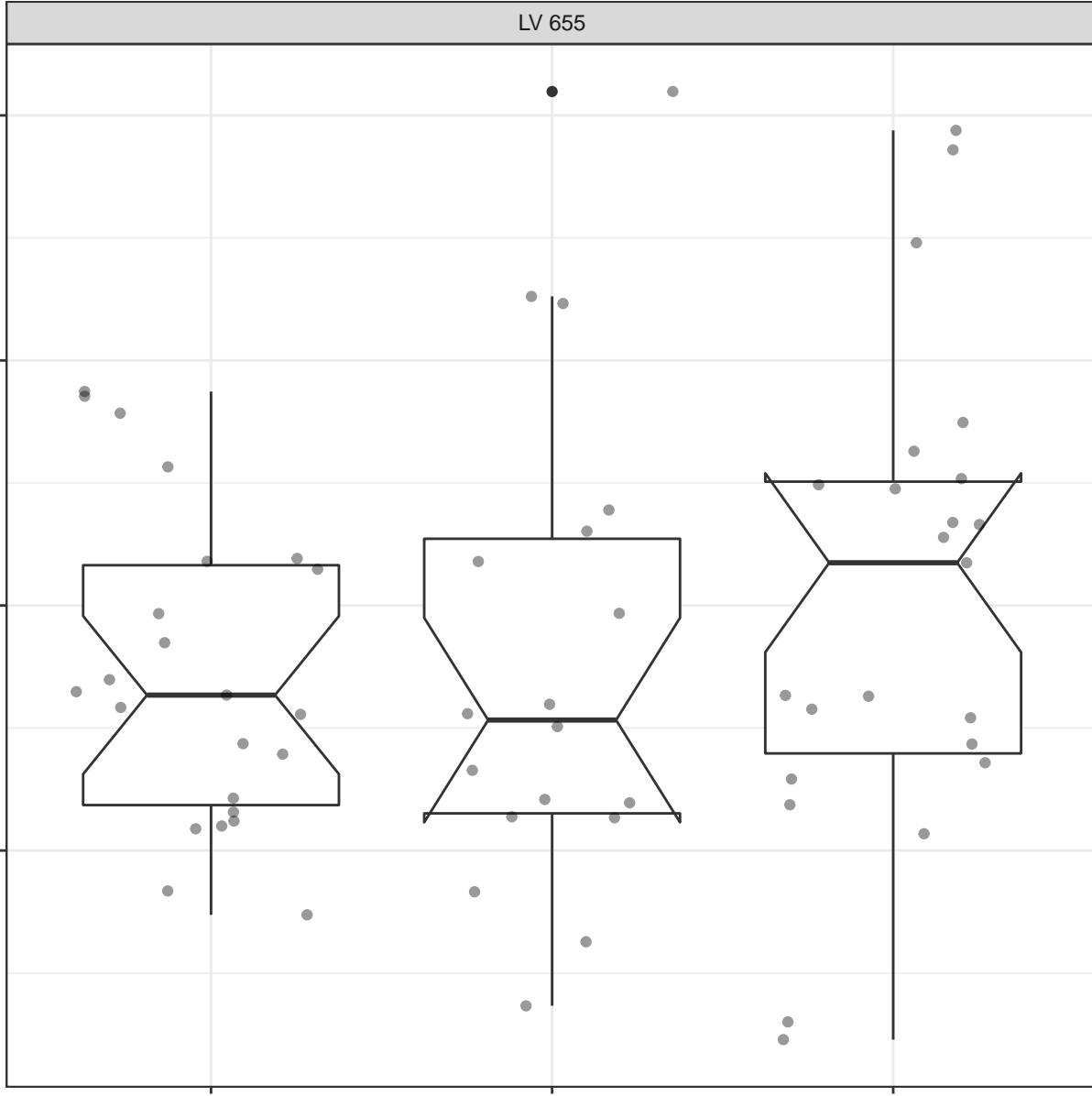
-0.050

Control

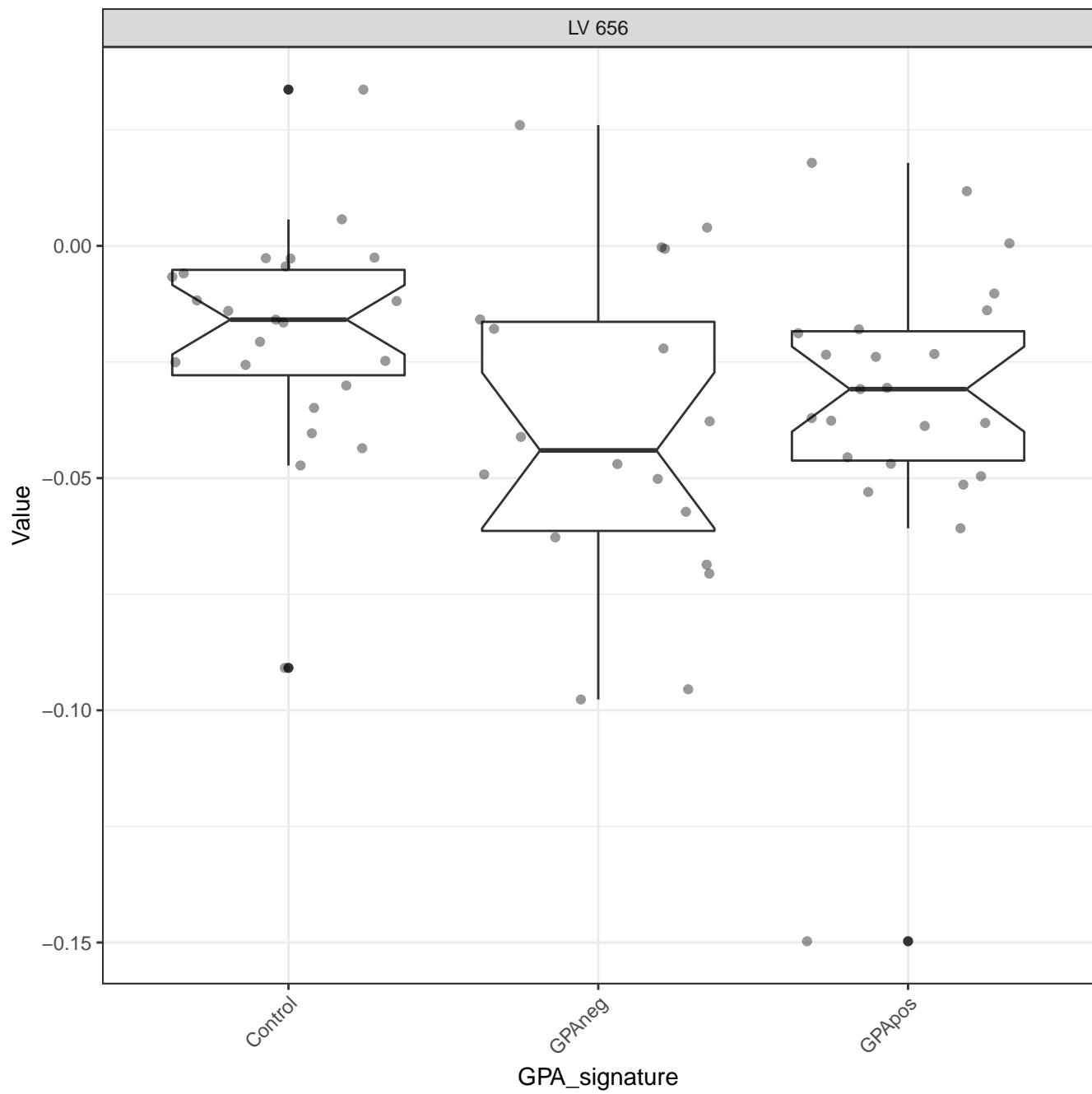
GPA_signature

GPAneg

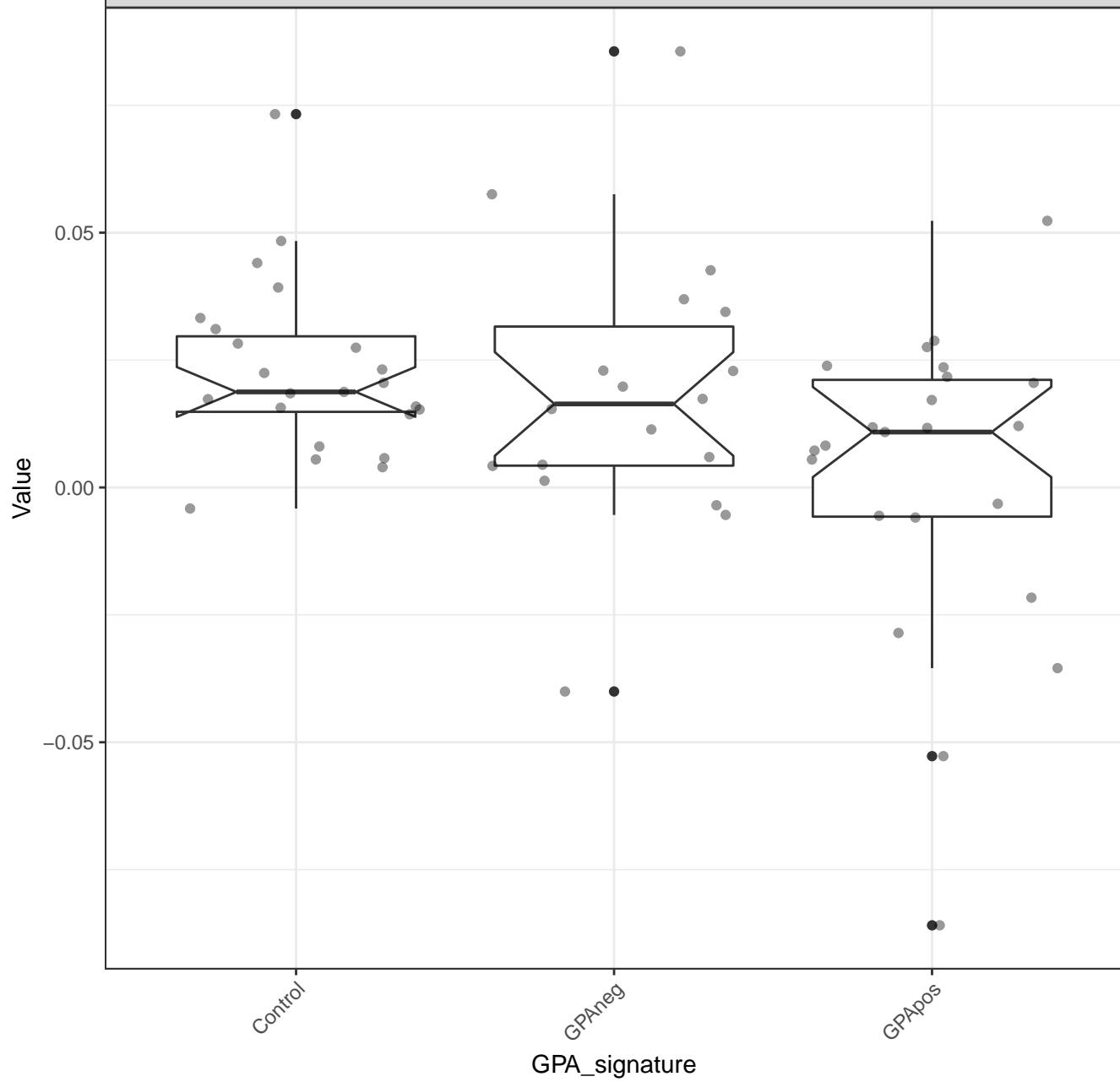
GPAPos



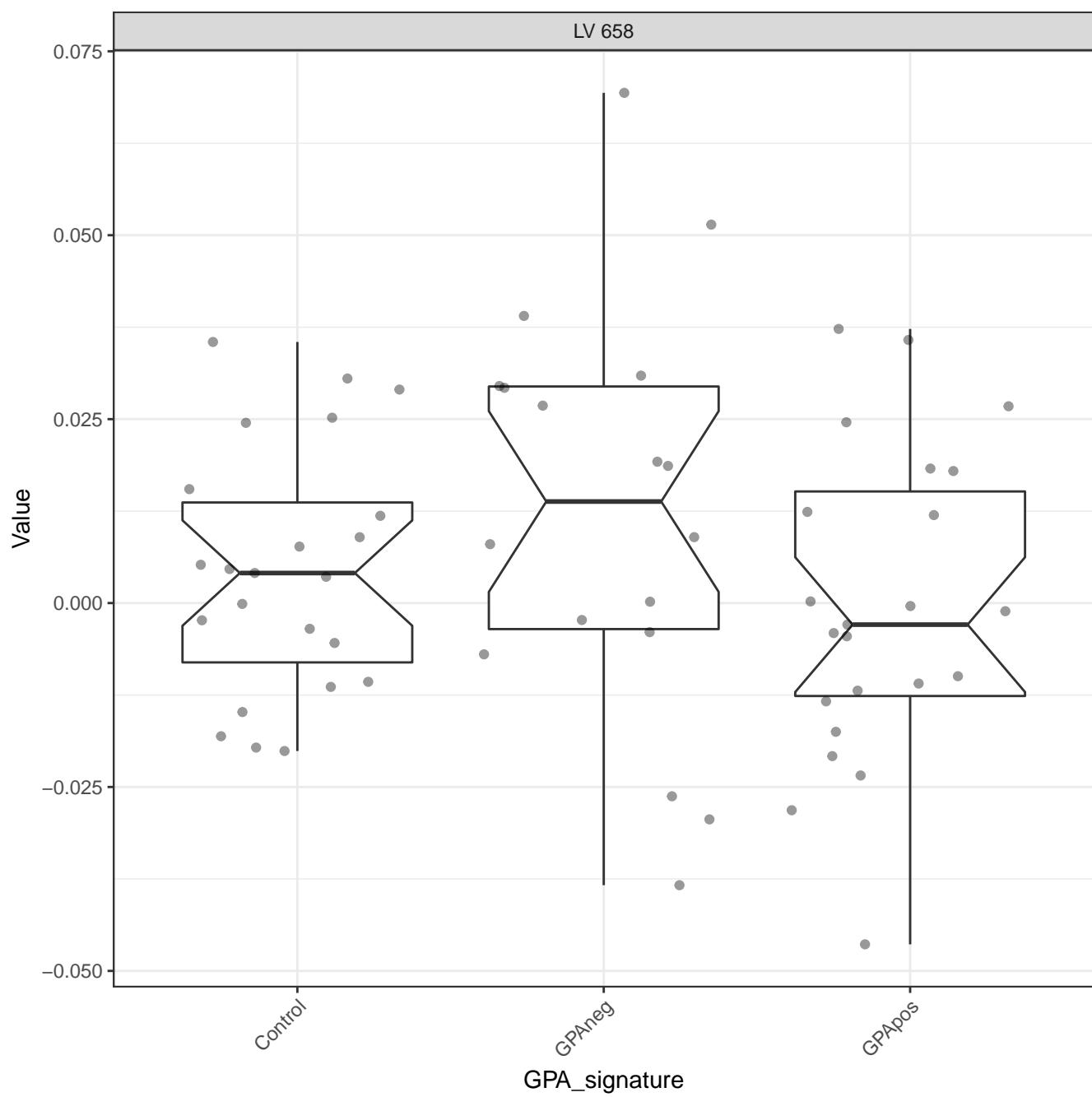
LV 656



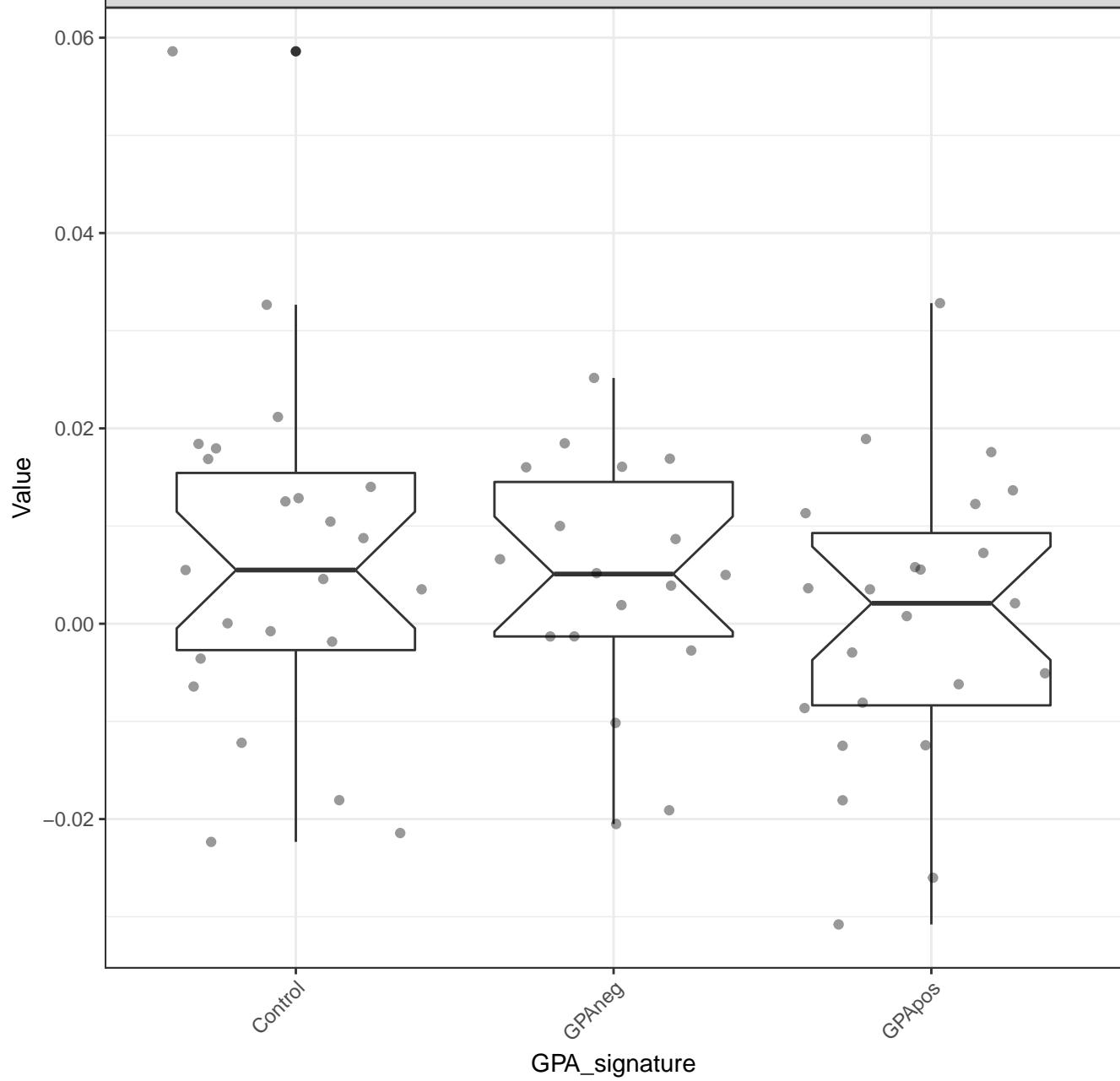
LV 657



LV 658



LV 659



LV 660

Value

0.02

0.01

-0.01

-0.02

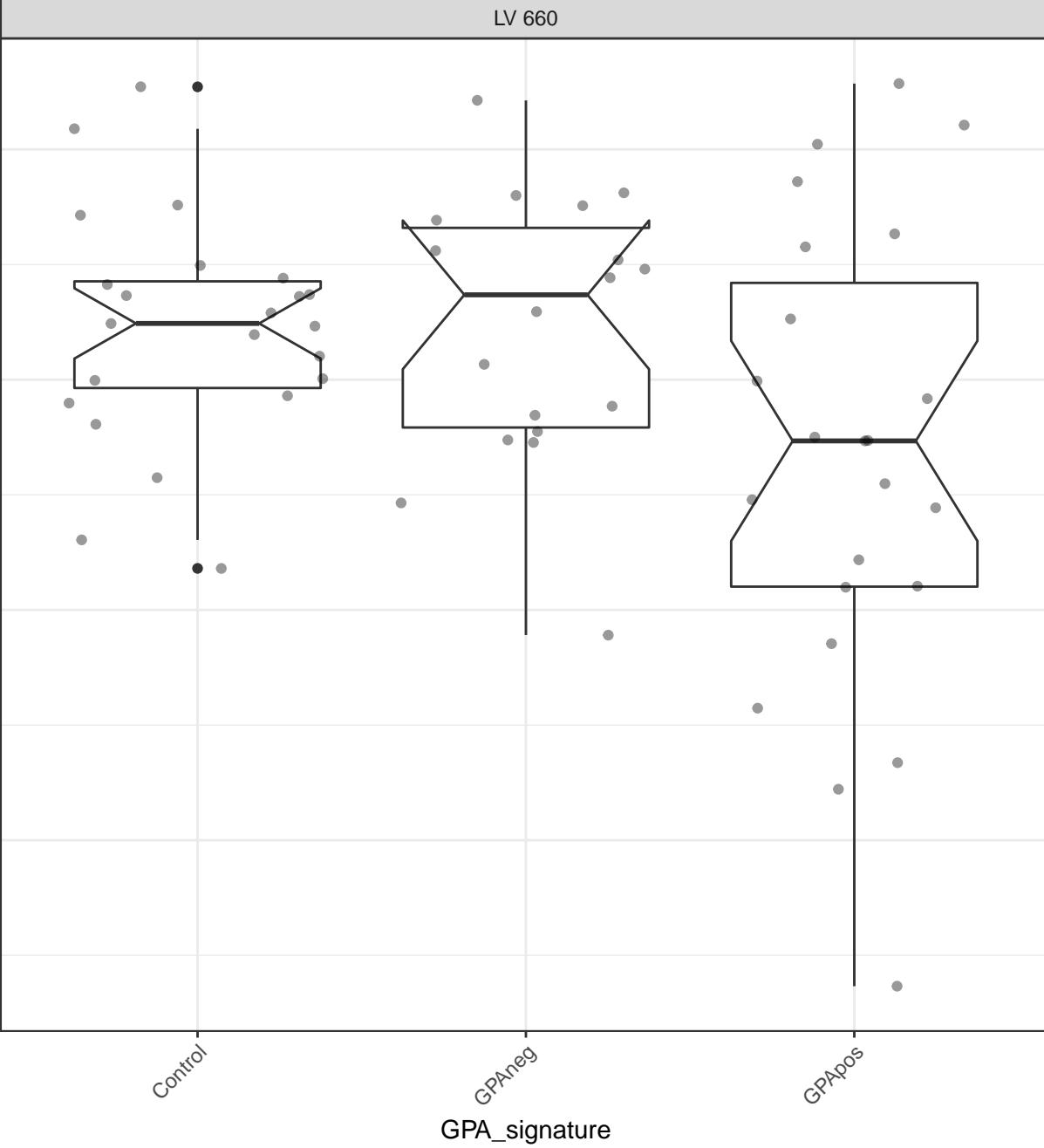
-0.03

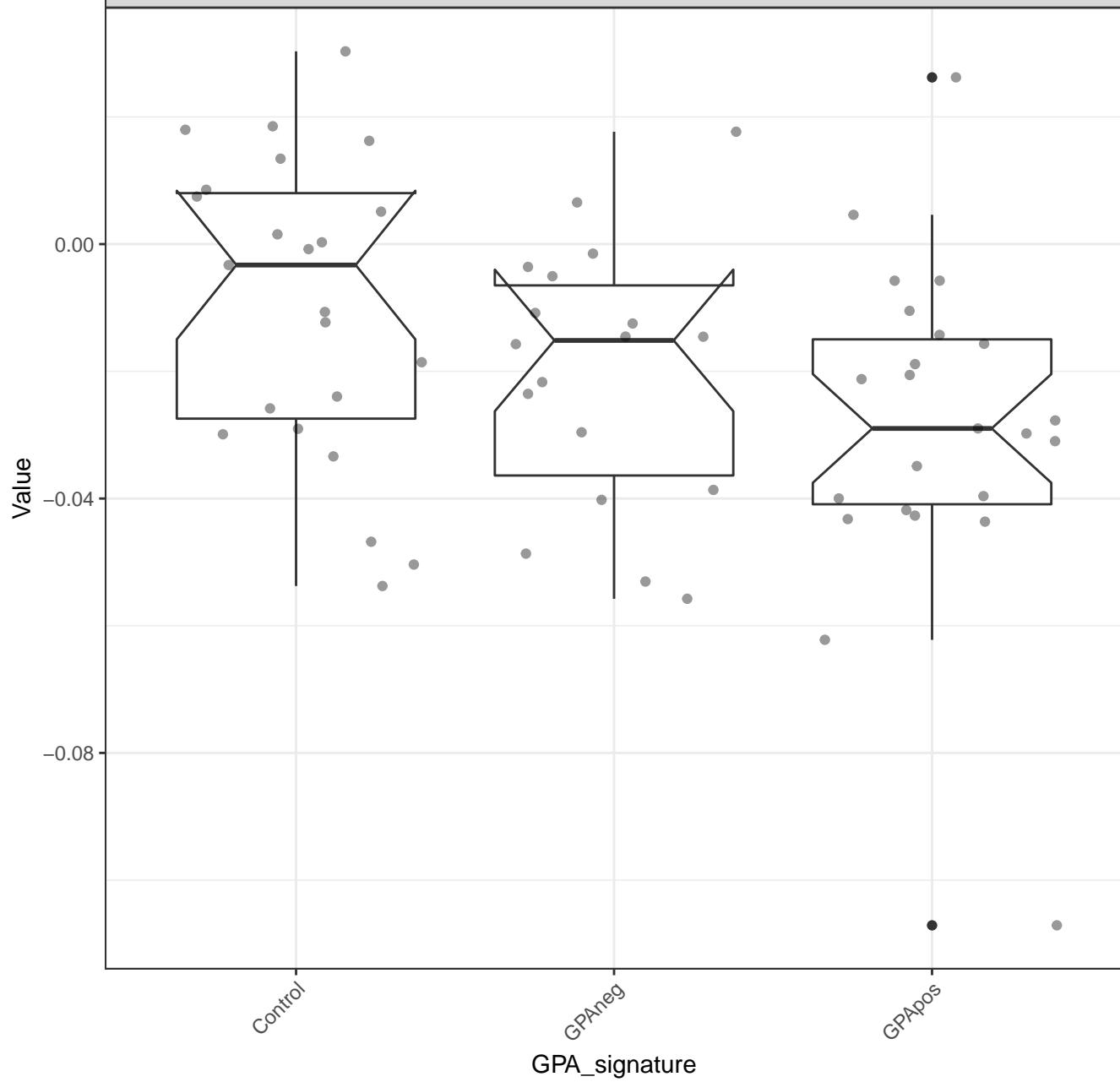
Control

GPAneg

GPAPos

GPA_signature





662,REACTOME_TRANSMISSION_ACROSS_CHEMICAL_SYNAPSES

Value

0.05

0.00

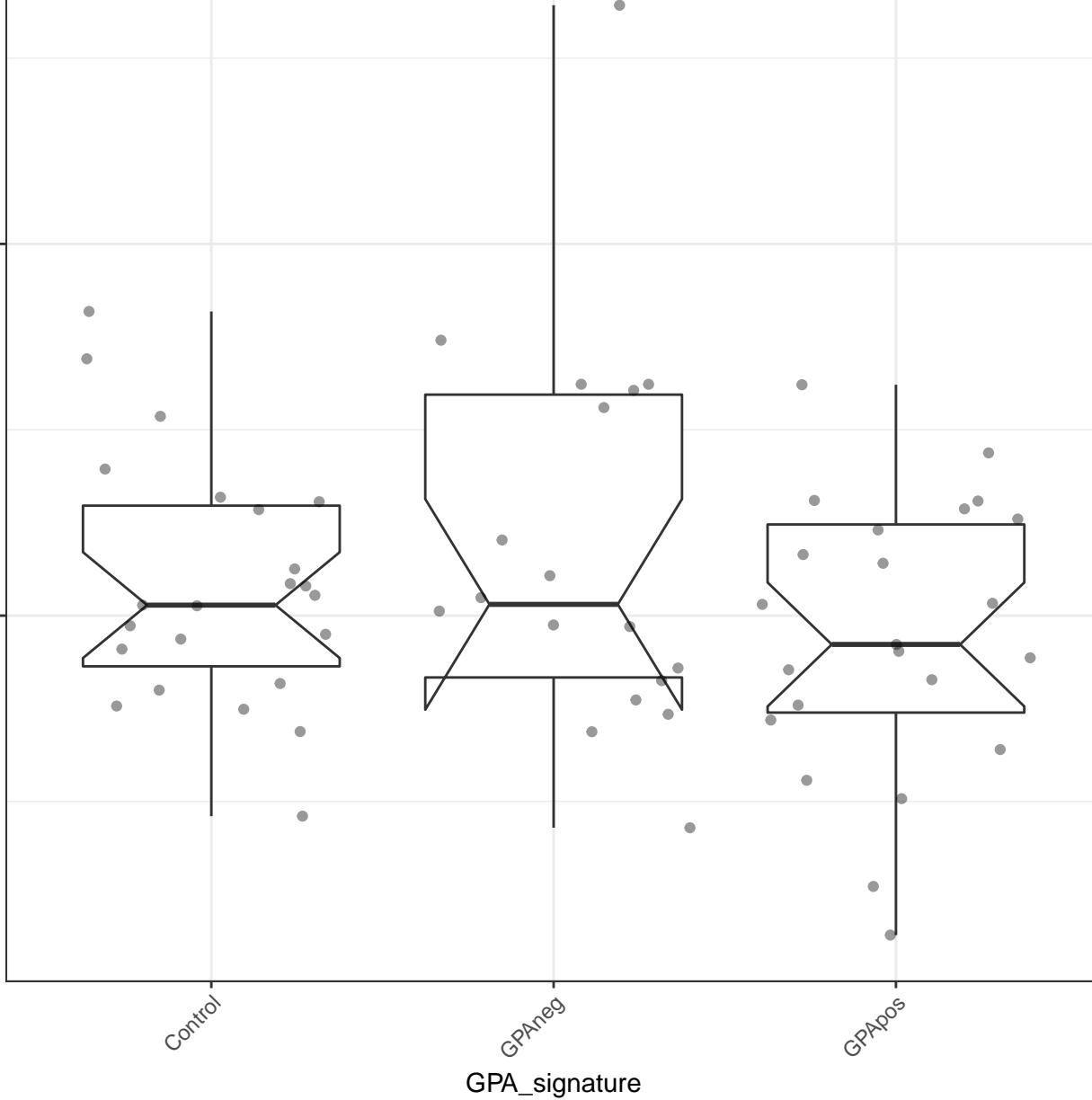
-0.05

Control

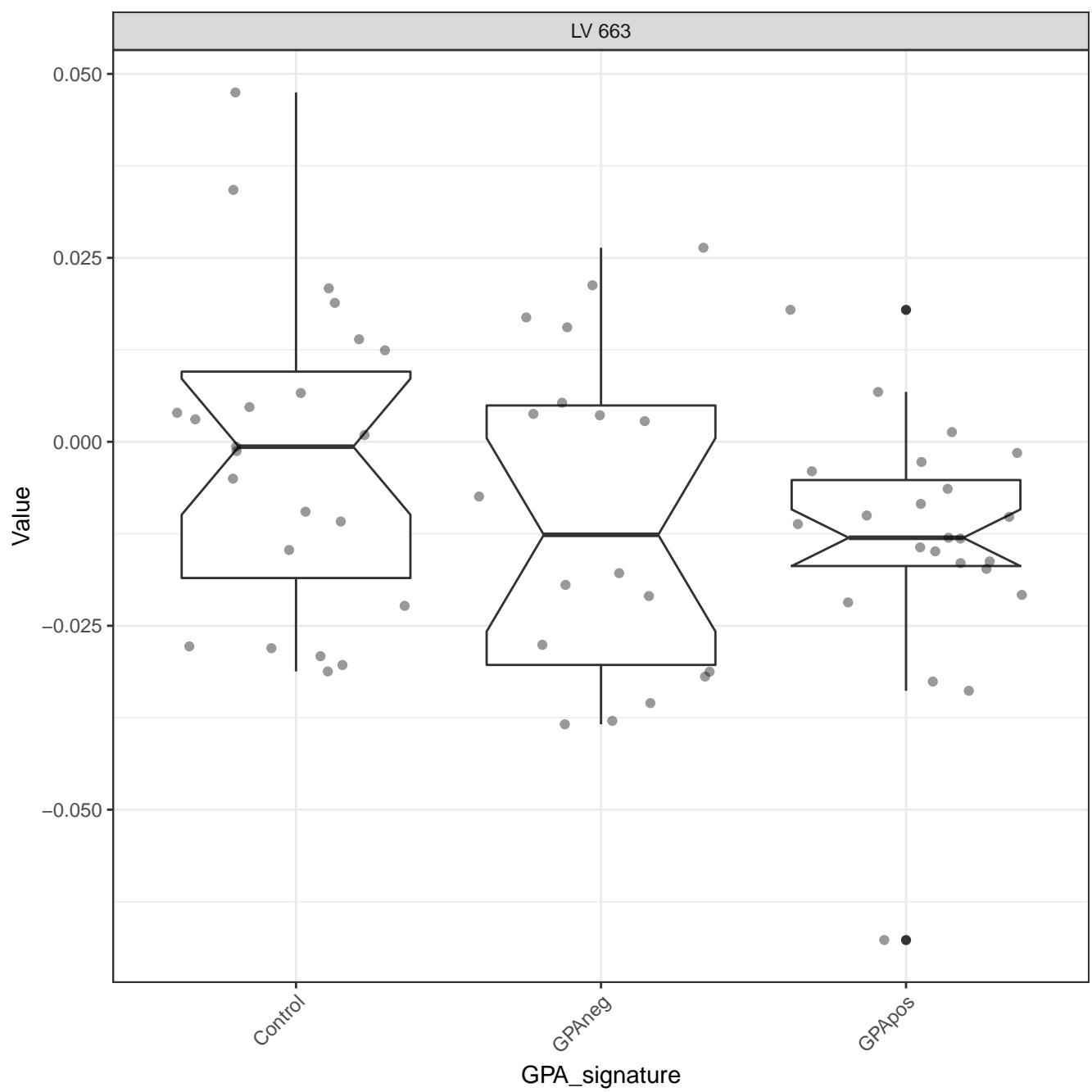
GPA_signature

GPAneg

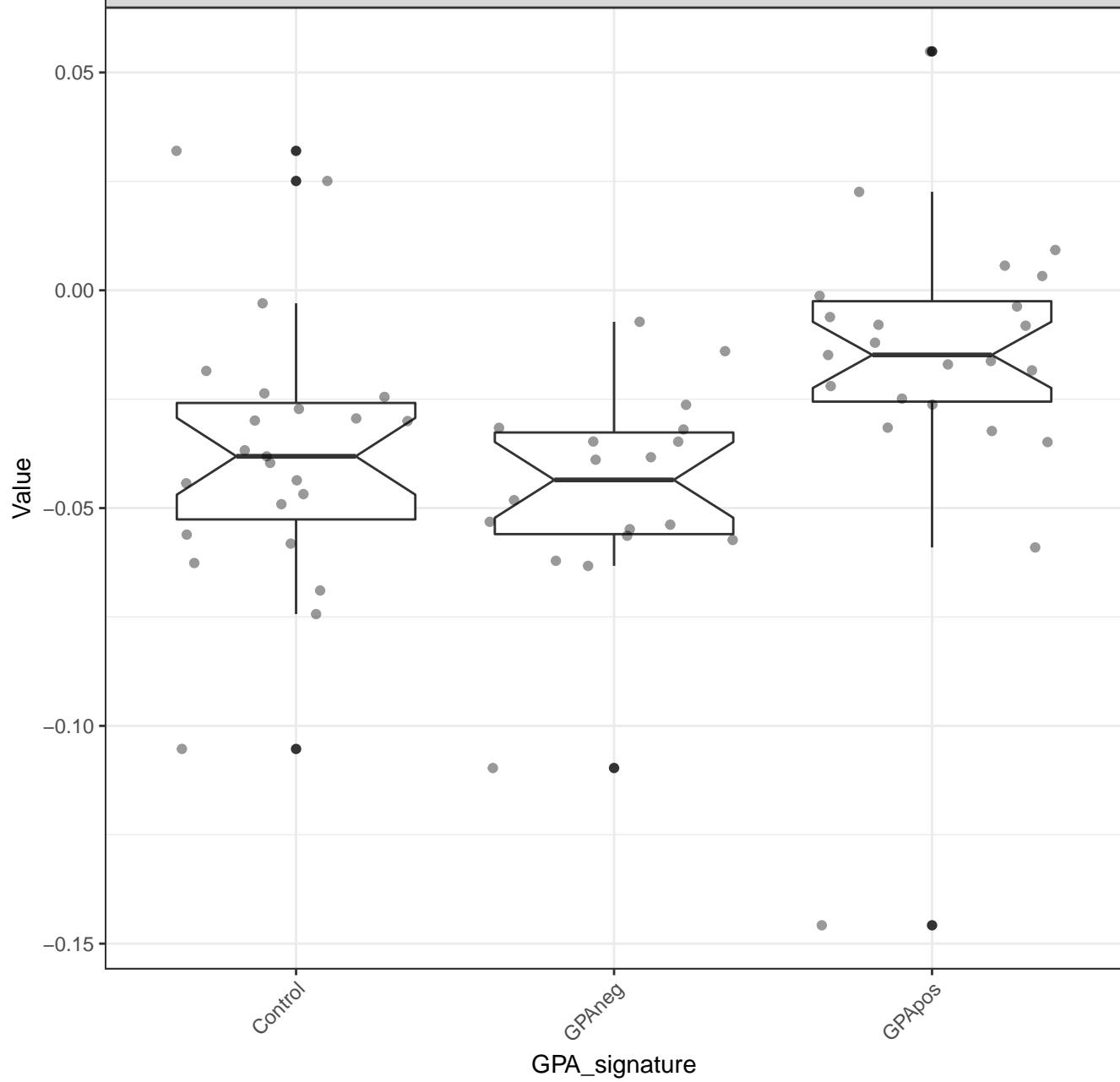
GPApos



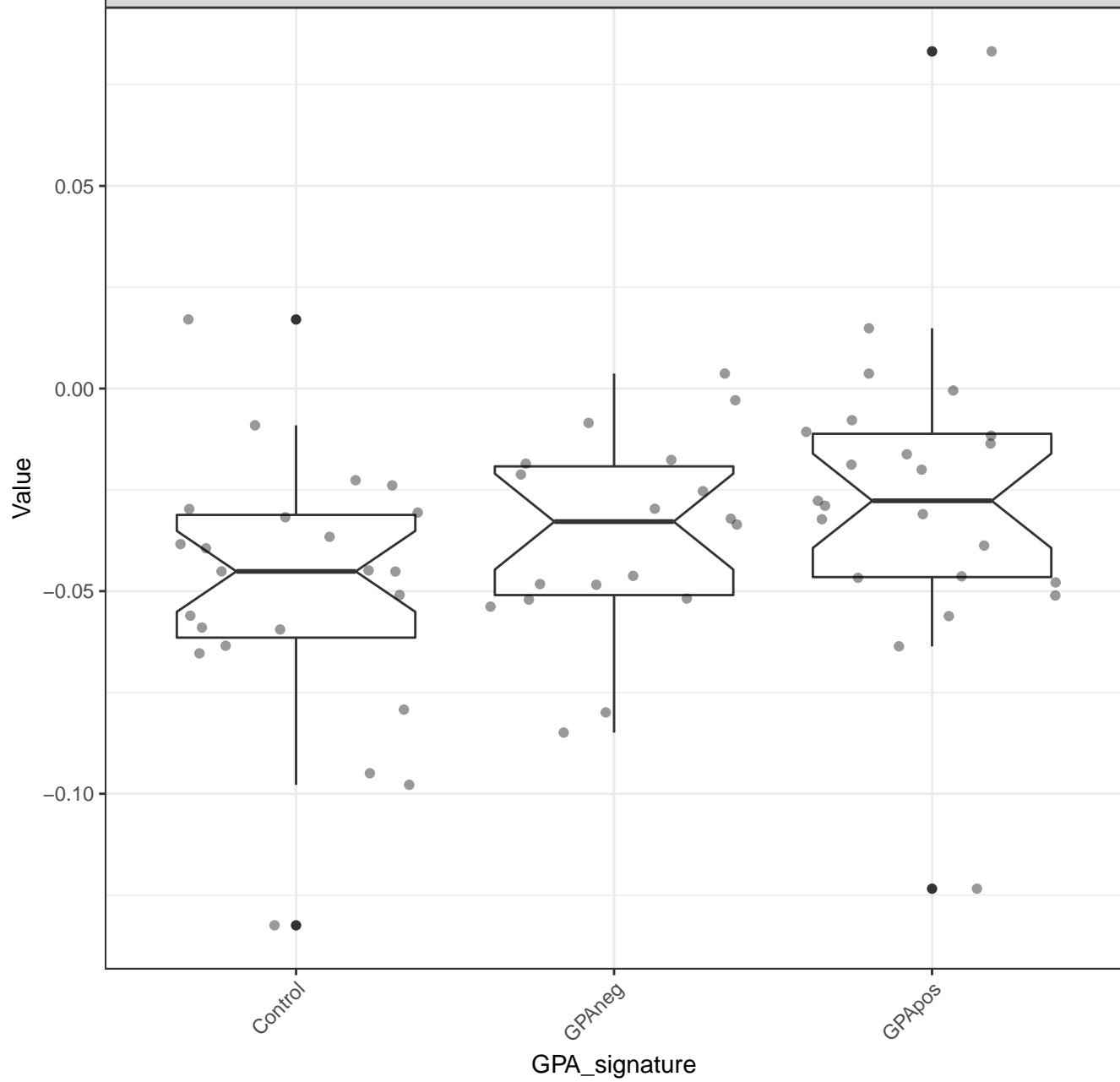
LV 663



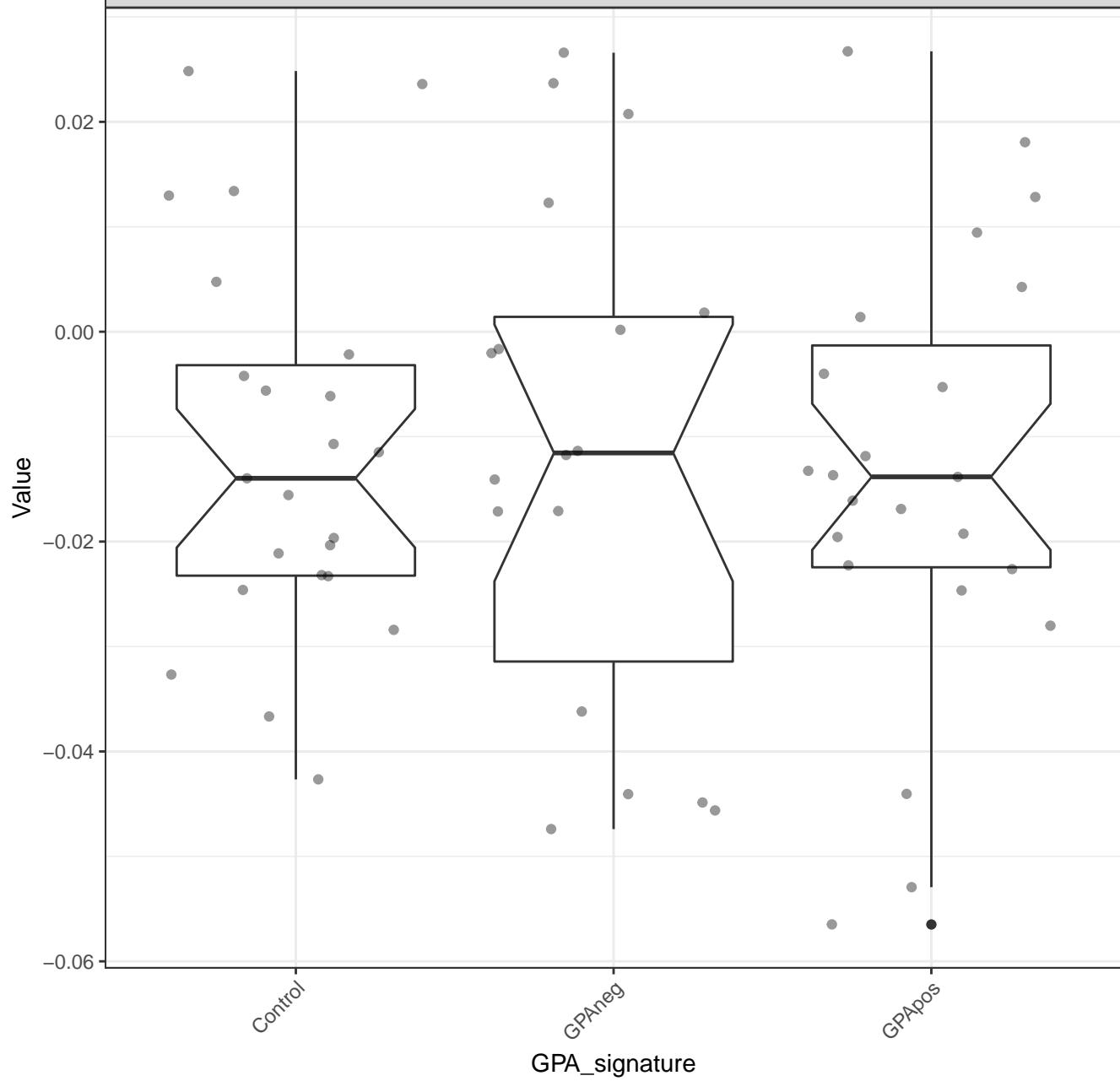
LV 664



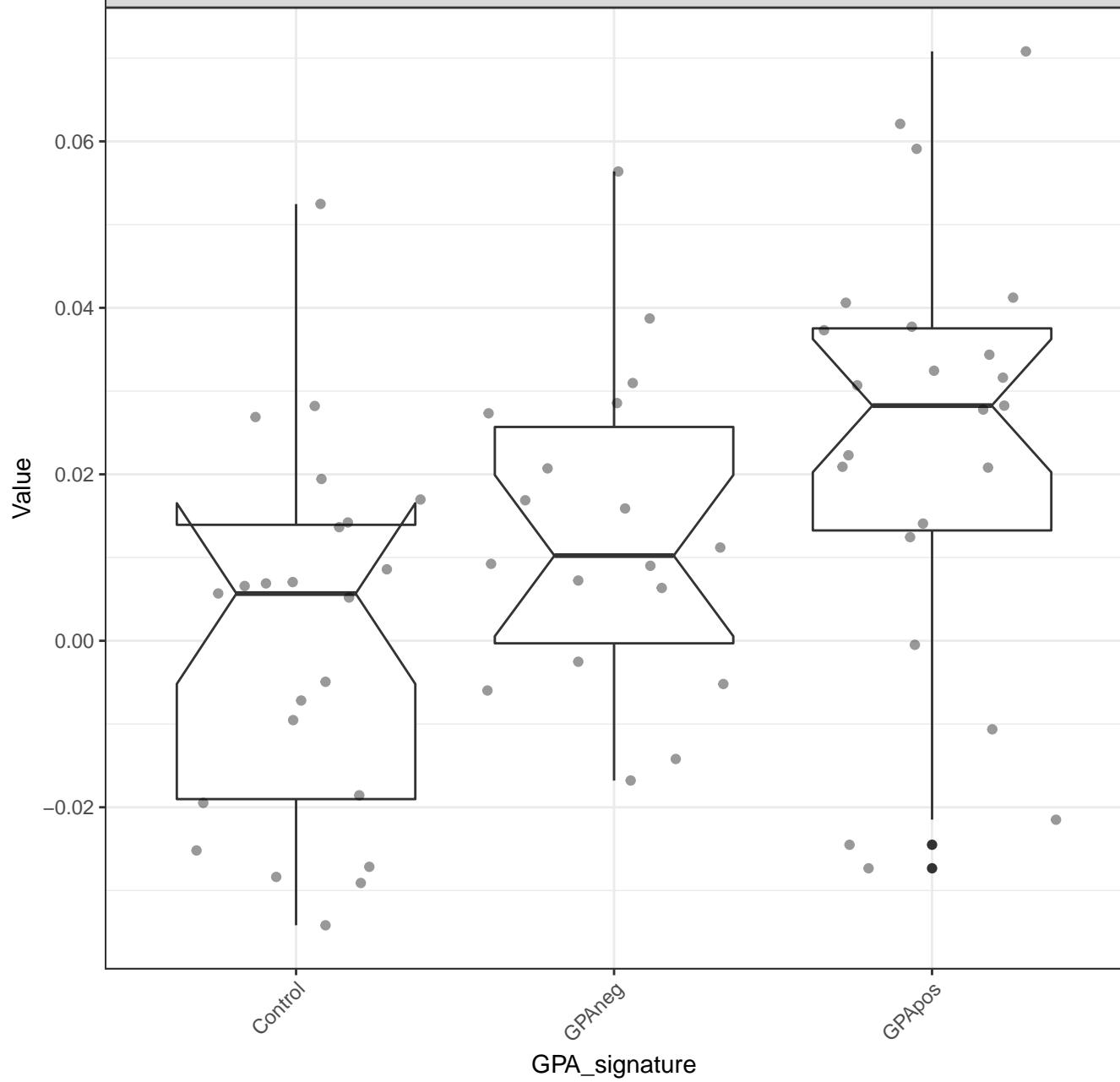
LV 665



LV 666



LV 667



LV 668

Value

0.06

0.04

0.02

0.00

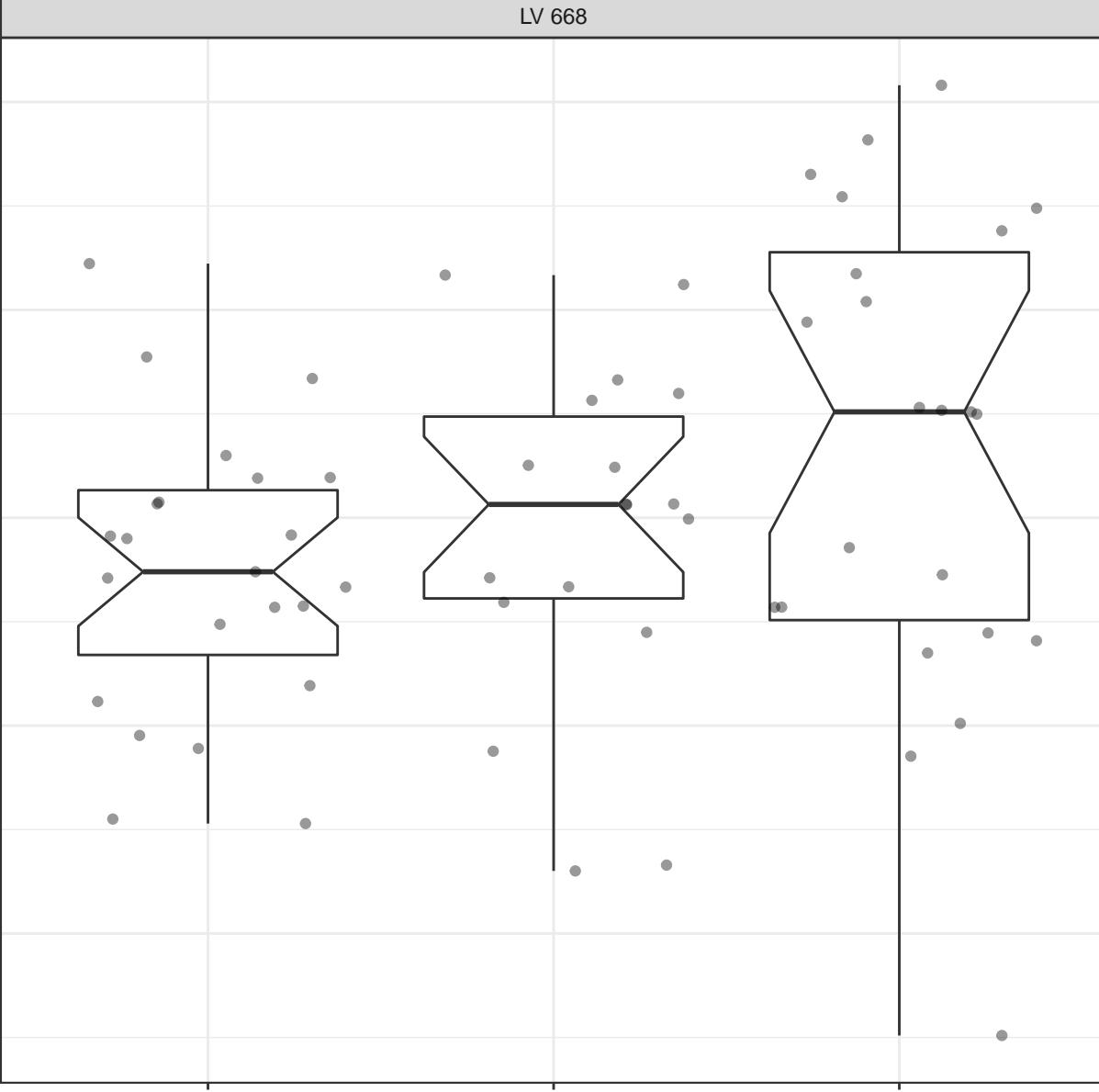
-0.02

Control

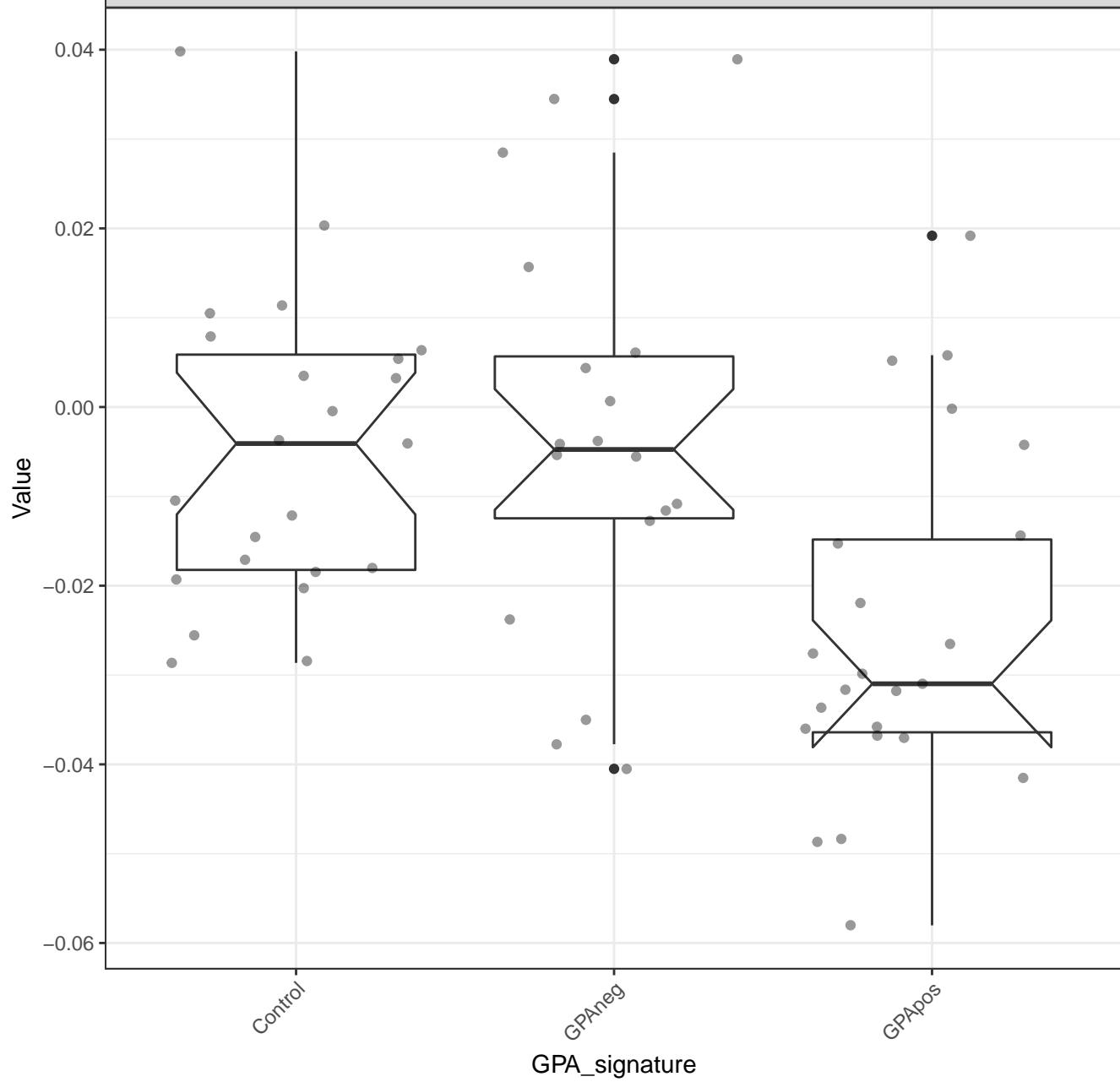
GPA_signature

GPAneg

GPAPos

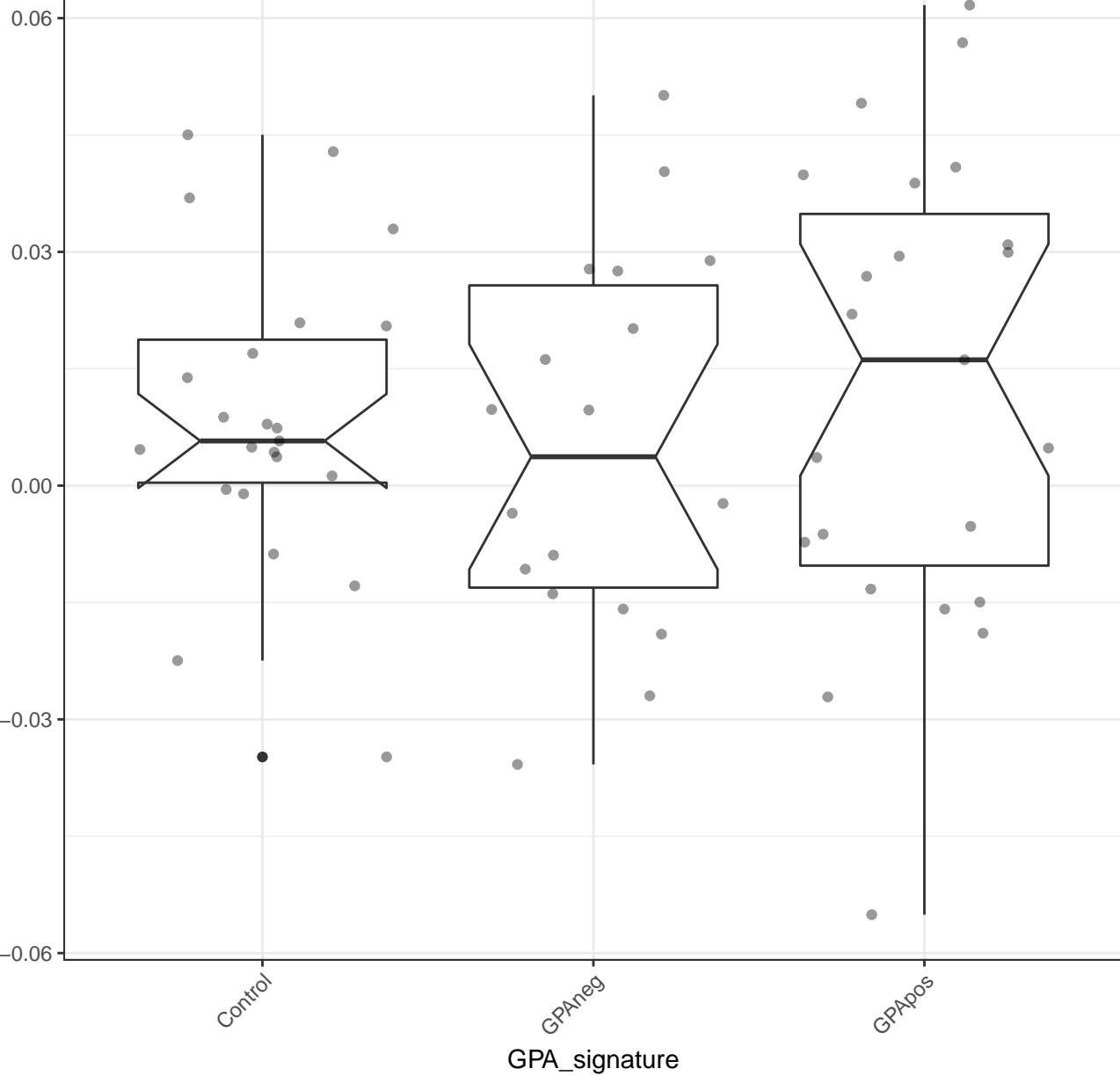


LV 669

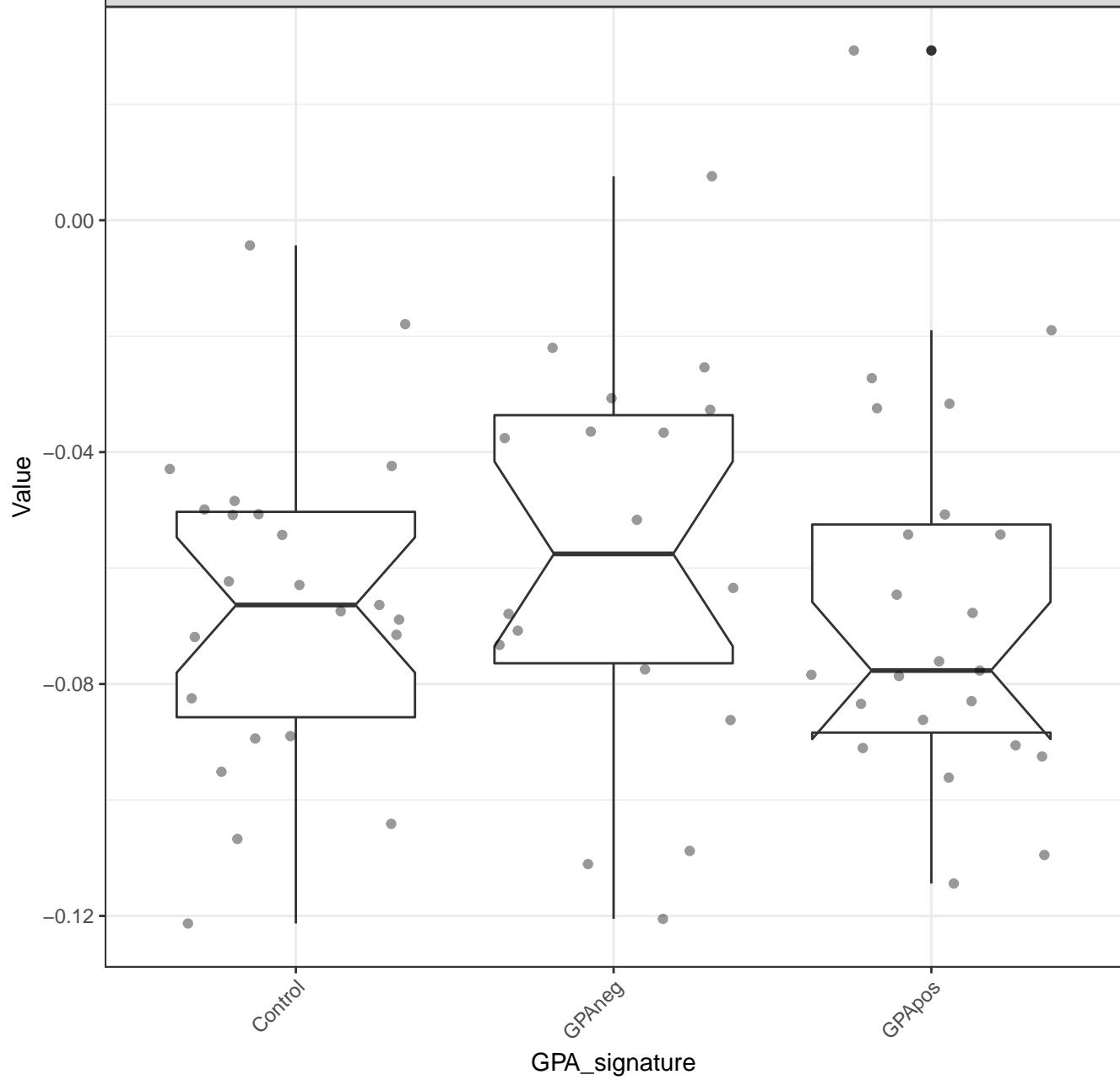


670,REACTOME_AMINO_ACID_AND_OLIGOPEPTIDE_SLC_TRANSPORTERS

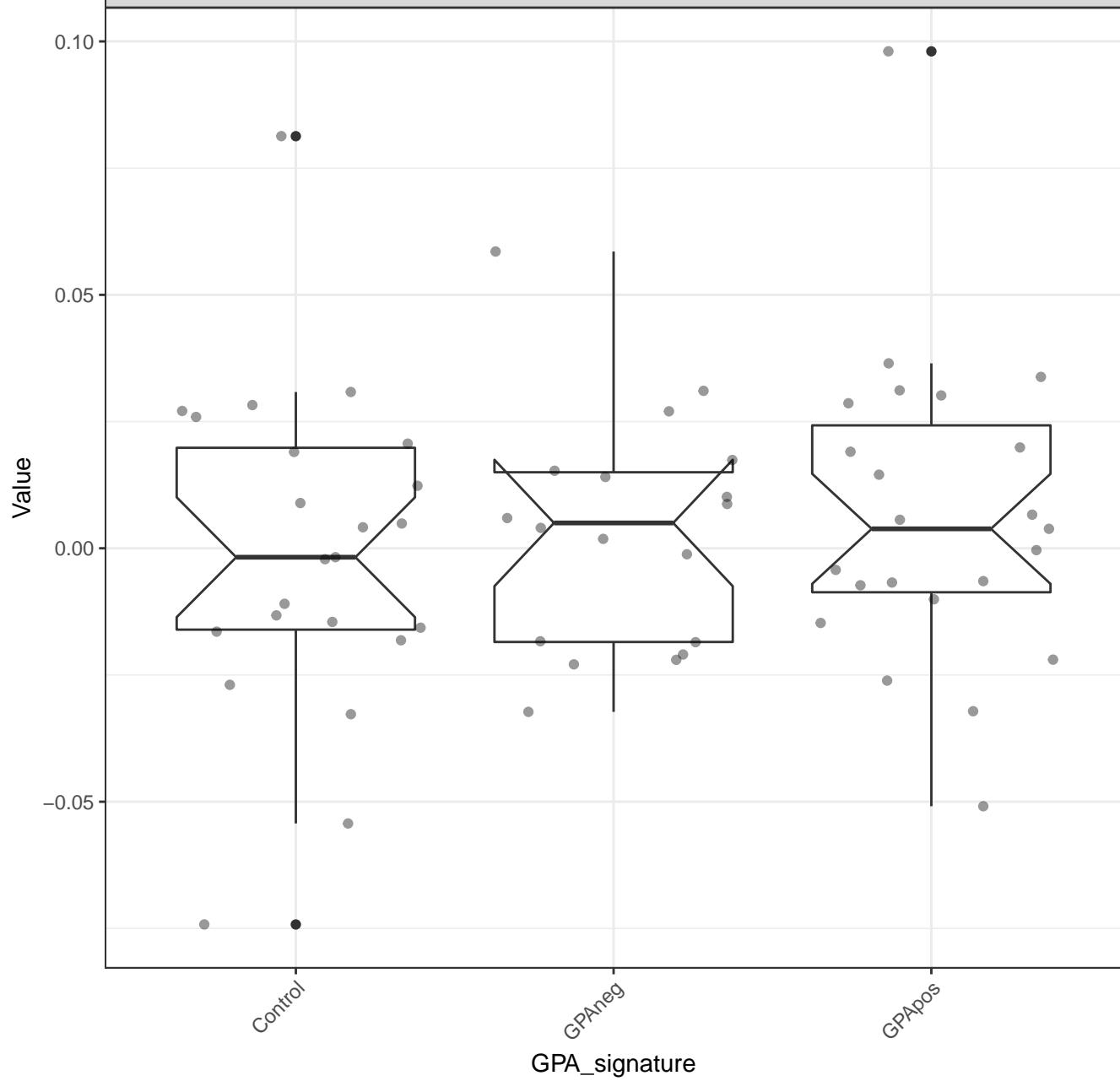
Value



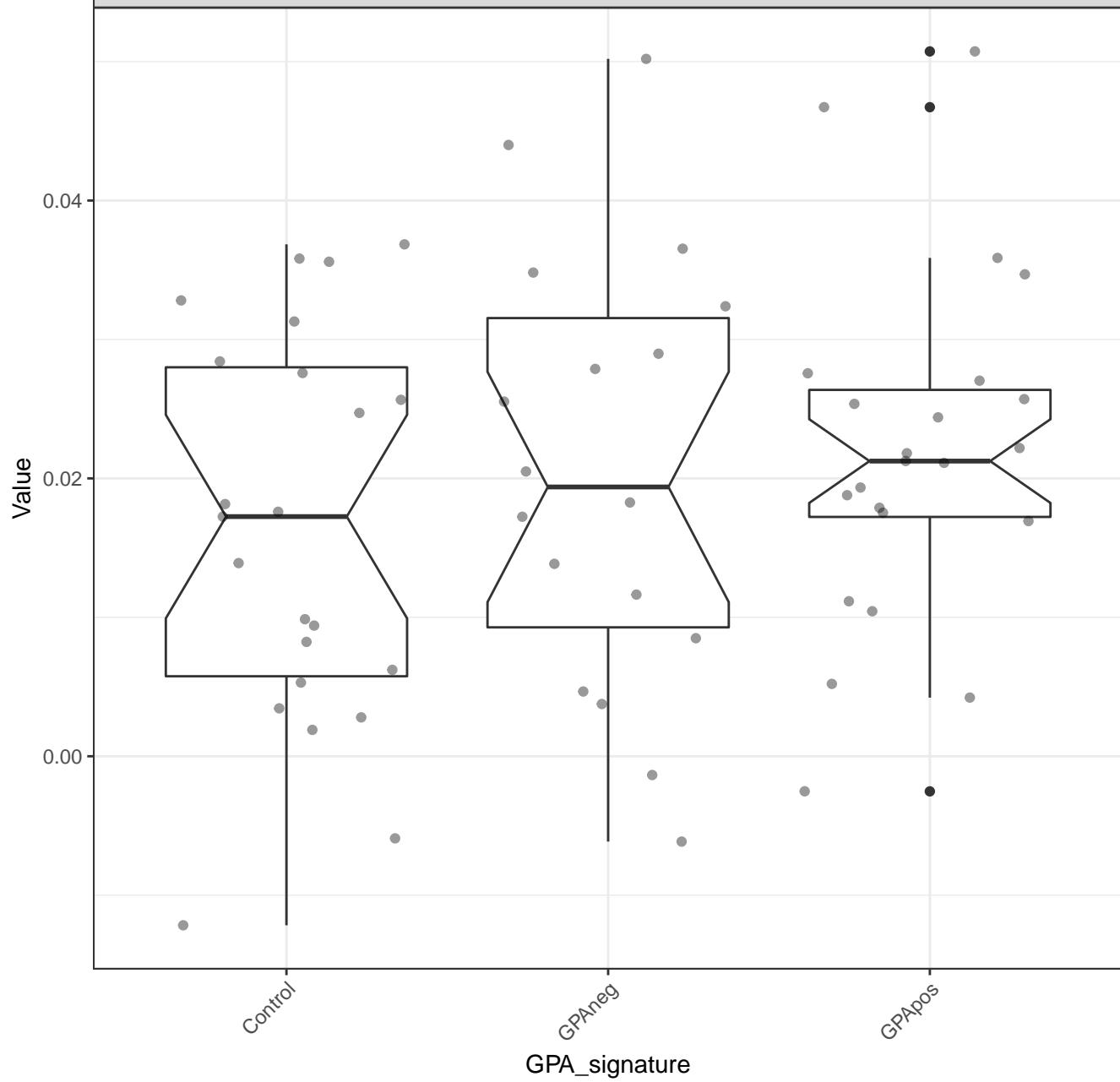
671,REACTOME_COLLAGEN_FORMATION



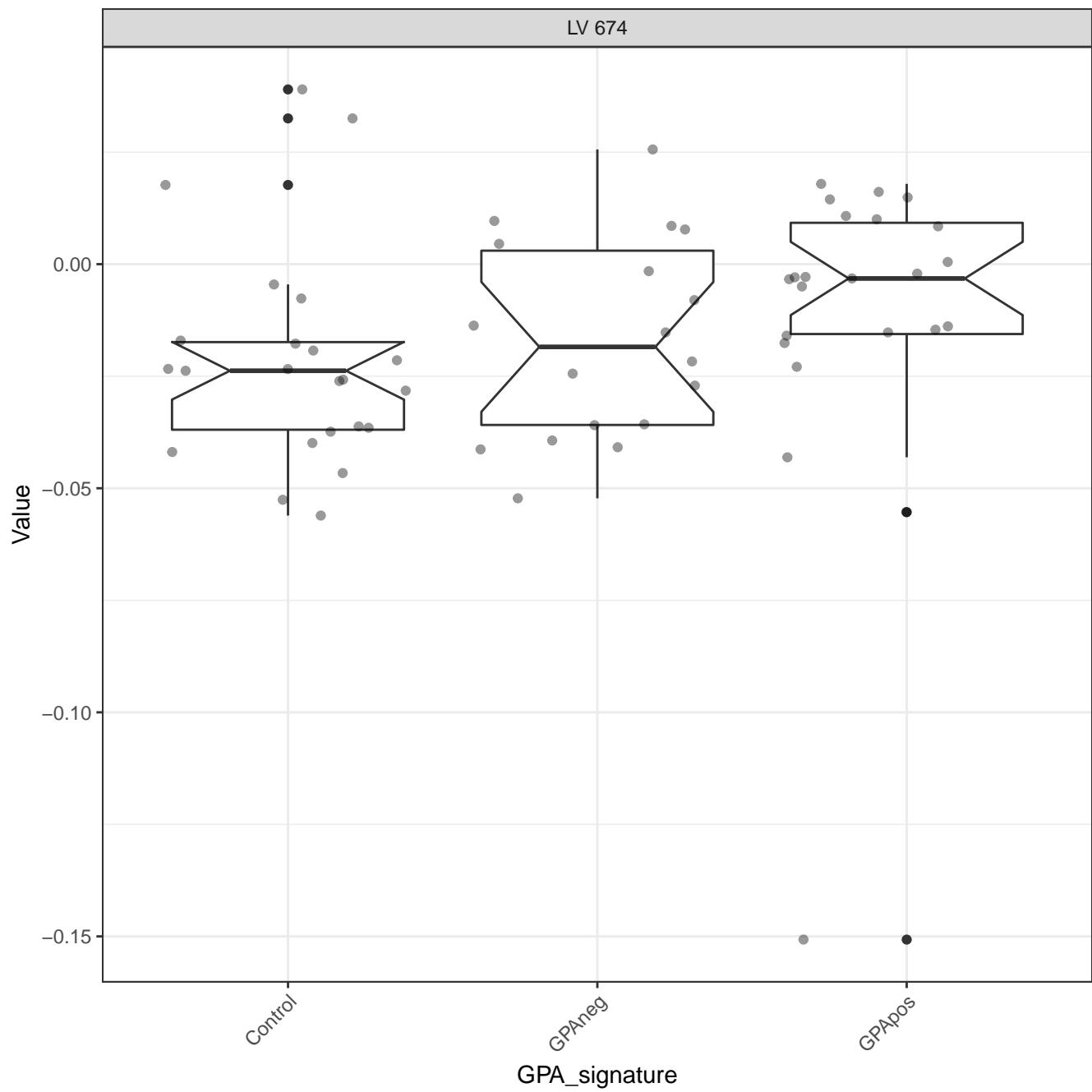
LV 672



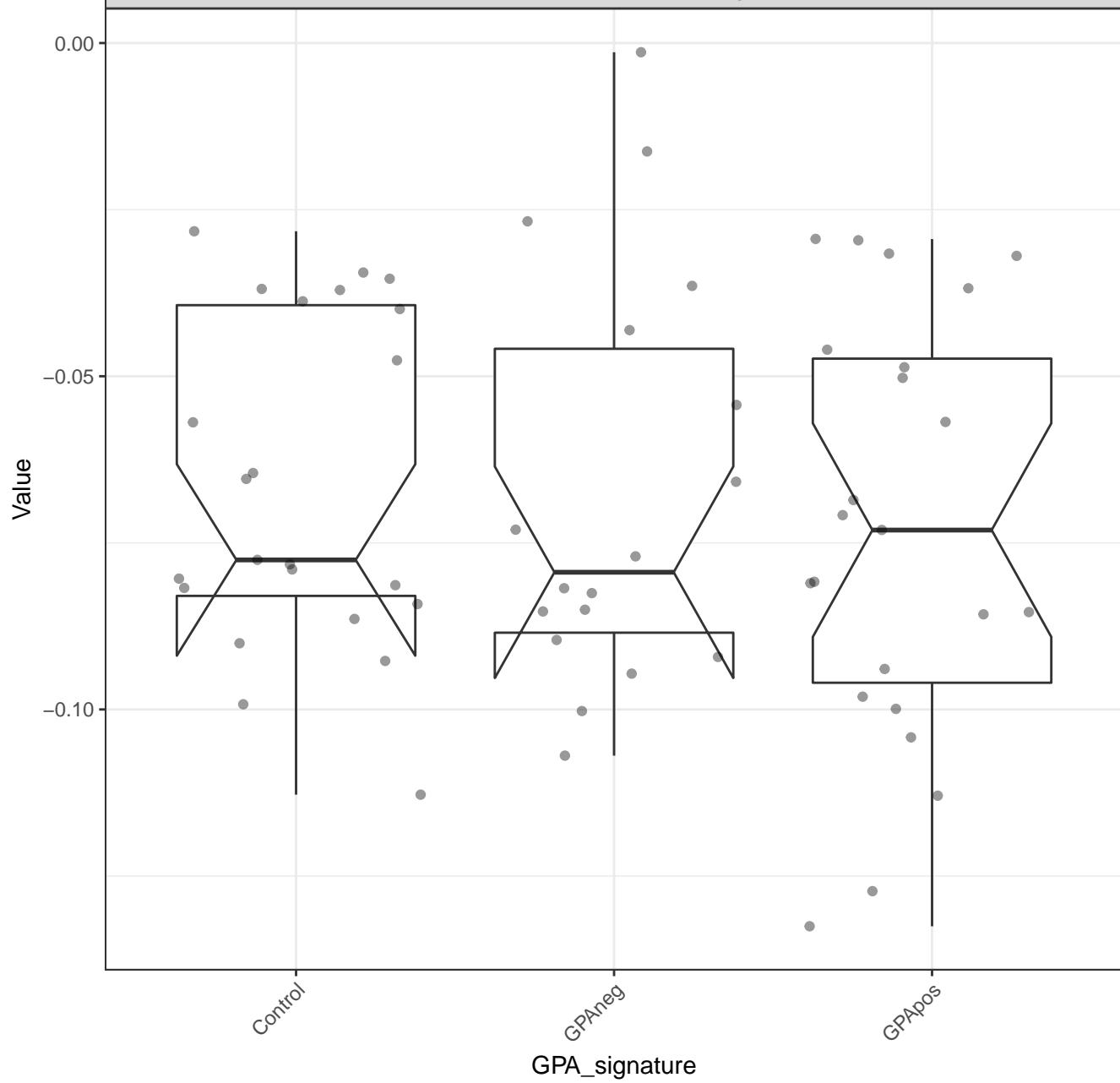
LV 673



LV 674



675,IRIS_Neutrophil–Resting



LV 676

Value

0.050

0.025

0.000

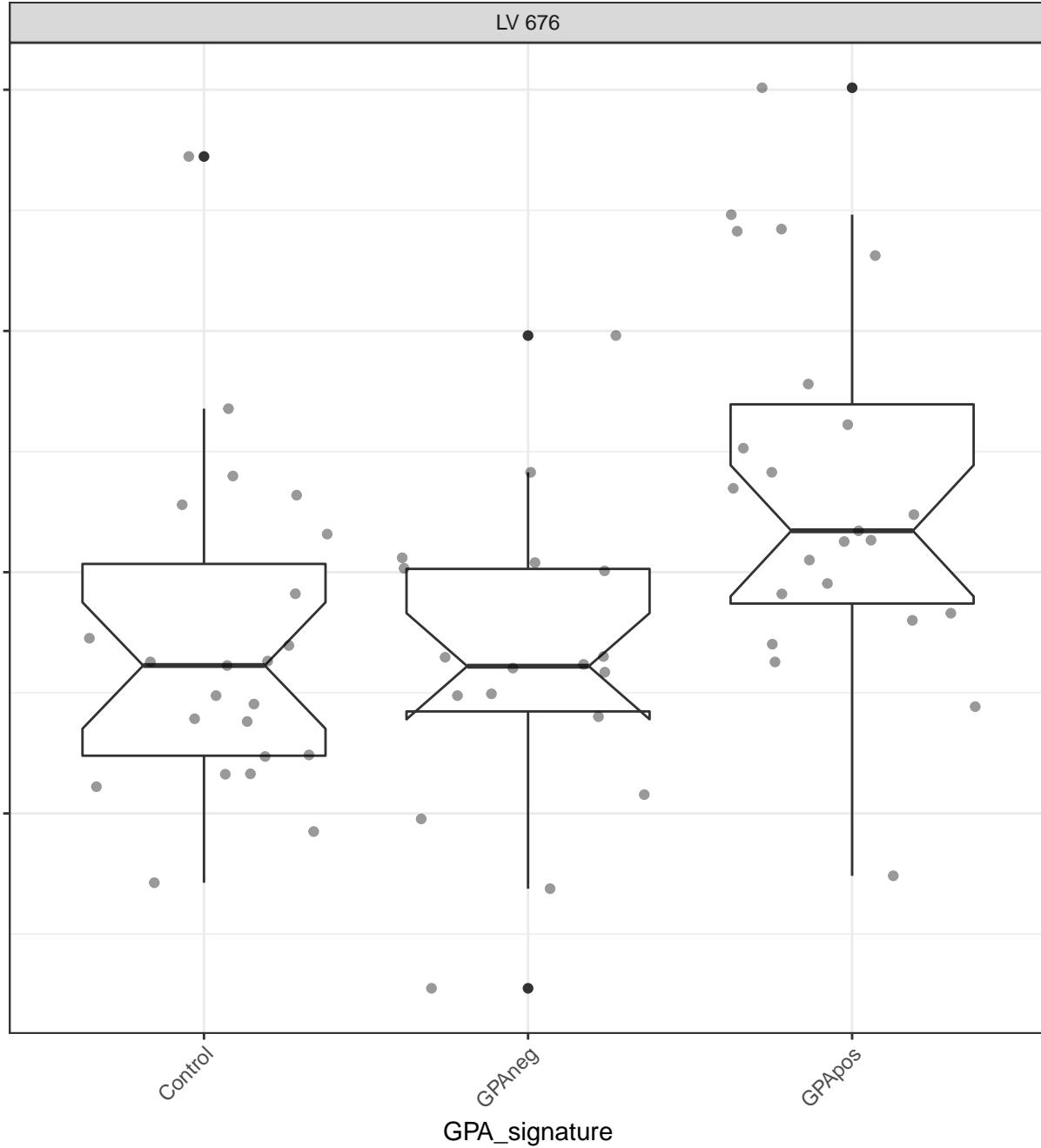
-0.025

Control

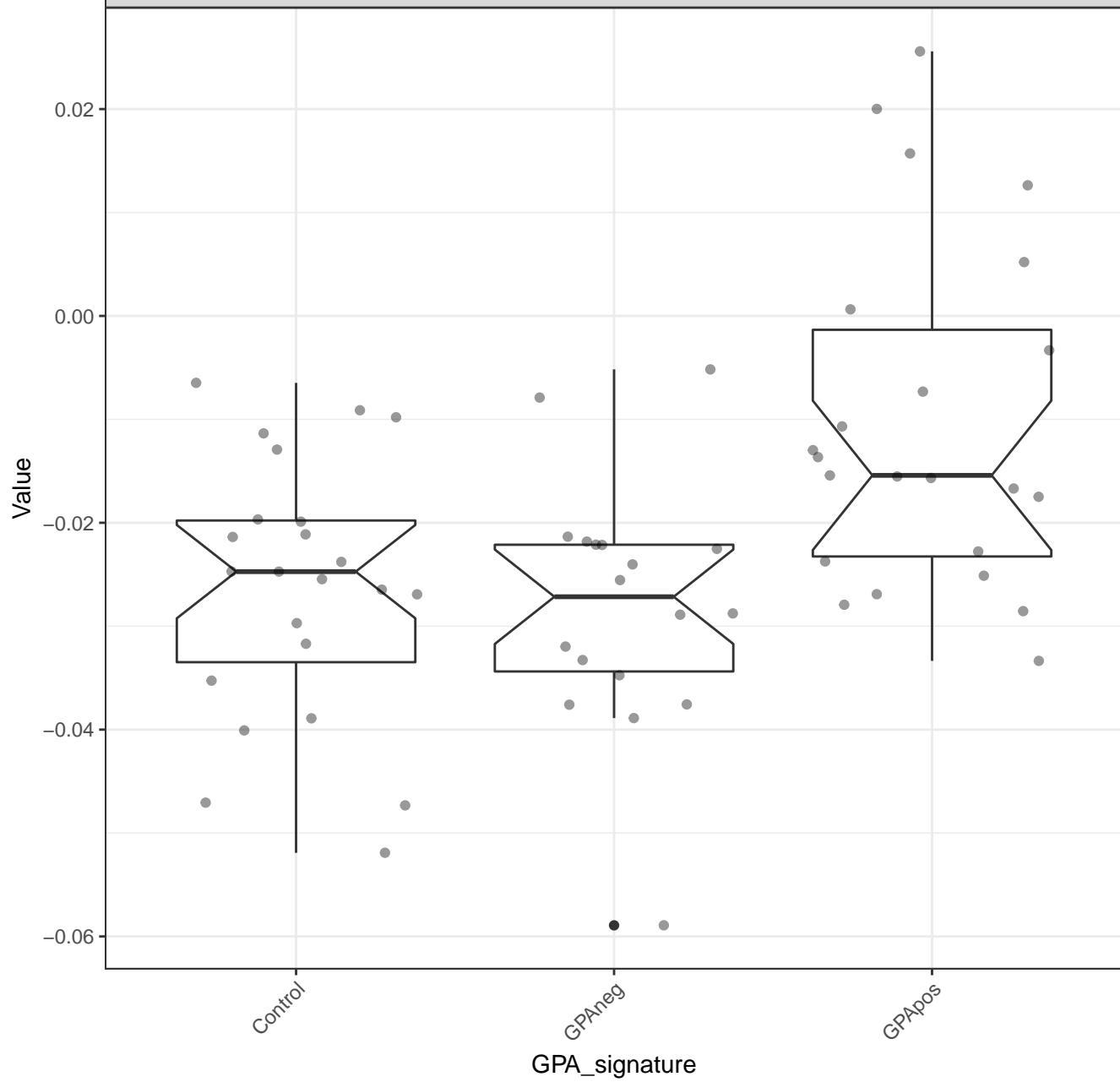
GPA_signature

GPAneg

GPAPos



LV 677



ELECTRON_TRANSPORT_ATP_SYNTHESIS_BY_CHEMIOSMOTIC_COUPLING_AND_HEAT_PRODUCTION

Value

0.20

0.15

0.10

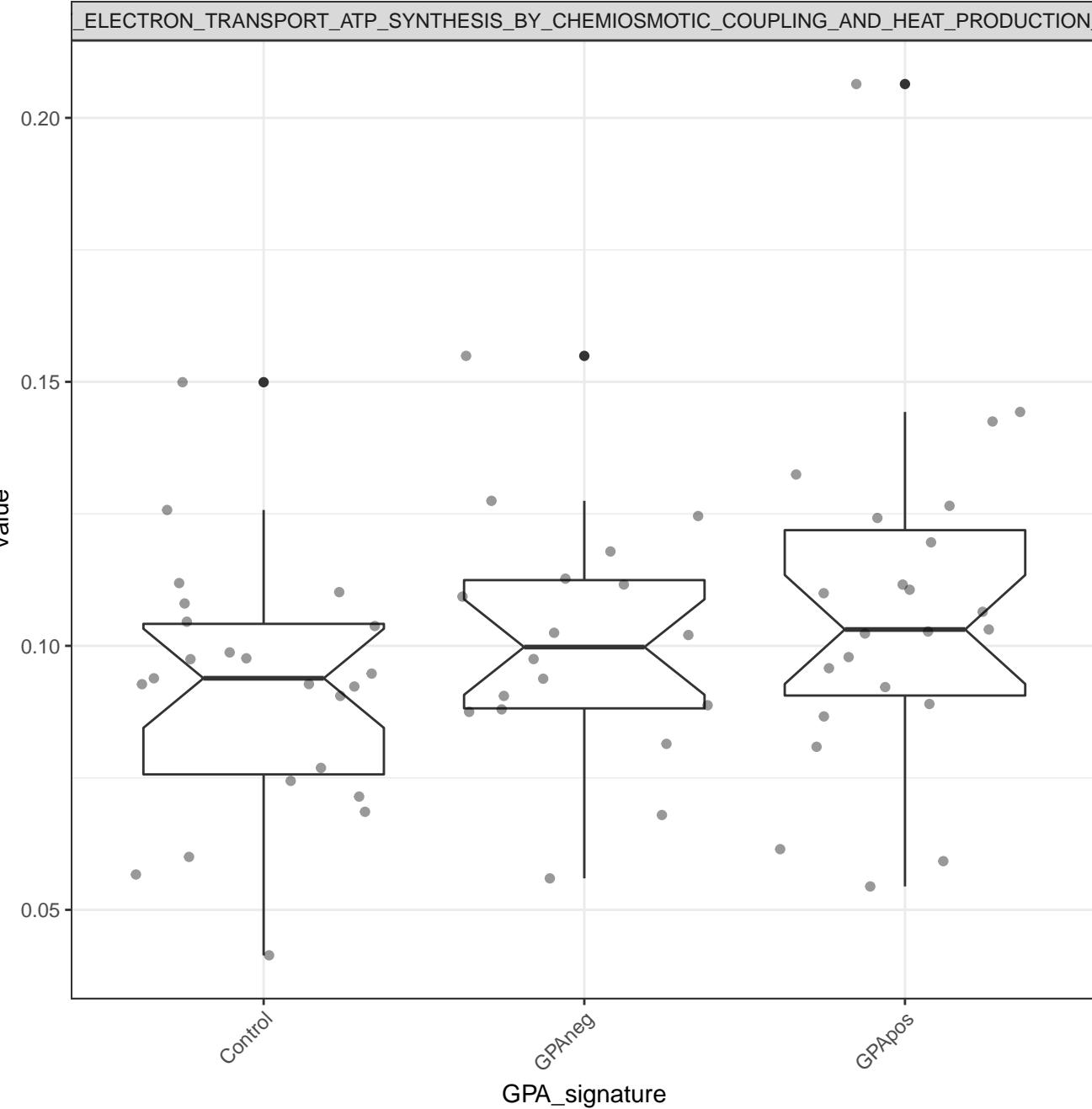
0.05

Control

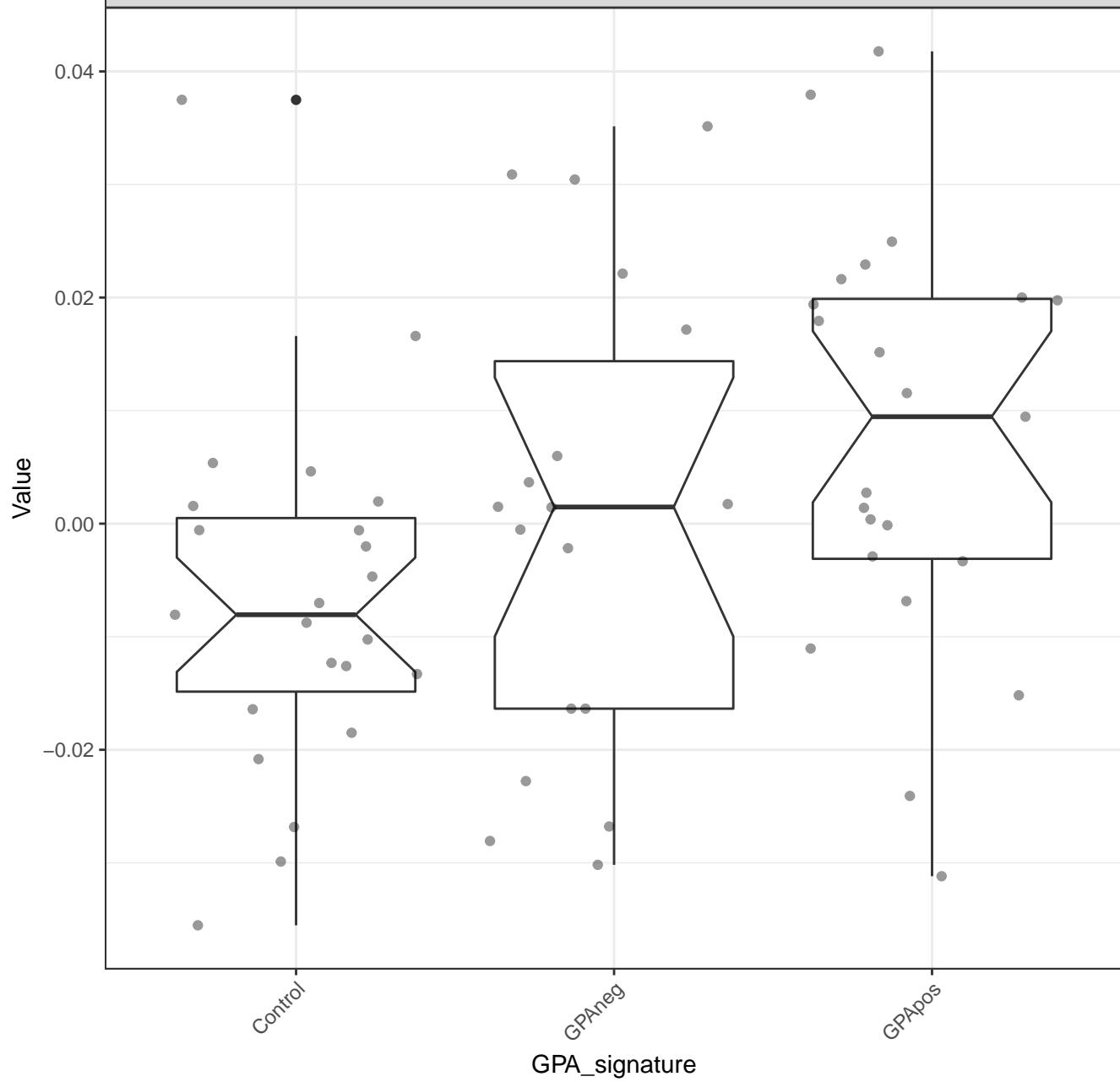
GPA_signature

GPaneg

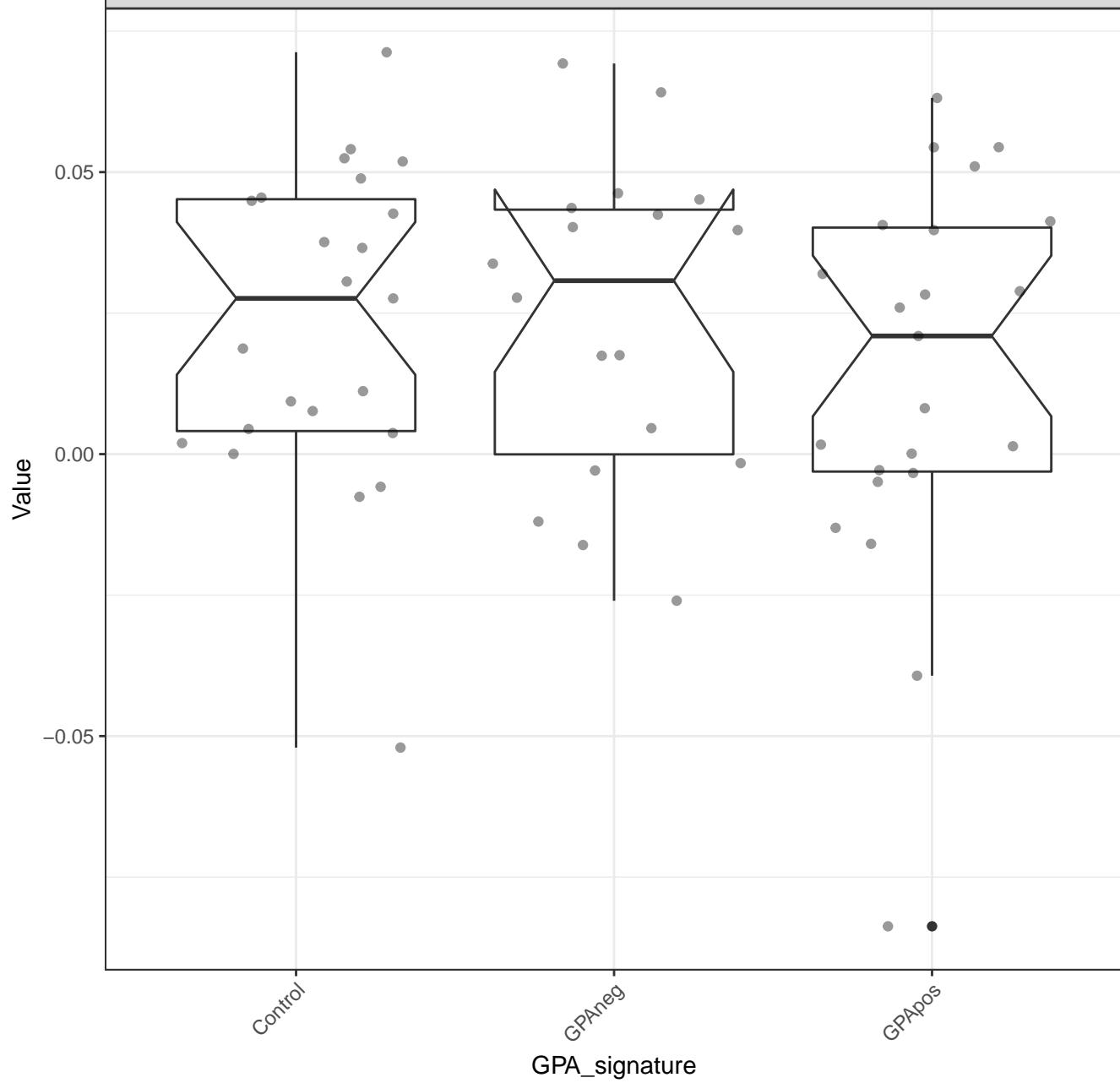
GPApos



LV 679



LV 680



LV 681

Value

0.05

0.00

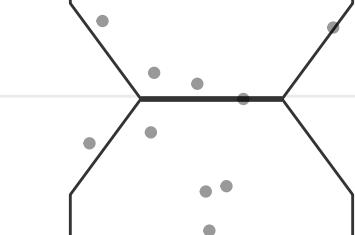
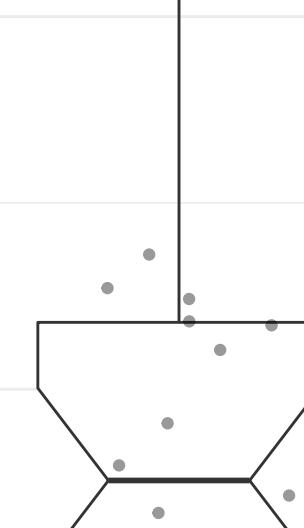
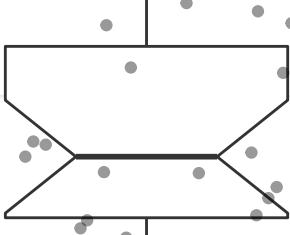
-0.05

Control

GPAneg

GPApos

GPA_signature



LV 682

Value

0.05

0.00

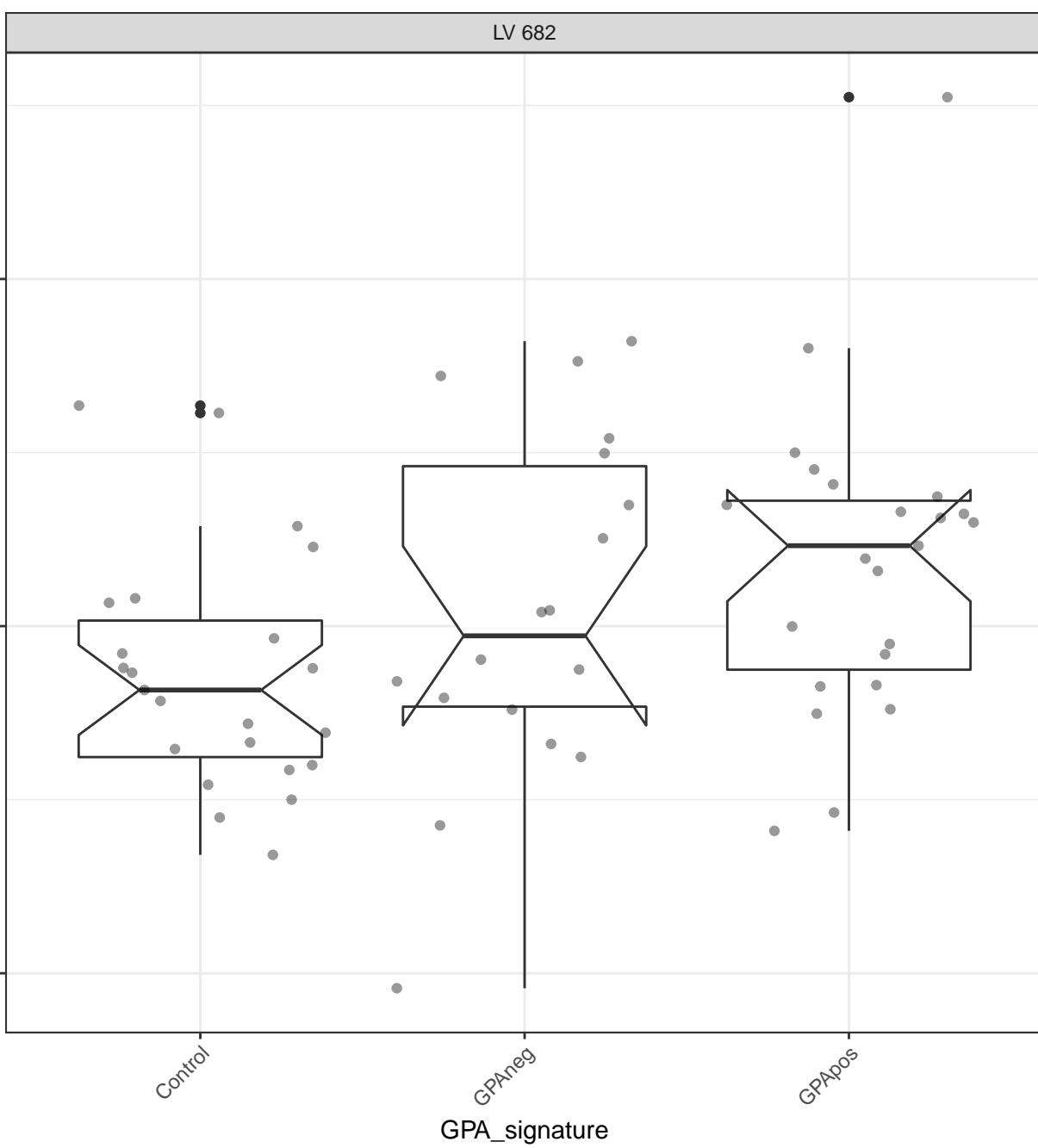
-0.05

Control

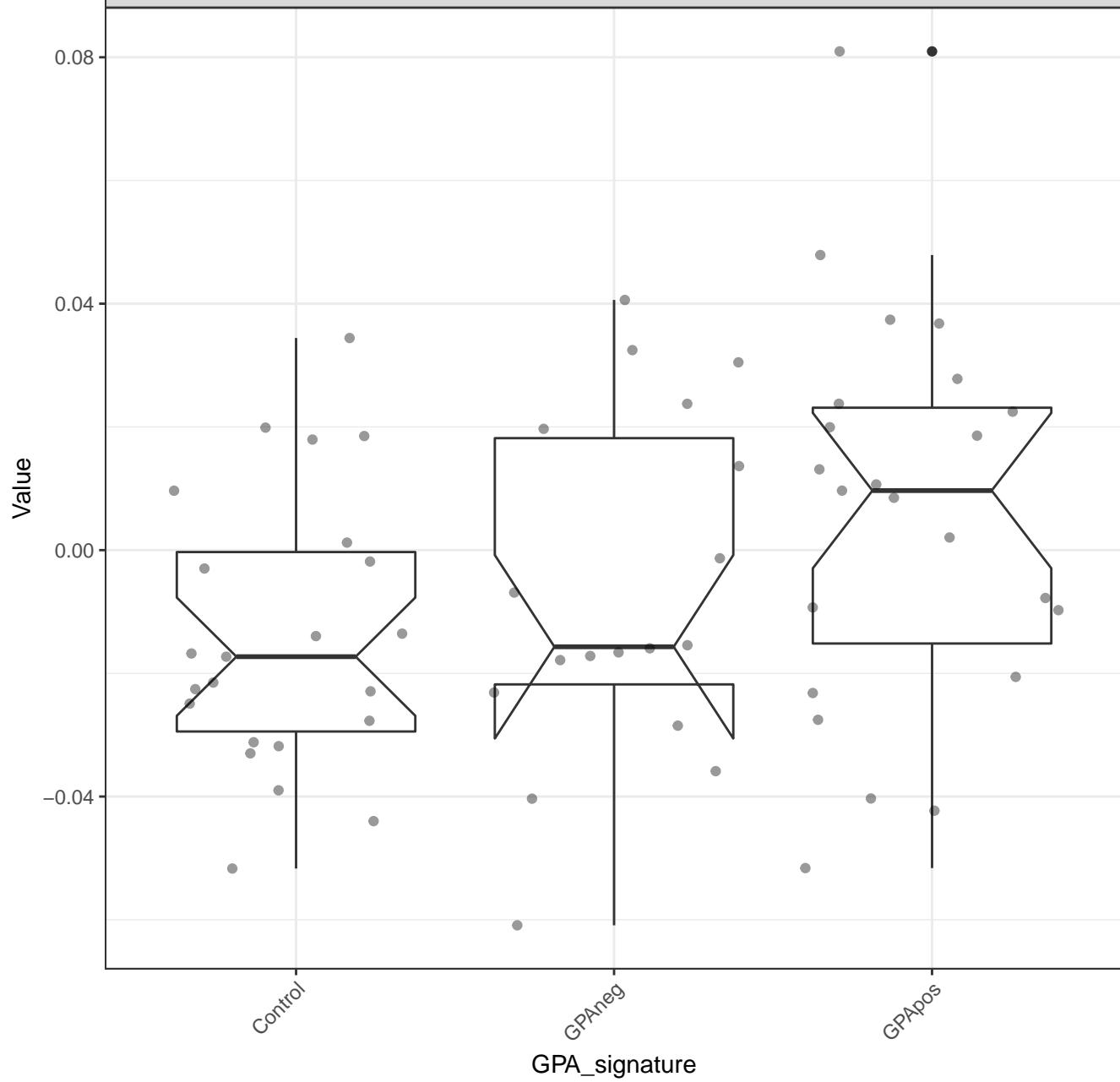
GPA_signature

GPAneg

GPAPos



LV 683



684,KEGG_CELL_CYCLE

Value

0.10

0.05

0.00

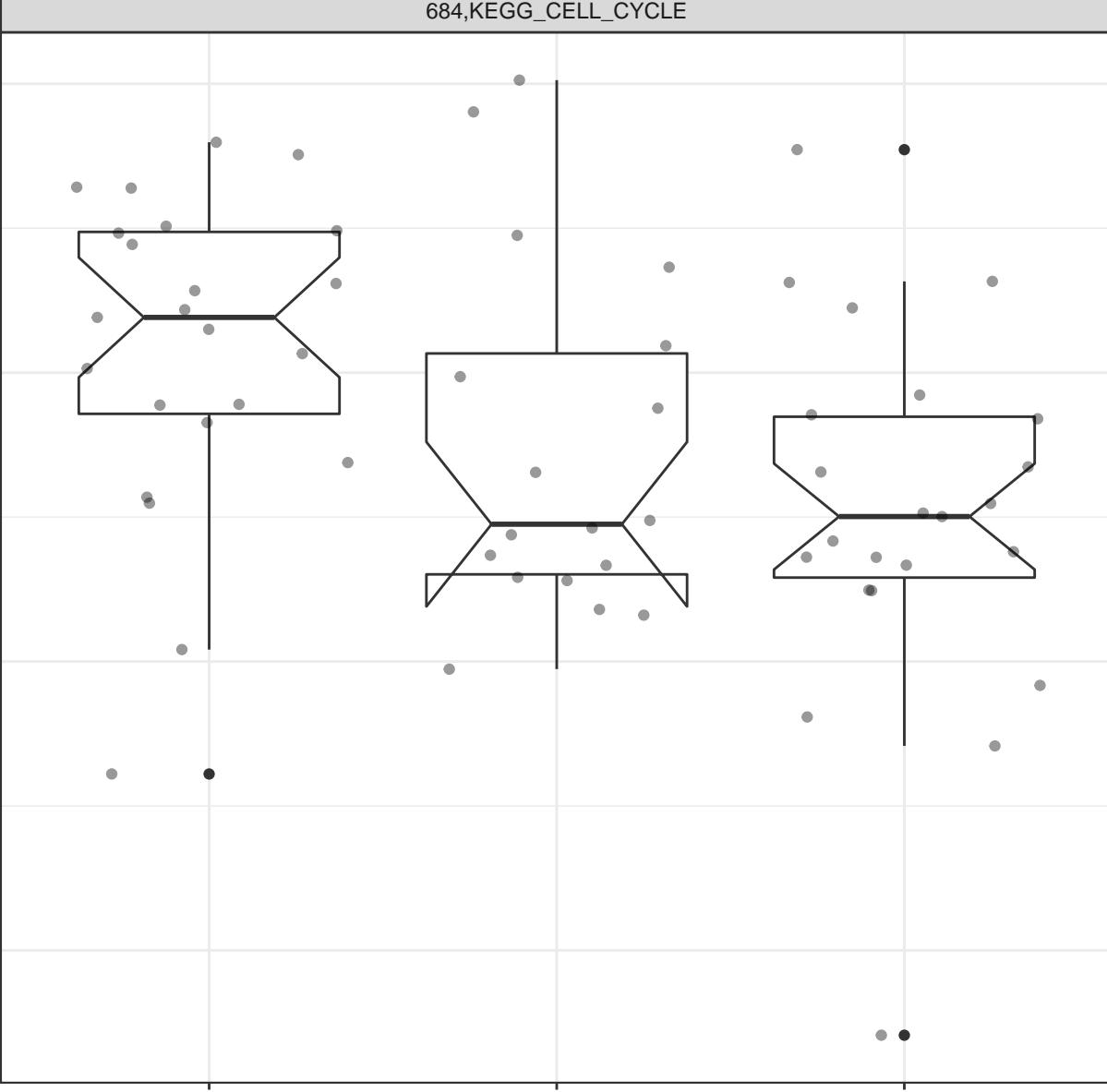
-0.05

Control

GPA_signature

GPAneg

GPApos



LV 685

Value

0.025

0.000

-0.025

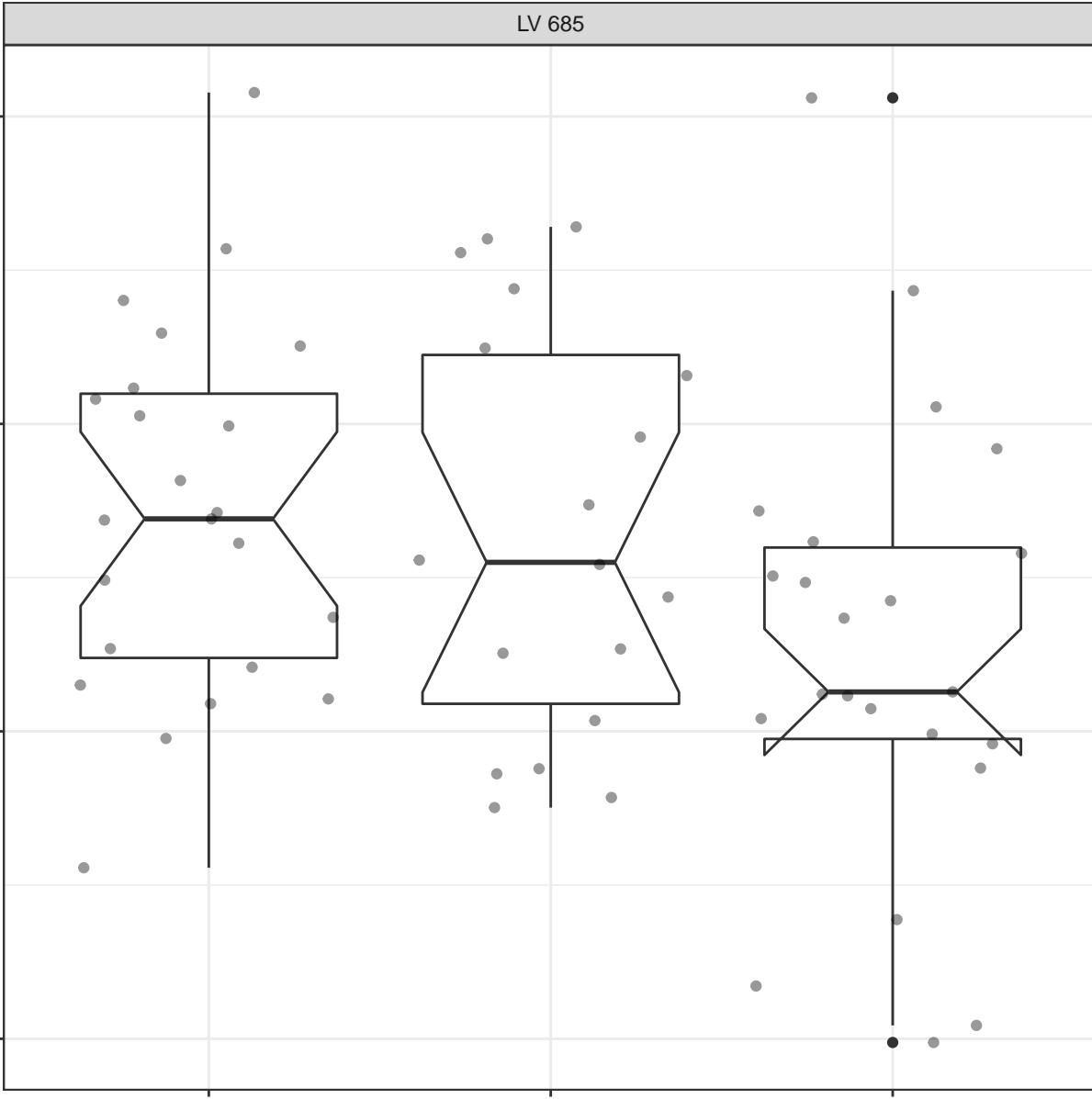
-0.050

Control

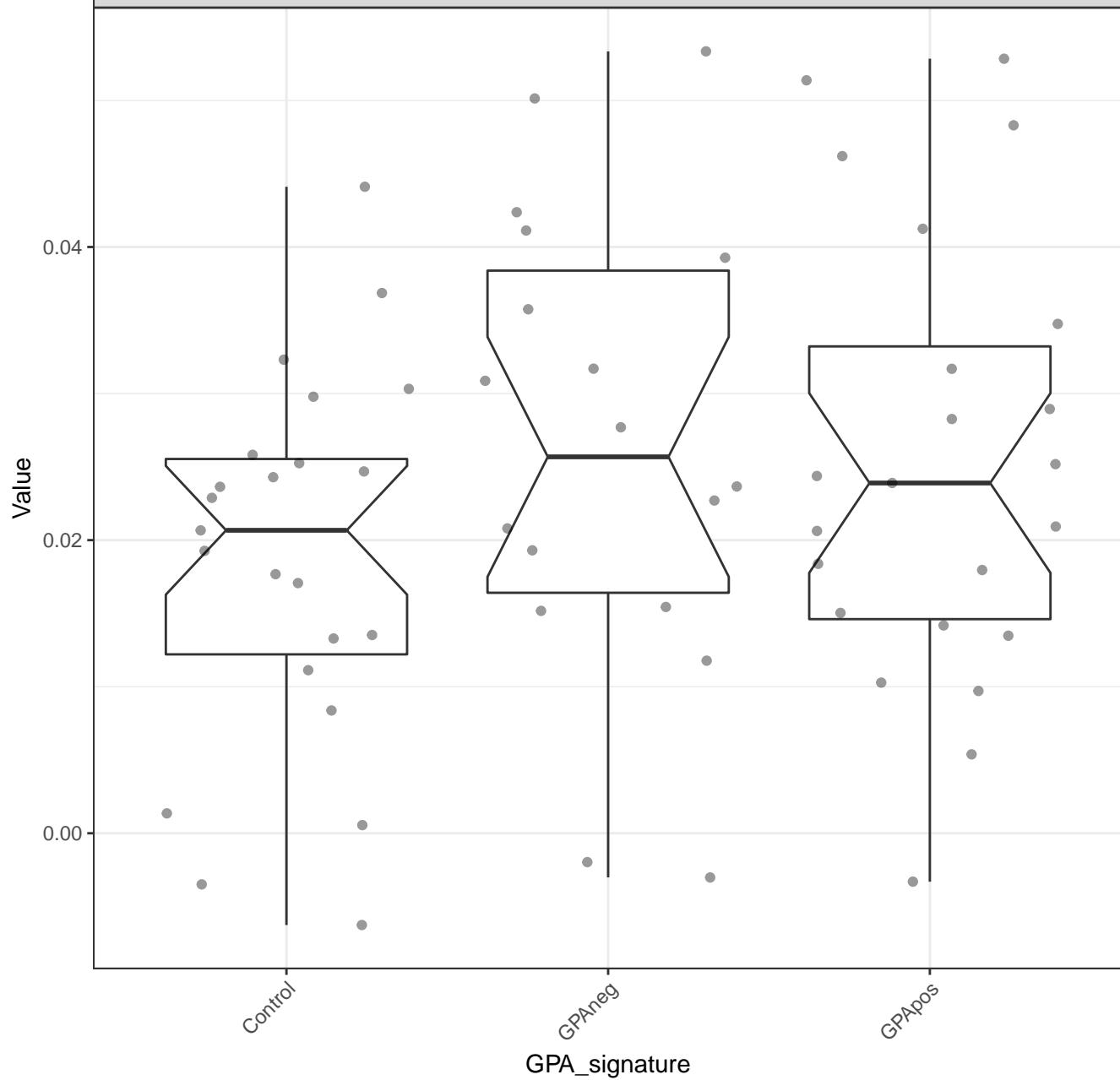
GPA_signature

GPAneg

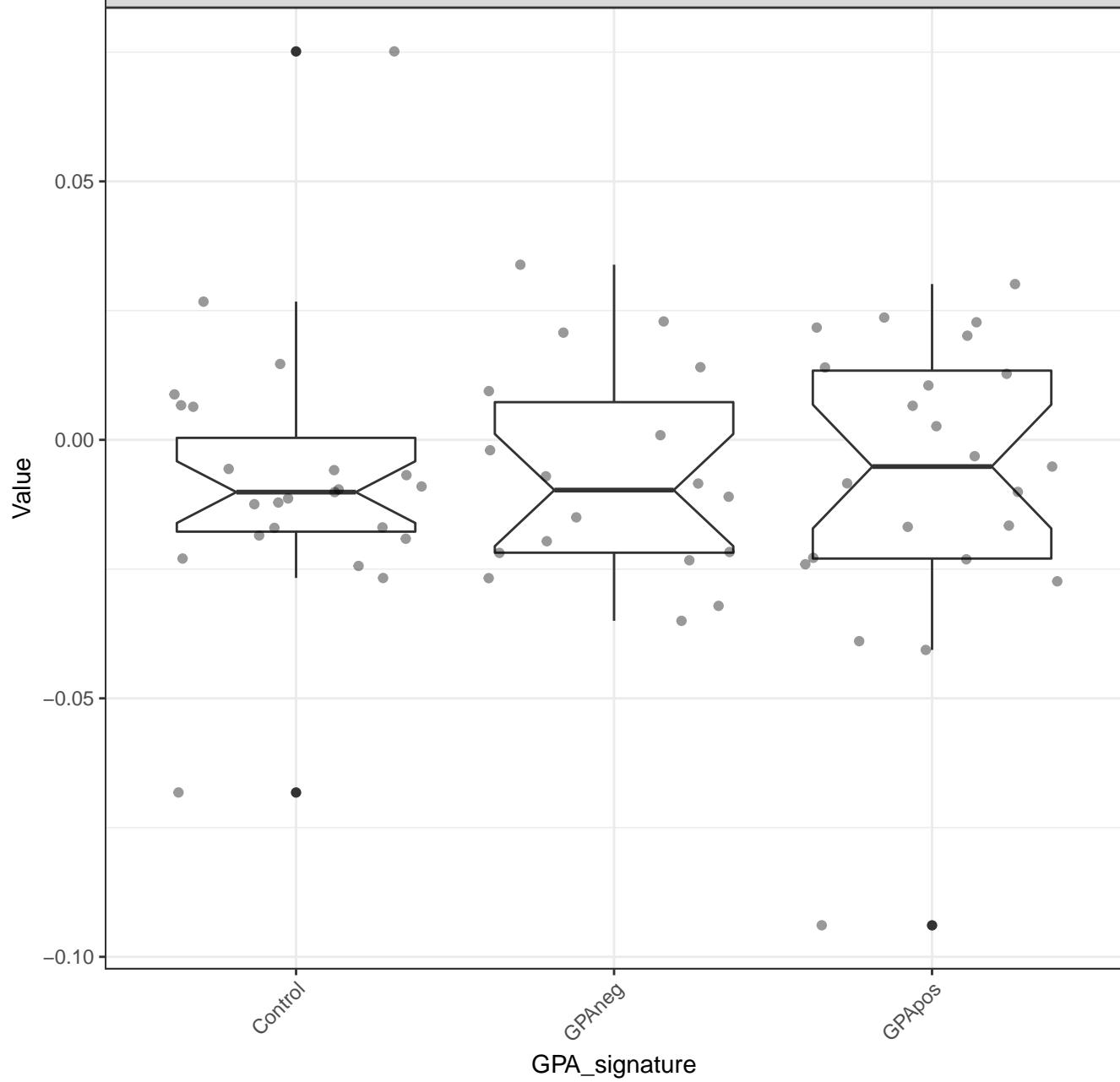
GPAPos



LV 686



LV 687



LV 688

Value

0.10

0.05

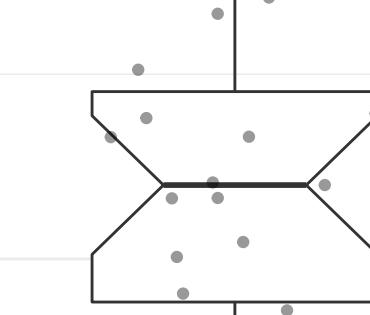
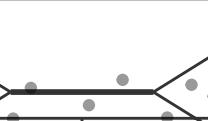
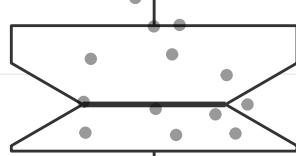
0.00

Control

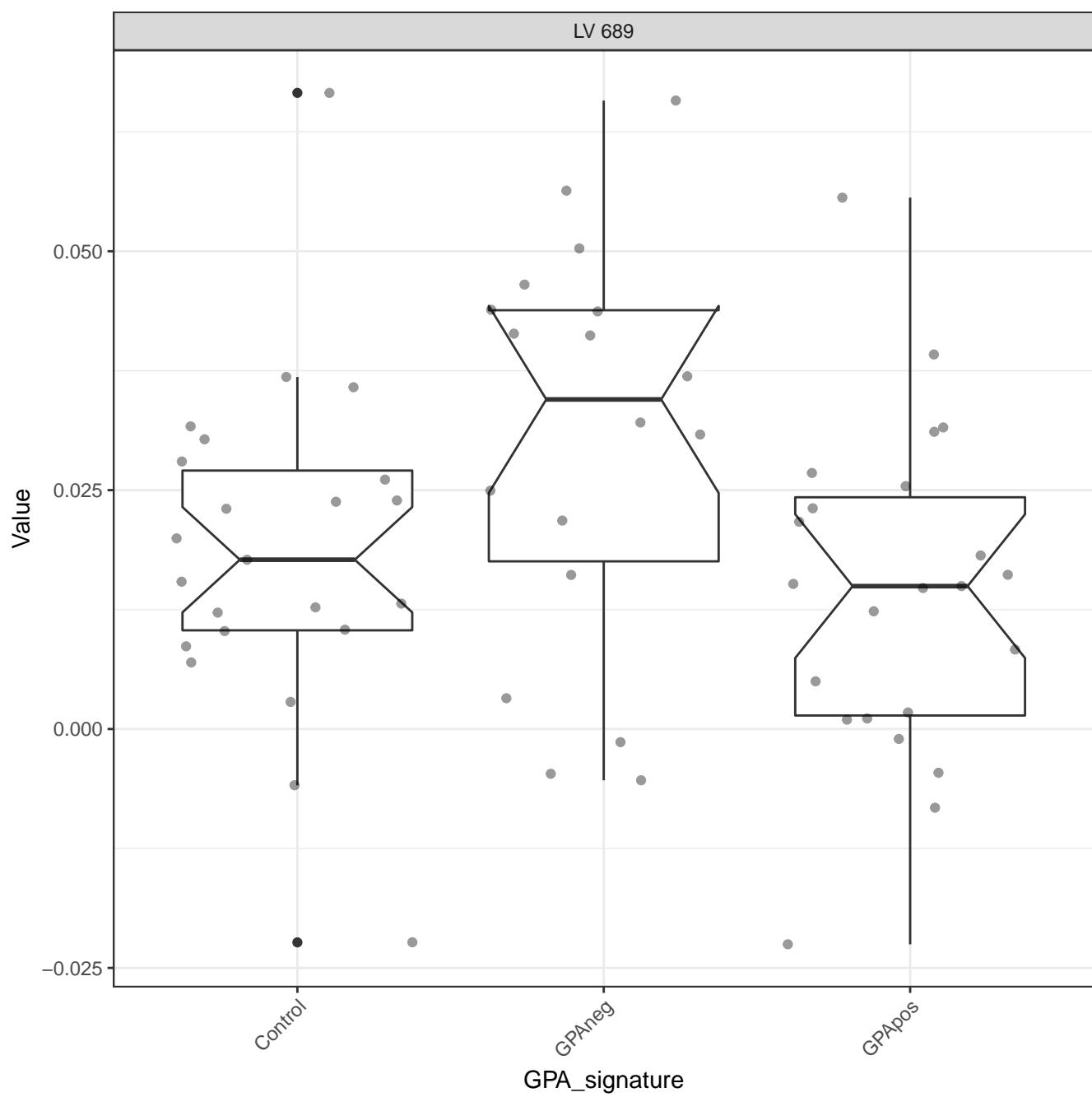
GPA_signature

GPAneg

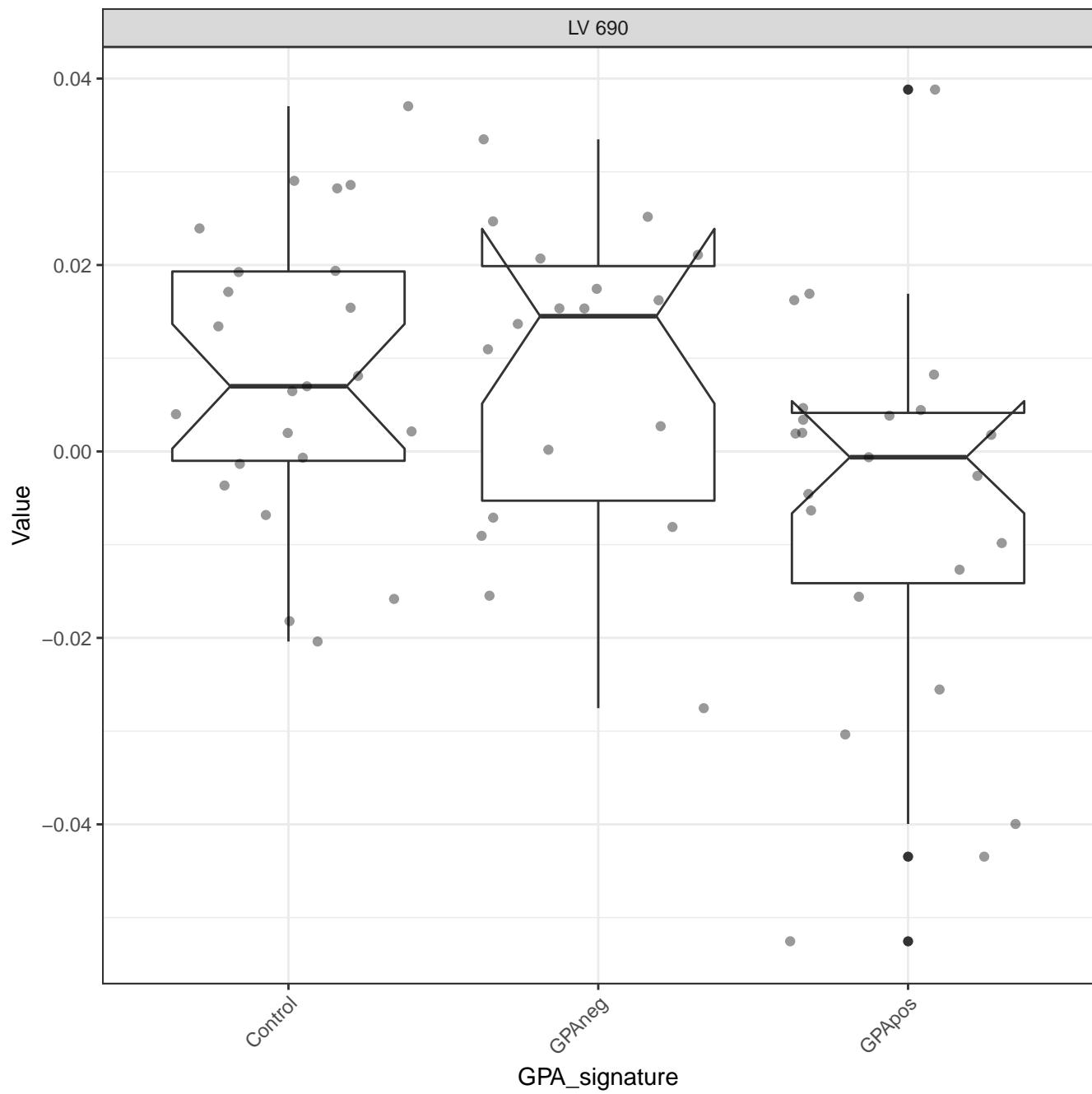
GPApos



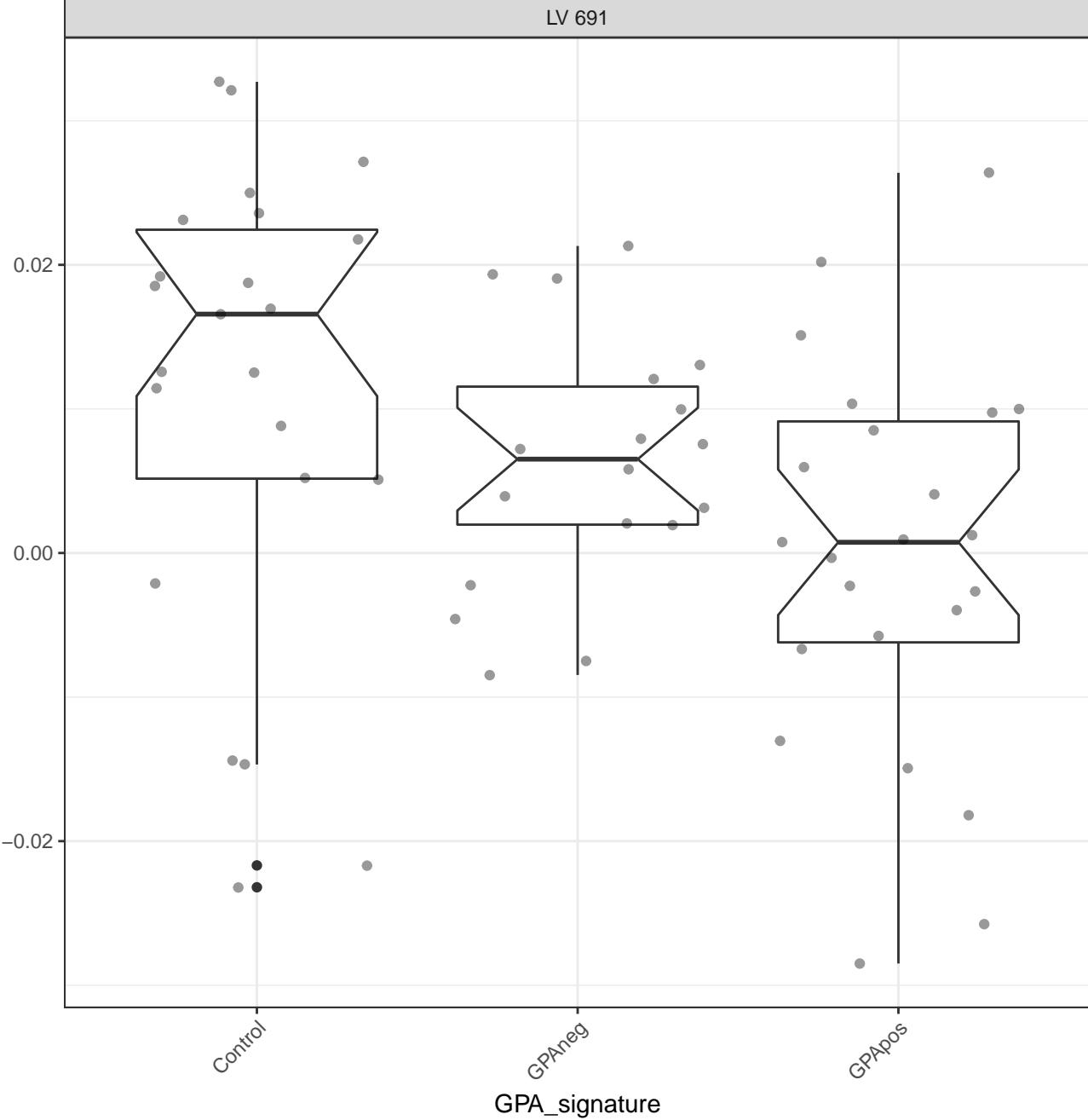
LV 689



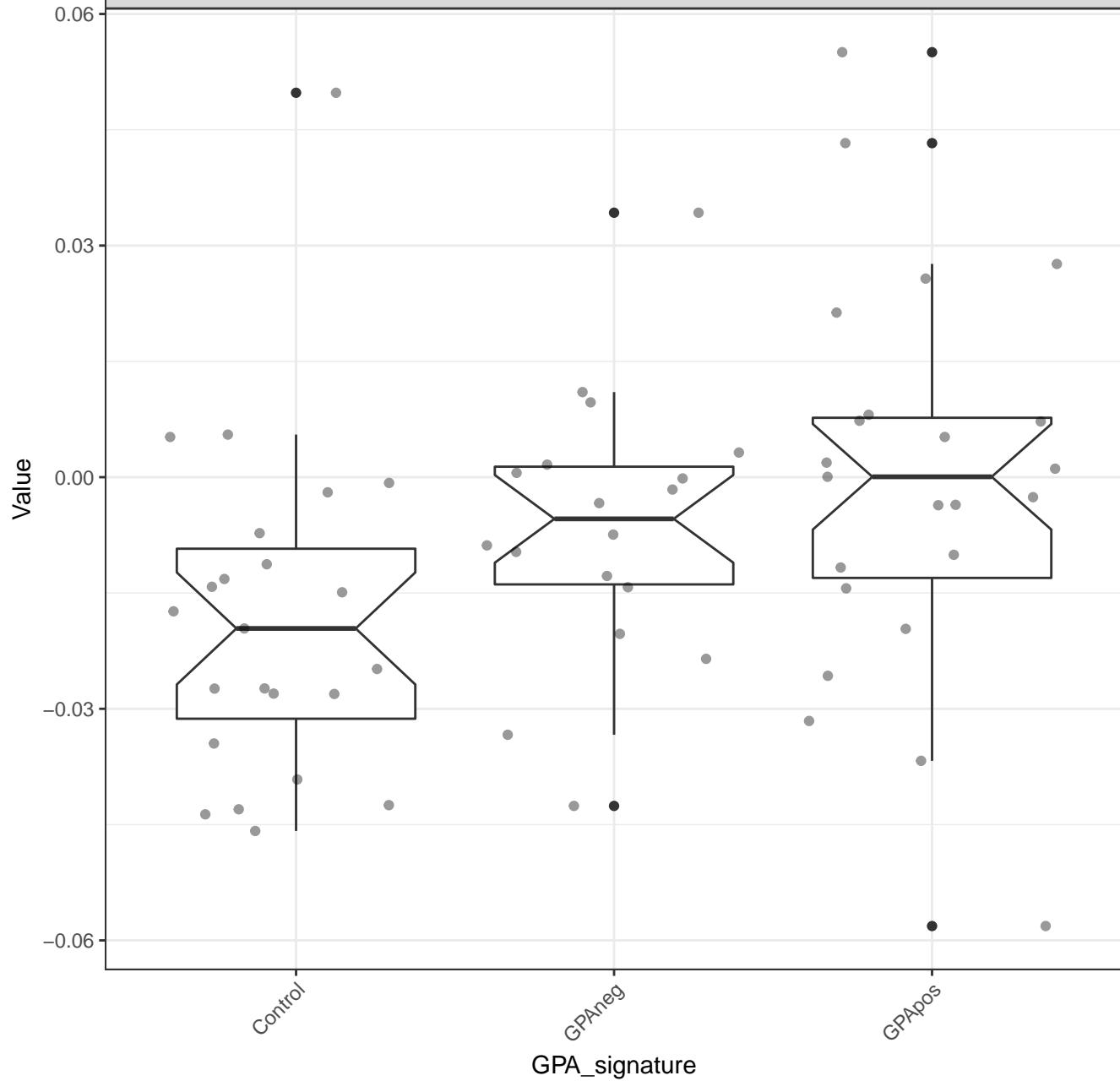
LV 690

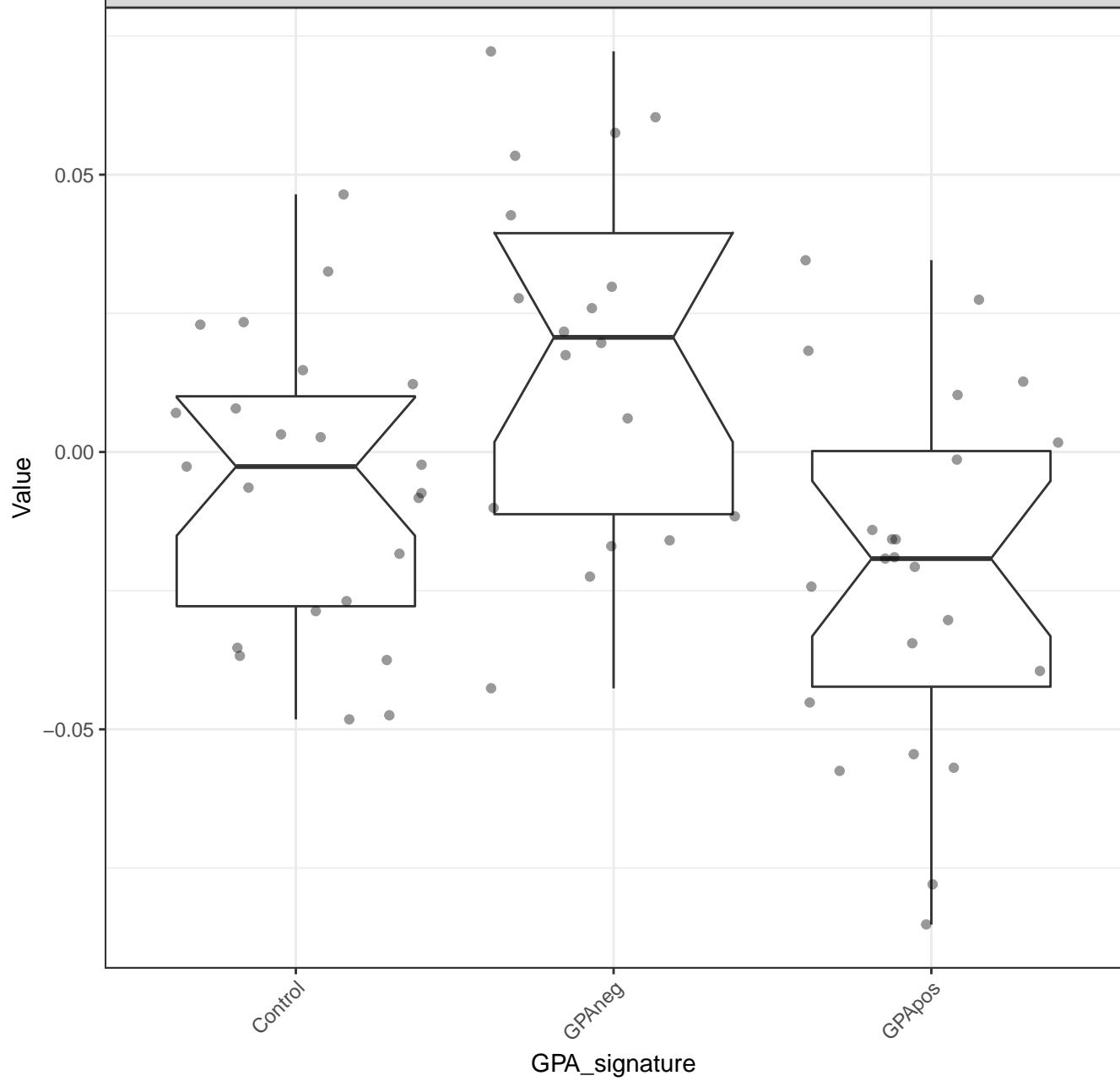


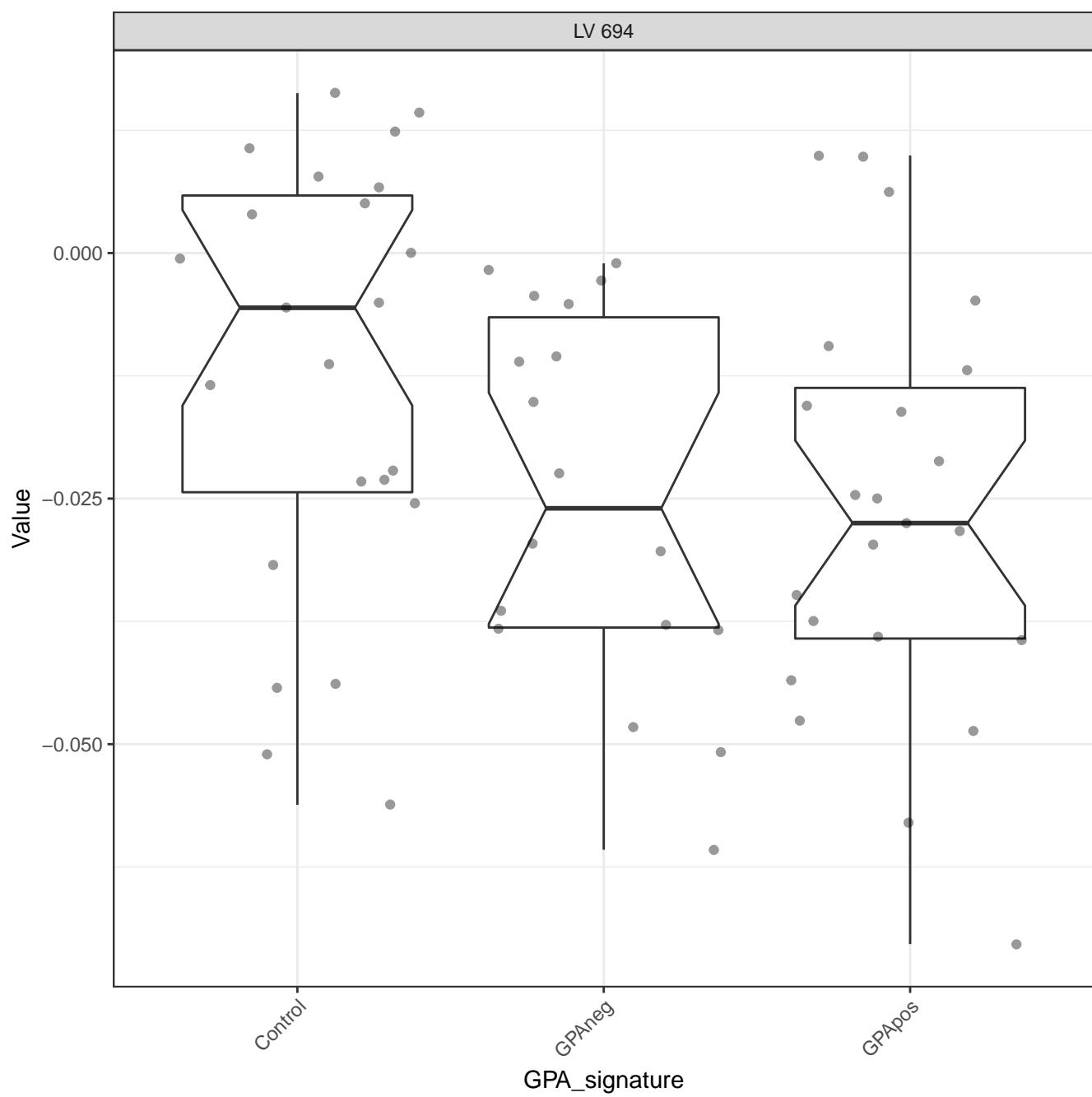
Value



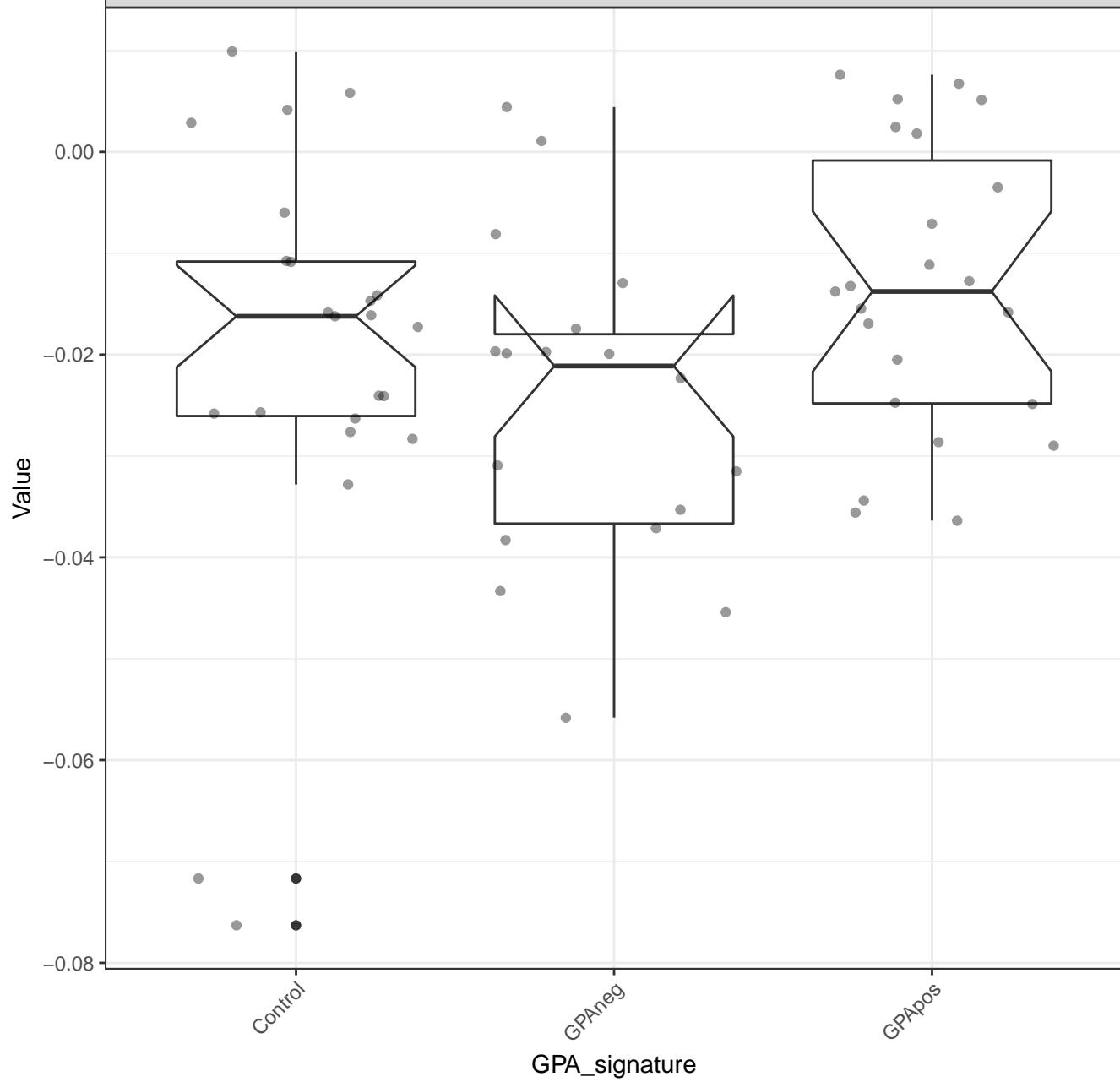
LV 692



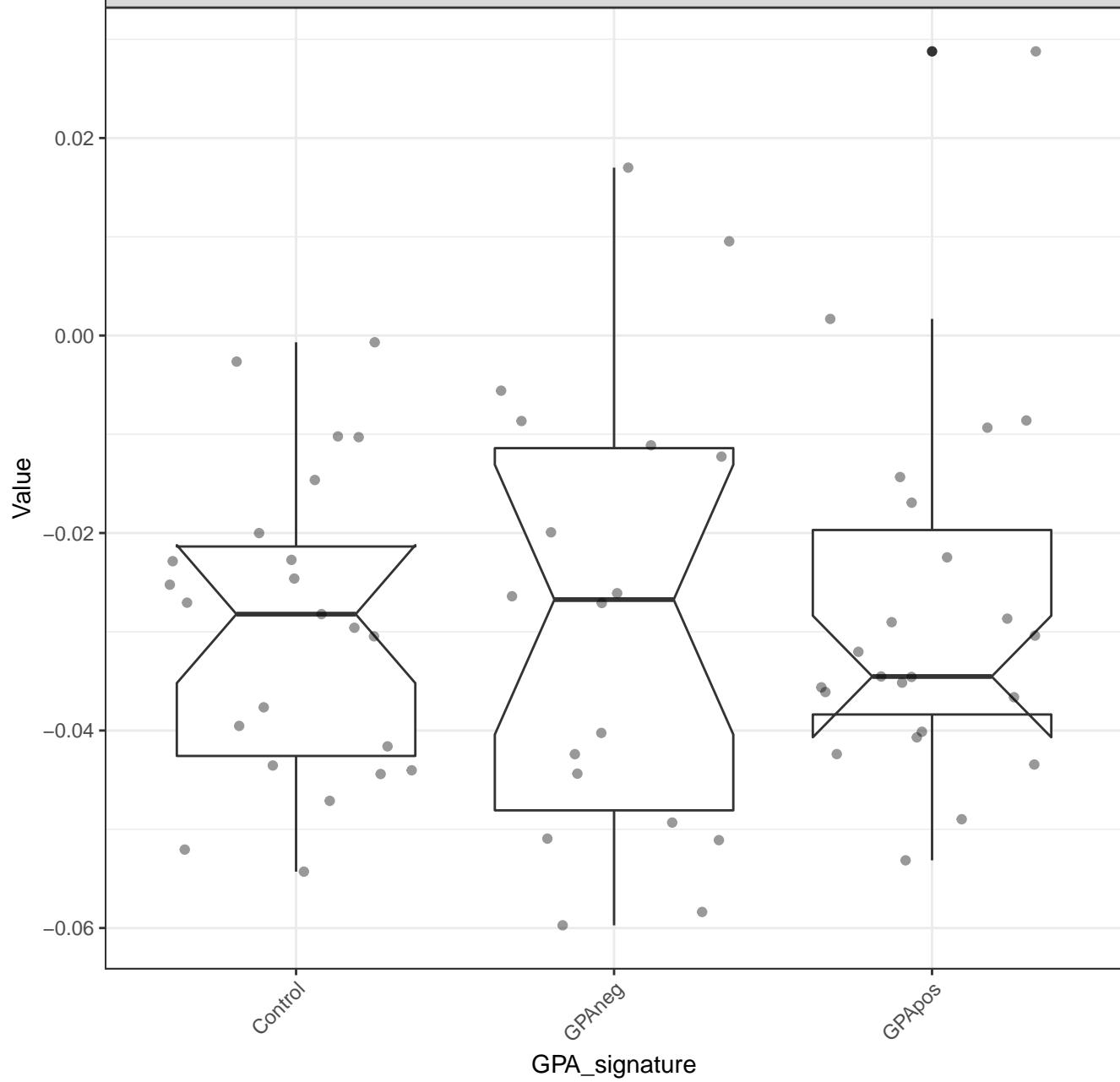




LV 695



LV 696



LV 697

Value

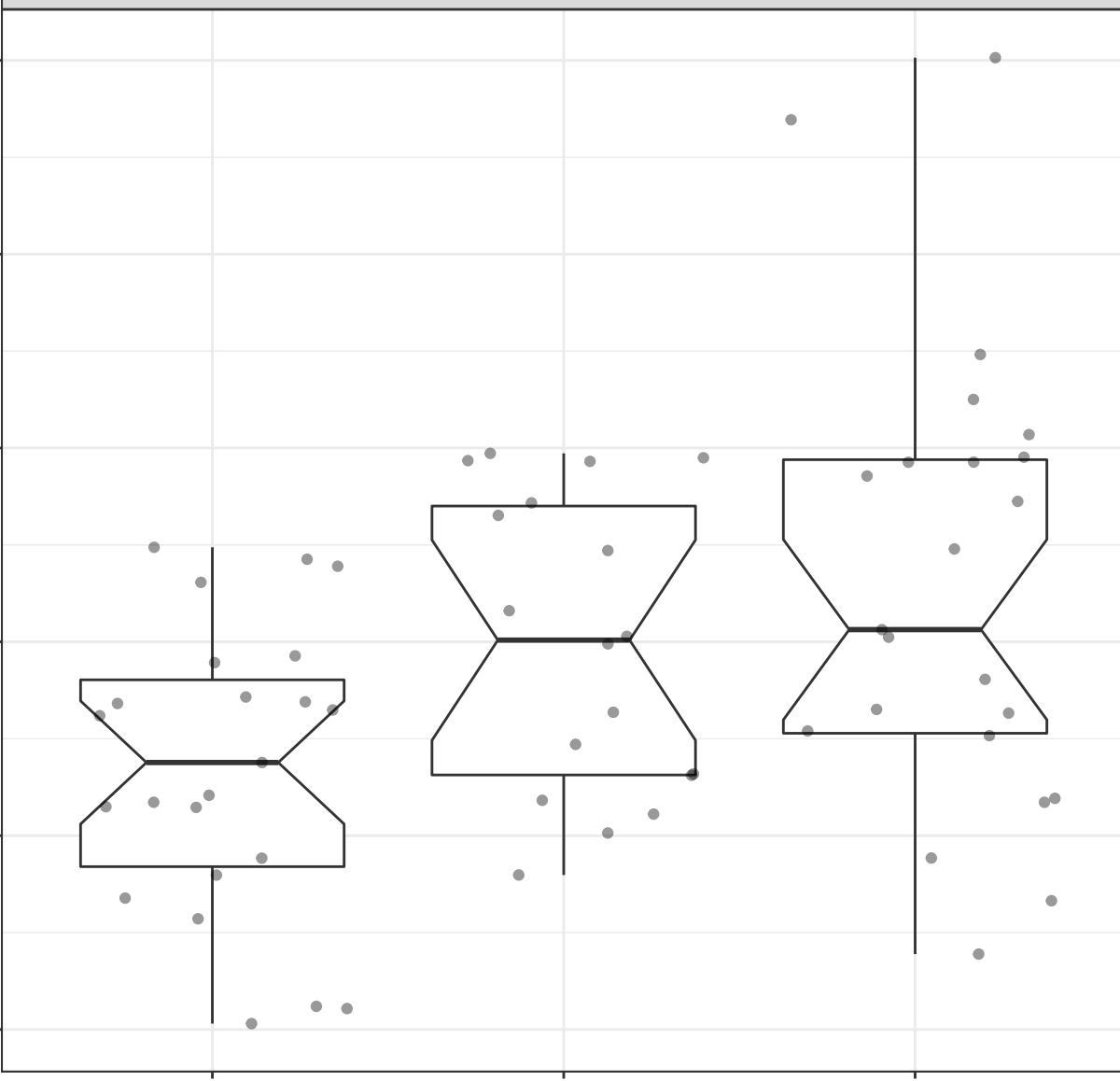
0.04
0.02
0.00
-0.02
-0.04
-0.06

Control

GPAneg

GPApos

GPA_signature



Value

0.05

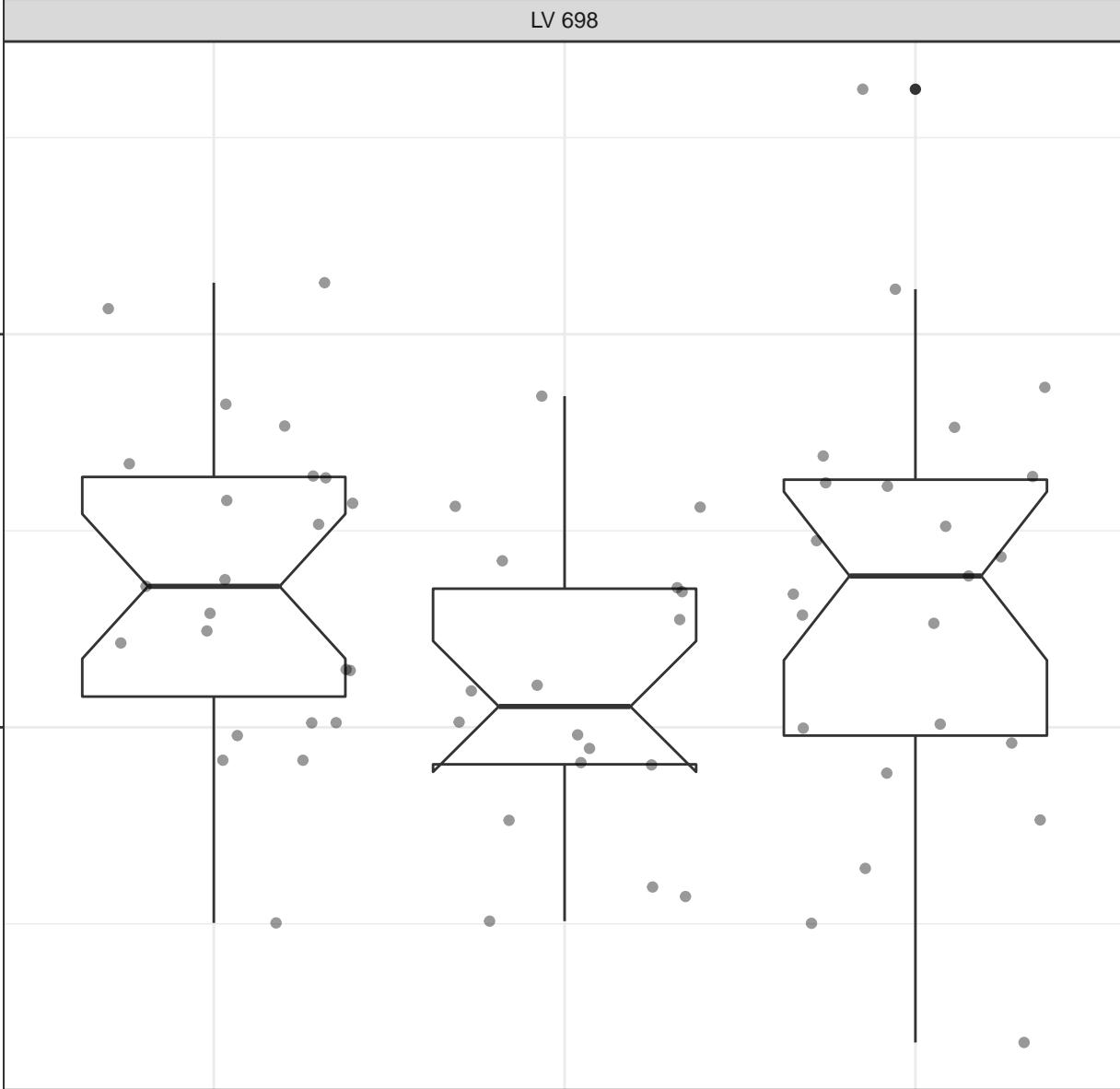
0.00

Control

GPA_signature

GPAneg

GPAPos



LV 699

Value

0.05

0.00

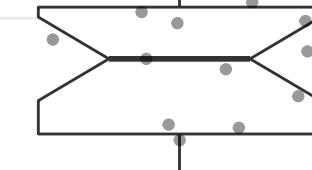
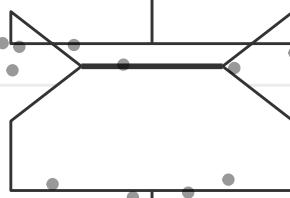
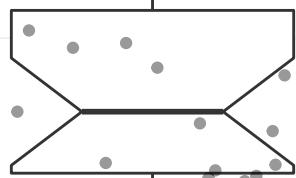
-0.05

Control

GPAneg

GPAPos

GPA_signature



LV 700

Value

0.04

0.02

0.00

-0.02

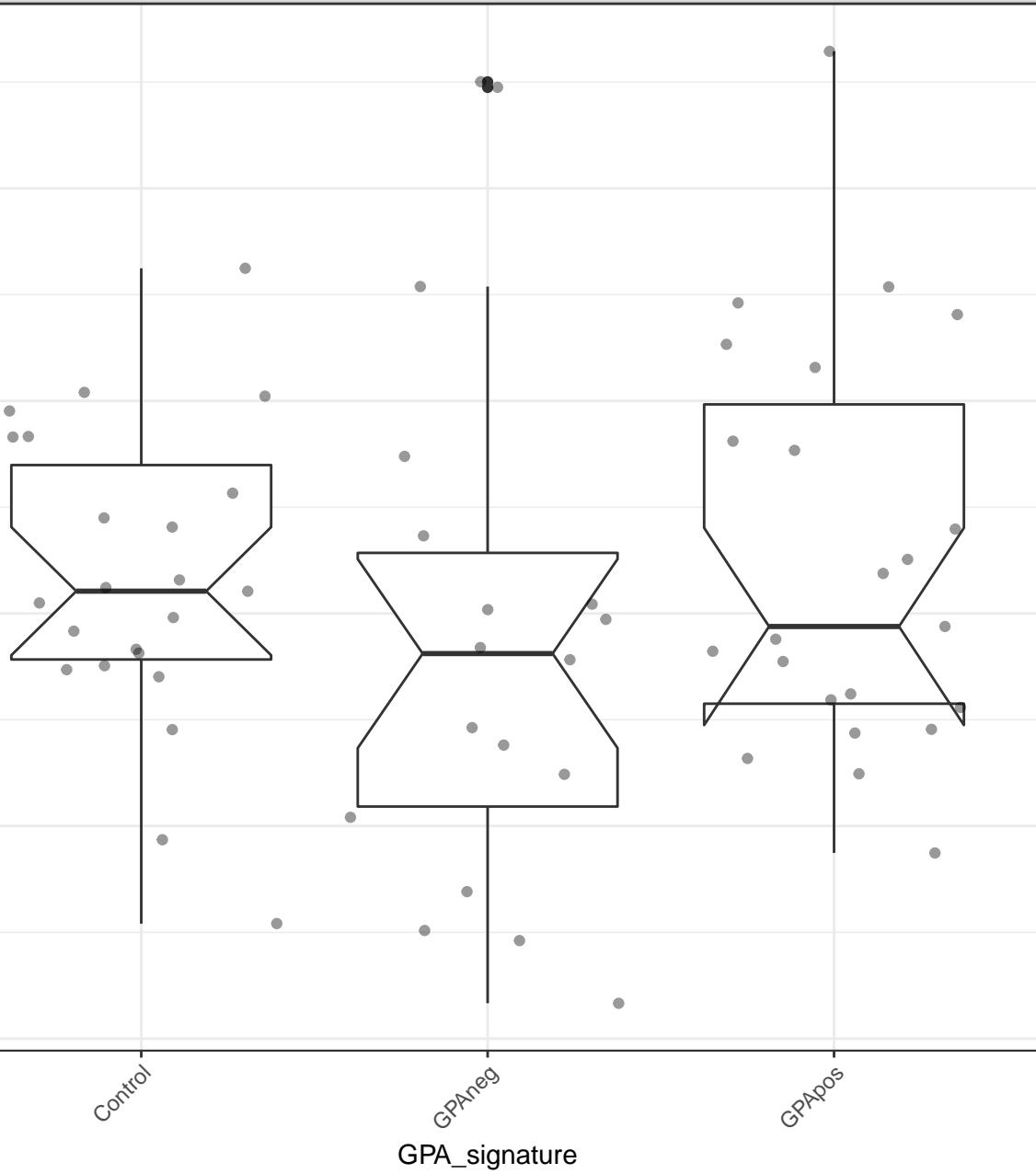
-0.04

Control

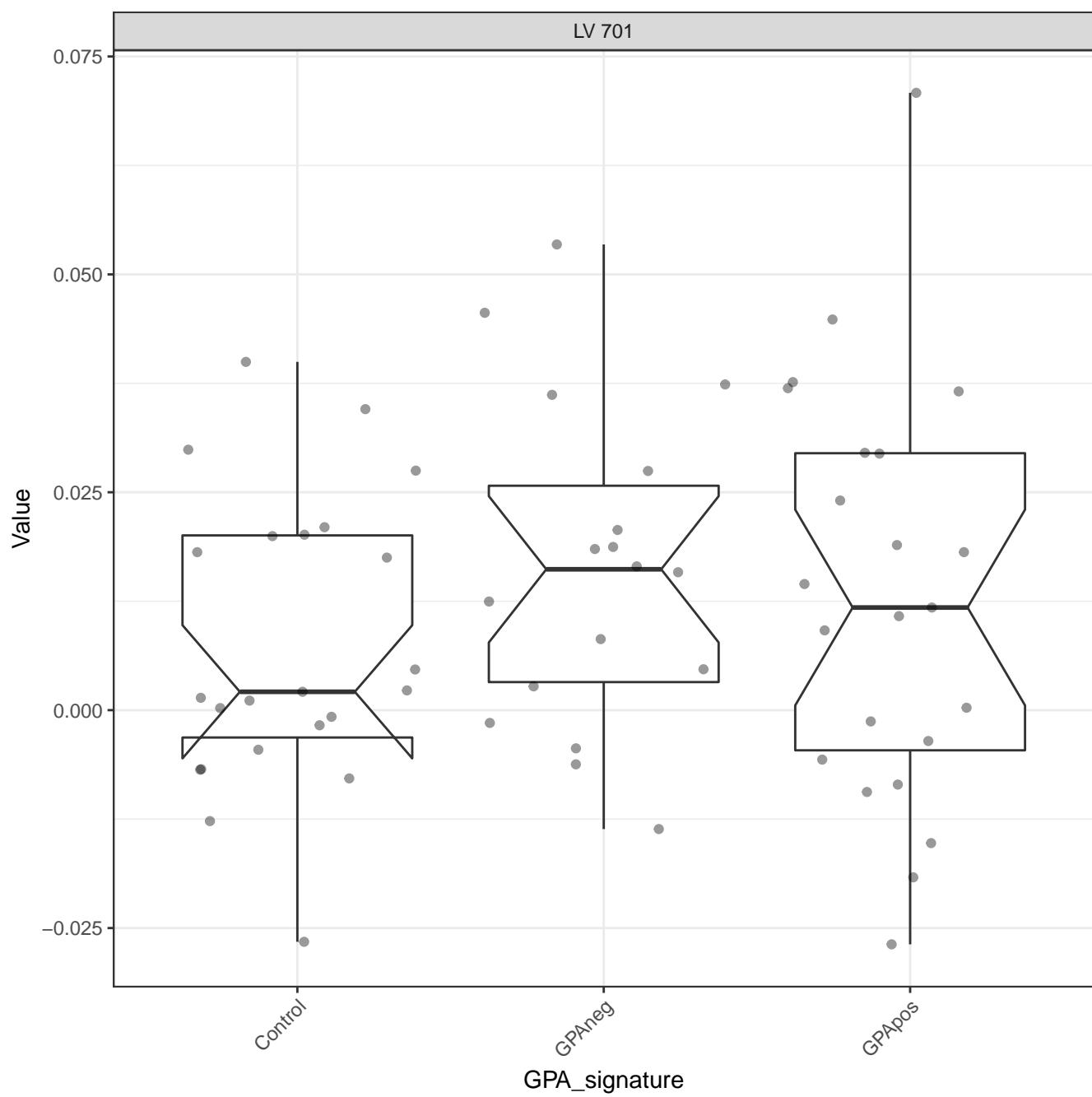
GPAneg

GPApos

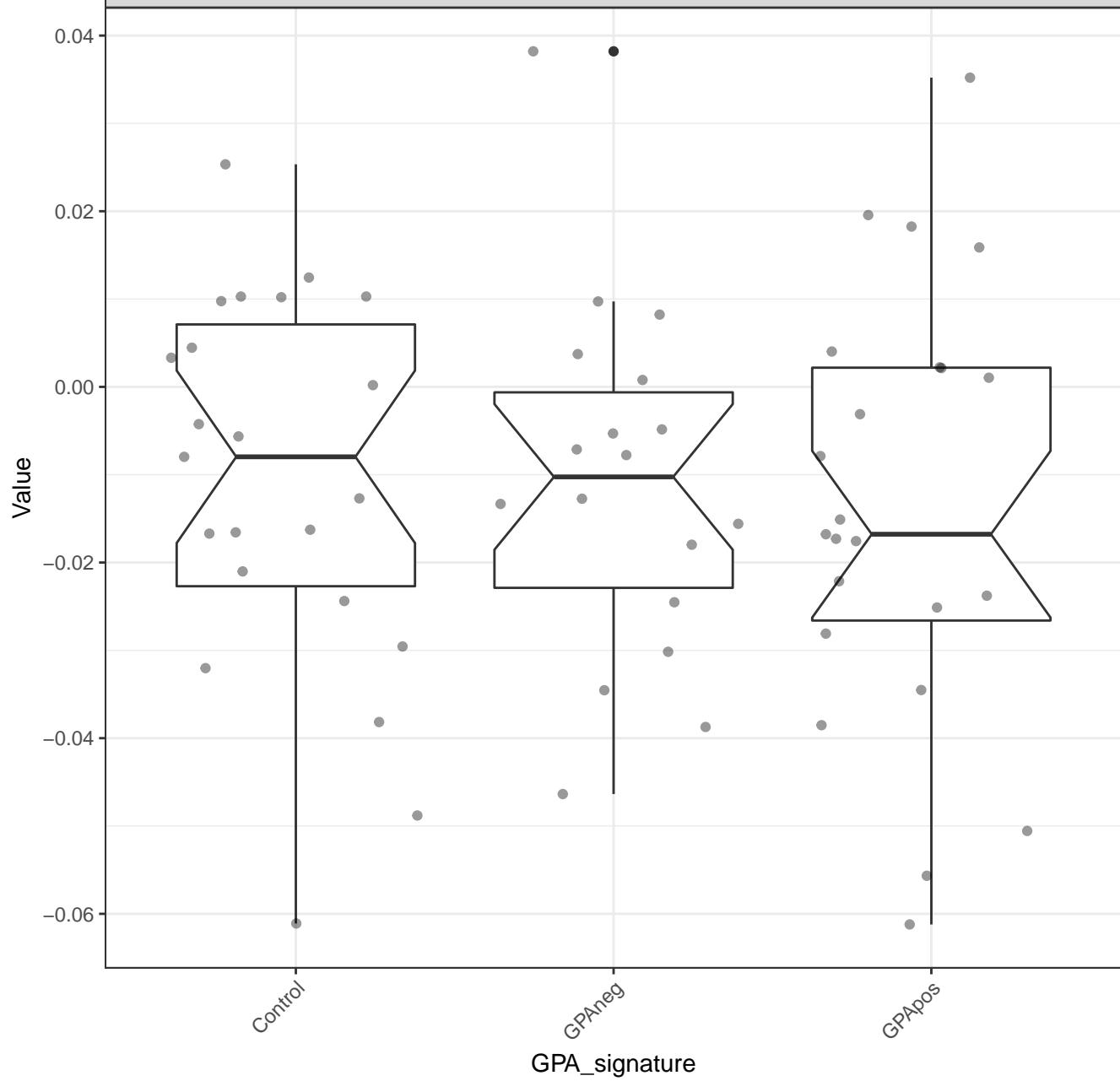
GPA_signature



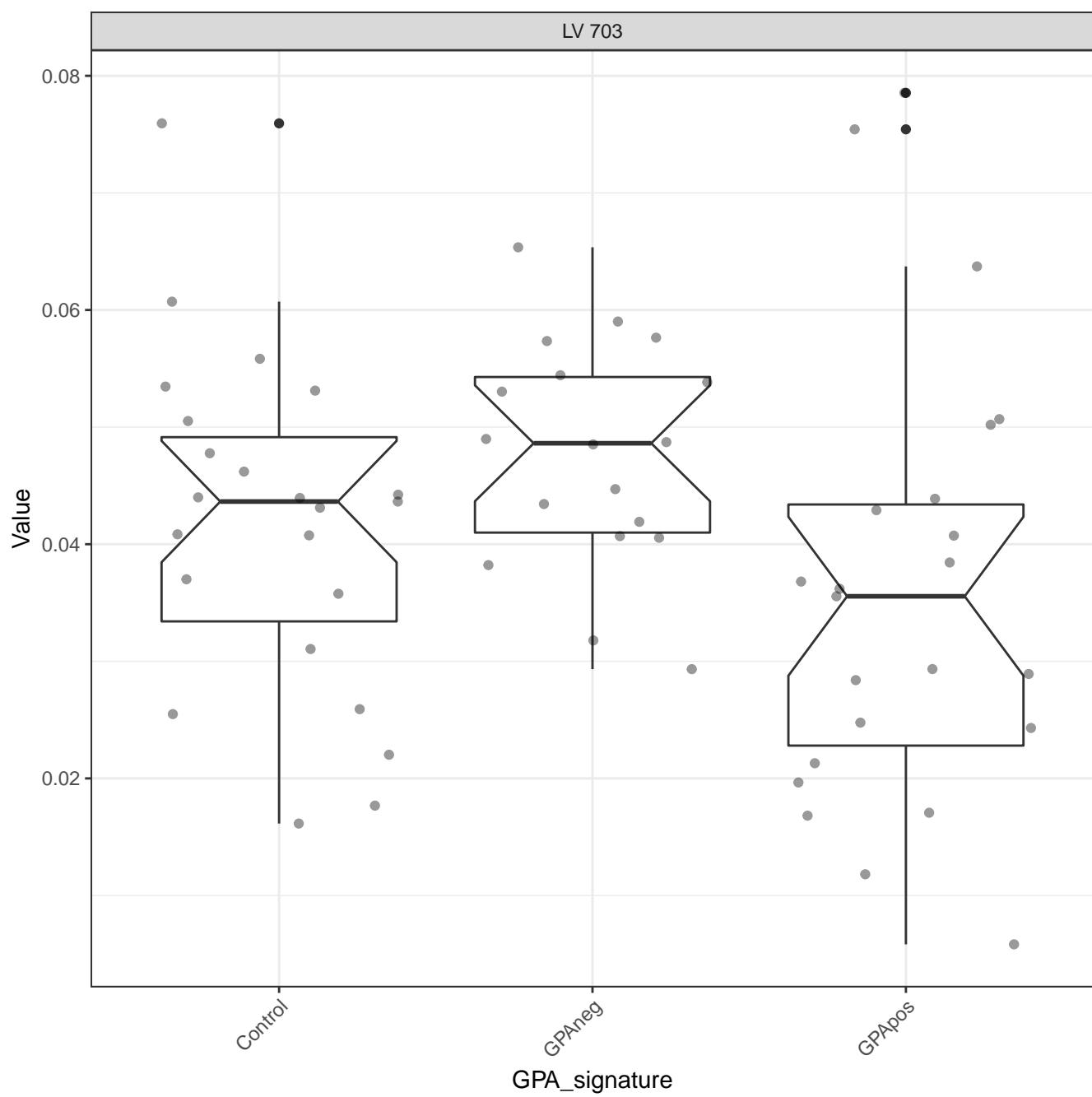
LV 701



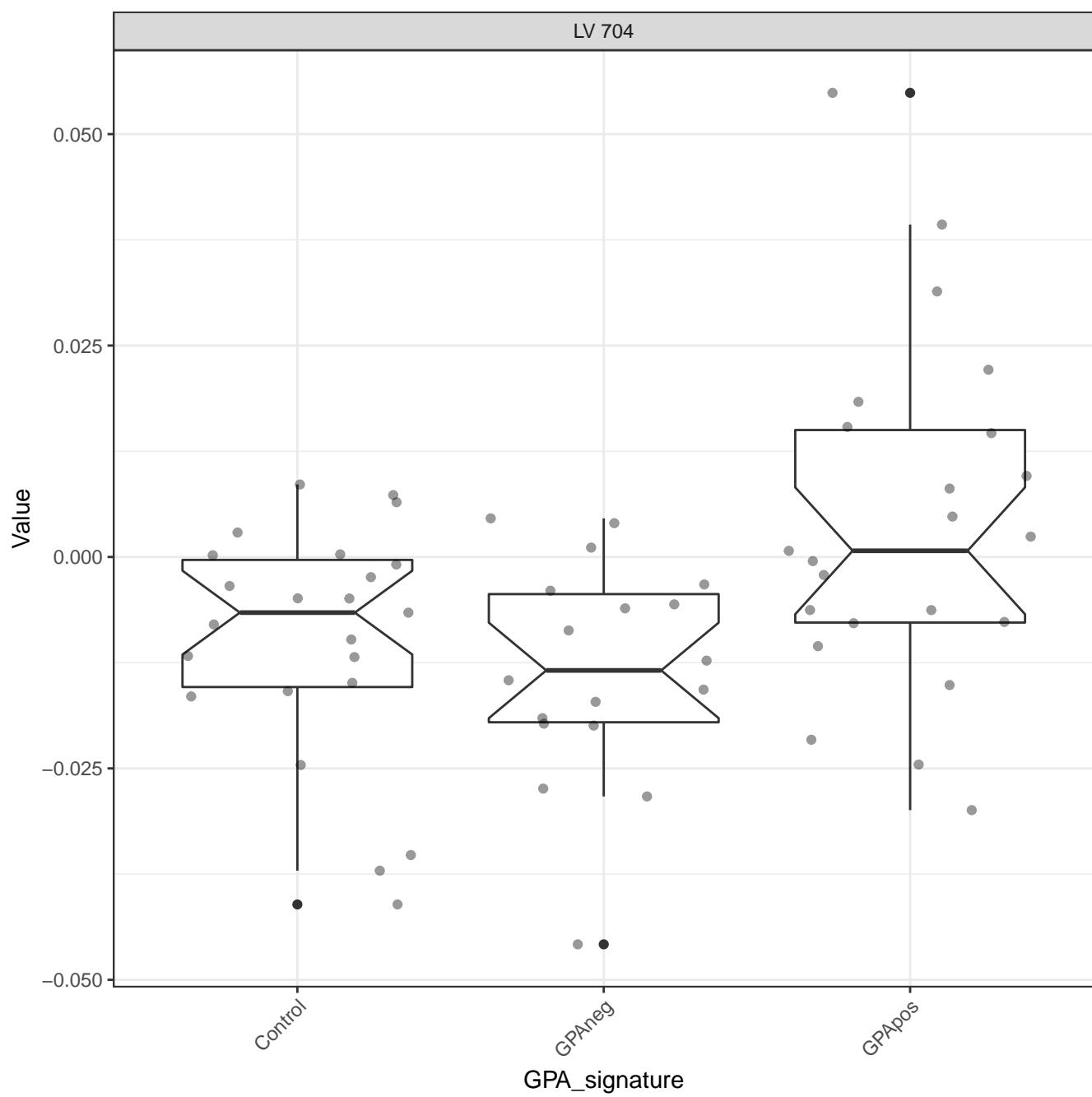
LV 702



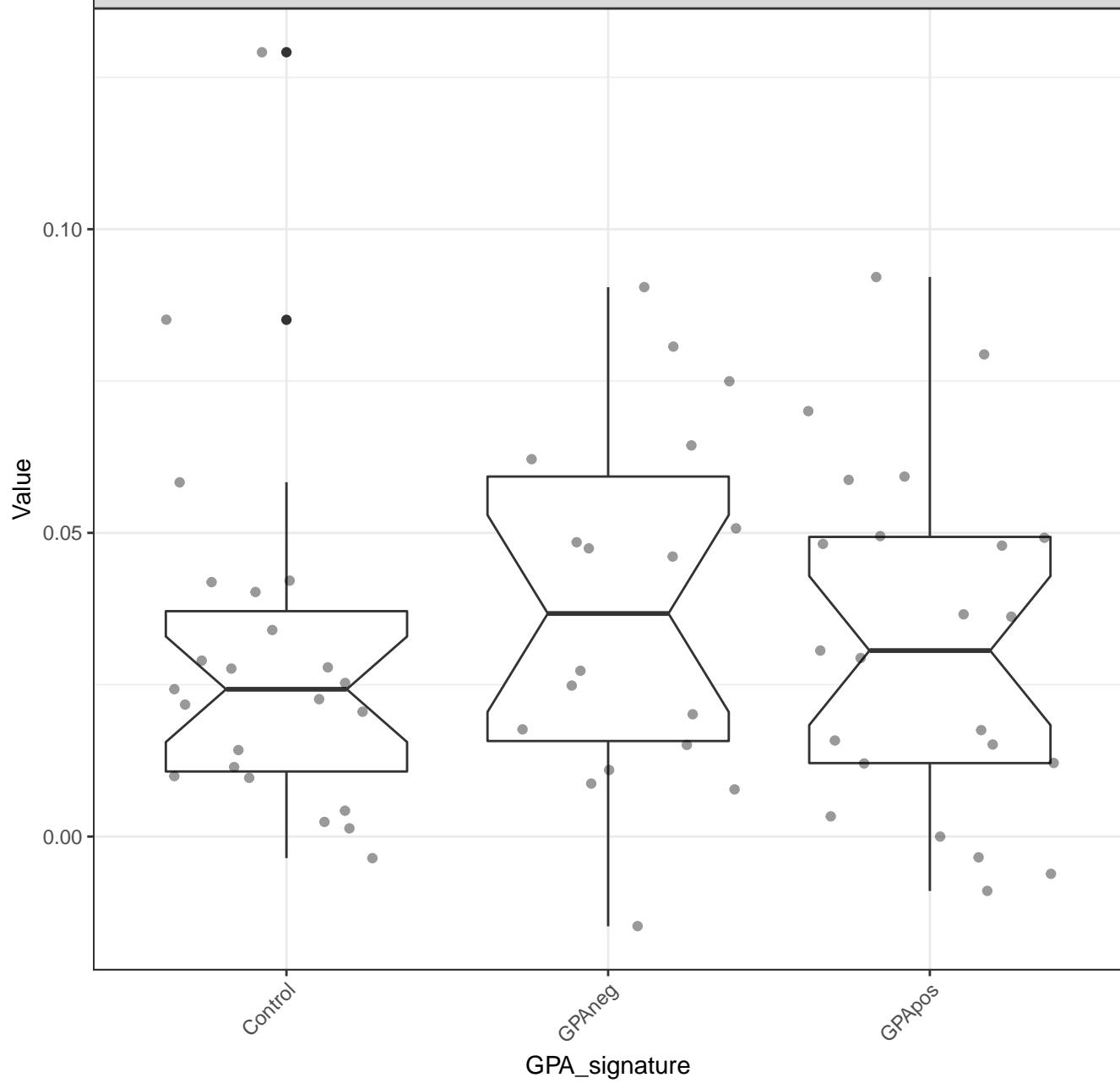
LV 703



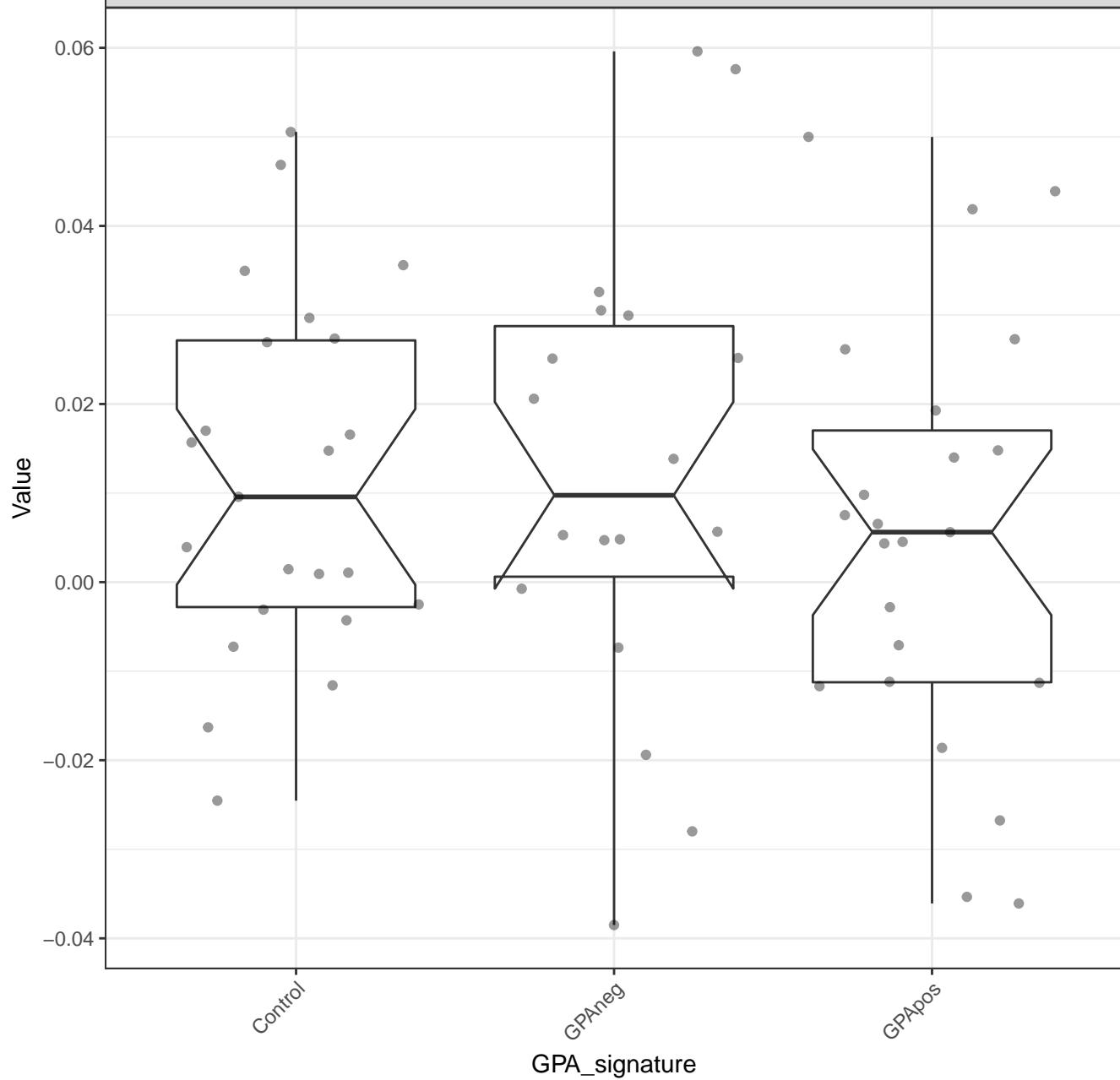
LV 704



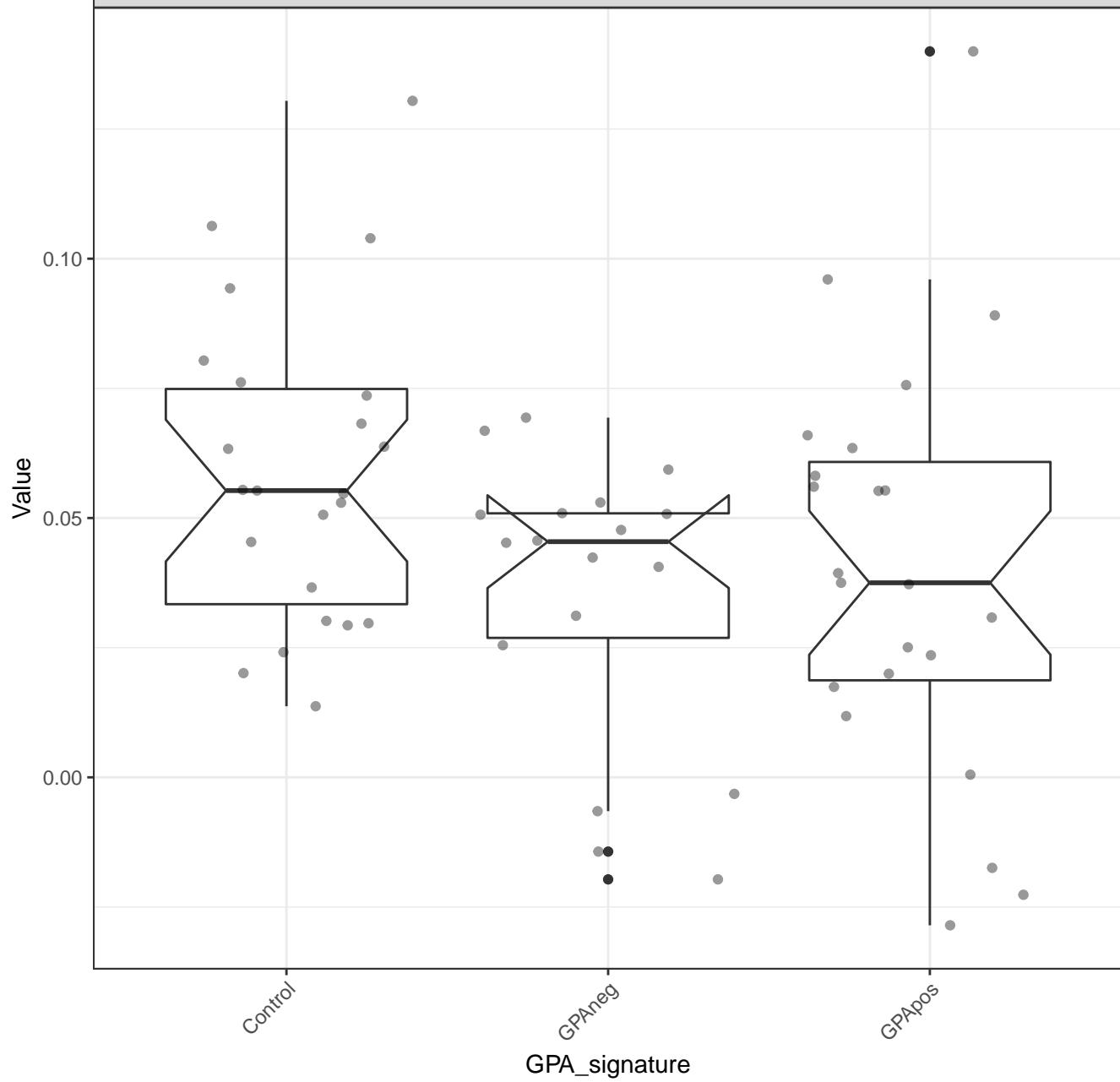
705,SVM NK cells activated



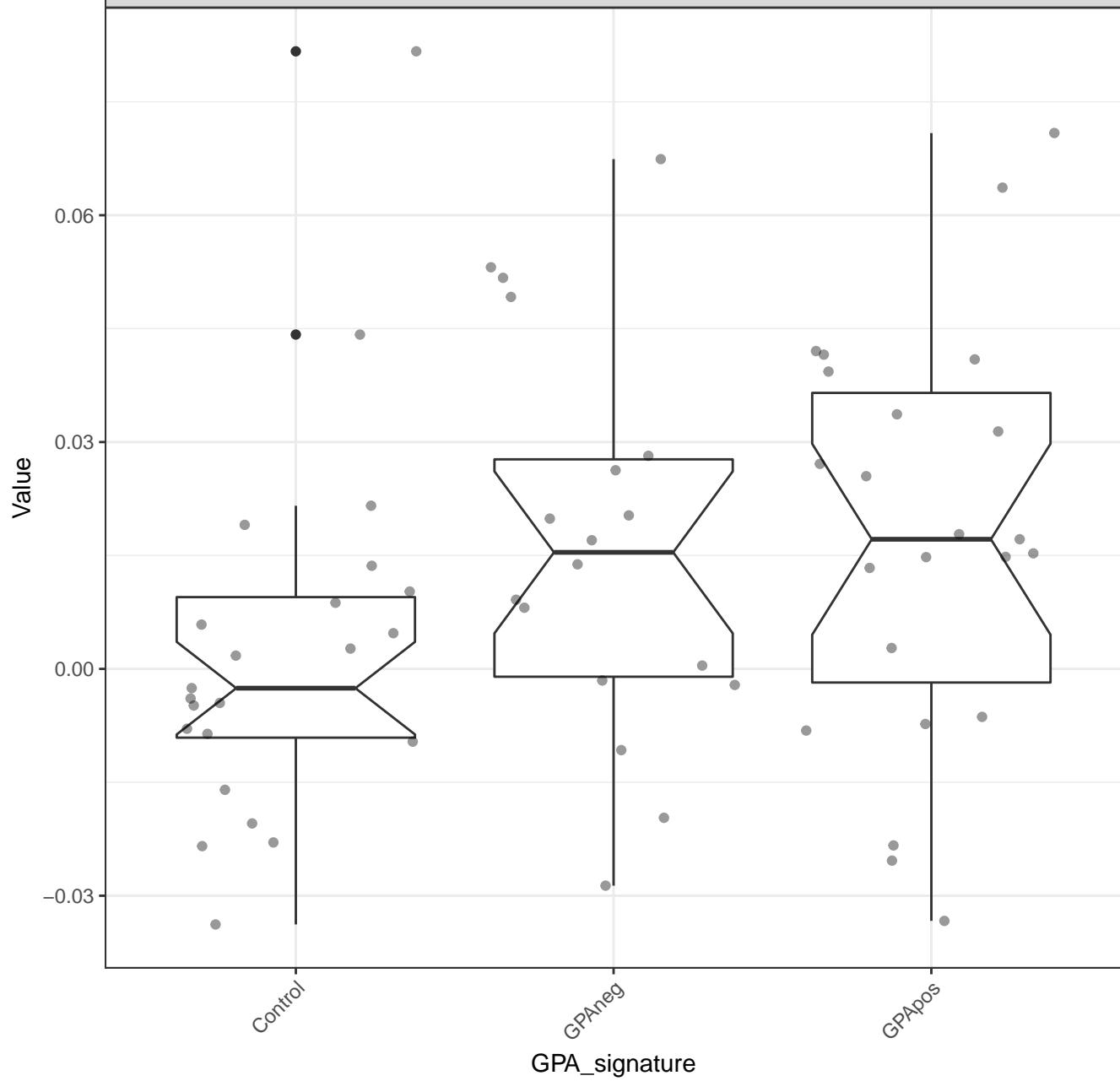
LV 706



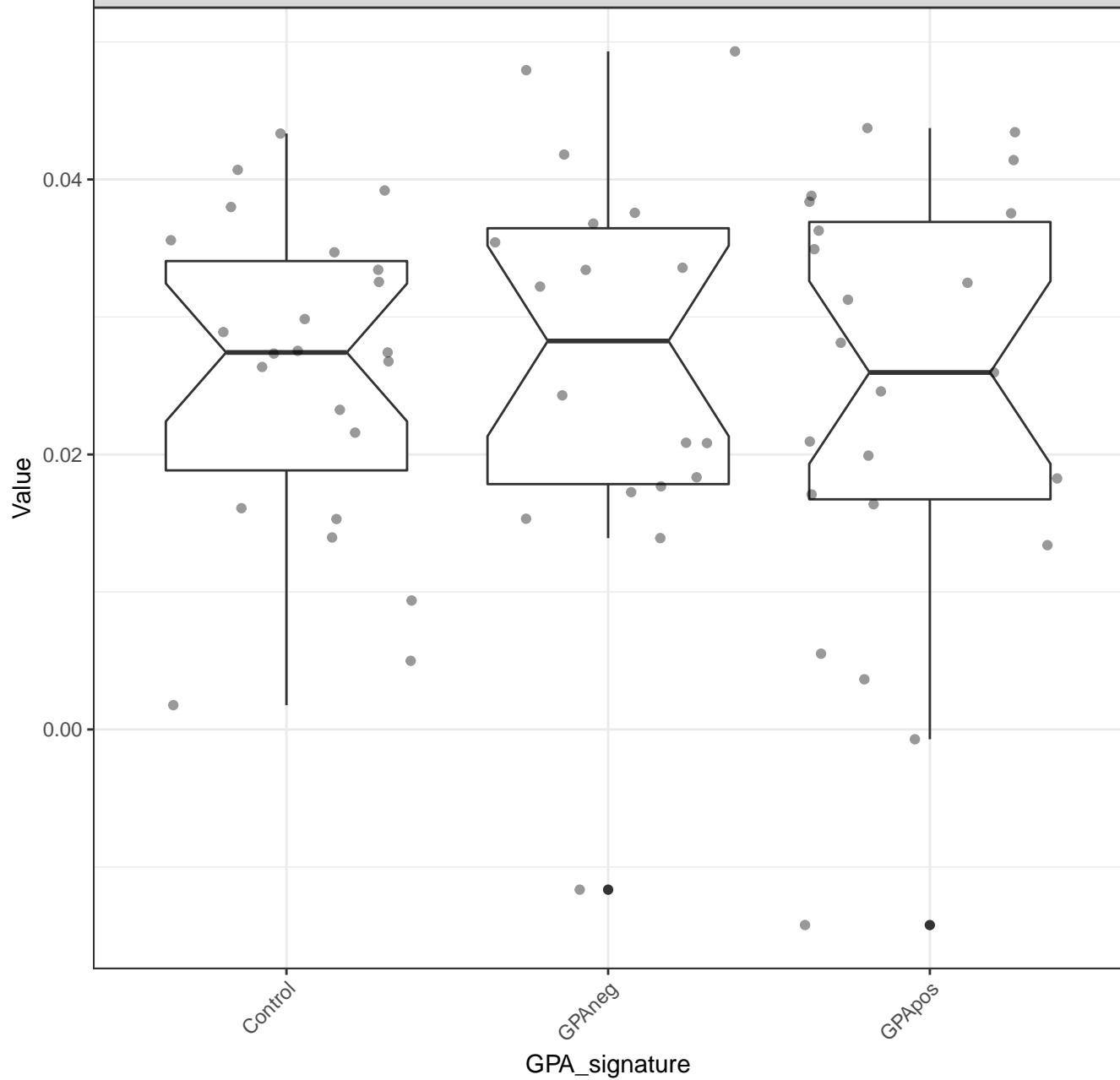
707,REACTOME_PEPTIDE_CHAIN_ELONGATION



LV 708



LV 709



Value

0.05

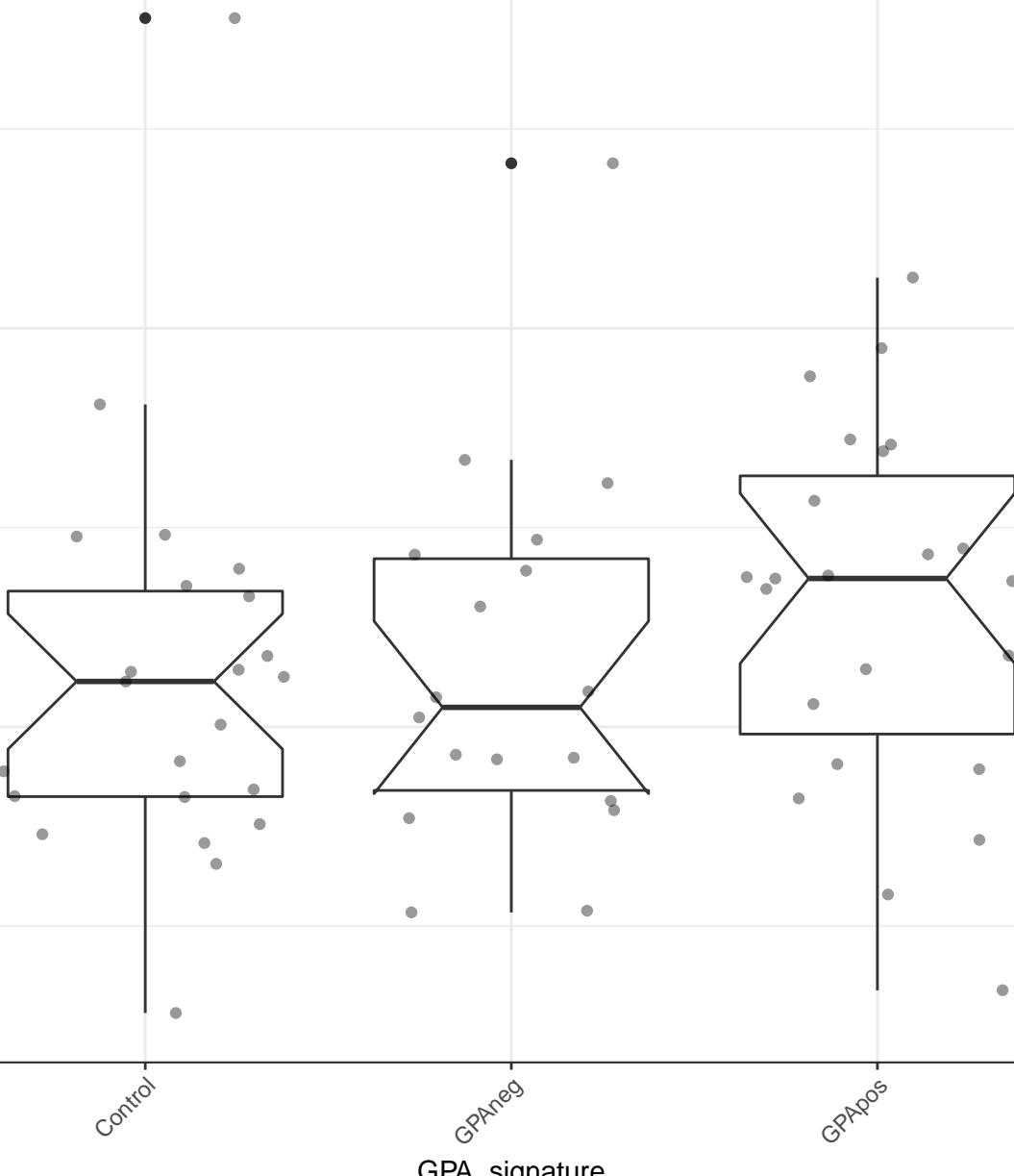
0.00

Control

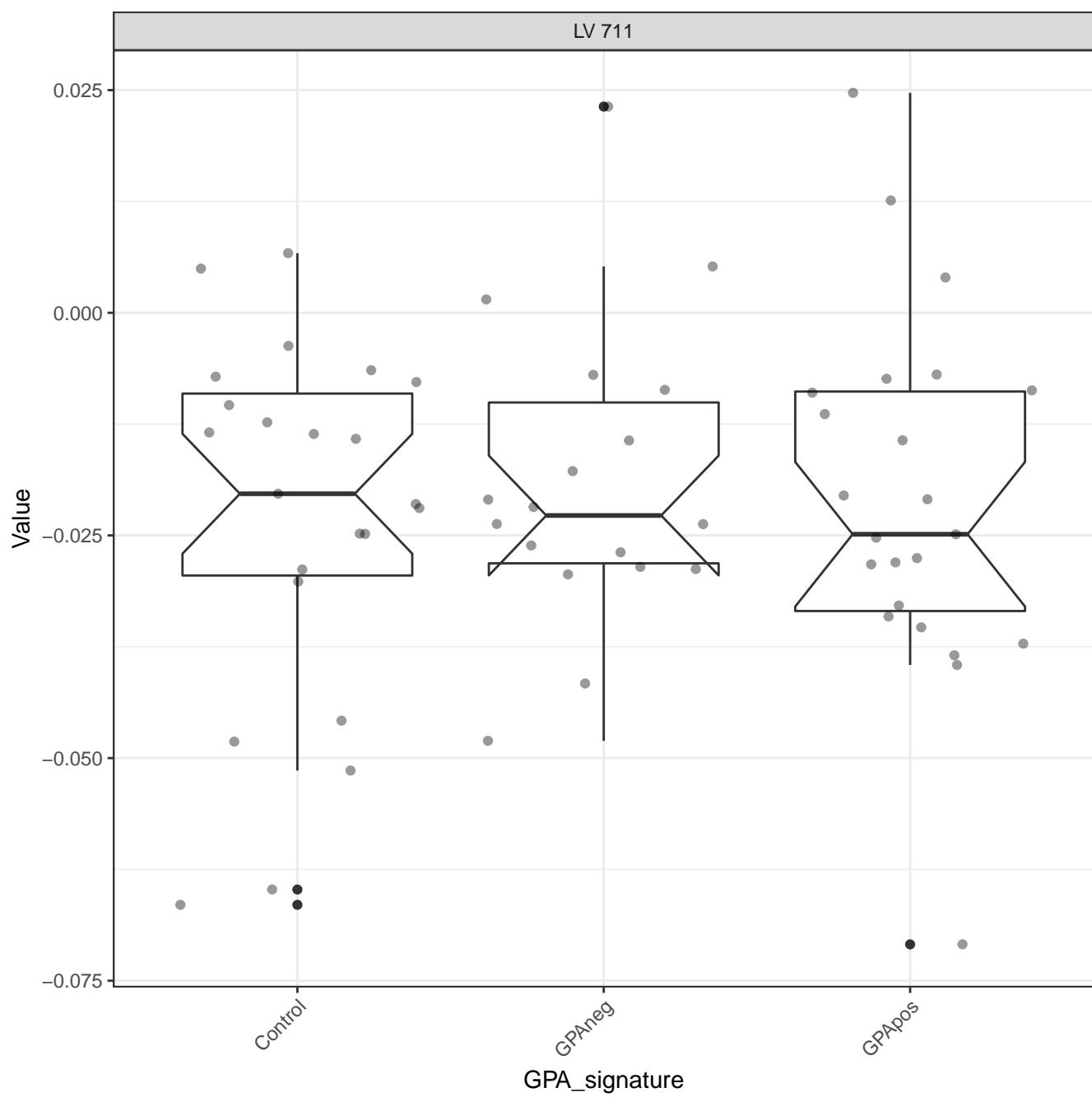
GPA_signature

GPAneg

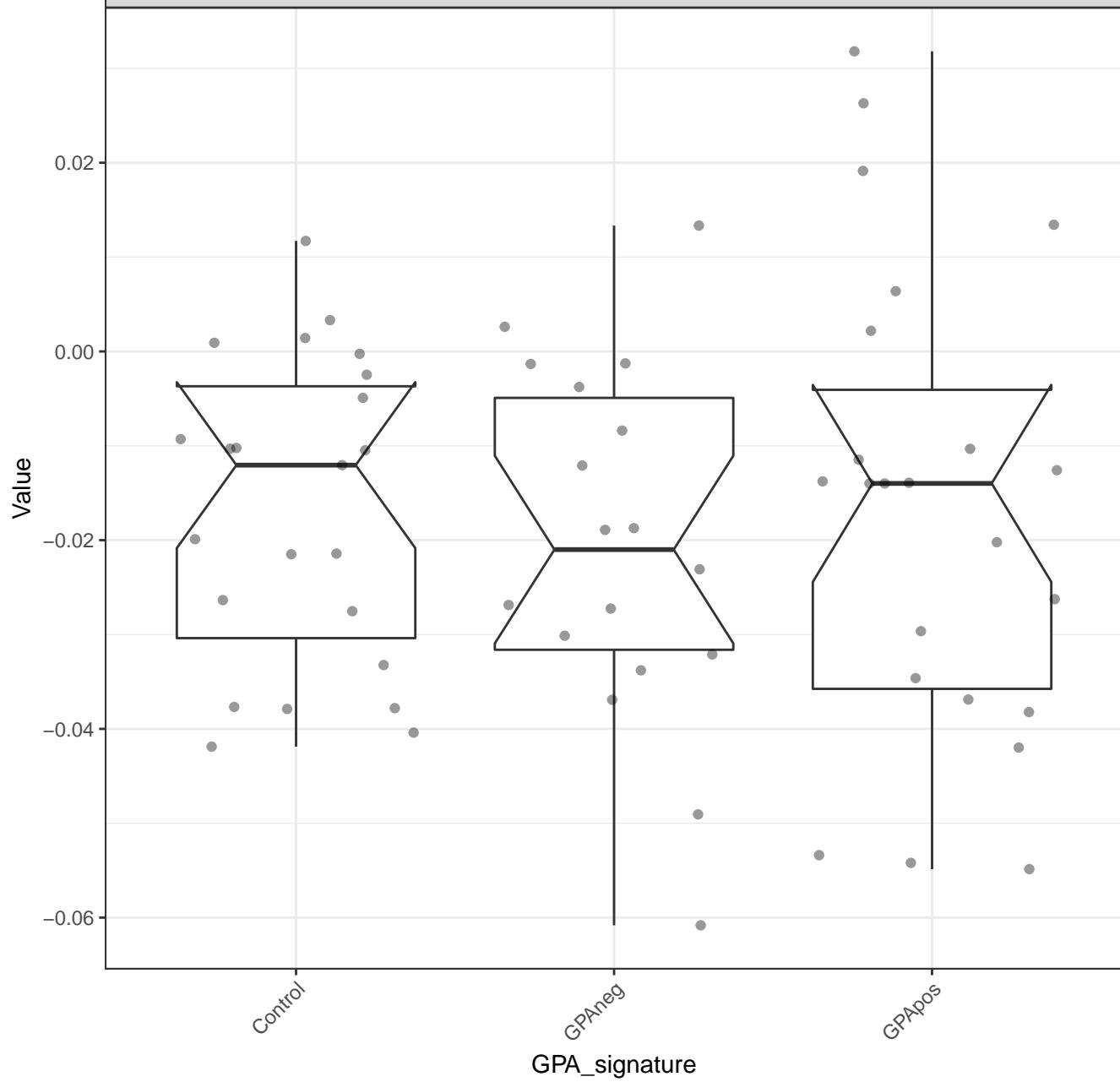
GPApos

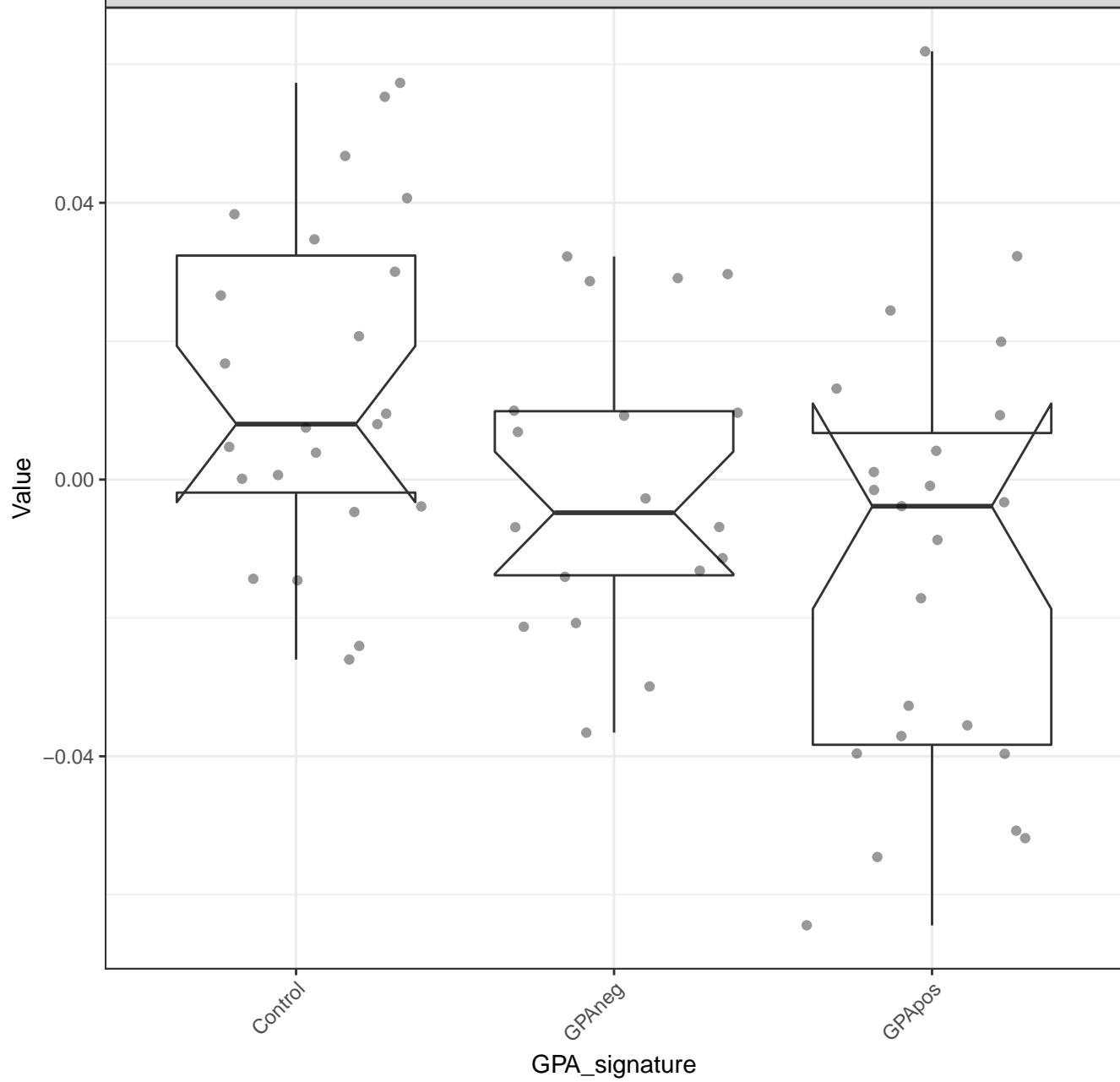


LV 711

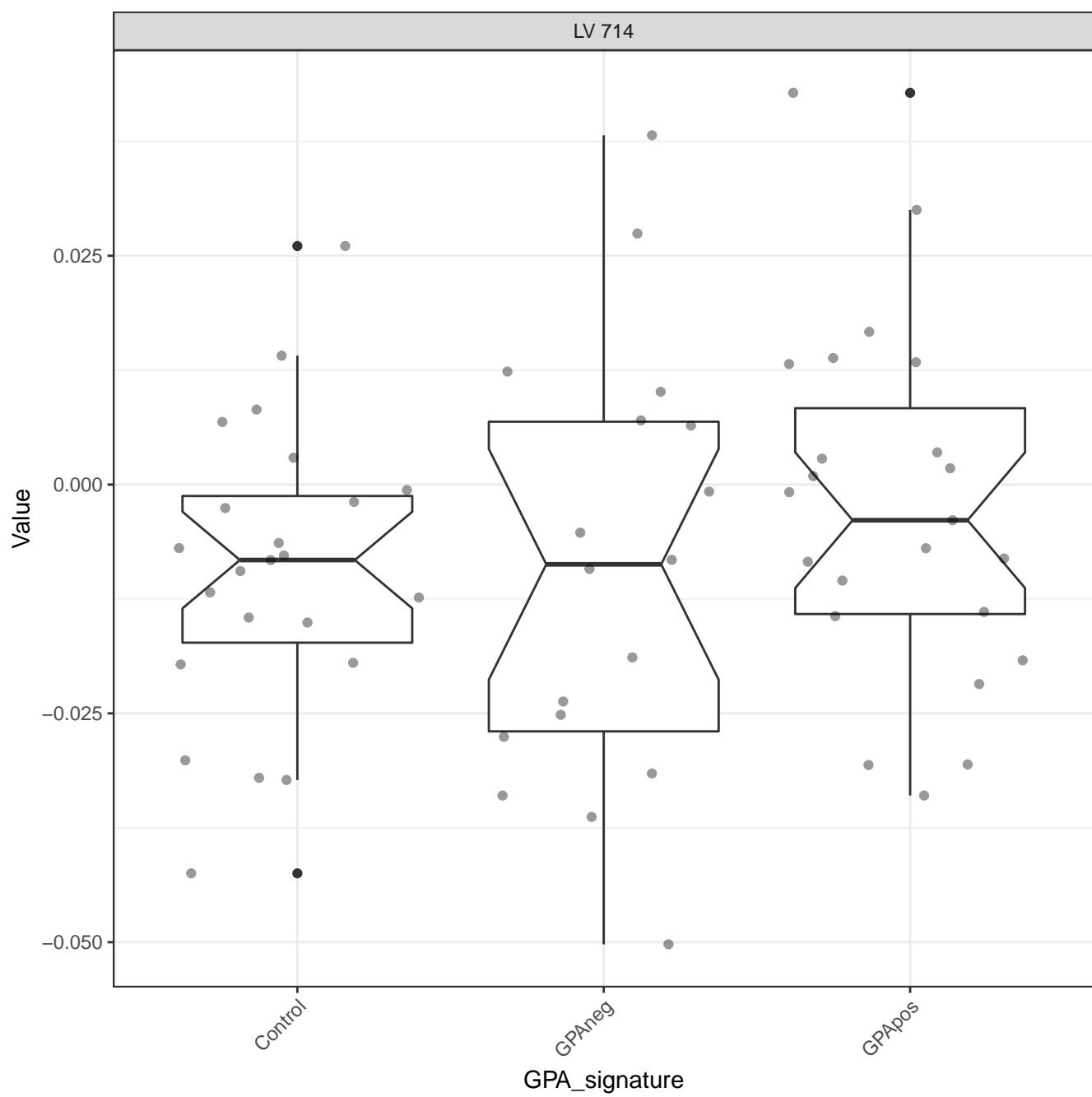


LV 712





LV 714



LV 715

Value

0.04

0.00

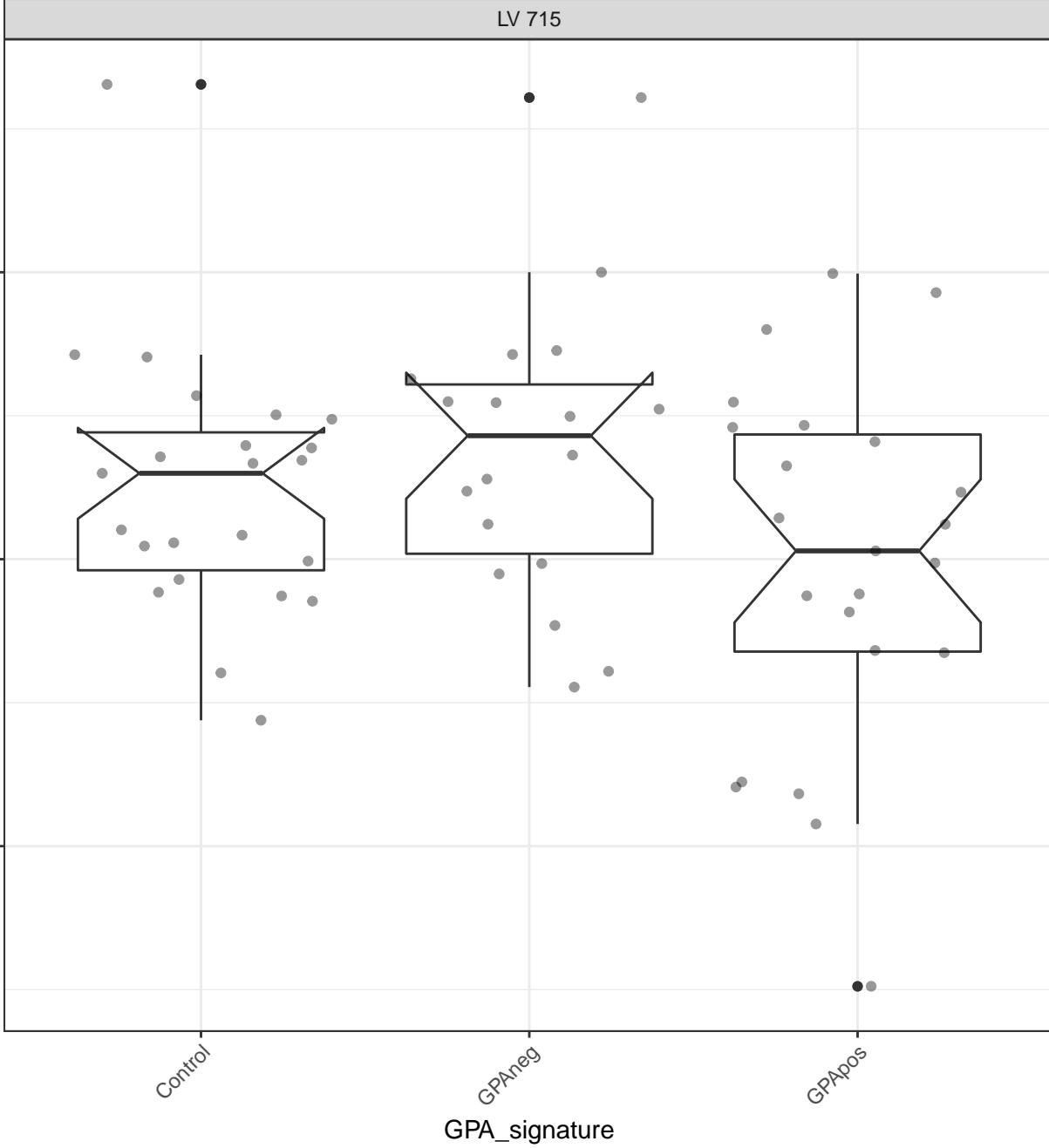
-0.04

Control

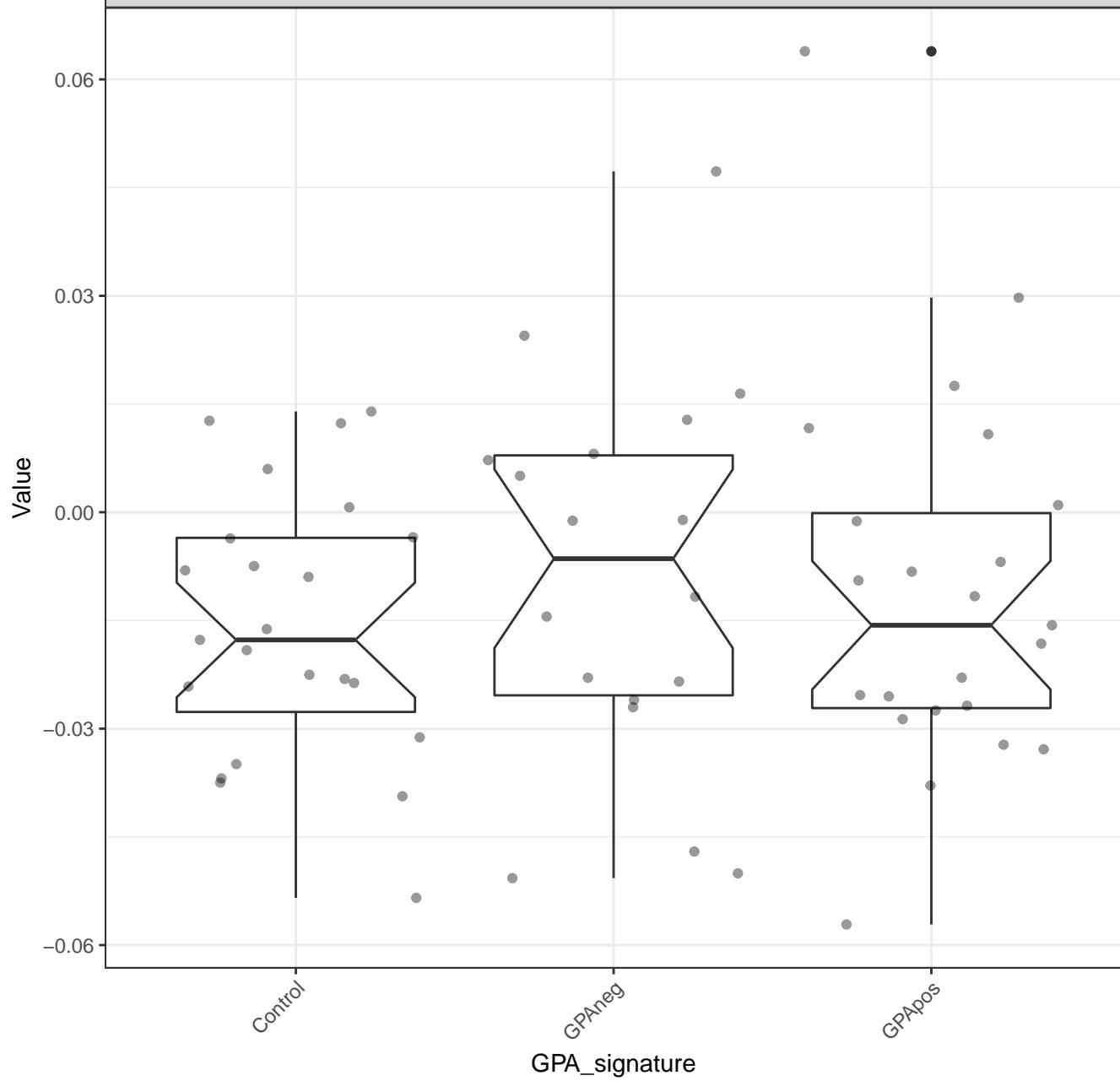
GPAneg

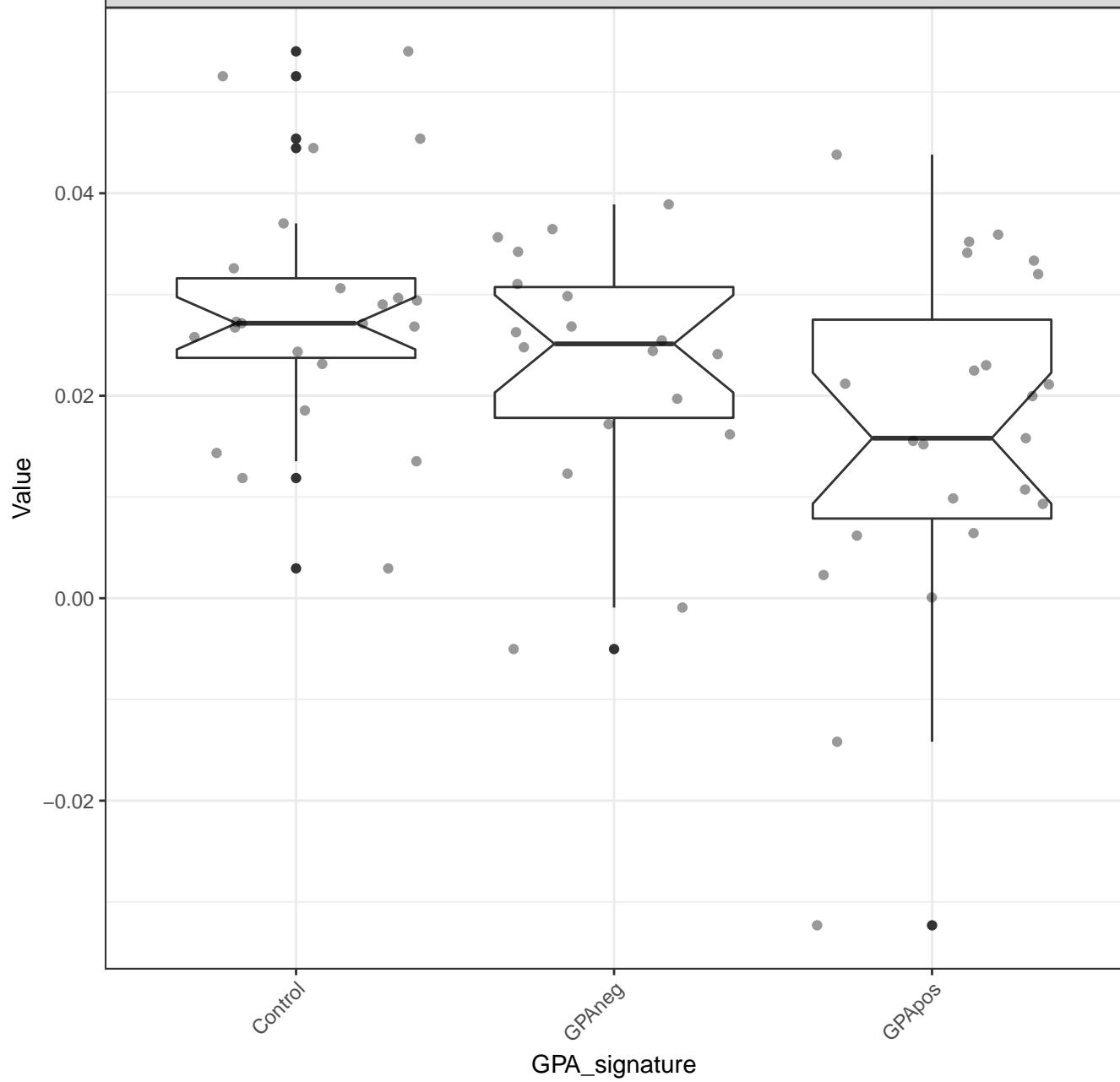
GPAPos

GPA_signature



LV 716





LV 718

Value

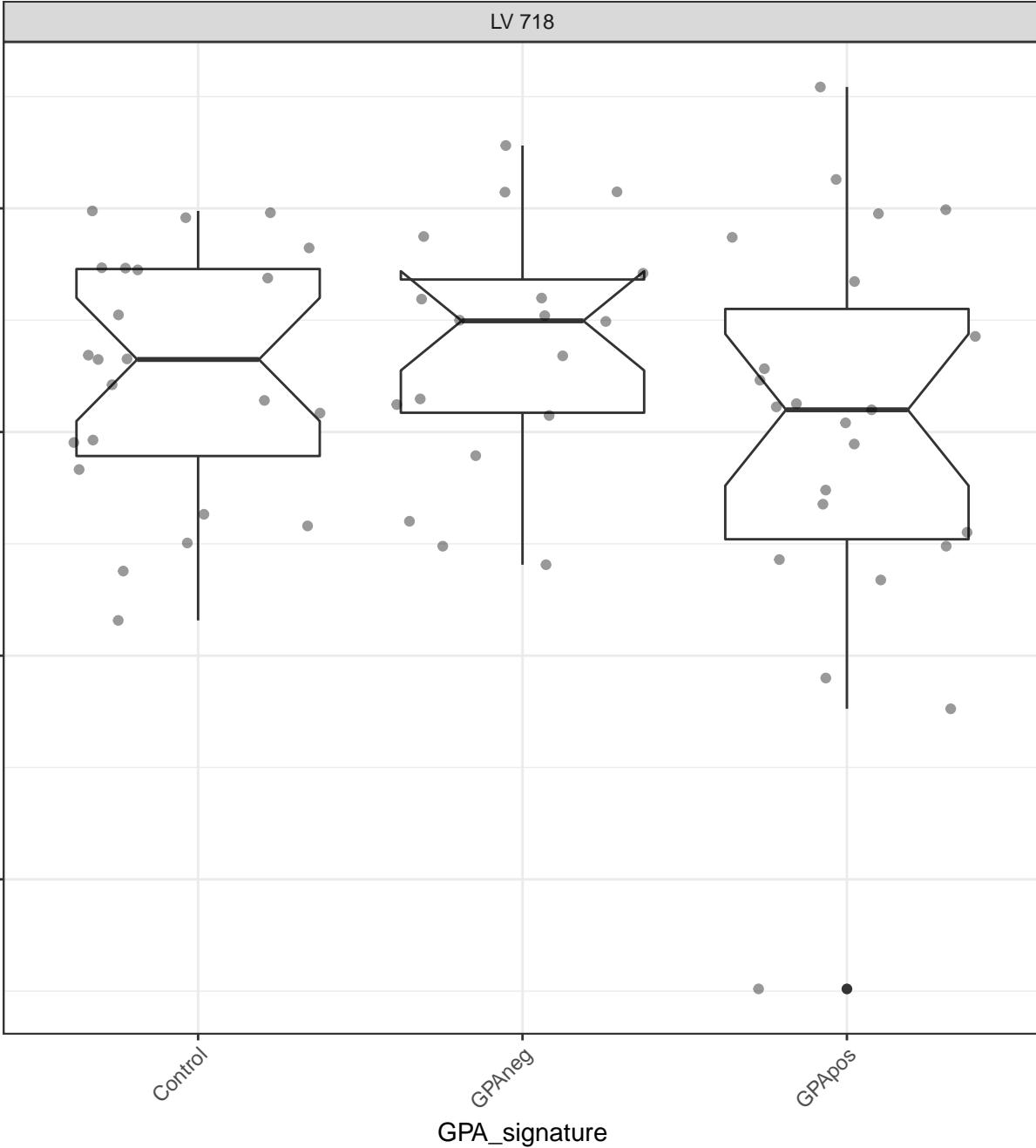
0.050
0.025
0.000
-0.025

Control

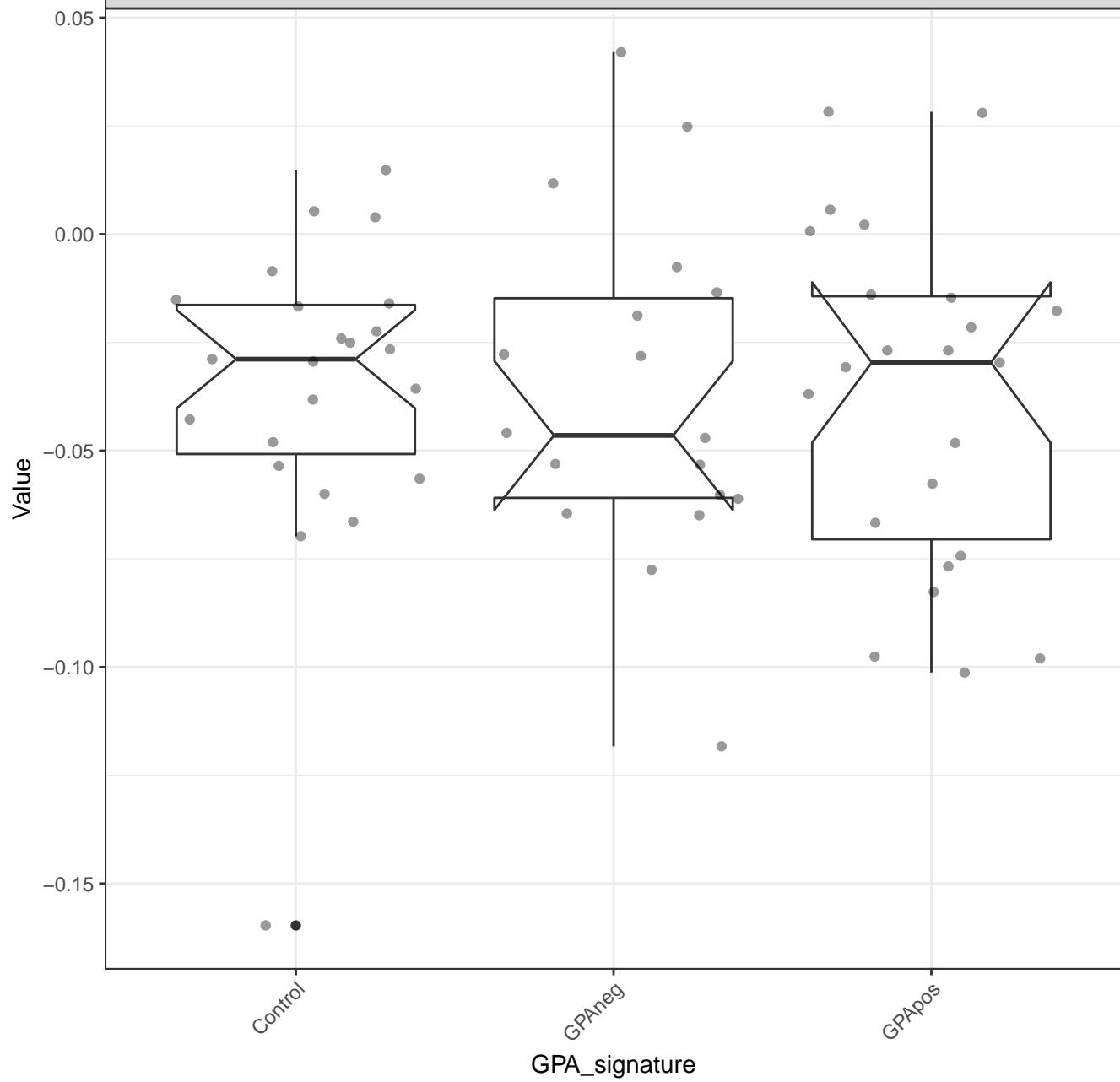
GPAneg

GPAPos

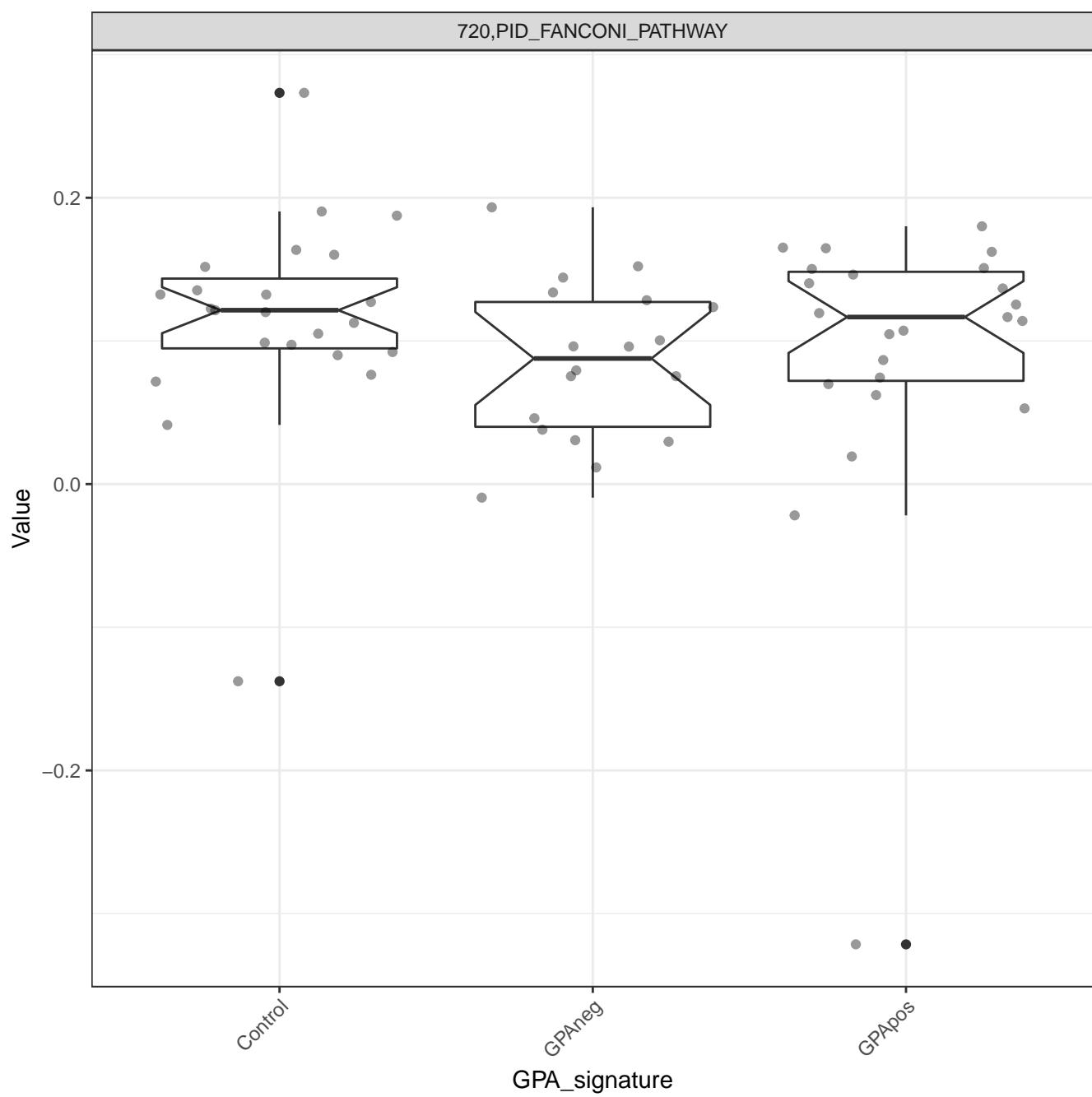
GPA_signature



719,DMAP_CMP



720,PID_FANCONI_PATHWAY



Value

0.10

0.05

0.00

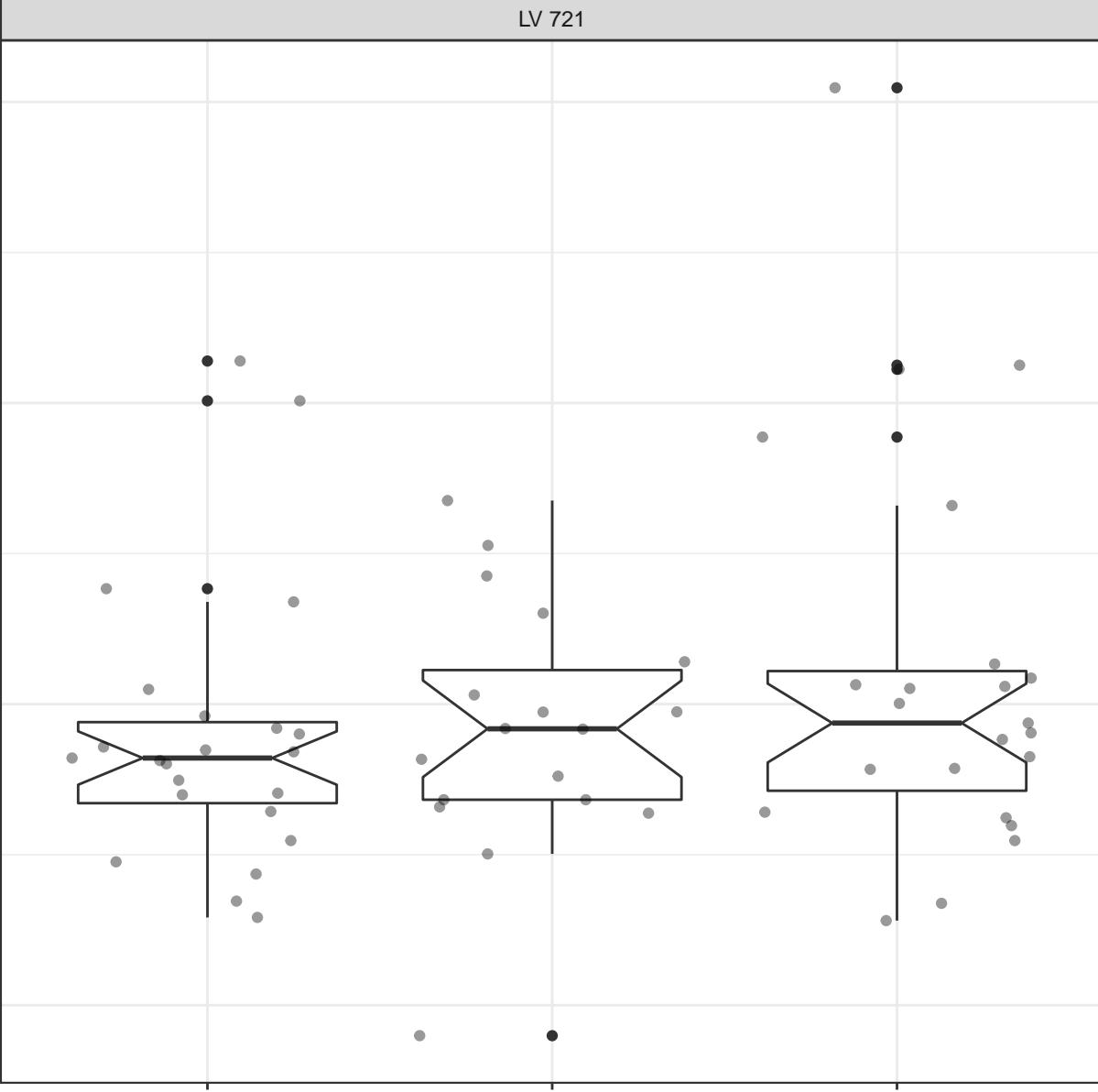
-0.05

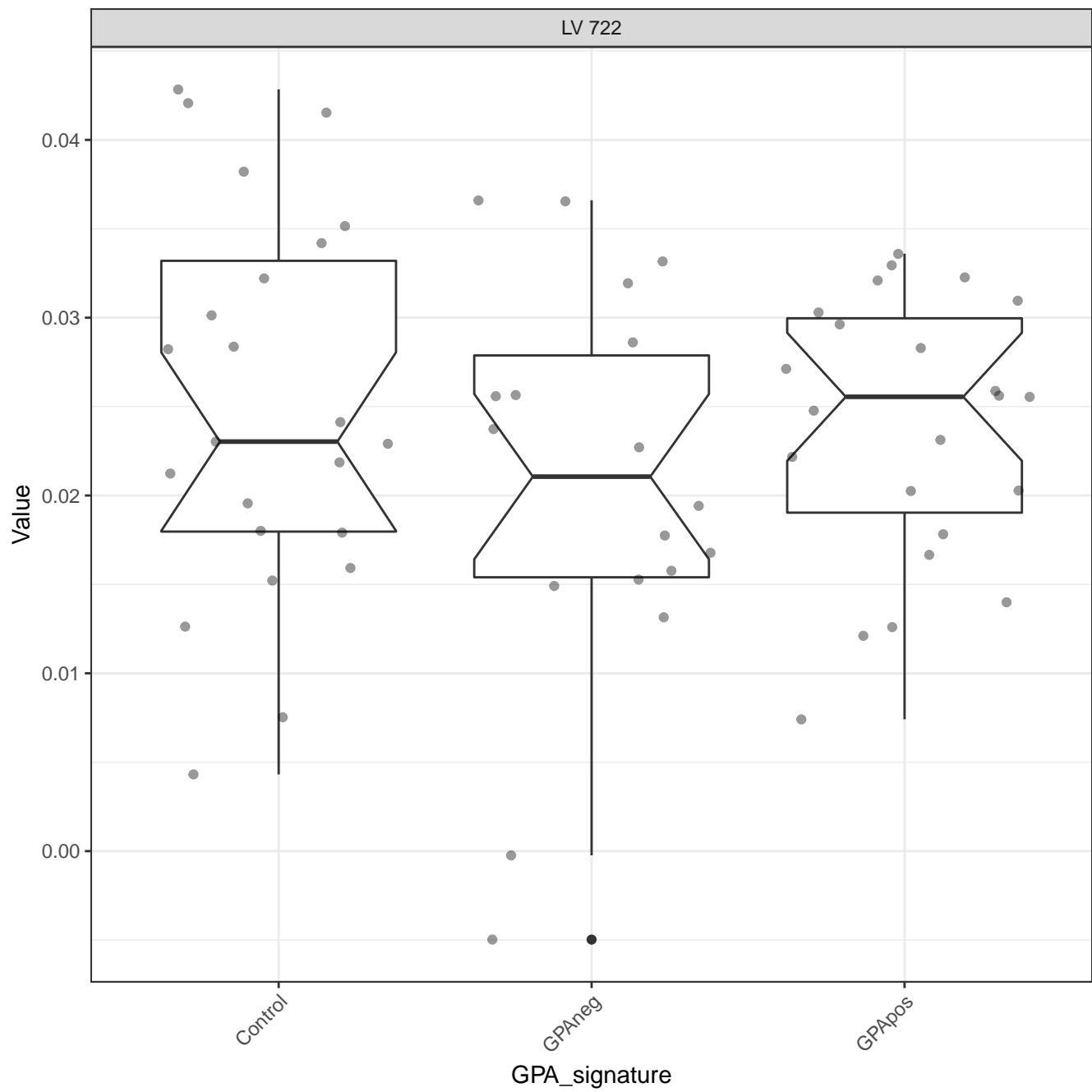
Control

GPA_signature

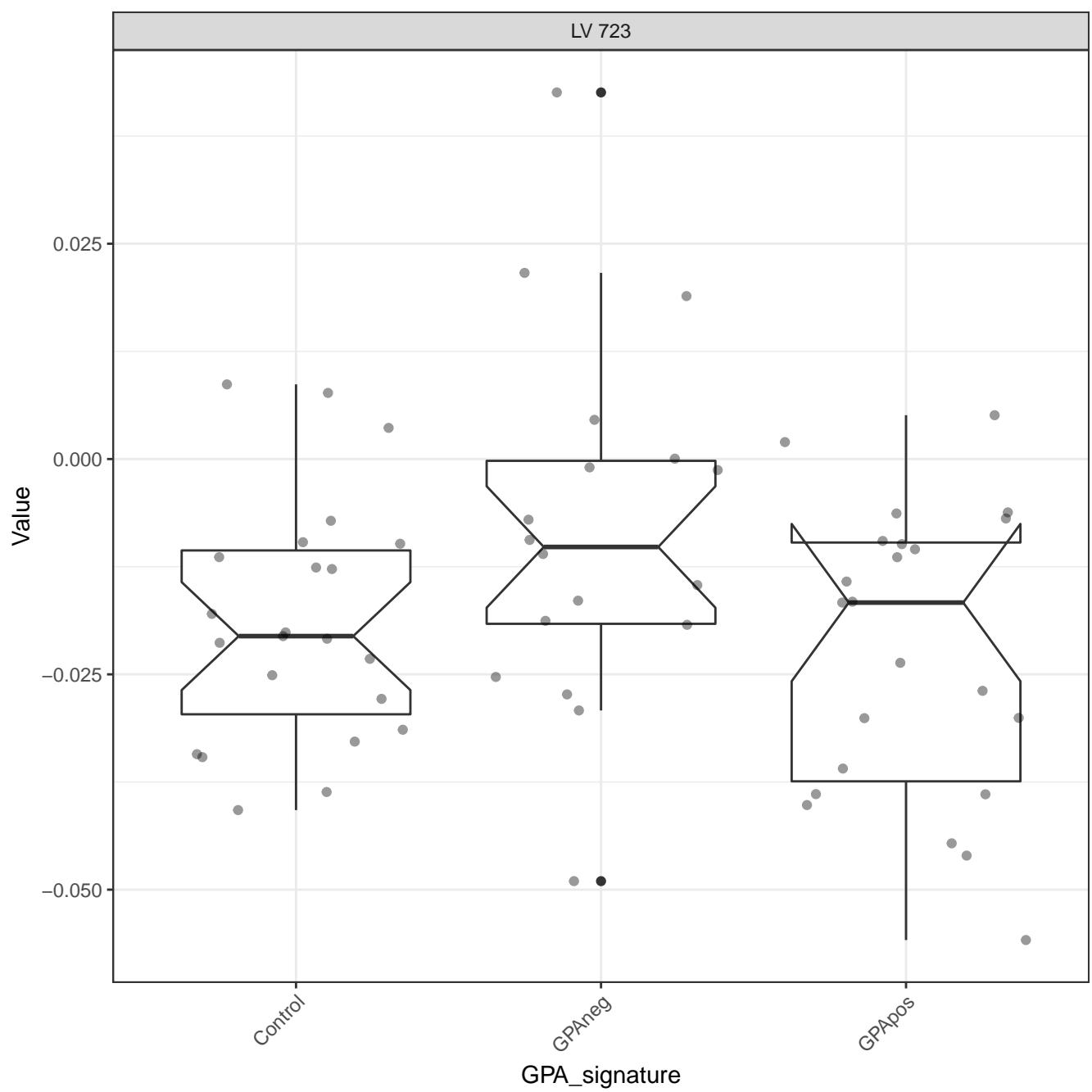
GPAneg

GPAPos

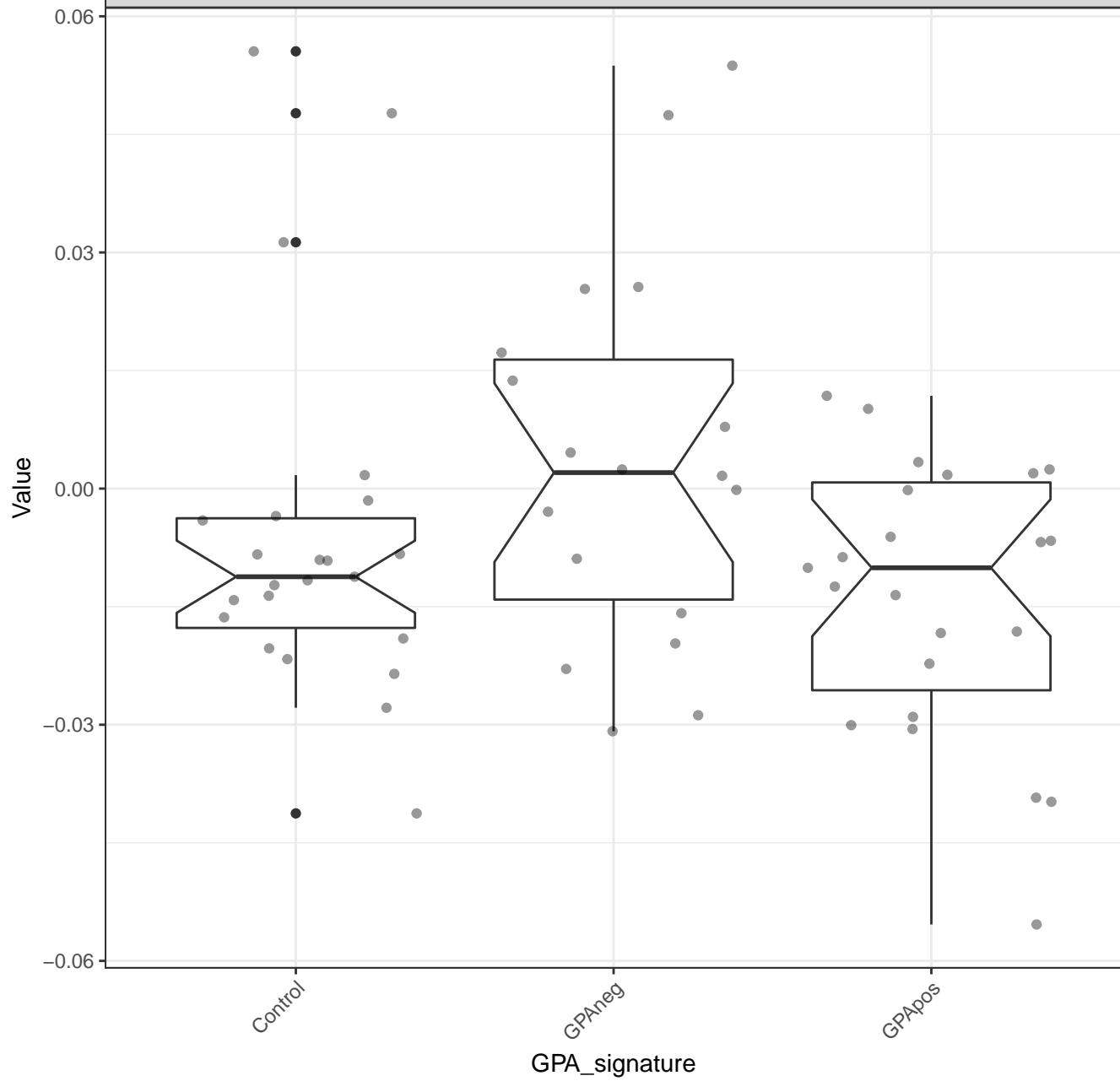




LV 723



LV 724



Value

0.05

0.00

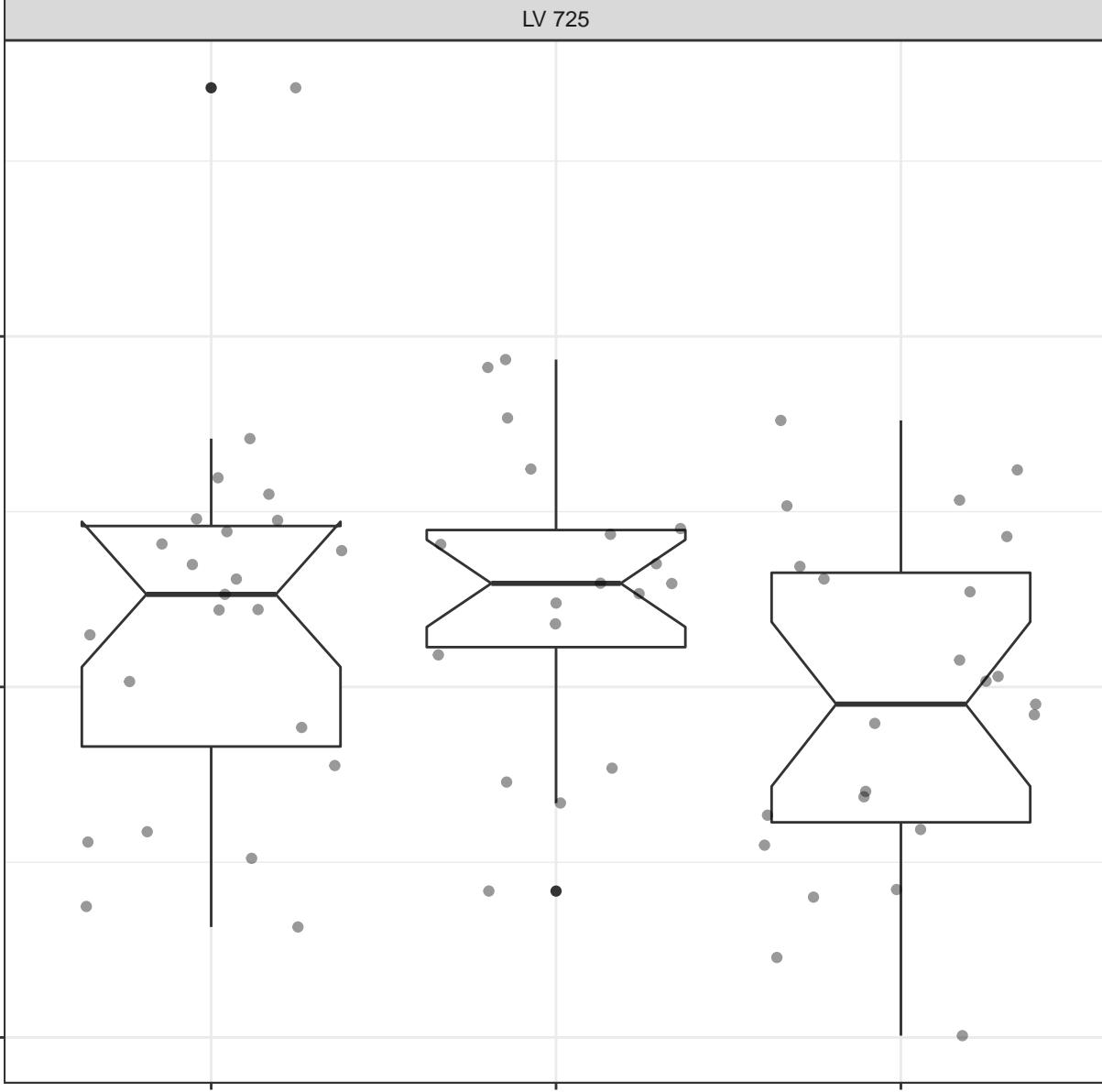
-0.05

Control

GPA_signature

GPAneg

GPApos



LV 726

Value

0.05

0.00

-0.05

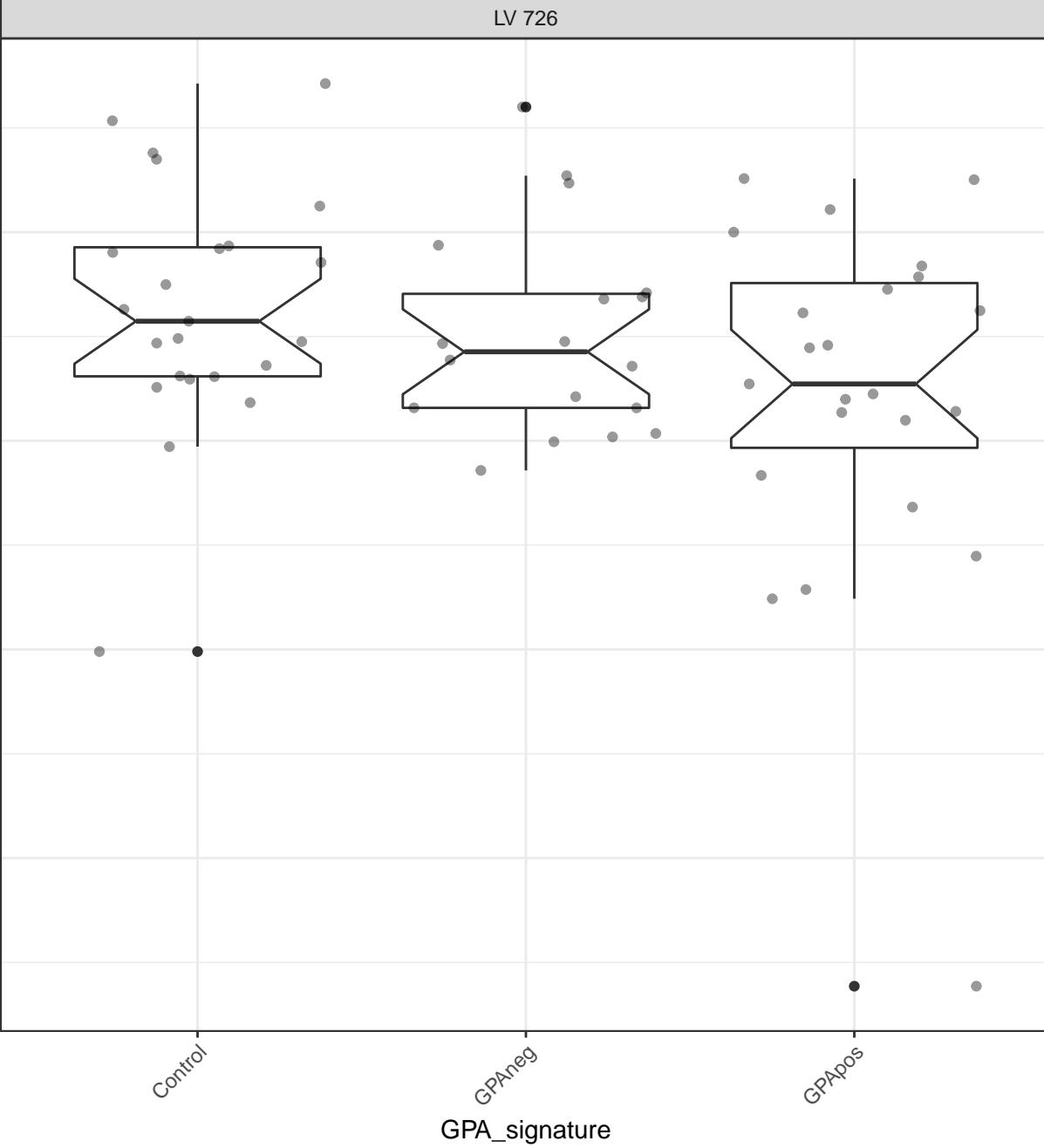
-0.10

Control

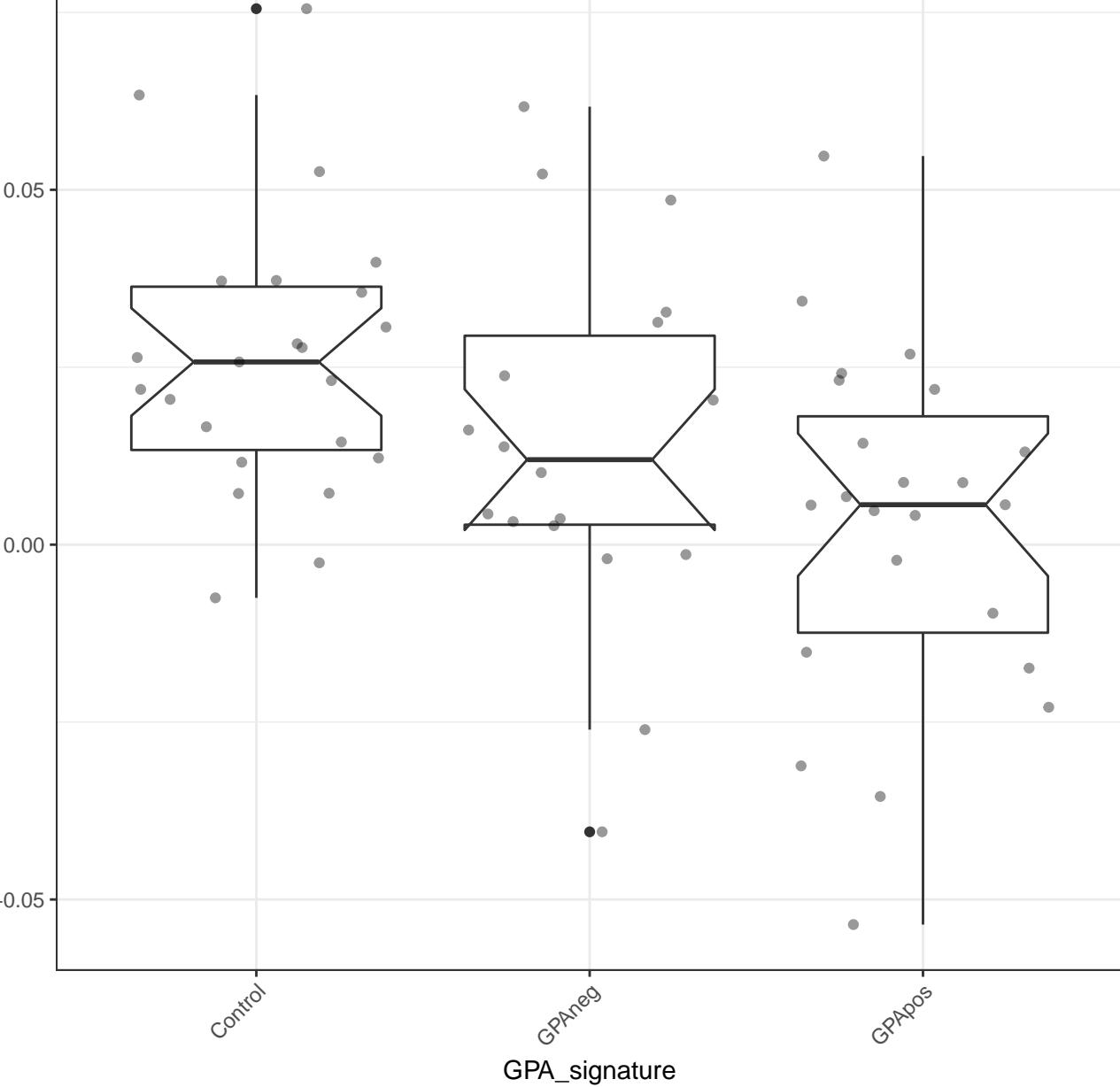
GPAneg

GPAPos

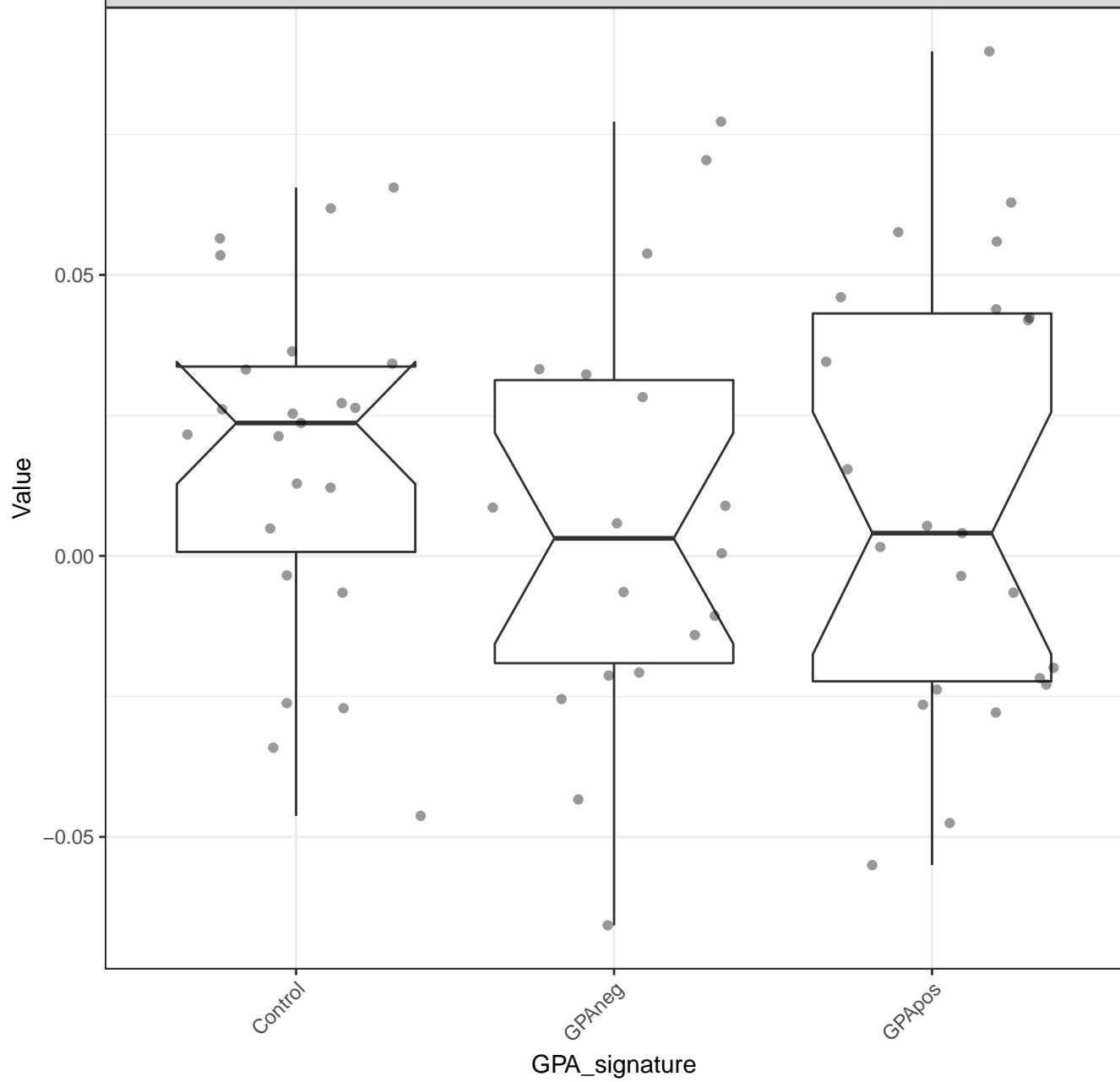
GPA_signature



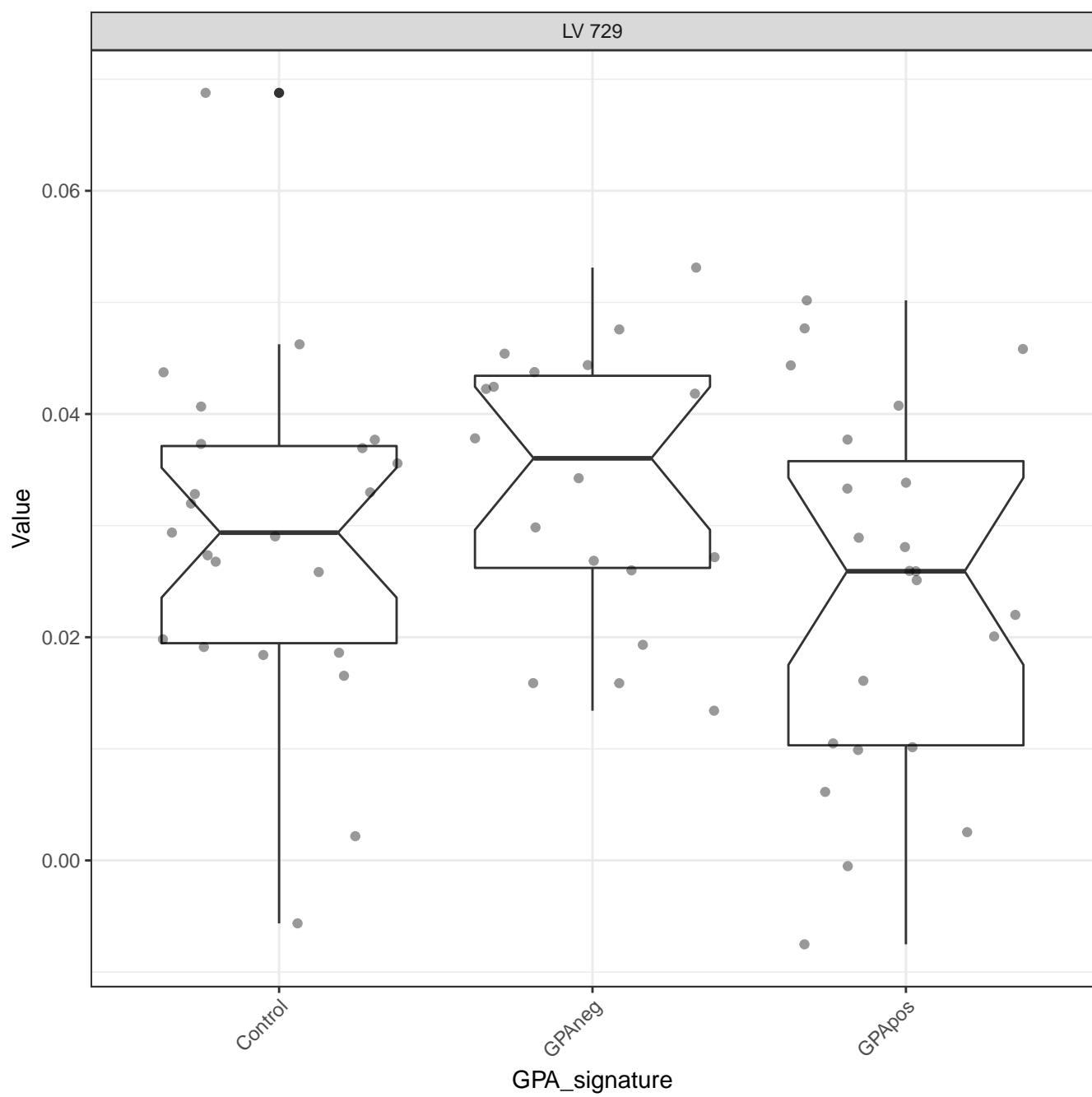
Value



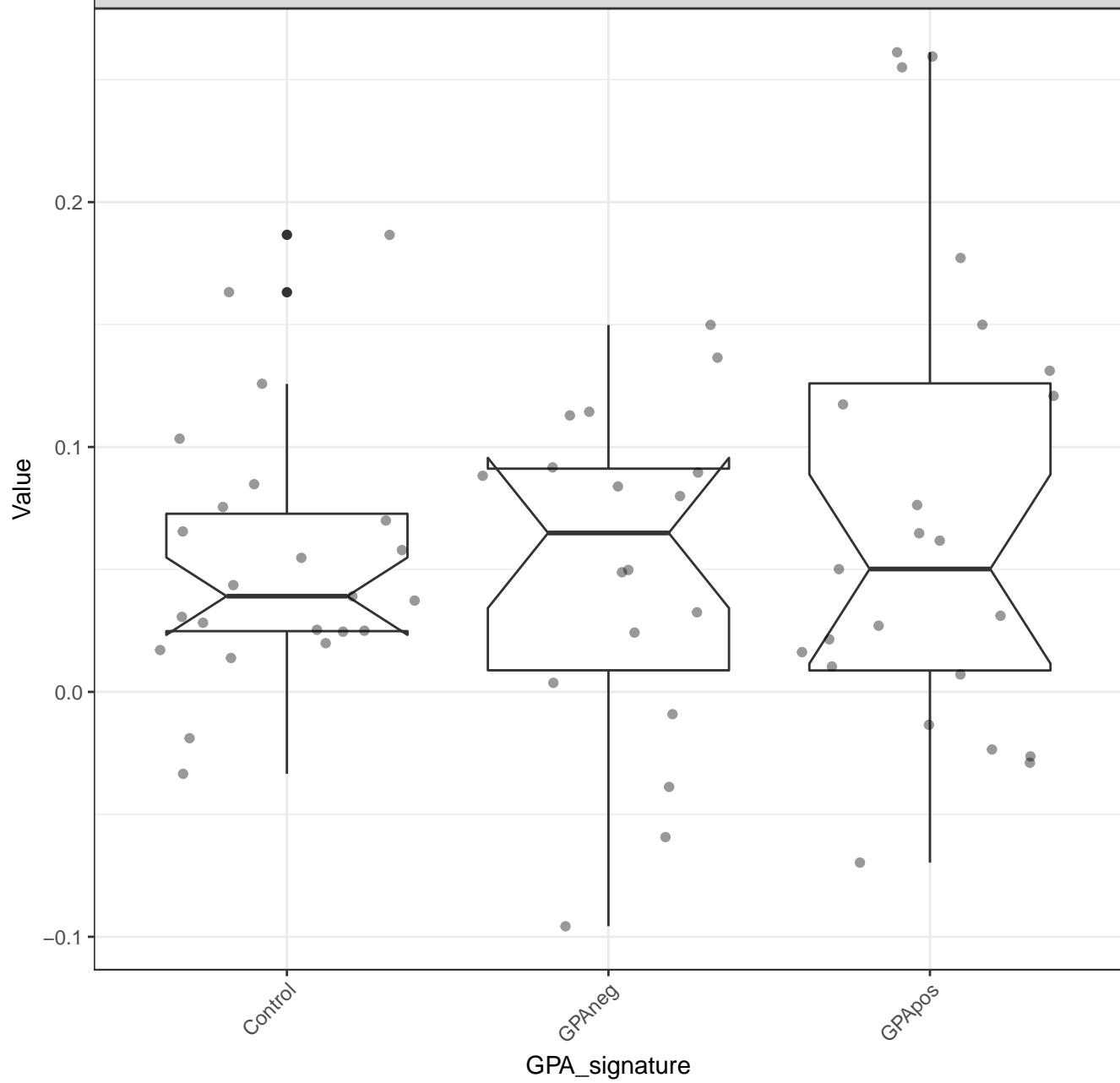
728,SVM Mast cells activated

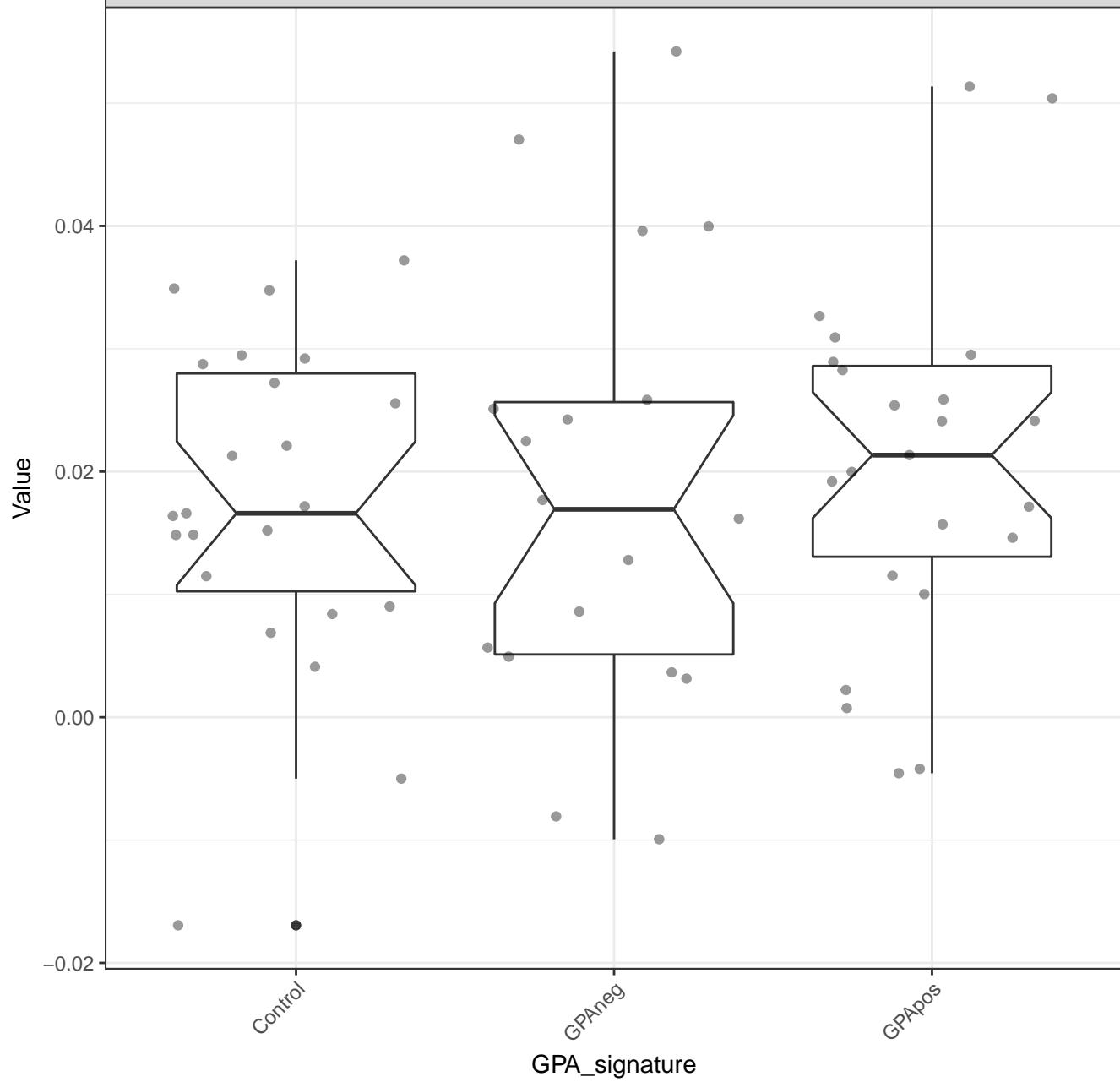


LV 729

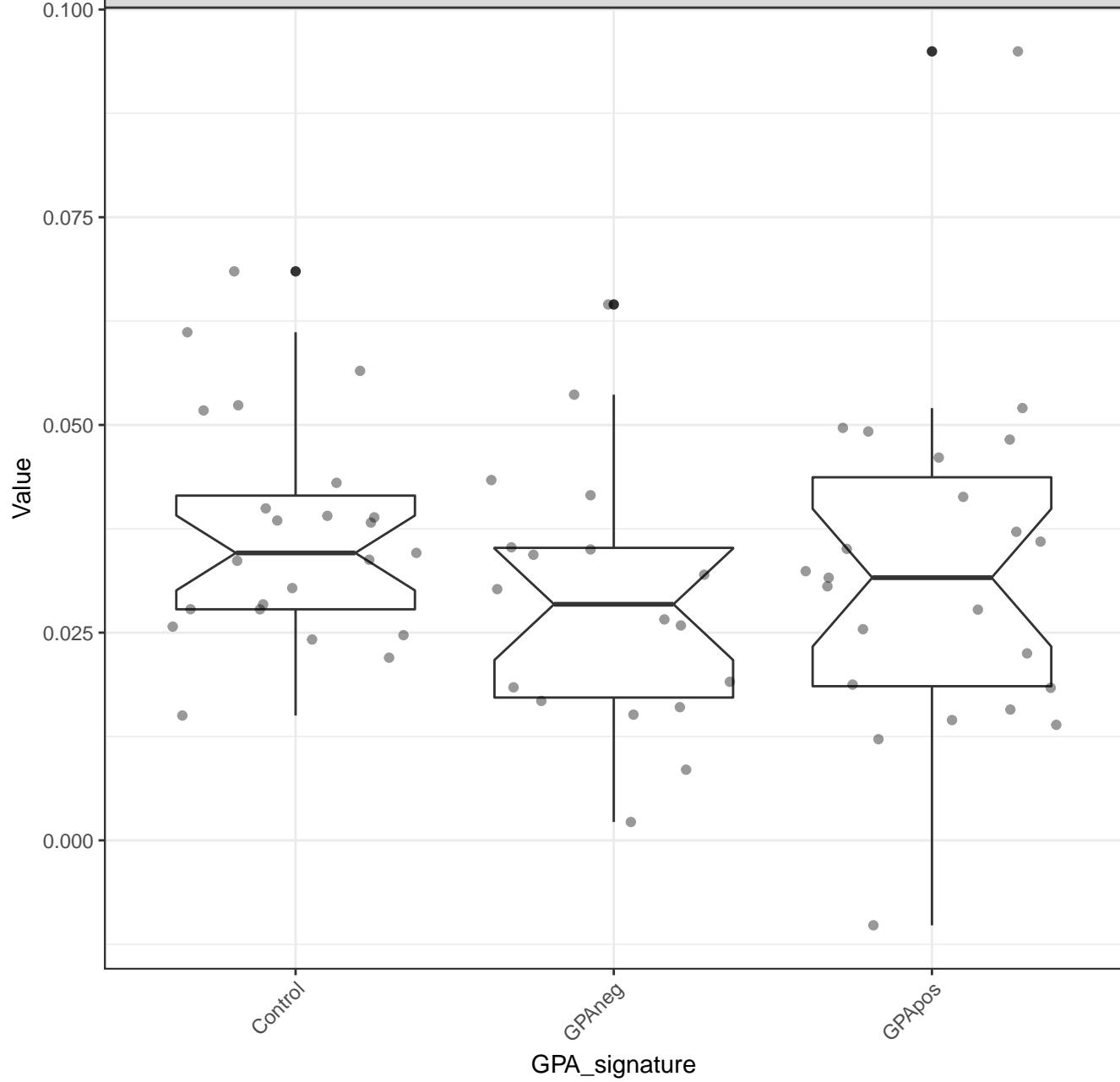


730, DMAP_MEGA2





LV 732



Value

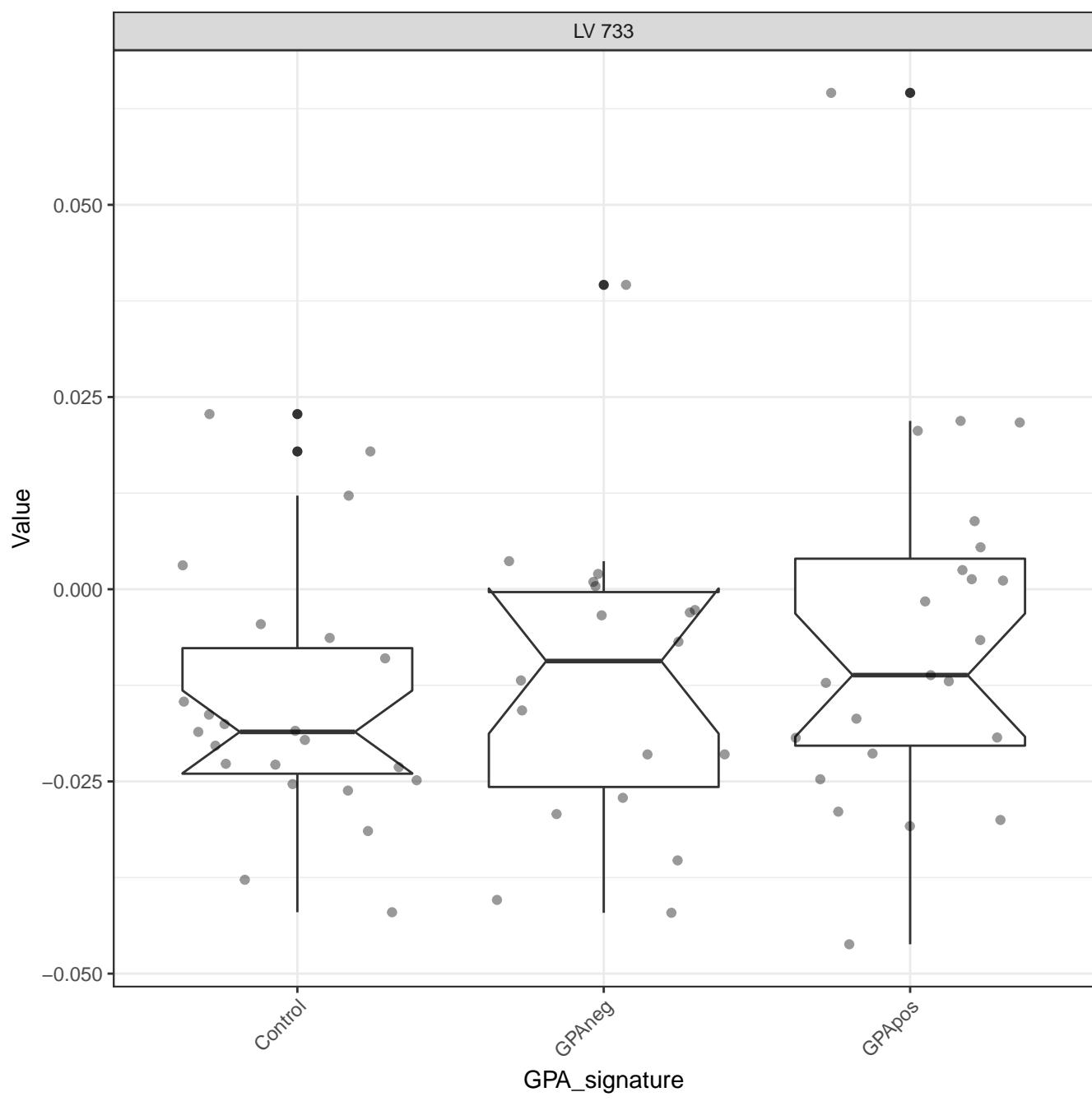
0.050
0.025
0.000
-0.025
-0.050

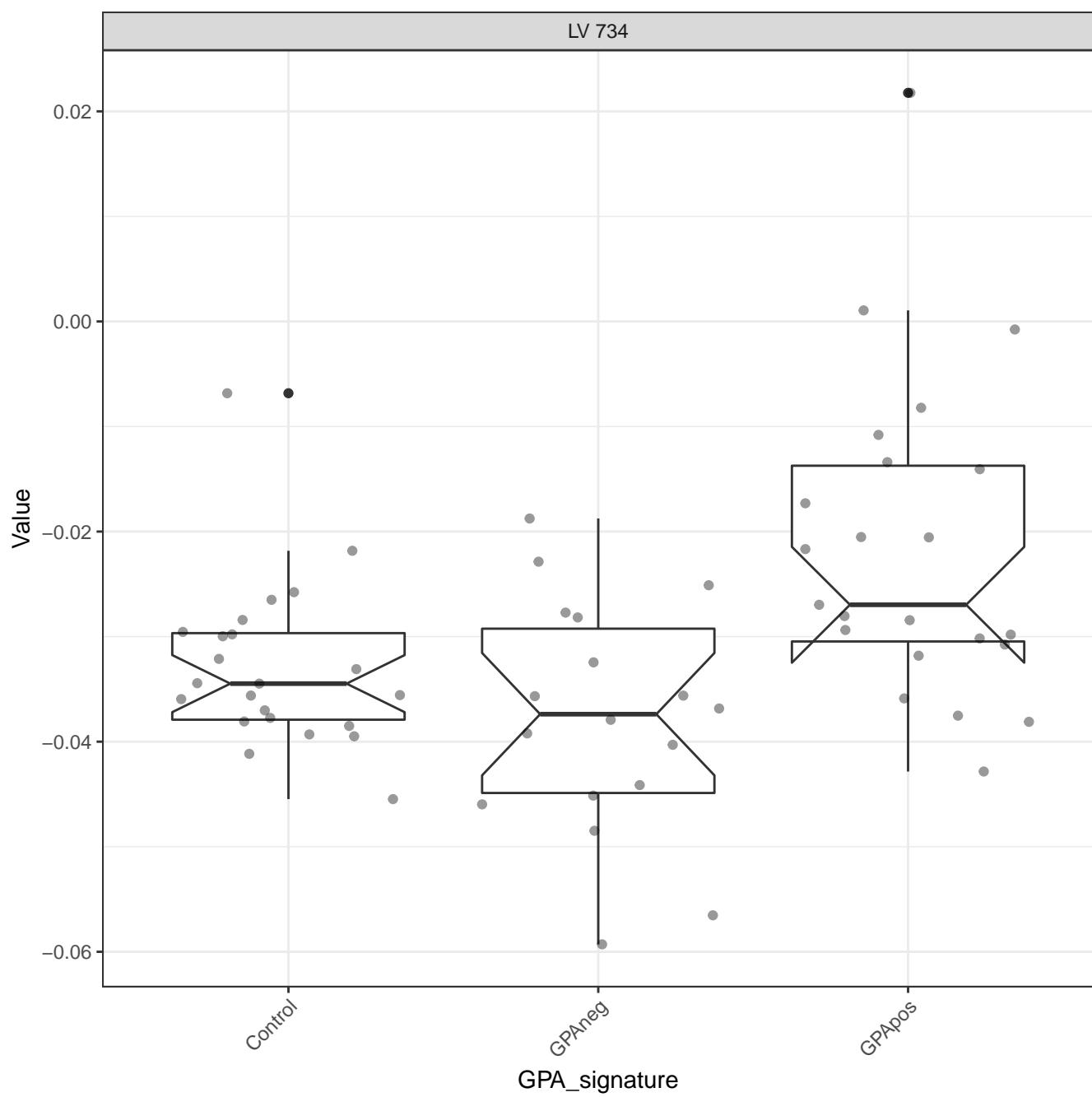
Control

GPAneg

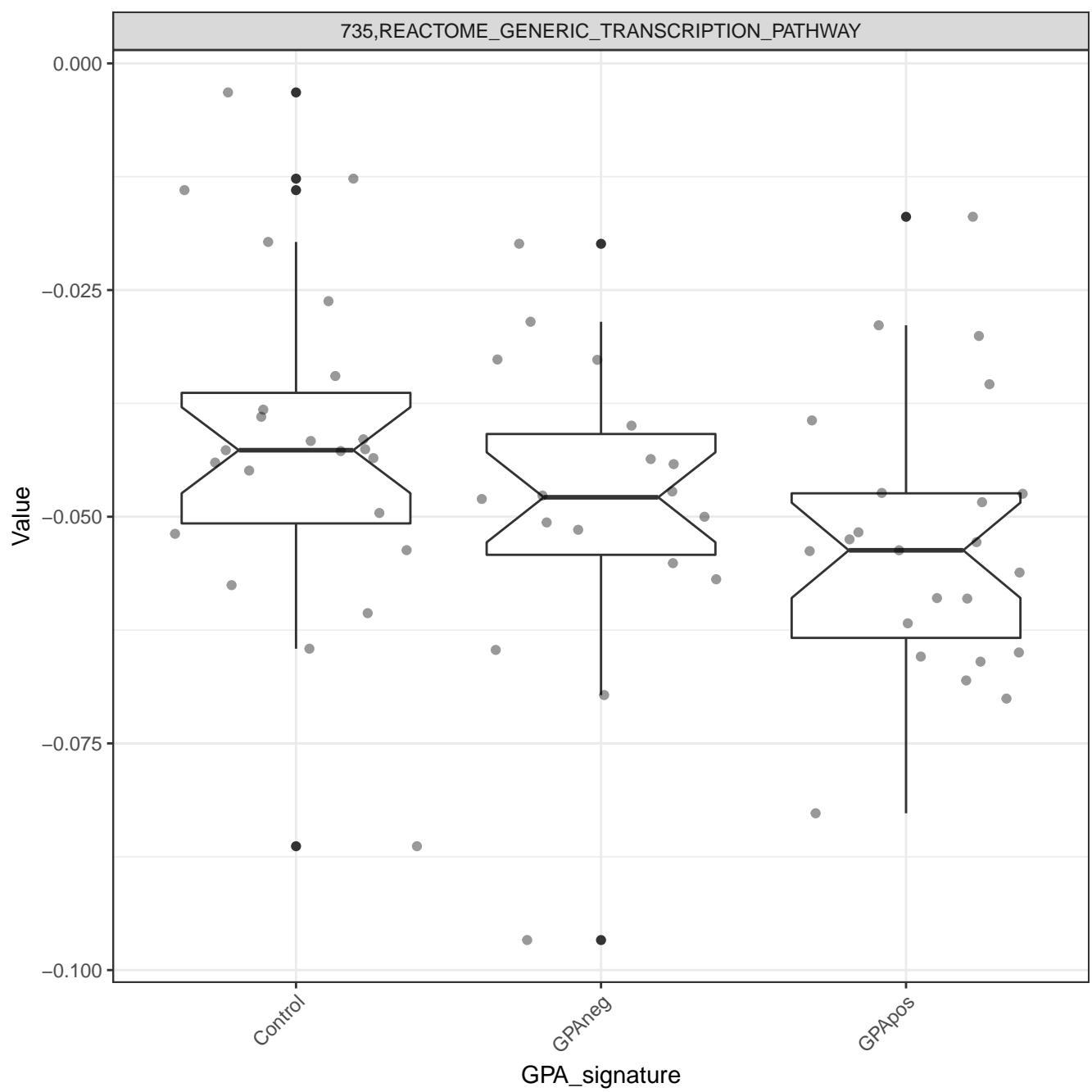
GPAPos

GPA_signature





735,REACTOME_GENERIC_TRANSCRIPTION_PATHWAY



LV 736

Value

0.02

0.01

-0.01

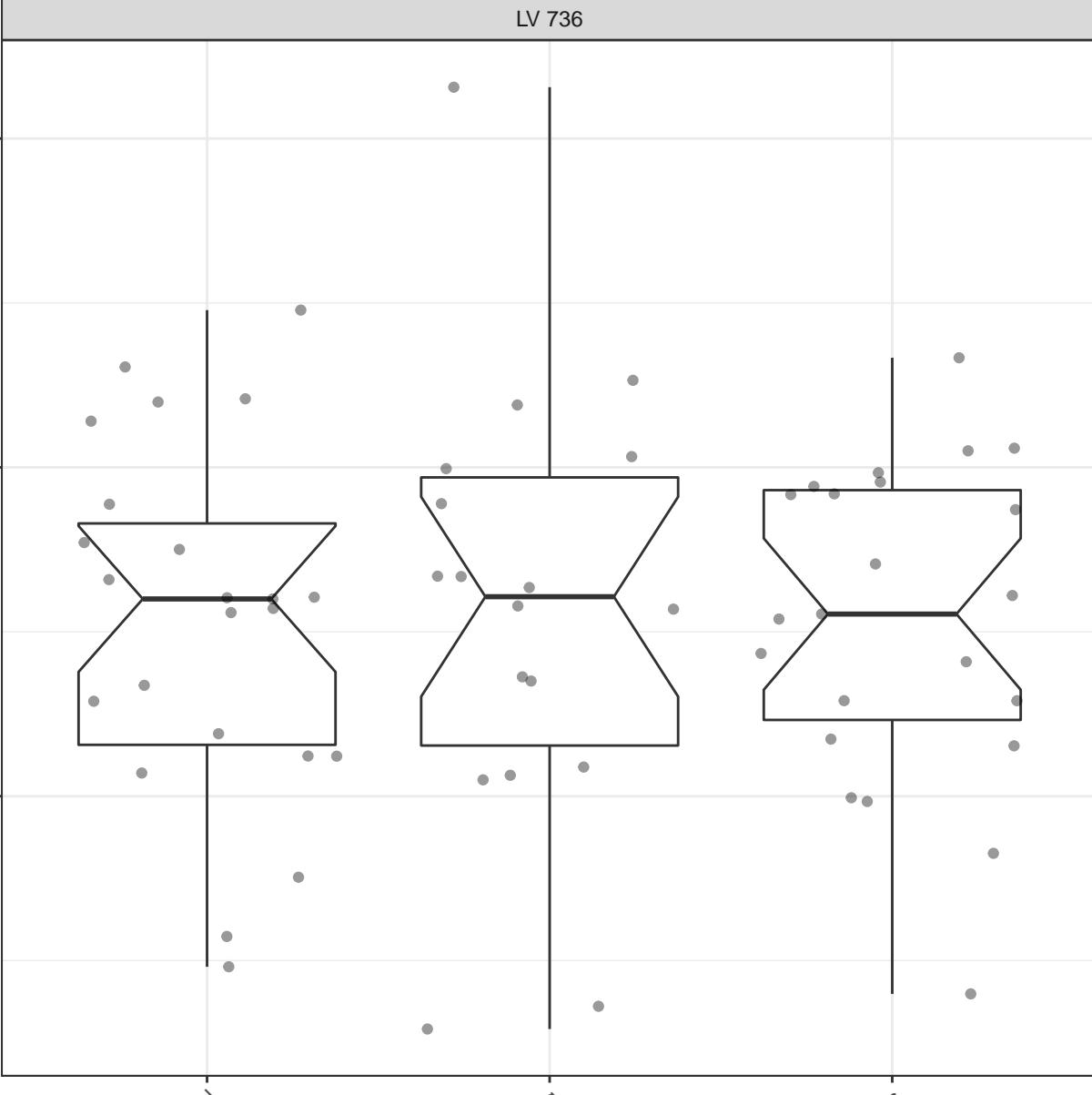
-0.02

Control

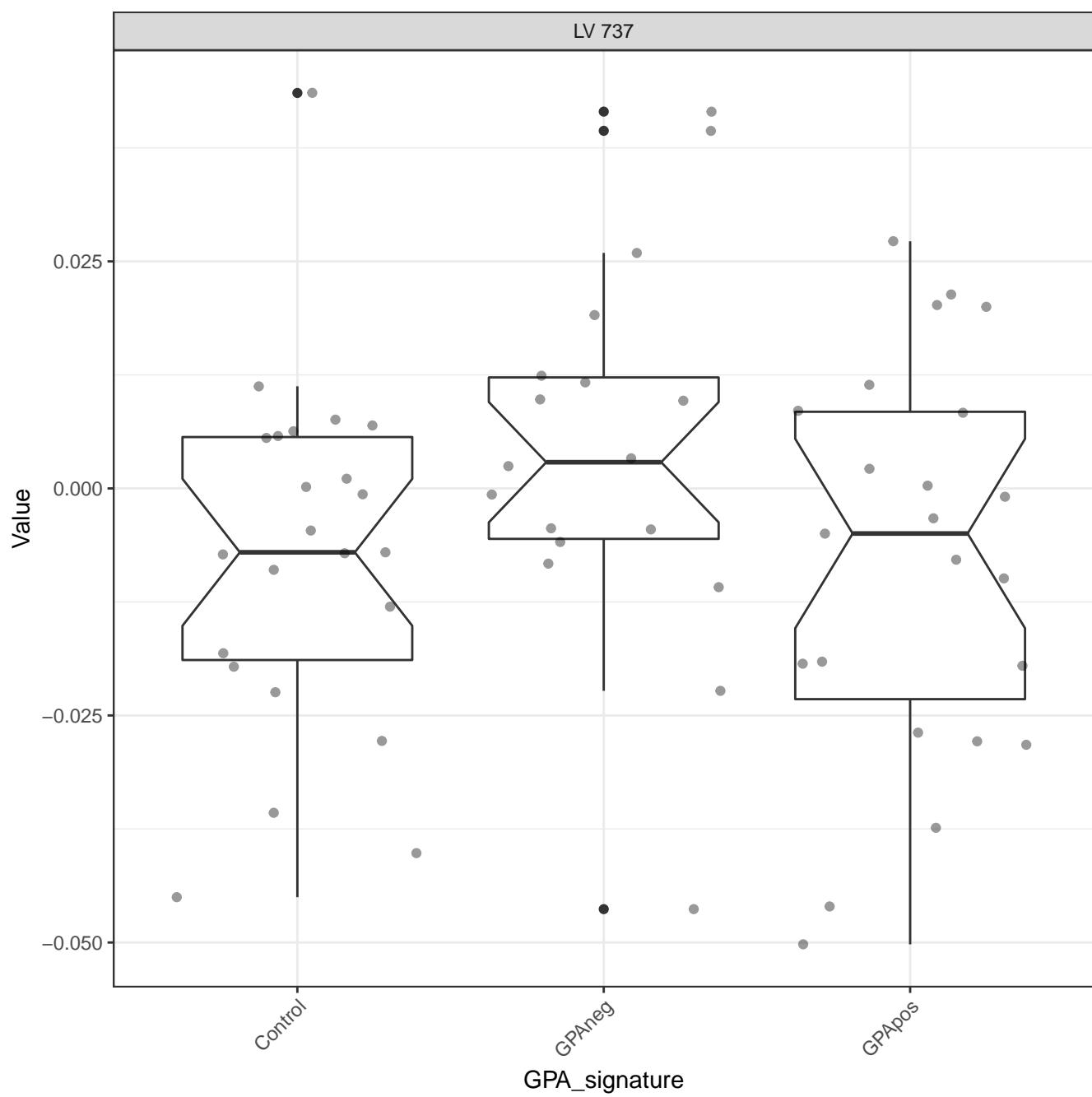
GPAneg

GPApos

GPA_signature



LV 737



Value

0.02

0.00

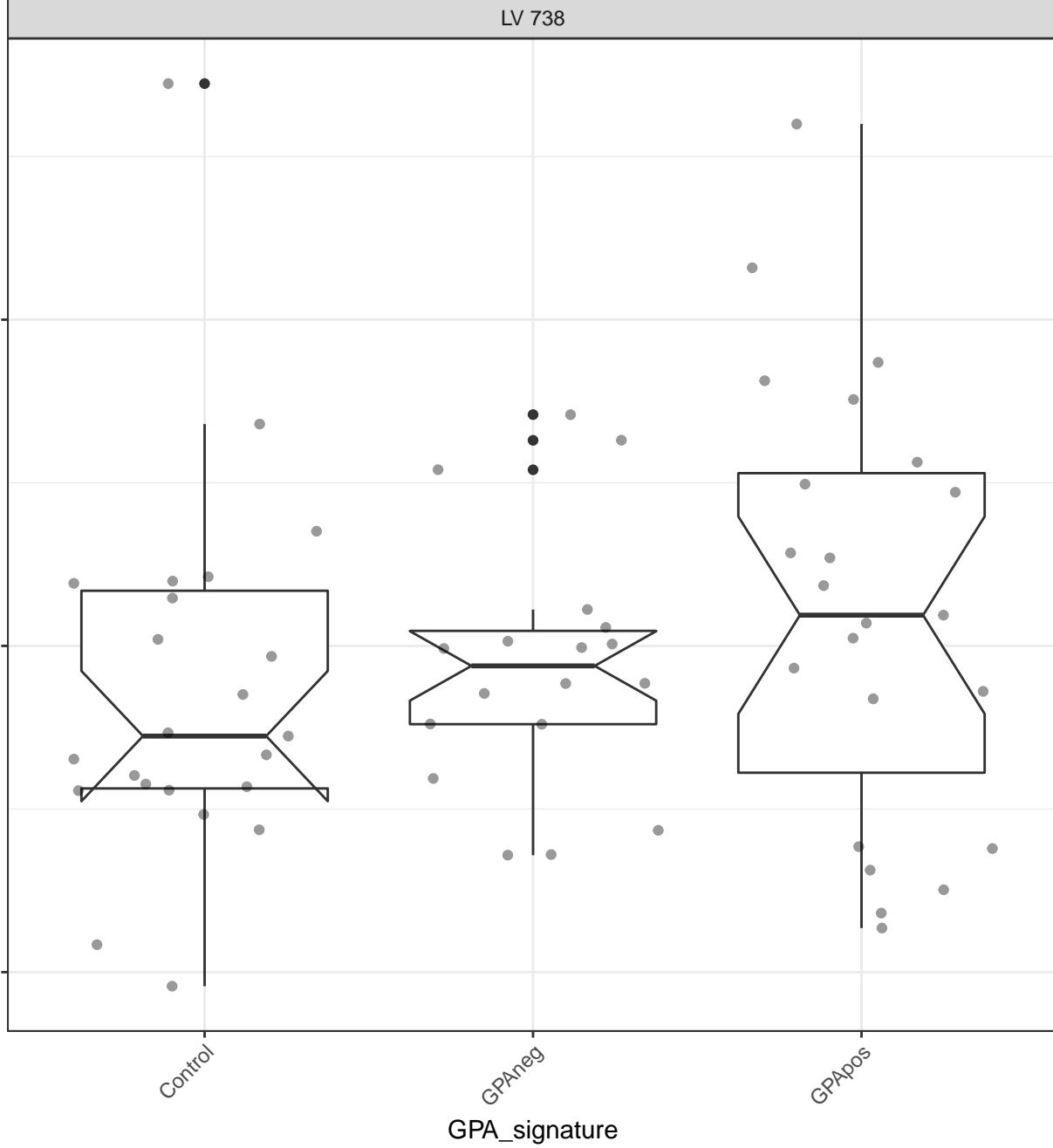
-0.02

Control

GPAneg

GPAPos

GPA_signature



739,REACTOME_GENERIC_TRANSSCRIPTION_PATHWAY

Value

0.1

0.0

-0.1

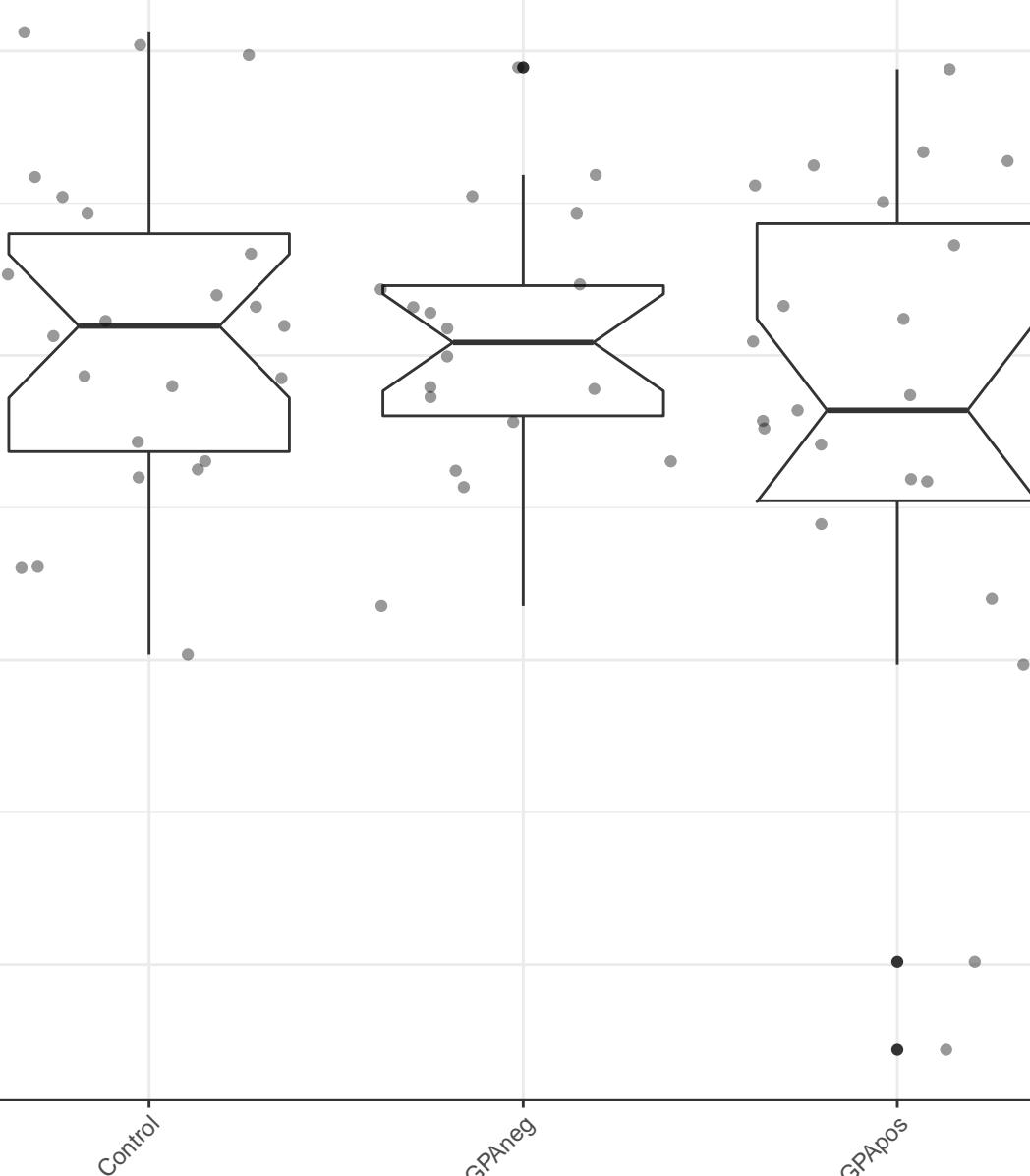
-0.2

Control

GPA_signature

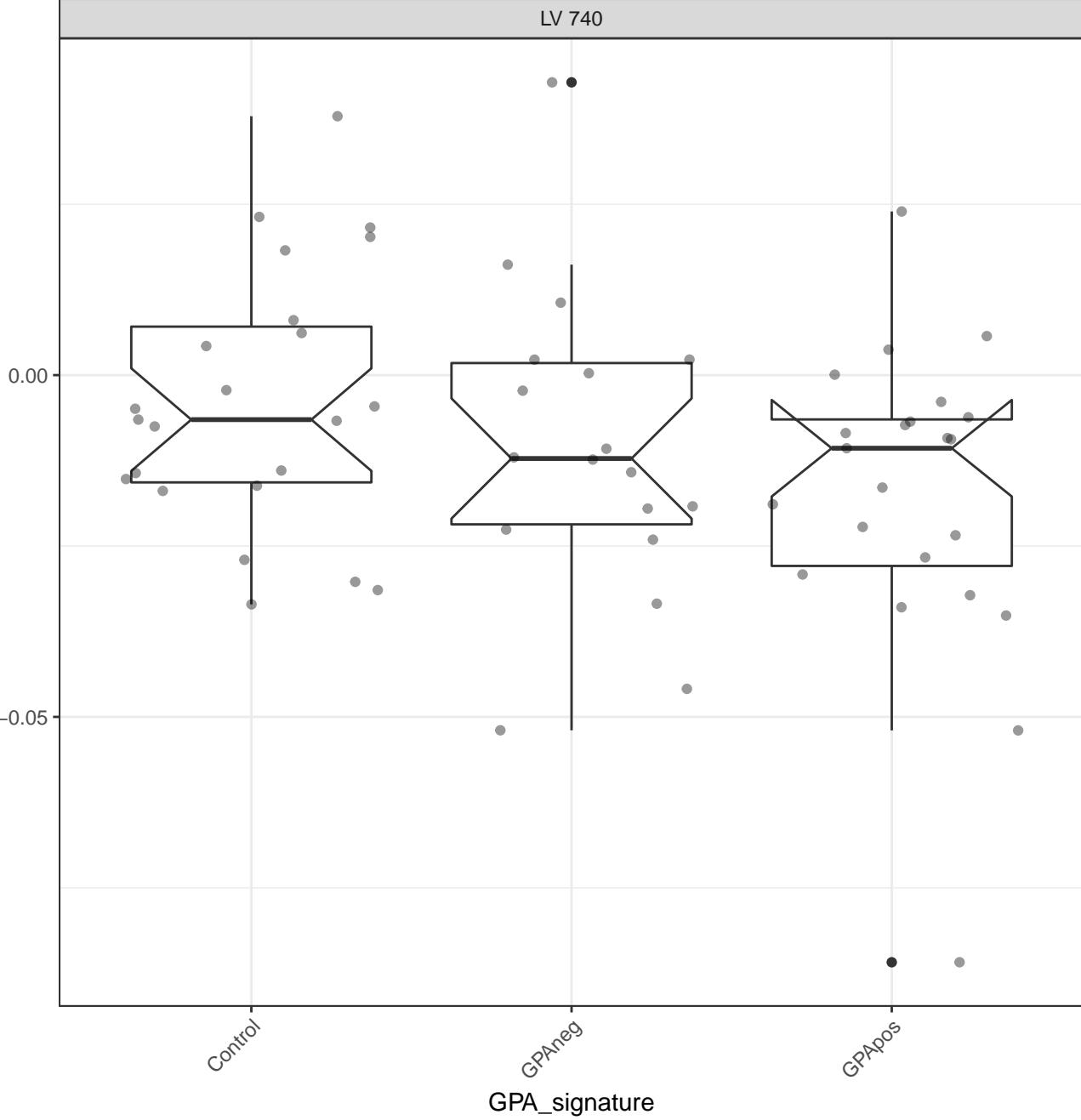
GPAneg

GPApos



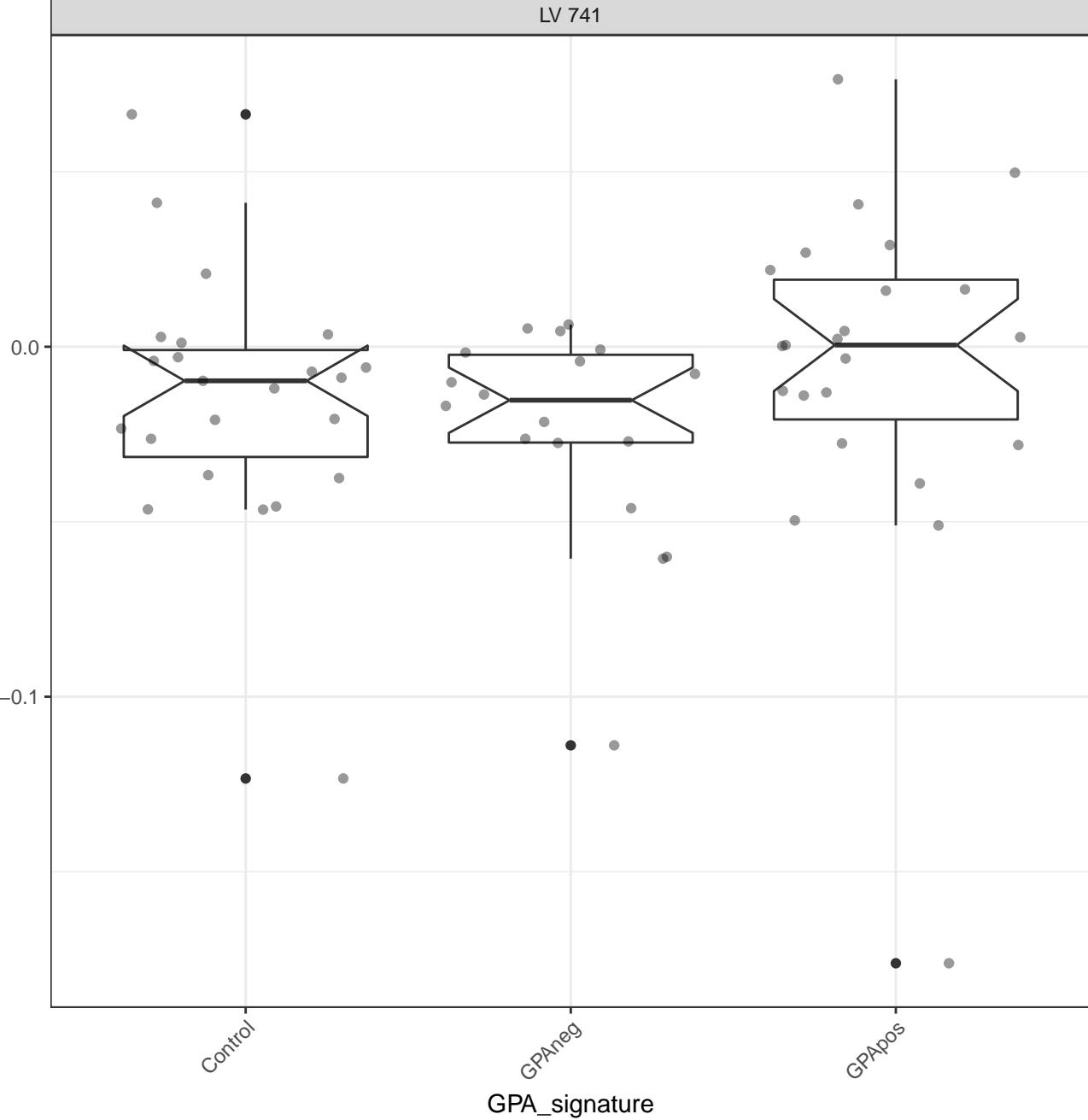
LV 740

Value



LV 741

Value



LV 742

Value

0.025

0.000

-0.025

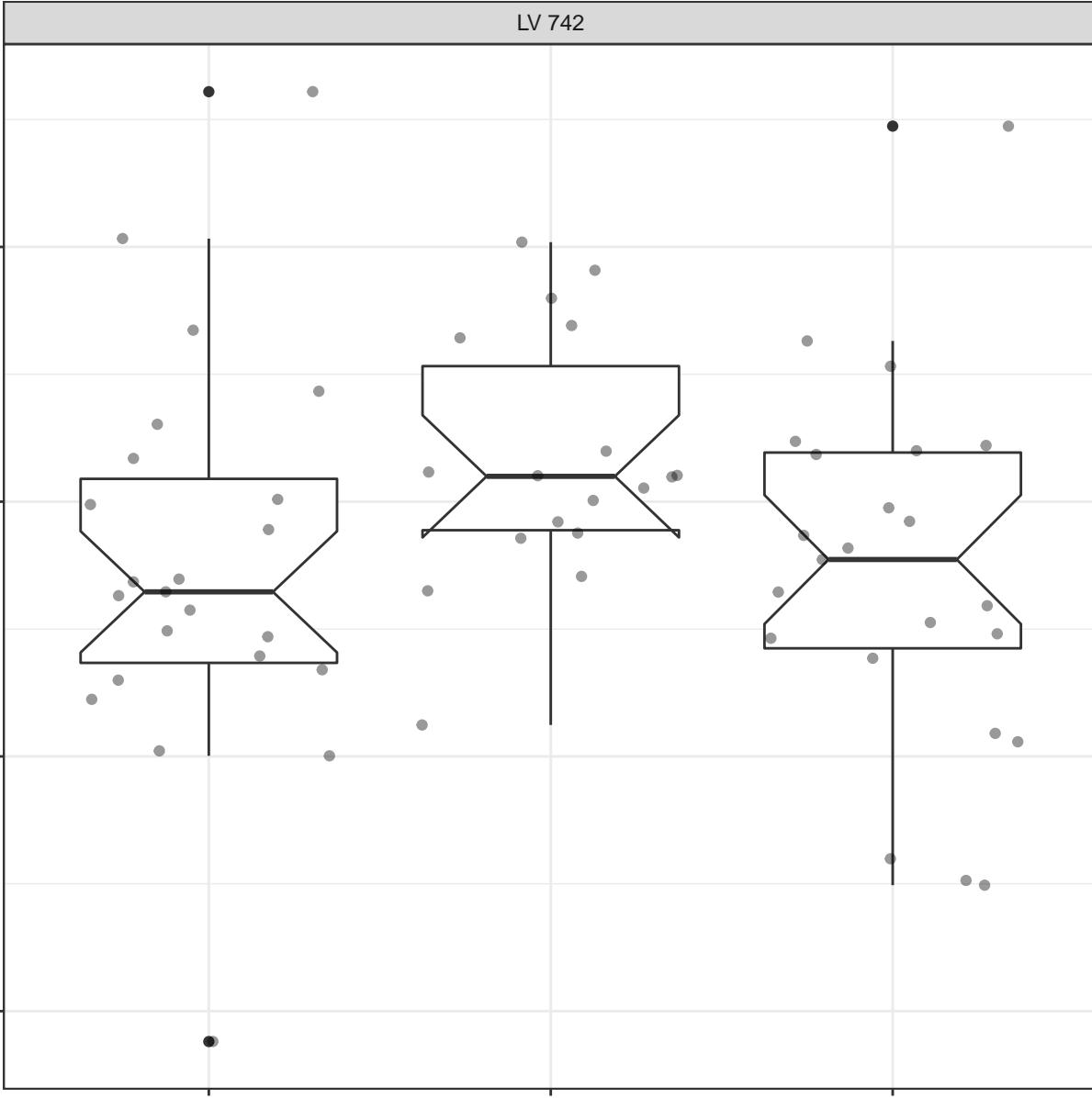
-0.050

Control

GPAneg

GPAPos

GPA_signature



743,MIPS_55S_RIBOSOME_MITOCHONDRIAL

Value

0.2

0.1

0.0

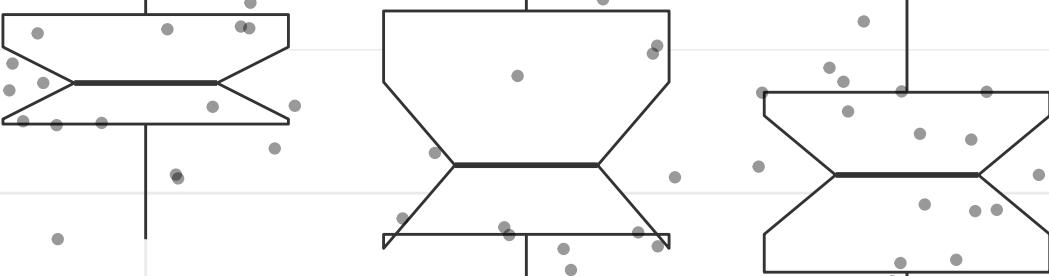
-0.1

Control

GPA_signature

GPAneg

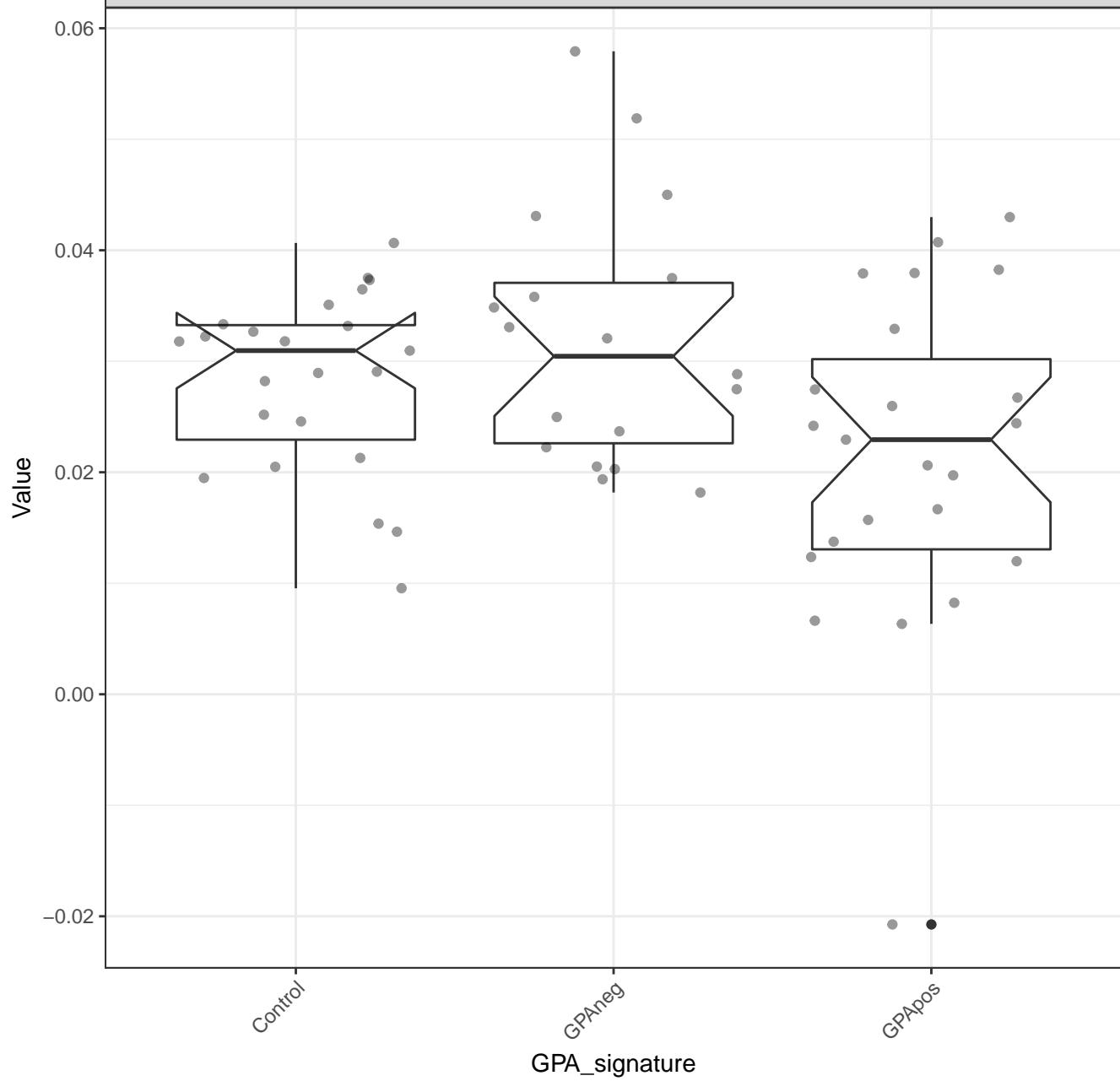
GPApos



-

-

LV 744



LV 745

Value

0.04

0.02

0.00

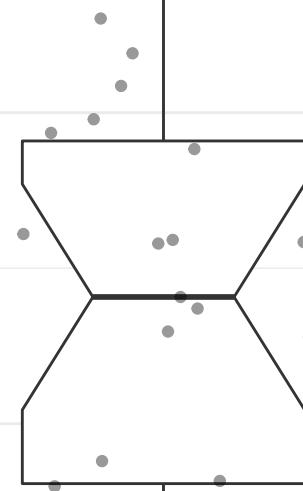
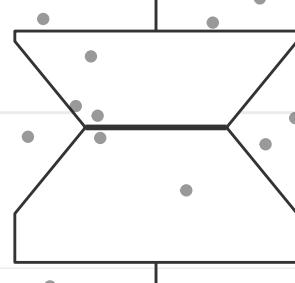
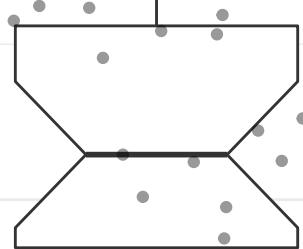
-0.02

Control

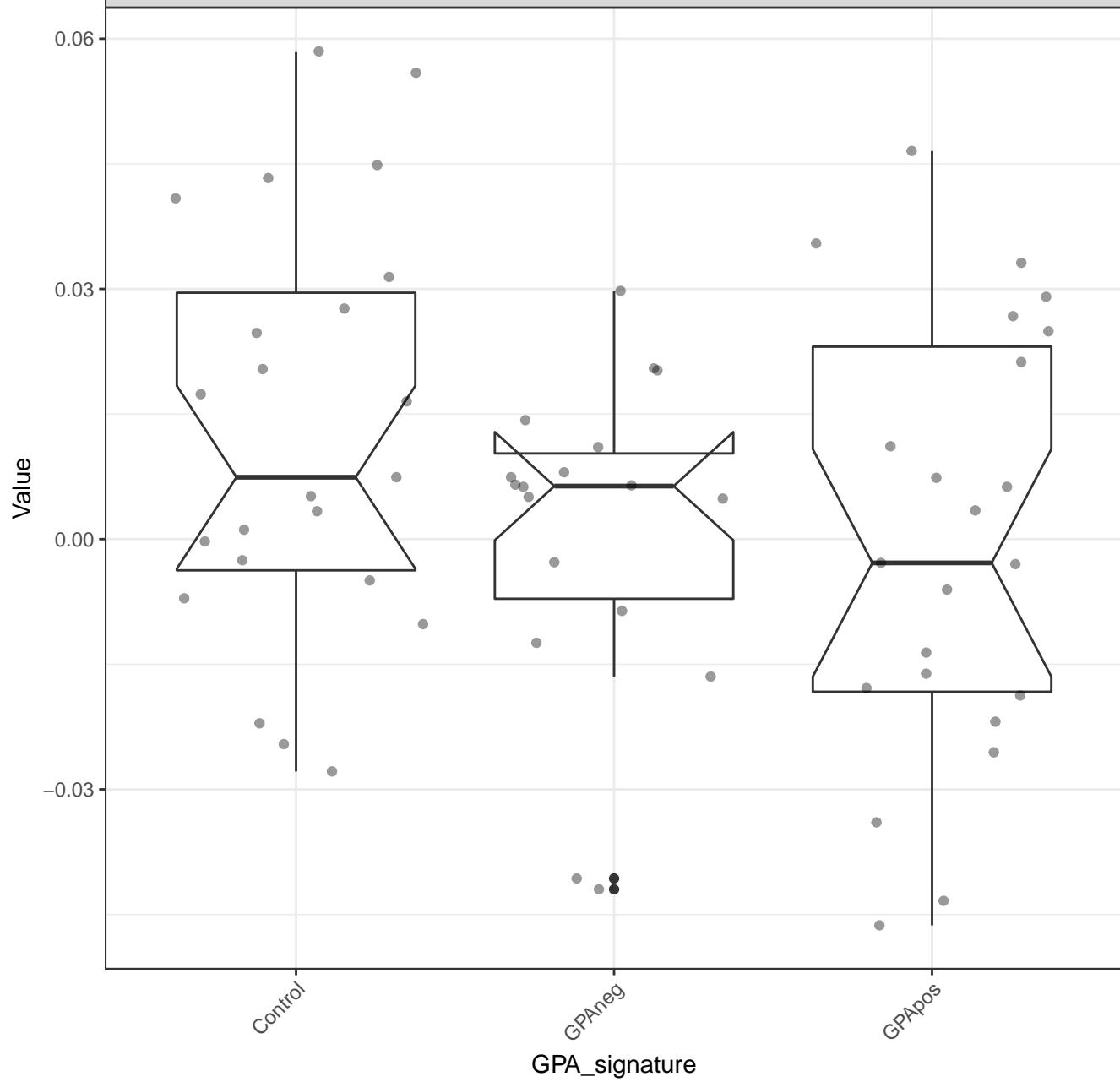
GPAneg

GPAPos

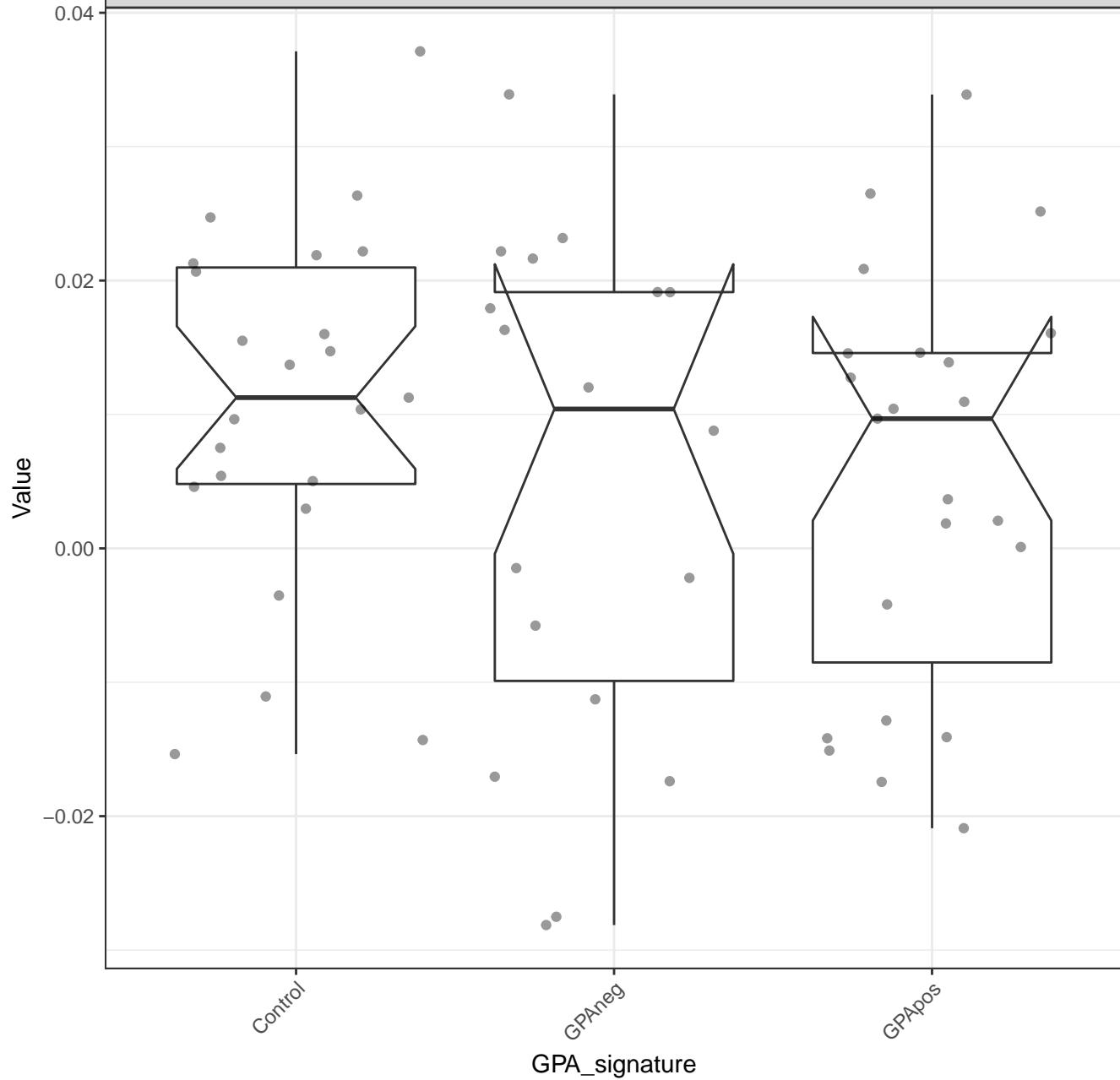
GPA_signature



LV 746



LV 747



LV 748

Value

0.03

0.01

-0.03

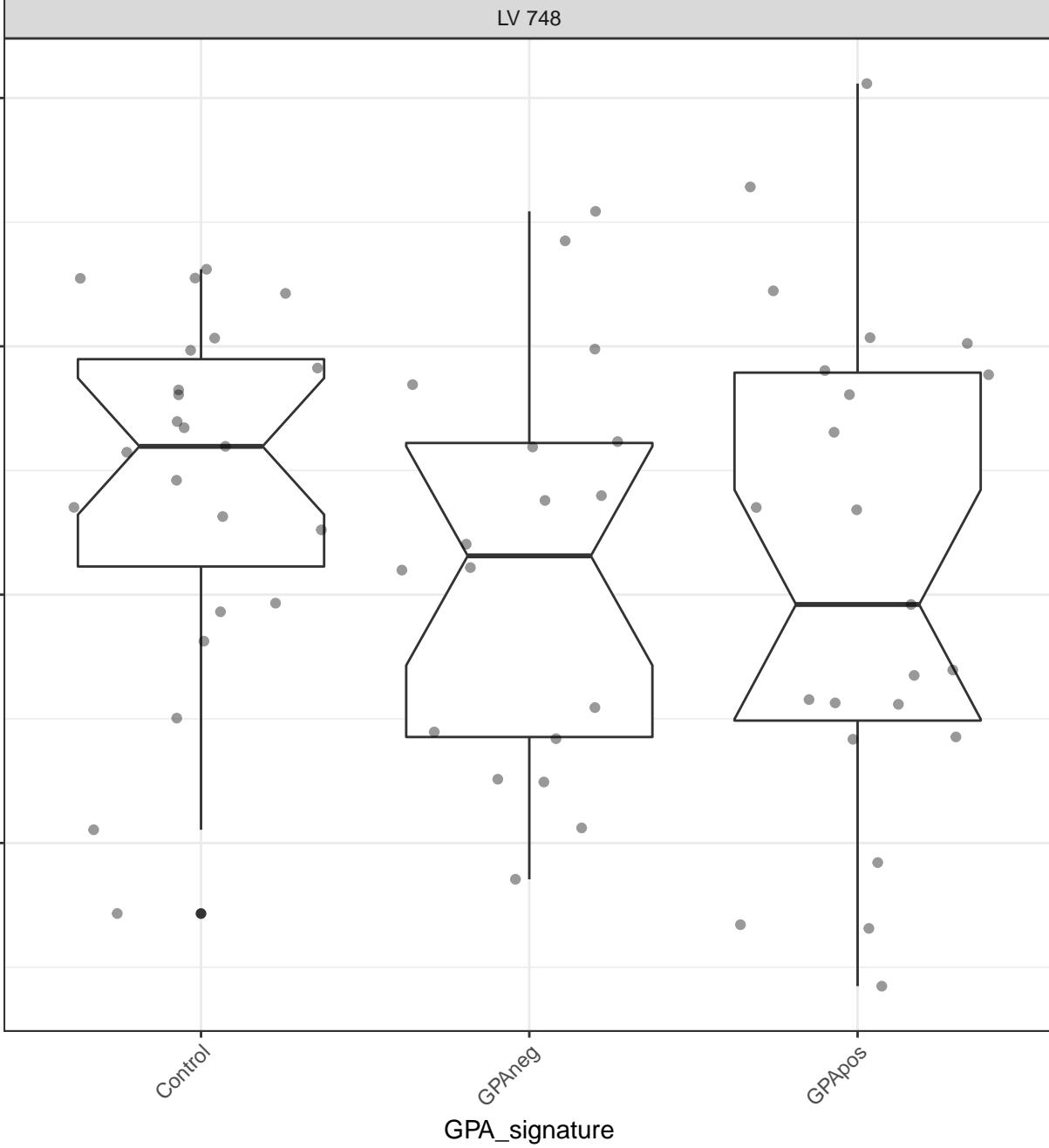
-0.06

Control

GPAneg

GPApos

GPA_signature



Value

0.12

0.08

0.04

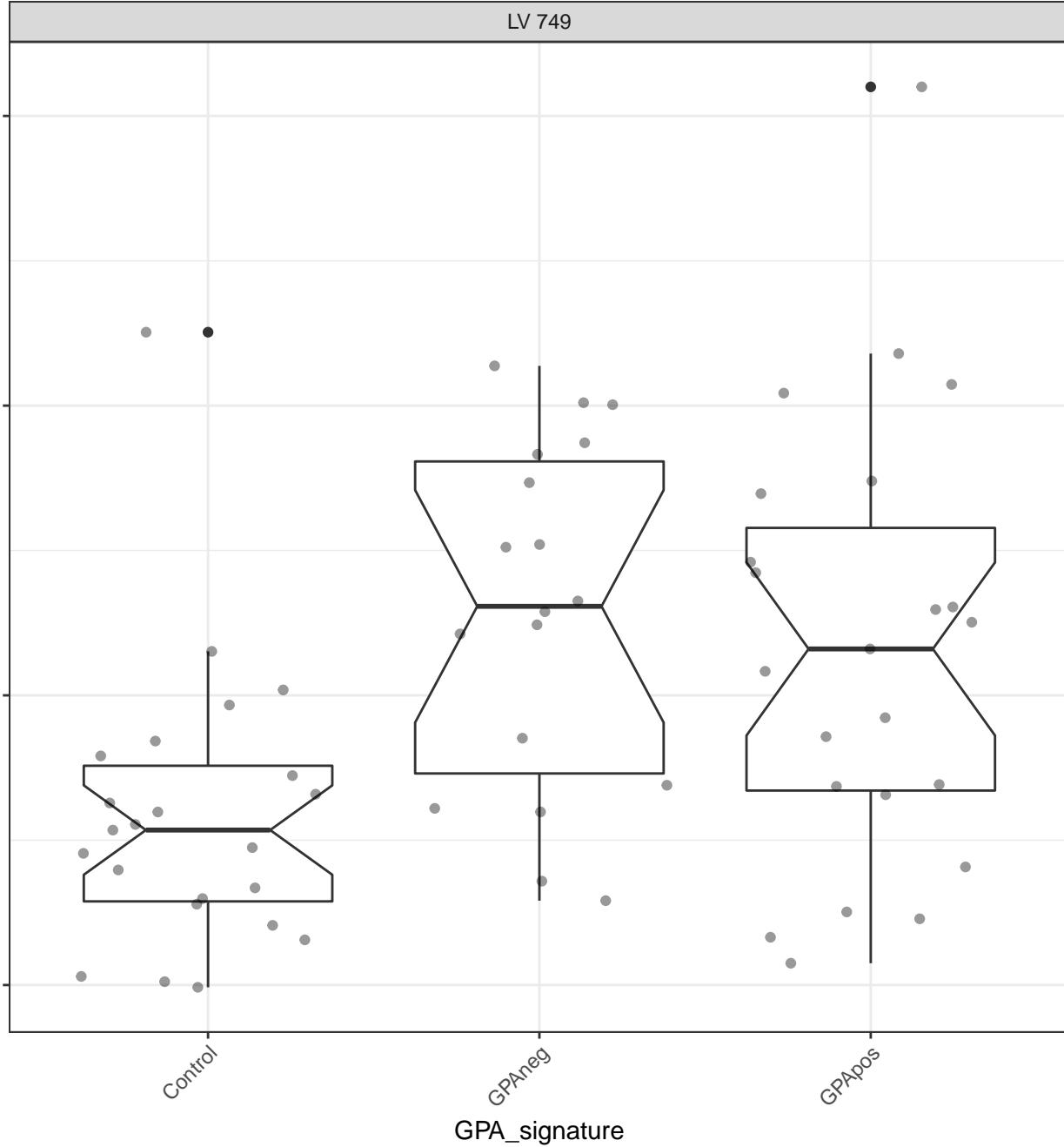
0.00

Control

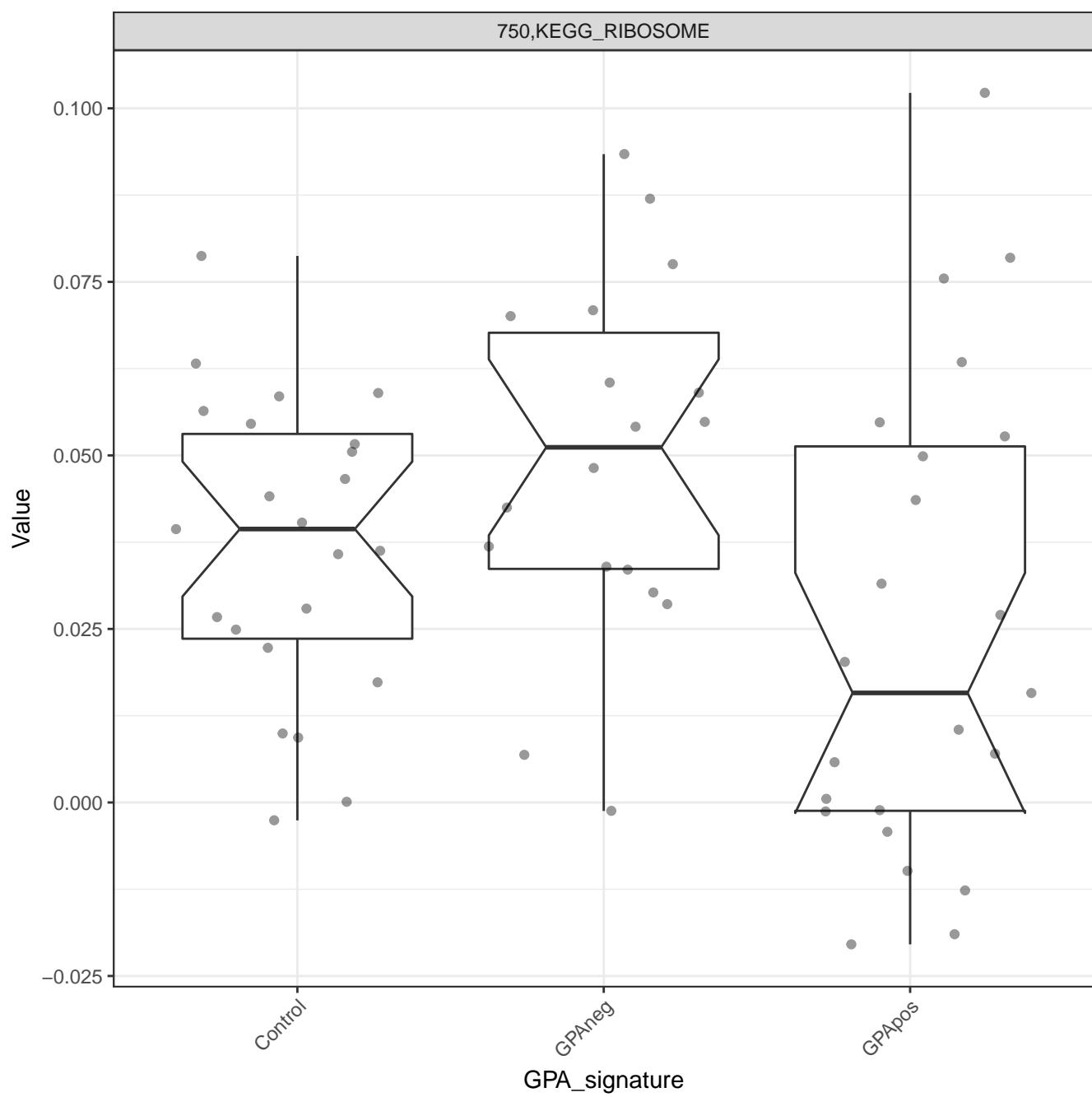
GPA_signature

GPAneg

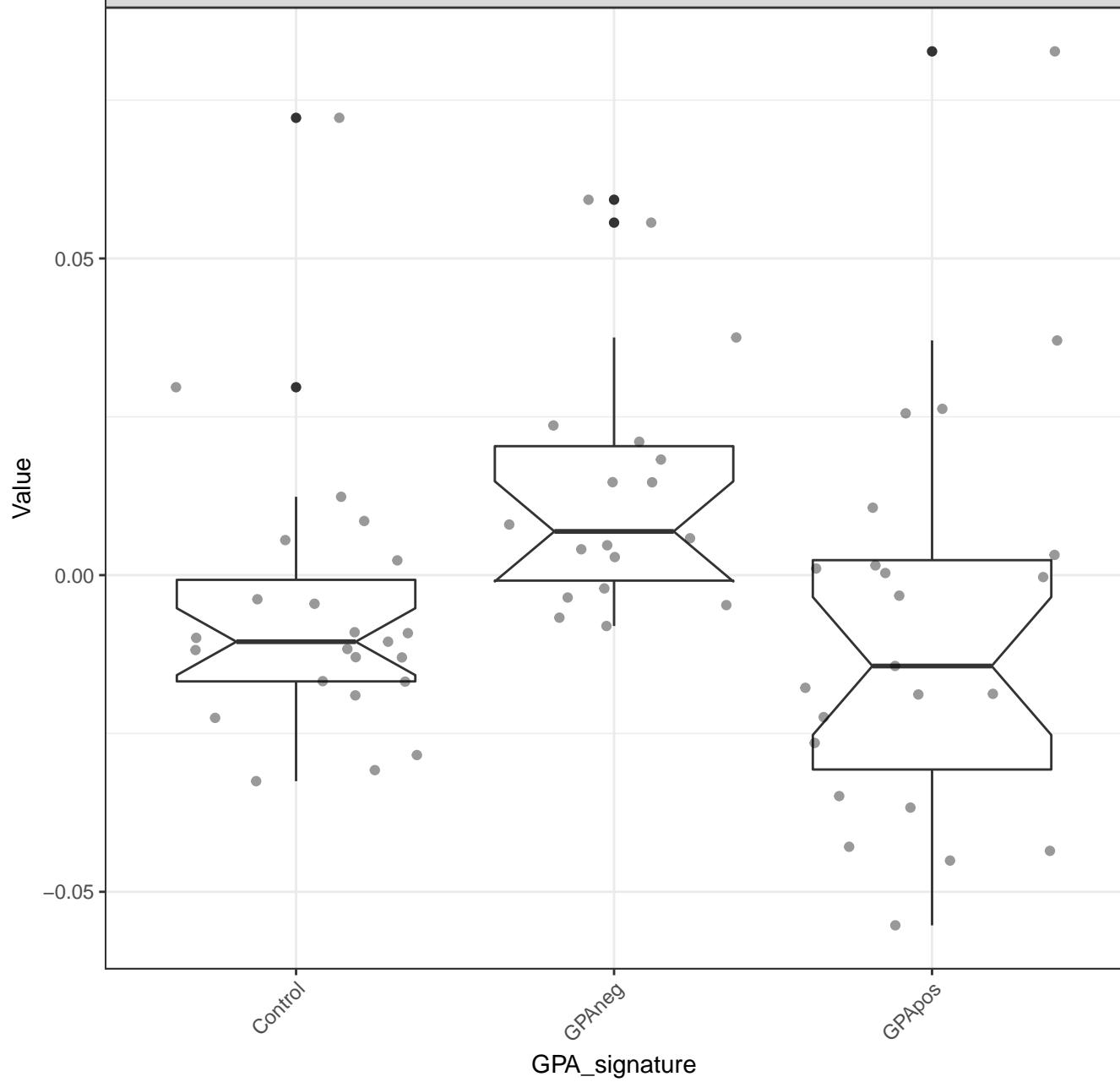
GPAPos



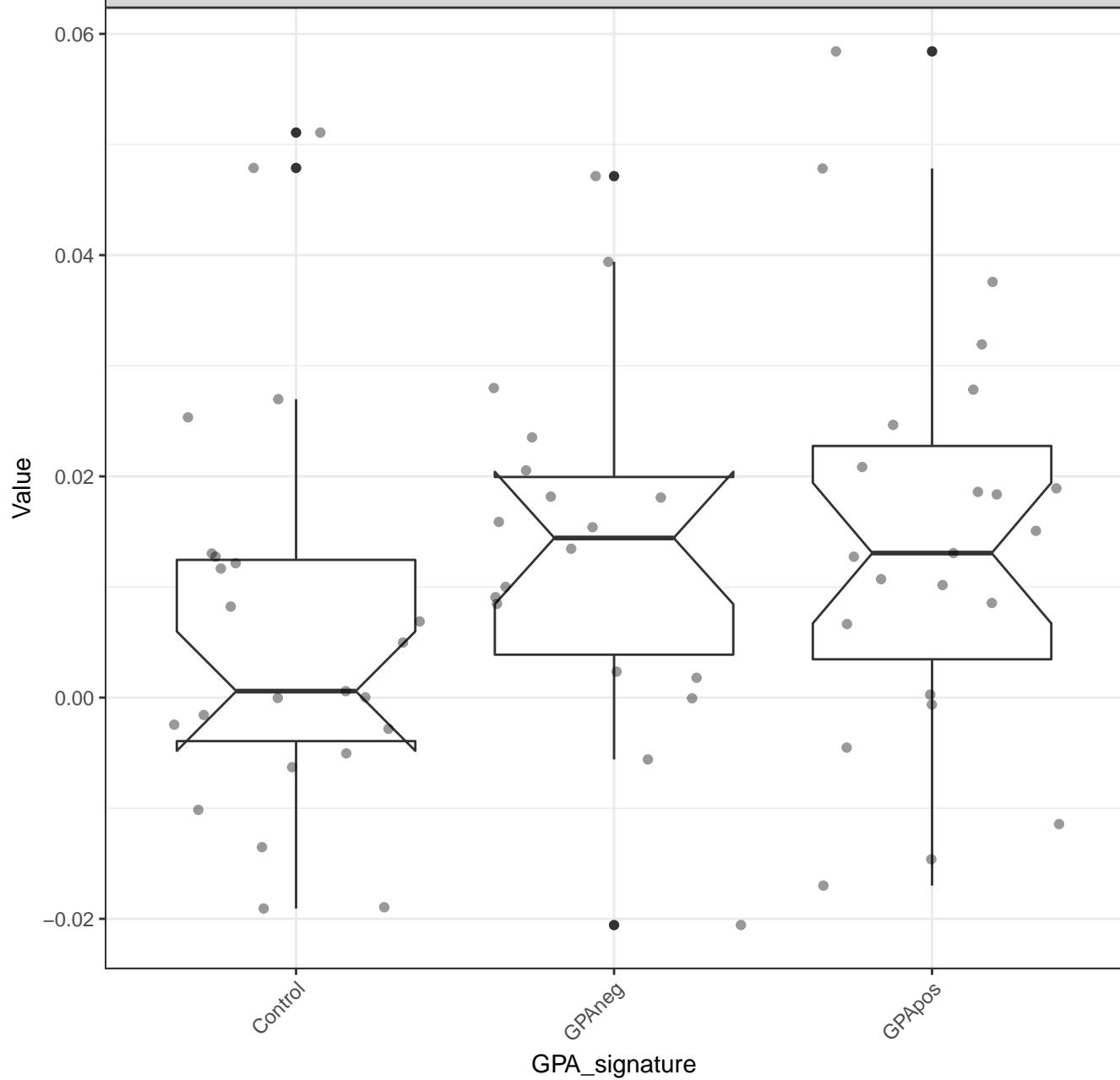
750,KEGG_RIBOSOME



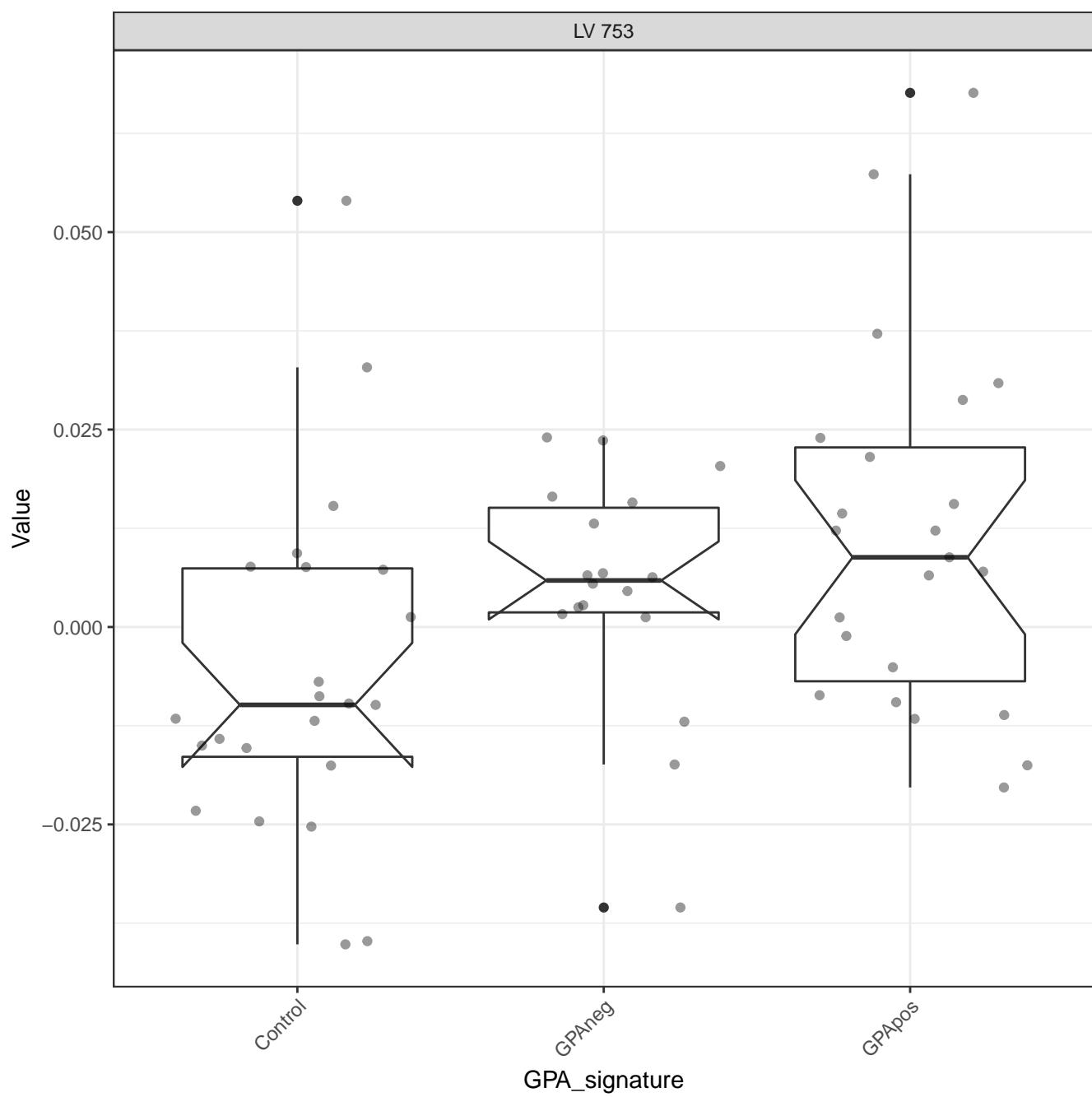
LV 751



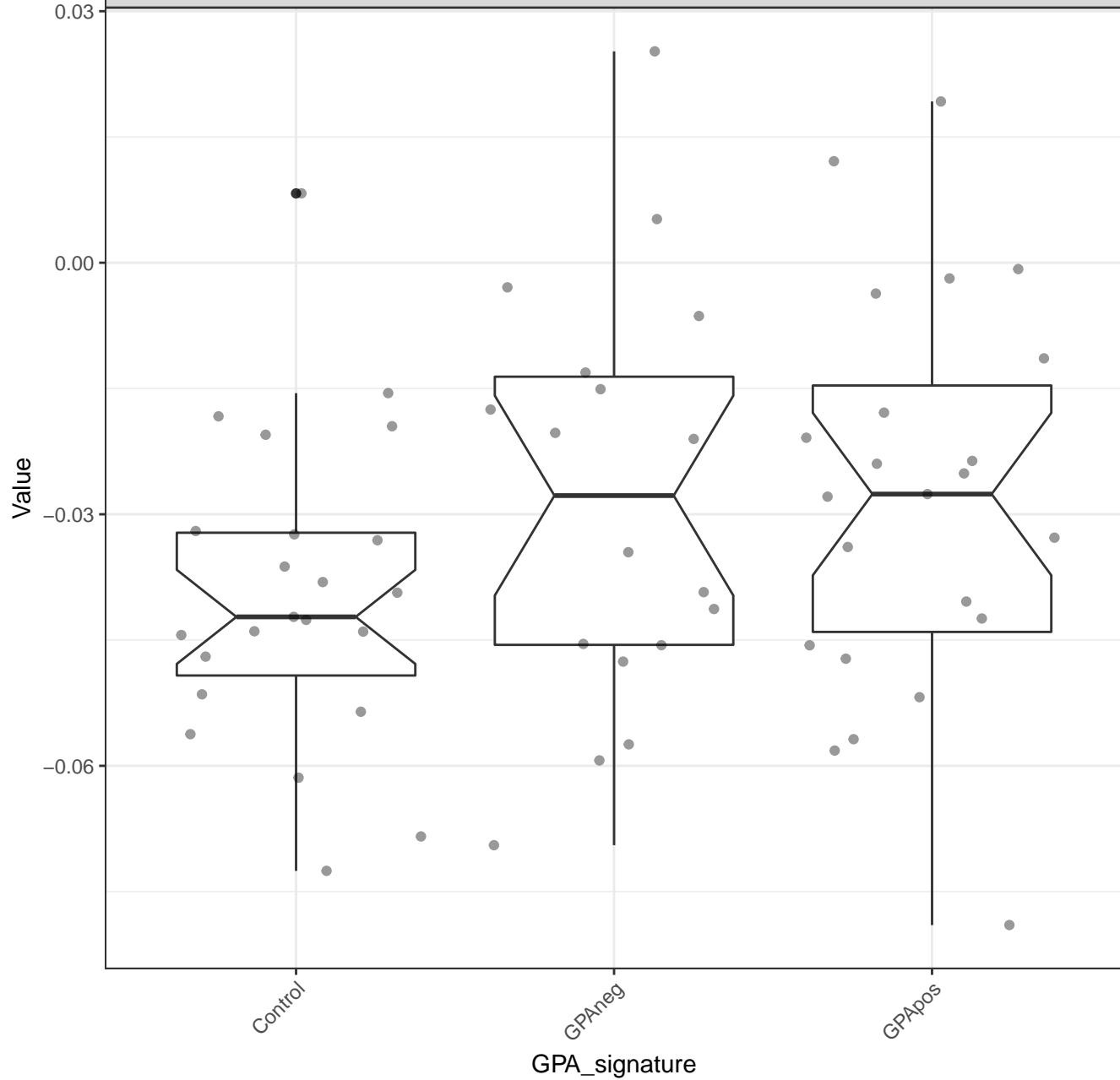
LV 752



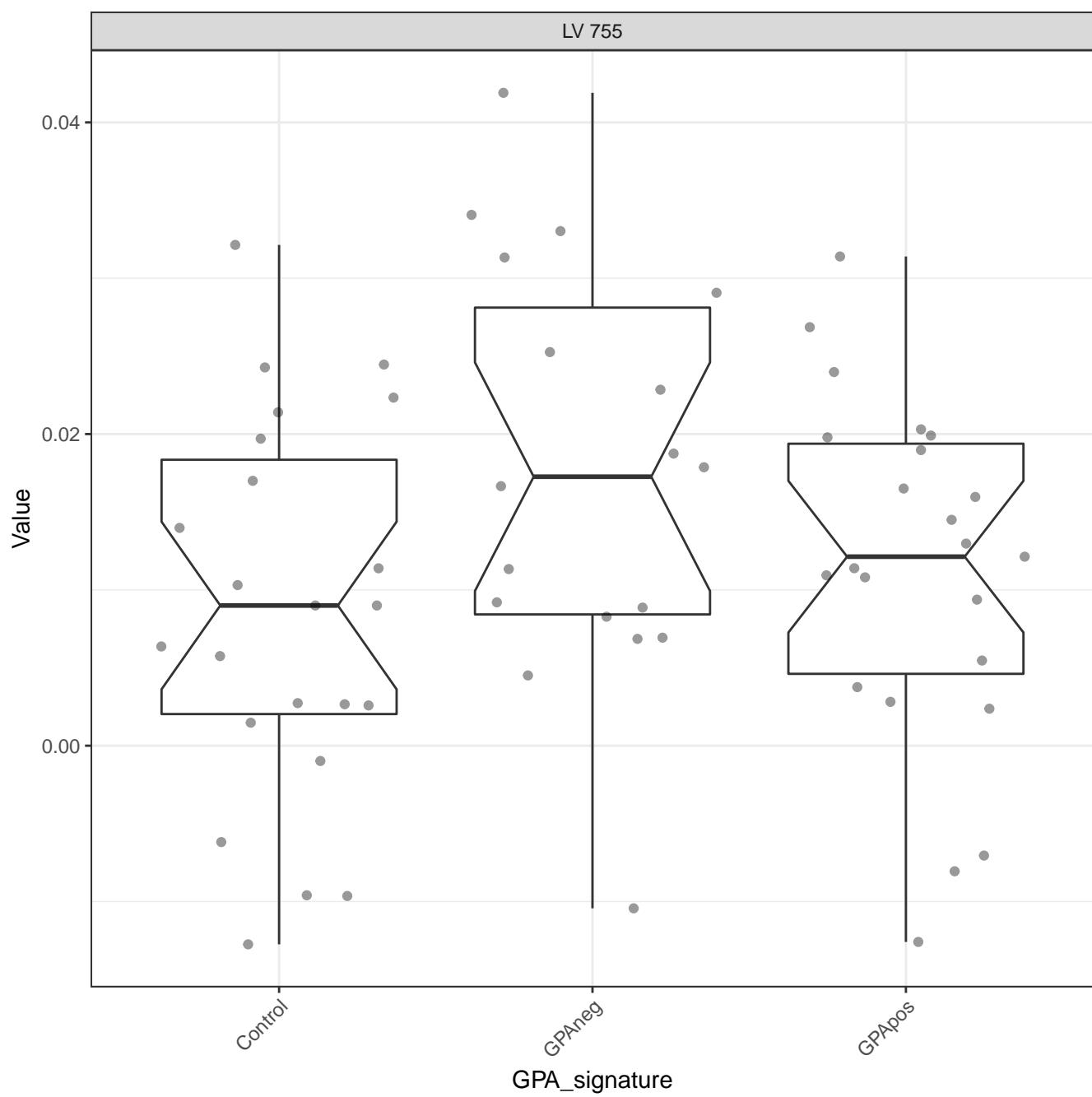
LV 753



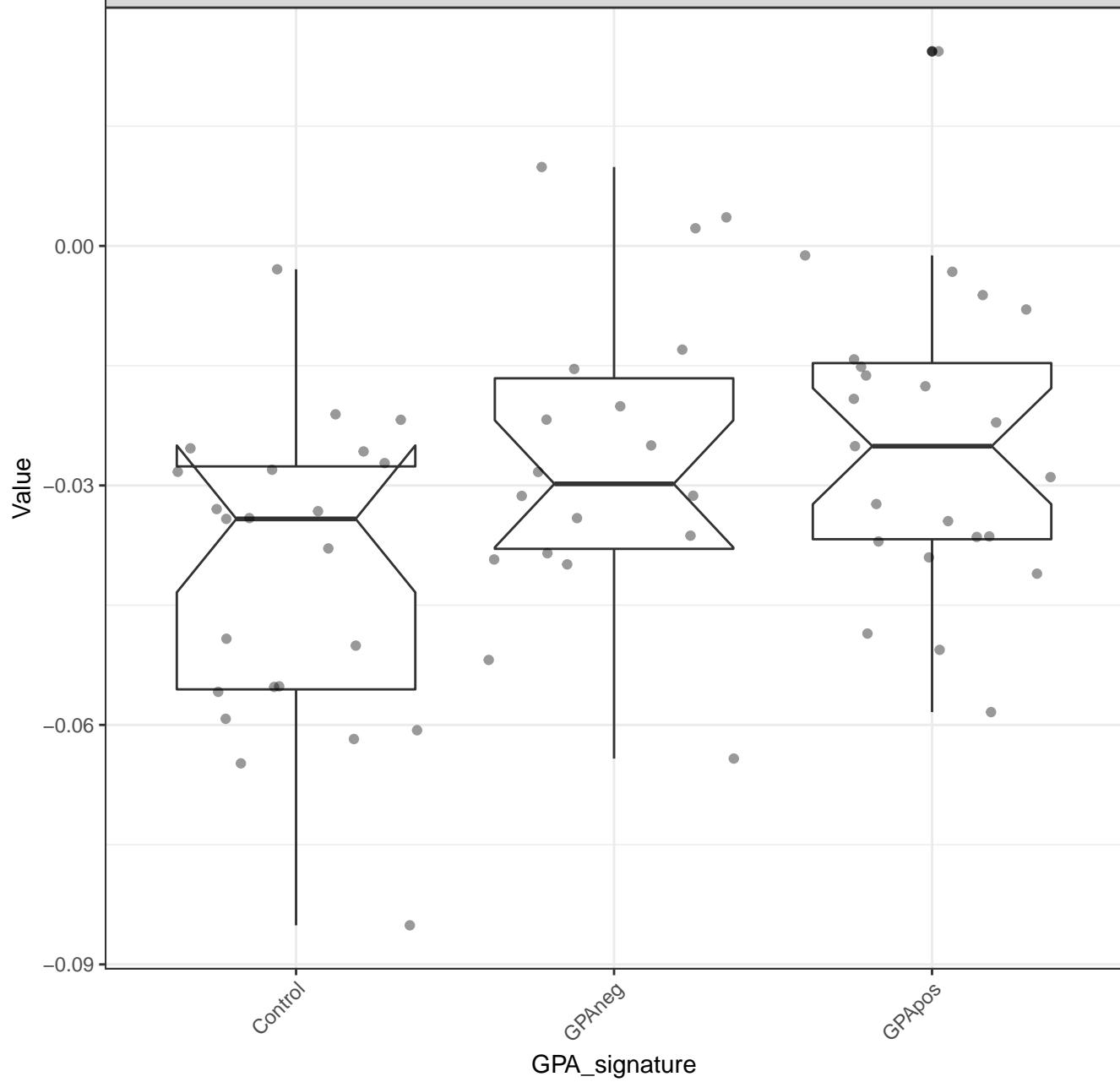
LV 754



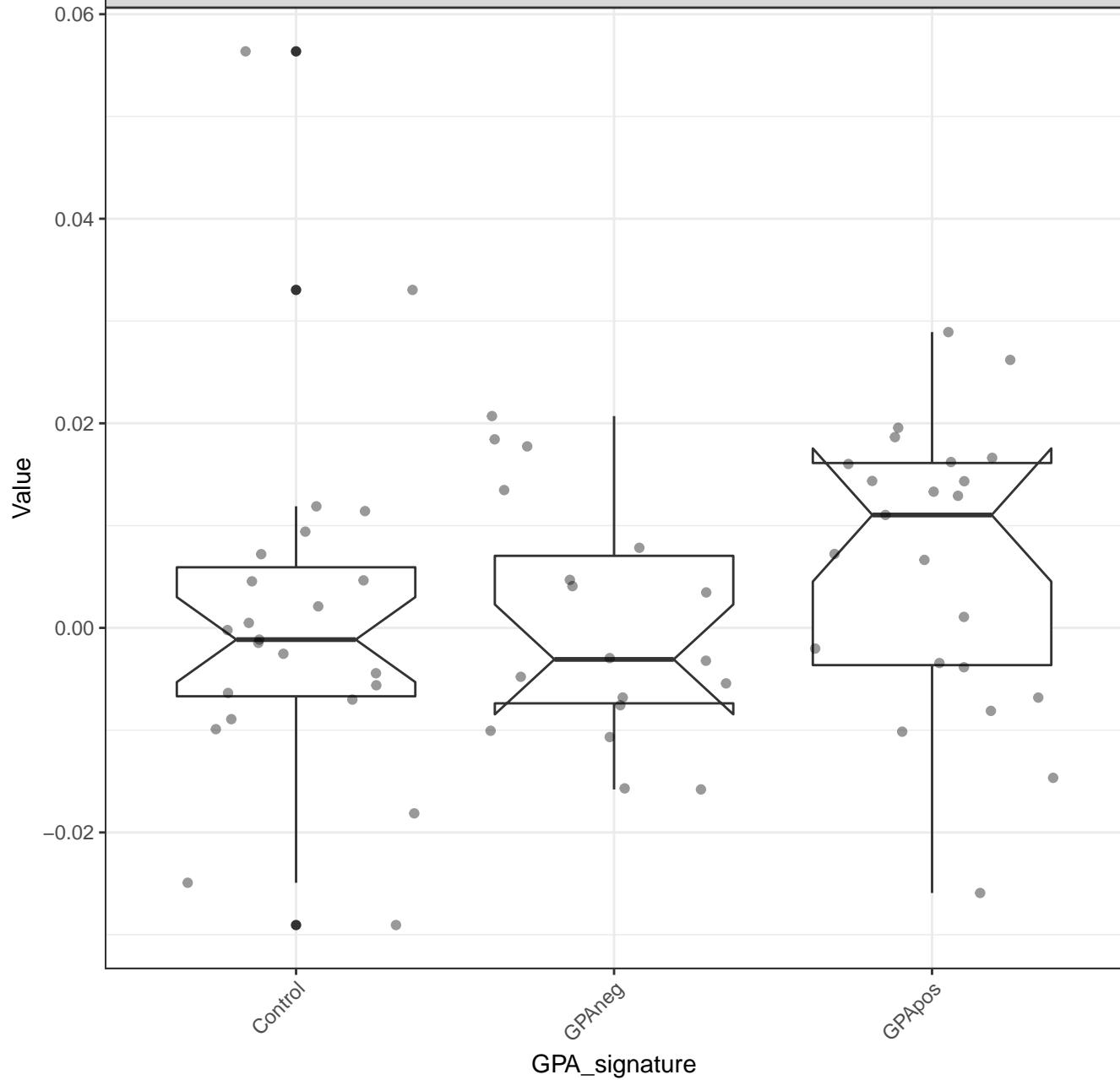
LV 755



LV 756



LV 757



LV 758

Value

0.10

0.05

0.00

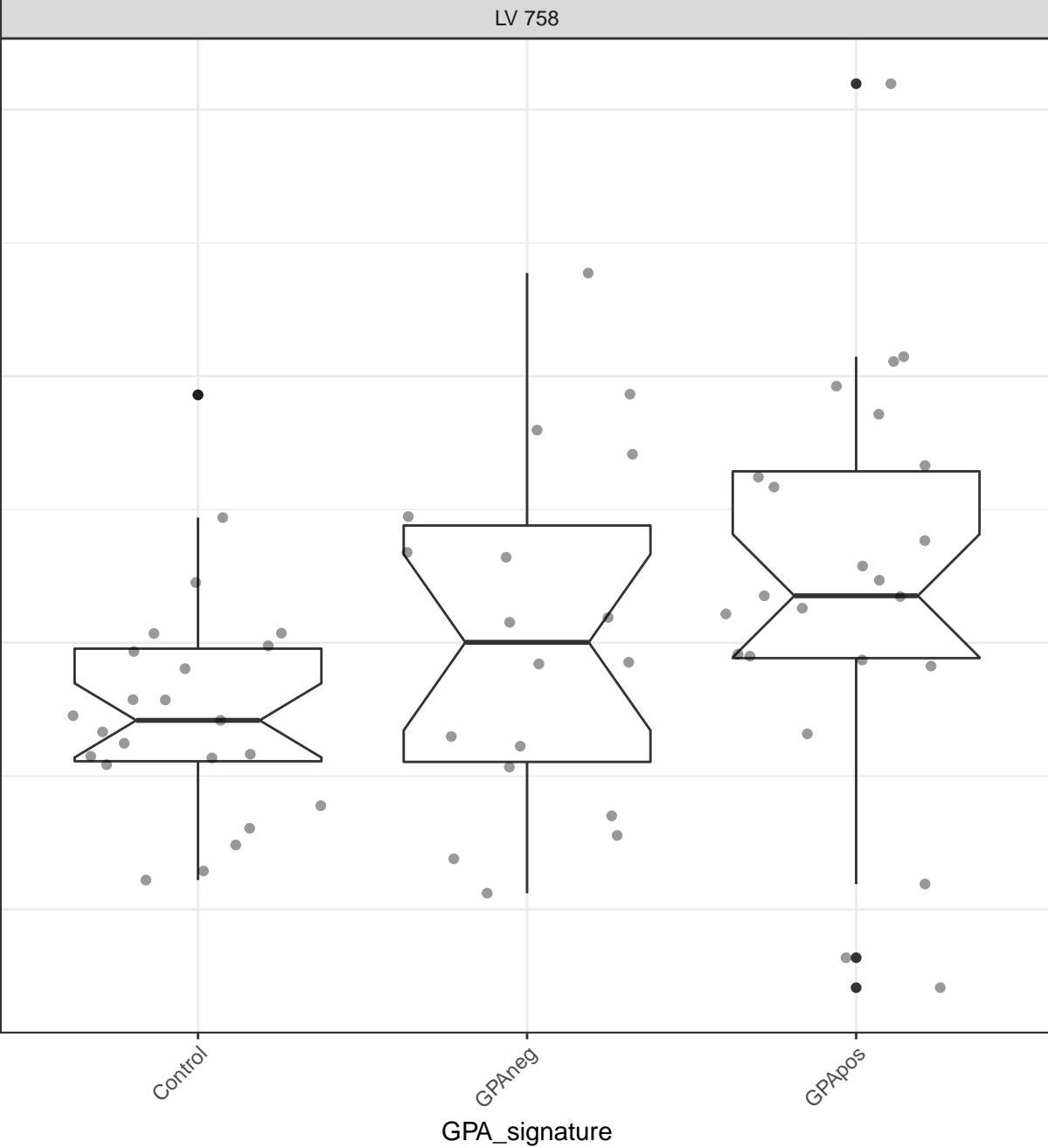
-0.05

Control

GPAneg

GPAPos

GPA_signature



LV 759

Value

0.08

0.04

0.00

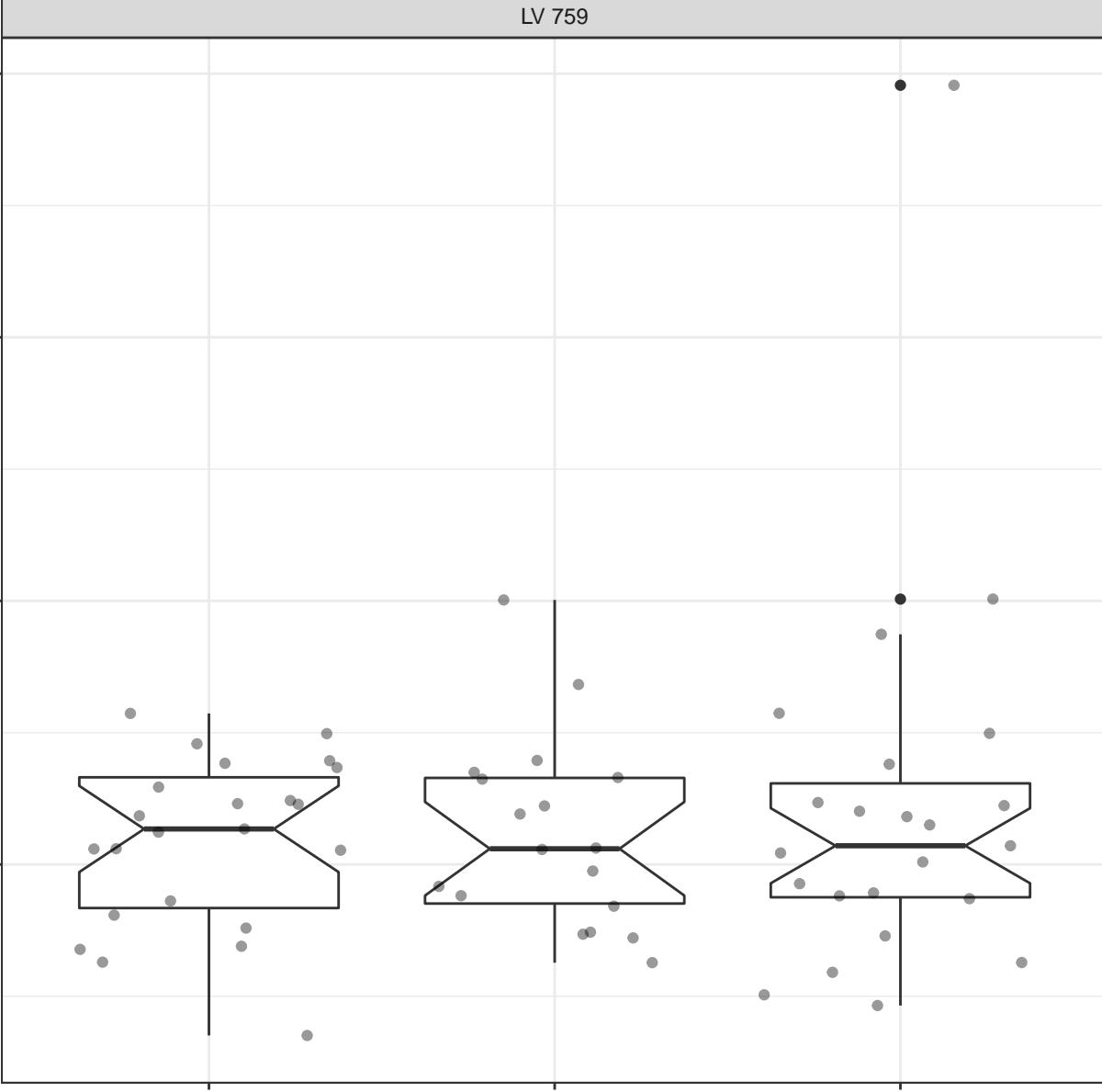
-0.04

Control

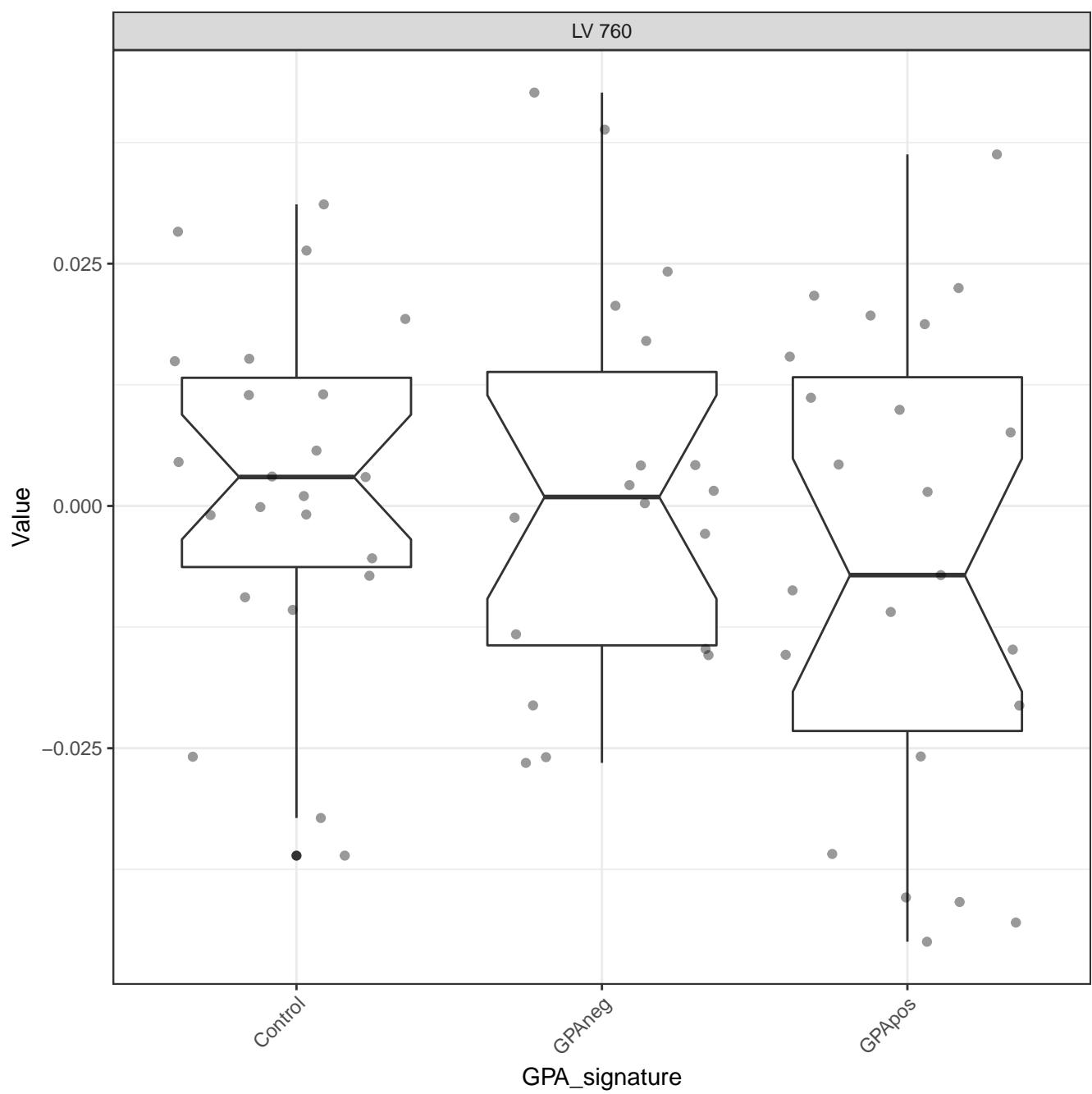
GPAneg

GPApos

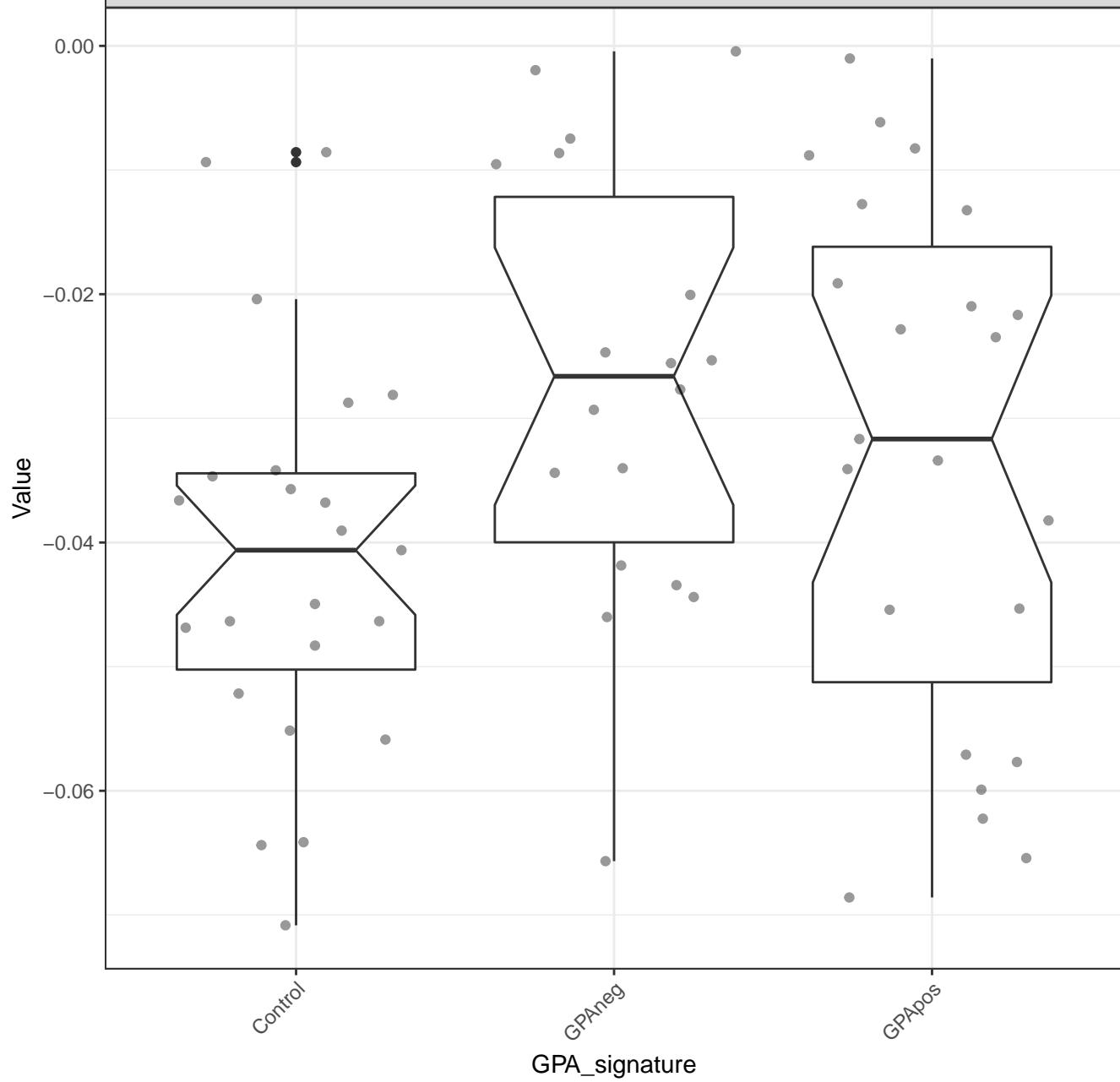
GPA_signature



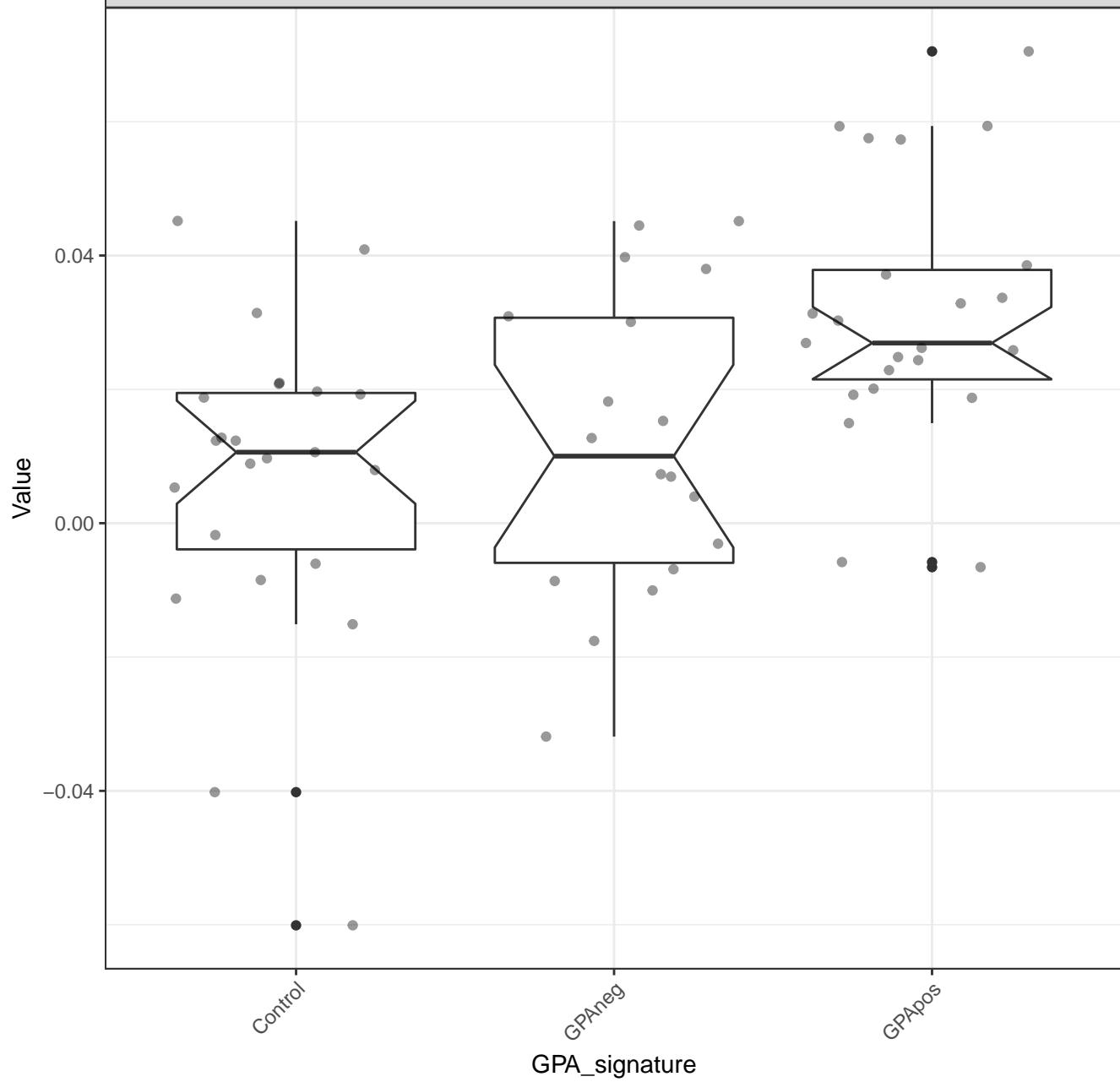
LV 760



LV 761



LV 762



LV 763

Value

0.025

0.000

-0.025

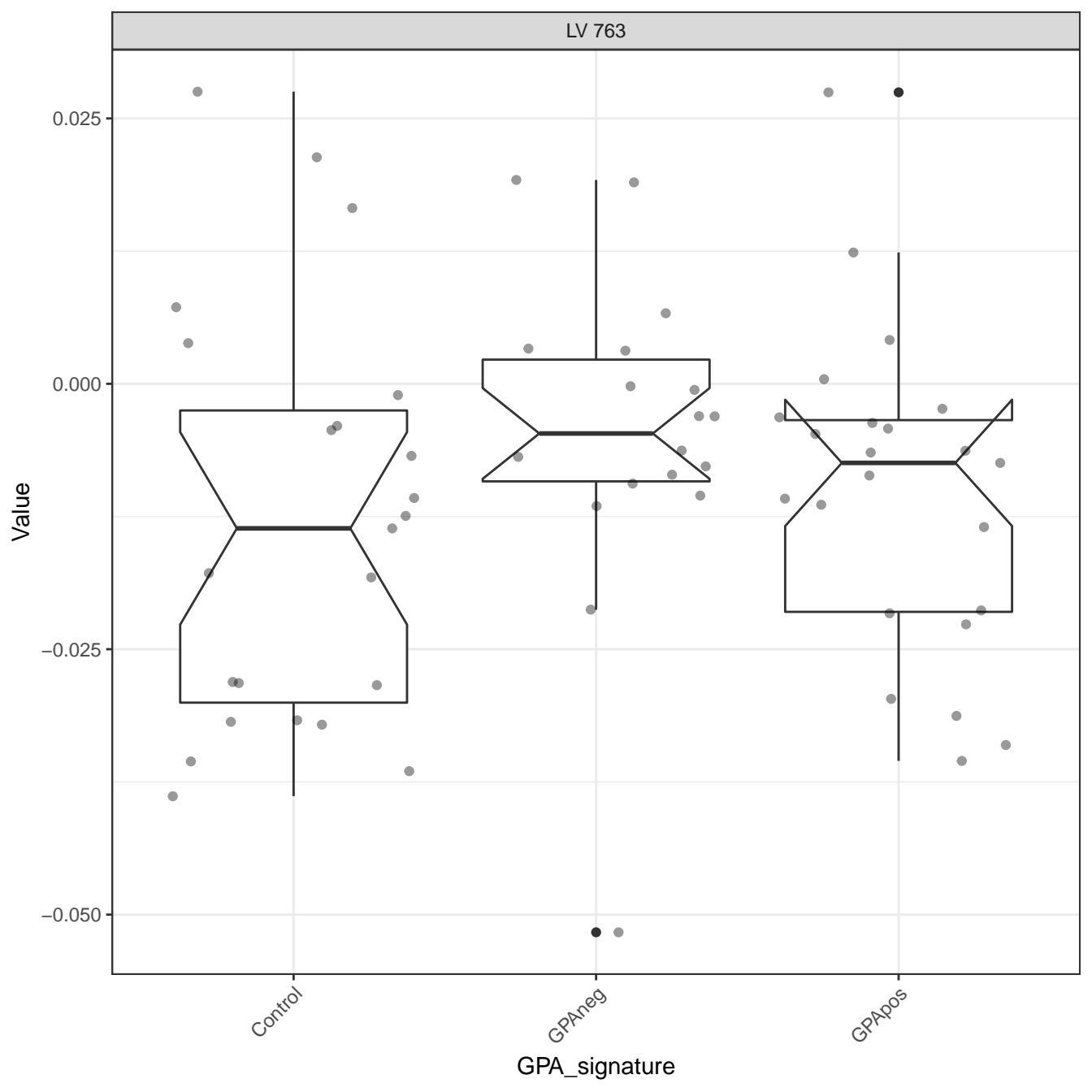
-0.050

Control

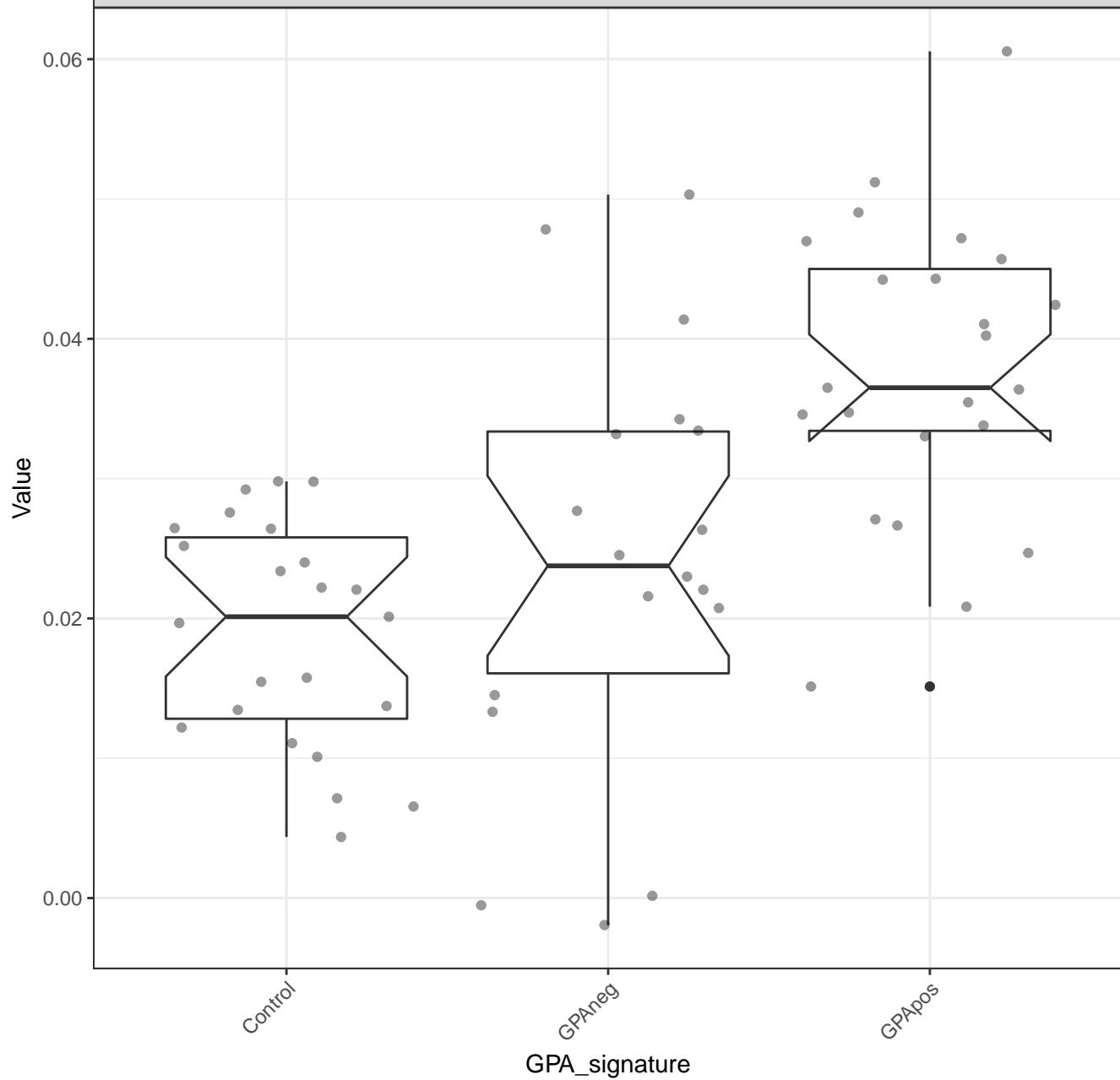
GPA_signature

GPAneg

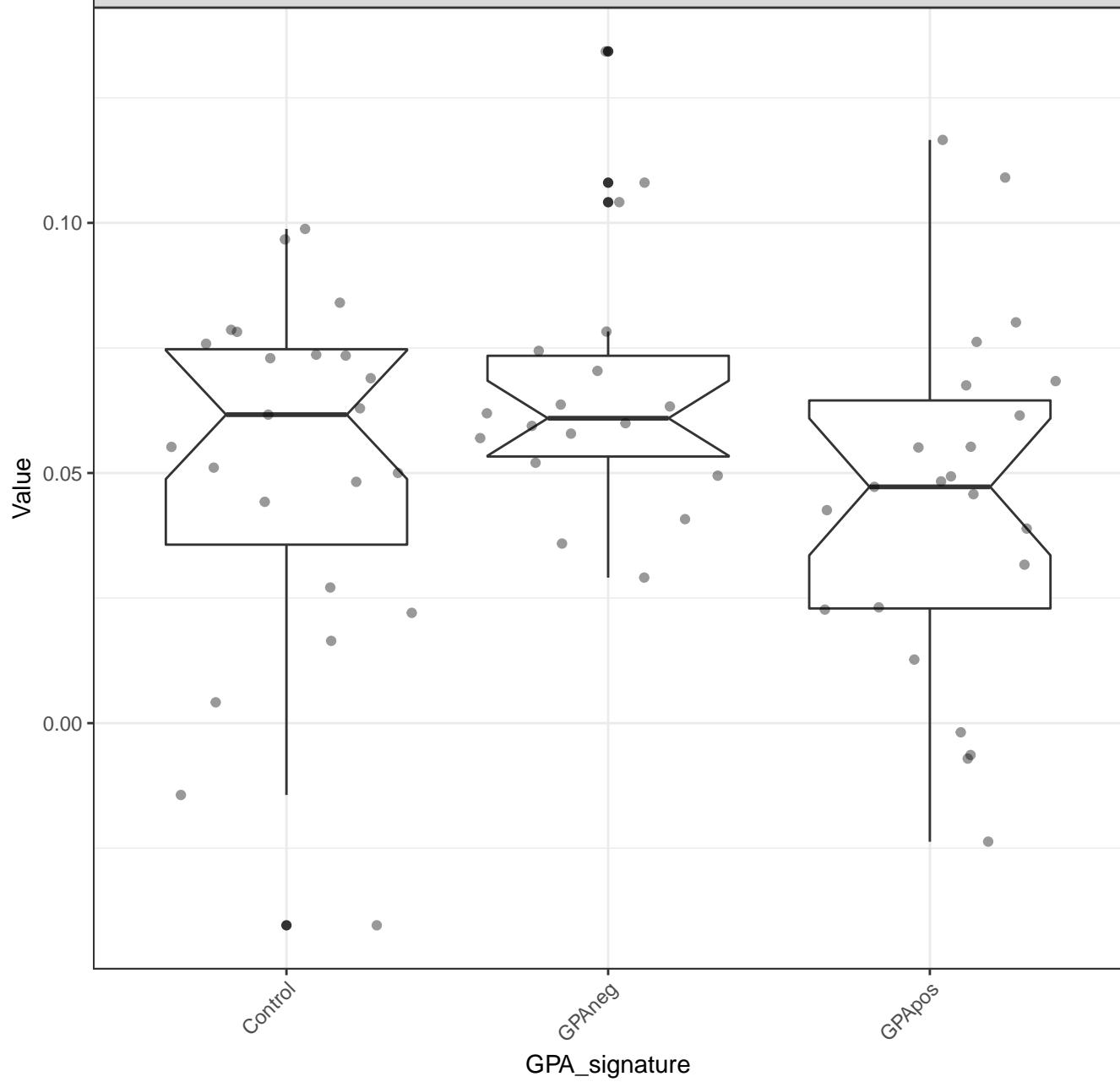
GPAPos



LV 764



765,SVM NK cells resting



766,KEGG_DILATED_CARDIOMYOPATHY

Value

0.10

0.05

0.00

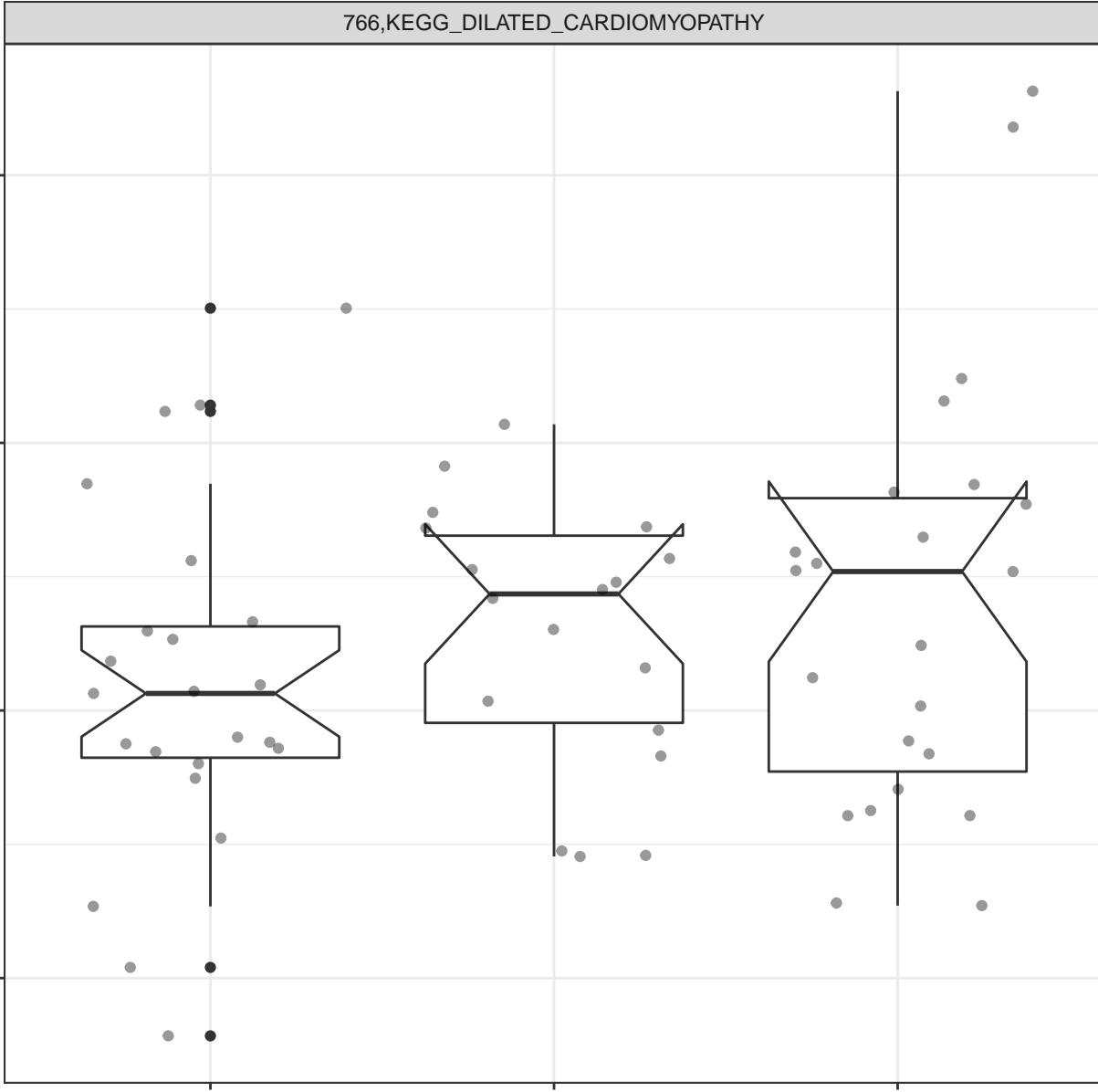
-0.05

Control

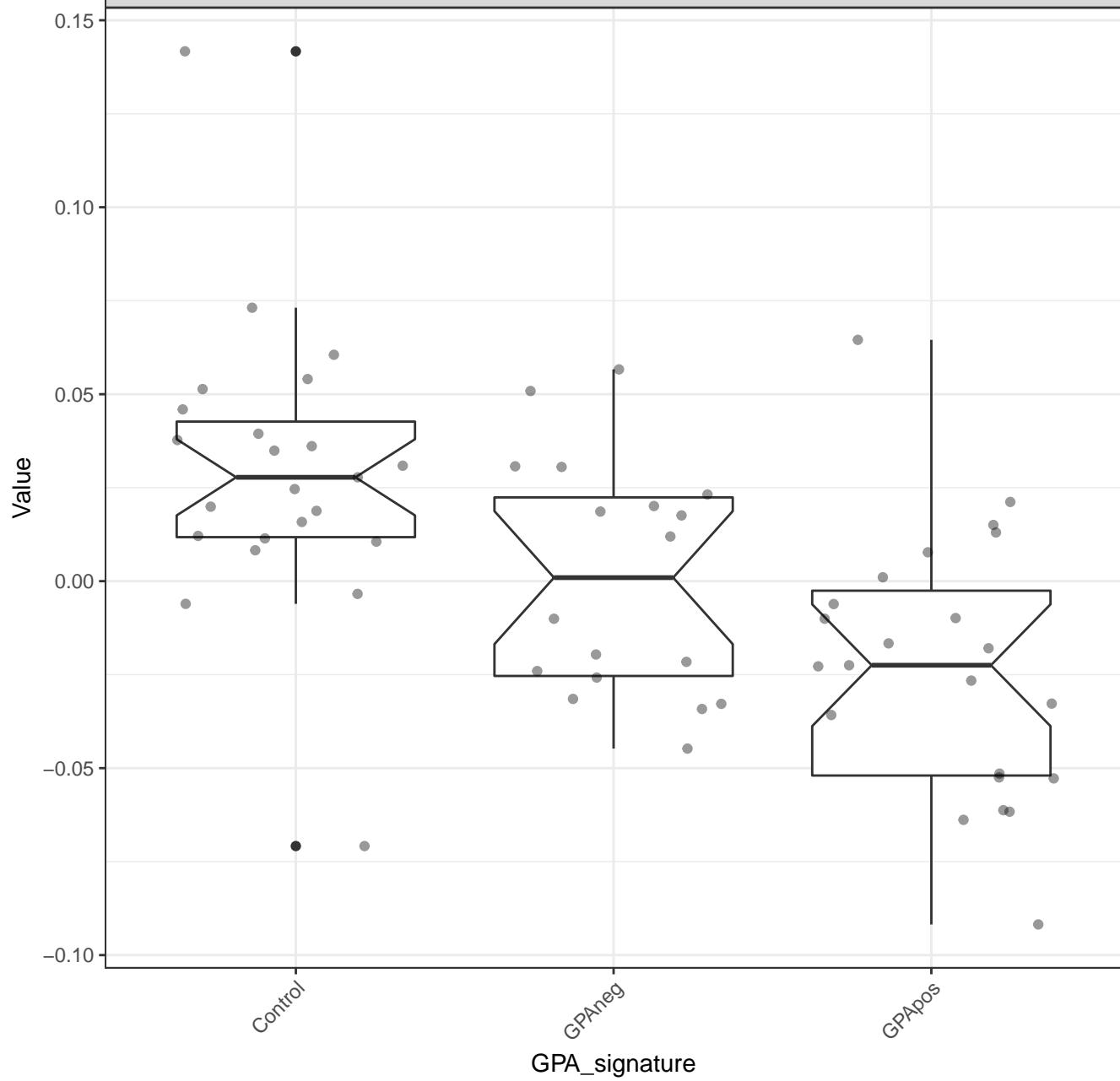
GPAneg

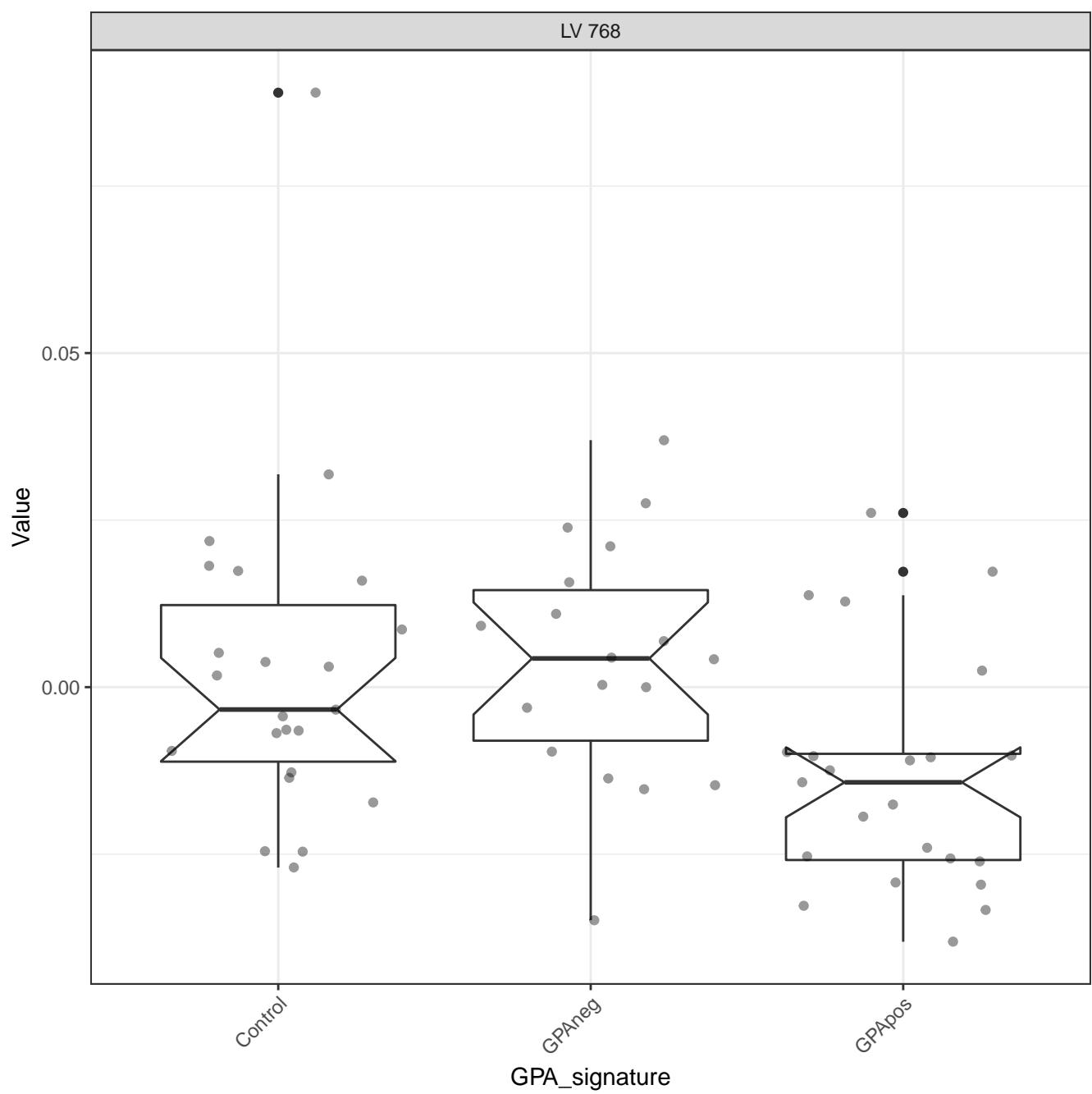
GPApos

GPA_signature

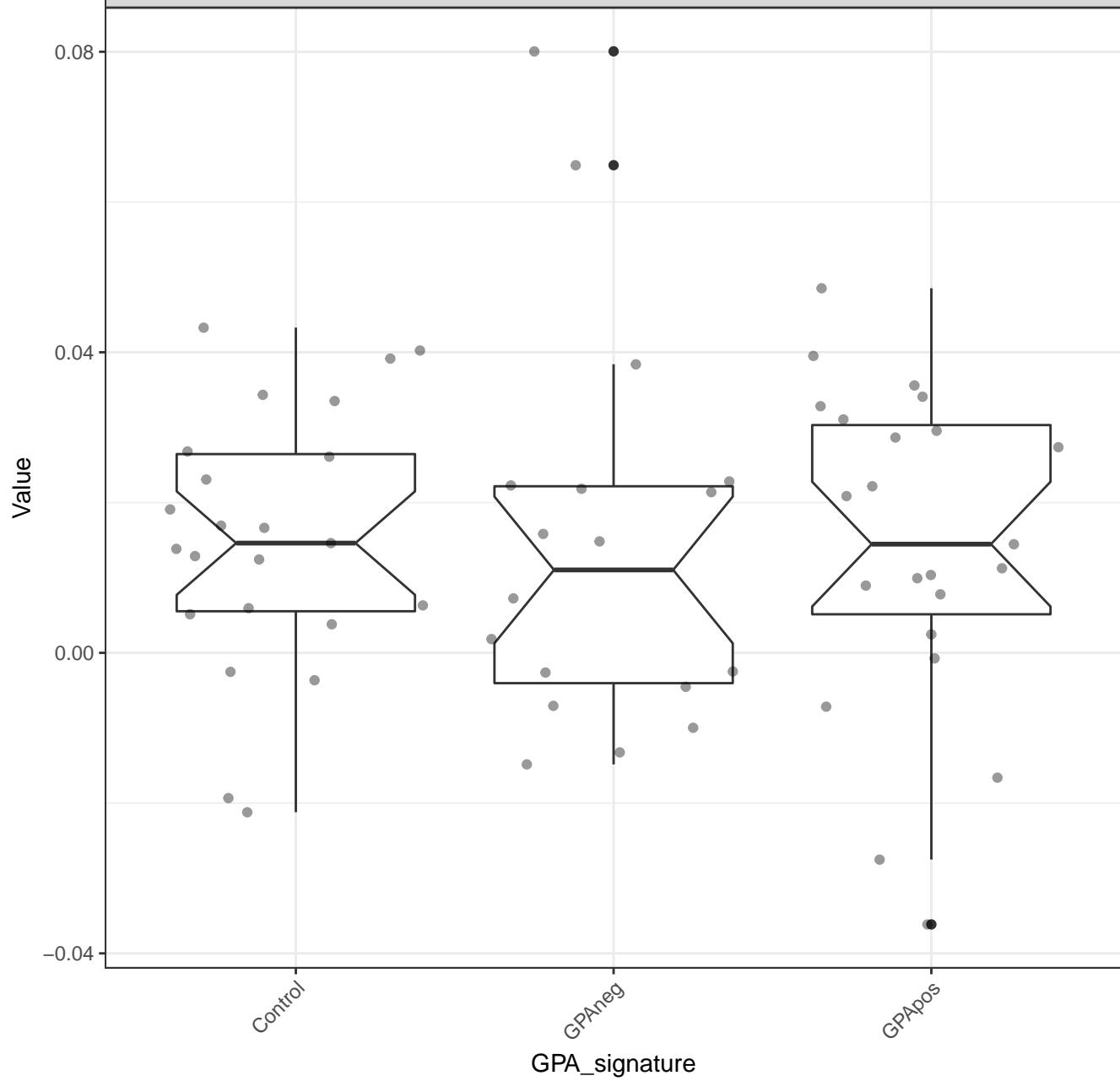


767,SVM B cells naive

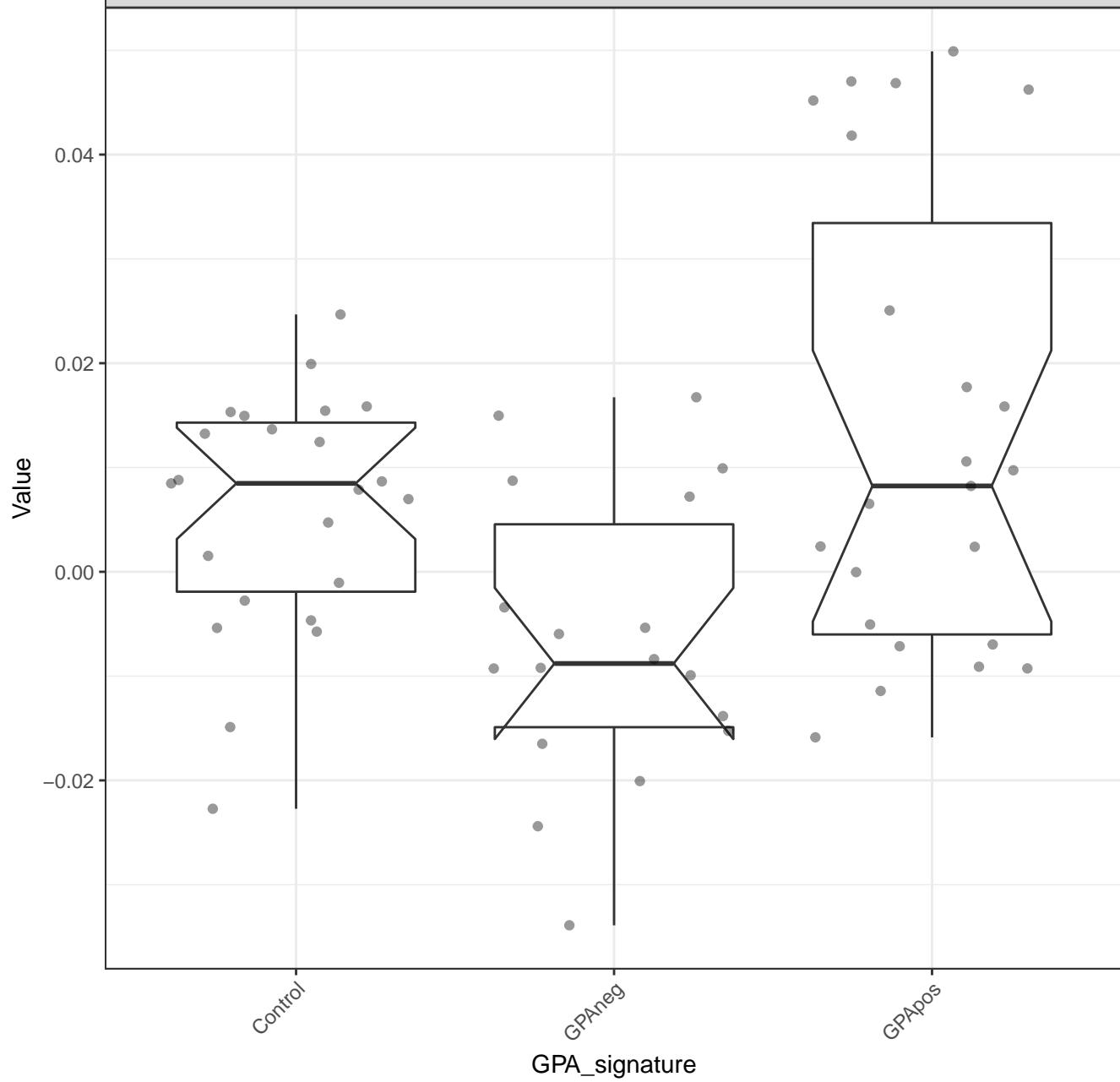




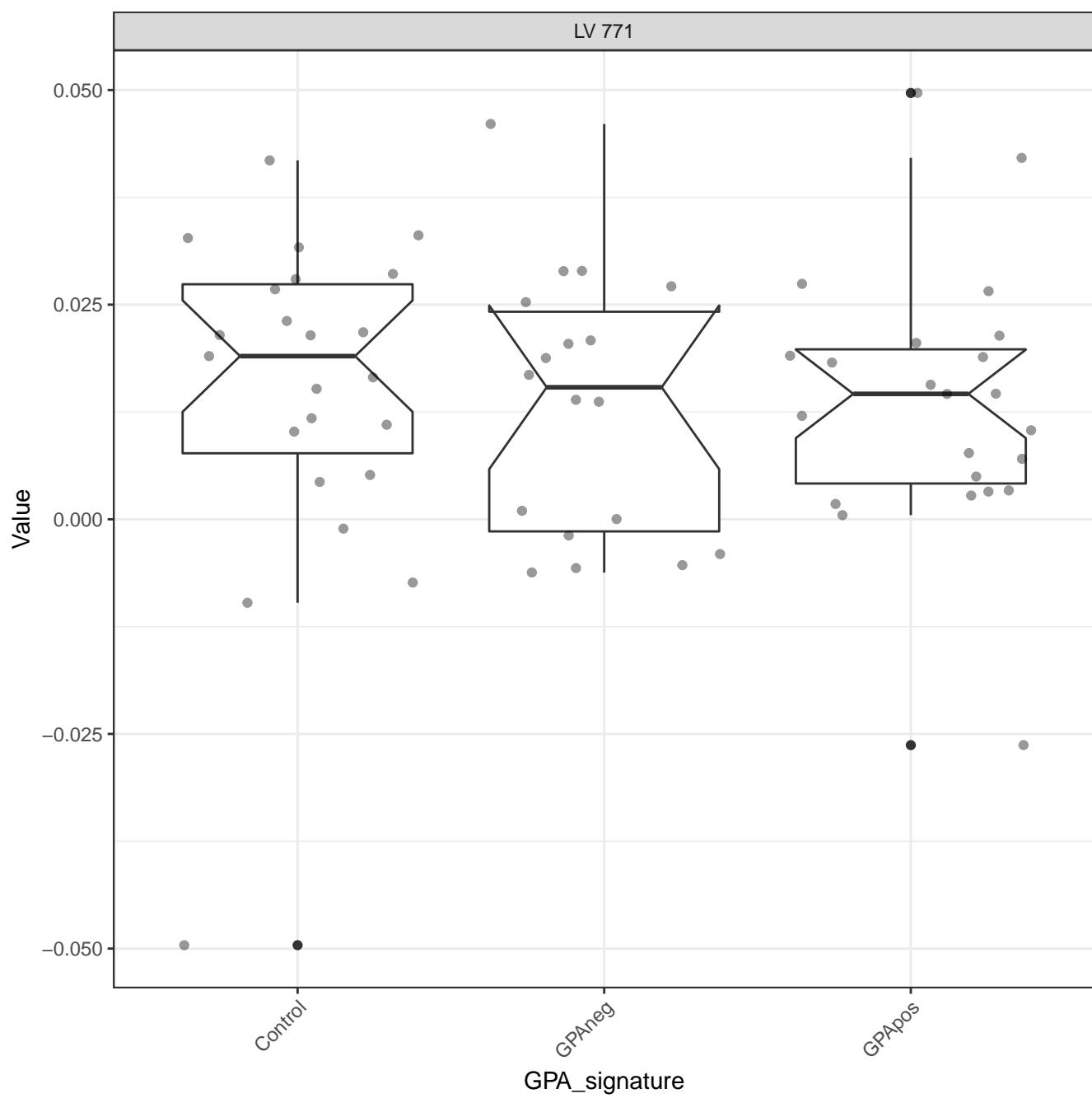
LV 769



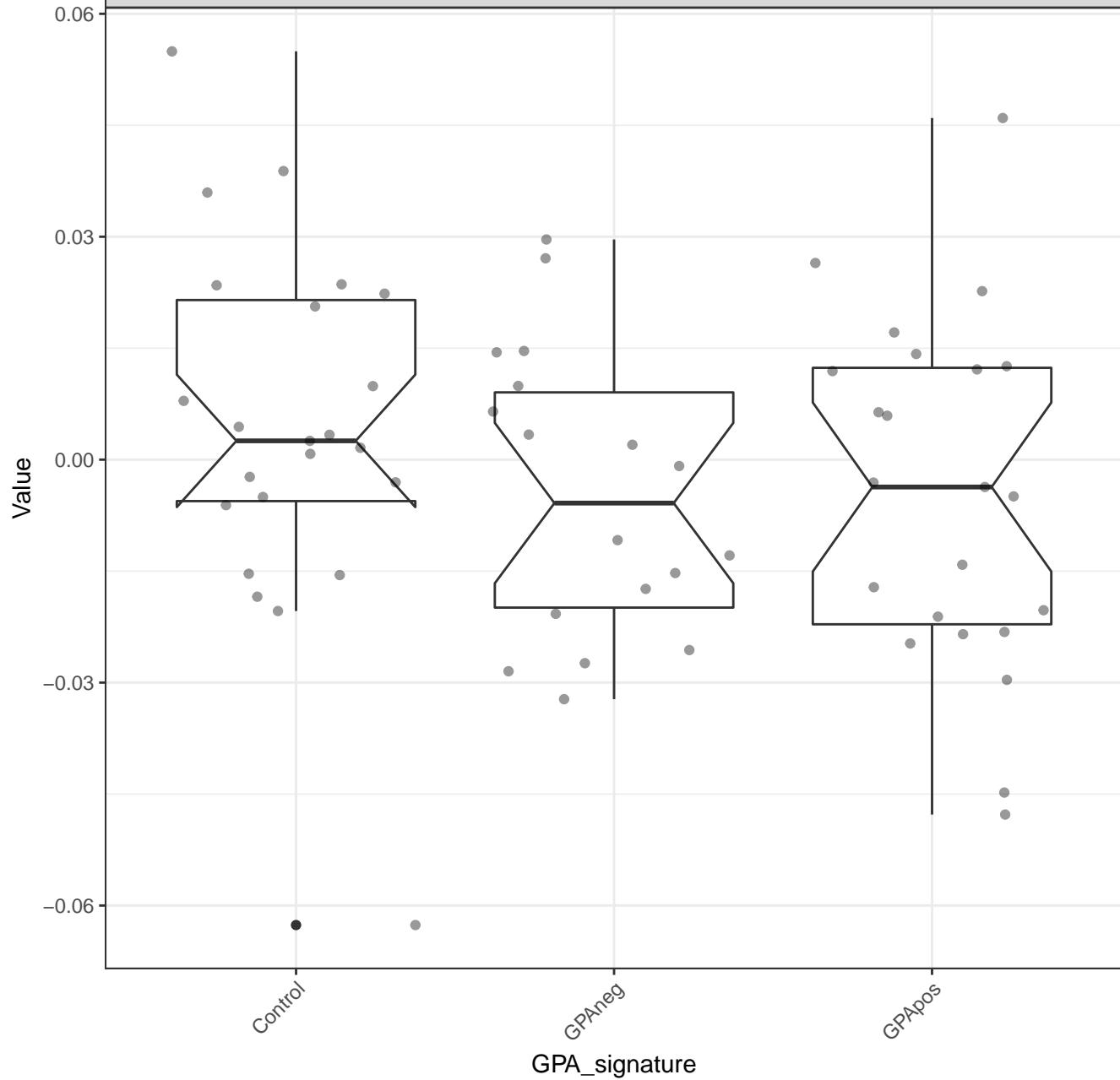
LV 770

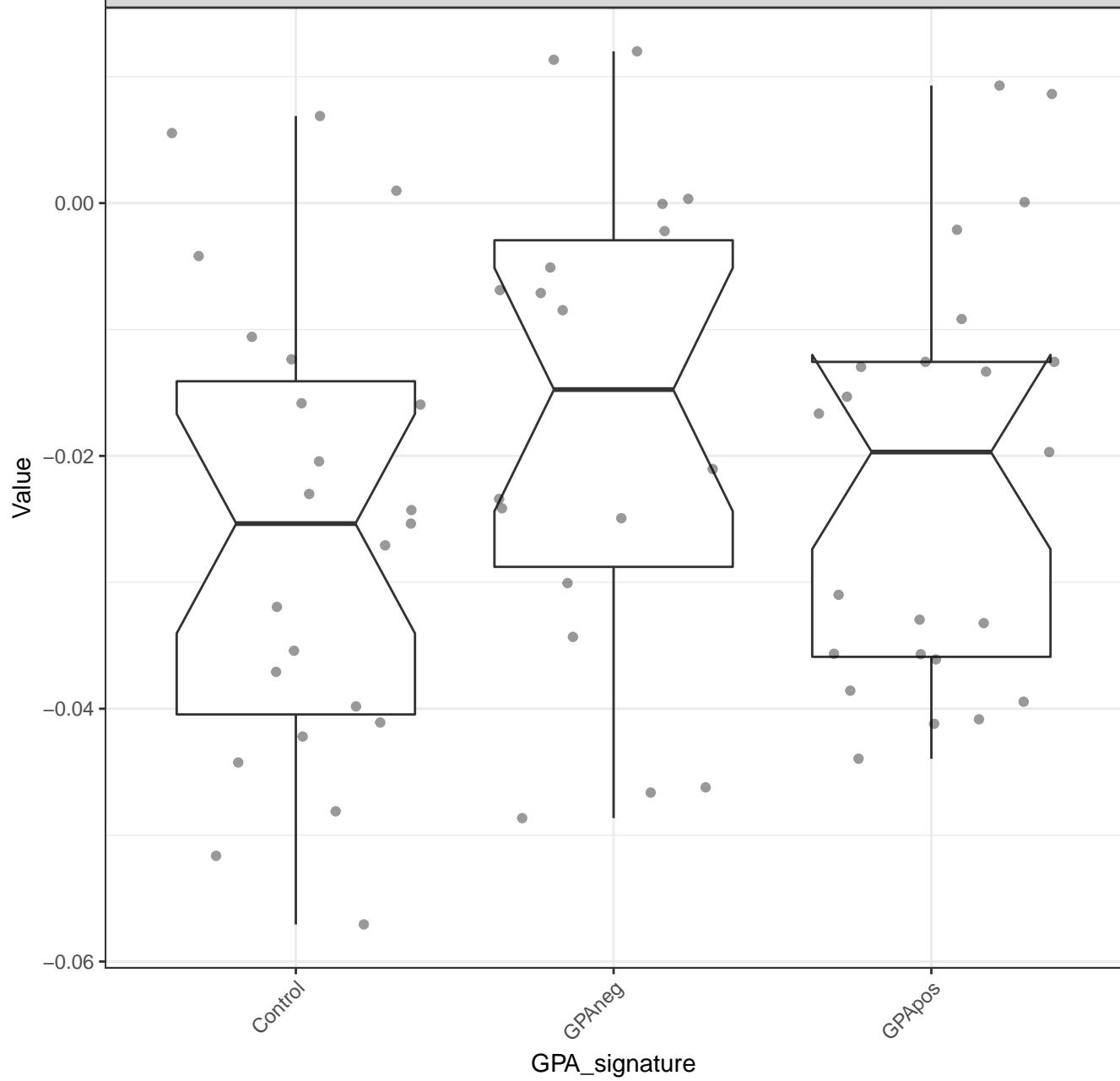


LV 771

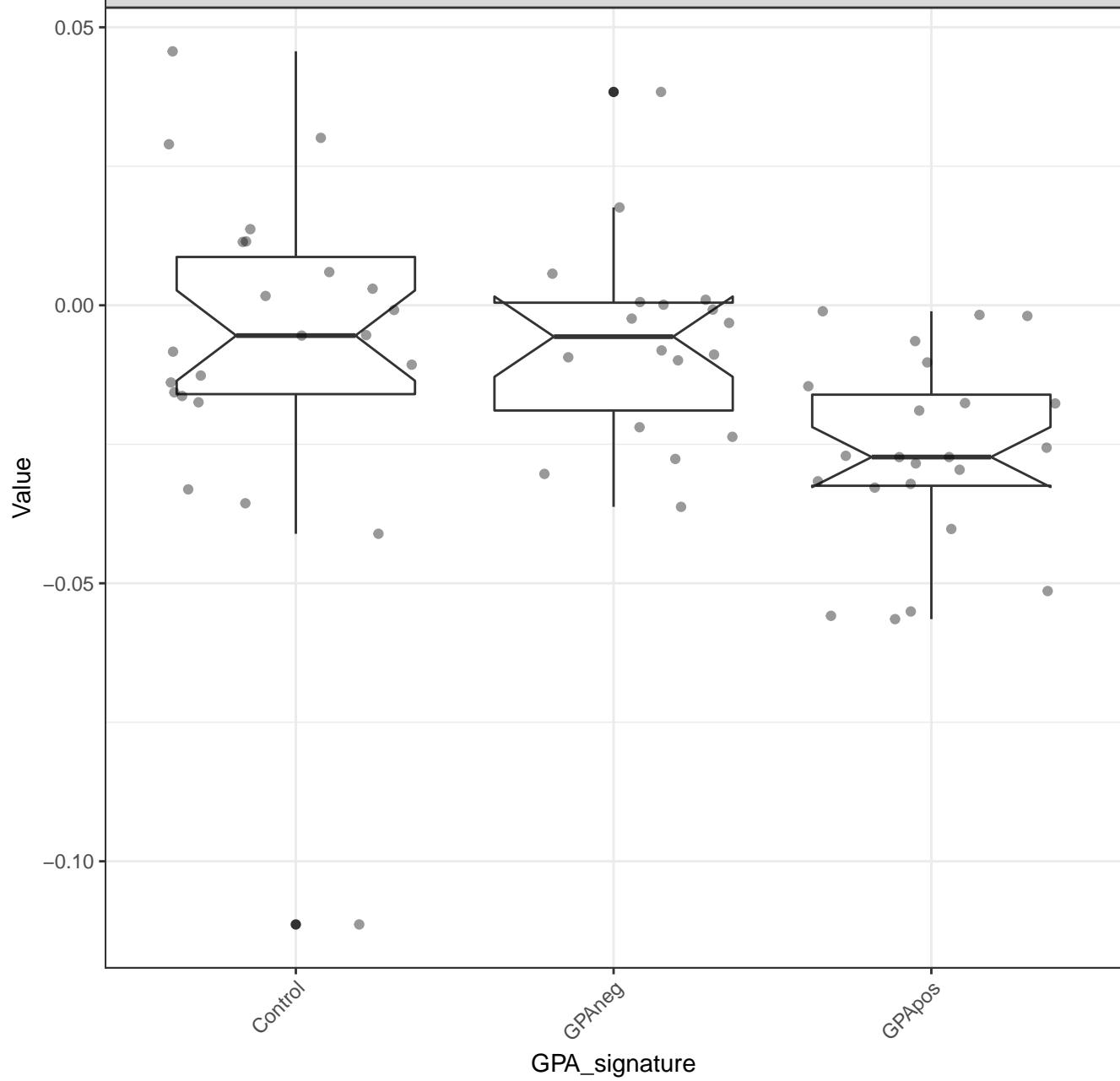


LV 772

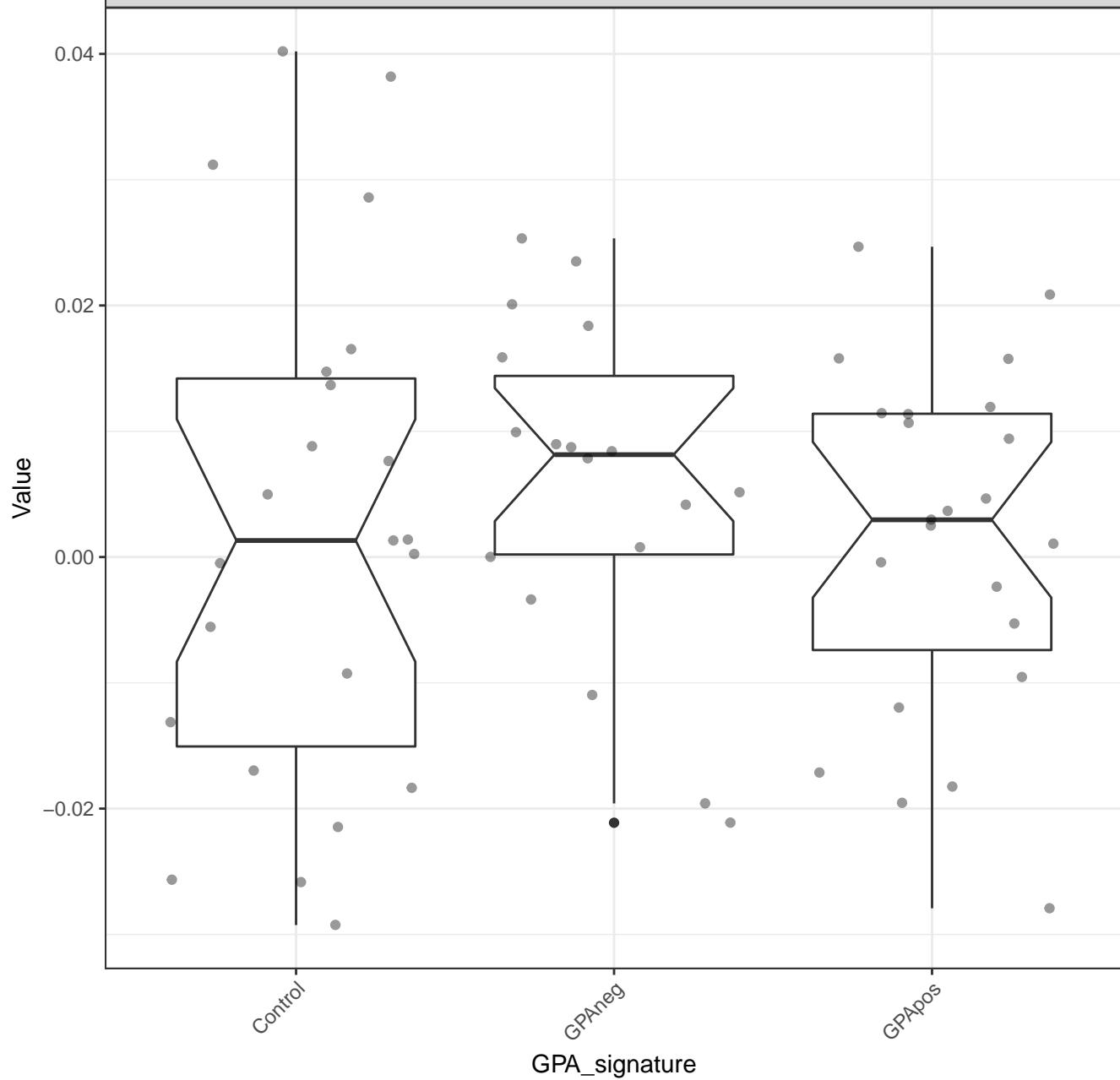




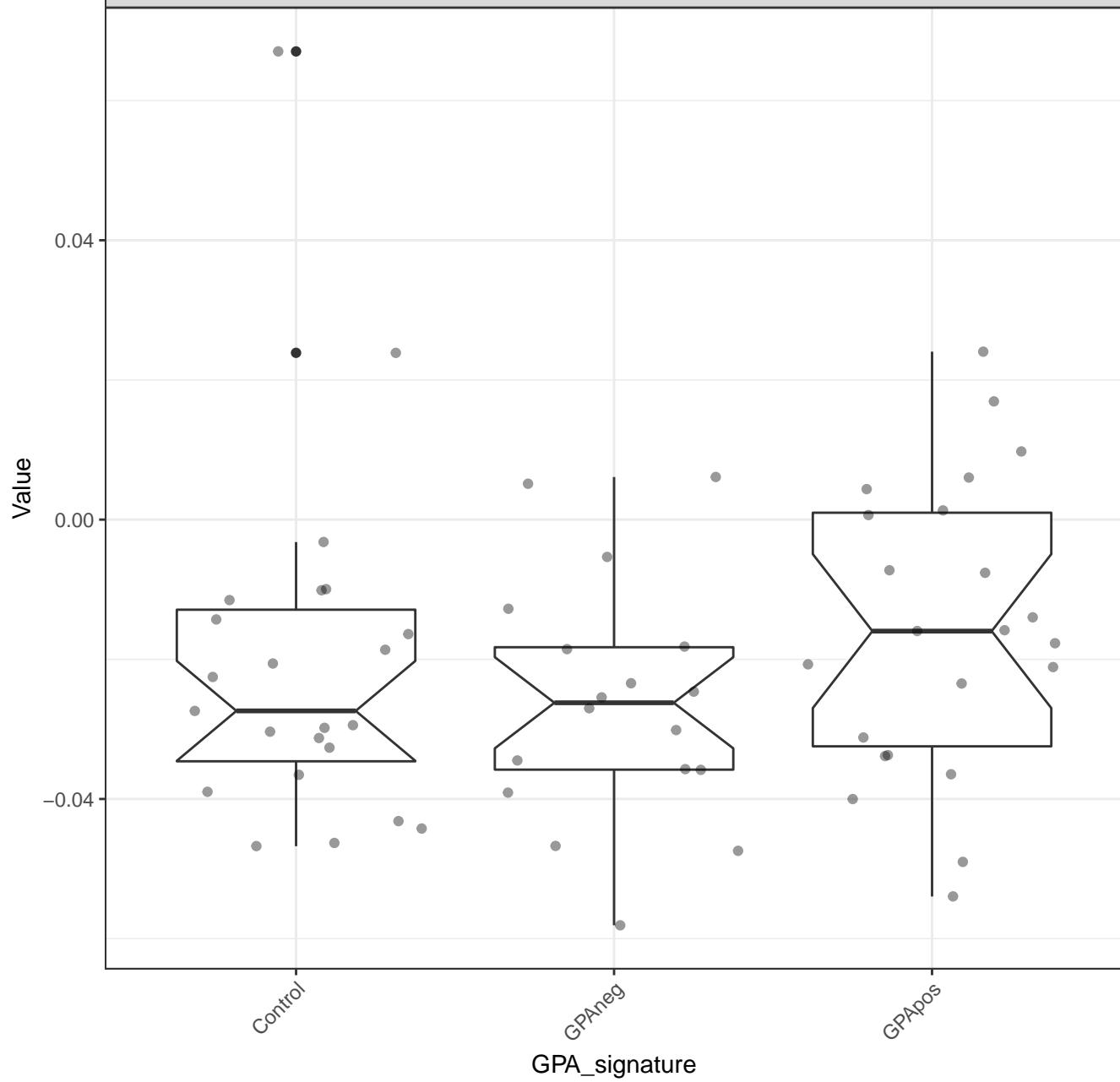
LV 774



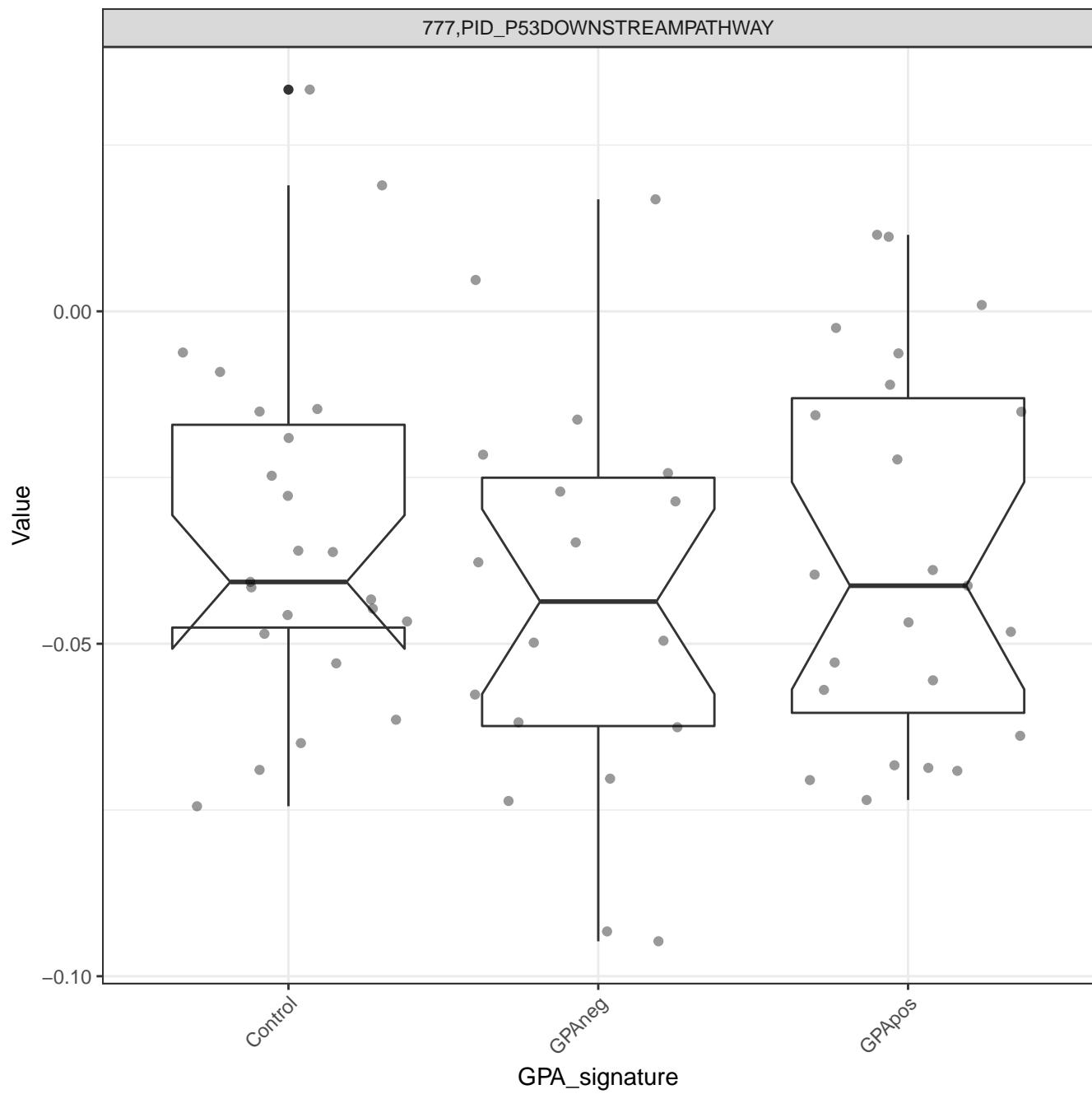
LV 775



LV 776



777,PID_P53DOWNSTREAMPATHWAY



LV 778

Value

0.10

0.05

0.00

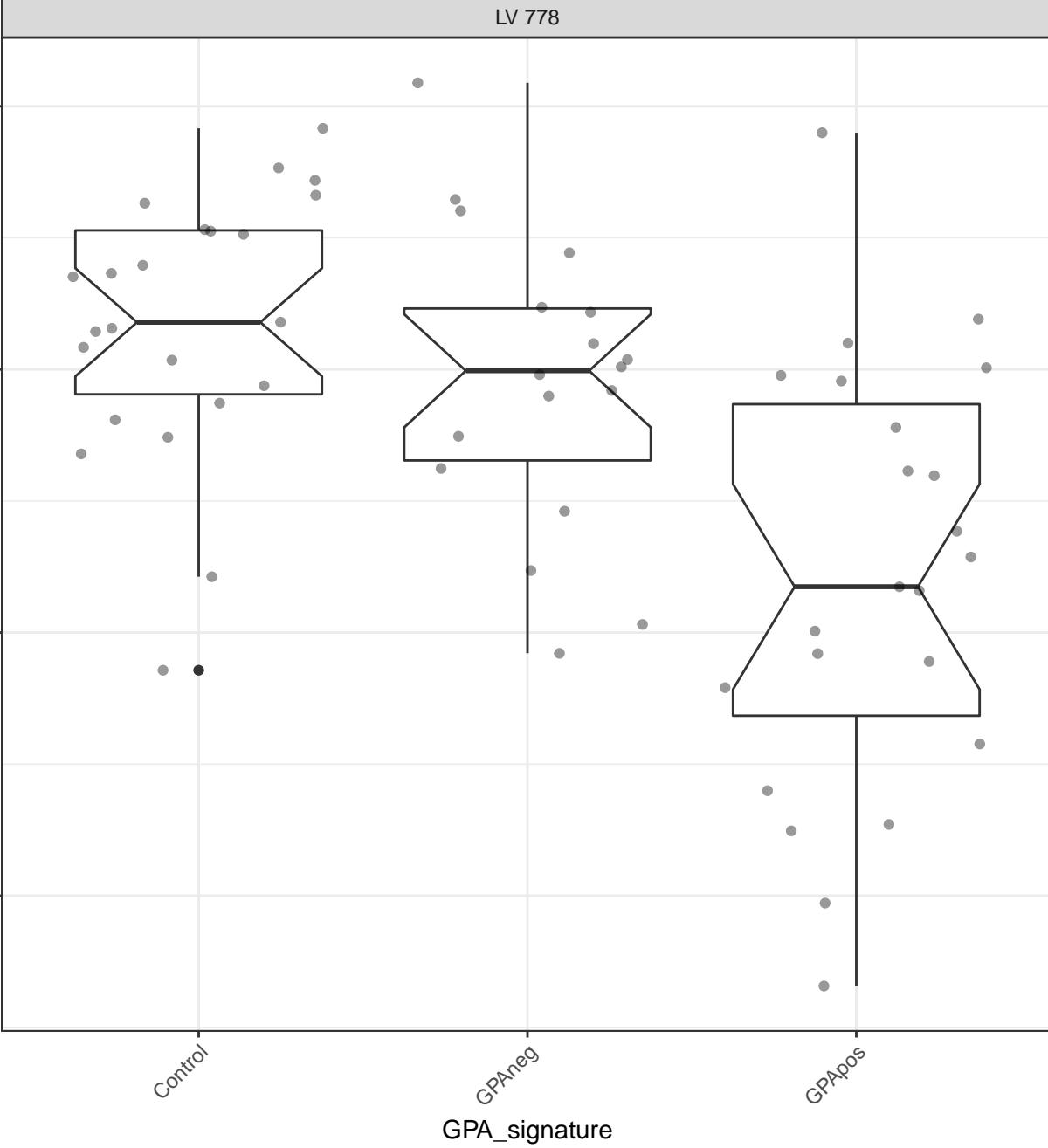
-0.05

Control

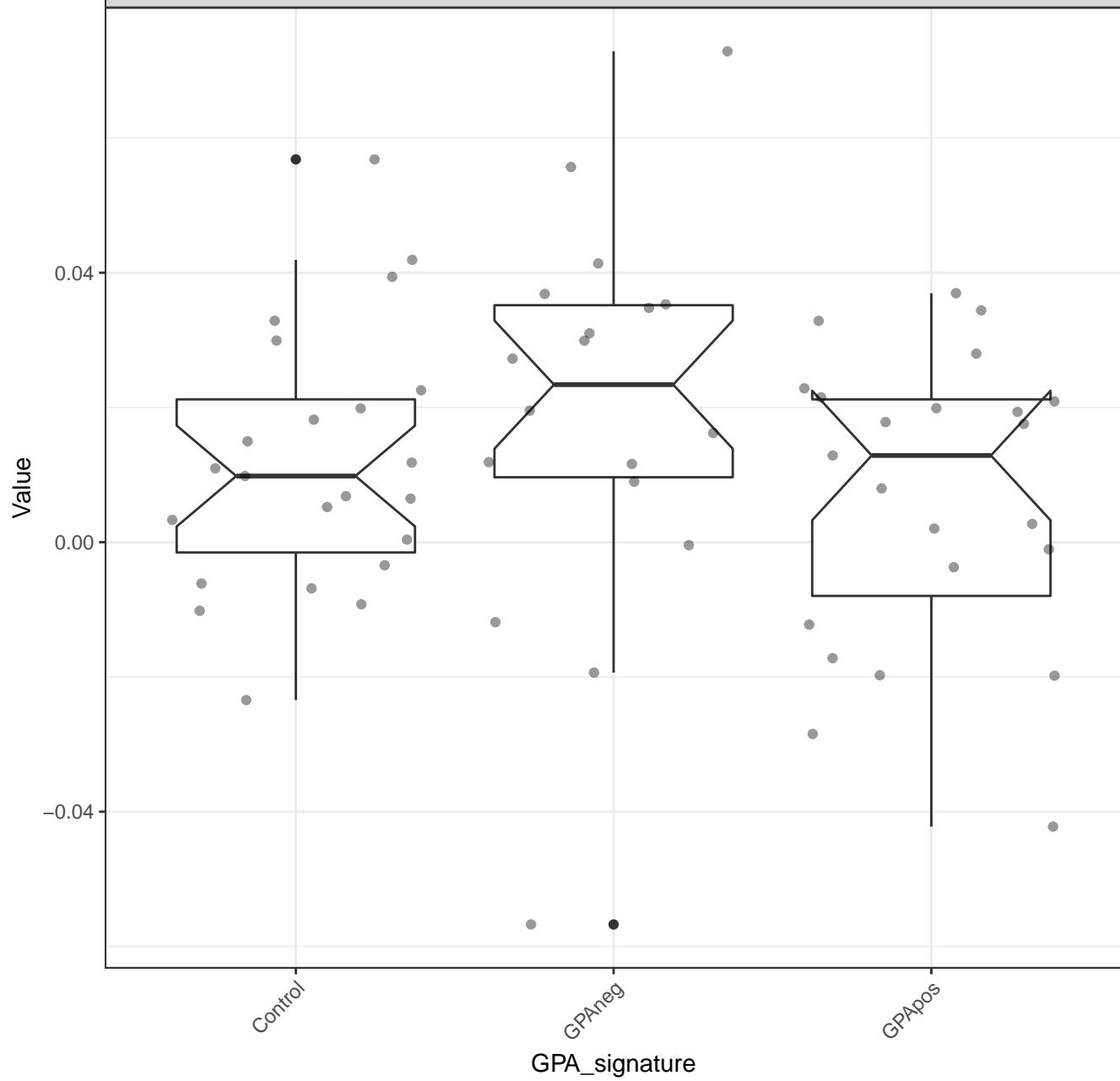
GPAneg

GPAPos

GPA_signature



LV 779



LV 780

Value

0.02

0.00

-0.02

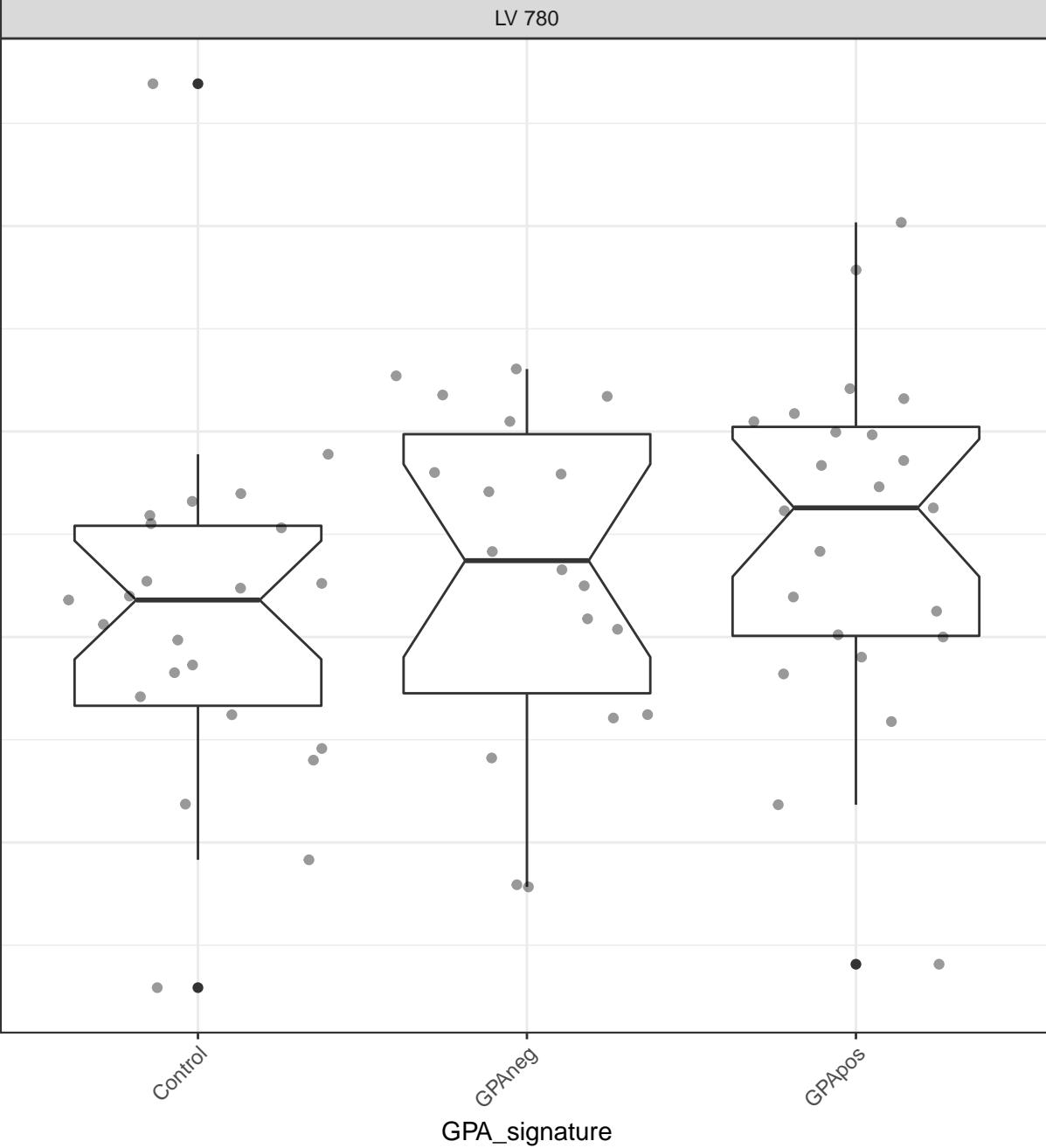
-0.04

Control

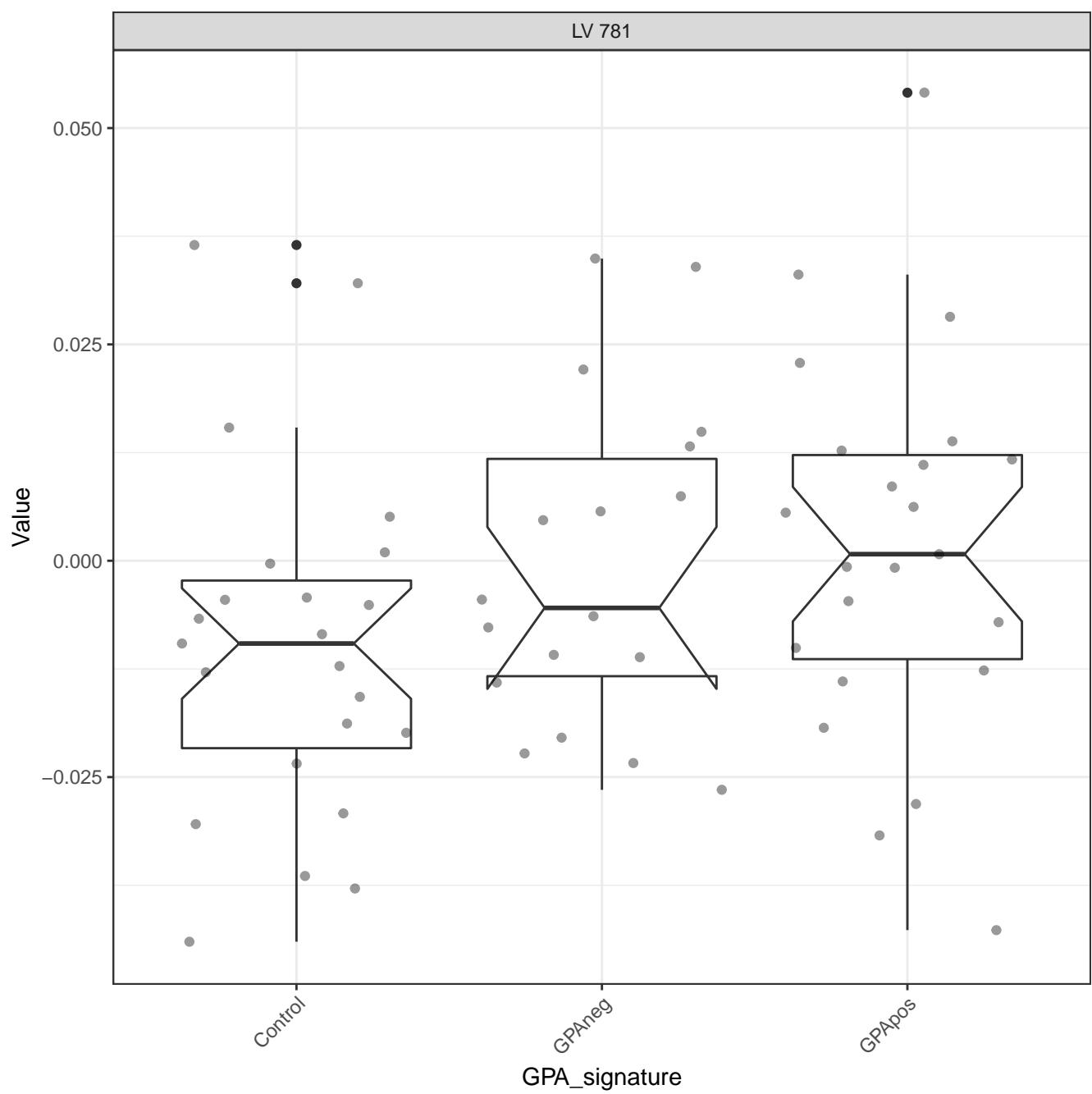
GPAneg

GPApos

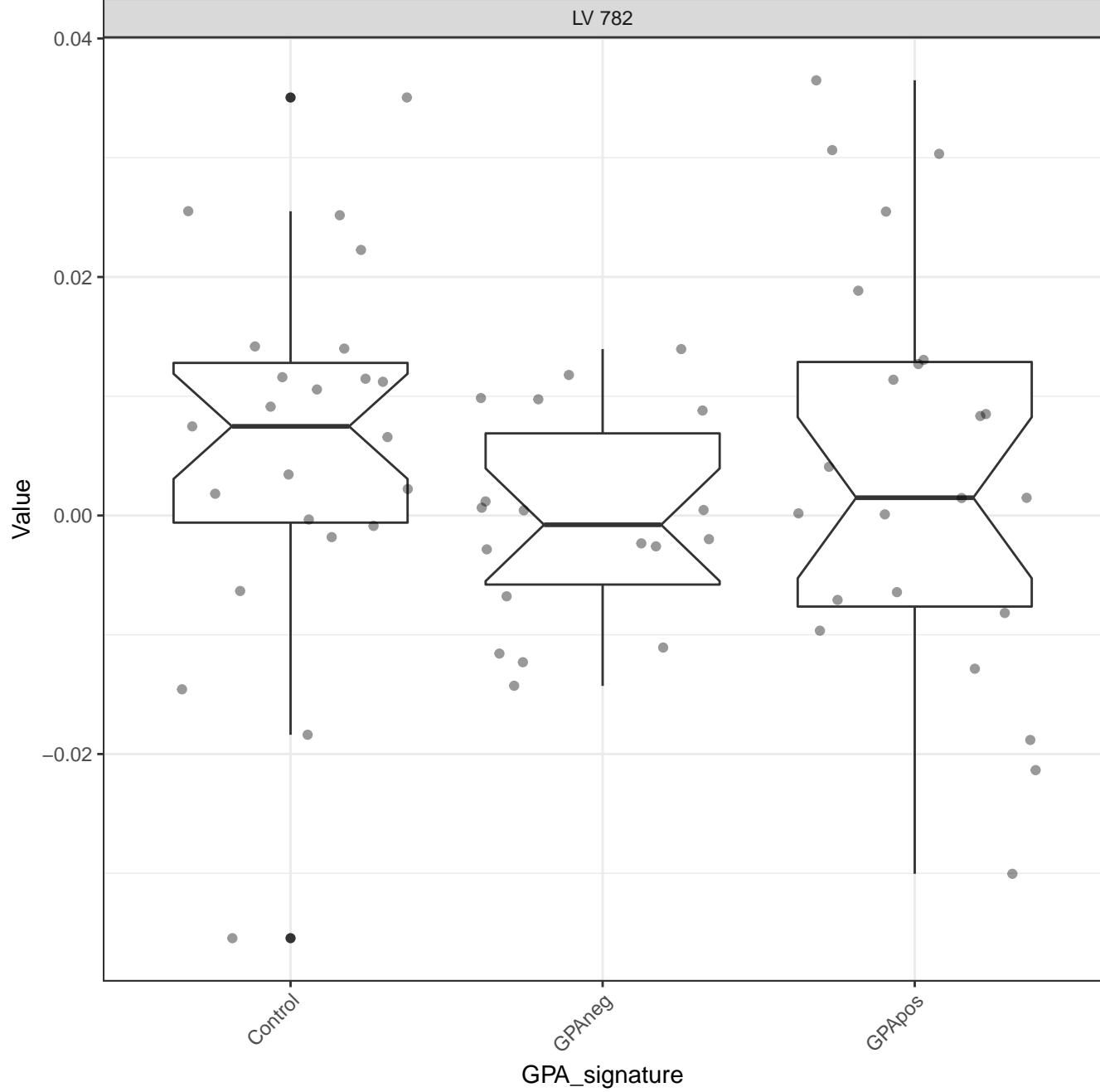
GPA_signature



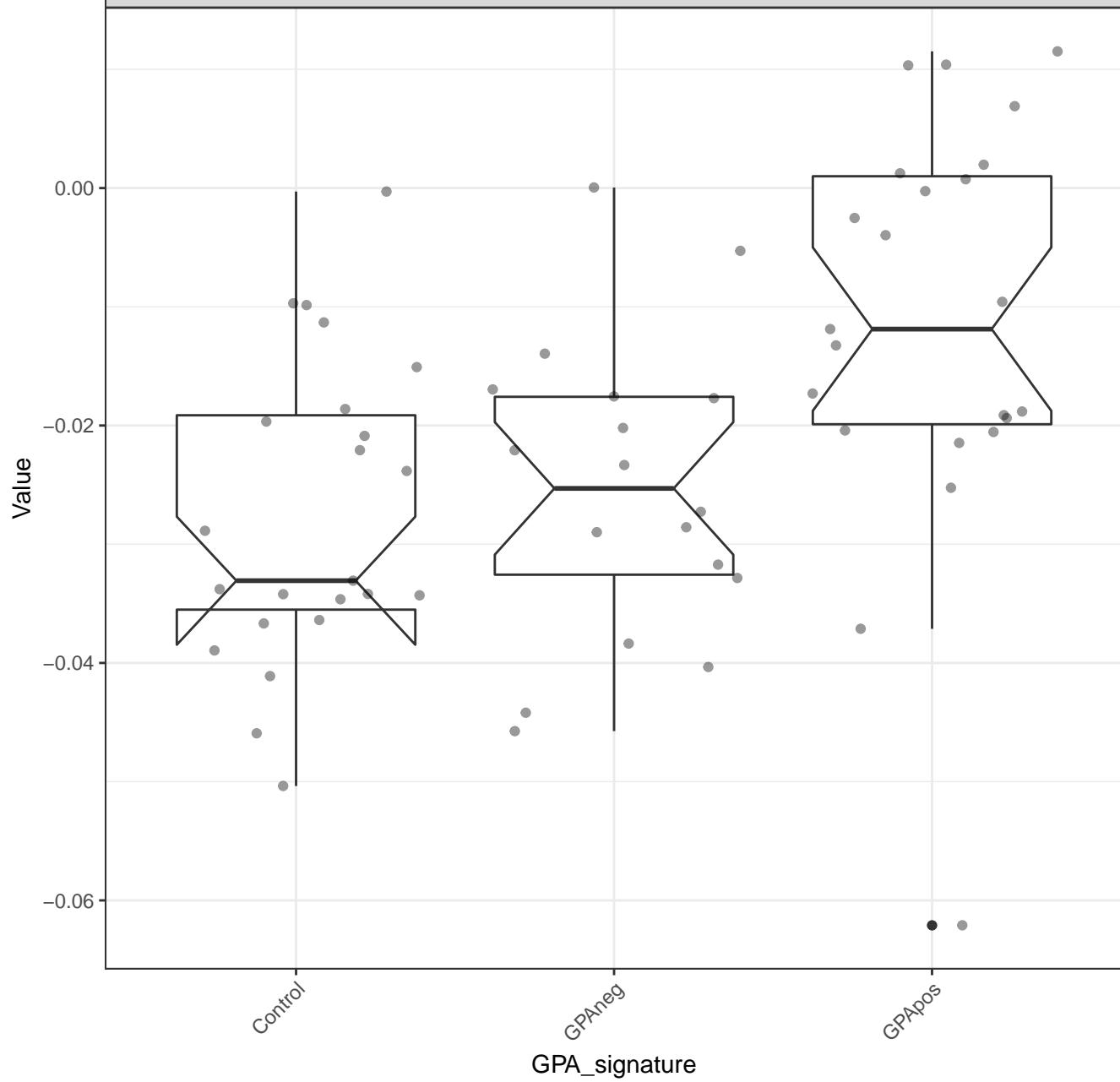
LV 781

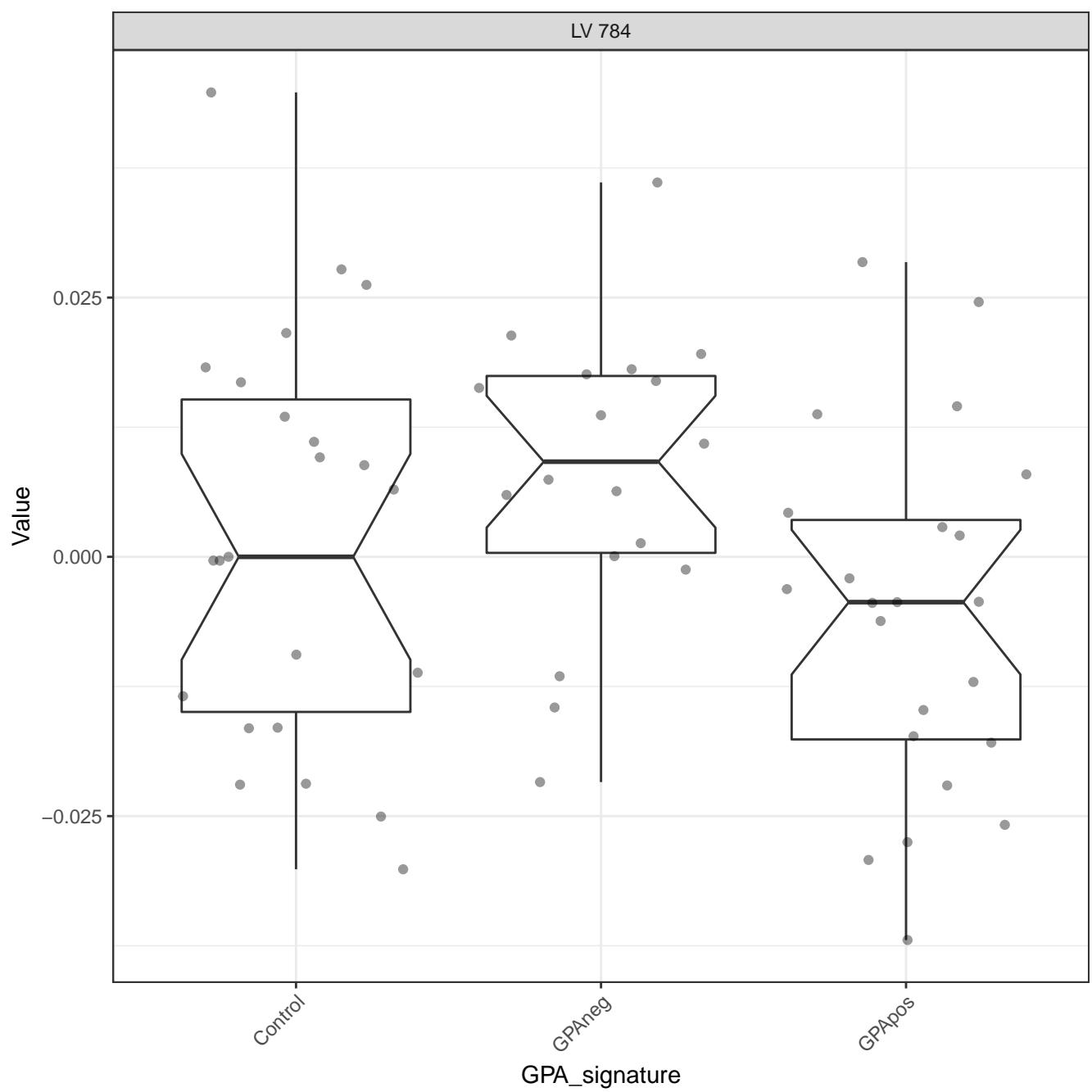


LV 782



LV 783





LV 785

Value

0.025

0.000

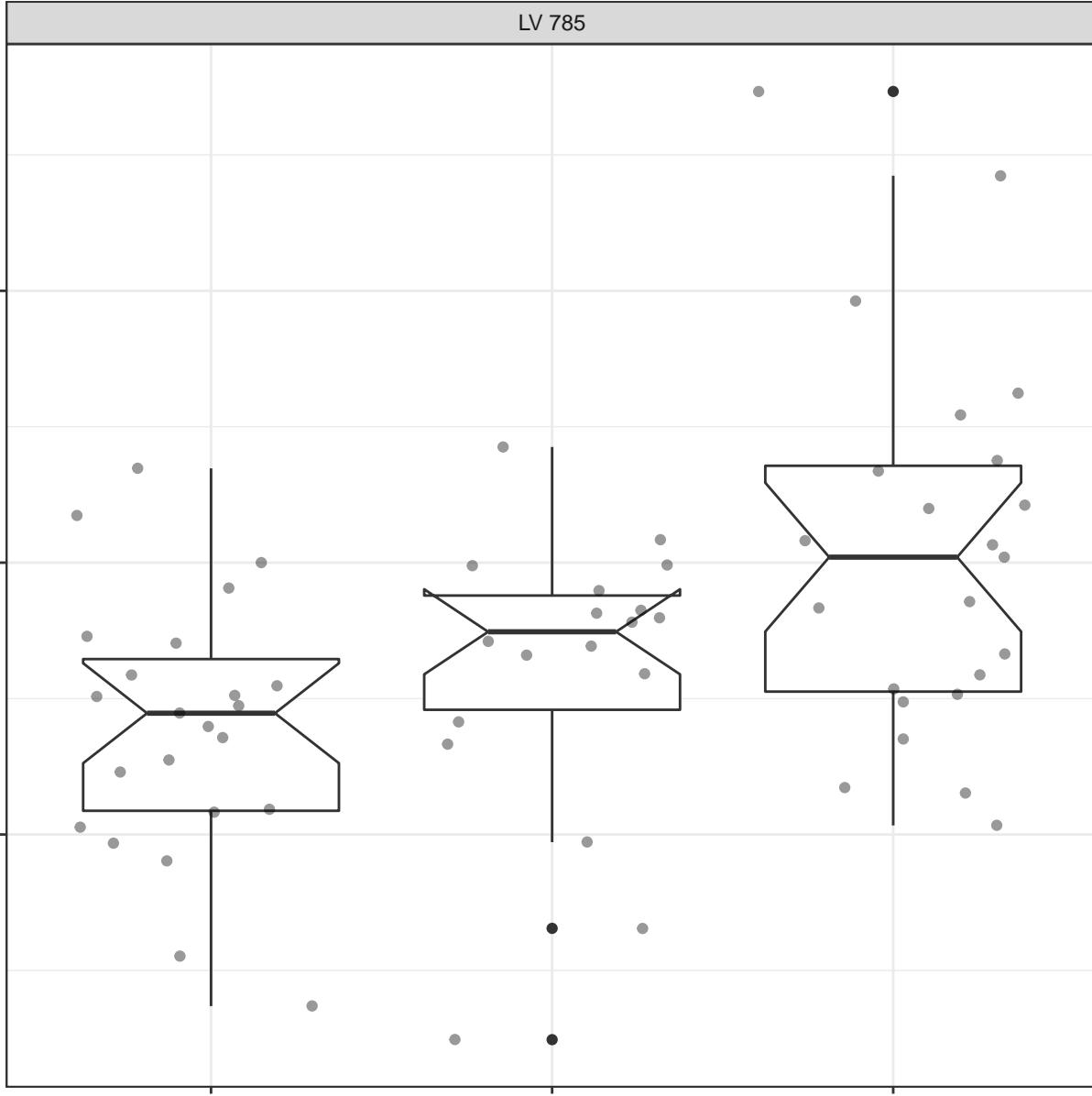
-0.025

Control

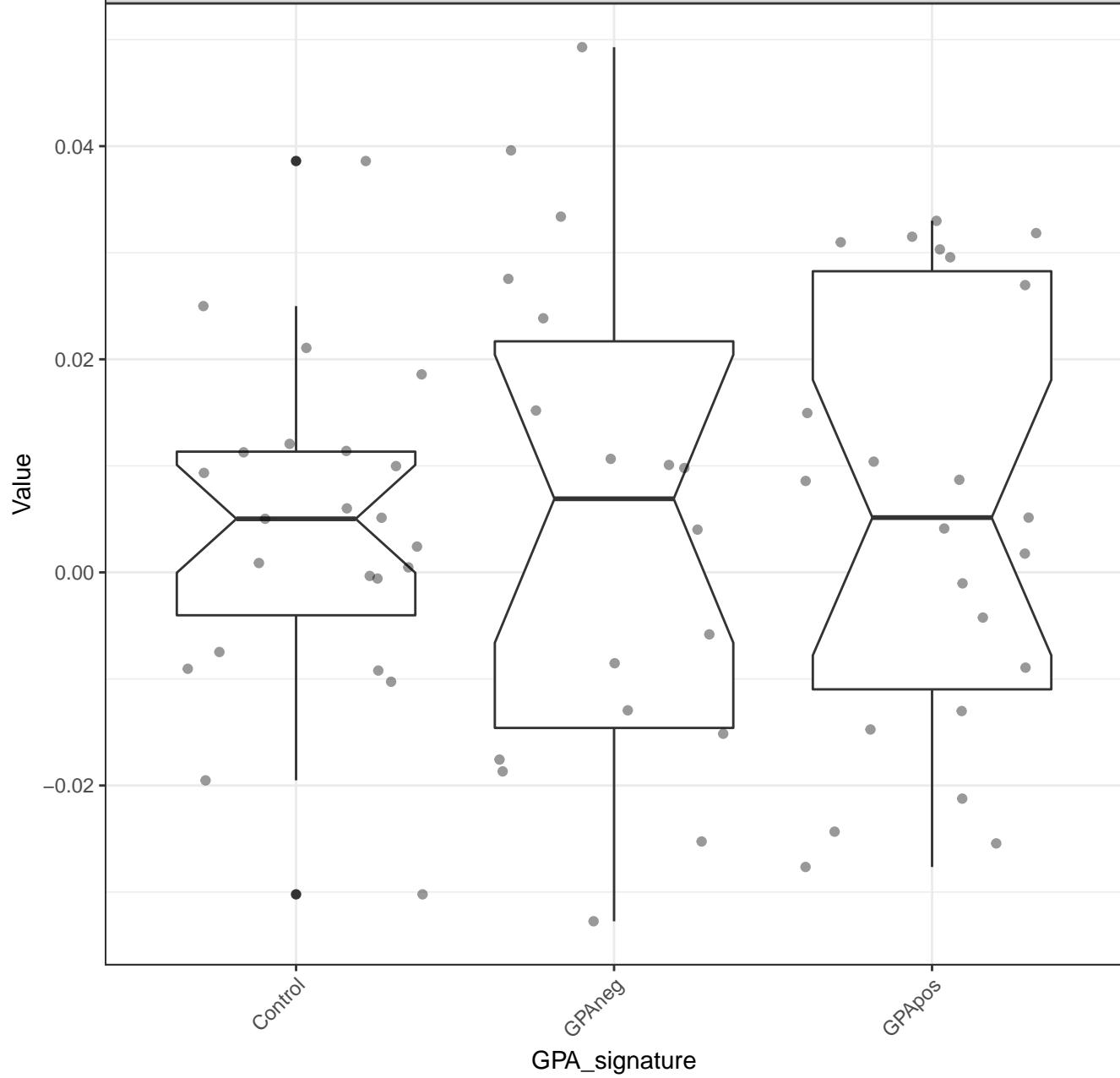
GPA_signature

GPAneg

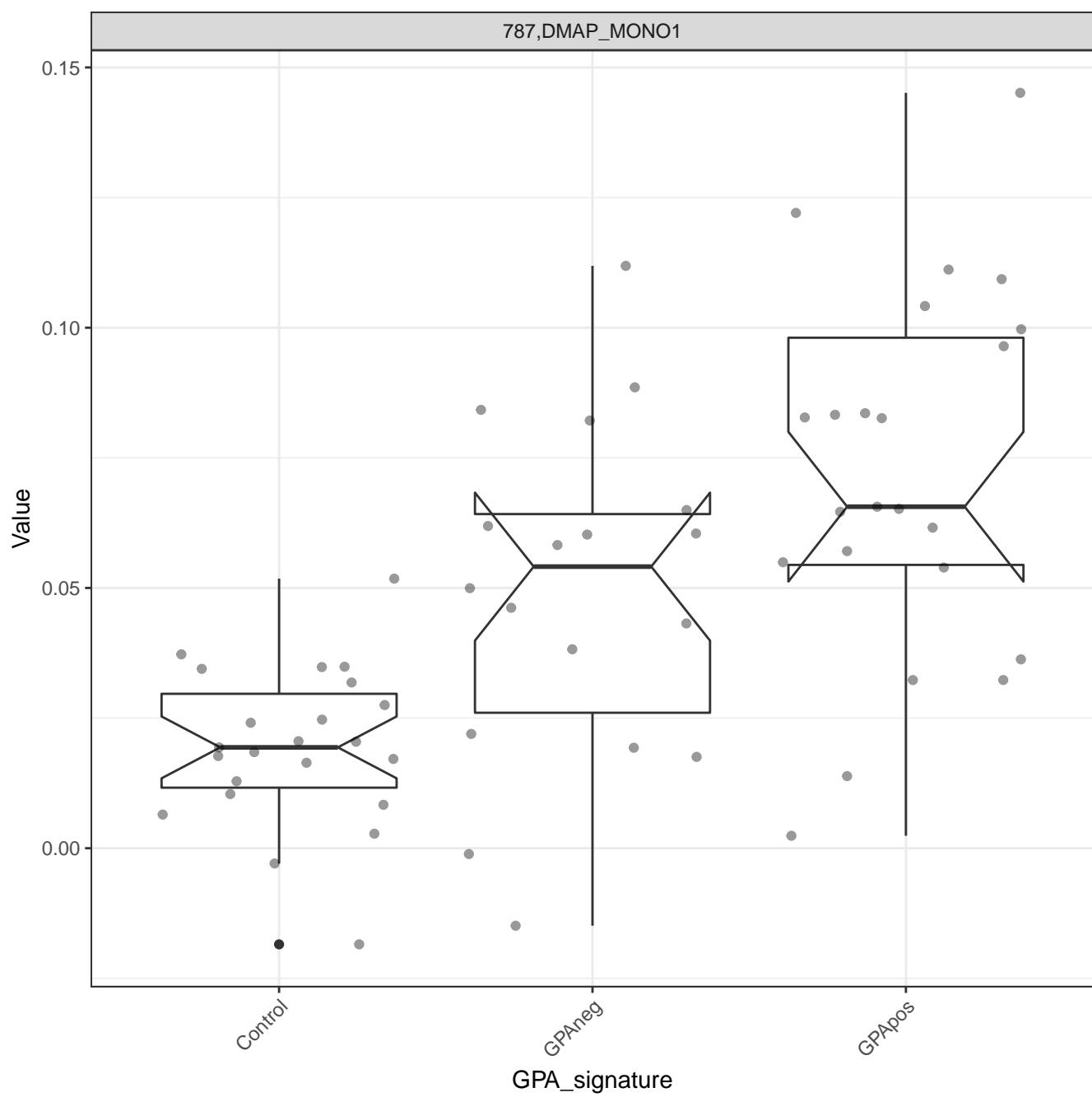
GPAPos



LV 786



787,DMAP_MONO1



LV 788

Value

0.050

0.025

0.000

-0.025

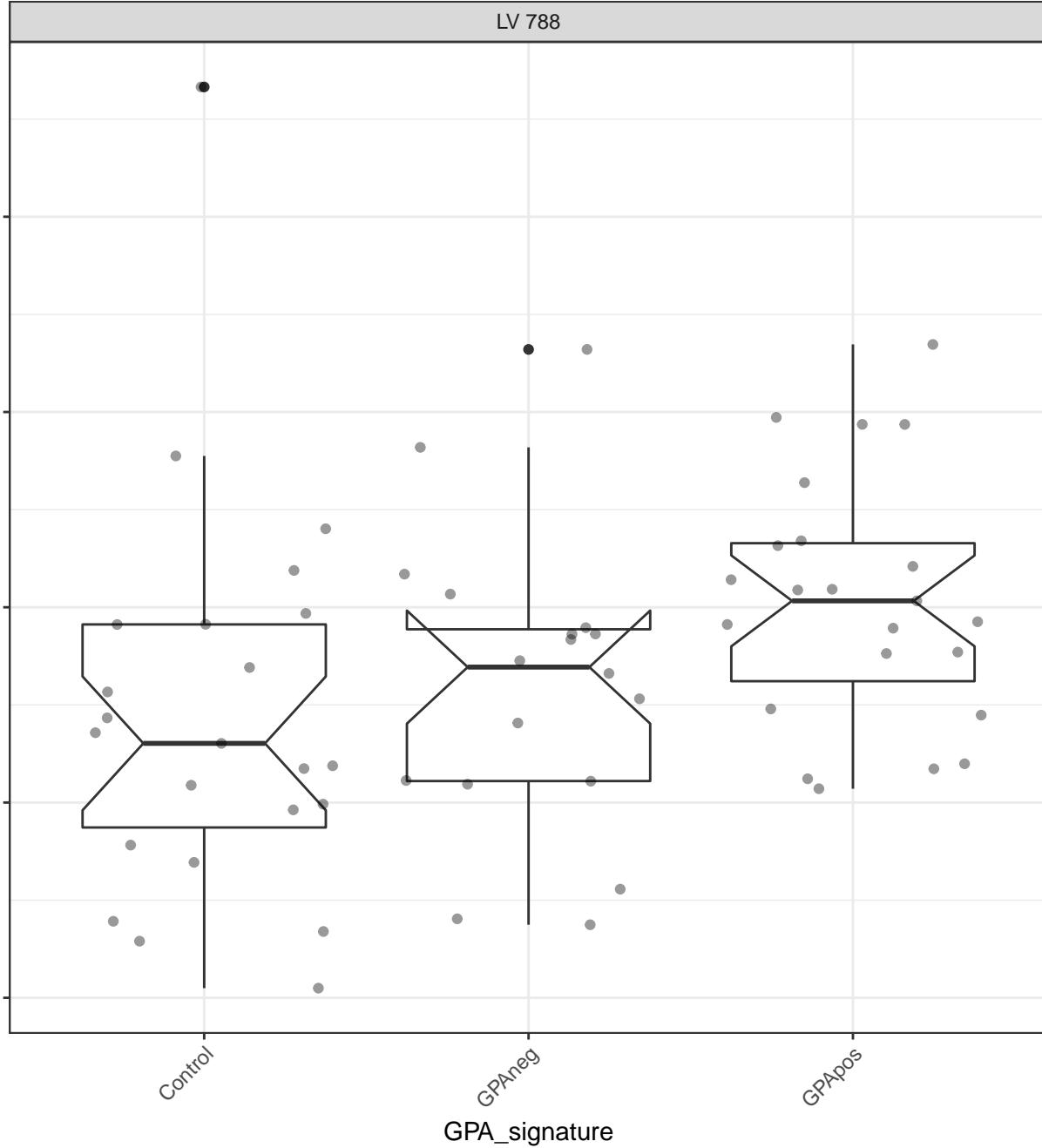
-0.050

Control

GPAneg

GPAPos

GPA_signature



LV 789

Value

0.06

0.03

0.00

-0.03

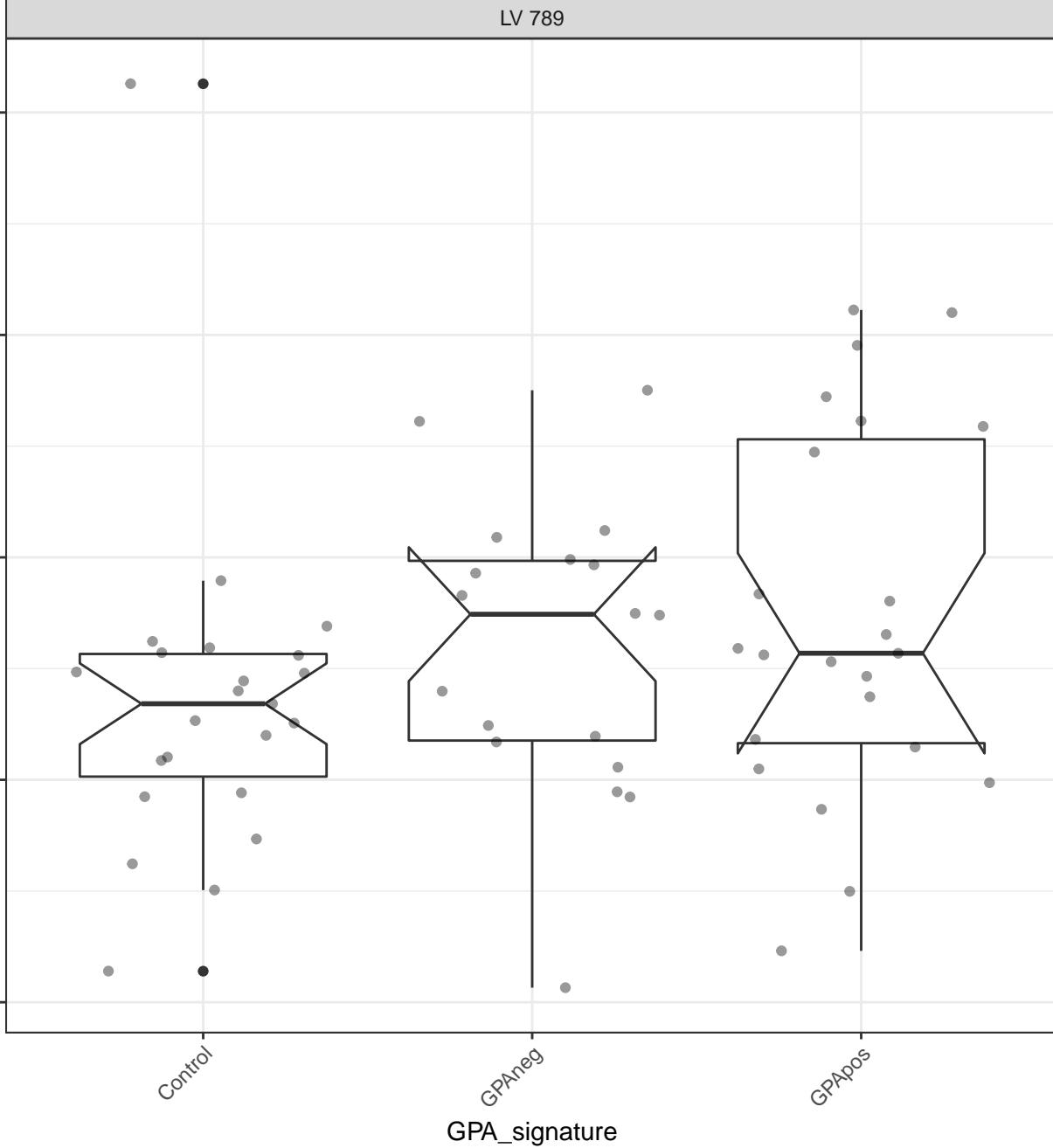
-0.06

Control

GPA_signature

GPAneg

GPApos



LV 790

Value

0.10

0.05

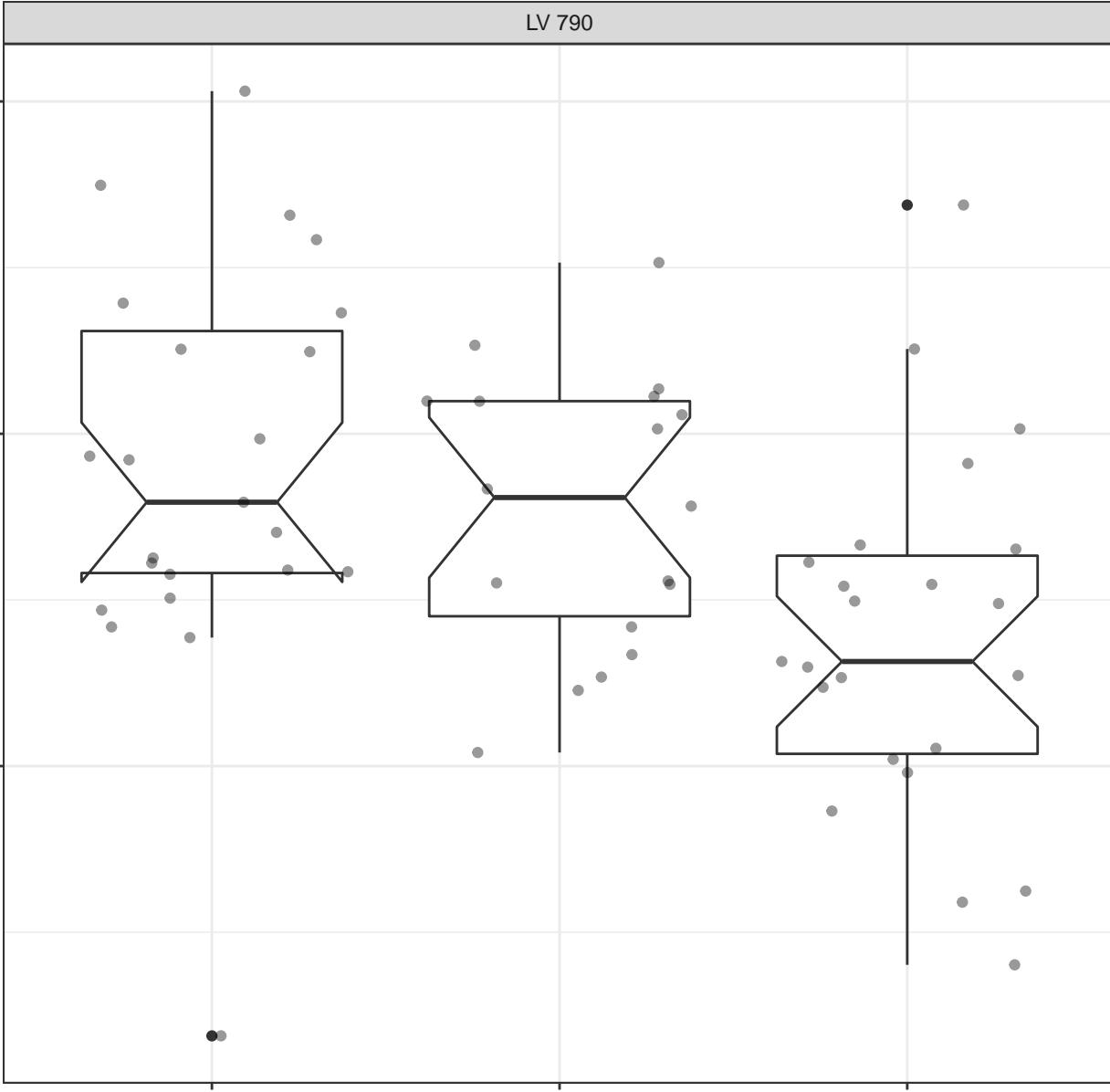
0.00

Control

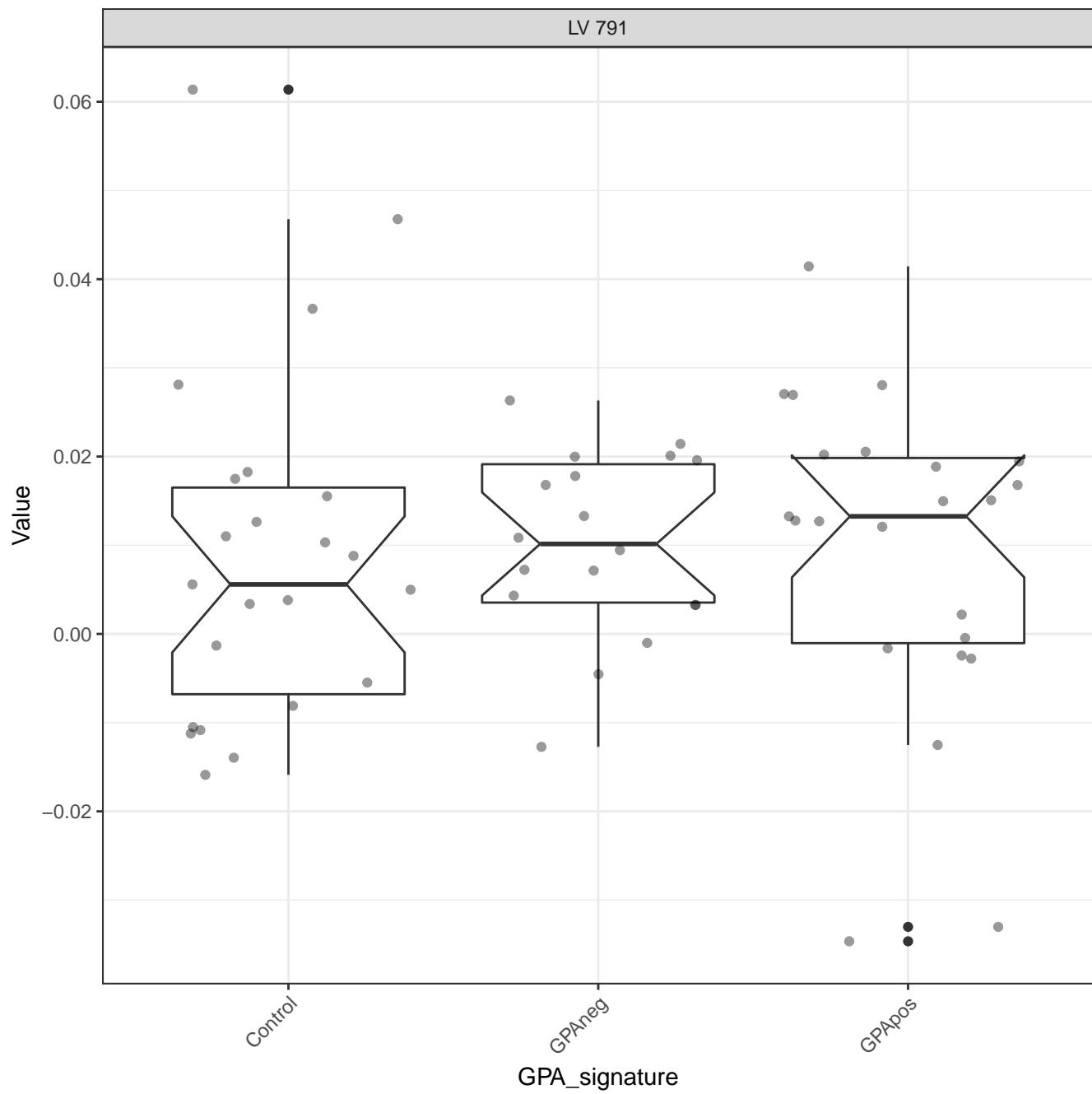
GPA_signature

GPAneg

GPAPos



LV 791



LV 792

Value

0.05

0.01

-0.05

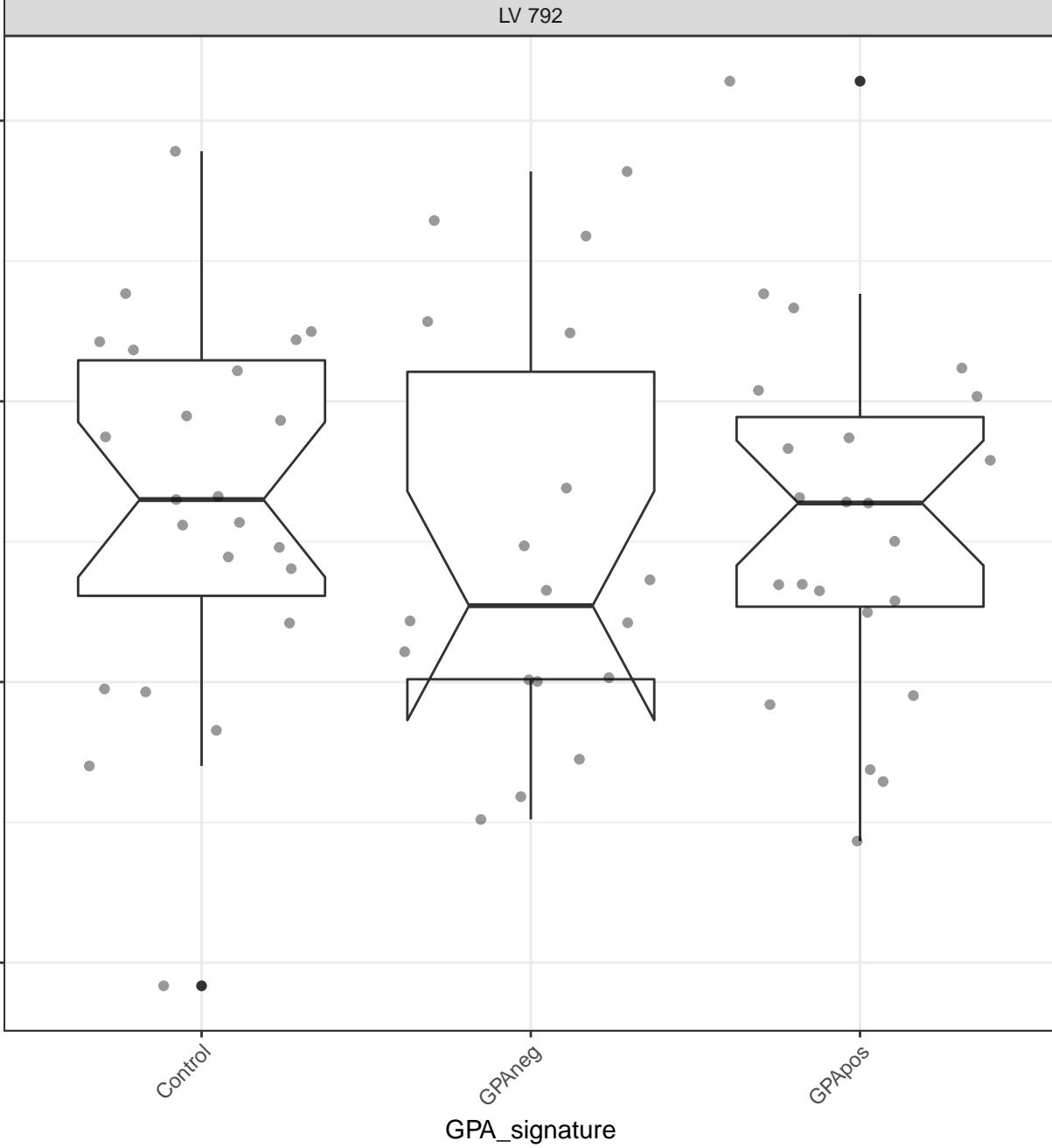
-0.10

Control

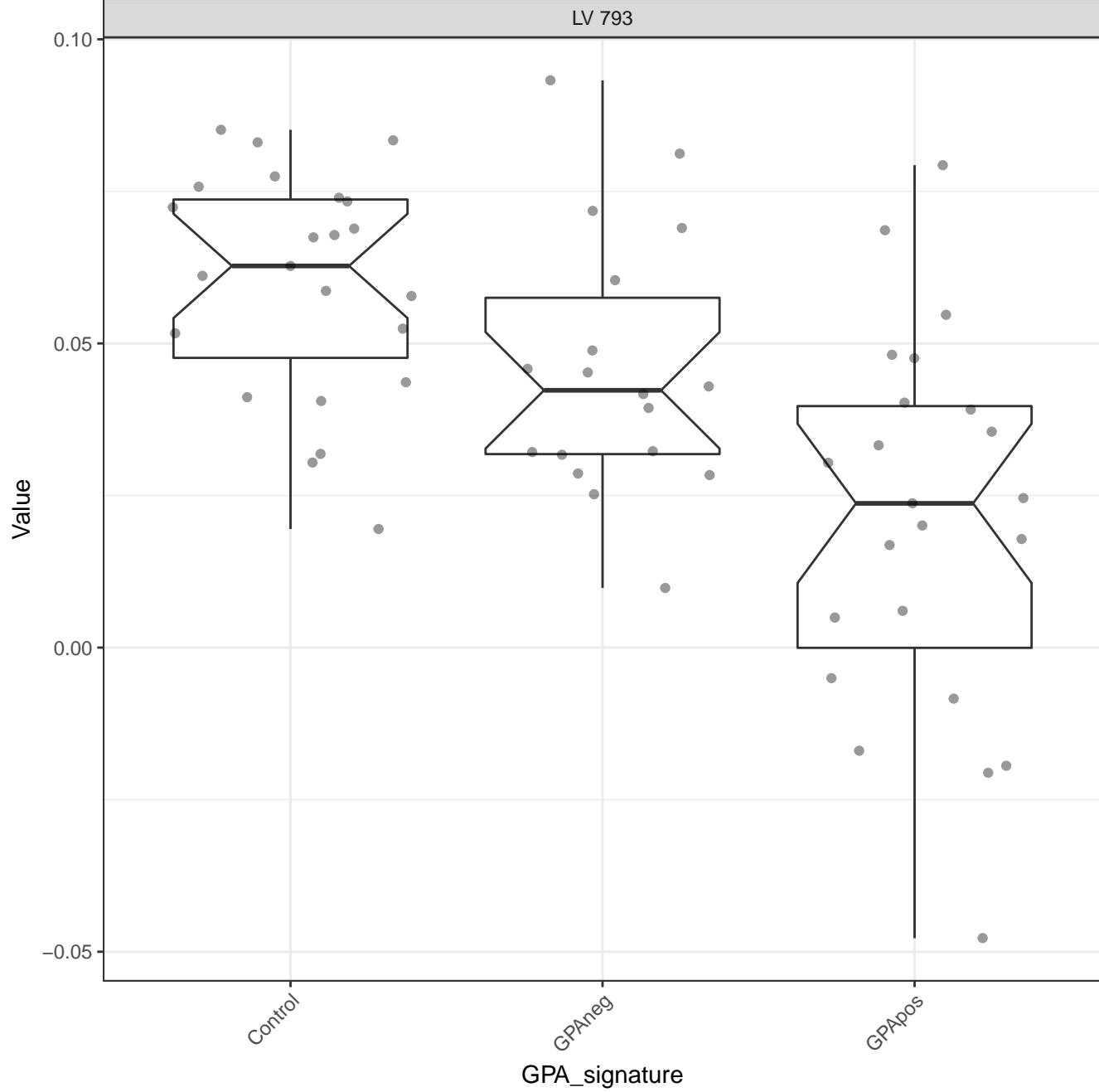
GPAneg

GPApos

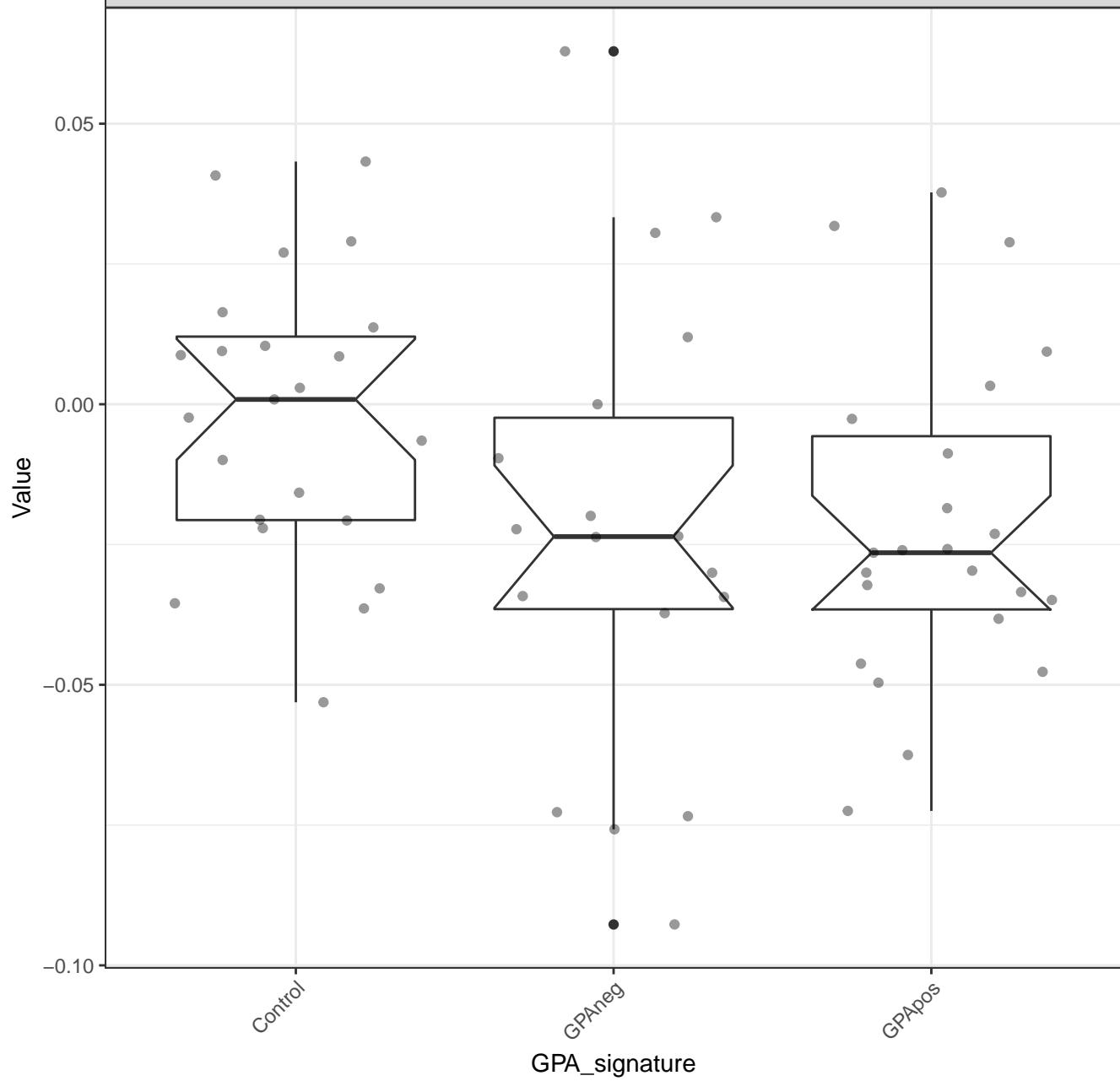
GPA_signature



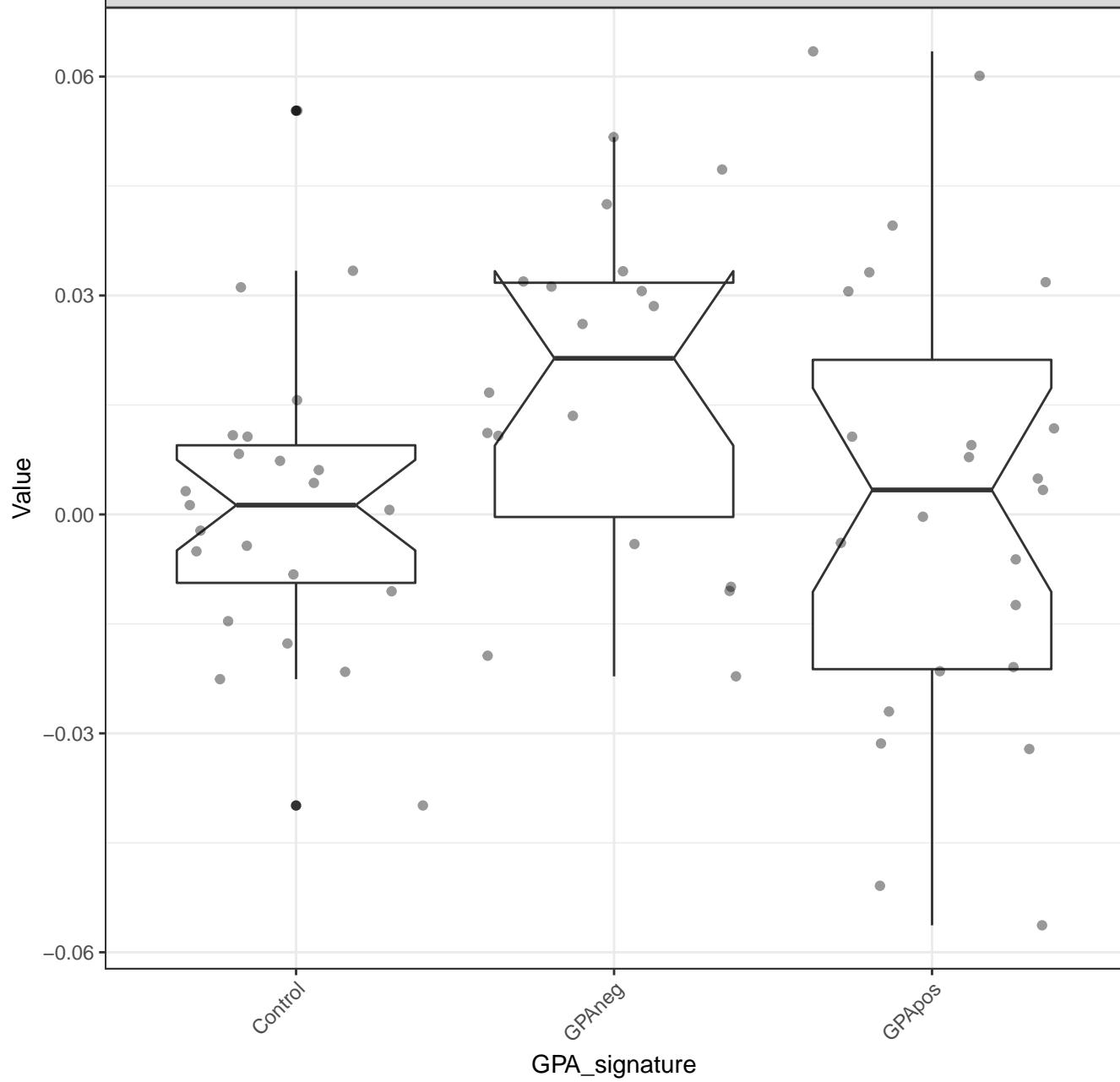
LV 793



LV 794



LV 795



LV 796

Value

0.05

0.00

-0.05

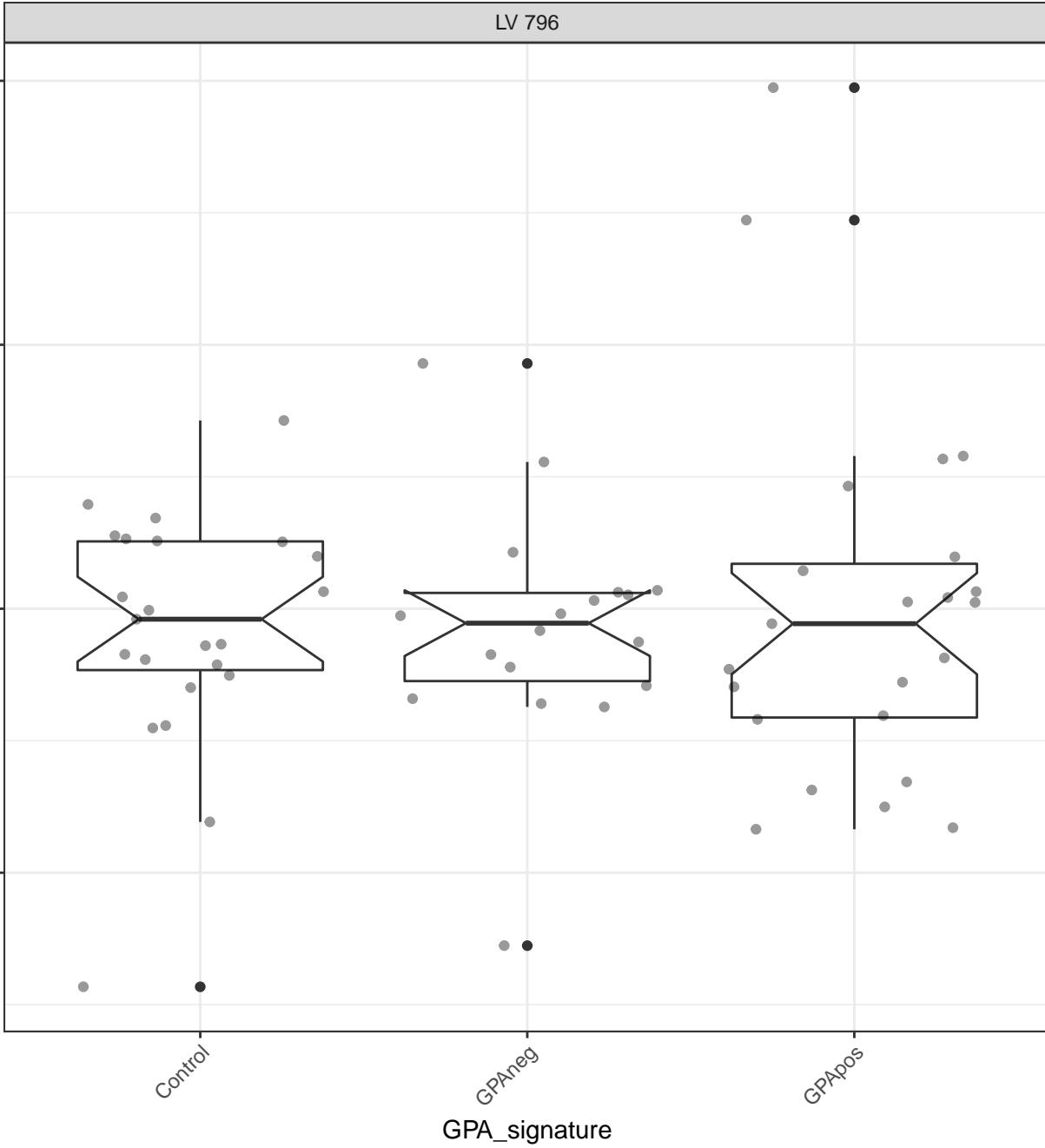
-0.10

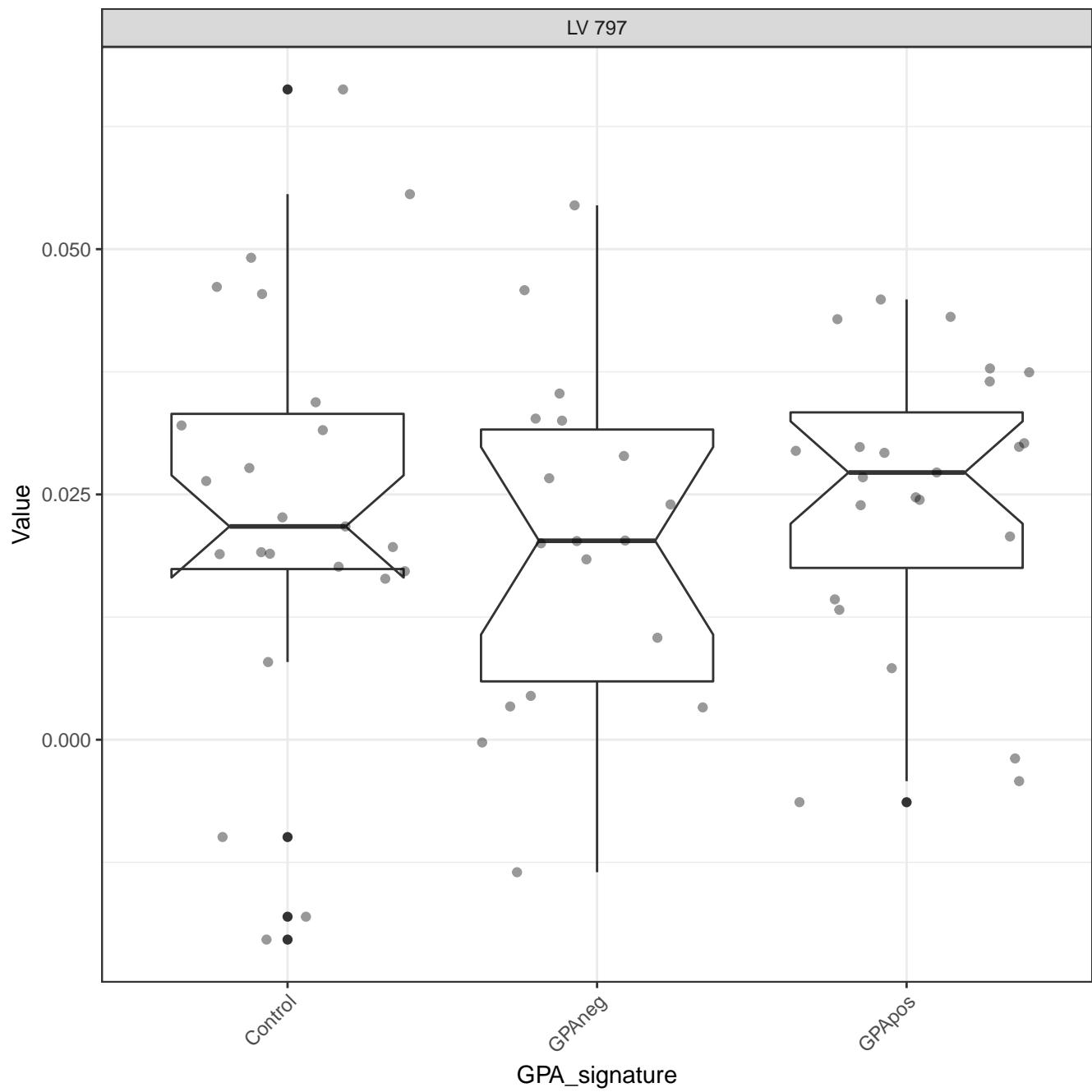
Control

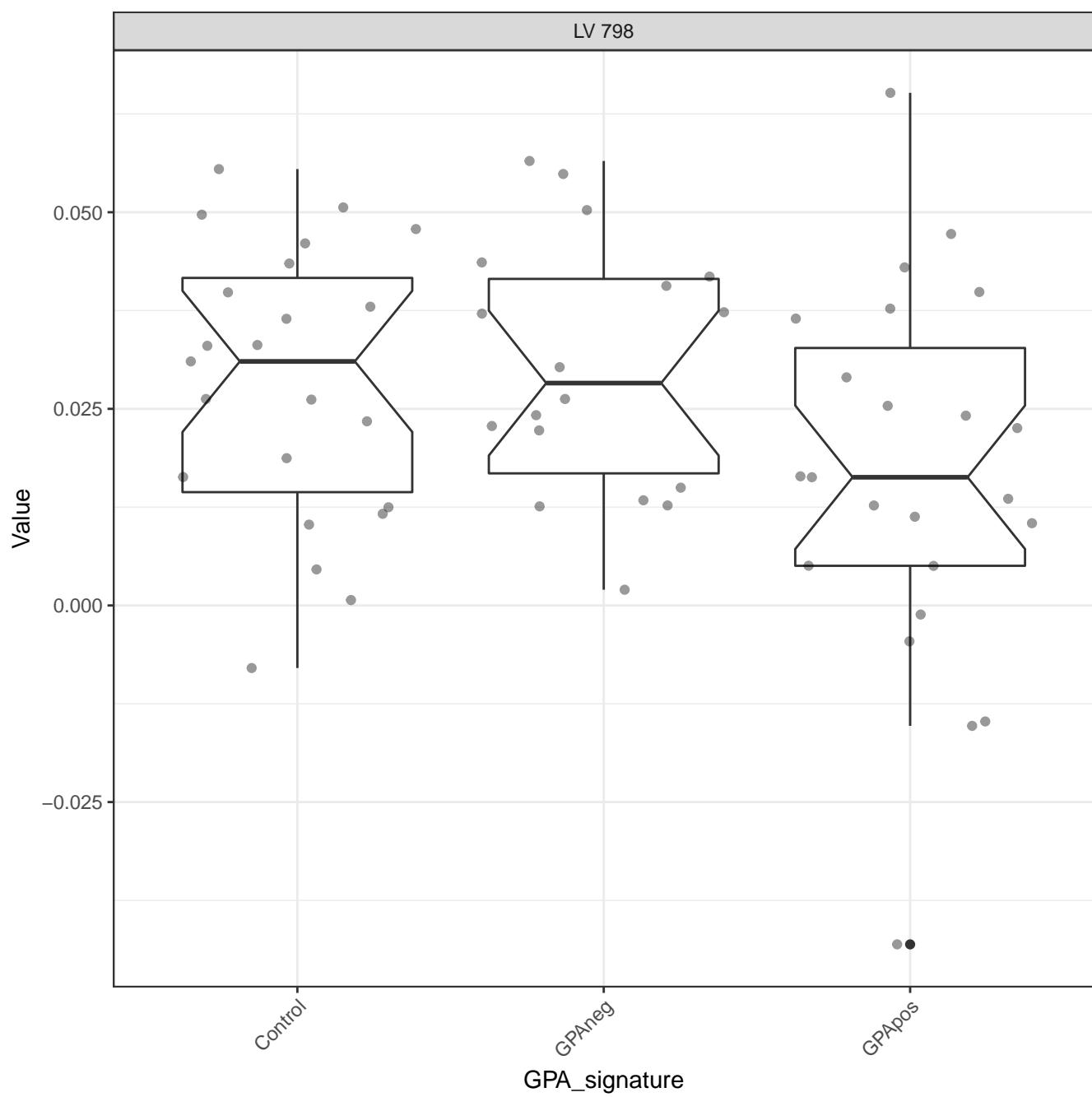
GPAneg

GPApos

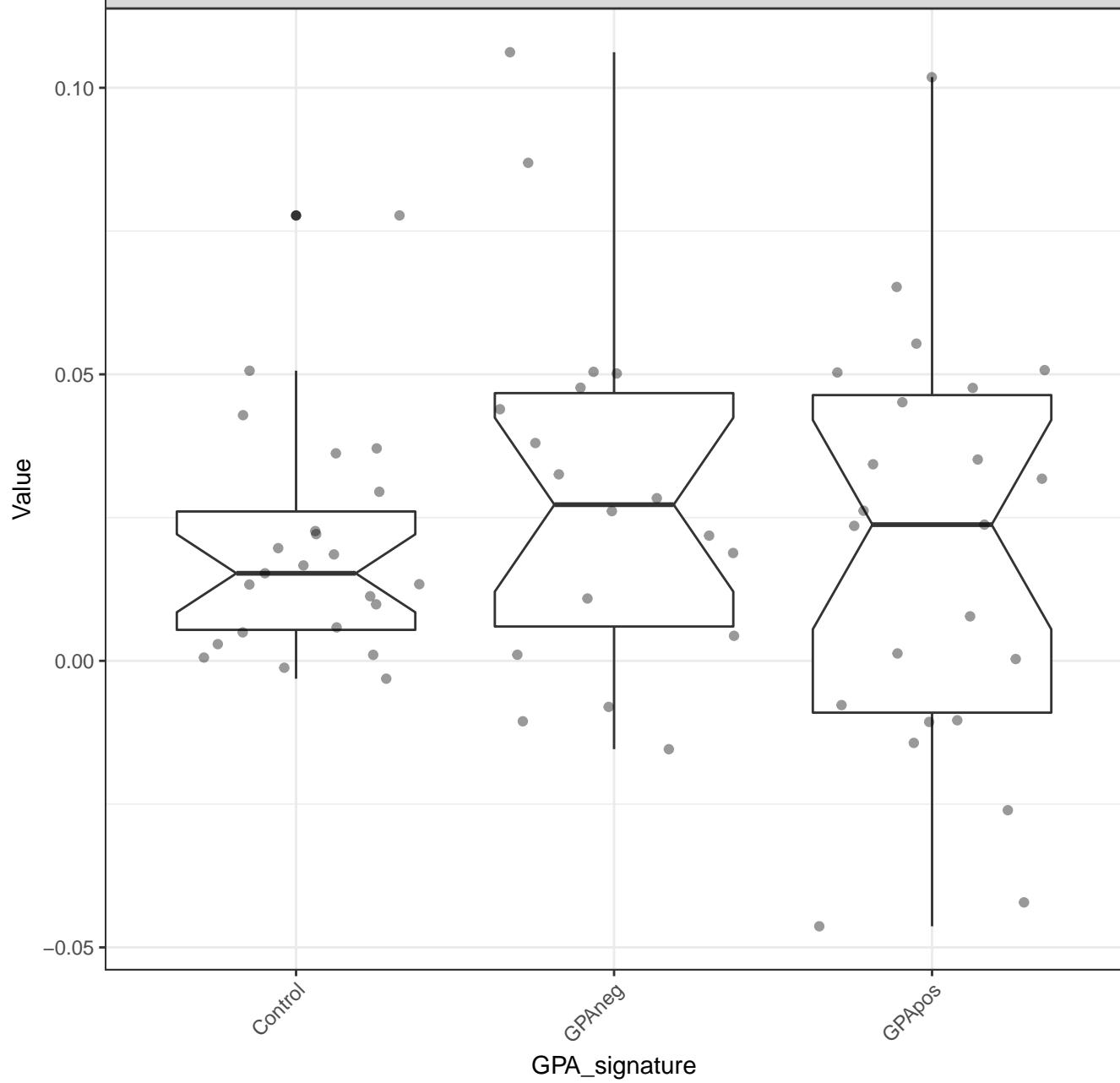
GPA_signature



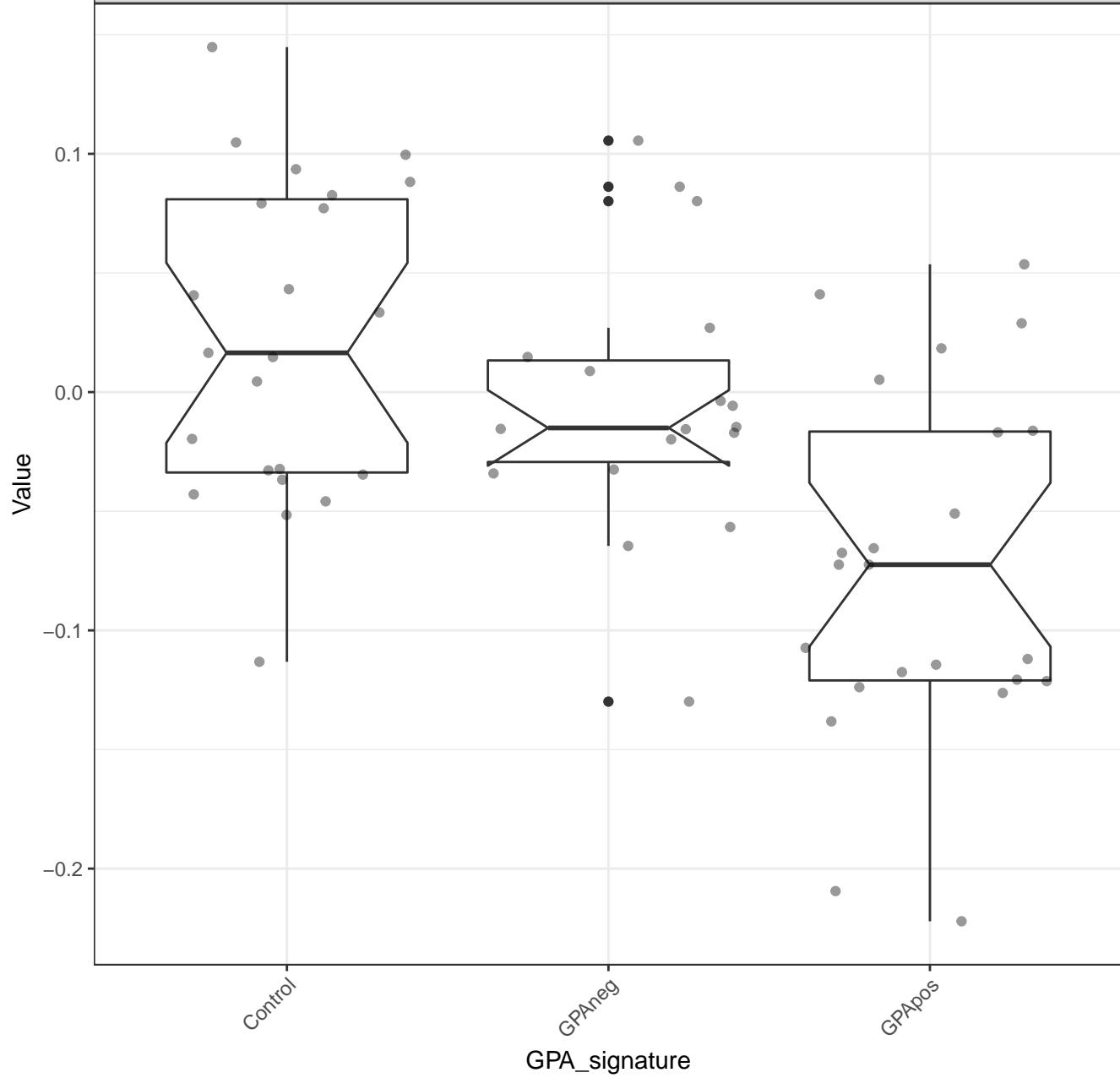




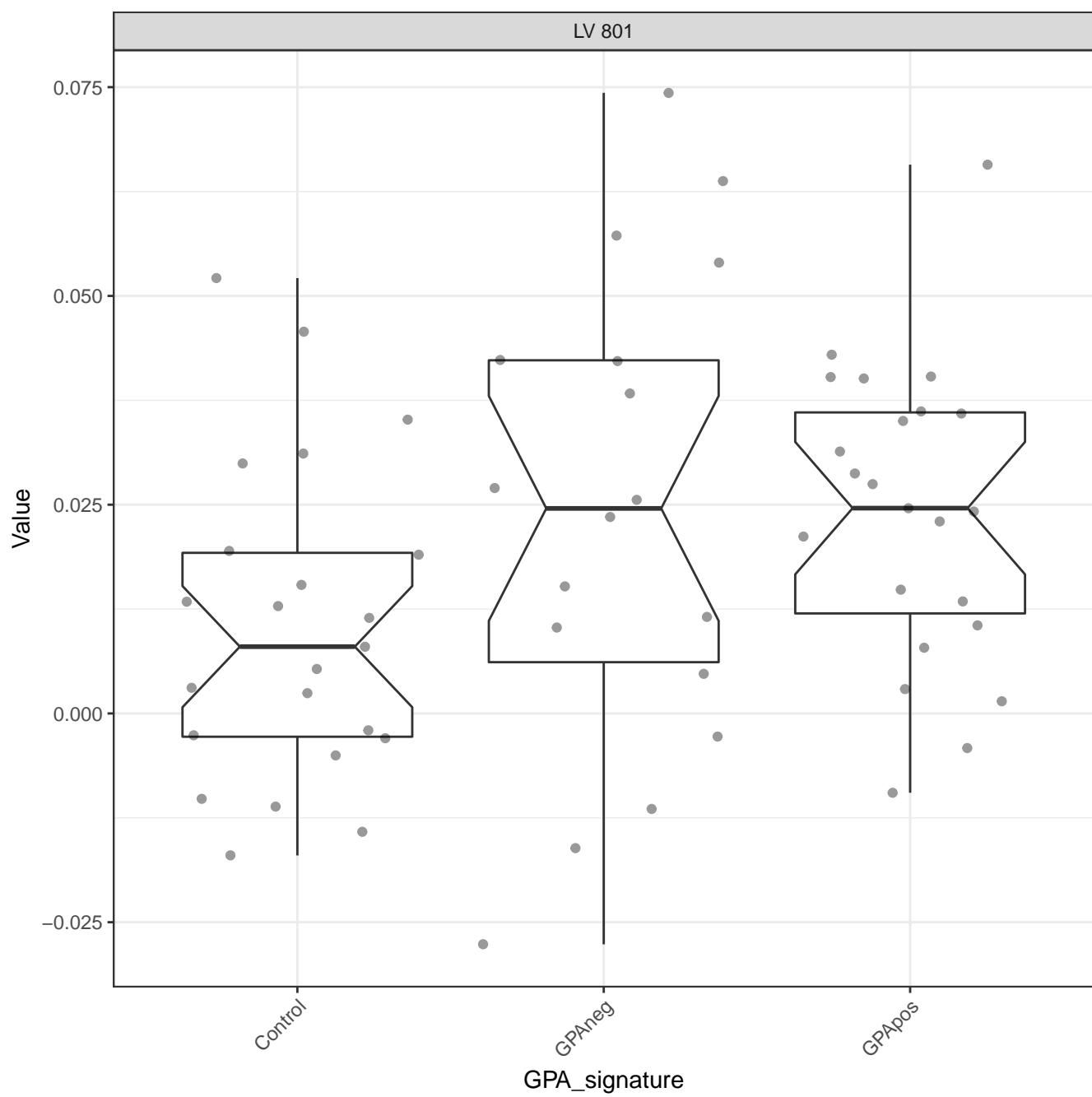
LV 799



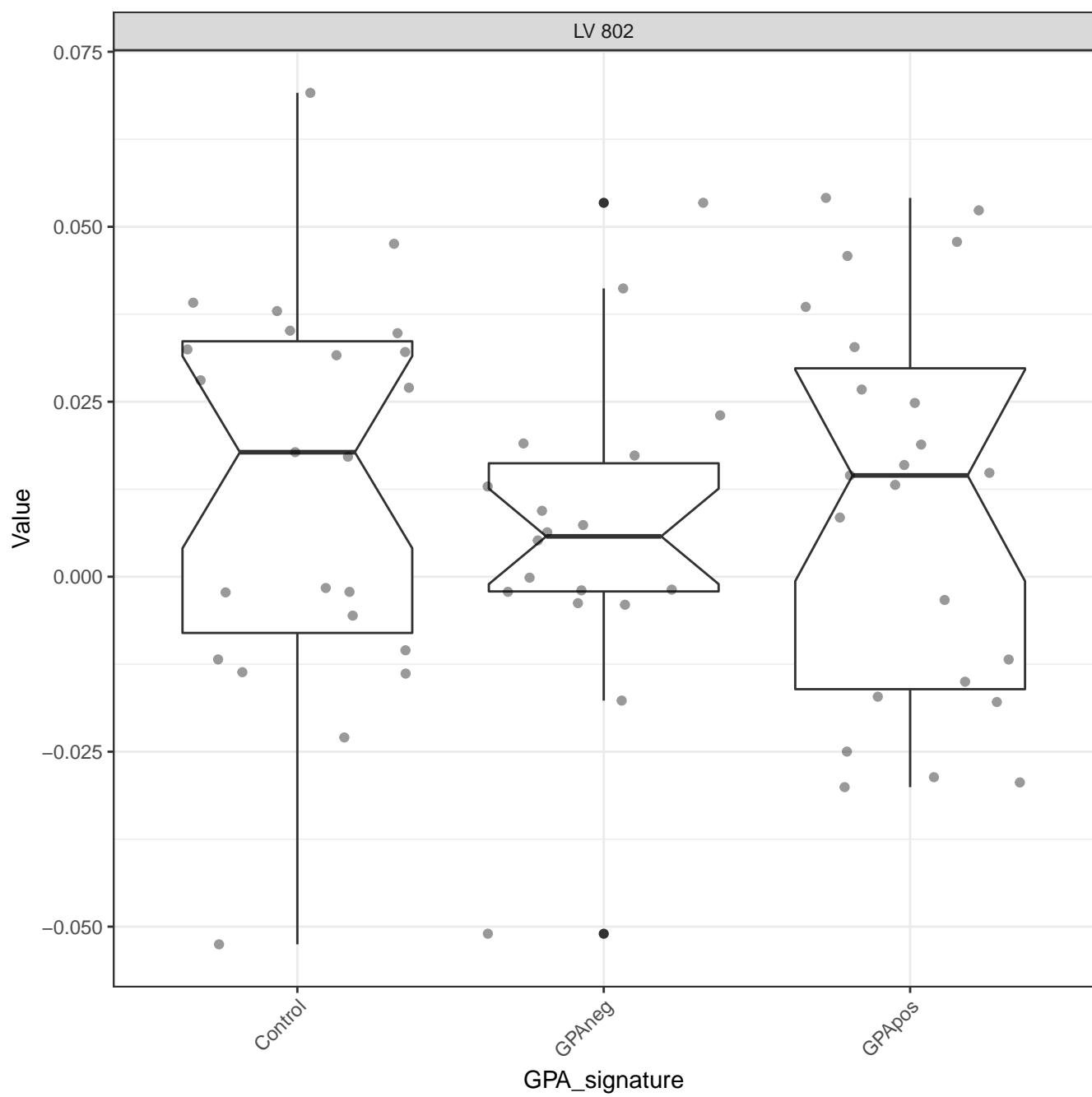
800,REACTOME_GENERIC_TRANSSCRIPTION_PATHWAY



LV 801



LV 802



LV 803

Value

0.05

0.00

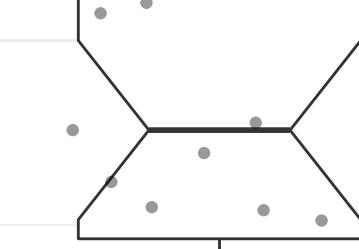
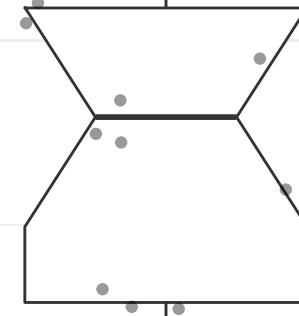
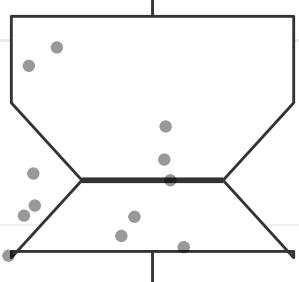
-0.05

Control

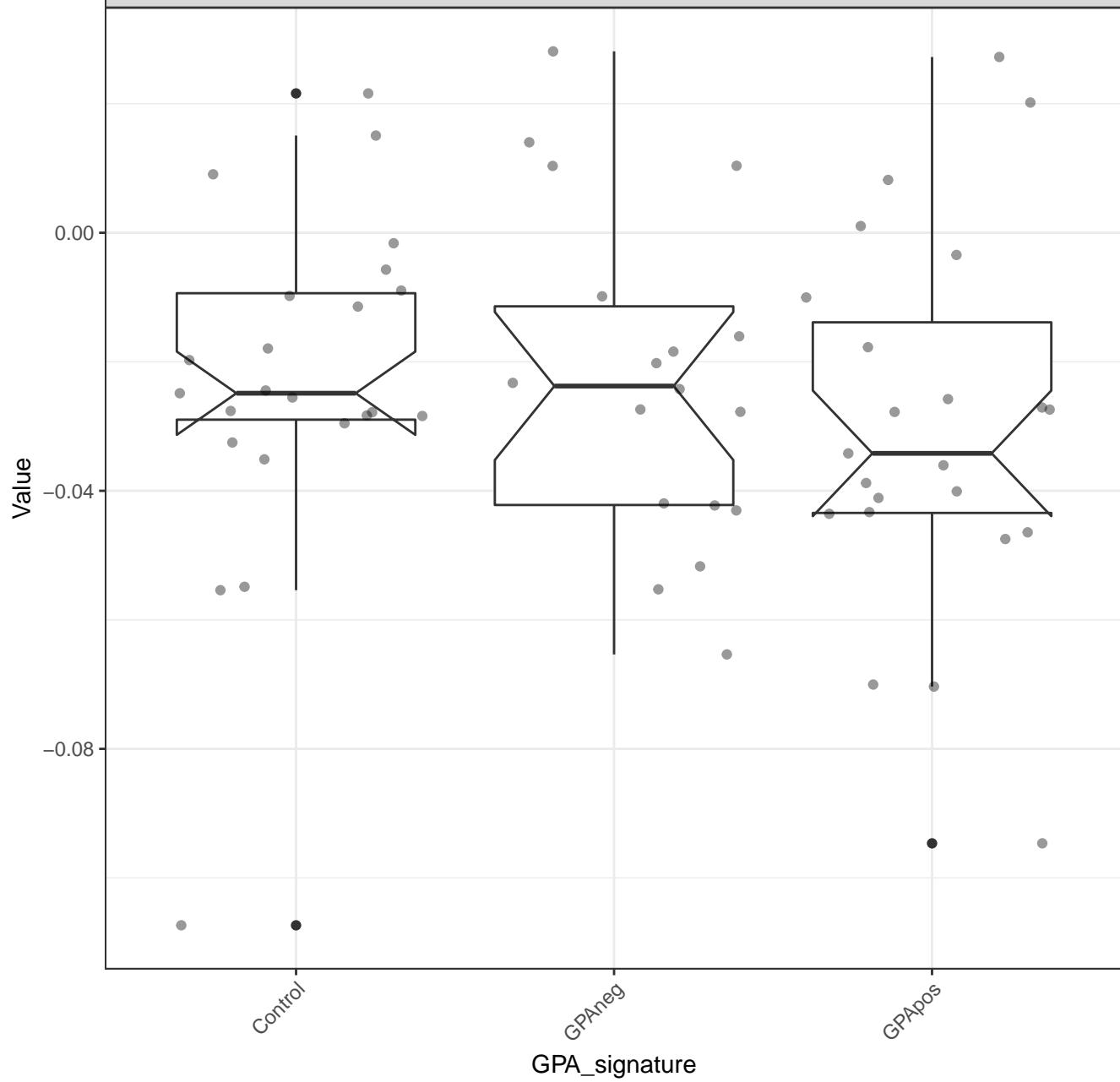
GPA_signature

GPAneg

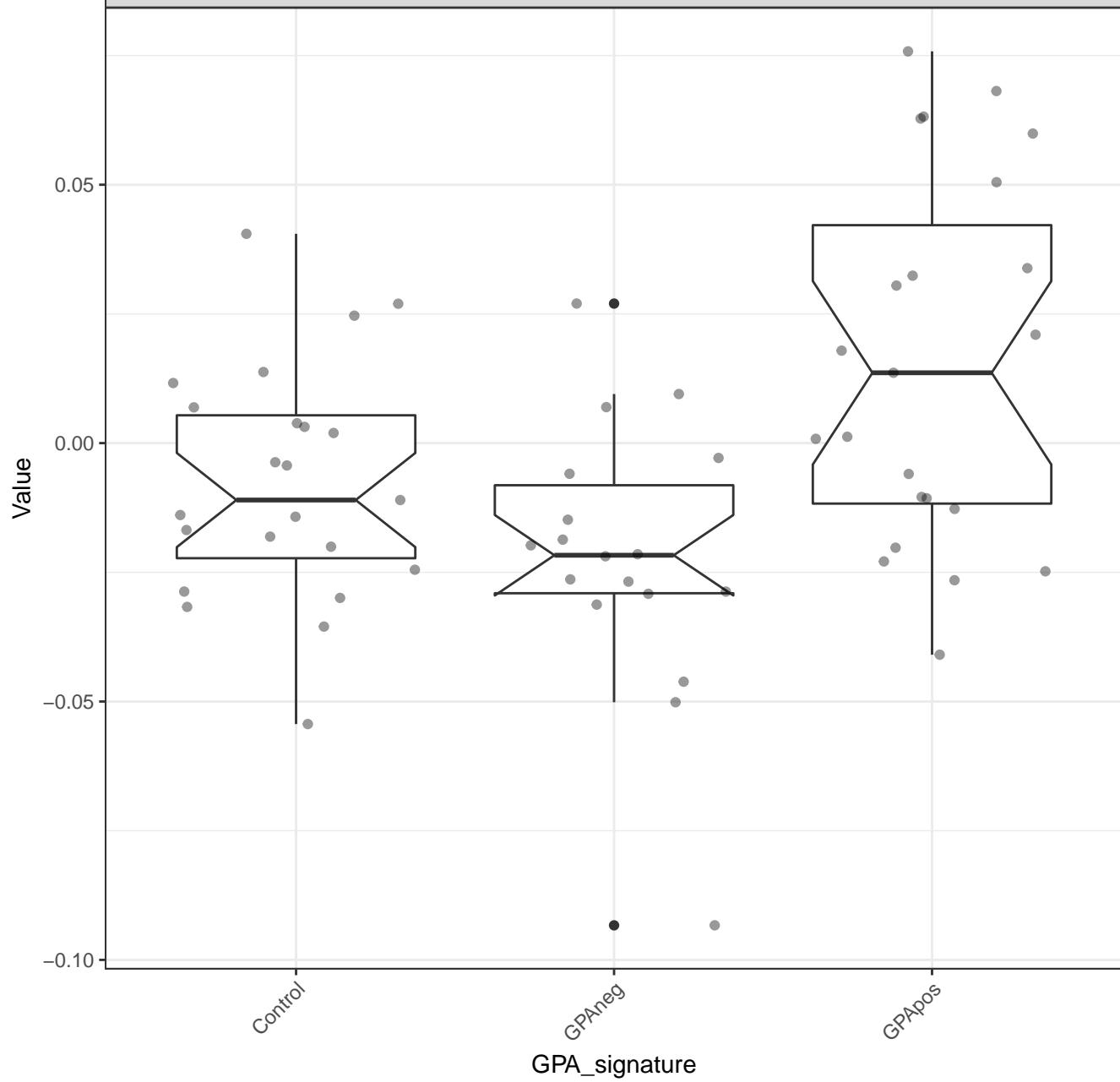
GPApos



LV 804



LV 805



LV 806

Value

0.05

0.00

-0.05

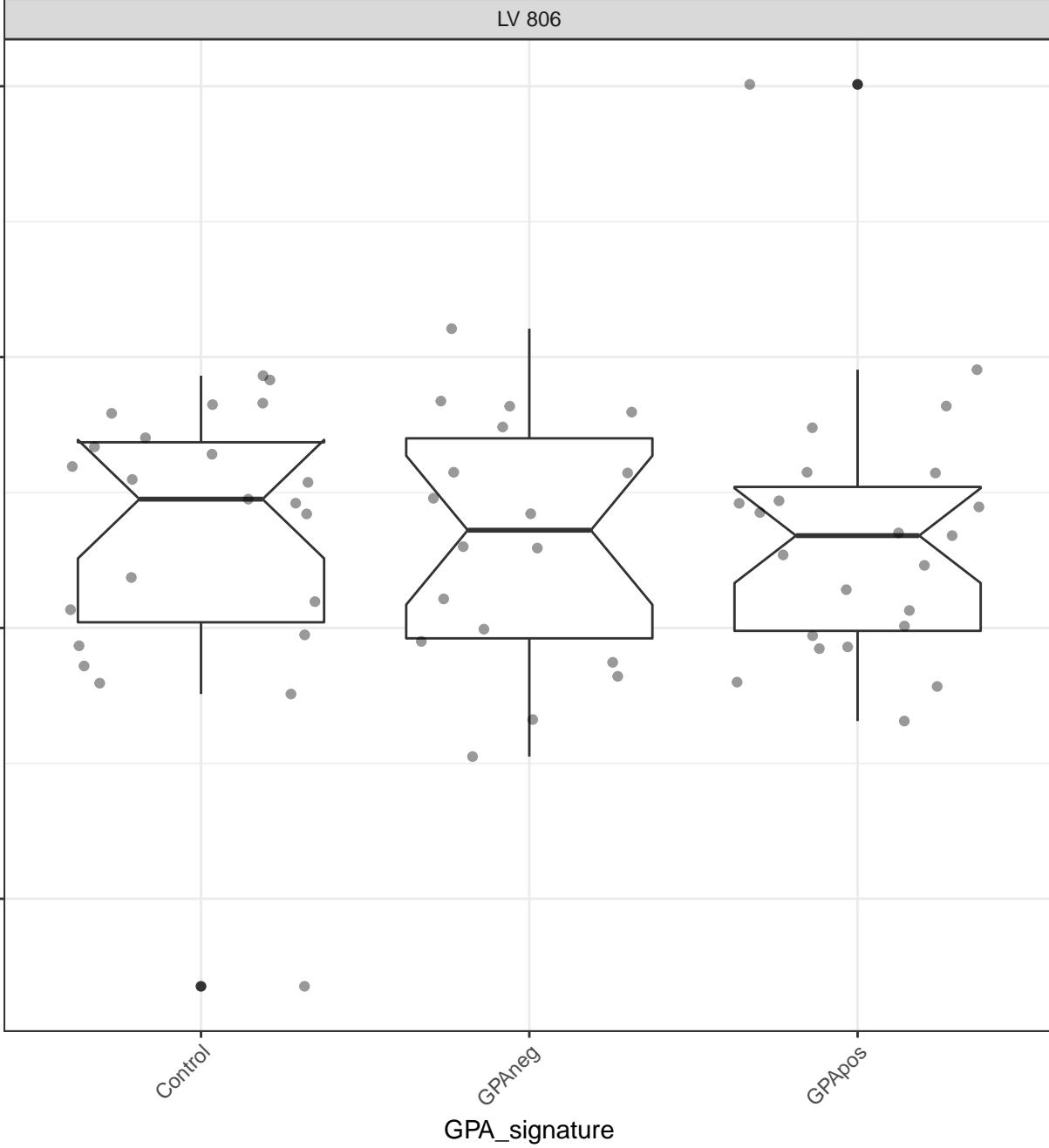
-0.10

Control

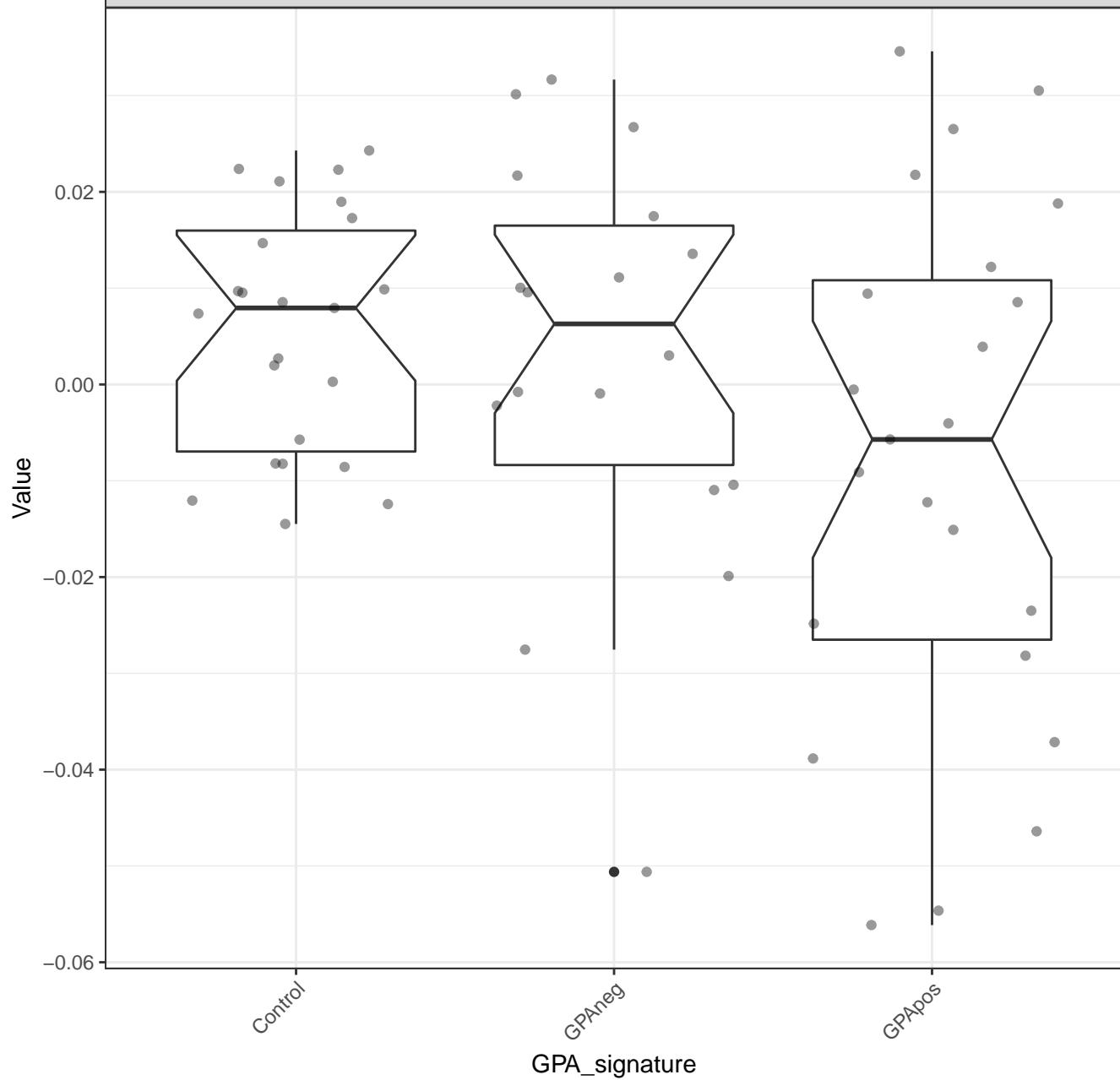
GPAneg

GPApos

GPA_signature



LV 807



LV 808

Value

0.02

0.00

-0.02

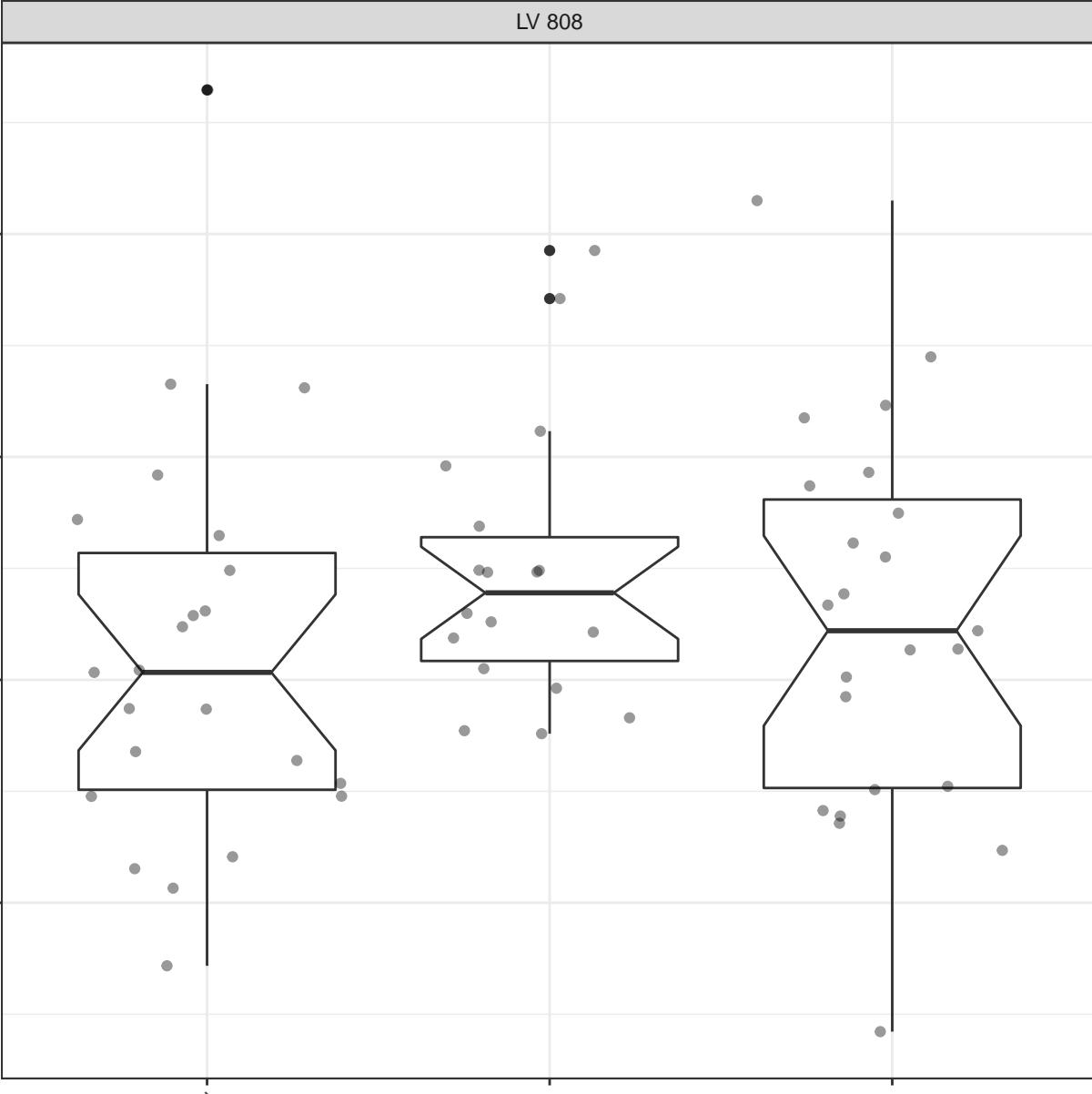
-0.04

Control

GPA_signature

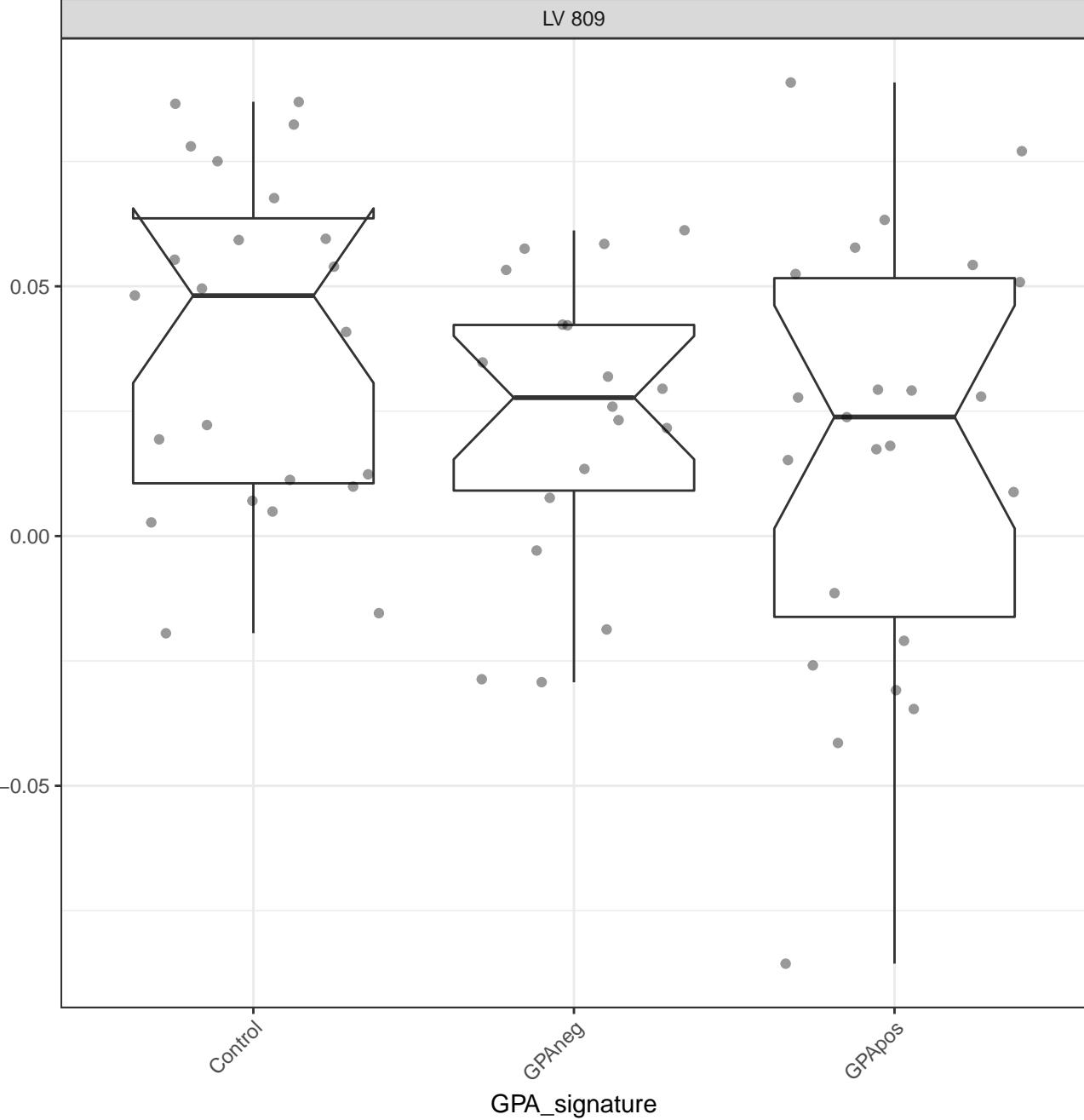
GPAneg

GPApos

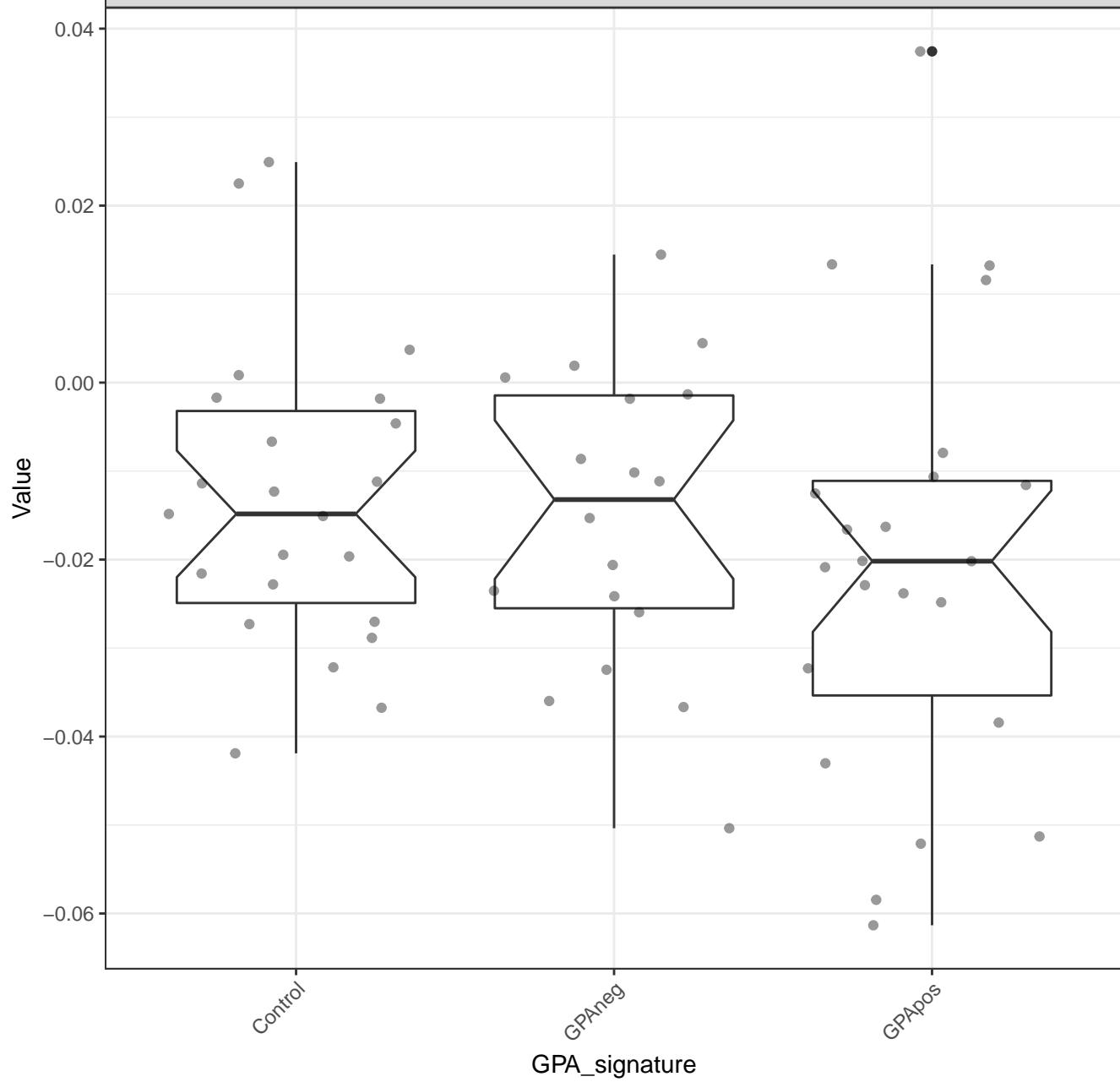


LV 809

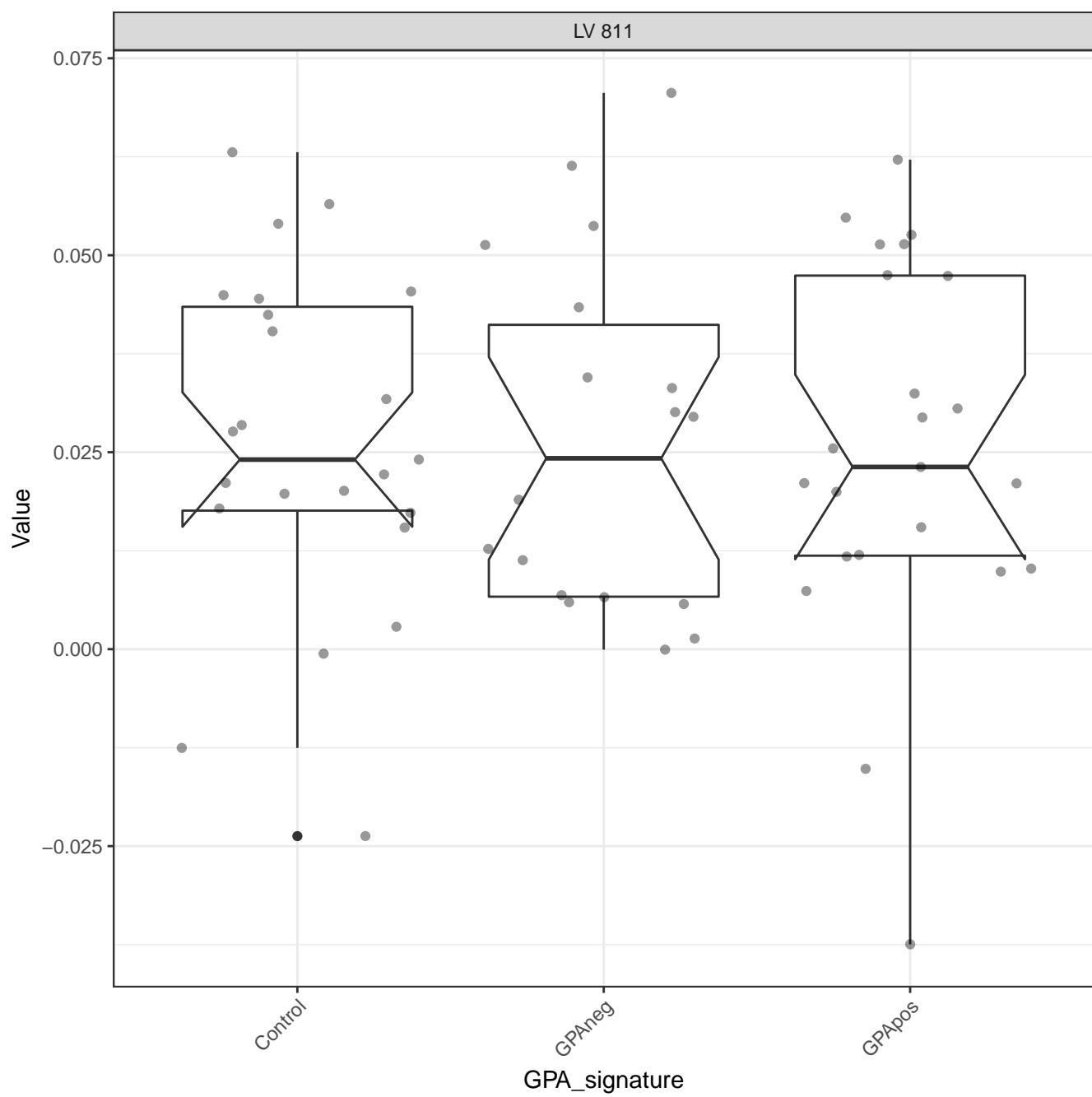
Value

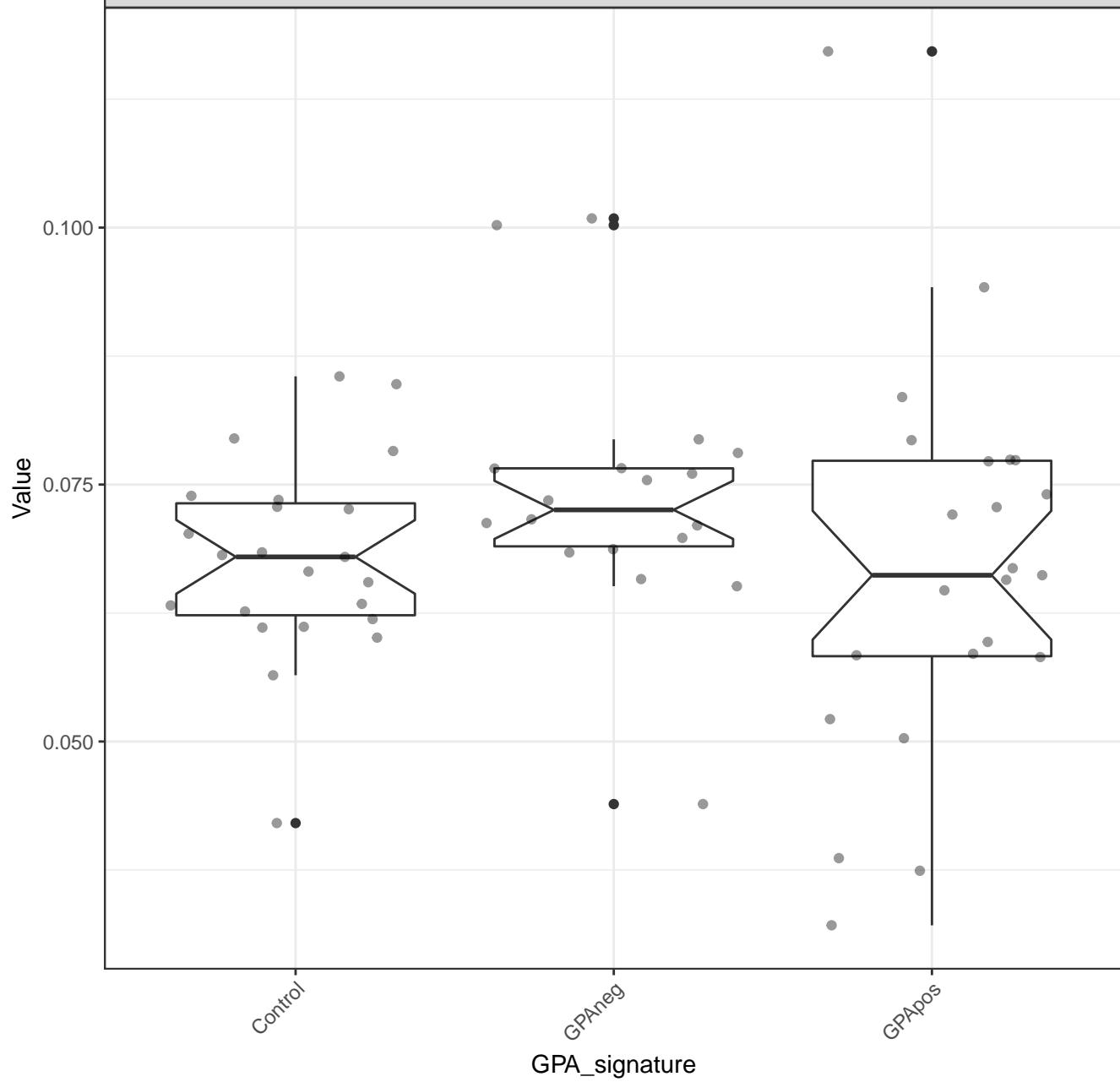


LV 810

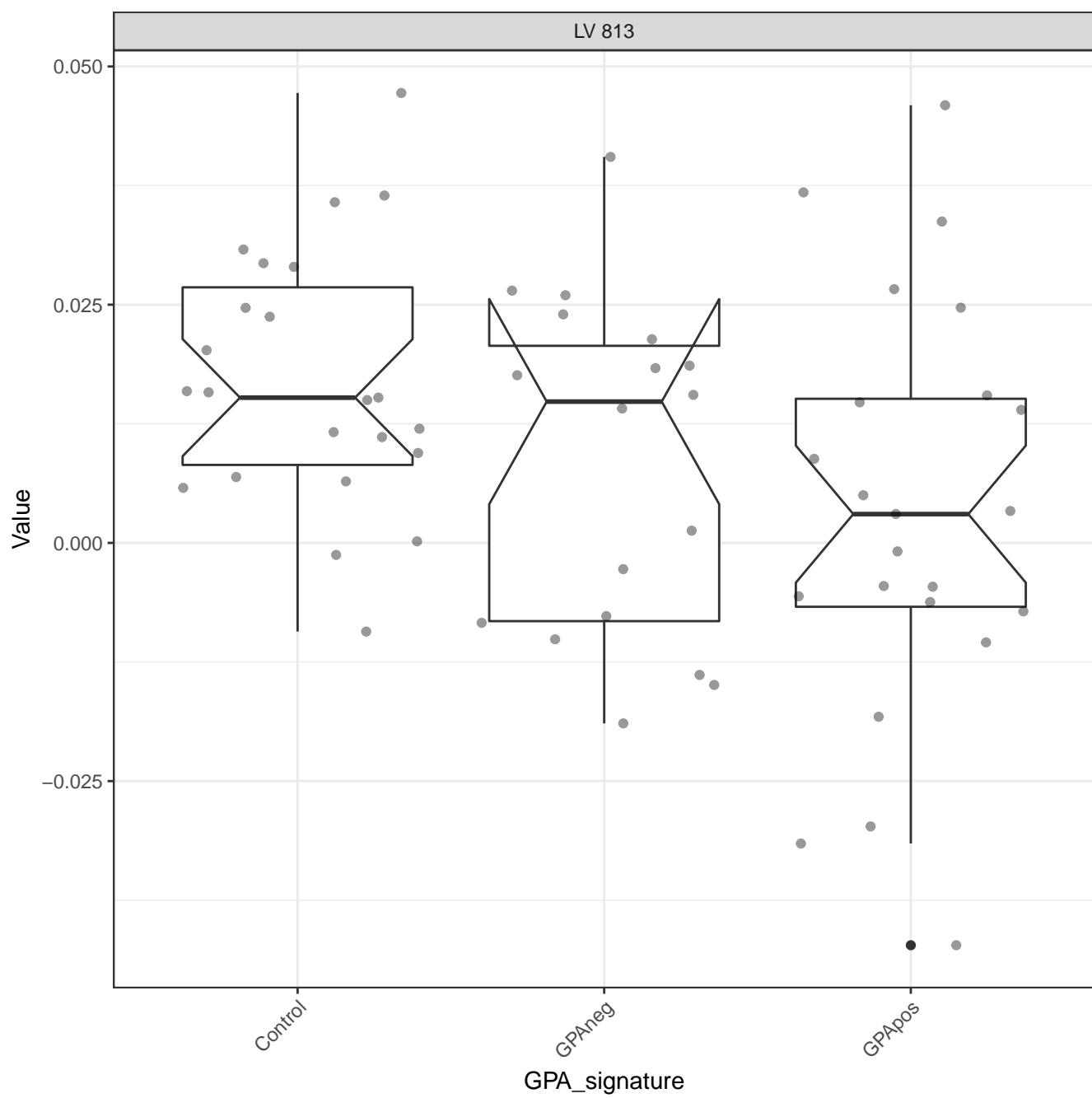


LV 811





LV 813



LV 814

Value

0.050

0.025

0.000

-0.025

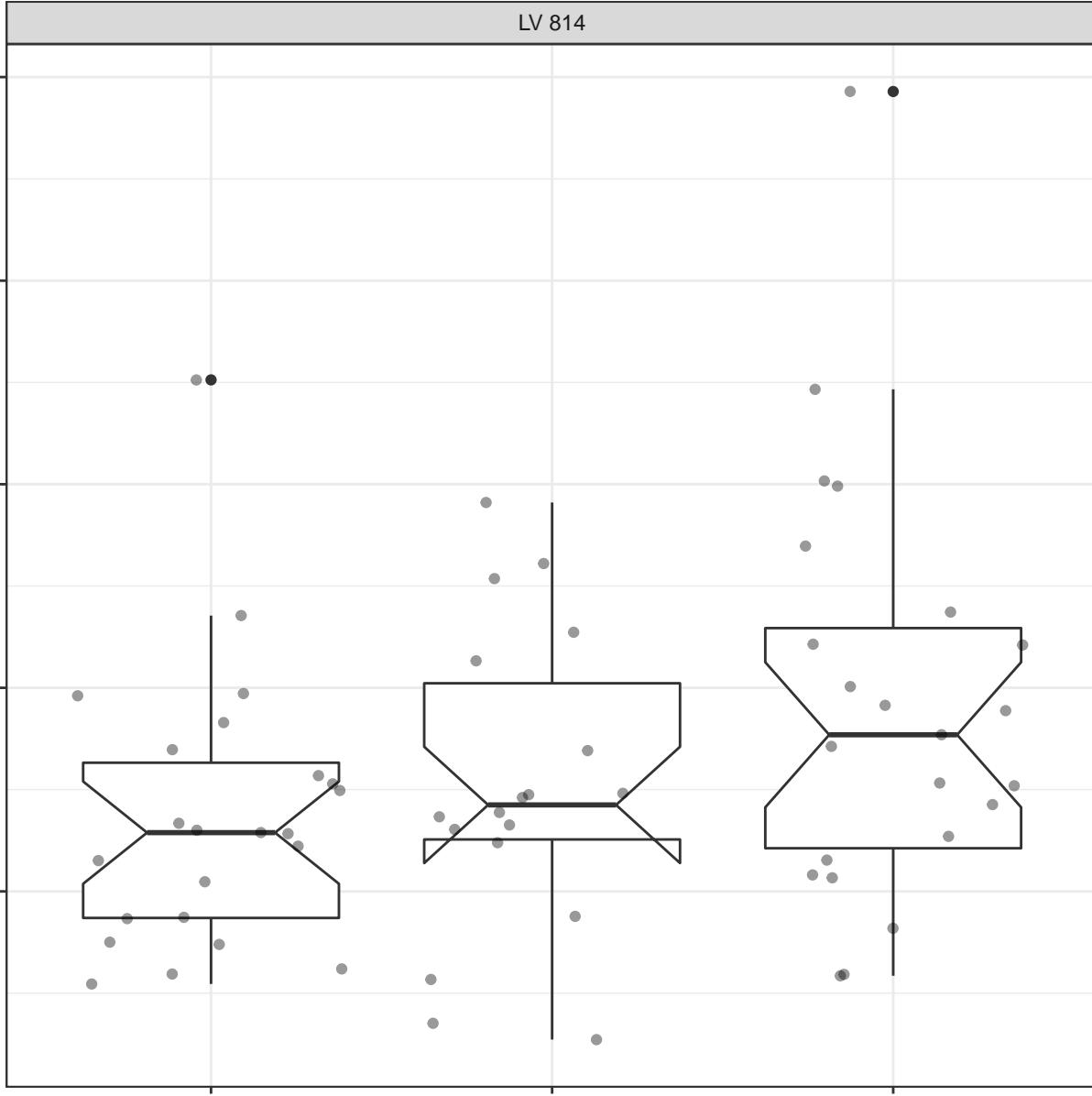
-0.050

Control

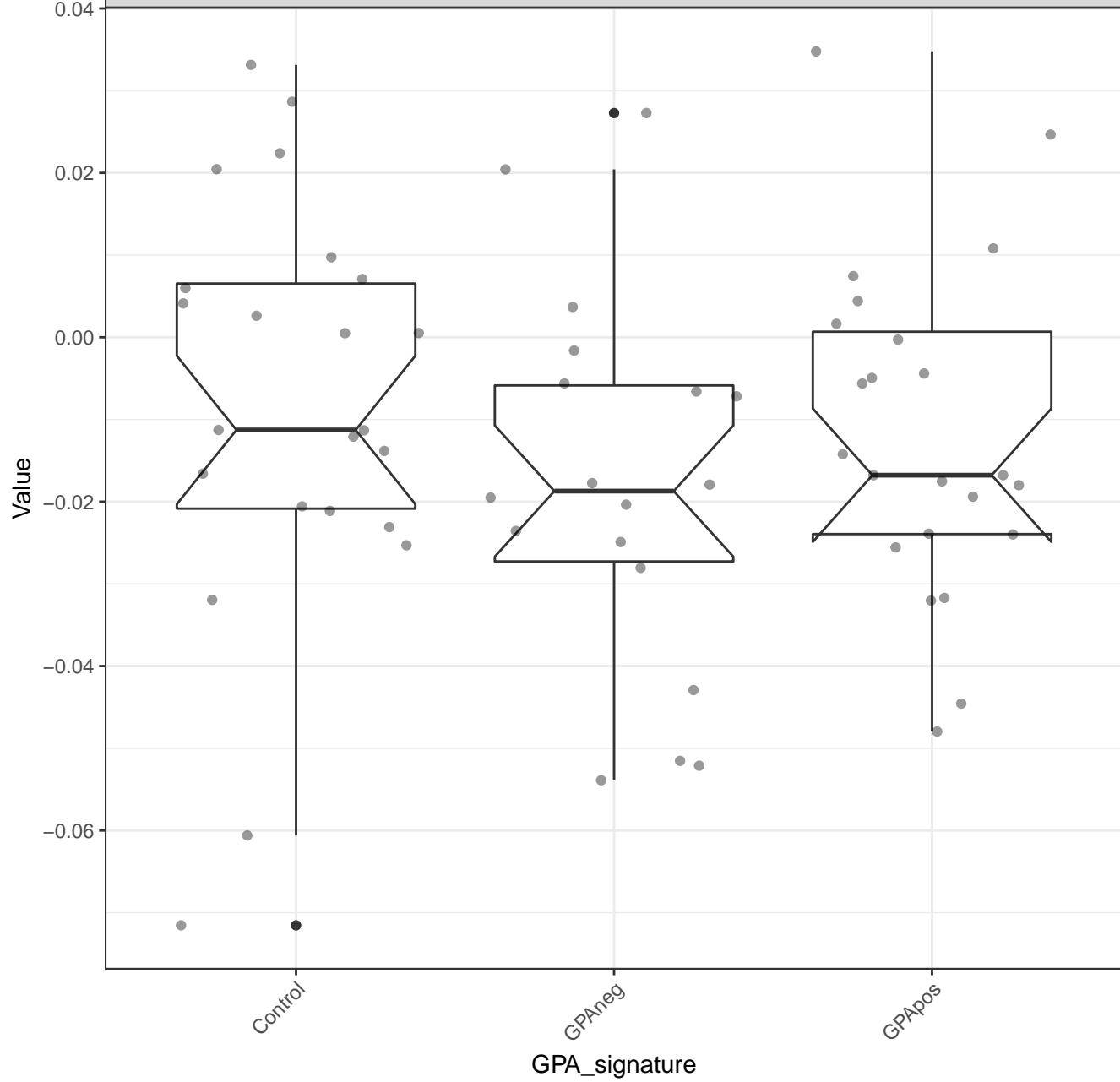
GPA_signature

GPAneg

GPApos



LV 815



LV 816

Value

0.05

0.01

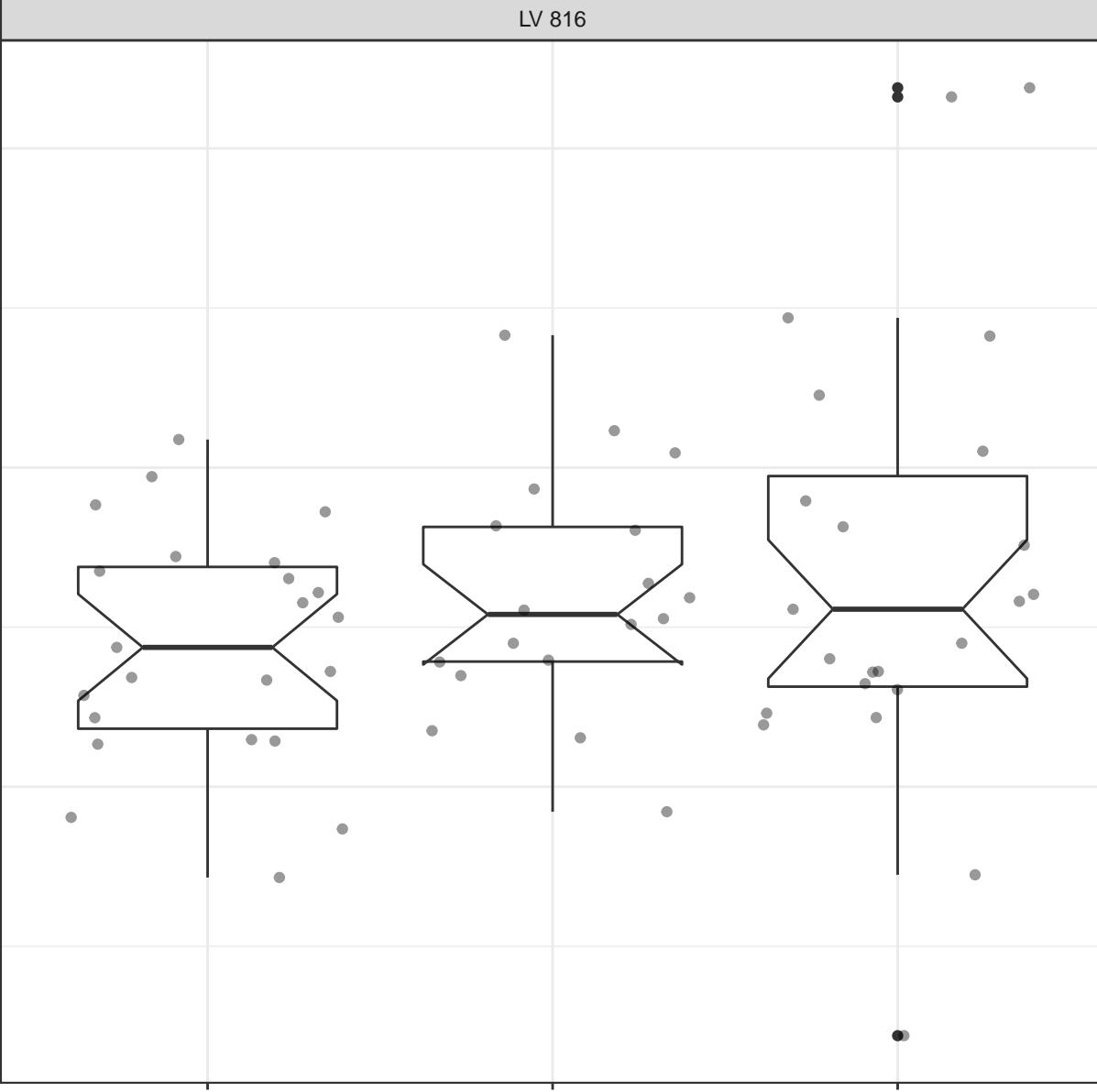
-0.05

Control

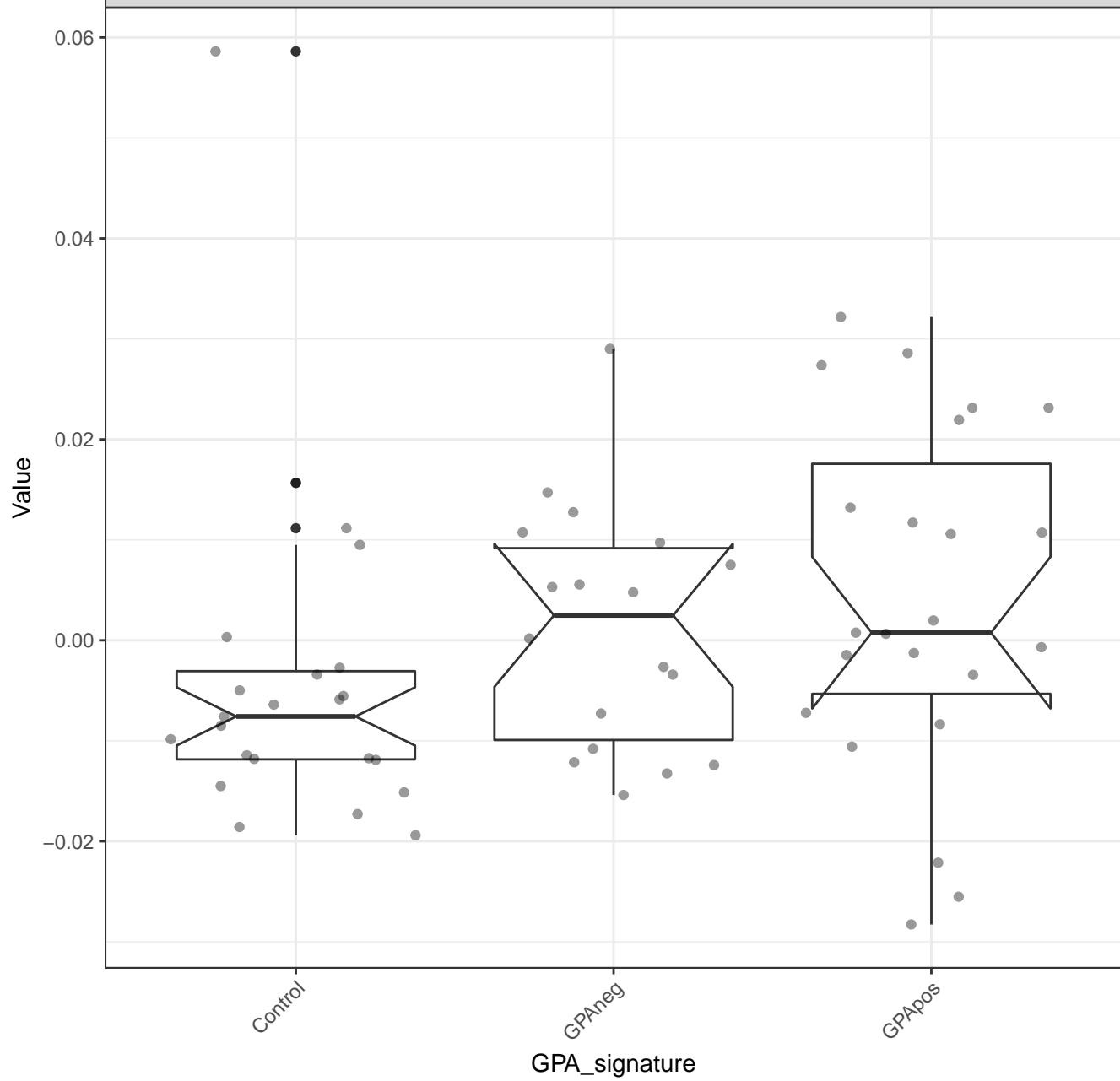
GPA_signature

GPAneg

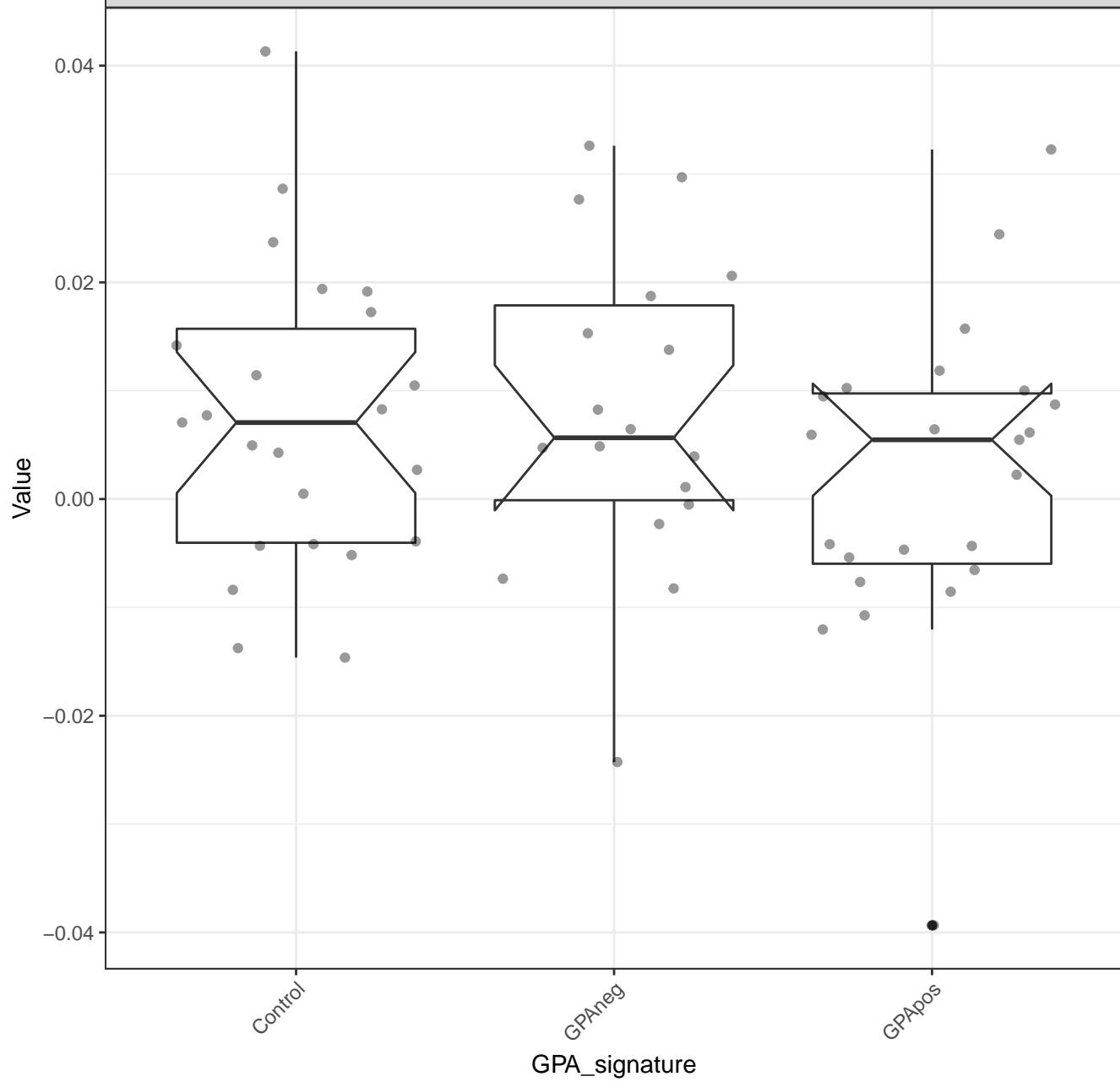
GPApos



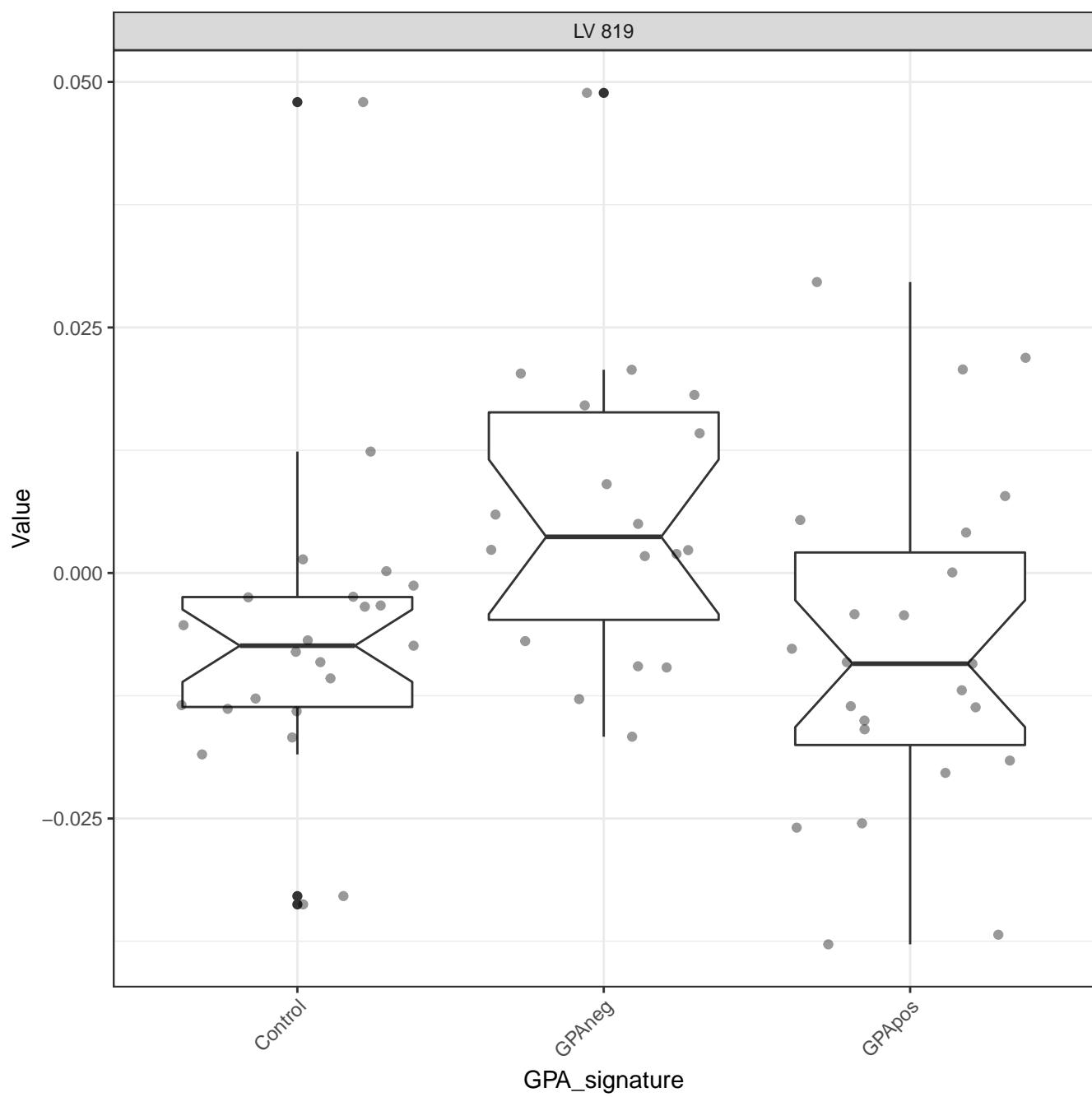
LV 817



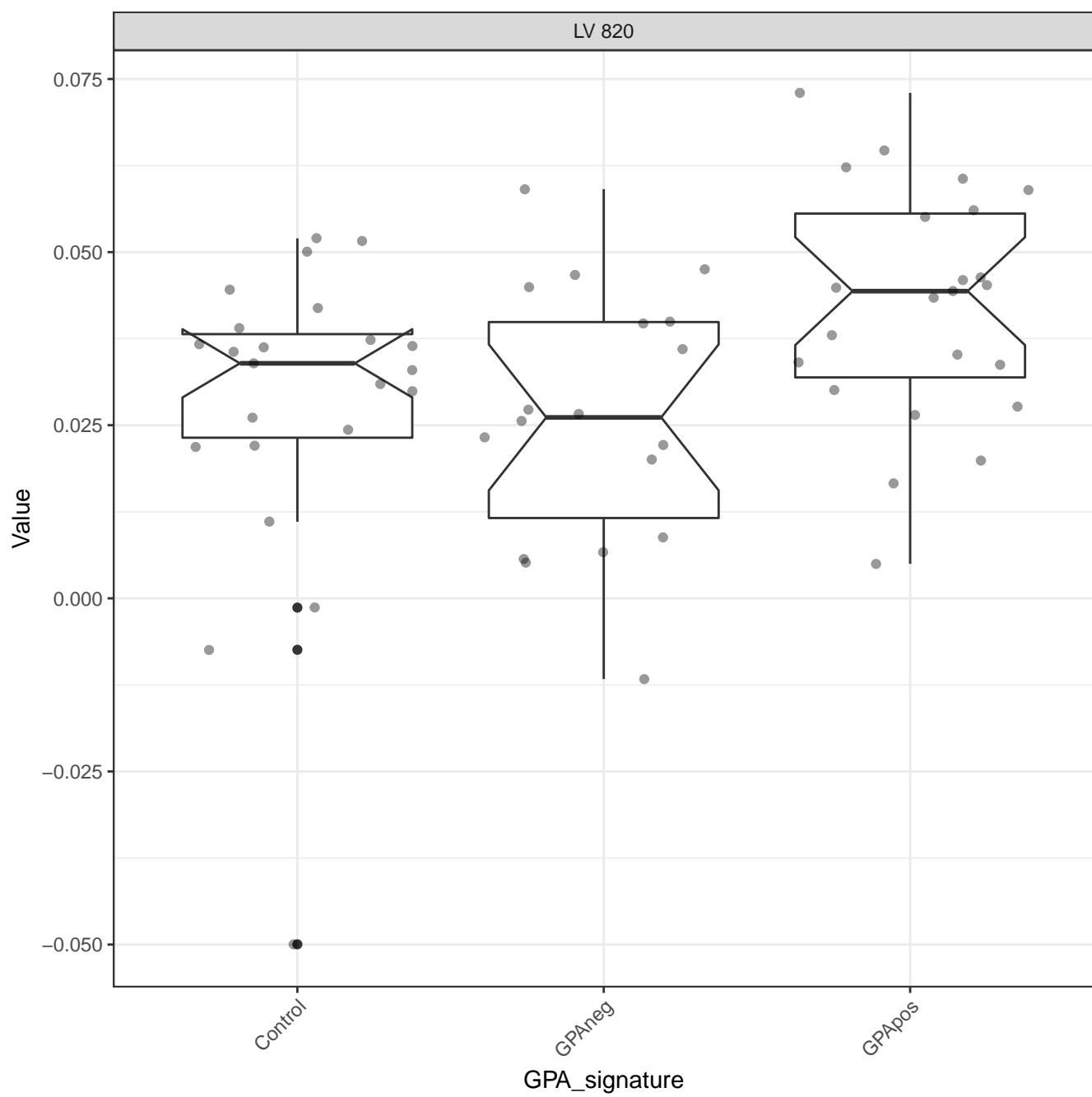
LV 818



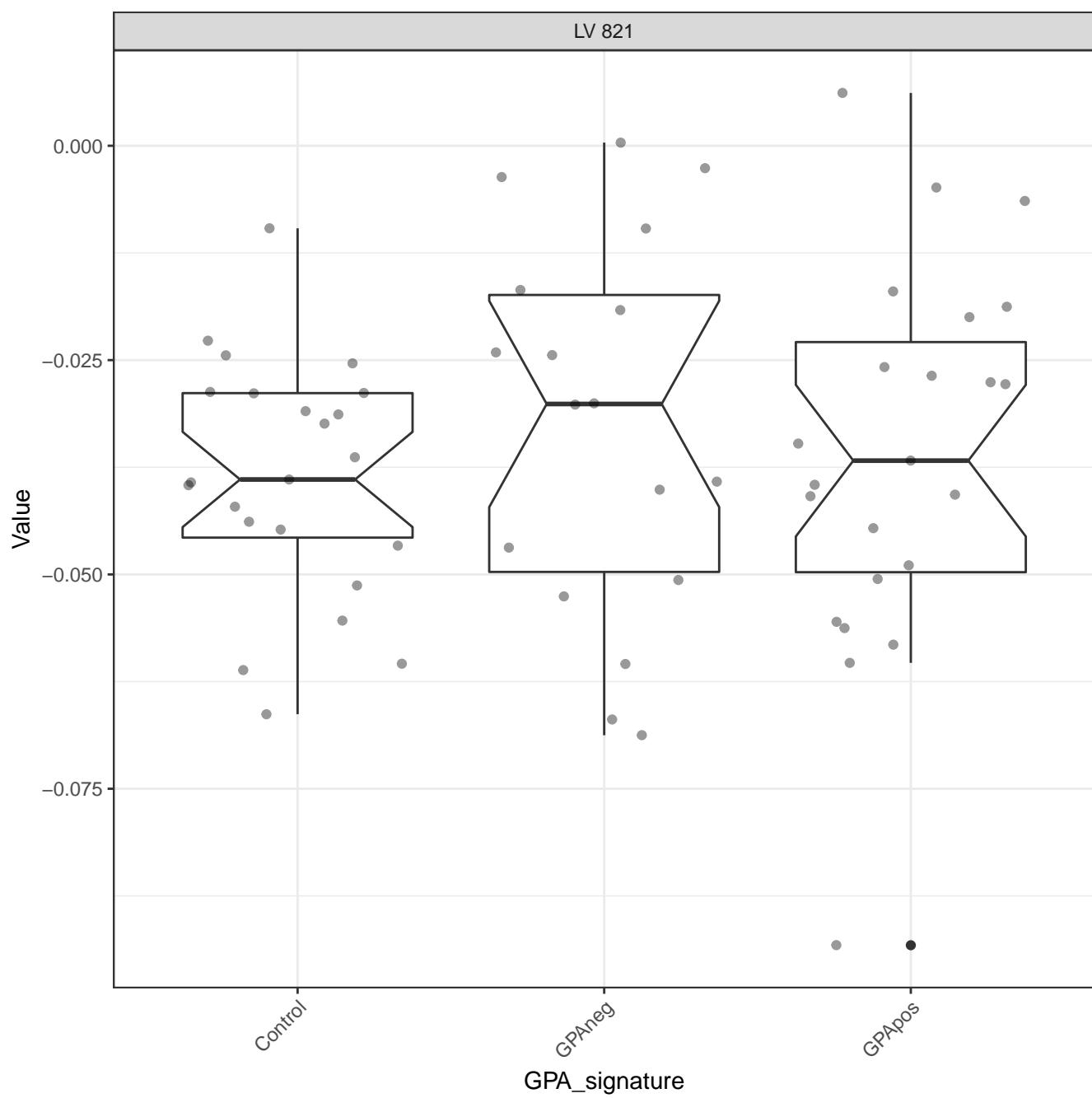
LV 819

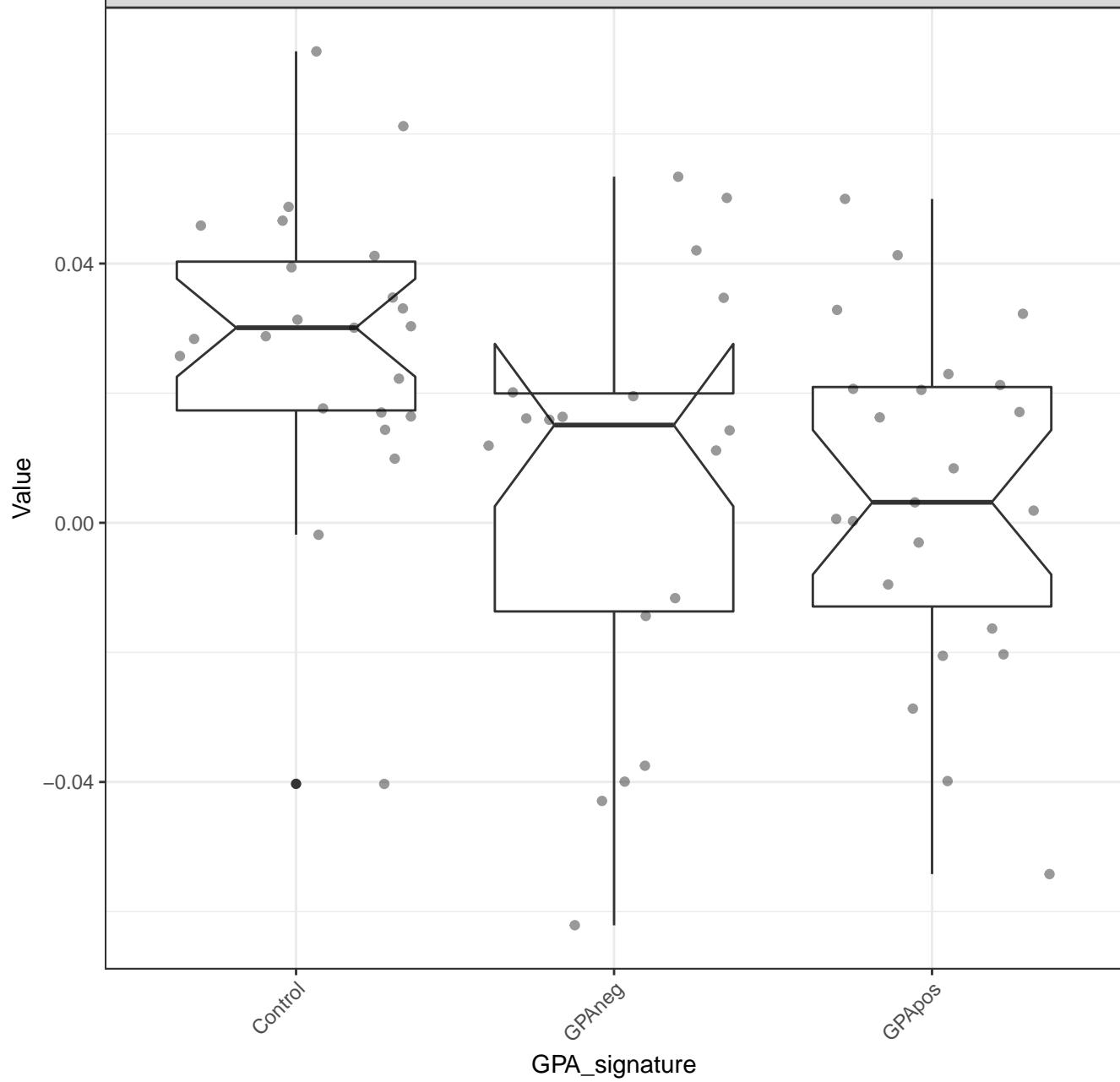


LV 820



LV 821





823,SVM T cells CD4 memory resting

Value

0.15

0.10

0.05

0.00

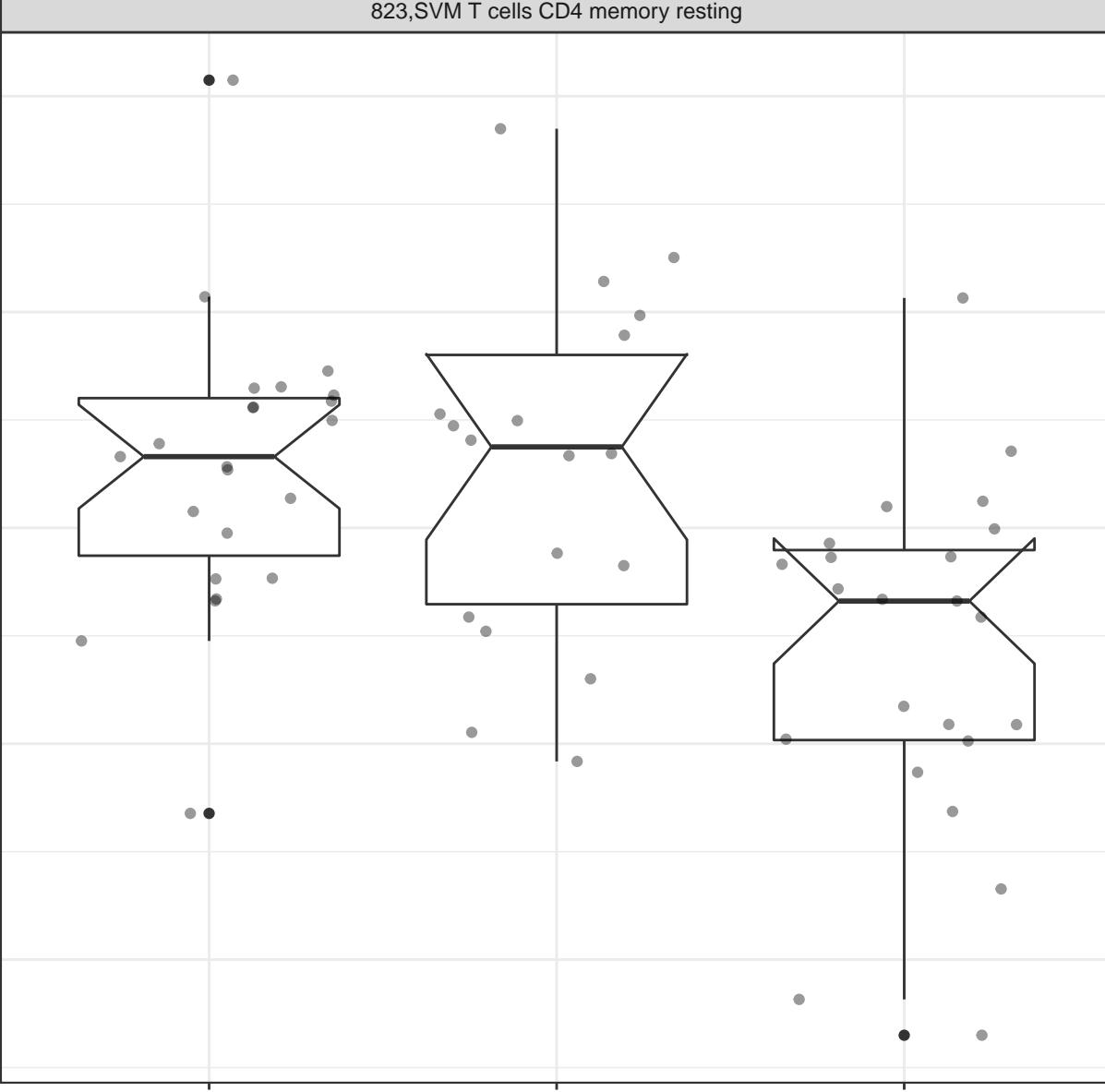
-0.05

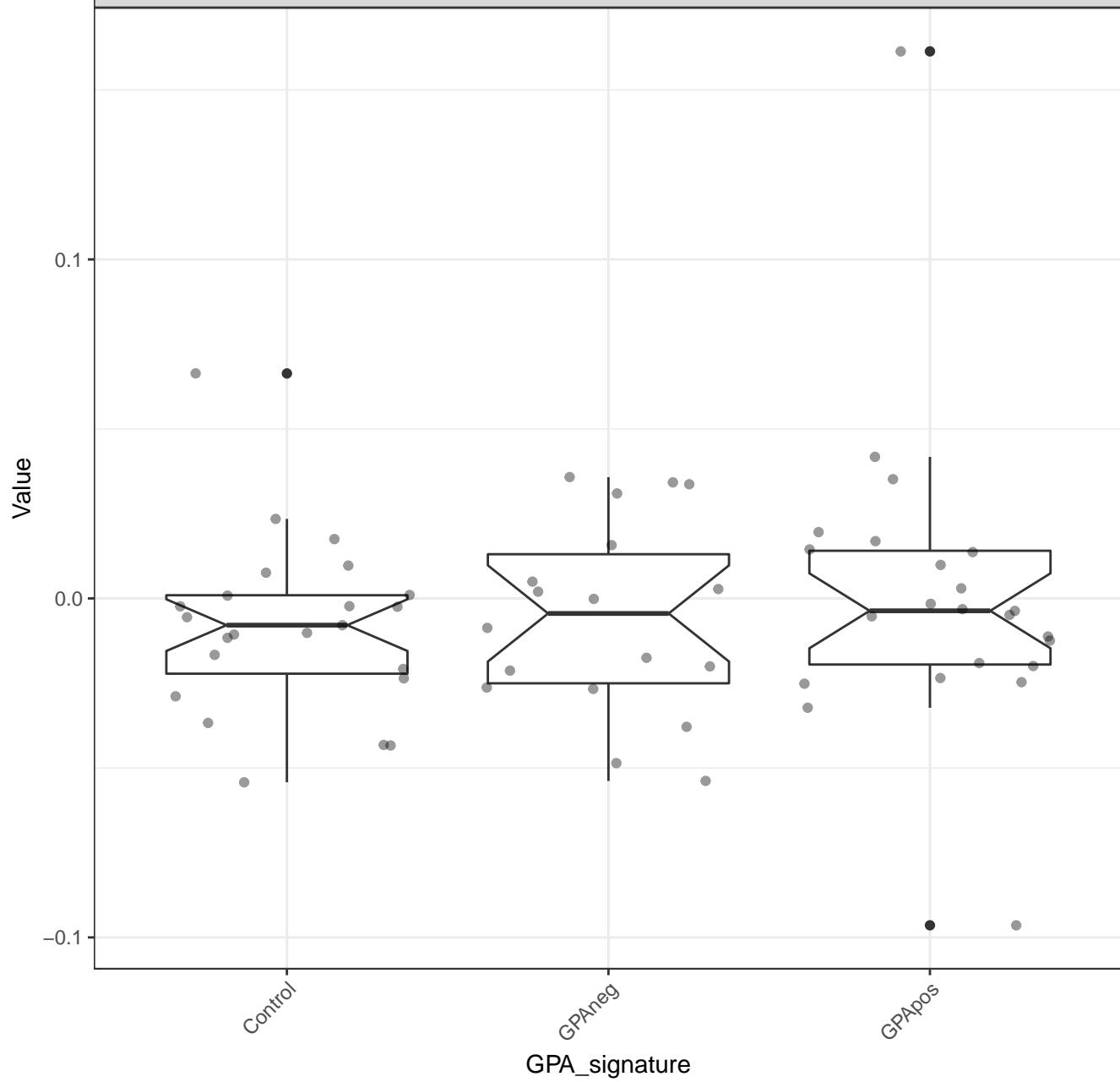
Control

GPA_signature

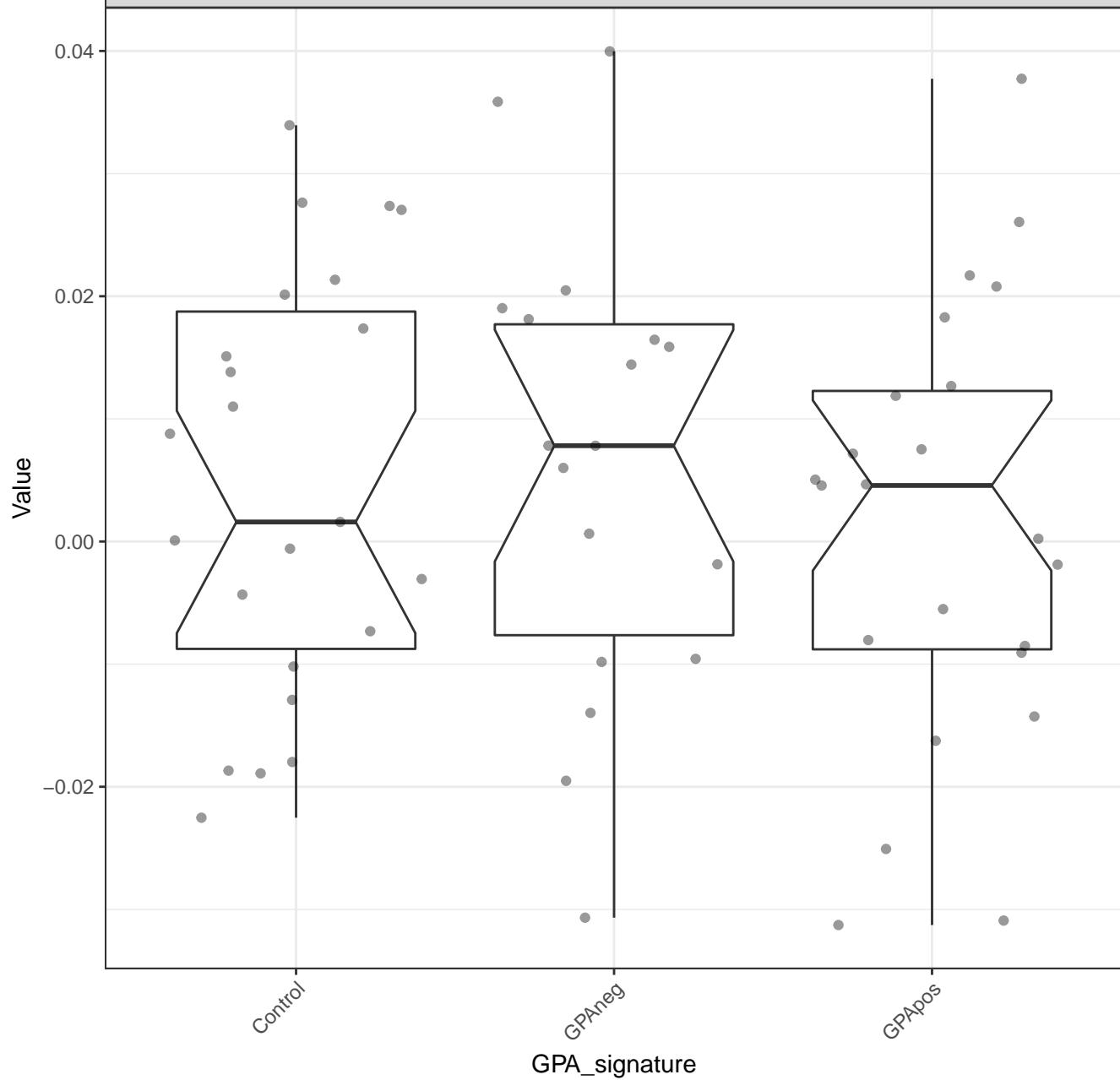
GPAneg

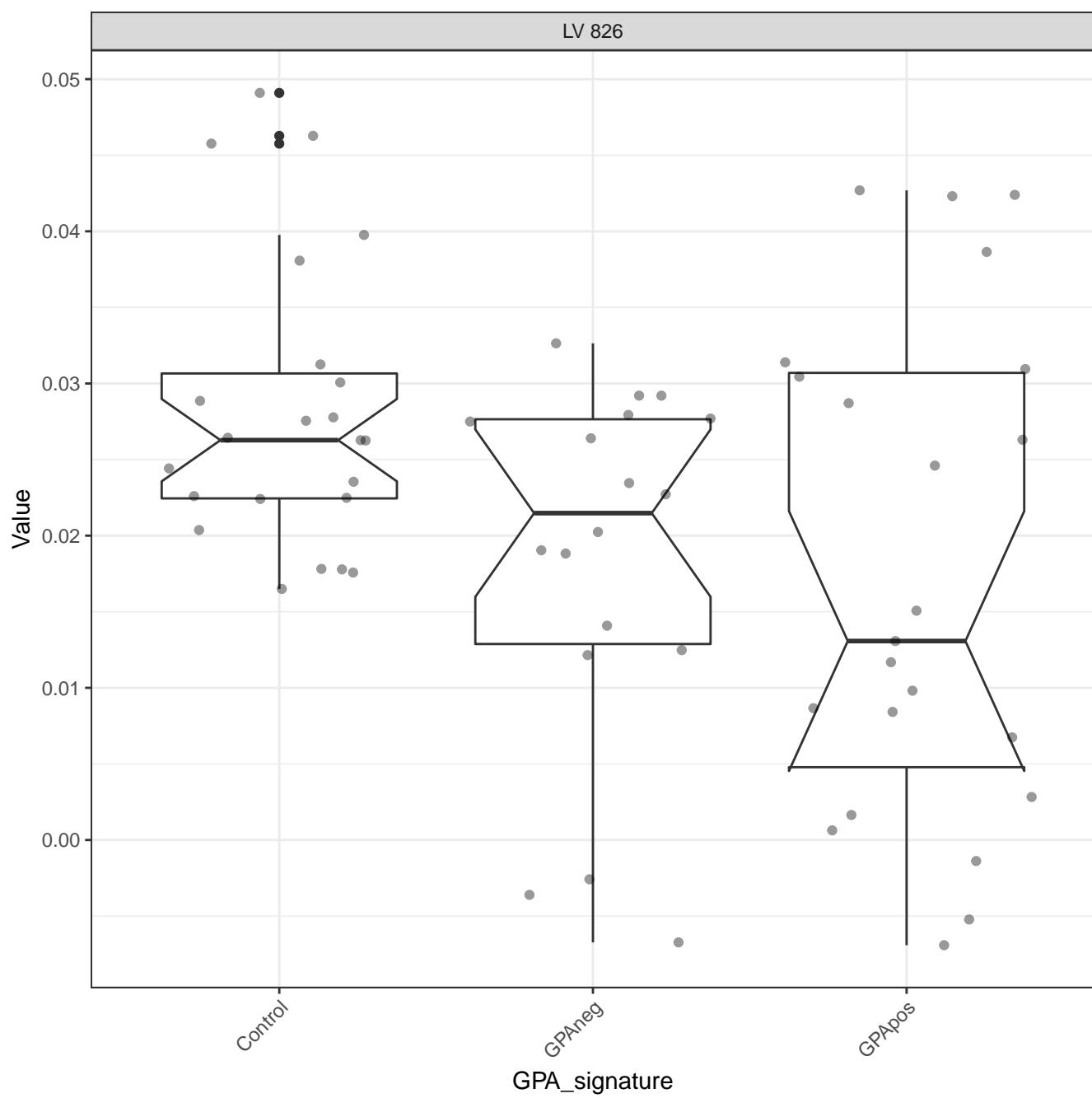
GPAPos





LV 825





827,KEGG_B_CELL_RECEPTOR_SIGNALING_PATHWAY

Value

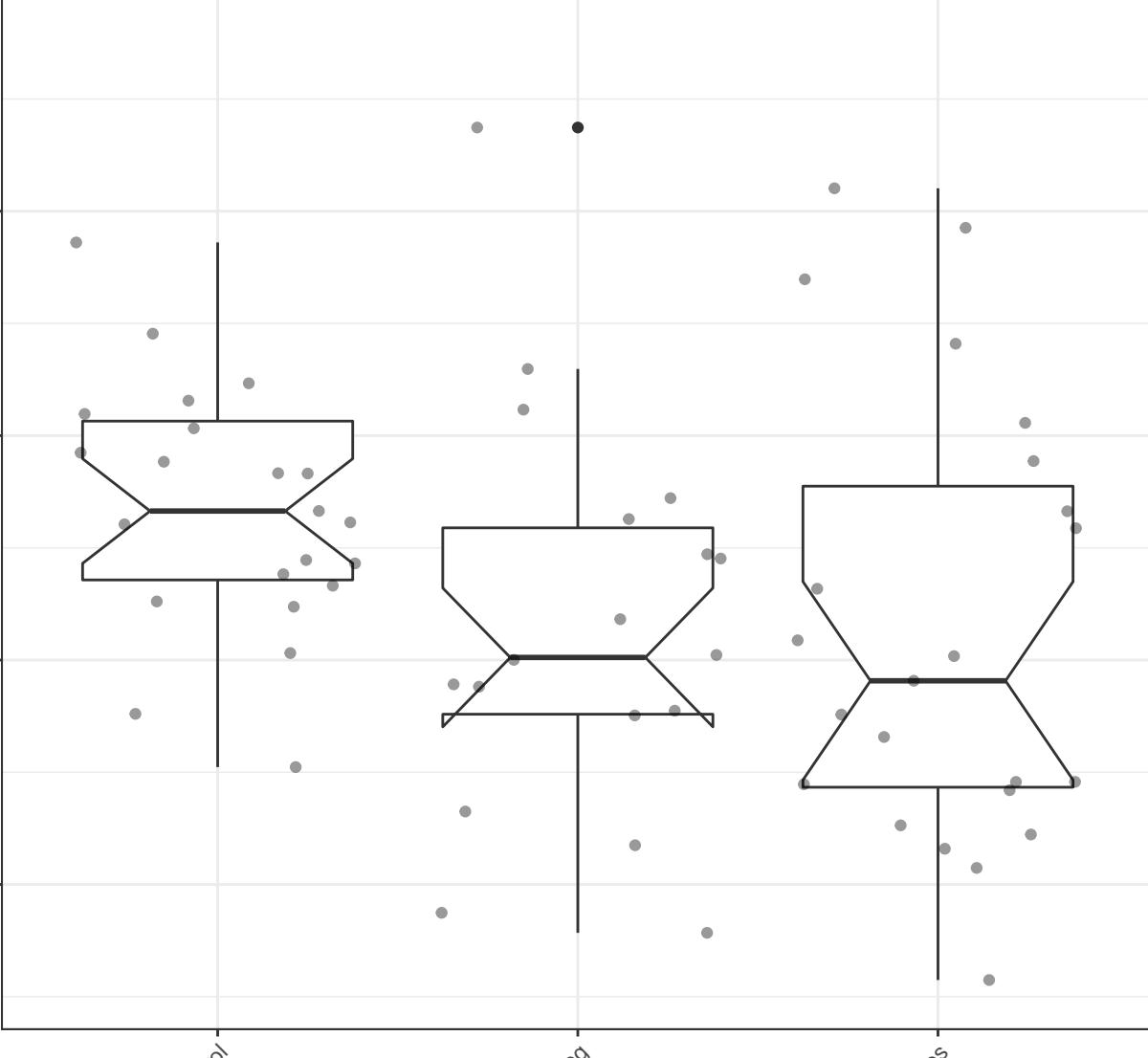
0.15
0.10
0.05
0.00
-0.05

Control

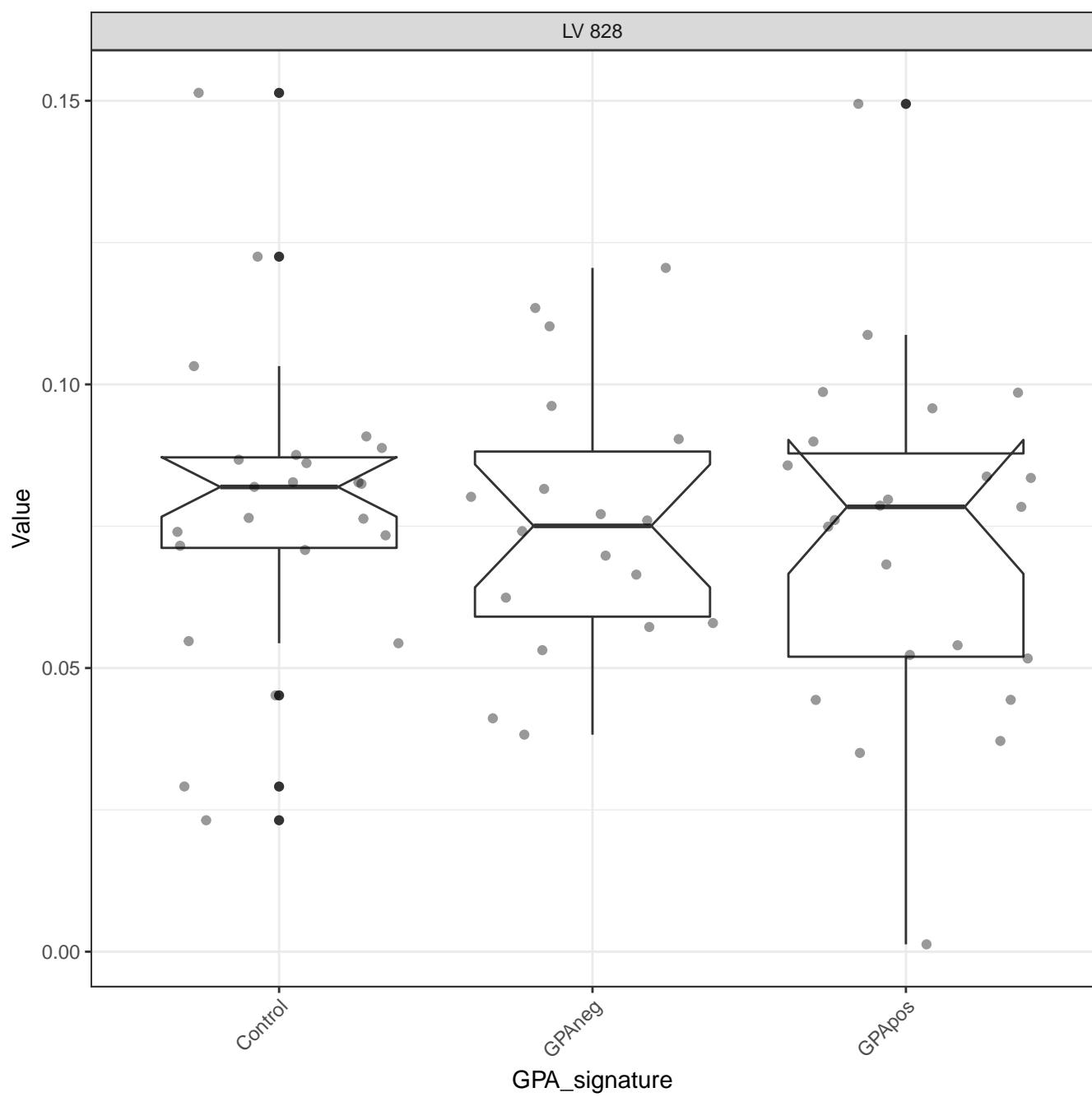
GPAneg

GPApos

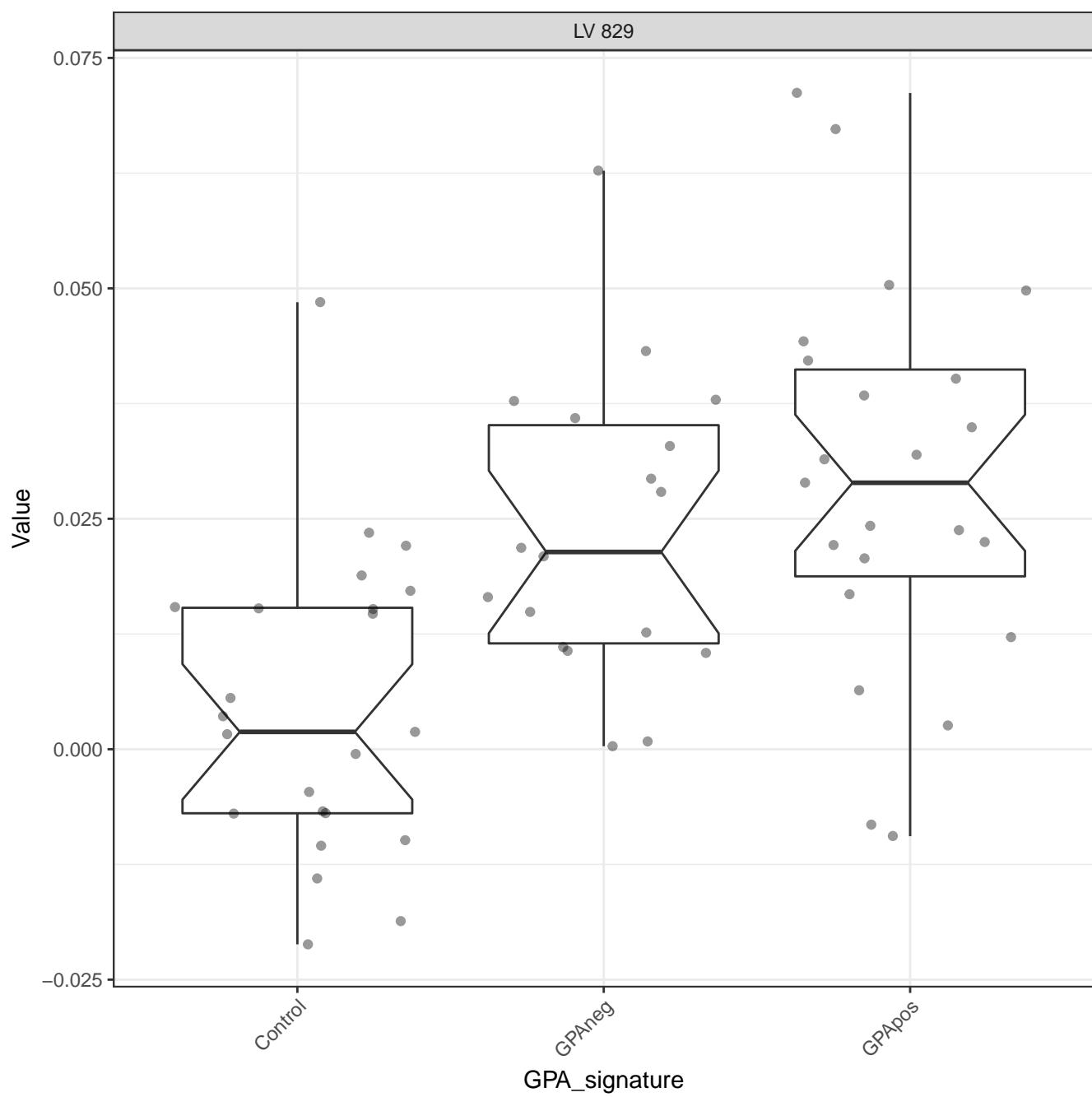
GPA_signature



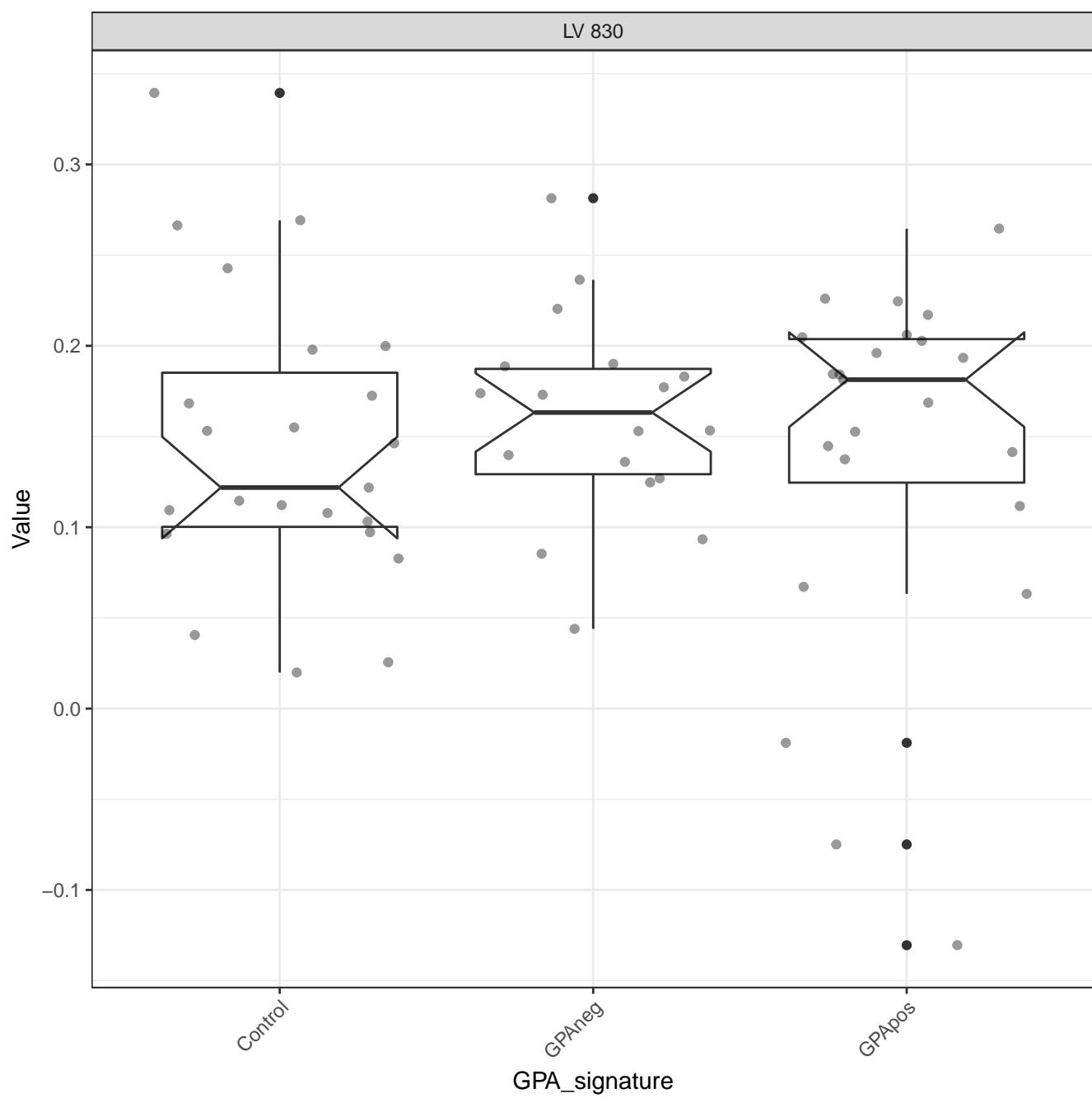
LV 828



LV 829



LV 830



LV 831

Value

0.050

0.025

0.000

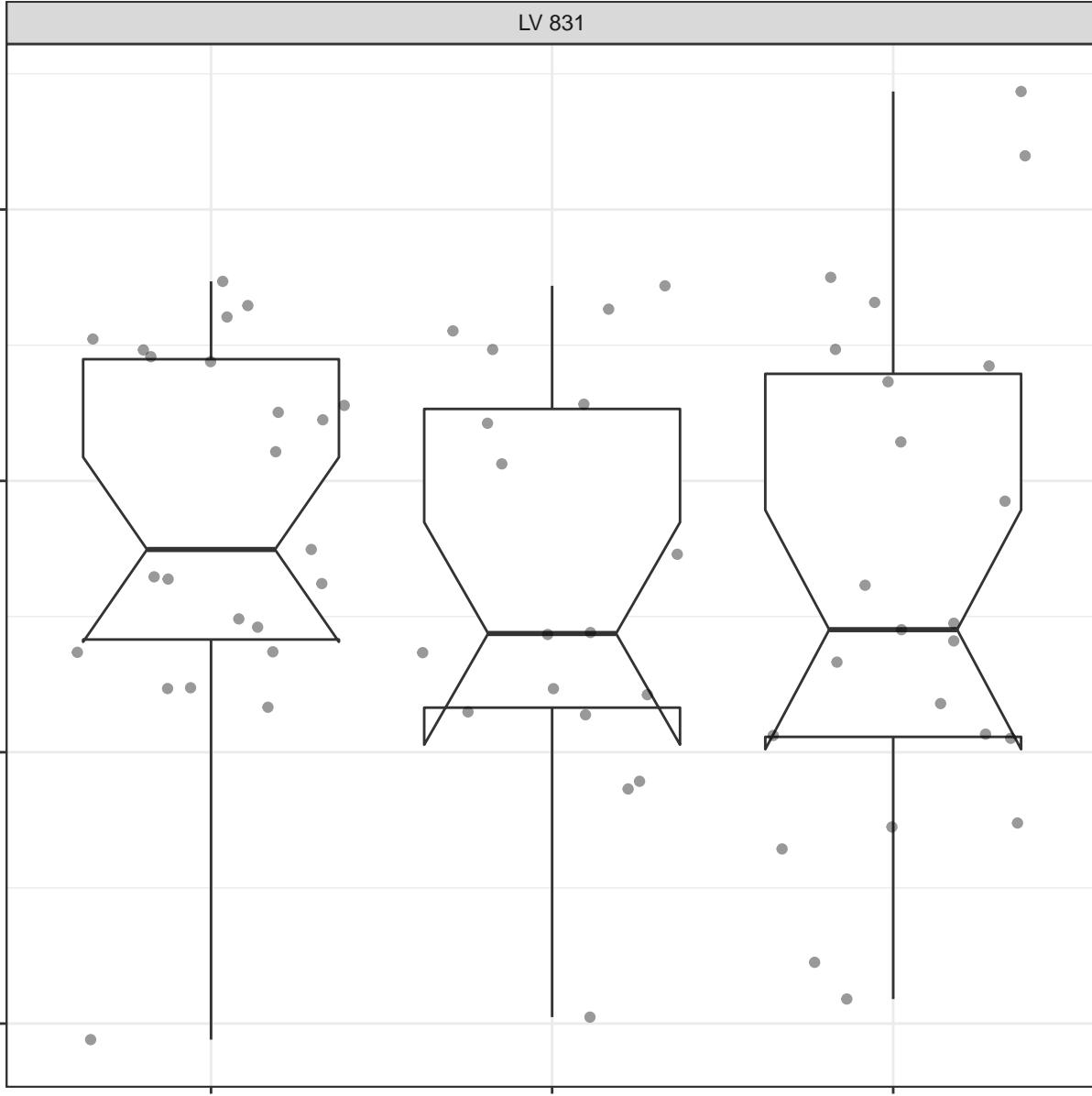
-0.025

Control

GPA_signature

GPAneg

GPApos



832,KEGG_CYSTEINE_AND_METHIONINE_METABOLISM

Value

0.05

0.00

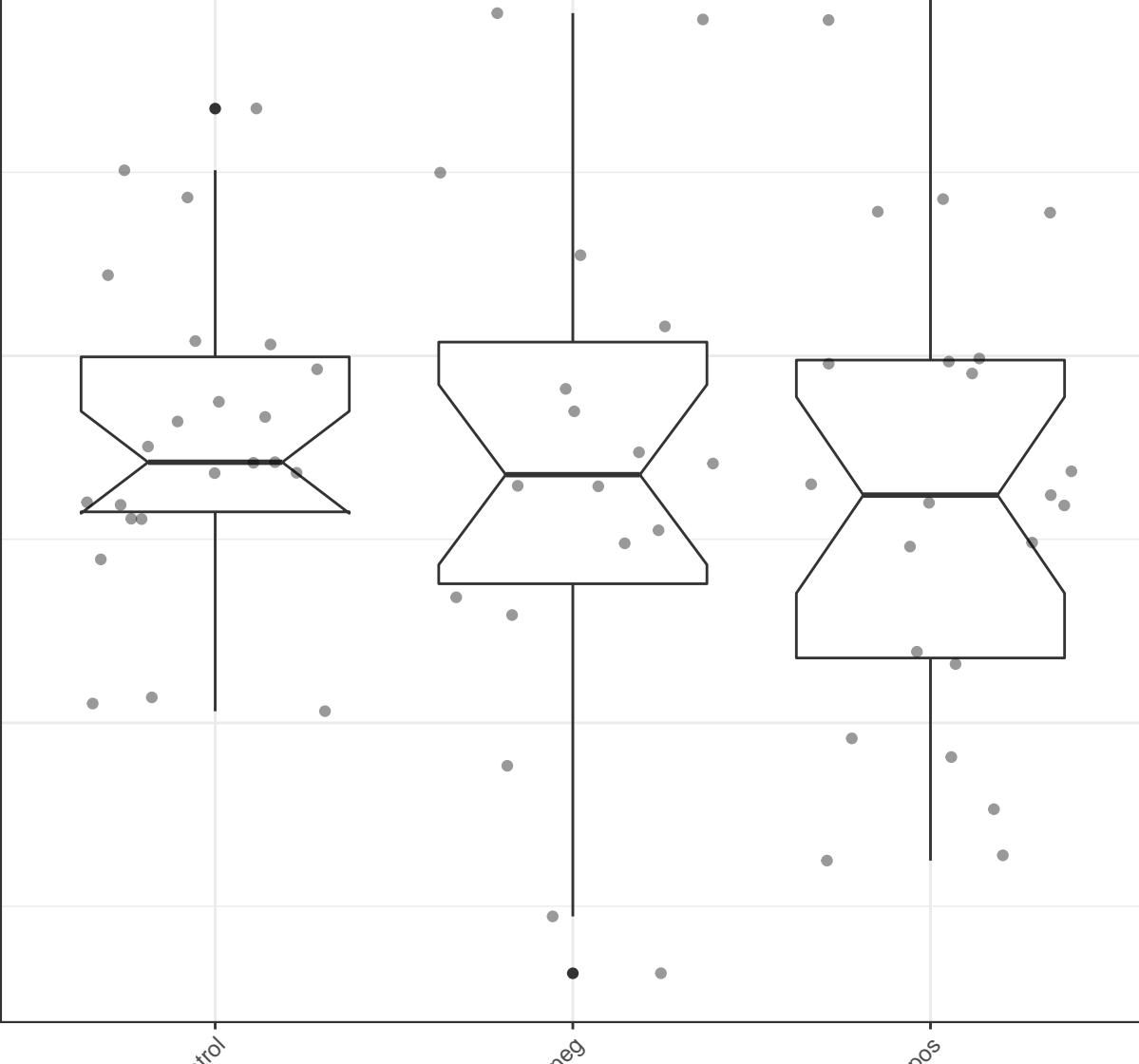
-0.05

Control

GPA_signature

GPAneg

GPApos



LV 833

Value

0.10

0.05

0.00

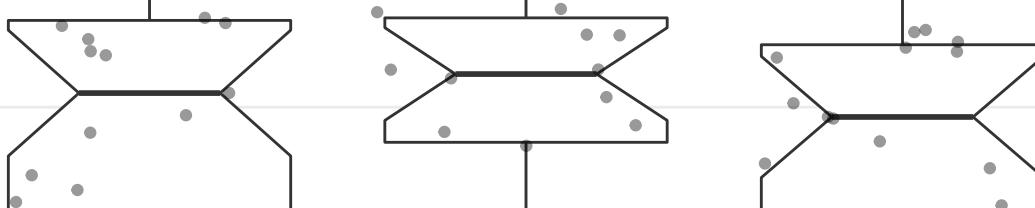
-0.05

Control

GPAneg

GPApos

GPA_signature



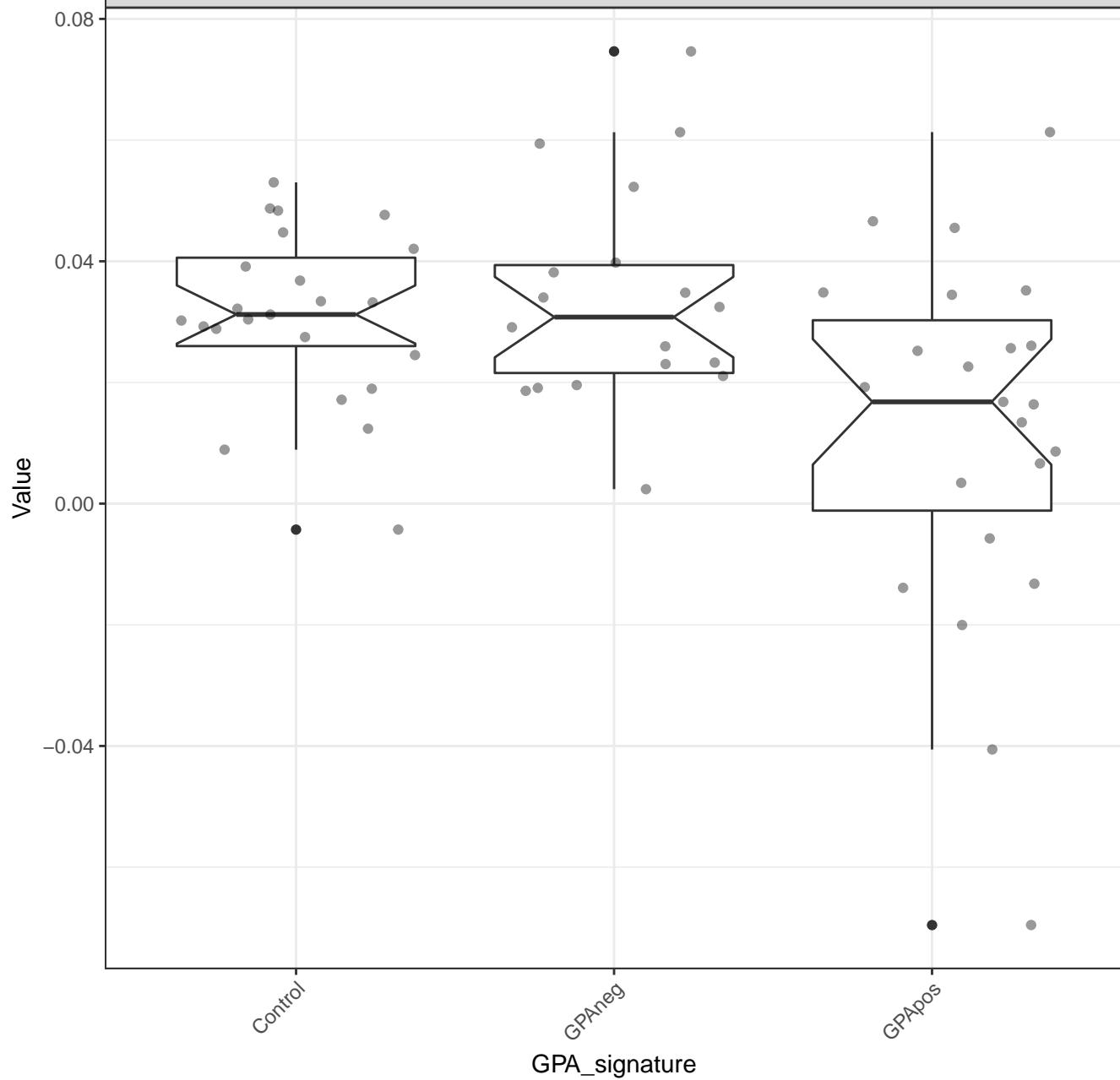
Control

GPAneg

GPApos

GPA_signature

LV 834



LV 835

Value

0.05

0.00

-0.05

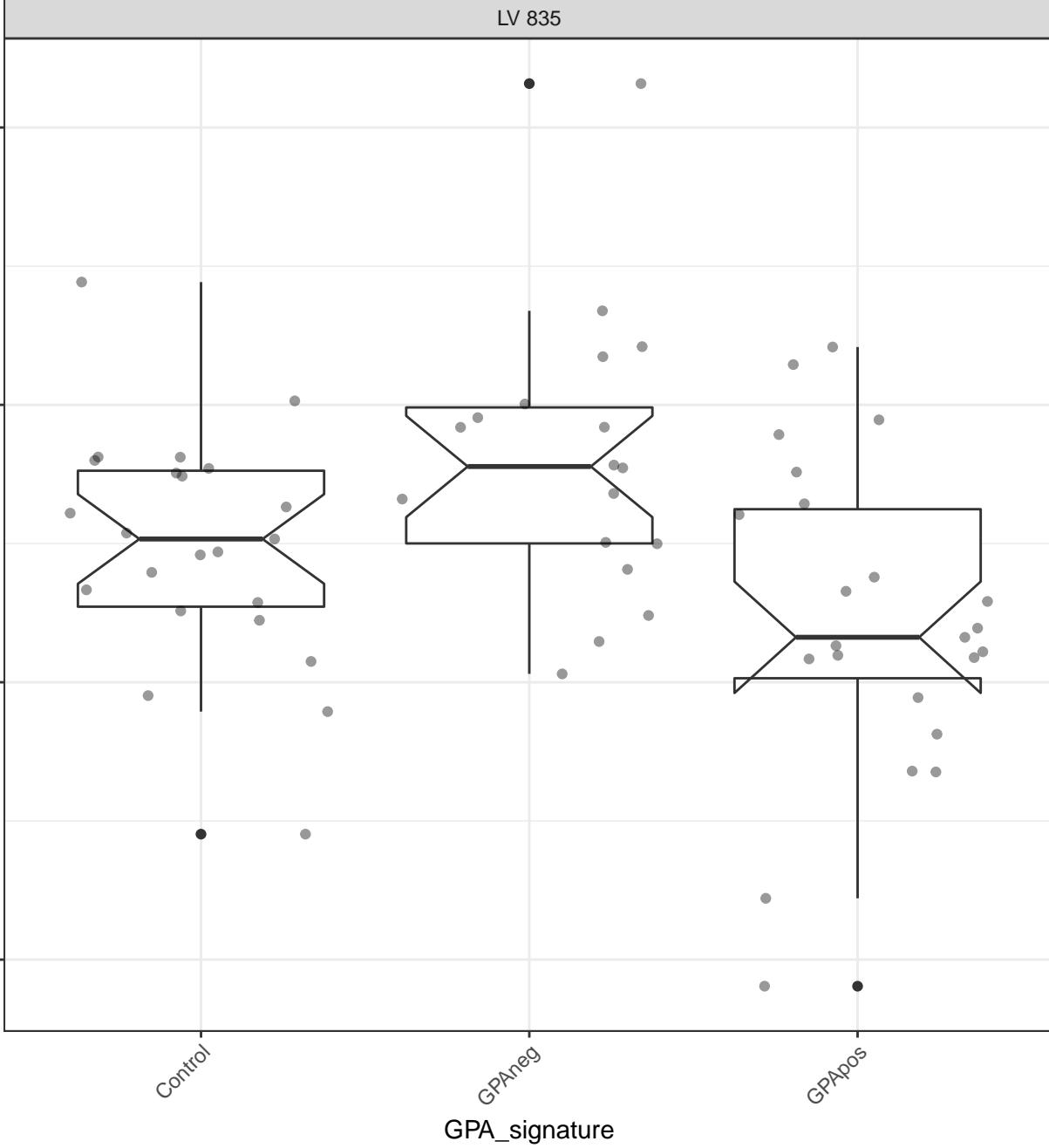
-0.10

Control

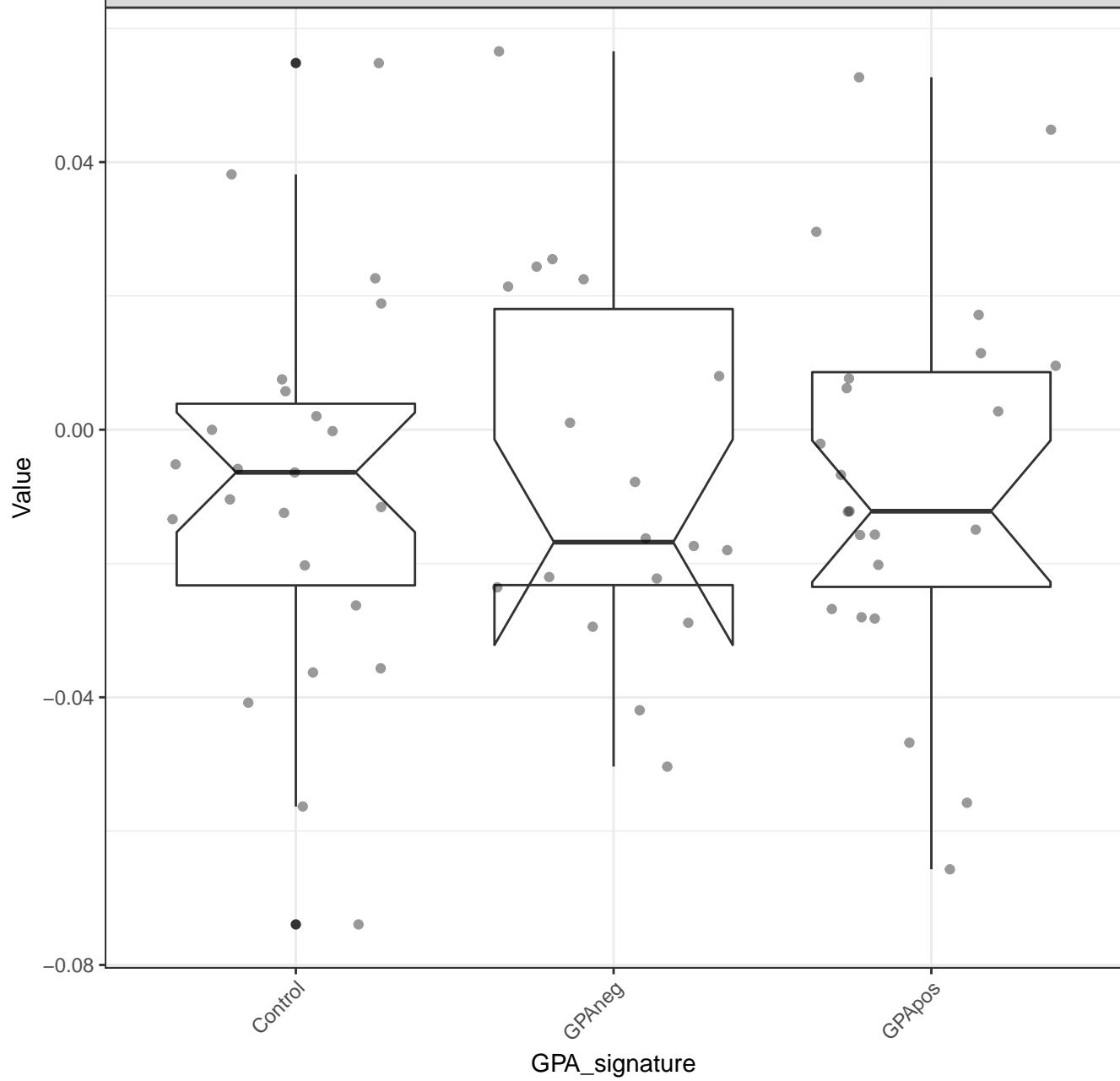
GPAneg

GPAPos

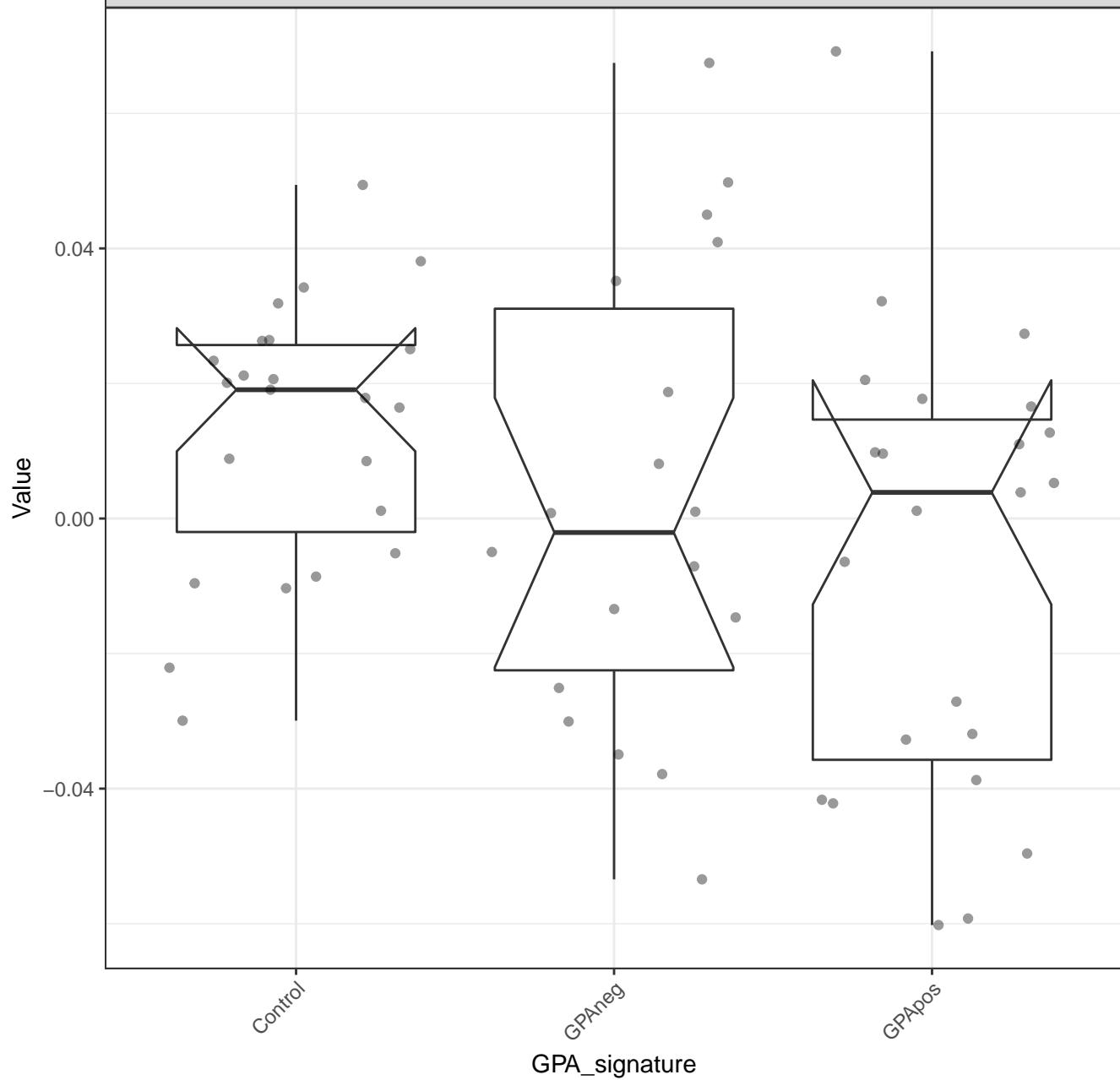
GPA_signature



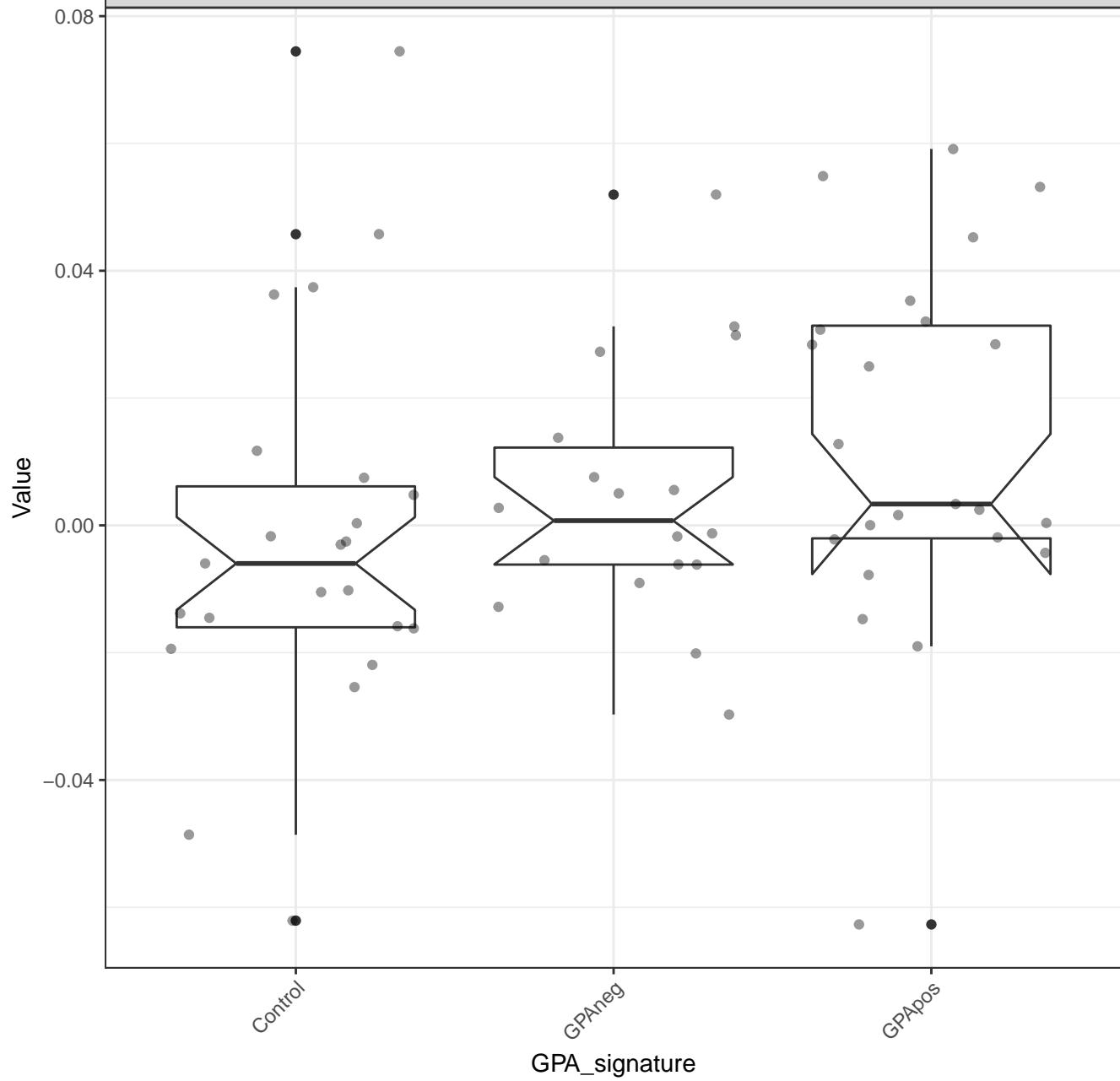
LV 836



LV 837



LV 838



LV 839

Value

0.00

-0.02

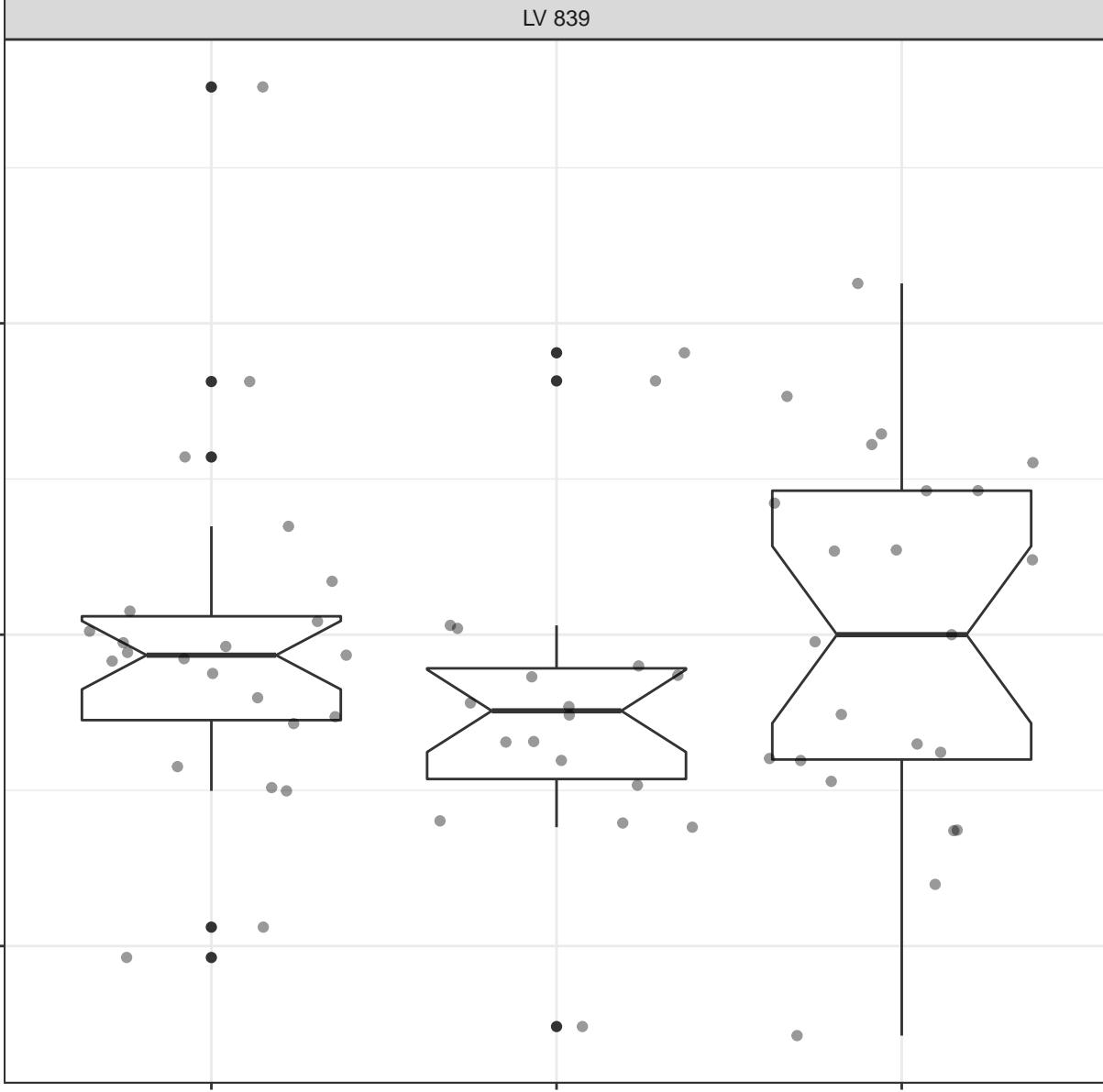
-0.04

Control

GPAneg

GPAPos

GPA_signature



840,MIPS_39S_RIBOSOMAL_SUBUNIT_MITOCHONDRIAL

Value

0.4

0.3

0.2

0.1

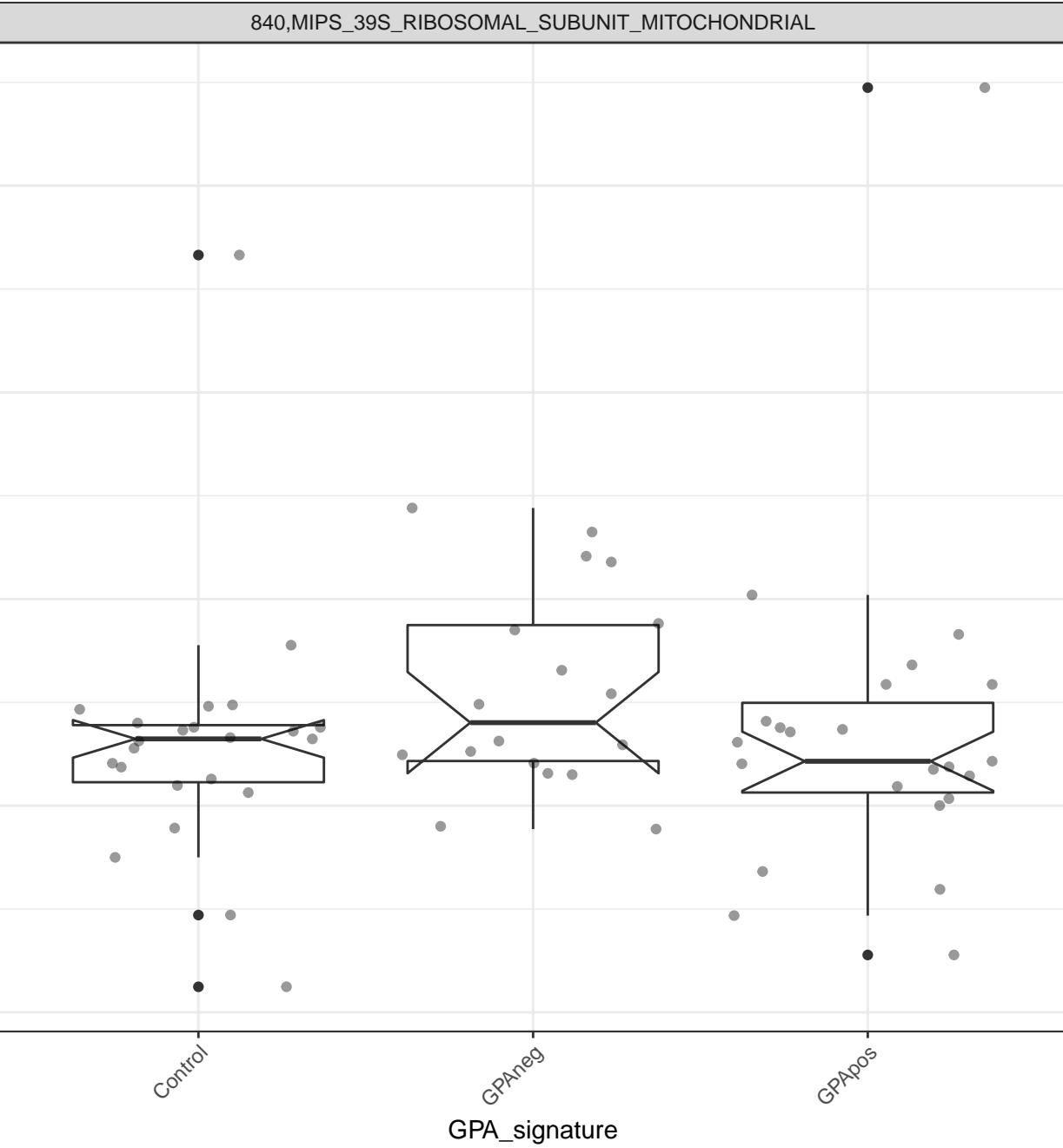
0.0

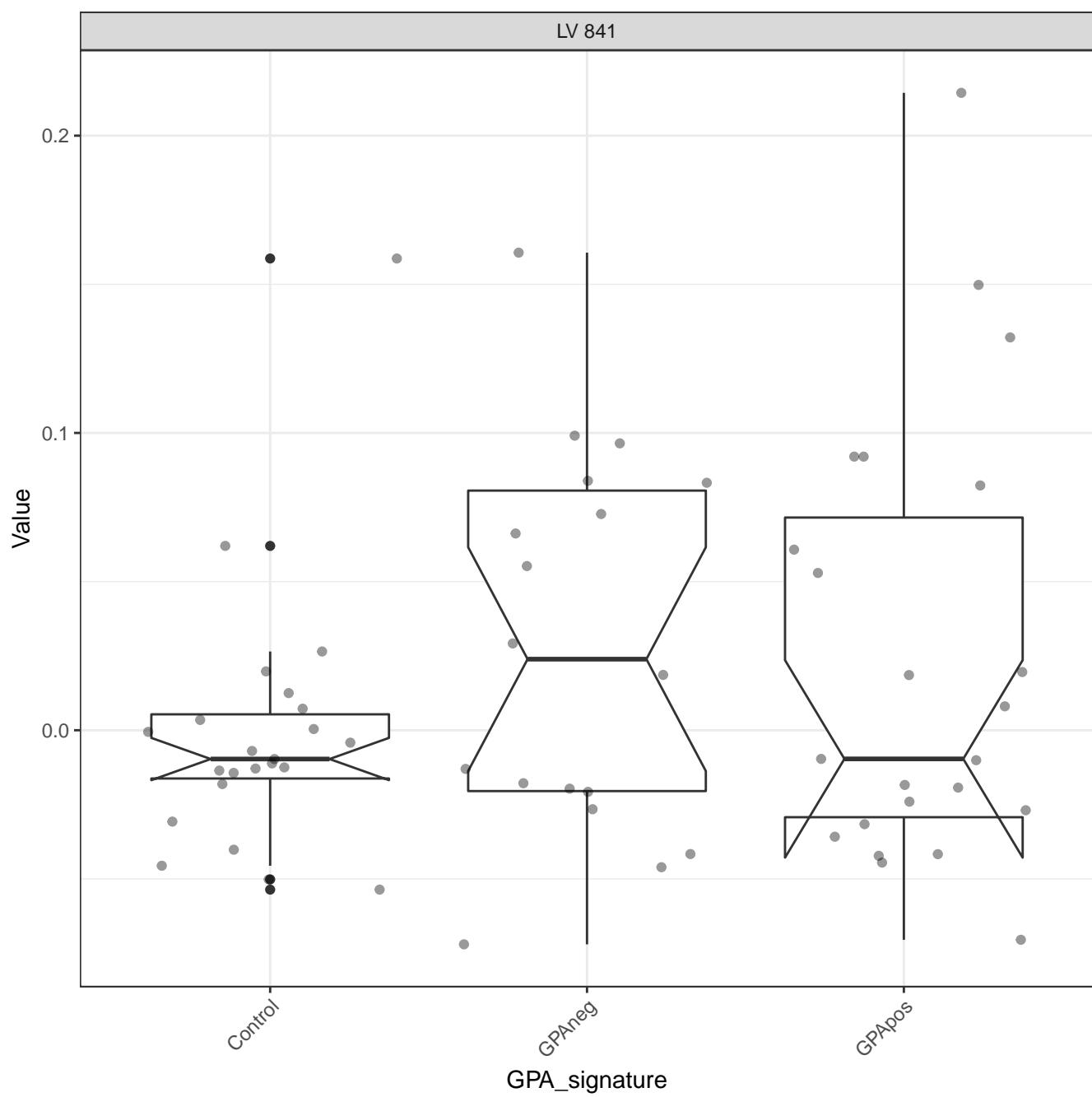
Control

GPAneg

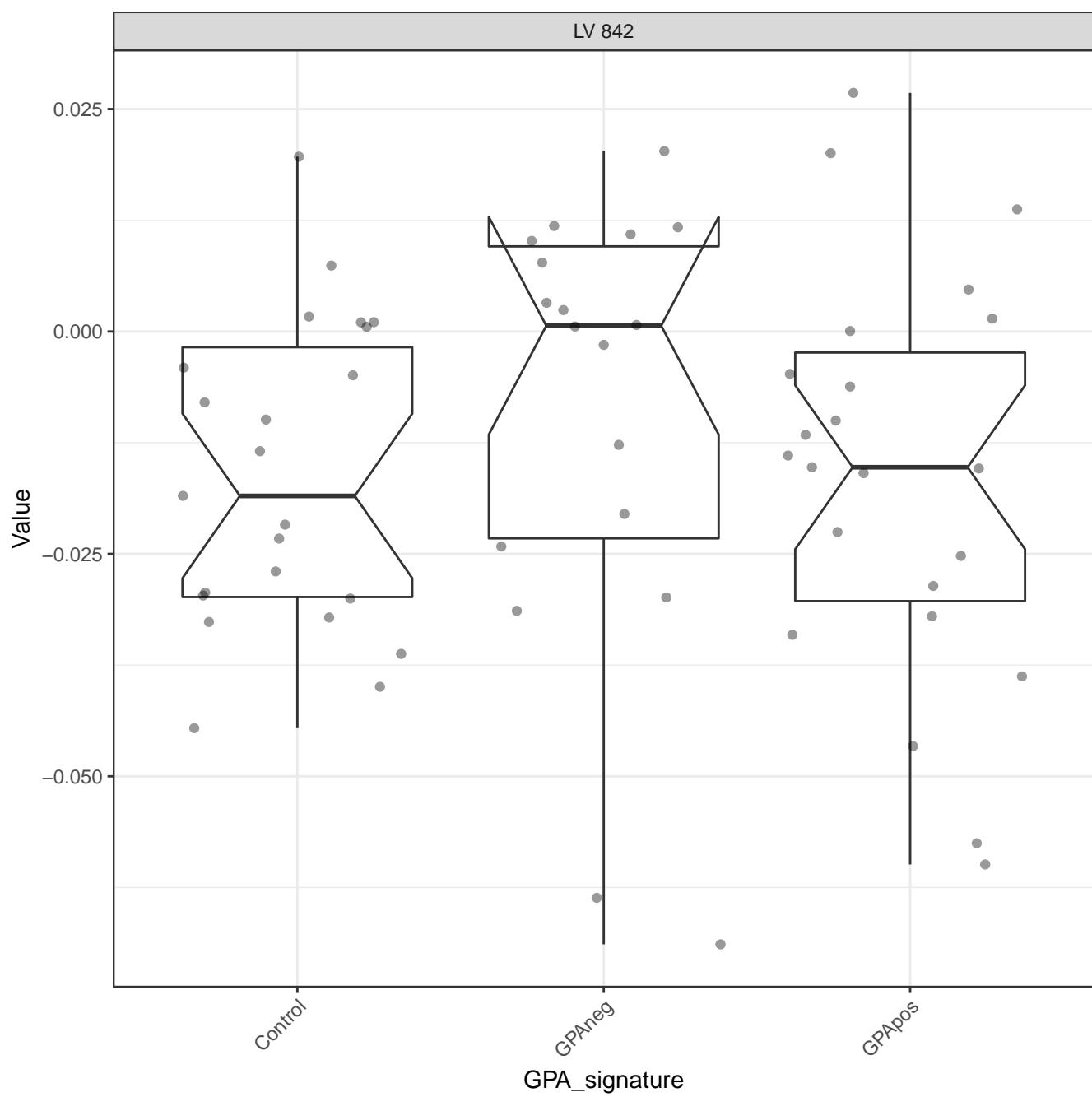
GPApos

GPA_signature





LV 842



Value

0.05

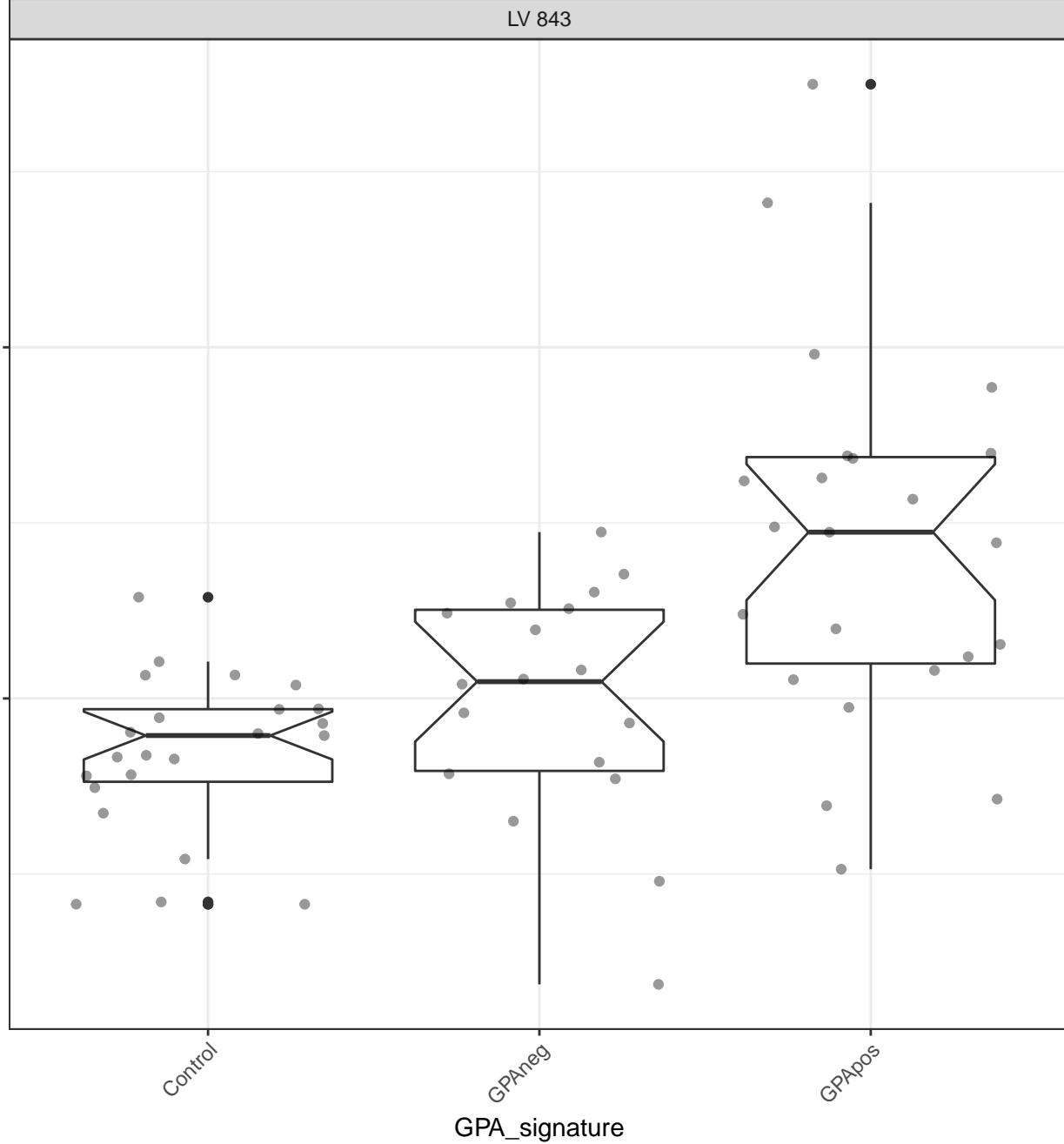
0.00

Control

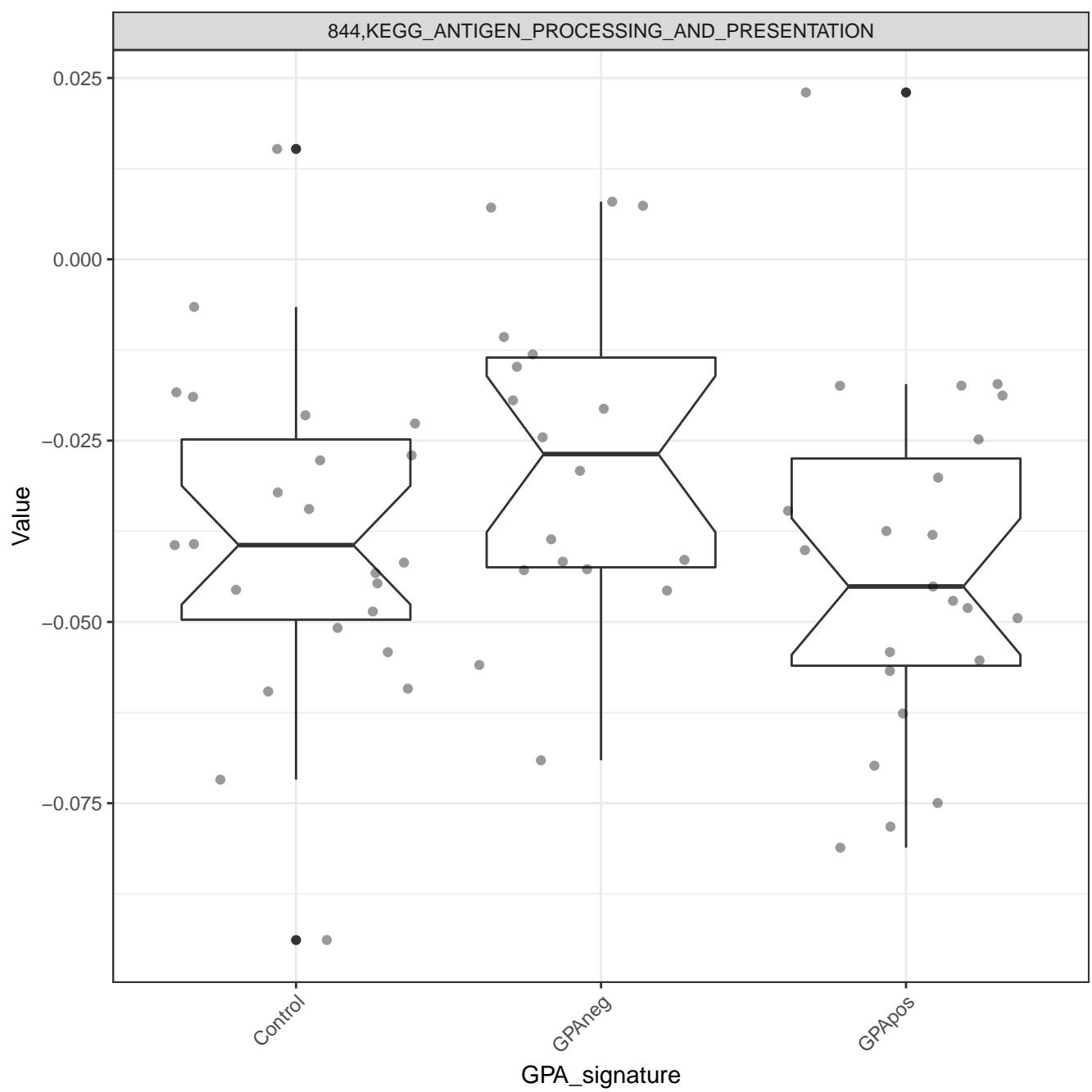
GPA_signature

GPAneg

GPAPos



844,KEGG_ANTIGEN_PROCESSING_AND_PRESENTATION



LV 845

Value

0.050

0.025

0.000

-0.025

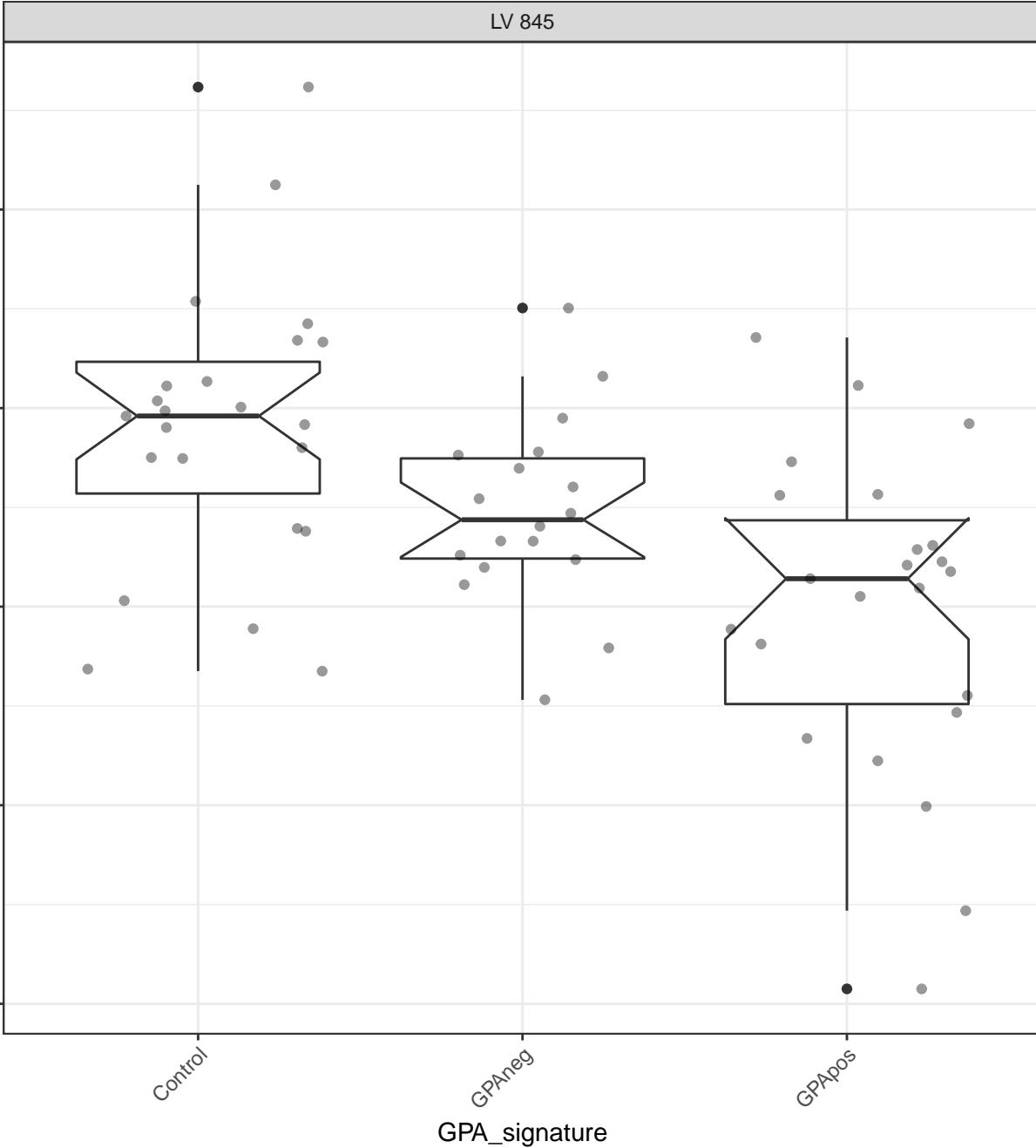
-0.050

Control

GPAneg

GPAPos

GPA_signature



LV 846

Value

0.08

0.04

0.00

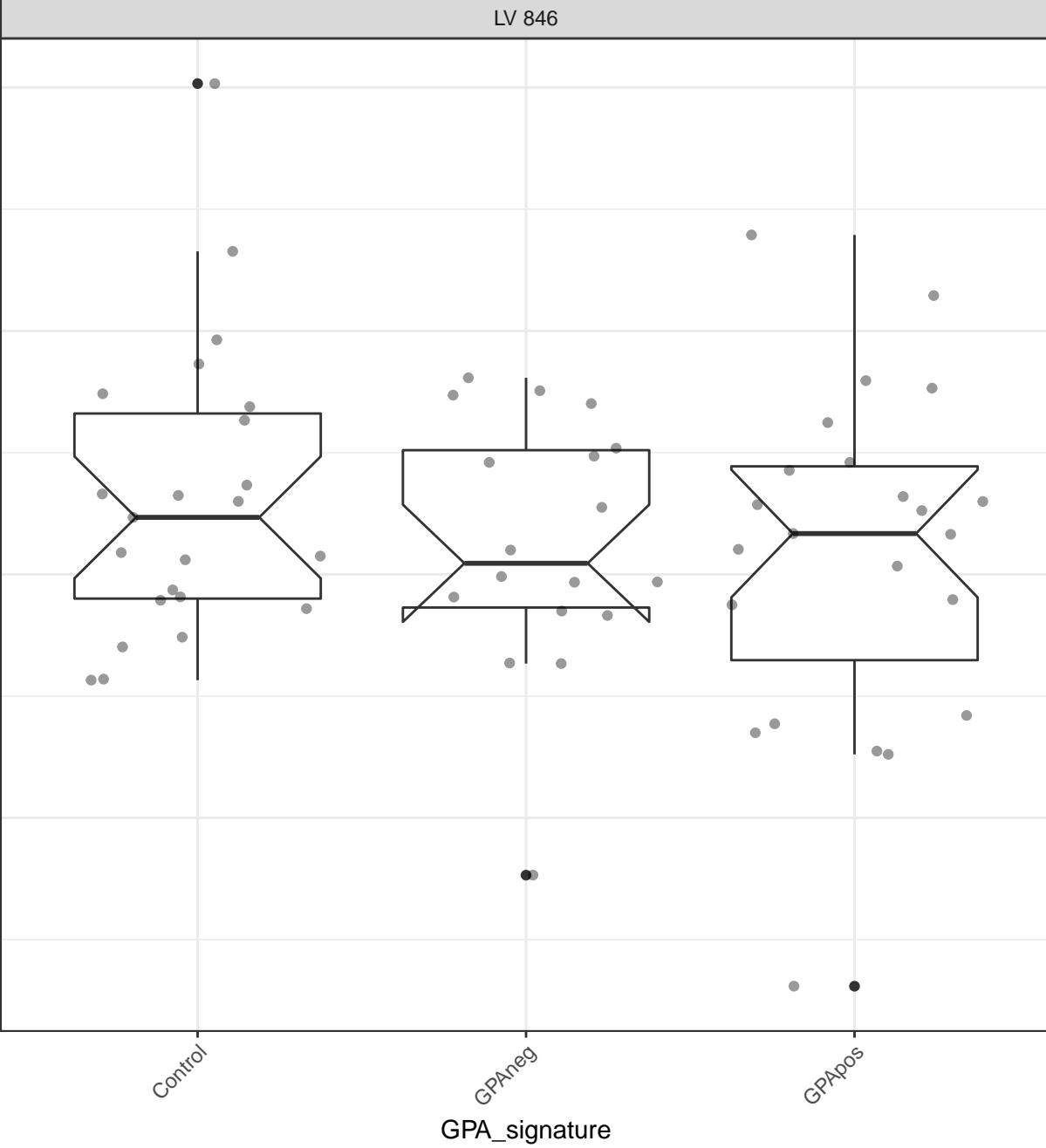
-0.04

Control

GPAneg

GPApos

GPA_signature



847,REACTOME_AMYLOIDS

Value

0.05

0.00

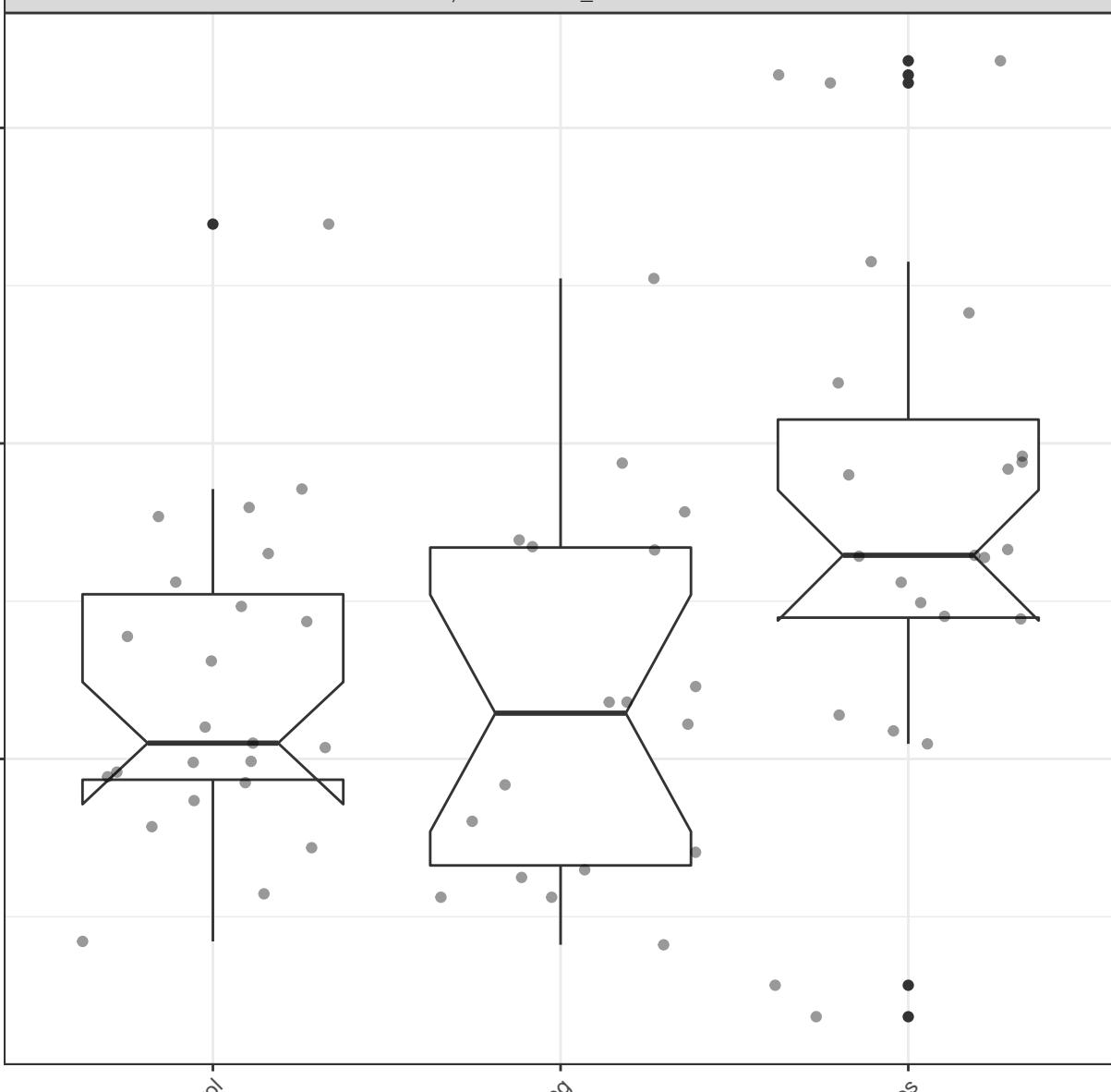
-0.05

Control

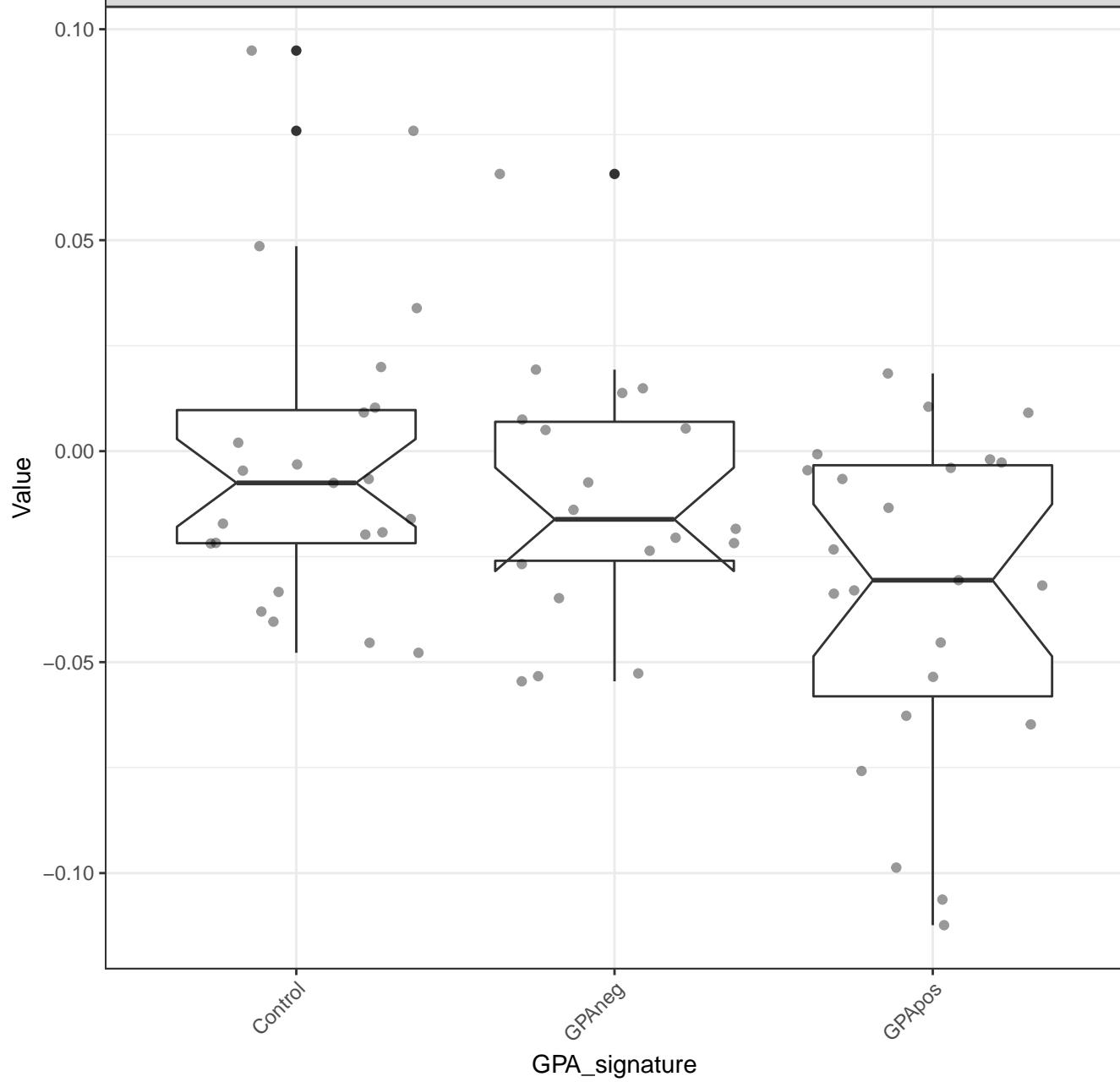
GPA_signature

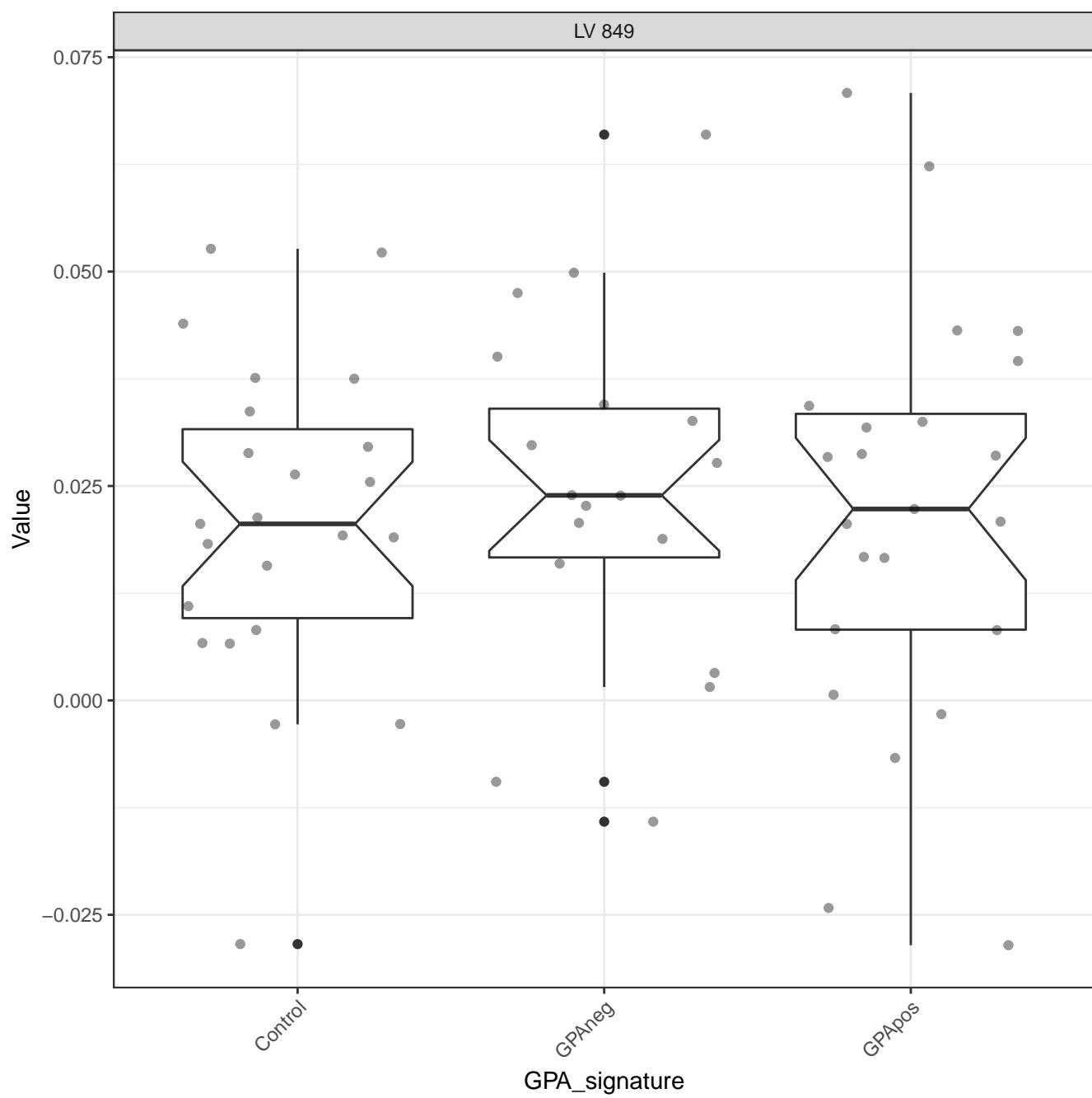
GPAneg

GPAPos

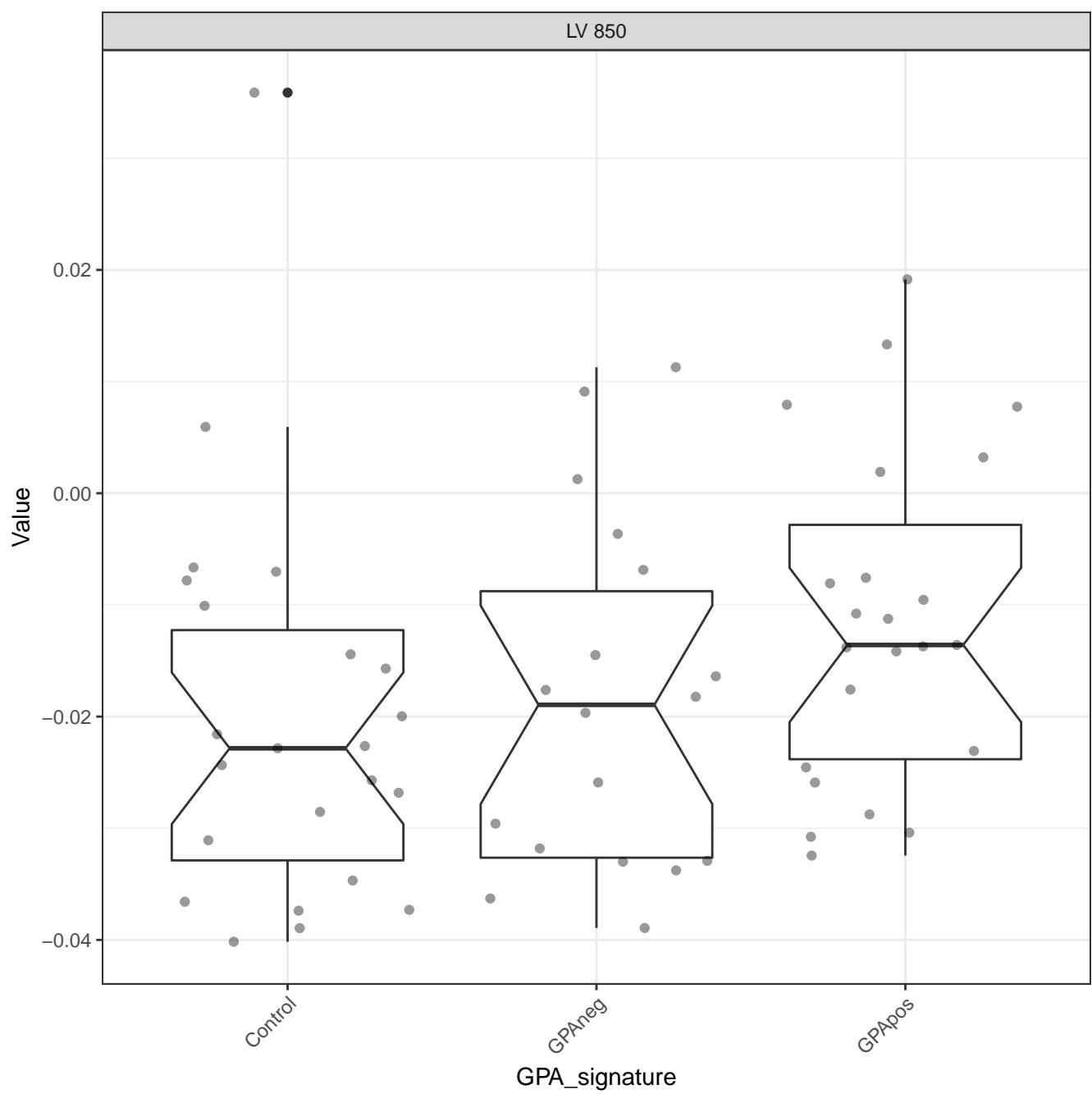


848,REACTOME_GENERIC_TRANSSCRIPTION_PATHWAY





LV 850



LV 851

Value

0.05

0.00

-0.05

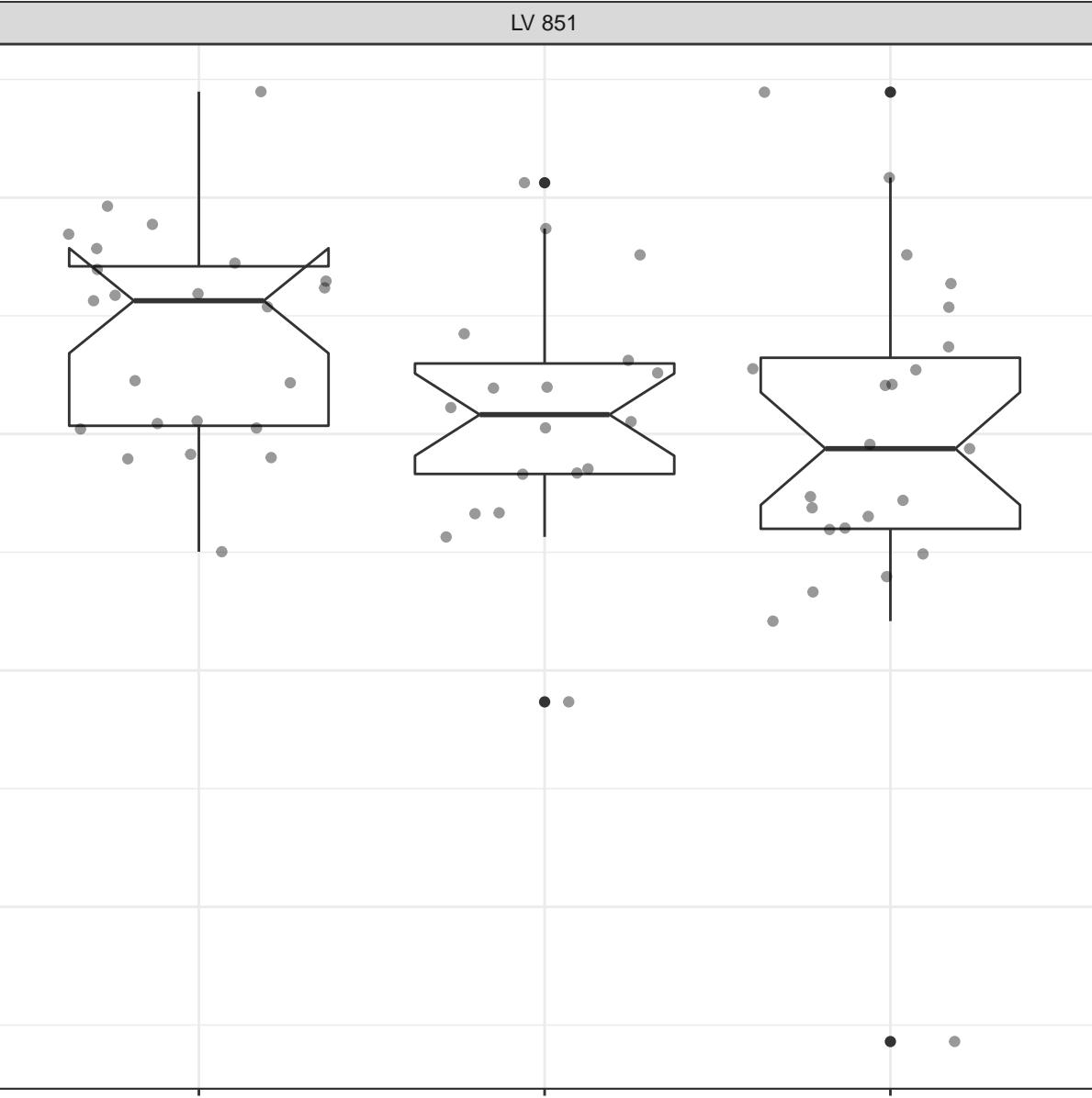
-0.10

Control

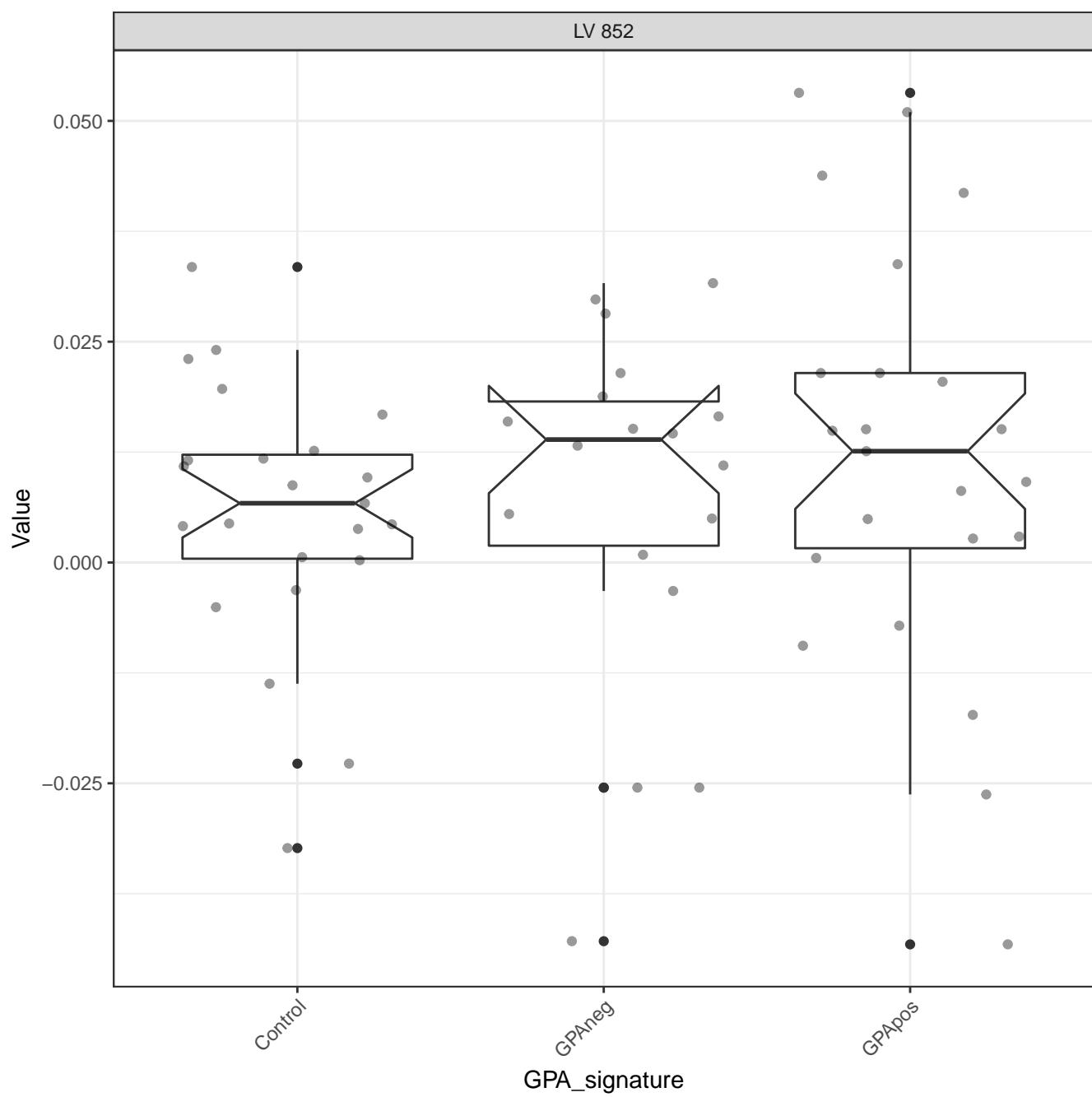
GPA_signature

GPAneg

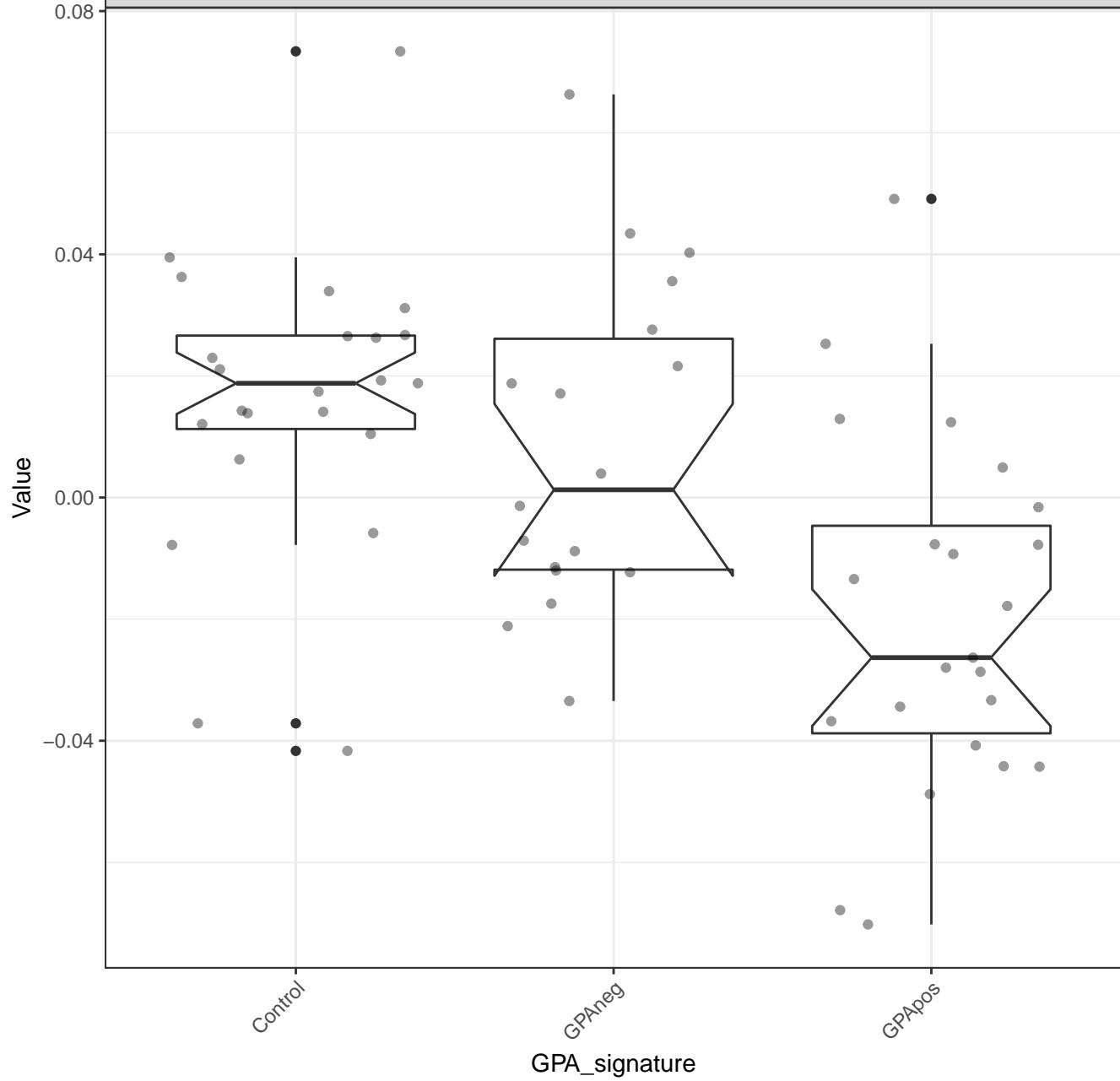
GPApos



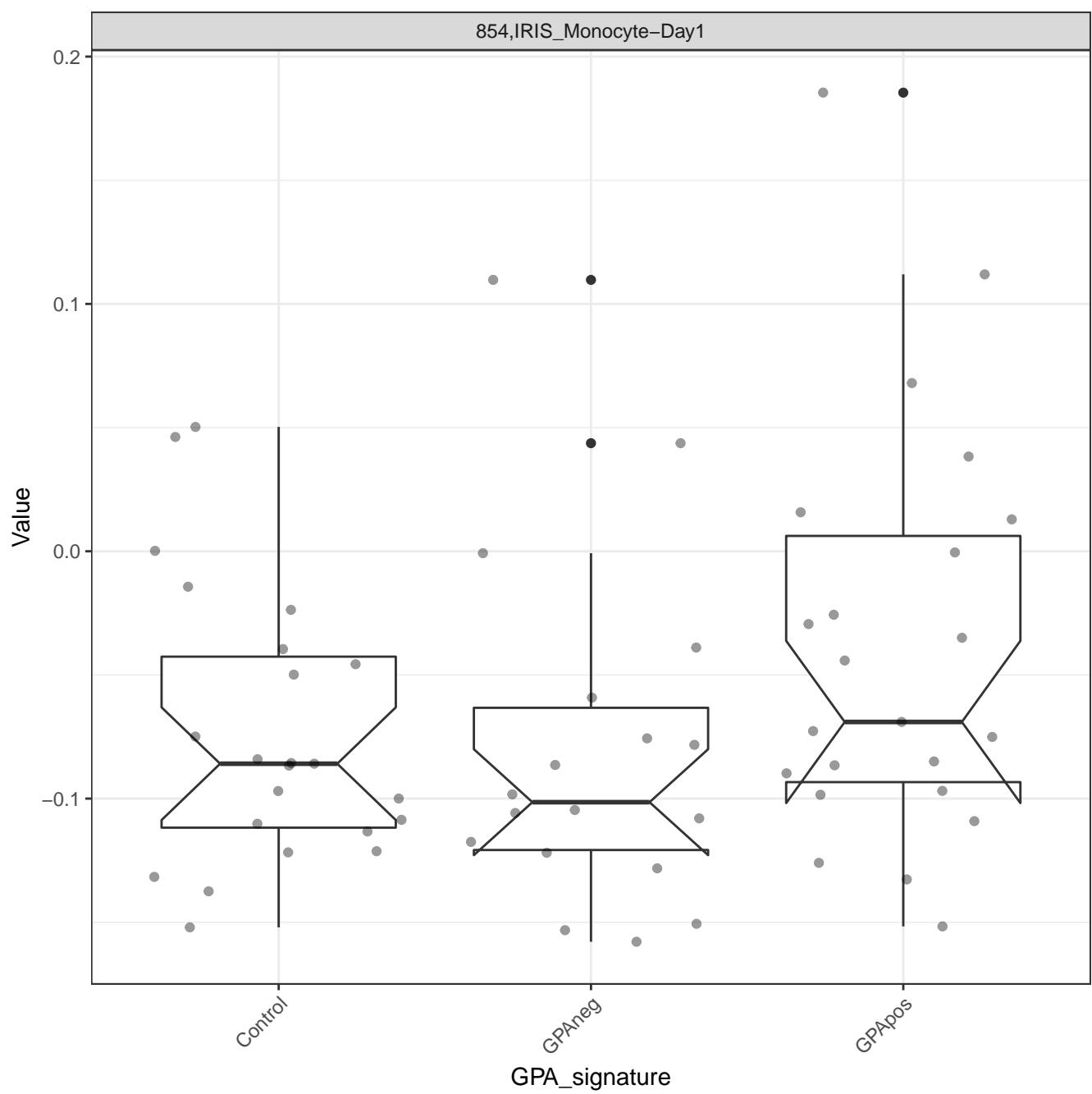
LV 852



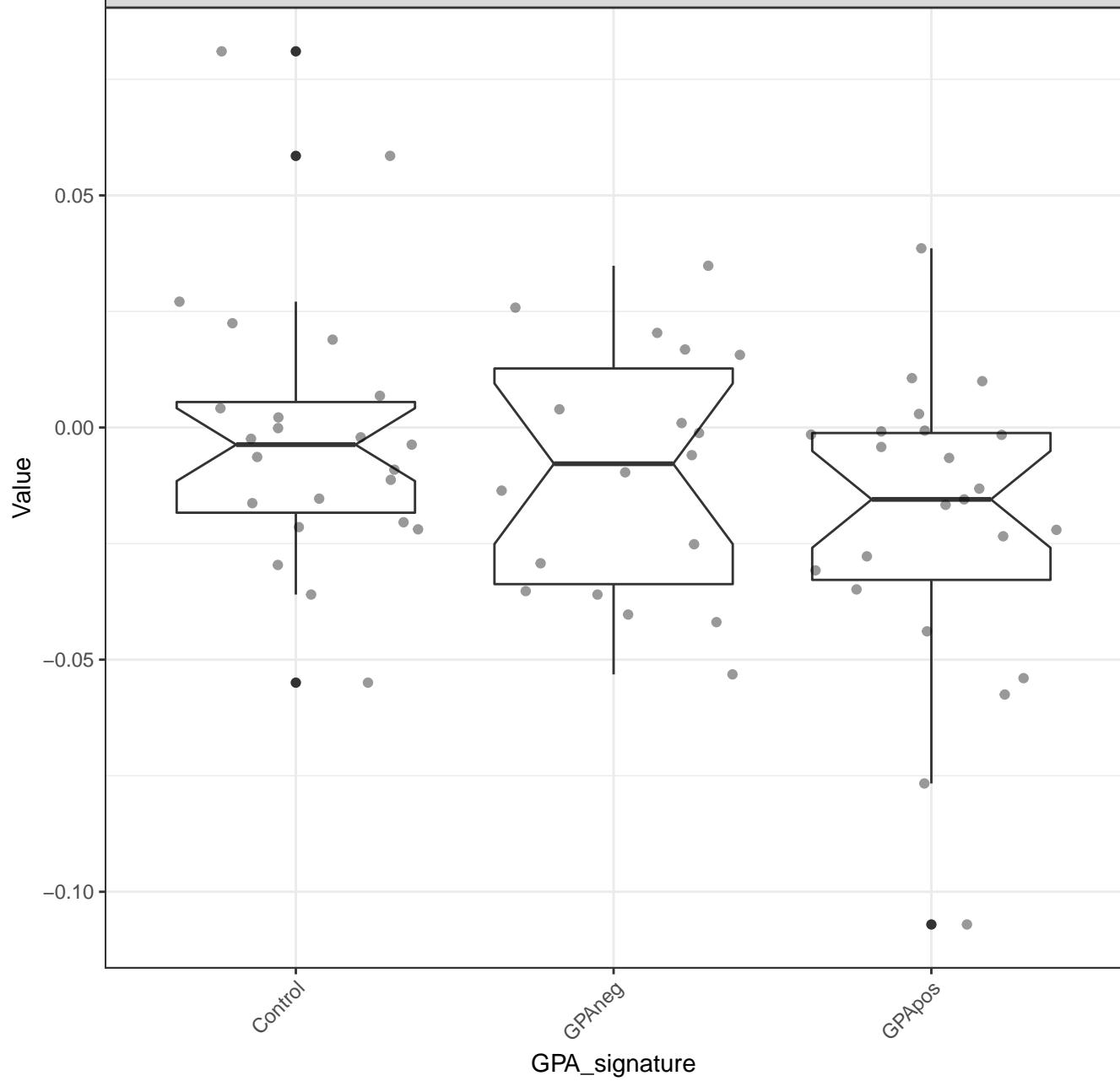
LV 853



854,IRIS_Monocyte–Day1

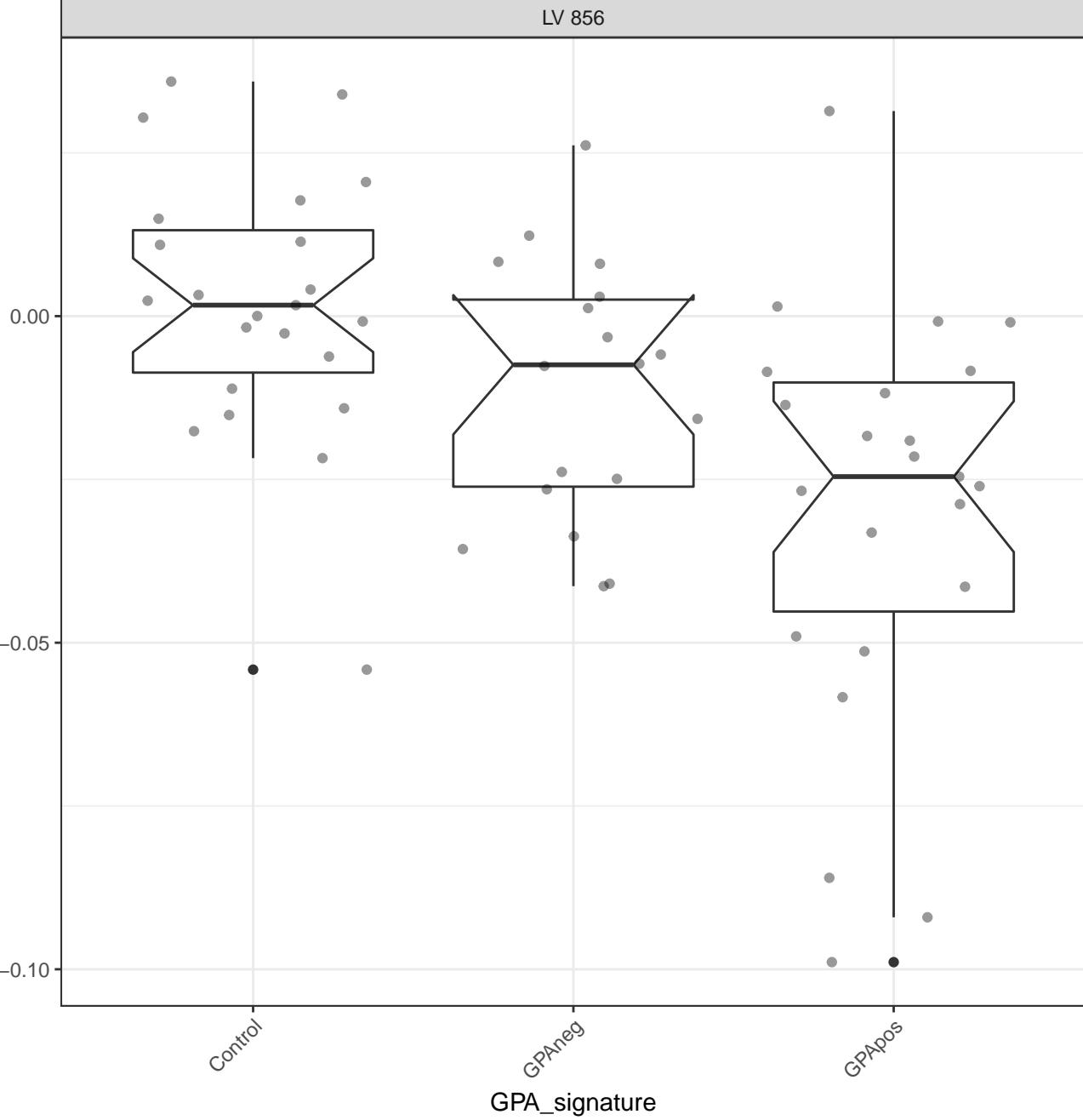


LV 855



LV 856

Value



LV 857

Value

0.05

0.00

-0.05

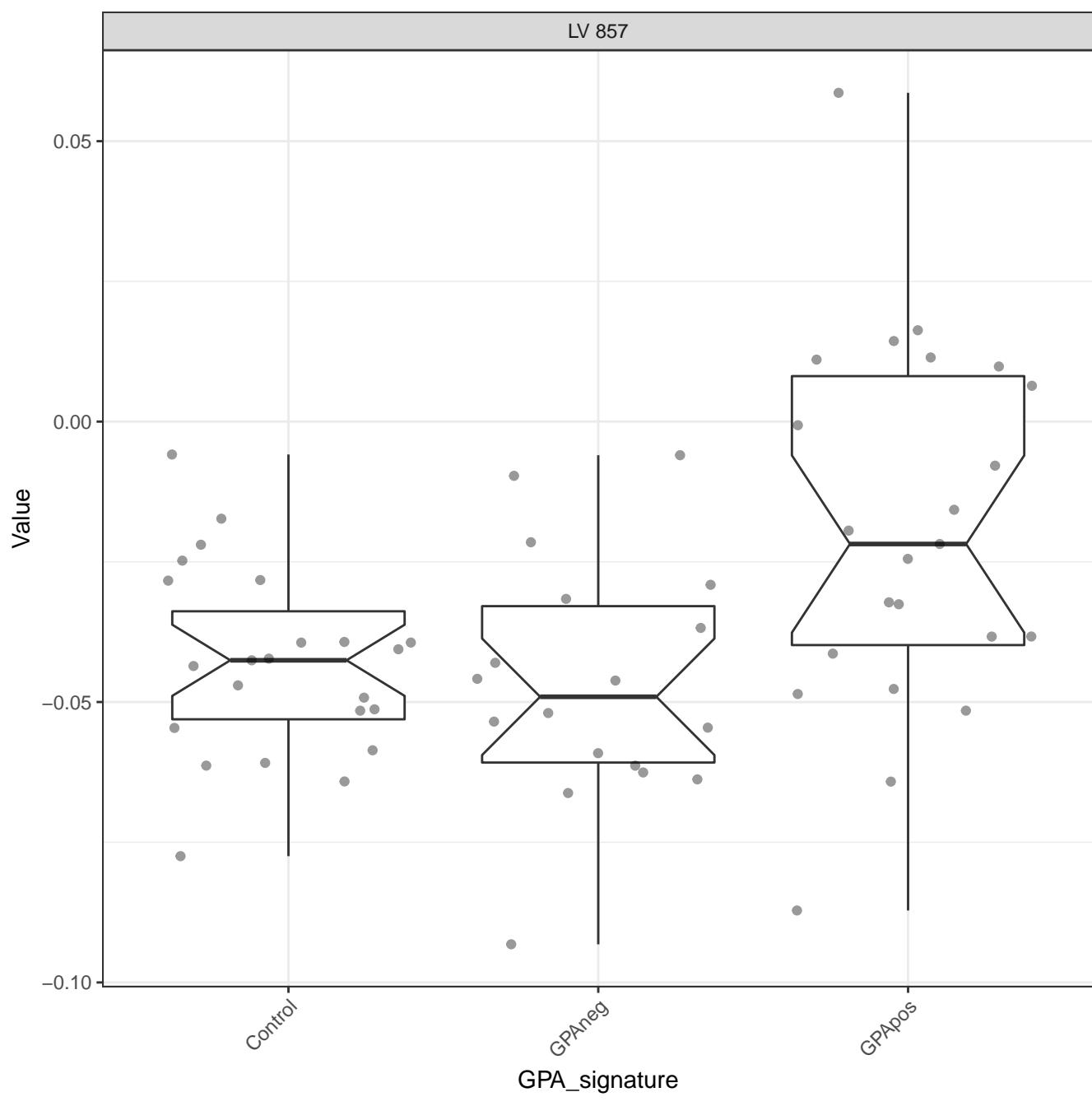
-0.10

Control

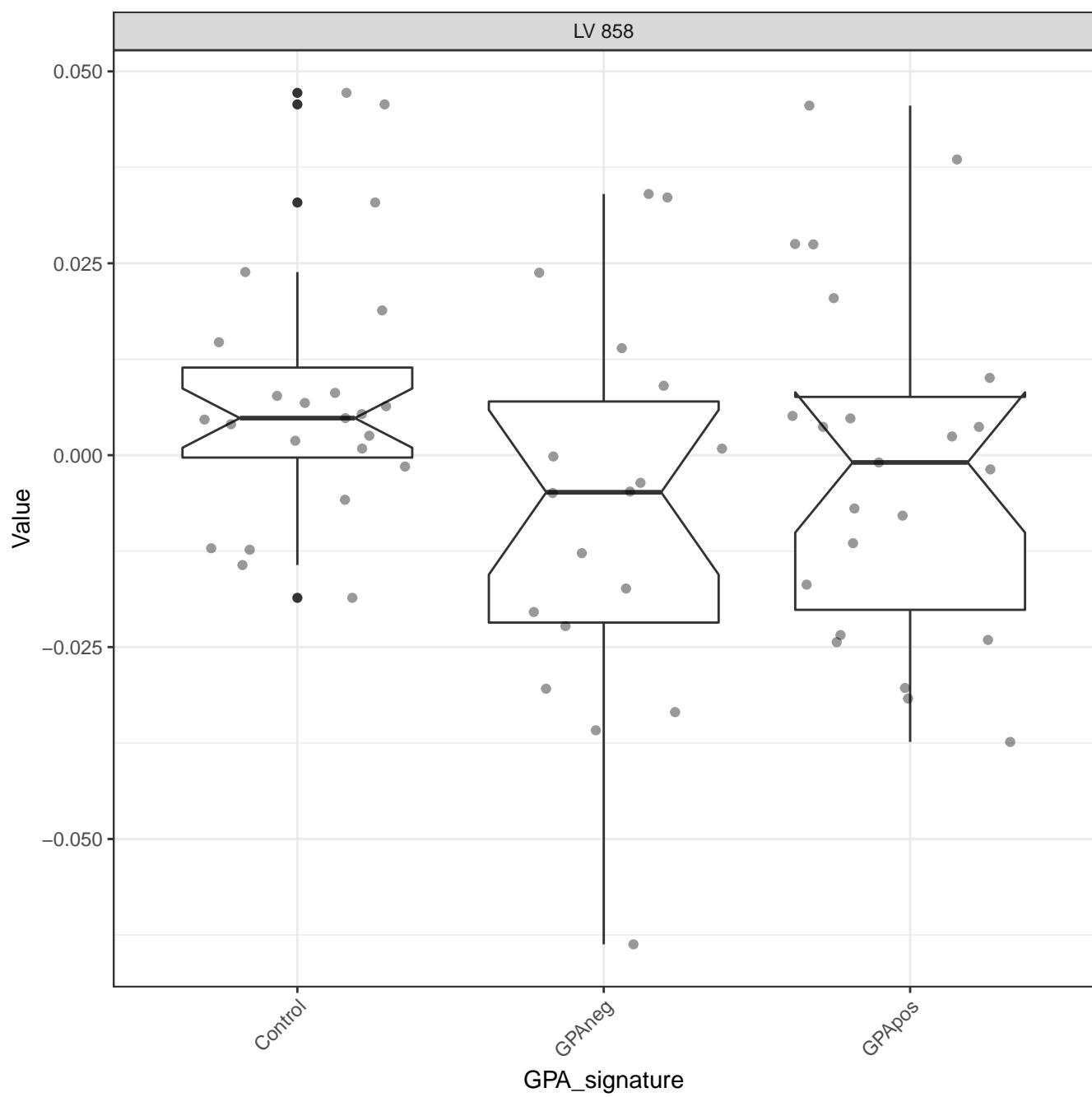
GPAneg

GPApos

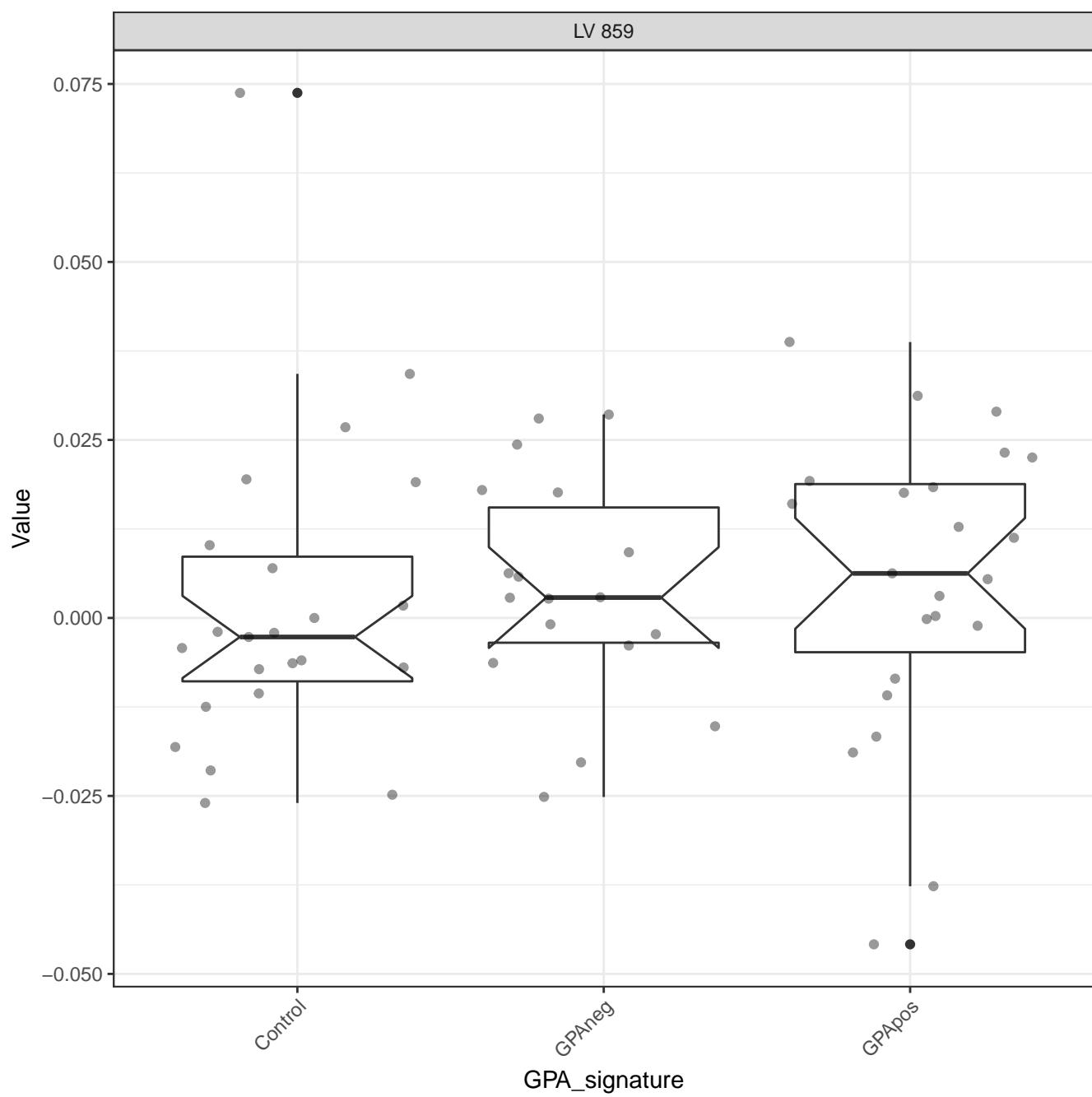
GPA_signature



LV 858



LV 859



LV 860

Value

0.075

0.050

0.025

0.000

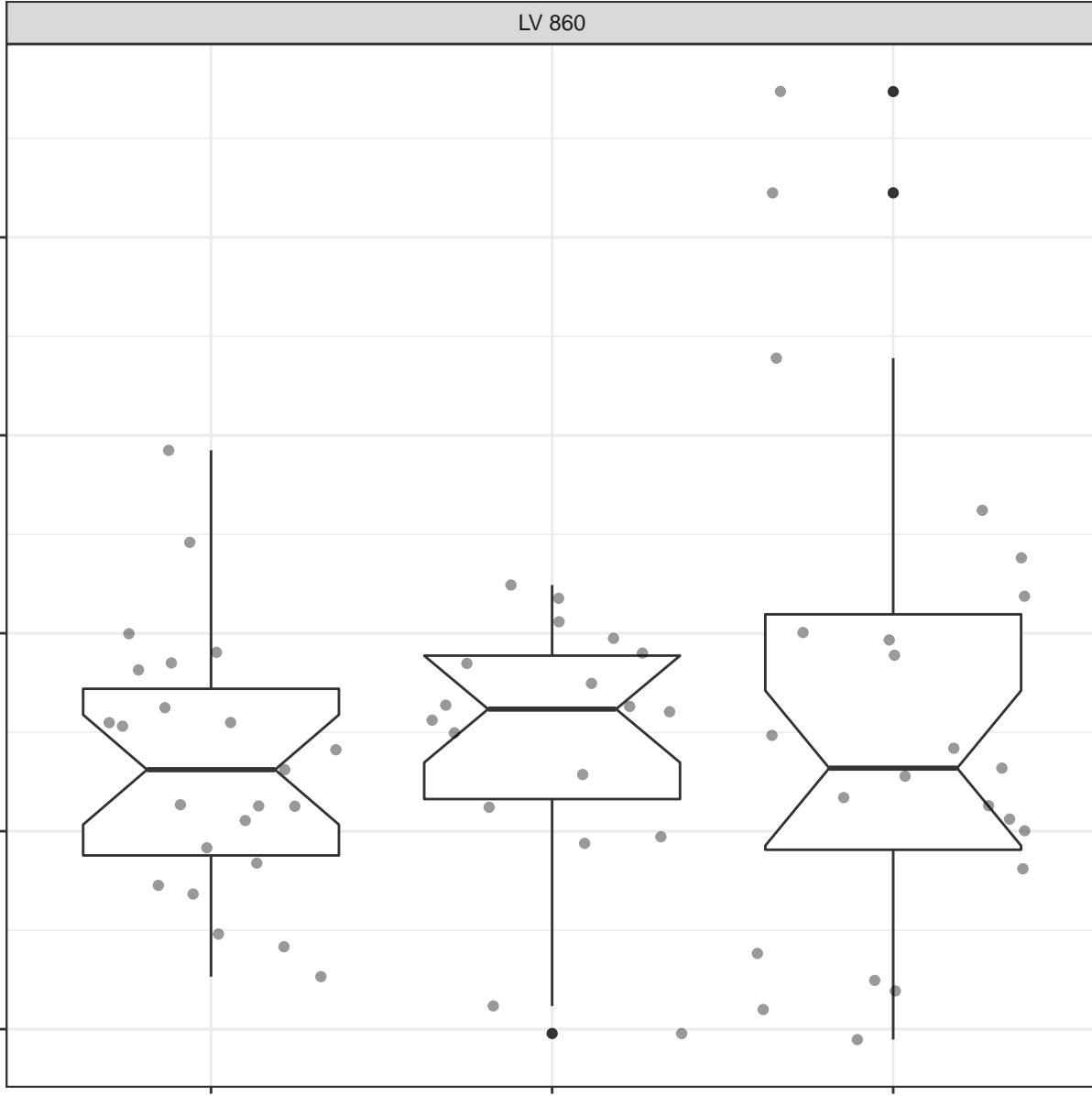
-0.025

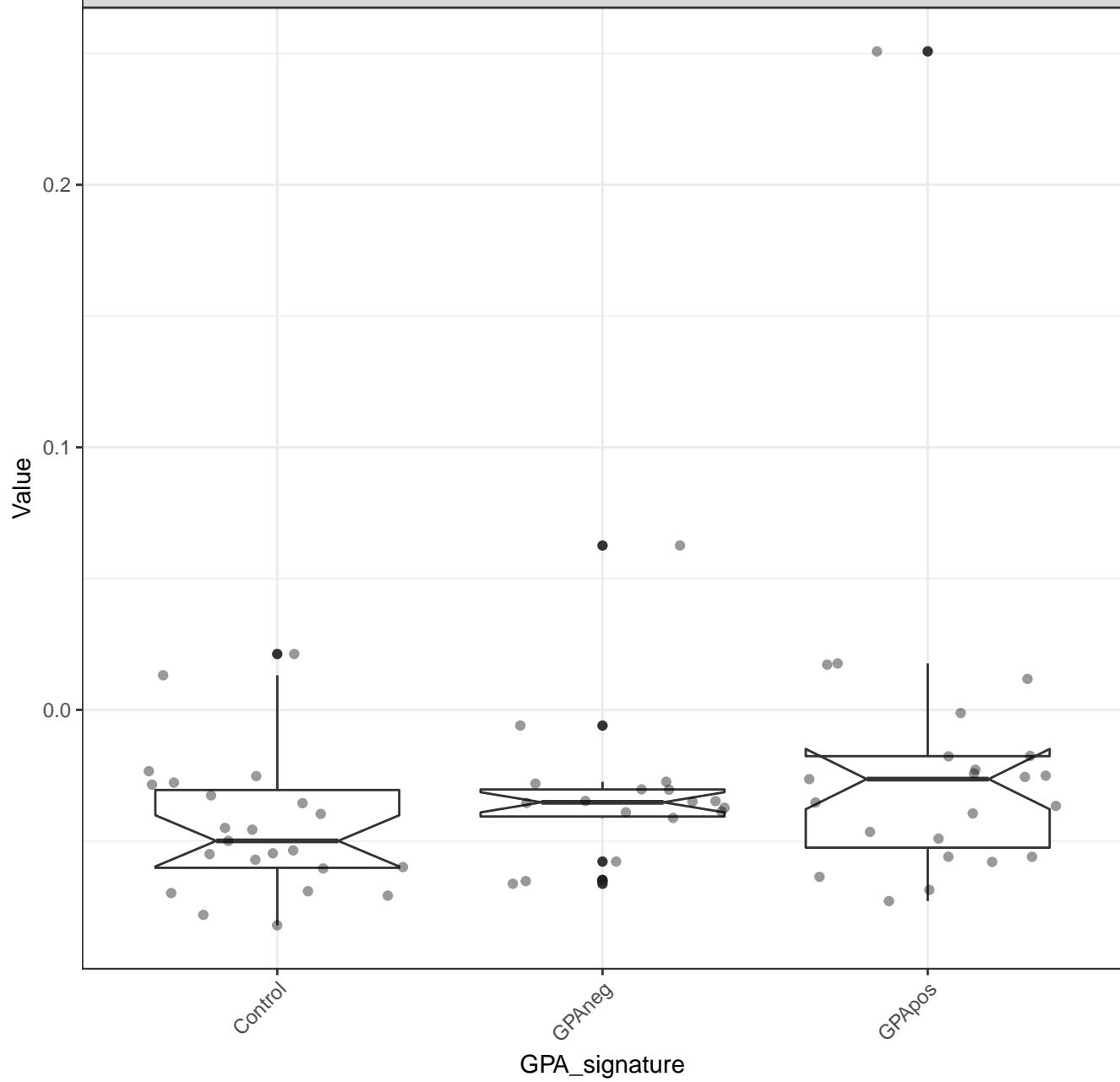
Control

GPA_signature

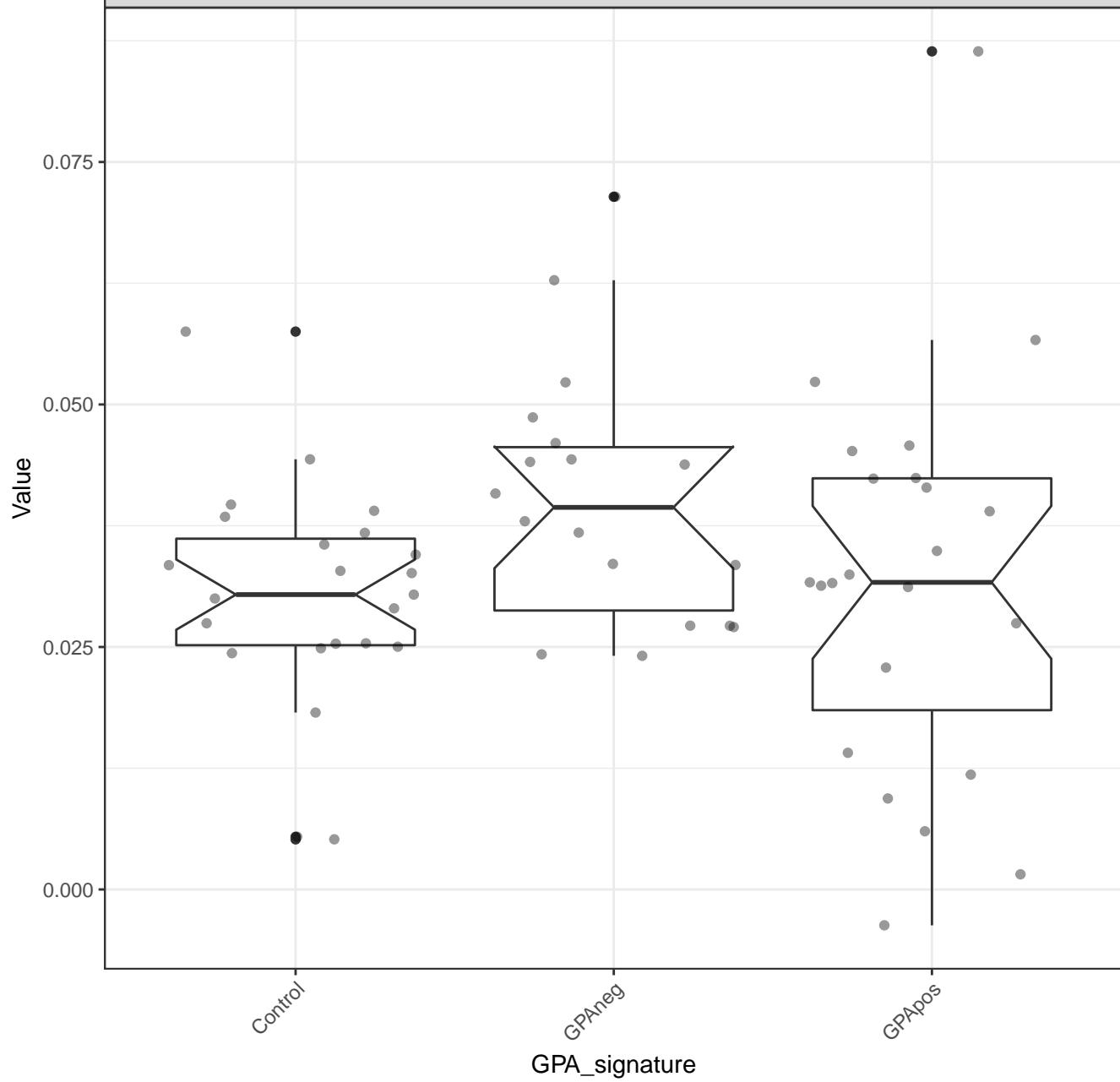
GPAneg

GPAPos

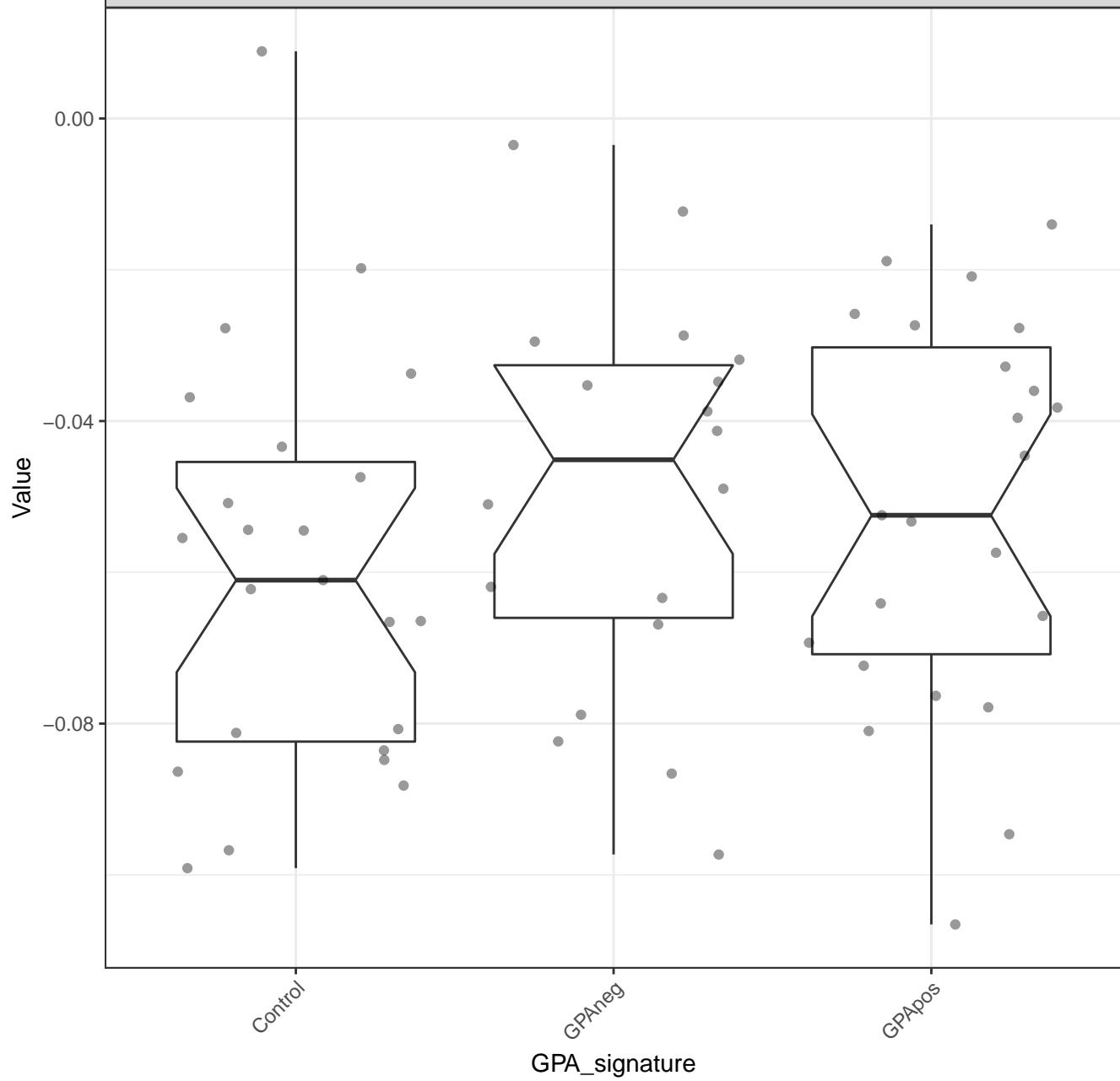




LV 862



LV 863



LV 864

Value

0.050

0.025

0.000

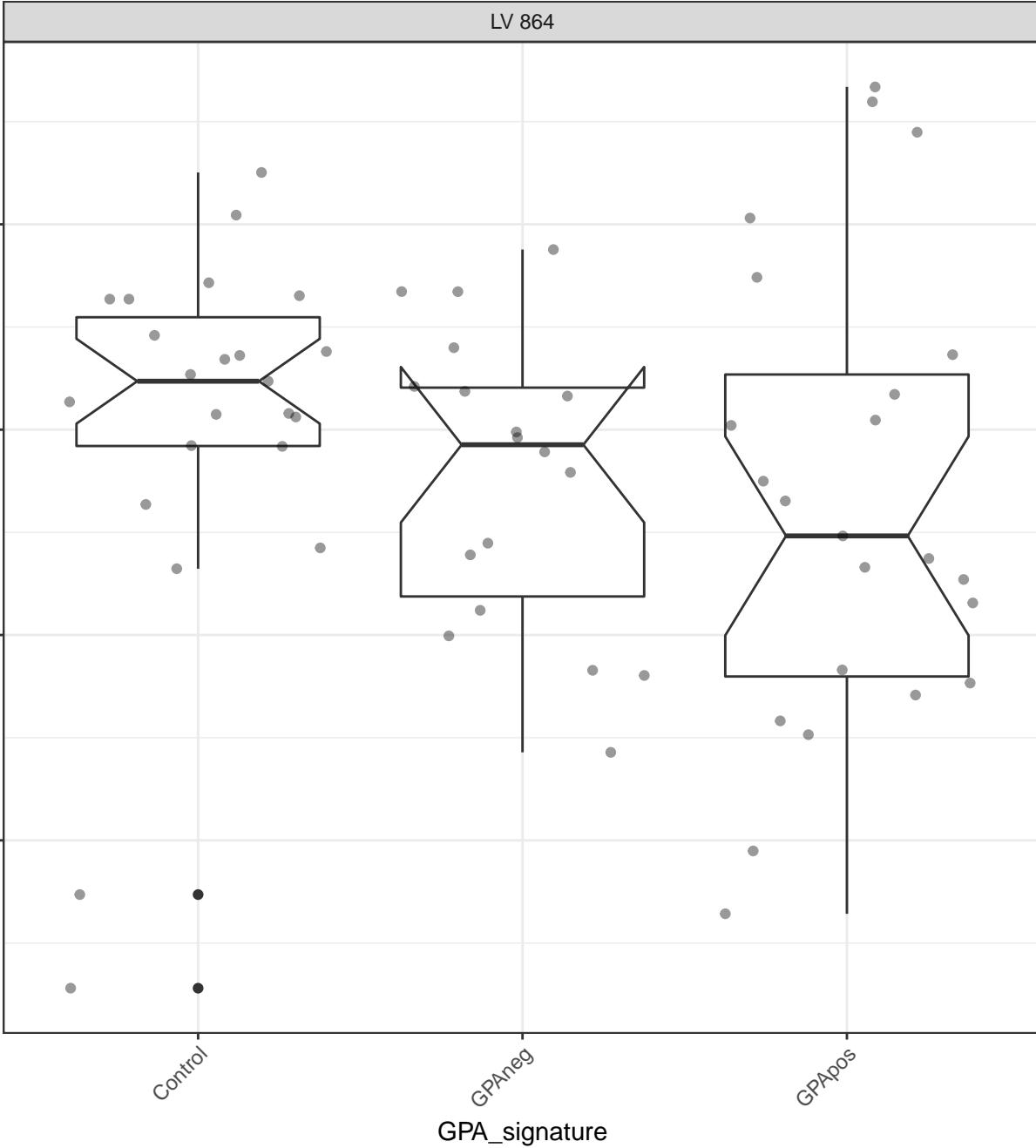
-0.025

Control

GPAneg

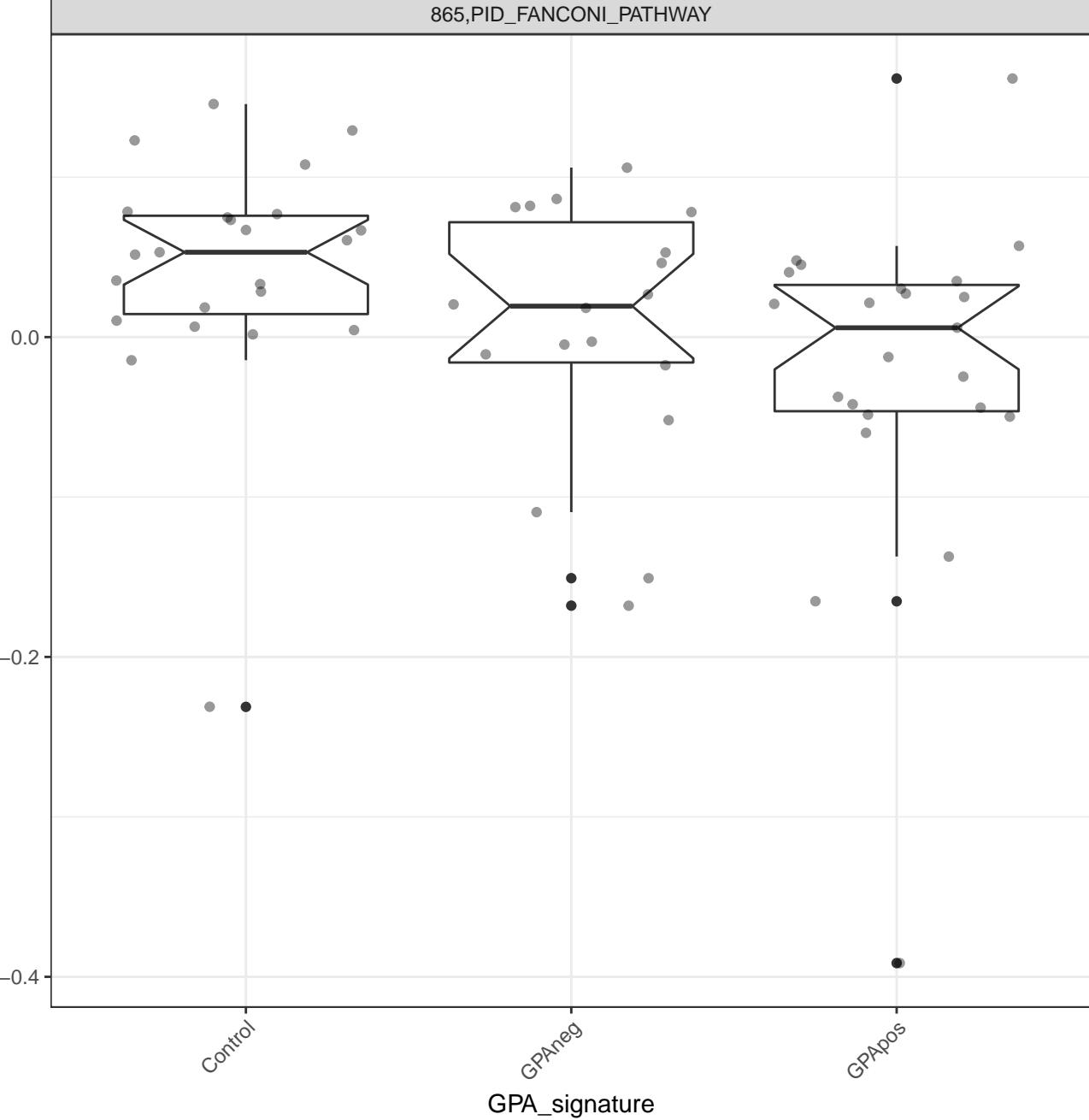
GPAPos

GPA_signature

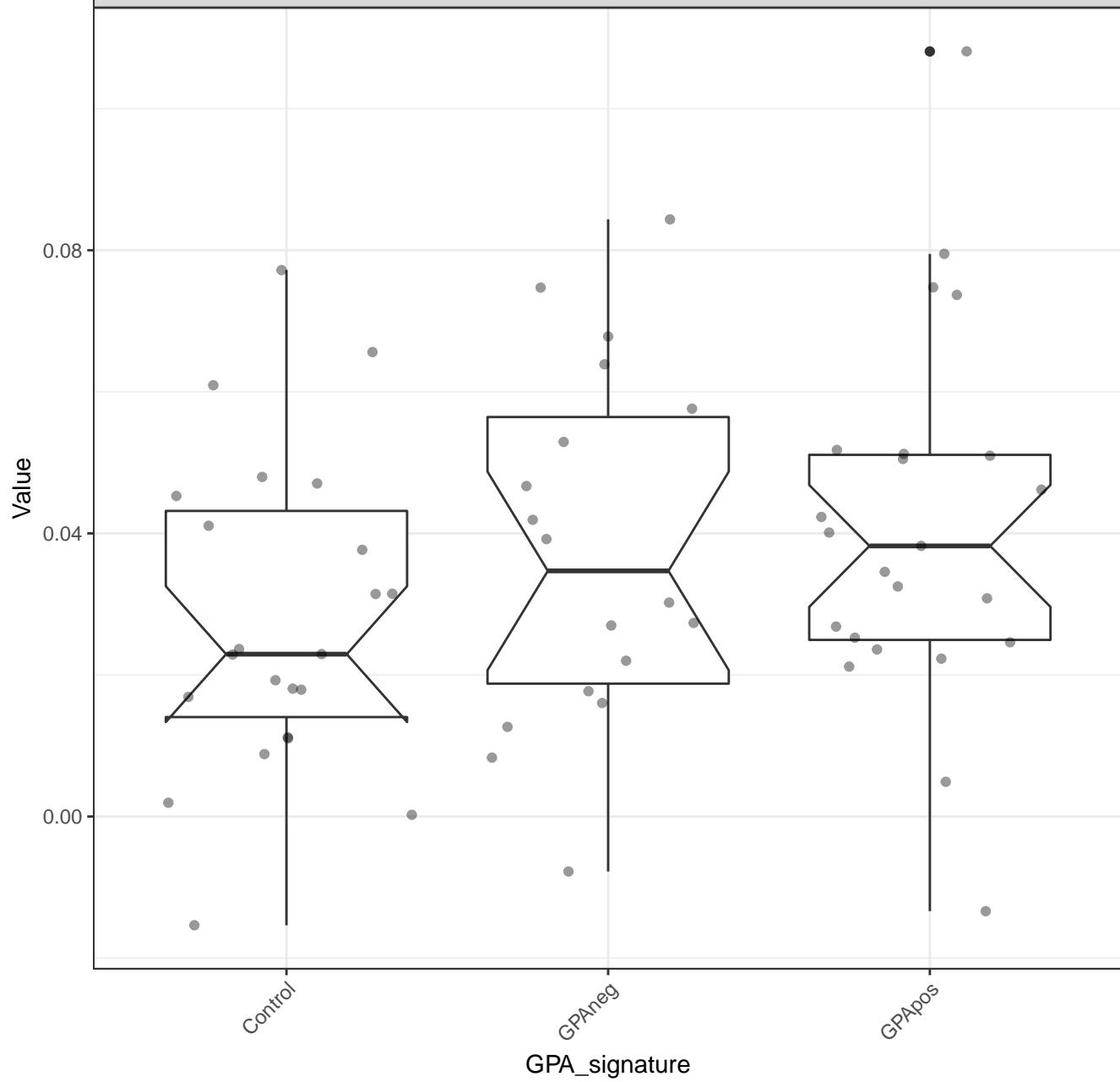


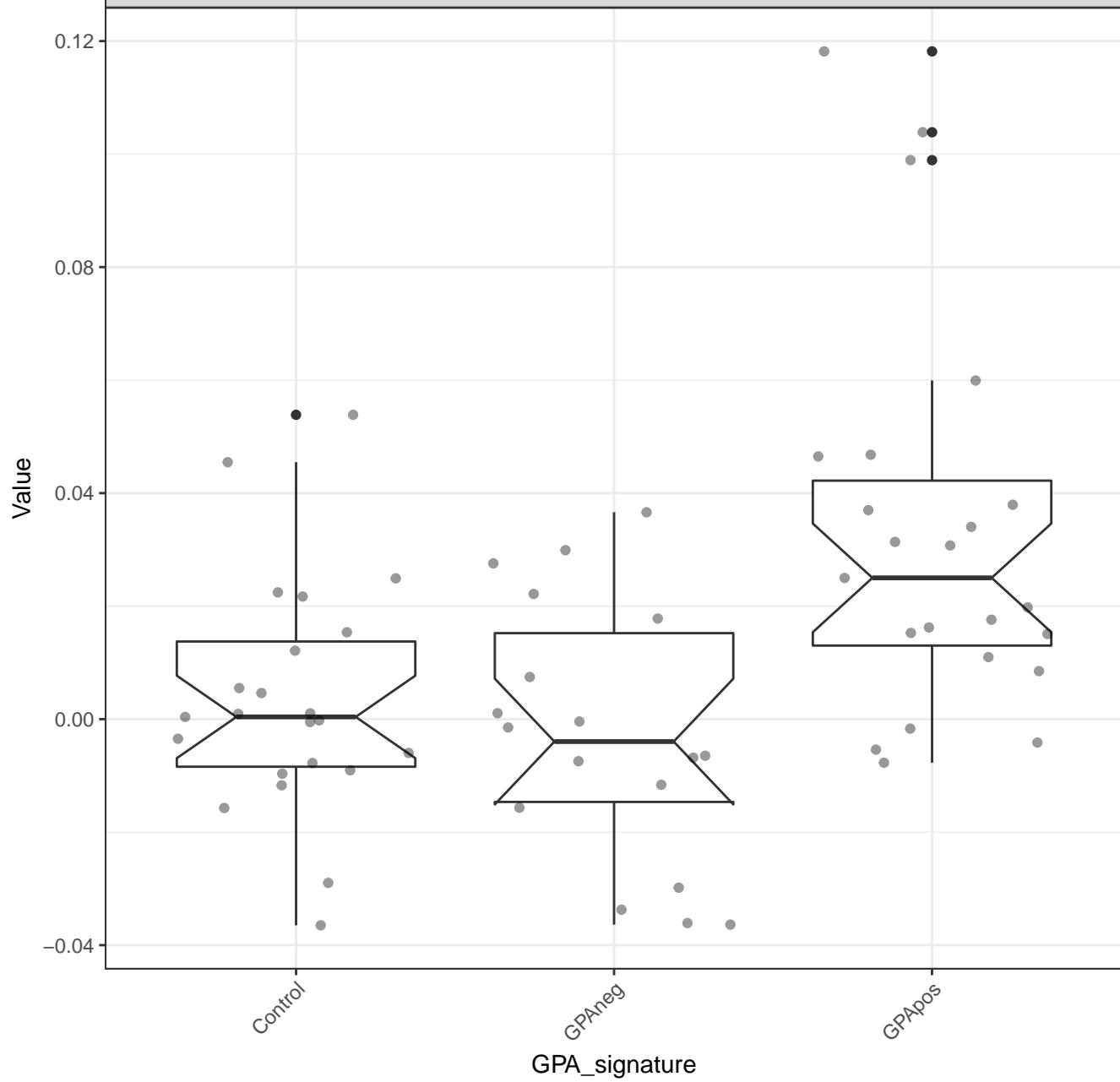
865,PID_FANCONI_PATHWAY

Value



LV 866





LV 868

Value

0.050

0.025

0.000

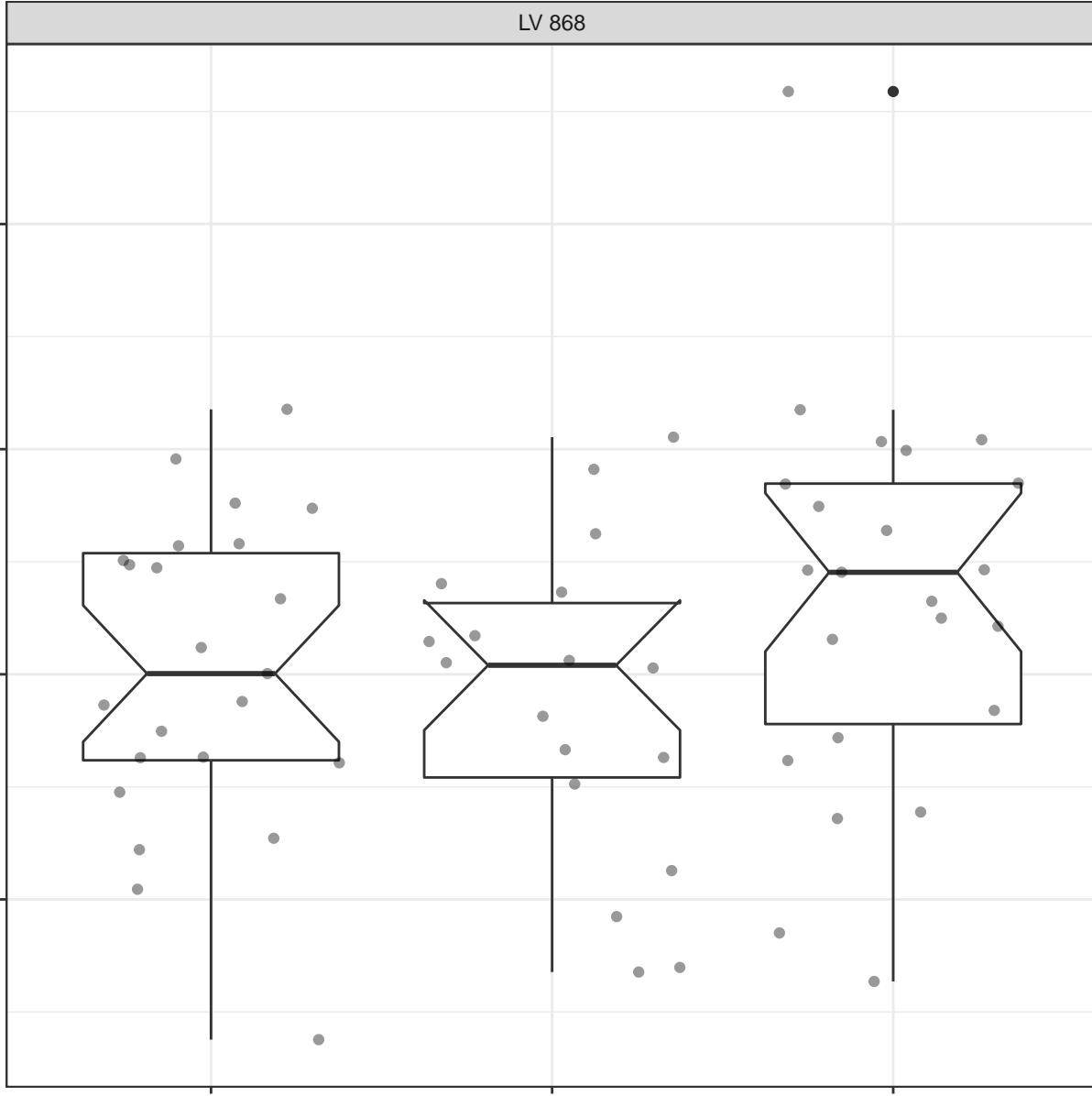
-0.025

Control

GPA_signature

GPAneg

GPApos



LV 869

Value

0.025

0.000

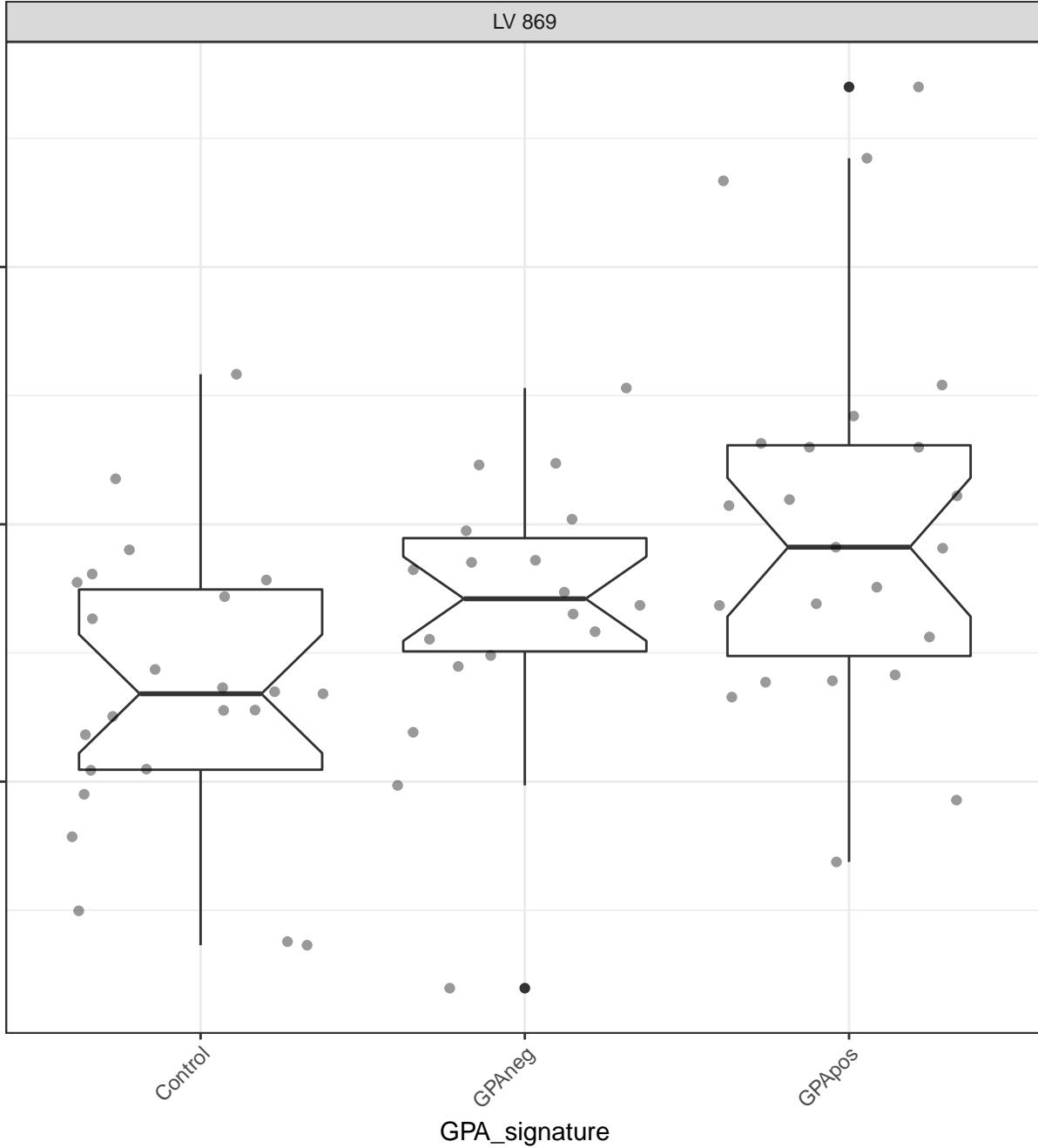
-0.025

Control

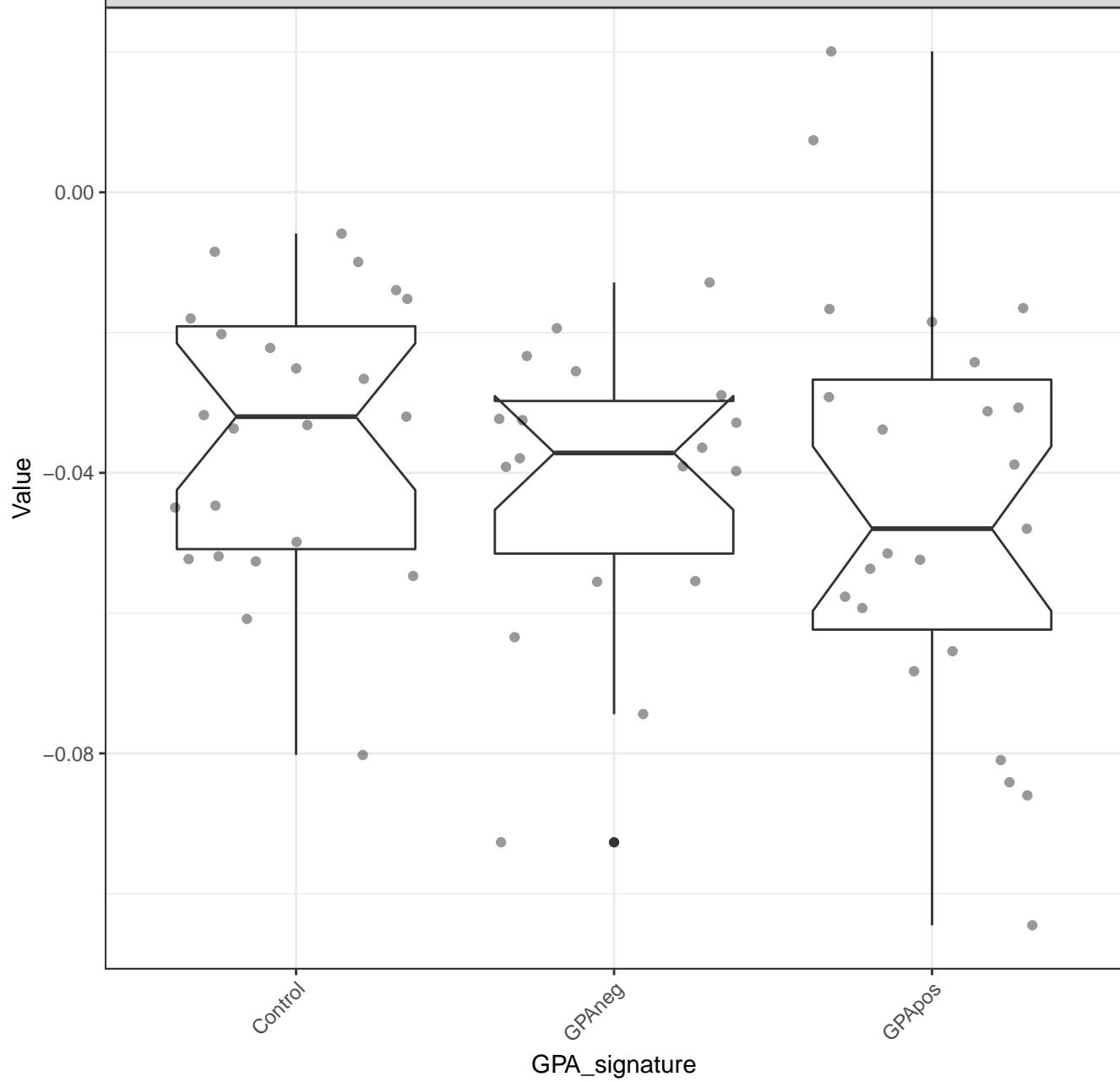
GPAneg

GPApos

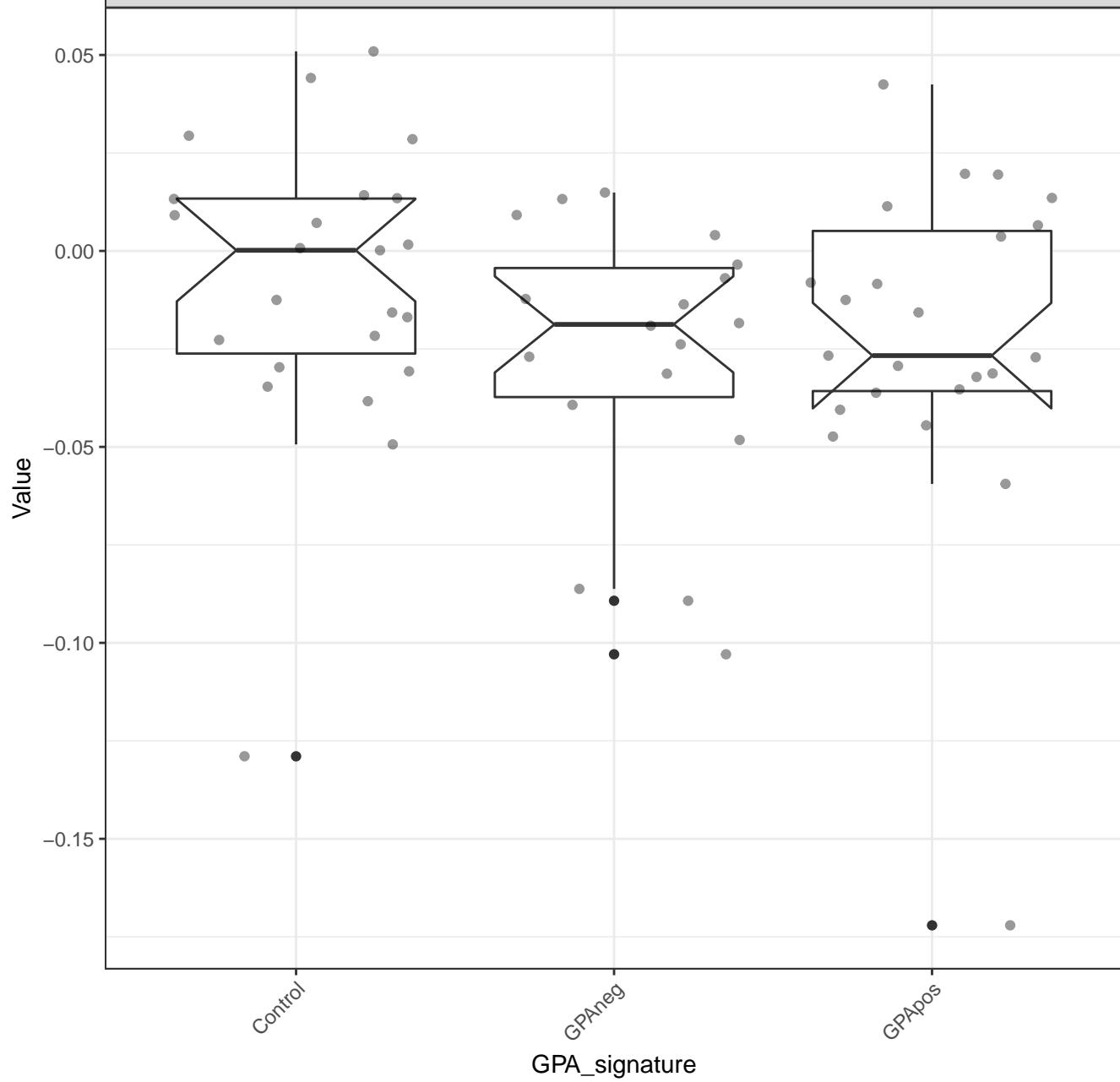
GPA_signature



LV 870



LV 871



LV 872

Value

0.04

0.02

0.00

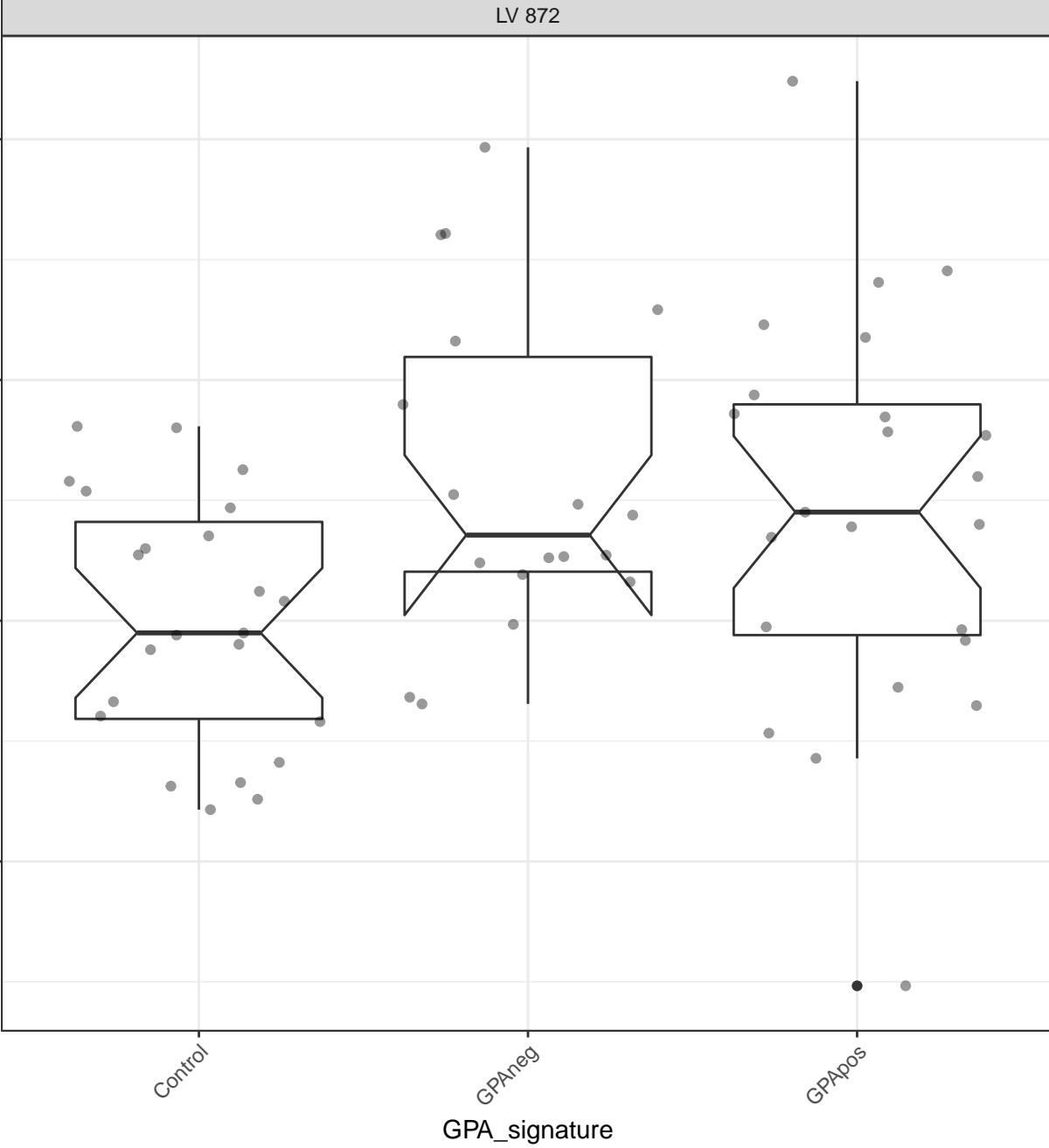
-0.02

Control

GPAneg

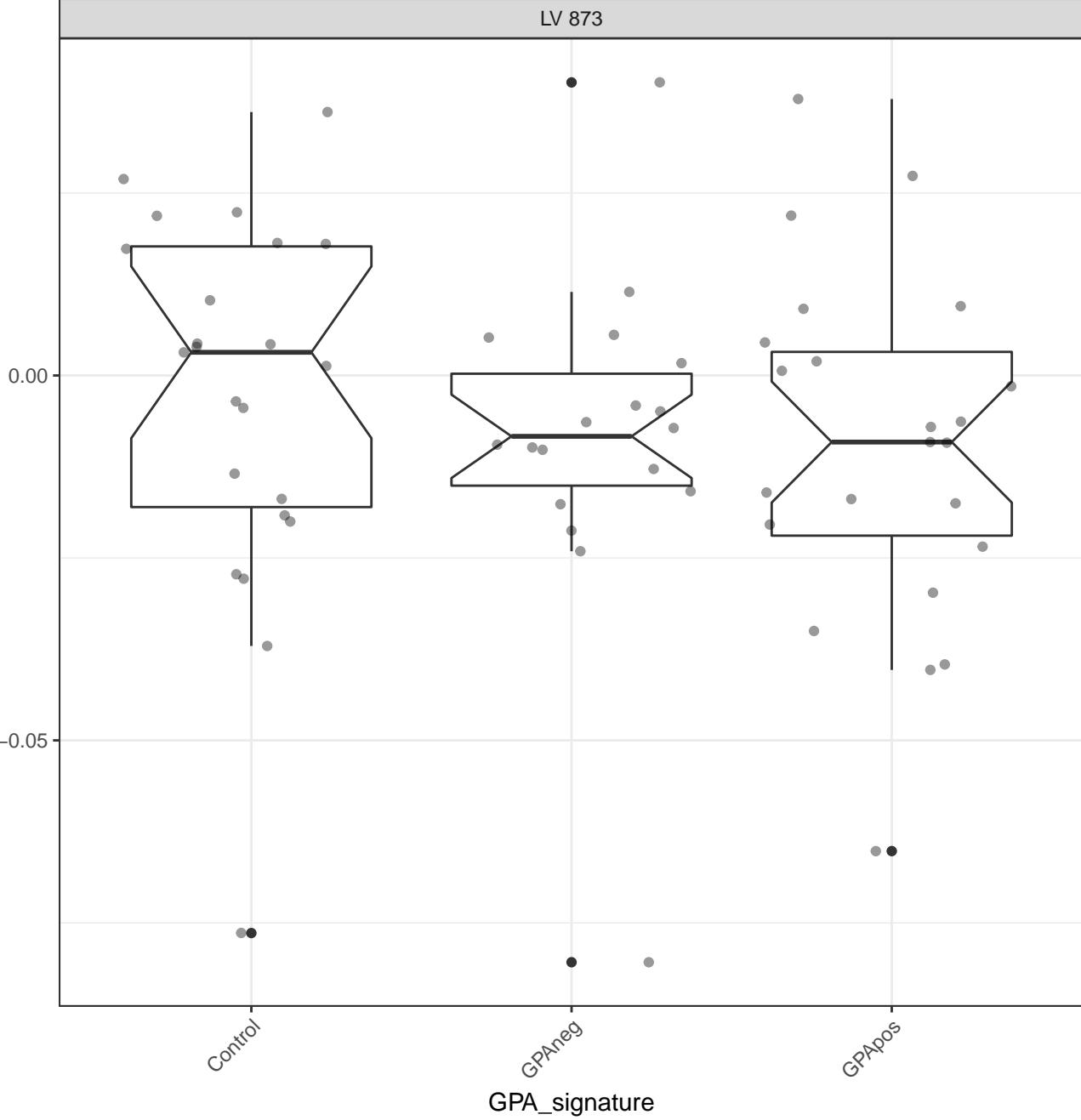
GPApos

GPA_signature

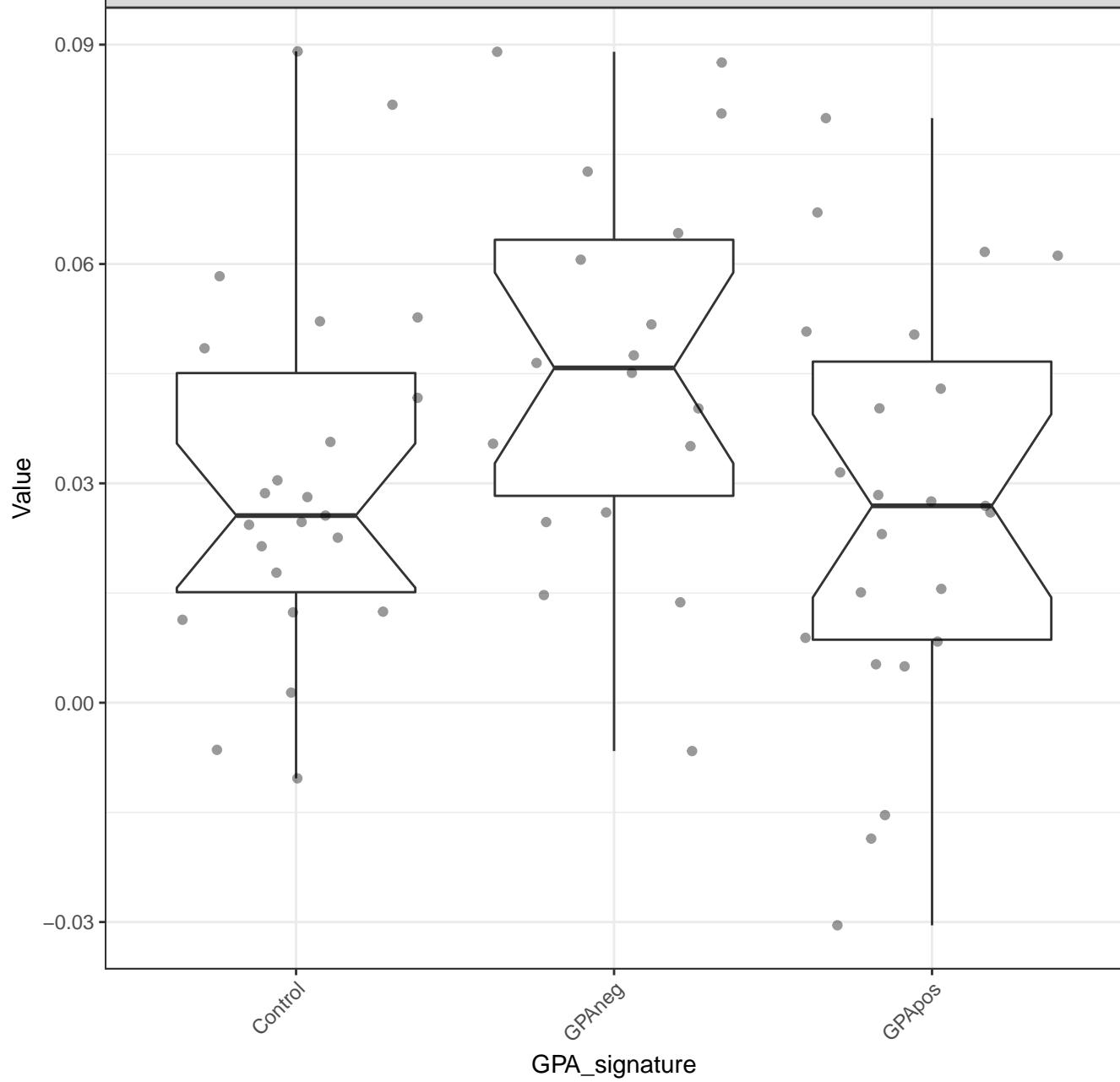


LV 873

Value



LV 874



LV 875

Value

0.06

0.03

0.00

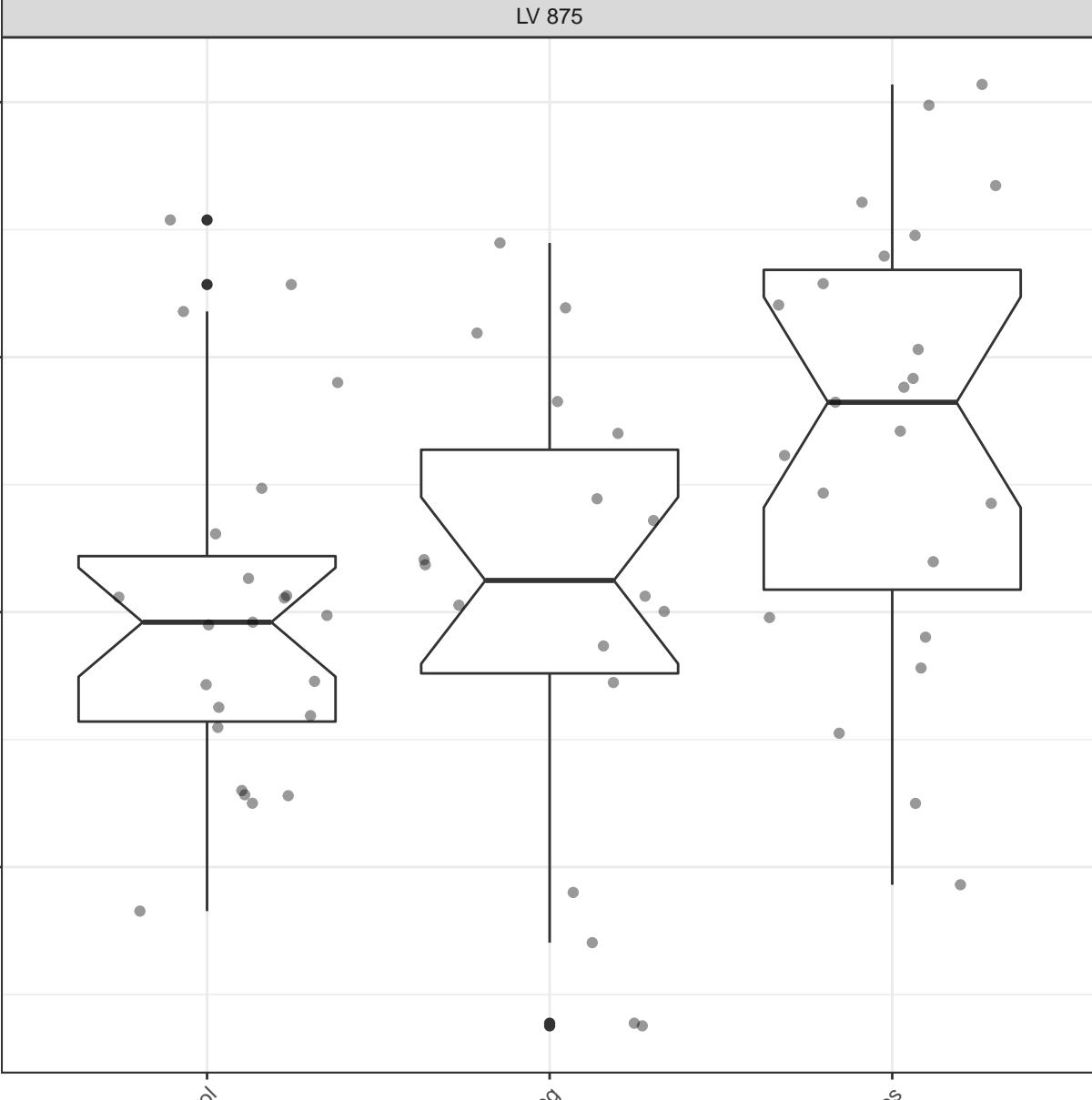
-0.03

Control

GPAneg

GPApos

GPA_signature



LV 876

Value

0.05

0.00

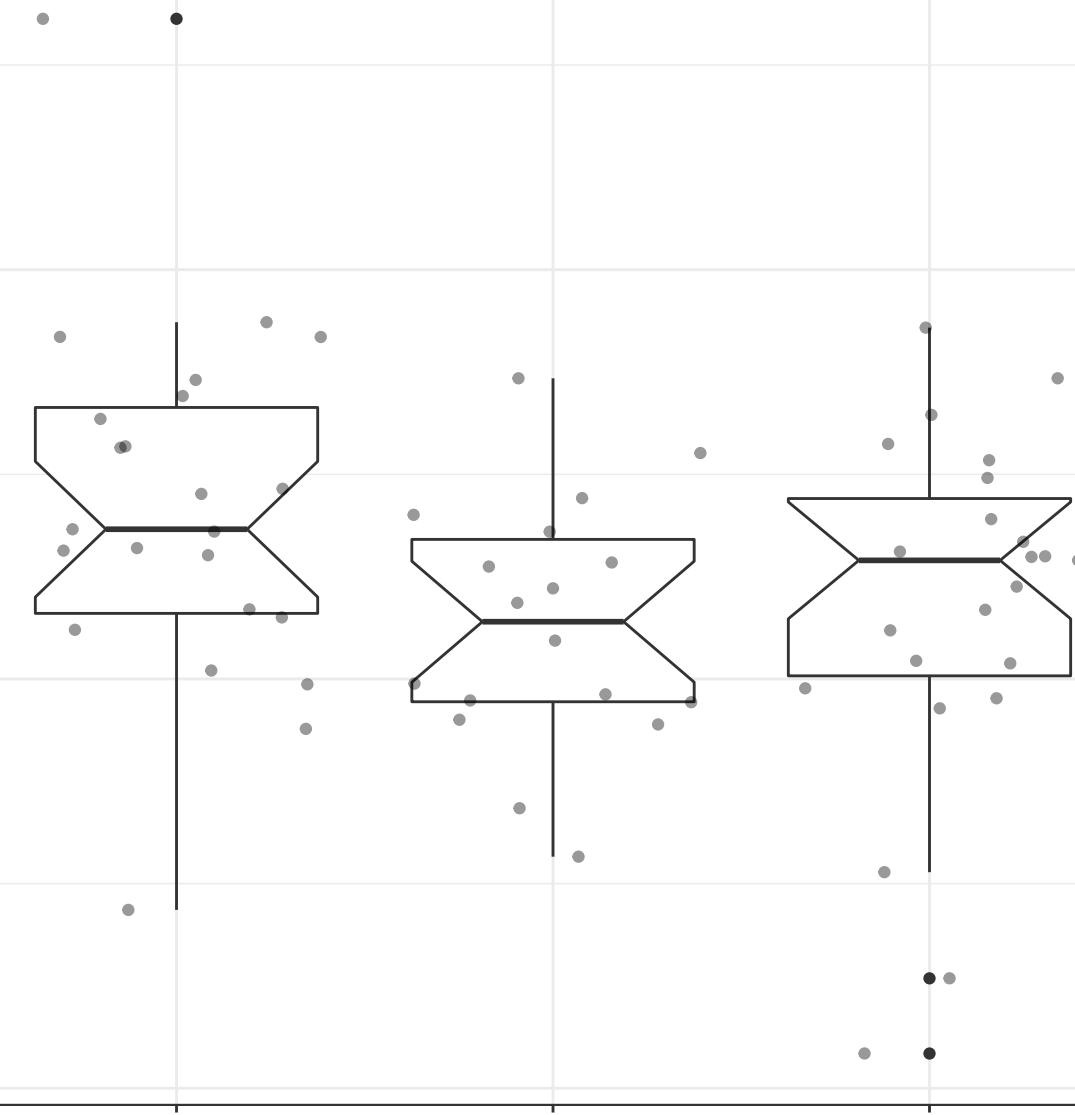
-0.05

Control

GPA_signature

GPAneg

GPApos



LV 877

Value

0.05

0.01

-0.05

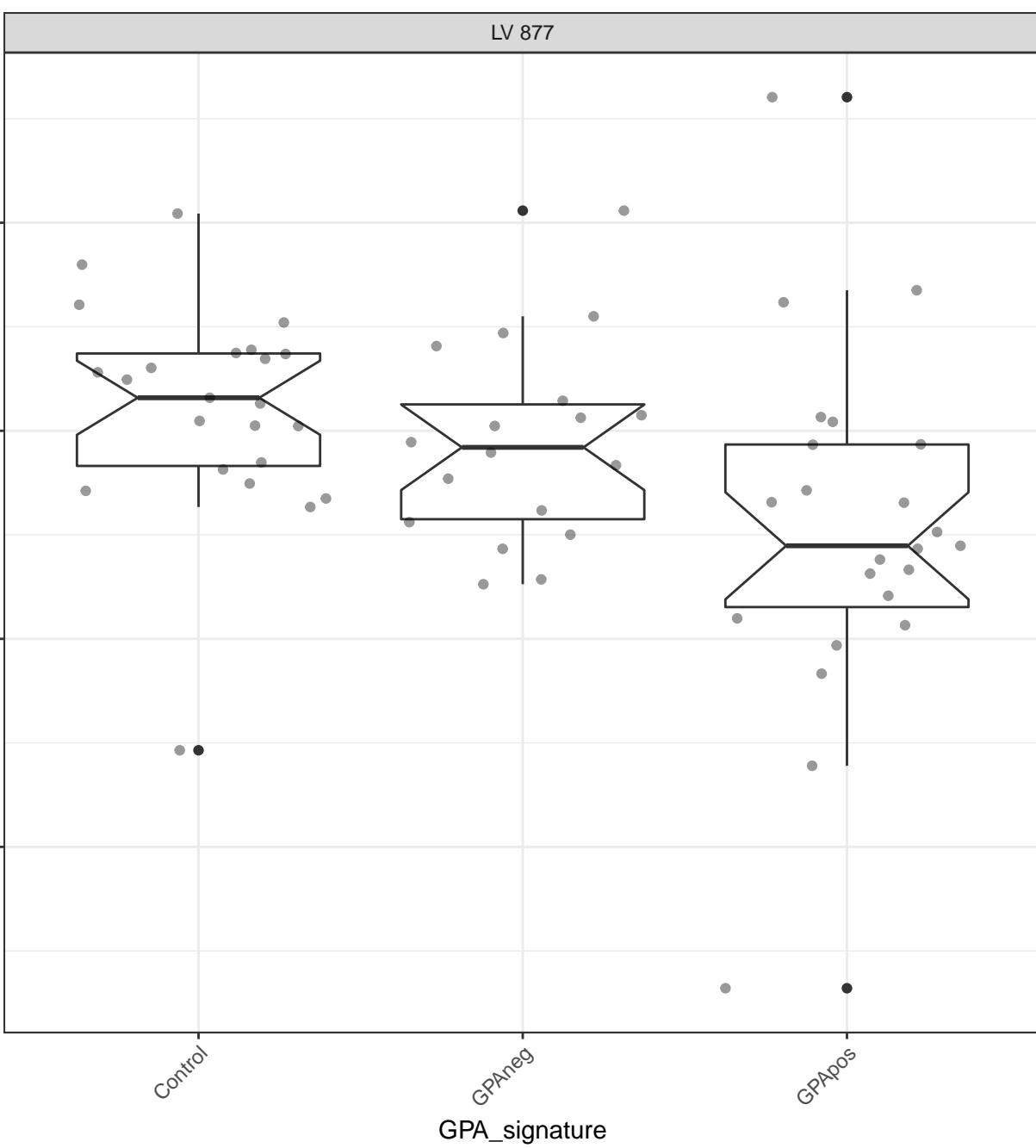
-0.10

Control

GPAneg

GPApos

GPA_signature



LV 878

Value

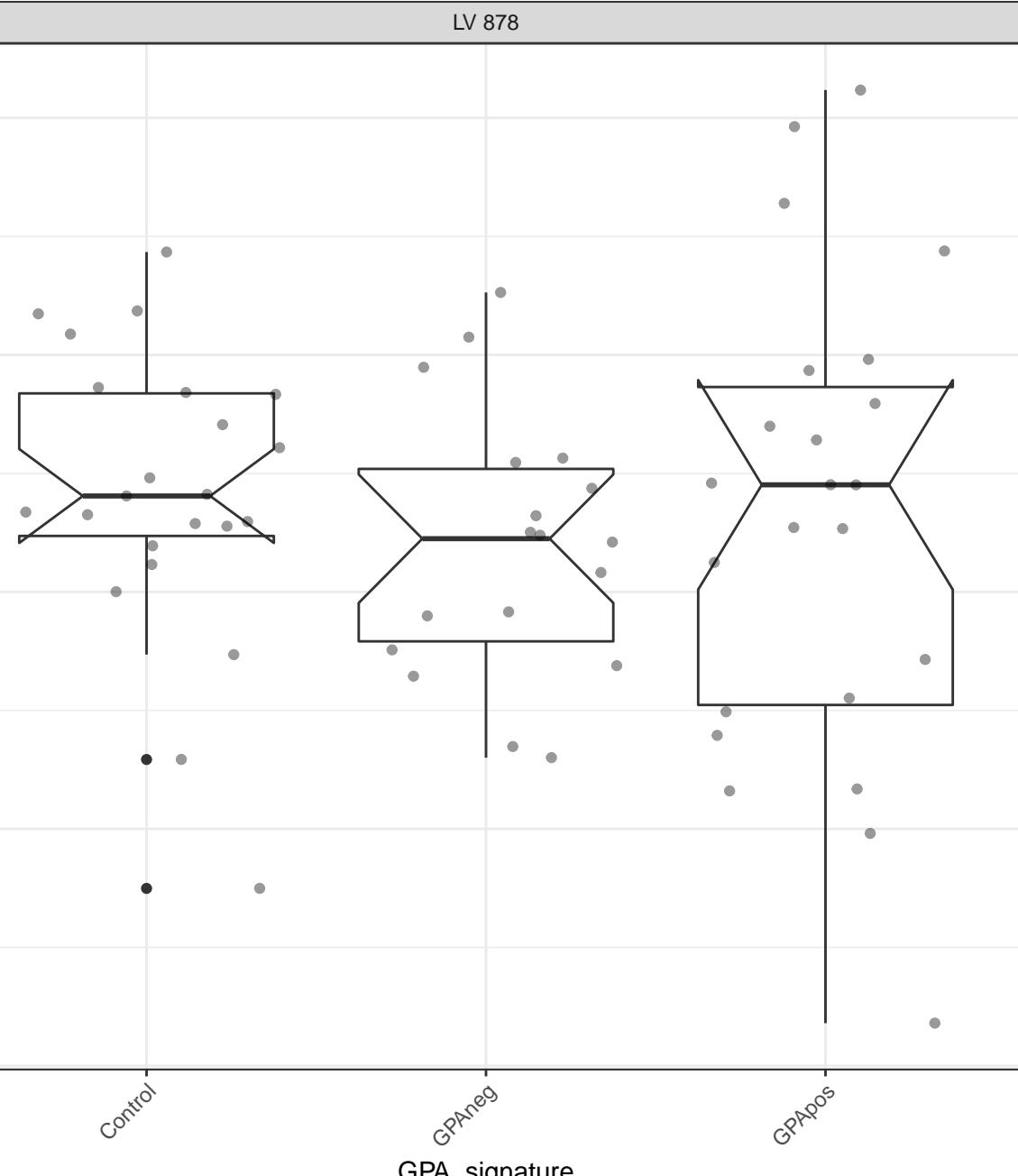
0.06
0.03
0.00
-0.03
-0.06

Control

GPAneg

GPAPos

GPA_signature



879,REACTOME_HEPARAN_SULFATE_HEPARIN_HS_GAG_METABOLISM

Value

0.05

0.00

-0.05

-0.10

-0.15

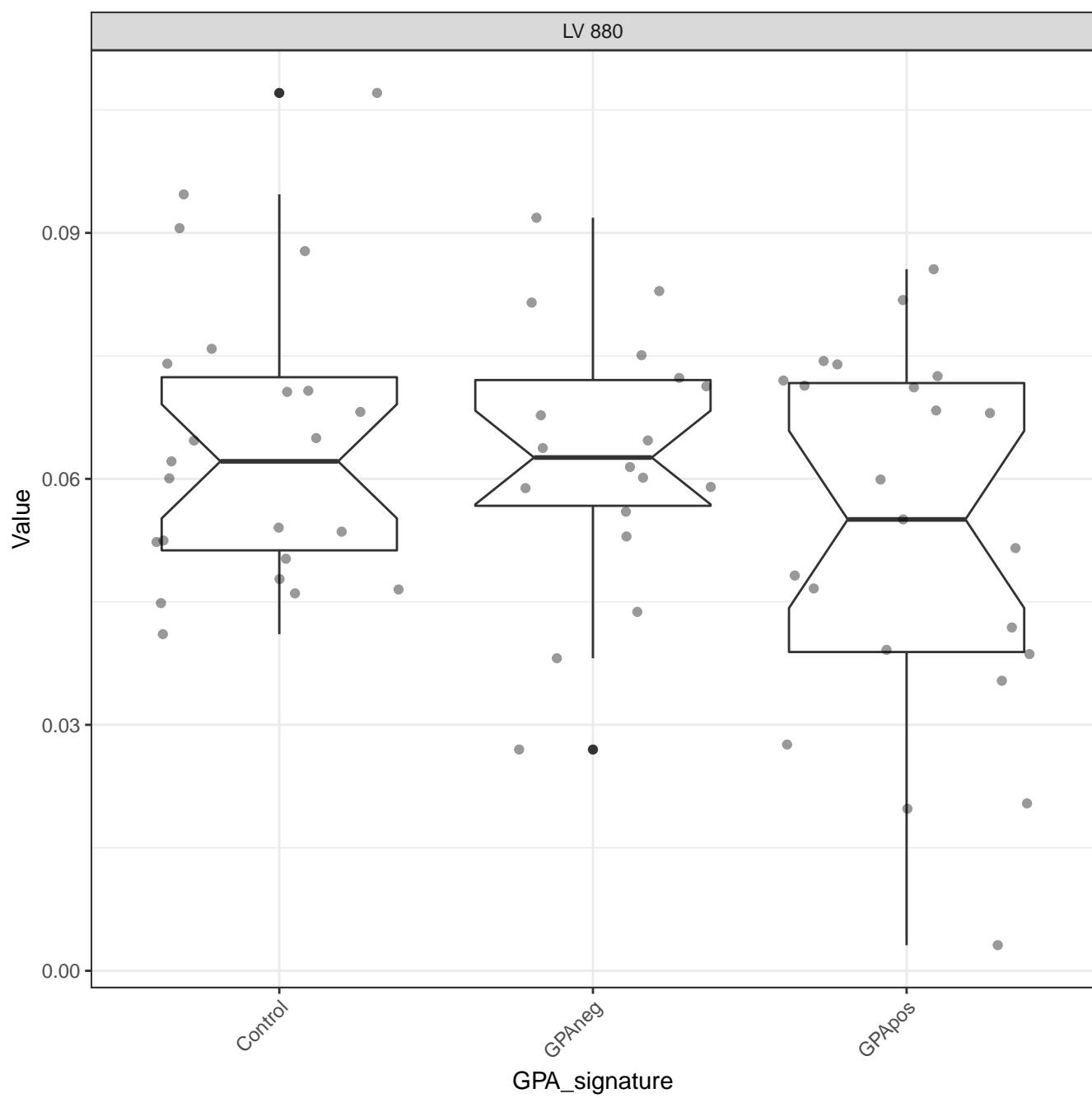
Control

GPAneg

GPAPos

GPA_signature

LV 880



881,REACTOME_DNA_STRAND_ELONGATION

Value

0.3

0.2

0.1

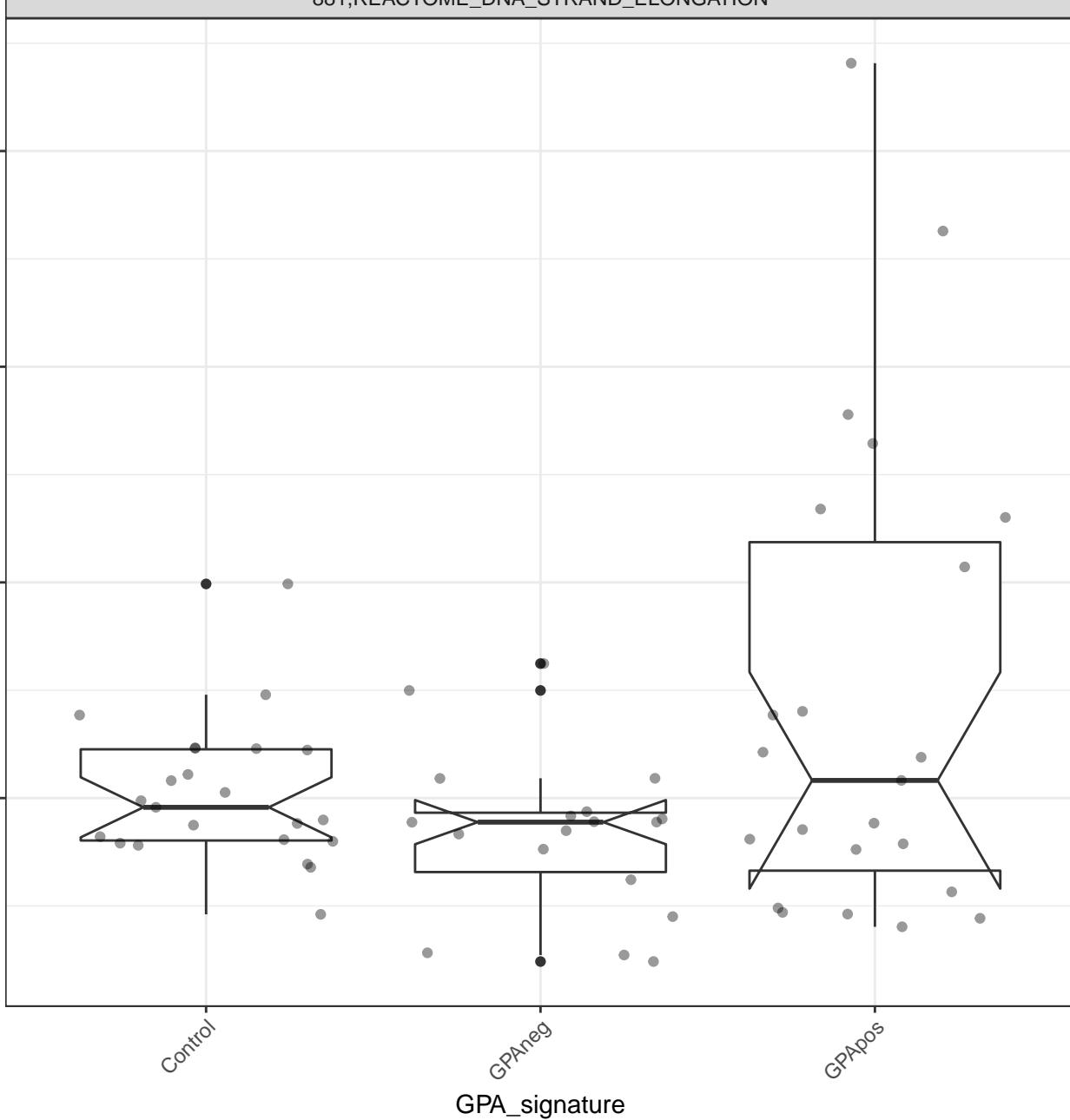
0.0

Control

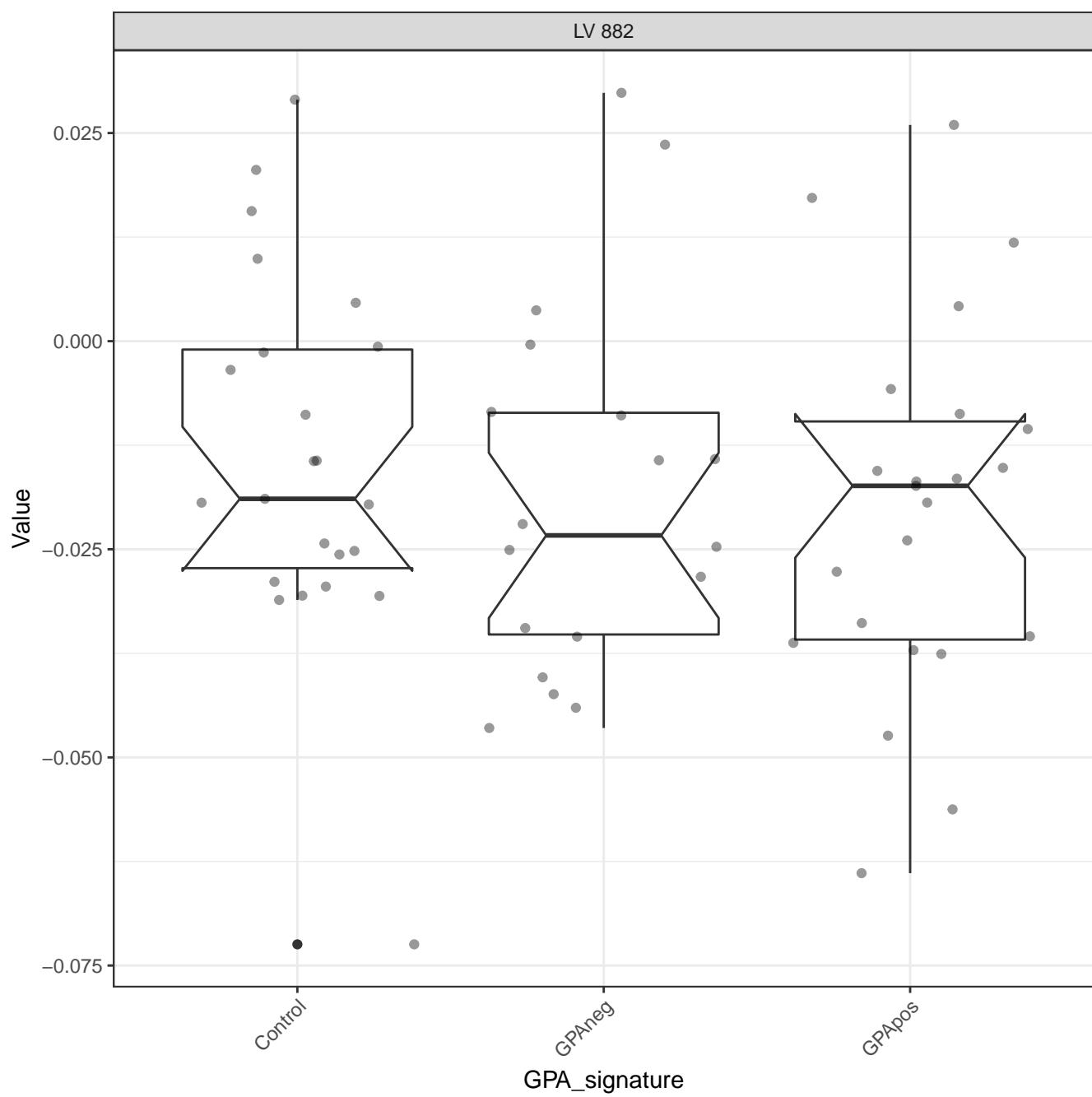
GPA_signature

GPAneg

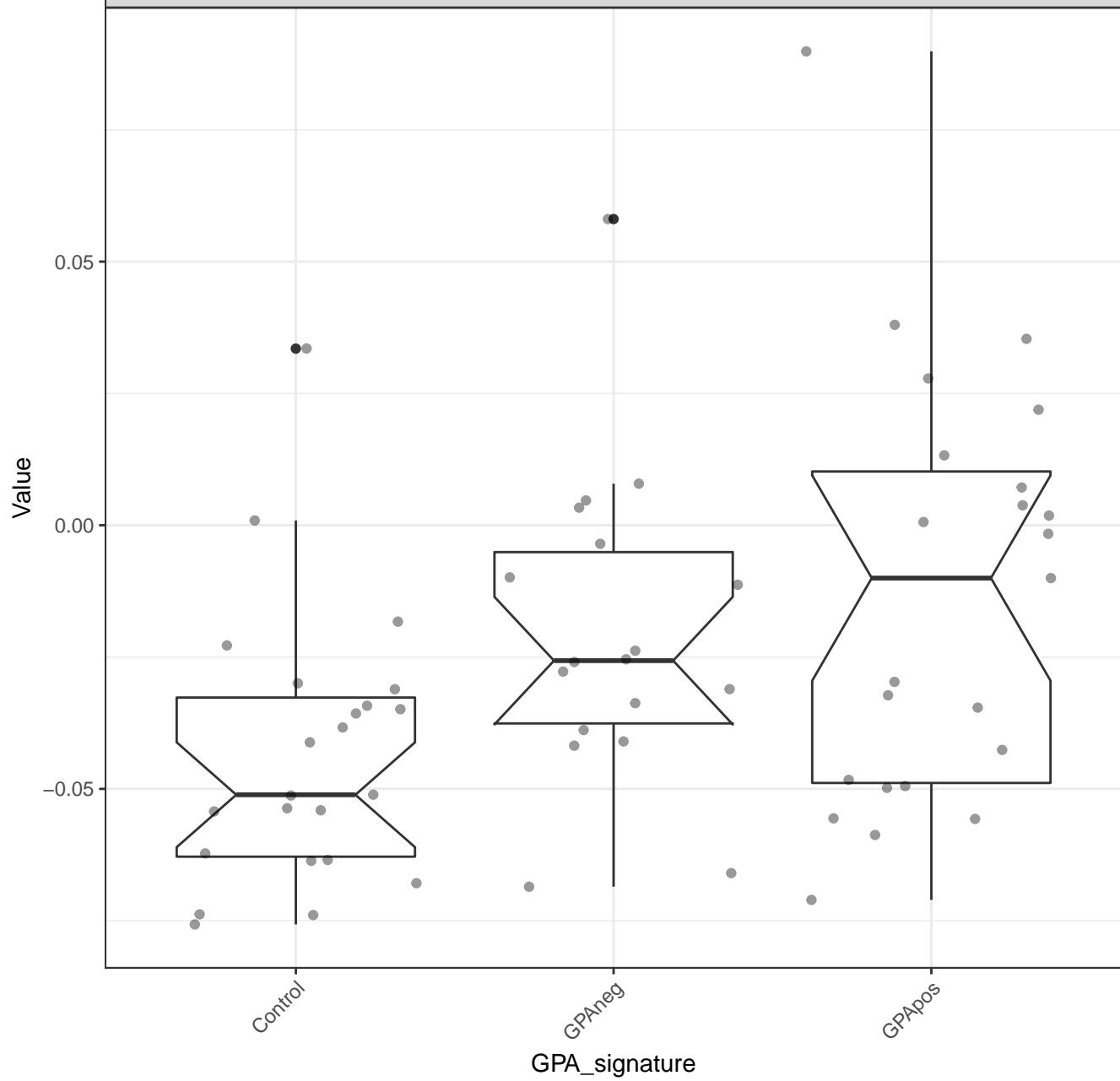
GPApos



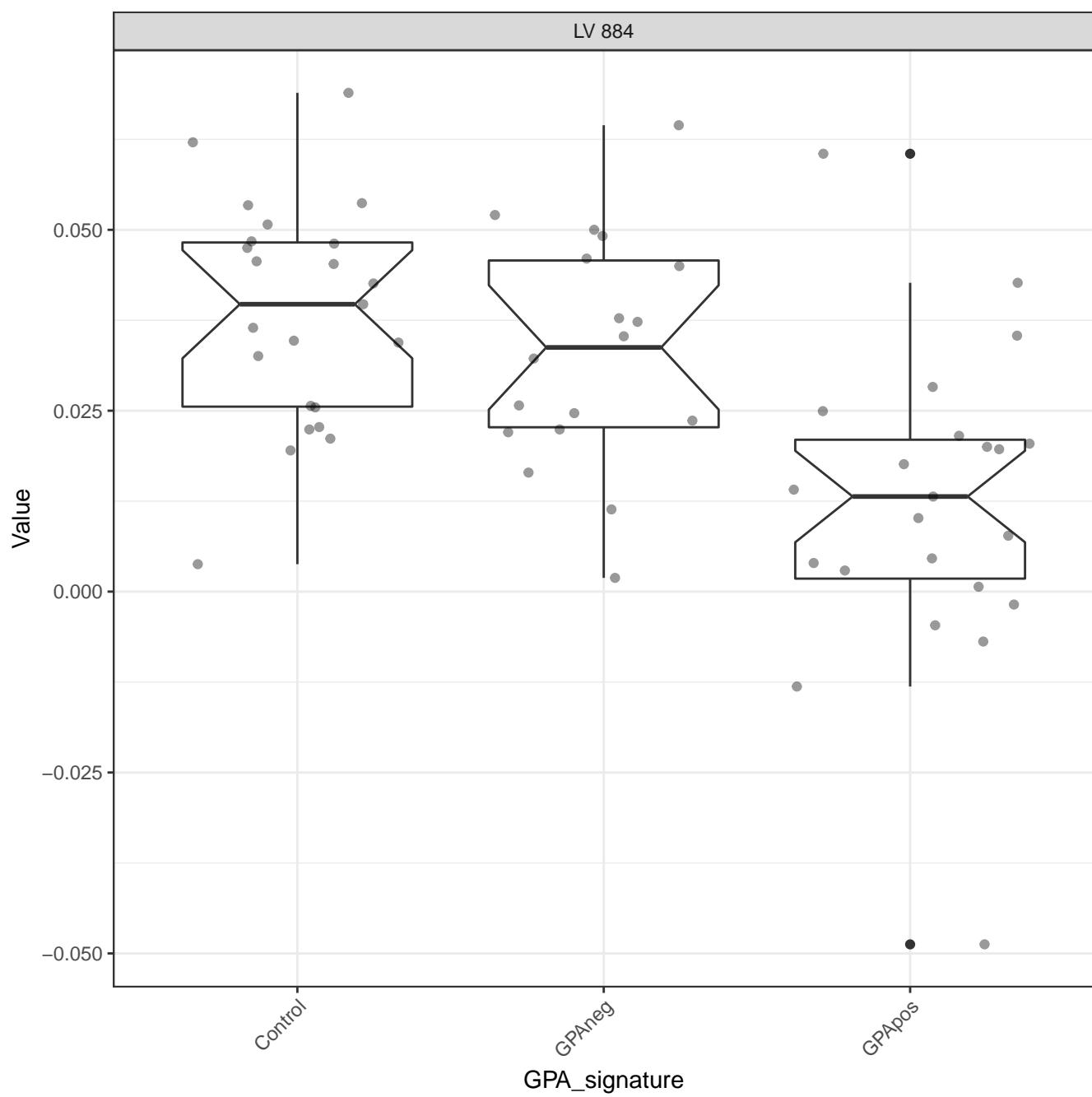
LV 882



LV 883

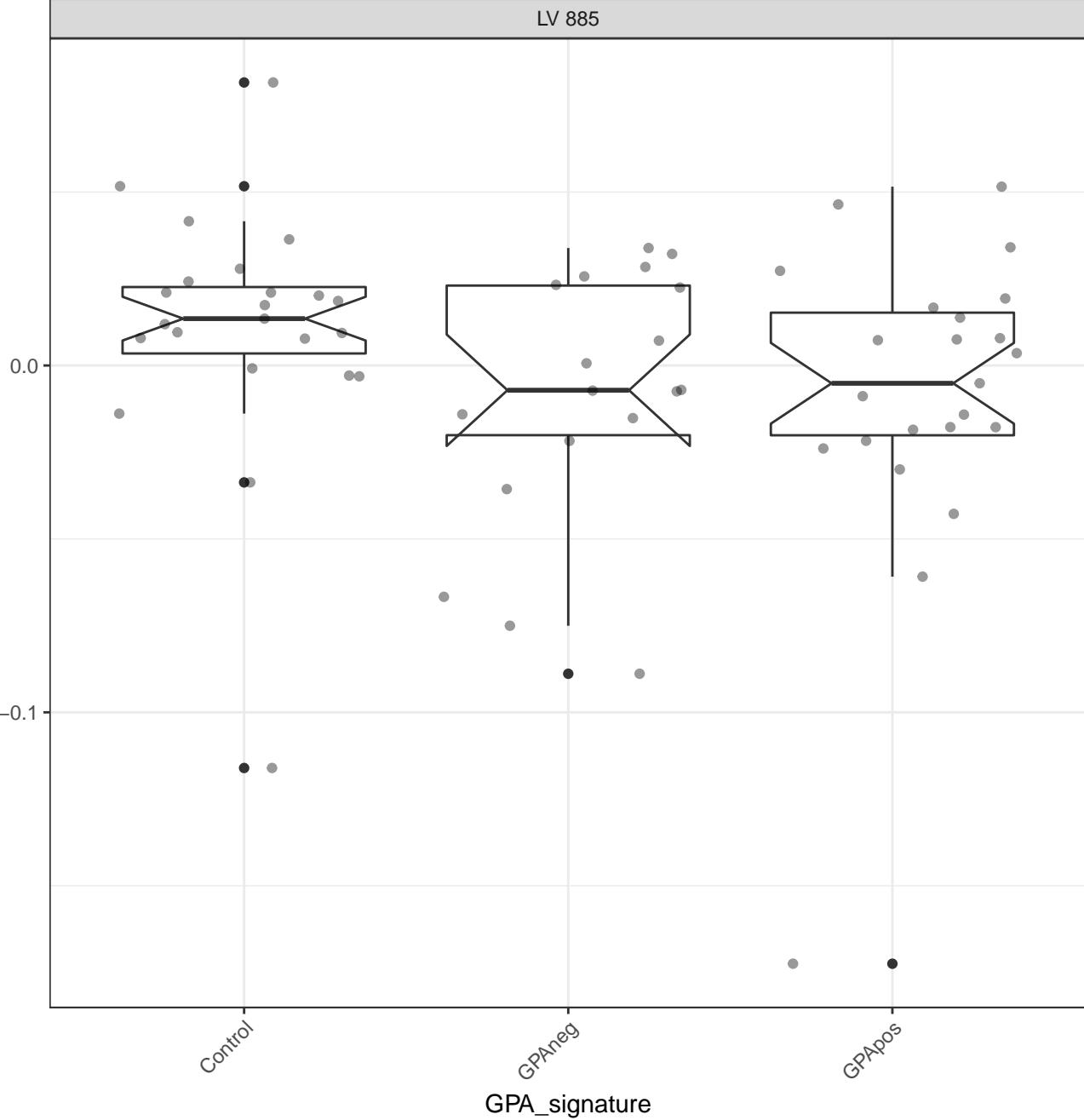


LV 884

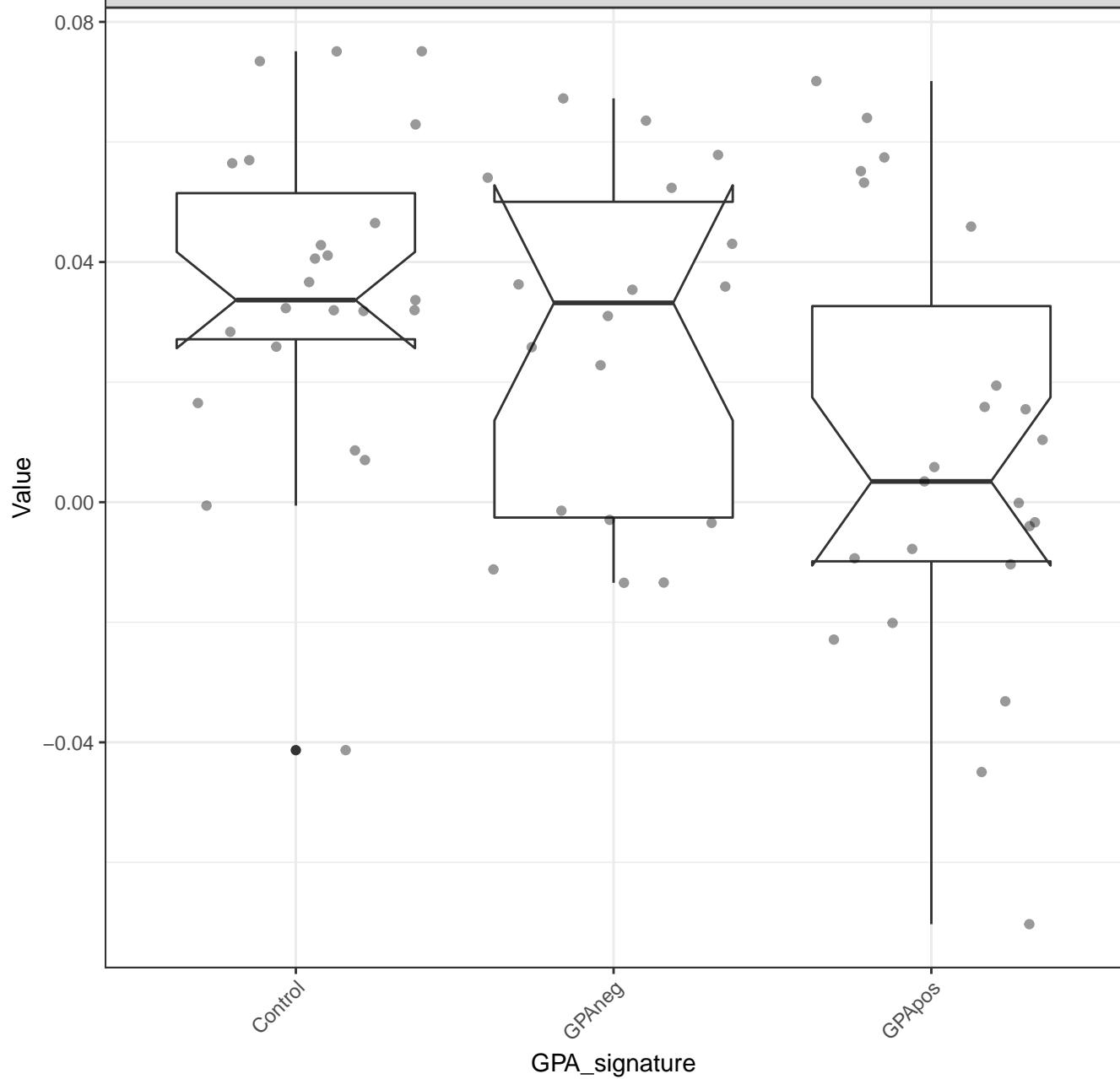


LV 885

Value



LV 886



LV 887

Value

0.02

0.01

-0.01

-0.02

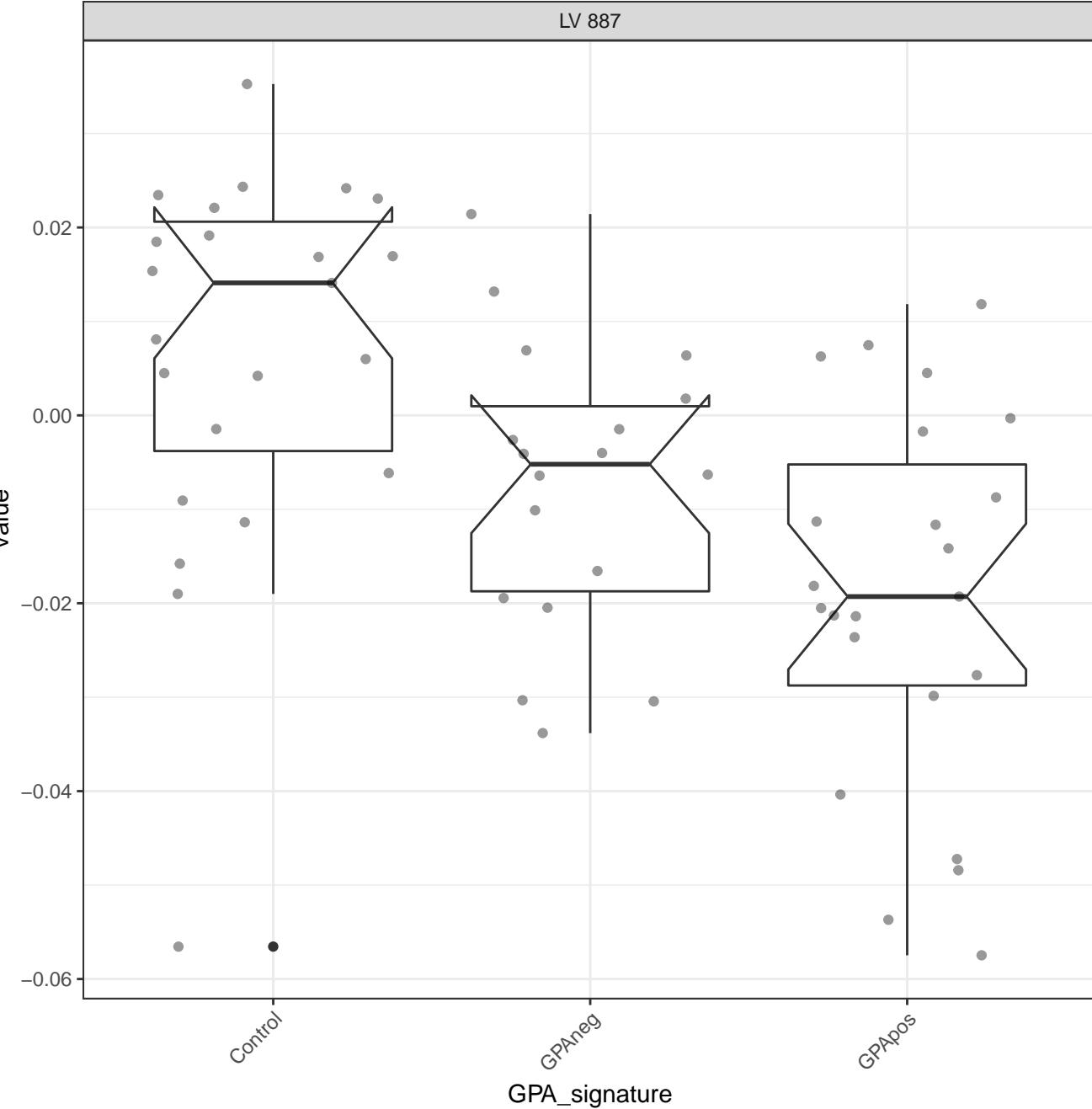
-0.03

Control

GPA_signature

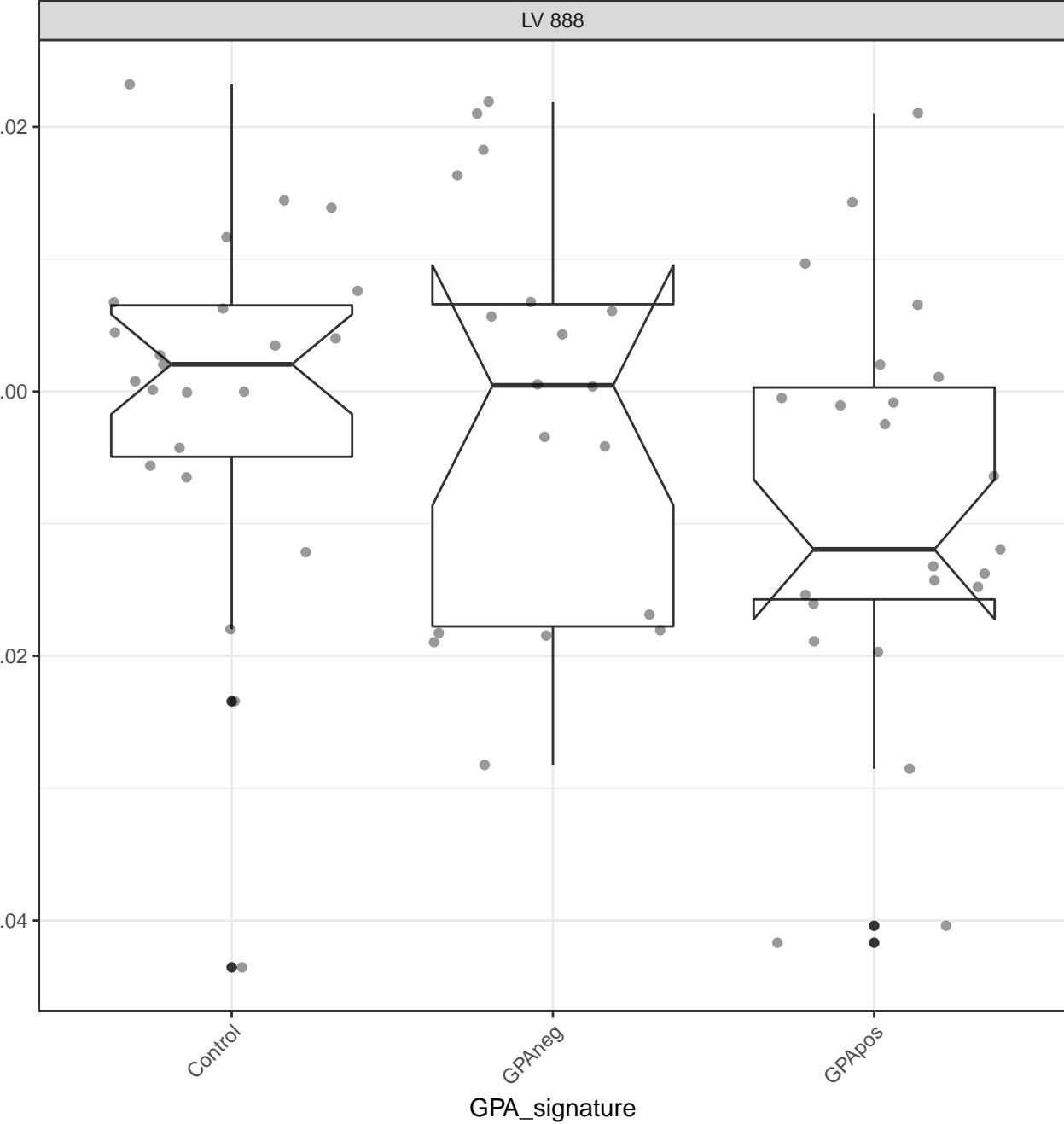
GPAneg

GPApos



LV 888

Value



LV 889

Value

0.05

0.01

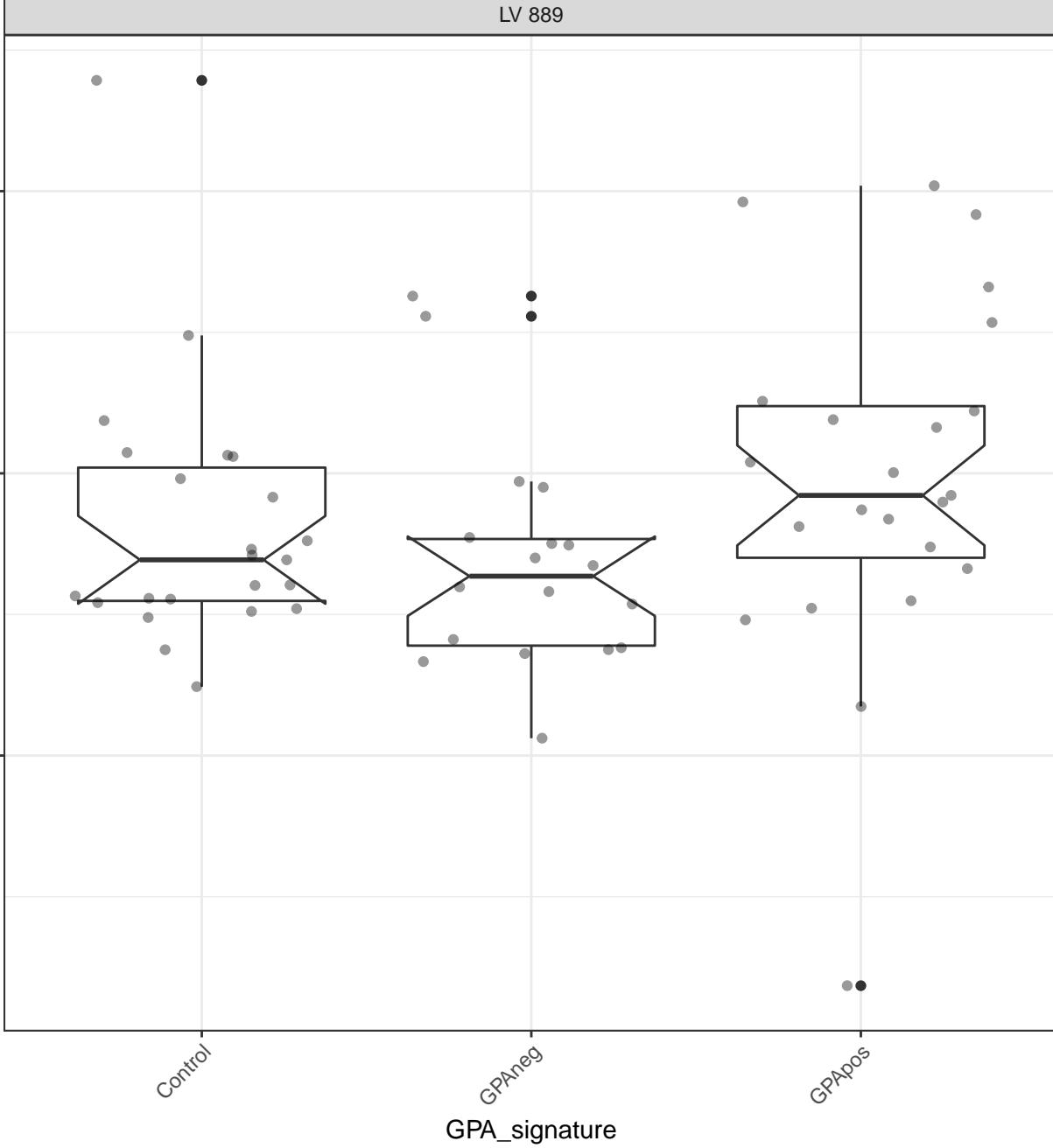
-0.05

Control

GPA_signature

GPAneg

GPApos



LV 890

Value

0.025

0.000

-0.025

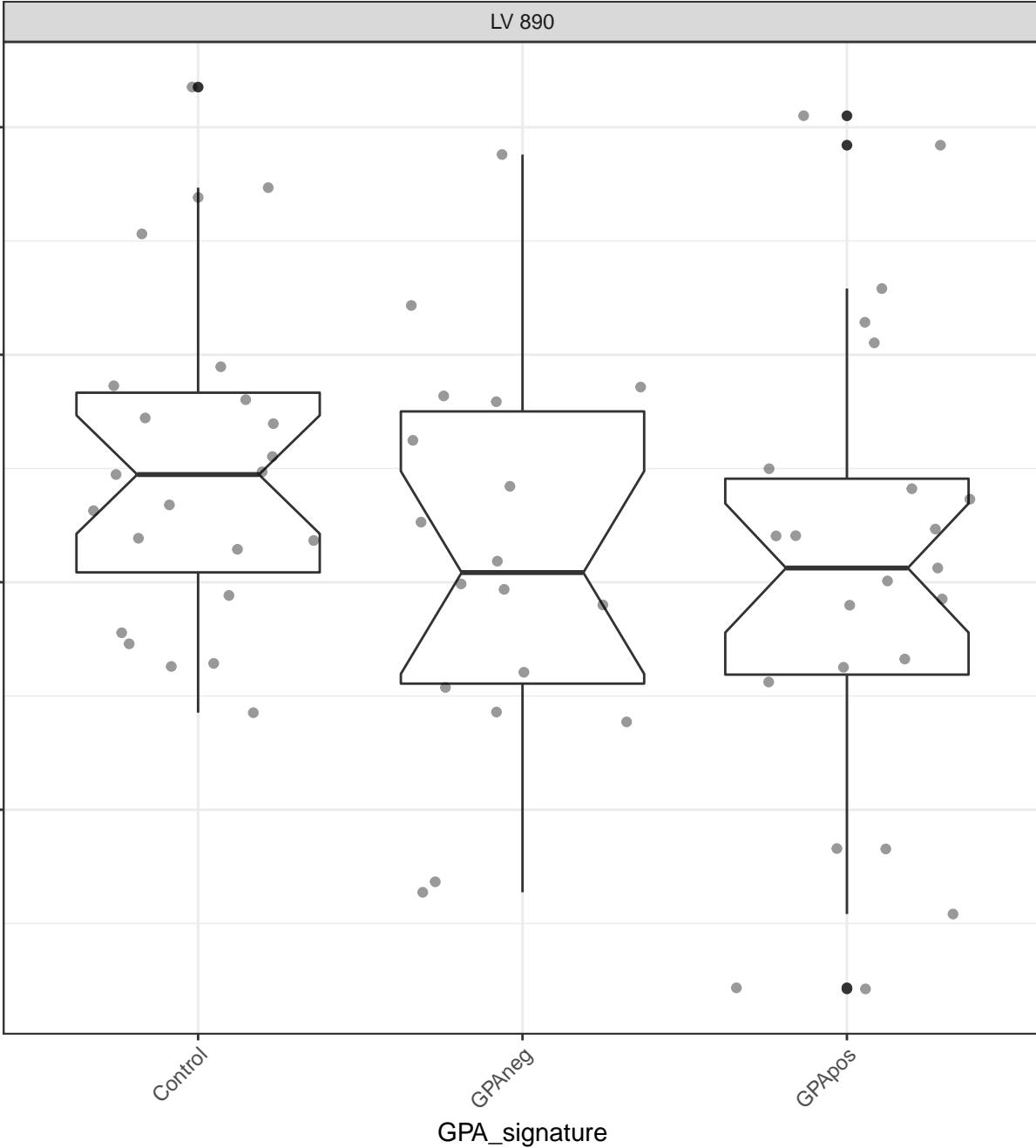
-0.050

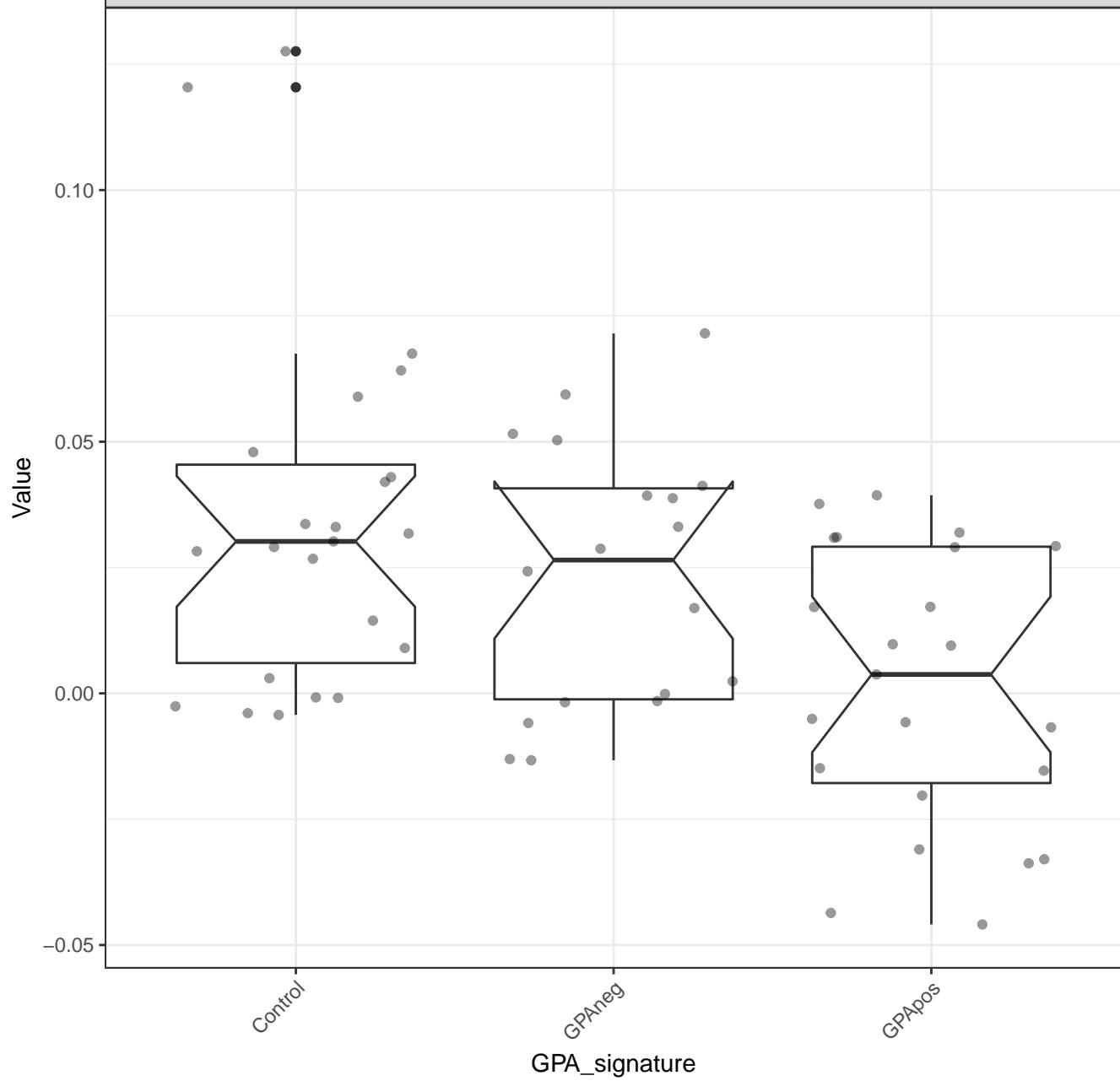
Control

GPAneg

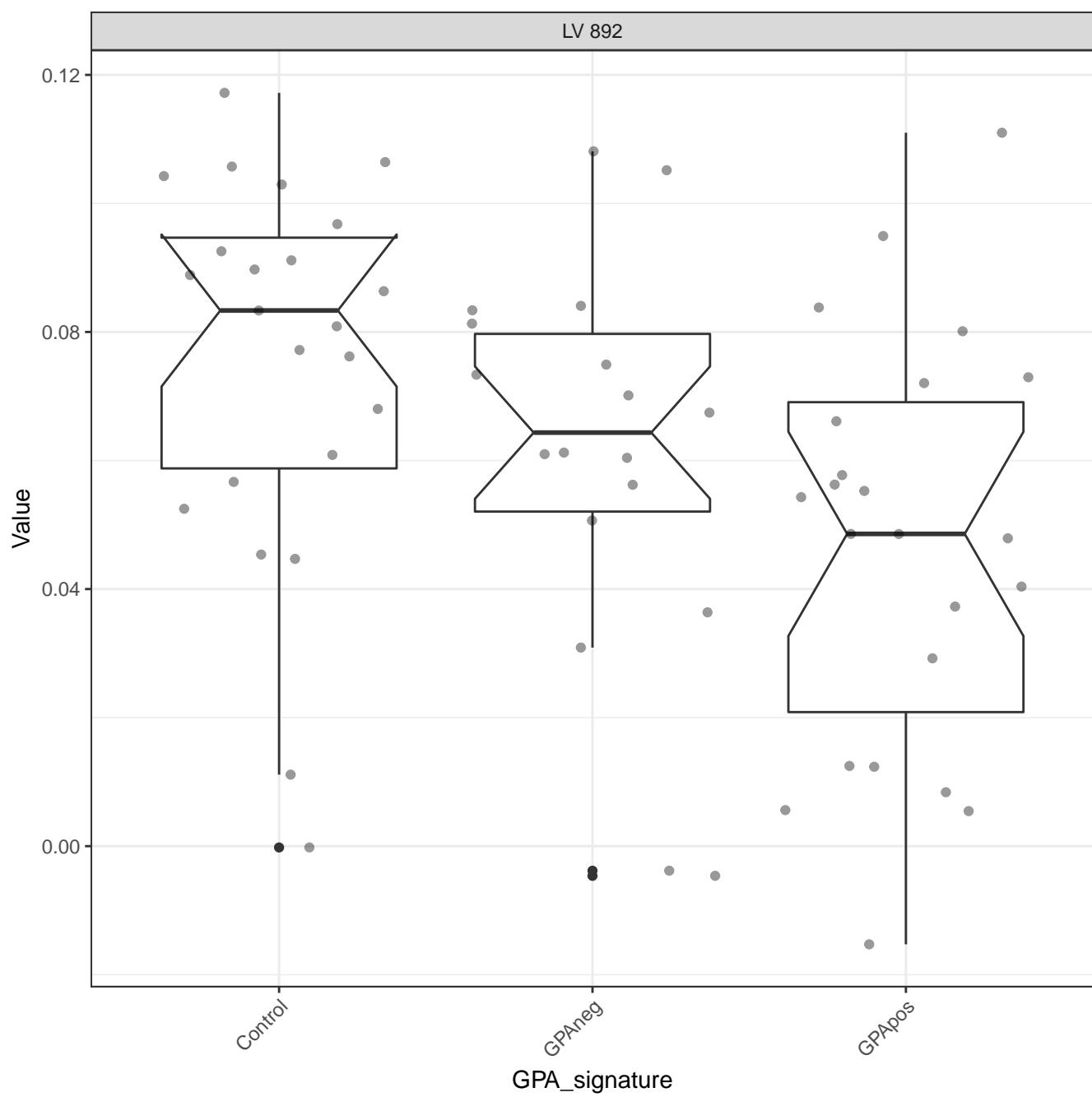
GPAPos

GPA_signature

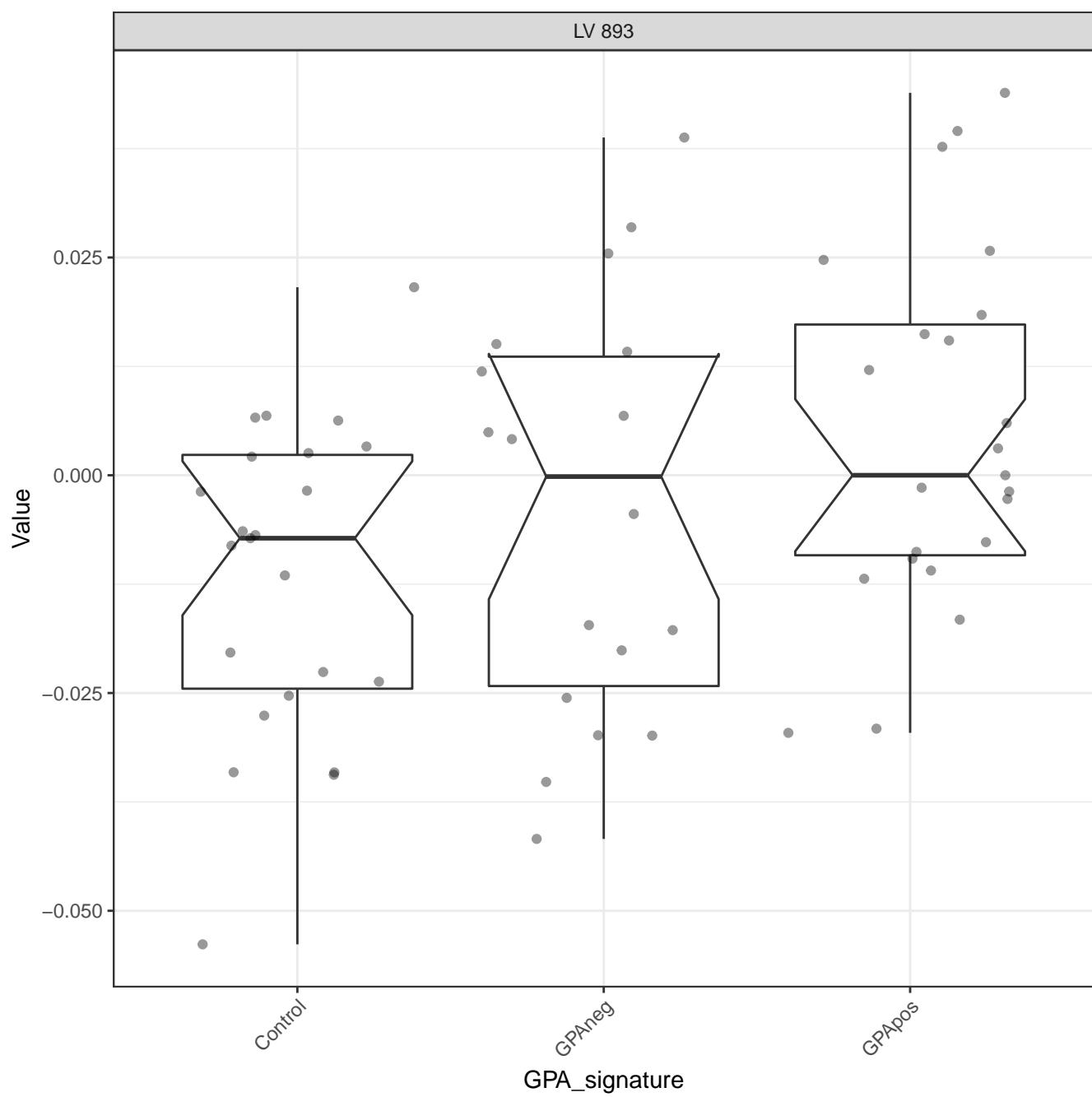




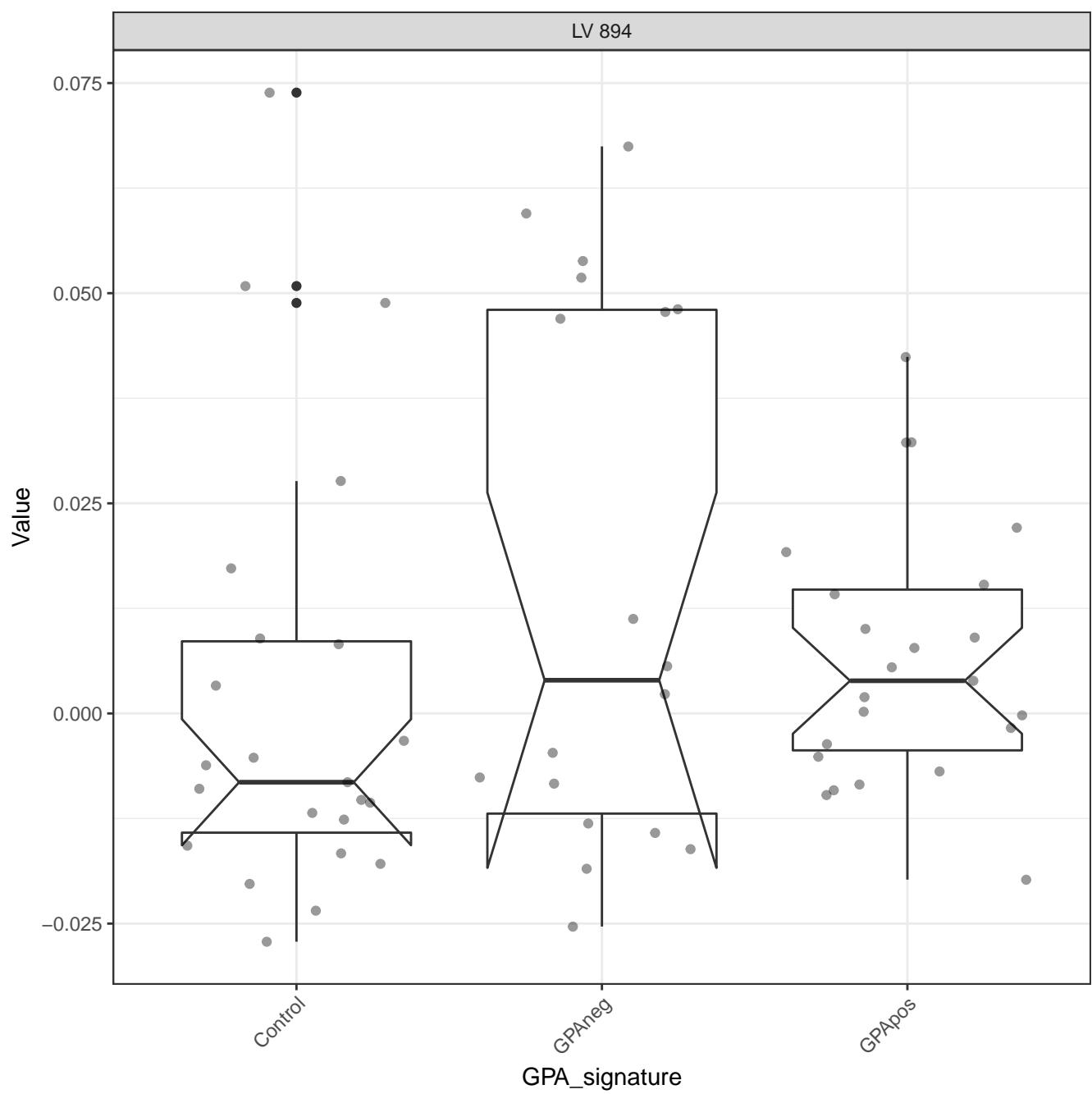
LV 892



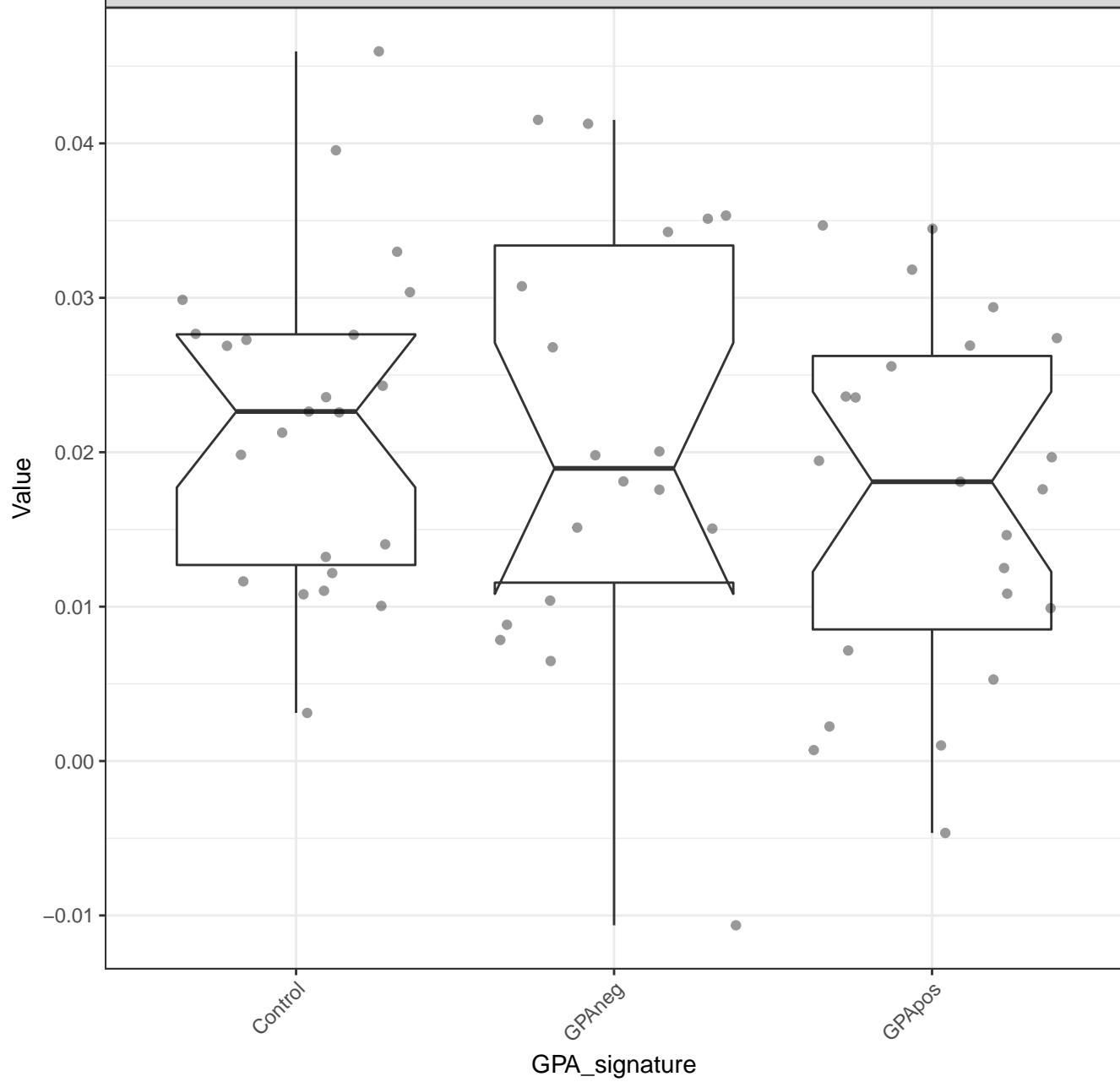
LV 893



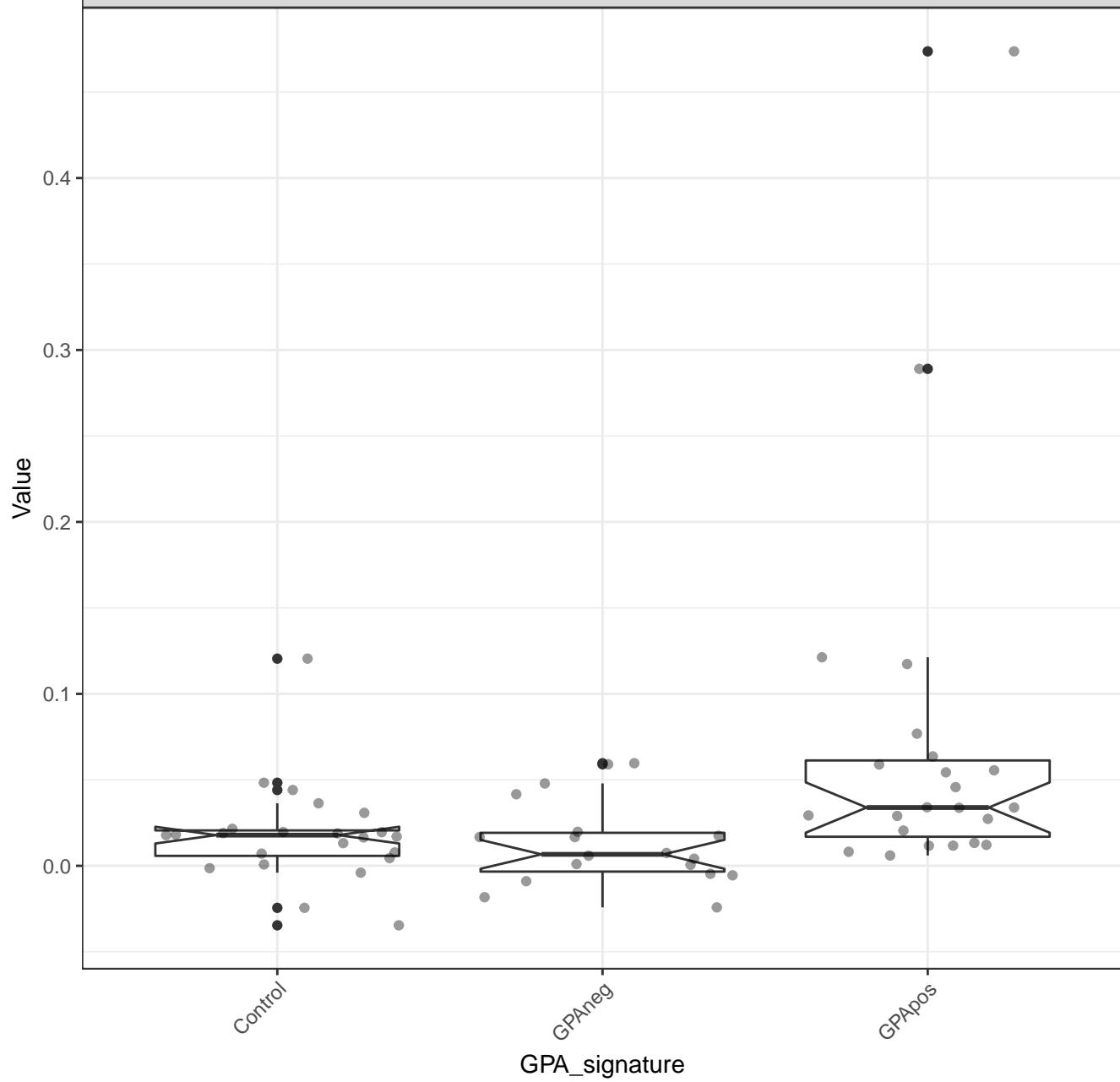
LV 894



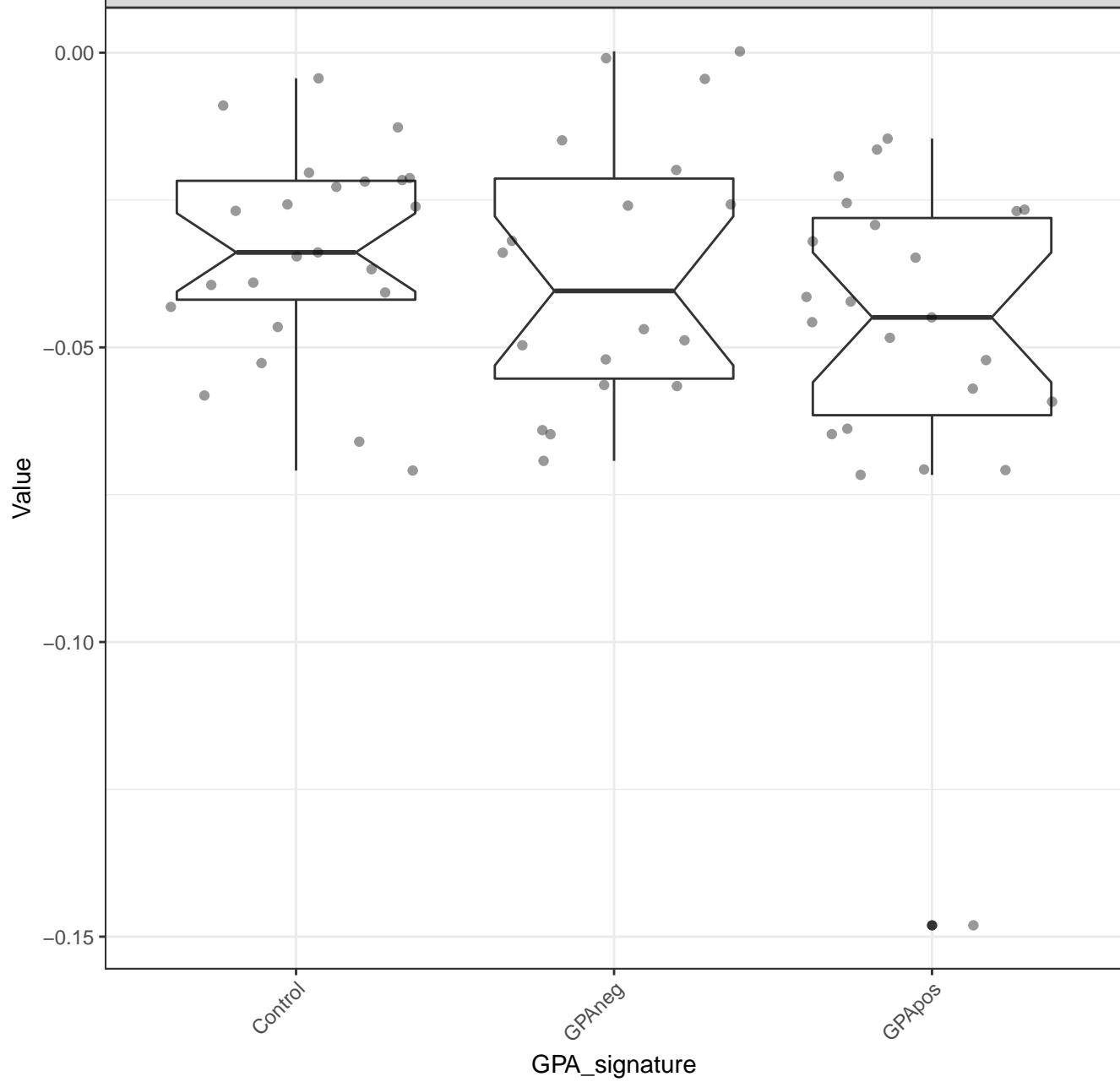
LV 895



LV 896



LV 897



Value

0.1

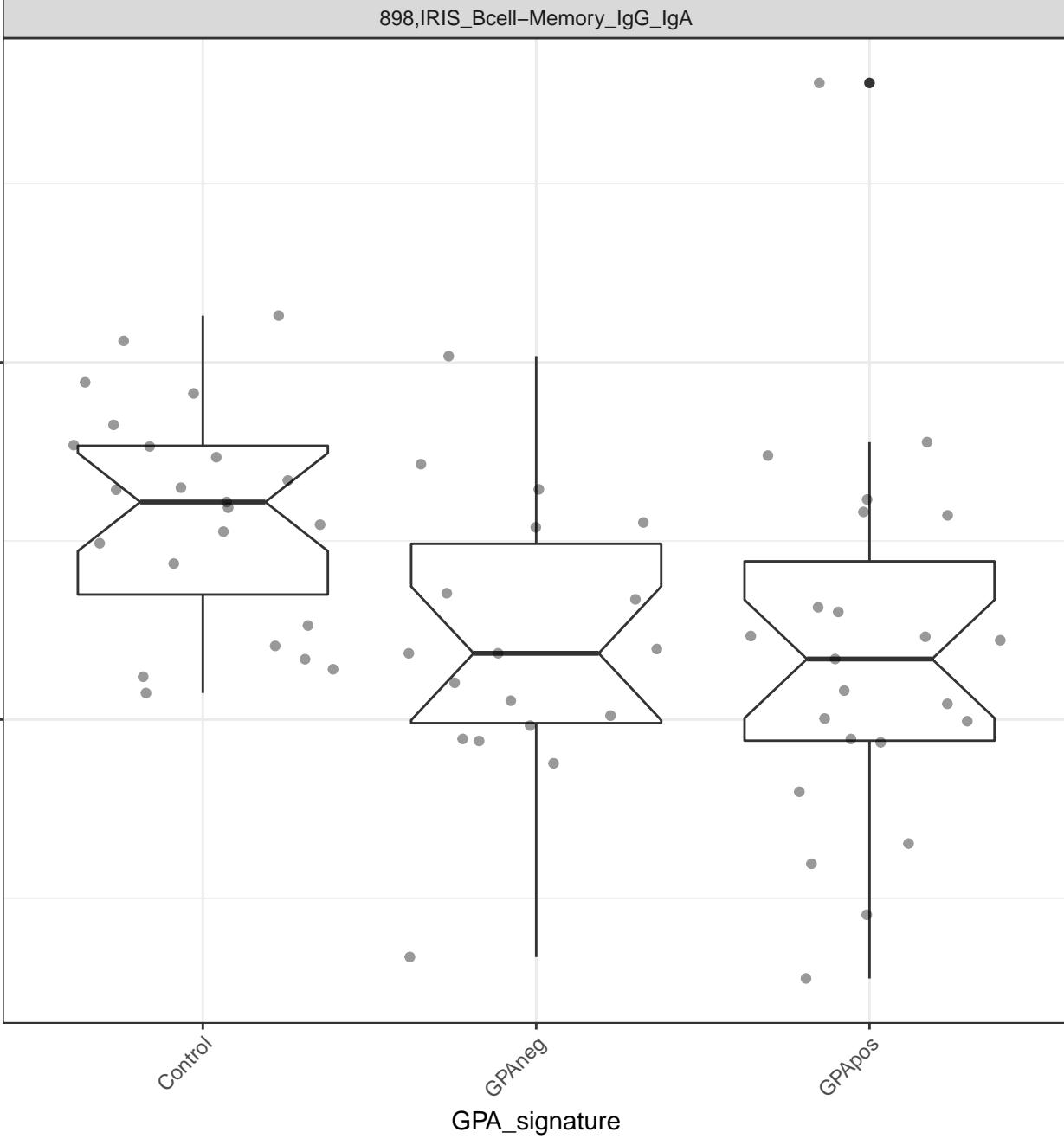
0.0

Control

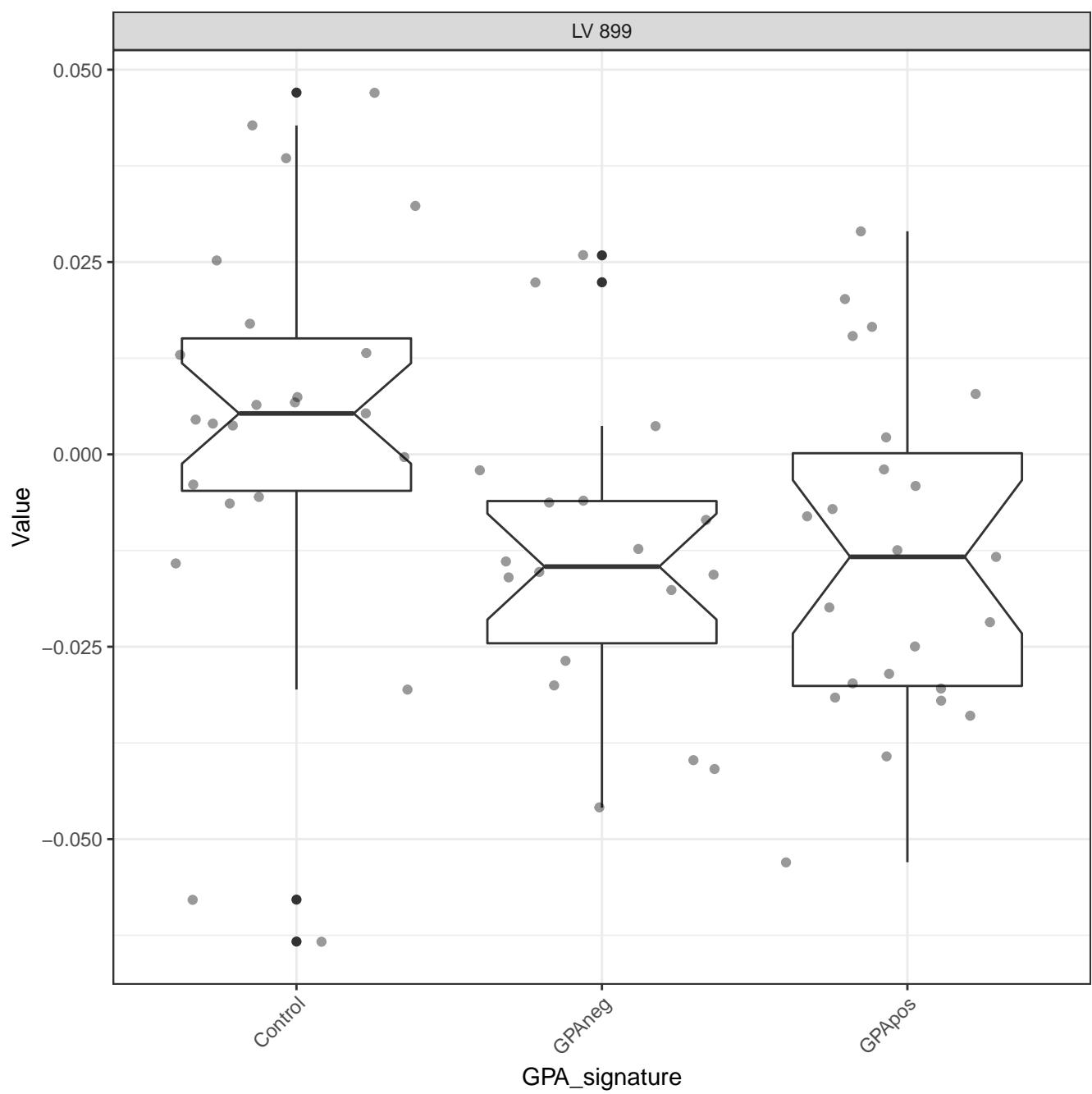
GPA_signature

GPAneg

GPAPos

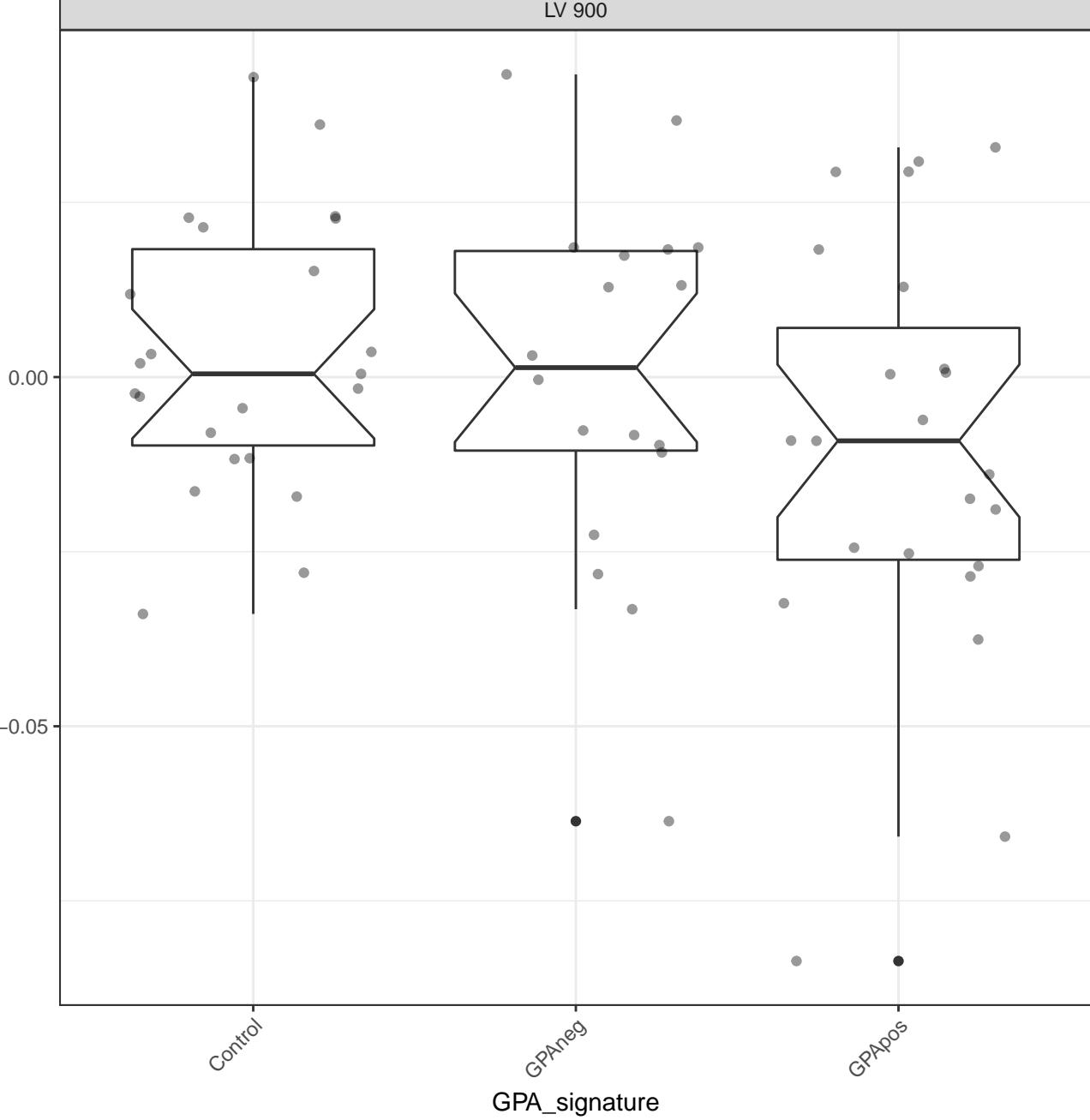


LV 899

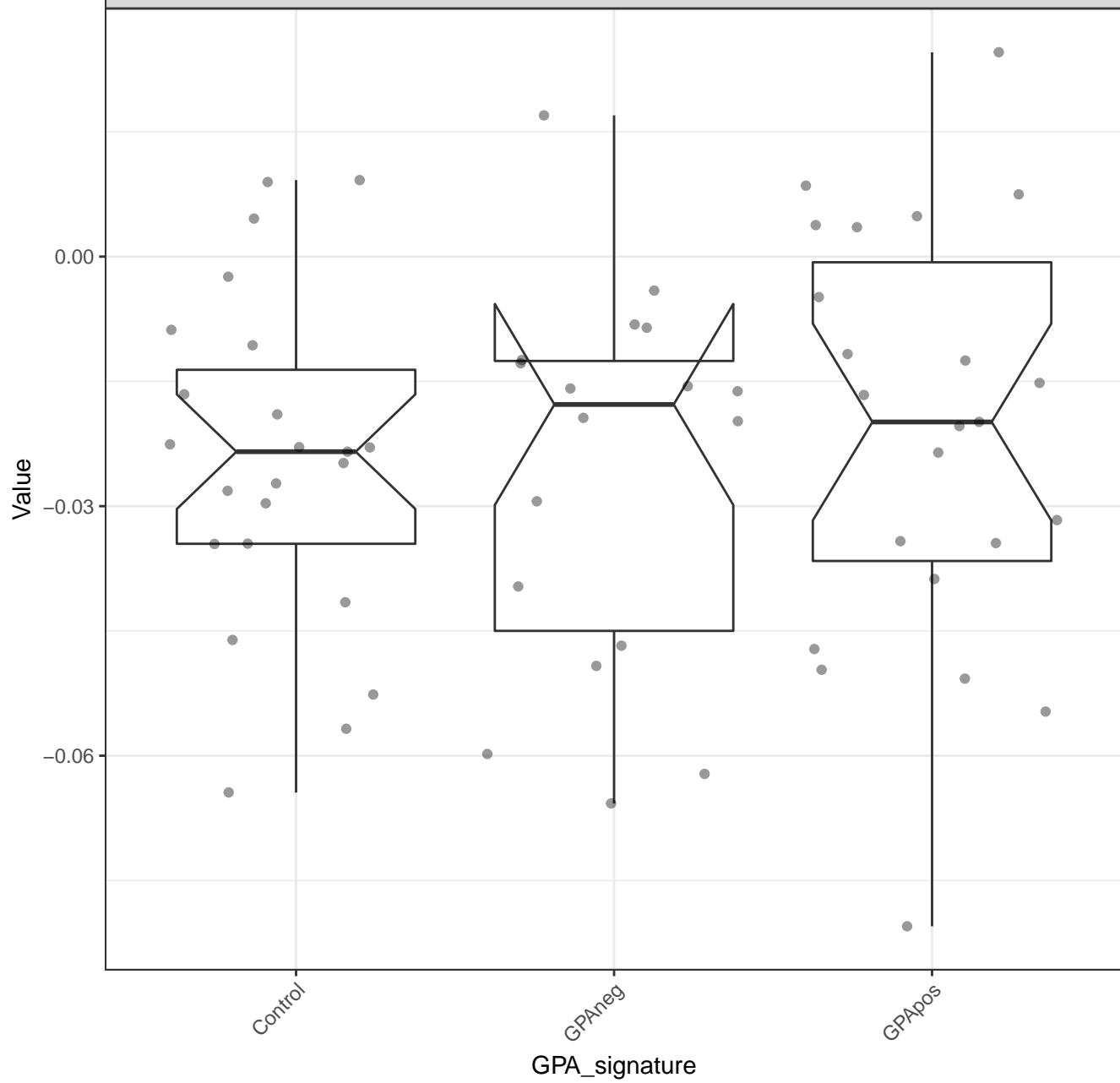


LV 900

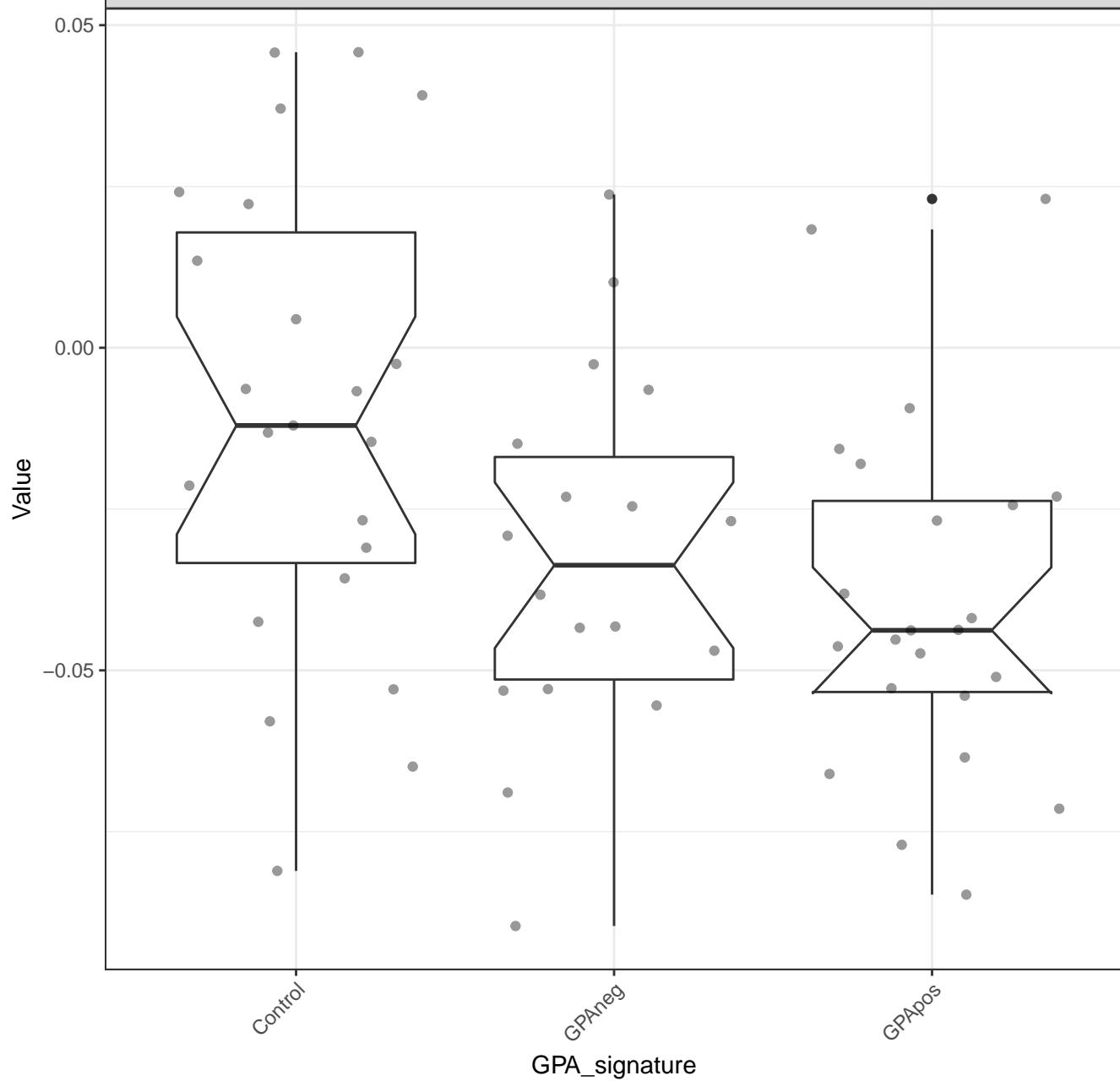
Value



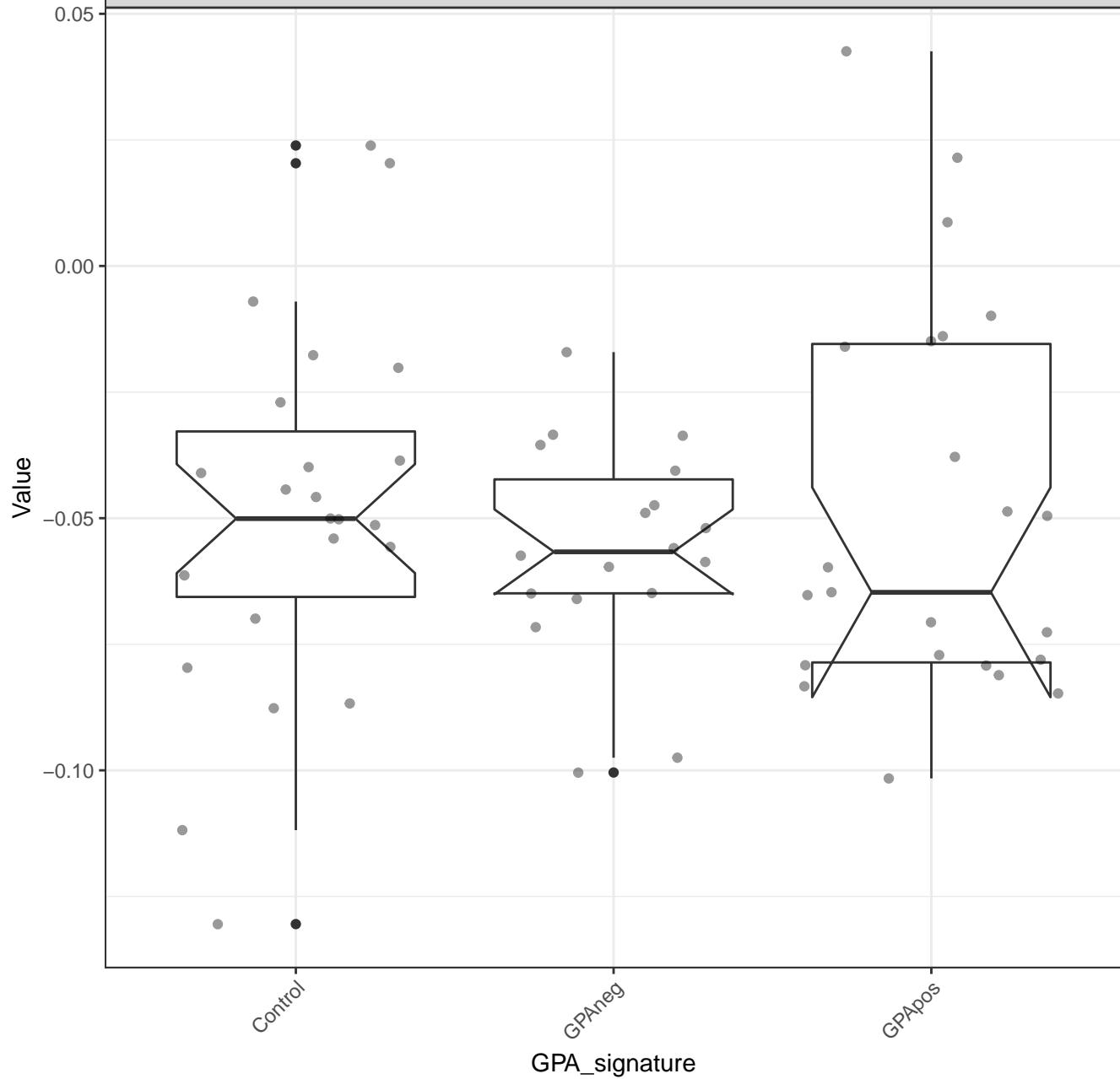
LV 901



902,DMAP_PRE_BCELL3

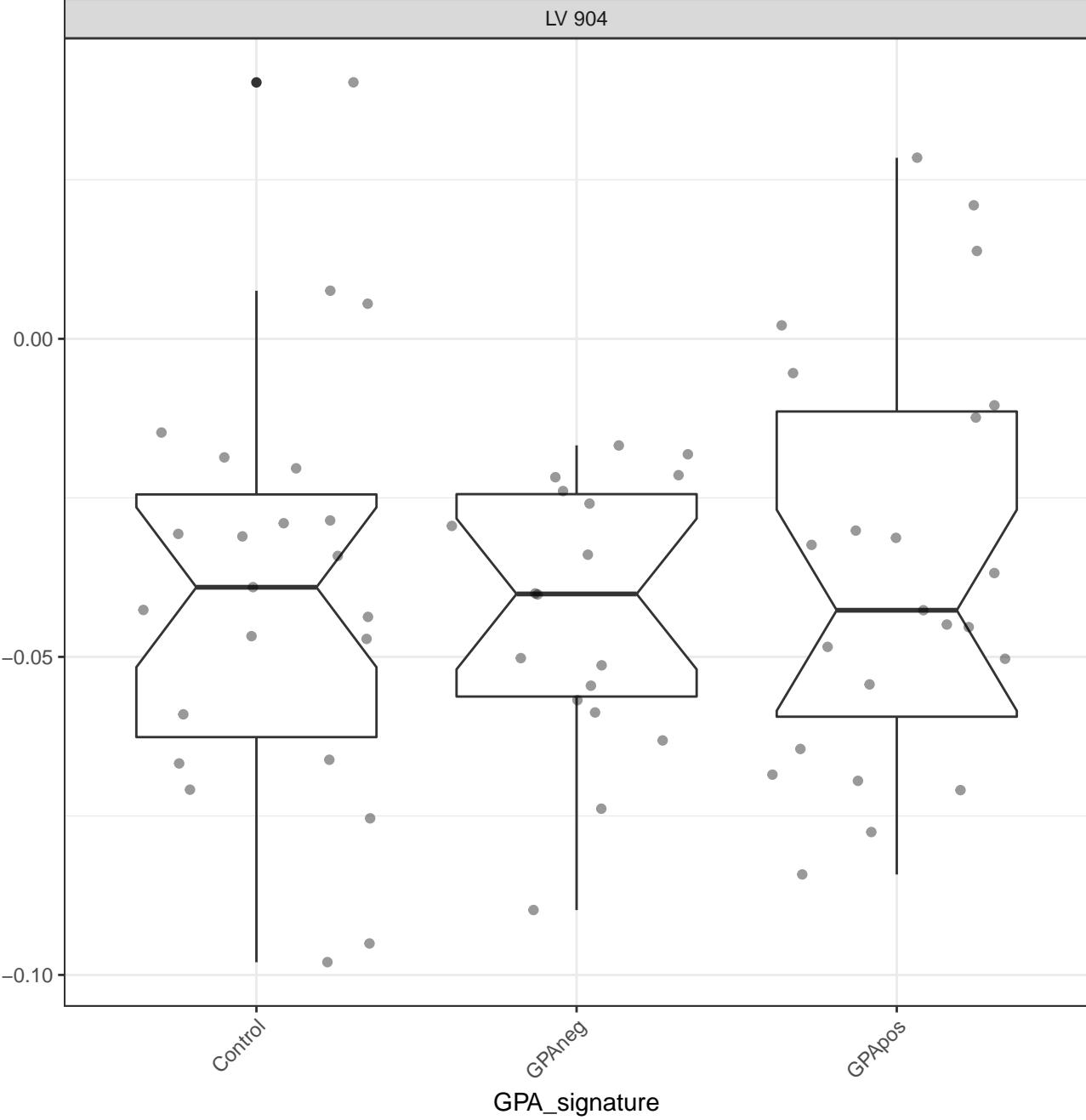


LV 903

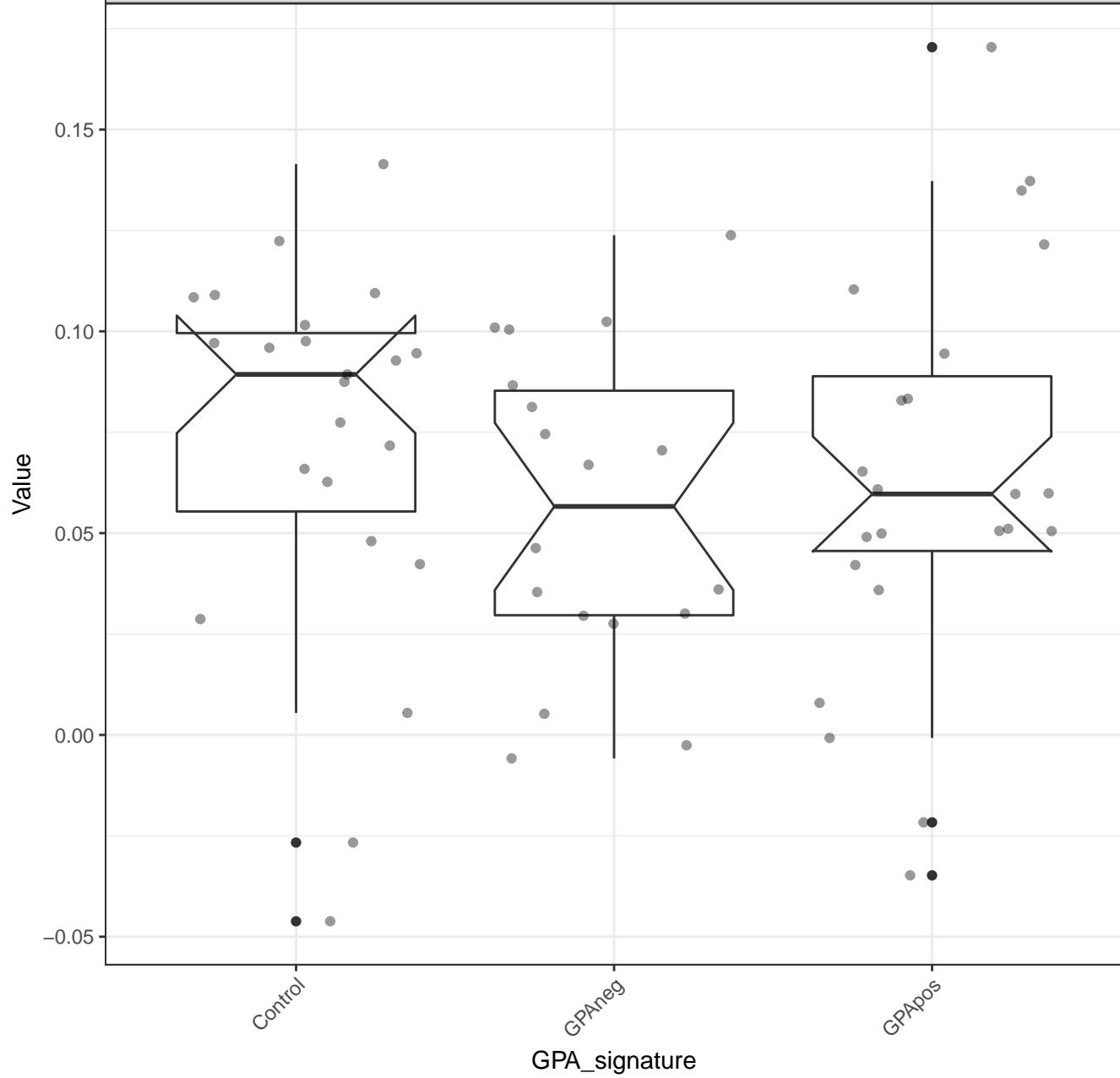


LV 904

Value



905,MIPS_NOP56P_ASSOCIATED_PRE_RRNA_COMPLEX



LV 906

Value

0.05

0.00

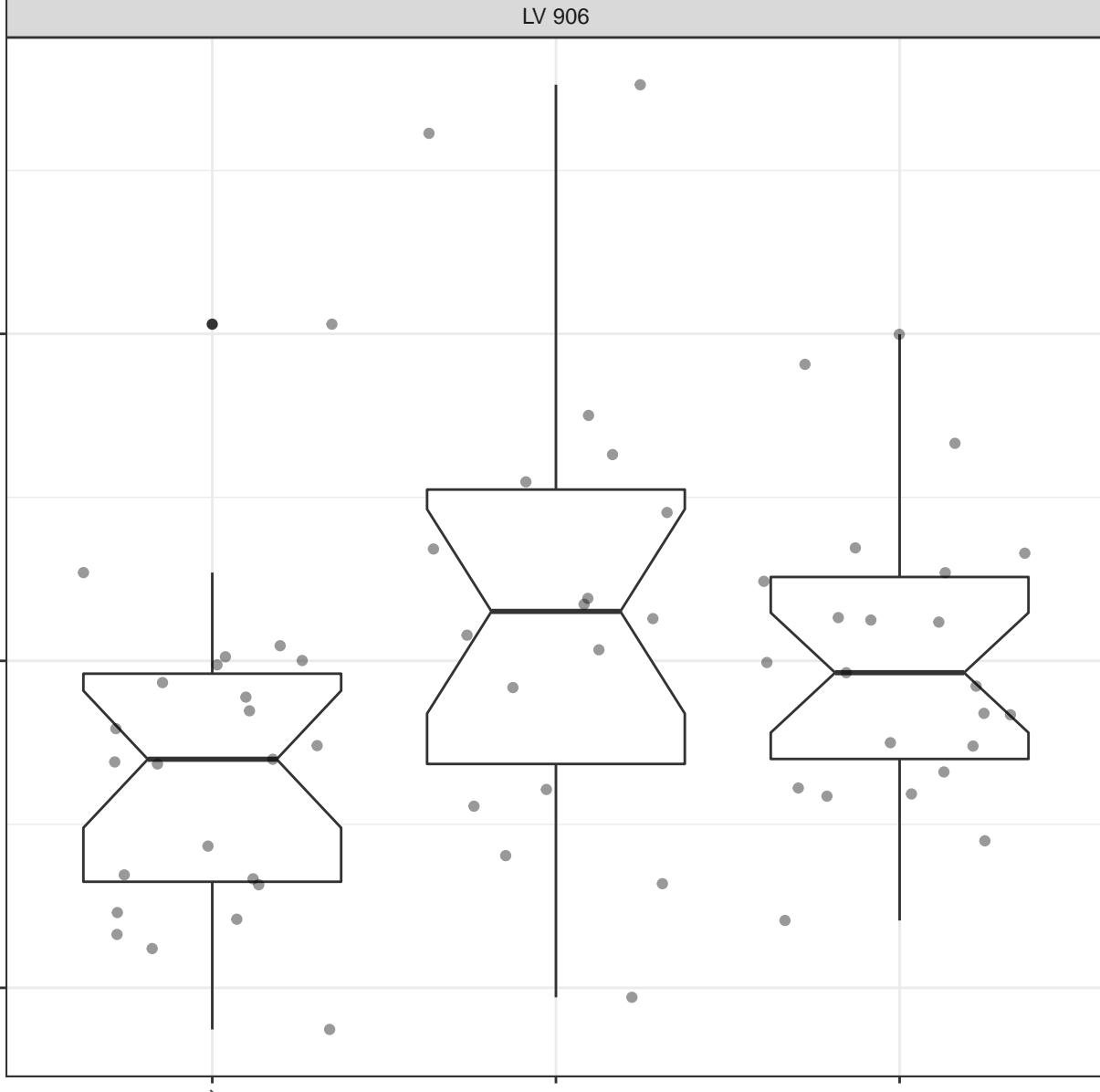
-0.05

Control

GPA_signature

GPAneg

GPApos



LV 907

Value

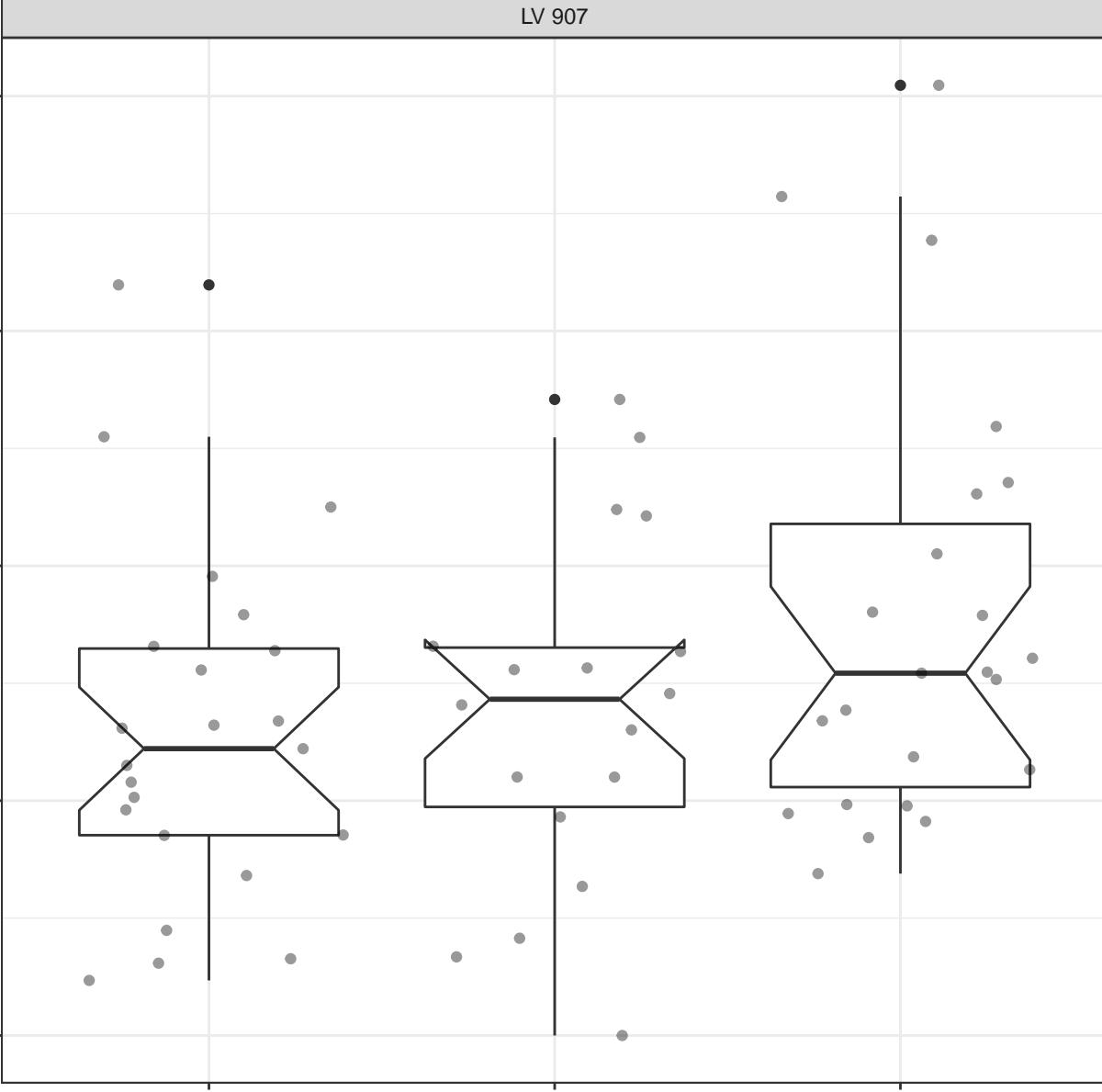
0.06
0.03
0.00
-0.03
-0.06

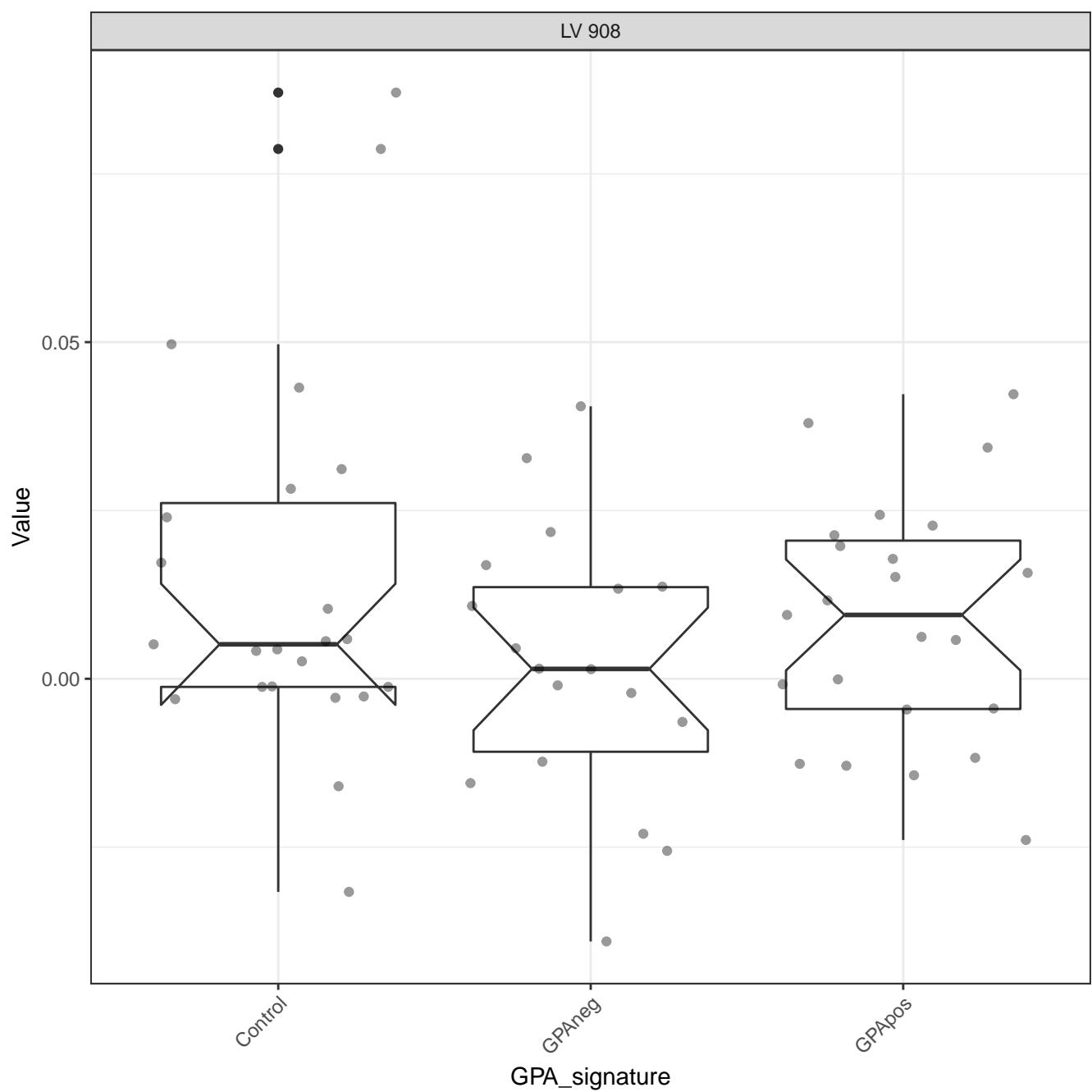
Control

GPAneg

GPAPos

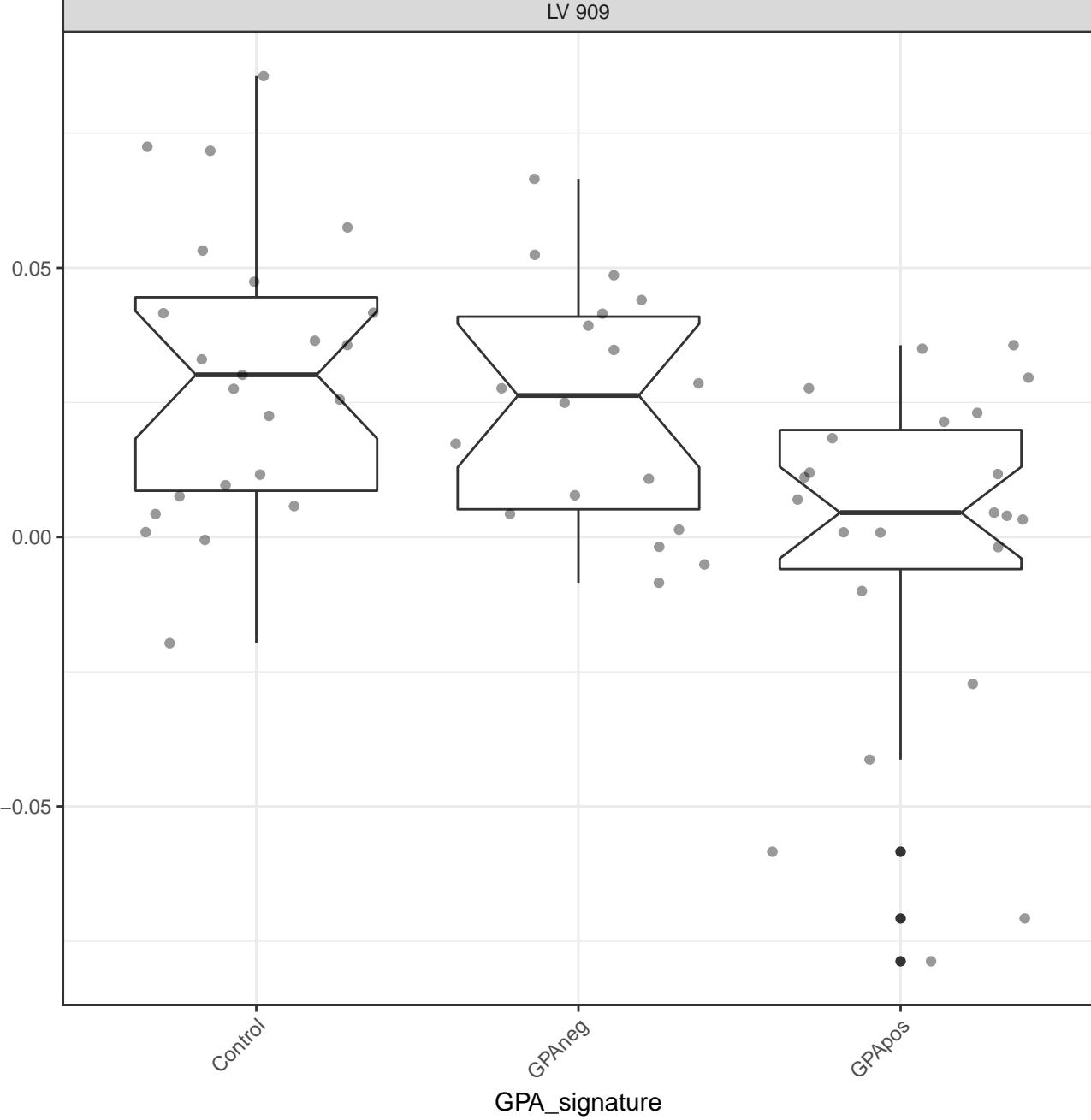
GPA_signature



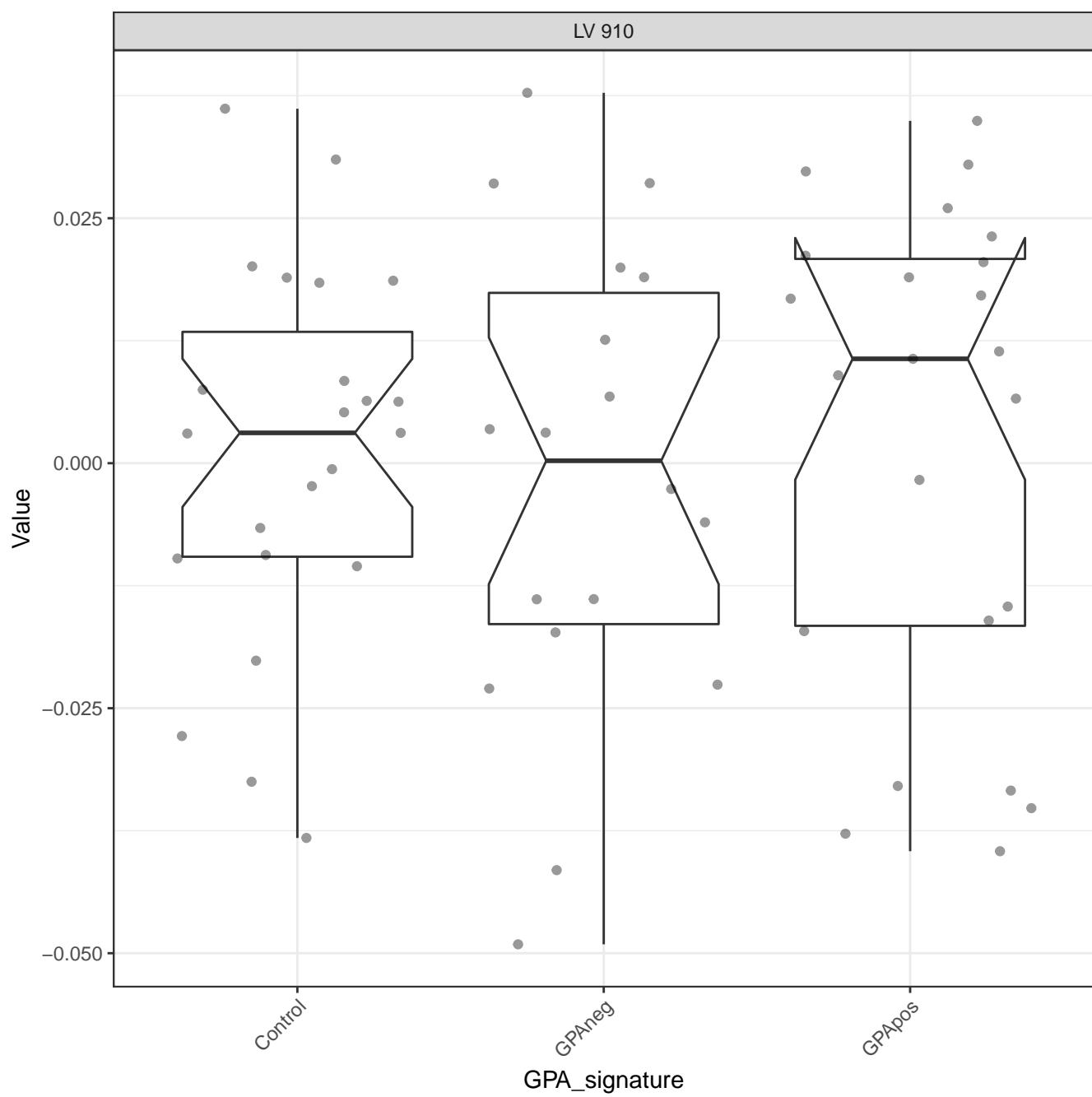


LV 909

Value



LV 910



LV 911

Value

0.05

0.00

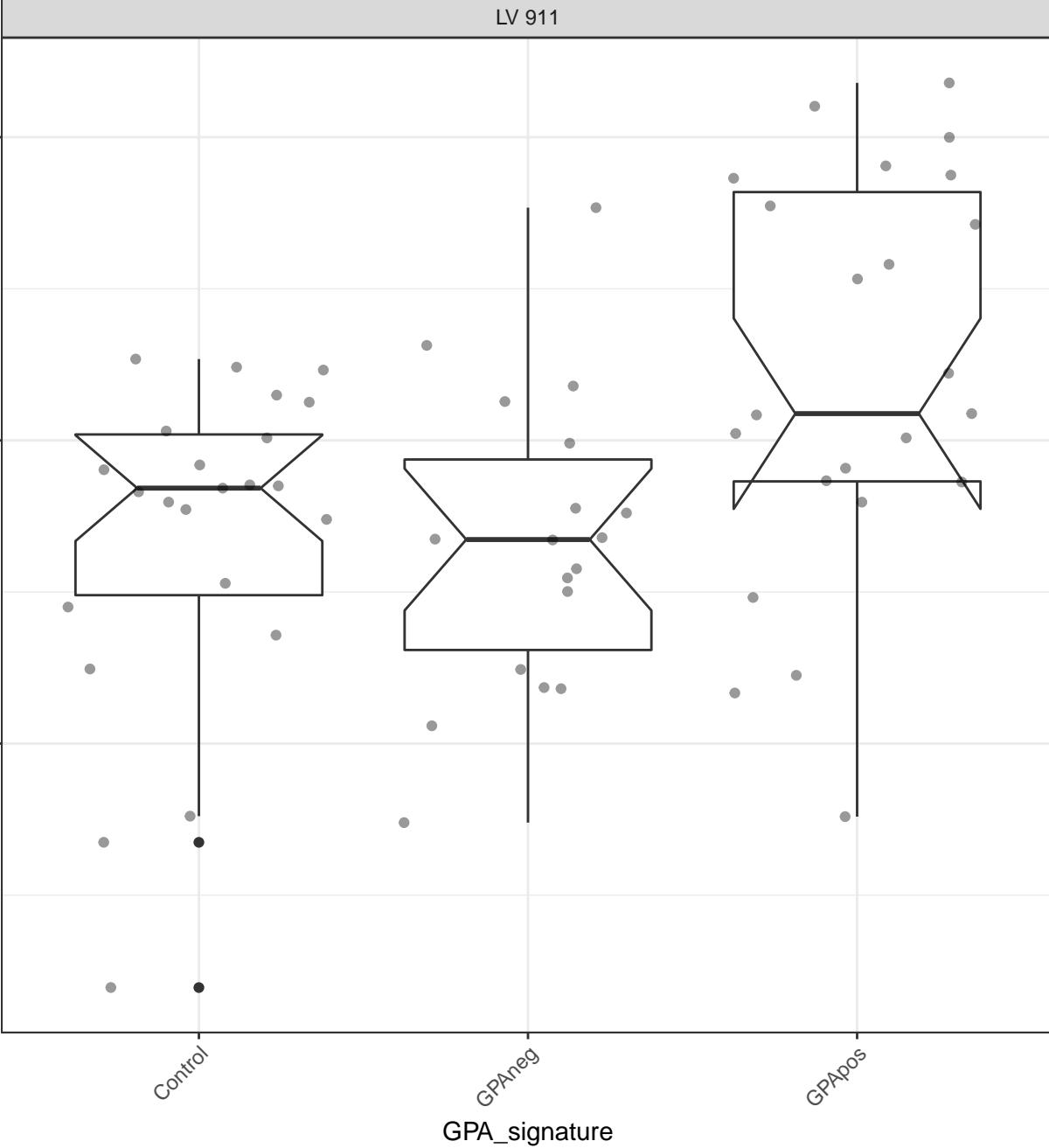
-0.05

Control

GPAneg

GPApos

GPA_signature



LV 912

Value

0.05

0.00

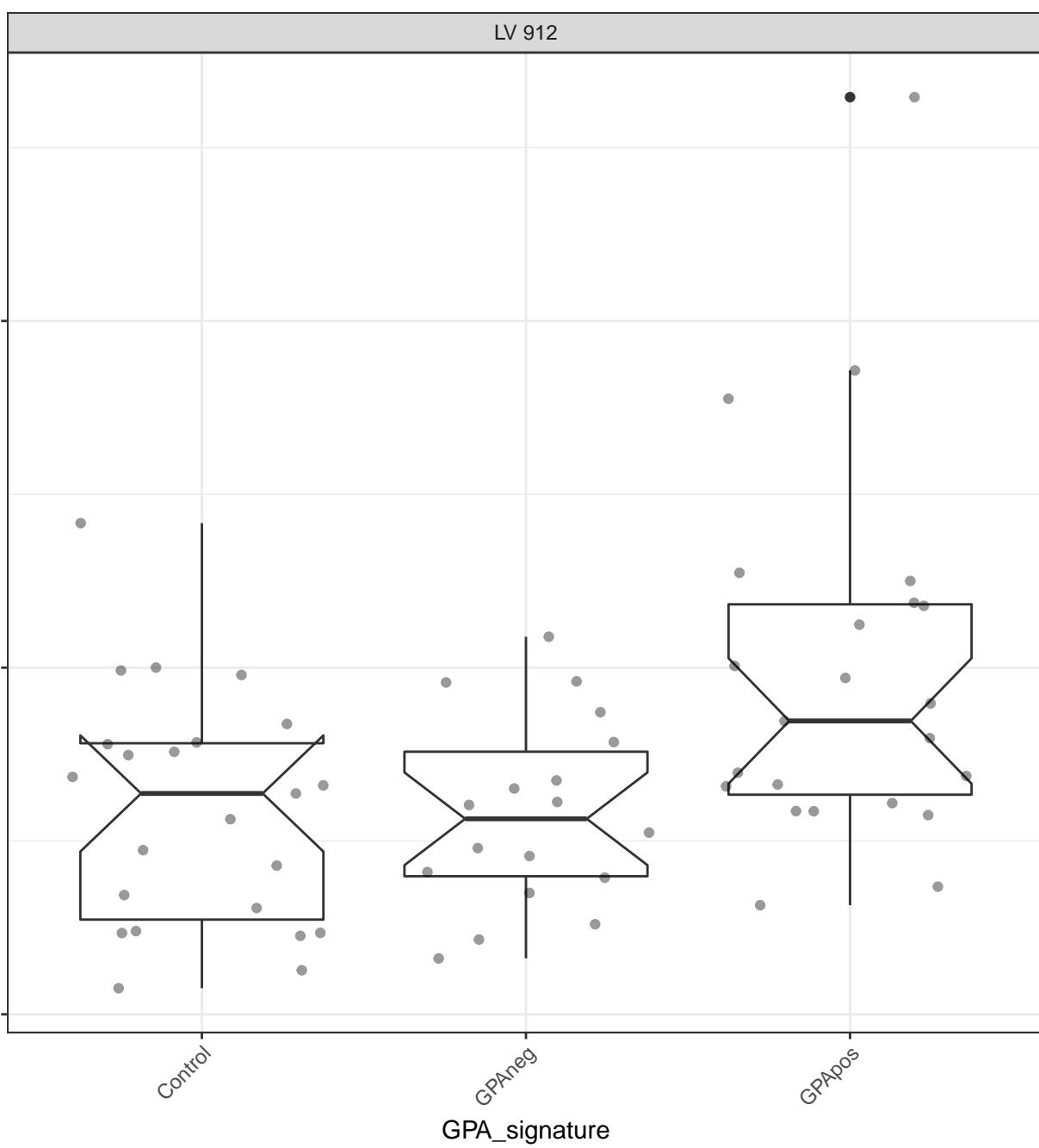
-0.05

Control

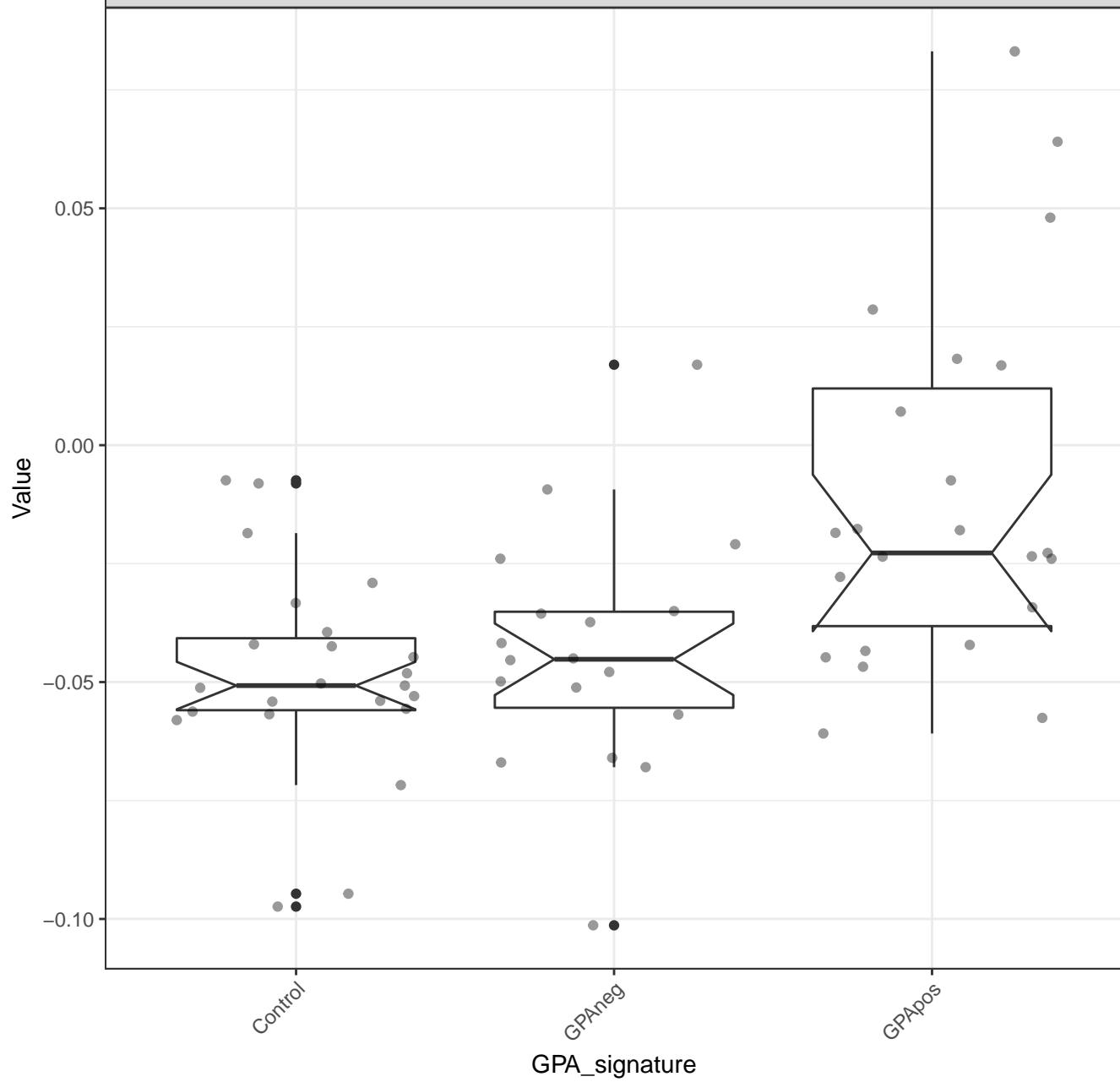
GPA_signature

GPAneg

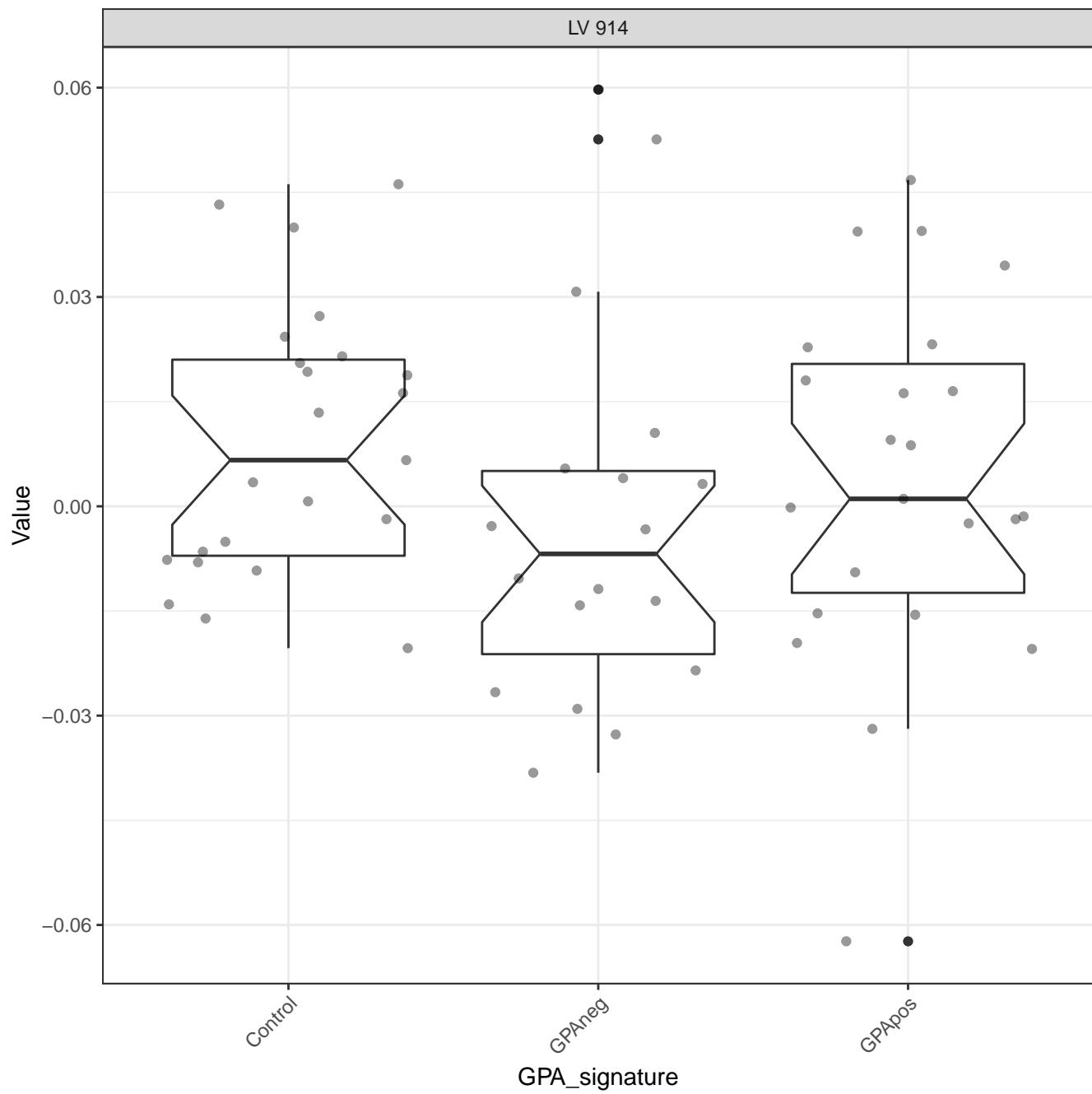
GPApos



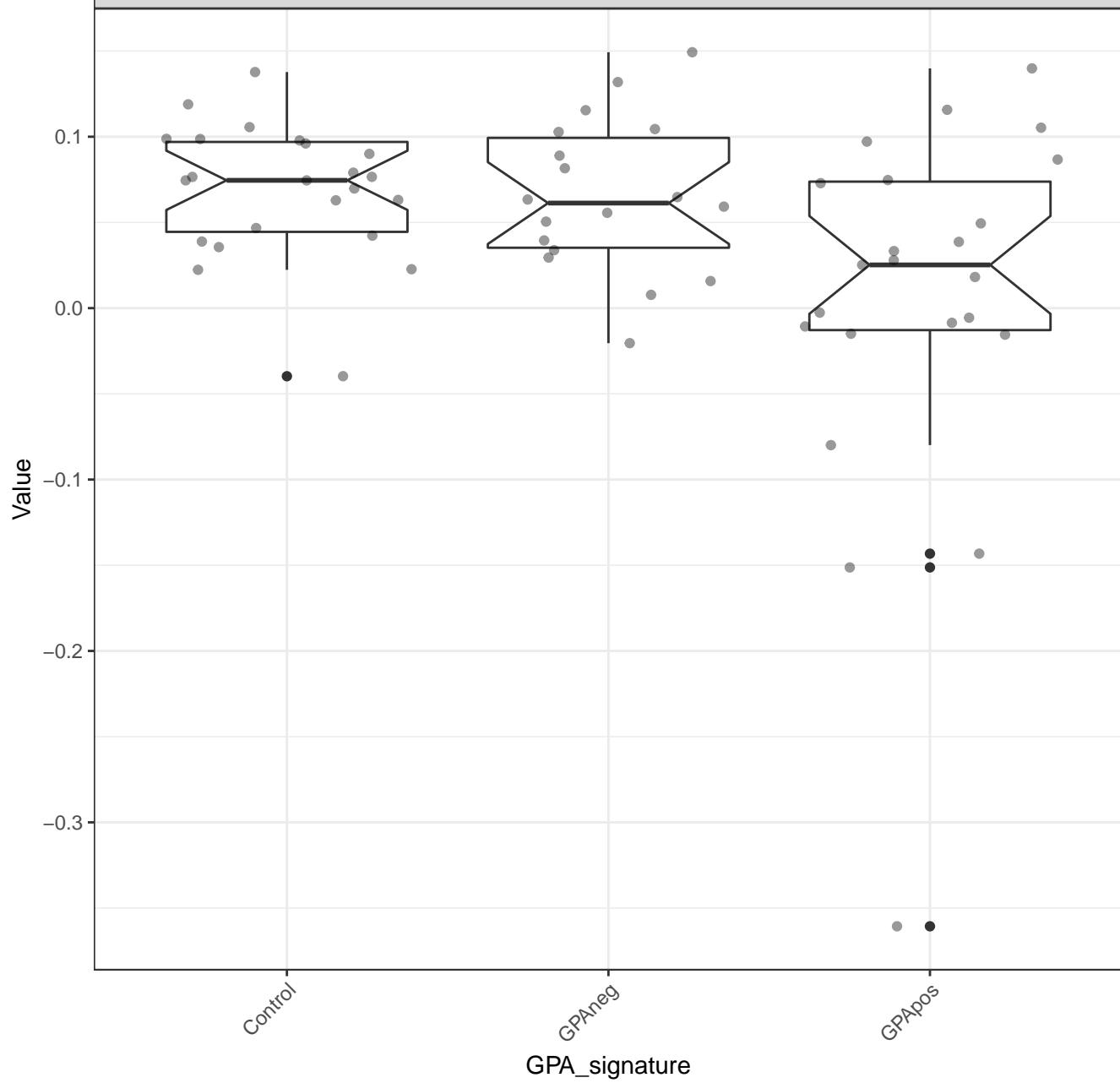
LV 913



LV 914



915,MIPS_SPLICEOSOME



LV 916

Value

0.05

0.00

-0.05

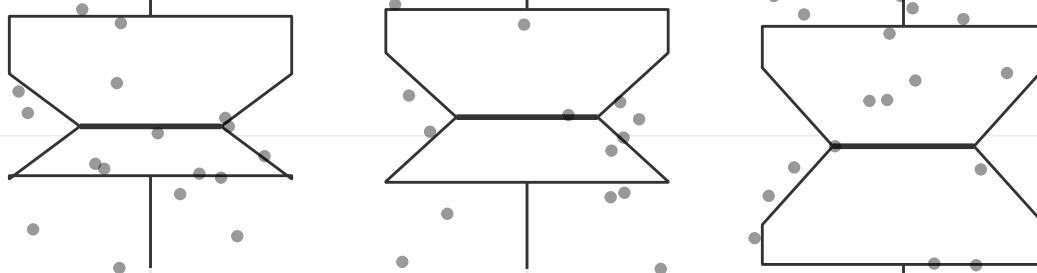
-0.10

Control

GPA_signature

GPAneg

GPApos



0.05

0.00

-0.05

-0.10

0.05

0.00

-0.05

-0.10

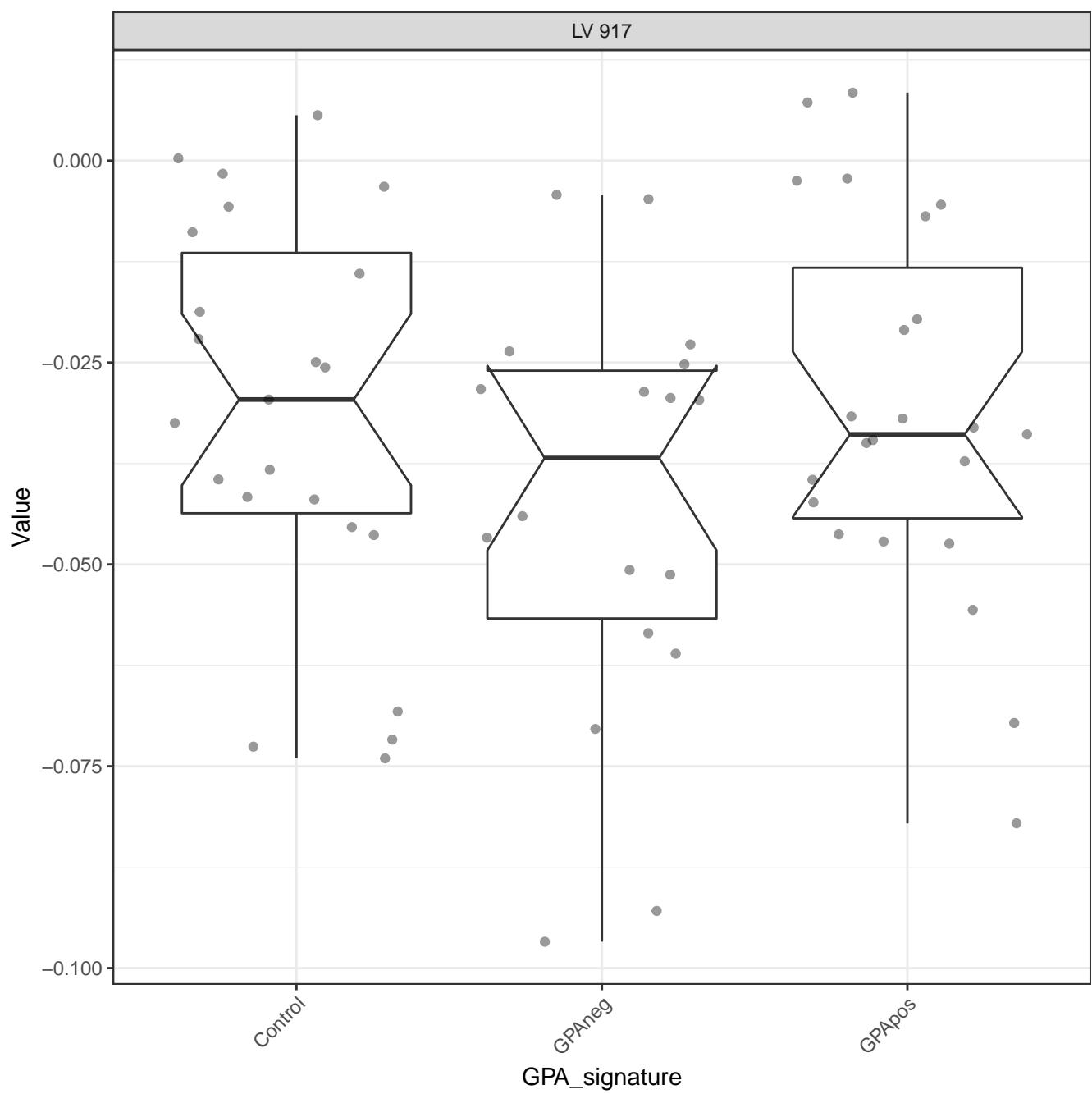
0.05

0.00

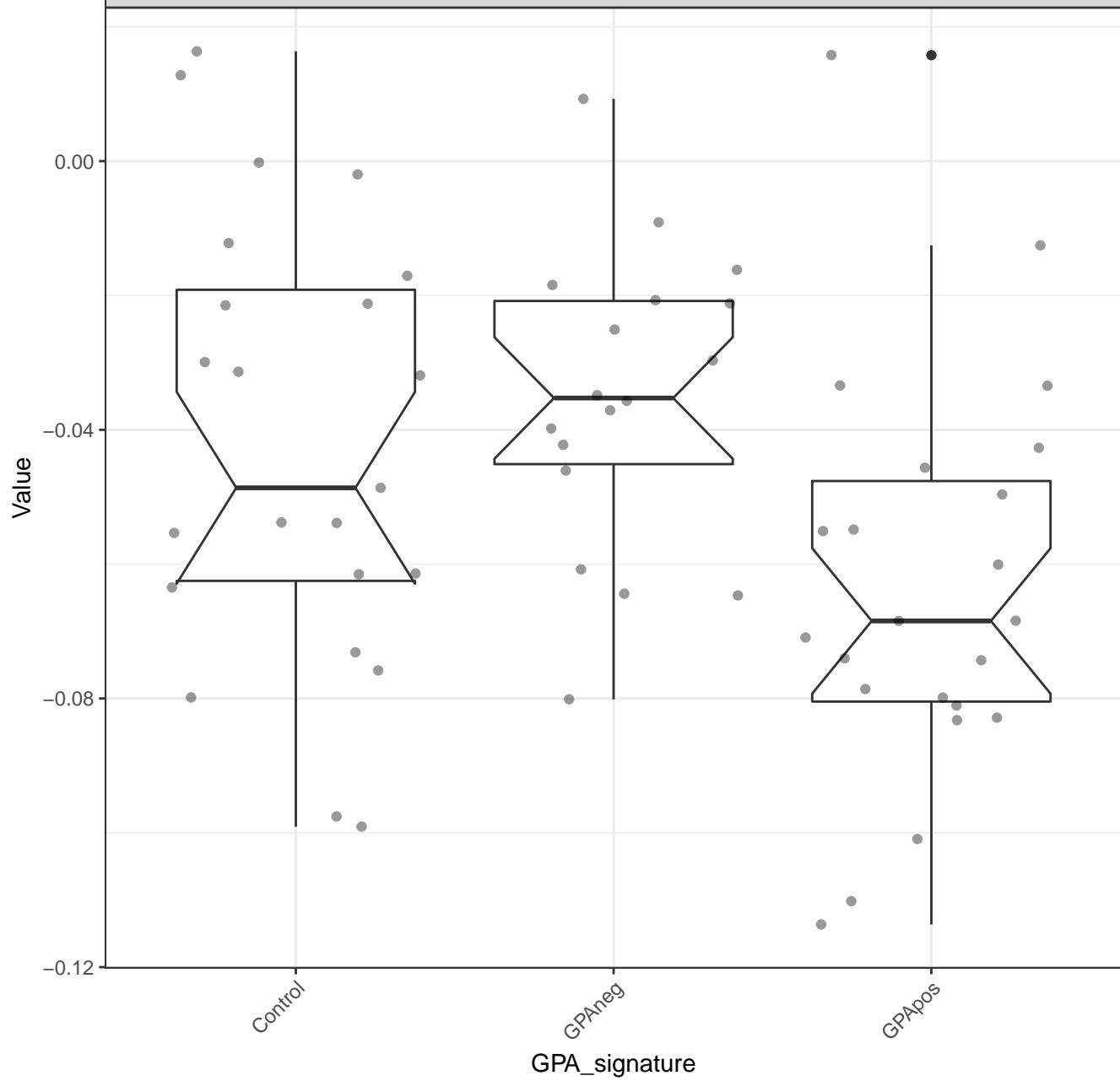
-0.05

-0.10

LV 917



LV 918



LV 919

Value

0.05

0.00

-0.05

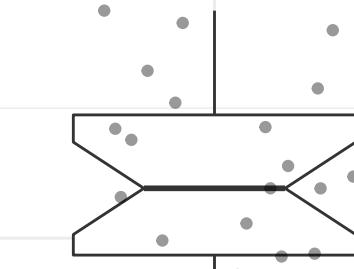
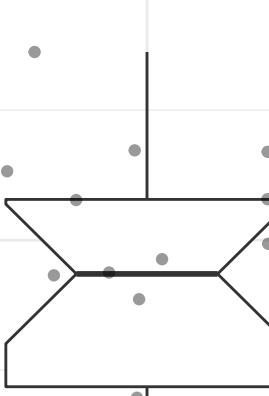
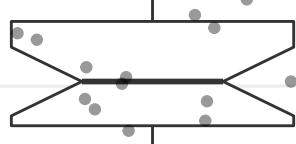
-0.10

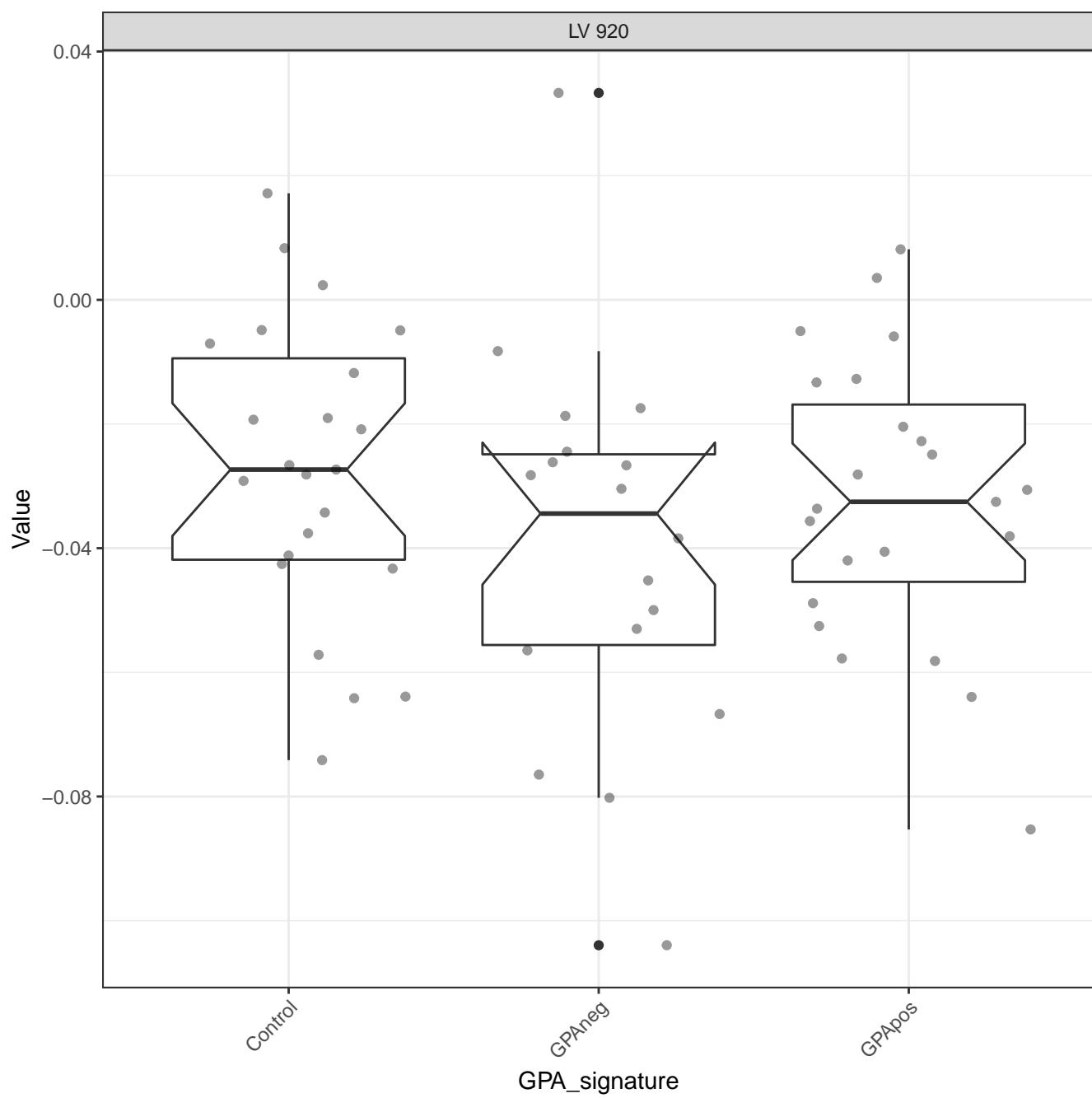
Control

GPAneg

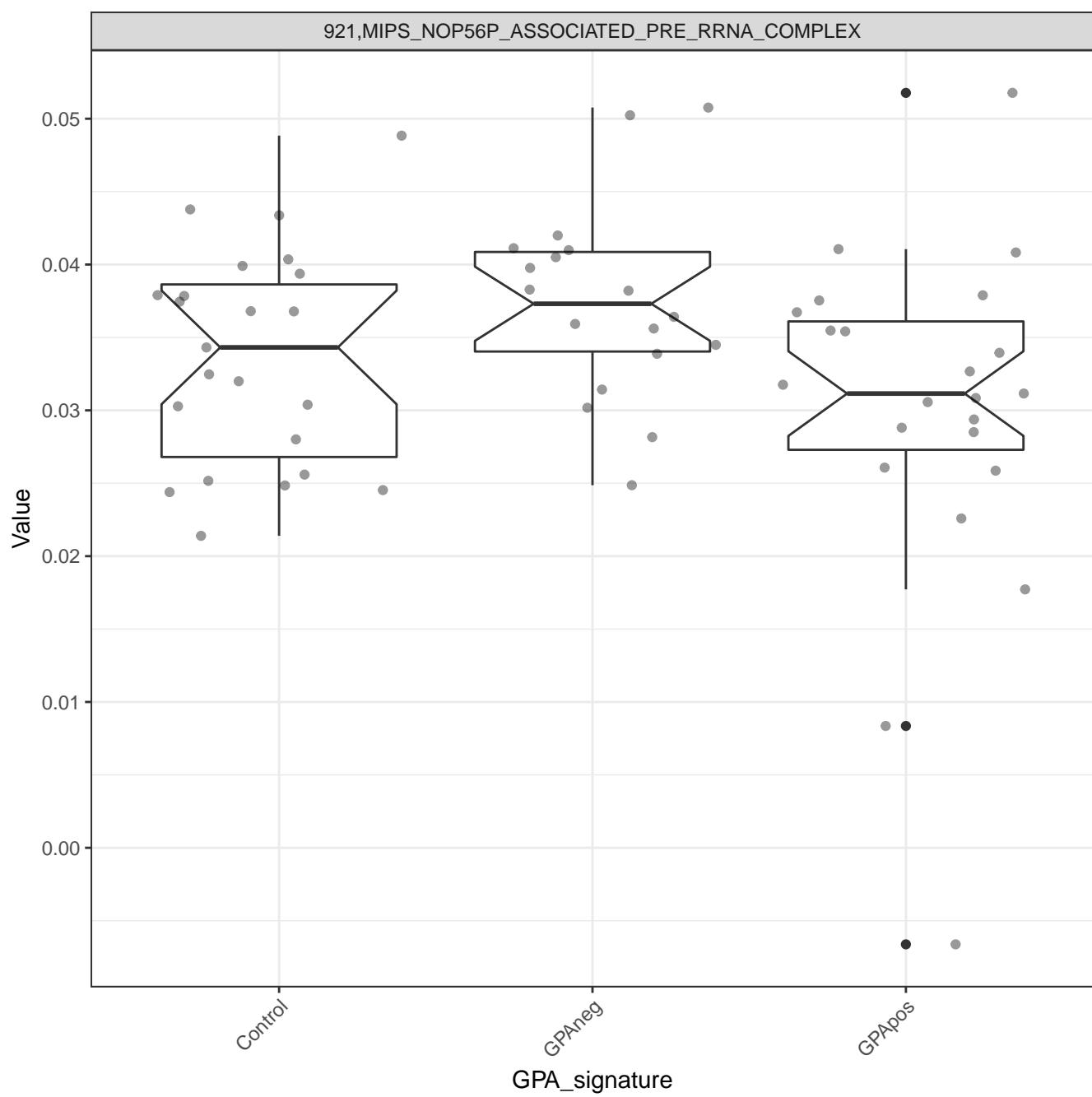
GPApos

GPA_signature

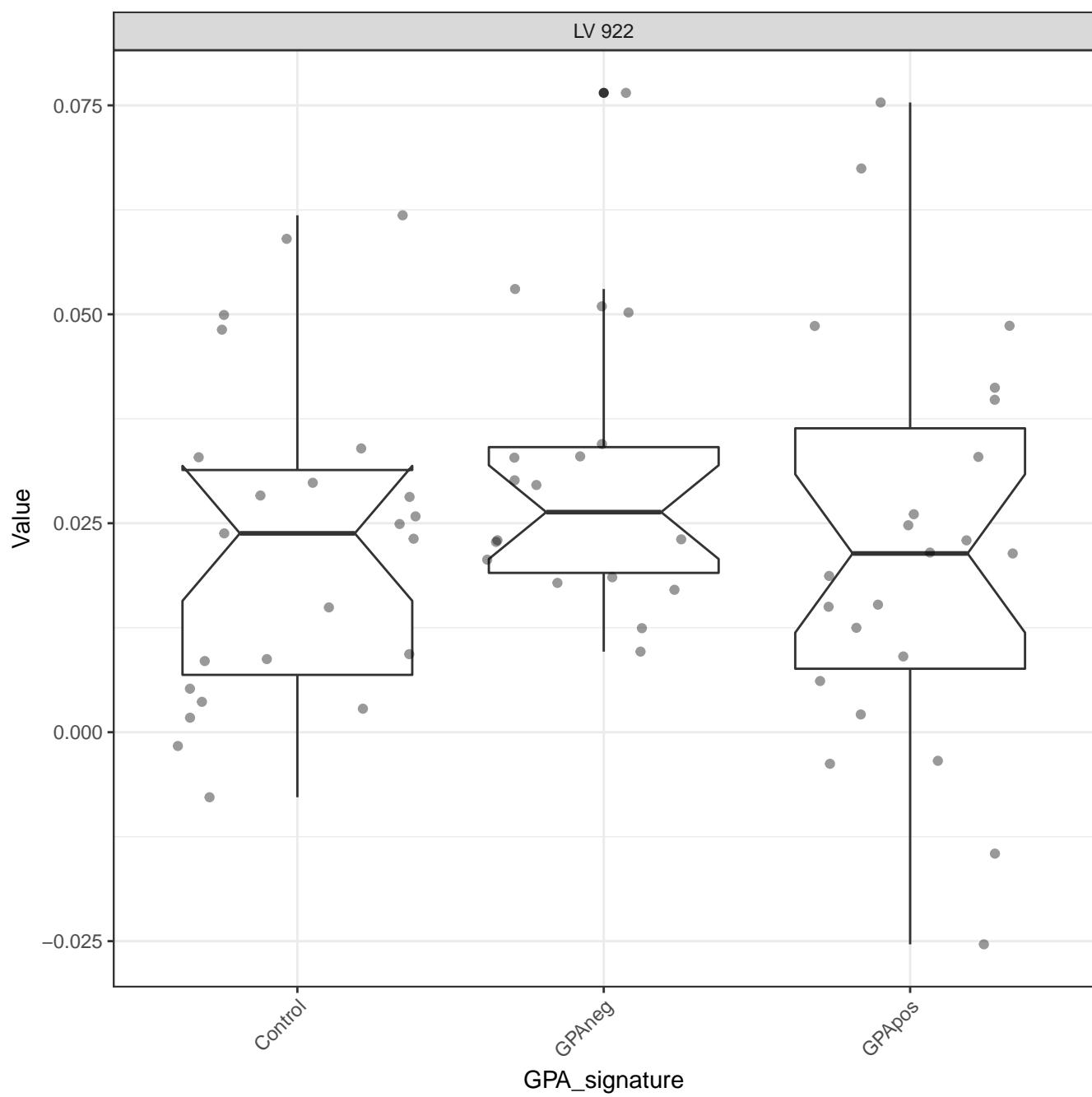




921,MIPS_NOP56P_ASSOCIATED_PRE_RRNA_COMPLEX



LV 922



LV 923

Value

0.05

0.00

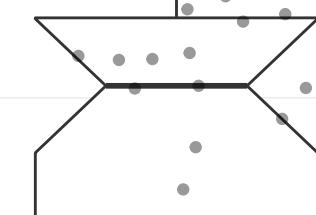
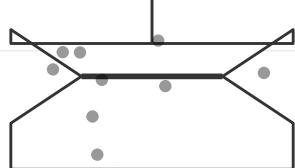
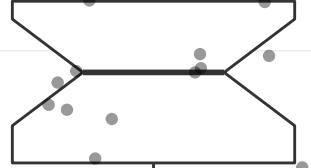
-0.05

Control

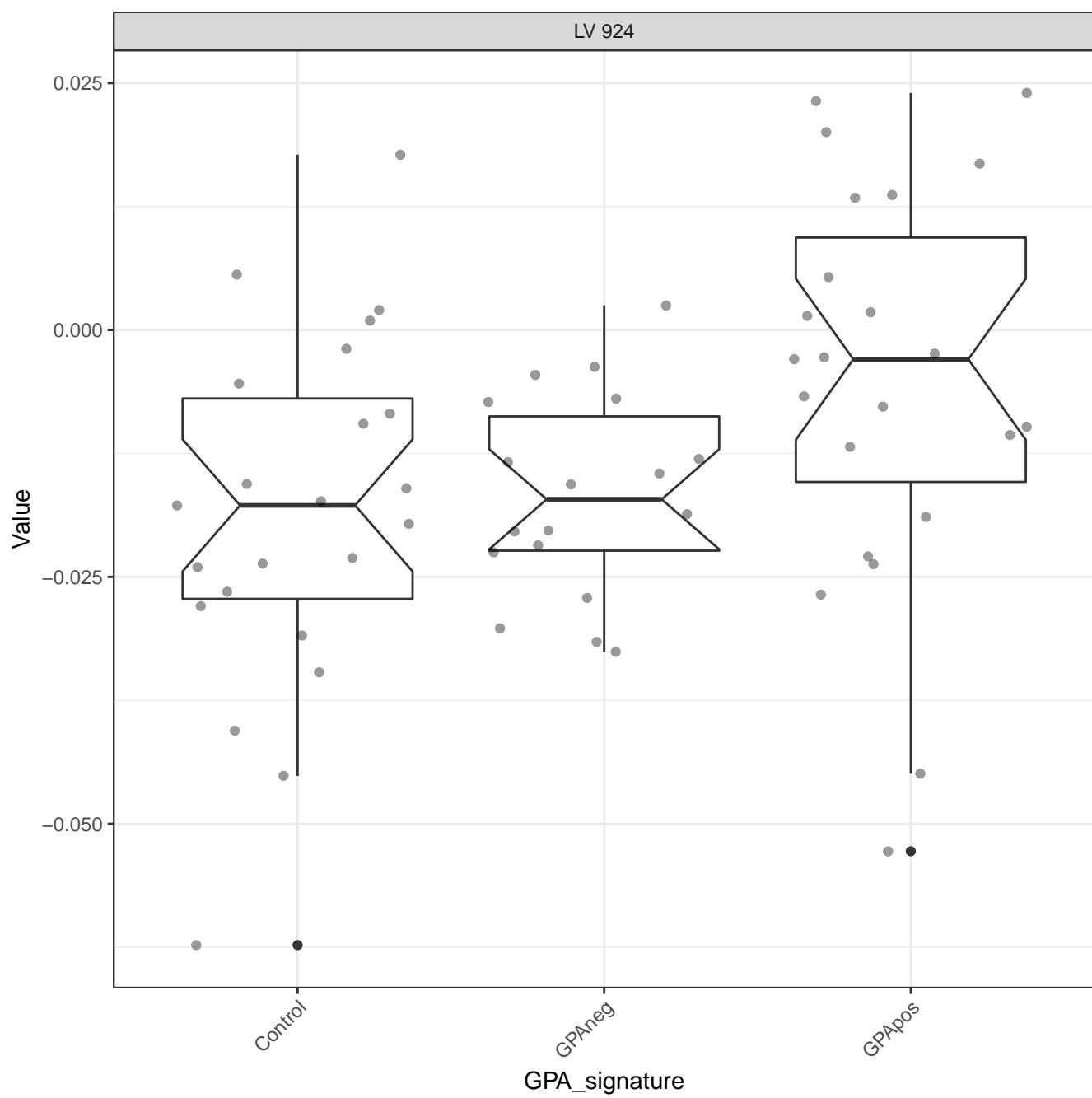
GPAneg

GPAPos

GPA_signature



LV 924



LV 925

Value

0.05

0.00

-0.05

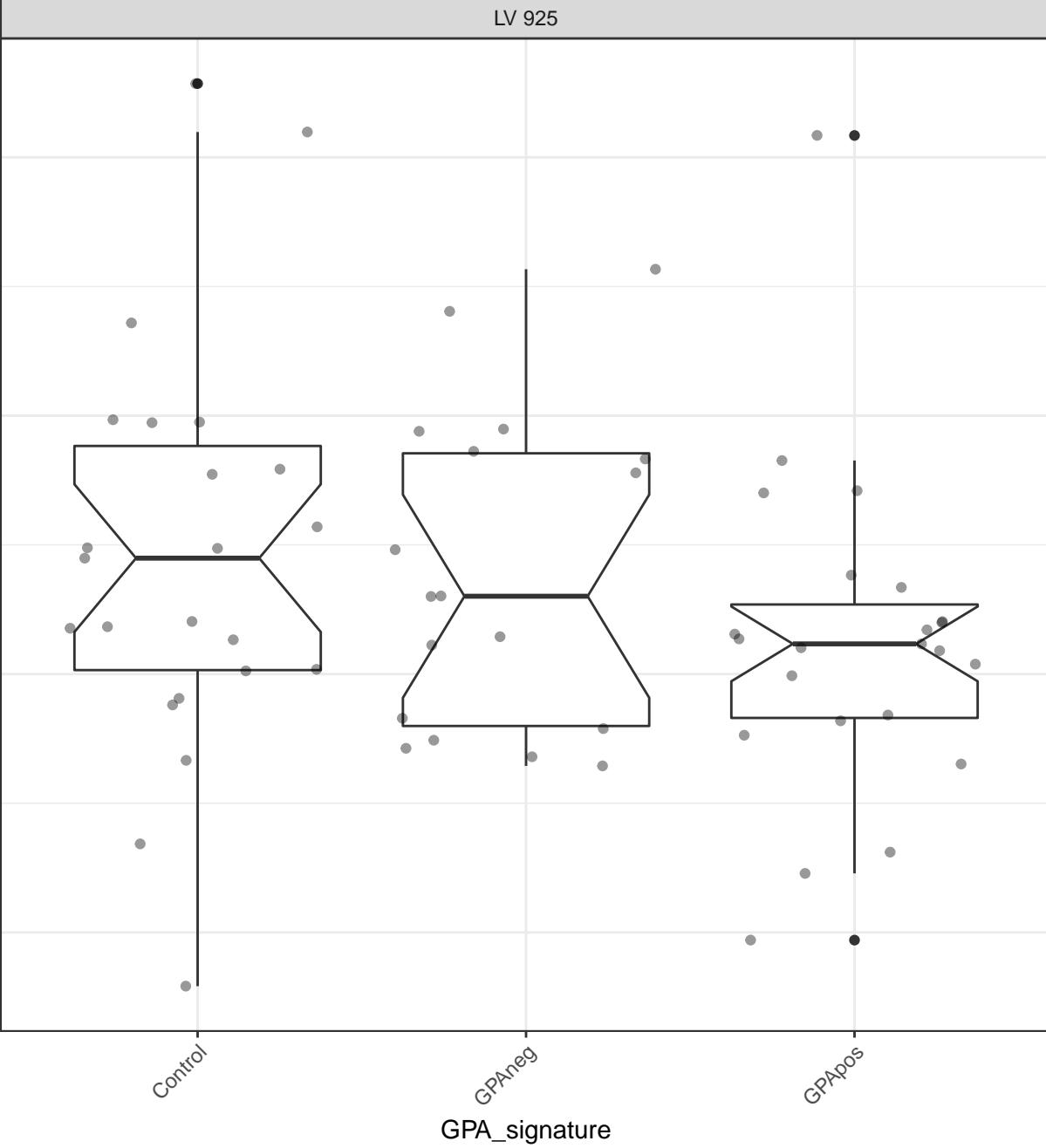
-0.10

Control

GPAneg

GPAPos

GPA_signature



LV 926

Value

0.04

0.00

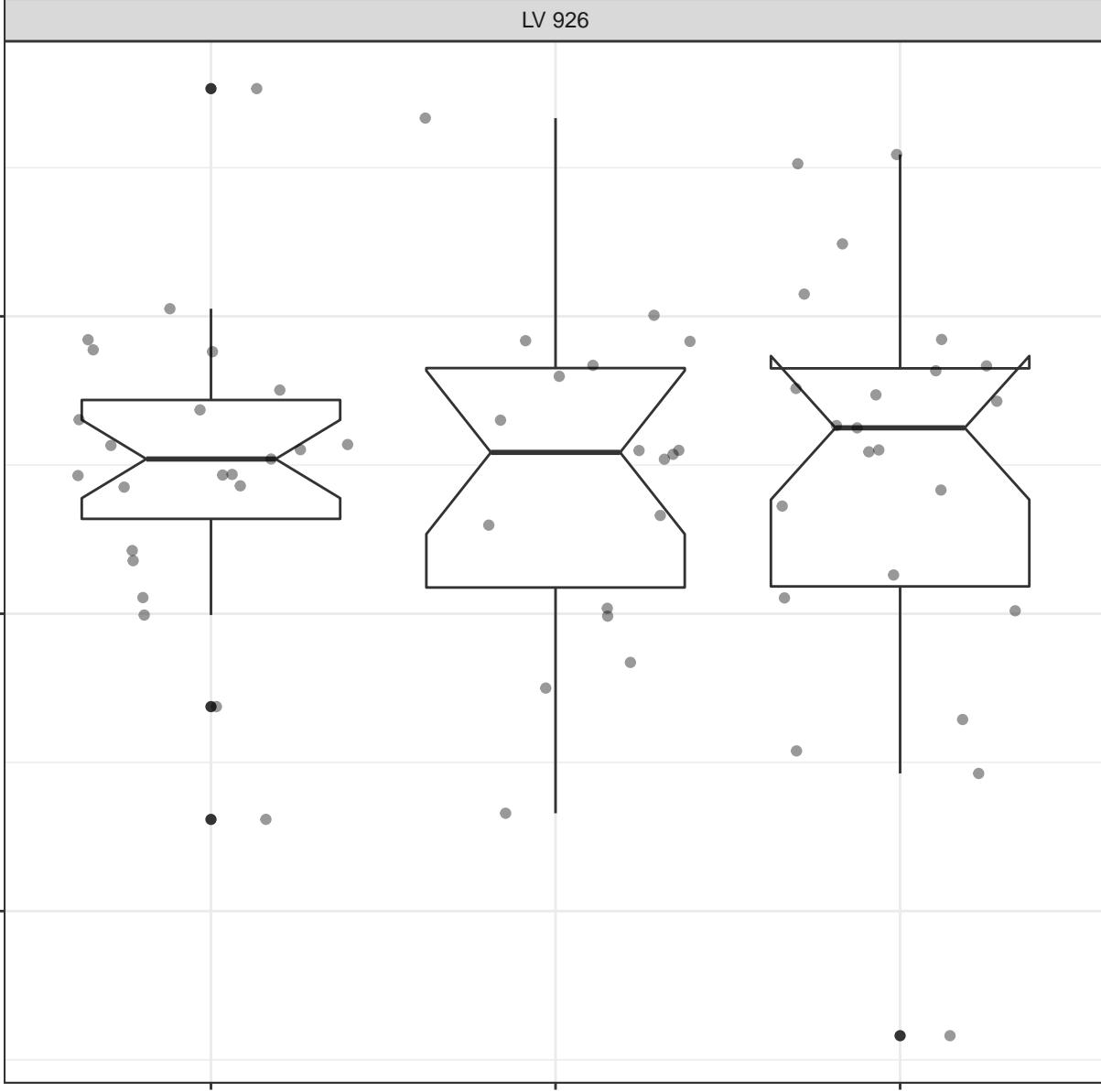
-0.04

Control

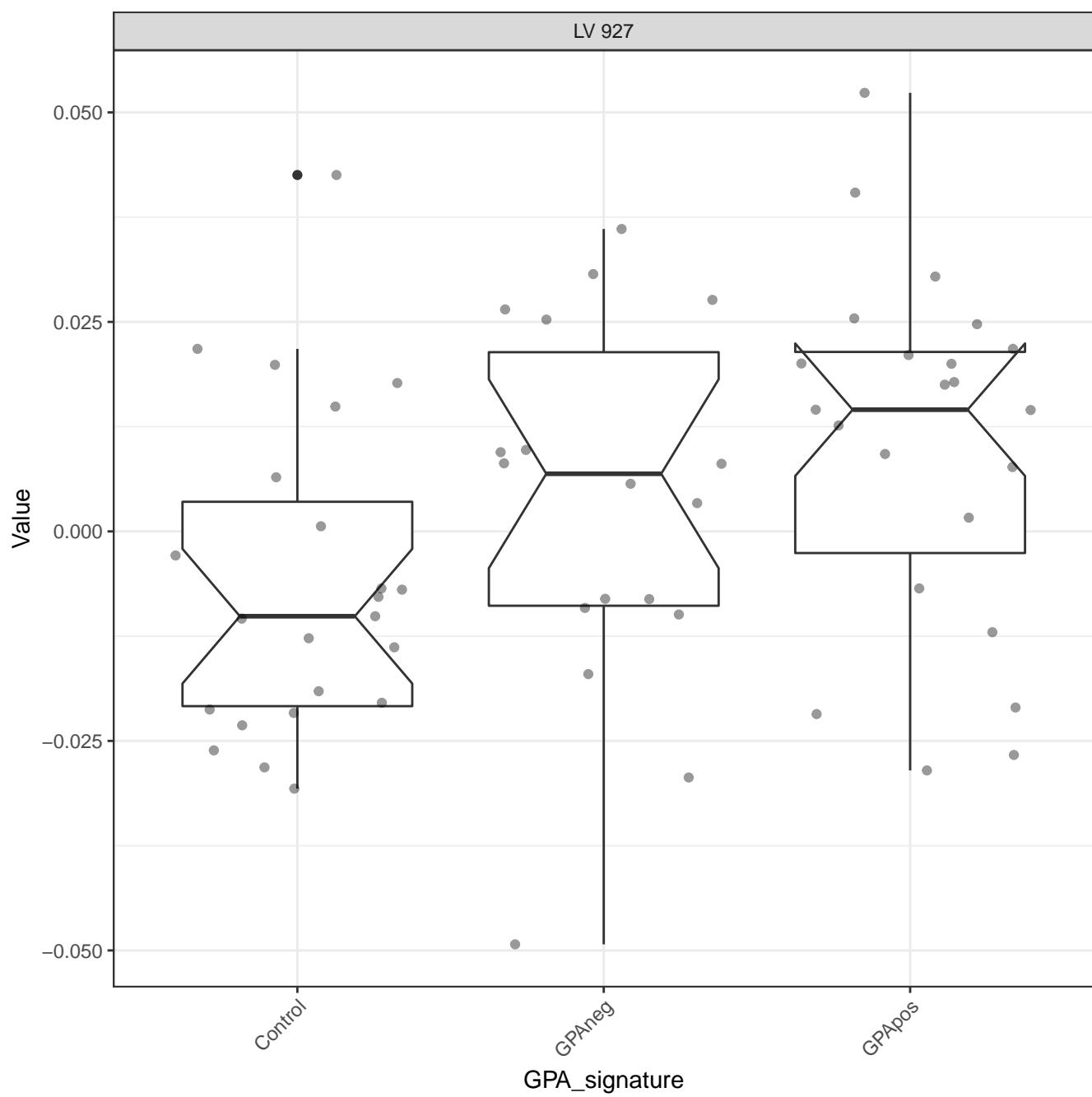
GPA_signature

GPAneg

GPAPos

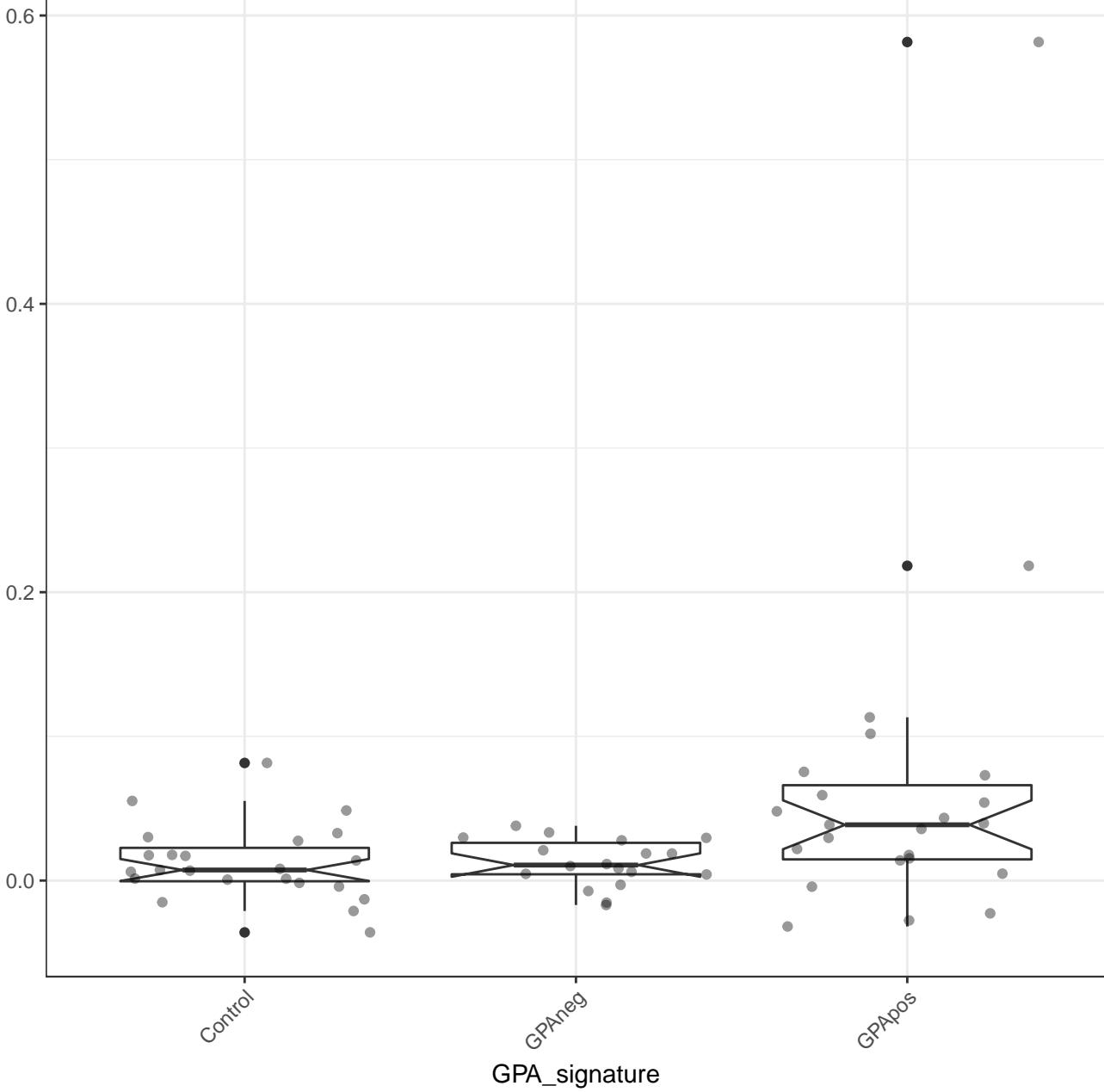


LV 927

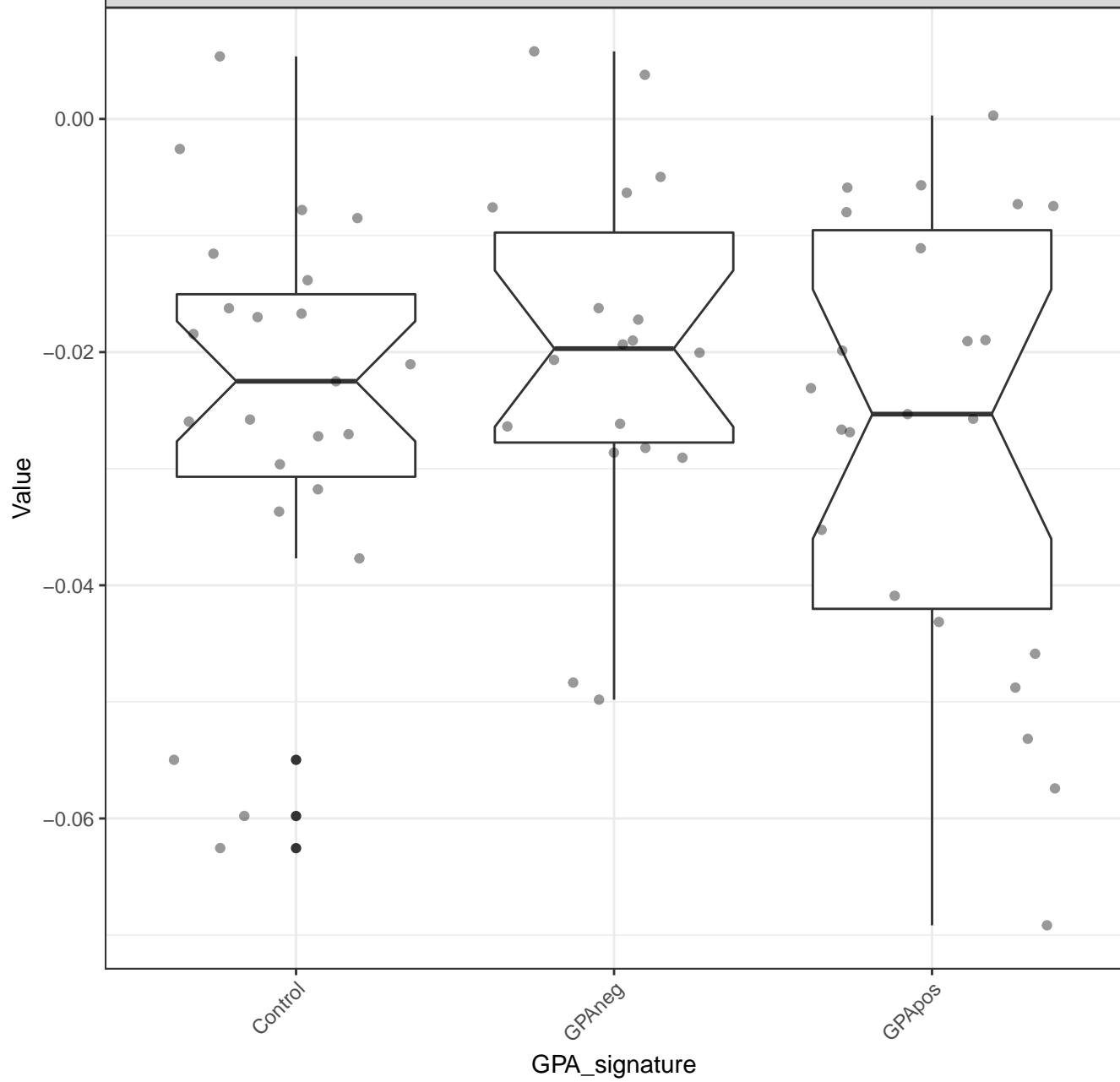


928,DMAP_ERY3

Value



LV 929



LV 930

Value

0.10

0.05

0.00

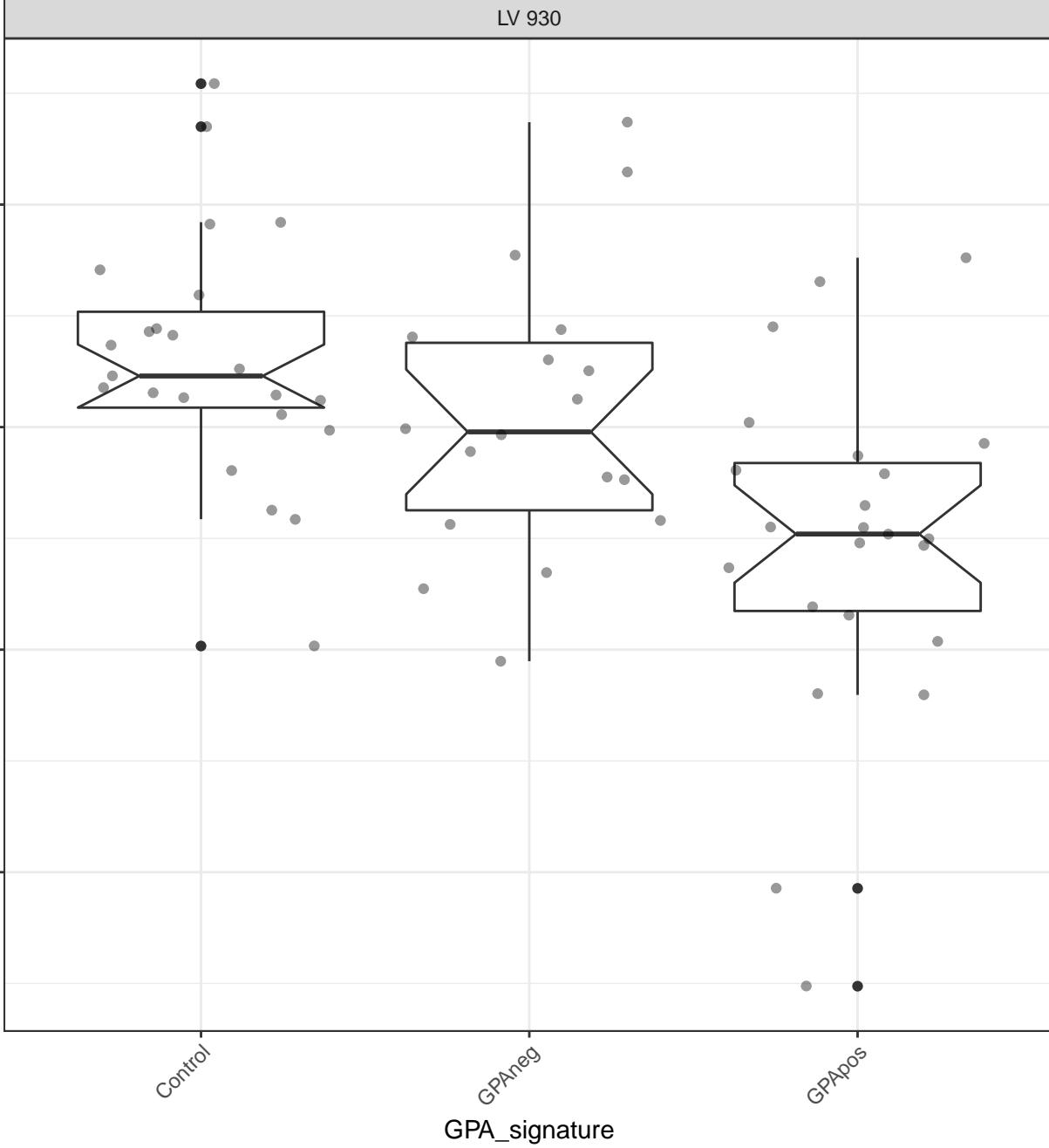
-0.05

Control

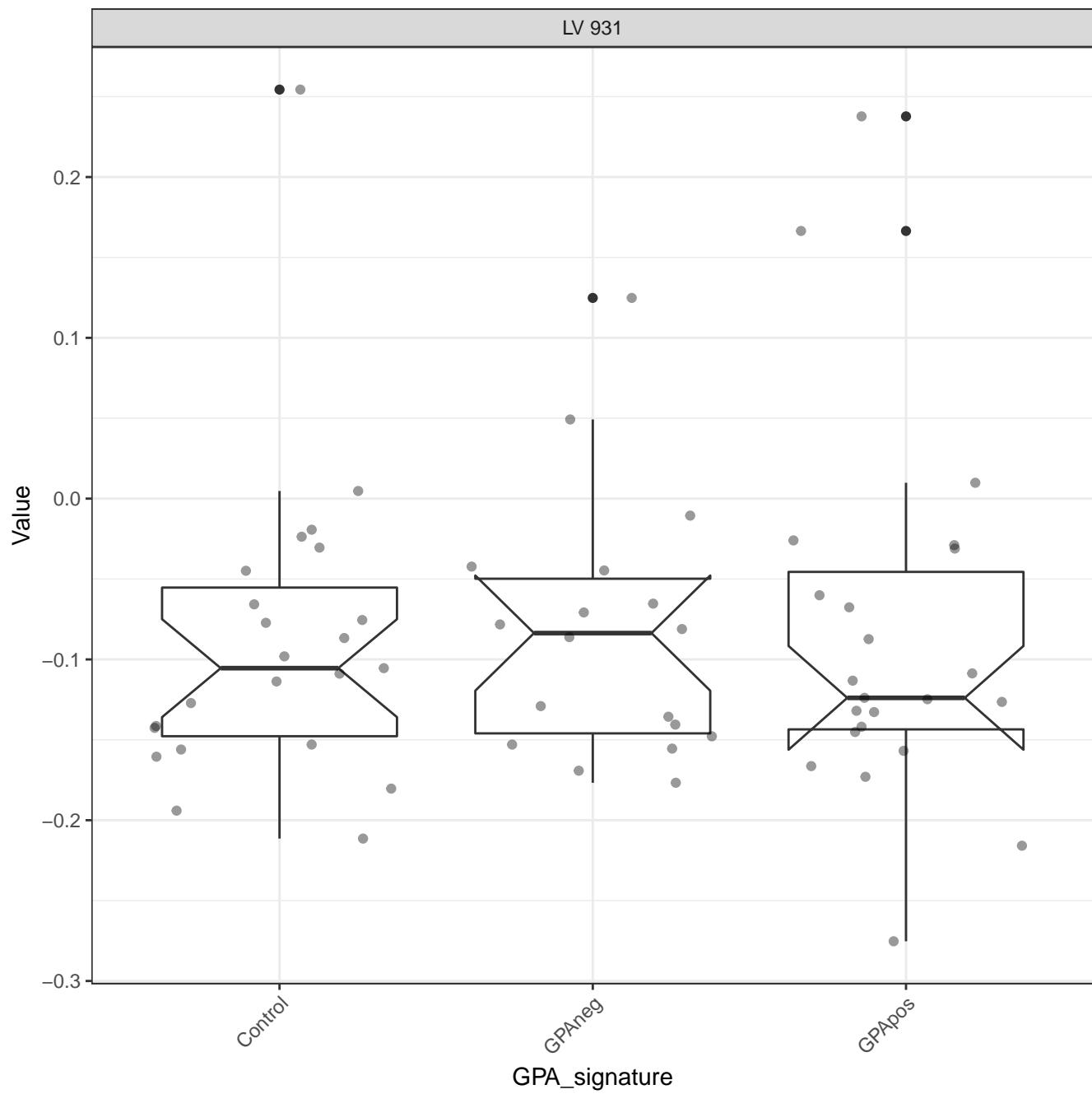
GPAneg

GPAPos

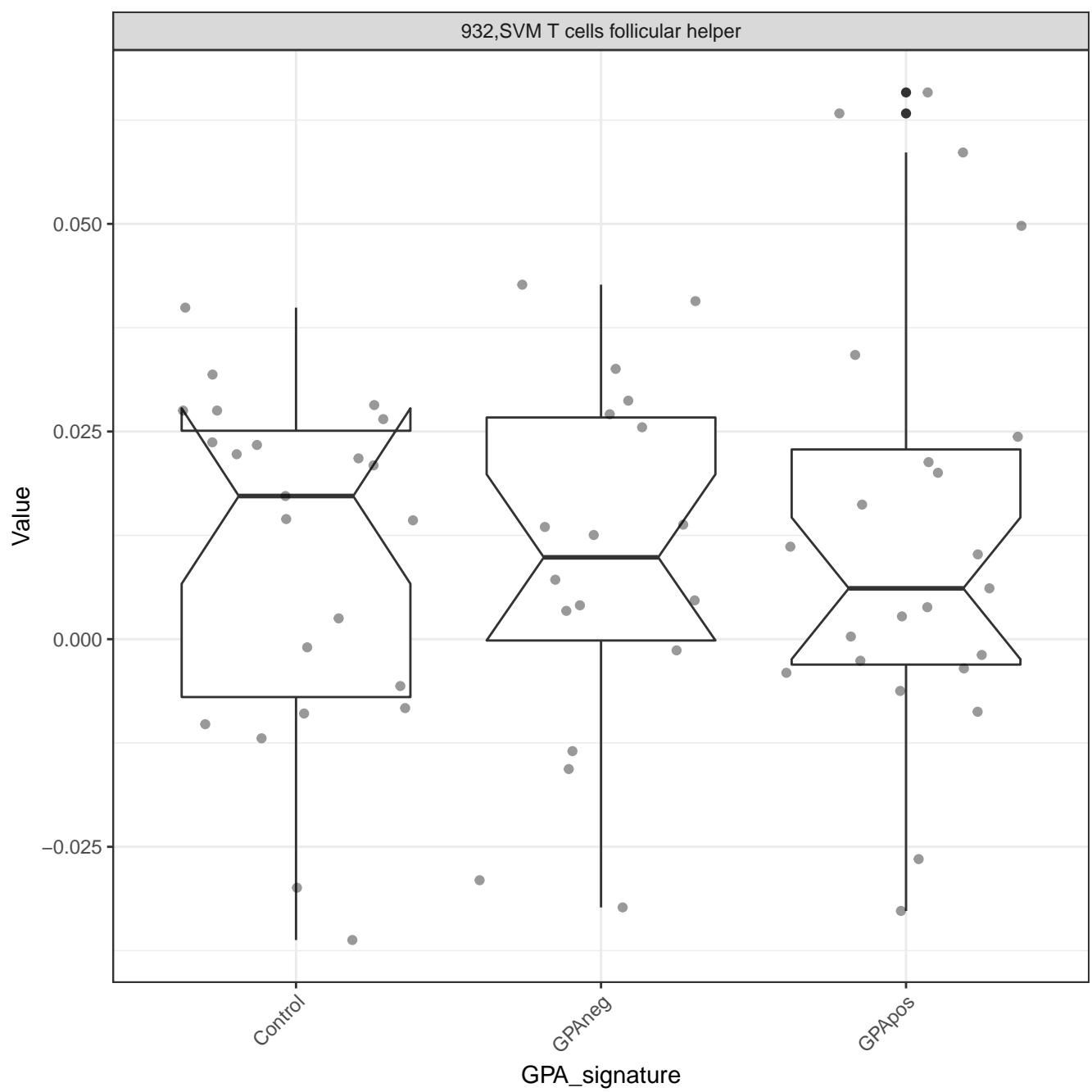
GPA_signature



LV 931



932,SVM T cells follicular helper



LV 933

Value

0.00

-0.03

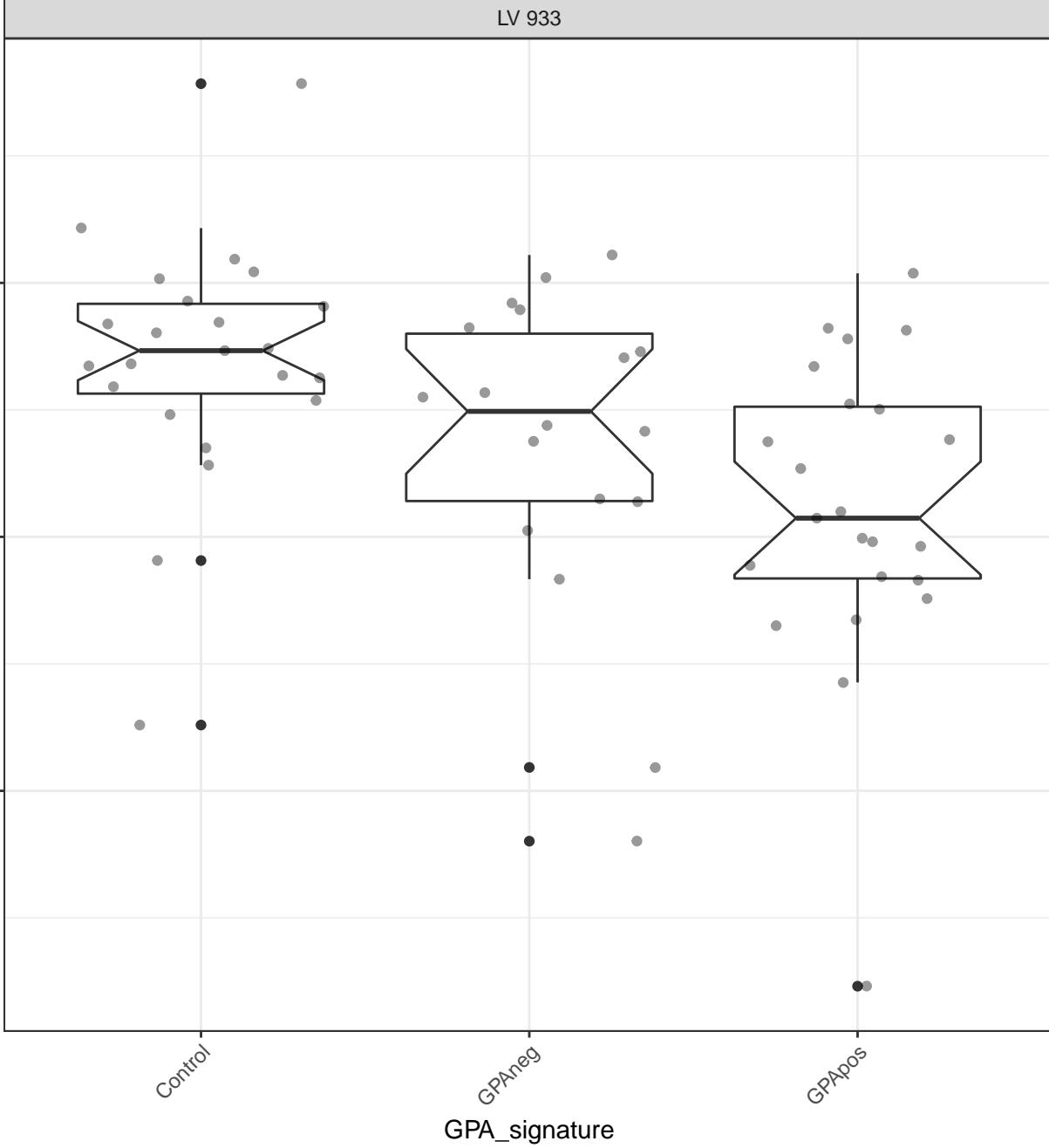
-0.06

Control

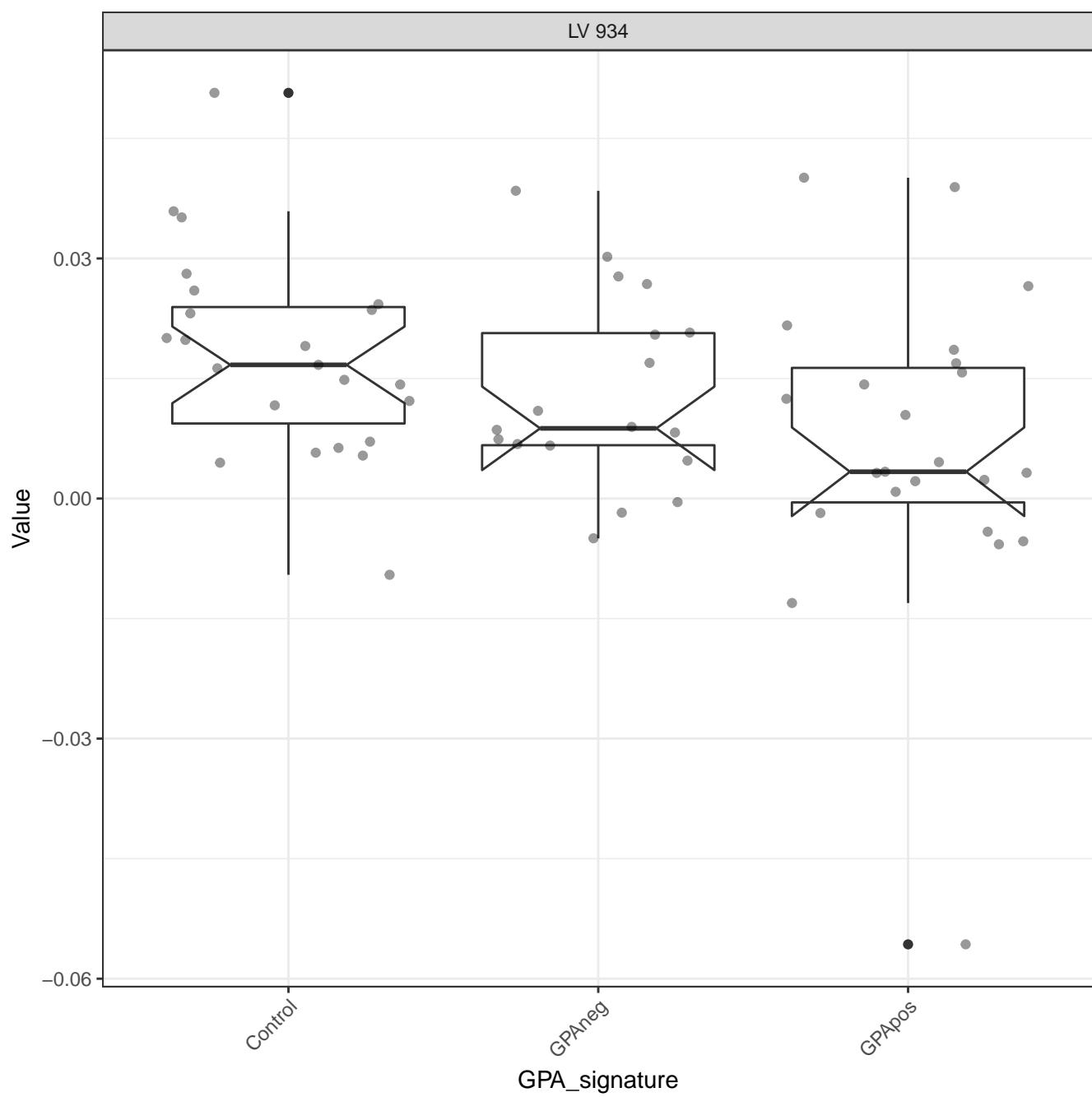
GPAneg

GPAPos

GPA_signature



LV 934



935,REACTOME_3_UTR_MEDIATED_TRANSLATIONAL_REGULATION

Value

0.04

0.02

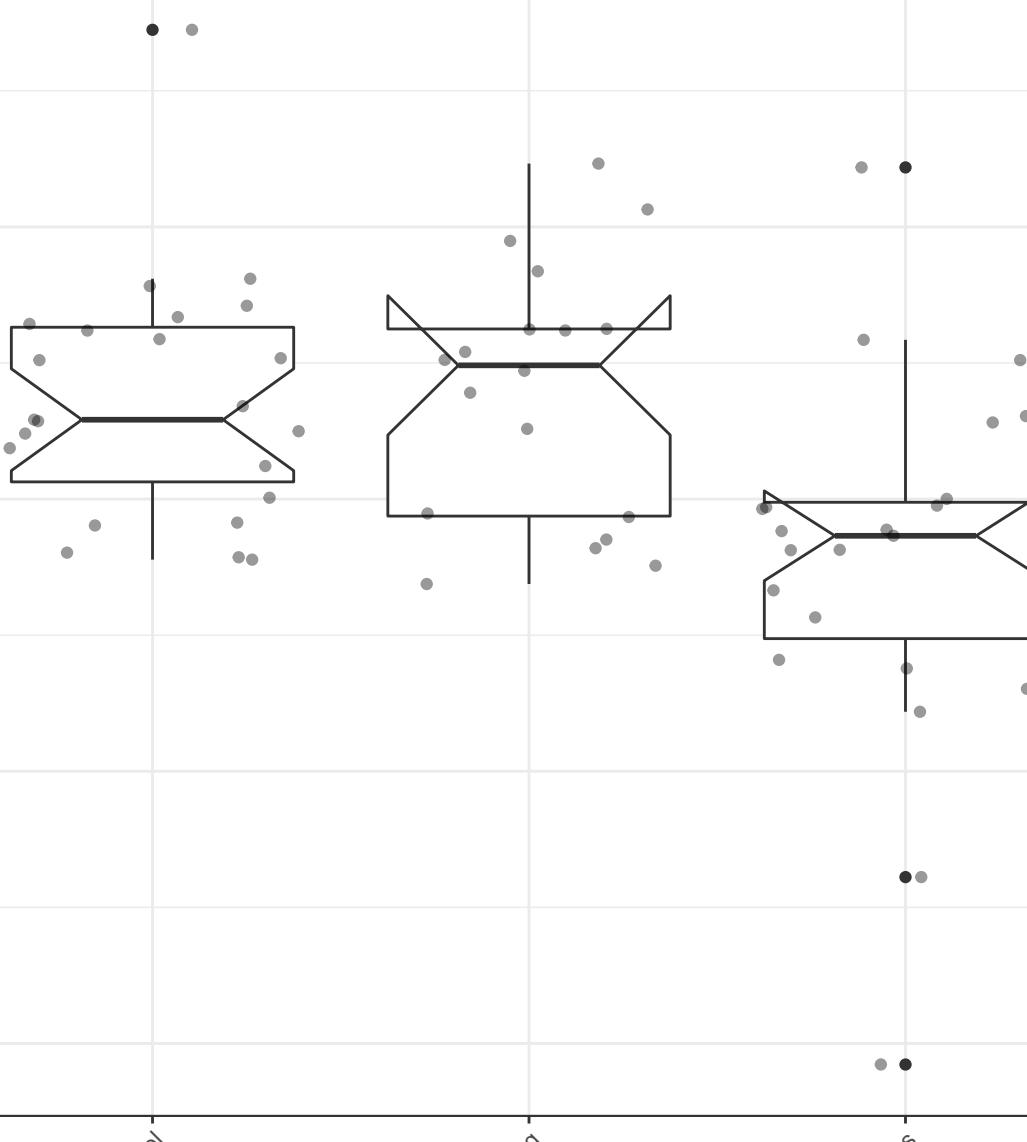
-0.02

Control

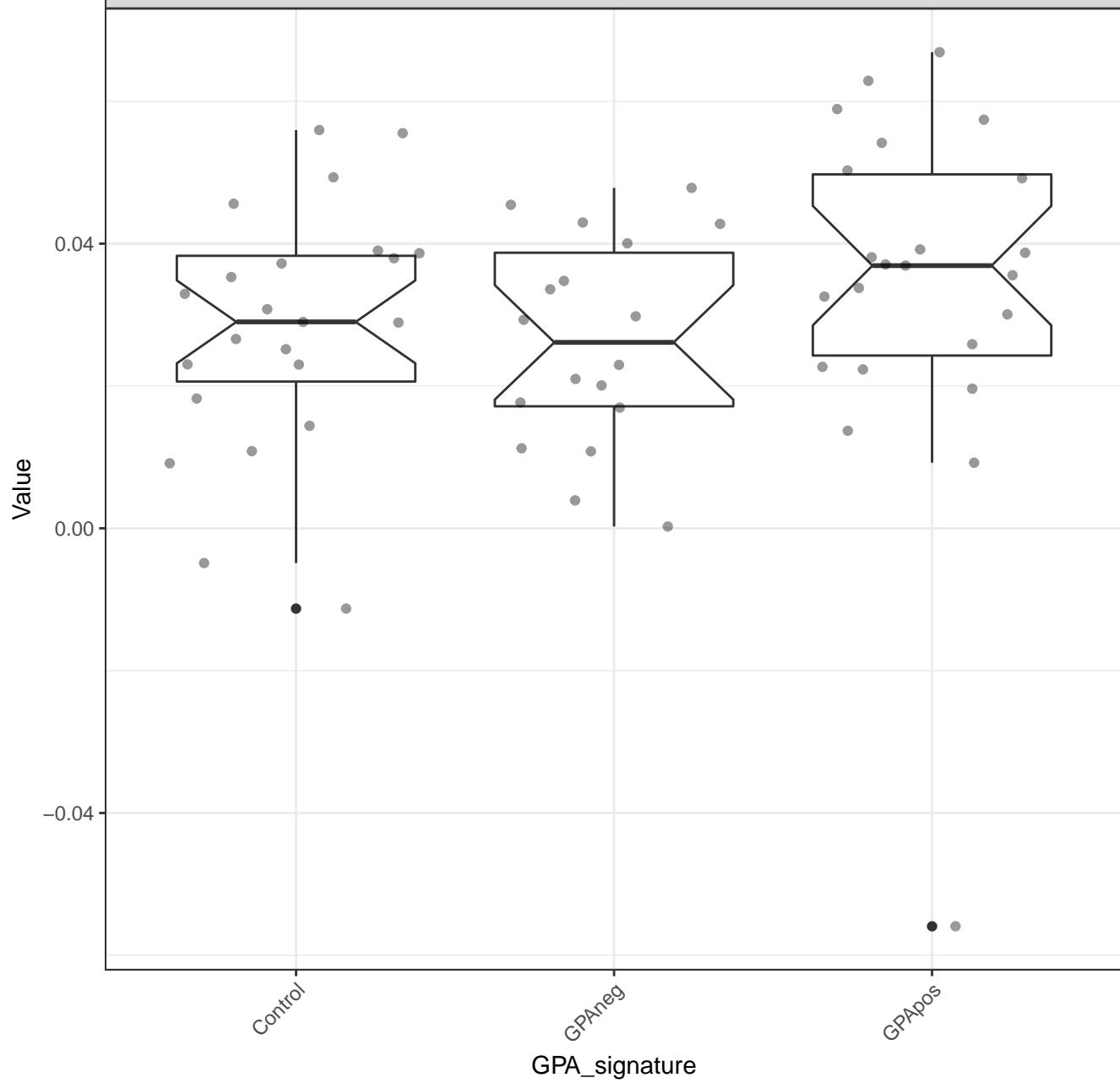
GPA_signature

GPAneg

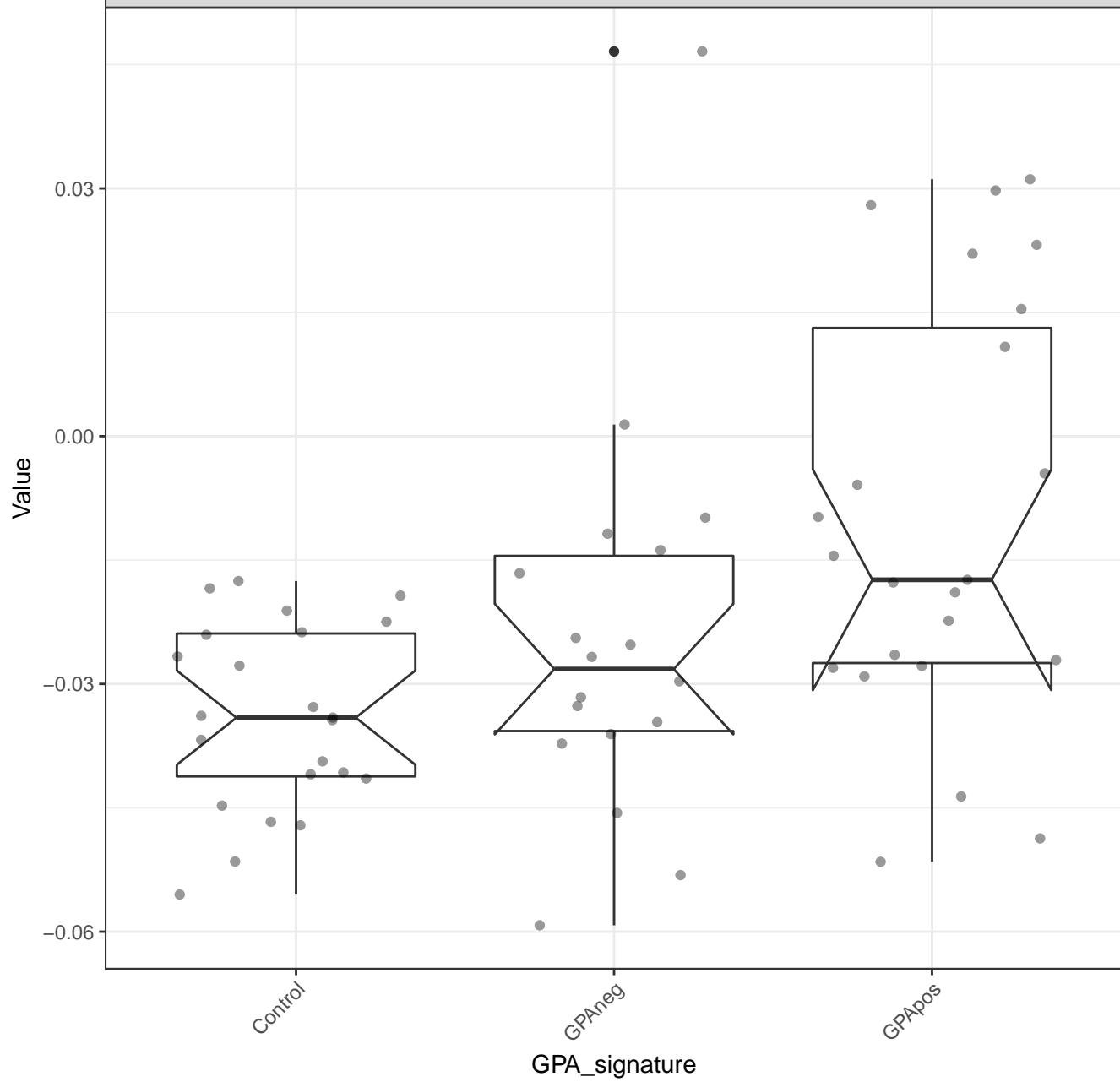
GPAPos



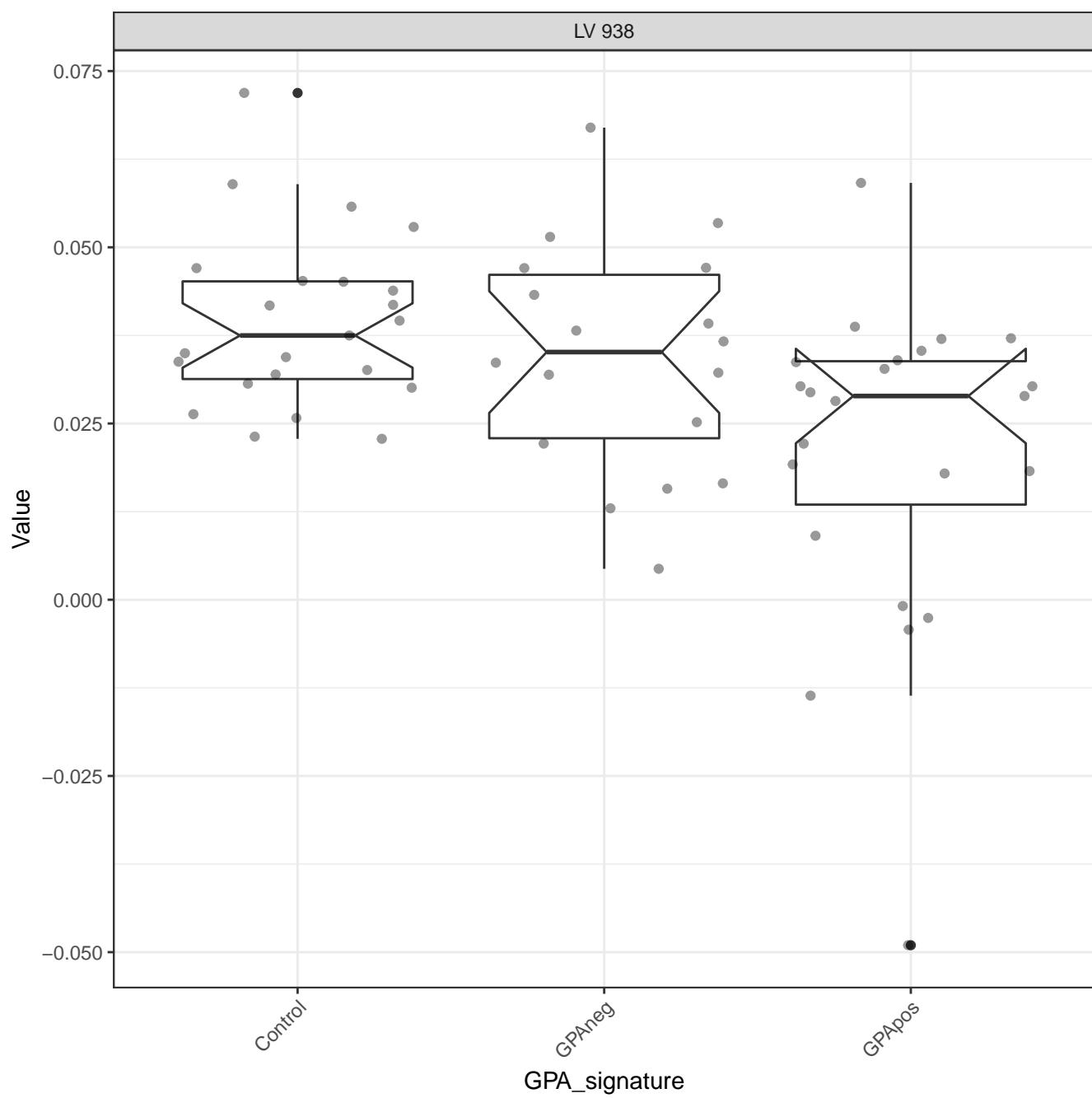
LV 936



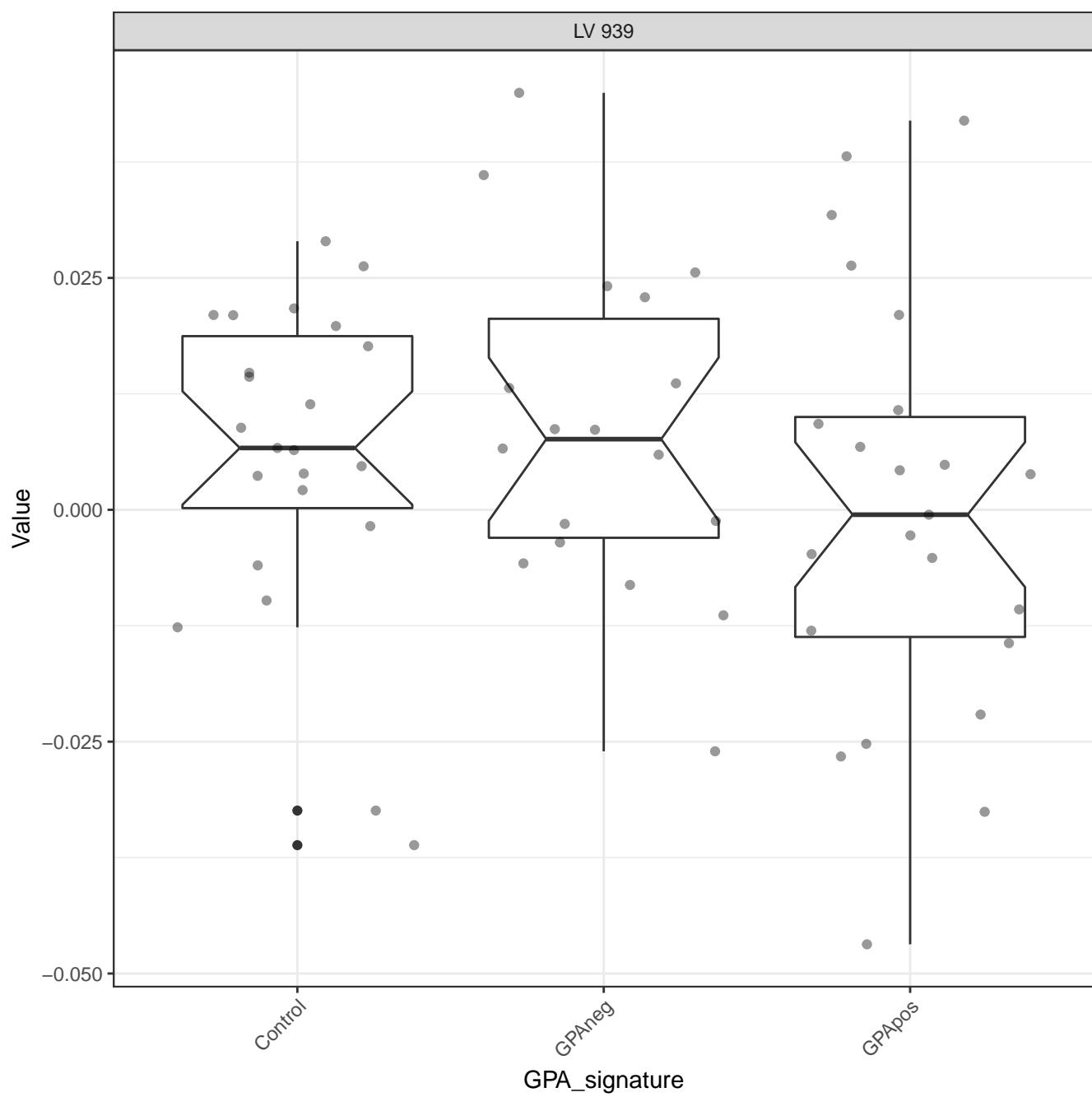
937,PID_HIF1_TFPATHWAY



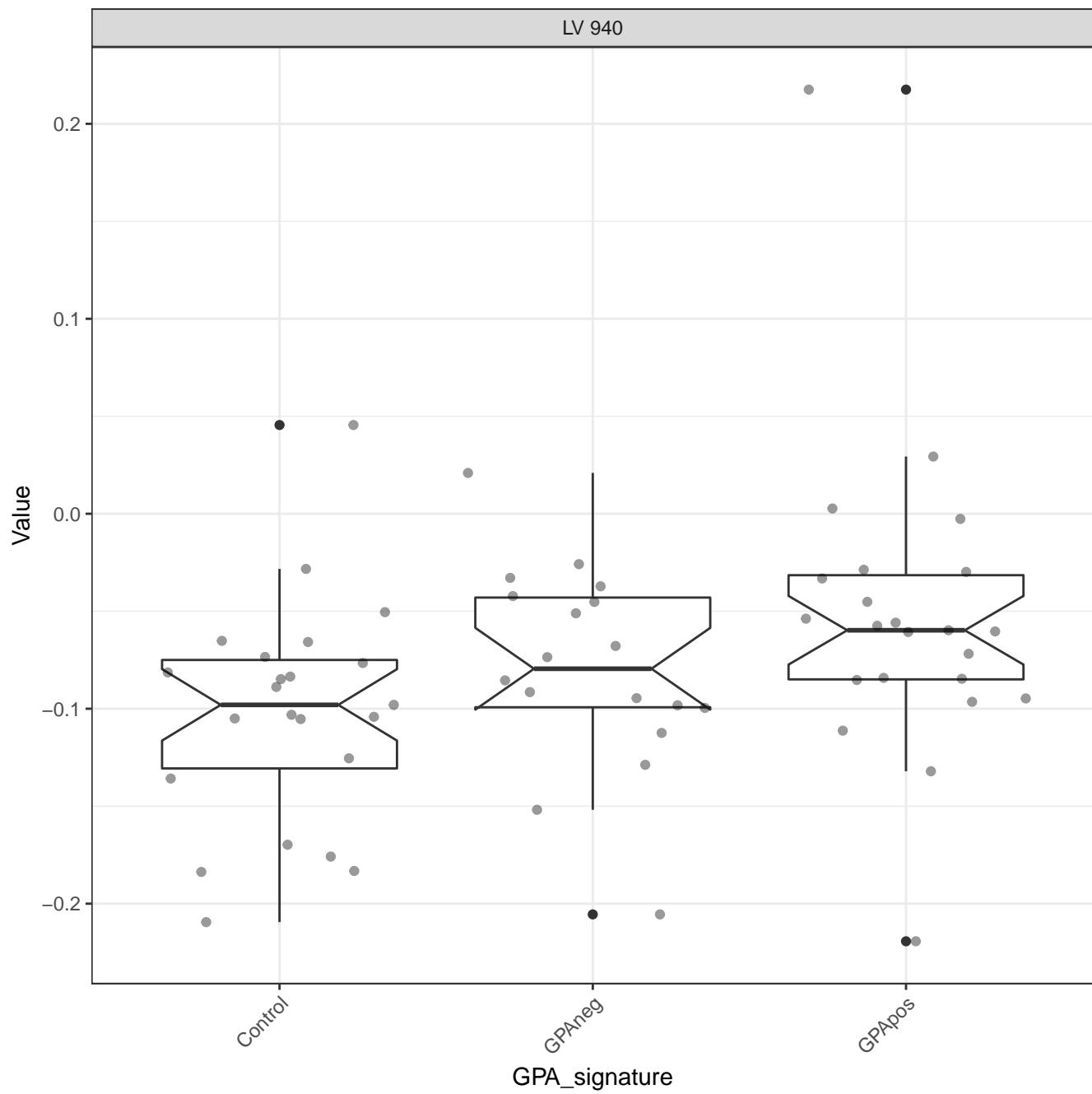
LV 938



LV 939



LV 940



LV 941

Value

0.04

0.02

0.00

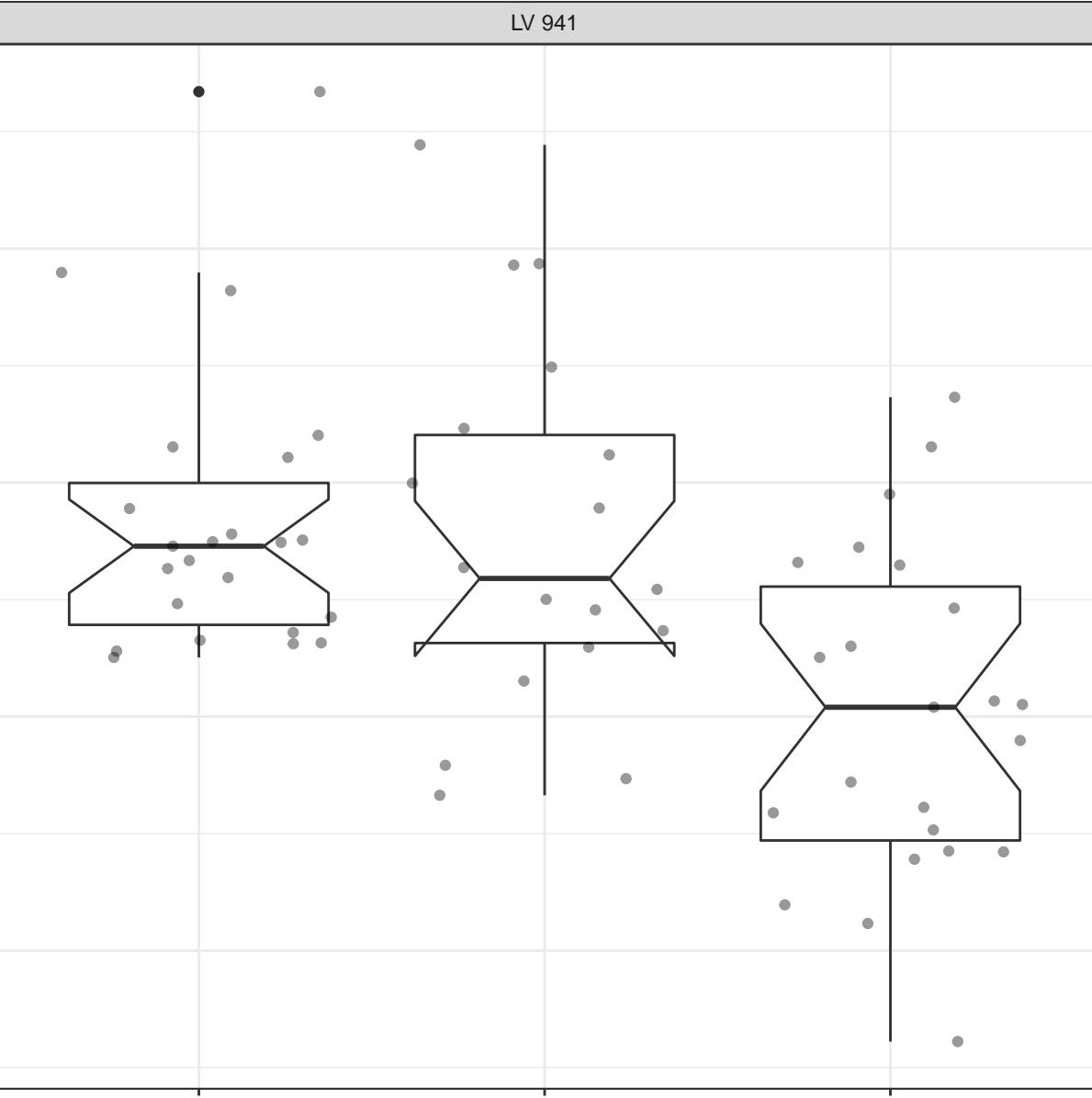
-0.02

Control

GPA_signature

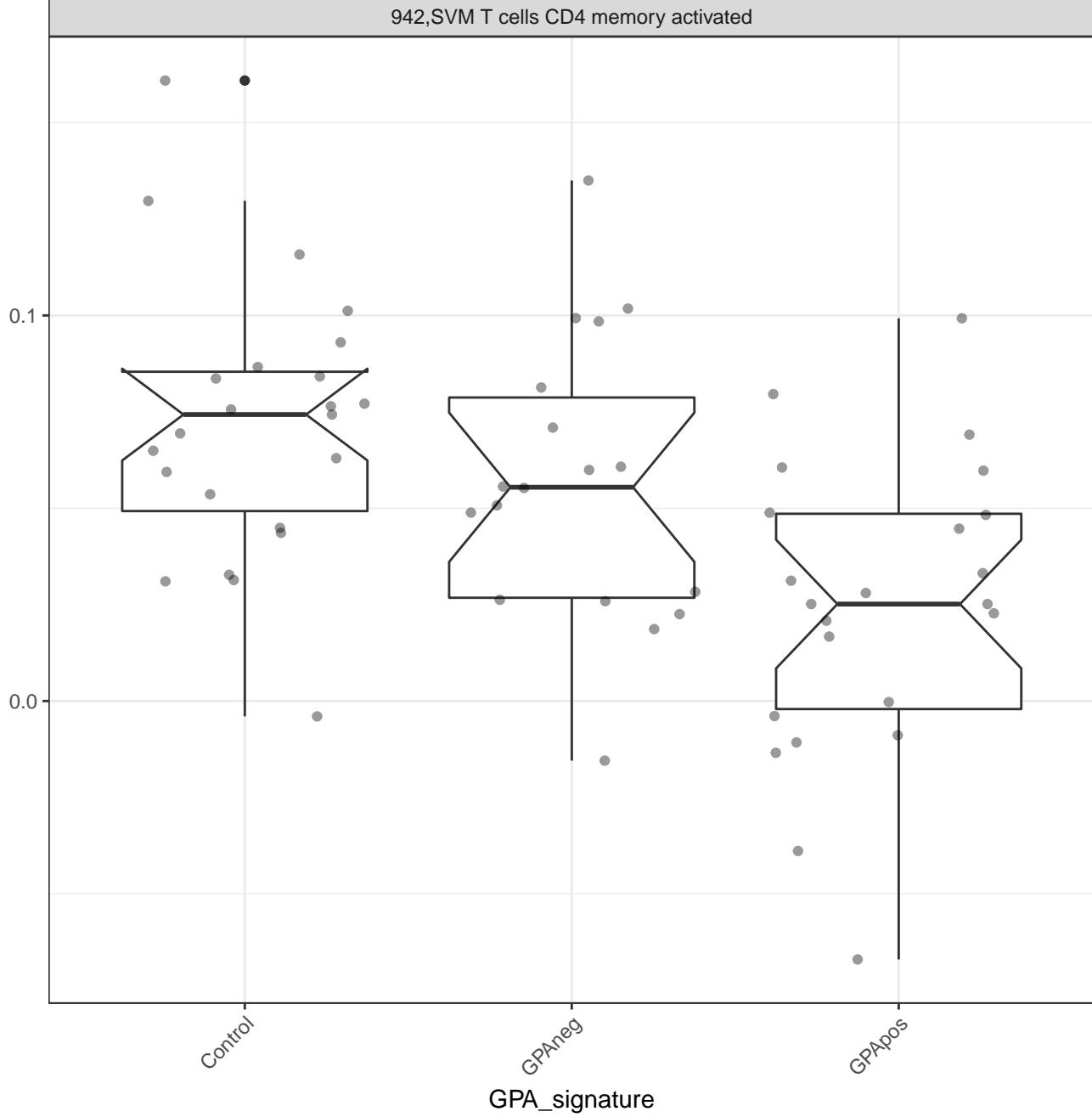
GPAneg

GPAPos

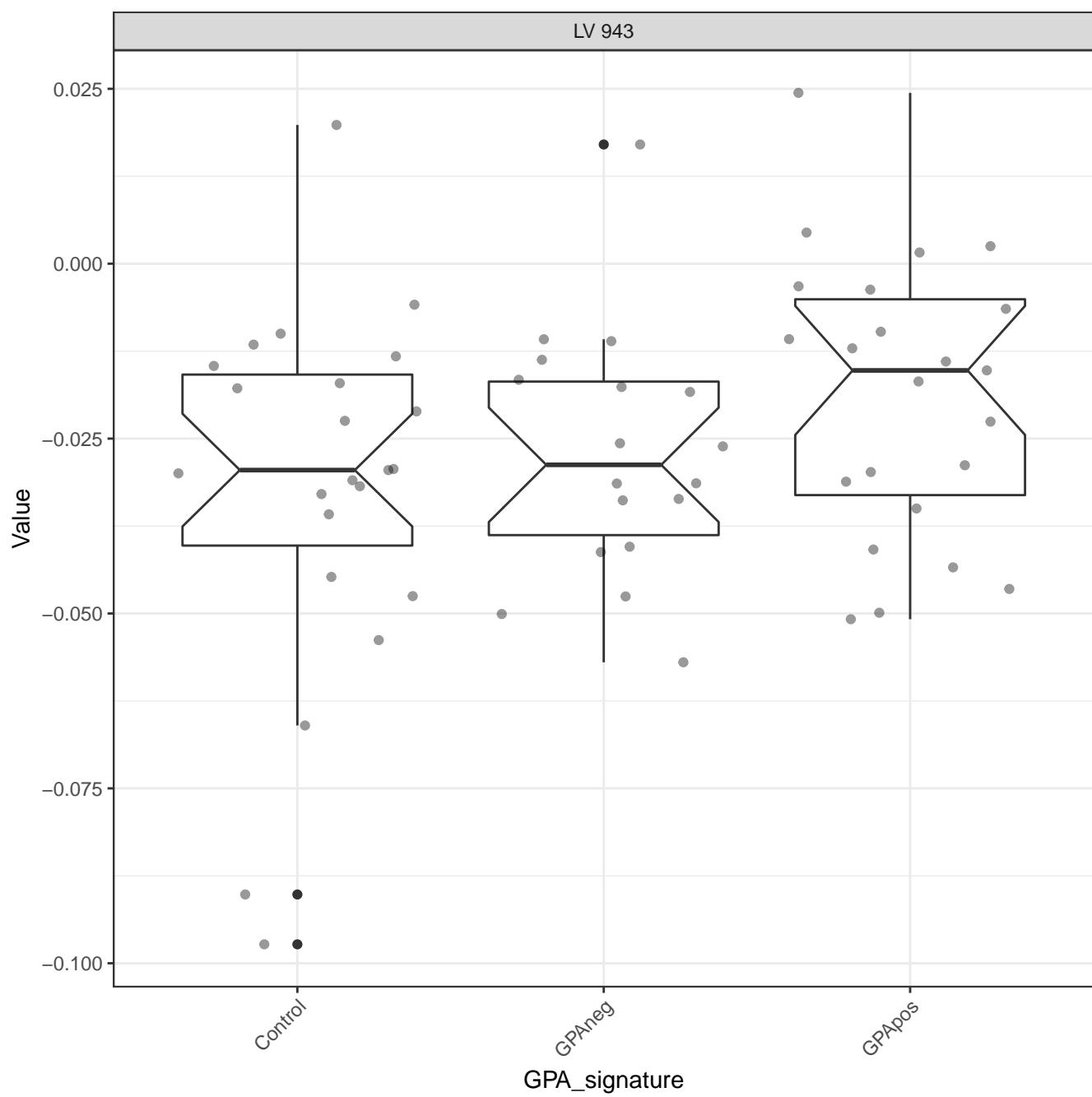


942,SVM T cells CD4 memory activated

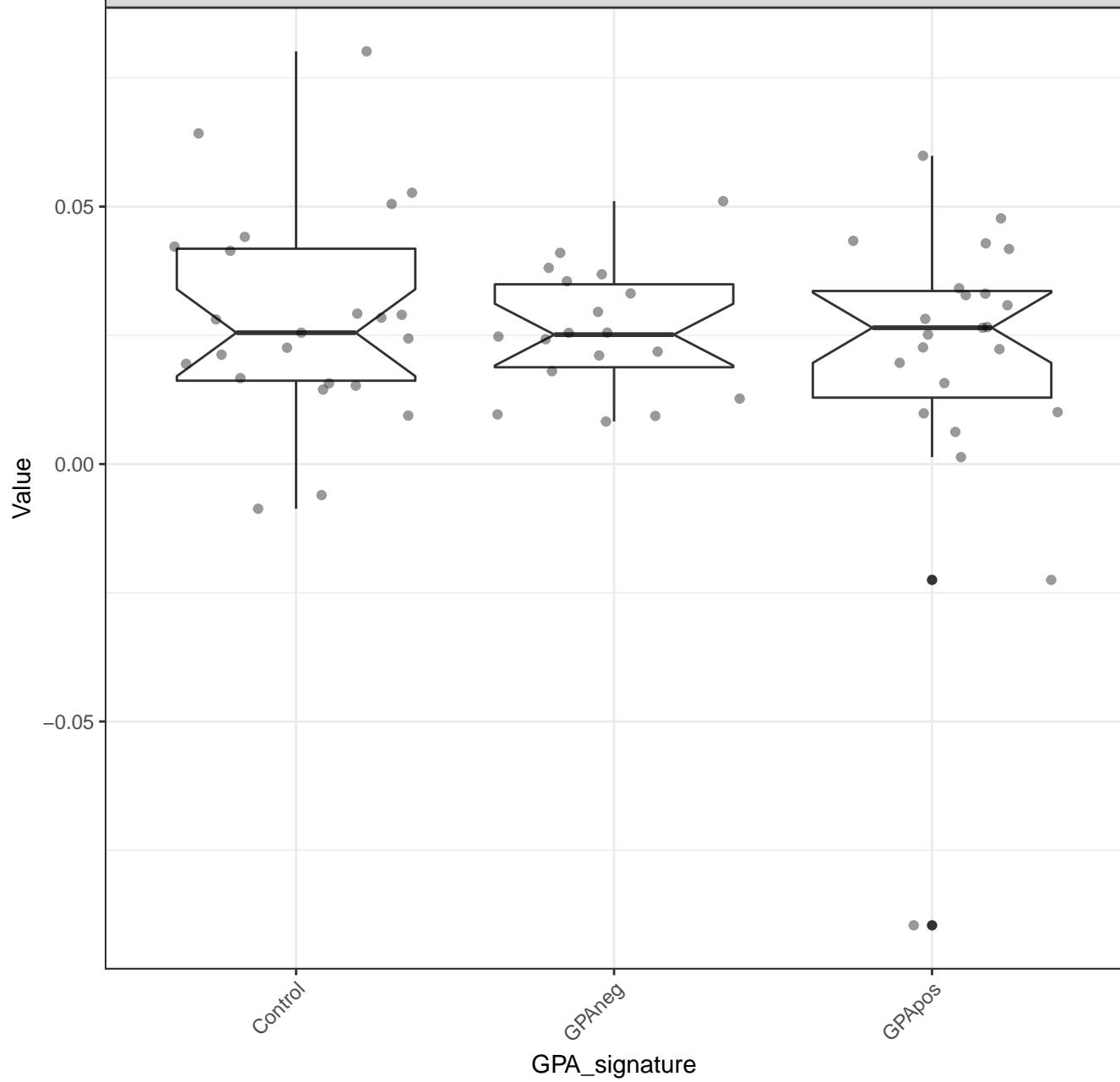
Value



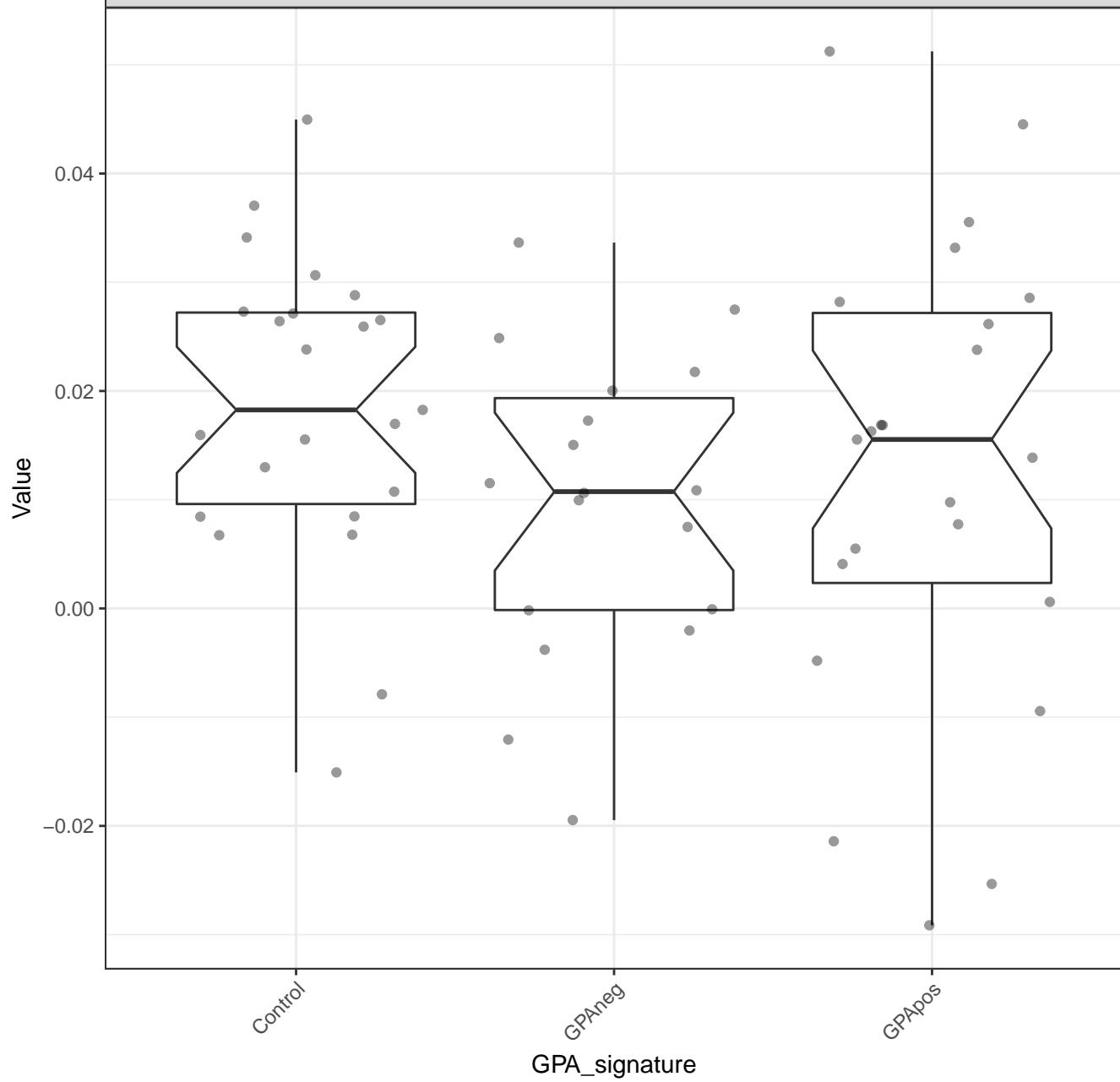
LV 943



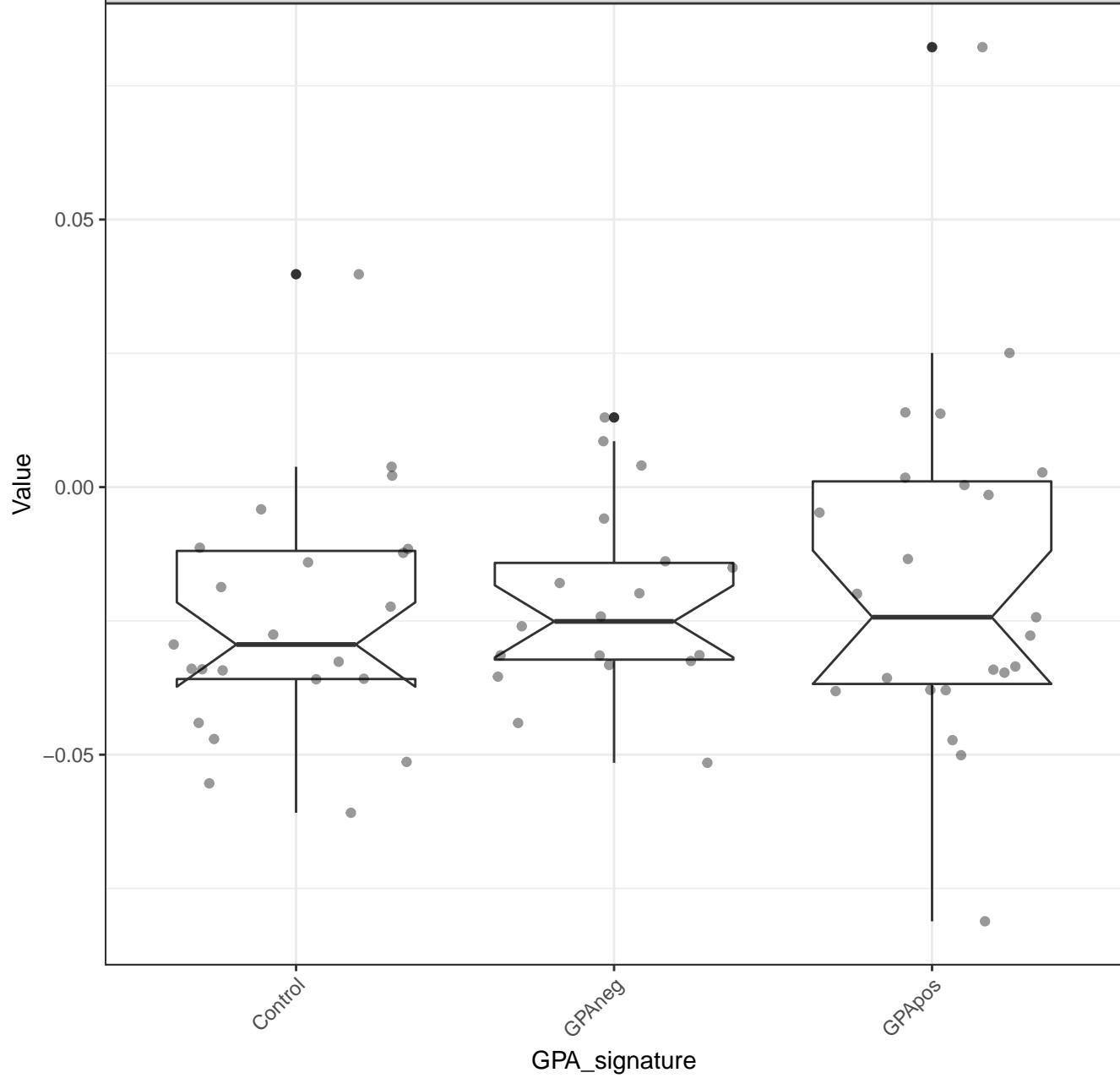
LV 944



LV 945



LV 946



LV 947

Value

0.05

0.00

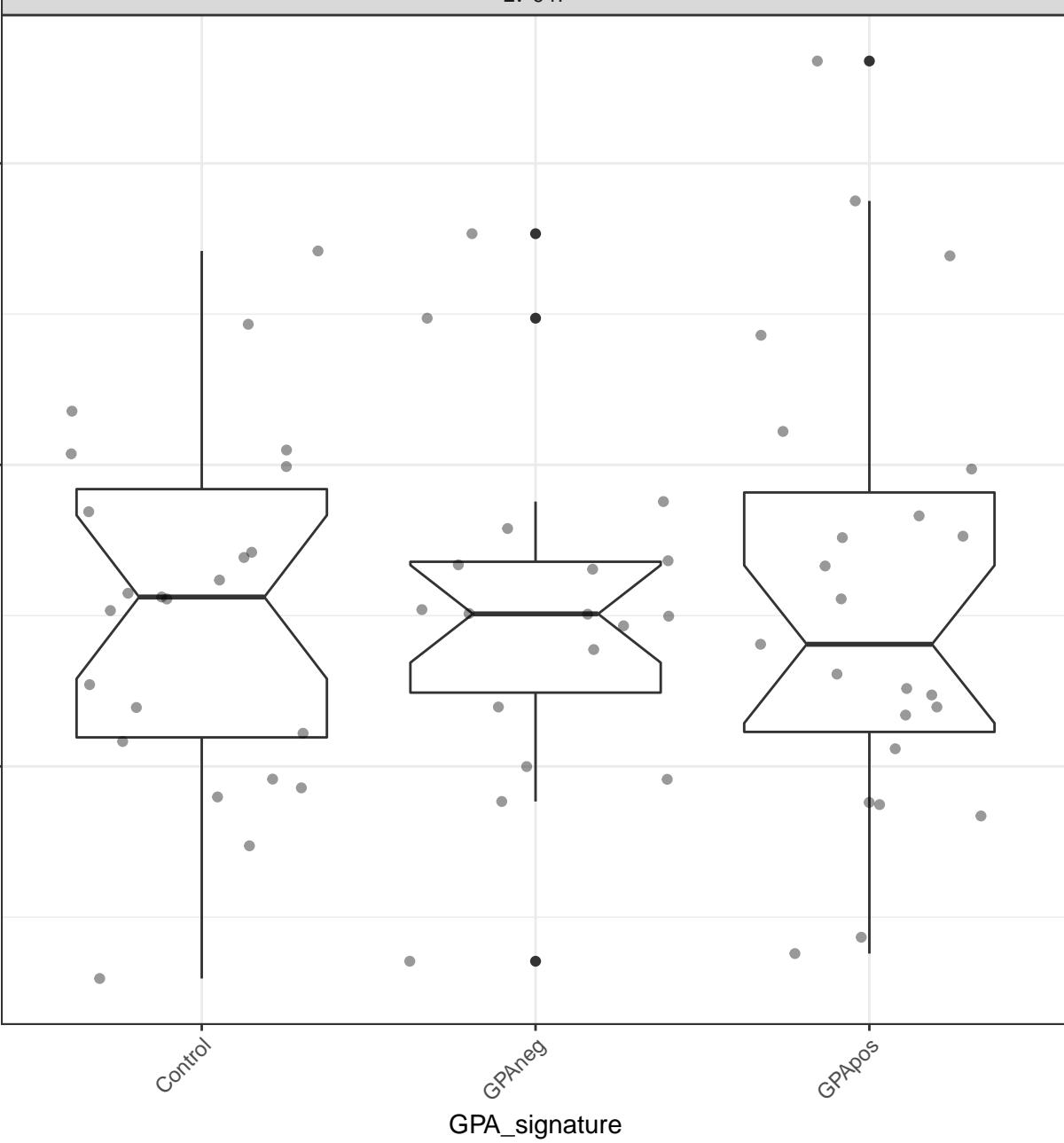
-0.05

Control

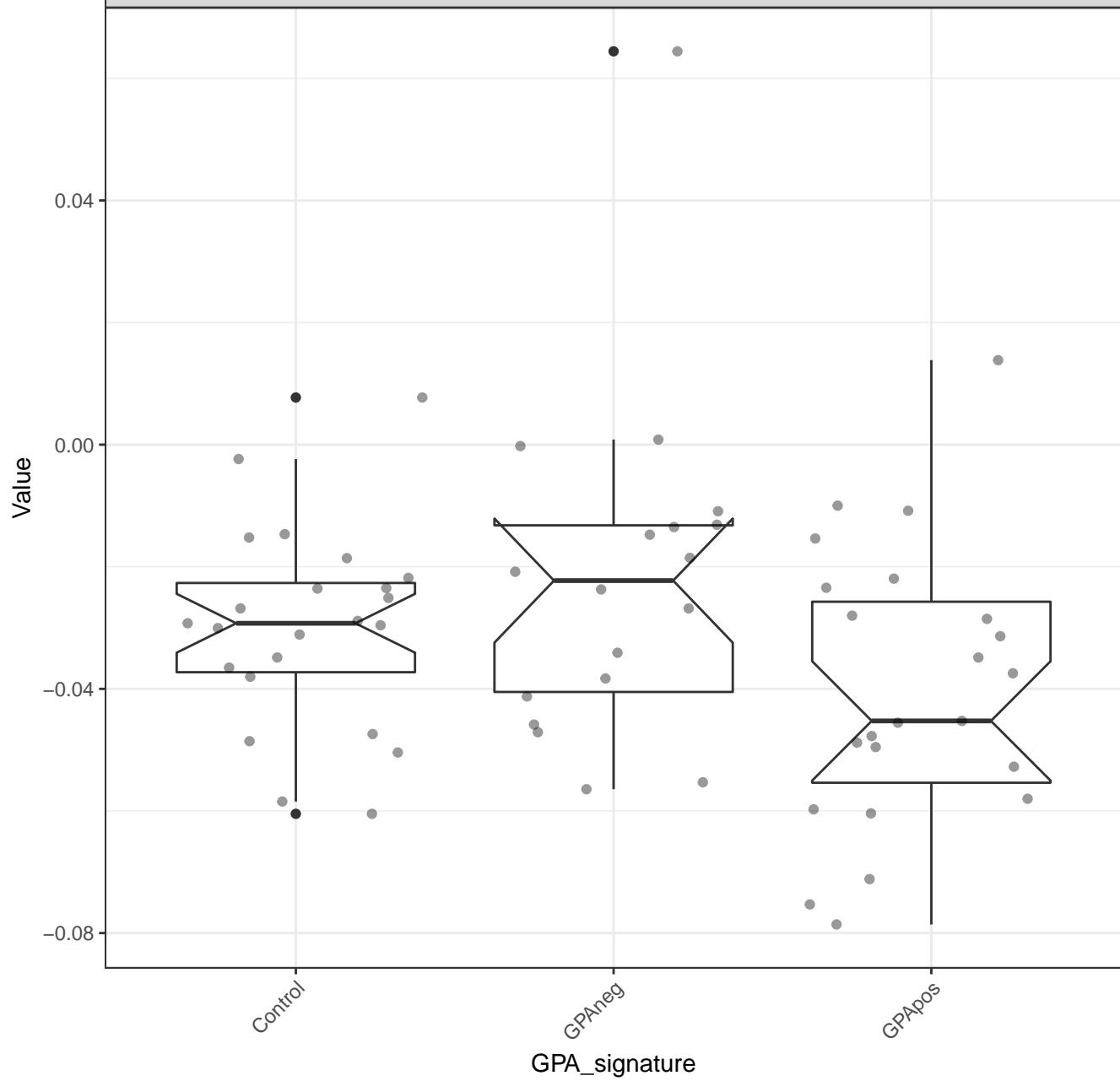
GPAneg

GPAPos

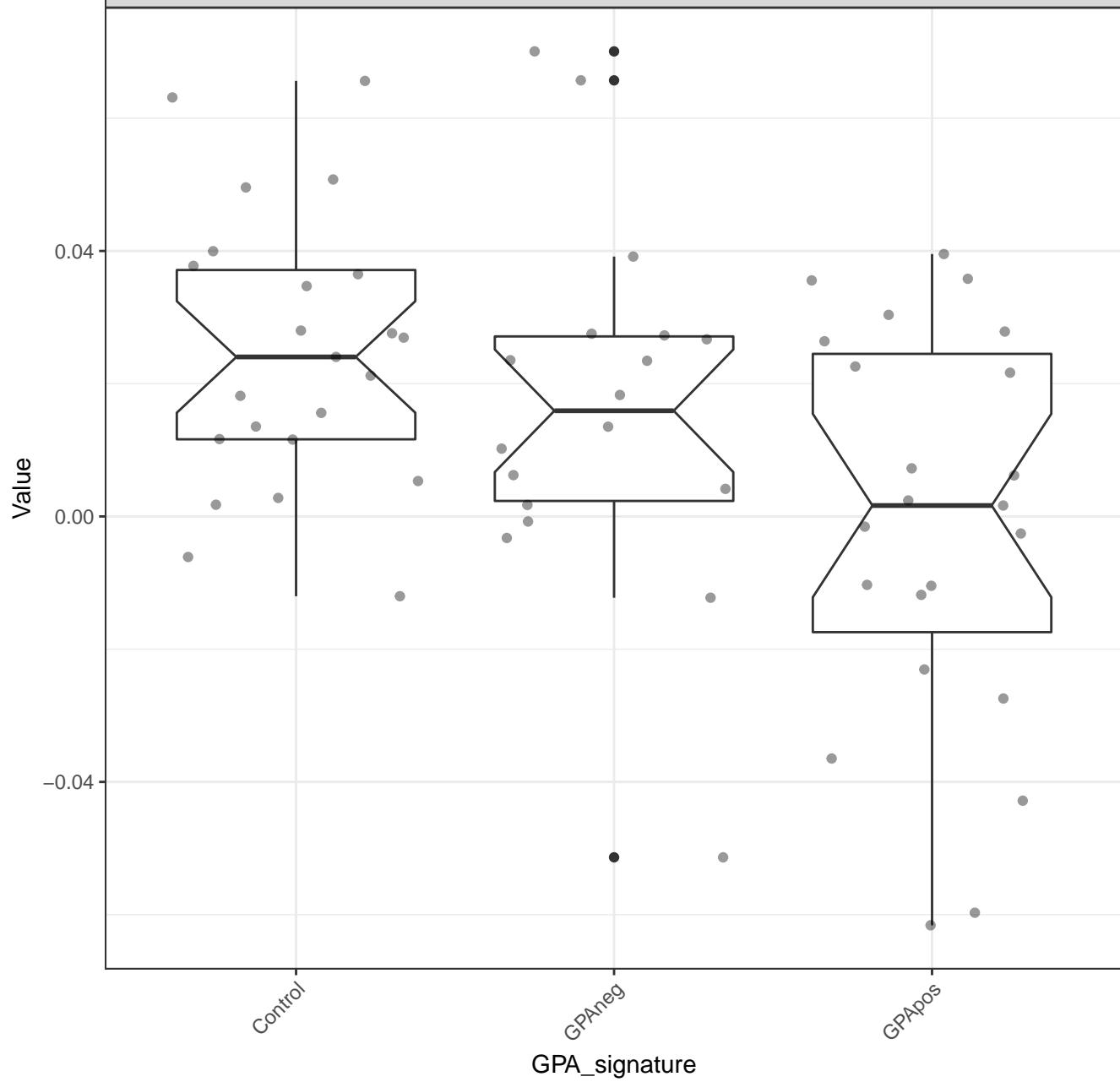
GPA_signature



LV 948



LV 949



LV 950

Value

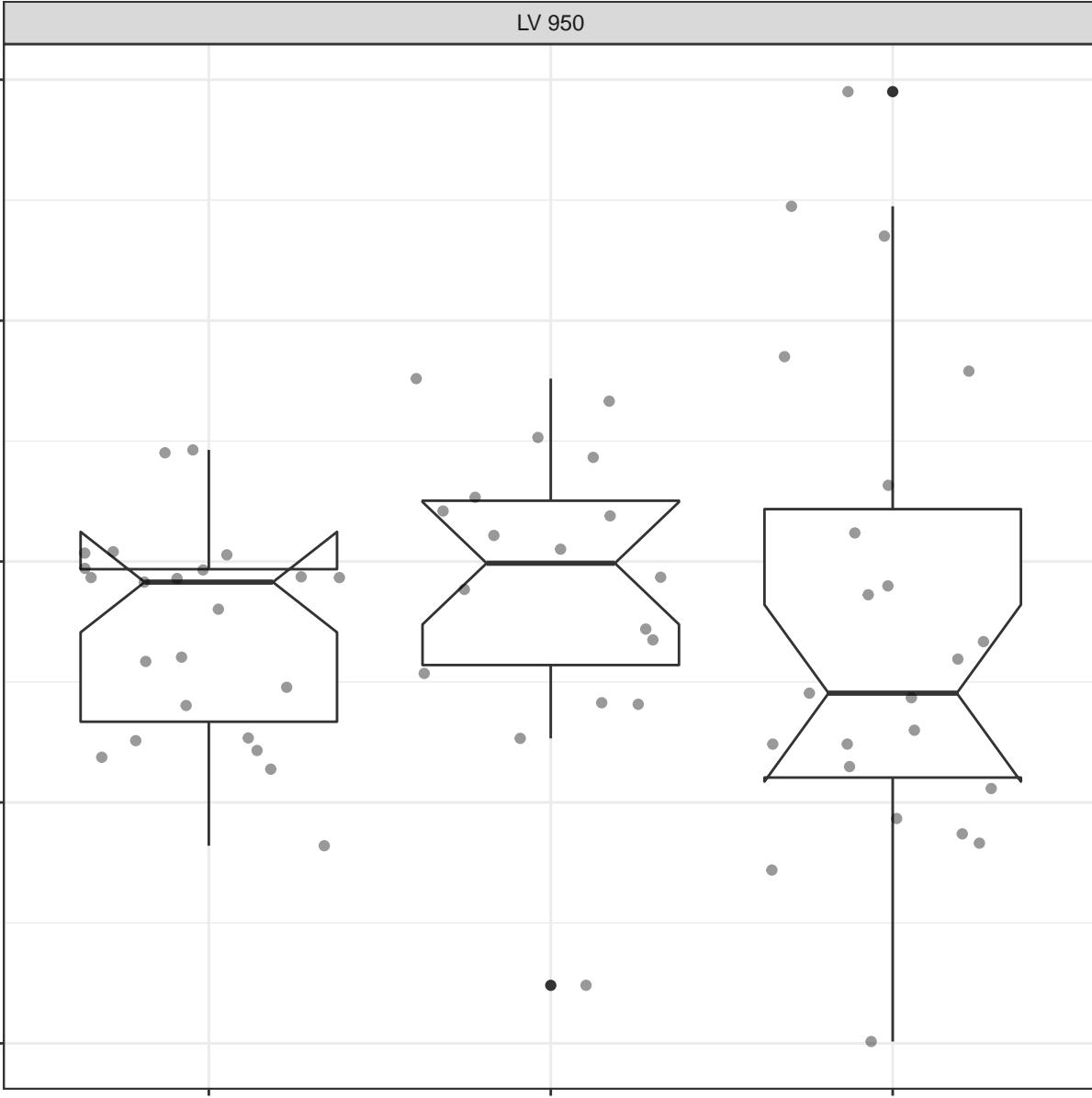
0.050
0.025
0.000
-0.025
-0.050

Control

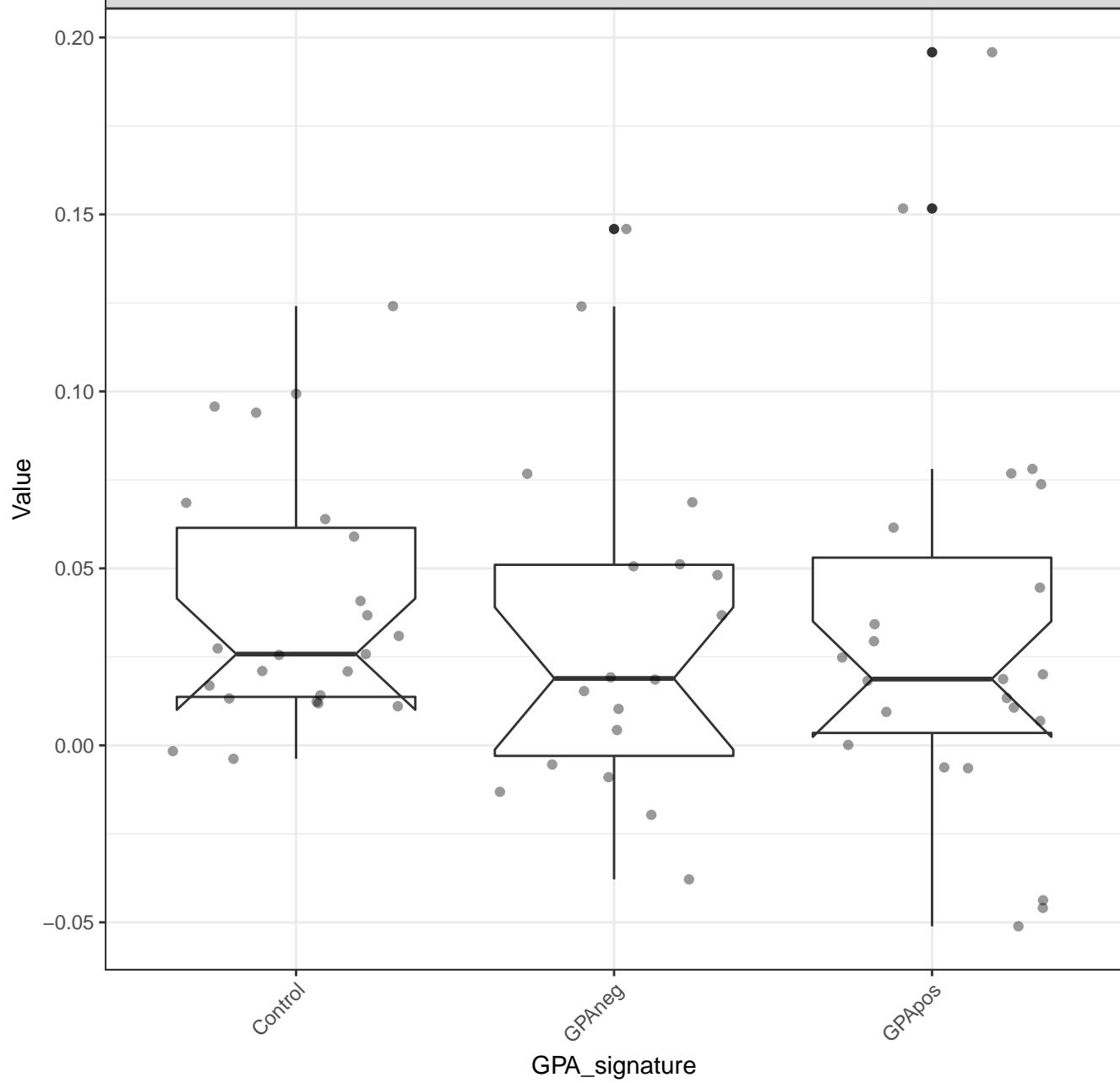
GPAneg

GPAPos

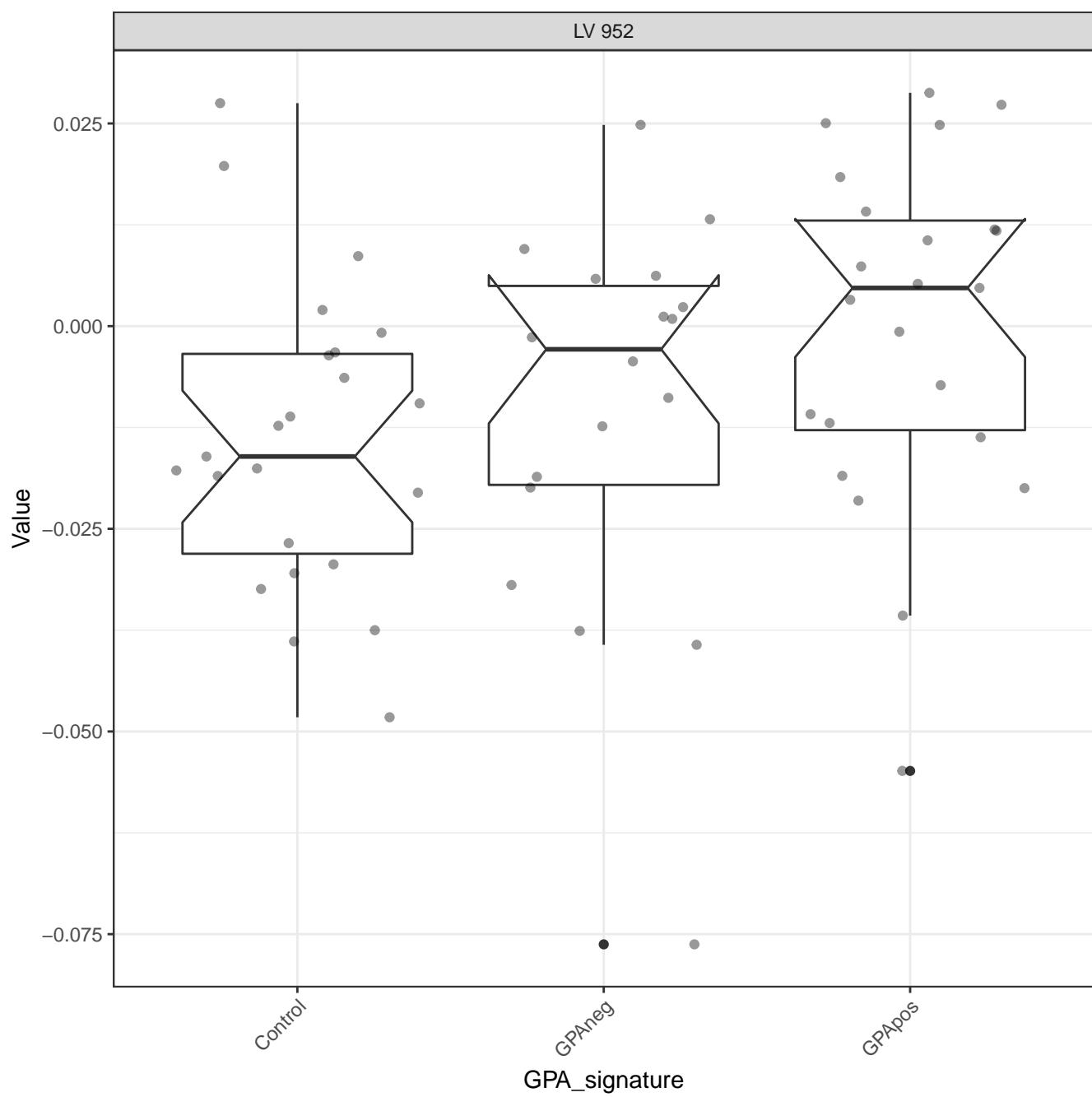
GPA_signature



951,SVM Plasma cells



LV 952



953,IRIS_Monocyte–Day1

Value

0.05

0.00

-0.05

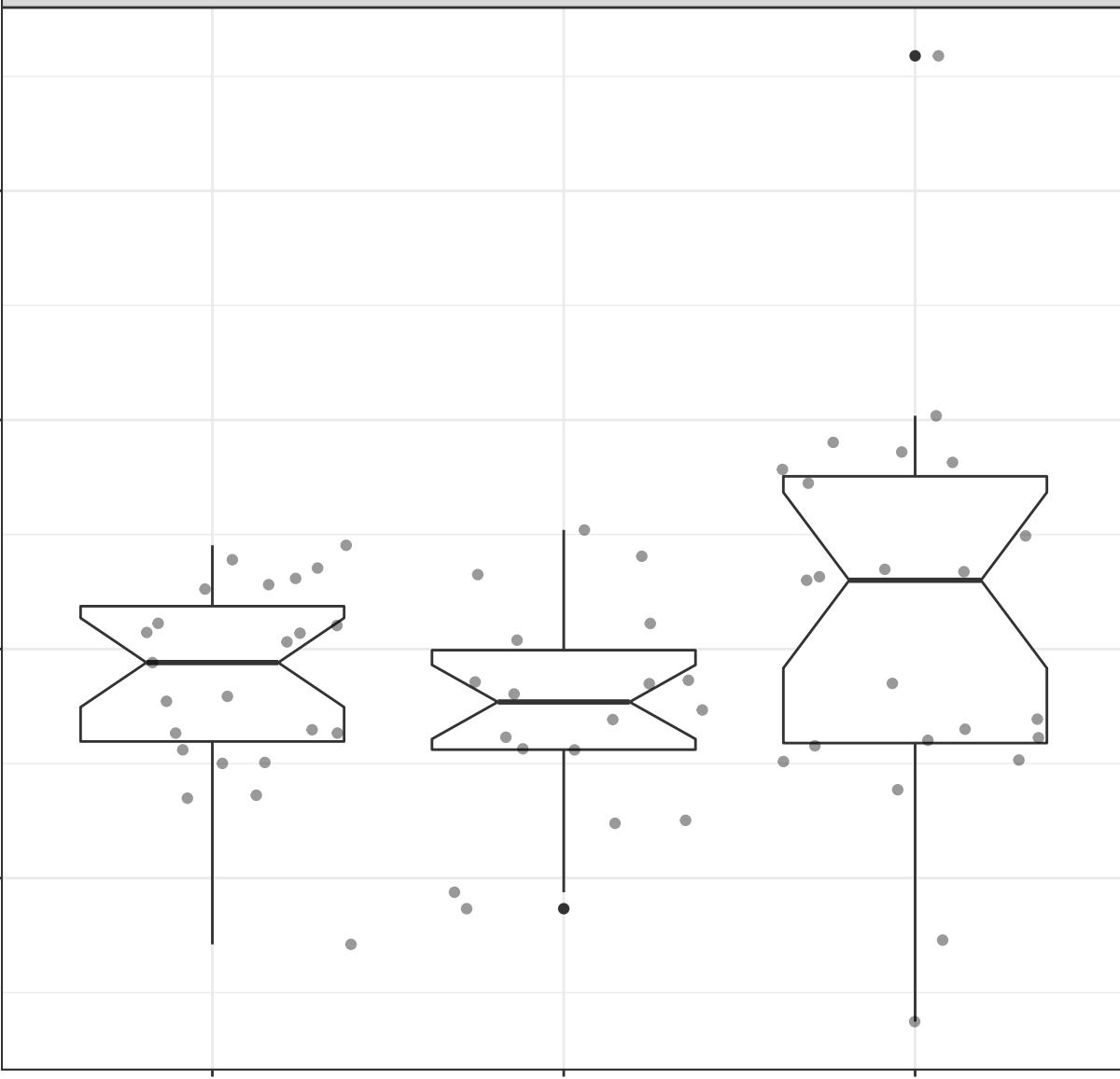
-0.10

Control

GPAneg

GPAPos

GPA_signature



Value

0.2

0.1

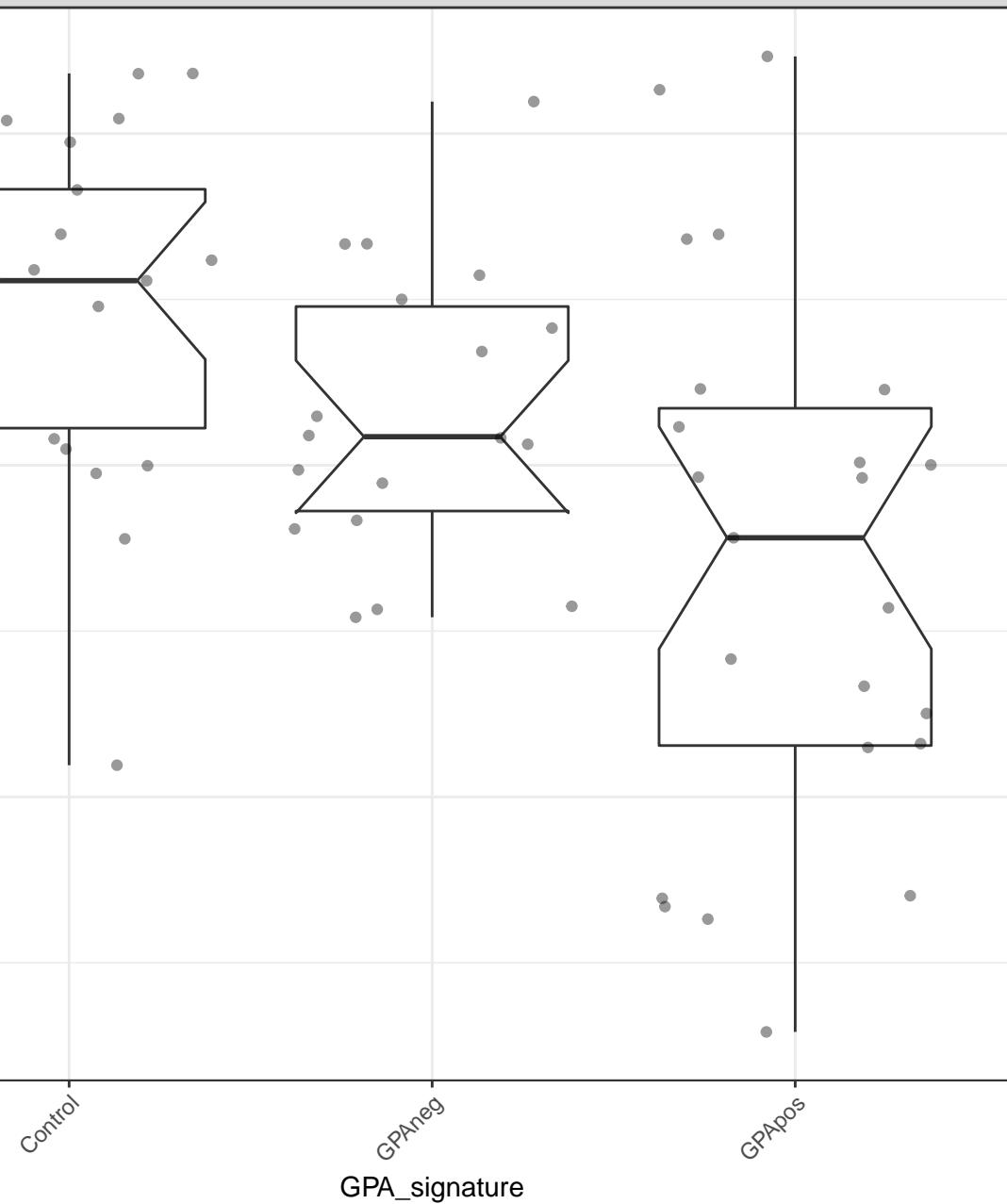
0.0

Control

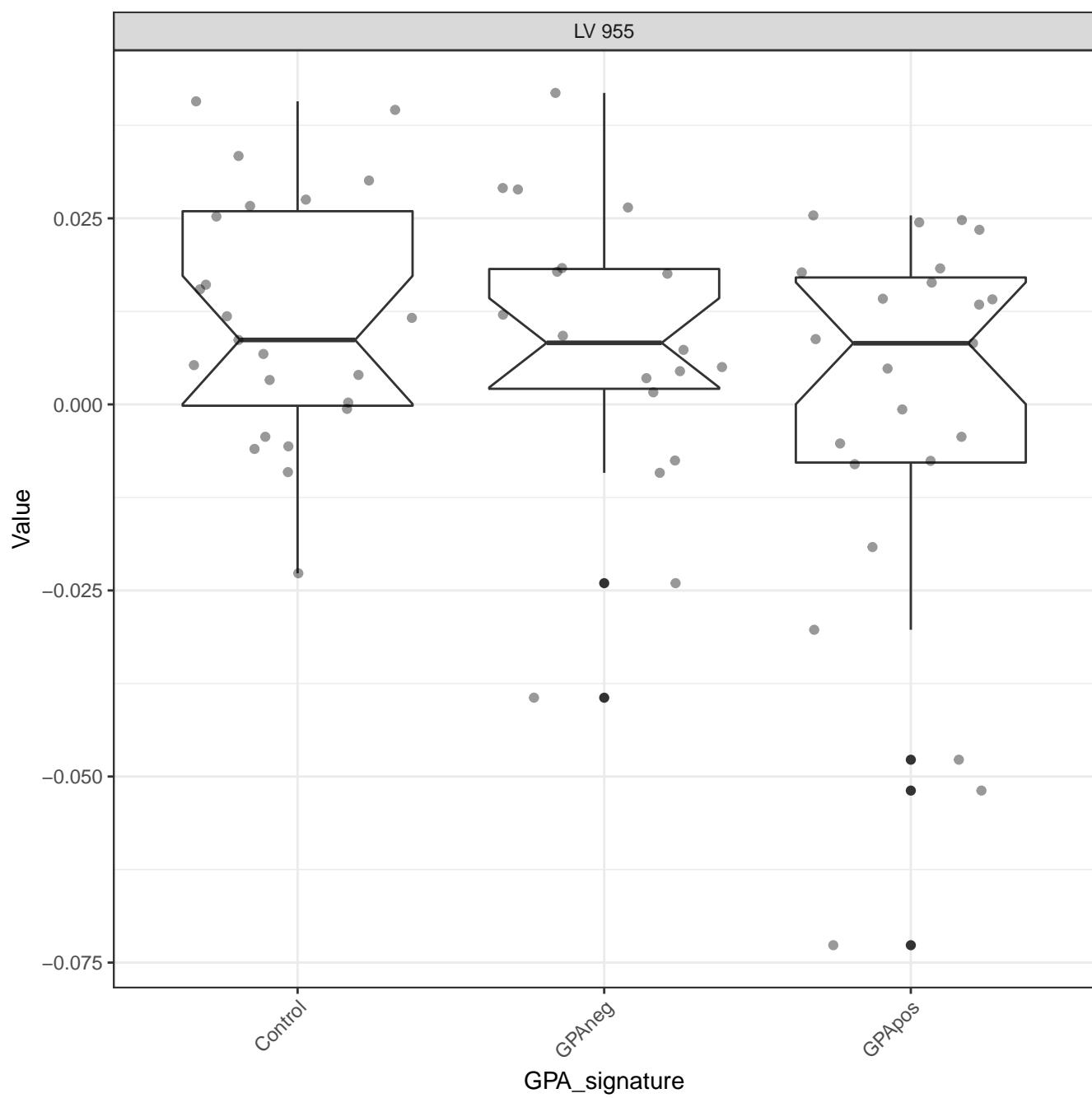
GPAneg

GPAPos

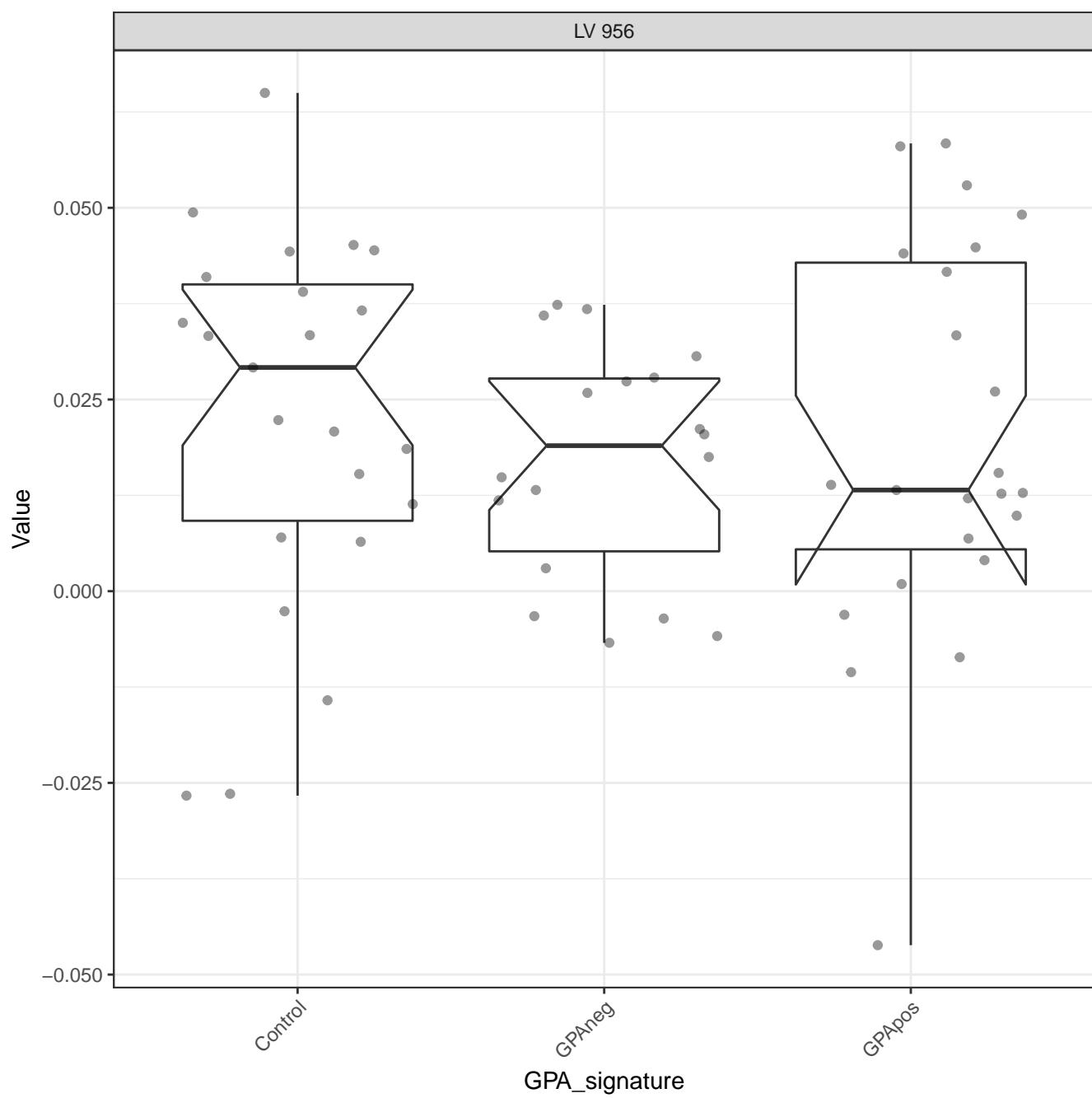
GPA_signature



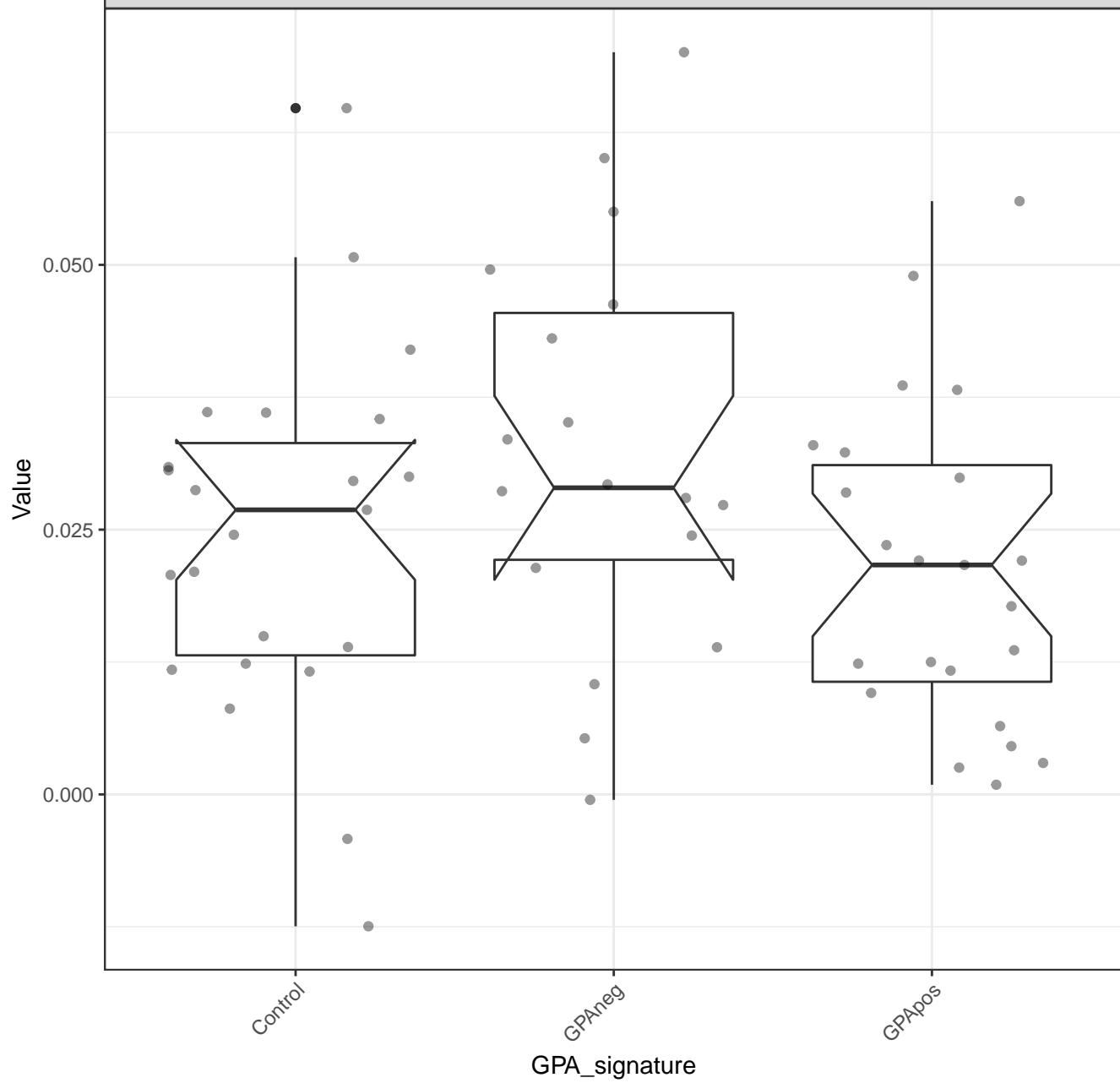
LV 955



LV 956



LV 957



LV 958

Value

0.00

-0.05

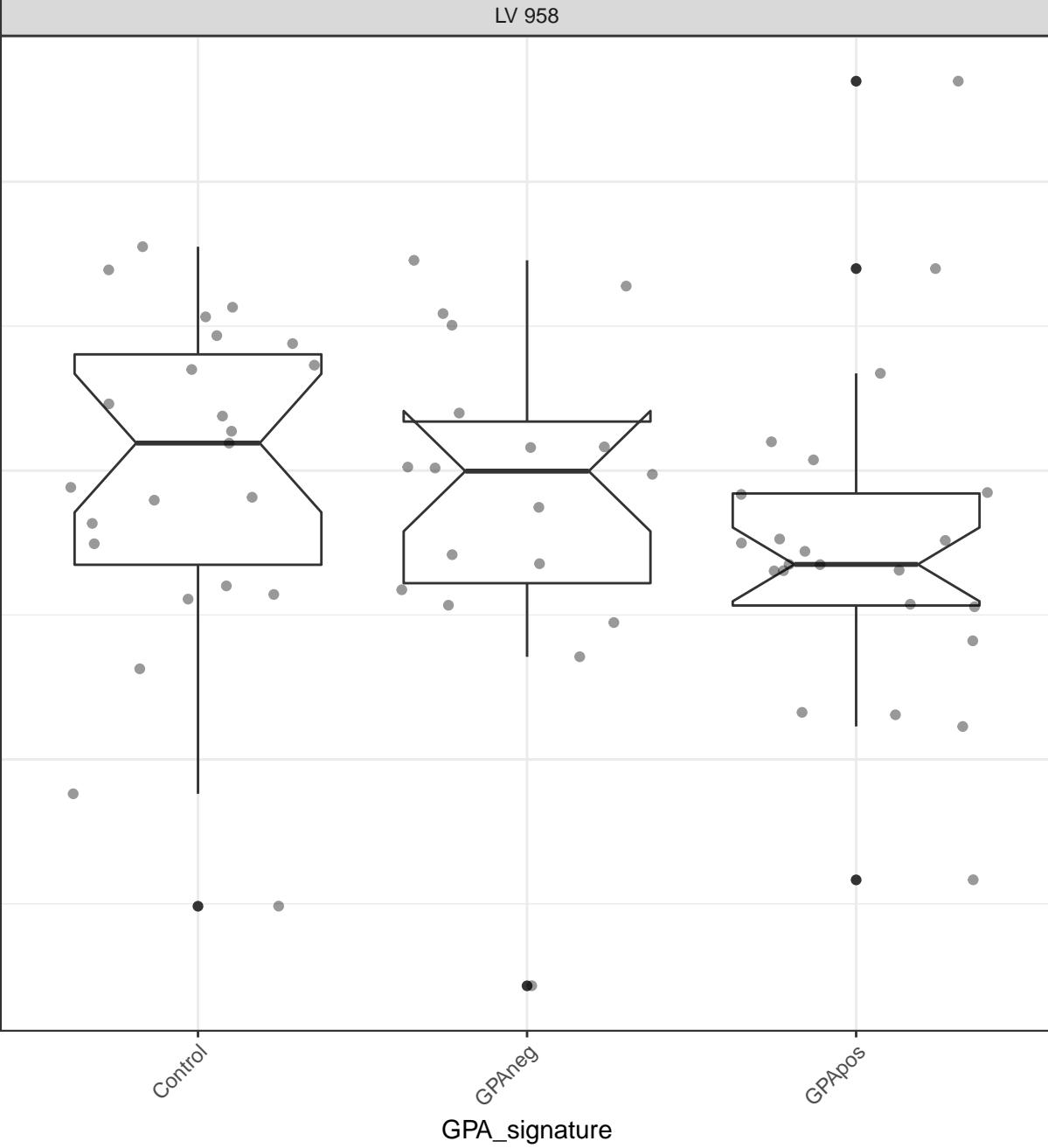
-0.10

Control

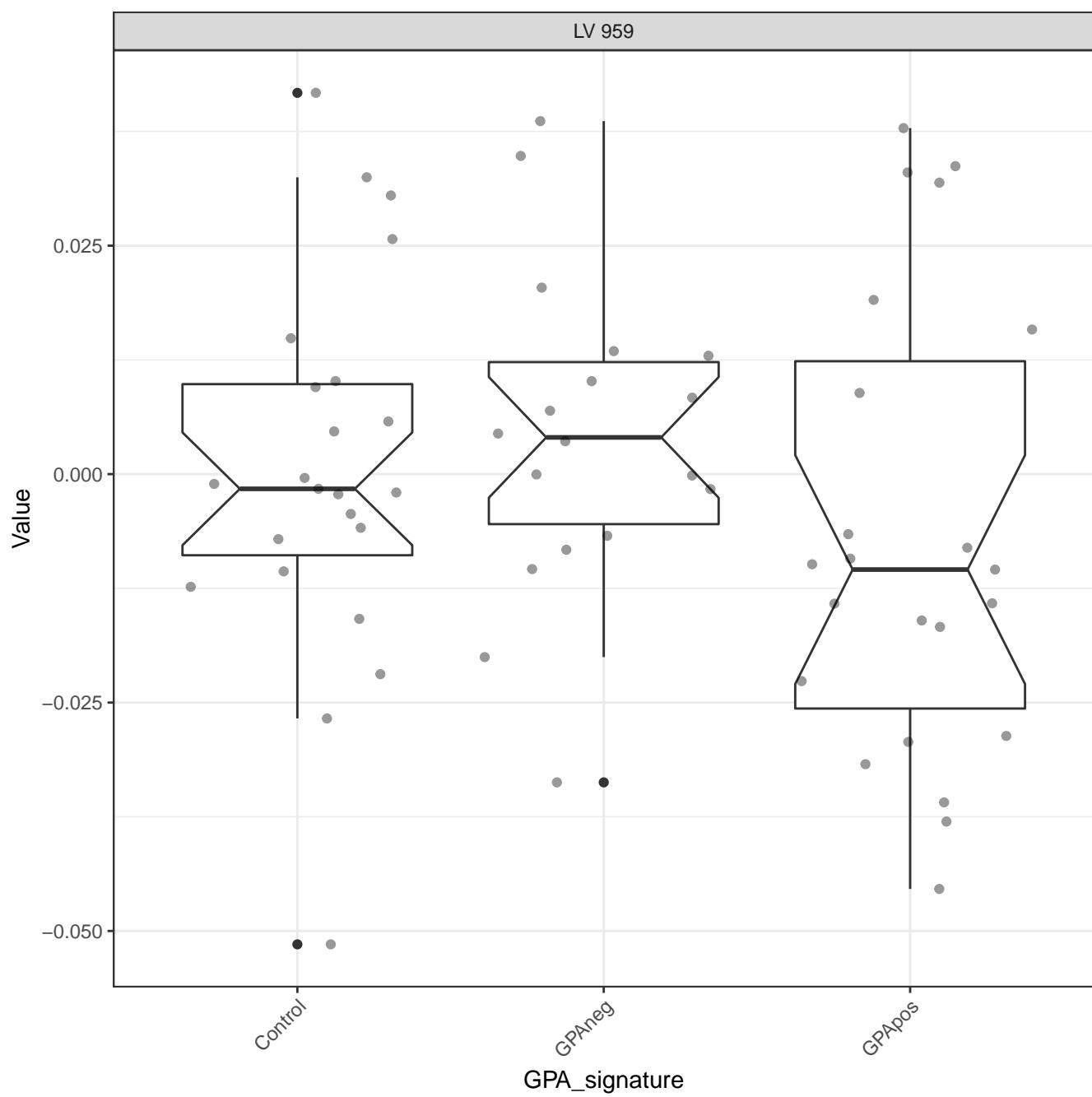
GPA_signature

GPAneg

GPApos



LV 959



Value

0.08

0.04

0.00

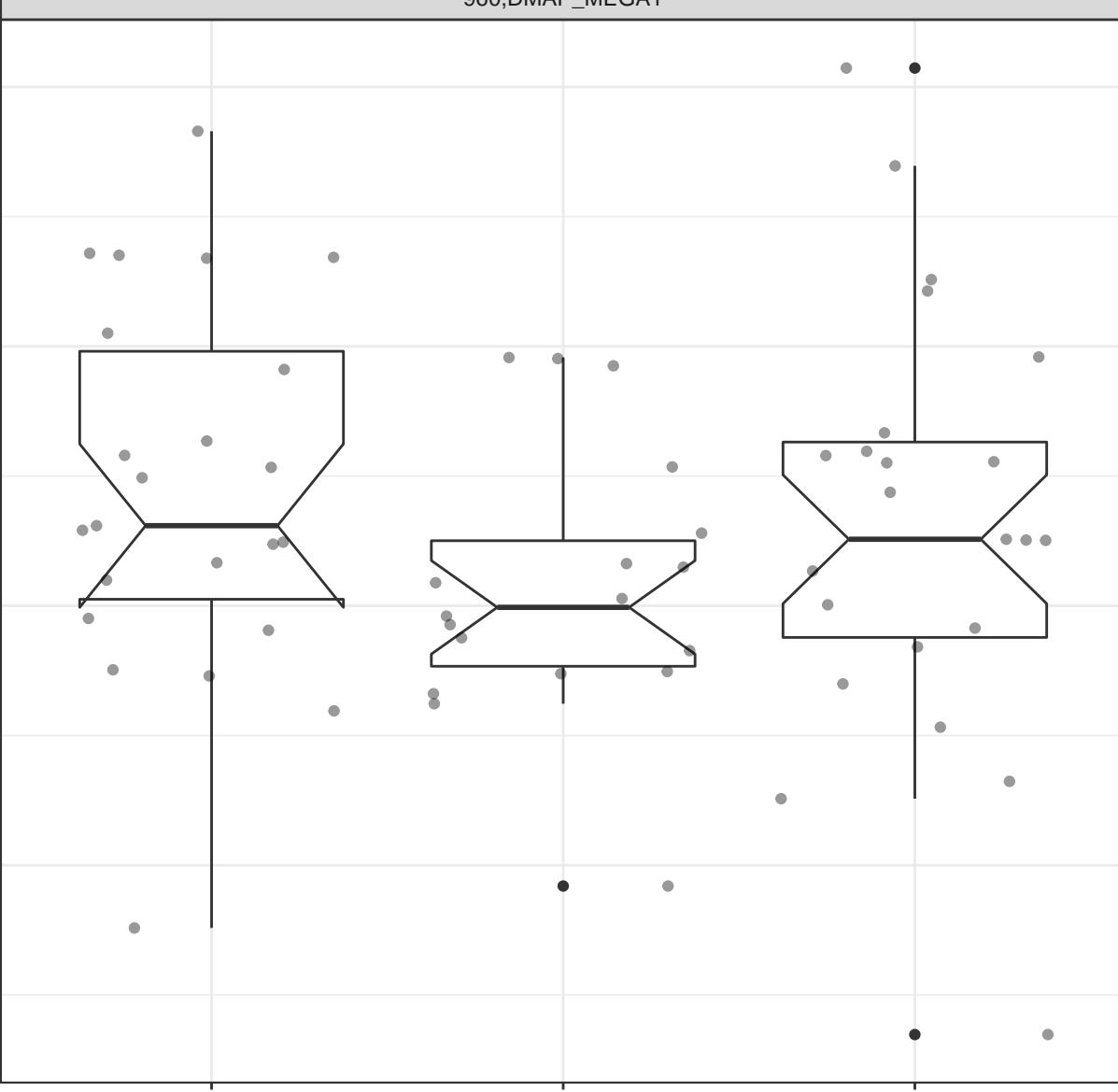
-0.04

Control

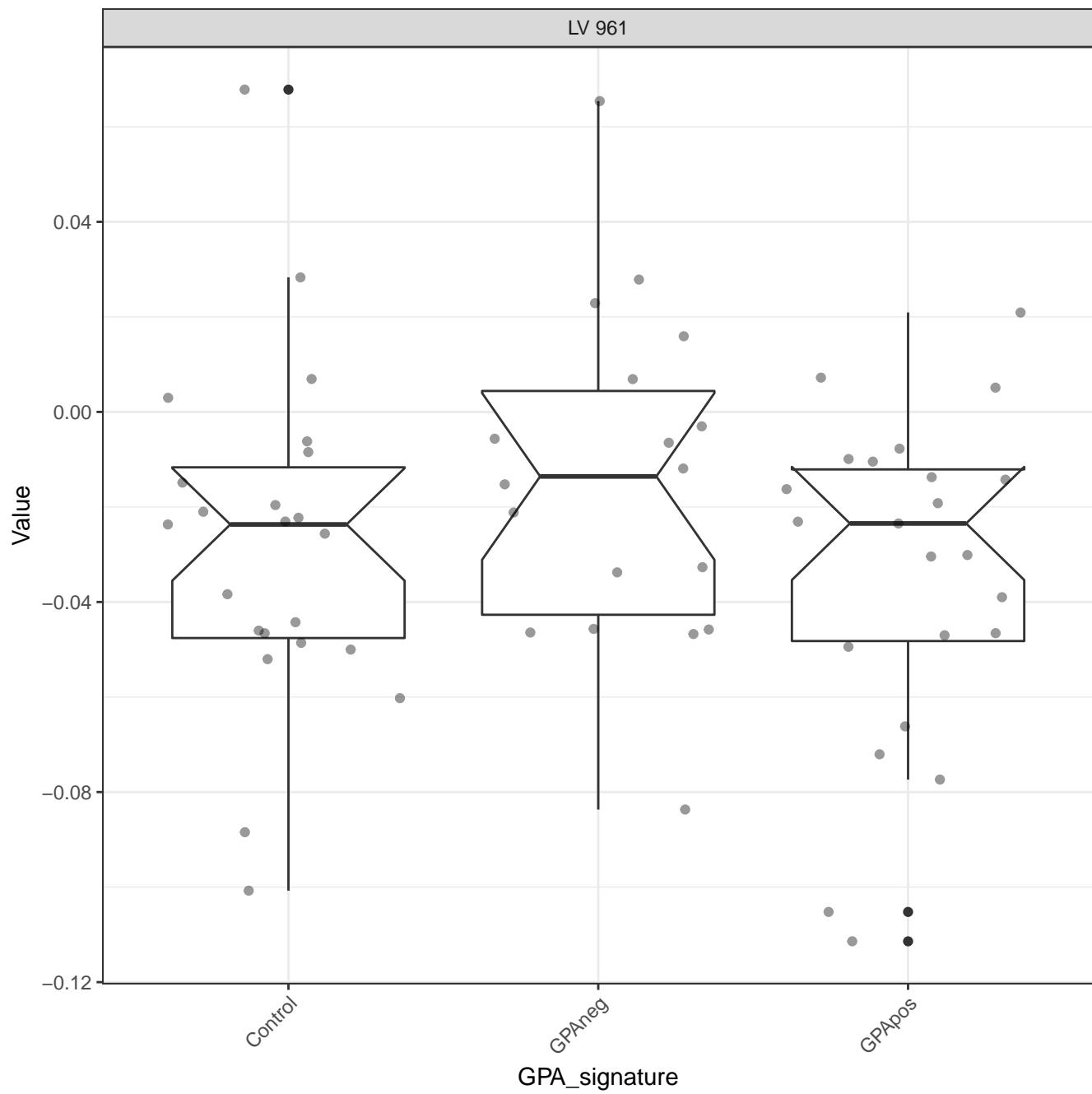
GPA_signature

GPAneg

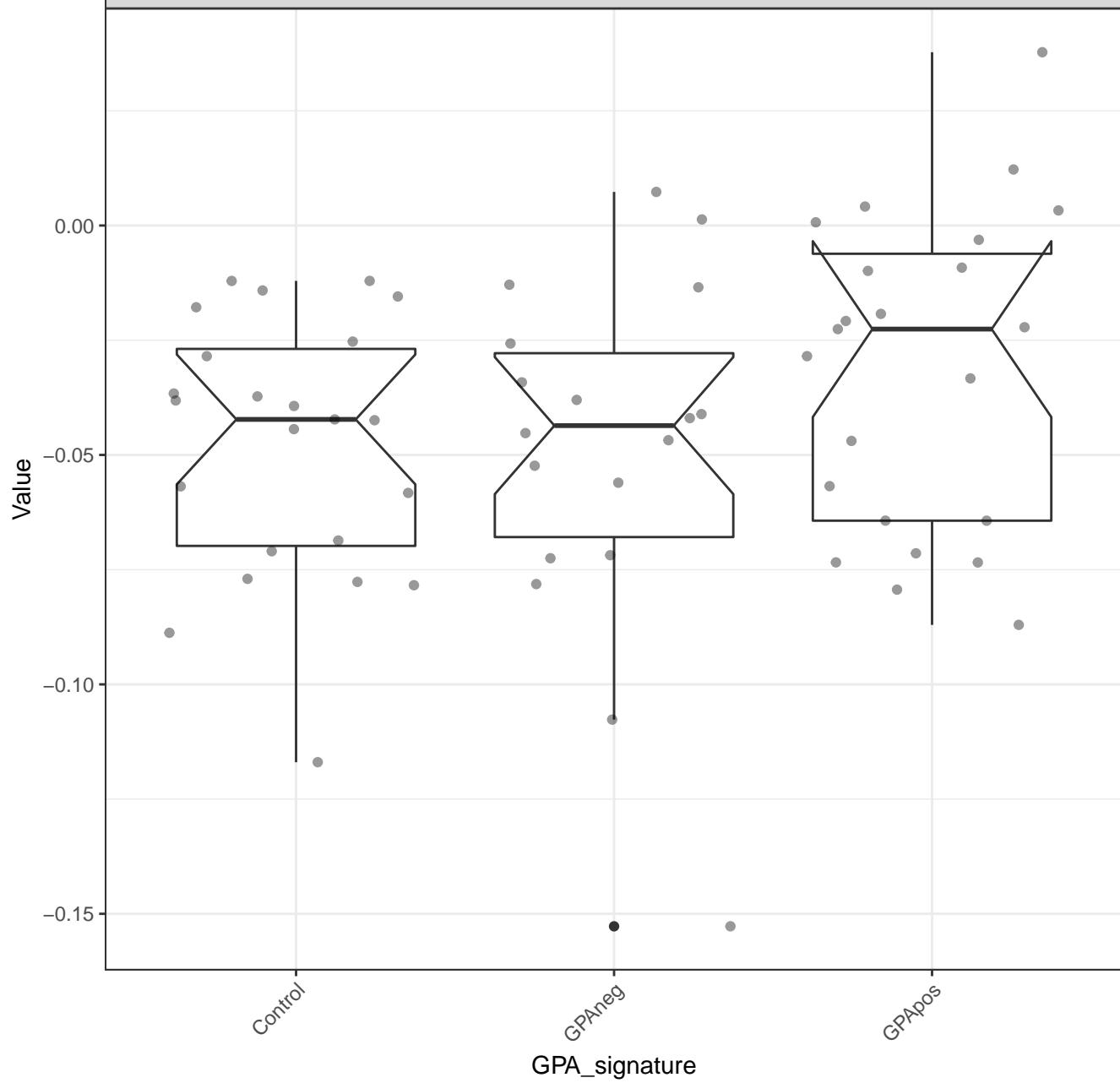
GPApos



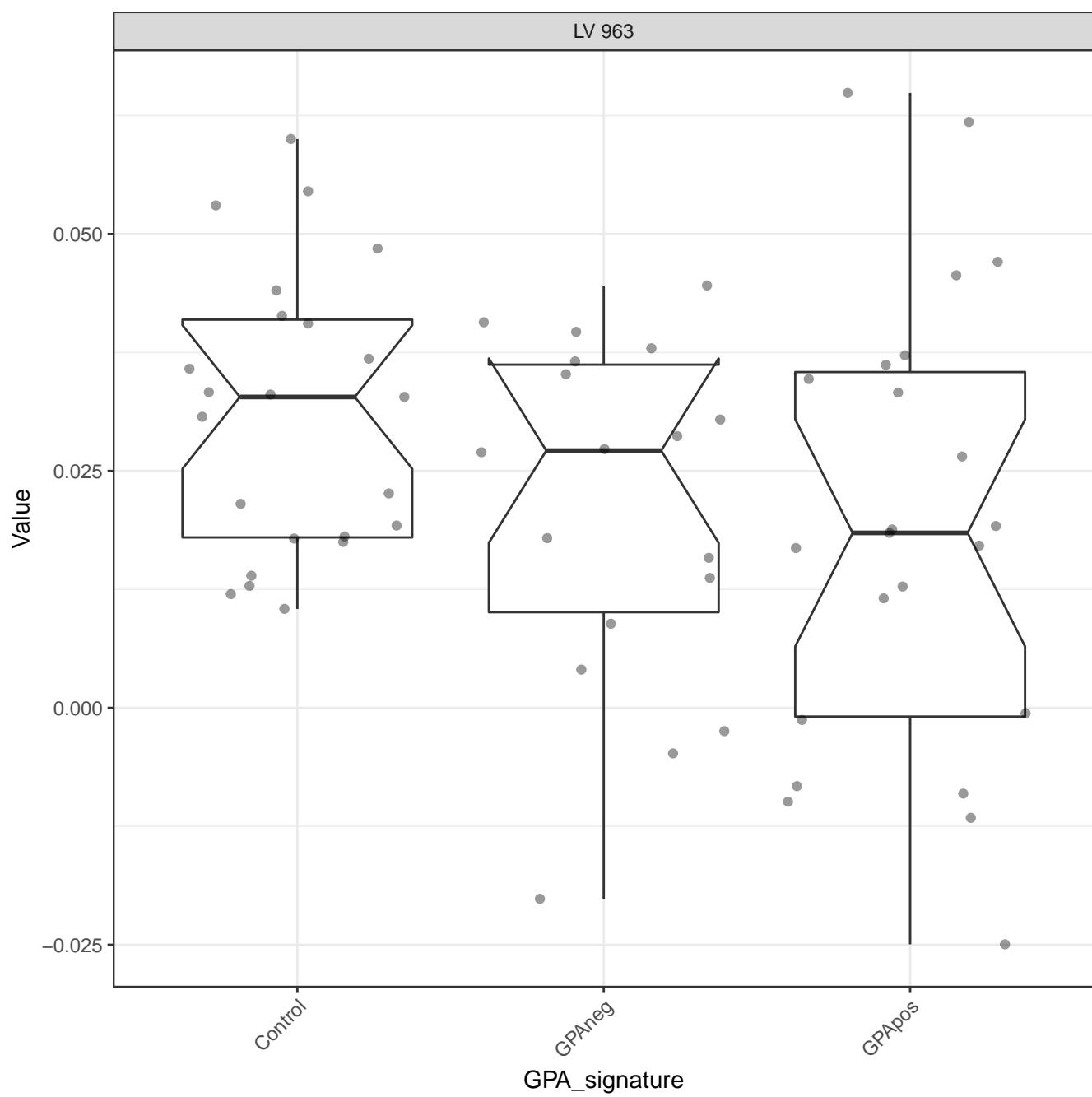
LV 961



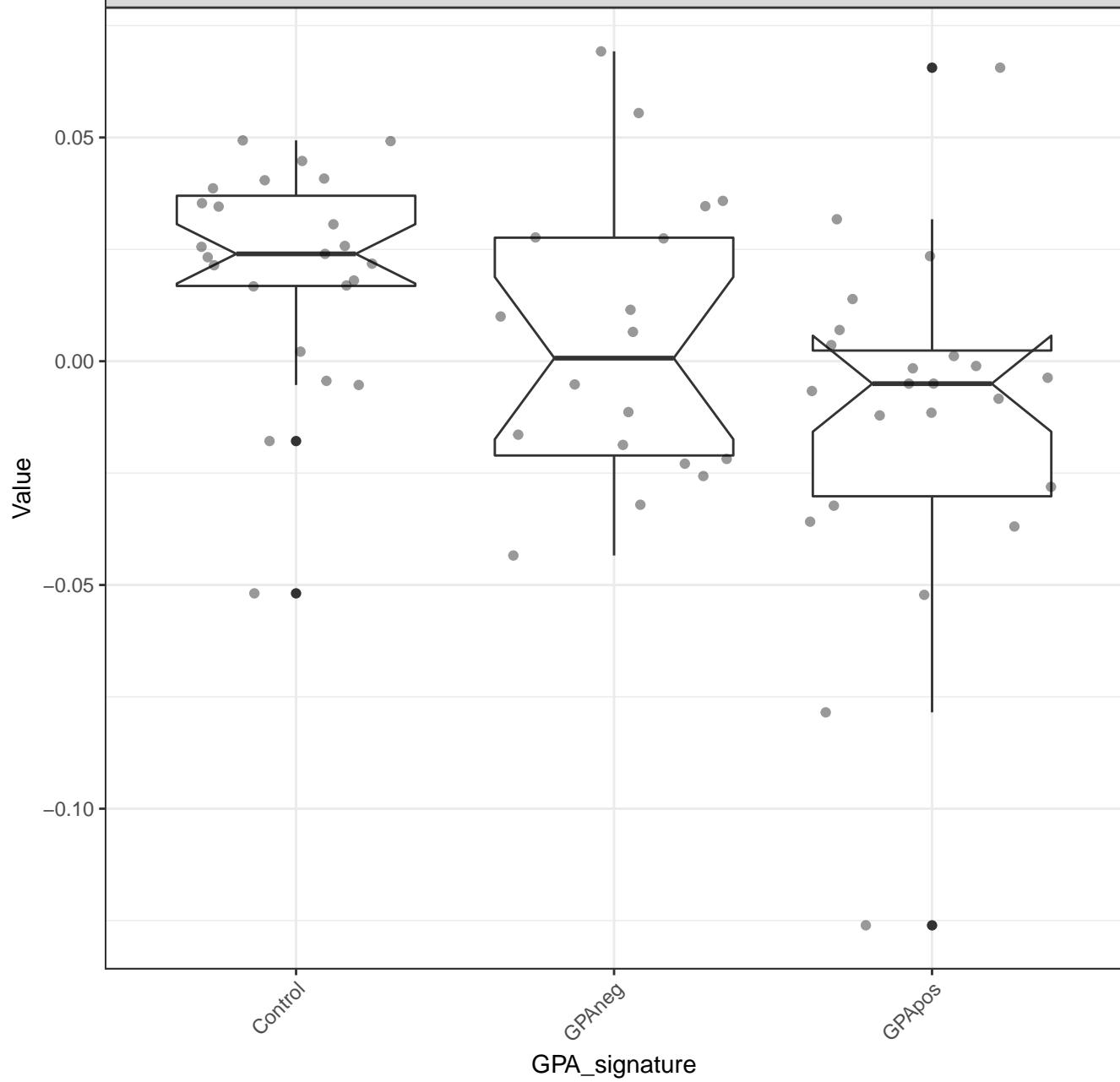
LV 962



LV 963



964,SVM T cells CD8



LV 965

Value

0.00

-0.04

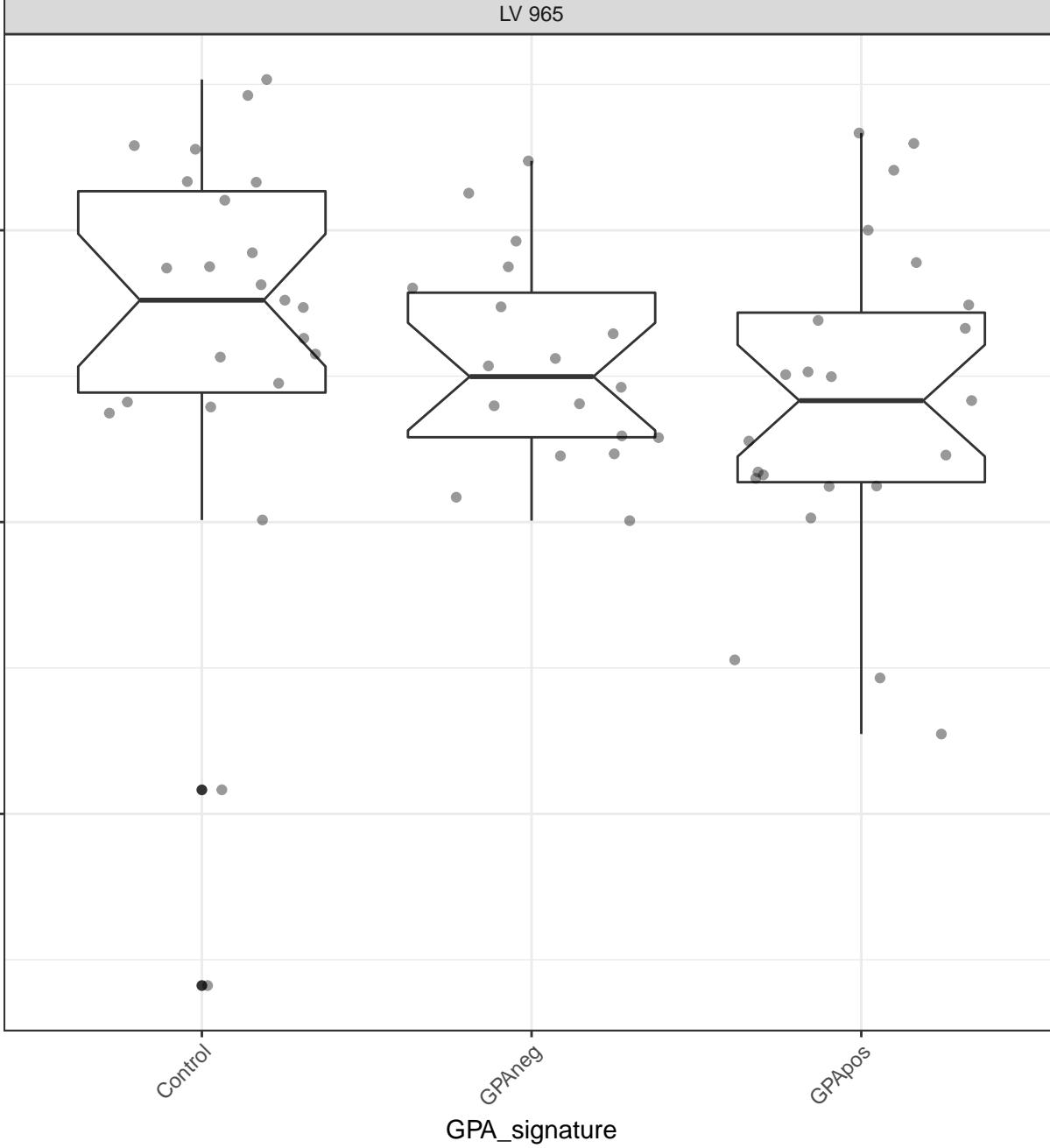
-0.08

Control

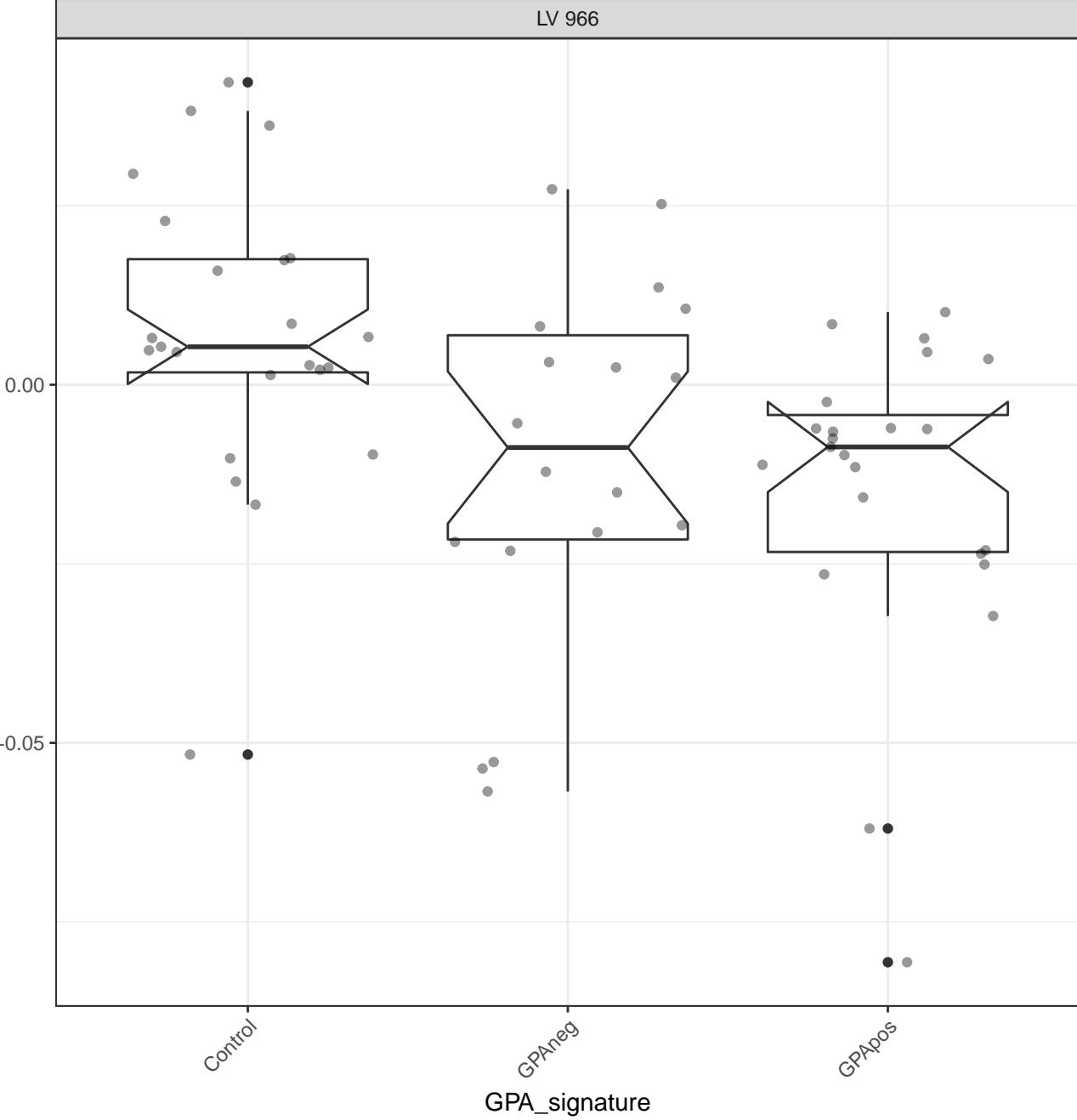
GPAneg

GPApos

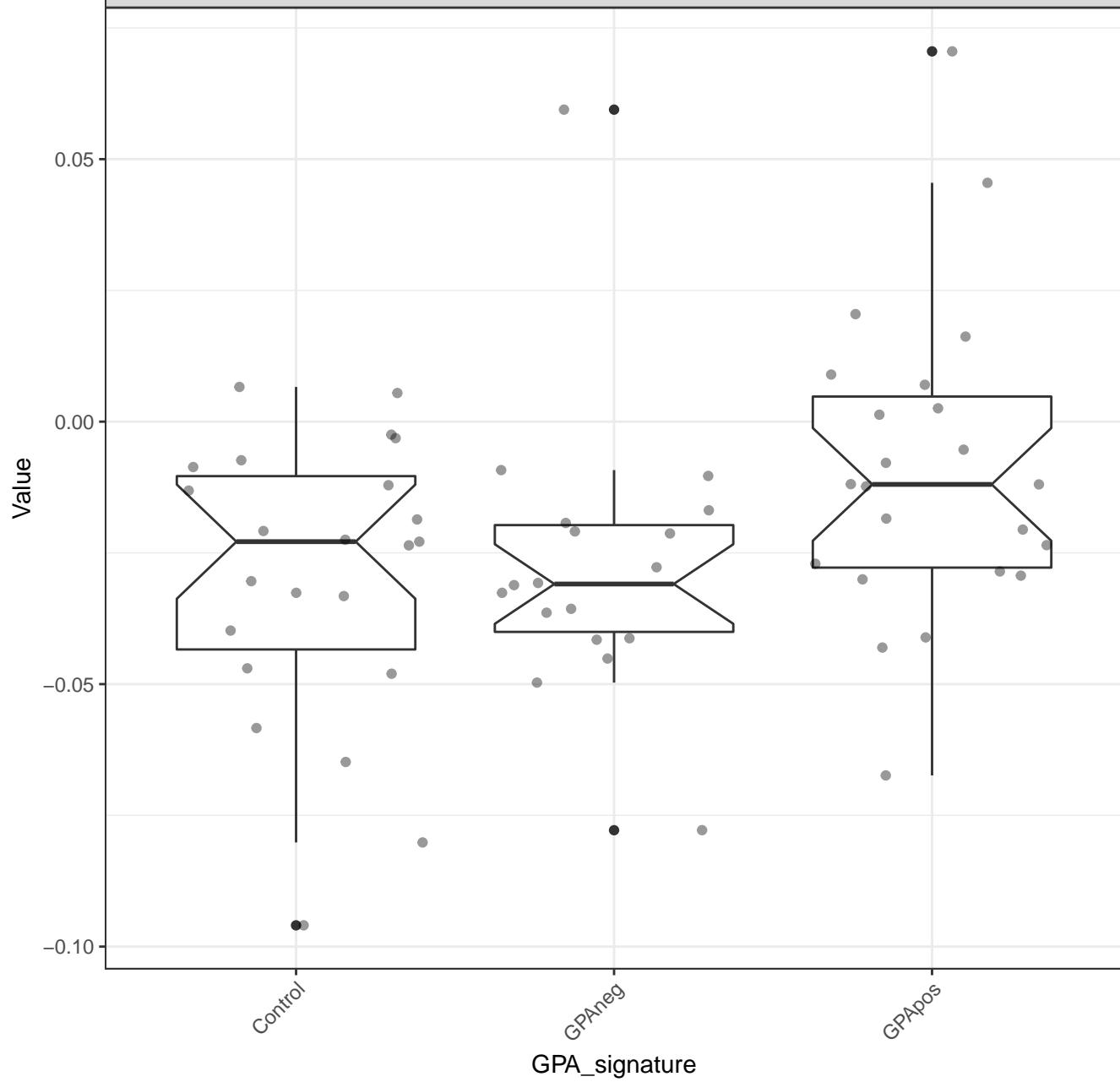
GPA_signature



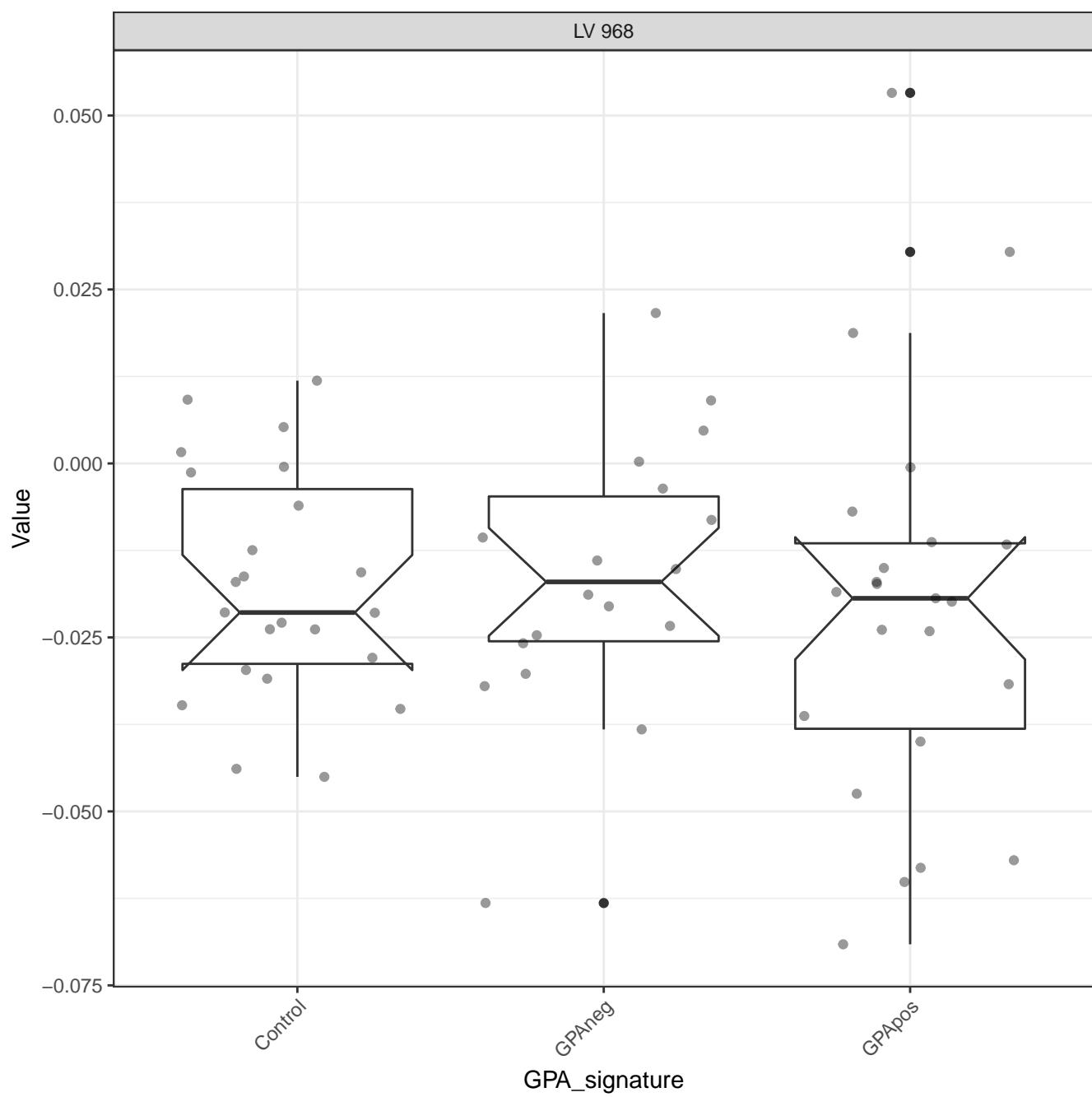
Value



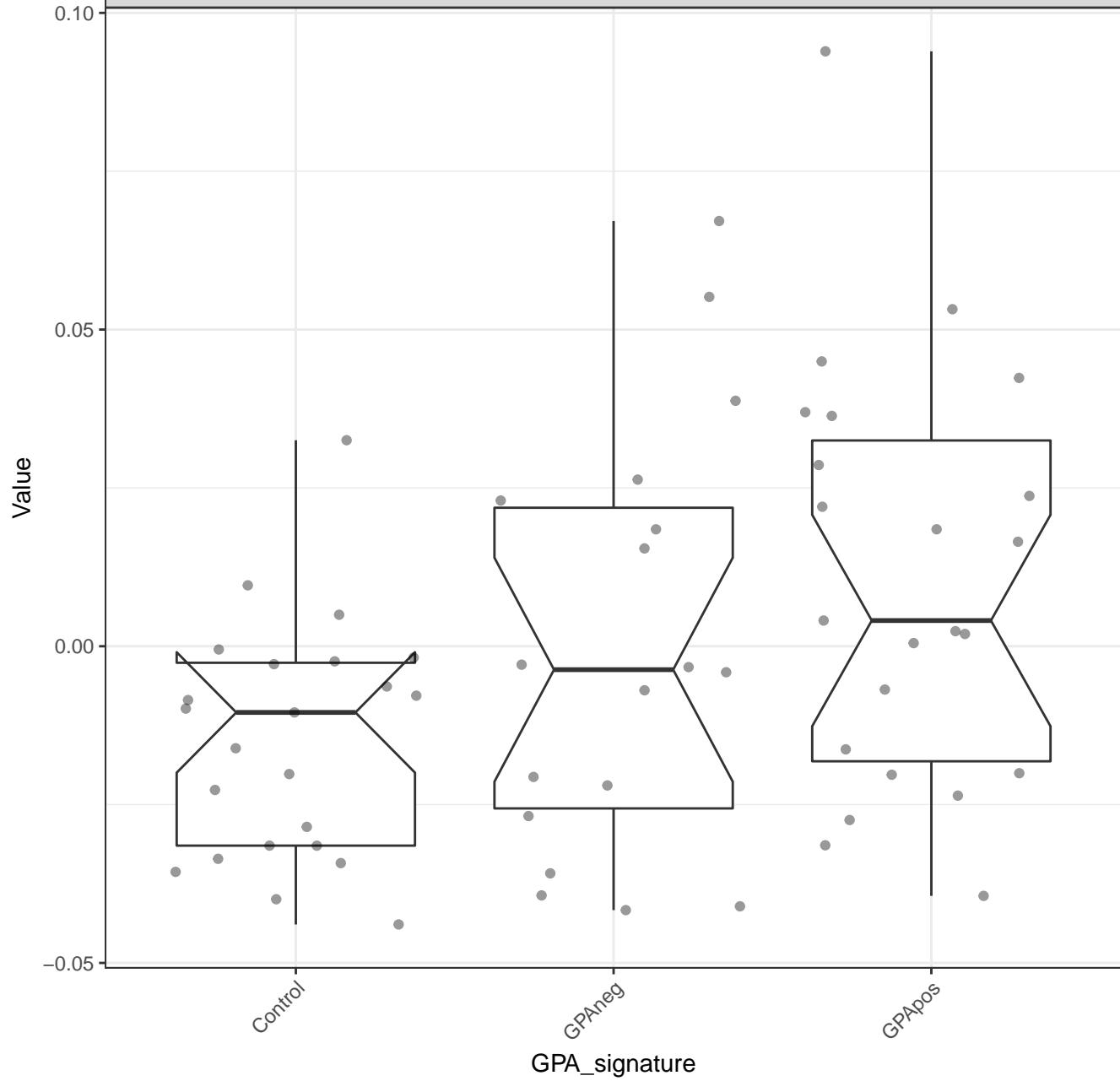
LV 967

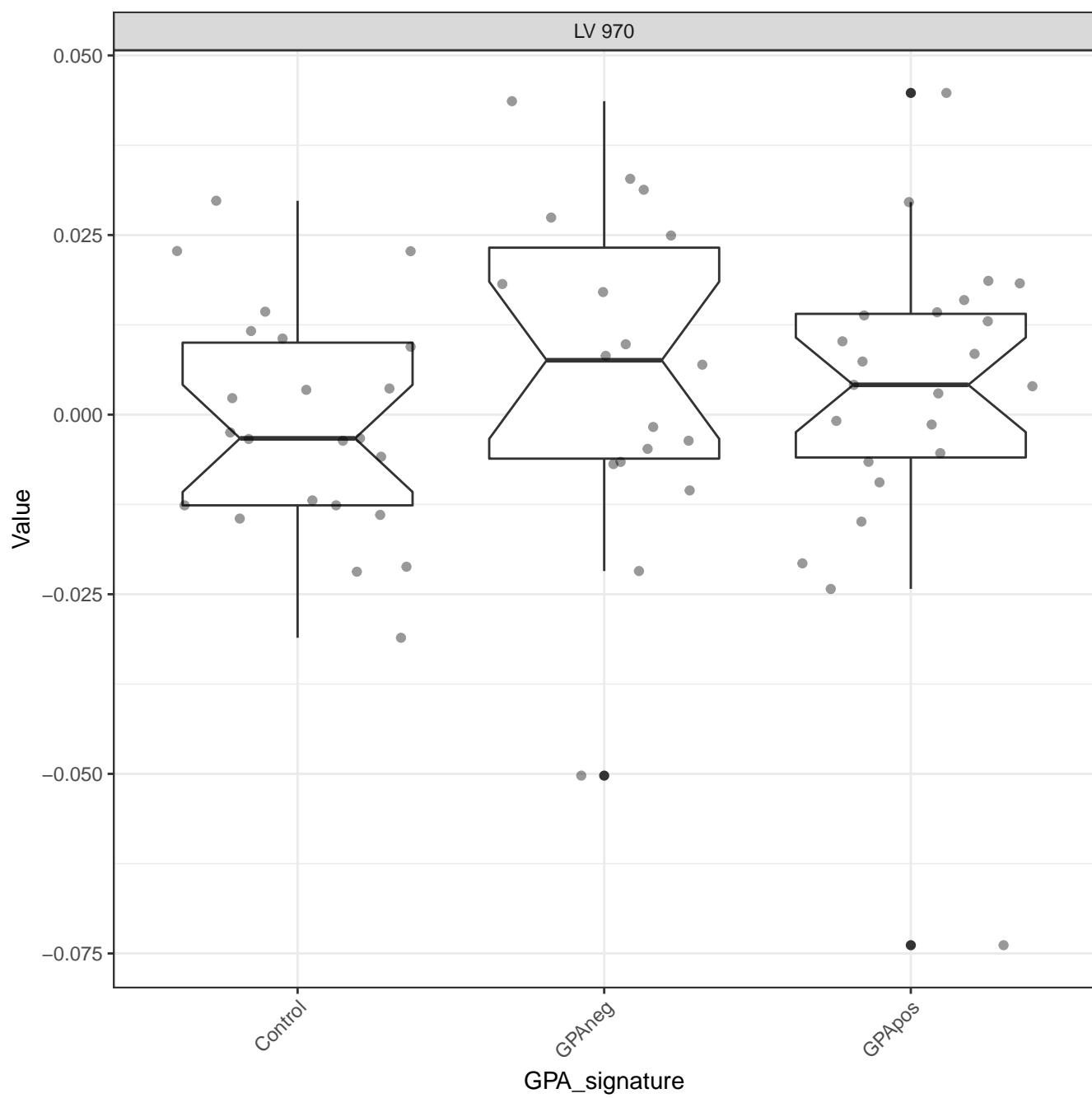


LV 968

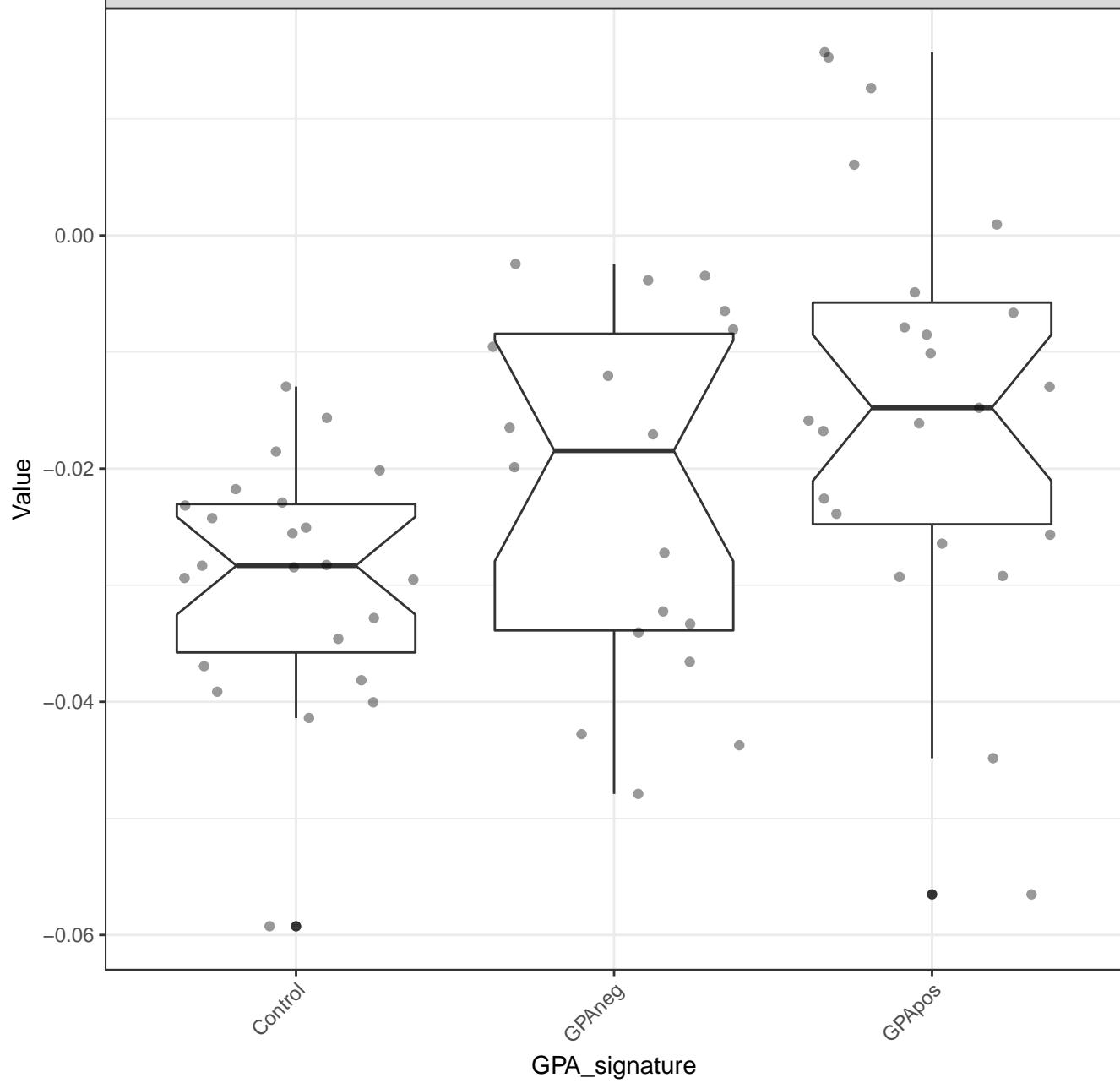


LV 969





LV 971



LV 972

Value

0.10

0.05

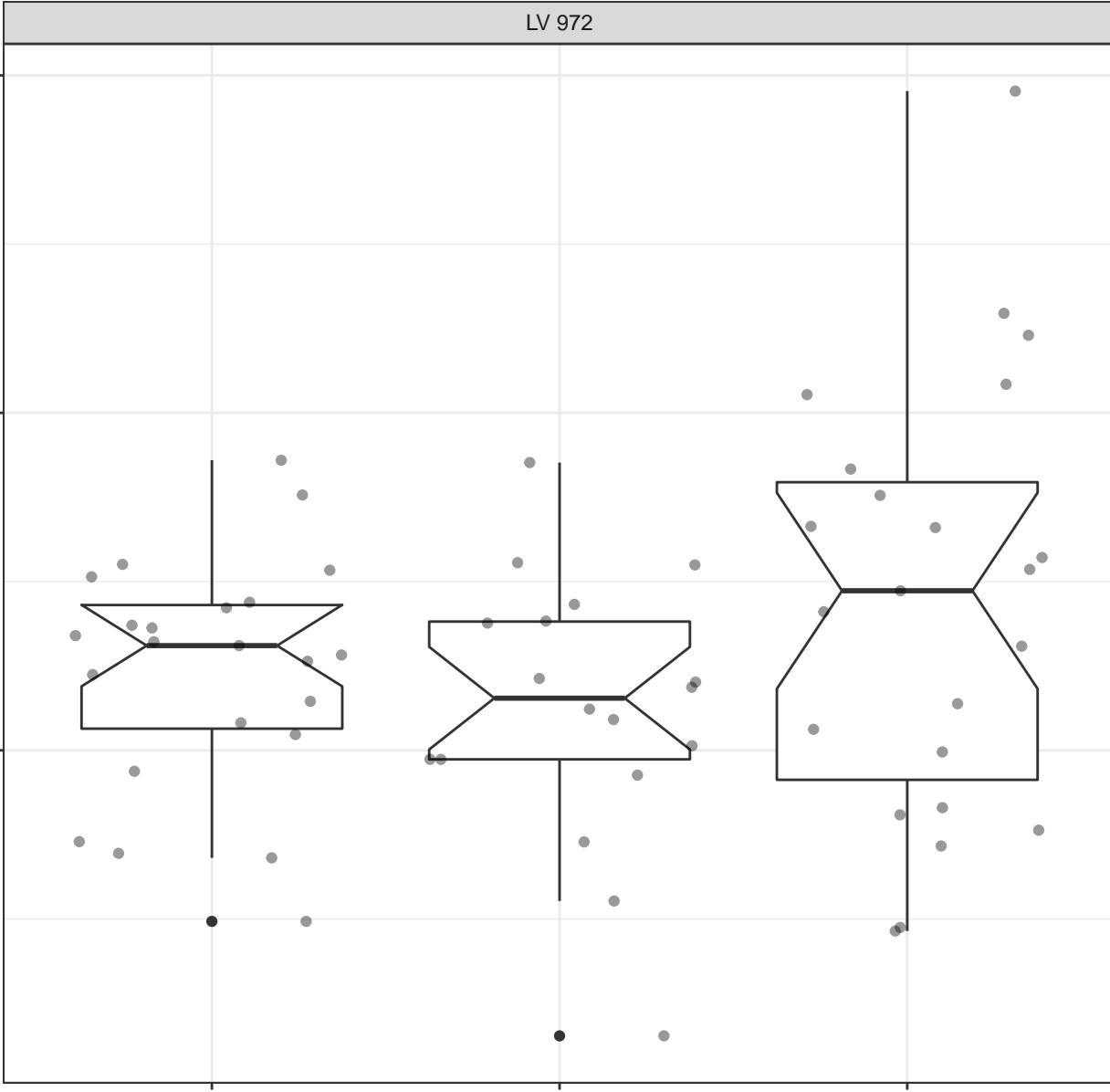
0.00

Control

GPA_signature

GPAneg

GPApos



LV 973

Value

0.050

0.025

0.000

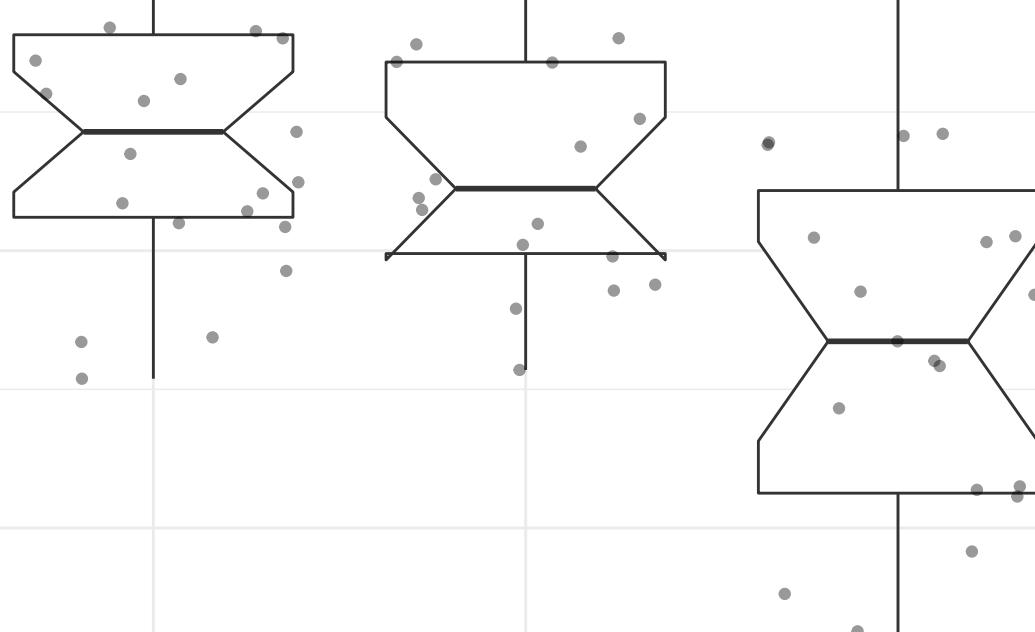
-0.025

Control

GPAneg

GPAPos

GPA_signature



LV 974

Value

0.10

0.05

0.00

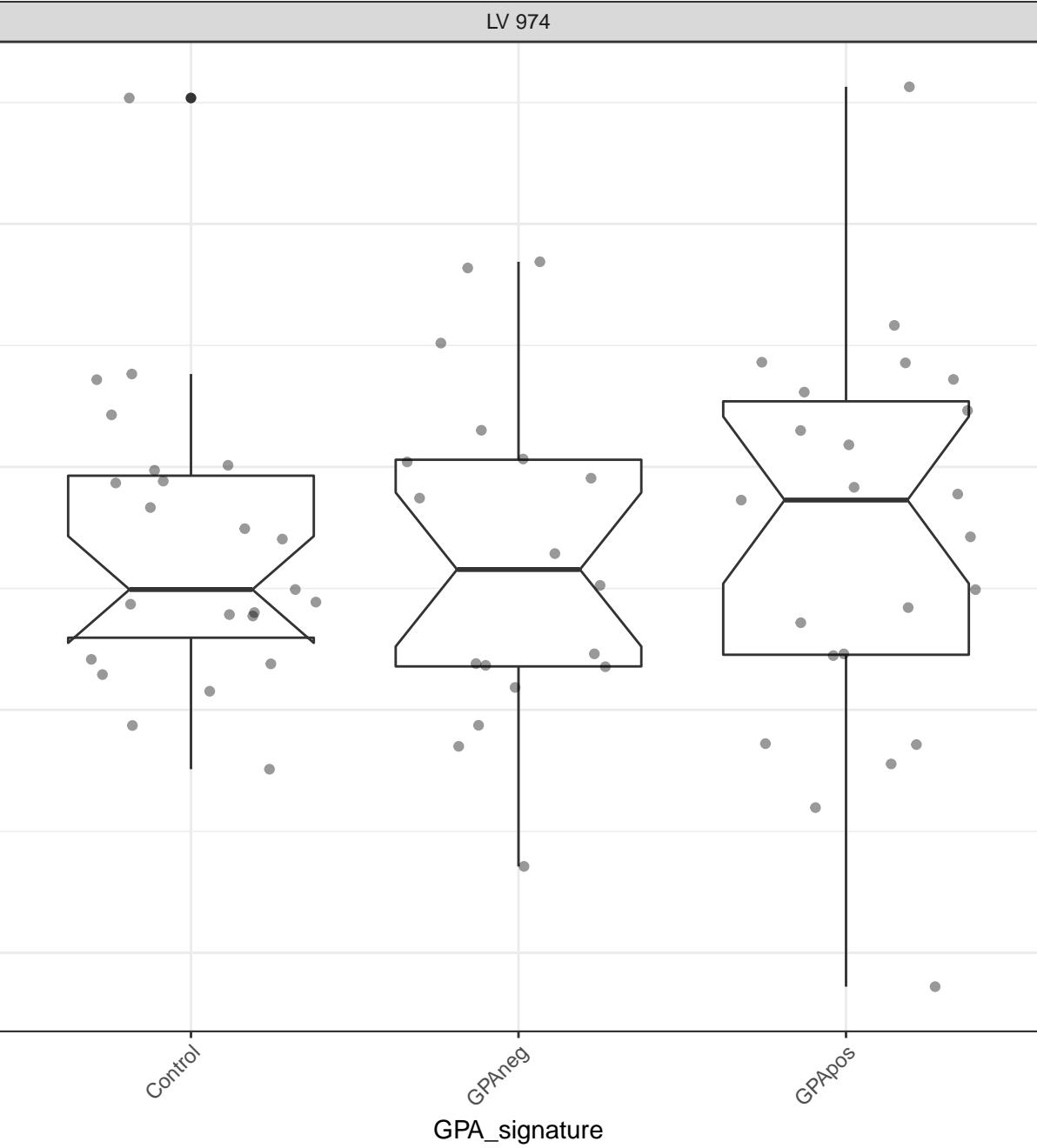
-0.05

Control

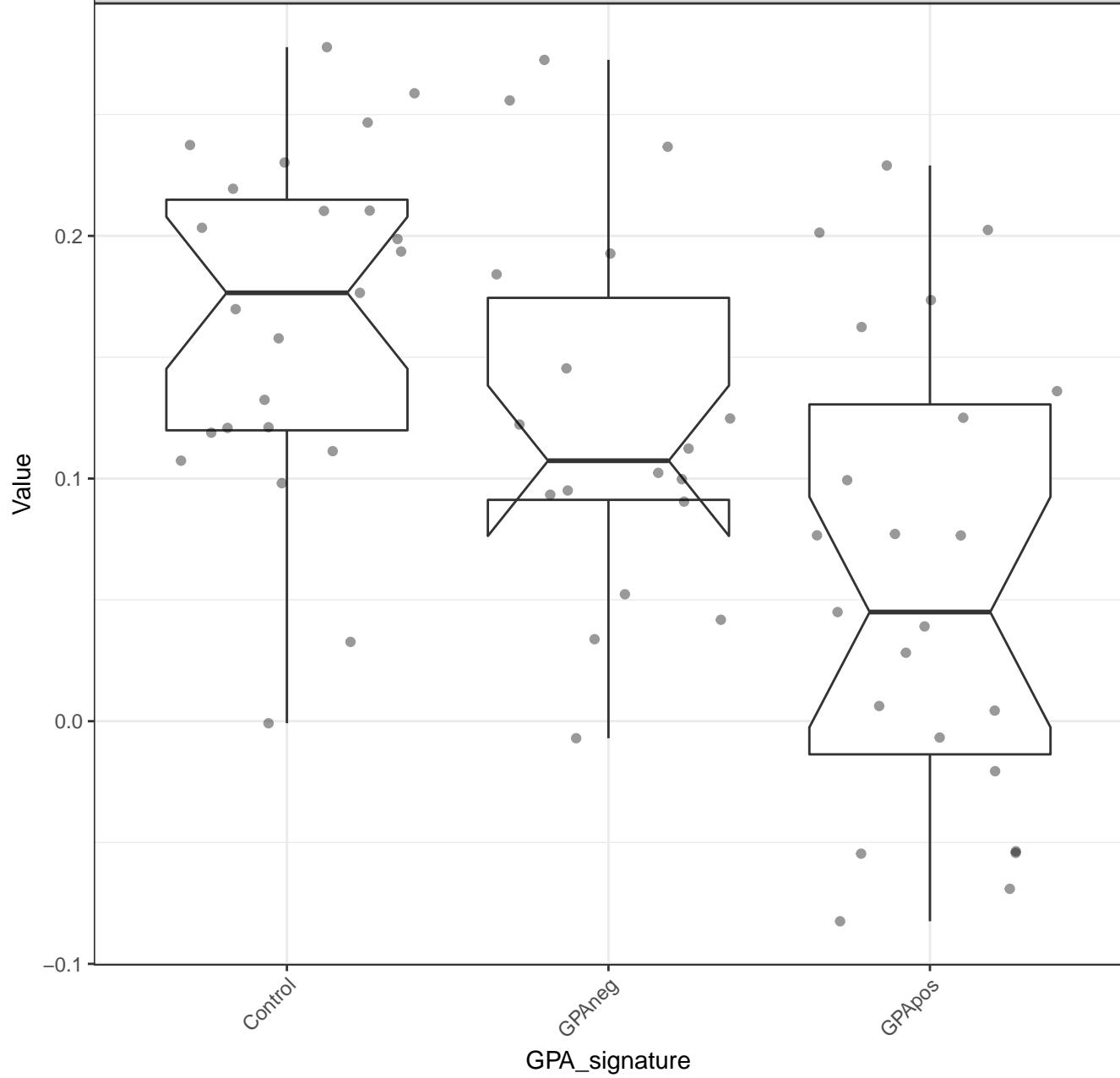
GPA_signature

GPAneg

GPAPos



975,SVM T cells CD4 memory resting



LV 976

Value

0.4

0.3

0.2

0.1

0.0

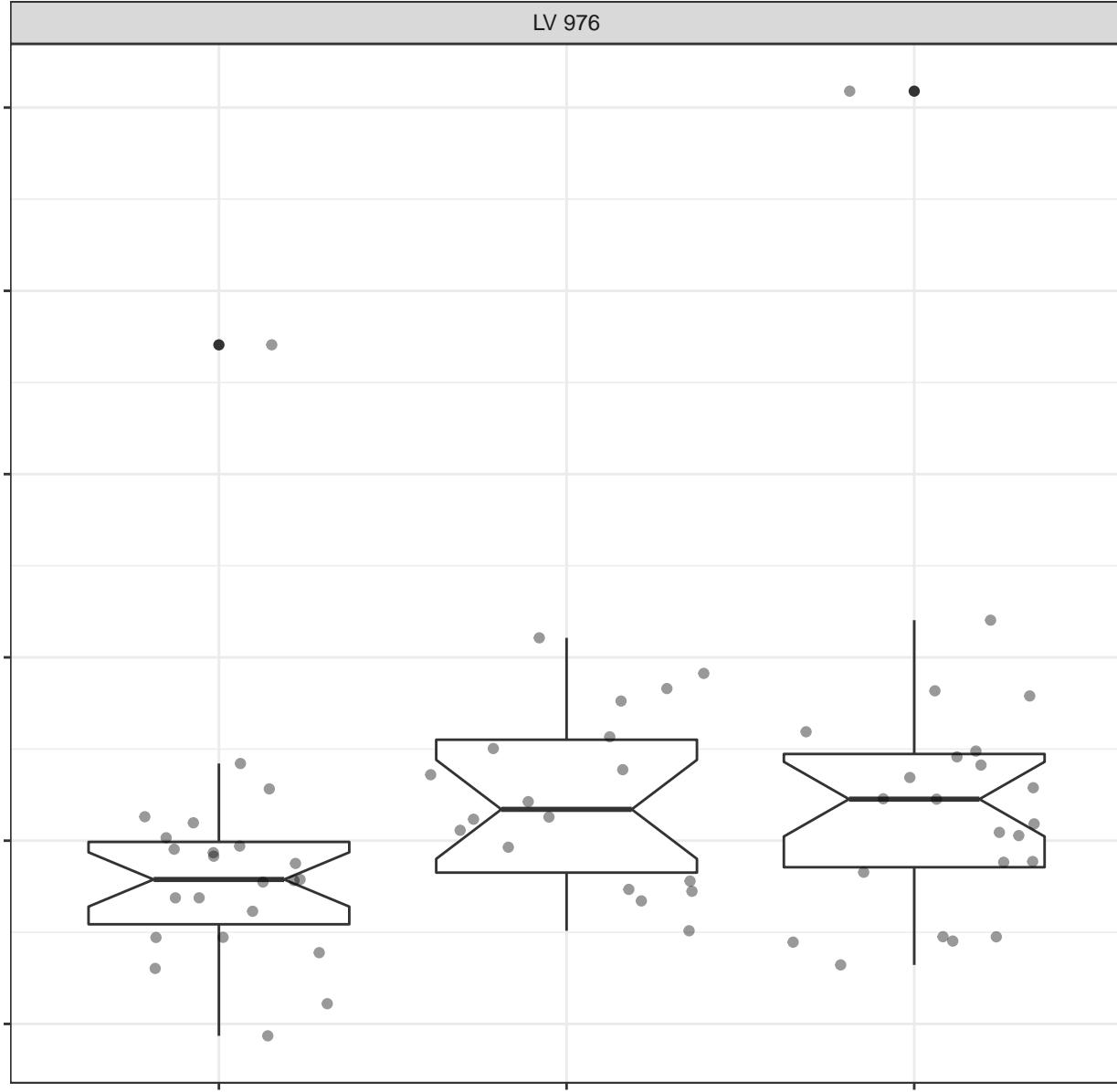
-0.1

Control

GPA_signature

GPAneg

GPApos



977,SVM B cells naive

Value

0.4

0.3

0.2

0.1

0.0

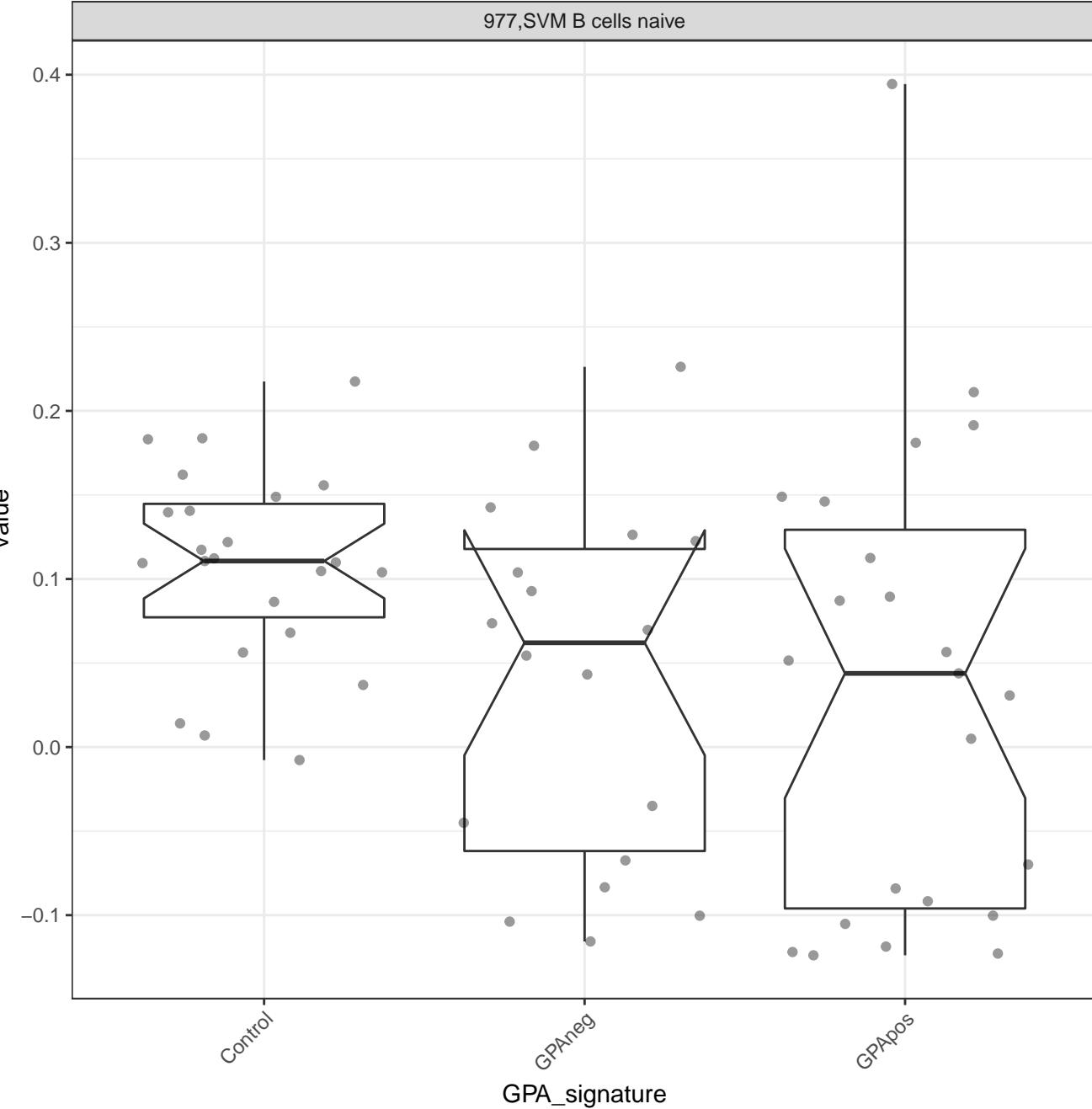
-0.1

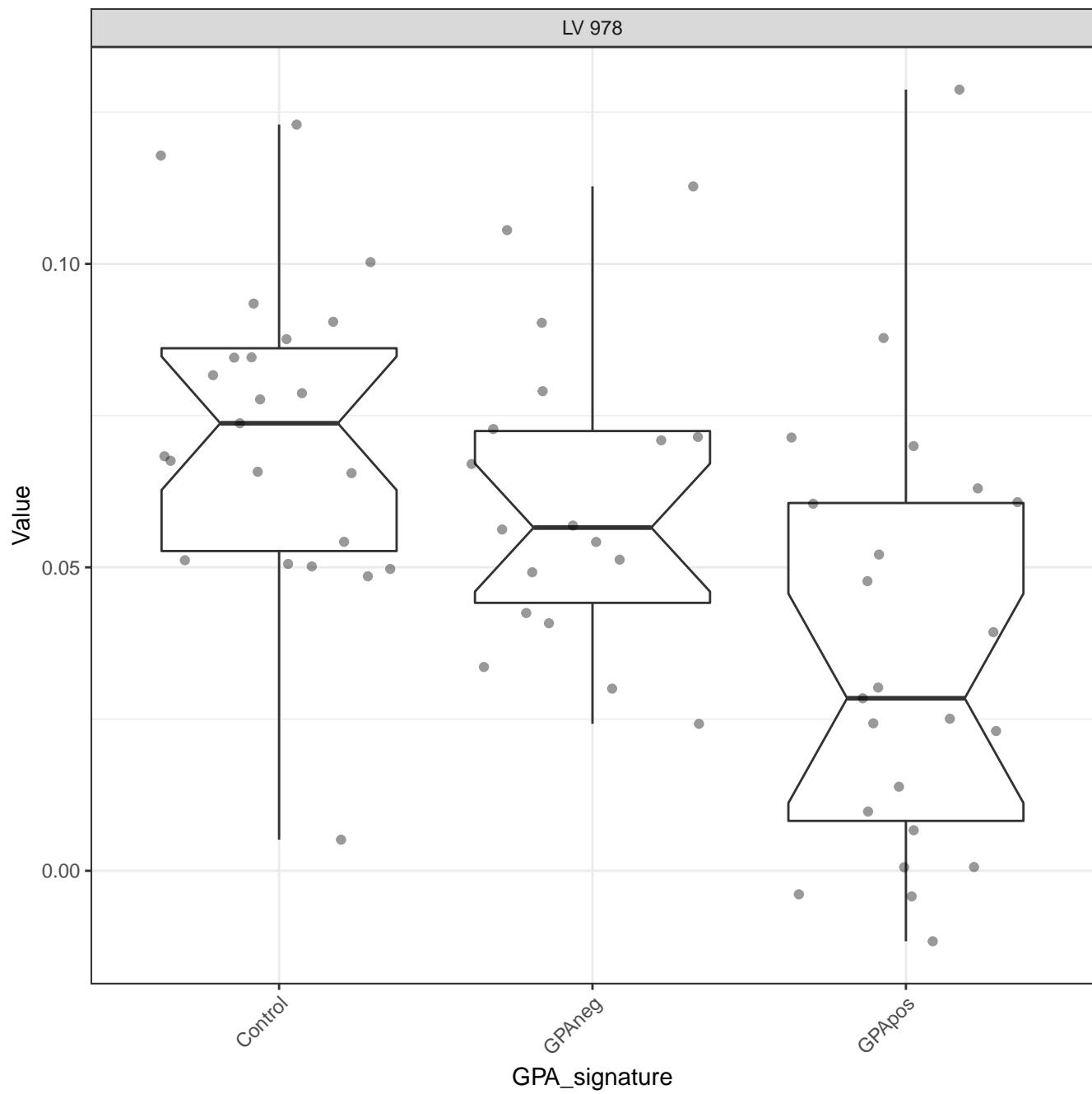
Control

GPA_signature

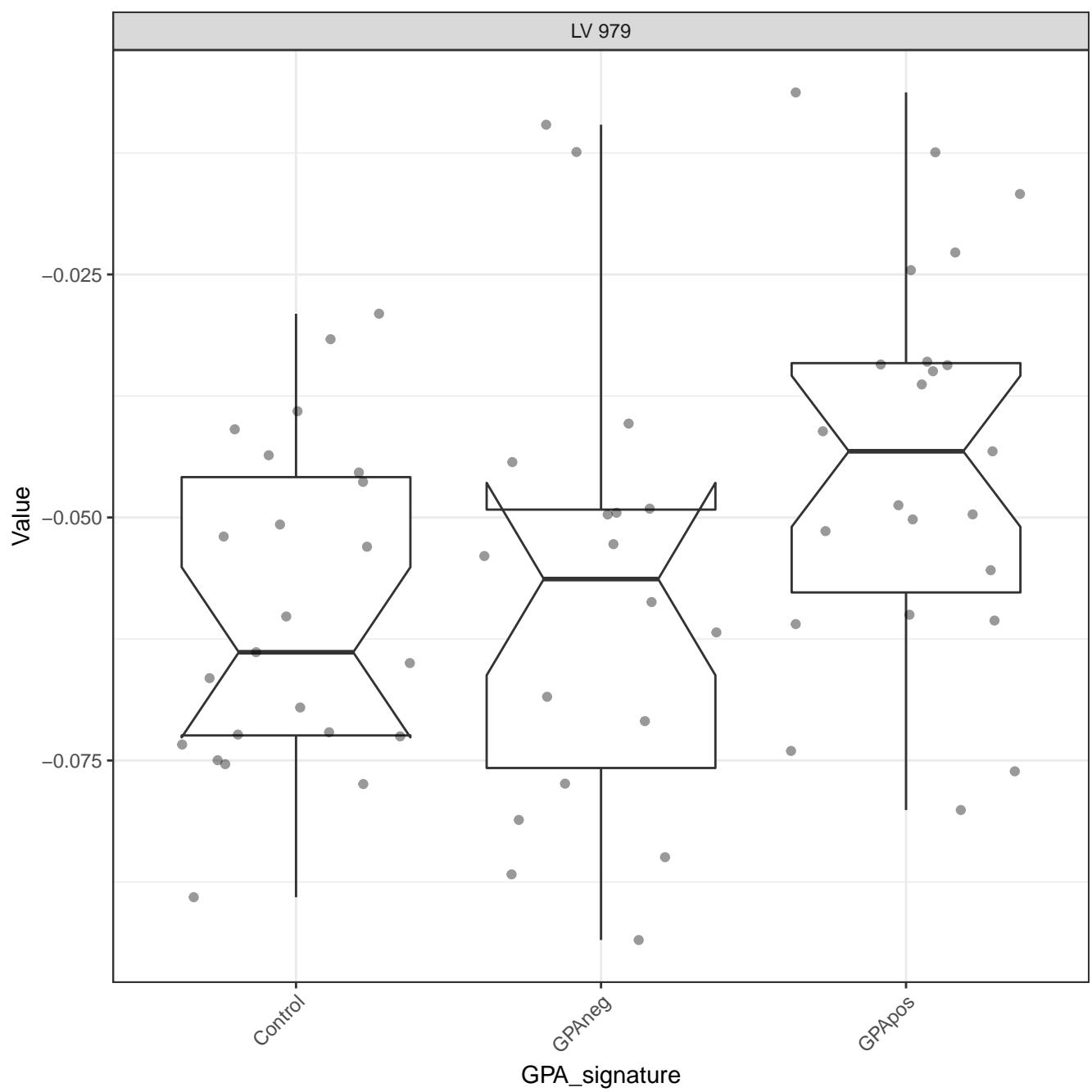
GPAneg

GPAPos





LV 979



LV 980

Value

0.04

0.02

0.00

-0.02

-0.04

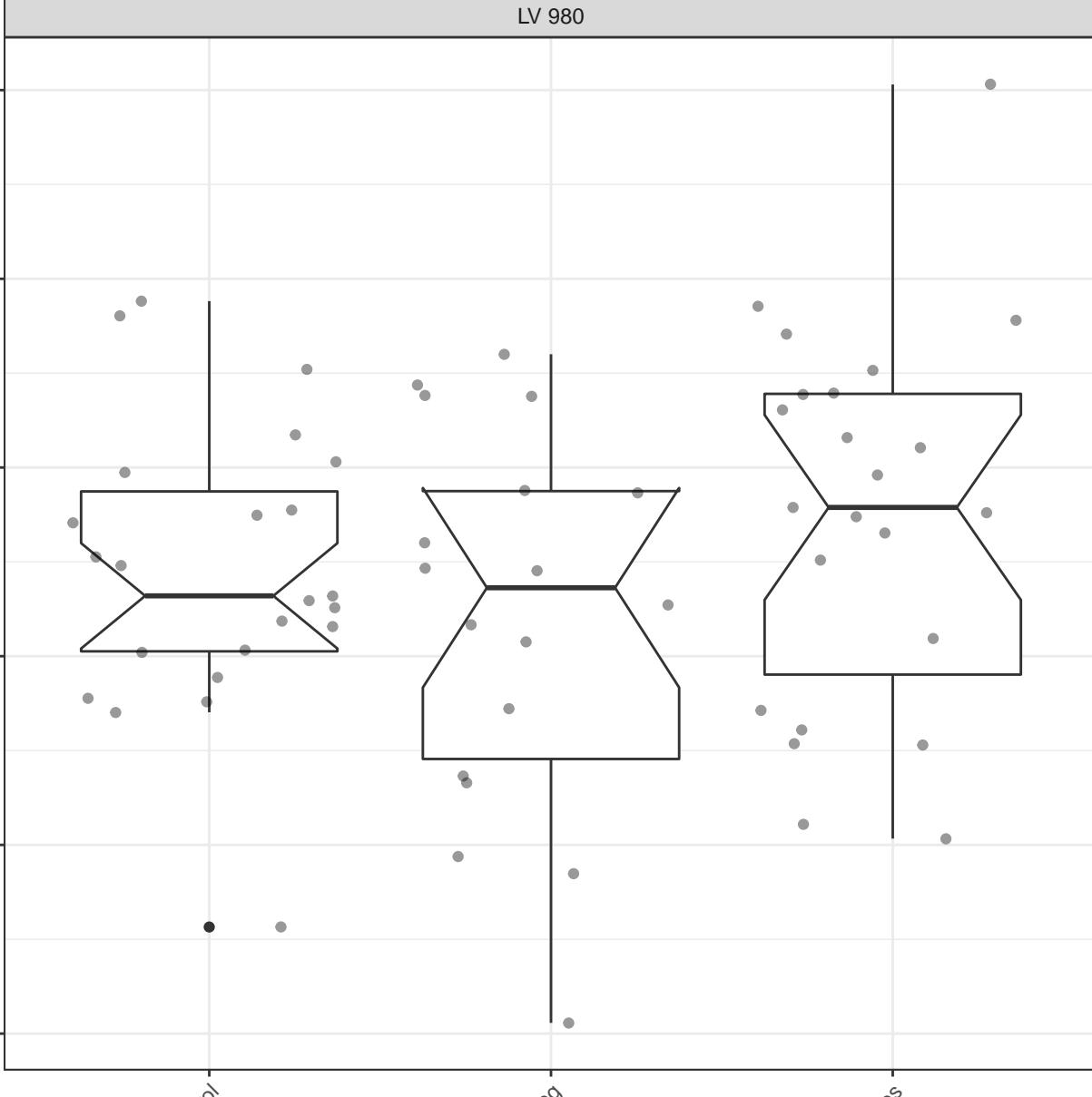
-0.06

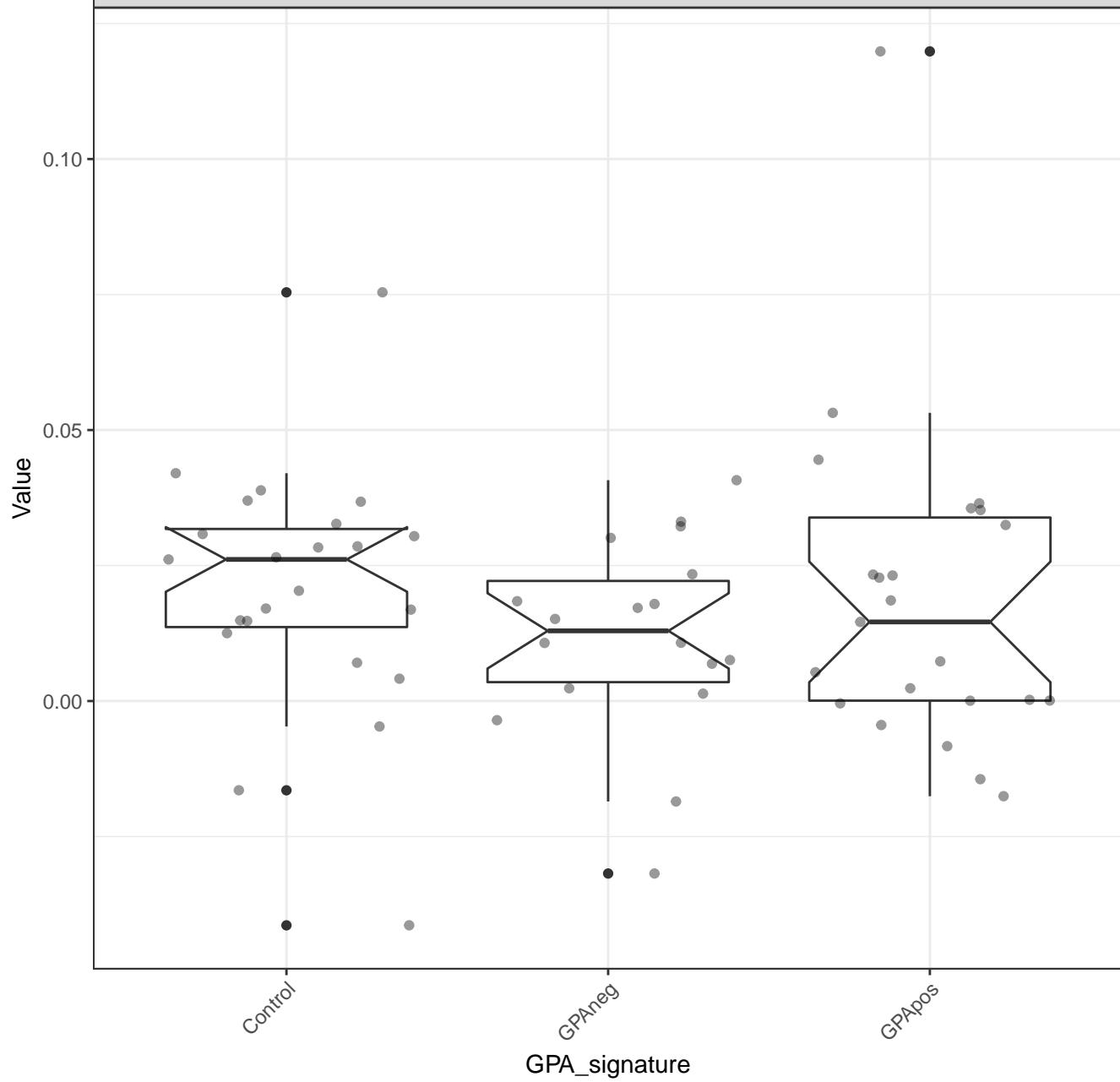
Control

GPAneg

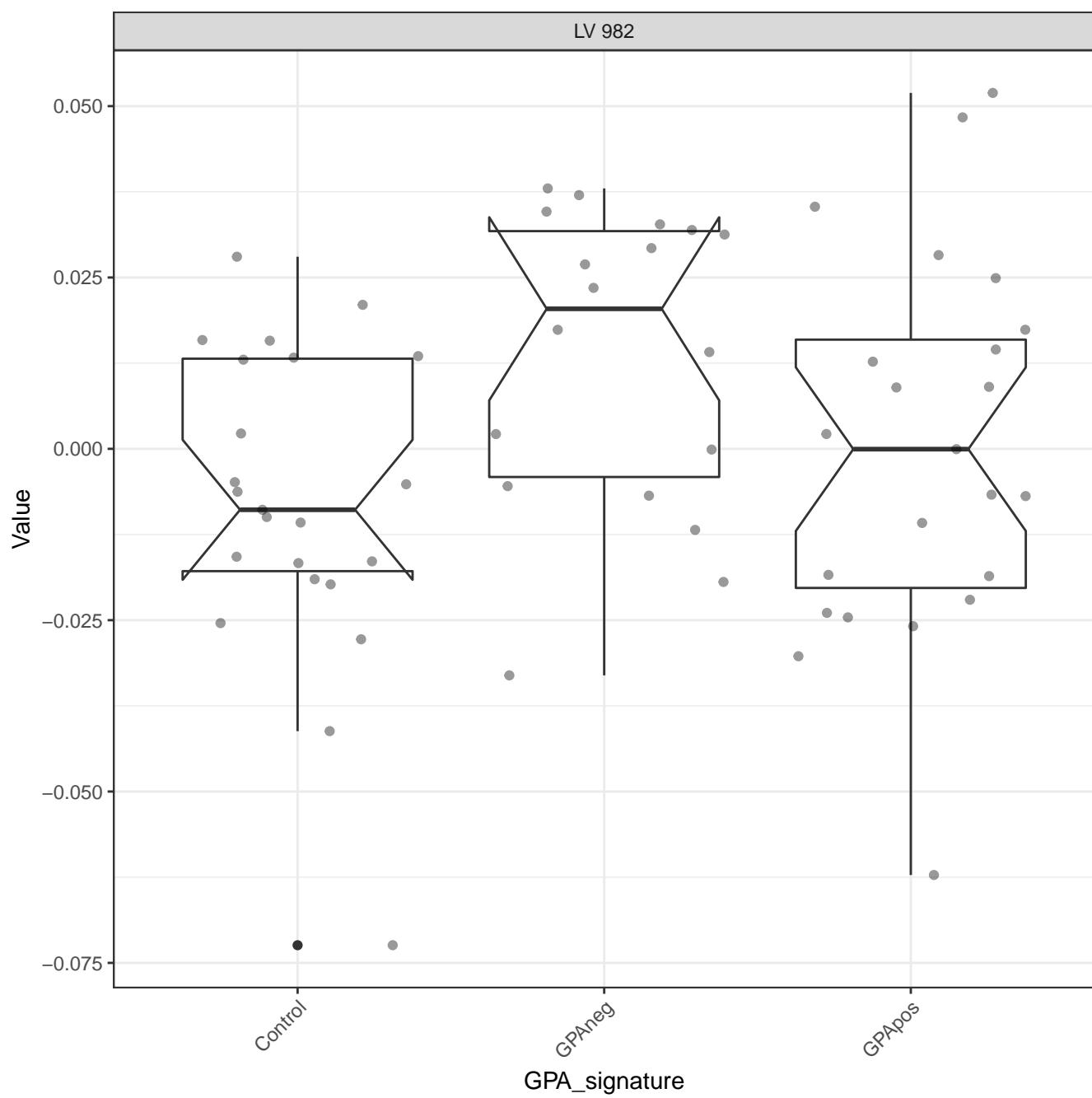
GPApos

GPA_signature

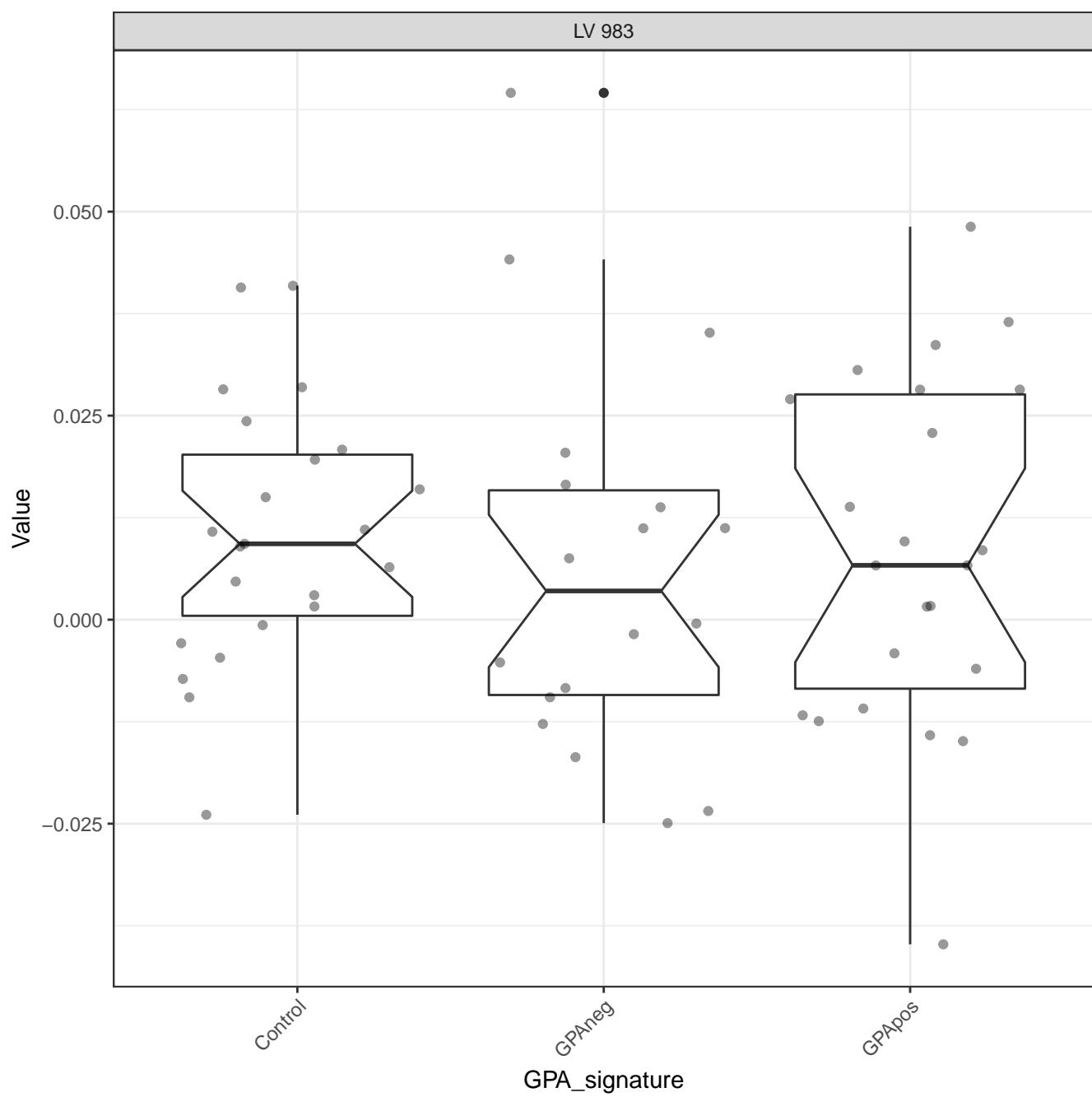




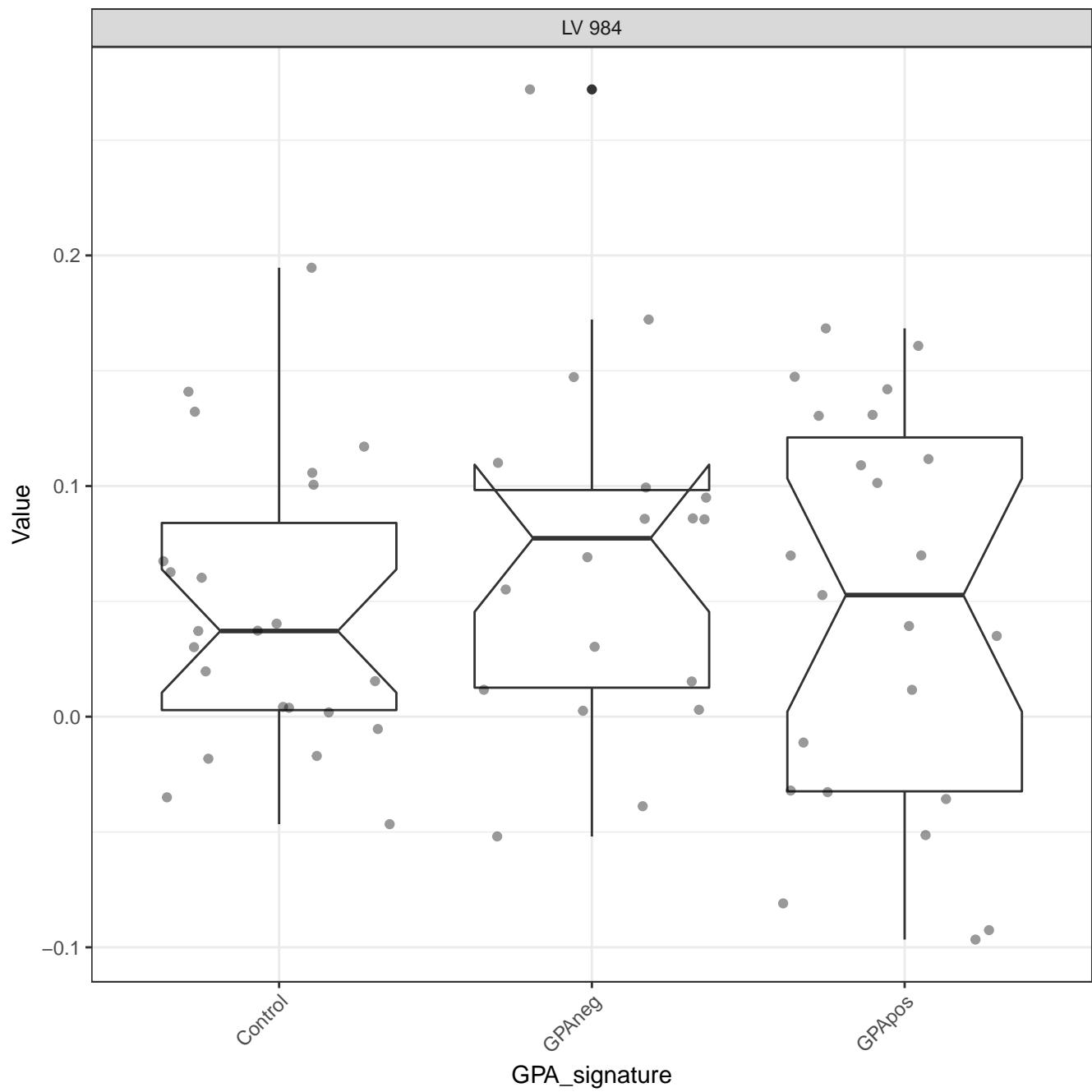
LV 982



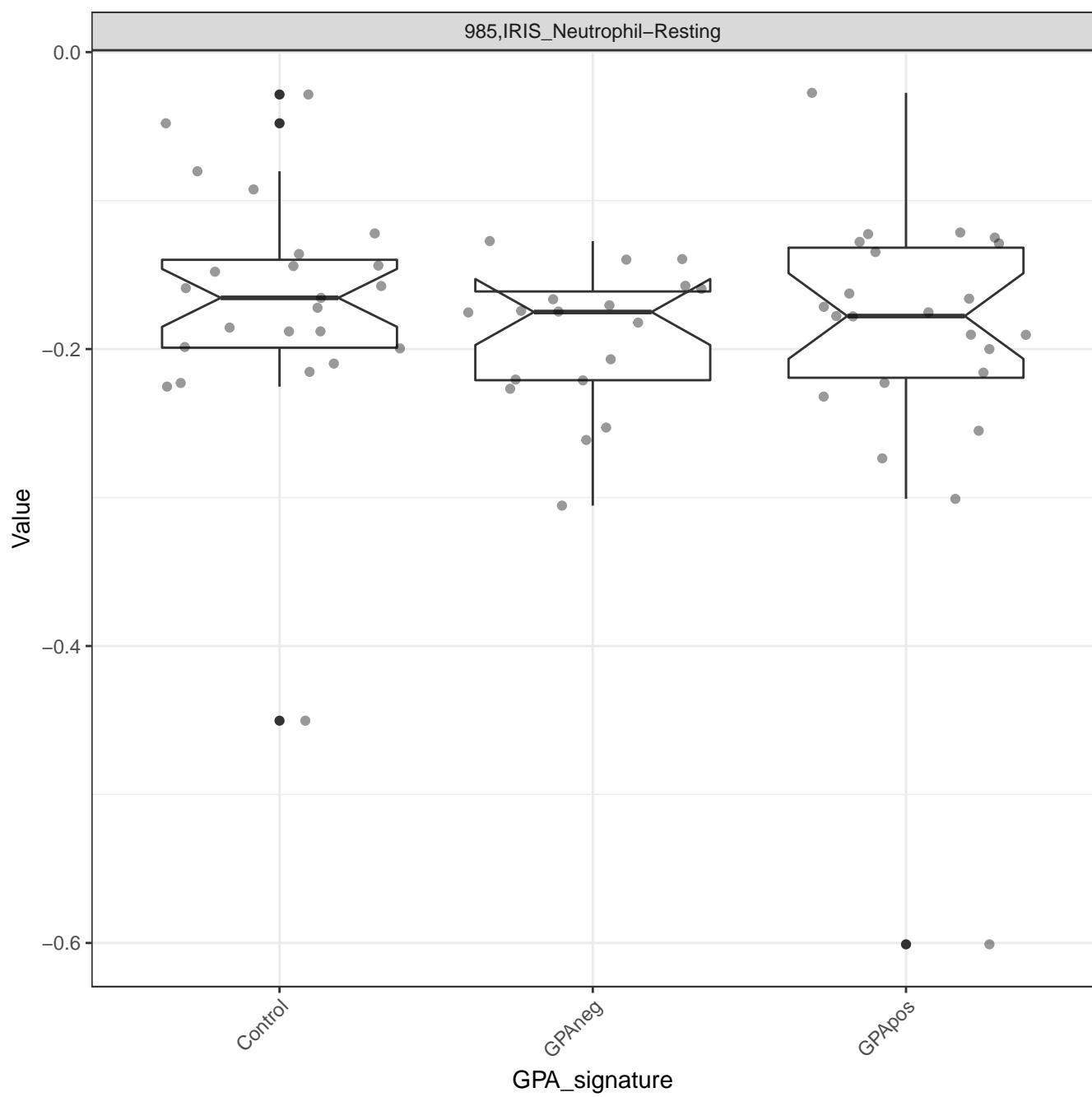
LV 983



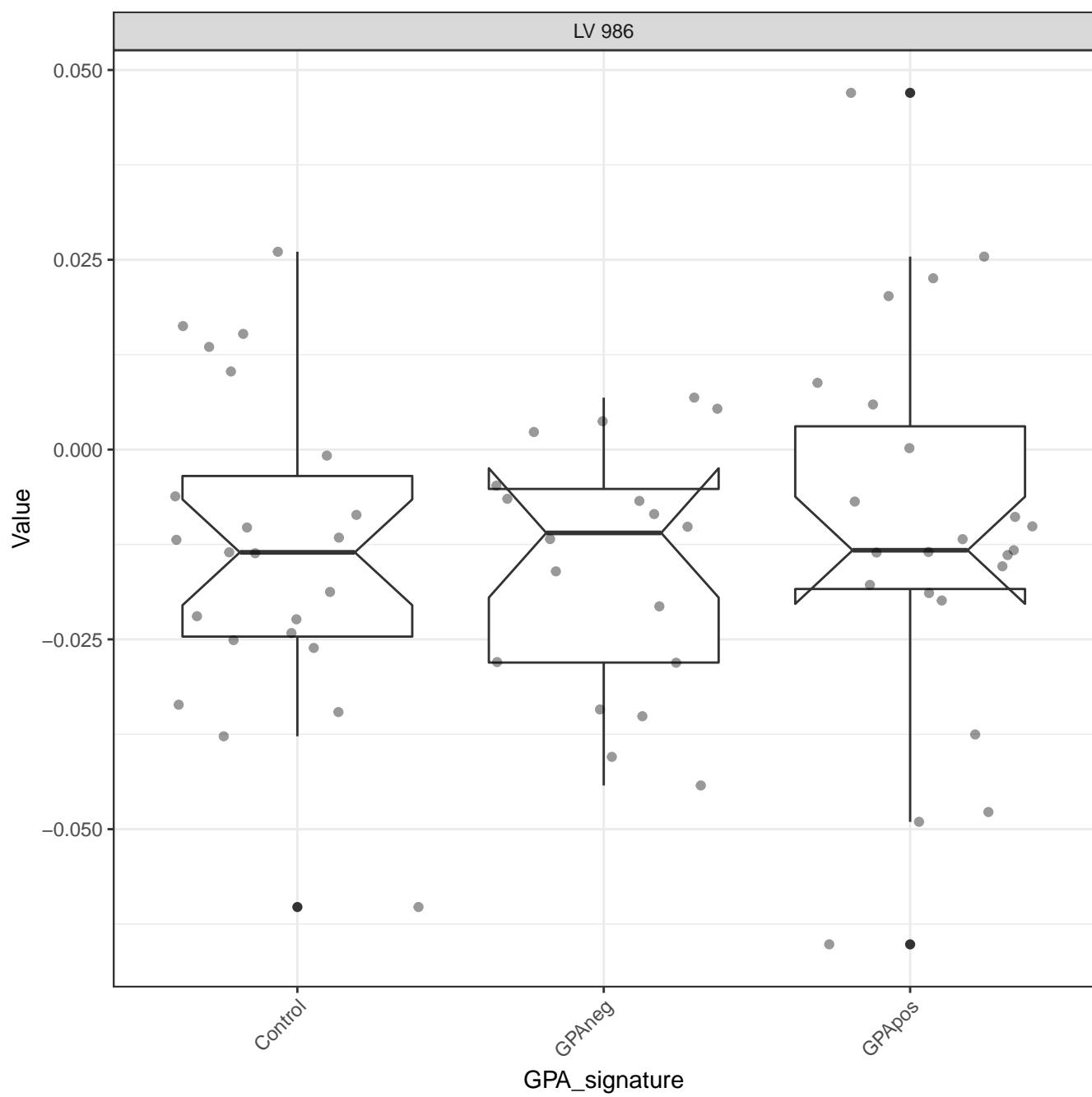
LV 984



985,IRIS_Neutrophil–Resting



LV 986



LV 987

