

1,REACTOME_MRNA_SPLICING

Value

0.3

0.2

0.1

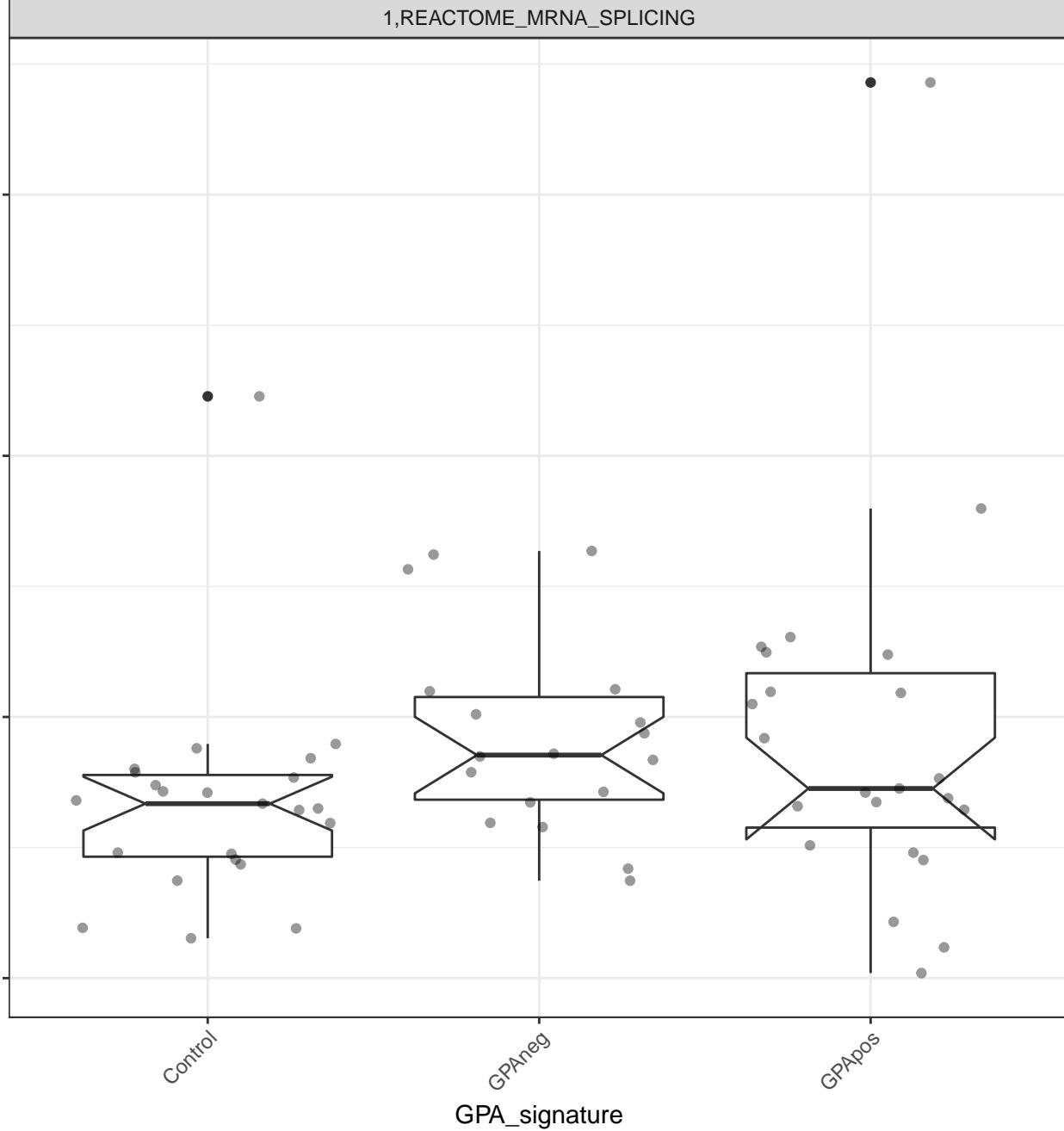
0.0

Control

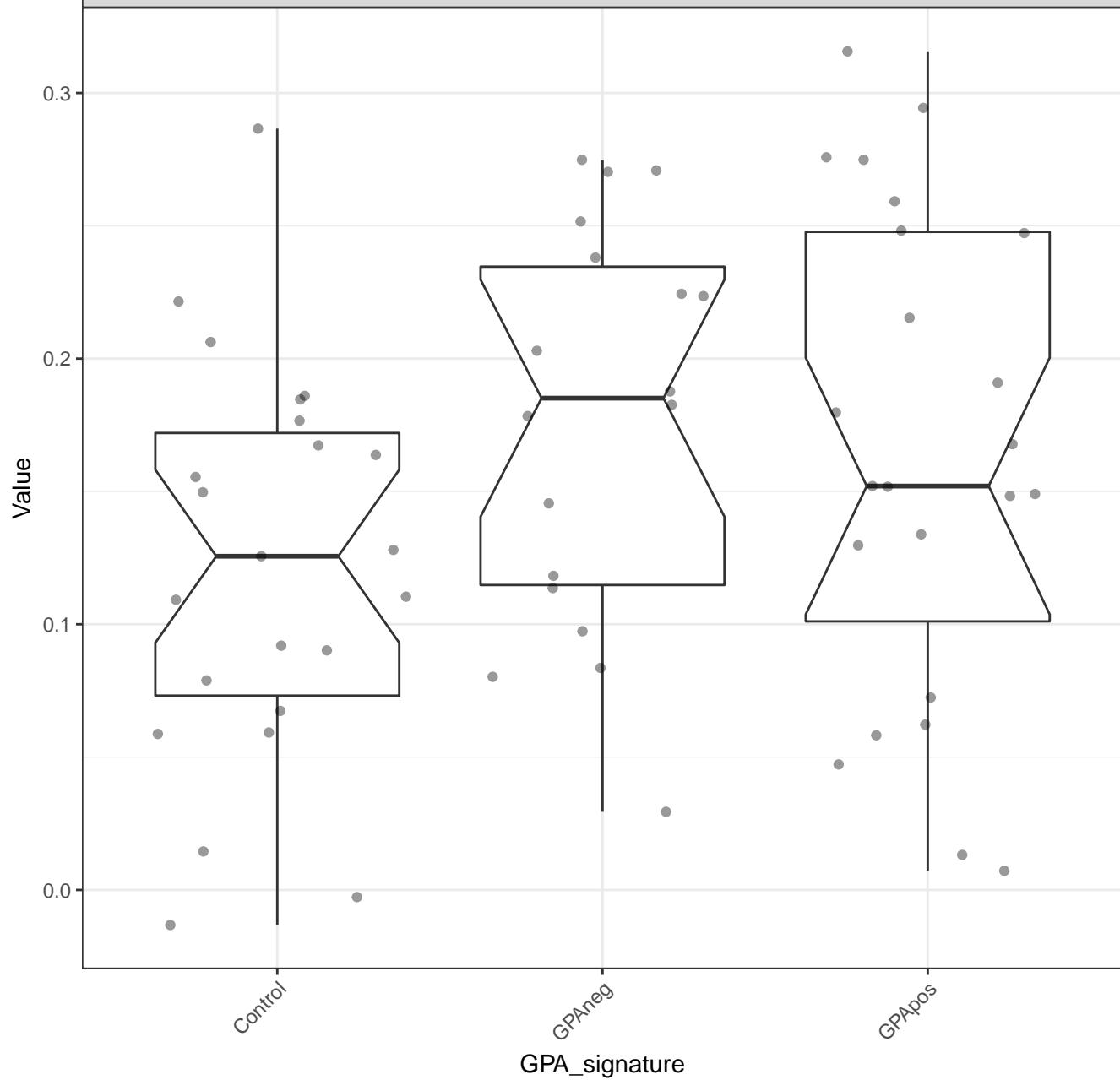
GPA_signature

GPAneg

GPAPos



2,SVM Monocytes



3,REACTOME_TRANSMISSION_ACROSS_CHEMICAL_SYNAPSES

Value

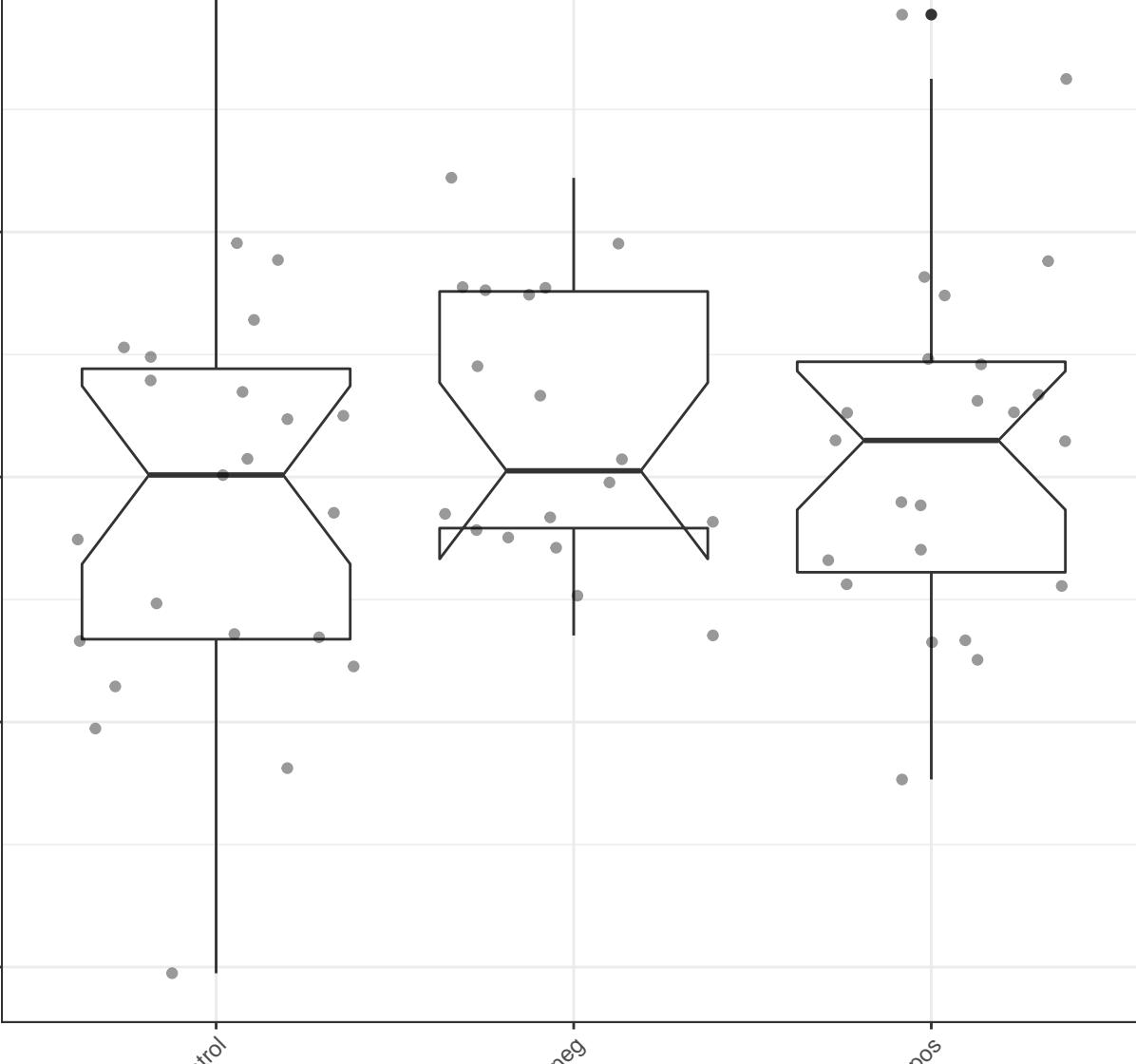
0.05
0.00
-0.05
-0.10
-0.15

Control

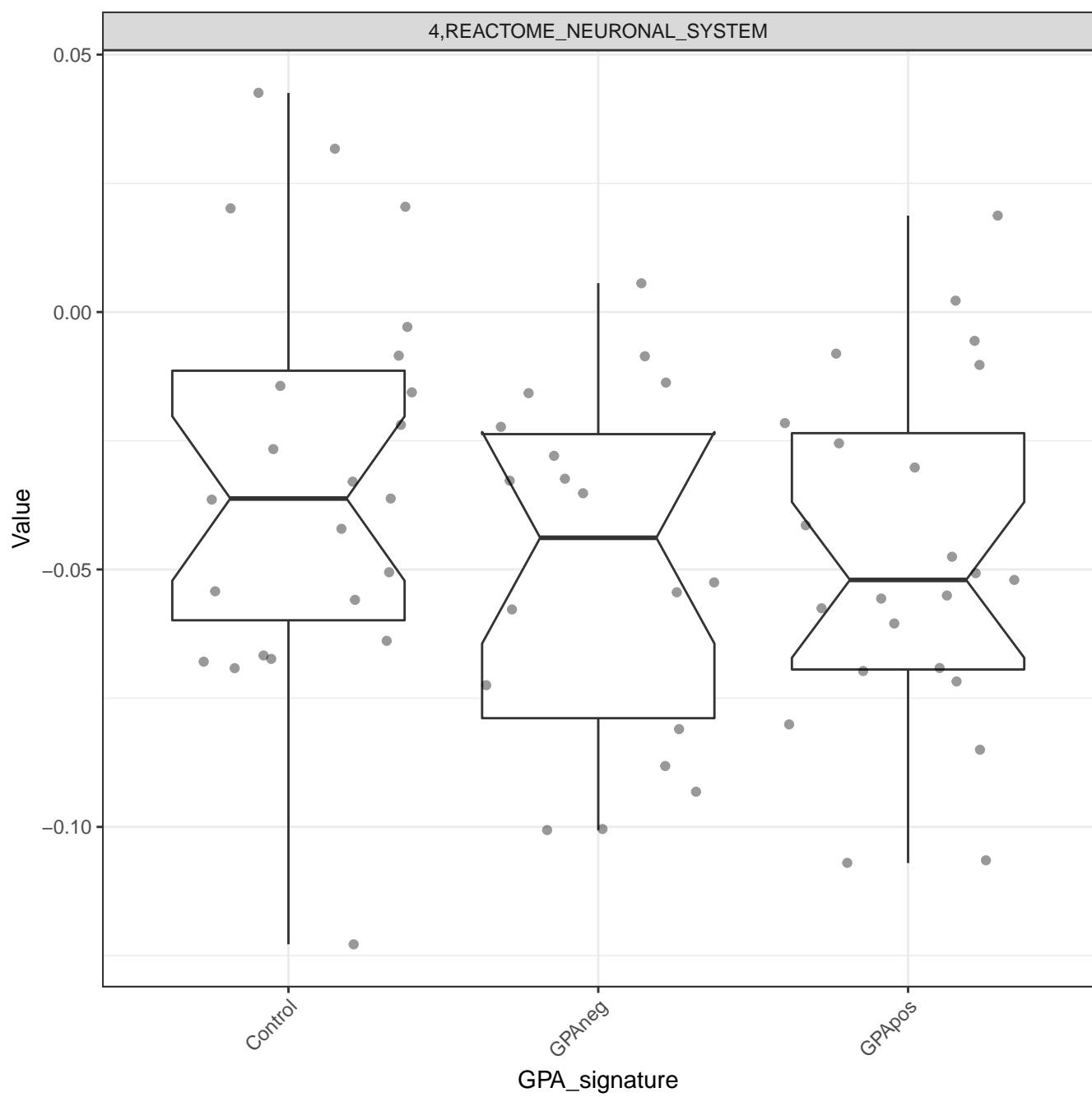
GPAneg

GPApos

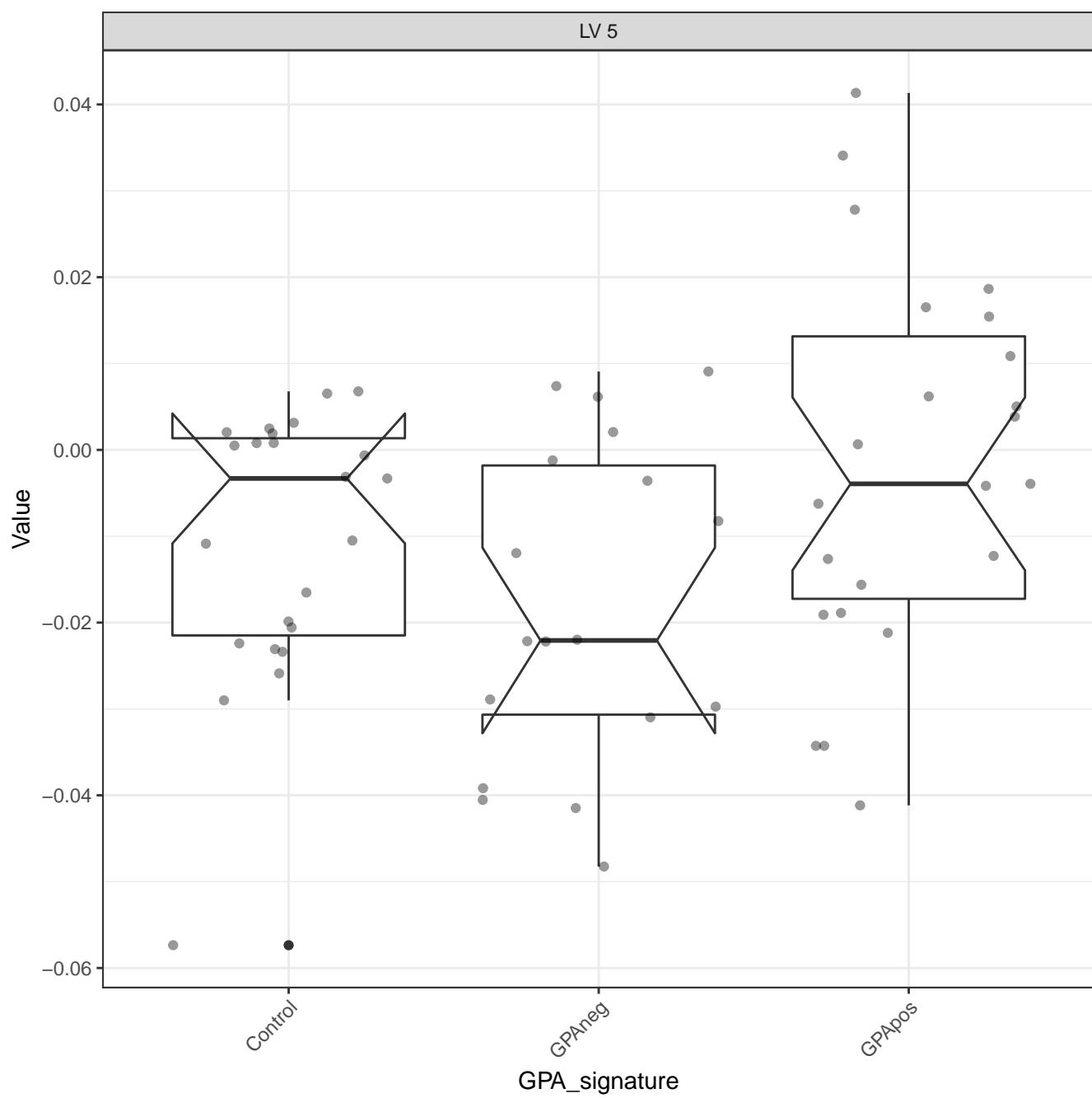
GPA_signature



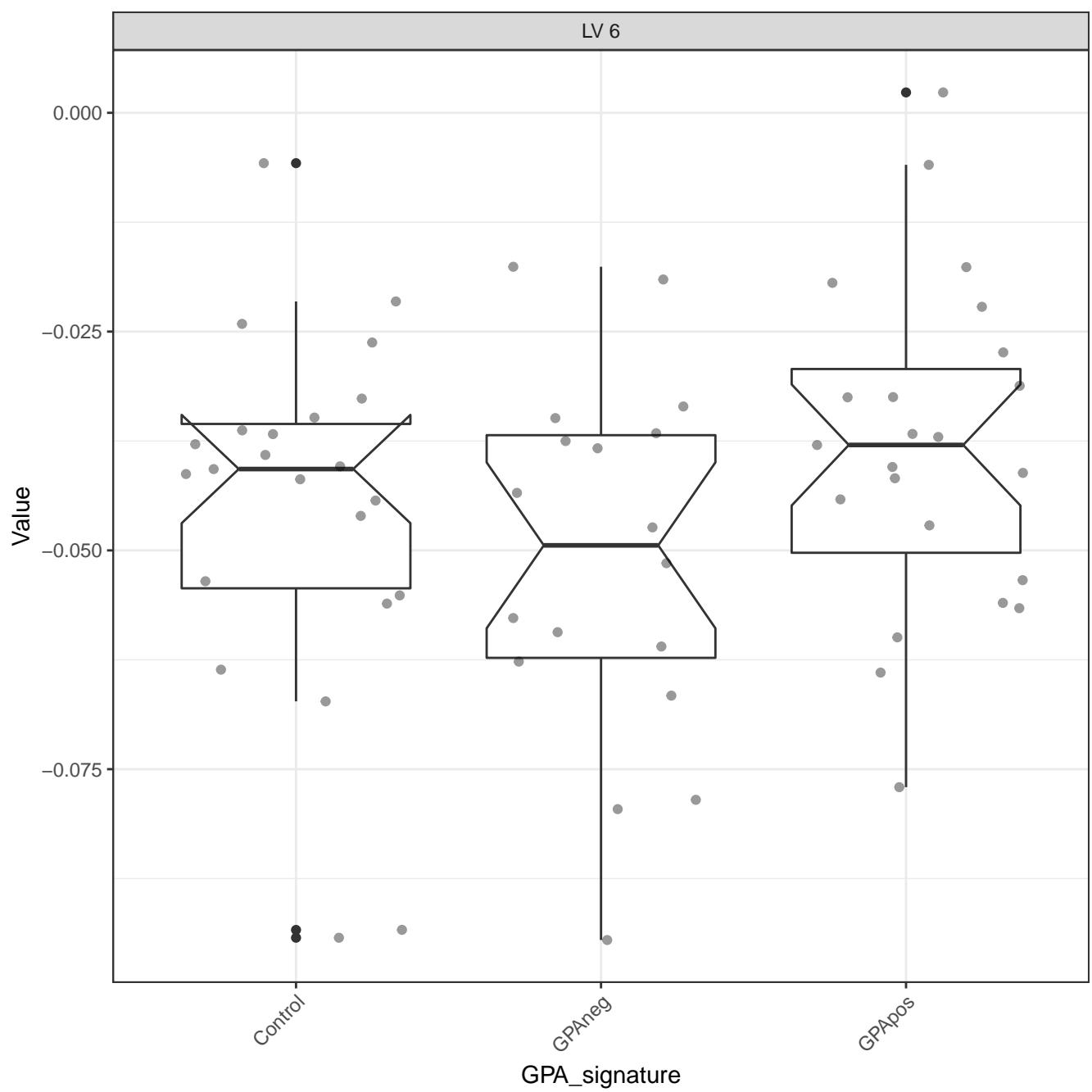
4,REACTOME_NEURONAL_SYSTEM



LV 5



LV 6



7,IRIS_Neutrophil-Resting

Value

-0.10

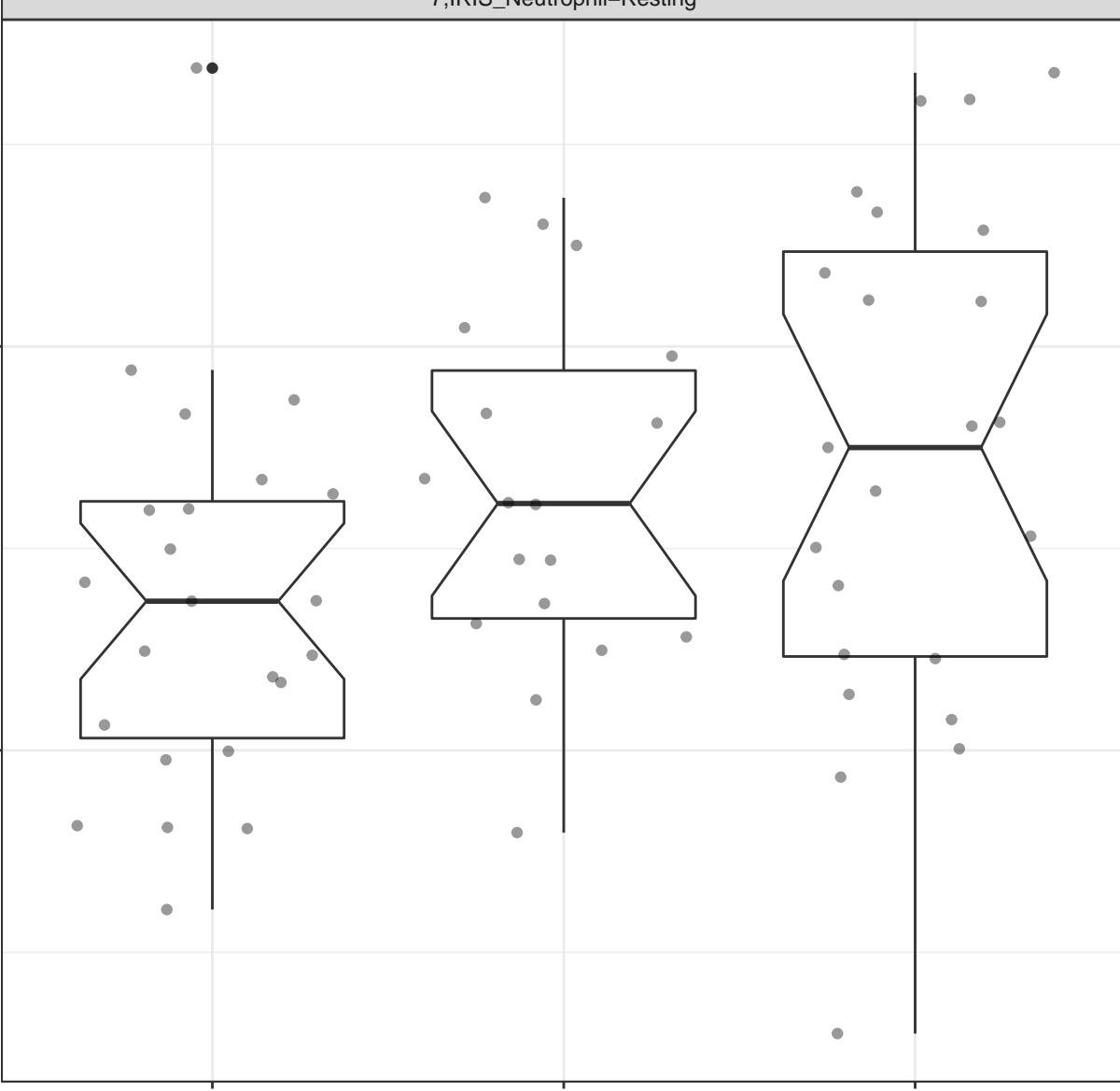
-0.15

Control

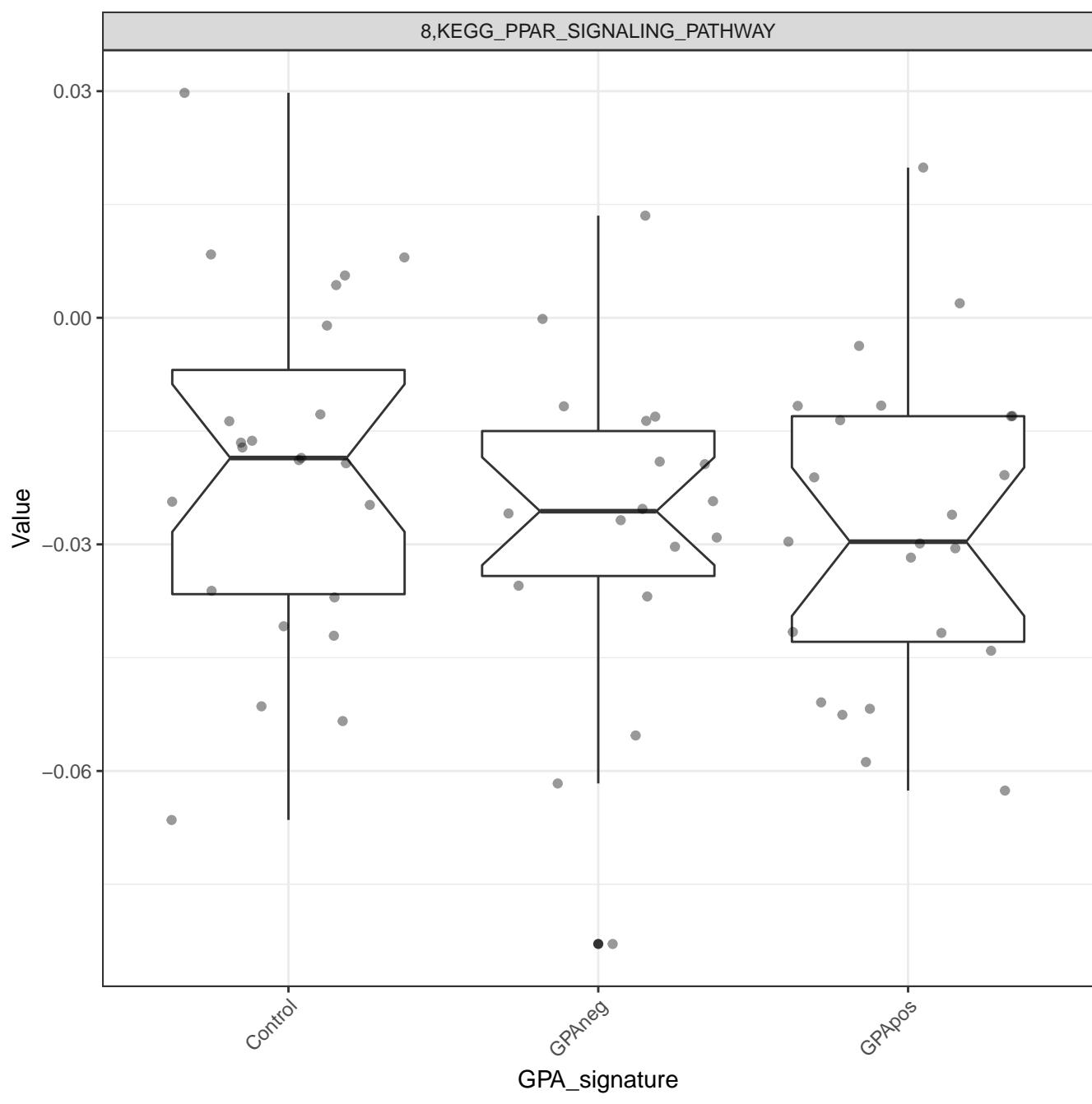
GPAneg

GPAPos

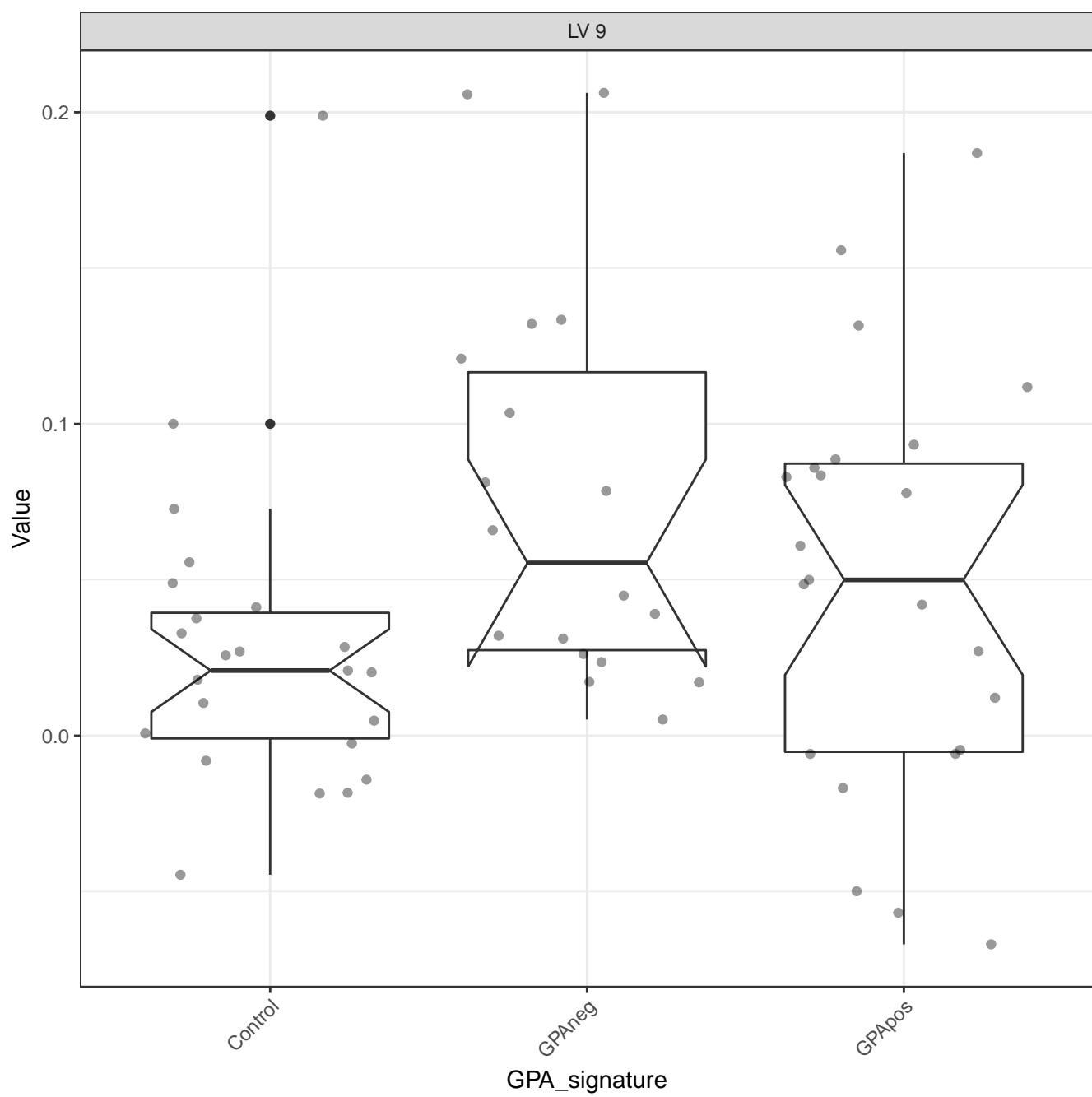
GPA_signature



8,KEGG_PPAR_SIGNALING_PATHWAY



LV 9



10,SVM Macrophages M0

Value

0.05

0.00

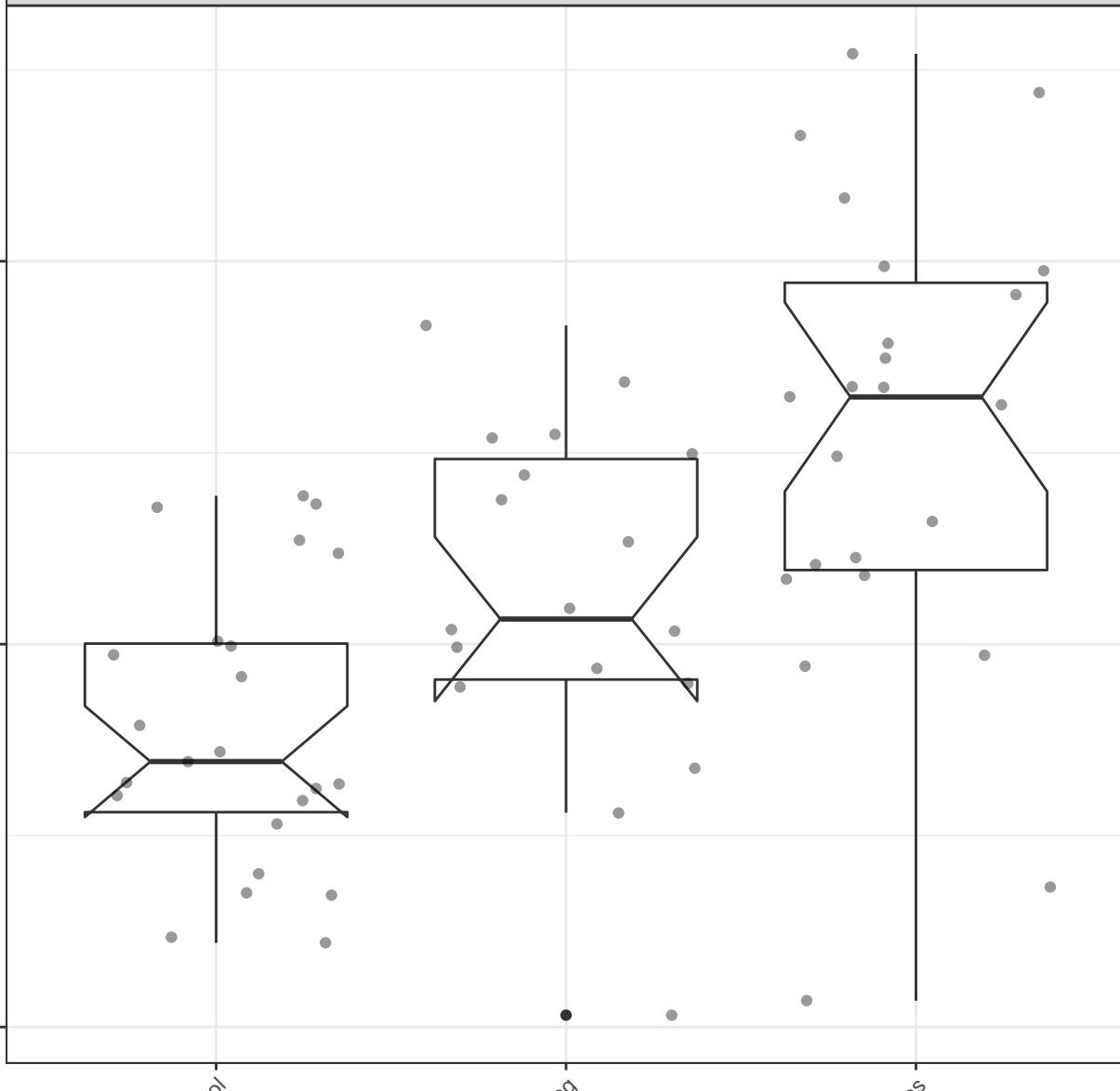
-0.05

Control

GPA_signature

GPAneg

GPAPos



LV 11

Value

0.05

0.00

-0.05

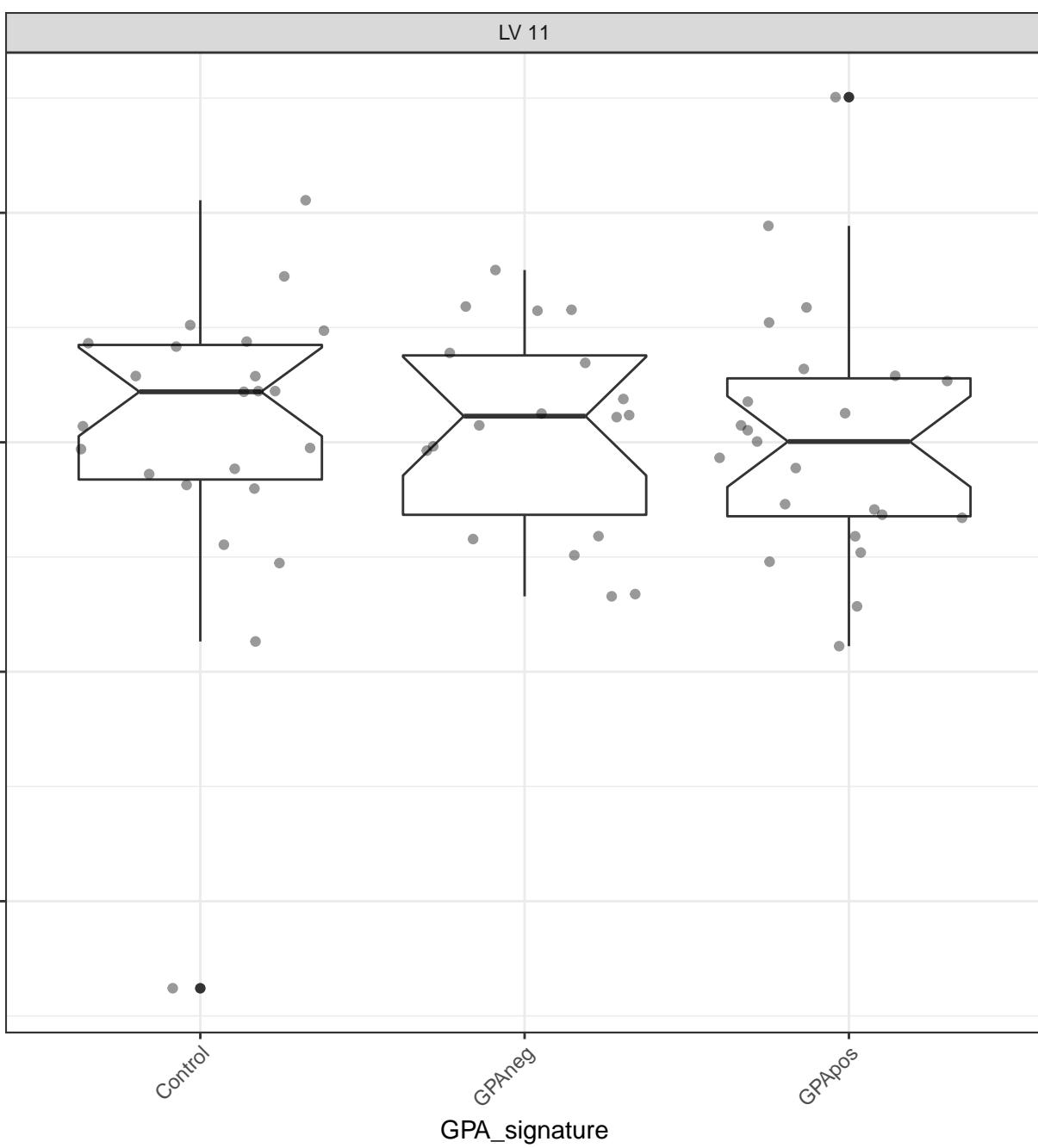
-0.10

Control

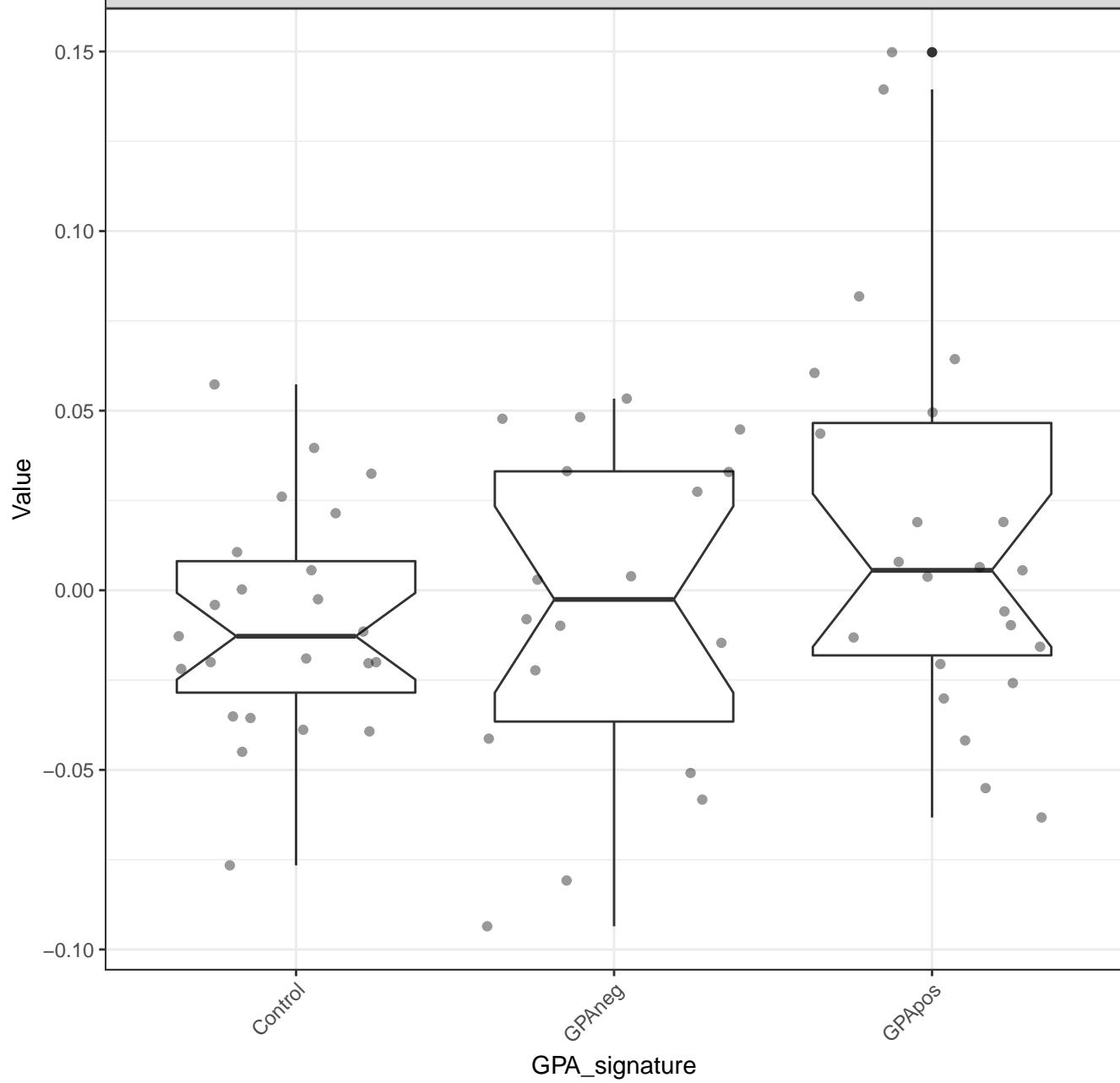
GPAneg

GPAPos

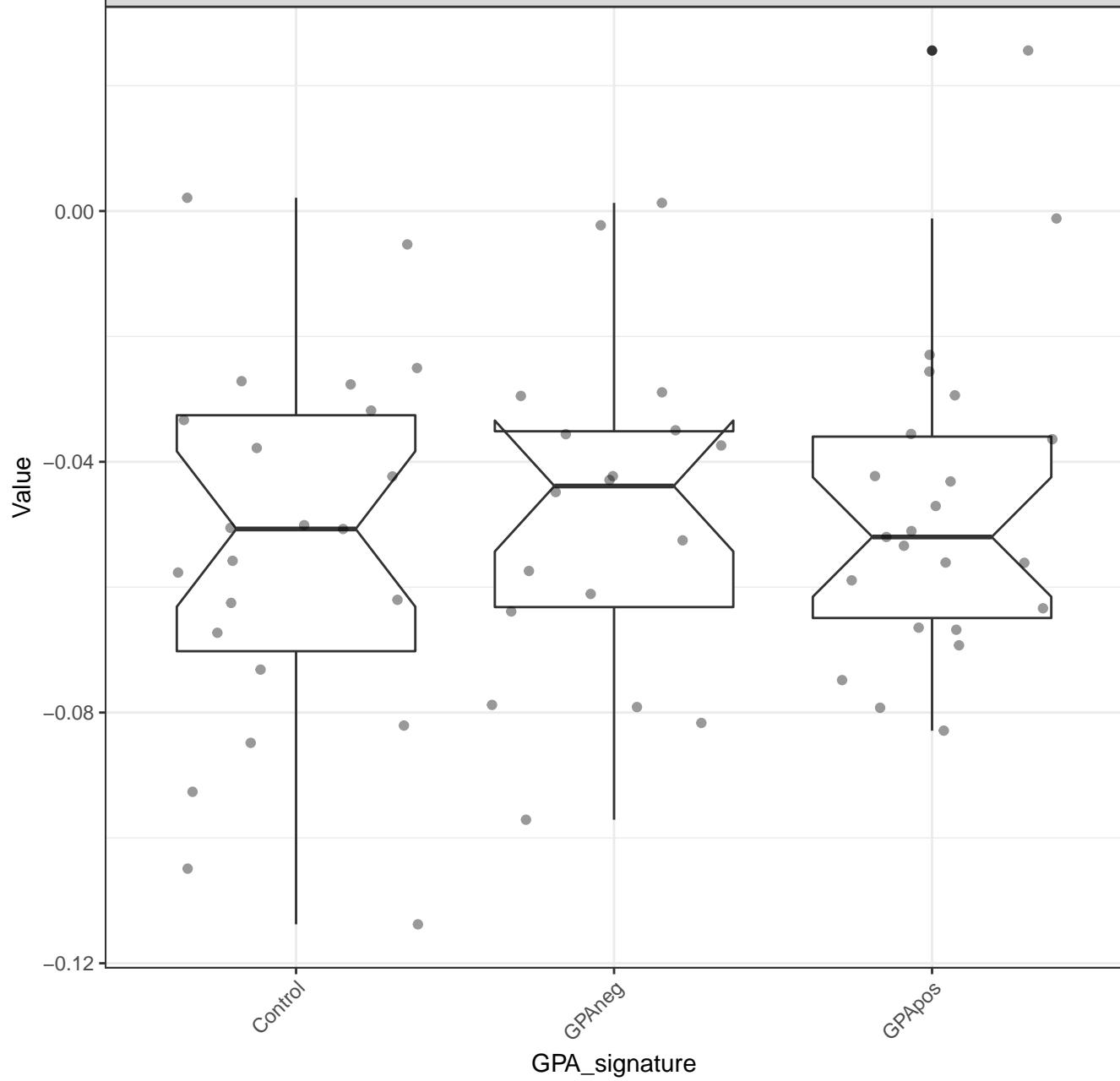
GPA_signature



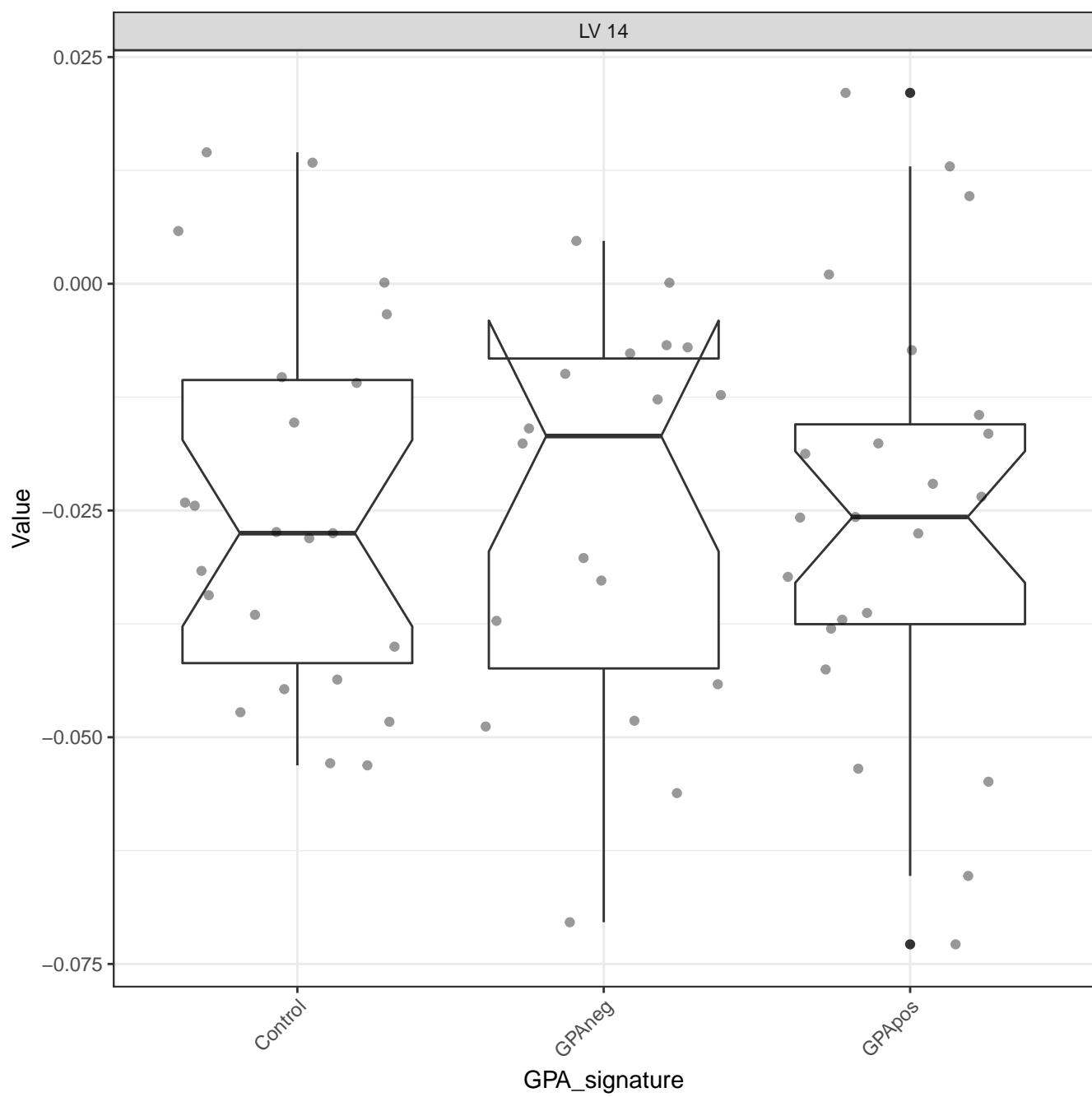
12,DMAP_MEGA2



13,REACTOME_GLUCOSE_METABOLISM



LV 14



LV 15

Value

0.00

-0.04

-0.08

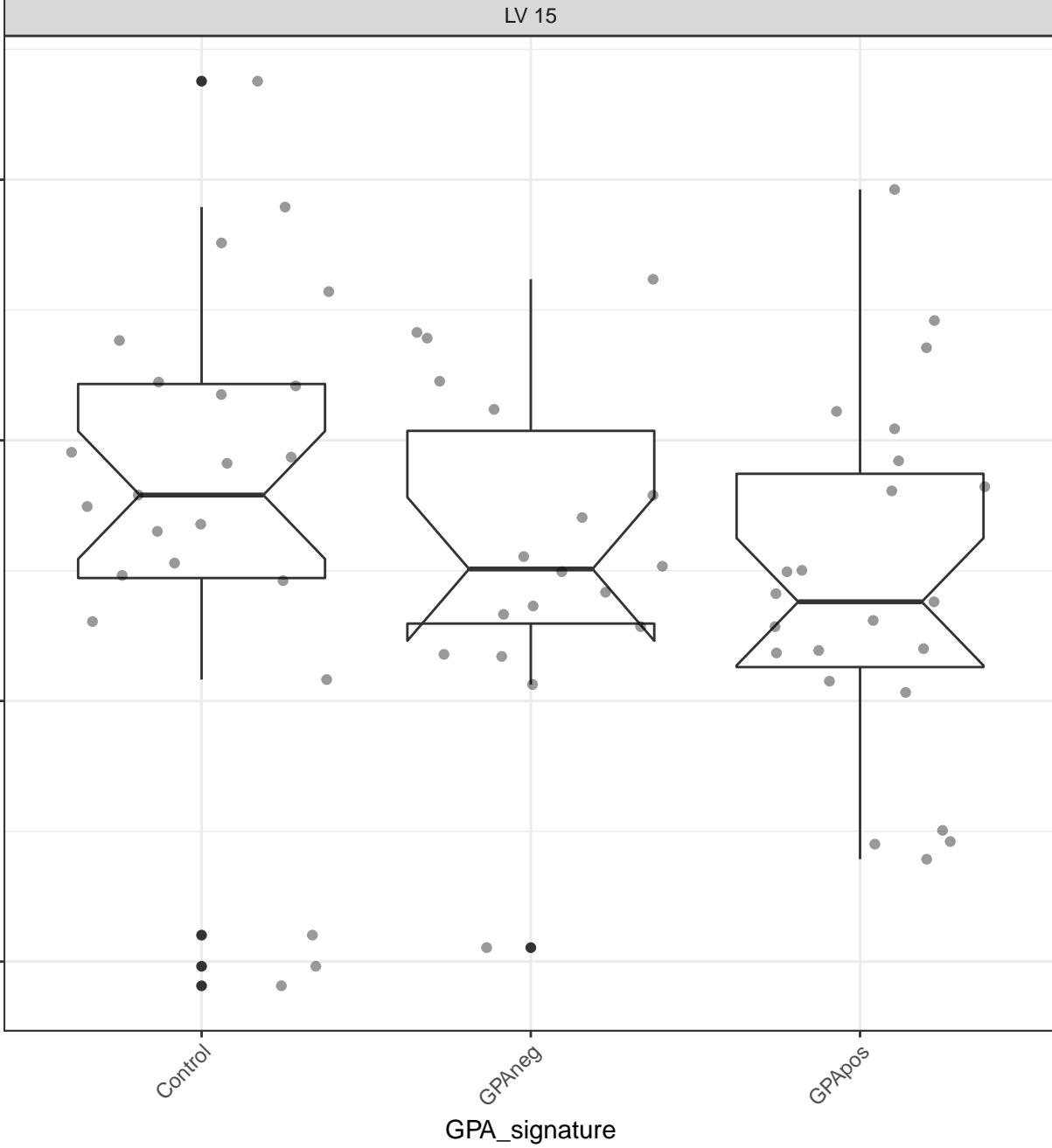
-0.12

Control

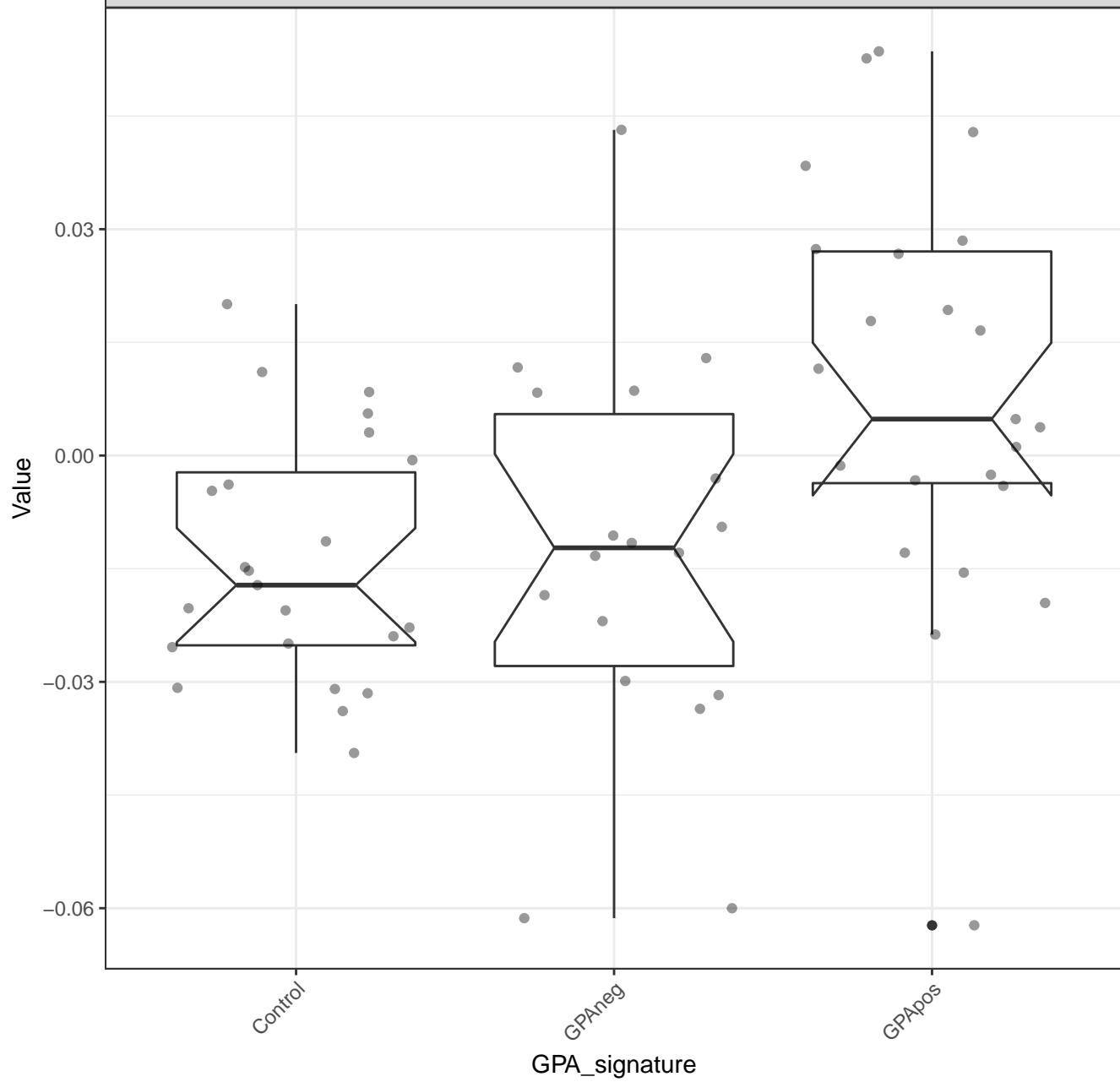
GPAneg

GPAPos

GPA_signature



LV 16



17,SVM NK cells resting

Value

0.15

0.10

0.05

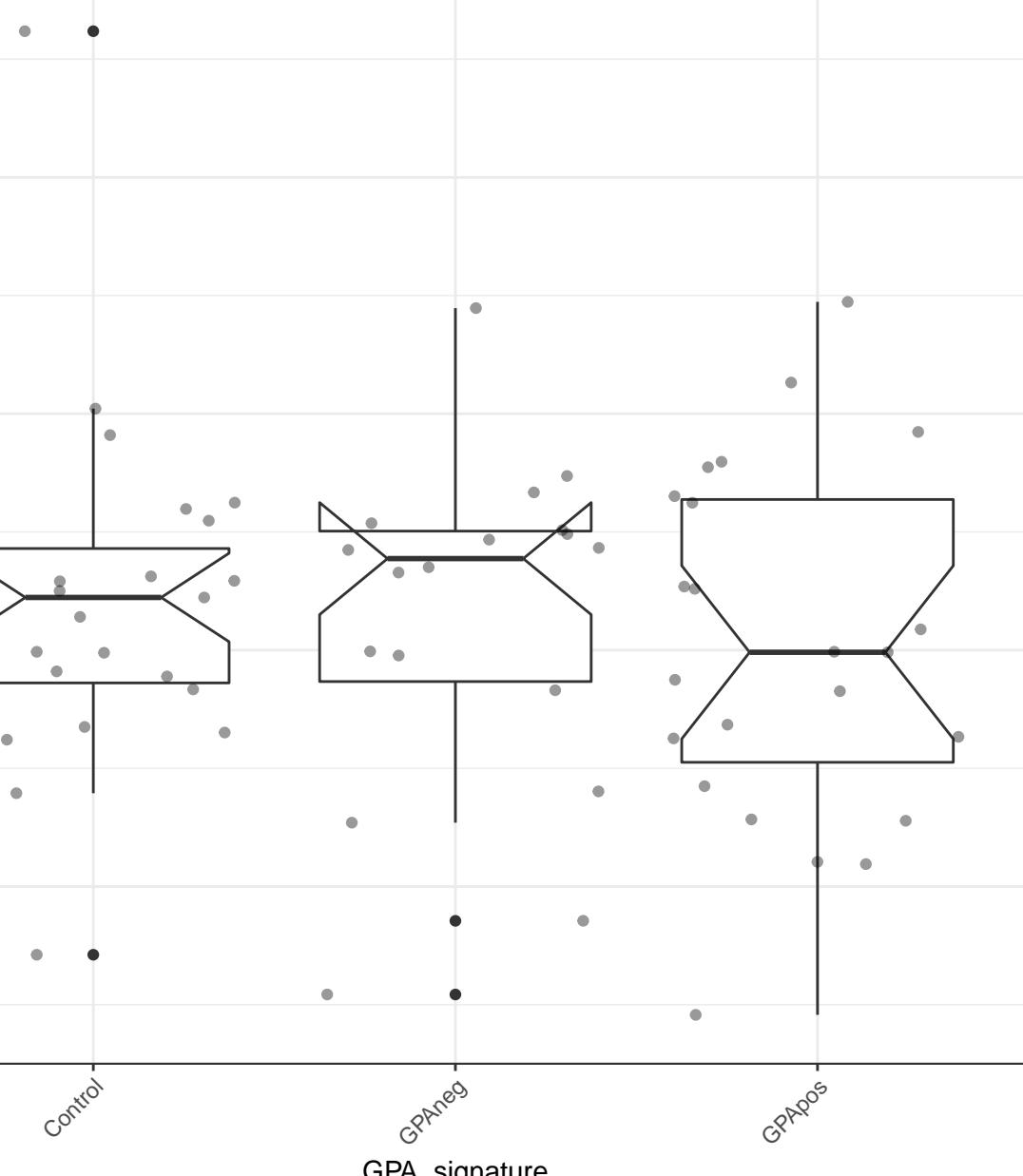
0.00

Control

GPA_signature

GPAneg

GPAPos



18,REACTOME_PHASE1_FUNCTIONALIZATION_OF_COMPOUNDS

Value

0.00

-0.05

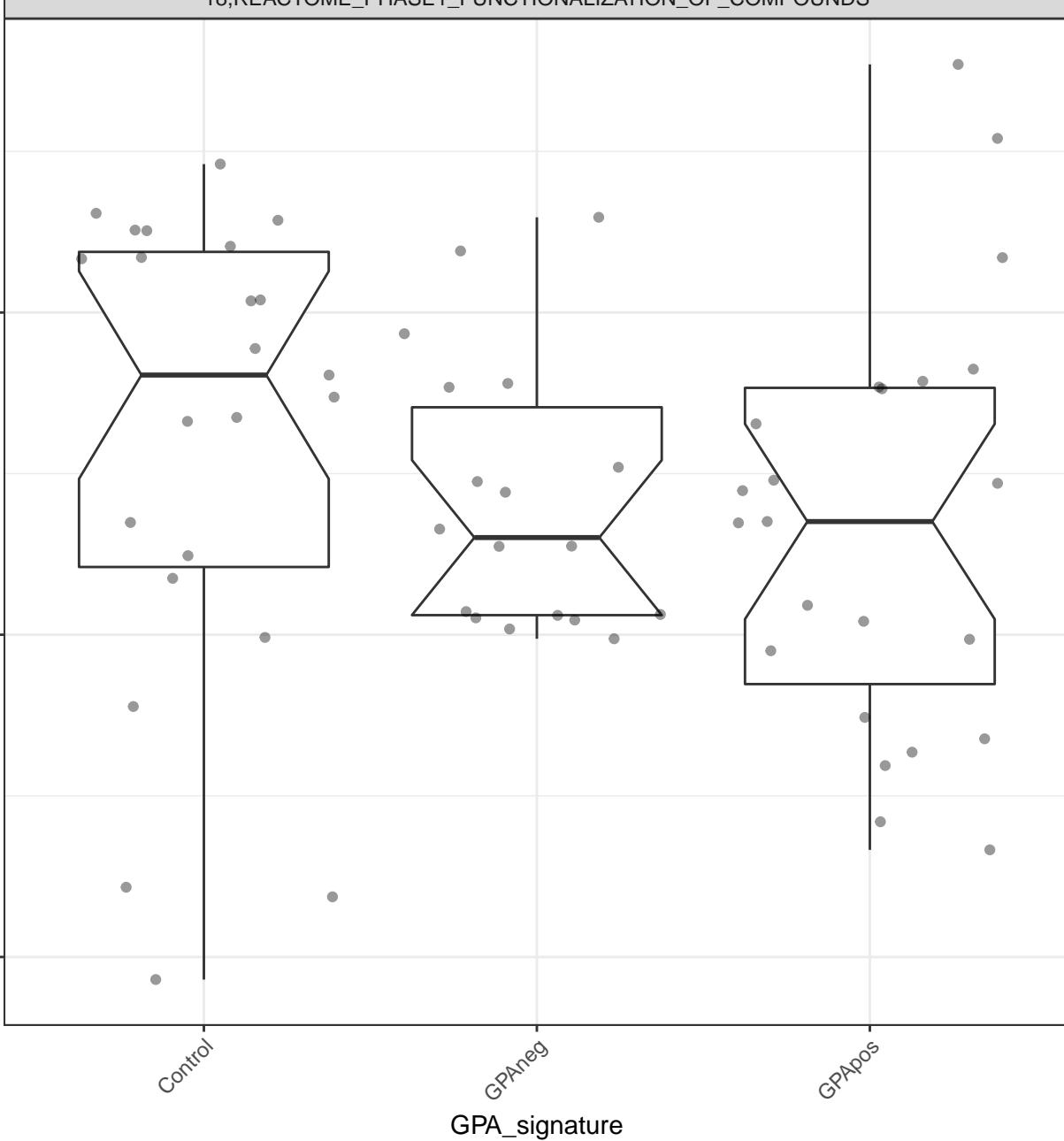
-0.10

Control

GPAneg

GPApos

GPA_signature



LV 19

Value

0.05

0.01

-0.05

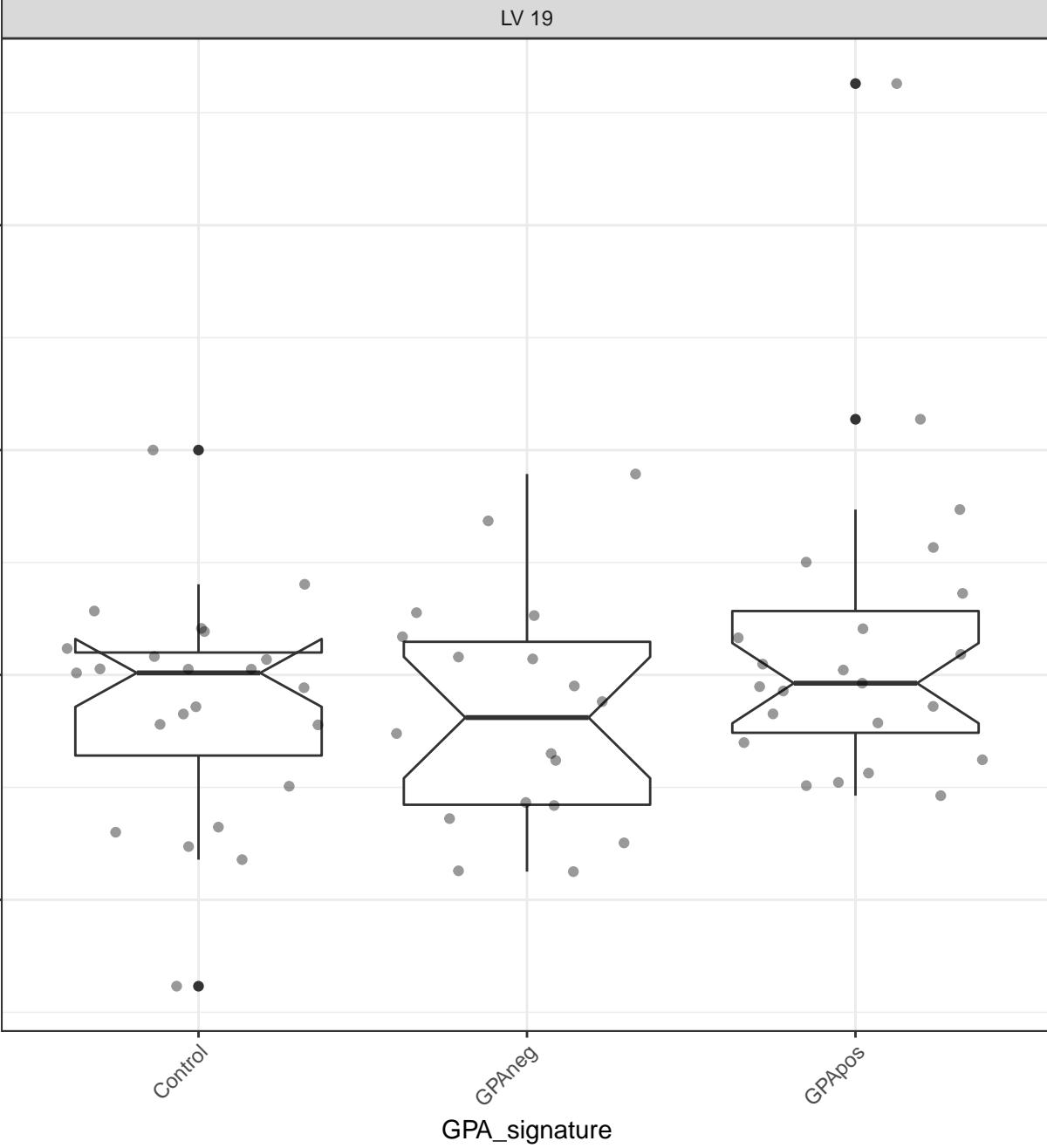
-0.10

Control

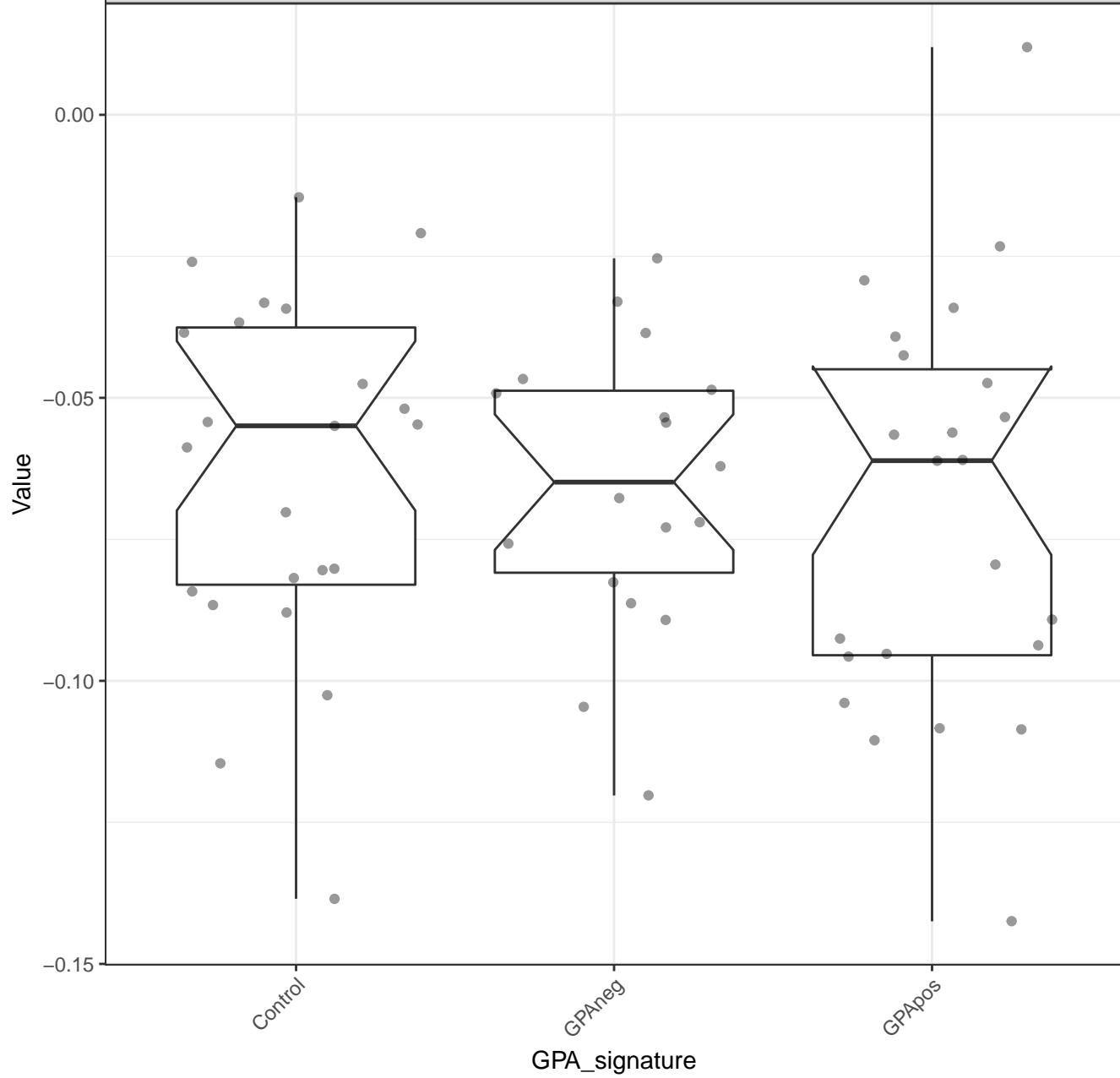
GPAneg

GPApos

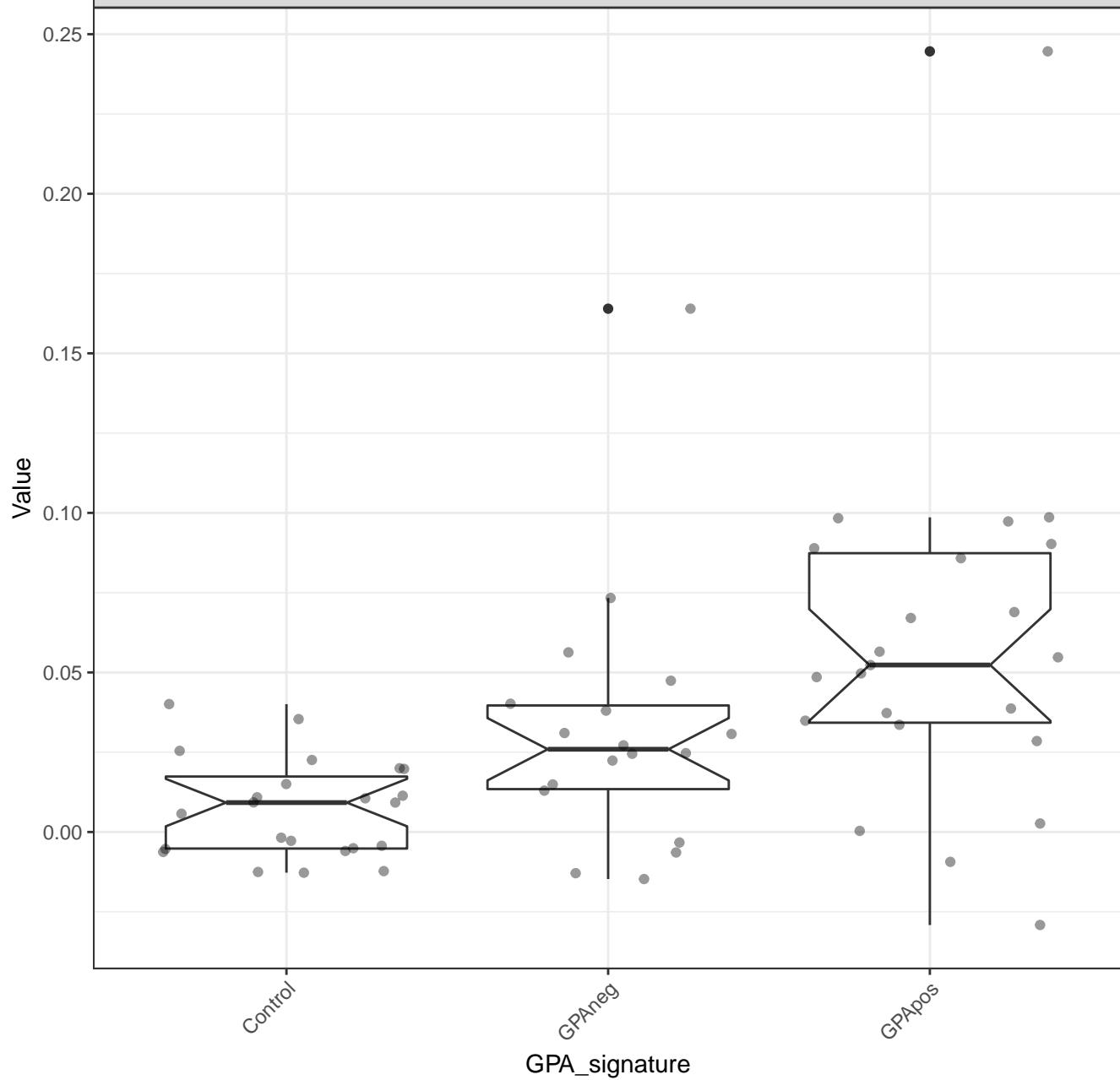
GPA_signature



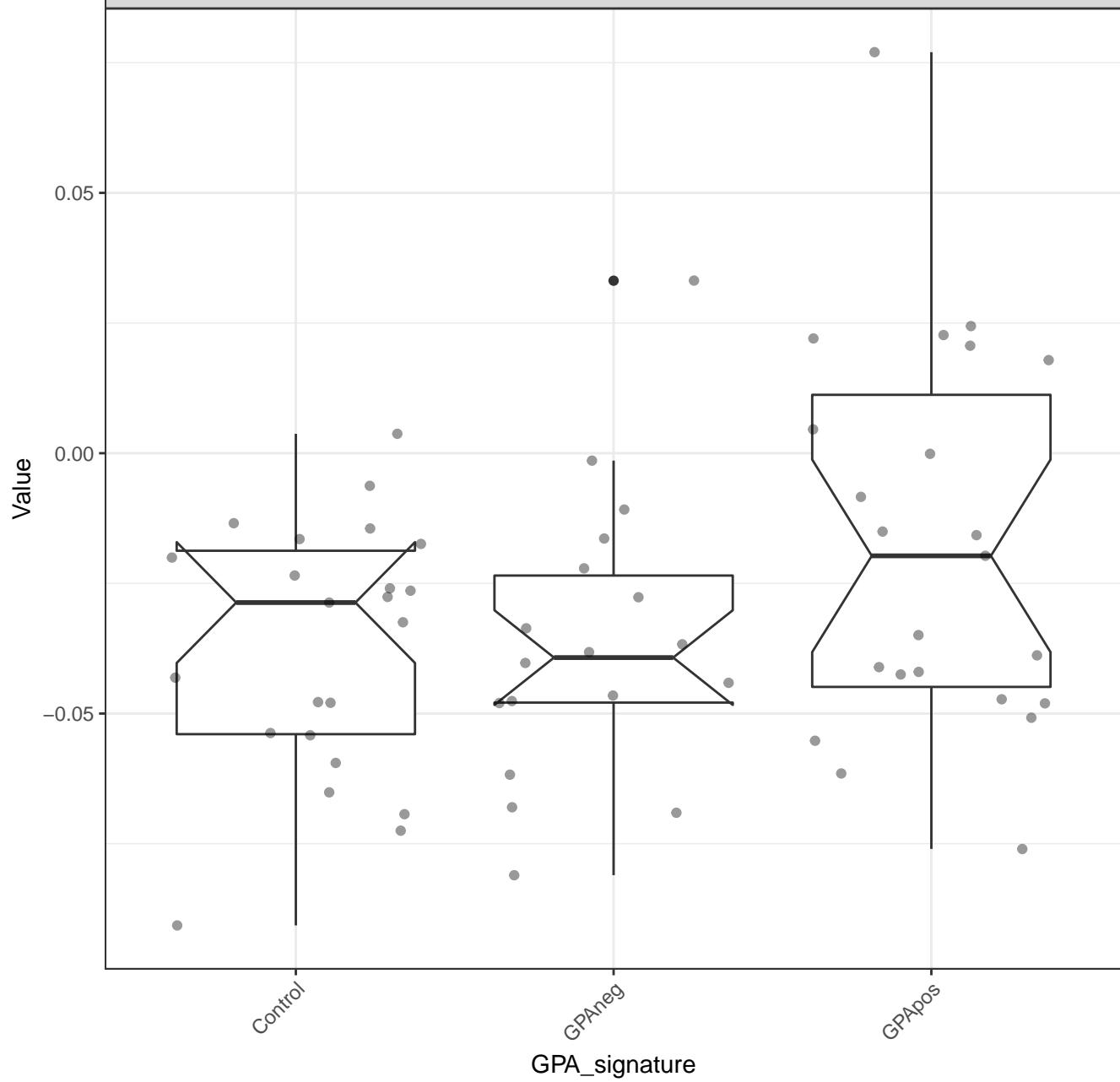
20,KEGG_NEUROACTIVE_LIGAND_RECEPTOR_INTERACTION



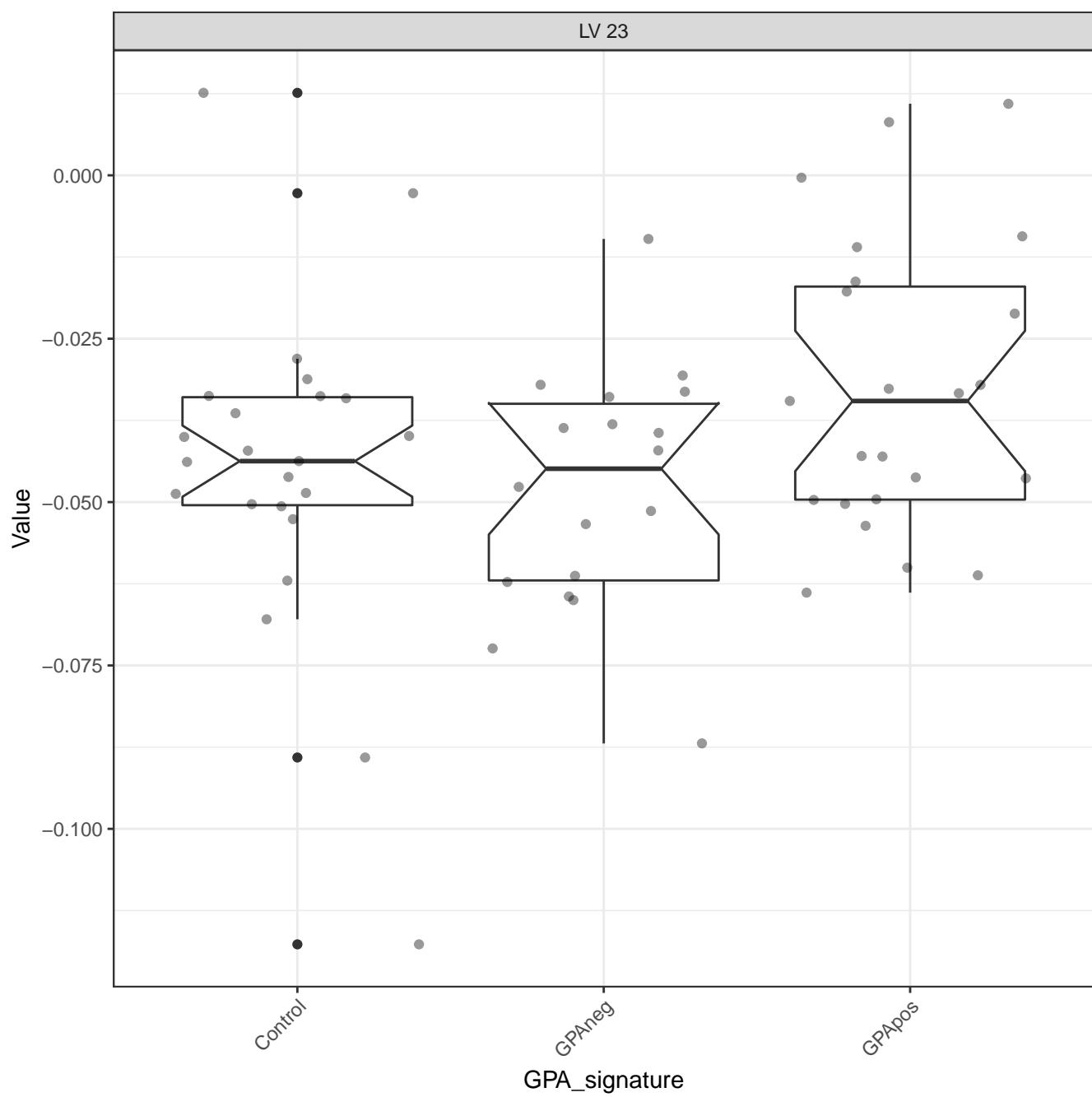
LV 21



22,KEGG_PPAR_SIGNALING_PATHWAY



LV 23



24,PID_DELTANP63PATHWAY

Value

0.05

0.01

-0.05

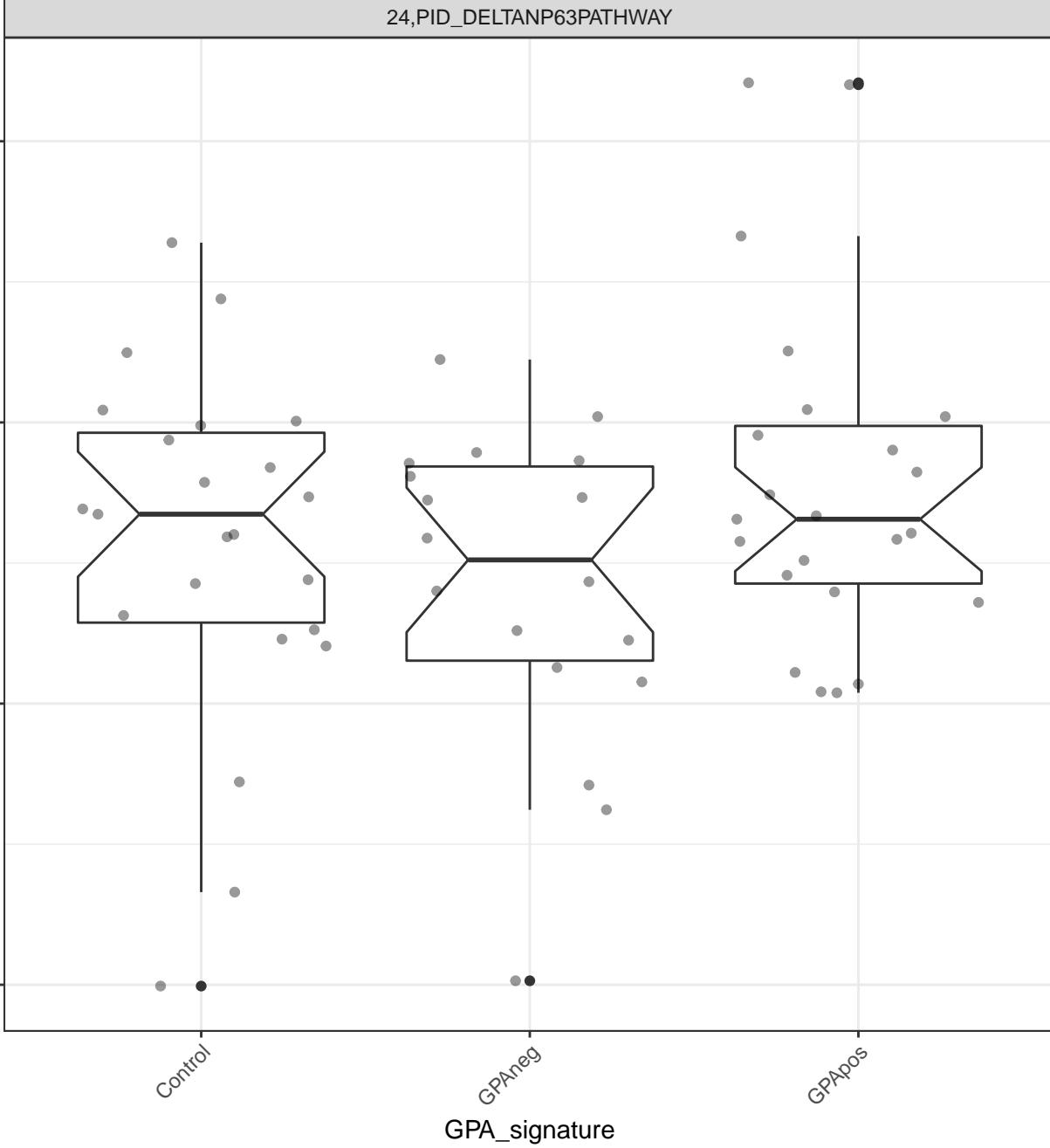
-0.10

Control

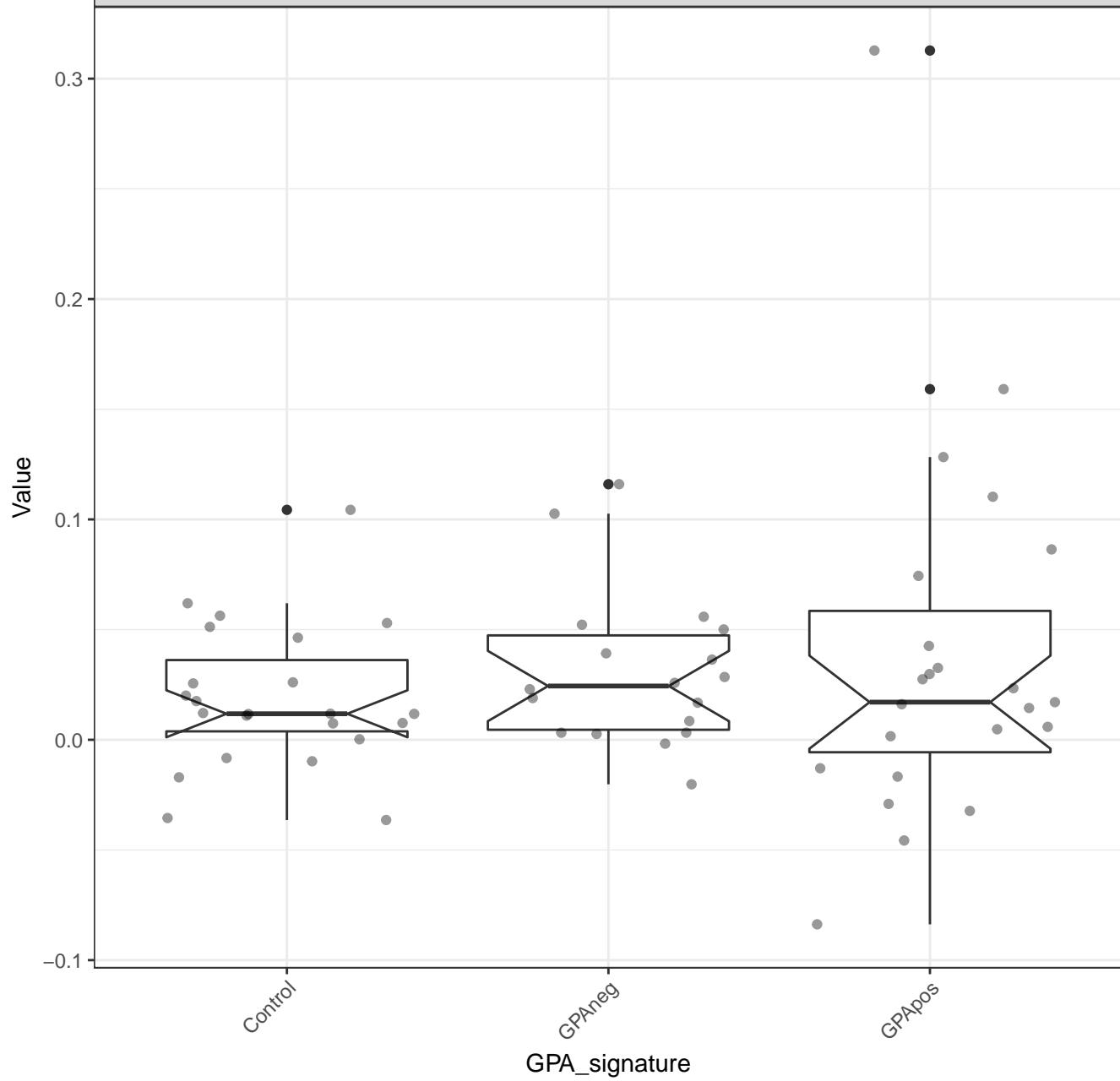
GPA_signature

GPAneg

GPApos



25,SVM Macrophages M1



26,SVM Macrophages M2

Value

0.05

0.00

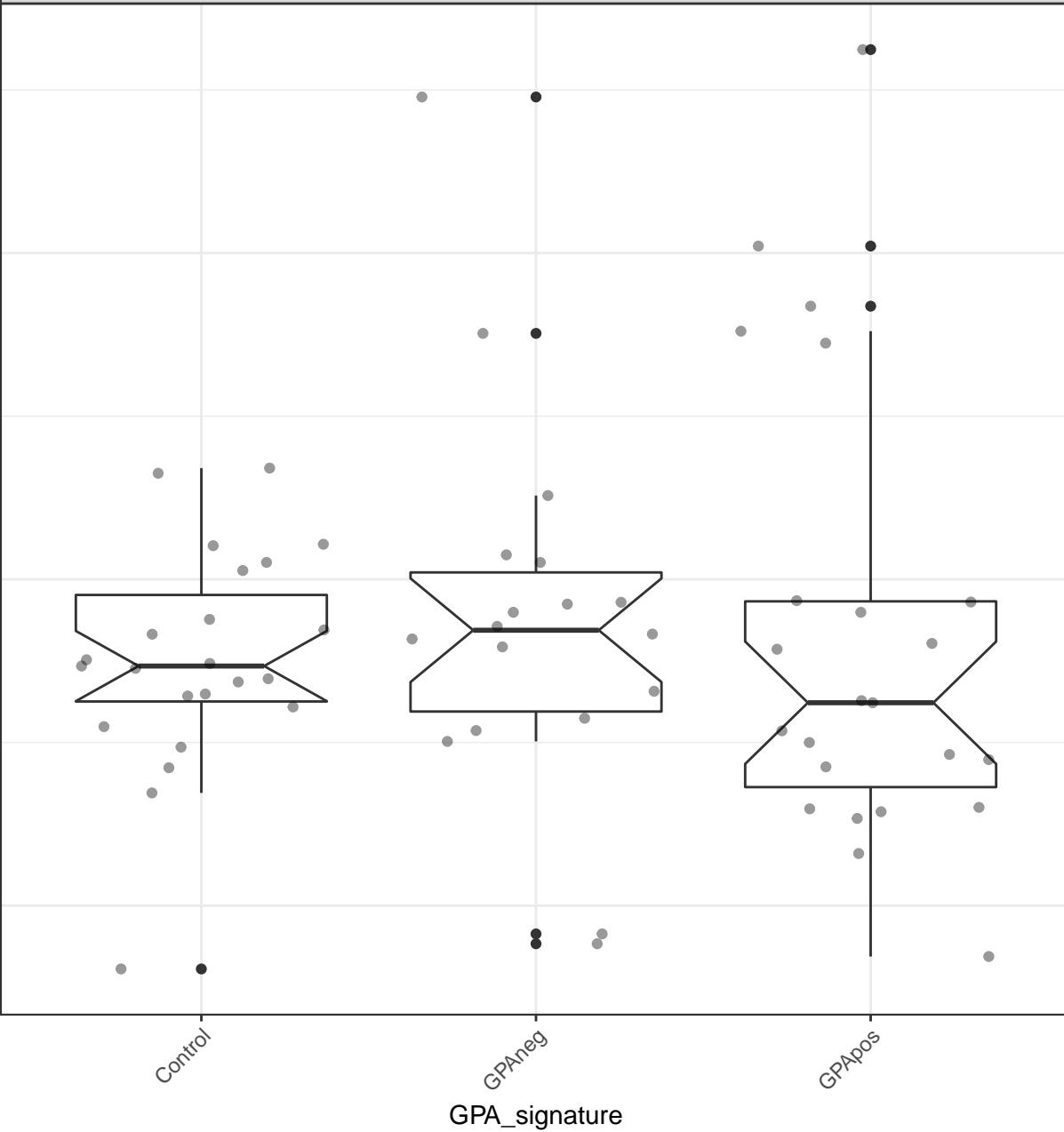
-0.05

Control

GPA_signature

GPAneg

GPAPos



27,REACTOME_CELL_JUNCTION_ORGANIZATION

Value

0.05

0.01

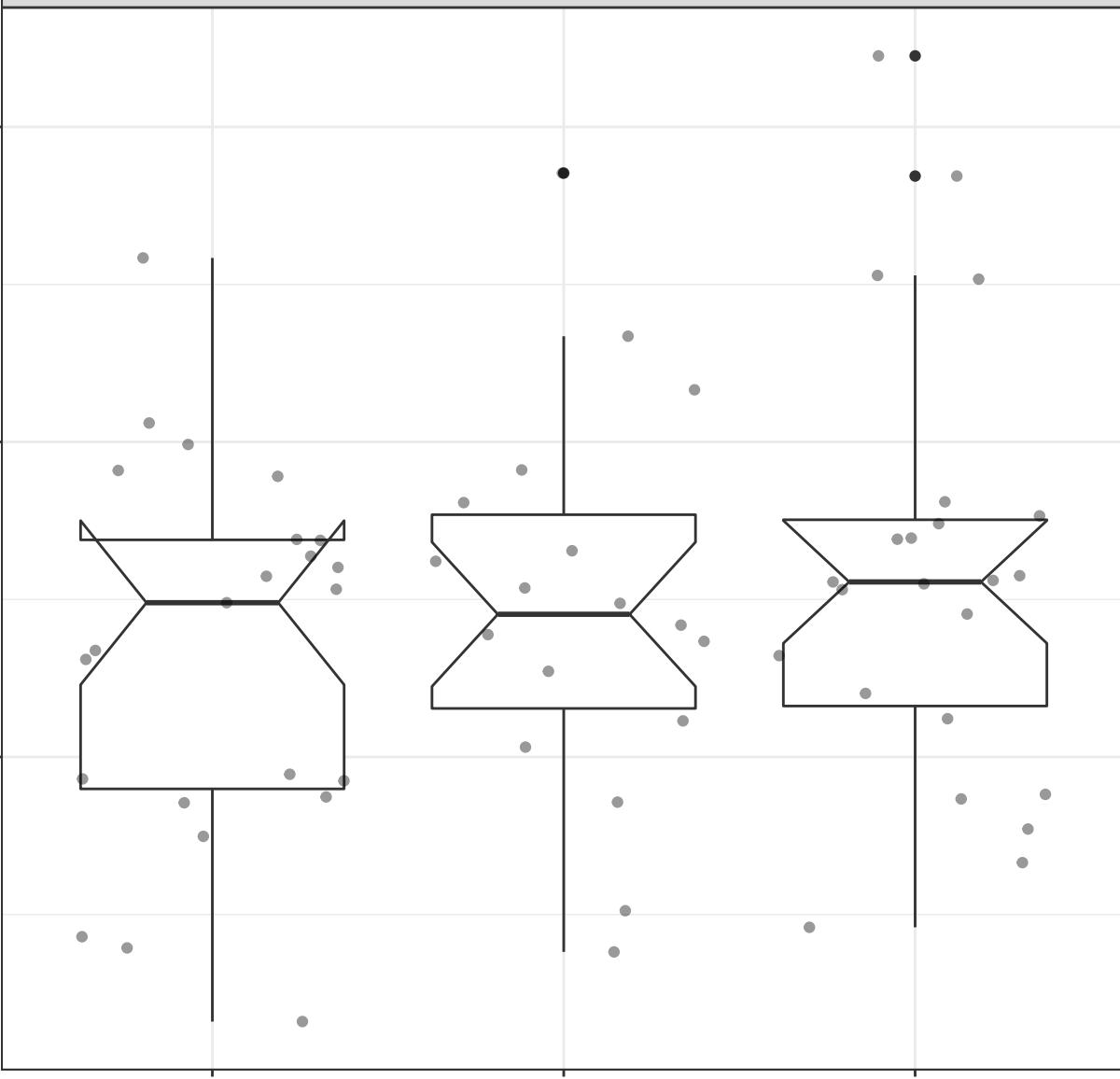
-0.05

Control

GPA_signature

GPAneg

GPAPos



LV 28

Value

0.05

0.01

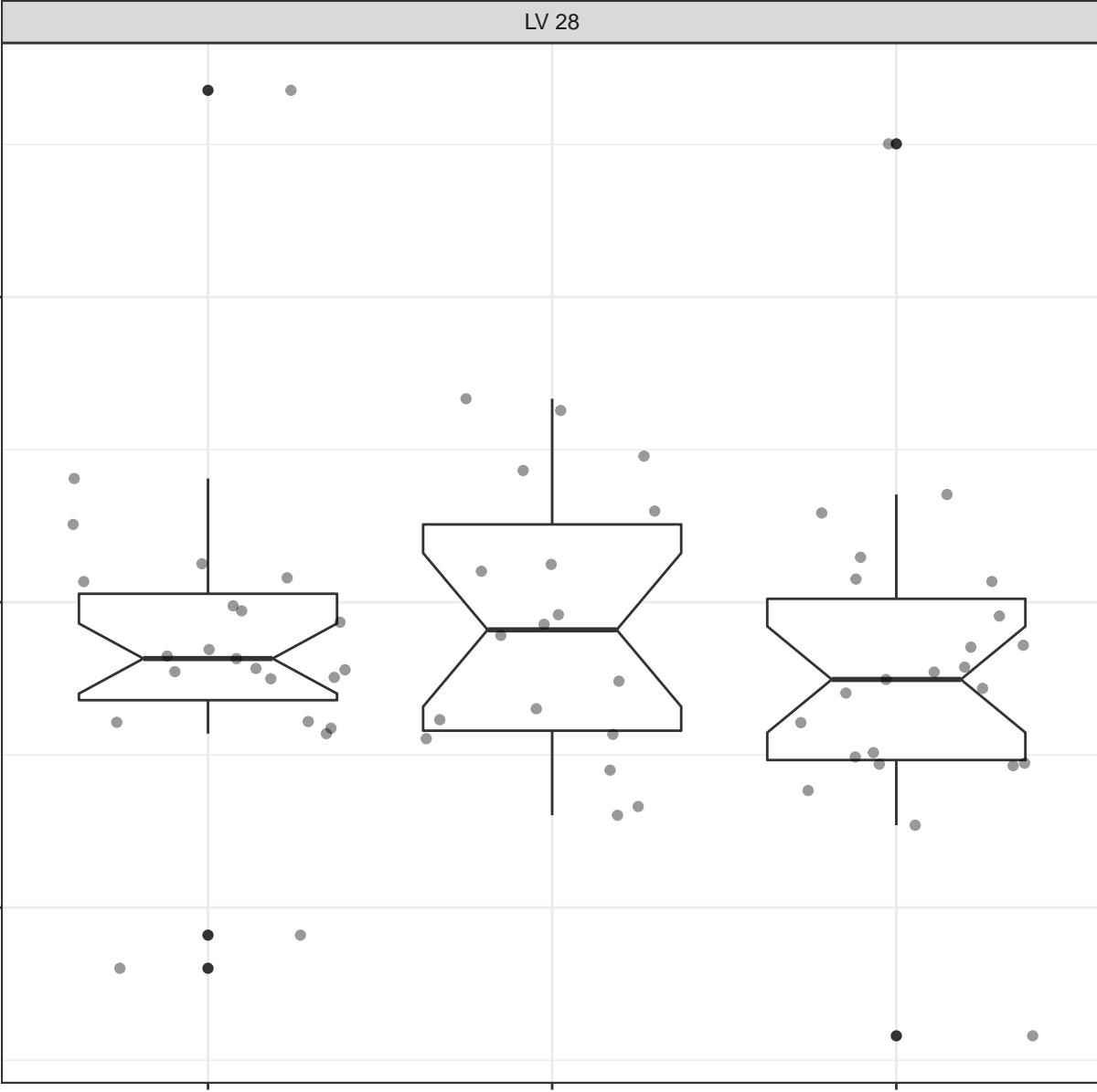
-0.05

Control

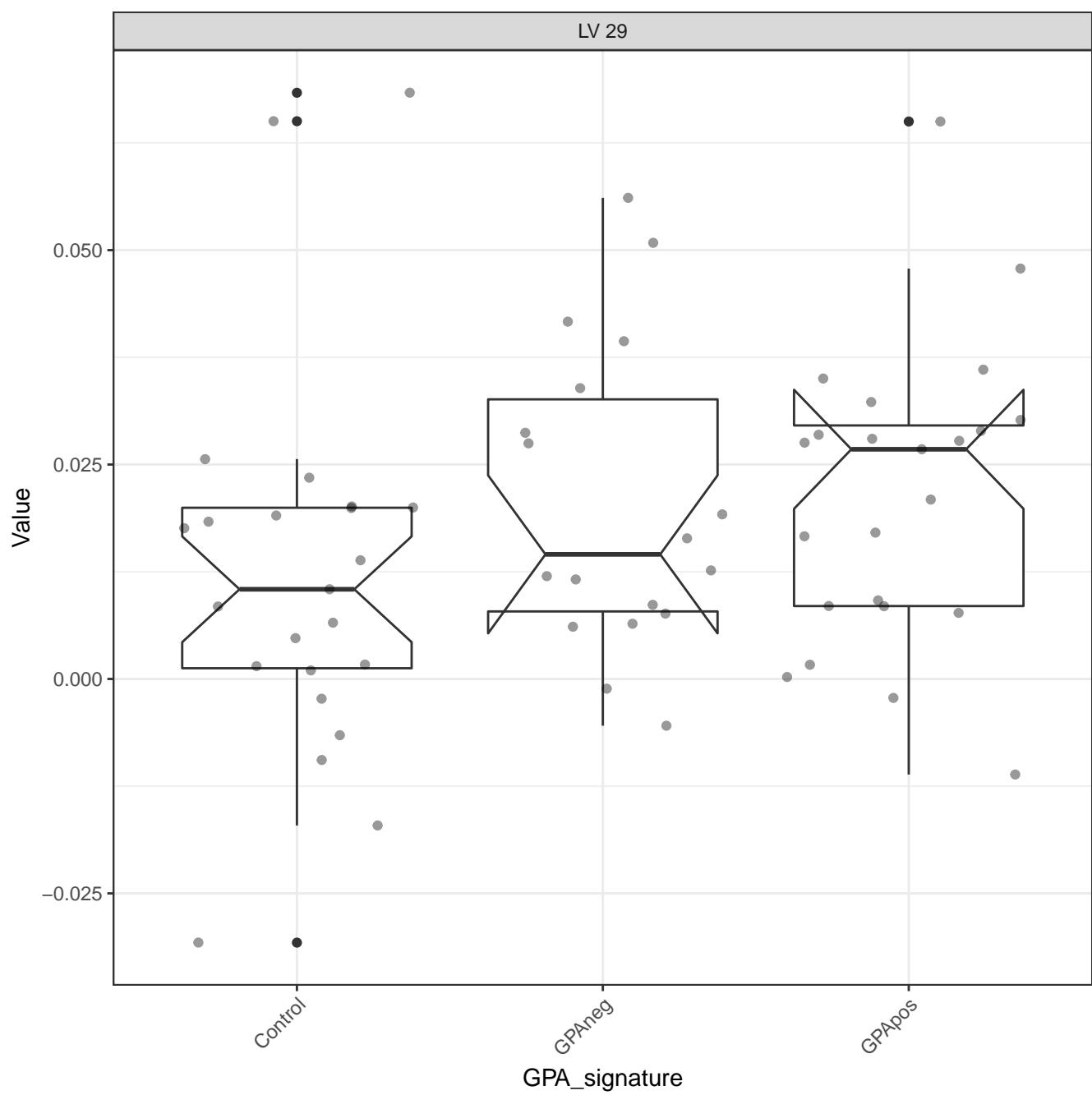
GPA_signature

GPAneg

GPApos



LV 29



30,DMAP_ERY3

Value

0.8

0.6

0.4

0.2

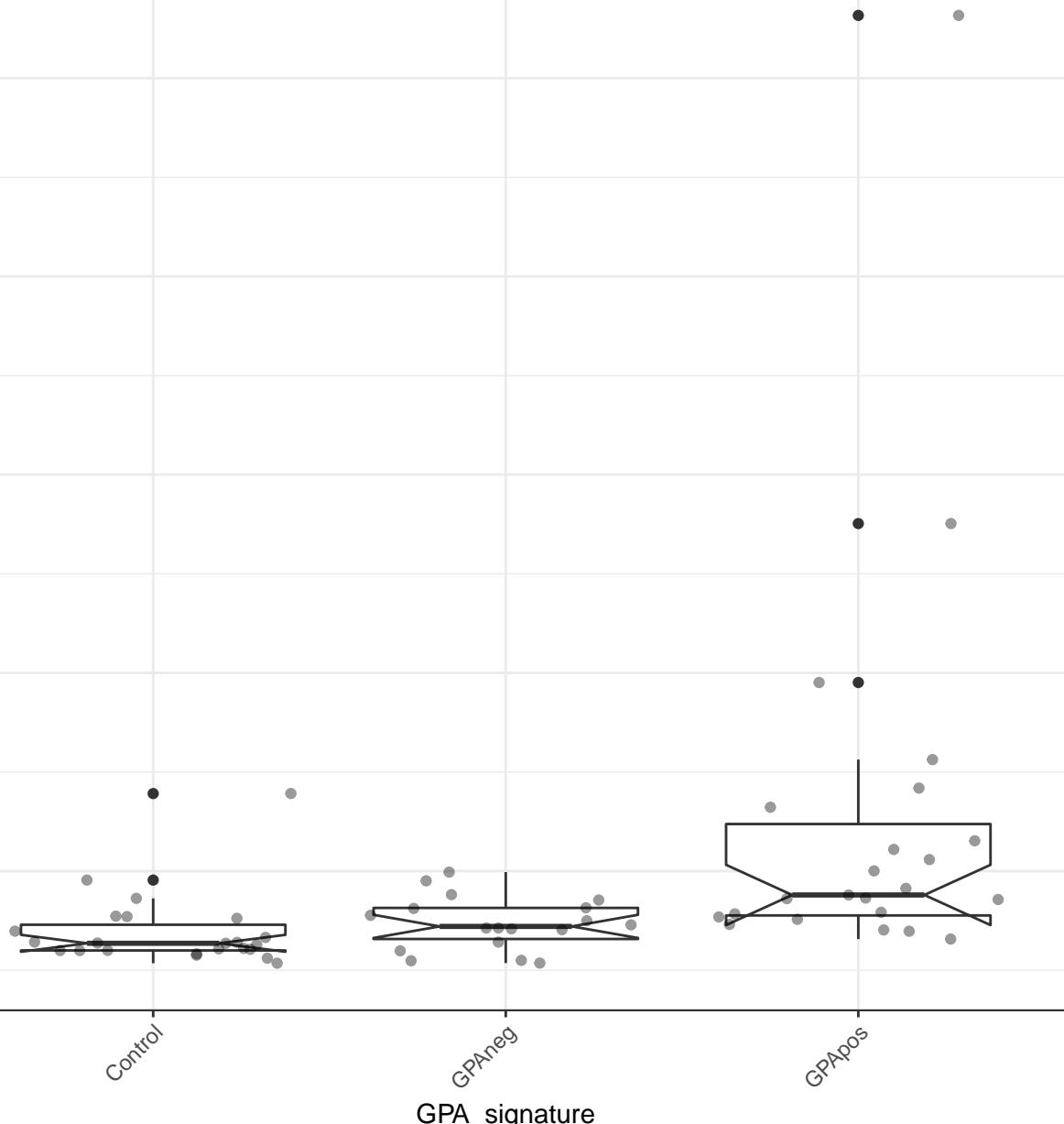
0.0

Control

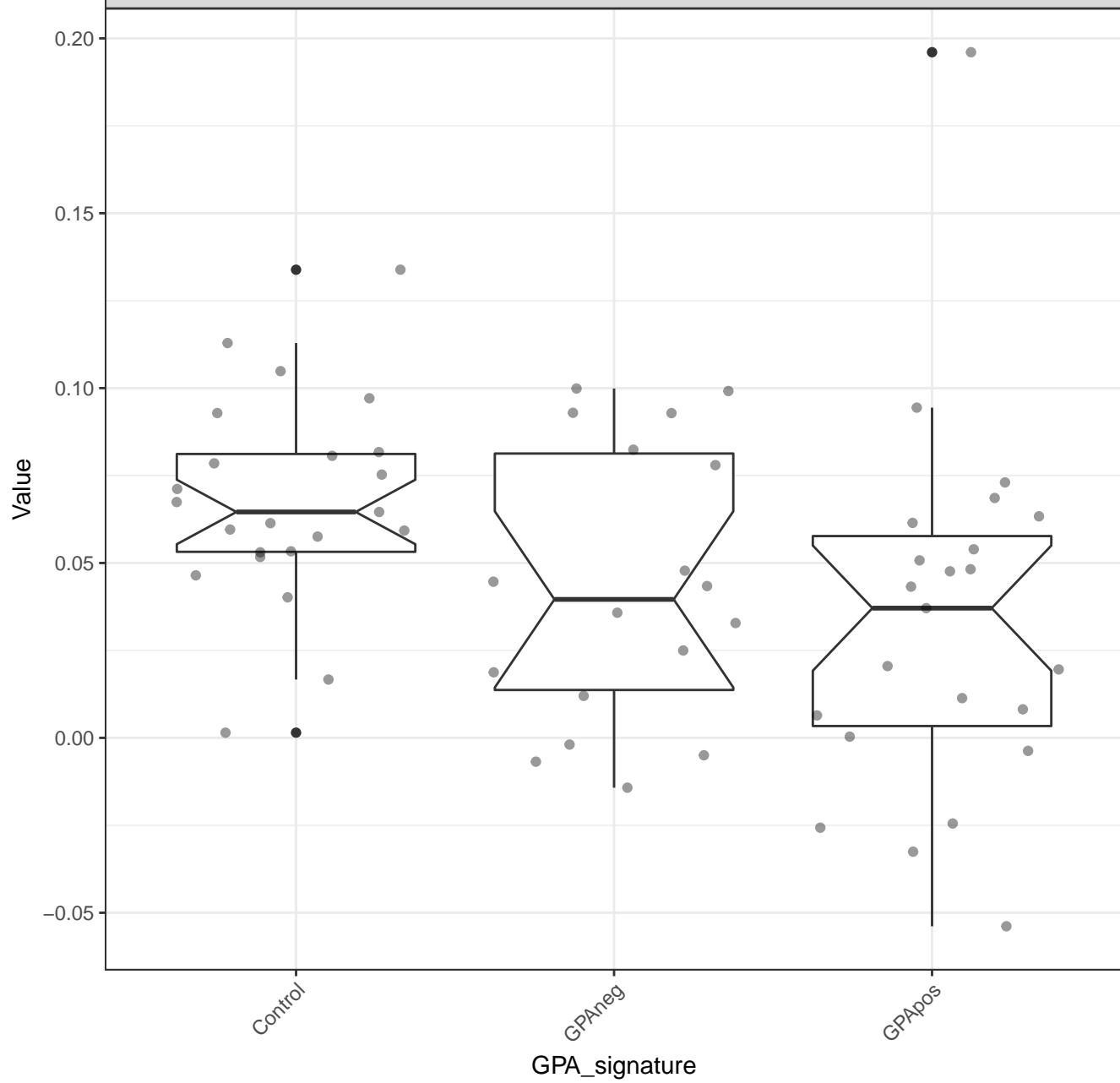
GPA_signature

GPAneg

GPAPos



31,SVM B cells naive



LV 32

Value

0.05

0.00

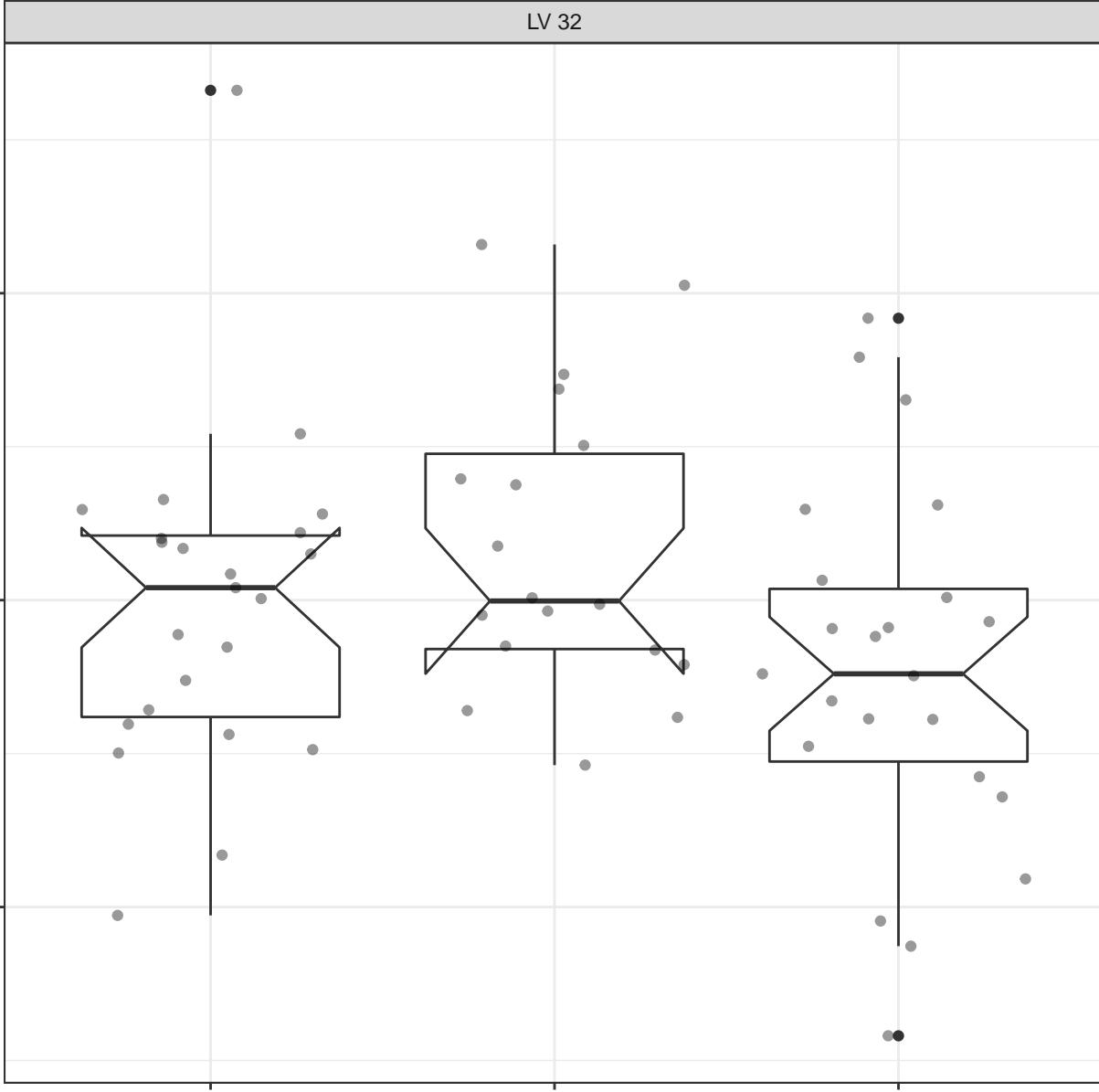
-0.05

Control

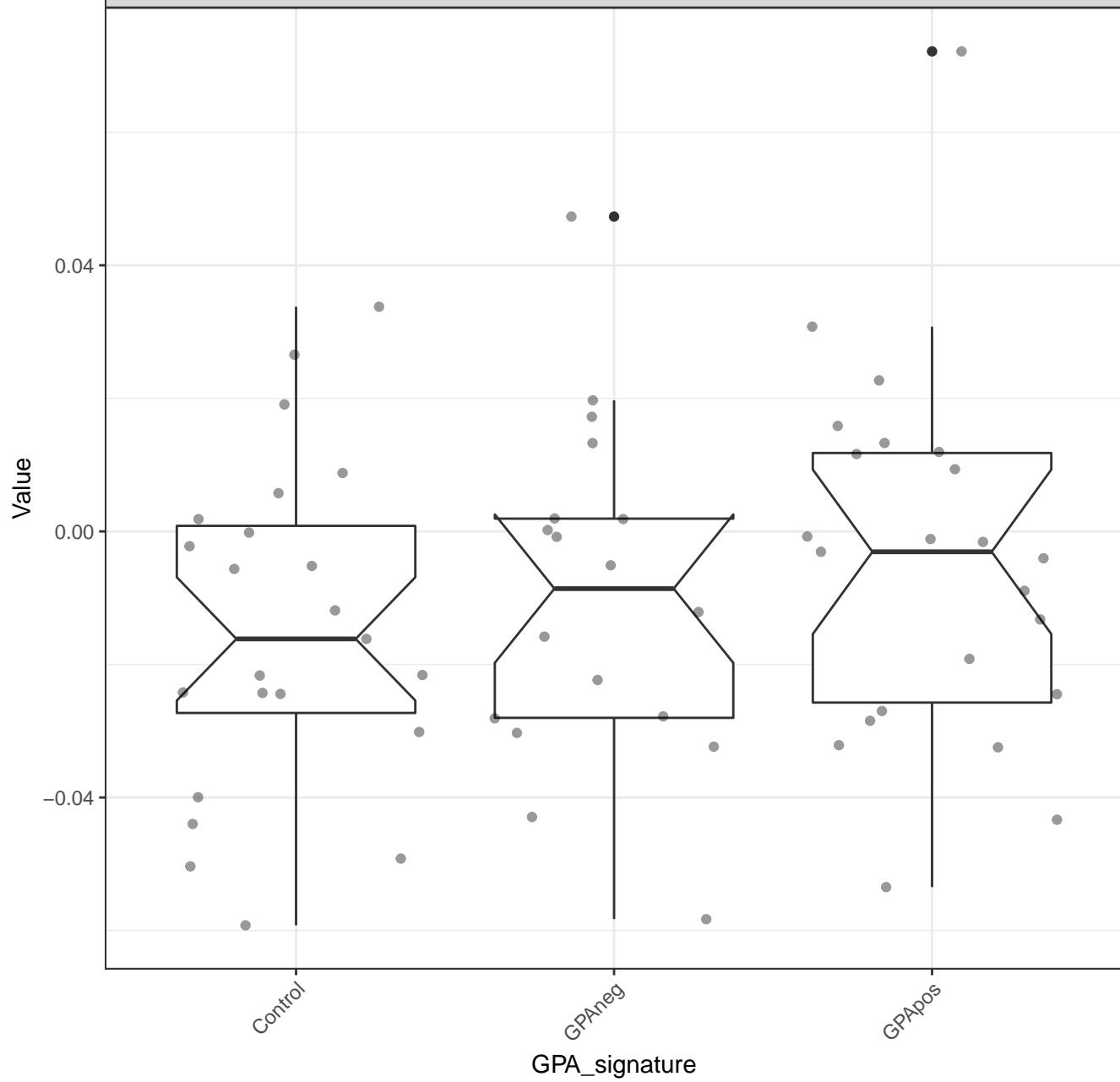
GPA_signature

GPAneg

GPAPos



LV 33



LV 34

Value

0.2

0.1

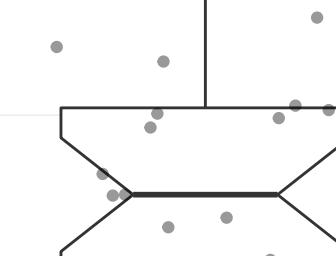
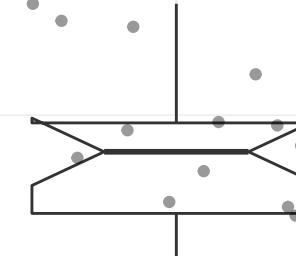
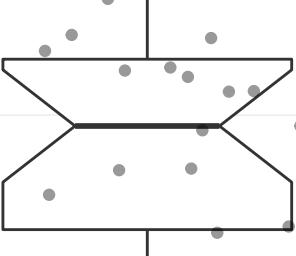
0.0

Control

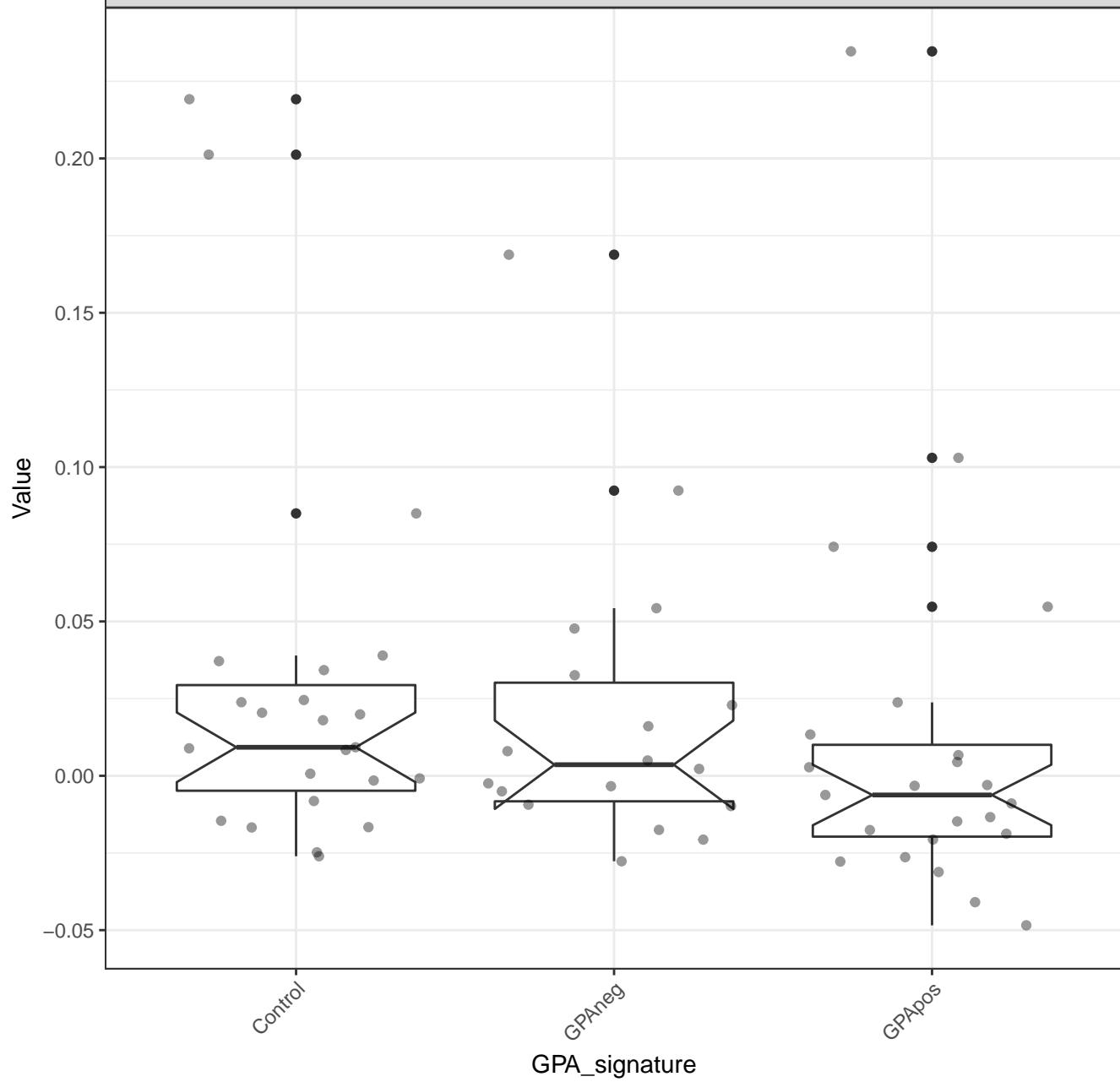
GPAneg

GPAPos

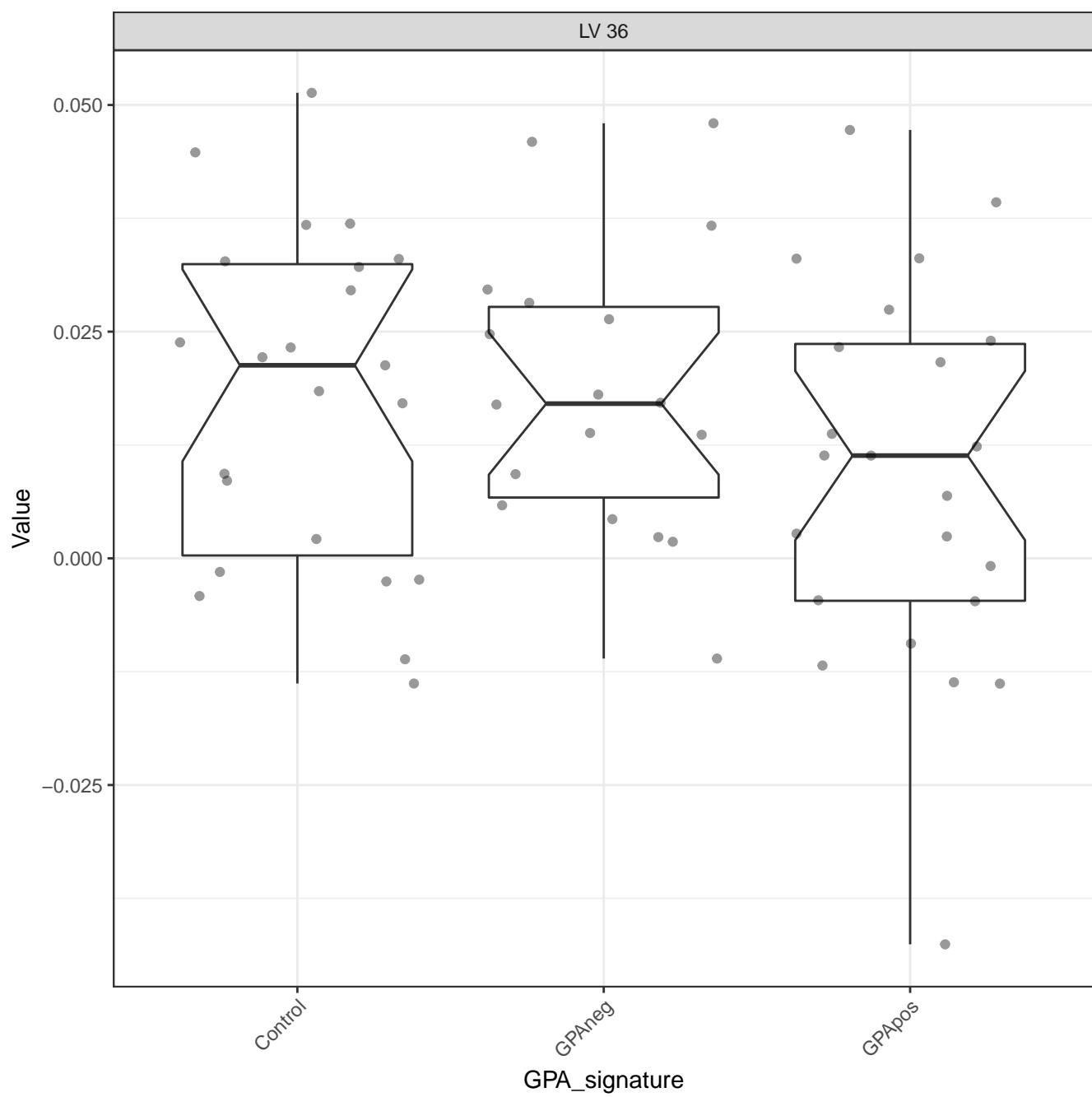
GPA_signature



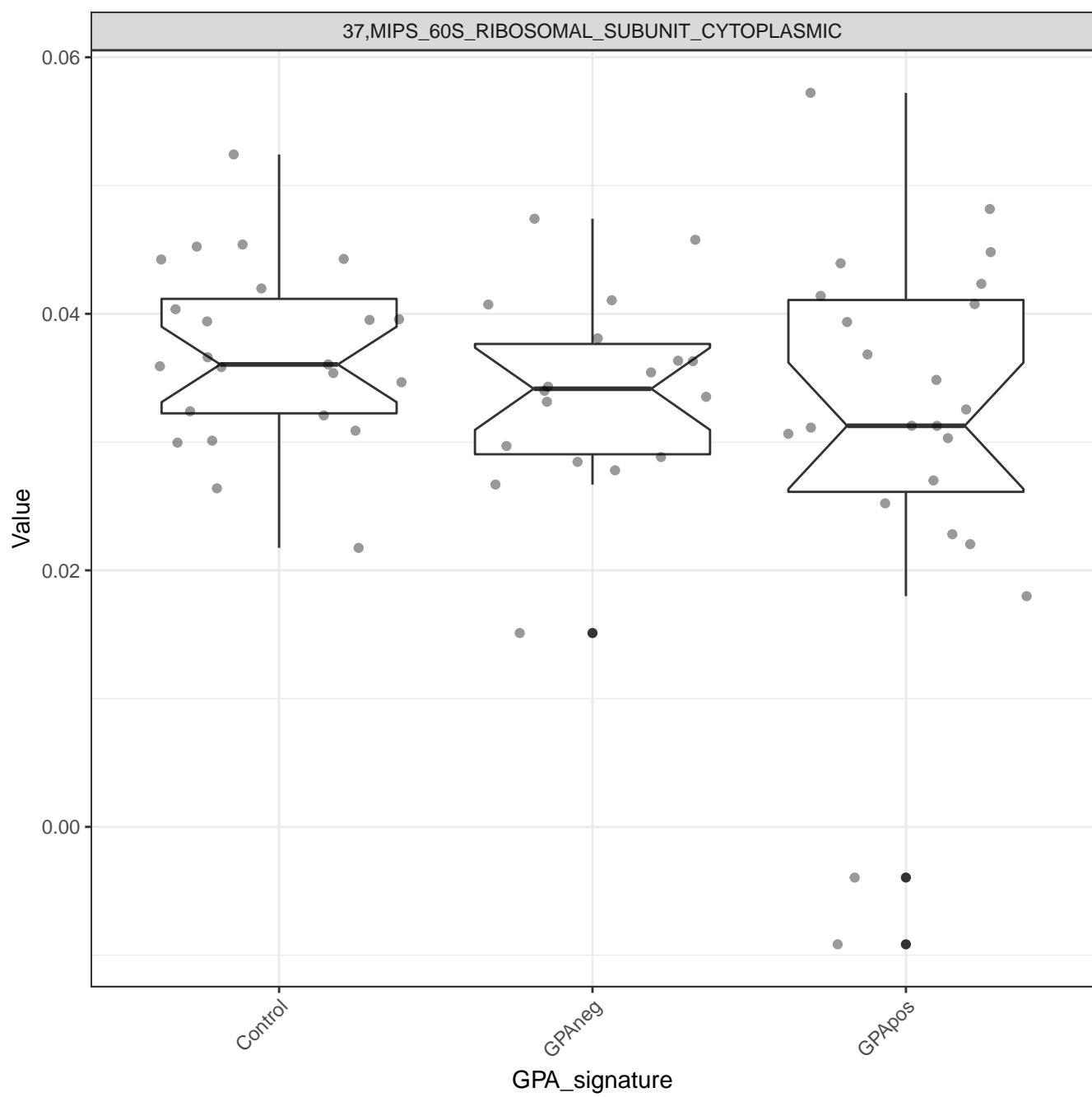
LV 35



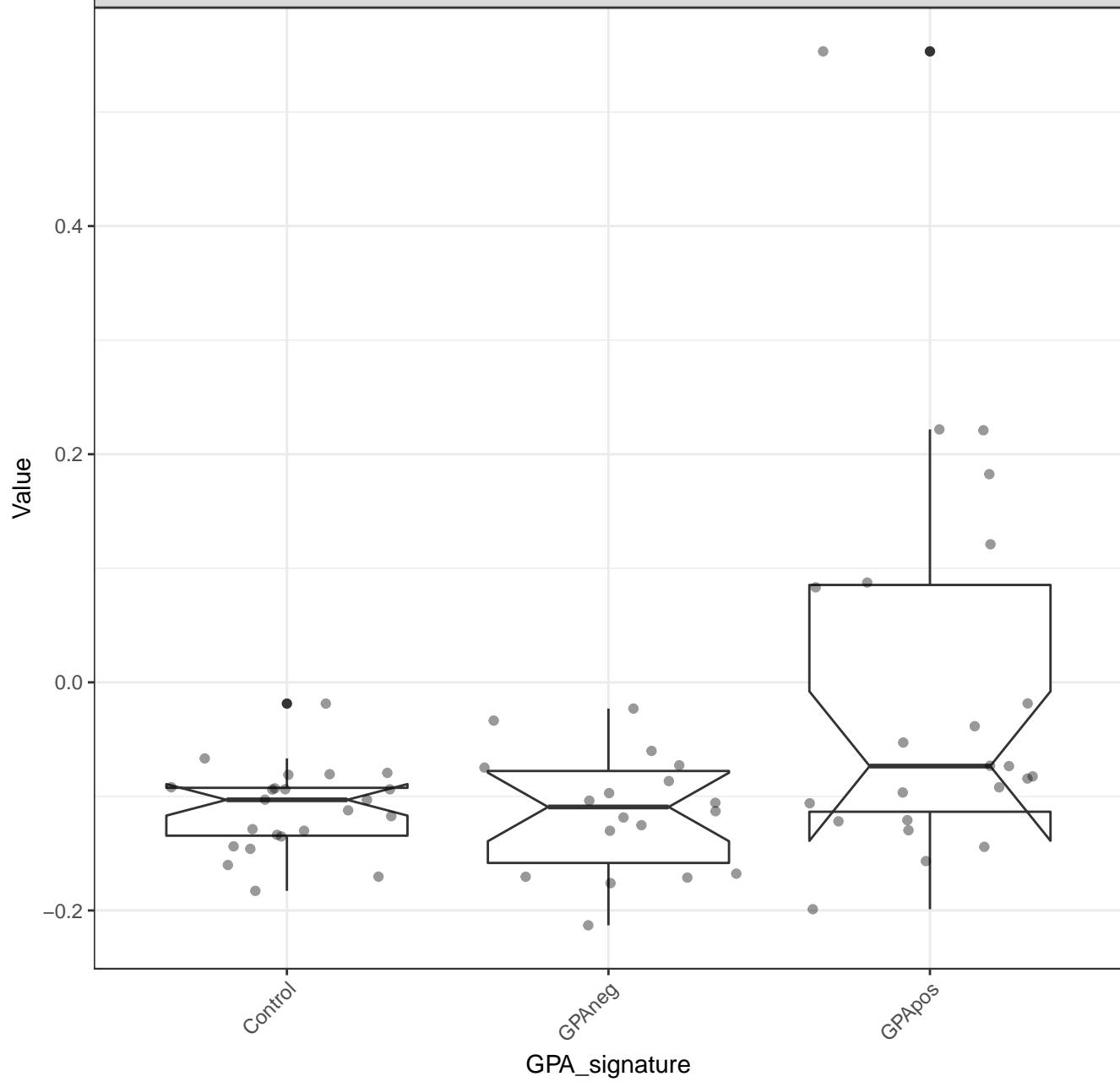
LV 36



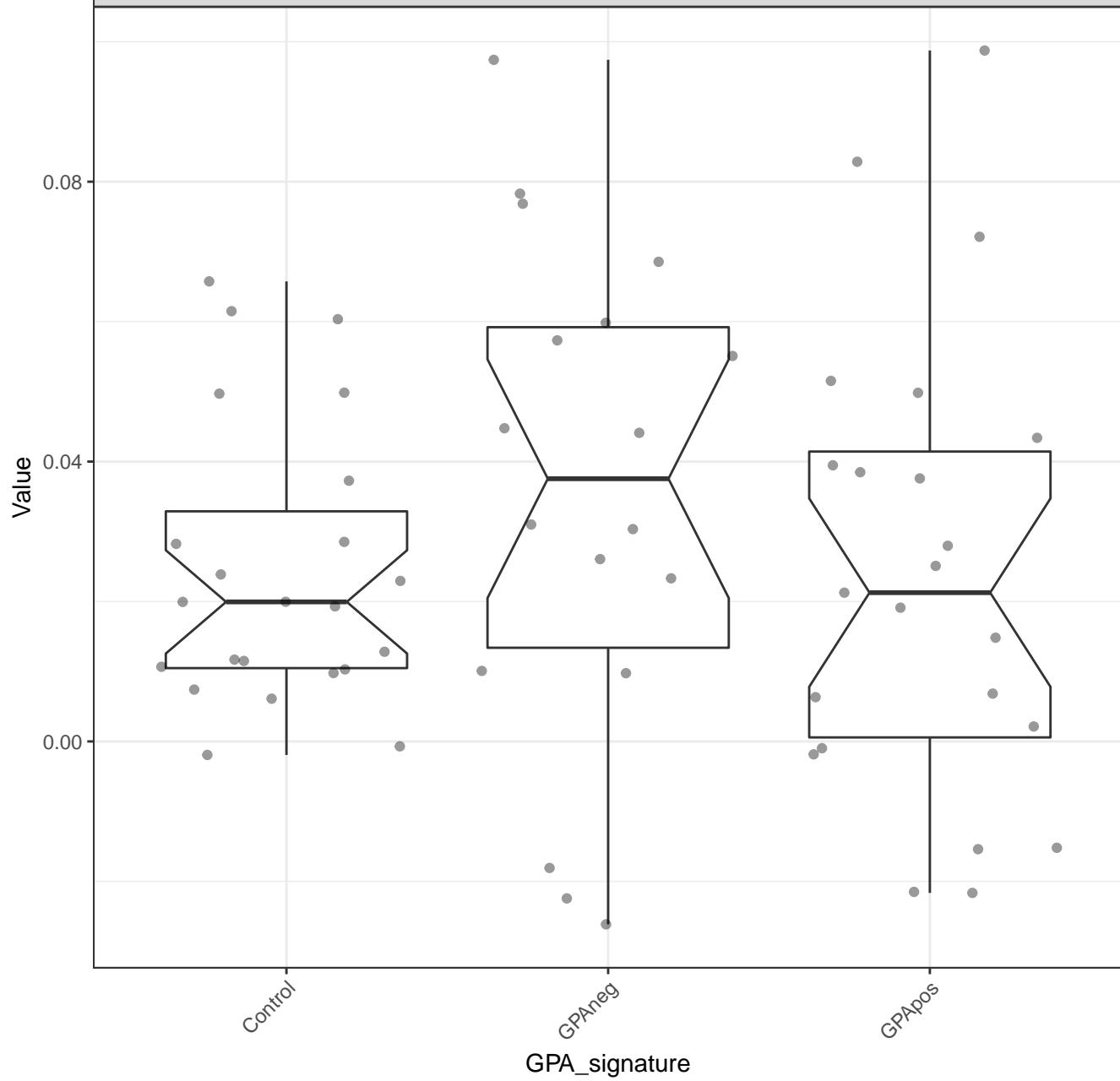
37,MIPS_60S_RIBOSOMAL_SUBUNIT_CYTOPLASMIC



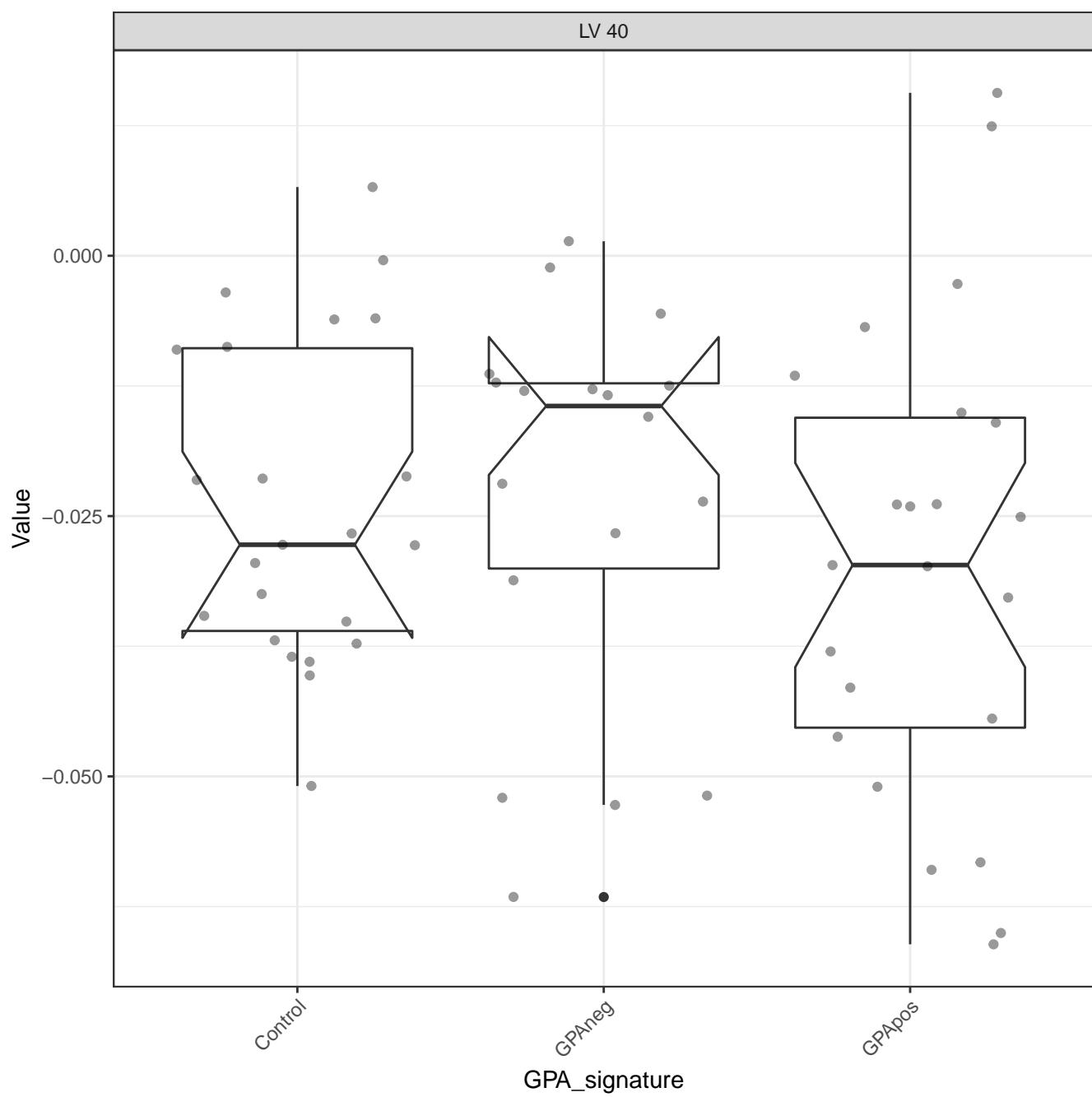
38,PID_PLK1_PATHWAY



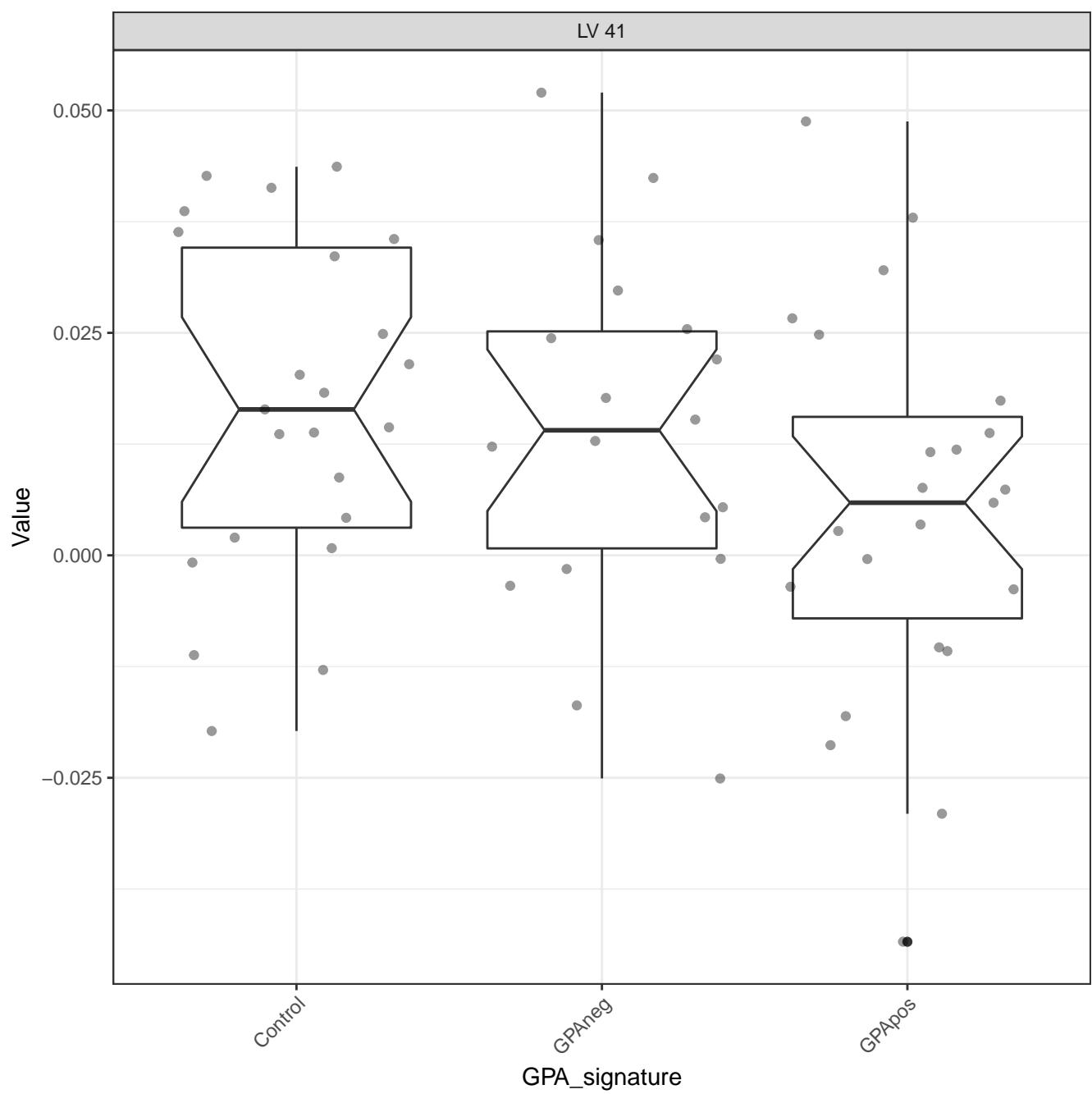
39,SVM Dendritic cells resting



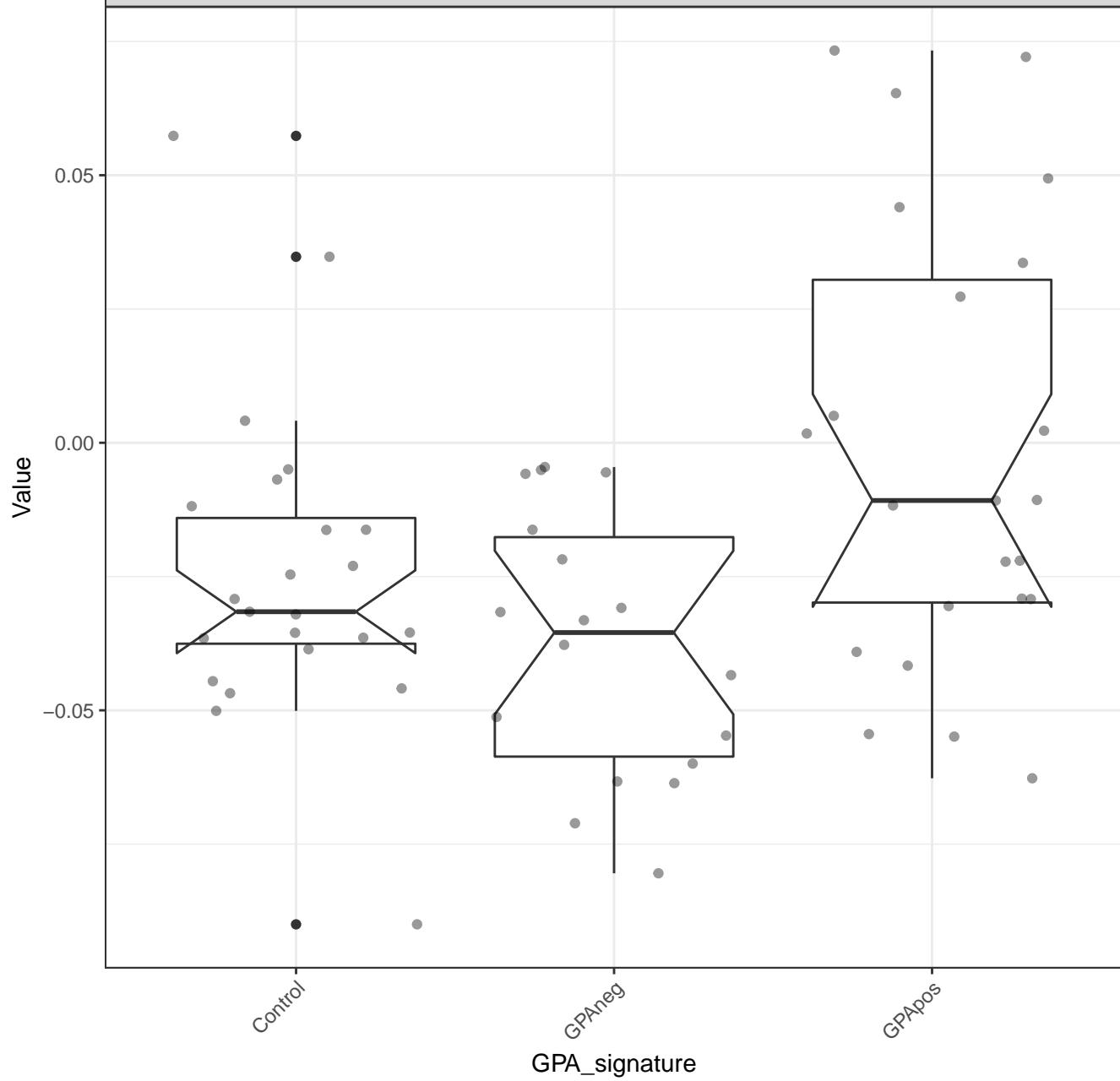
LV 40



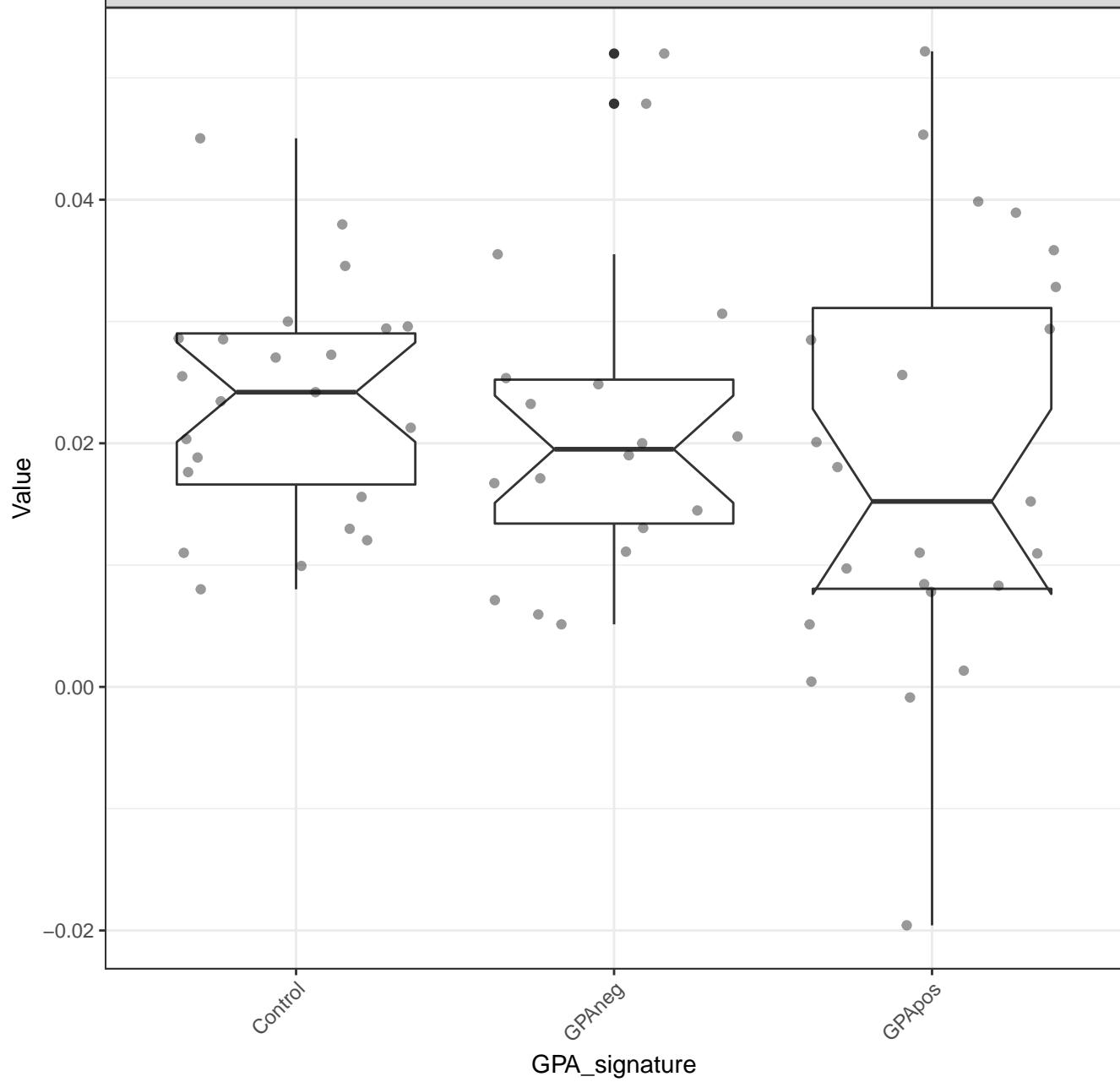
LV 41



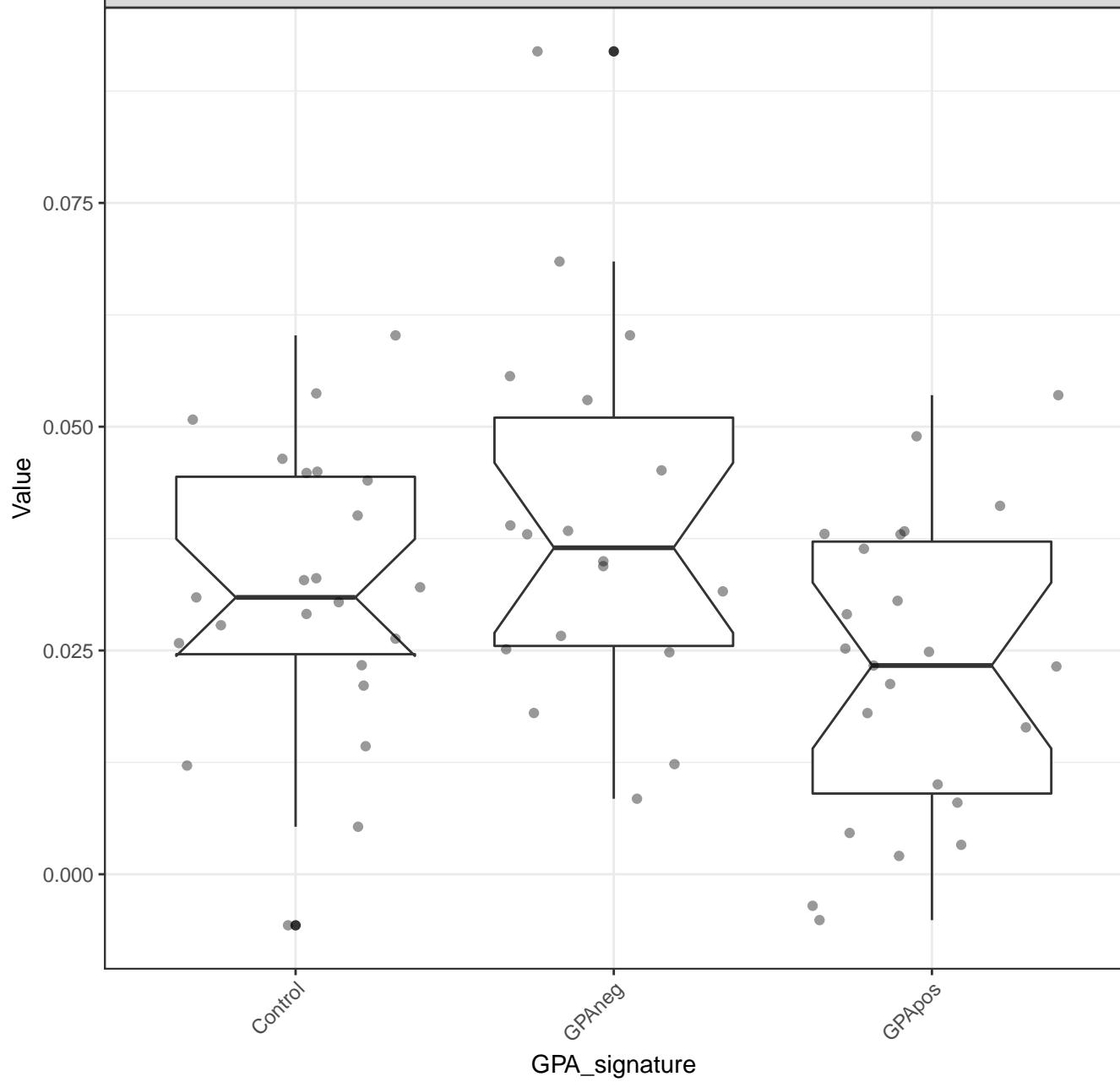
42,DMAP_HSC1



LV 43



LV 44



45,REACTOME_RNA_POL_I_PROMOTER_OPENING

Value

0.00

-0.04

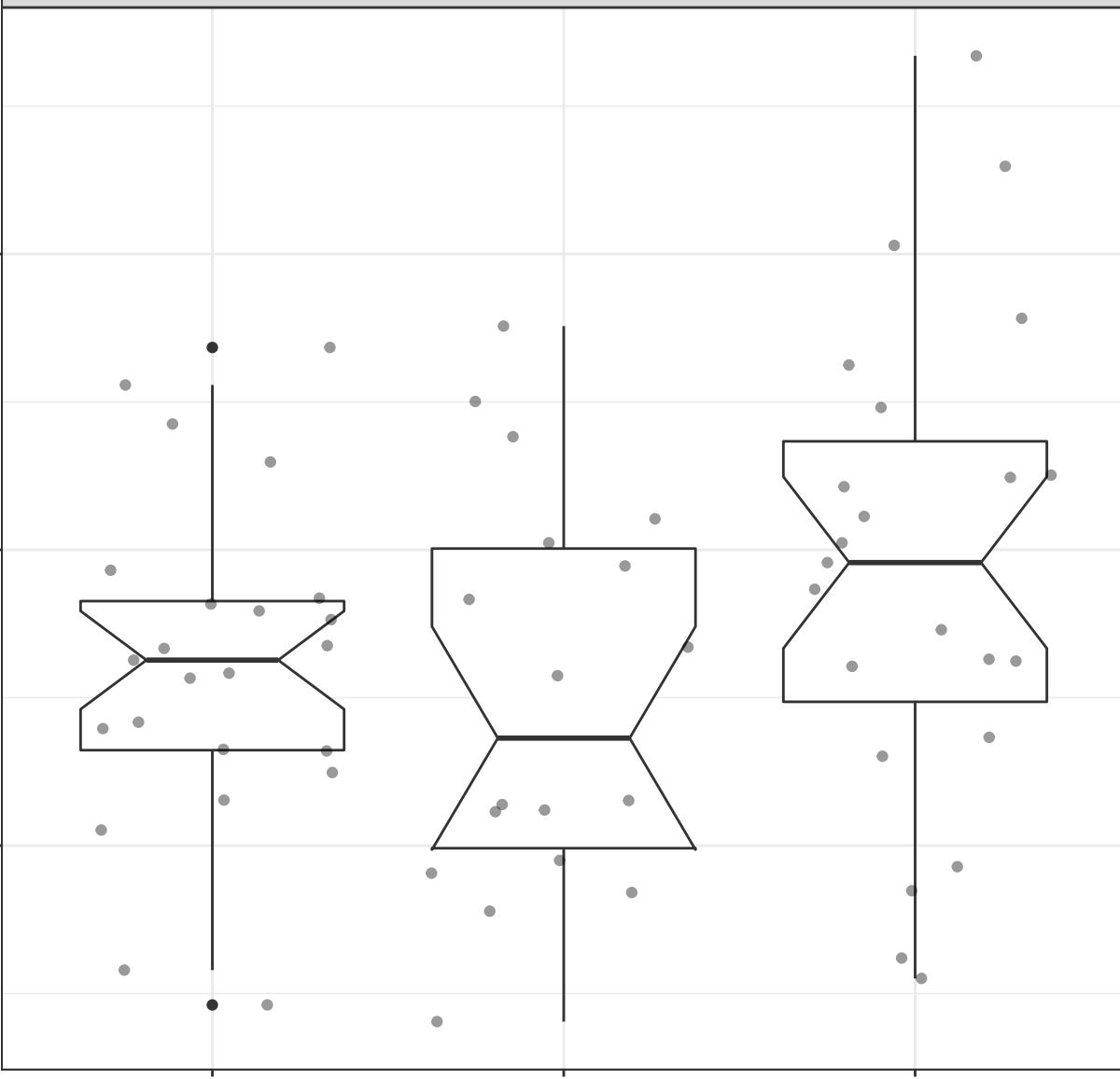
-0.08

Control

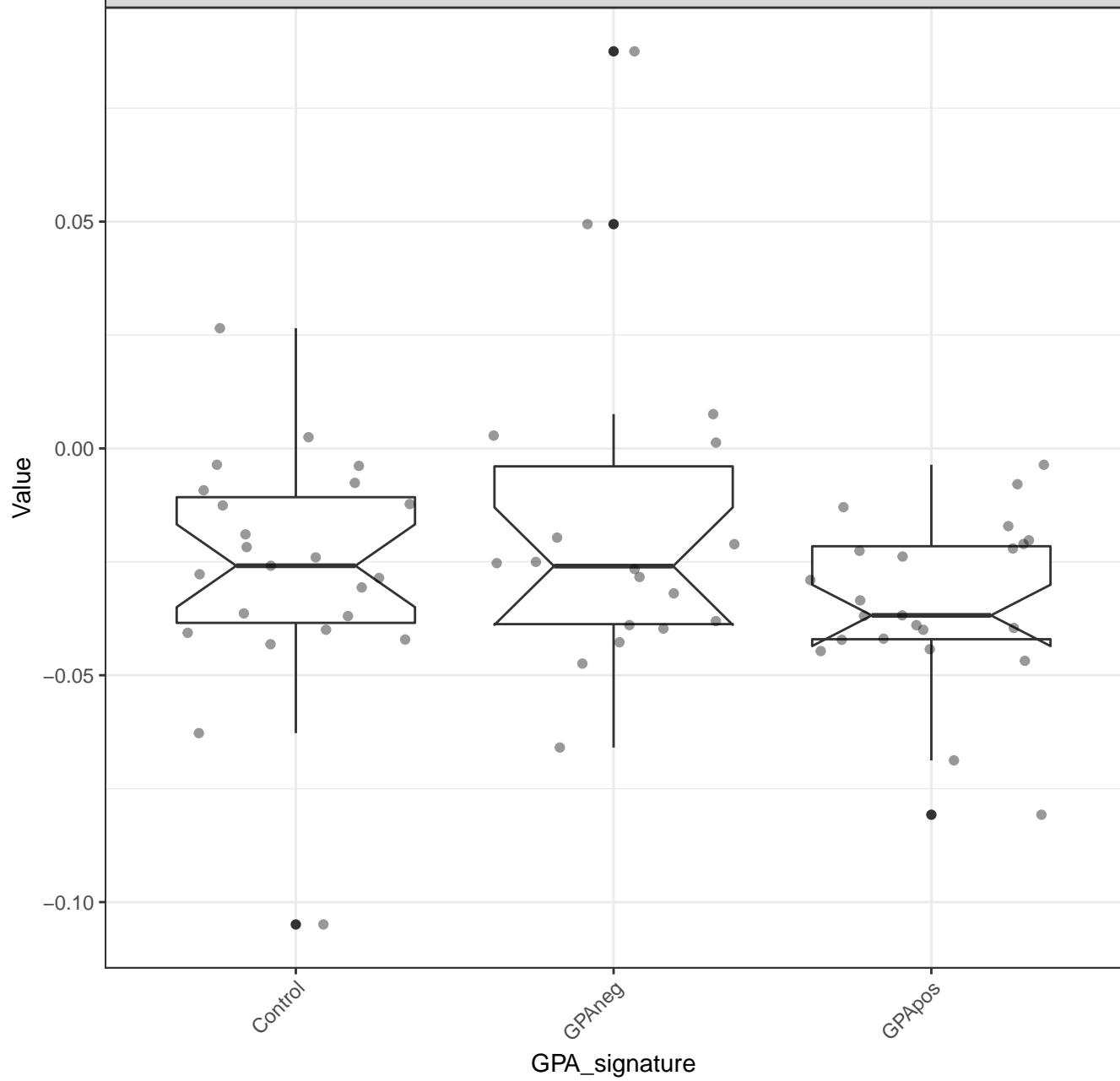
GPAneg

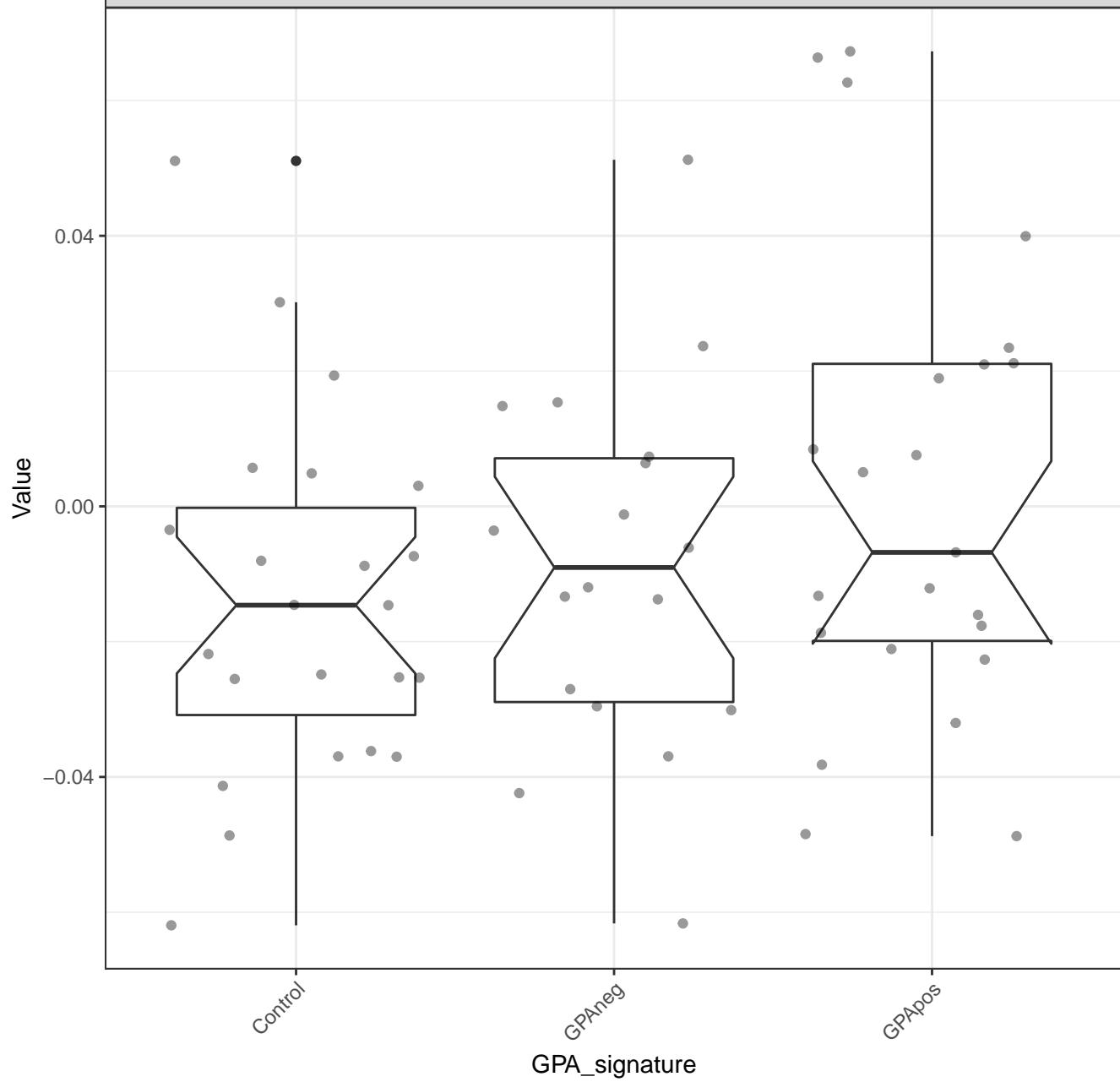
GPAspos

GPA_signature

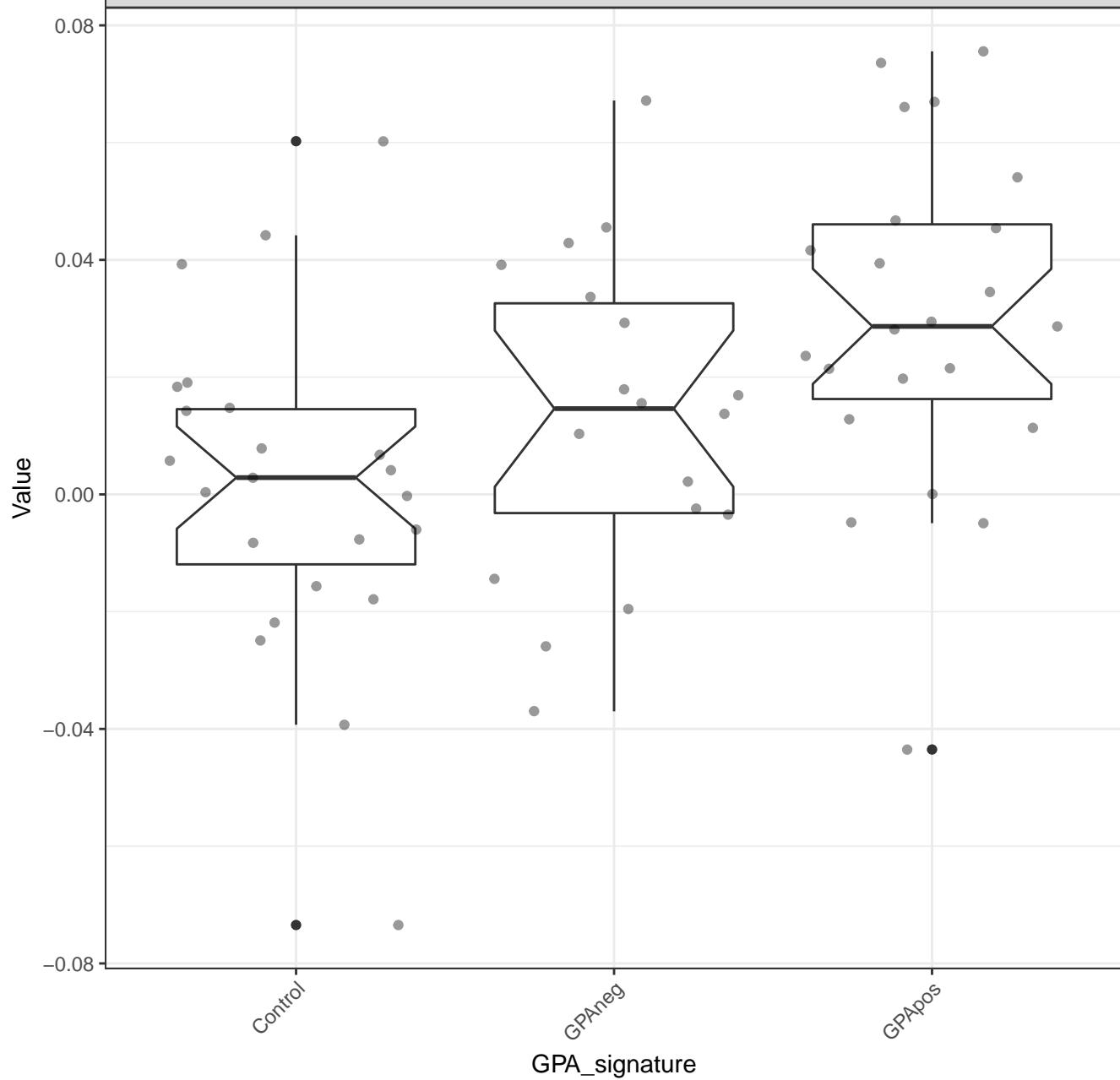


LV 46





48,MIPS_RIBOSOME_CYTOPLASMIC



49,KEGG_DILATED_CARDIOMYOPATHY

Value

0.05

0.01

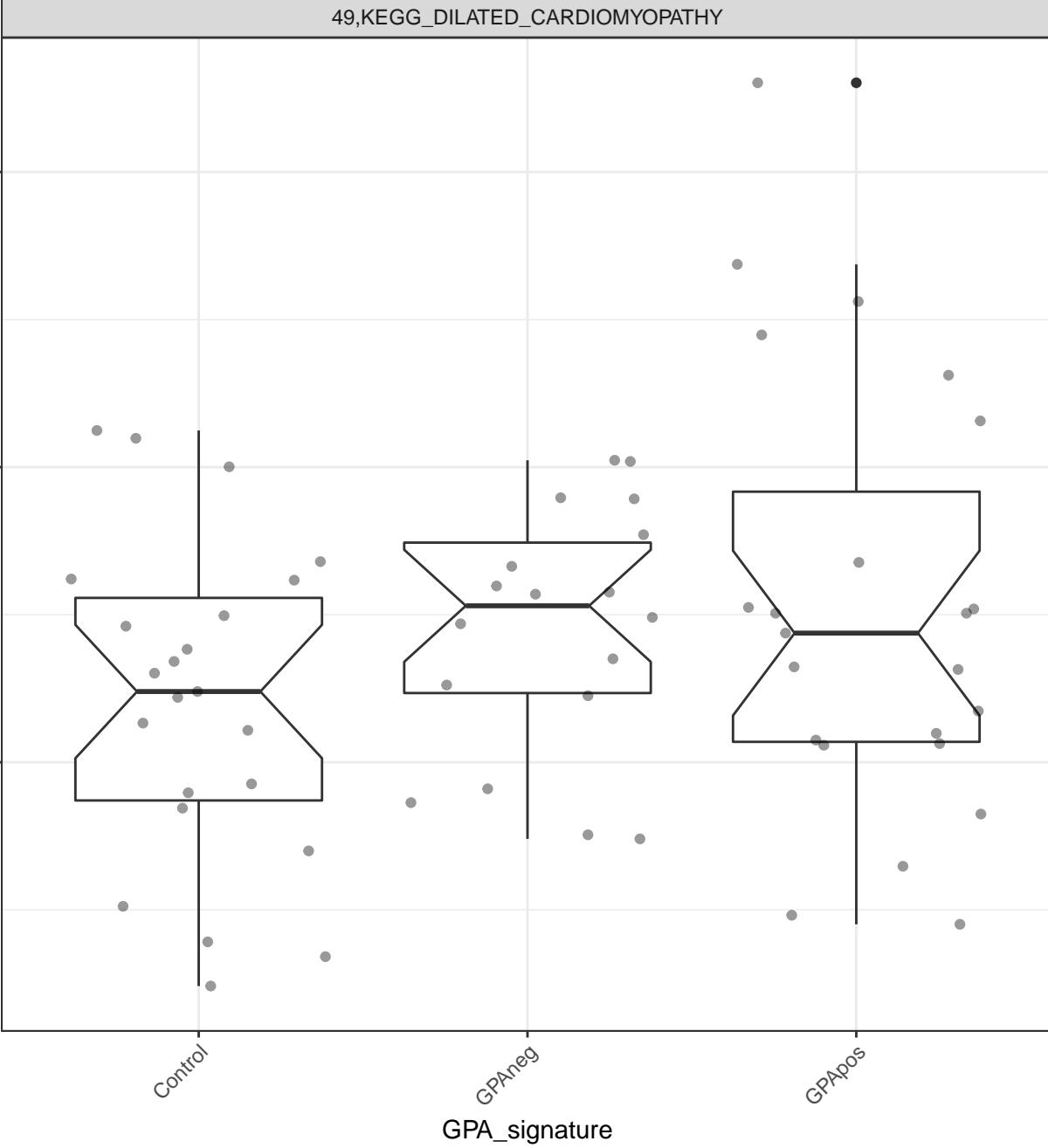
-0.05

Control

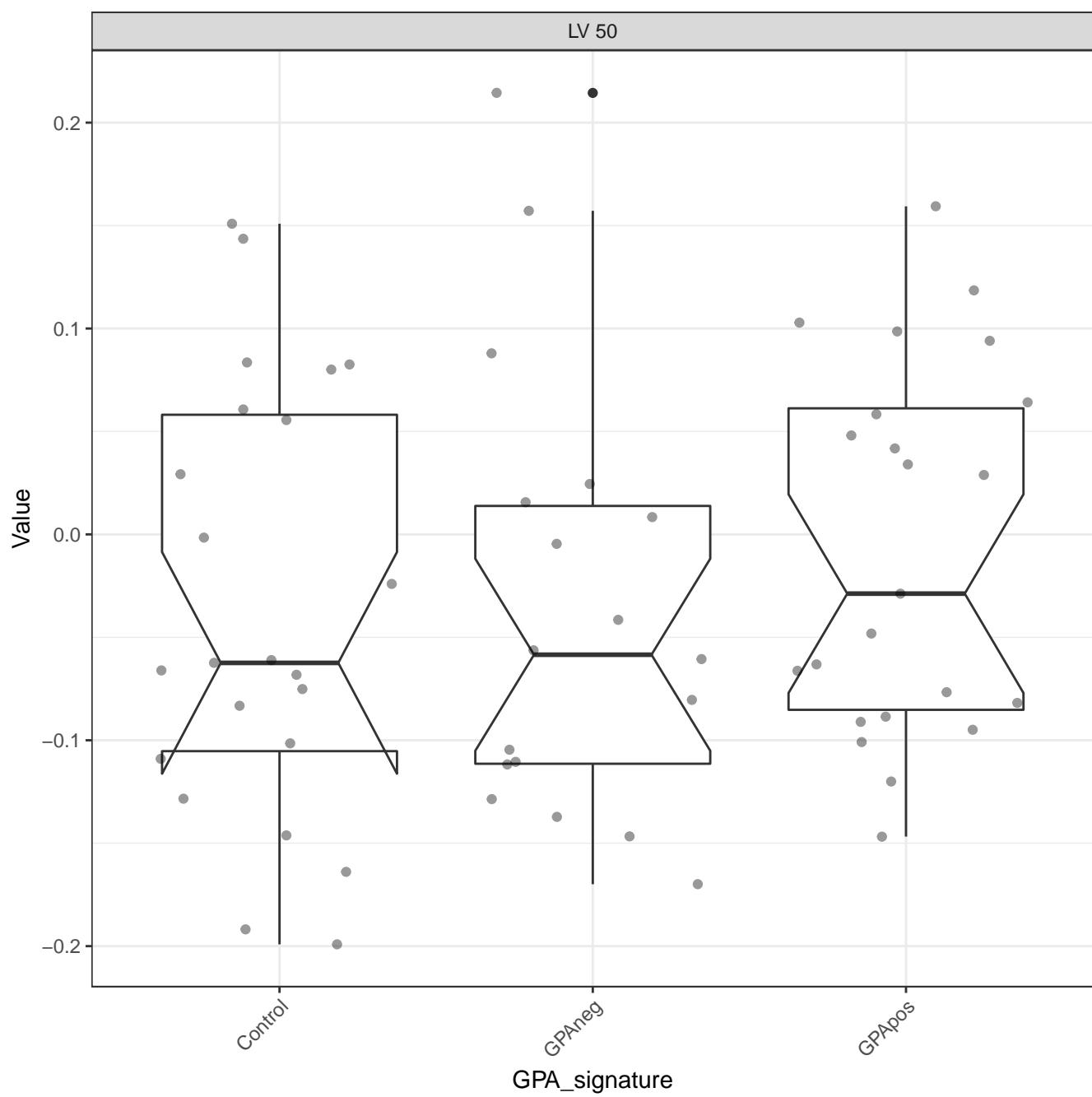
GPAneg

GPApos

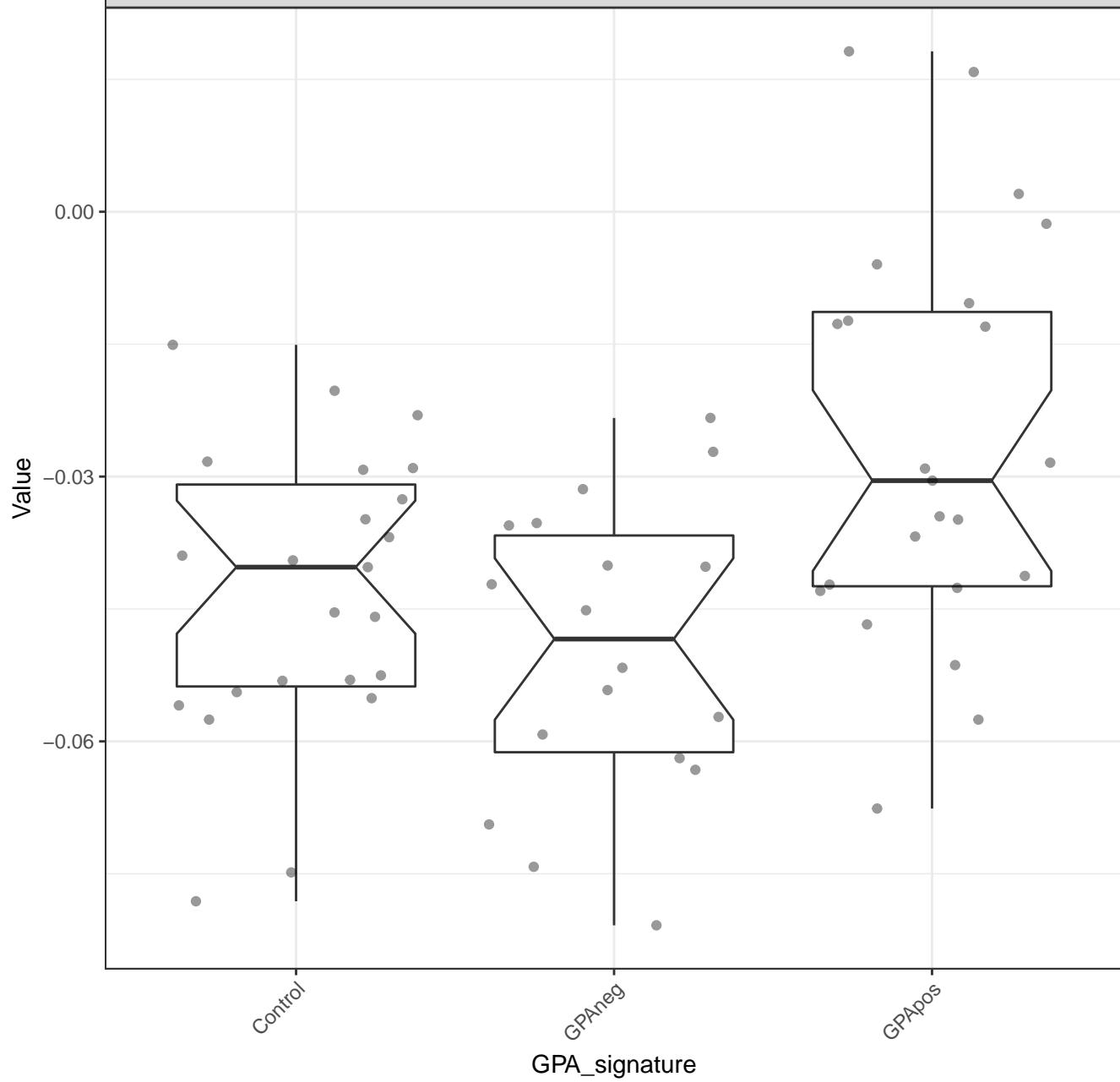
GPA_signature



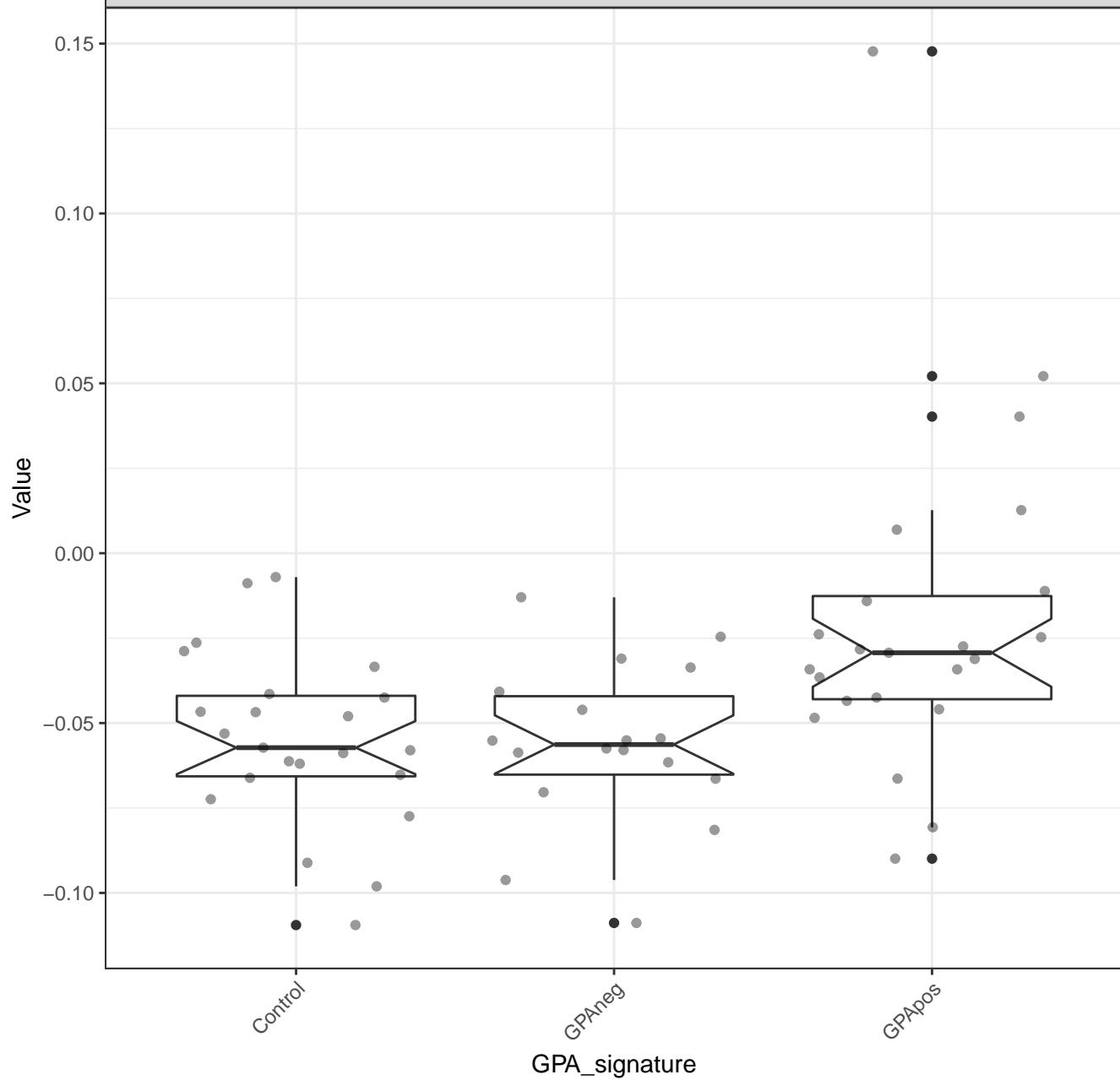
LV 50



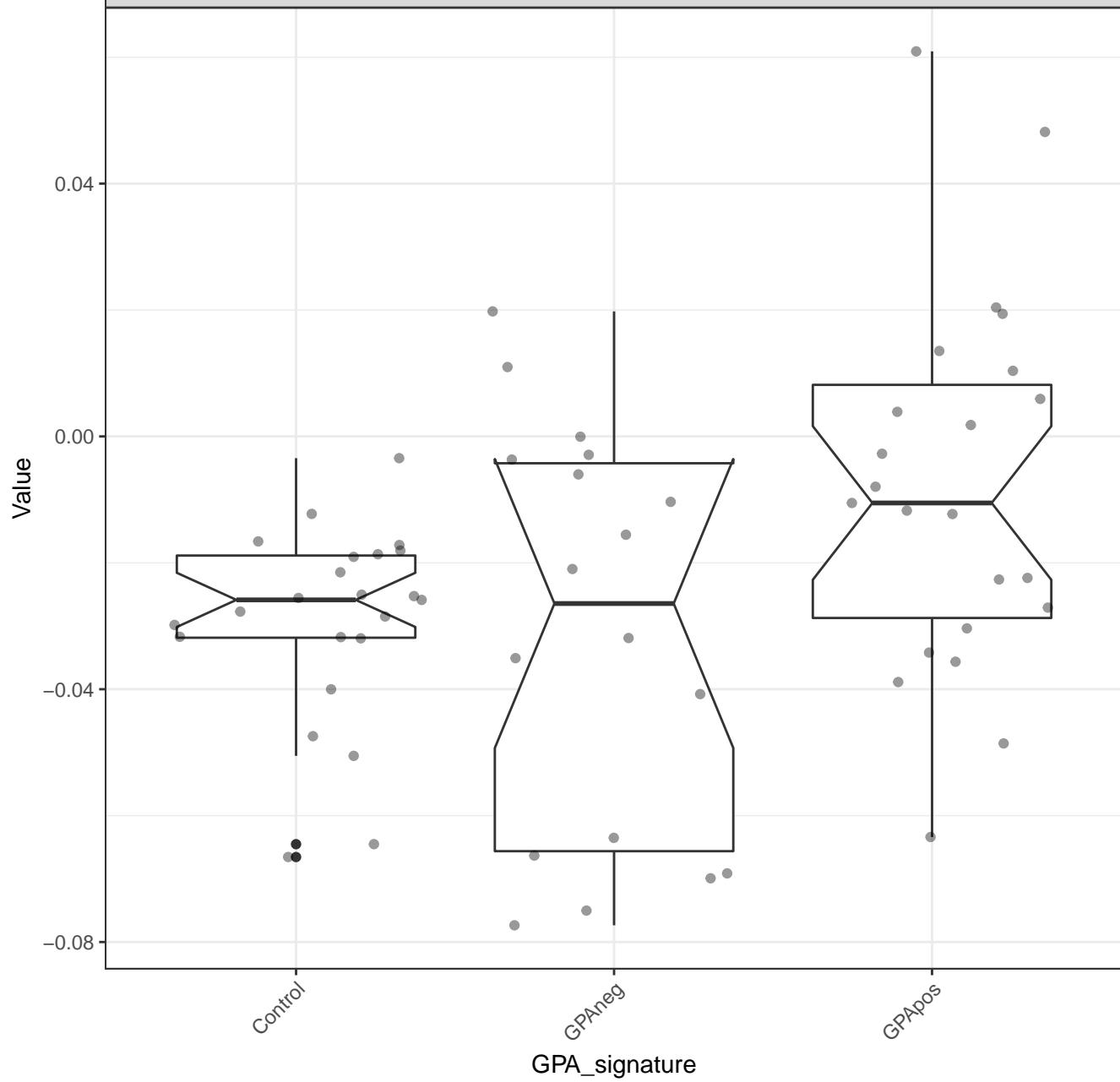
LV 51



LV 52



LV 53



Value

0.00

-0.05

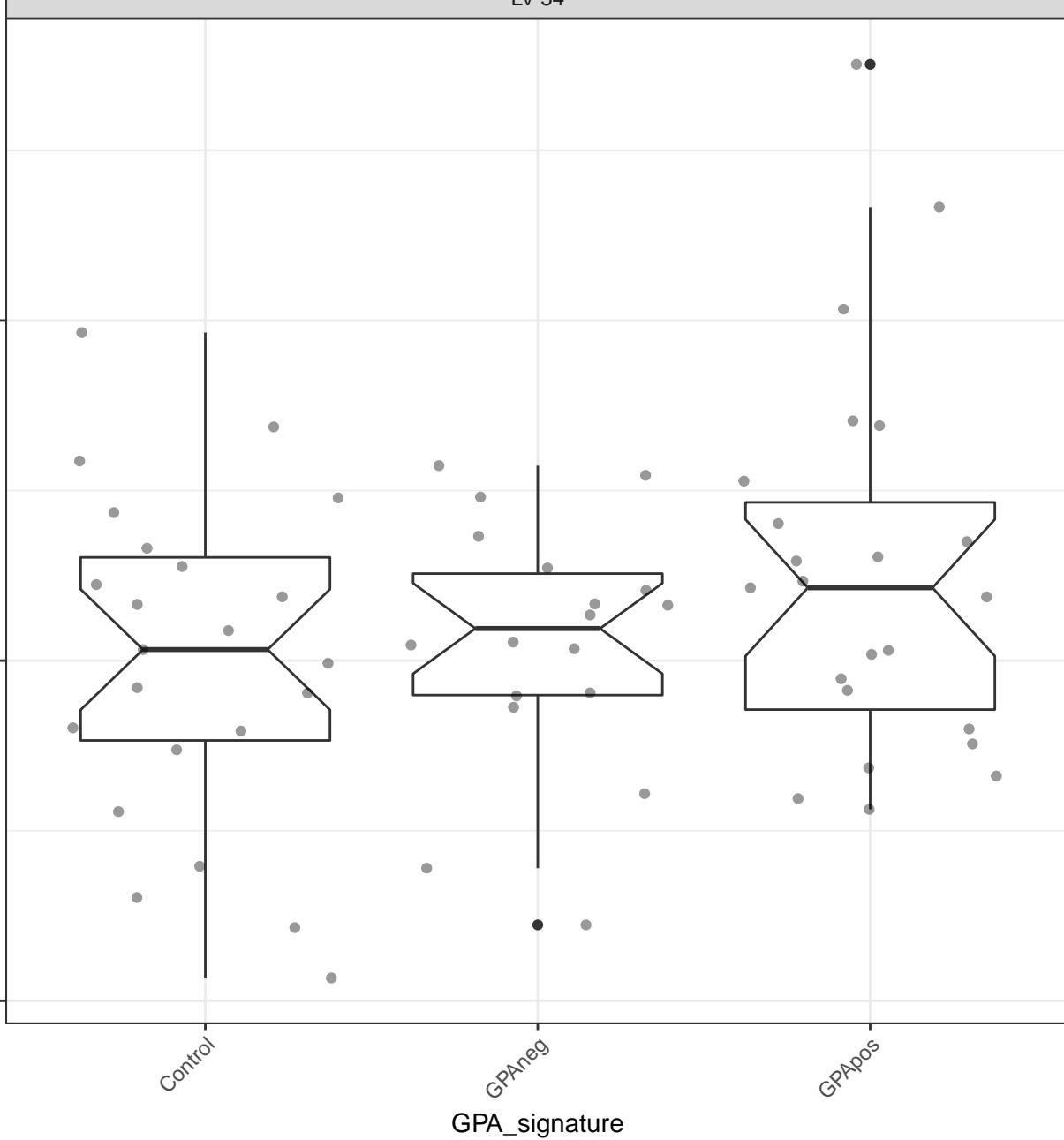
-0.10

Control

GPA_signature

GPAneg

GPApos



LV 55

Value

0.10

0.05

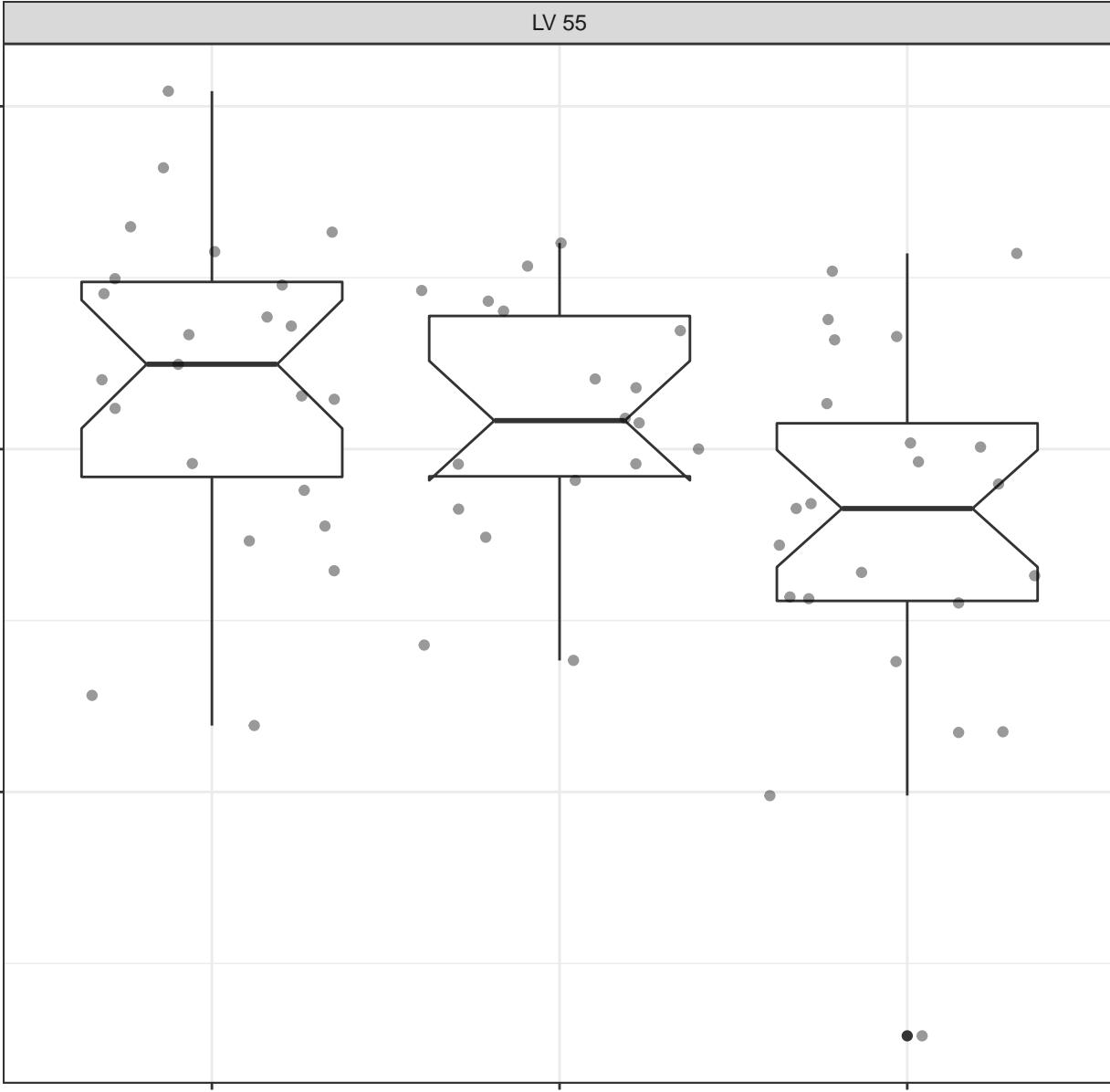
0.00

Control

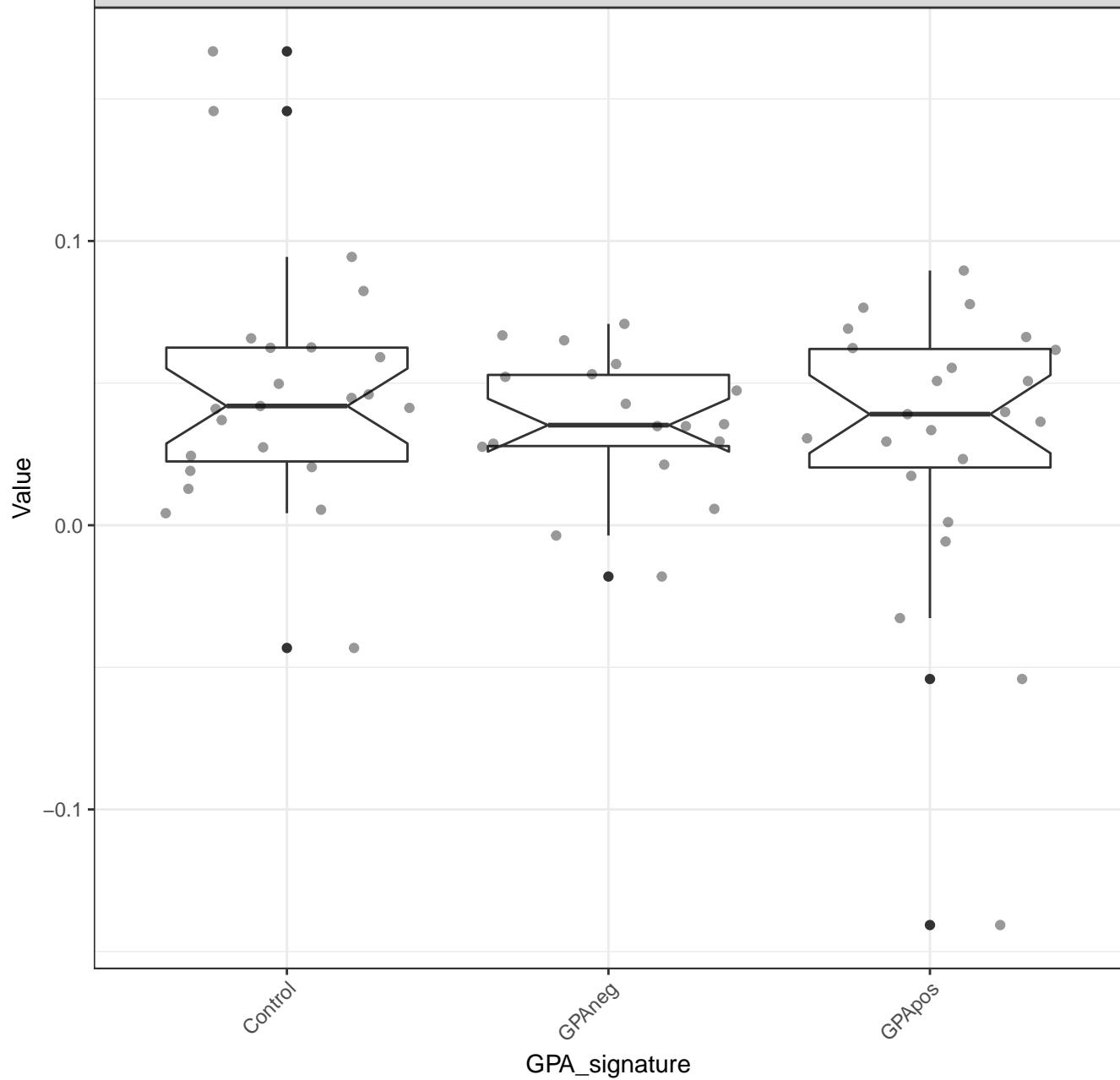
GPA_signature

GPAneg

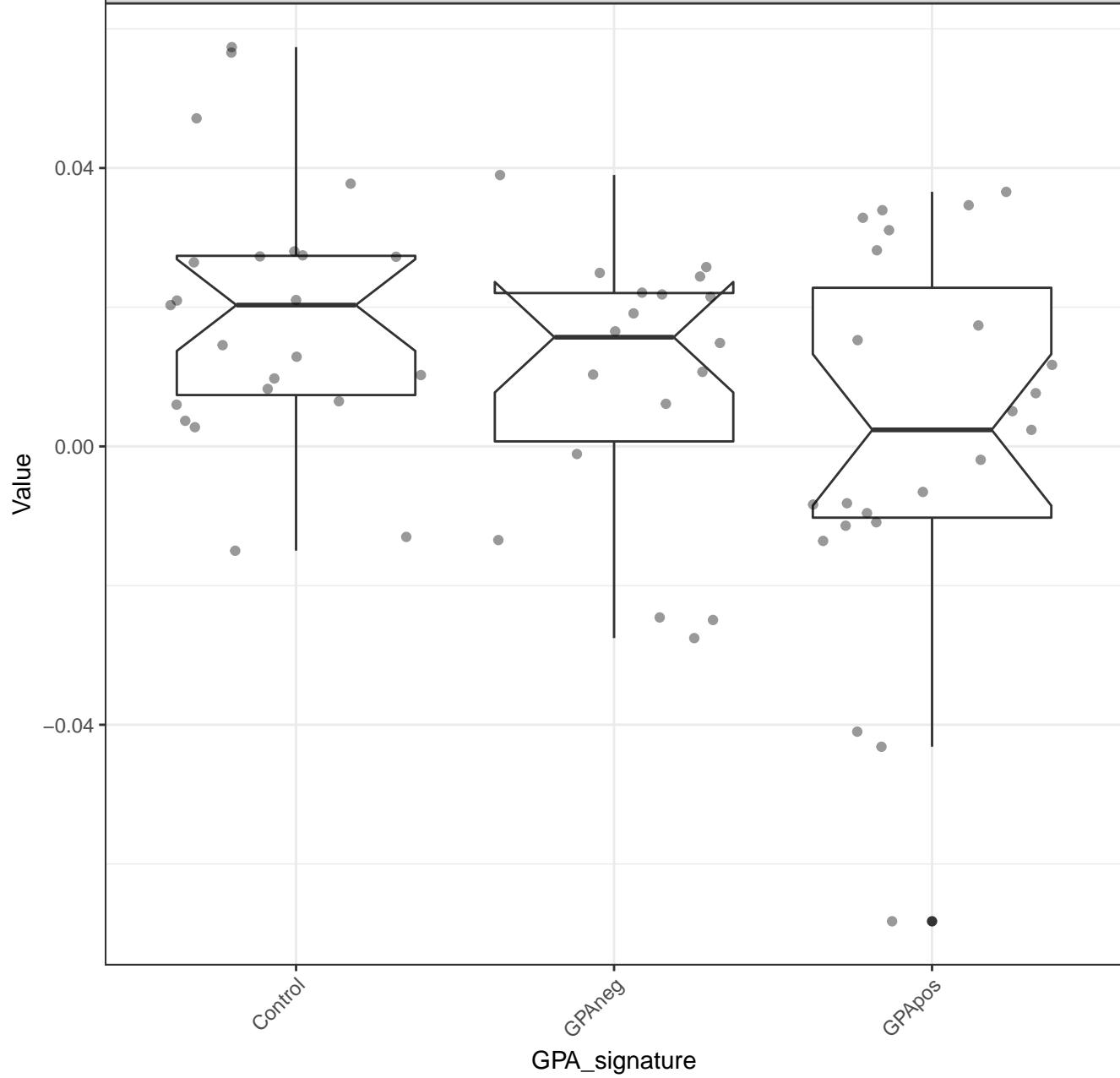
GPAPos



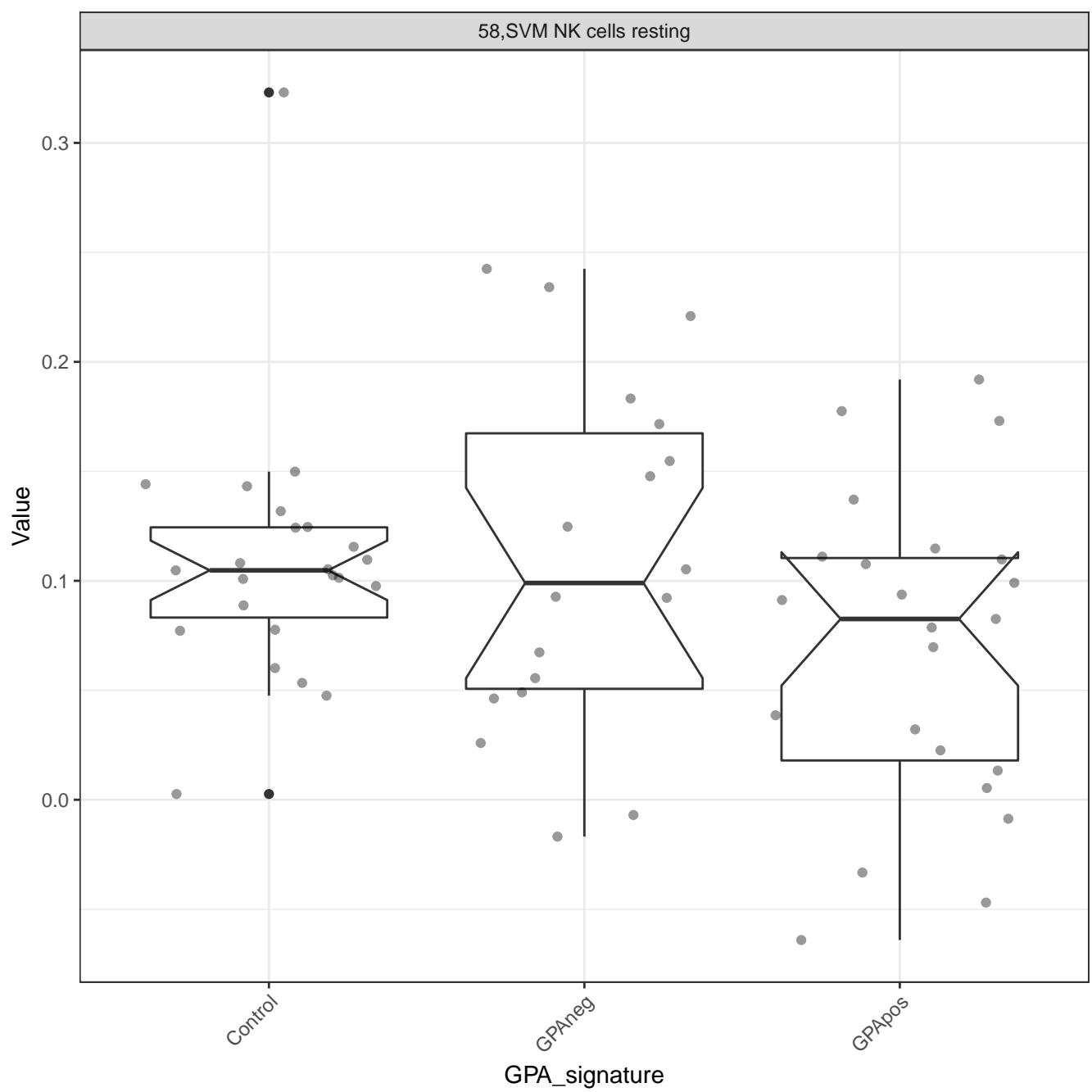
LV 56



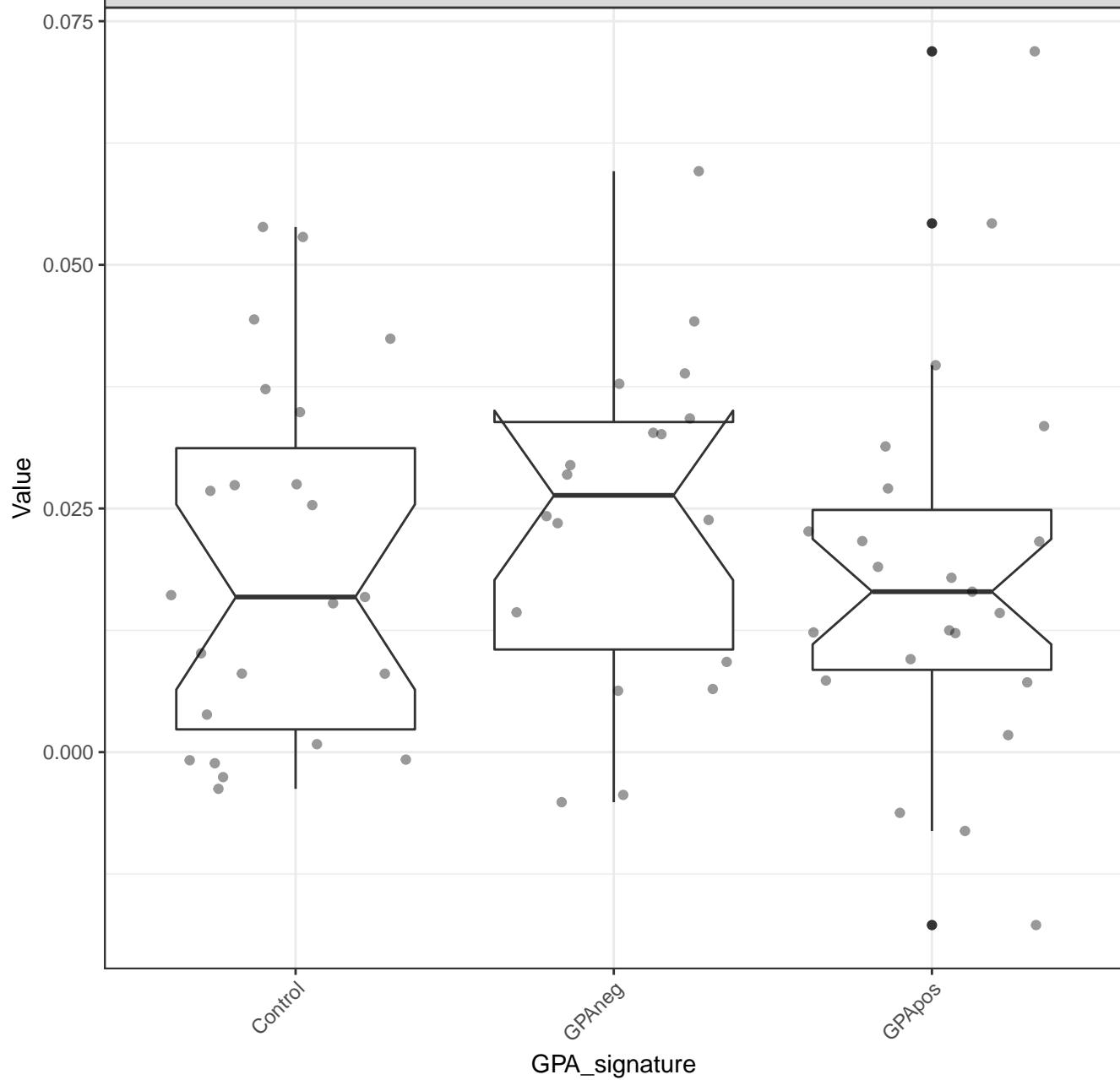
57,SVM T cells CD4 memory activated



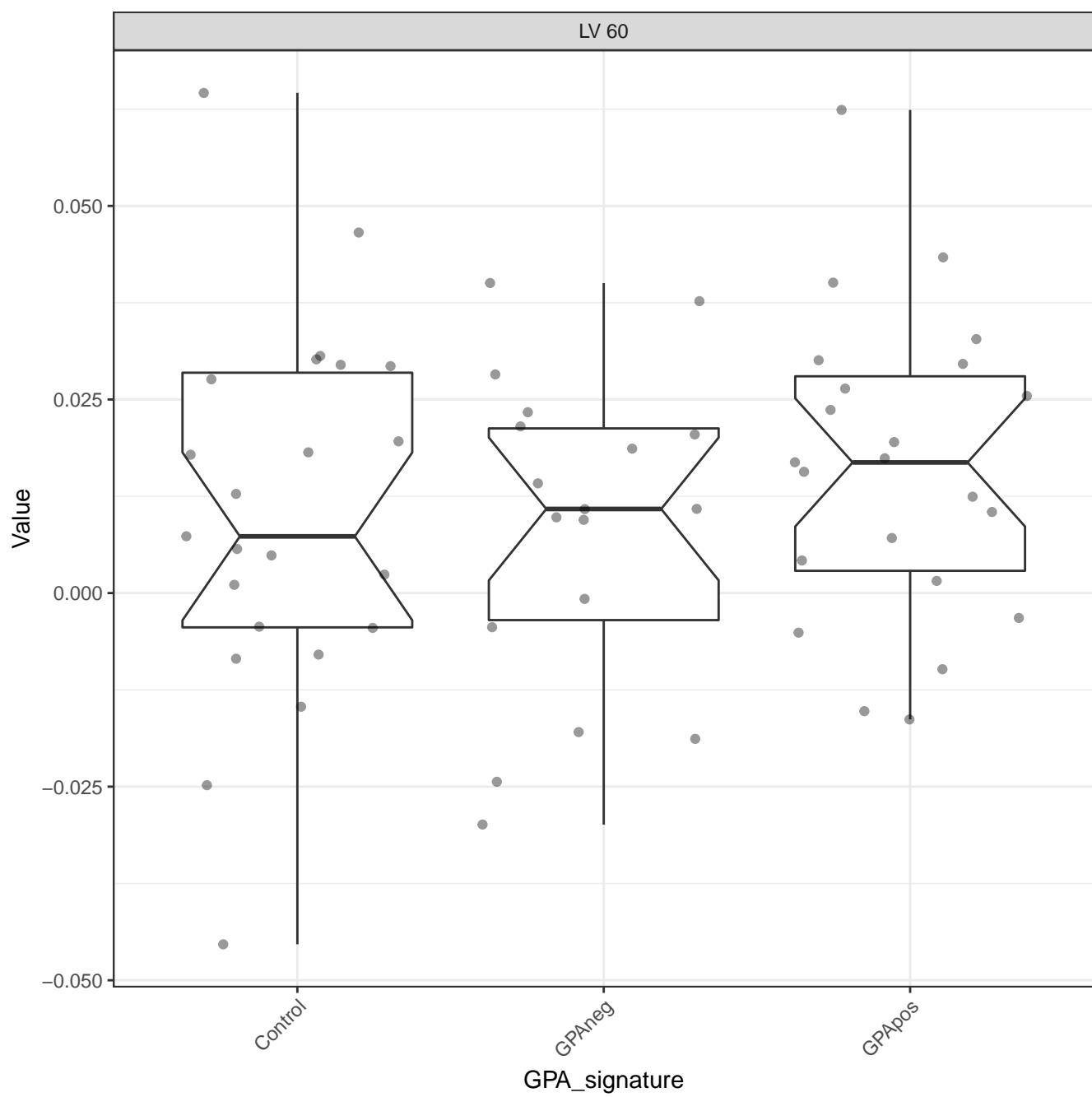
58,SVM NK cells resting



LV 59



LV 60



61,DMAP_ERY5

Value

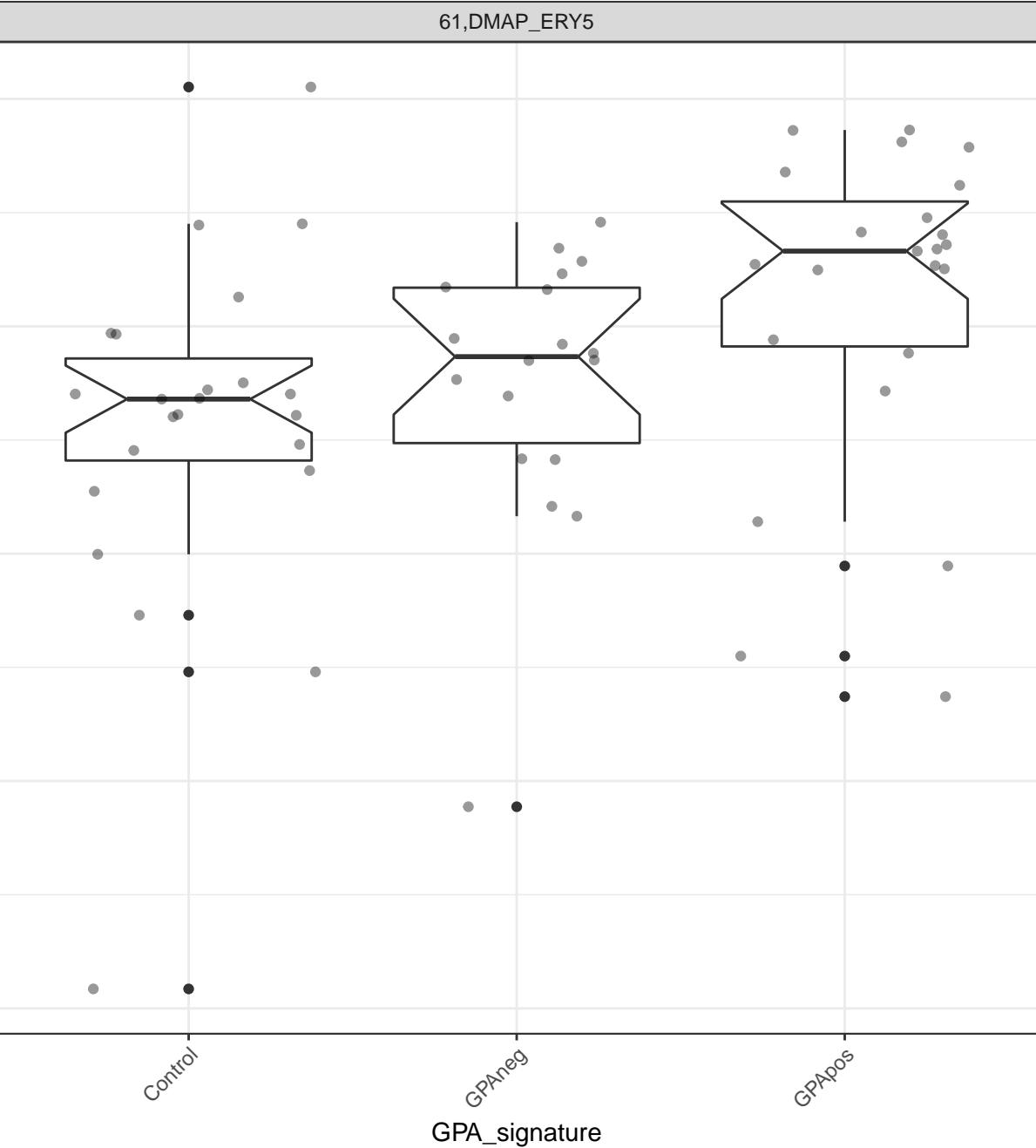
0.10
0.05
0.00
-0.05
-0.10

Control

GPAneg

GPAPos

GPA_signature



LV 62

Value

0.05

0.00

-0.05

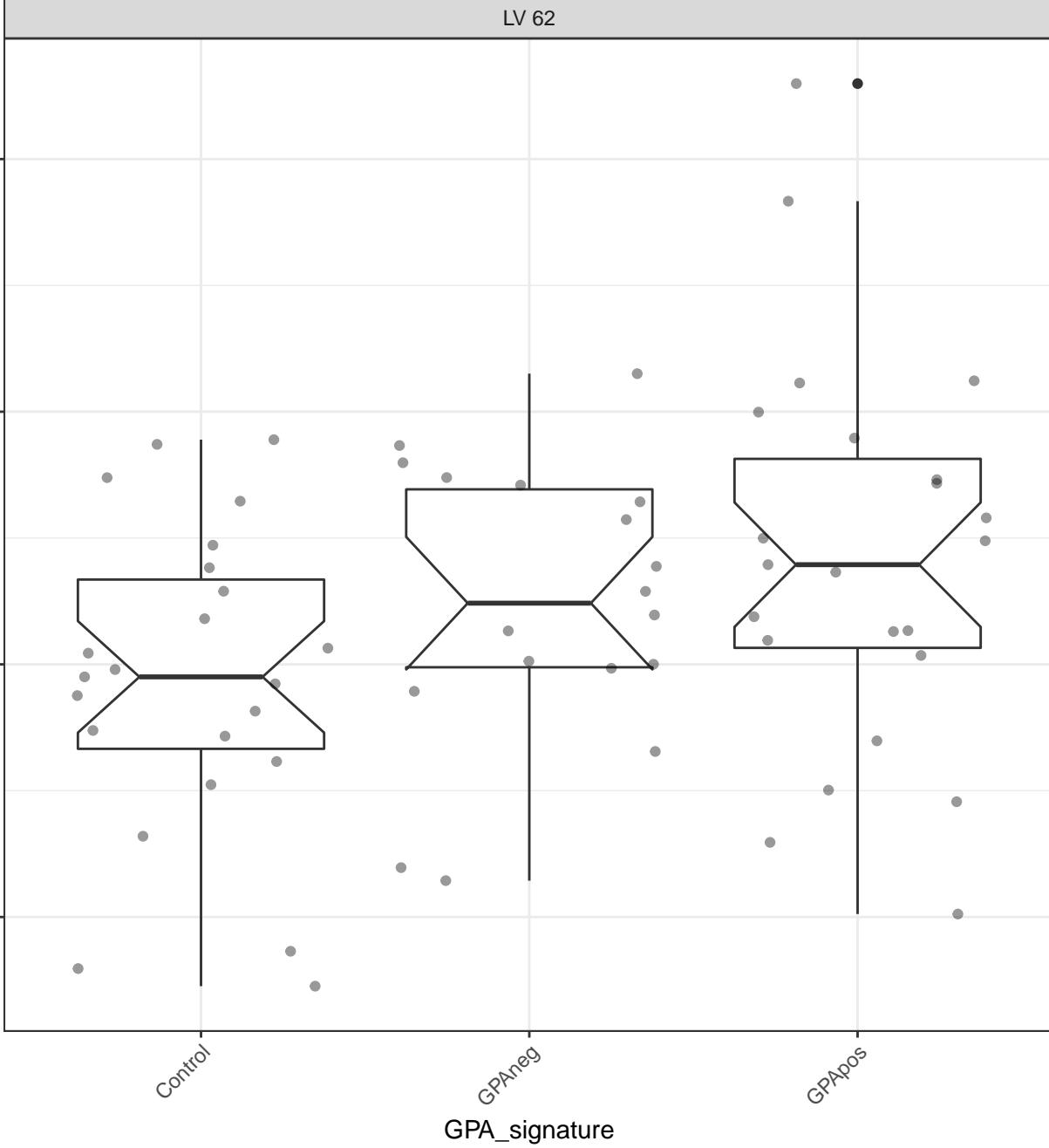
-0.10

Control

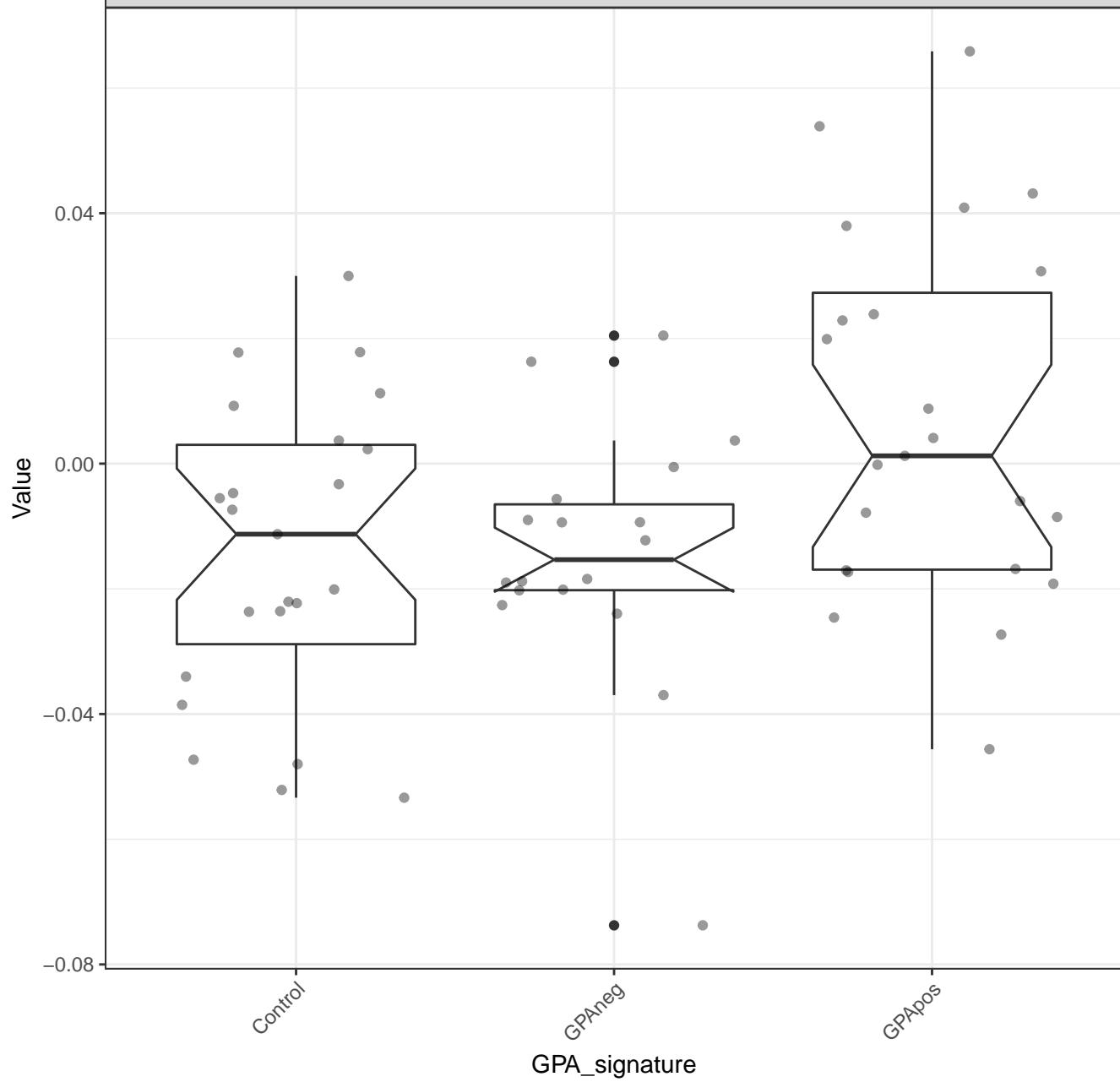
GPAneg

GPApos

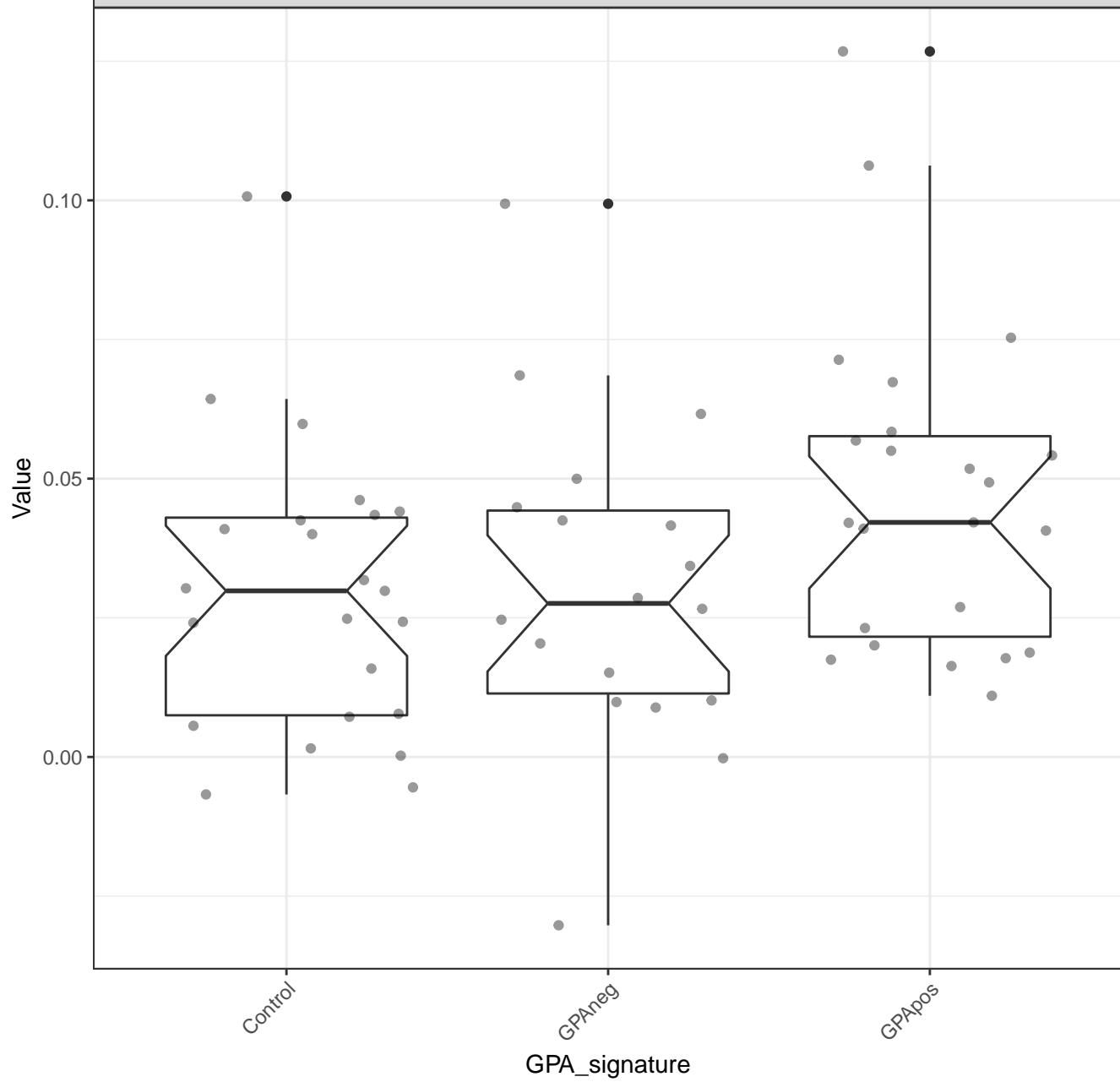
GPA_signature

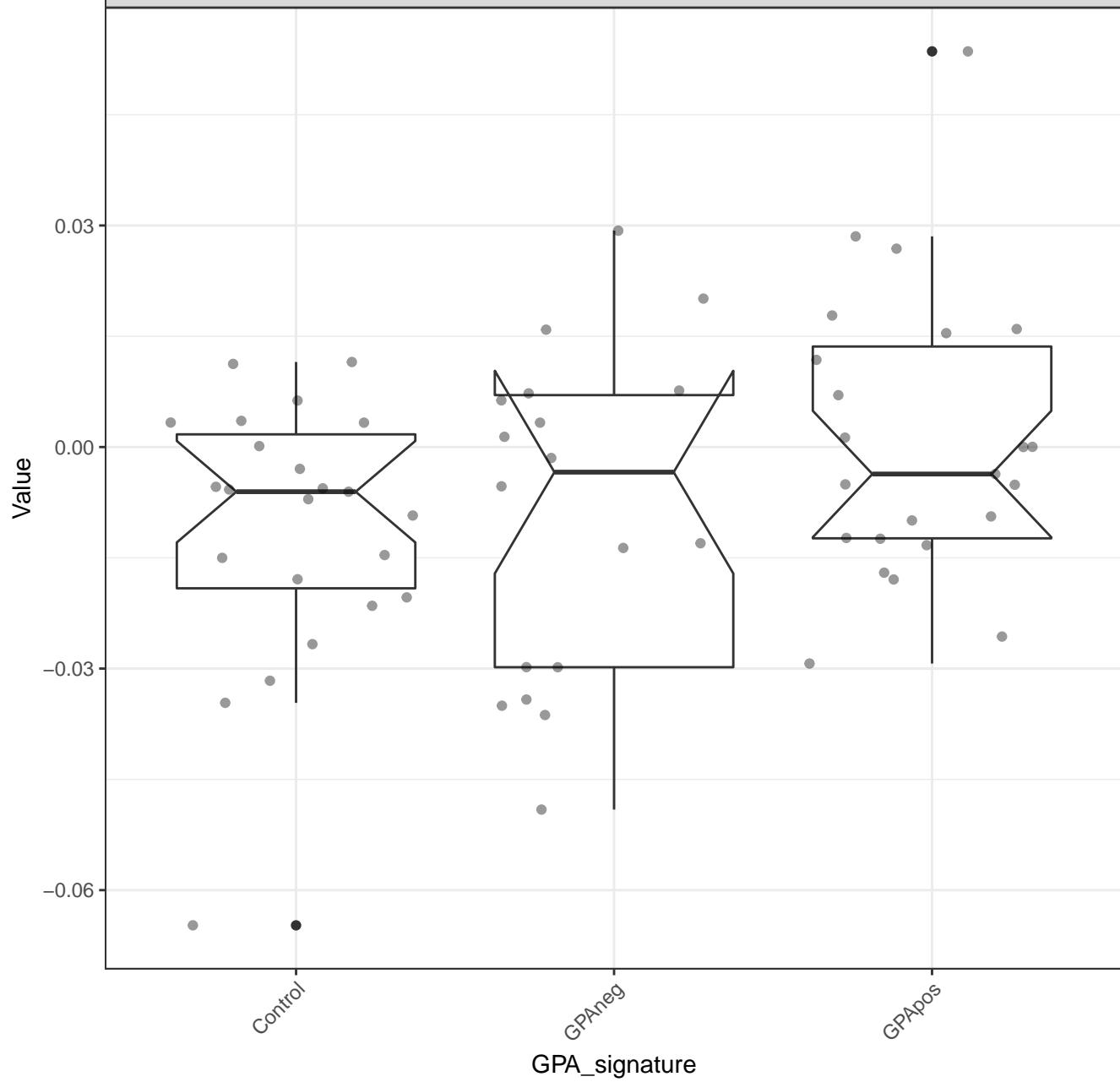


LV 63



LV 64





66,REACTOME_METABOLISM_OF_LIPIDS_AND_LIPOPROTEINS

Value

0.06

0.03

0.00

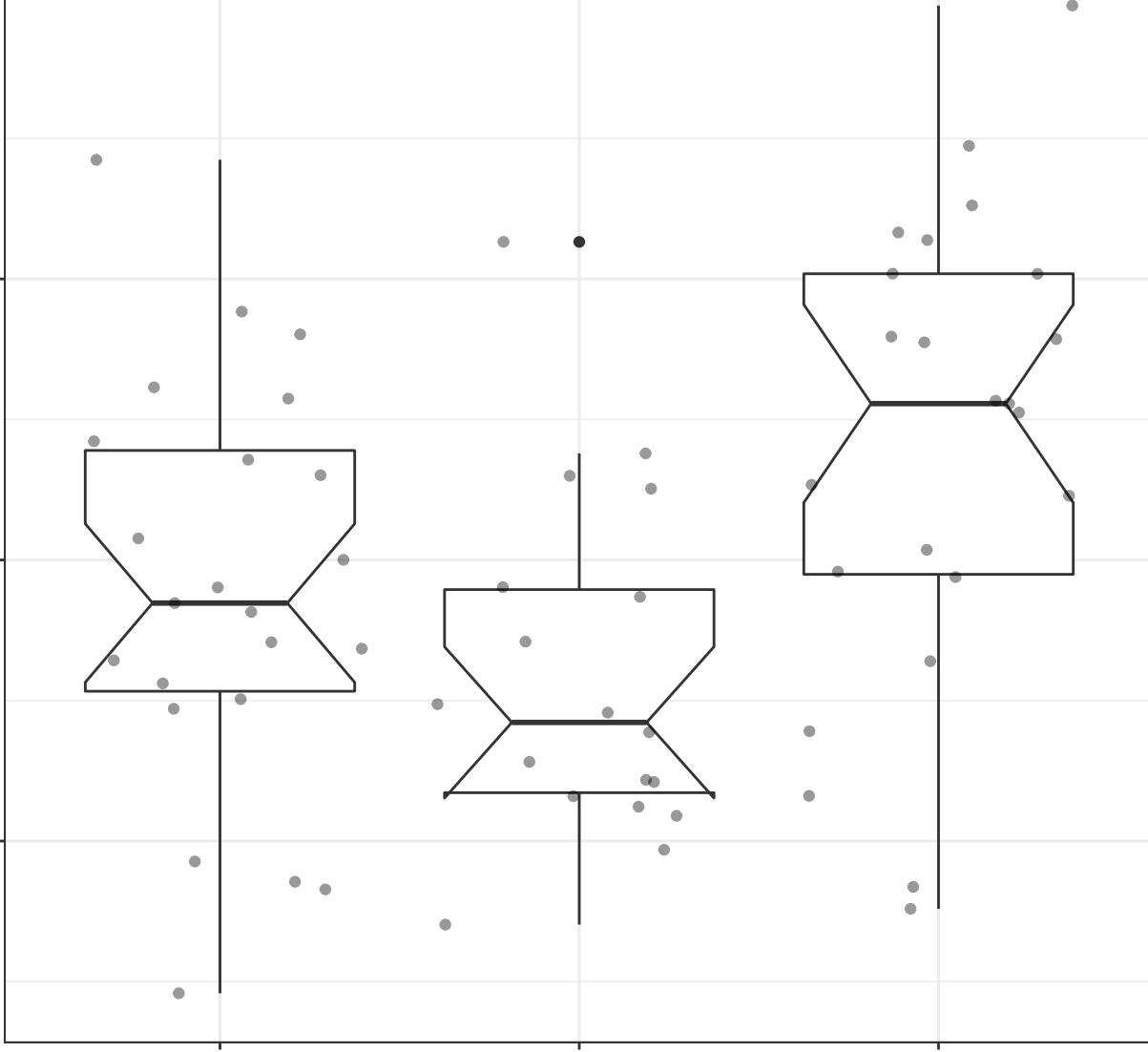
-0.03

Control

GPA_signature

GPAneg

GPAPos



Value

0.04

0.02

0.00

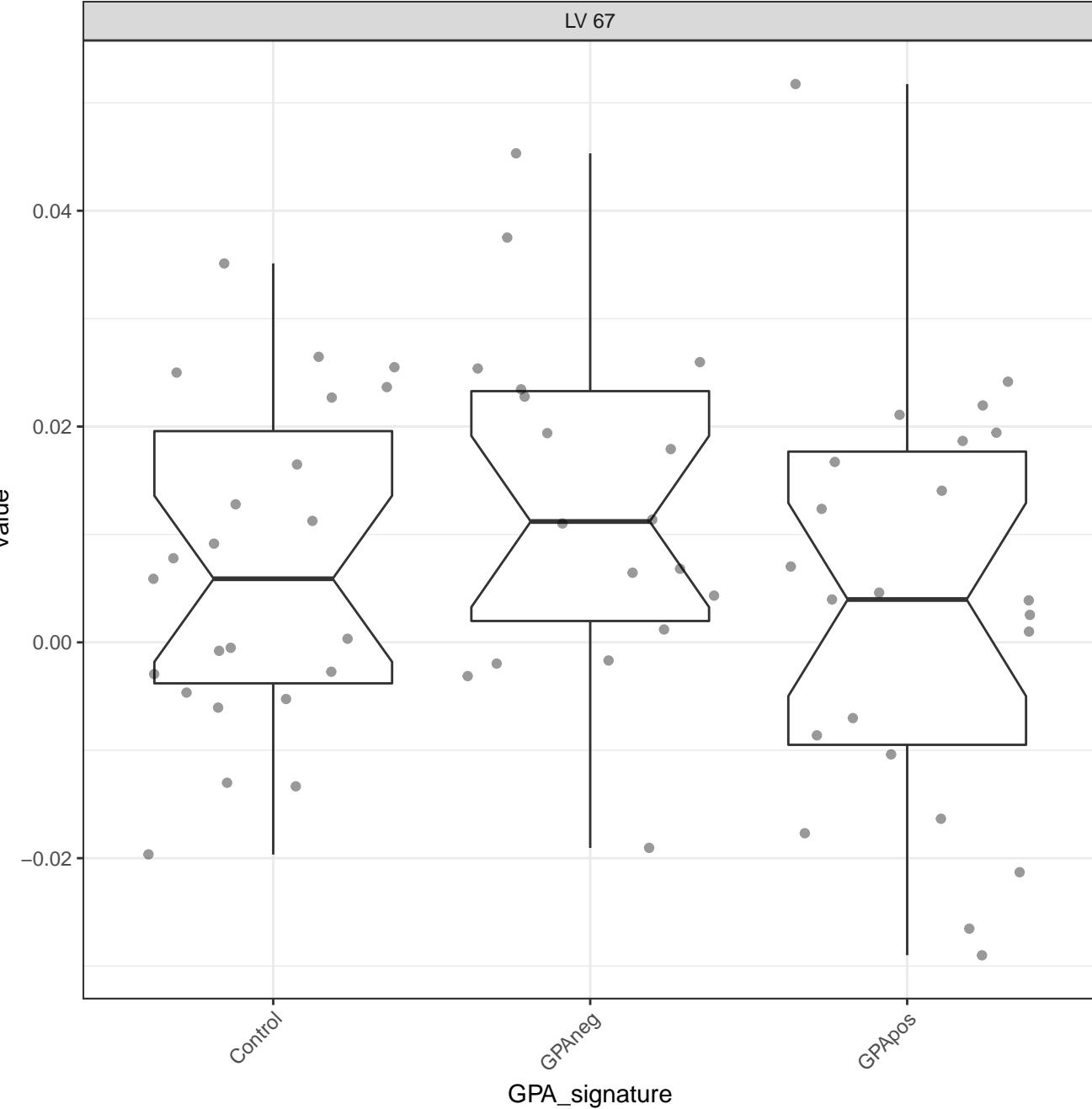
-0.02

Control

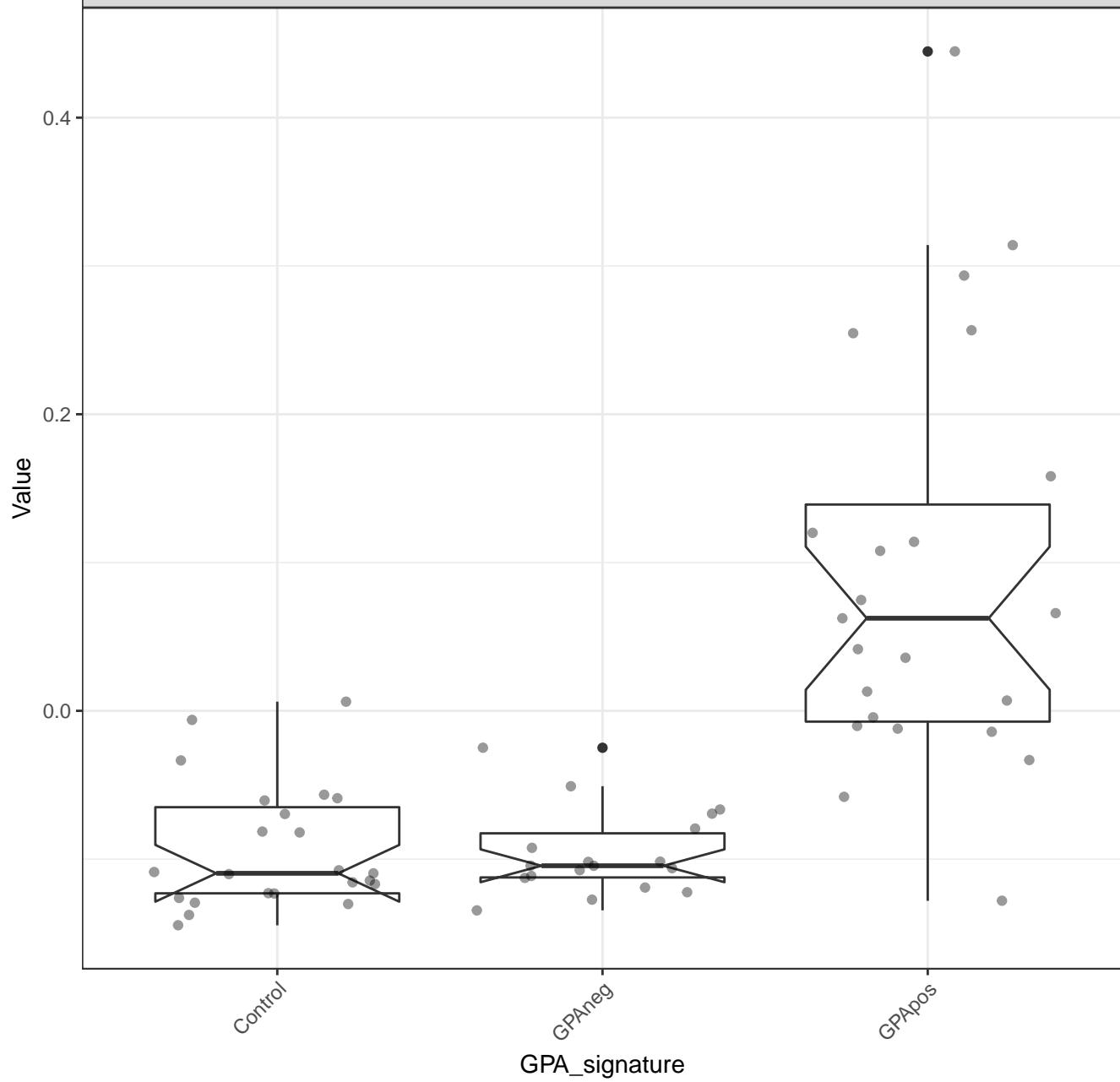
GPA_signature

GPAneg

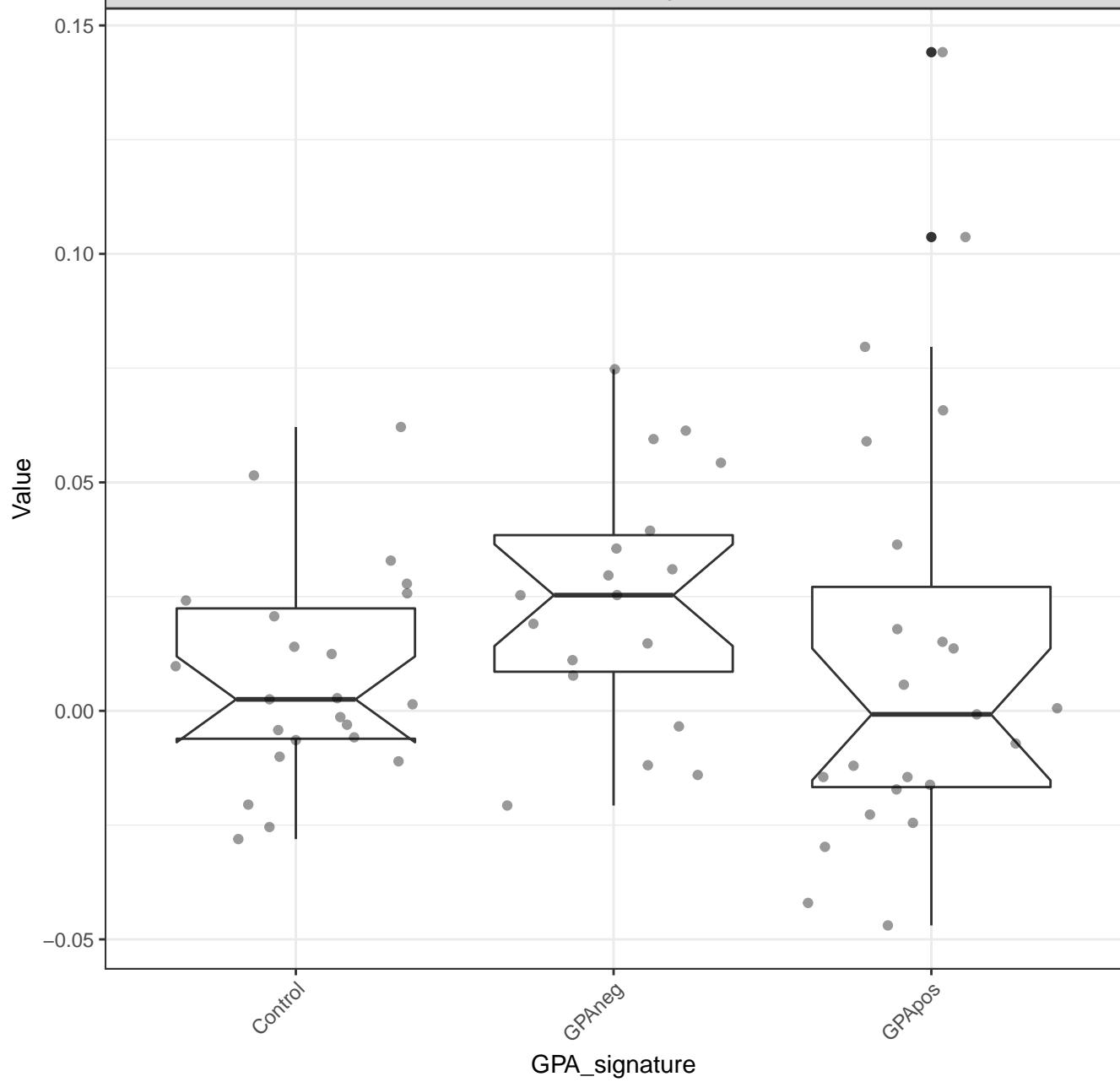
GPAPos



68,DMAP_ERY2



69,SVM Macrophages M1



70,MIPS_PA700_20S_PA28_COMPLEX

Value

0.1

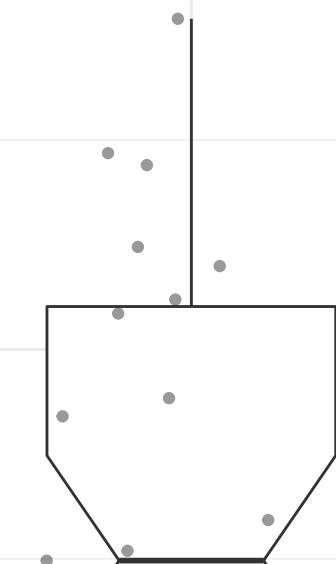
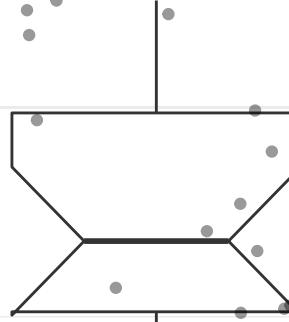
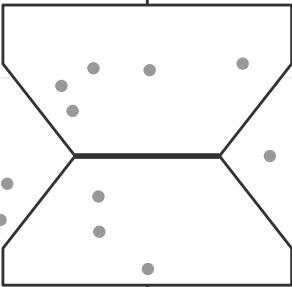
0.0

Control

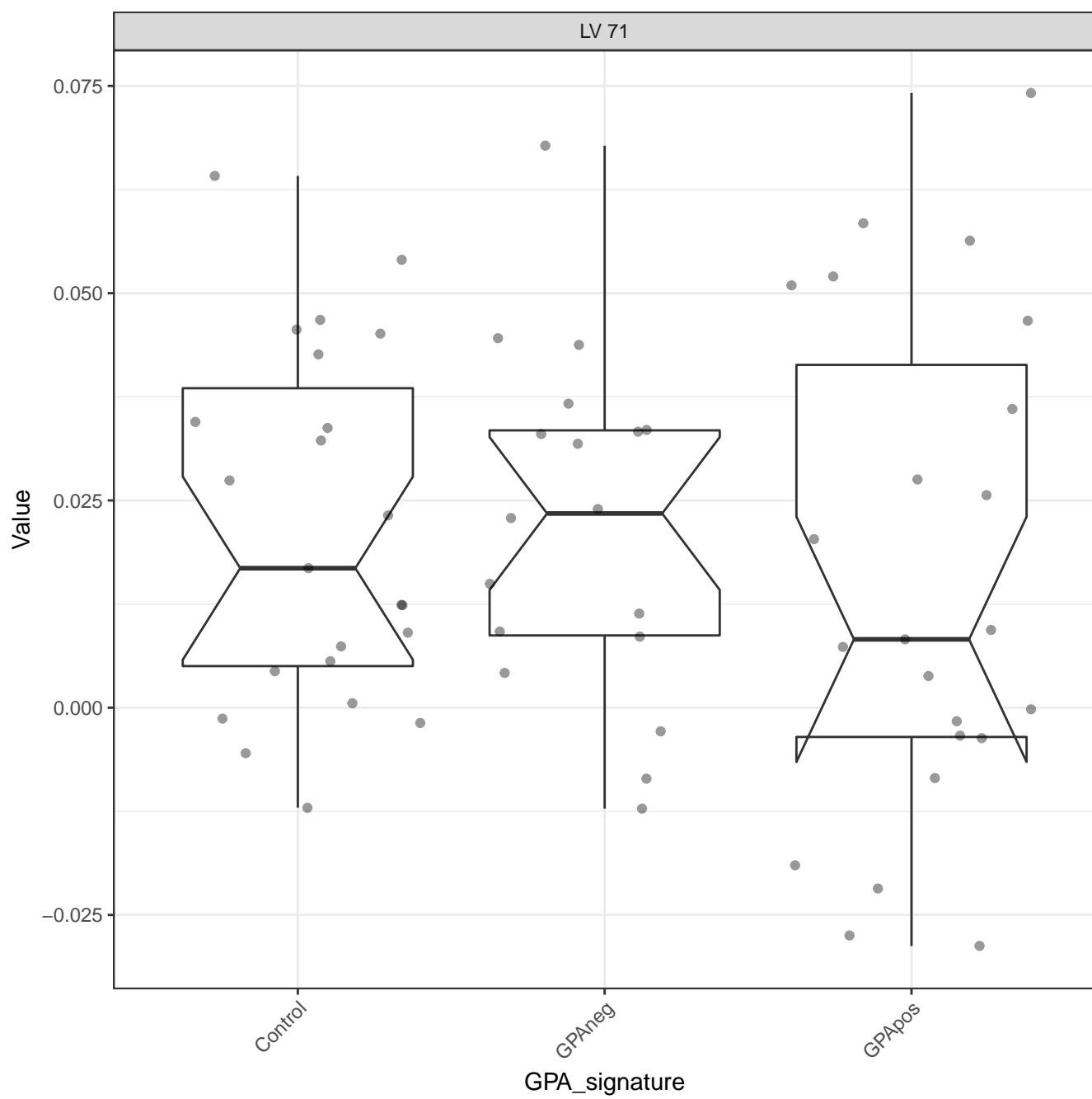
GPAneg

GPAPos

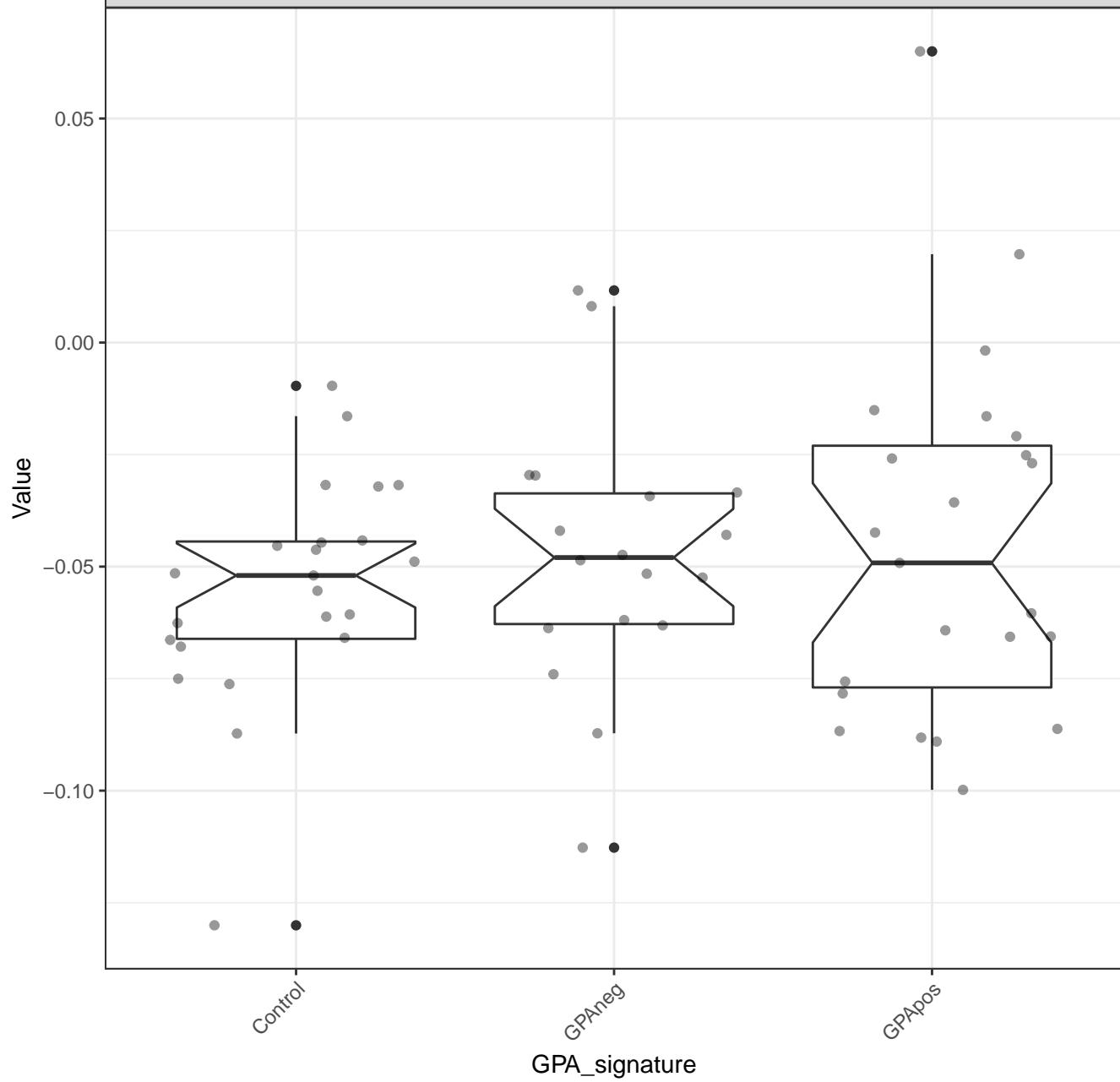
GPA_signature



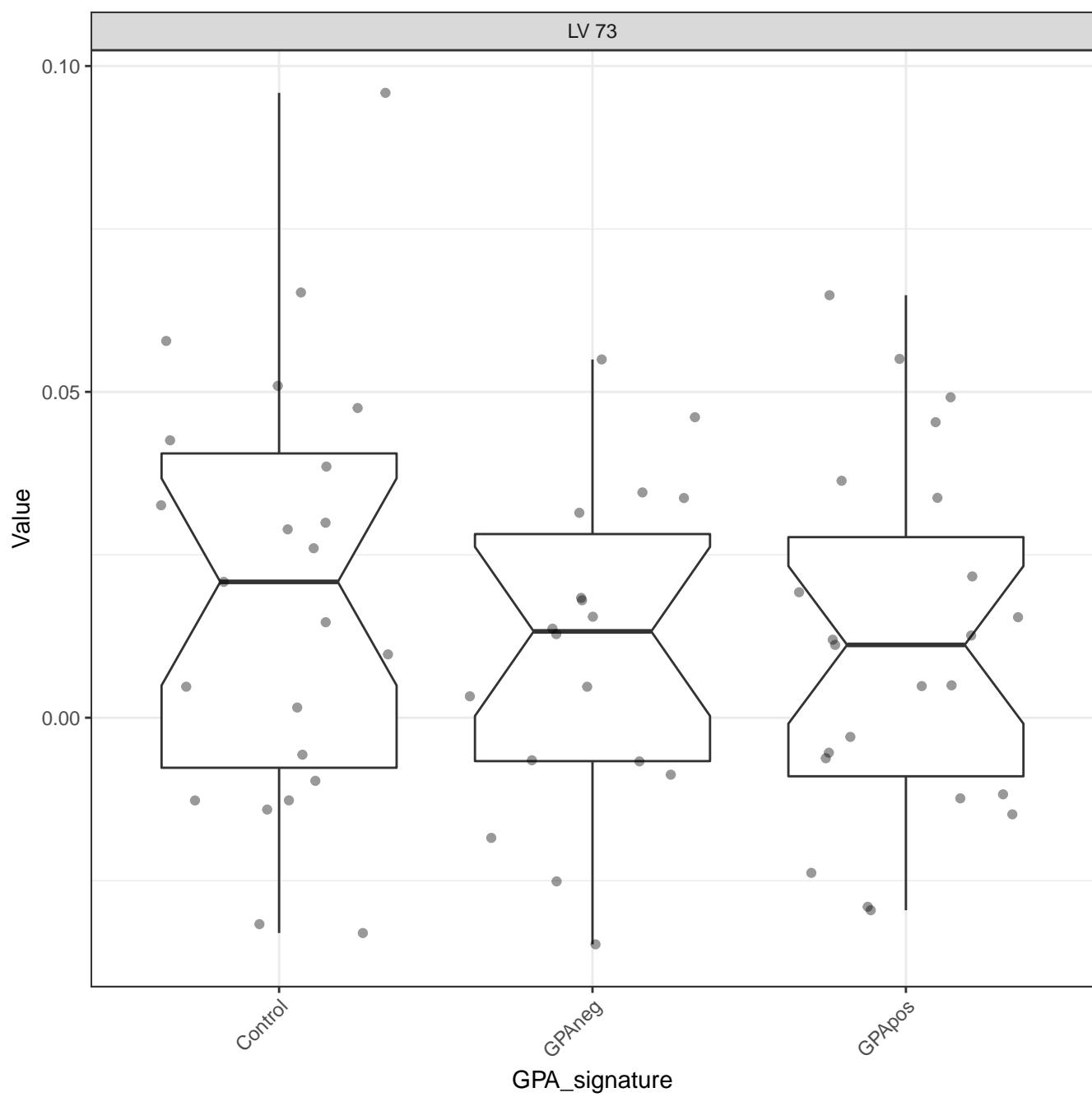
LV 71



LV 72

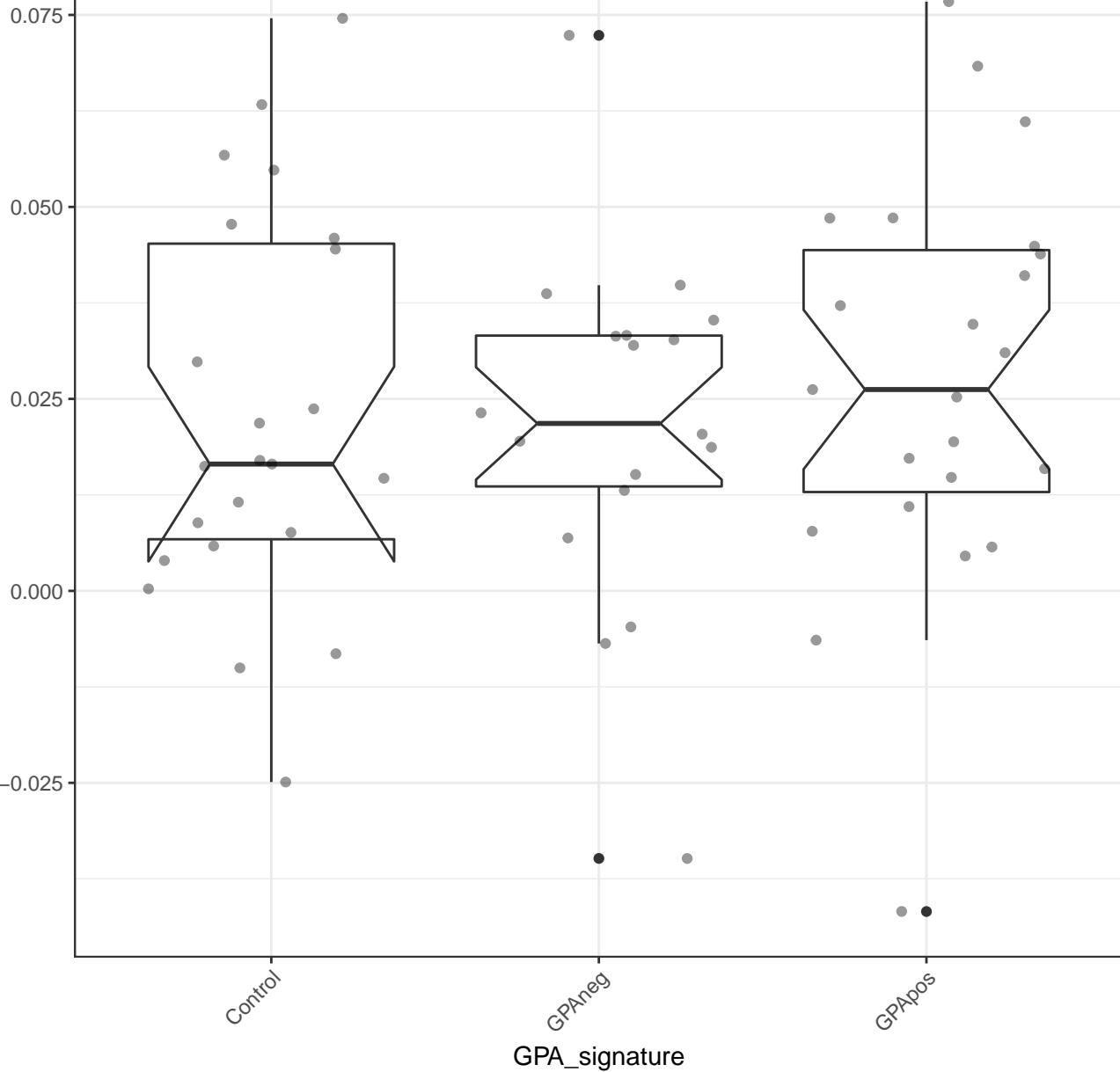


LV 73



74,REACTOME_UNFOLDED_PROTEIN_RESPONSE

Value



LV 75

Value

0.05

0.00

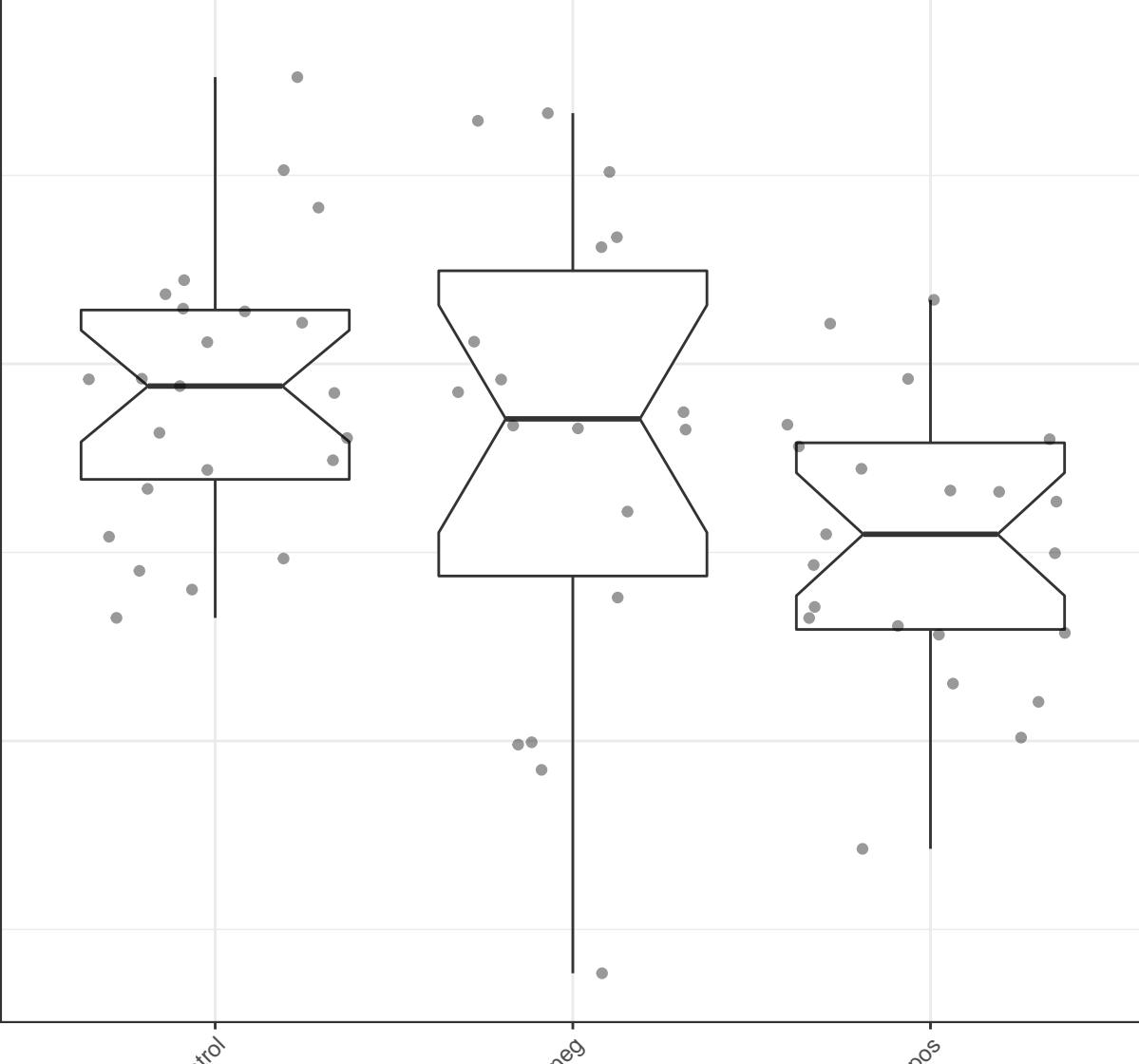
-0.05

Control

GPA_signature

GPAneg

GPApos



LV 76

Value

0.025

0.000

-0.025

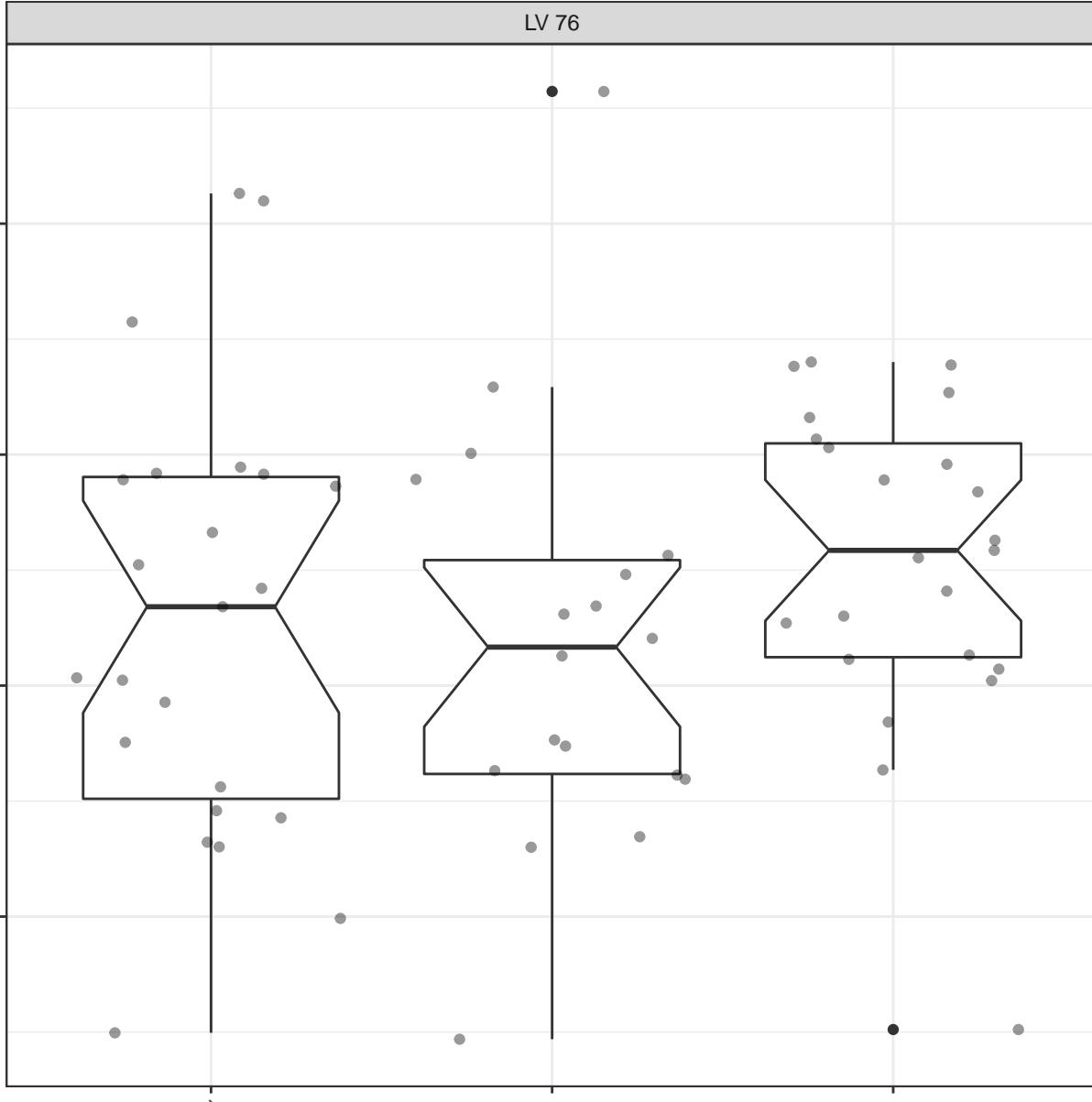
-0.050

Control

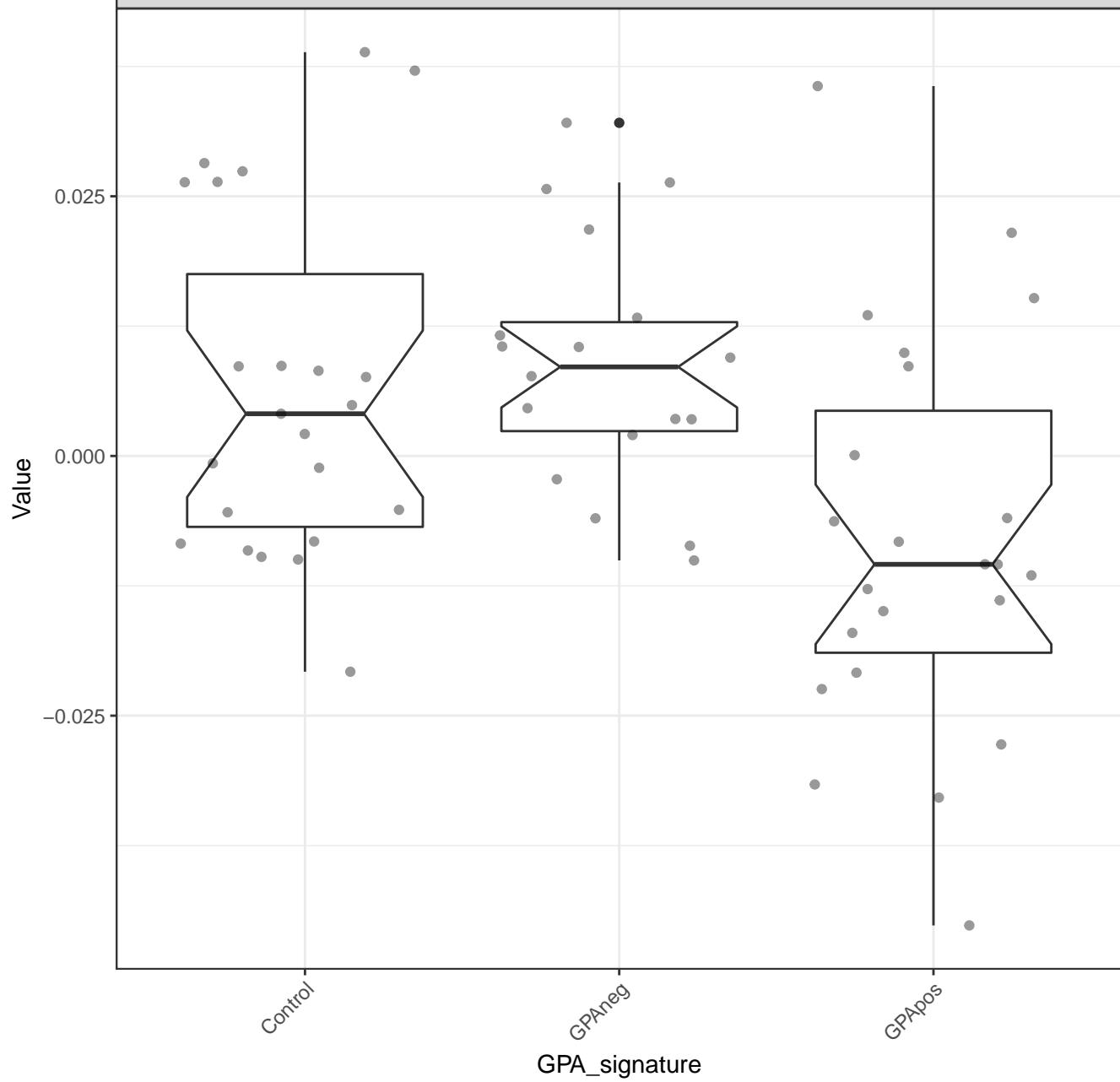
GPA_signature

GPAneg

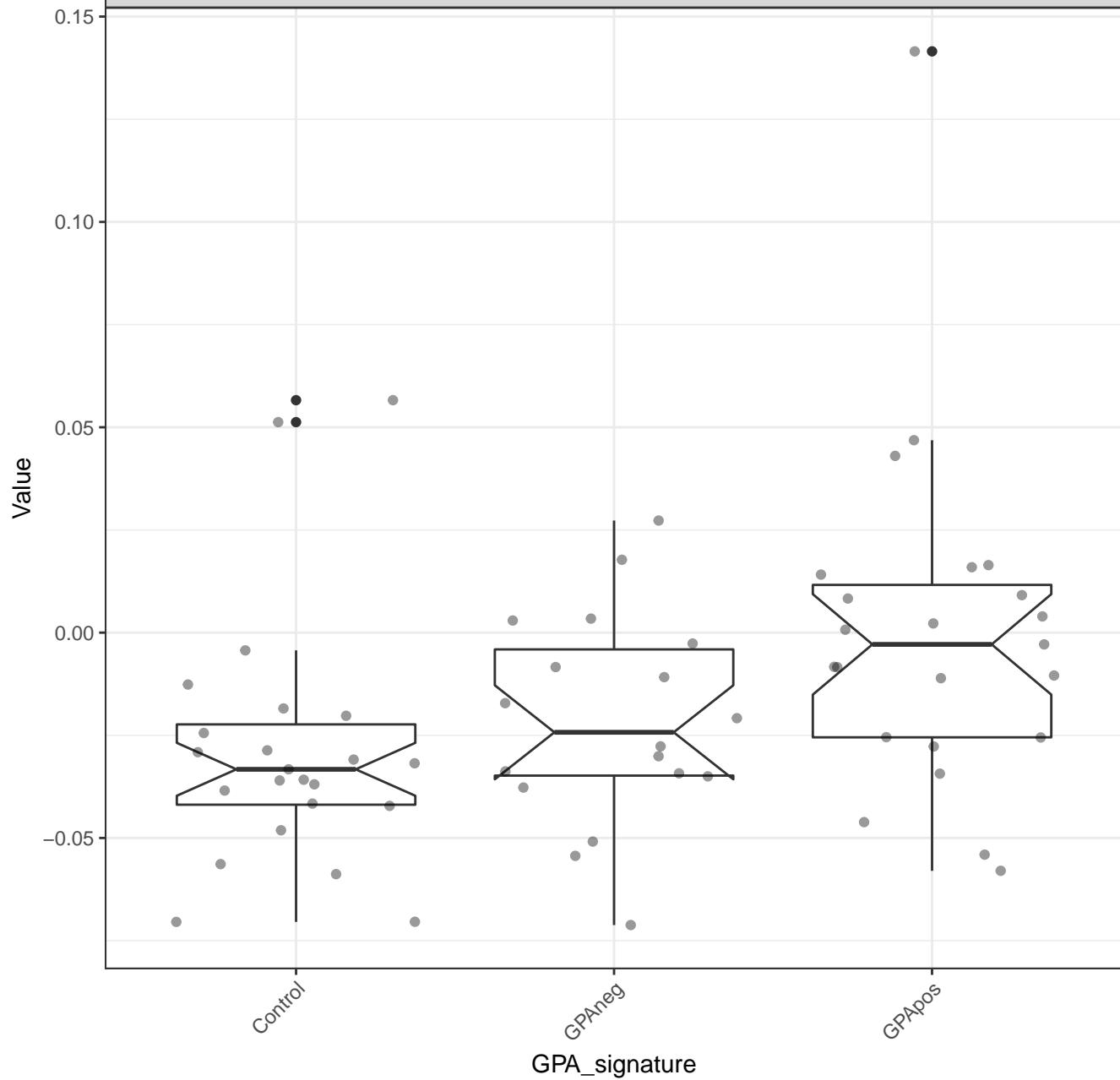
GPAPos



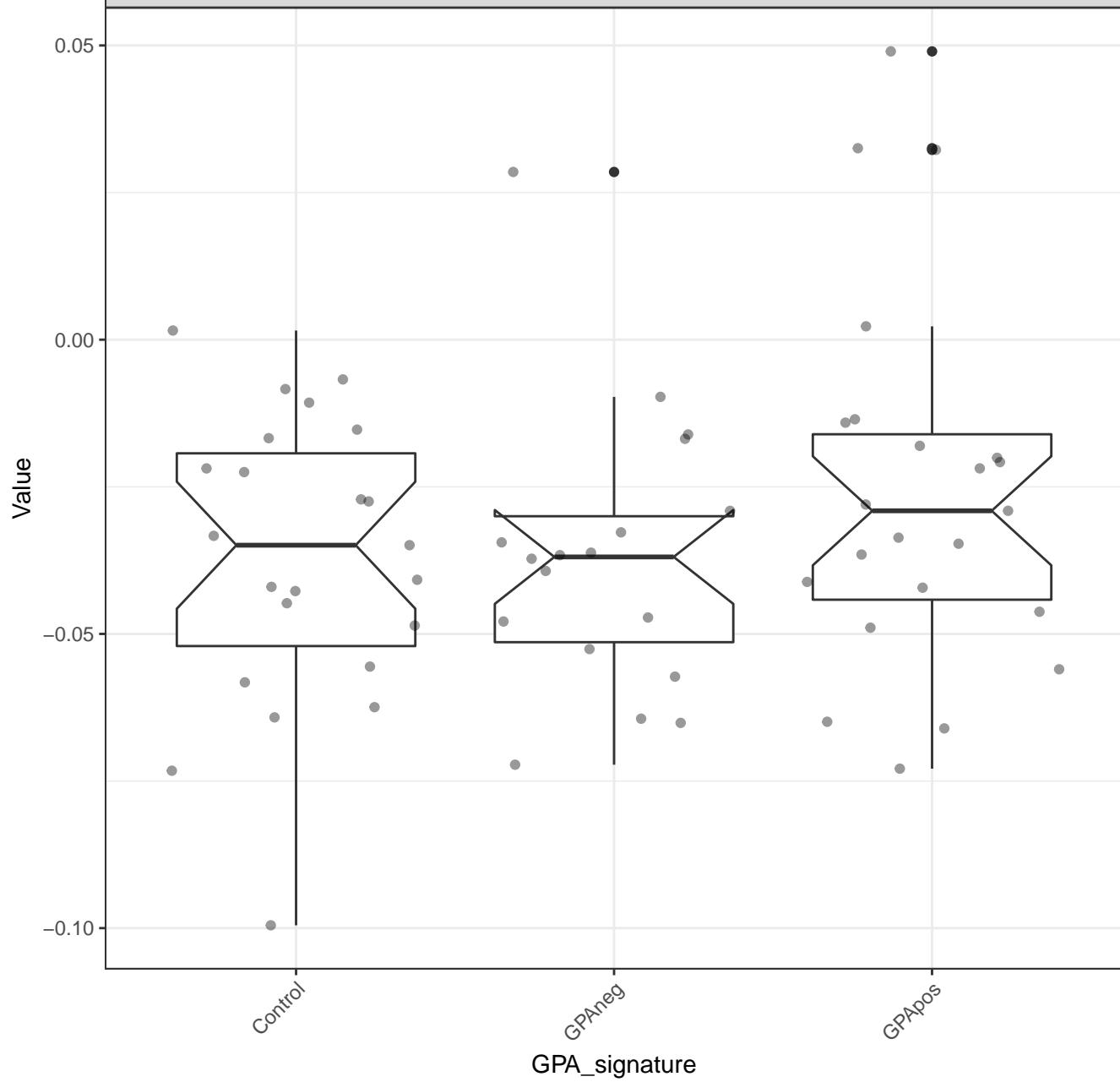
LV 77



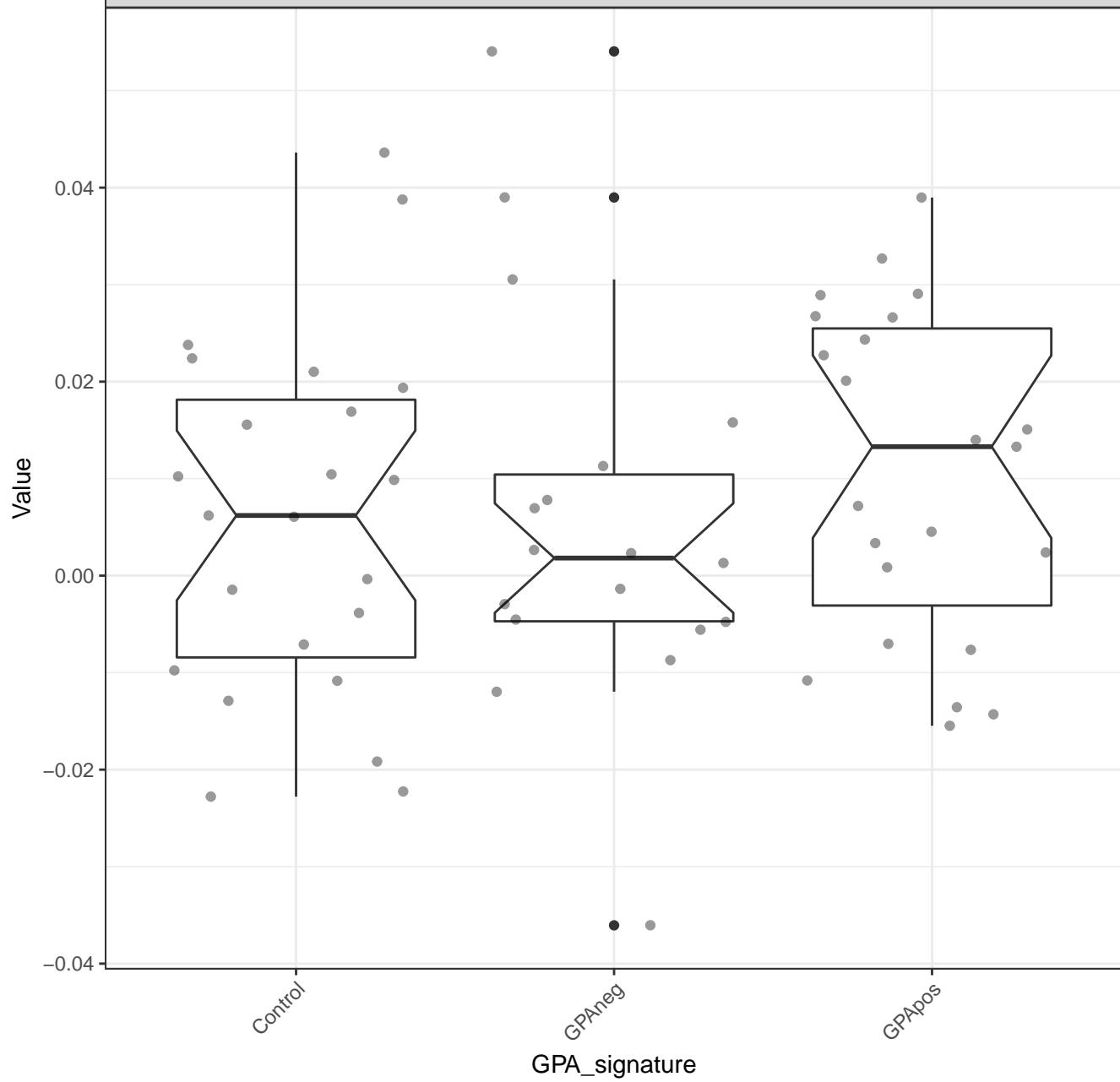
LV 78



LV 79



LV 80



81,PID_INTEGRIN1_PATHWAY

Value

0.04

0.00

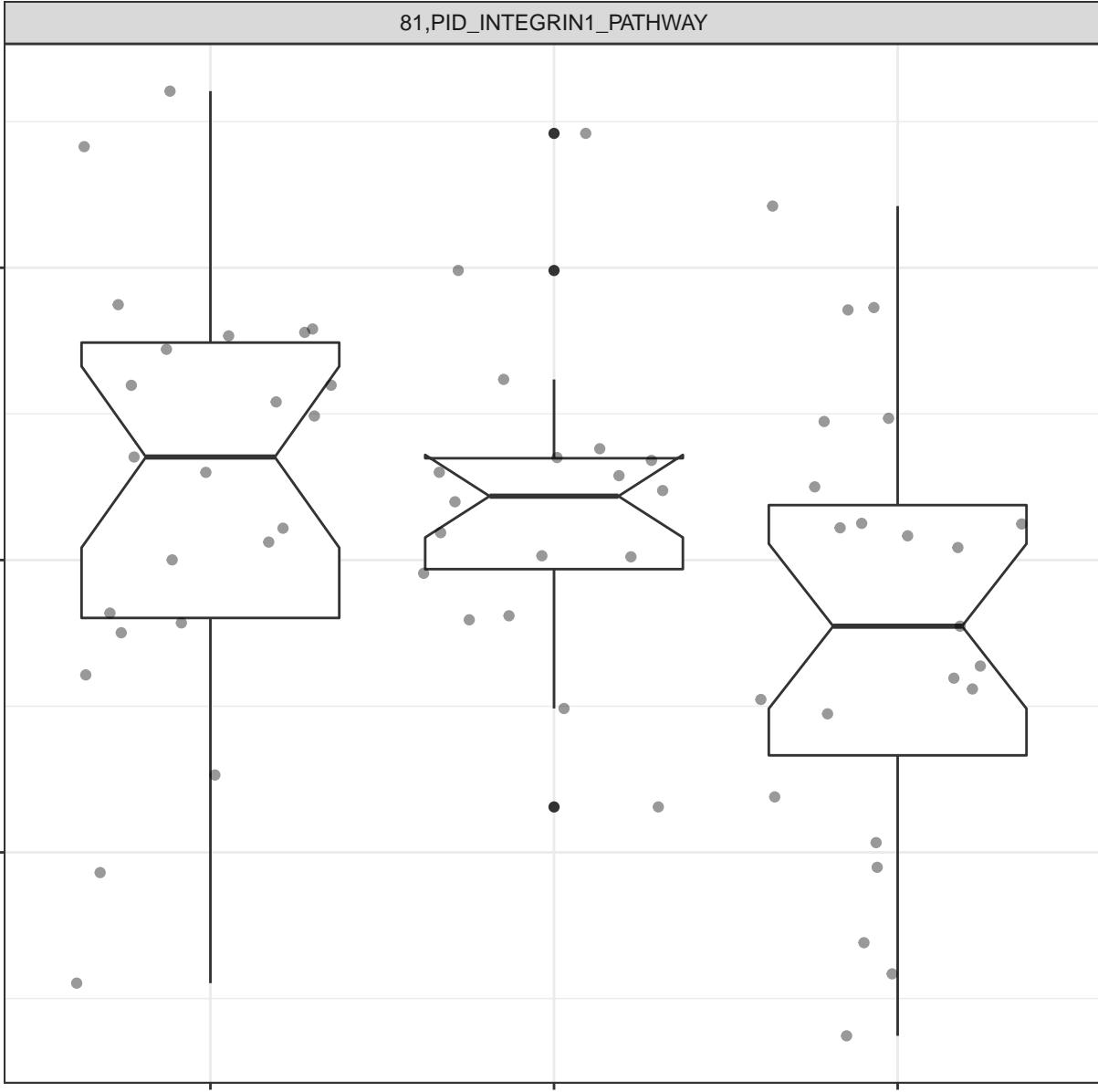
-0.04

Control

GPA_signature

GPAneg

GPAPos



82,PID_RAC1_PATHWAY

Value

0.08

0.04

0.00

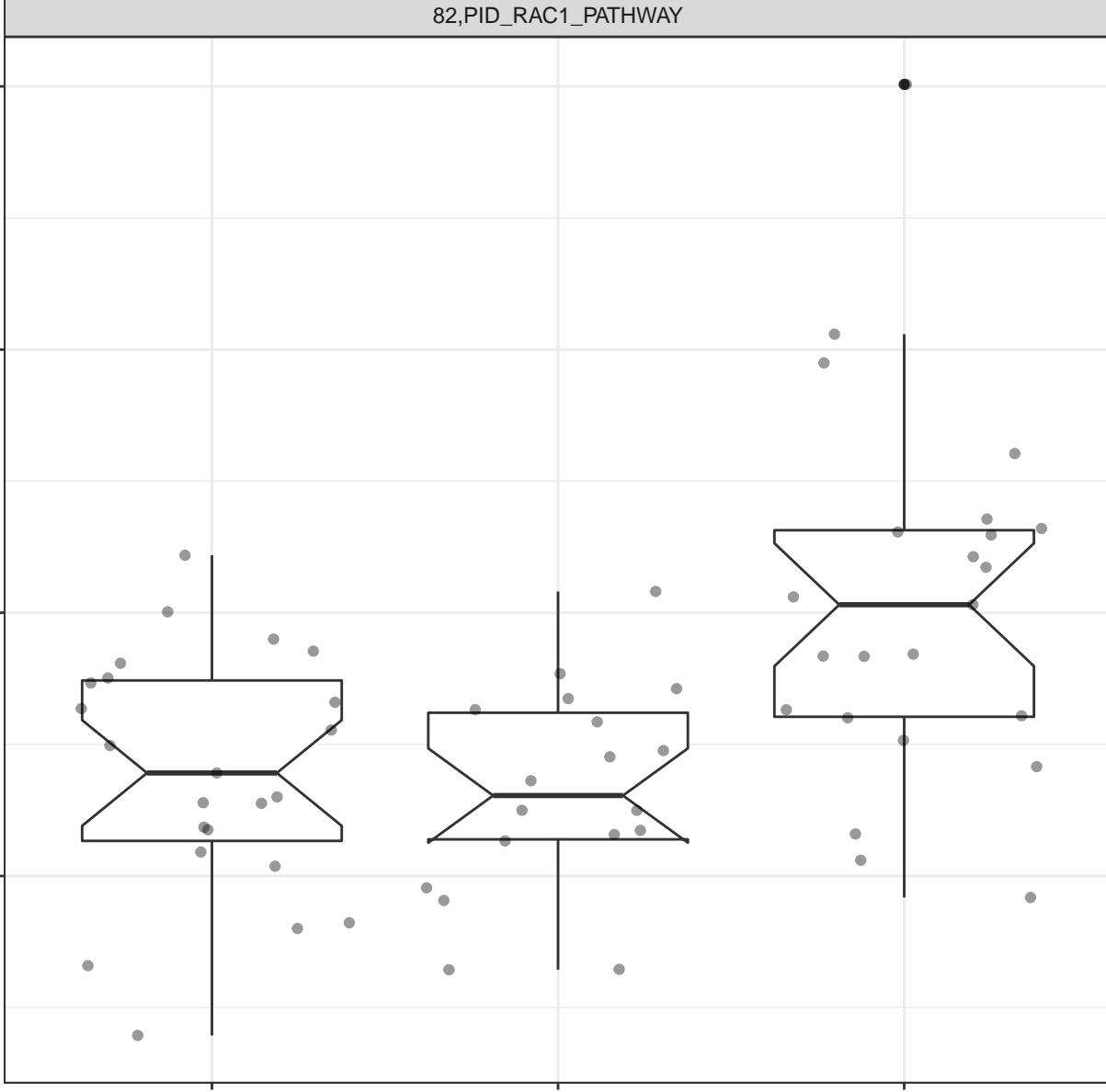
-0.04

Control

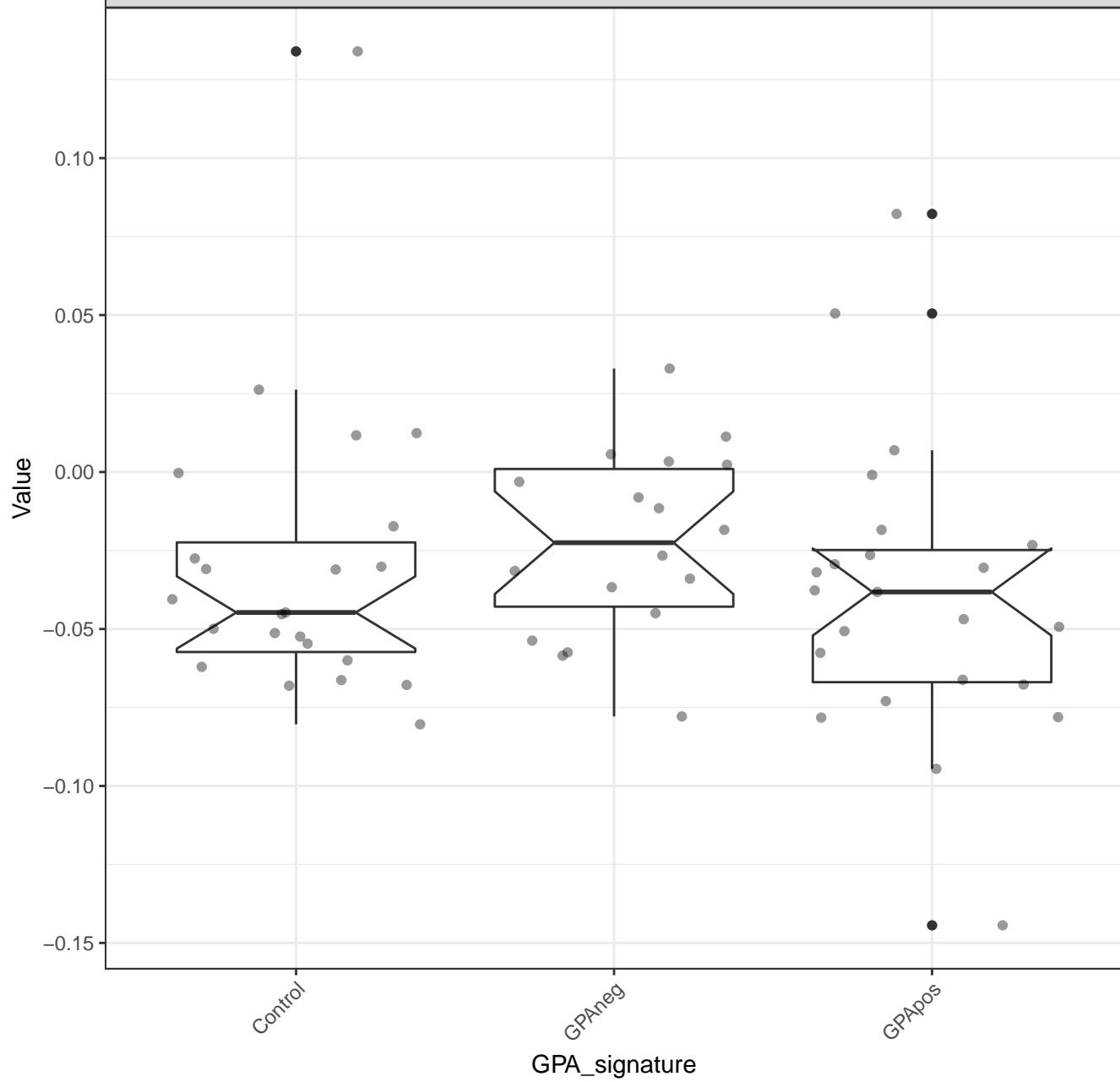
GPAneg

GPAPos

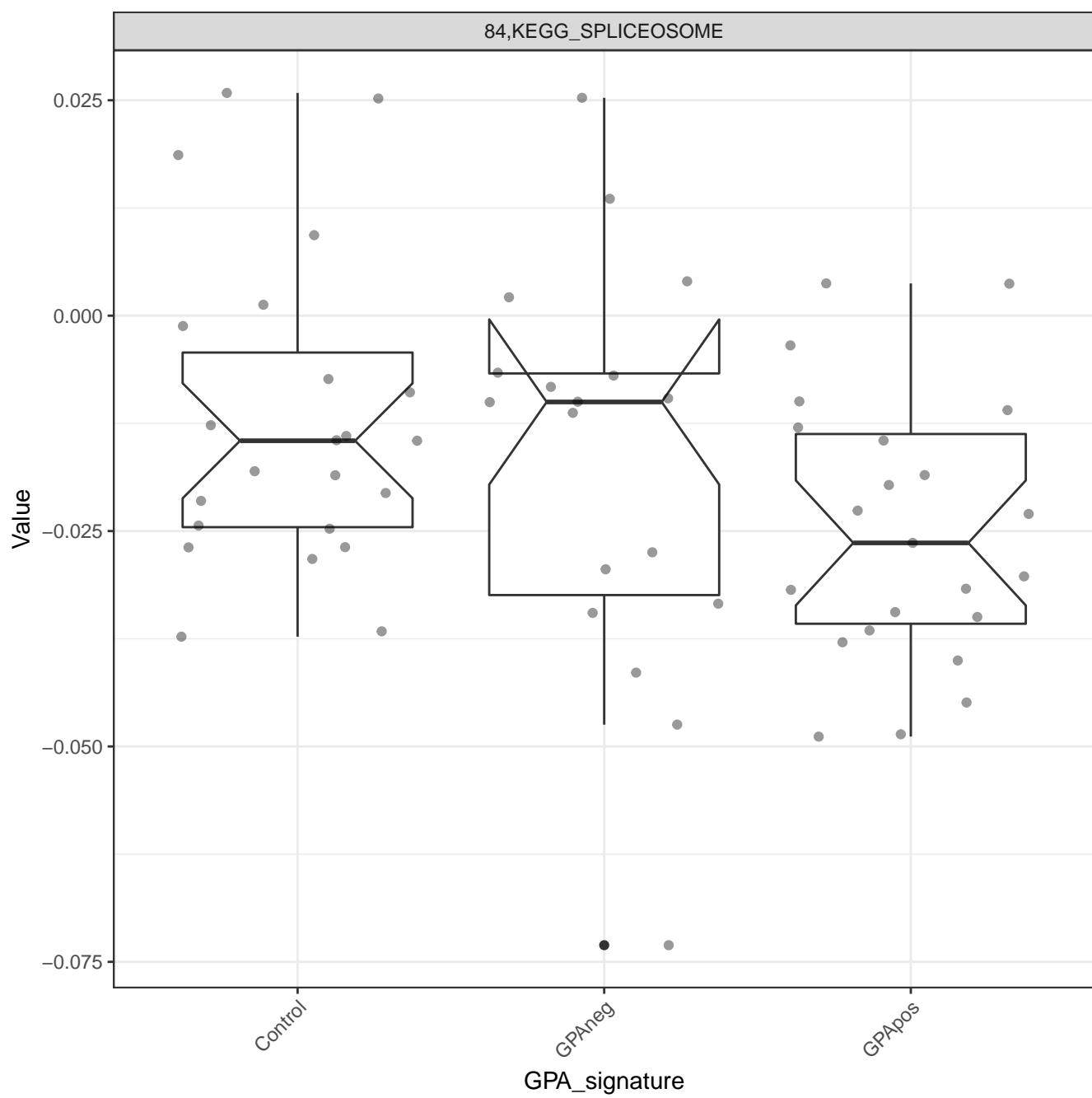
GPA_signature

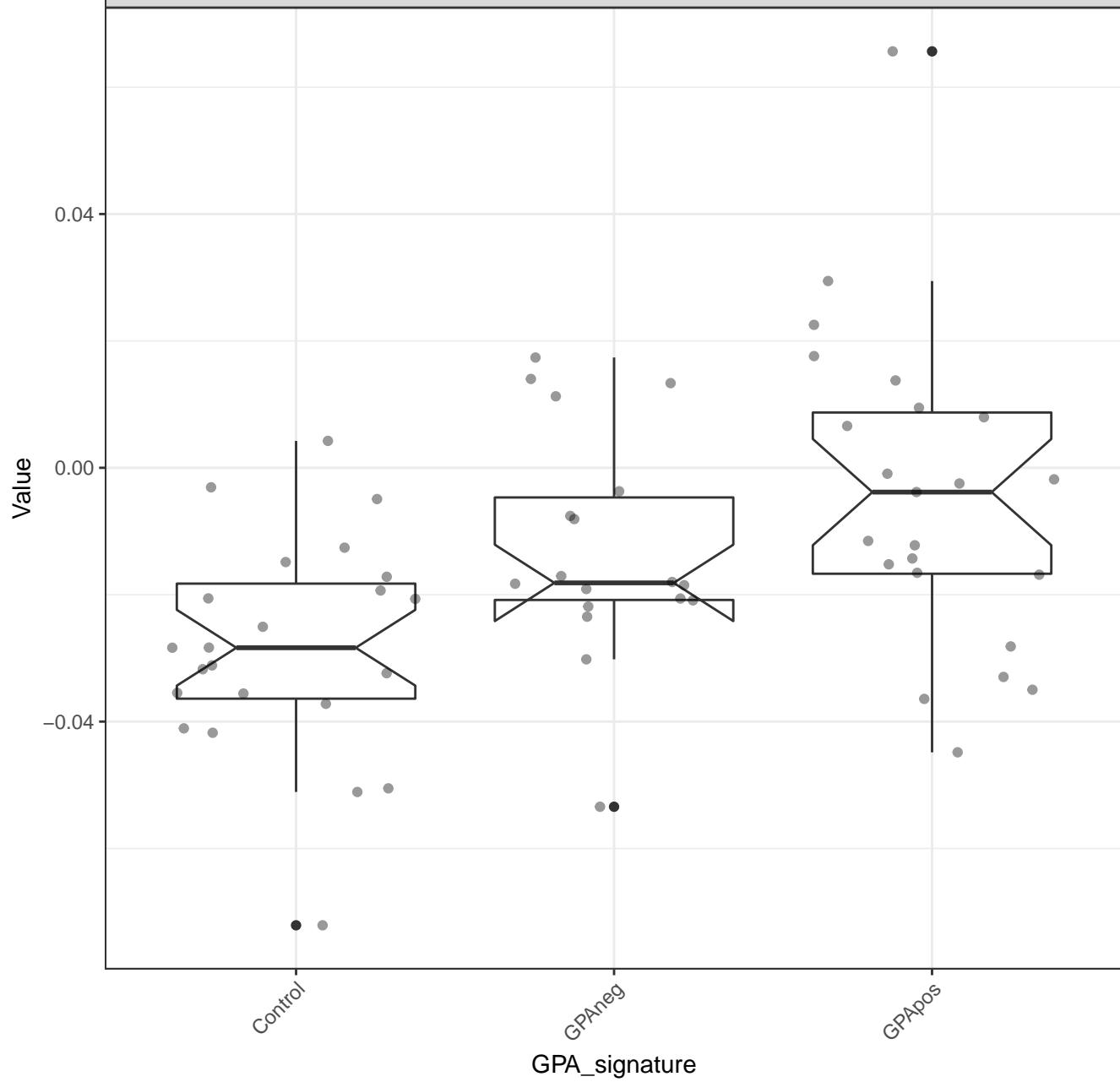


LV 83



84,KEGG_SPLICEOSOME





LV 86

Value

0.02

0.00

-0.02

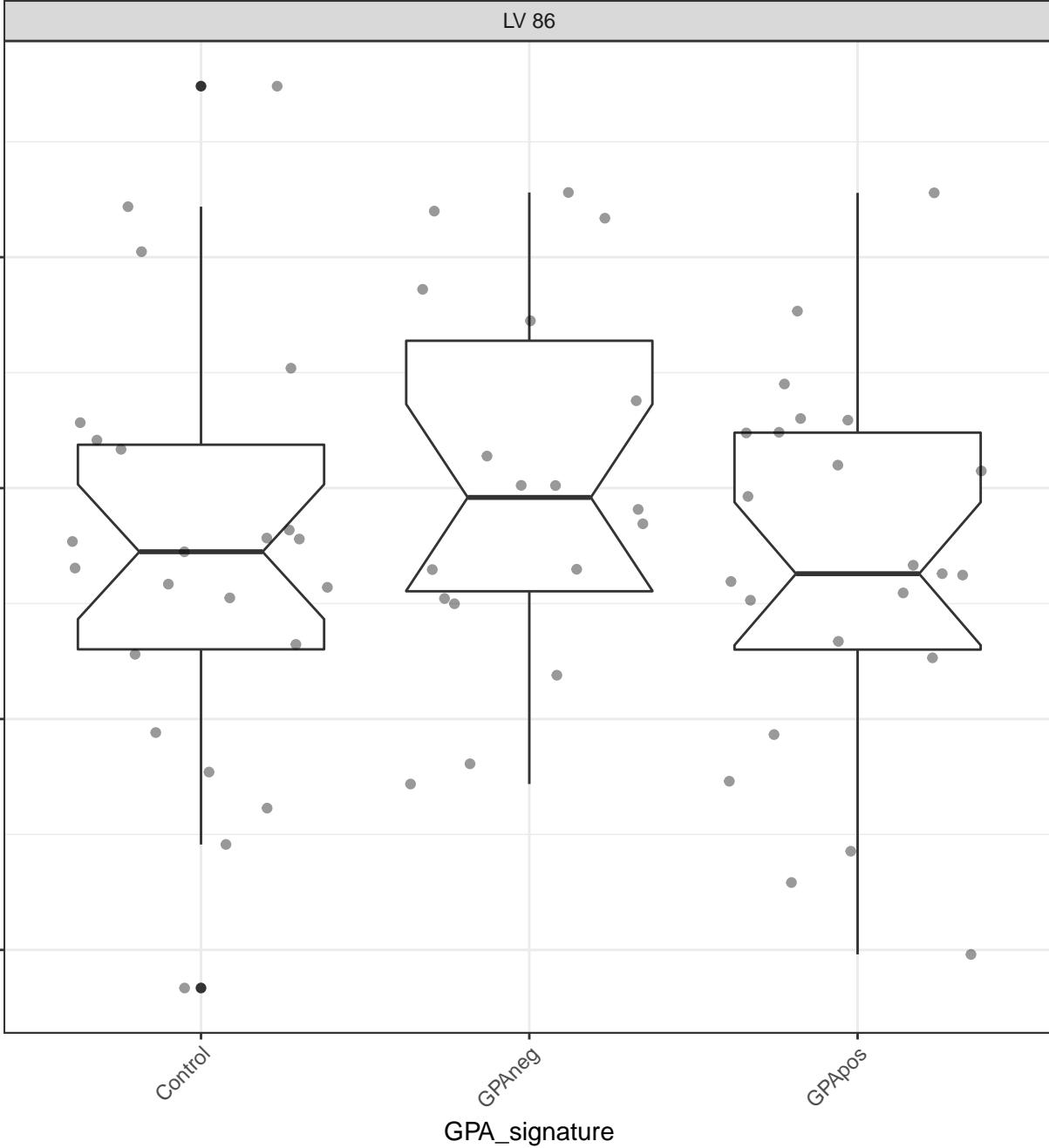
-0.04

Control

GPAneg

GPAPos

GPA_signature



LV 87

Value

0.04

0.02

0.00

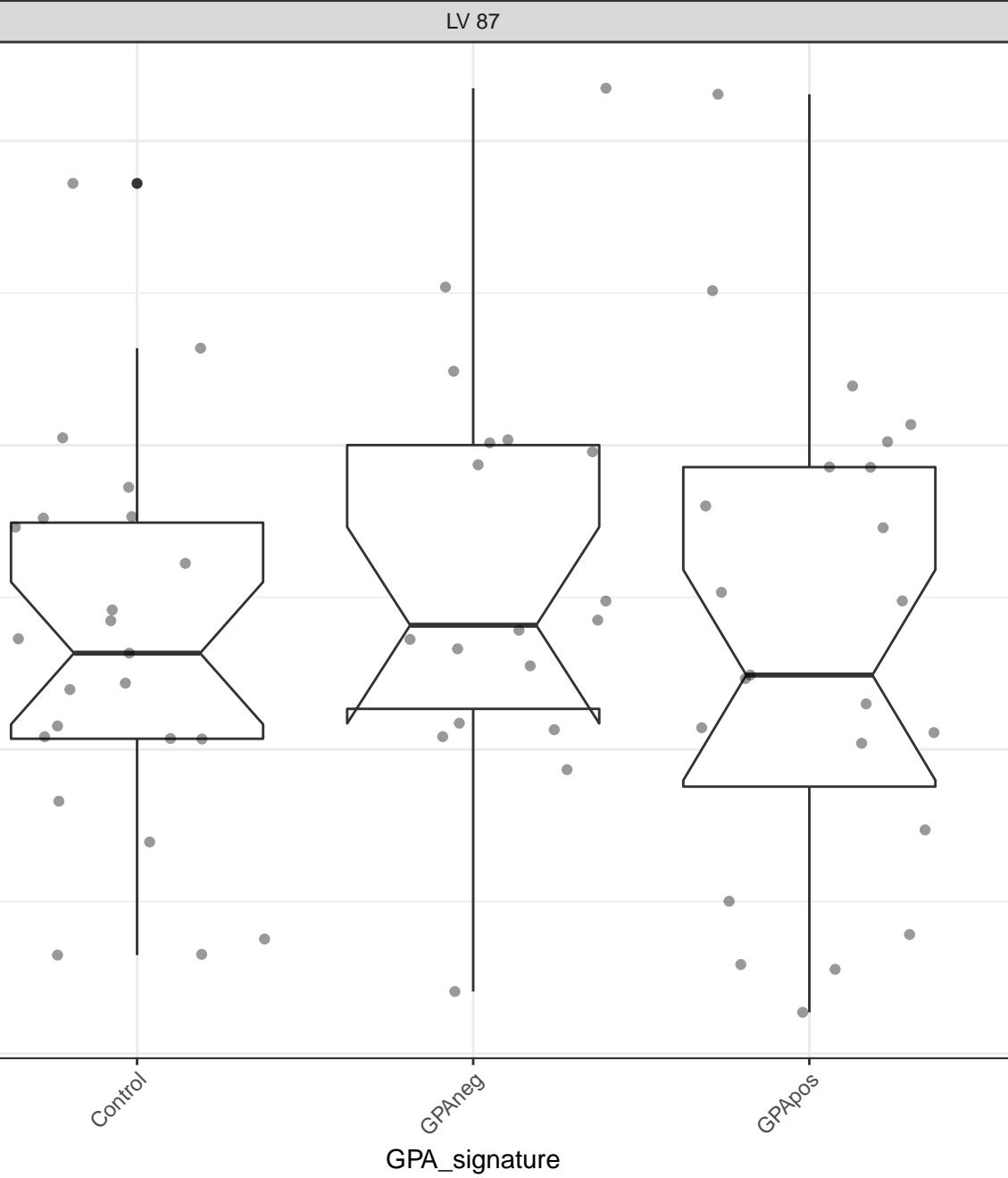
-0.02

Control

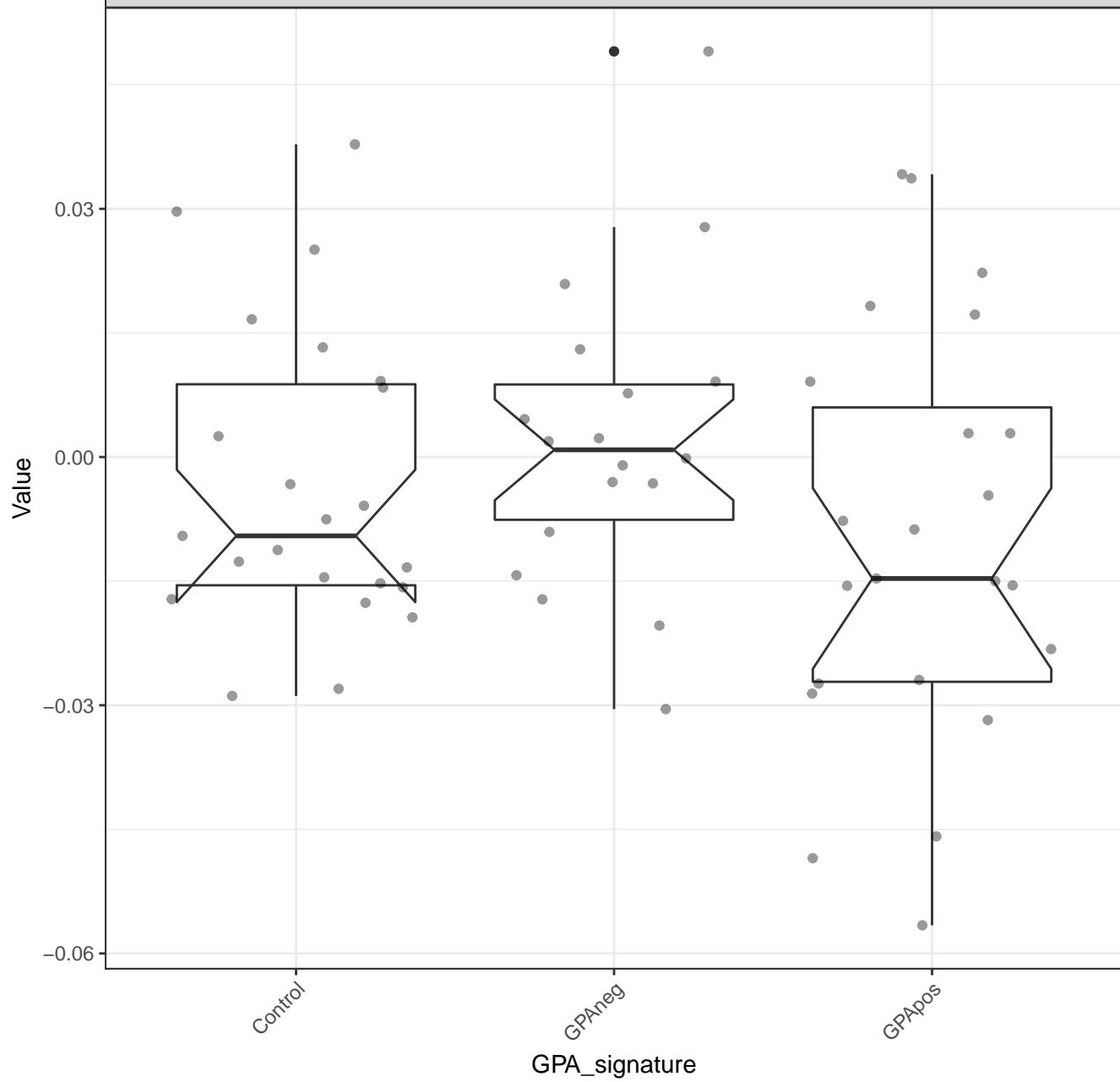
GPA_signature

GPAneg

GPAPos



LV 88



LV 89

Value

0.04

0.02

0.00

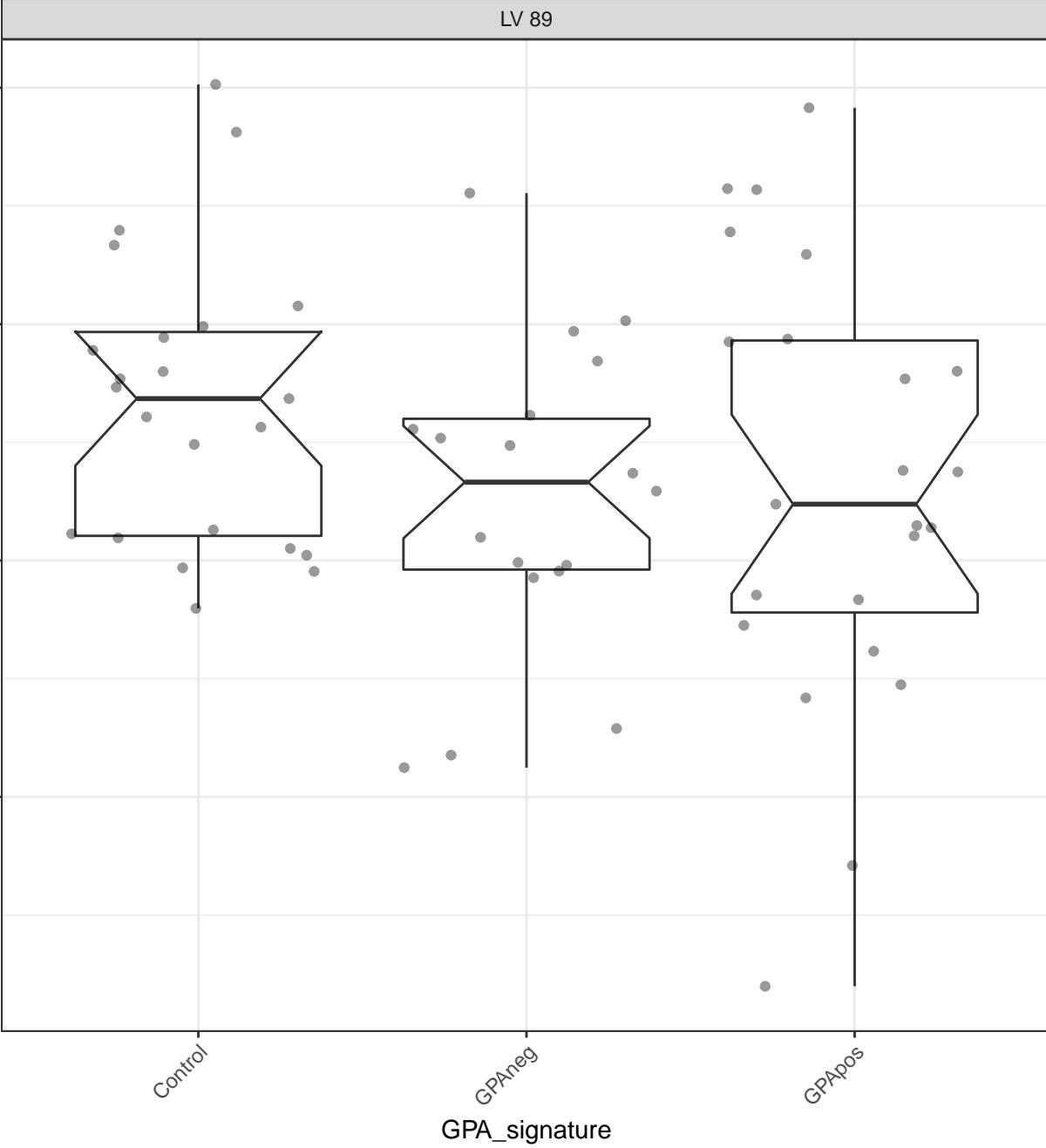
-0.02

Control

GPAneg

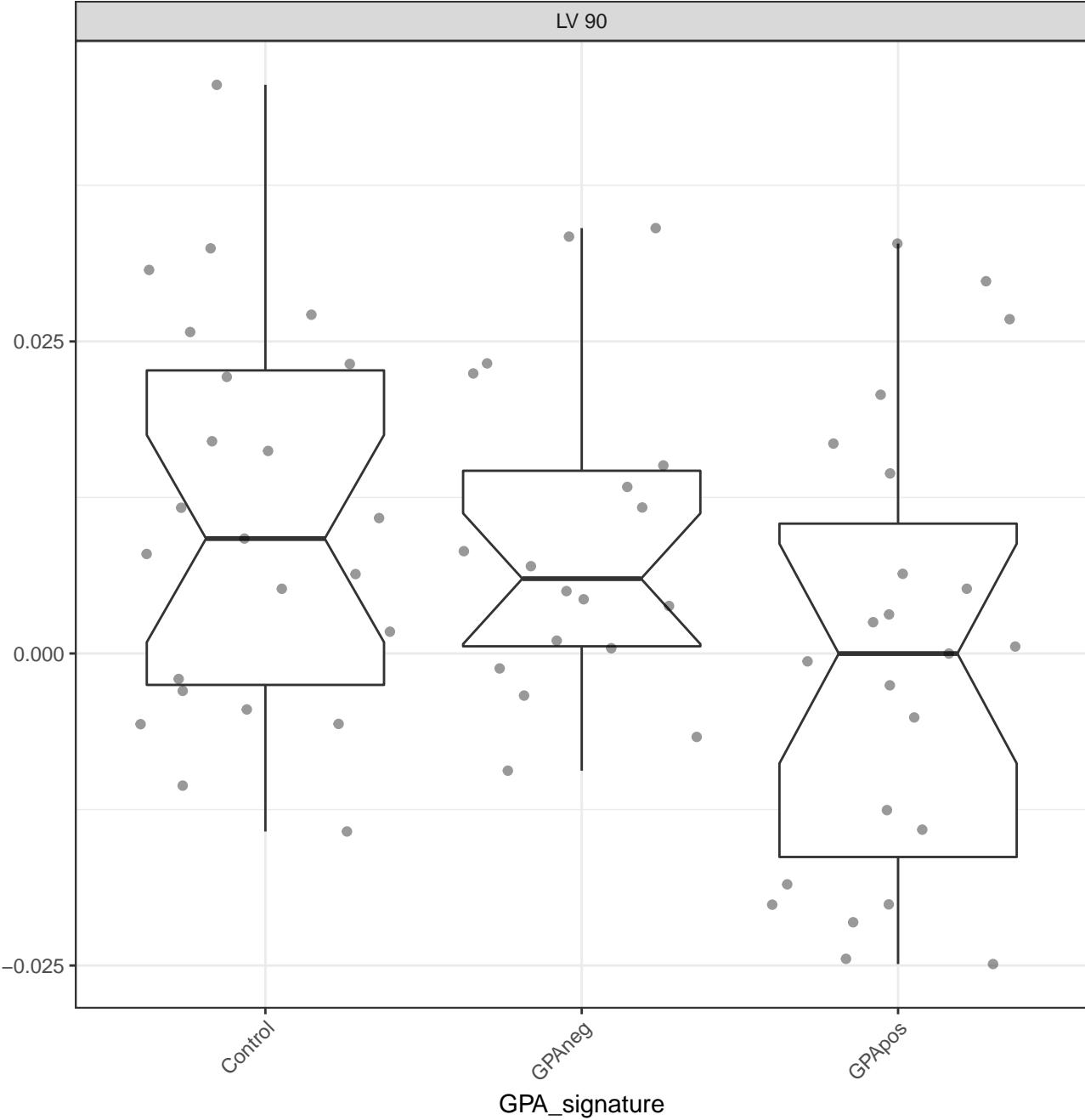
GPAPos

GPA_signature



LV 90

Value



91,KEGG_LYSOSOME

Value

0.15

0.10

0.05

0.00

-0.05

Control

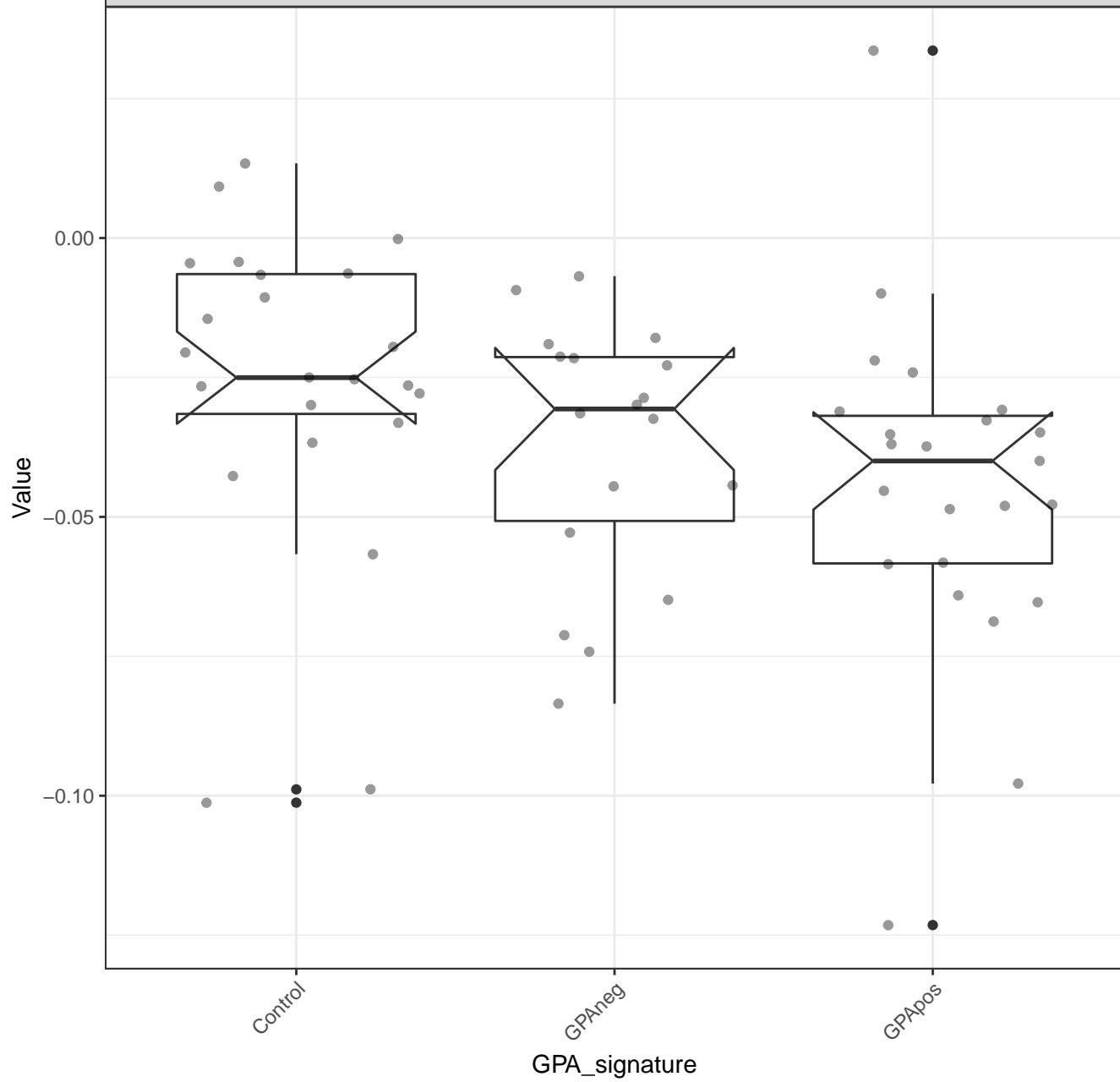
GPA_signature

GPAneg

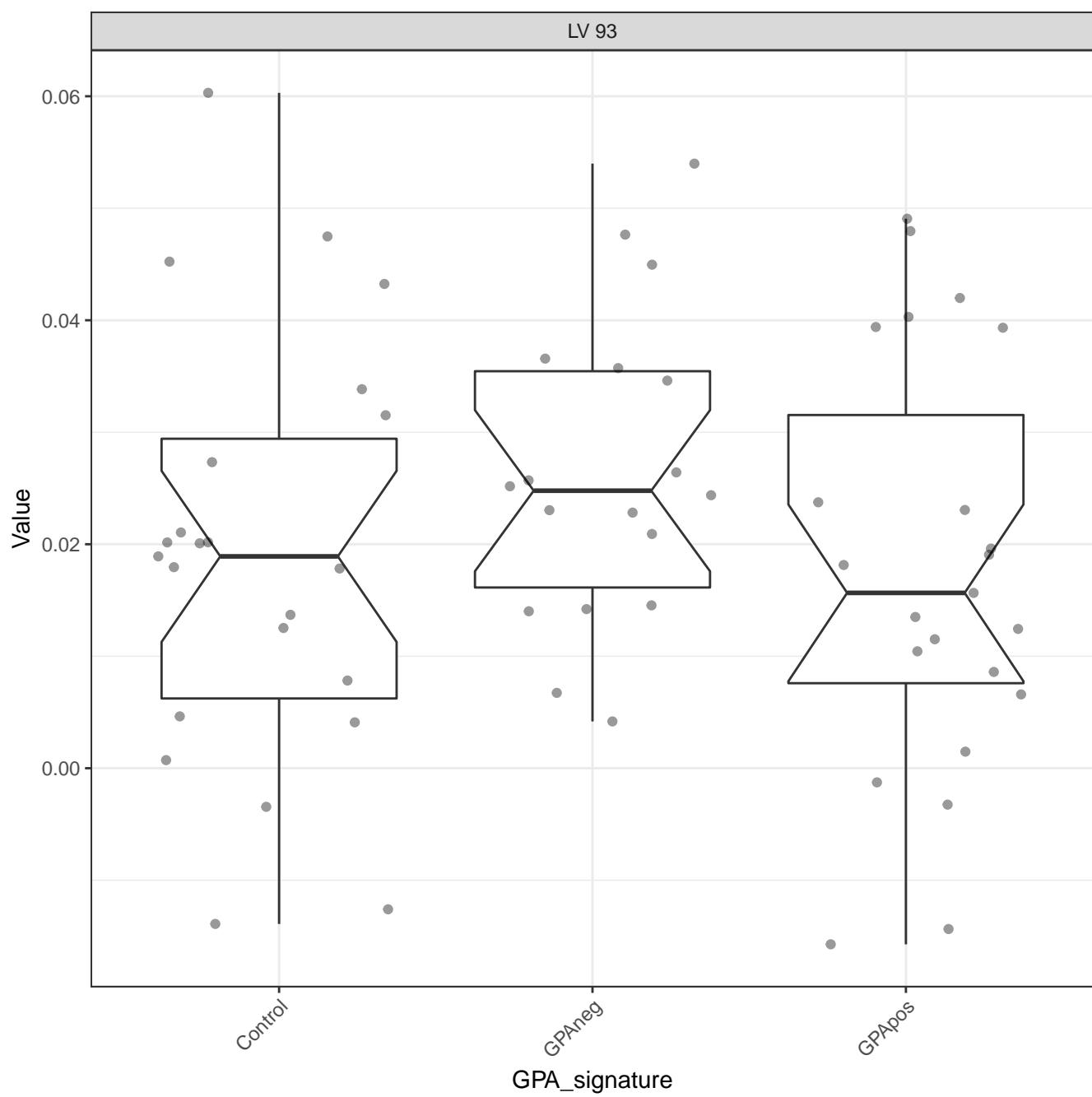
GPApos



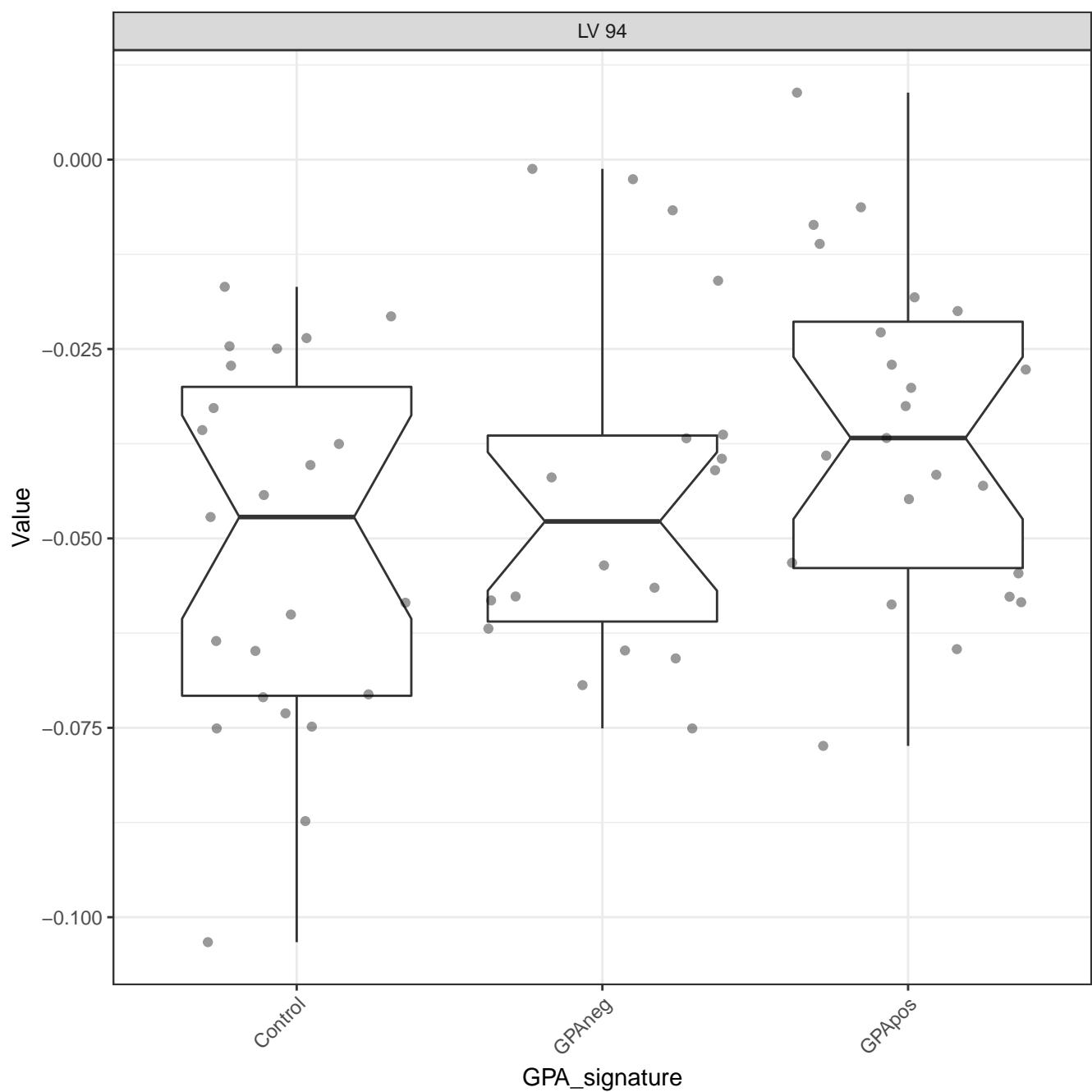
92,REACTOME_CHROMOSOME_MAINTENANCE



LV 93

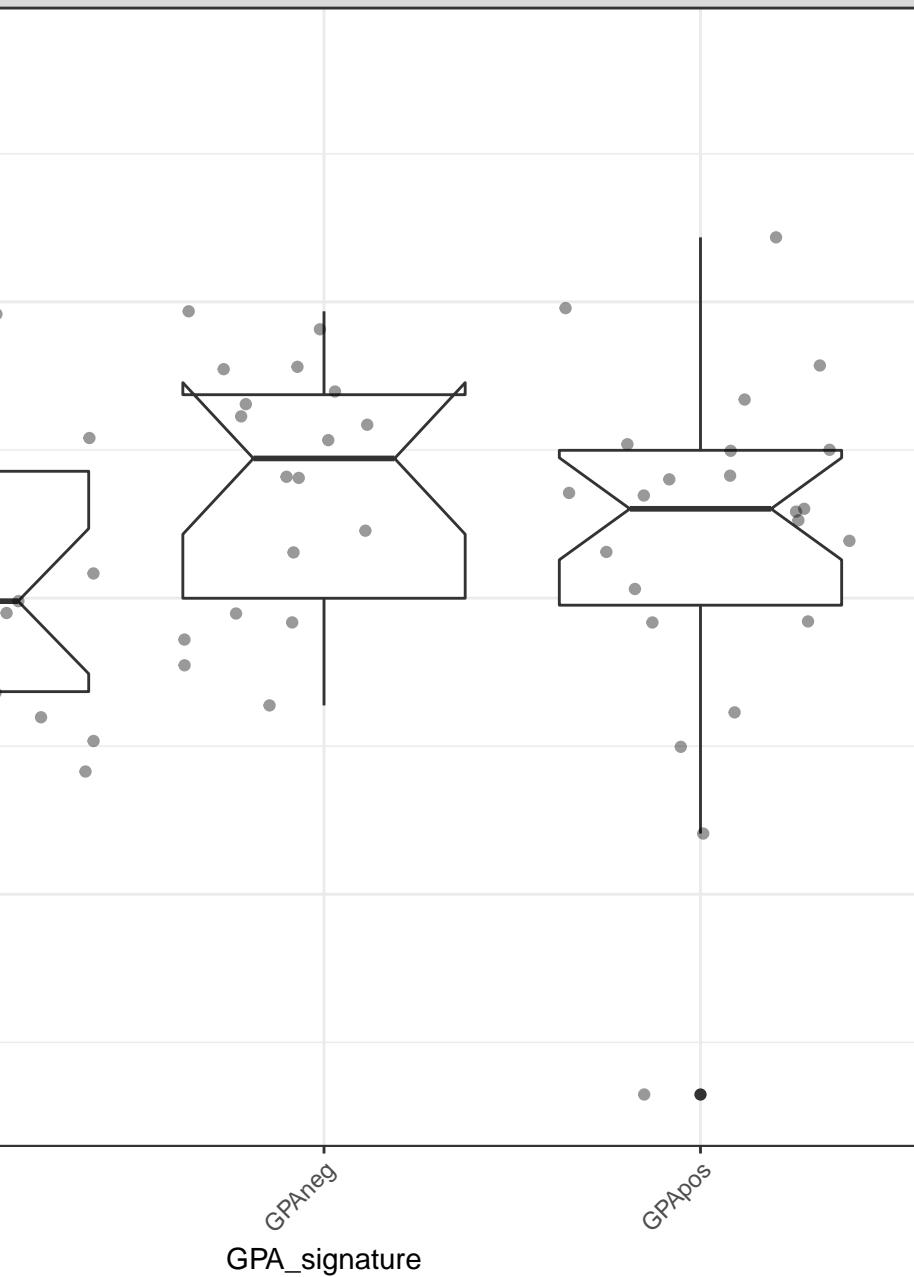


LV 94

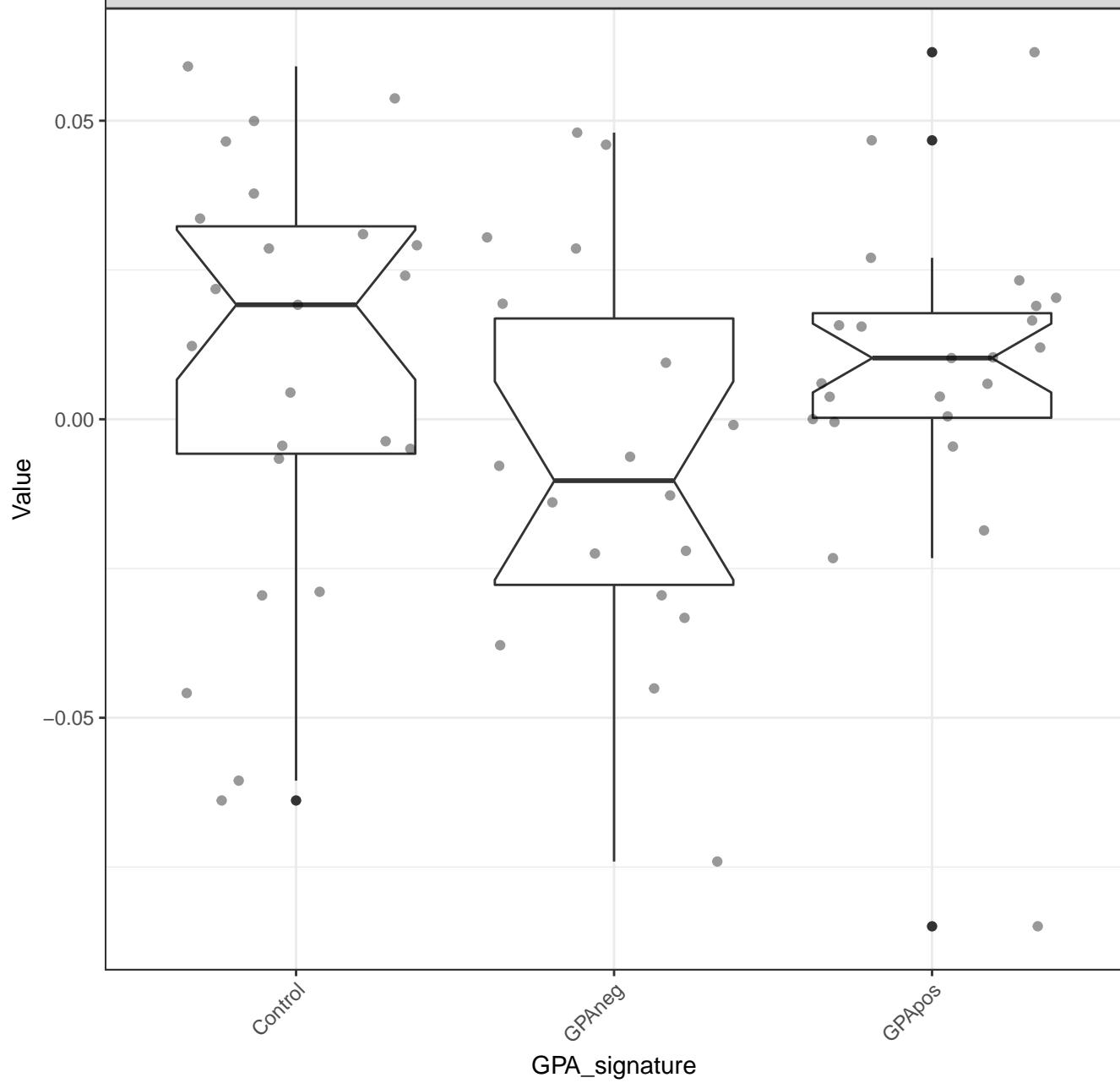


LV 95

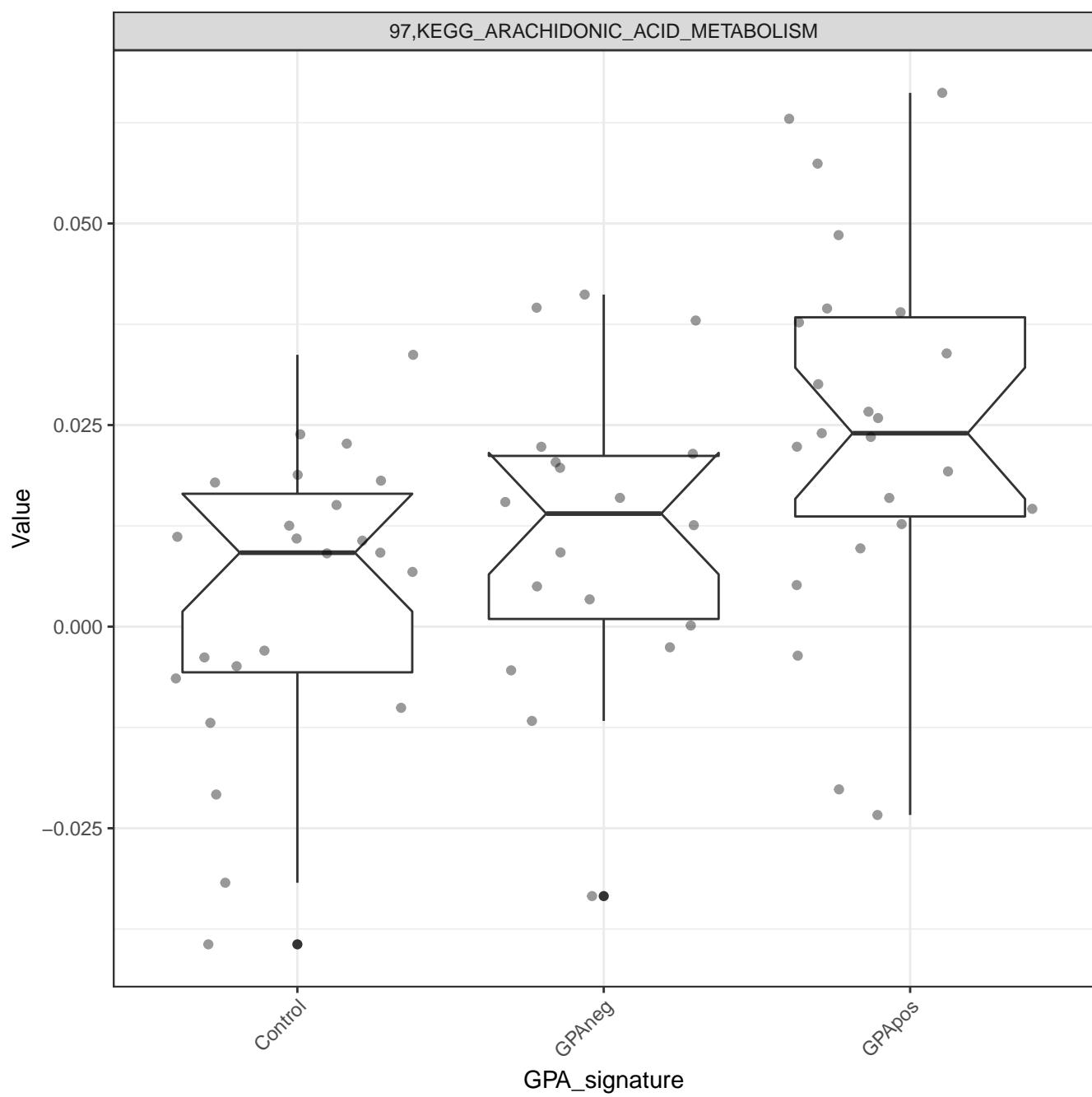
Value

0.00
-0.05
-0.10

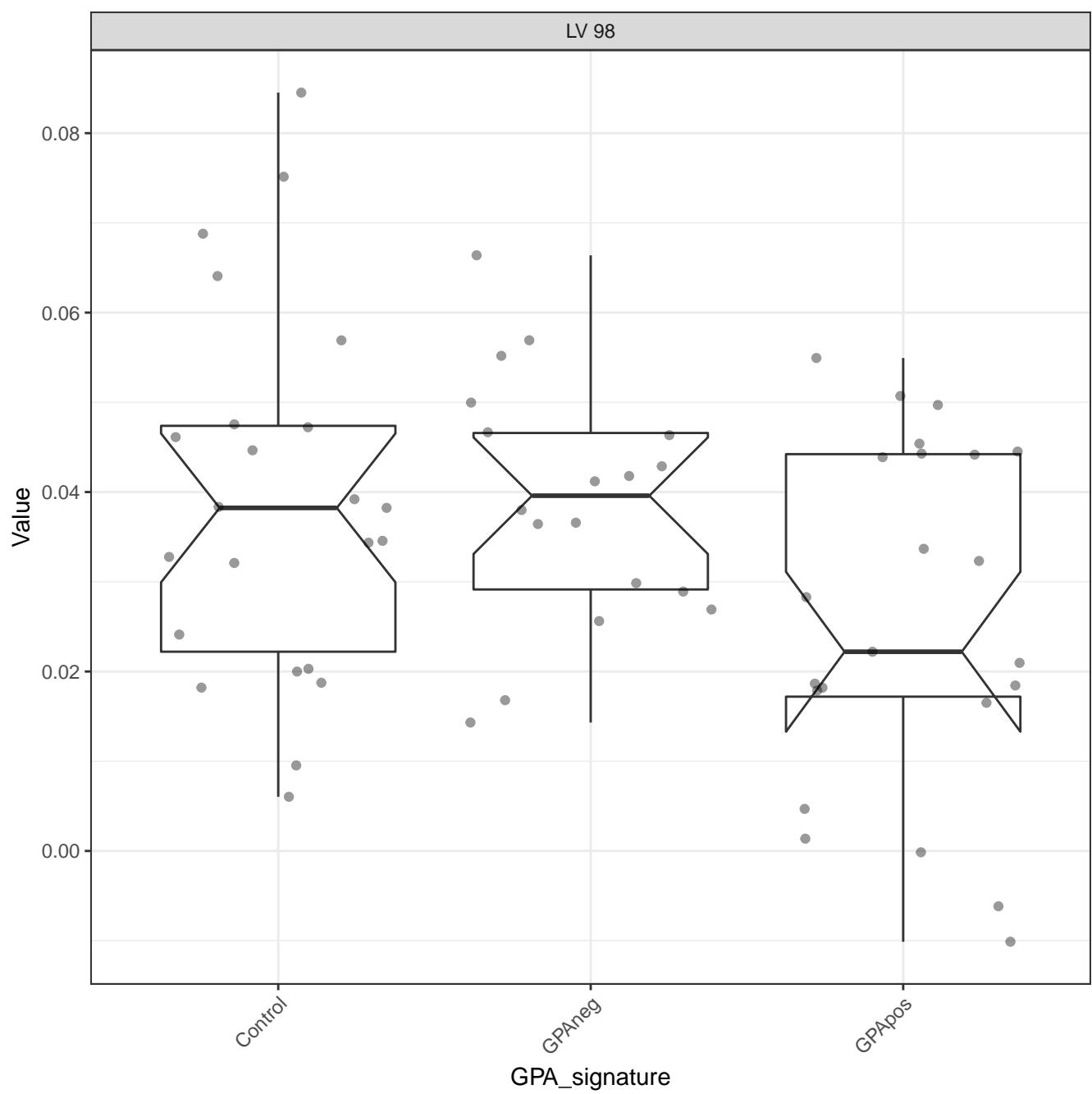
96,SVM NK cells activated



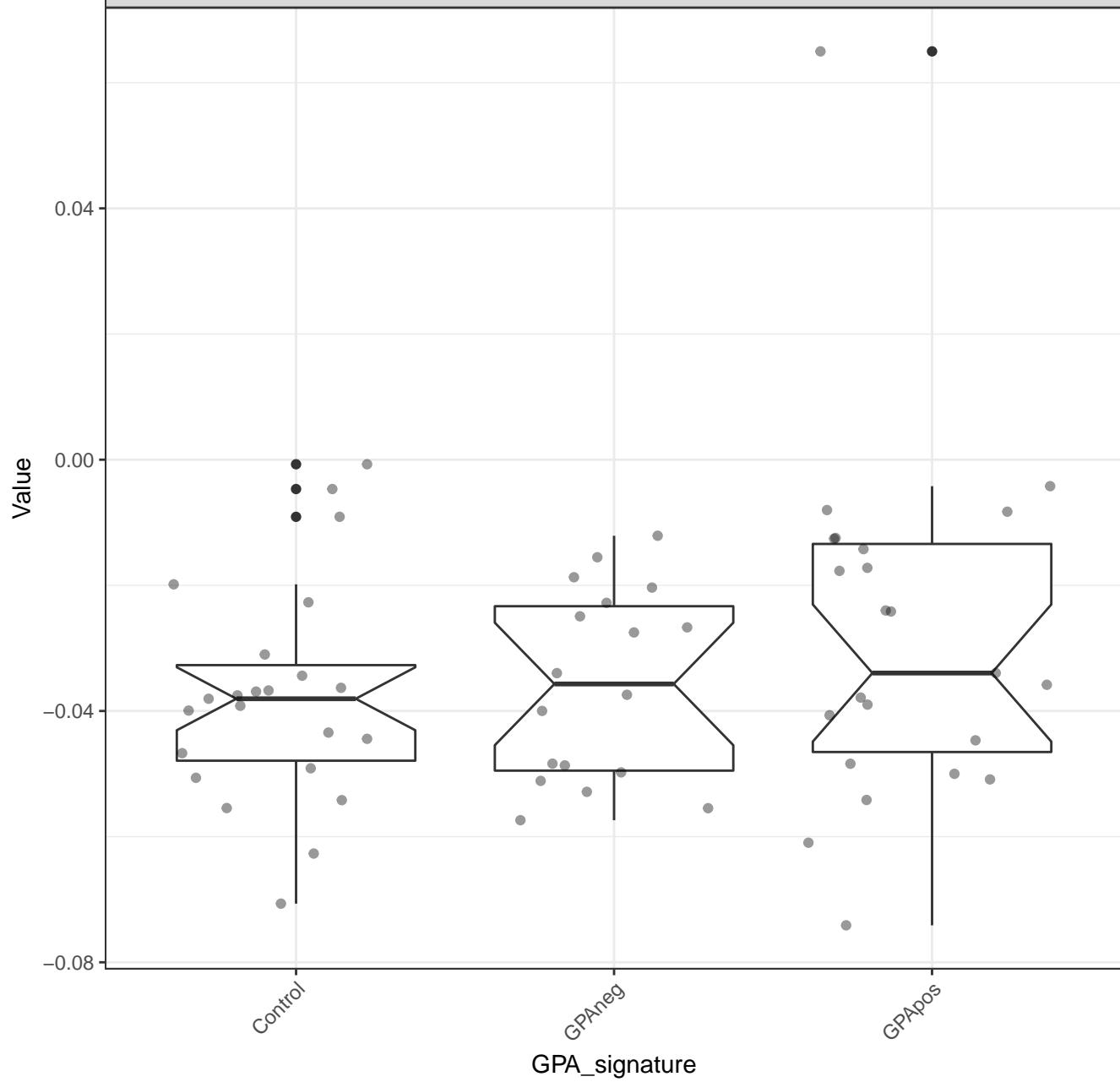
97,KEGG_ARACHIDONIC_ACID_METABOLISM



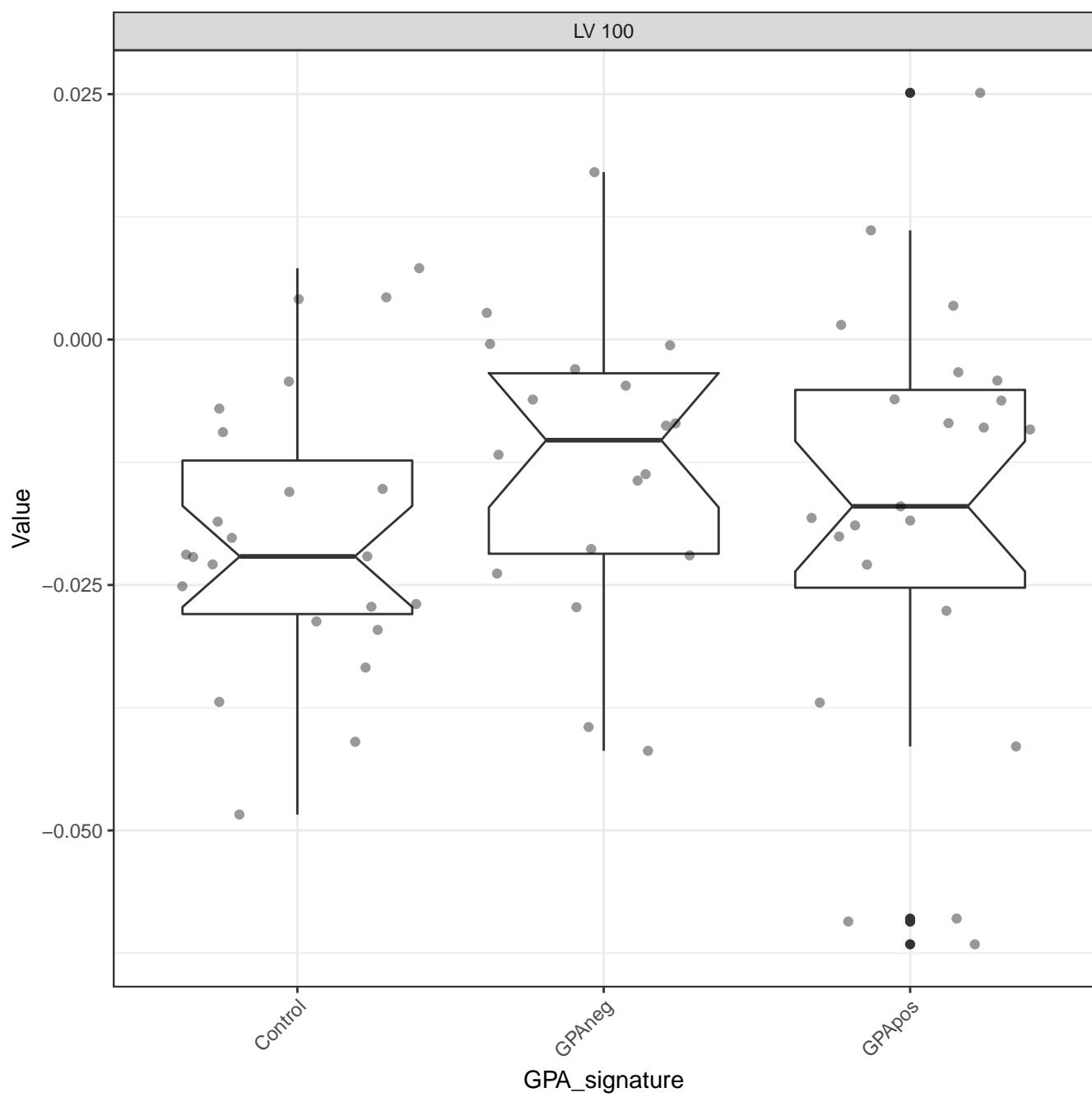
LV 98



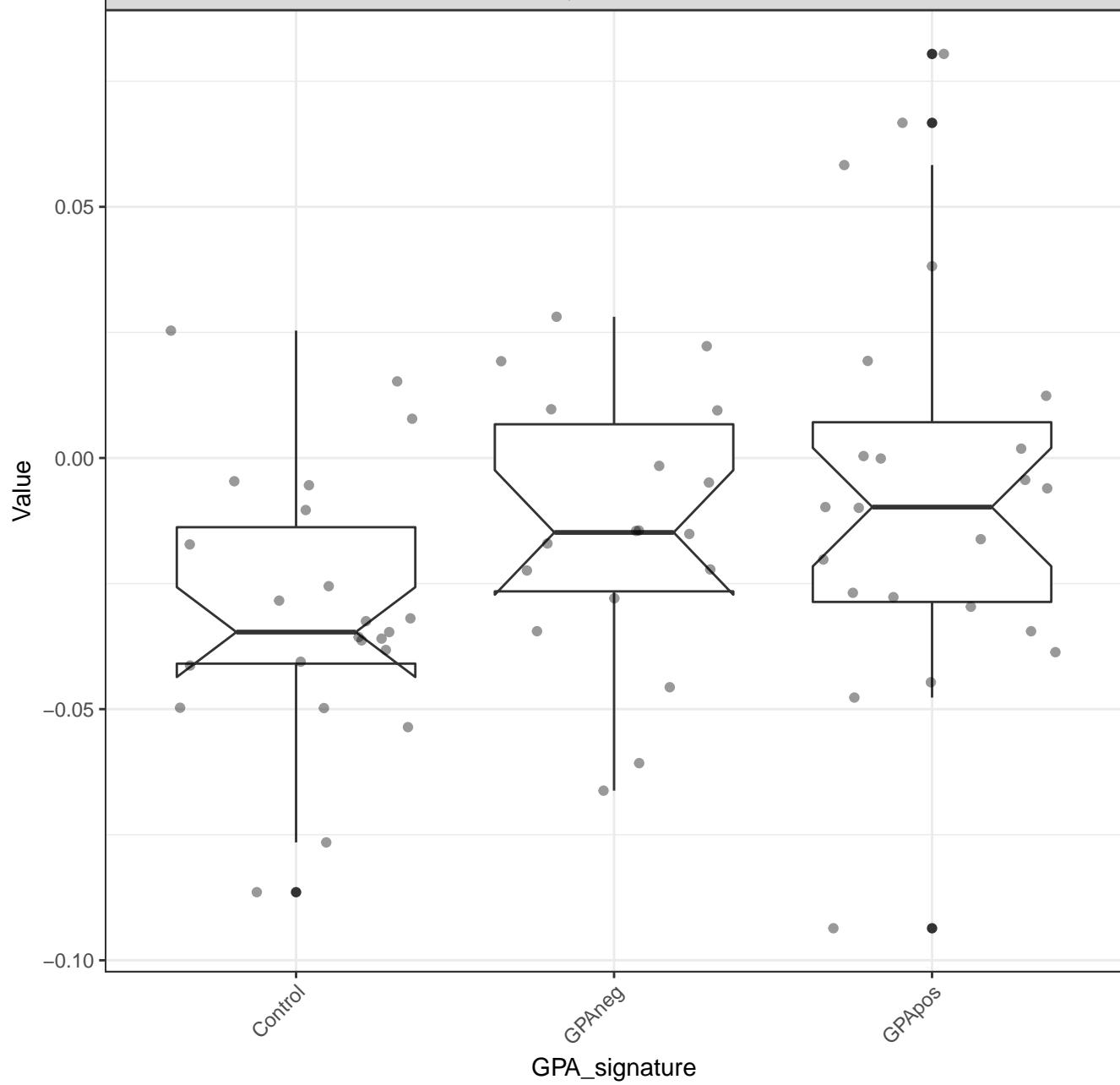
LV 99



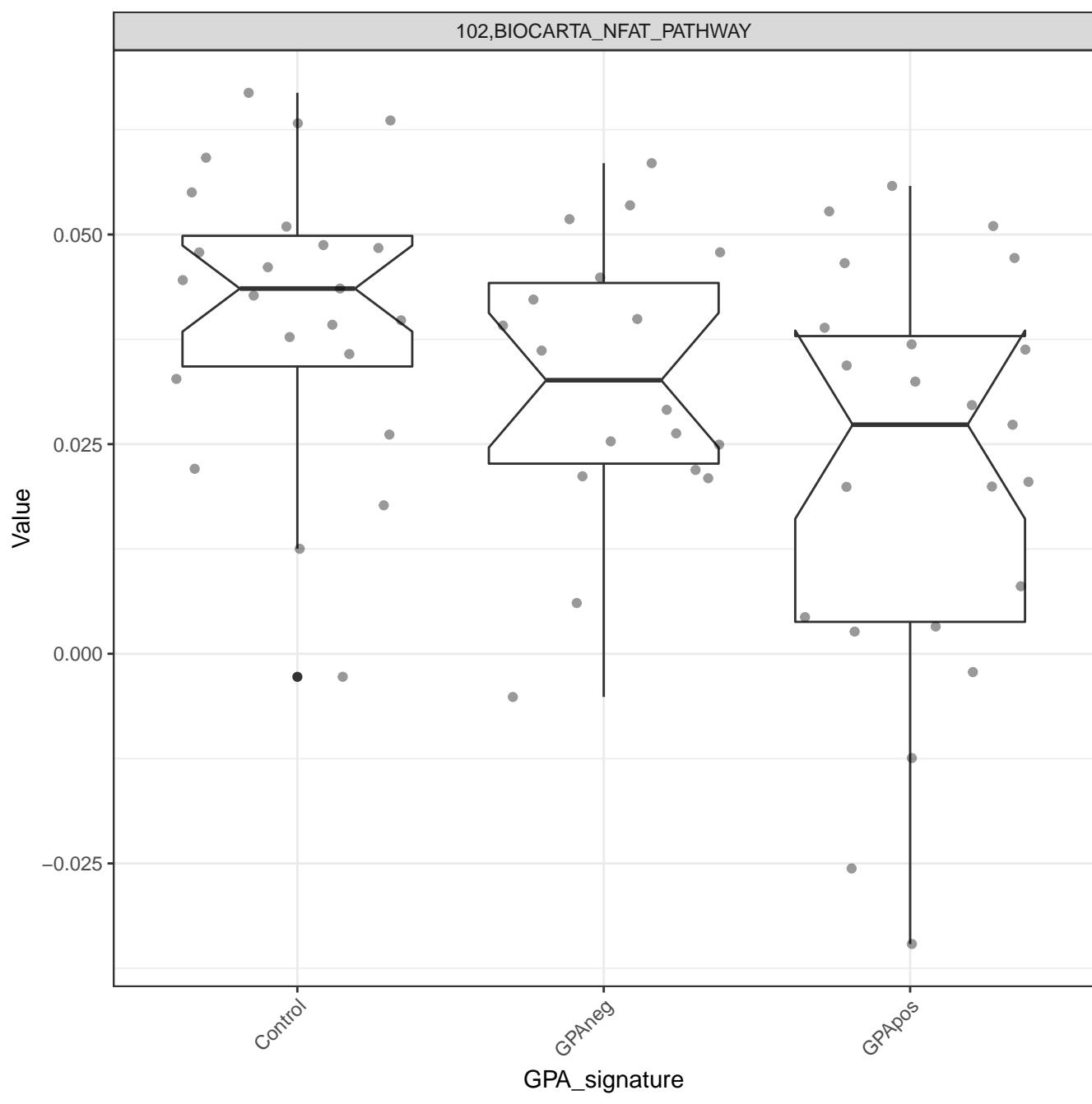
LV 100



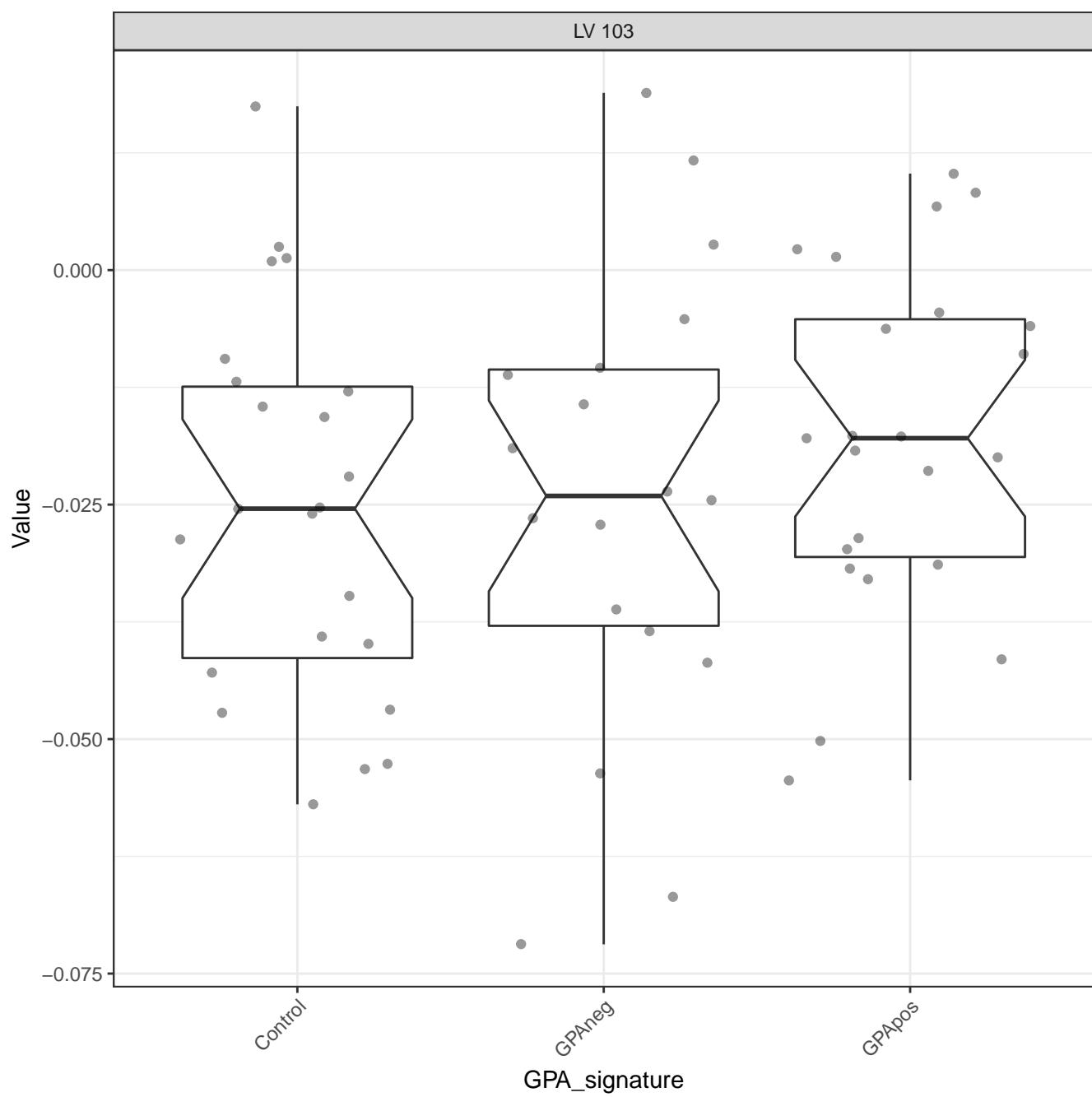
101,DMAP_NKA3



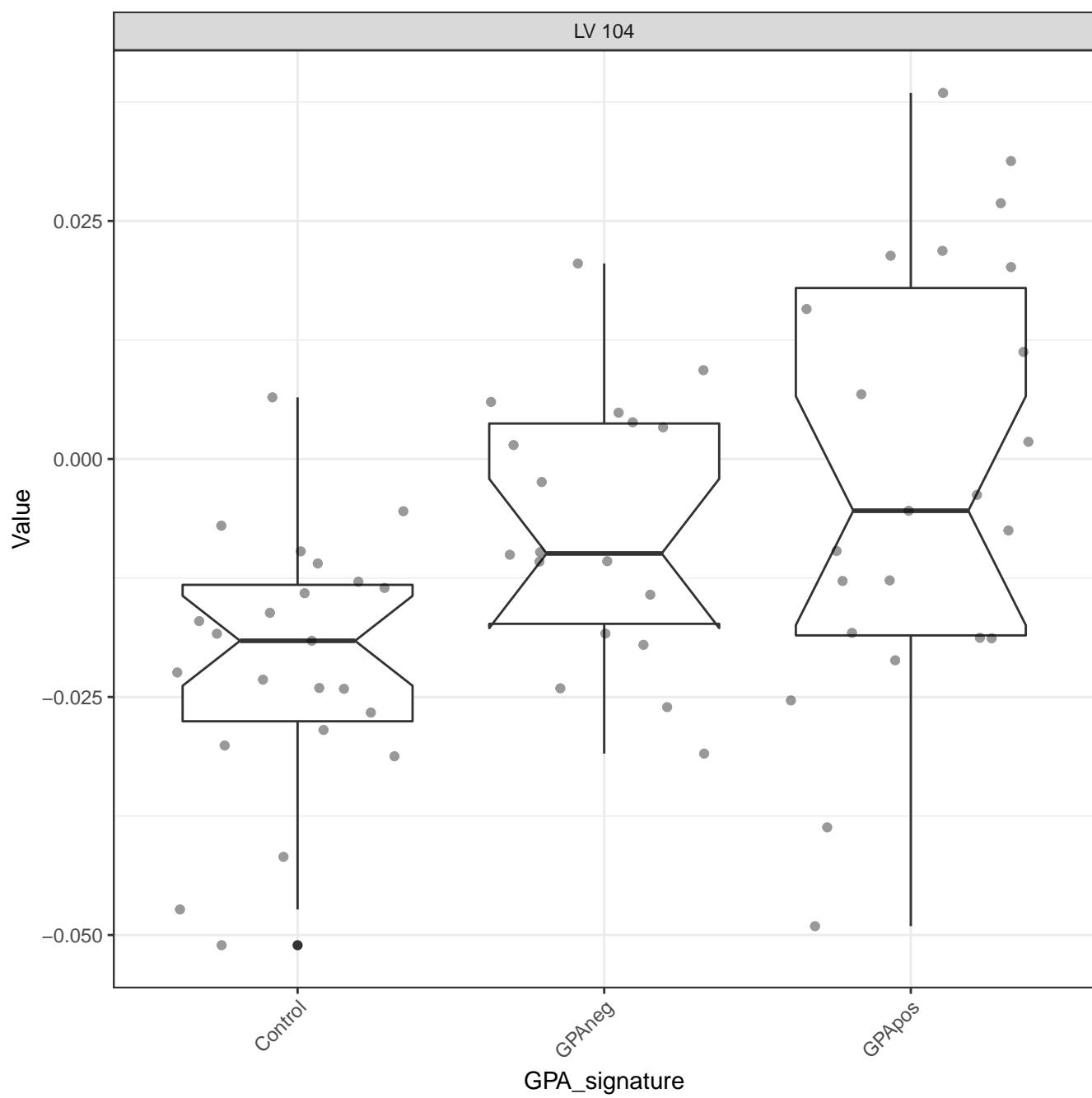
102,BIOCARTA_NFAT_PATHWAY



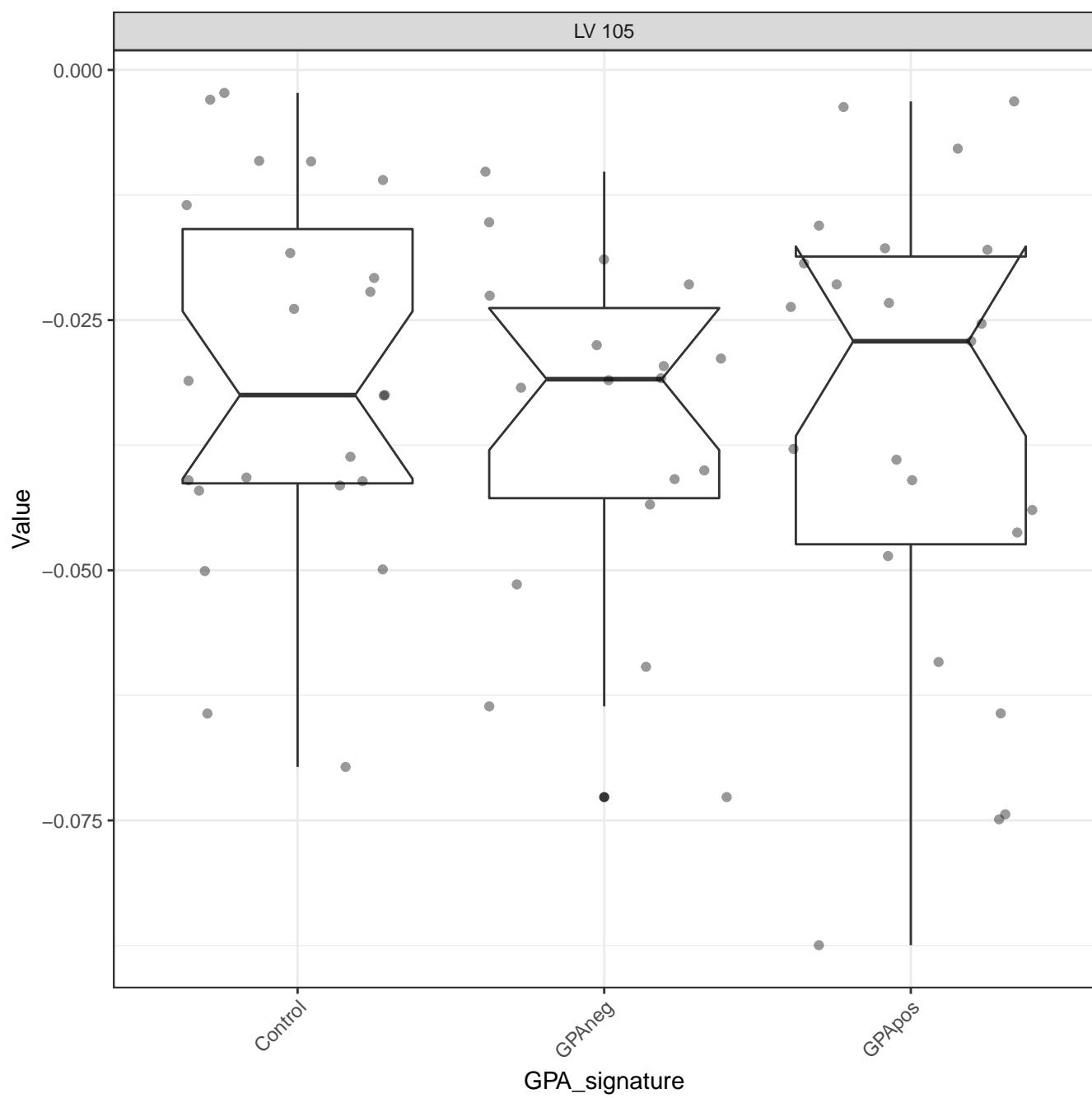
LV 103



LV 104

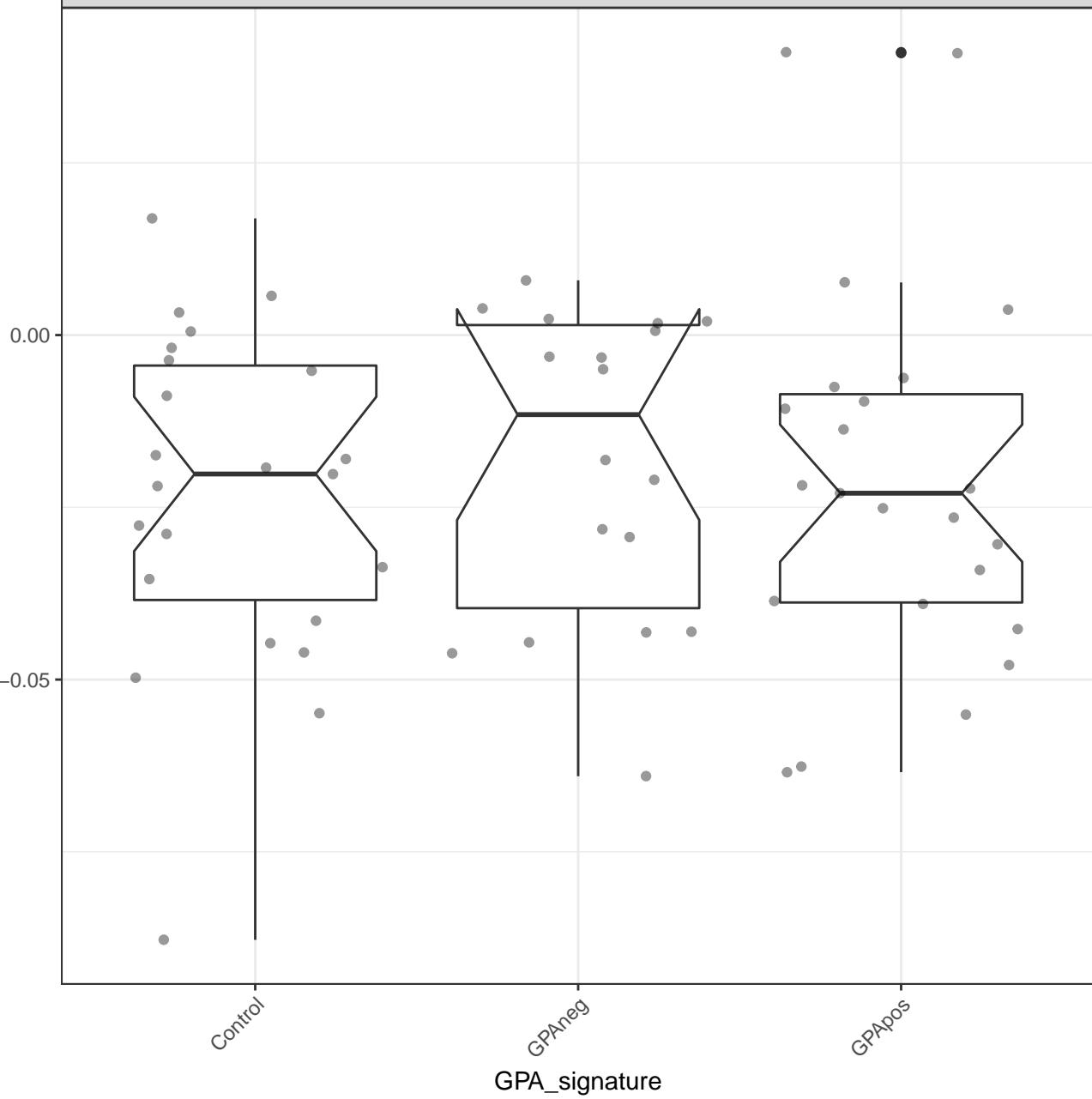


LV 105

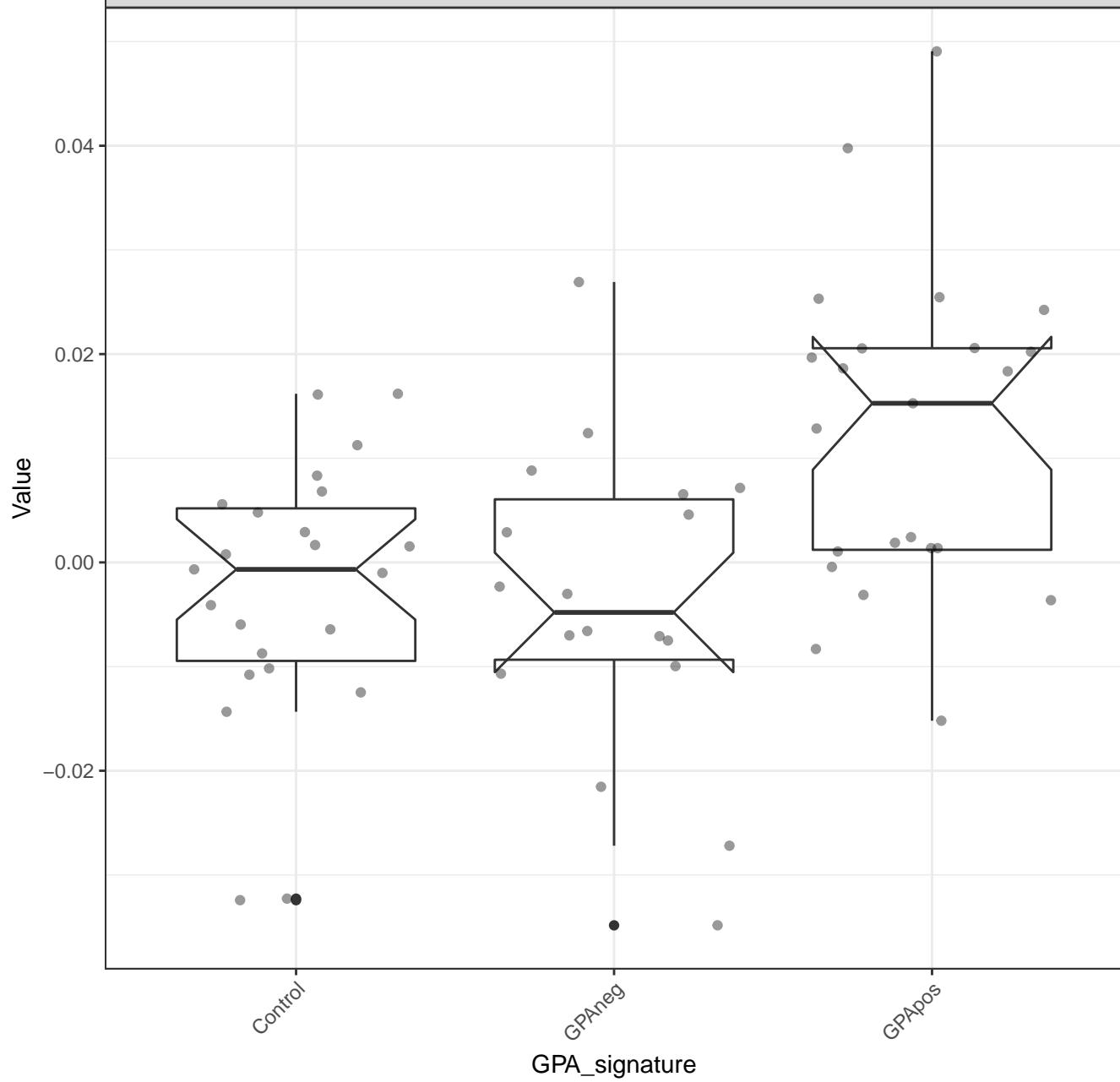


LV 106

Value



LV 107



LV 108

Value

0.050

0.025

0.000

-0.025

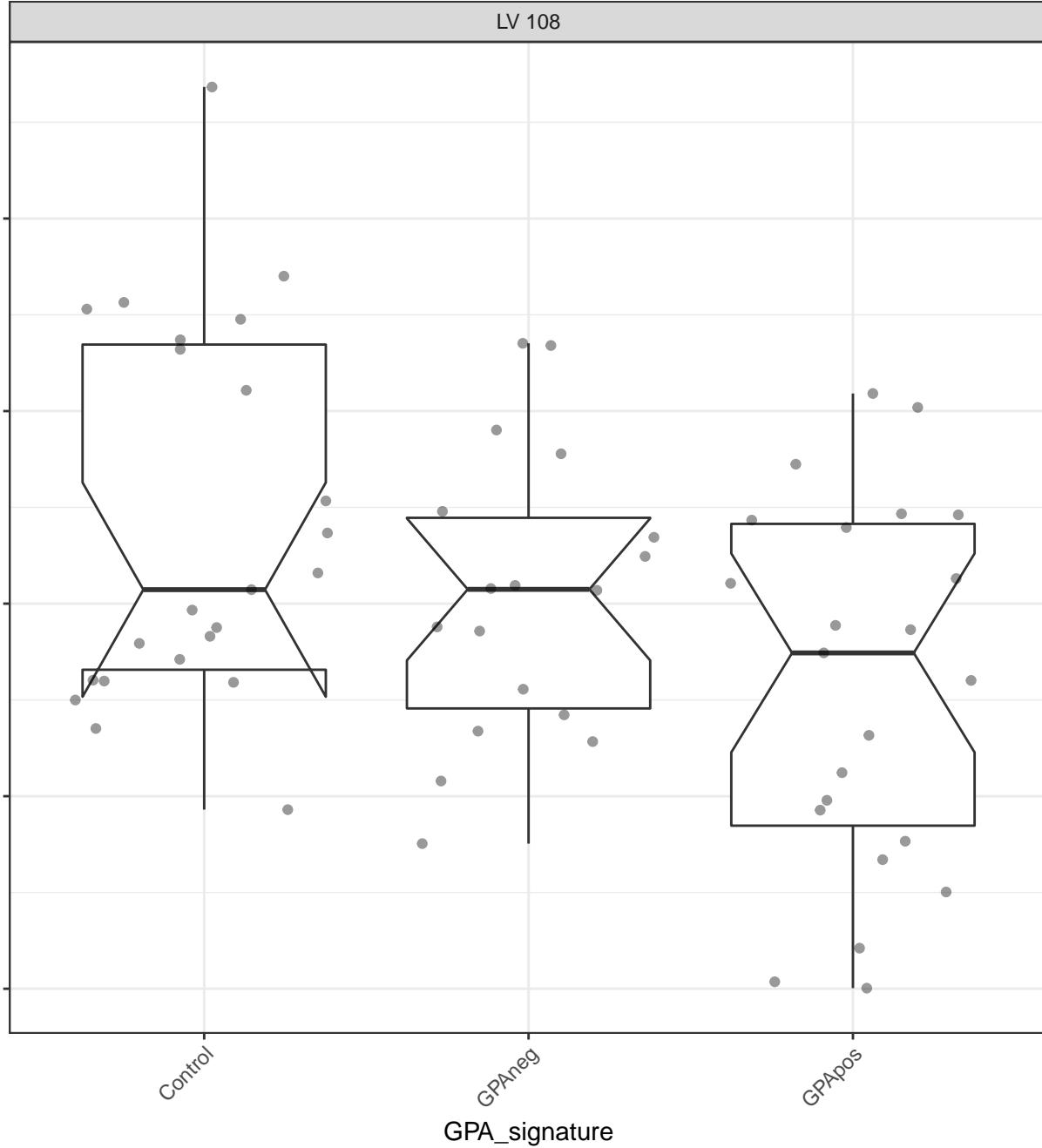
-0.050

Control

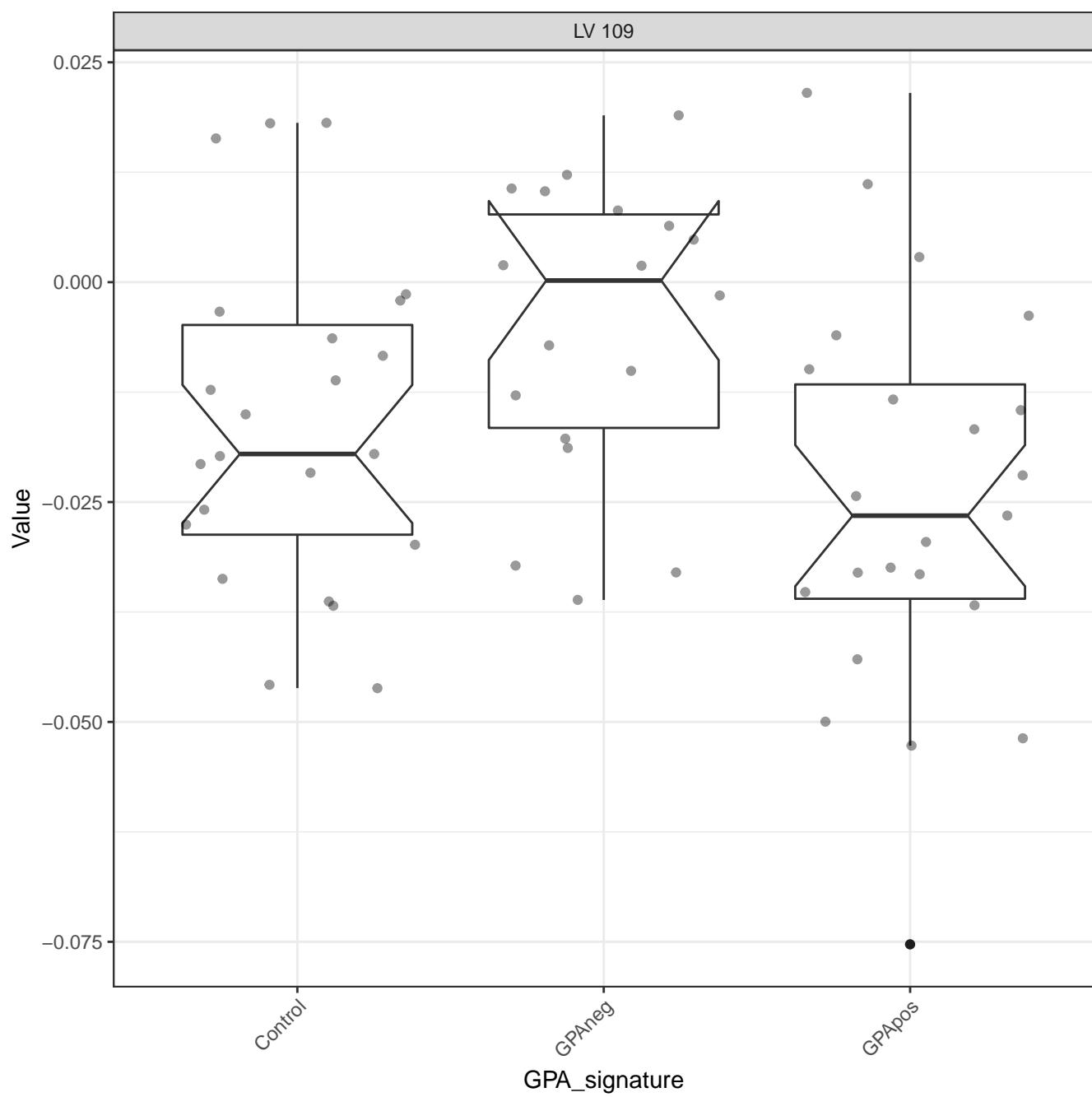
GPAneg

GPAPos

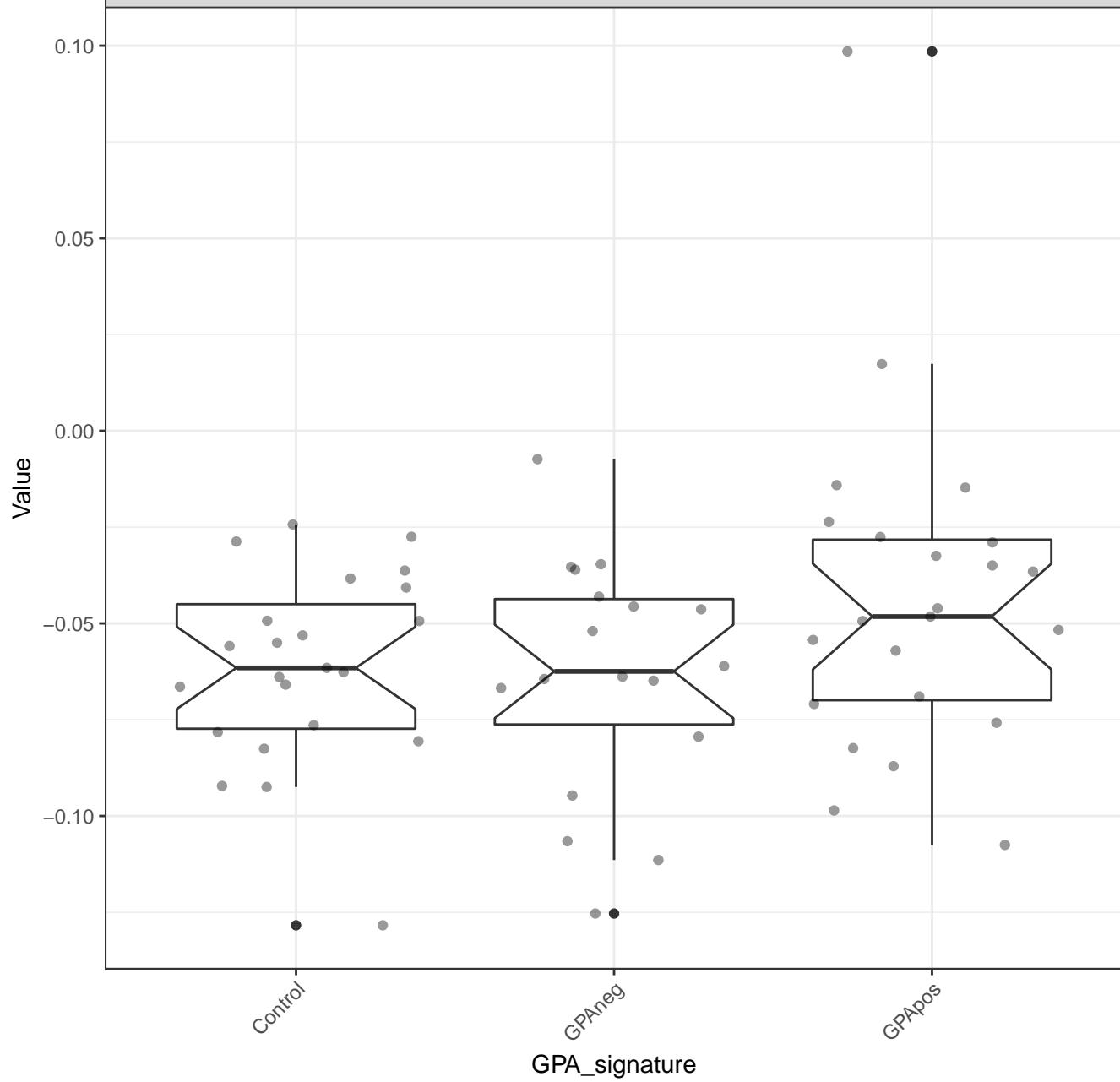
GPA_signature



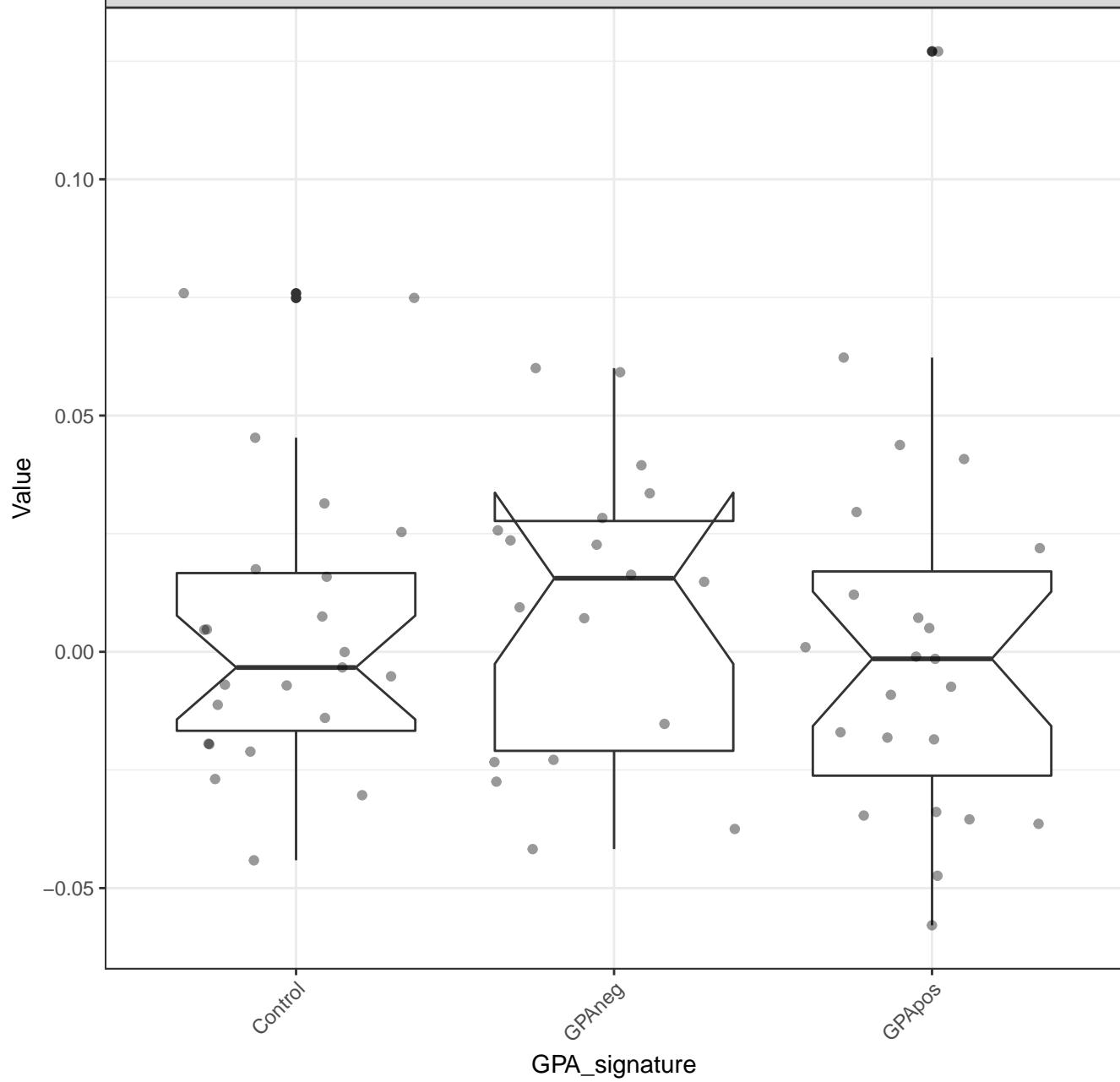
LV 109

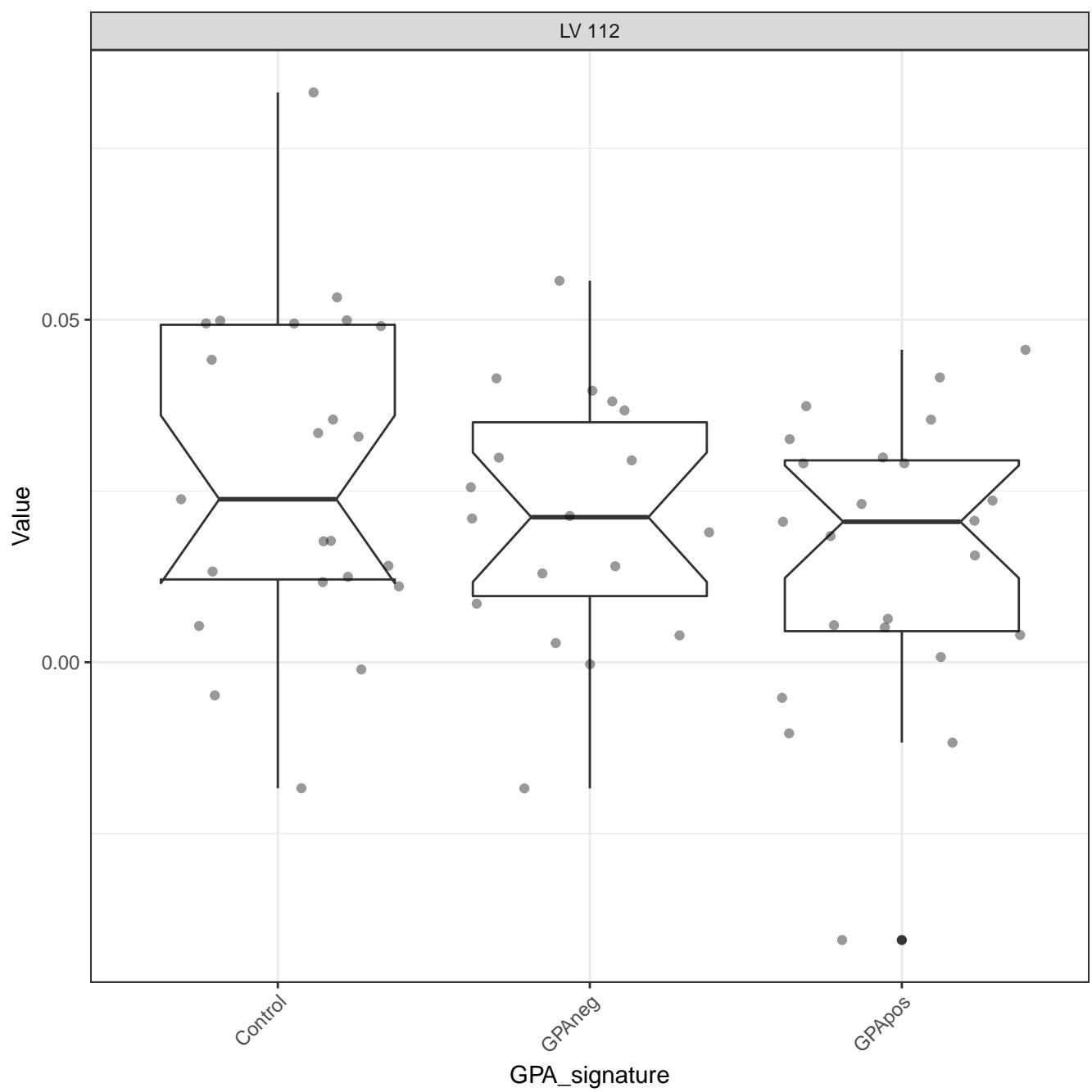


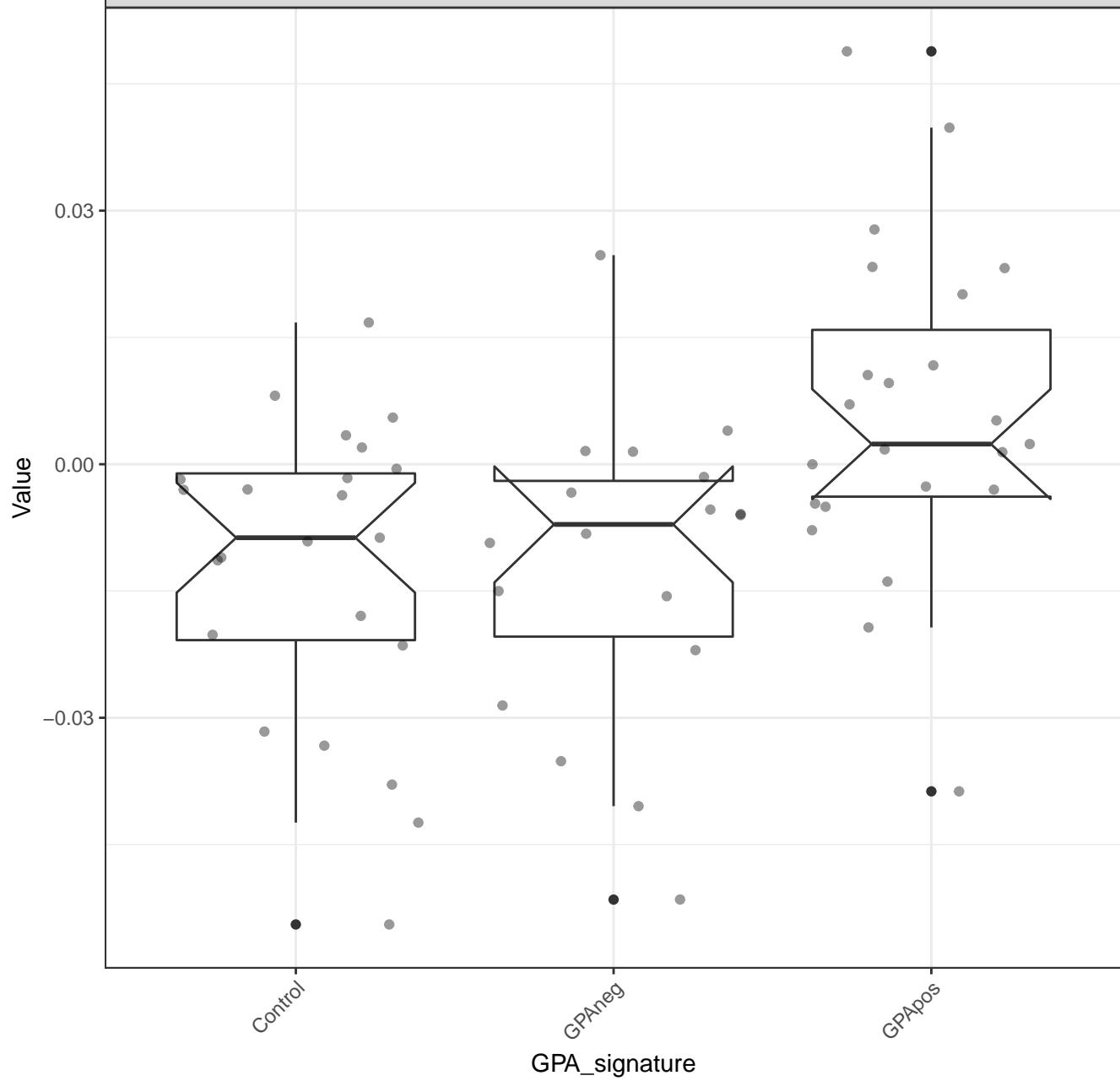
110,REACTOME_MEIOSIS



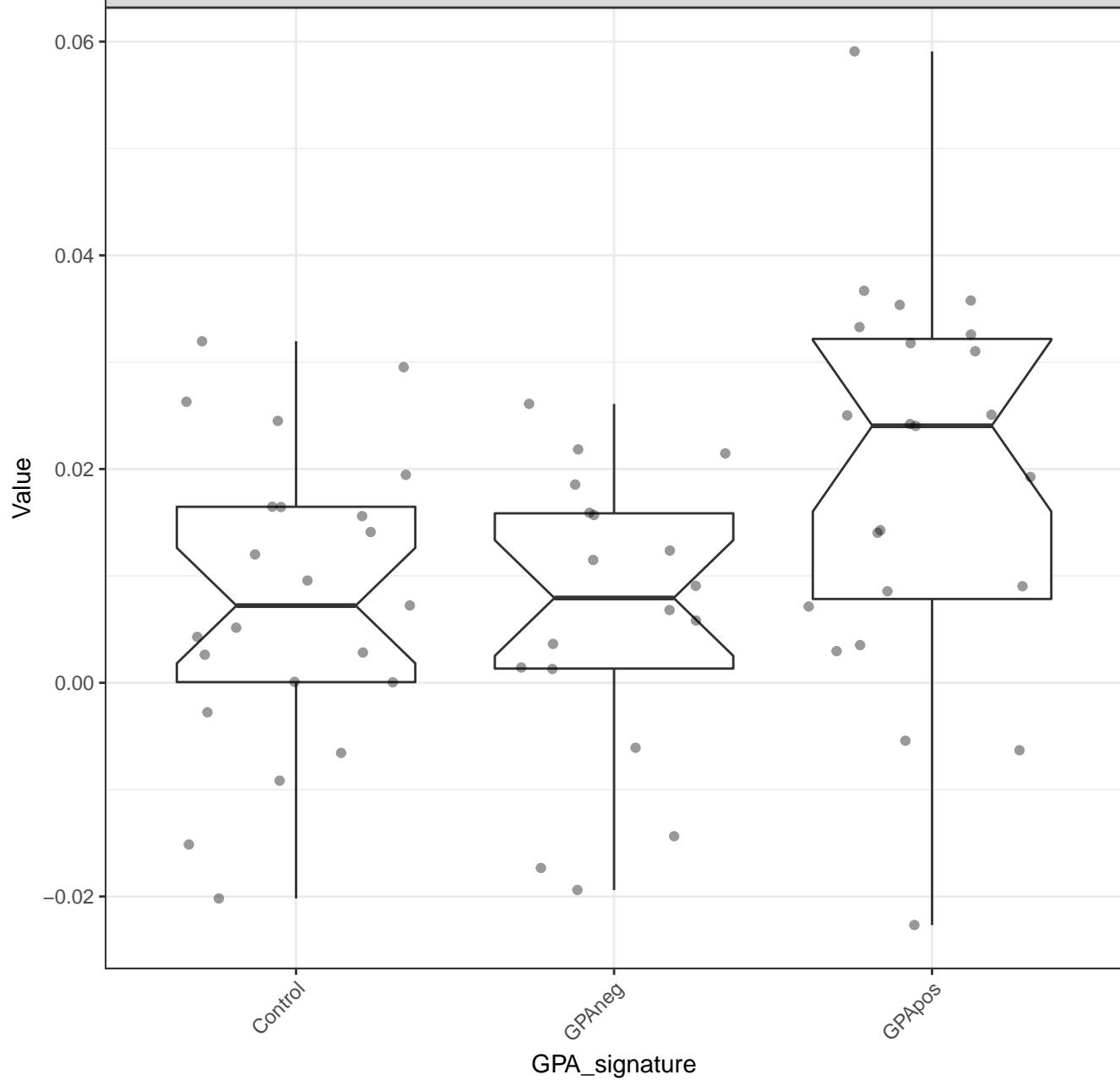
LV 111

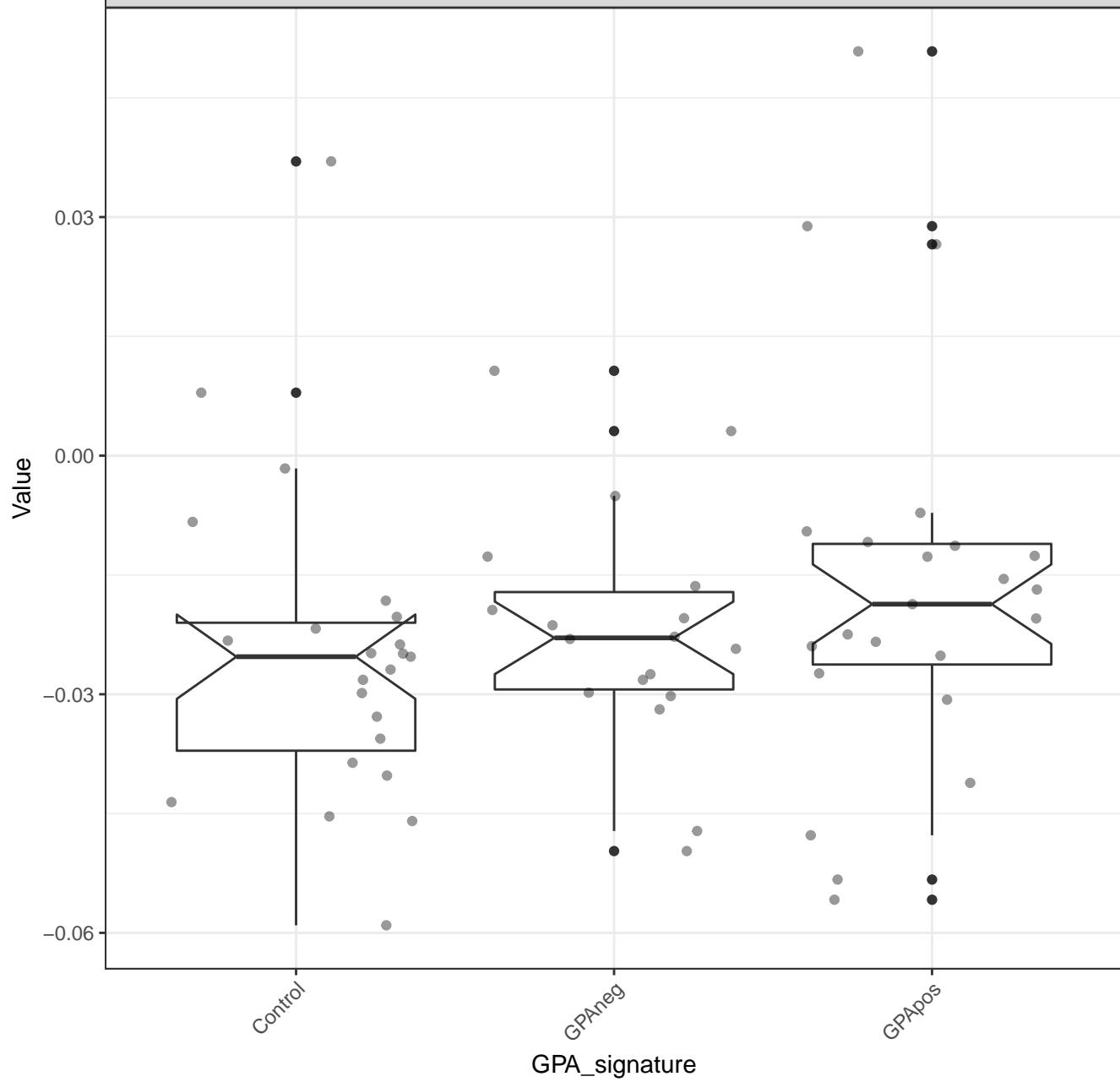




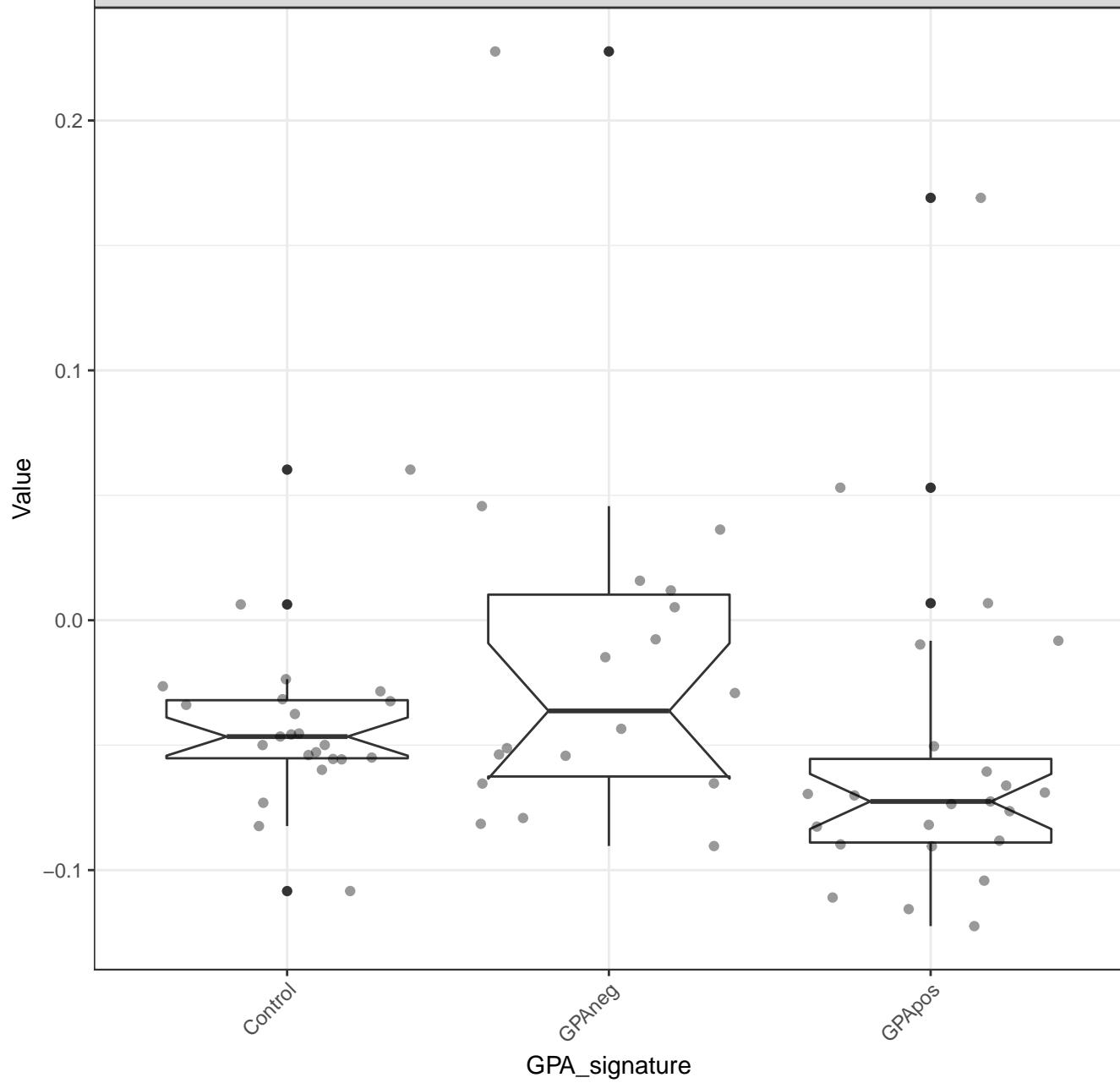


LV 114

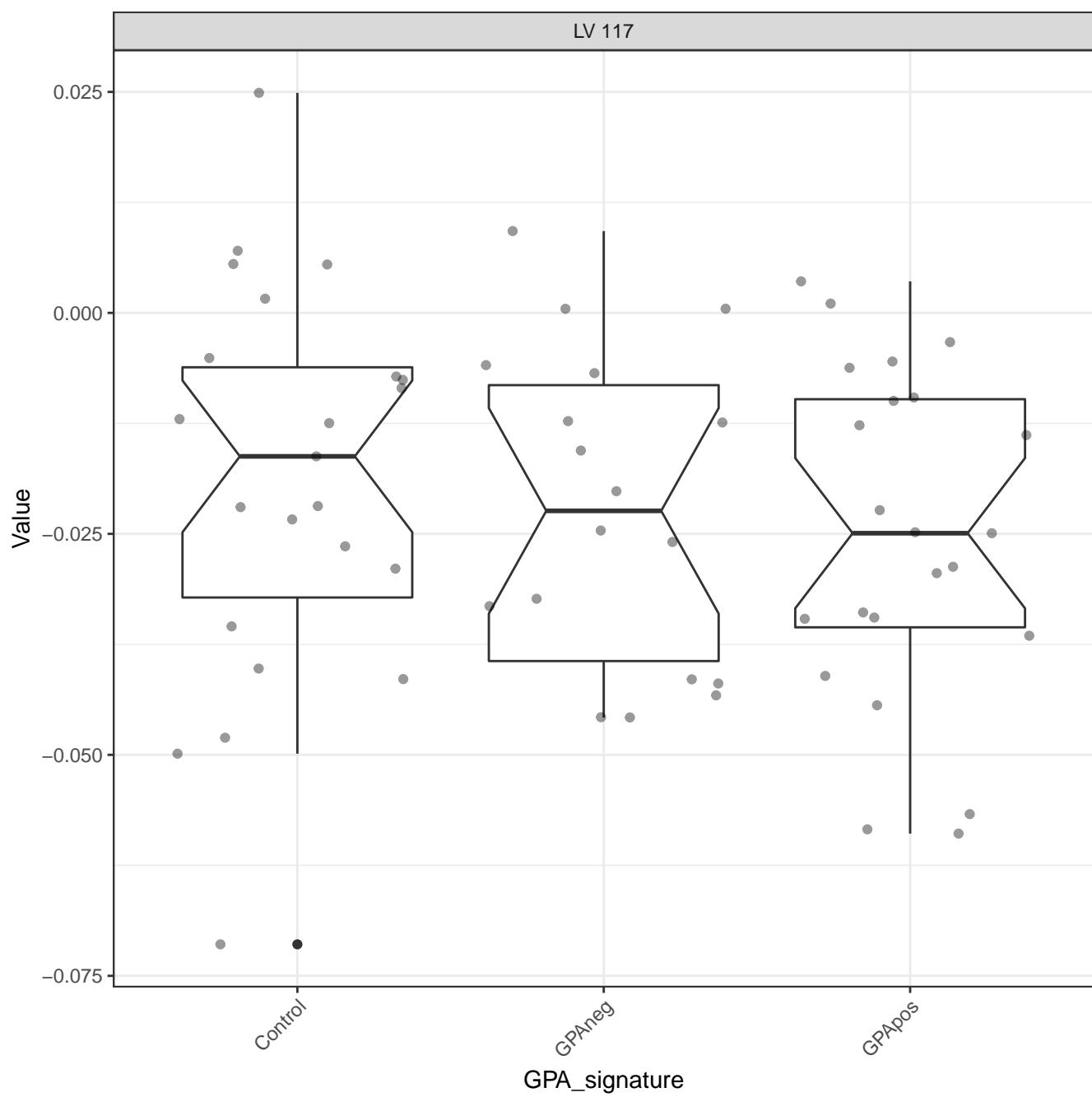




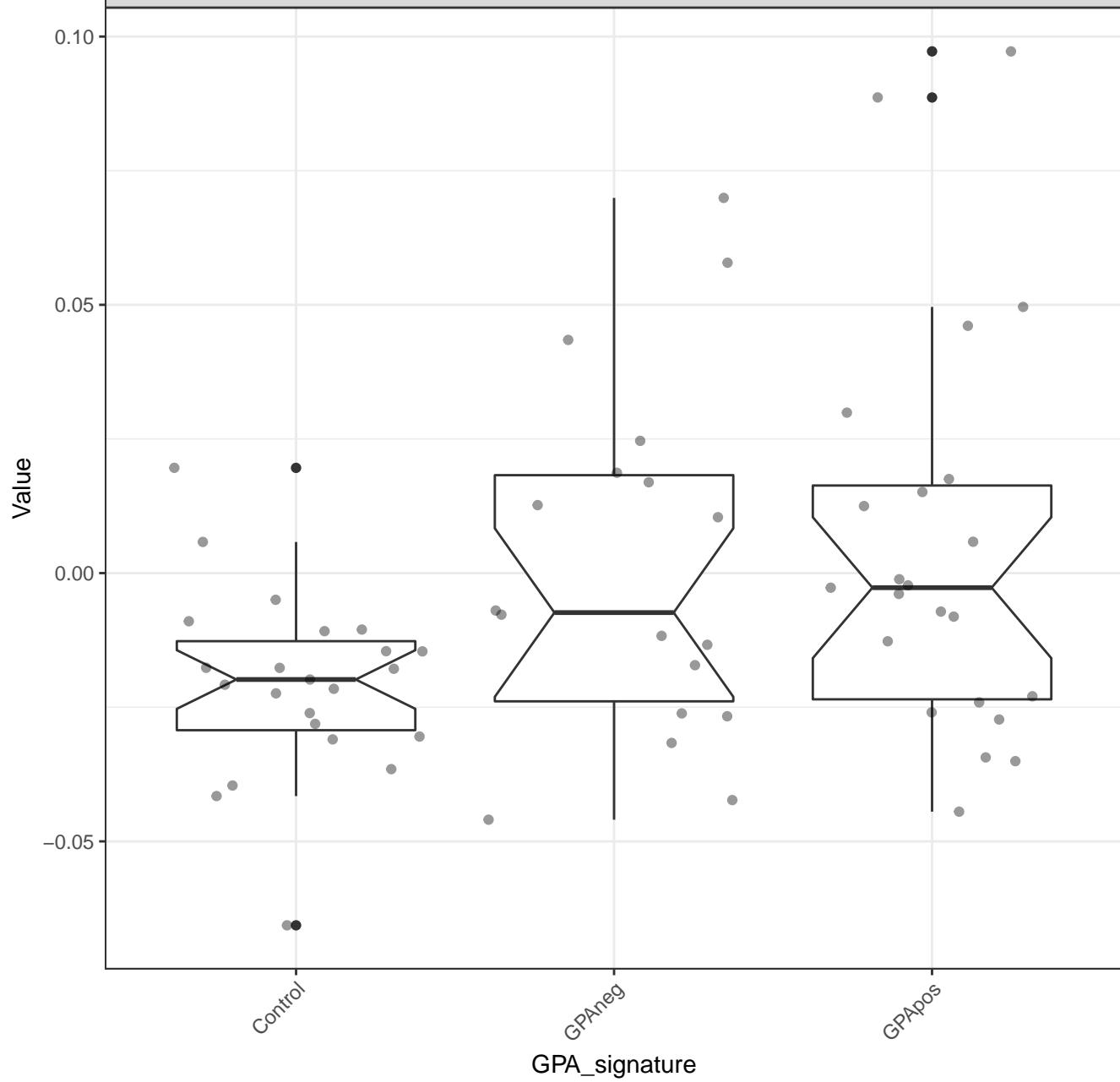
116,REACTOME_INTERFERON_ALPHA_BETA_SIGNALING

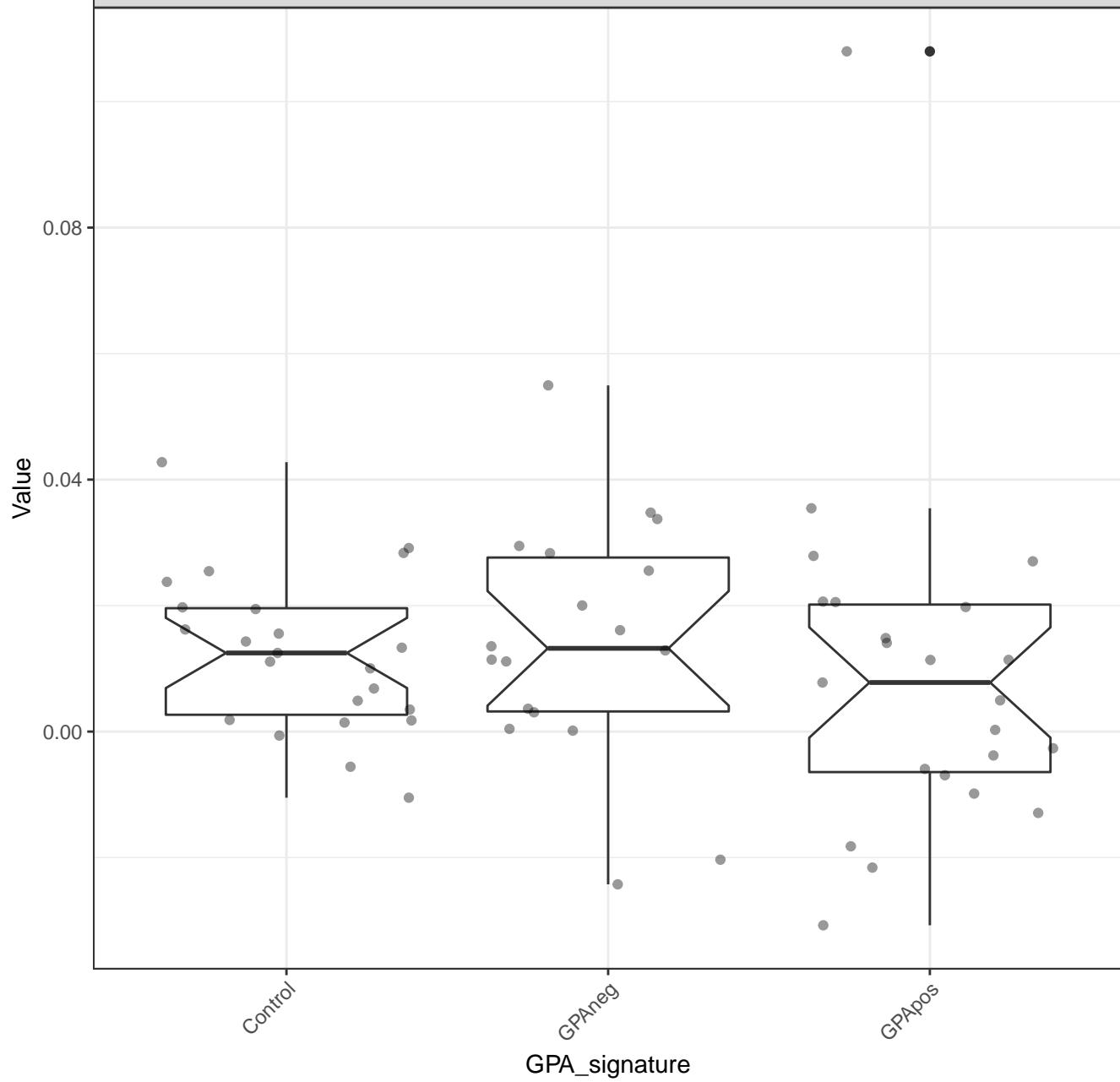


LV 117



LV 118





LV 120

Value

0.050

0.025

0.000

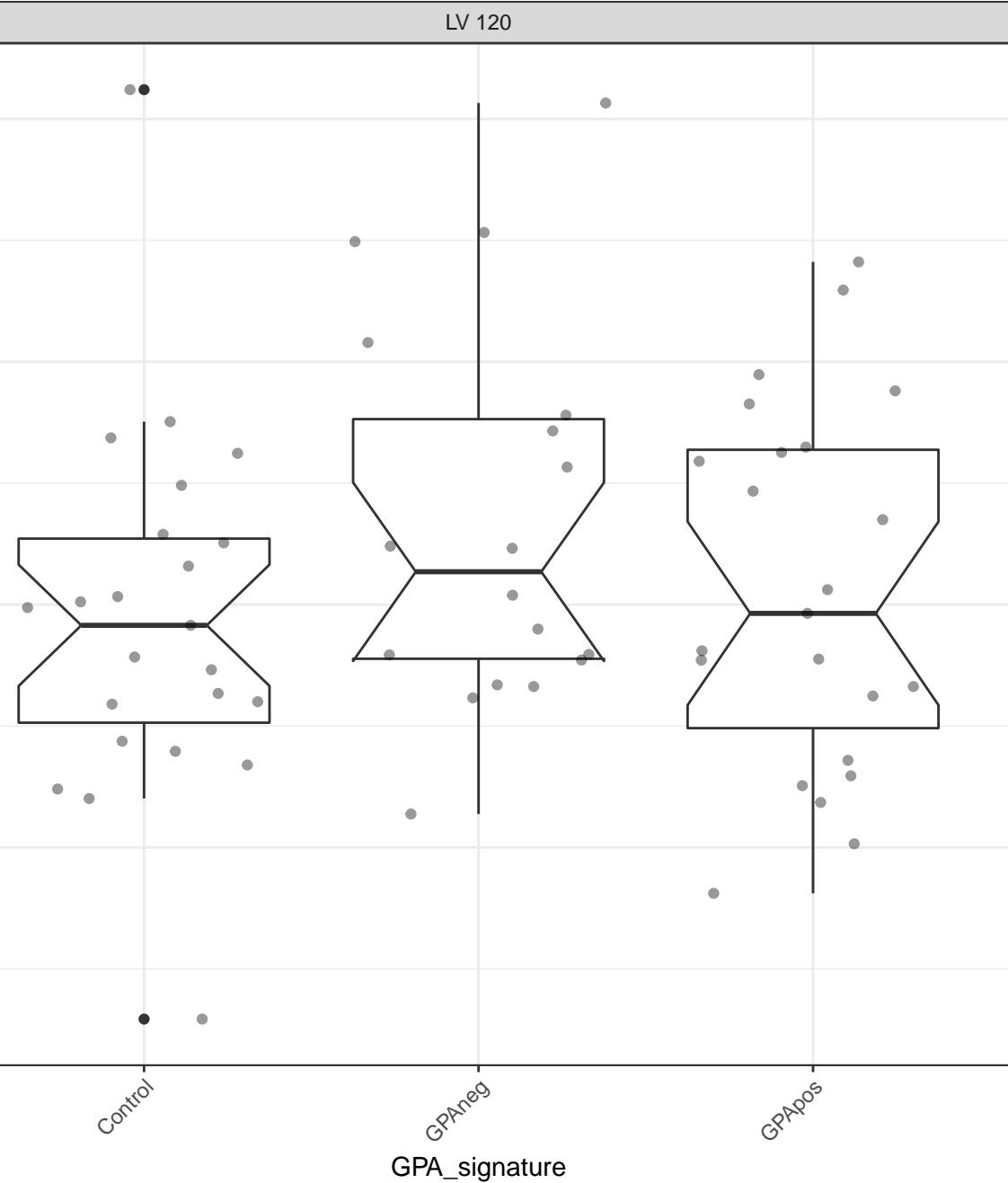
-0.025

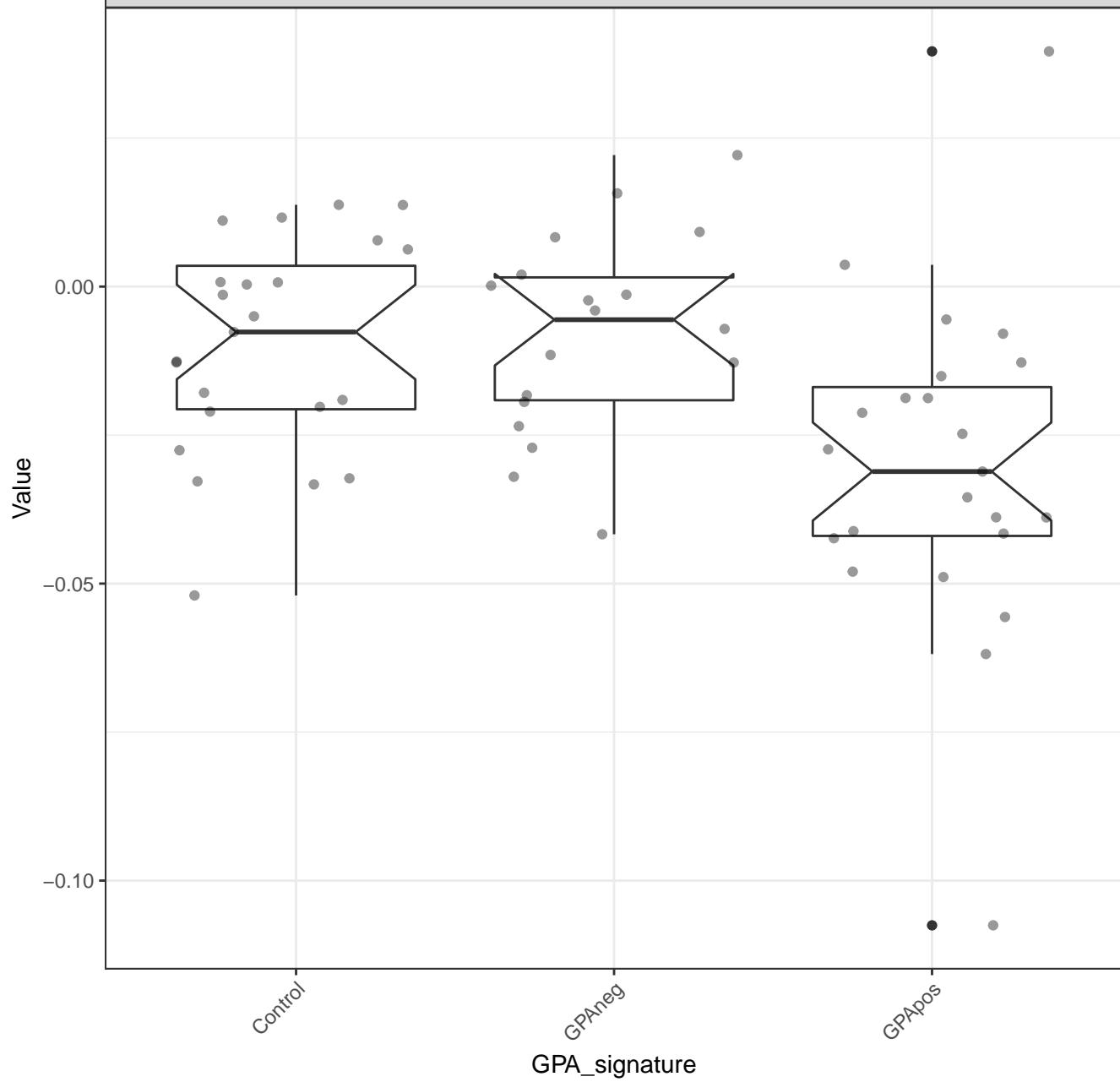
Control

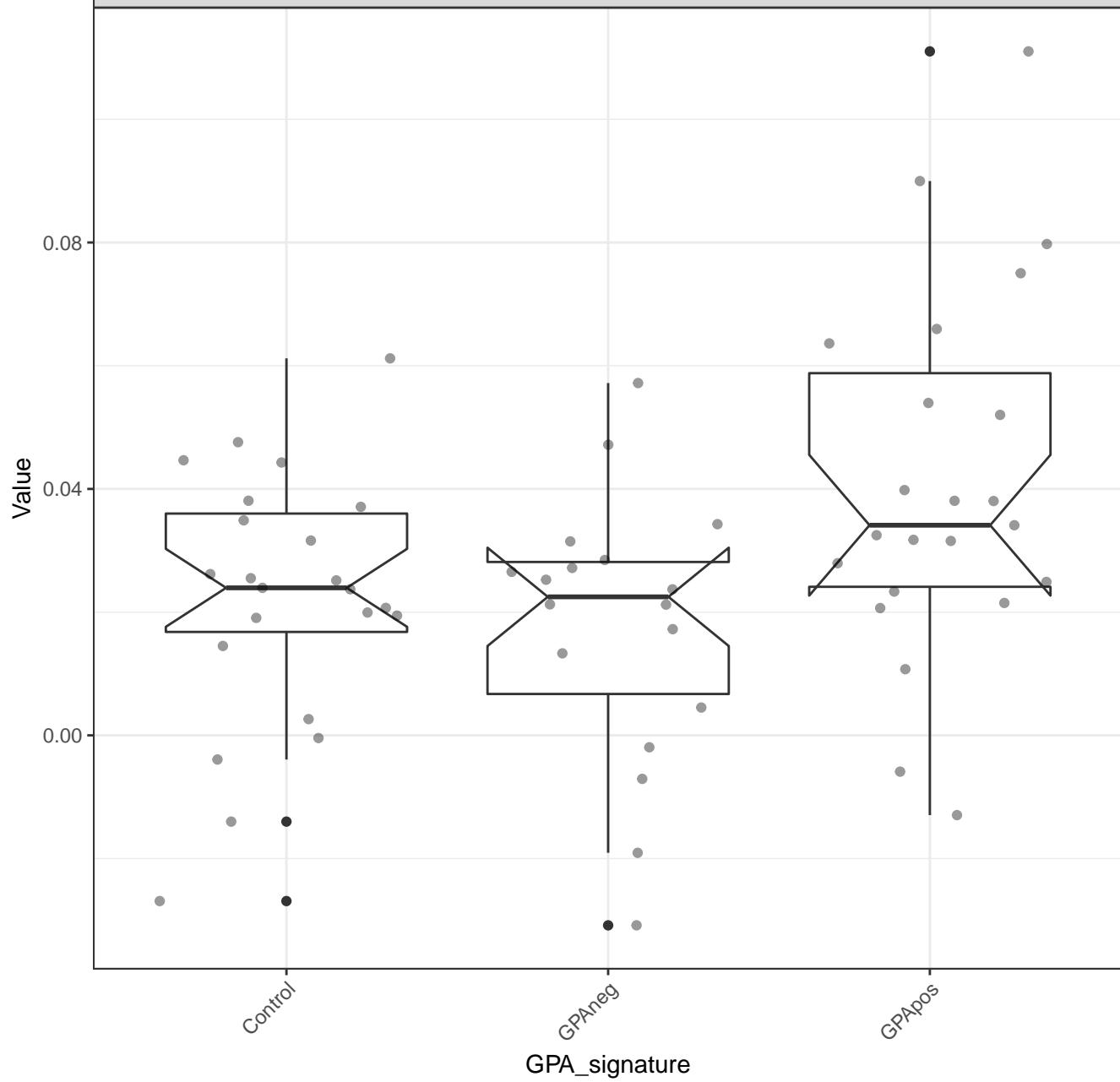
GPA_signature

GPAneg

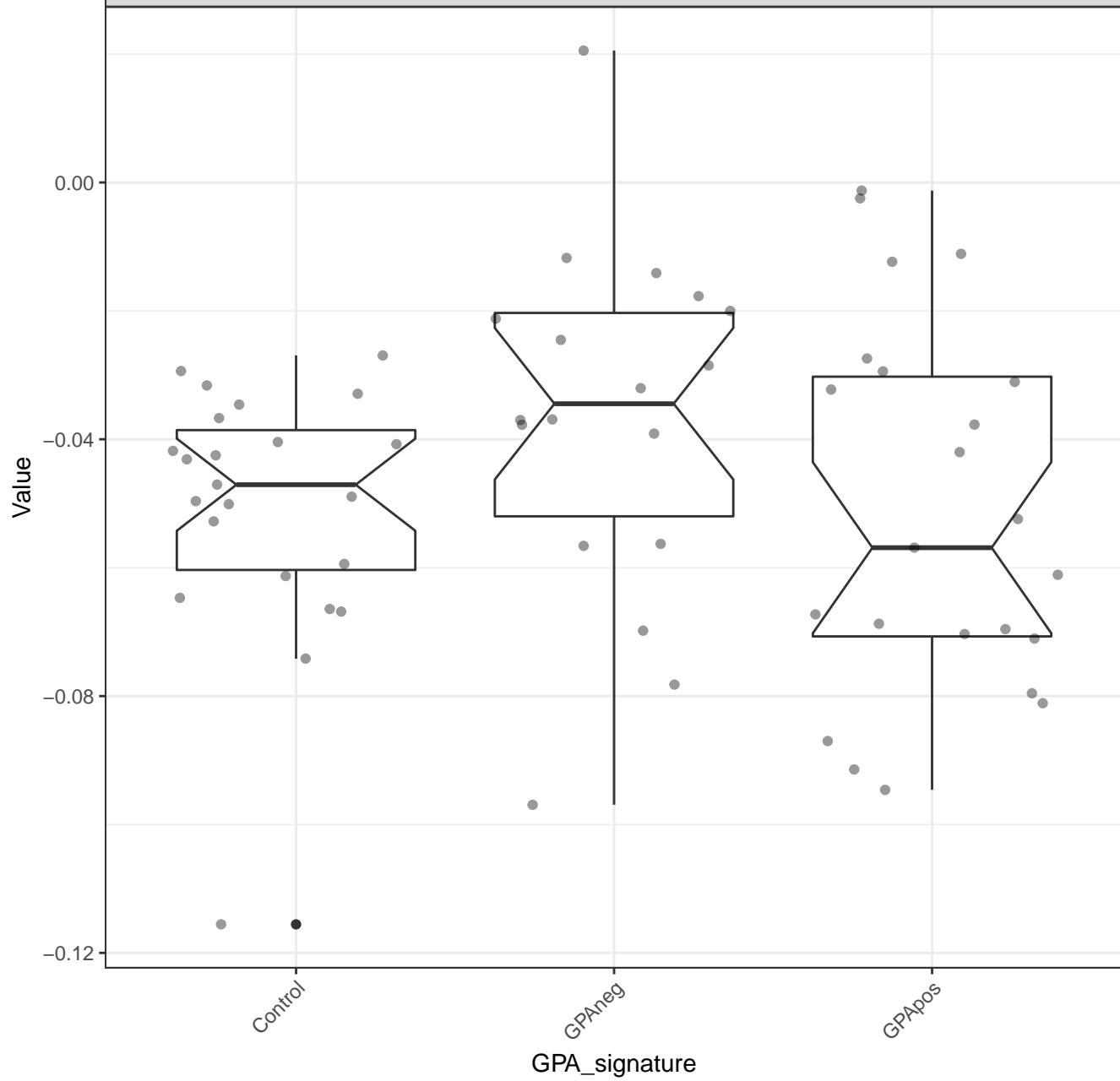
GPAPos







123,SVM Dendritic cells activated



24,REACTOME_NFKB_AND_MAP_KINASES_ACTIVATION_MEDIATED_BY_TLR4_SIGNALING_REPERTOIRE

Value

0.00

-0.02

-0.04

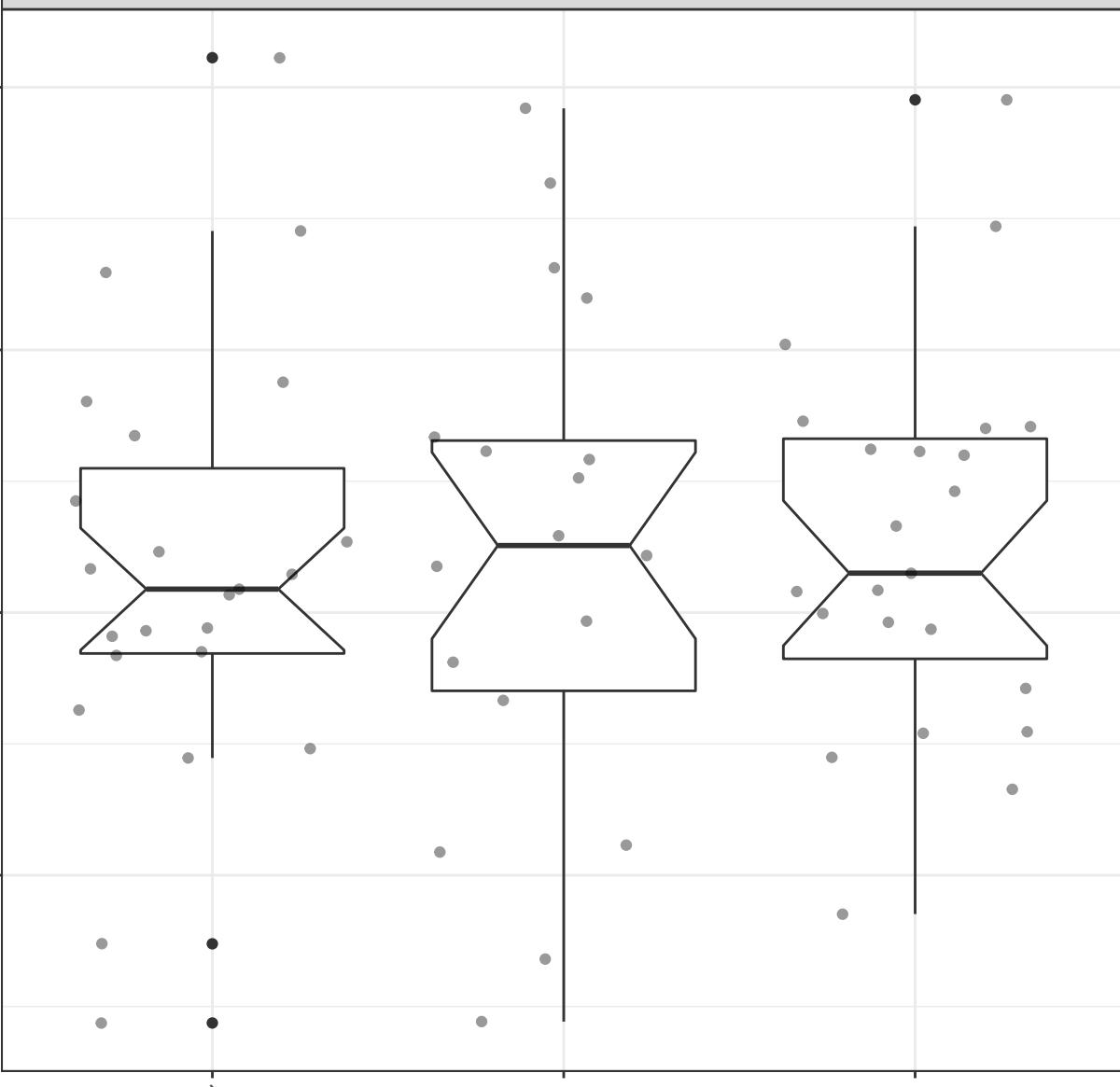
-0.06

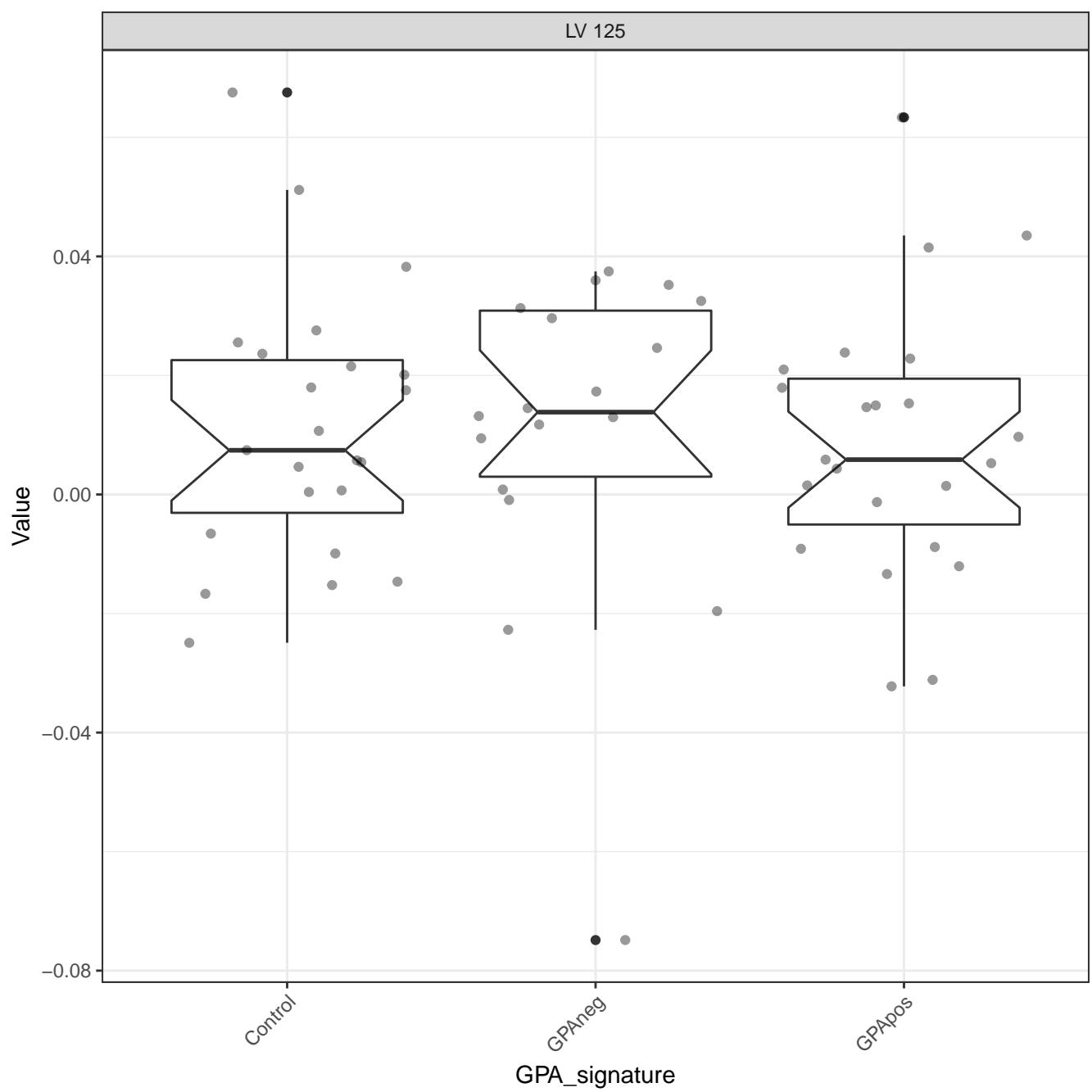
Control

GPA_signature

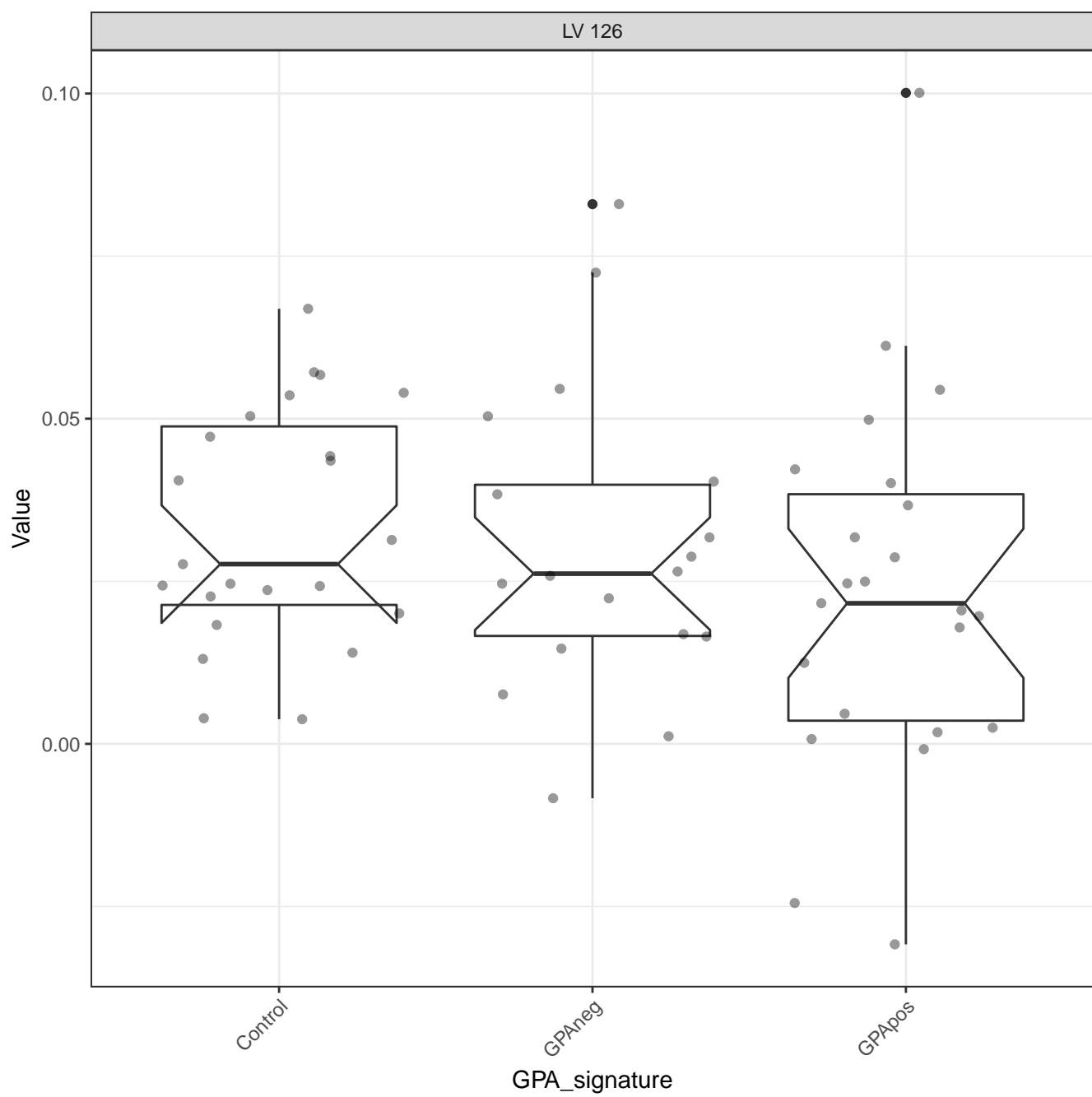
GPAneg

GPAPos

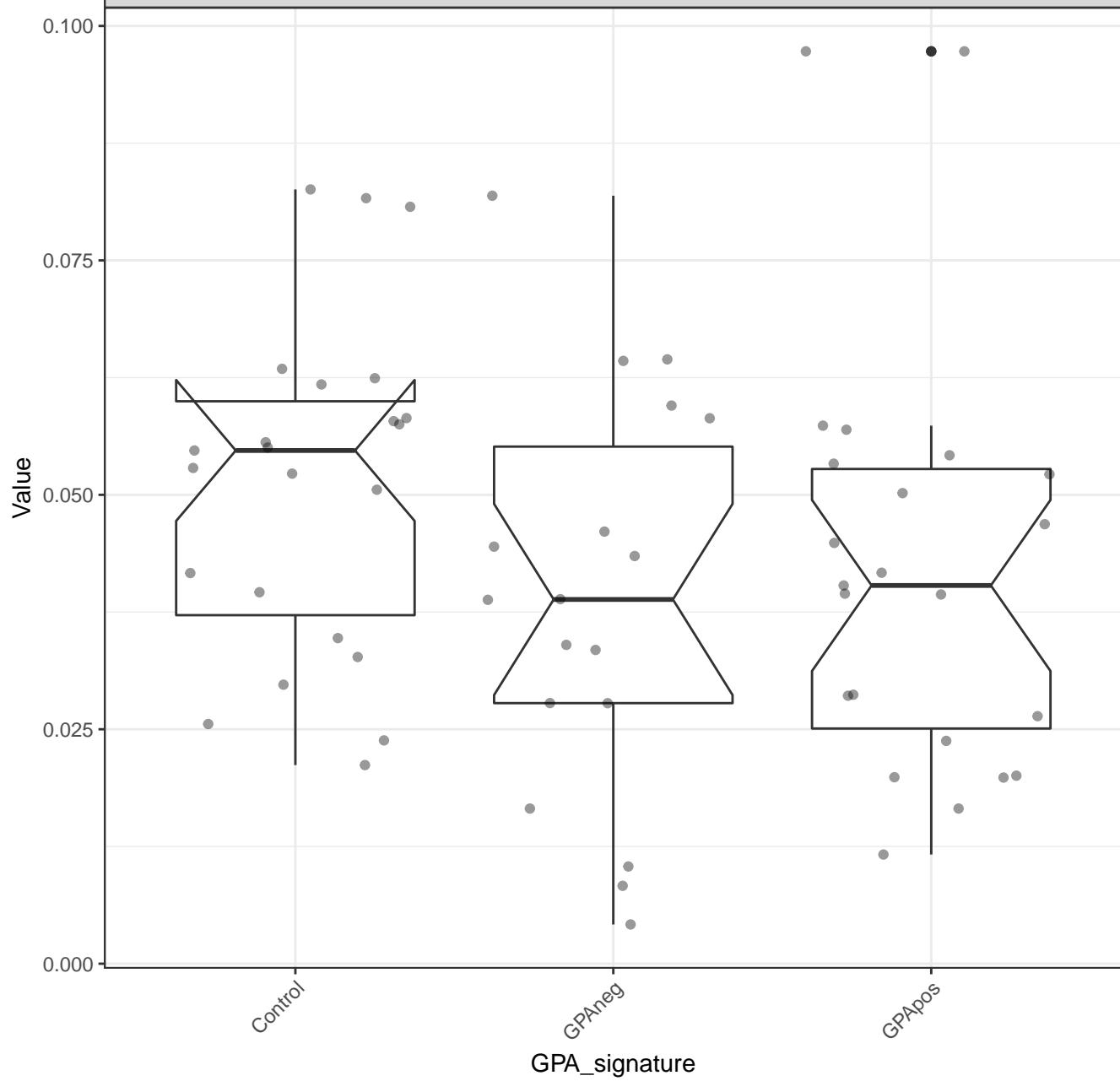




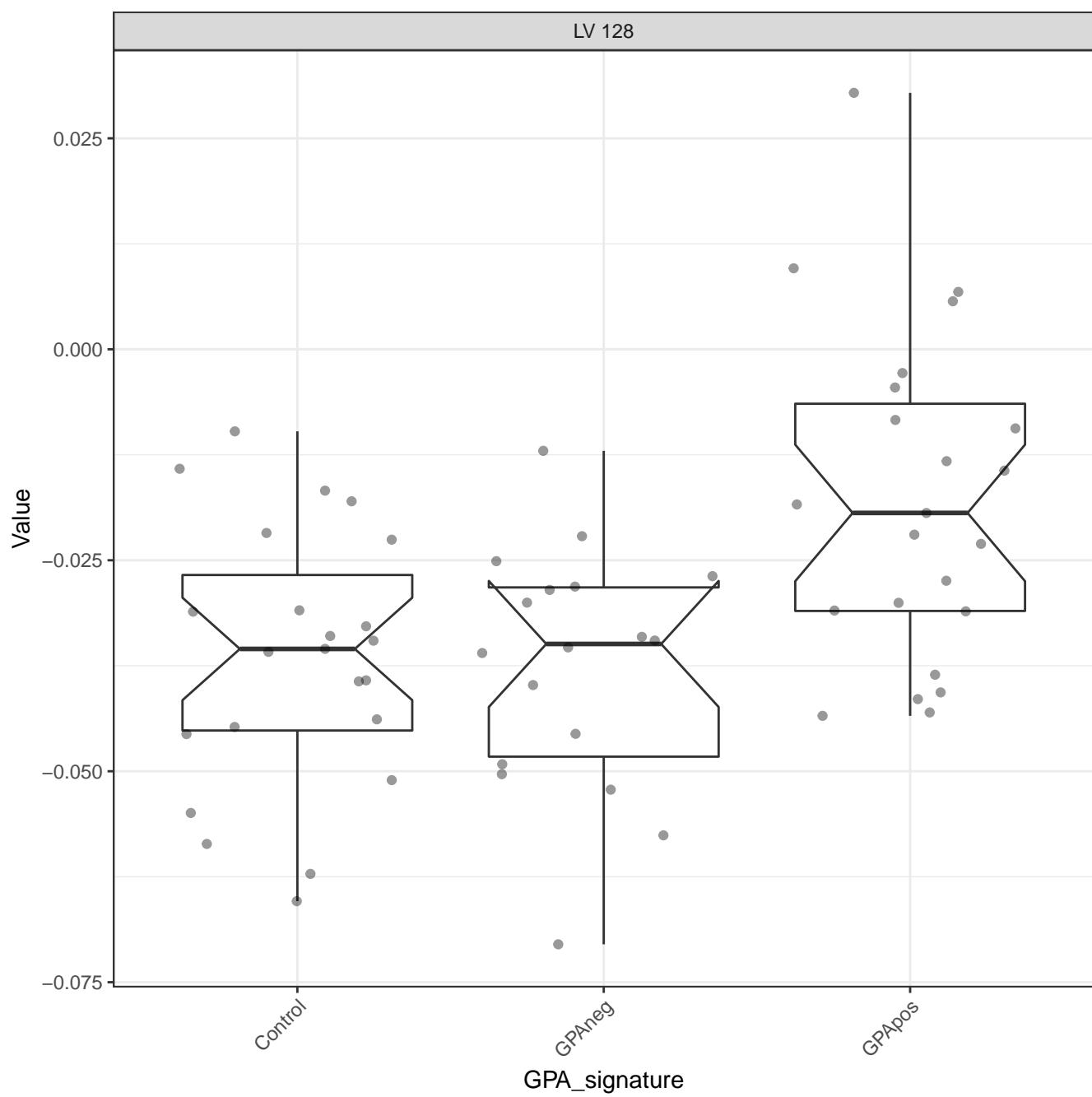
LV 126



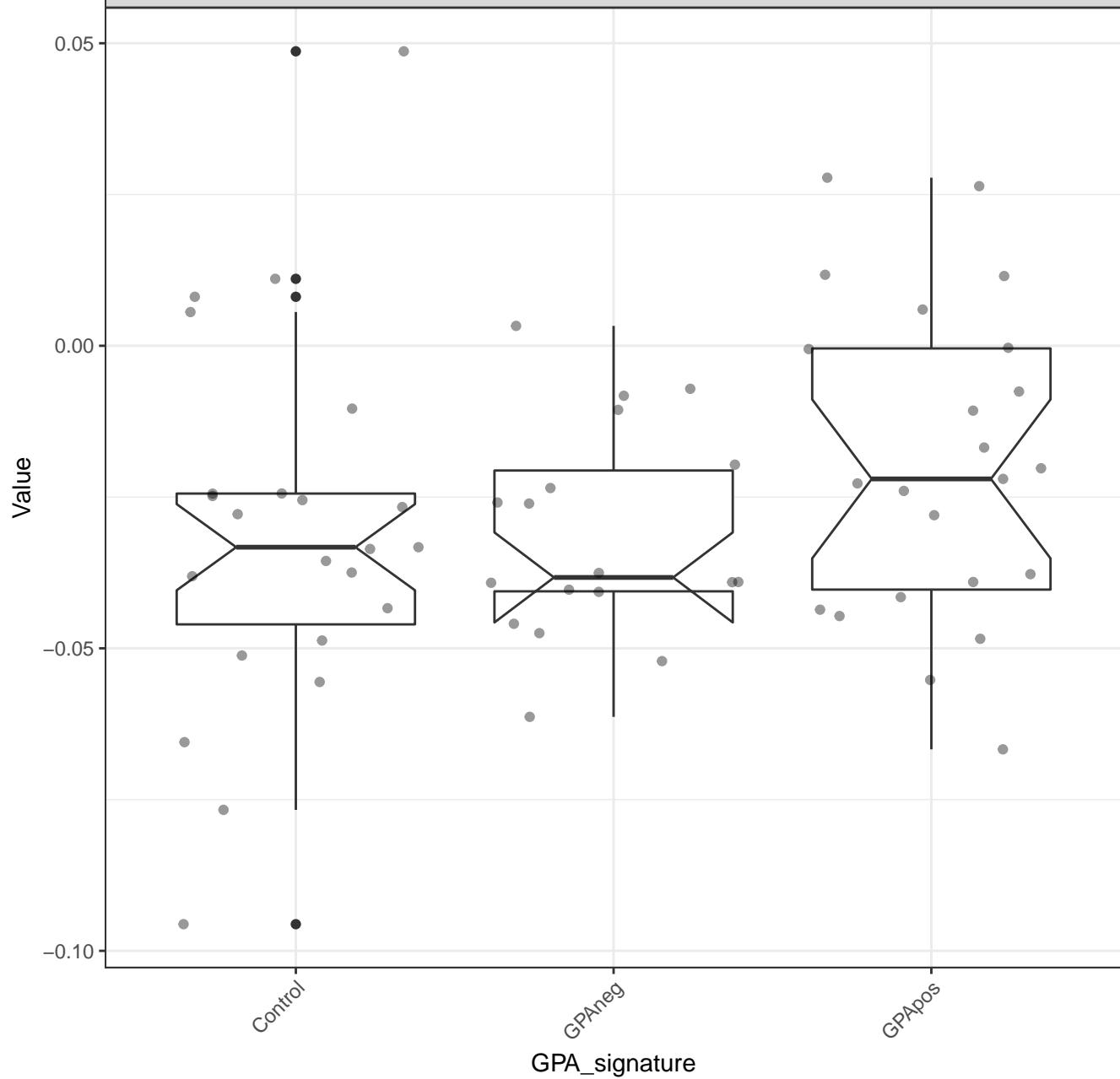
LV 127



LV 128



LV 129



LV 130

Value

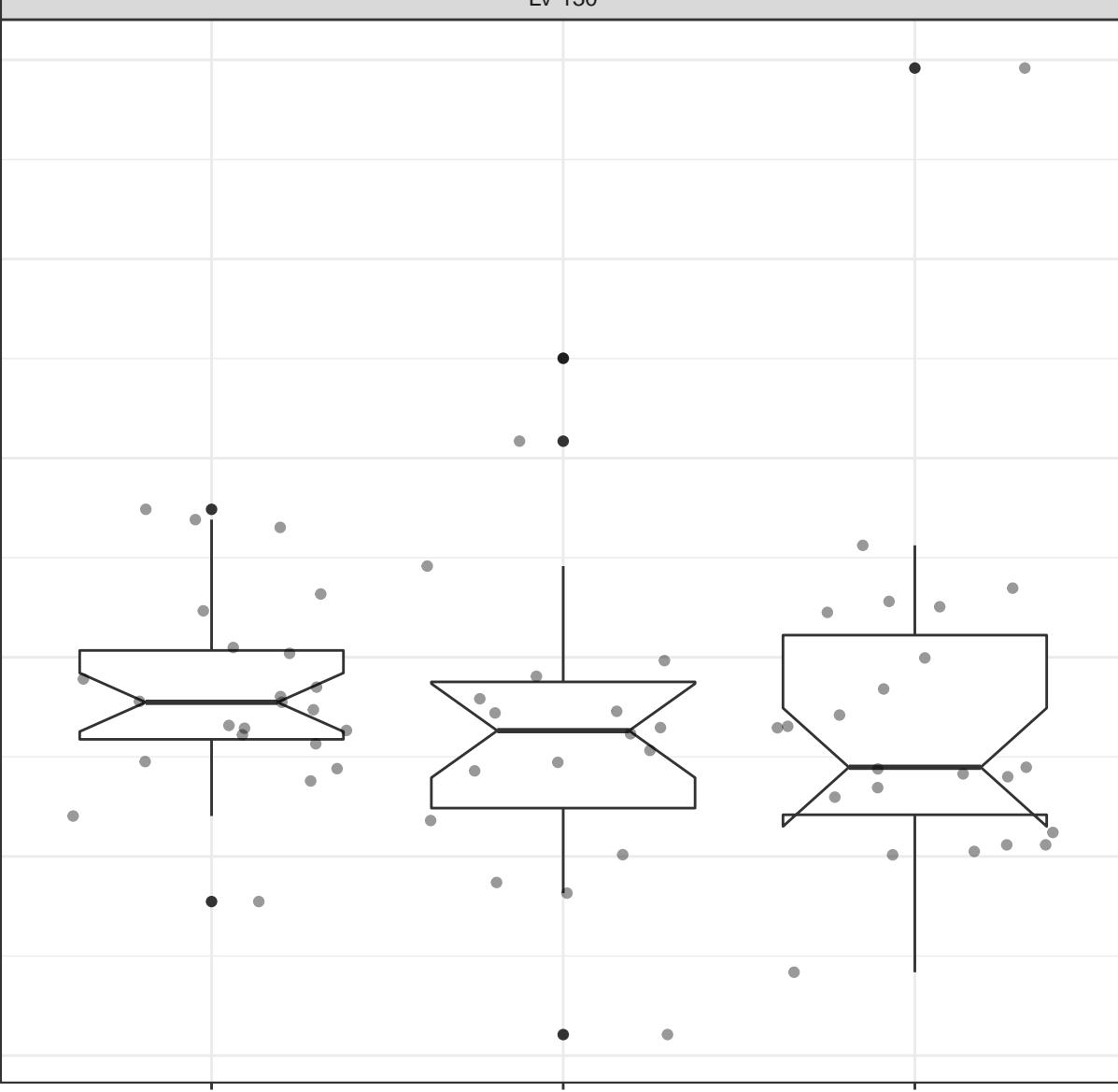
0.06
0.04
0.02
0.00
-0.02
-0.04

Control

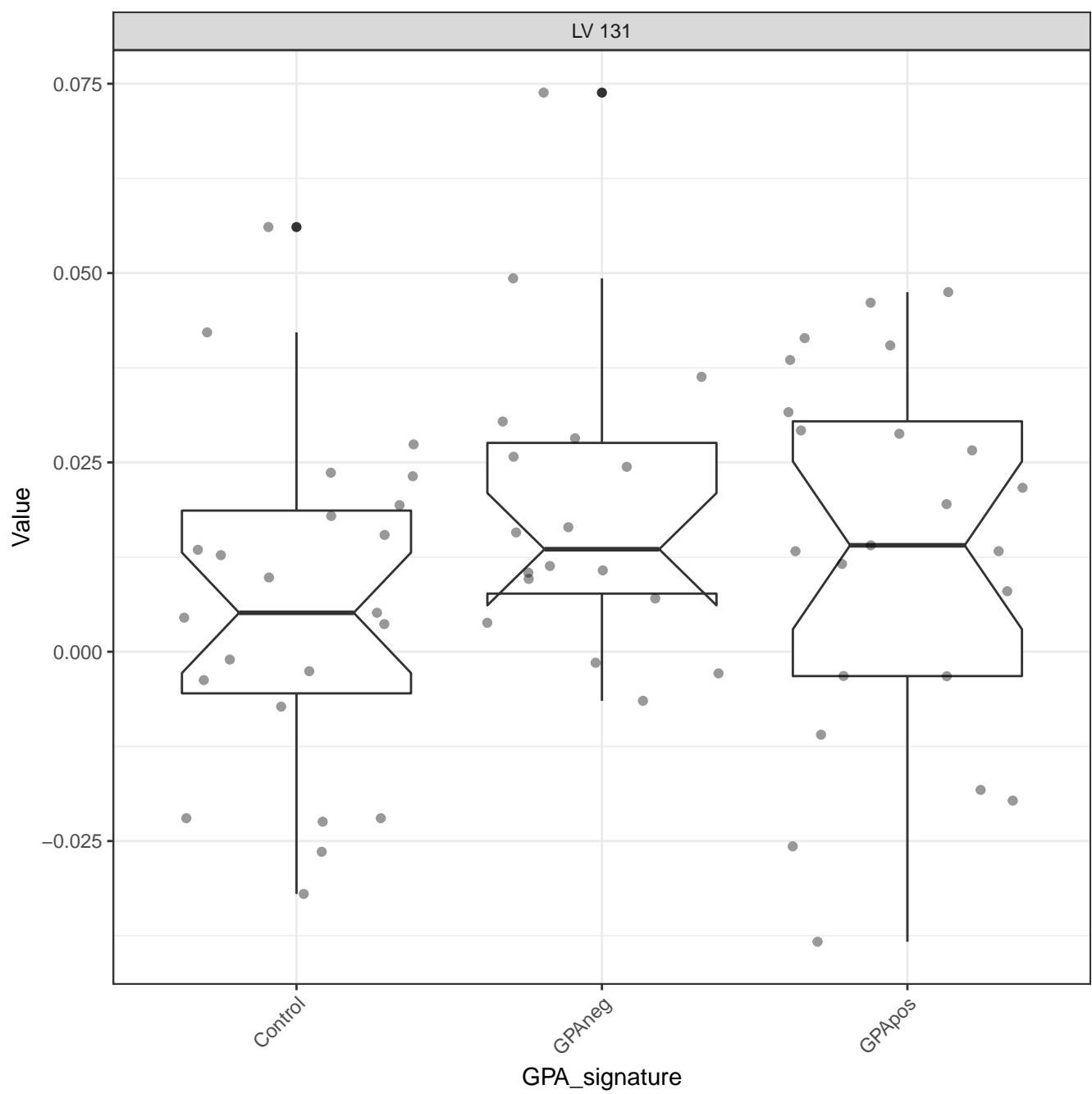
GPA_signature

GPAneg

GPApos



LV 131



LV 132

Value

0.05

0.01

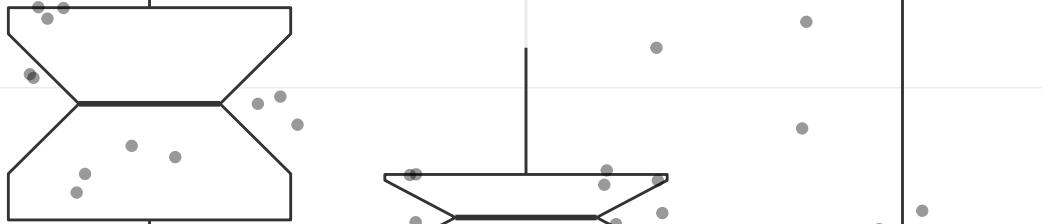
-0.05

Control

GPAneg

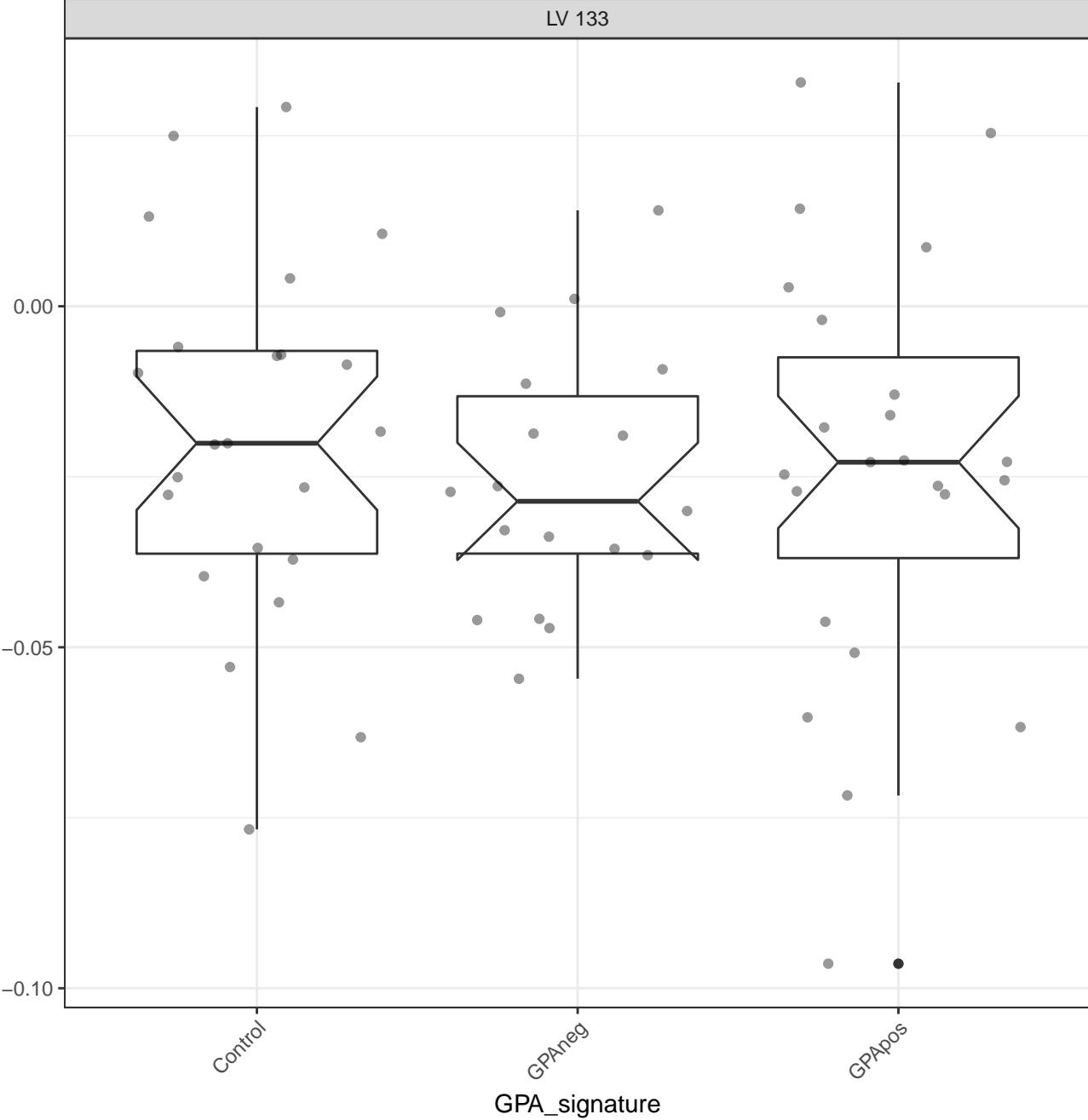
GPAPos

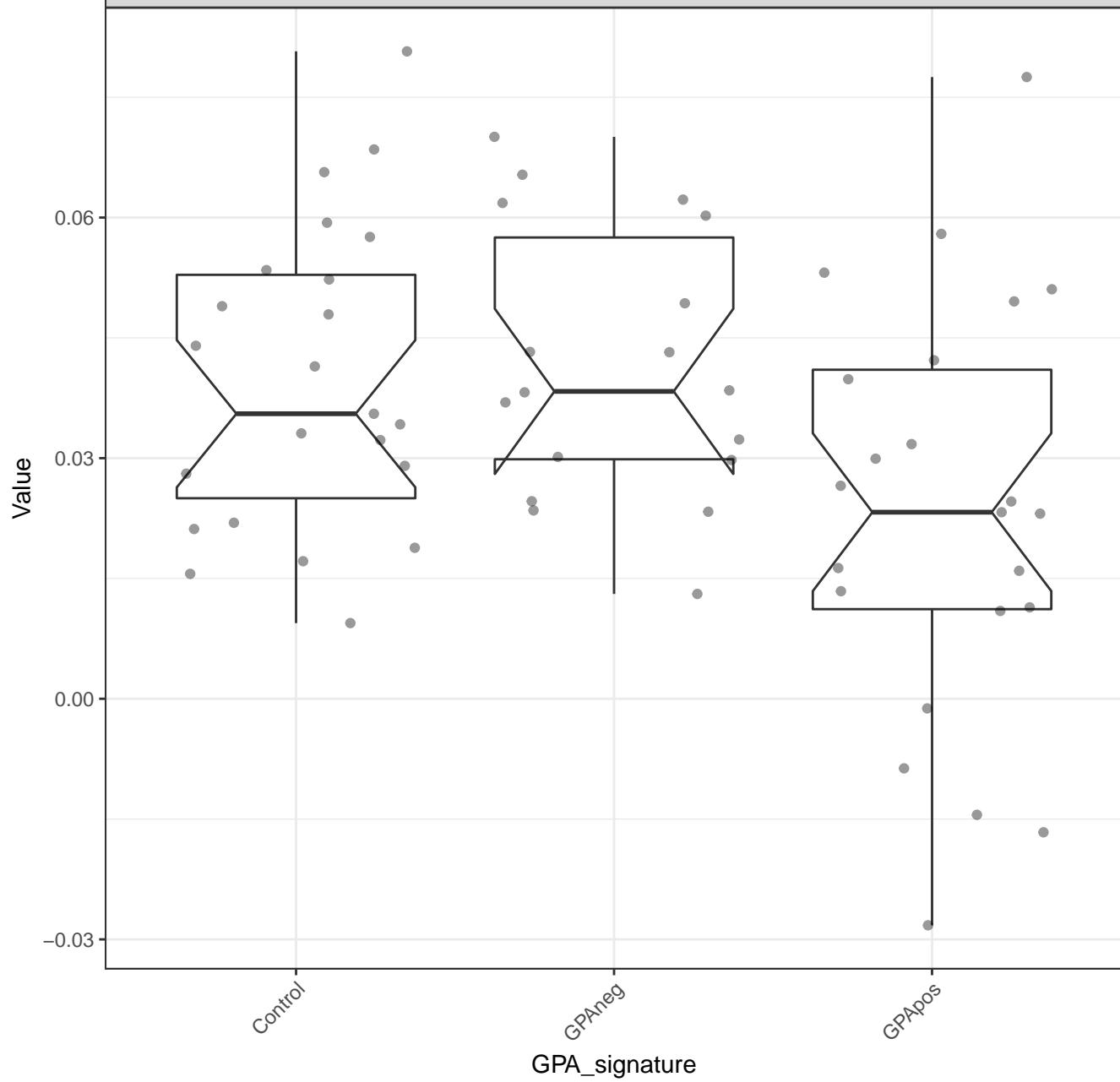
GPA_signature



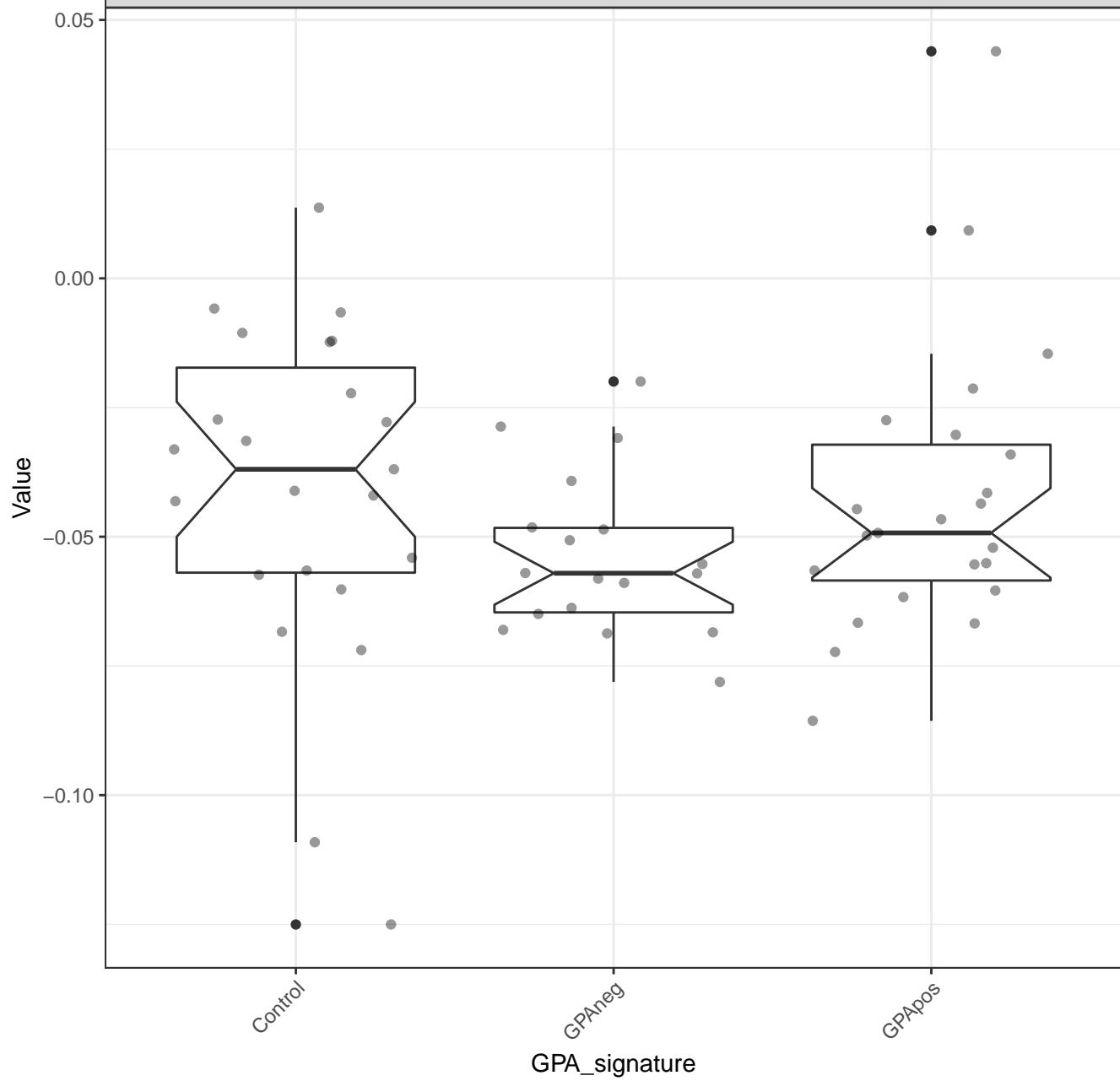
LV 133

Value

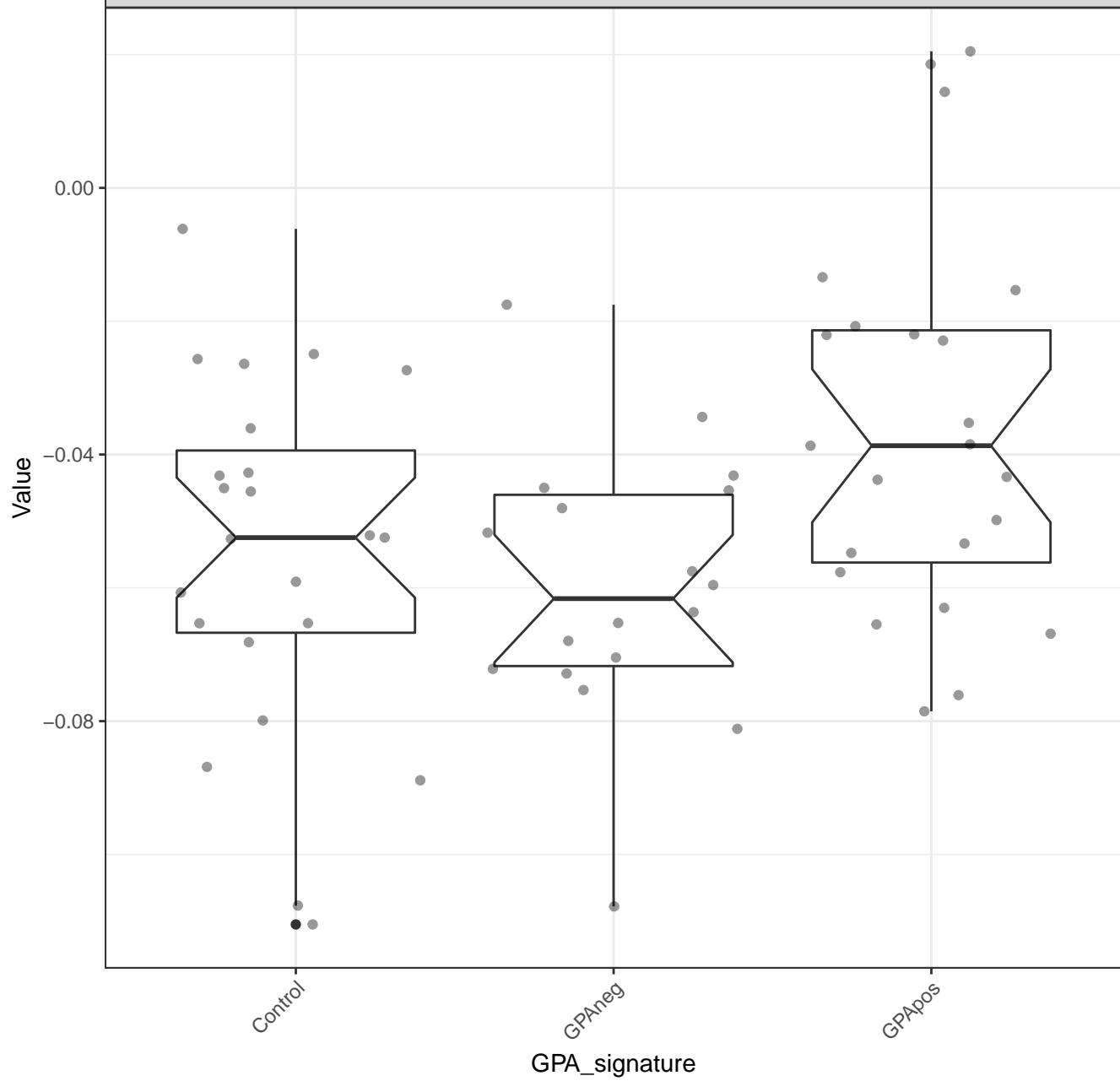




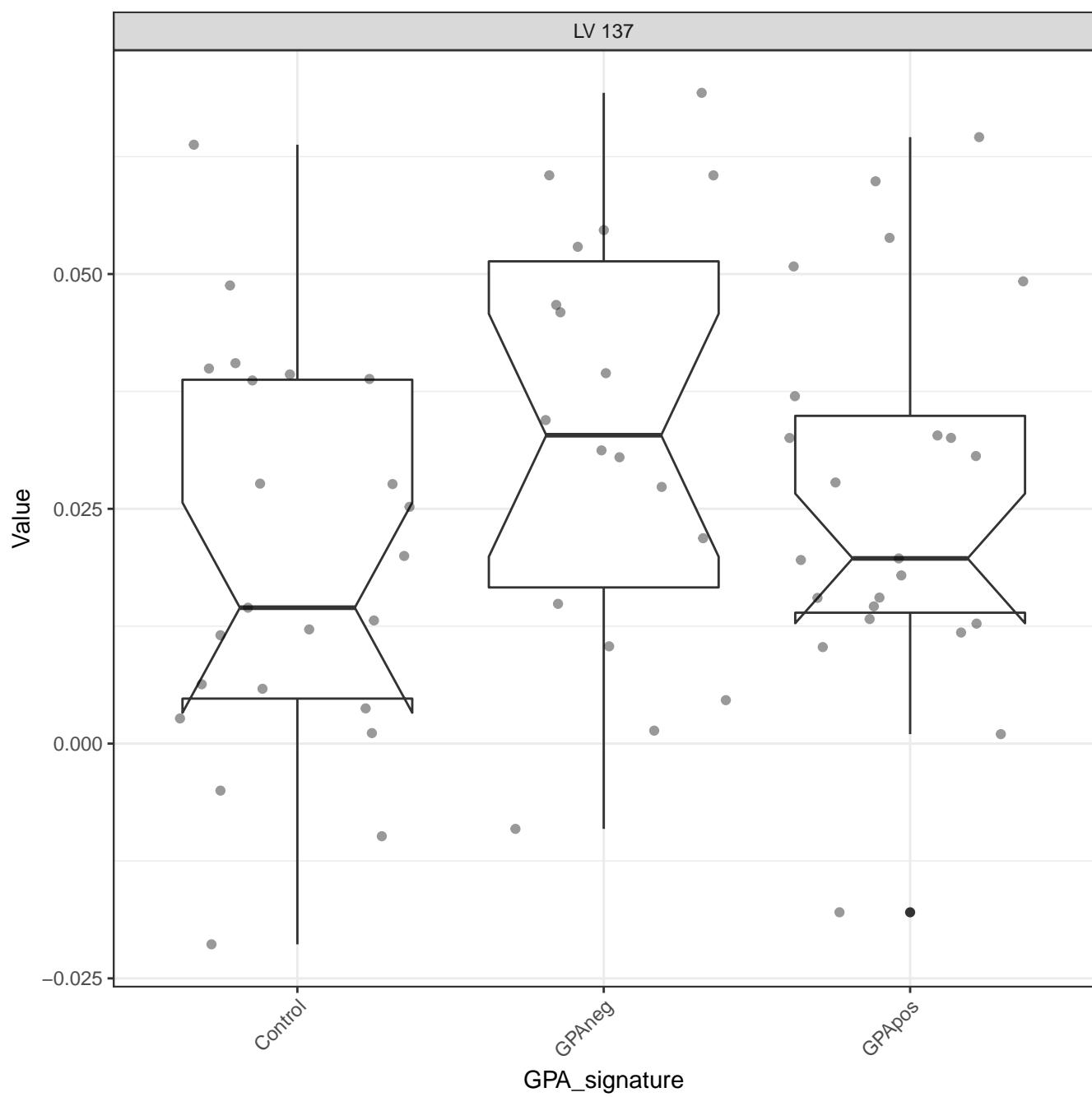
LV 135



136,PID_INTEGRIN1_PATHWAY



LV 137



LV 138

Value

0.04

0.02

0.00

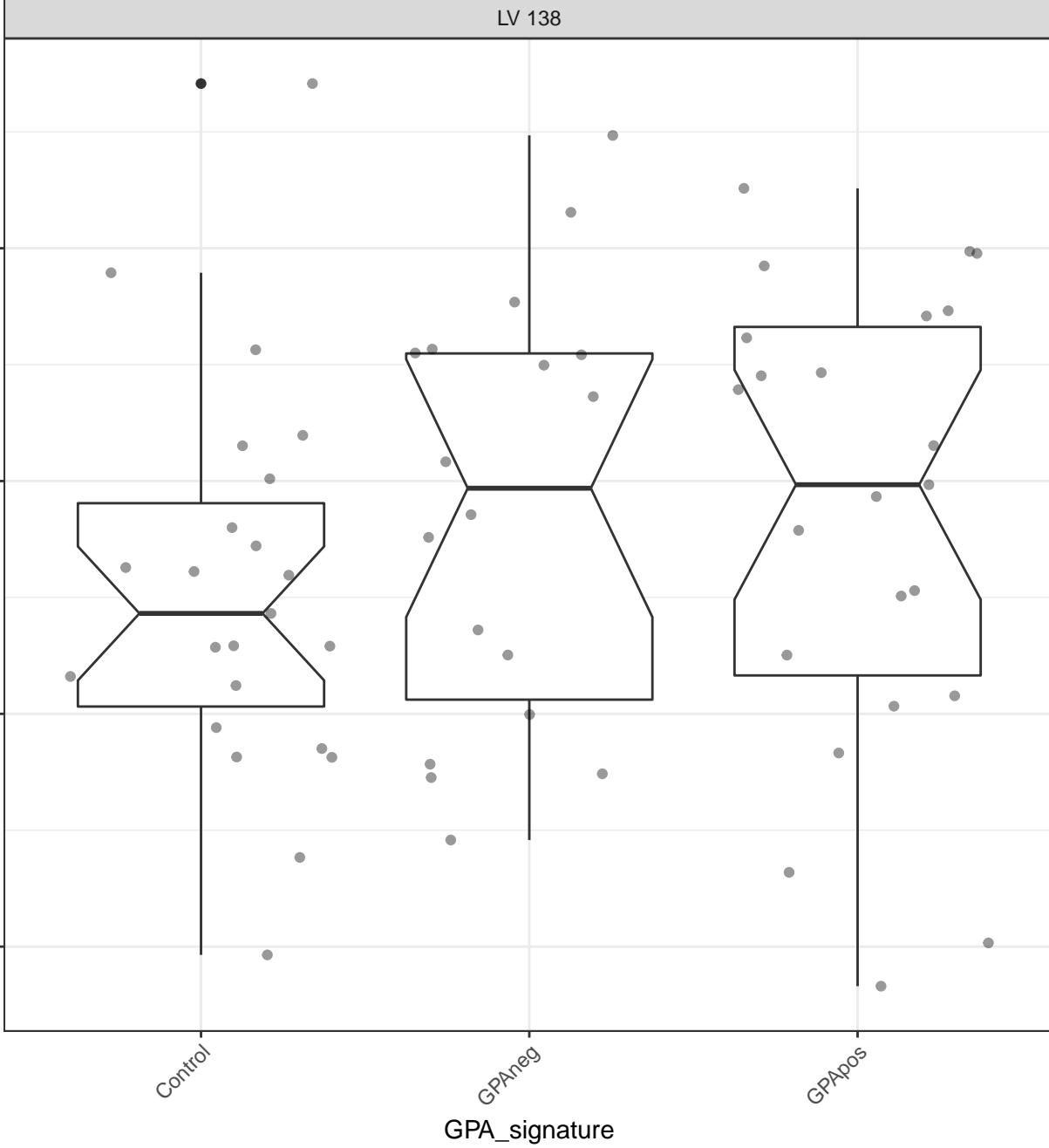
-0.02

Control

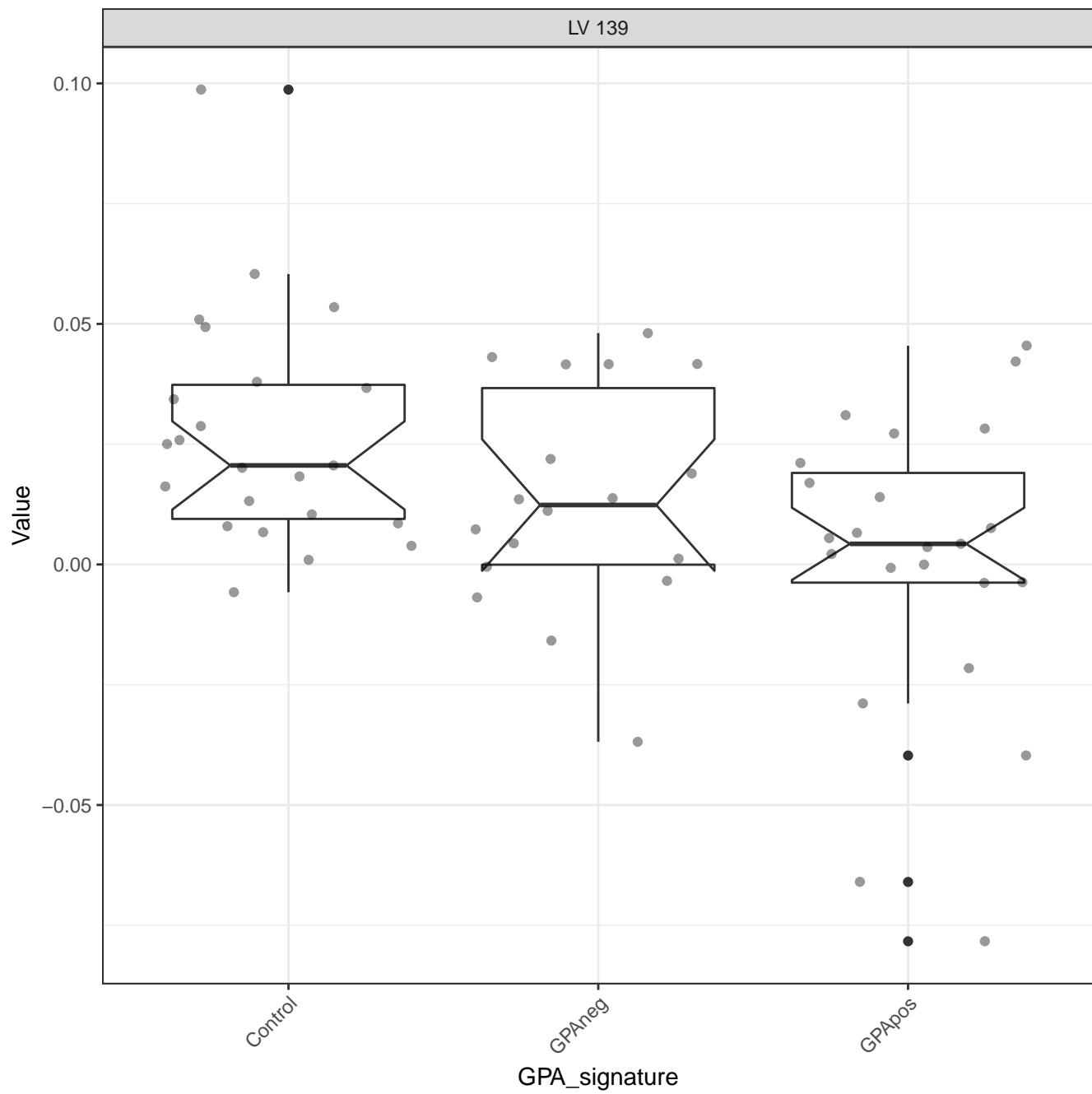
GPAneg

GPAPos

GPA_signature



LV 139



140,REACTOME_INTERFERON_GAMMA_SIGNALING

Value

0.10

0.05

0.00

-0.05

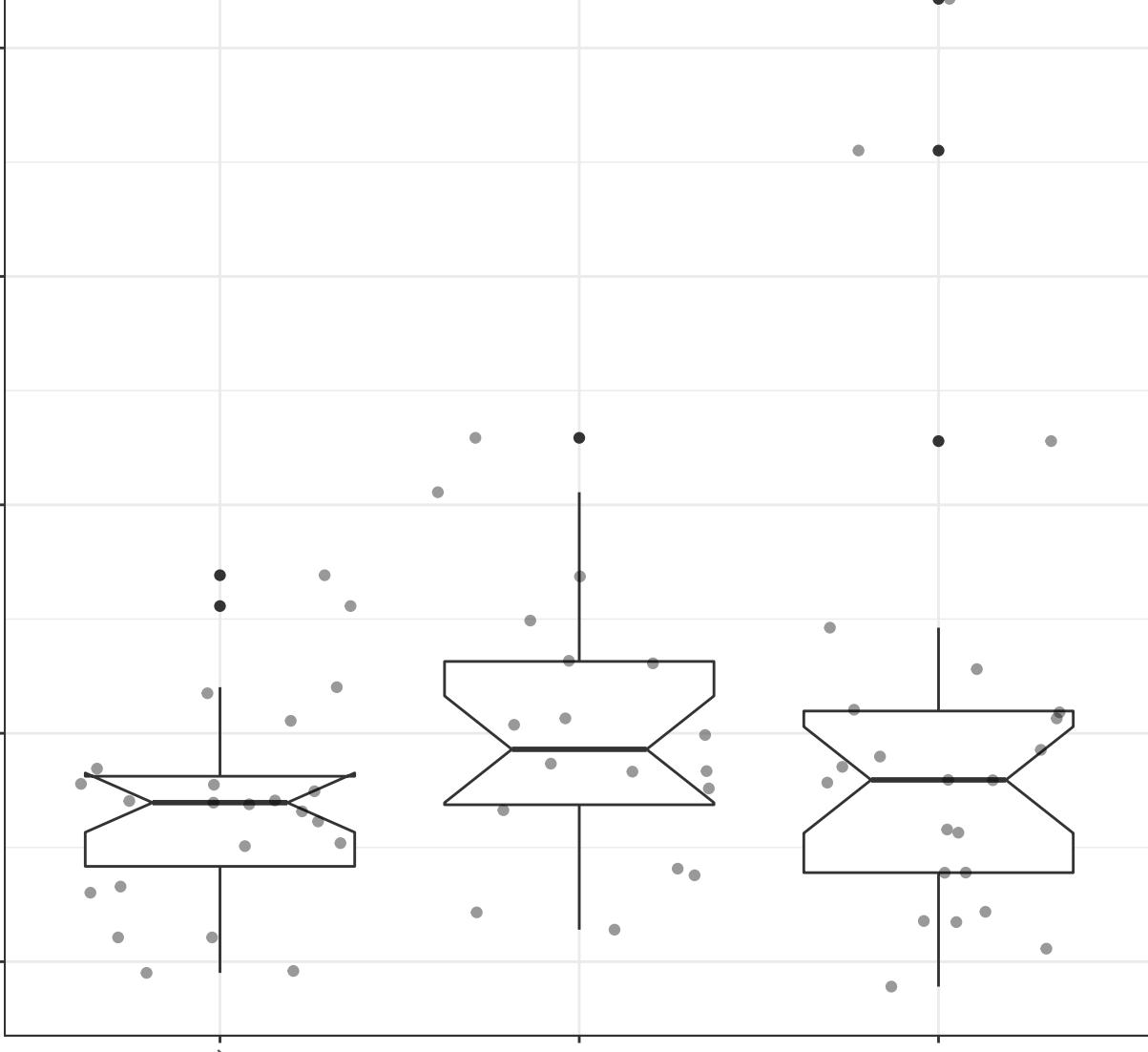
-0.10

Control

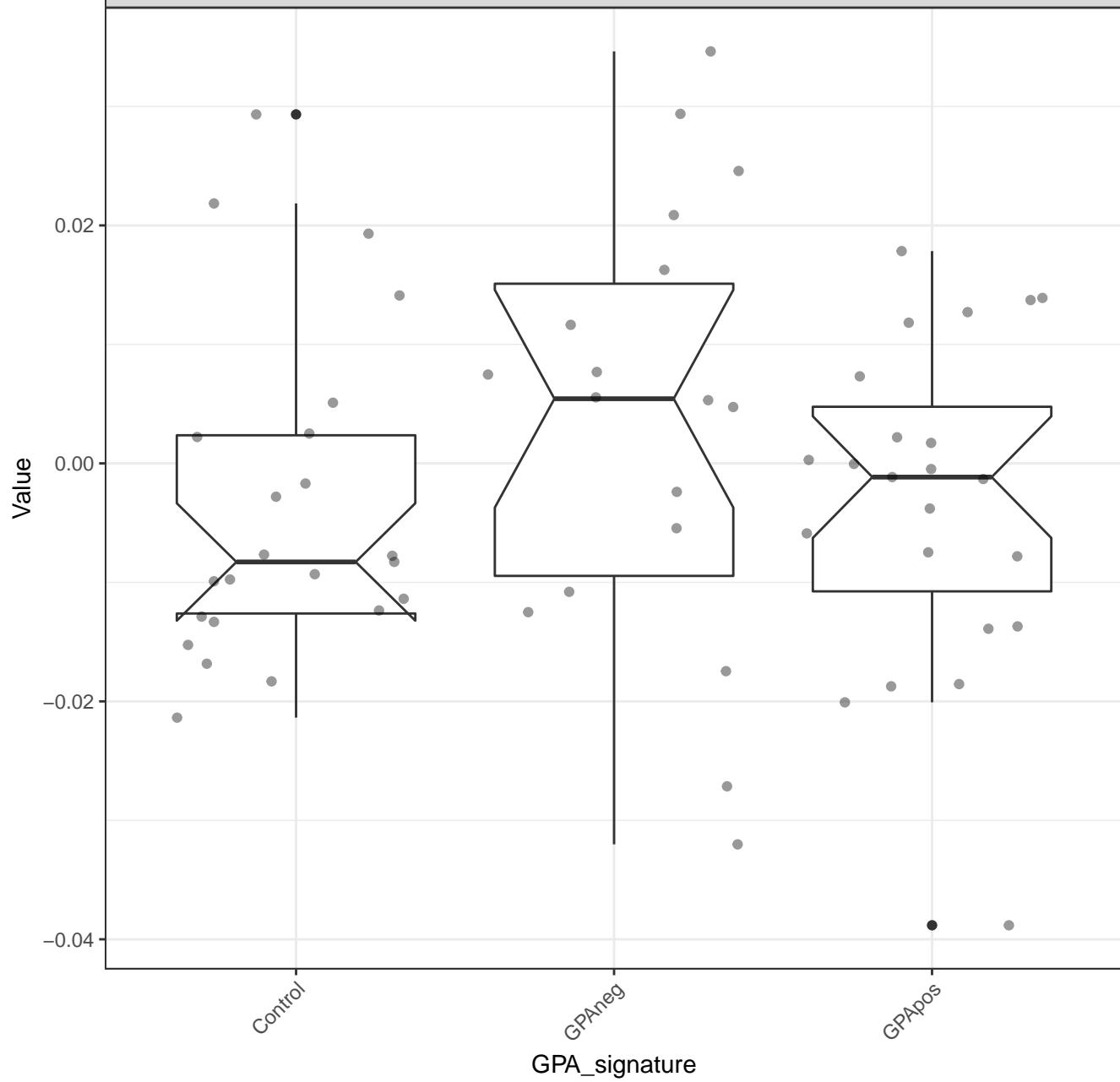
GPAneg

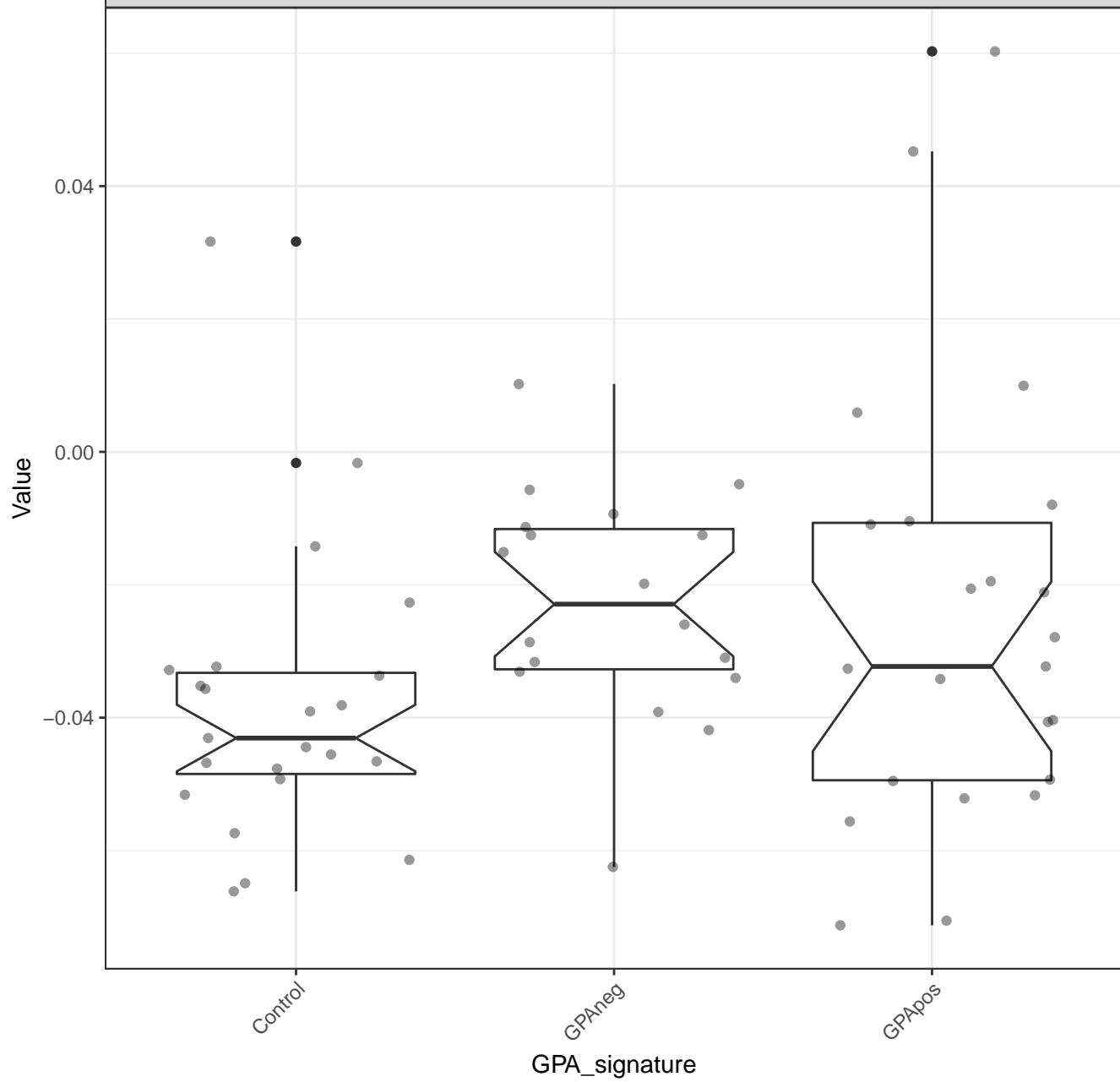
GPAPos

GPA_signature

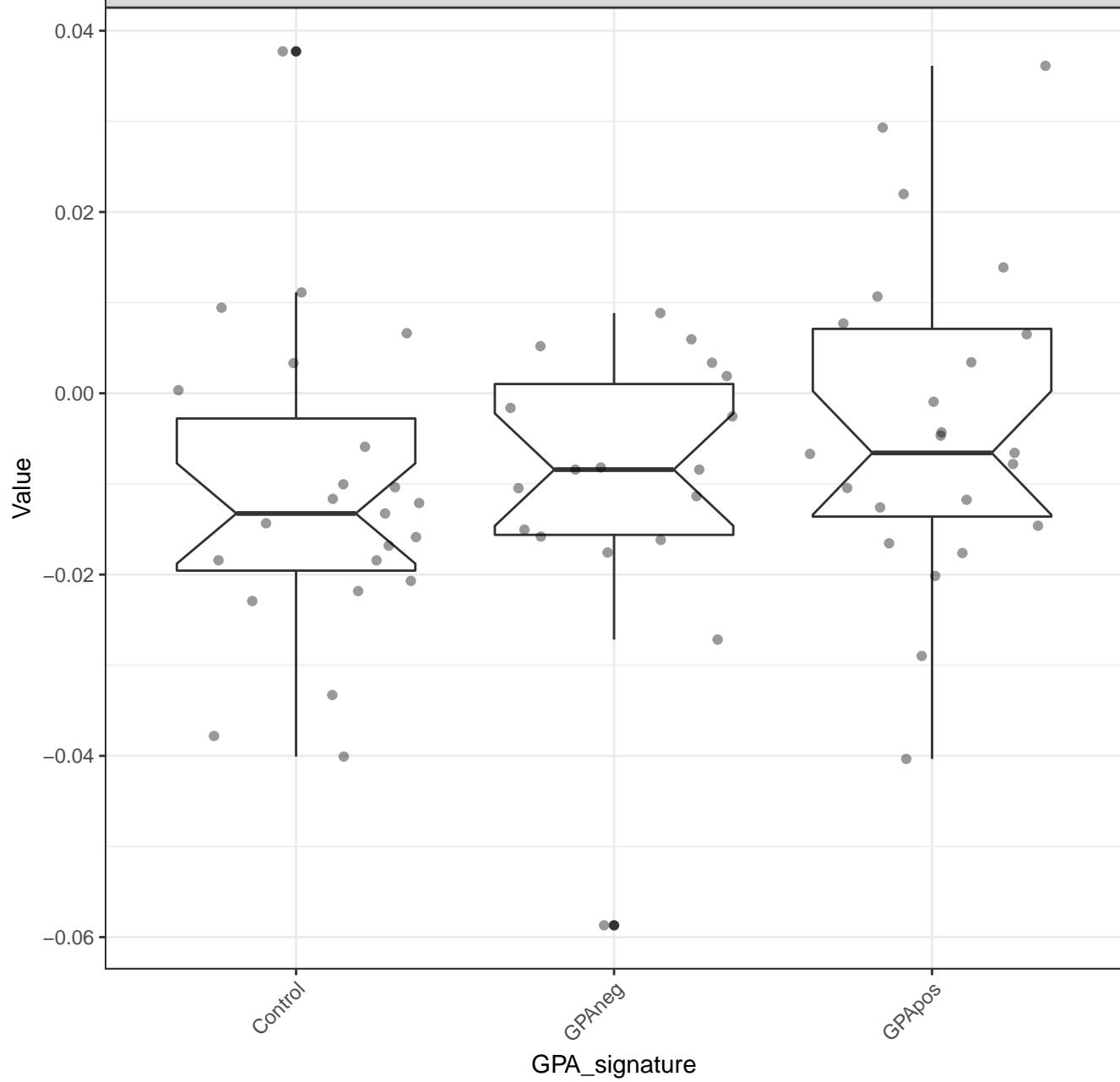


LV 141





LV 143



LV 144

Value

0.05

0.00

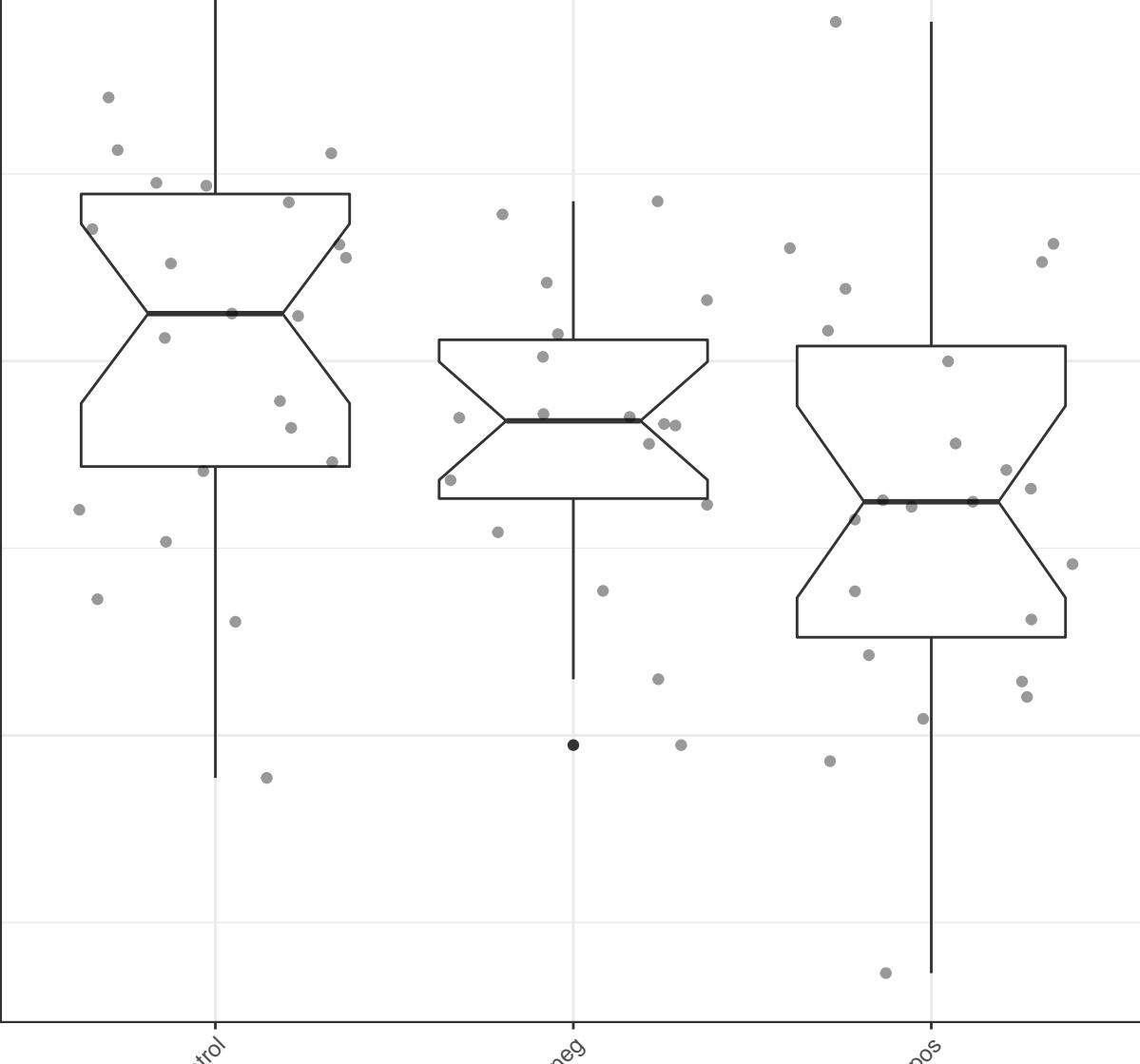
-0.05

Control

GPA_signature

GPAneg

GPApos



LV 145

Value

0.10

0.05

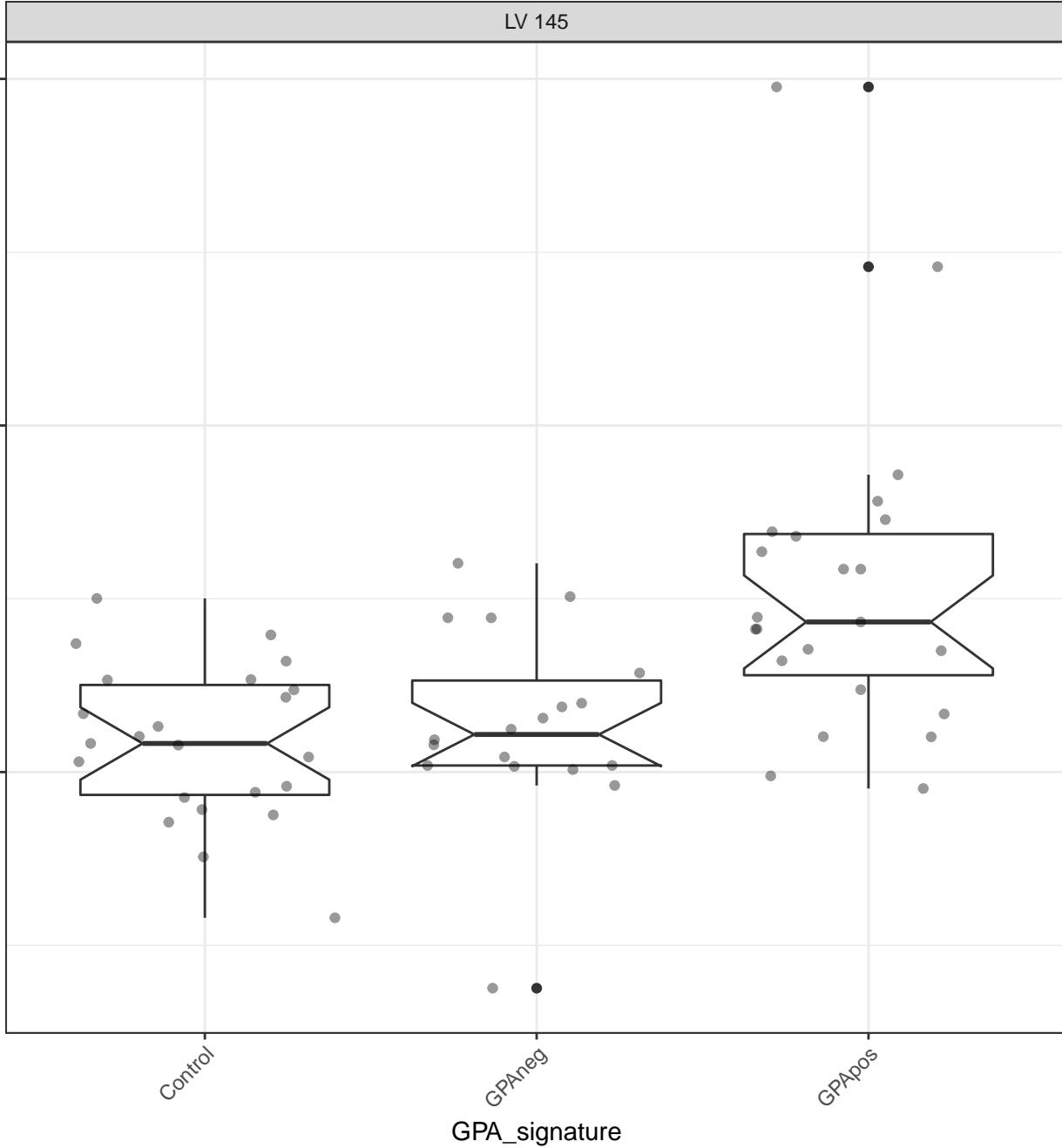
0.00

Control

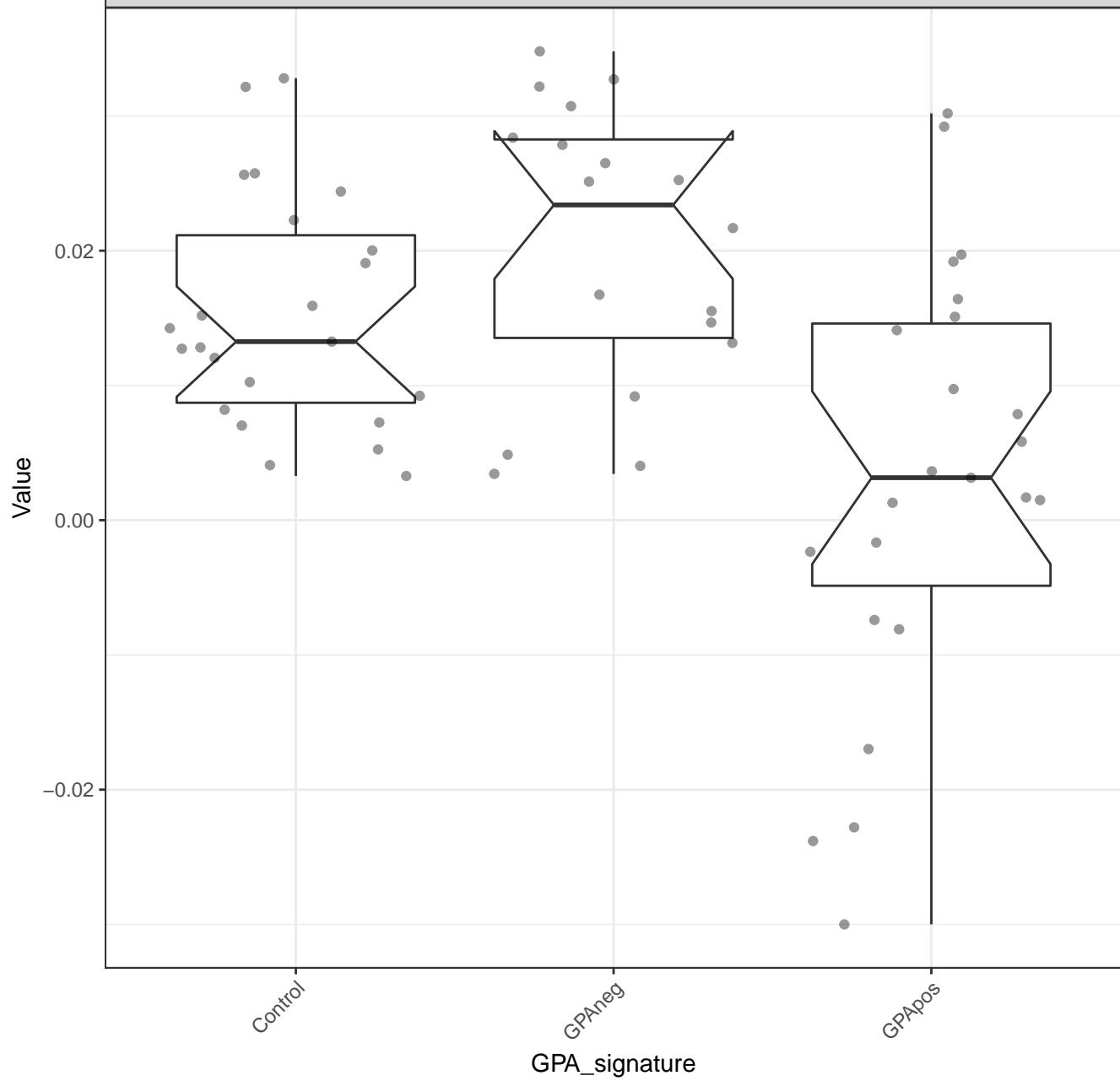
GPAneg

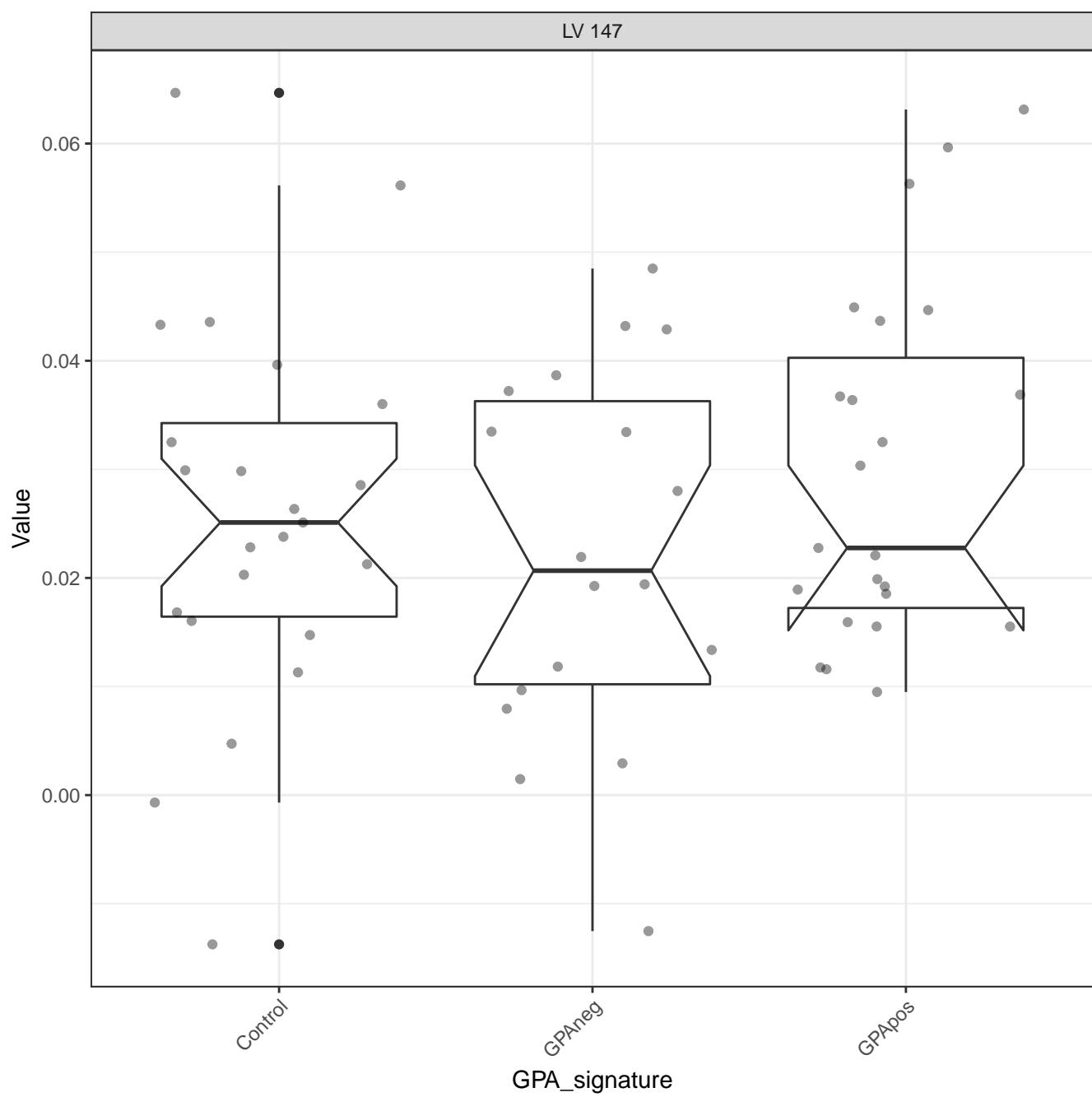
GPApos

GPA_signature



LV 146





LV 148

Value

0.025

0.000

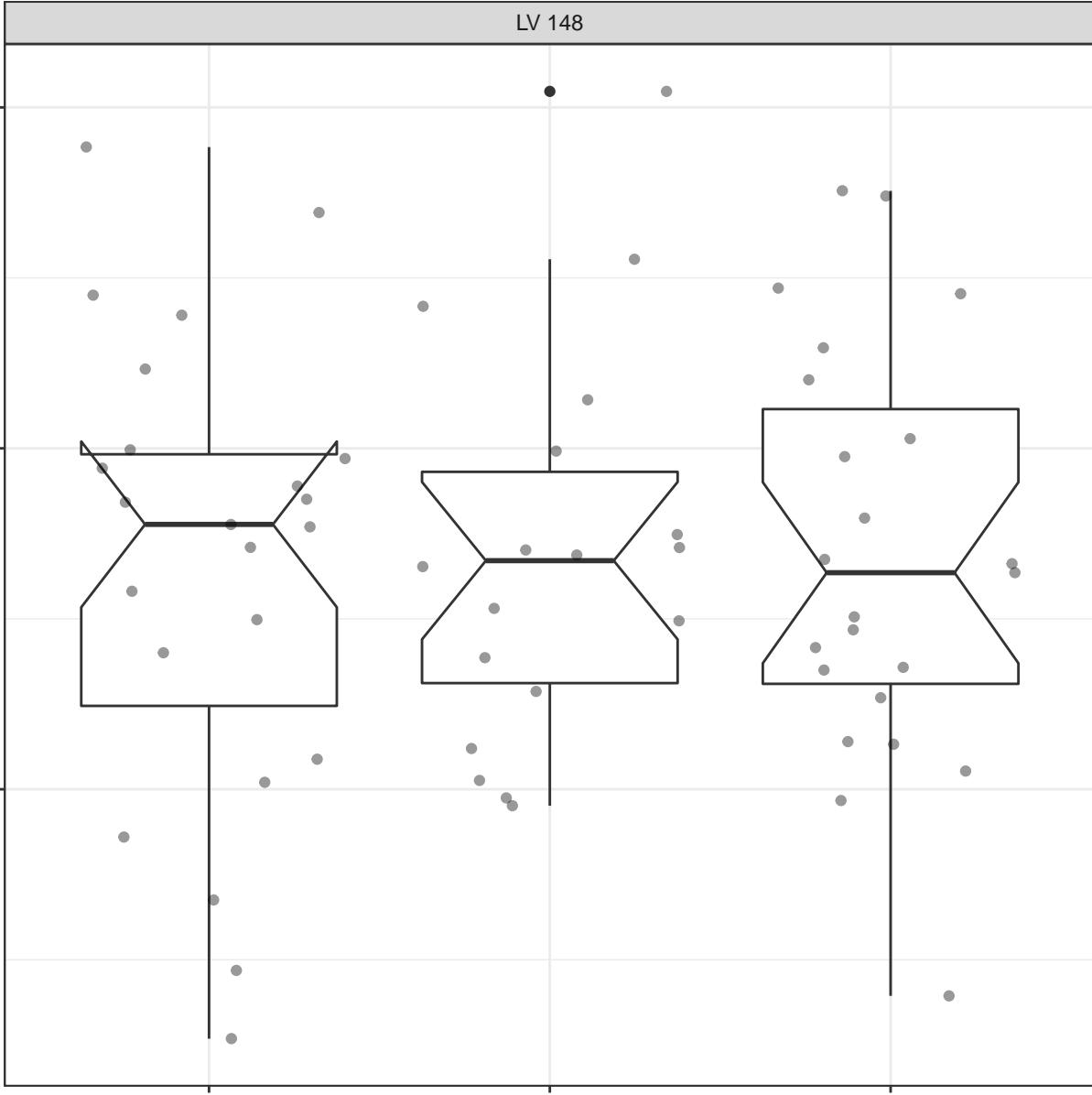
-0.025

Control

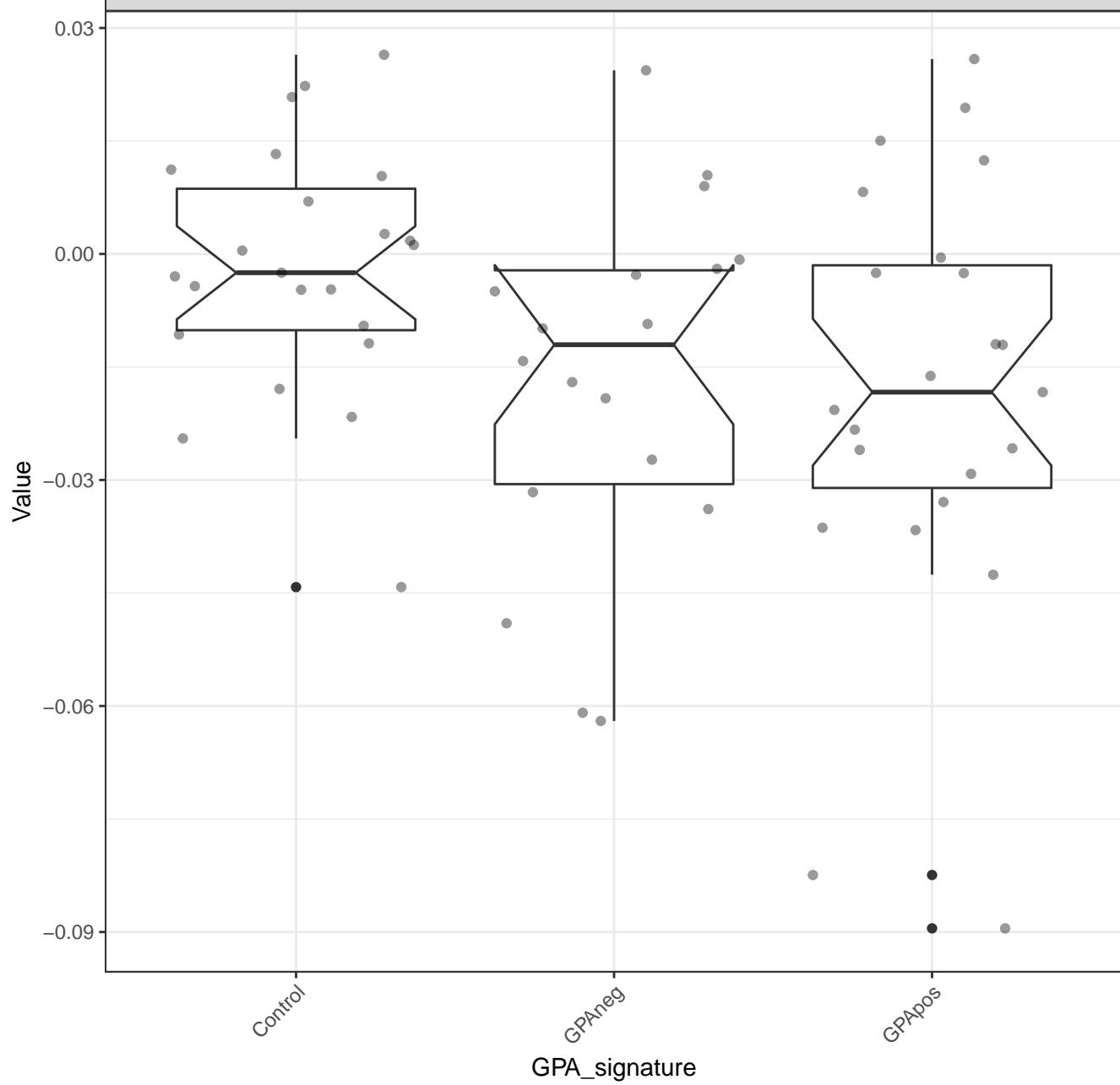
GPA_signature

GPAneg

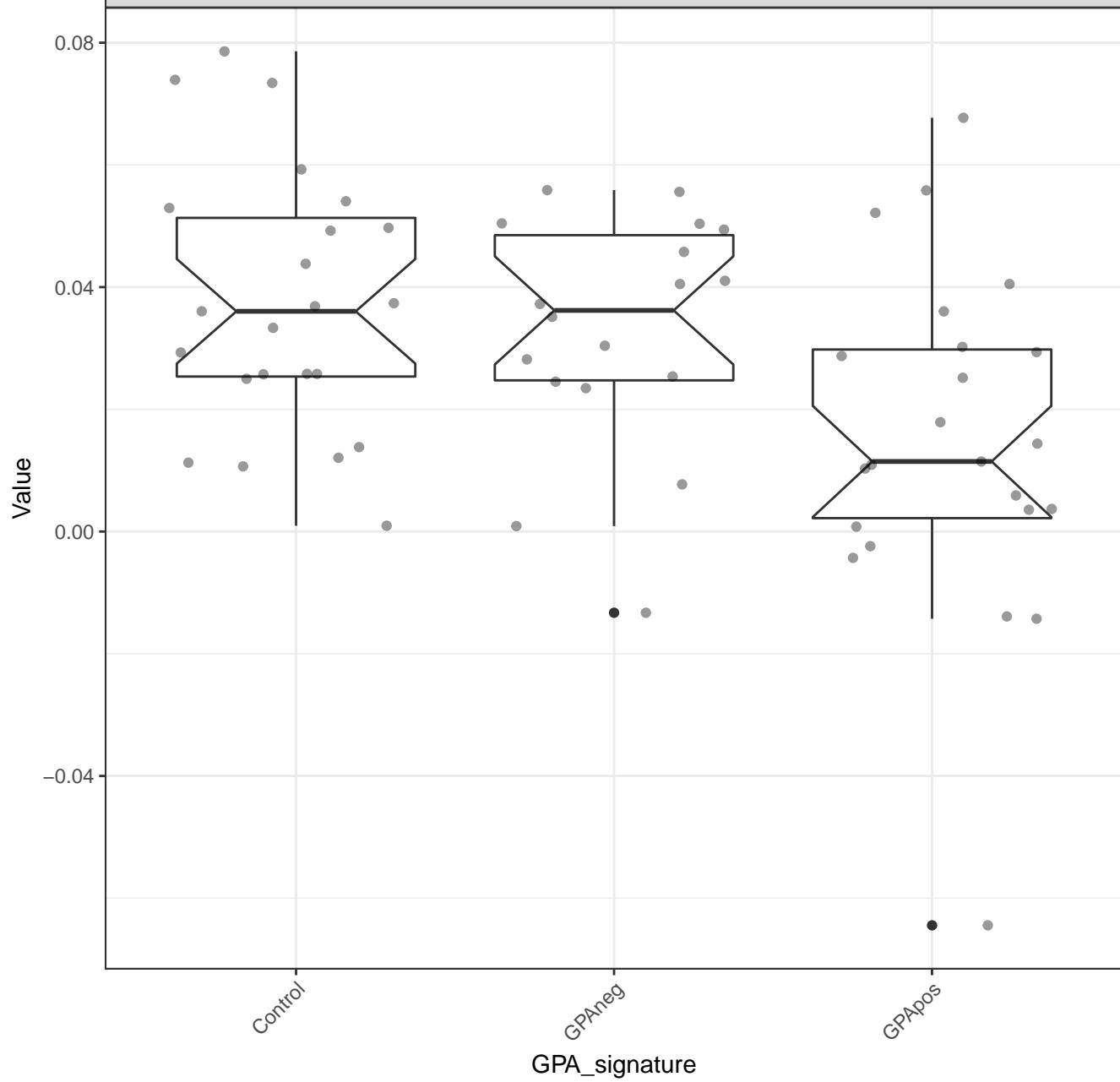
GPAPos



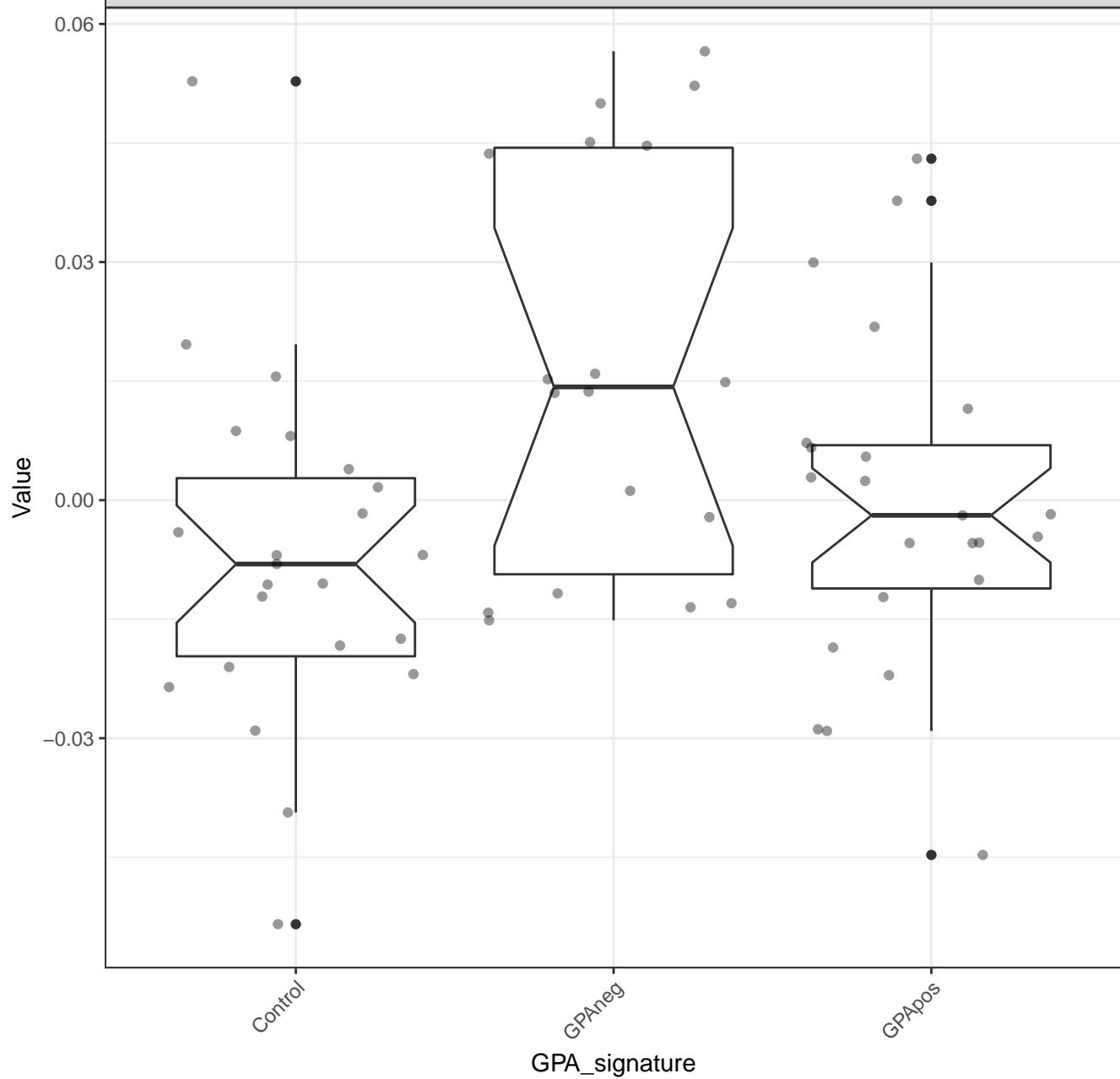
LV 149



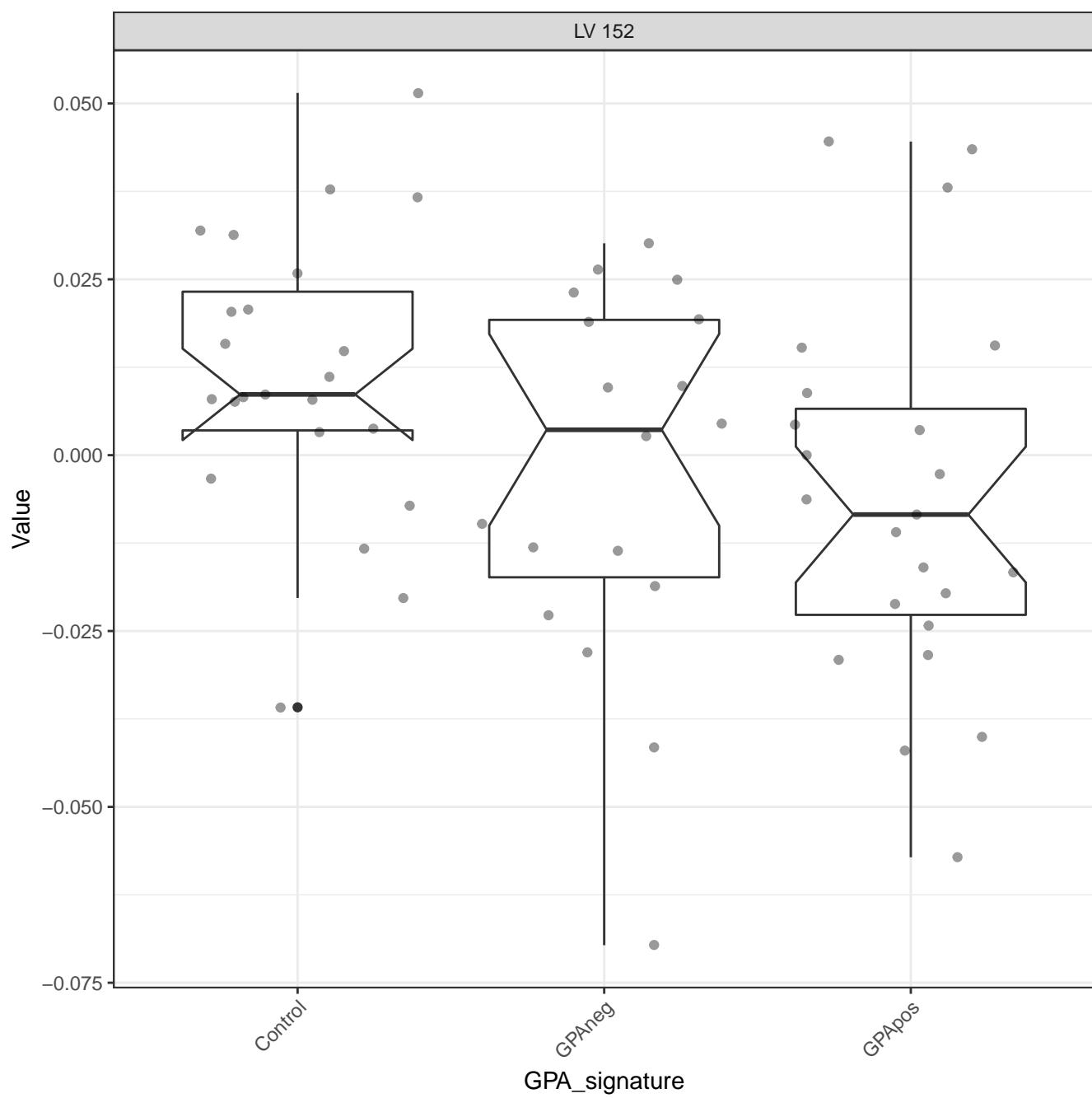
LV 150



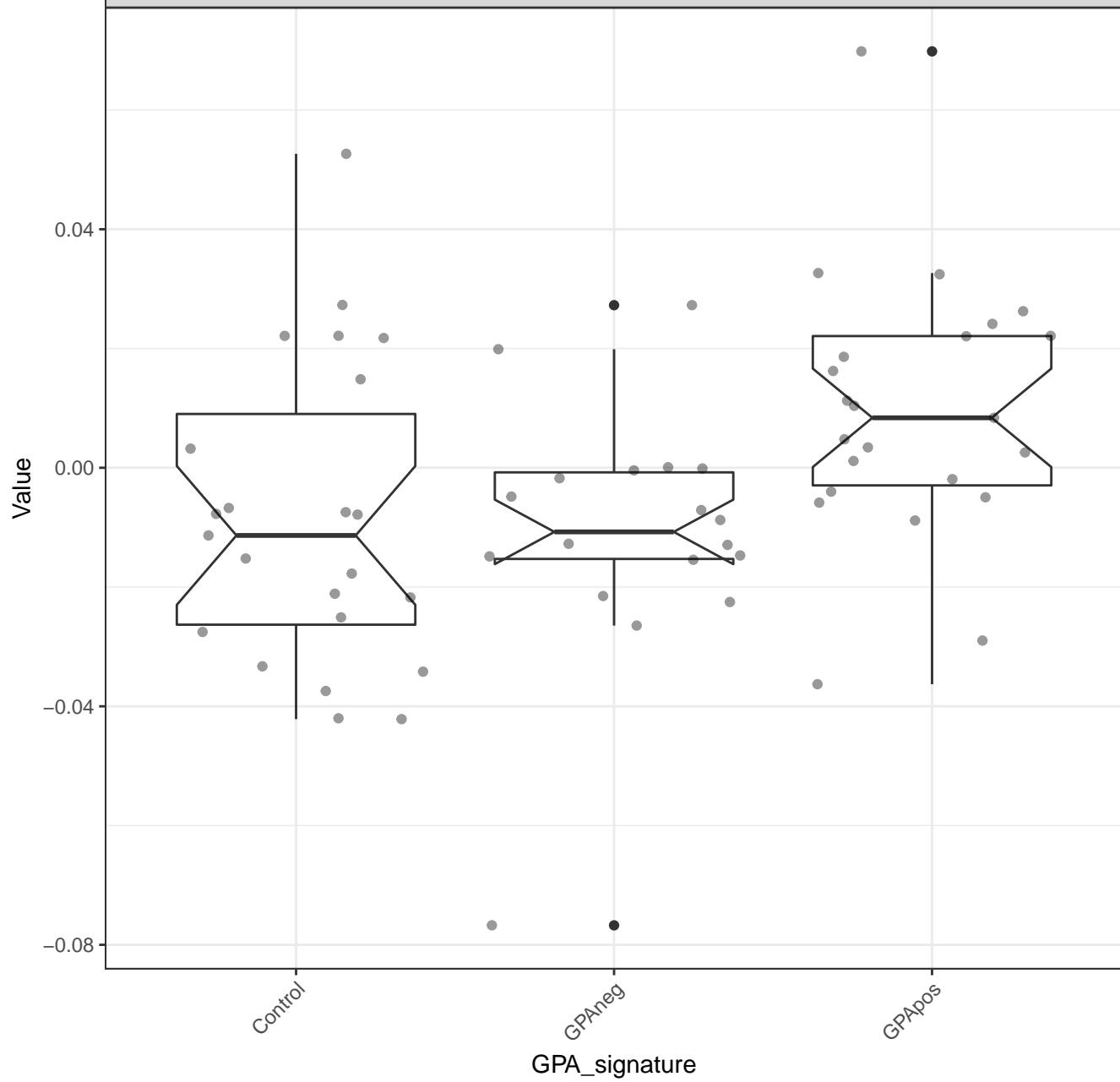
LV 151



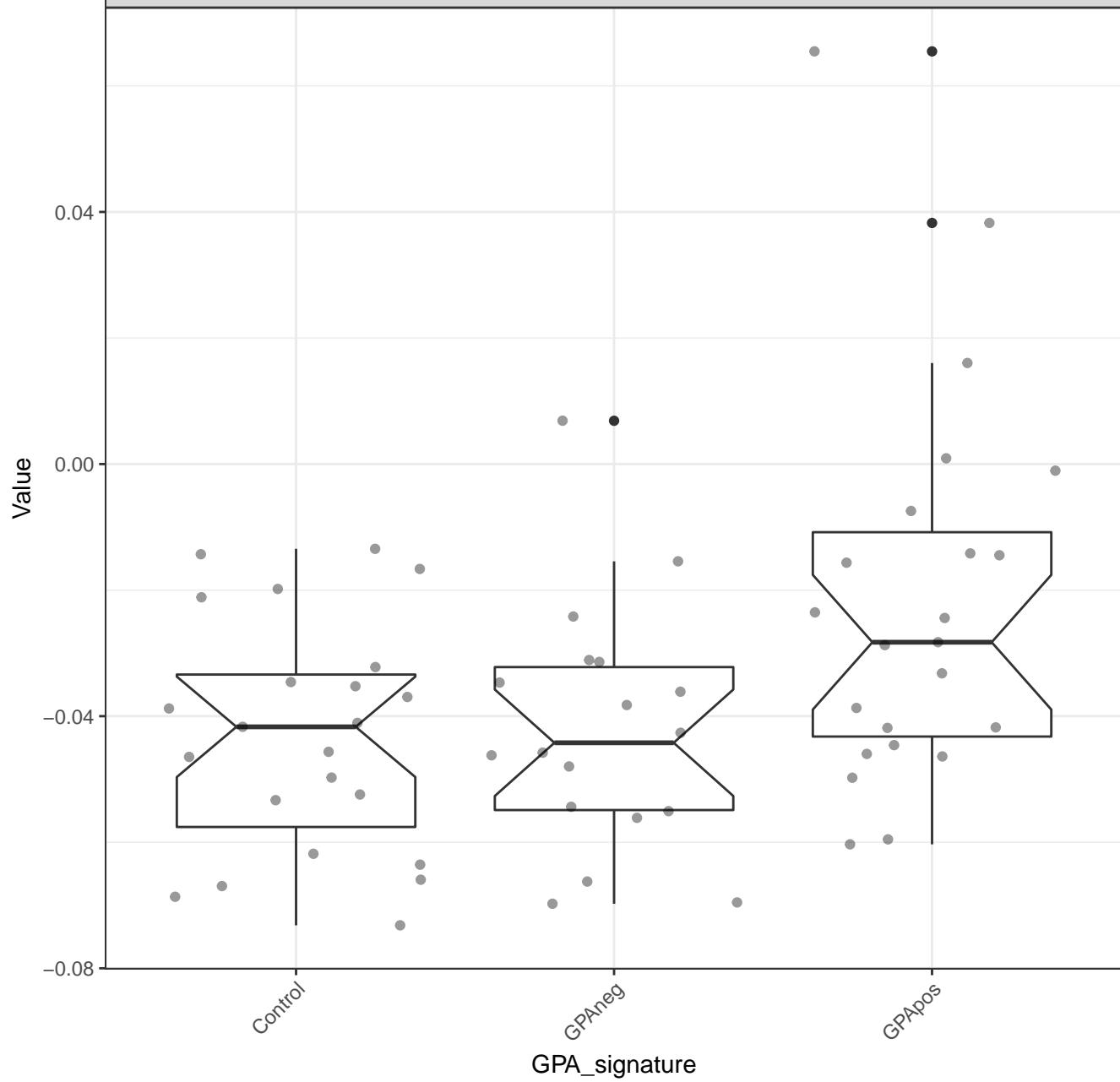
LV 152



LV 153



LV 154



LV 155

Value

0.05

0.00

-0.05

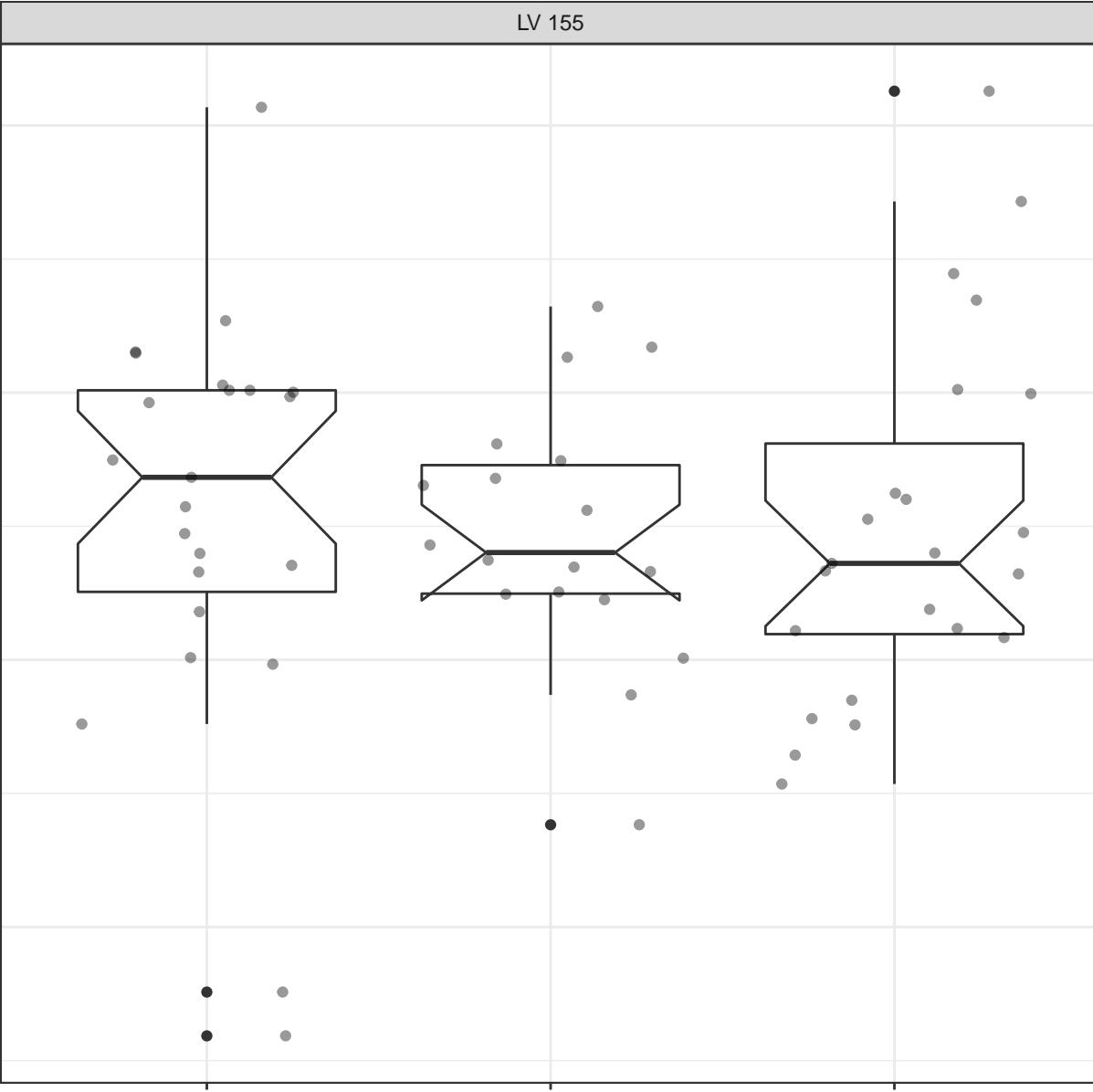
-0.10

Control

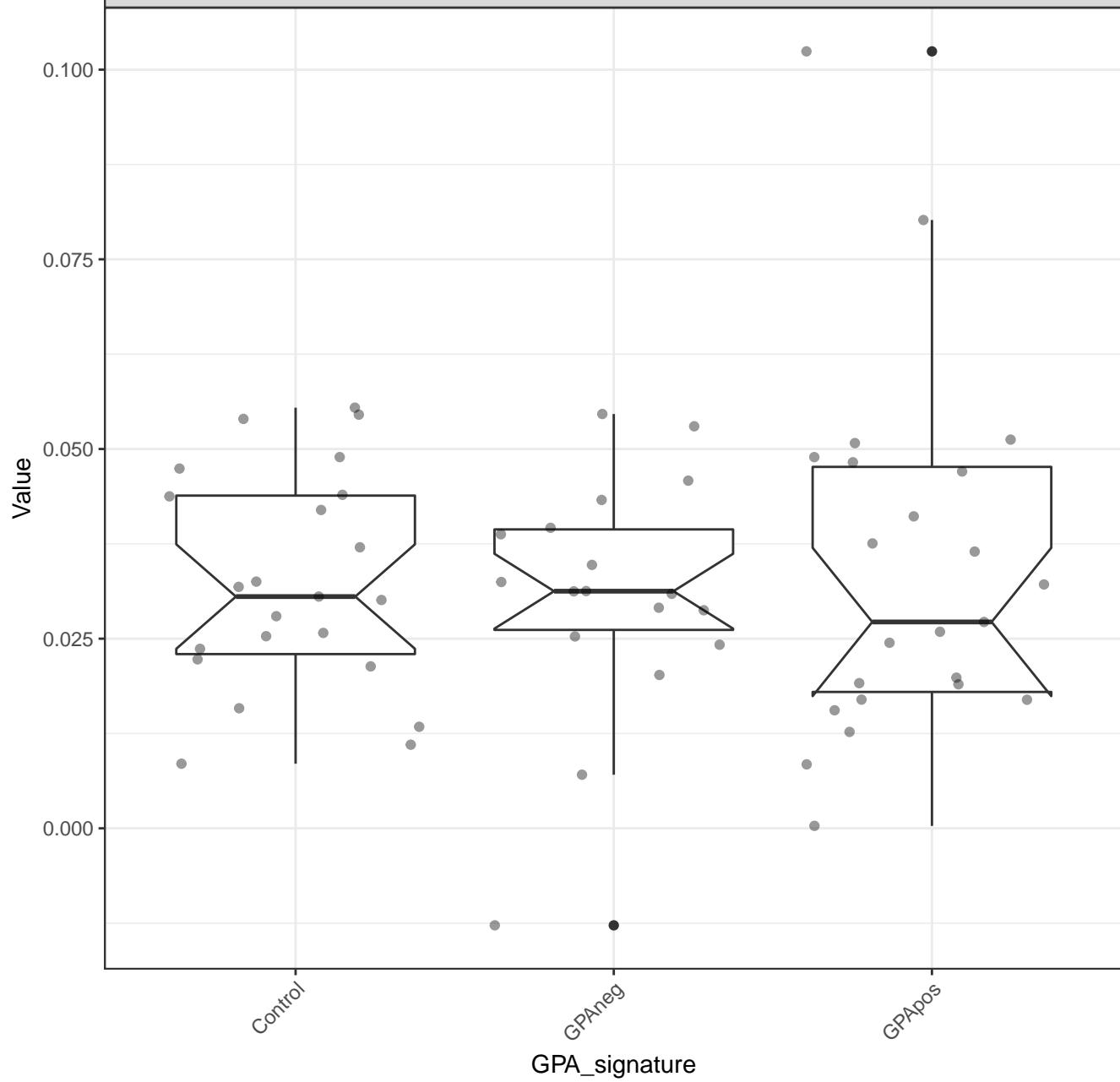
GPA_signature

GPAneg

GPAPos

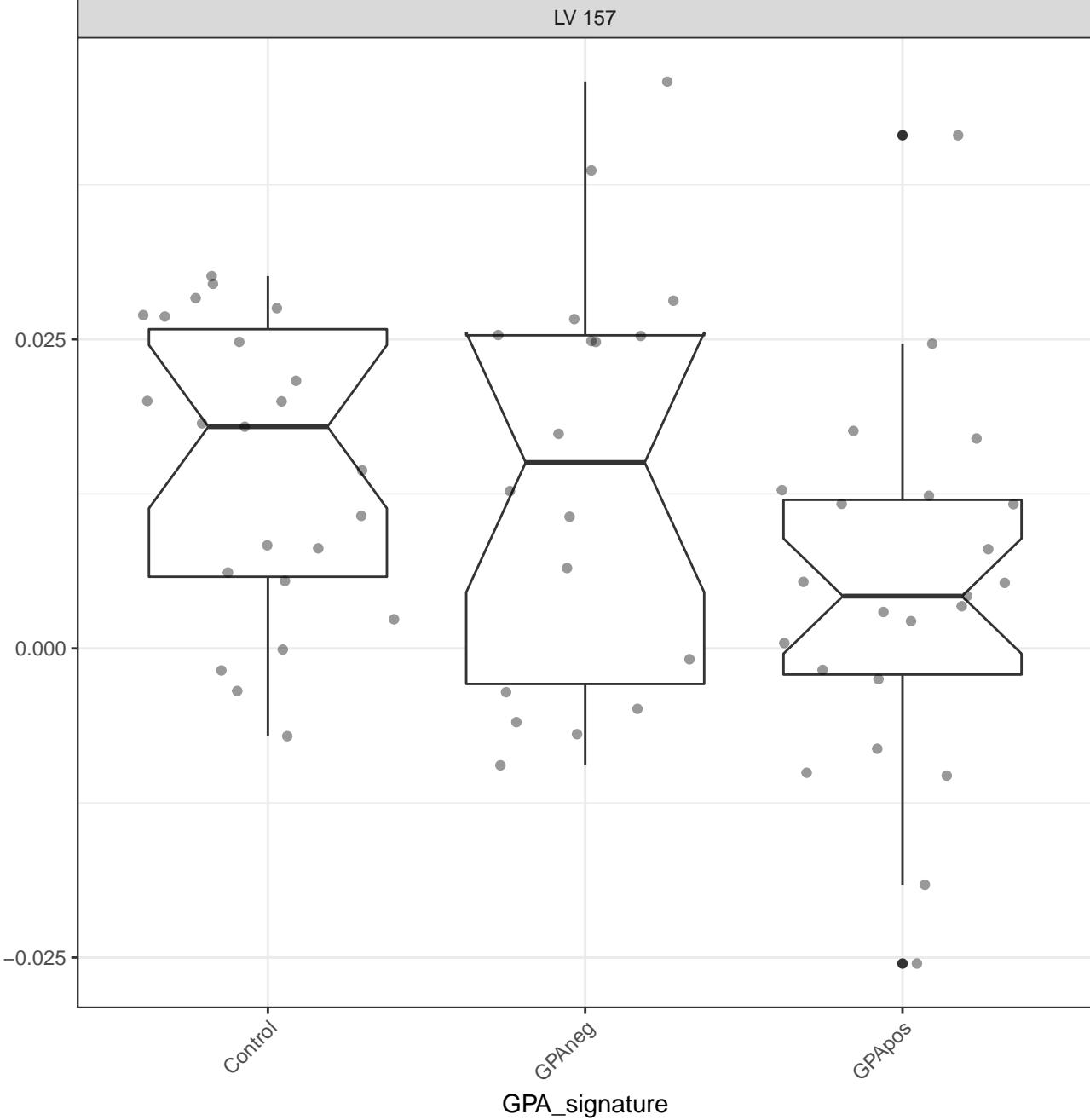


LV 156

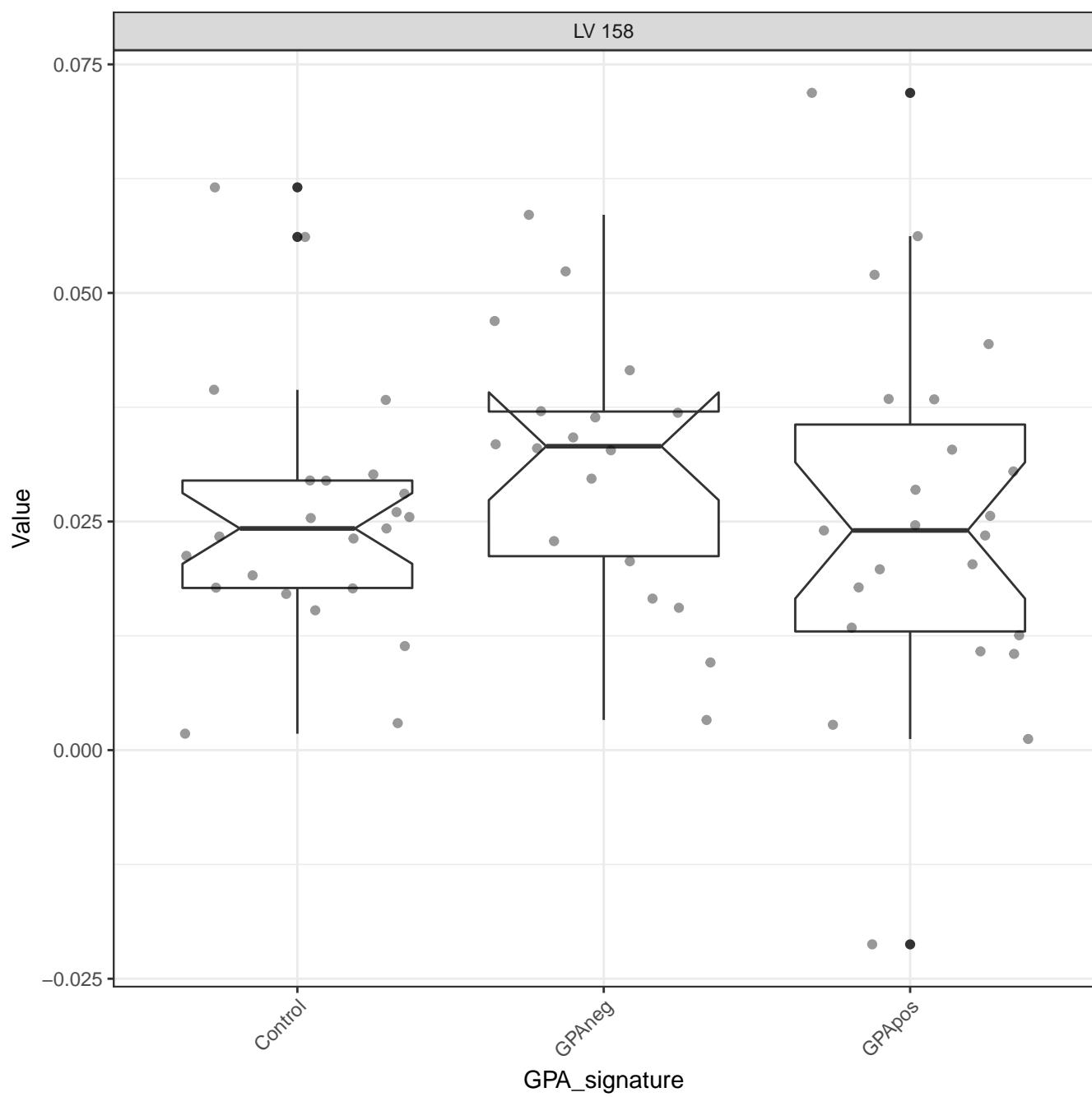


LV 157

Value



LV 158



LV 159

Value

0.05

0.00

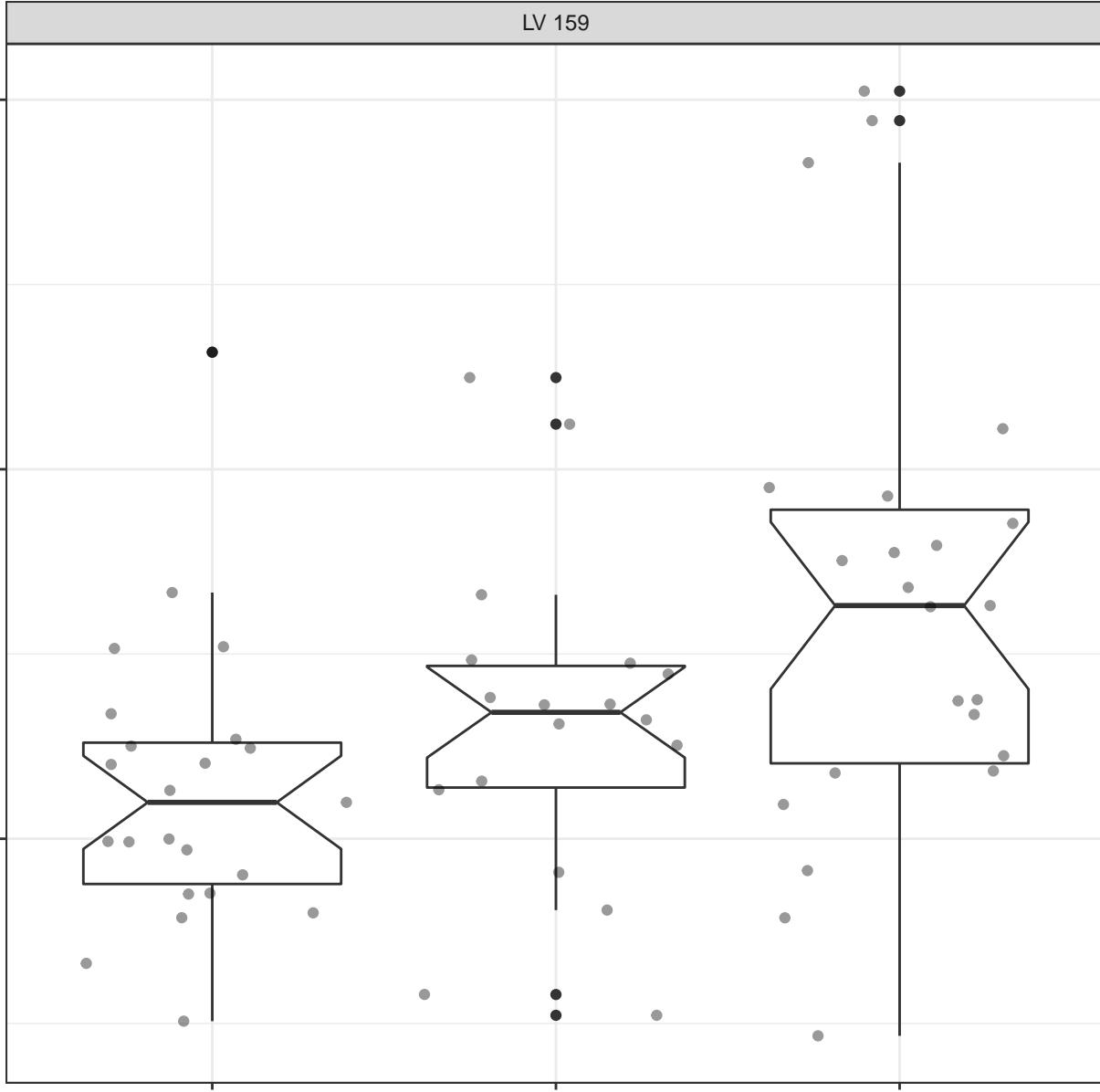
-0.05

Control

GPAneg

GPAPos

GPA_signature



Value

0.05

0.00

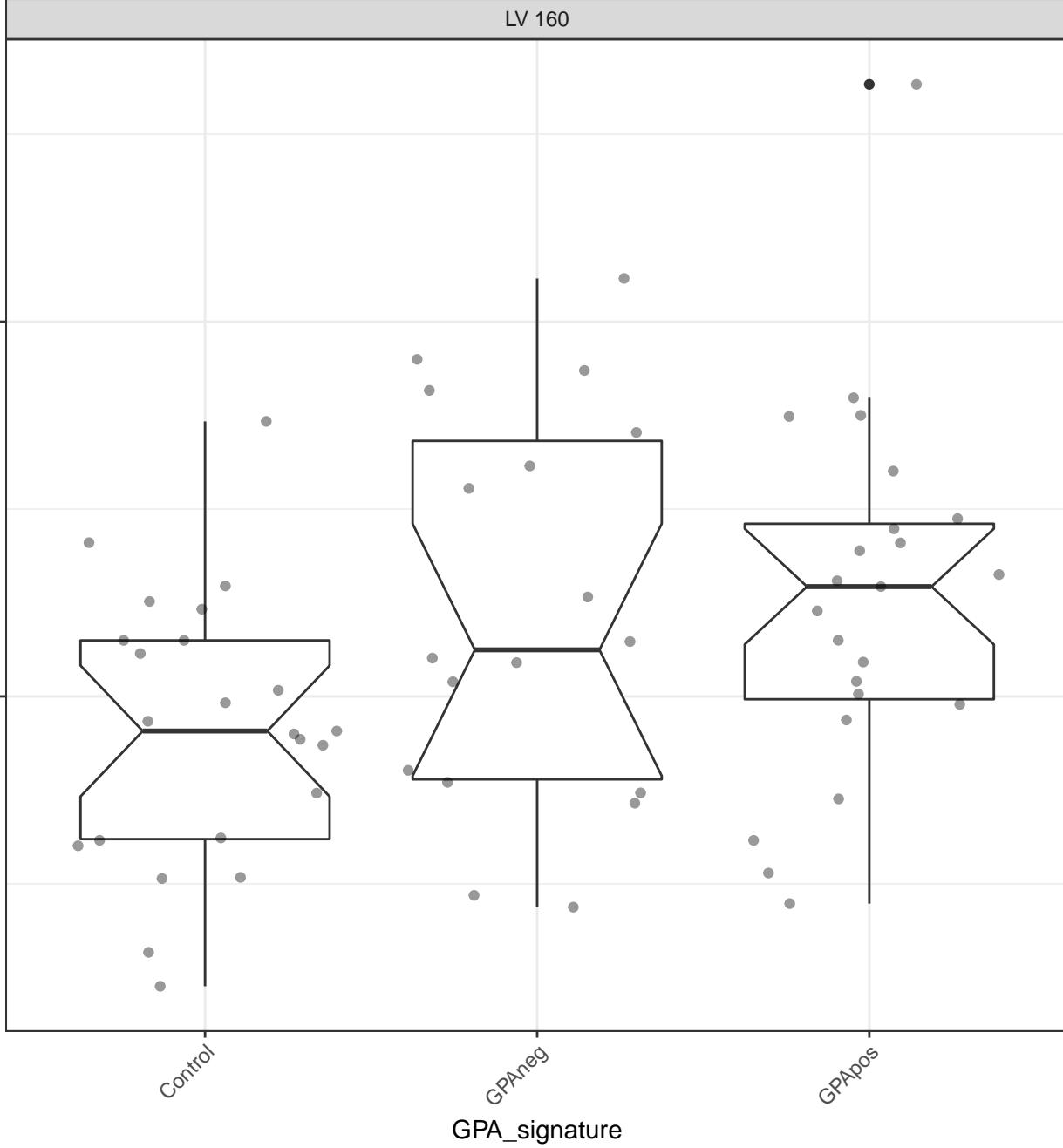
-0.05

Control

GPA_signature

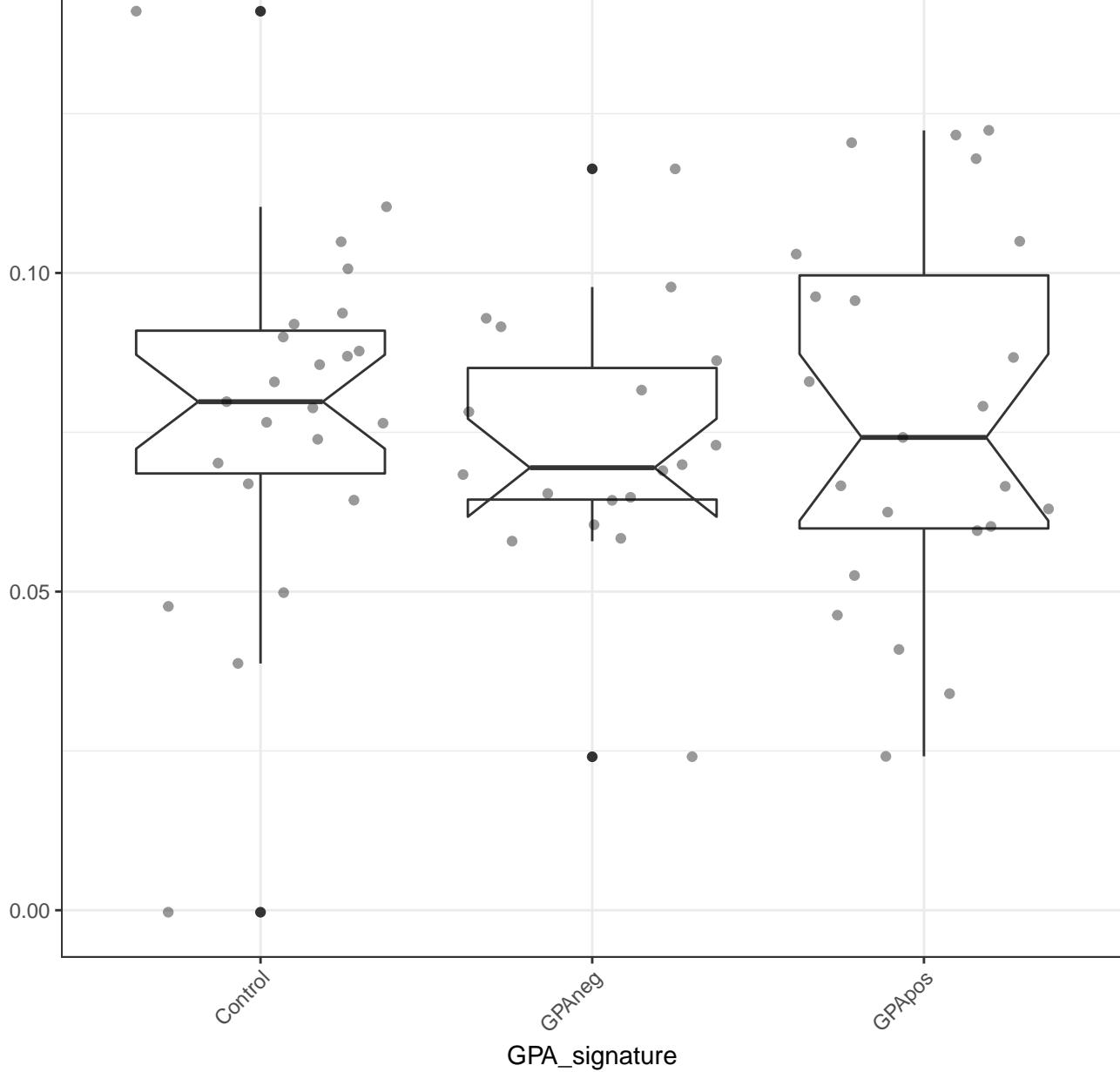
GPAneg

GPAPos

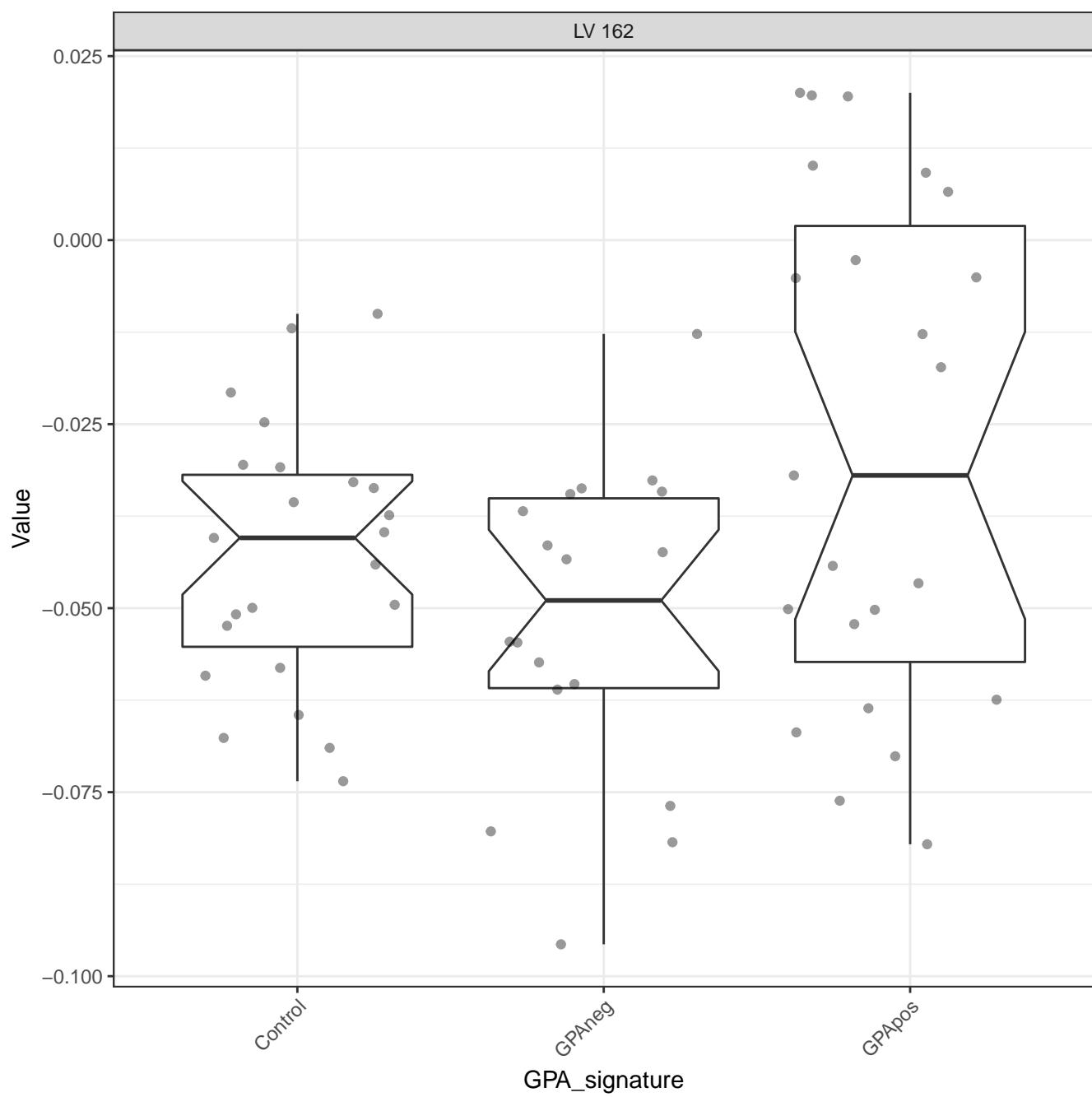


161,REACTOME_TRNA_AMINOACYLATION

Value



LV 162



LV 163

Value

0.10

0.05

0.00

-0.05

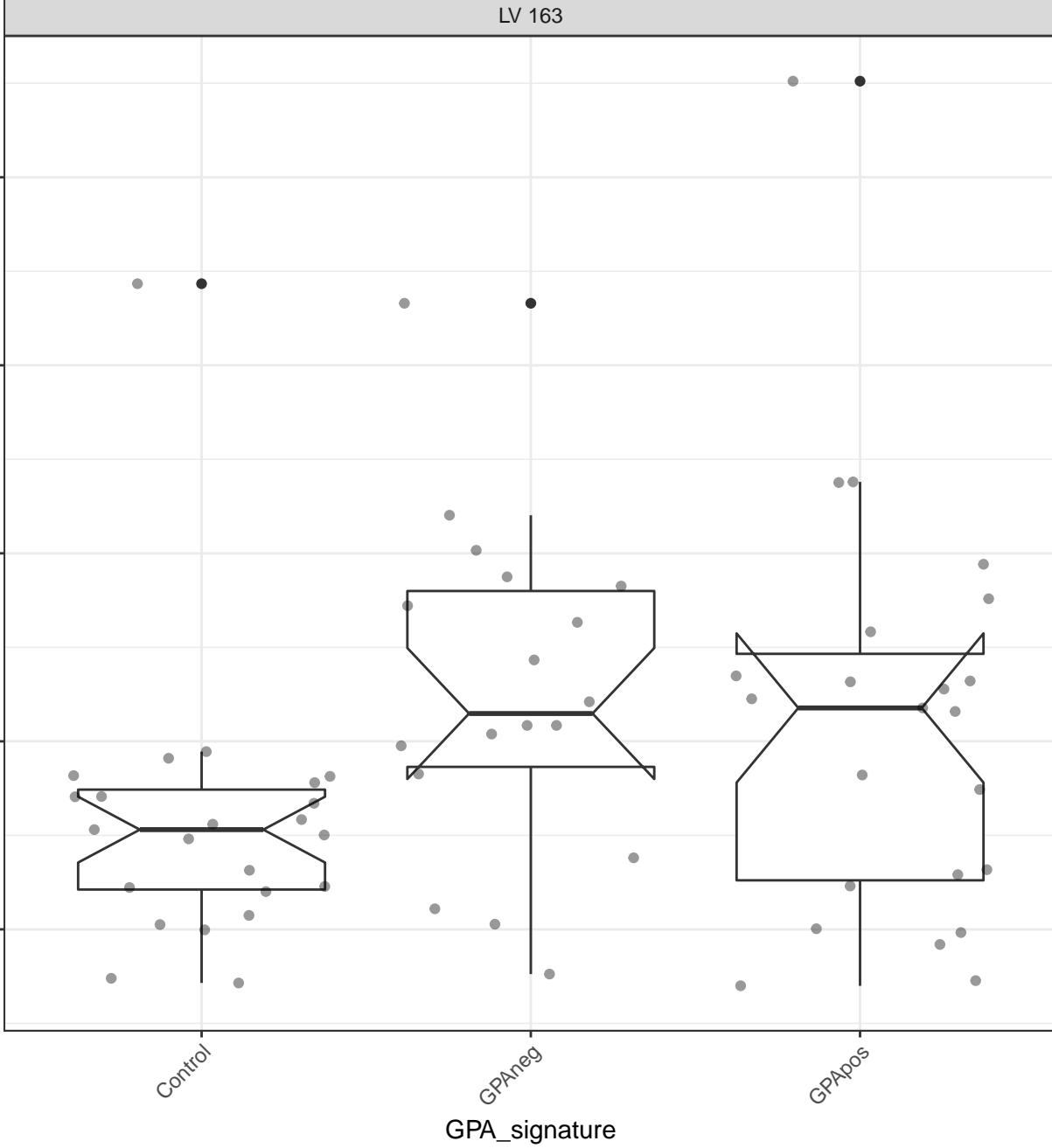
-0.10

Control

GPAneg

GPAPos

GPA_signature



LV 164

Value

0.05

0.01

-0.05

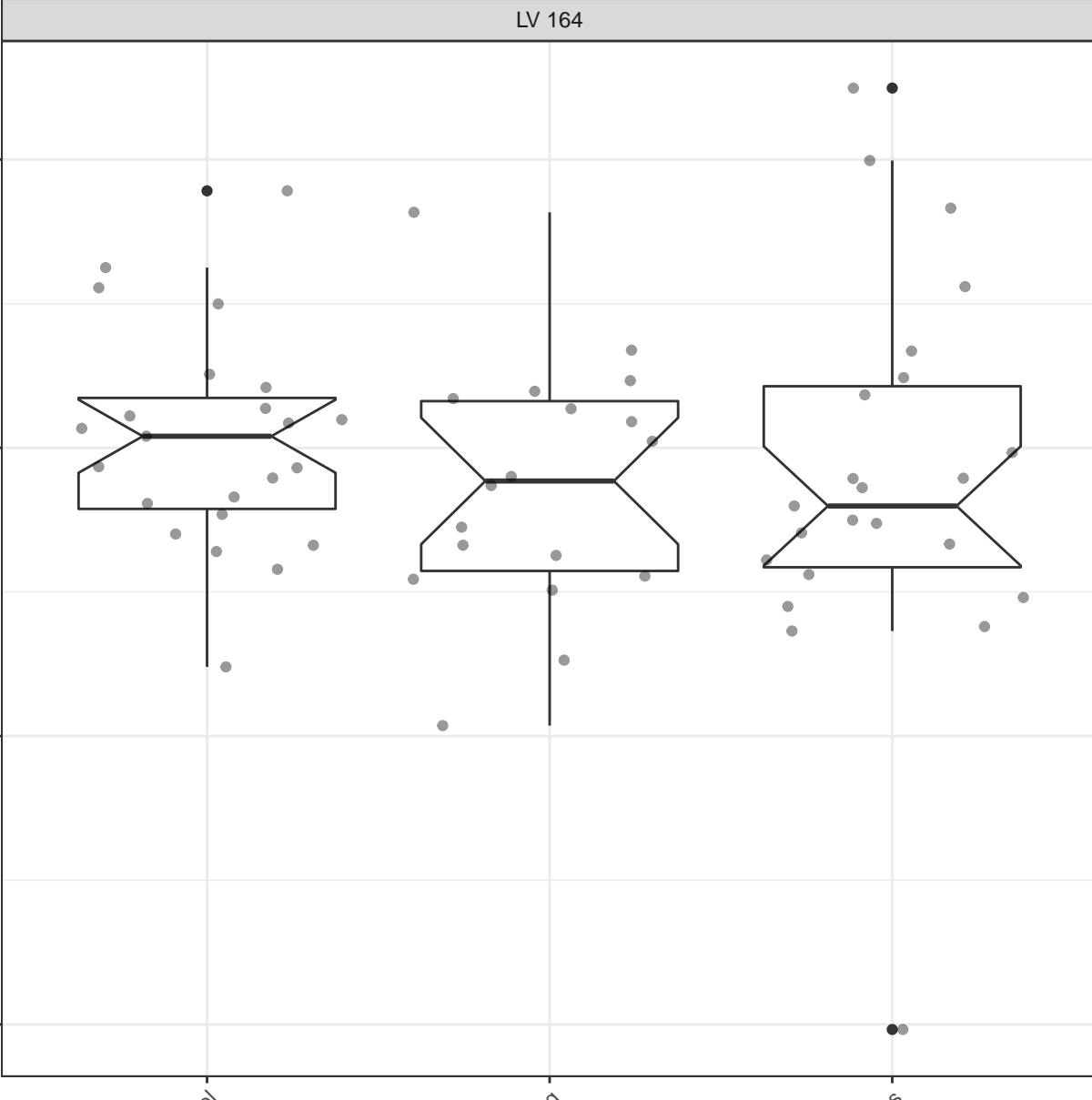
-0.10

Control

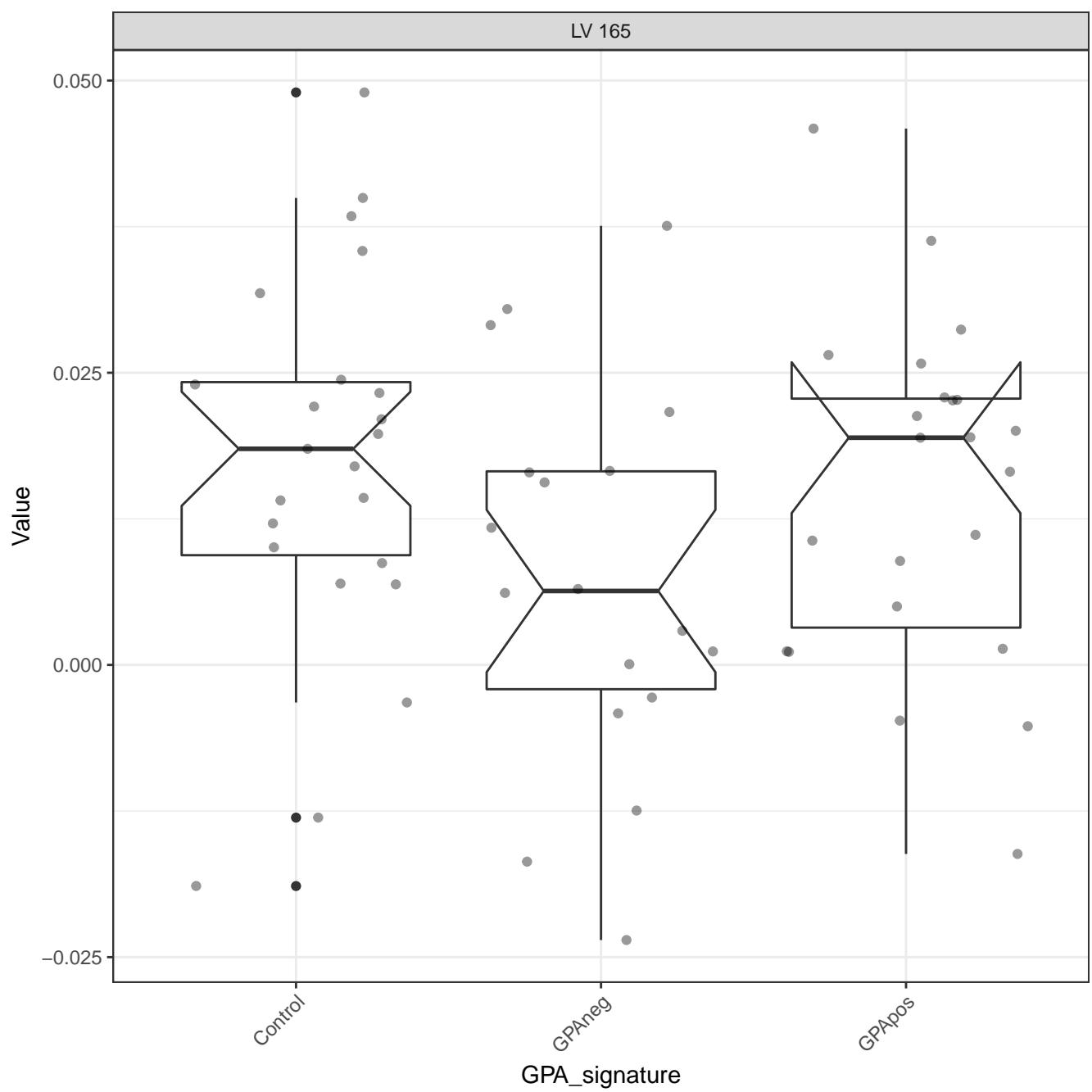
GPAneg

GPApos

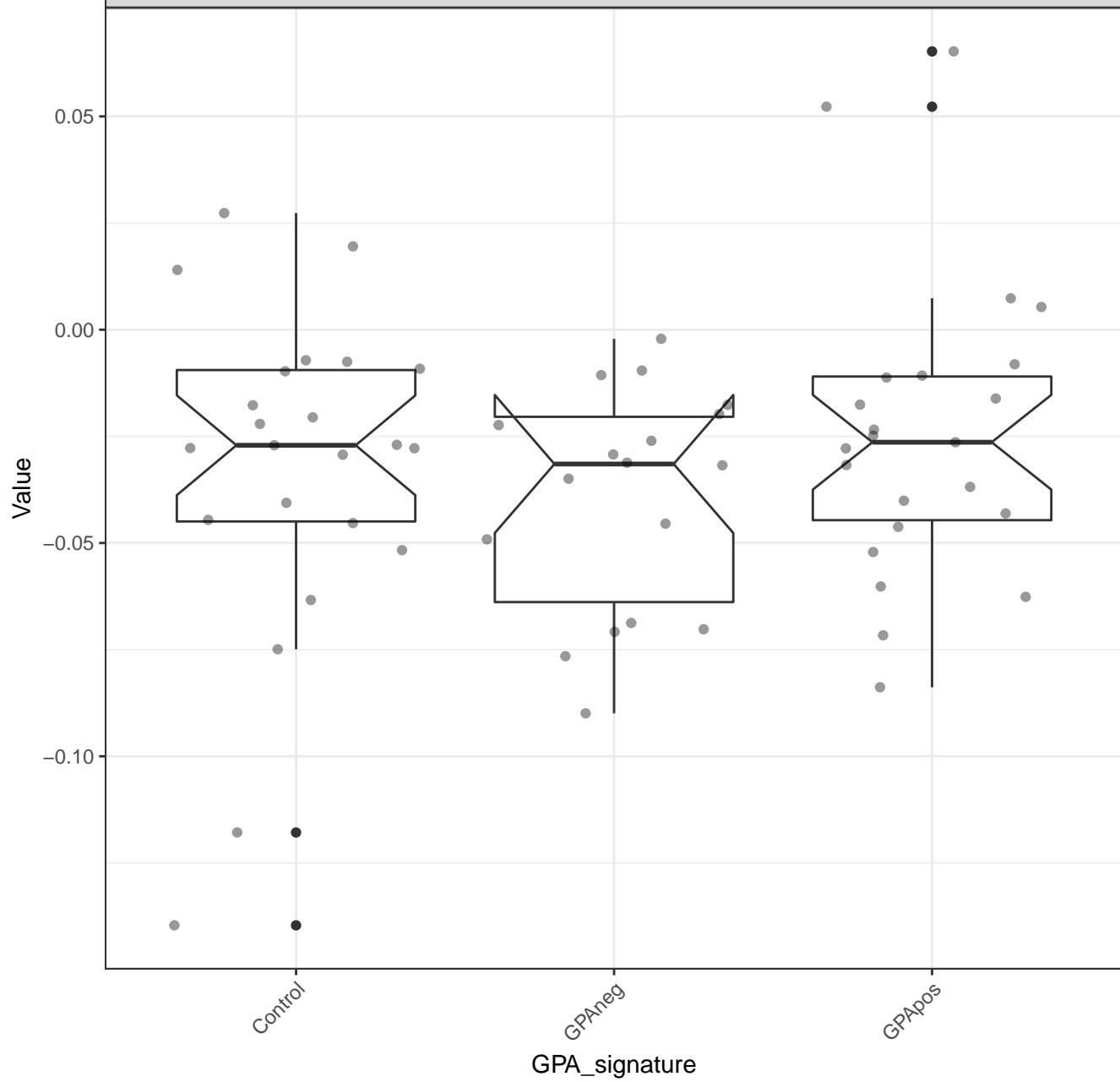
GPA_signature

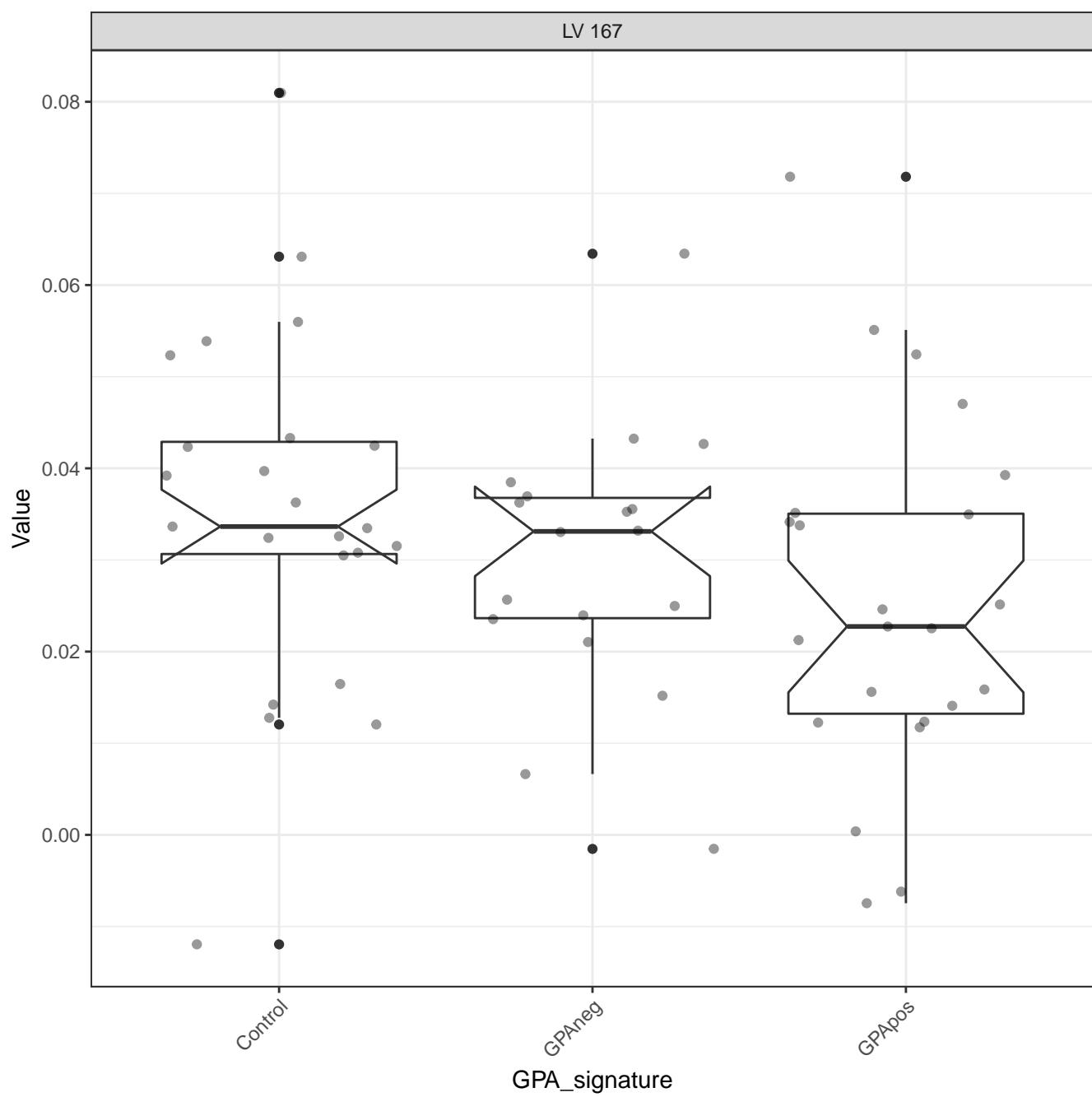


LV 165

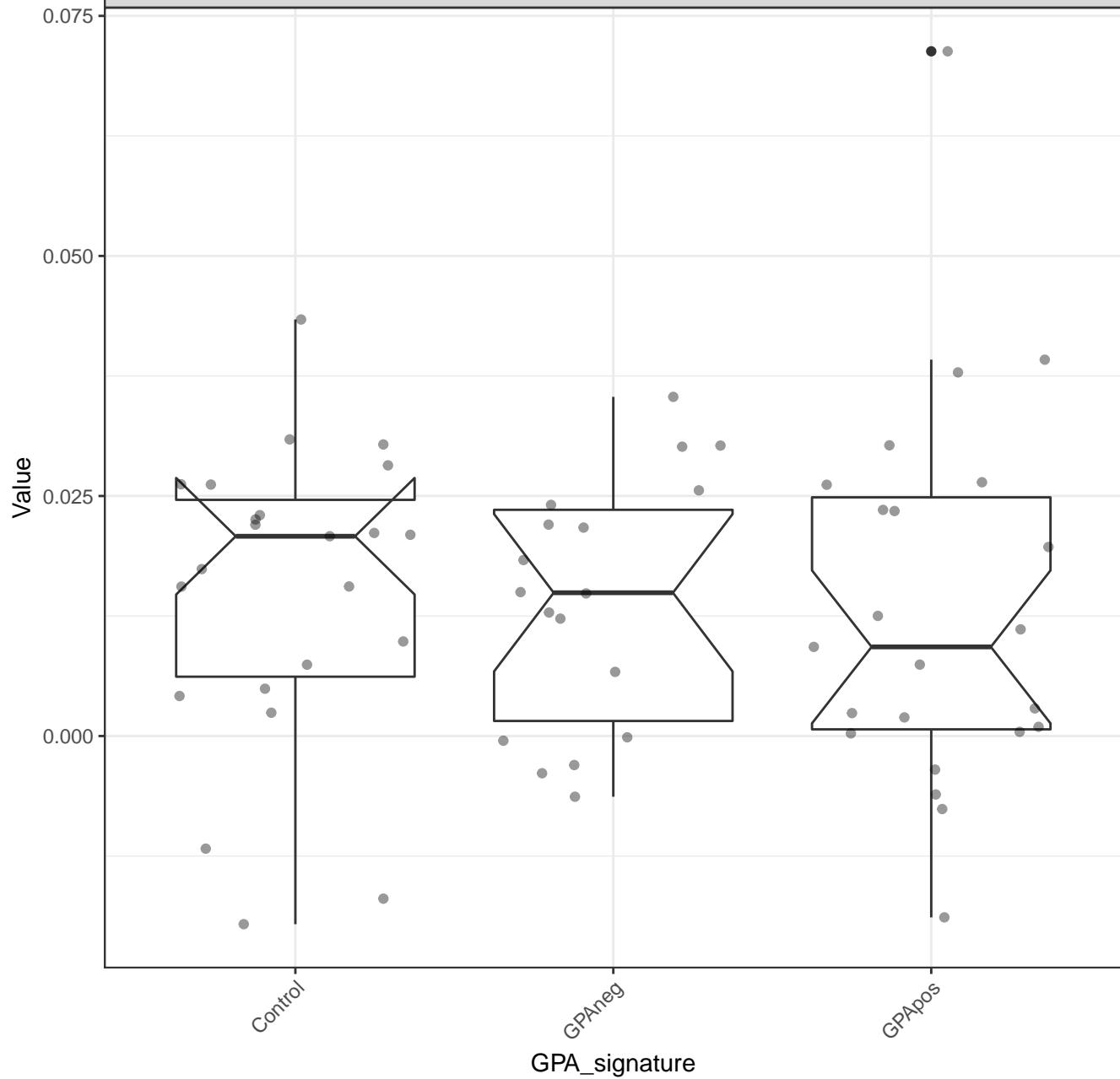


166,REACTOME_TRANSPORT_OF_INORGANIC_CATIONS_ANIONS_AND_AMINO_ACIDS_OLIGOPEPTIDES

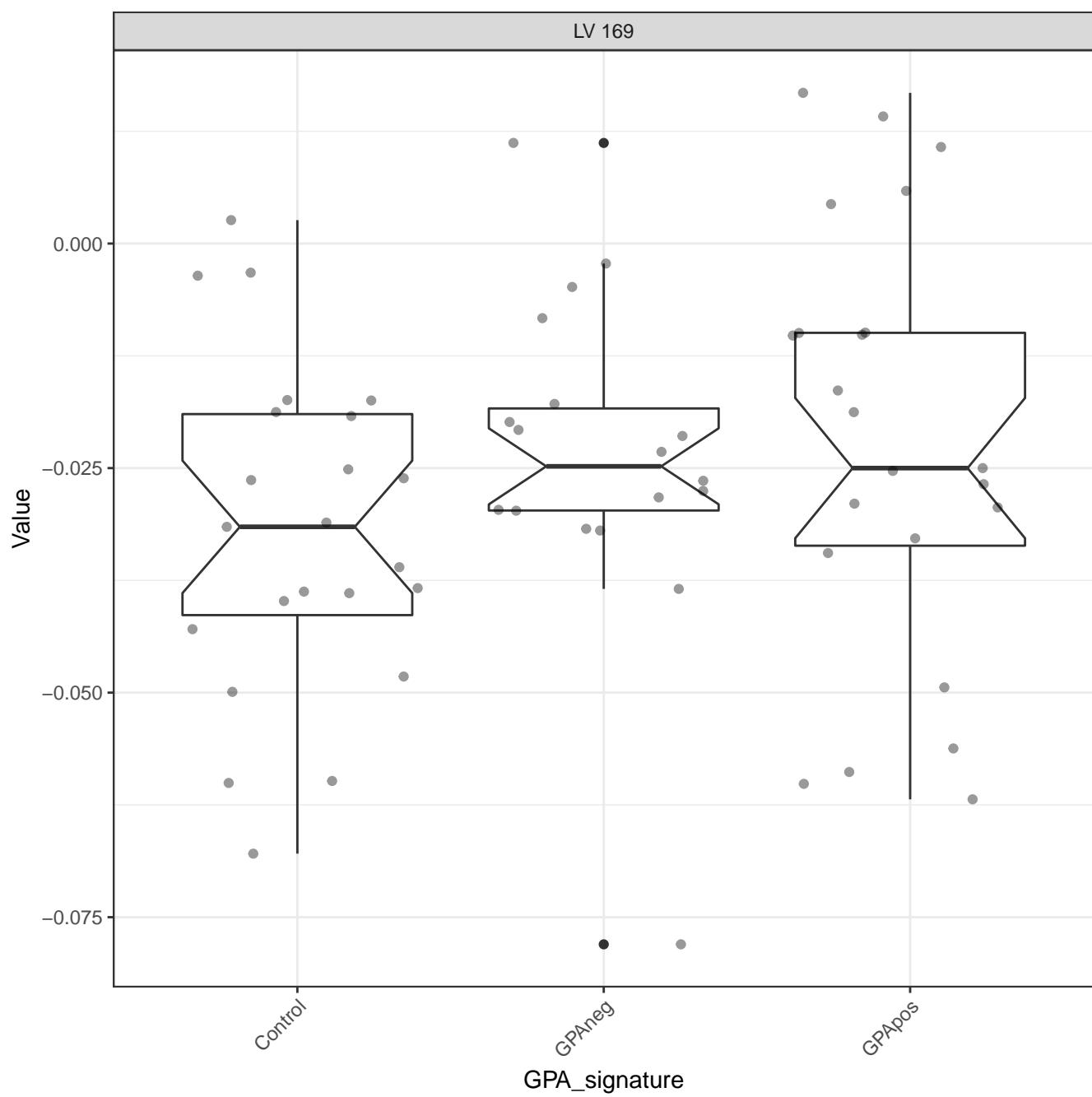




LV 168



LV 169



LV 170

Value

0.04

0.02

0.00

-0.02

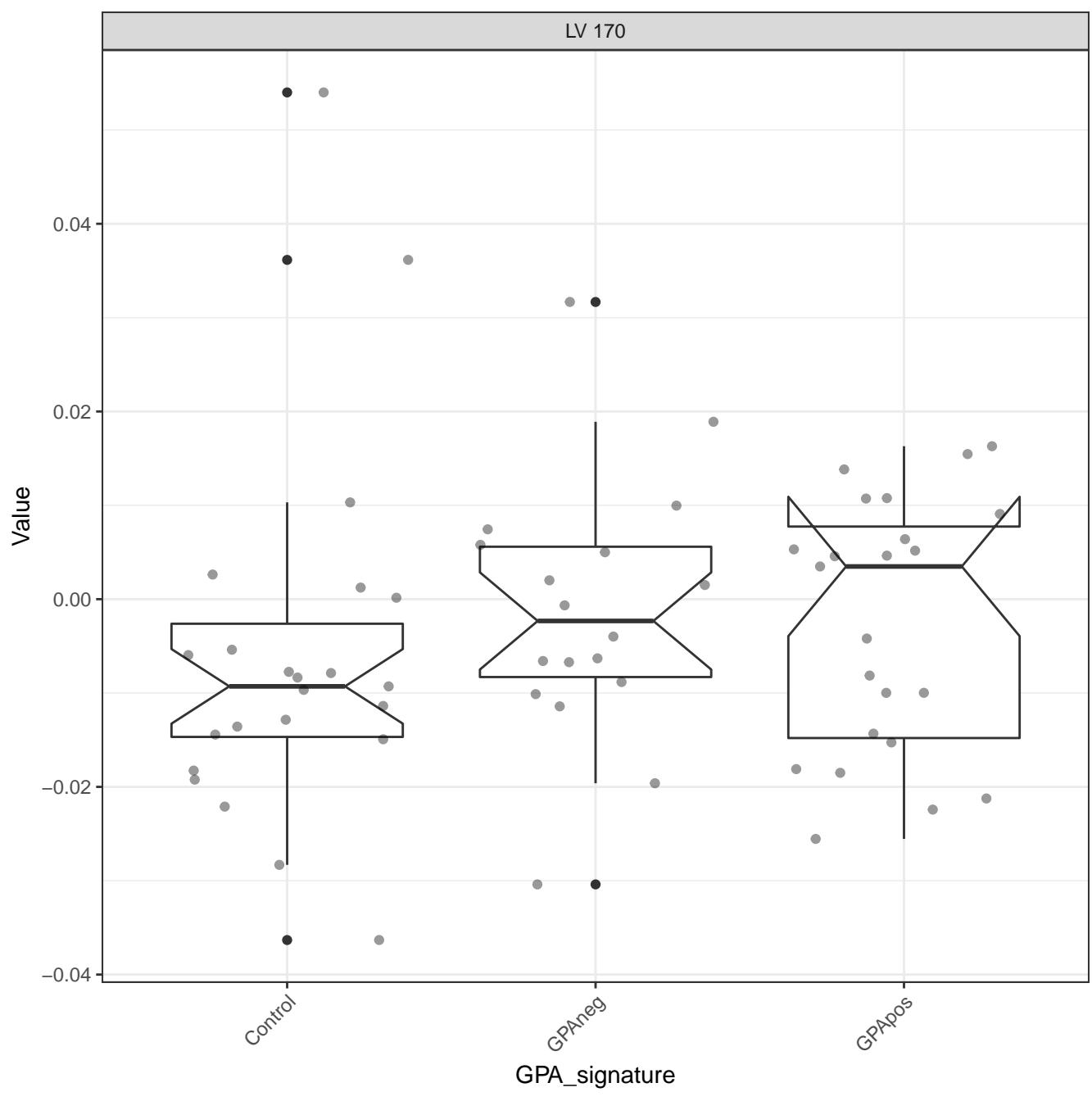
-0.04

Control

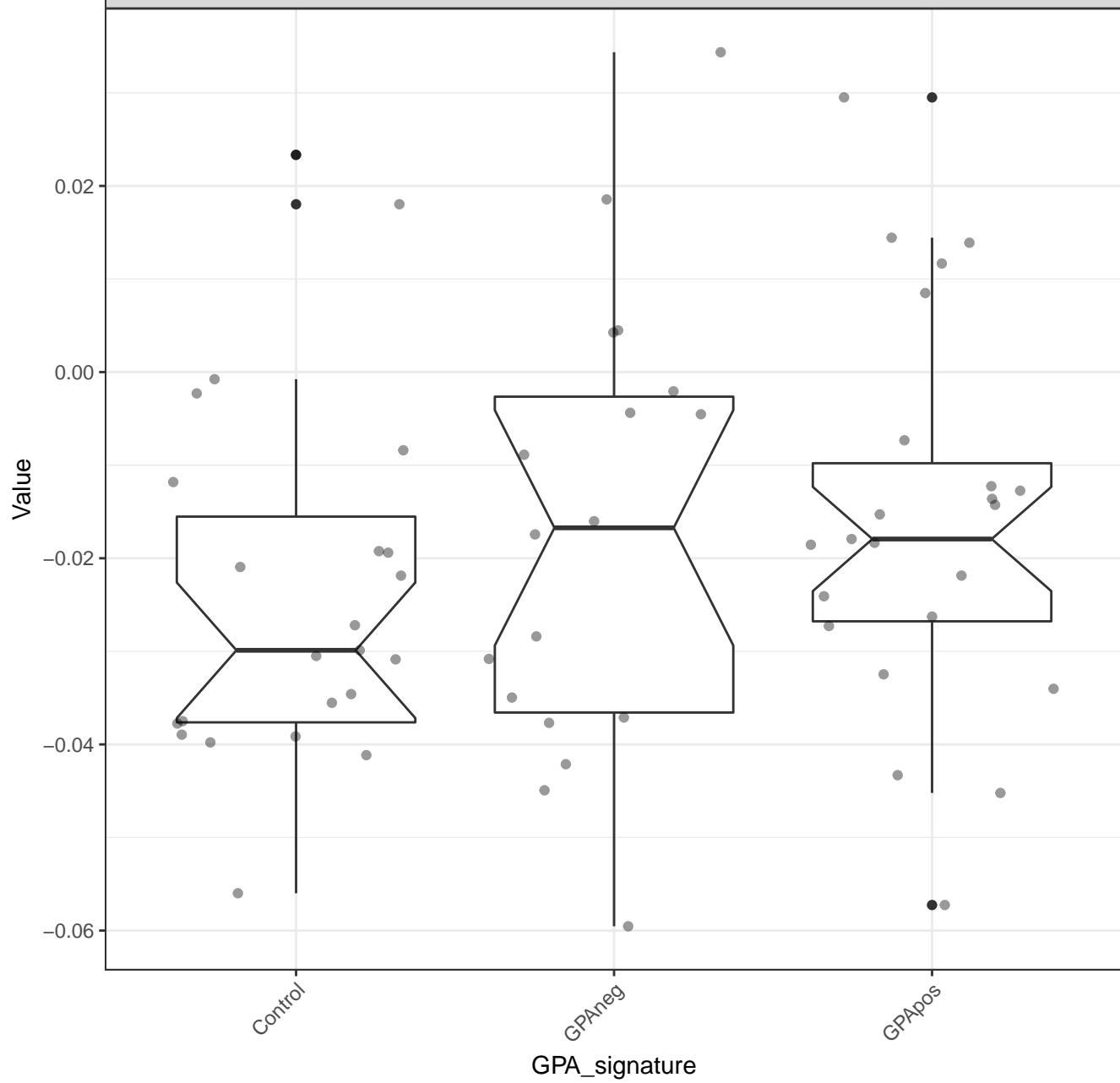
GPAneg

GPApos

GPA_signature



171,KEGG_FATTY_ACID_METABOLISM



172,DMAP_ERY4

Value

0.3

0.2

0.1

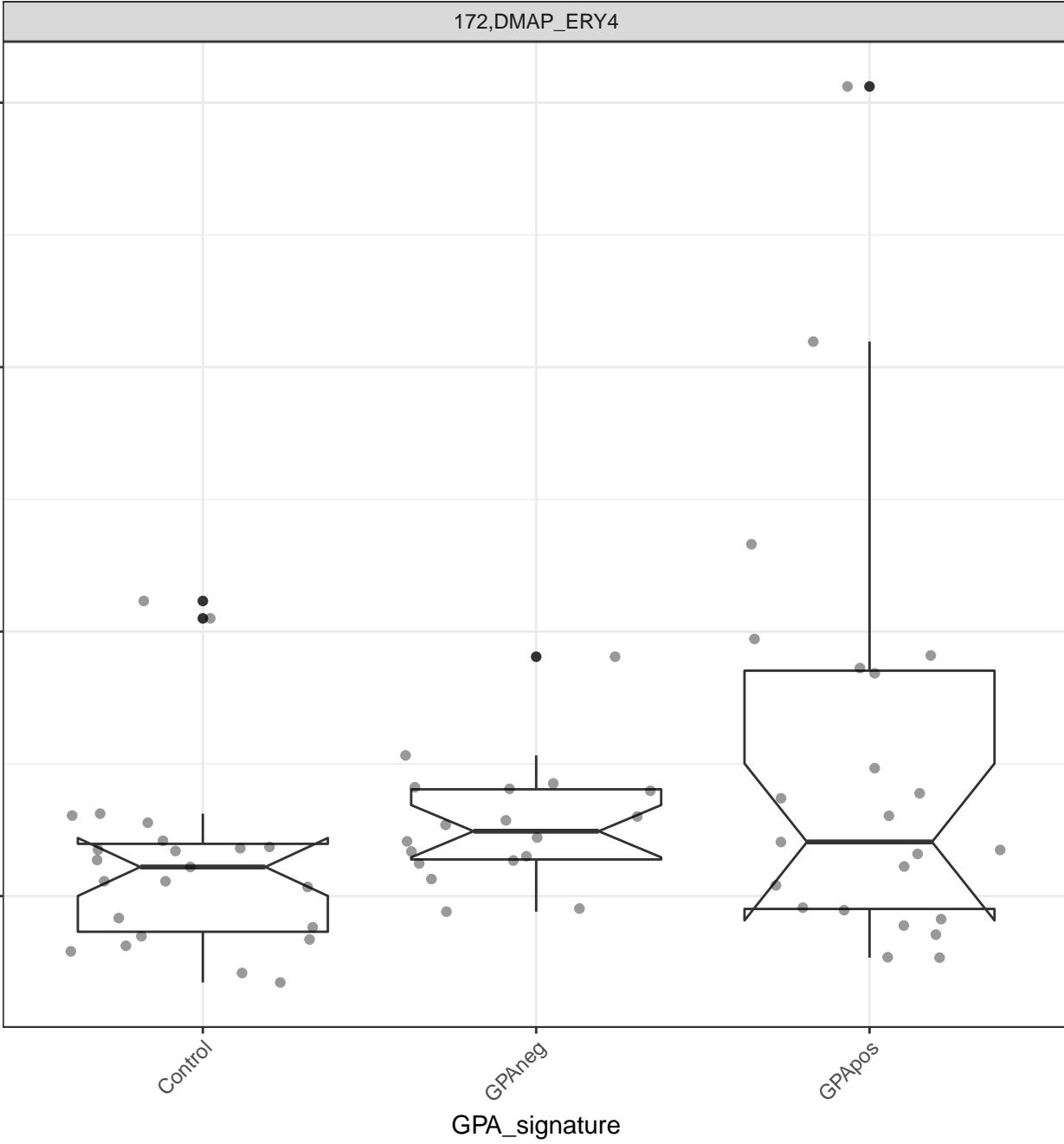
0.0

Control

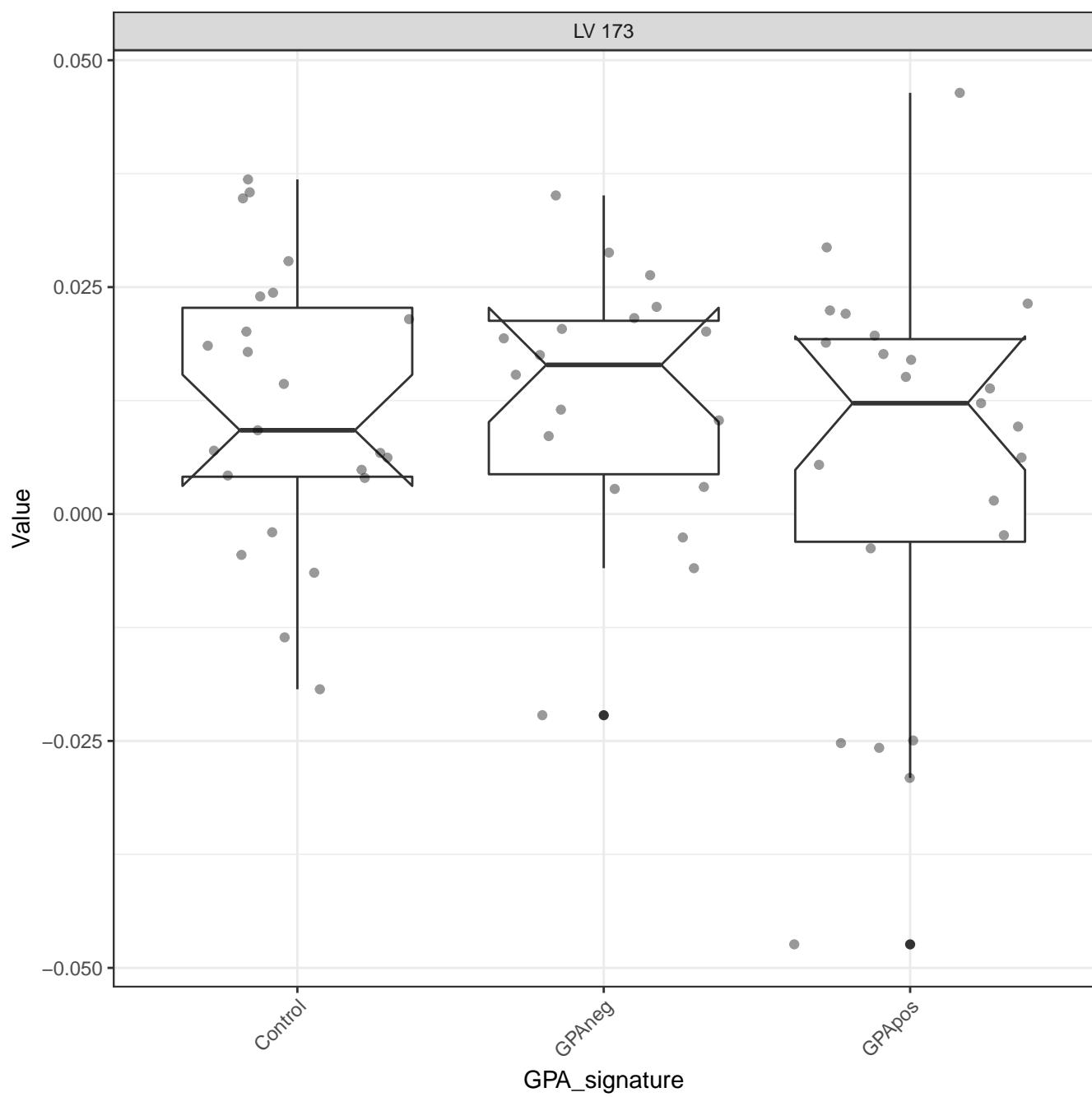
GPAneg

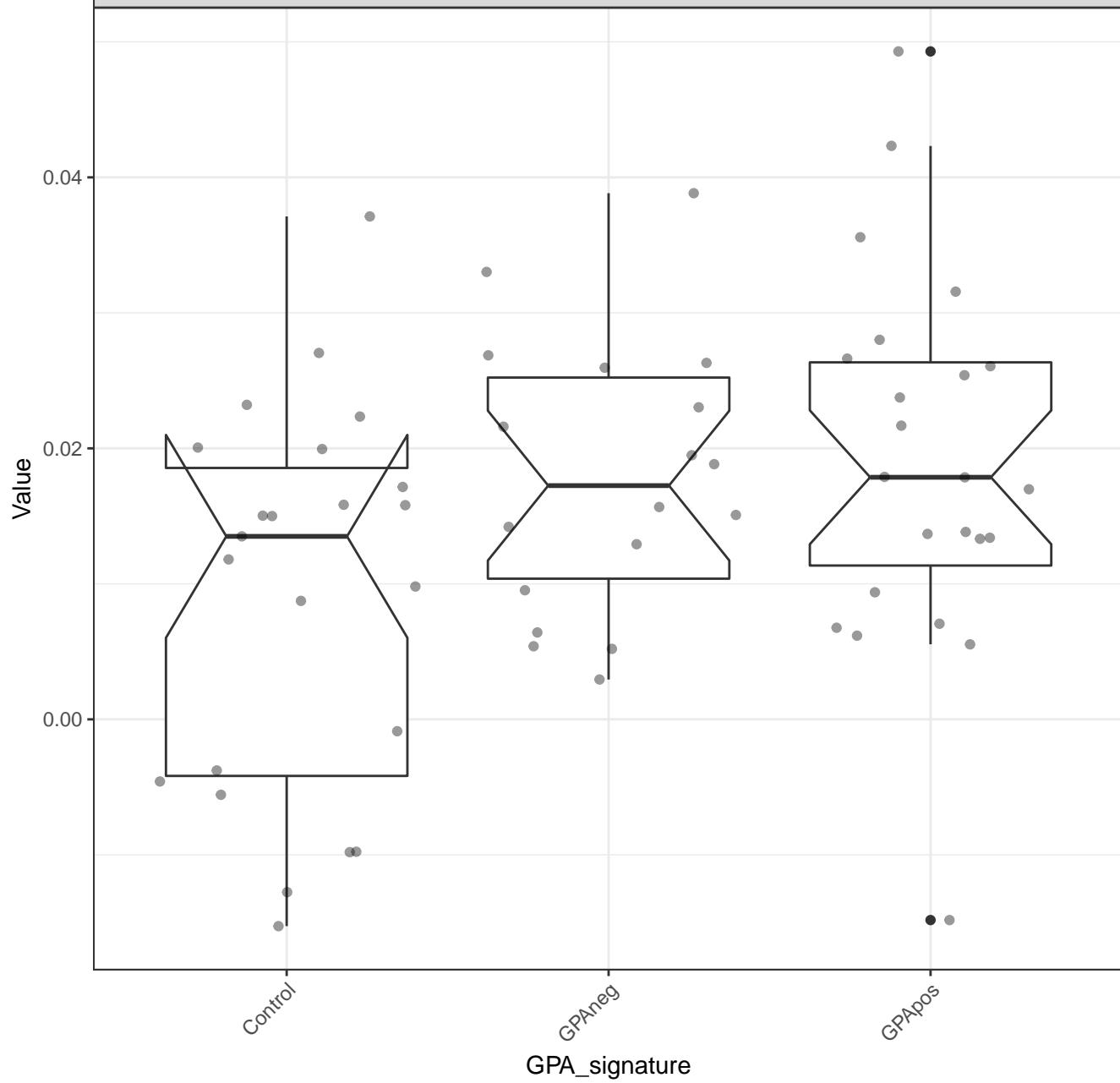
GPAPos

GPA_signature

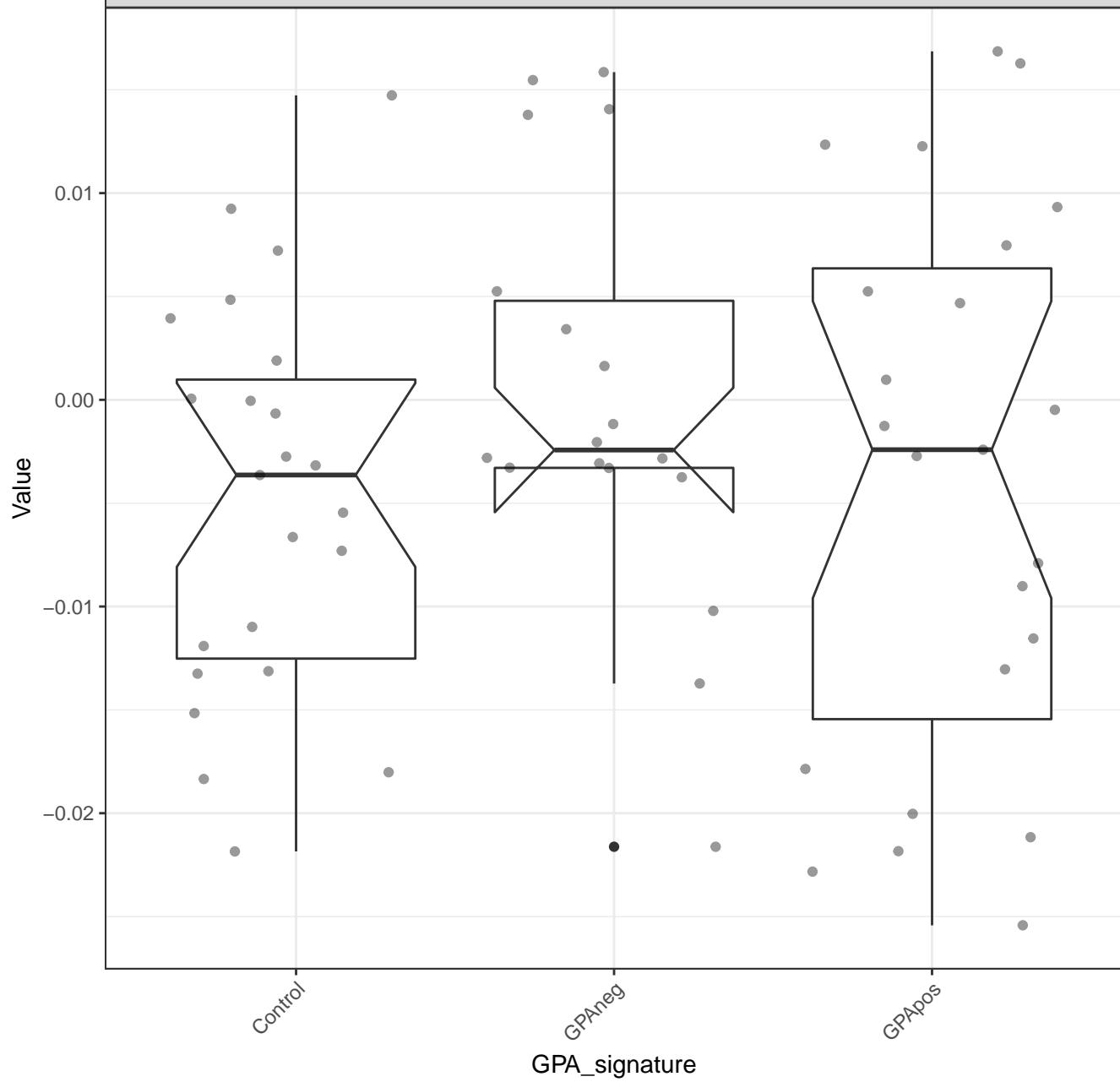


LV 173





LV 175



176,KEGG_FRUCTOSE_AND_MANNOSE_METABOLISM

Value

0.05

0.00

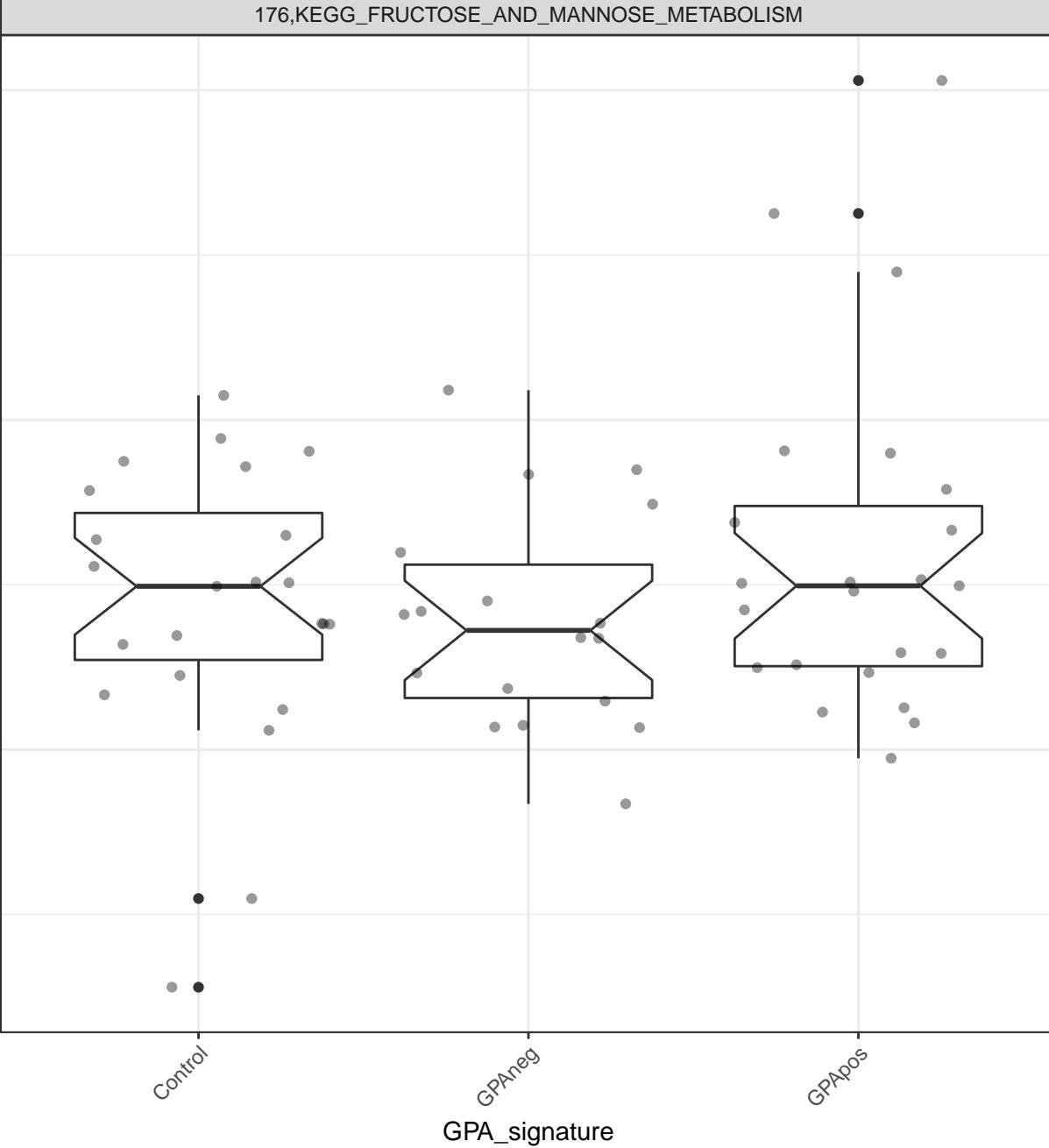
-0.05

Control

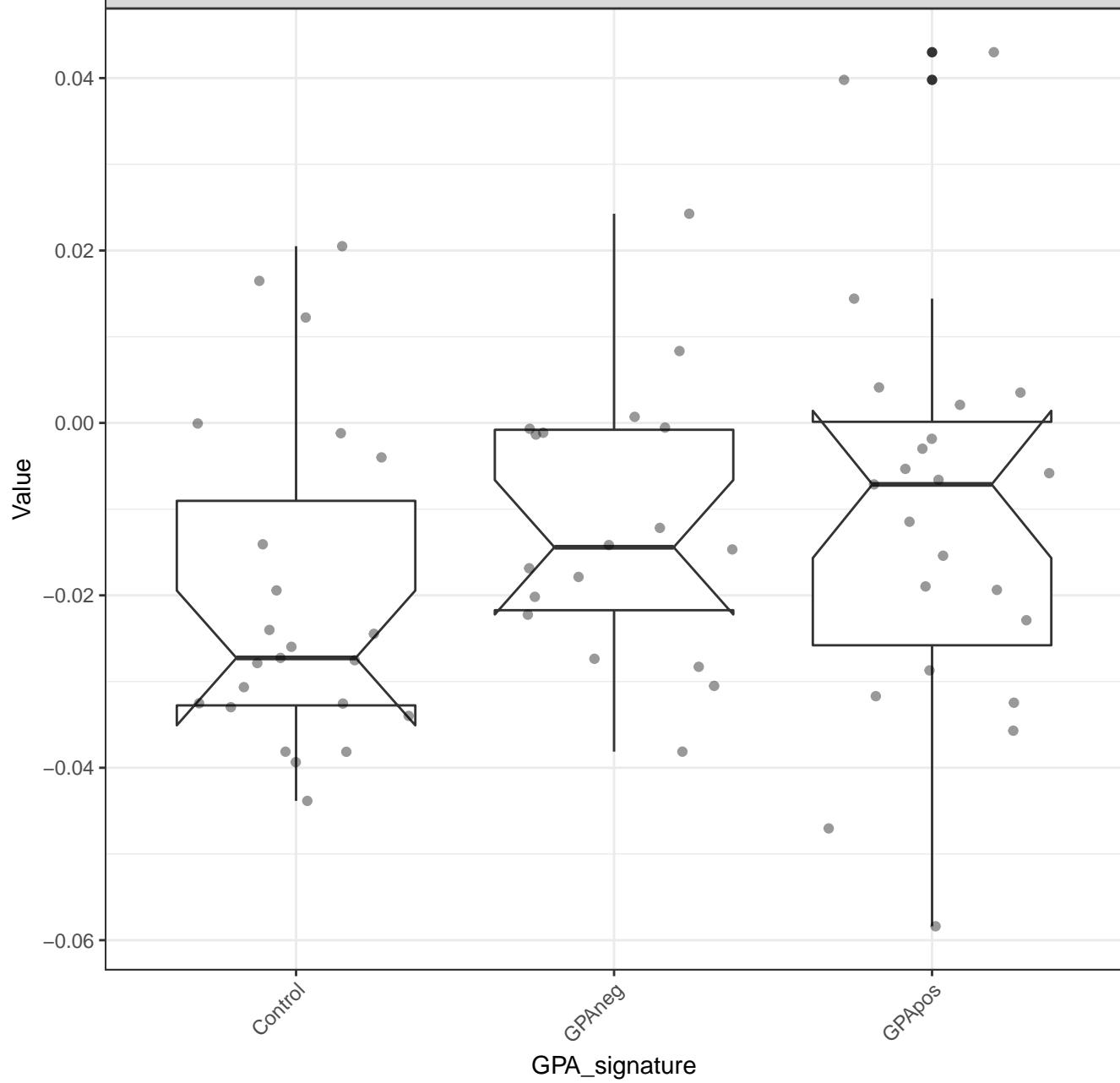
GPA_{neg}

GPA_{pos}

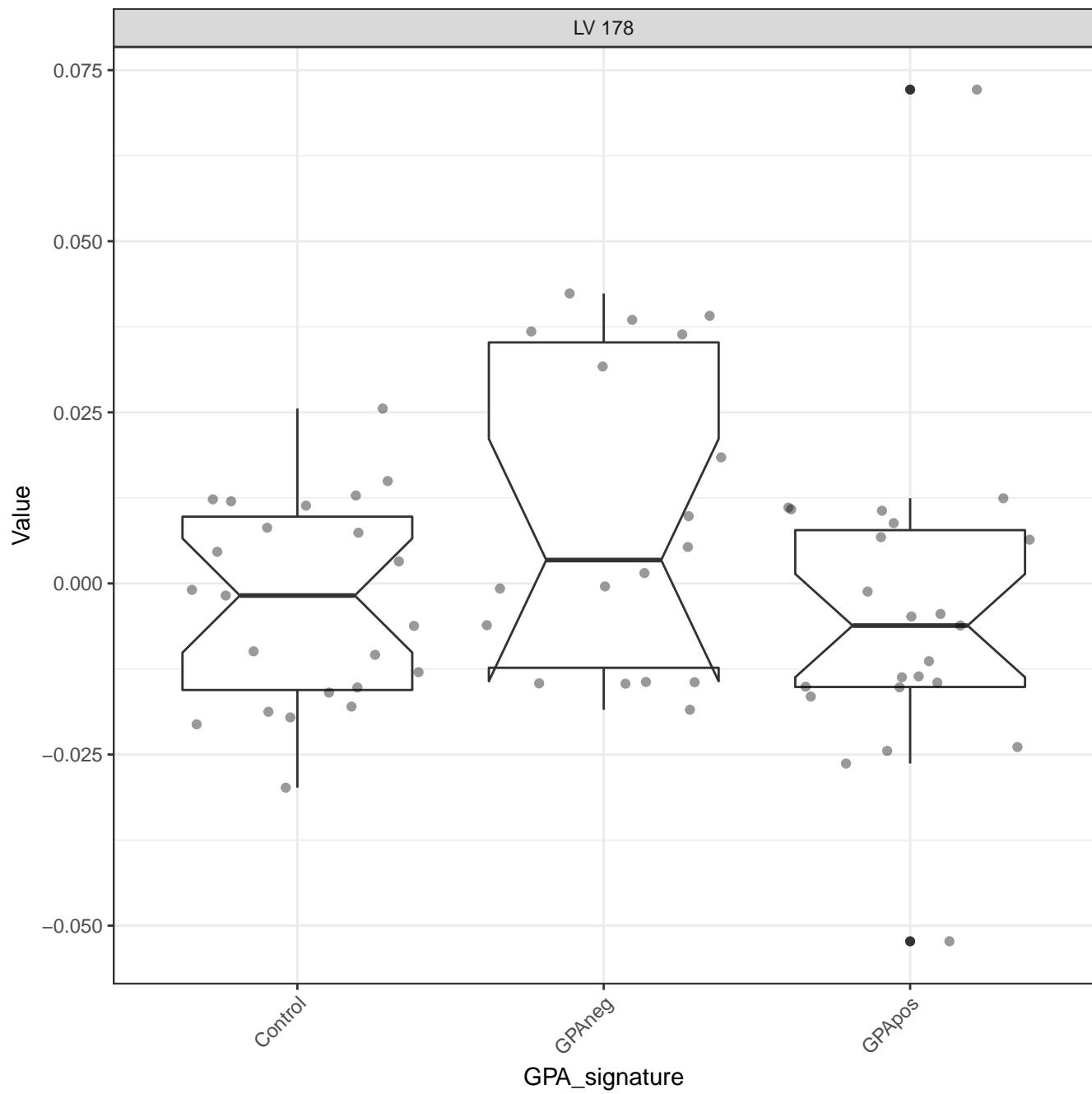
GPA_signature



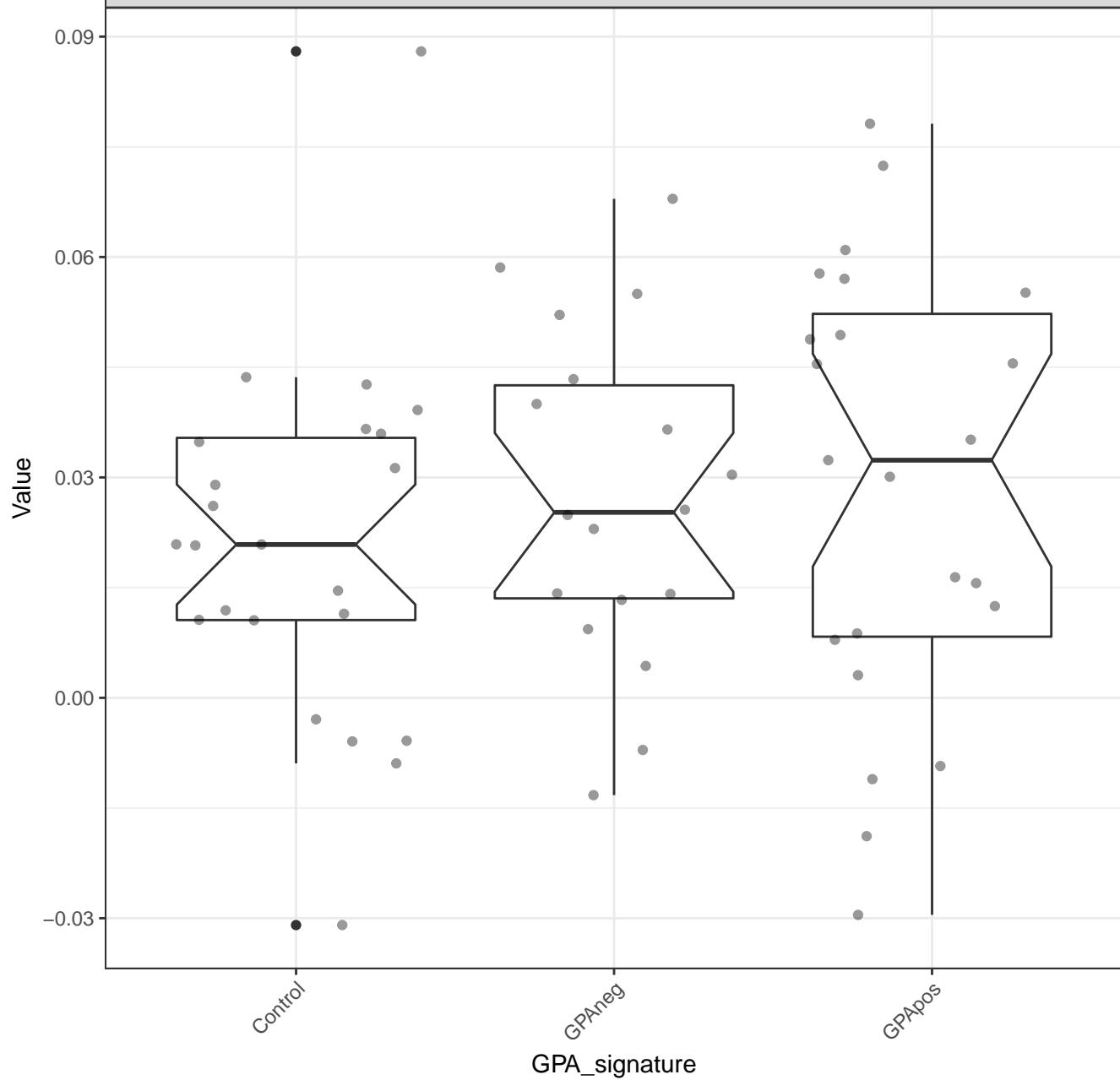
177,SIG_CHEMOTAXIS

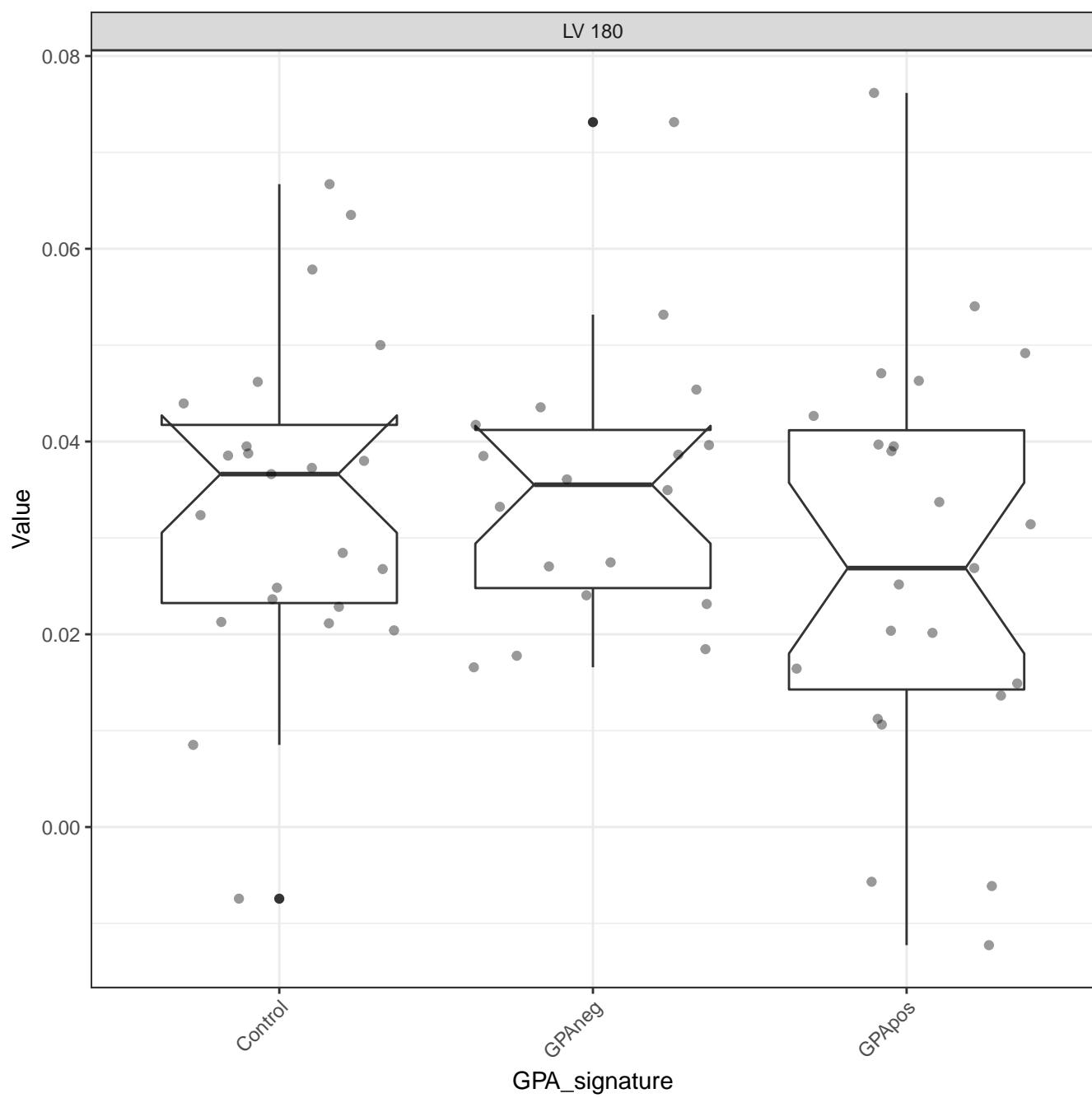


LV 178

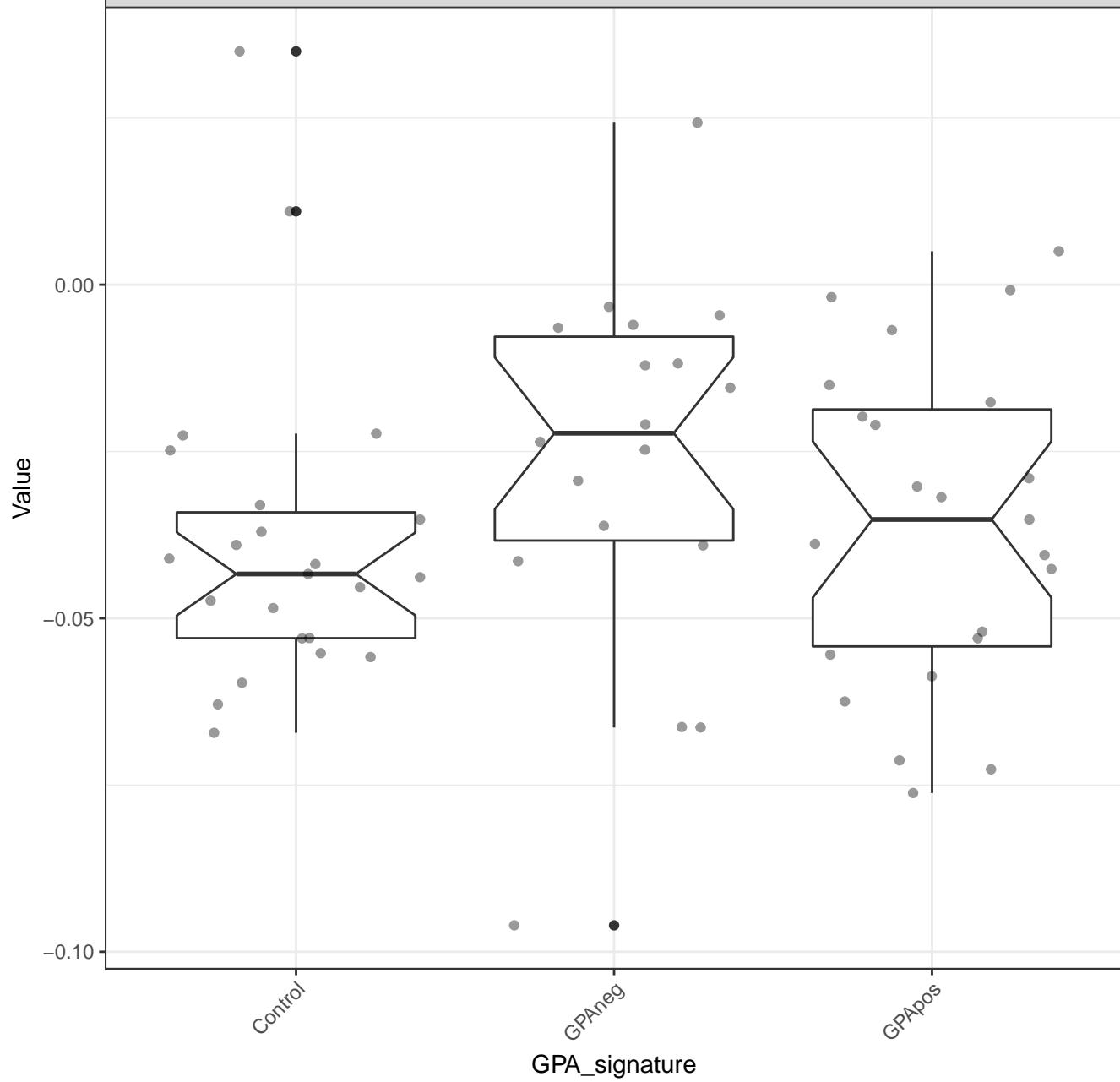


LV 179

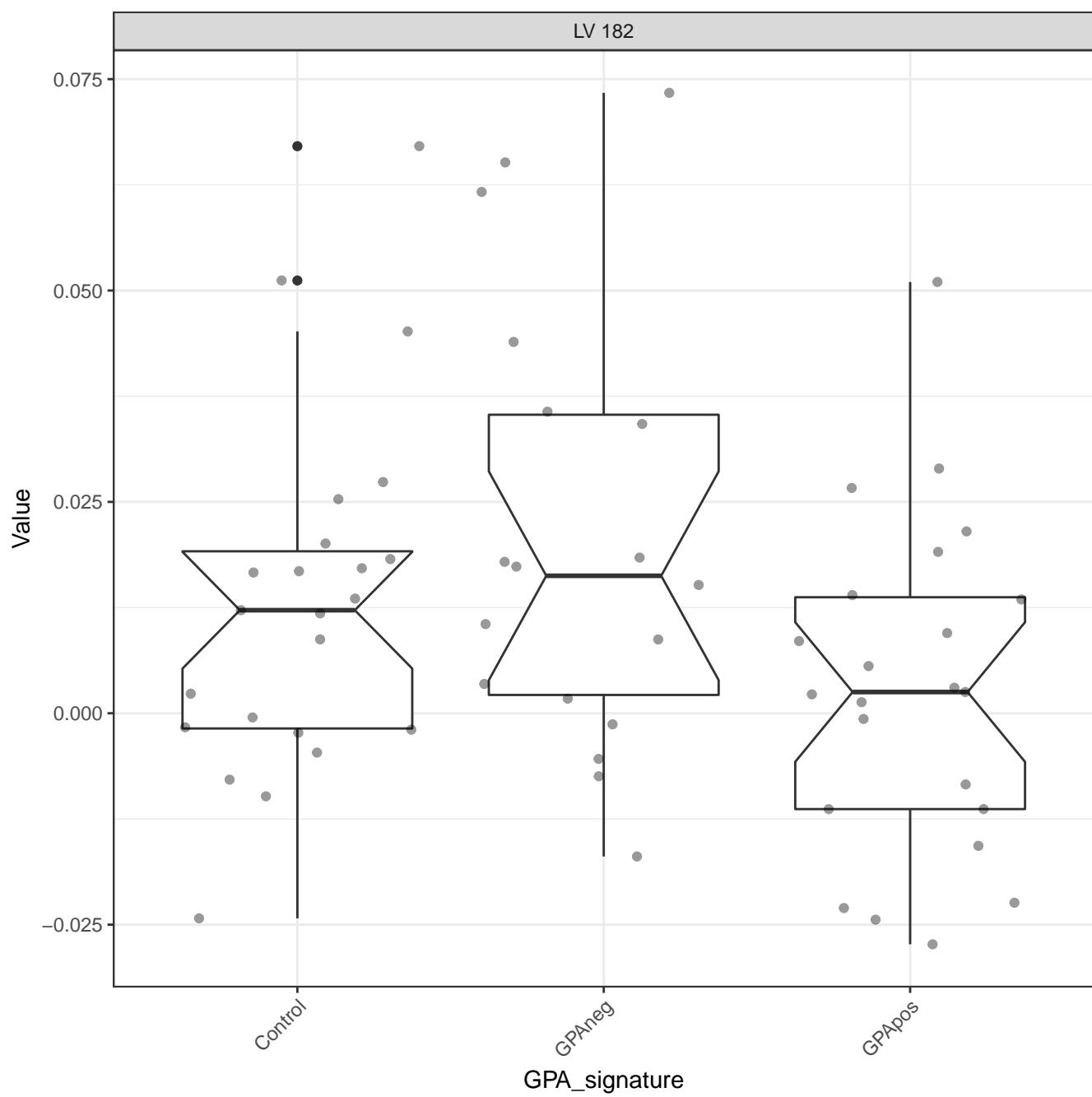




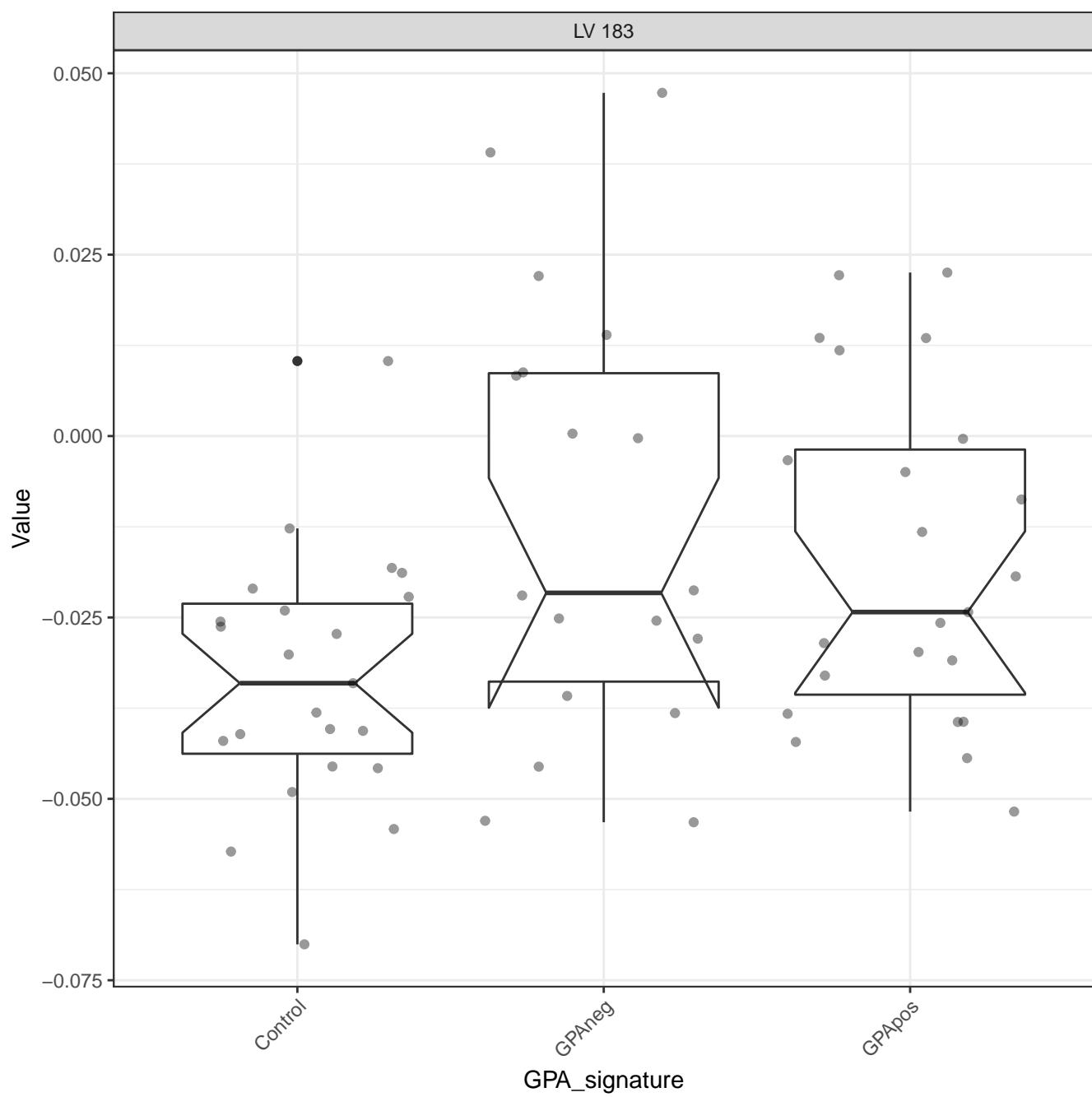
LV 181



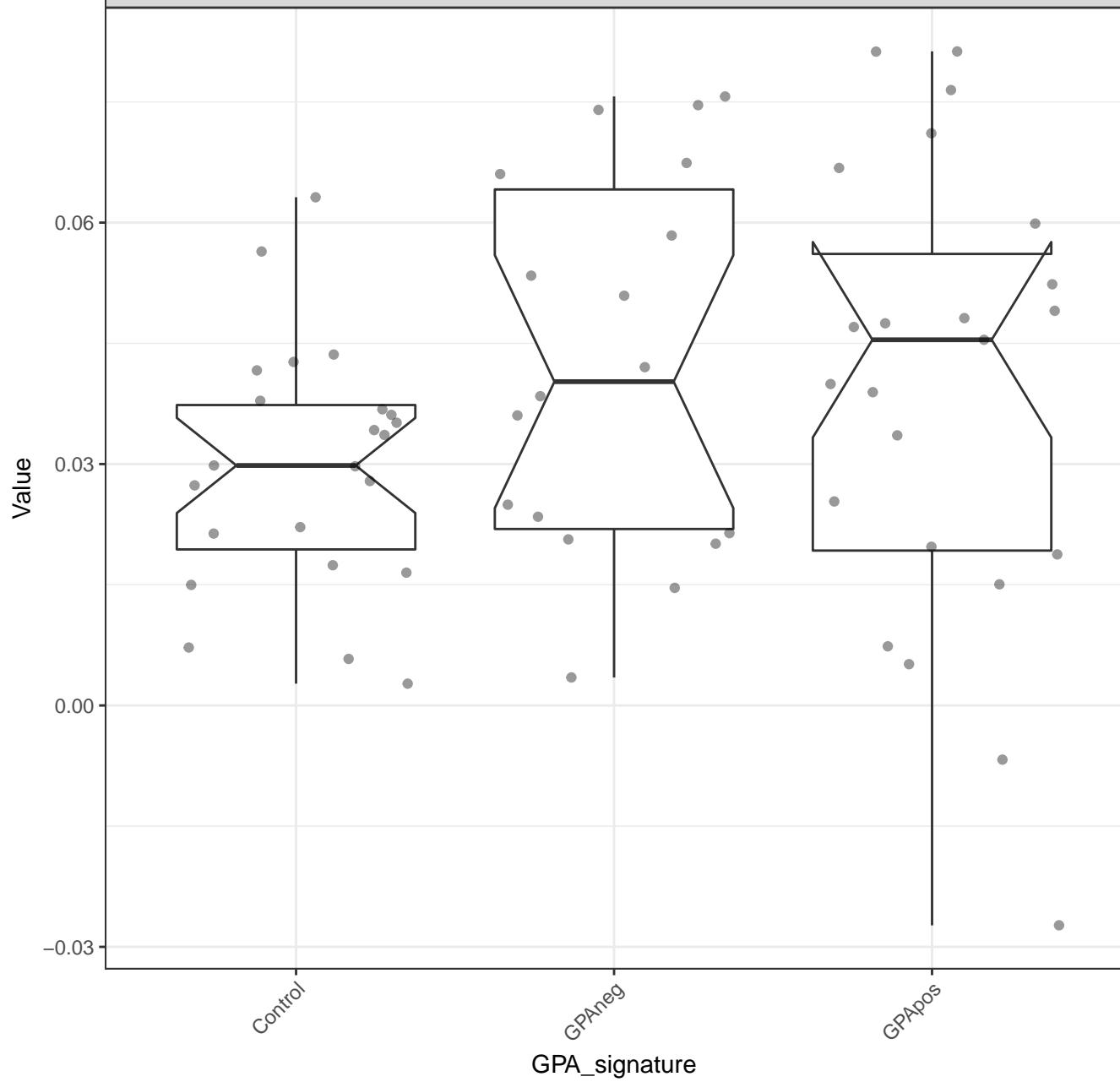
LV 182



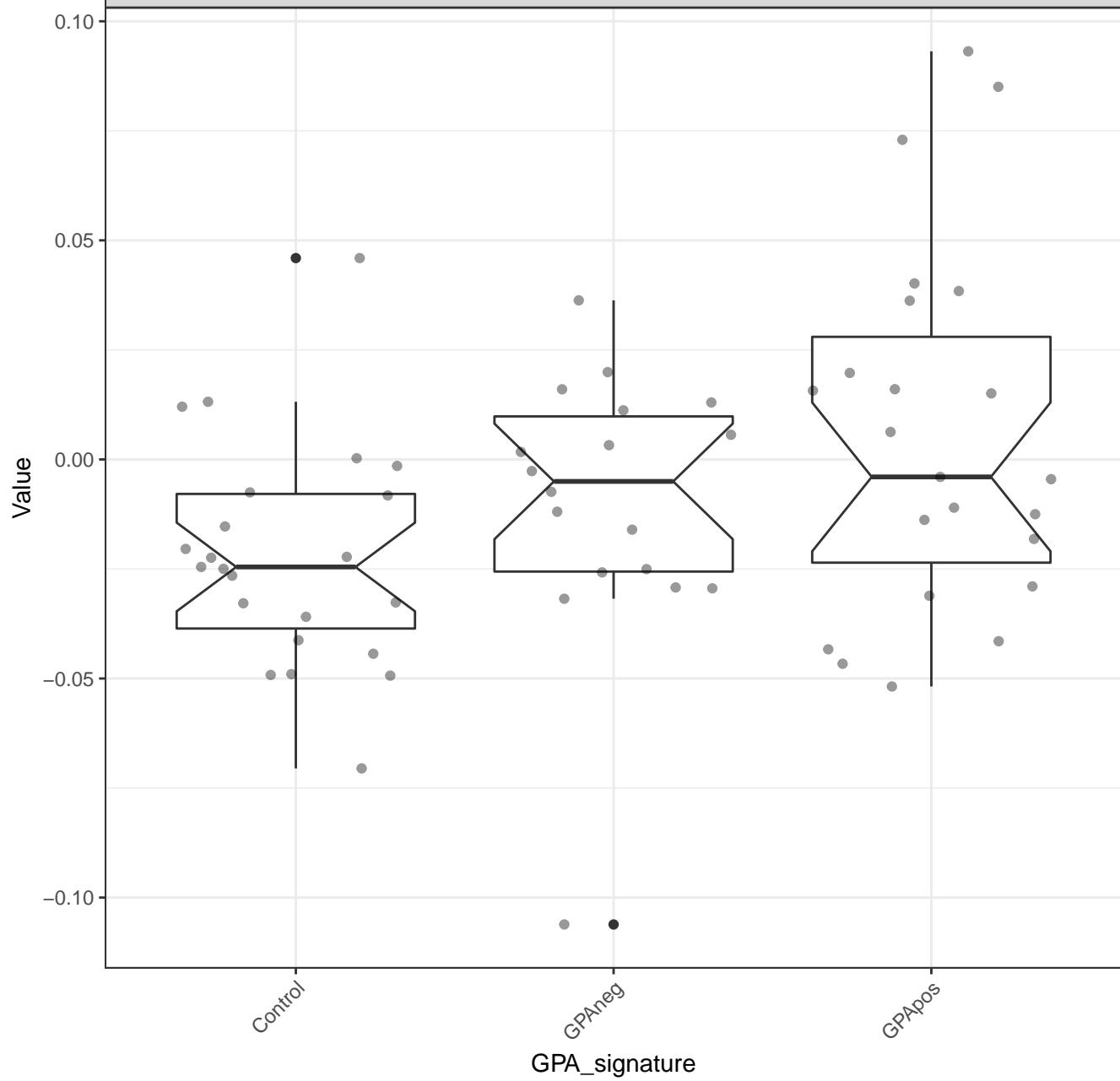
LV 183

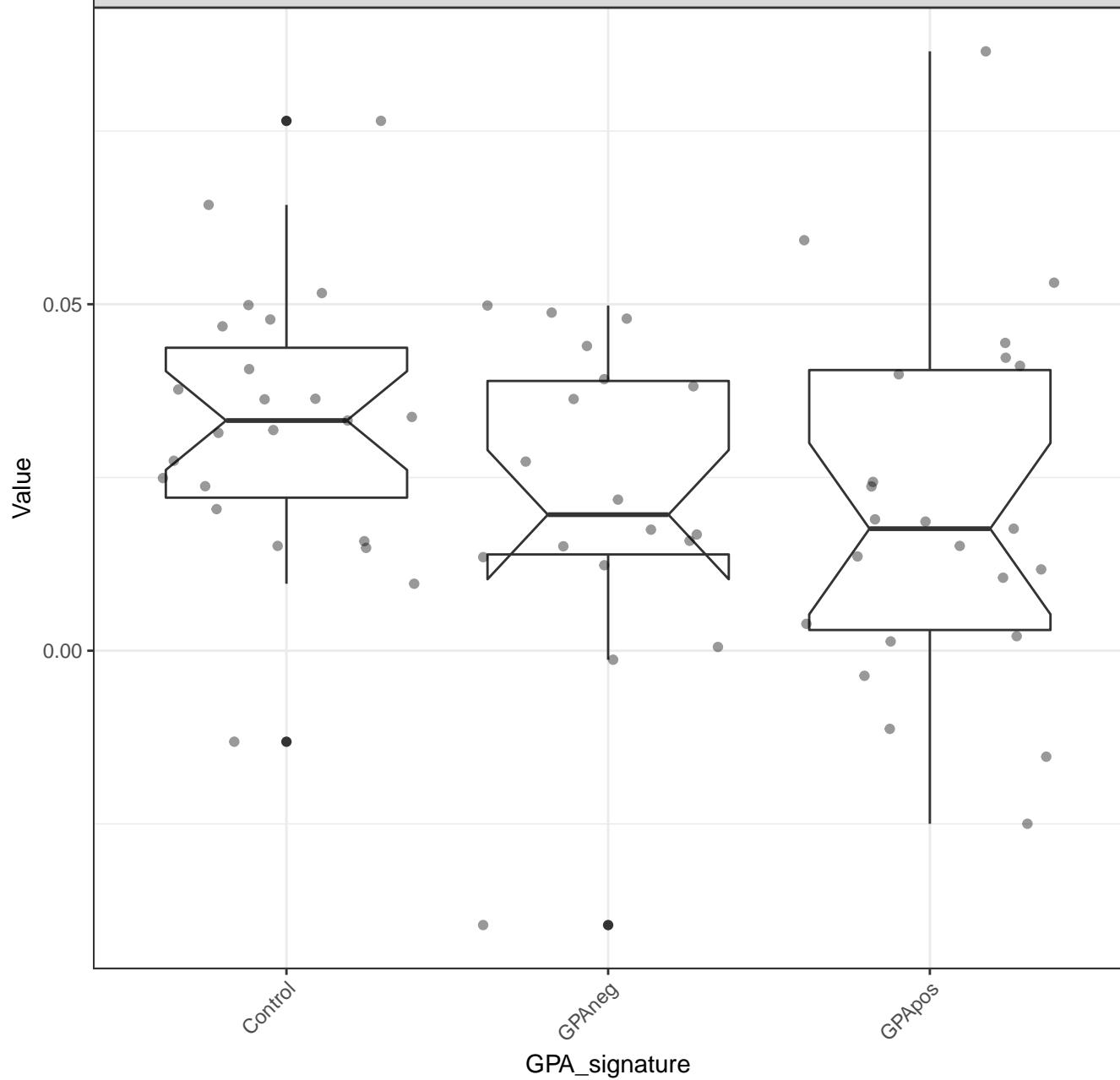


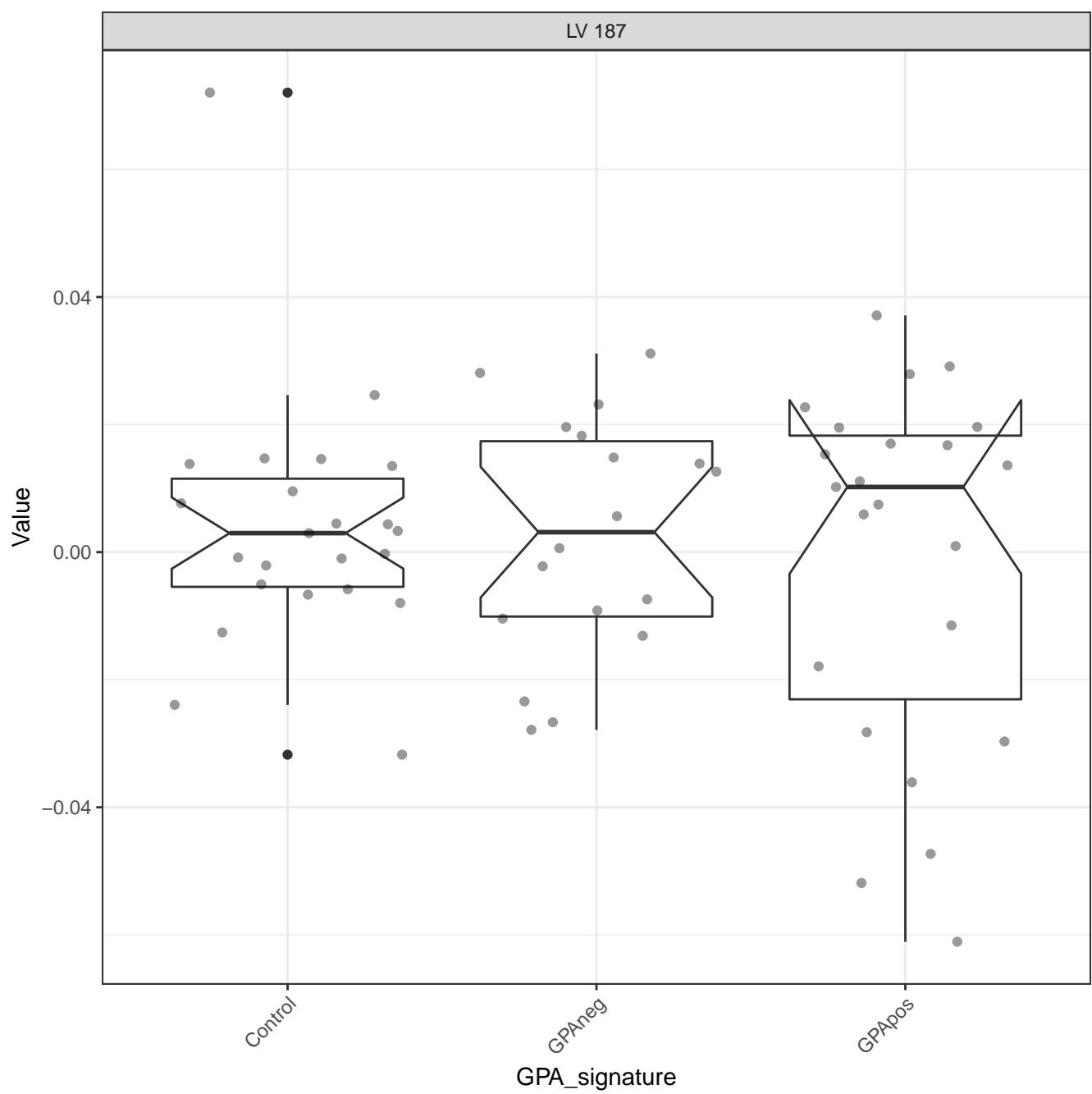
LV 184



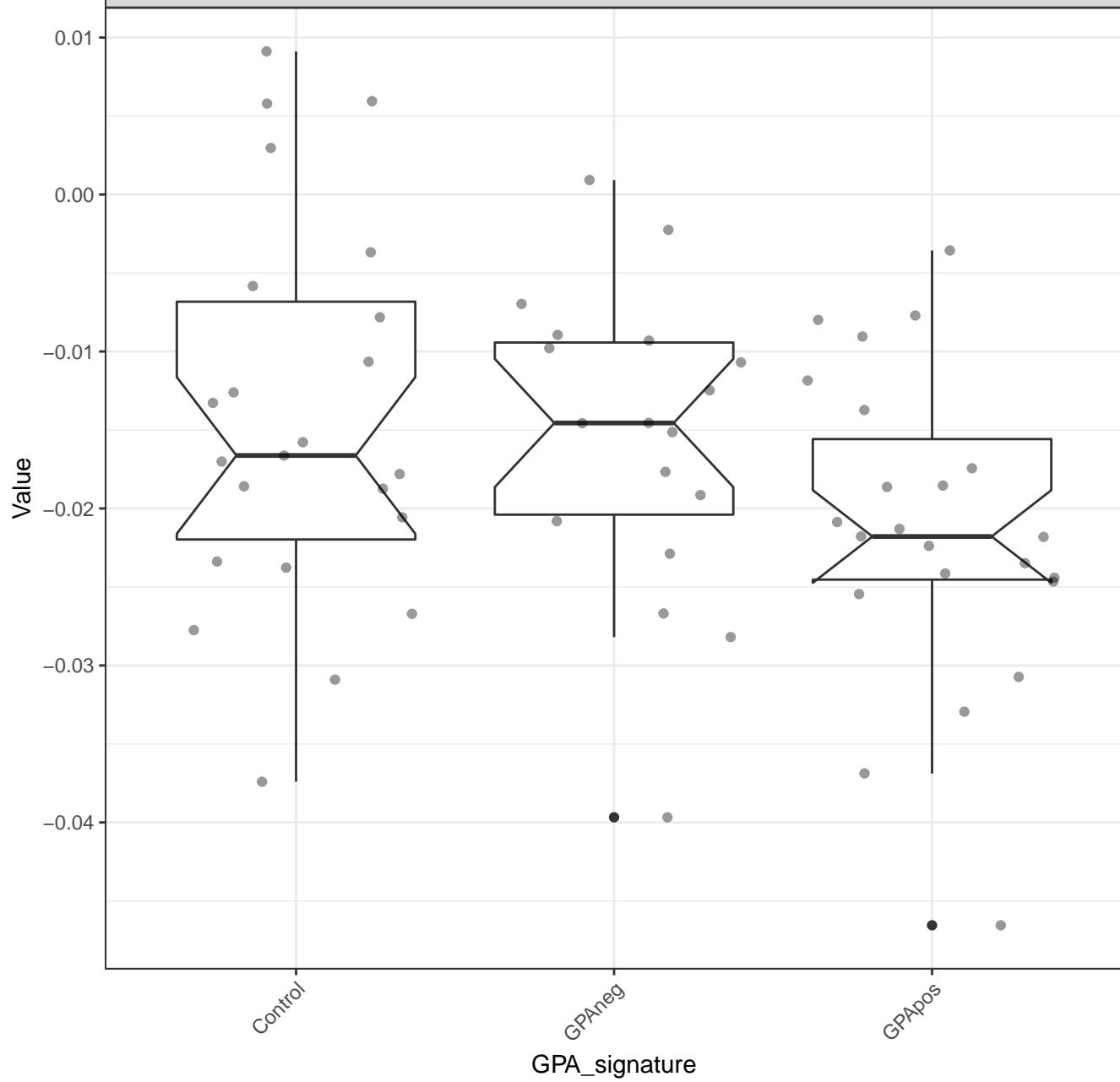
LV 185







LV 188



Value

0.05

0.00

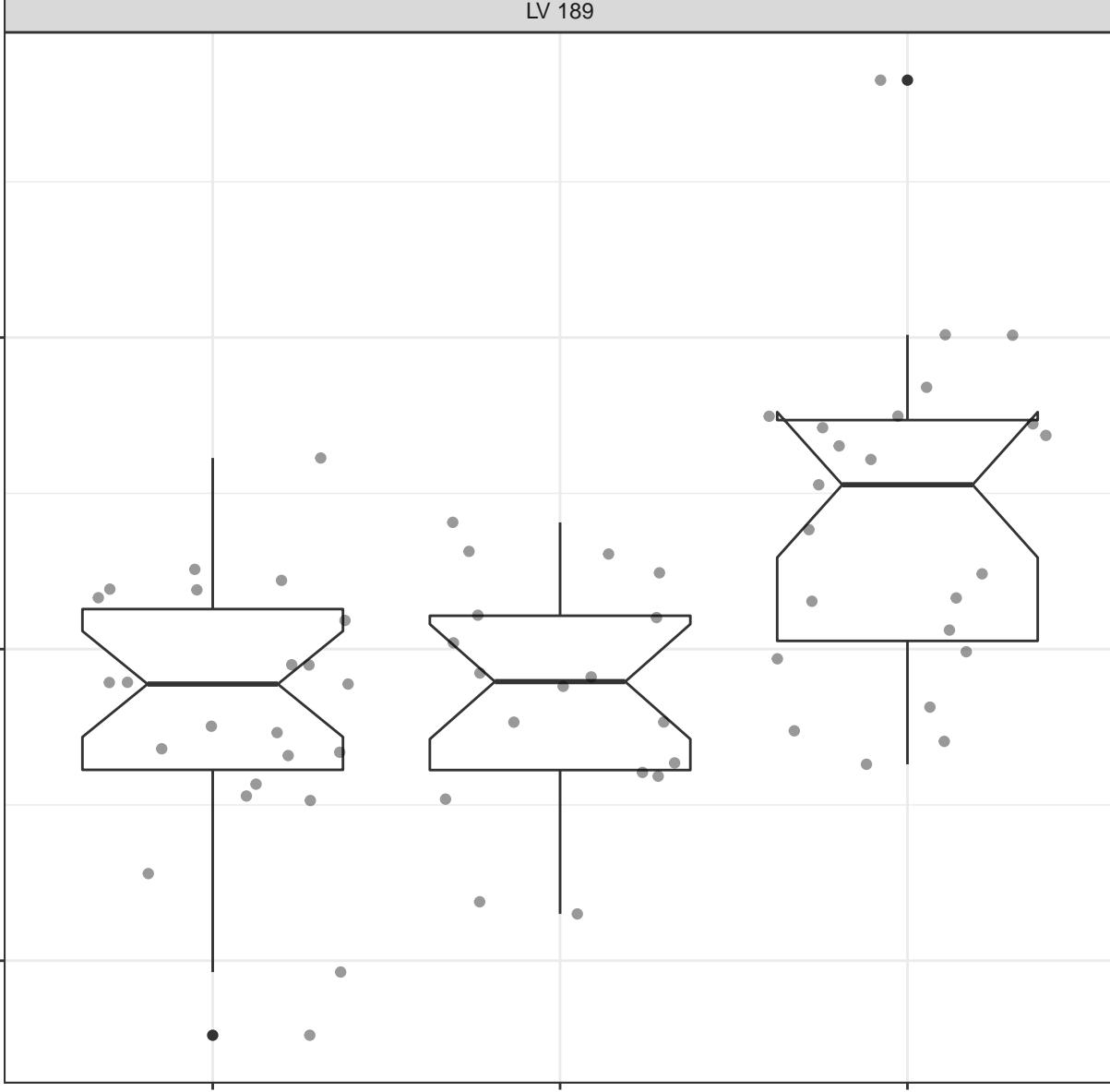
-0.05

Control

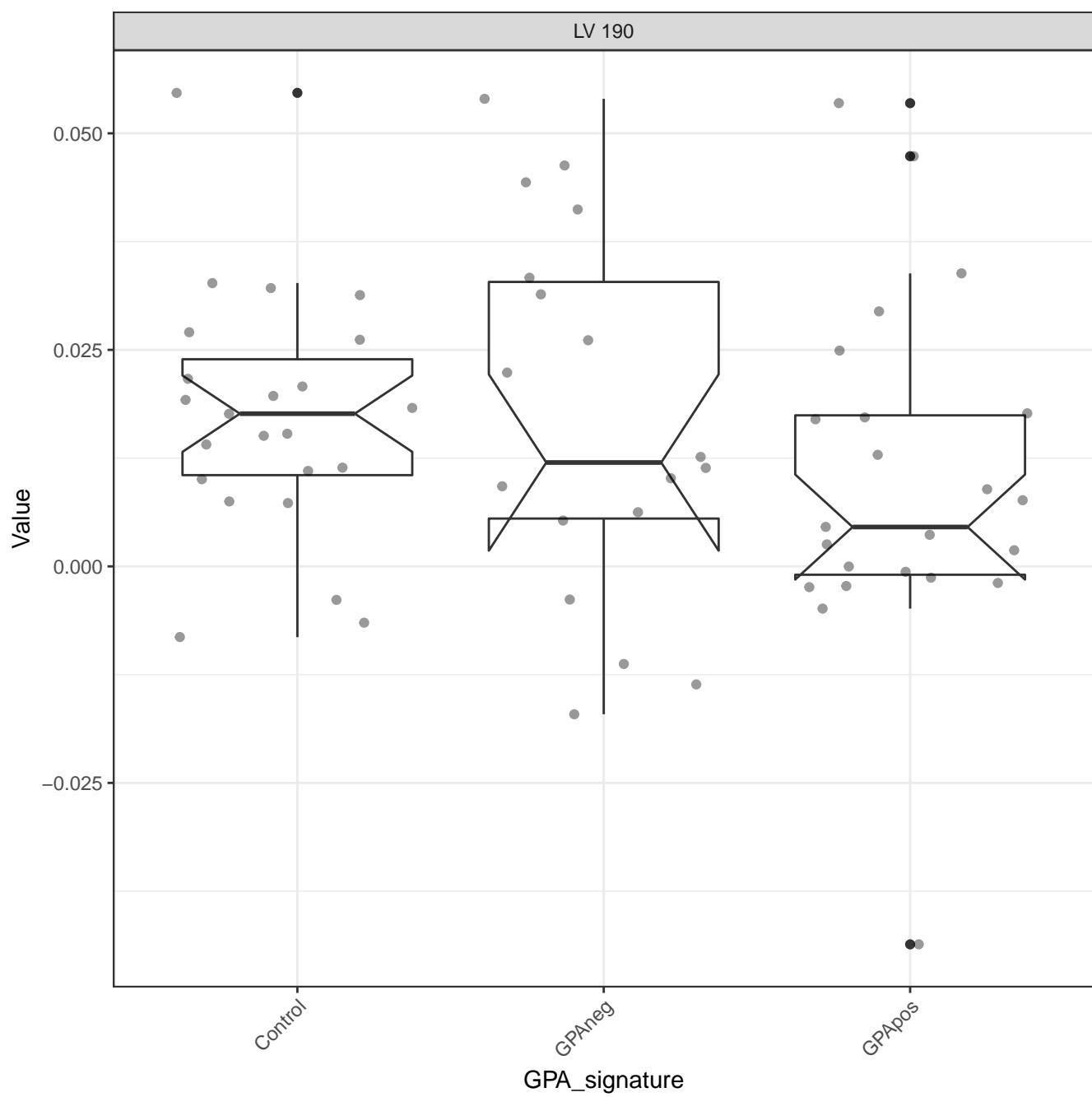
GPAneg

GPApos

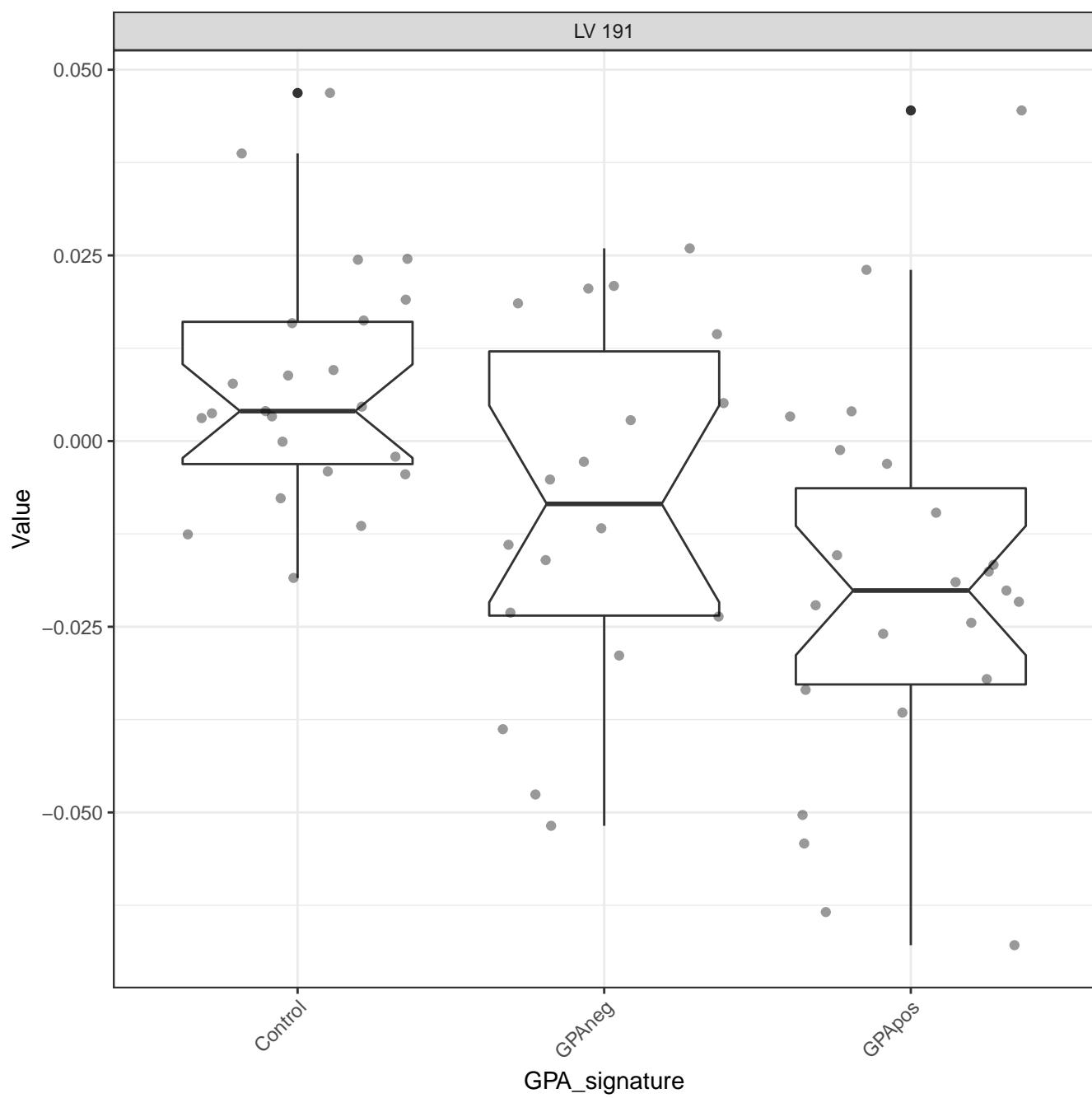
GPA_signature



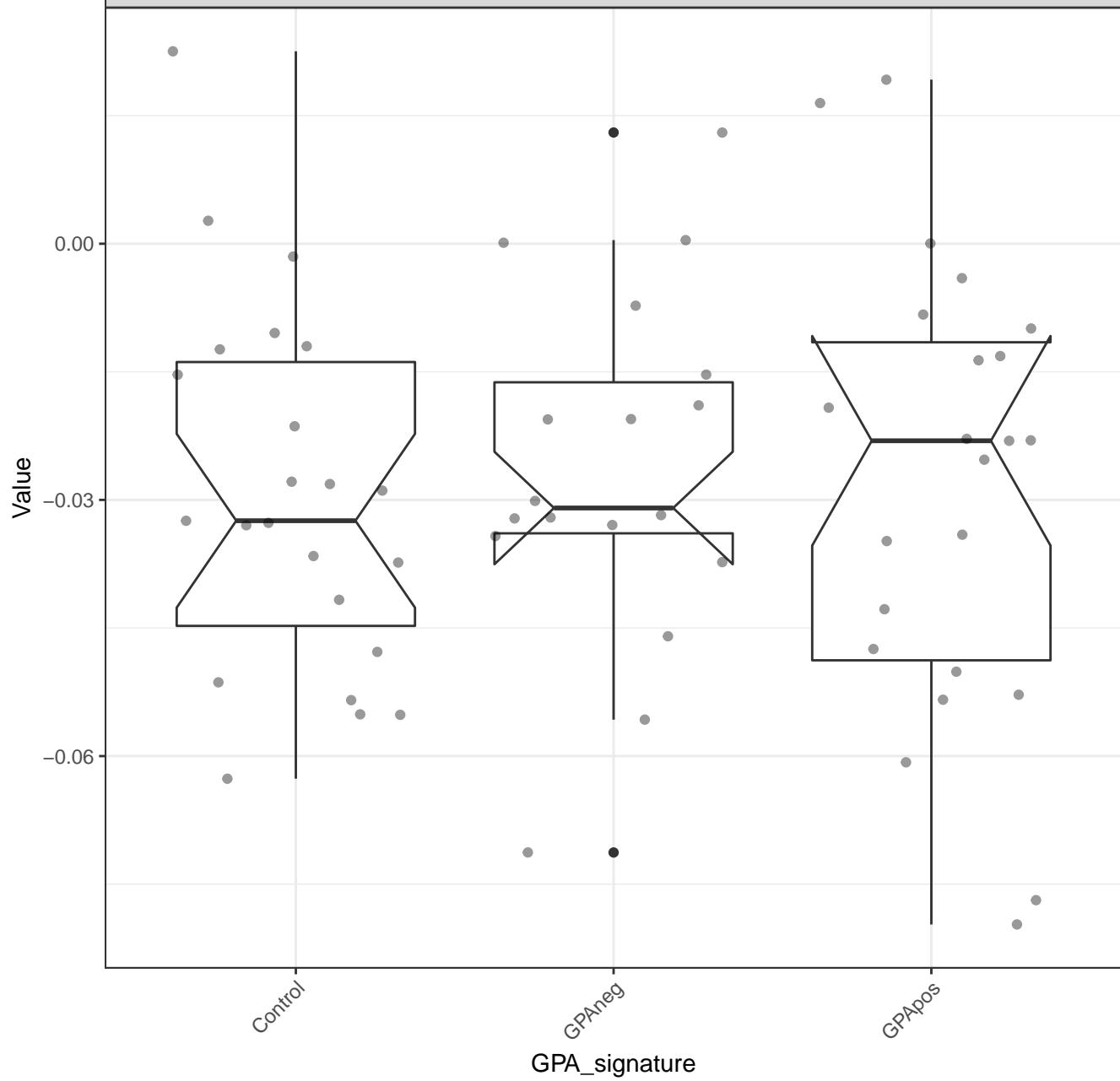
LV 190



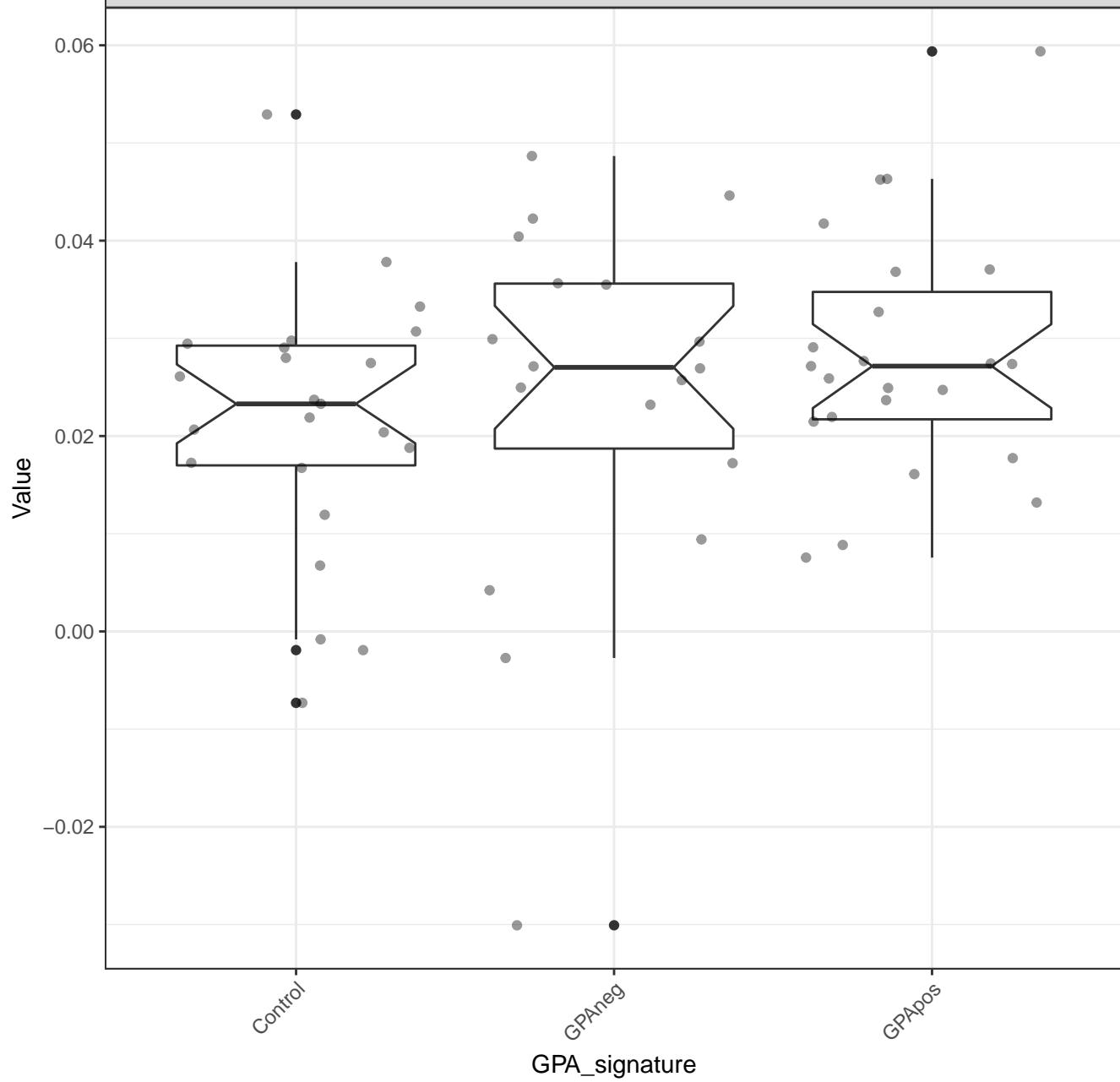
LV 191



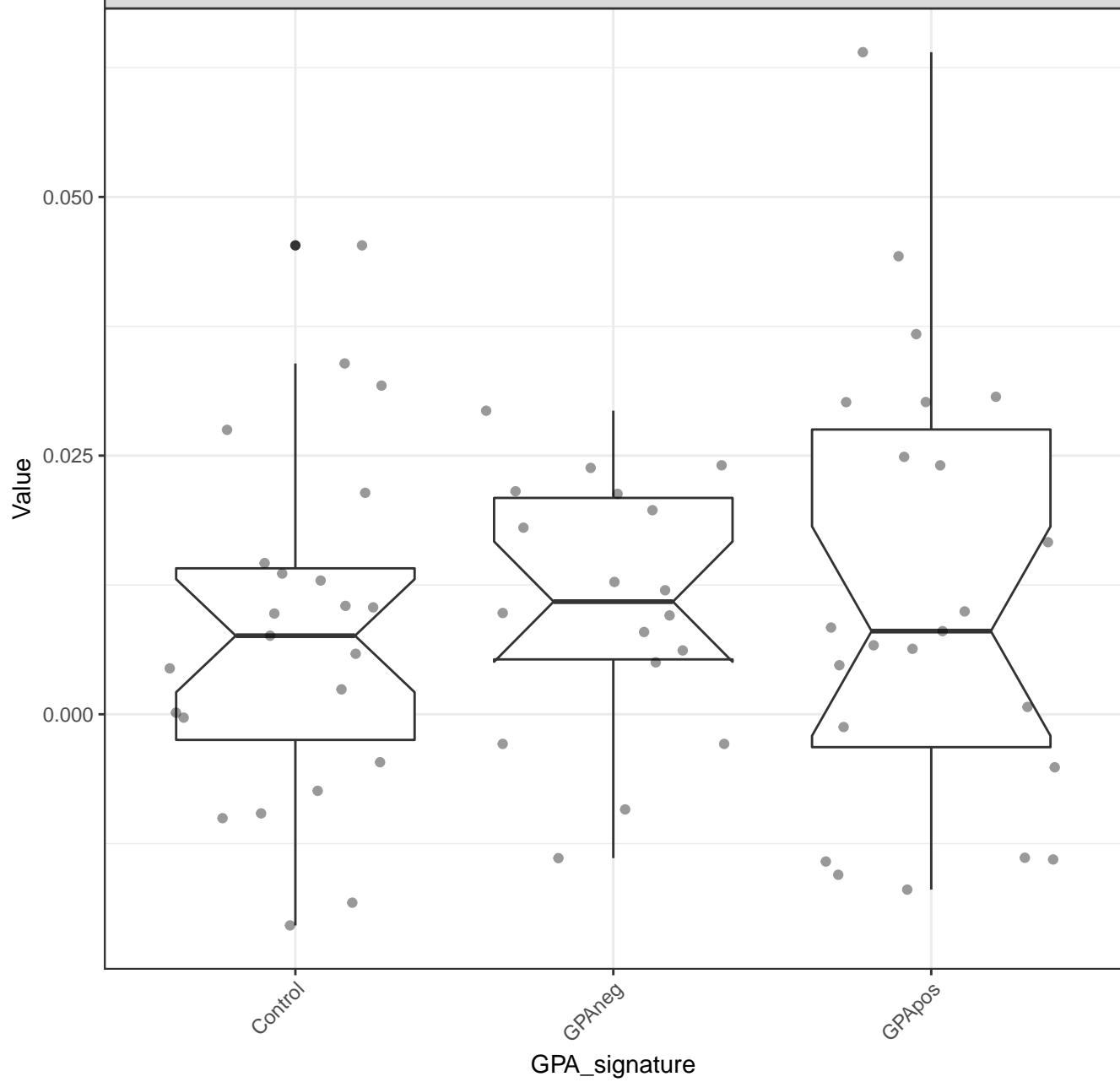
LV 192



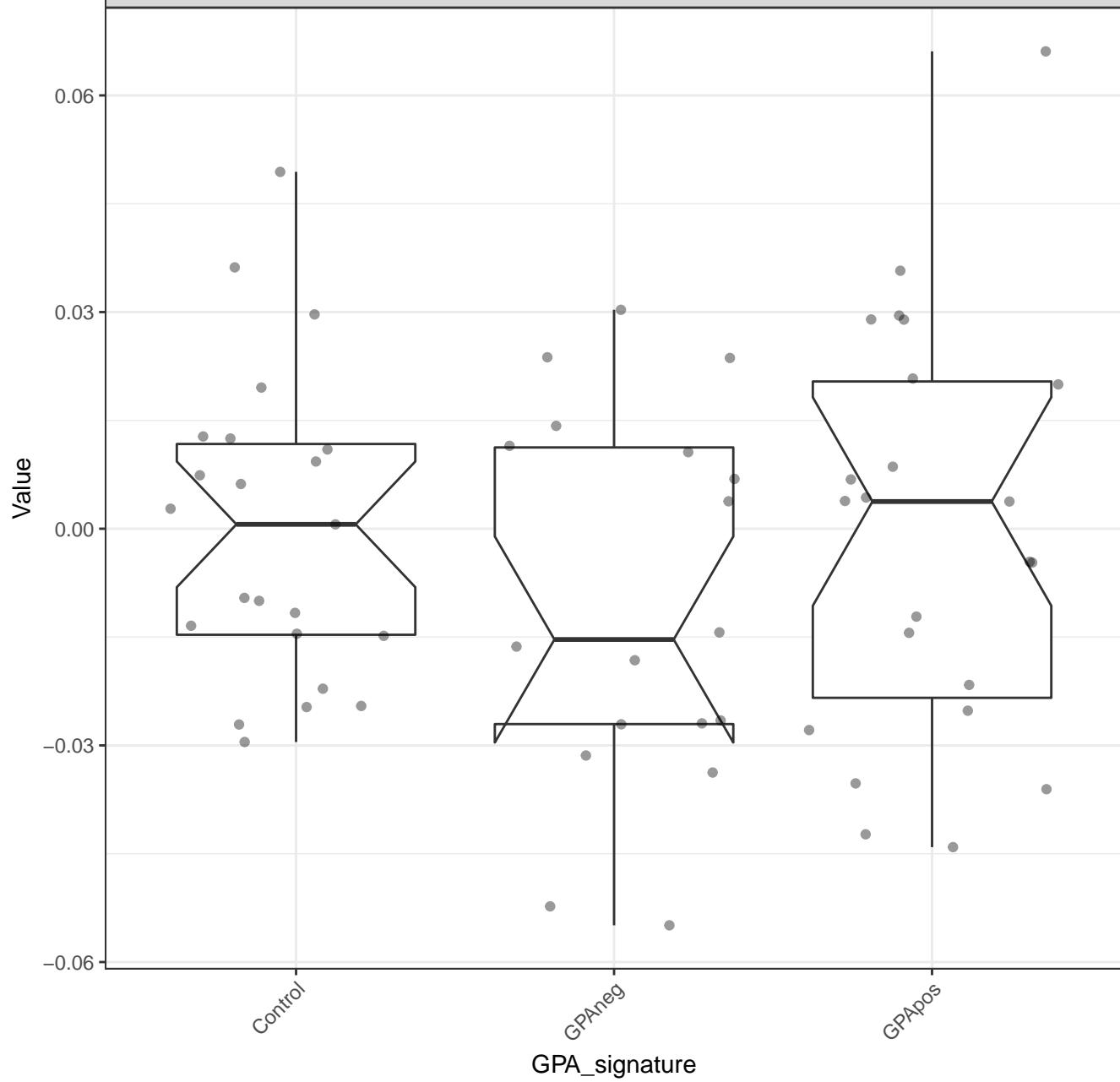
LV 193



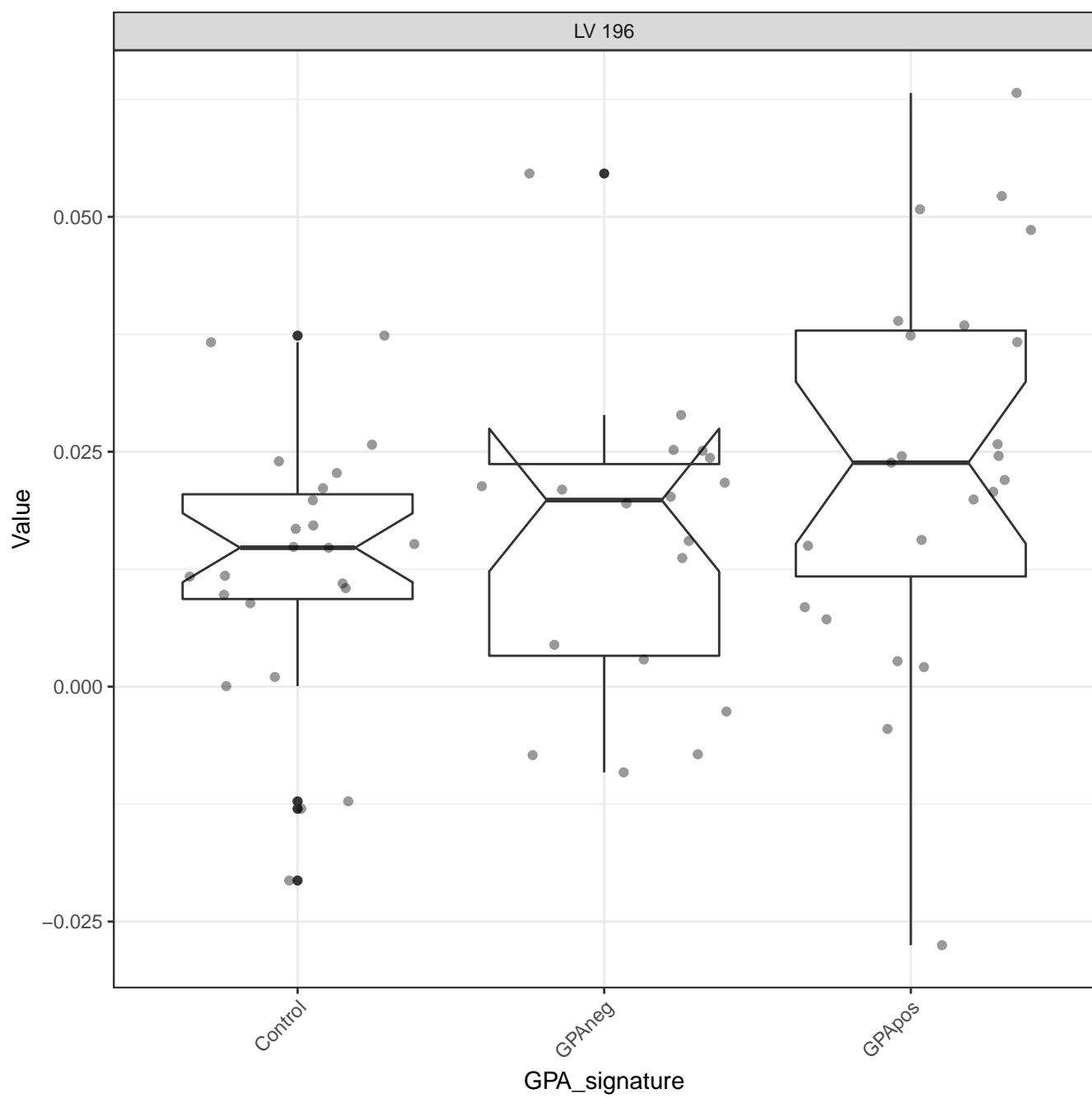
LV 194



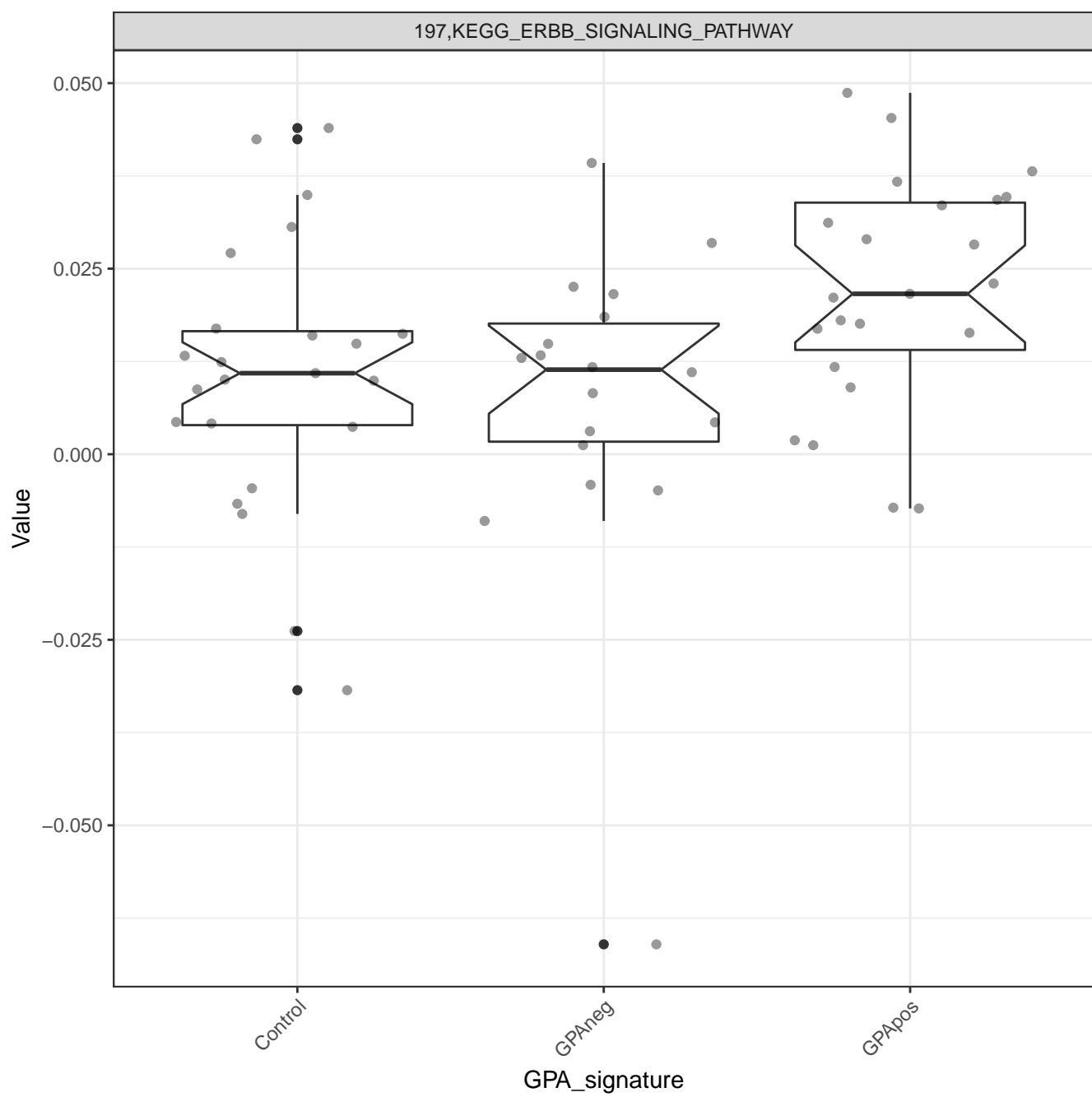
LV 195



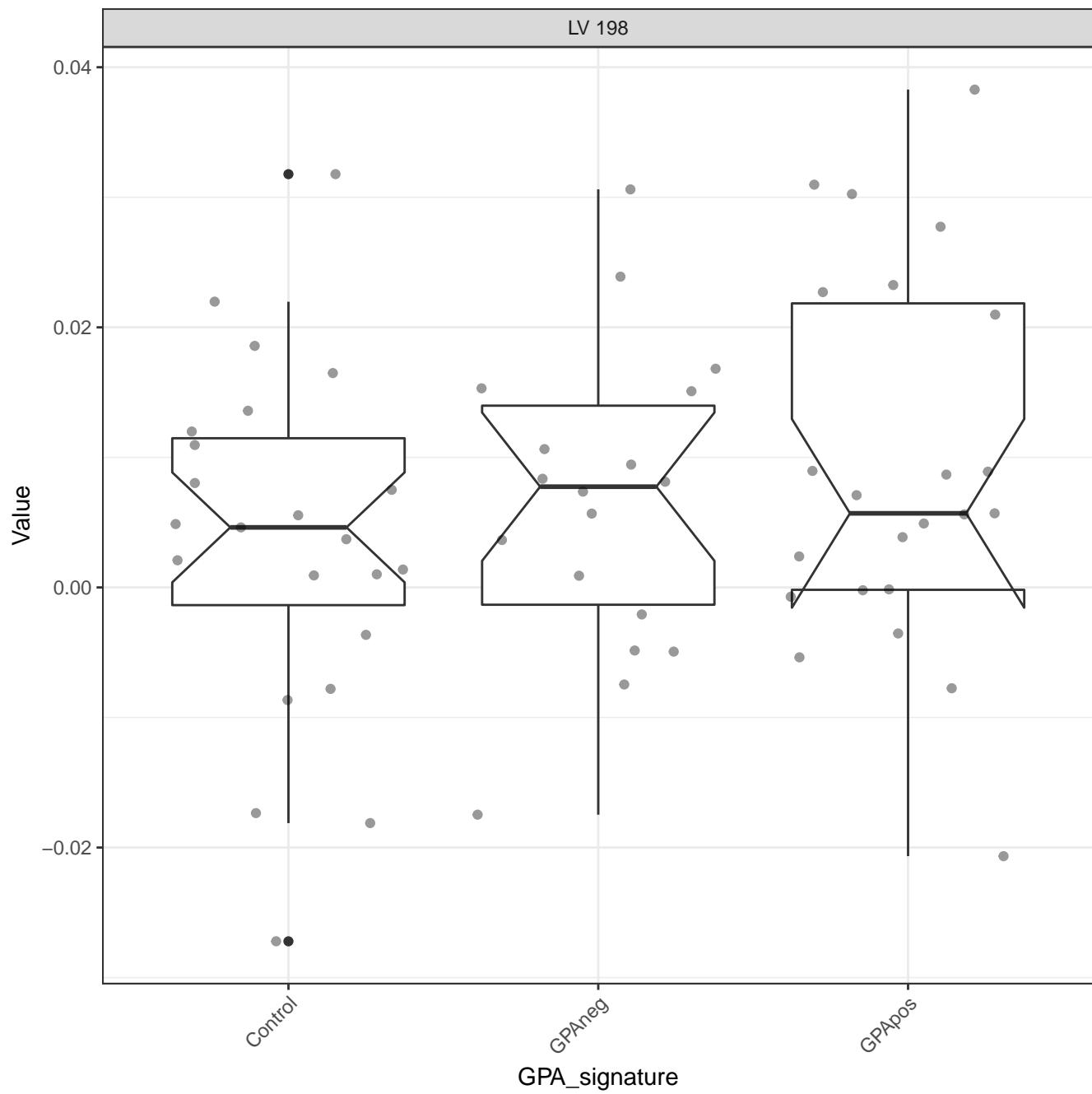
LV 196



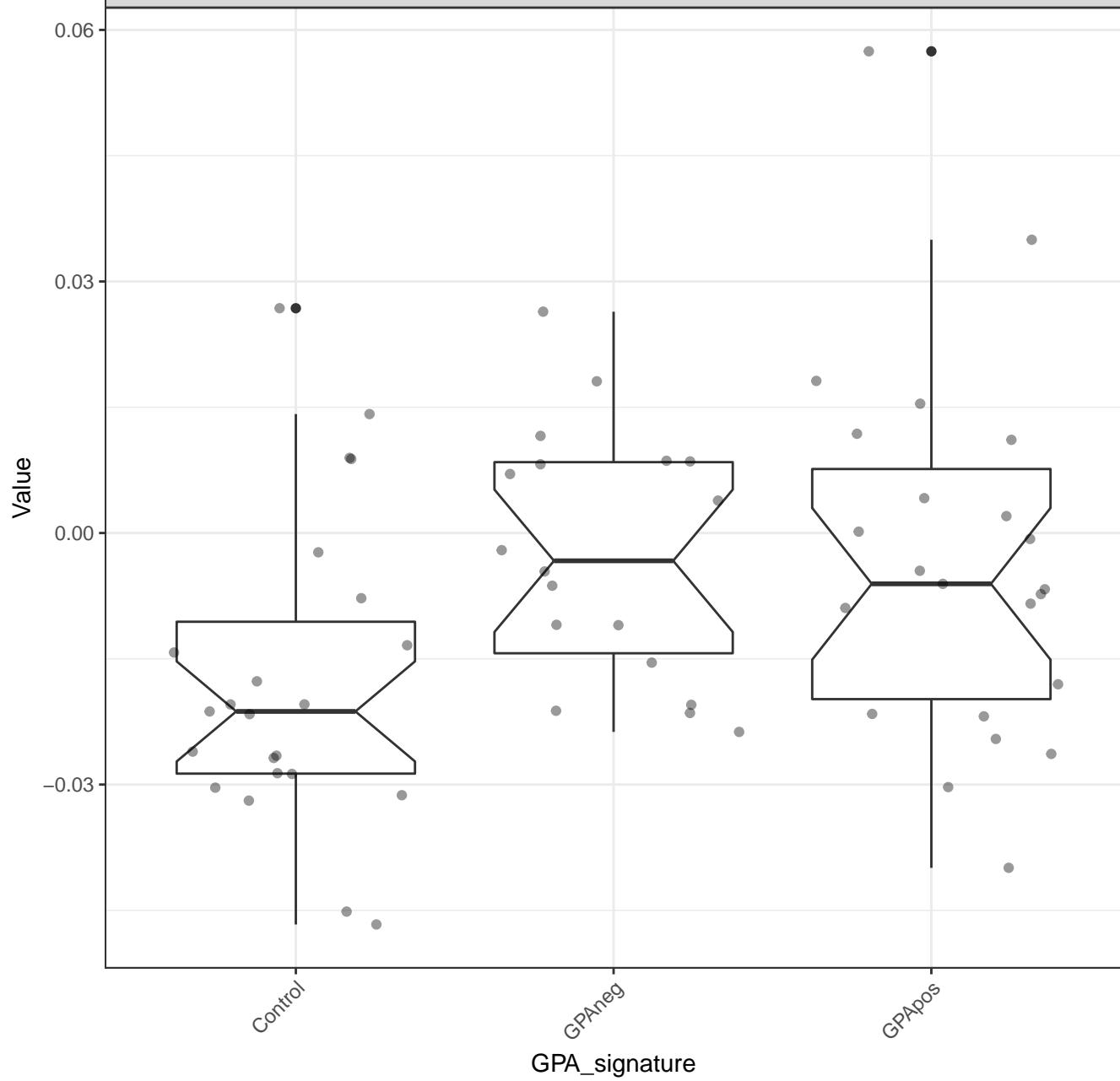
197,KEGG_ERBB_SIGNALING_PATHWAY

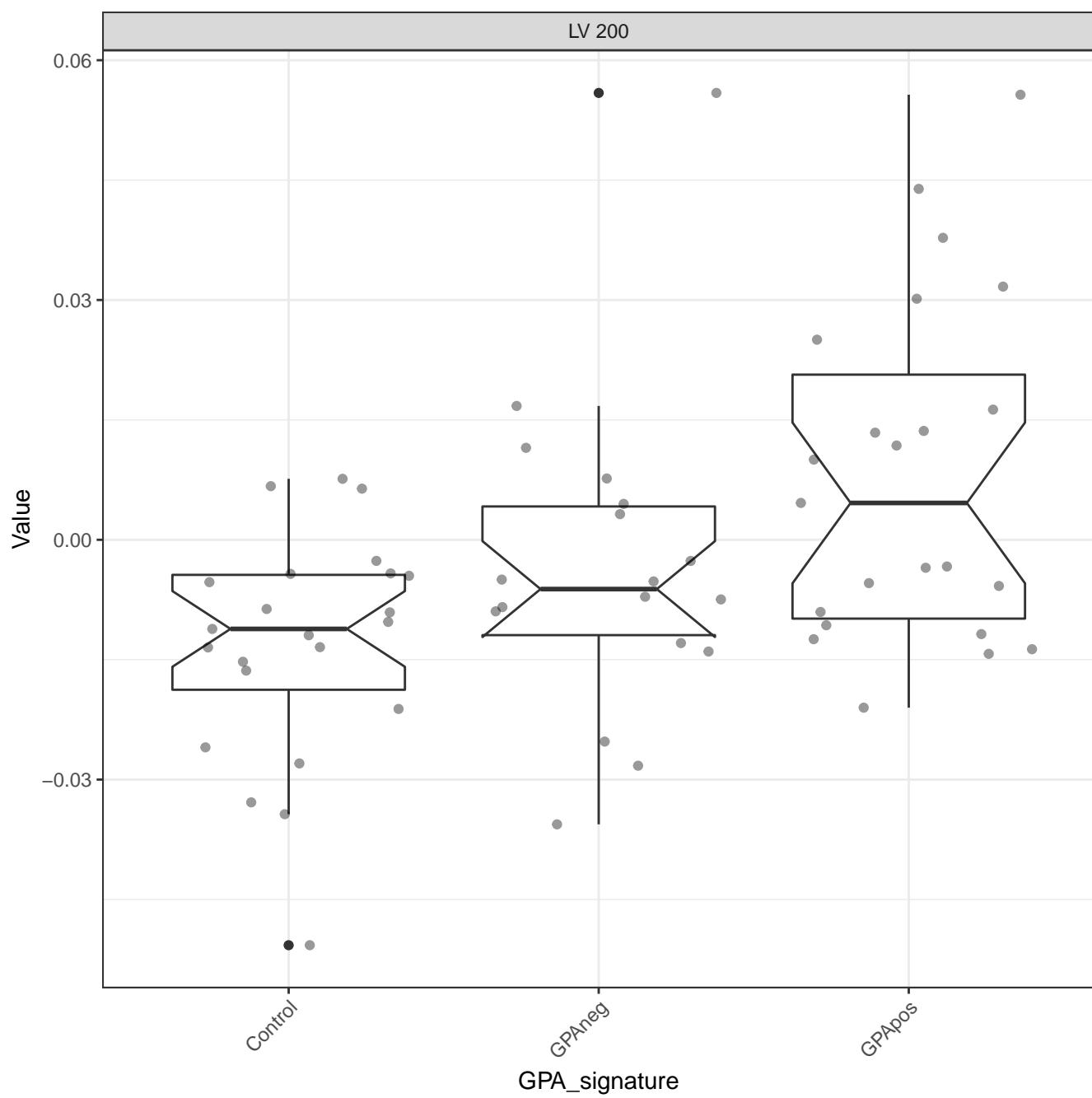


LV 198

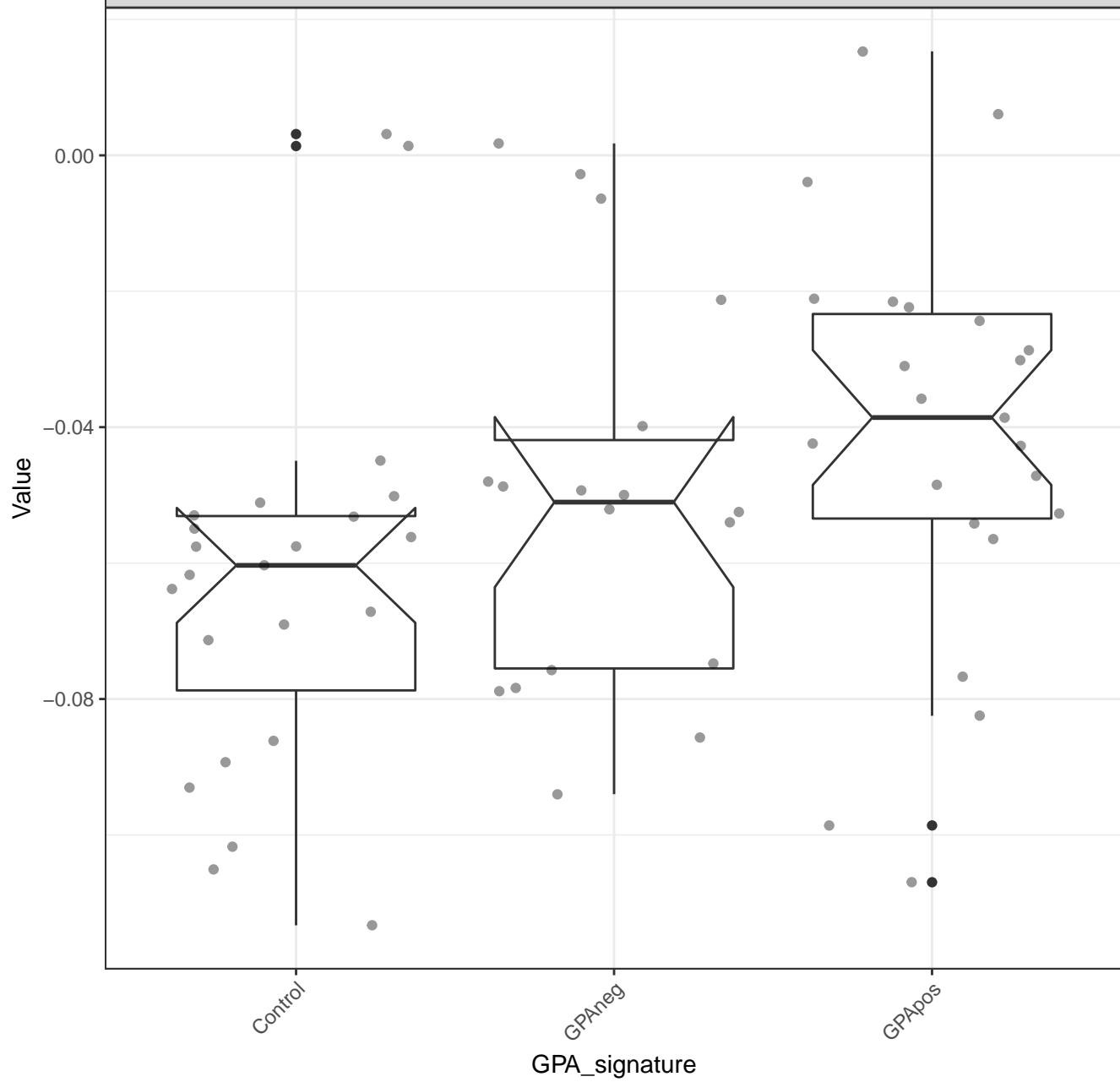


LV 199

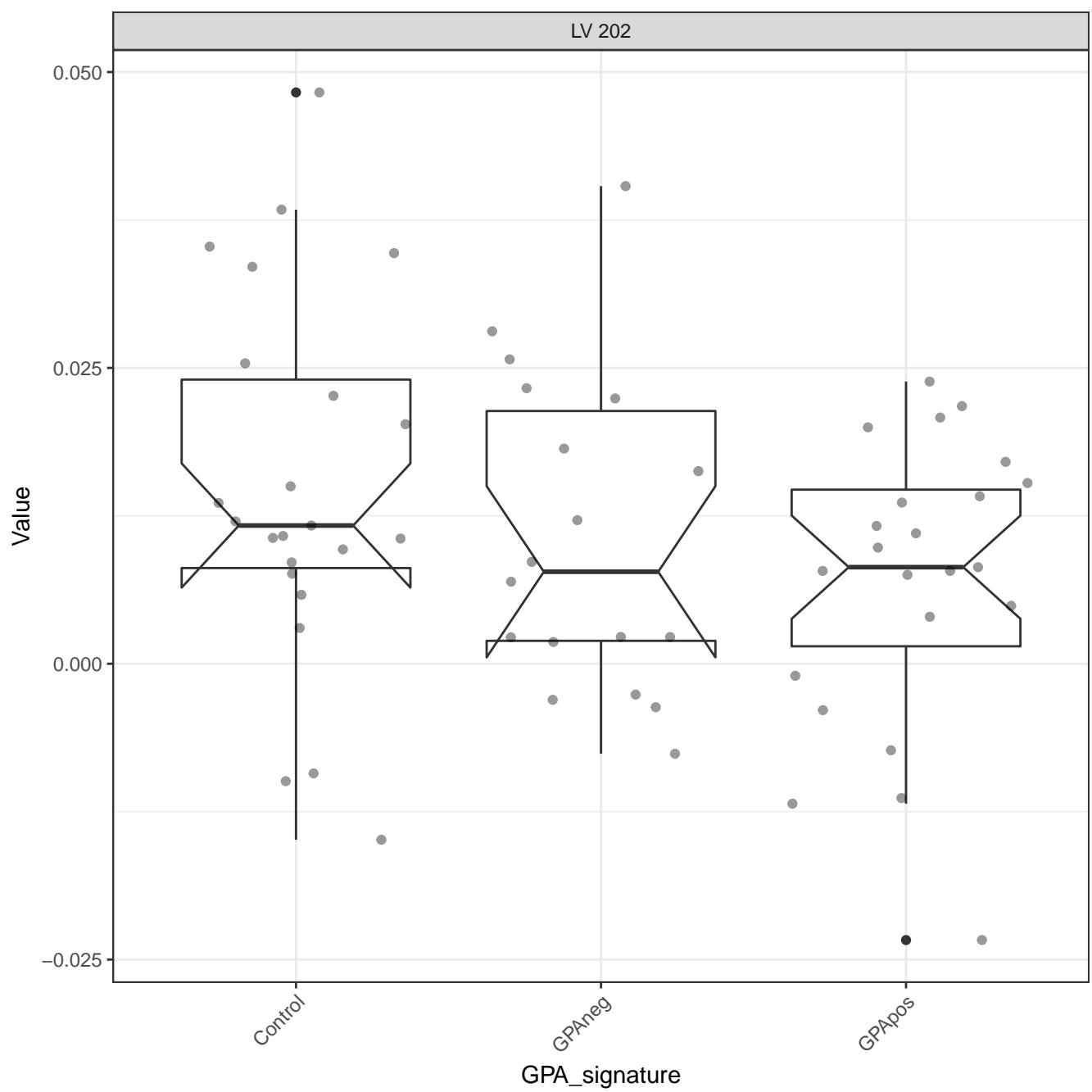




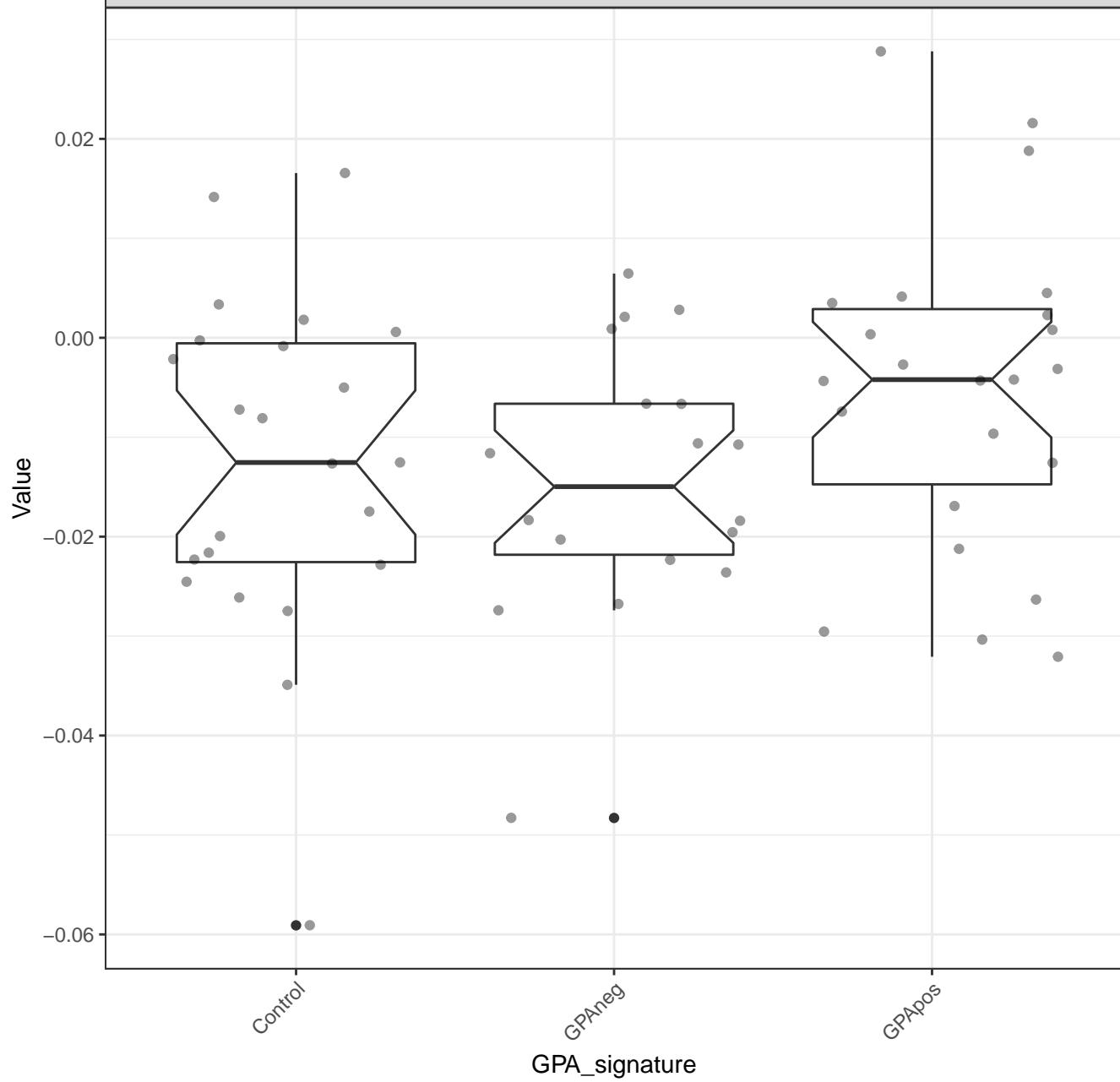
201,MIPS_MEDIATOR_COMPLEX

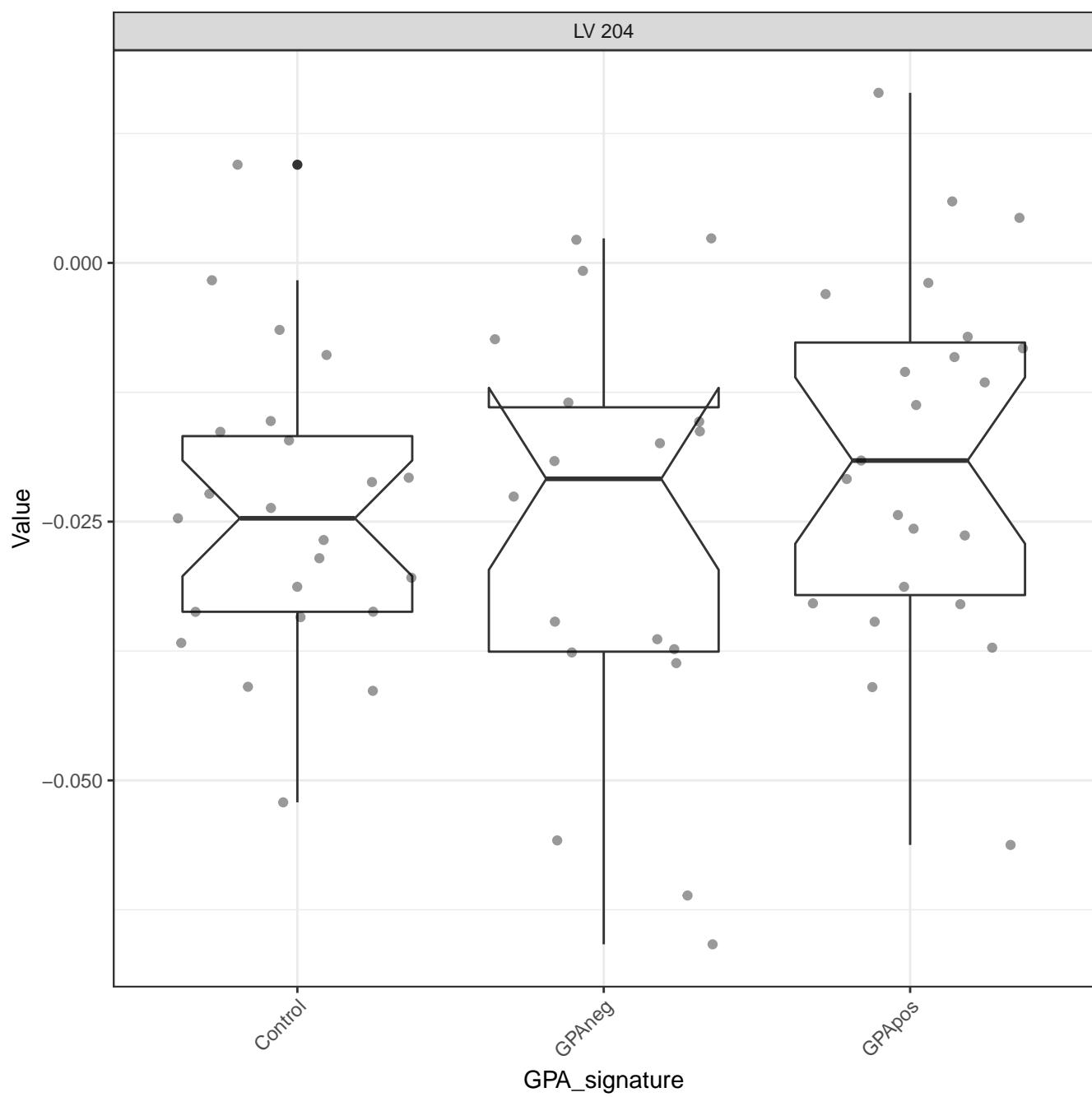


LV 202

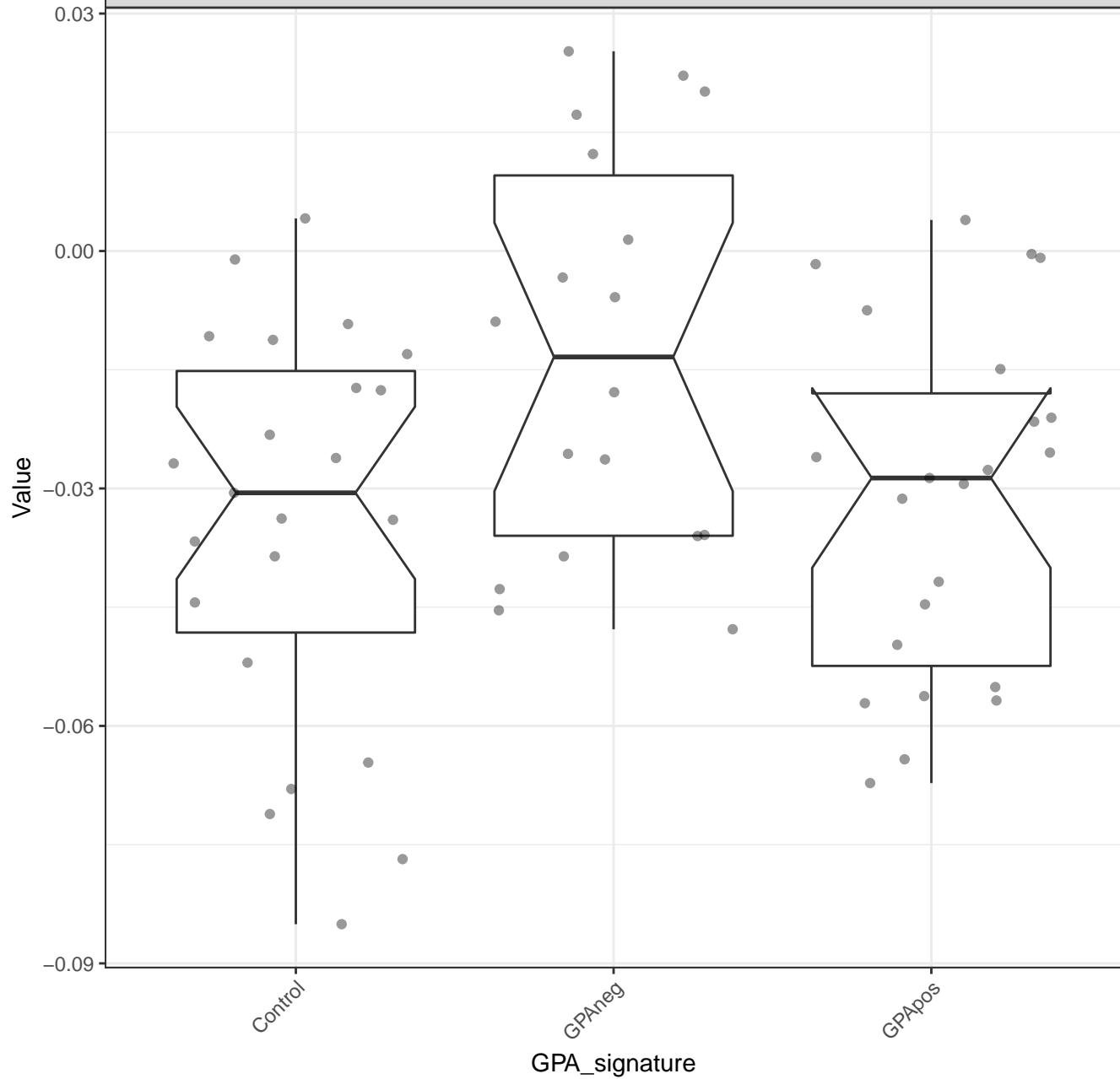


LV 203

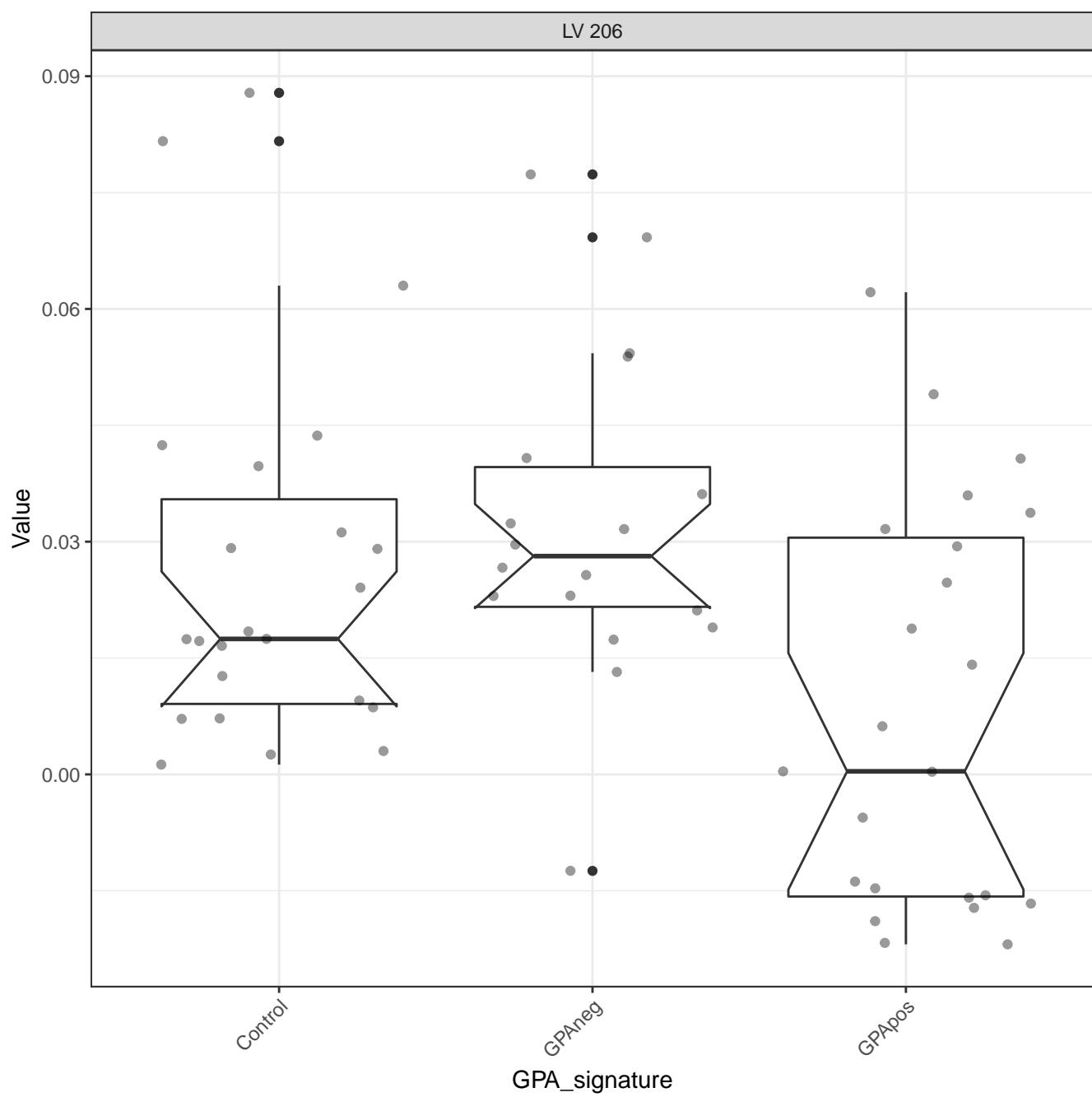


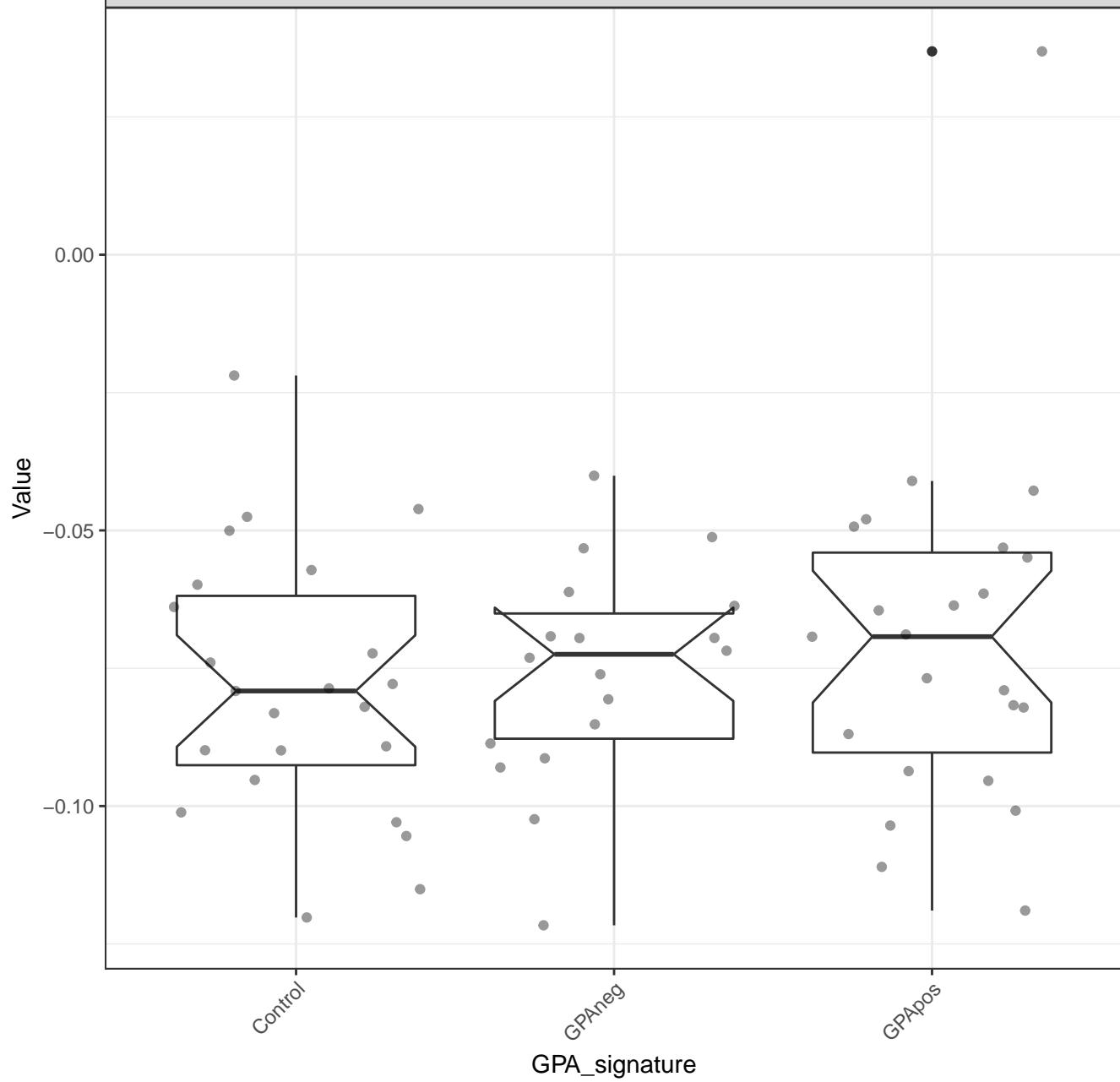


LV 205



LV 206





LV 208

Value

0.04

0.02

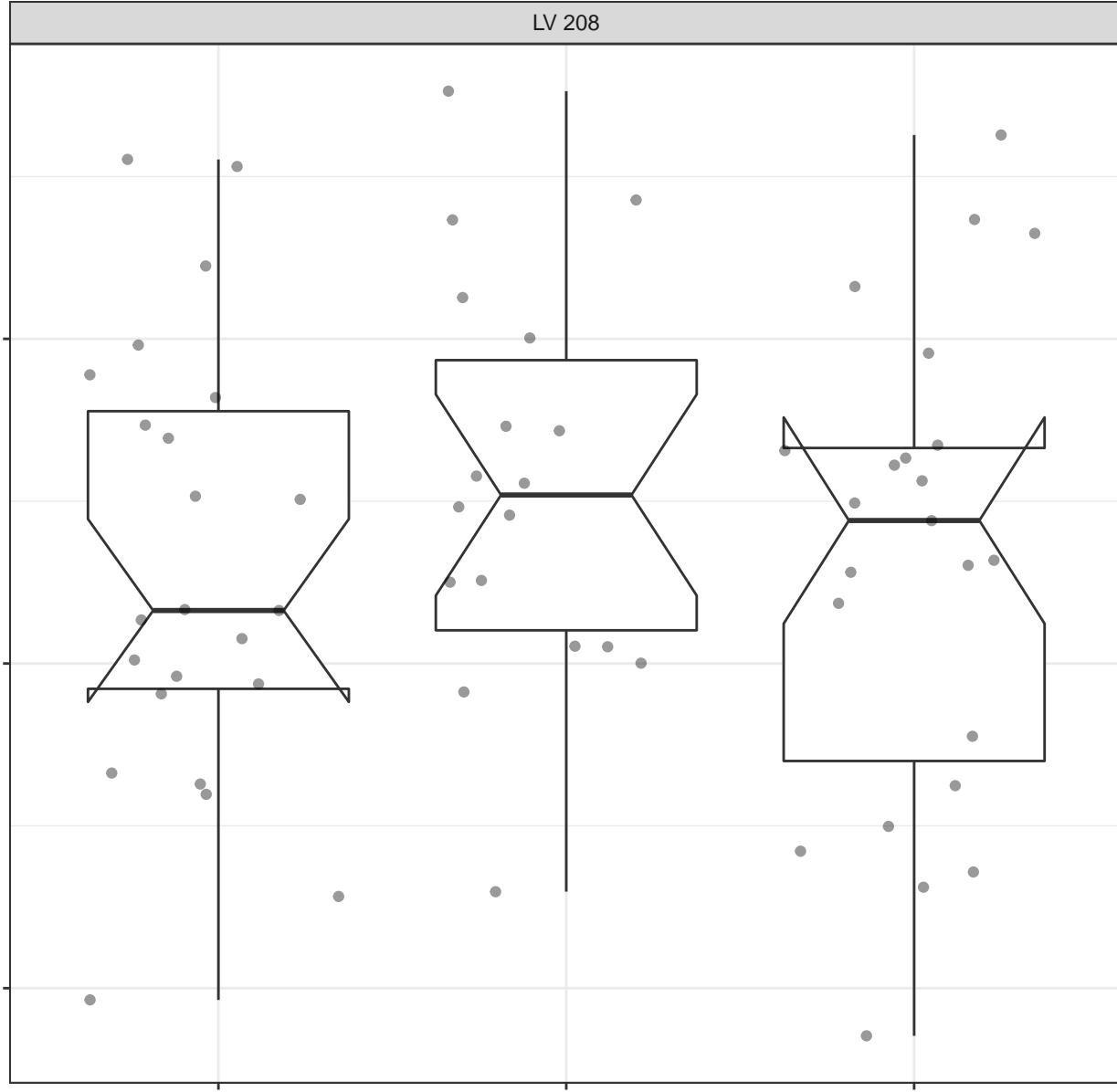
0.00

Control

GPA_signature

GPAneg

GPAPos



LV 209

Value

0.05

0.00

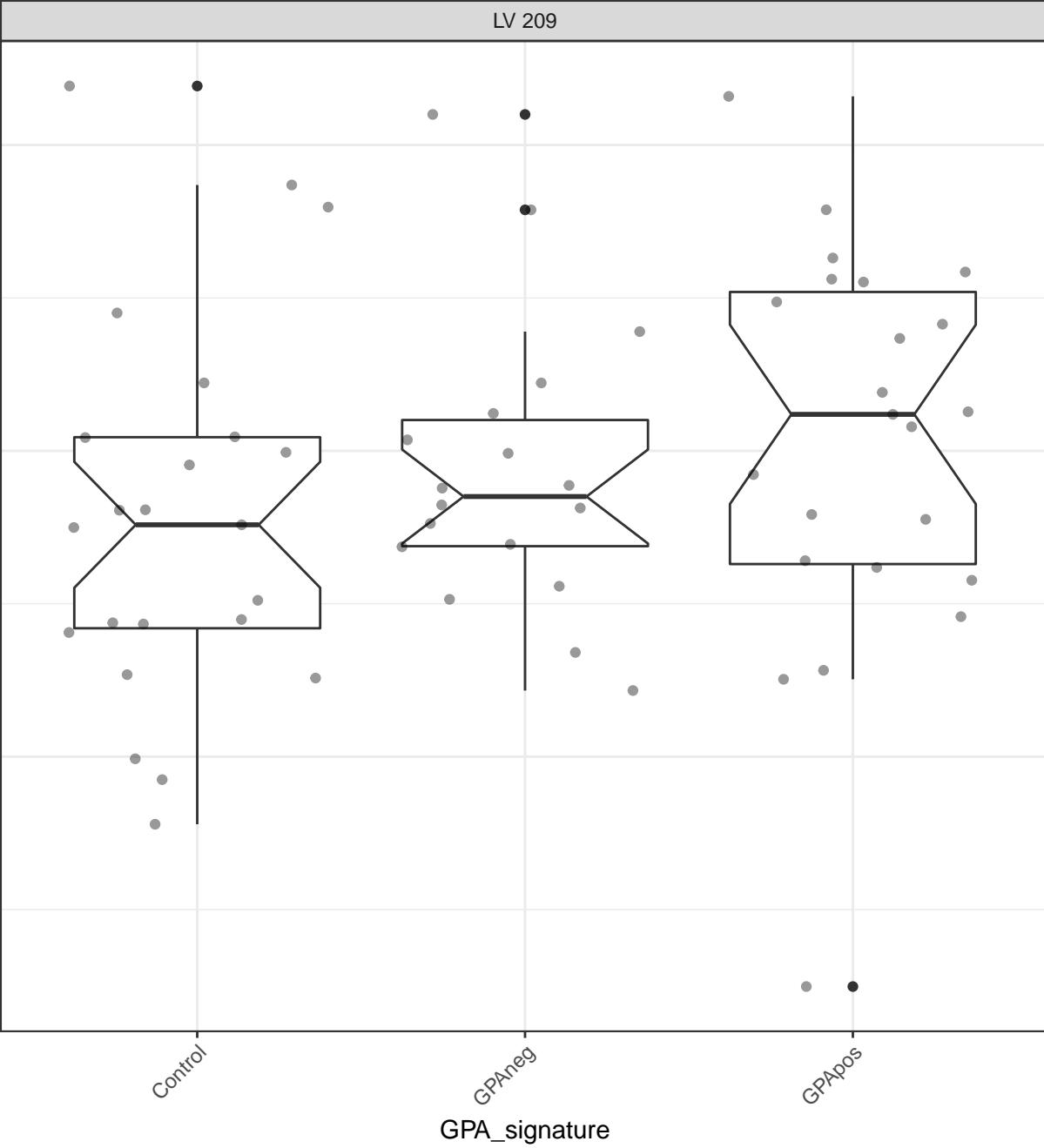
-0.05

Control

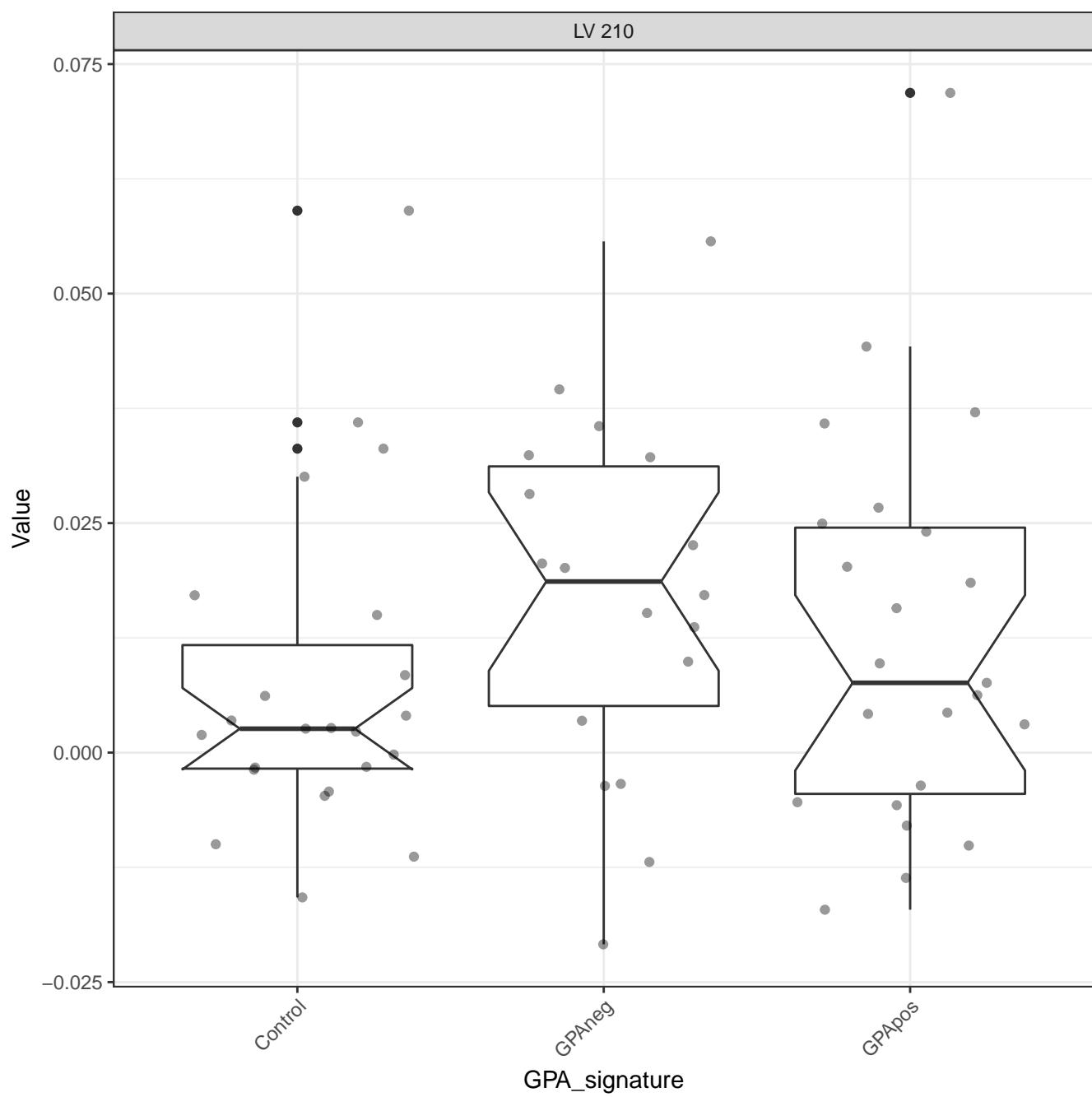
GPA_signature

GPAneg

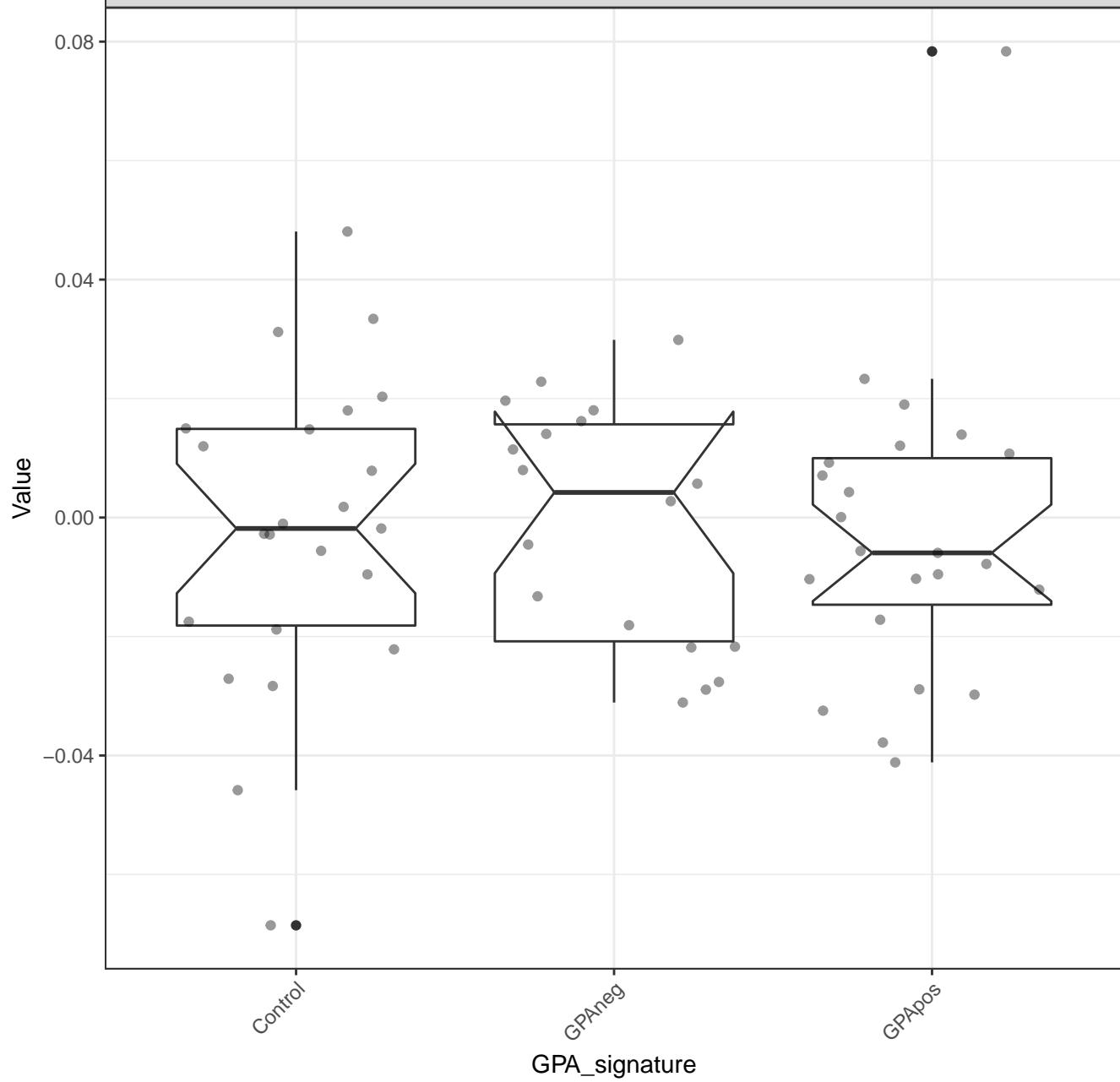
GPAPos



LV 210



LV 211



LV 212

Value

0.05

0.00

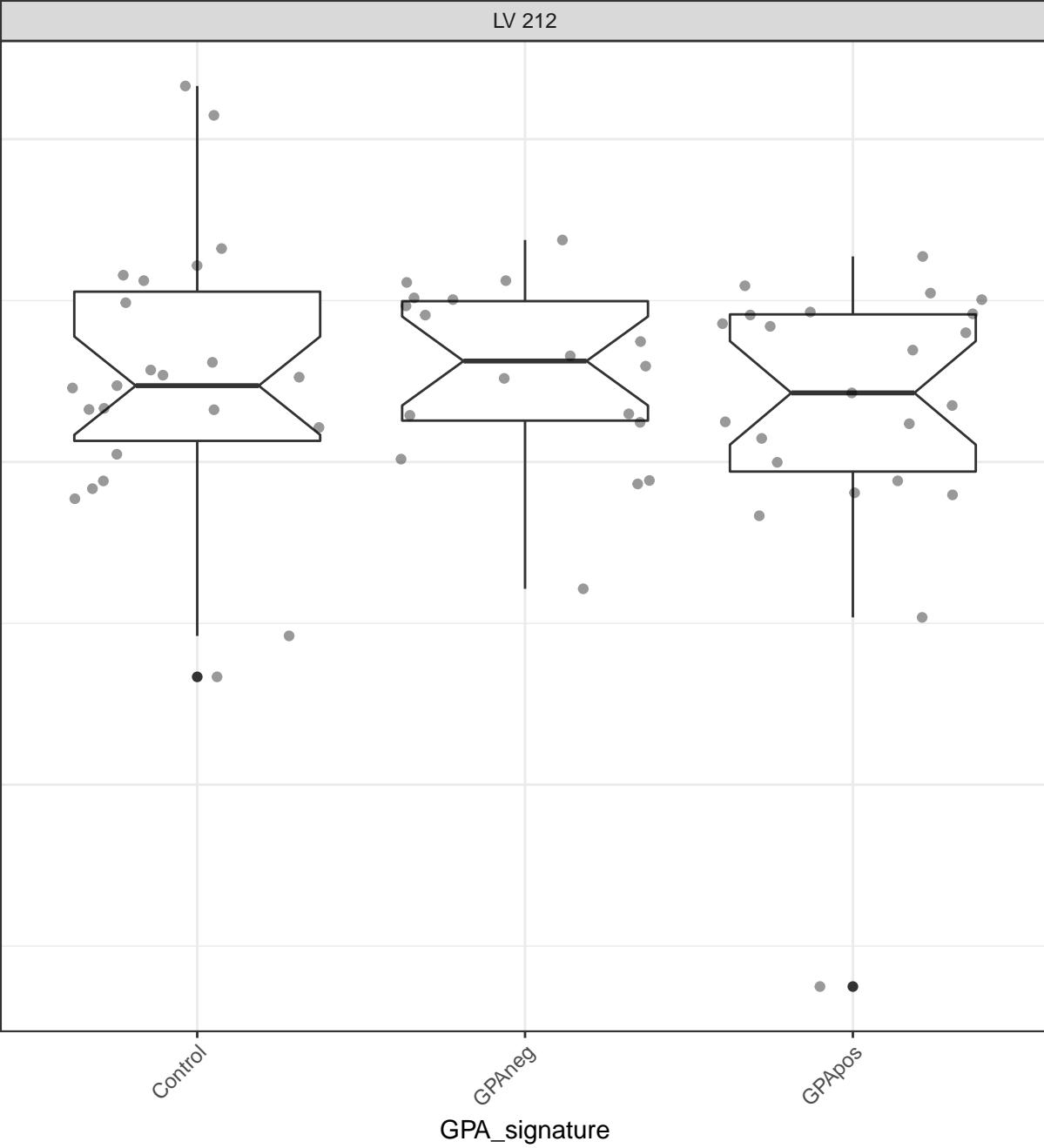
-0.05

Control

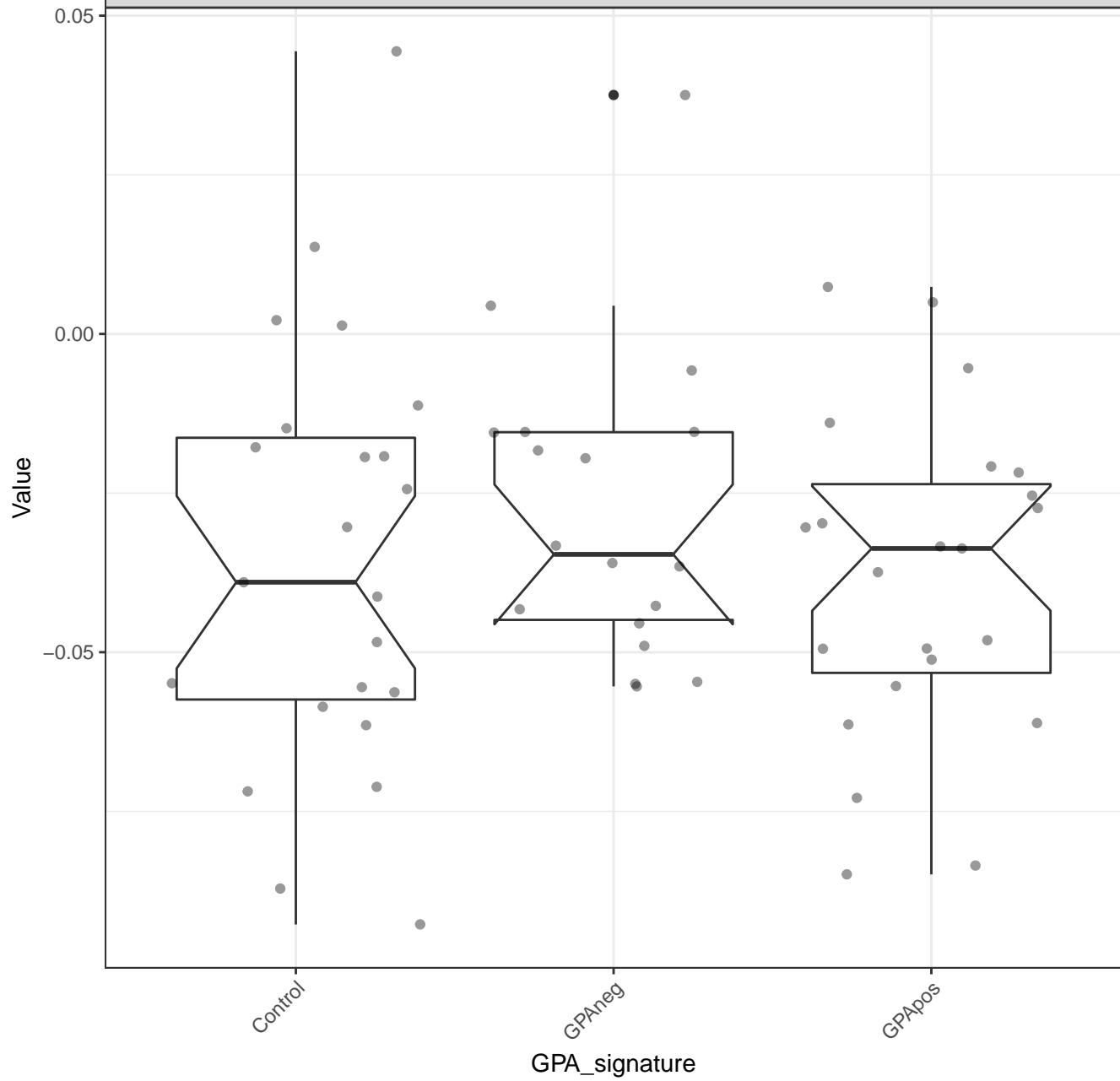
GPA neg

GPA pos

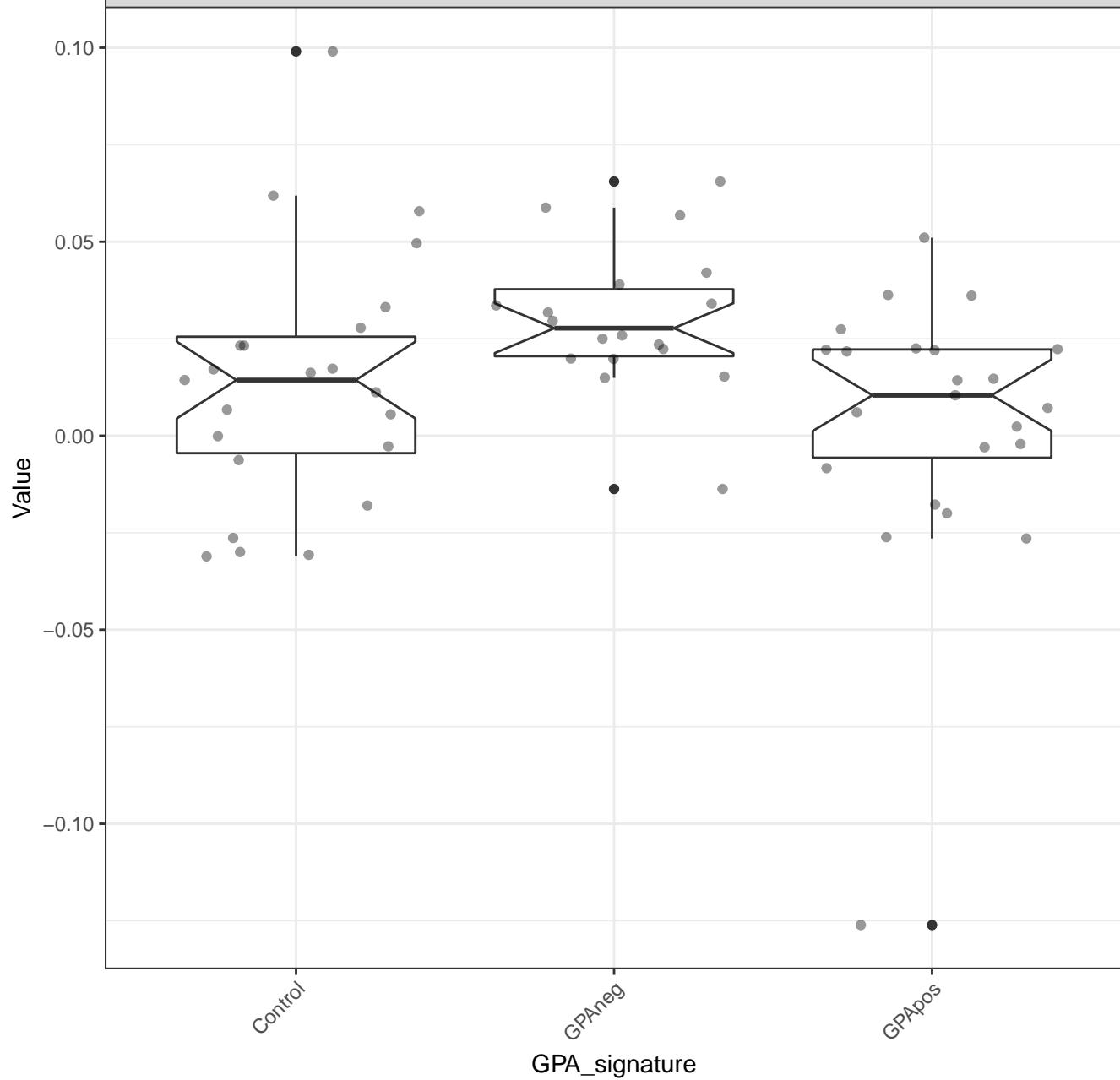
GPA_signature

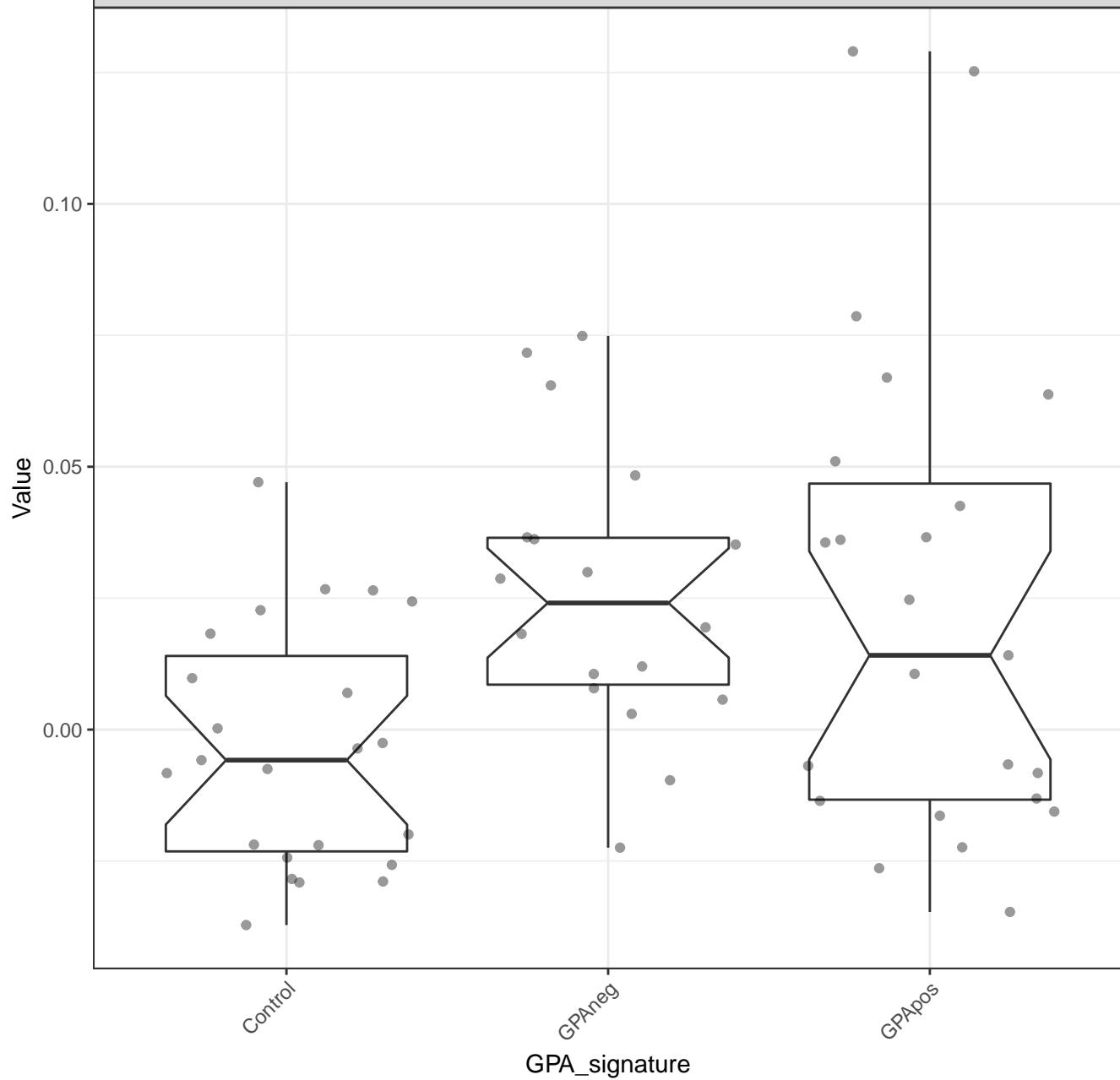


LV 213



LV 214





LV 216

Value

0.04

0.02

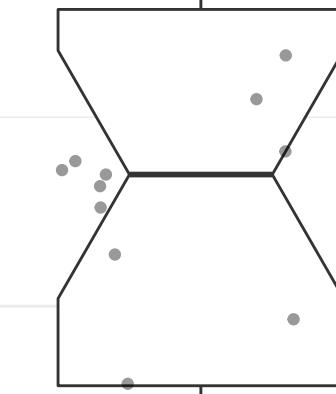
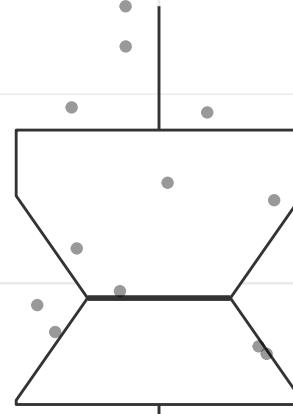
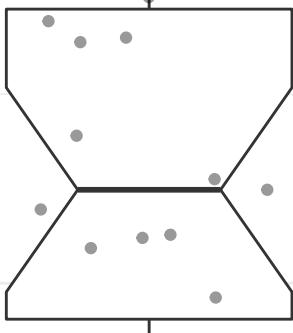
0.00

Control

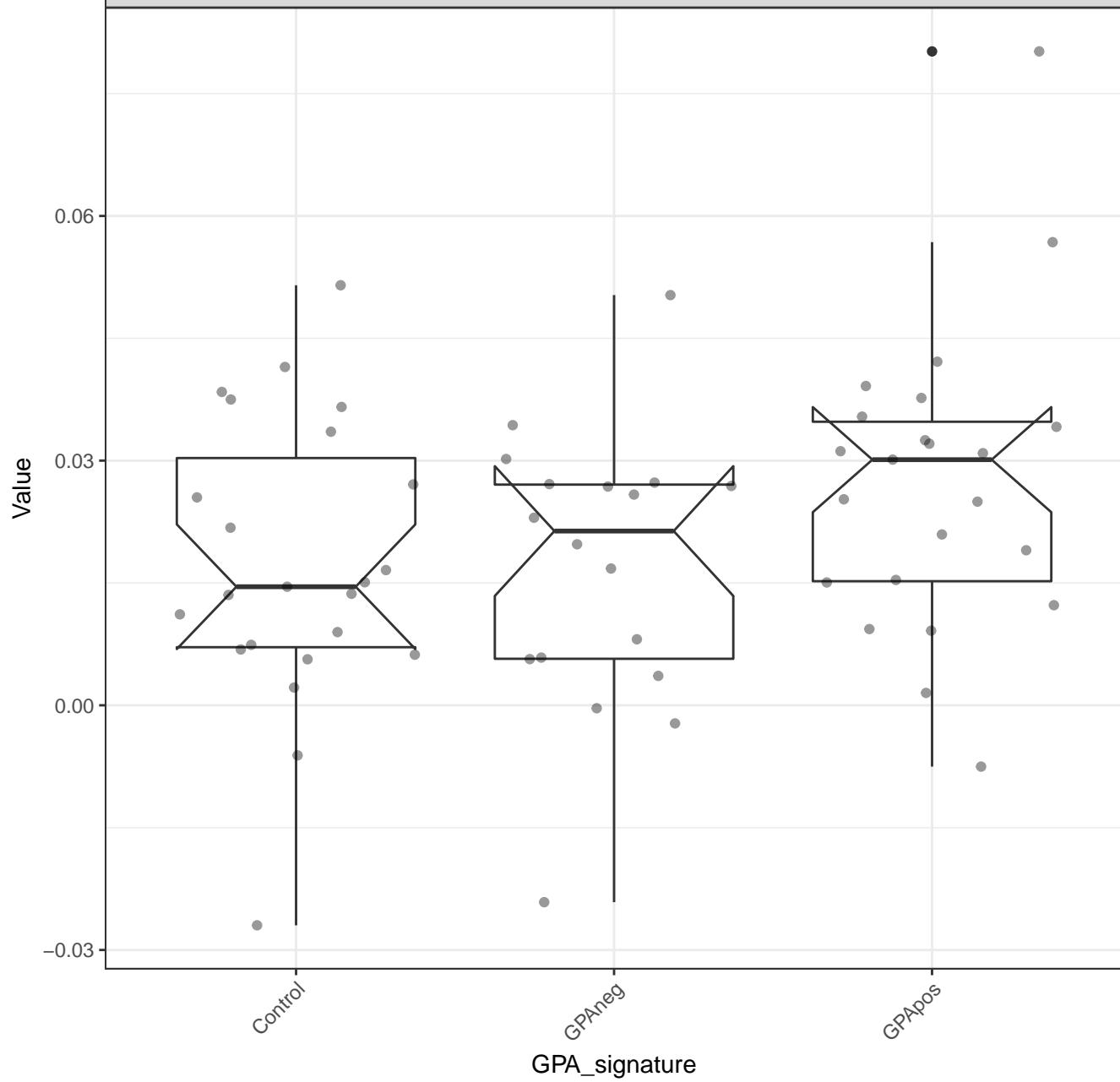
GPA_signature

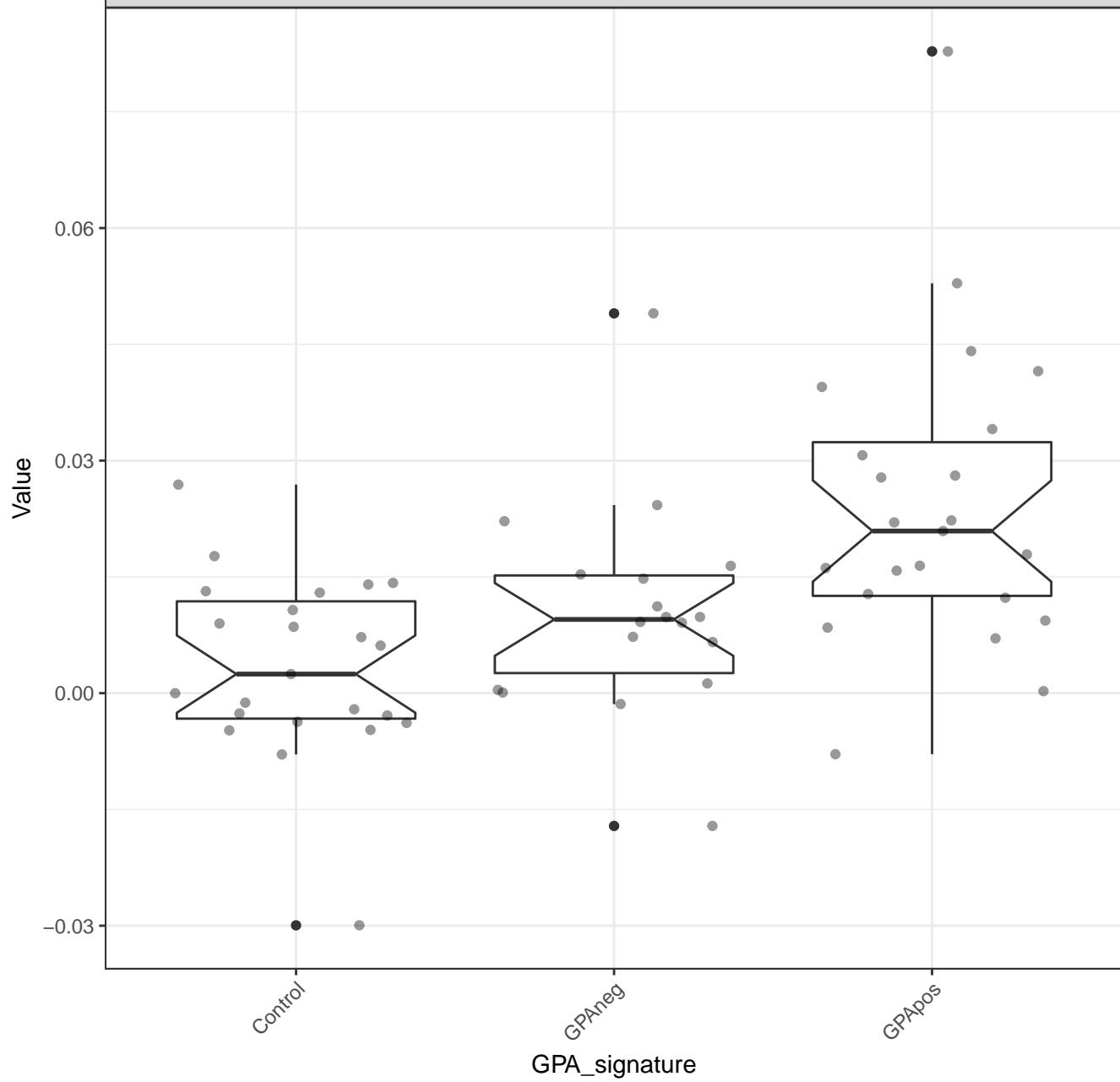
GPAneg

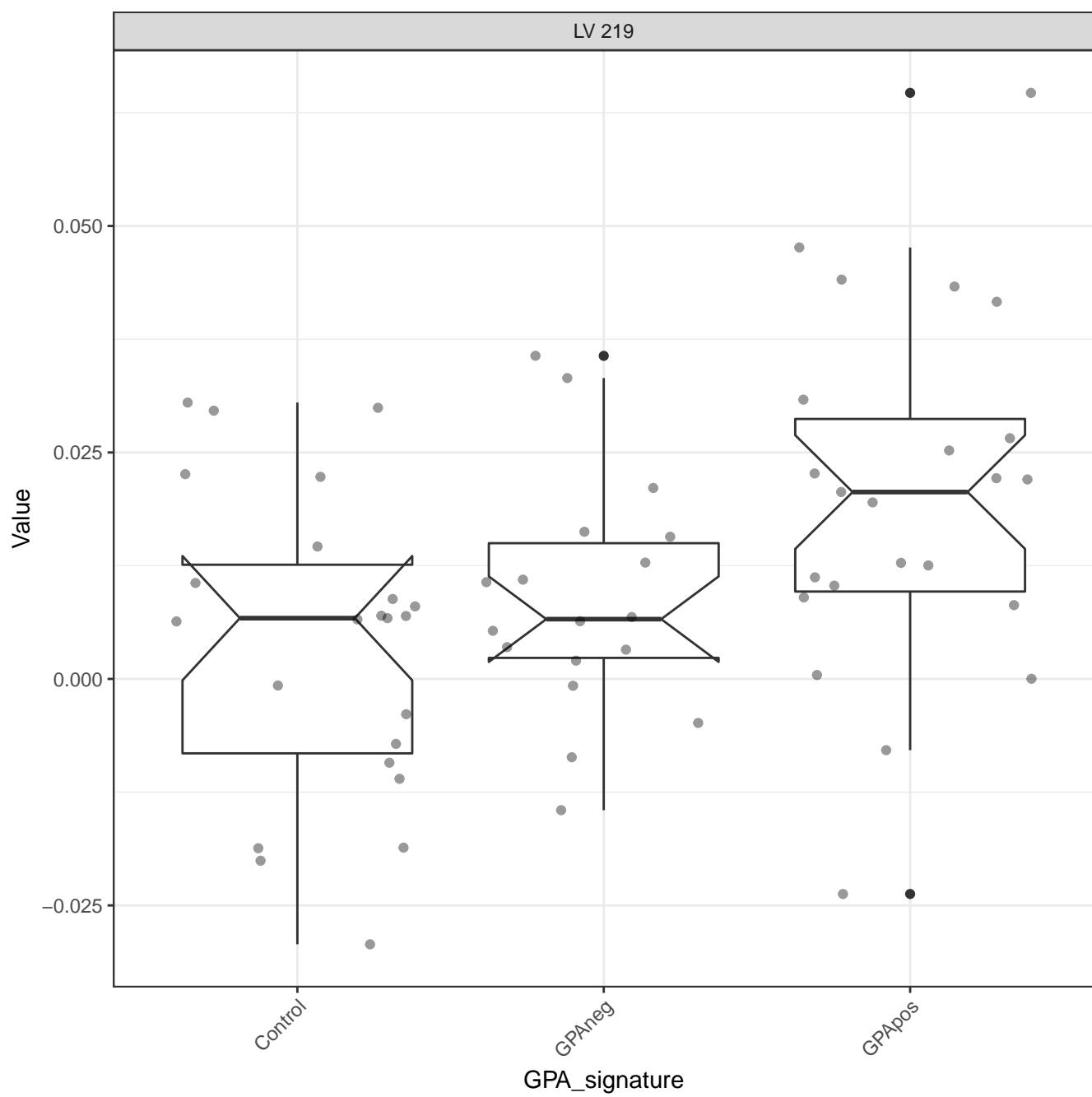
GPAPos



LV 217







LV 220

Value

0.05

0.00

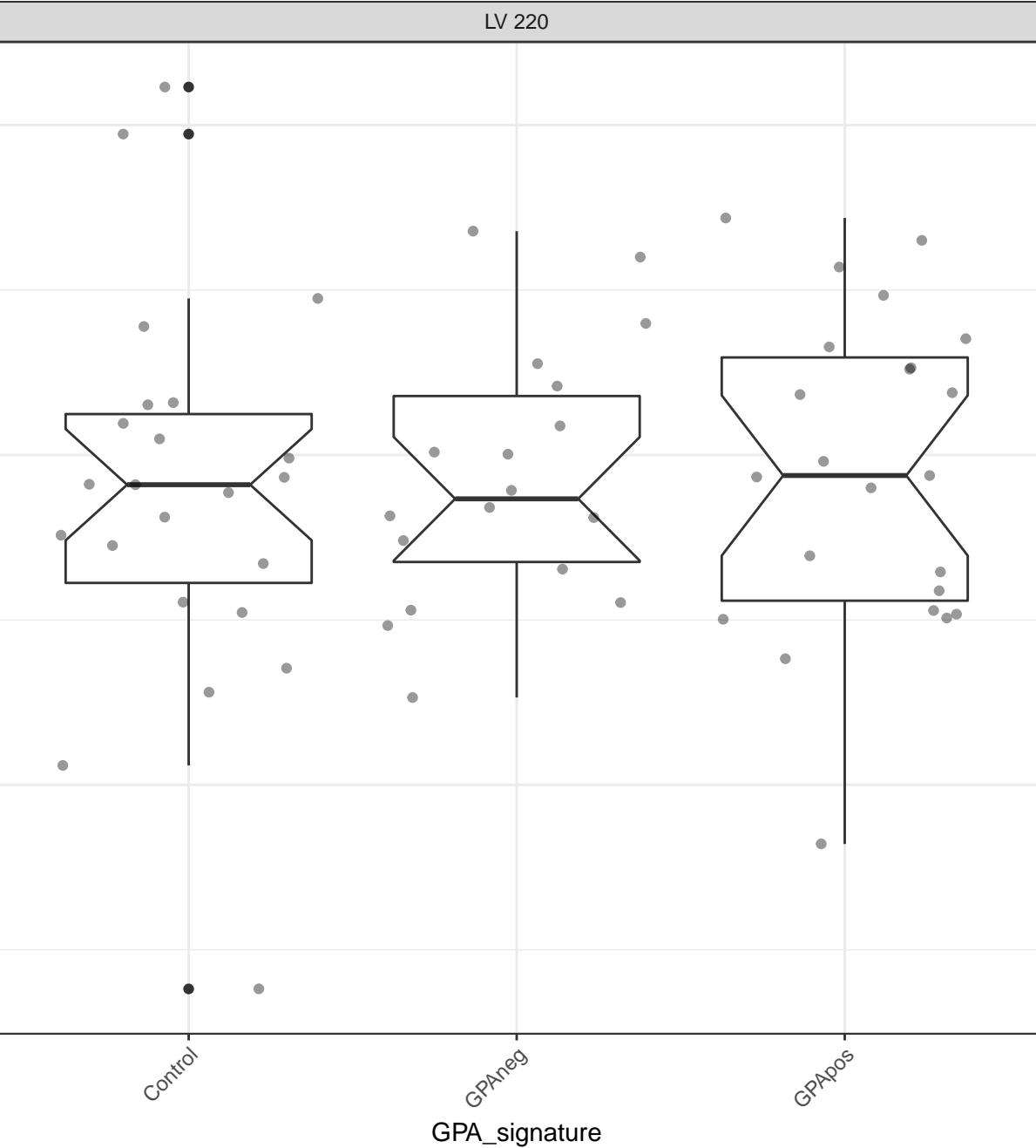
-0.05

Control

GPA_signature

GPAneg

GPAPos



LV 221

Value

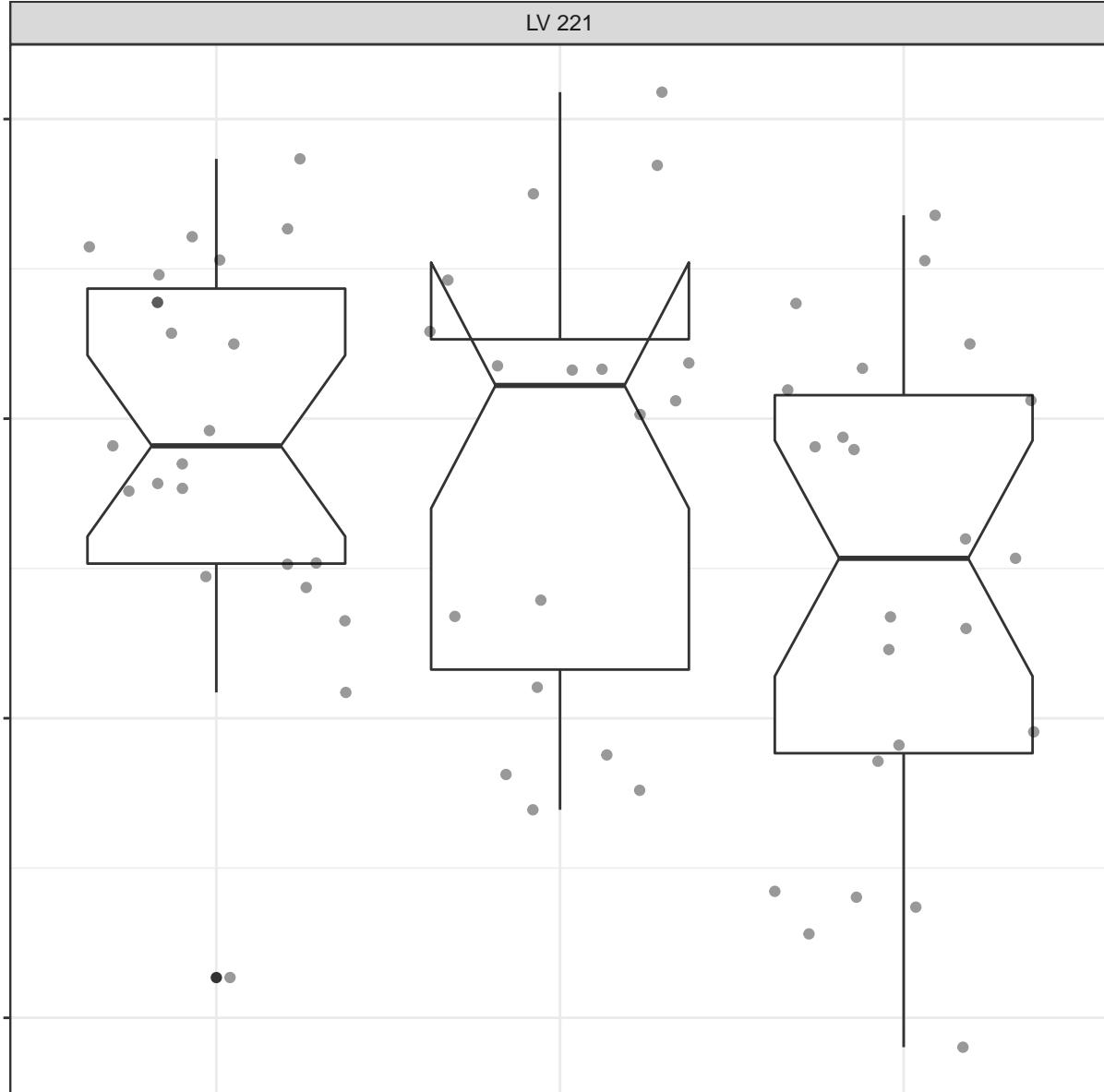
0.050
0.025
0.000
-0.025

Control

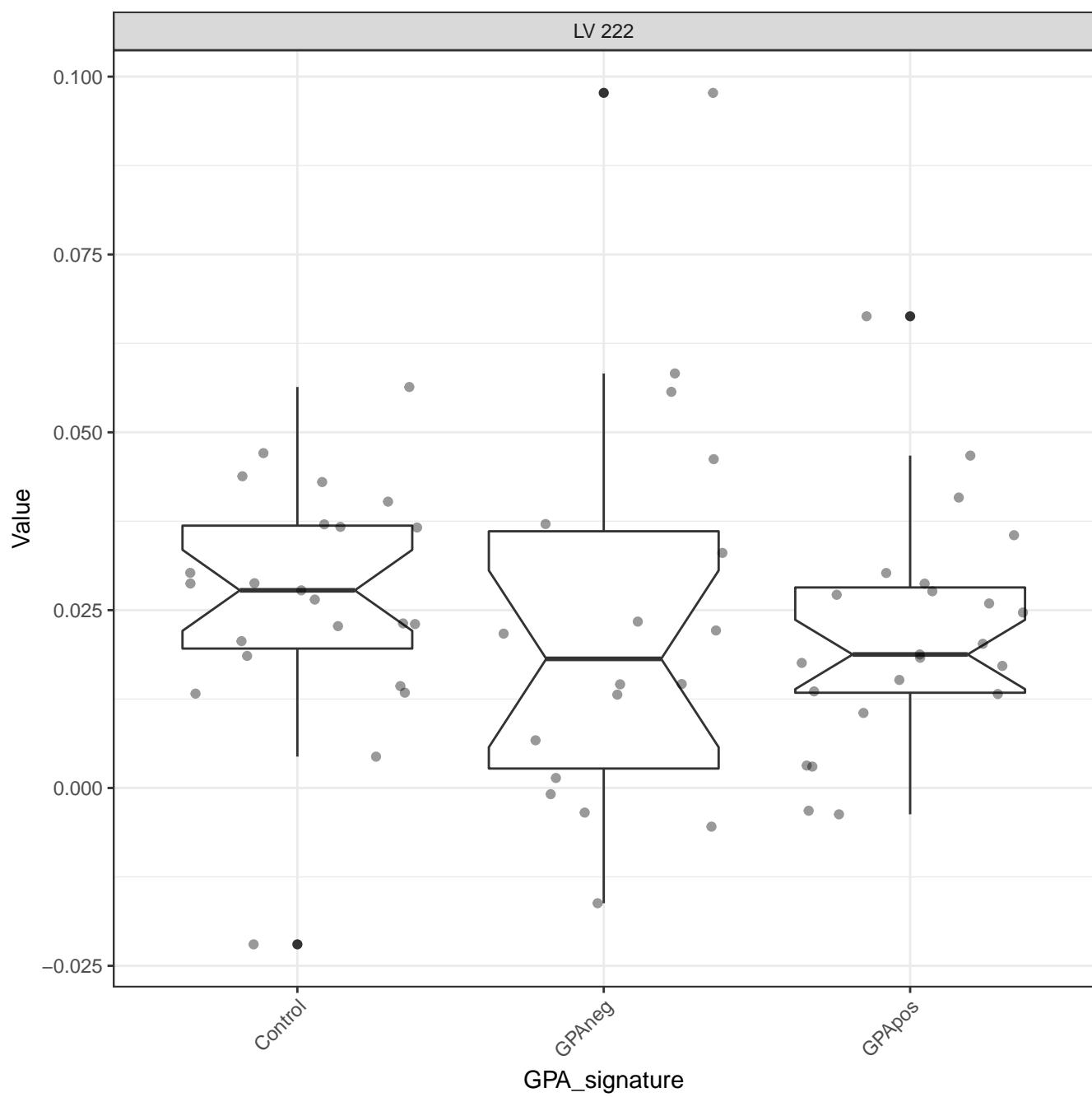
GPAneg

GPAPos

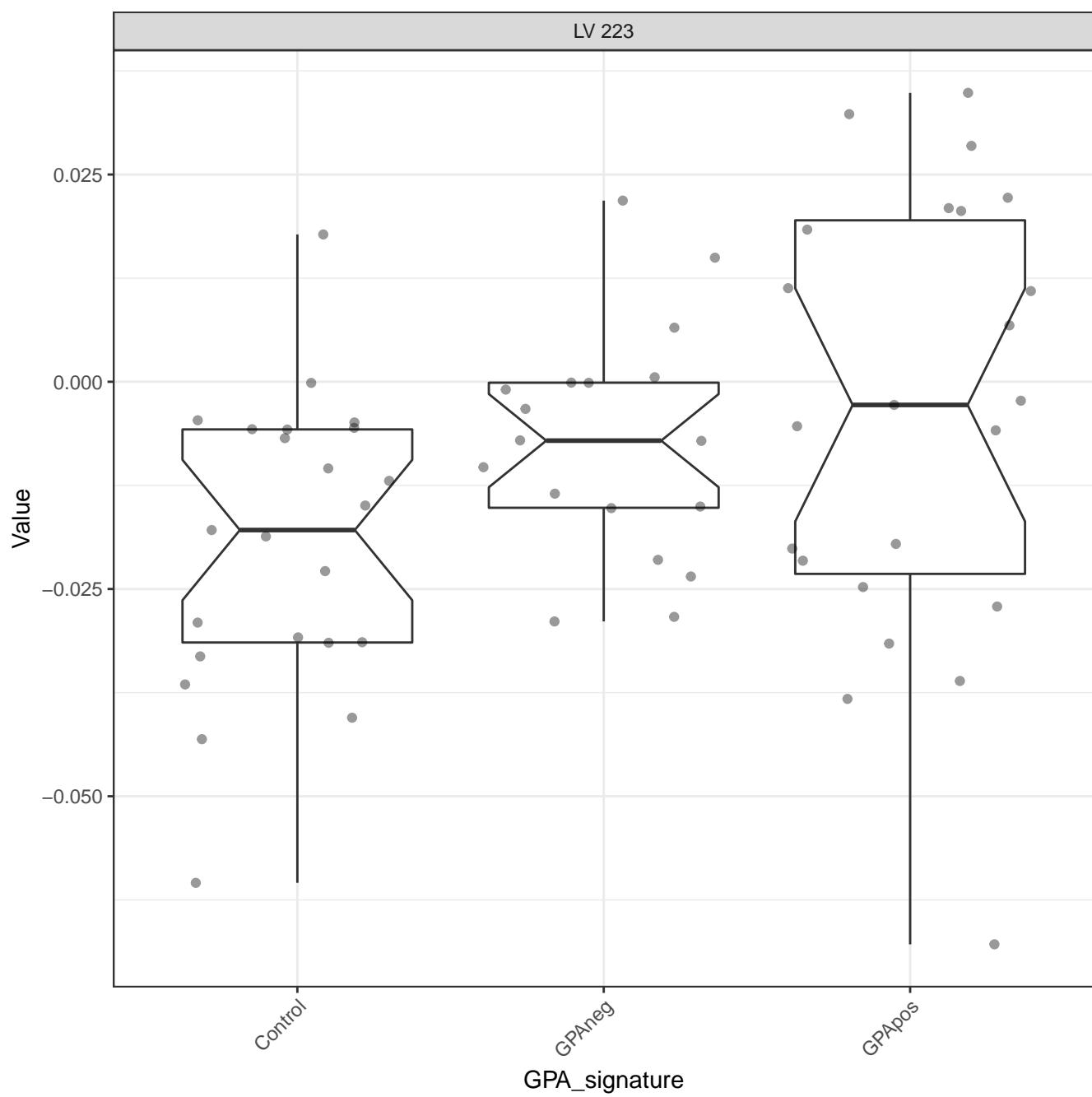
GPA_signature



LV 222



LV 223



LV 224

Value

0.00

-0.02

-0.04

-0.06

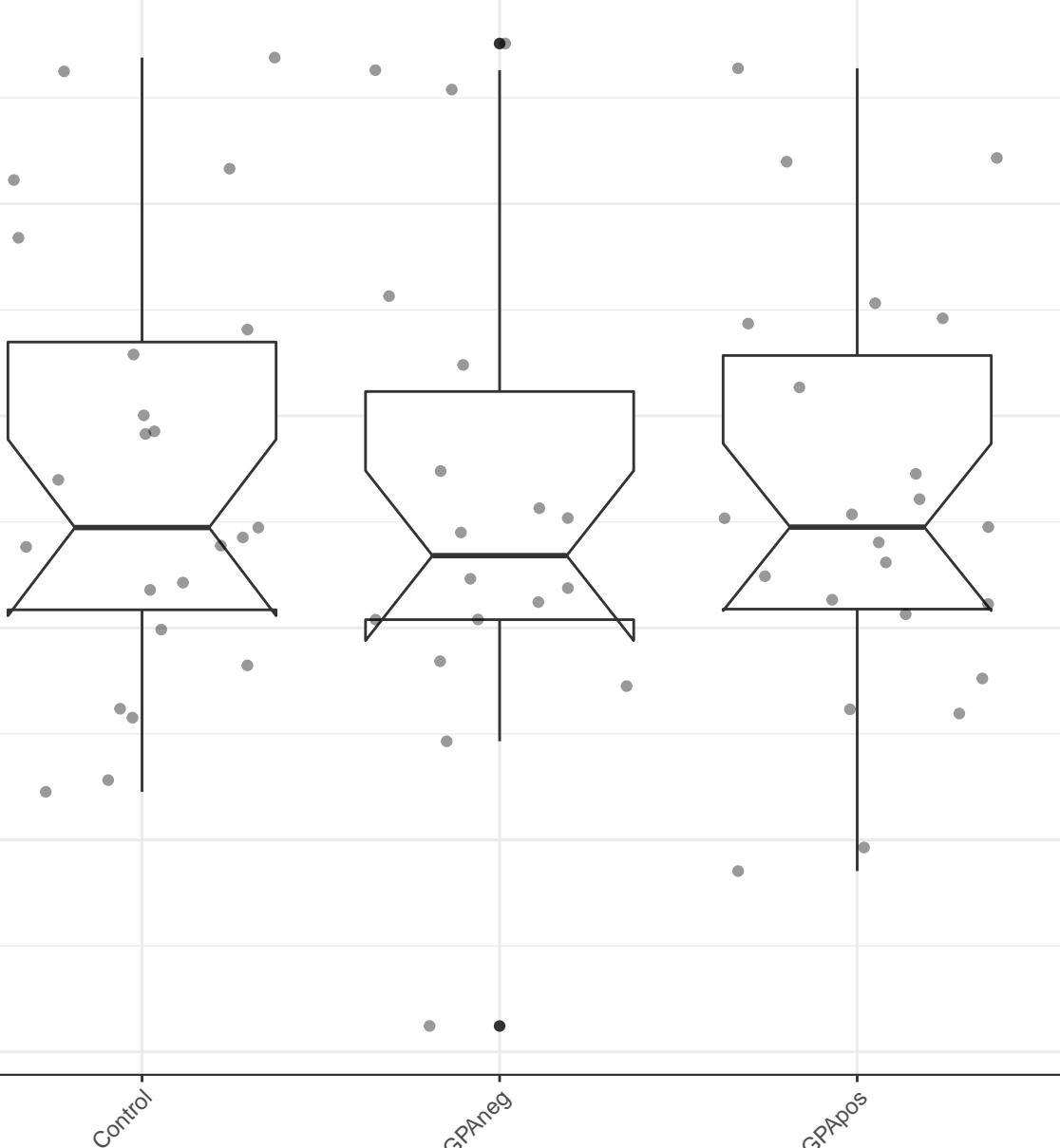
-0.08

Control

GPA_signature

GPAneg

GPAPos



LV 225

Value

0.050

0.025

0.000

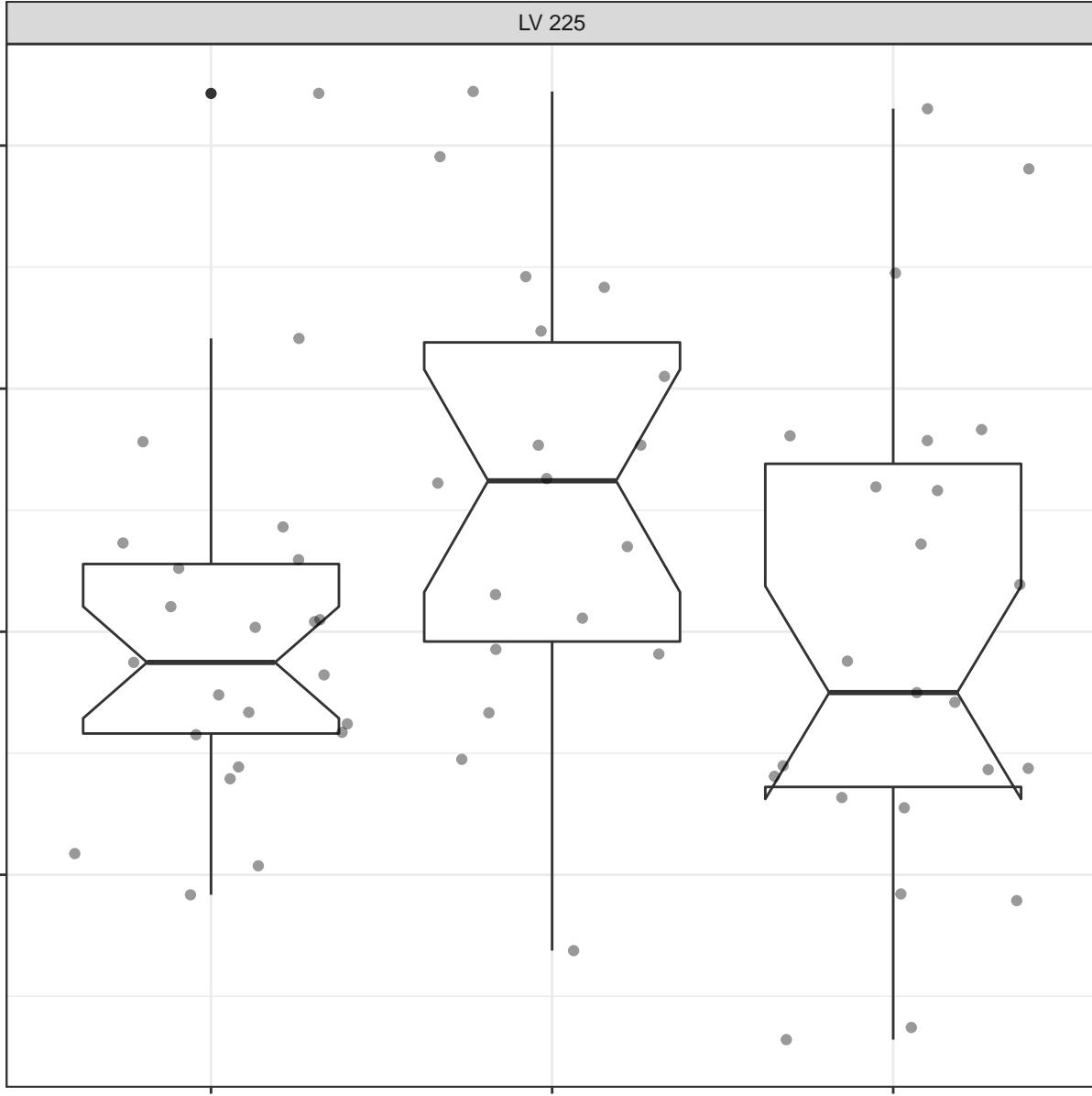
-0.025

Control

GPA_signature

GPAneg

GPAPos



LV 226

Value

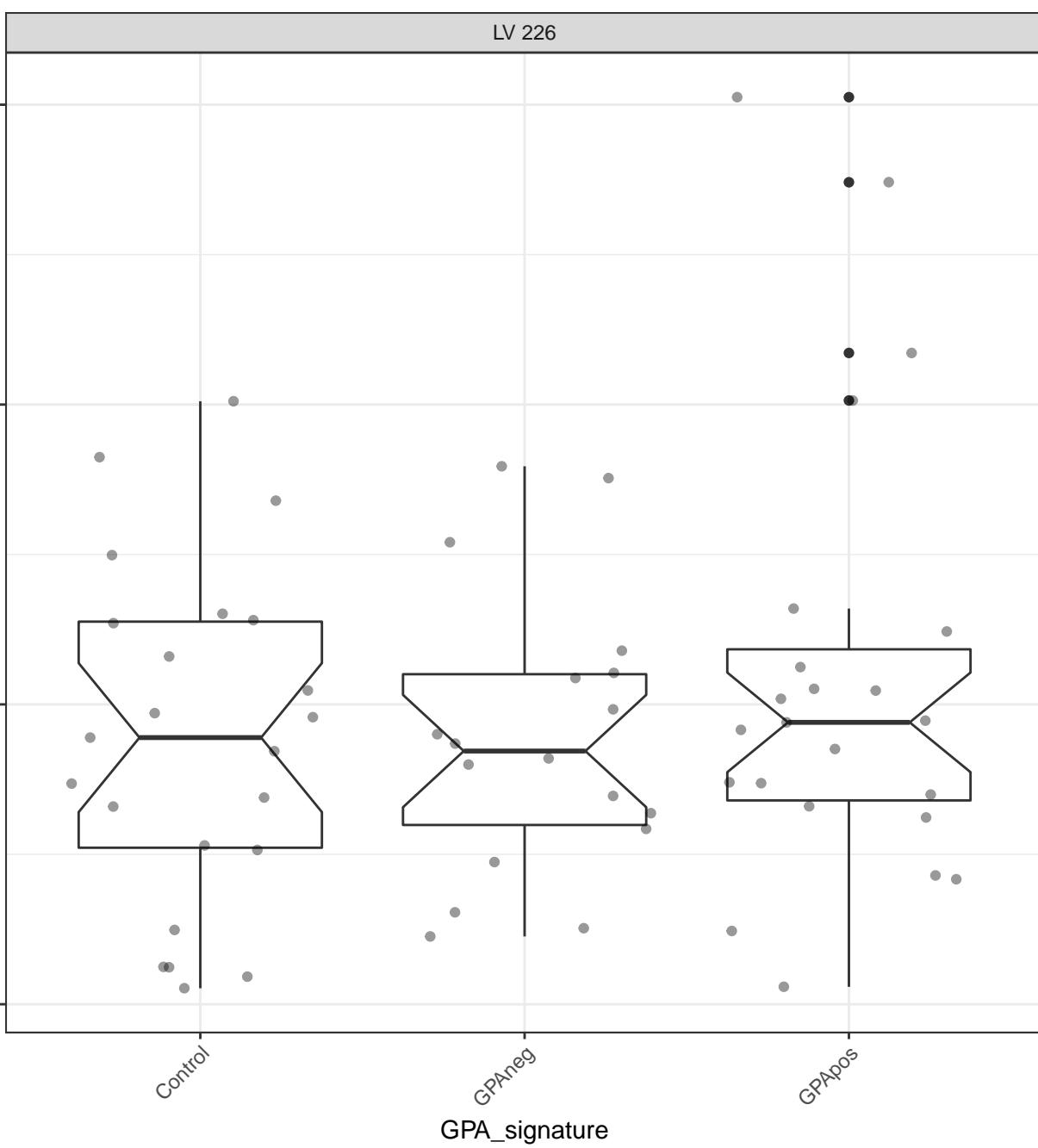
0.04
0.00
-0.04
-0.08

Control

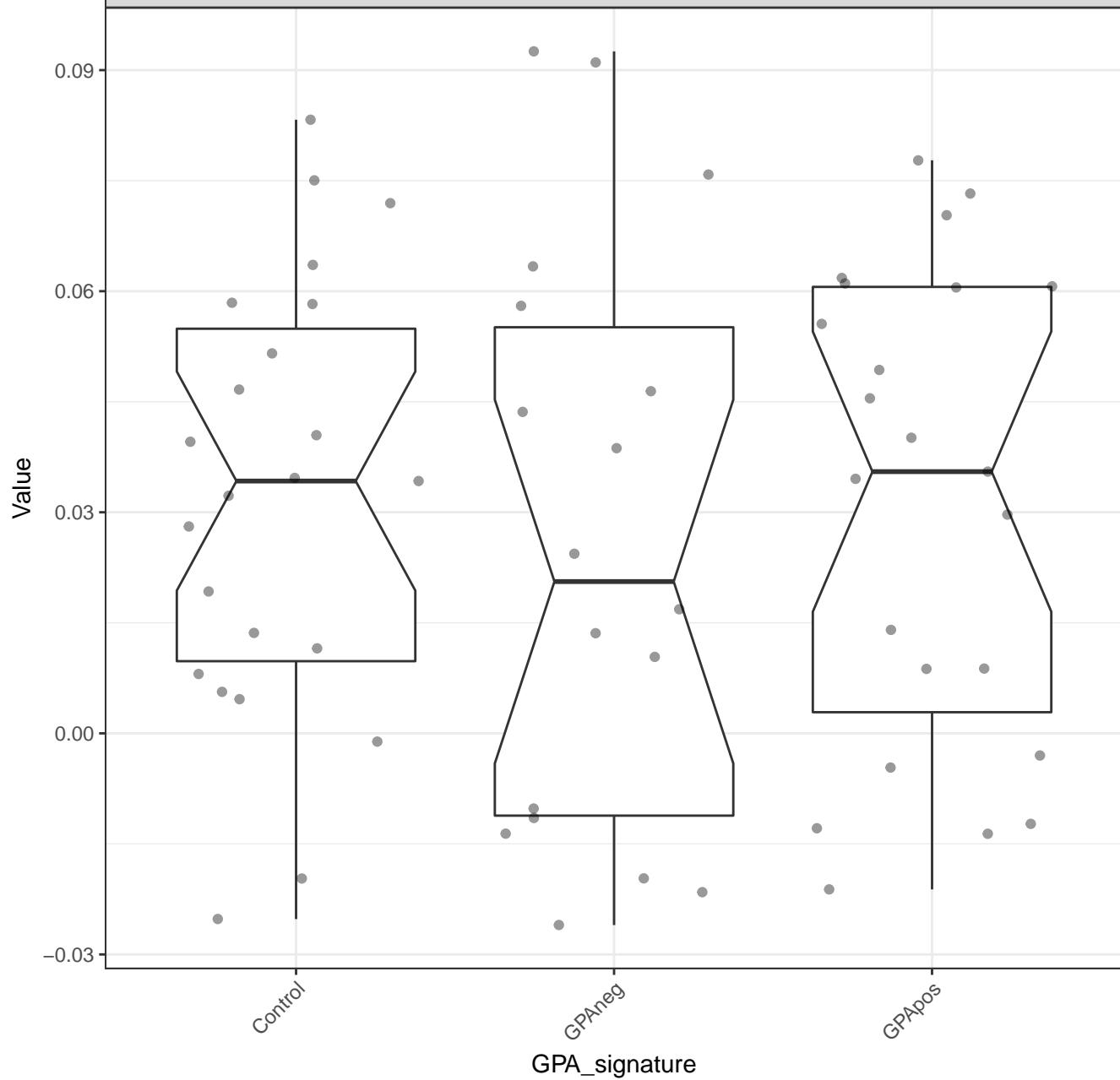
GPAneg

GPAPos

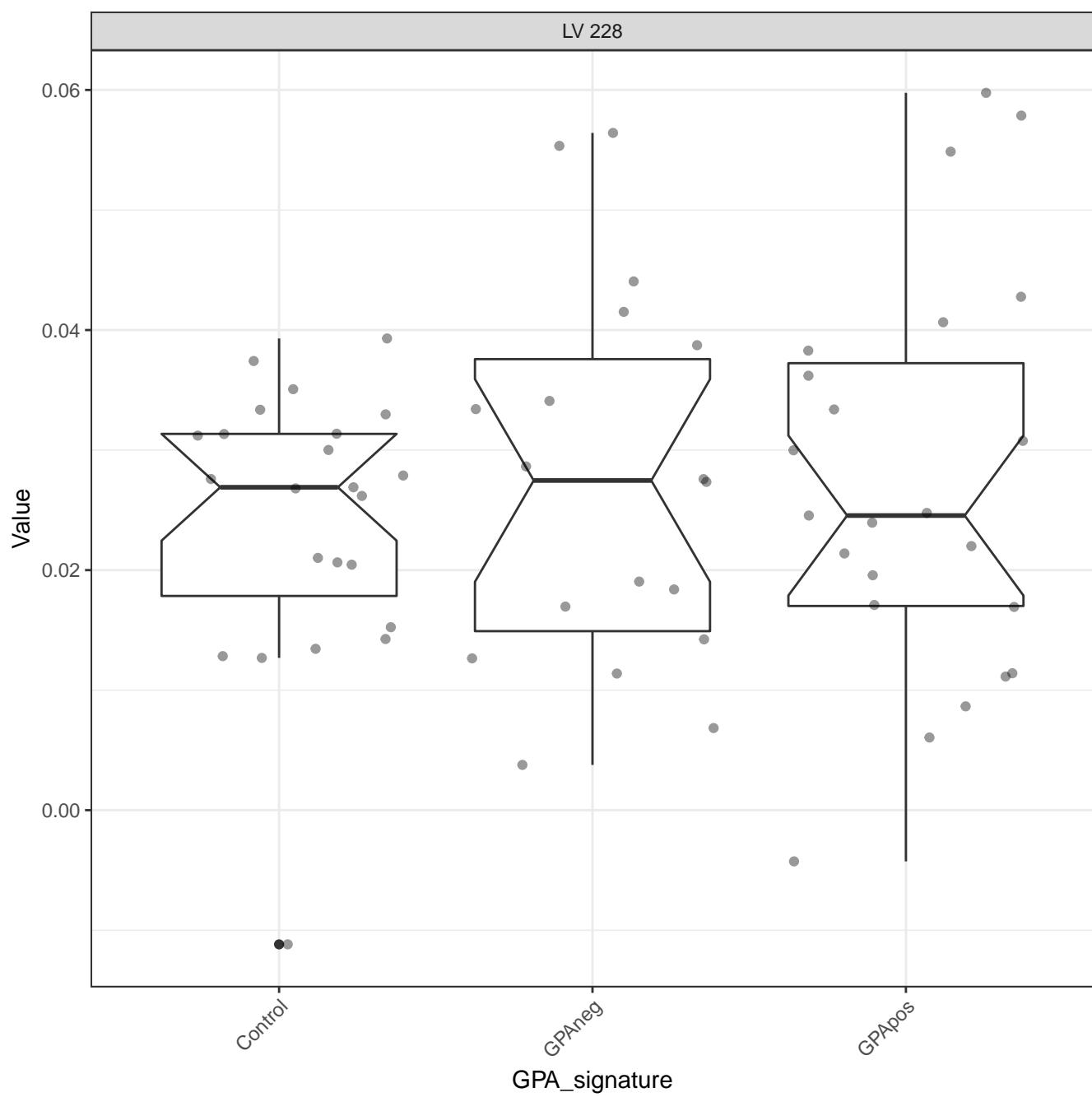
GPA_signature



LV 227



LV 228



Value

0.03

0.00

-0.03

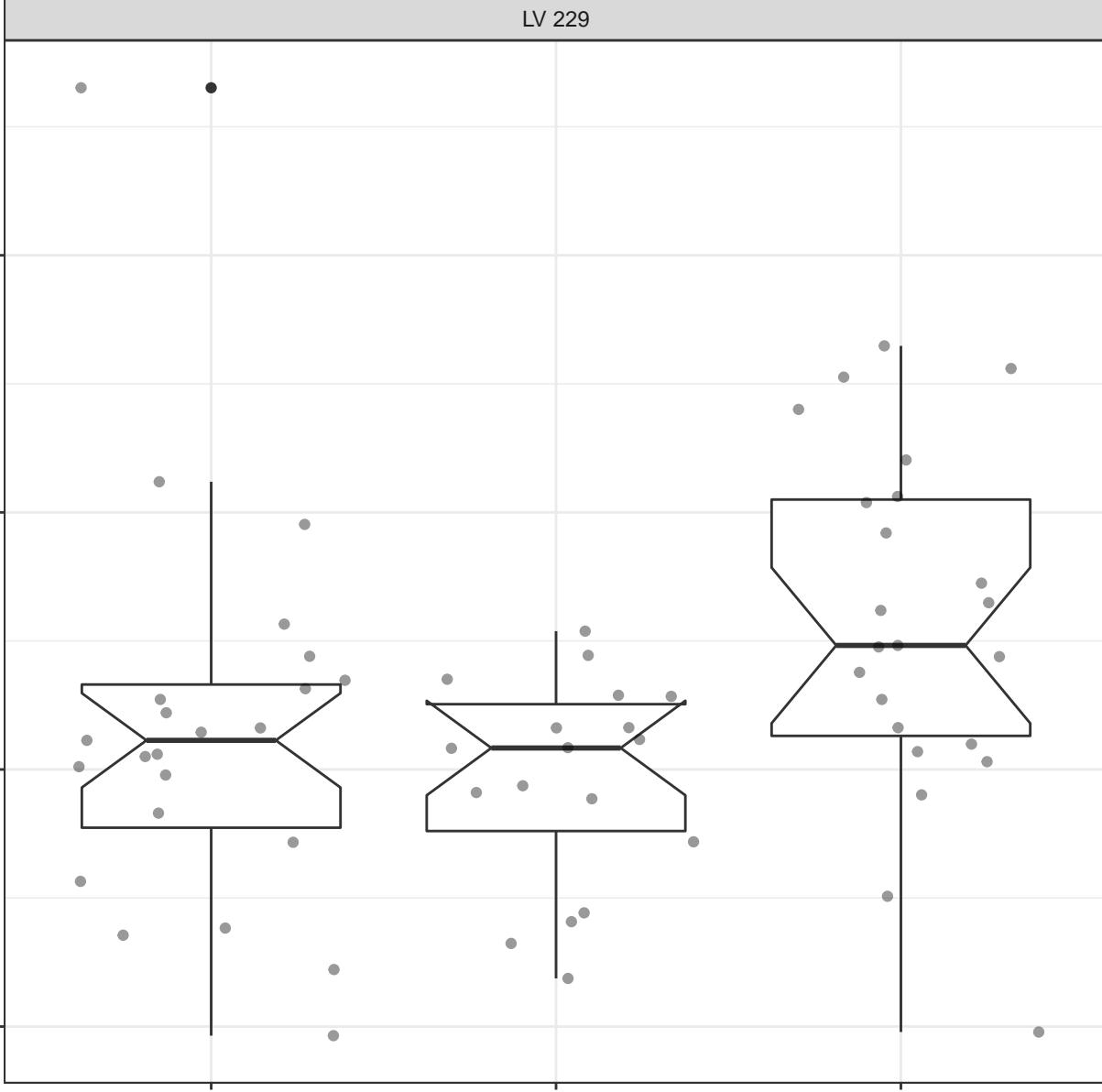
-0.06

Control

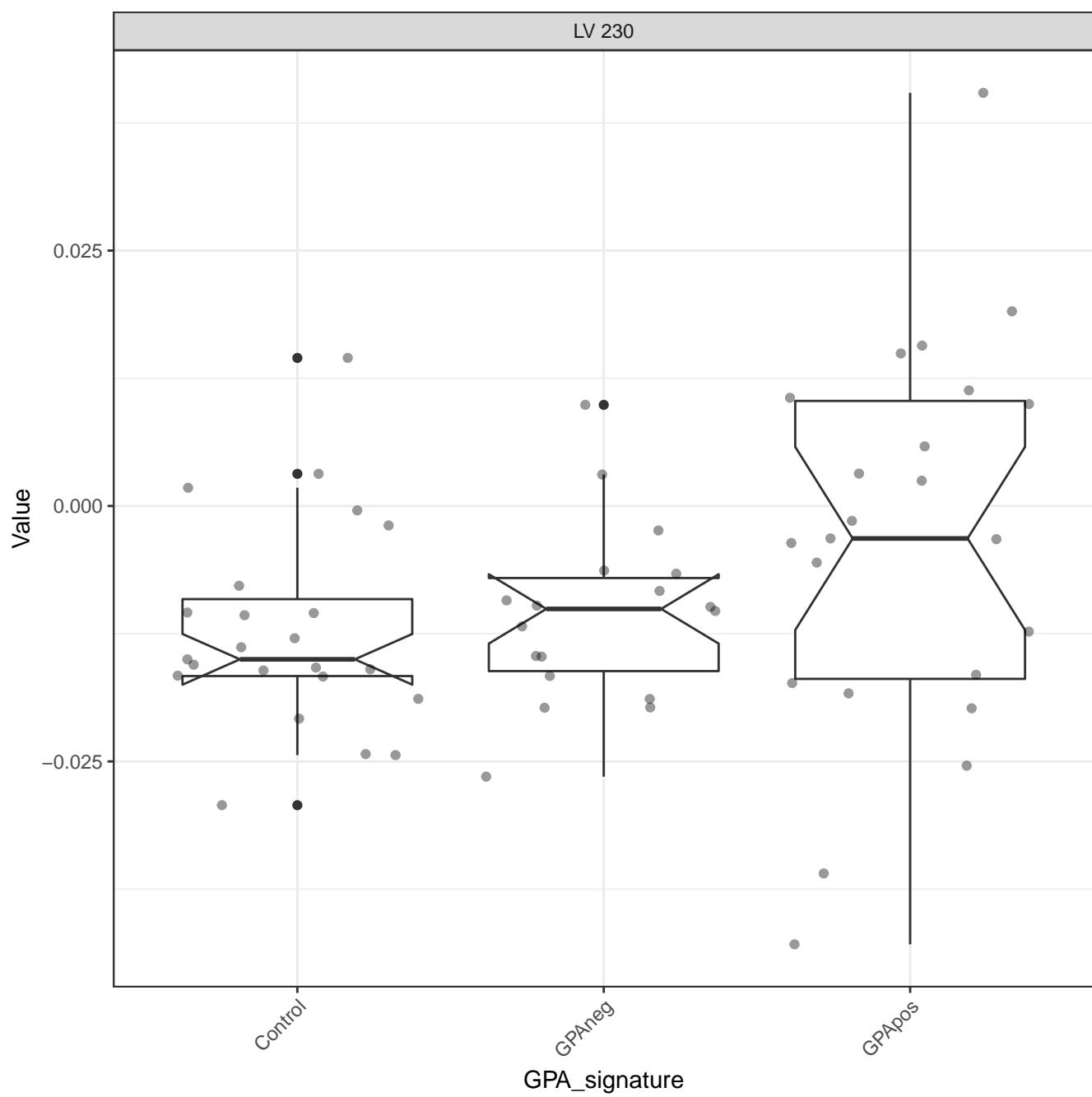
GPA_signature

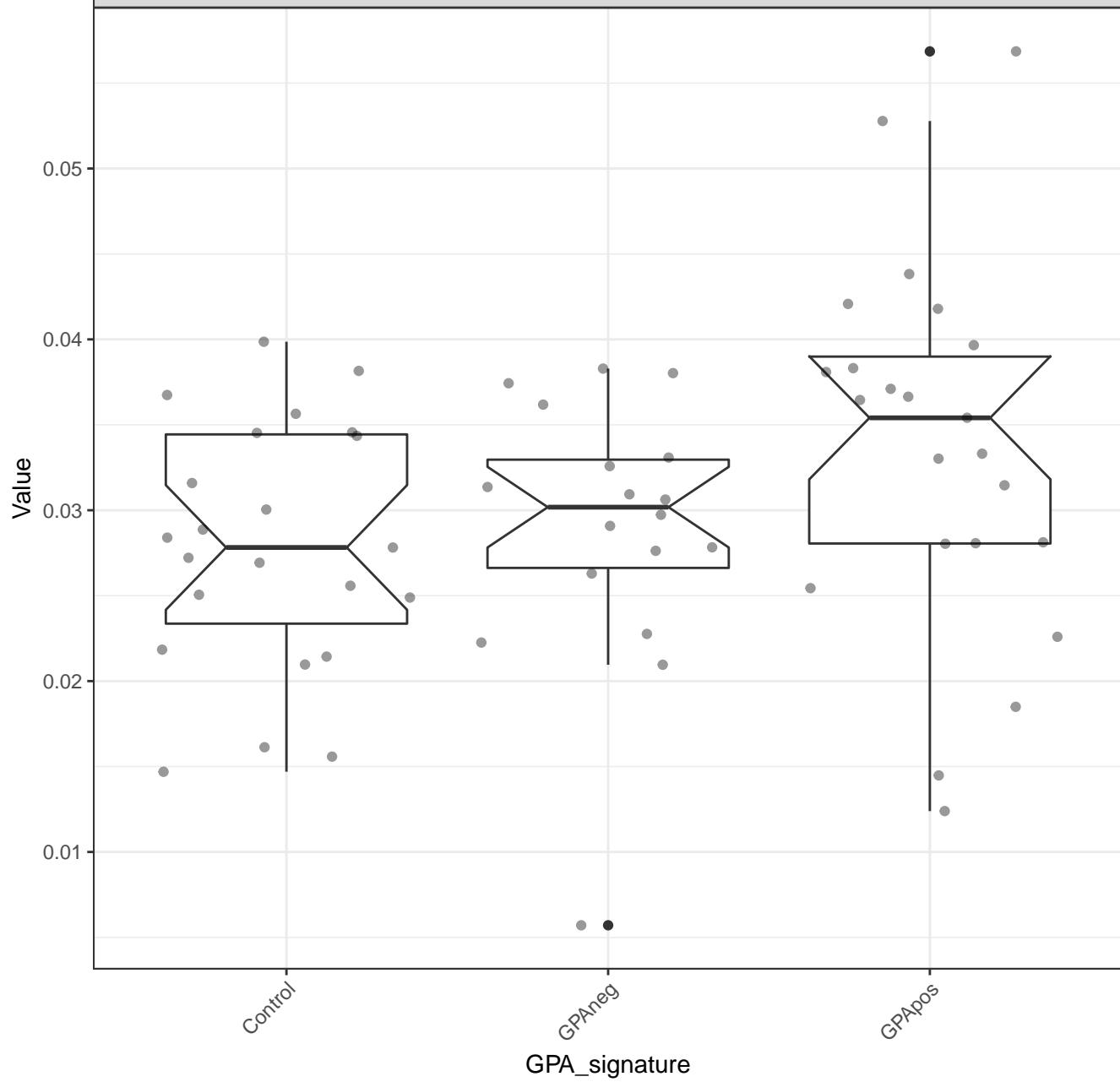
GPAneg

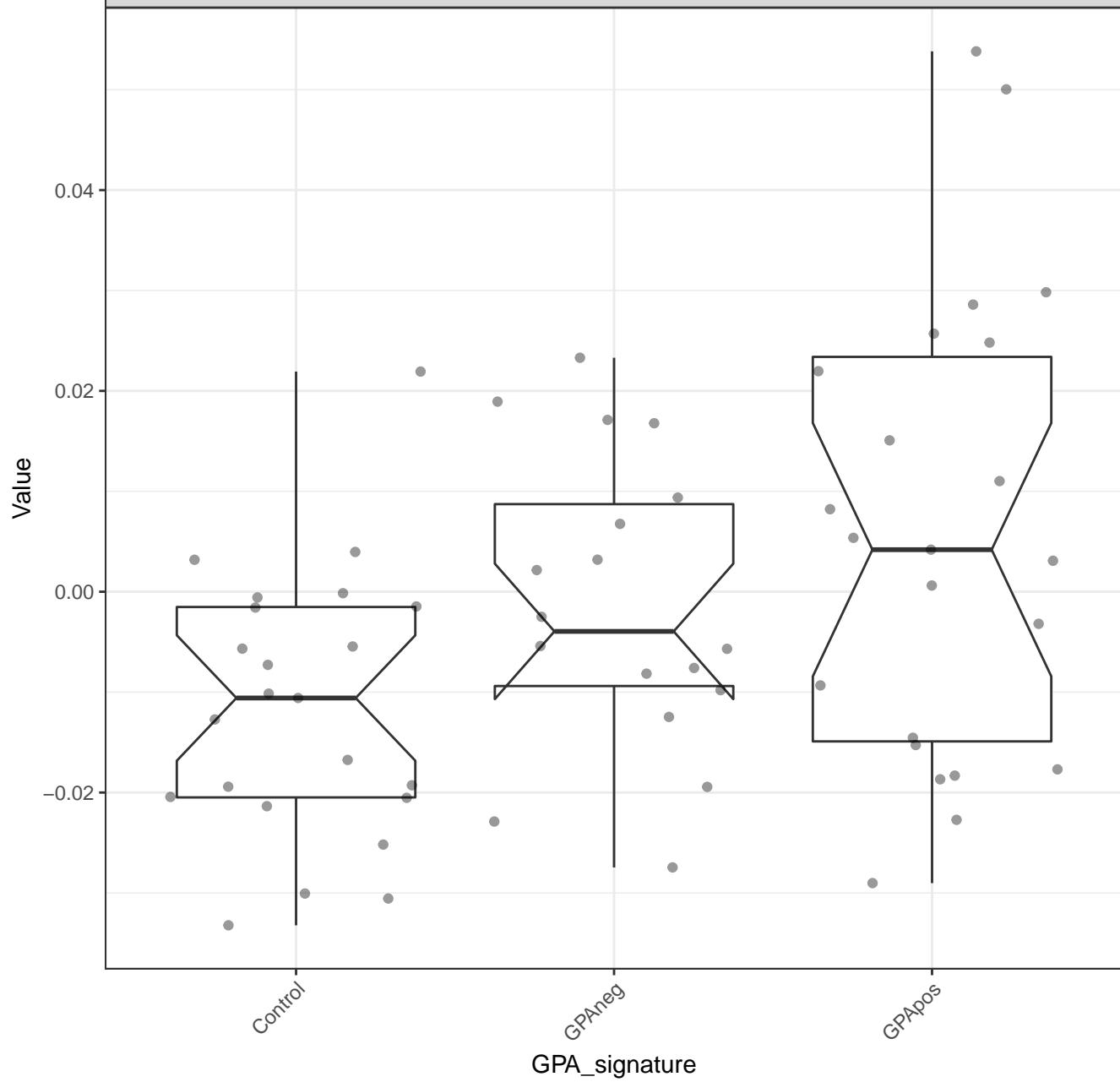
GPAPos



LV 230

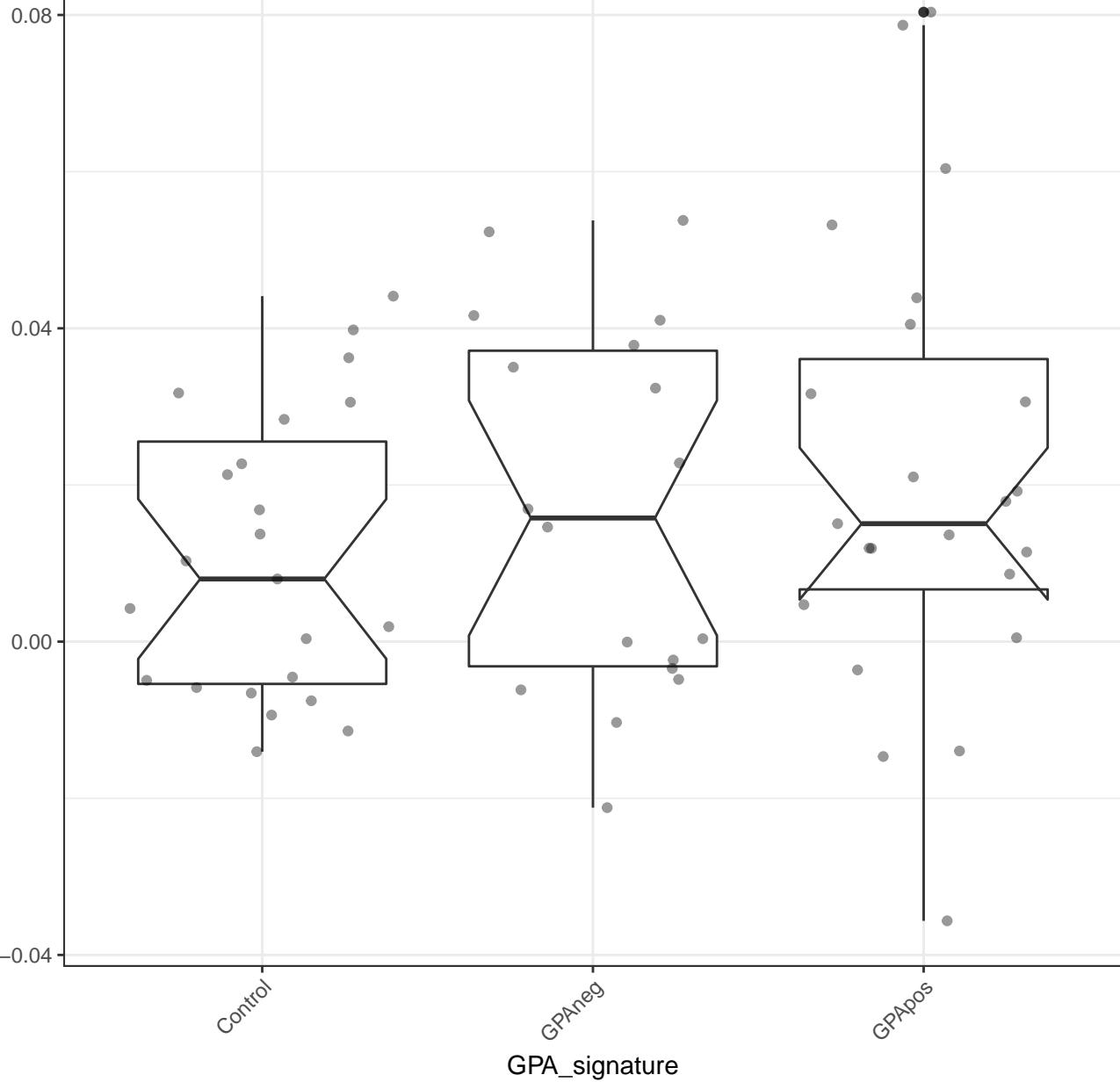




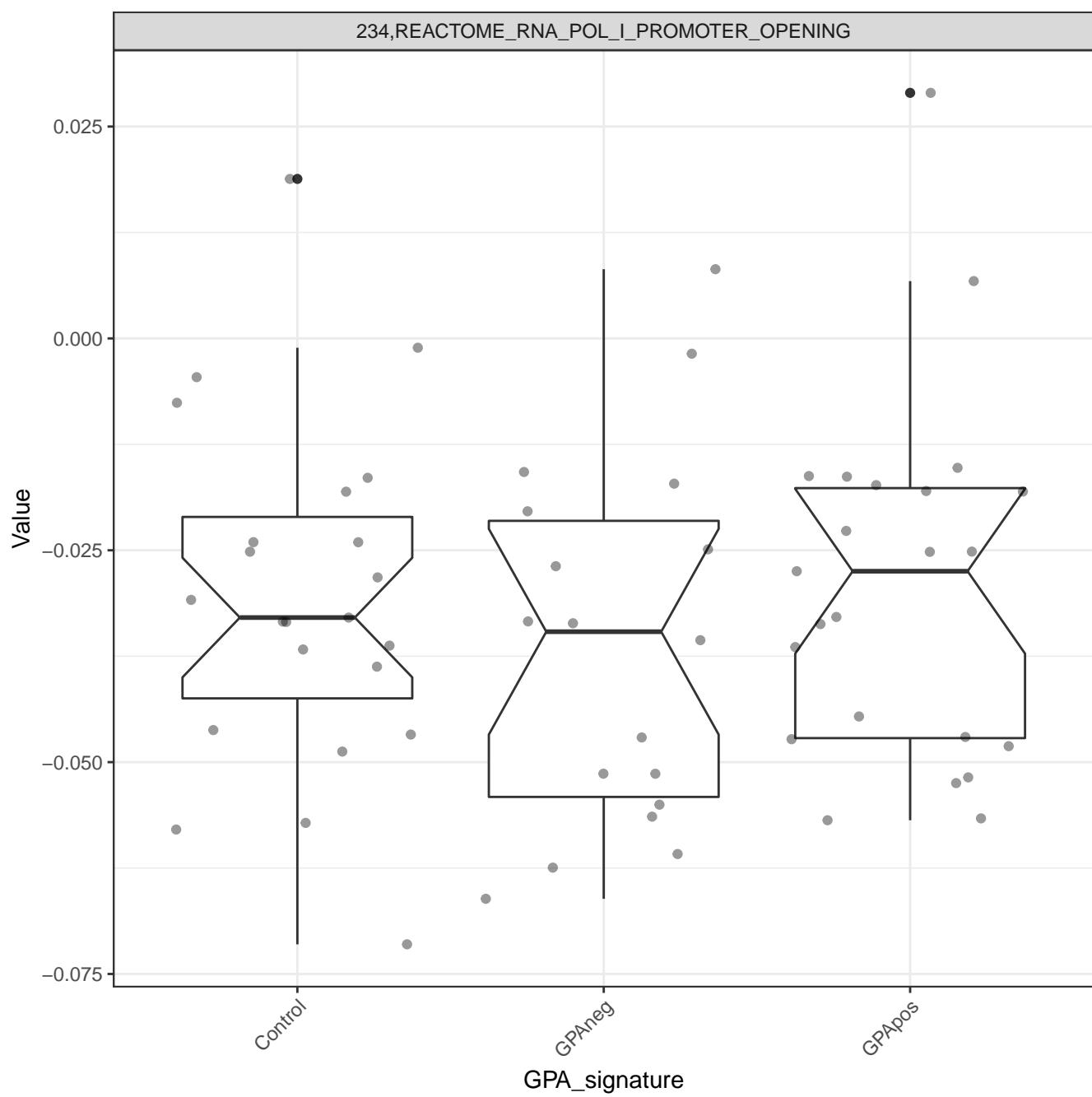


LV 233

Value



234,REACTOME_RNA_POL_I_PROMOTER_OPENING



LV 235

Value

0.050

0.025

0.000

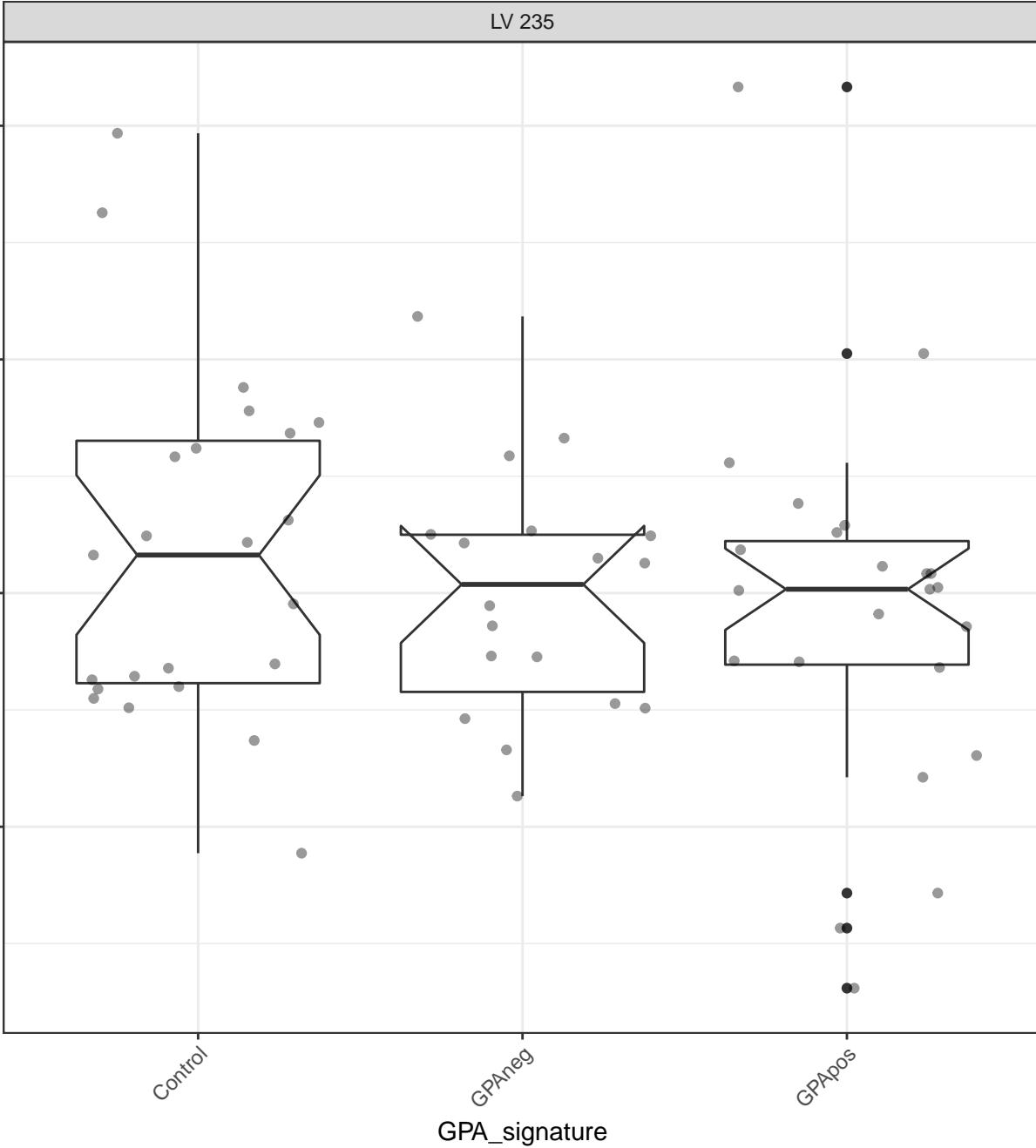
-0.025

Control

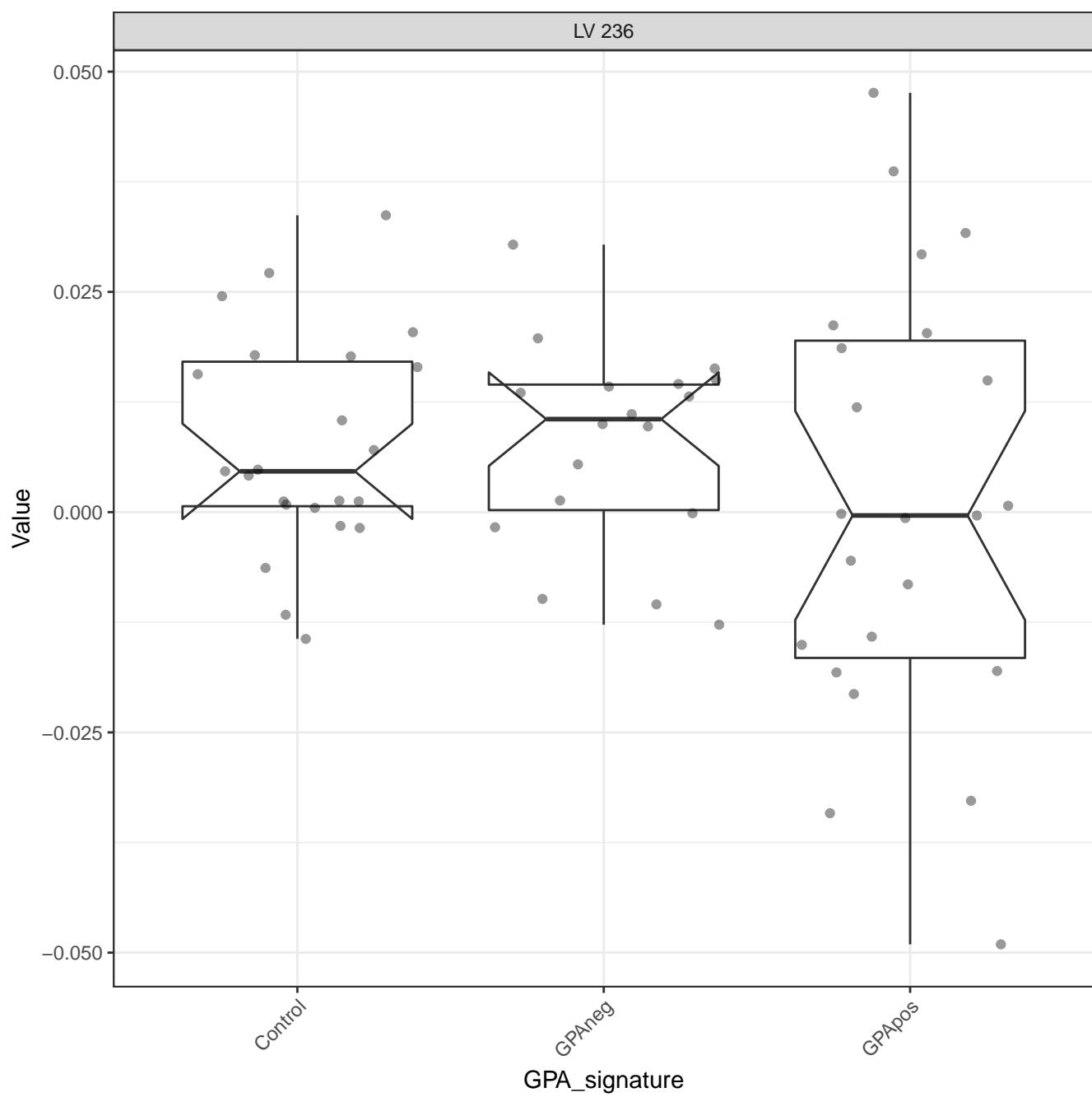
GPAneg

GPAPos

GPA_signature



LV 236



LV 237

Value

0.06

0.04

0.02

0.00

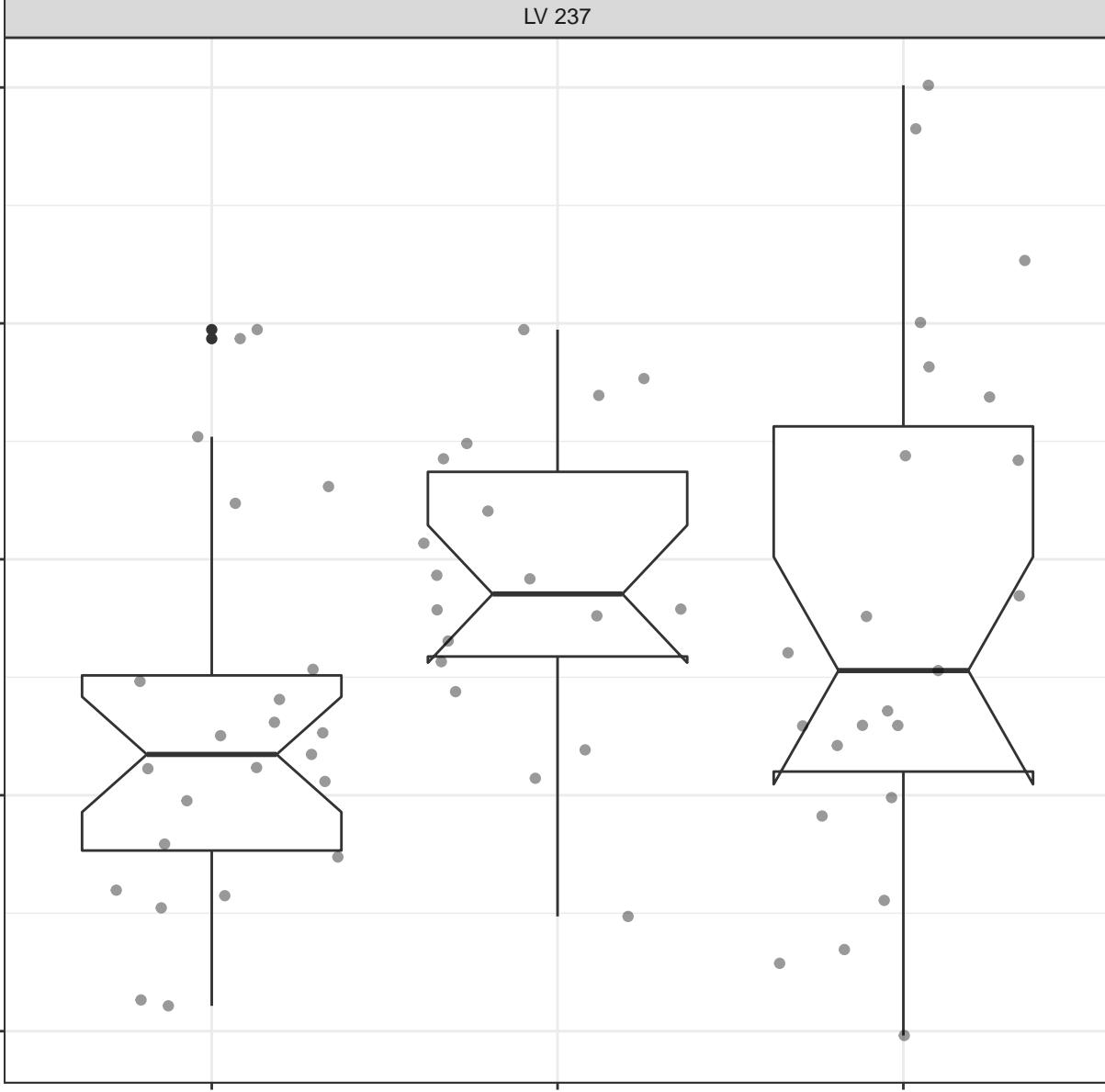
-0.02

Control

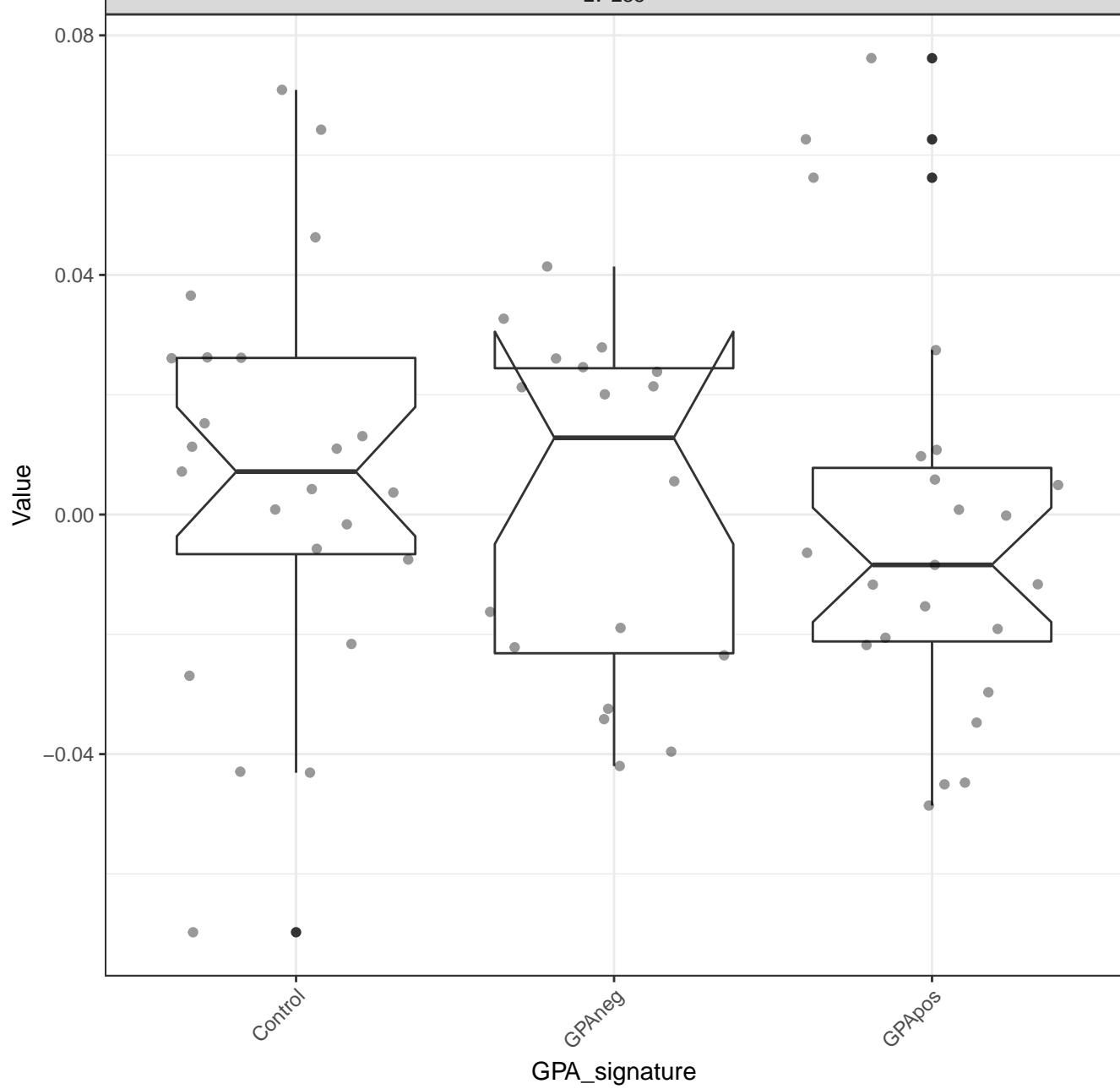
GPA_signature

GPAneg

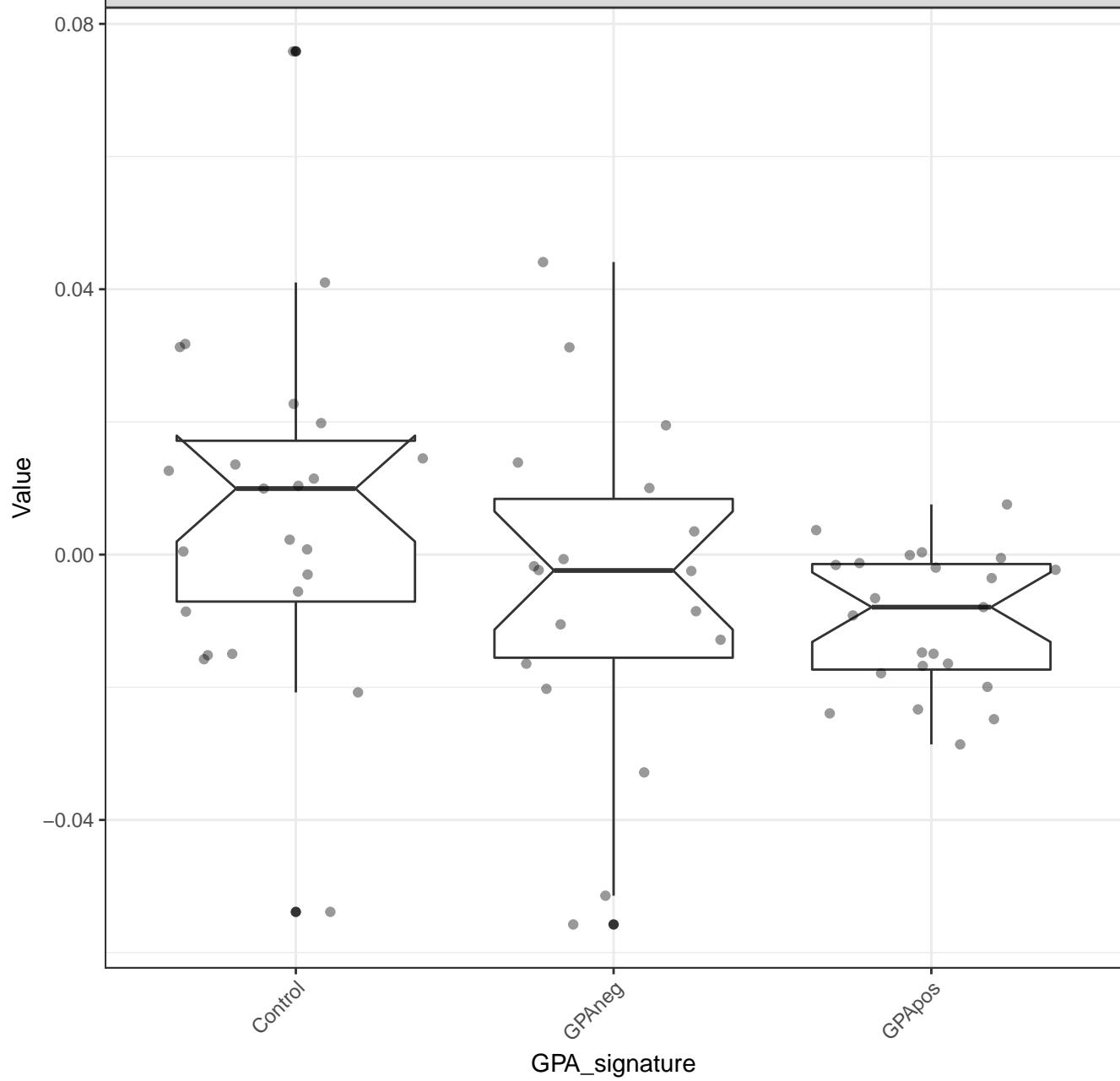
GPApos



LV 238



LV 239



Value

0.075

0.050

0.025

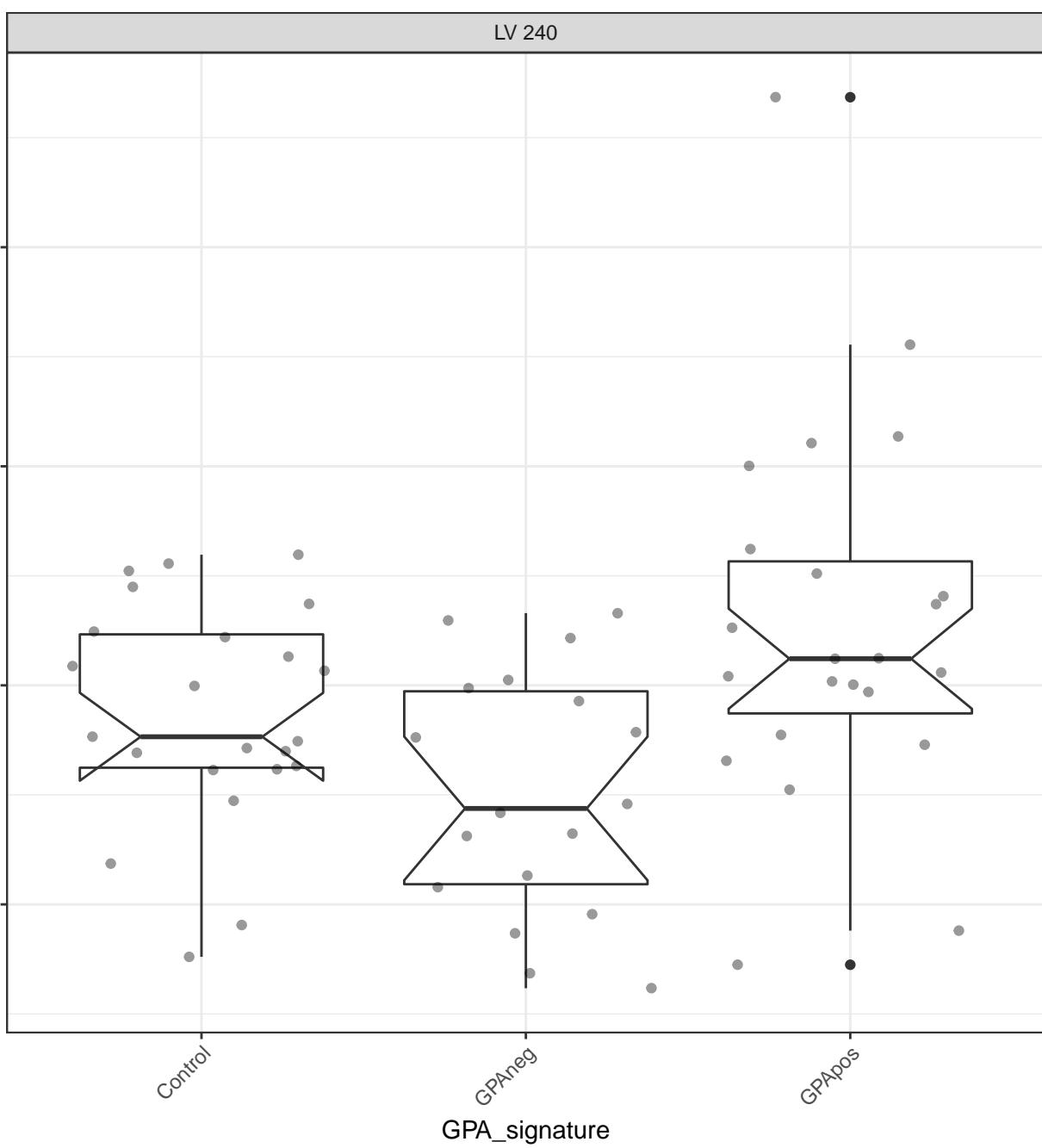
0.000

Control

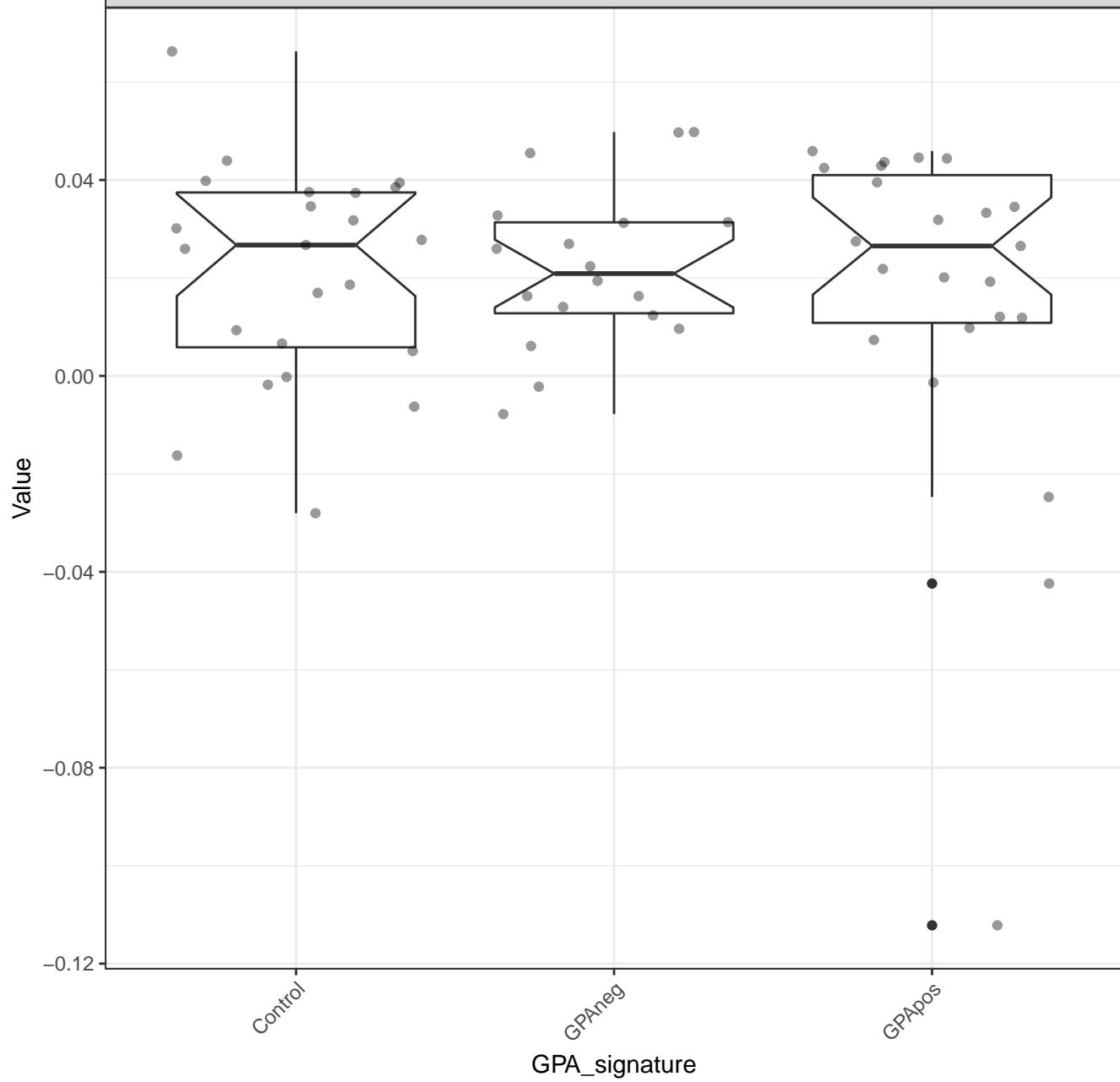
GPAneg

GPAPos

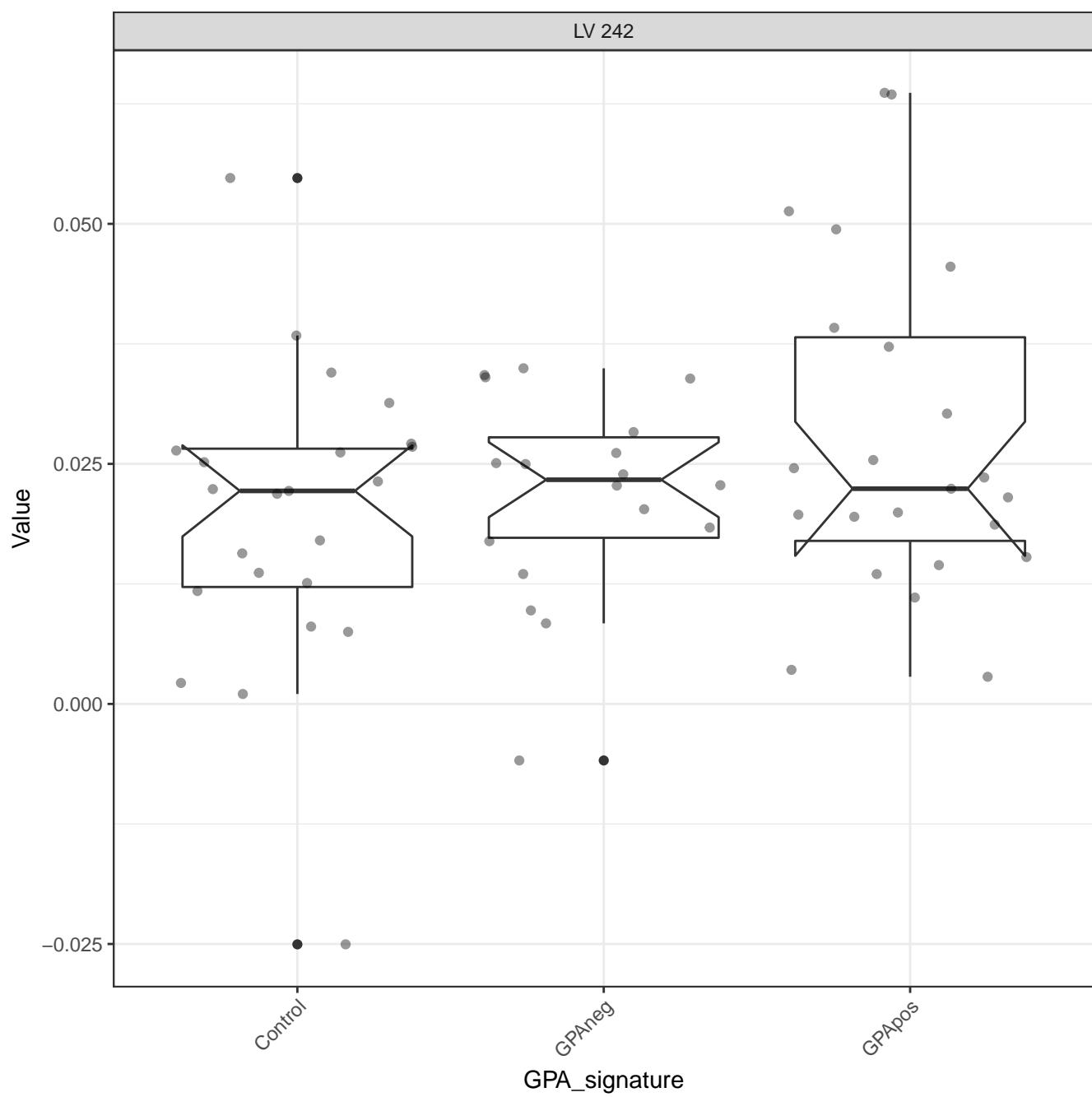
GPA_signature



LV 241



LV 242



Value

0.05

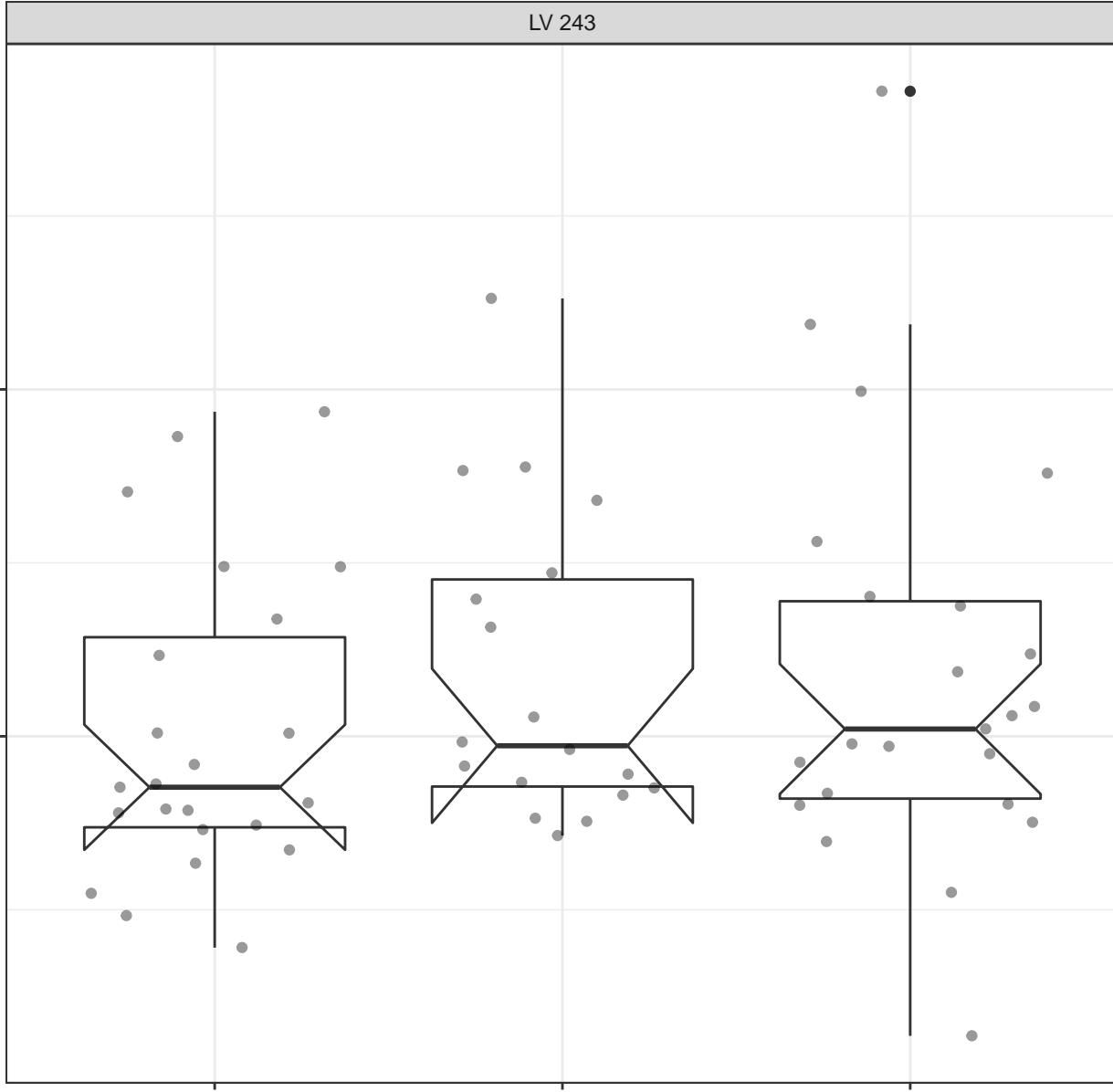
0.00

Control

GPA_signature

GPAneg

GPAPos



LV 244

Value

0.025

0.000

-0.025

-0.050

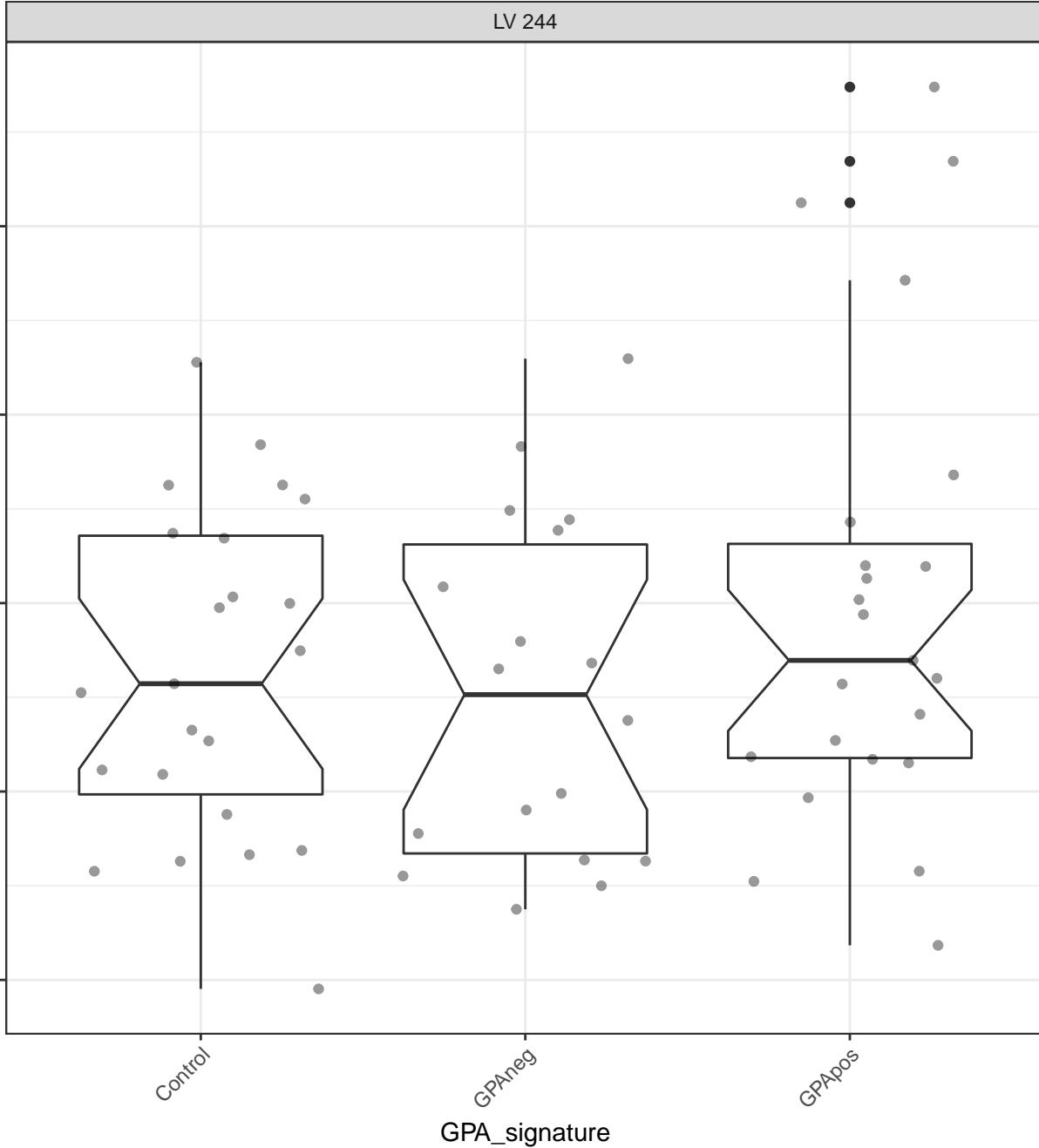
-0.075

Control

GPAneg

GPAPos

GPA_signature



Value

0.00

-0.05

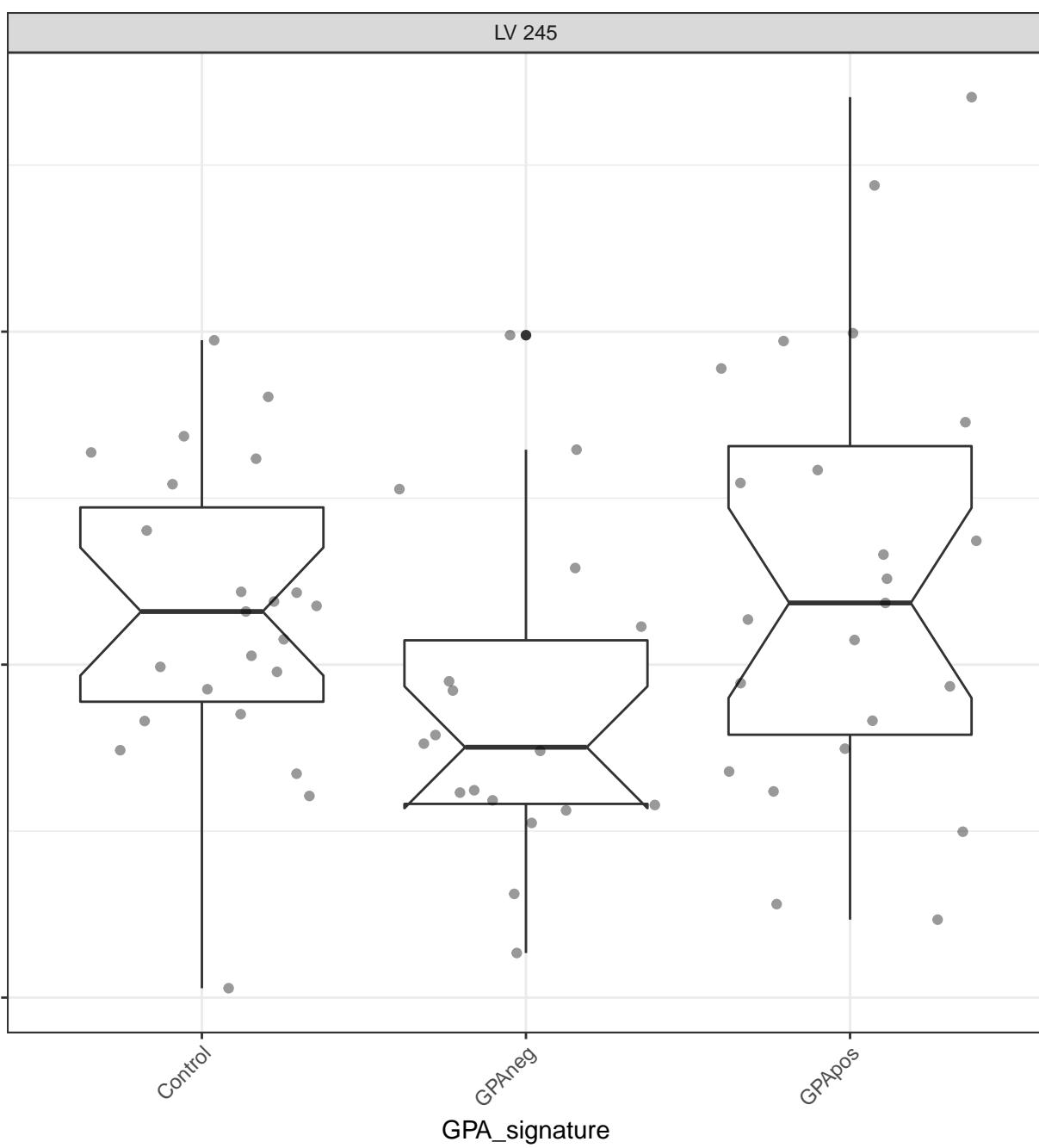
-0.10

Control

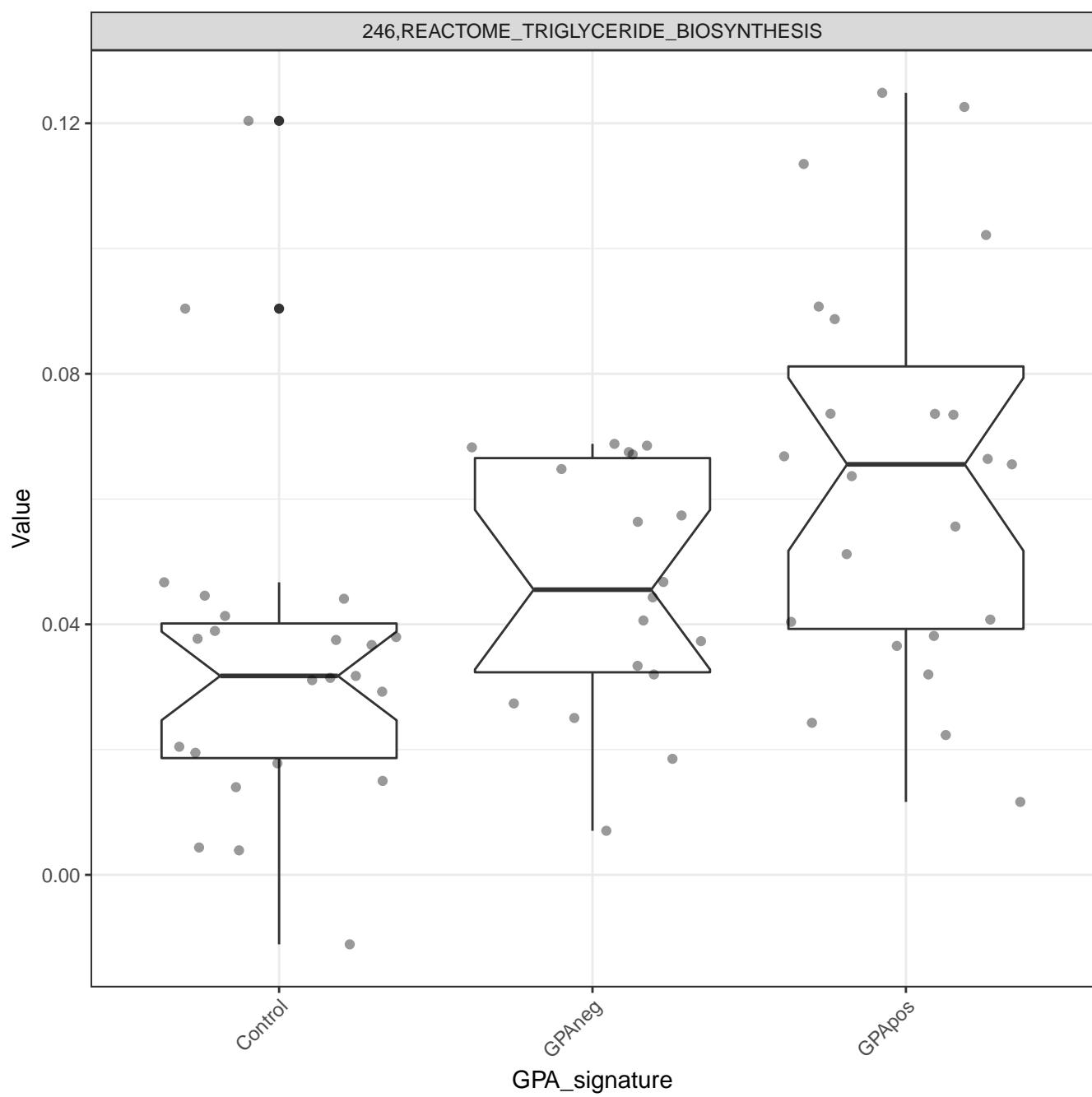
GPAneg

GPAPos

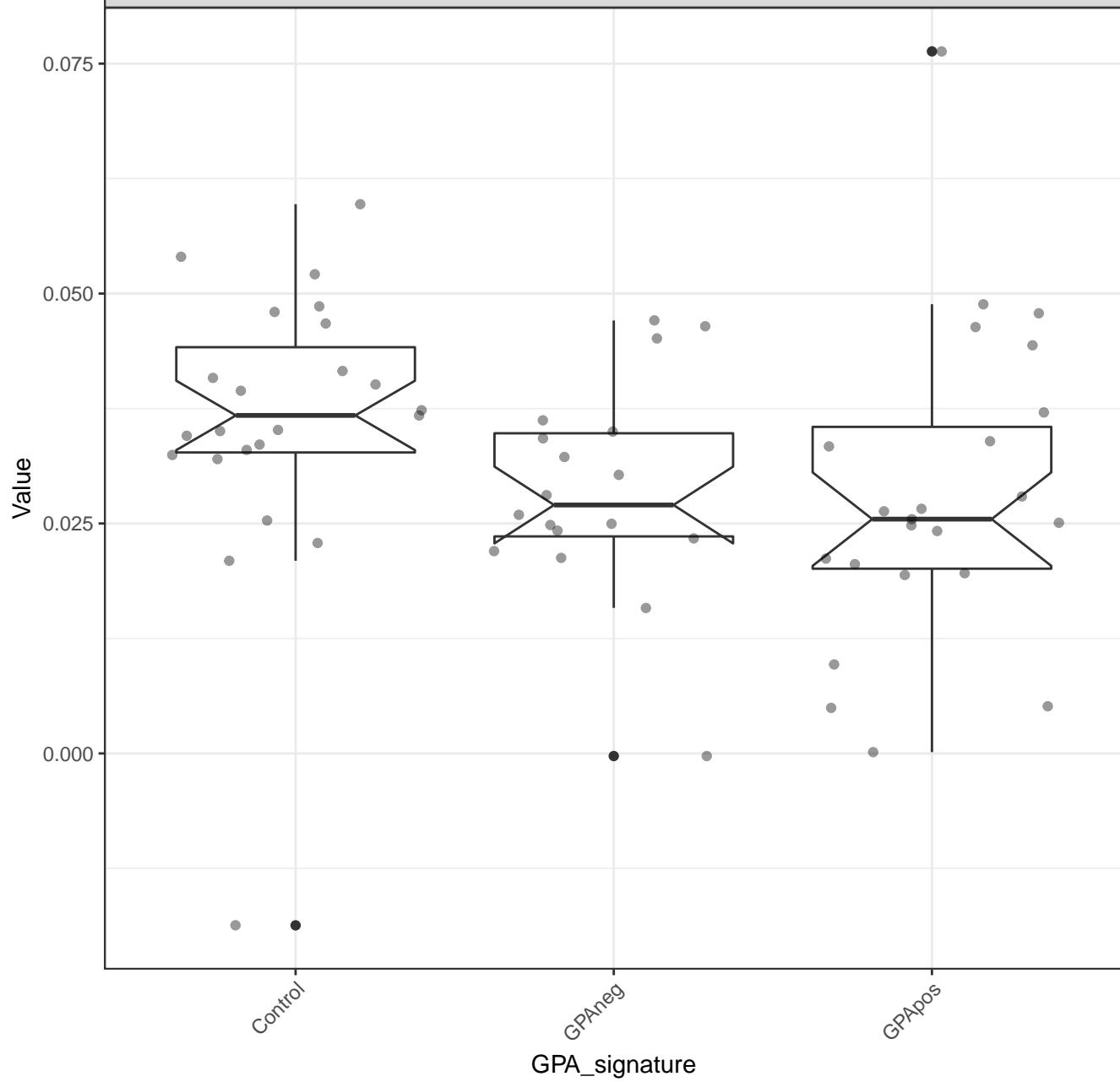
GPA_signature



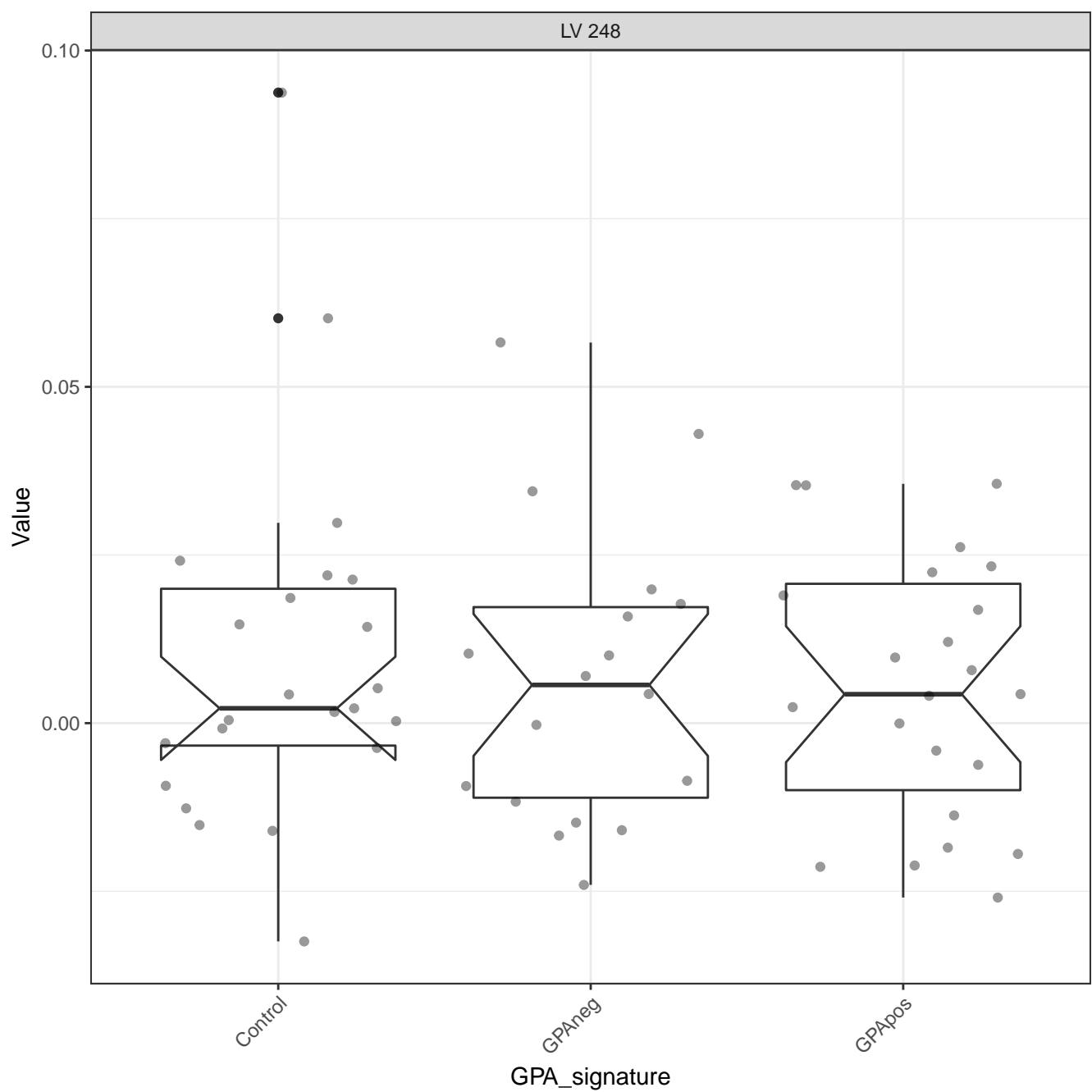
246,REACTOME_TRIGLYCERIDE BIOSYNTHESIS



LV 247

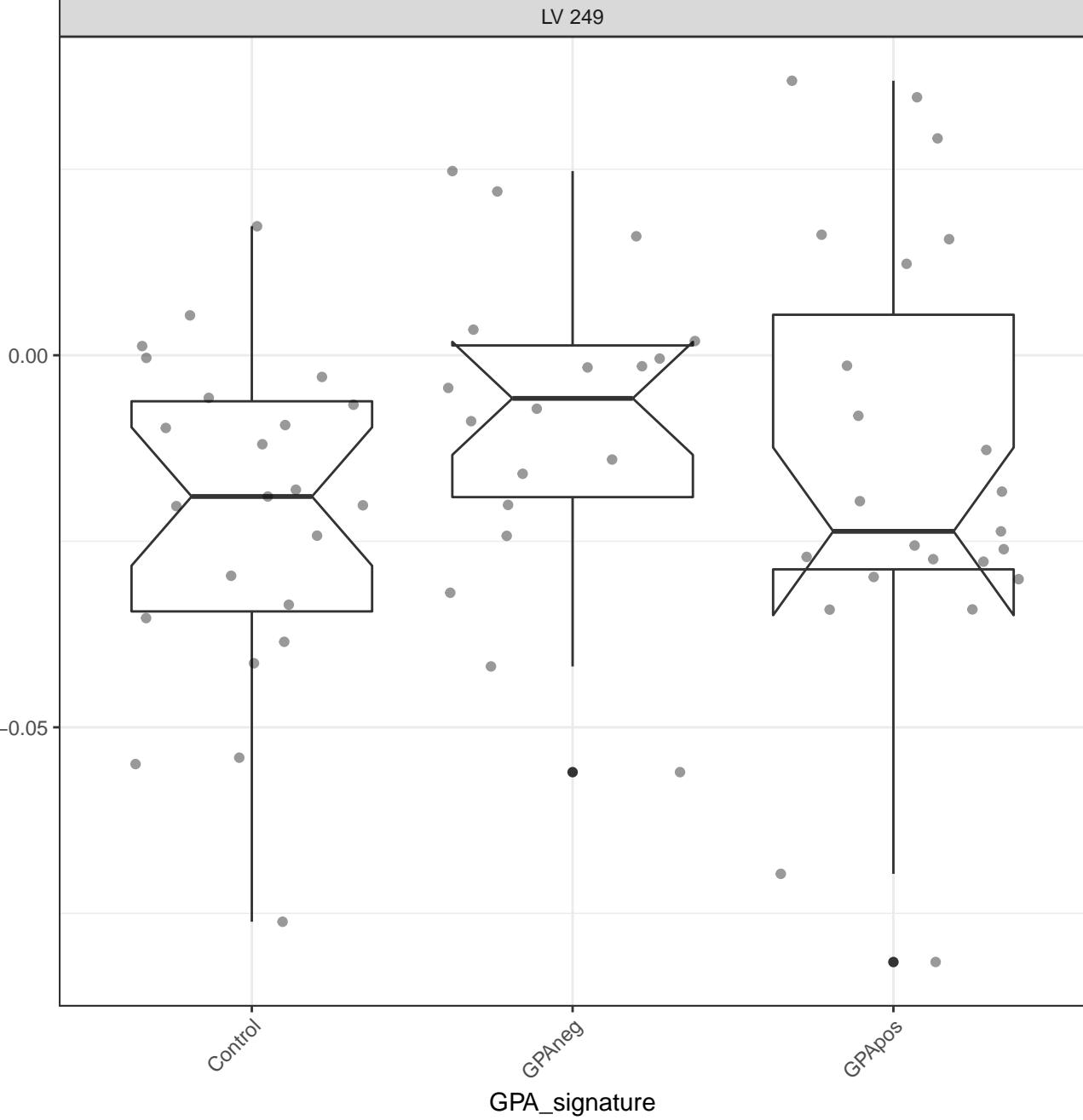


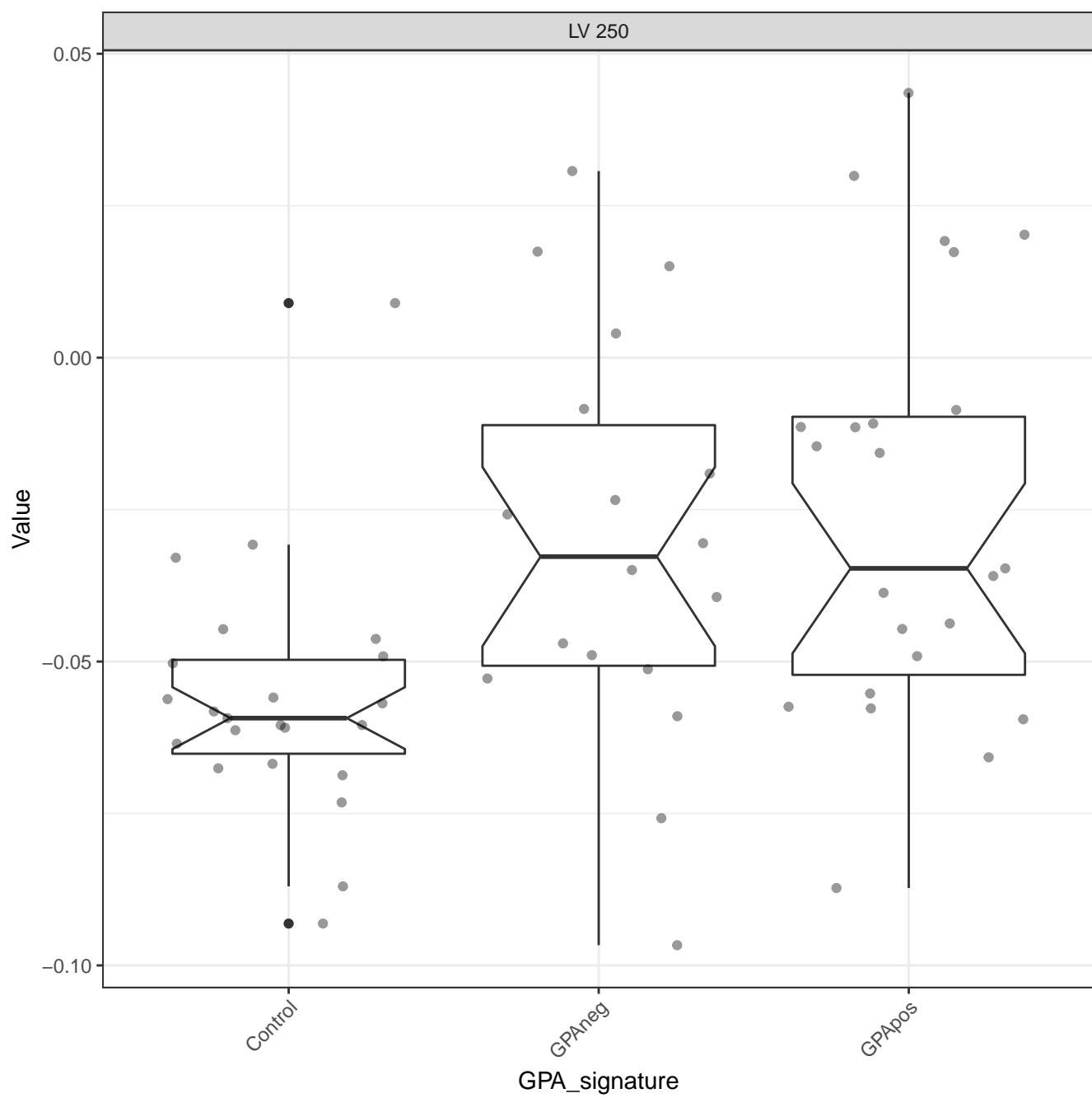
LV 248



LV 249

Value





LV 251

Value

0.12

0.08

0.04

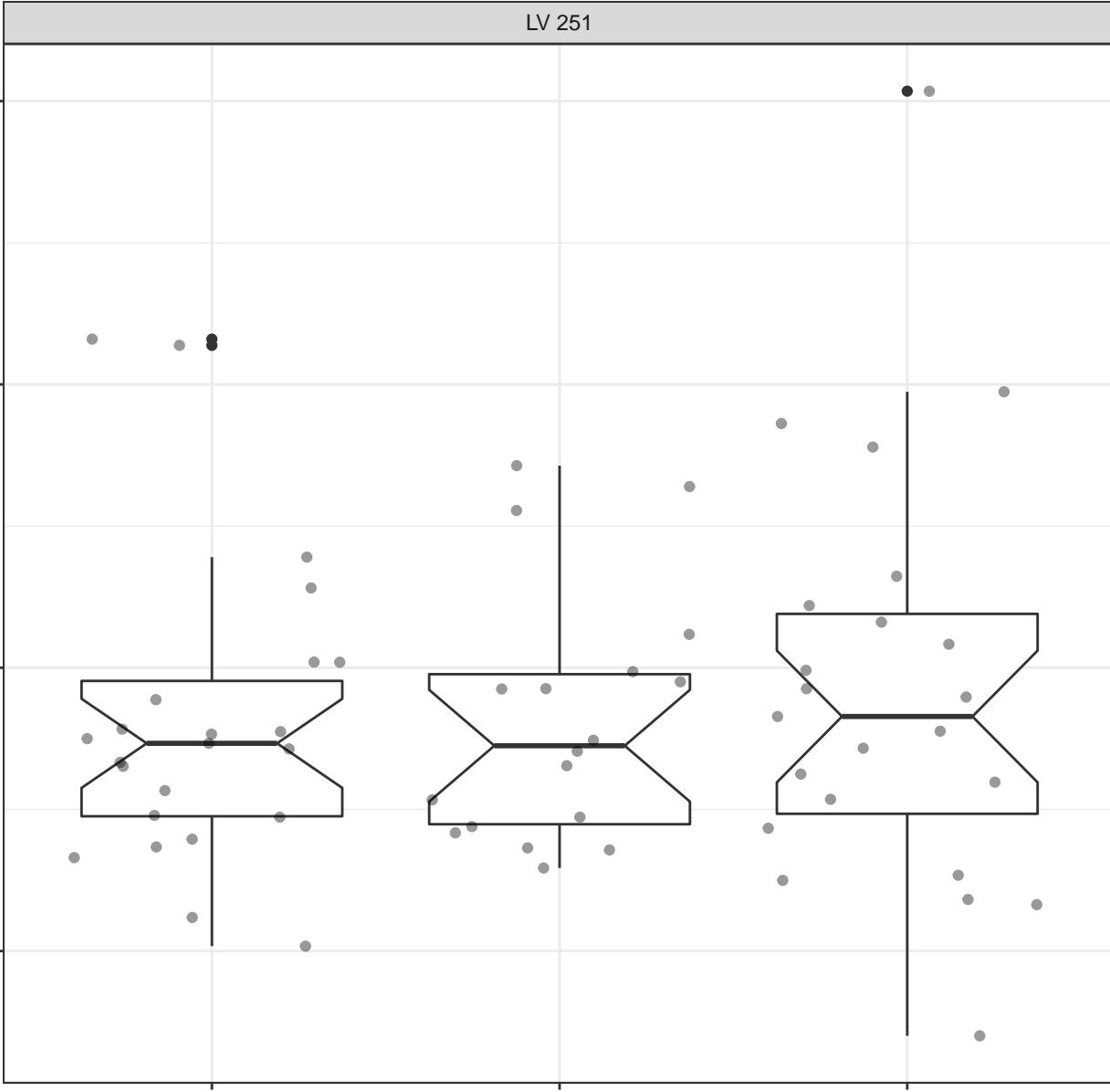
0.00

Control

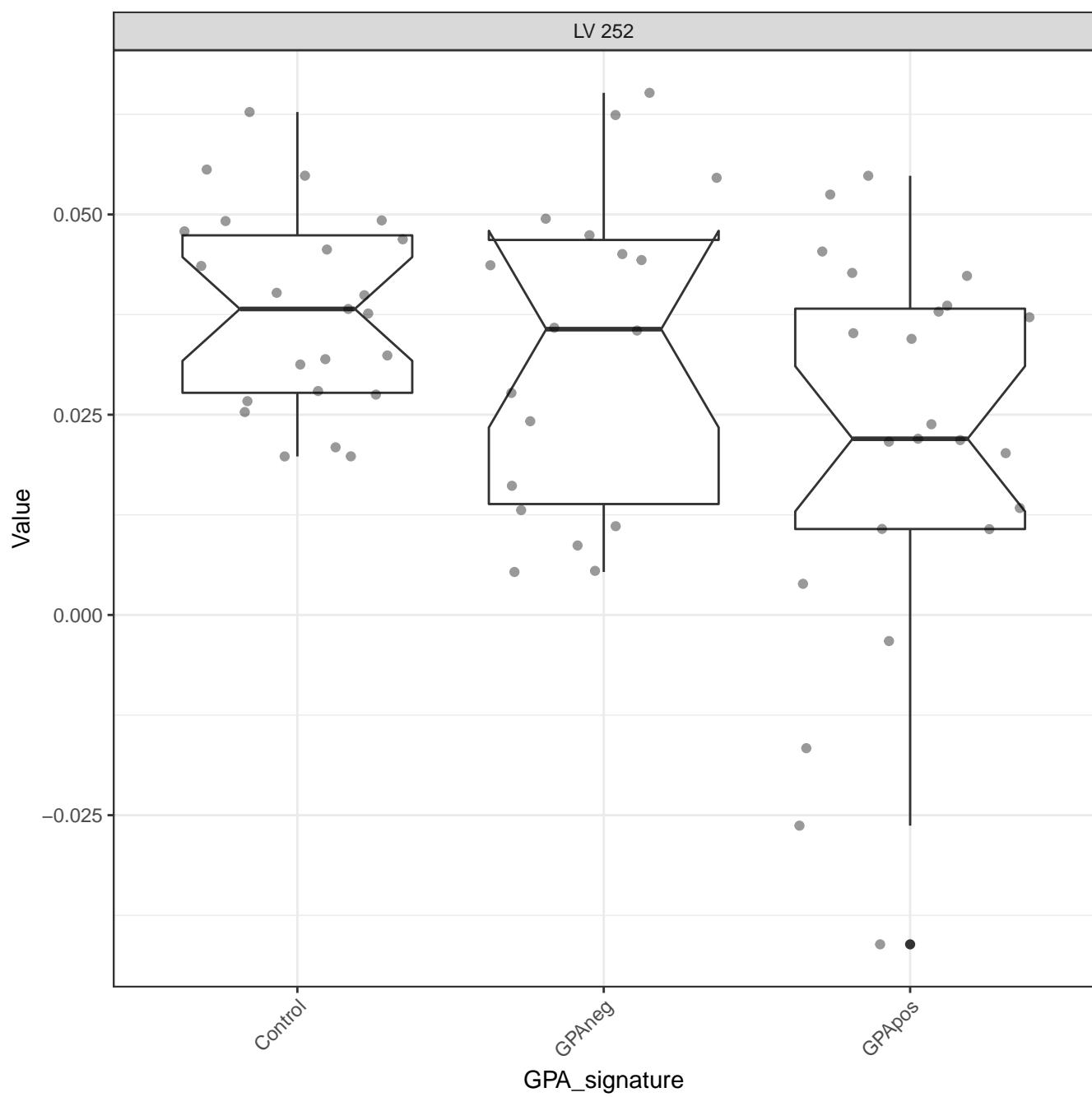
GPA_signature

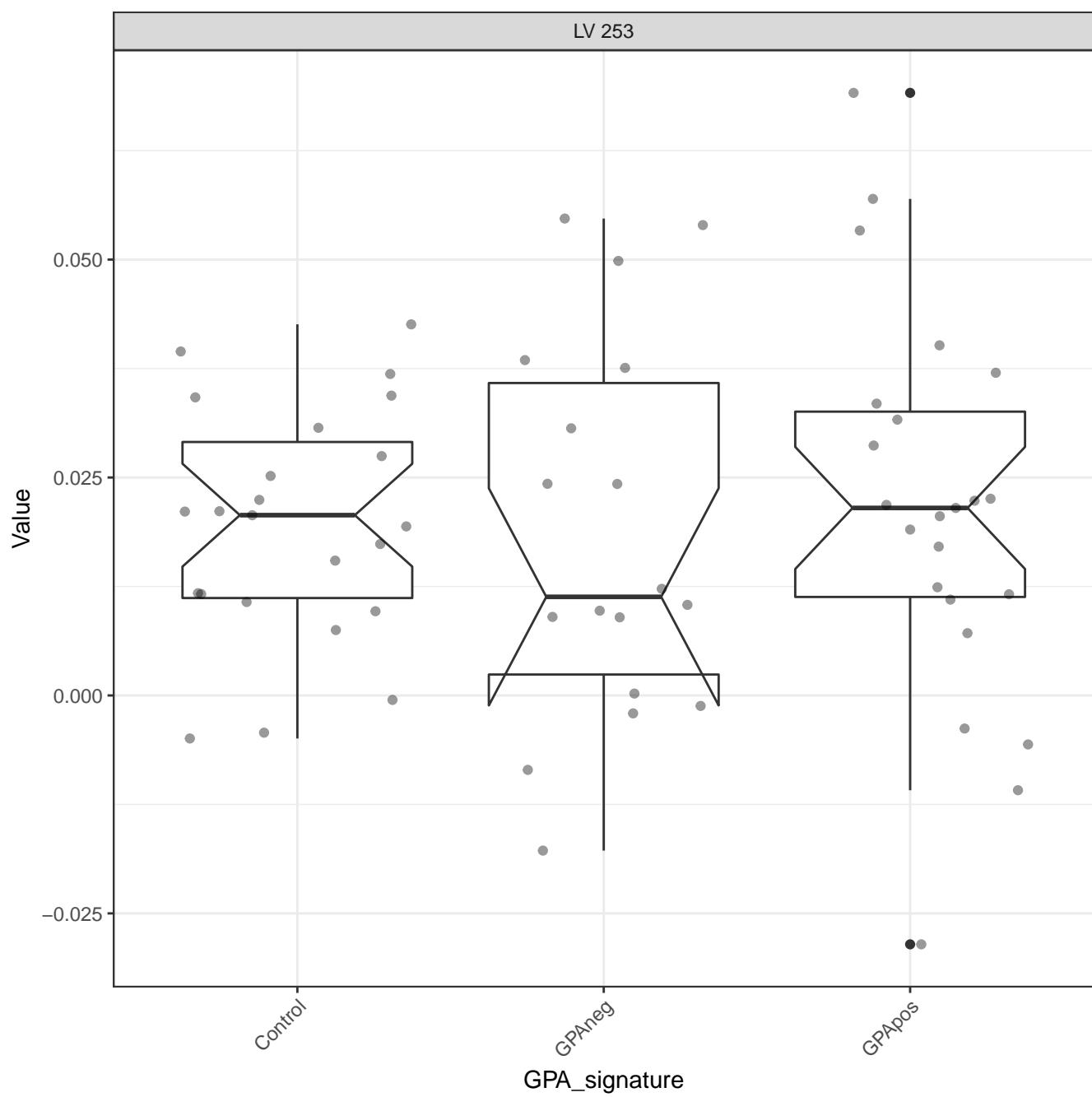
GPAneg

GPAPos

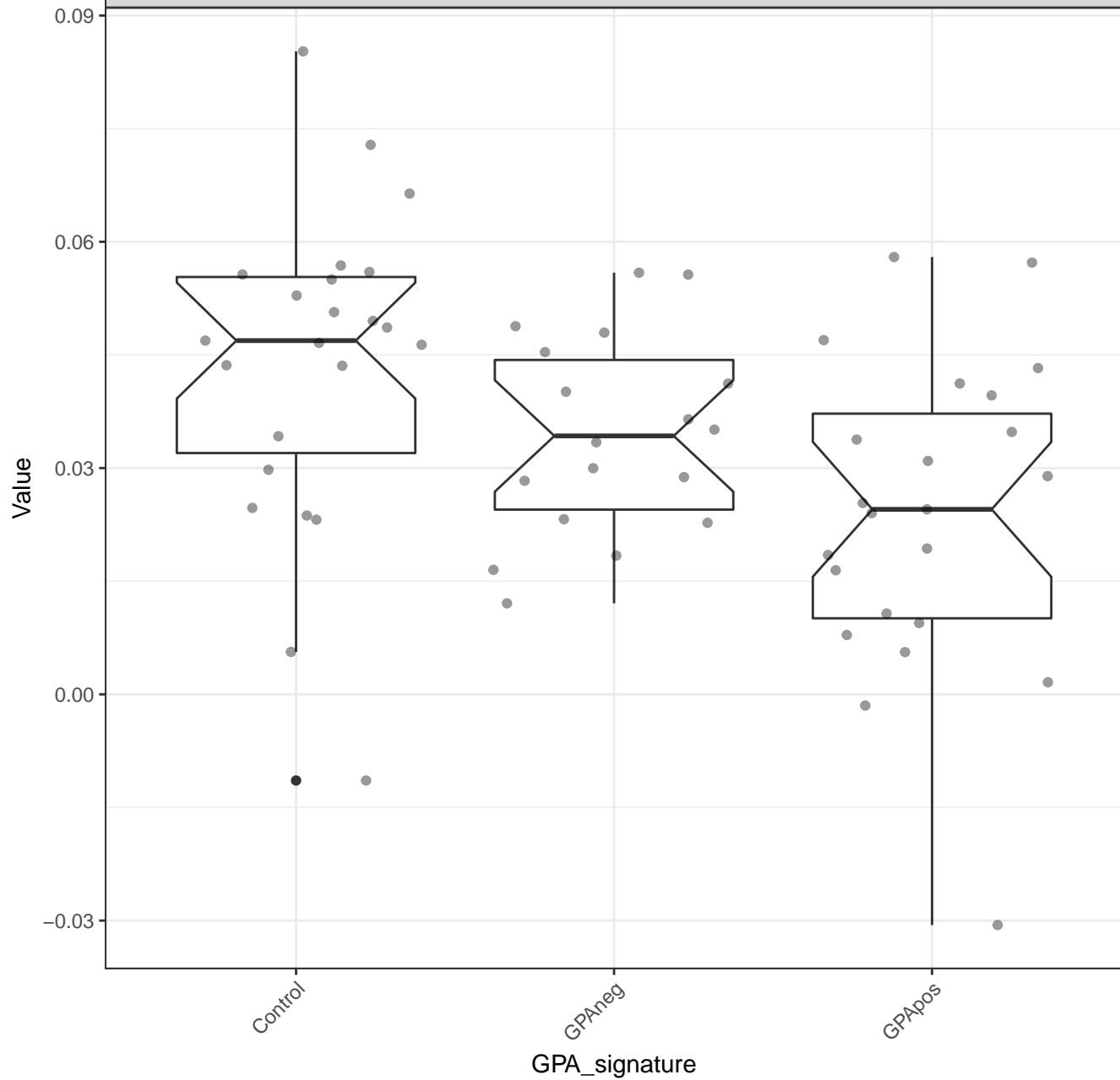


LV 252

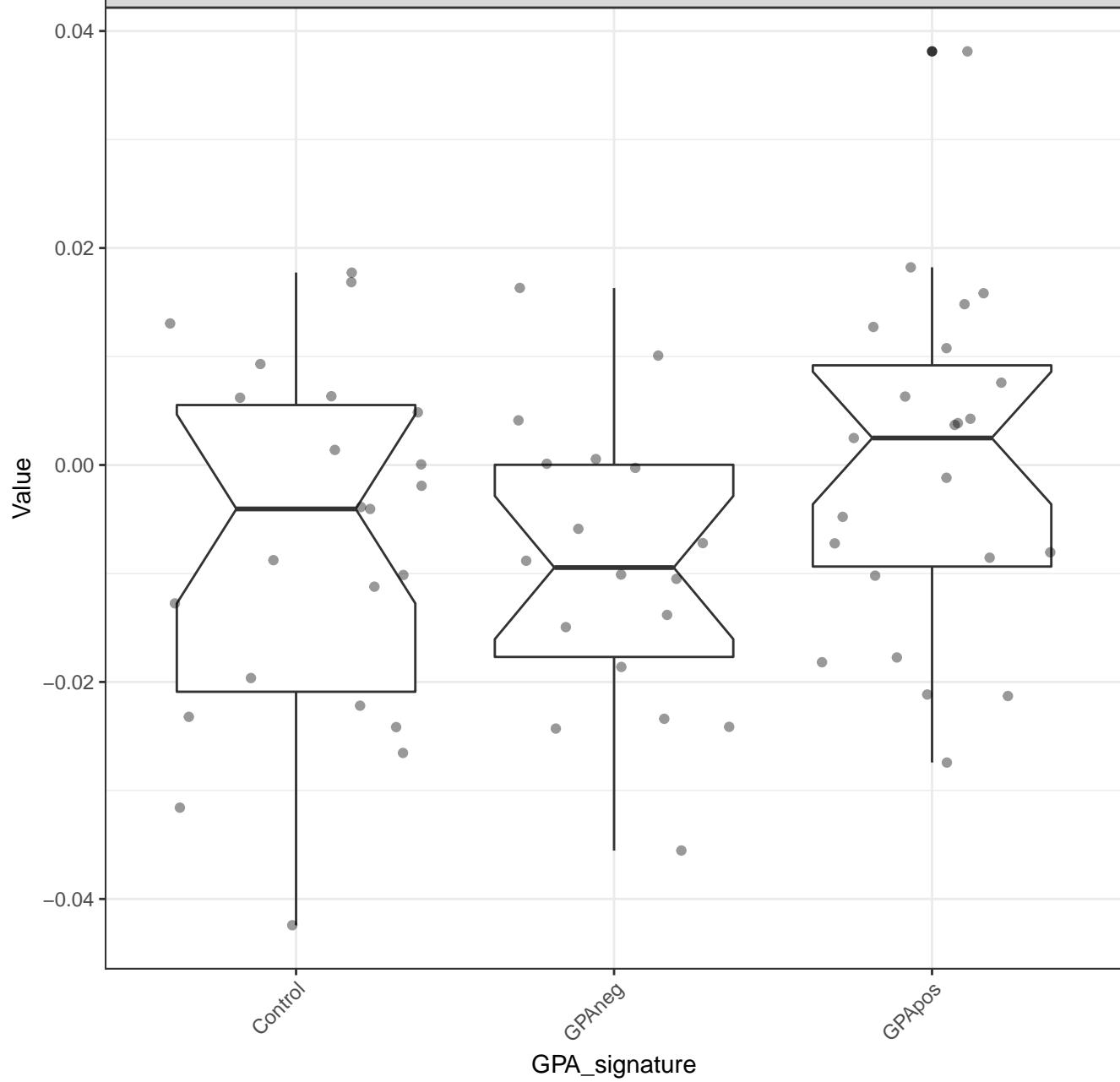




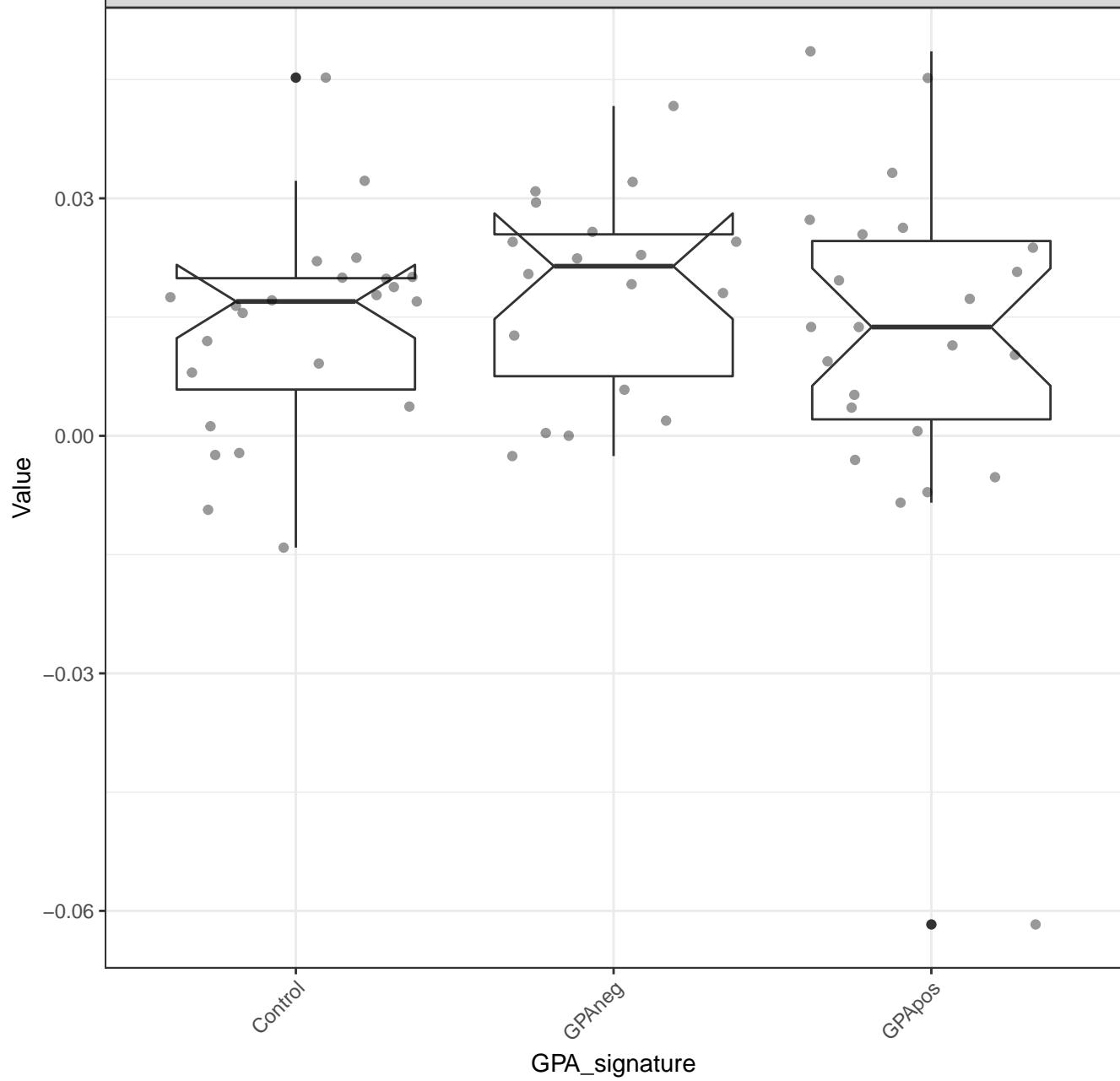
LV 254



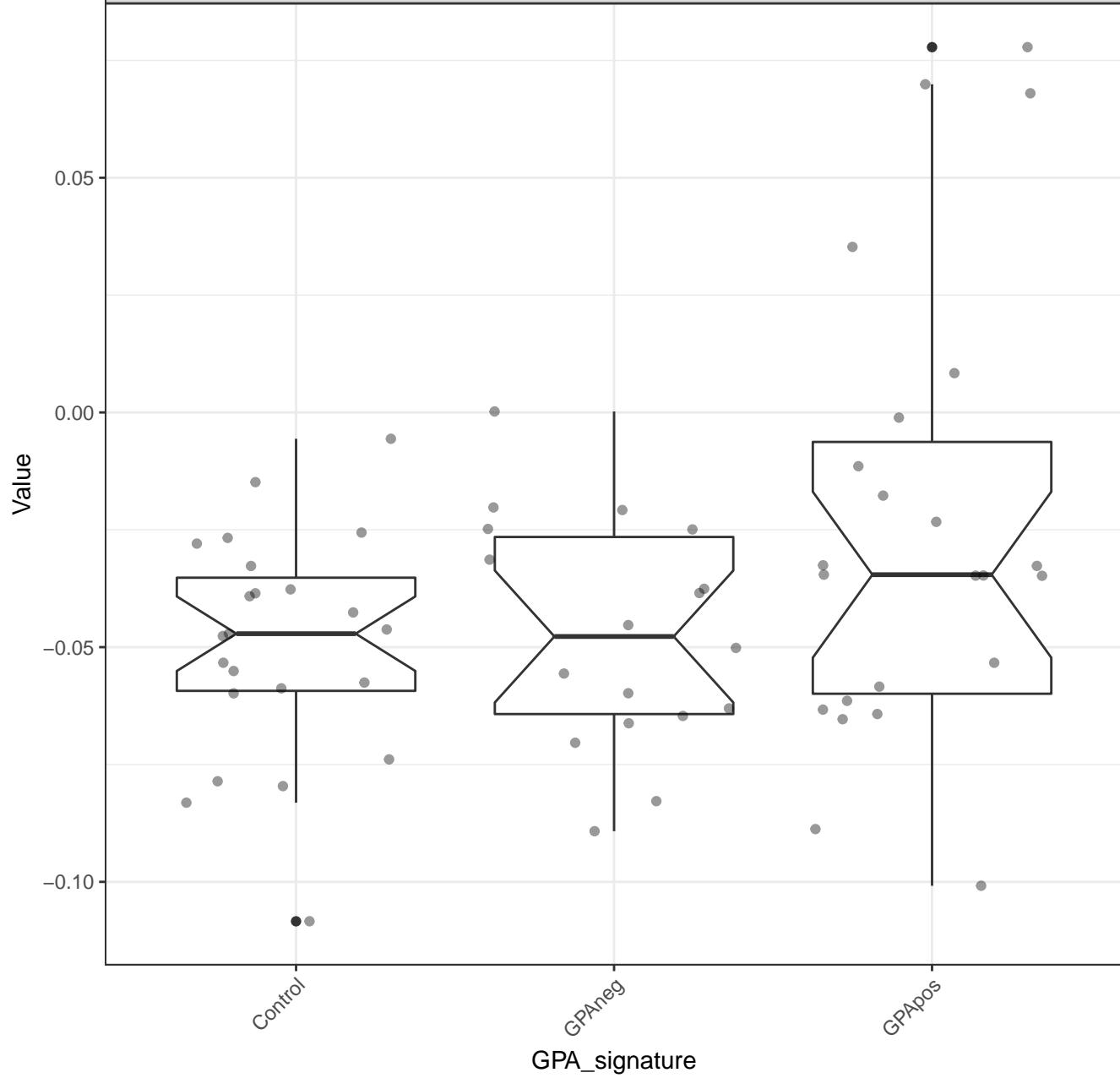
LV 255



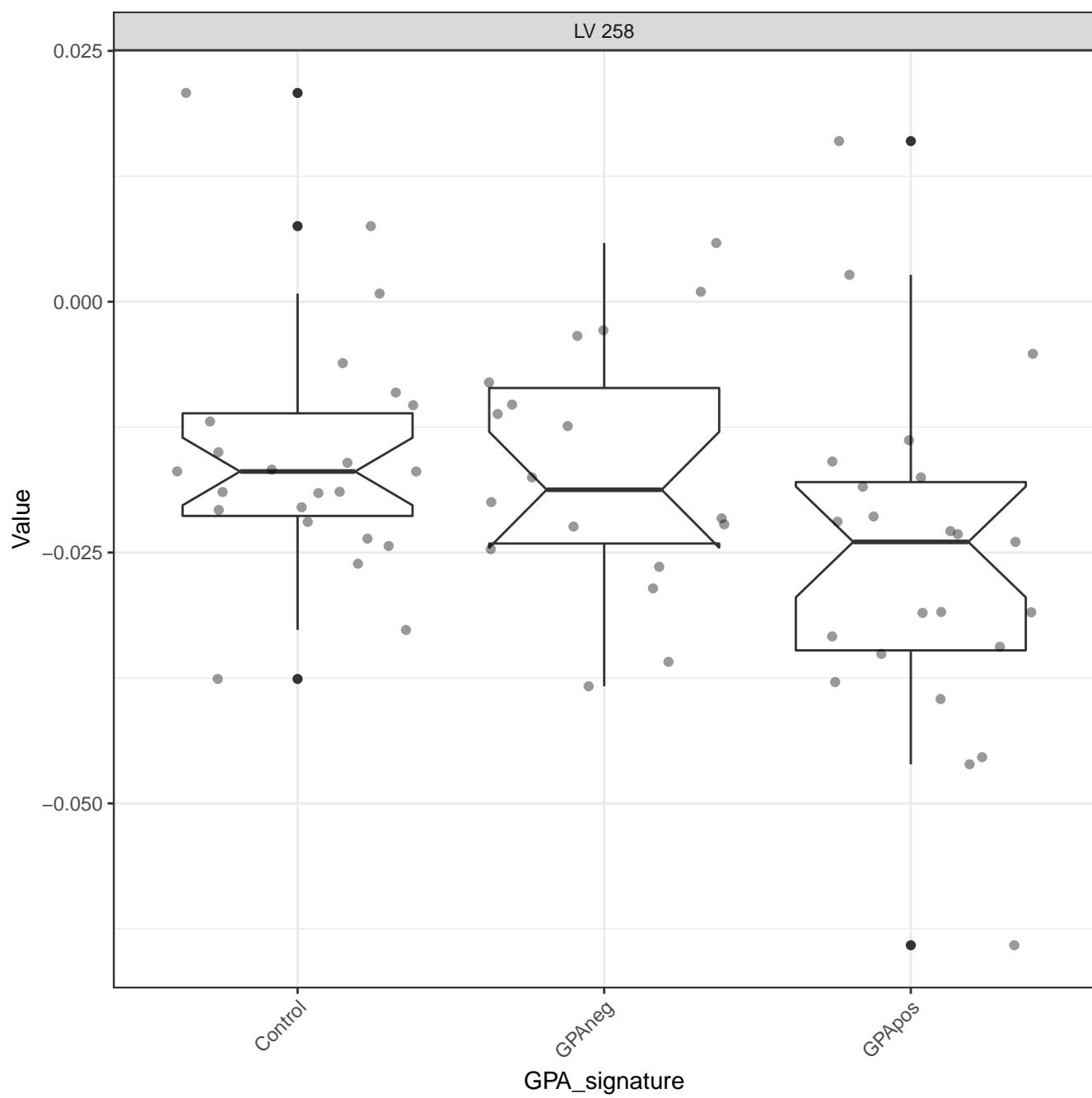
LV 256



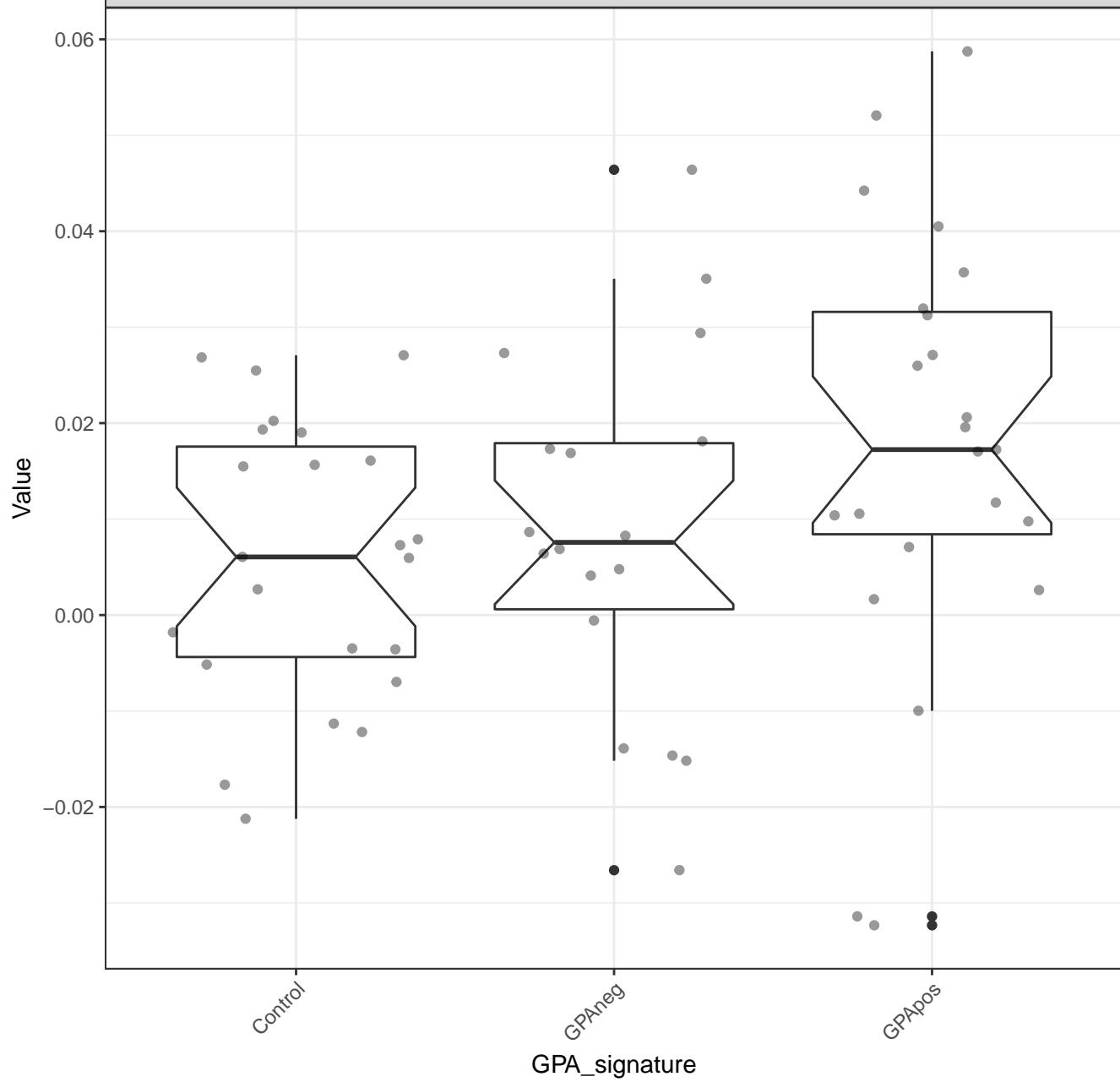
257,KEGG_DILATED_CARDIOMYOPATHY



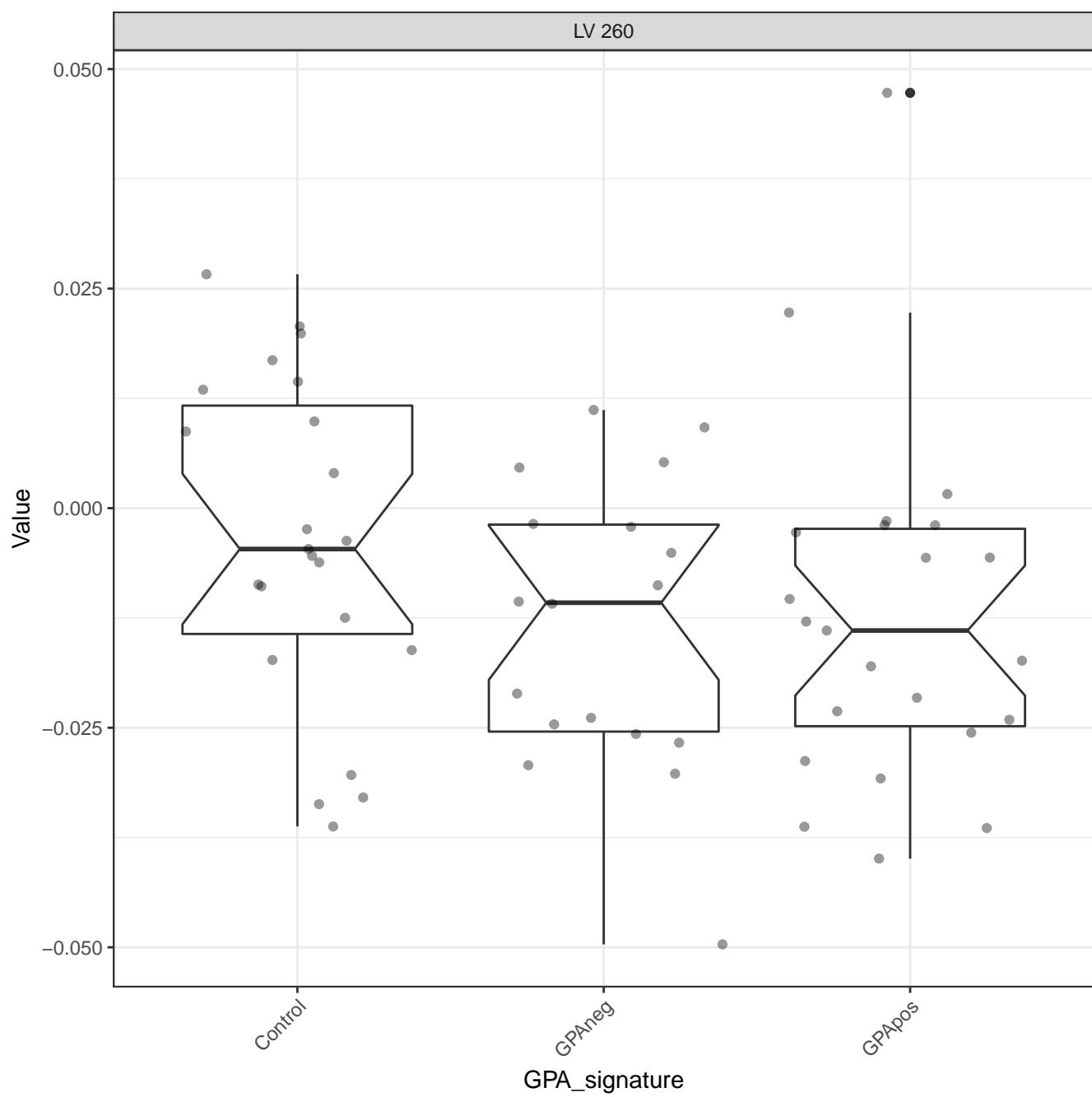
LV 258



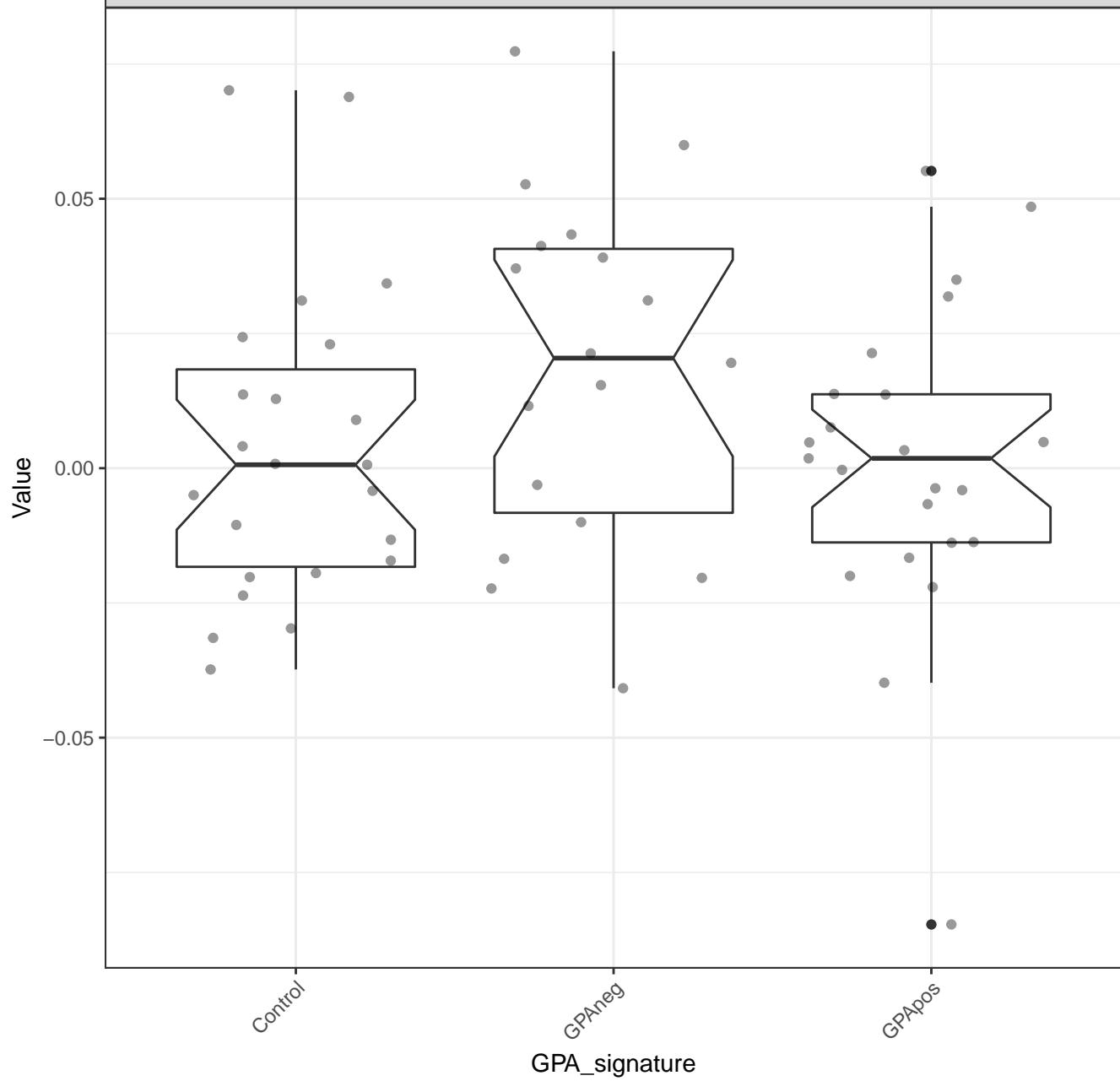
LV 259



LV 260



LV 261



Value

0.04

0.02

0.00

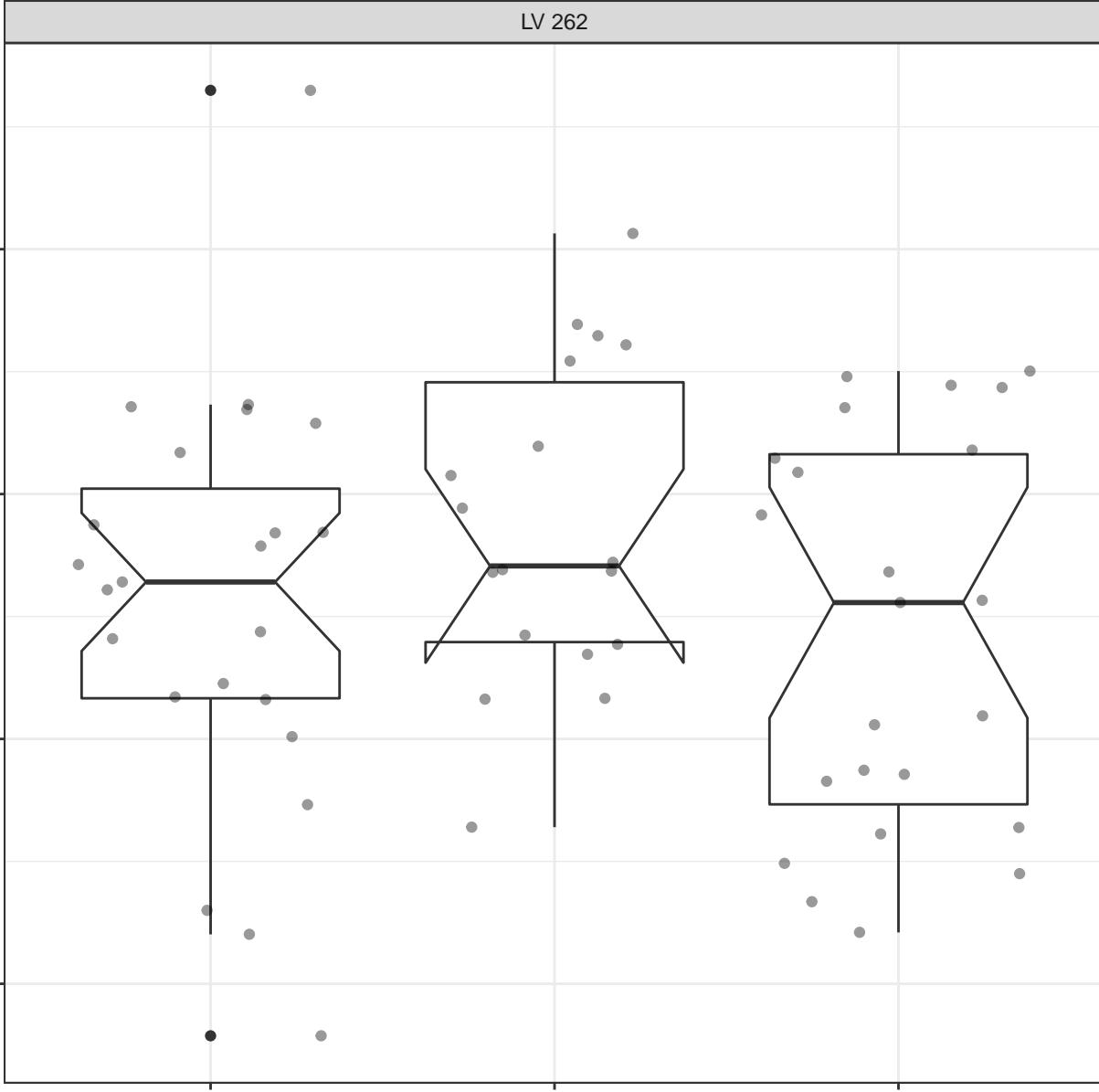
-0.02

Control

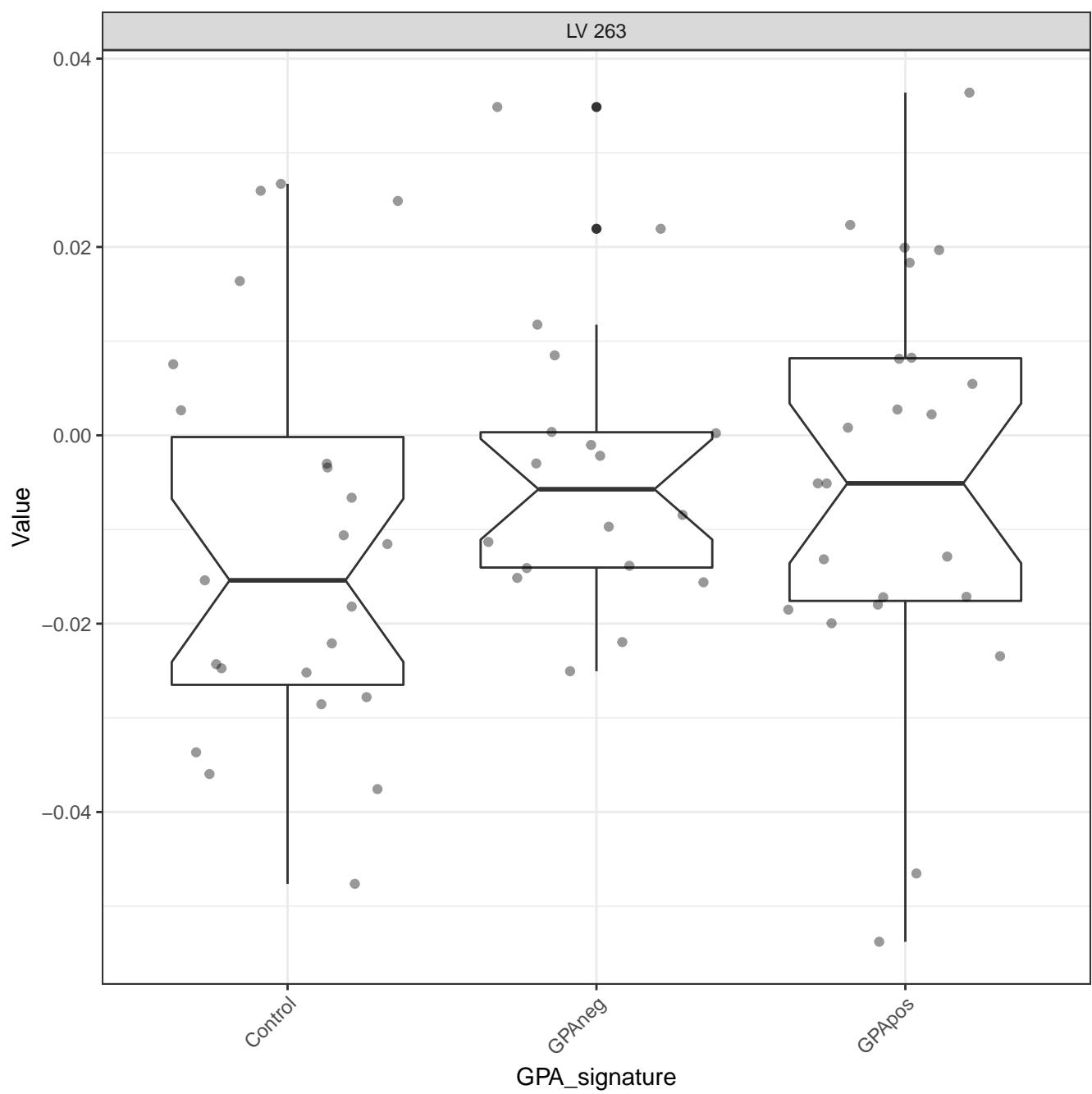
GPA_signature

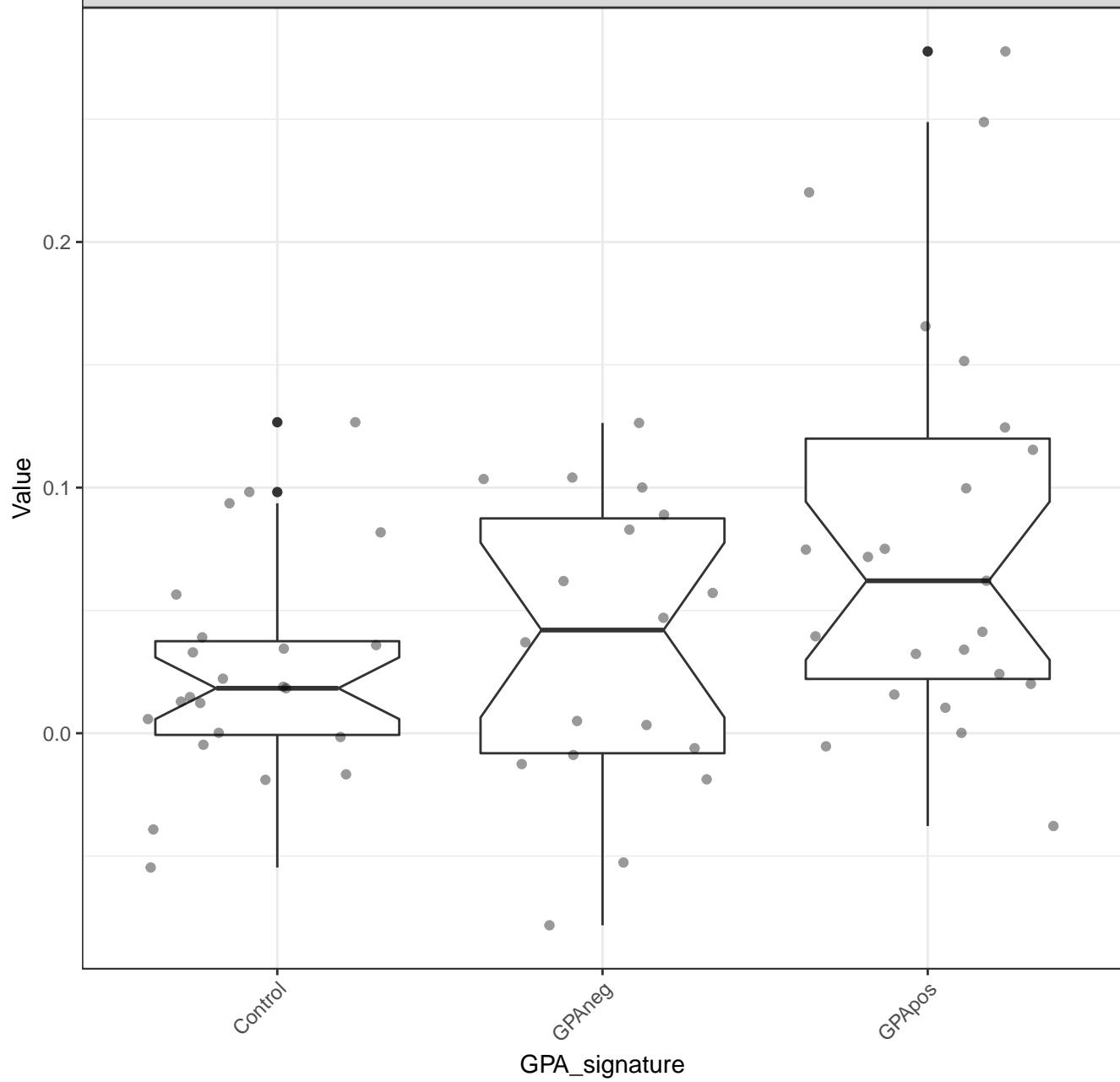
GPAneg

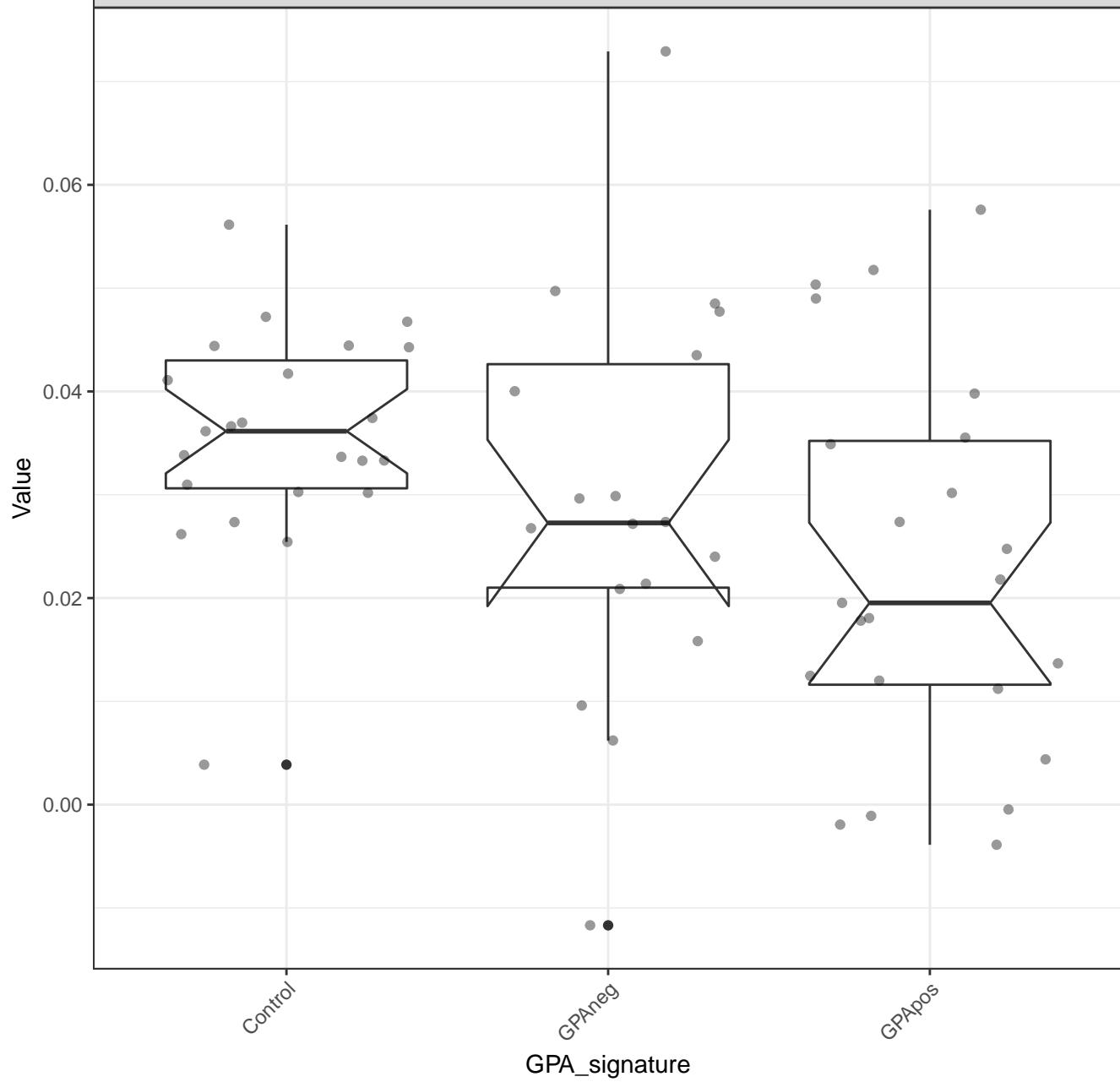
GPAPos



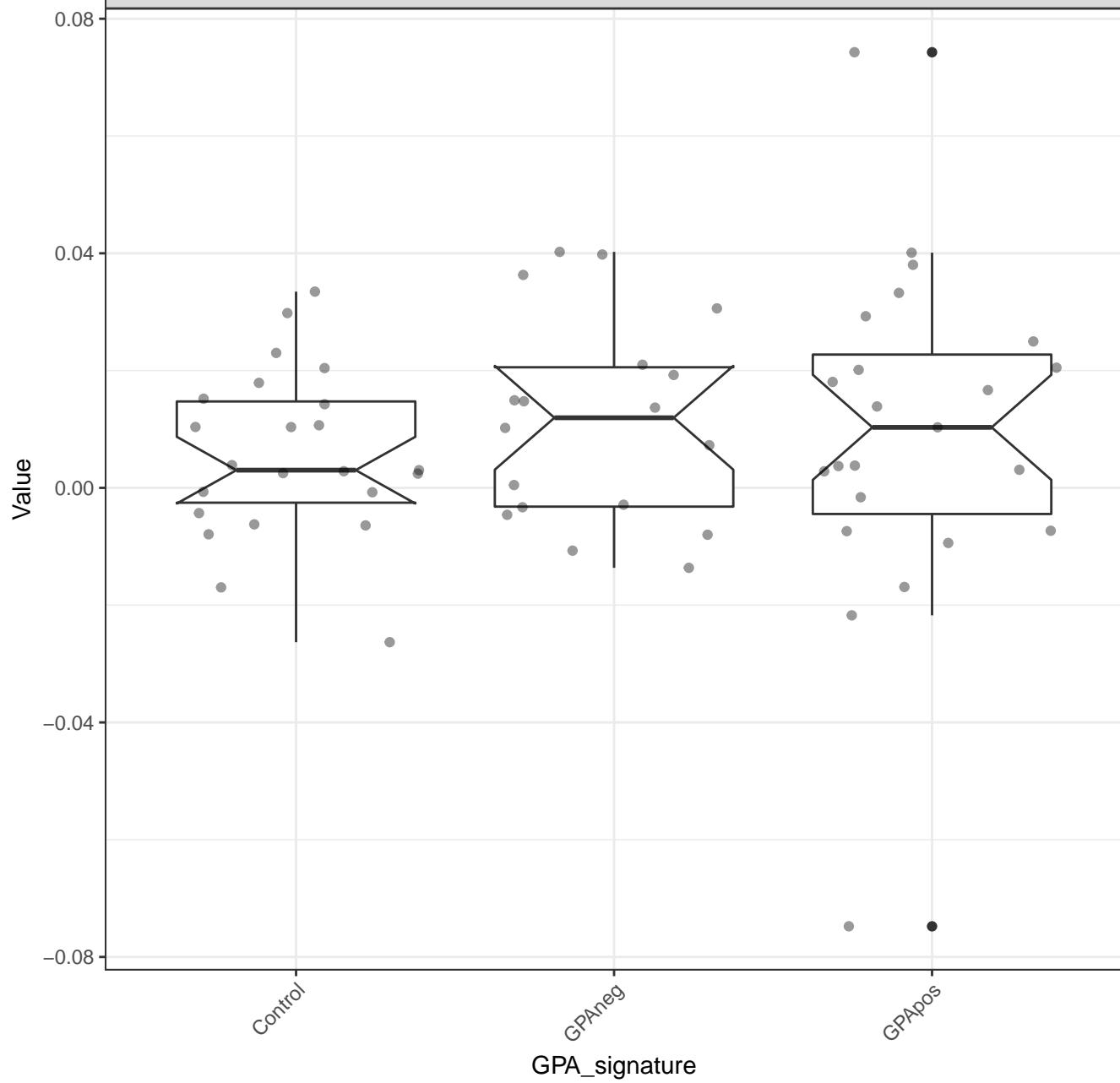
LV 263







266,PID_FASPATHWAY



LV 267

Value

0.10

0.05

0.00

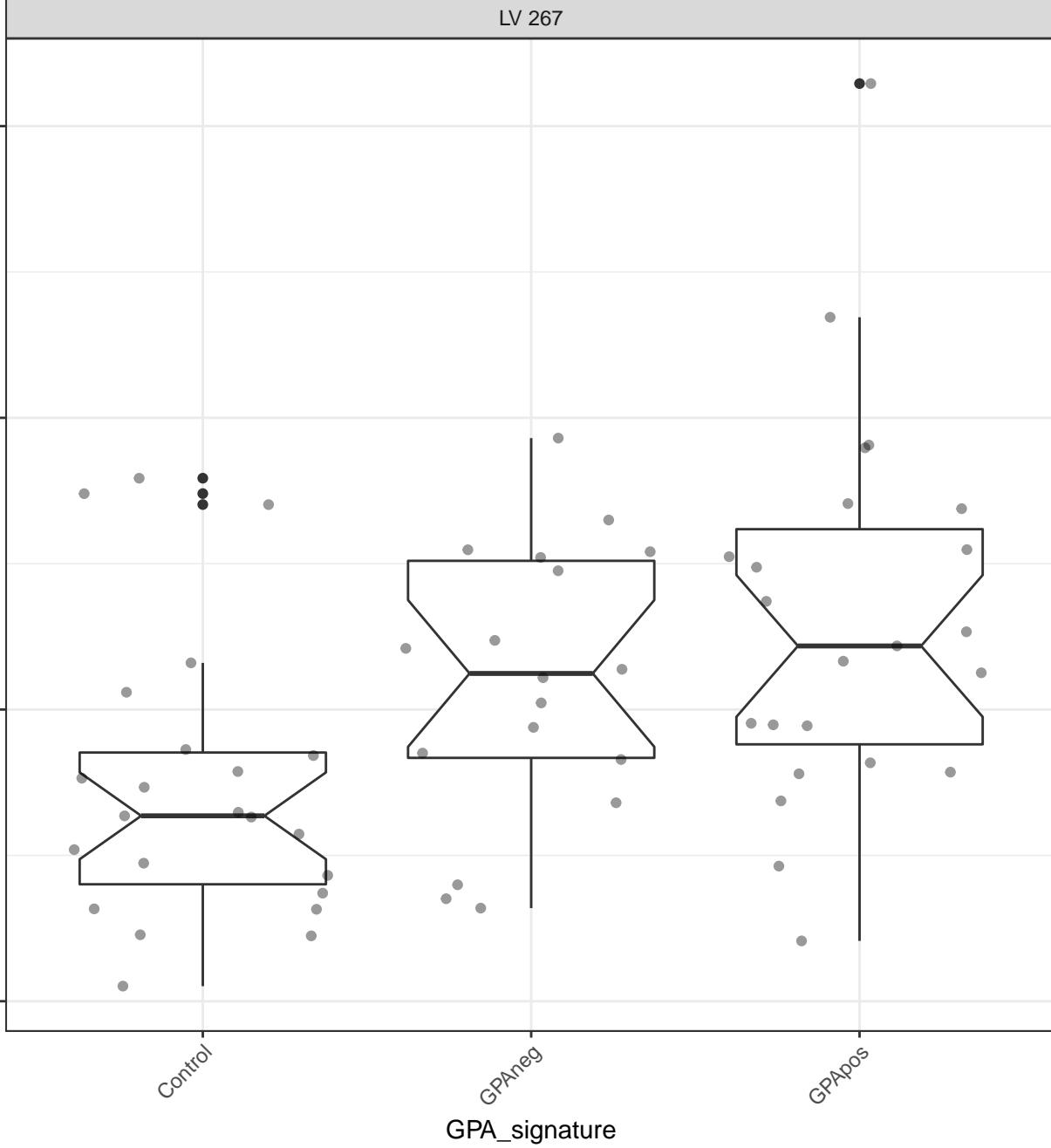
-0.05

Control

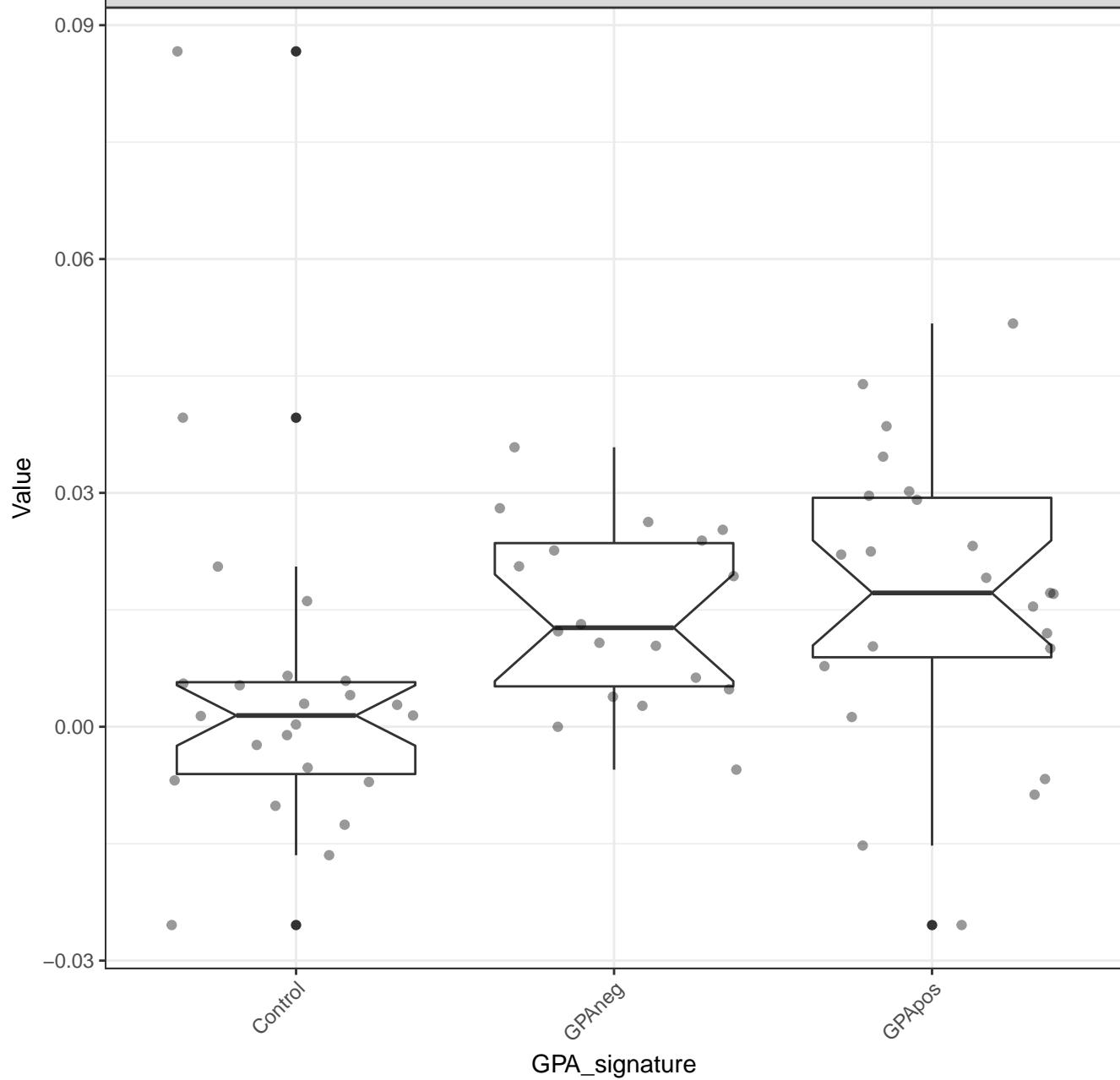
GPAneg

GPAPos

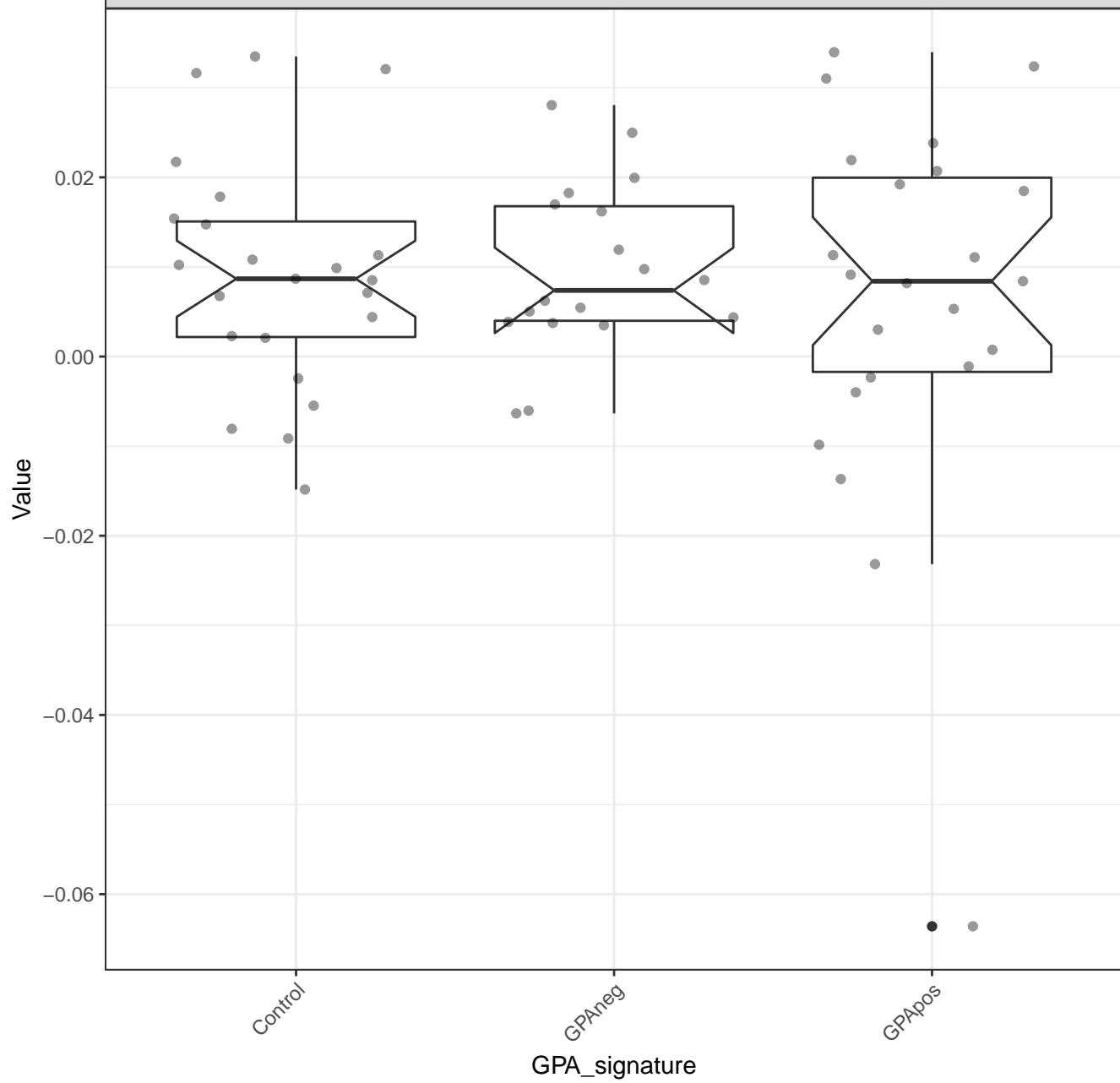
GPA_signature



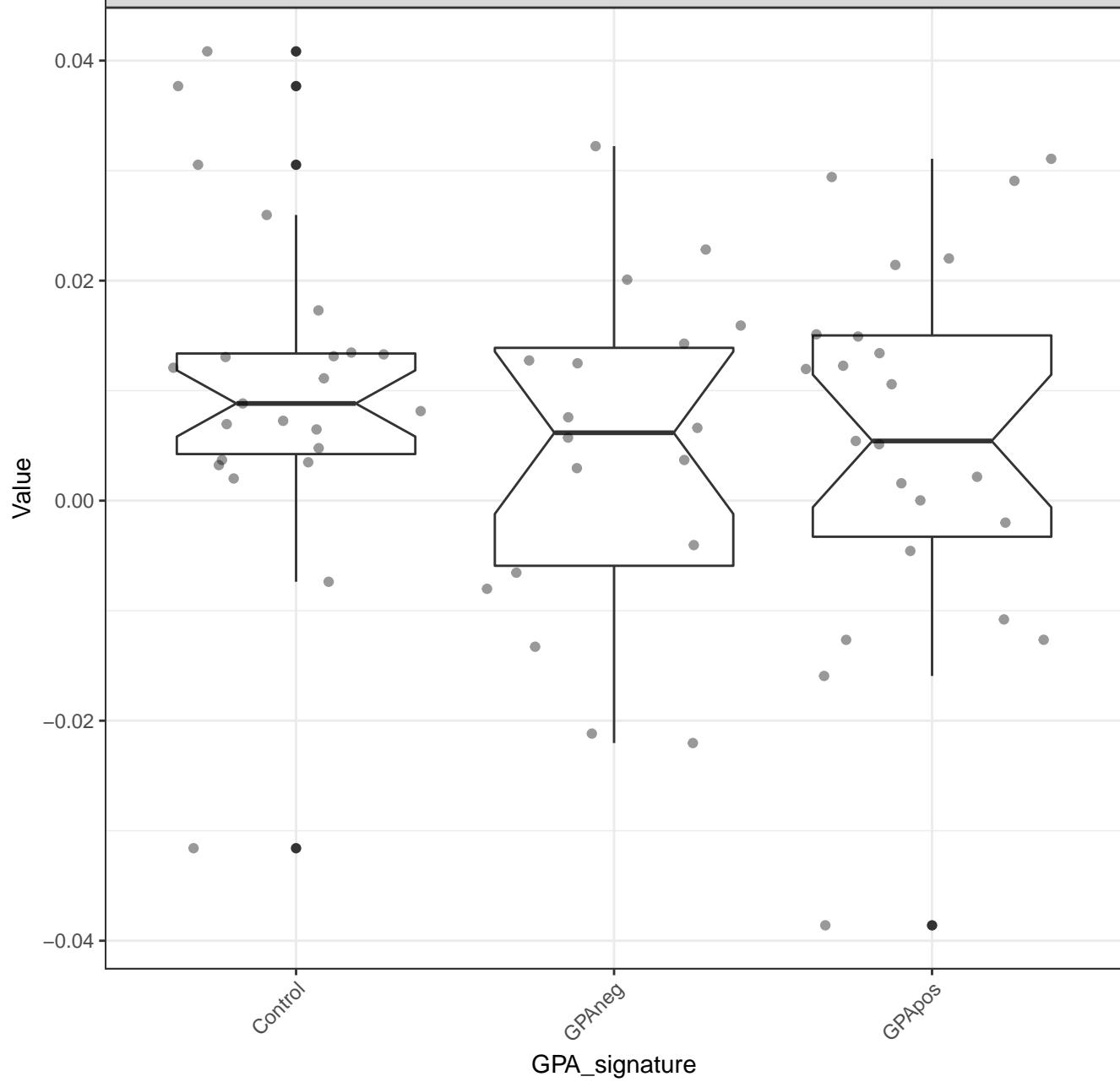
LV 268



LV 269



LV 270



Value

0.04

0.02

0.01

-0.01

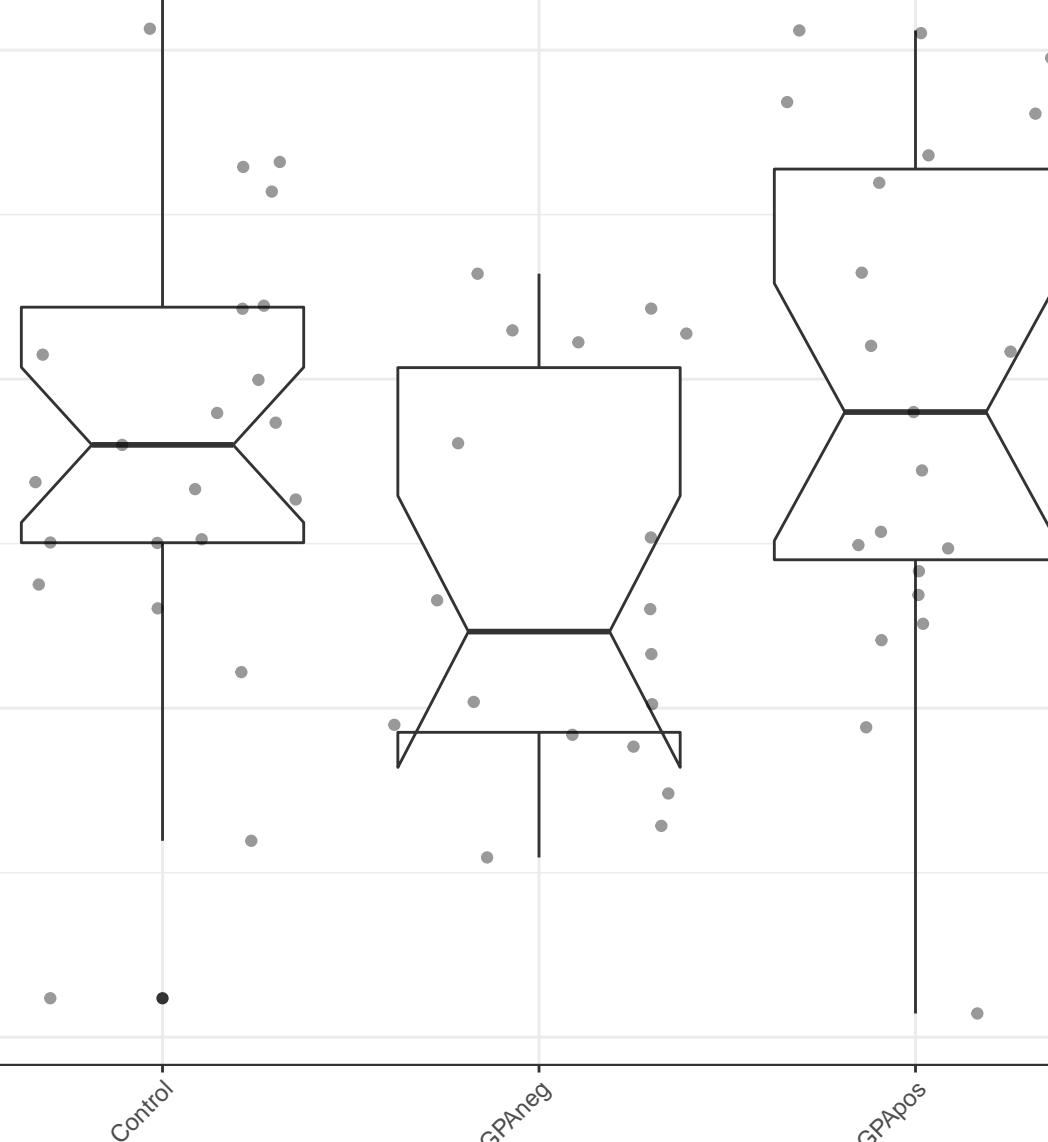
-0.02

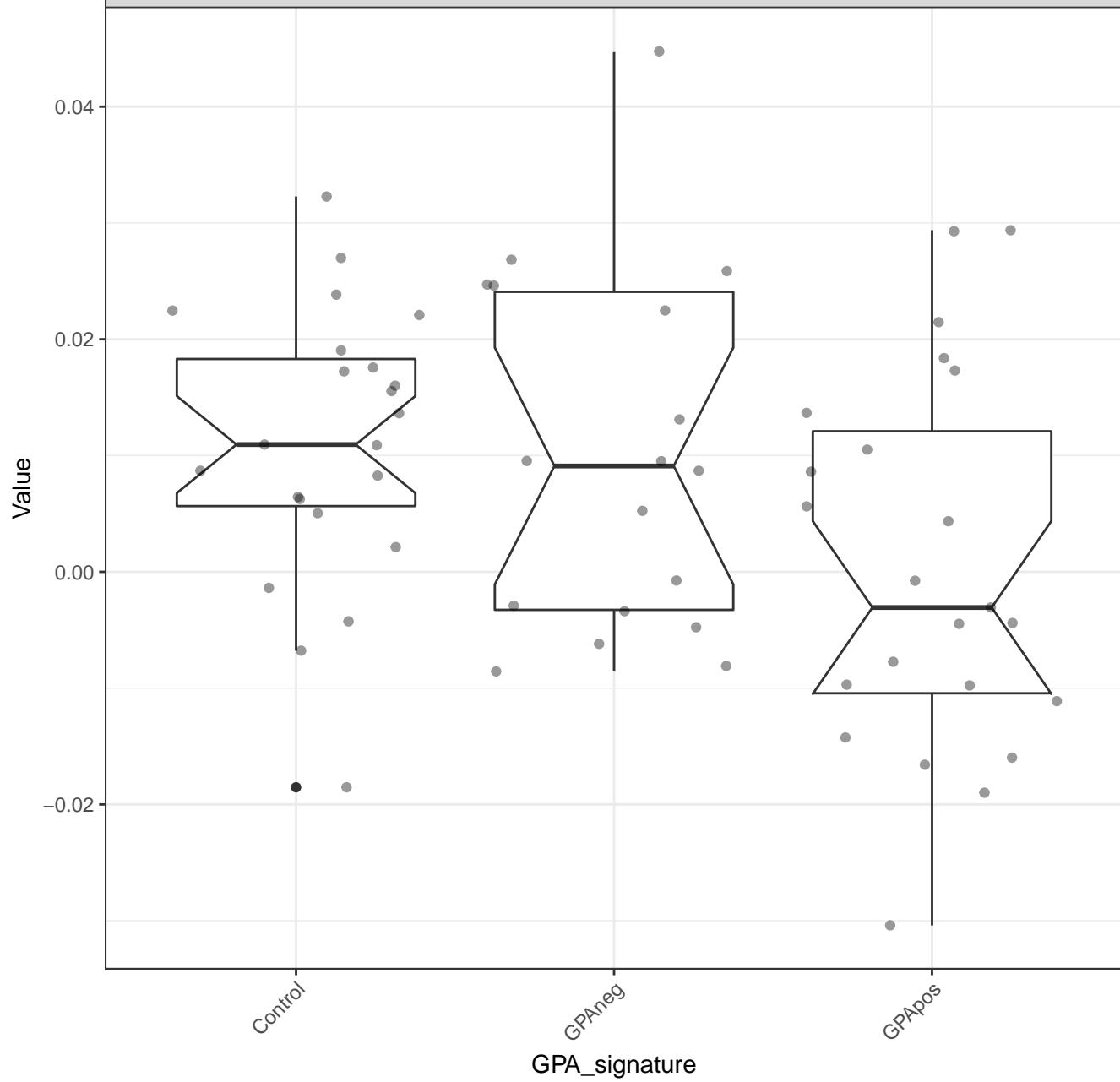
Control

GPAneg

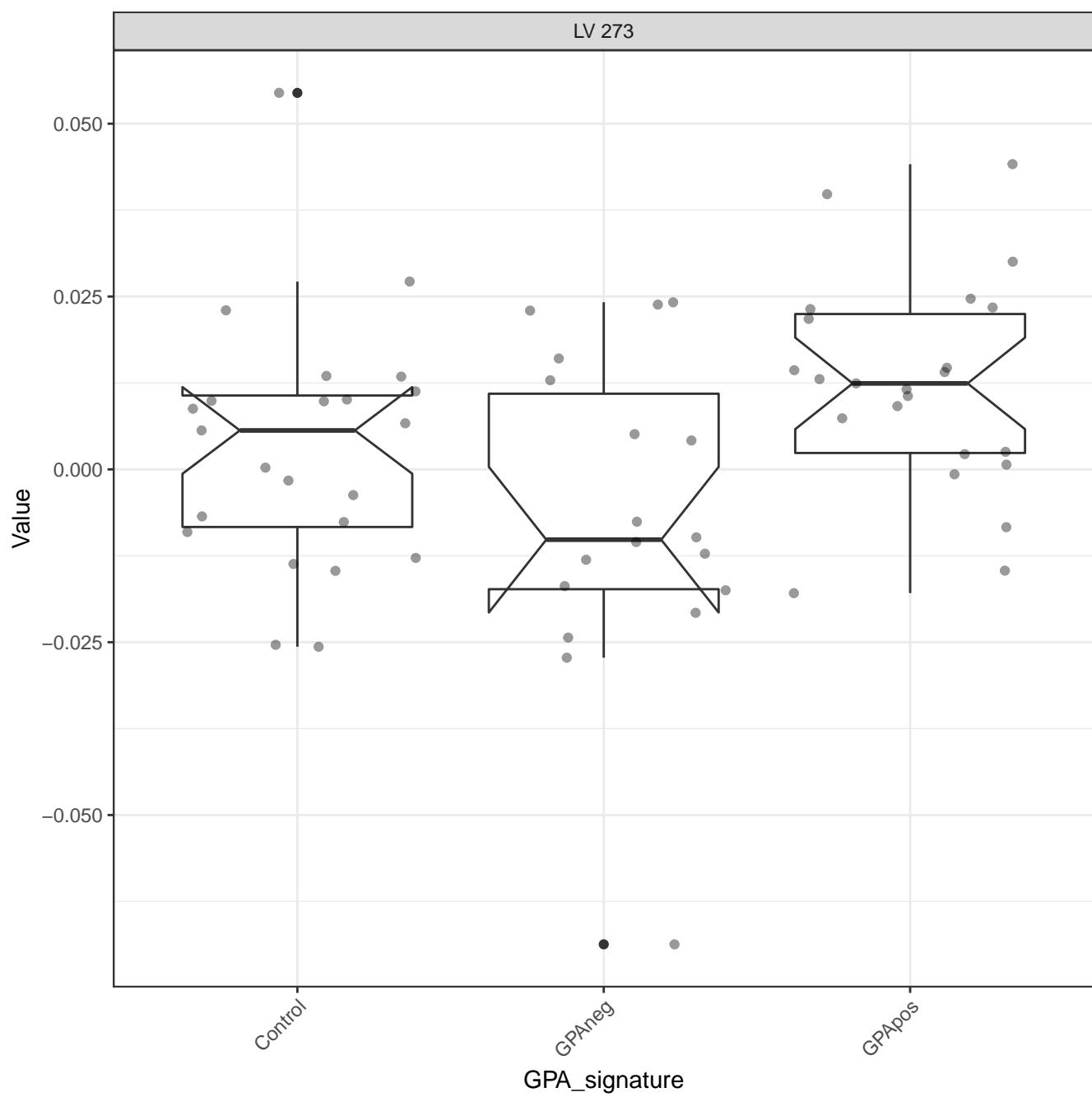
GPAPos

GPA_signature

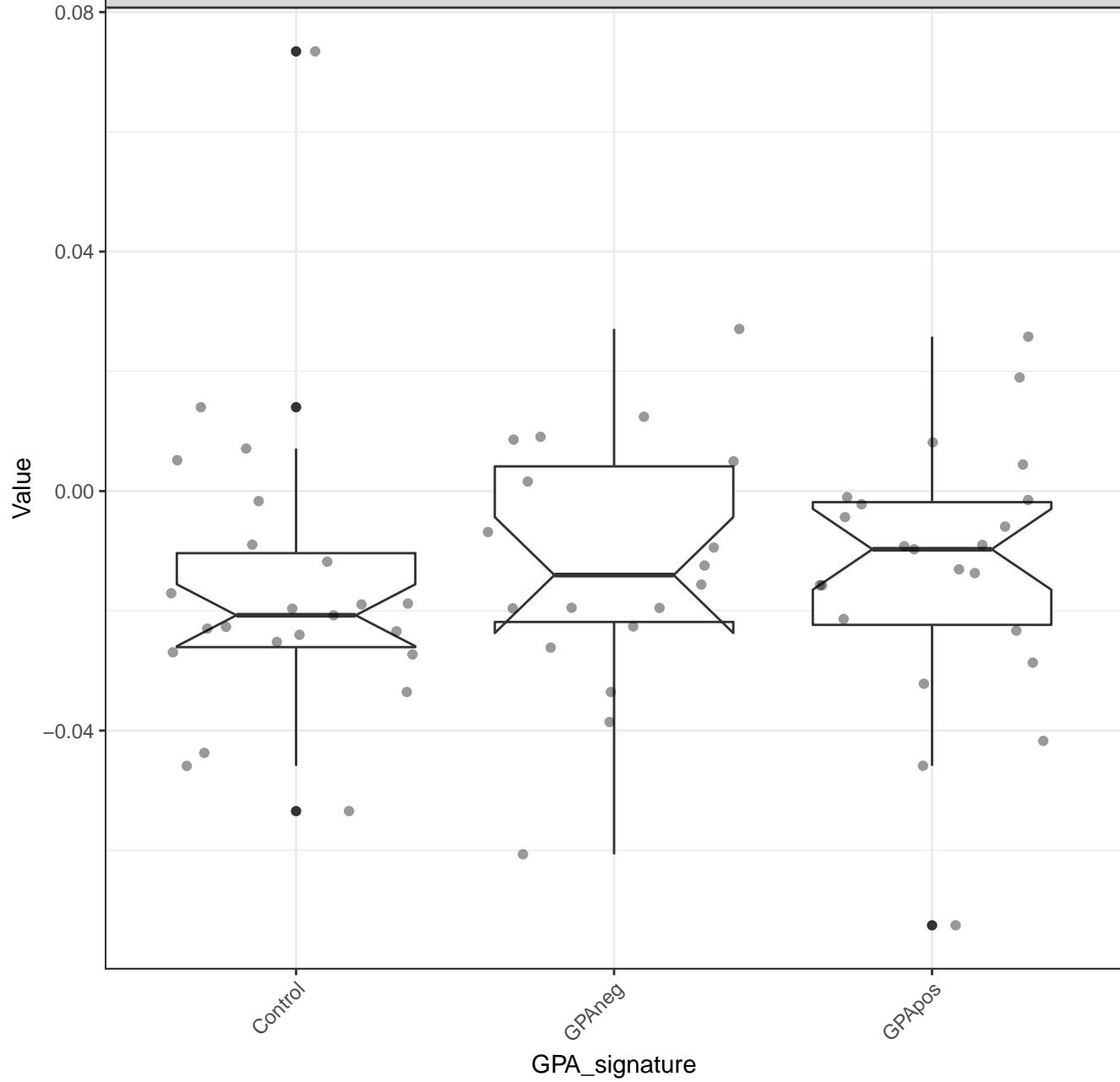




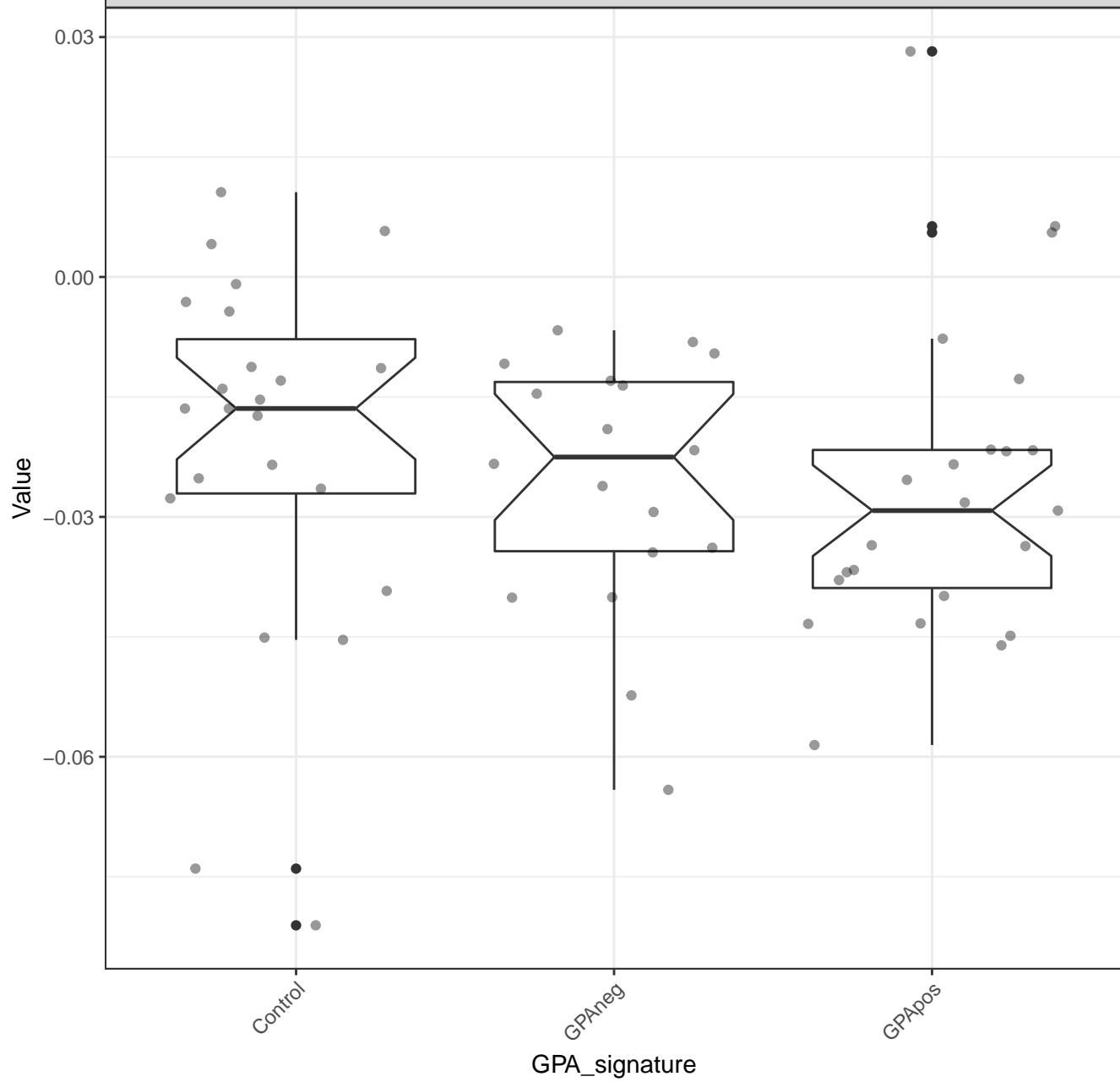
LV 273



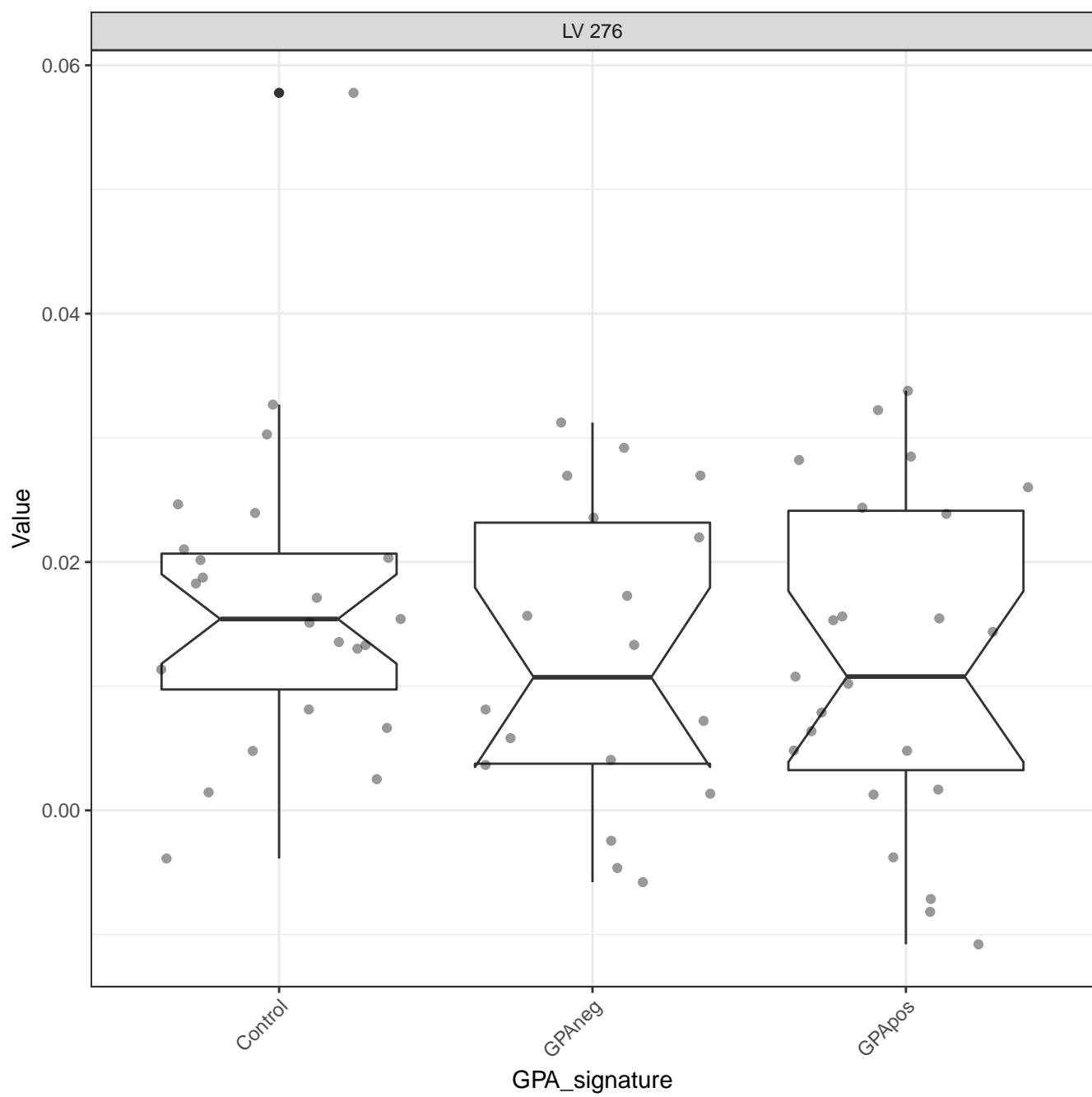
LV 274

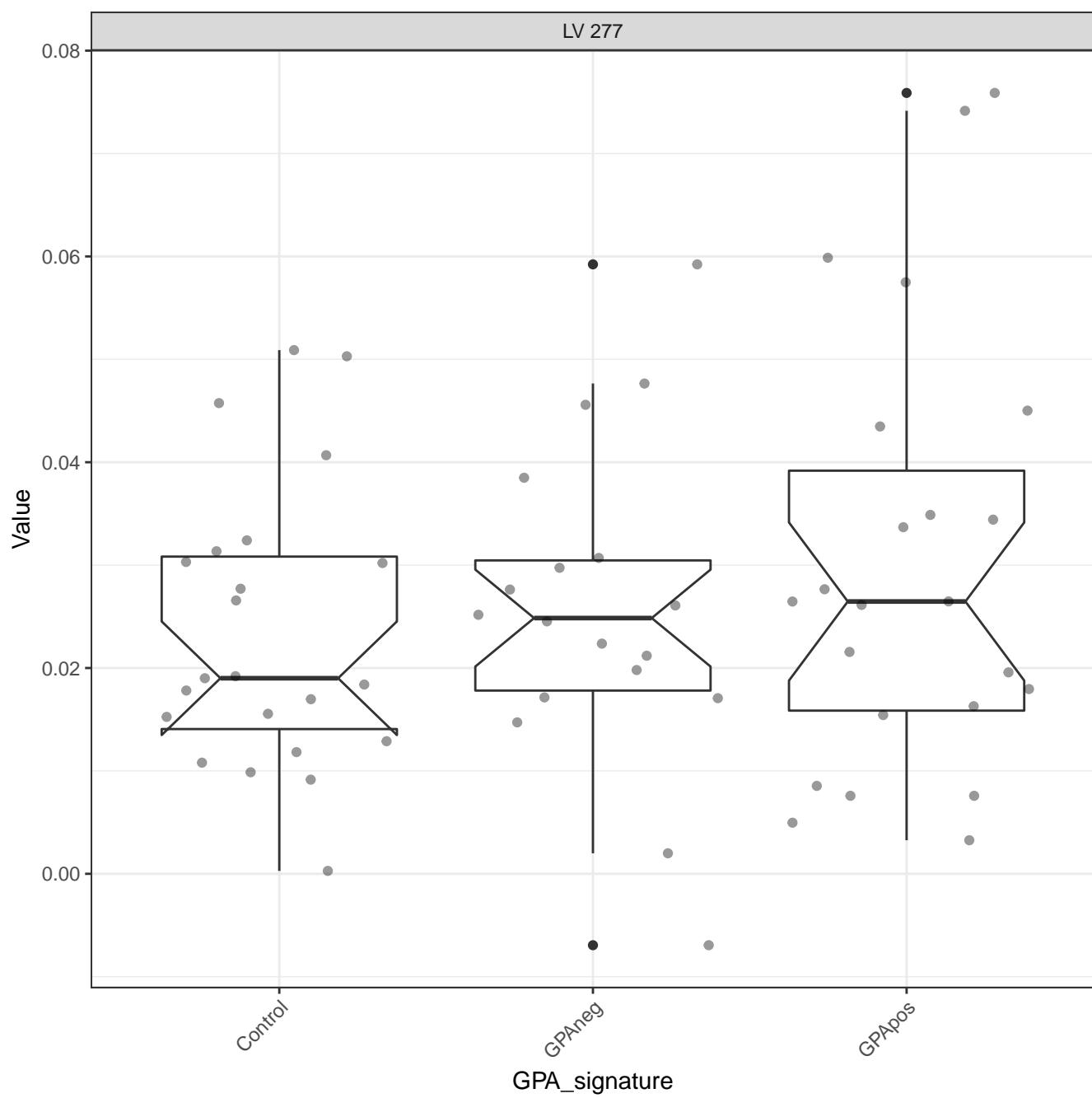


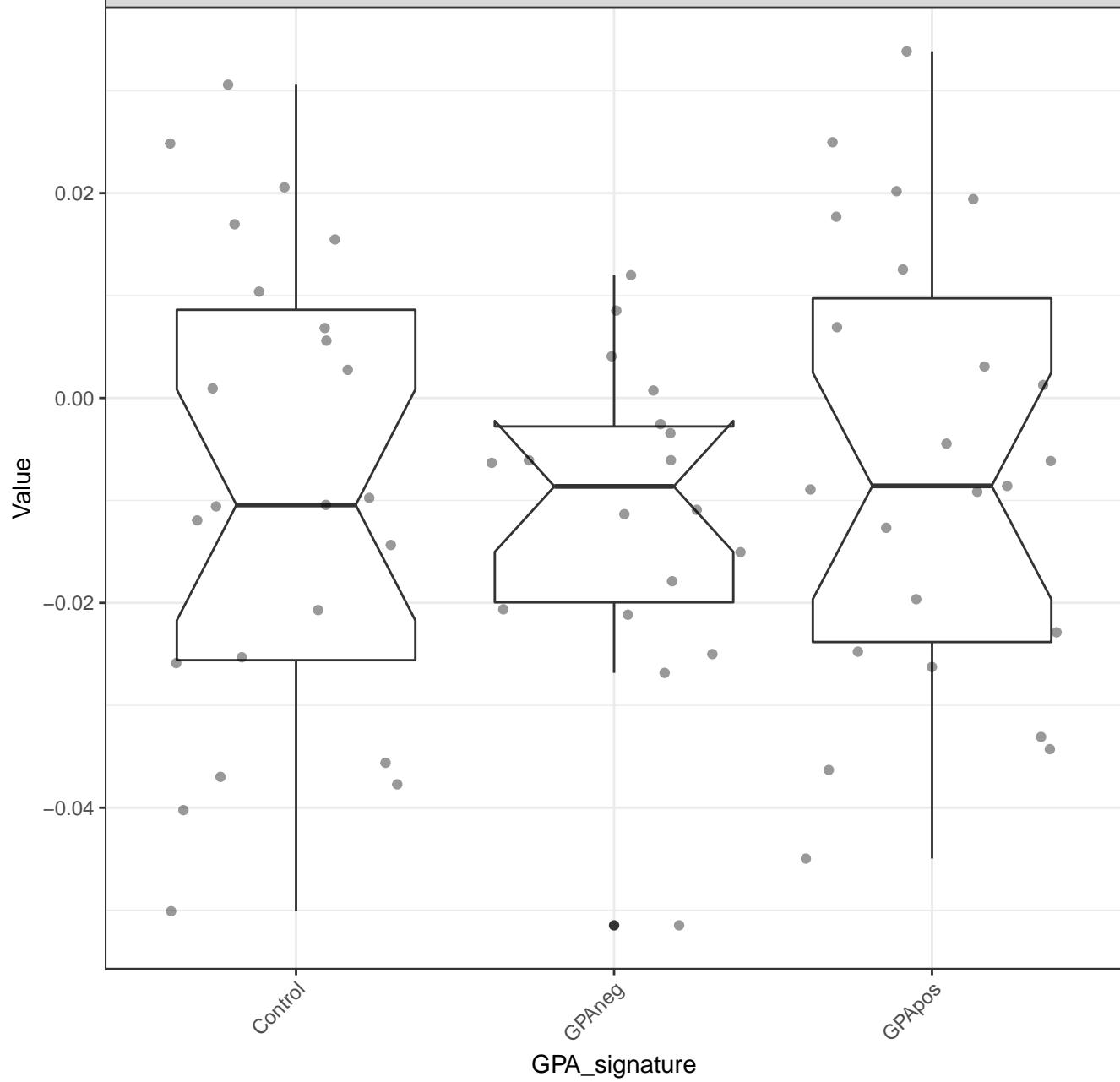
LV 275



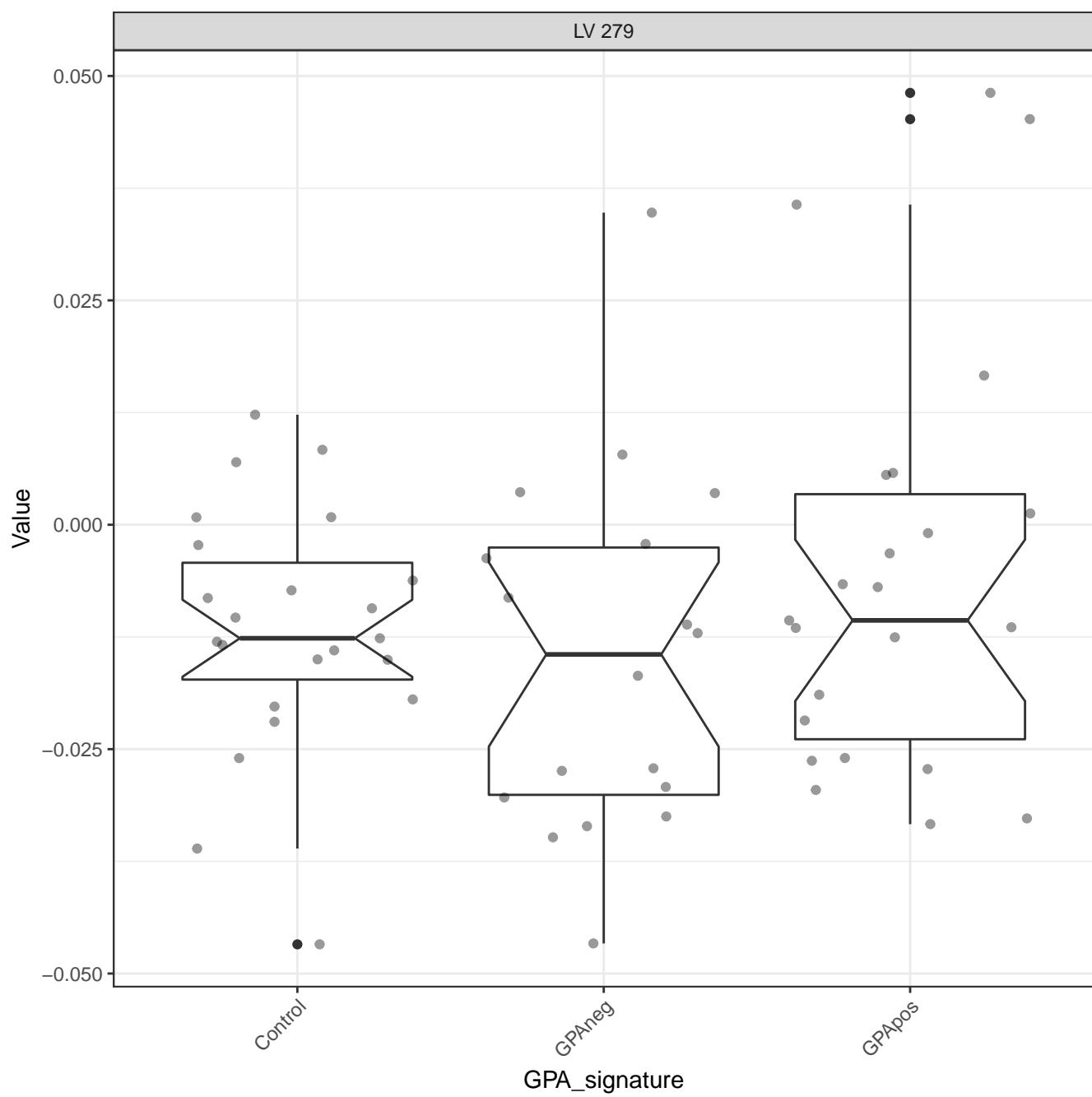
LV 276







LV 279



LV 280

Value

0.04

0.02

0.00

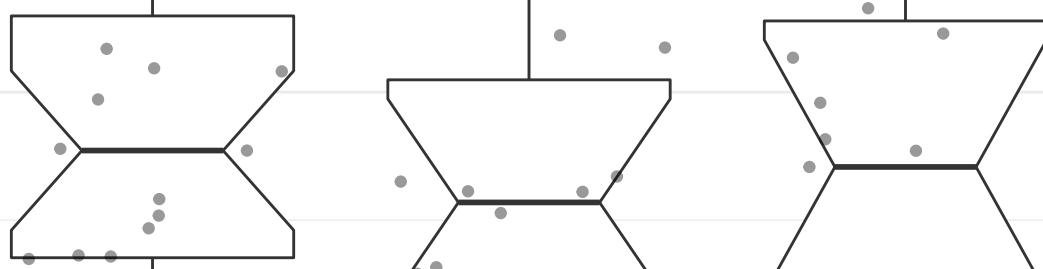
-0.02

Control

GPA_signature

GPAneg

GPAPos



LV 281

Value

0.050

0.025

0.000

-0.025

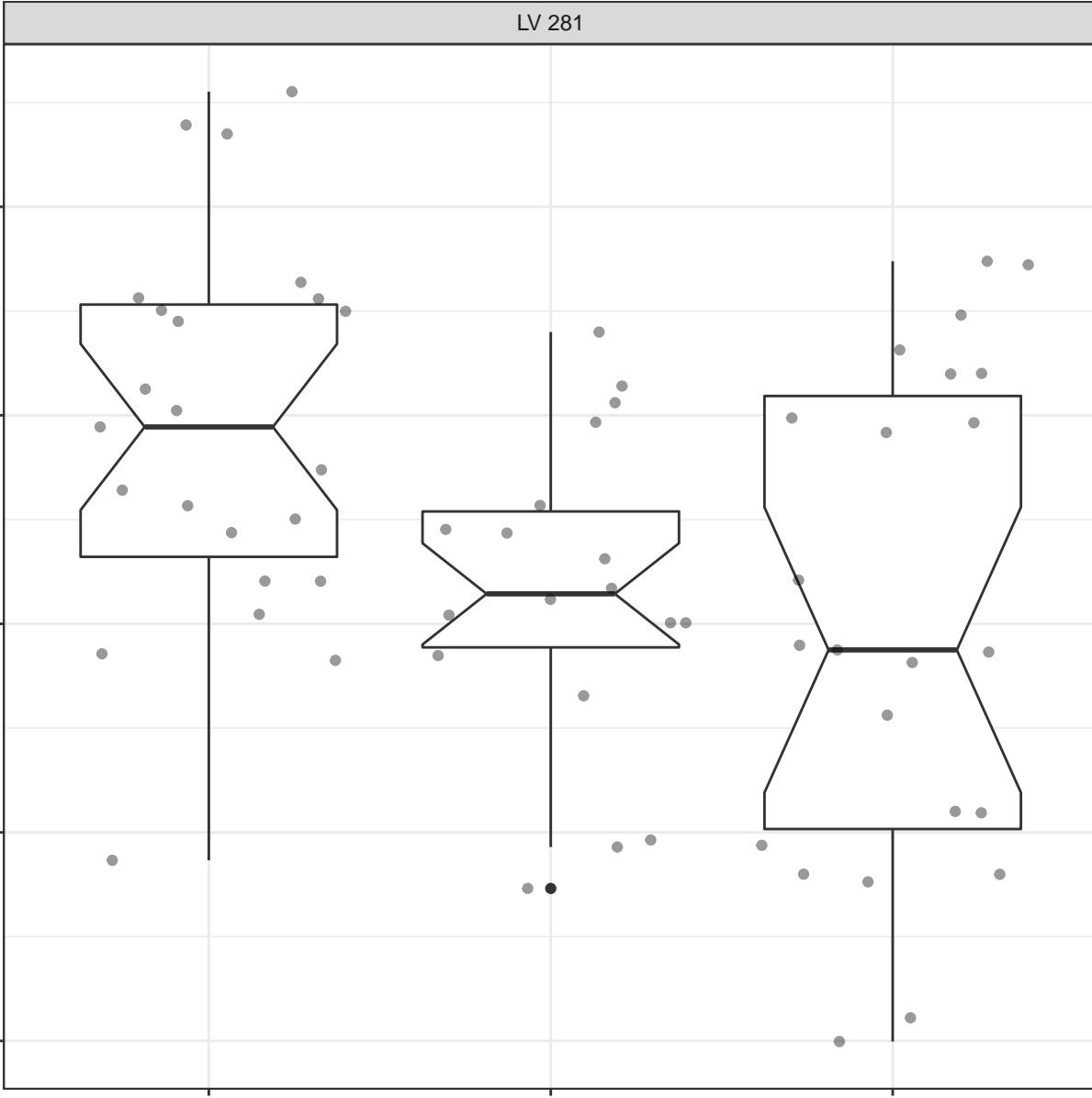
-0.050

Control

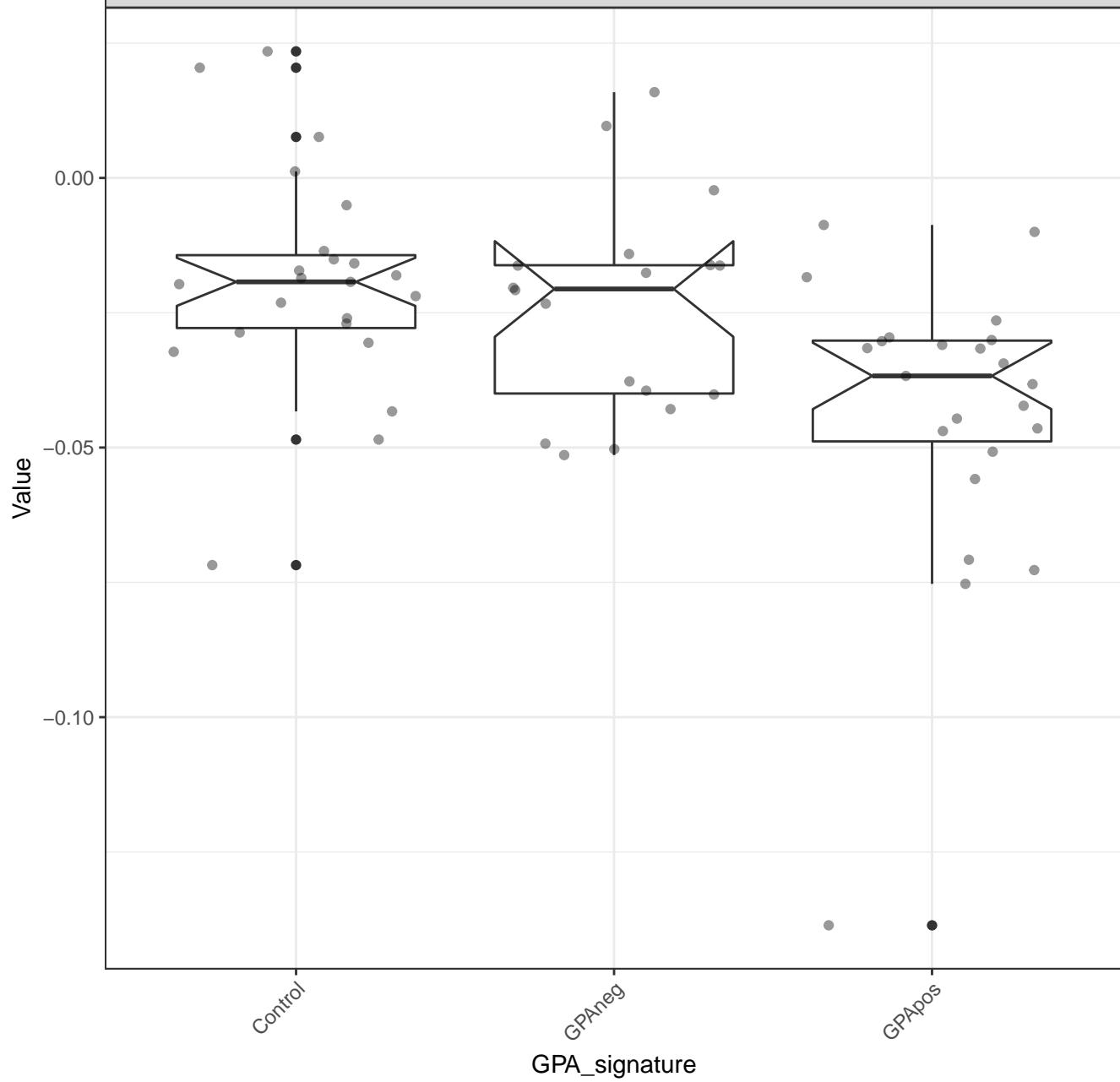
GPA_signature

GPAneg

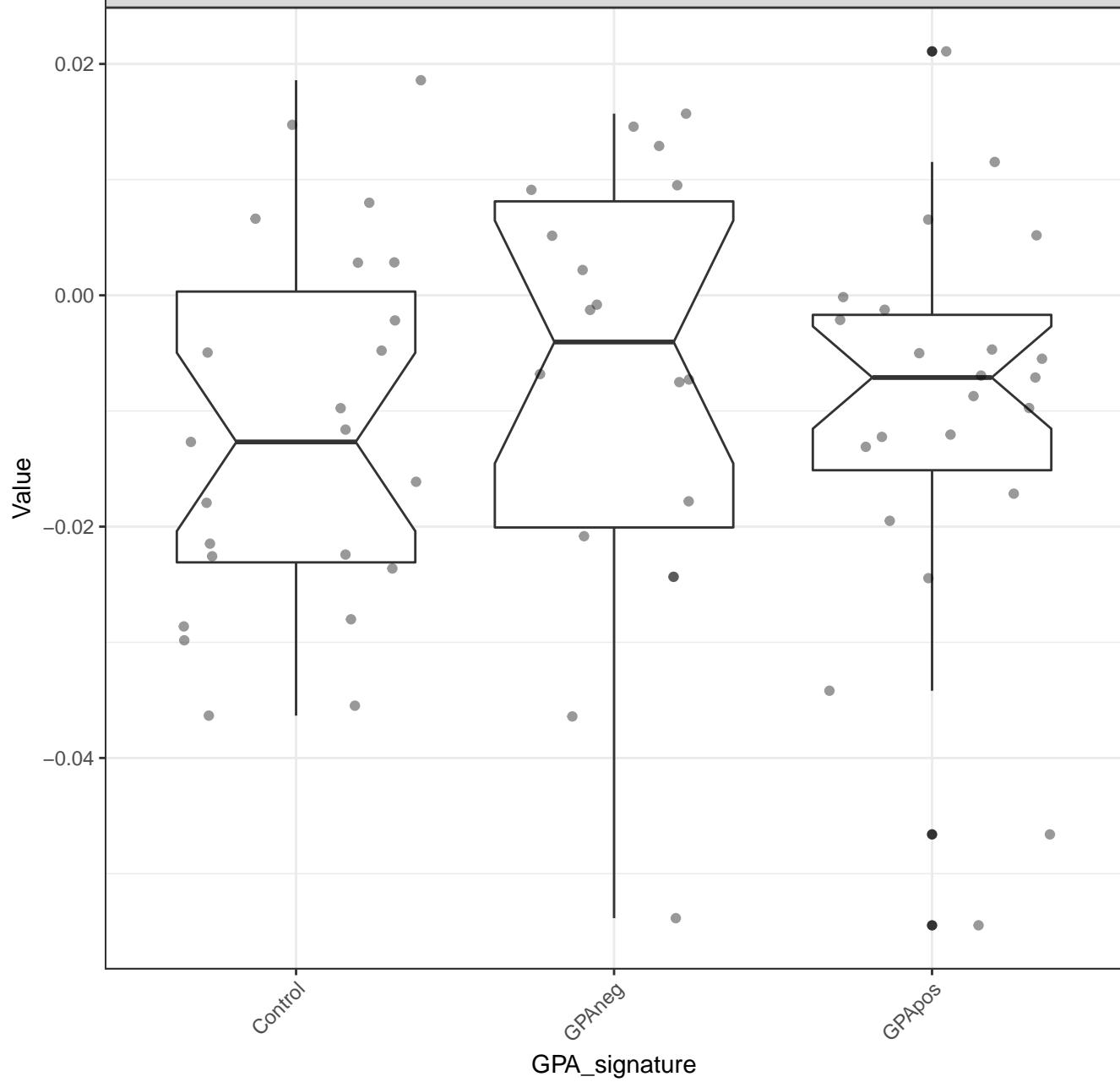
GPAPos



LV 282



LV 283



Value

0.05

0.00

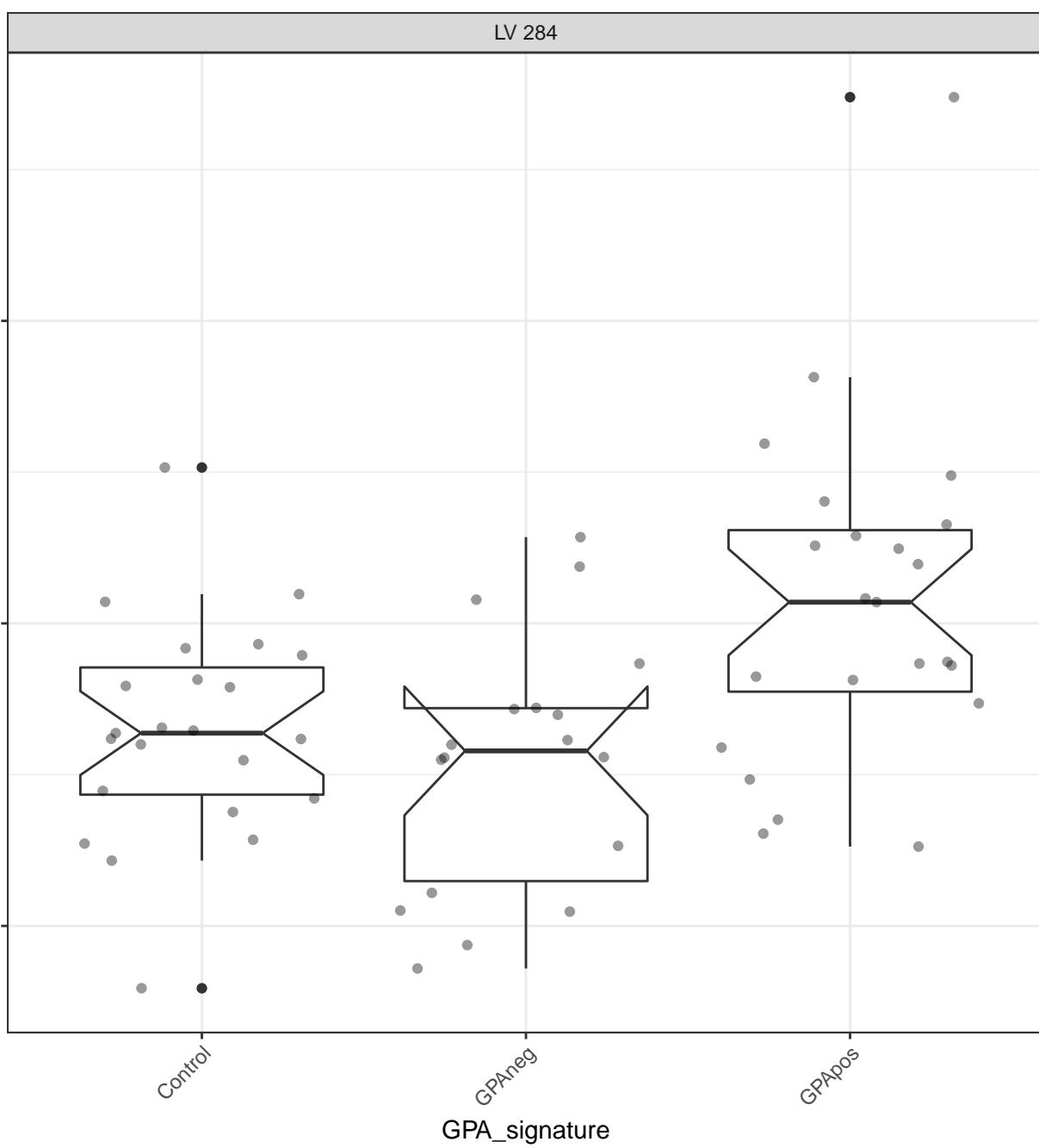
-0.05

Control

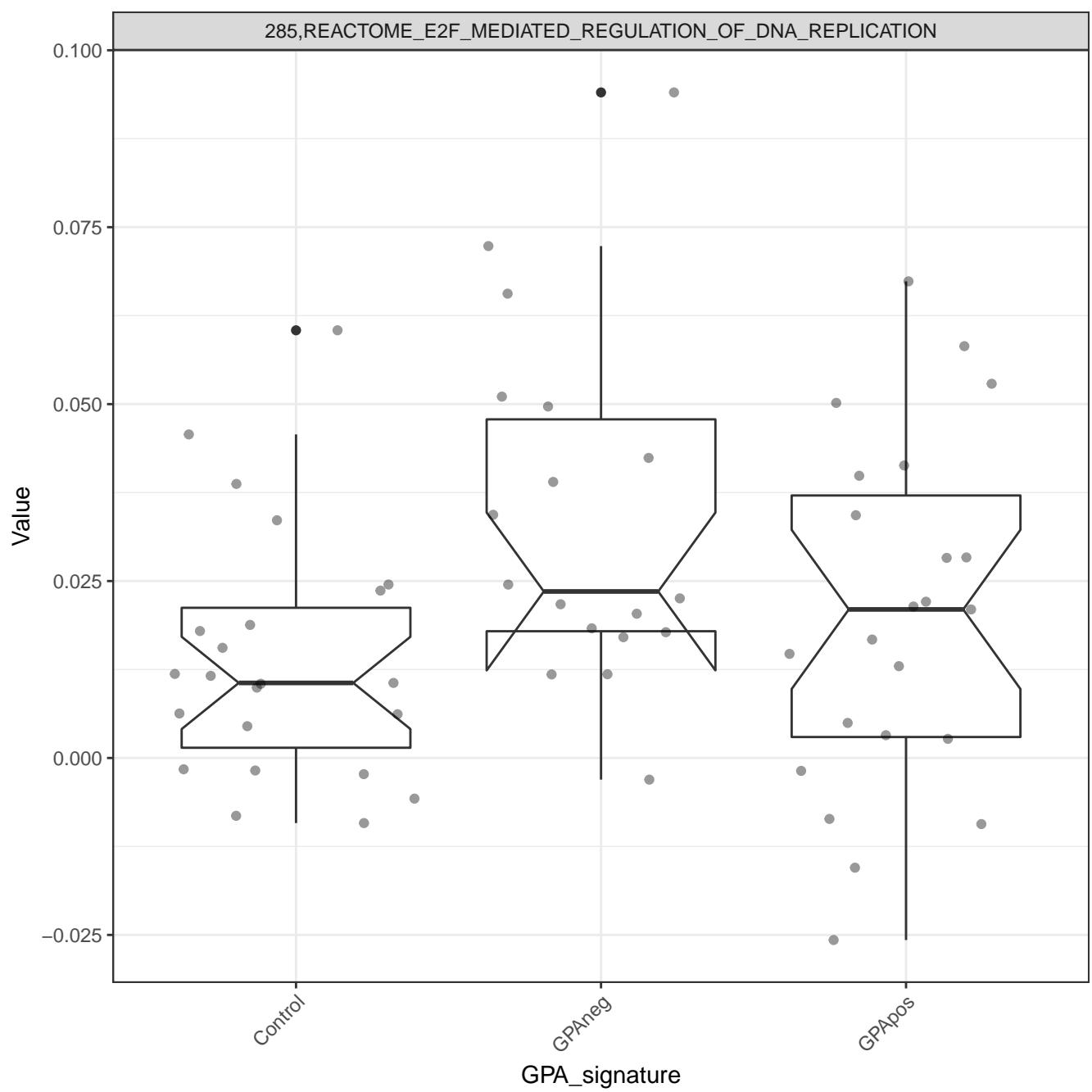
GPA_signature

GPAneg

GPAPos



285,REACTOME_E2F_MEDIATED_REGULATION_OF_DNA_REPLICATION



LV 286

Value

0.10

0.05

0.00

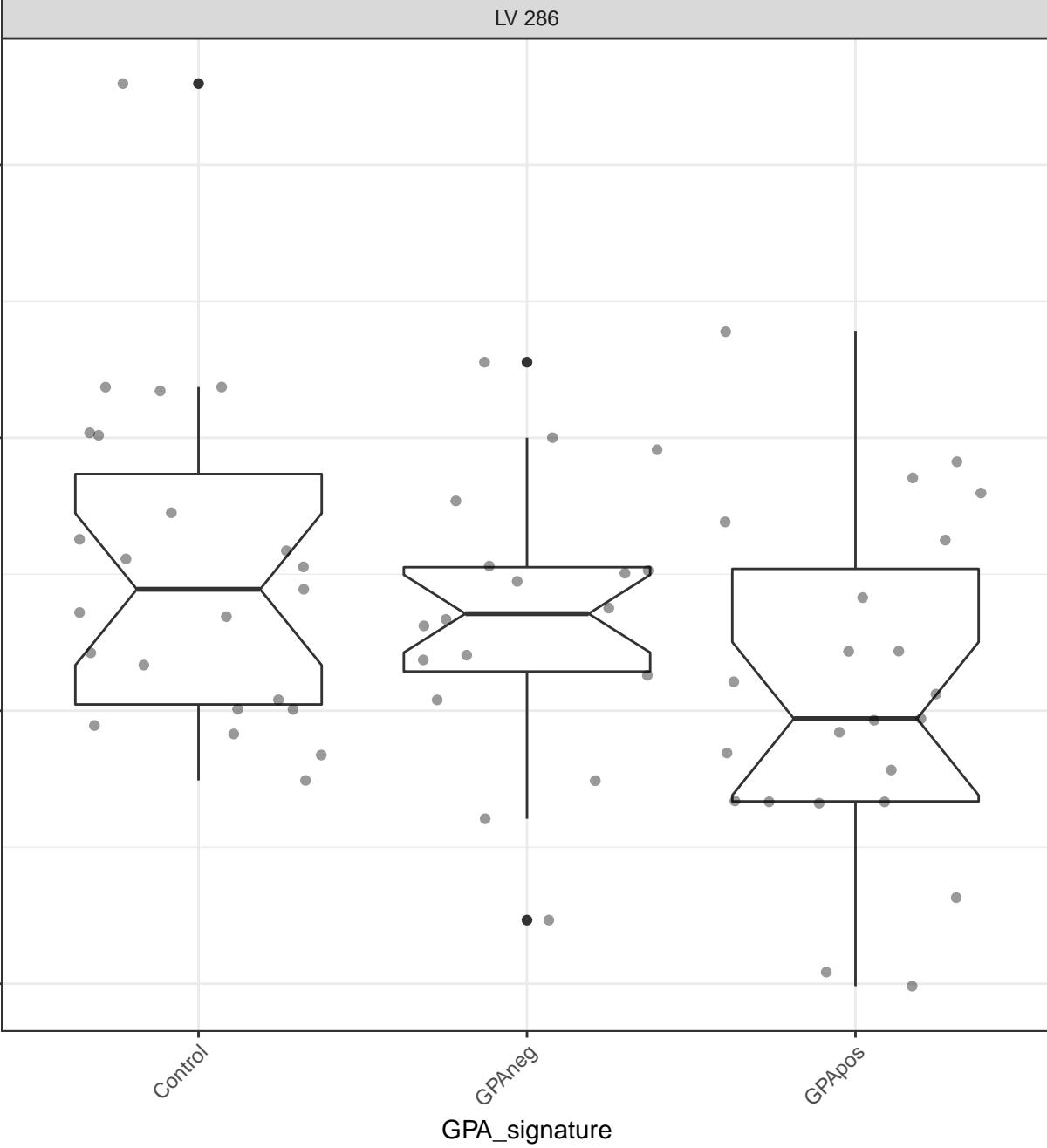
-0.05

Control

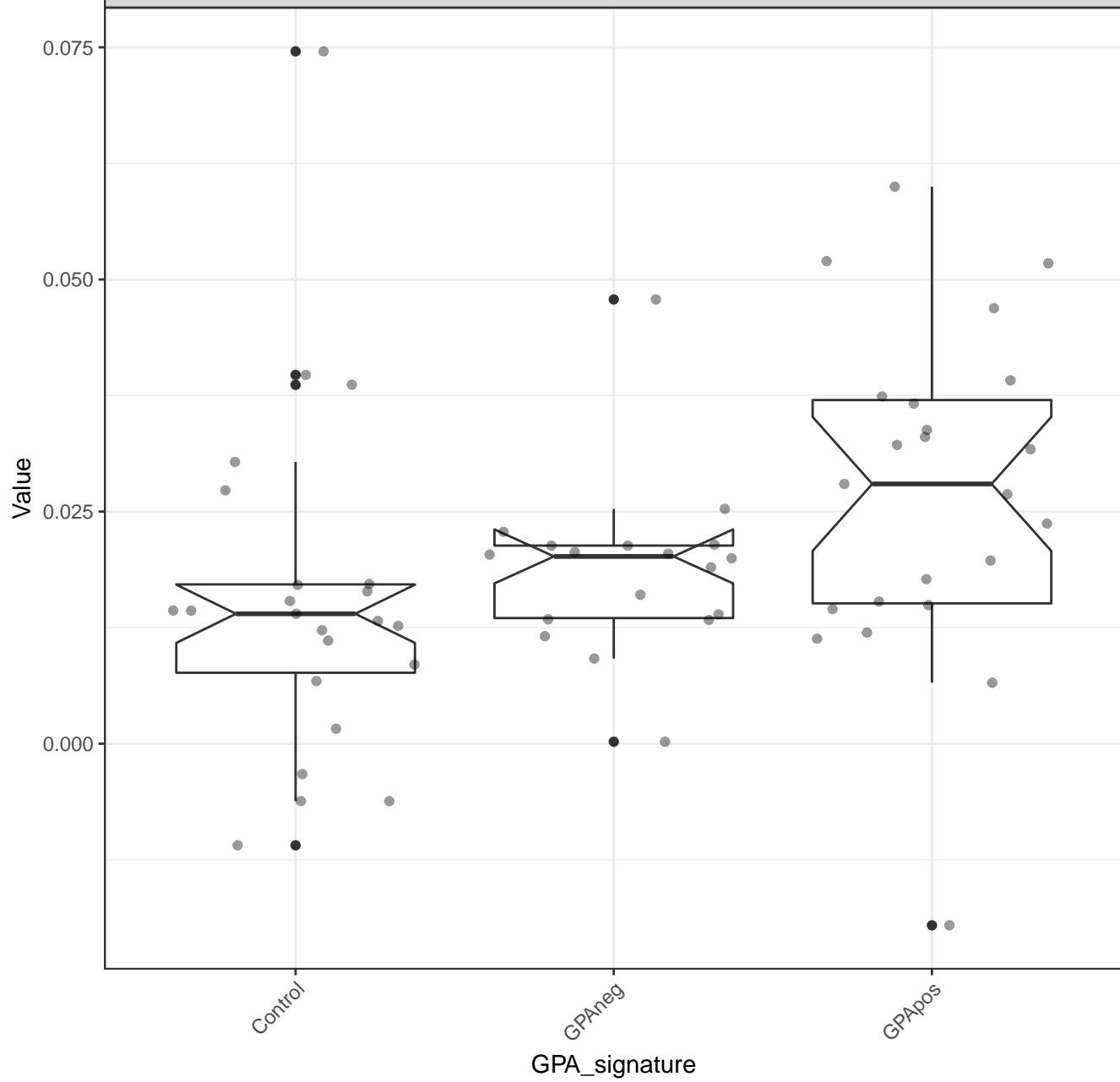
GPAneg

GPAPos

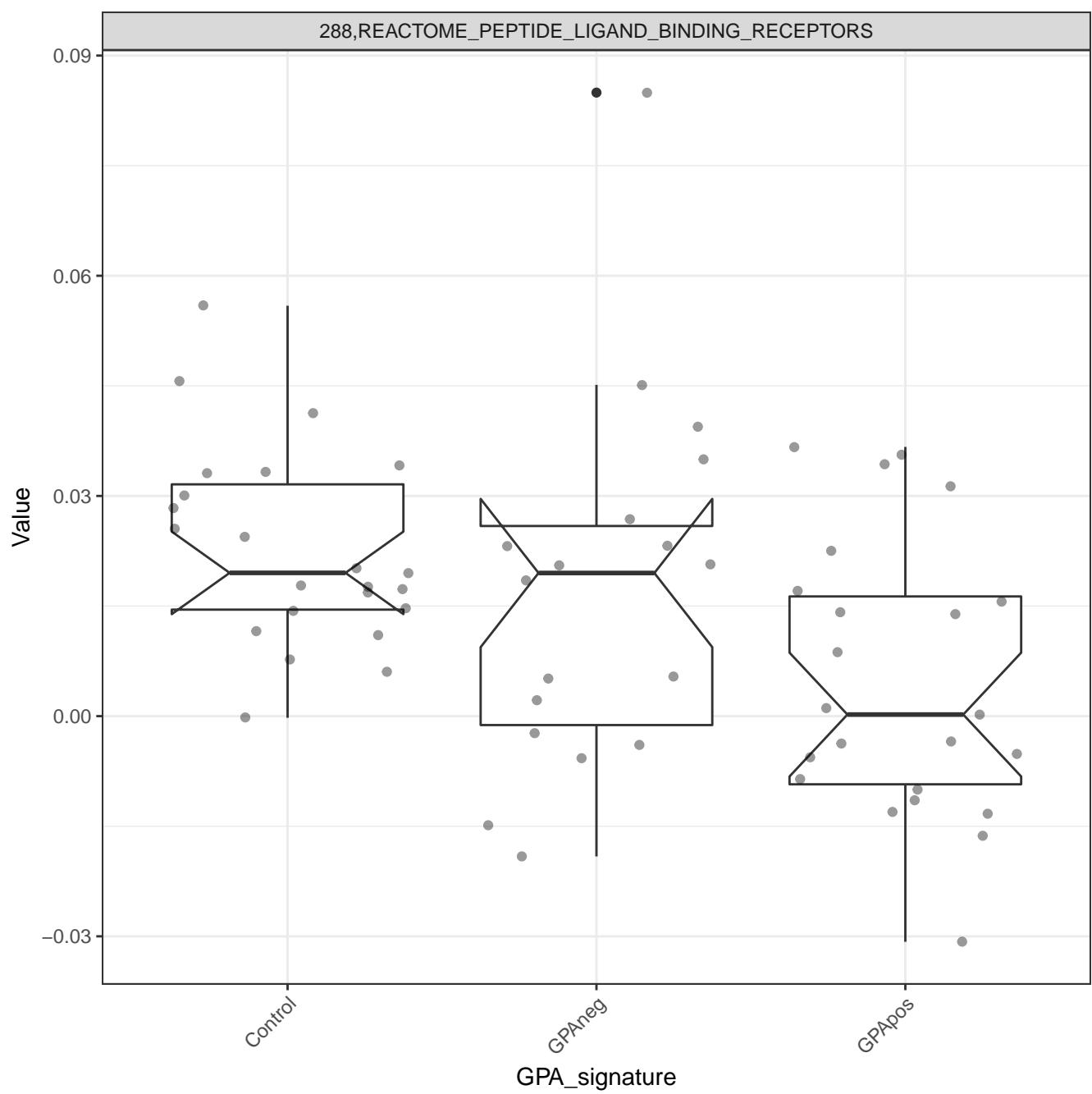
GPA_signature



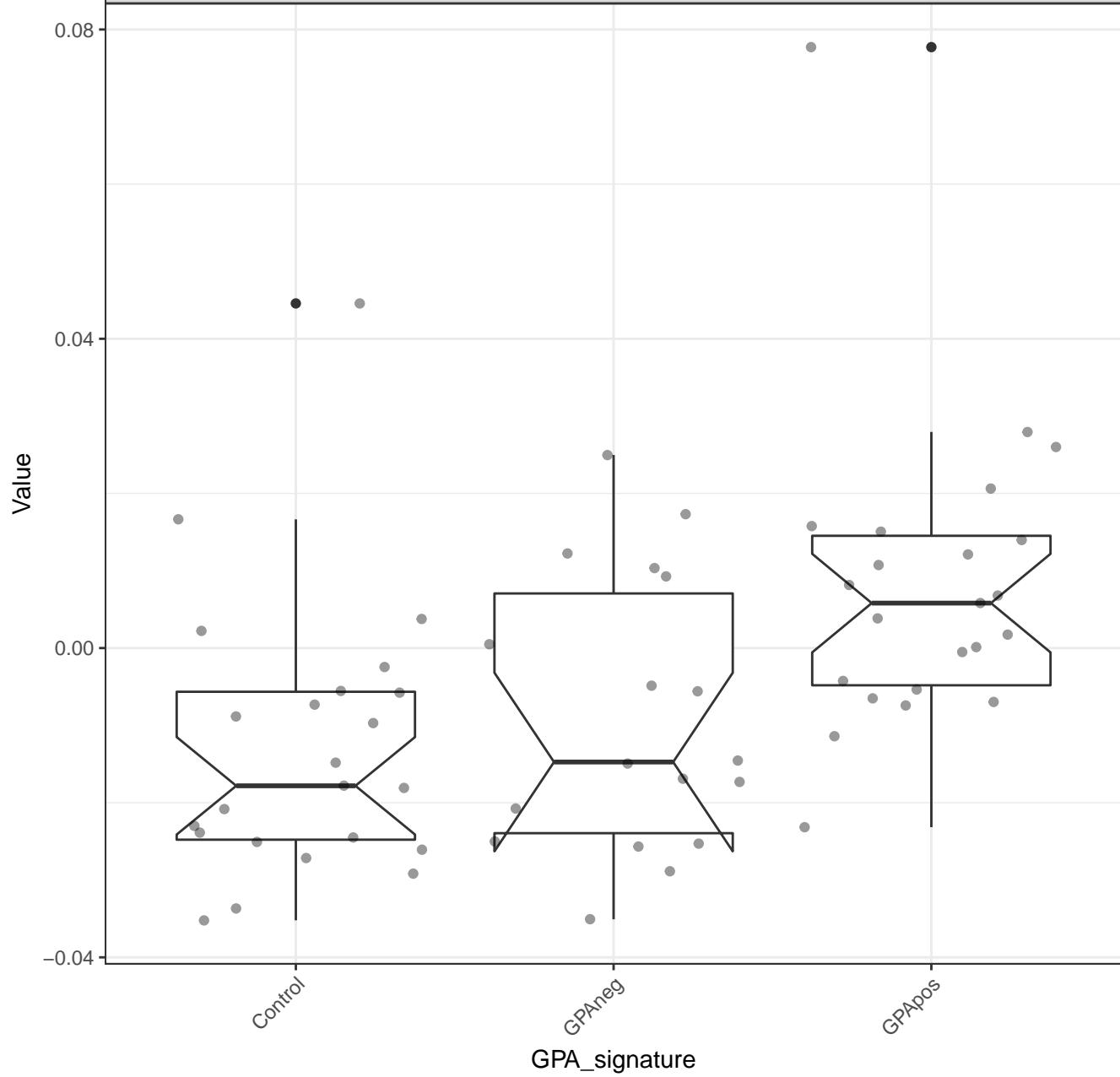
LV 287



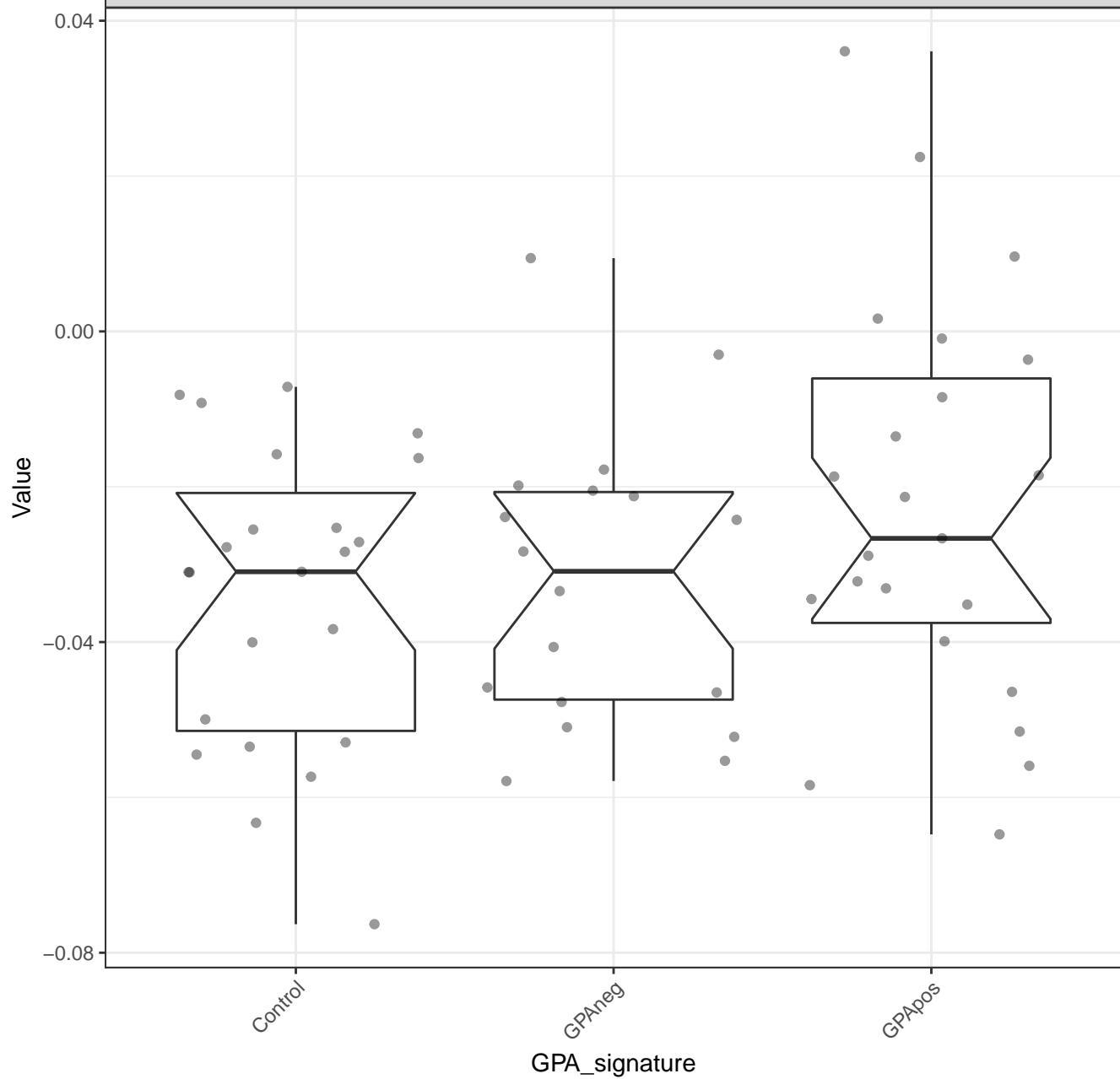
288,REACTOME_PEPTIDE_LIGAND_BINDING_RECEPTEORS



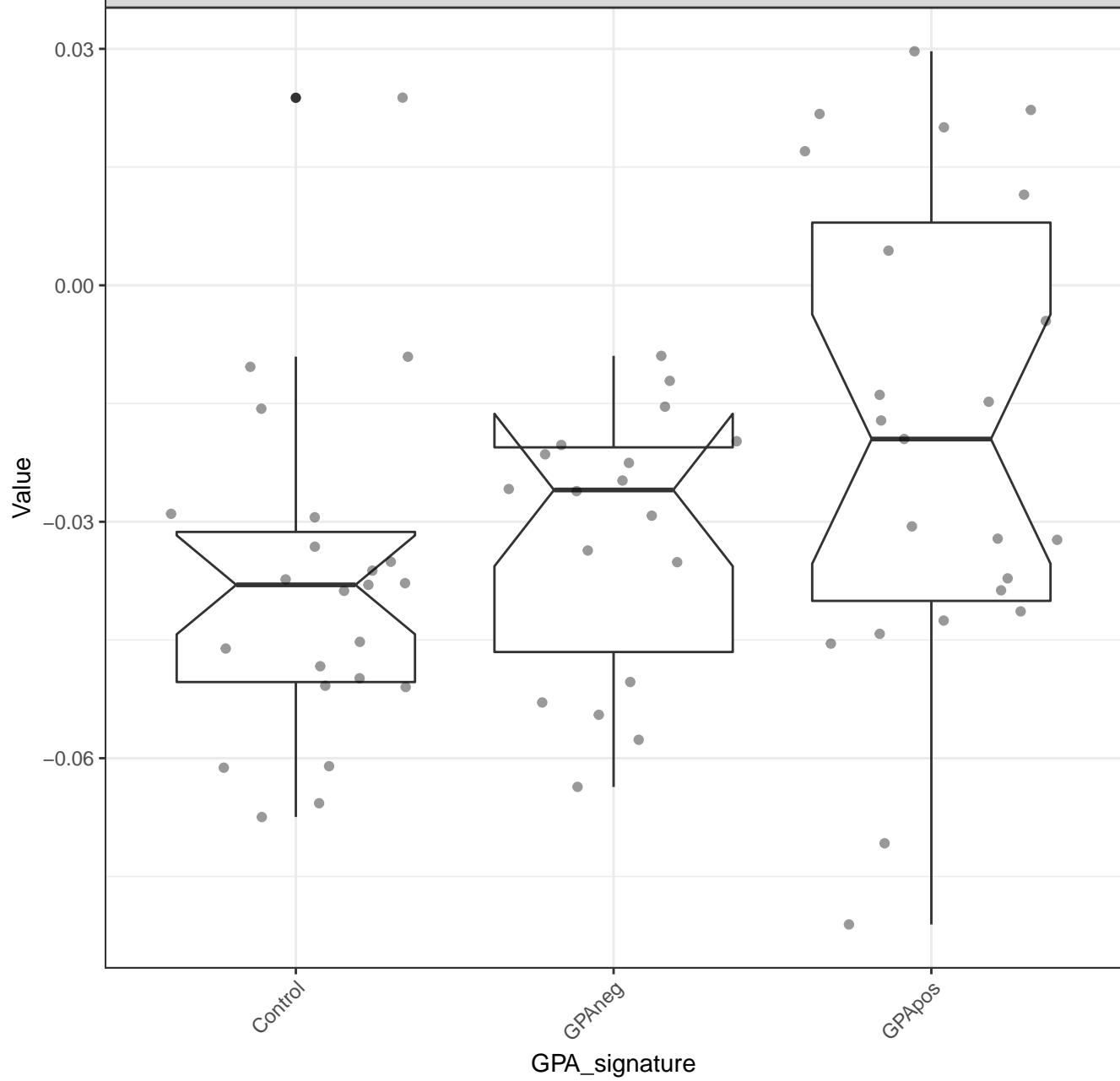
LV 289



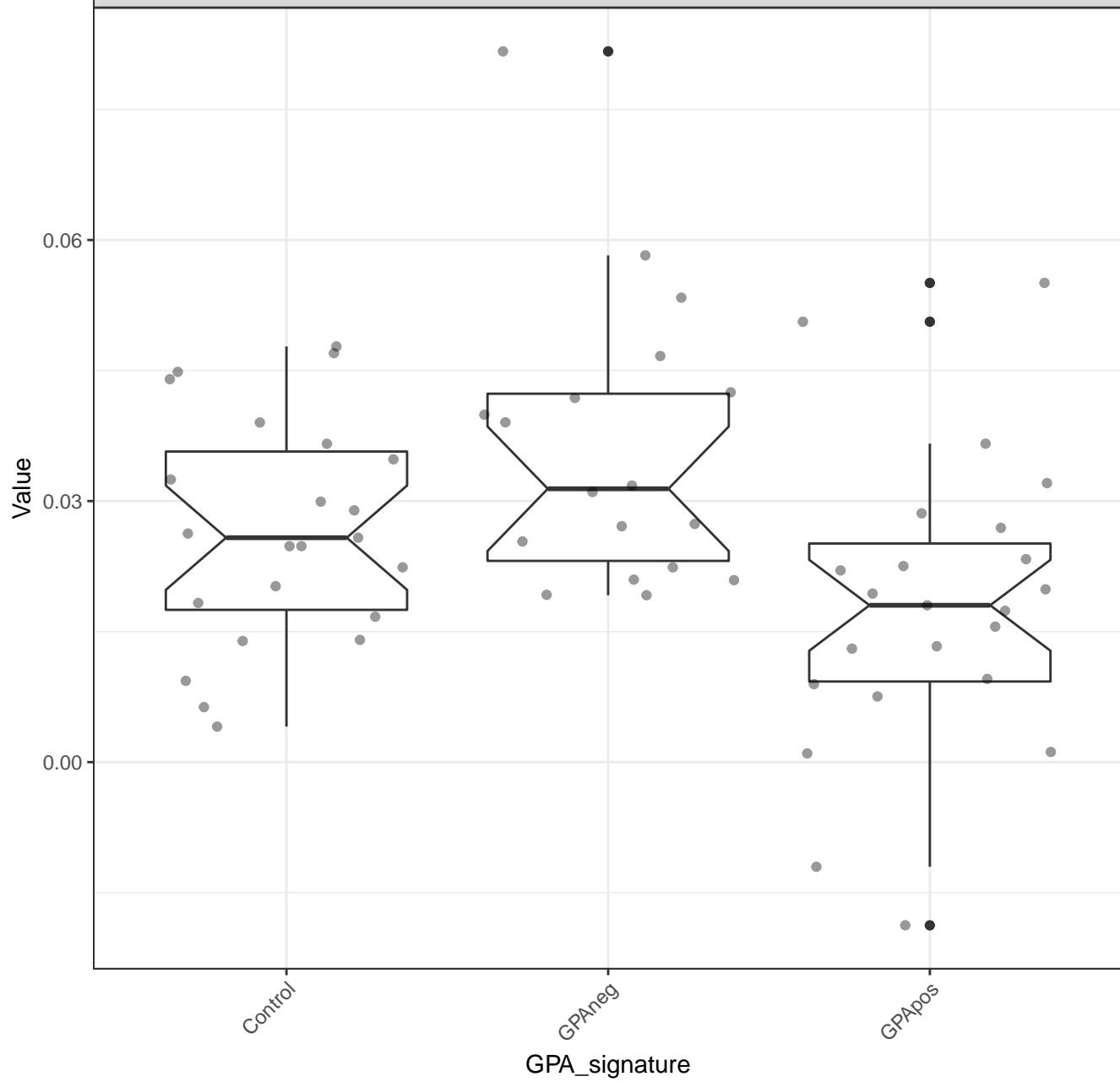
LV 290



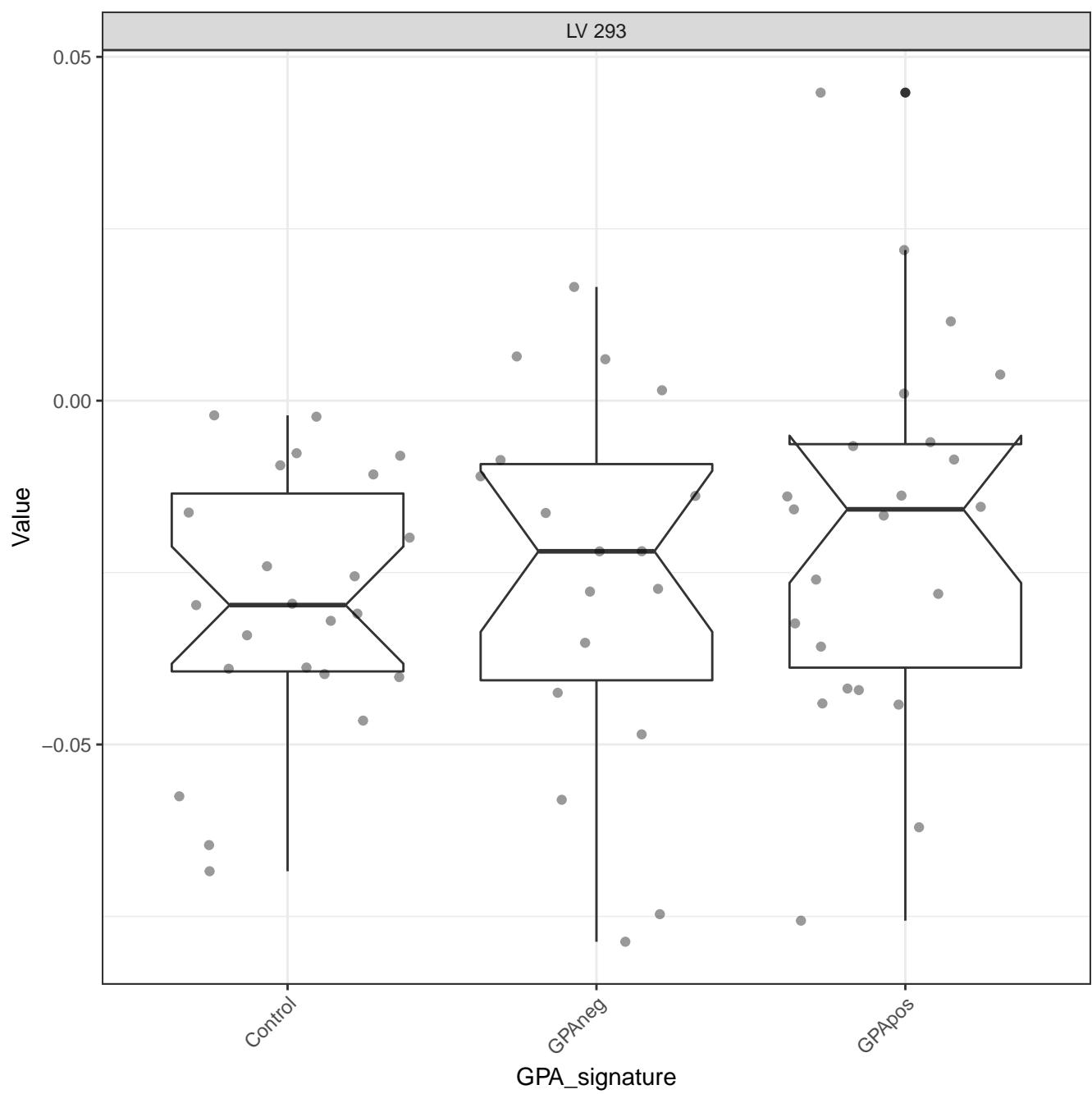
LV 291



LV 292



LV 293



LV 294

Value

0.04

0.02

0.00

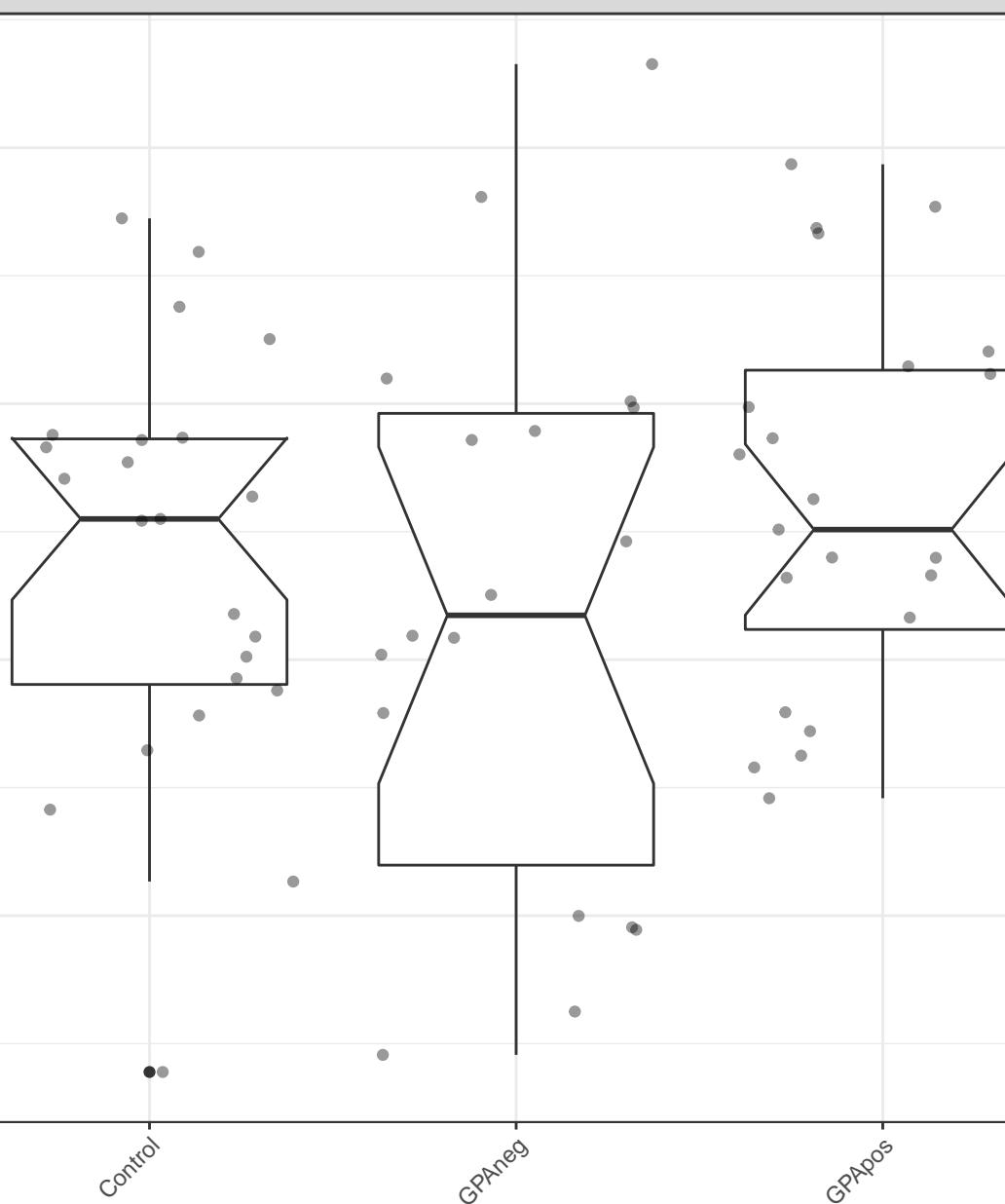
-0.02

Control

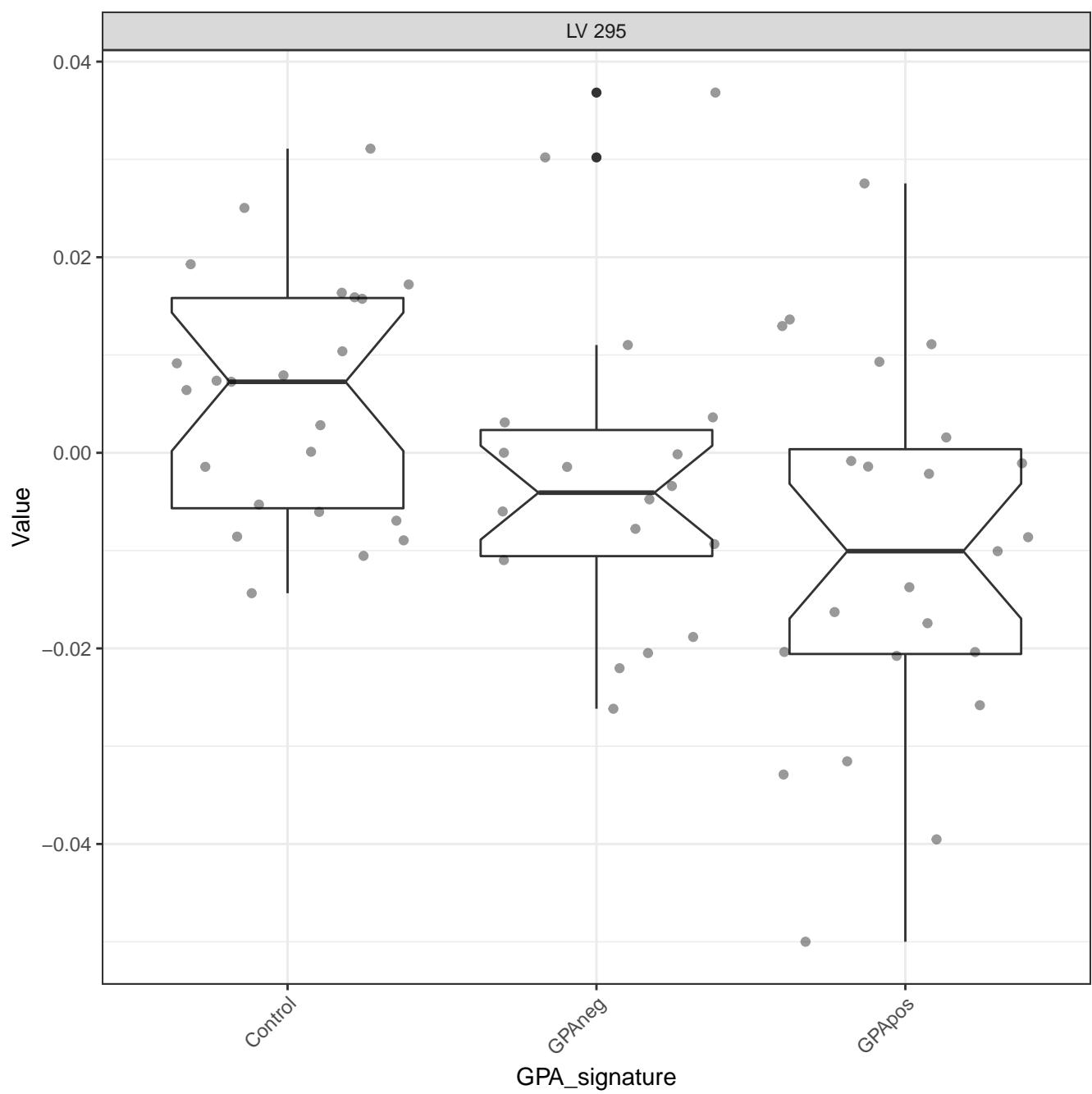
GPAneg

GPAPos

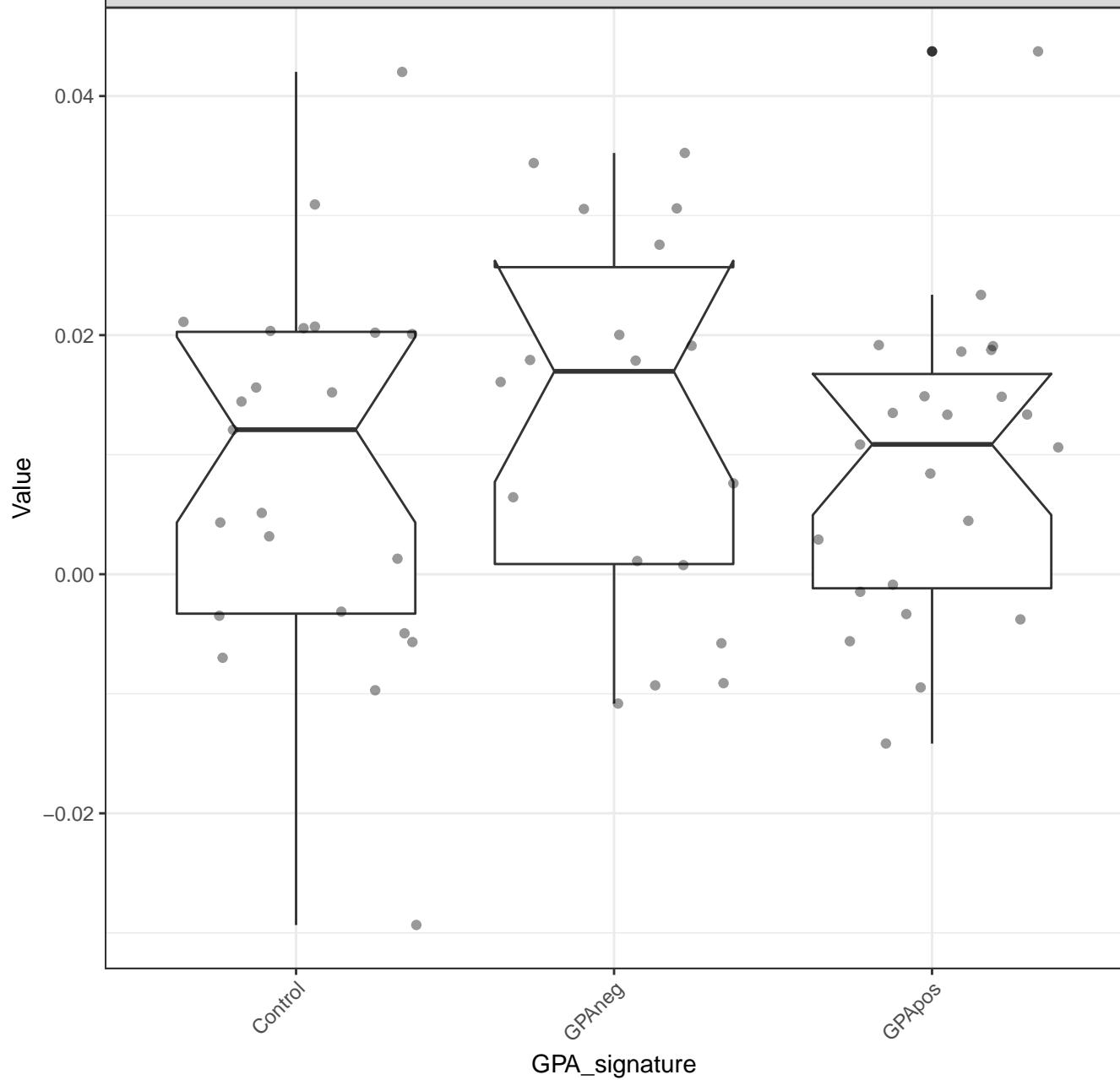
GPA_signature



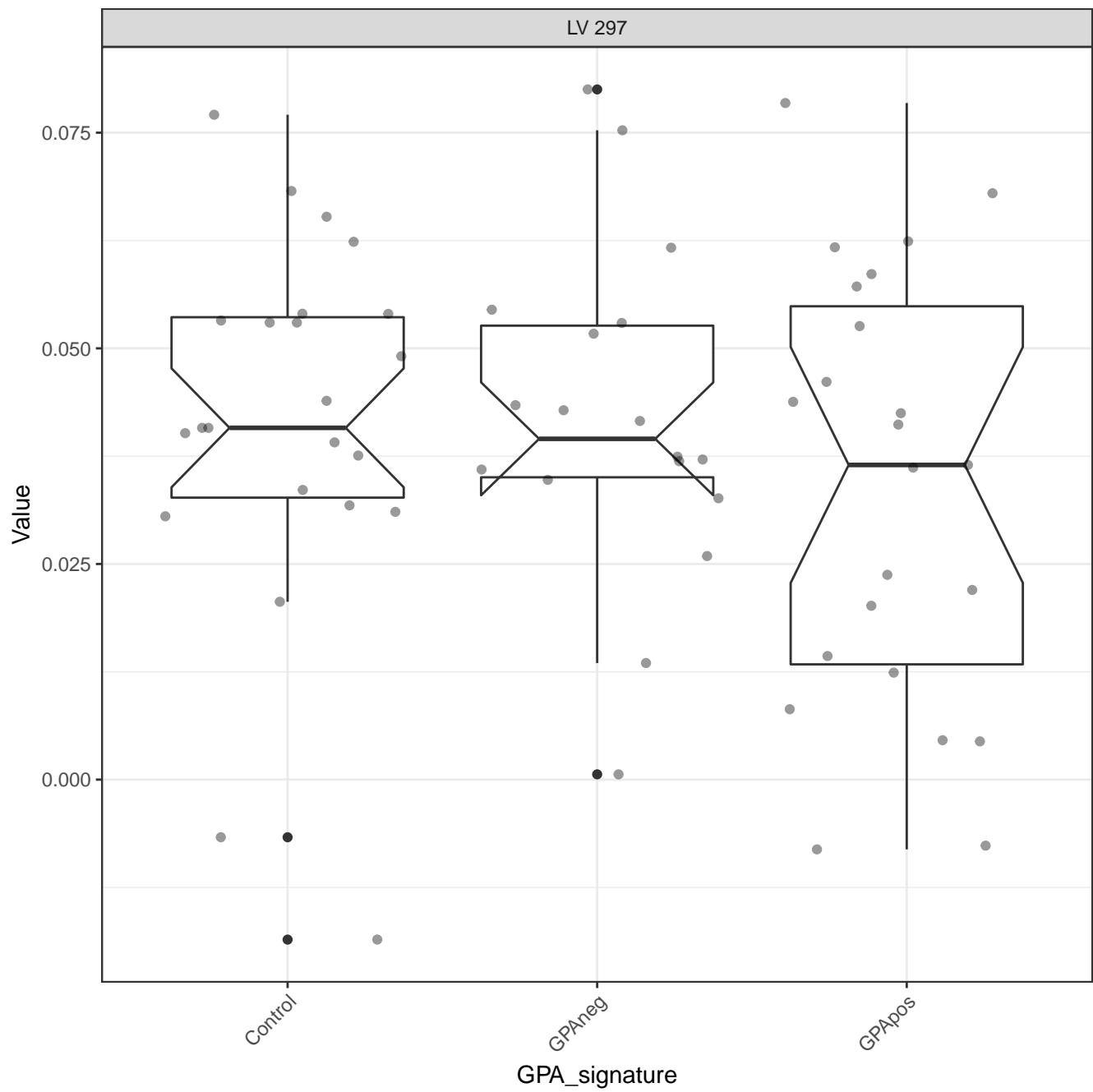
LV 295



296,REACTOME_TELOMERE_MAINTENANCE



LV 297



LV 298

Value

0.05

0.00

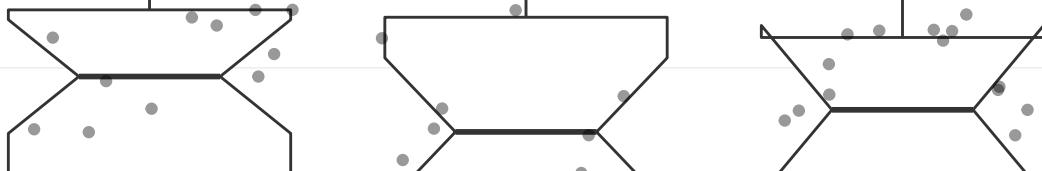
-0.05

Control

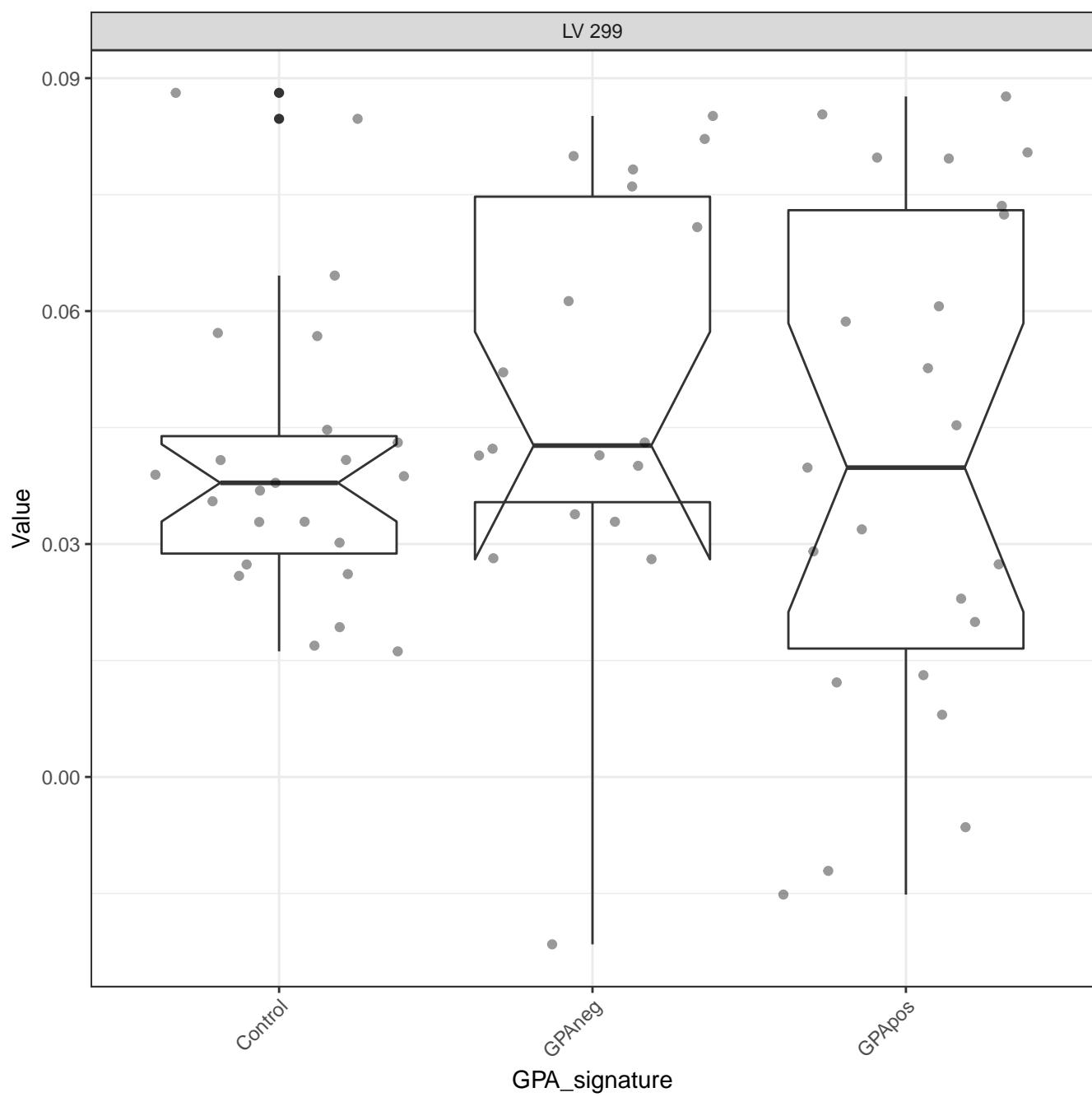
GPAneg

GPAPos

GPA_signature



LV 299



300,REACTOME_REGULATION_OF_APOPTOSIS

Value

0.050

0.025

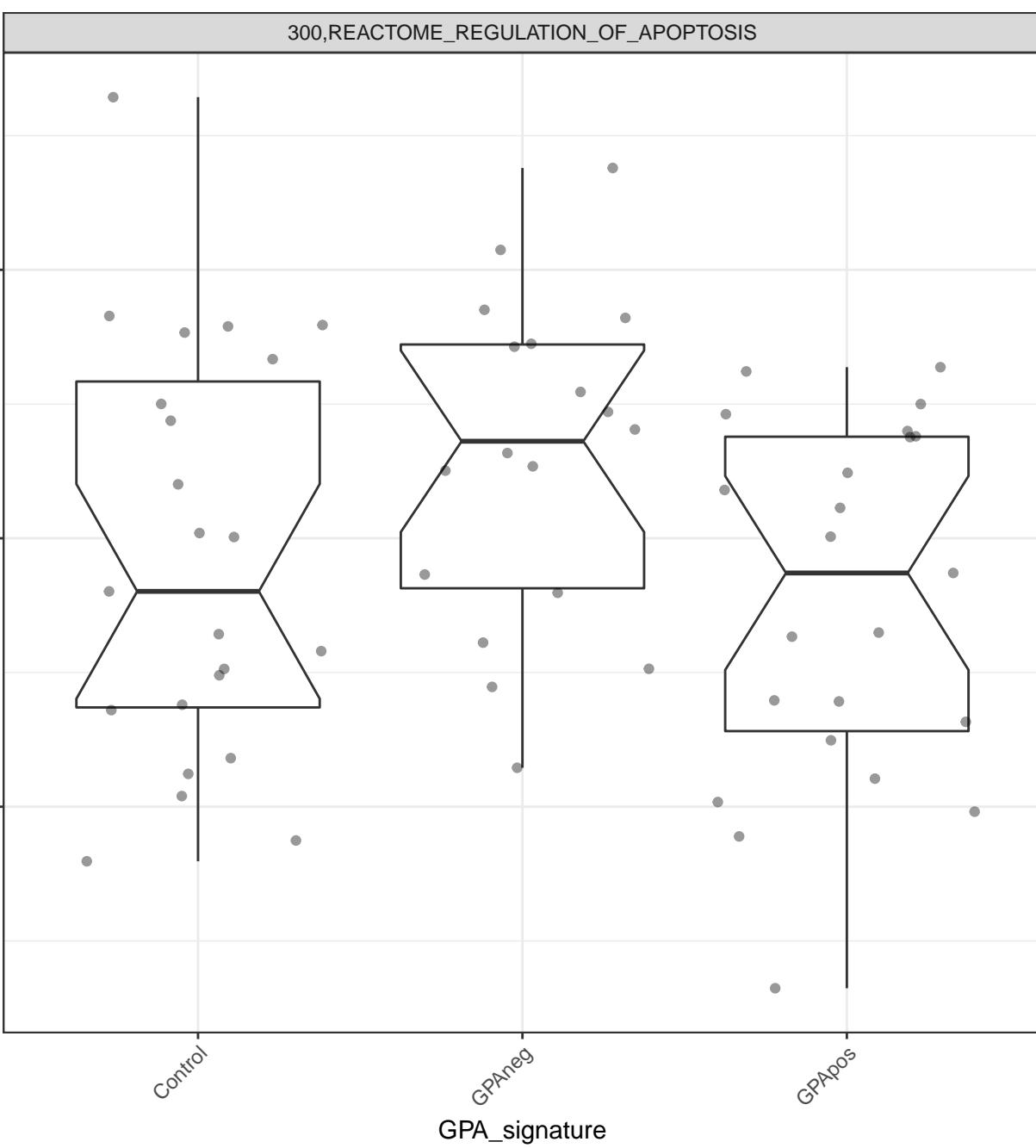
0.000

Control

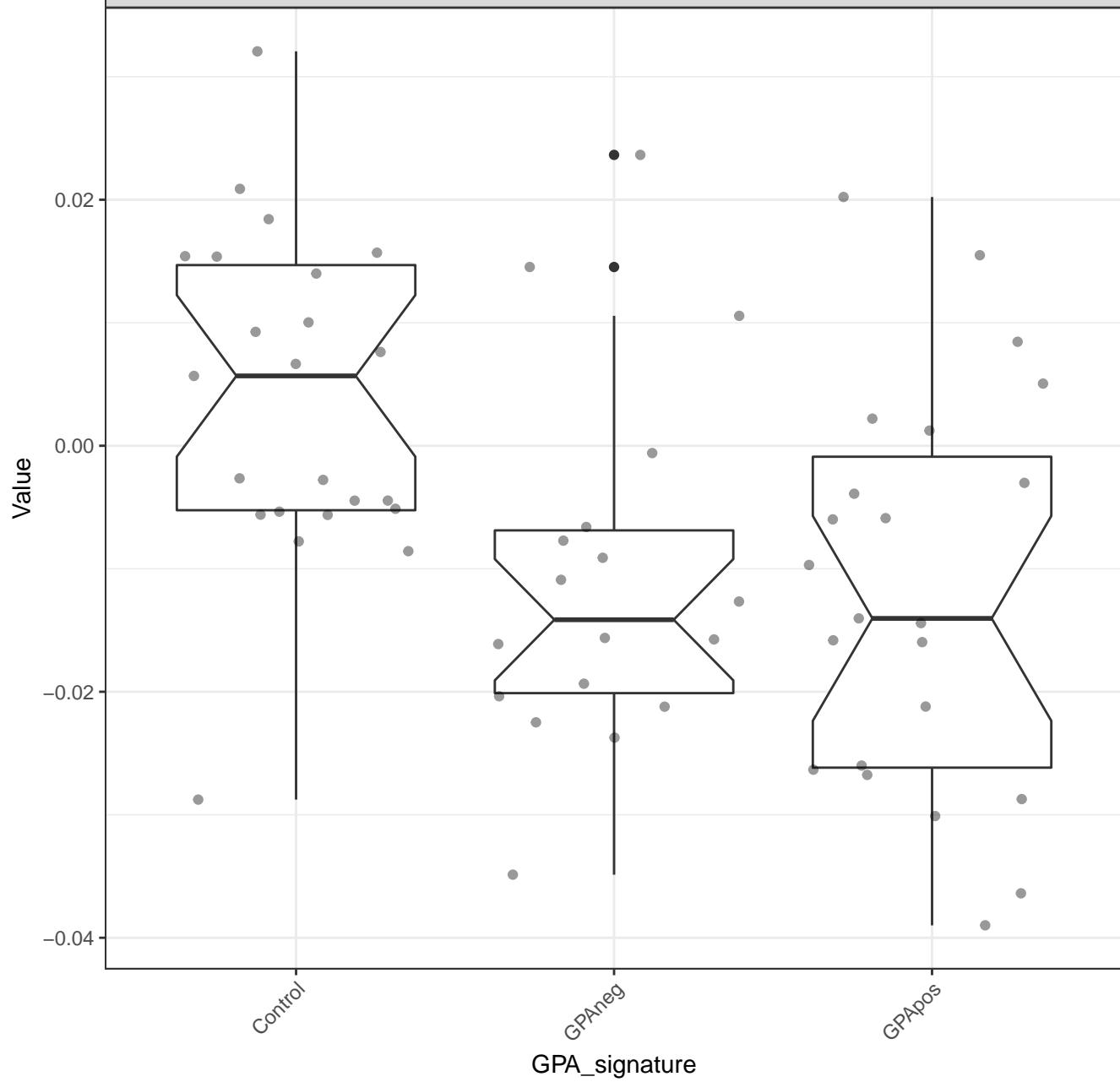
GPA_signature

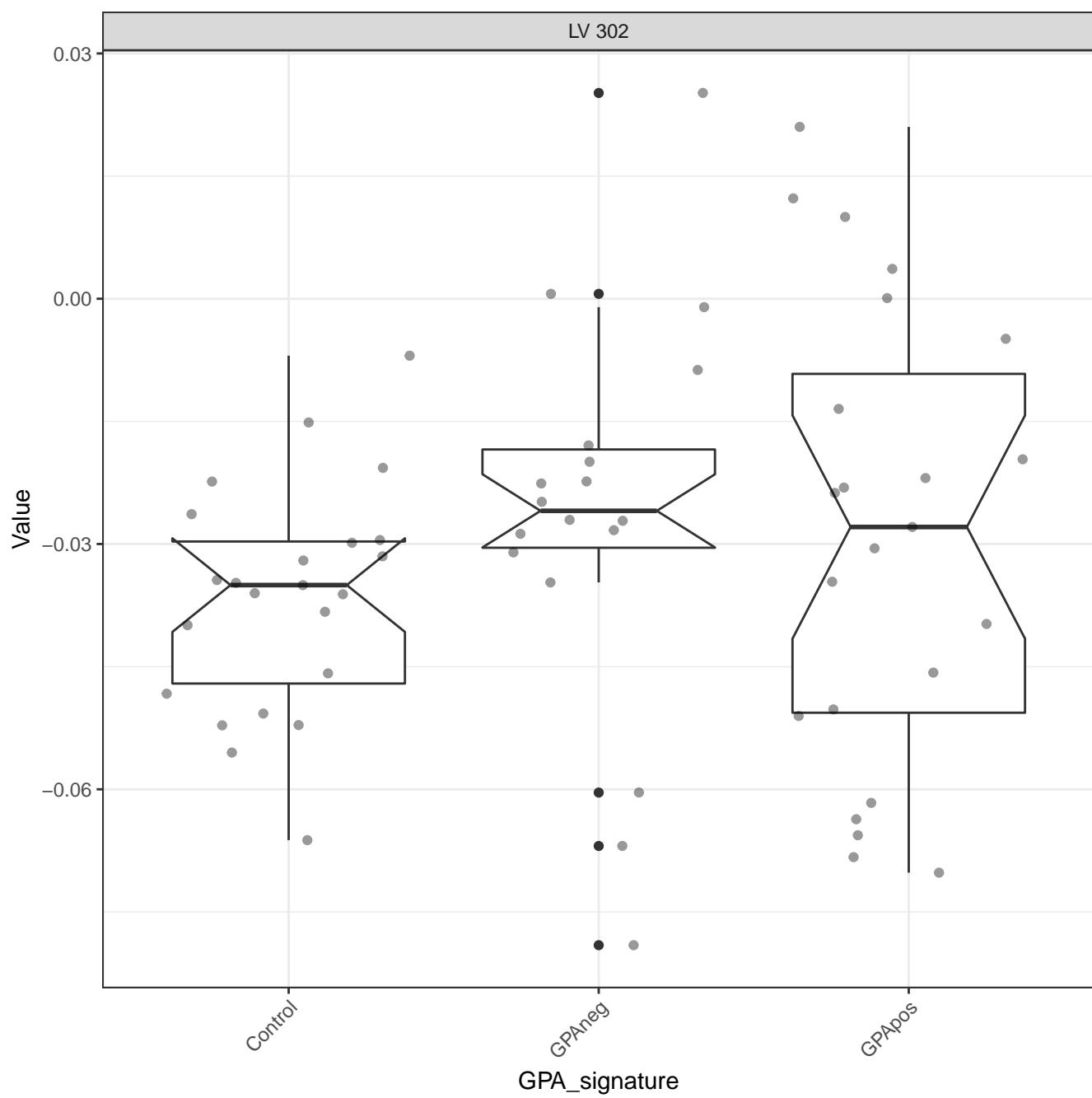
GPNeg

GPApos

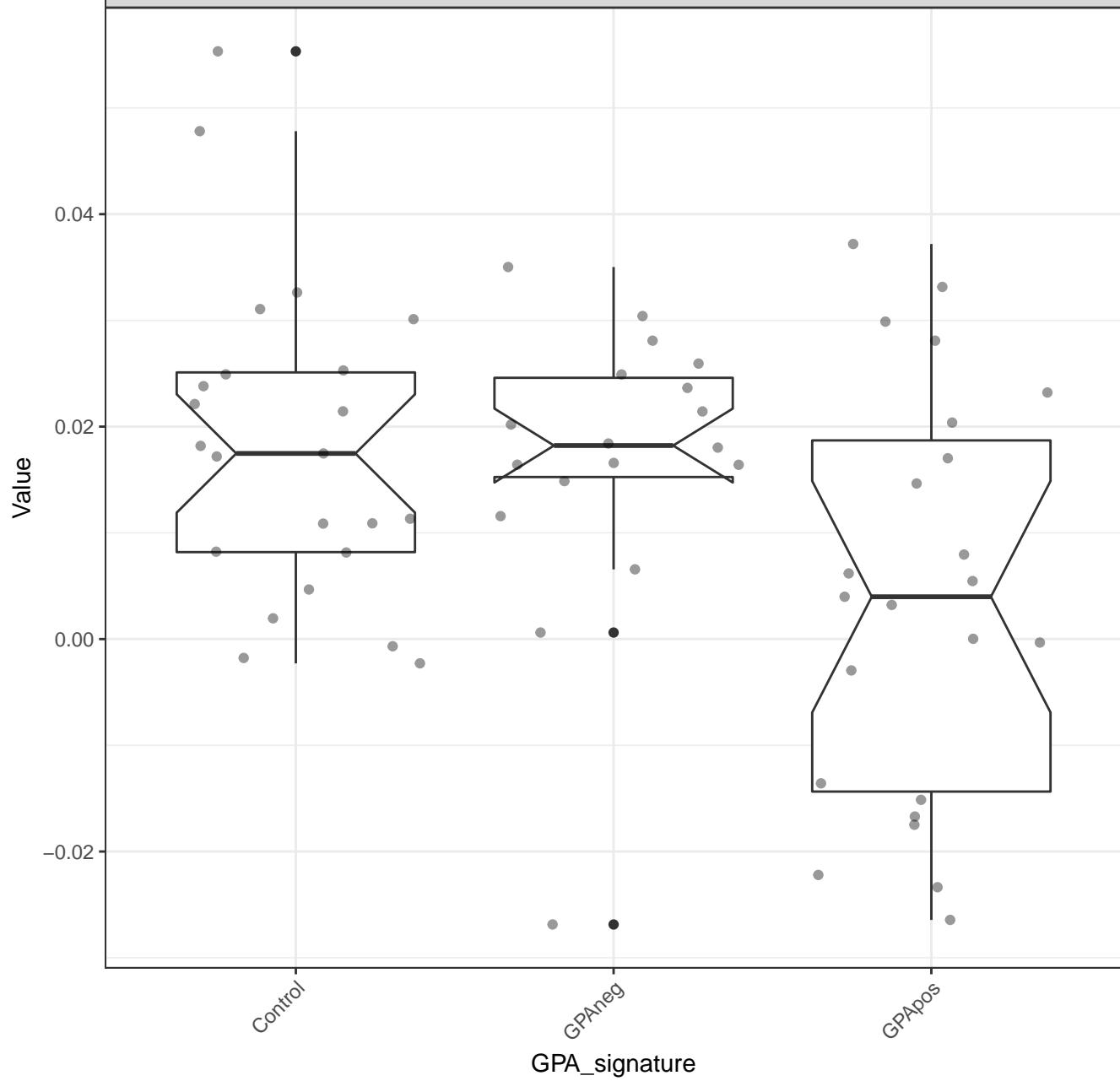


LV 301





LV 303



LV 304

Value

0.02

0.01

-0.01

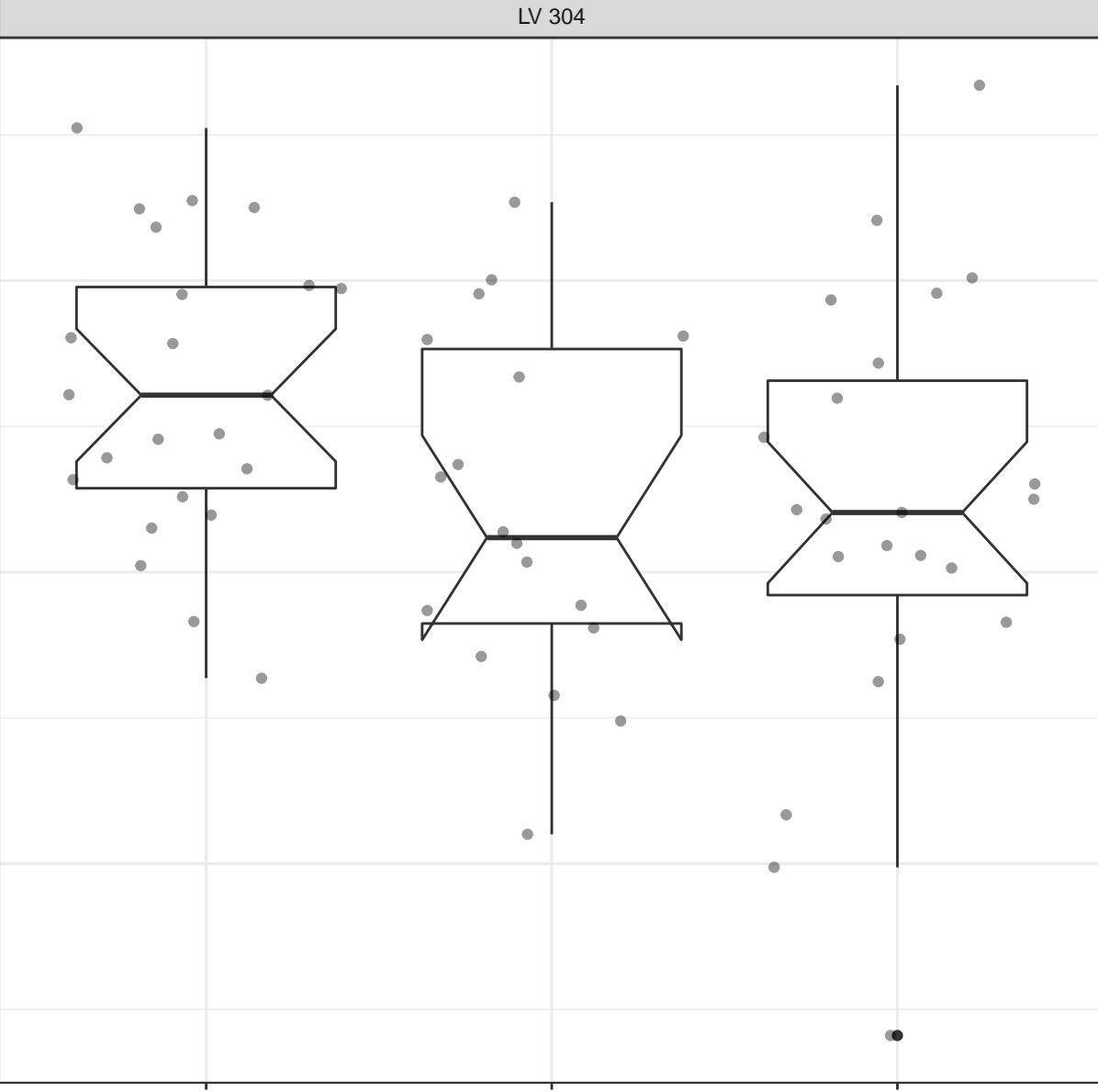
-0.02

Control

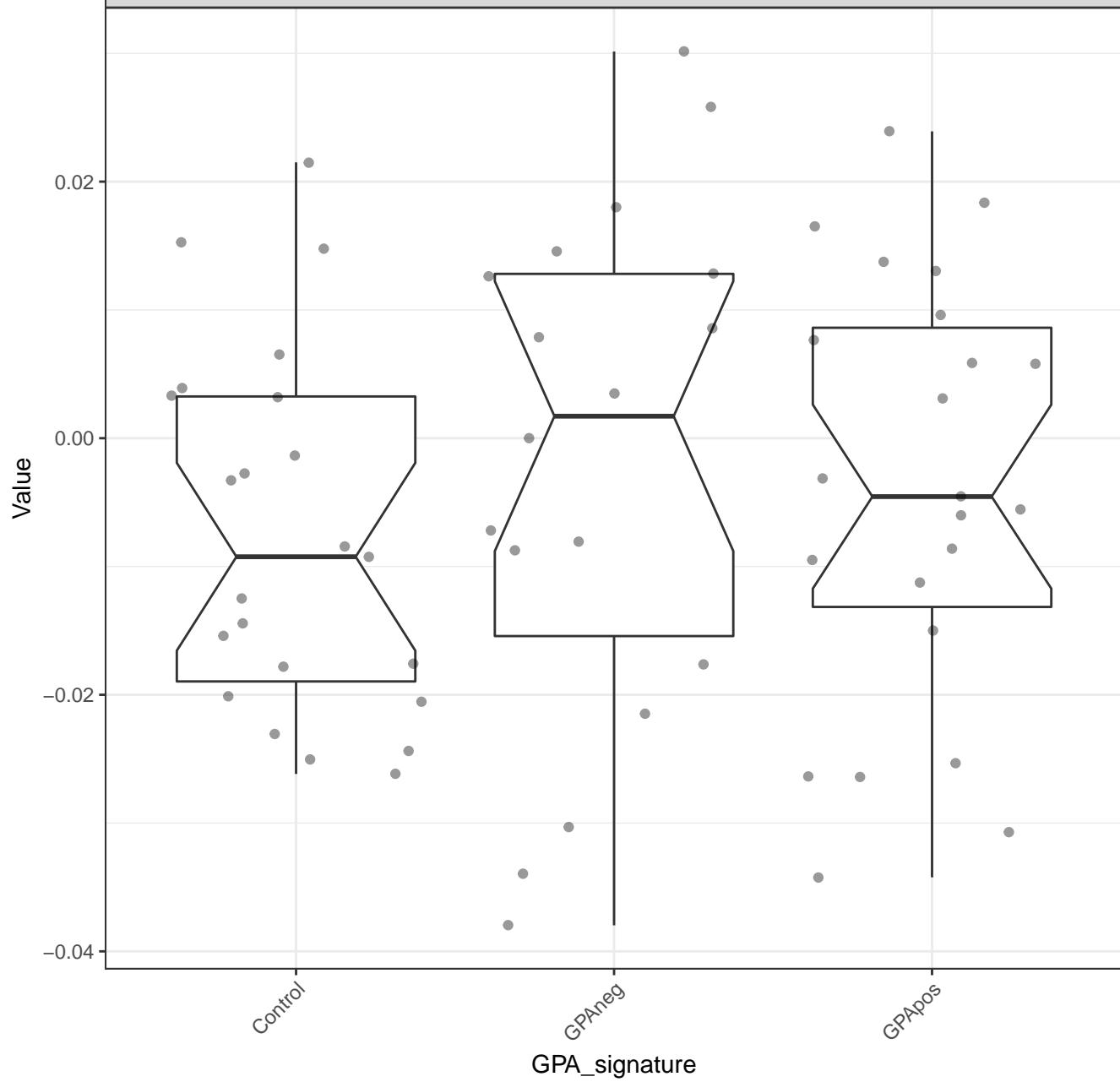
GPA_signature

GPAneg

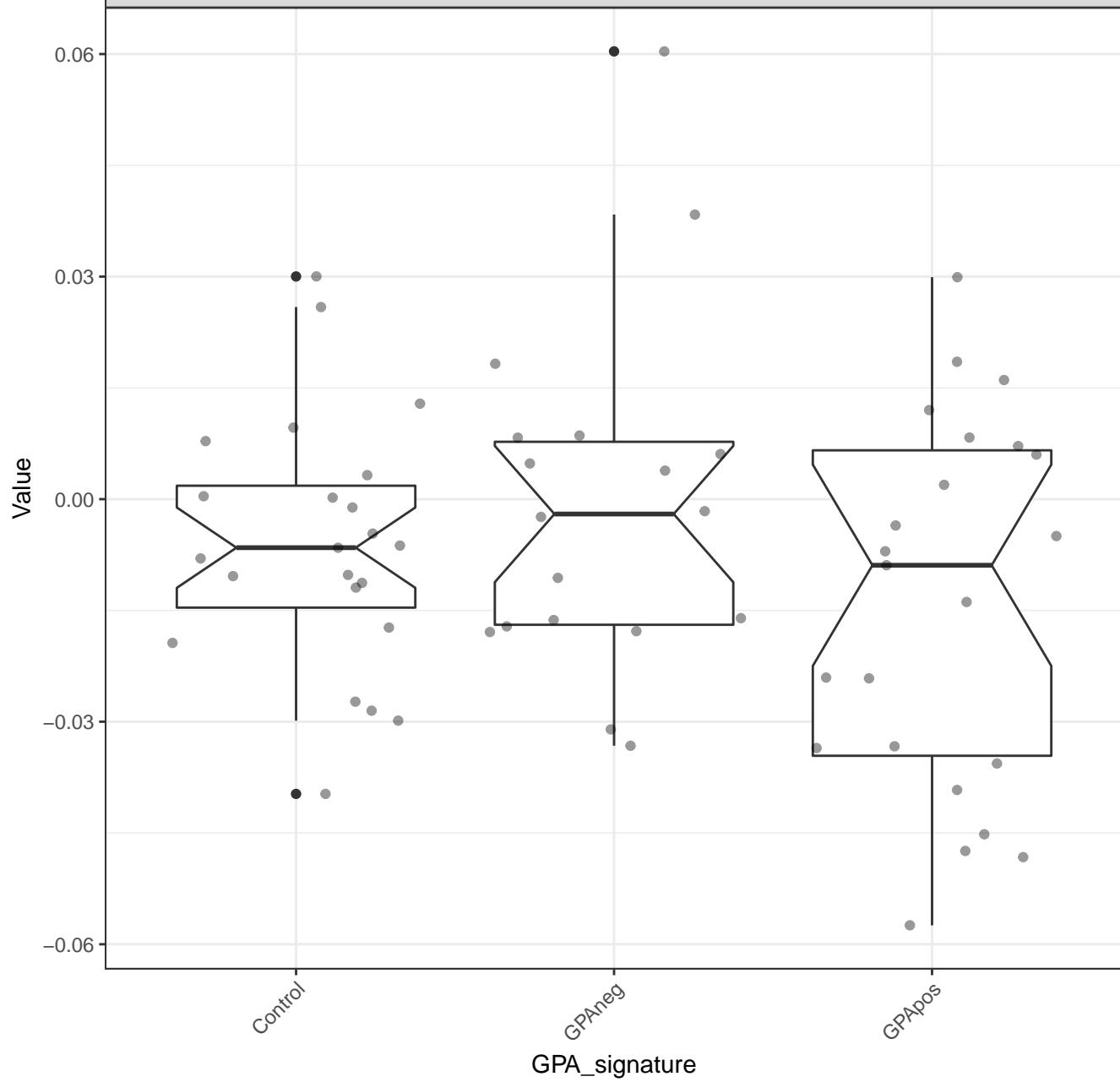
GPApos



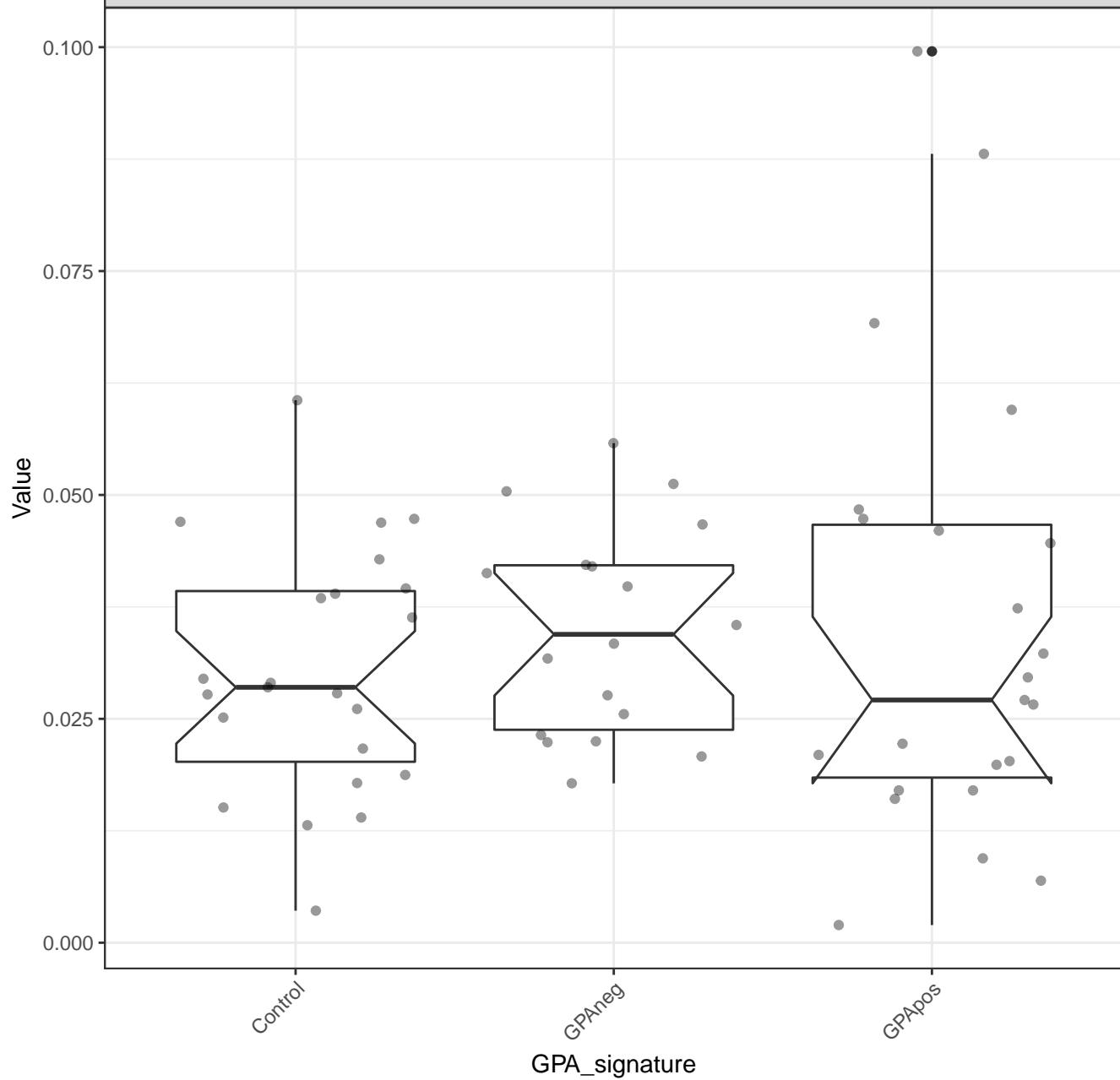
LV 305



LV 306



LV 307



LV 308

Value

0.04

0.02

0.00

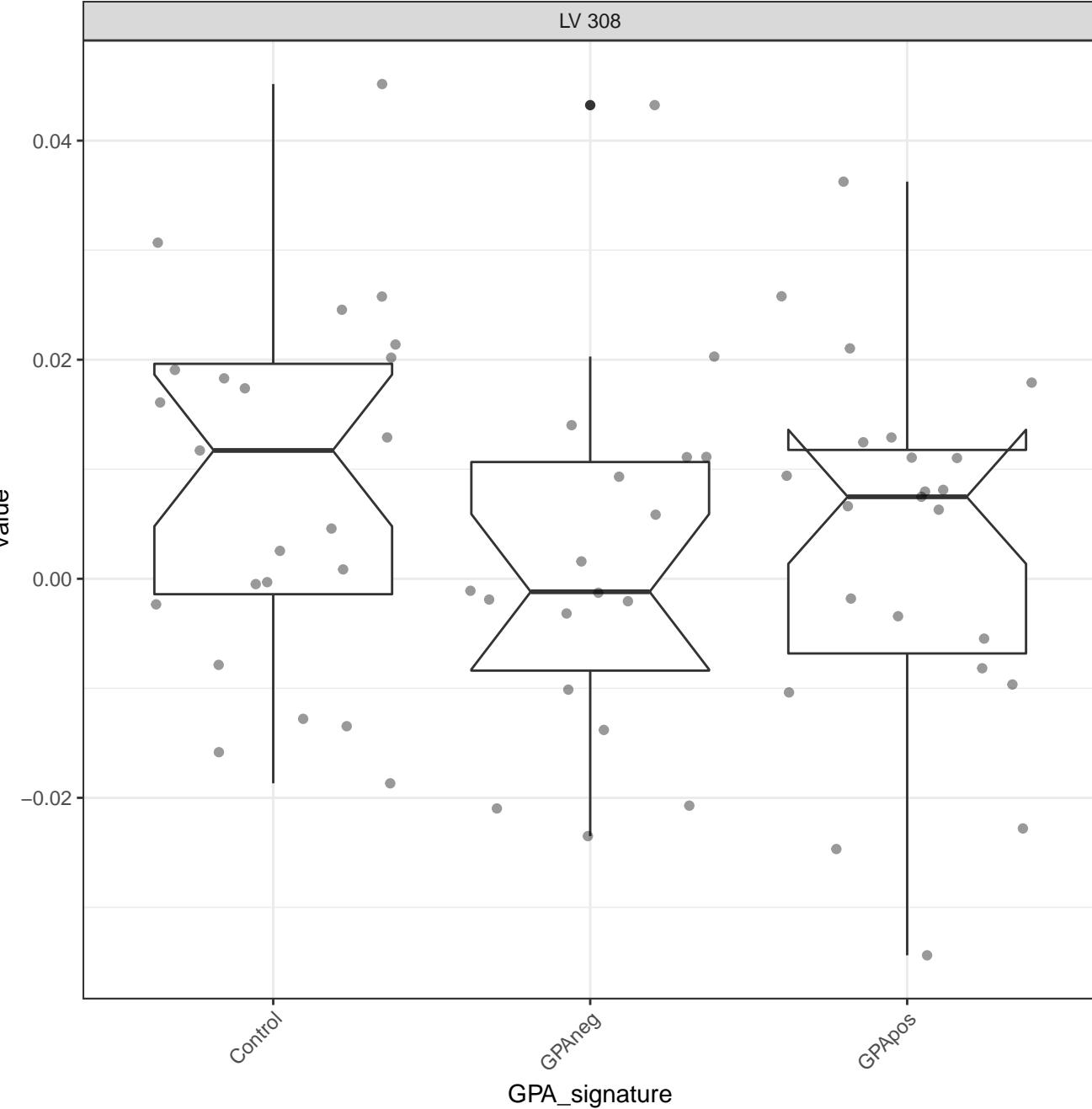
-0.02

Control

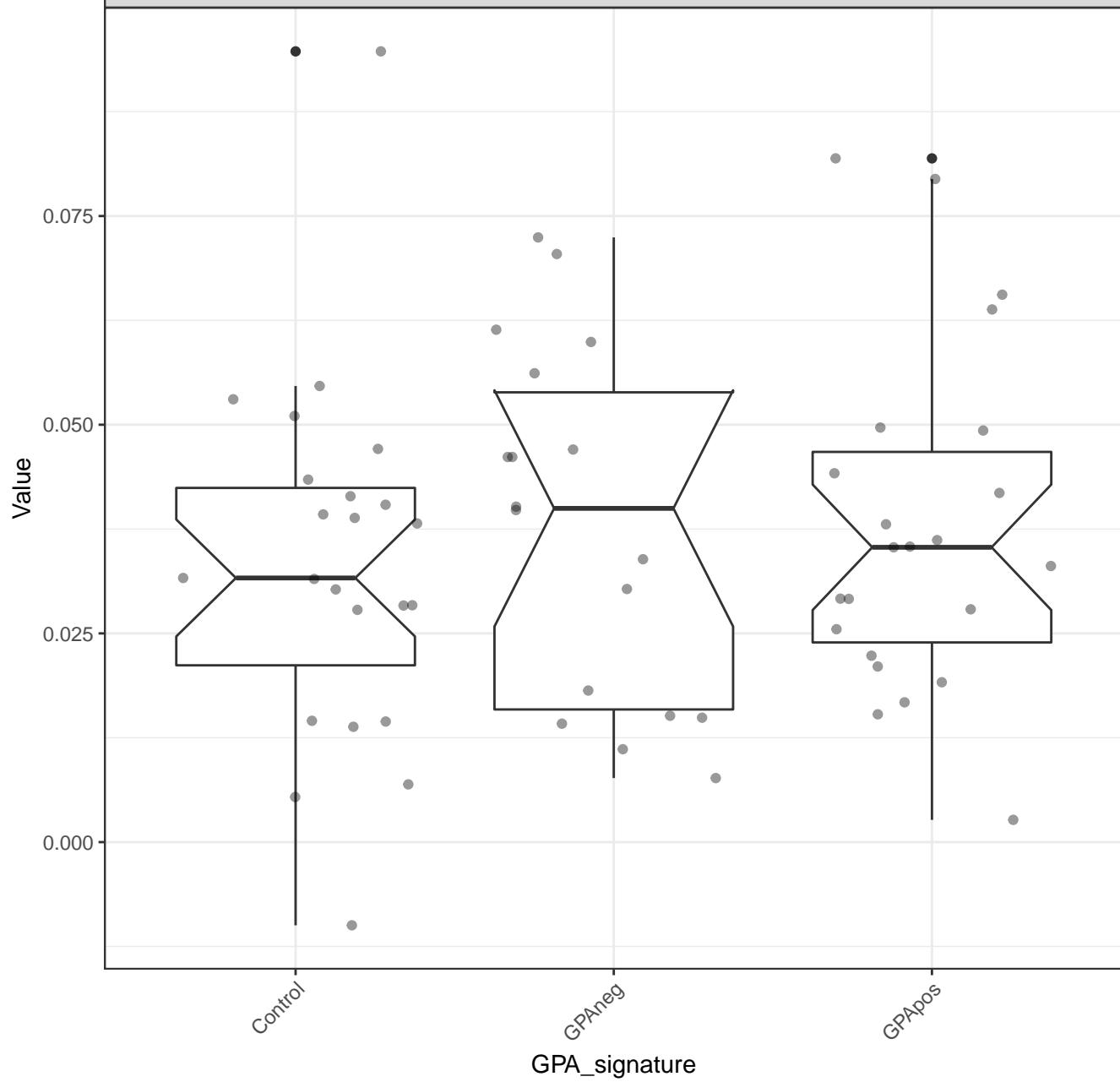
GPA_signature

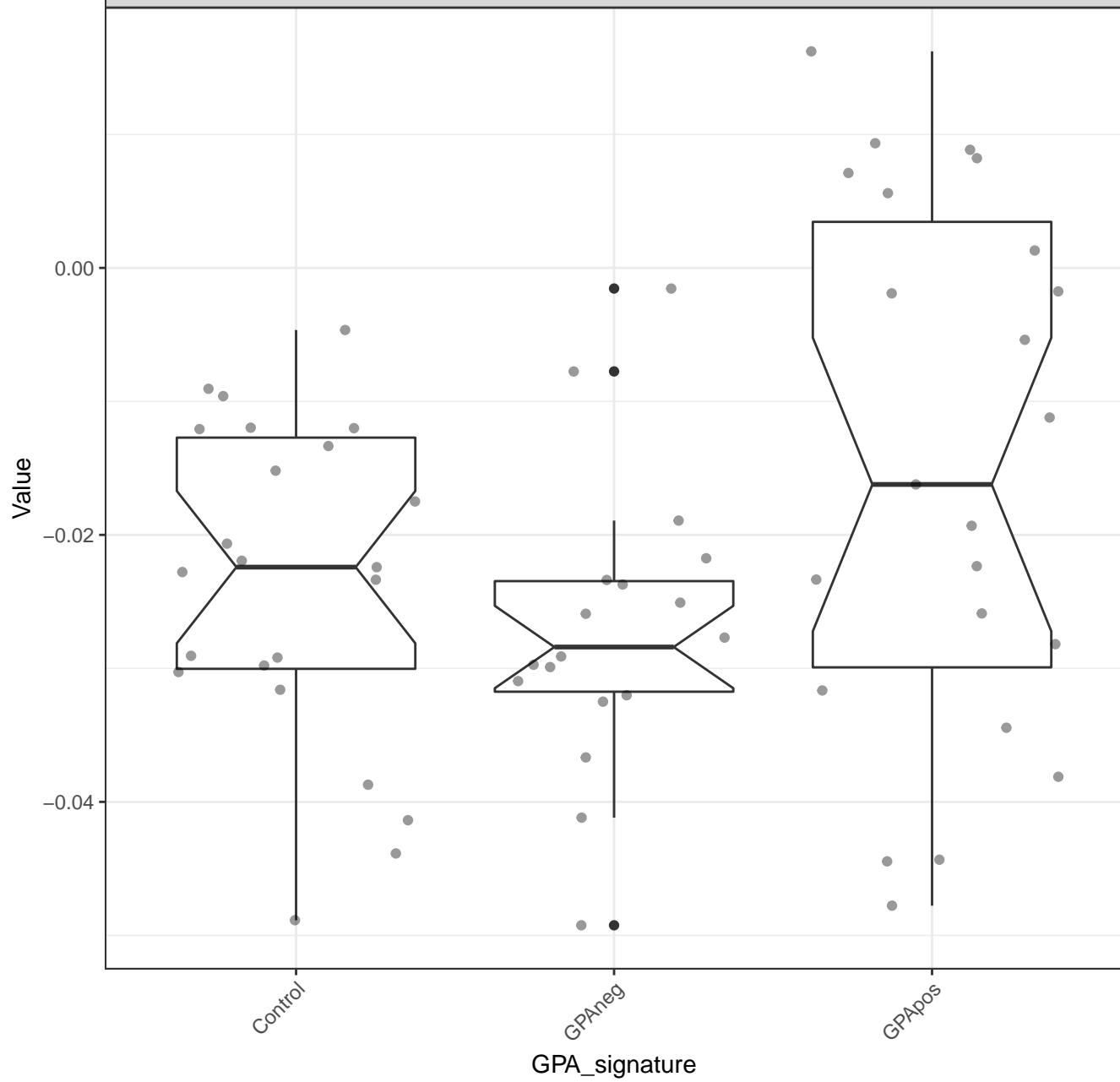
GPAneg

GPAPos

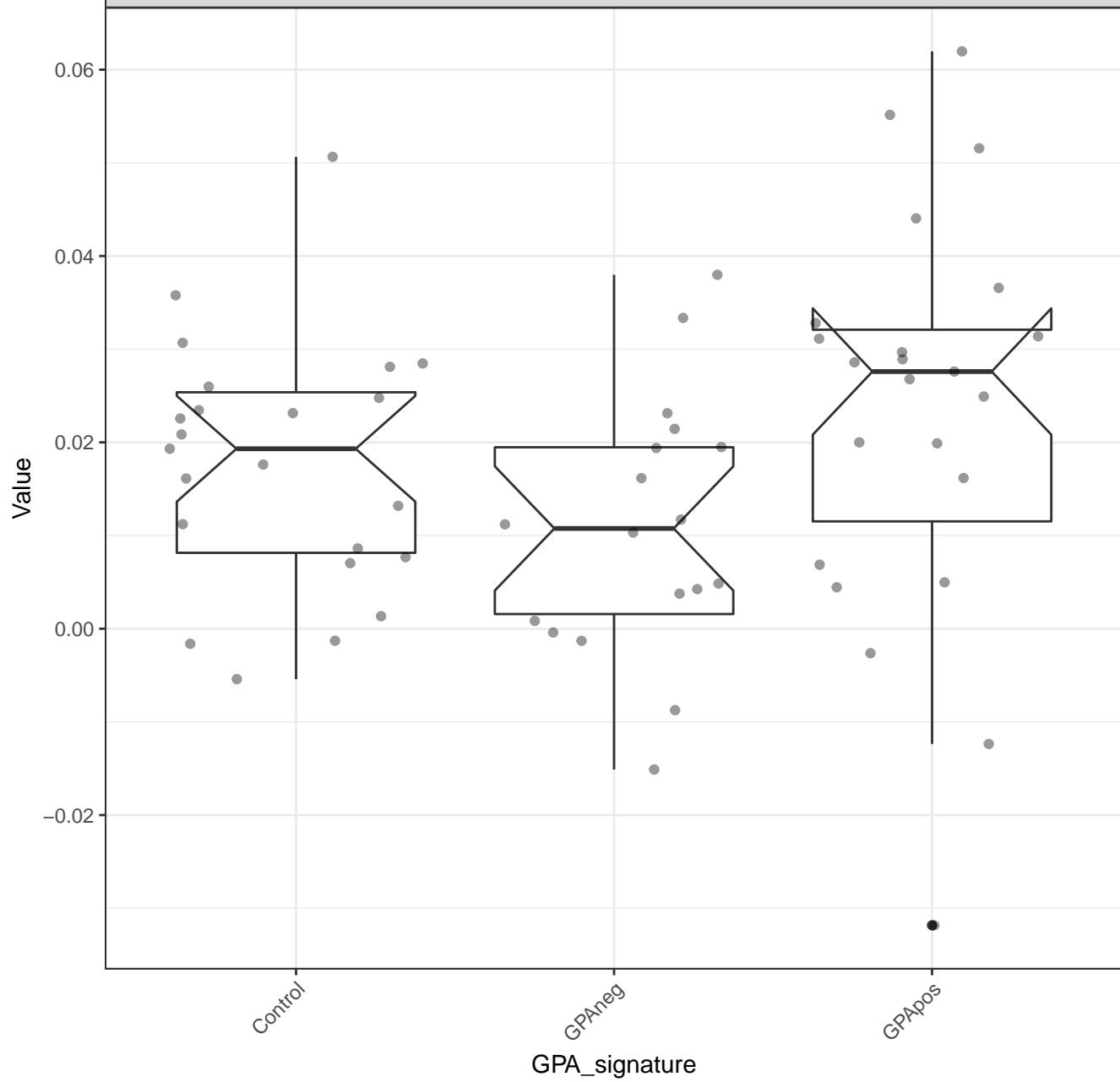


LV 309

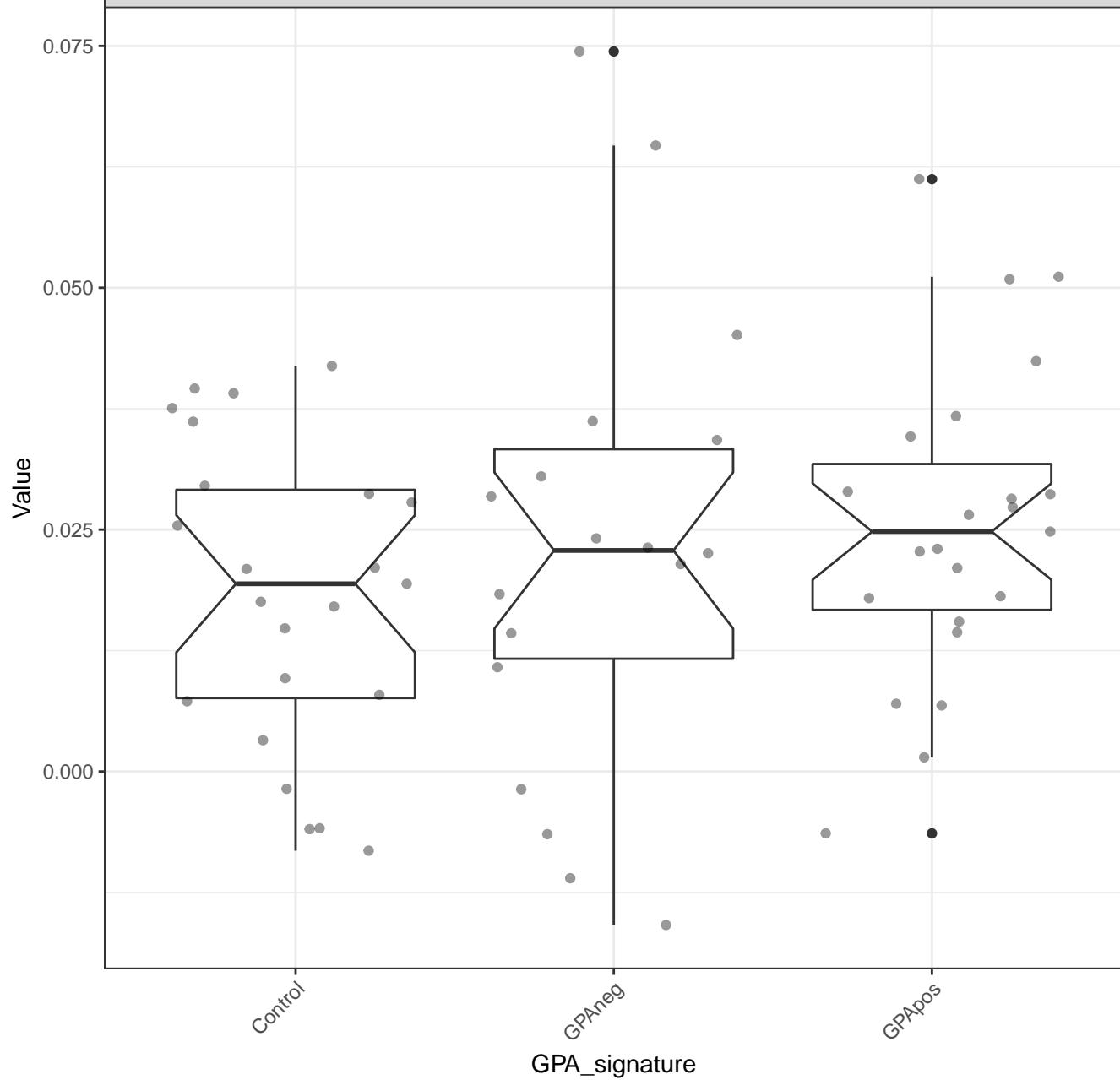




LV 311



LV 312



LV 313

Value

0.050

0.025

0.000

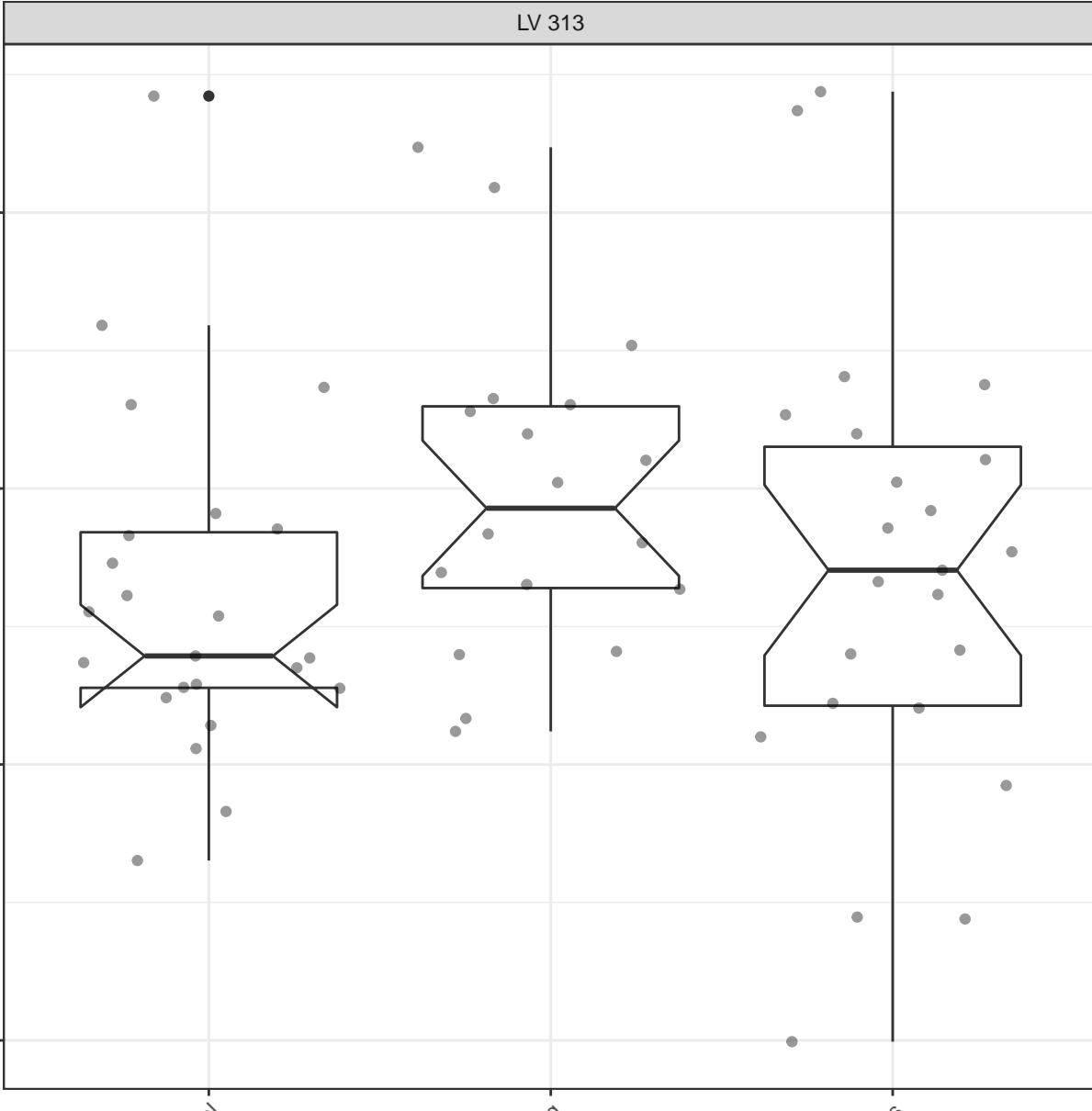
-0.025

Control

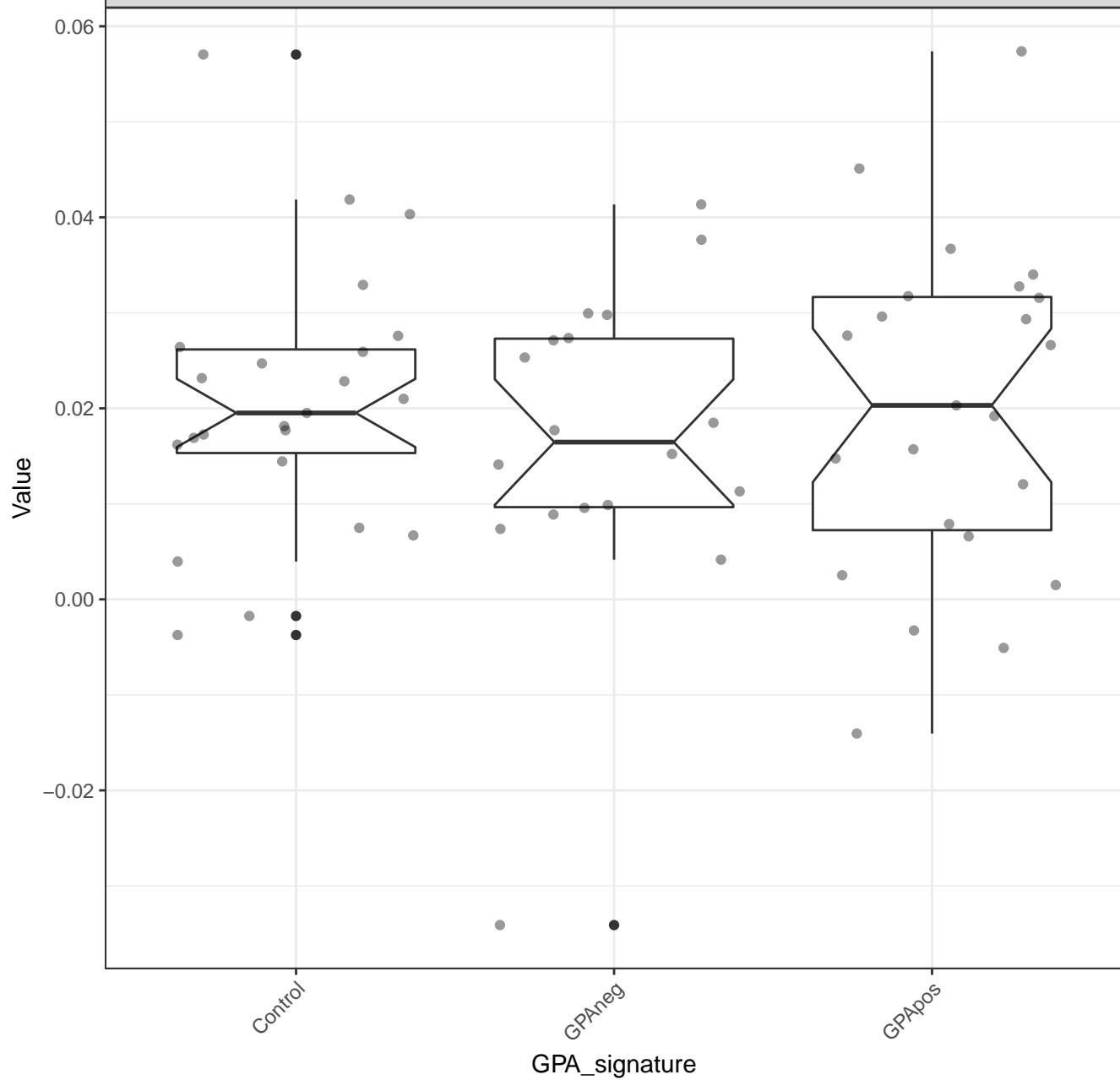
GPAneg

GPAPos

GPA_signature



LV 314



LV 315

Value

0.04

0.00

-0.04

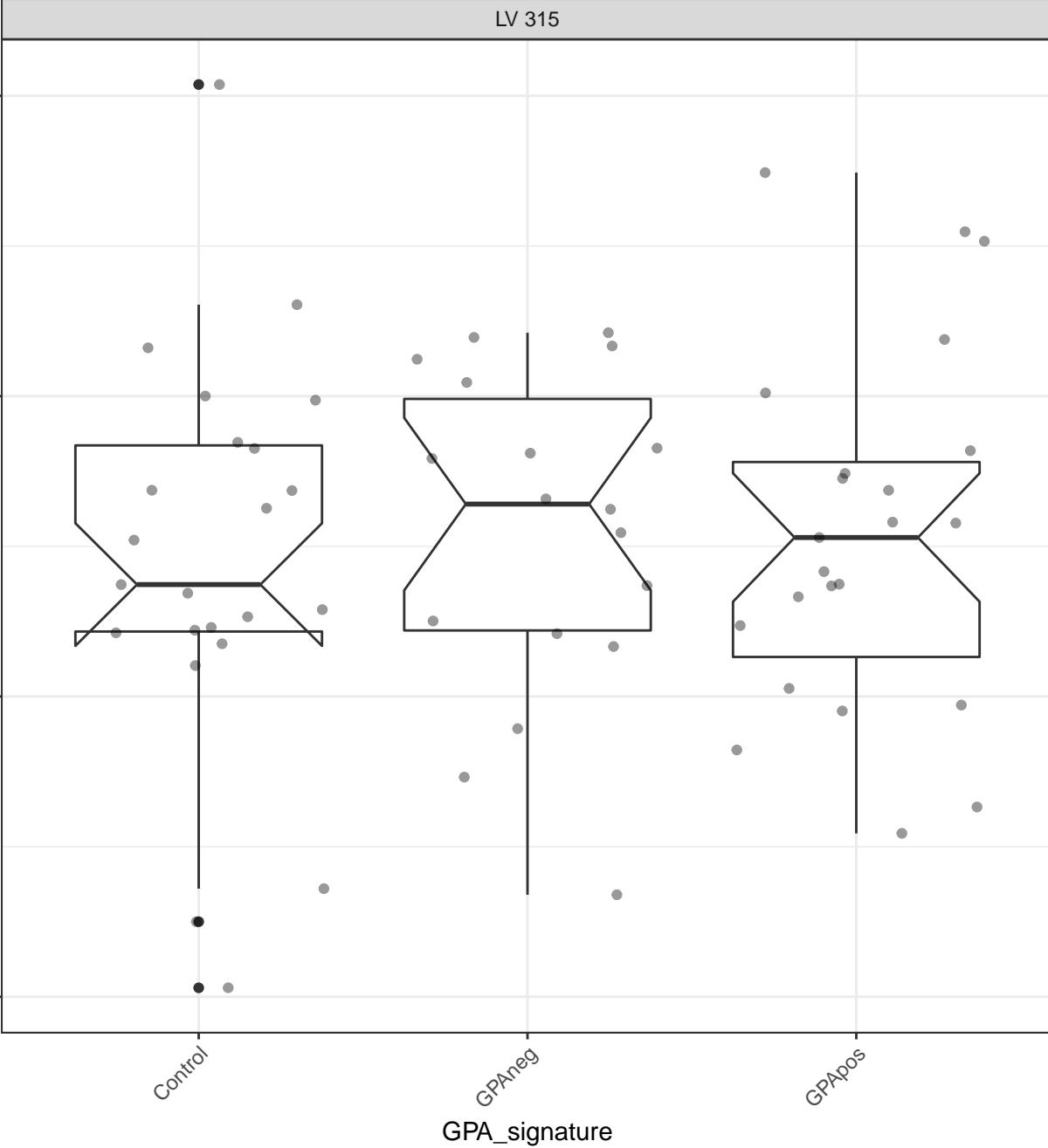
-0.08

Control

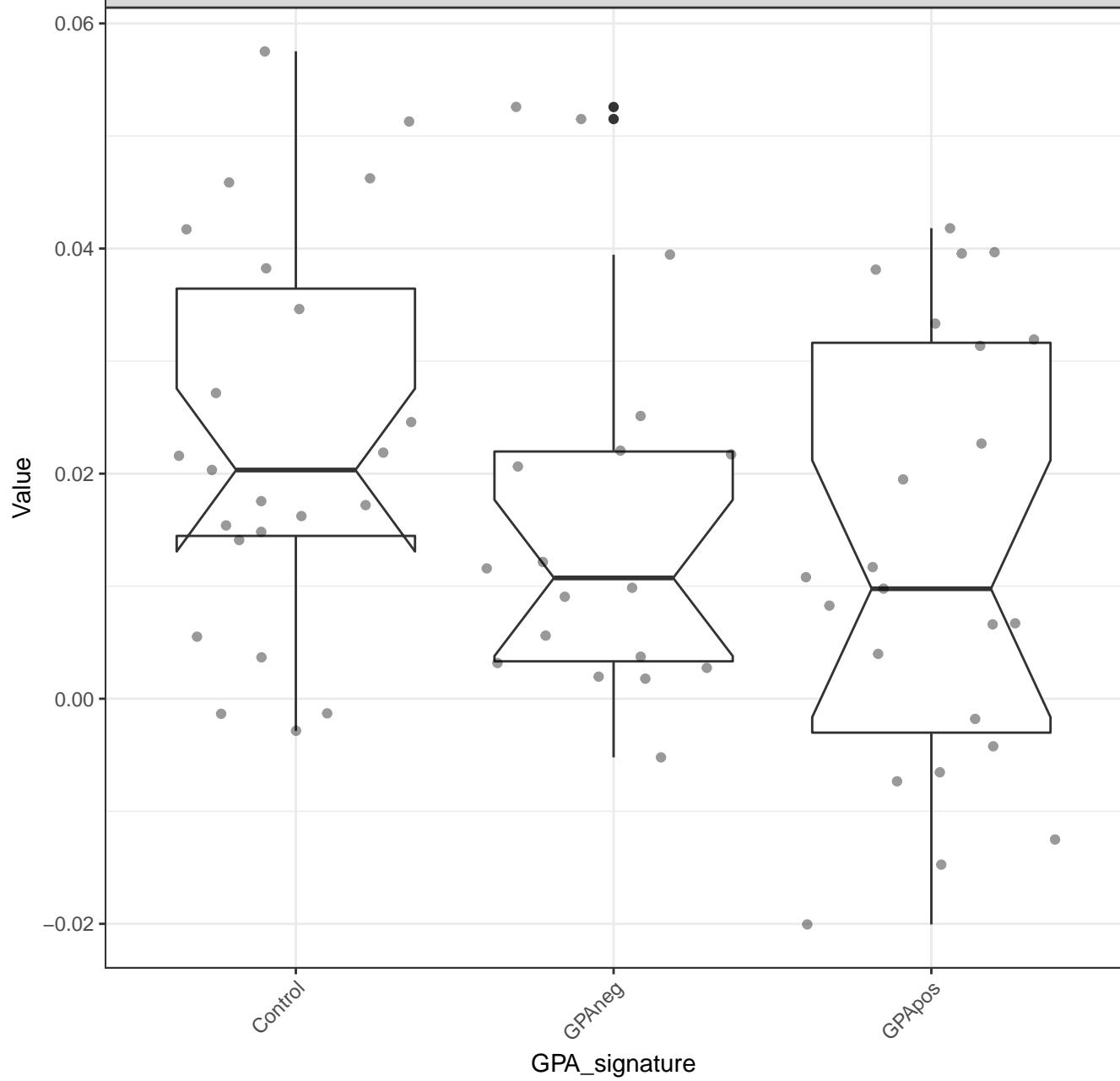
GPAneg

GPAPos

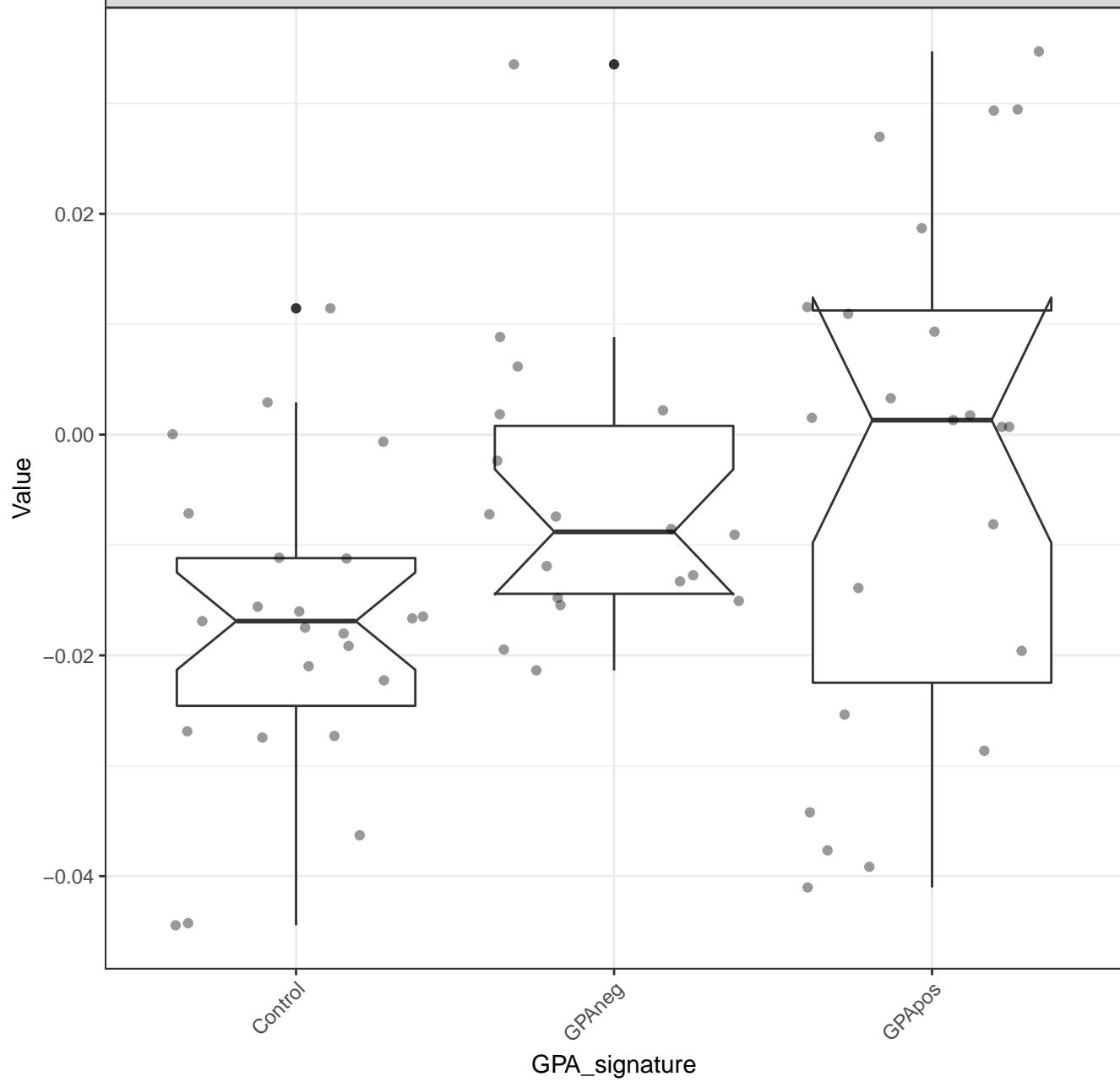
GPA_signature



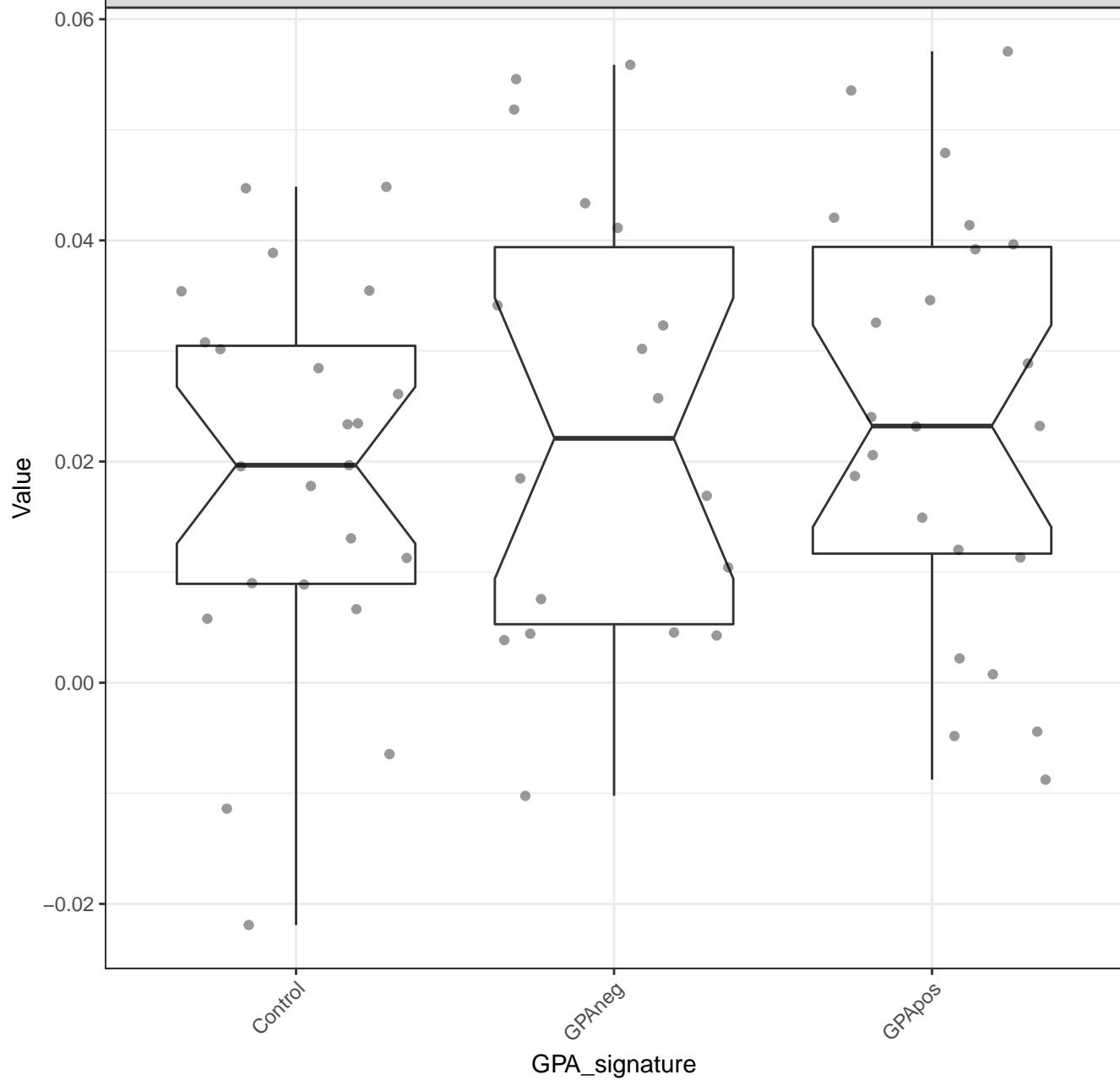
LV 316



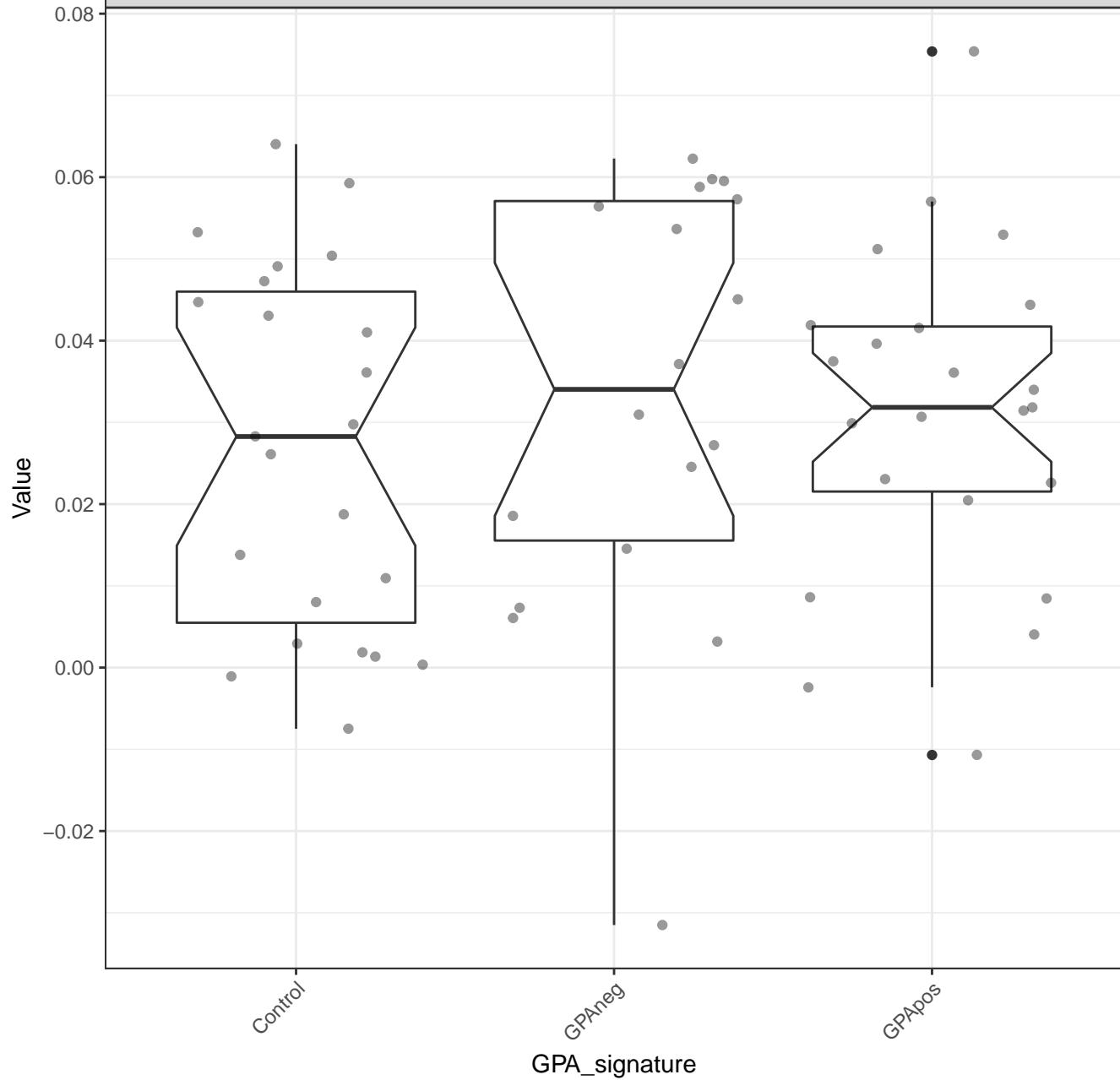
LV 317



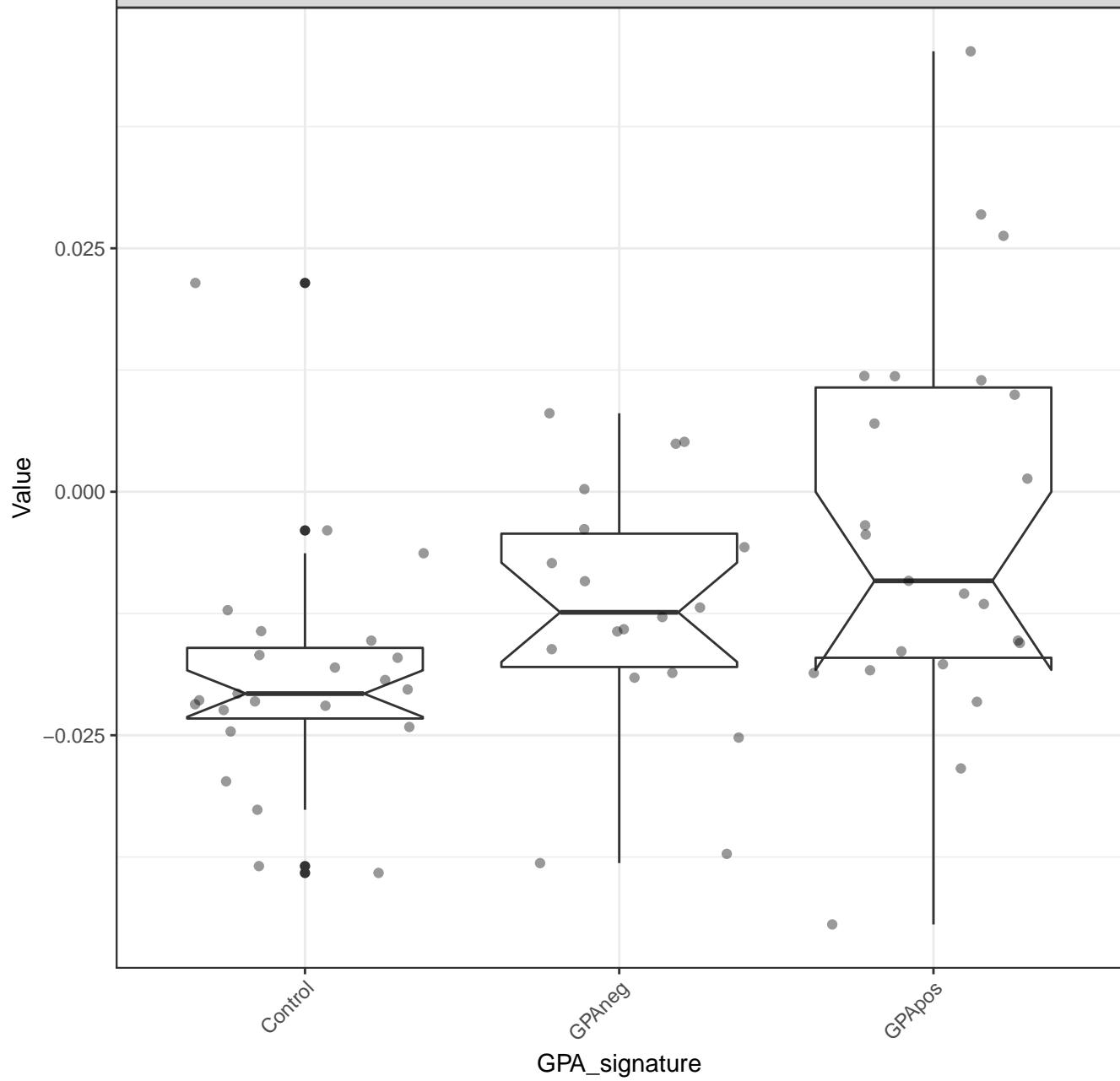
LV 318



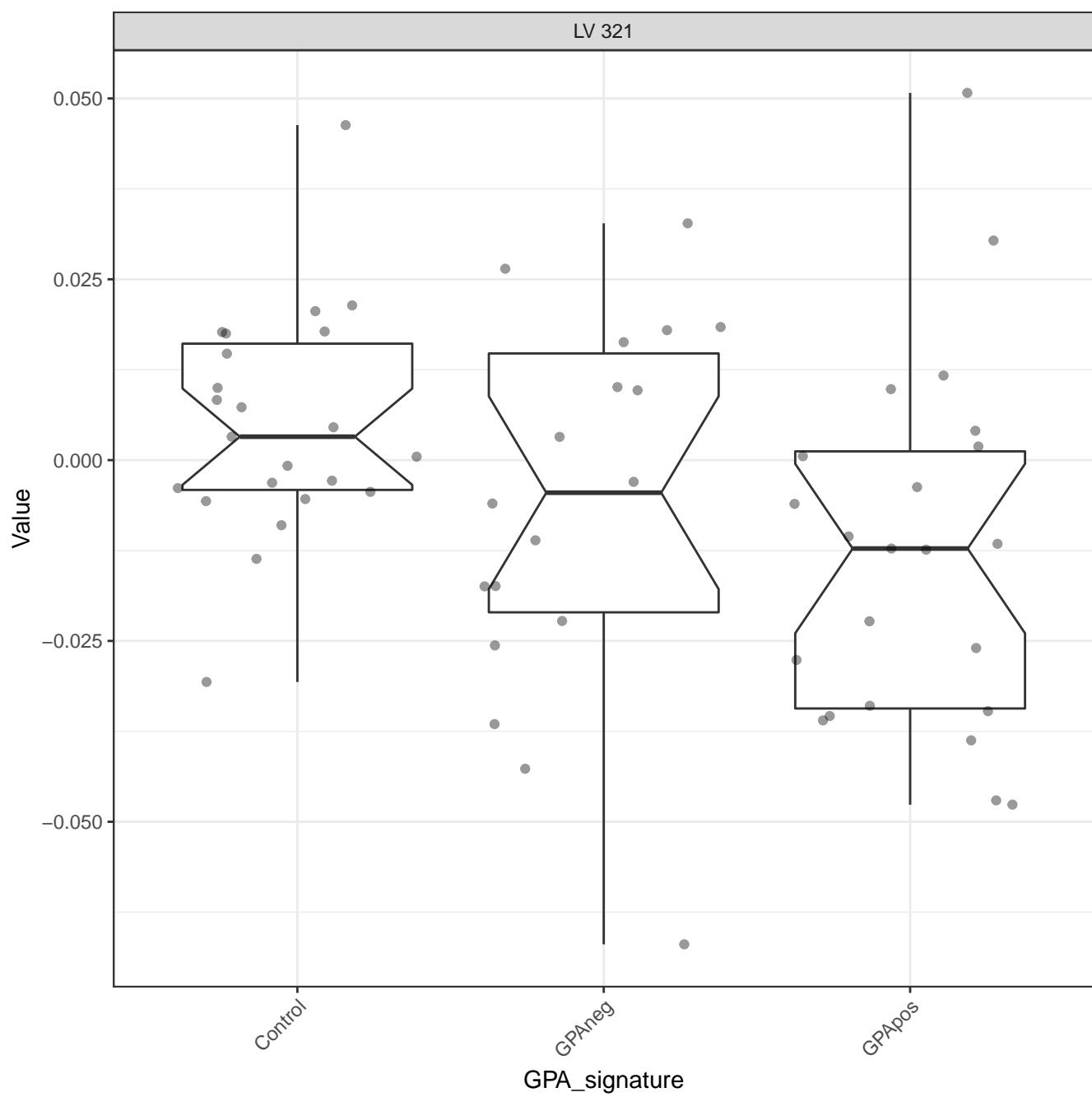
LV 319

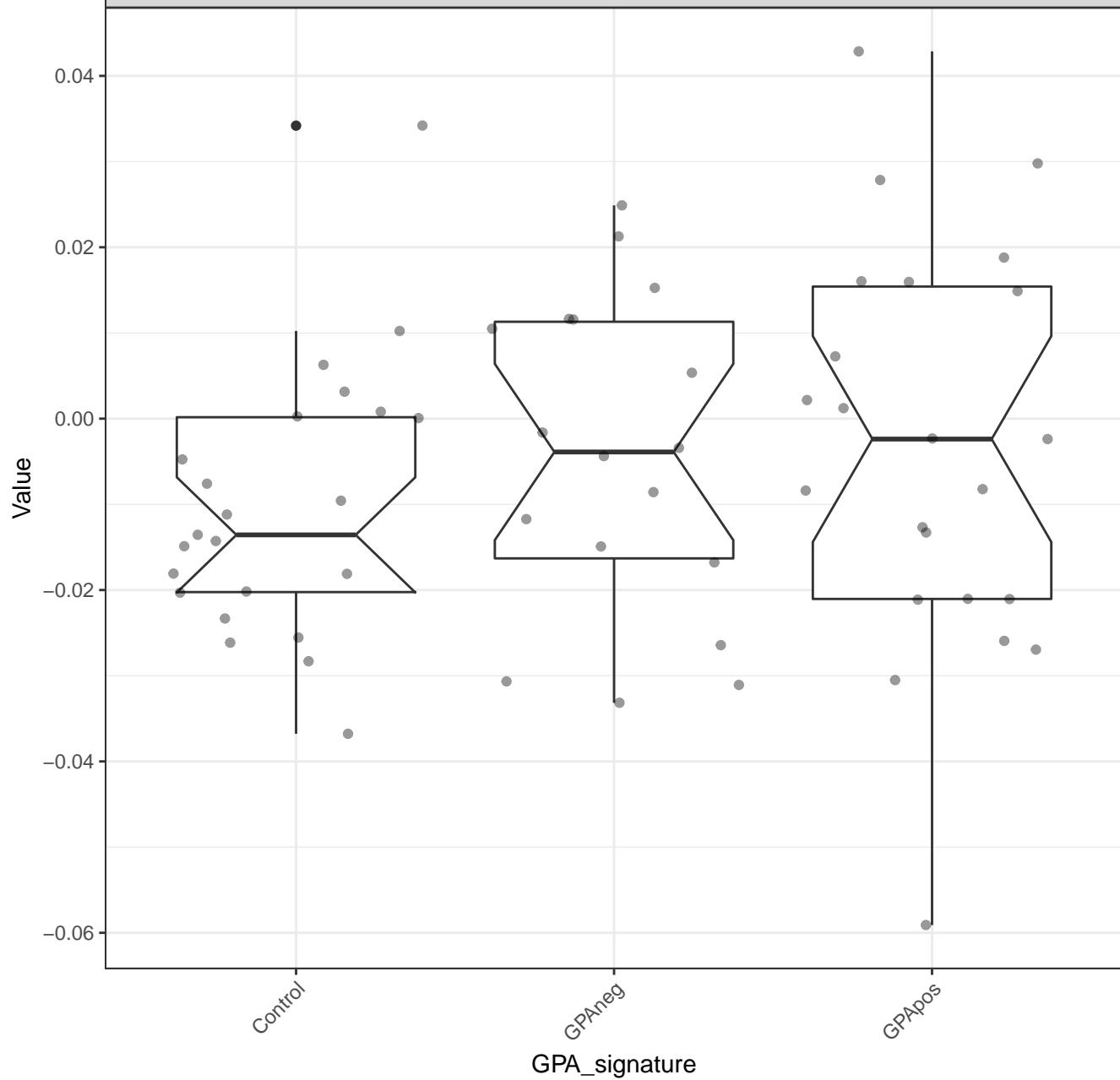


LV 320

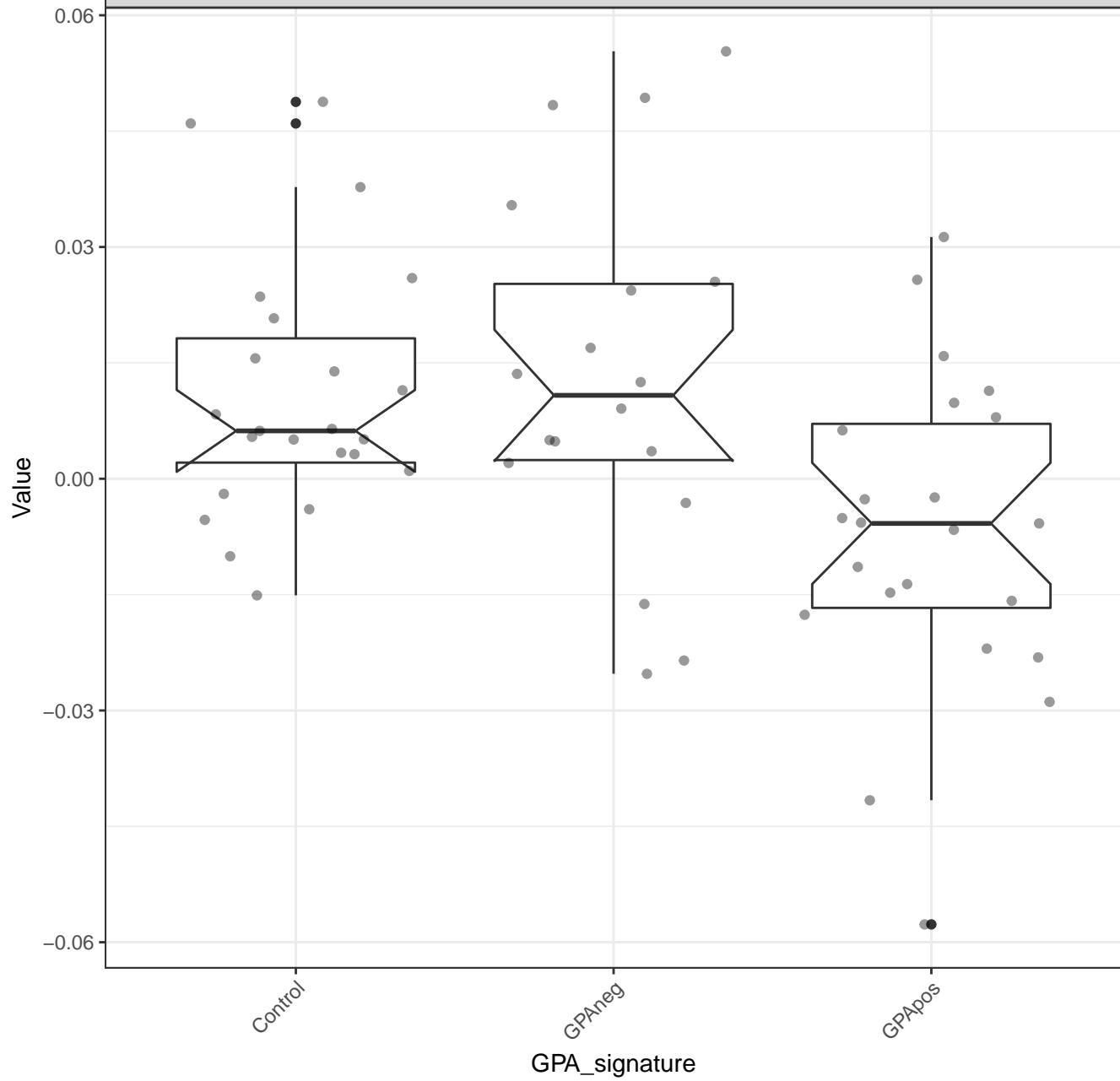


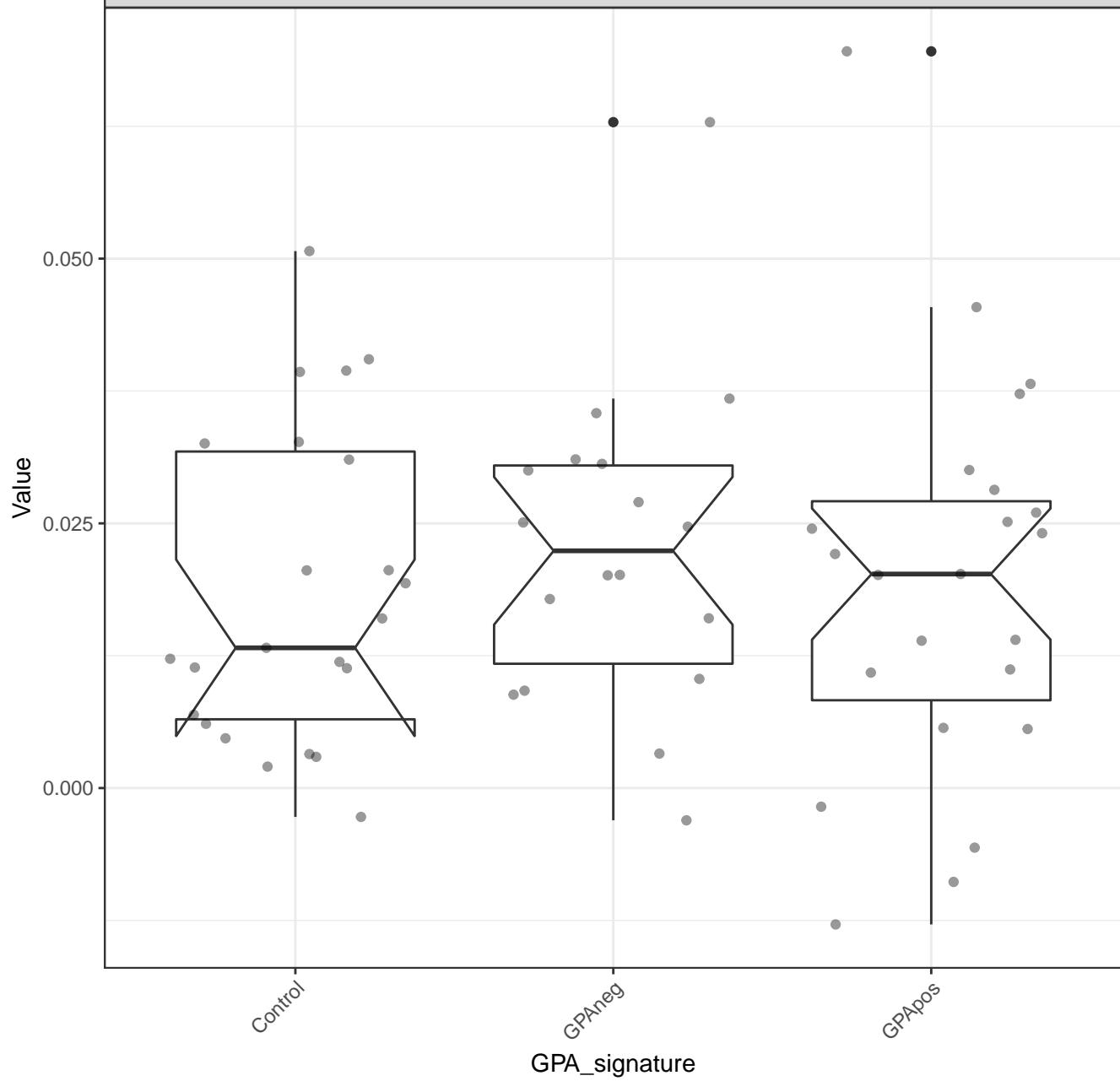
LV 321

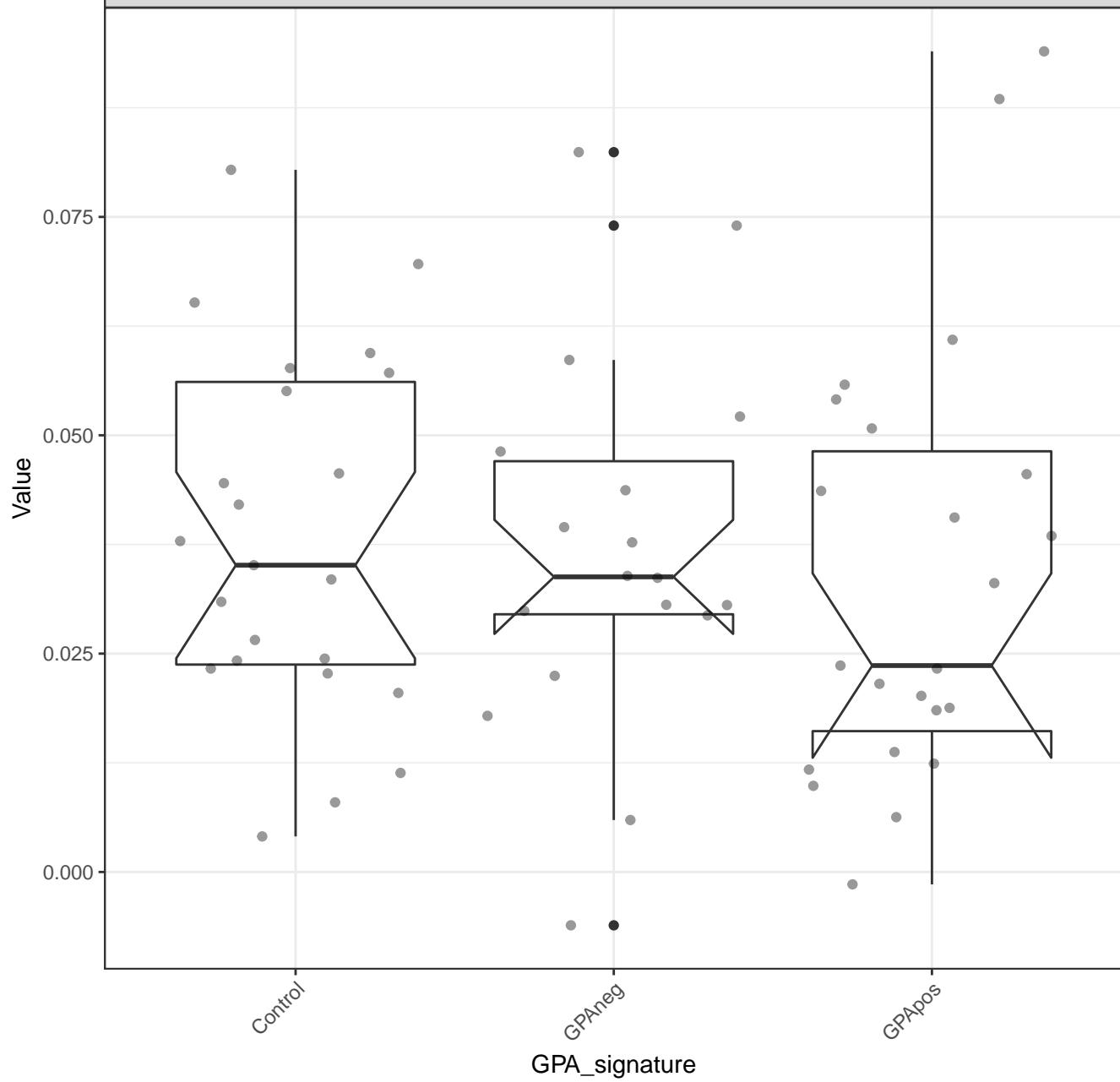




LV 323







LV 326

Value

0.02

0.00

-0.02

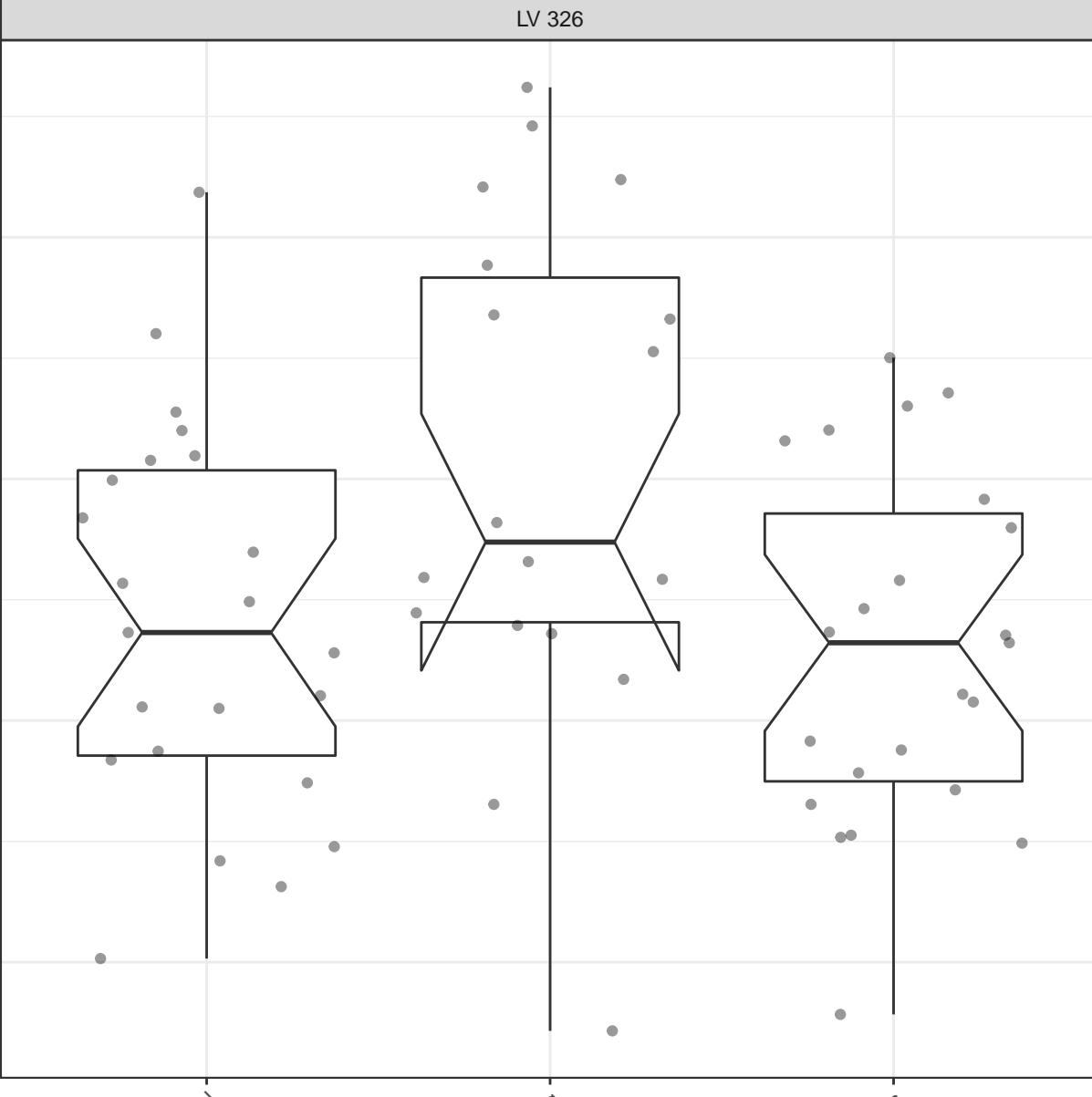
-0.04

Control

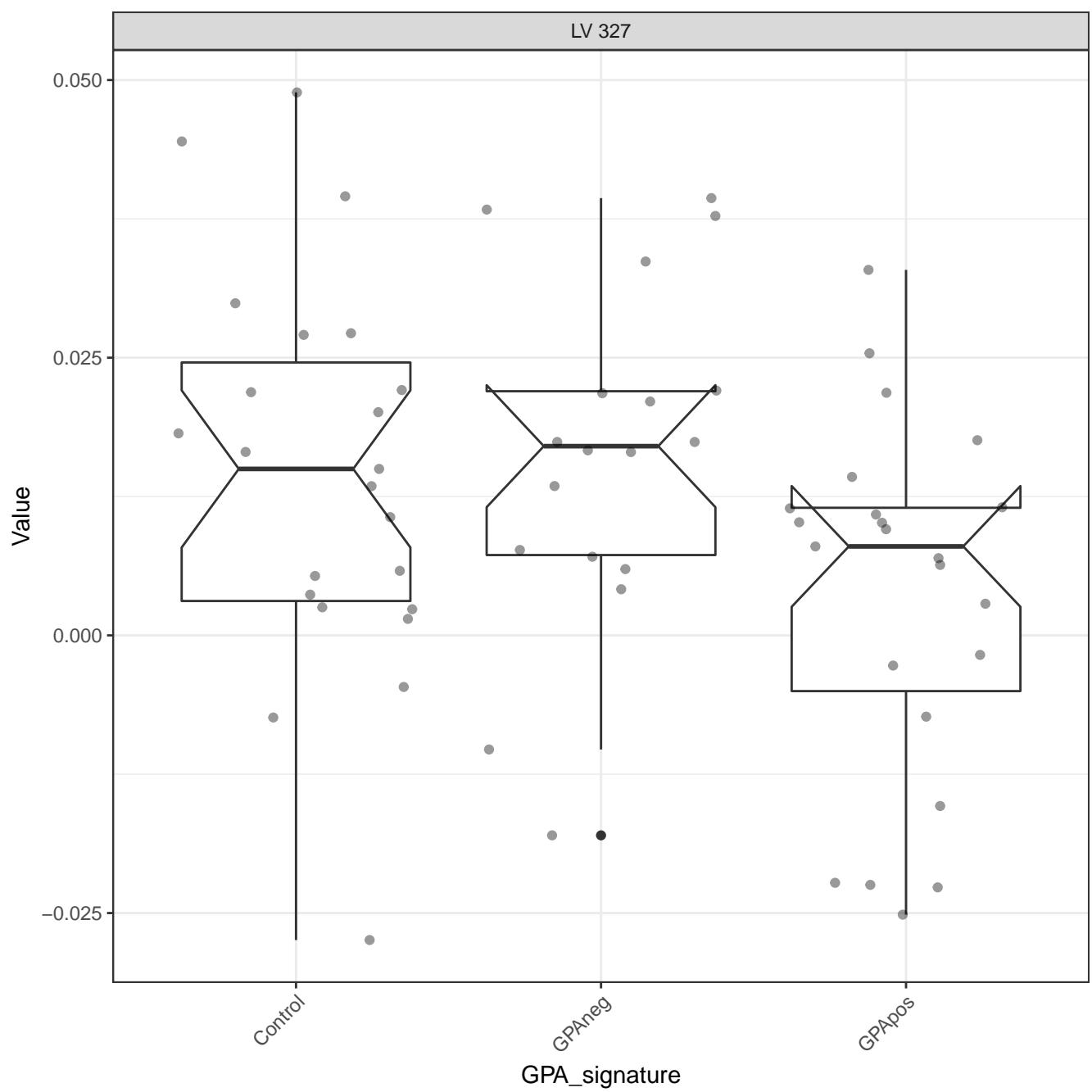
GPA_signature

GPAneg

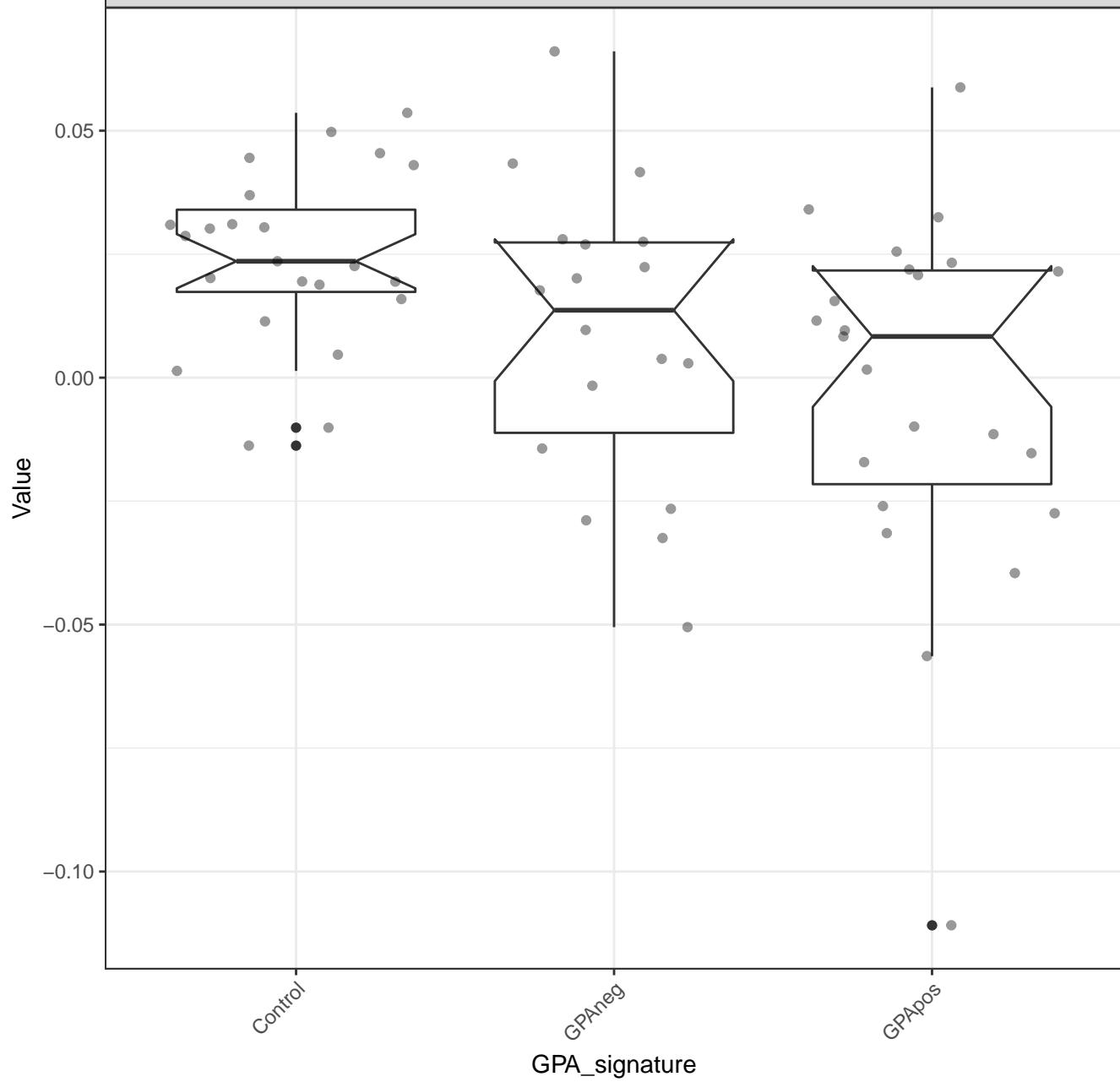
GPApos

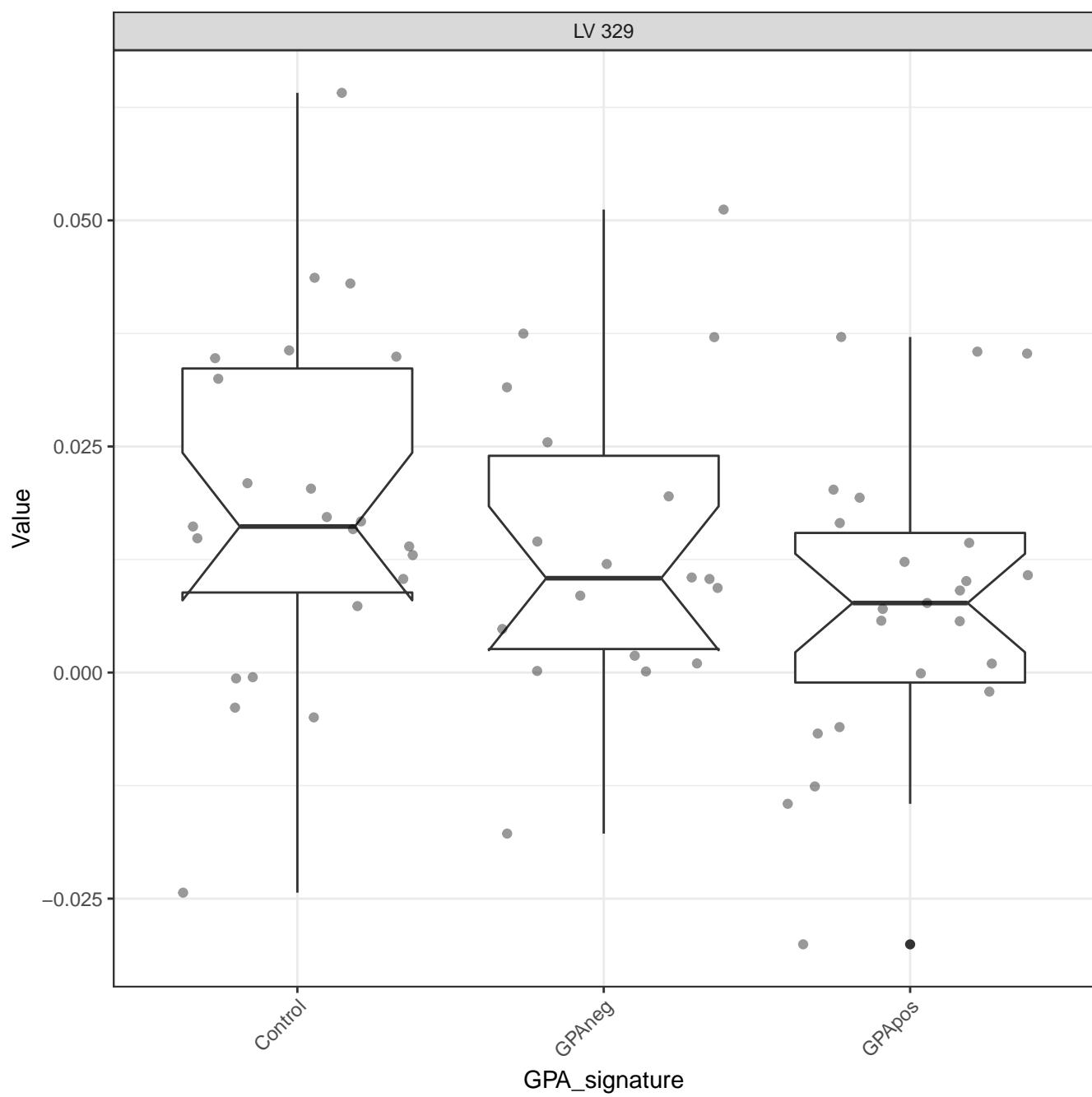


LV 327



LV 328





LV 330

Value

0.04

0.00

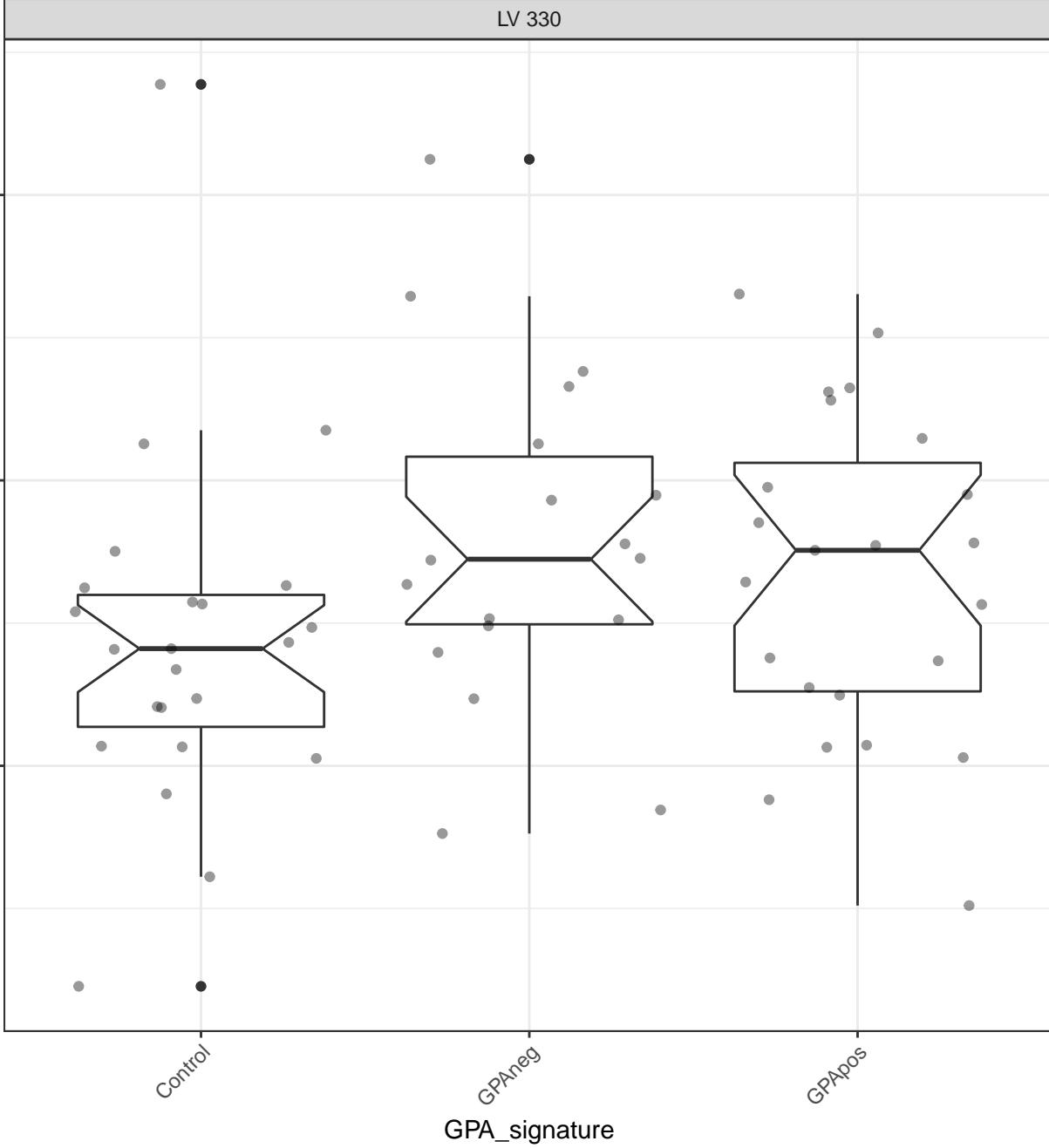
-0.04

Control

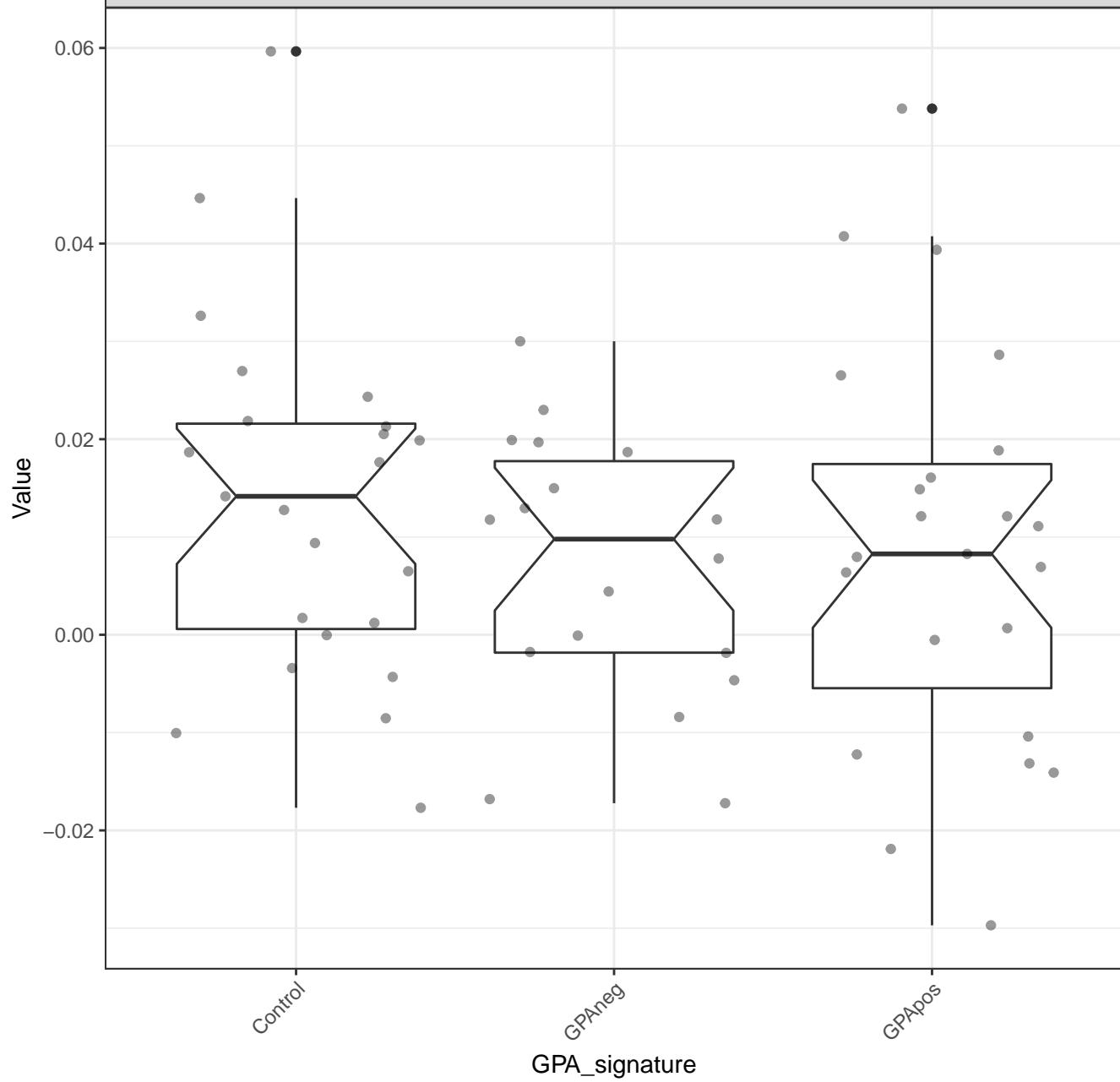
GPA_signature

GPAneg

GPApos

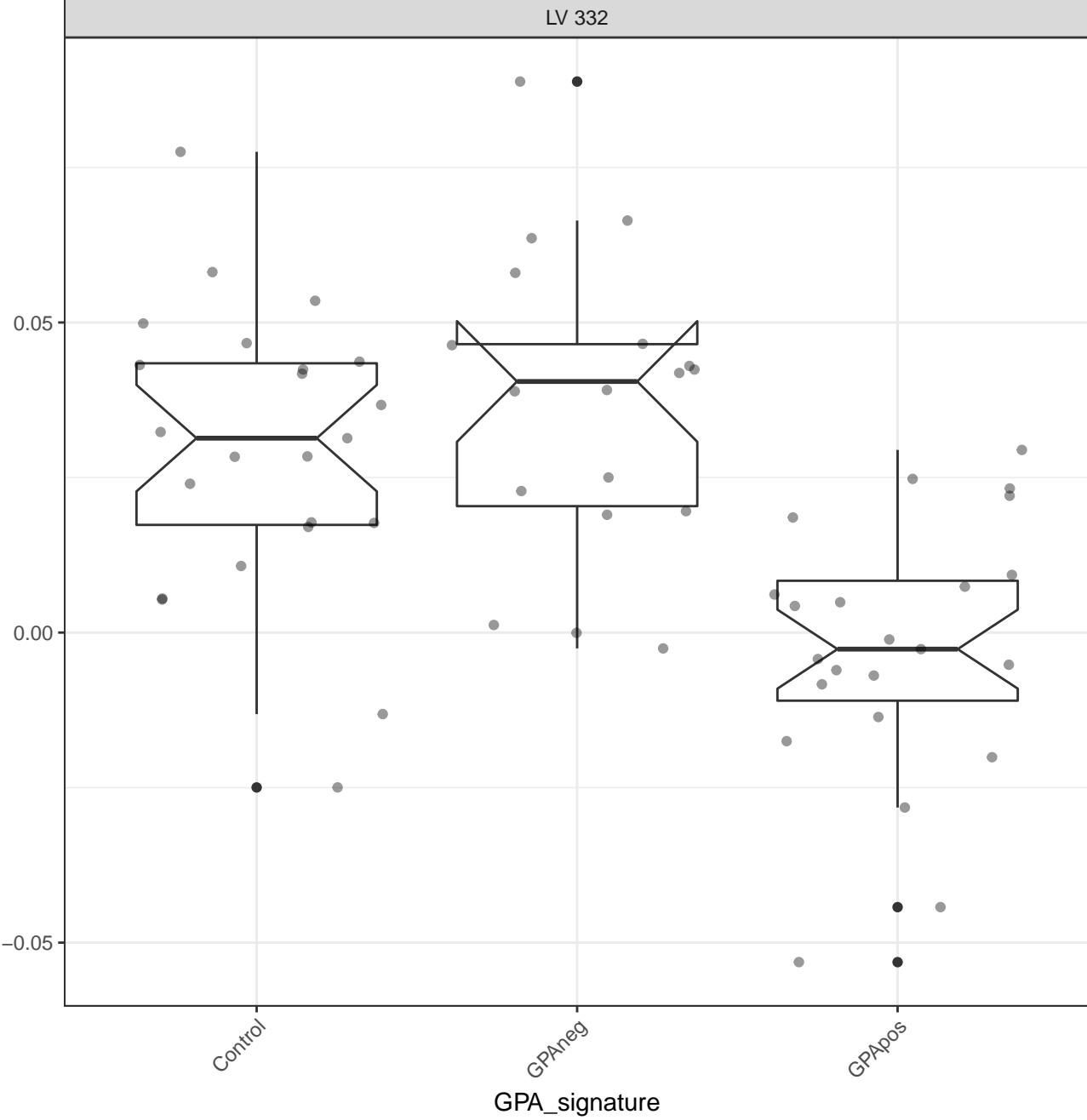


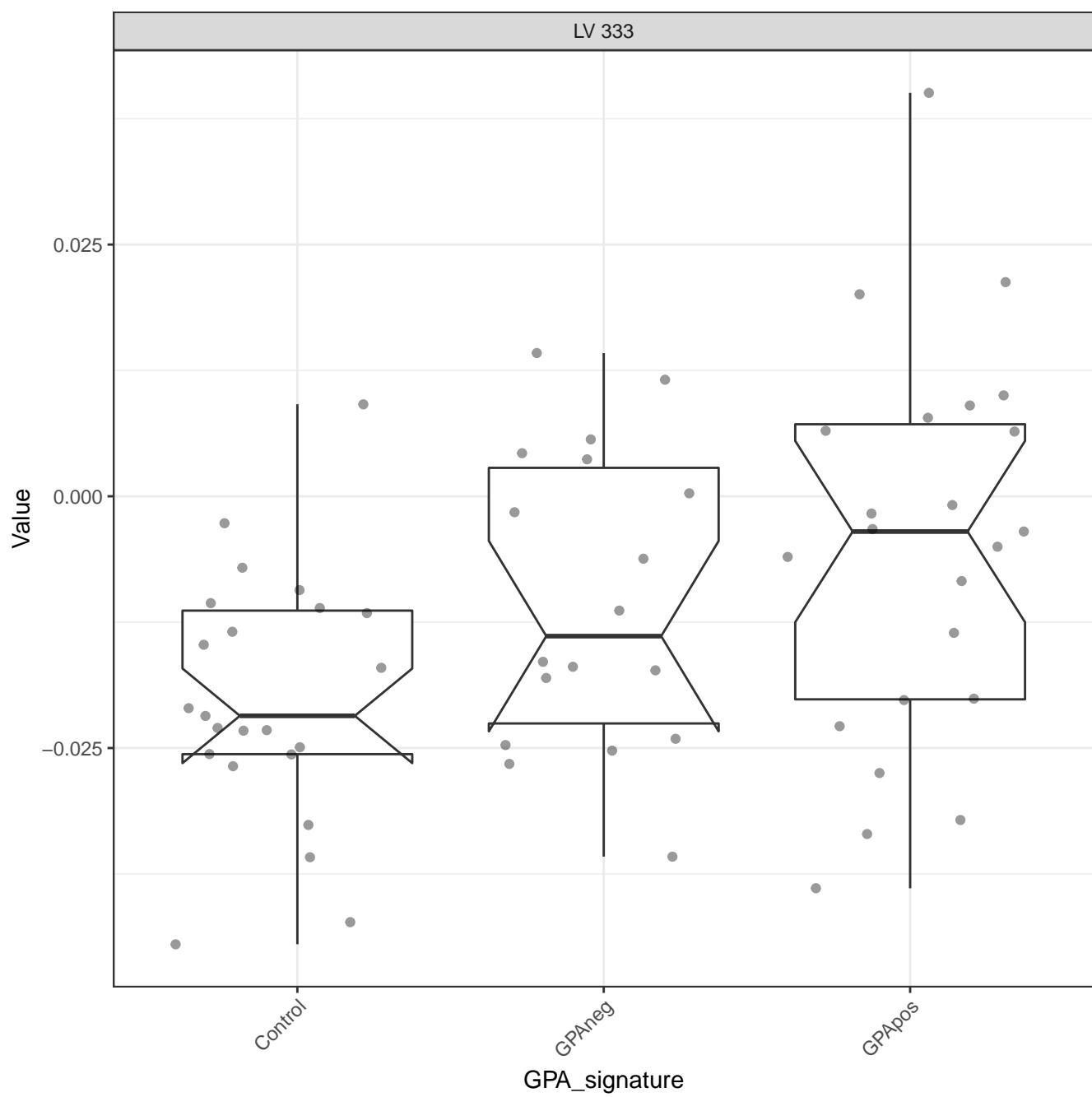
LV 331

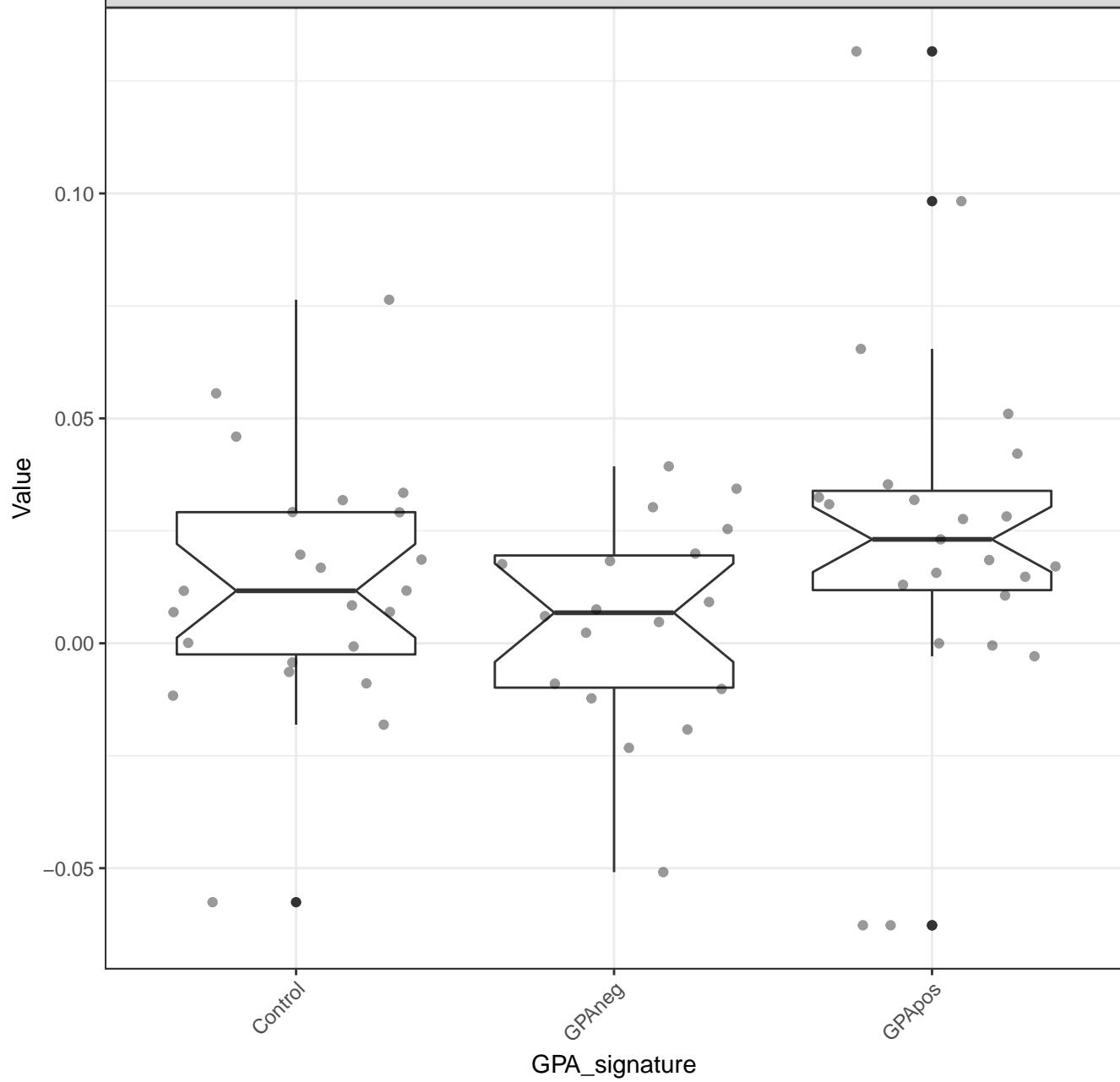


LV 332

Value







LV 335

Value

0.10

0.05

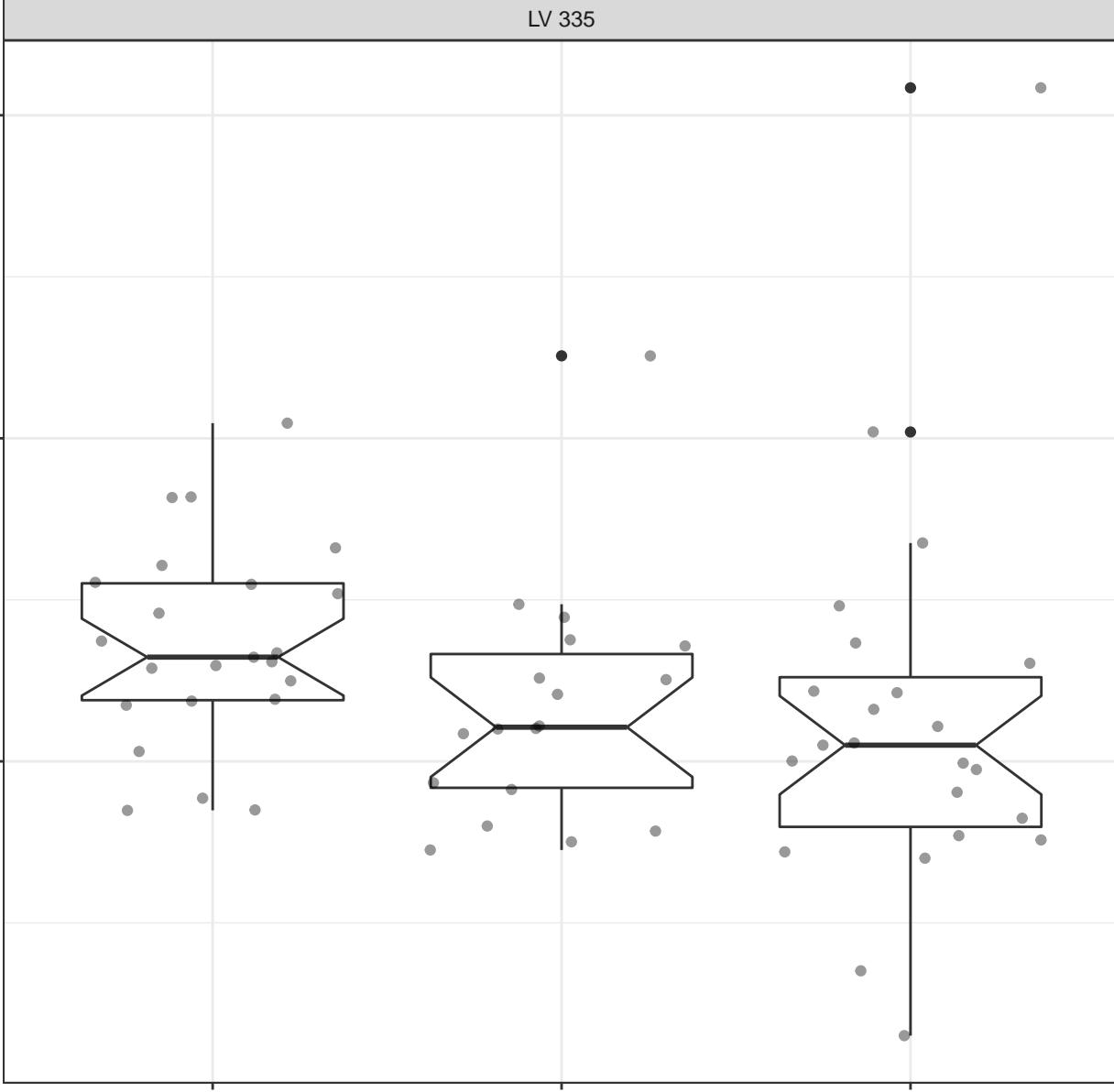
0.00

Control

GPA_signature

GPAneg

GPAPos



LV 336

Value

0.04

0.02

0.00

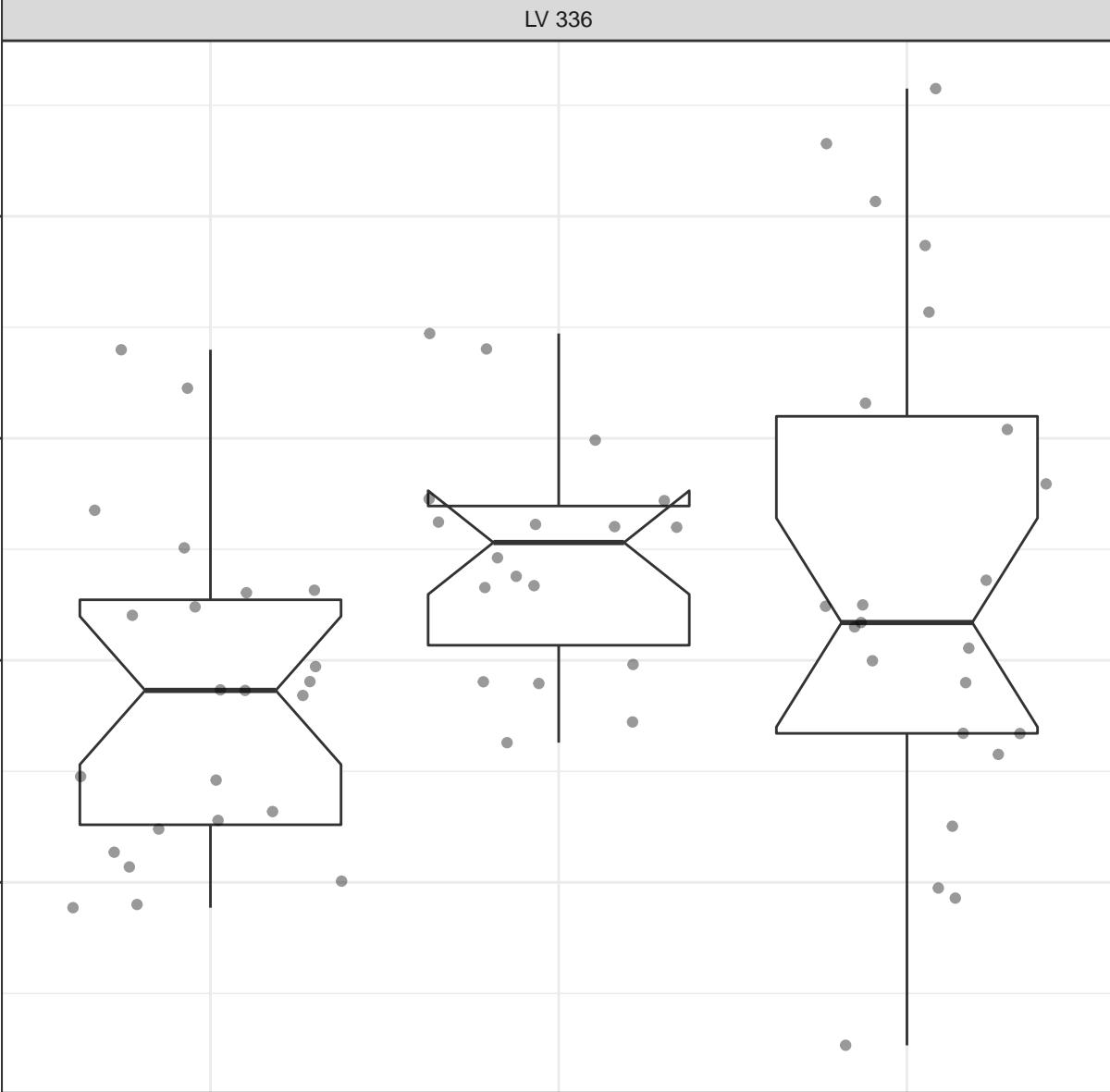
-0.02

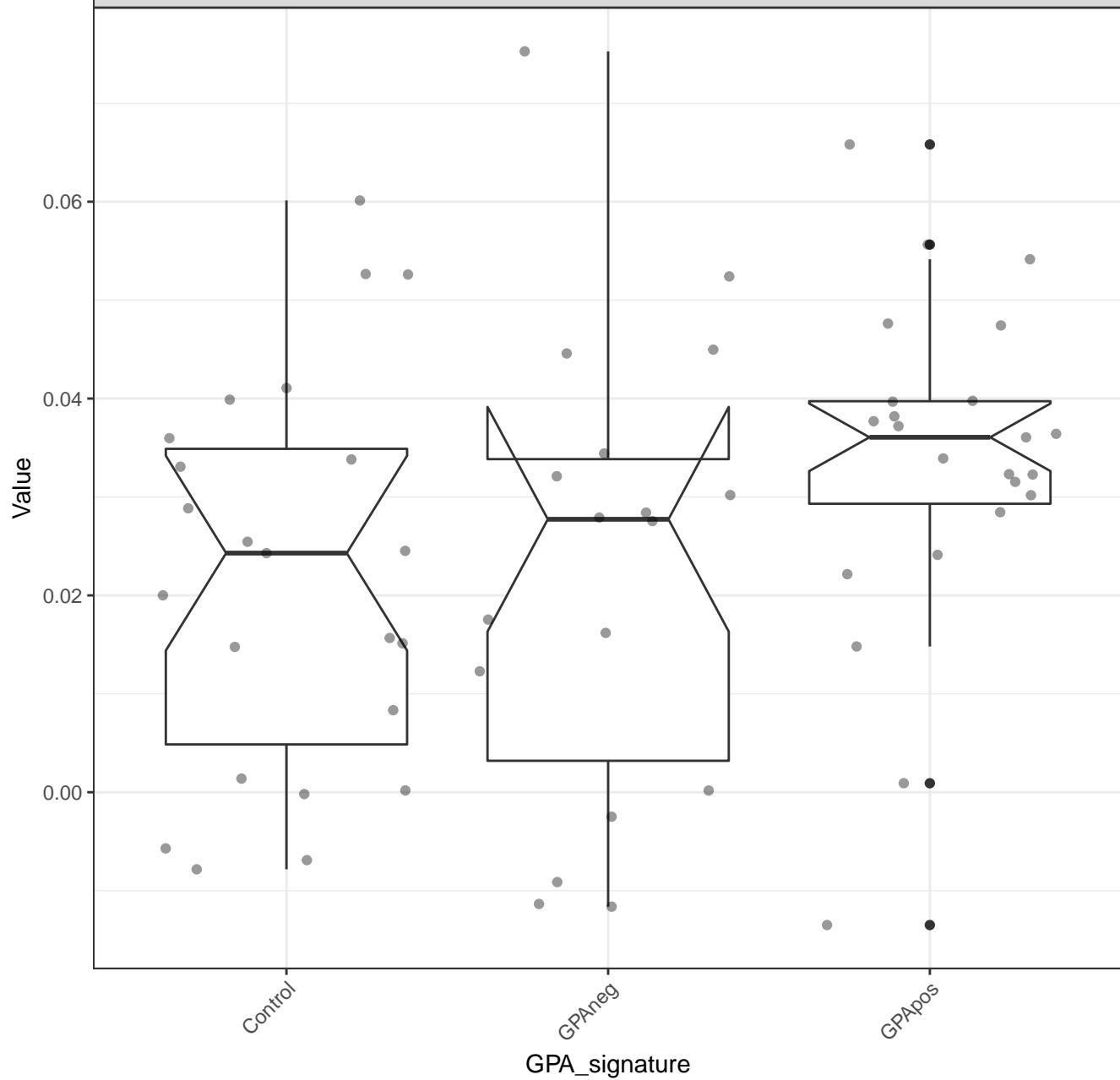
Control

GPAneg

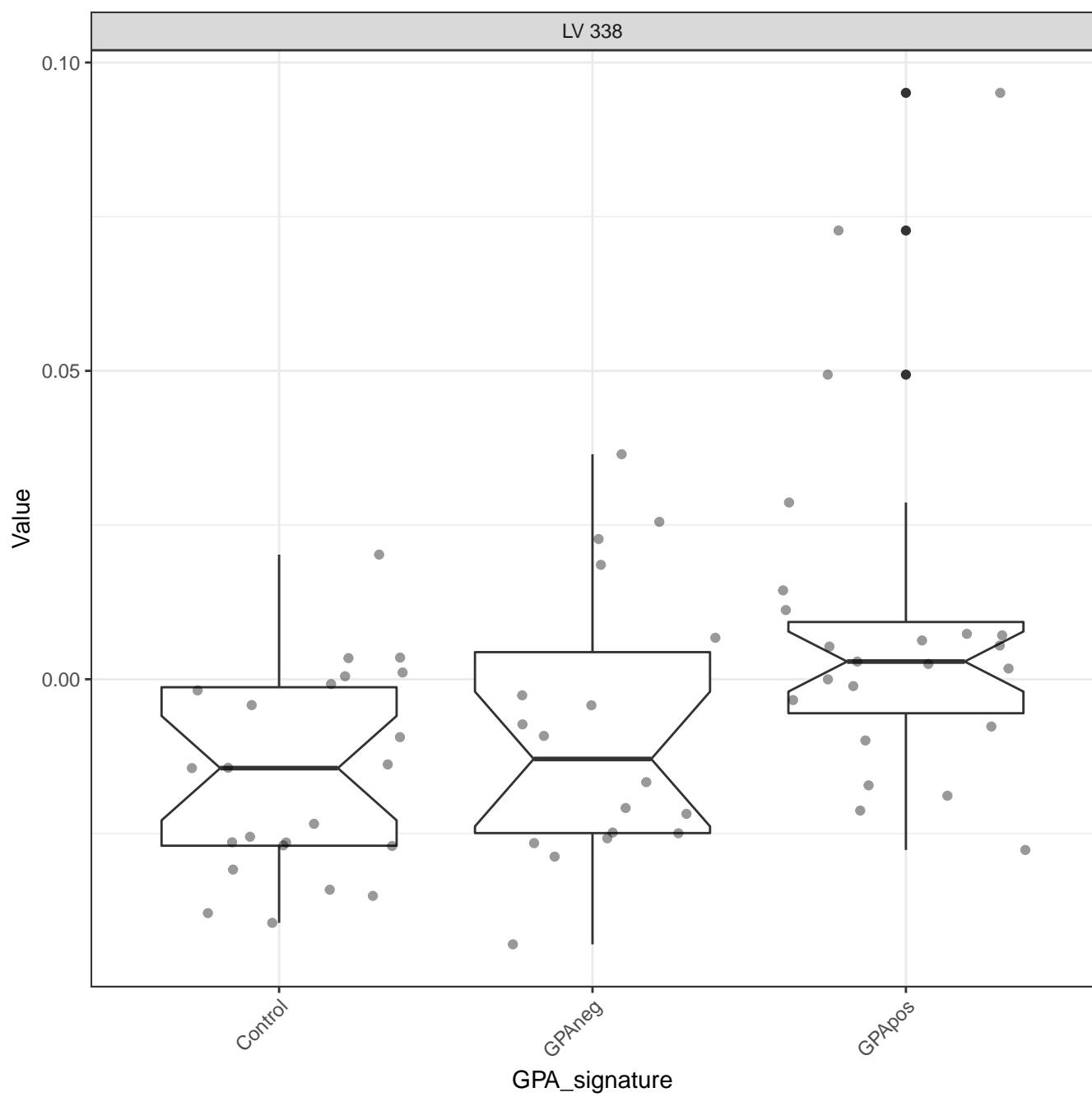
GPAPos

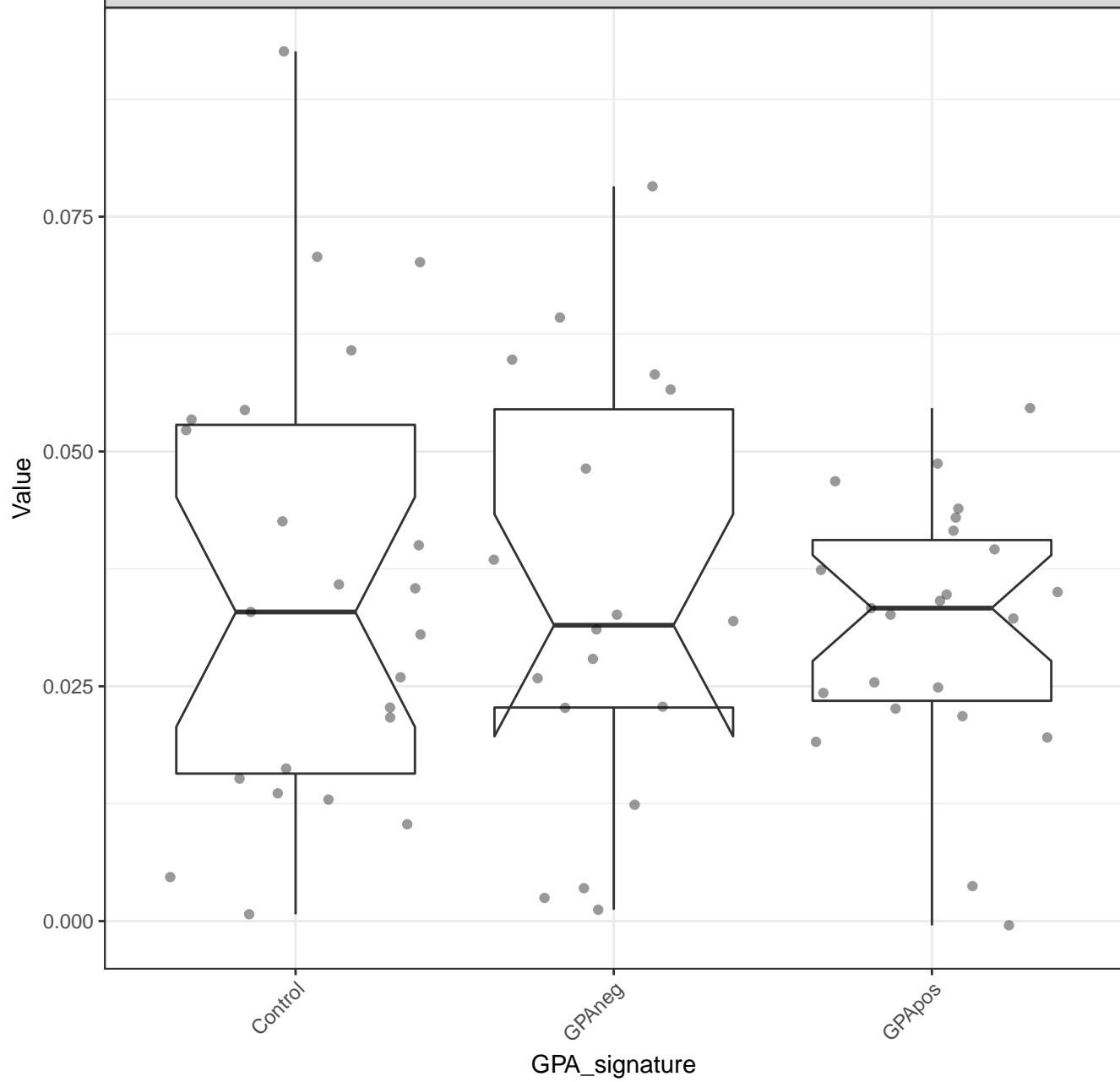
GPA_signature





LV 338





LV 340

Value

0.00

-0.02

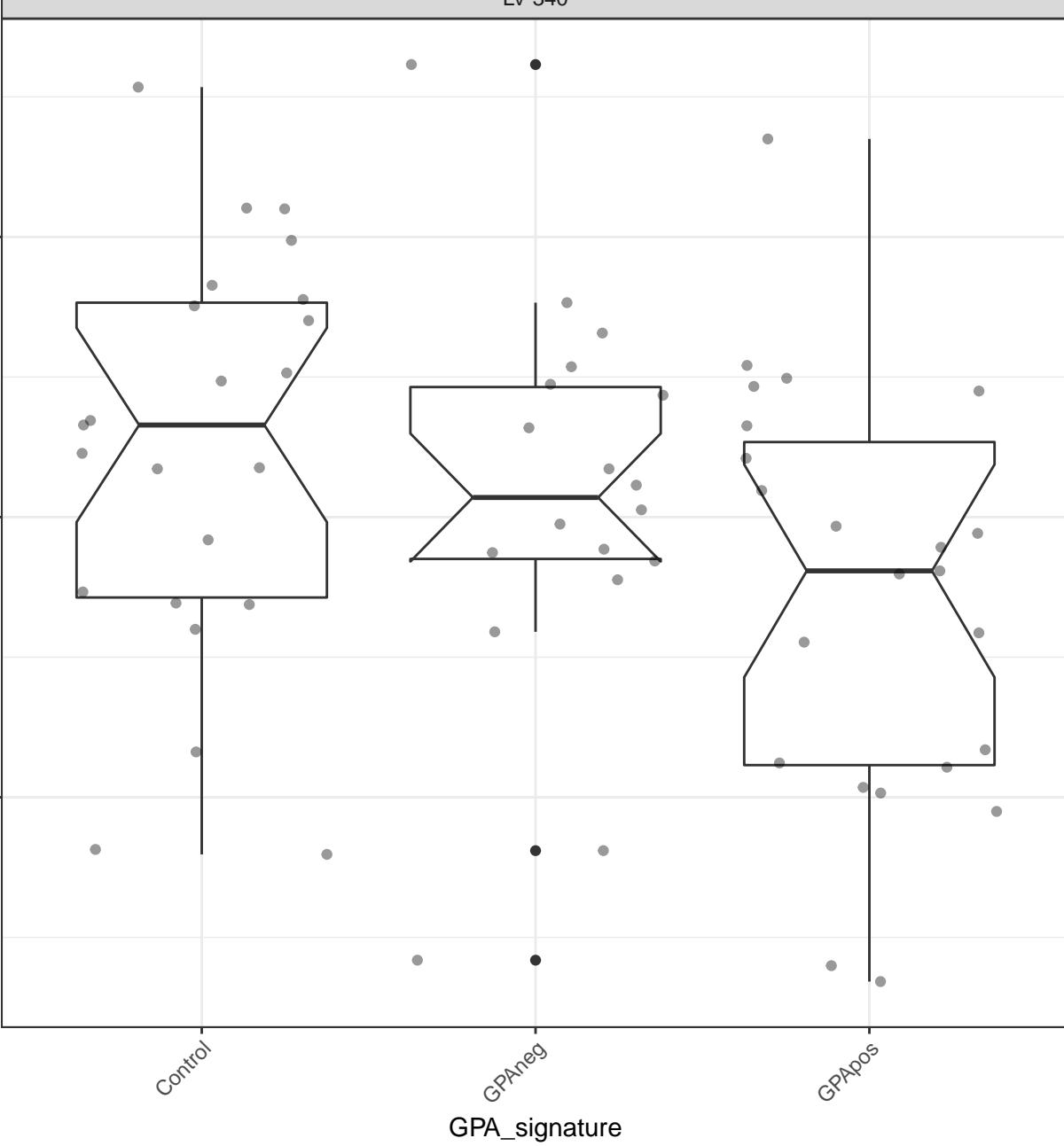
-0.04

Control

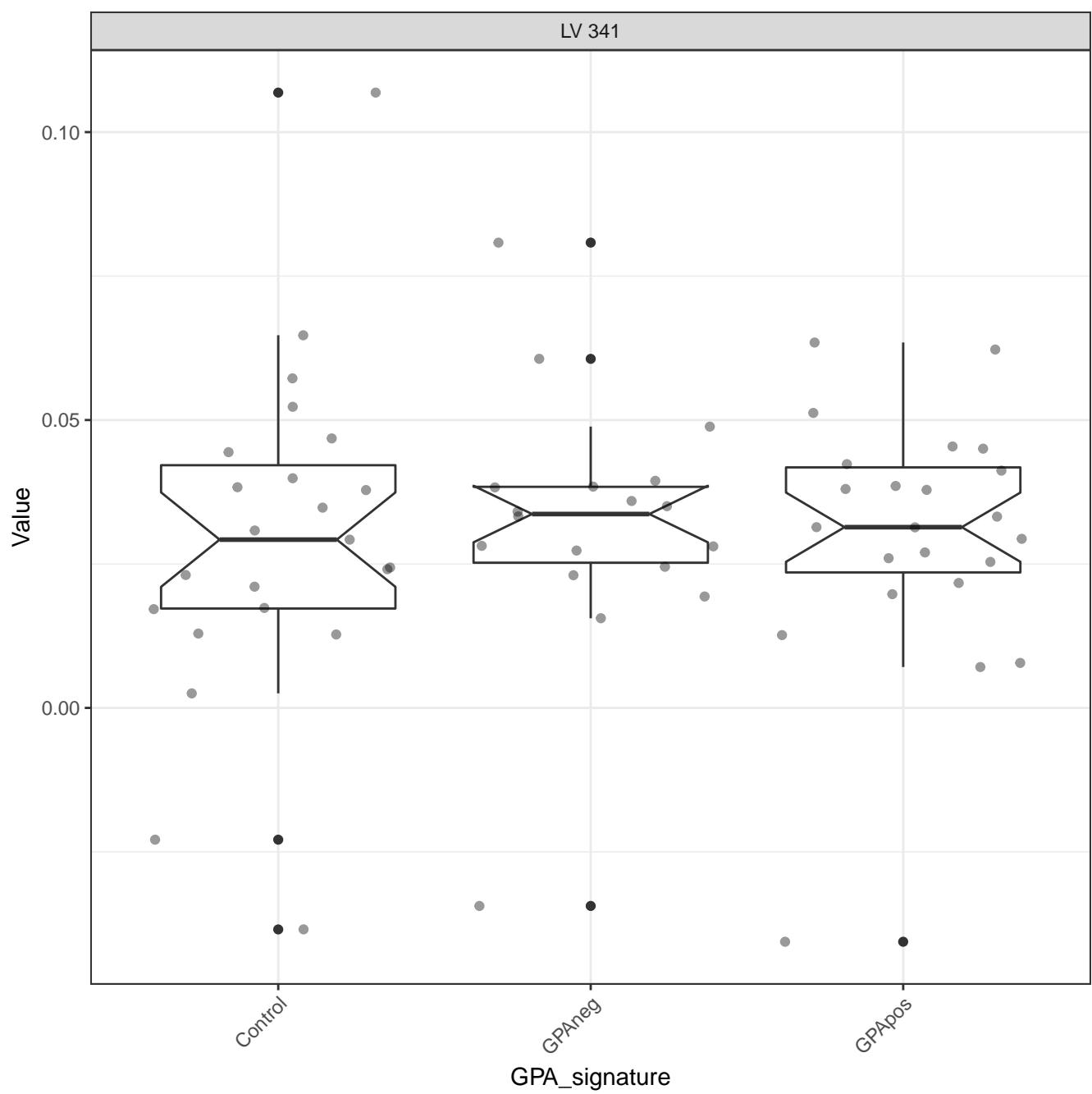
GPAneg

GPApos

GPA_signature



LV 341



LV 342

Value

0.06

0.03

0.00

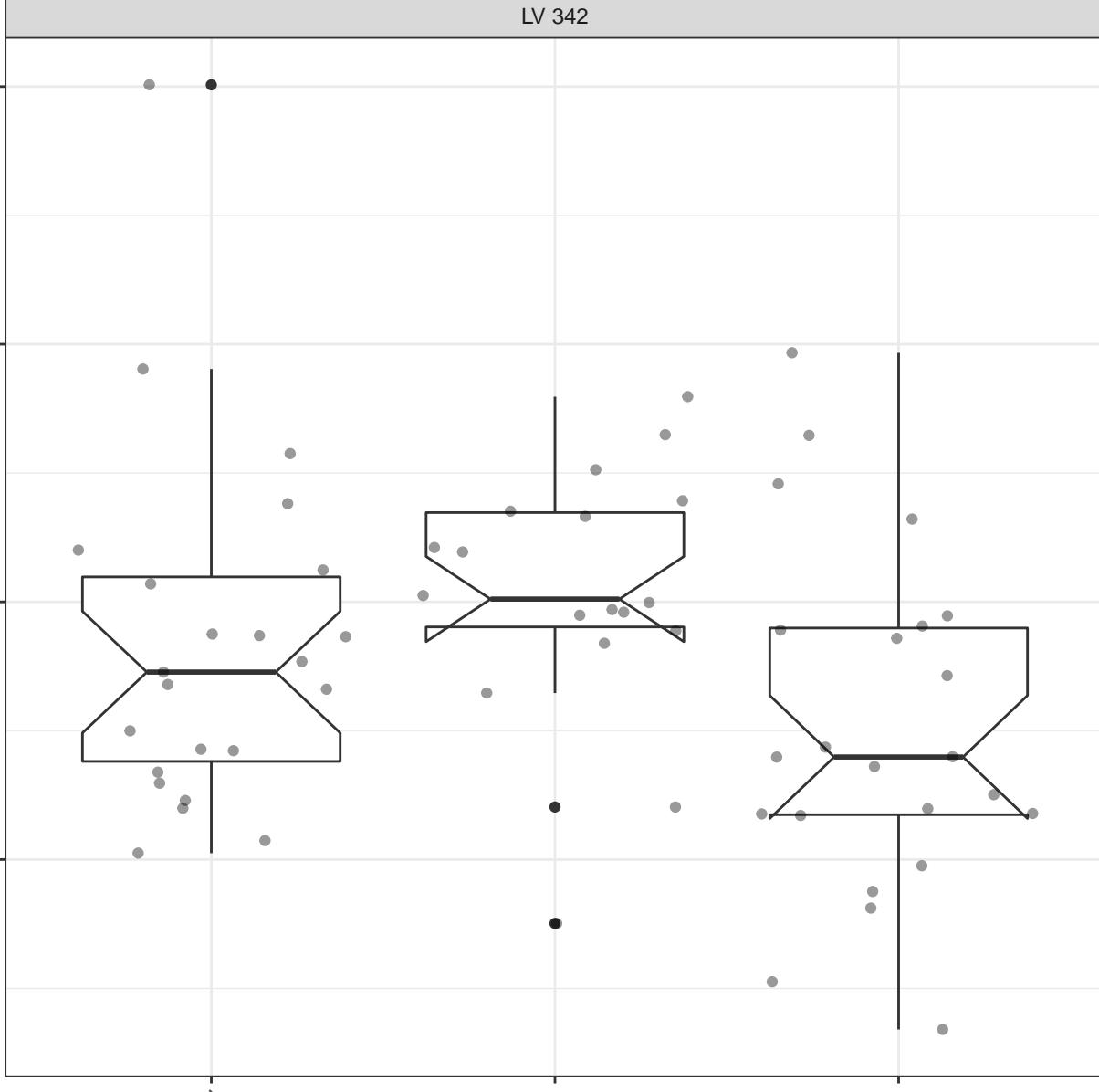
-0.03

Control

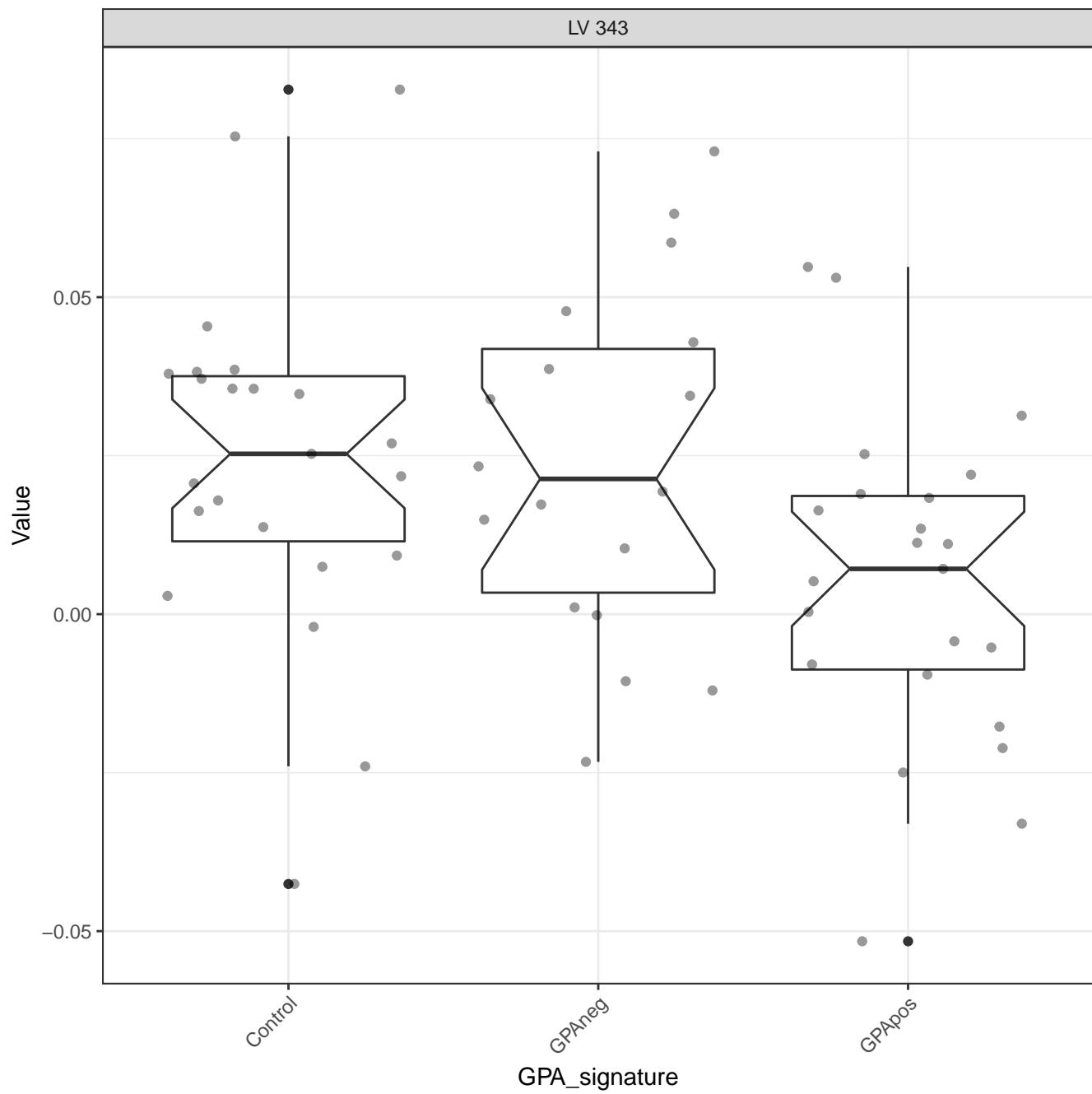
GPA_signature

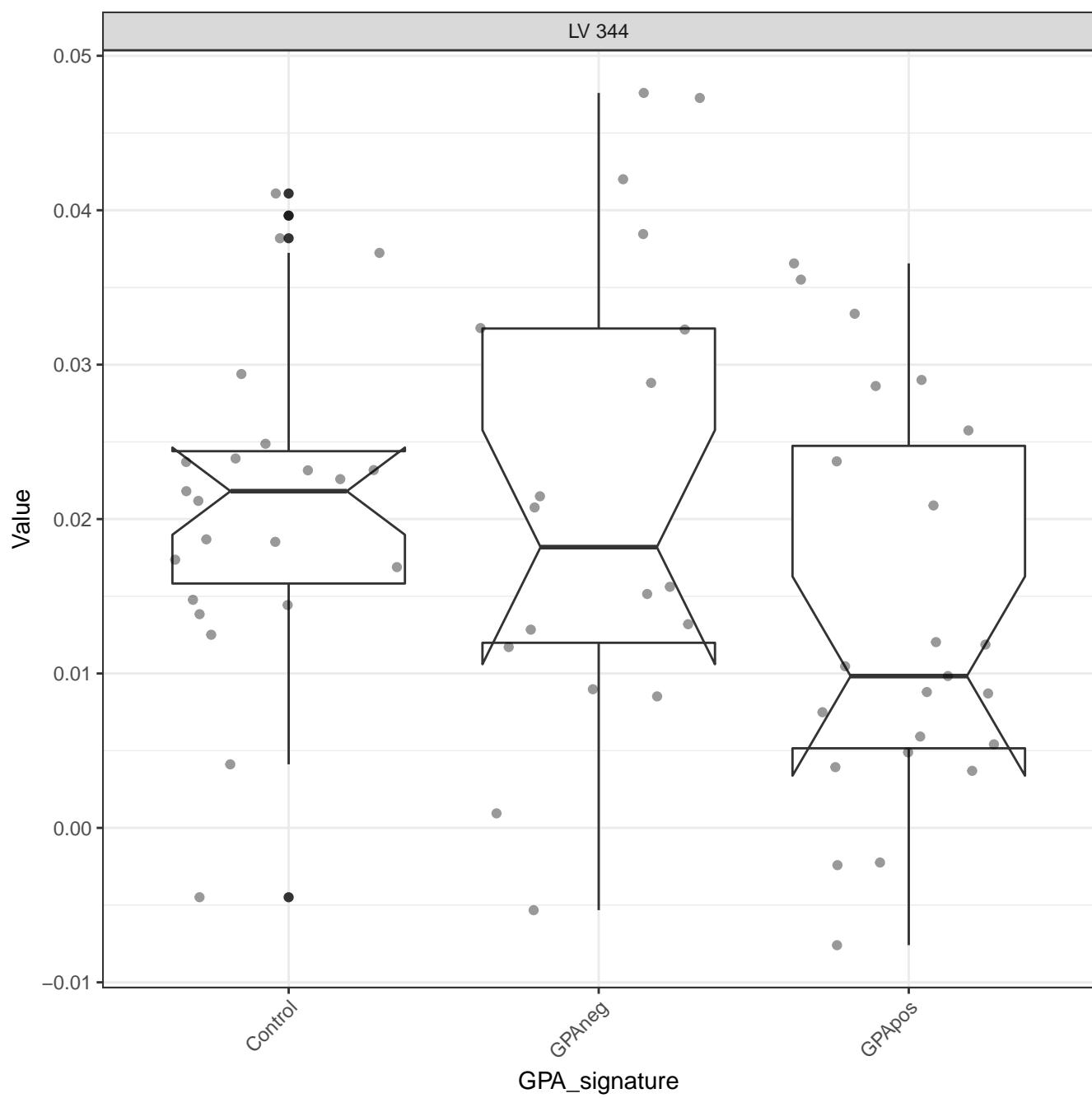
GPAneg

GPAPos

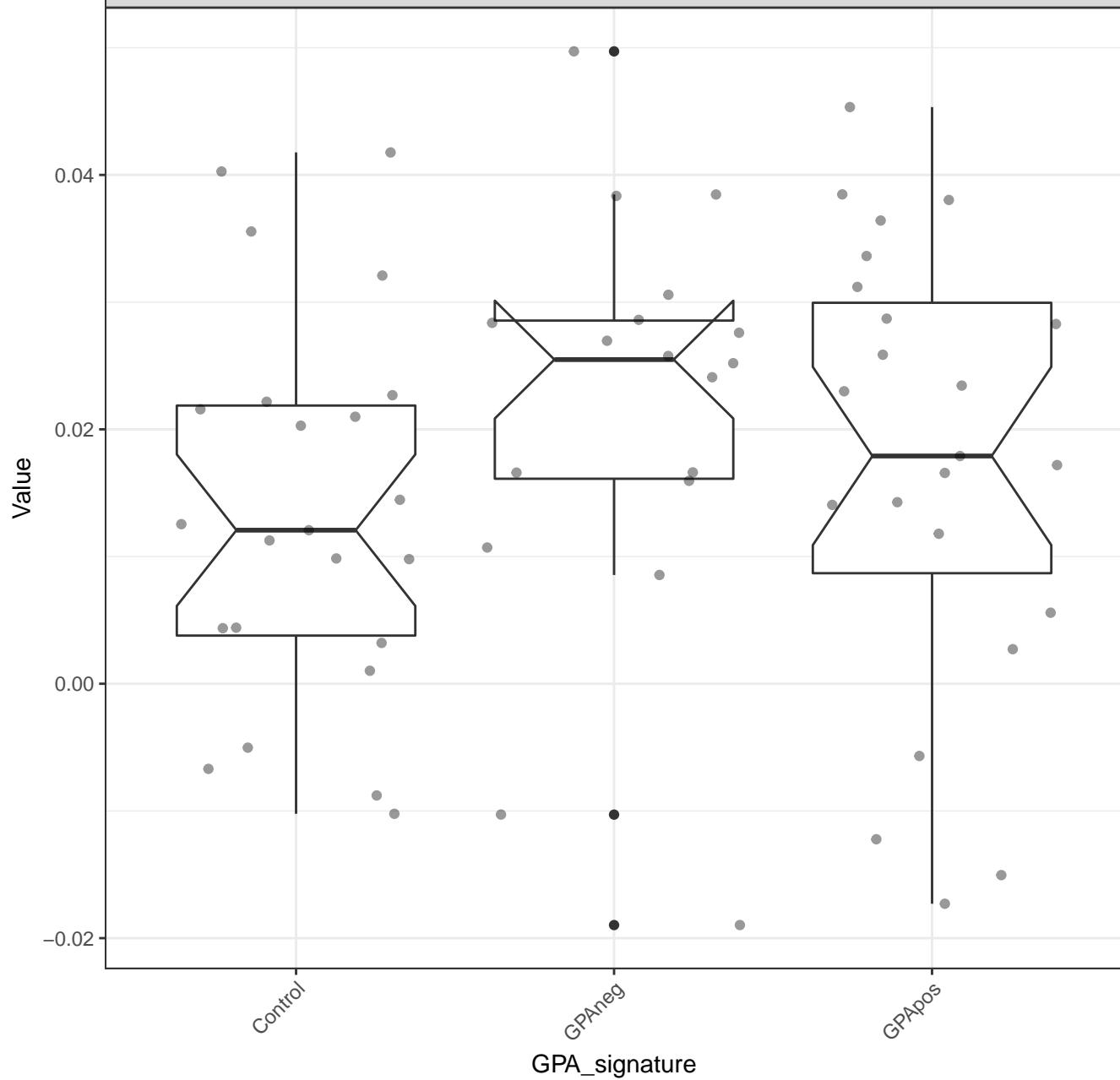


LV 343





LV 345



LV 346

Value

0.00

-0.04

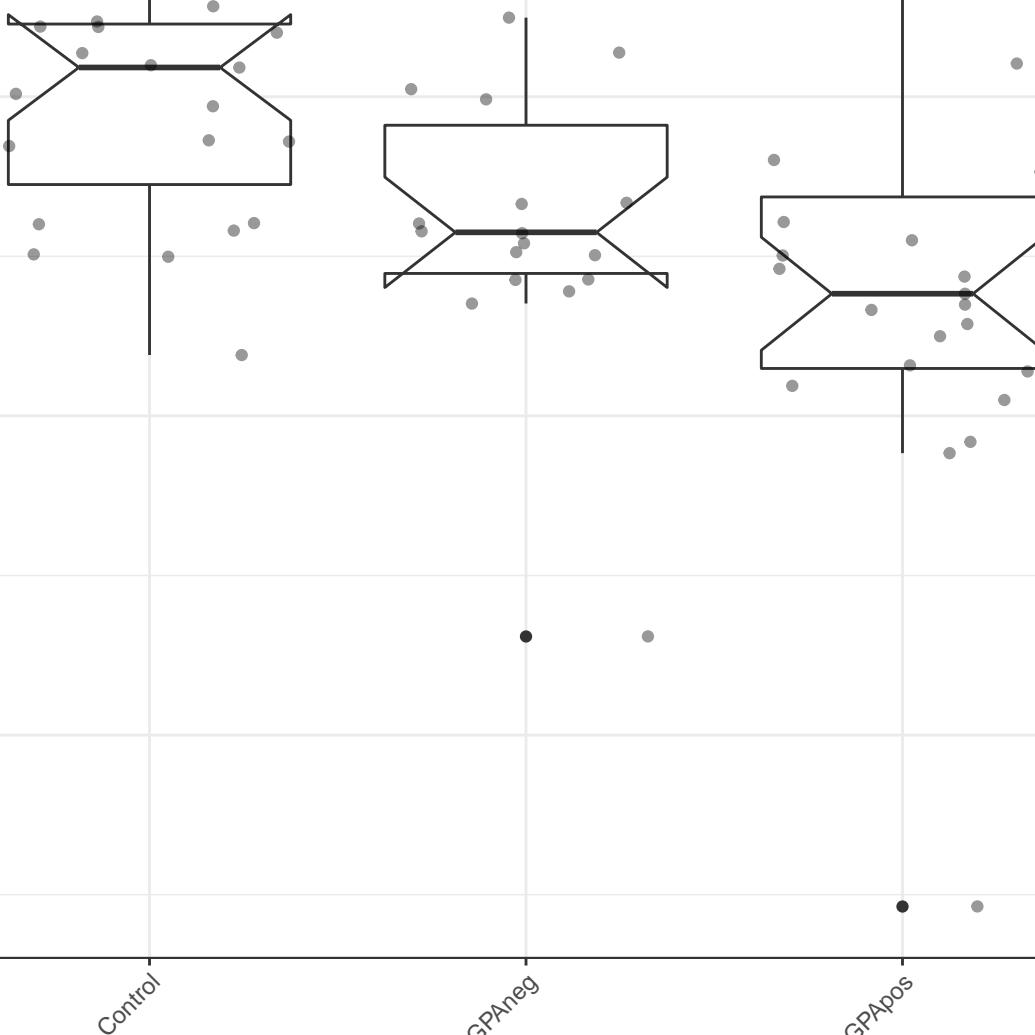
-0.08

Control

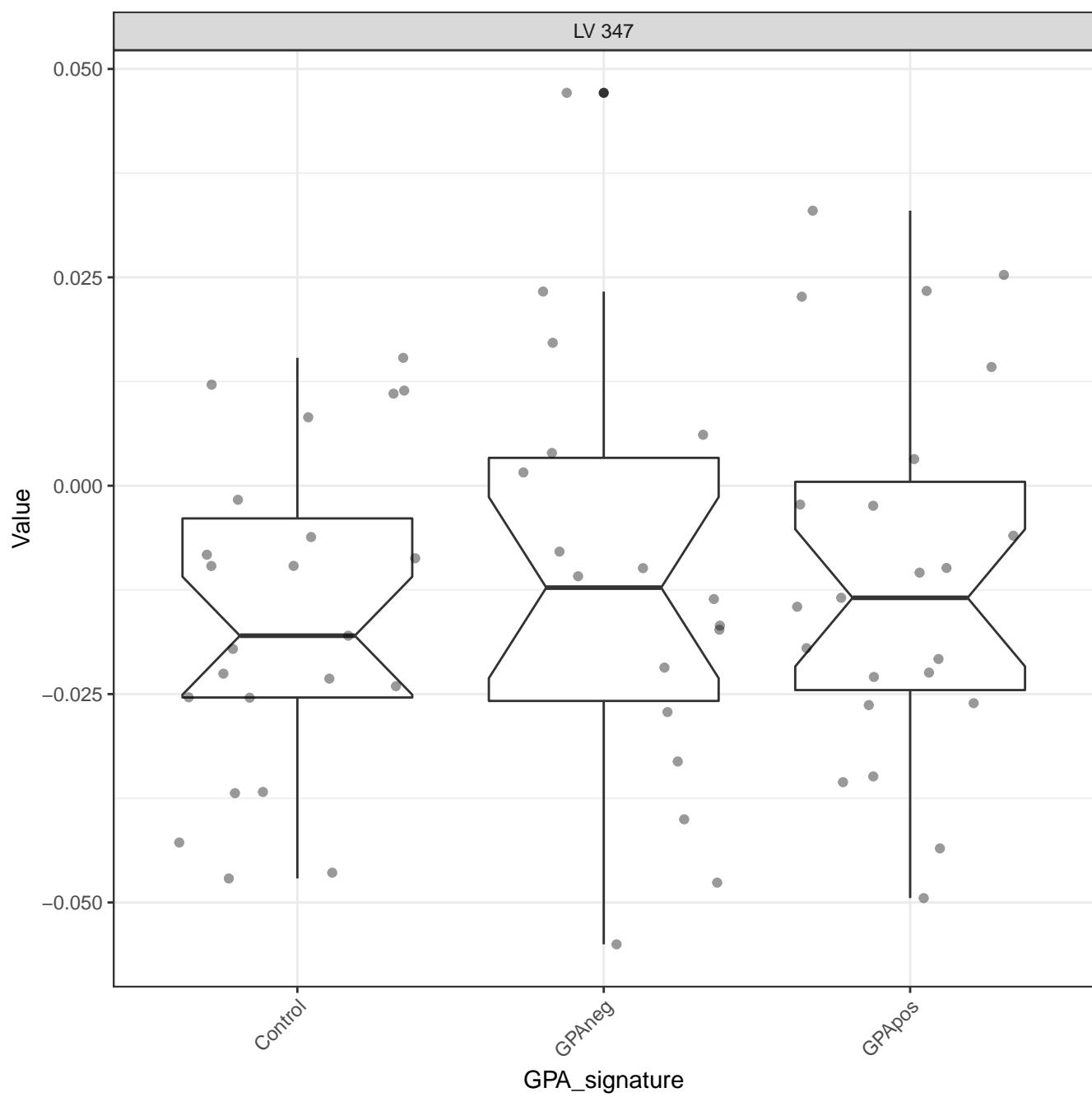
GPAneg

GPAPos

GPA_signature



LV 347



LV 348

Value

0.050

0.025

0.000

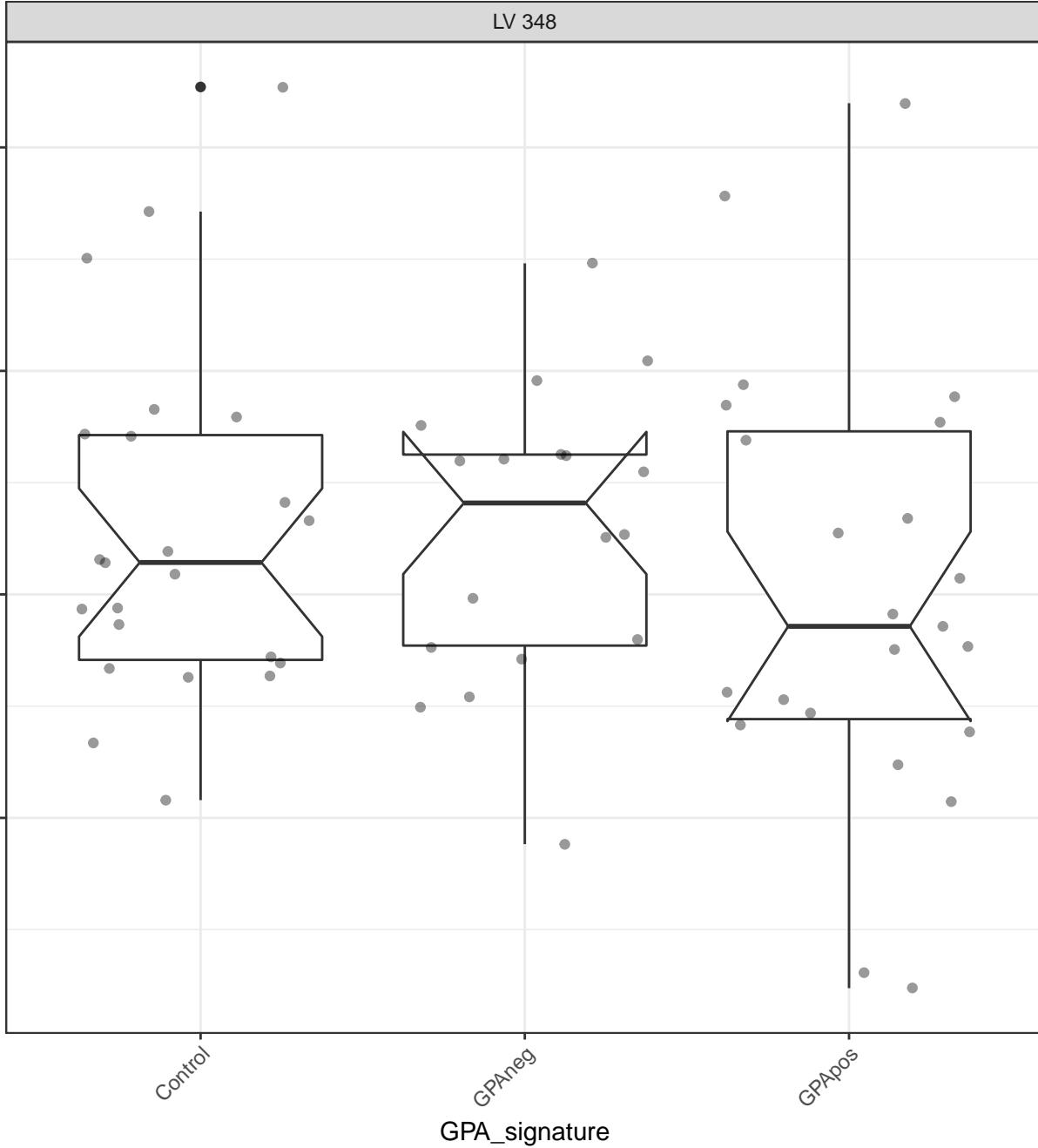
-0.025

Control

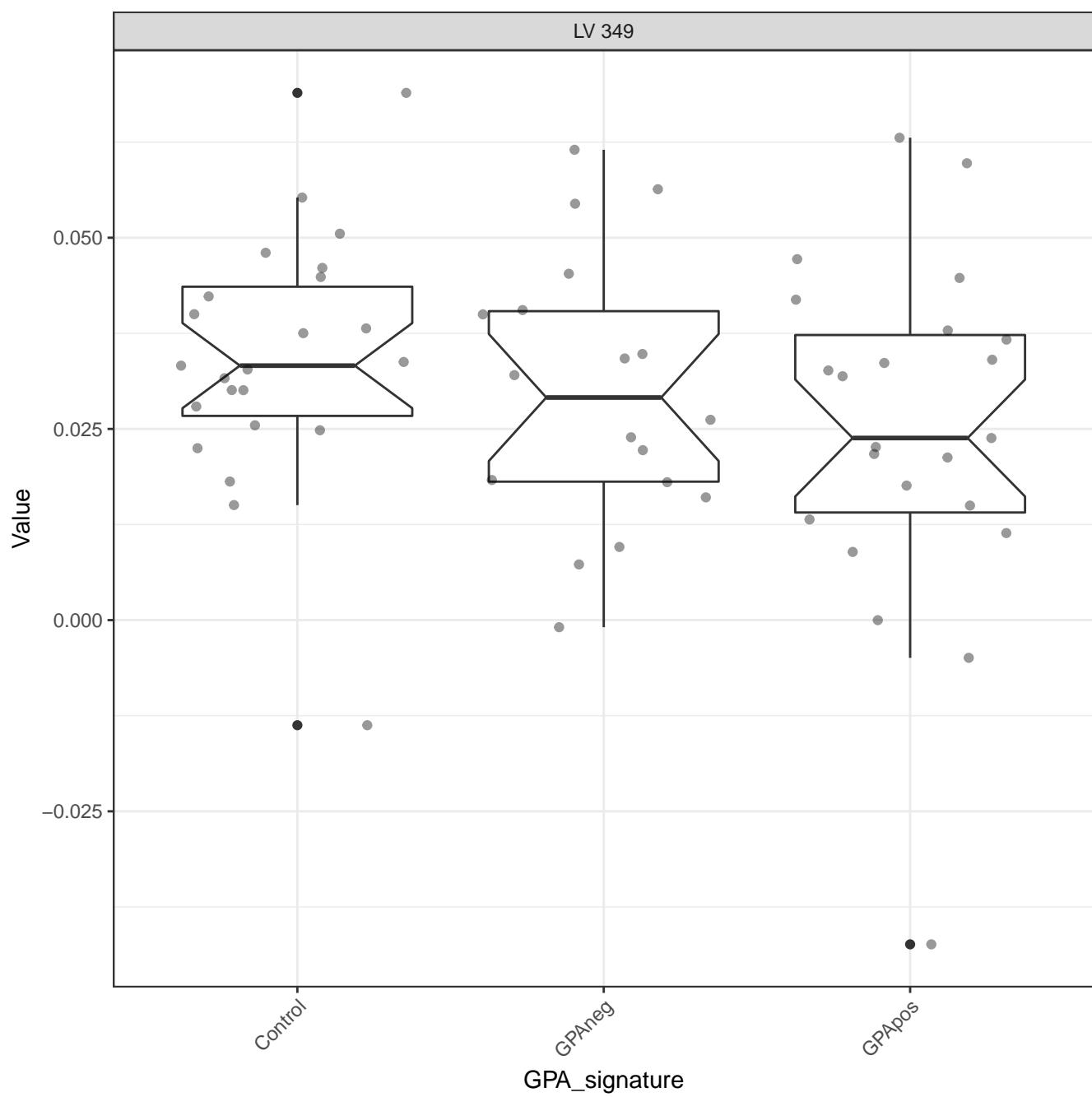
GPAneg

GPAPos

GPA_signature



LV 349



LV 350

Value

0.05

0.01

-0.05

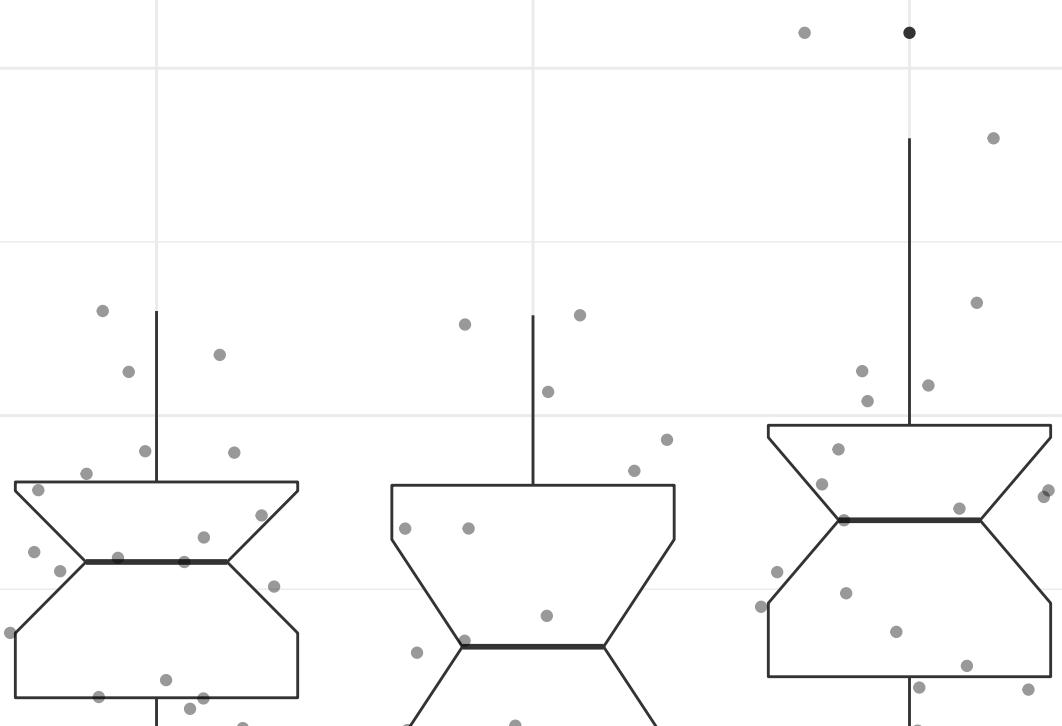
-0.10

Control

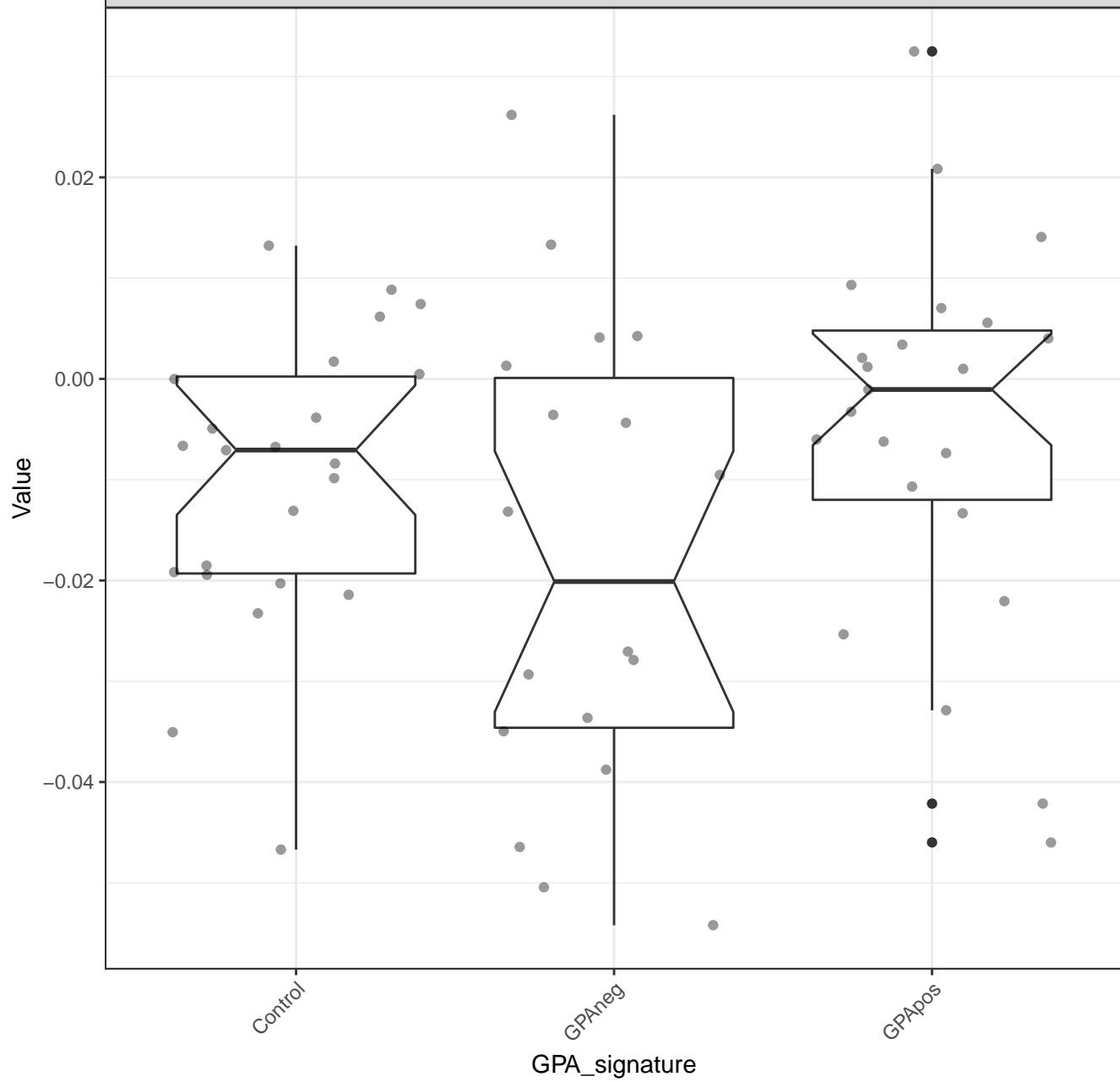
GPAneg

GPApos

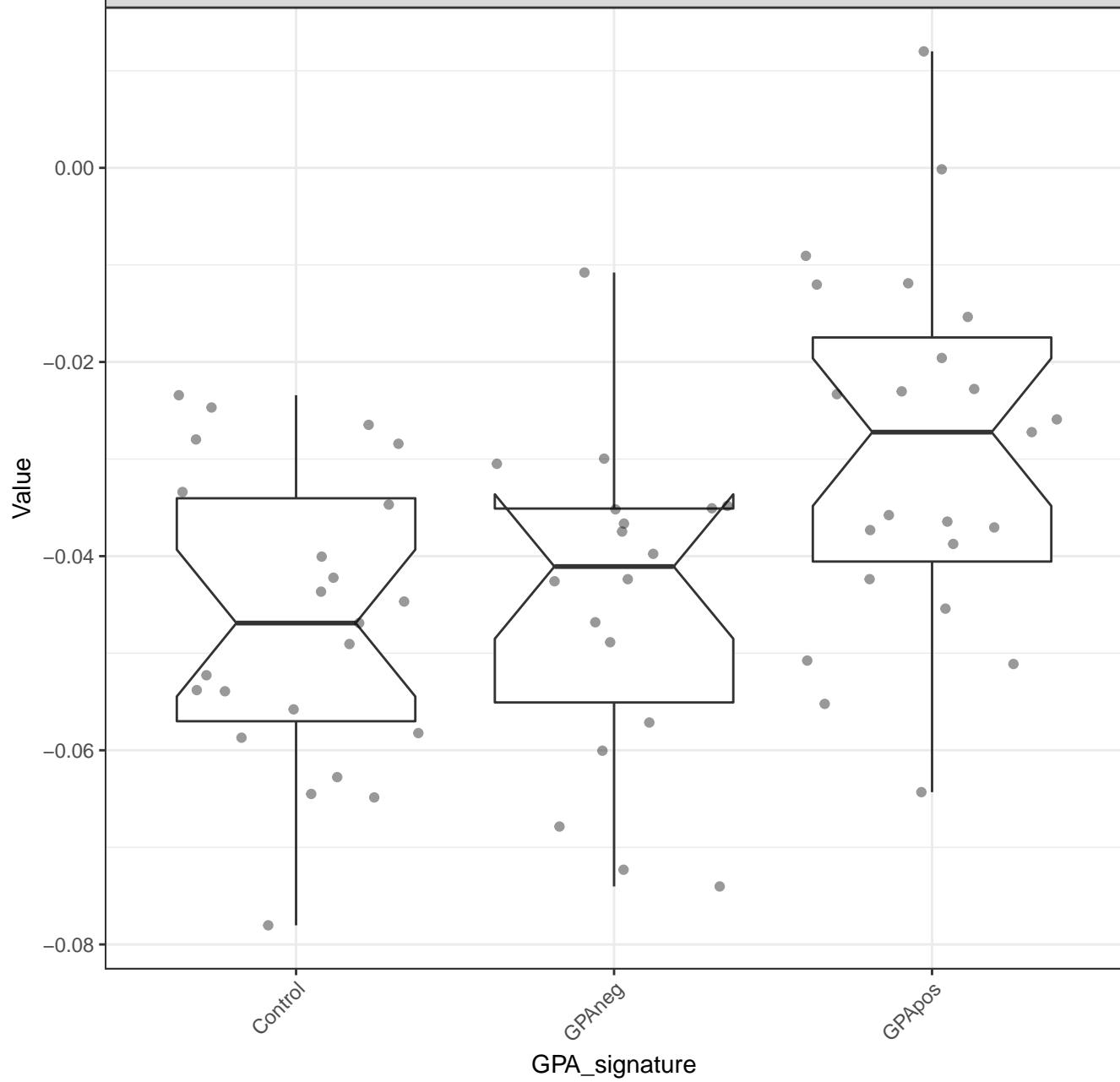
GPA_signature



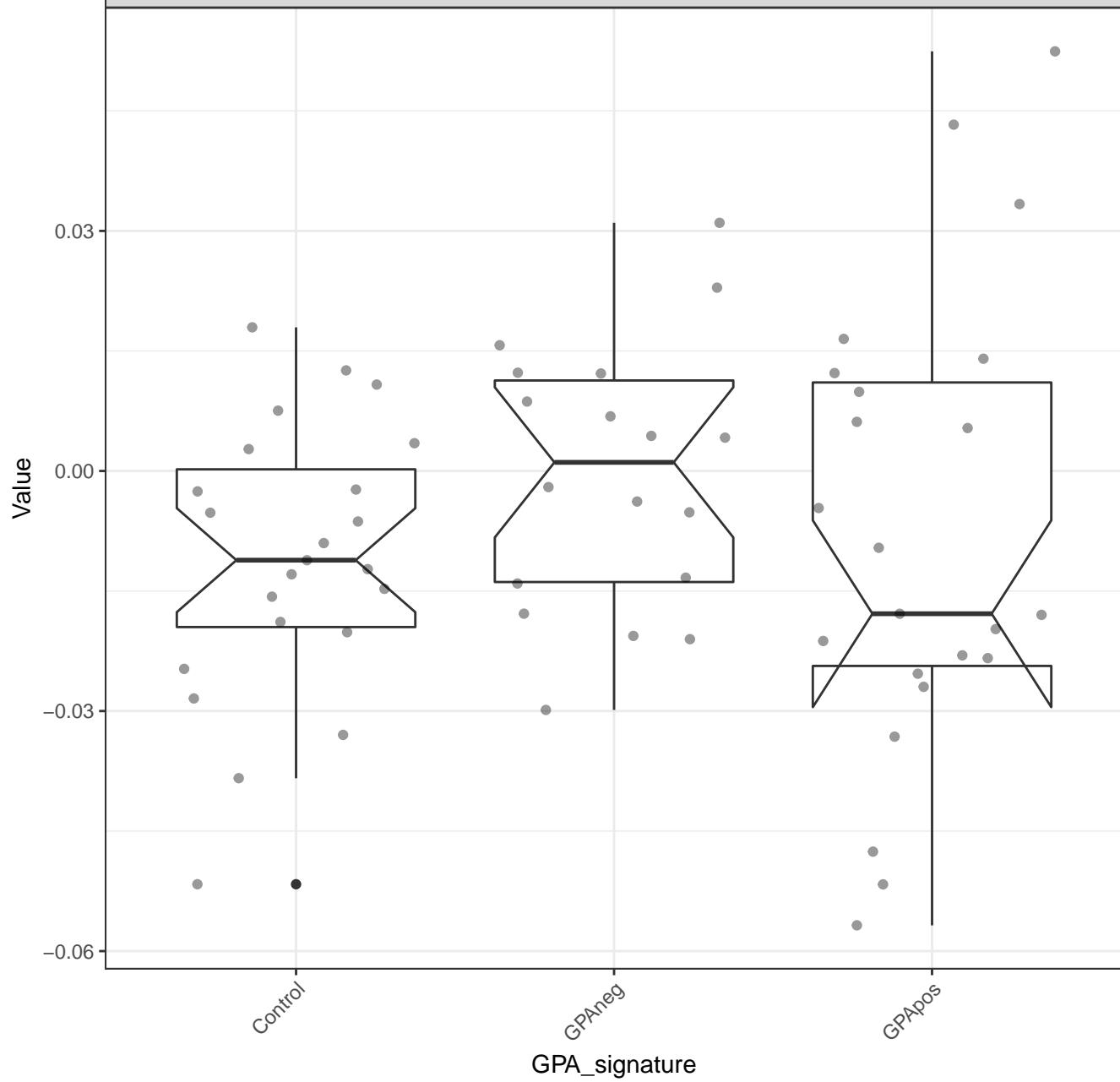
LV 351



LV 352



LV 353



LV 354

Value

0.06

0.03

0.00

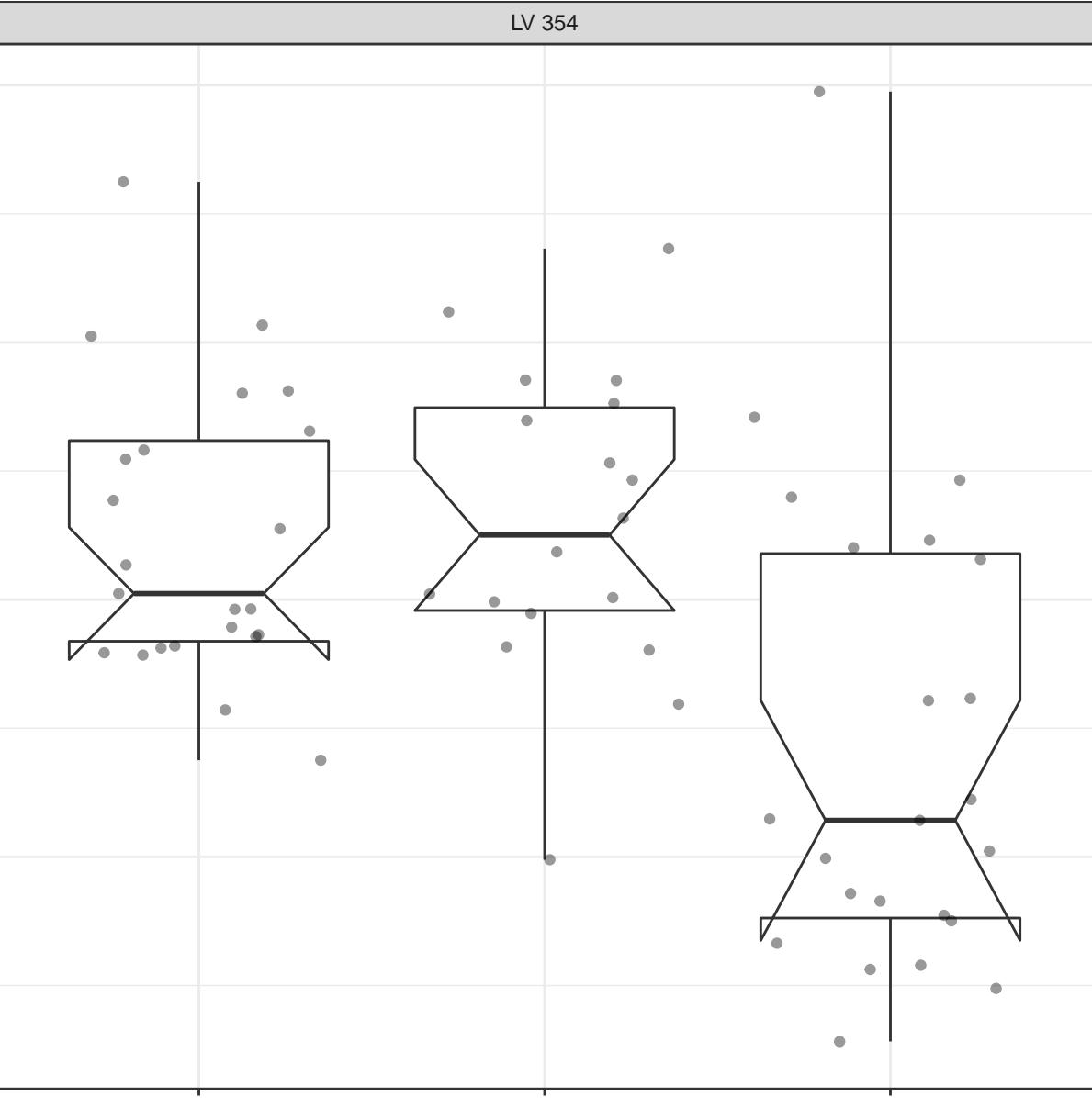
-0.03

Control

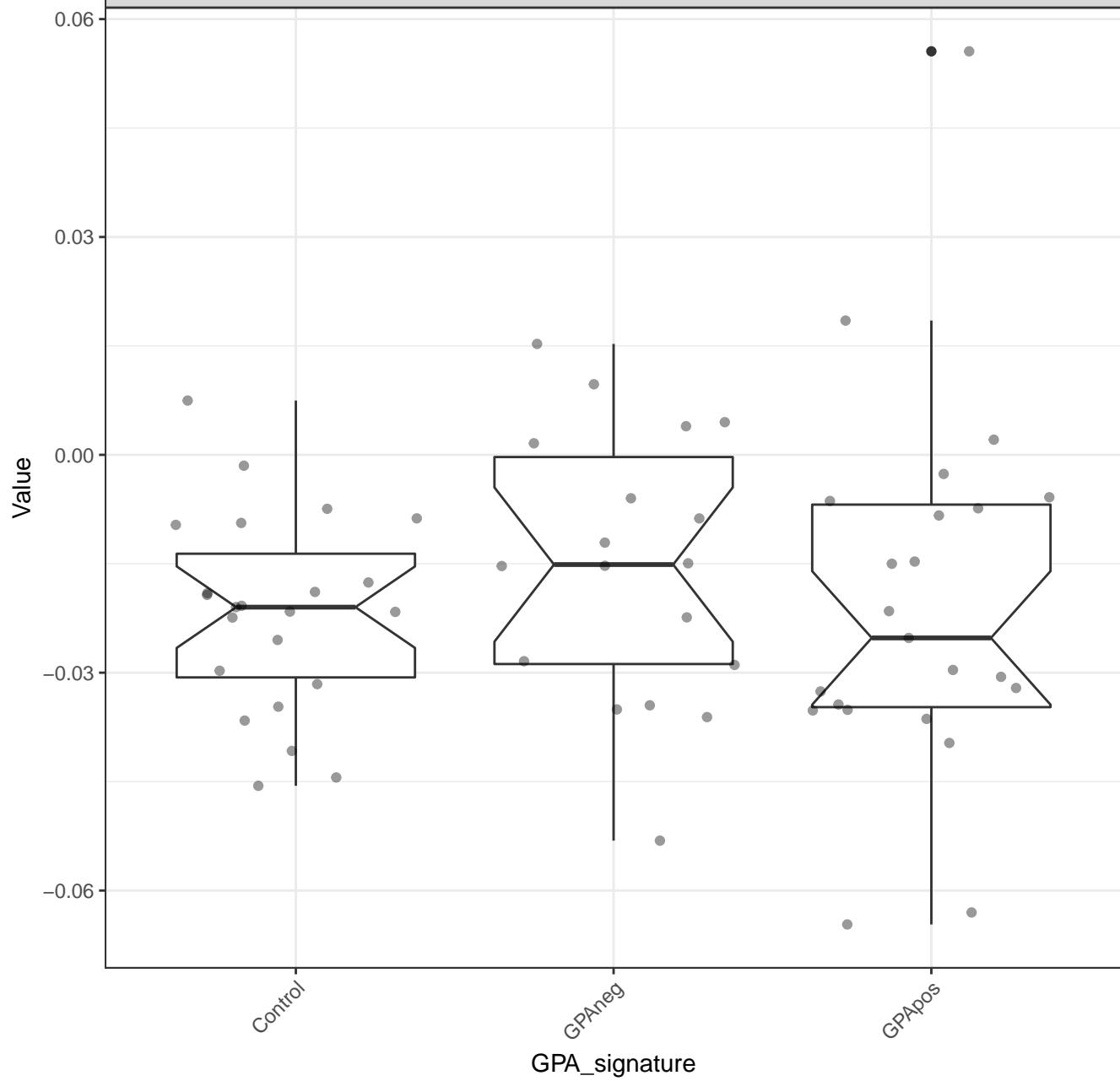
GPA_signature

GPAneg

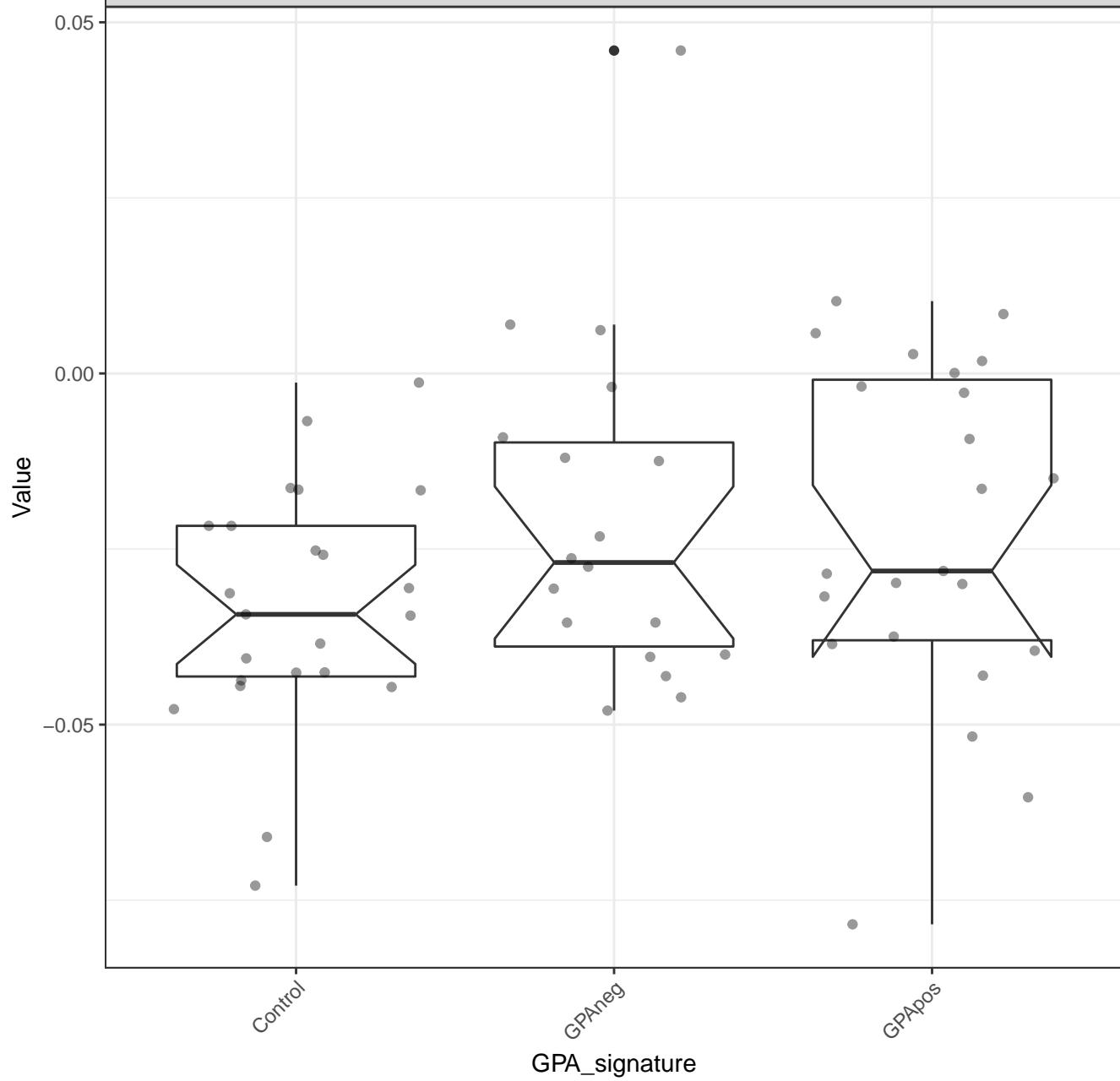
GPApos



LV 355



356,REACTOME_TRANSCRITIONAL_ACTIVITY_OF_SMAD2_SMAD3_SMAD4_HETEROTRIMER



LV 357

Value

0.05

0.00

-0.05

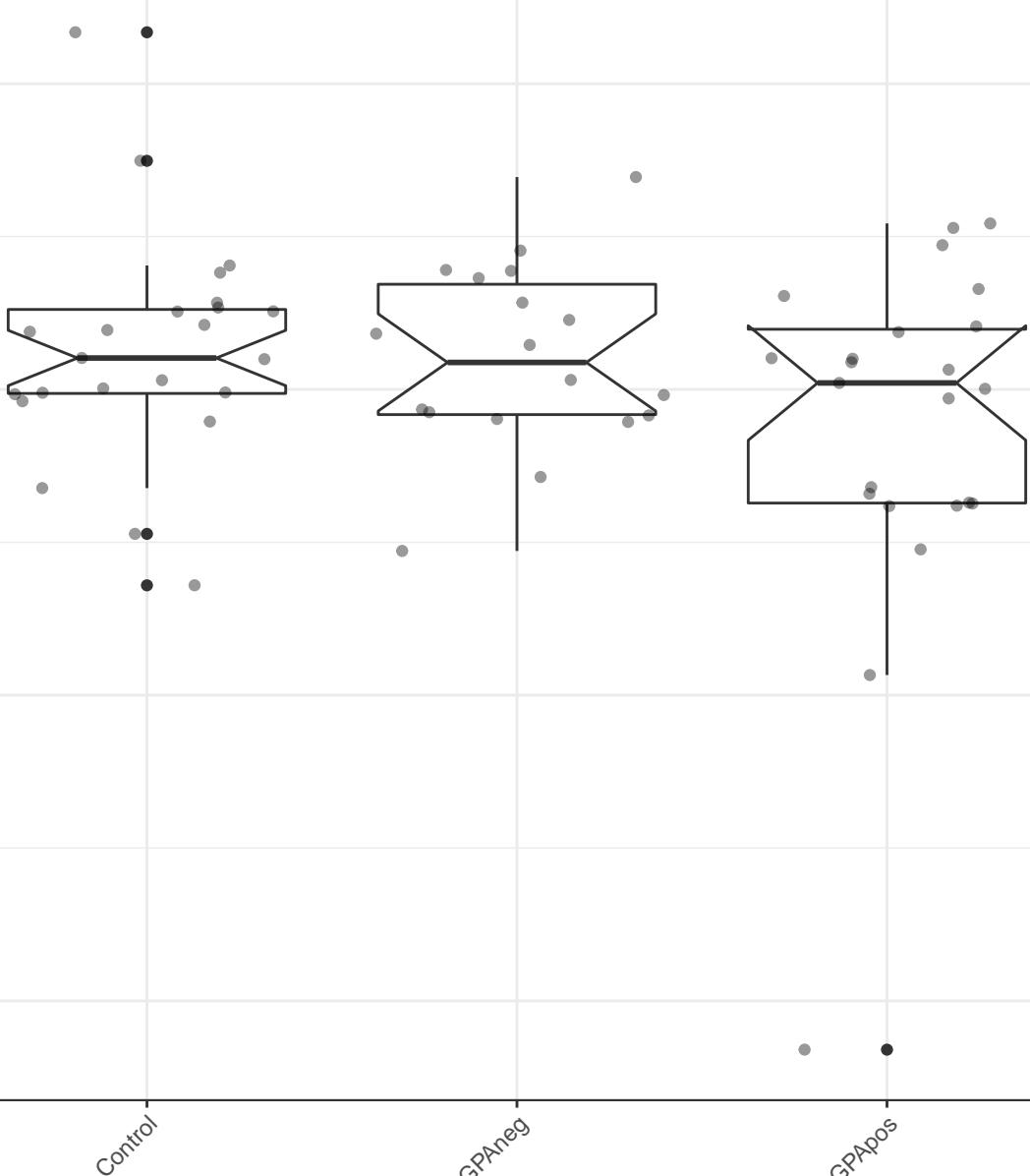
-0.10

Control

GPA_signature

GPAneg

GPApos



LV 358

Value

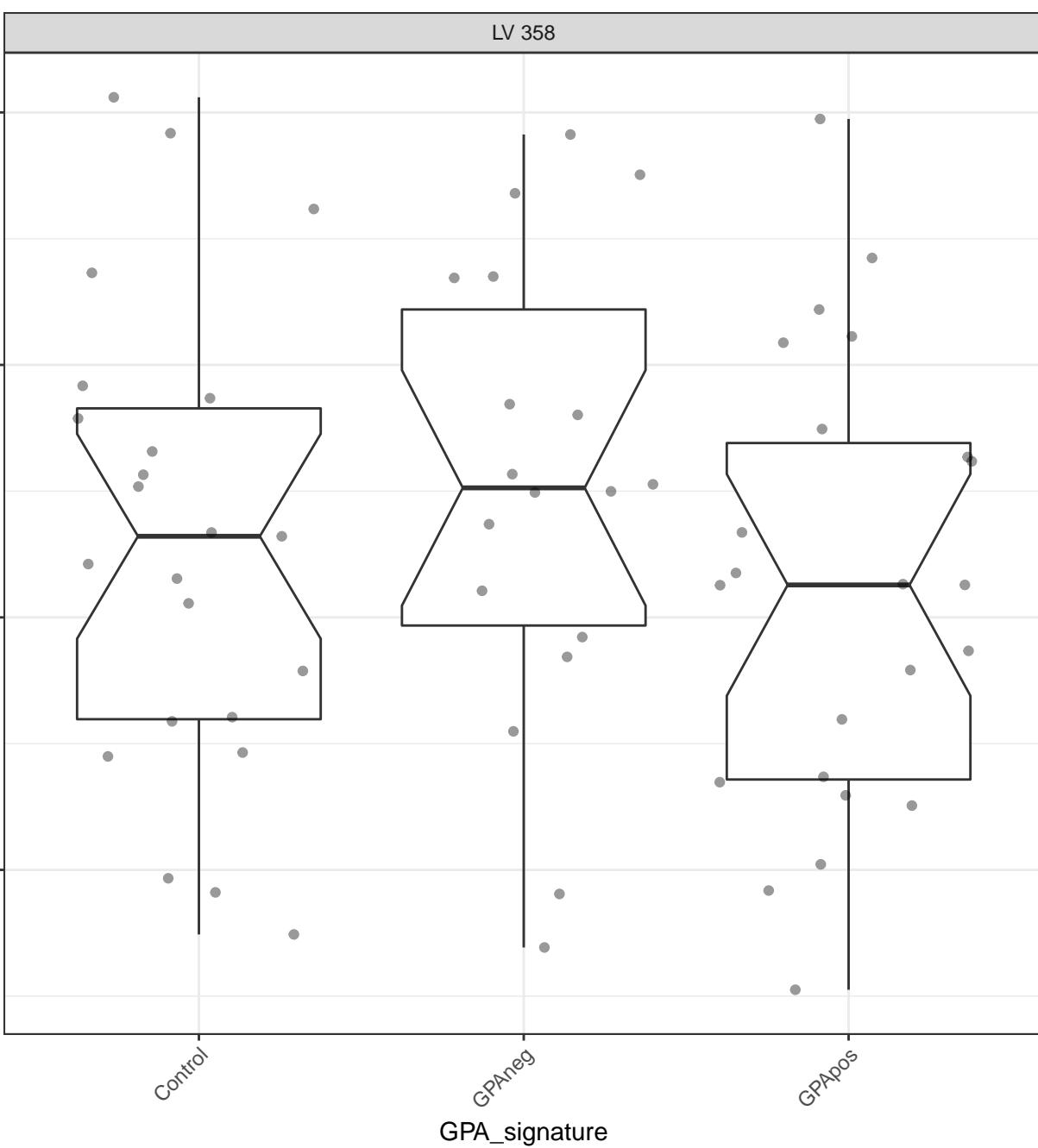
0.04
0.02
0.00
-0.02

Control

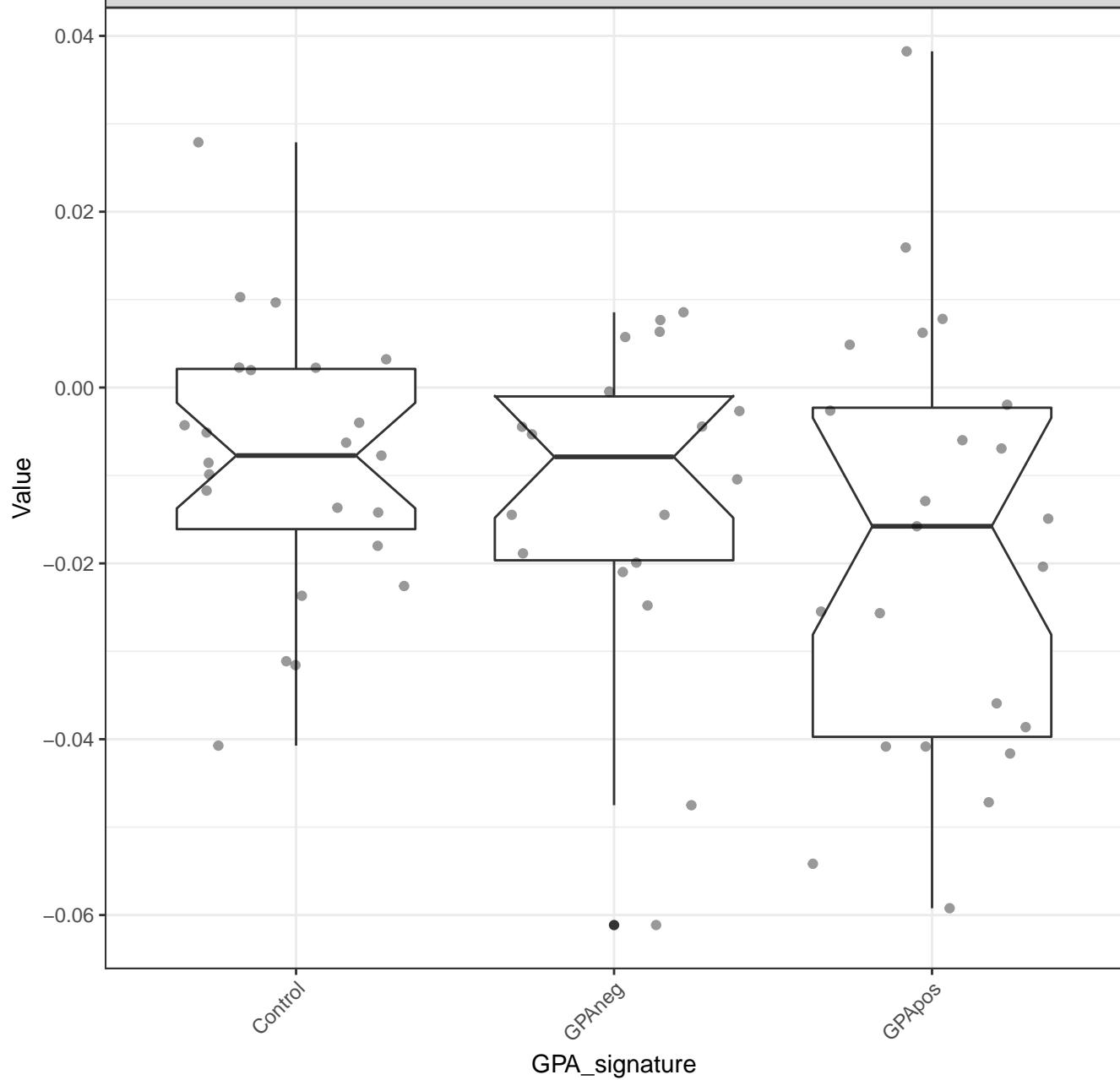
GPAneg

GPAPos

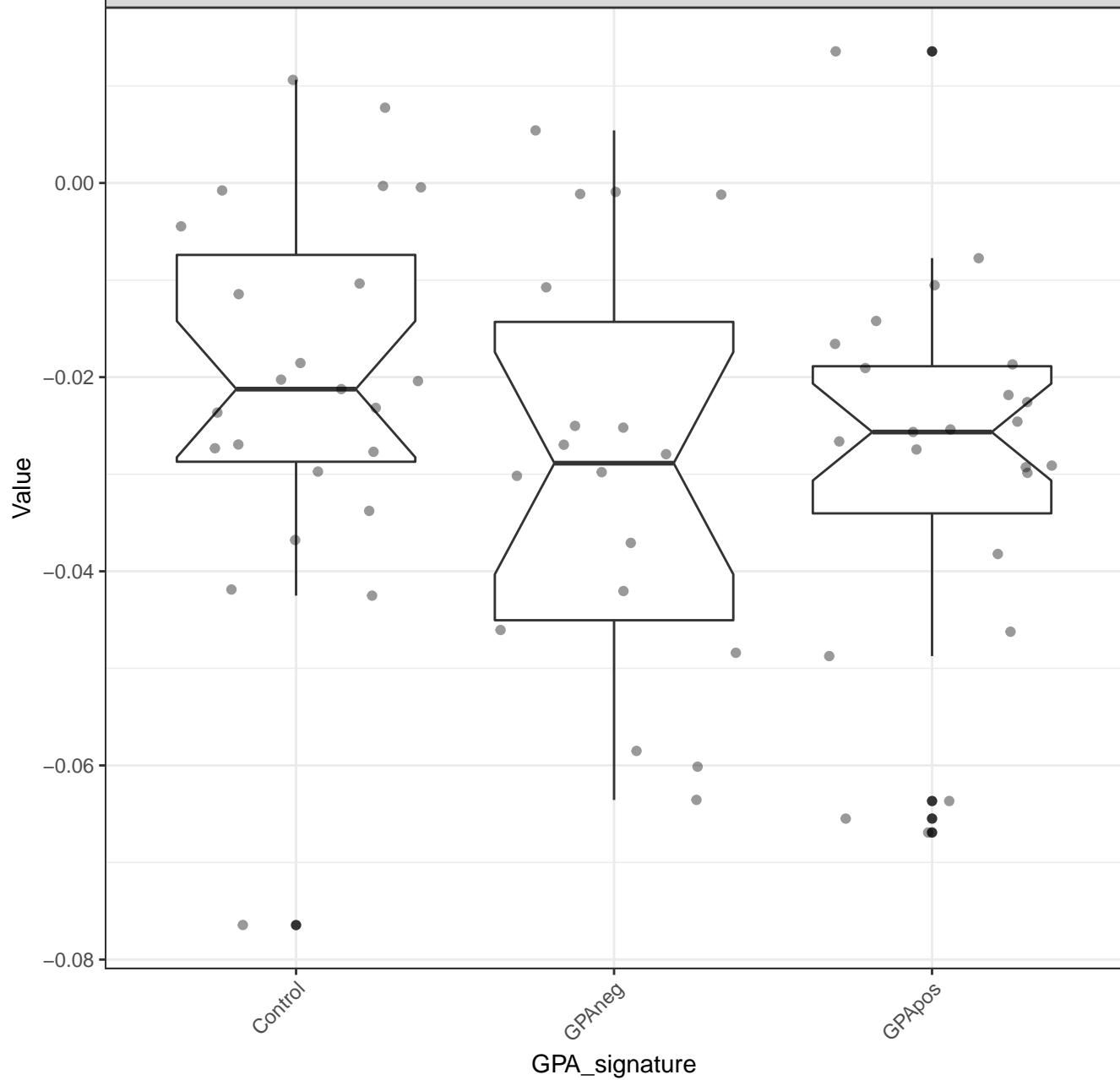
GPA_signature



LV 359



LV 360



LV 361

Value

0.10

0.05

0.00

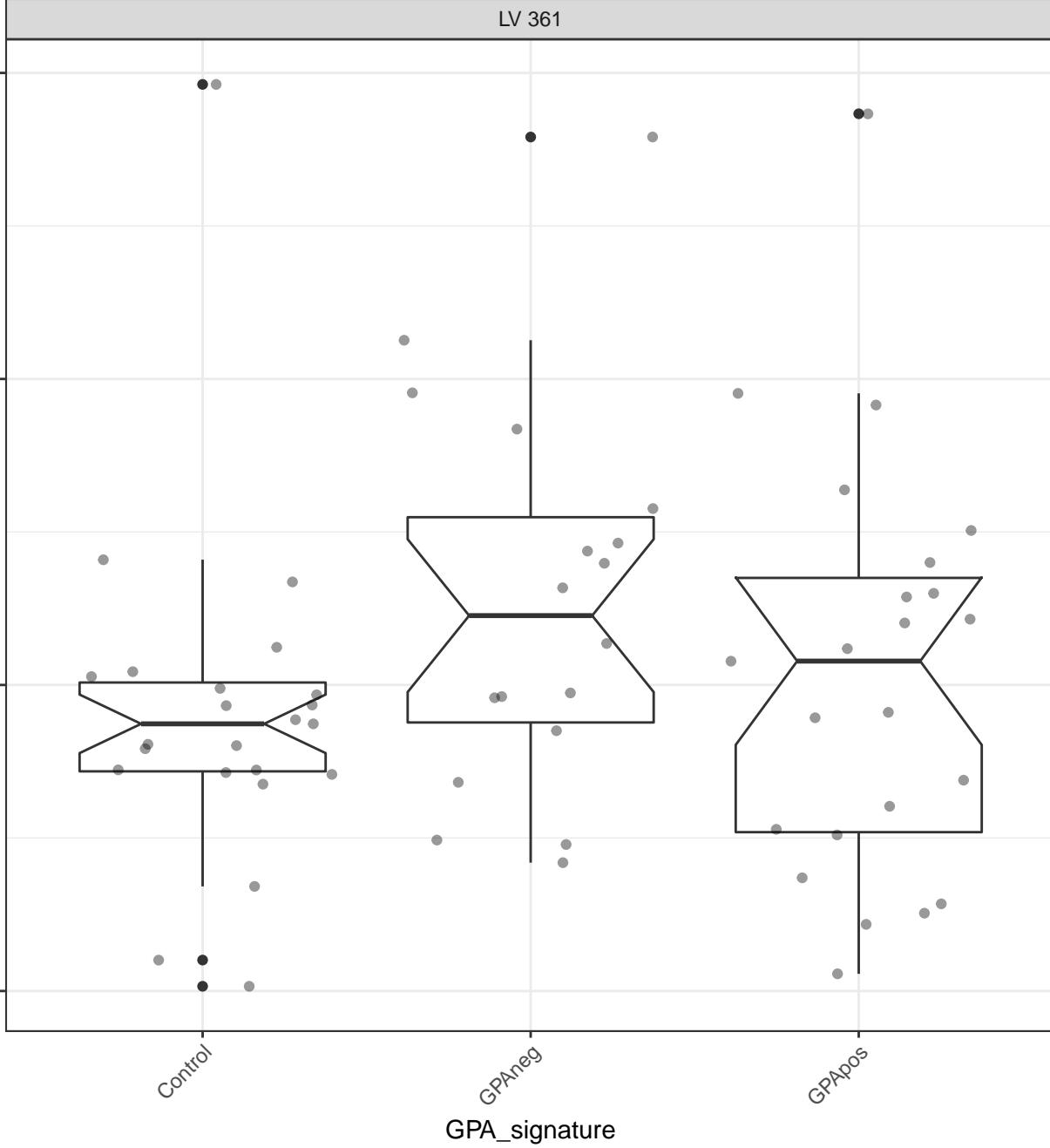
-0.05

Control

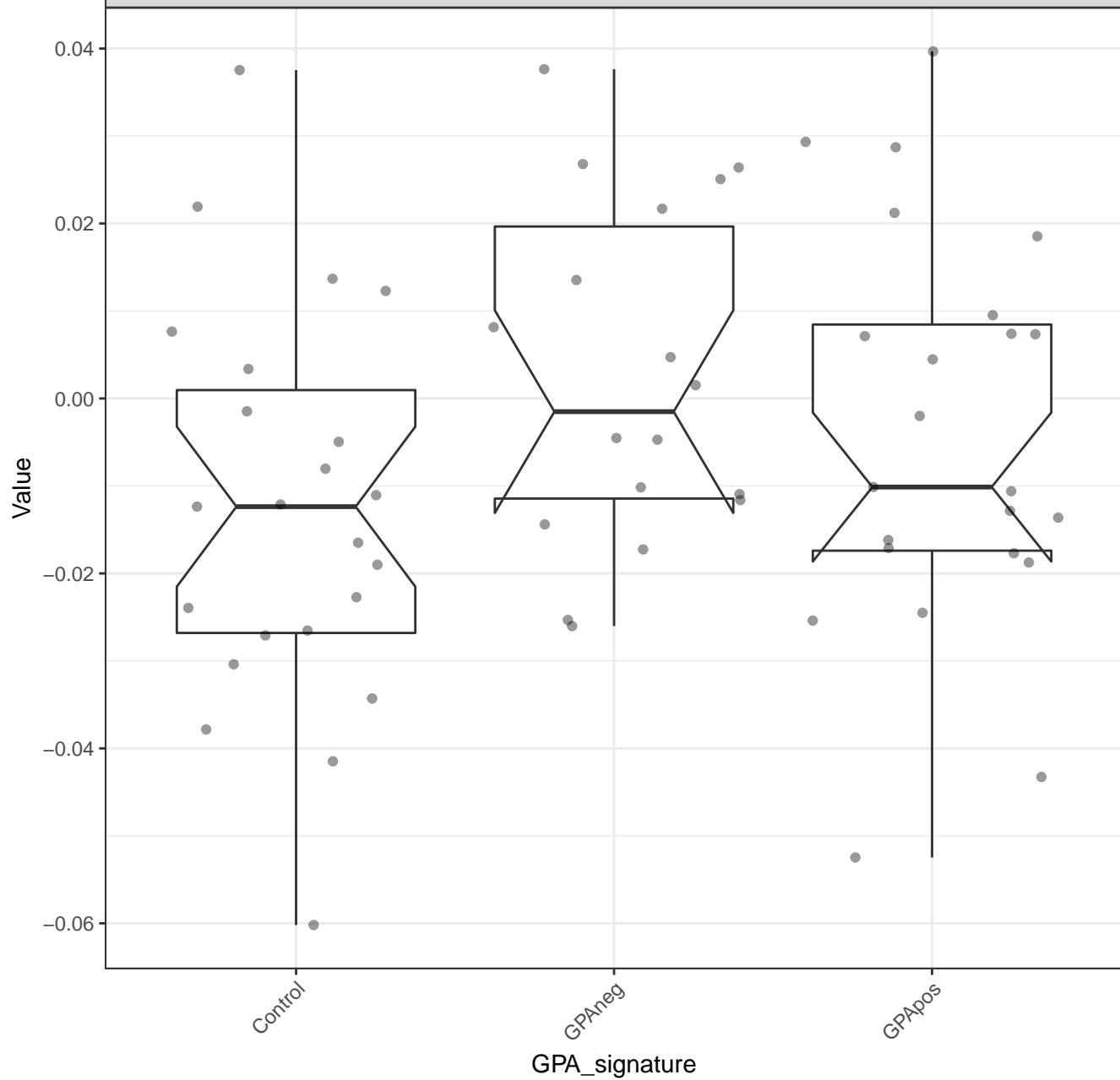
GPAneg

GPApos

GPA_signature



LV 362



LV 363

Value

0.04

0.02

0.00

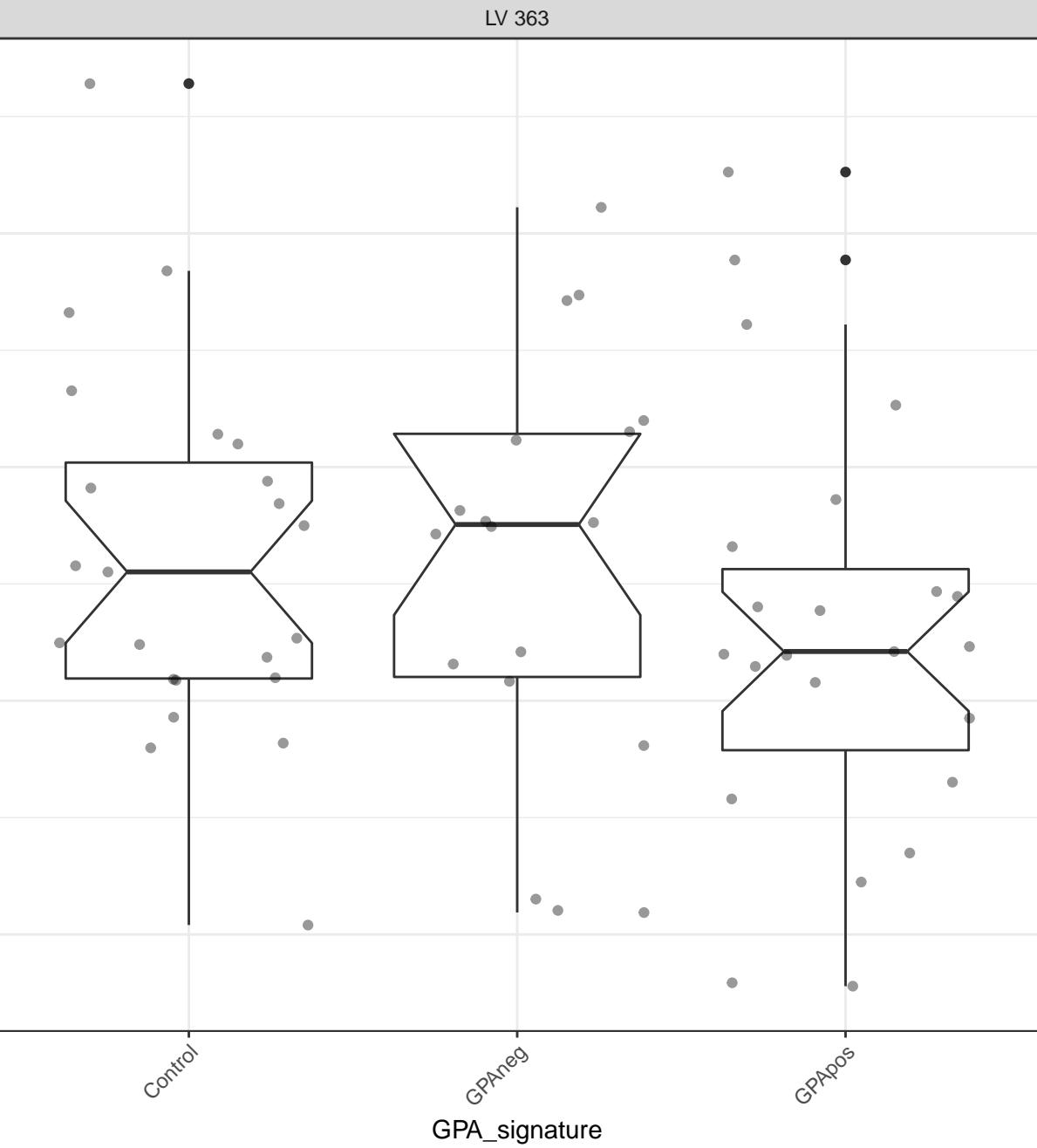
-0.02

Control

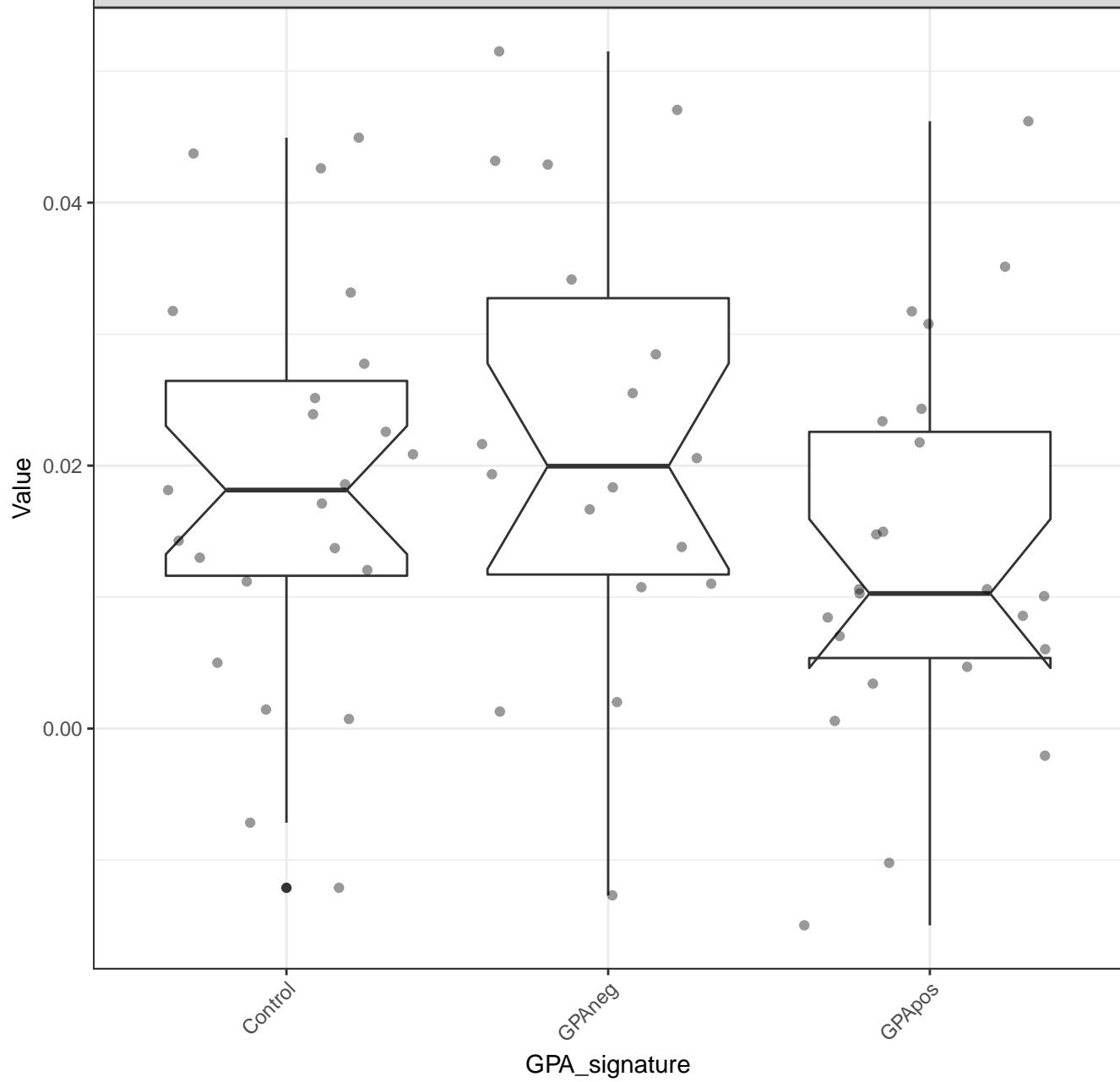
GPA_signature

GPAneg

GPAPos



LV 364



LV 365

Value

0.03

0.02

0.01

0.00

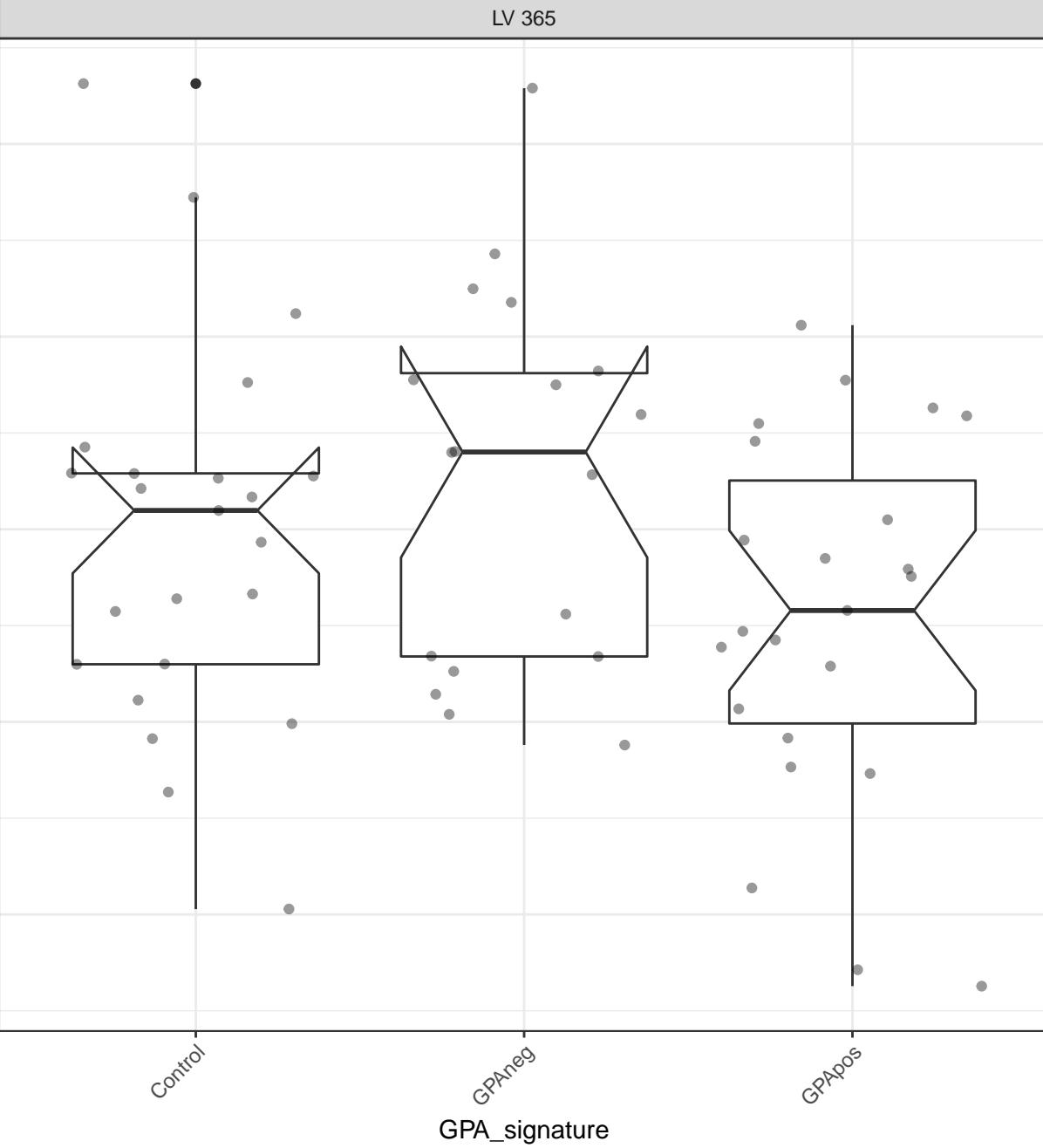
-0.01

Control

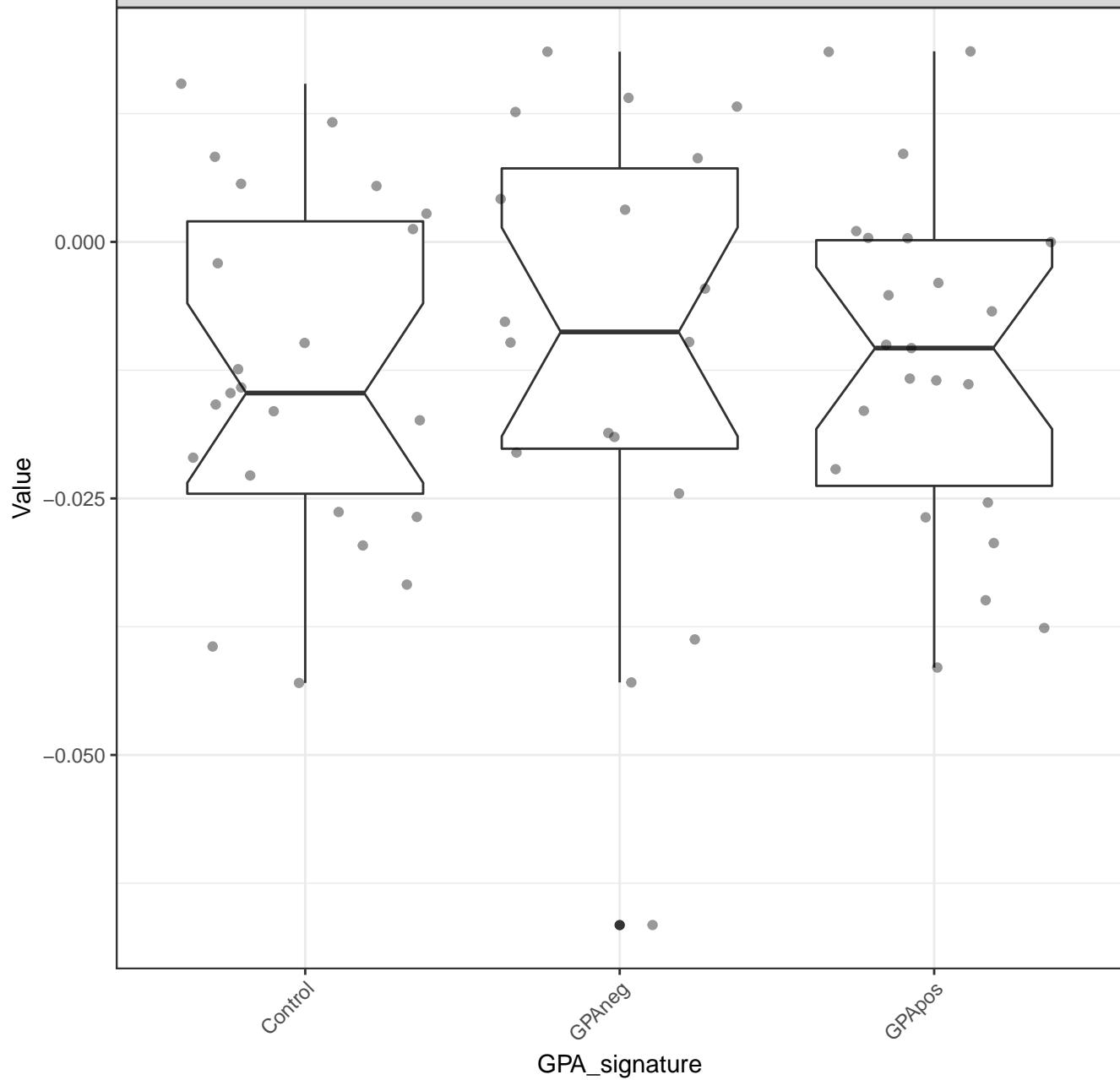
GPA_signature

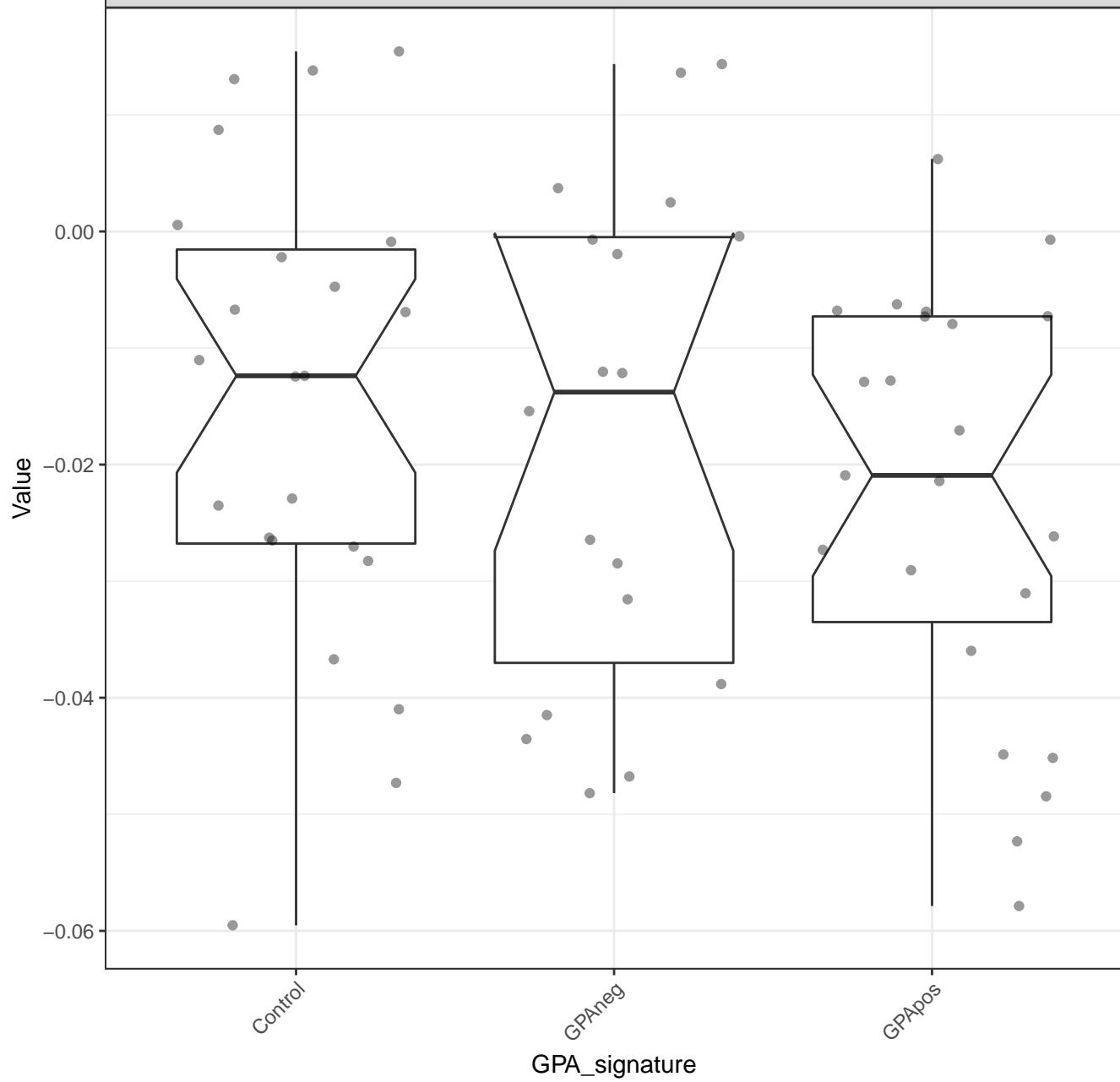
GPAneg

GPApos



LV 366





LV 368

Value

0.025

0.000

-0.025

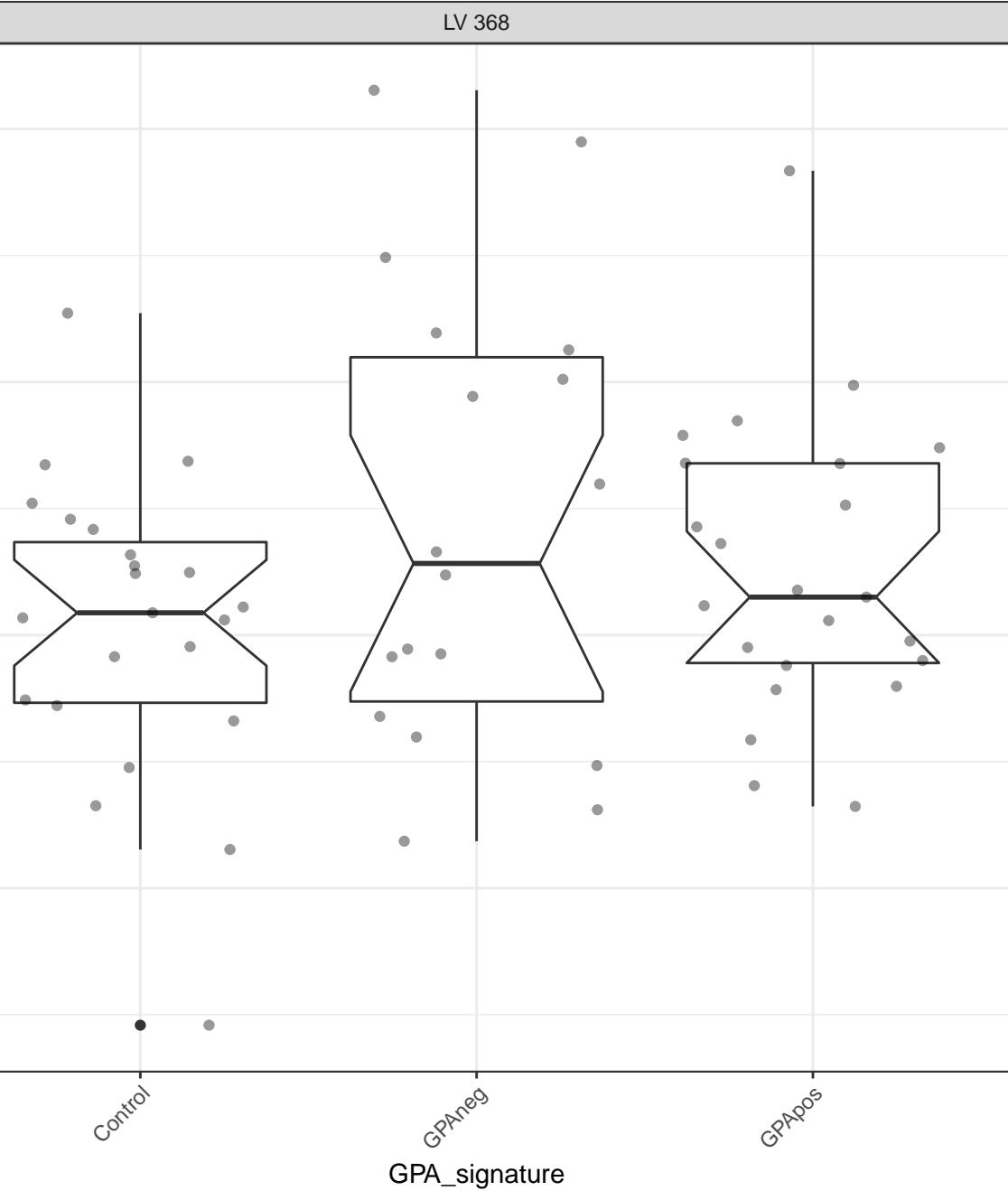
-0.050

Control

GPA_signature

GPAneg

GPAPos



LV 369

Value

0.050

0.025

0.000

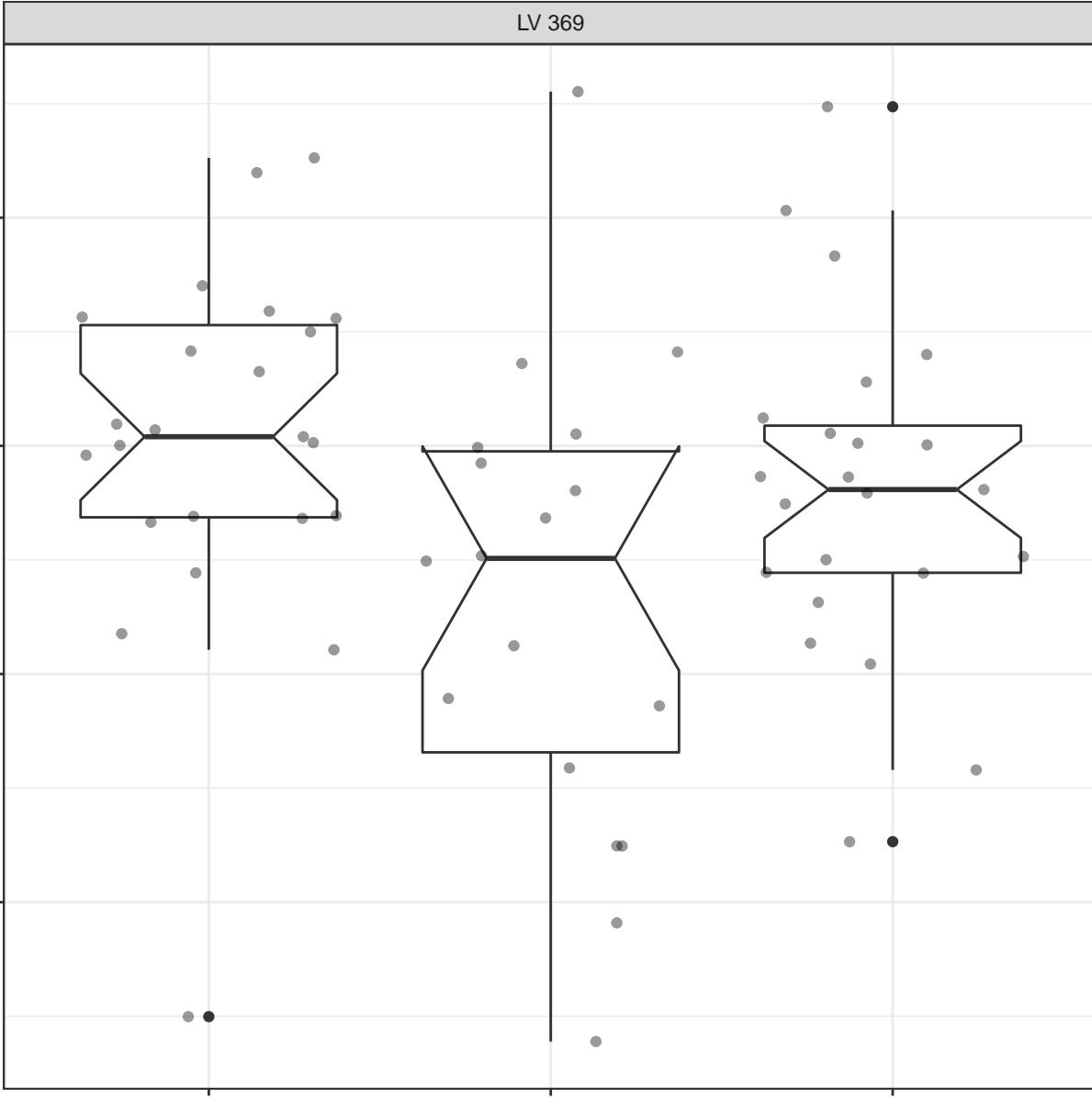
-0.025

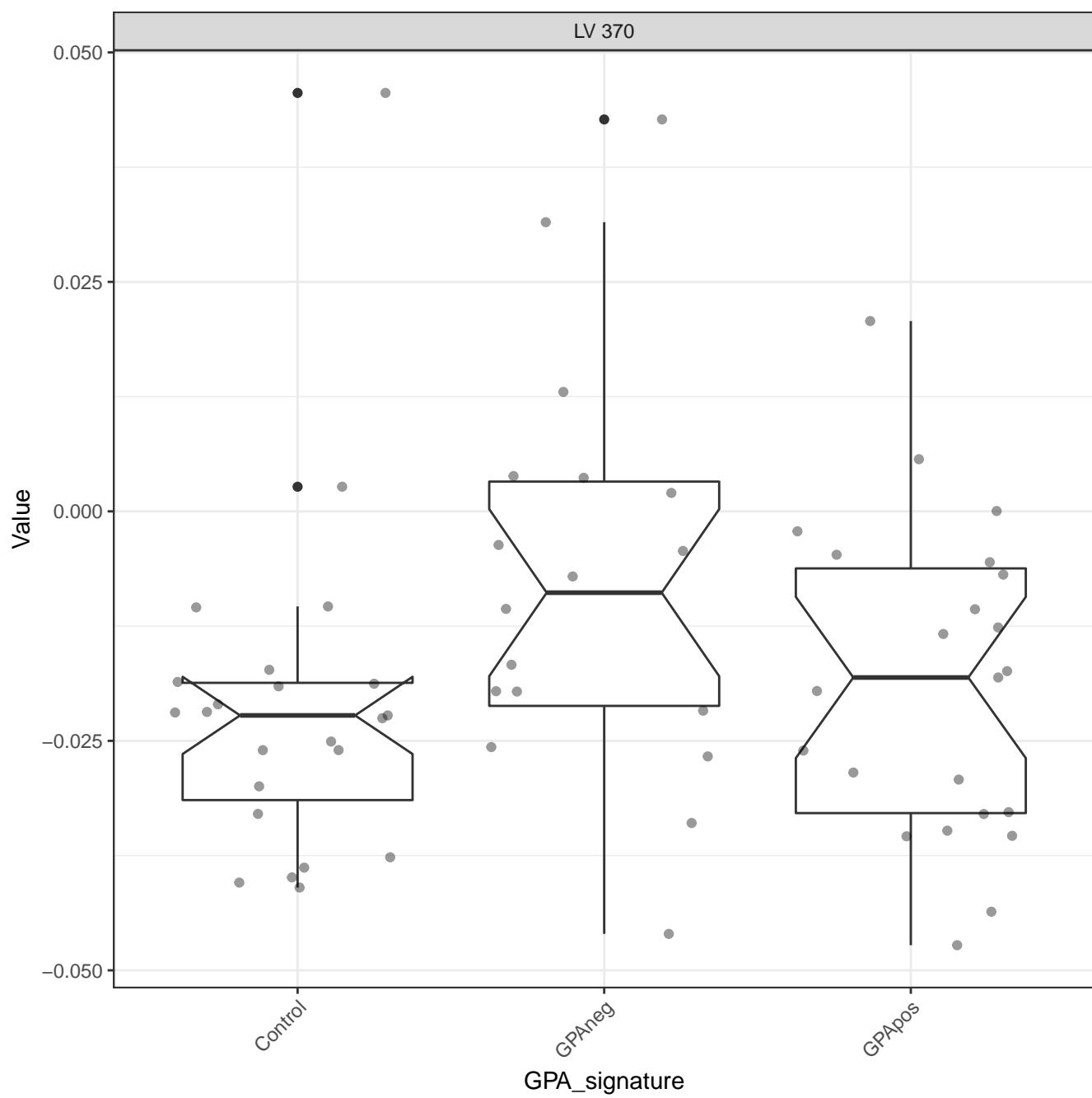
Control

GPA_signature

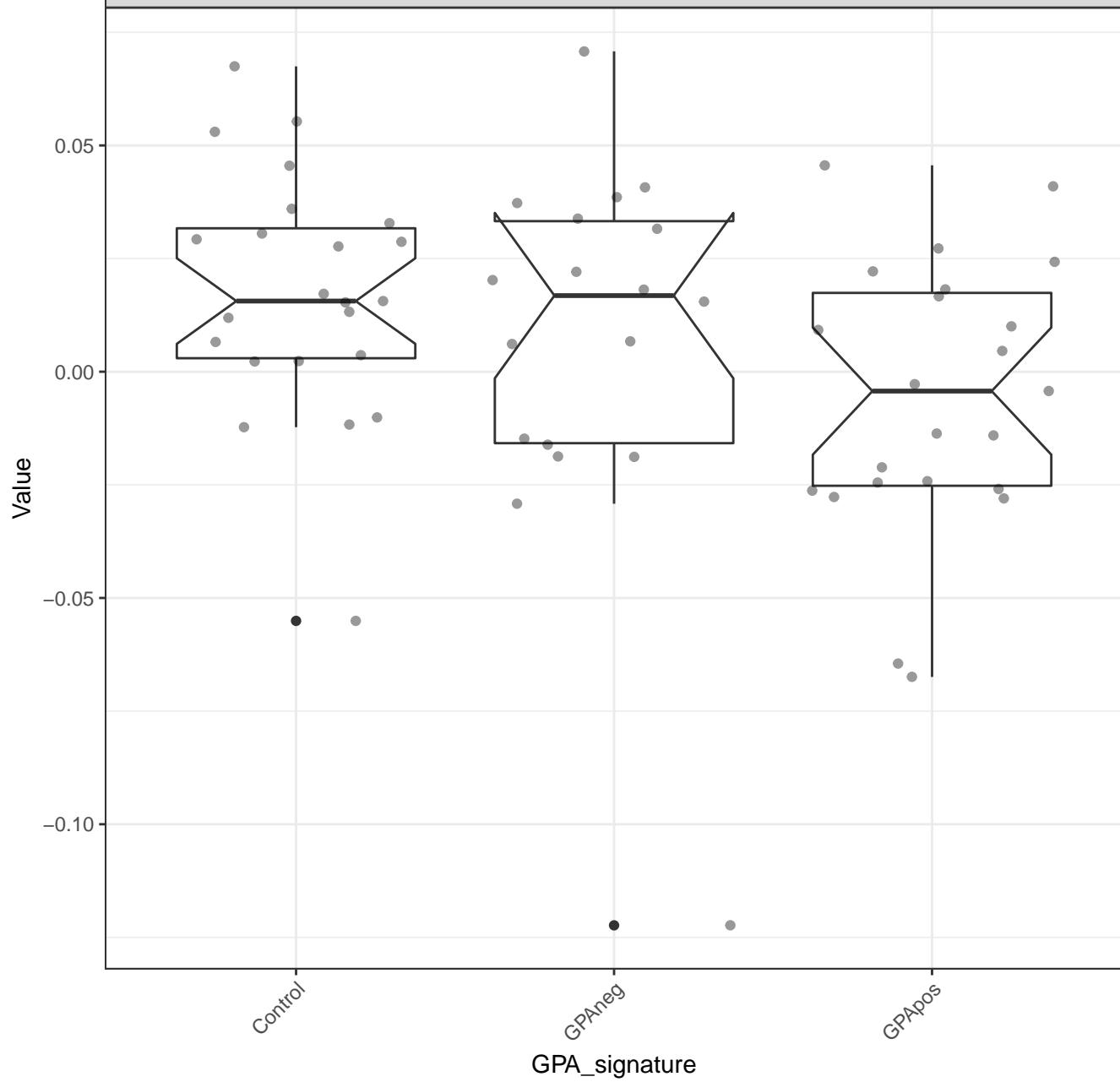
GPAneg

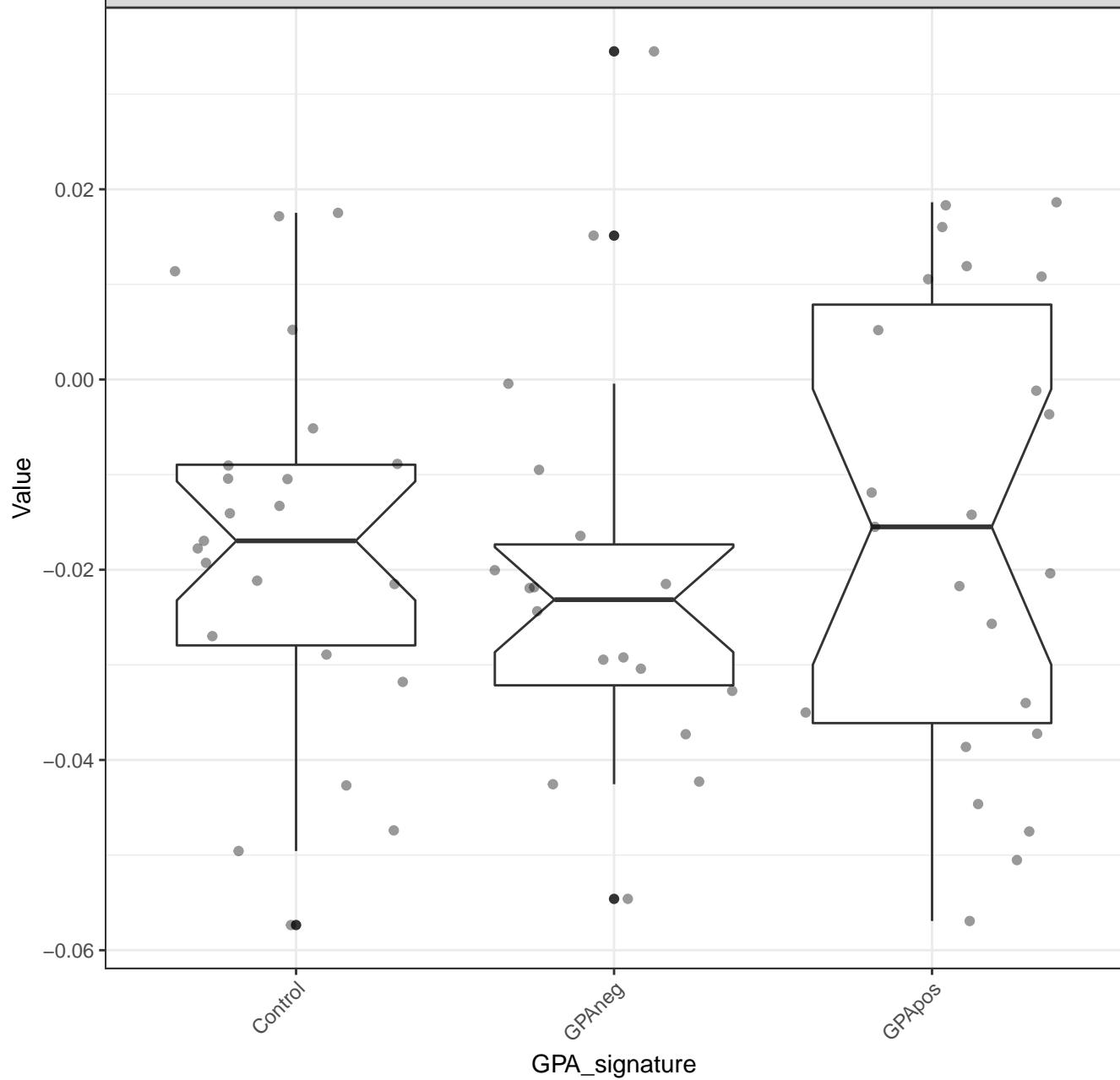
GPAPos

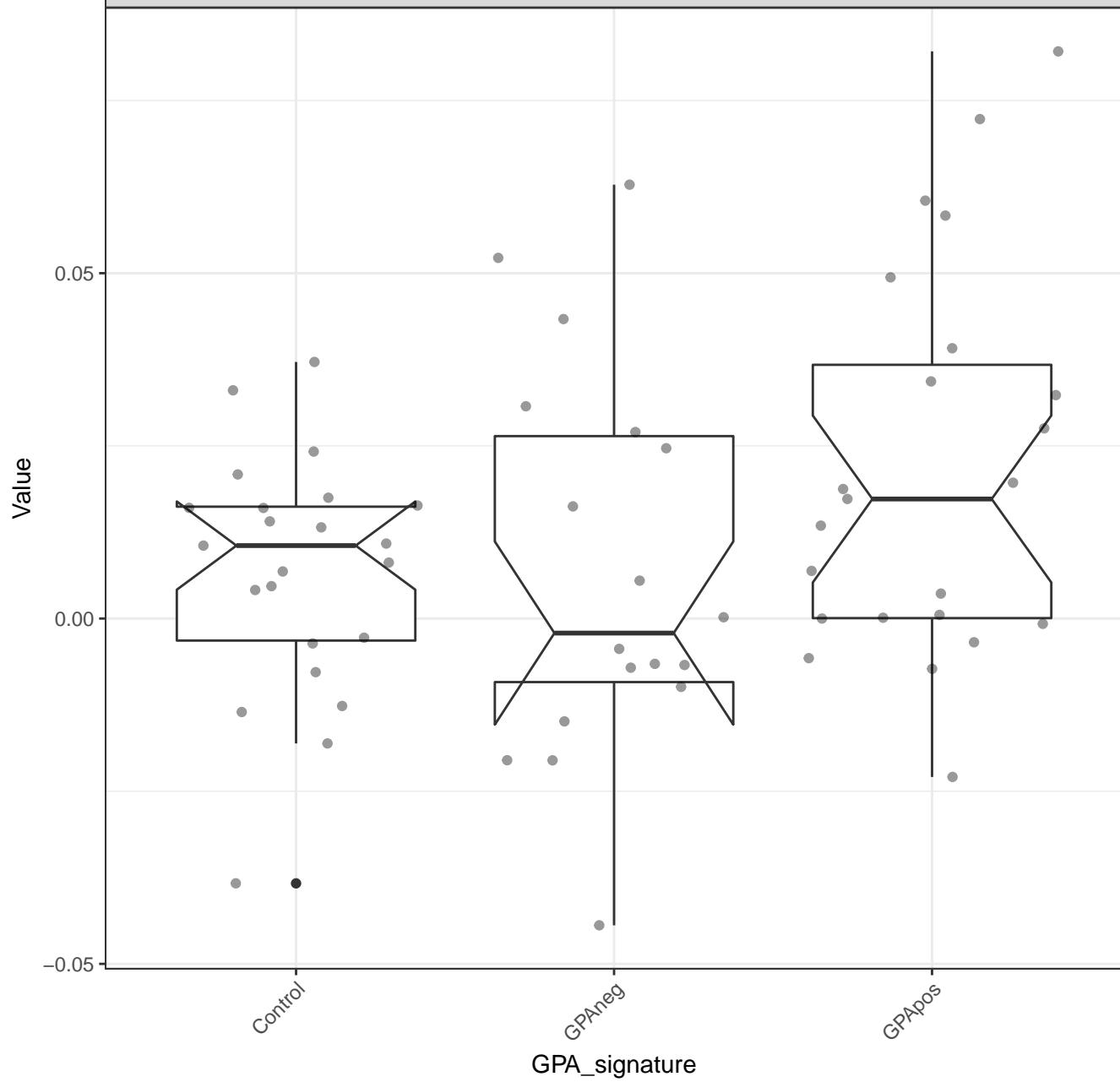




LV 371







LV 374

Value

0.025

0.000

-0.025

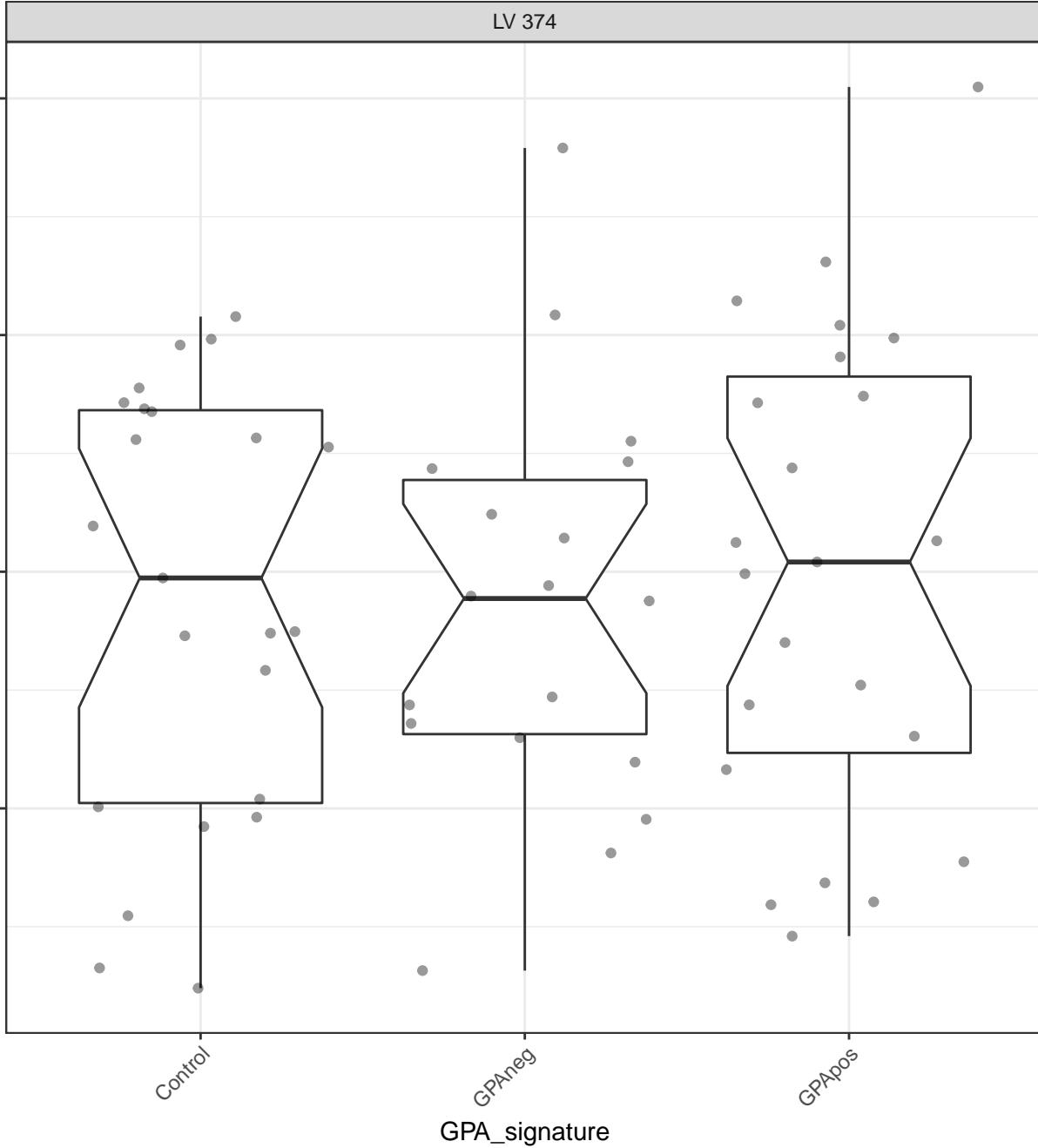
-0.050

Control

GPAneg

GPAPos

GPA_signature



LV 375

Value

0.03

0.02

0.01

0.00

-0.01

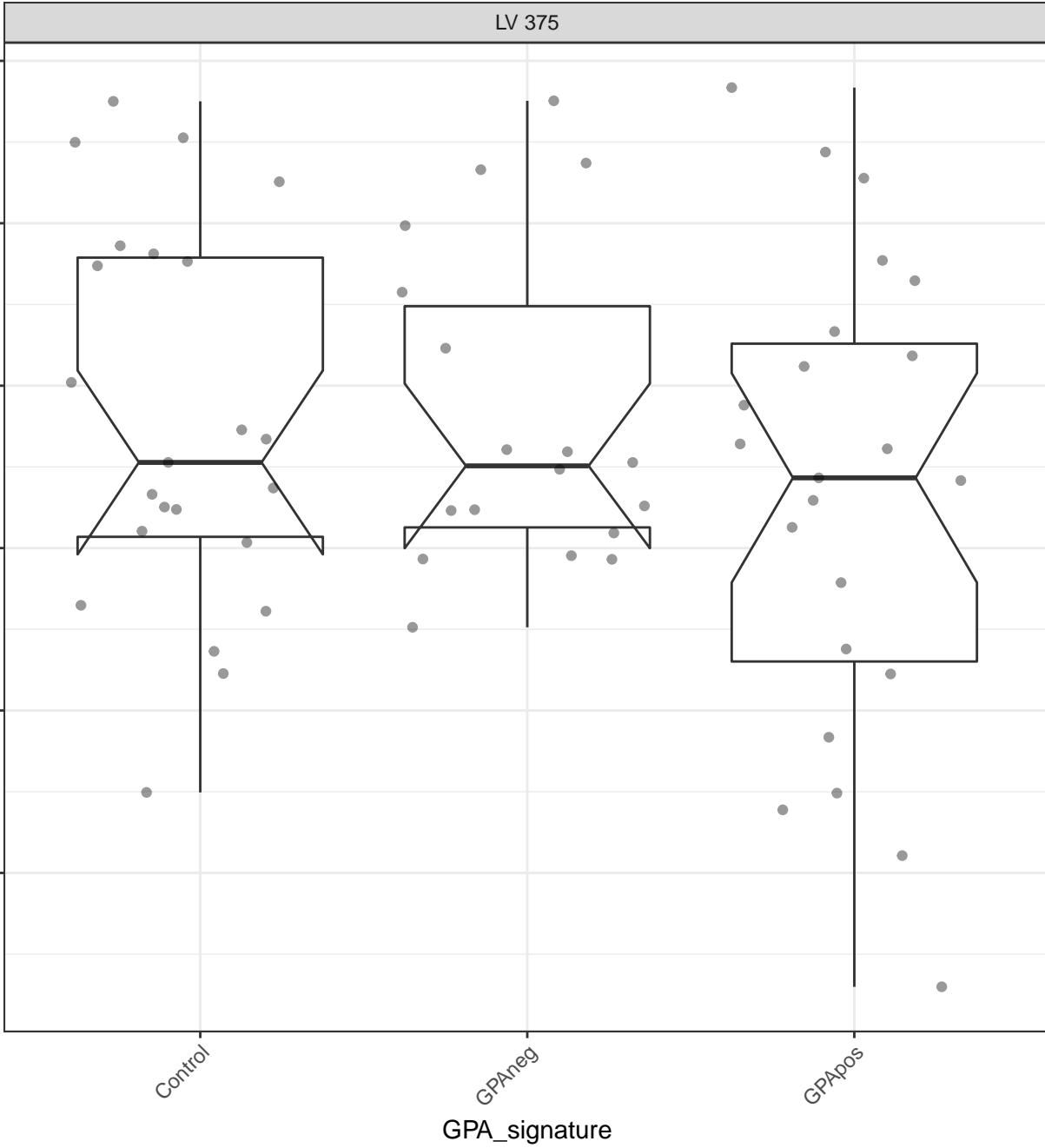
-0.02

Control

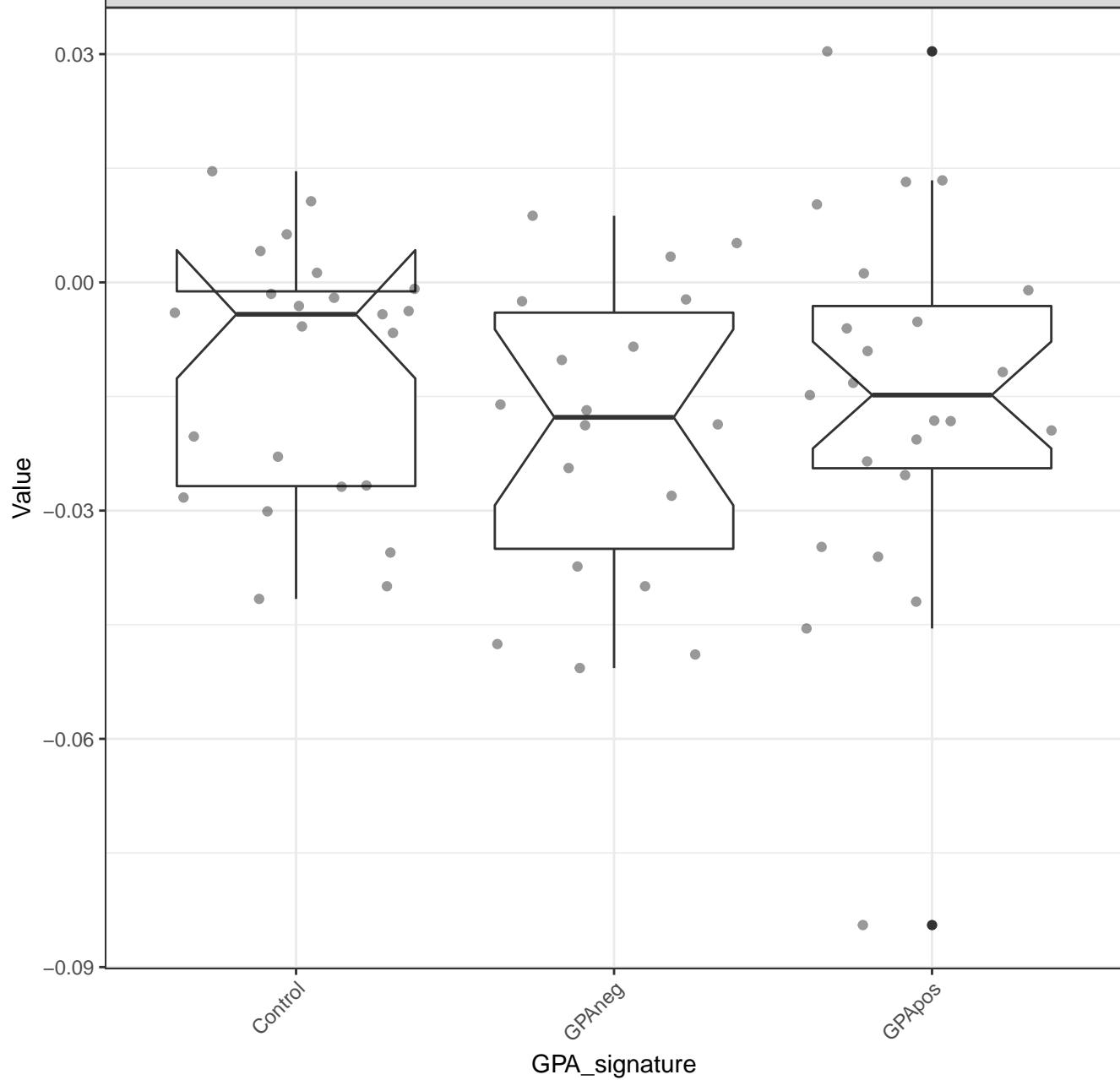
GPAneg

GPApos

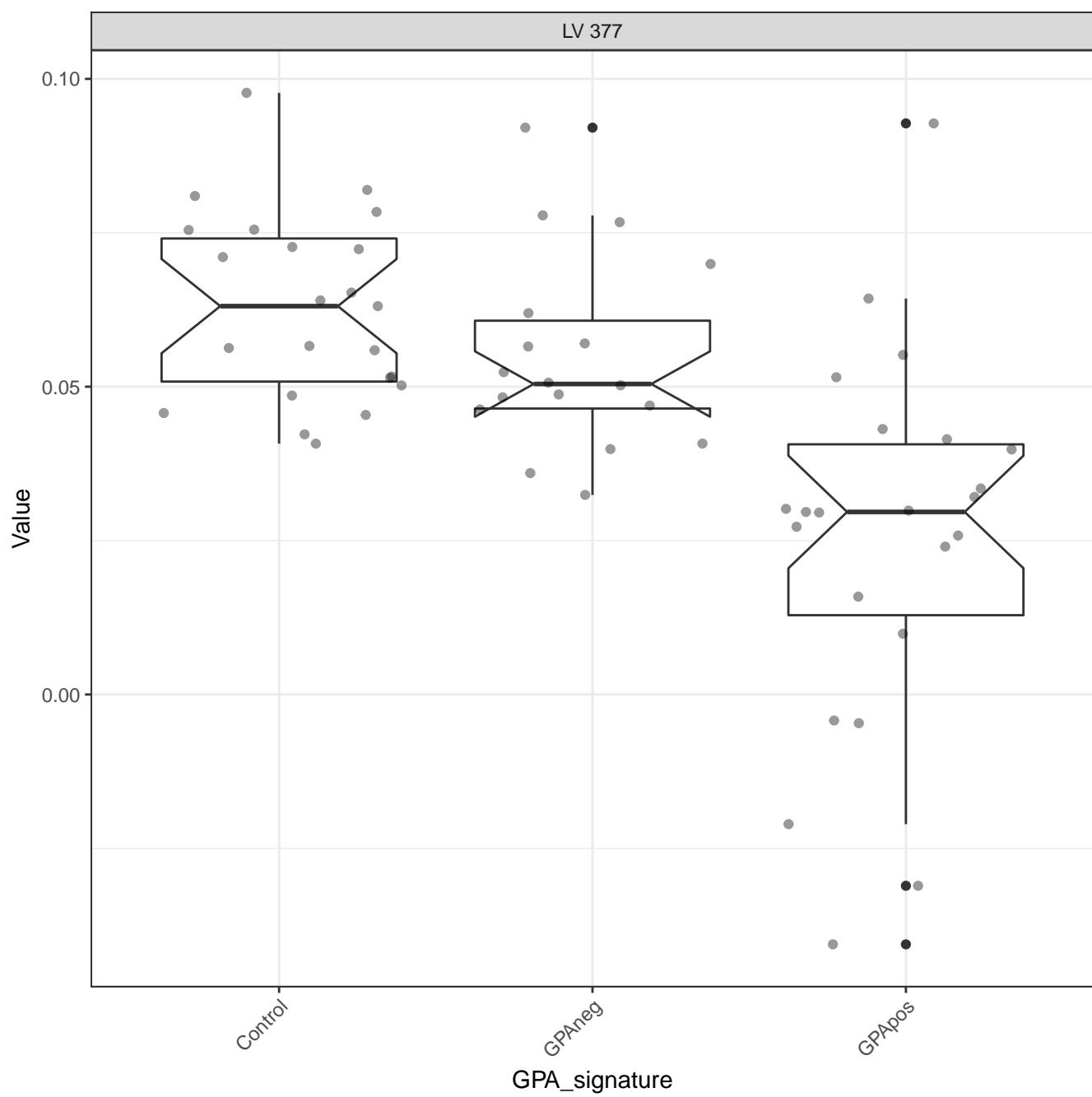
GPA_signature



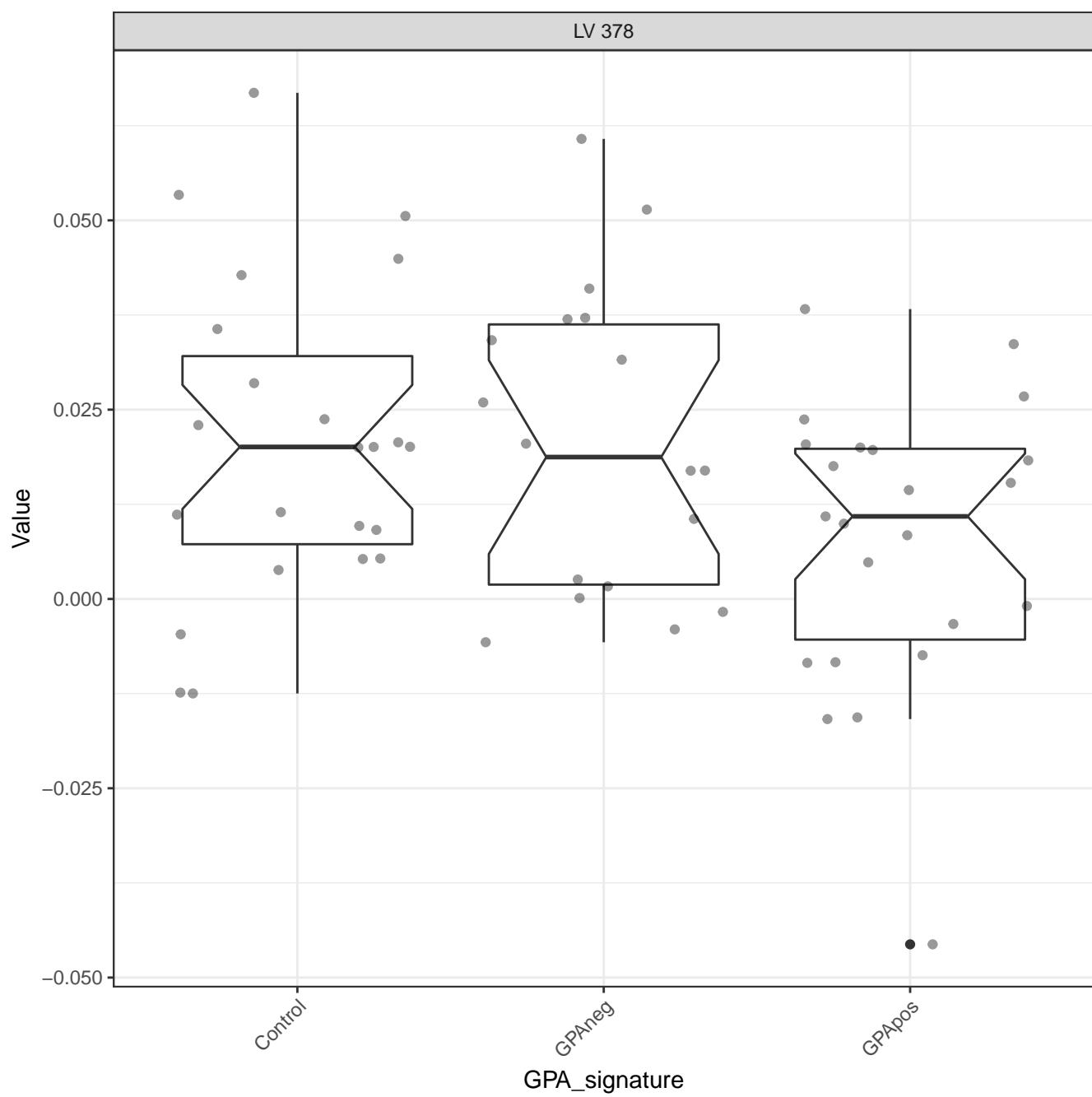
LV 376

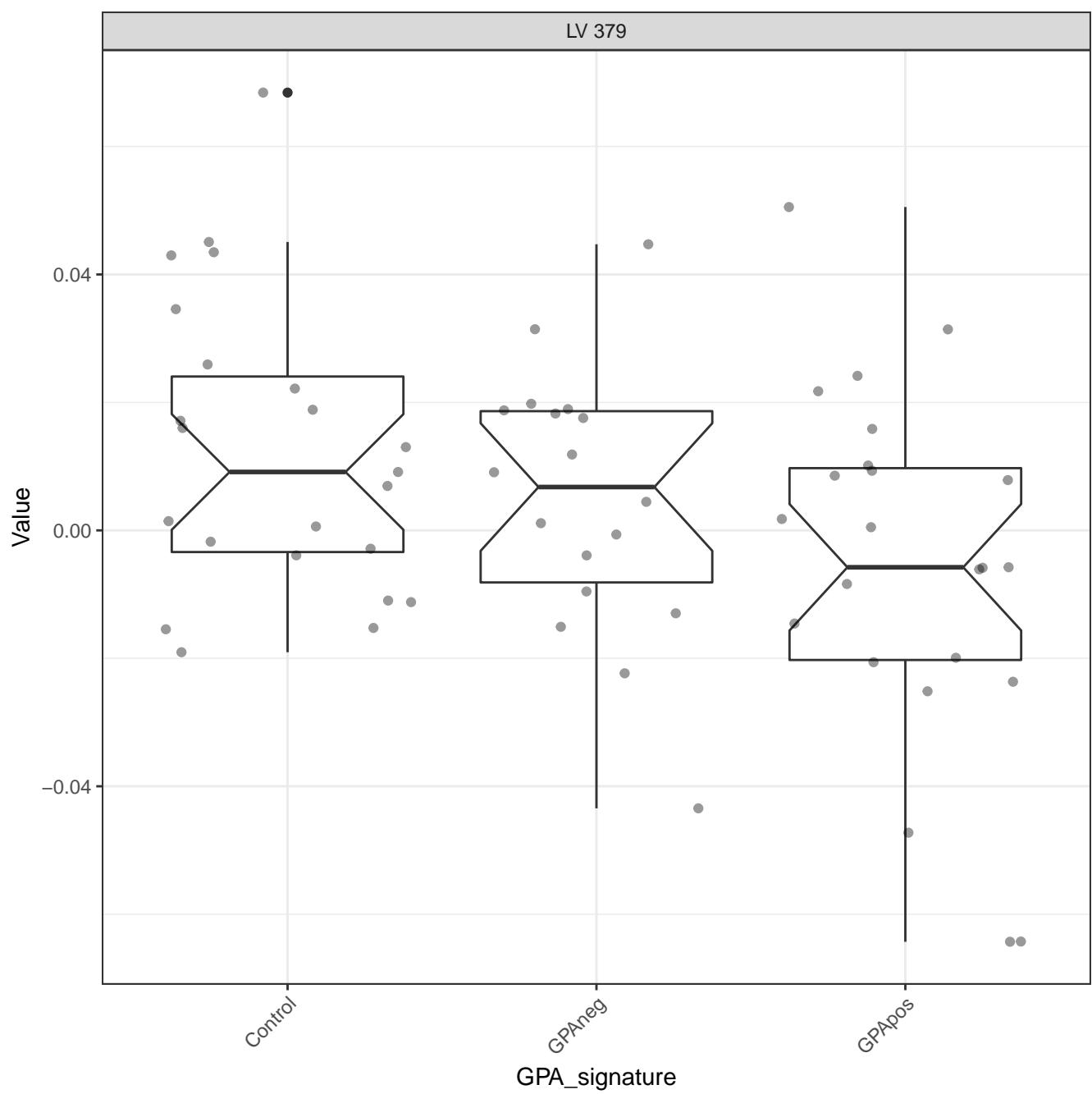


LV 377

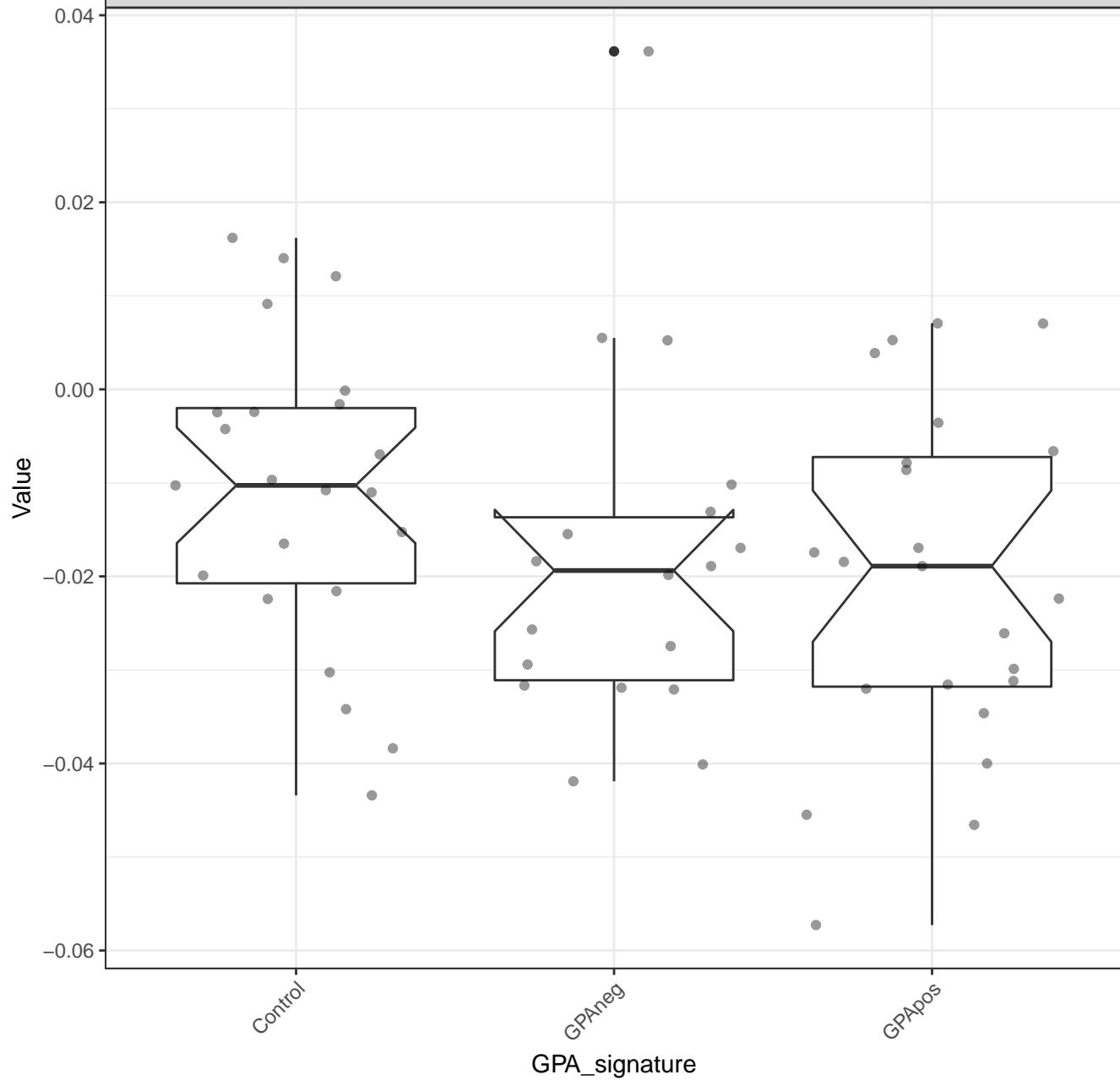


LV 378

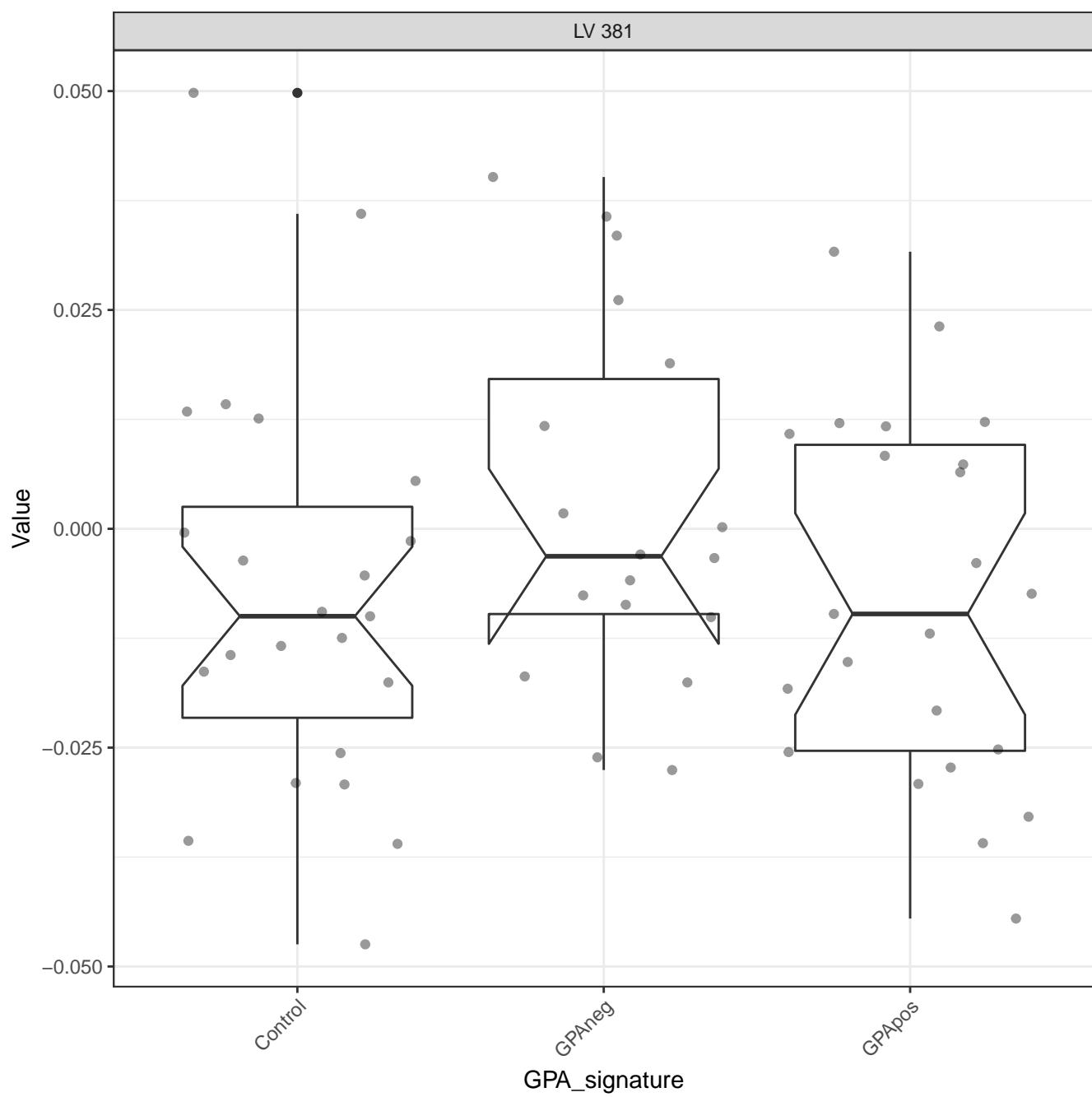




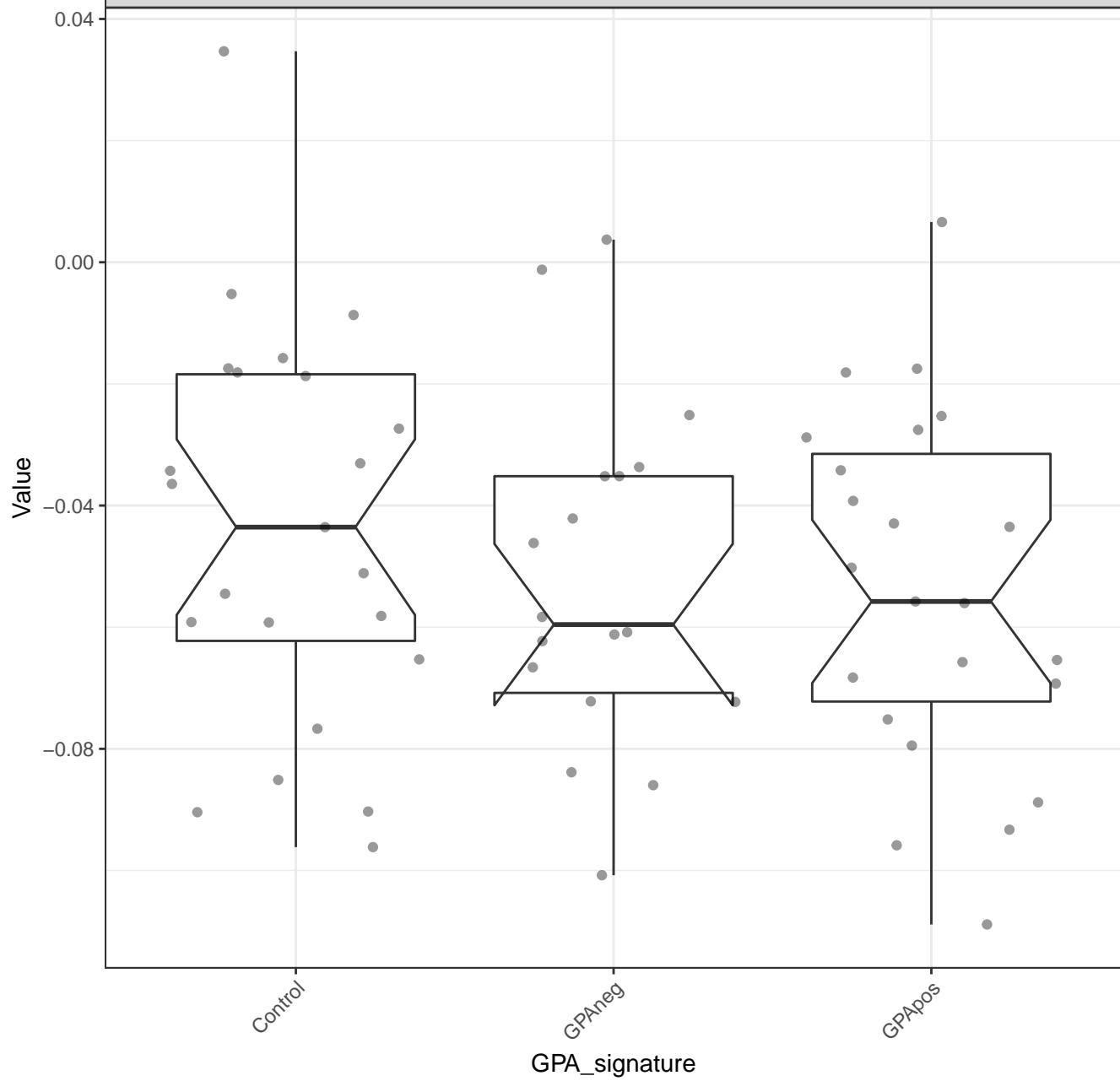
LV 380



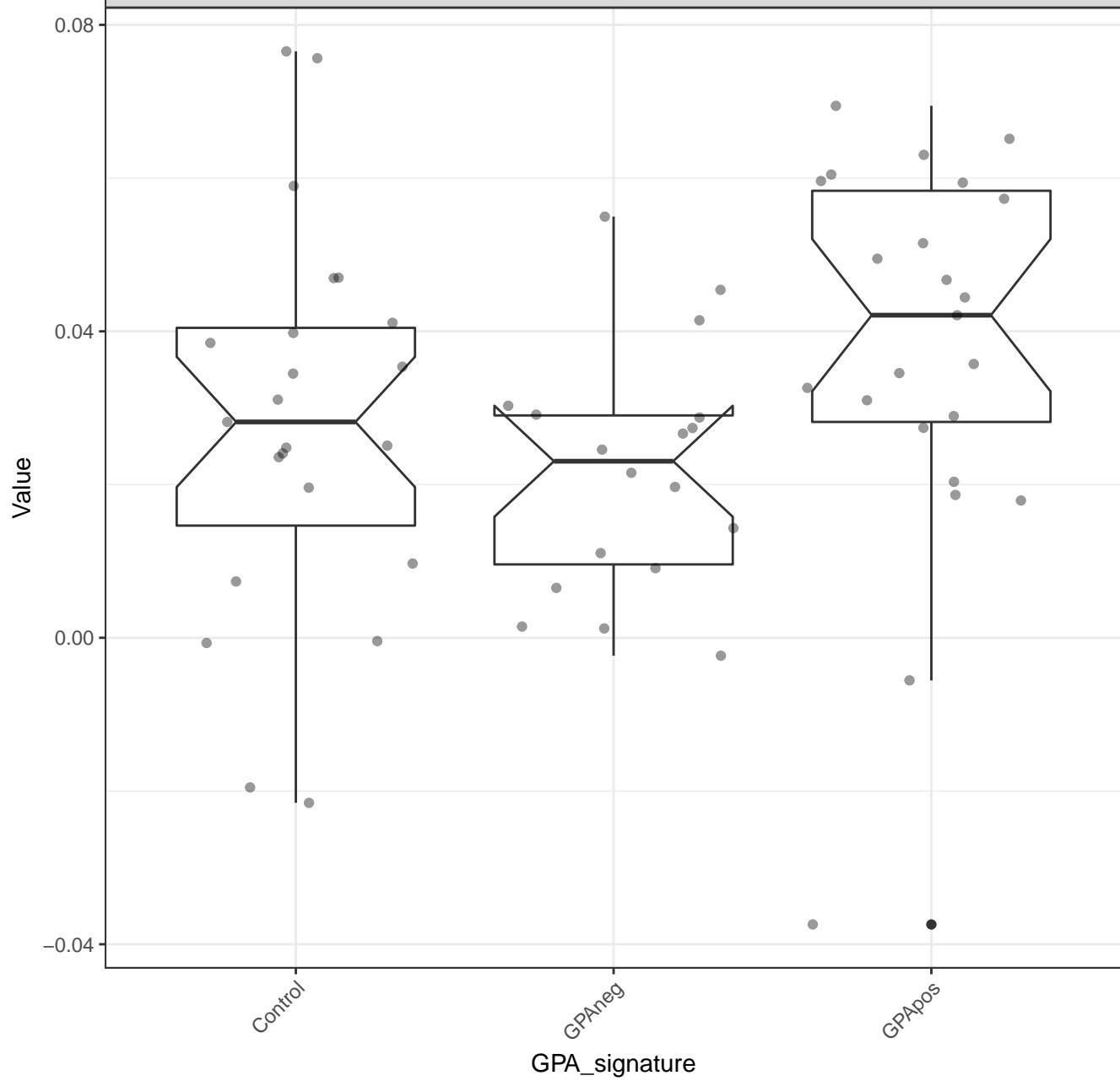
LV 381



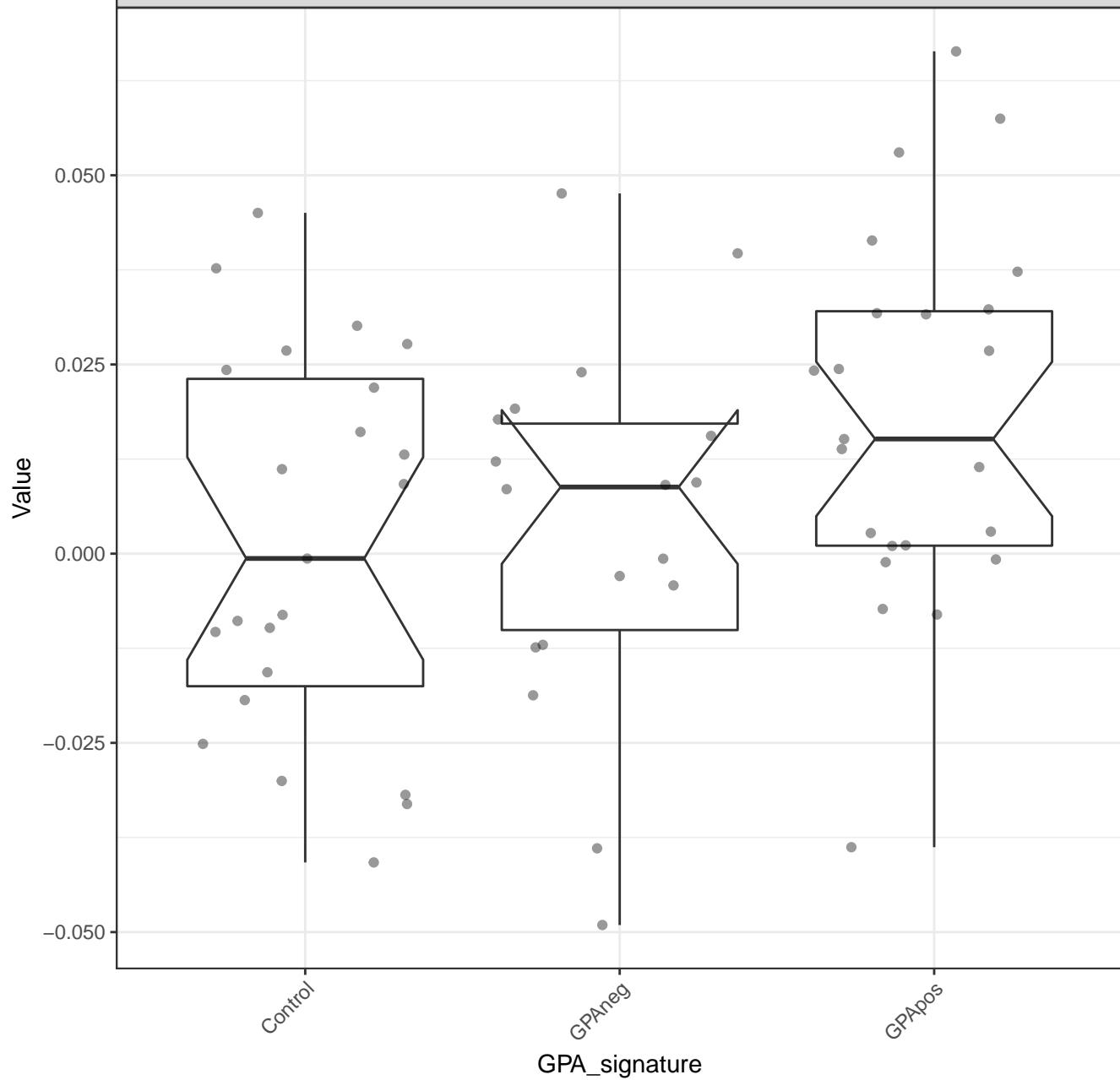
LV 382



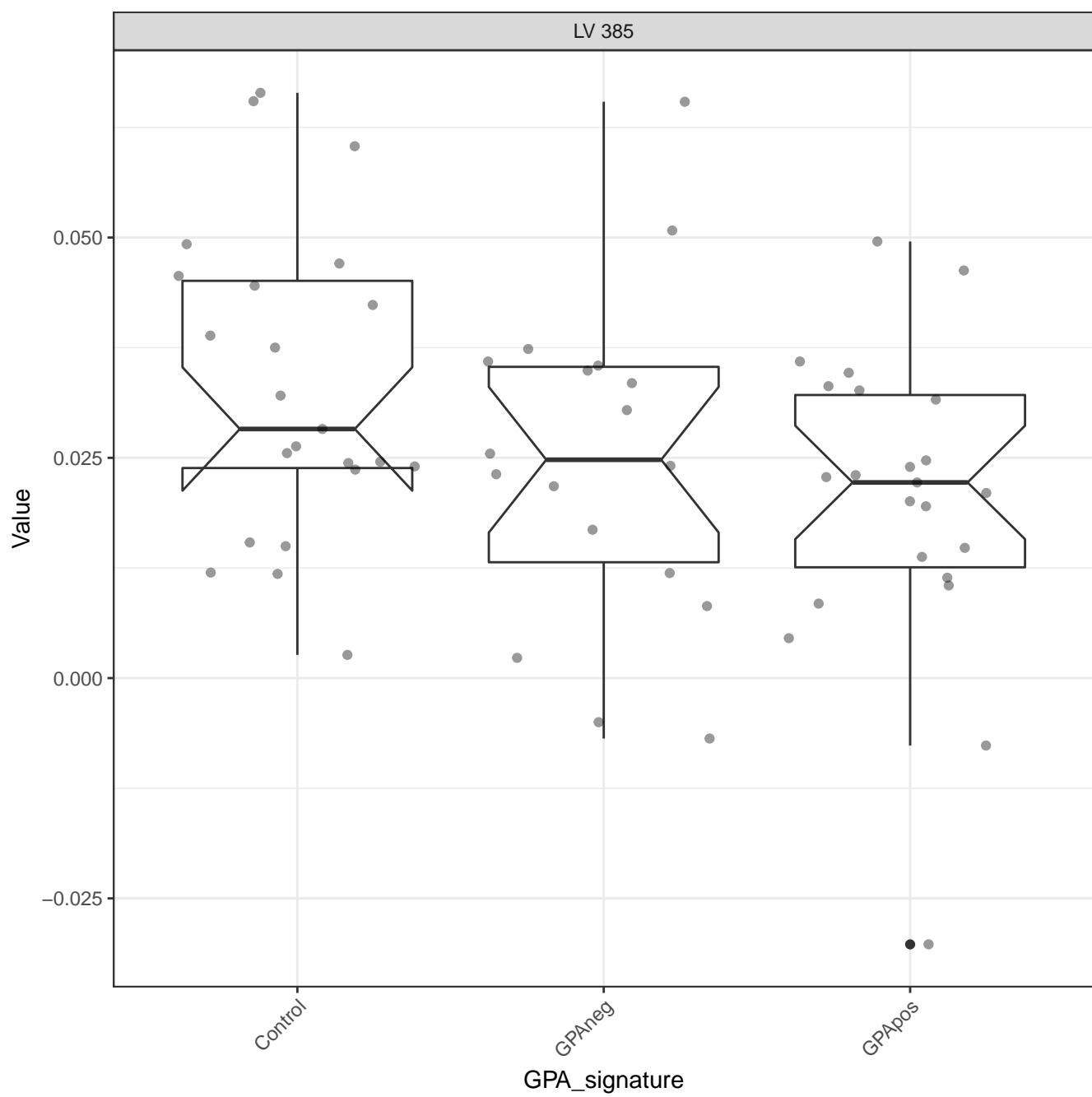
LV 383



LV 384



LV 385



LV 386

Value

0.050

0.025

0.000

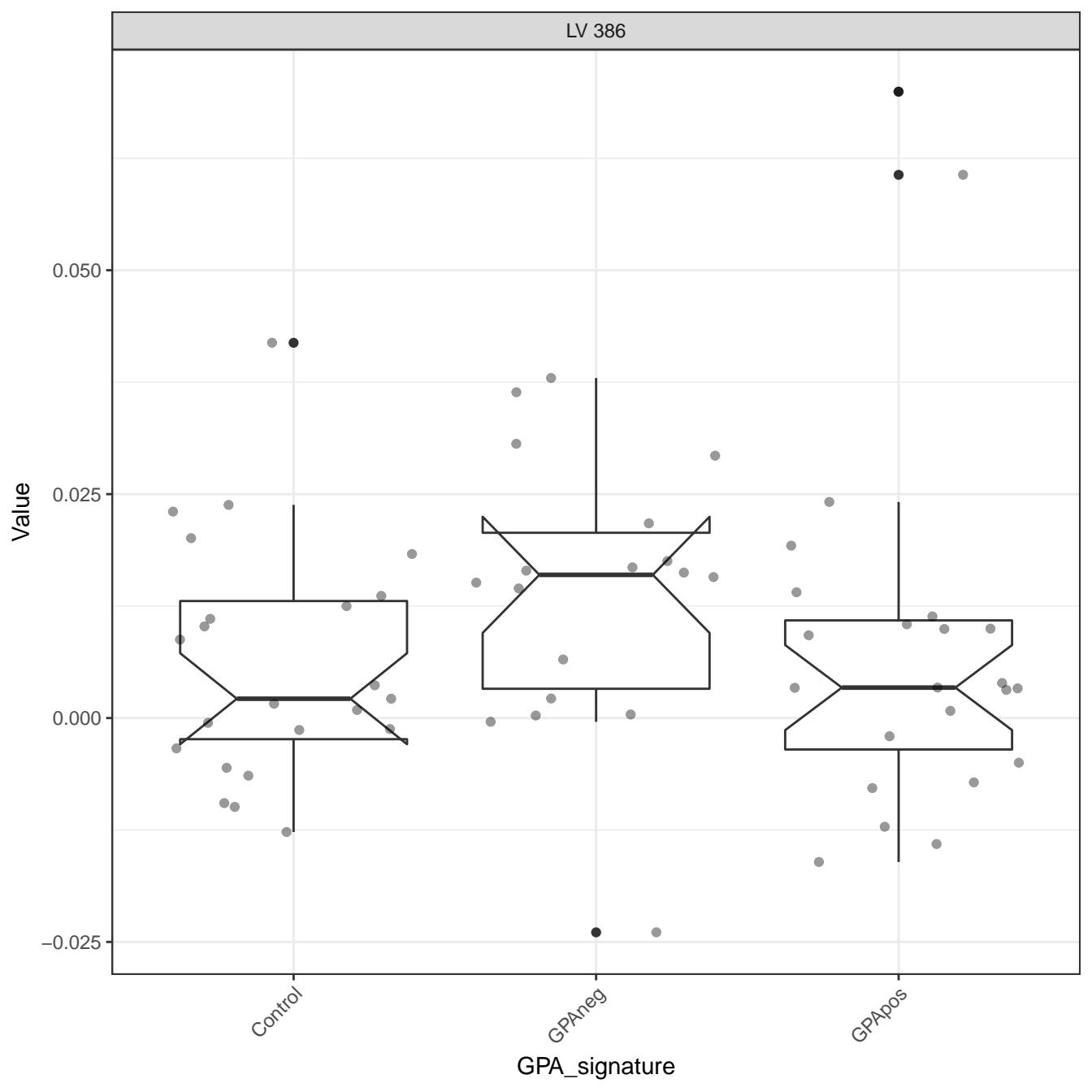
-0.025

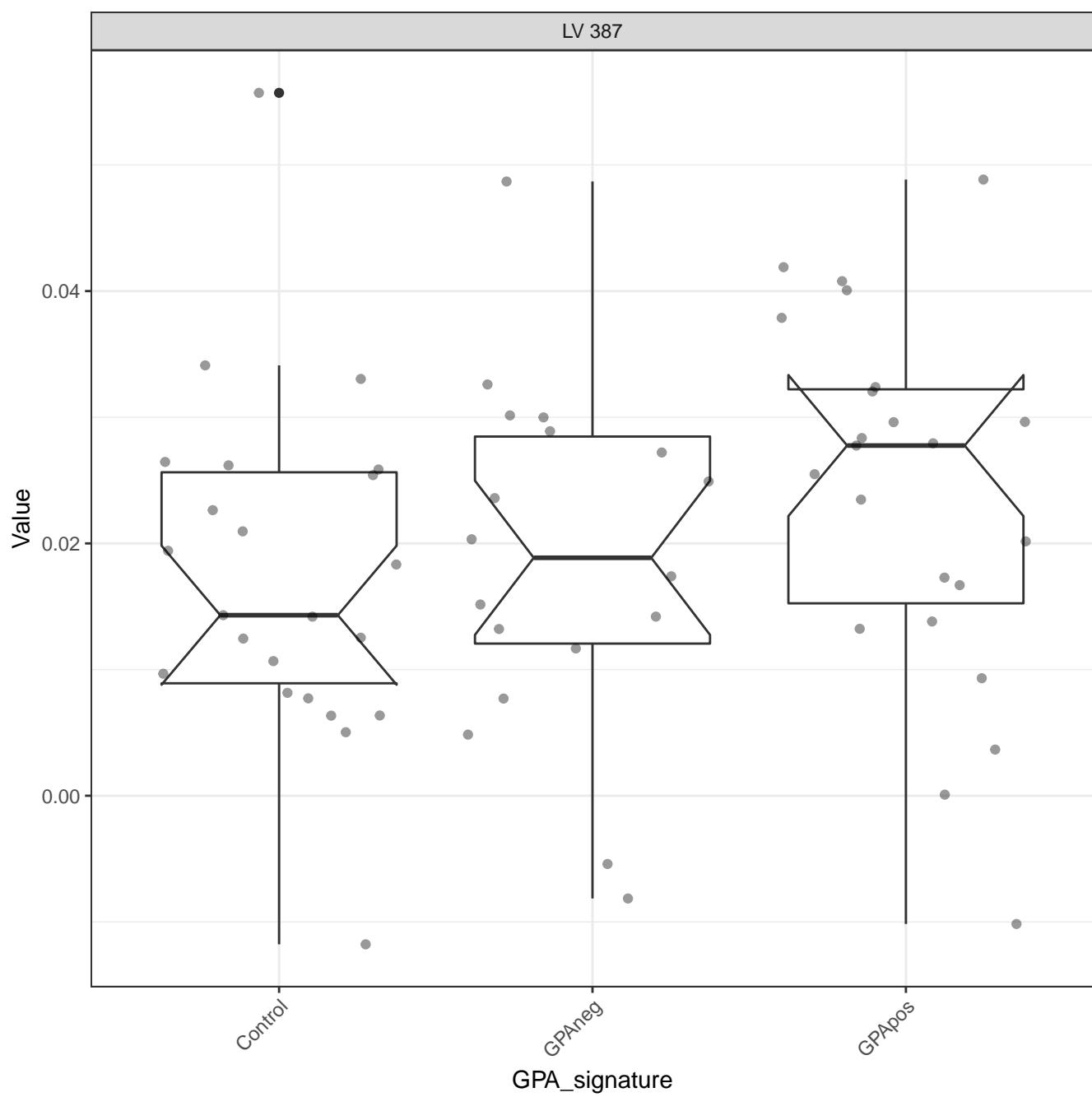
Control

GPA_signature

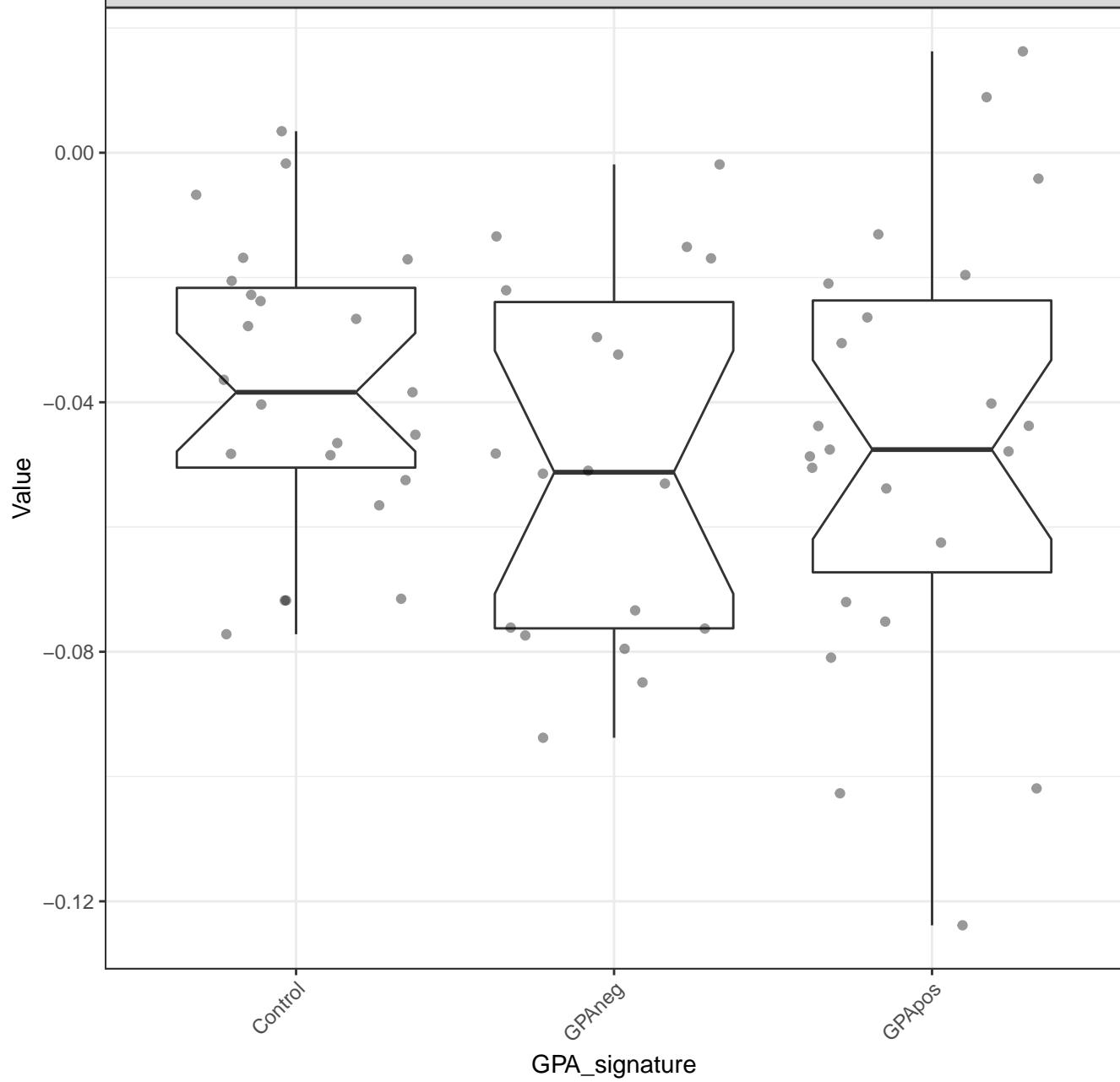
GPAneg

GPAPos





LV 388



LV 389

Value

0.02

0.00

-0.02

-0.04

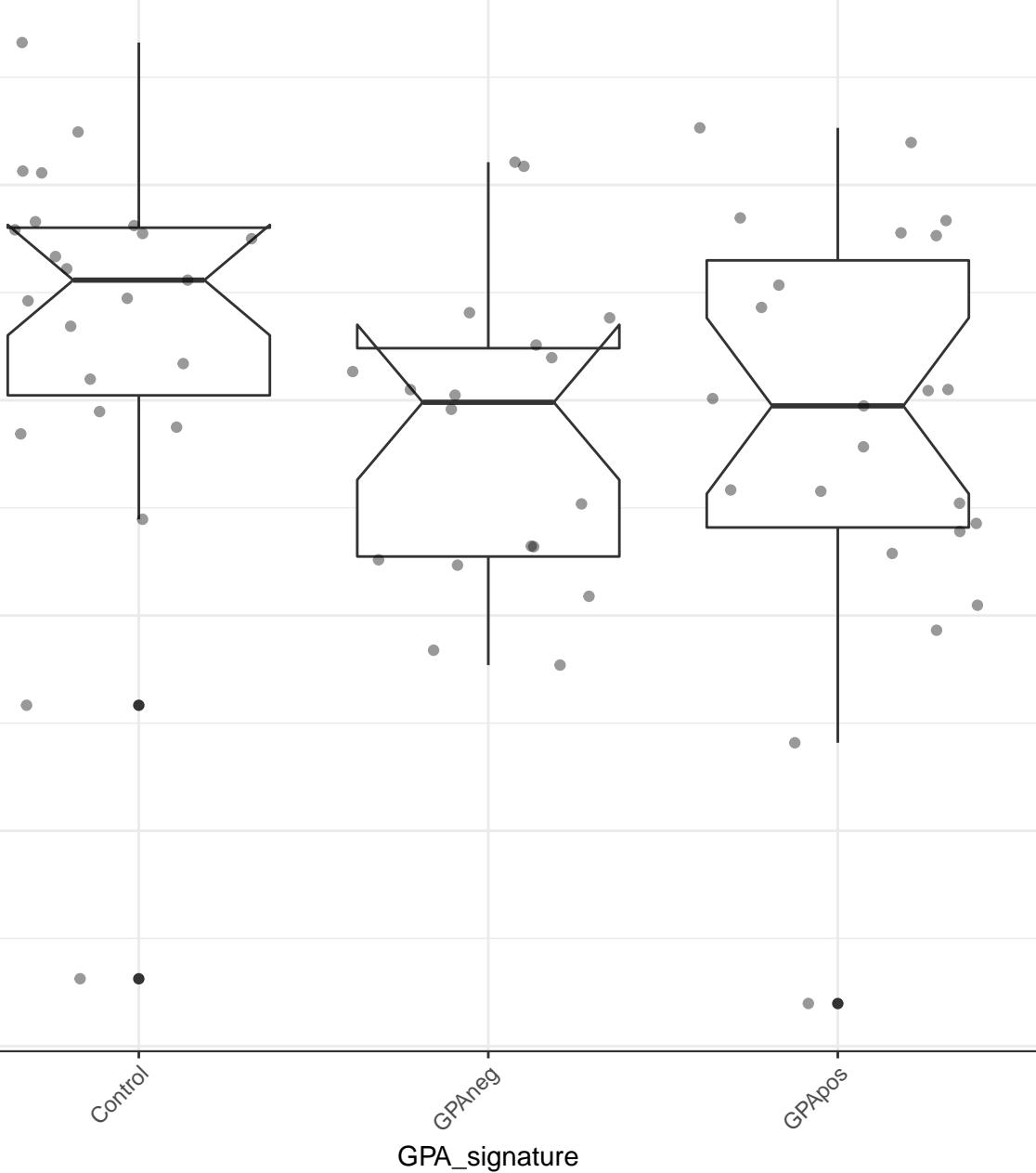
-0.06

Control

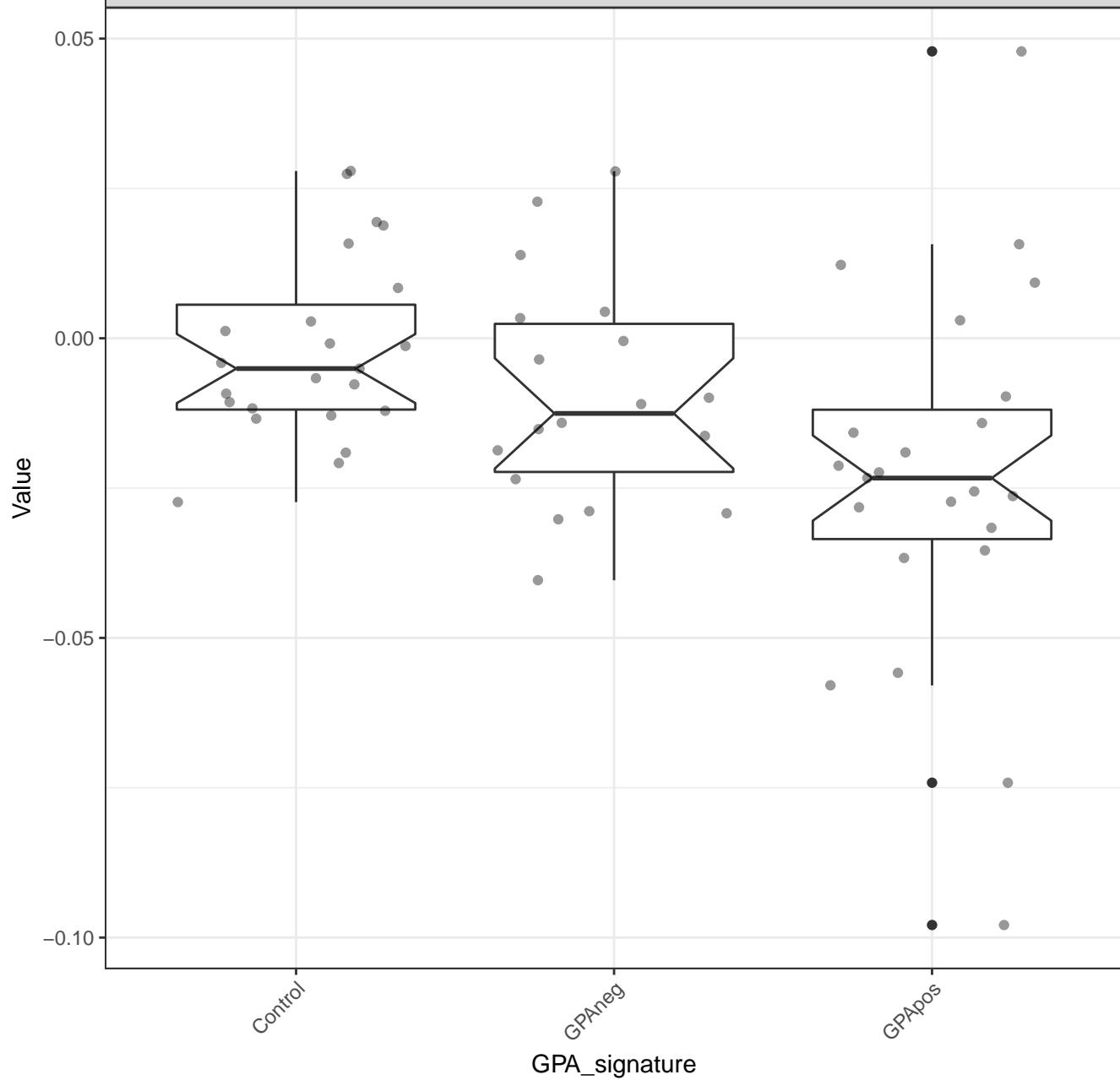
GPA_signature

GPAneg

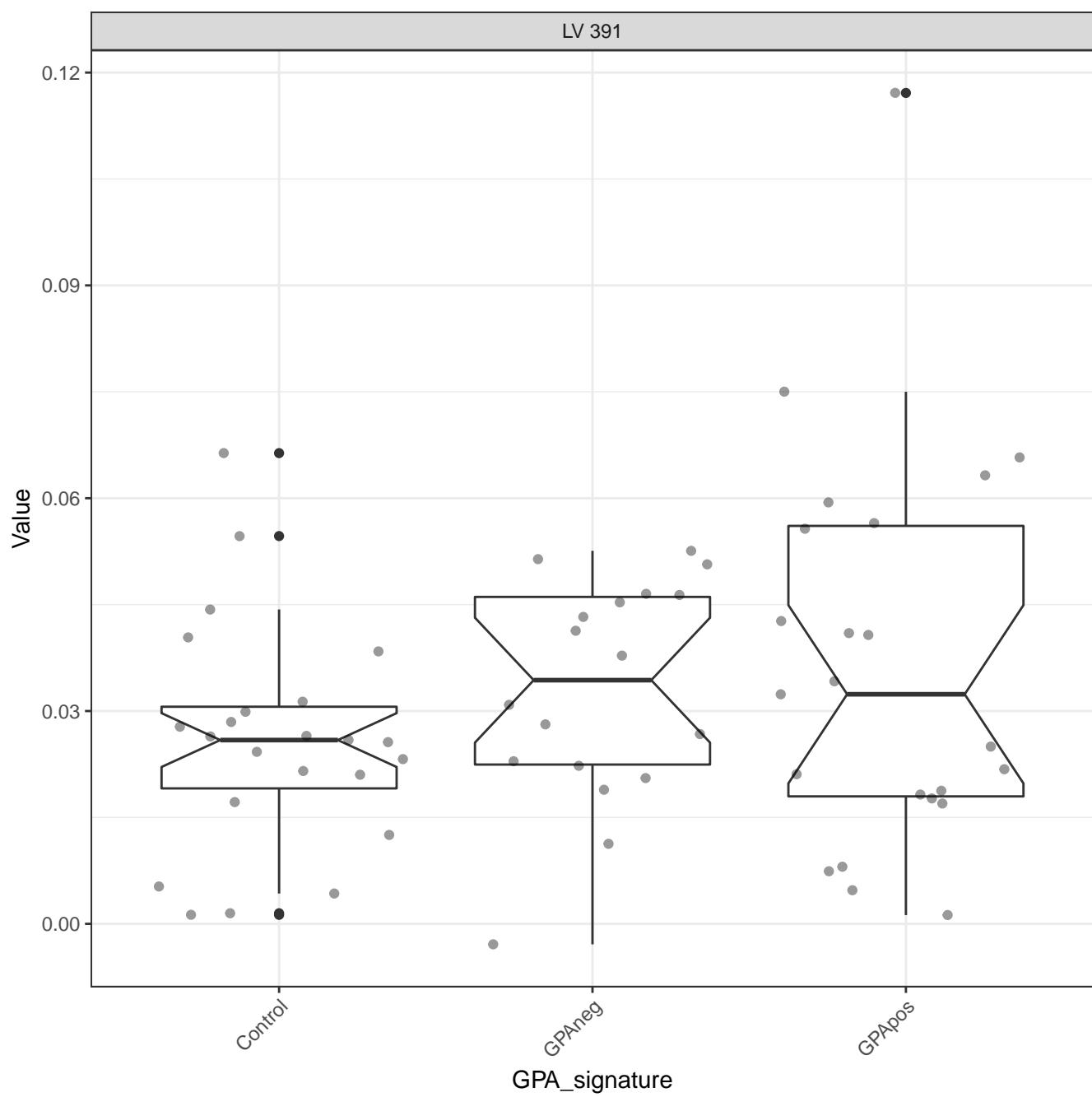
GPApos



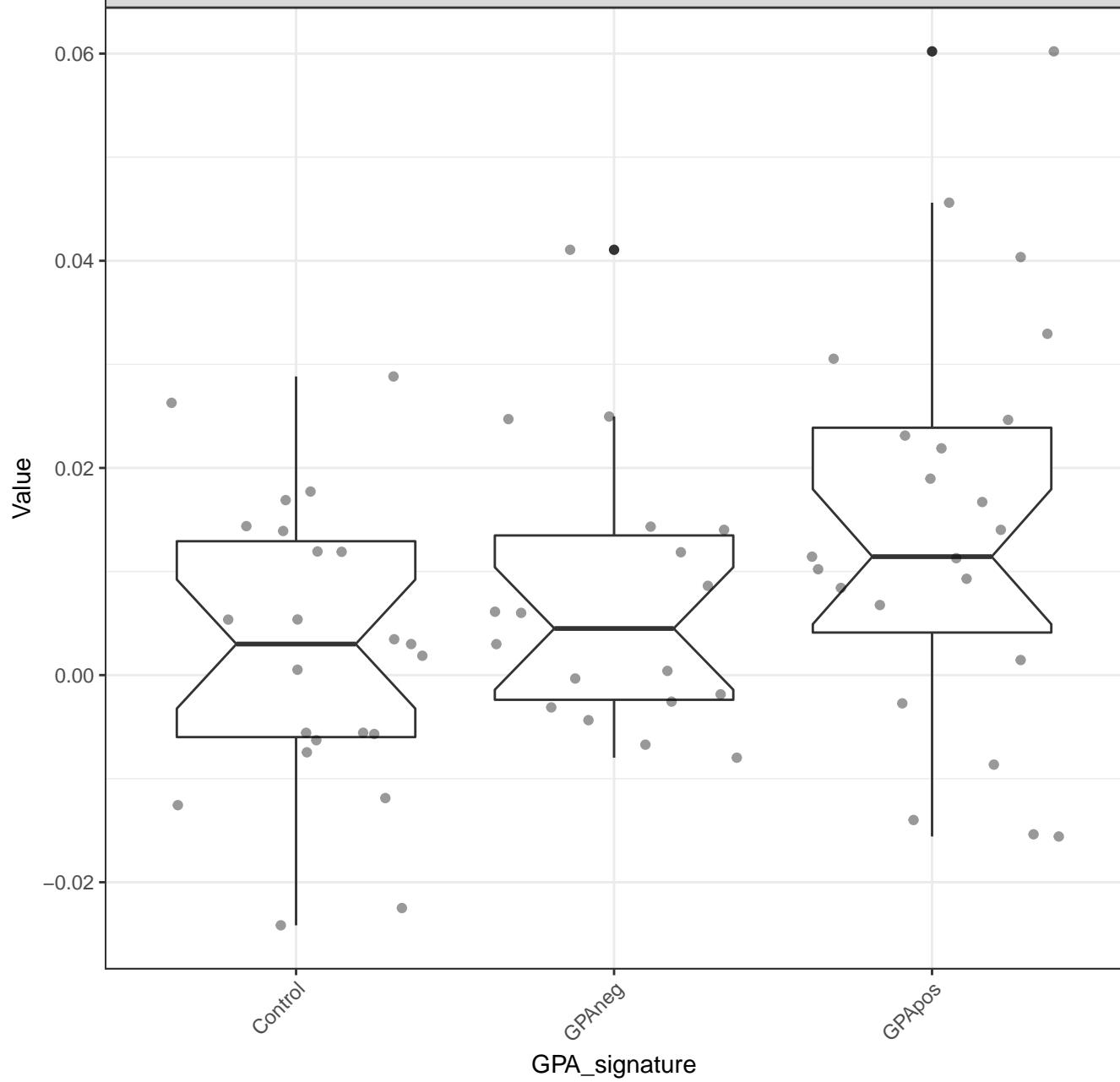
LV 390



LV 391



LV 392



Value

0.10

0.05

0.00

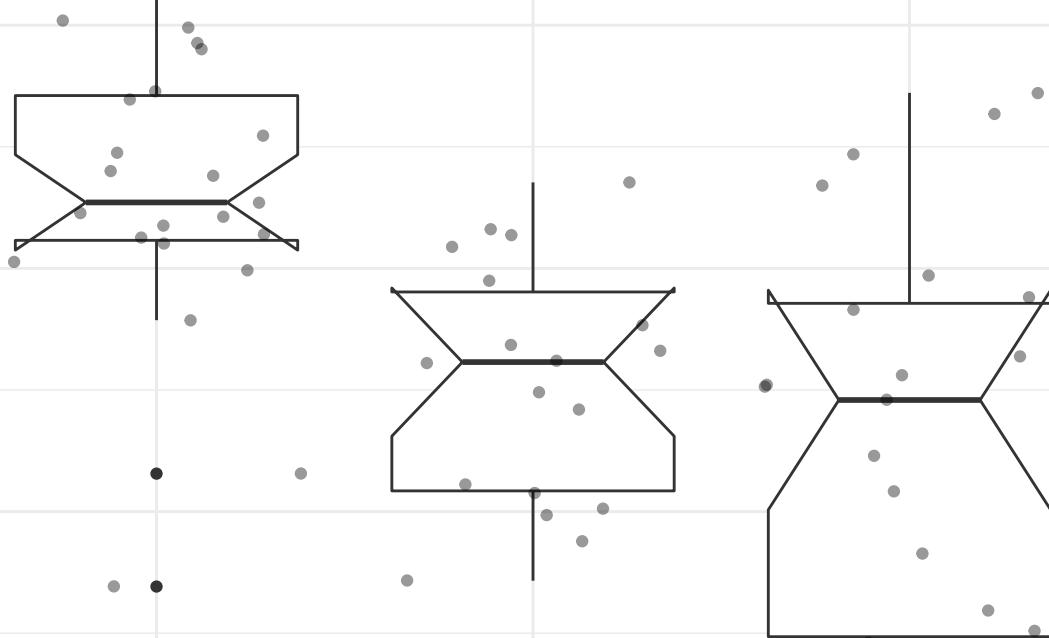
-0.05

Control

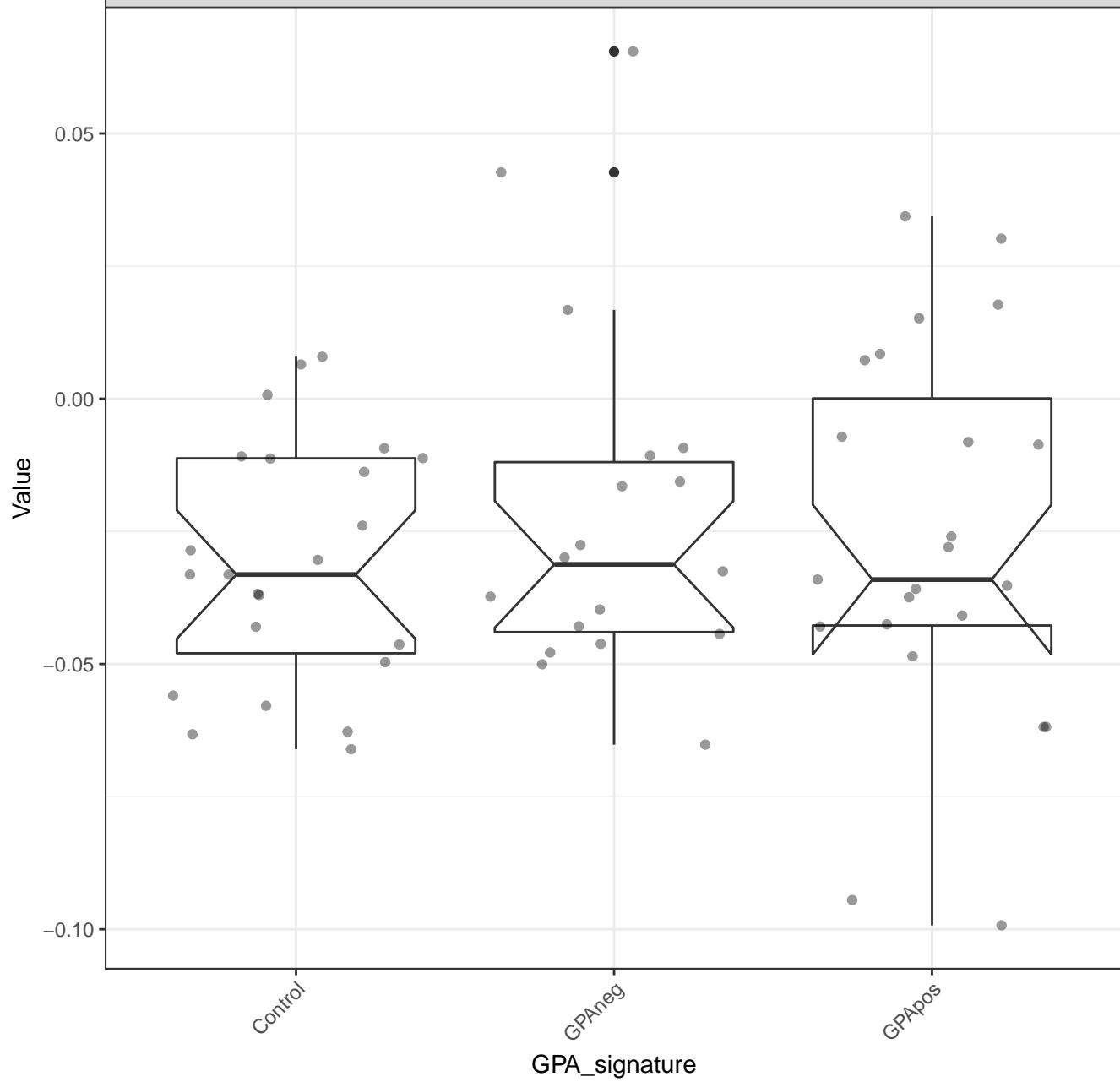
GPAneg

GPAPos

GPA_signature



LV 394



LV 395

Value

0.1

0.0

-0.1

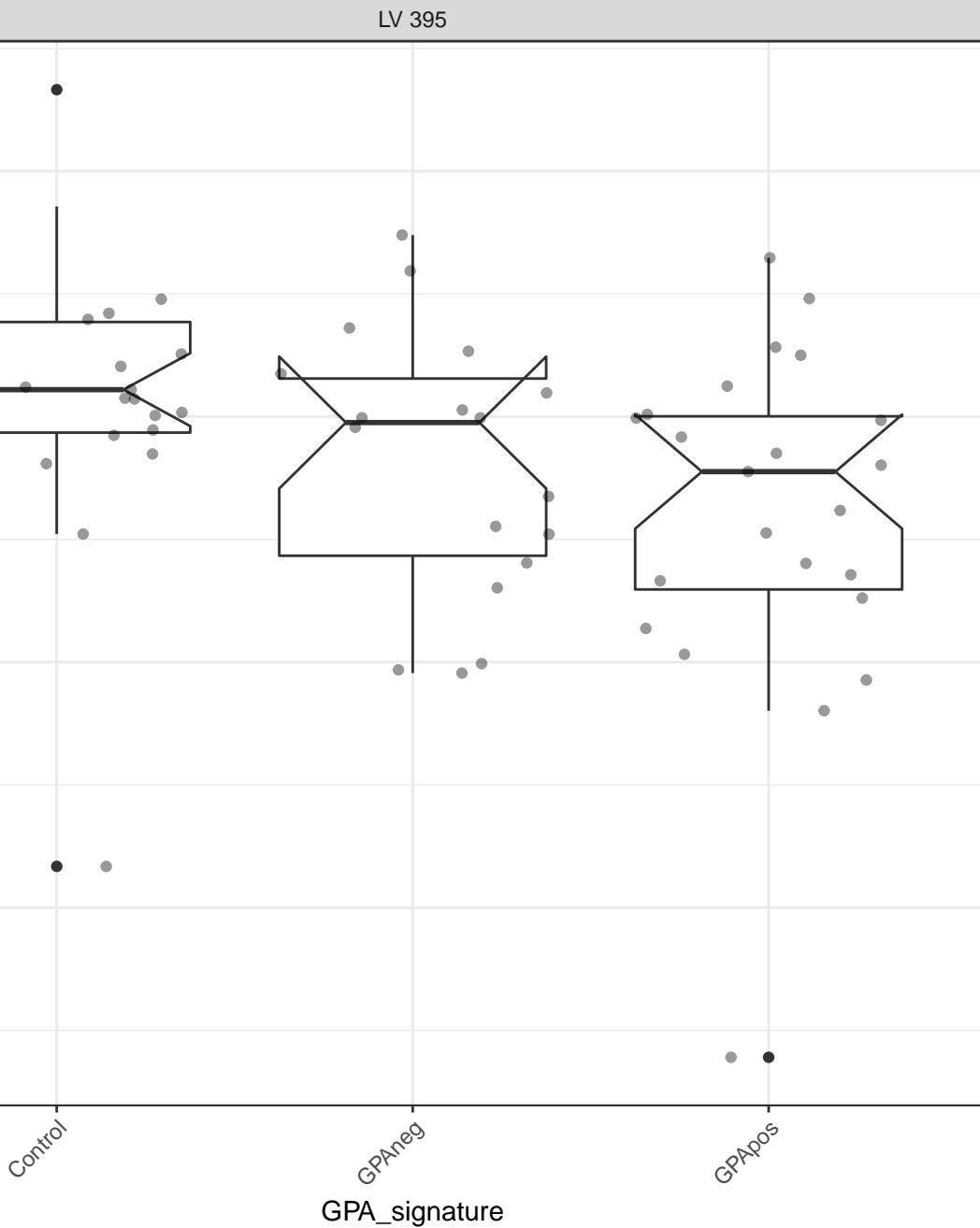
-0.2

Control

GPA_signature

GPAneg

GPApos



LV 396

Value

0.050

0.025

0.000

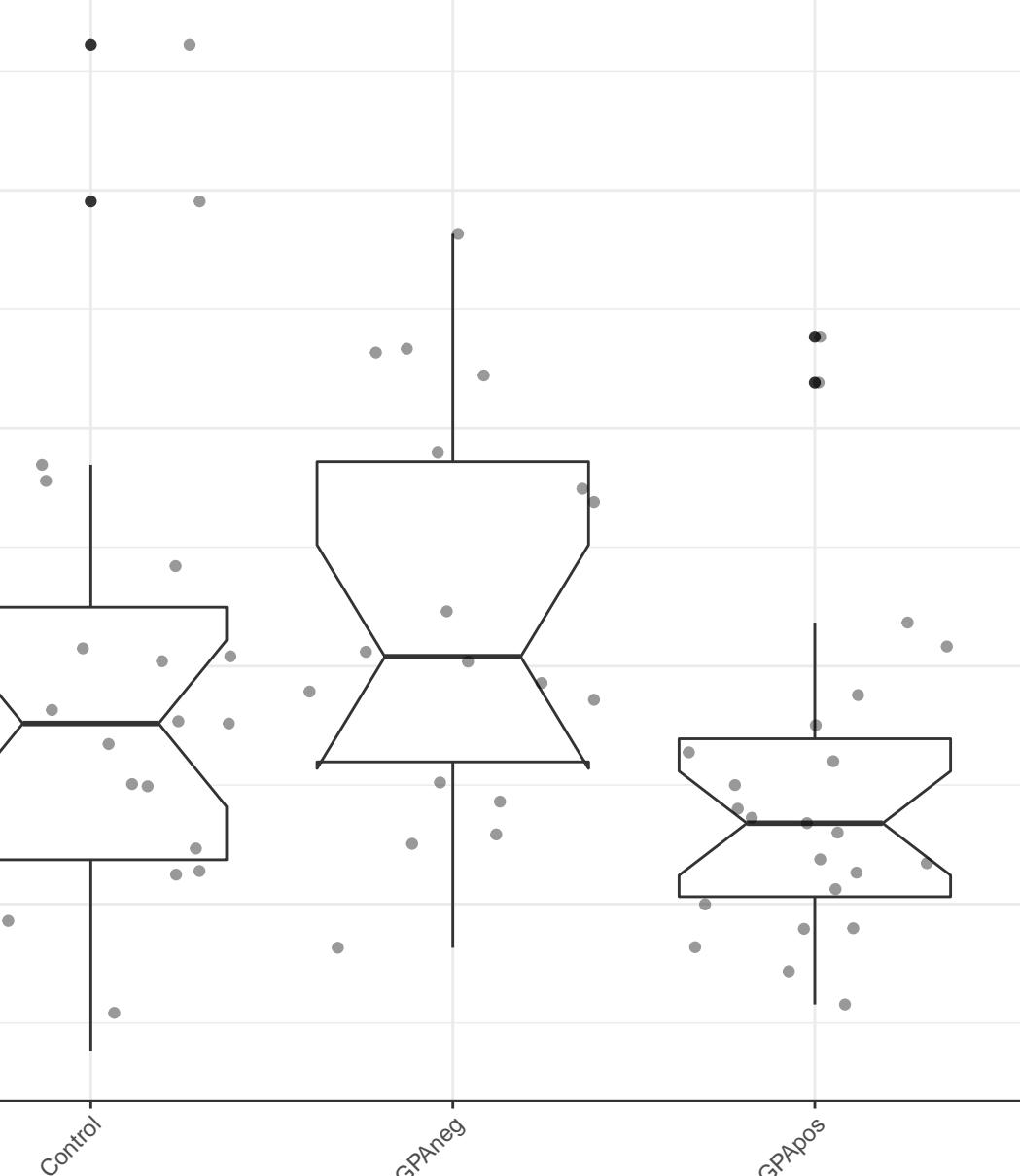
-0.025

Control

GPA_signature

GPAneg

GPAPos



LV 397

Value

0.05

0.00

-0.05

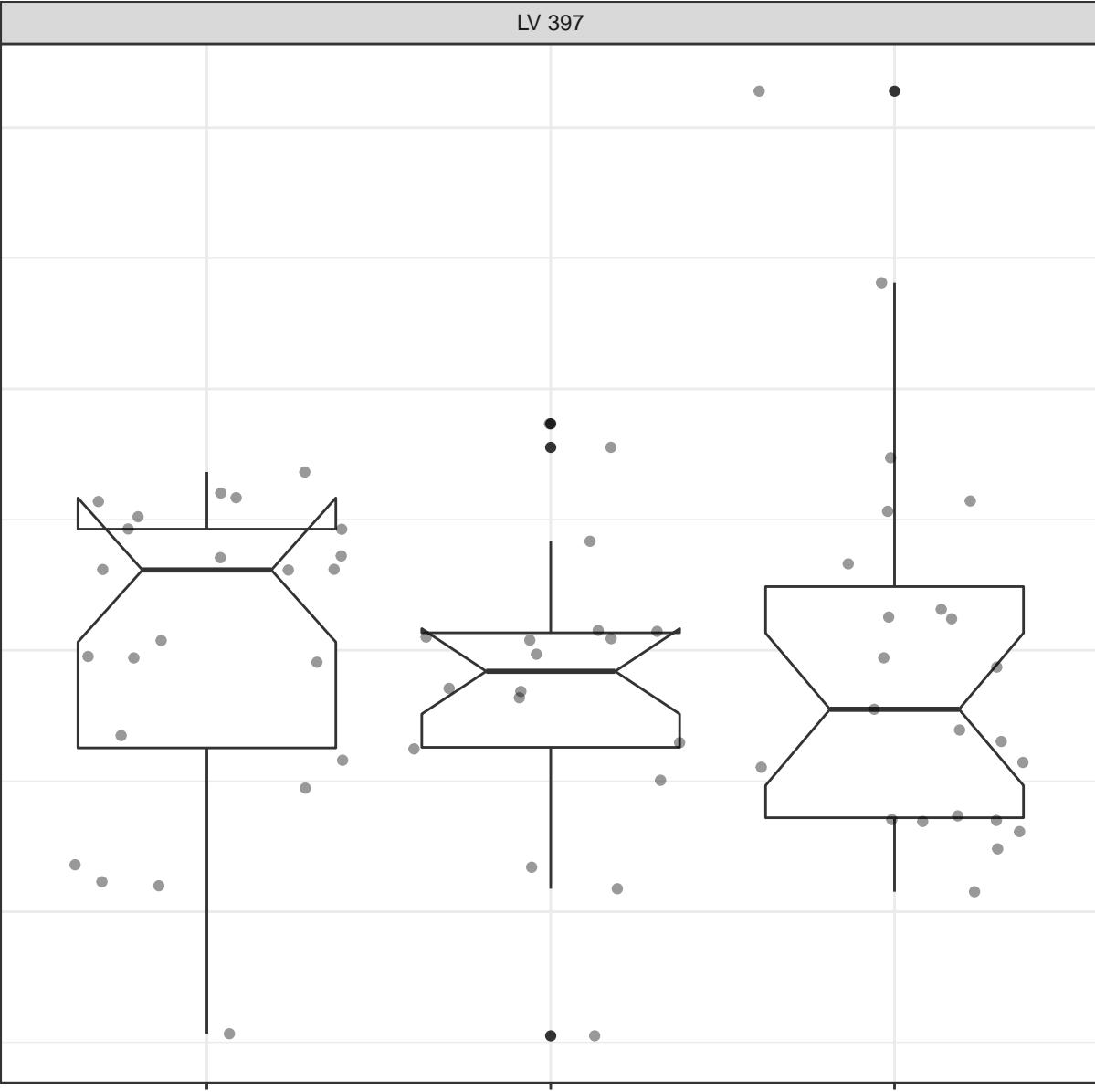
-0.10

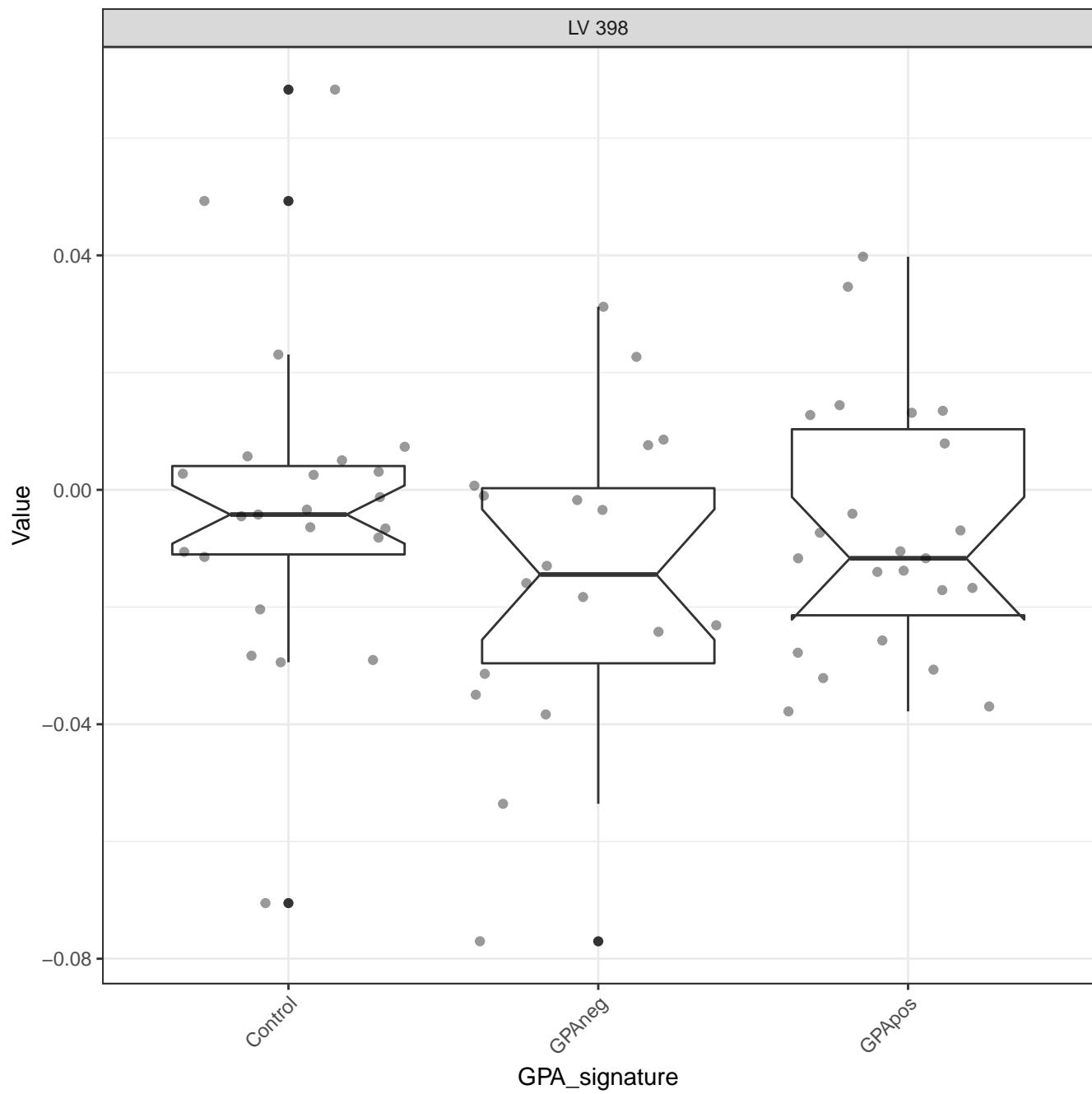
Control

GPA_signature

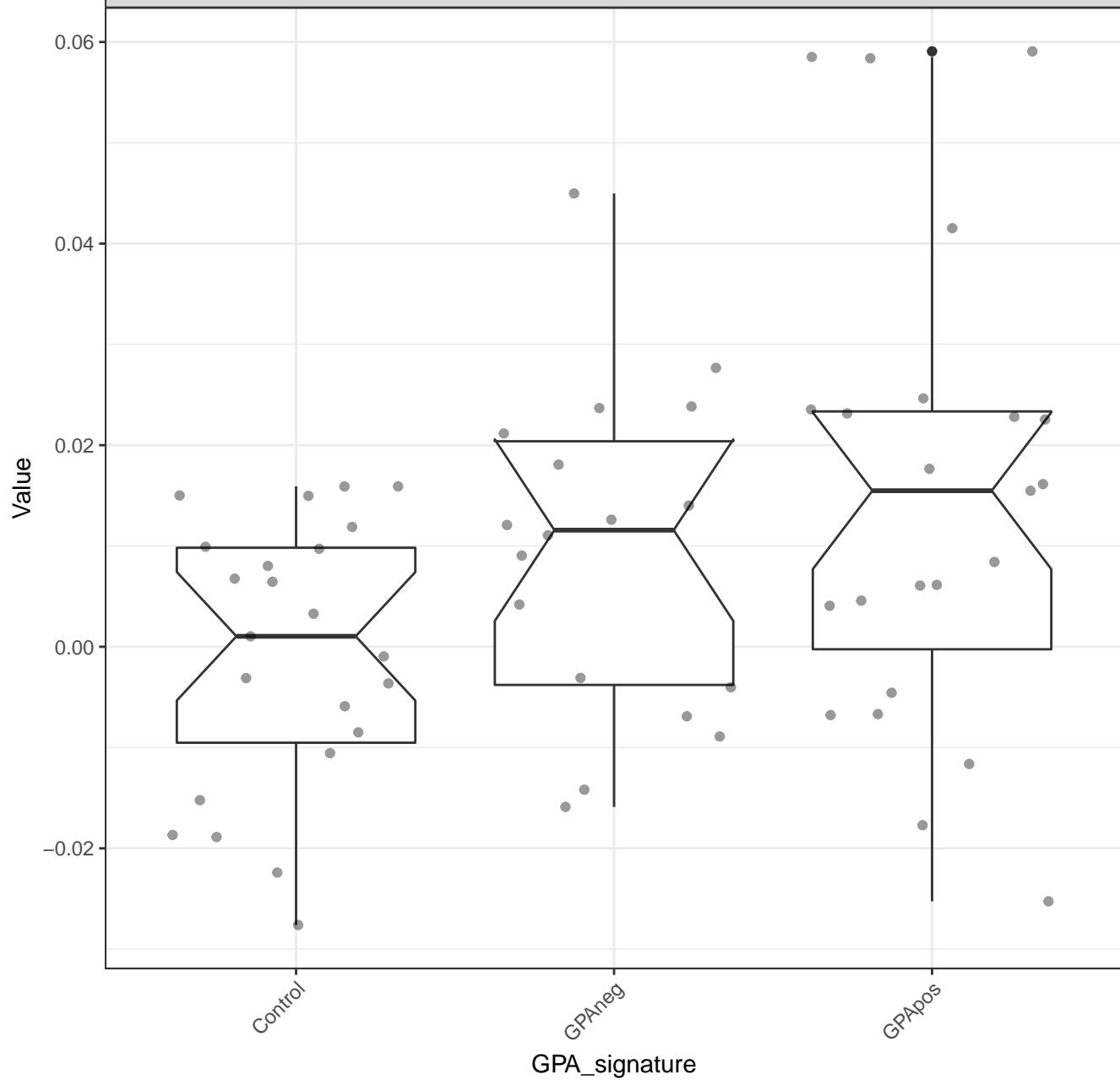
GPAneg

GPApos

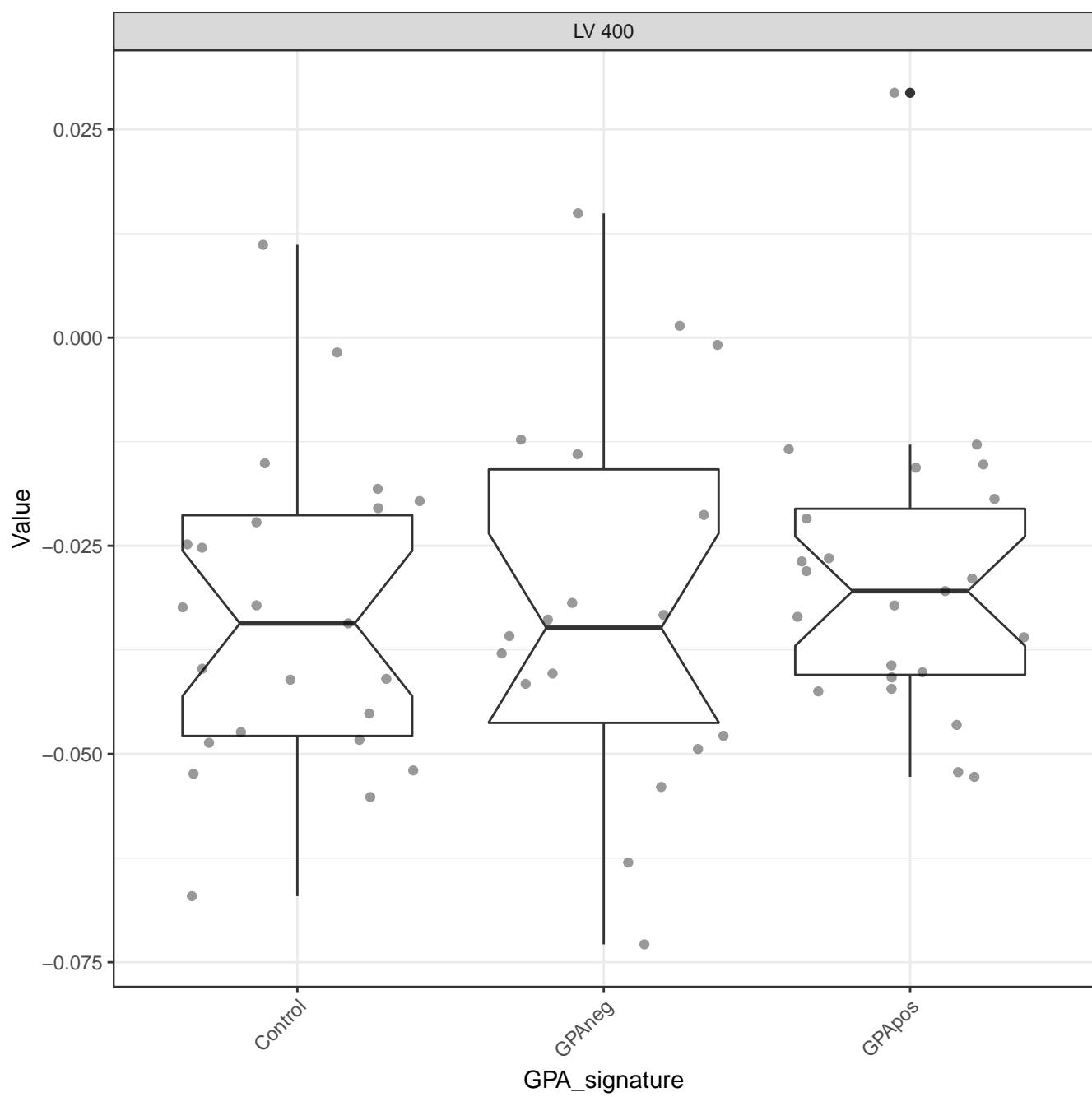




LV 399



LV 400



LV 401

Value

0.08

0.04

0.00

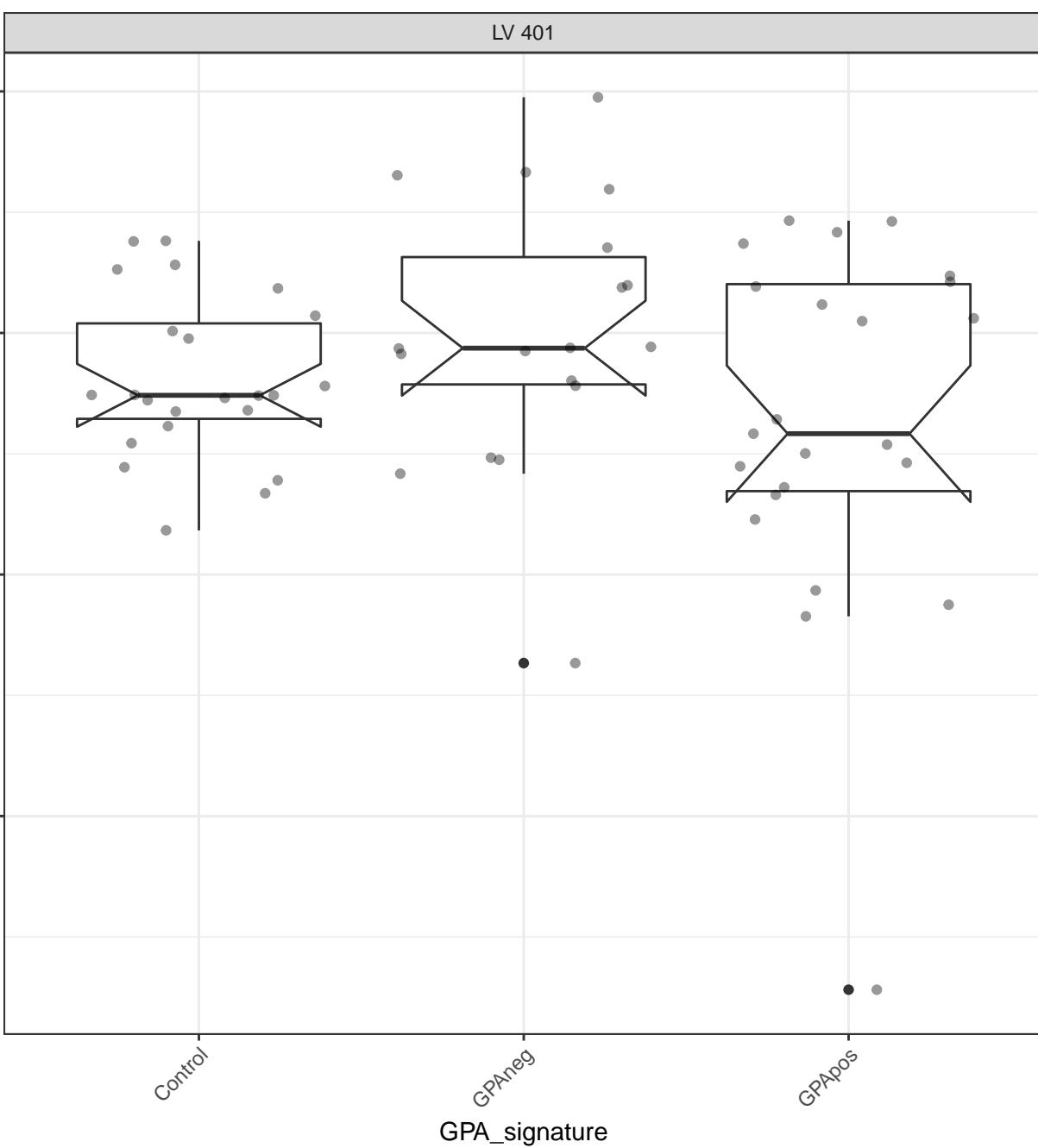
-0.04

Control

GPAneg

GPApos

GPA_signature



LV 402

Value

0.050

0.025

0.000

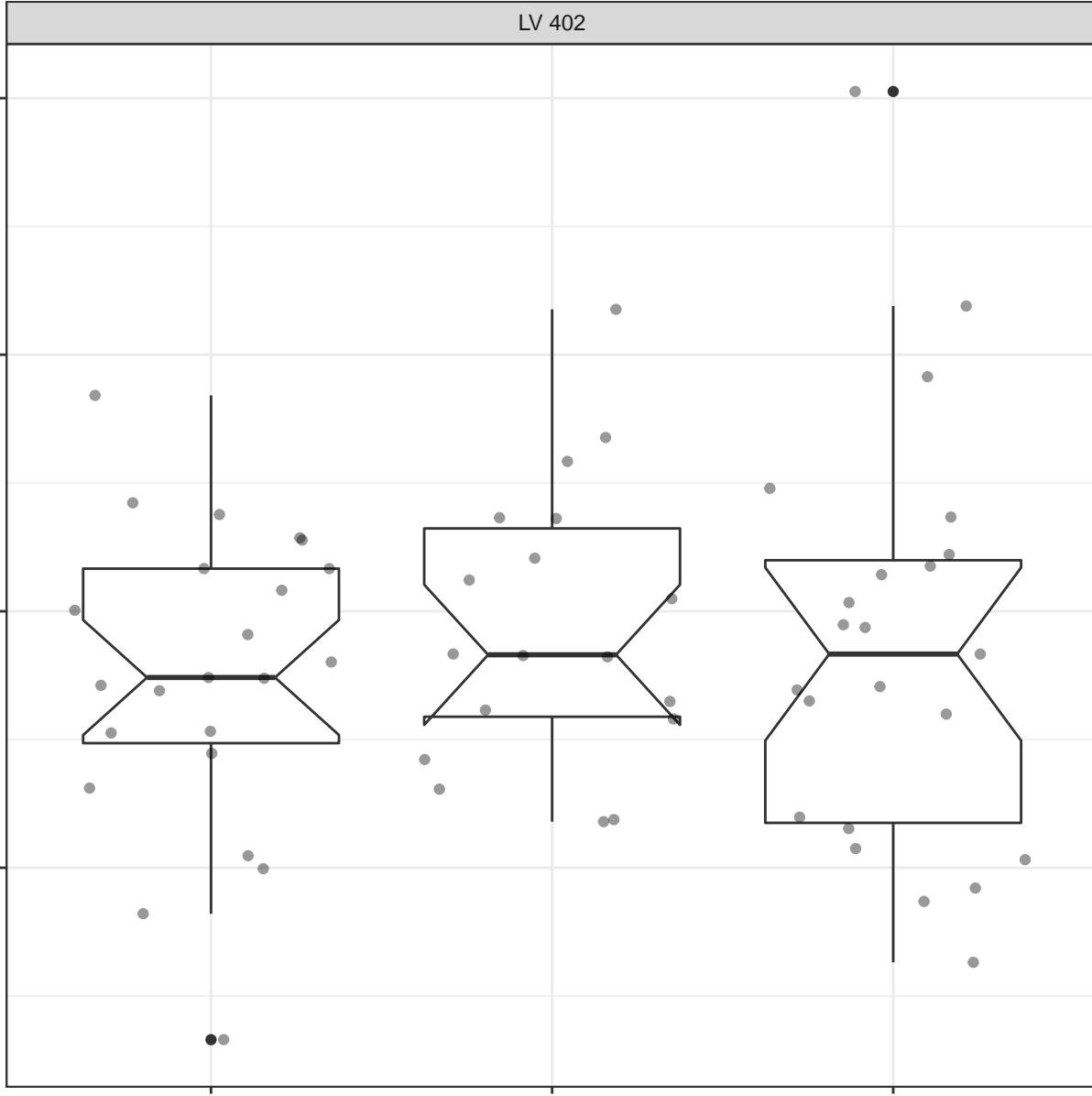
-0.025

Control

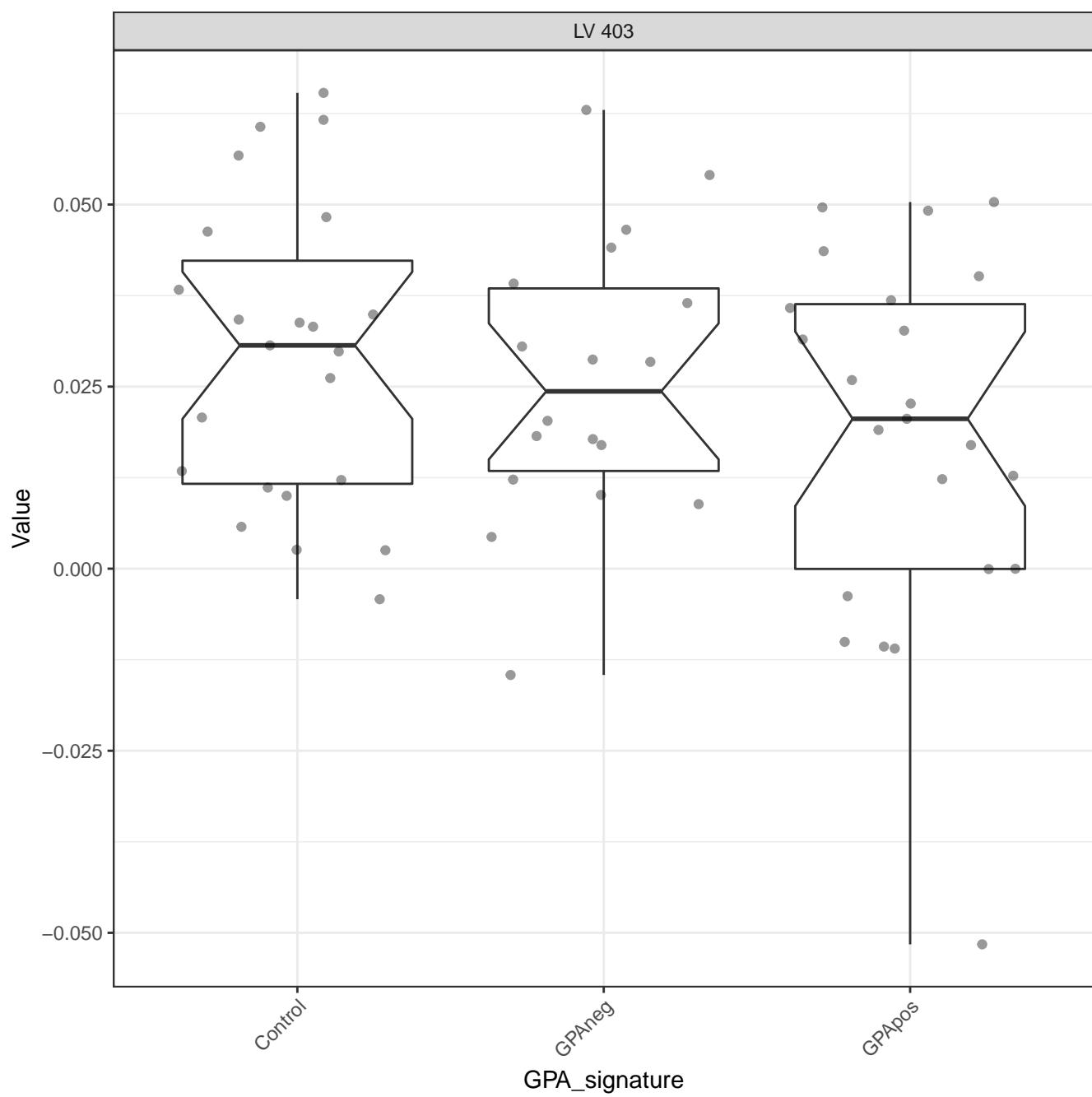
GPA_signature

GPAneg

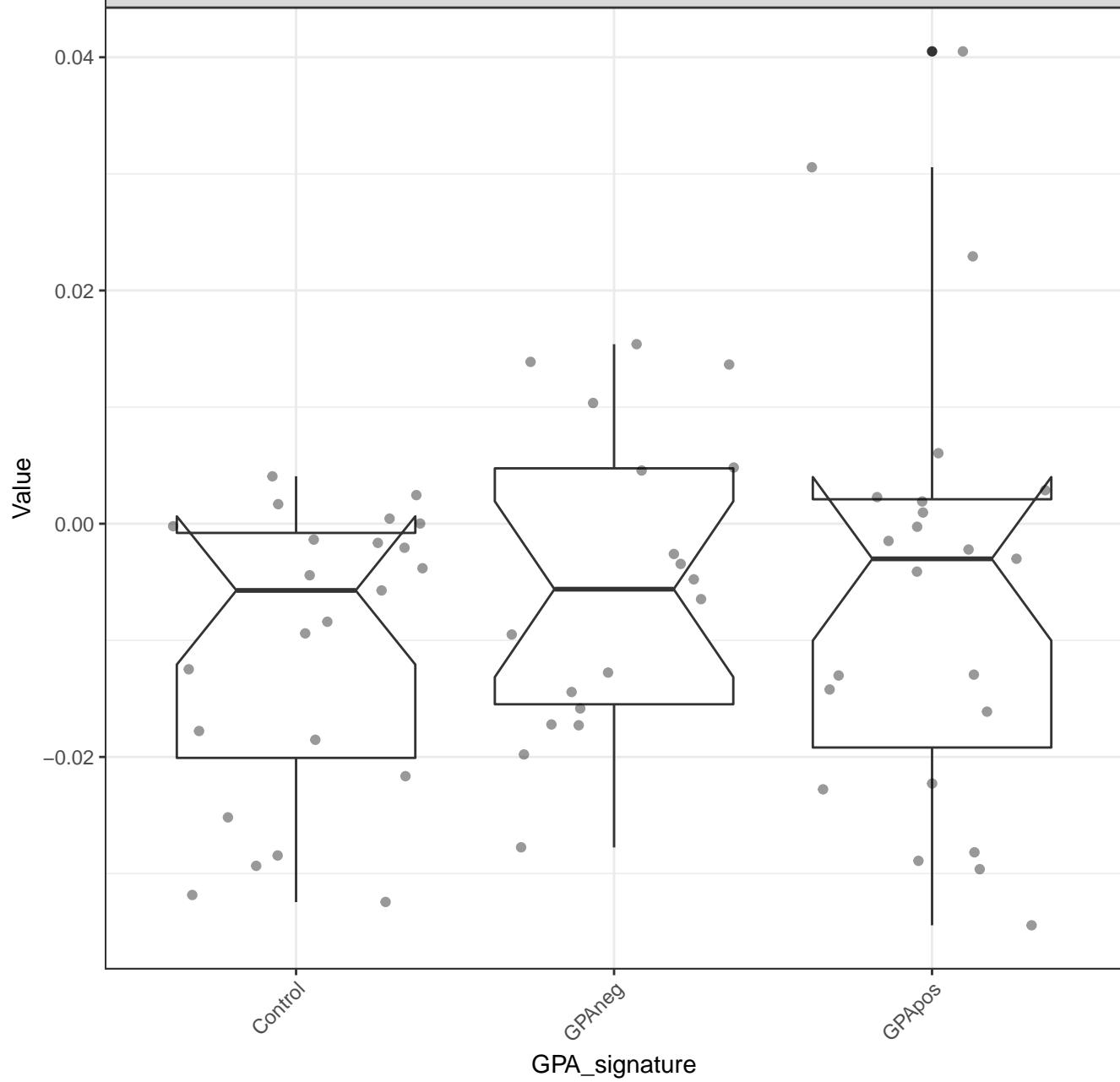
GPApos



LV 403



LV 404



LV 405

Value

0.025

0.000

-0.025

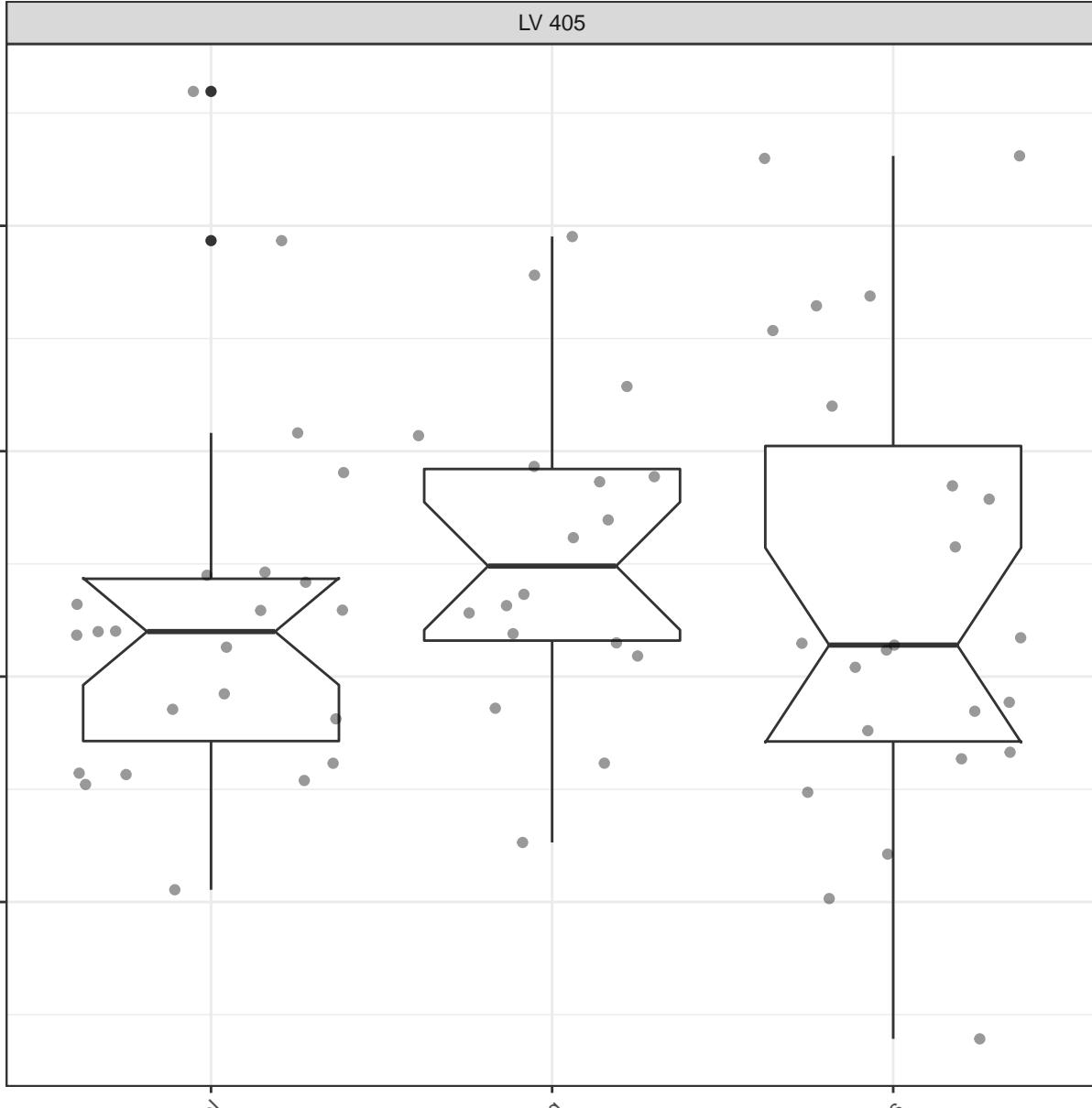
-0.050

Control

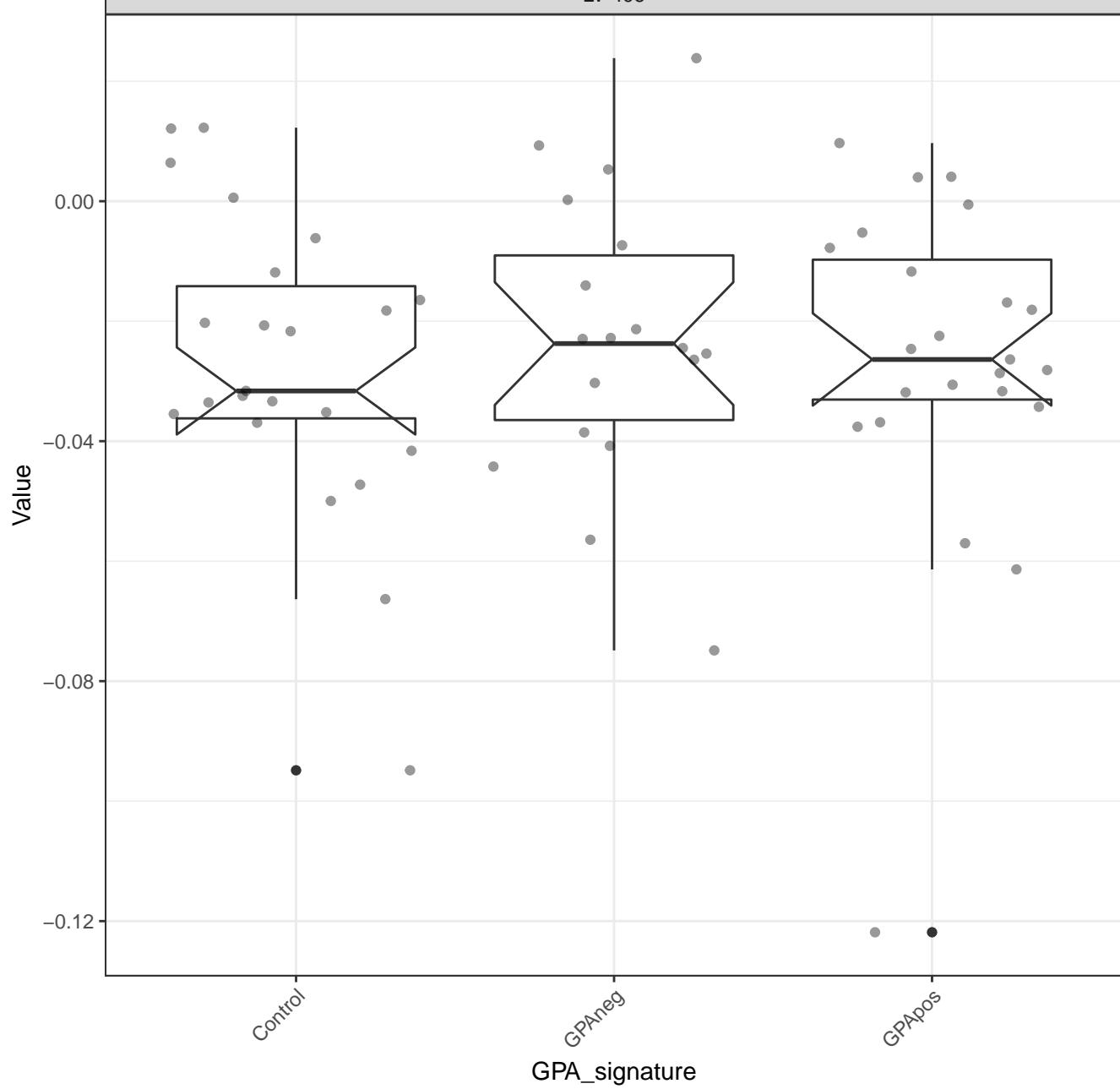
GPAneg

GPAPos

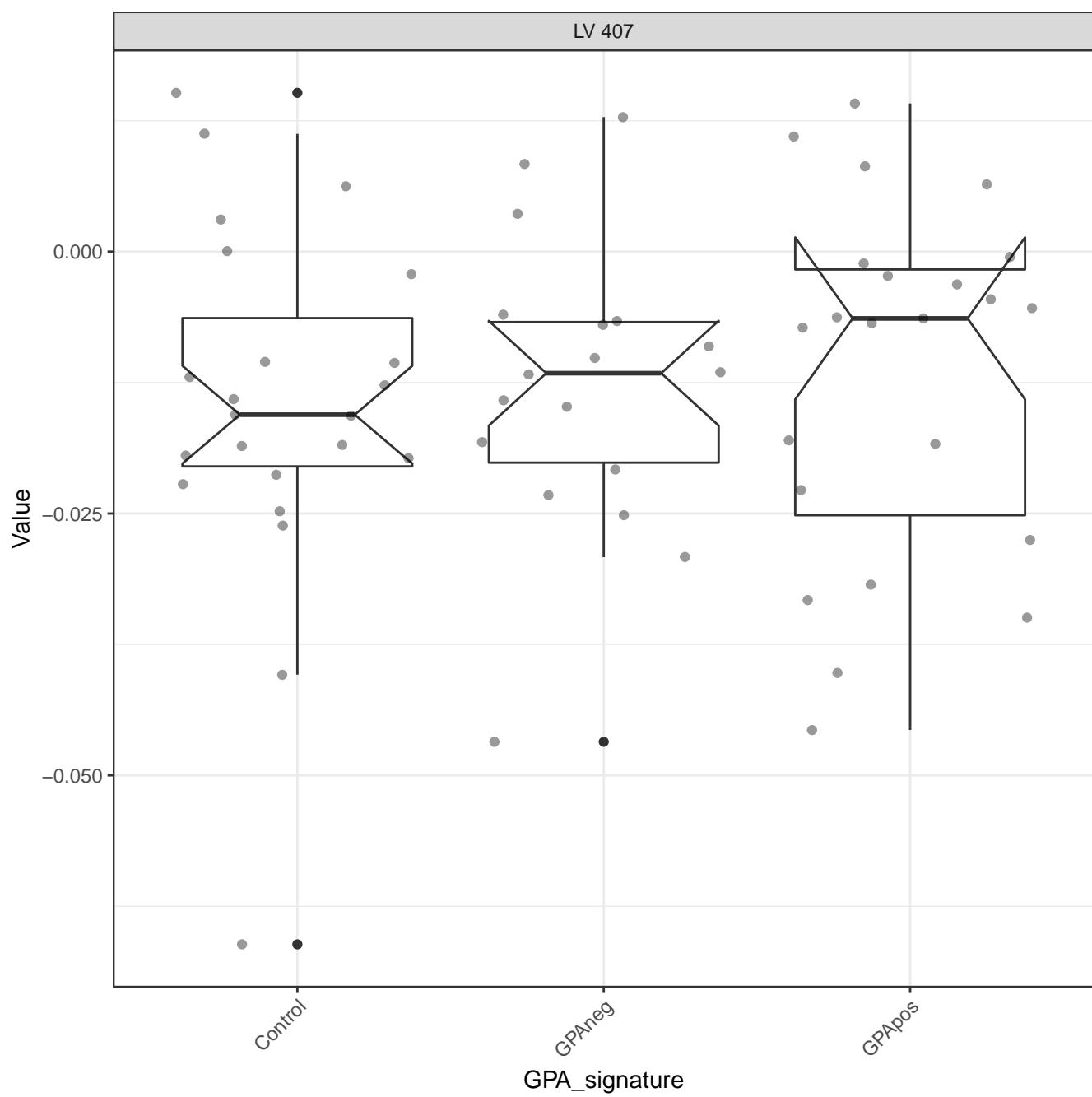
GPA_signature



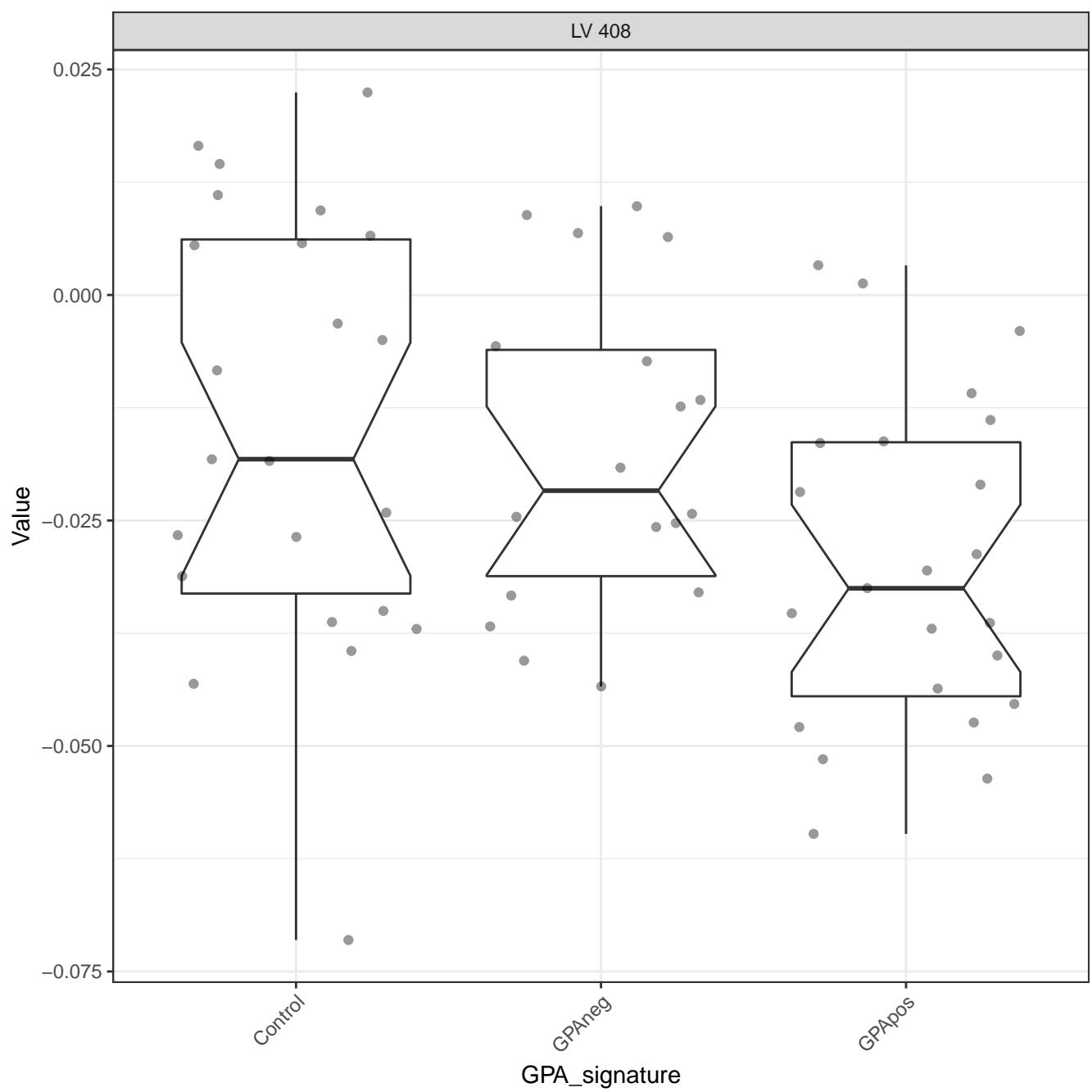
LV 406



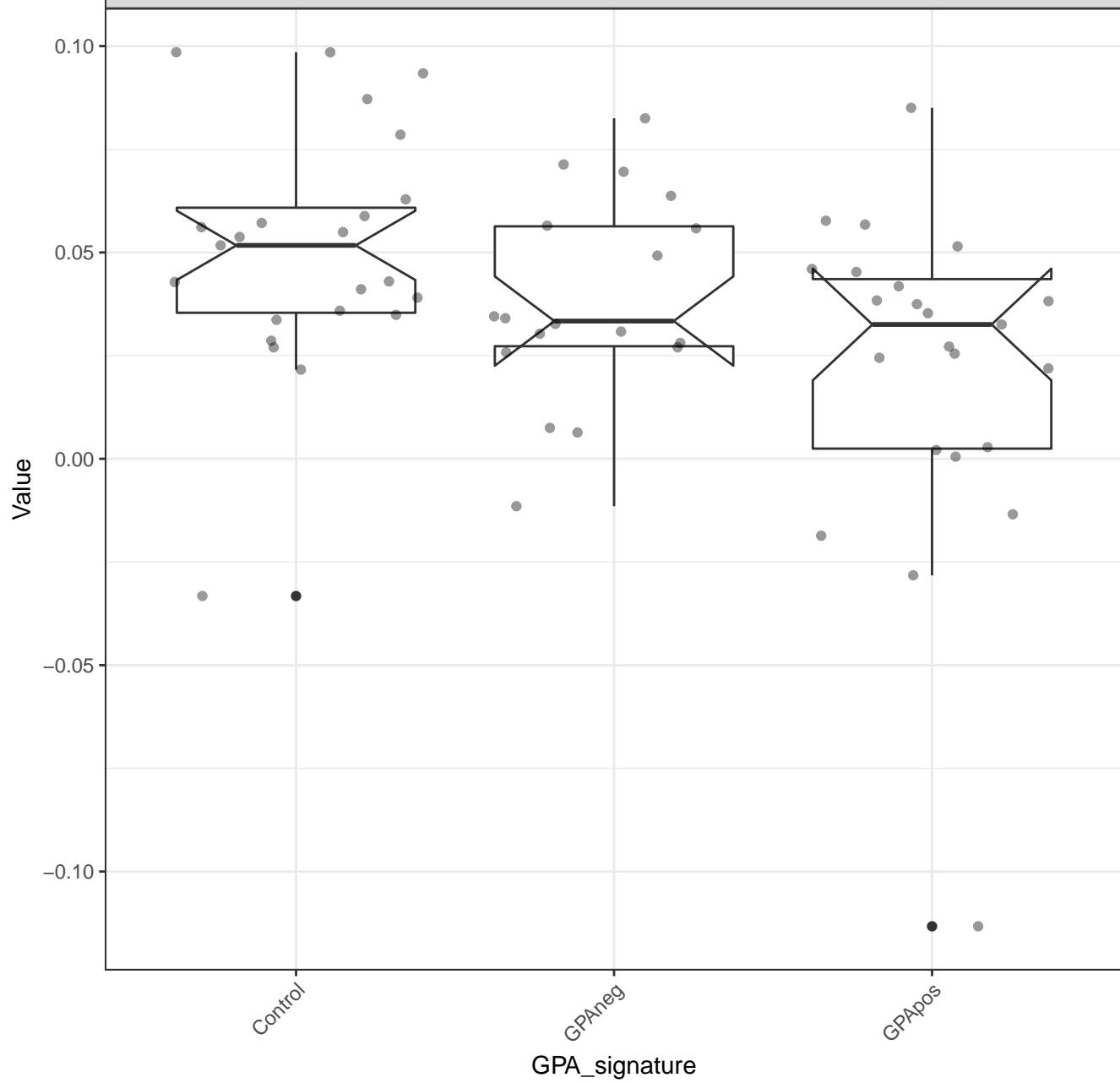
LV 407

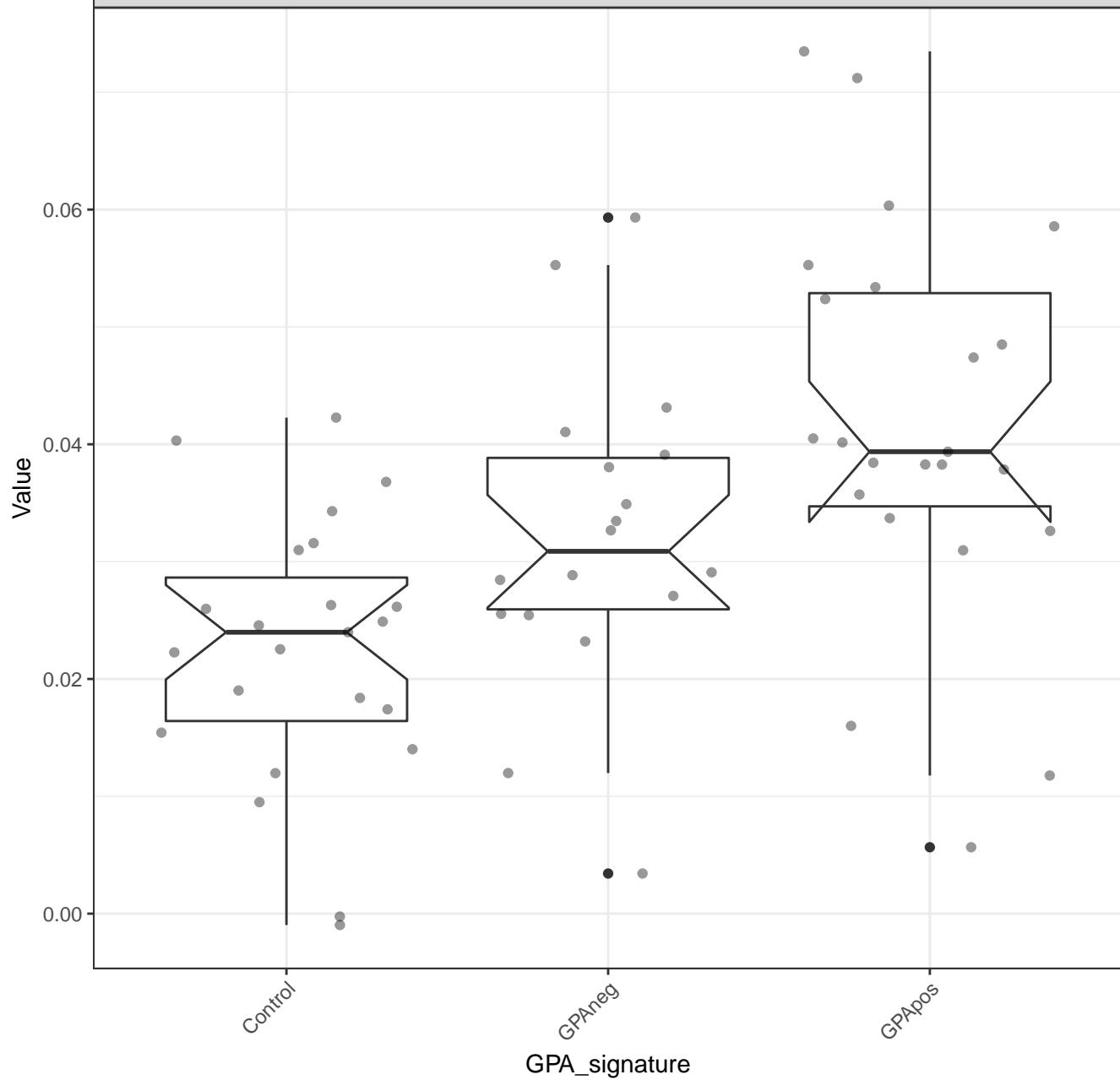


LV 408

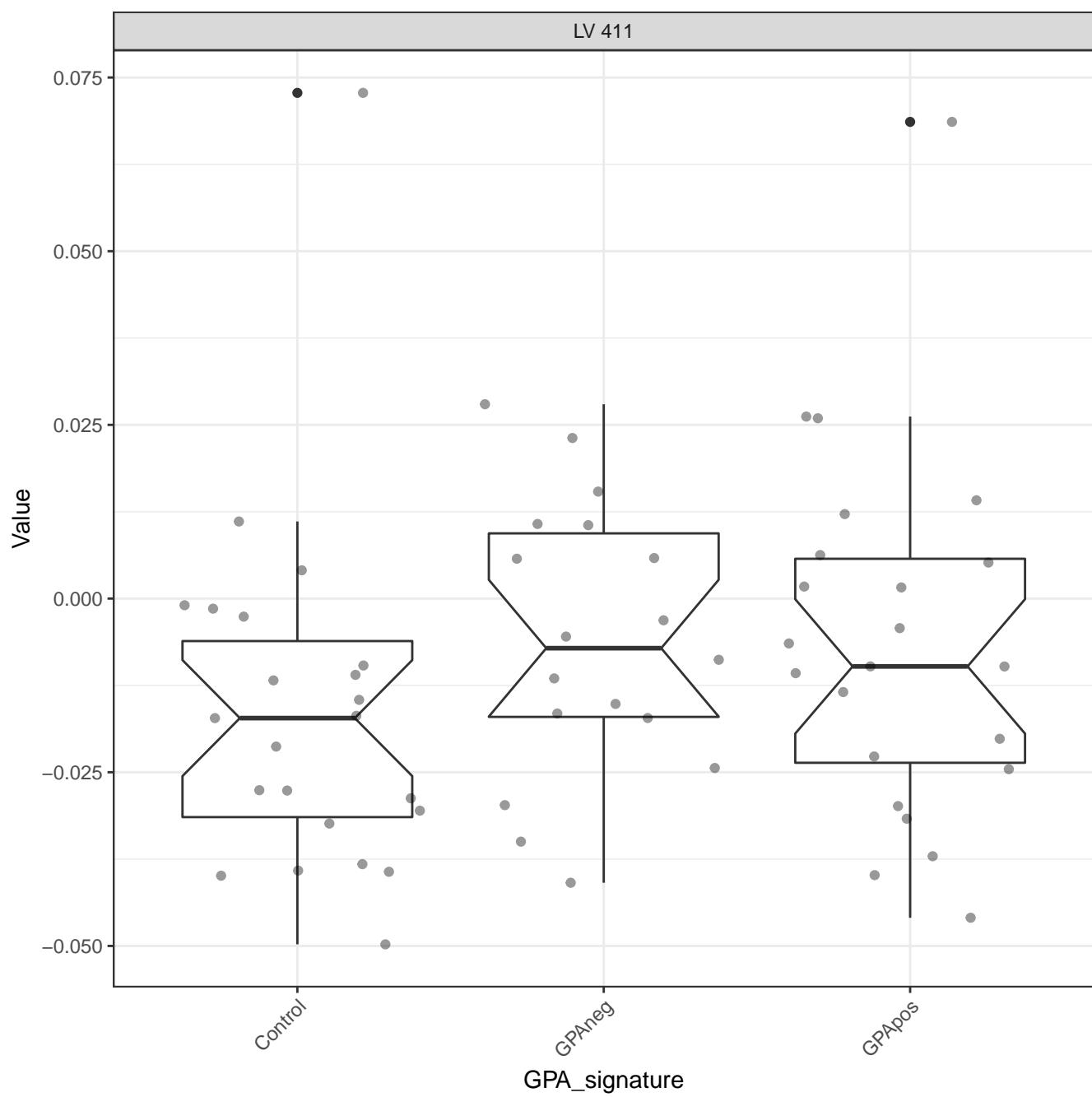


LV 409

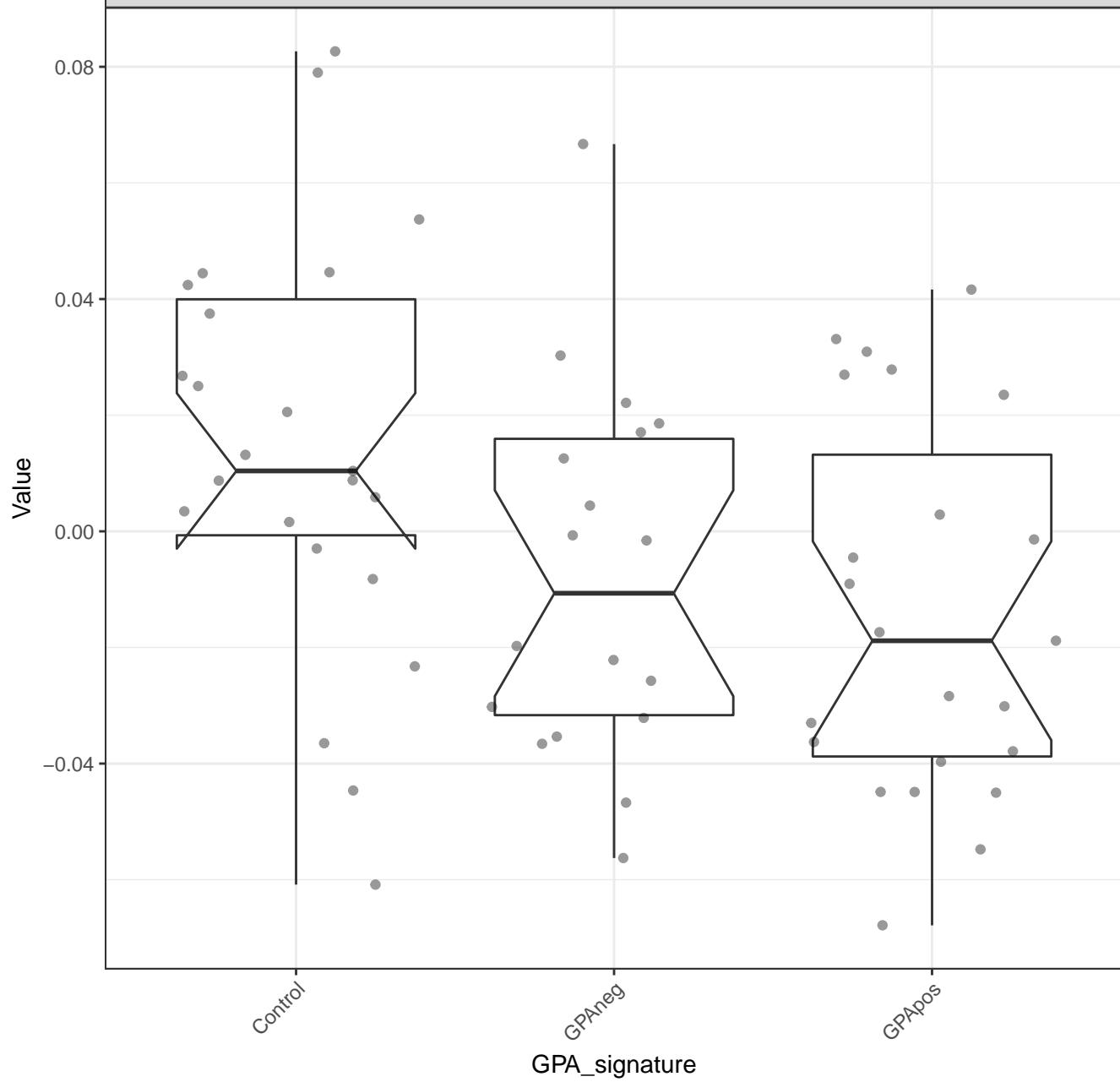




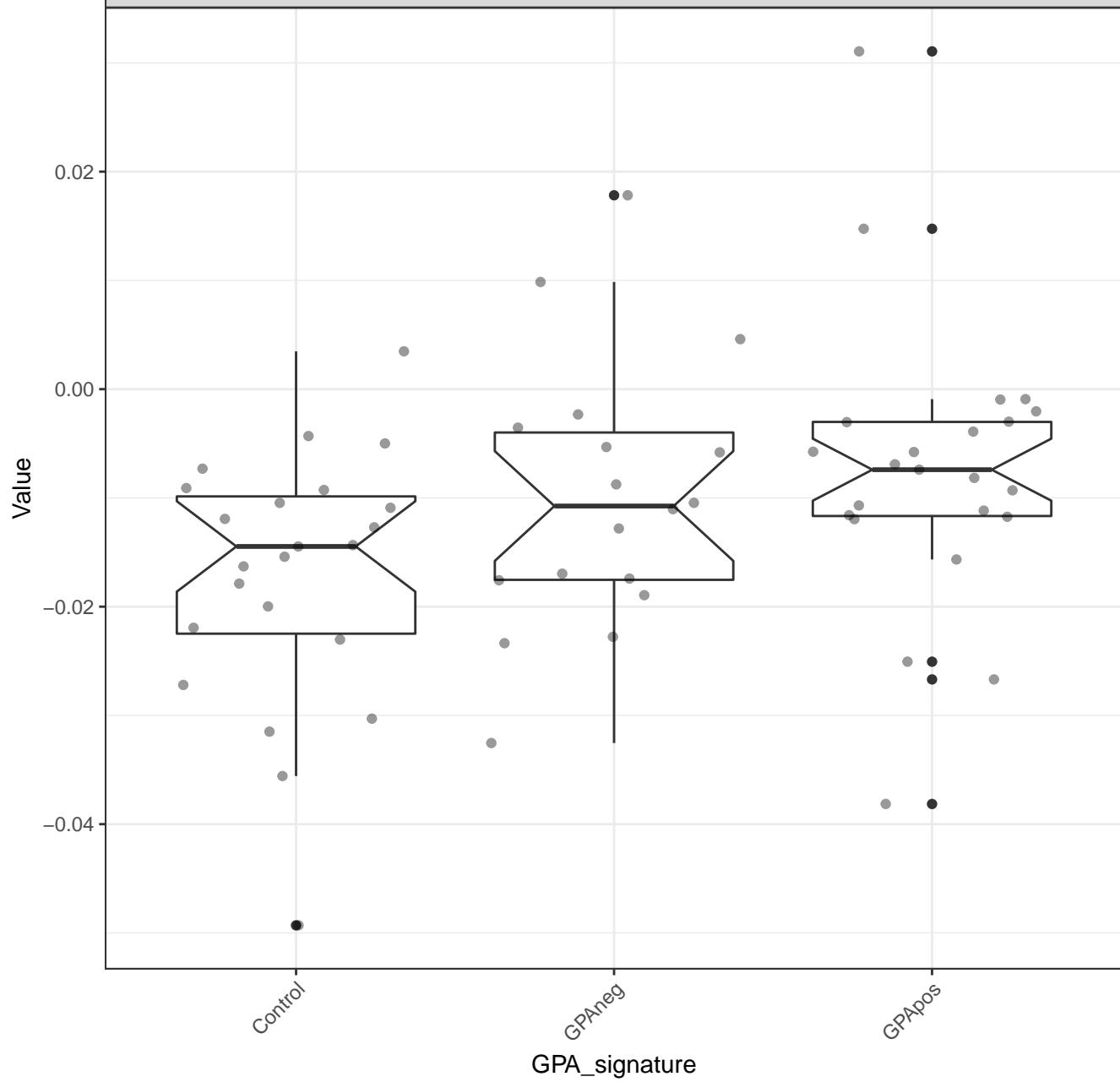
LV 411



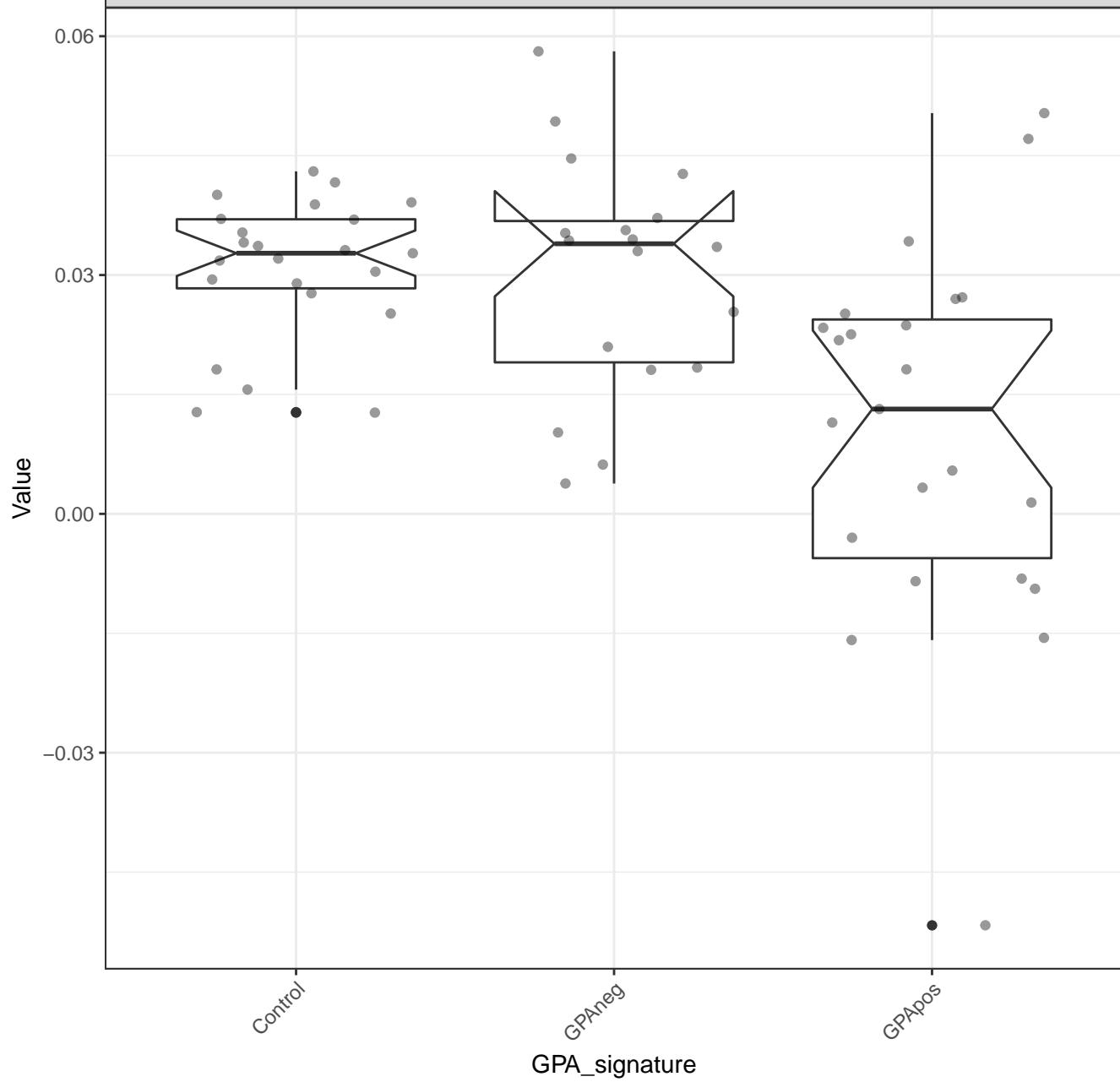
LV 412

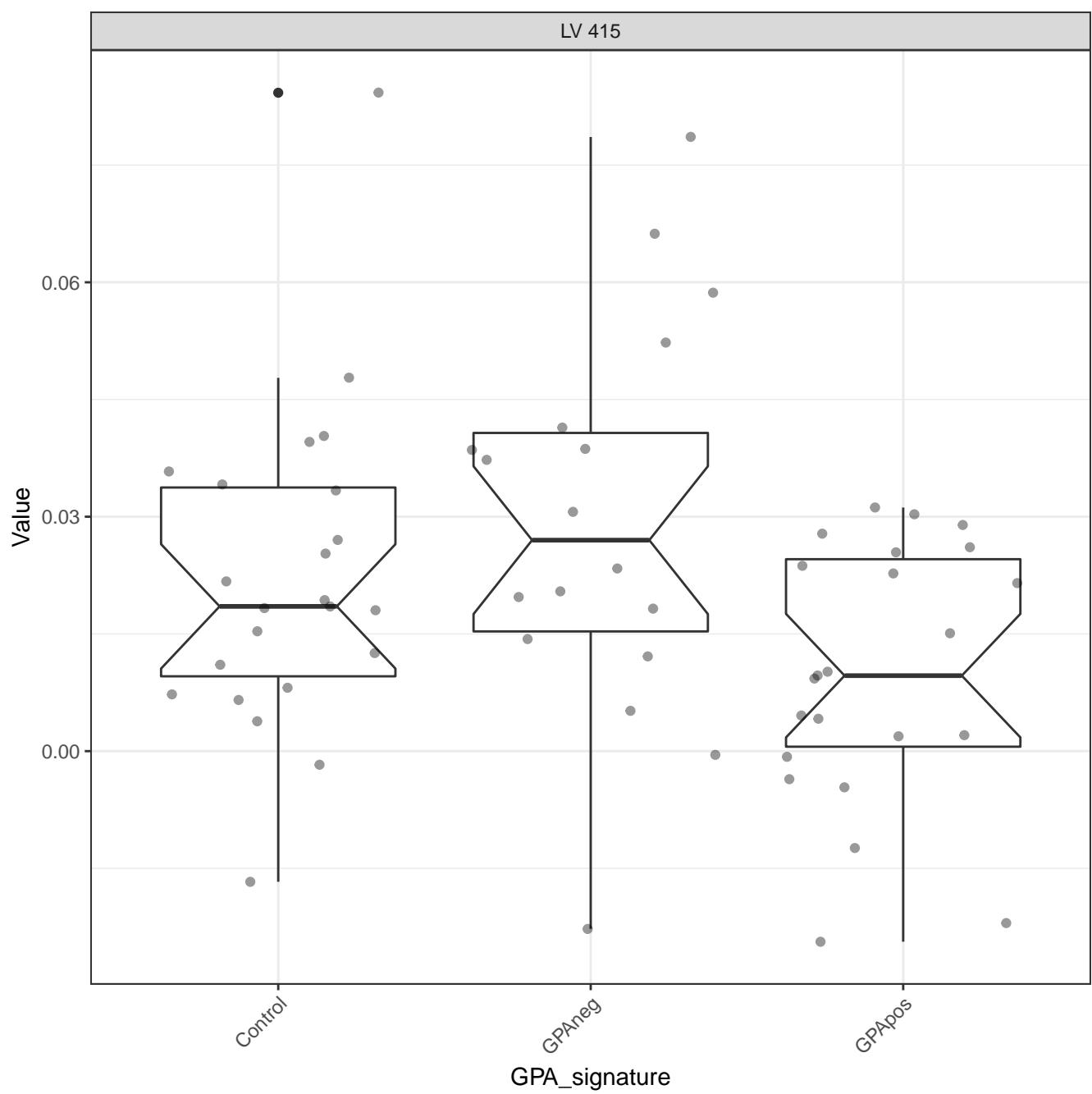


LV 413

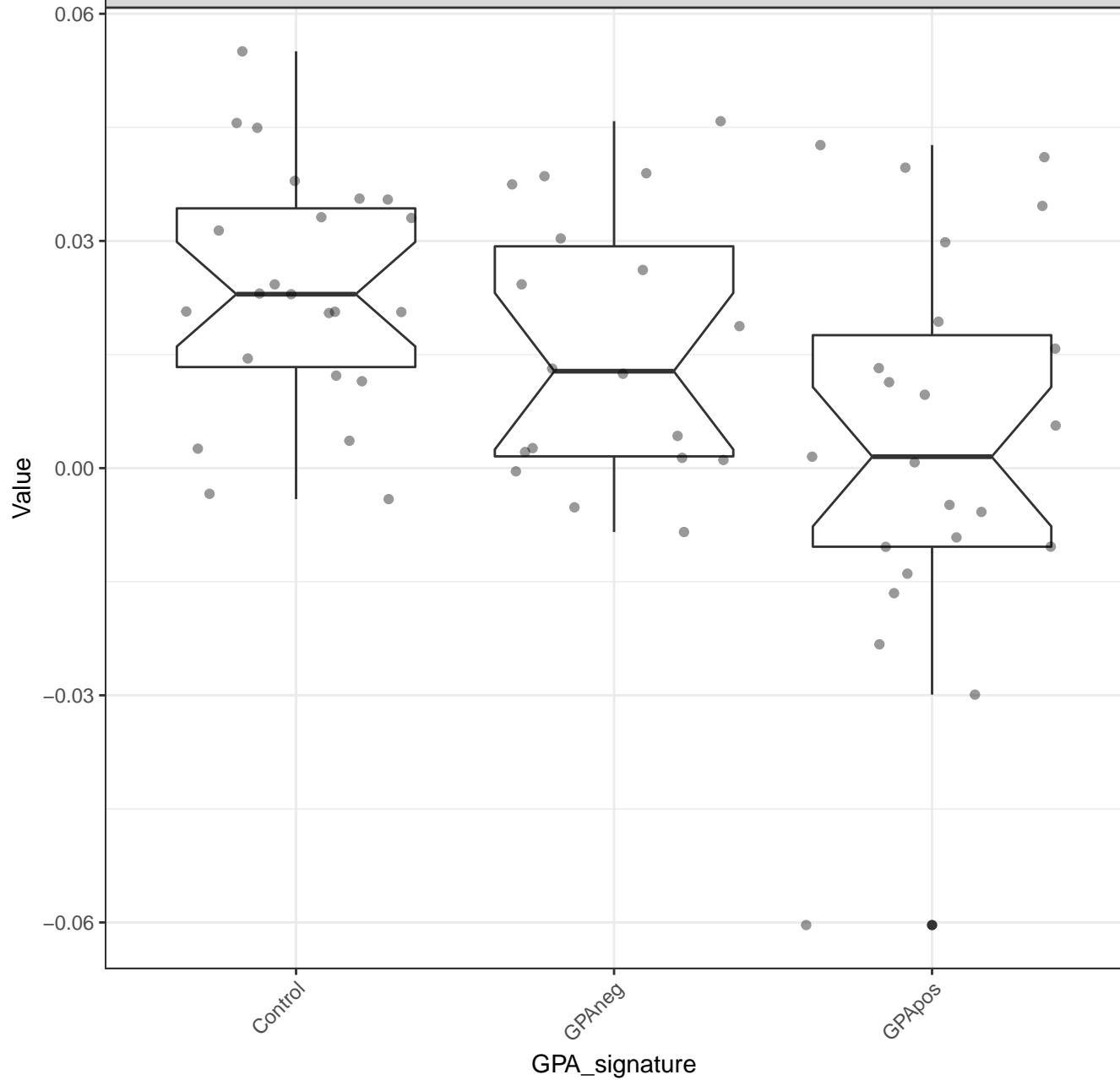


LV 414

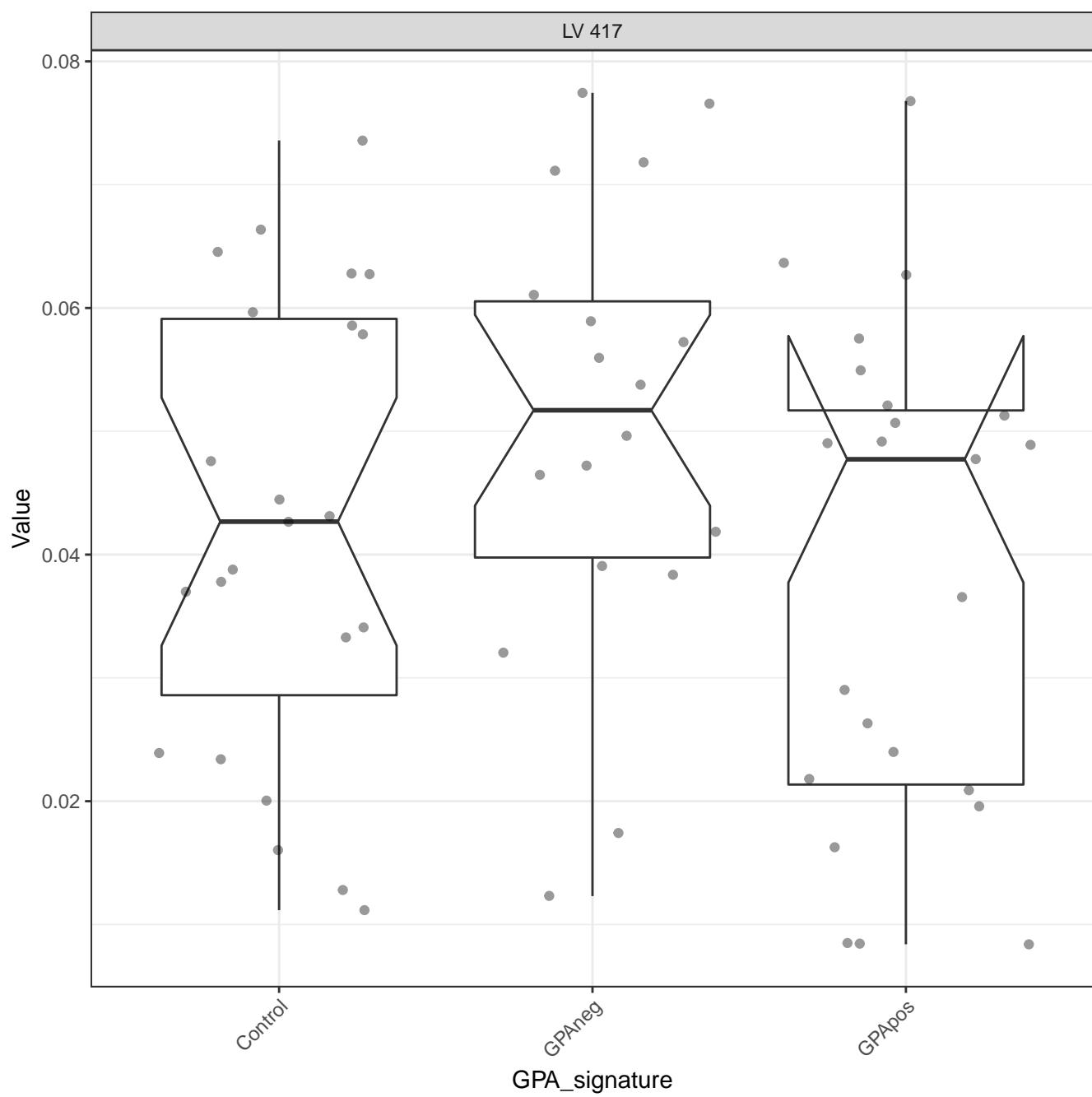




LV 416



LV 417



LV 418

Value

0.02

0.00

-0.02

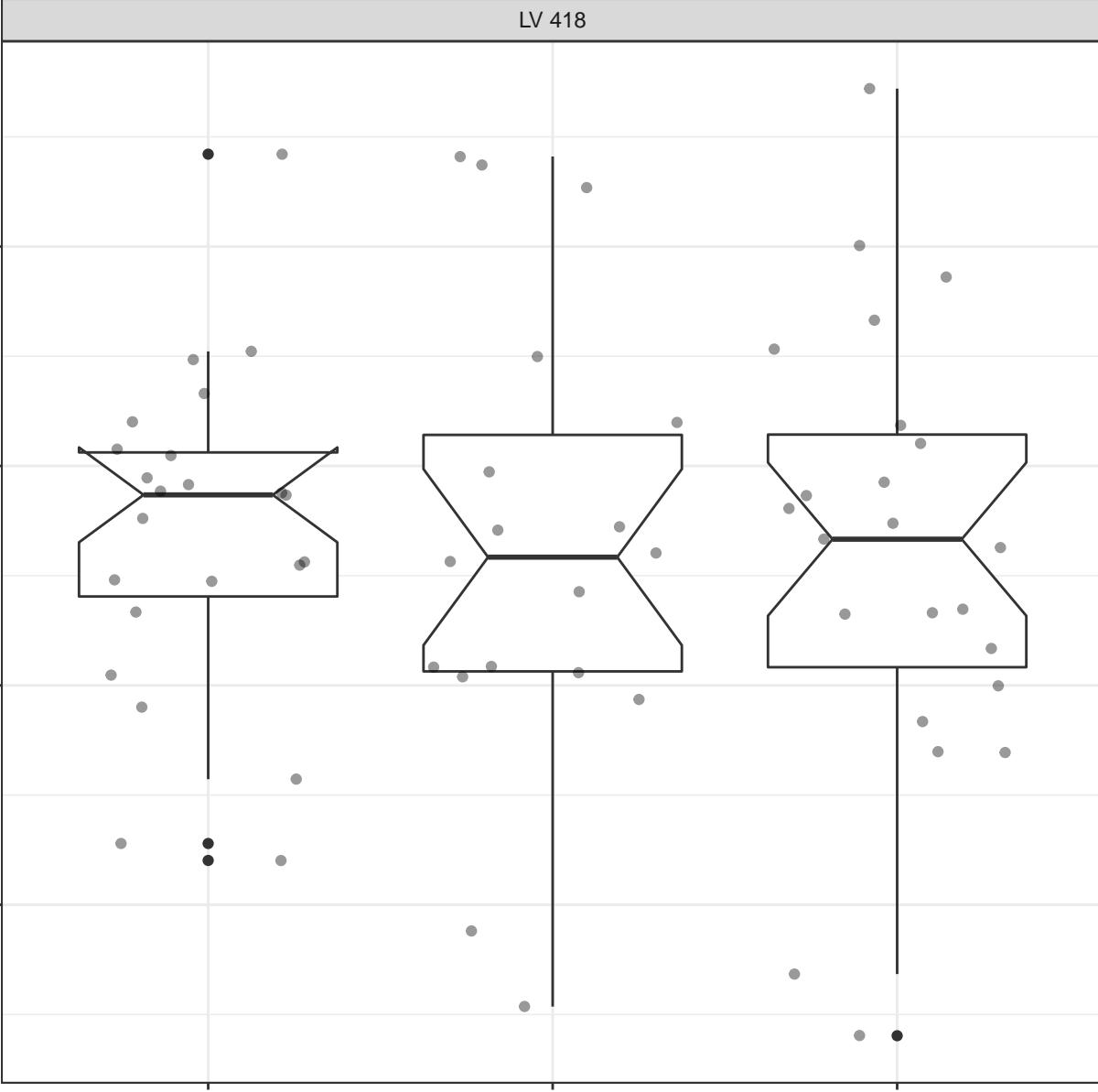
-0.04

Control

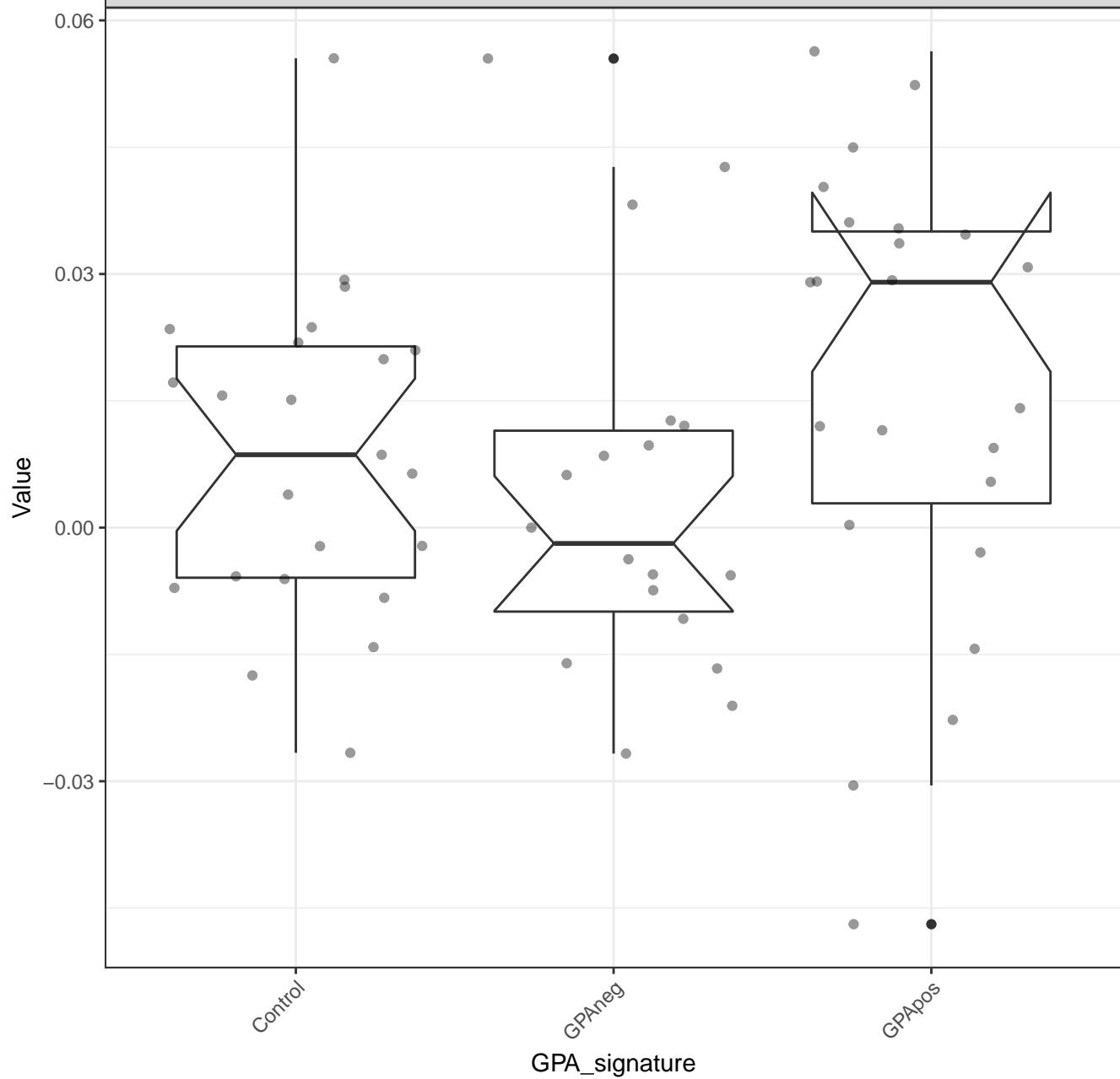
GPA_signature

GPAneg

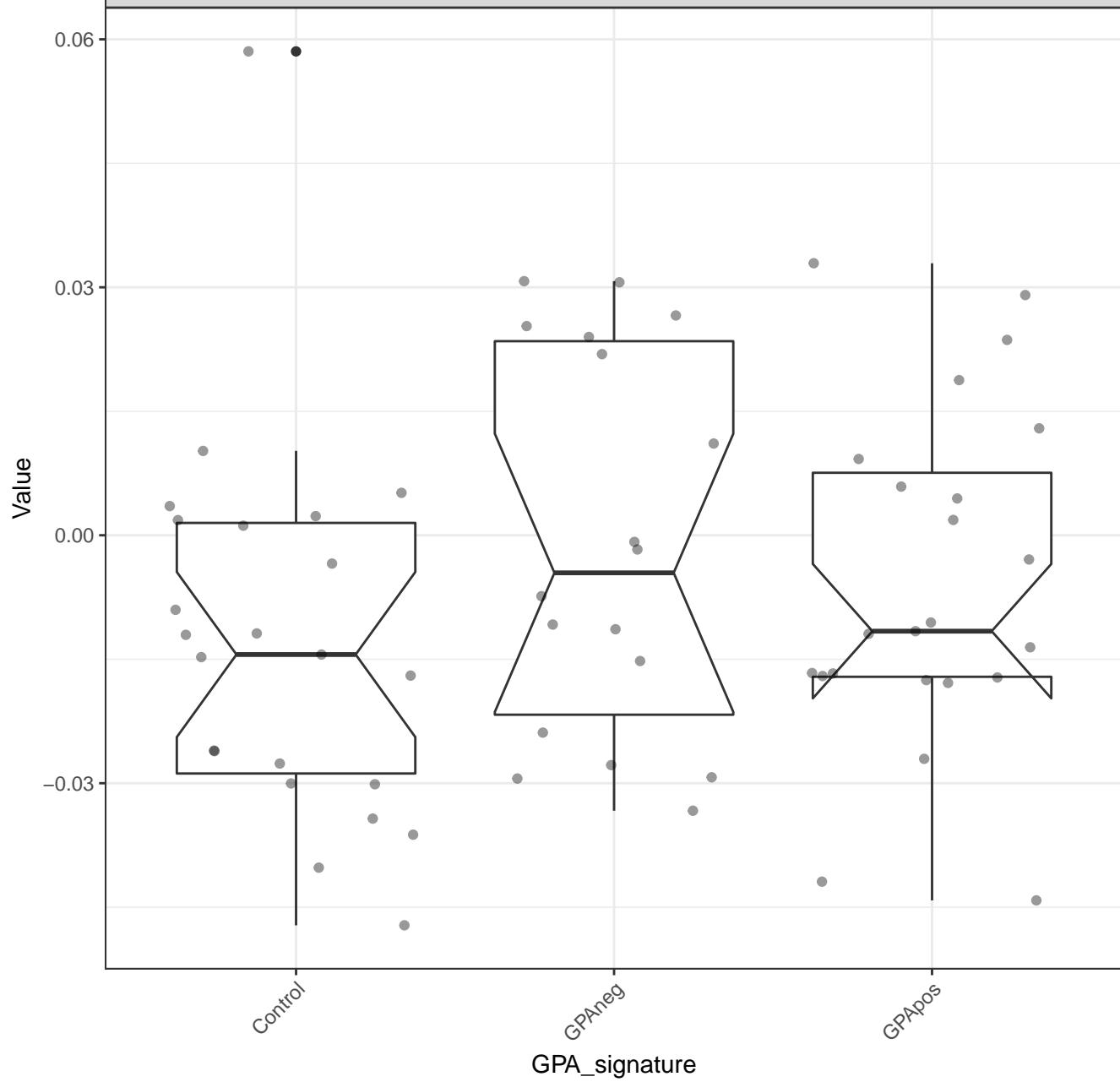
GPApos



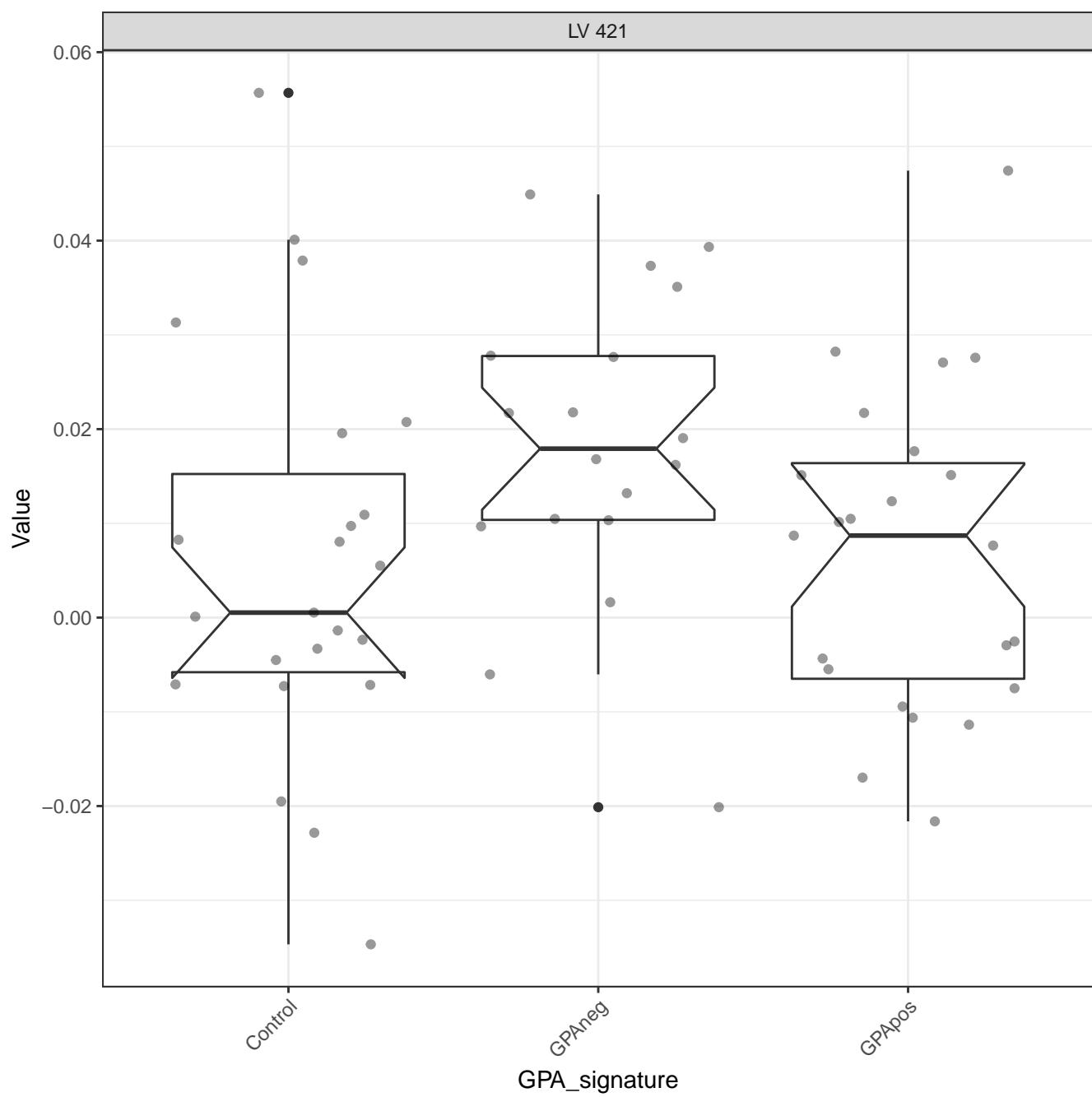
LV 419



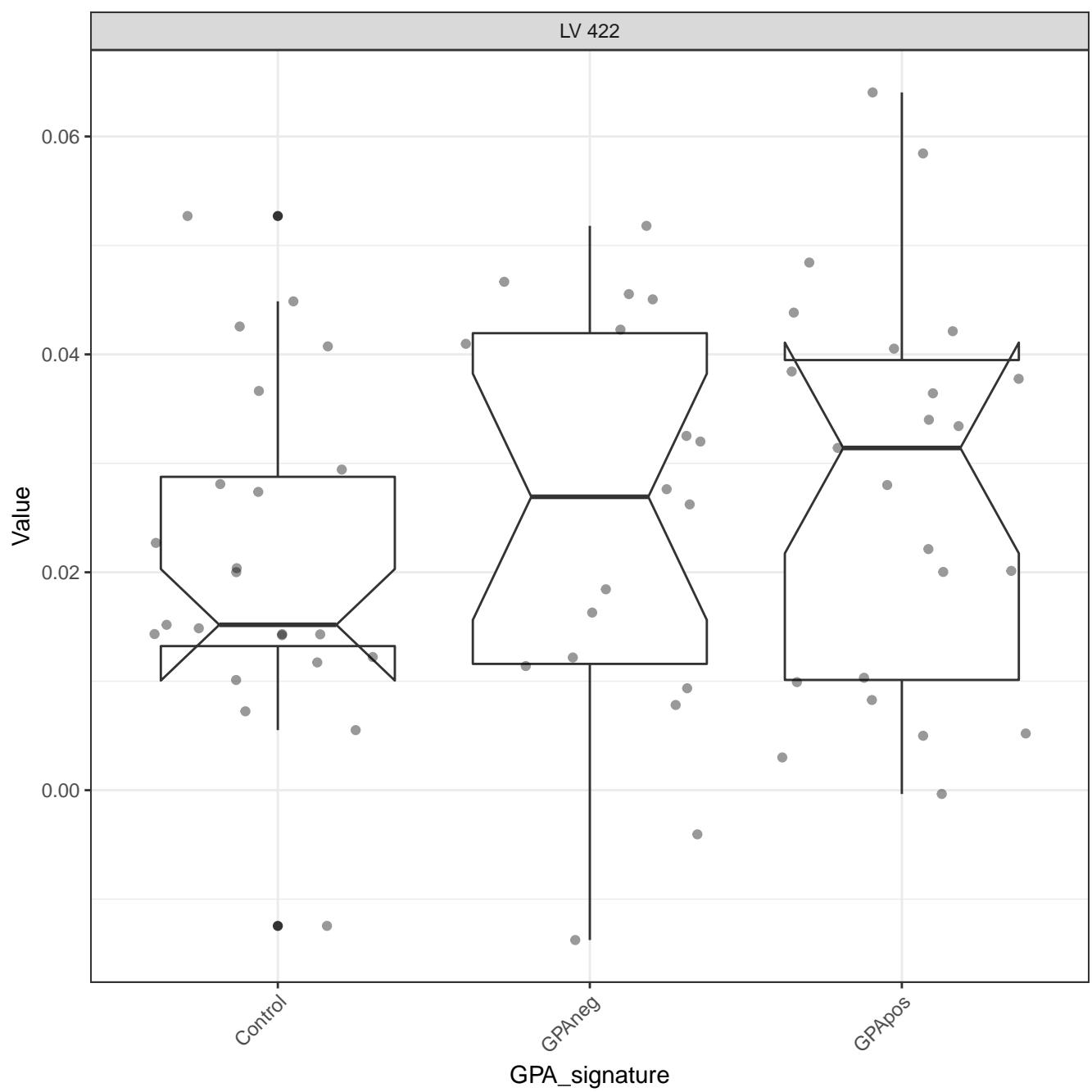
LV 420

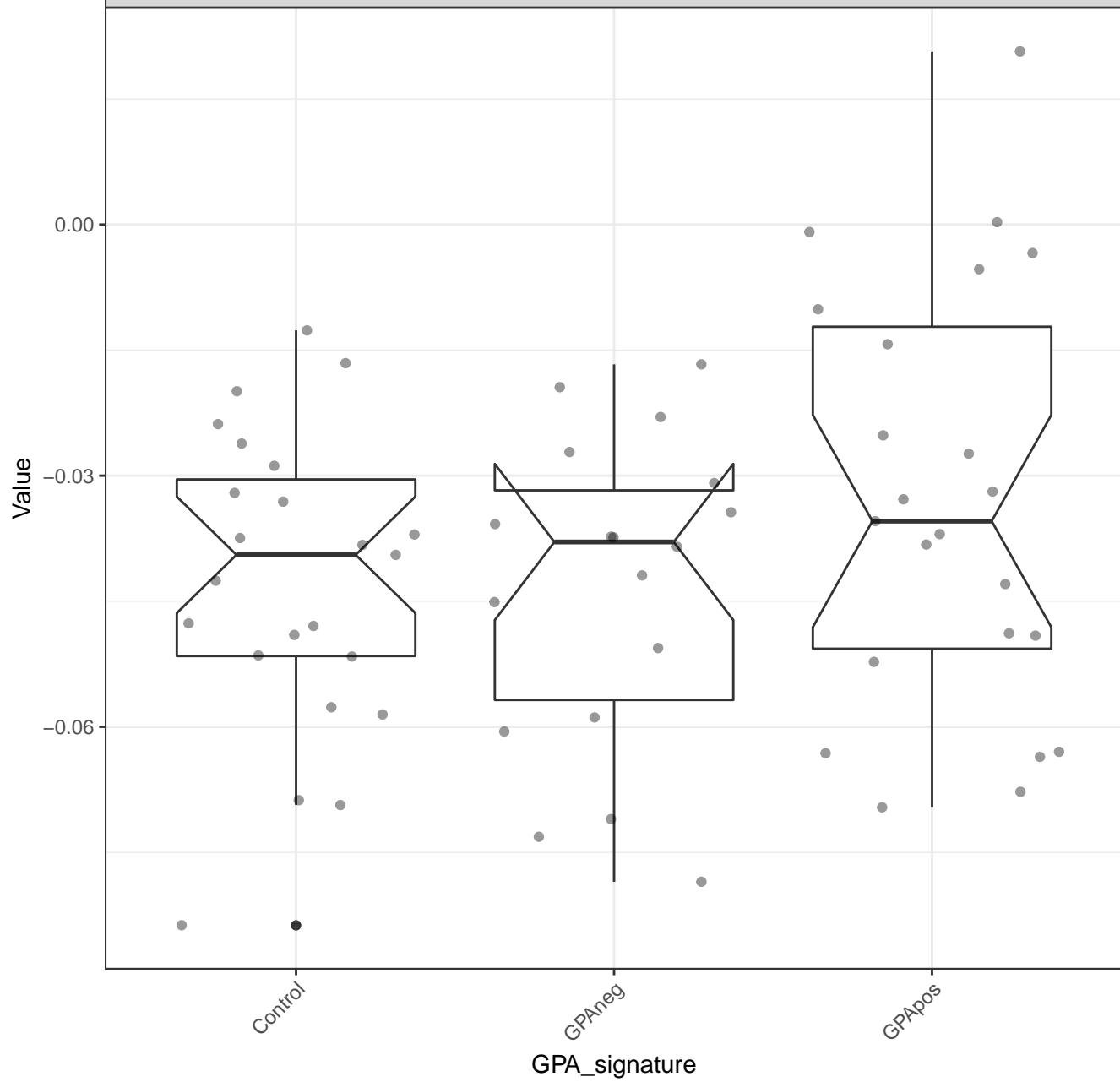


LV 421

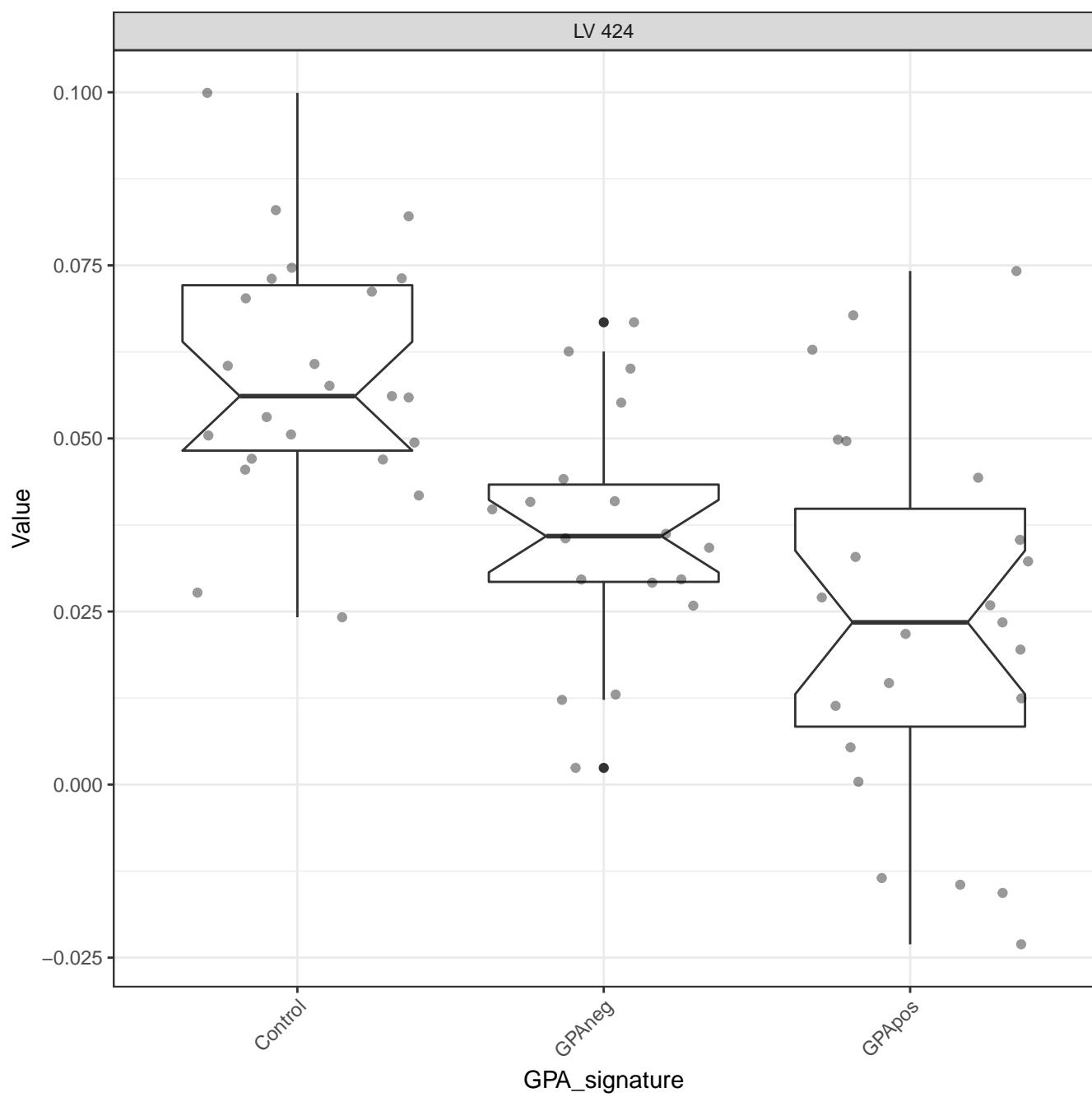


LV 422

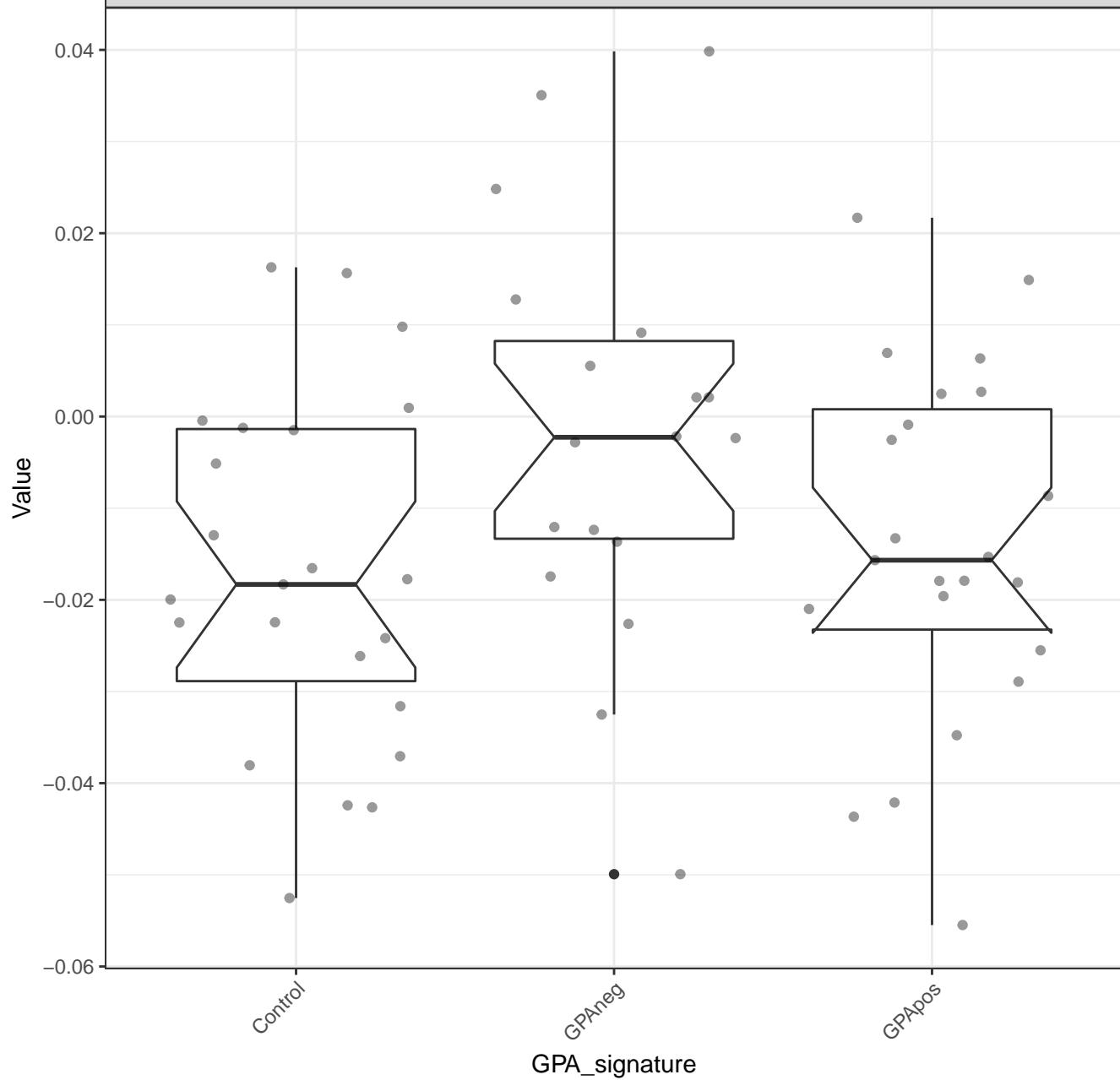




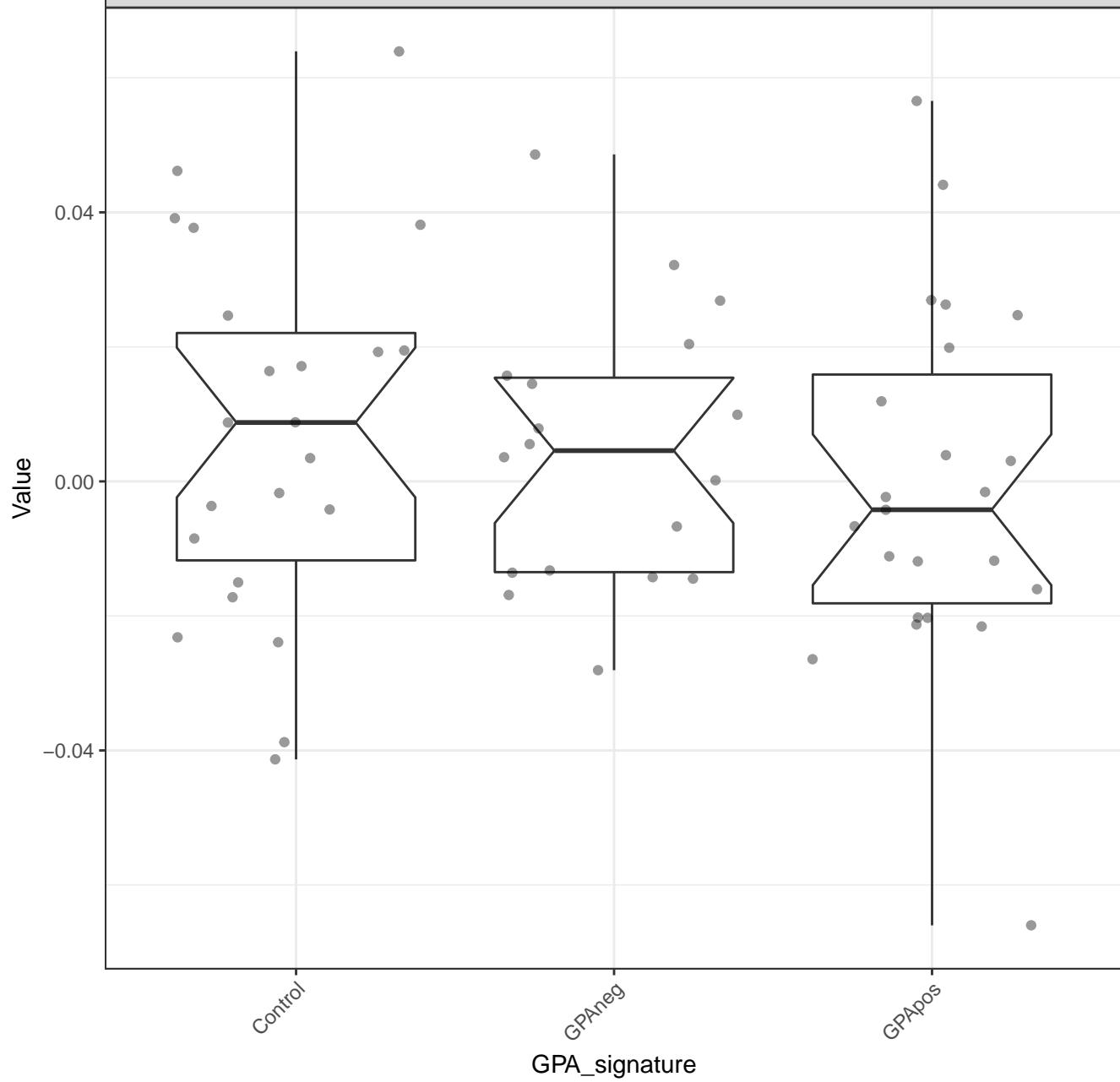
LV 424



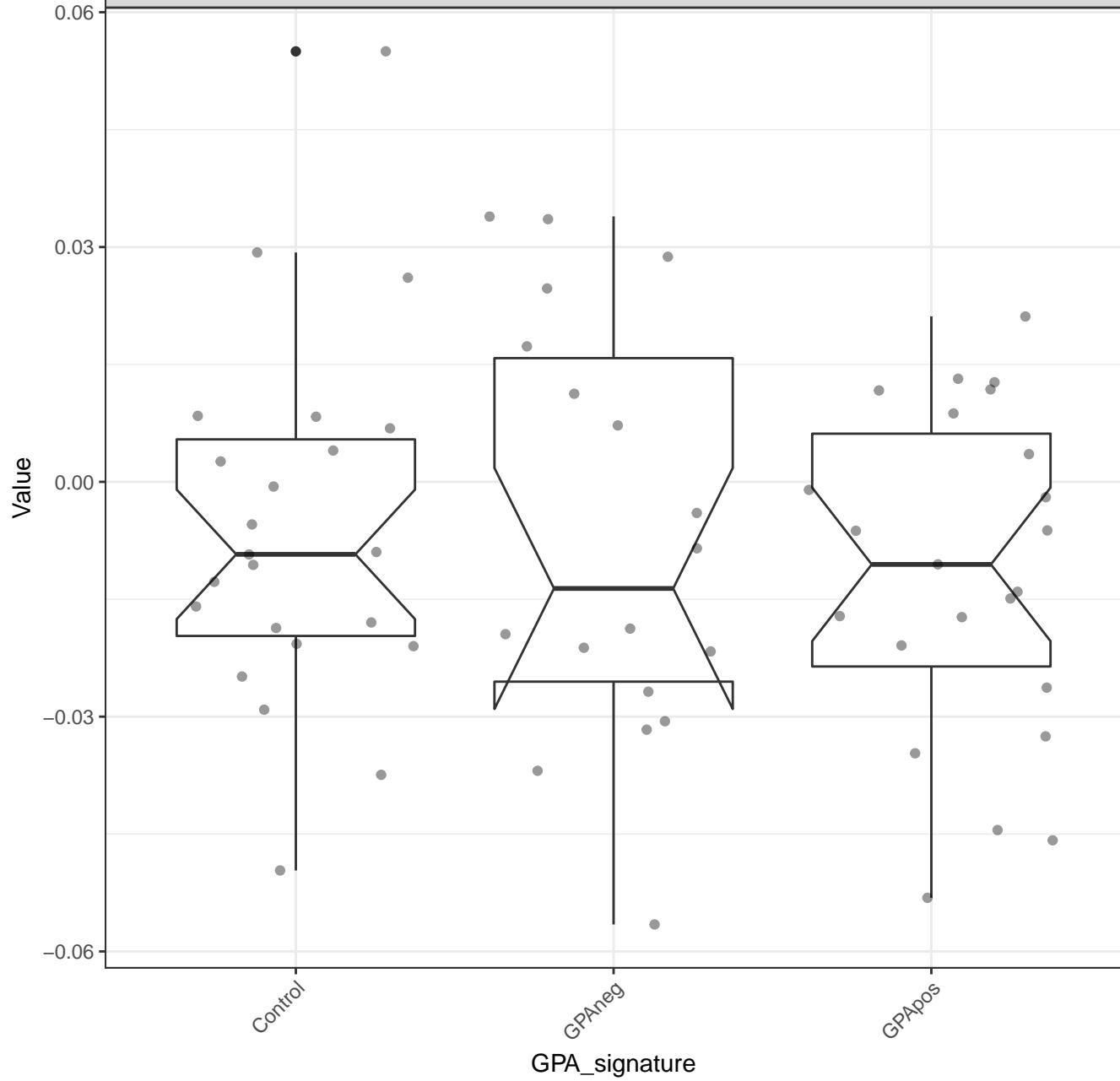
LV 425



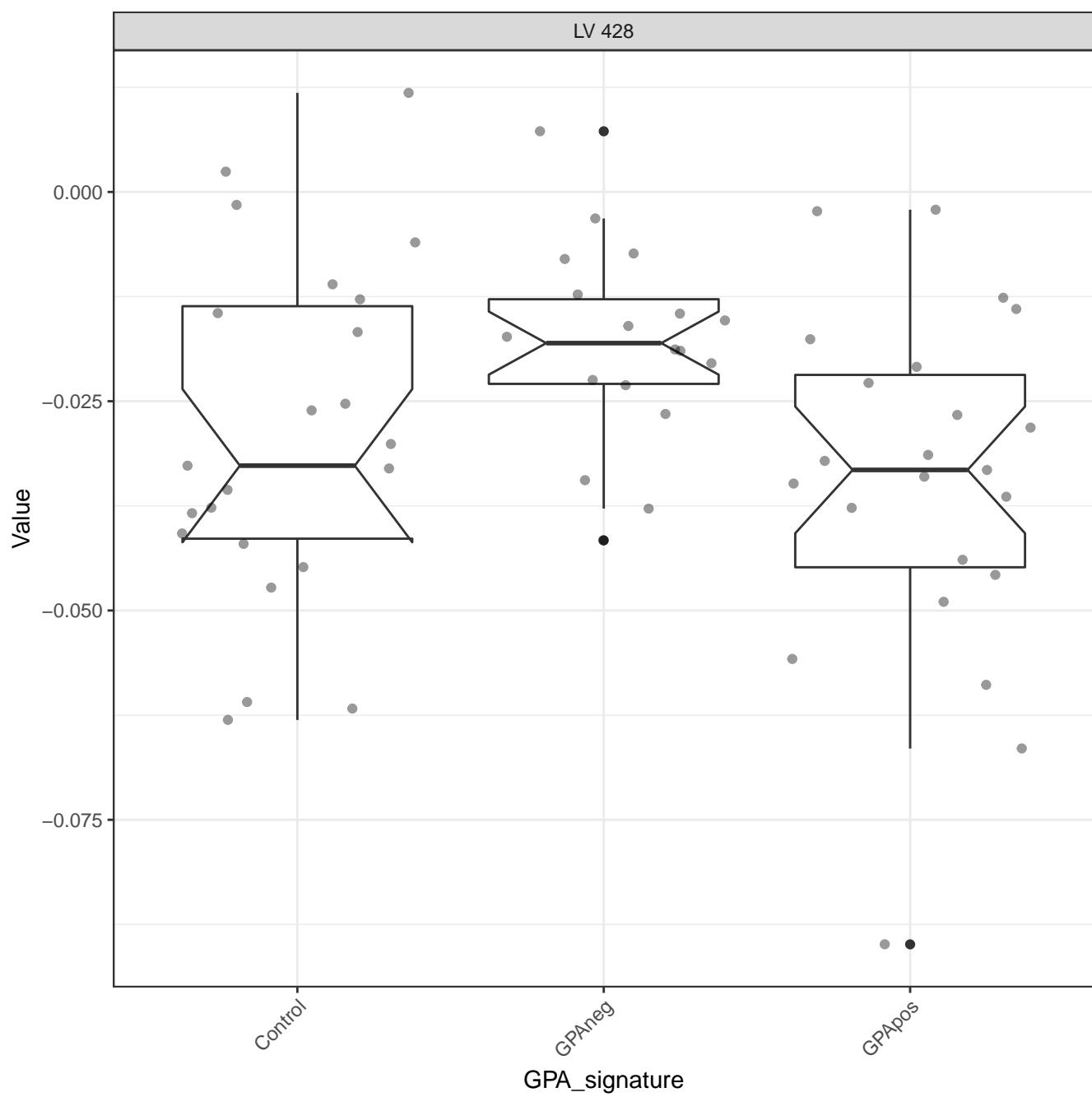
LV 426



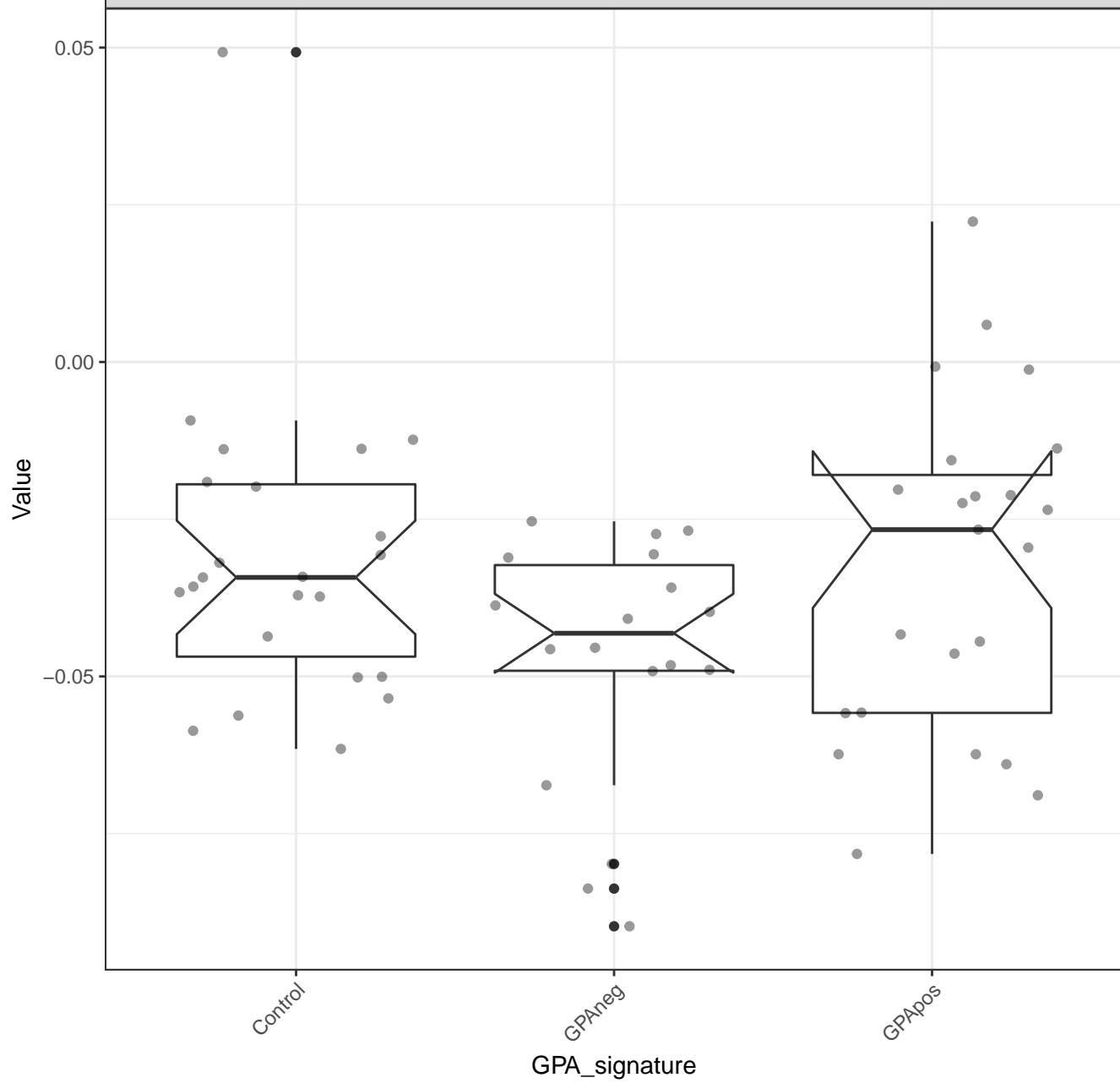
LV 427

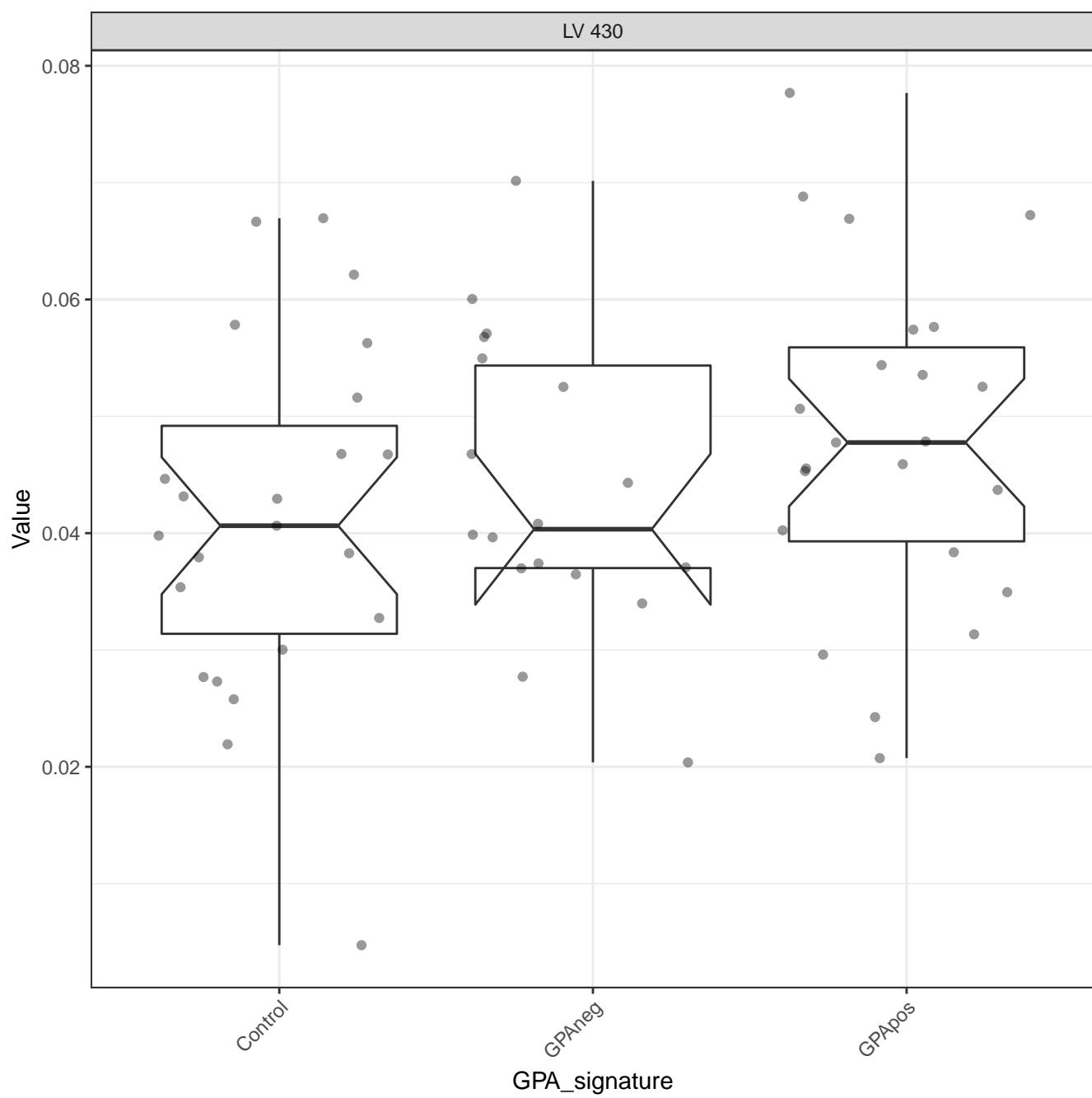


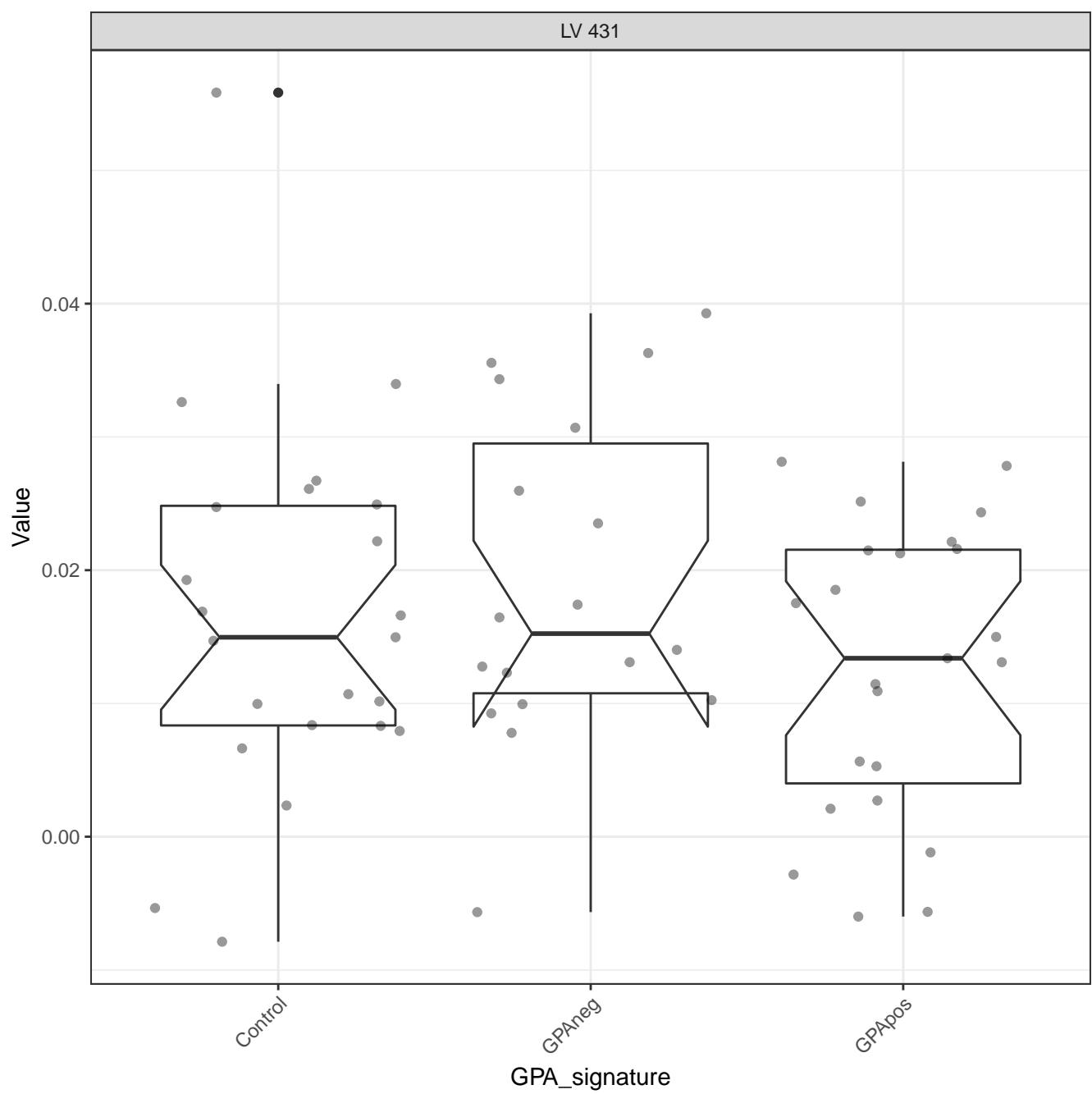
LV 428



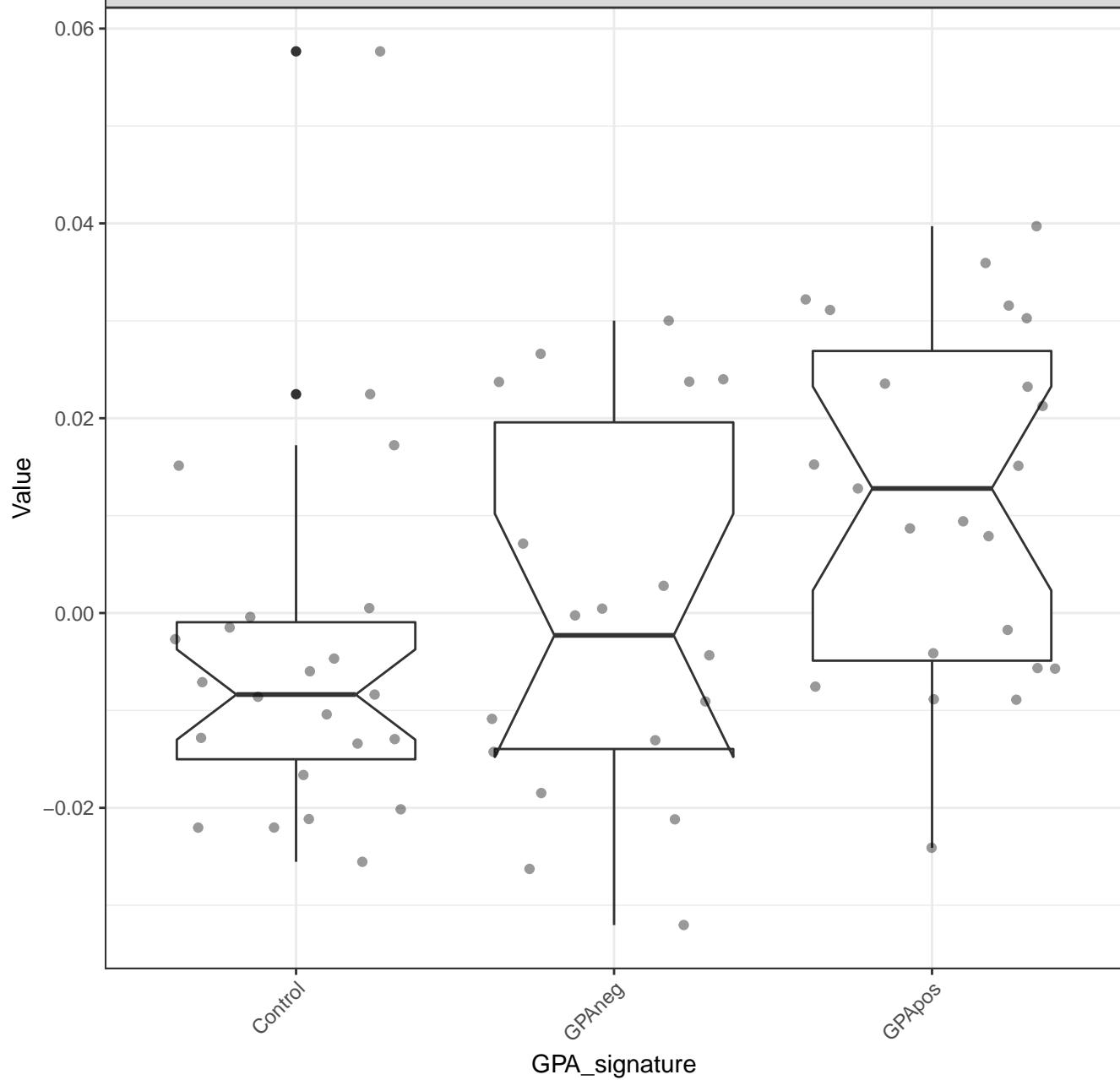
LV 429

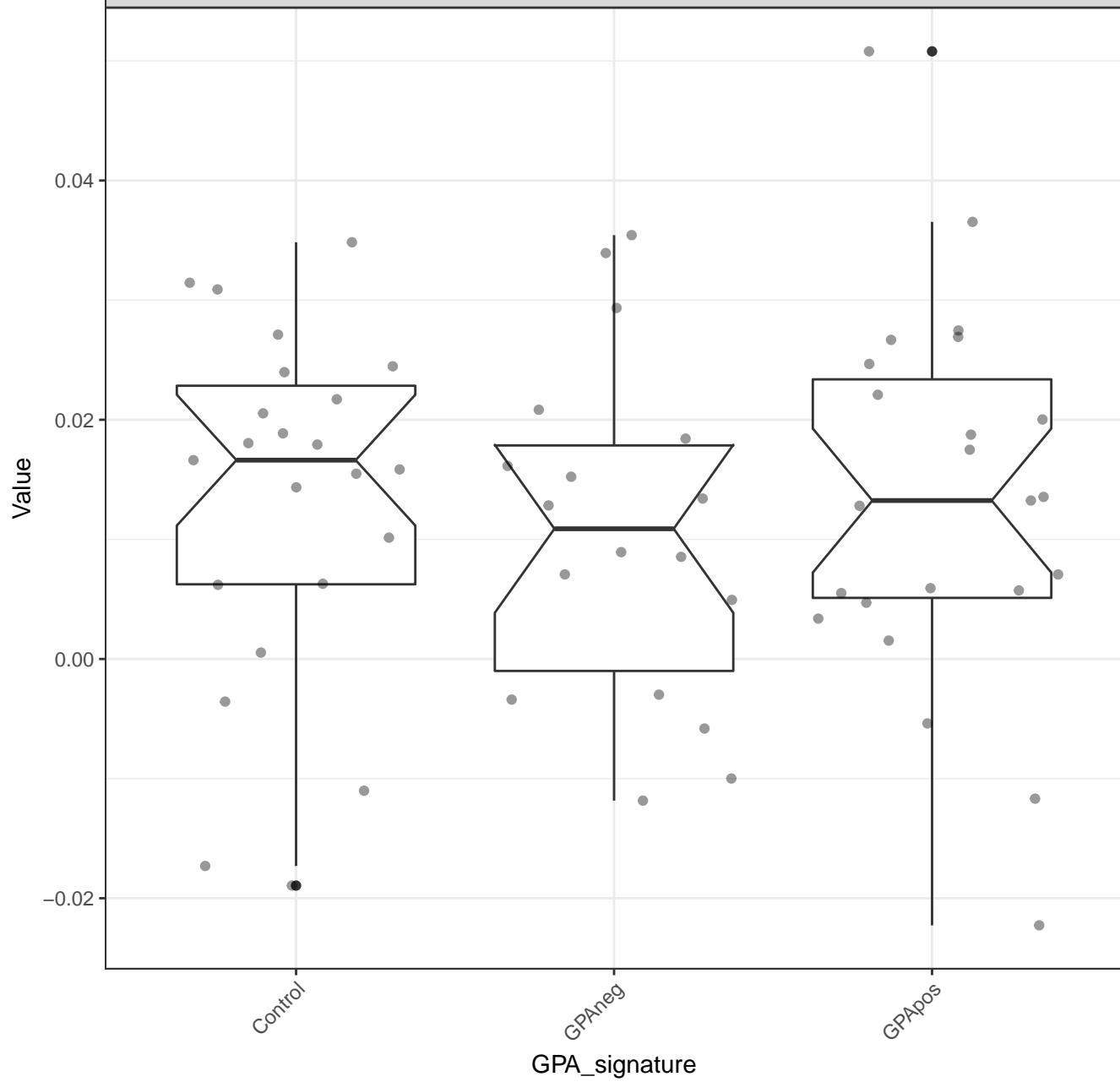






LV 432





LV 434

Value

0.10

0.05

0.00

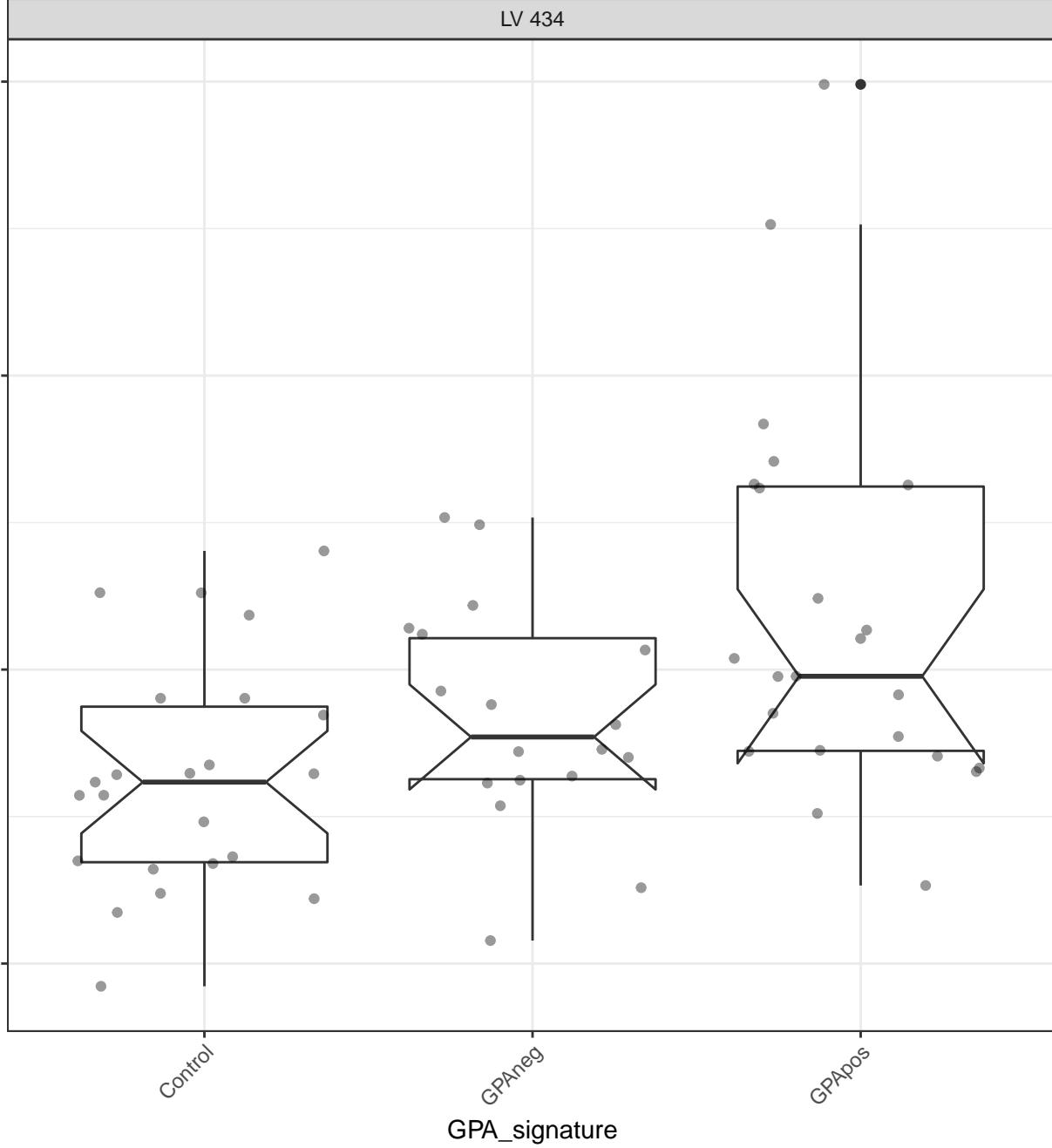
-0.05

Control

GPAneg

GPApos

GPA_signature



LV 435

Value

0.03

0.00

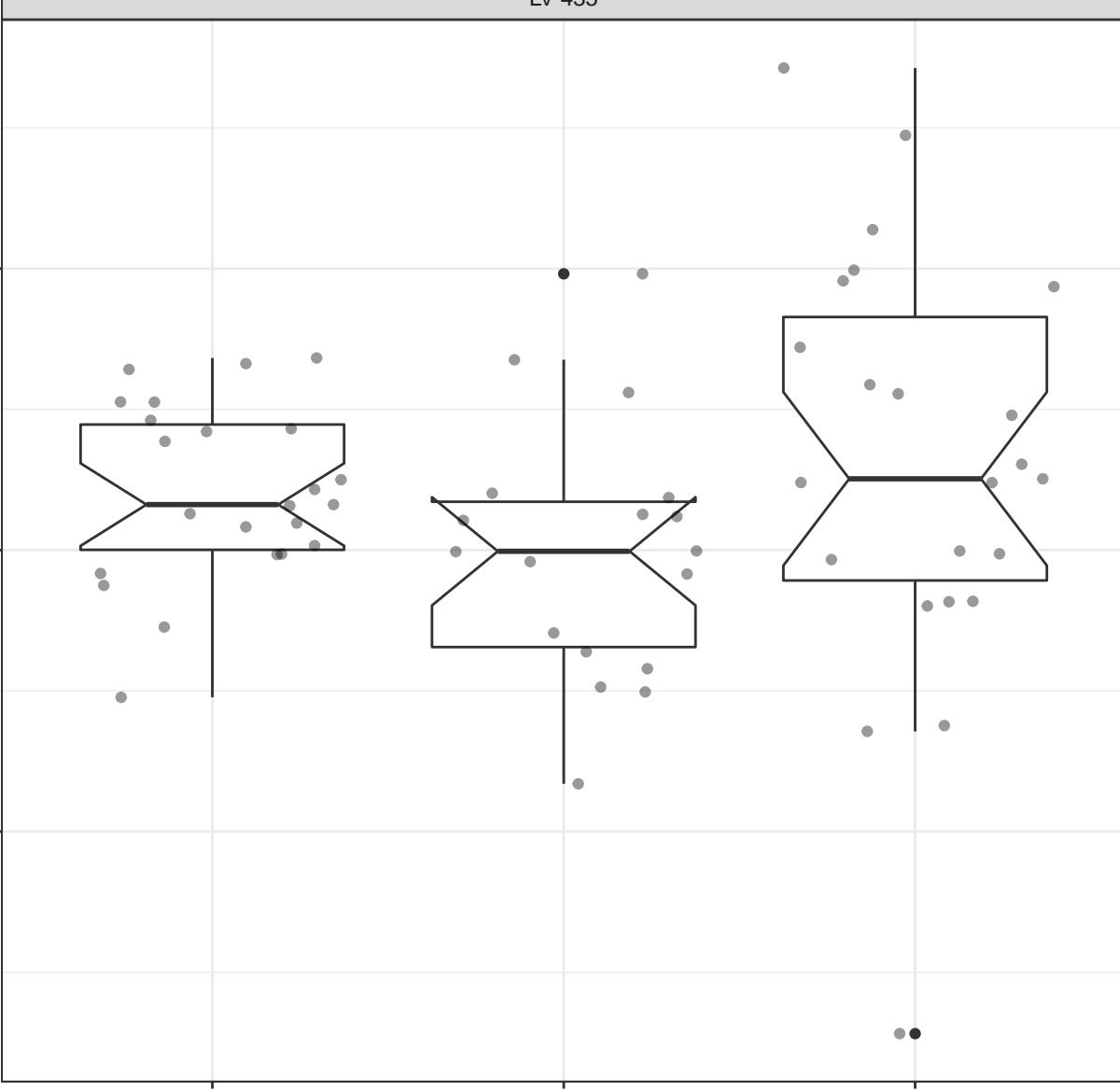
-0.03

Control

GPAneg

GPApos

GPA_signature



LV 436

Value

0.04

0.02

0.00

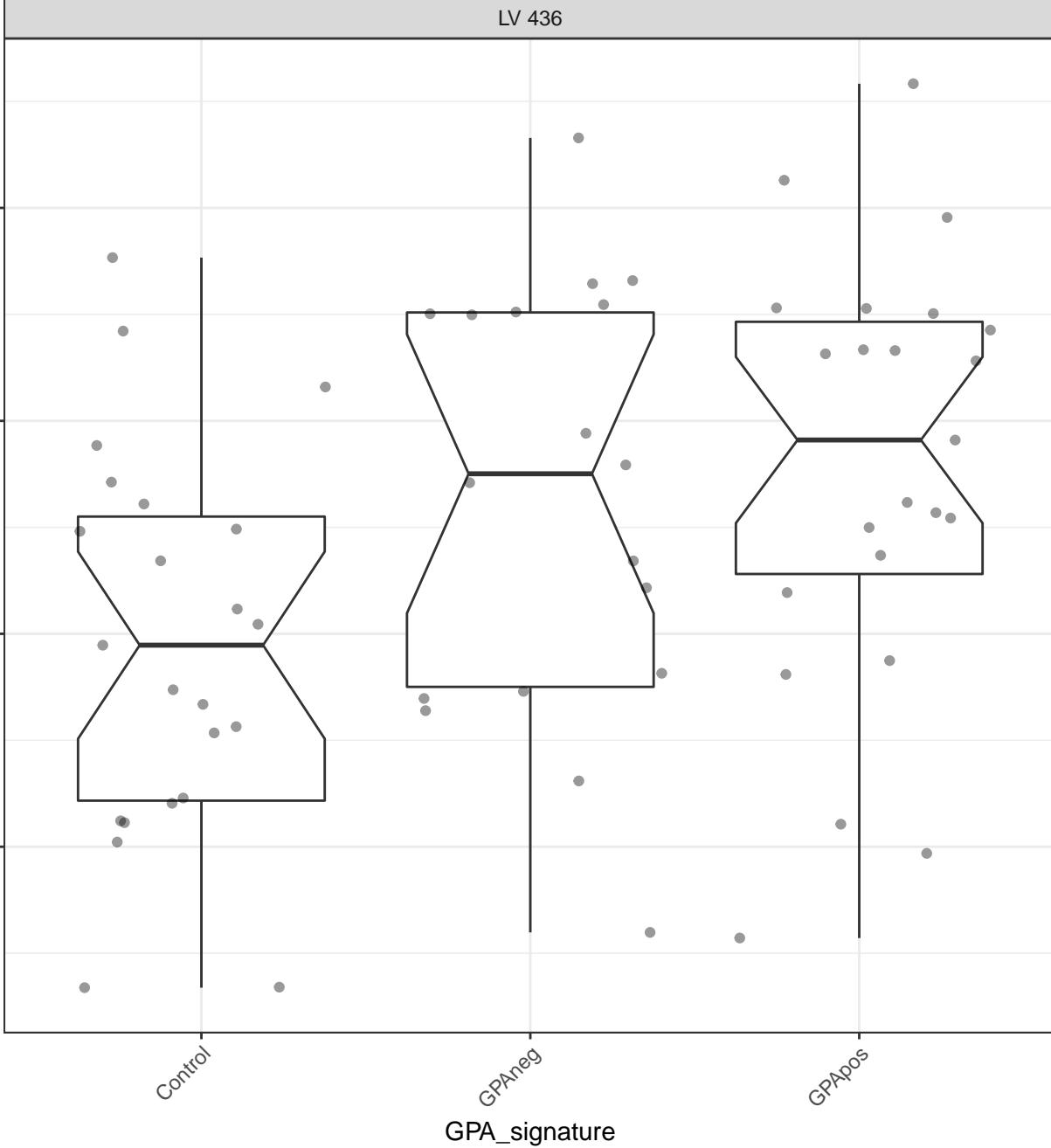
-0.02

Control

GPA_signature

GPAneg

GPAPos



LV 437

Value

0.025

0.000

-0.025

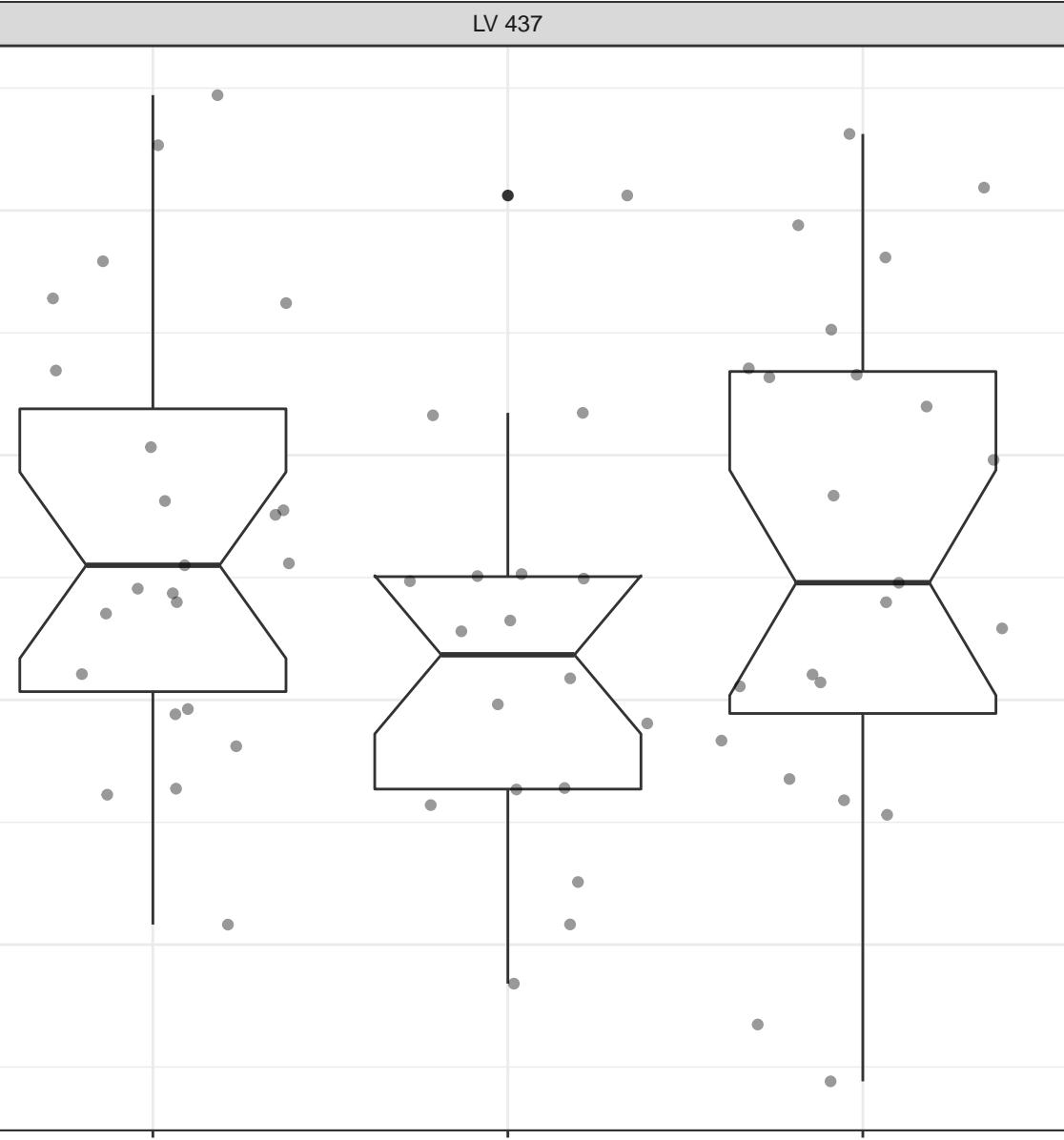
-0.050

Control

GPA_signature

GPAneg

GPAPos



LV 438

Value

0.00

-0.05

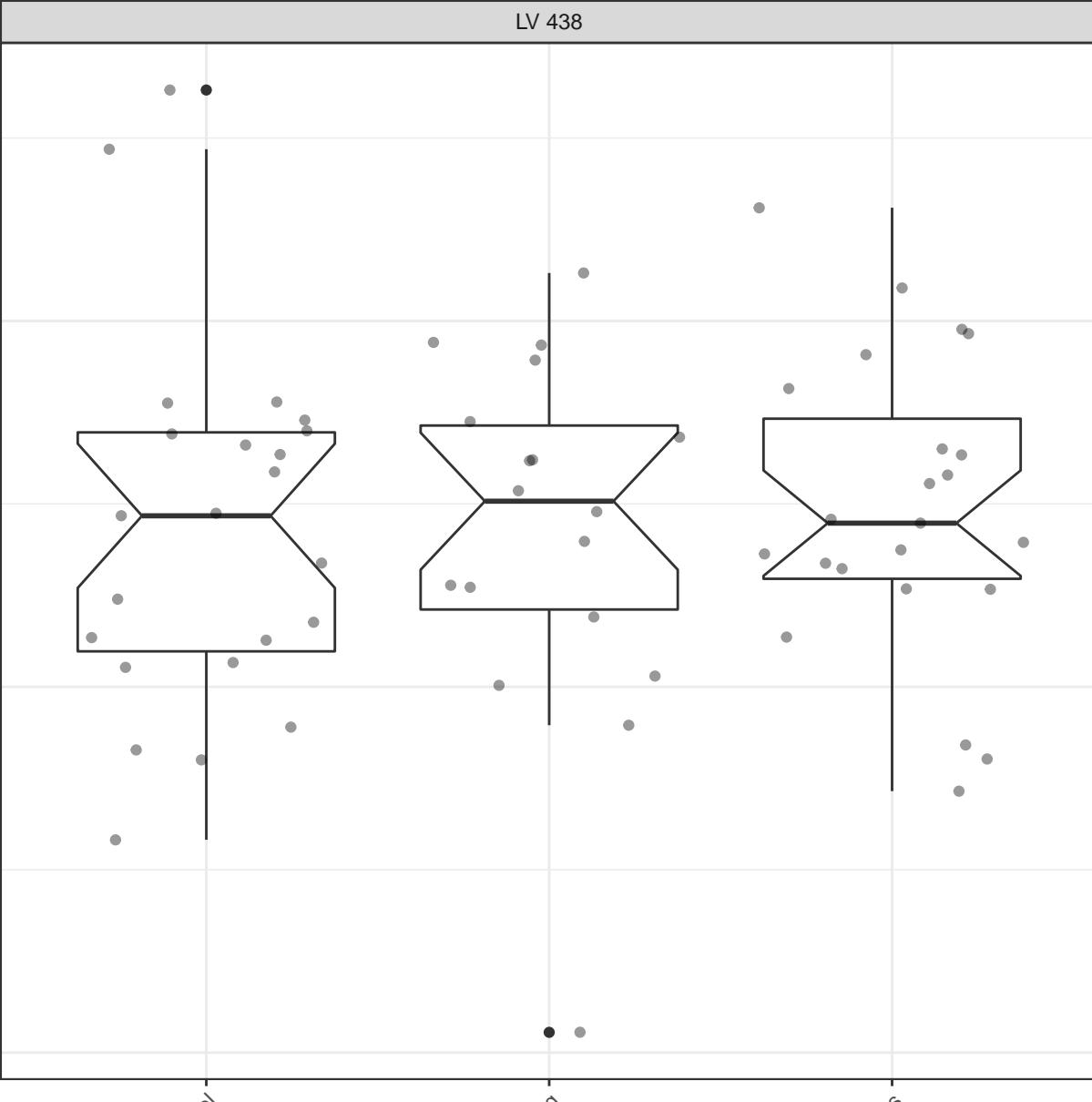
-0.10

Control

GPA_signature

GPAneg

GPAPos



LV 439

Value

0.100

0.075

0.050

0.025

0.000

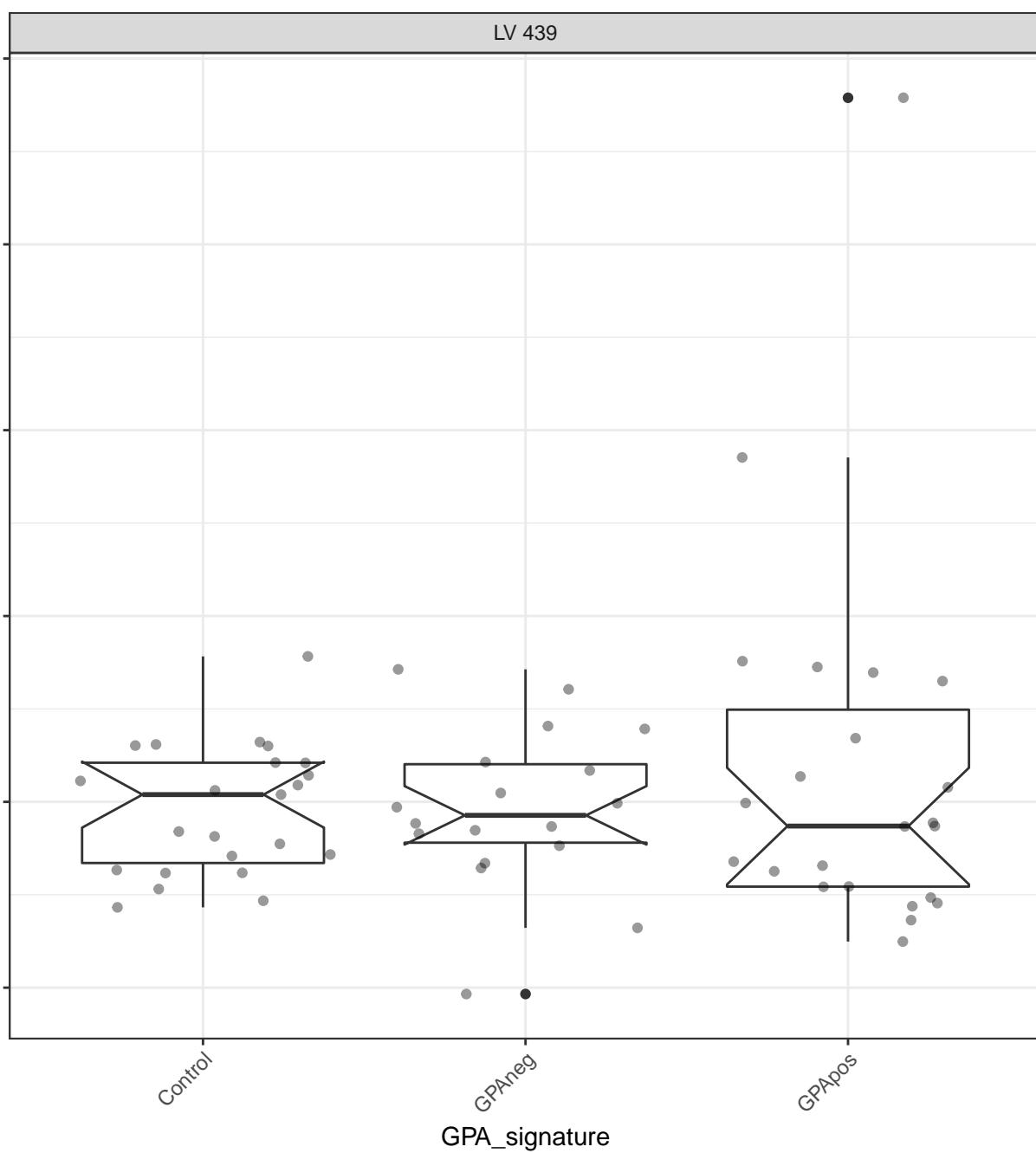
-0.025

Control

GPAneg

GPAPos

GPA_signature



LV 440

Value

0.050

0.025

0.000

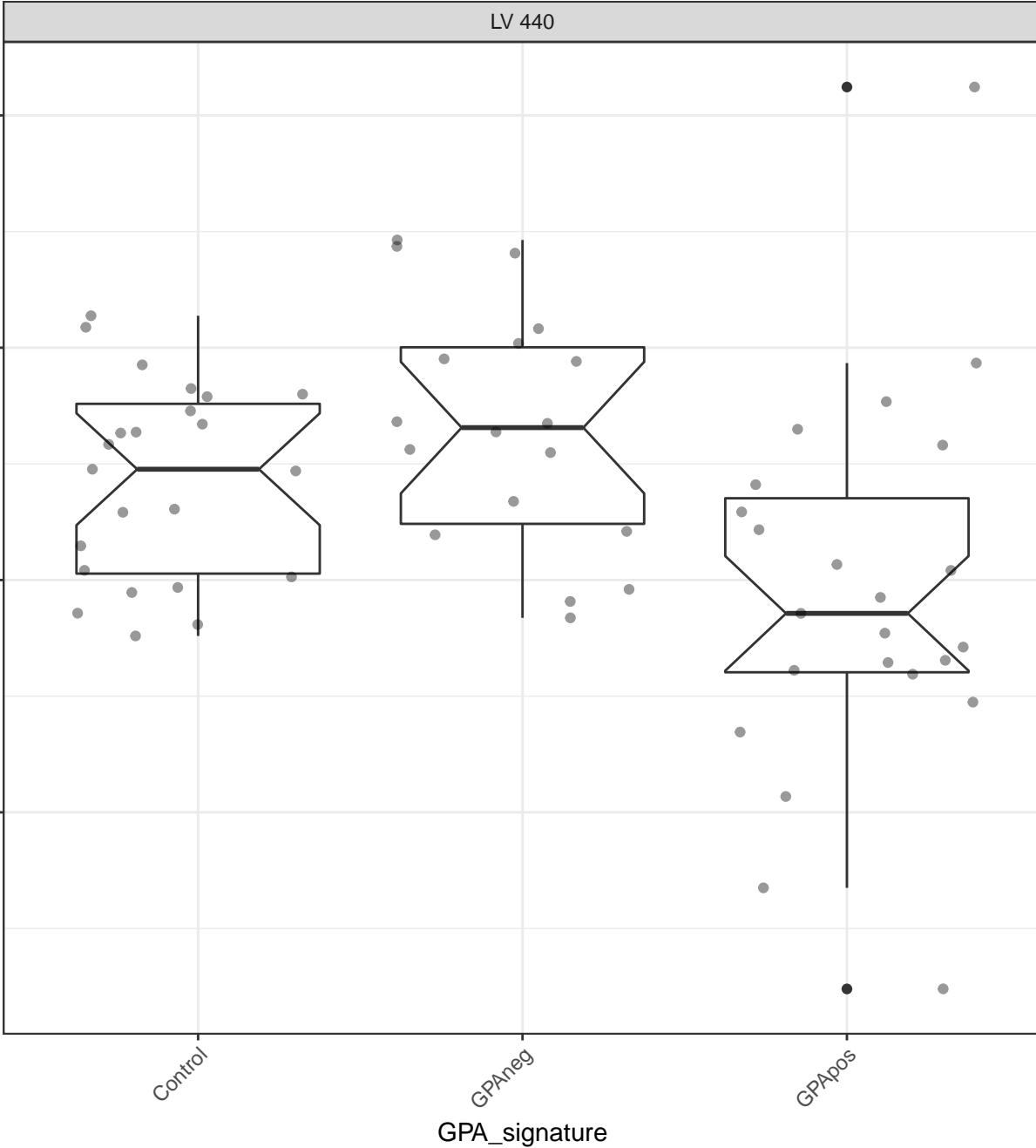
-0.025

Control

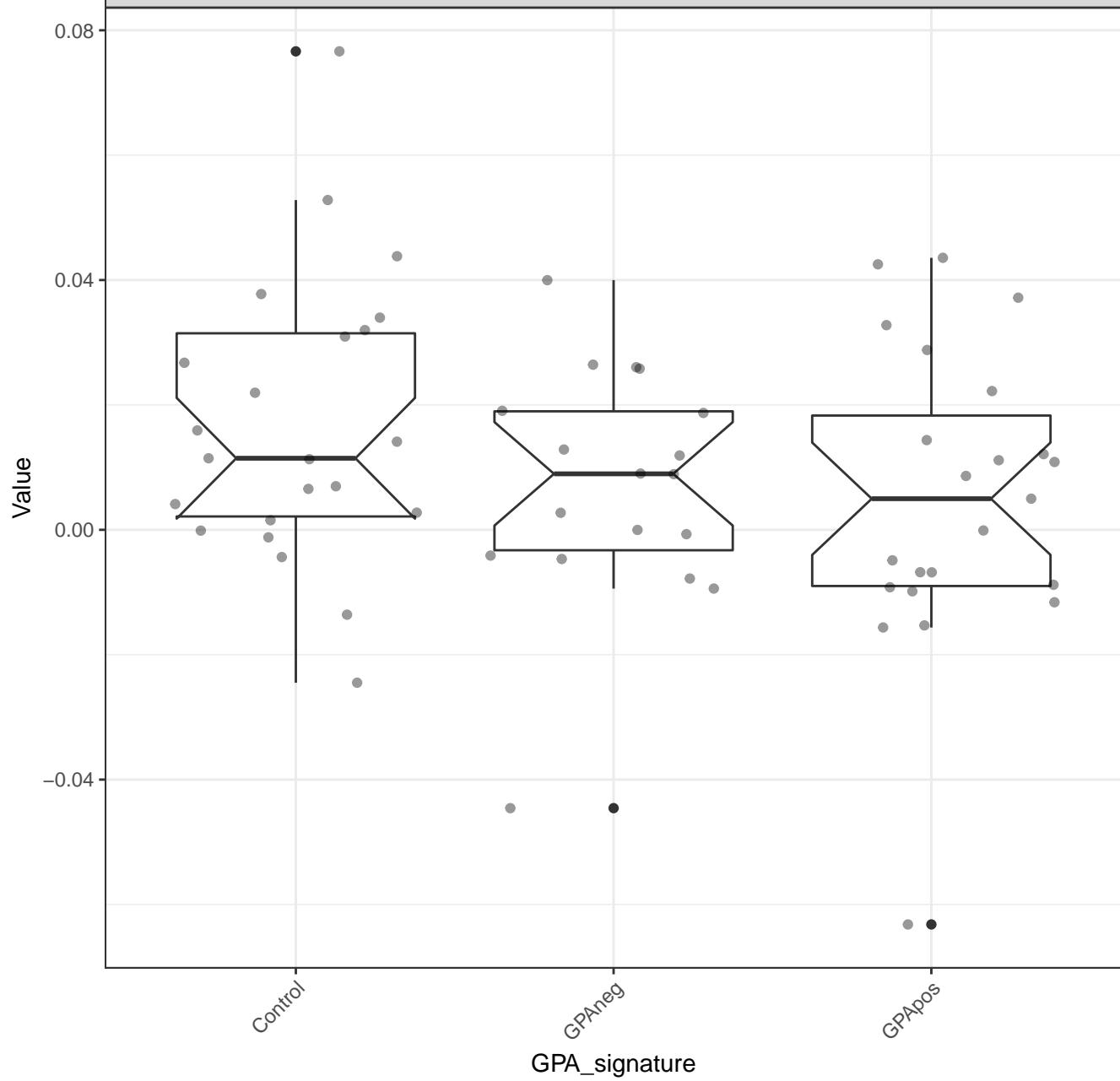
GPAneg

GPAPos

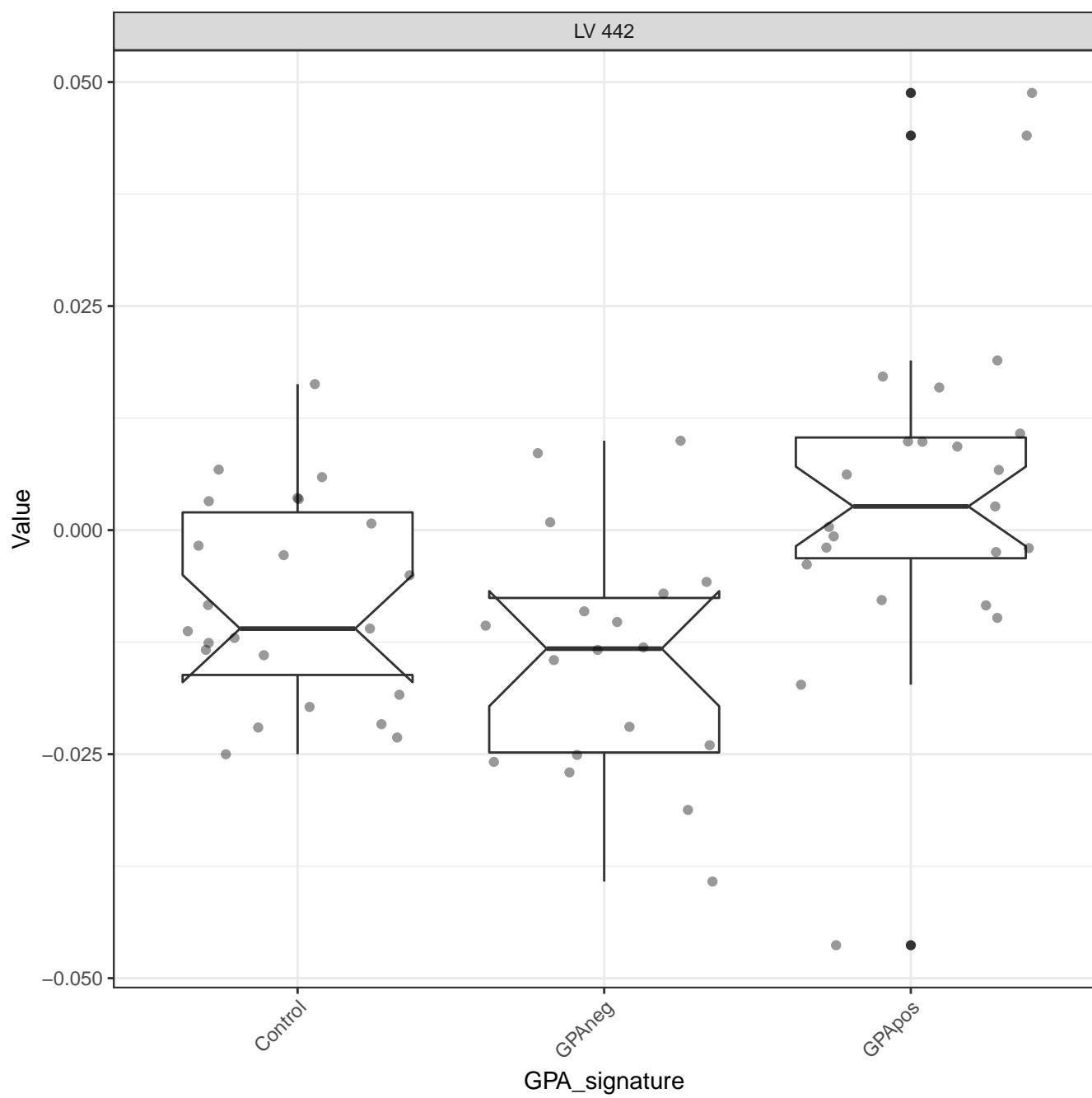
GPA_signature



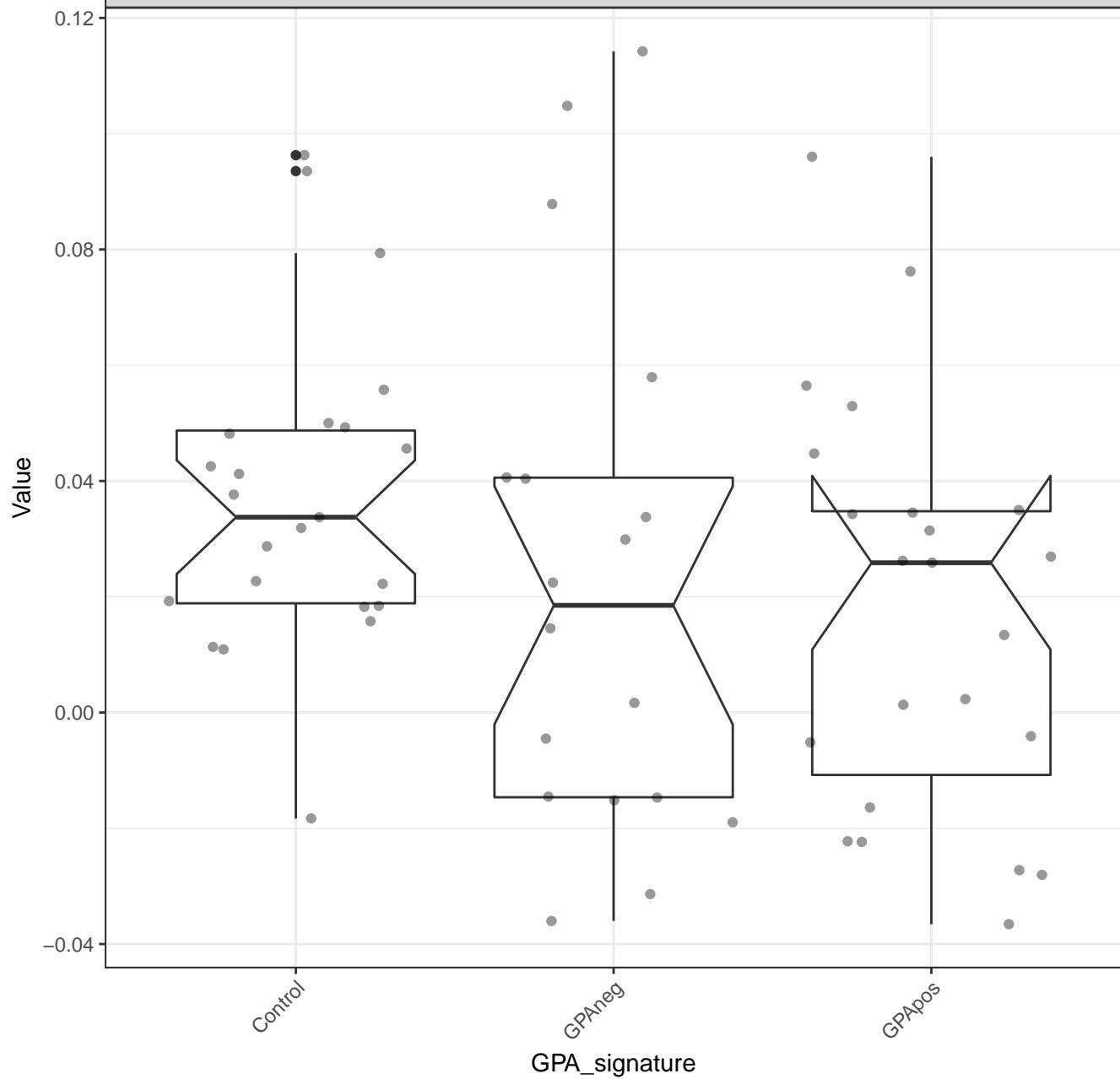
LV 441



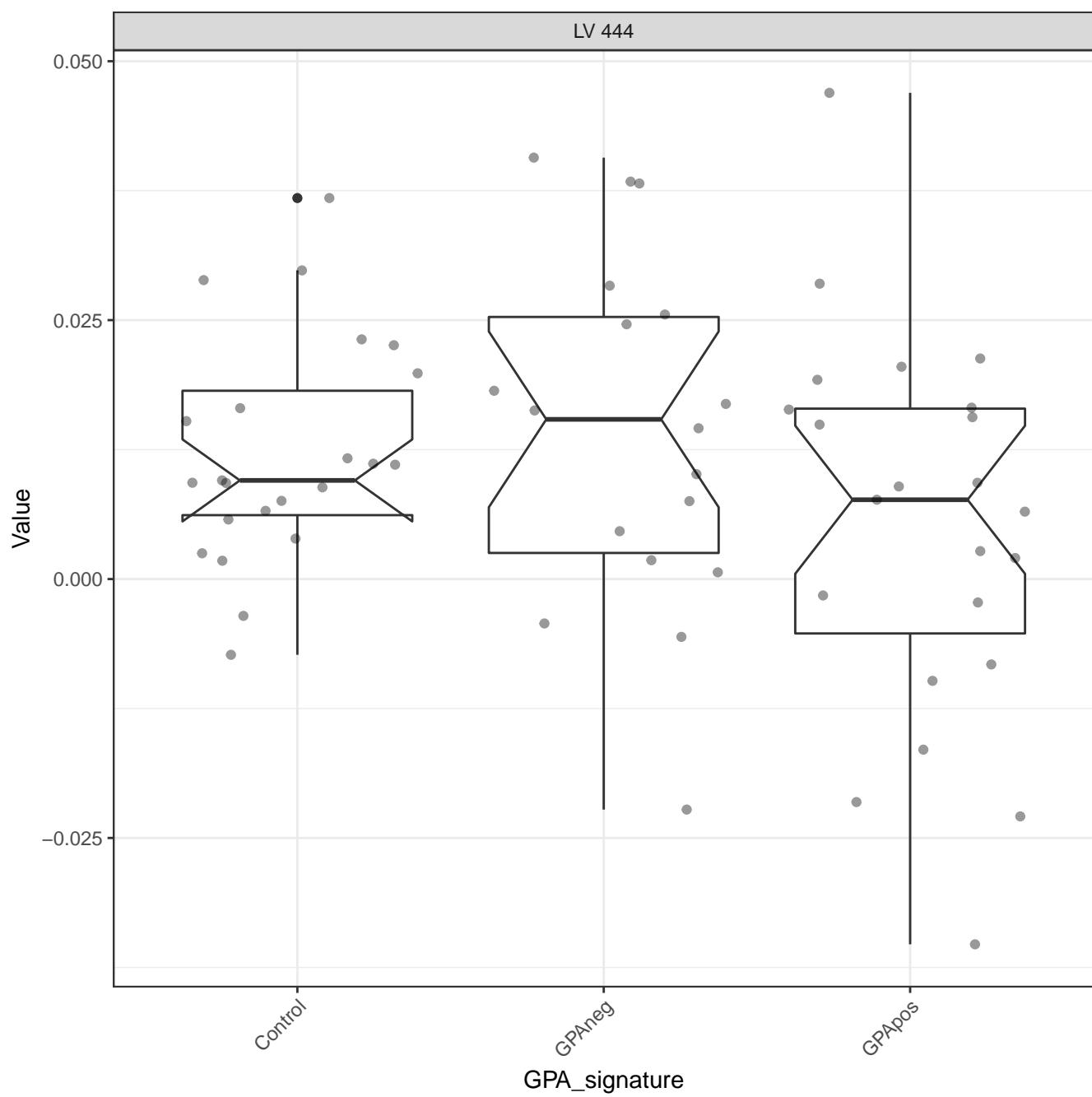
LV 442



443,DMAP_NKA2



LV 444



LV 445

Value

0.06

0.04

0.02

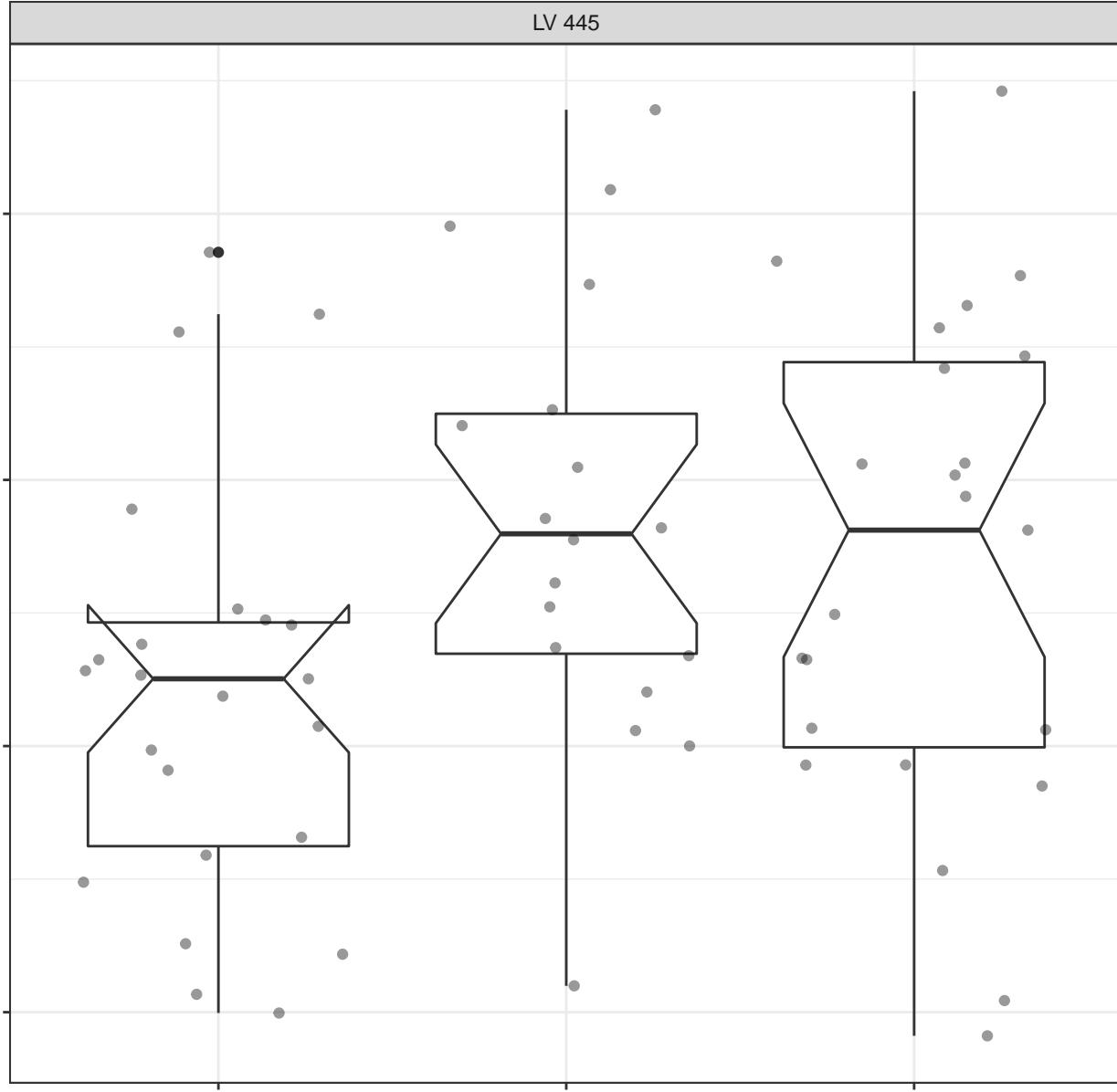
0.00

Control

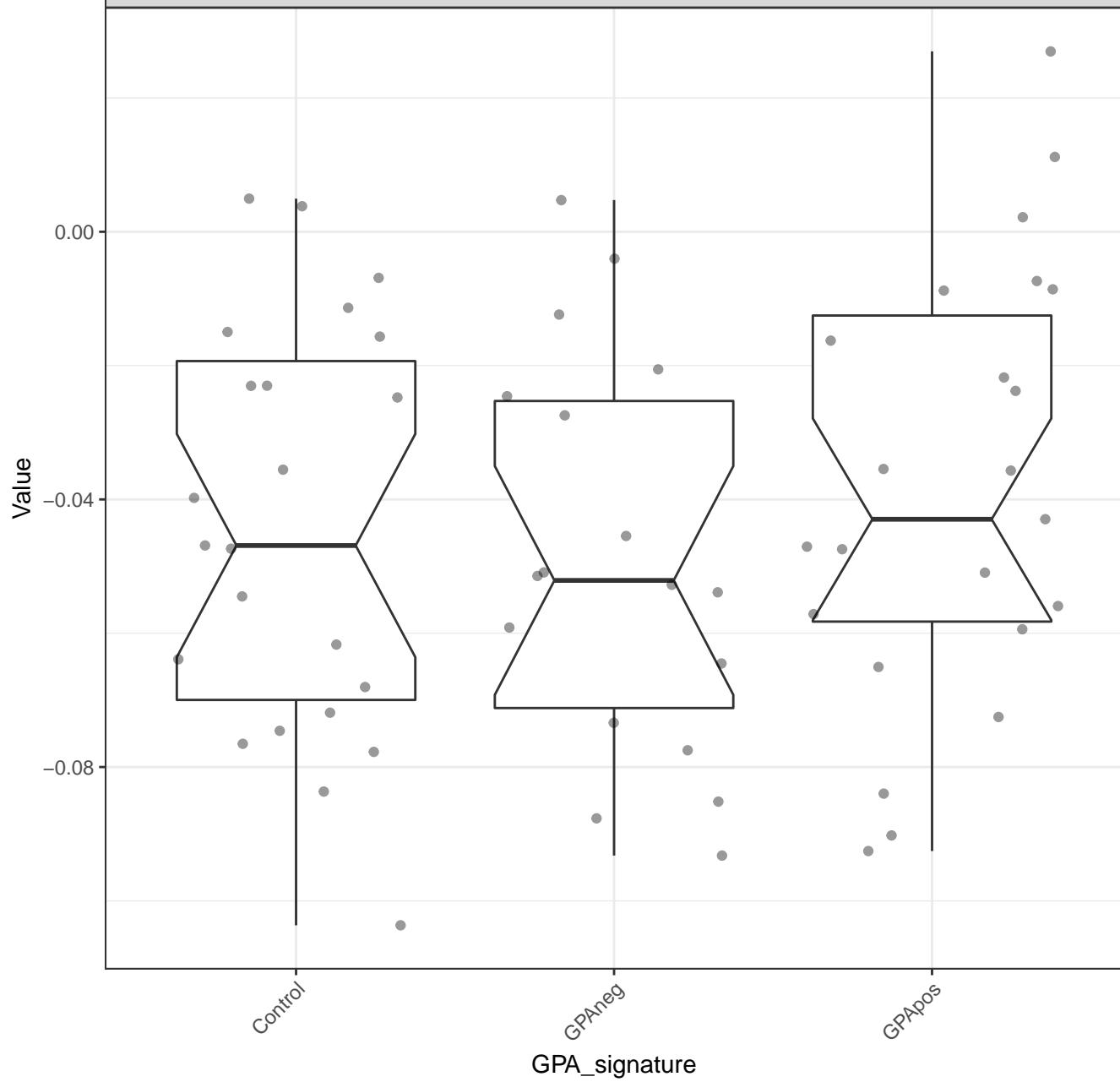
GPA_signature

GPAneg

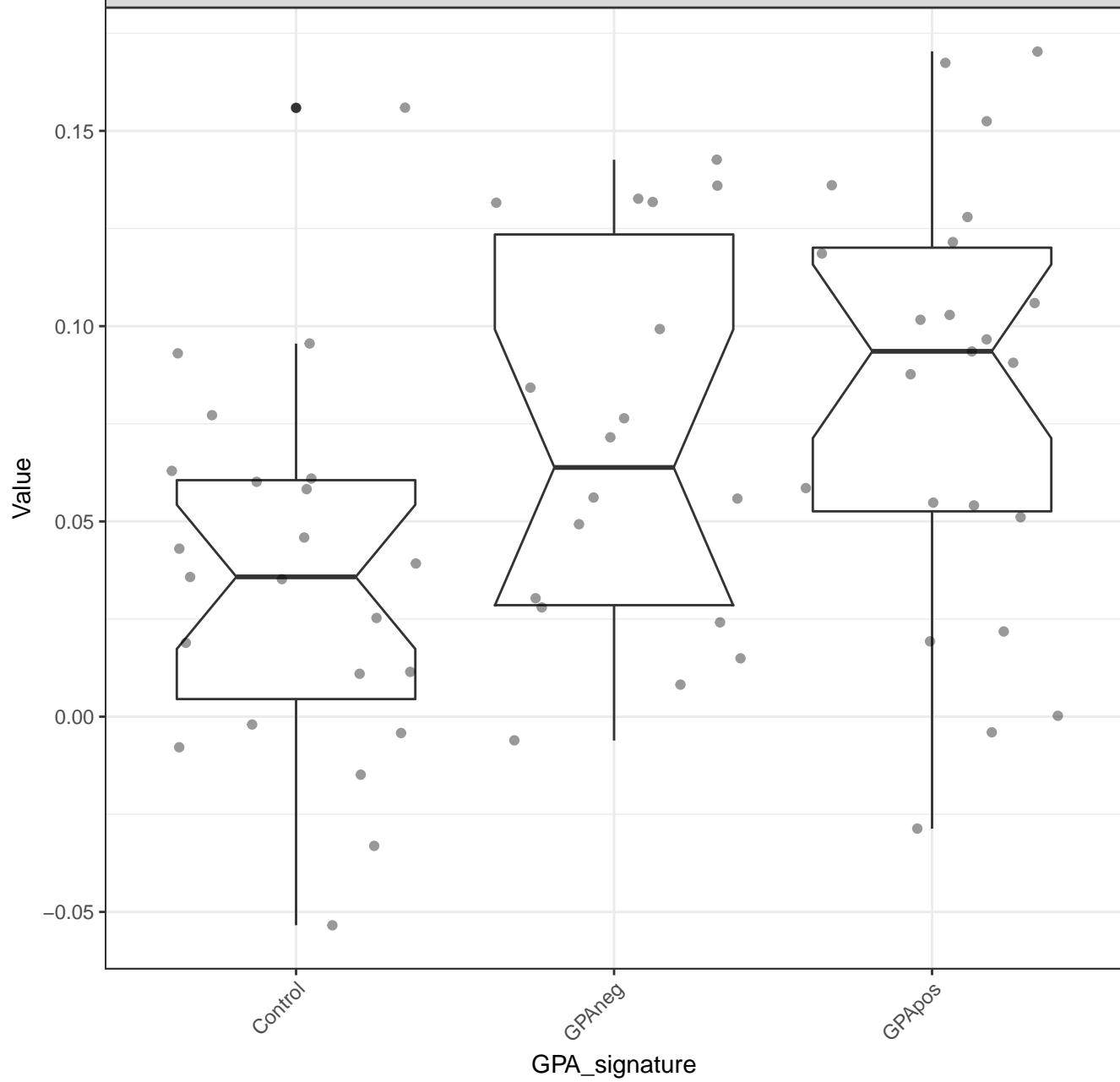
GPApos



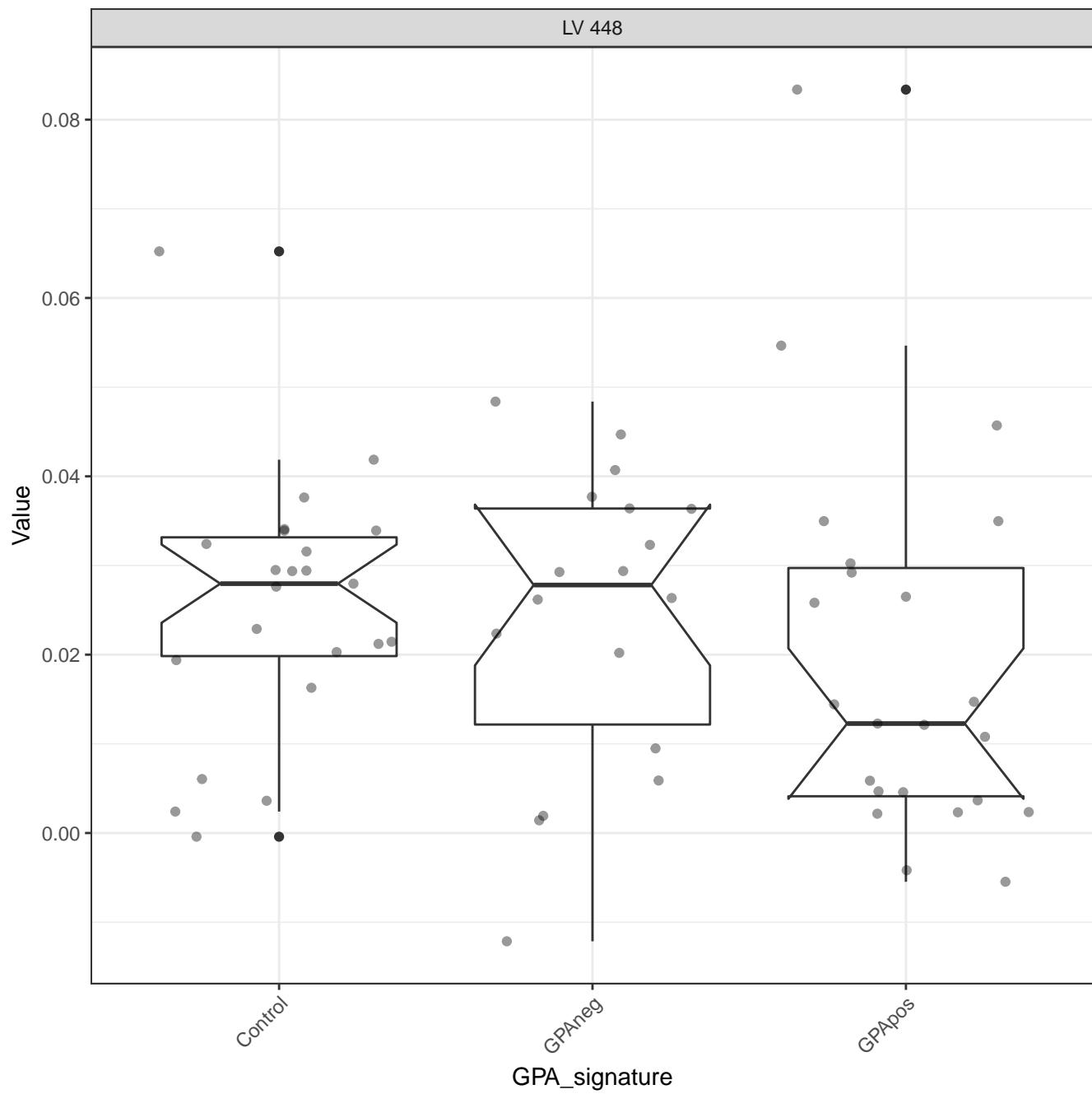
LV 446



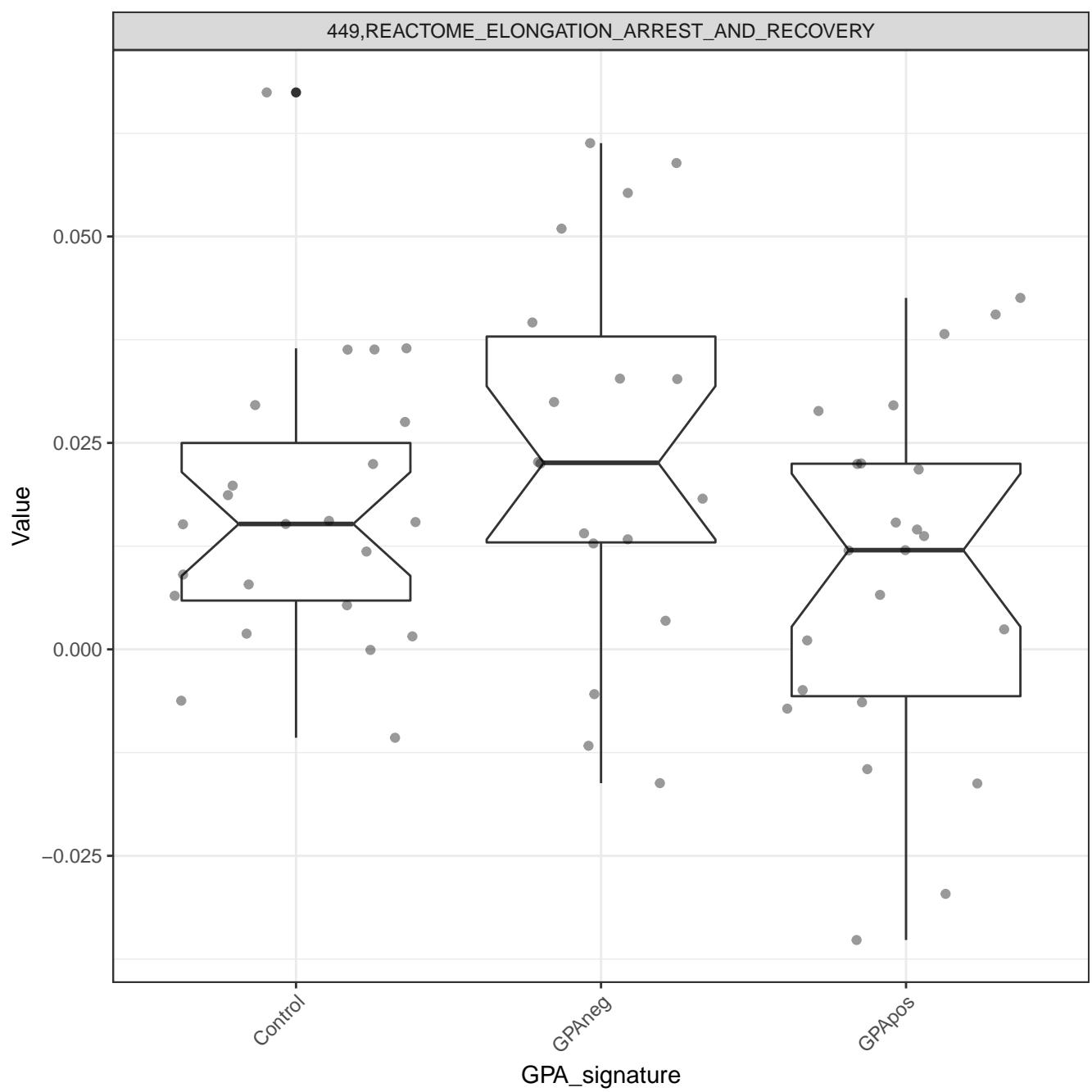
447,KEGG_LYSOSOME



LV 448



449,REACTOME_ELONGATION_ARREST_AND_RECOVERY



LV 450

Value

0.05

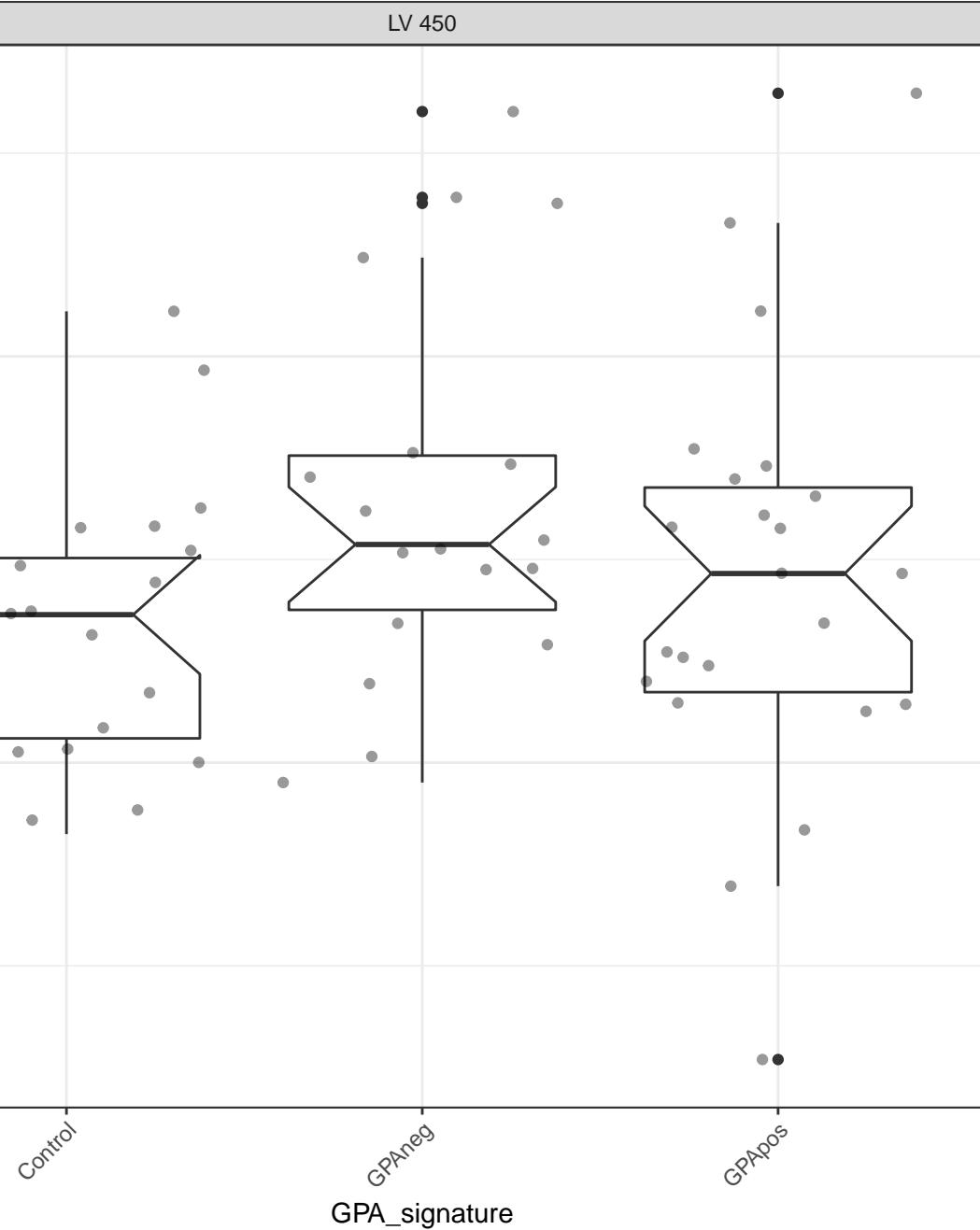
0.00

Control

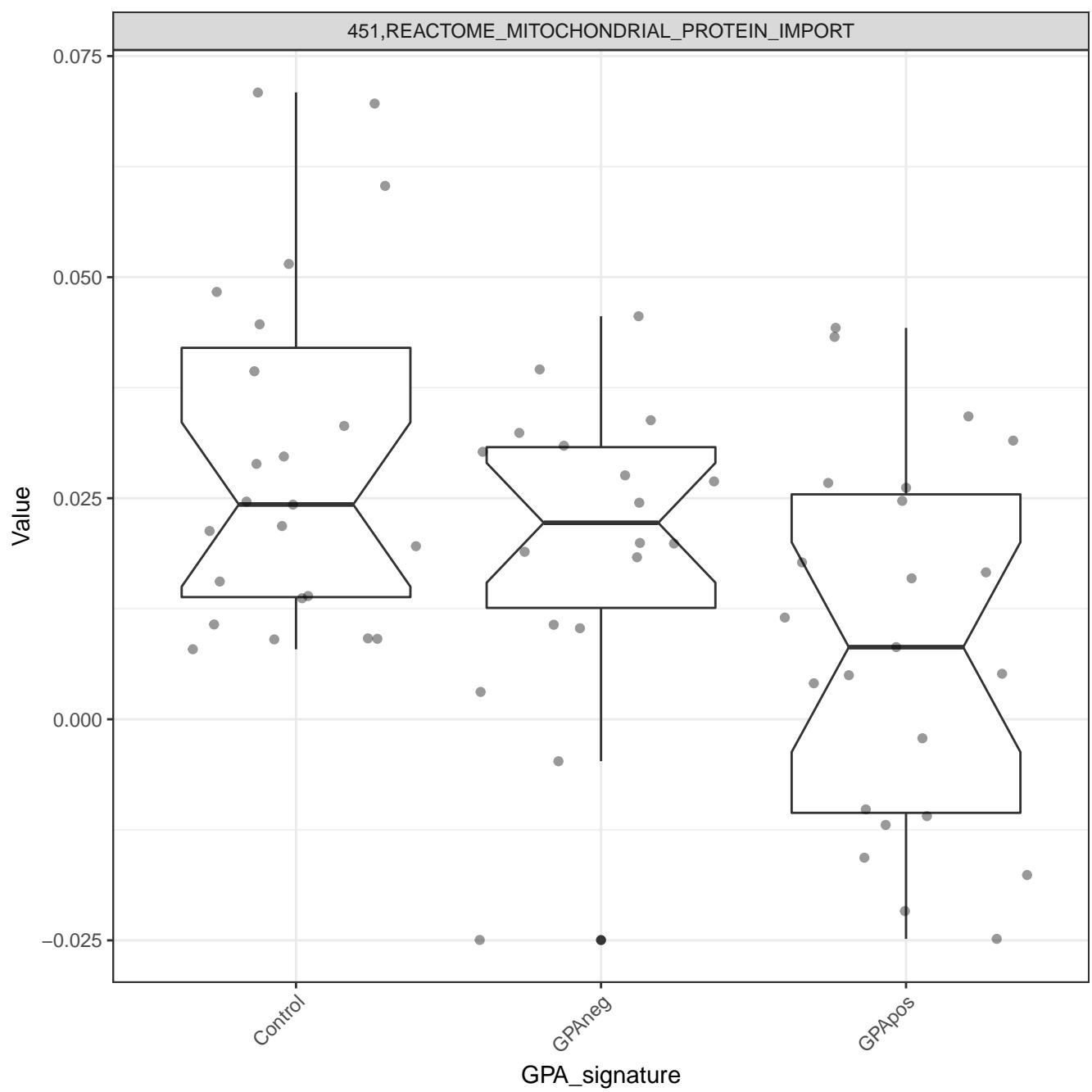
GPA_signature

GPAneg

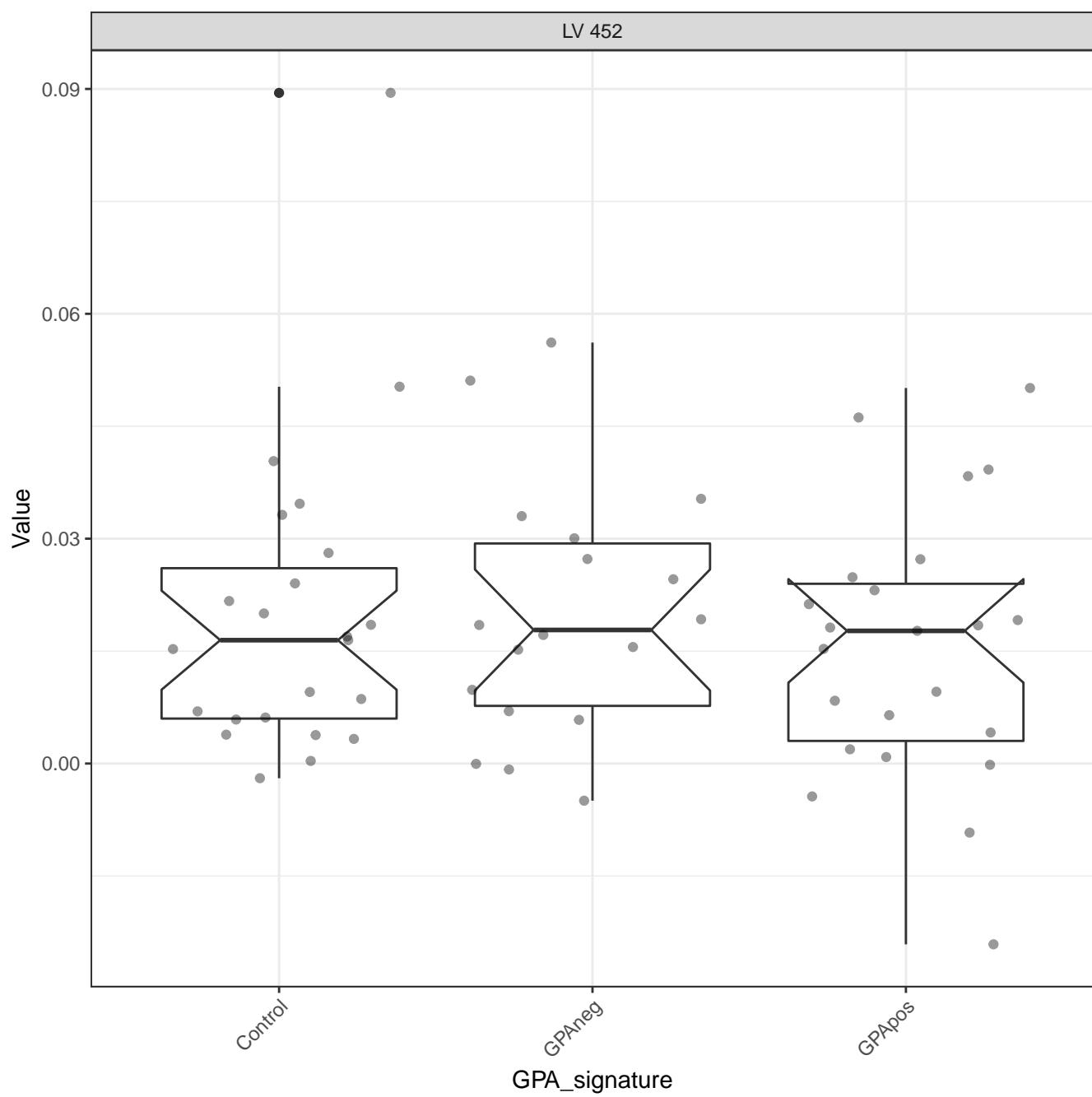
GPApos

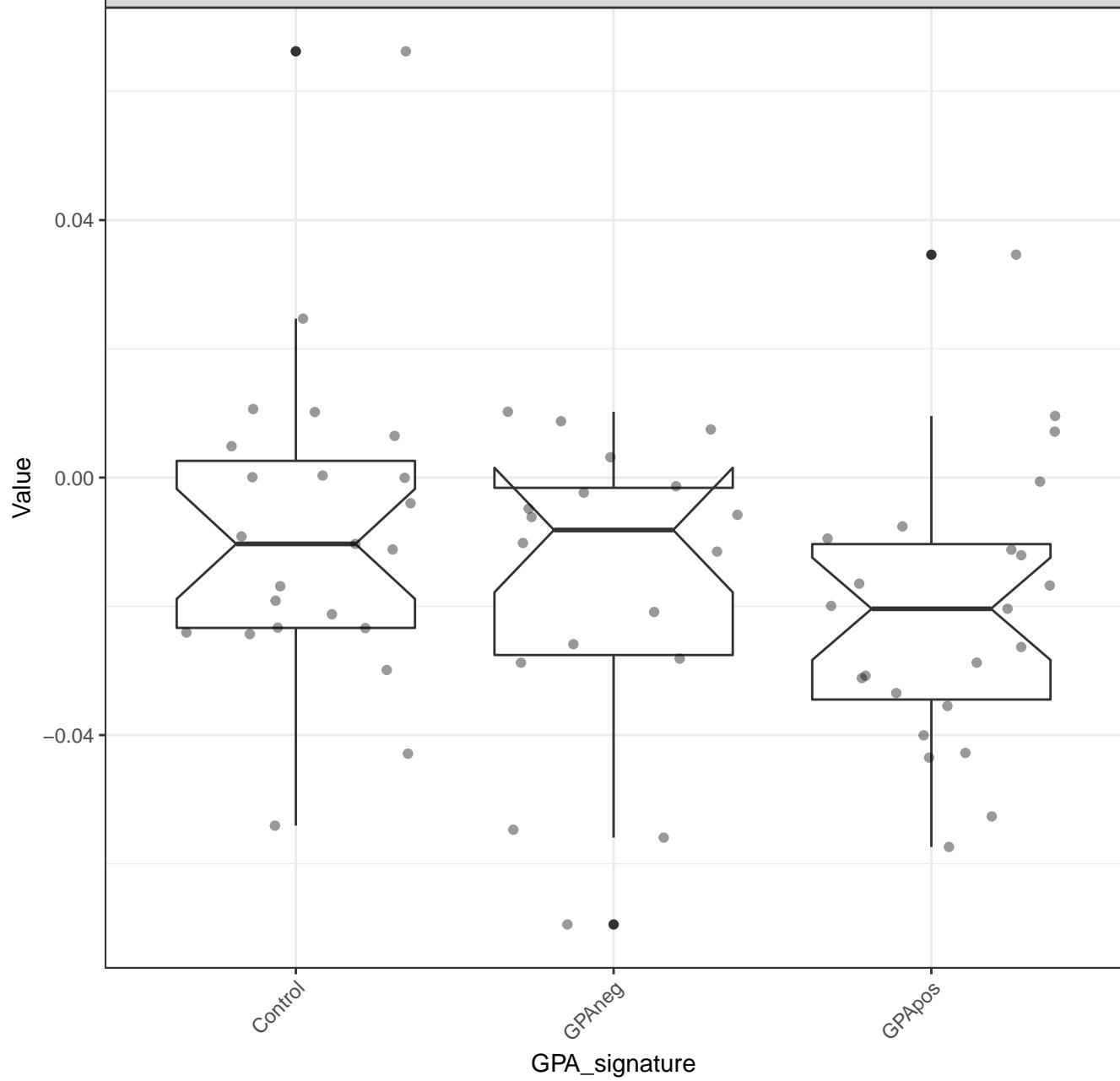


451,REACTOME MITOCHONDRIAL PROTEIN IMPORT

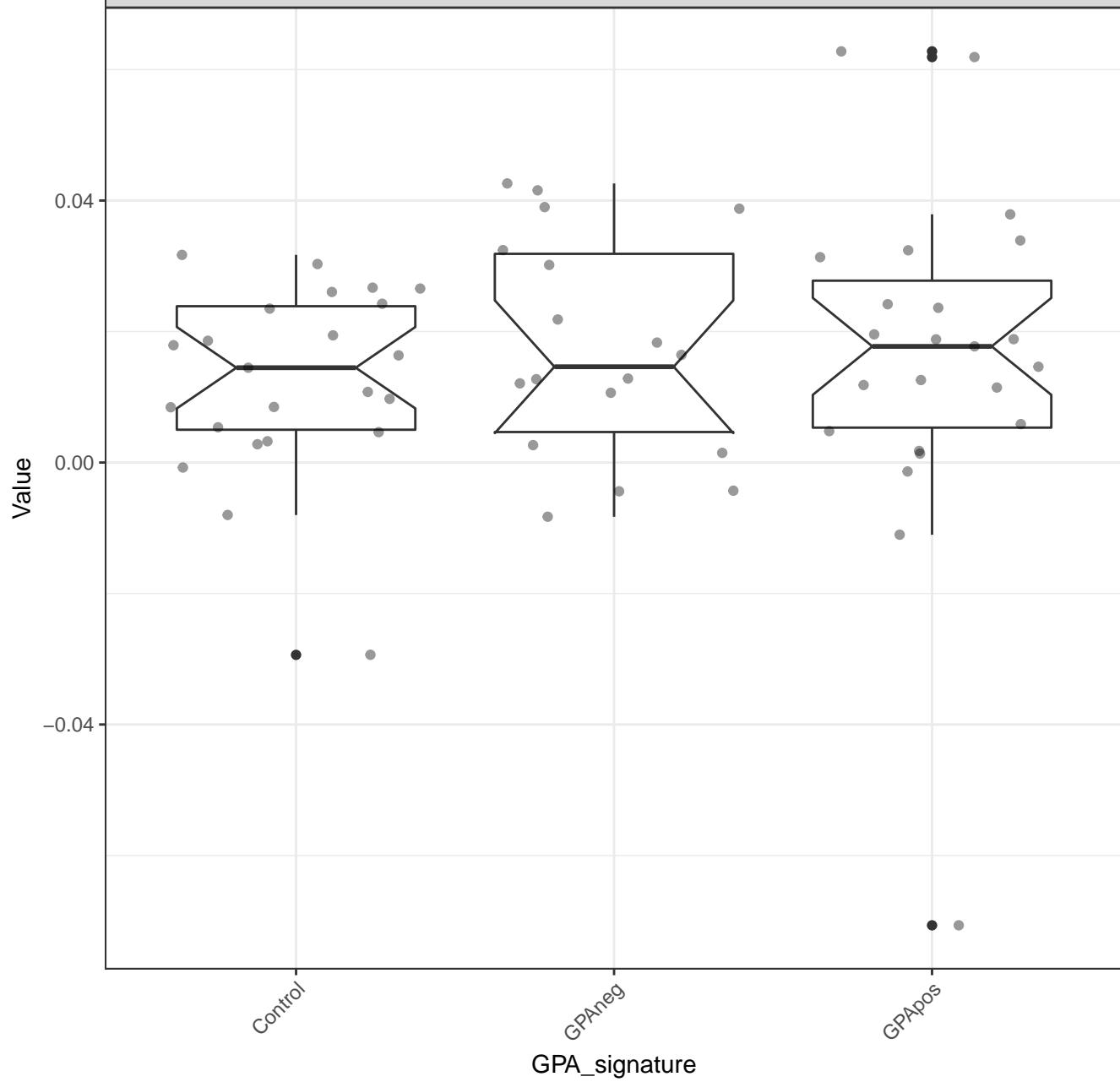


LV 452





LV 454



LV 455

Value

0.025

0.000

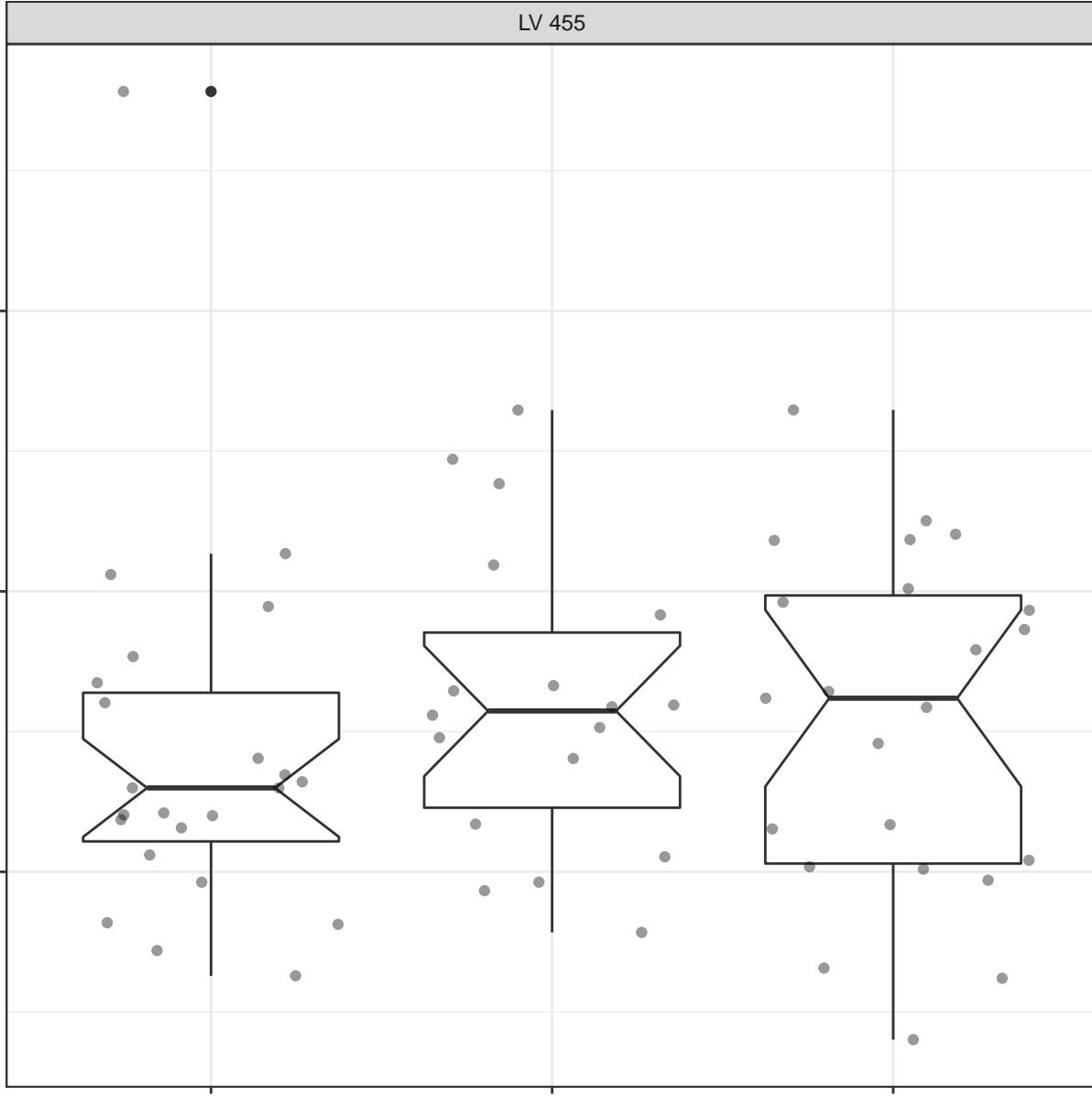
-0.025

Control

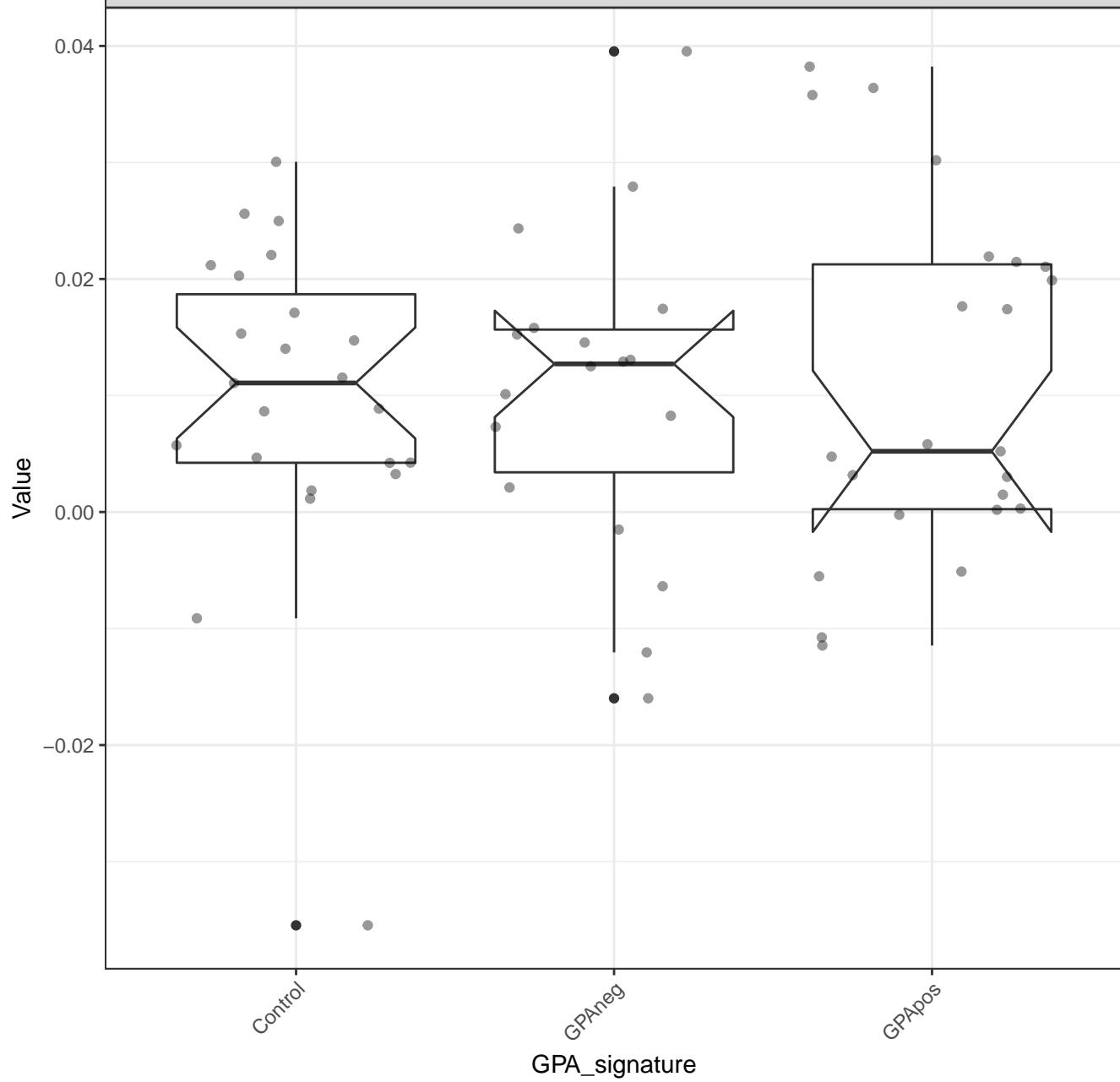
GPA_signature

GPAneg

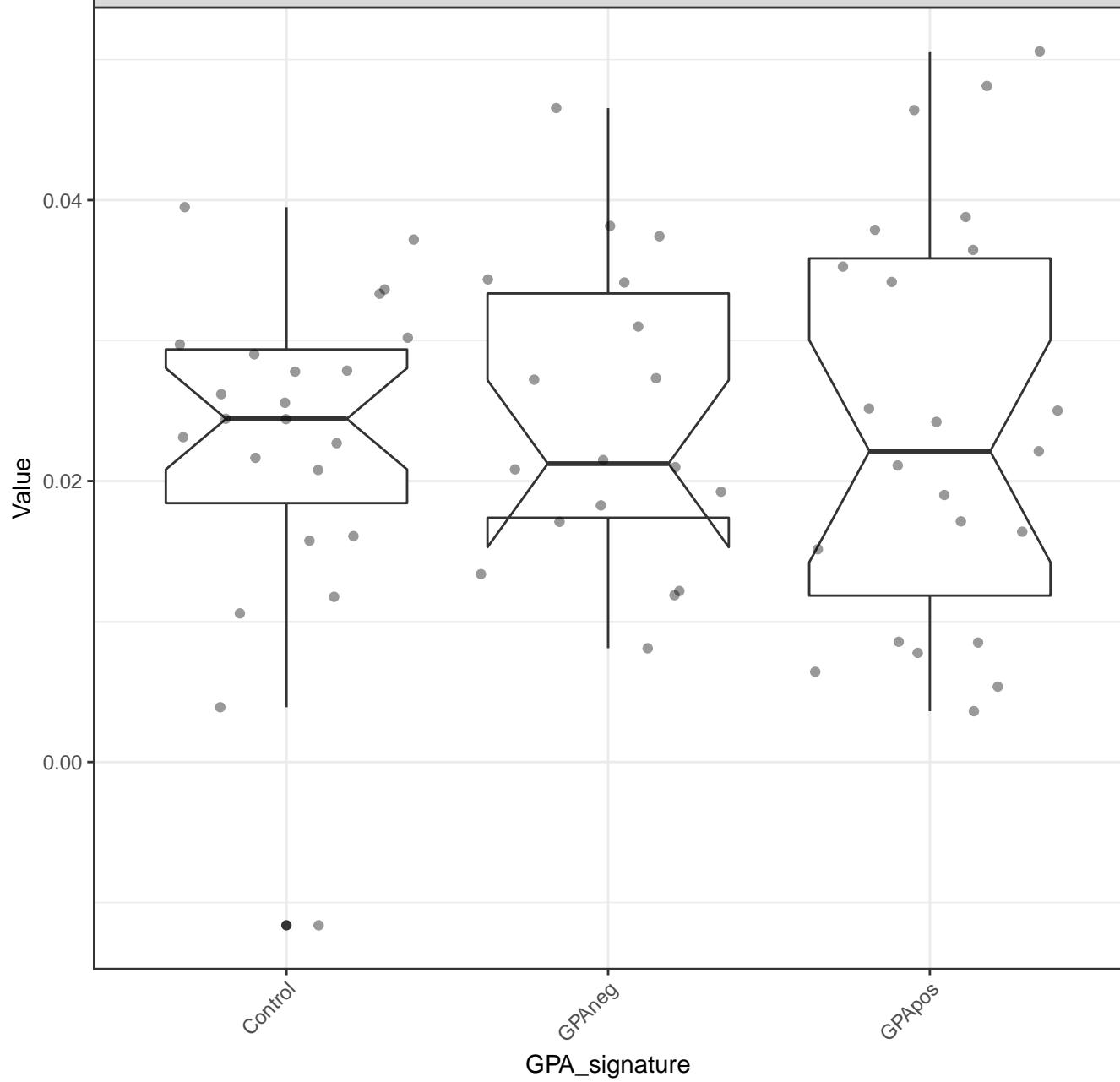
GPAPos



LV 456



LV 457



LV 458

Value

0.10

0.05

0.00

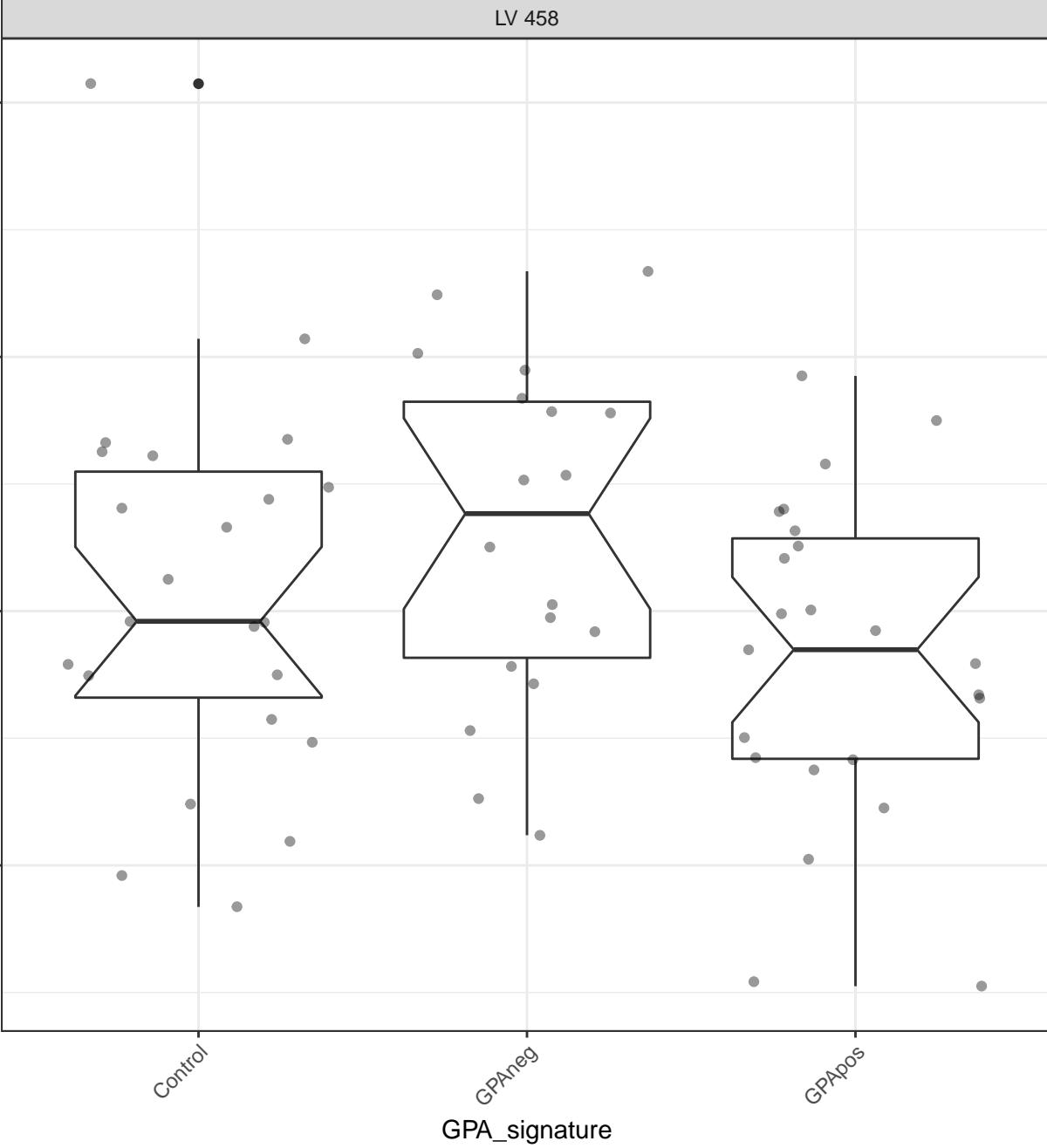
-0.05

Control

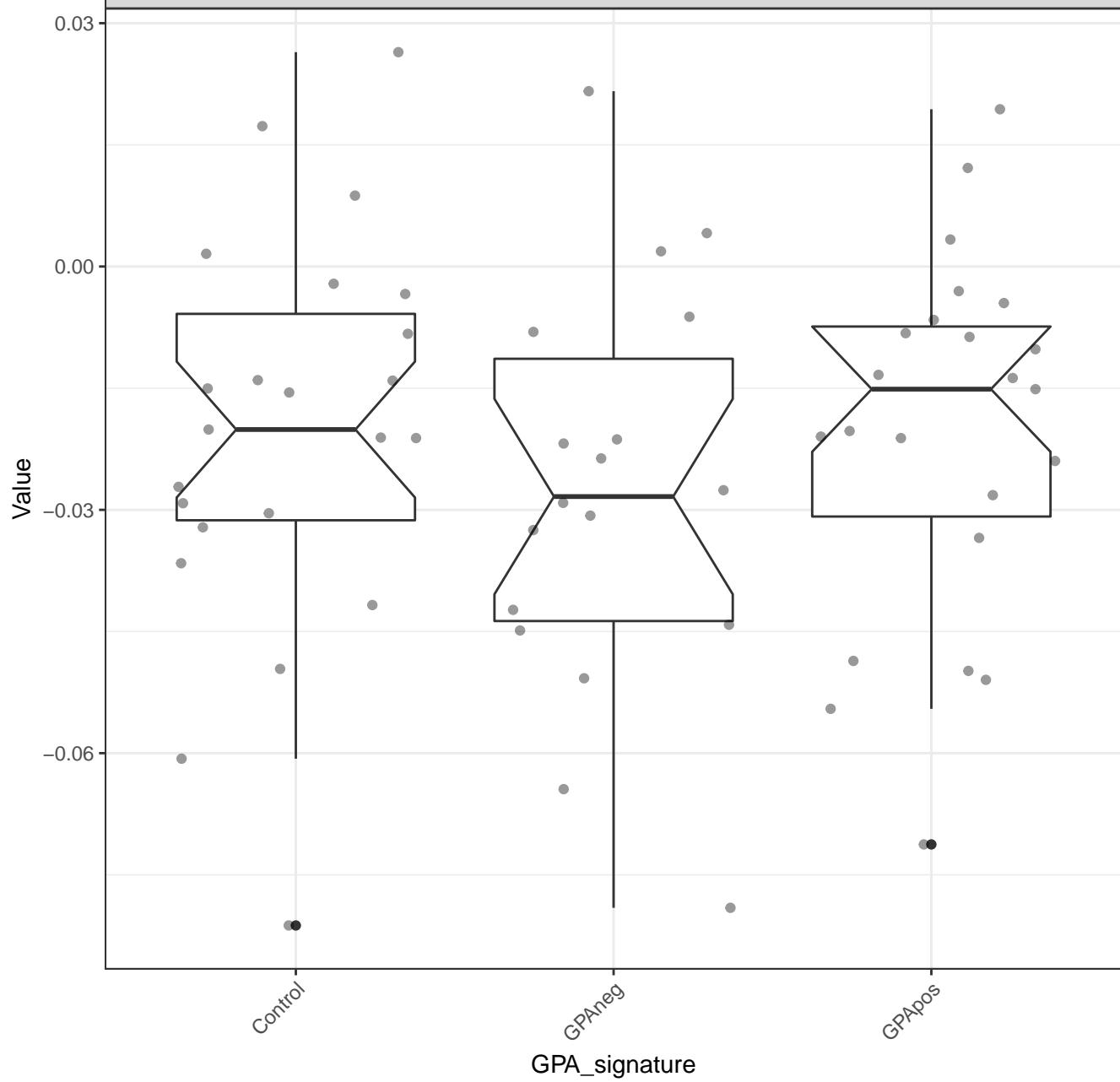
GPAneg

GPAPos

GPA_signature



LV 459



LV 460

Value

0.050

0.025

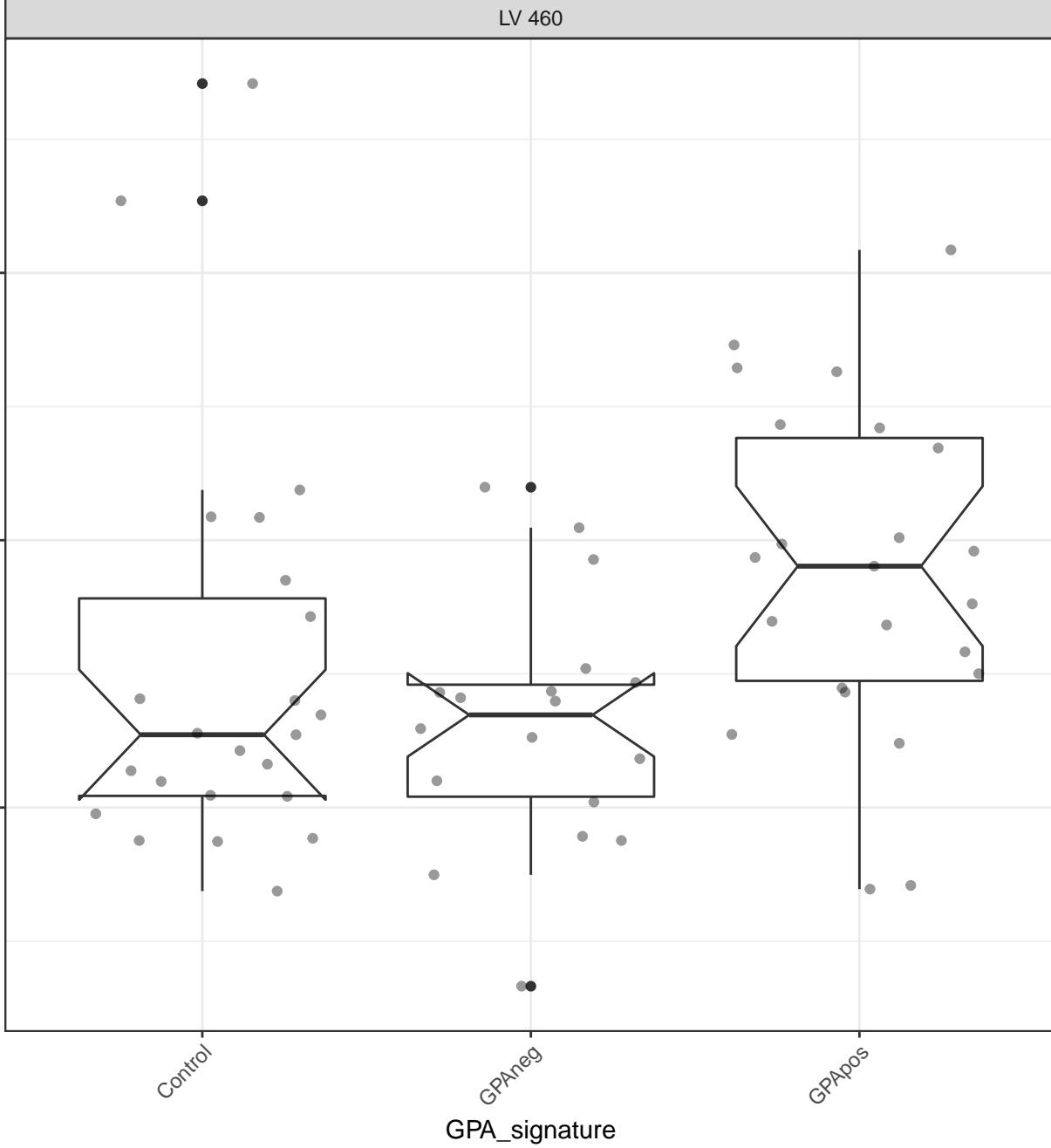
0.000

Control

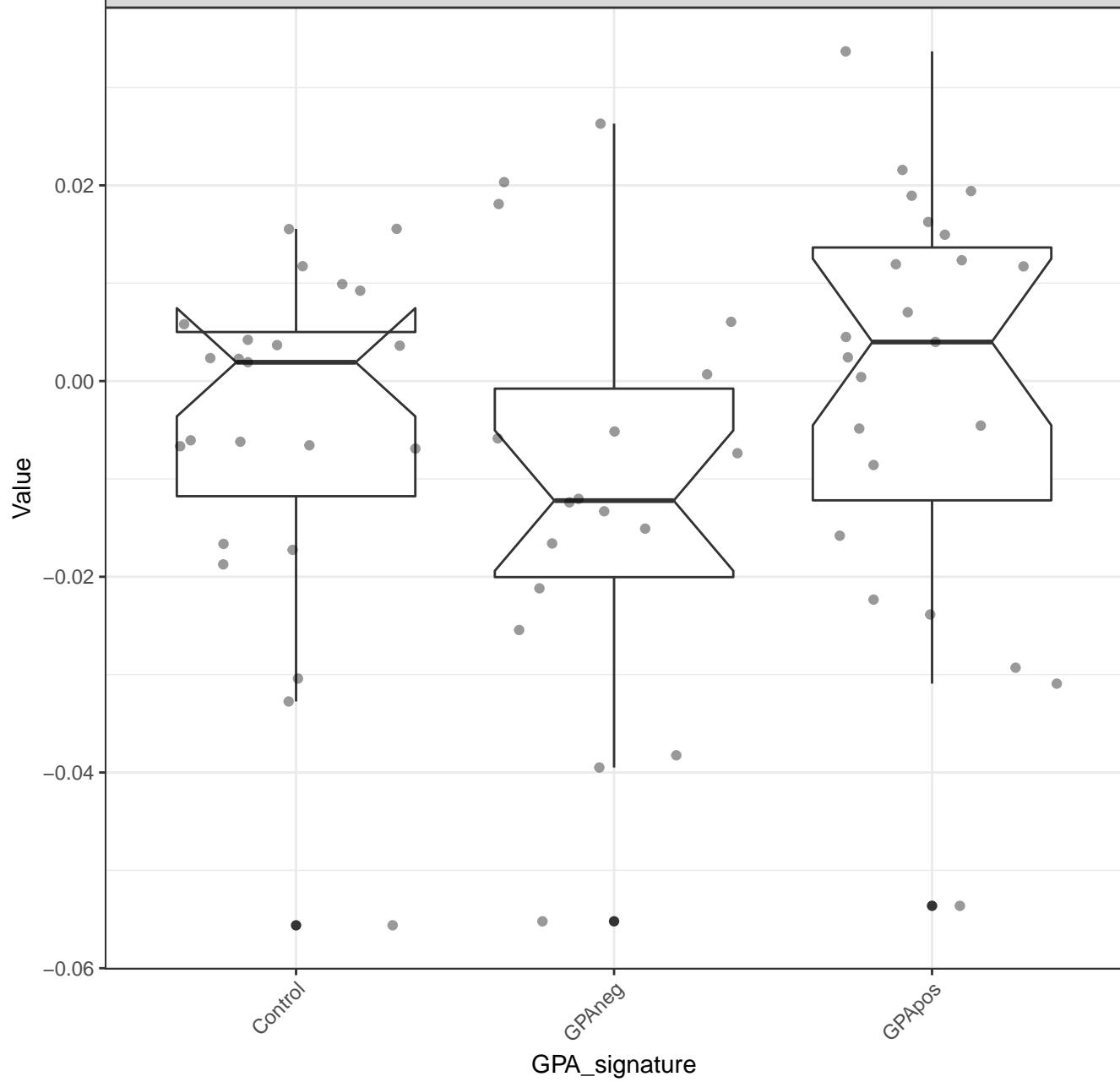
GPA_signature

GPAneg

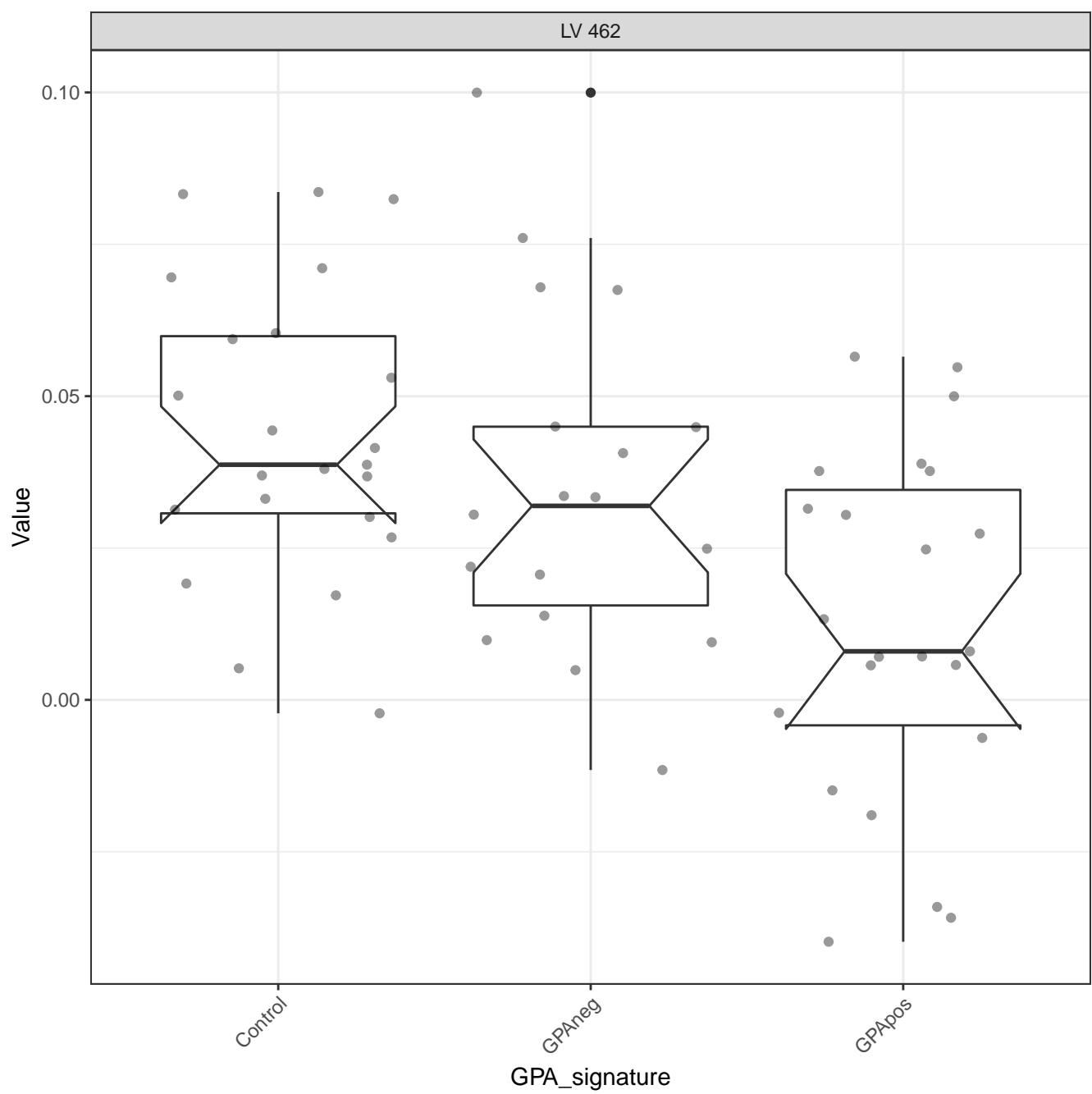
GPAPos



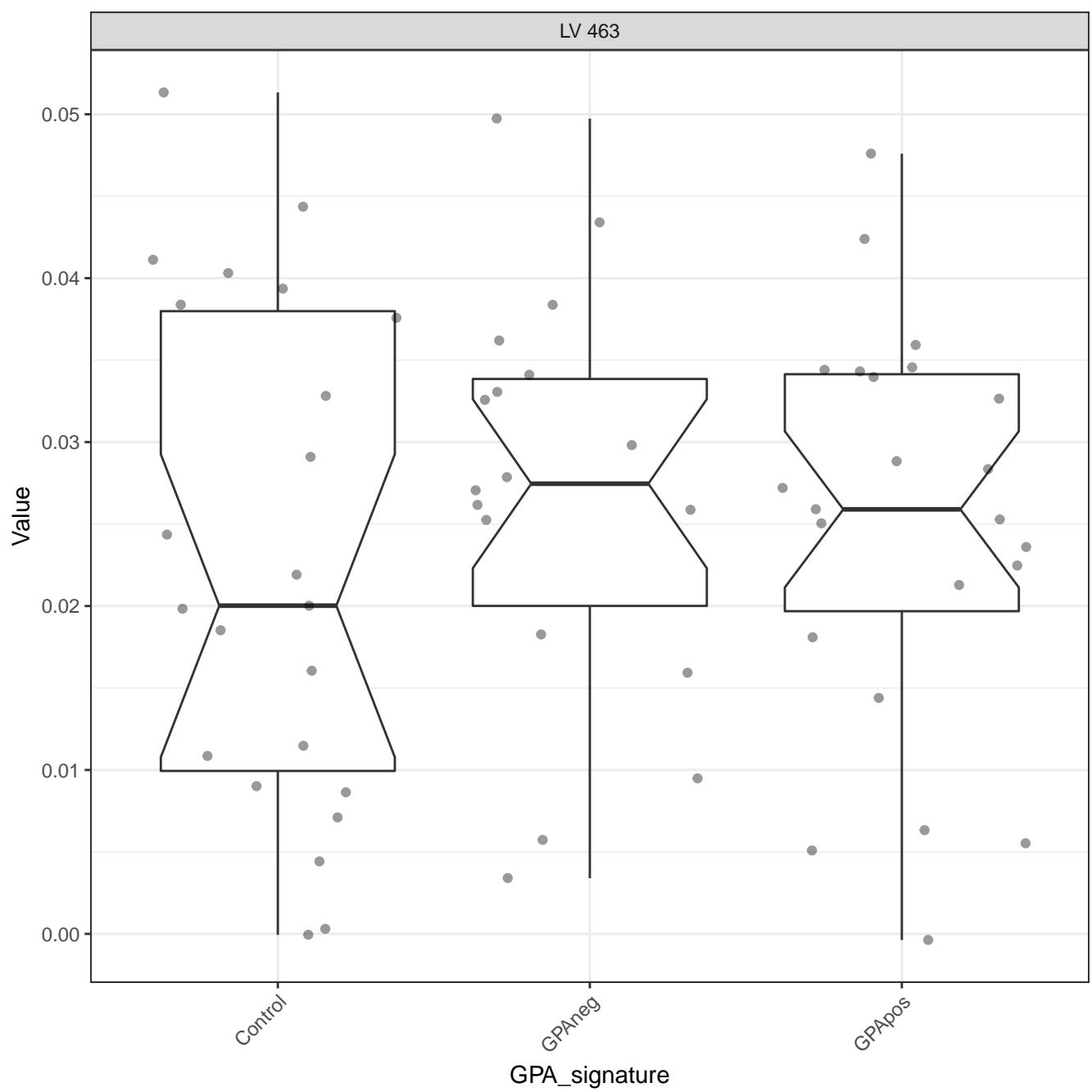
LV 461

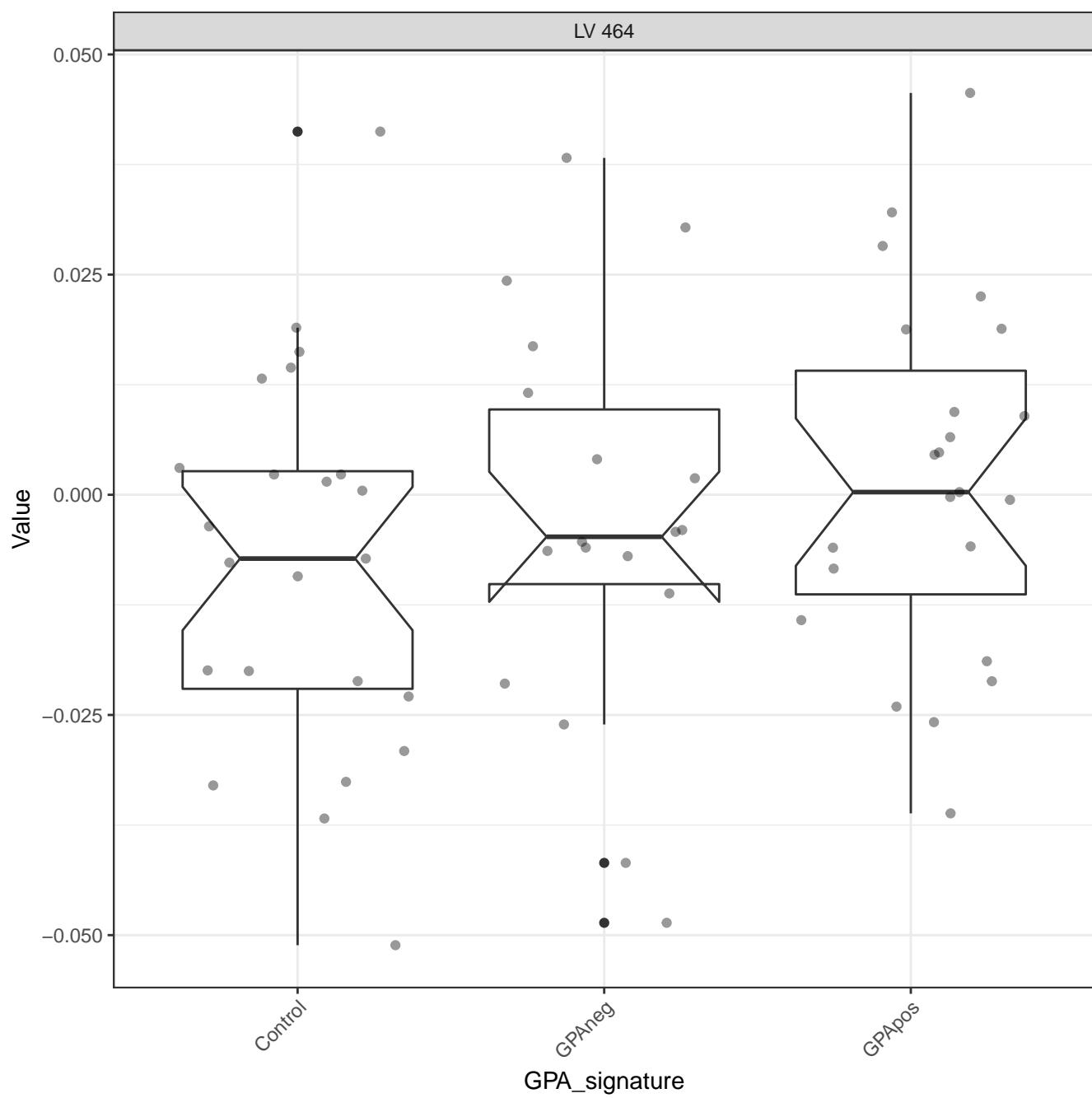


LV 462

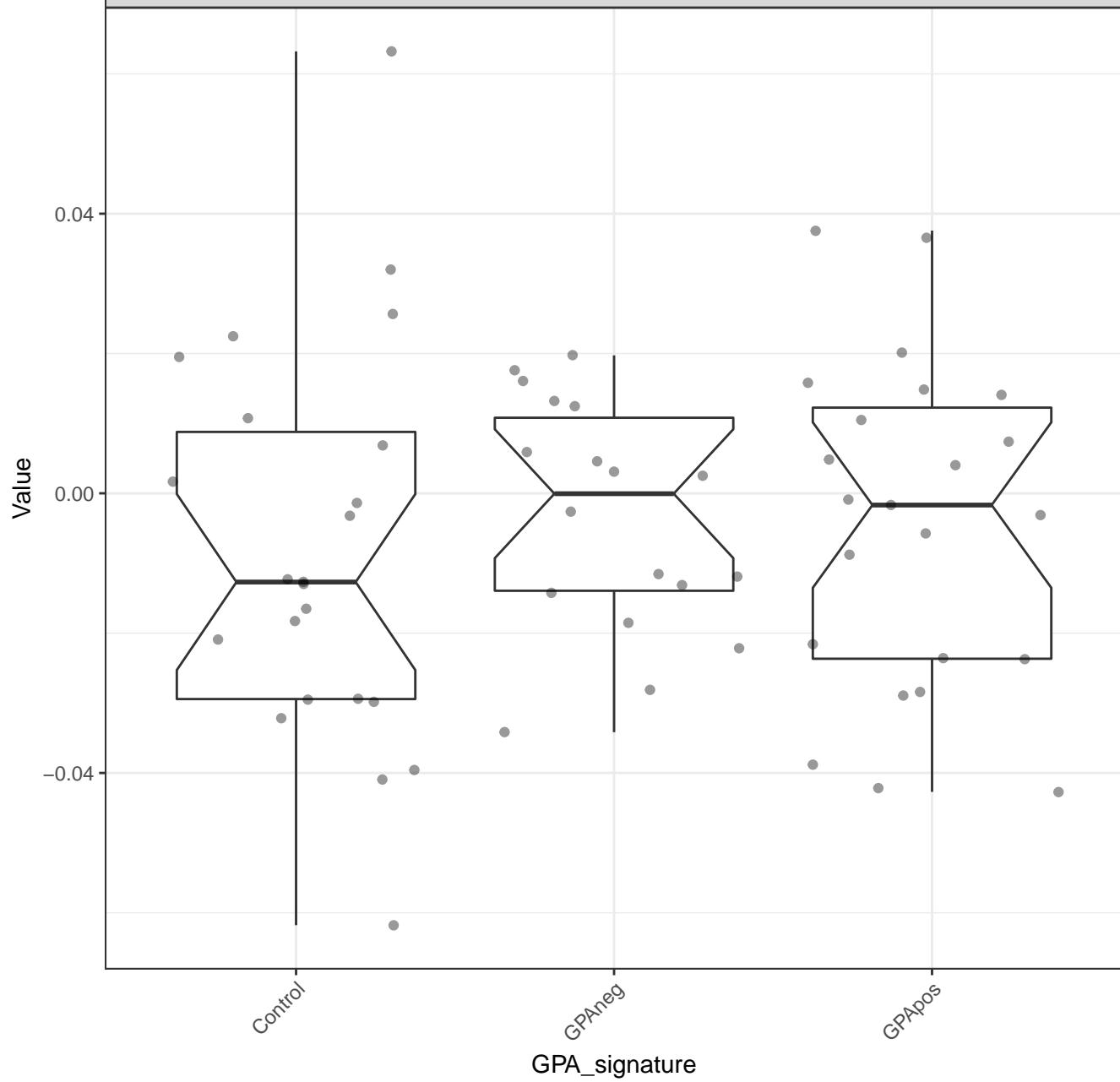


LV 463





LV 465



LV 466

Value

0.050

0.025

0.000

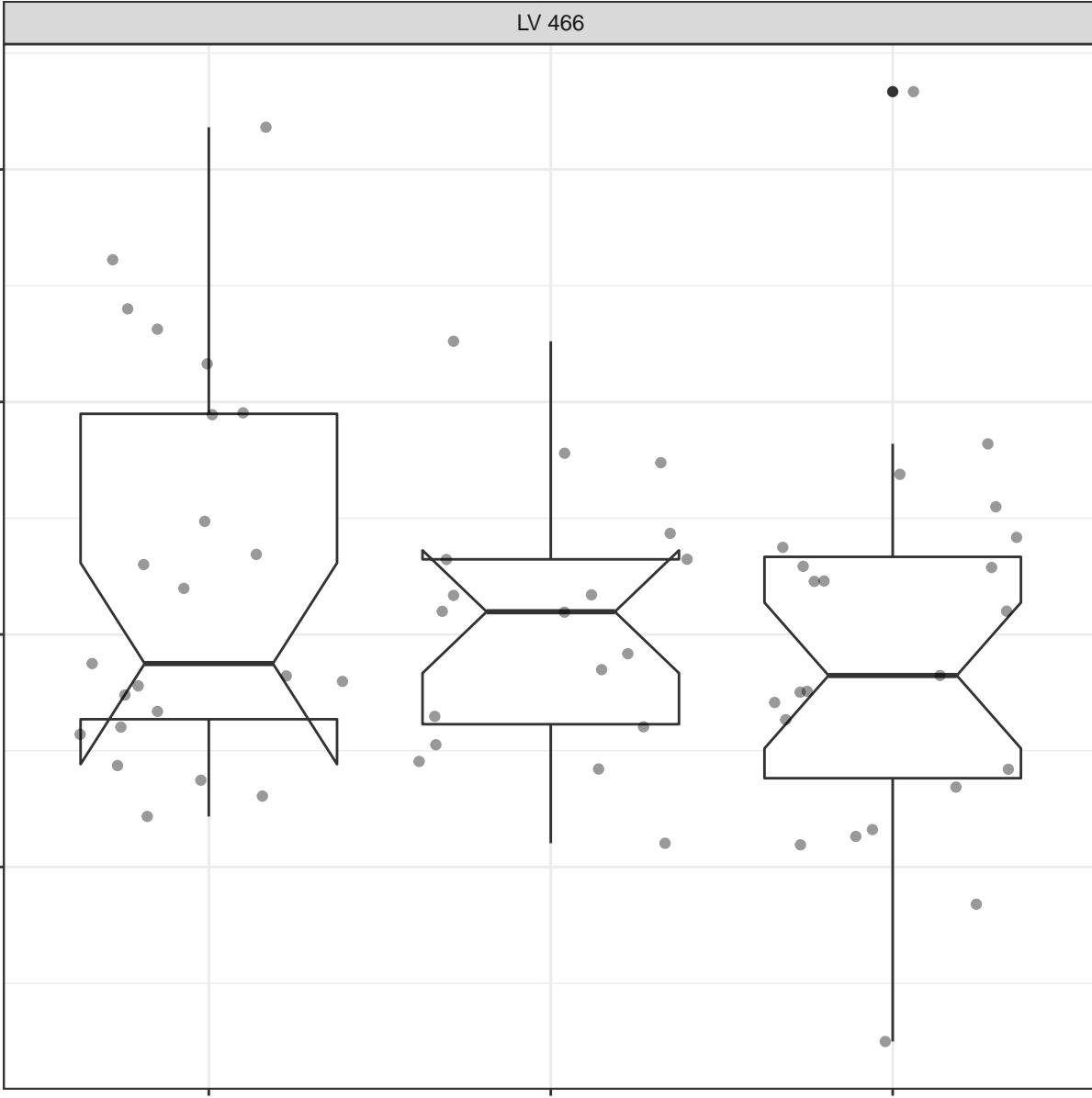
-0.025

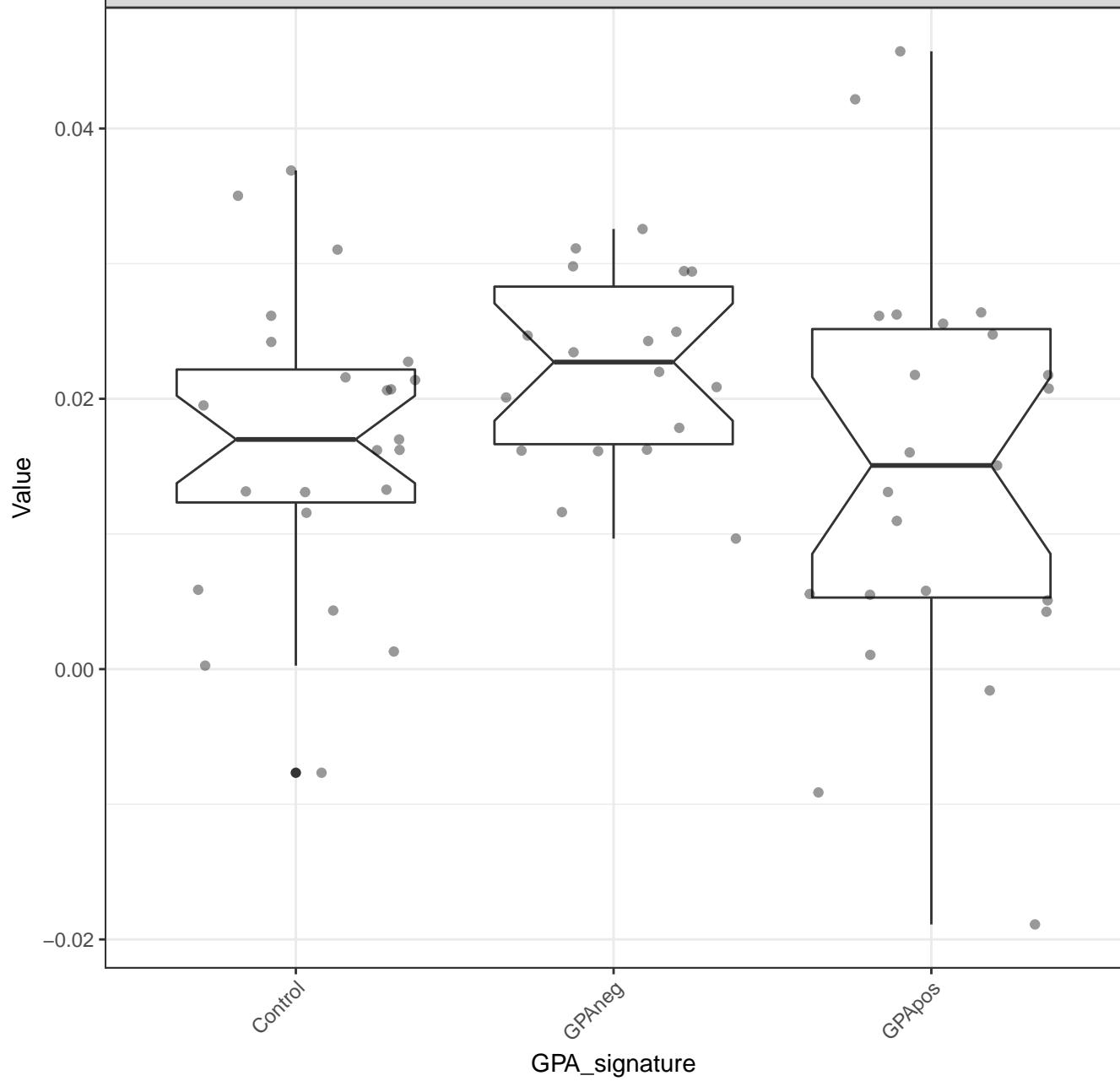
Control

GPA_signature

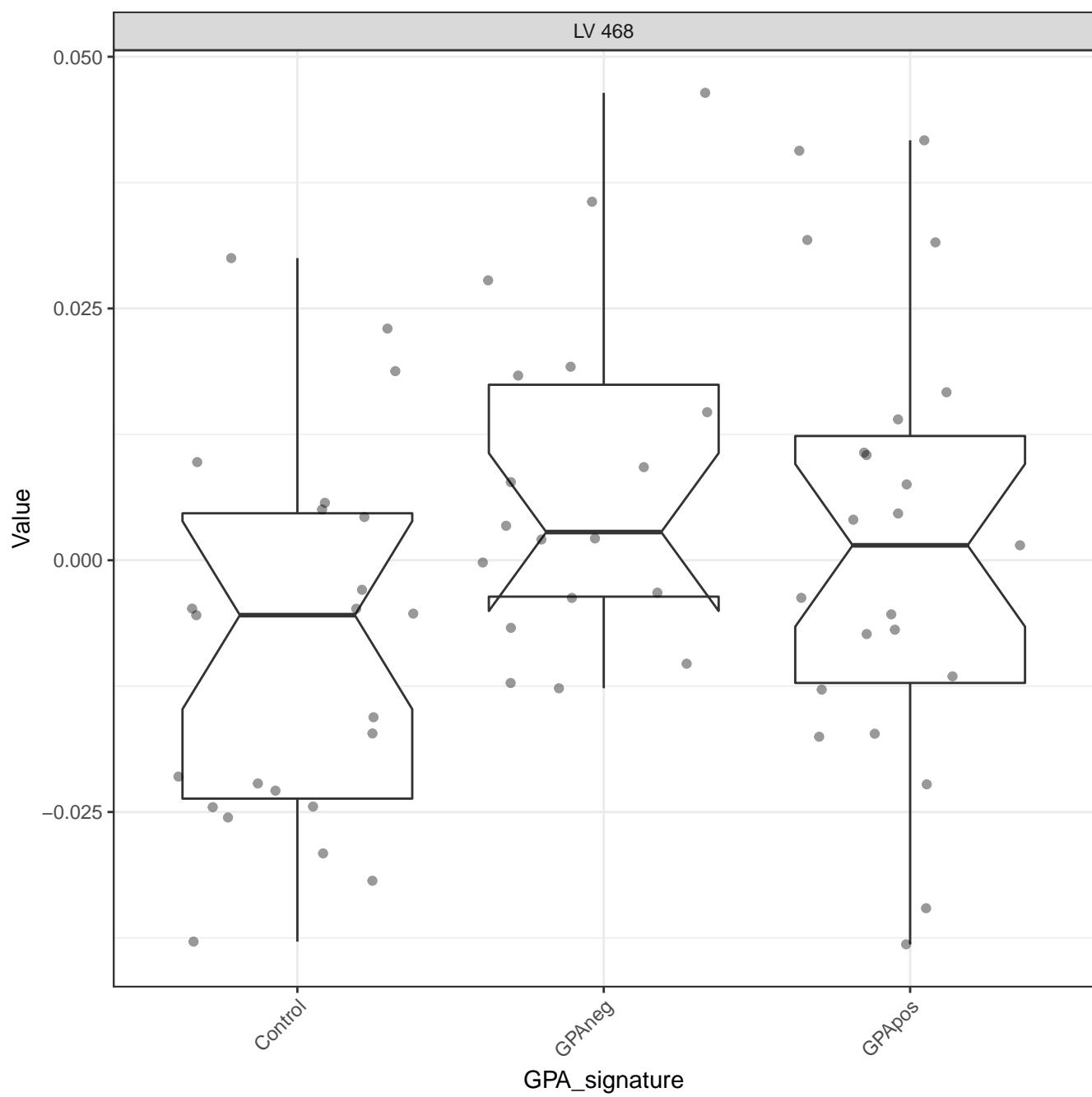
GPAneg

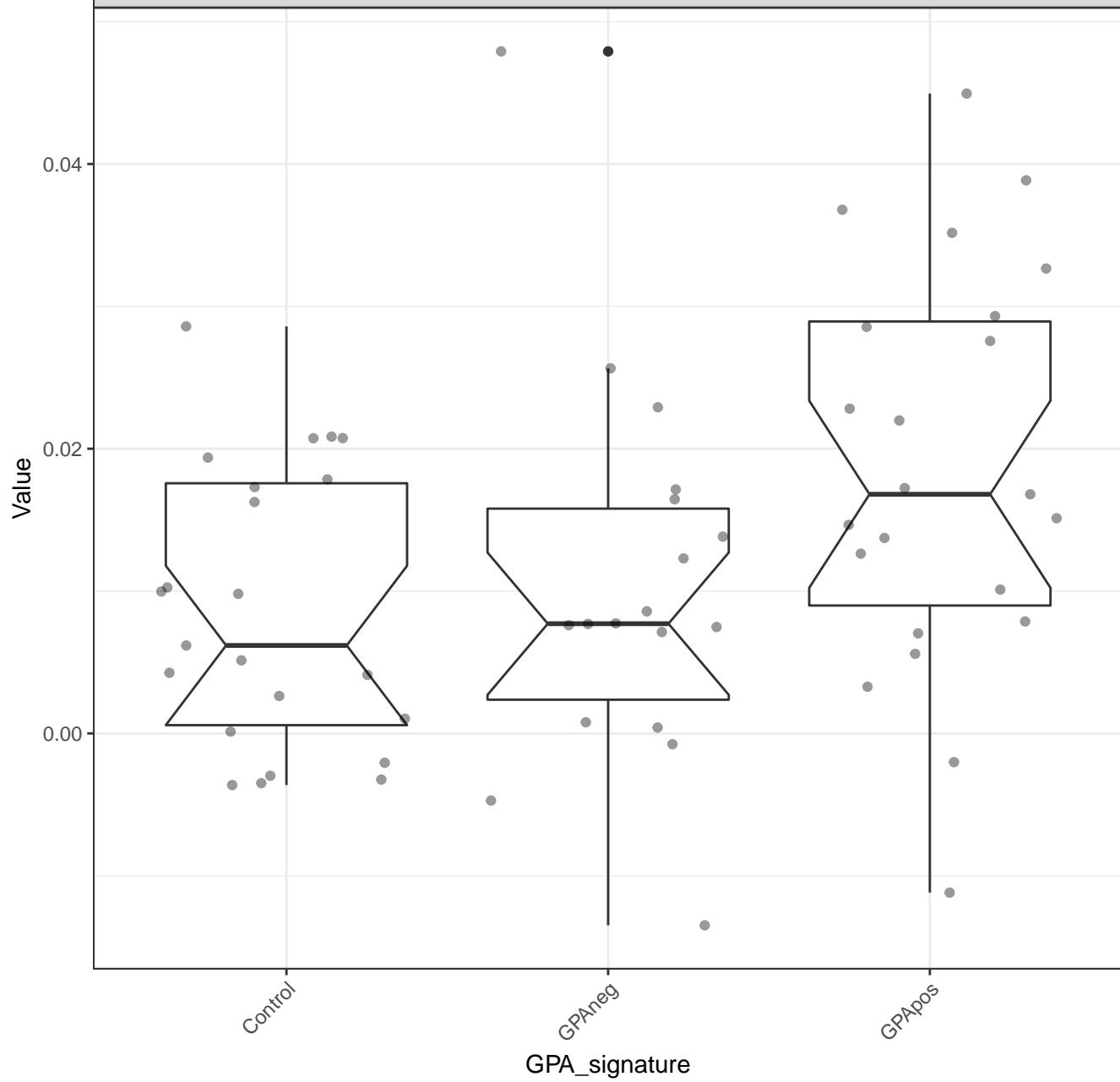
GPAPos





LV 468





LV 470

Value

0.05

0.00

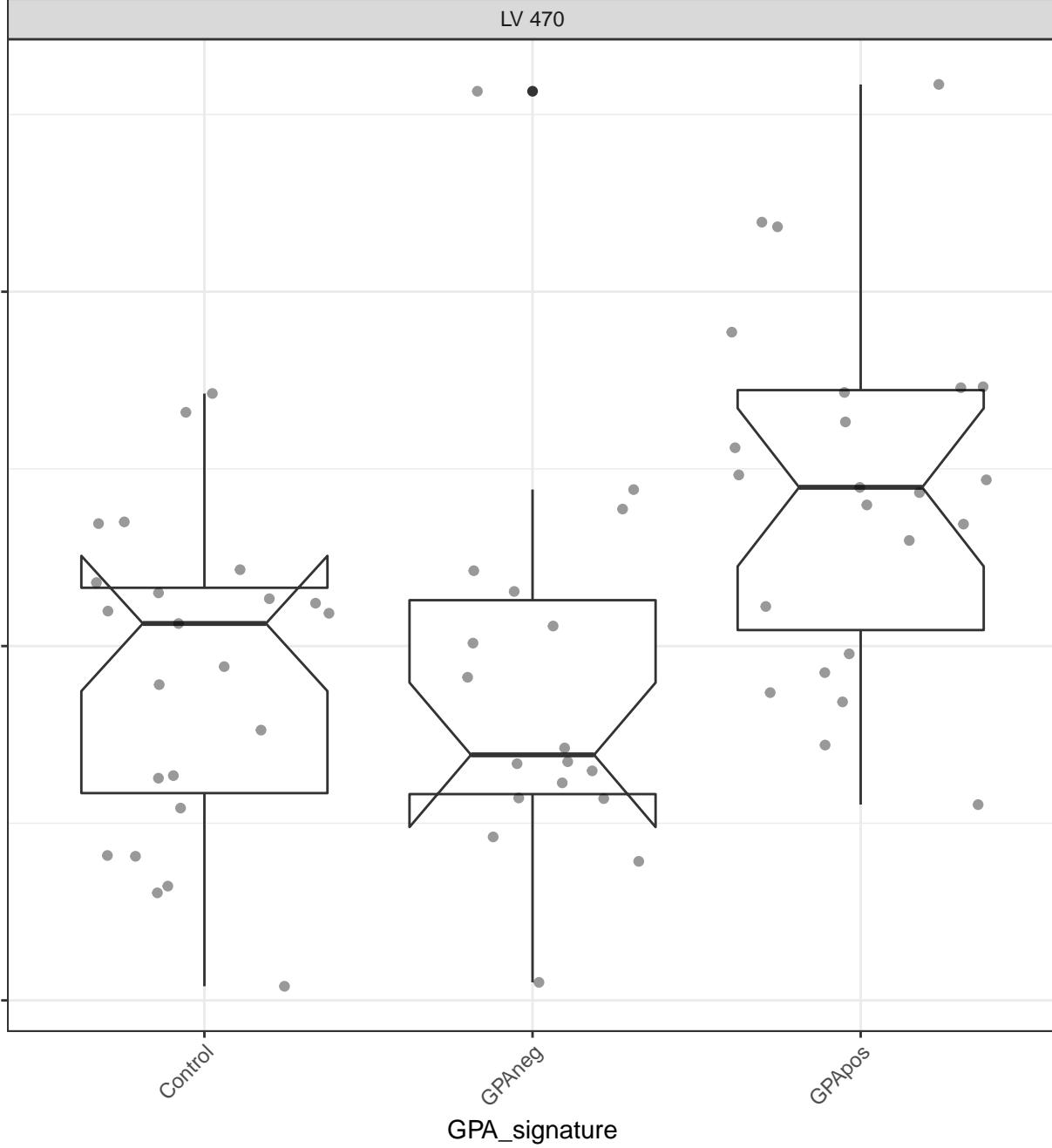
-0.05

Control

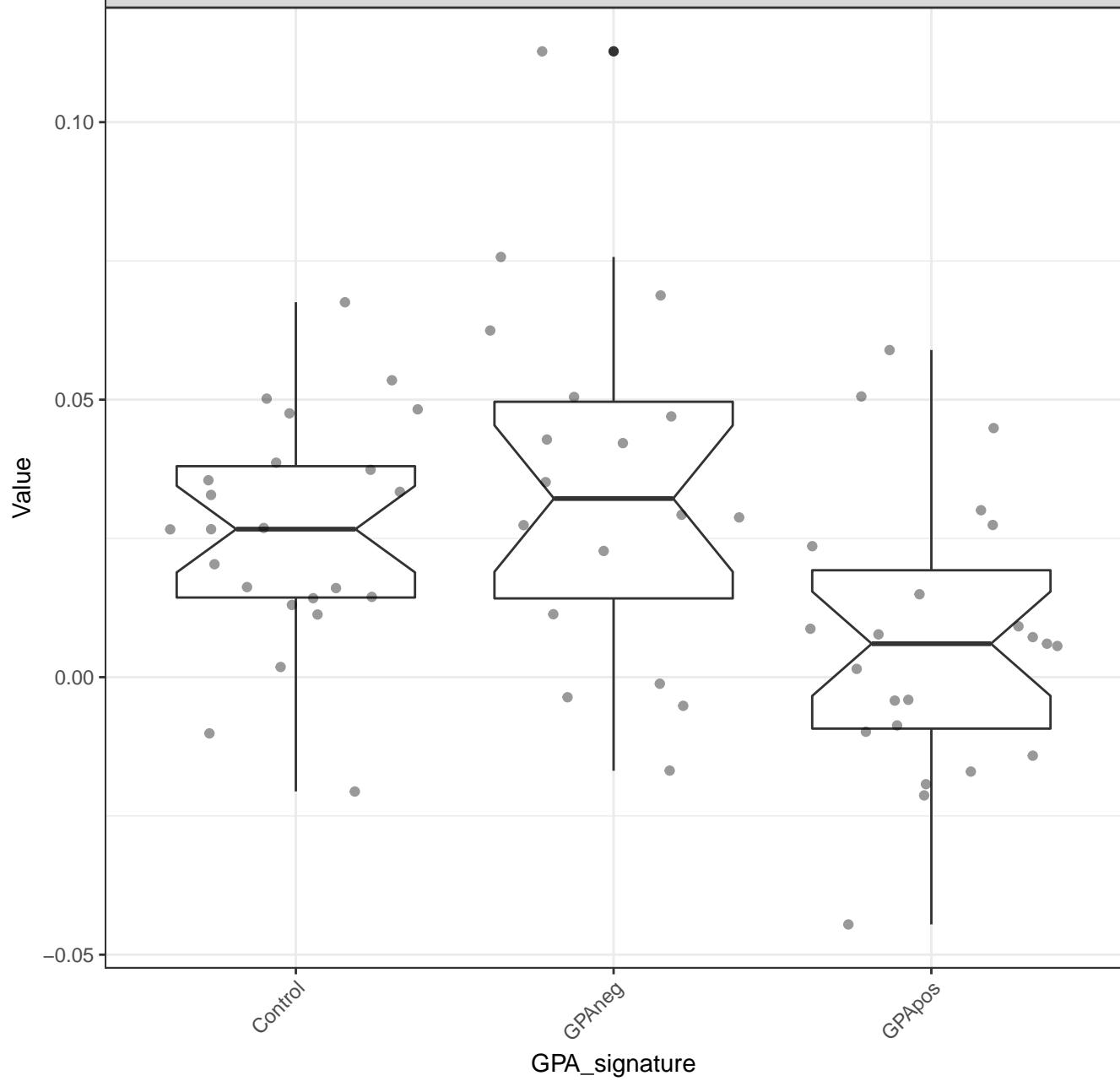
GPA_signature

GPAneg

GPApos



LV 471



Value

0.05

0.00

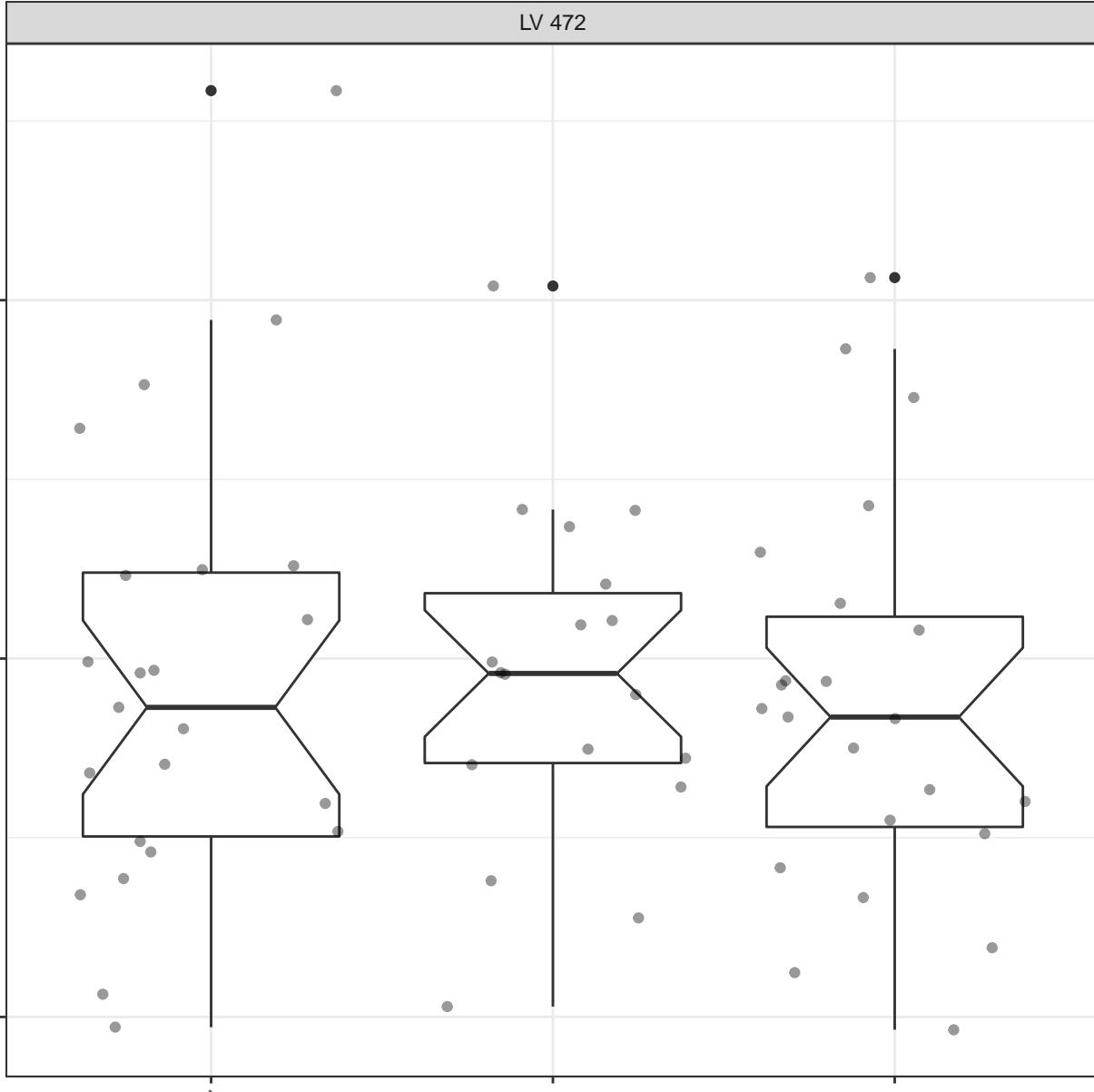
-0.05

Control

GPA_signature

GPAneg

GPApos



473,KEGG_COMPLEMENT_AND_COAGULATION_CASCADES

Value

0.05

0.00

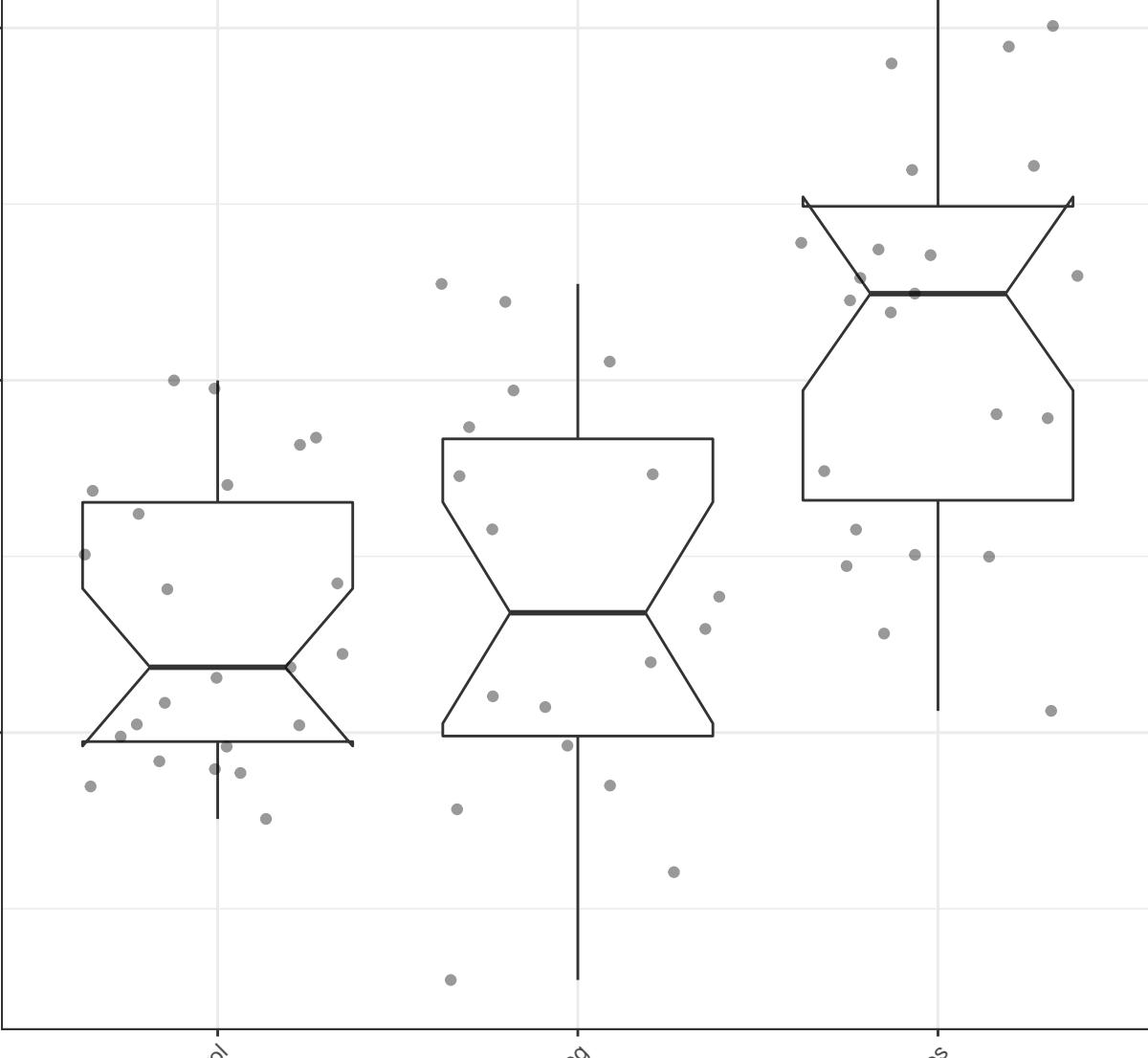
-0.05

Control

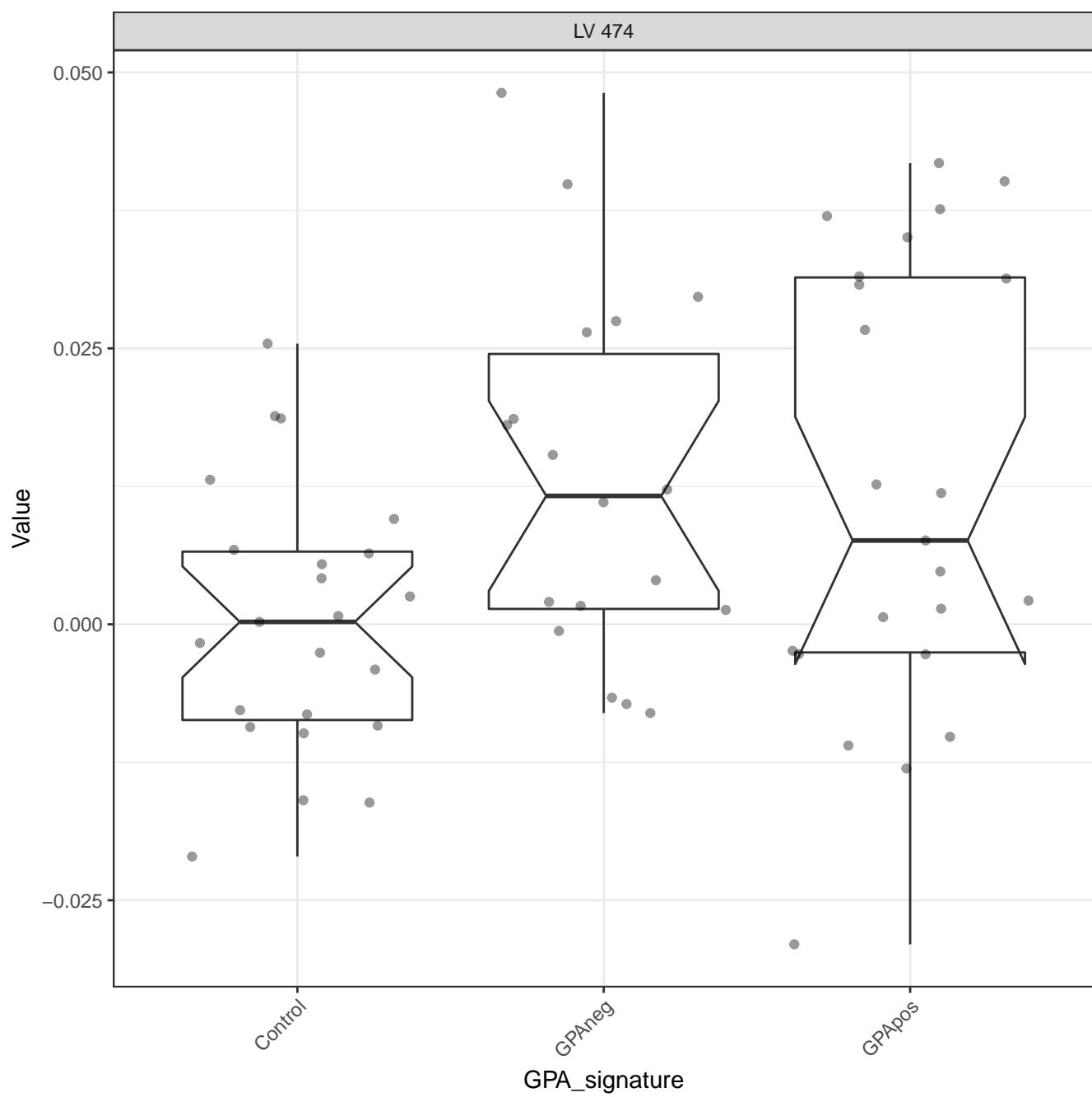
GPAneg

GPAPos

GPA_signature



LV 474



LV 475

Value

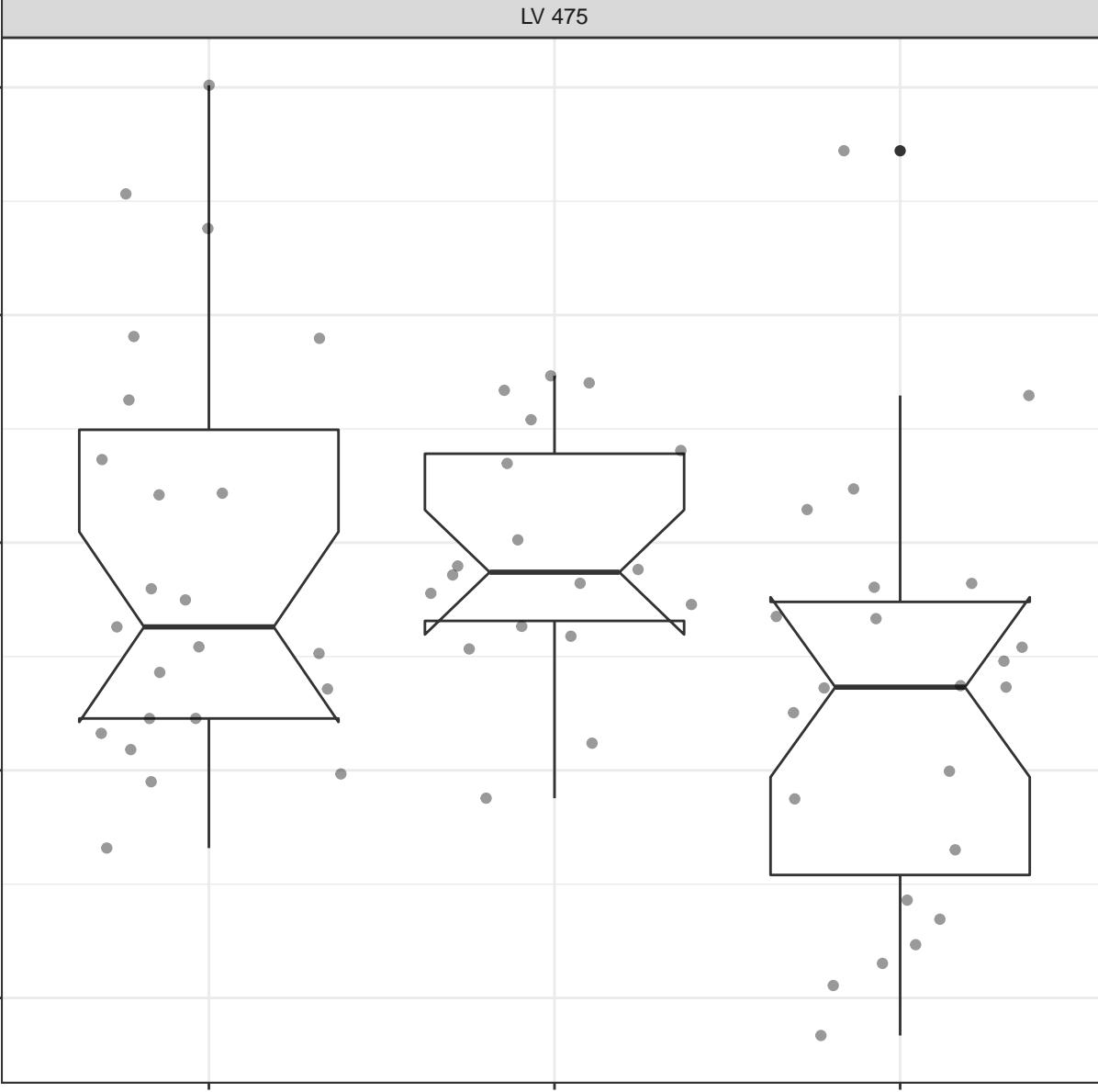
0.06
0.04
0.02
0.00
-0.02

Control

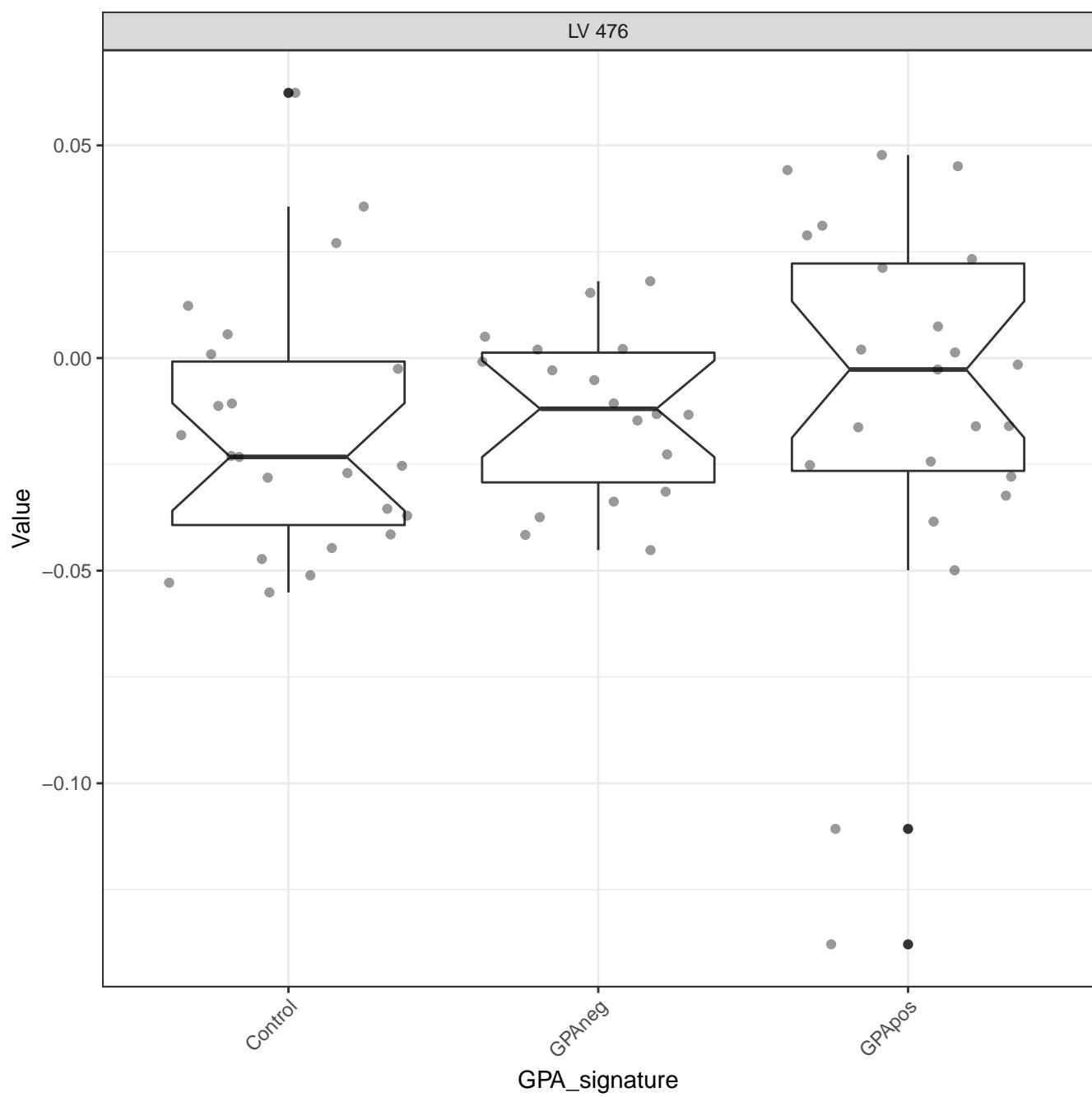
GPA neg

GPA pos

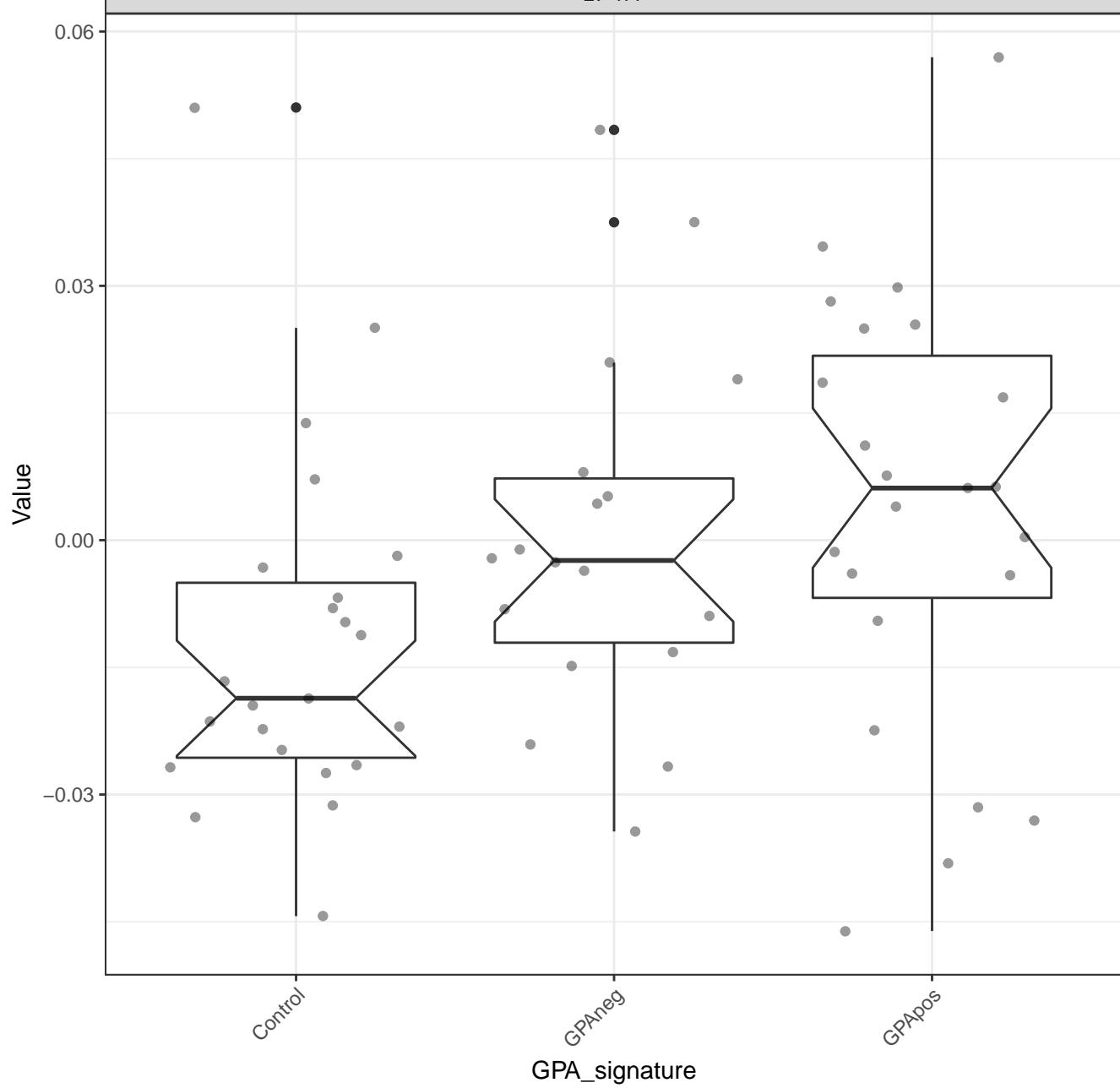
GPA_signature



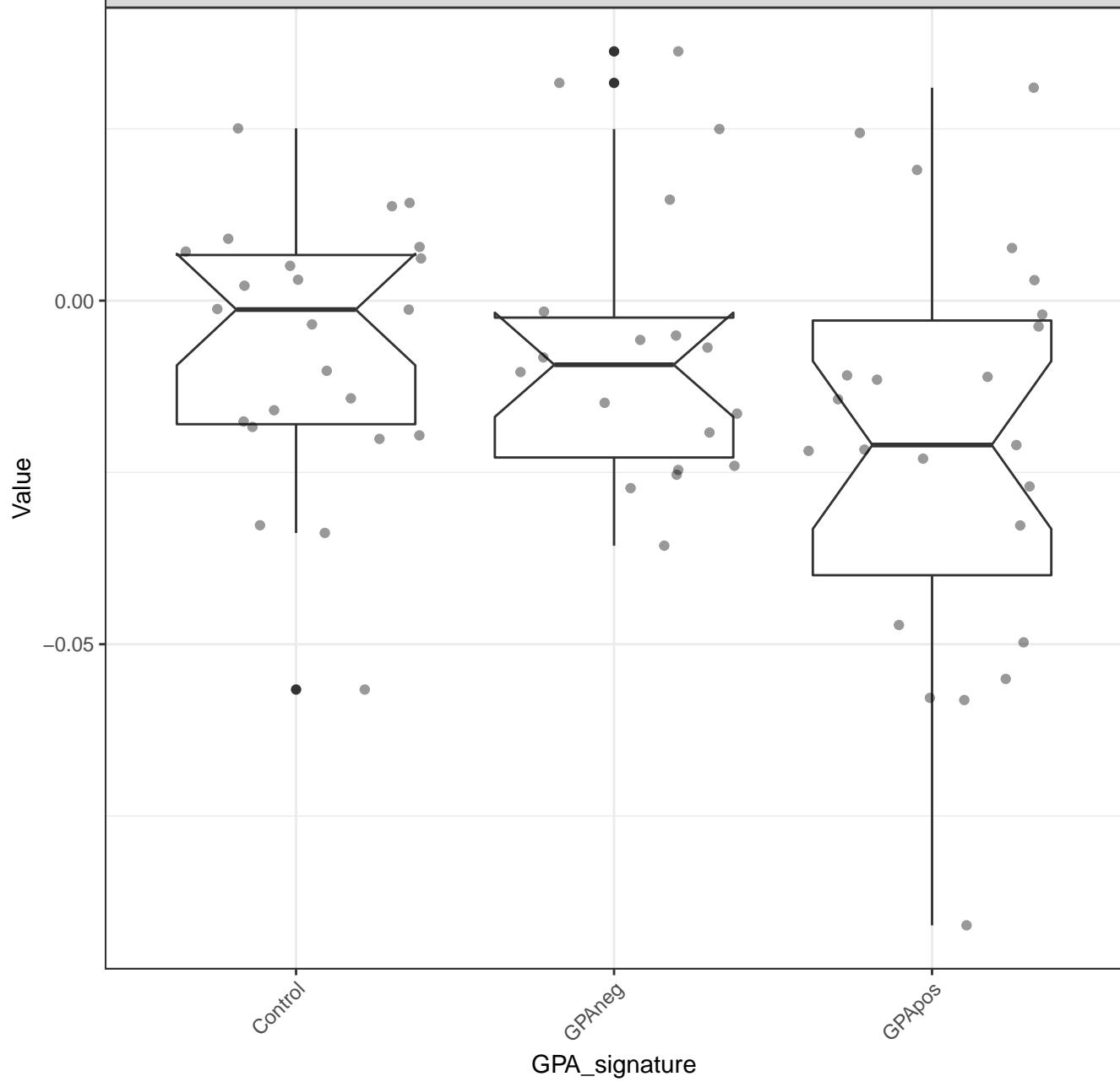
LV 476



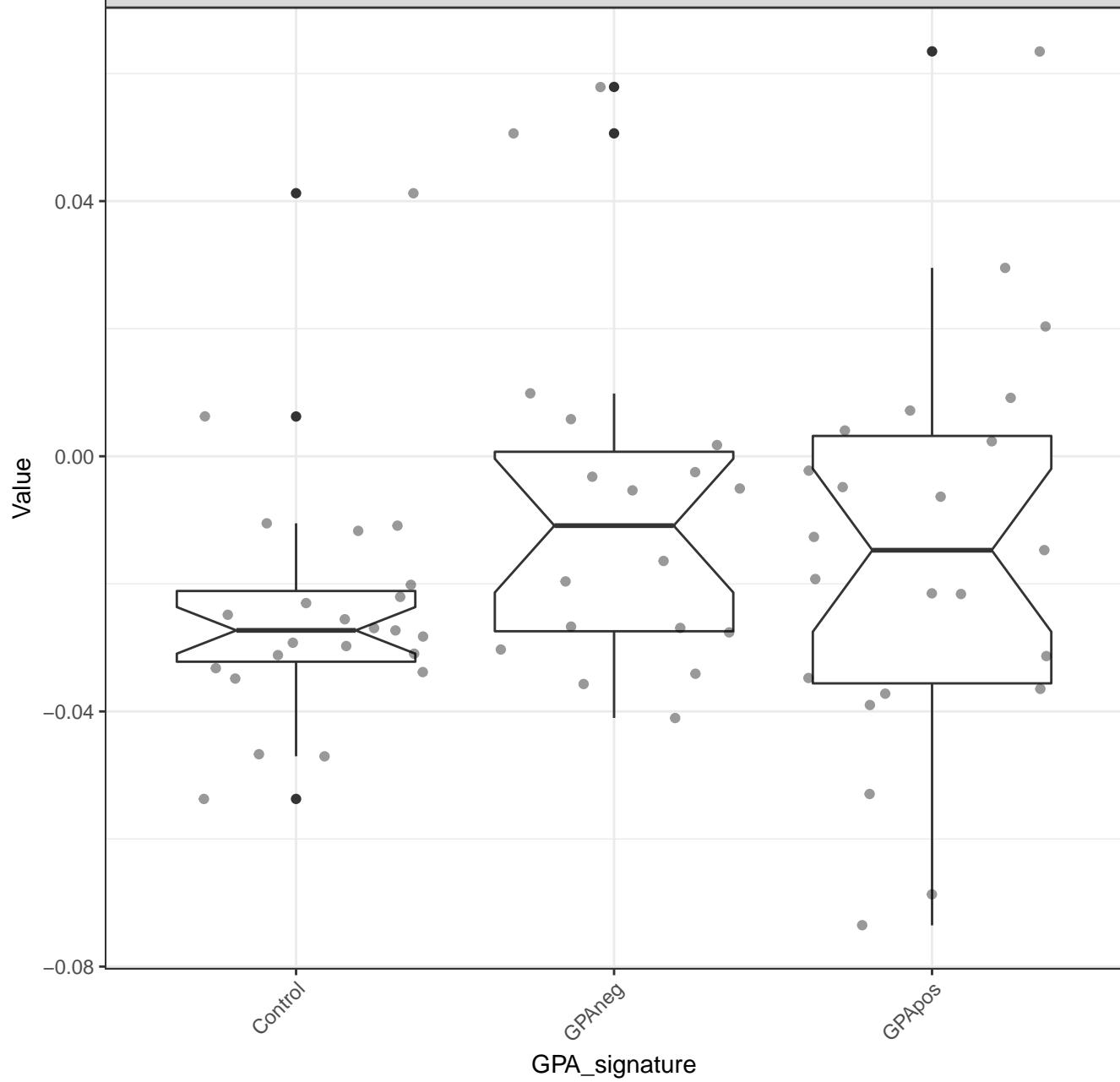
LV 477



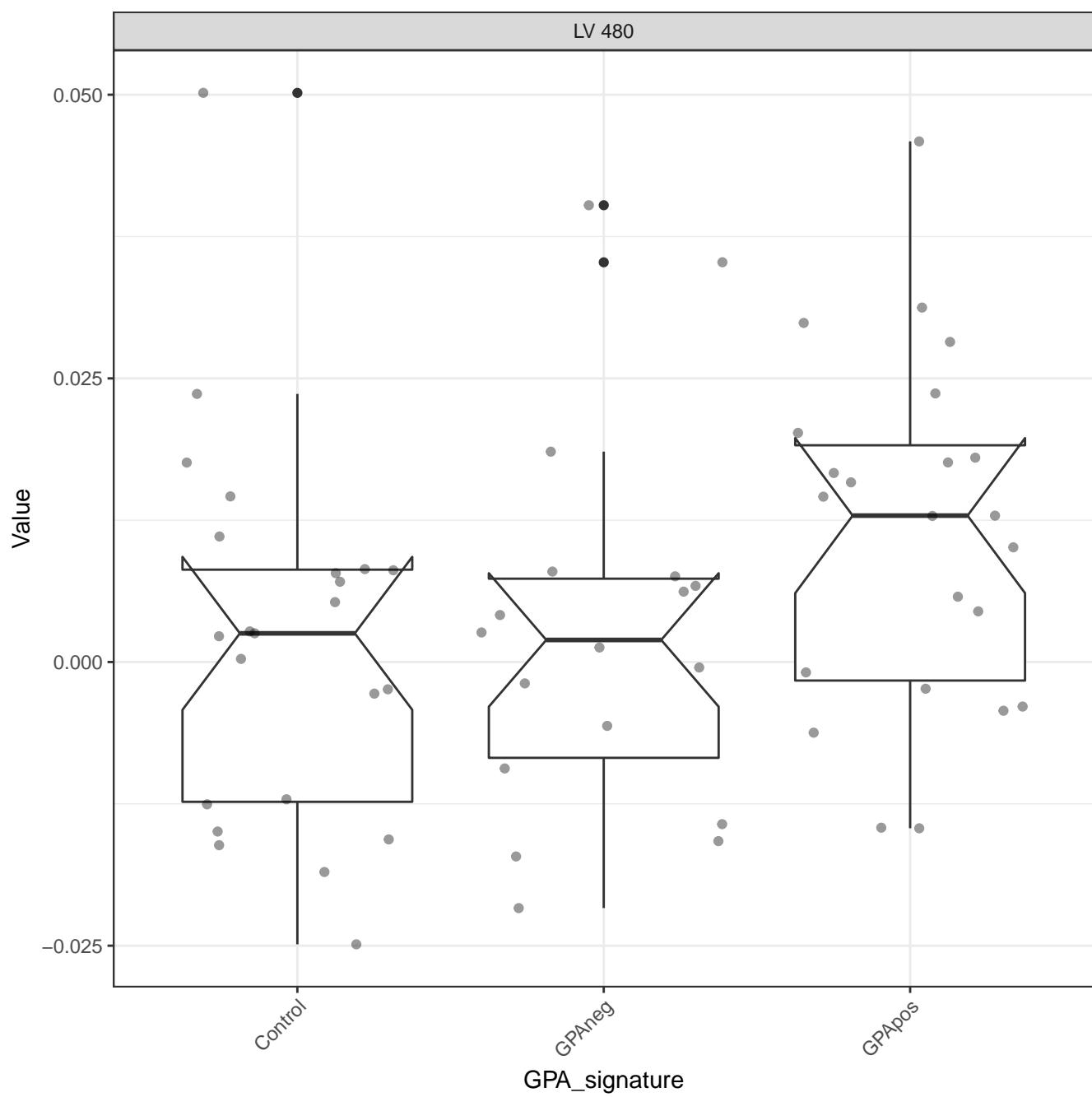
LV 478



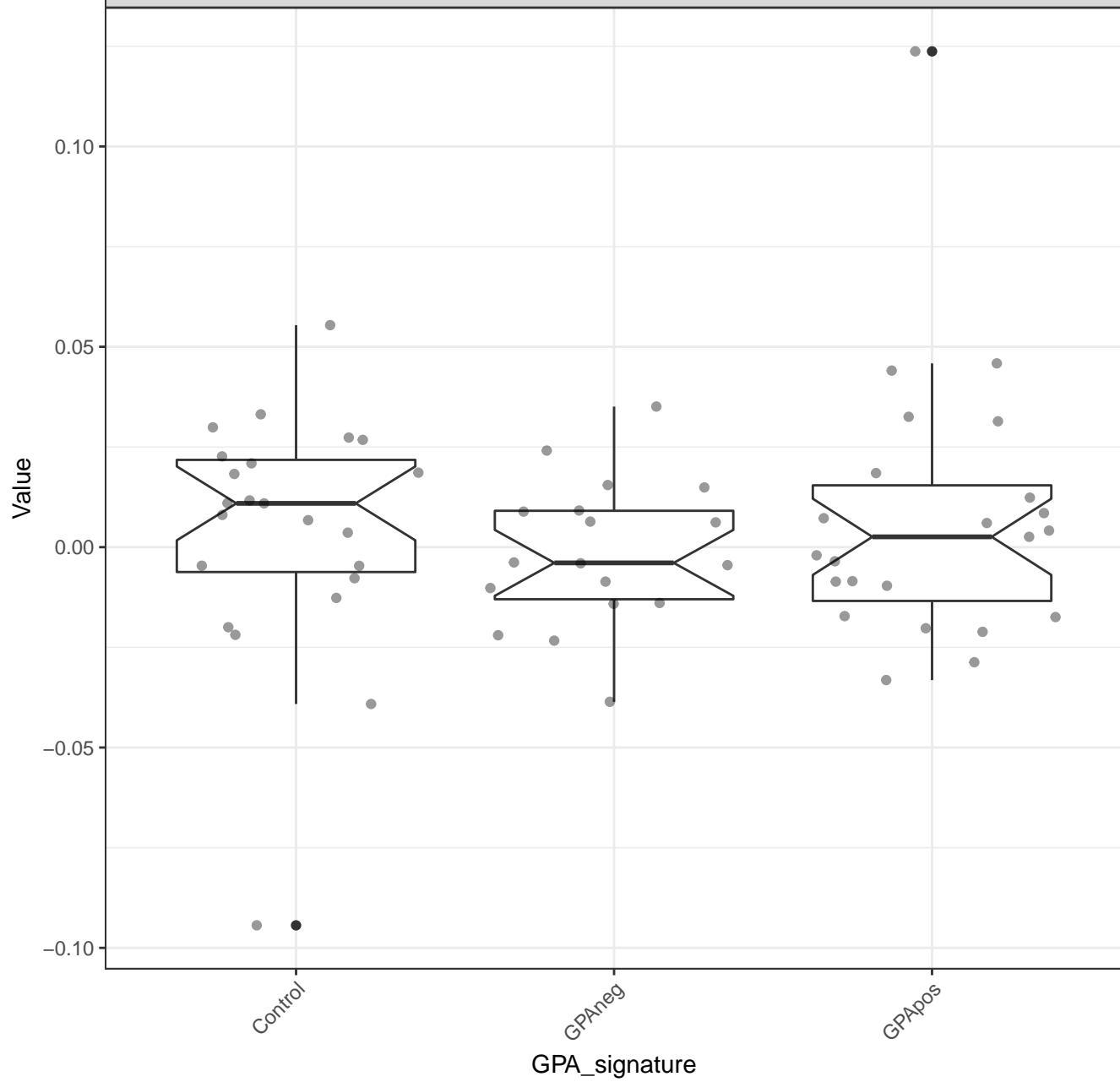
LV 479



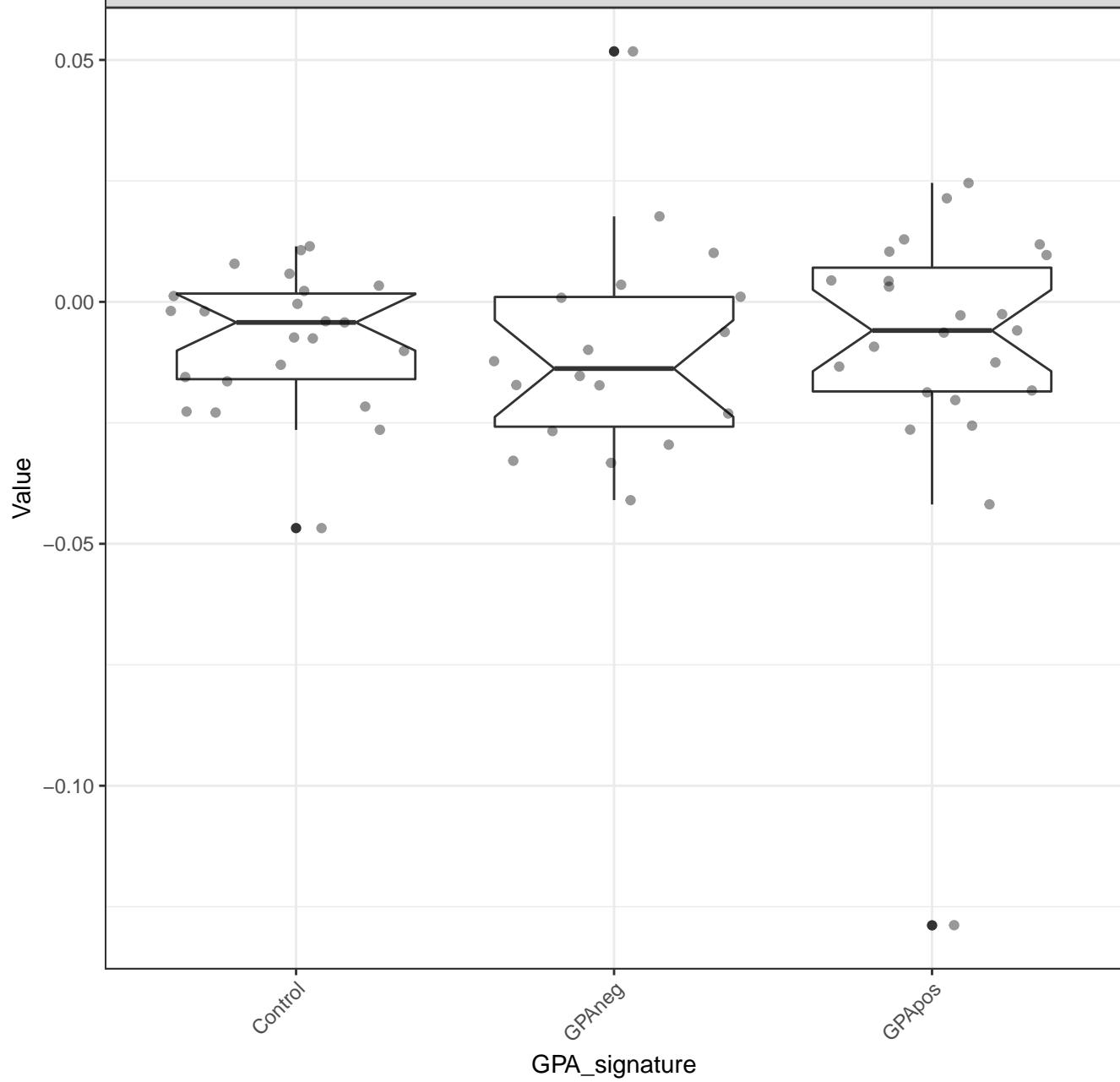
LV 480



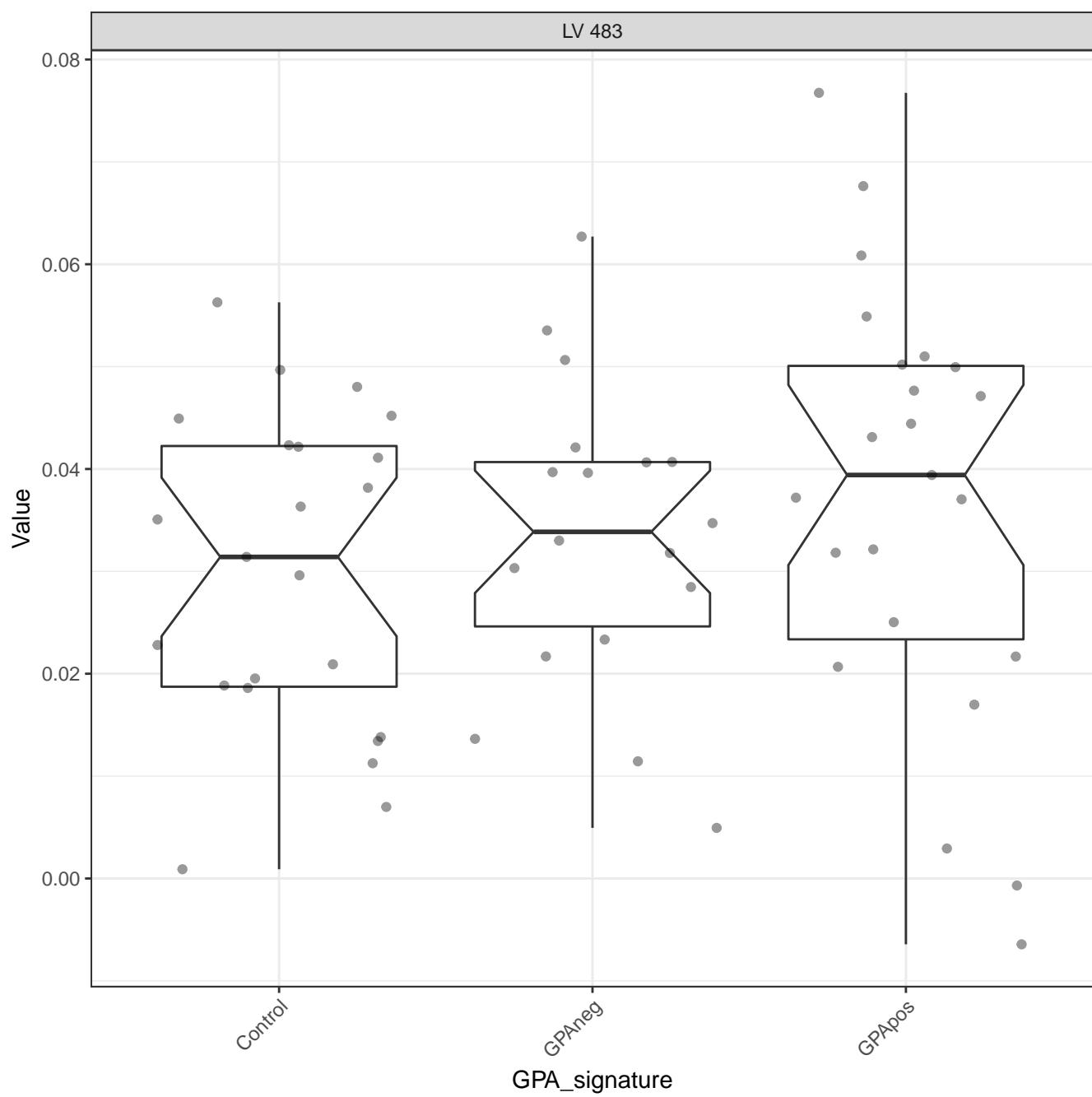
LV 481



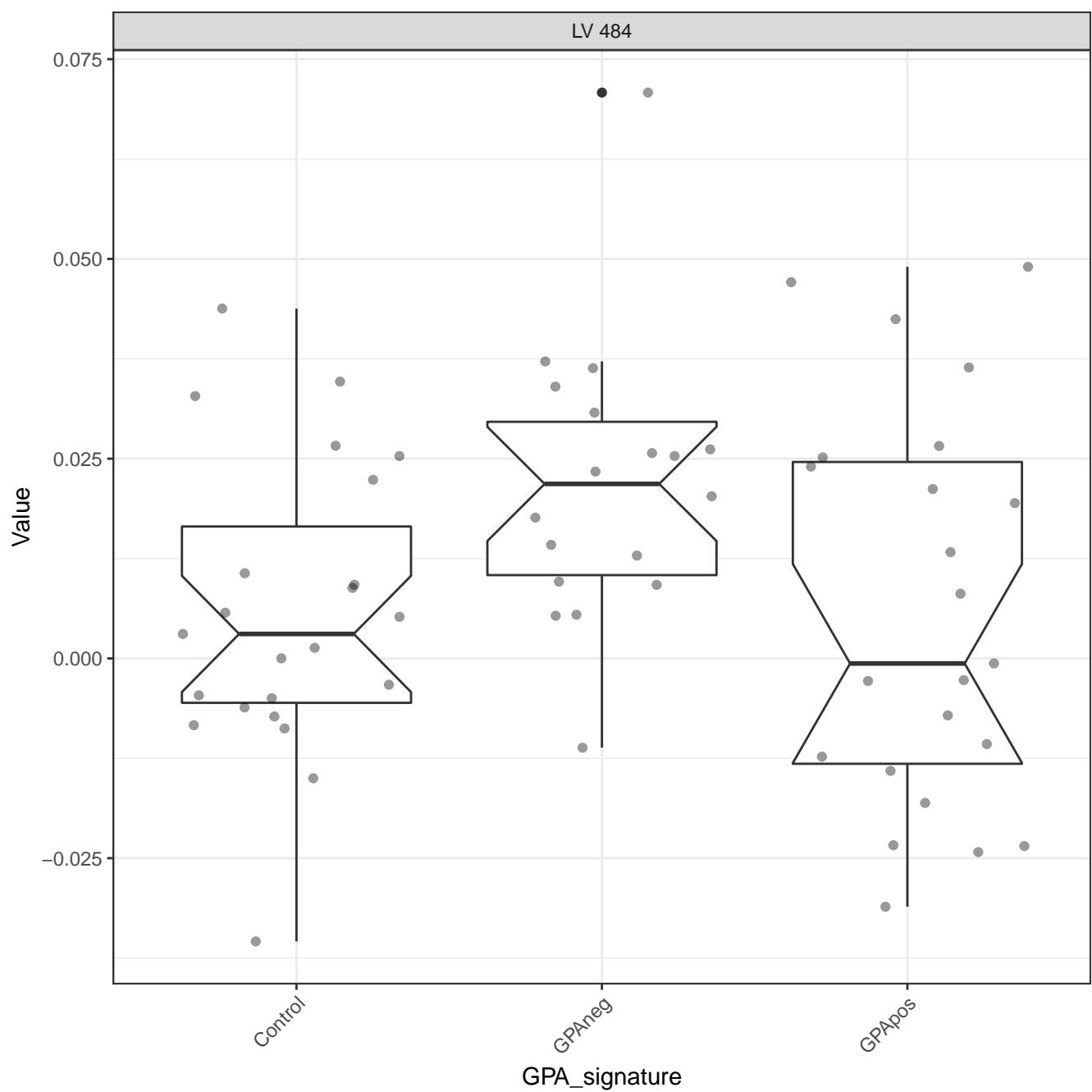
LV 482



LV 483



LV 484



LV 485

Value

0.04

0.02

0.00

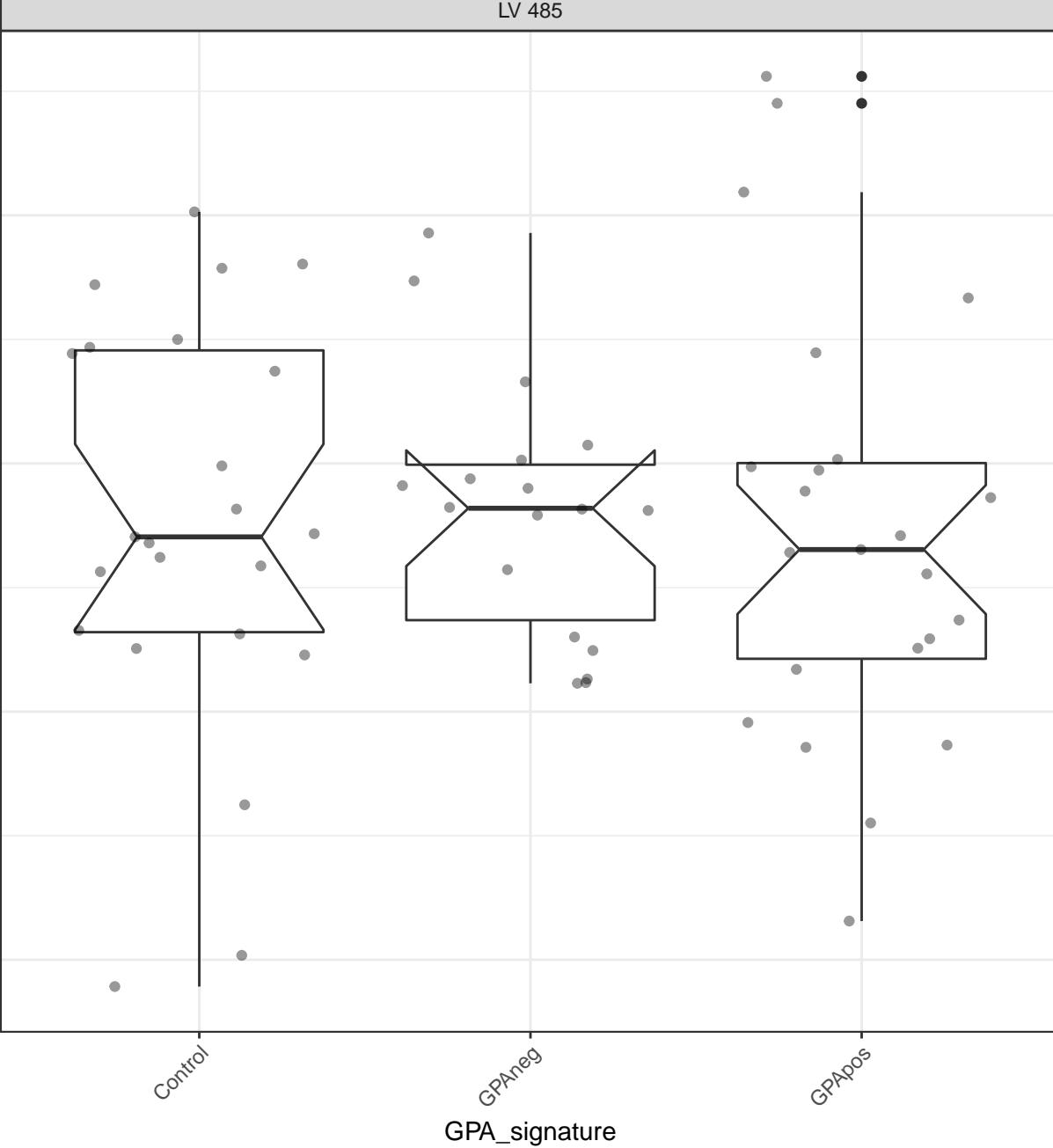
-0.02

Control

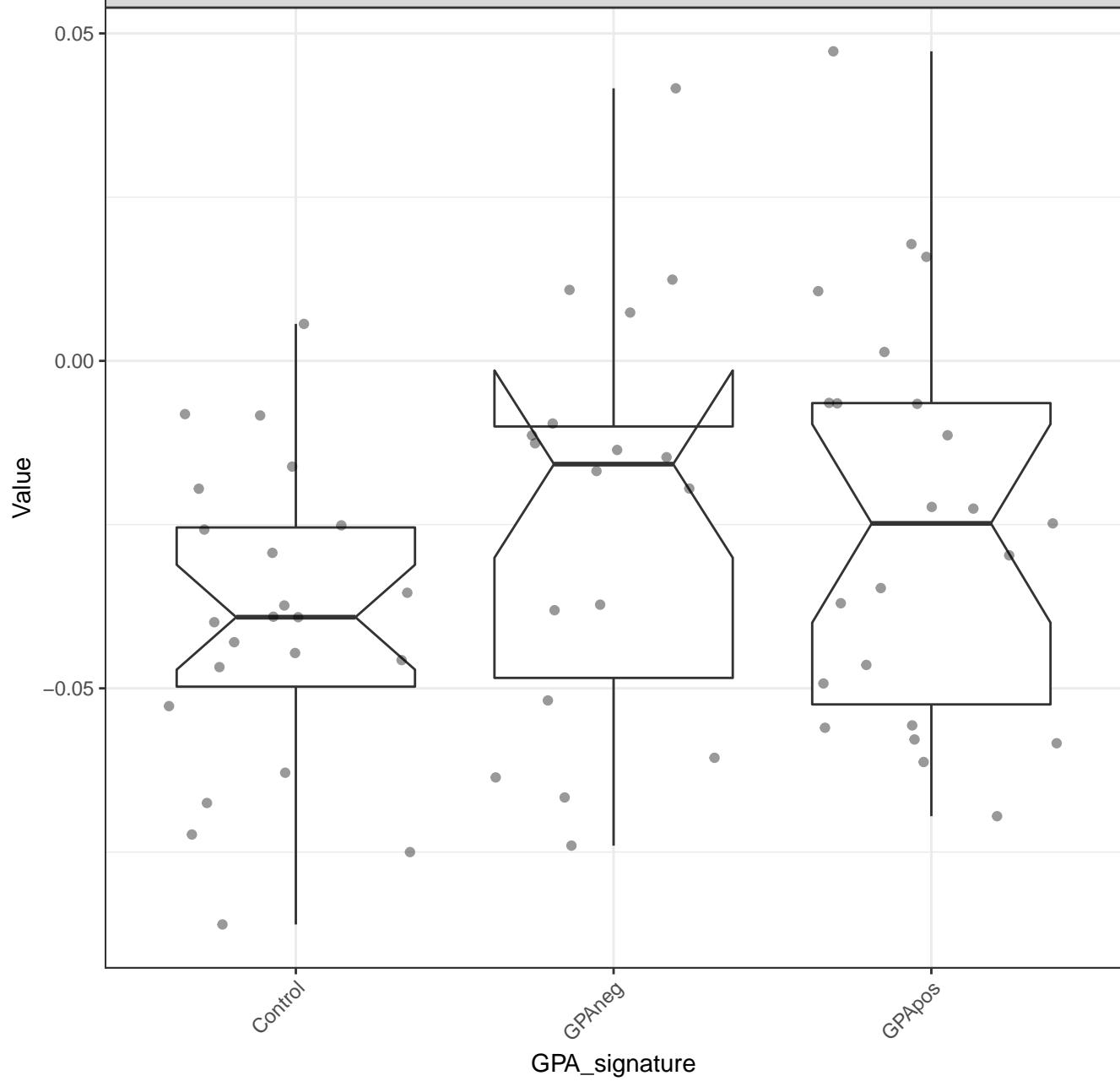
GPAneg

GPApos

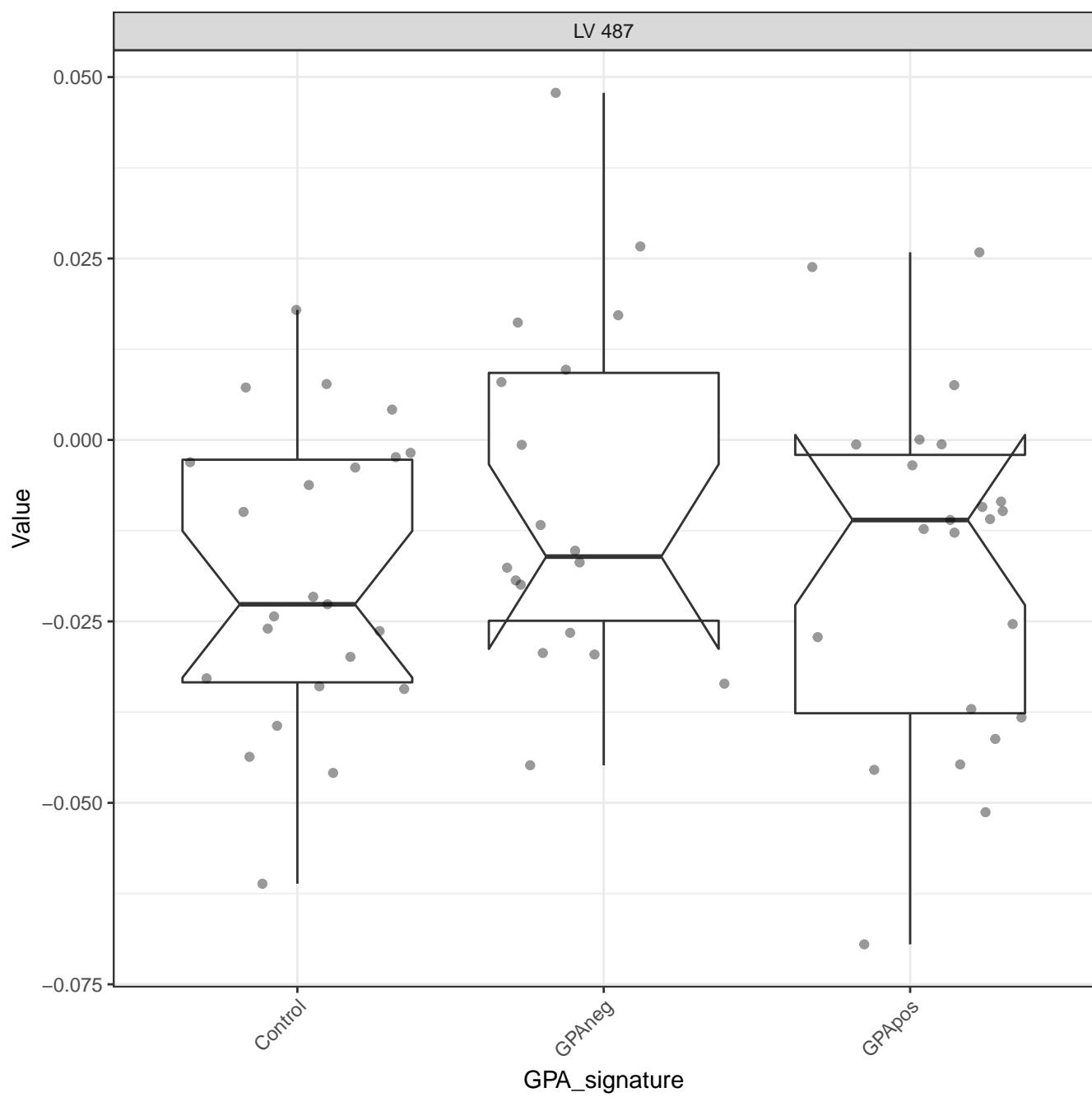
GPA_signature



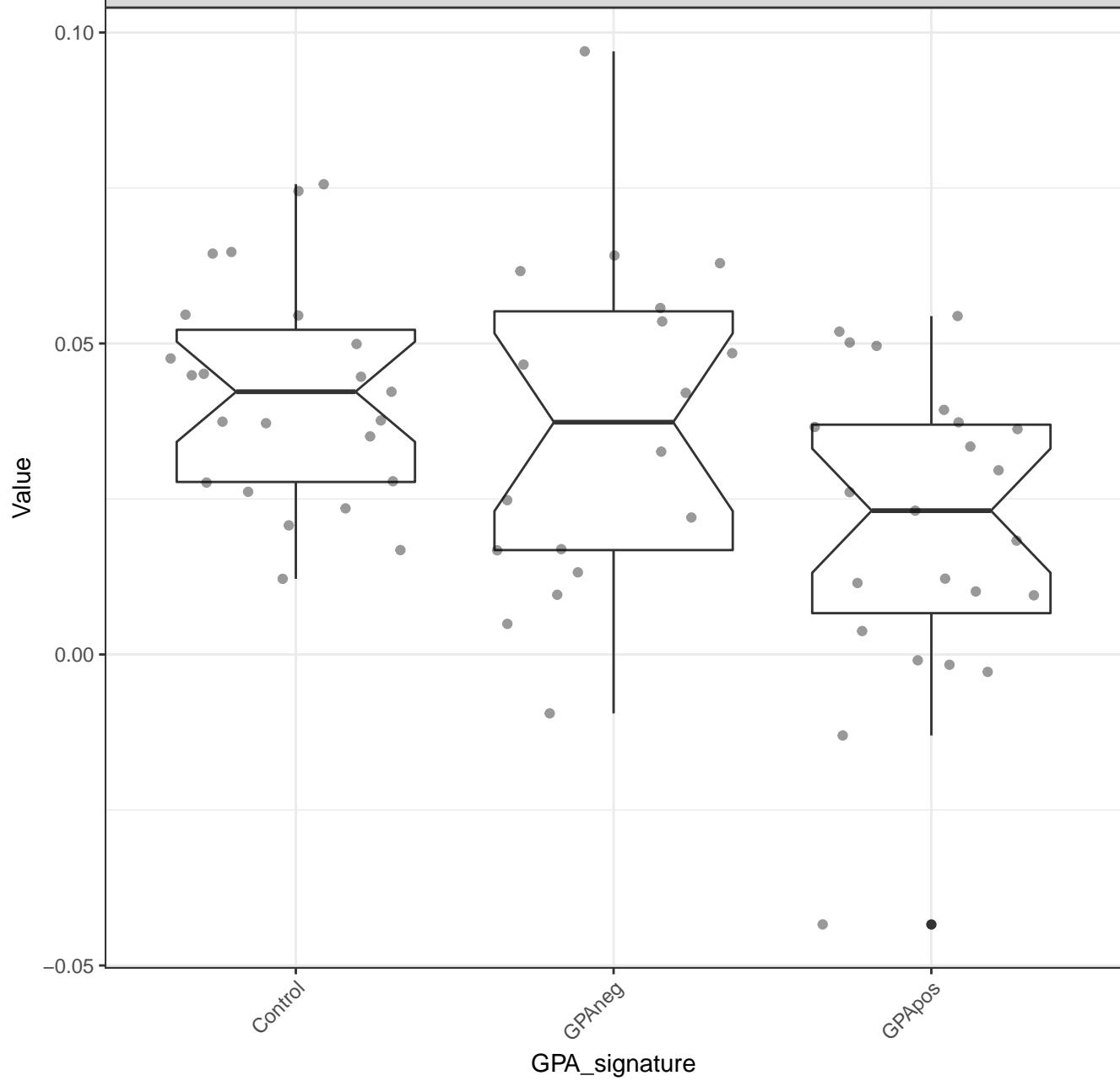
LV 486



LV 487



LV 488



LV 489

Value

0.04

0.02

0.00

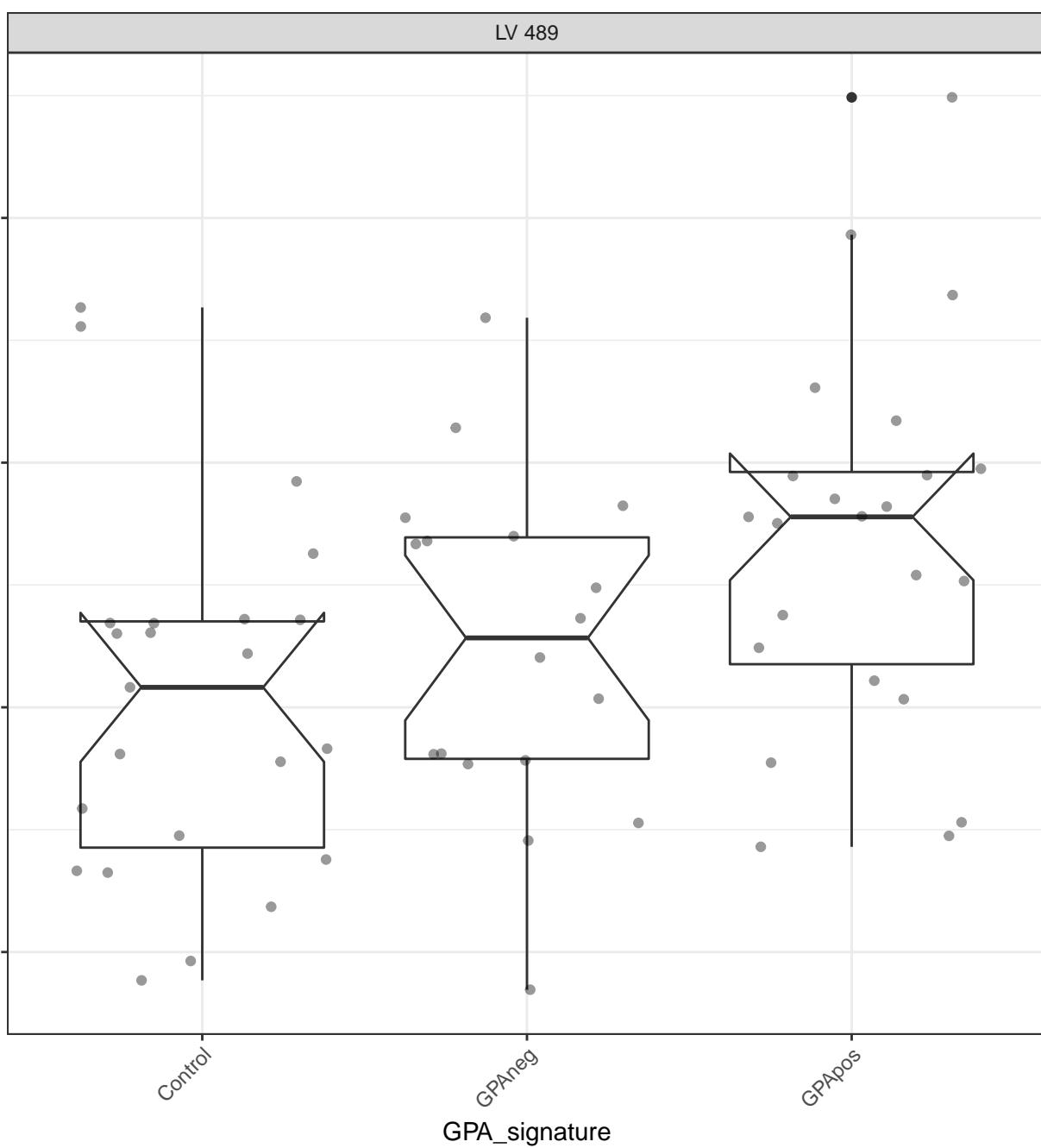
-0.02

Control

GPAneg

GPAPos

GPA_signature



LV 490

Value

0.02

0.00

-0.02

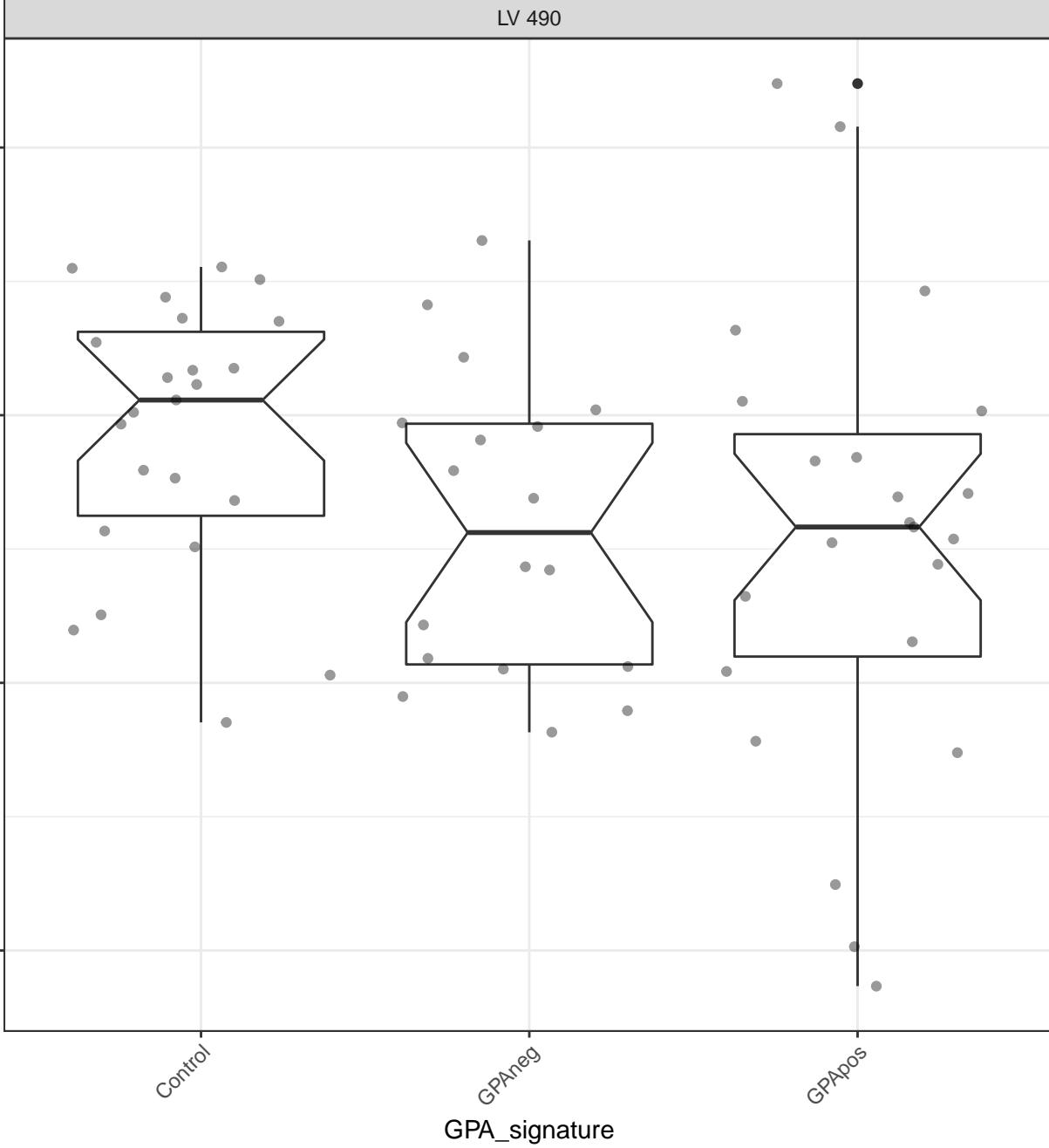
-0.04

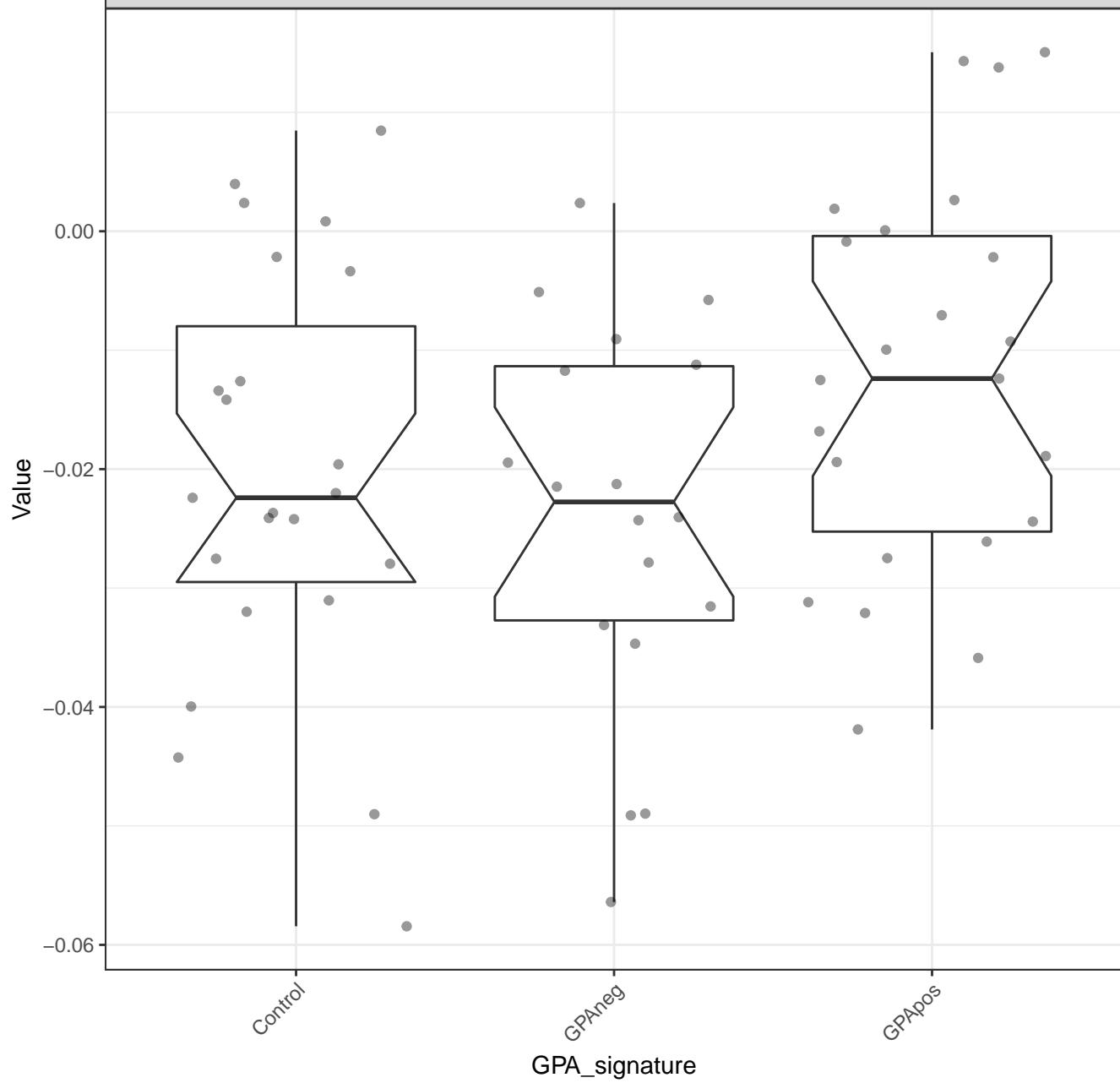
Control

GPAneg

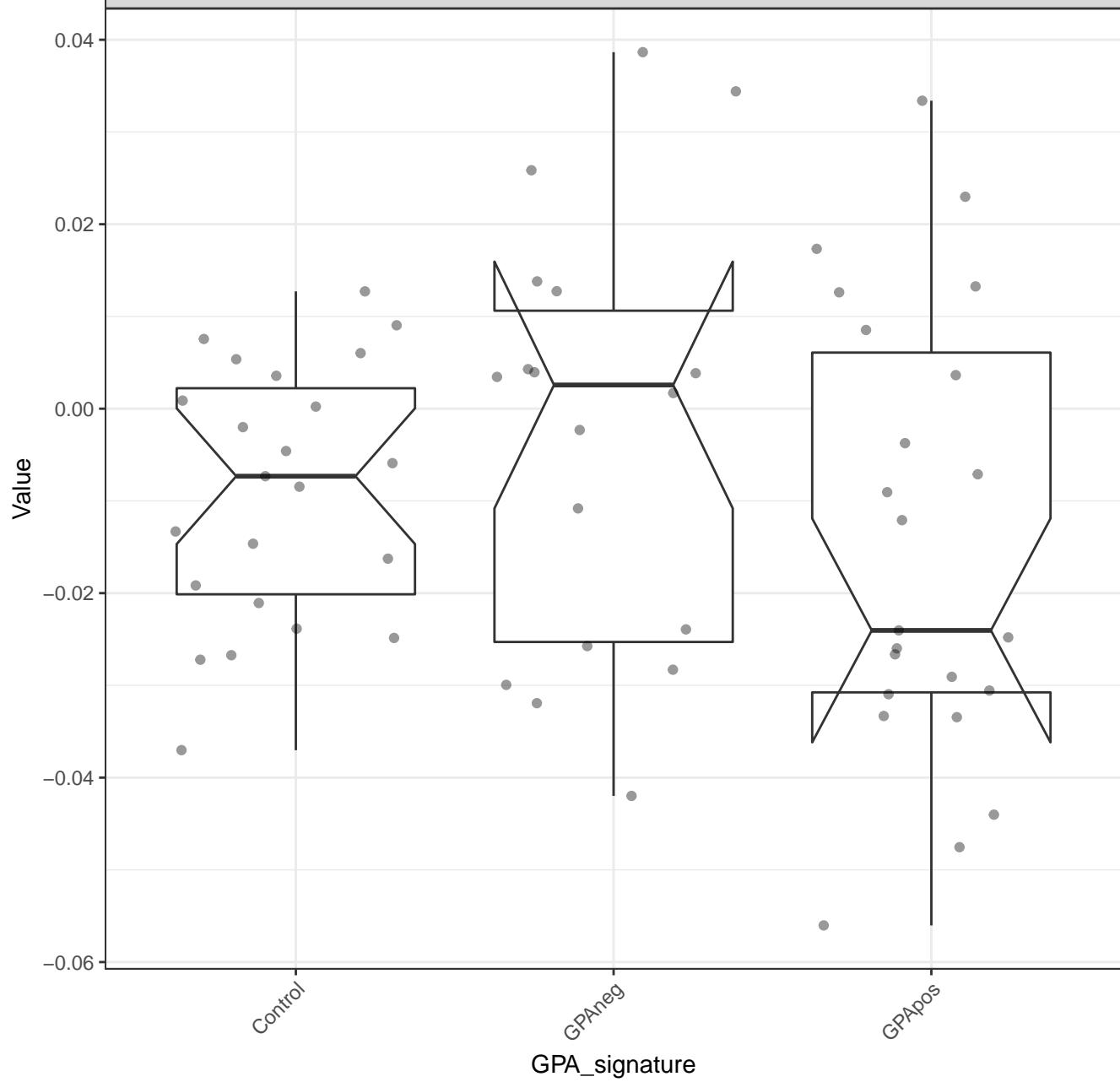
GPApos

GPA_signature

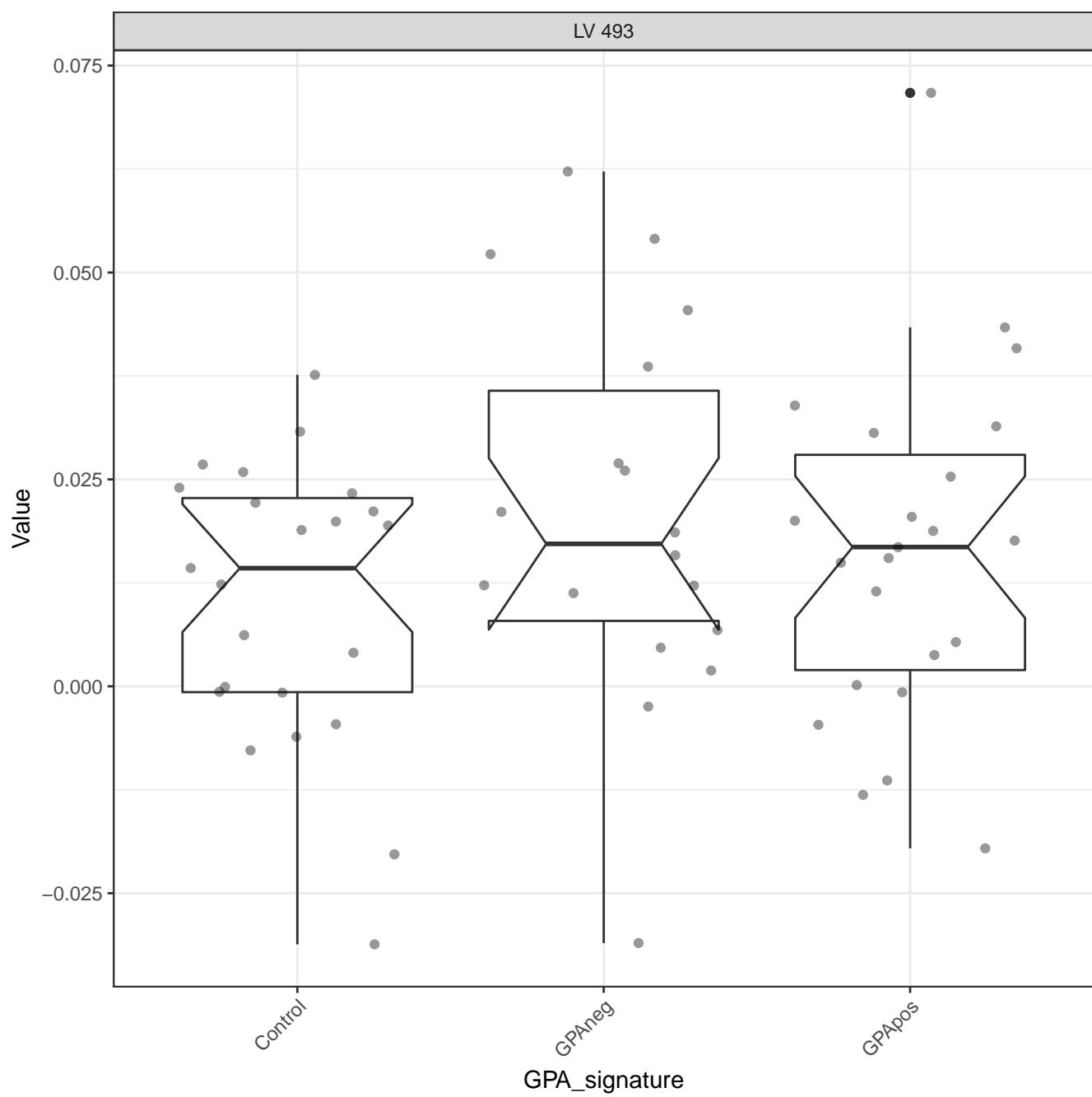




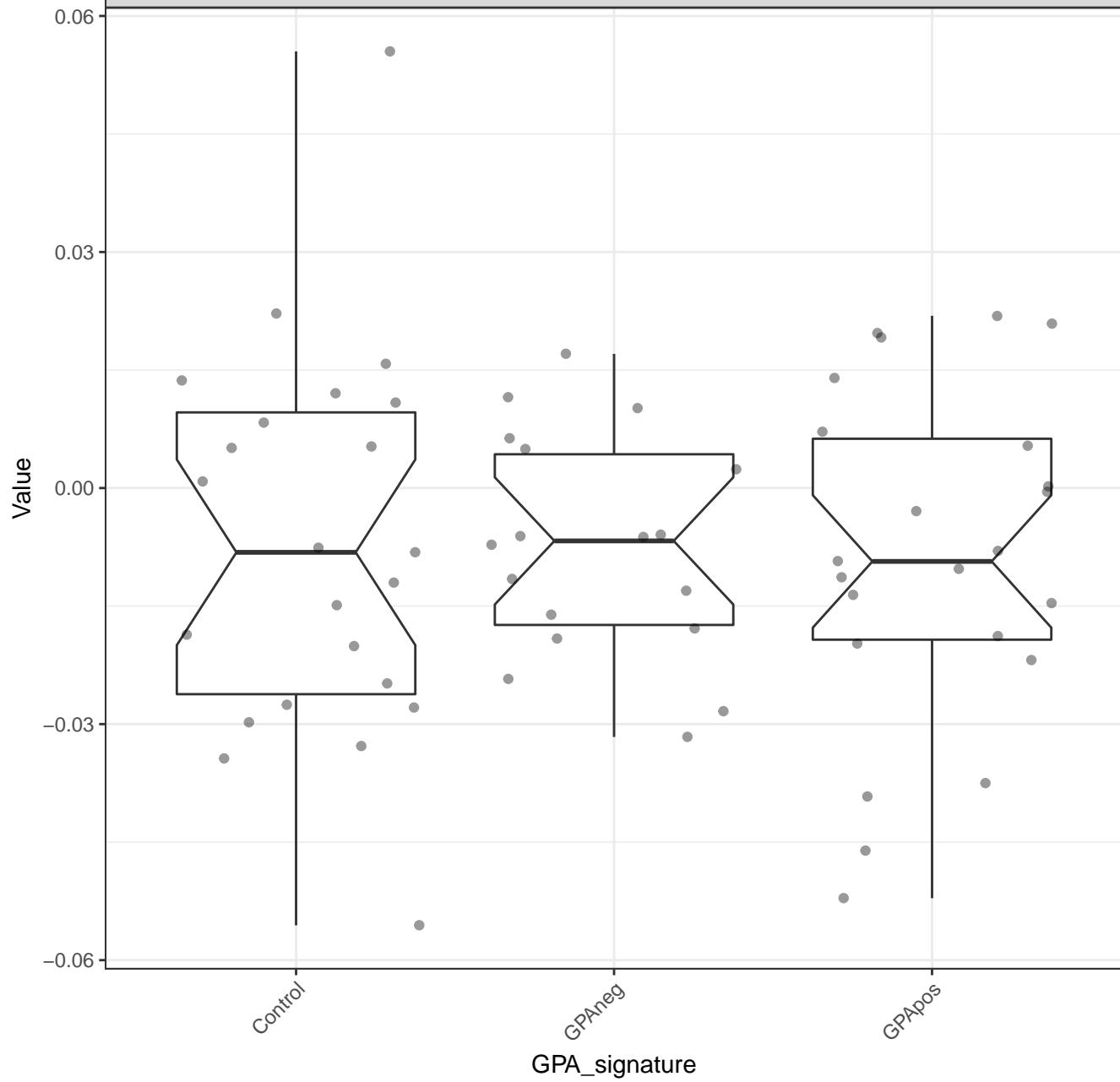
LV 492



LV 493



LV 494



LV 495

Value

0.06

0.03

0.00

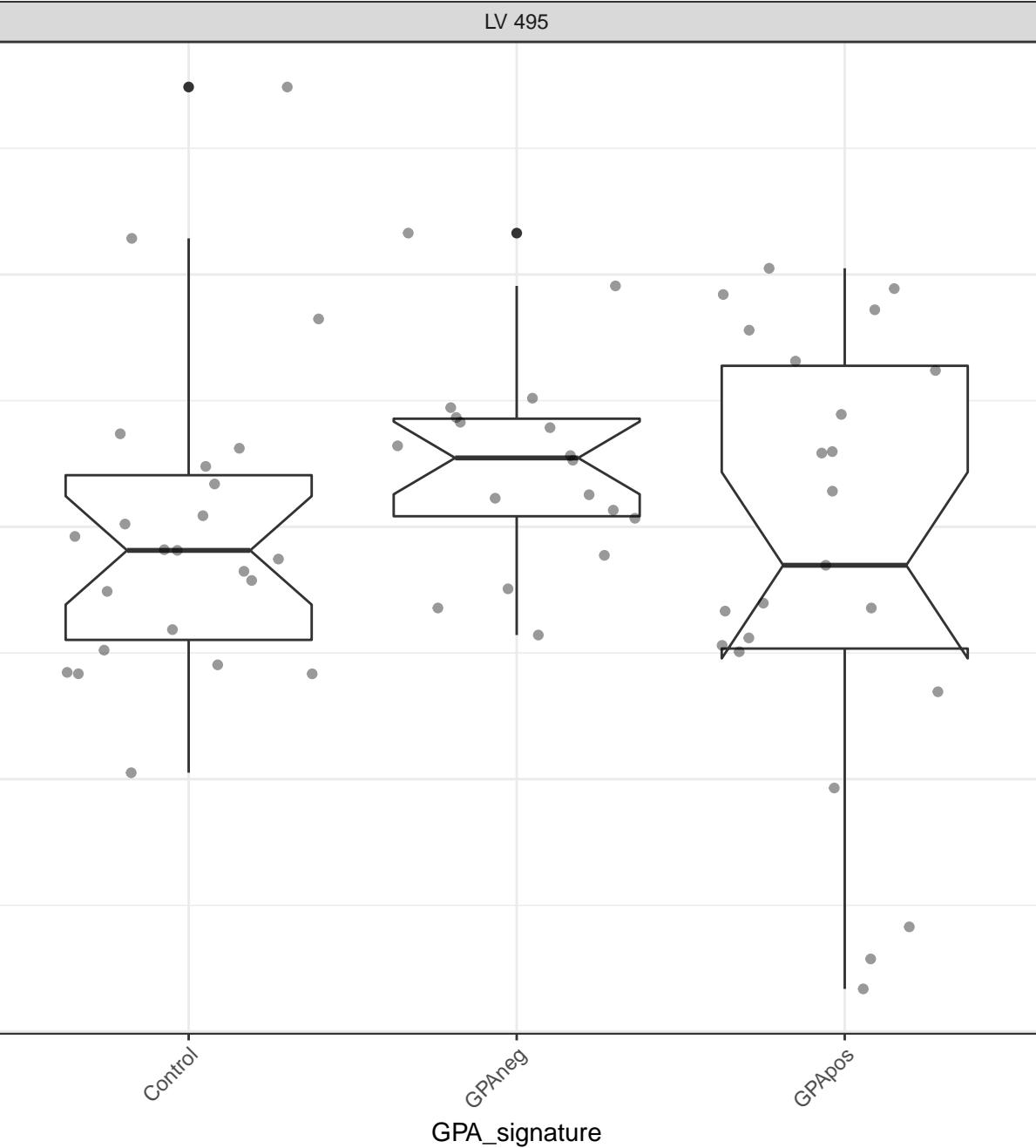
-0.03

Control

GPAneg

GPApos

GPA_signature



LV 496

Value

0.02

0.00

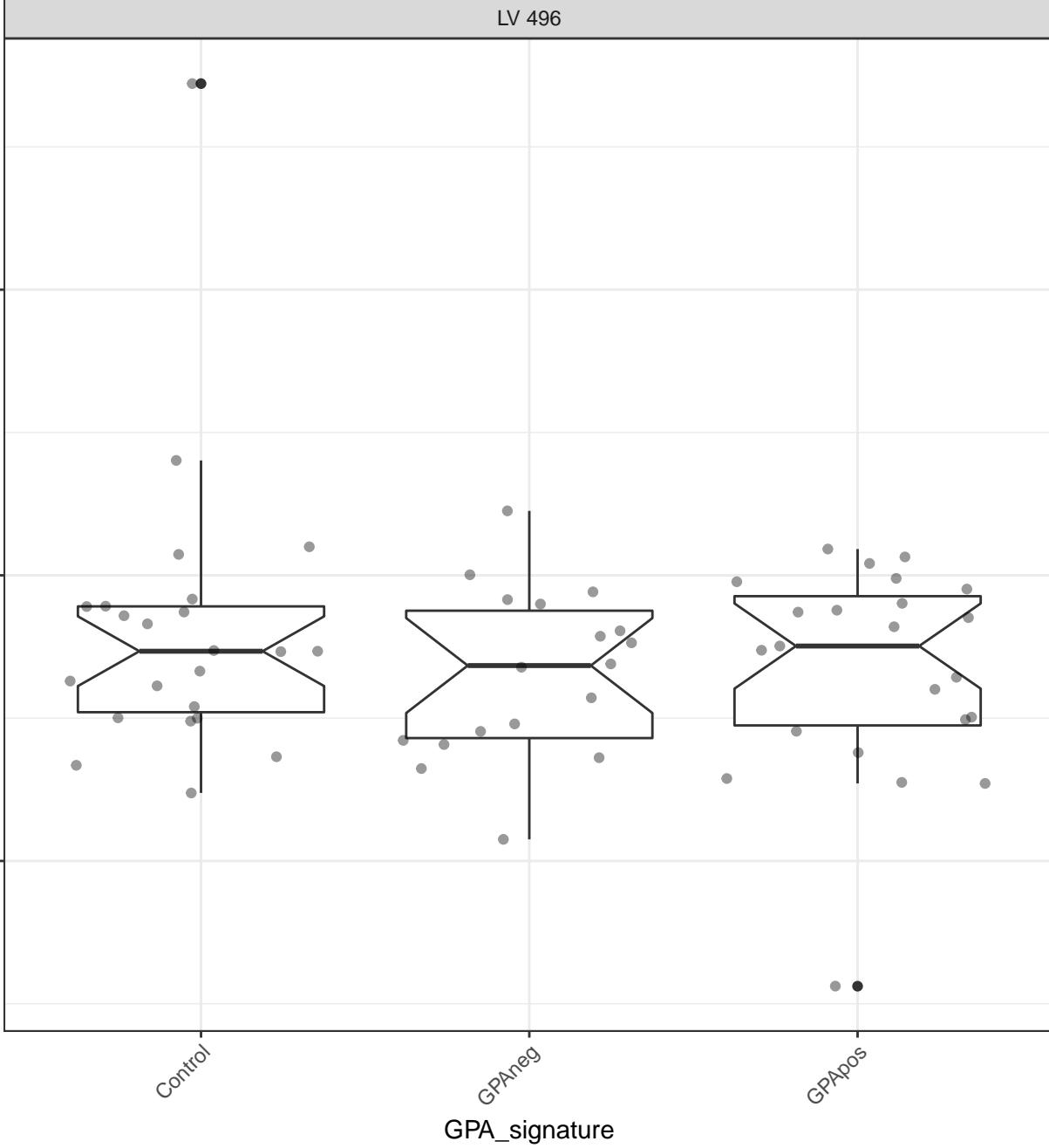
-0.02

Control

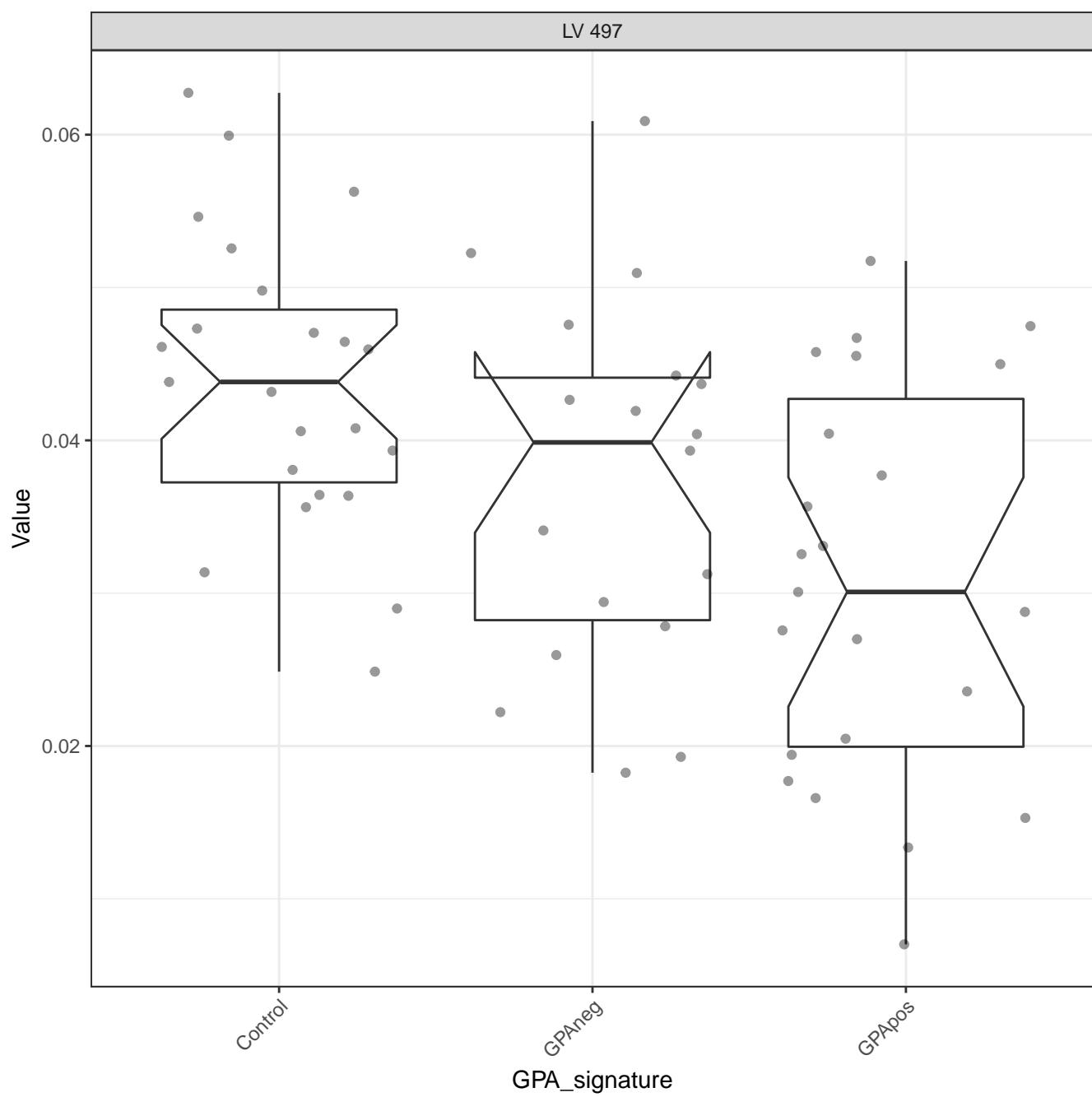
GPAneg

GPApos

GPA_signature



LV 497



LV 498

Value

0.05

0.01

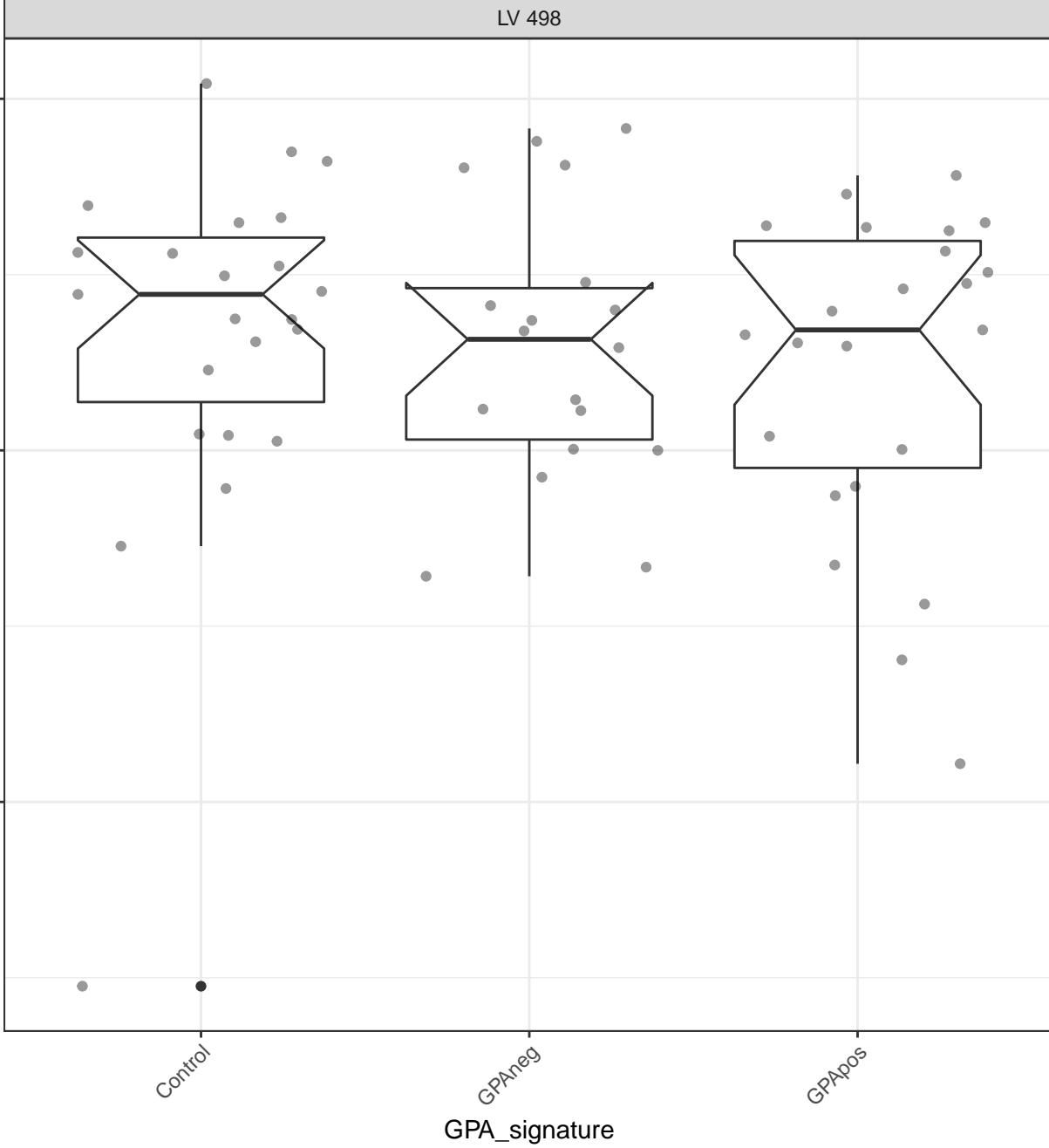
-0.05

Control

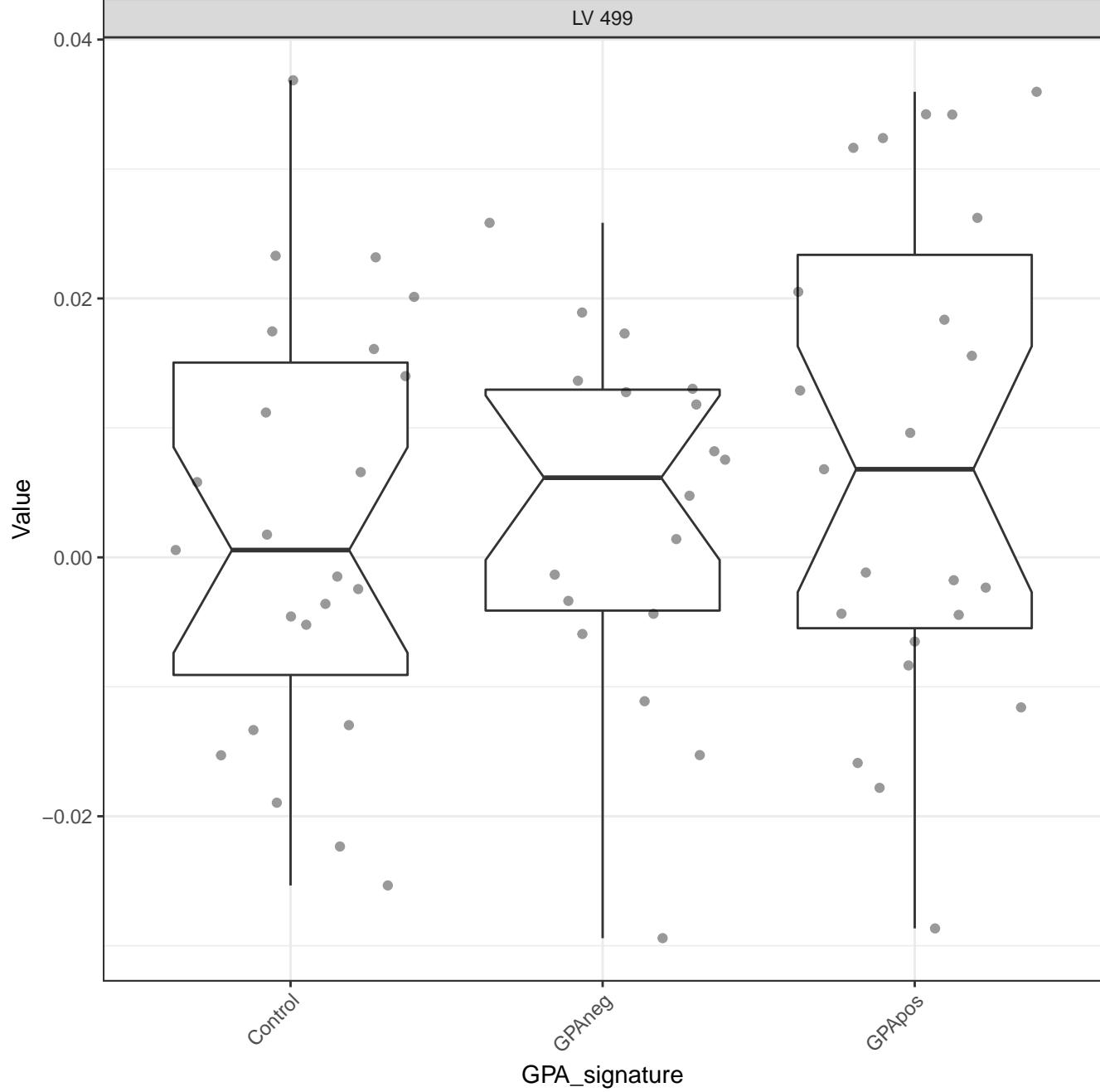
GPAneg

GPAPos

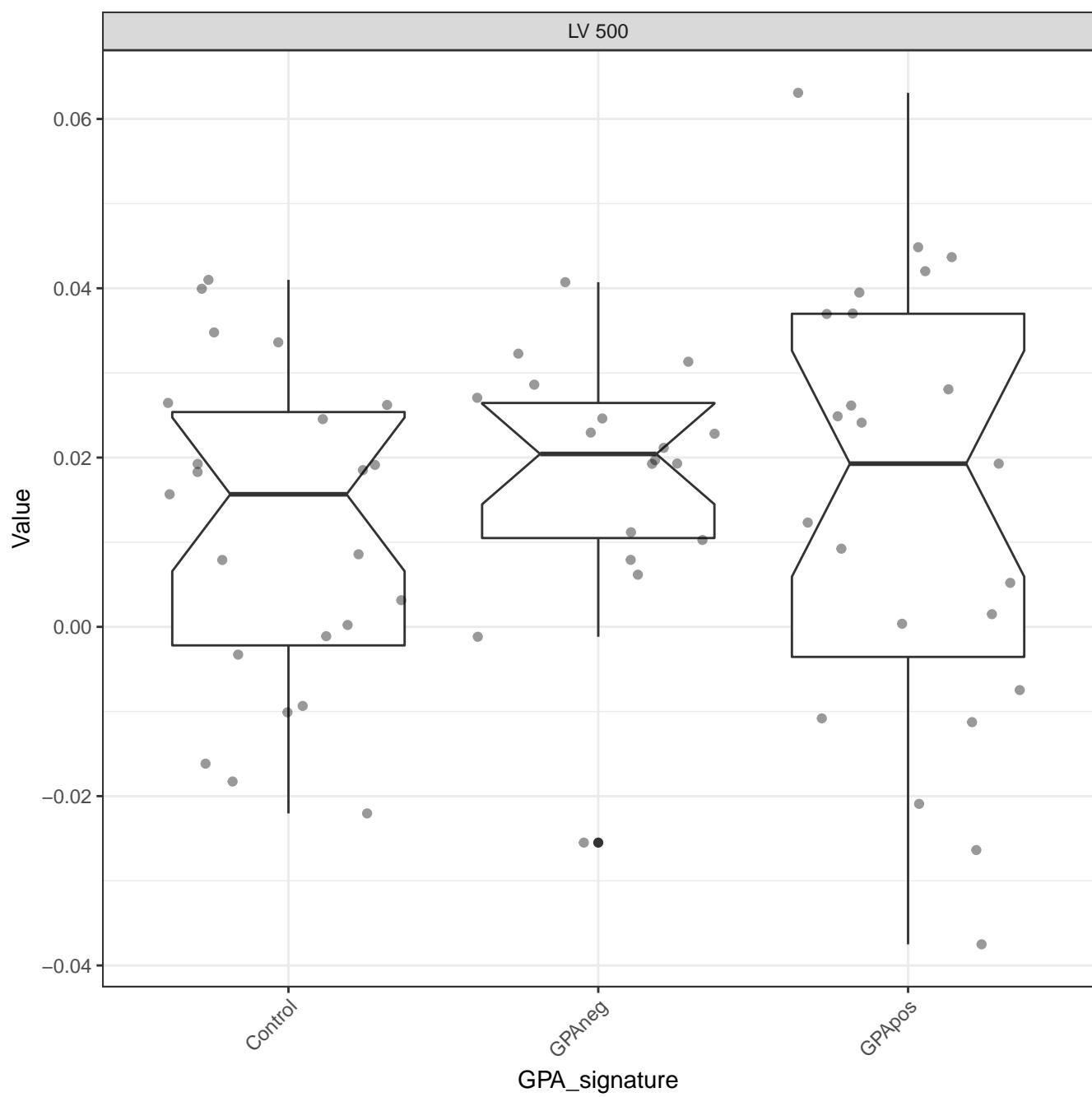
GPA_signature



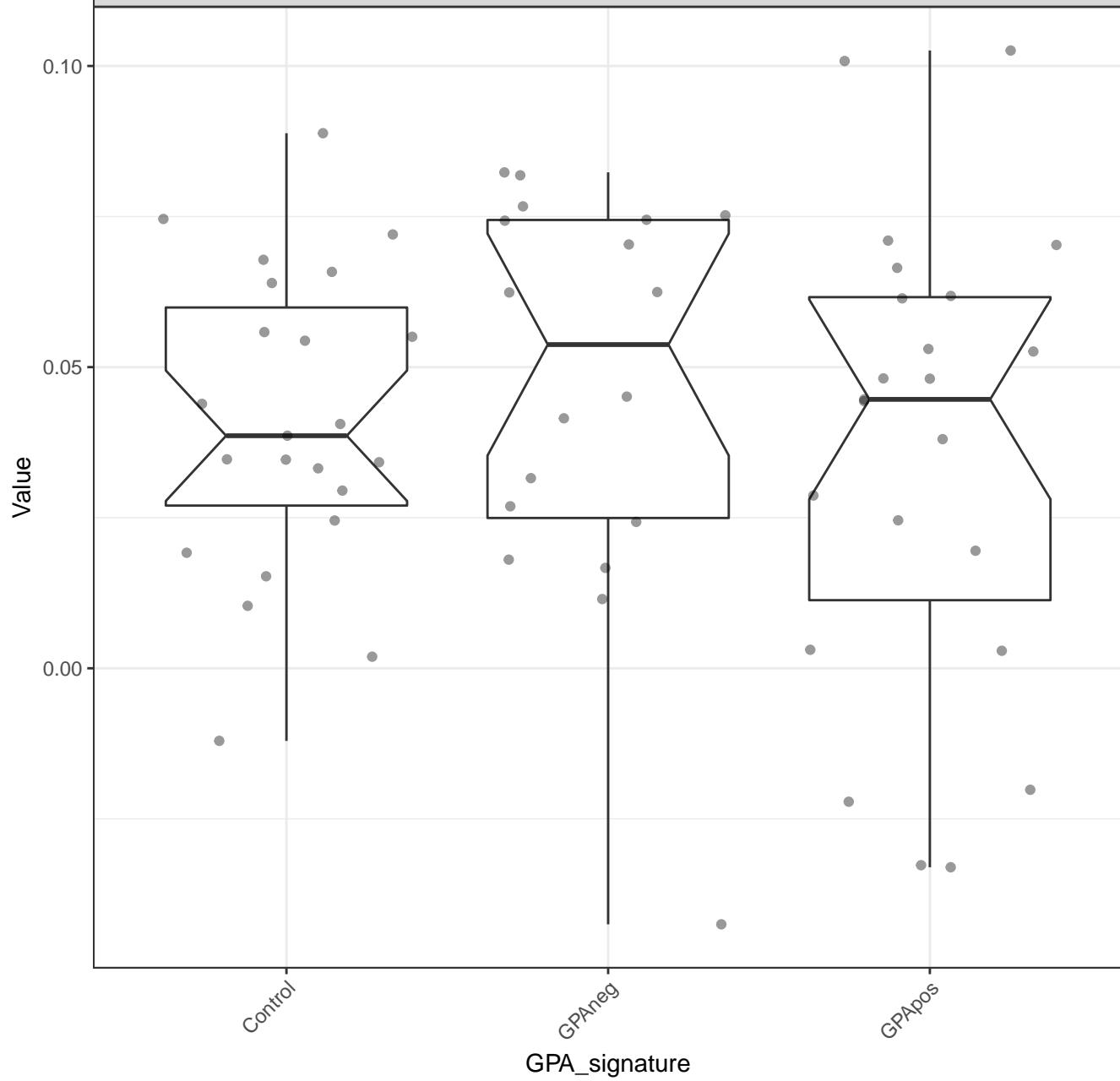
LV 499



LV 500



501,SVM NK cells activated



LV 502

Value

0.04

0.02

0.00

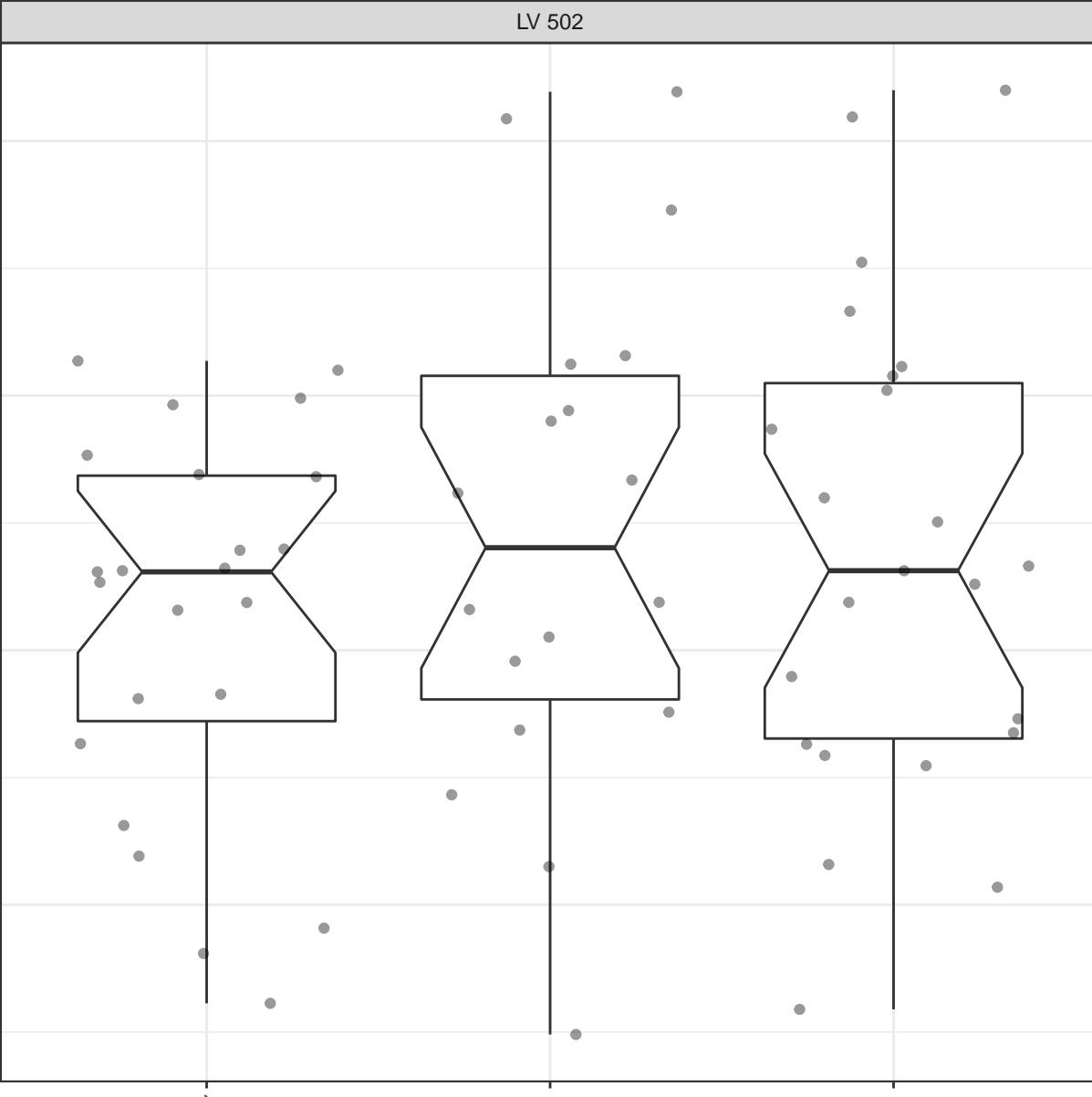
-0.02

Control

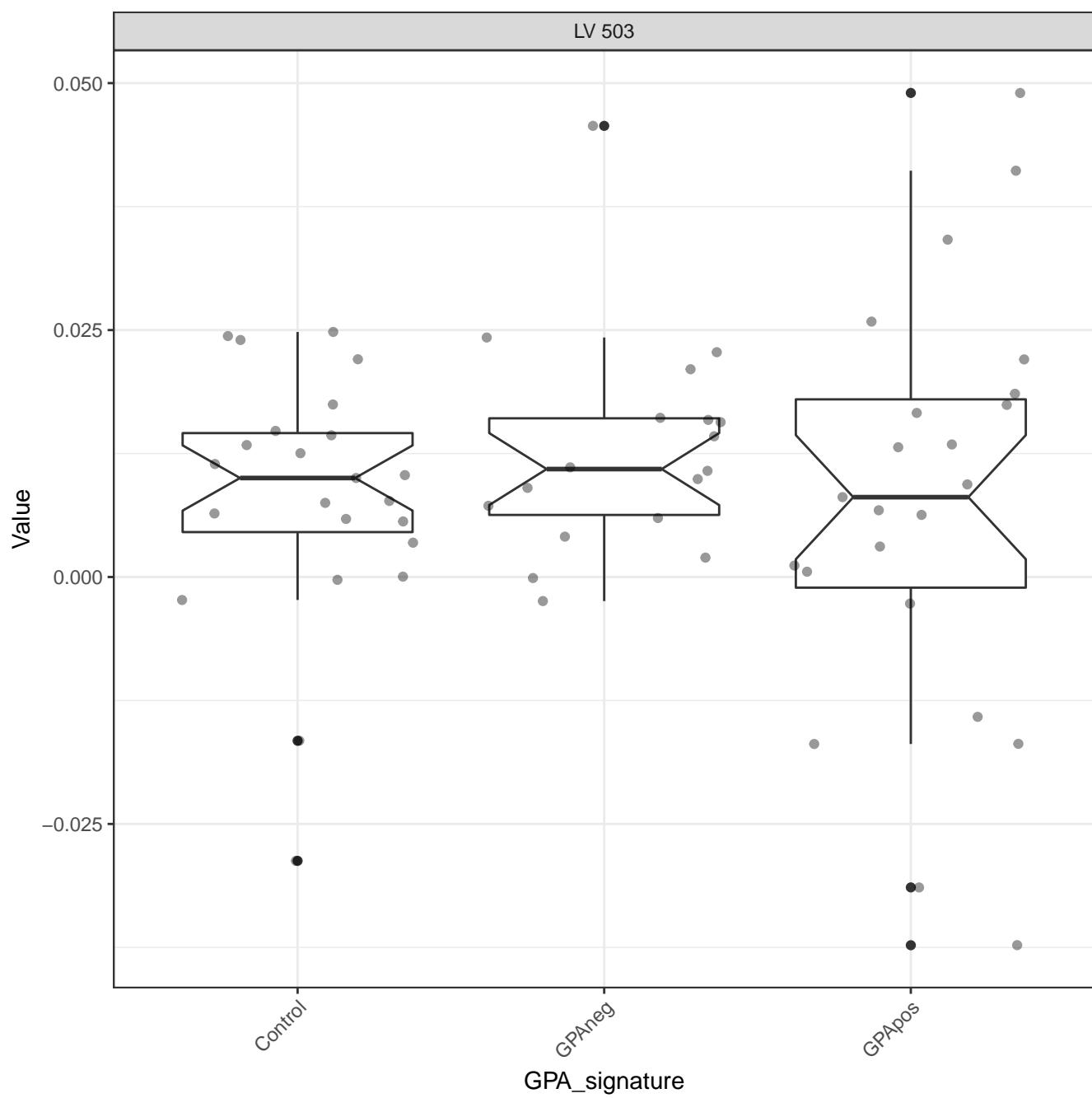
GPA_signature

GPAneg

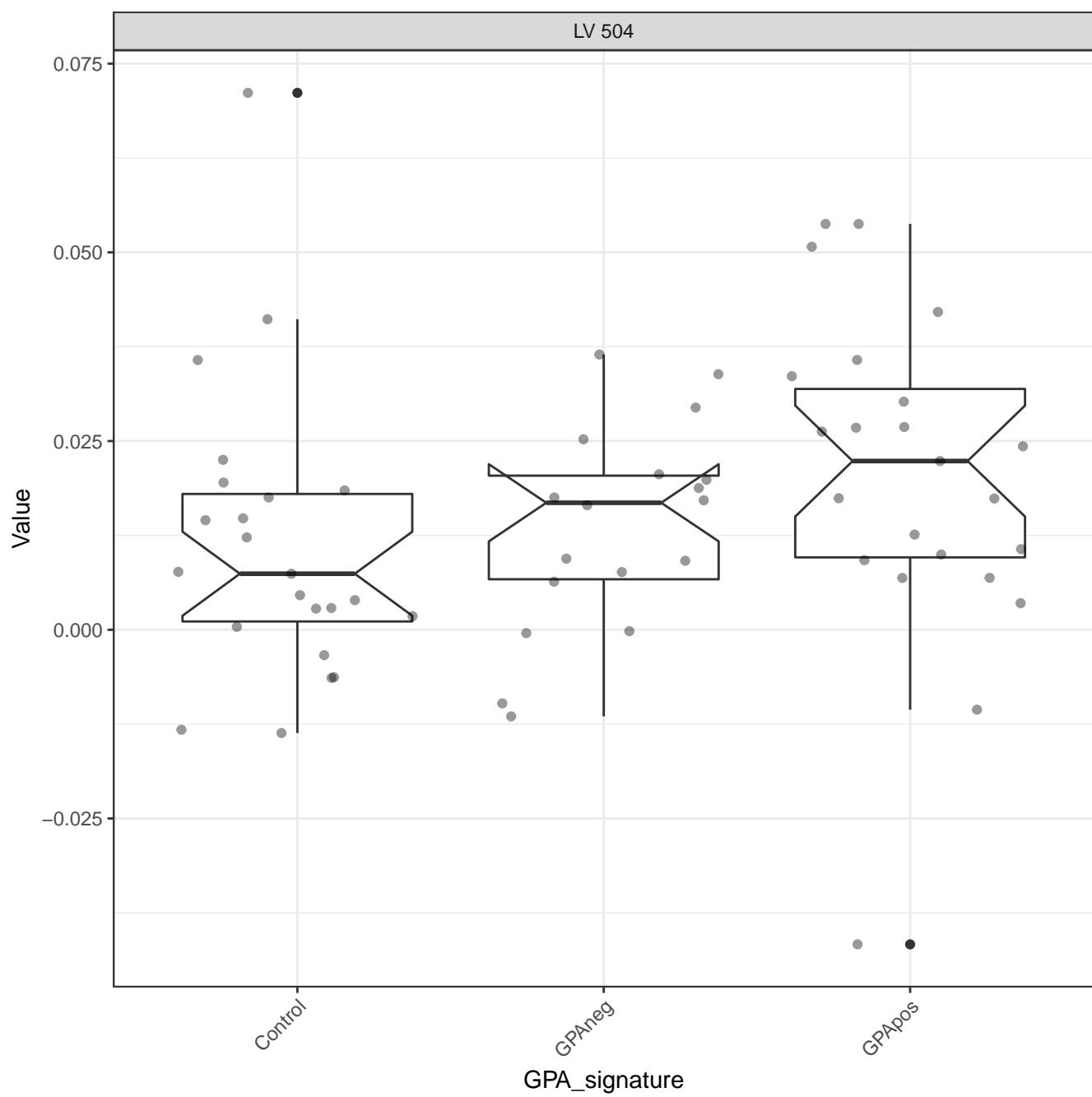
GPApos



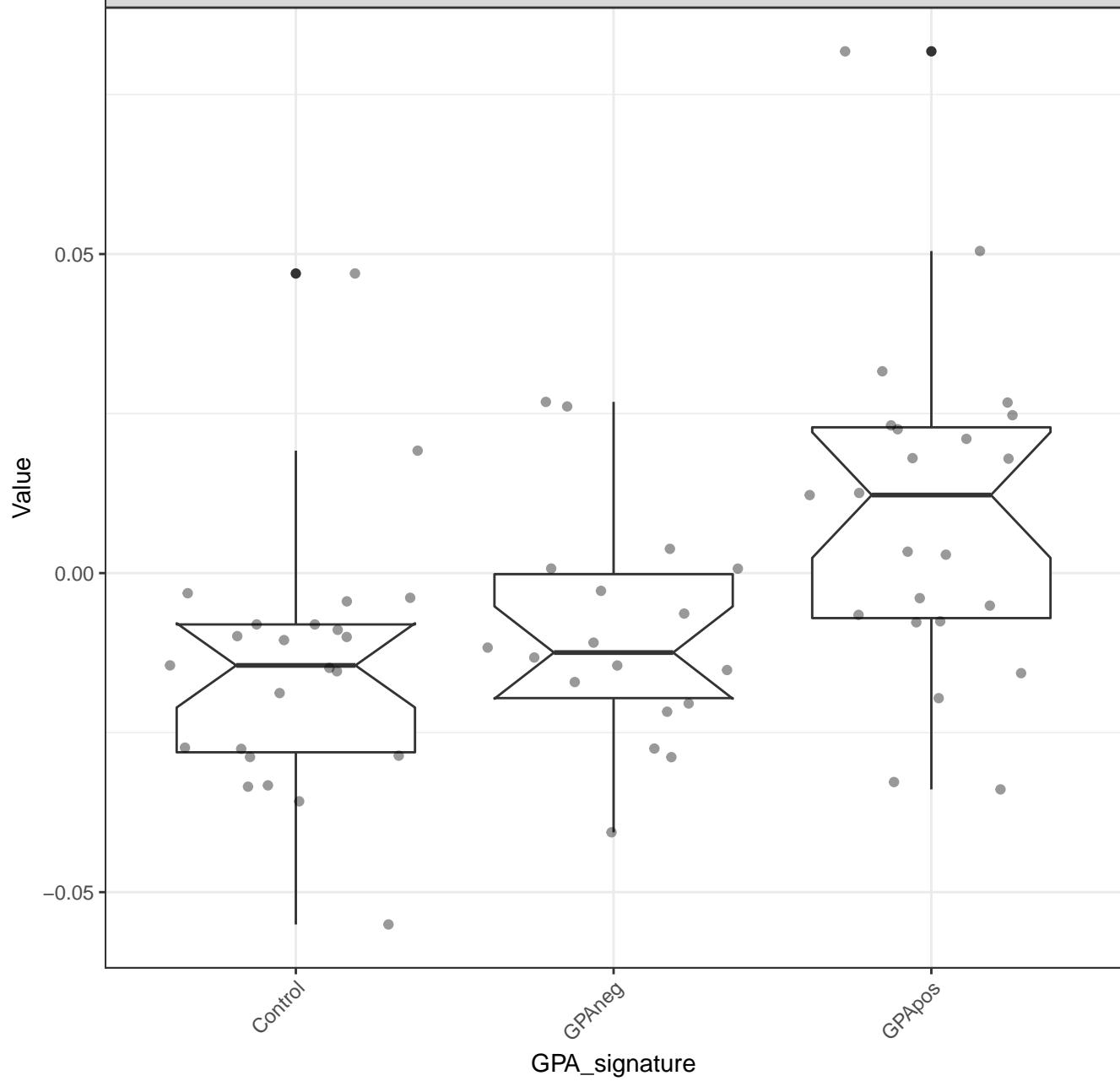
LV 503



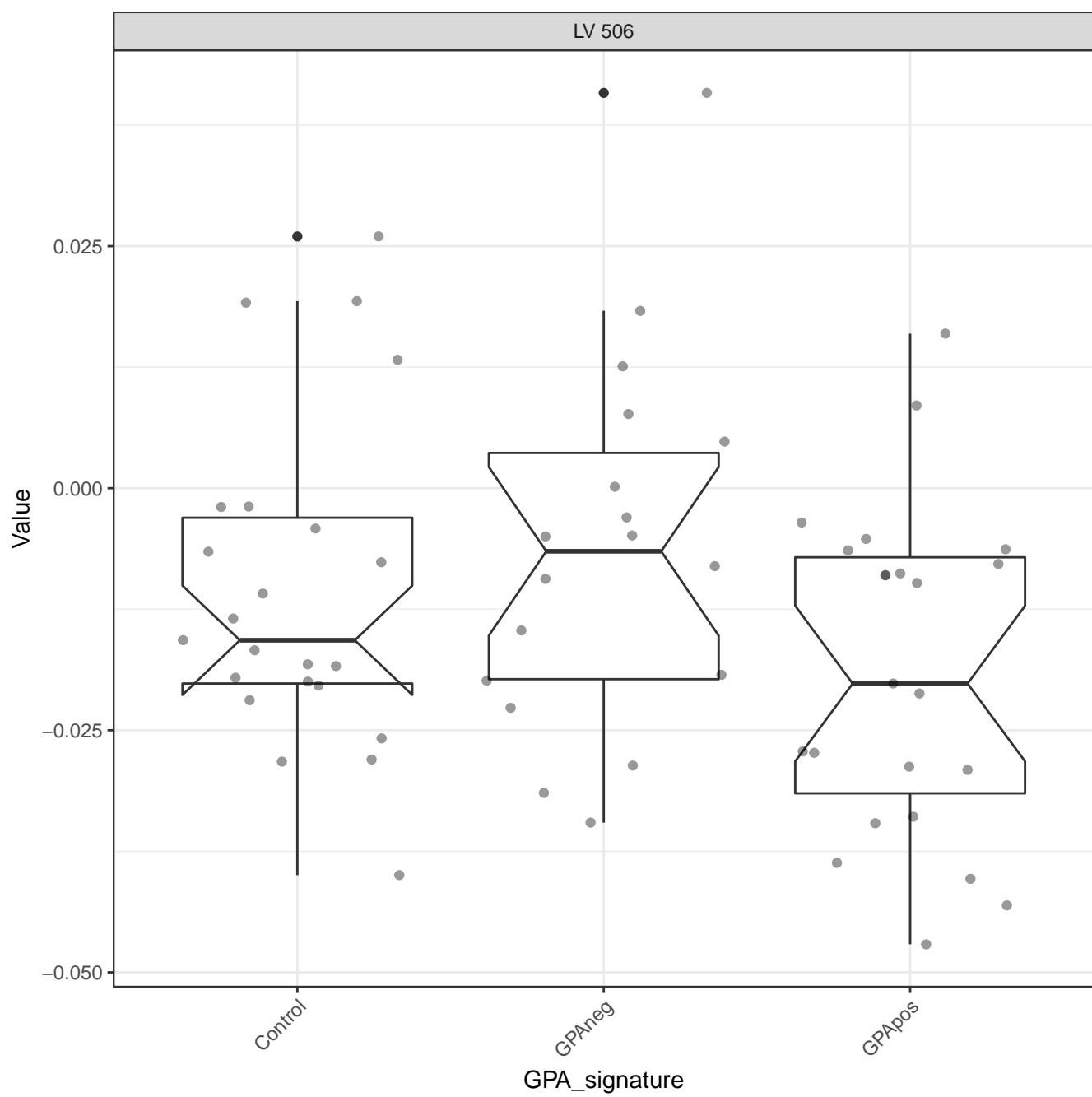
LV 504



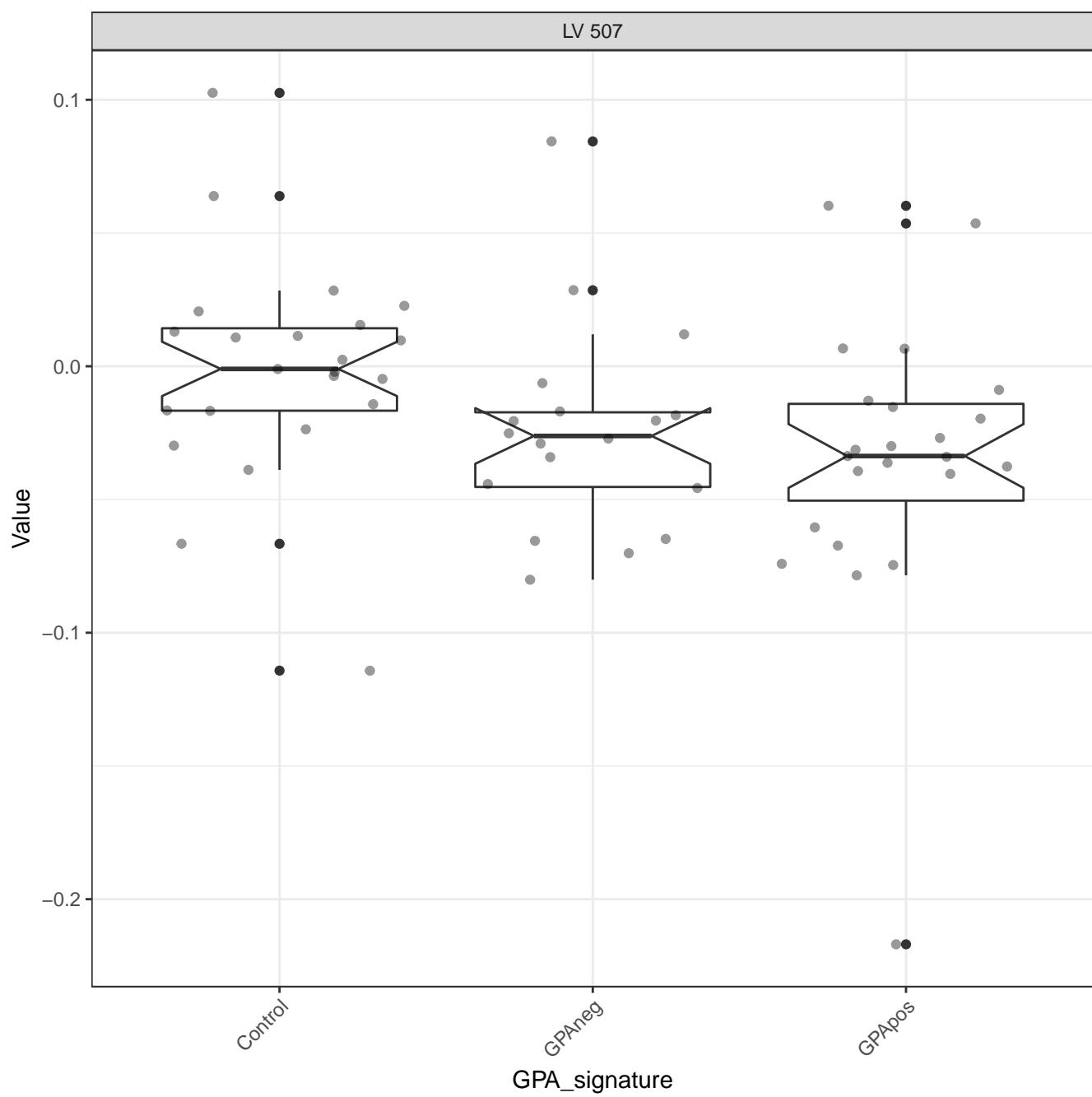
LV 505



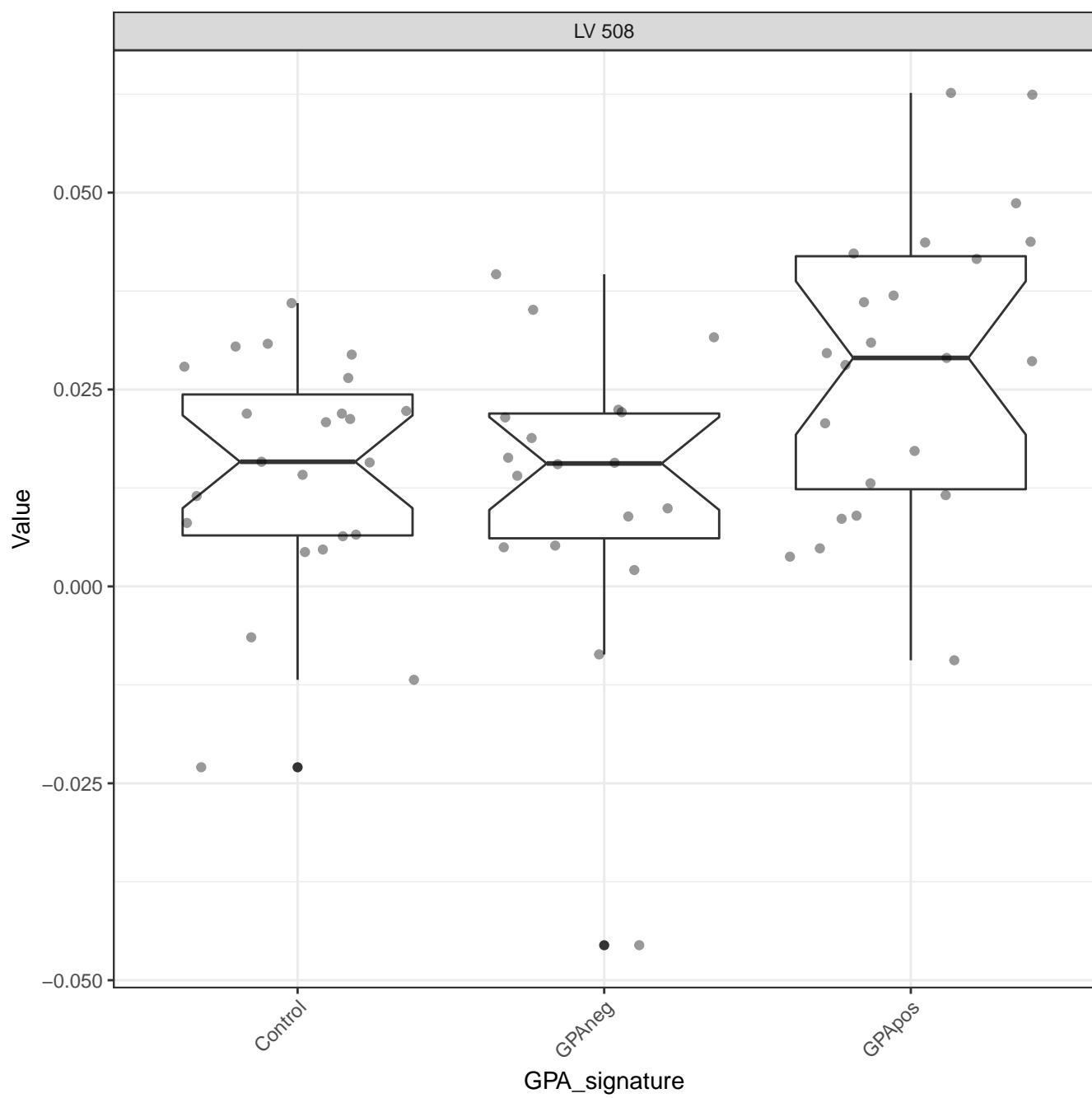
LV 506



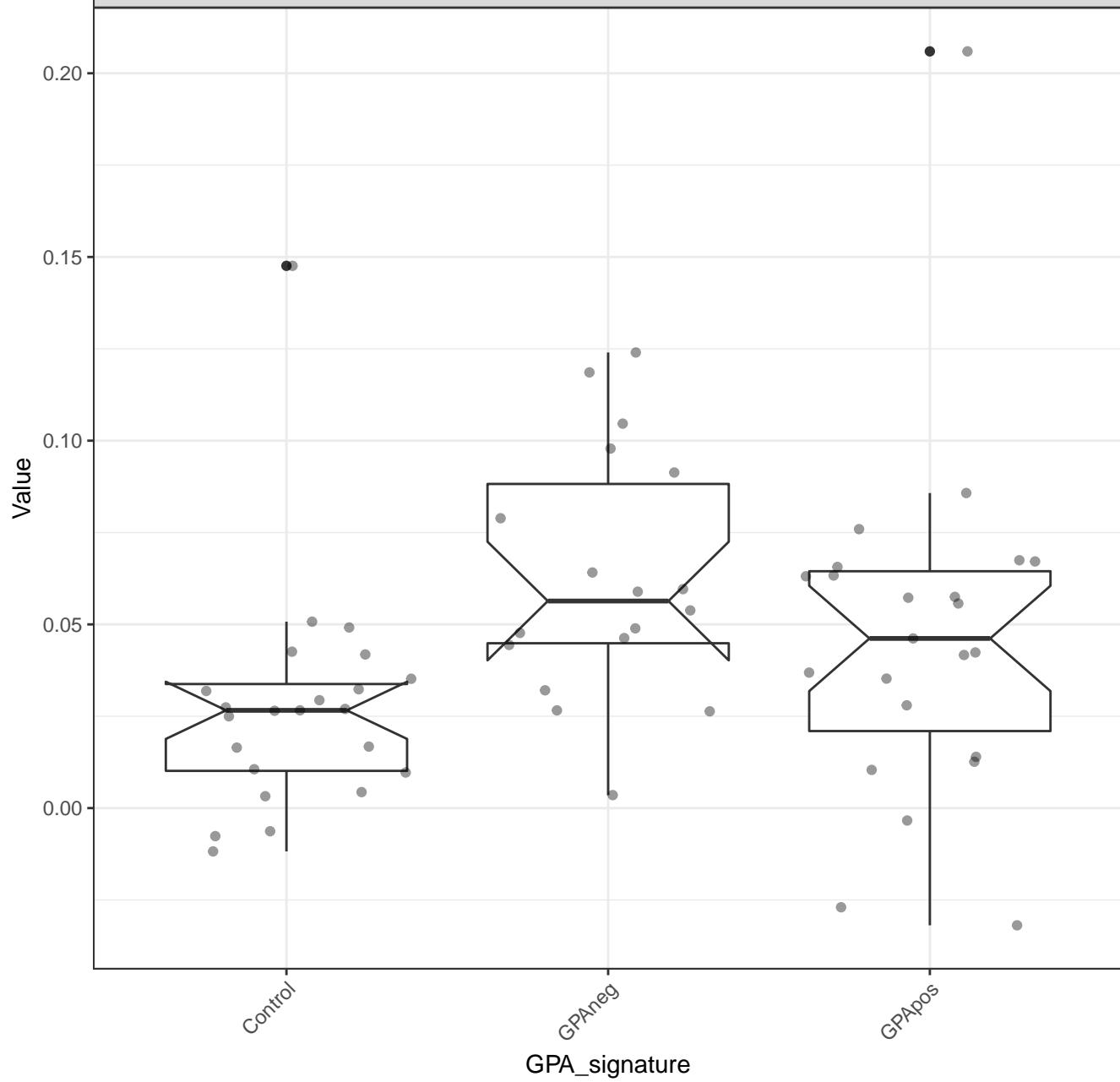
LV 507



LV 508

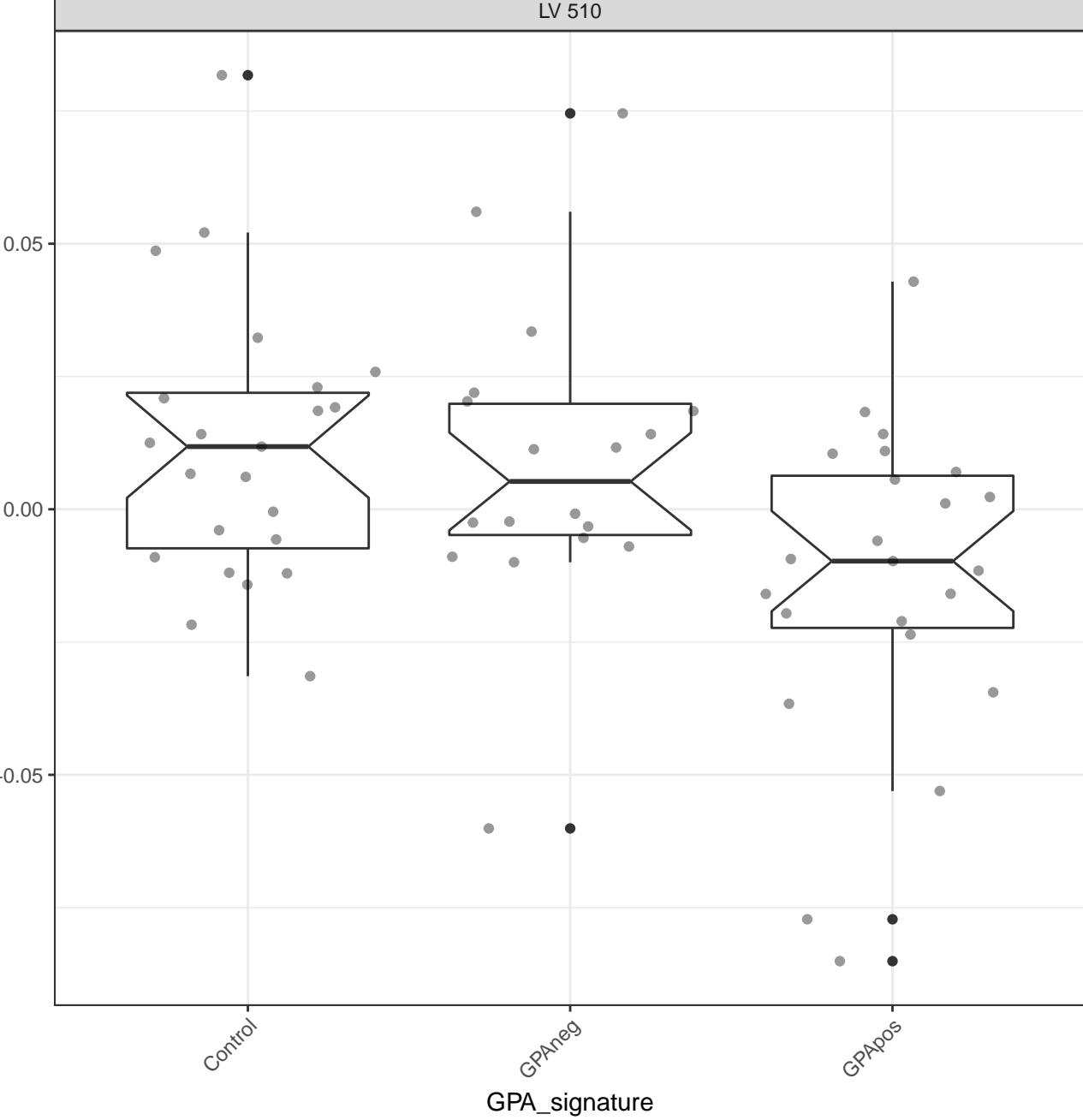


LV 509

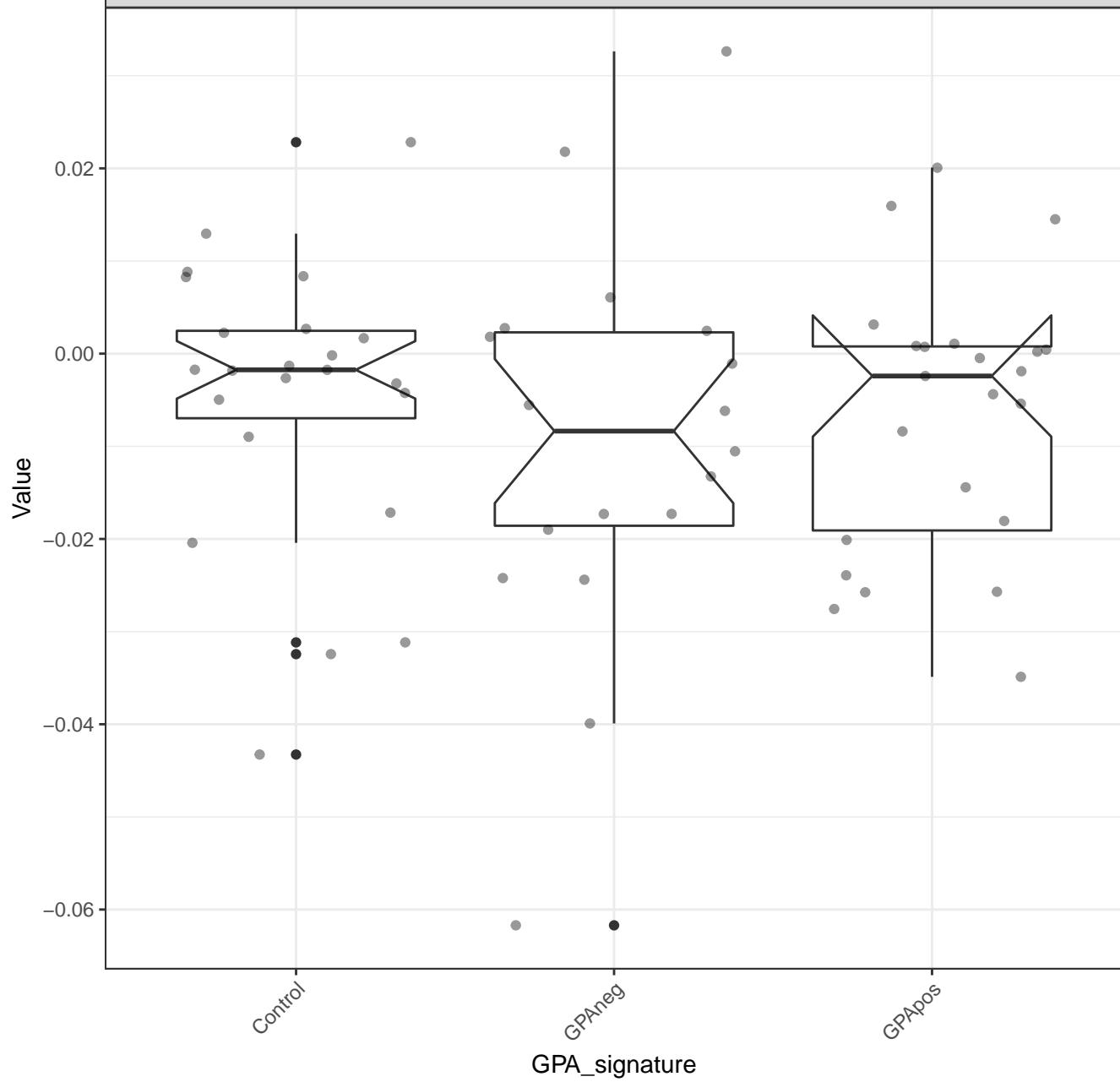


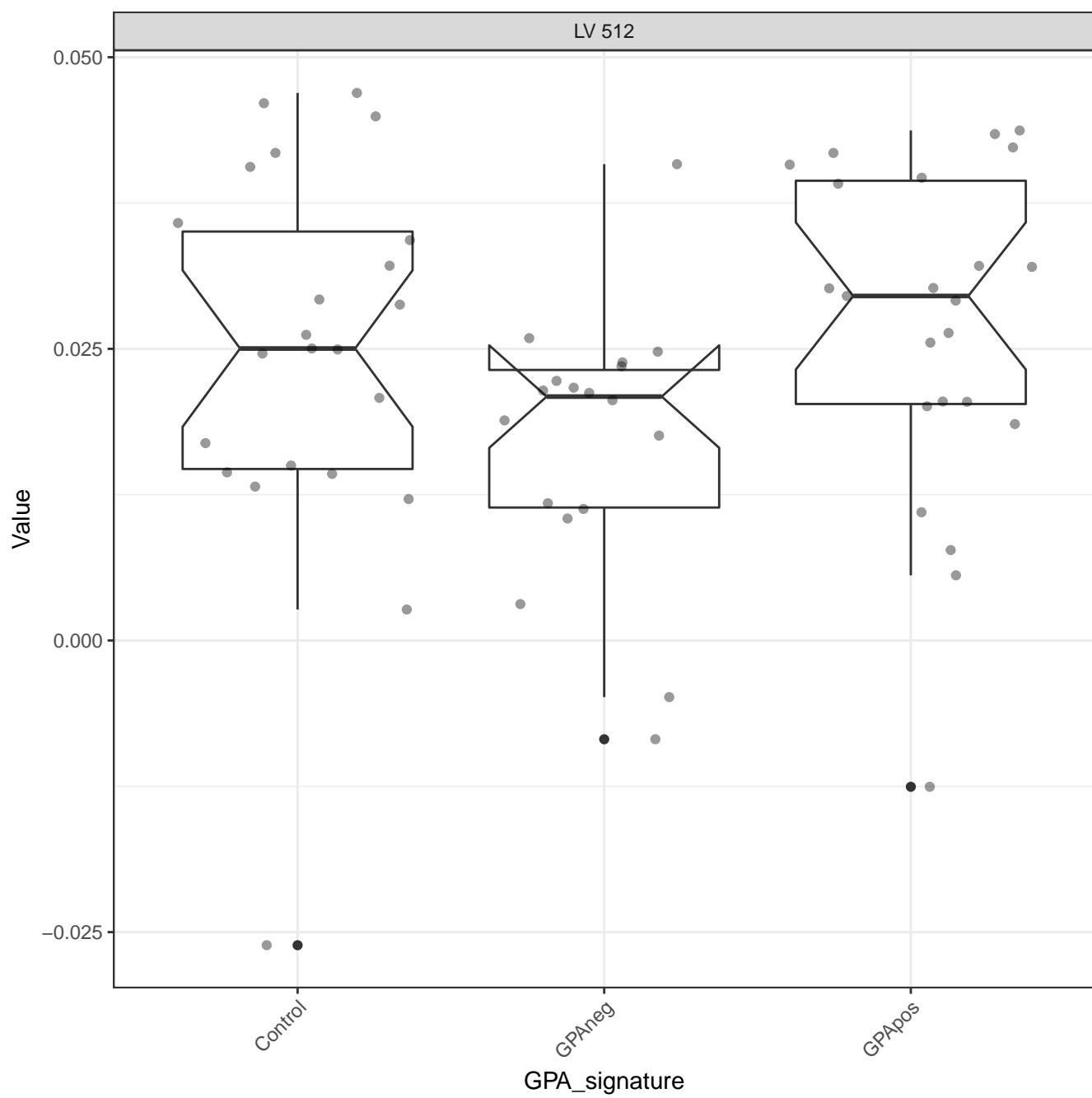
LV 510

Value



LV 511





LV 513

Value

0.06

0.03

0.00

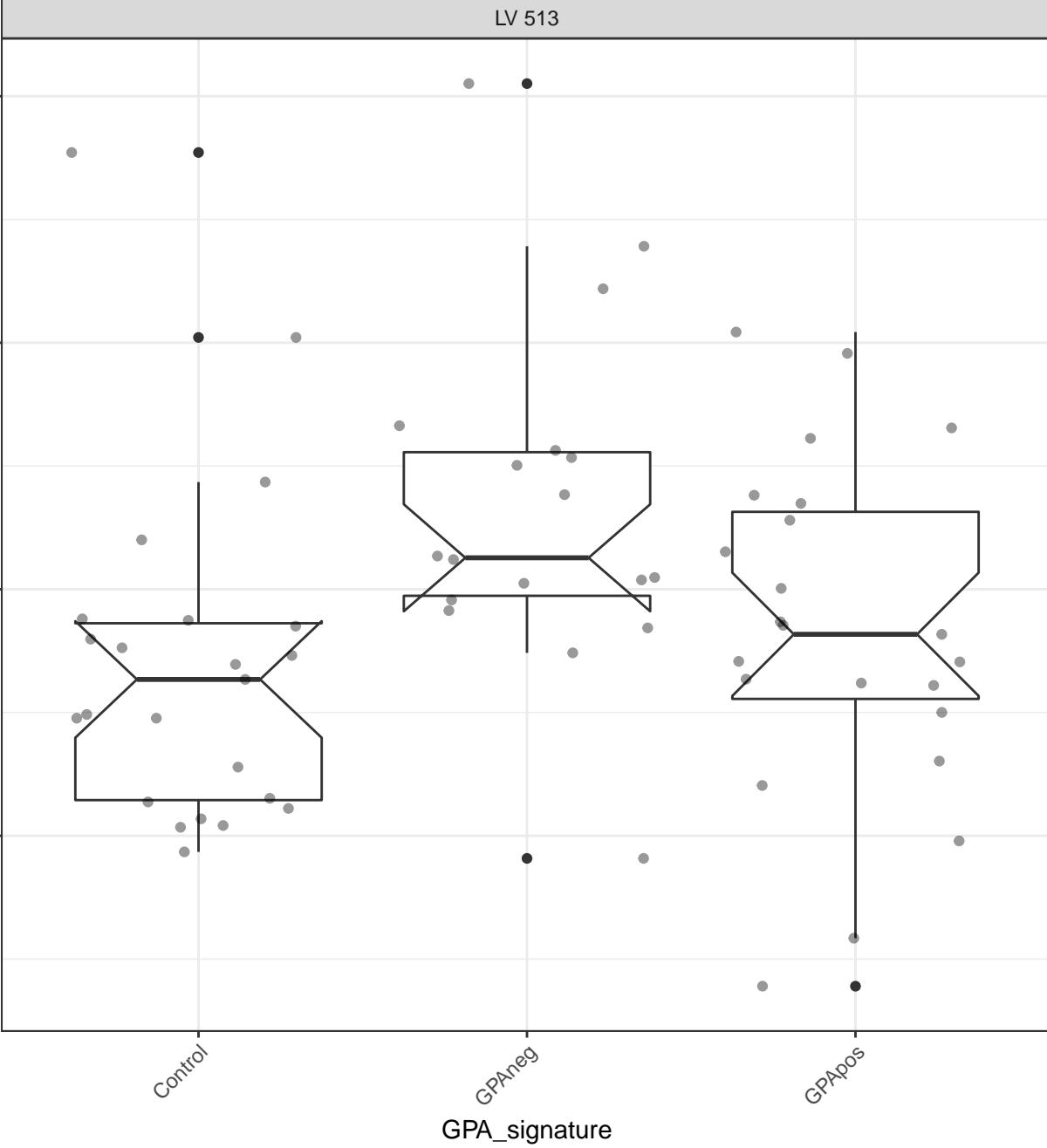
-0.03

Control

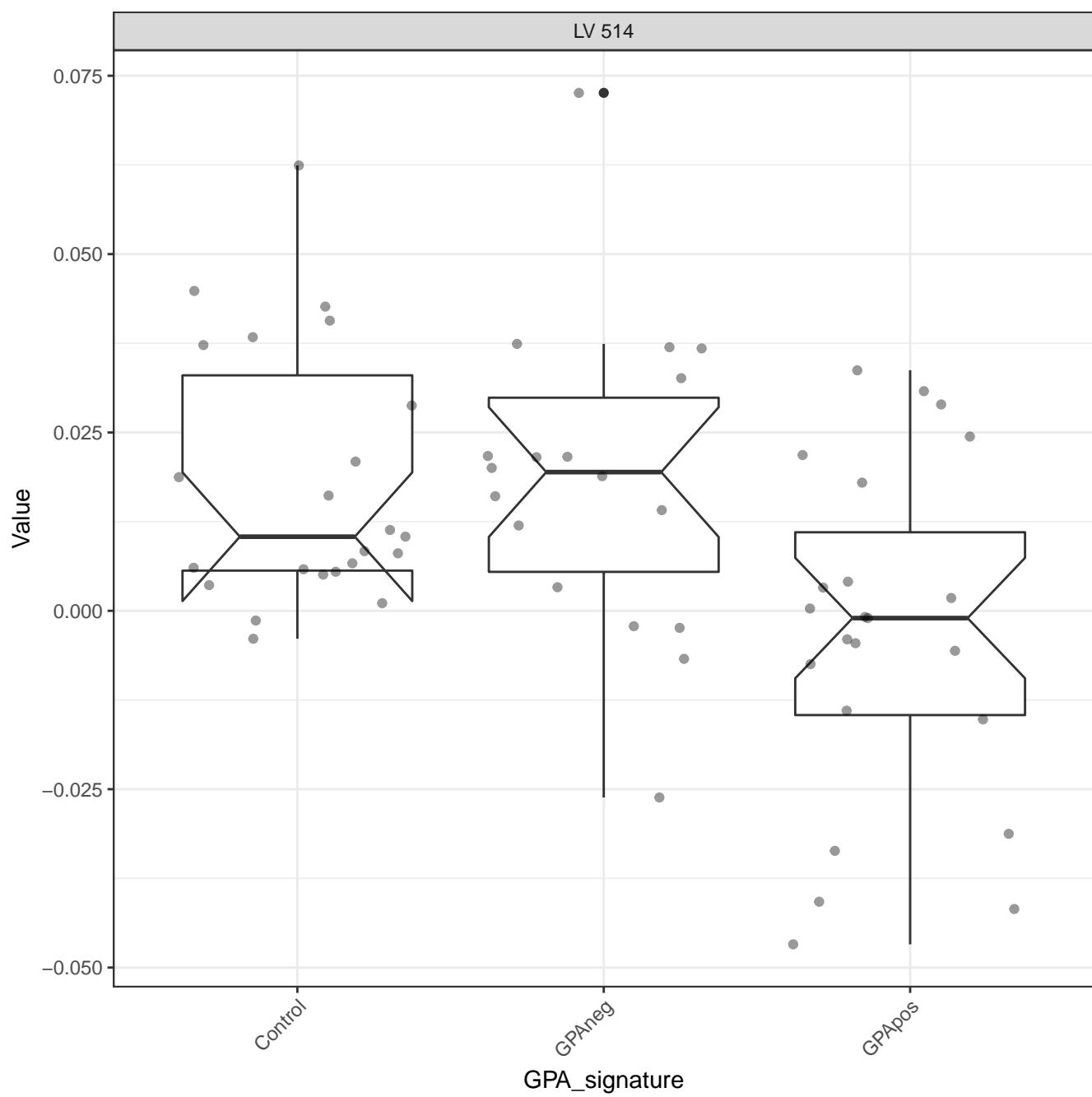
GPAneg

GPApos

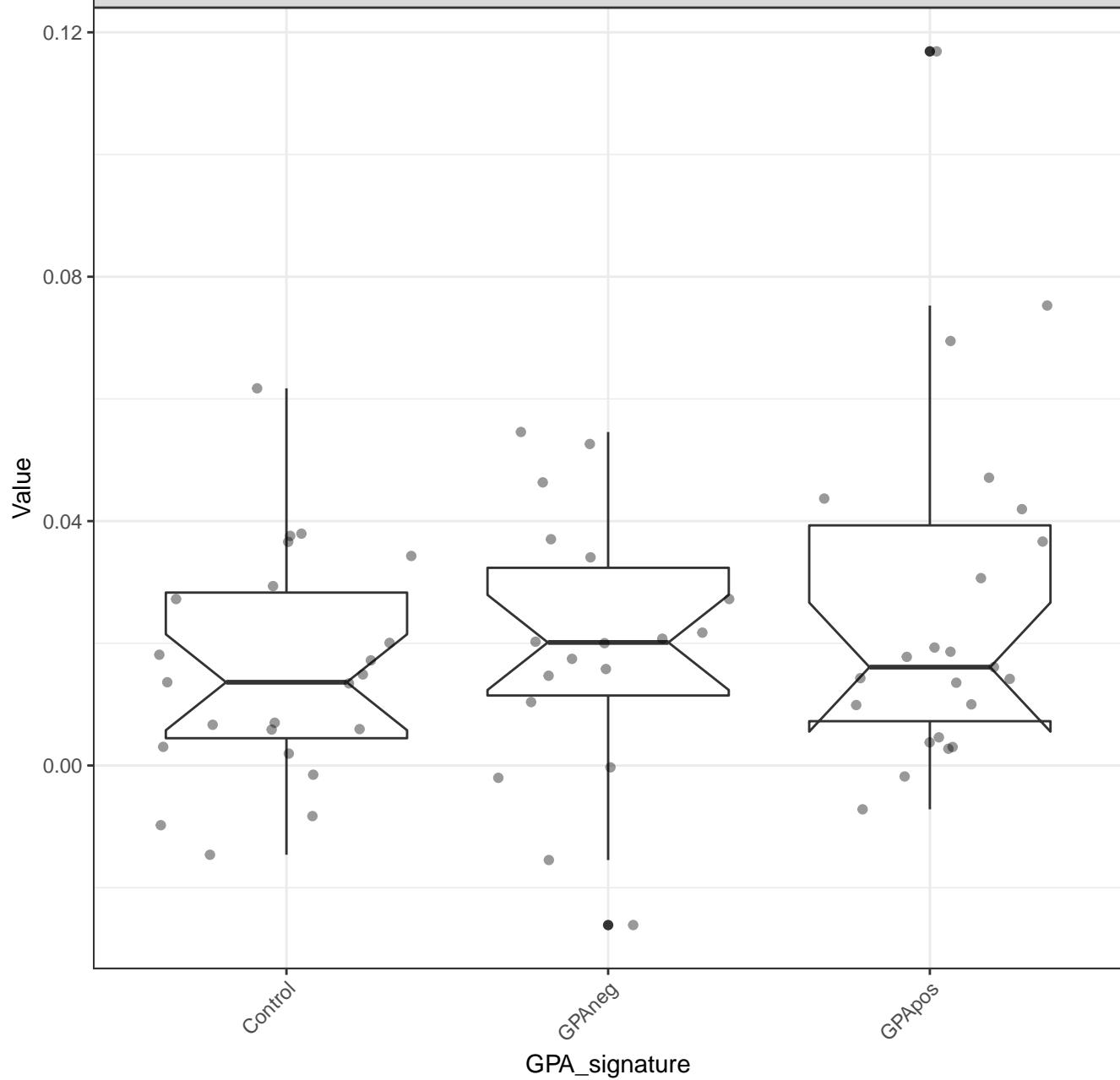
GPA_signature



LV 514



LV 515



516,PID_TCR_PATHWAY

Value

0.2

0.0

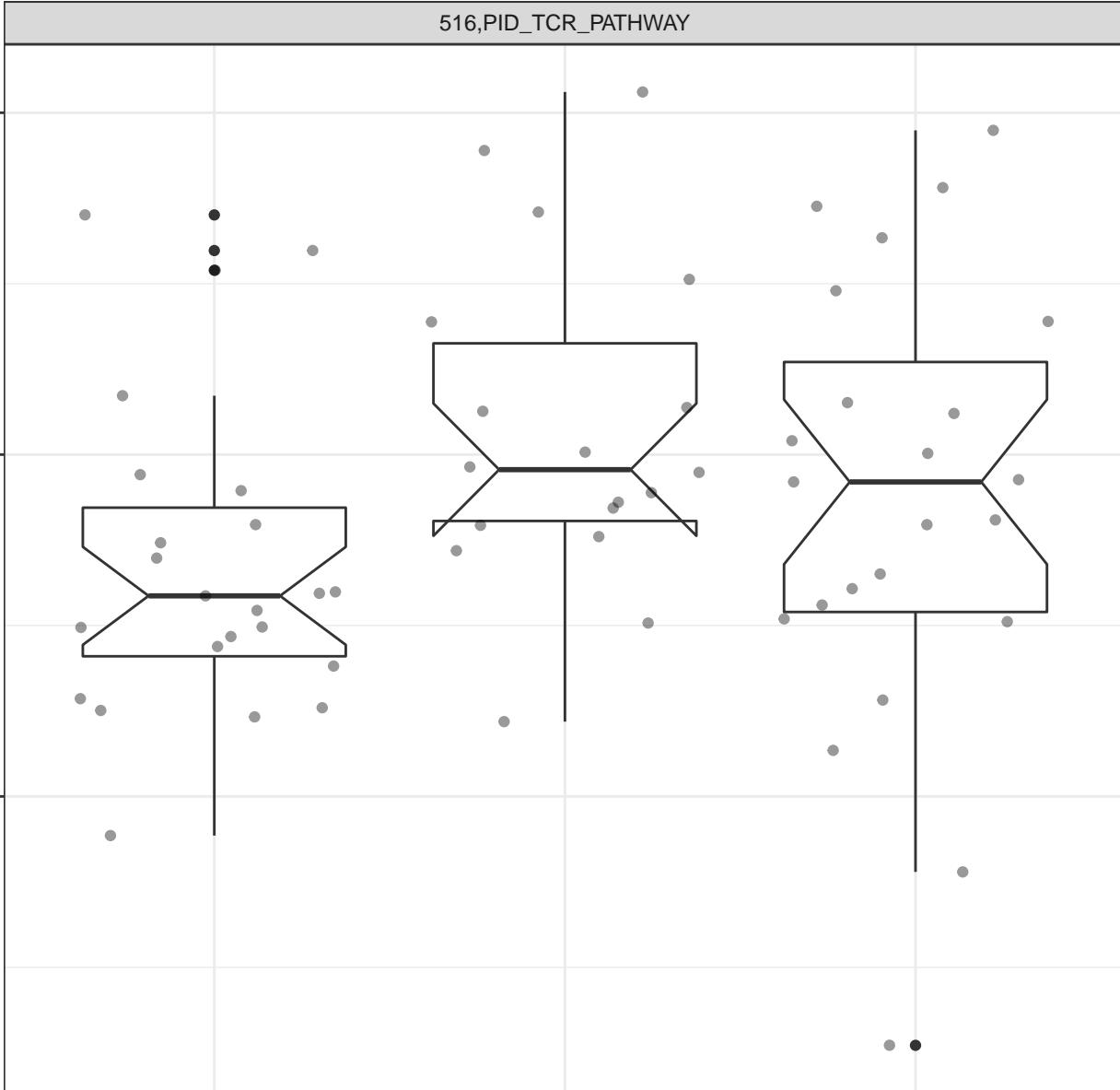
-0.2

Control

GPA_signature

GPaneg

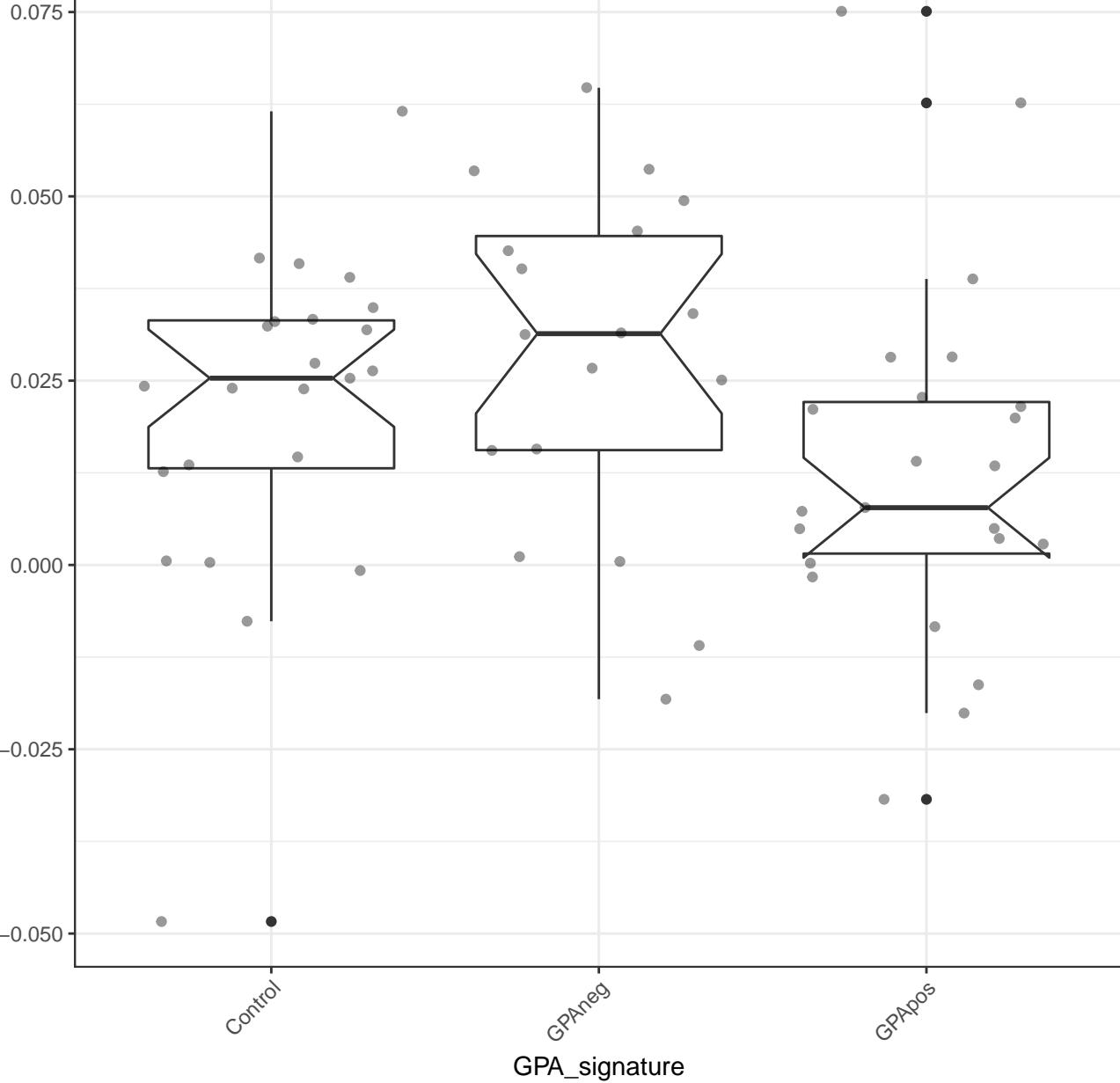
GPAPos



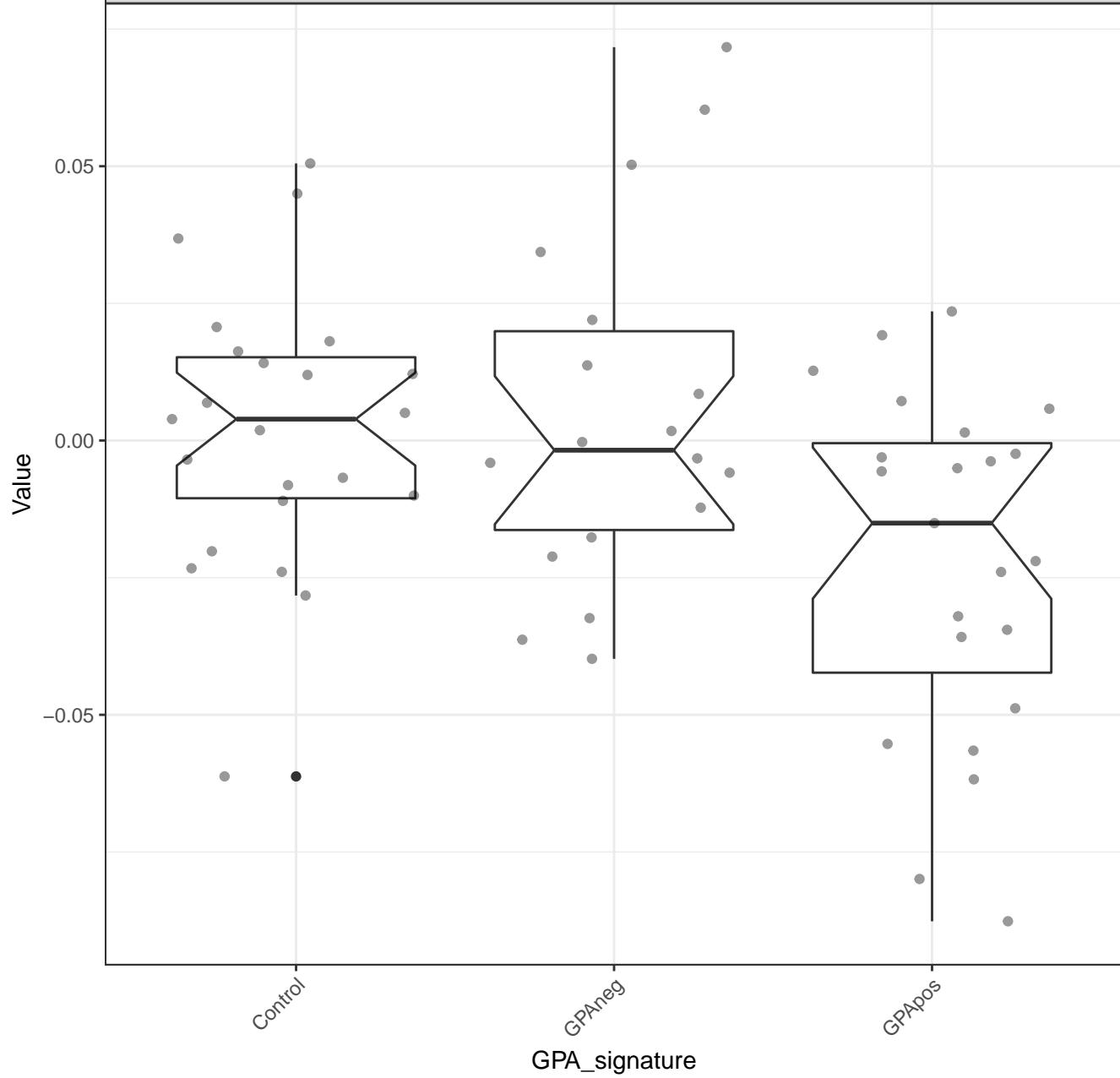
1

517,REACTOME_SIGNALING_BY_EGFR_IN_CANCER

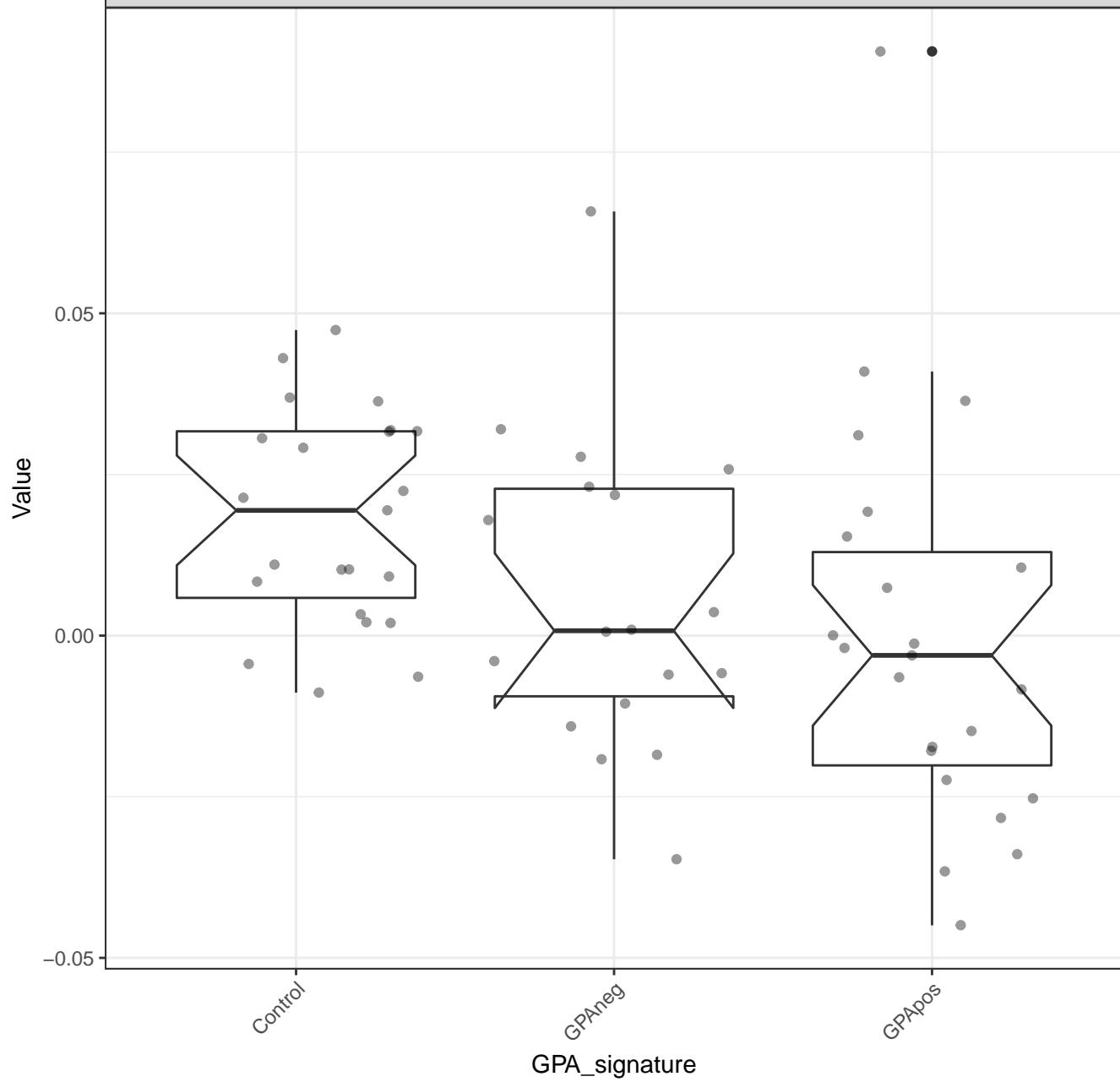
Value



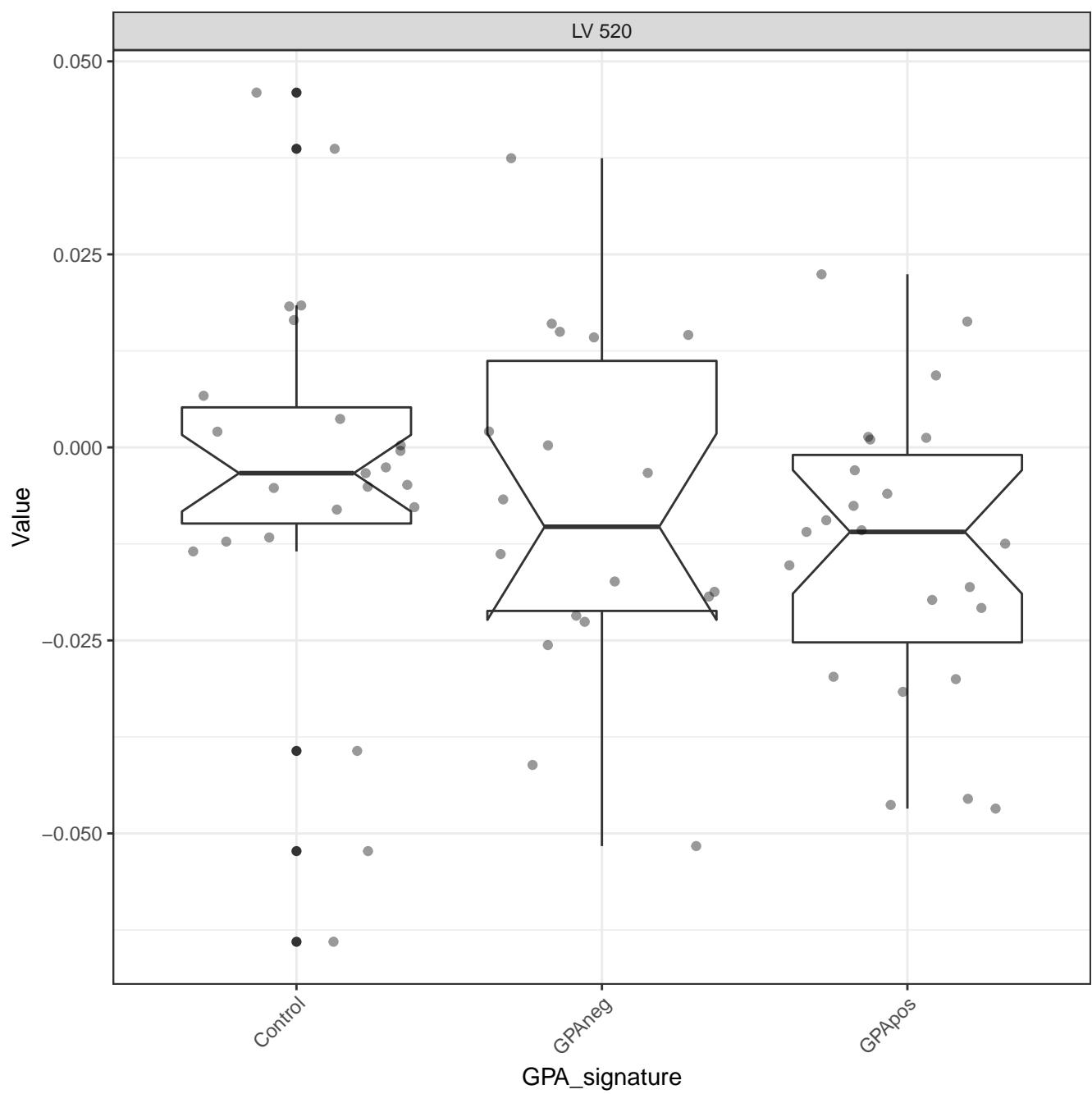
518,REACTOME_GENERIC_TRANSSCRIPTION_PATHWAY

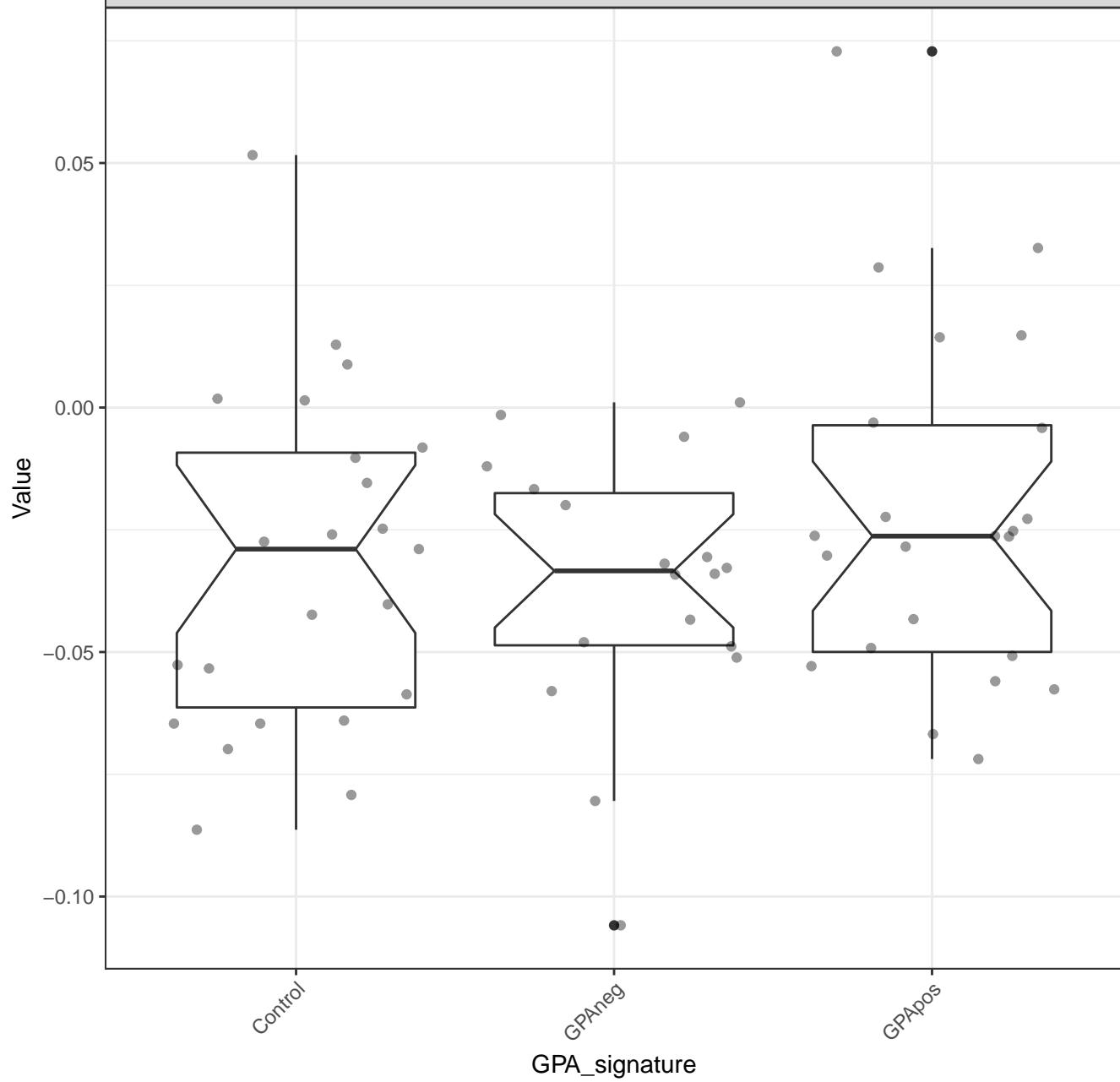


LV 519



LV 520





LV 522

Value

0.05

0.00

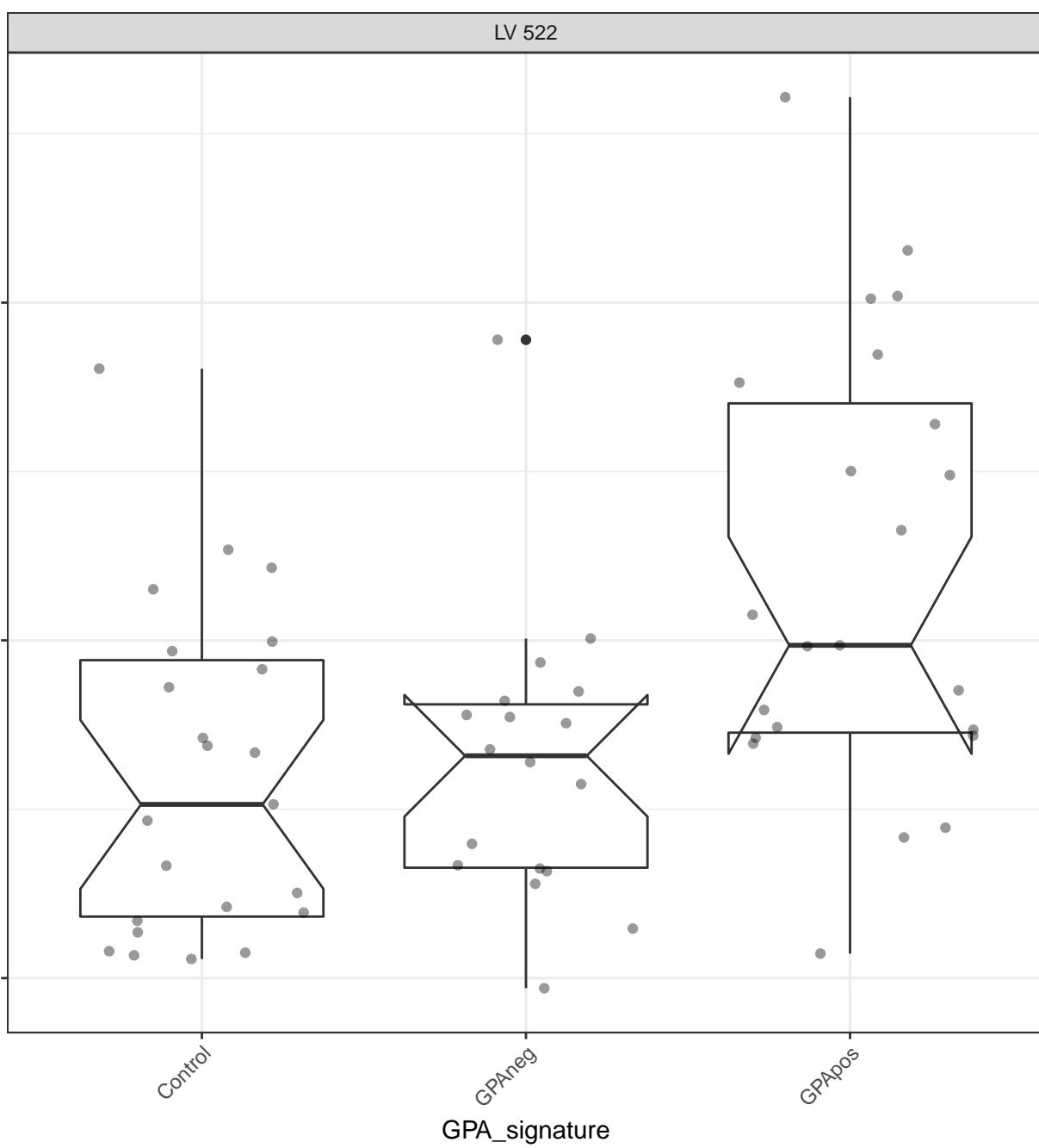
-0.05

Control

GPA_signature

GPAneg

GPApos



Value

0.05

0.00

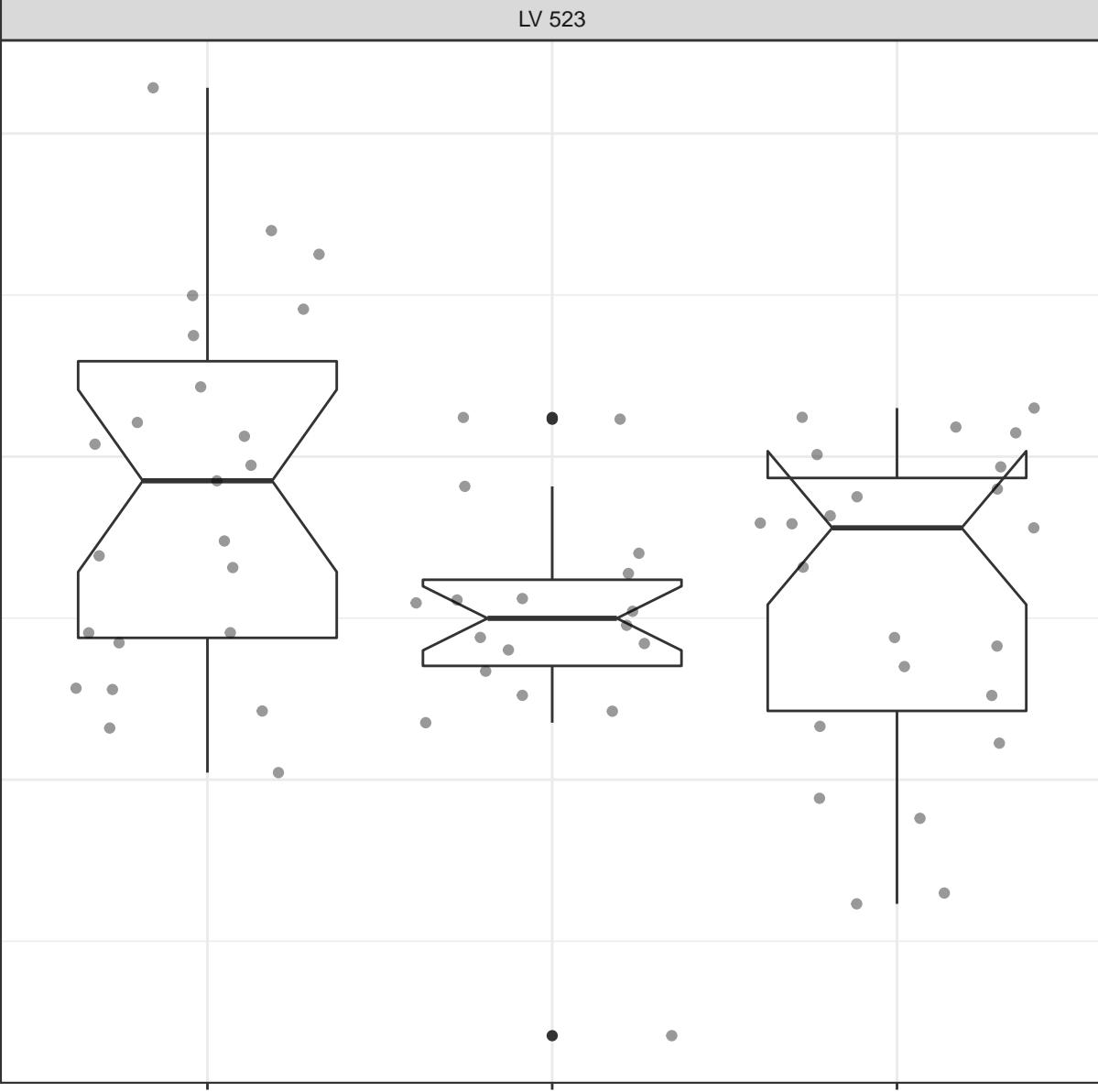
-0.05

Control

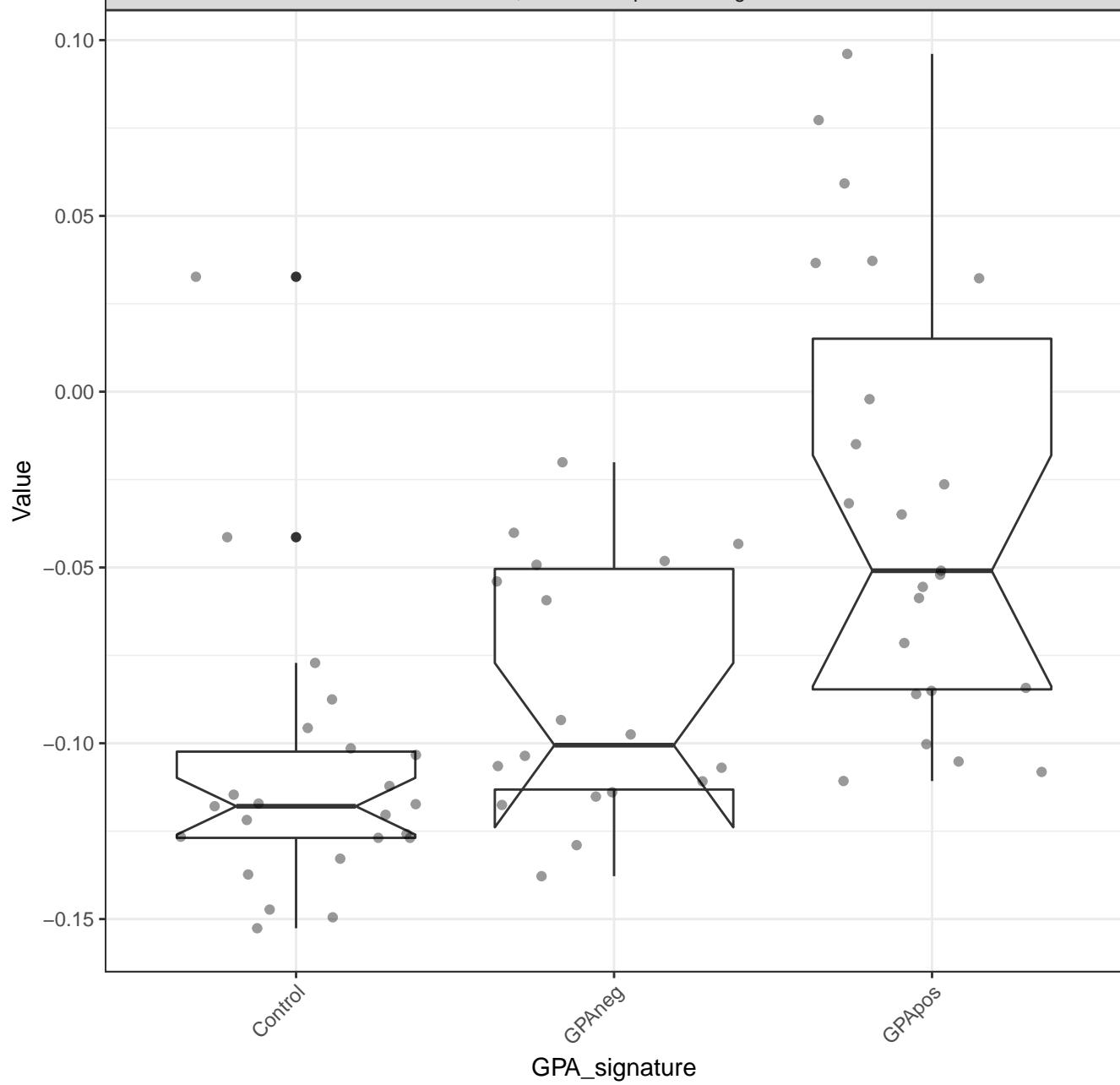
GPA_signature

GPAneg

GPAPos



524,IRIS_Neutrophil–Resting



LV 525

Value

0.05

0.00

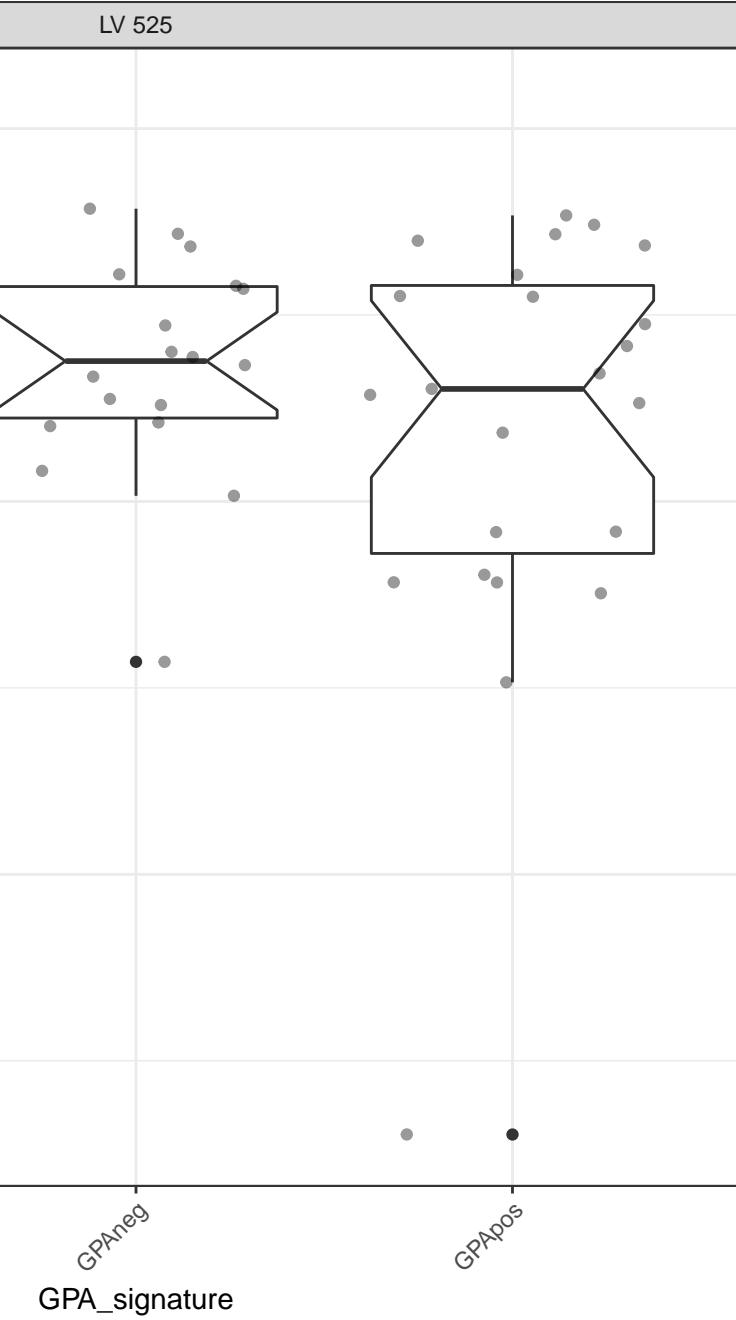
-0.05

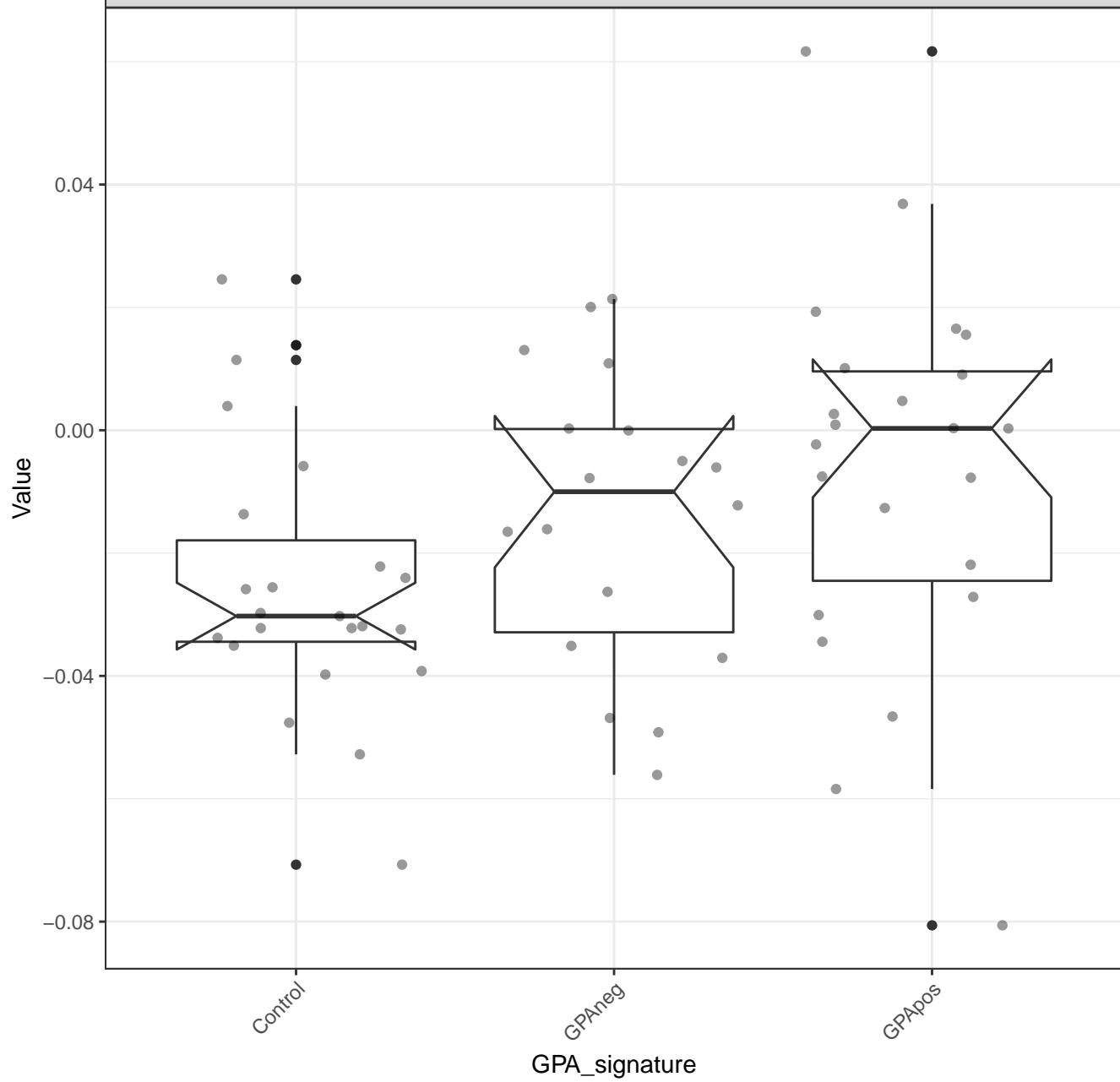
Control

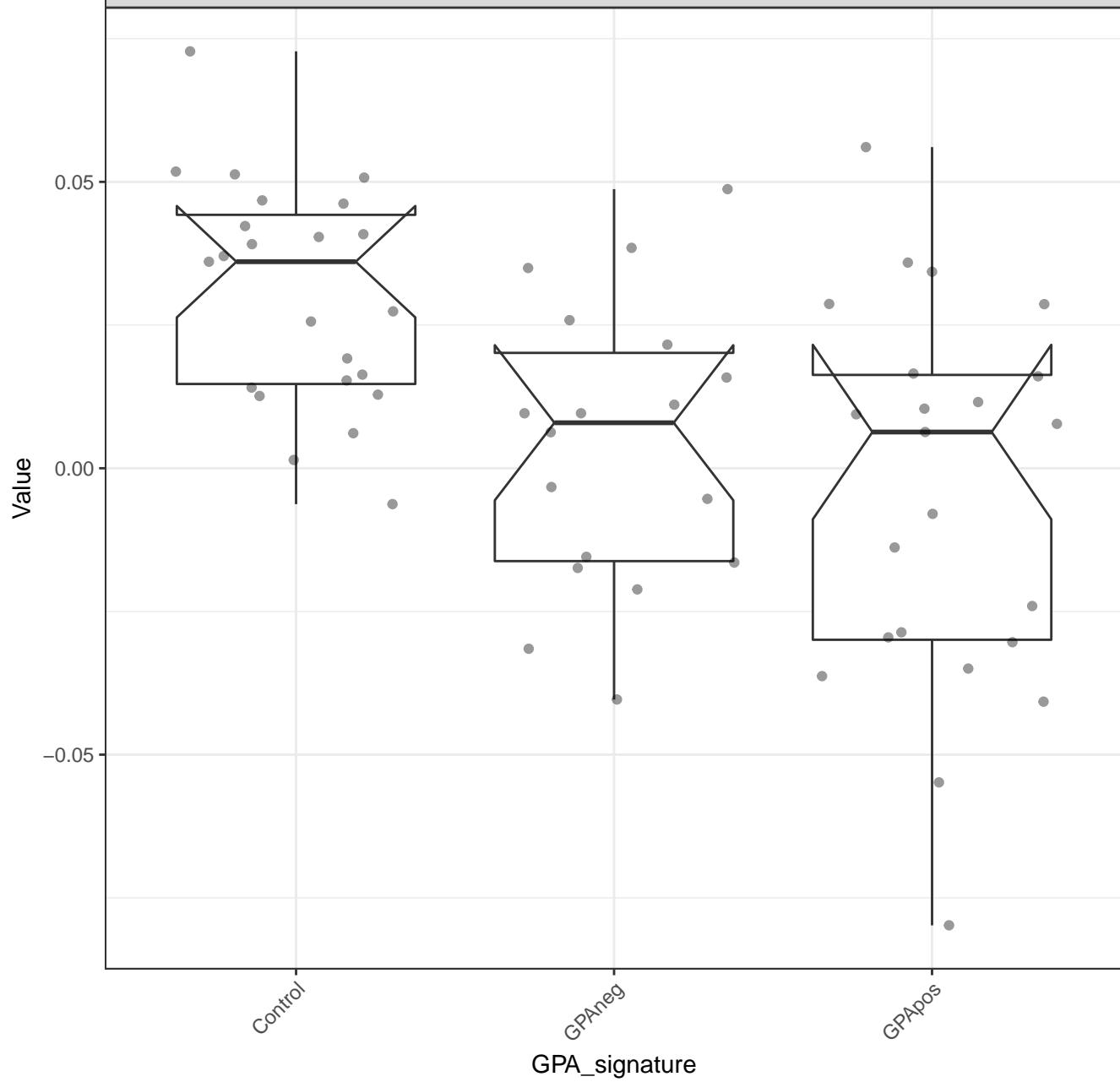
GPAneg

GPAPos

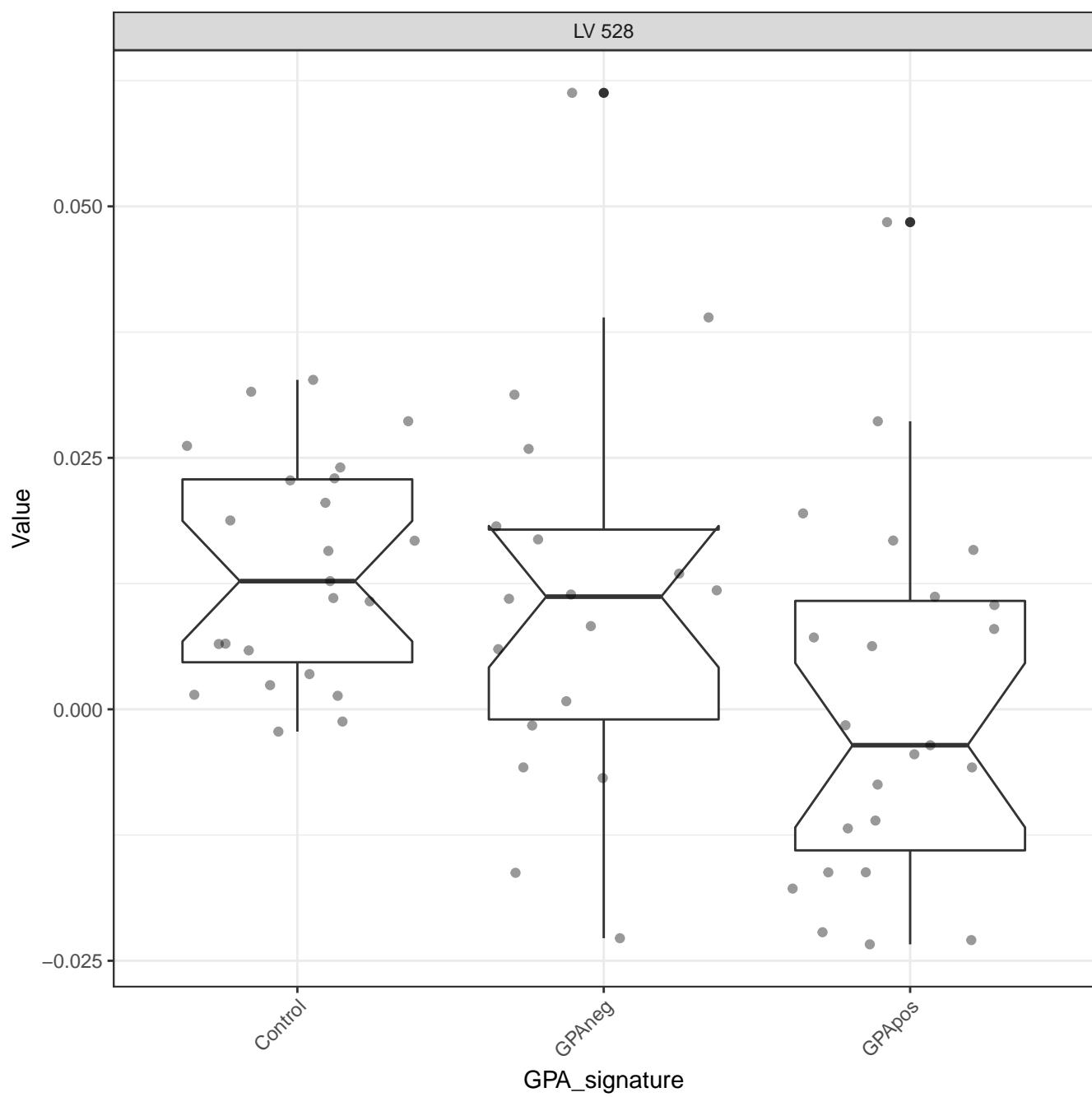
GPA_signature



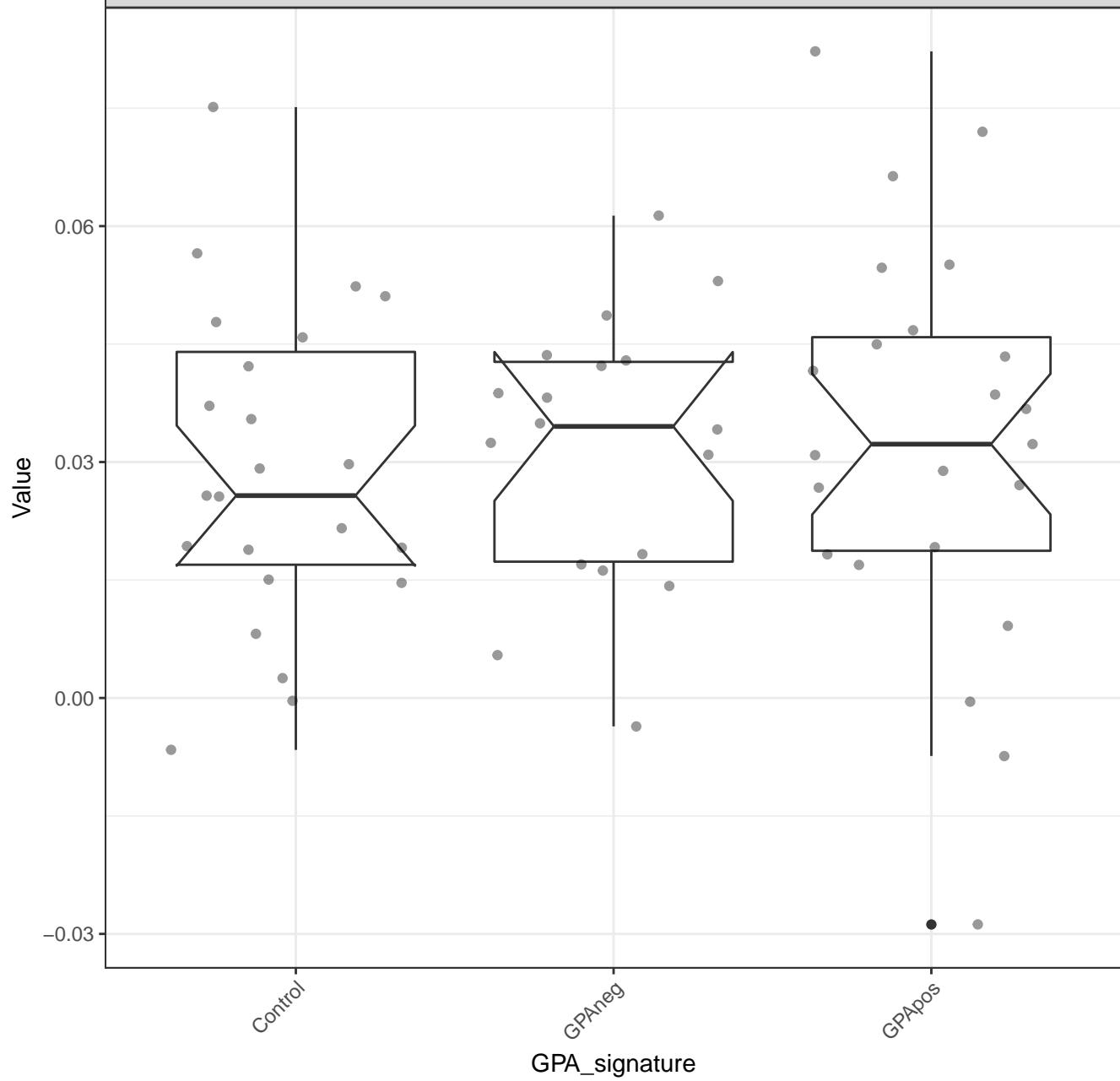


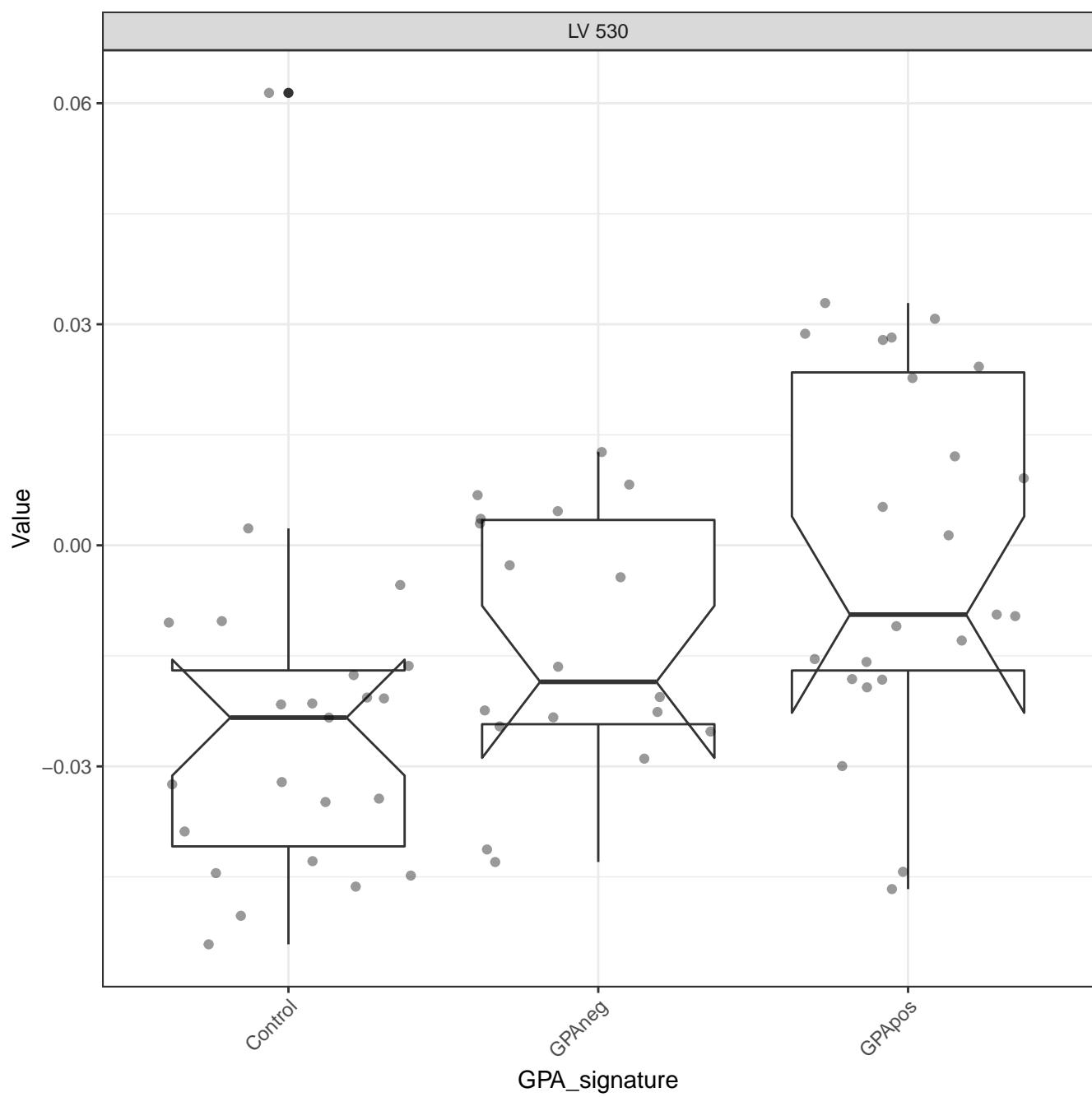


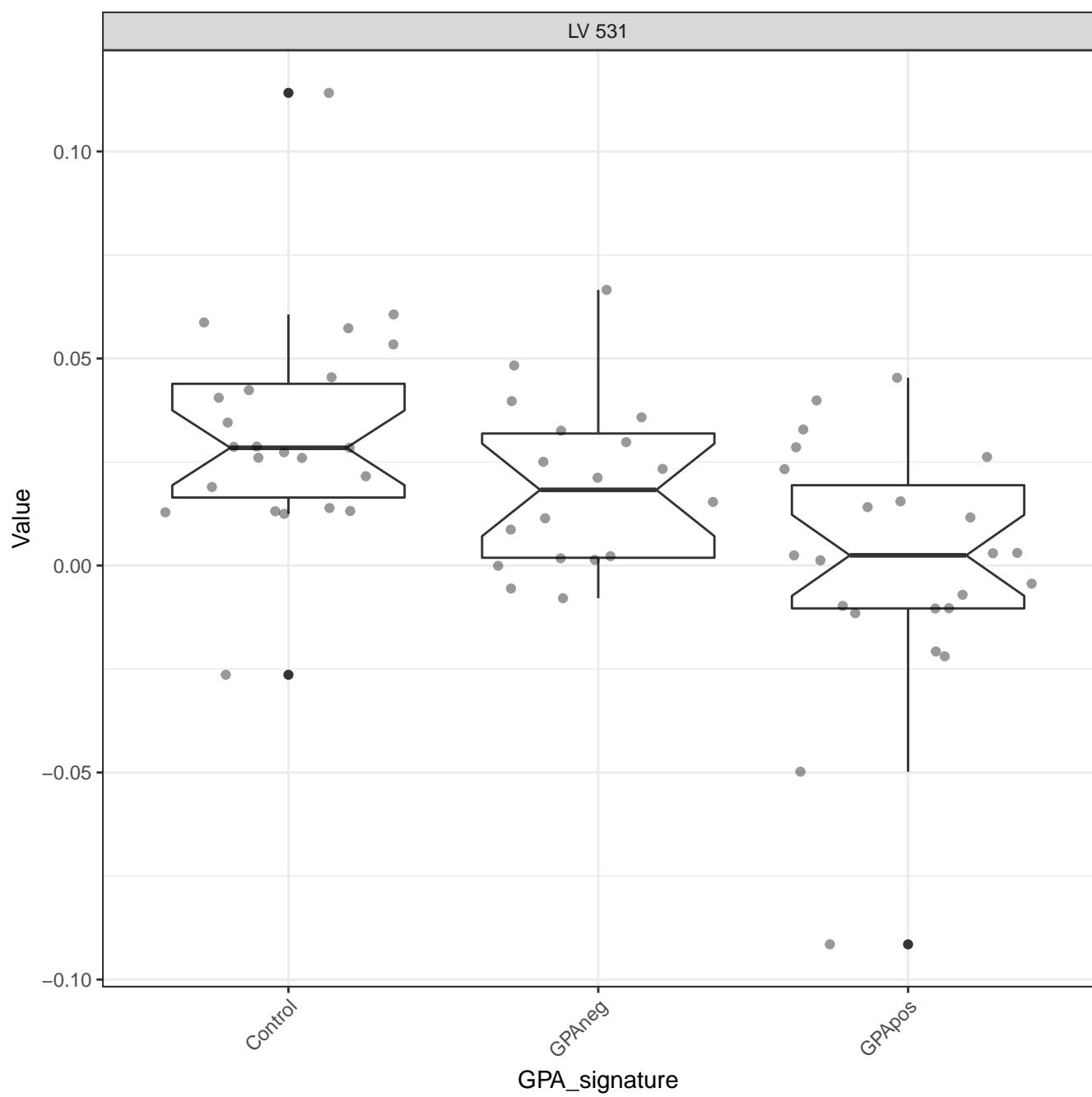
LV 528



LV 529







Value

0.02

0.00

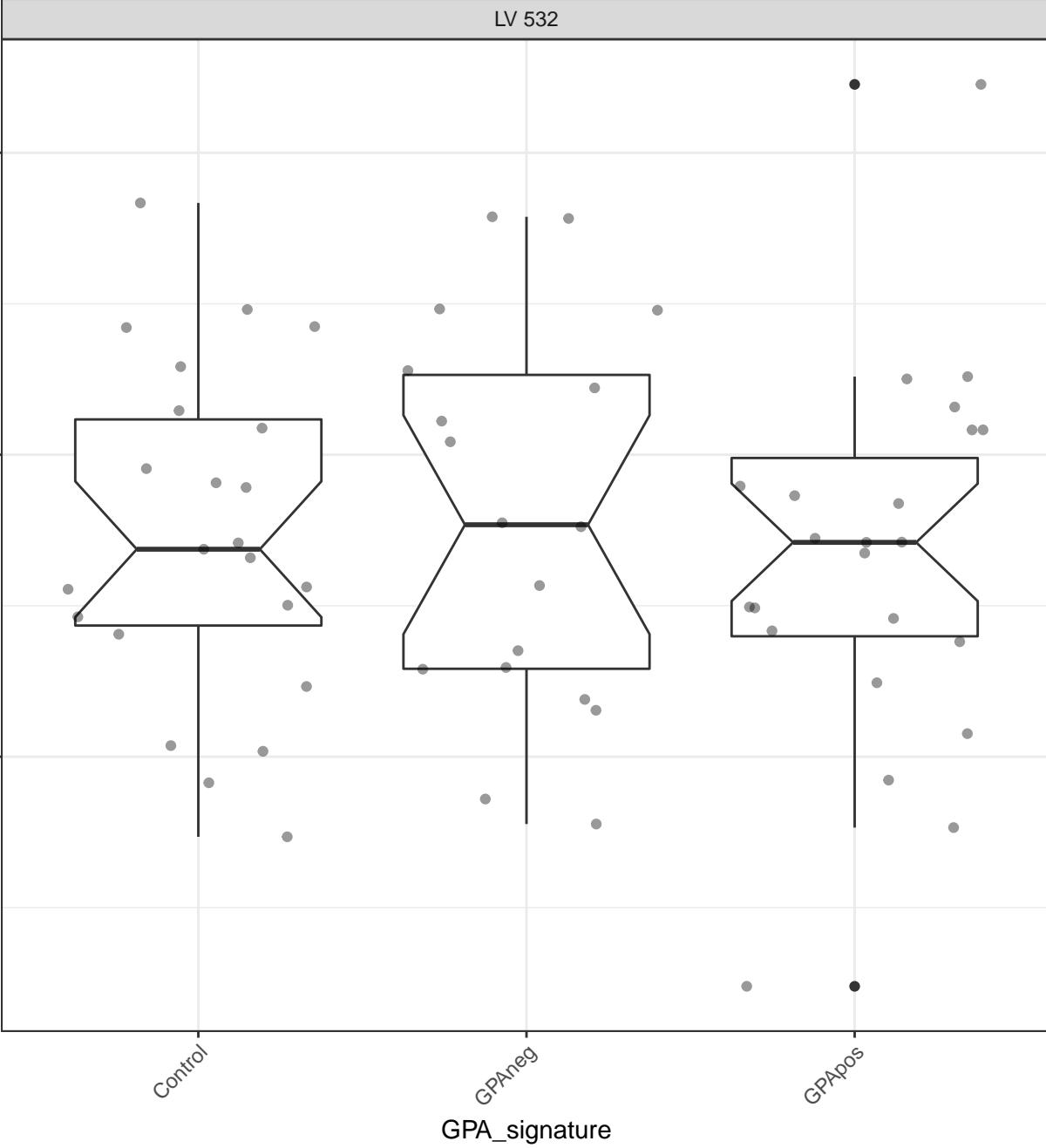
-0.02

Control

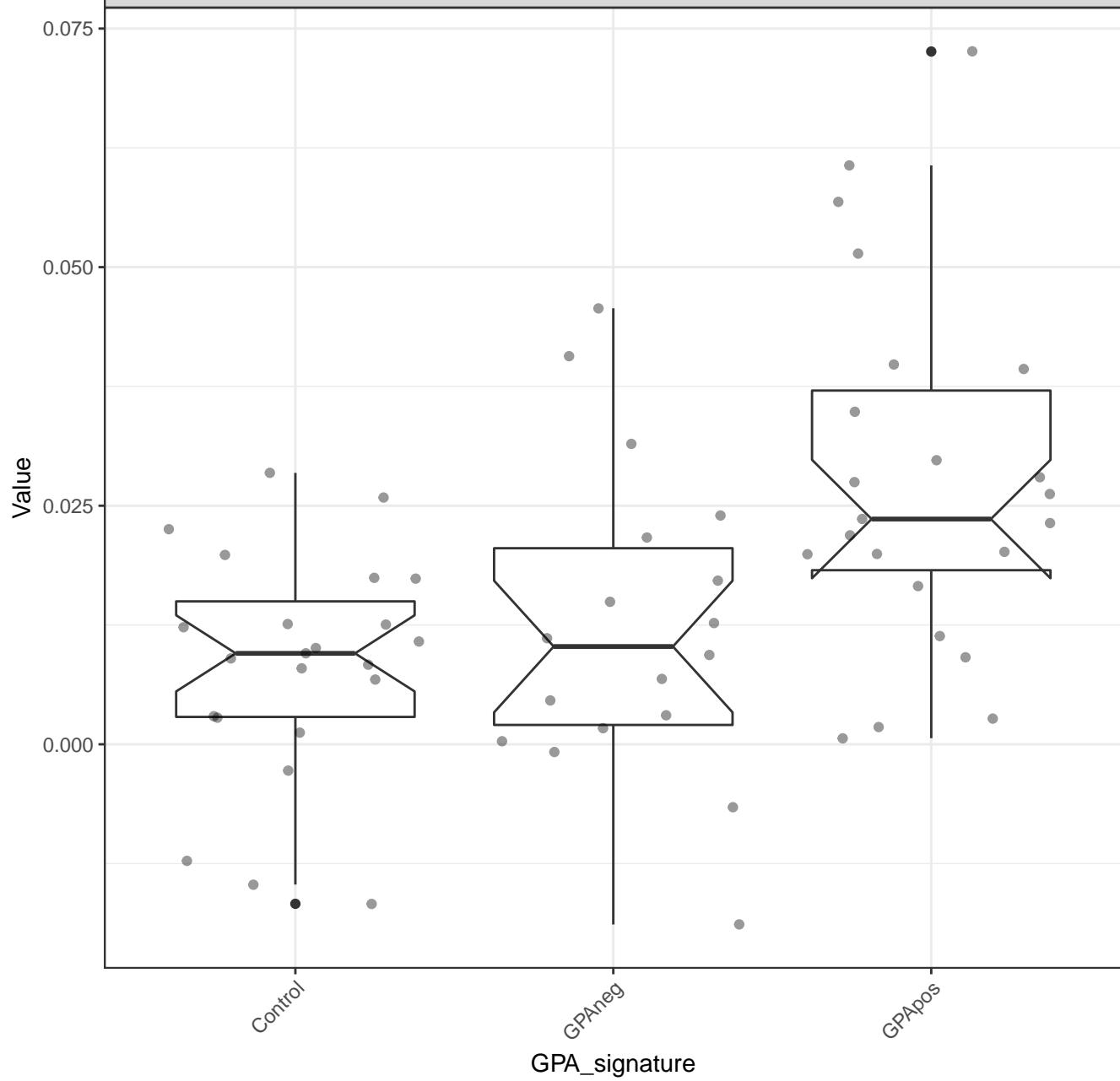
GPAneg

GPAPos

GPA_signature



LV 533



LV 534

Value

0.025

0.000

-0.025

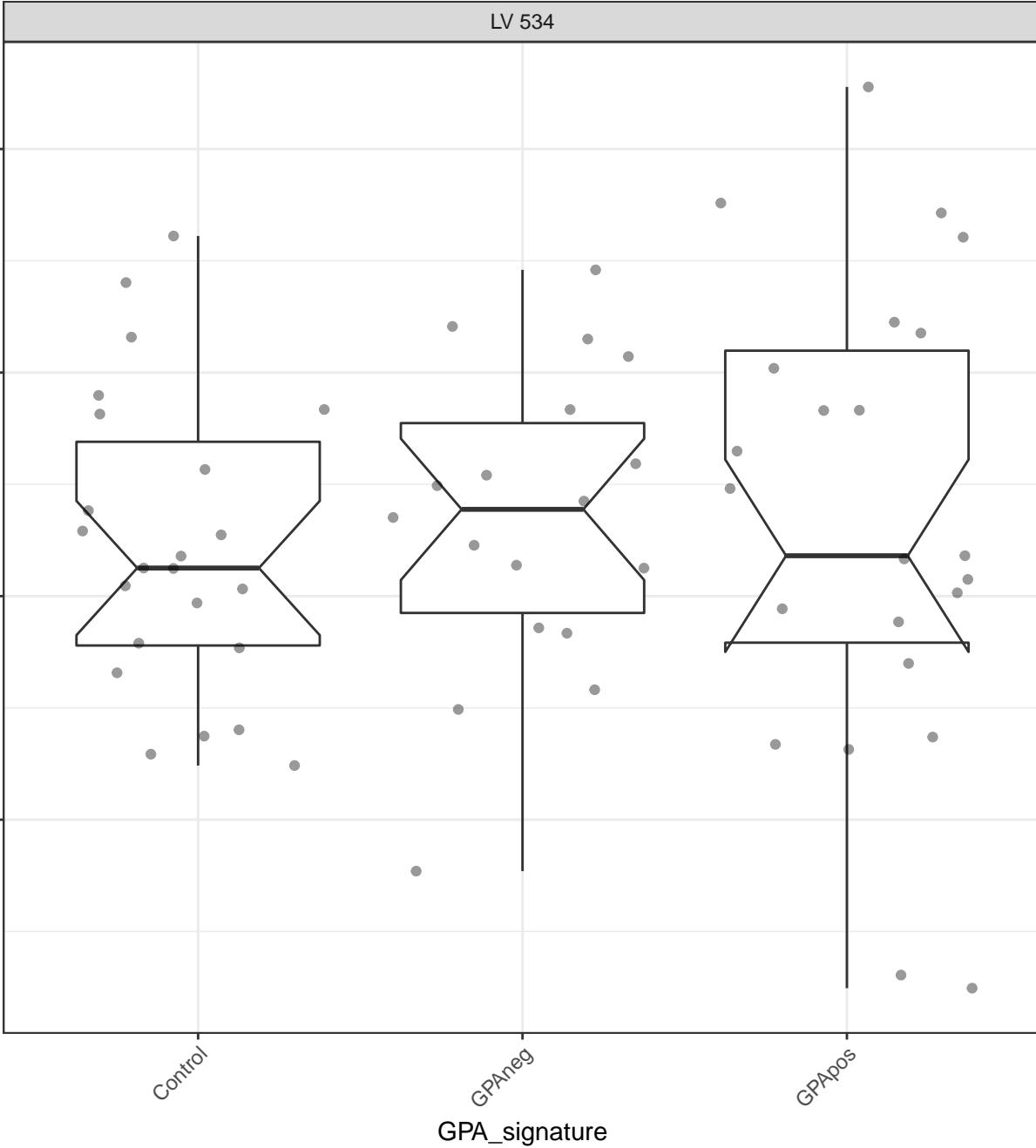
-0.050

Control

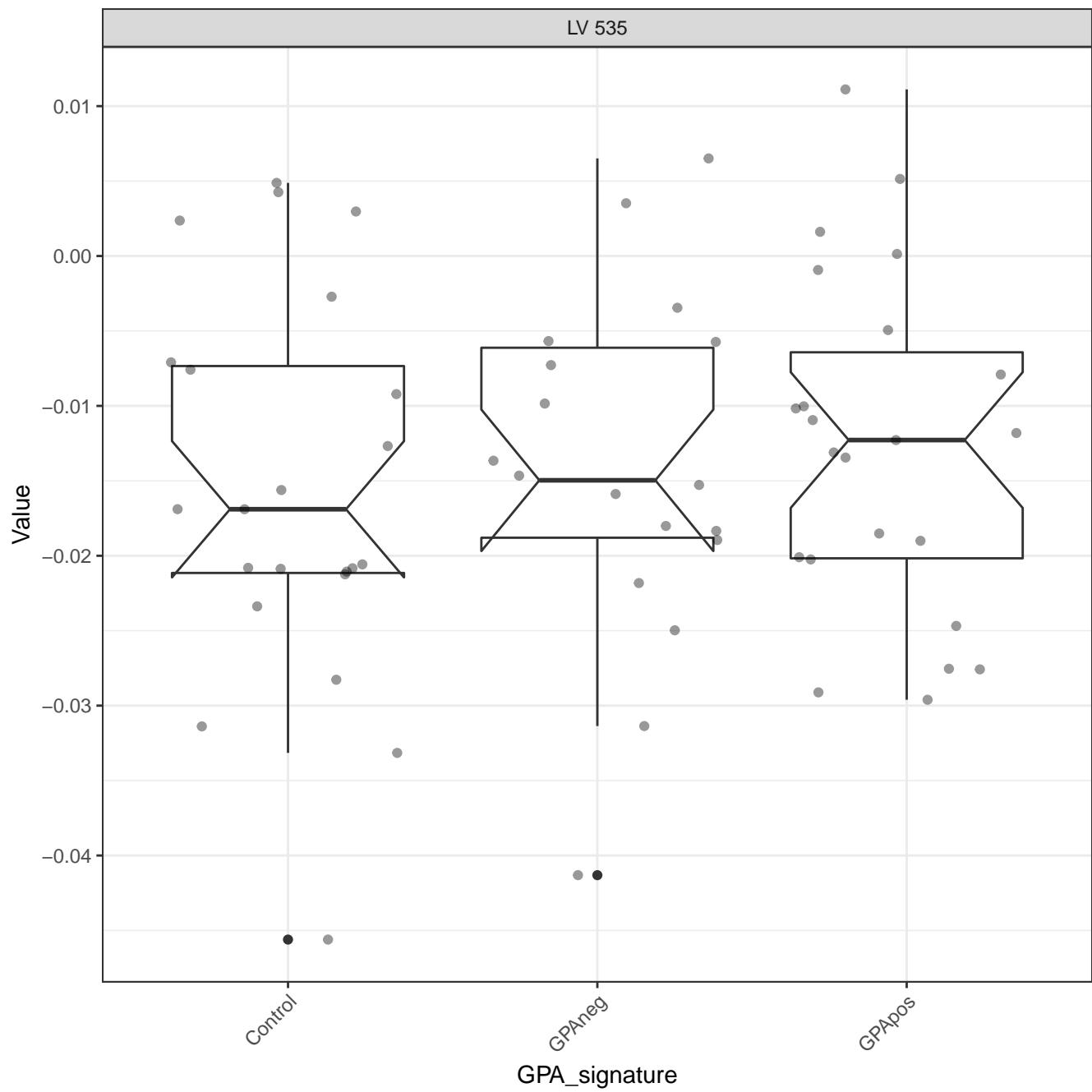
GPAneg

GPAPos

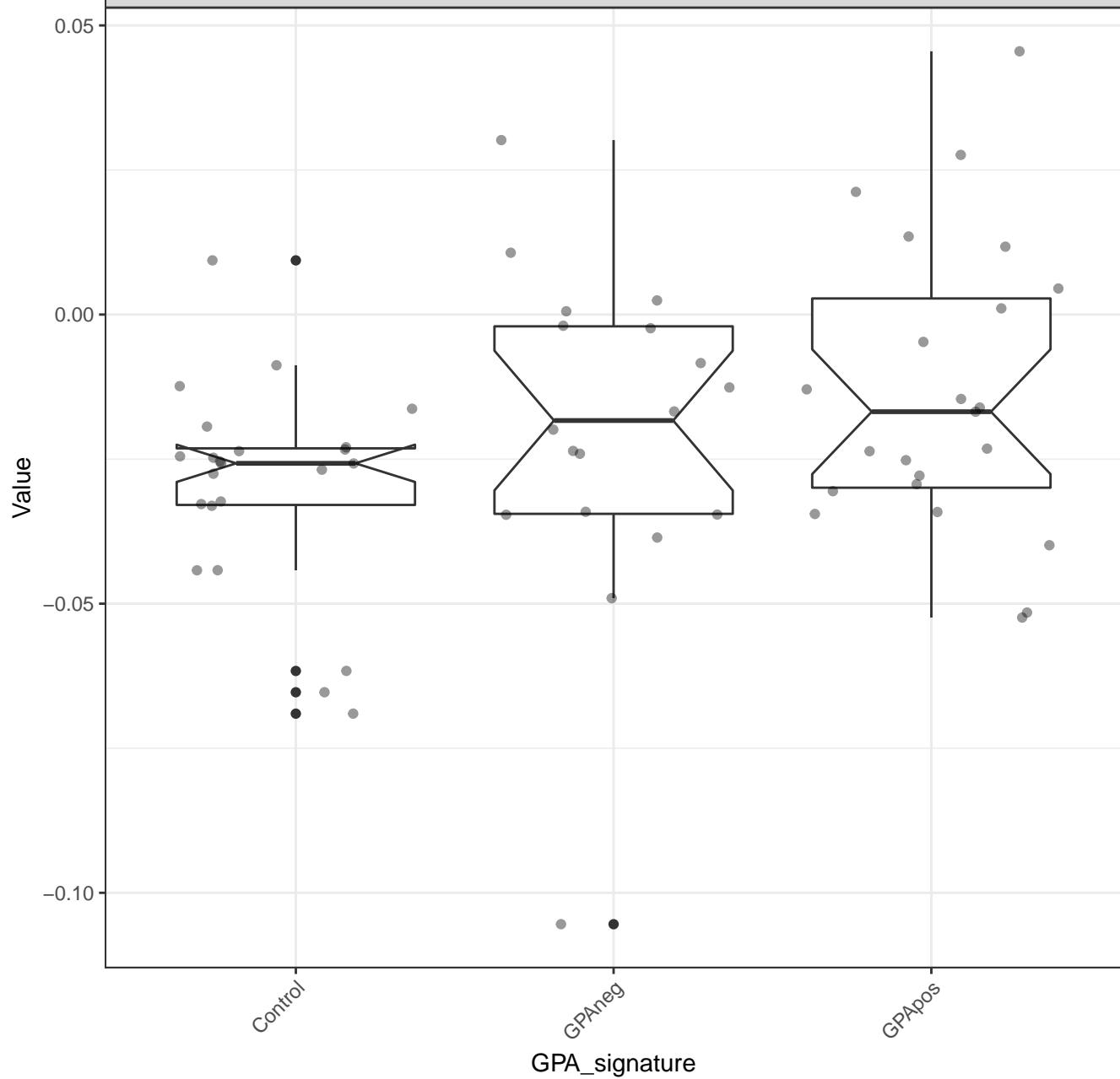
GPA_signature



LV 535



LV 536



LV 537

Value

0.04

0.02

0.00

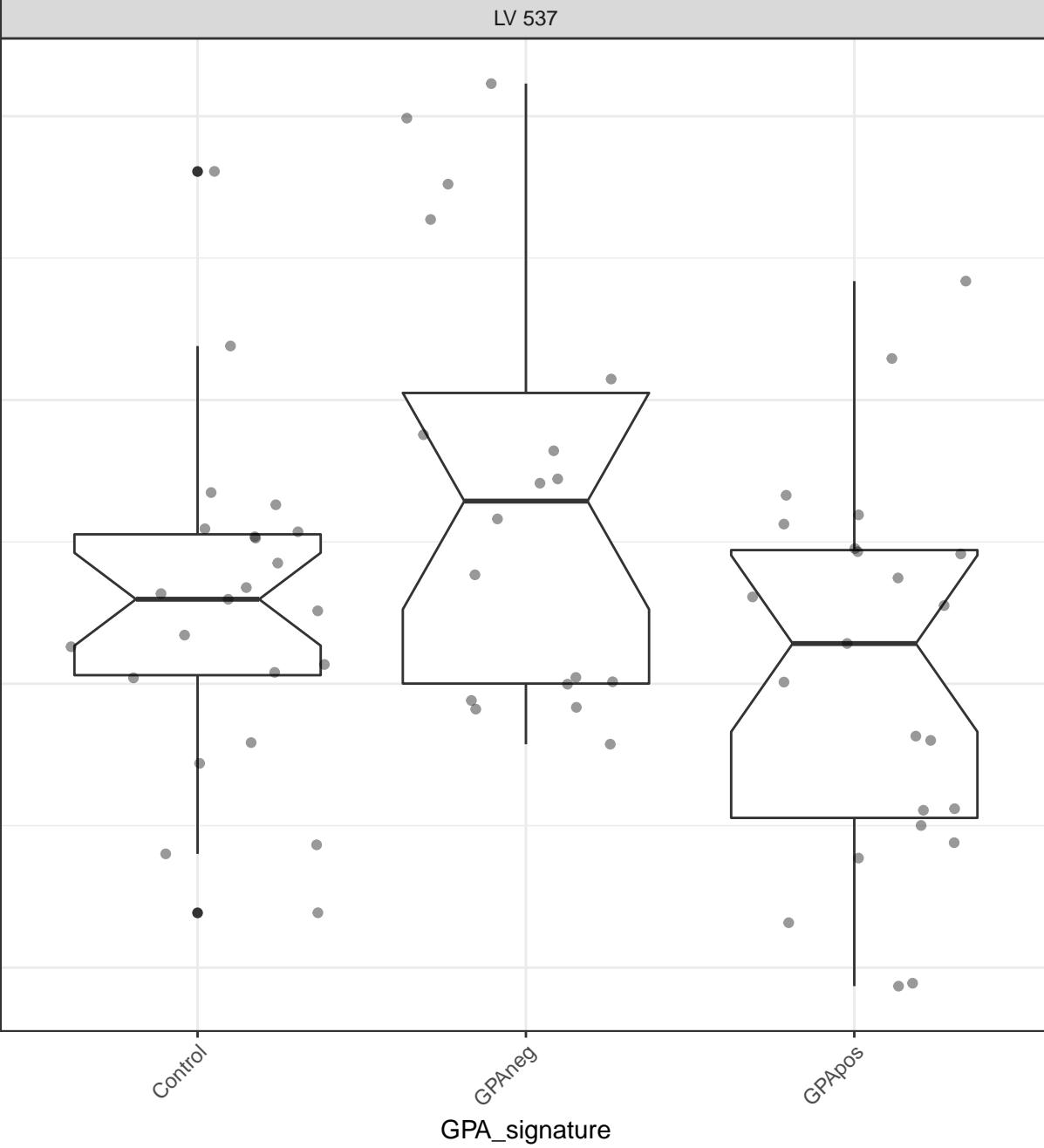
-0.02

Control

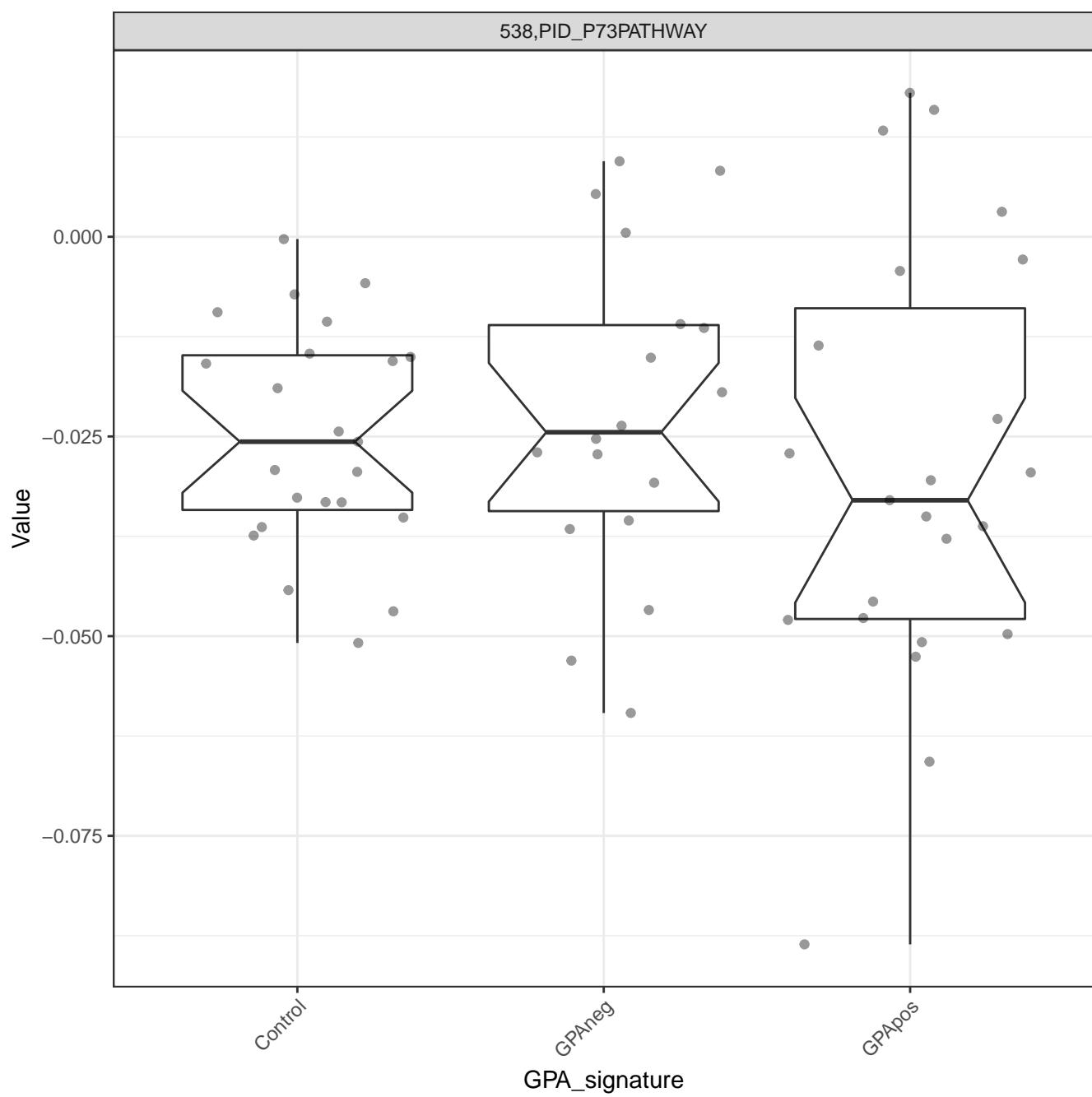
GPAneg

GPApos

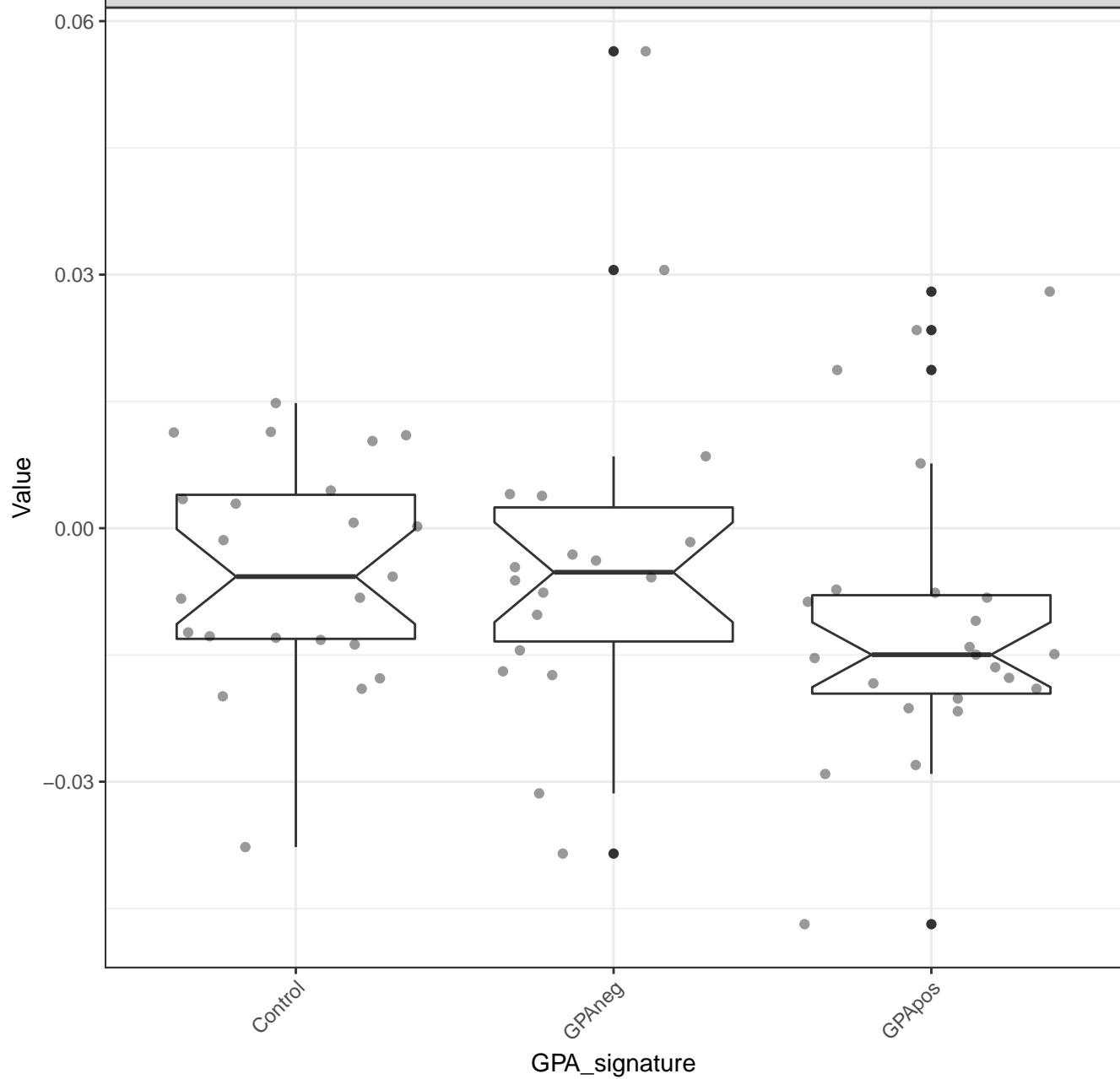
GPA_signature



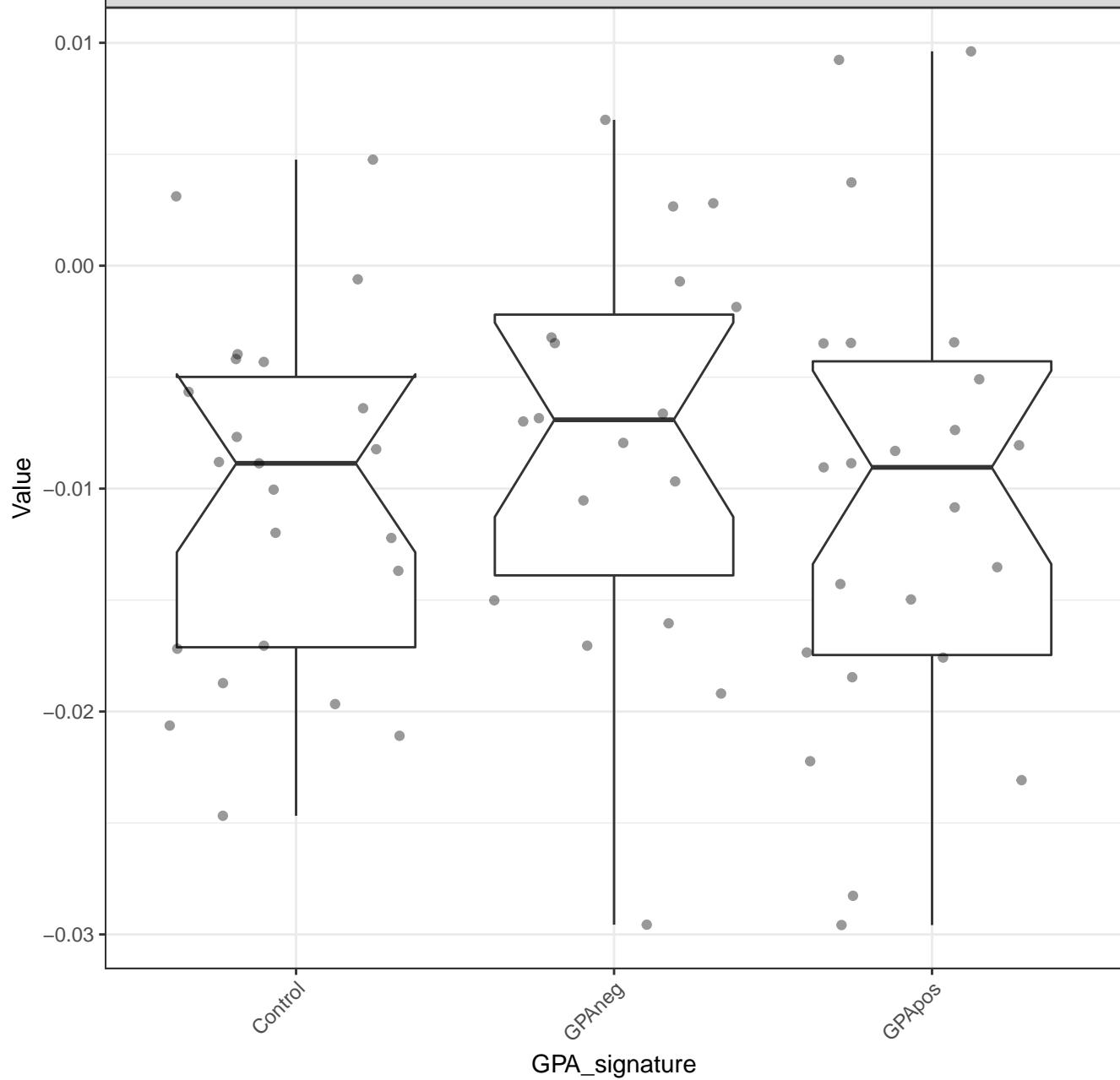
538,PID_P73PATHWAY



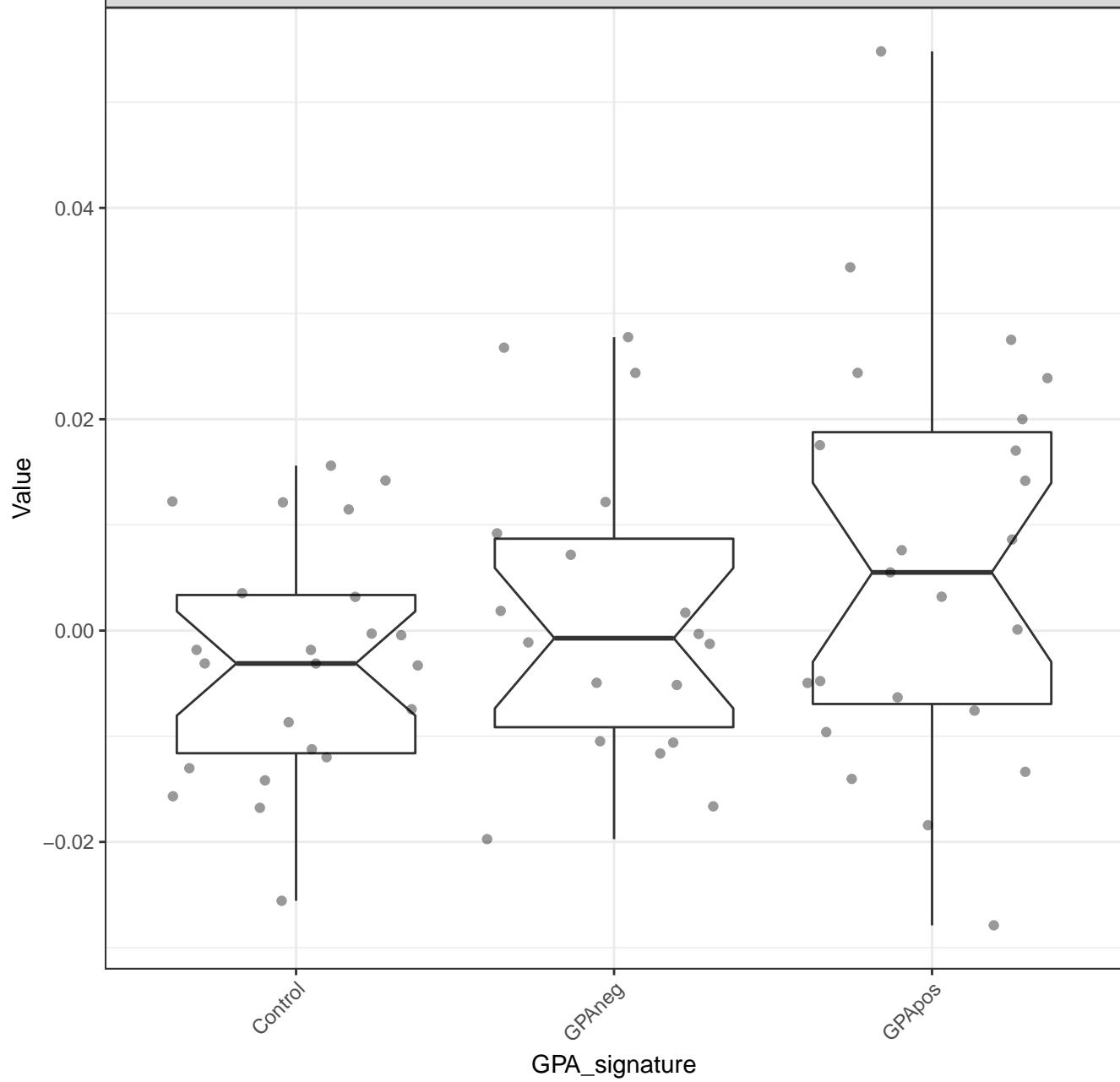
LV 539



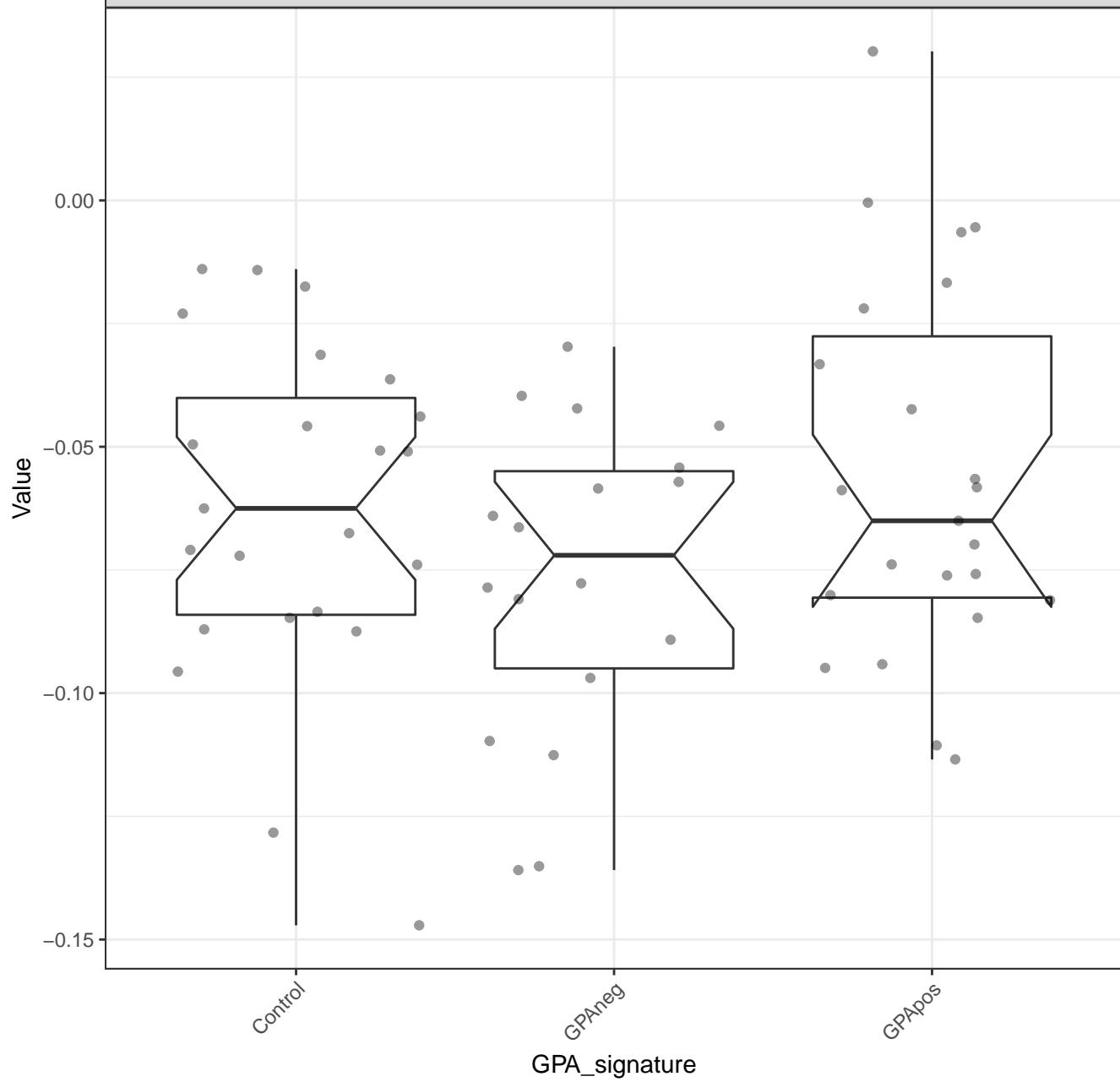
LV 540



541,REACTOME_G1_PHASE



LV 542



Value

0.00

-0.05

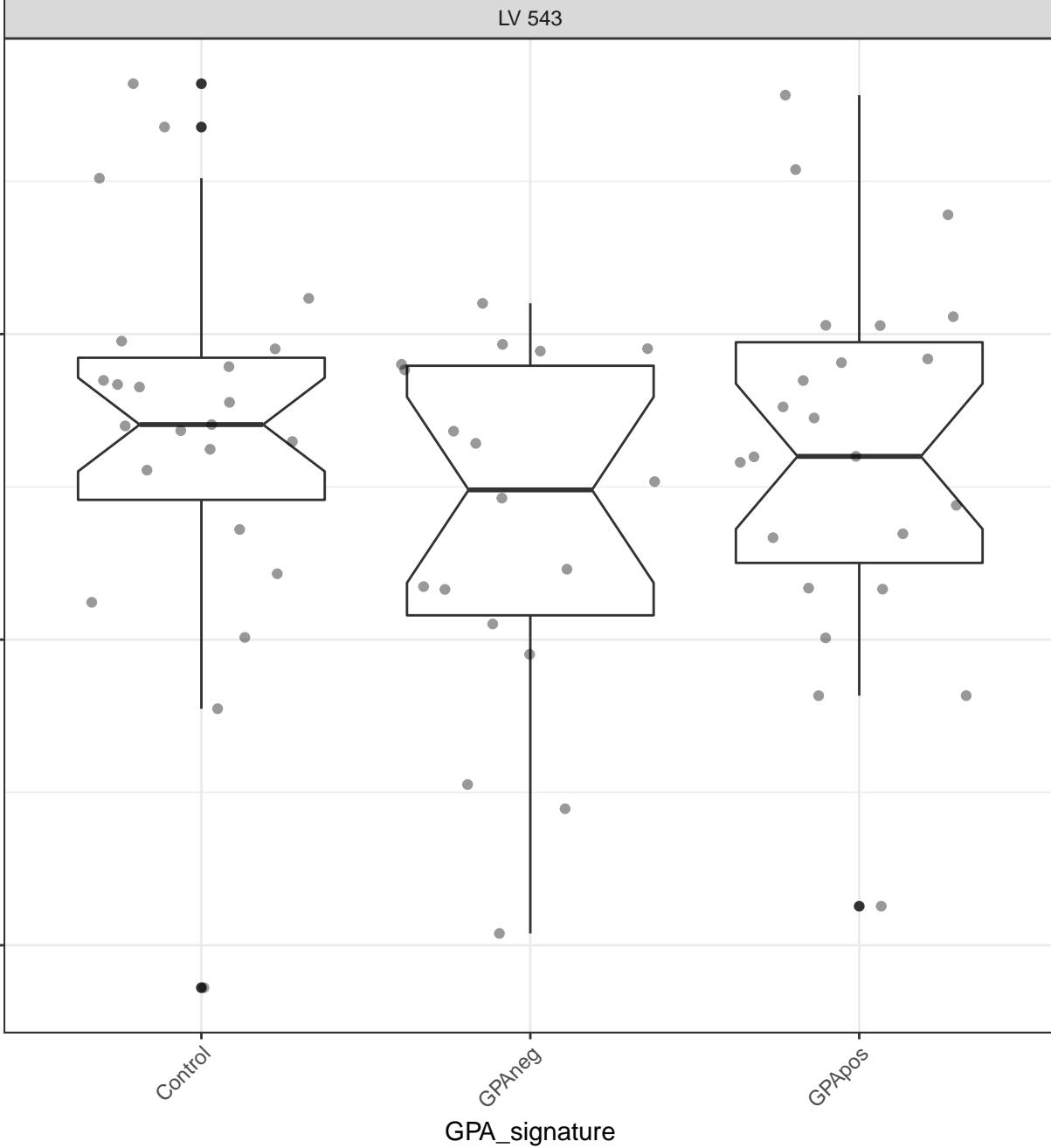
-0.10

Control

GPAneg

GPApos

GPA_signature



Value

0.05

0.00

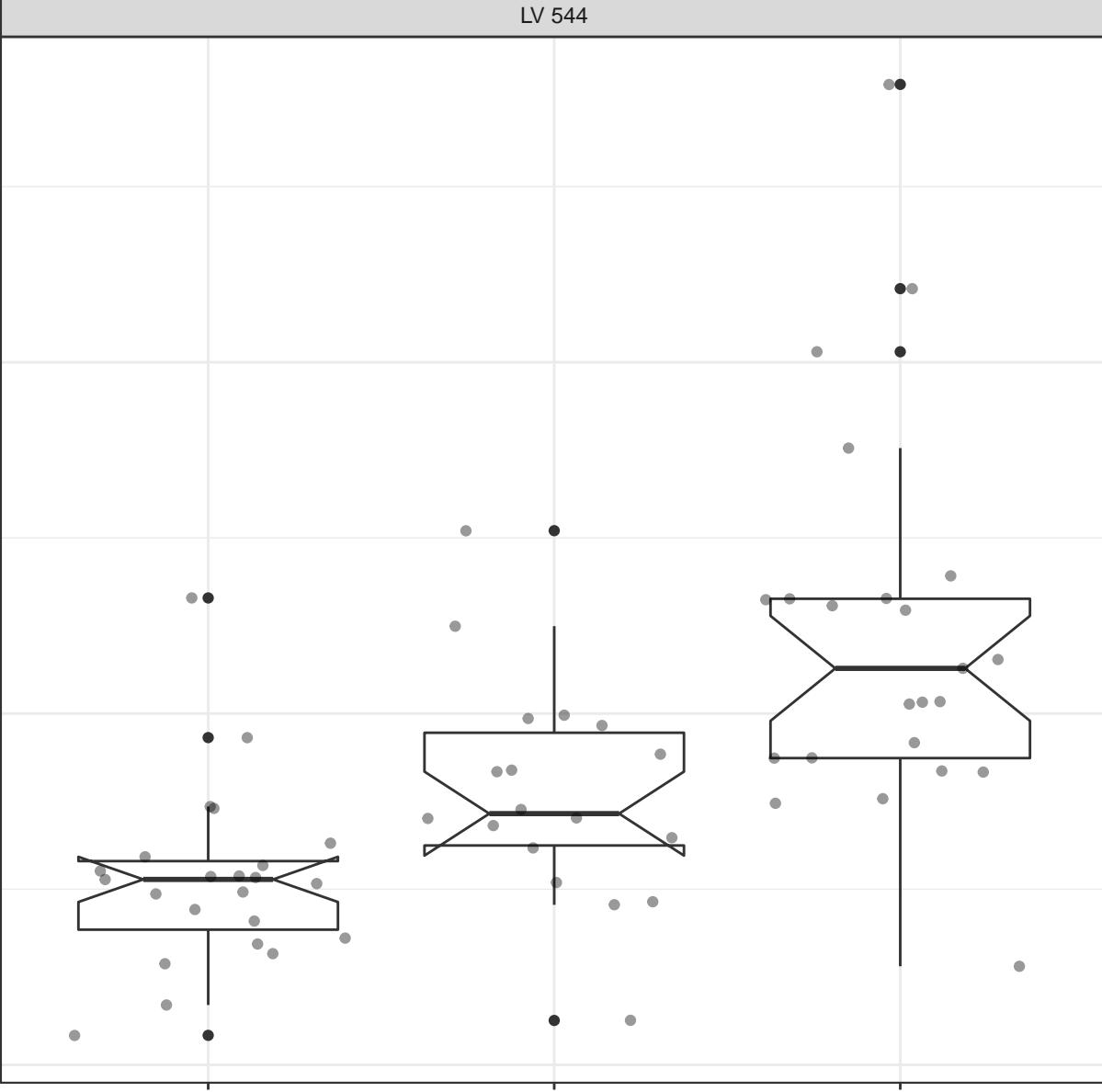
-0.05

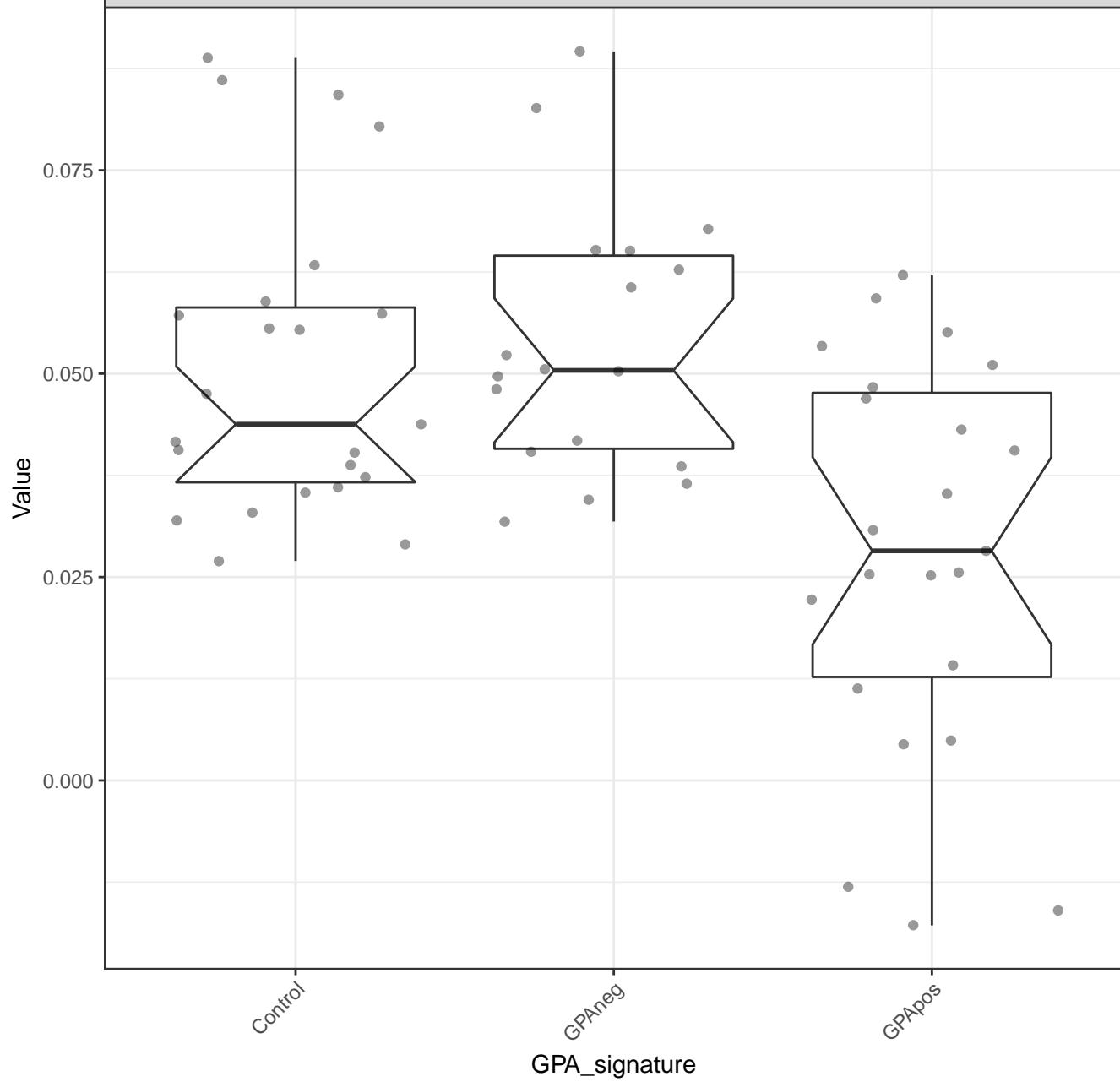
Control

GPAneg

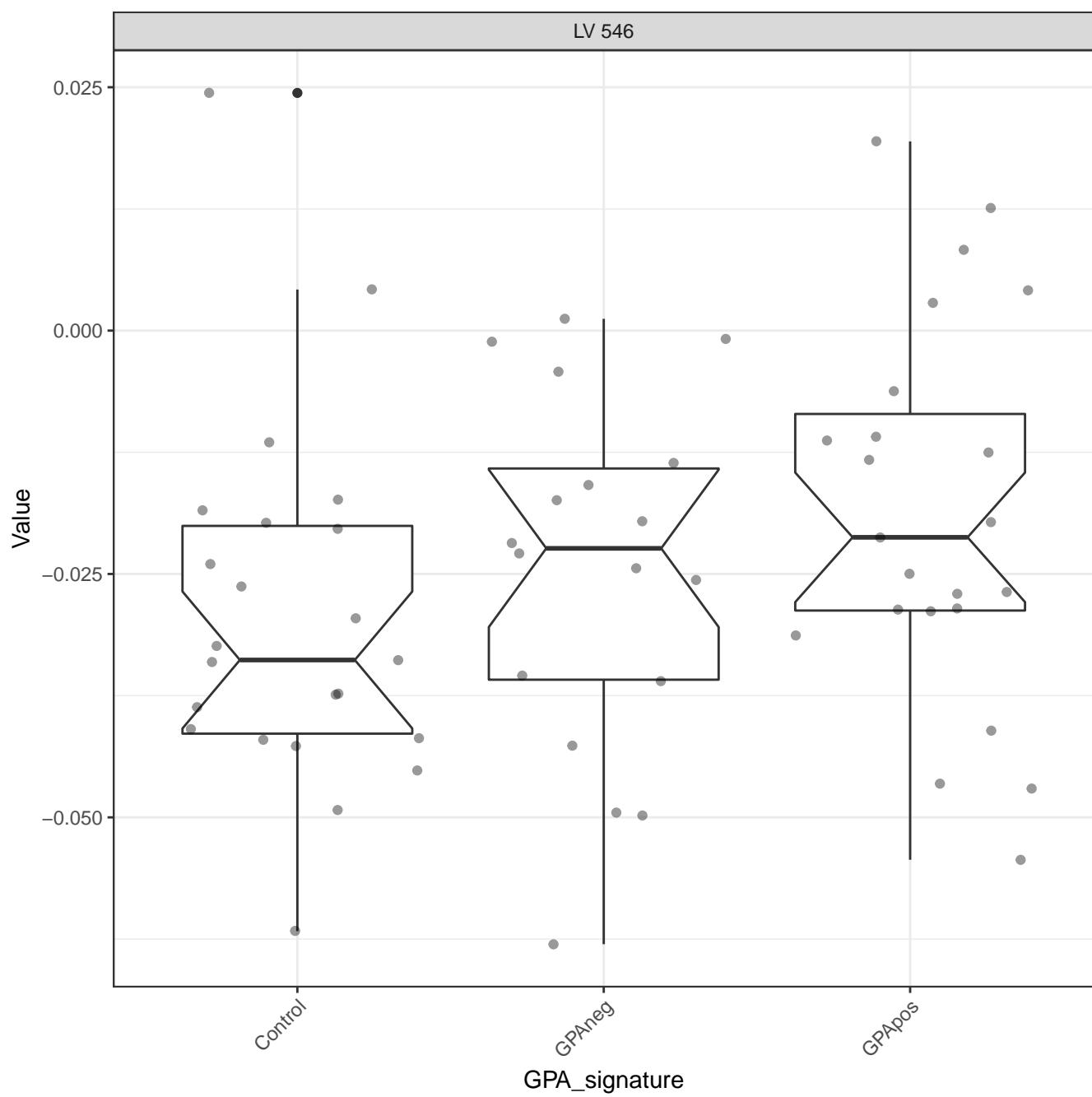
GPAPos

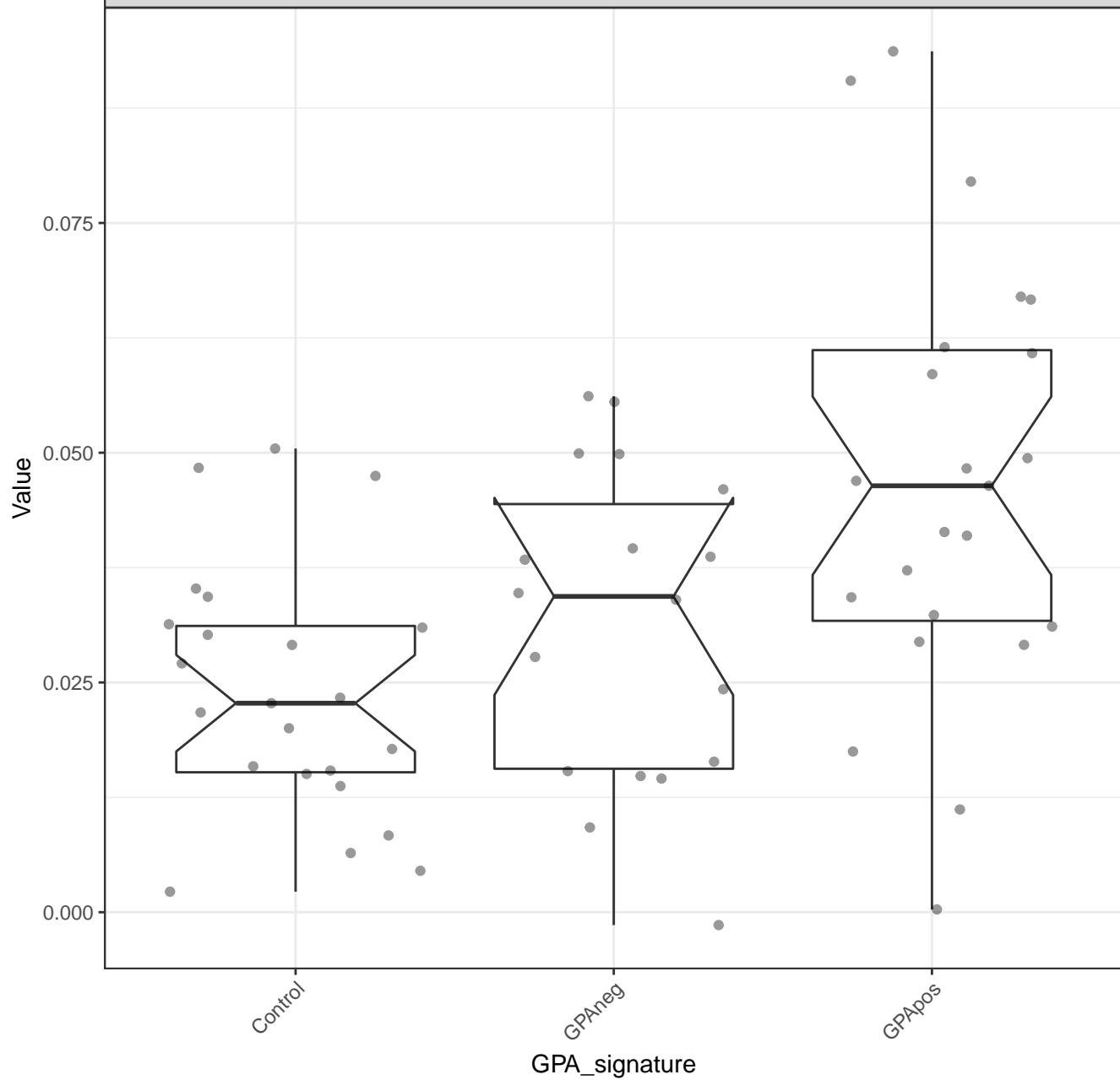
GPA_signature





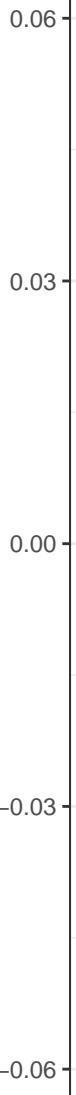
LV 546





LV 548

Value



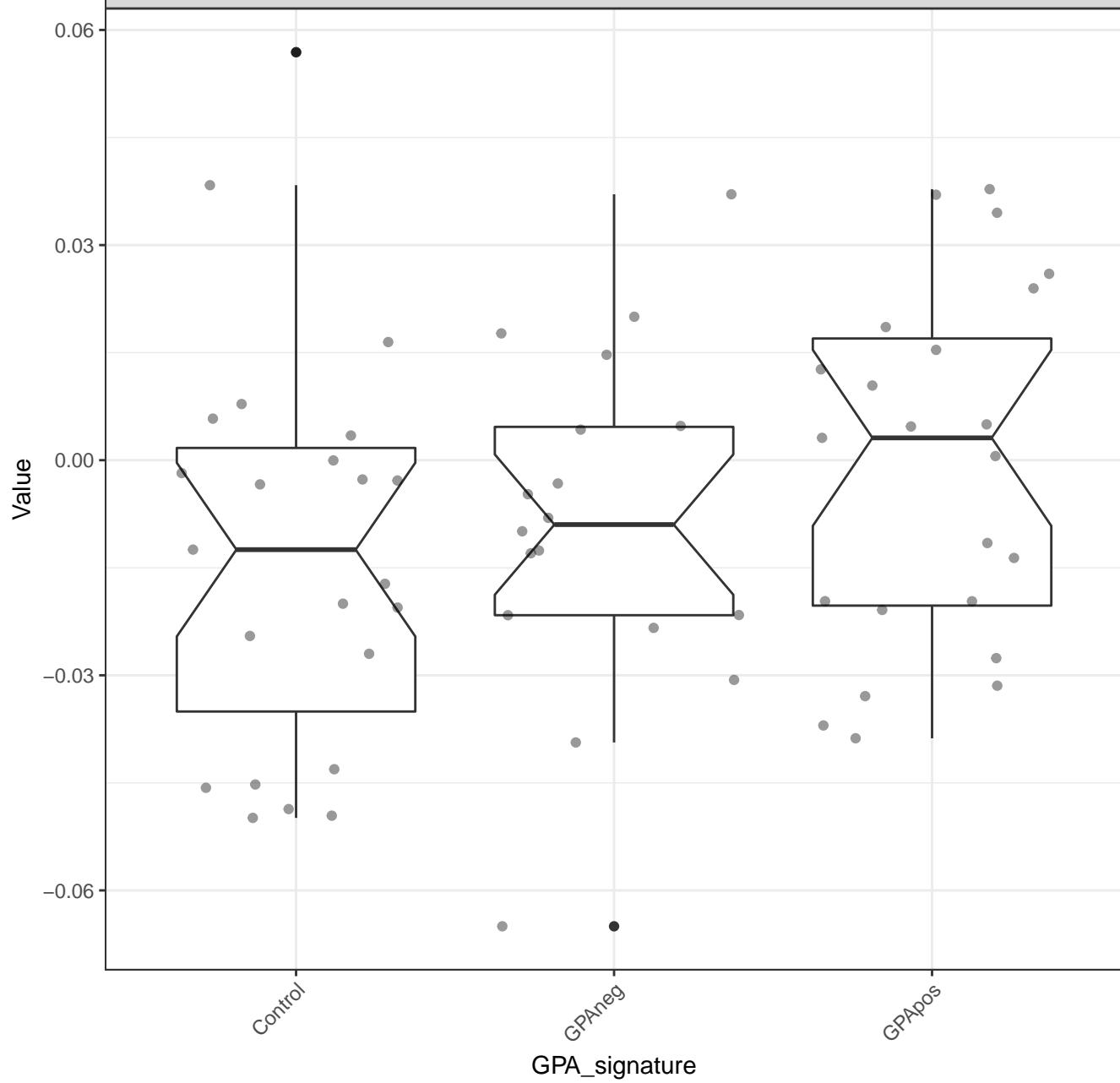
Control

GPAneg

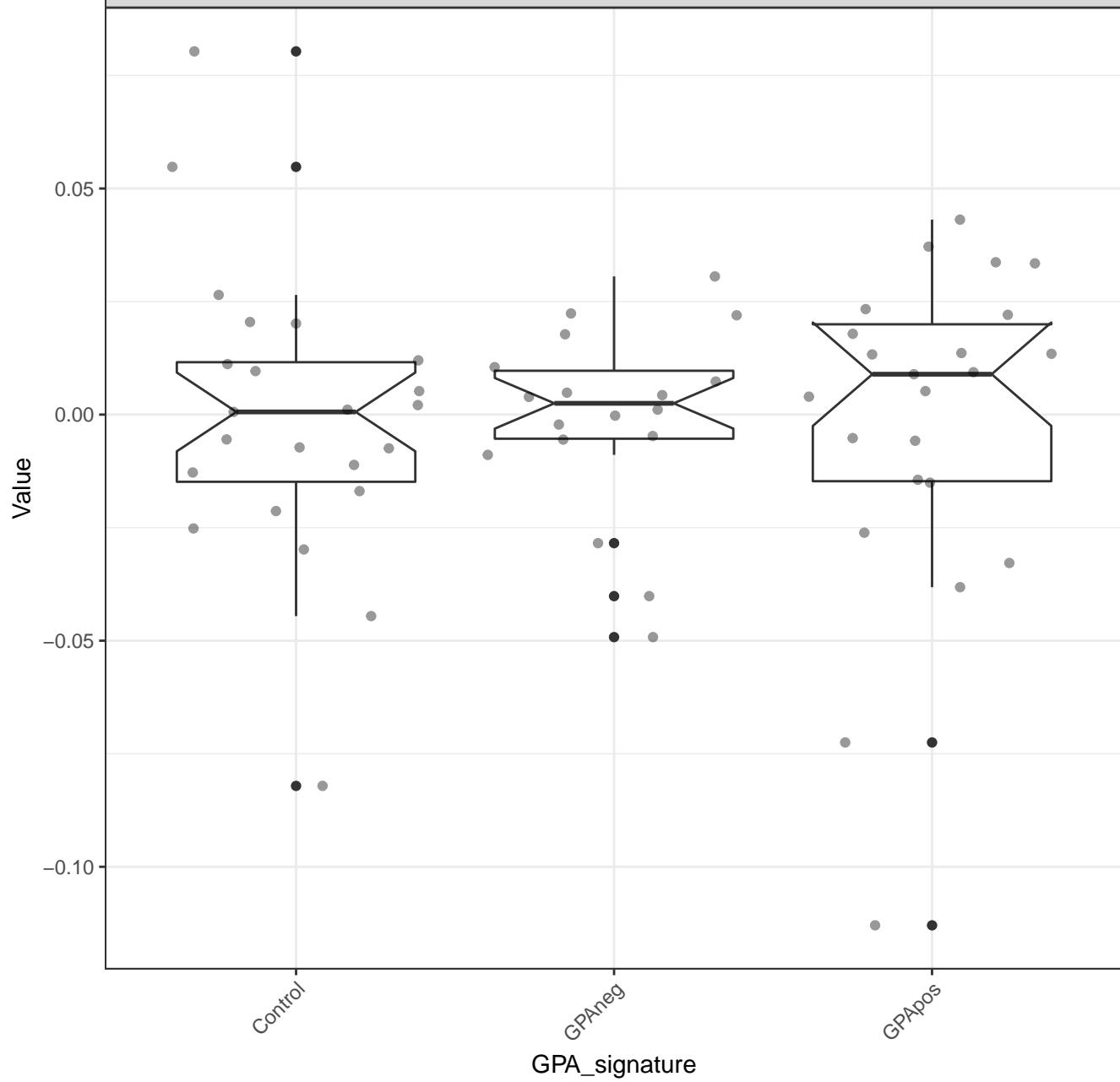
GPados

GPA_signature

LV 549

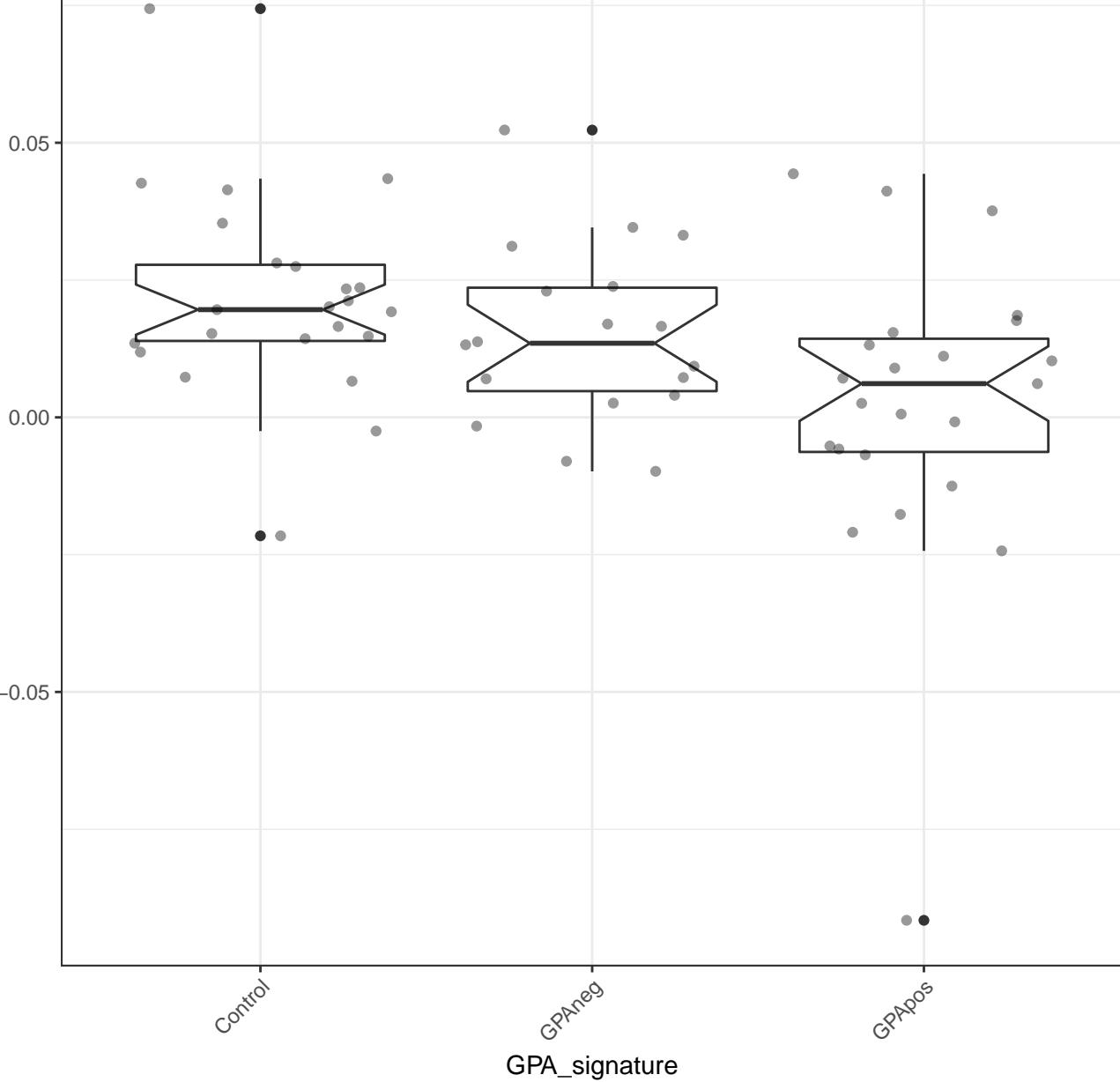


LV 550



LV 551

Value



Value

0.05

0.00

-0.05

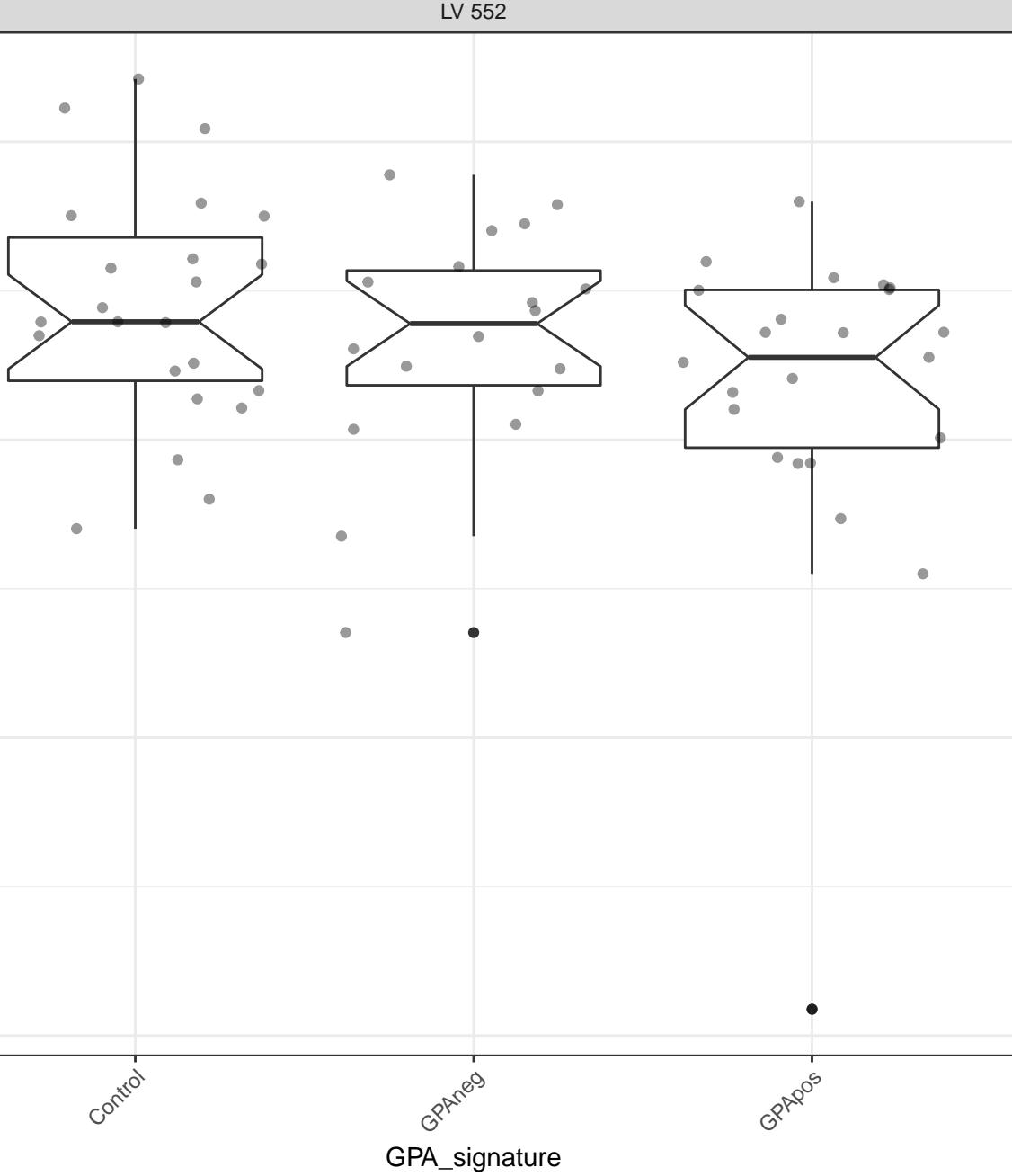
-0.10

Control

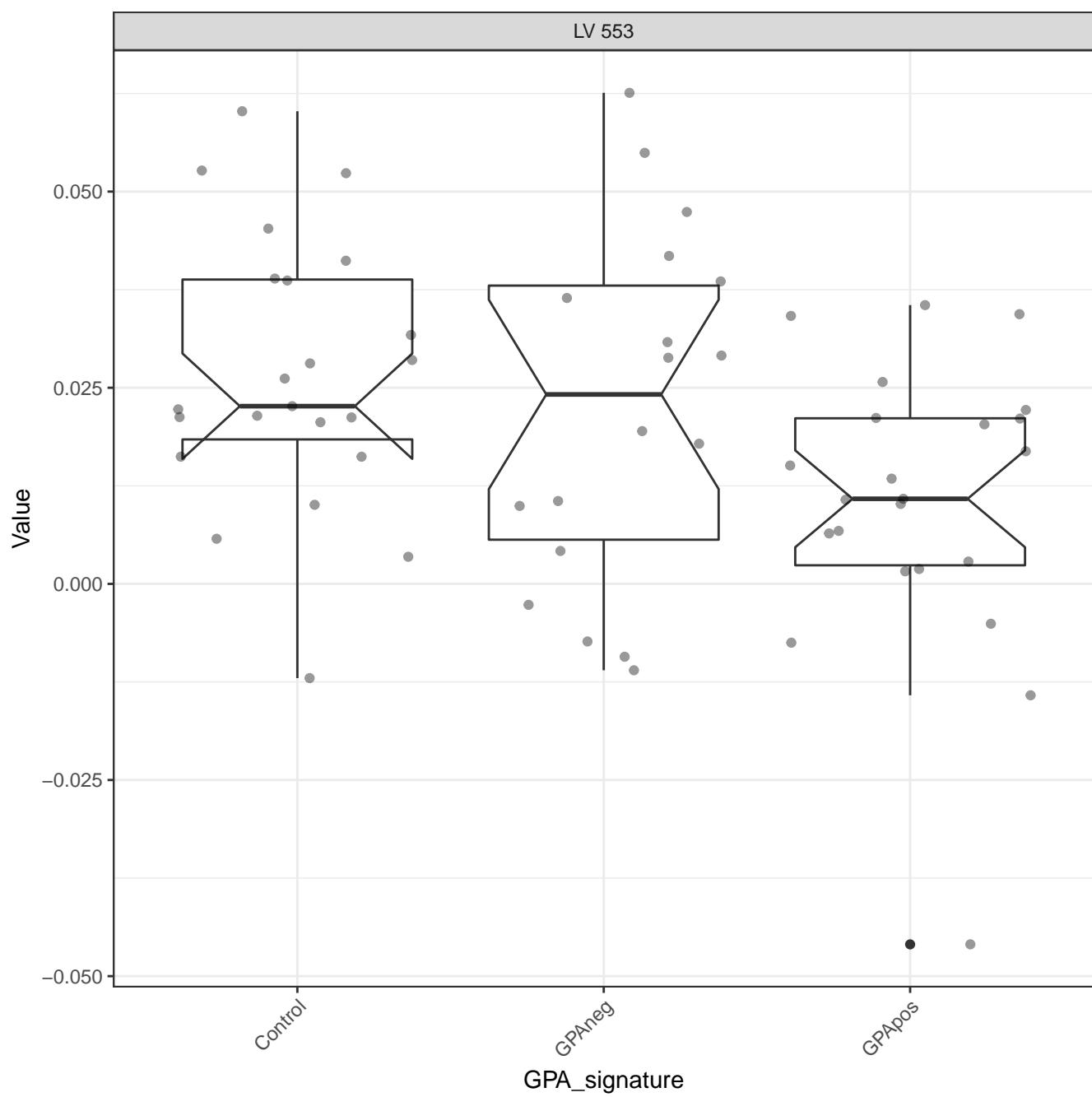
GPA_signature

GPAneg

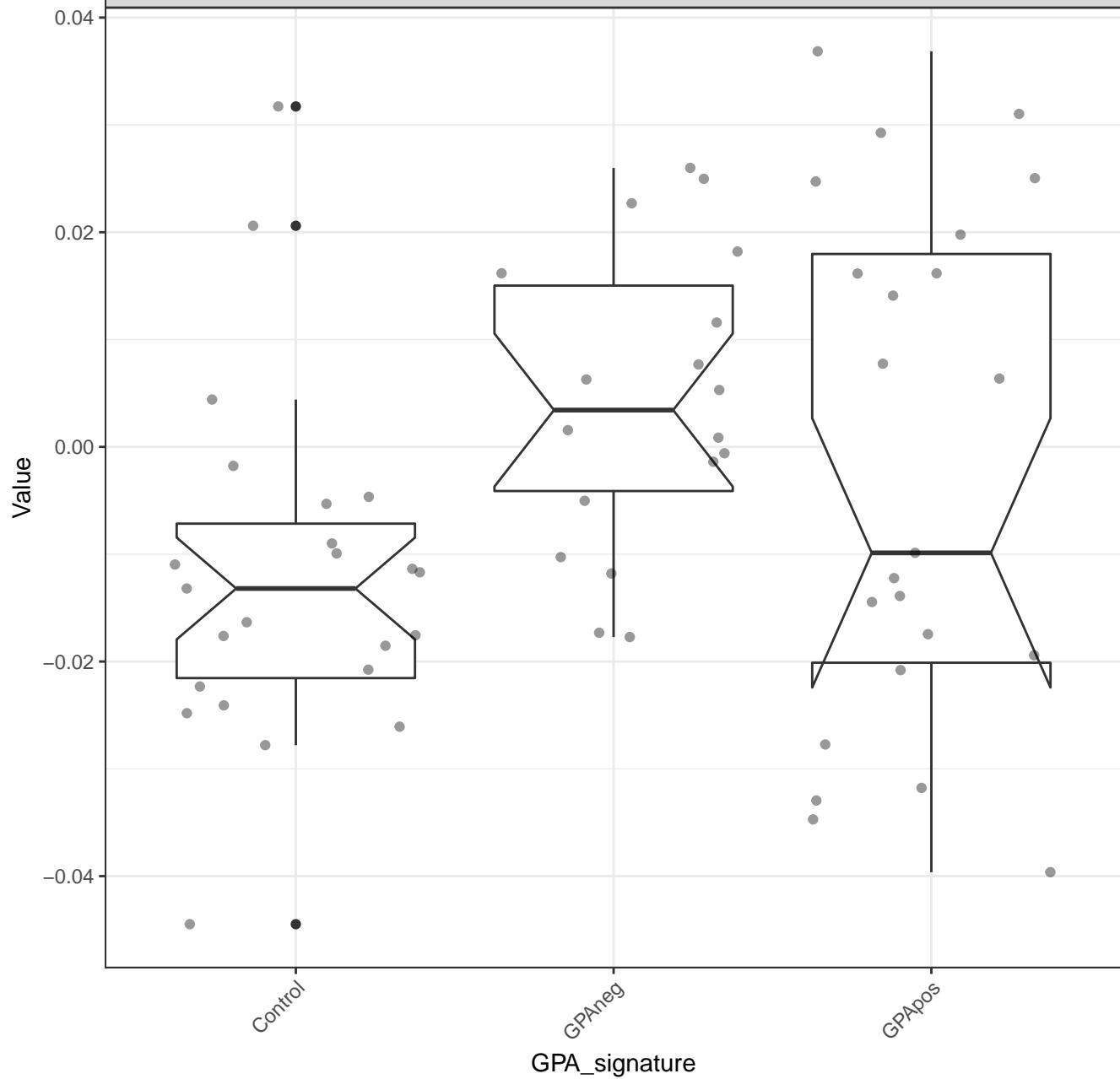
GPAPos



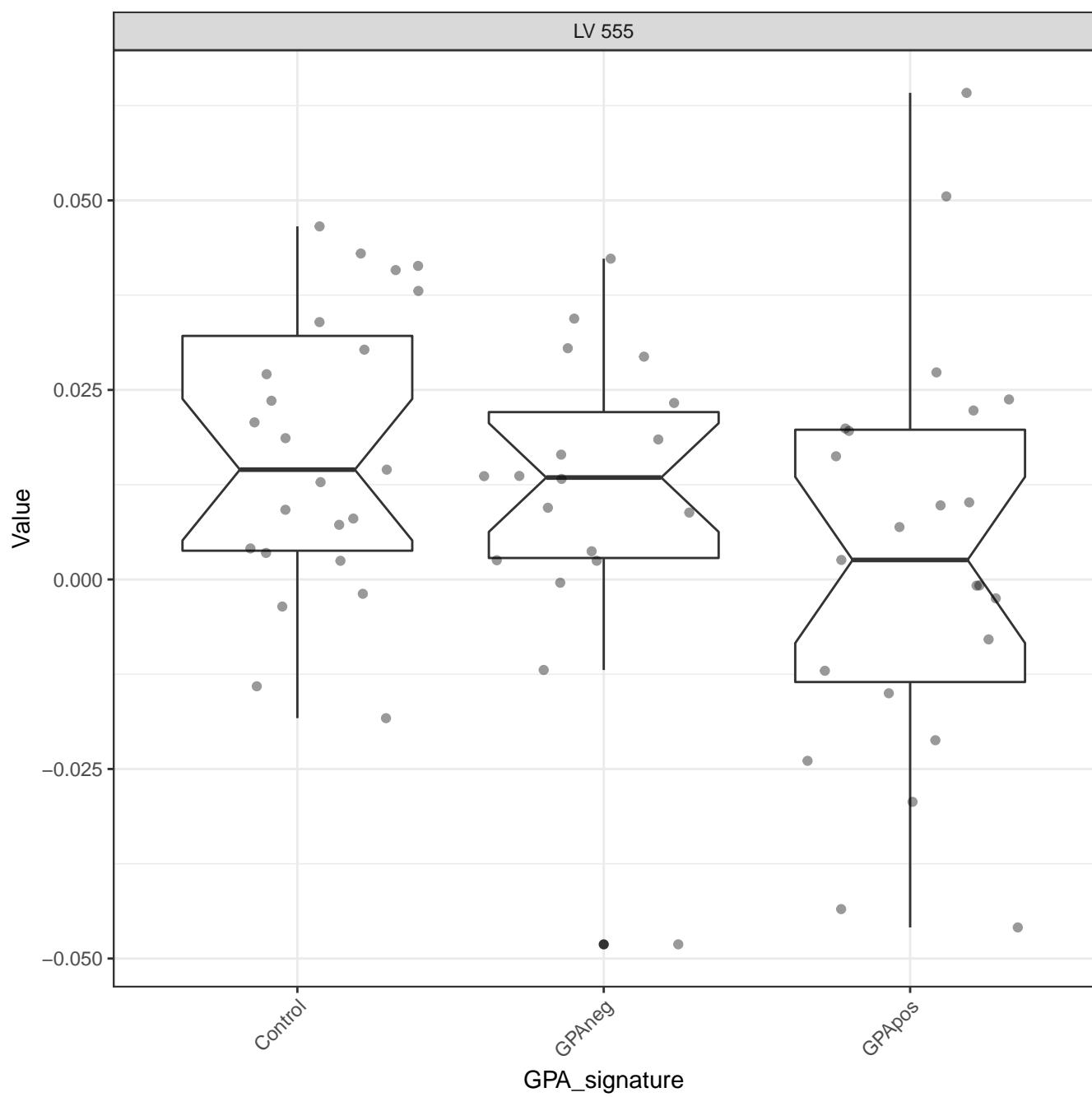
LV 553

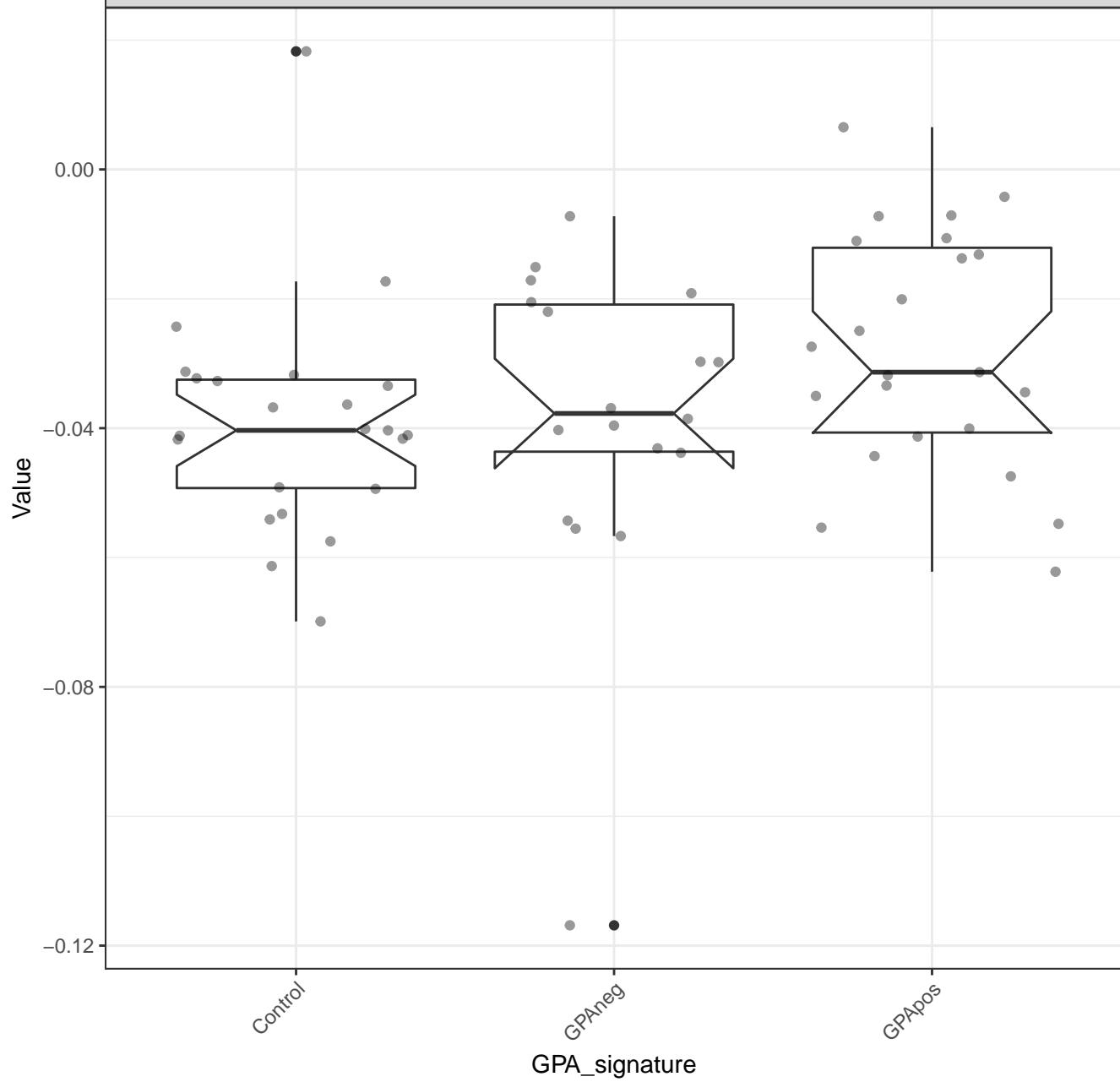


LV 554

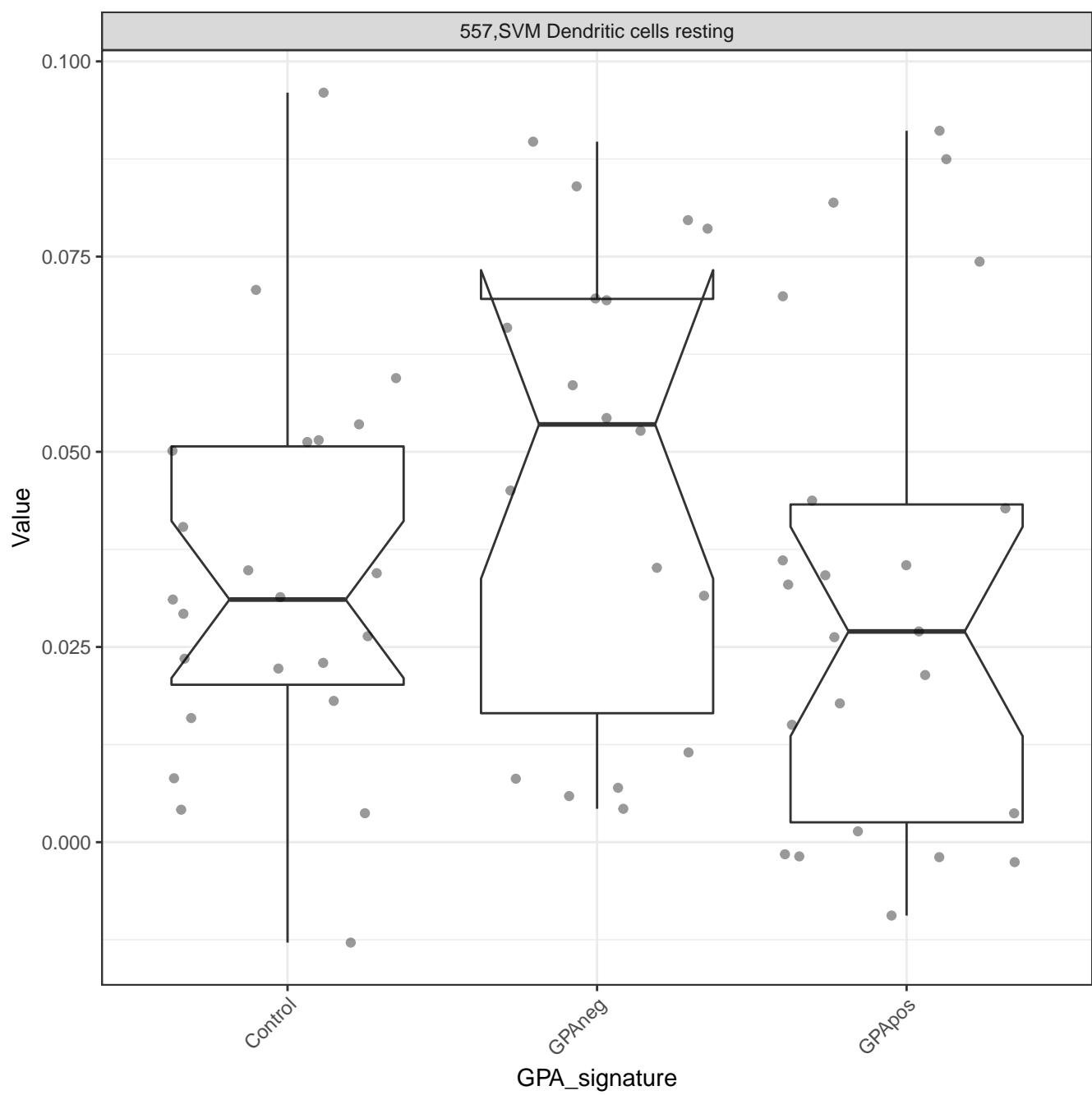


LV 555

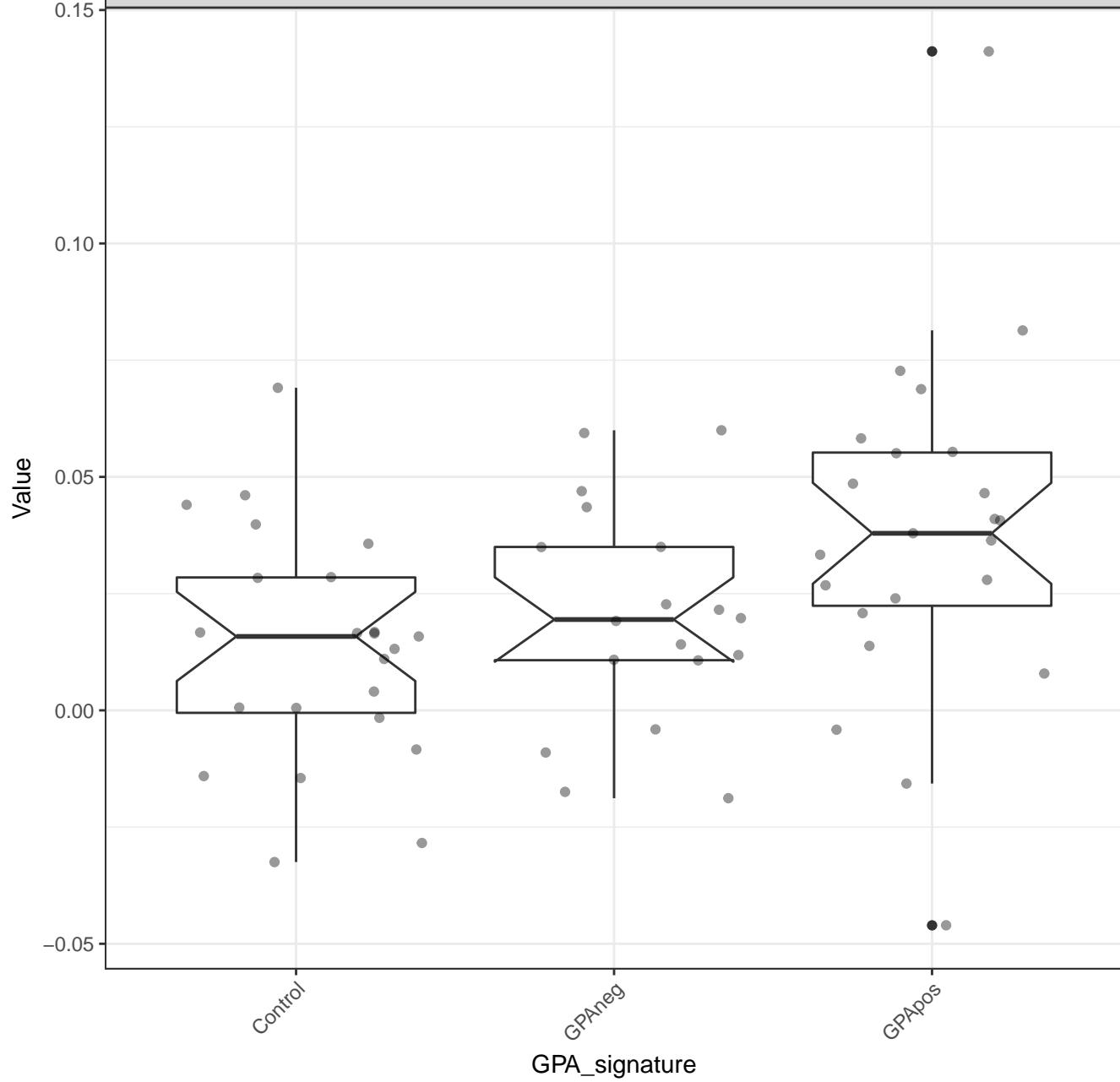




557,SVM Dendritic cells resting



LV 558



LV 559

Value

0.04

0.00

-0.04

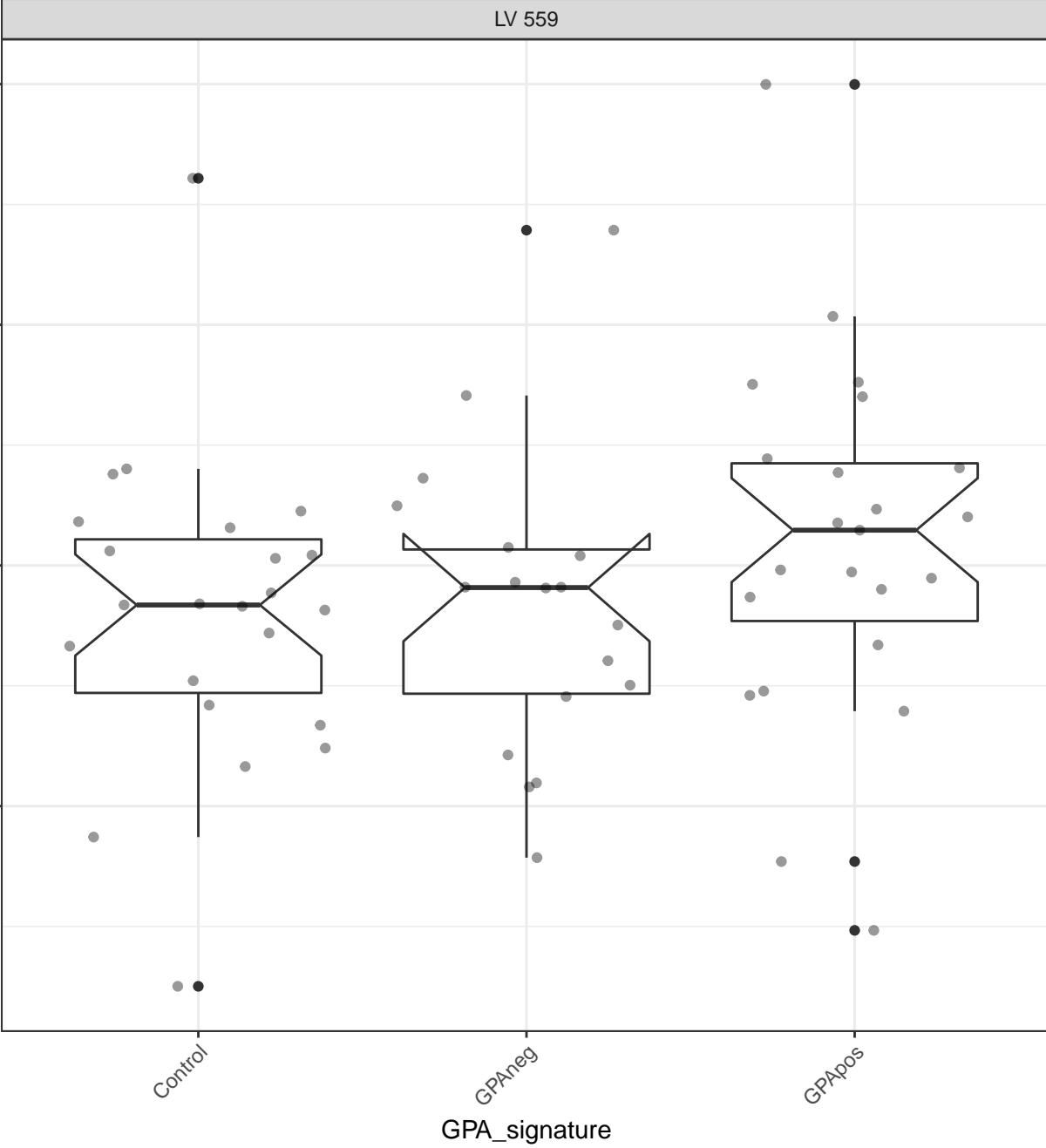
-0.08

Control

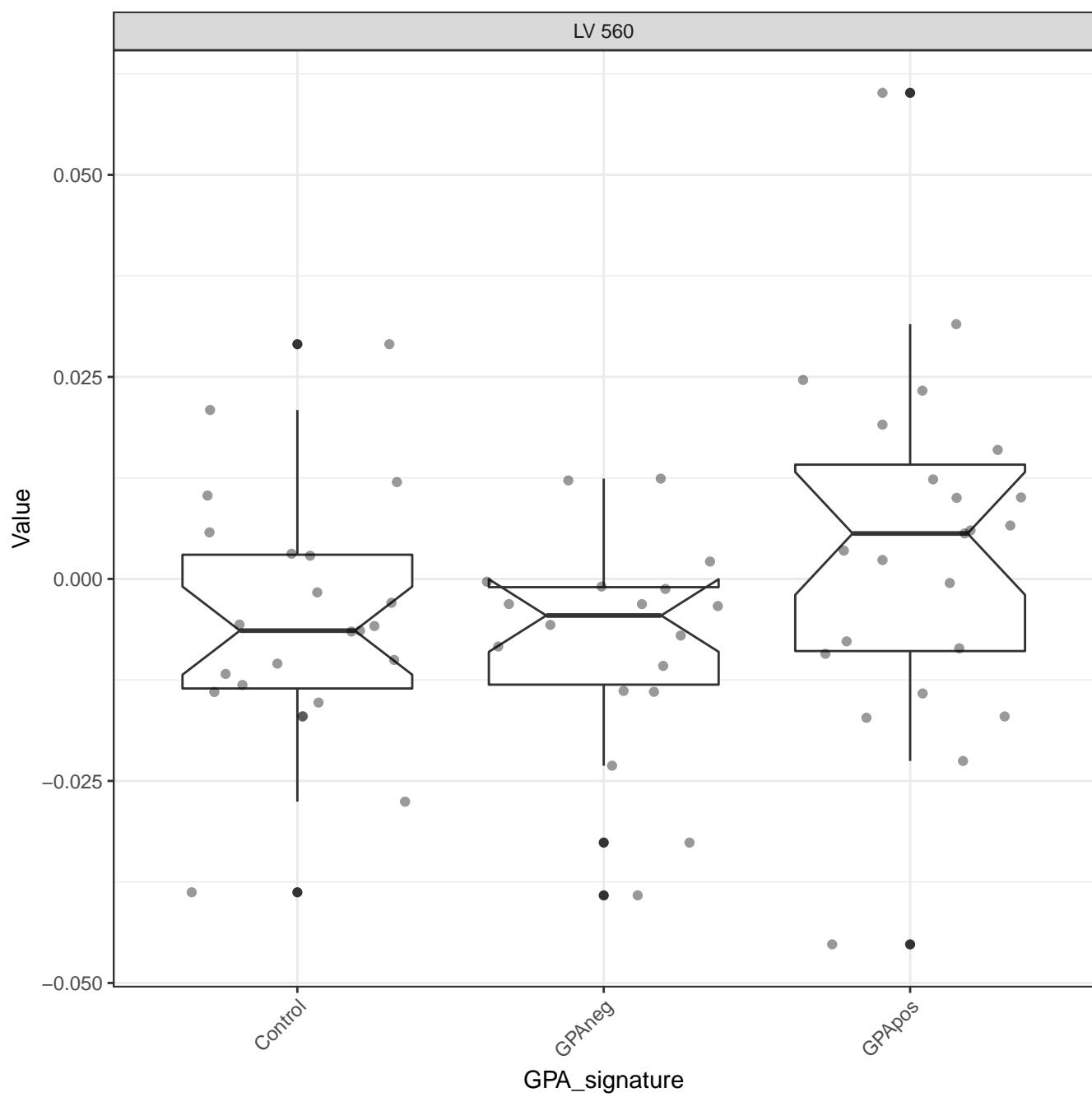
GPAneg

GPApos

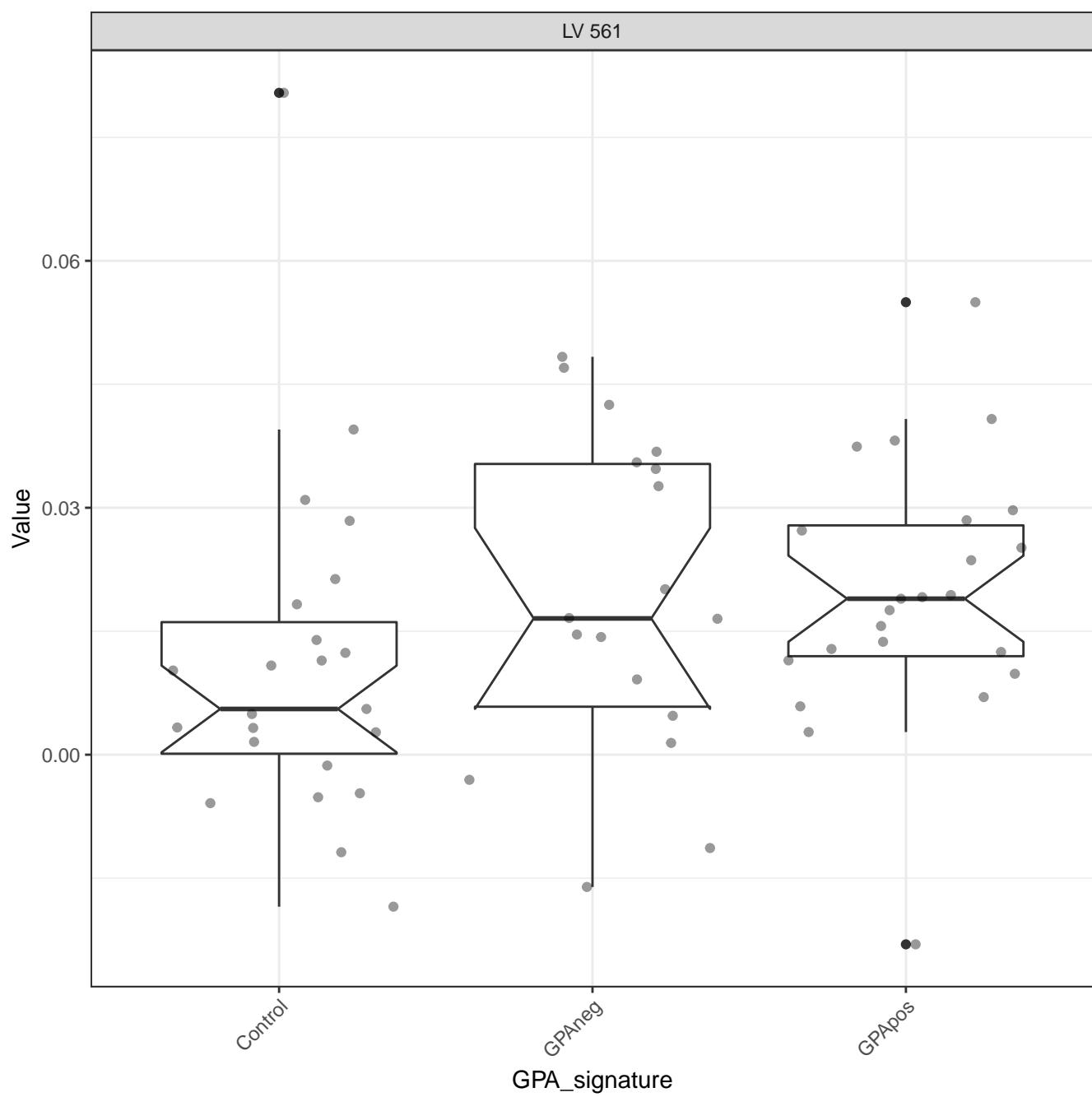
GPA_signature

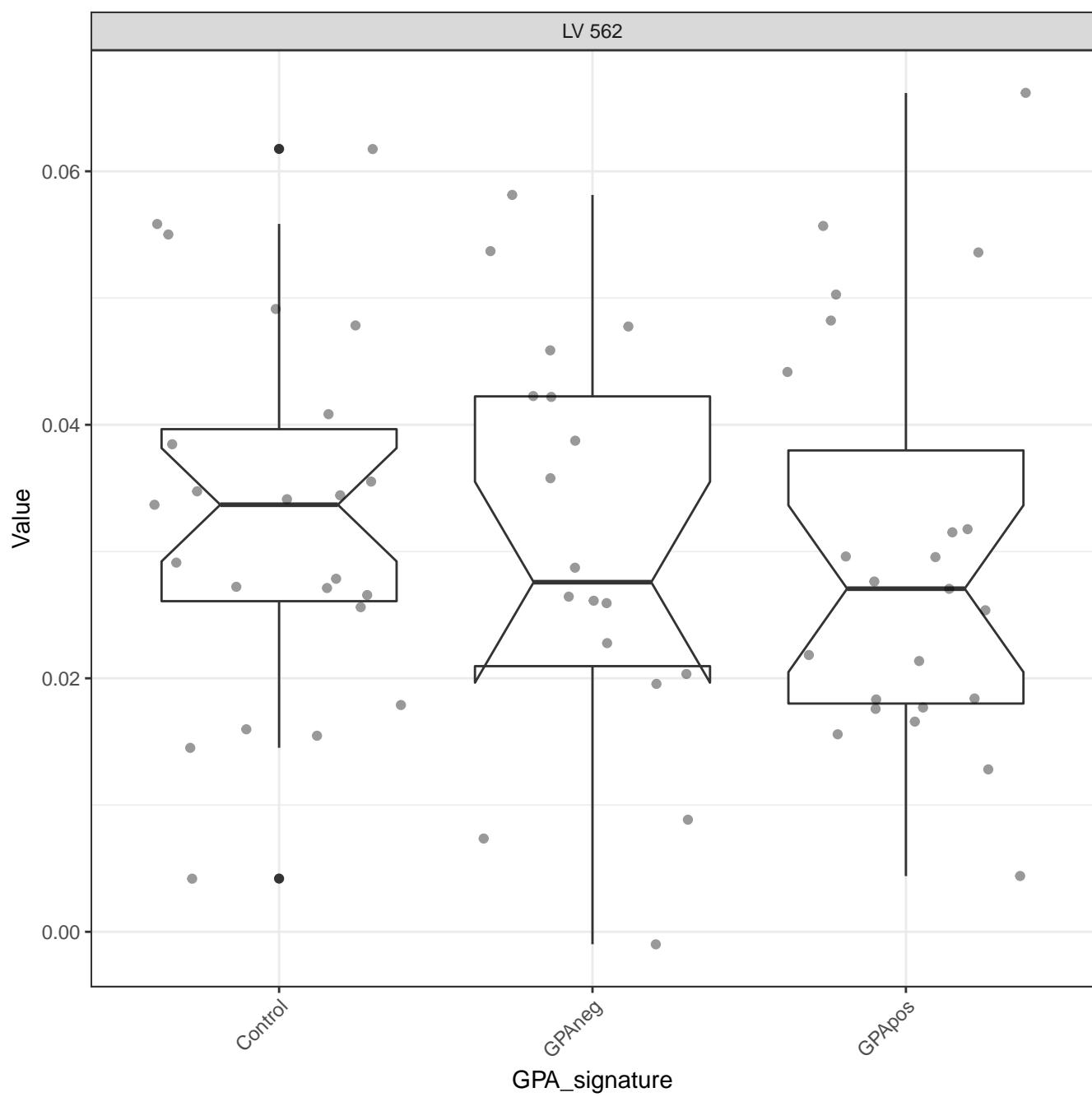


LV 560



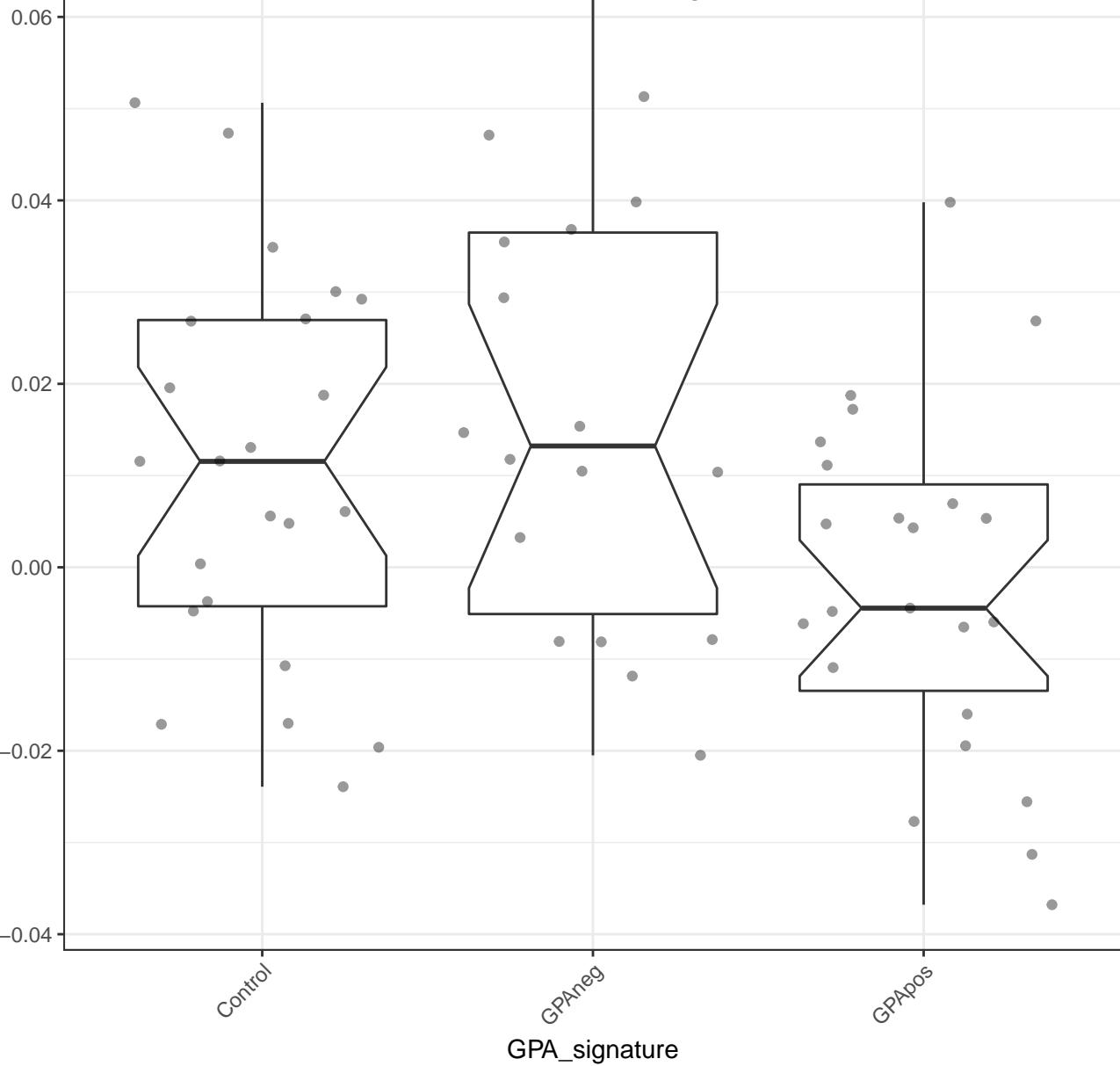
LV 561



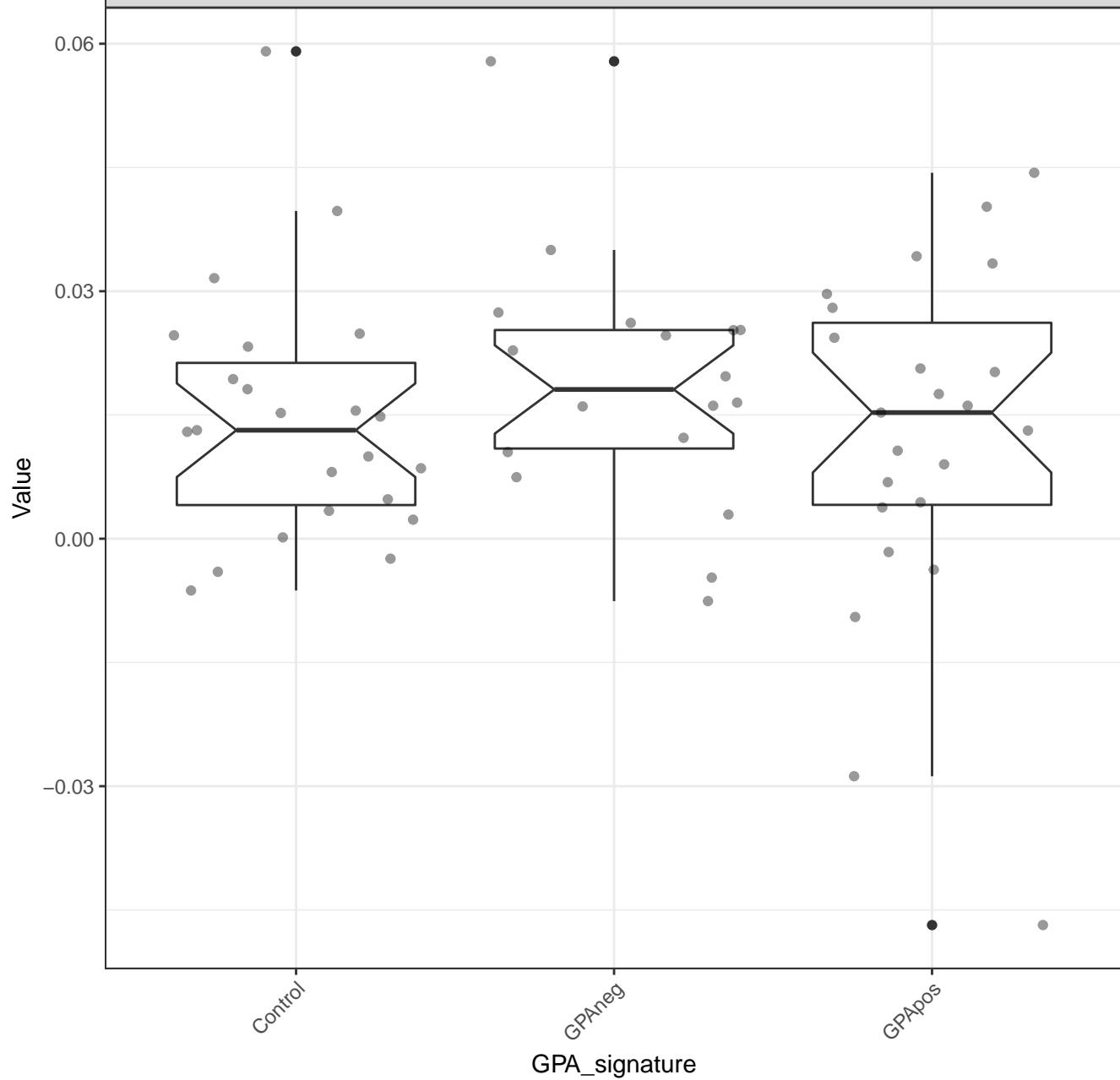


LV 563

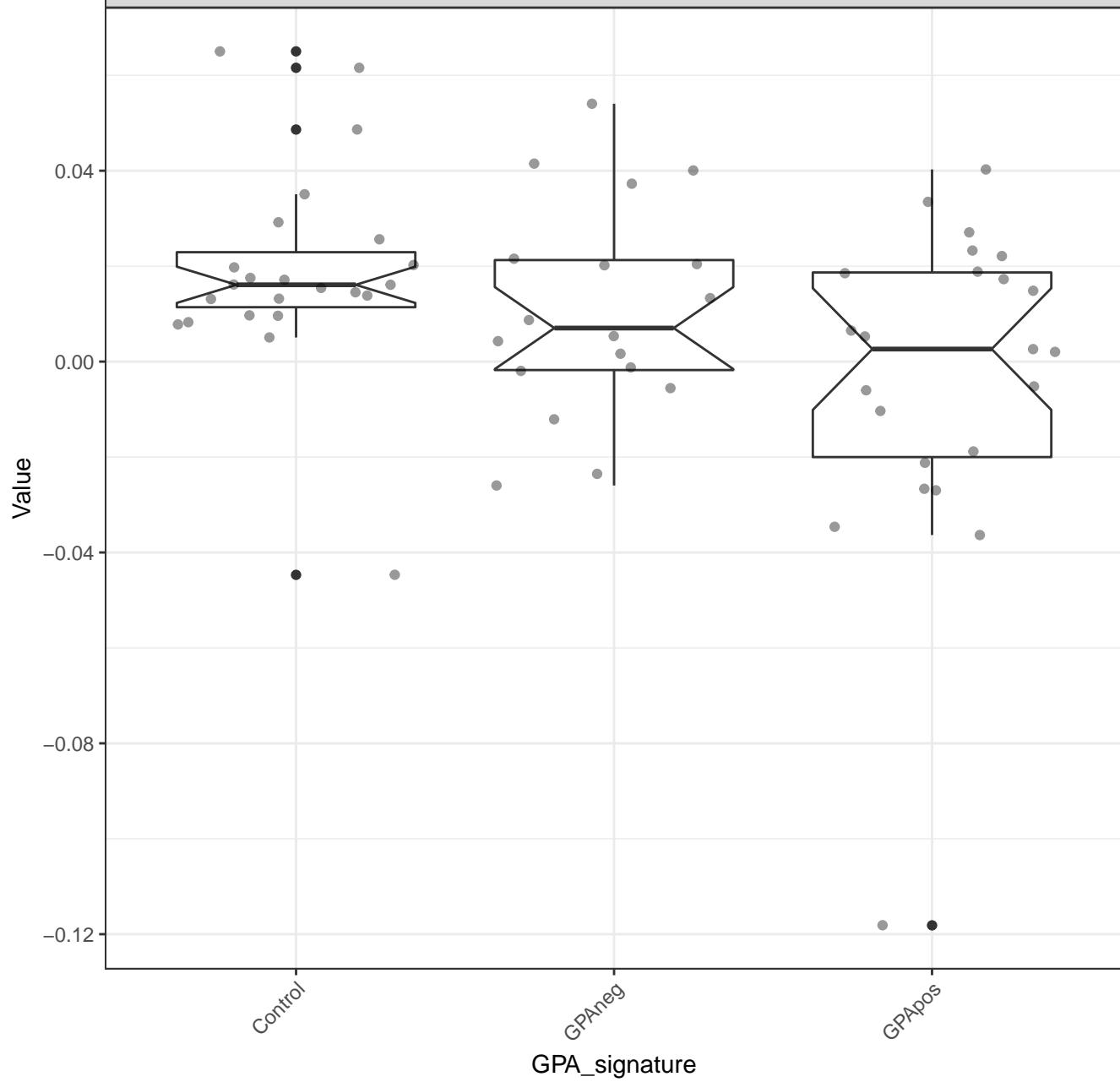
Value



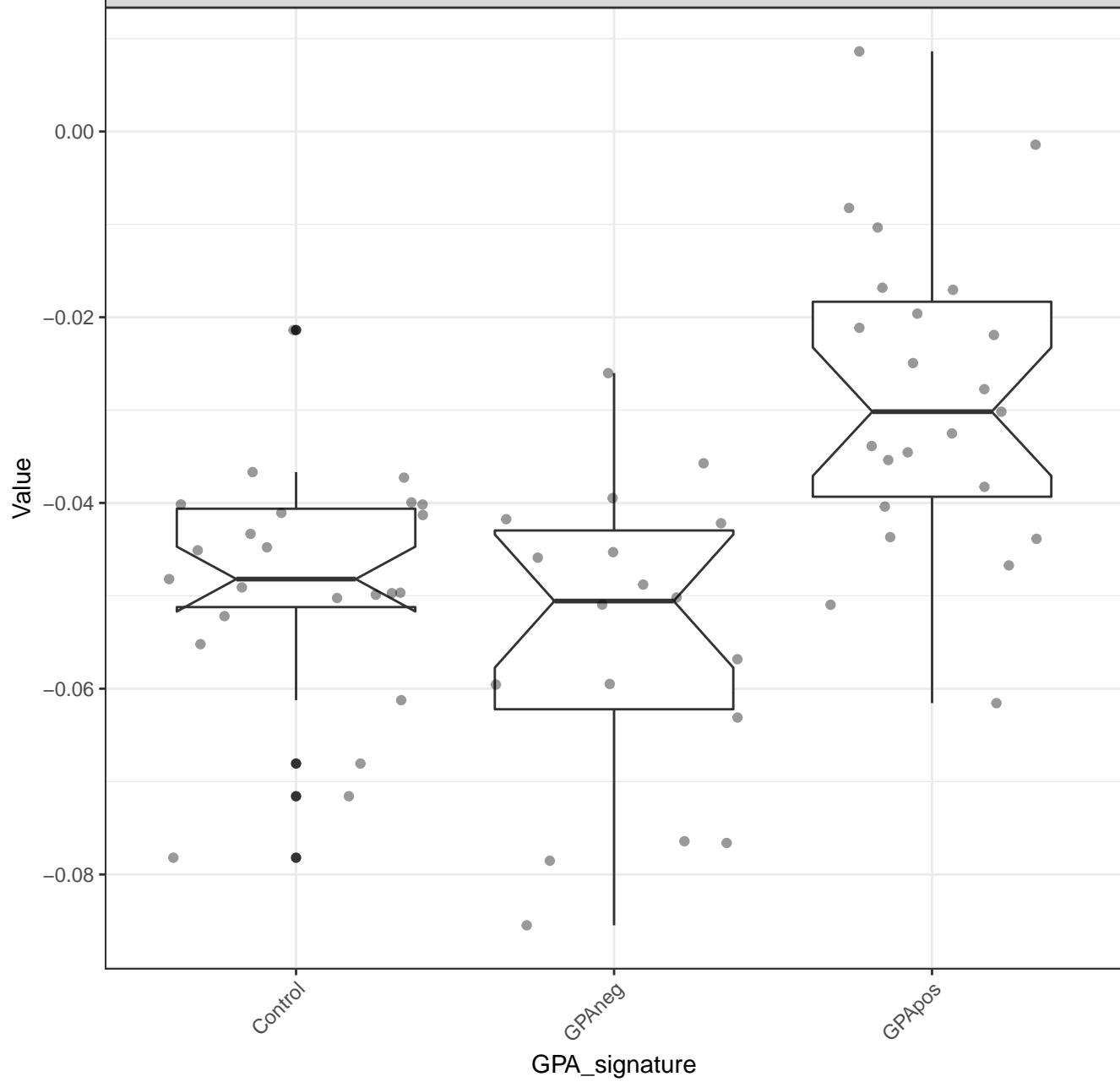
LV 564



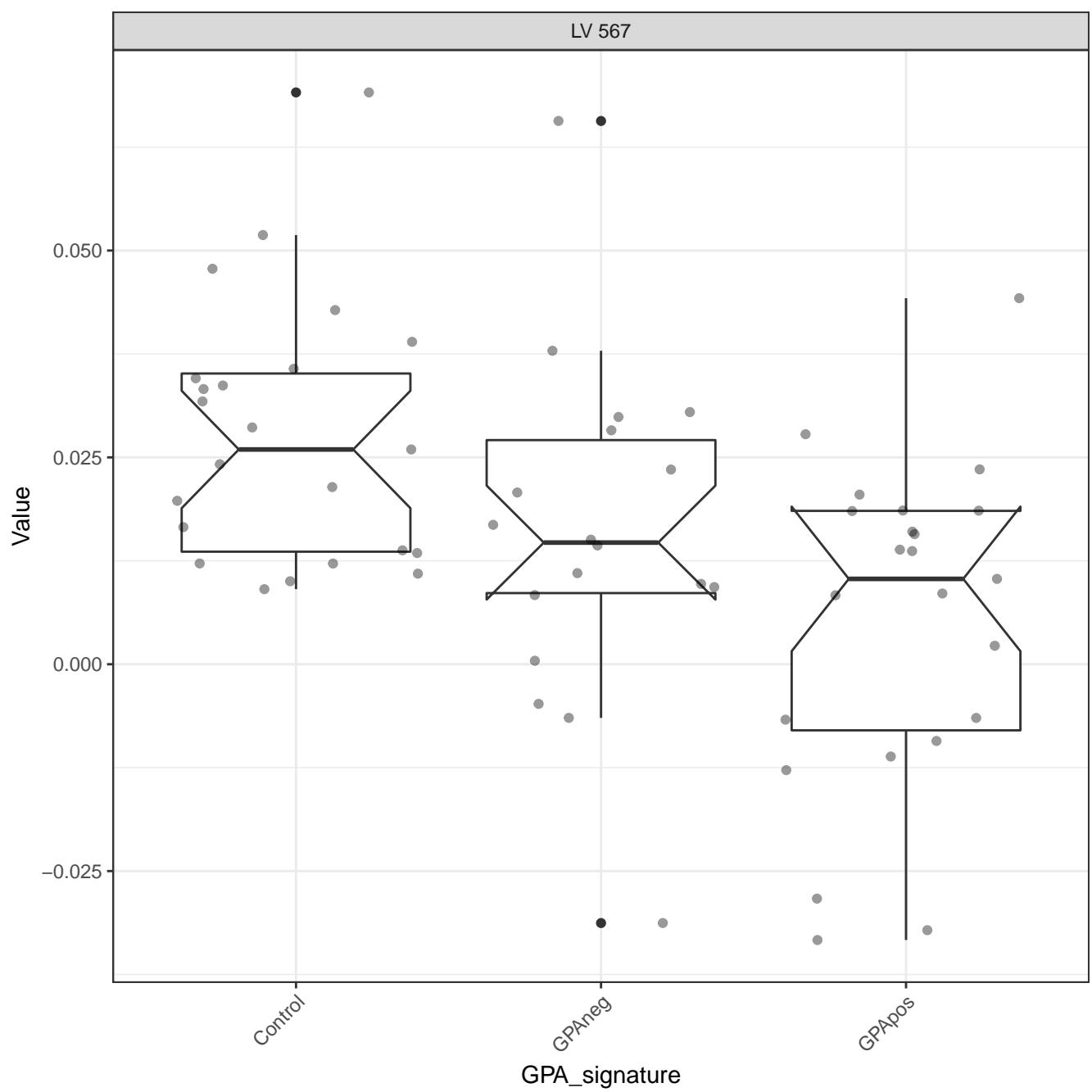
LV 565



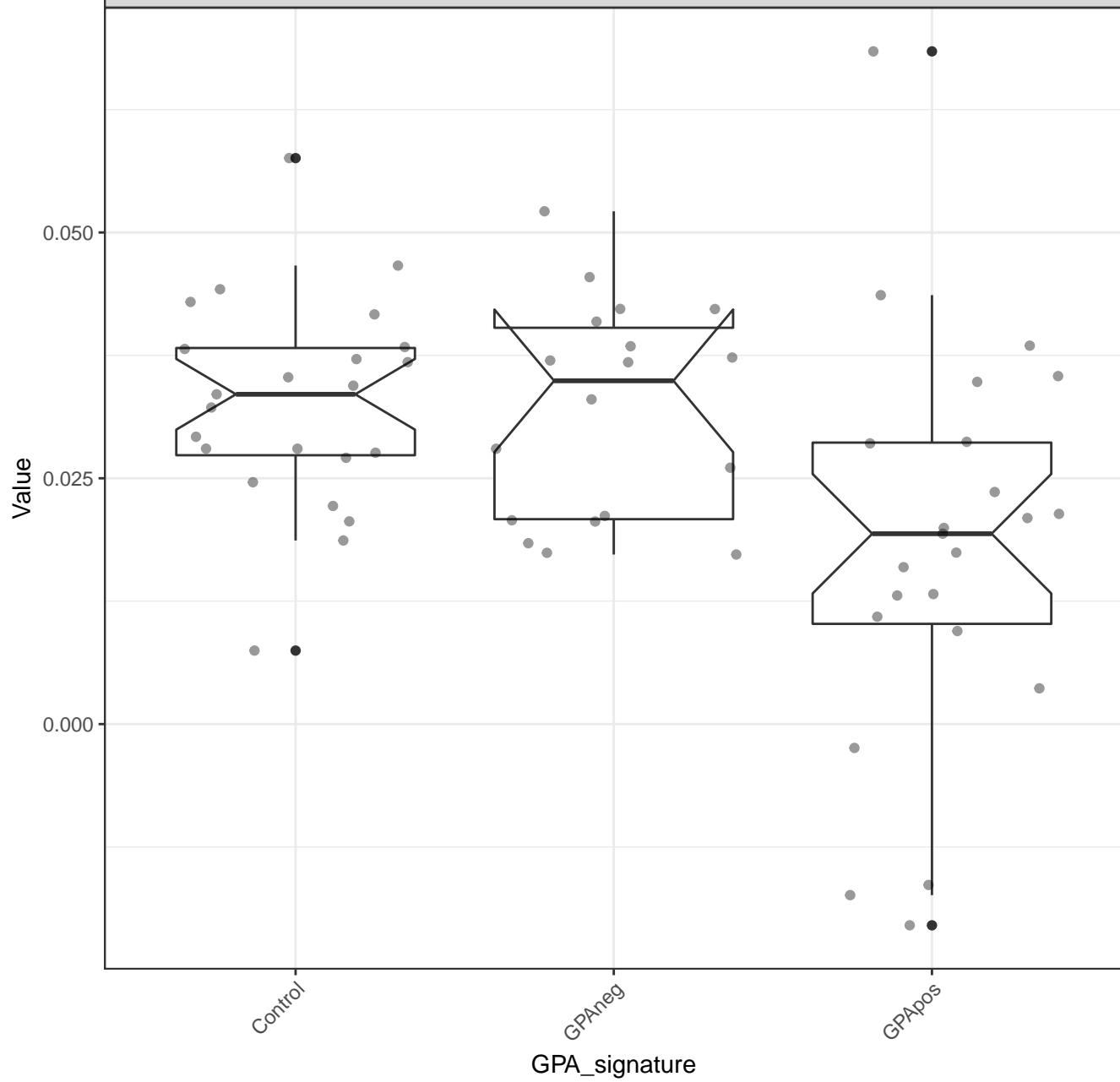
LV 566



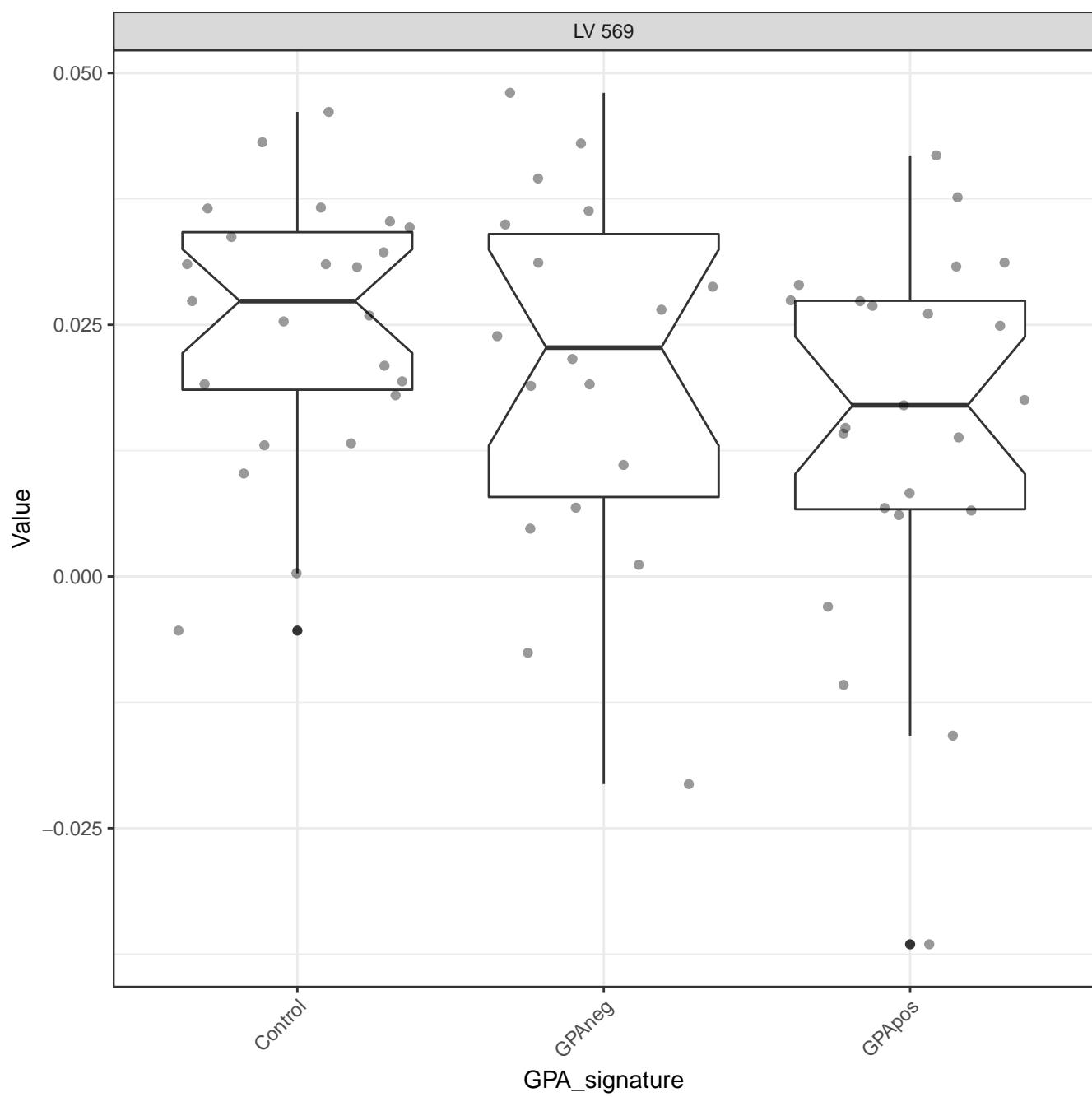
LV 567



LV 568



LV 569



LV 570

Value

0.025

0.000

-0.025

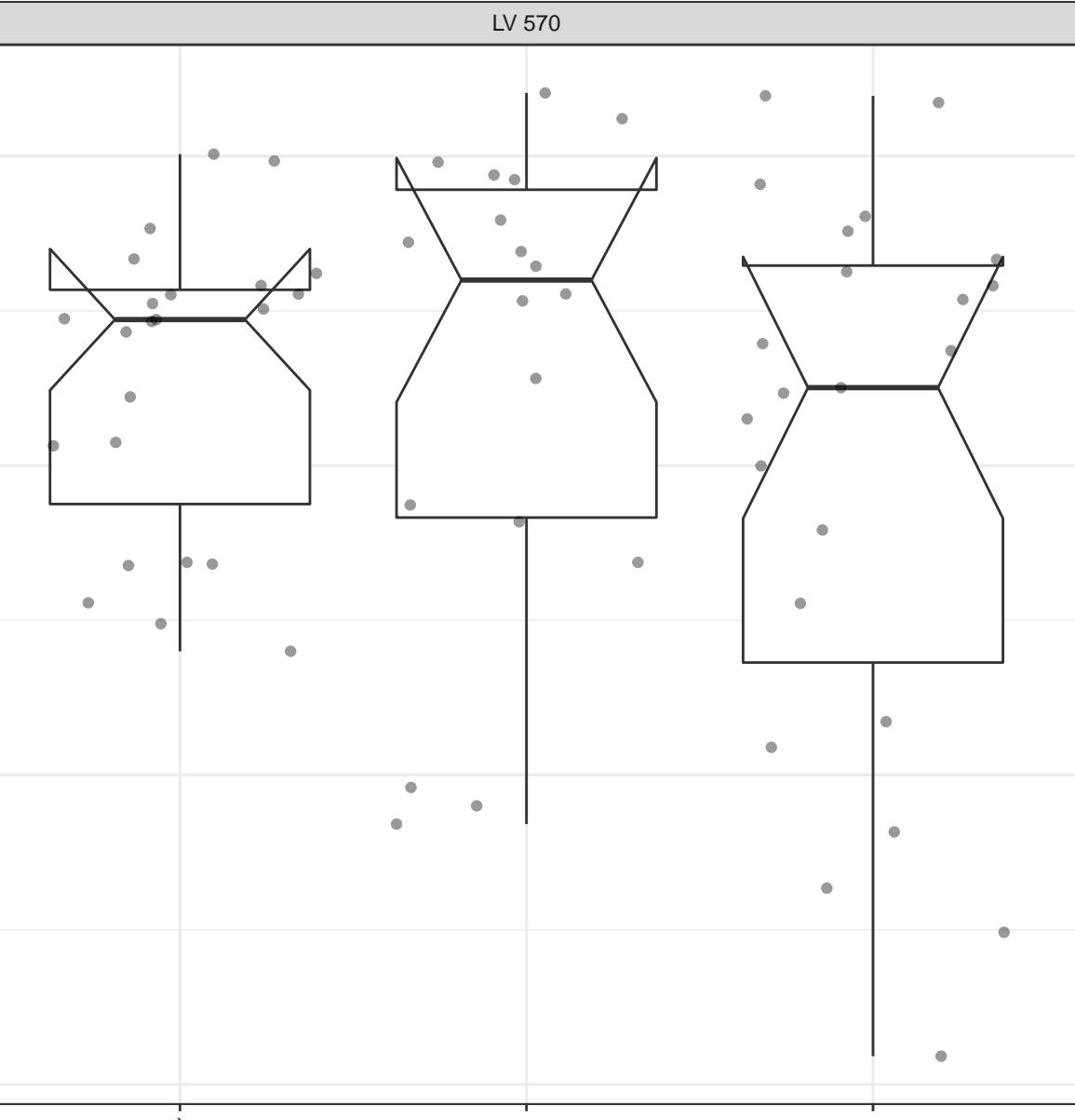
-0.050

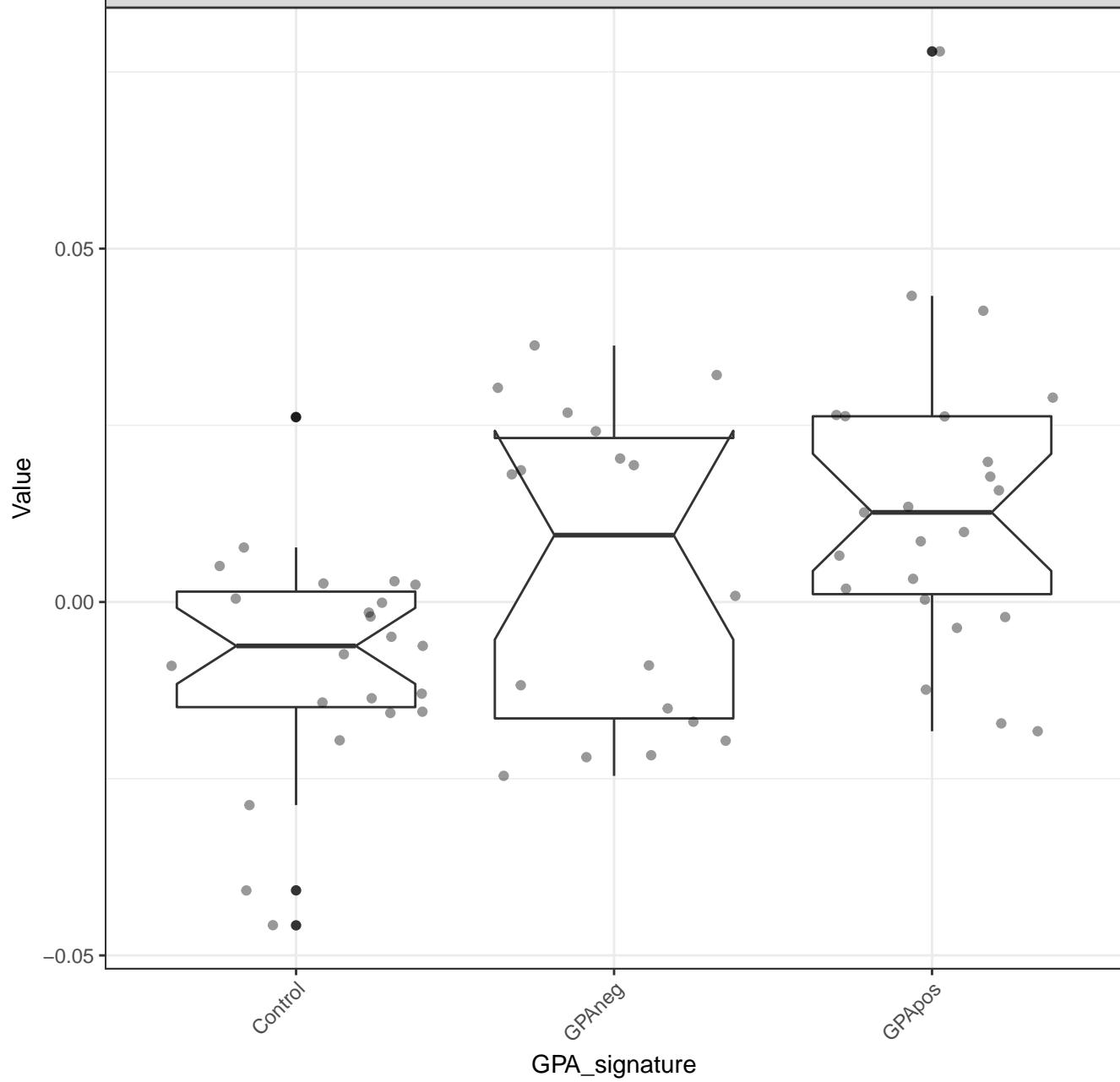
Control

GPA_signature

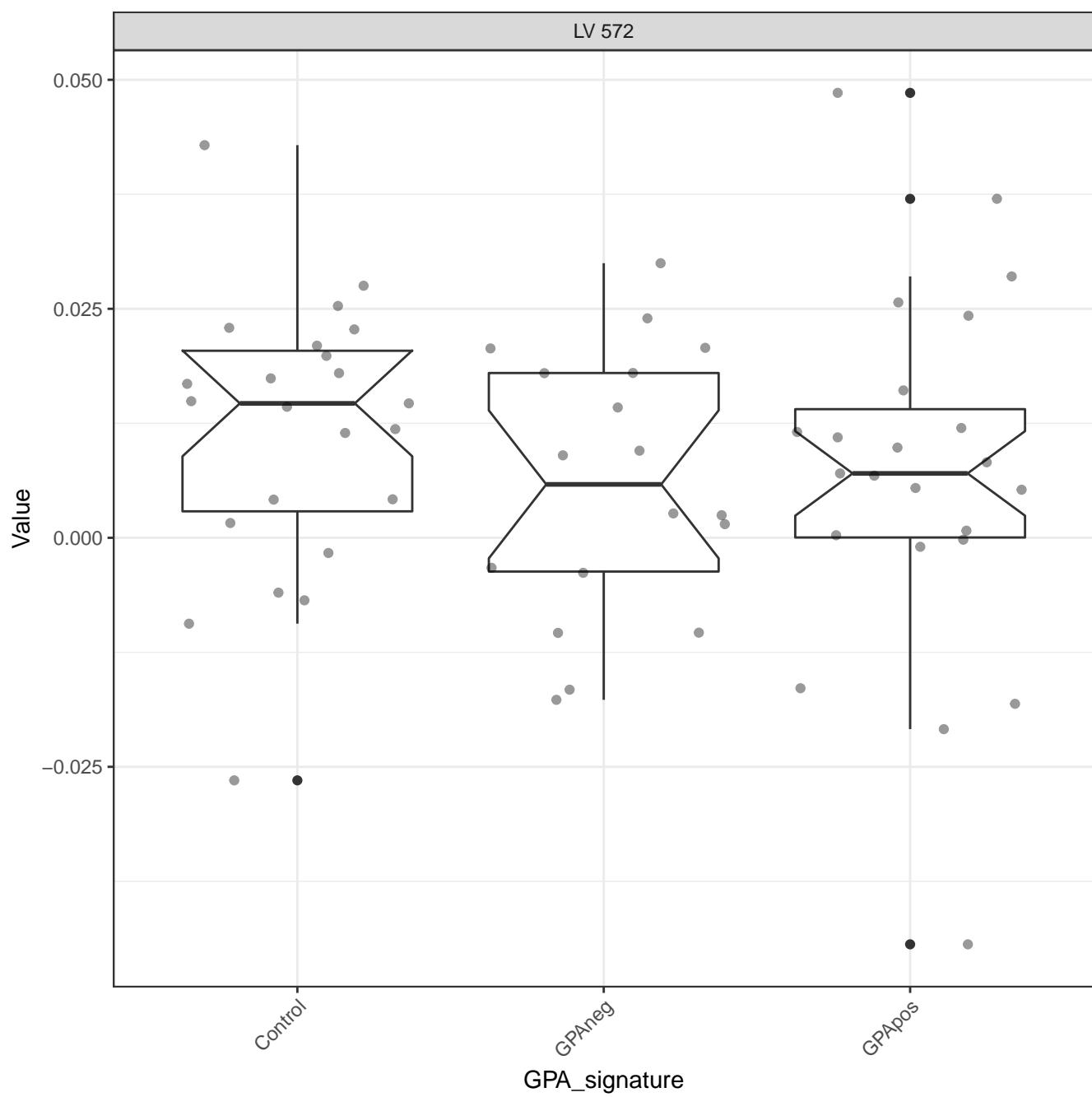
GPAneg

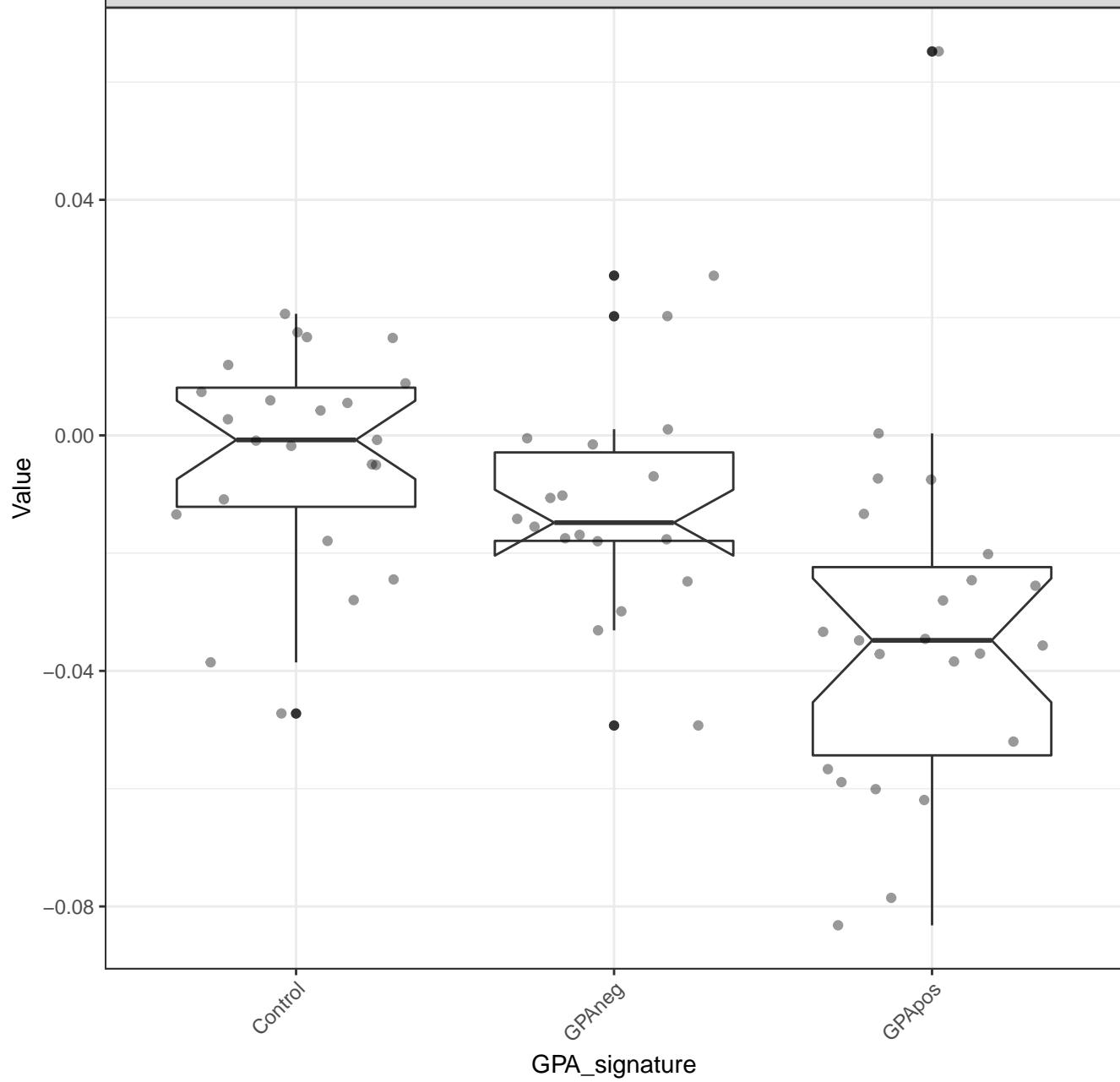
GPApos

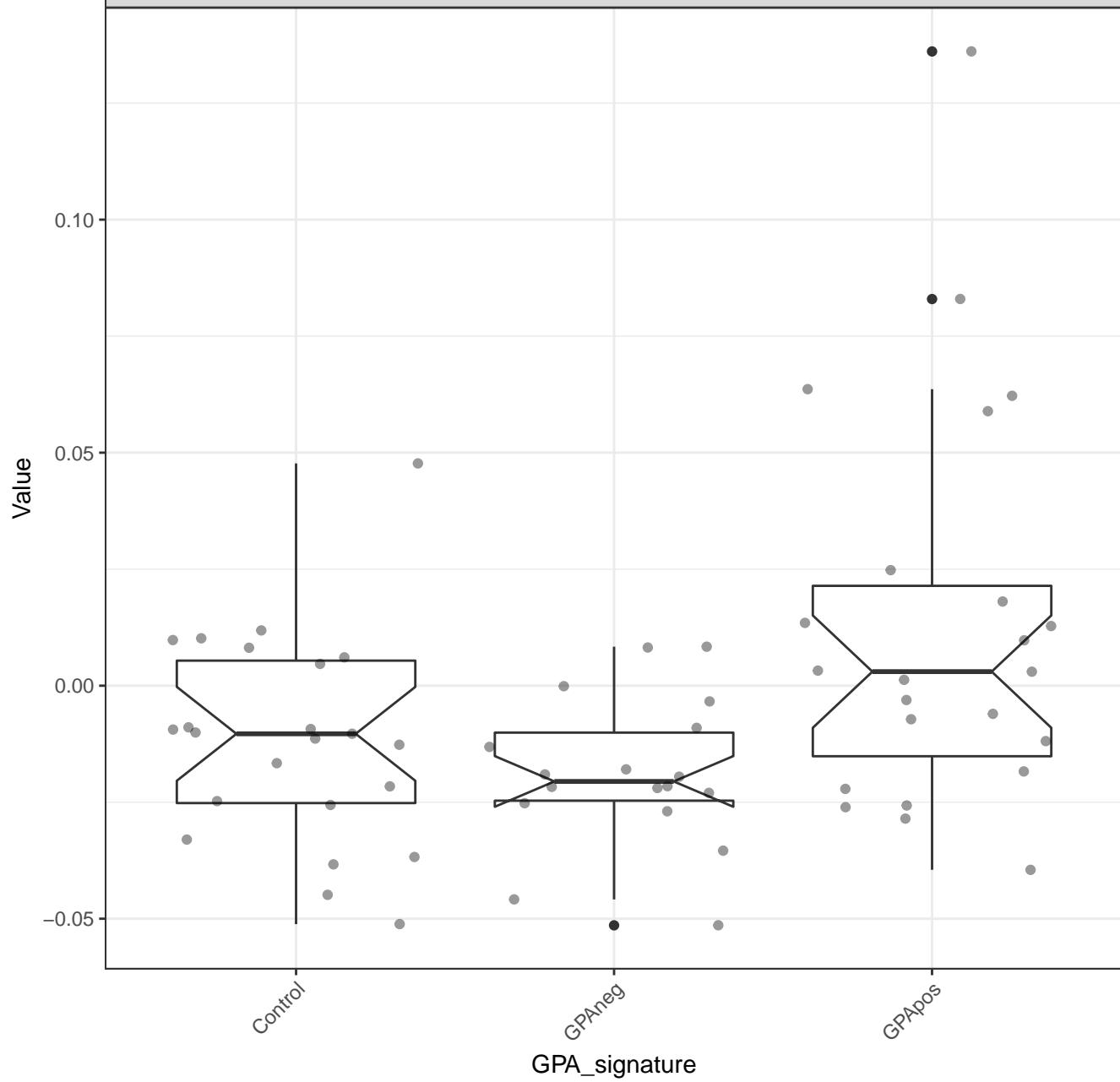




LV 572







LV 575

Value

0.050

0.025

0.000

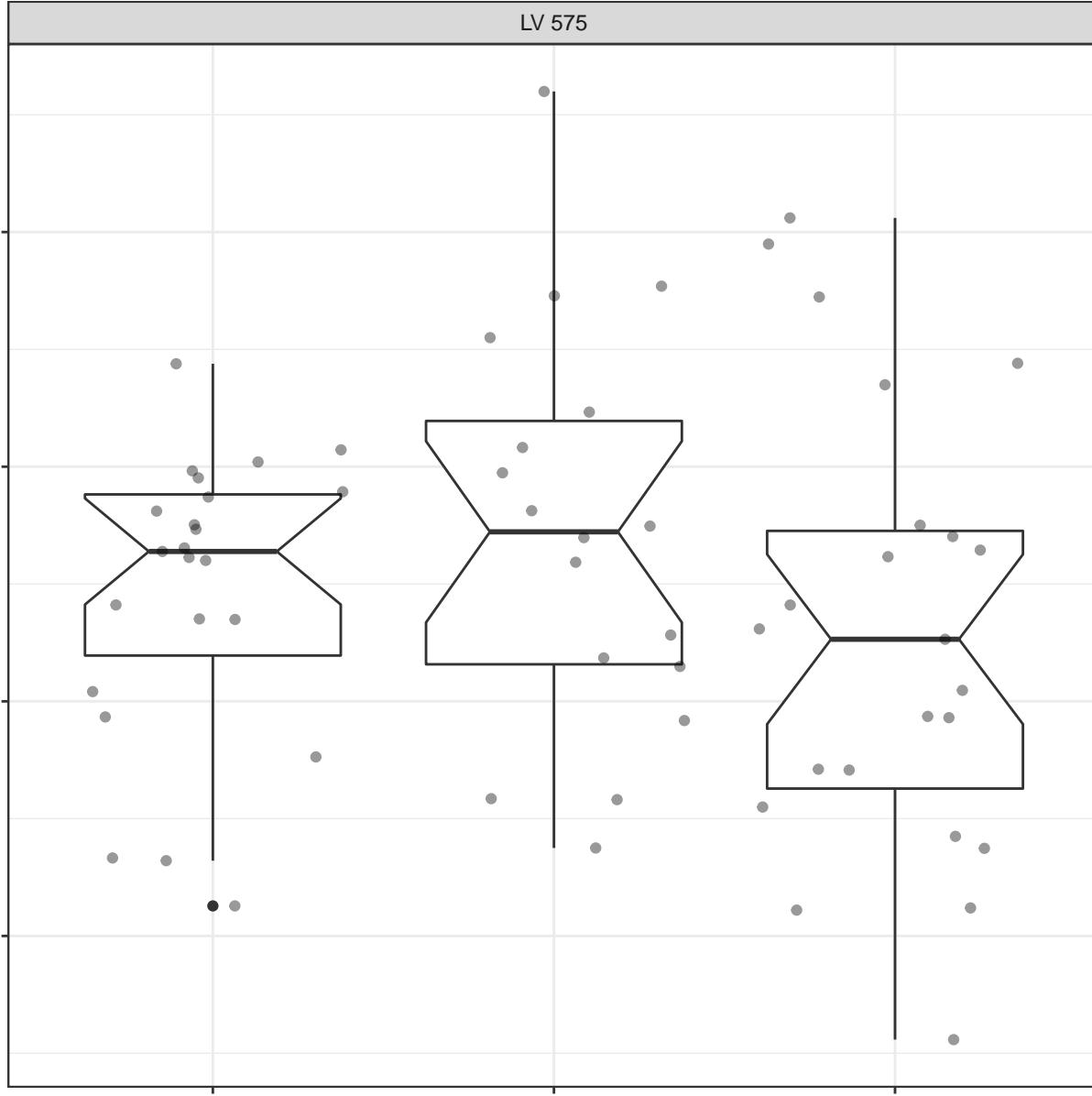
-0.025

Control

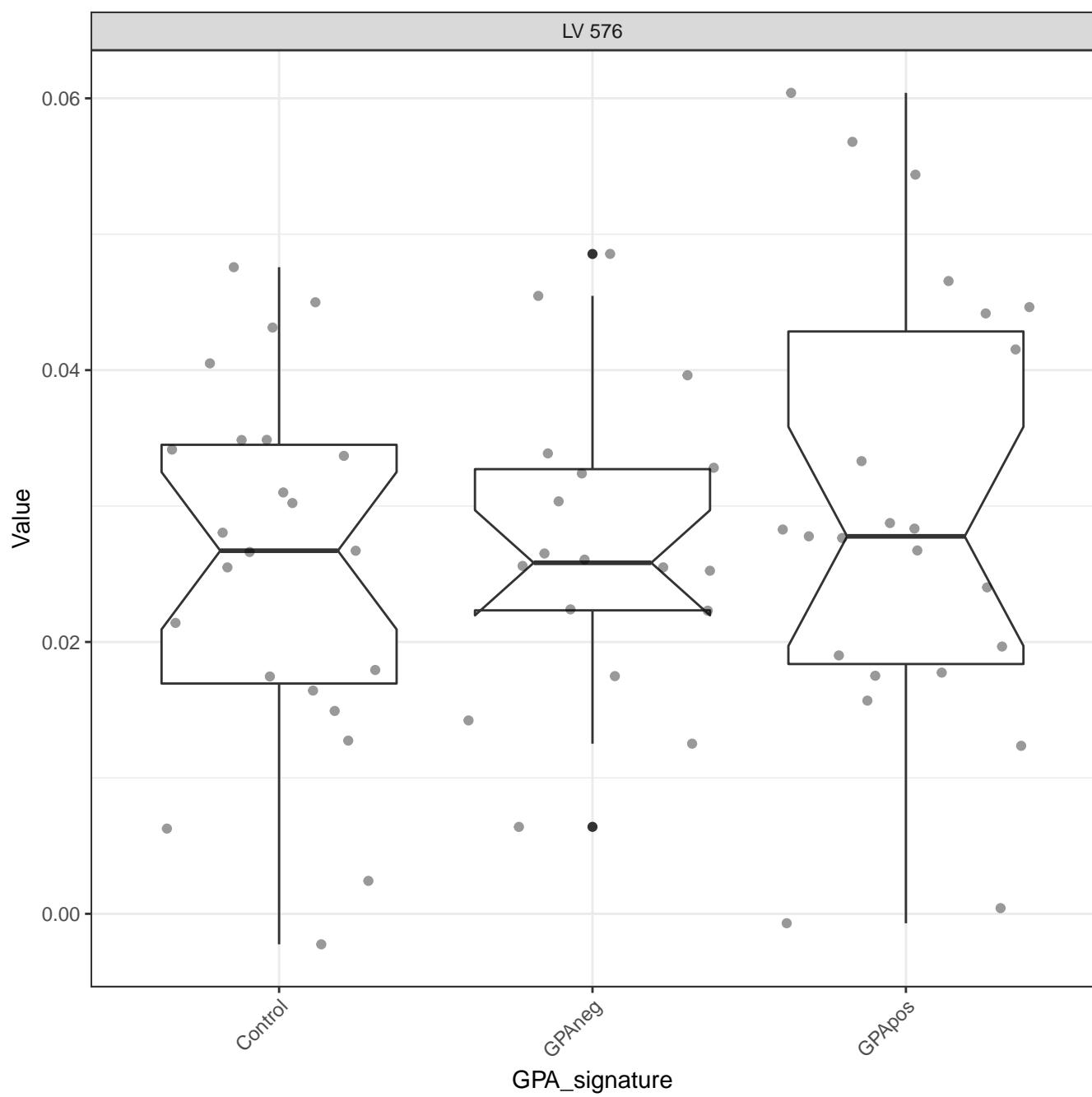
GPA_signature

GPAneg

GPAPos



LV 576



Value

0.04

0.00

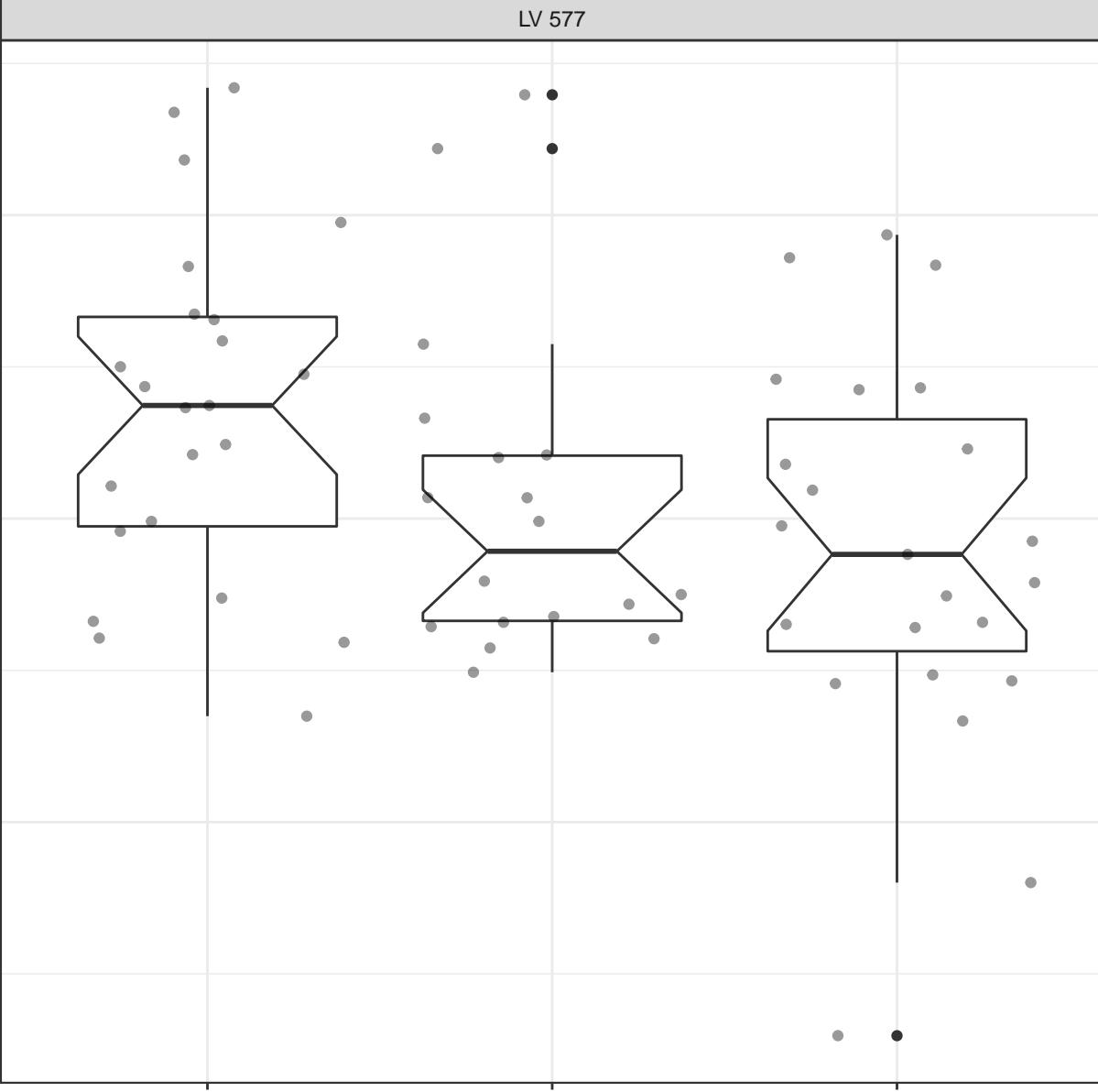
-0.04

Control

GPA_signature

GPAneg

GPAPos



LV 578

Value

0.025

0.000

-0.025

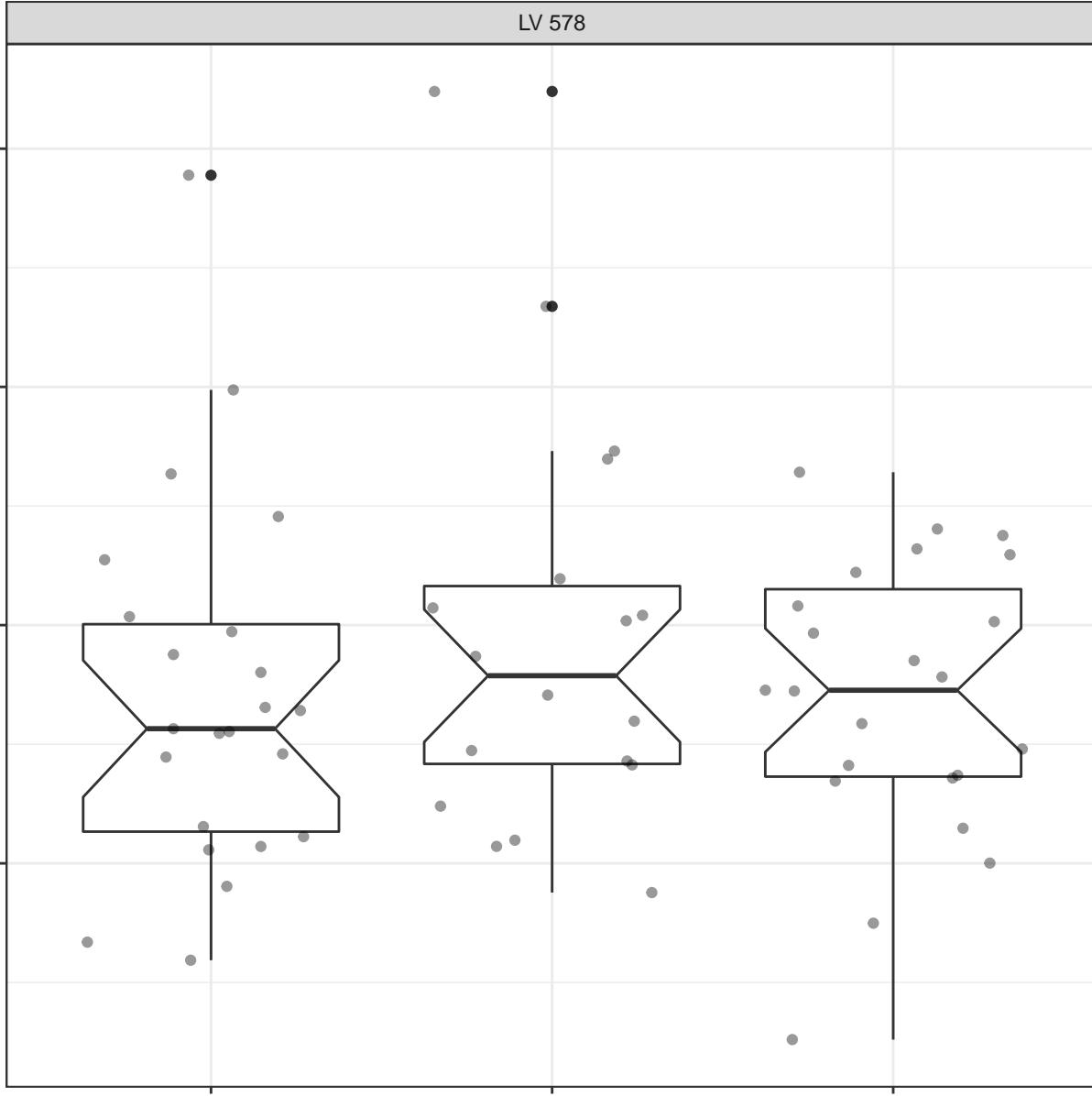
-0.050

Control

GPA_signature

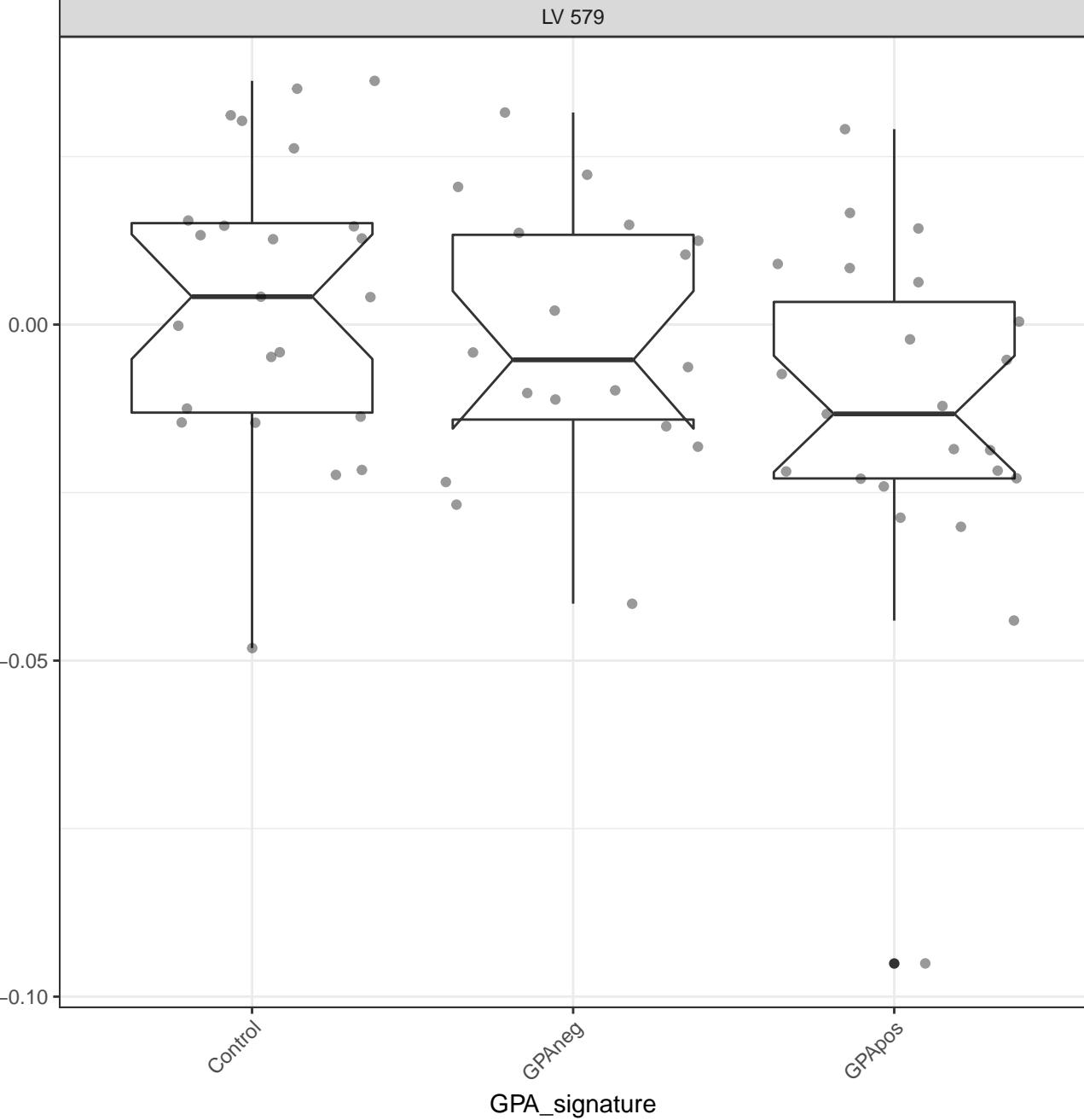
GPAneg

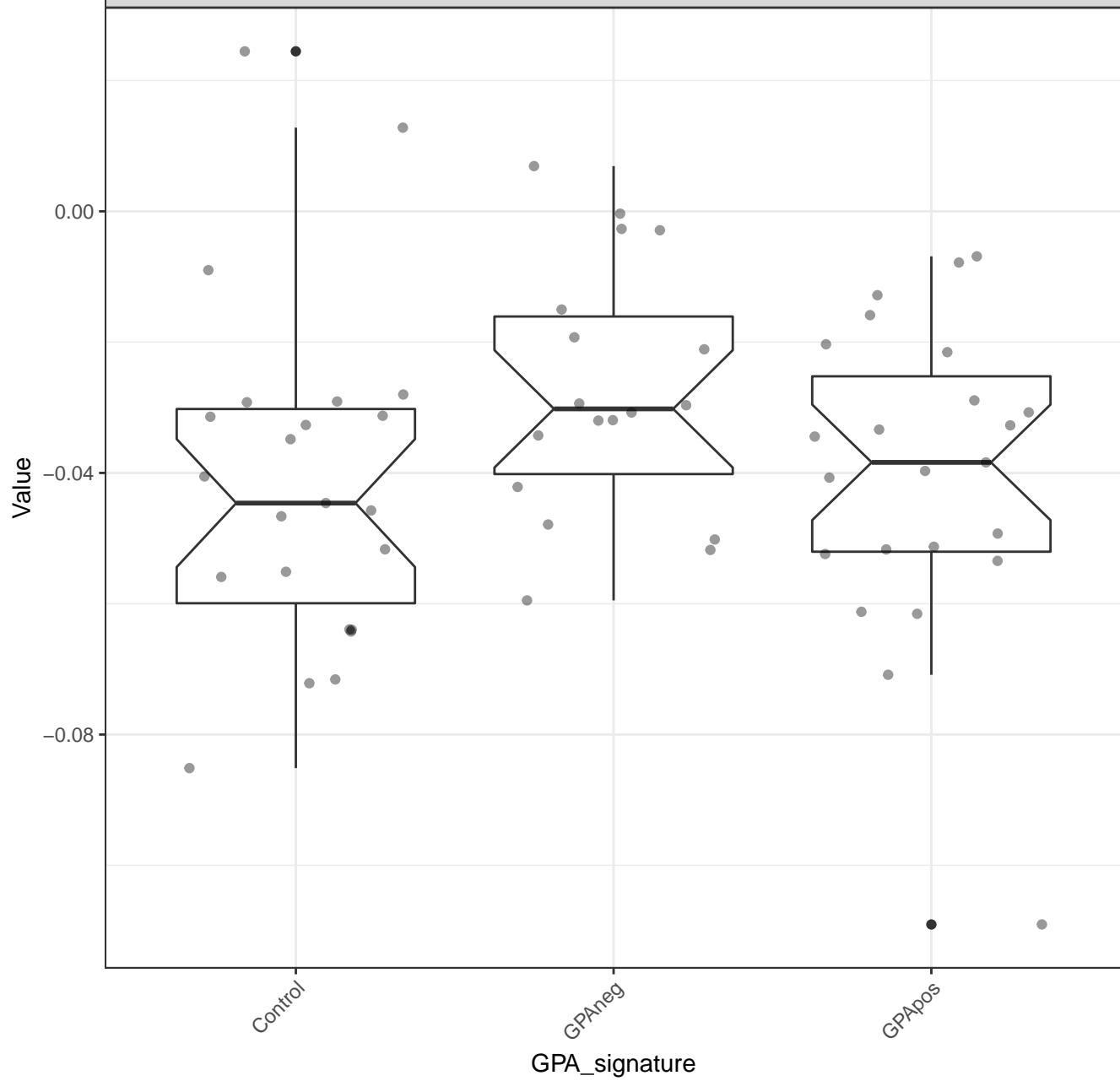
GPAPos

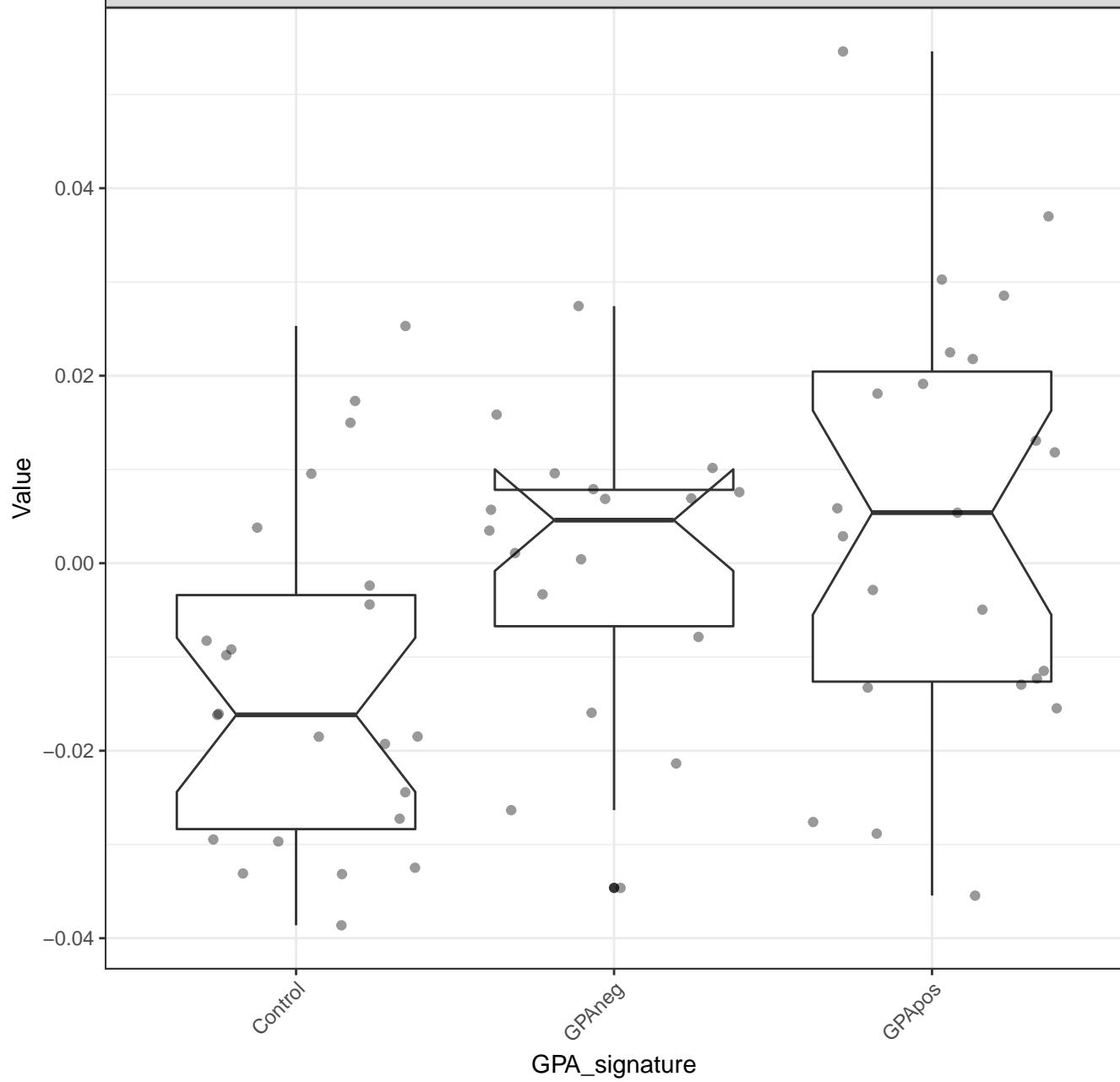


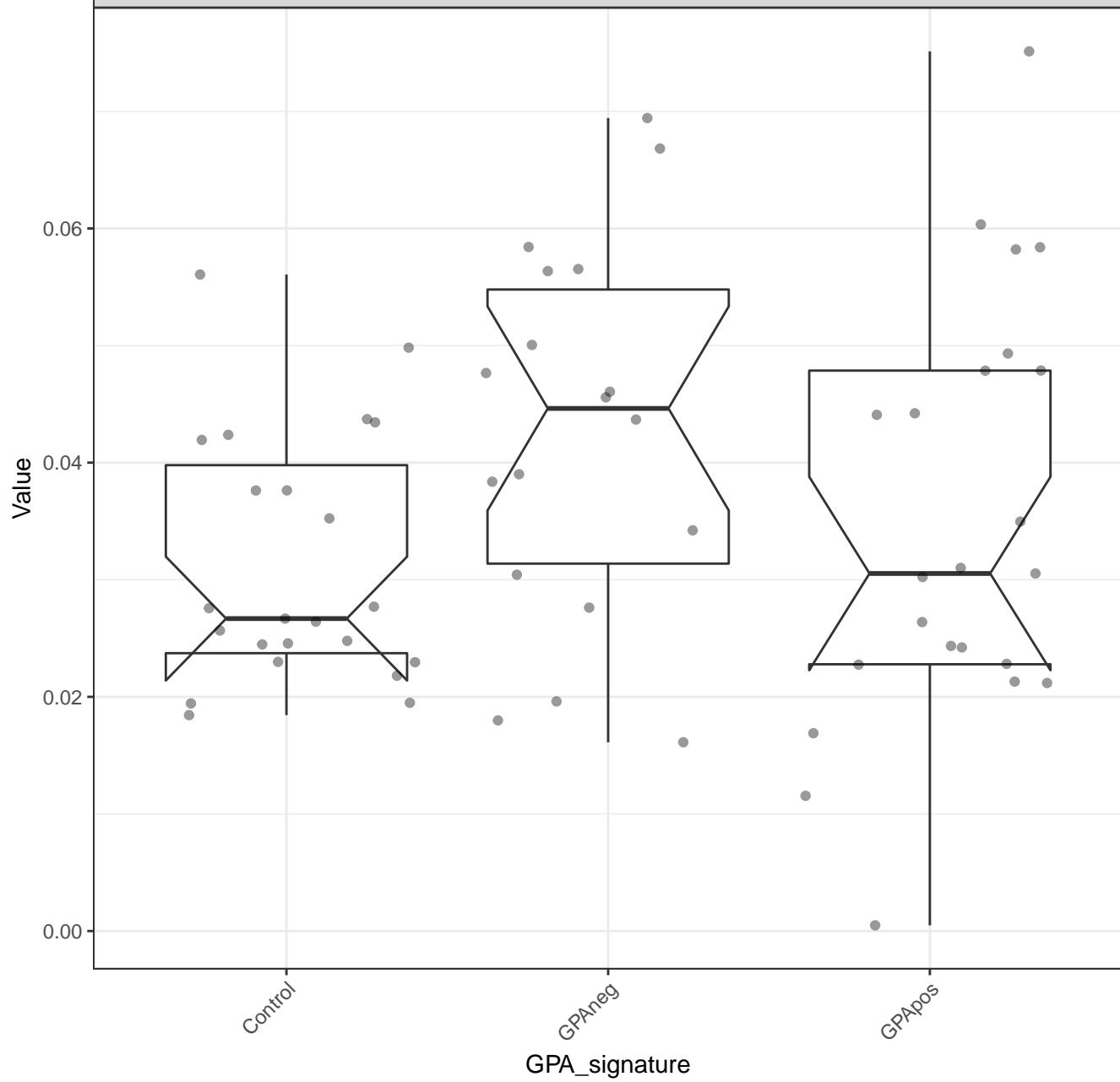
LV 579

Value

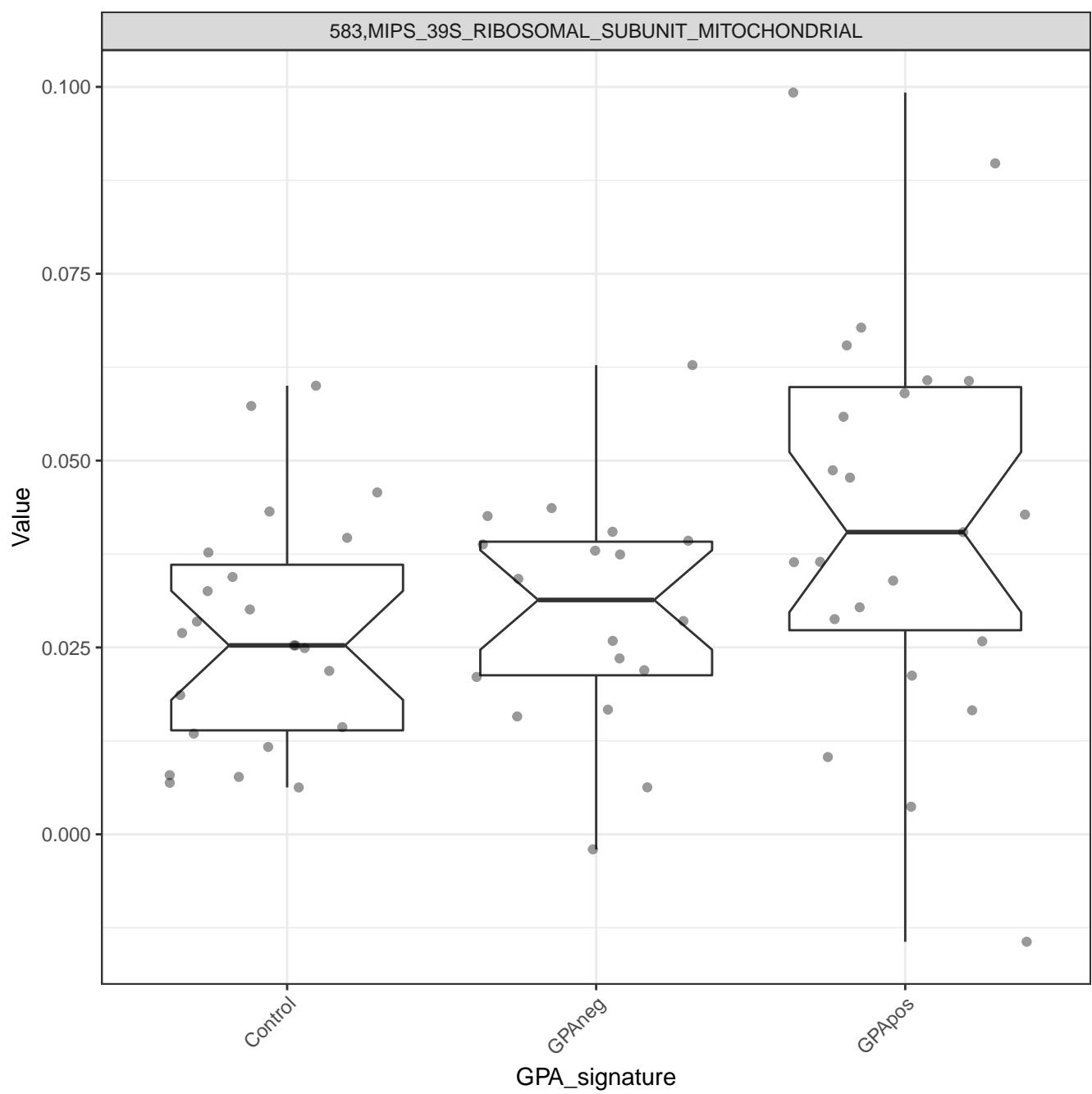






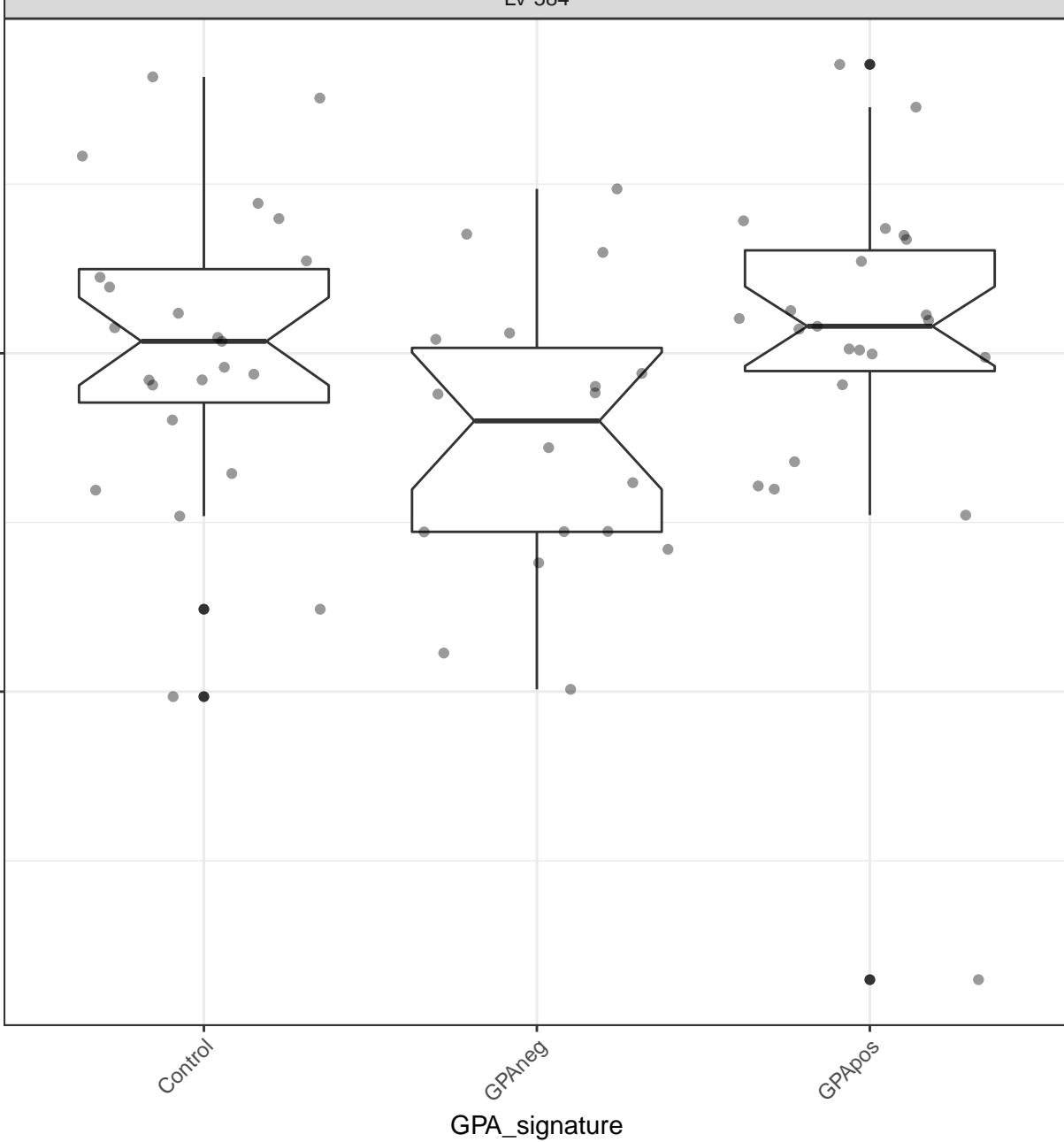


583,MIPS_39S_RIBOSOMAL_SUBUNIT MITOCHONDRIAL



LV 584

Value



LV 585

Value

0.025

0.000

-0.025

-0.050

-0.075

Control

GPAneg

GPAPos

GPA_signature

Value

0.075

0.050

0.025

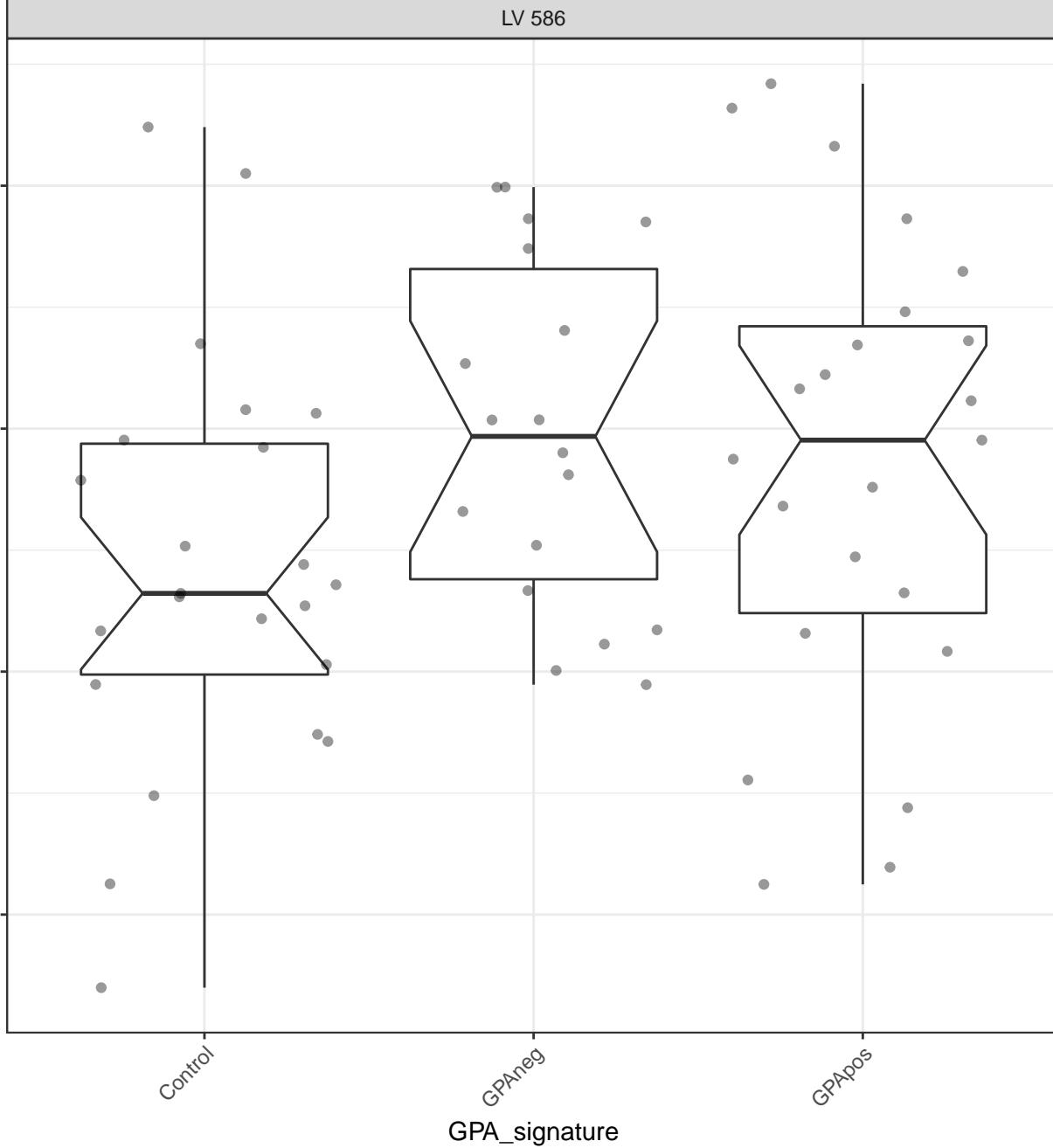
0.000

Control

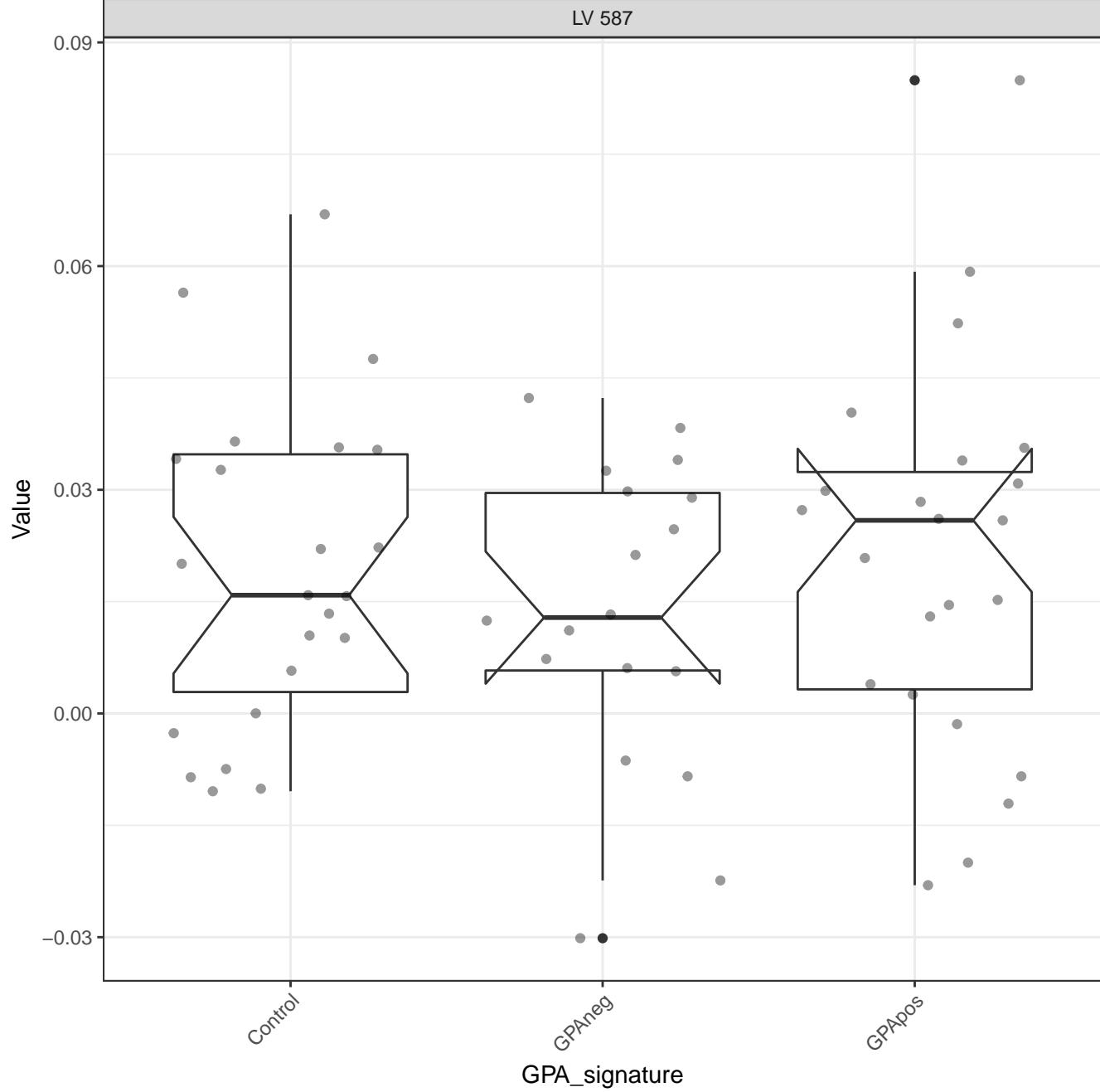
GPAneg

GPAPos

GPA_signature



LV 587



Value

0.00

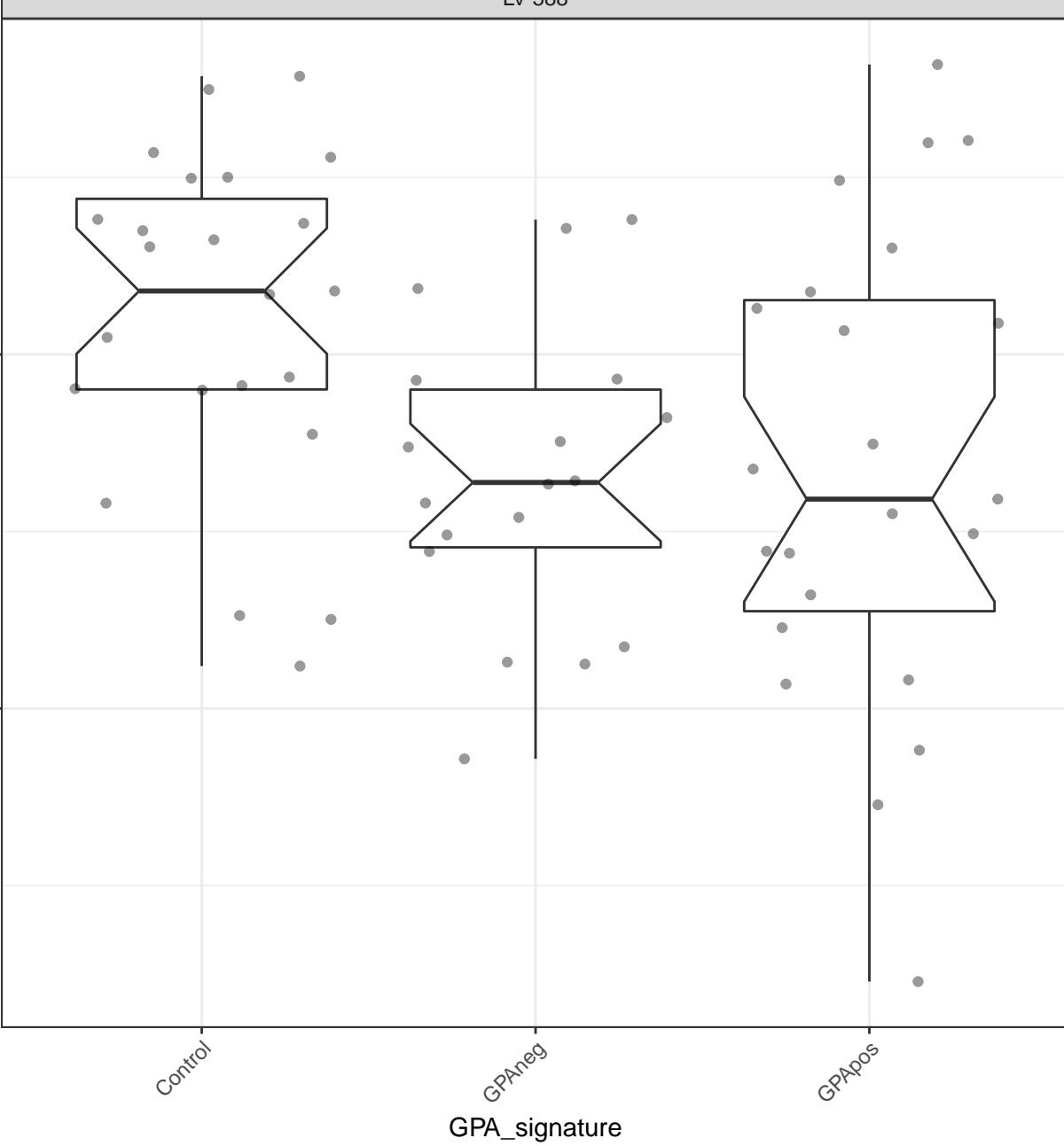
-0.05

Control

GPAneg

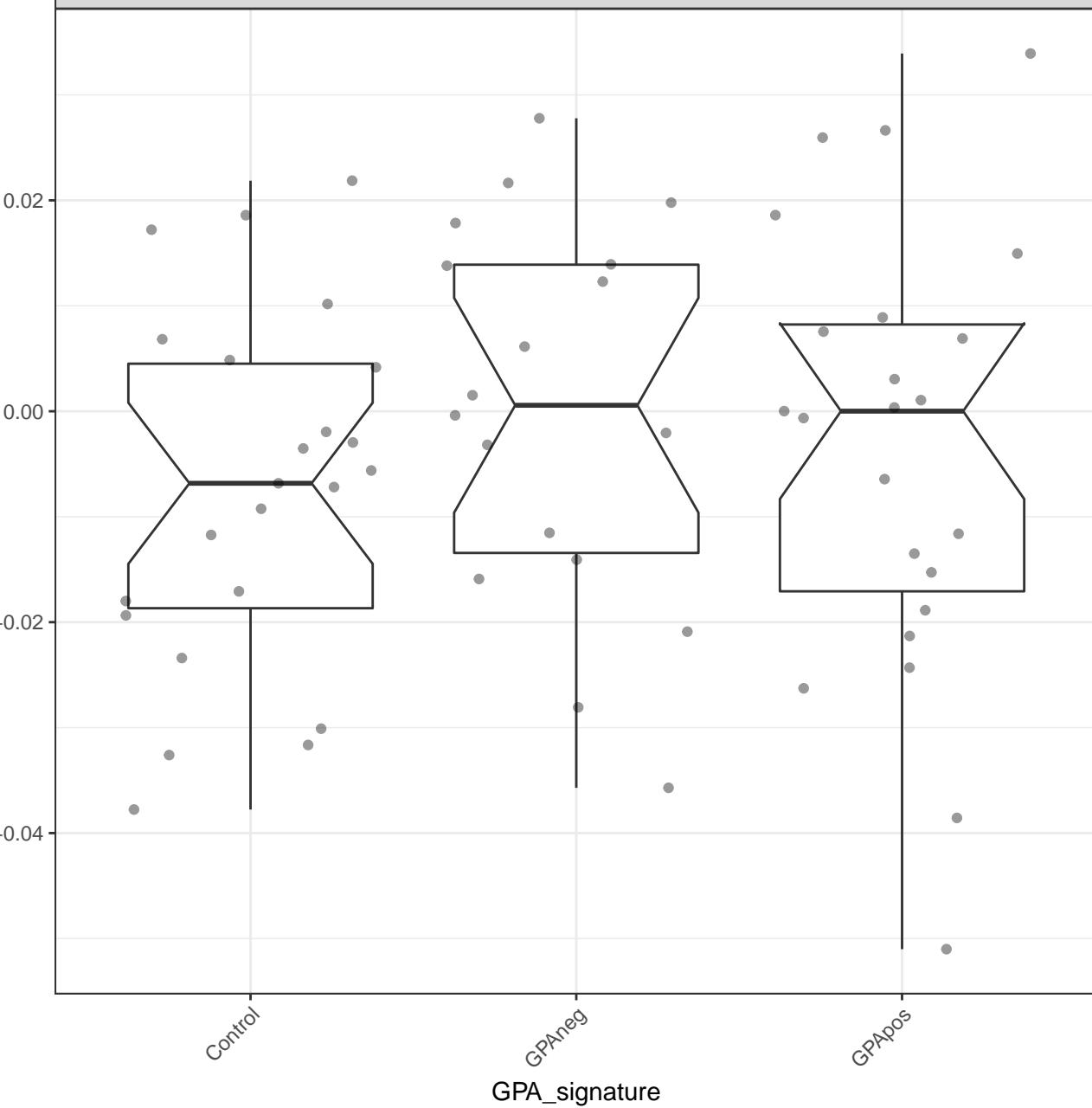
GPAPos

GPA_signature



LV 589

Value



LV 590

Value

0.05

0.00

-0.05

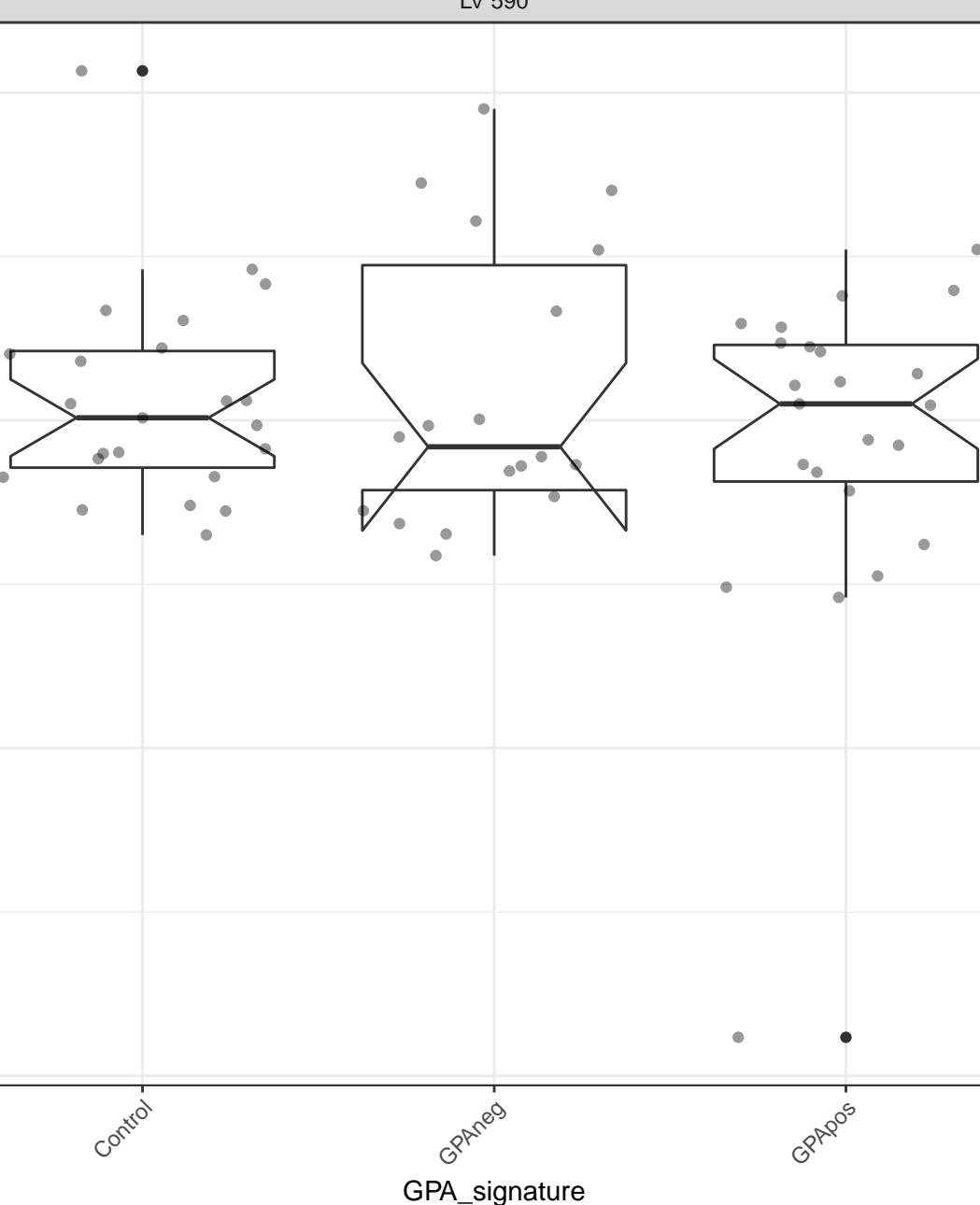
-0.10

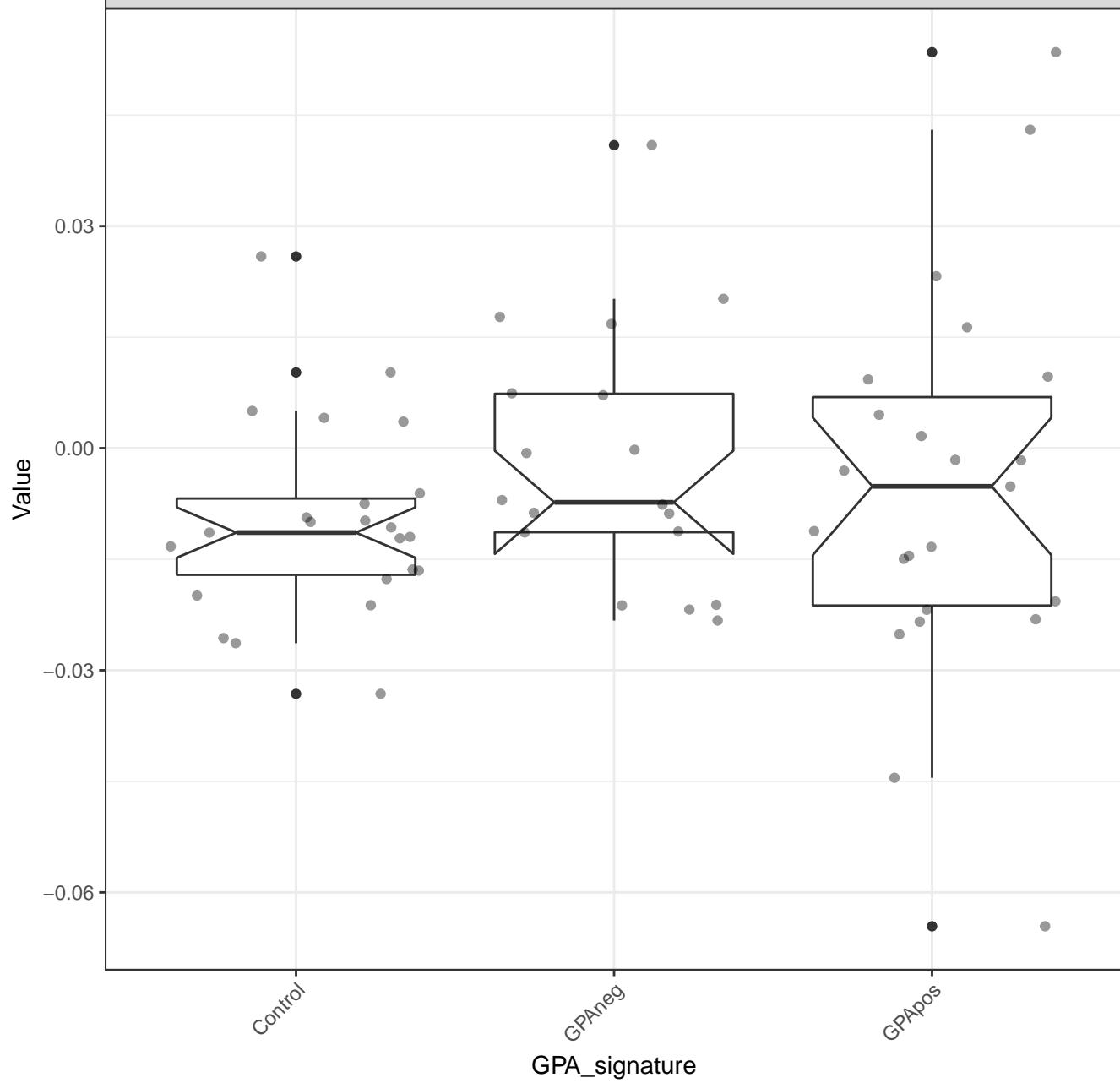
Control

GPAneg

GPApos

GPA_signature





LV 592

Value

0.05

0.00

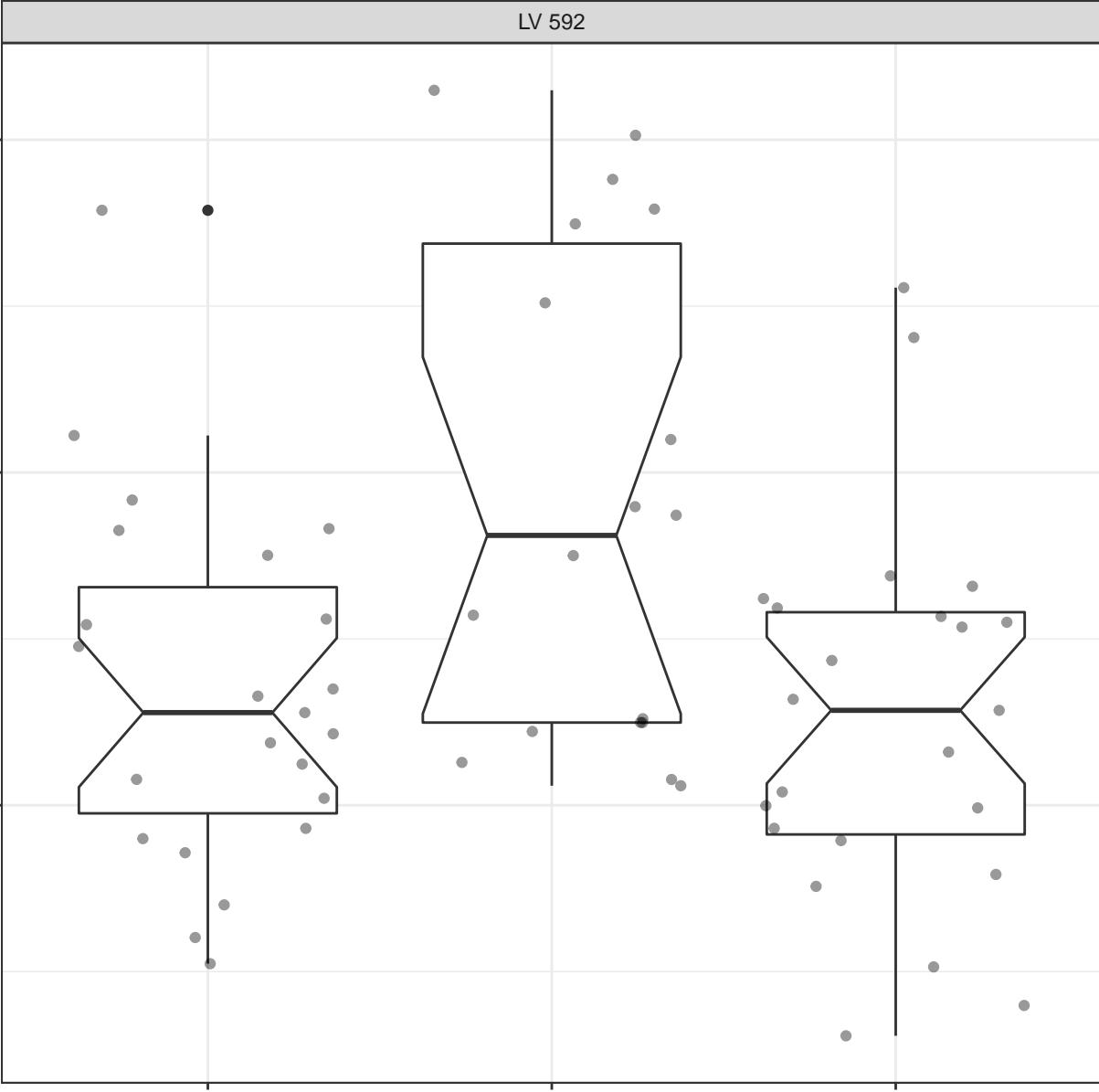
-0.05

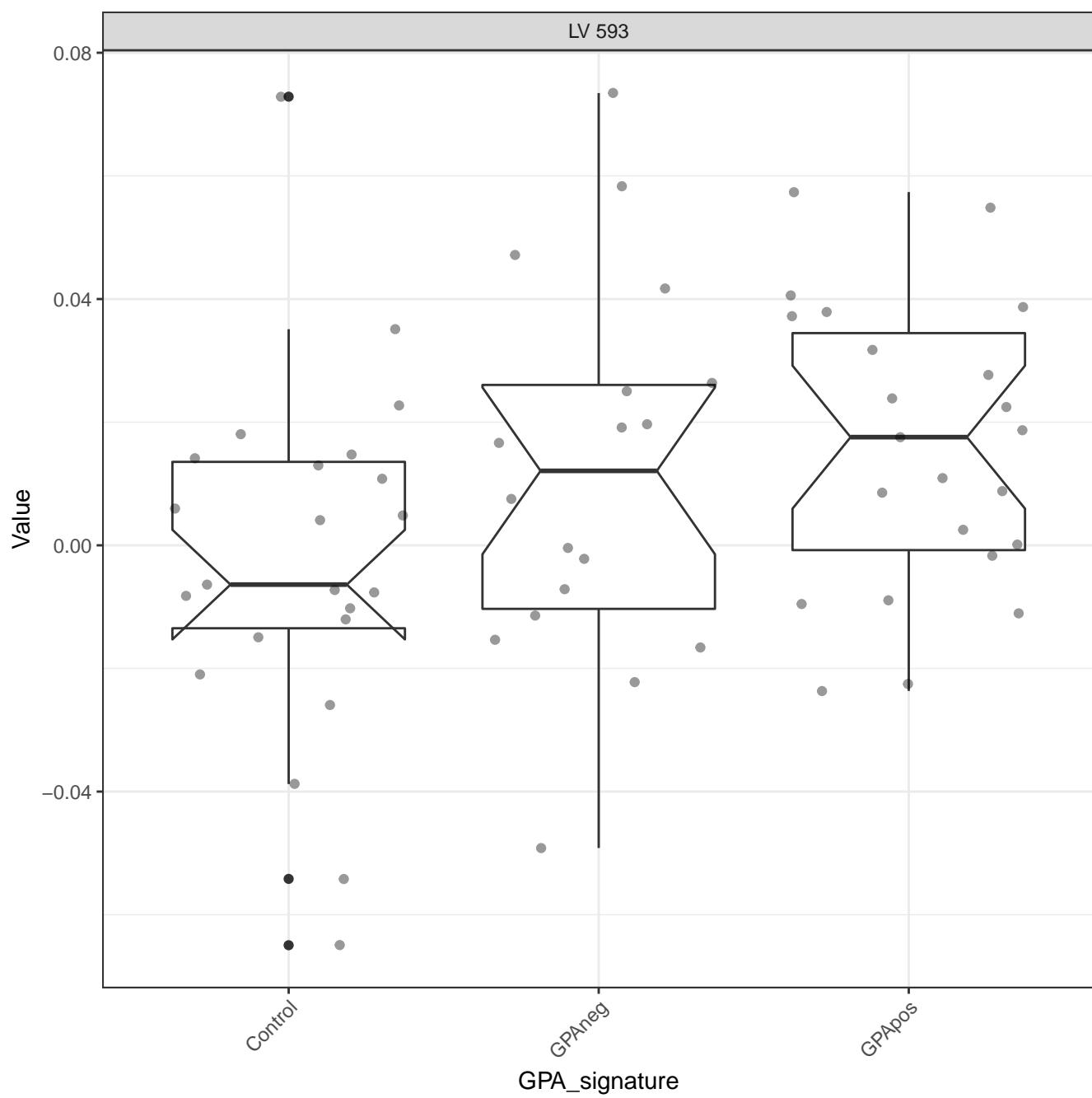
Control

GPA_signature

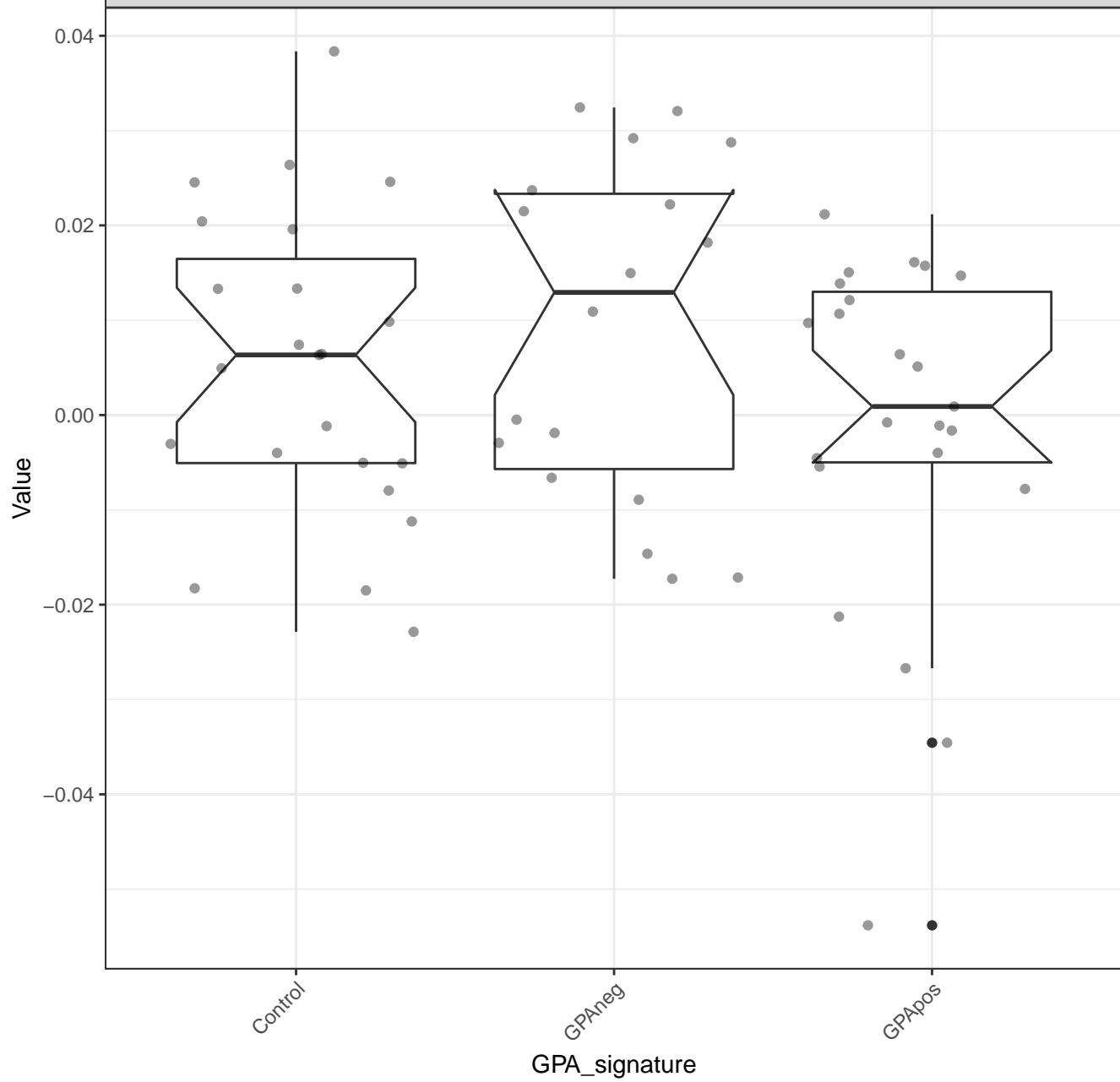
GPAneg

GPApos





LV 594



LV 595

Value

0.05

0.00

-0.05

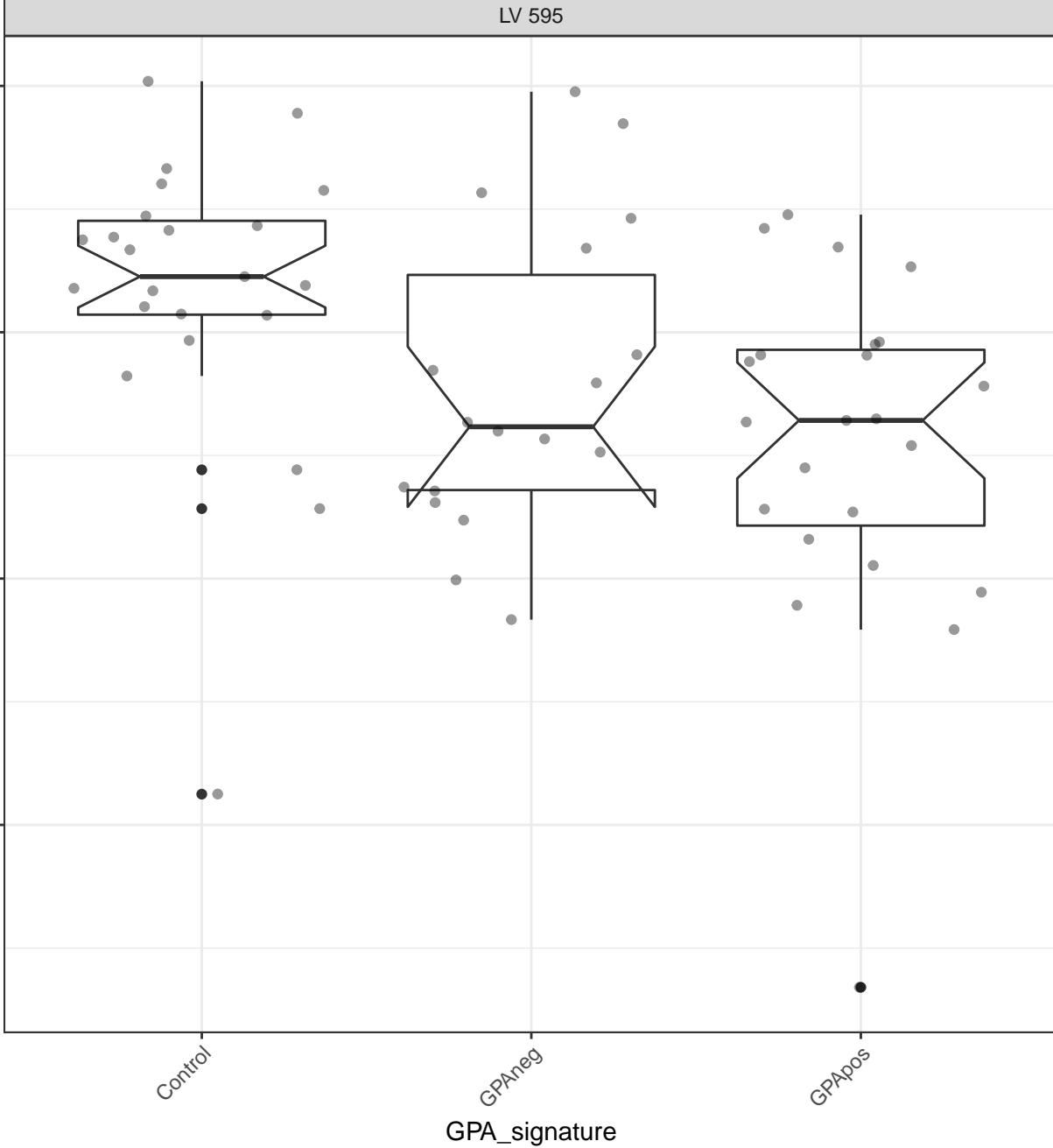
-0.10

Control

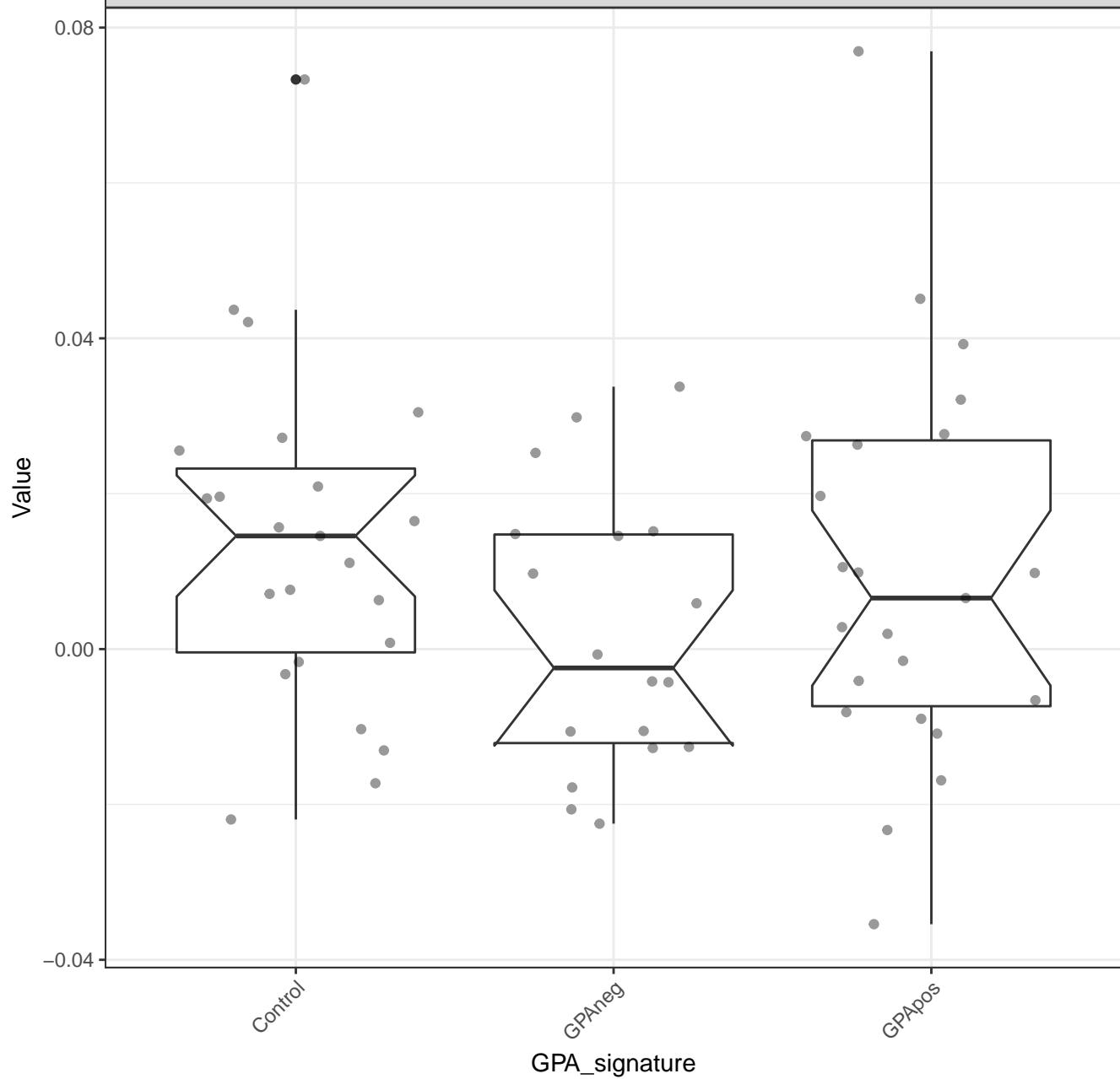
GPAneg

GPApos

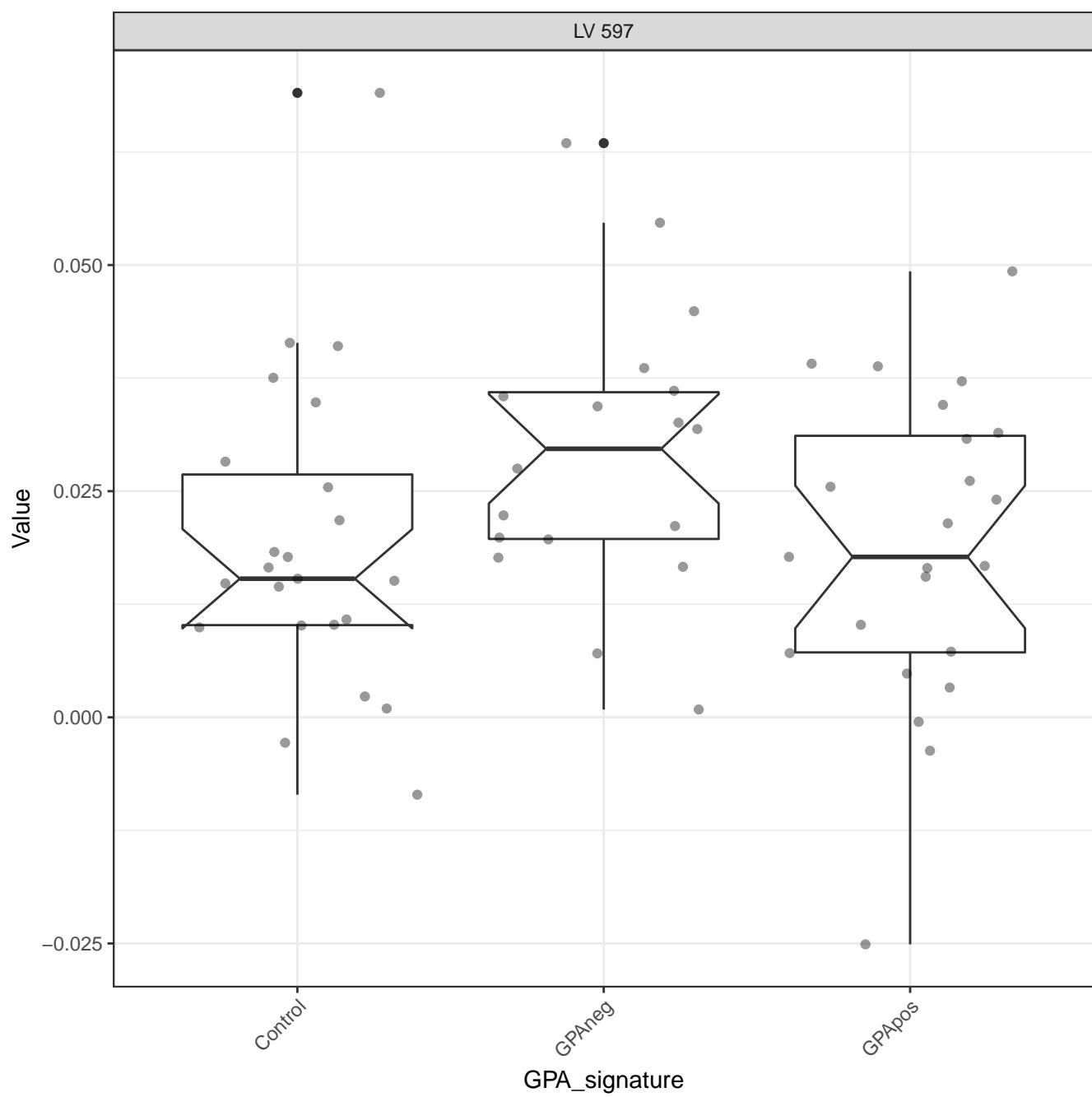
GPA_signature



LV 596

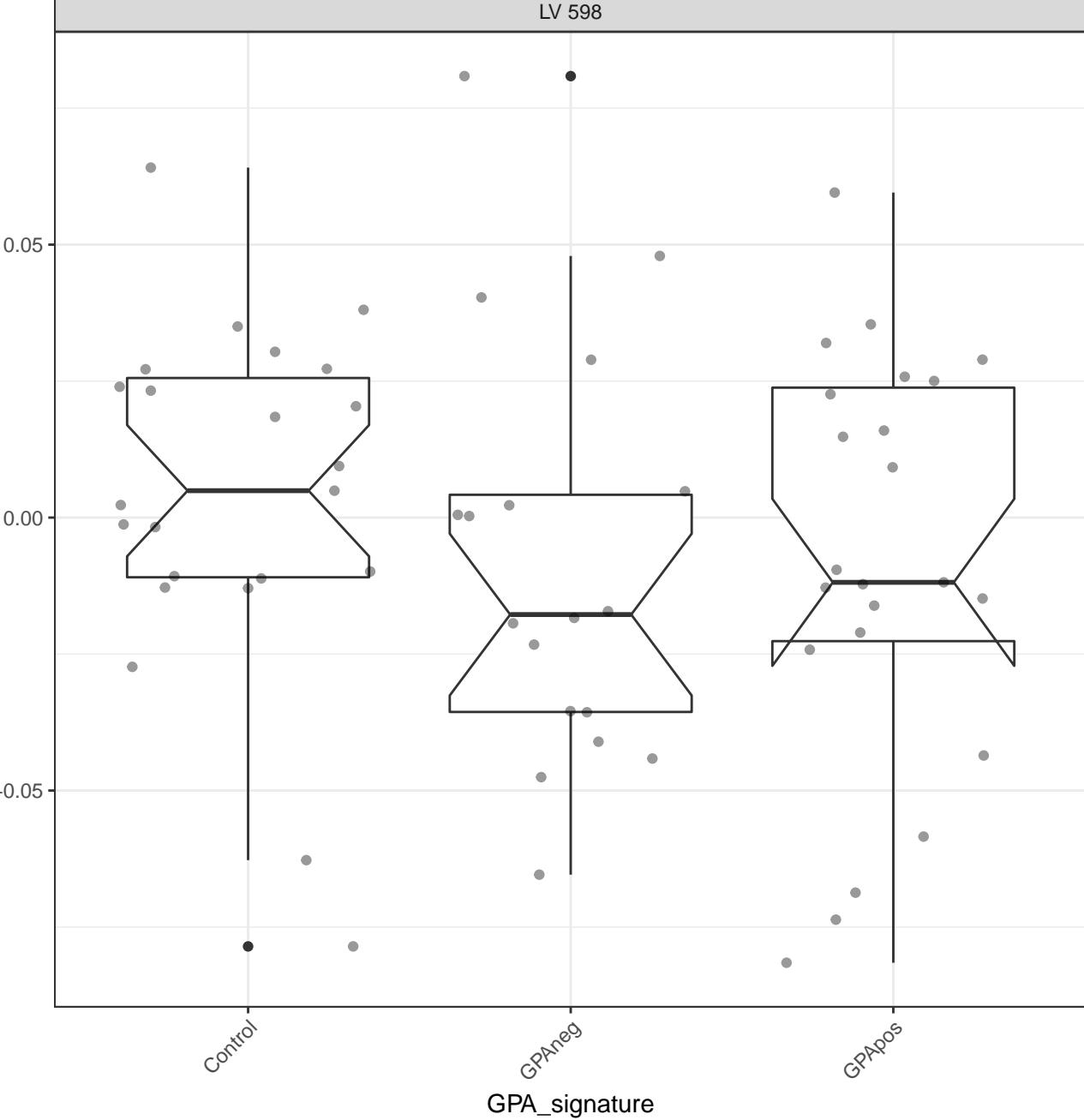


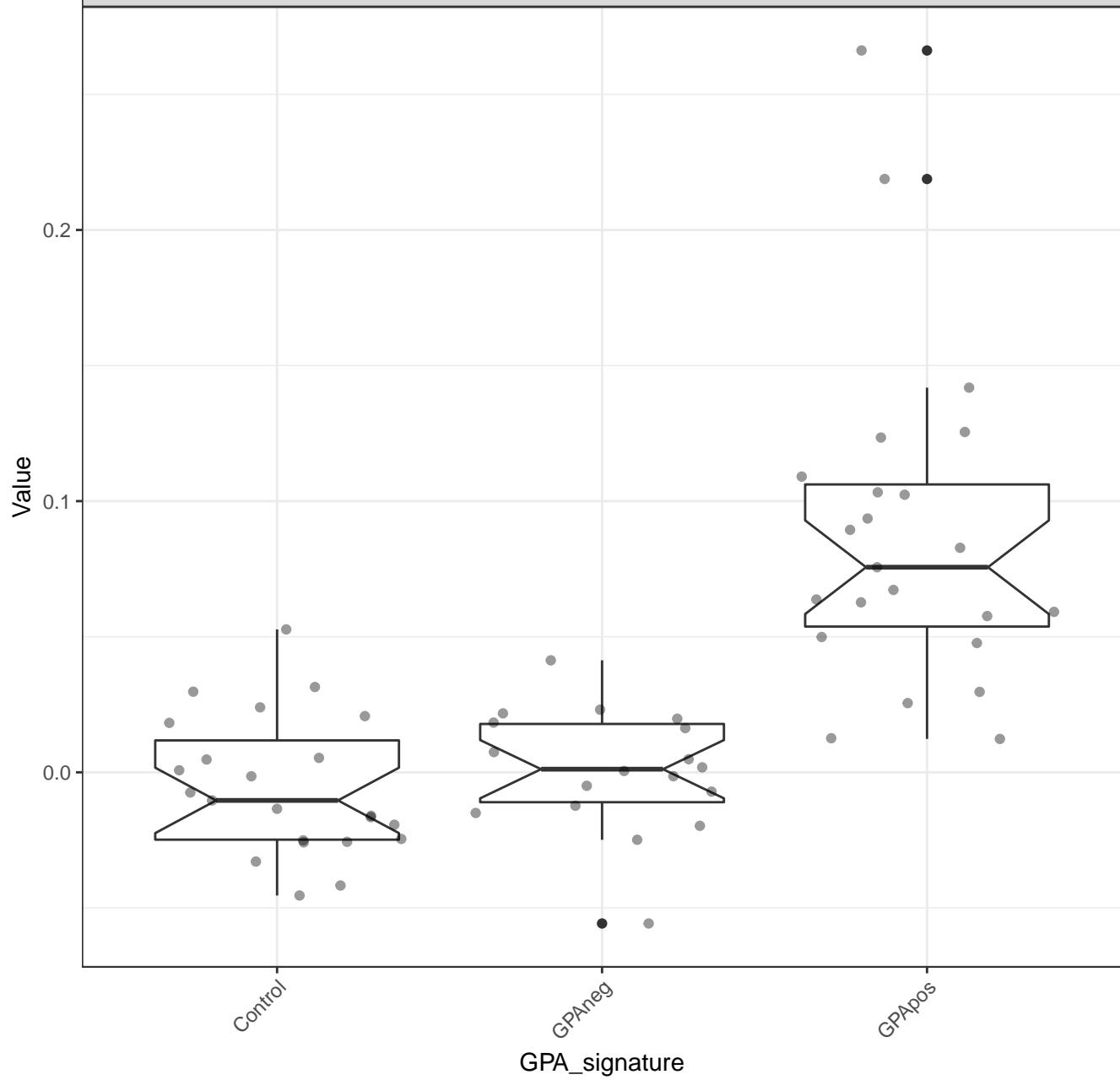
LV 597



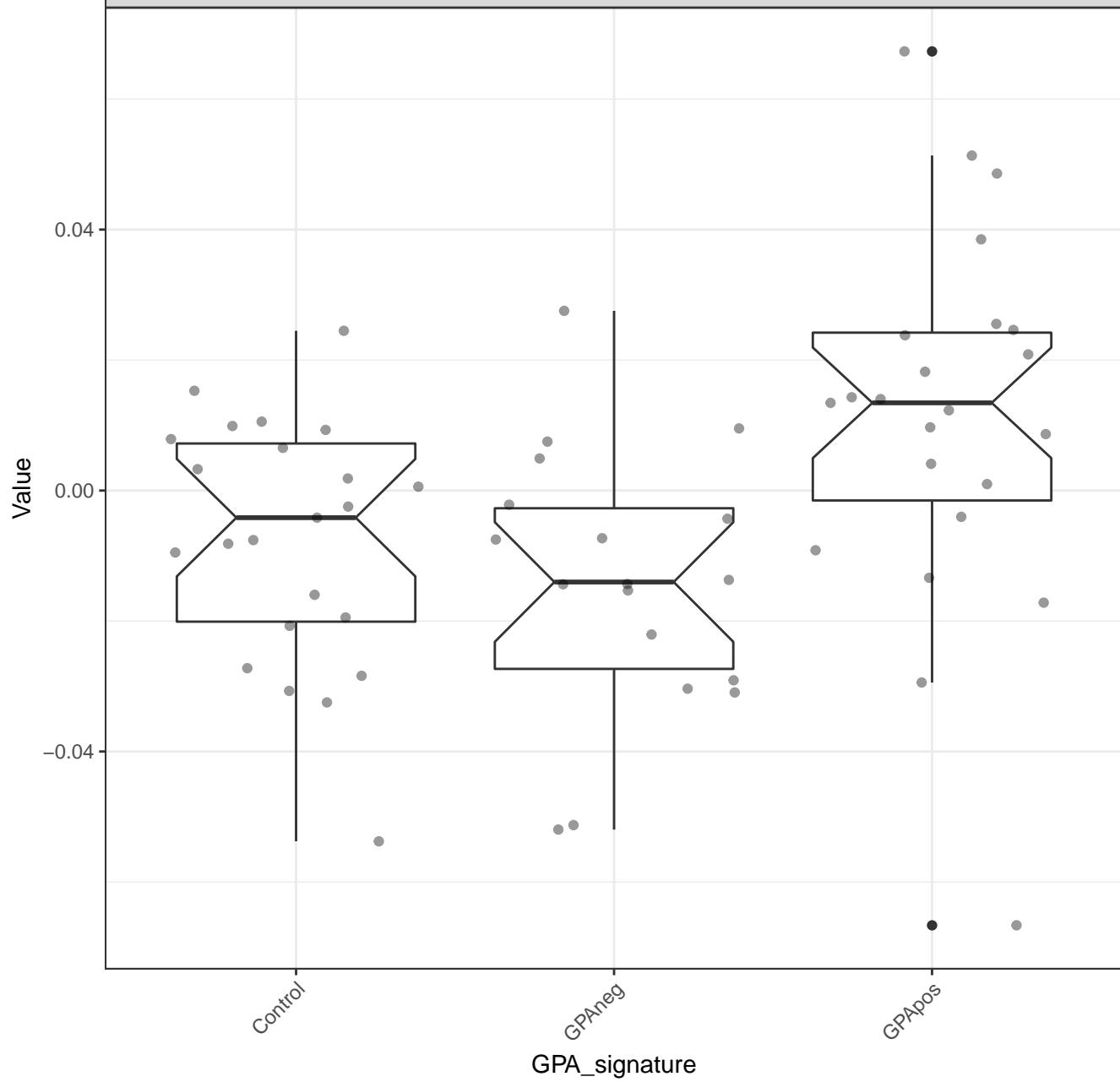
LV 598

Value

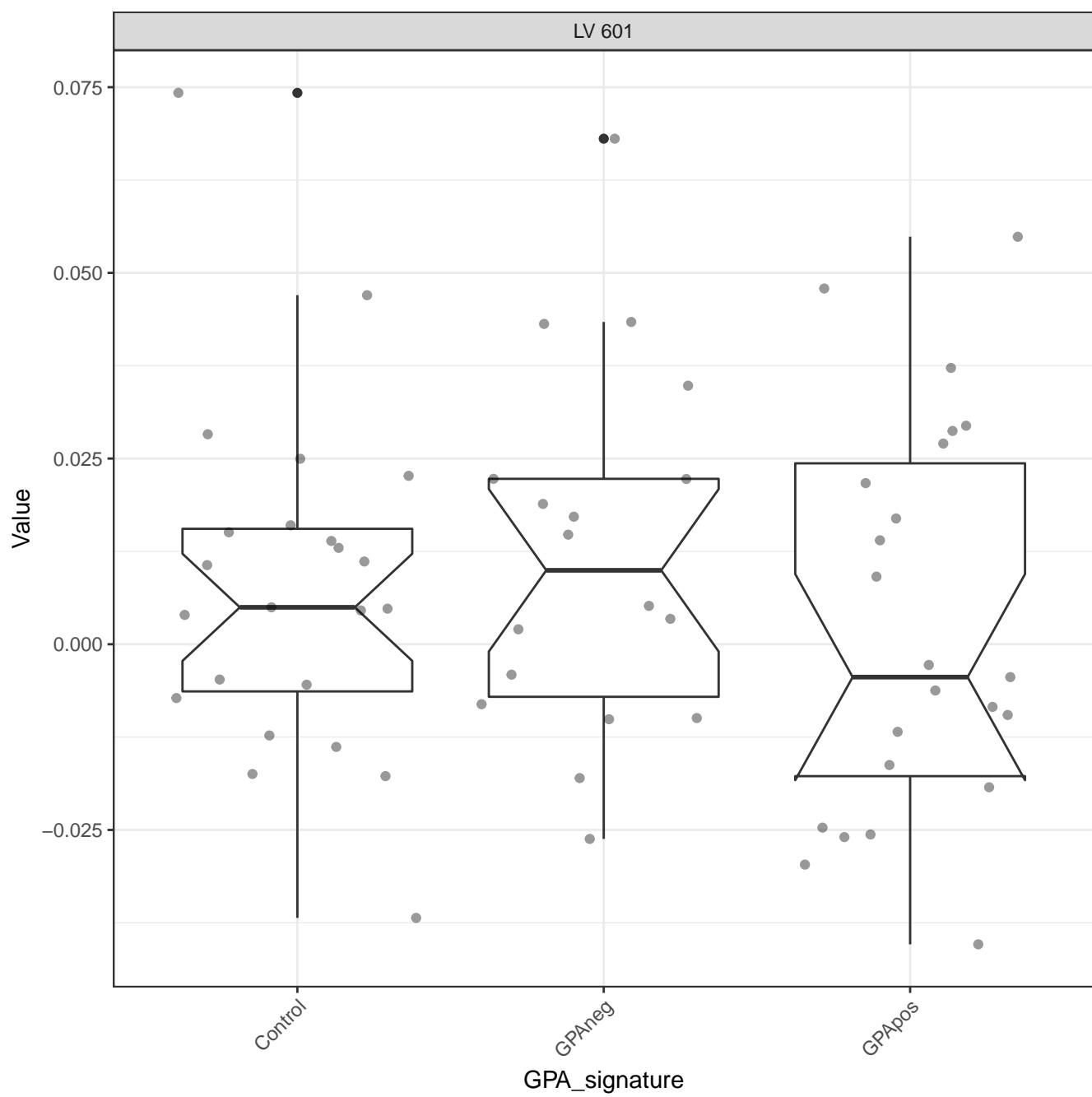




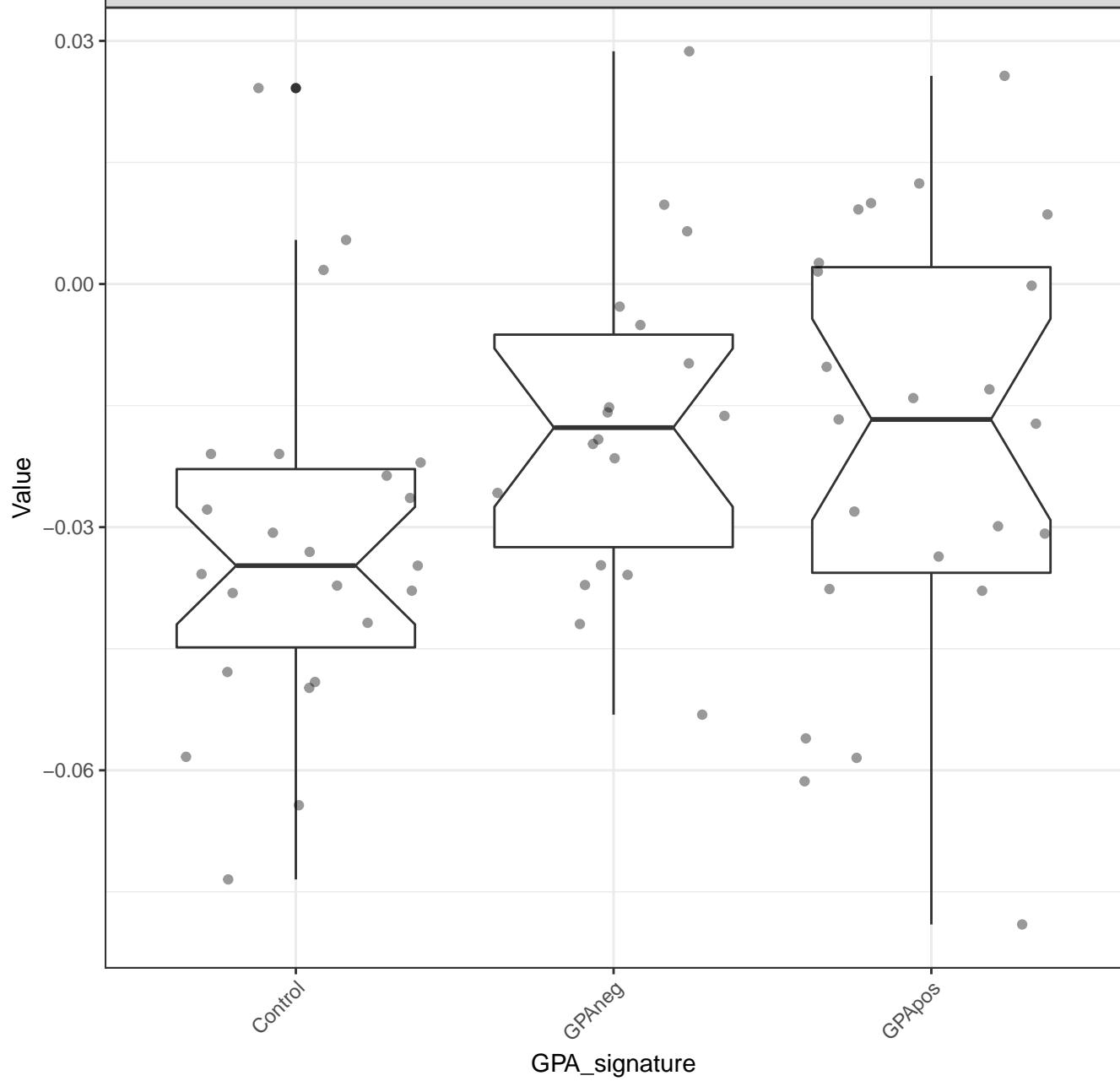
LV 600



LV 601



LV 602



603,SVM Neutrophils

Value

-0.10

-0.15

-0.20

-0.25

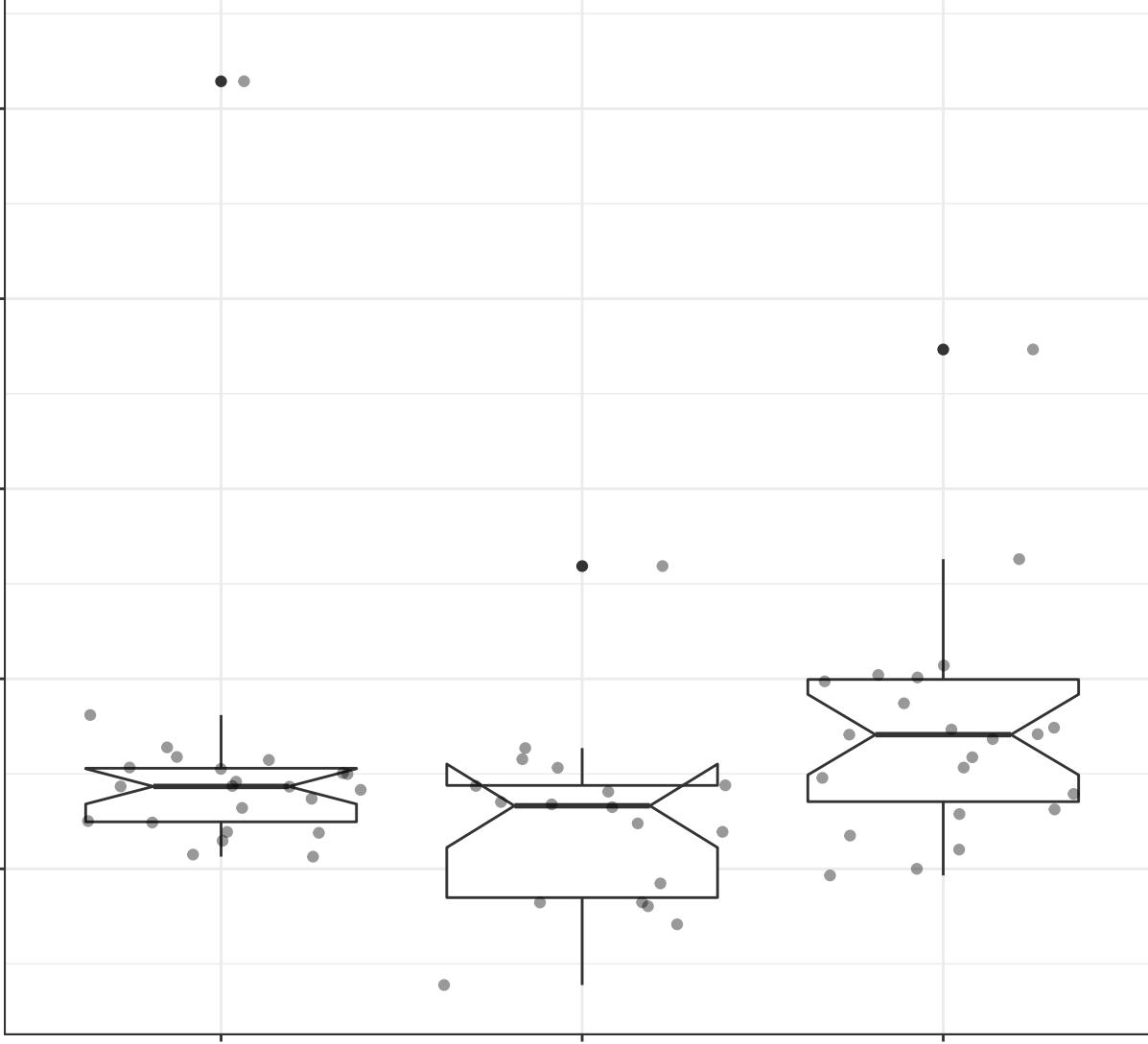
-0.30

Control

GPAneg

GPAPos

GPA_signature



LV 604

Value

0.06

0.03

0.00

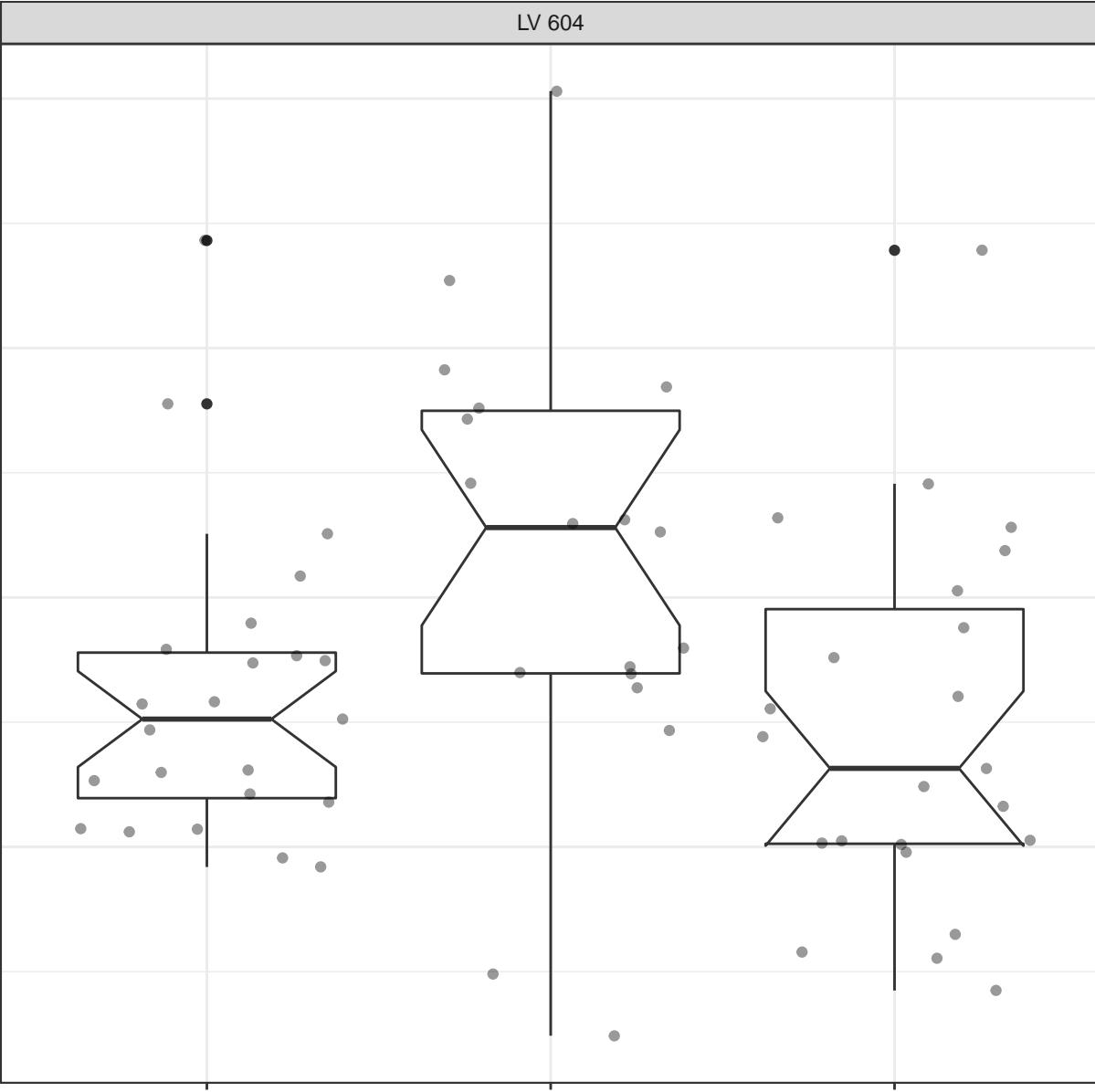
-0.03

Control

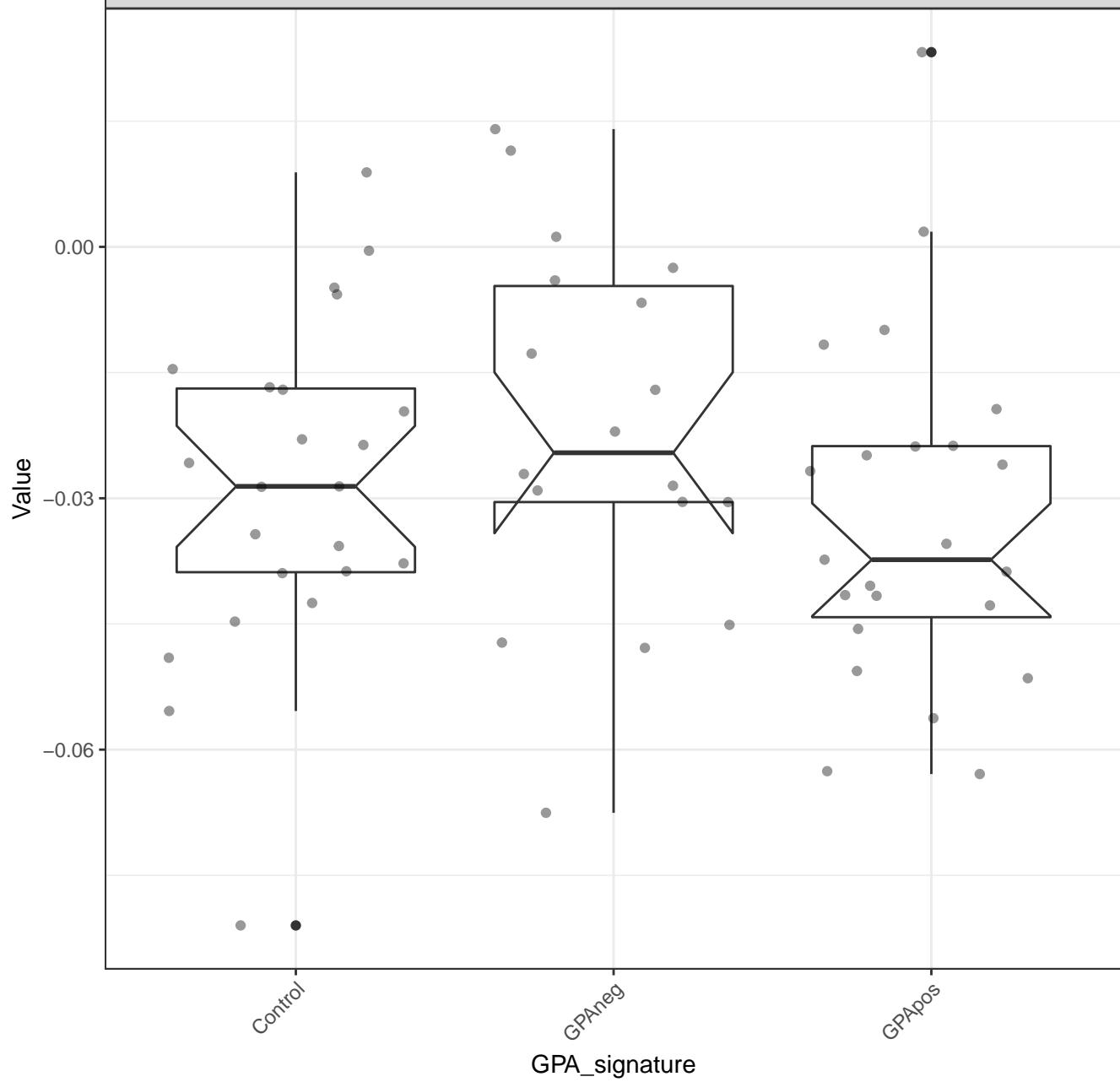
GPA_signature

GPAneg

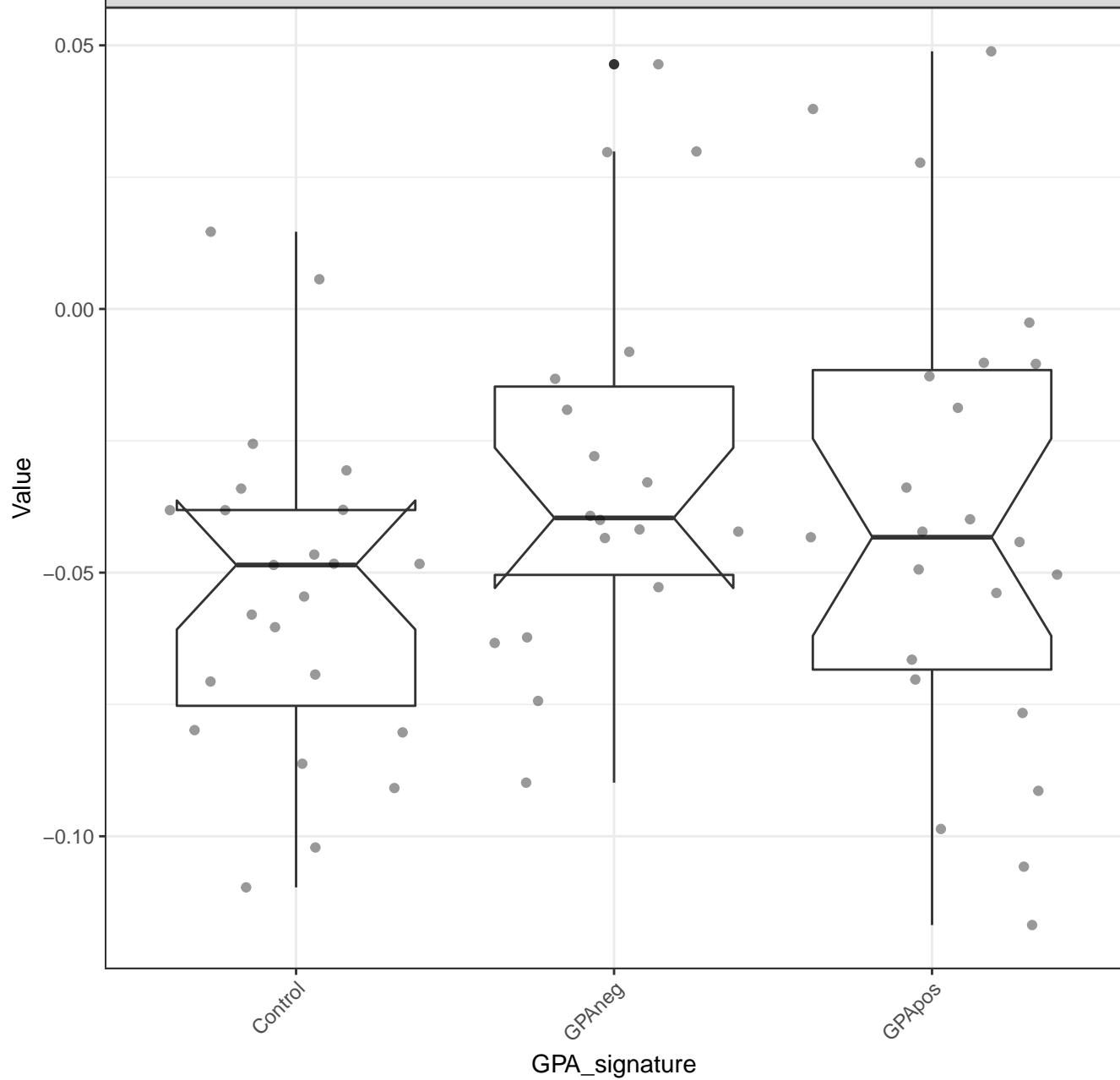
GPApos



605,ST_B_CELL_ANTIGEN_RECECTOR



LV 606



LV 607

Value

0.05

0.01

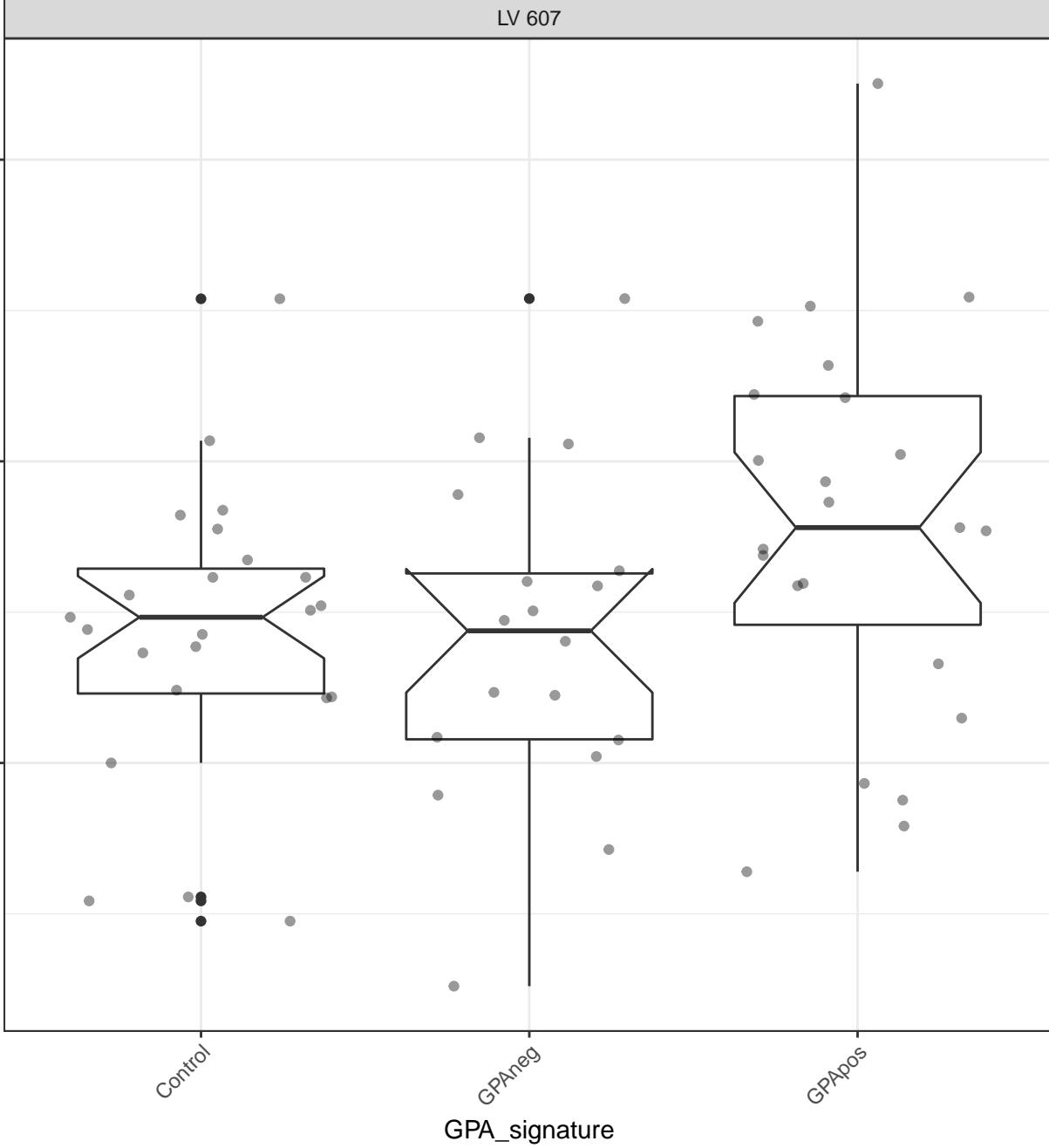
-0.05

Control

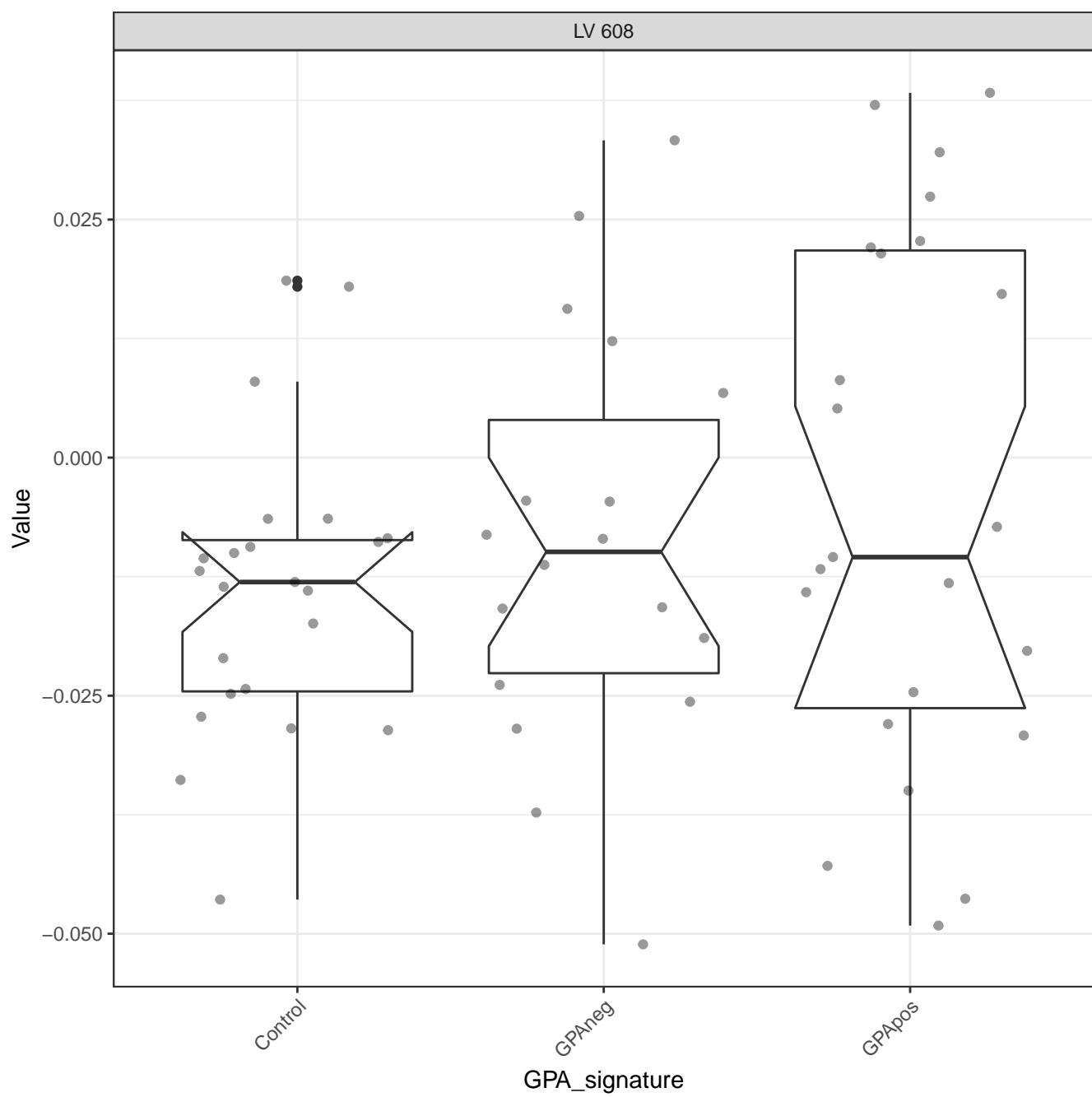
GPAneg

GPAPos

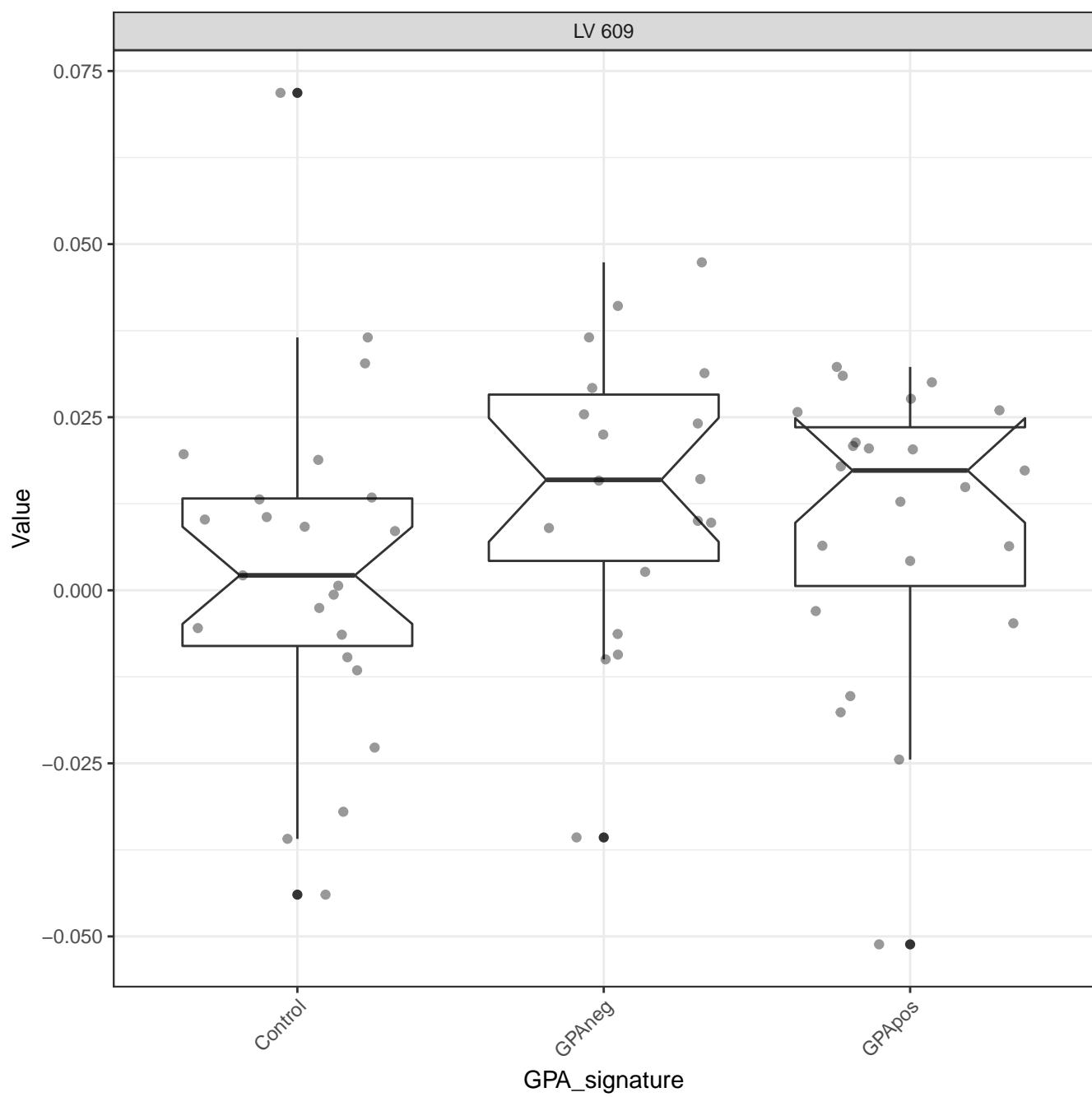
GPA_signature



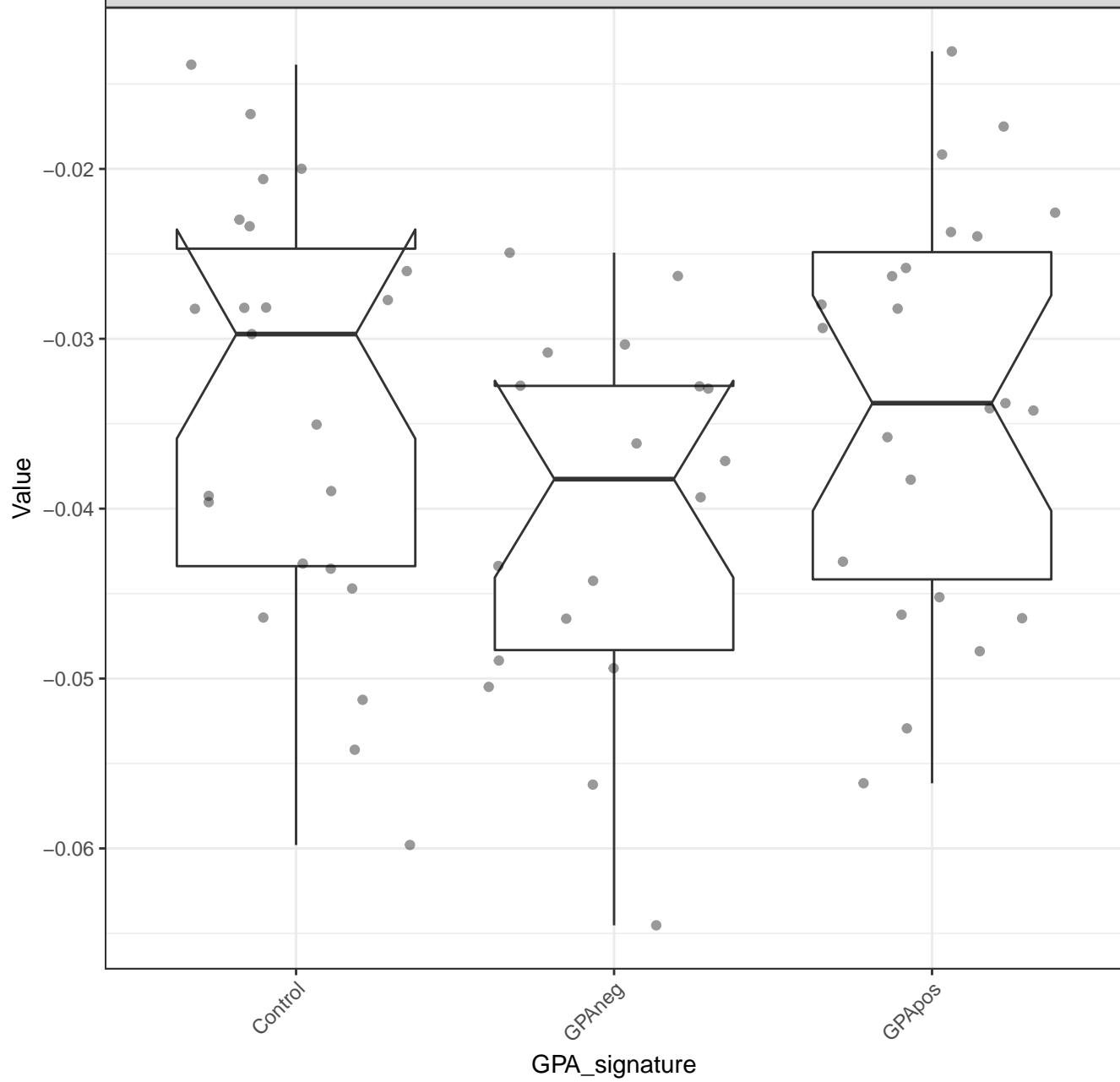
LV 608



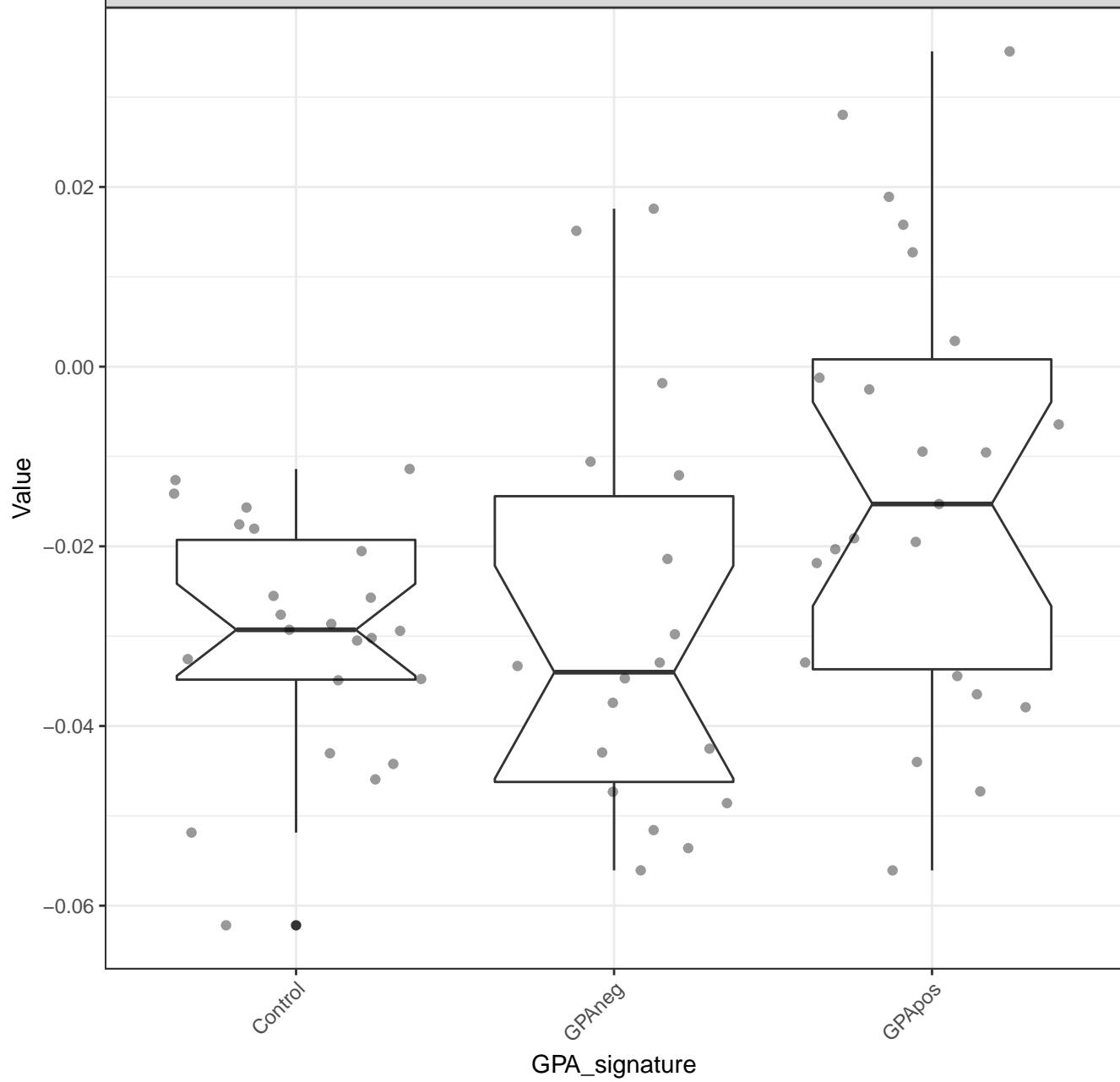
LV 609



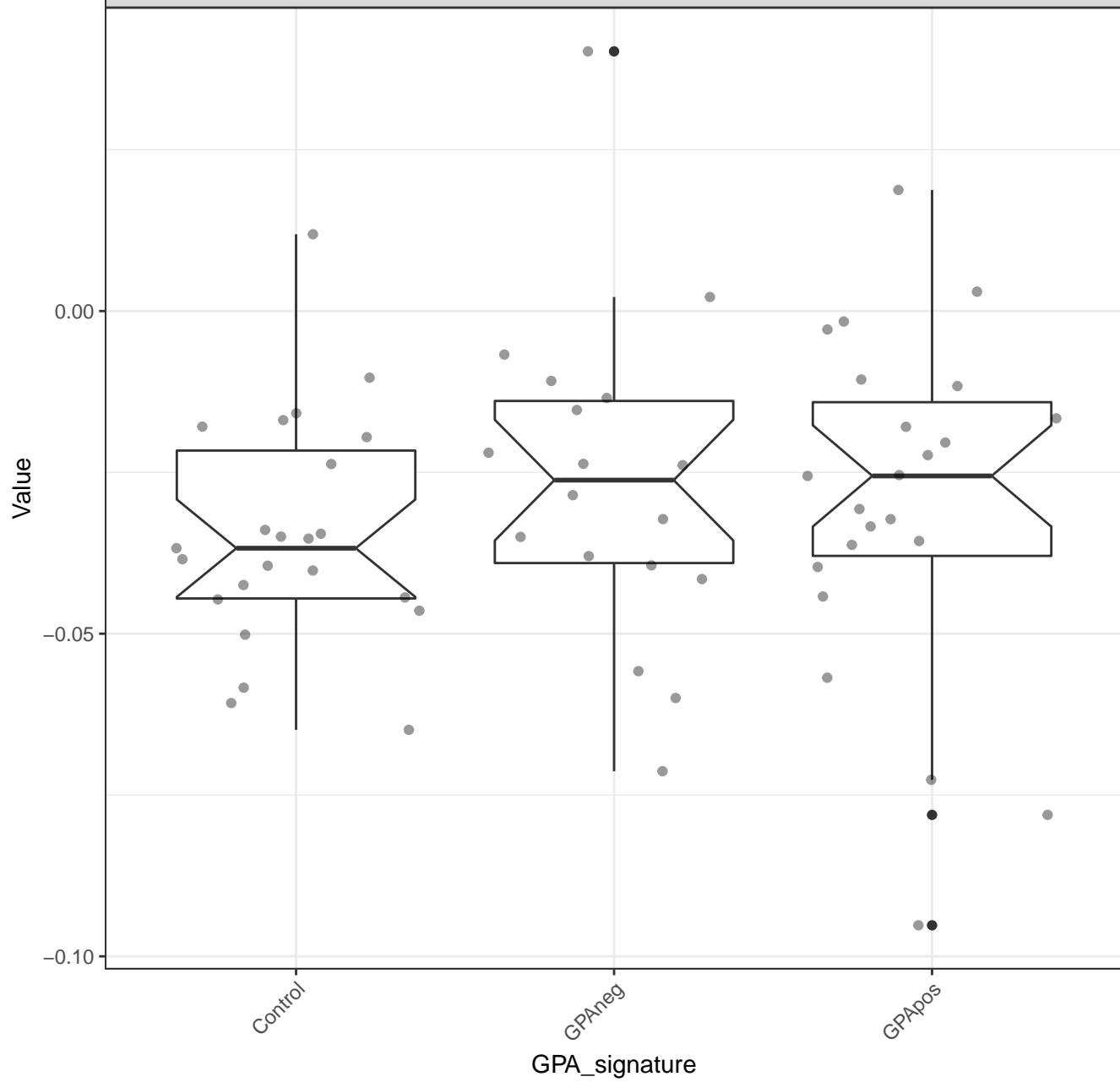
LV 610



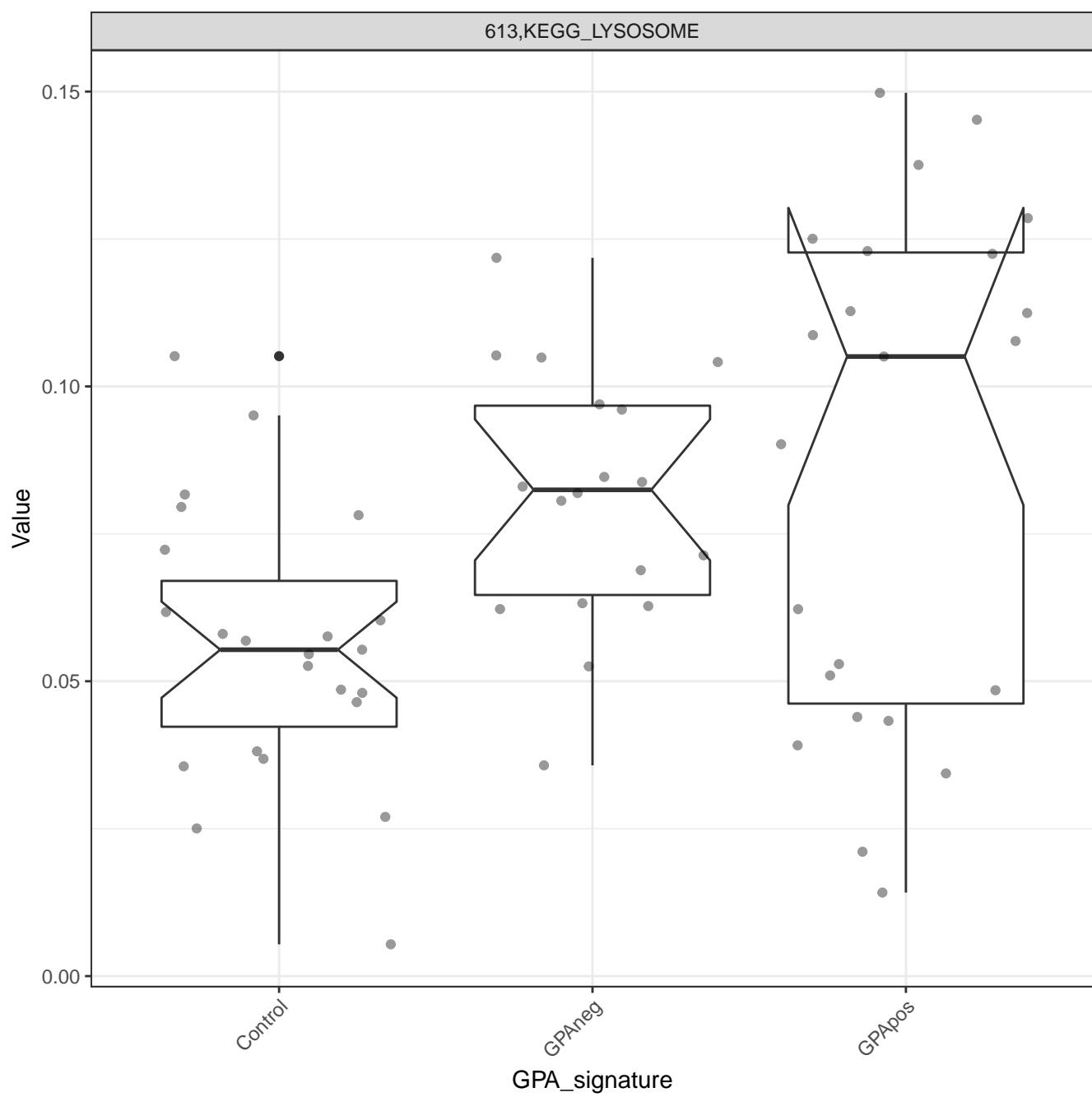
LV 611



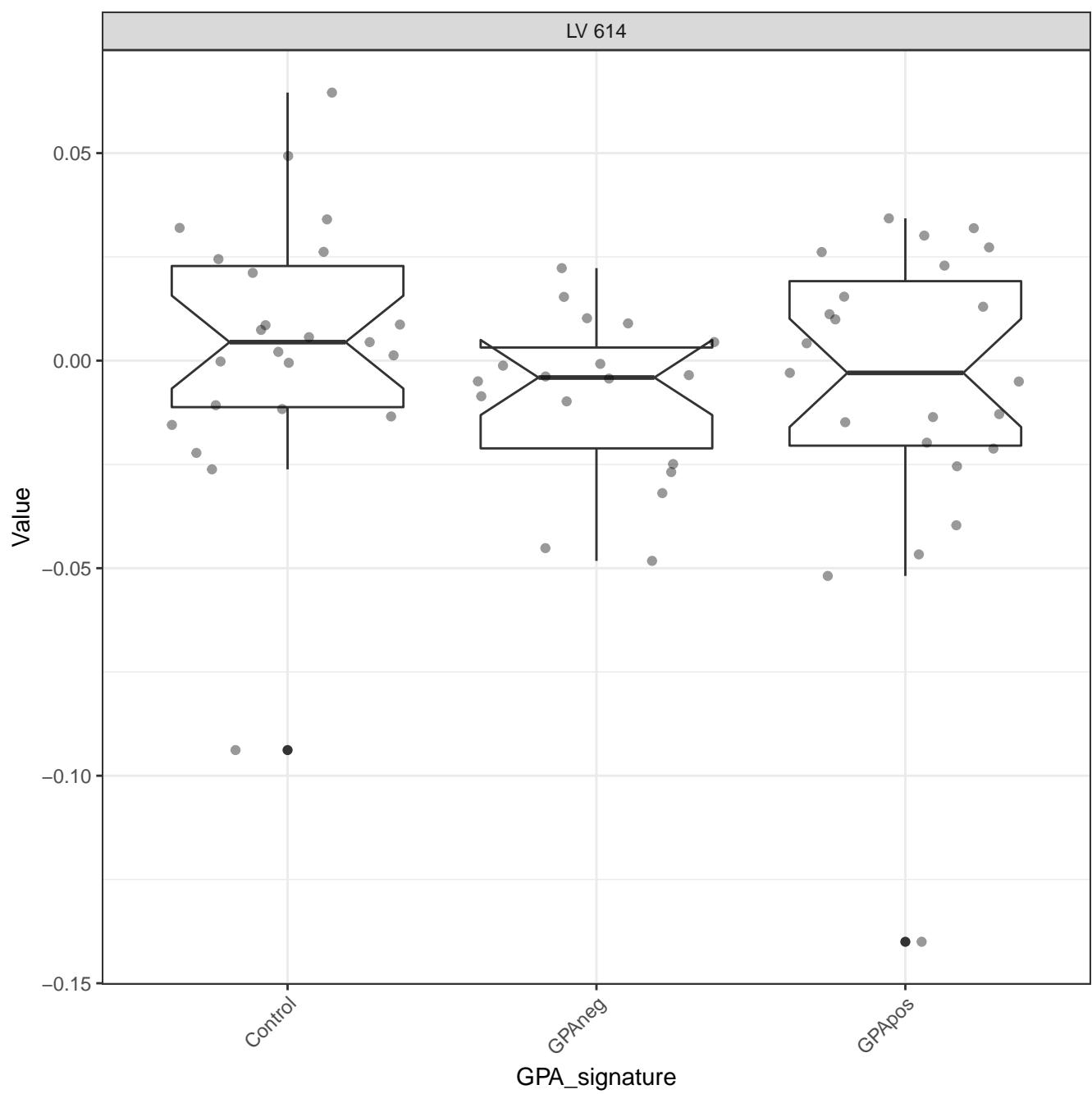
612,REACTOME_GAB1_SIGNALOSOME



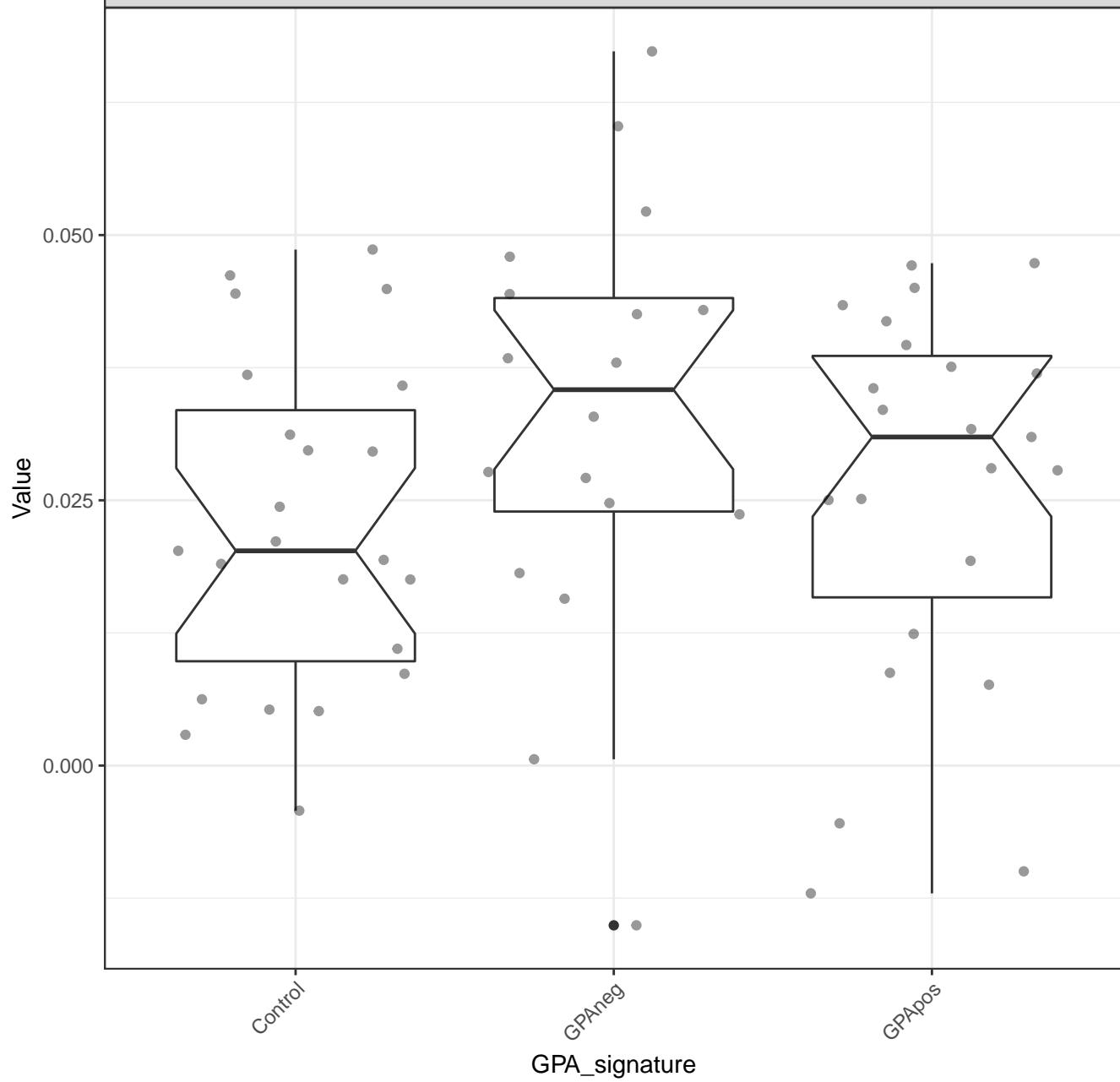
613,KEGG_LYSOSOME



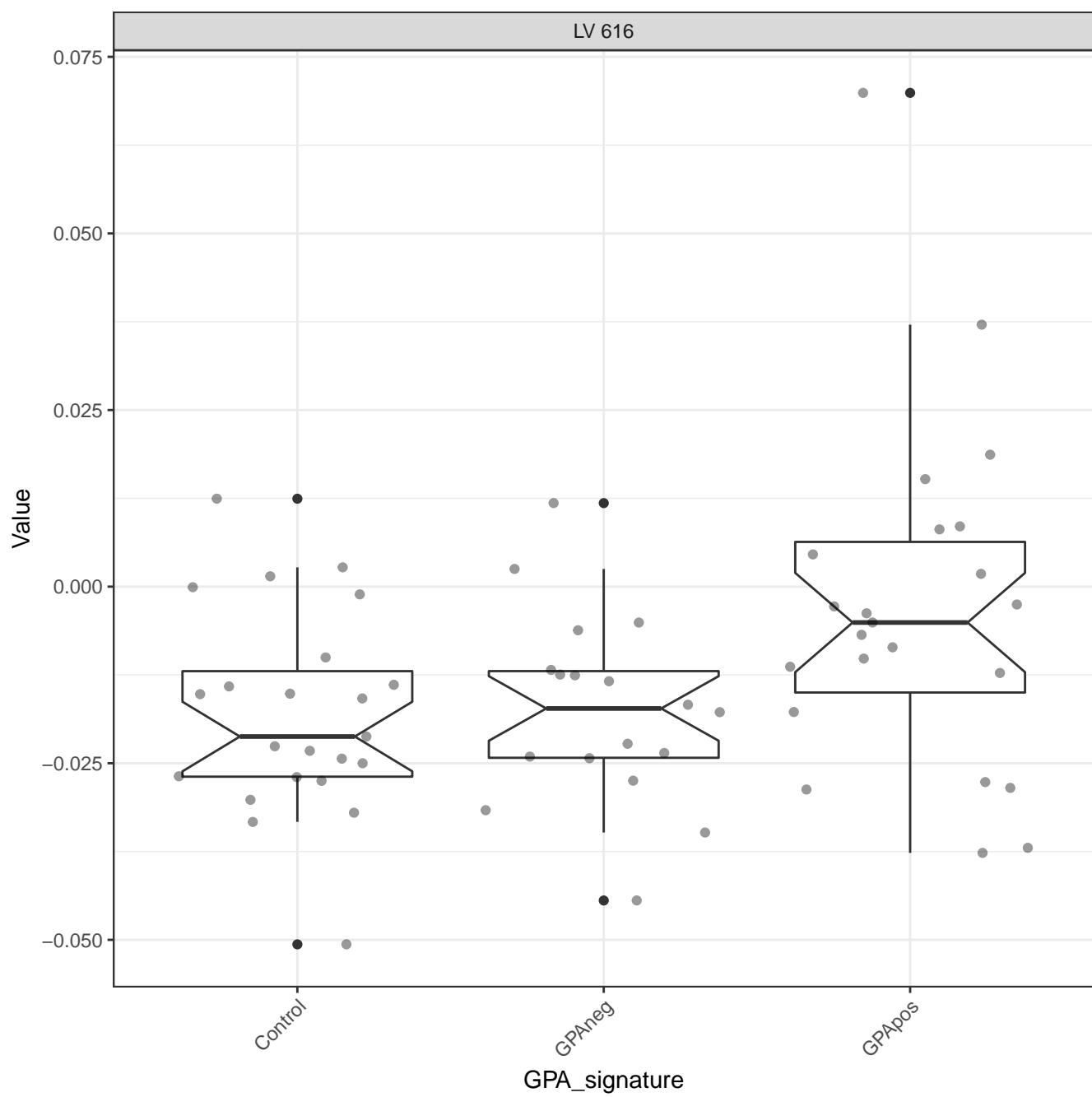
LV 614



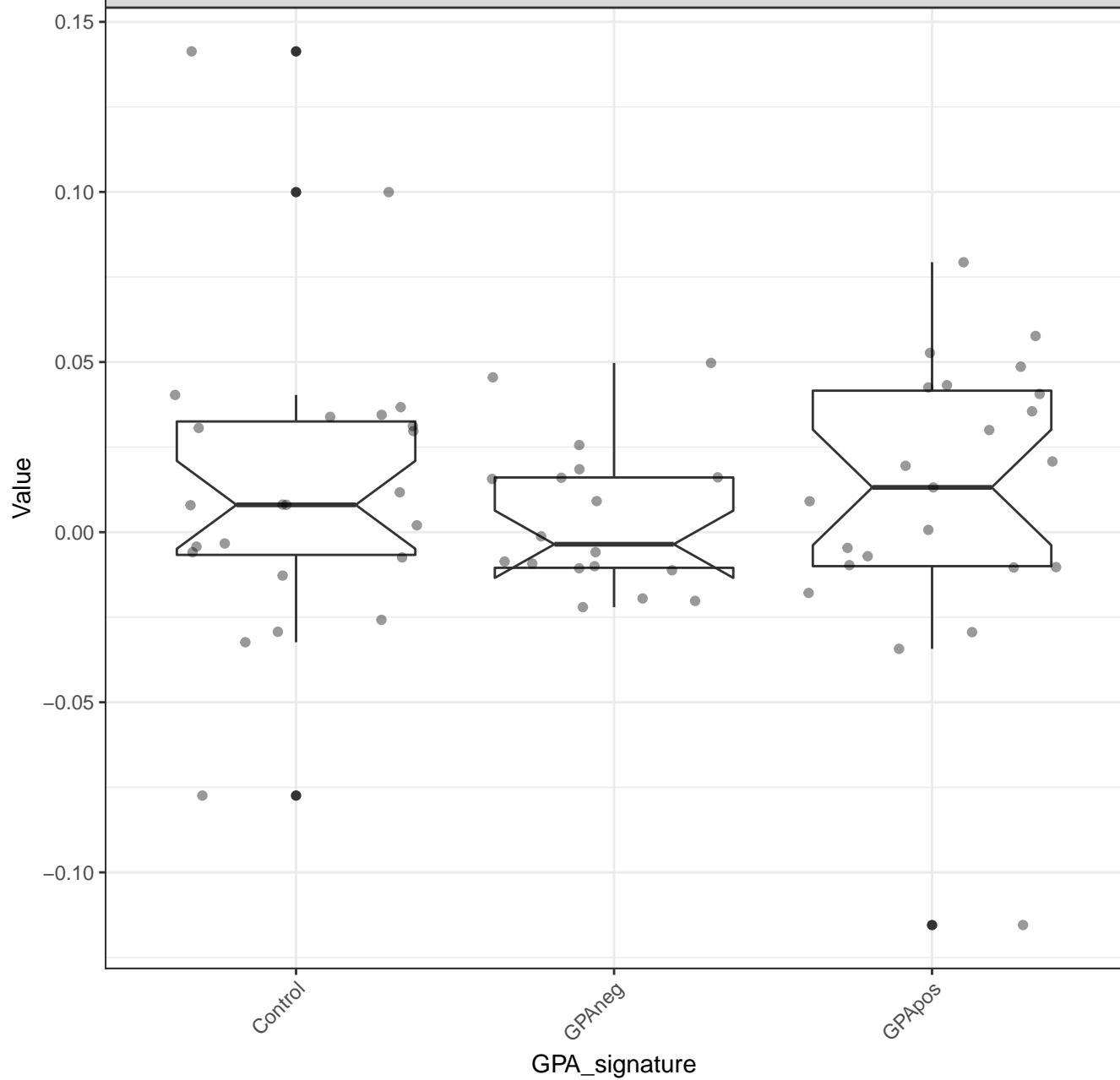
LV 615



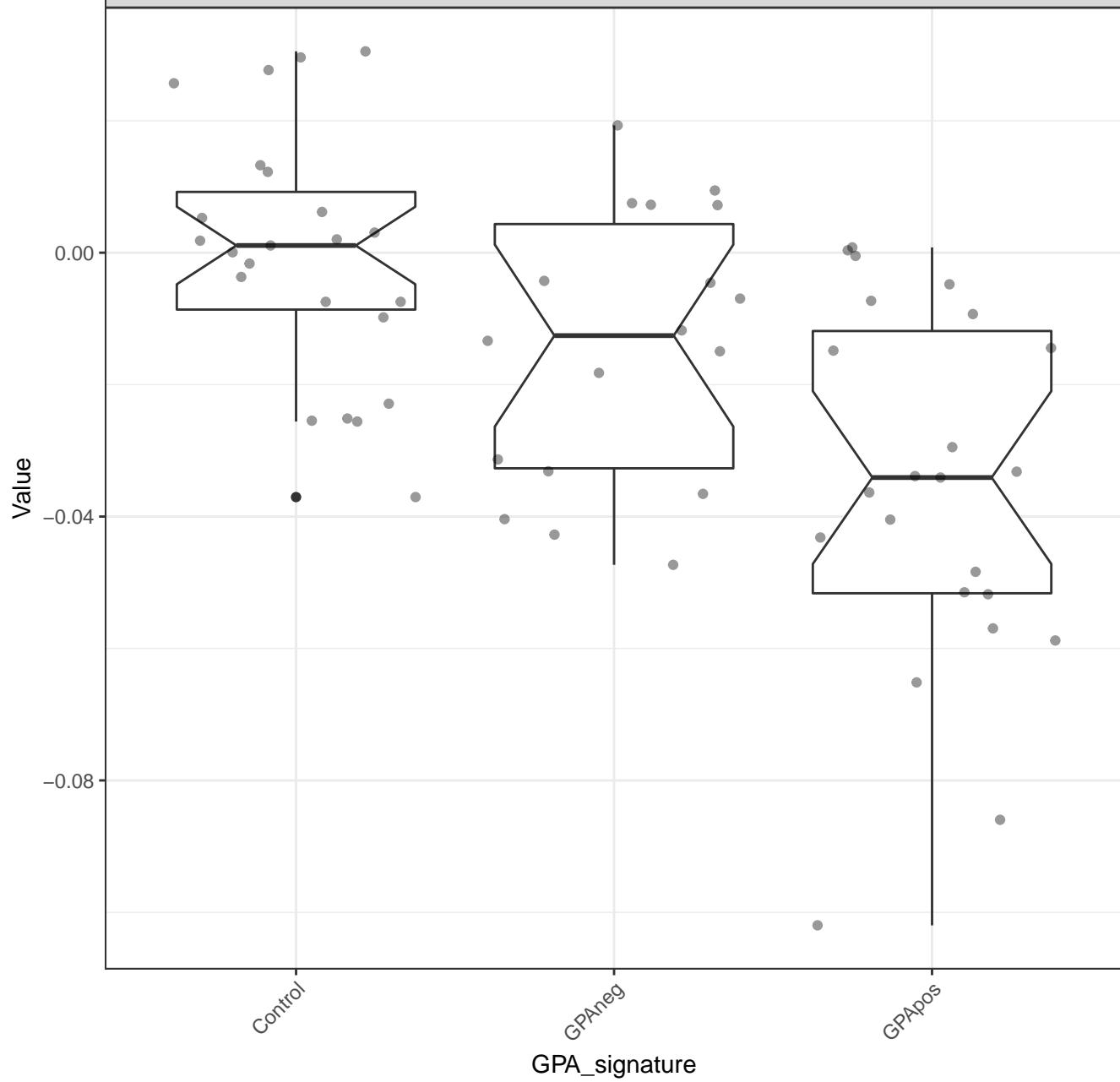
LV 616



LV 617



LV 618



LV 619

Value

0.100

0.075

0.050

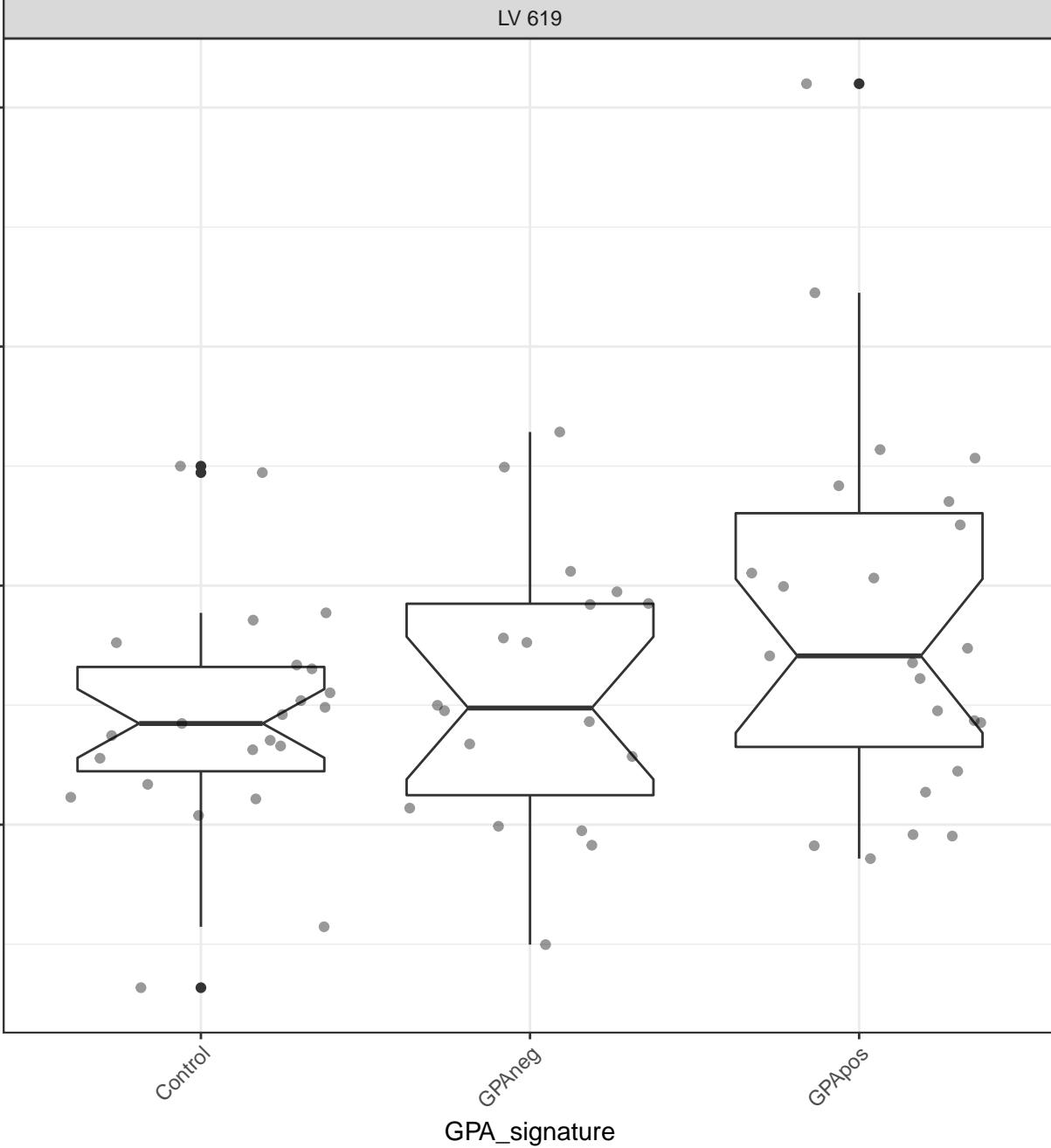
0.025

Control

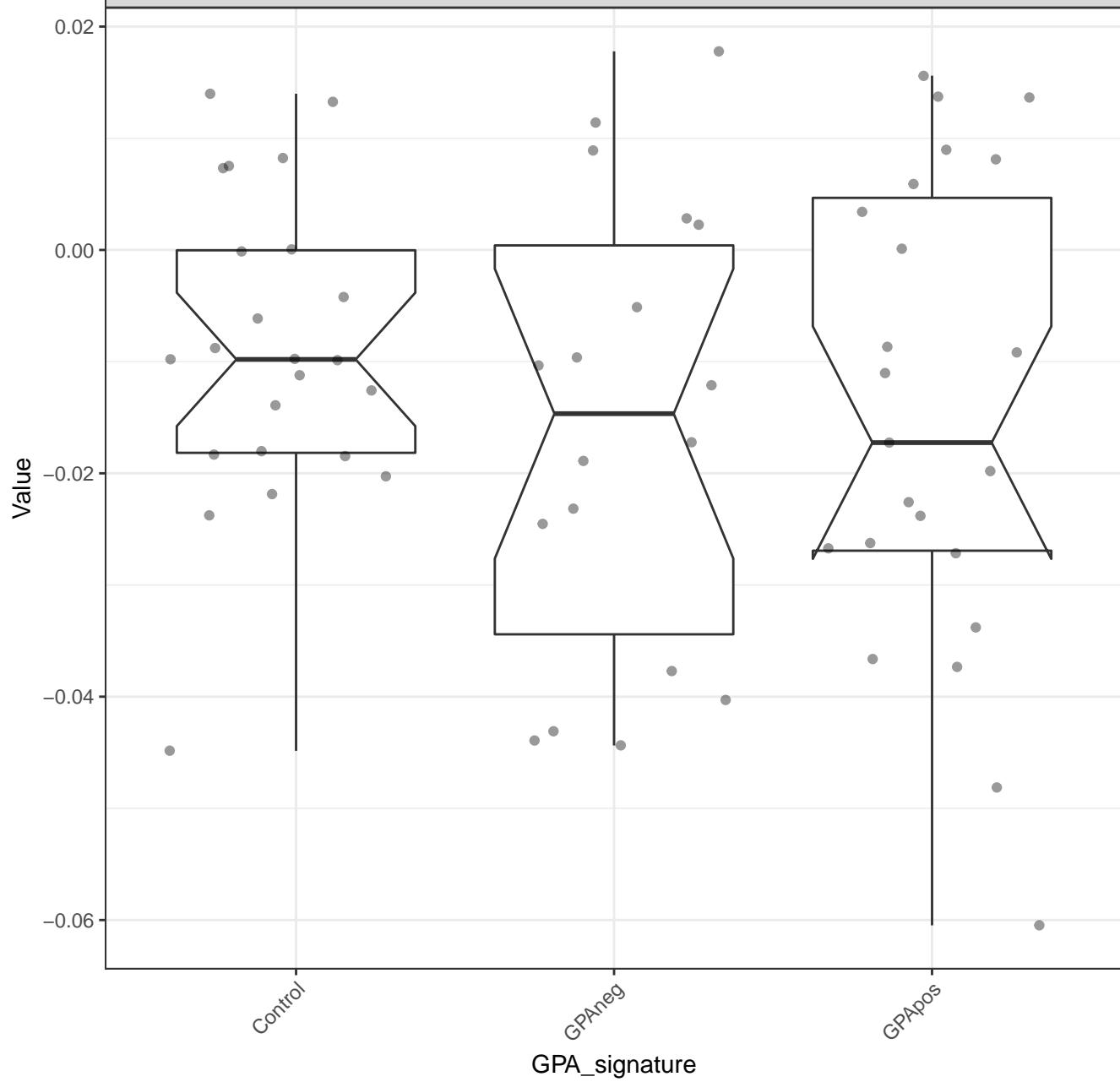
GPAneg

GPAPos

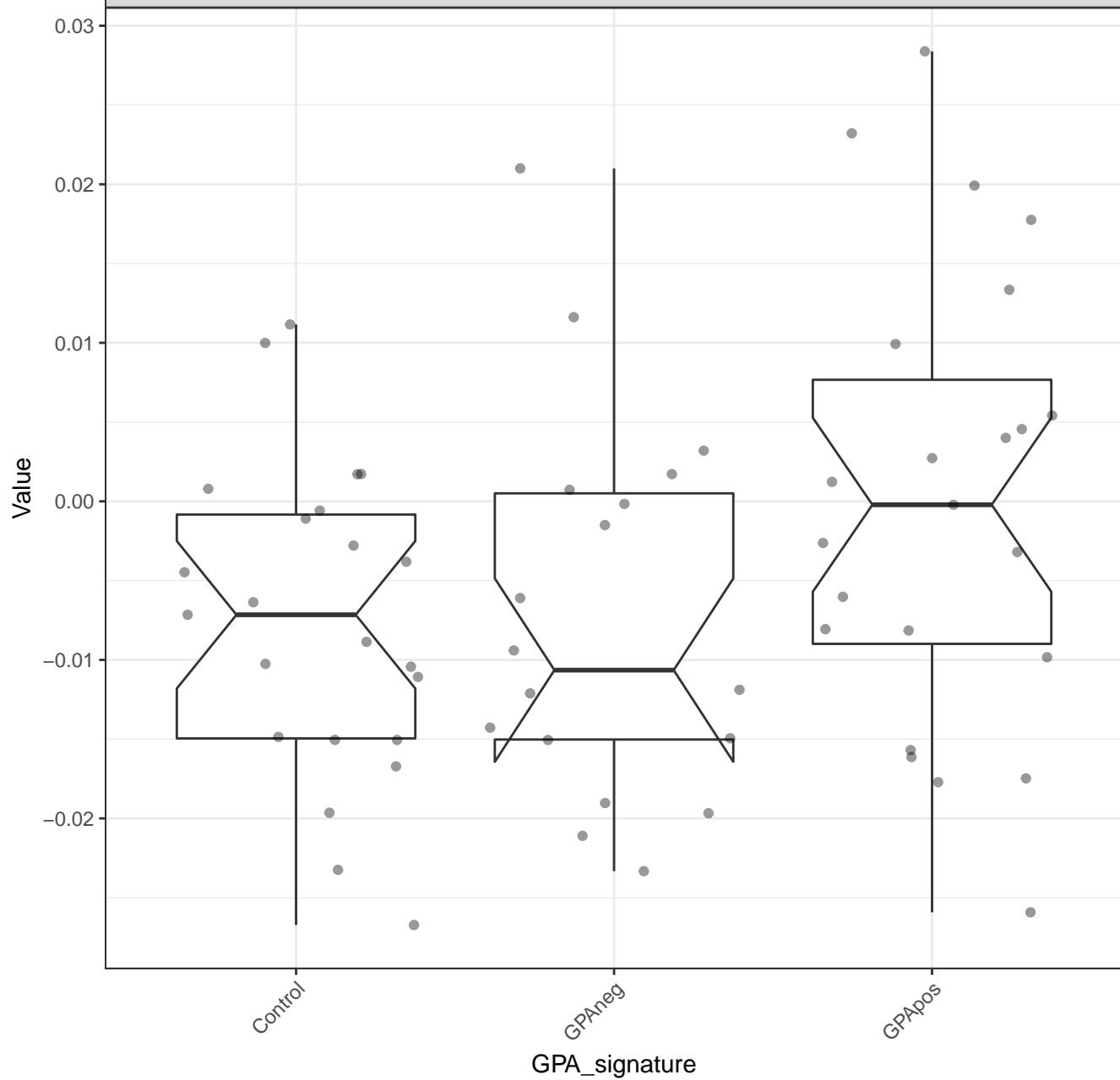
GPA_signature

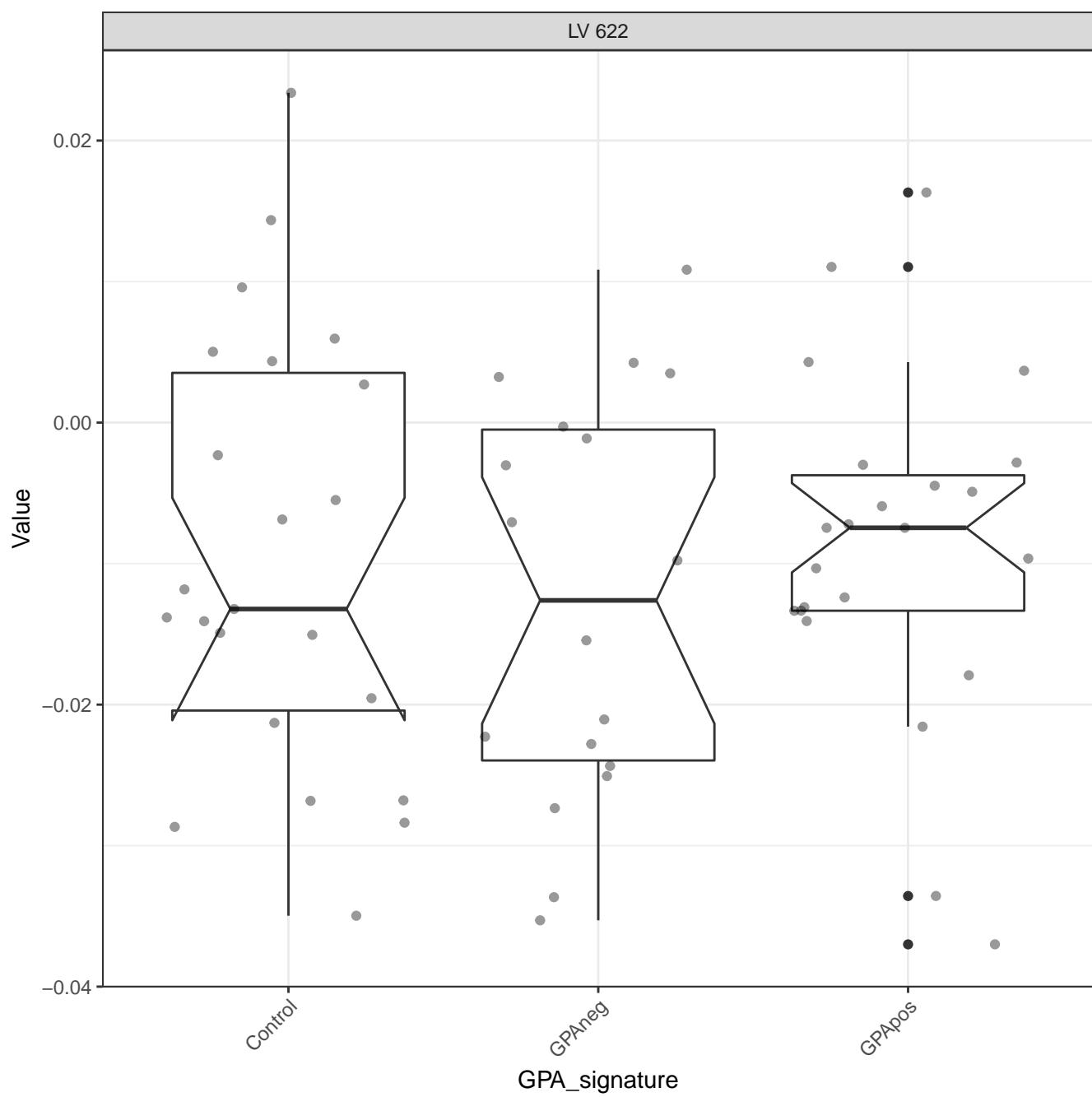


LV 620

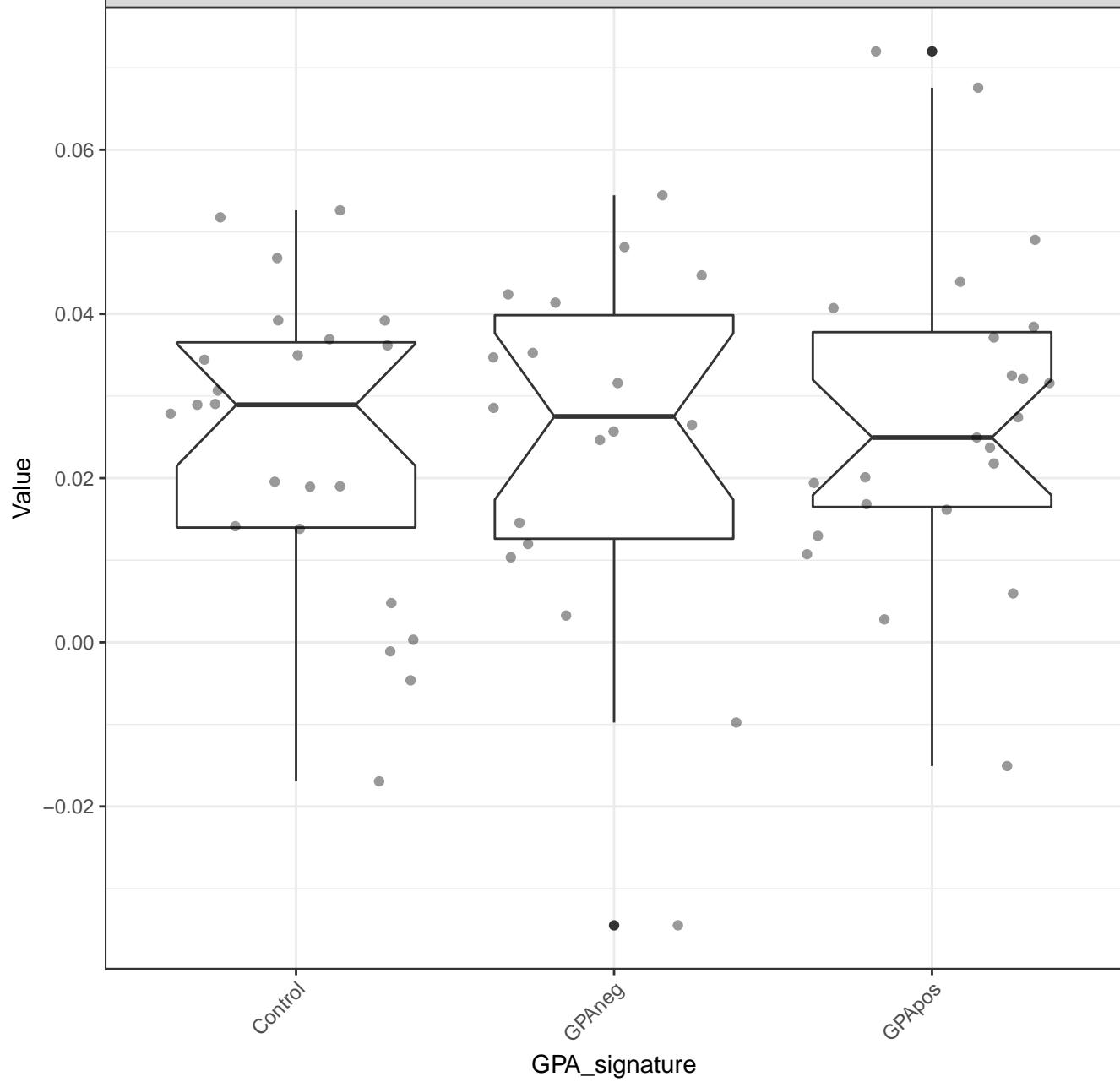


LV 621

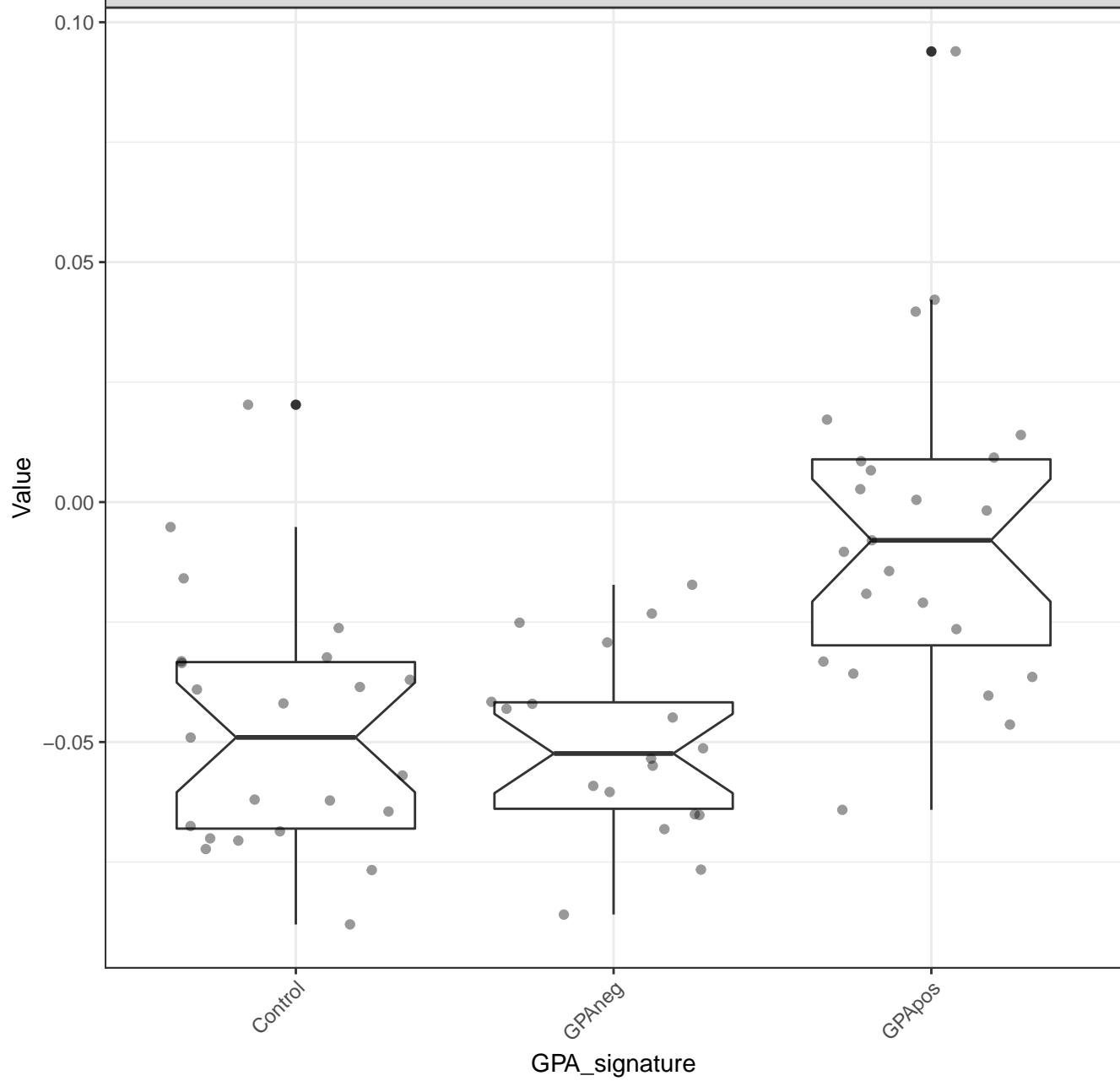


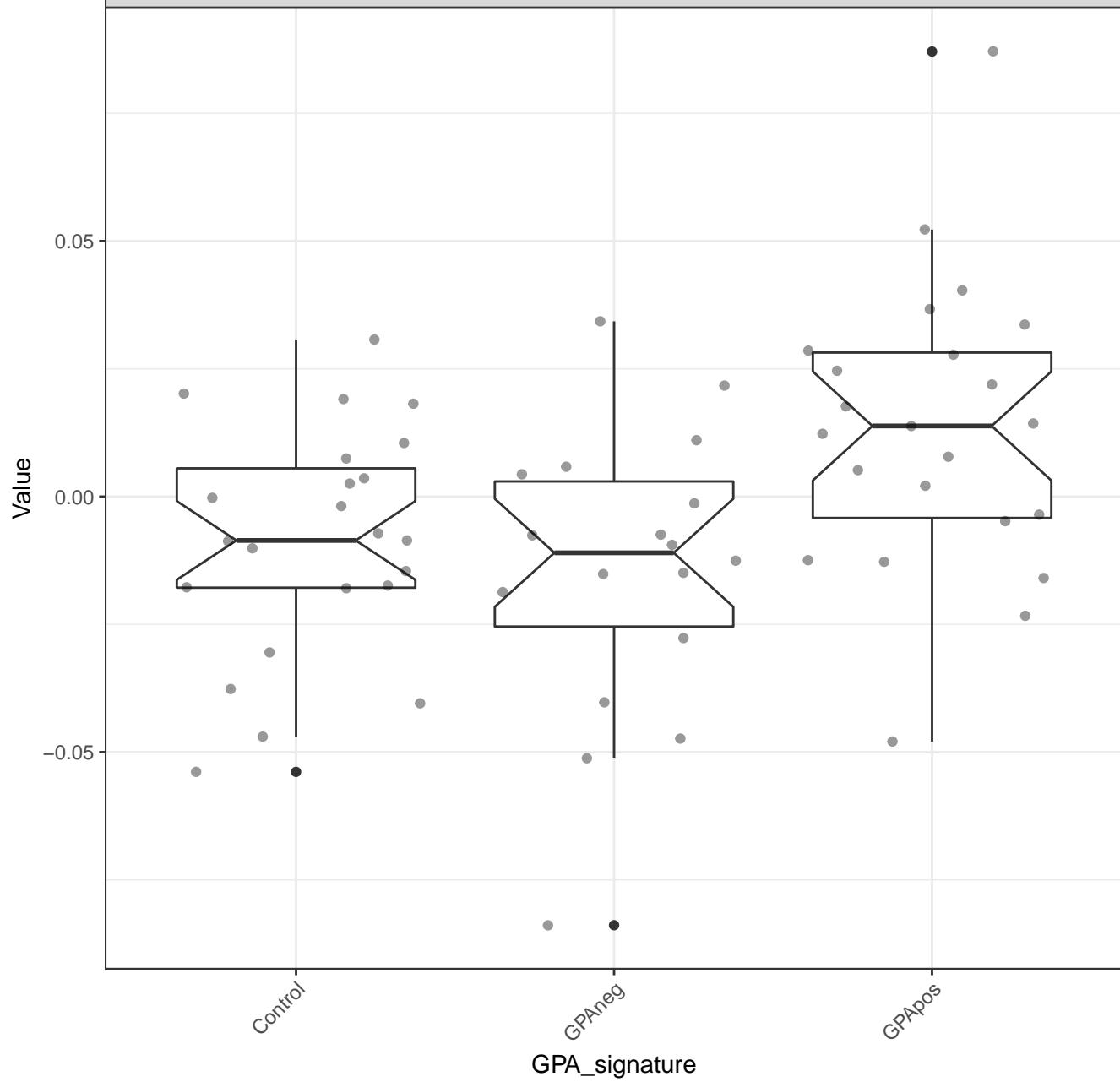


LV 623

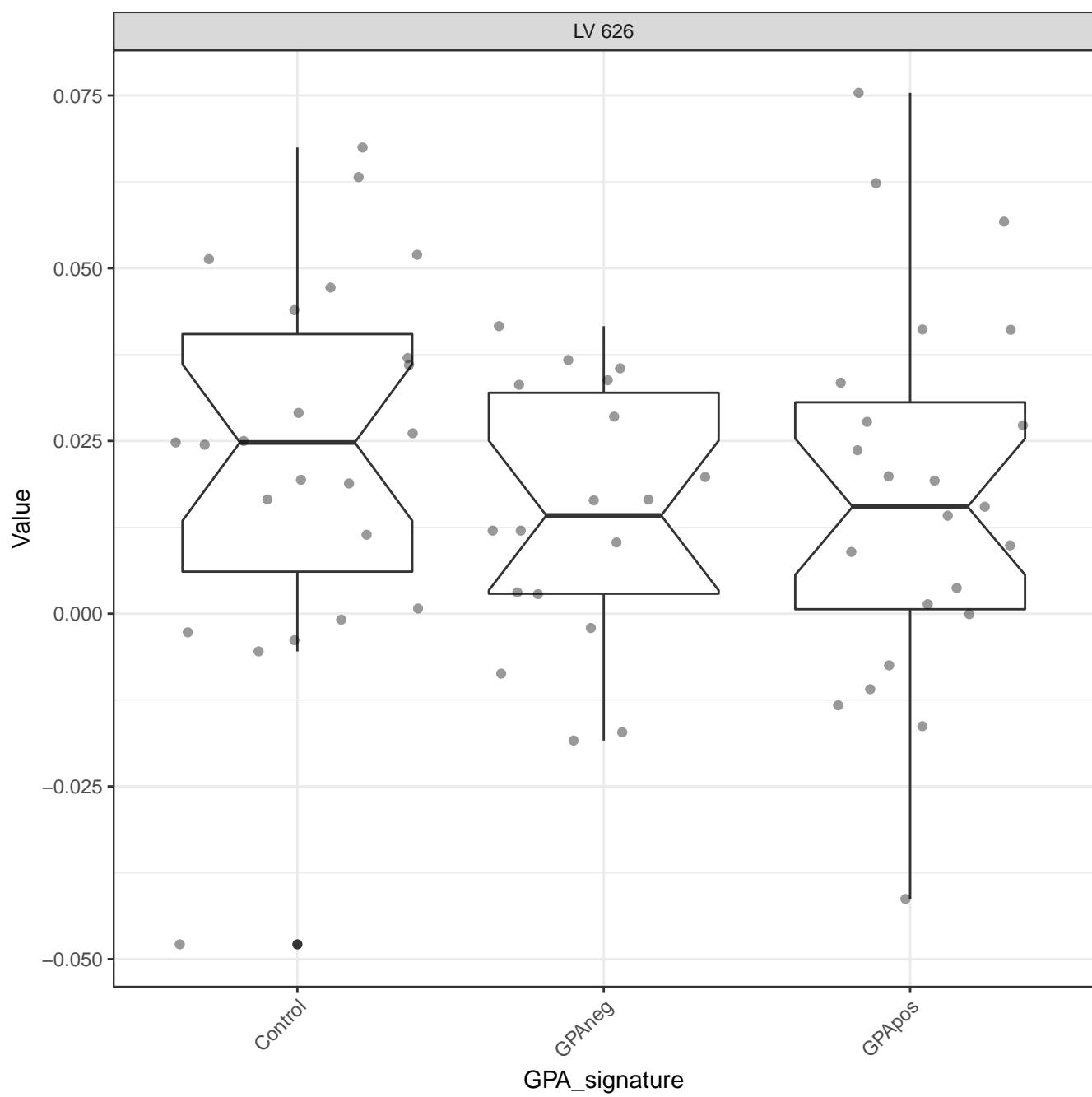


LV 624





LV 626



LV 627

Value

0.04

0.02

0.00

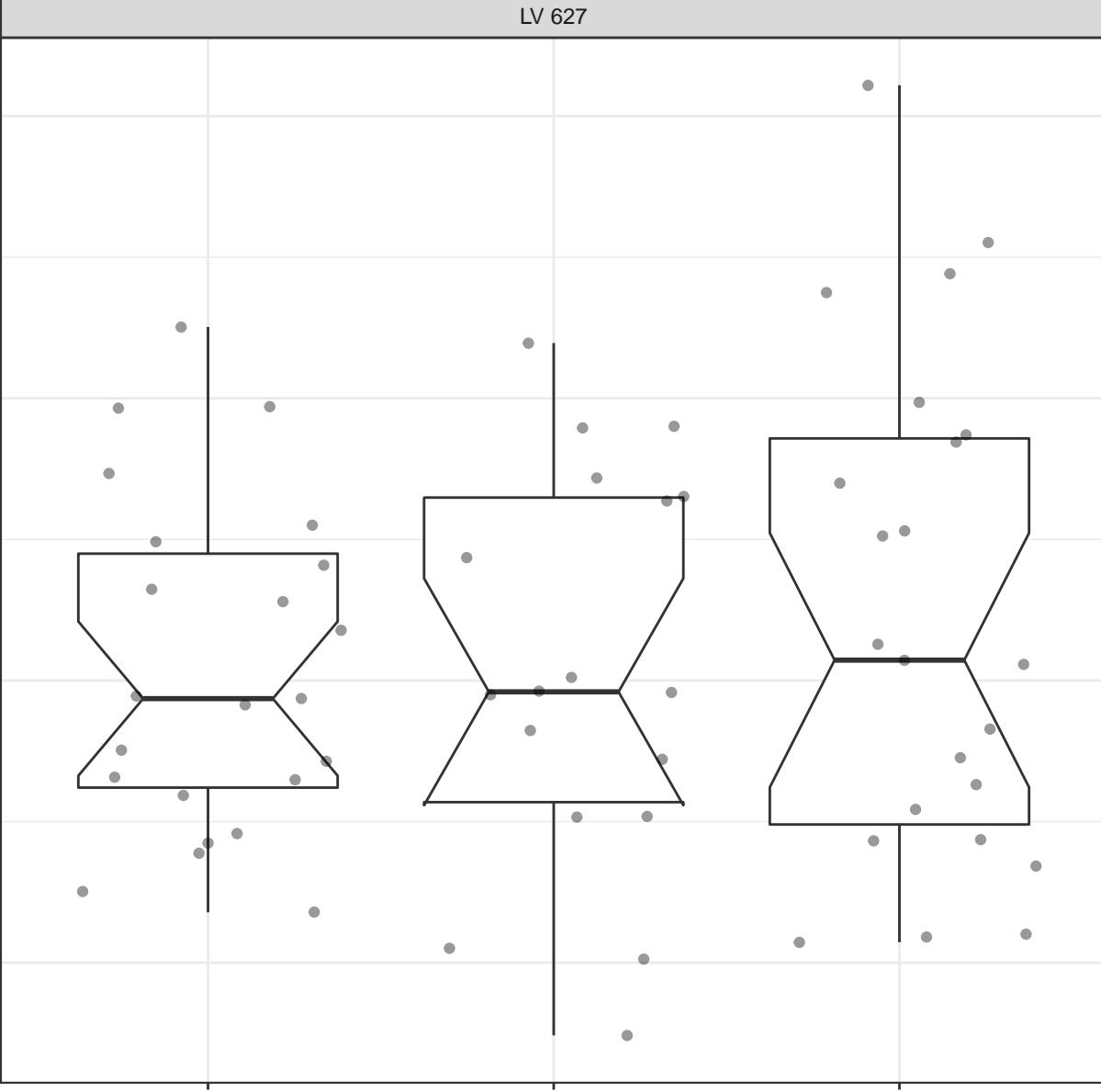
-0.02

Control

GPA_signature

GPAneg

GPAPos



LV 628

Value

0.050

0.025

0.000

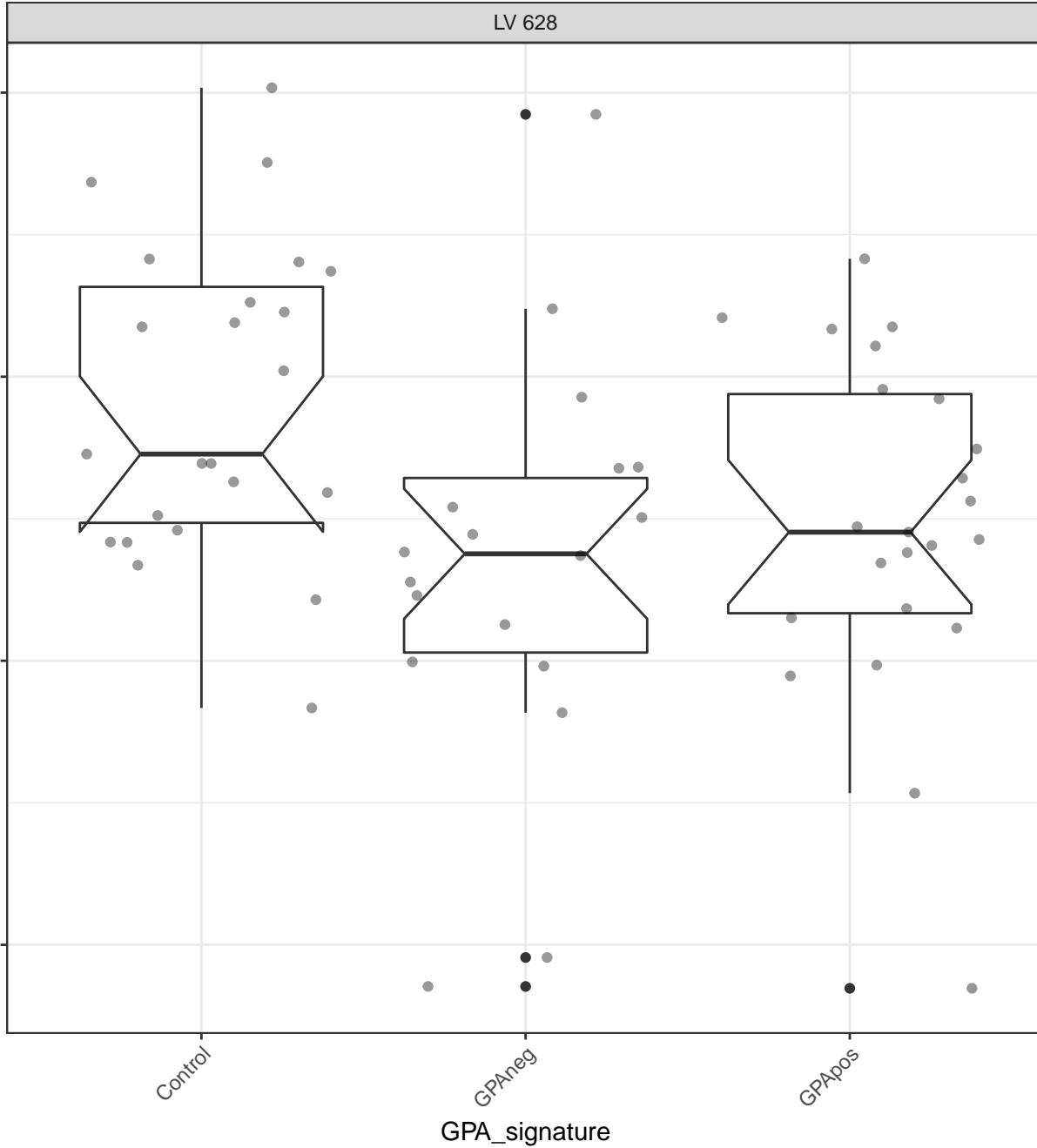
-0.025

Control

GPA_signature

GPAneg

GPAPos



LV 629

Value

0.05

0.00

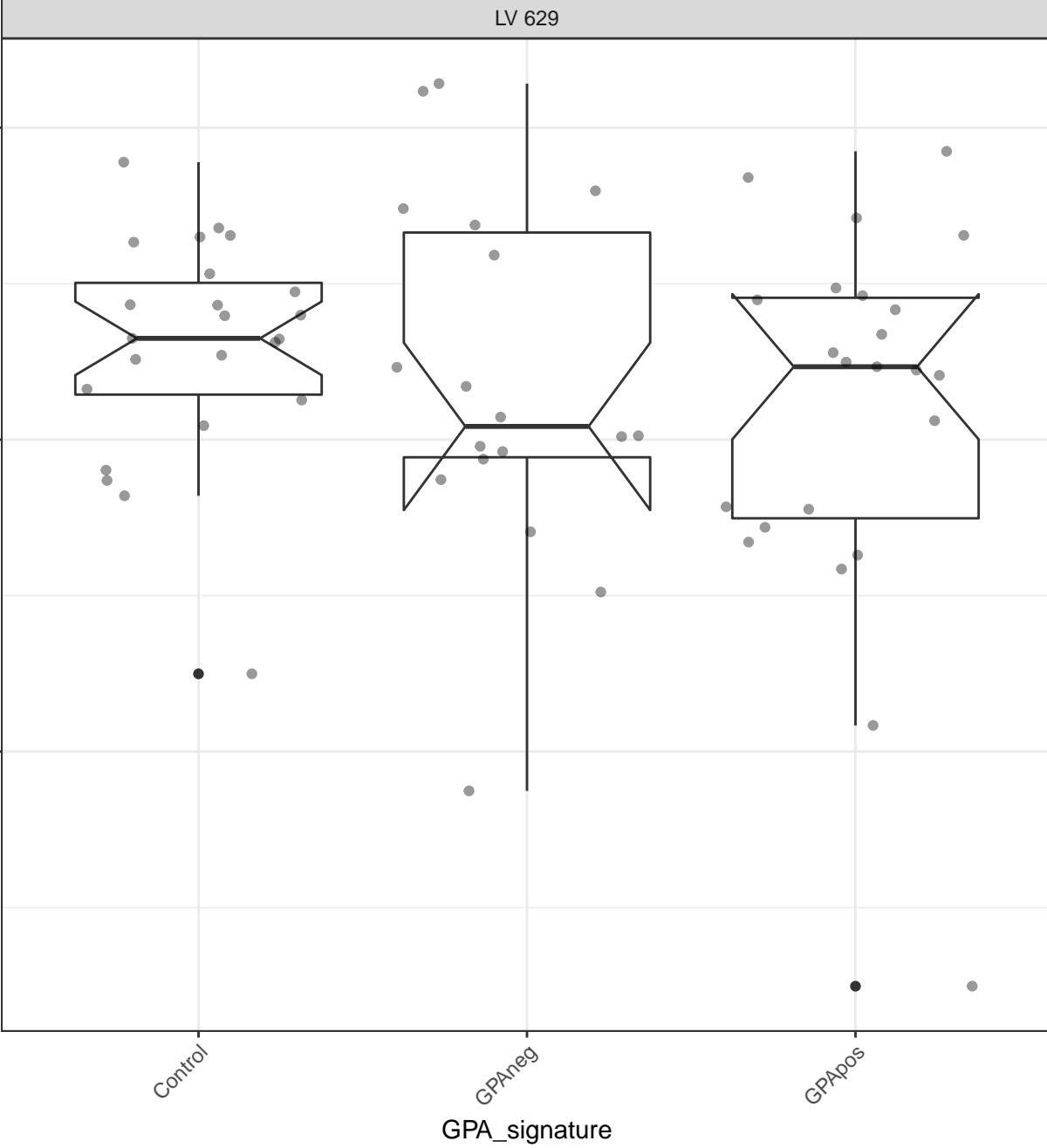
-0.05

Control

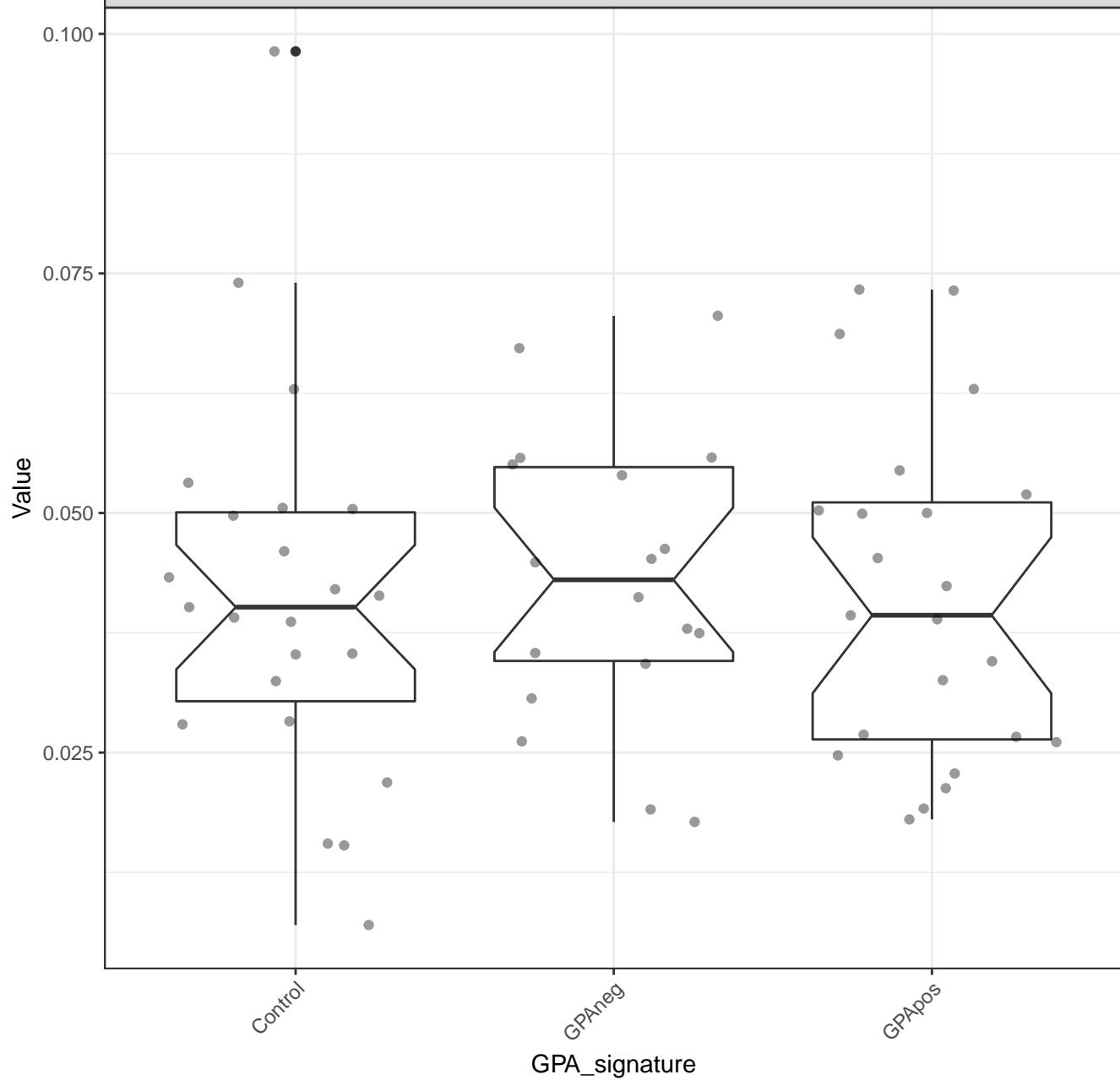
GPAneg

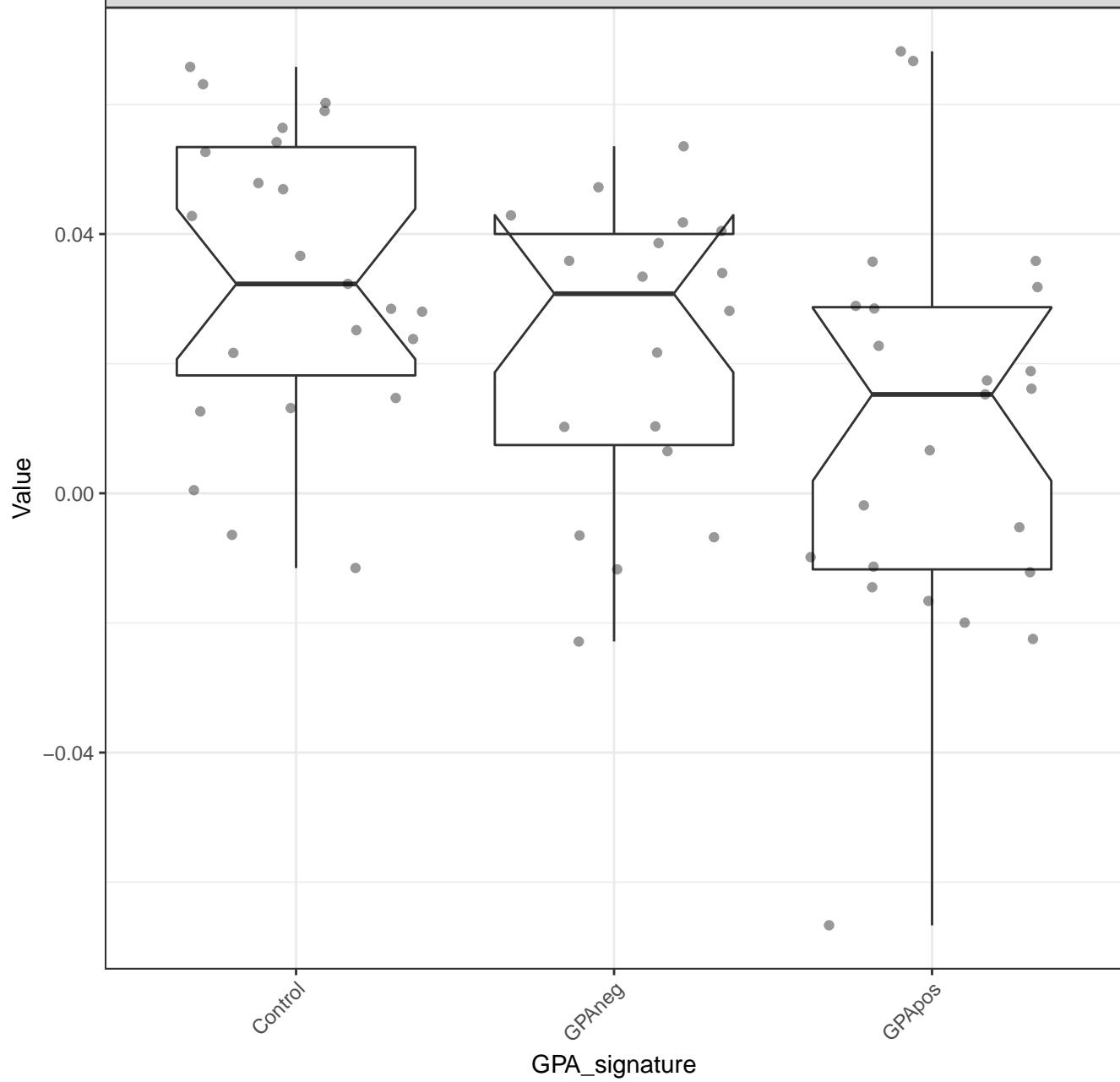
GPApos

GPA_signature

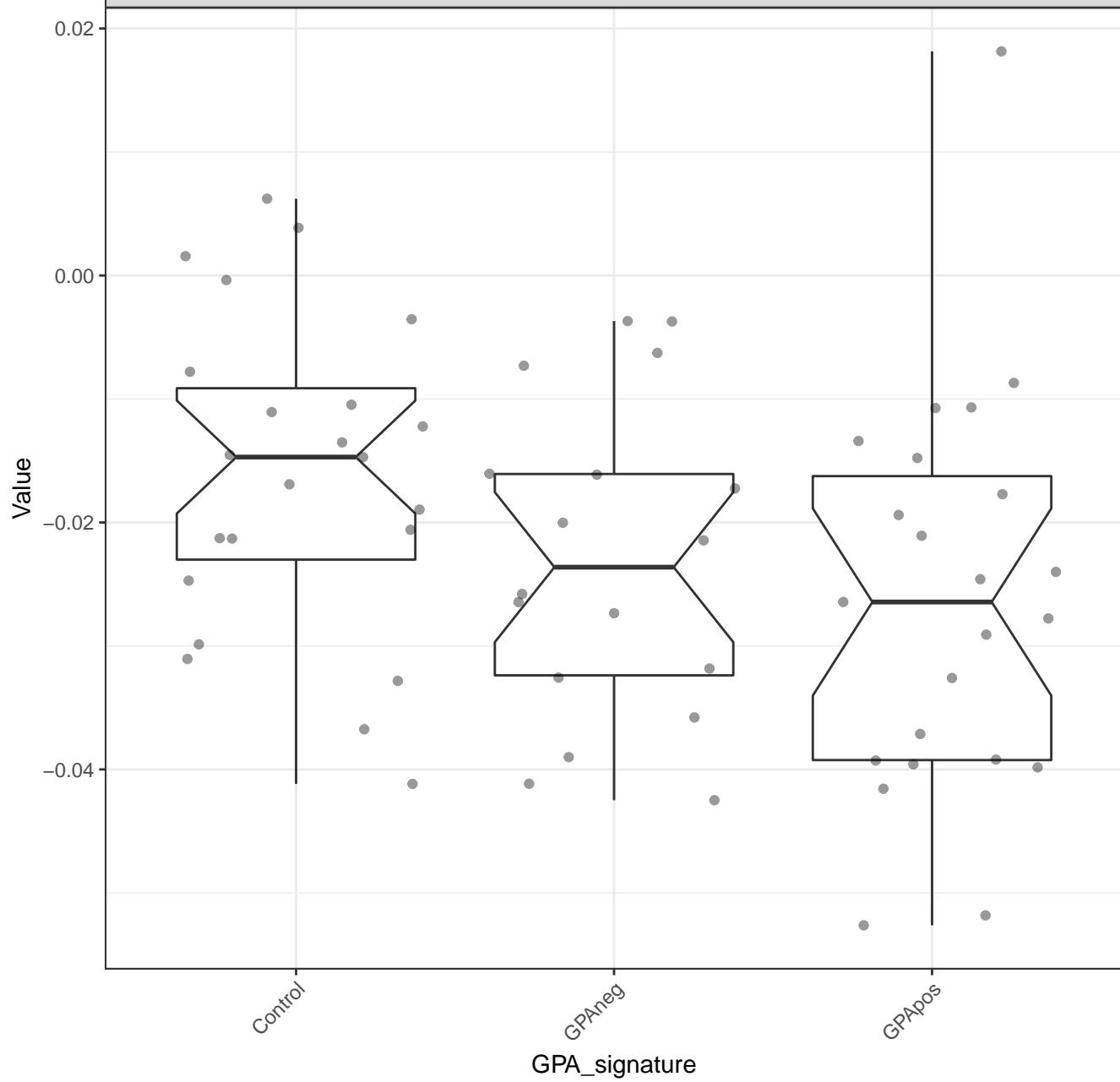


LV 630





LV 632



LV 633

Value

0.050

0.025

0.000

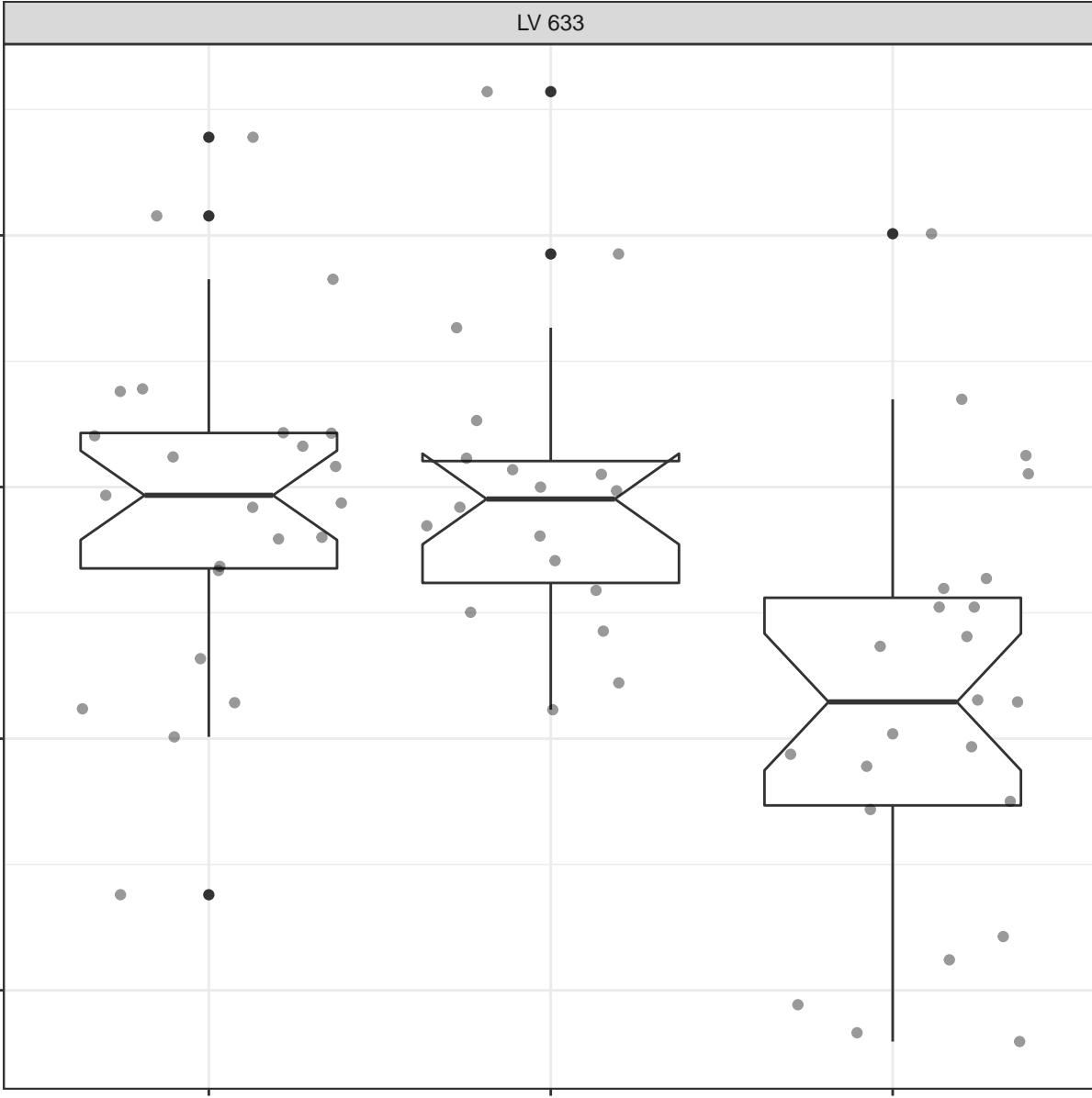
-0.025

Control

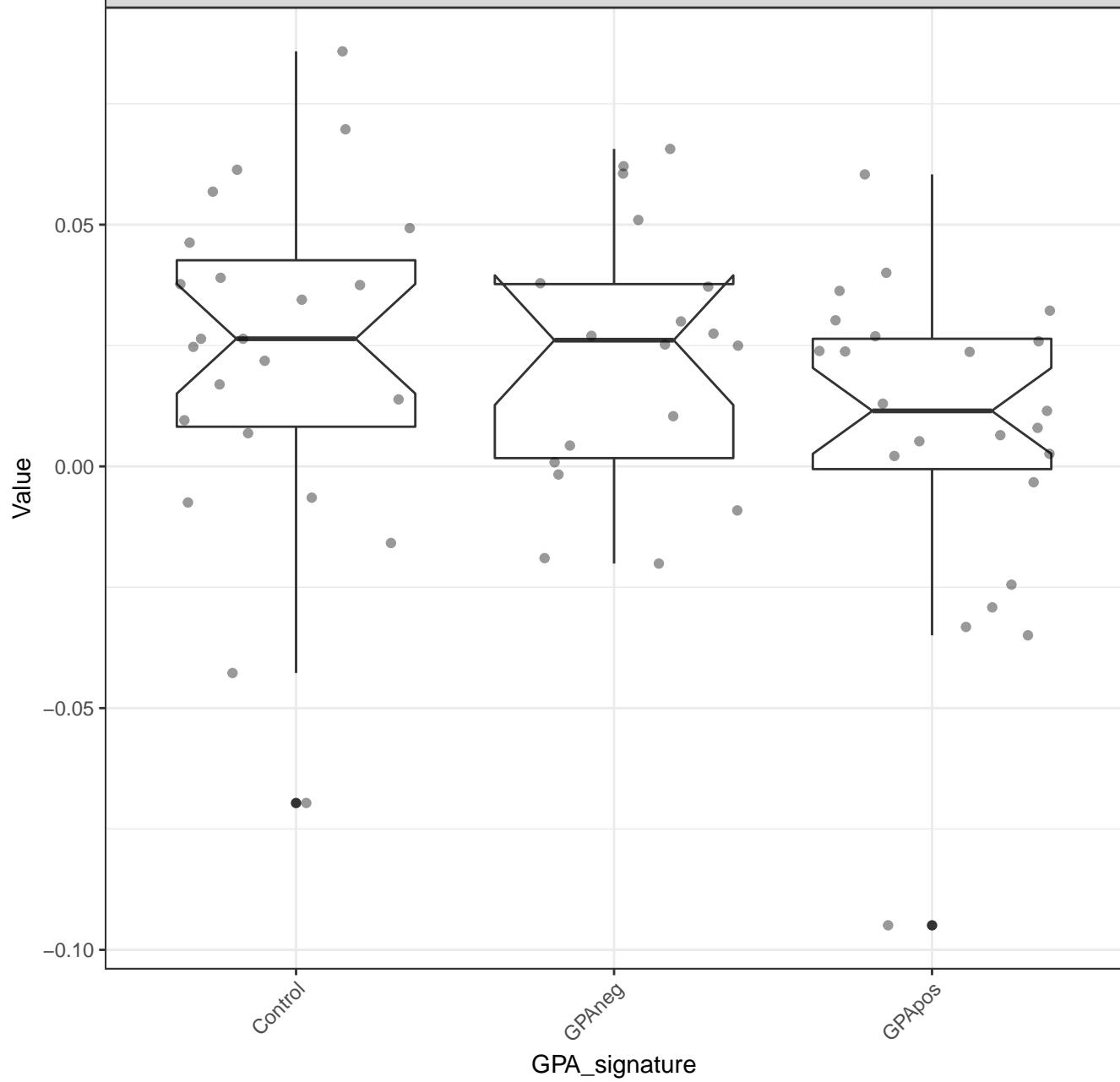
GPA_signature

GPAneg

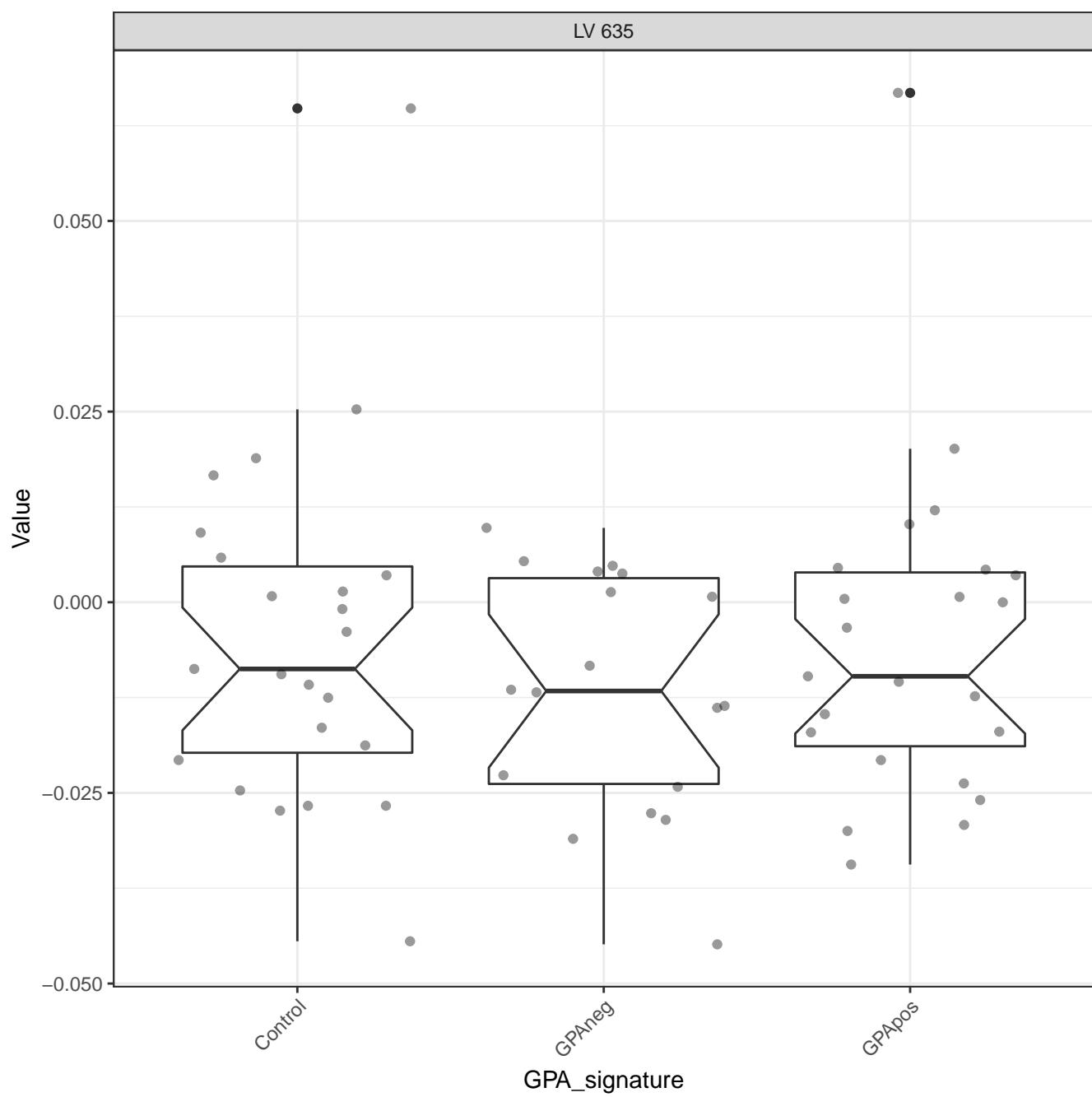
GPAPos



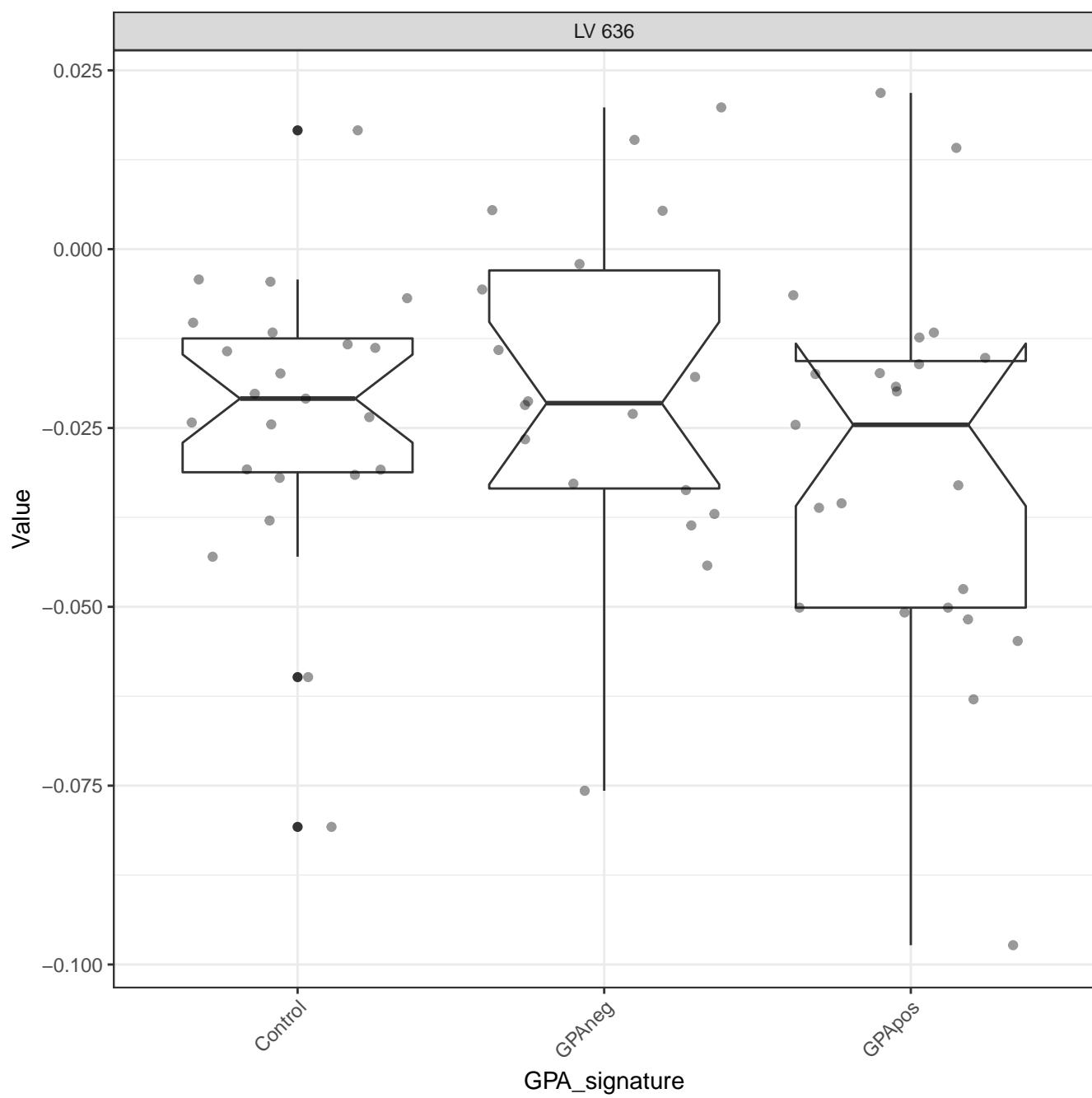
LV 634



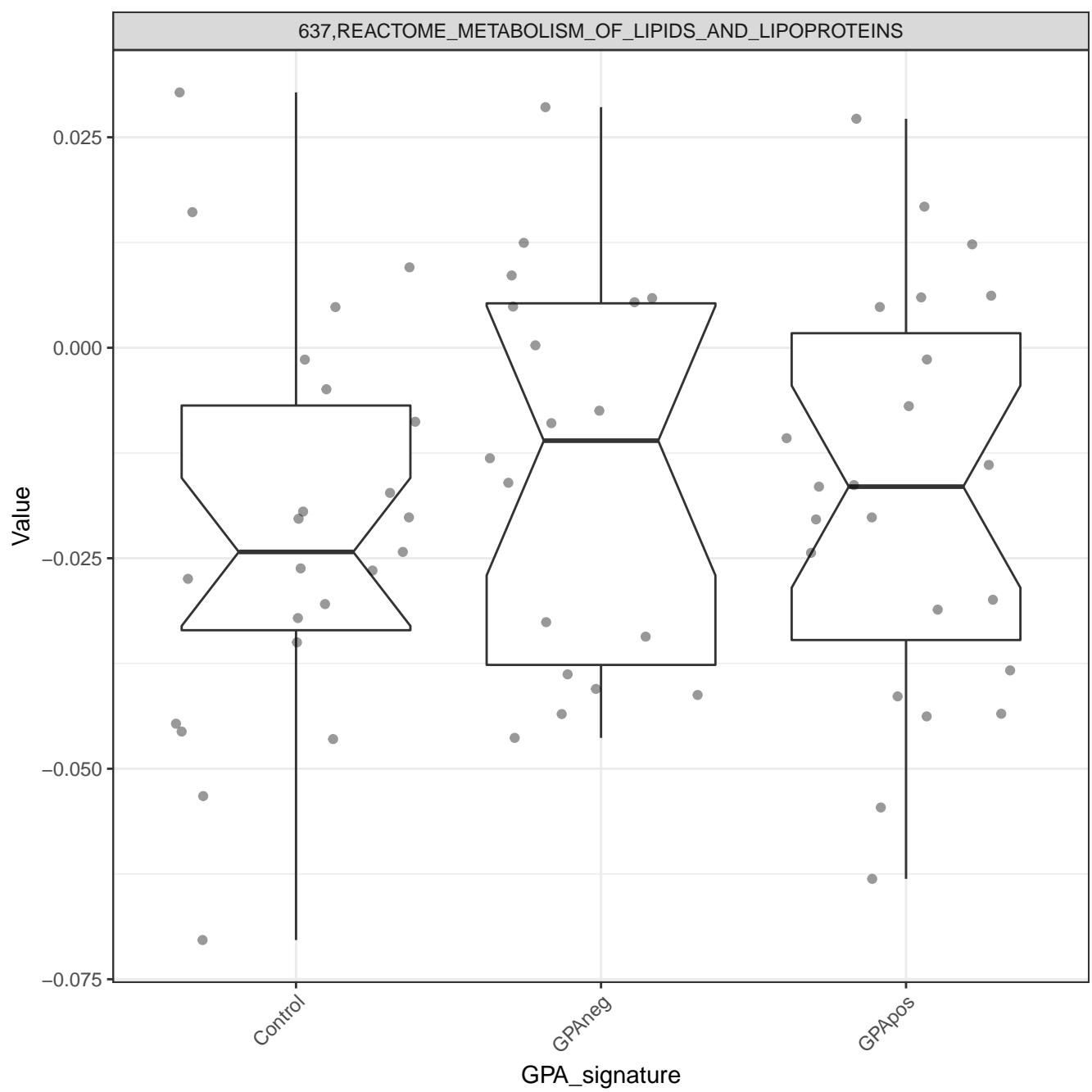
LV 635



LV 636



637,REACTOME_METABOLISM_OF_LIPIDS_AND_LIPOPROTEINS



LV 638

Value

0.08

0.04

0.00

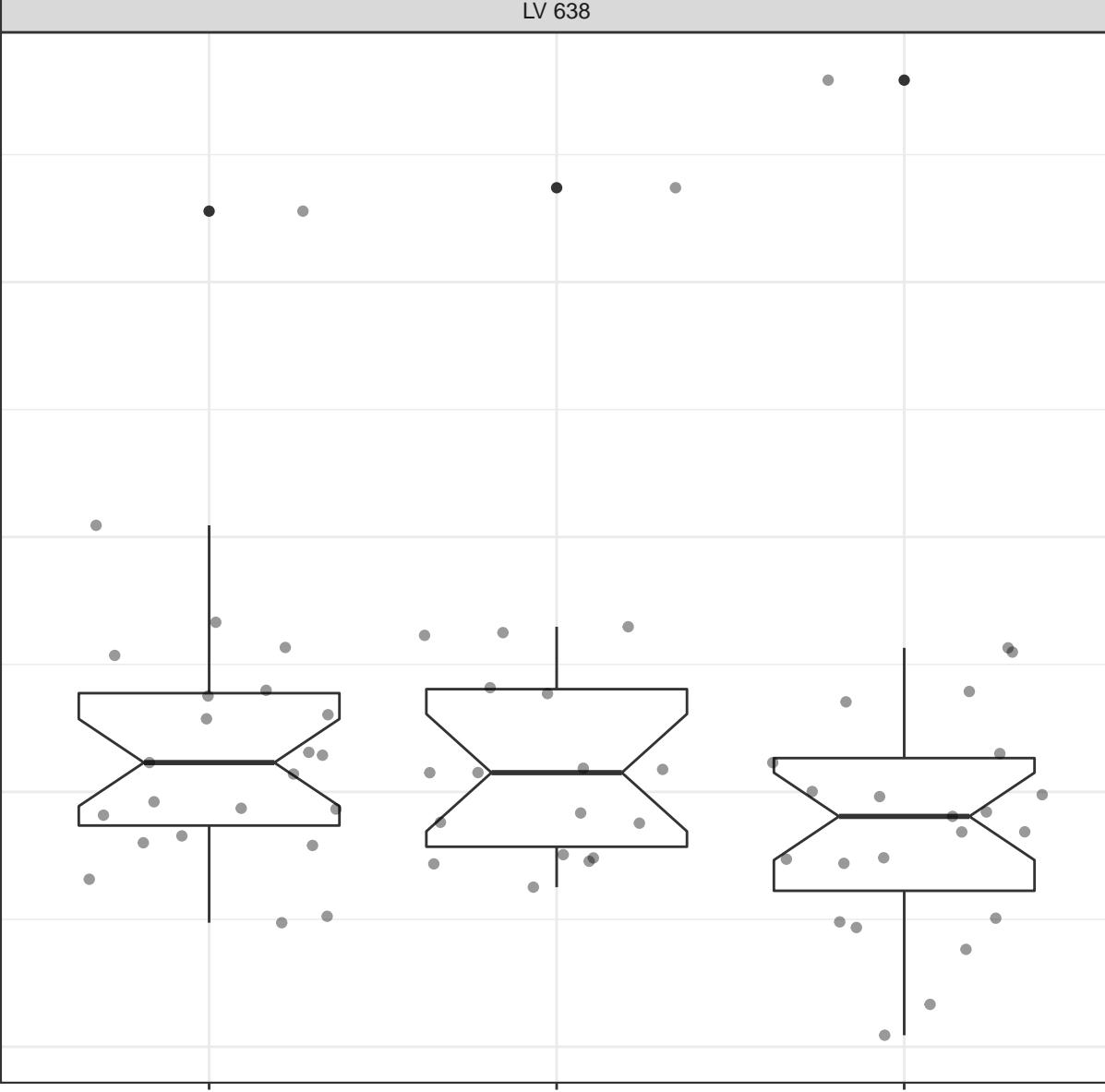
-0.04

Control

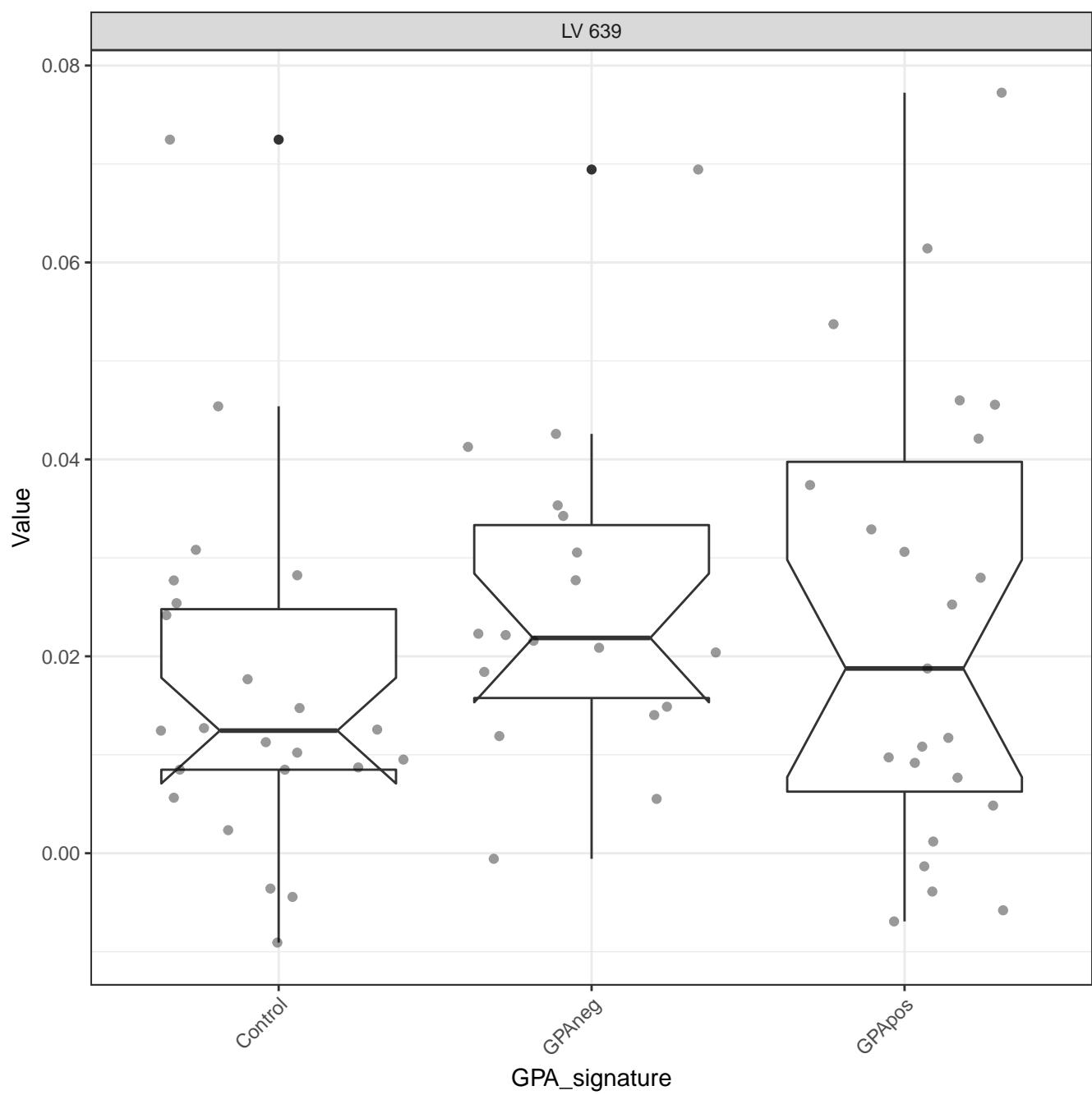
GPA_signature

GPAneg

GPApos



LV 639



LV 640

Value

0.00

-0.04

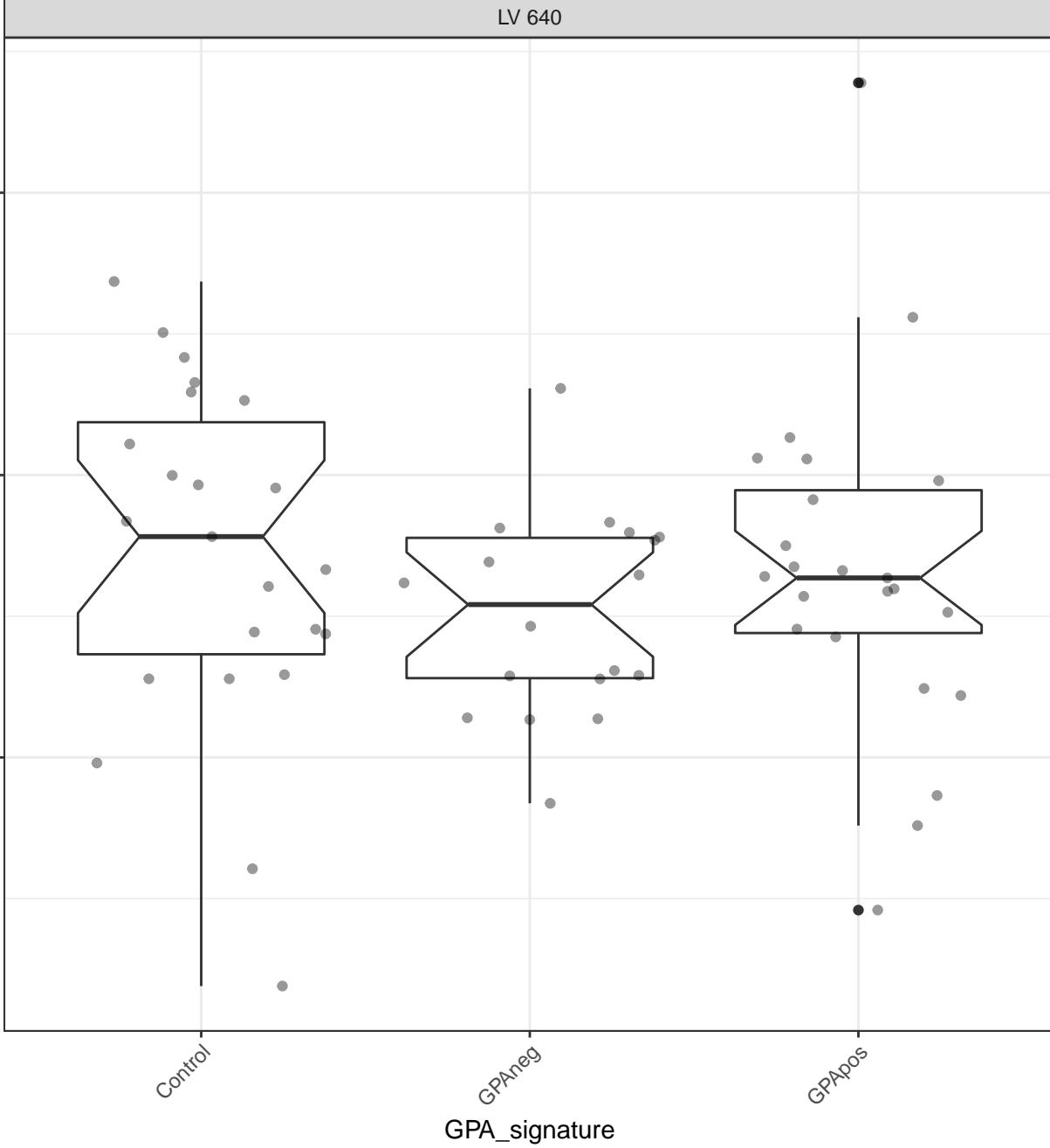
-0.08

Control

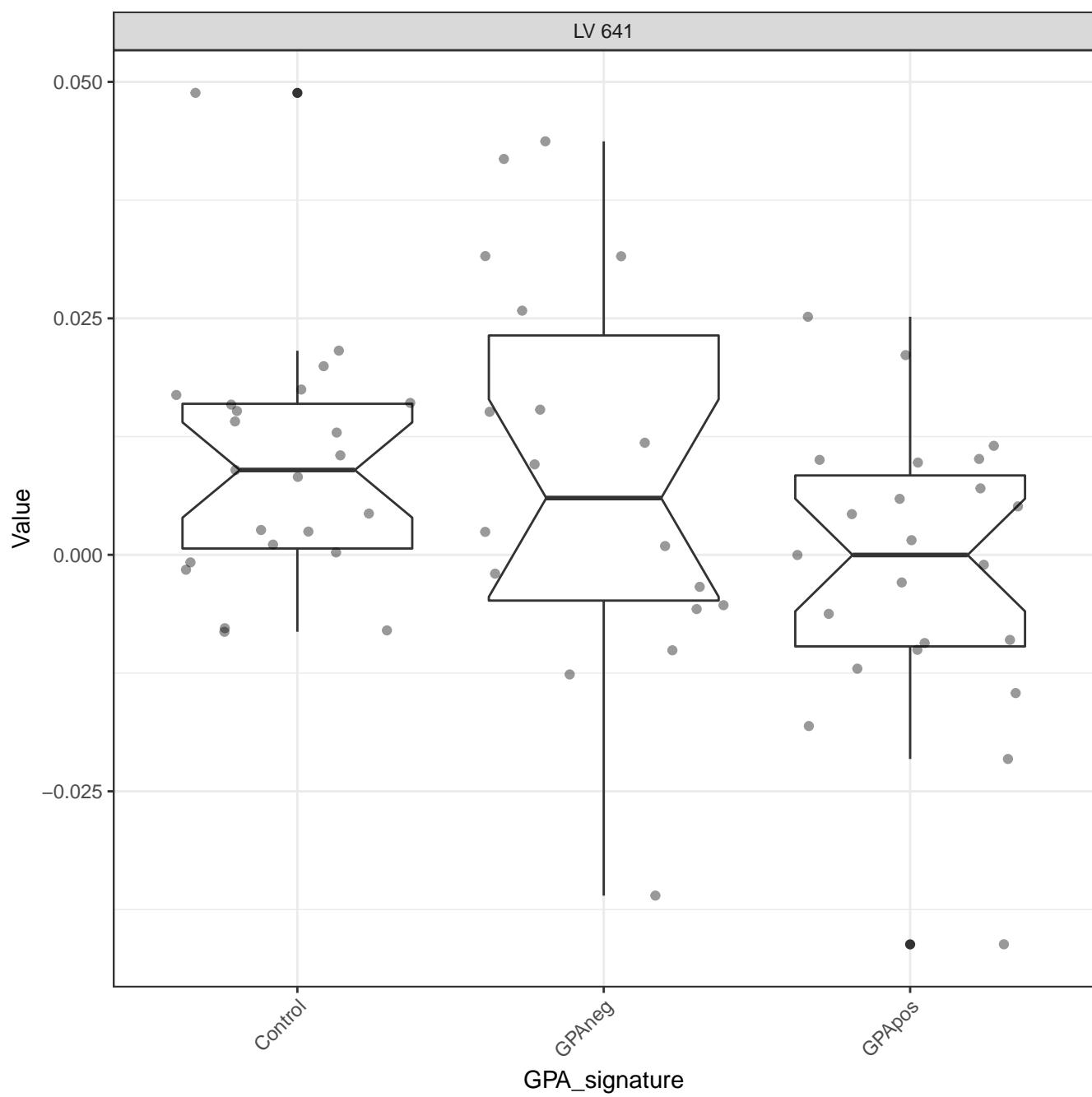
GPA_signature

GPAneg

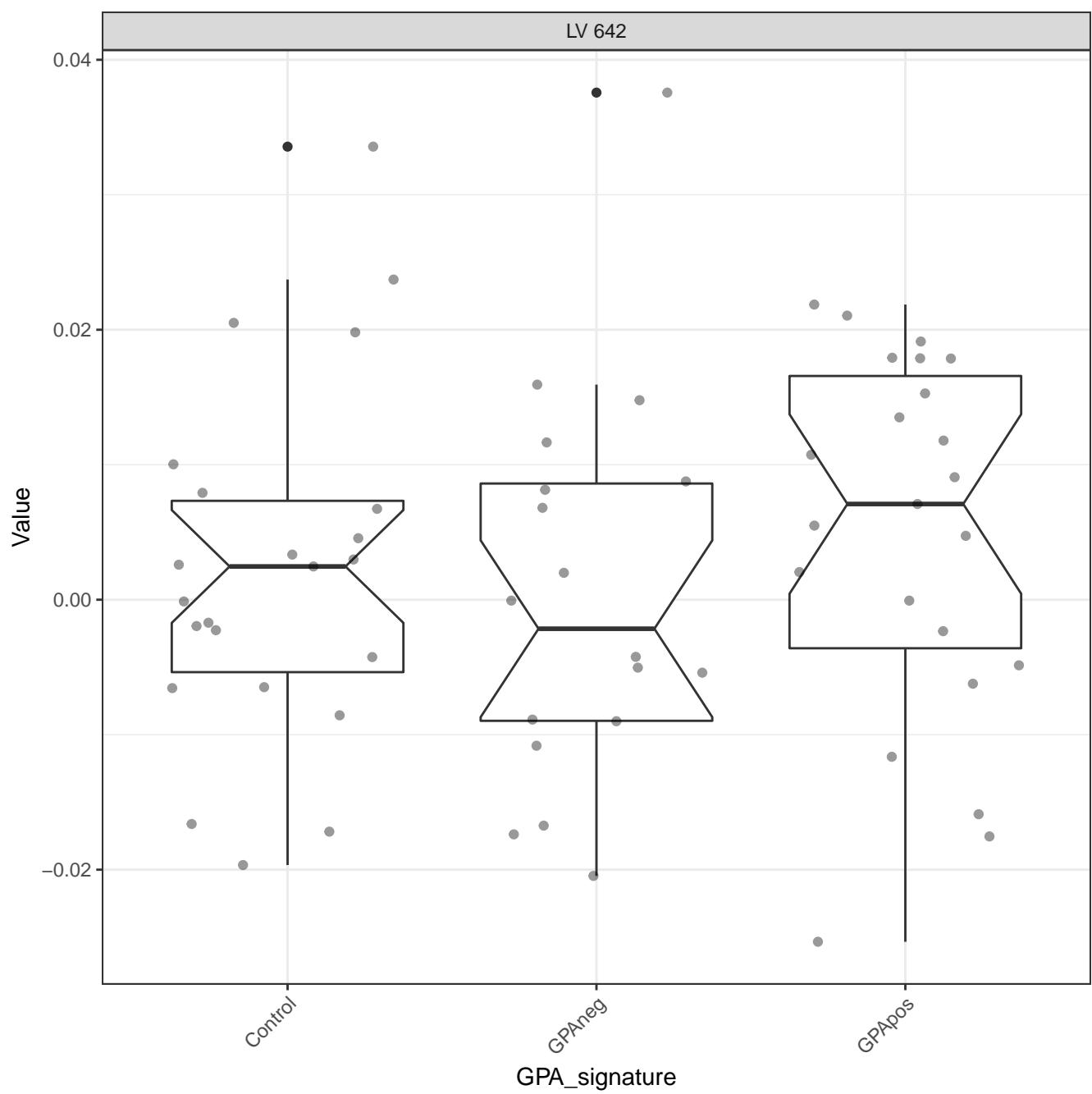
GPApos



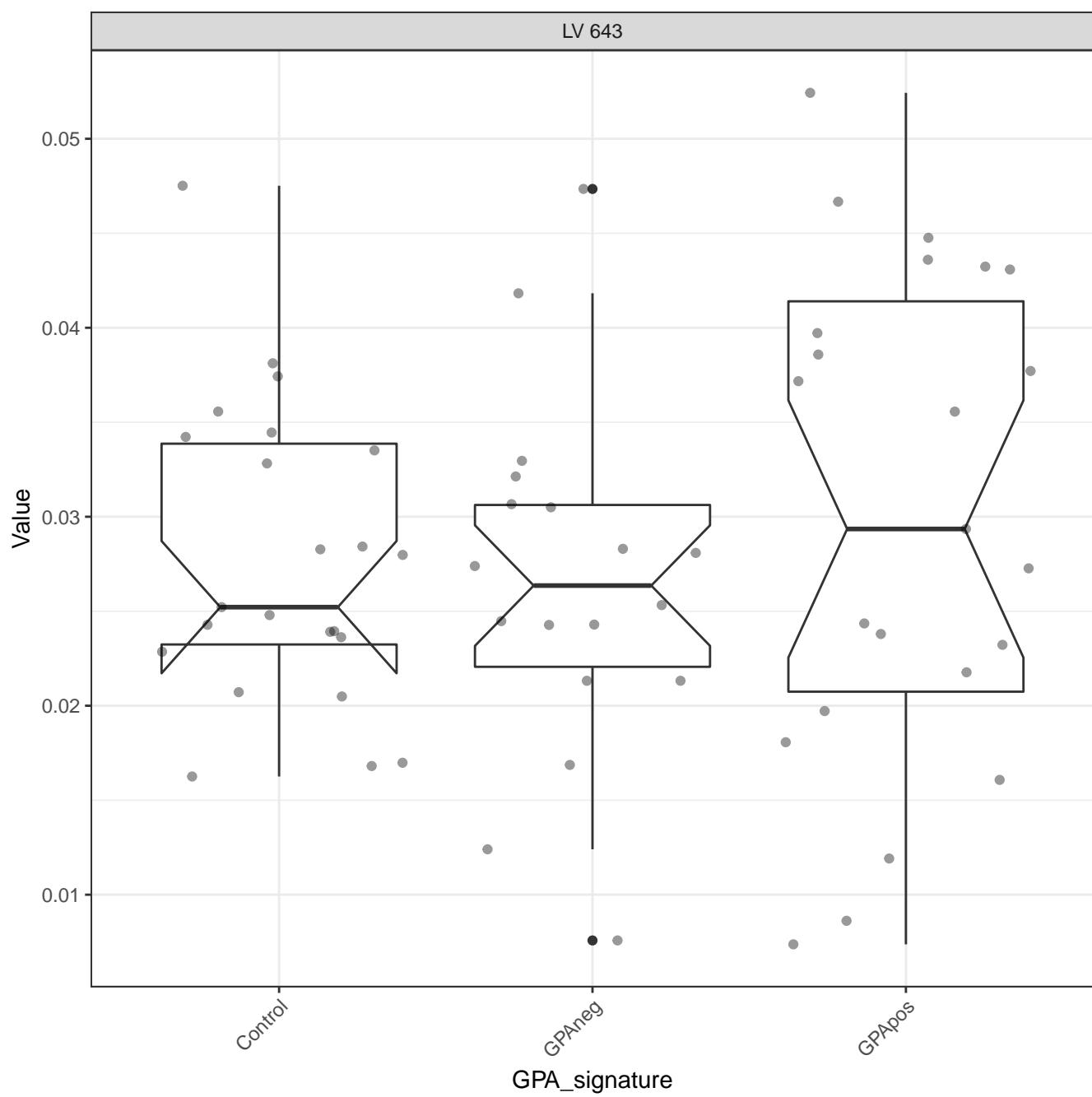
LV 641

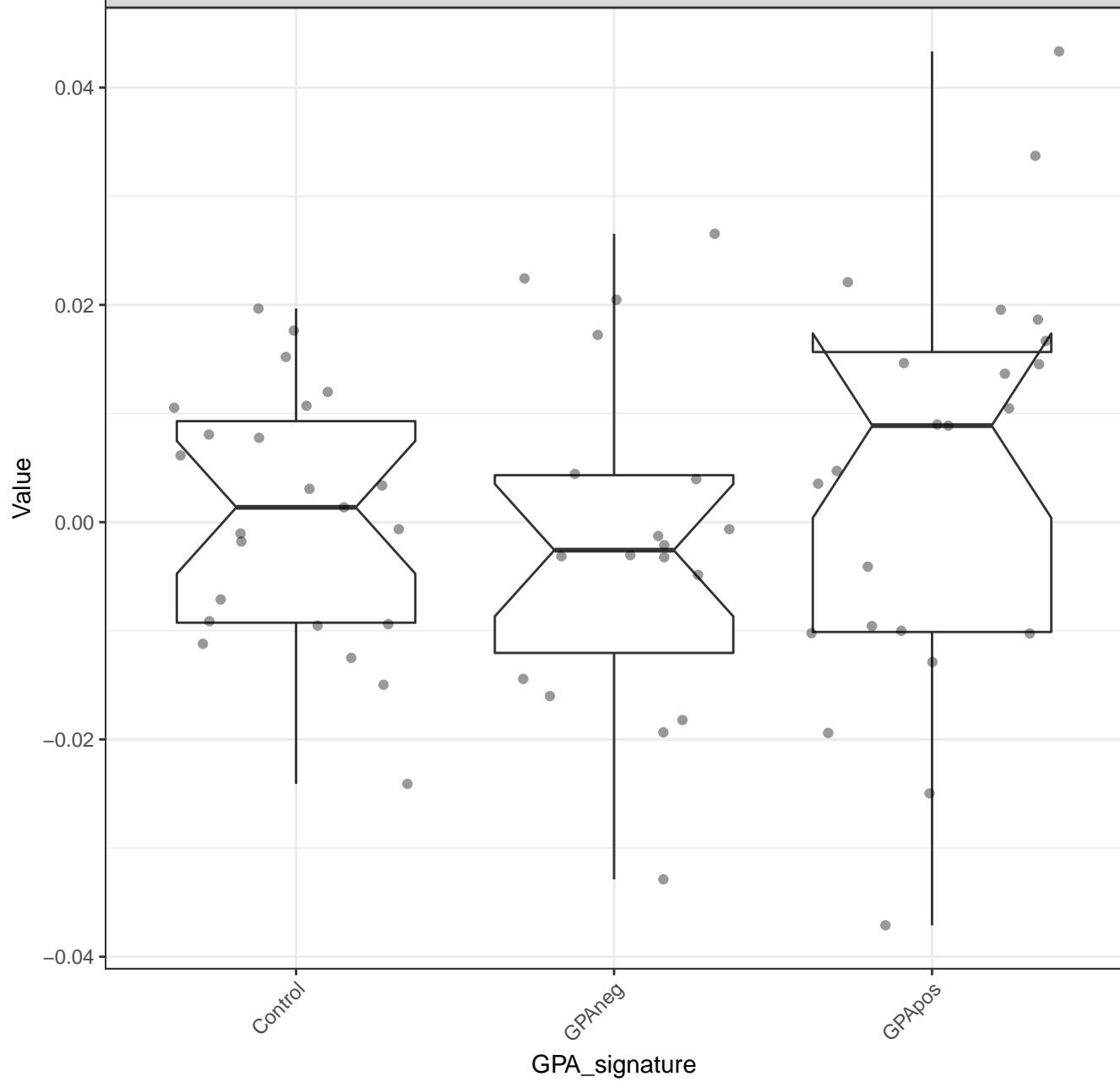


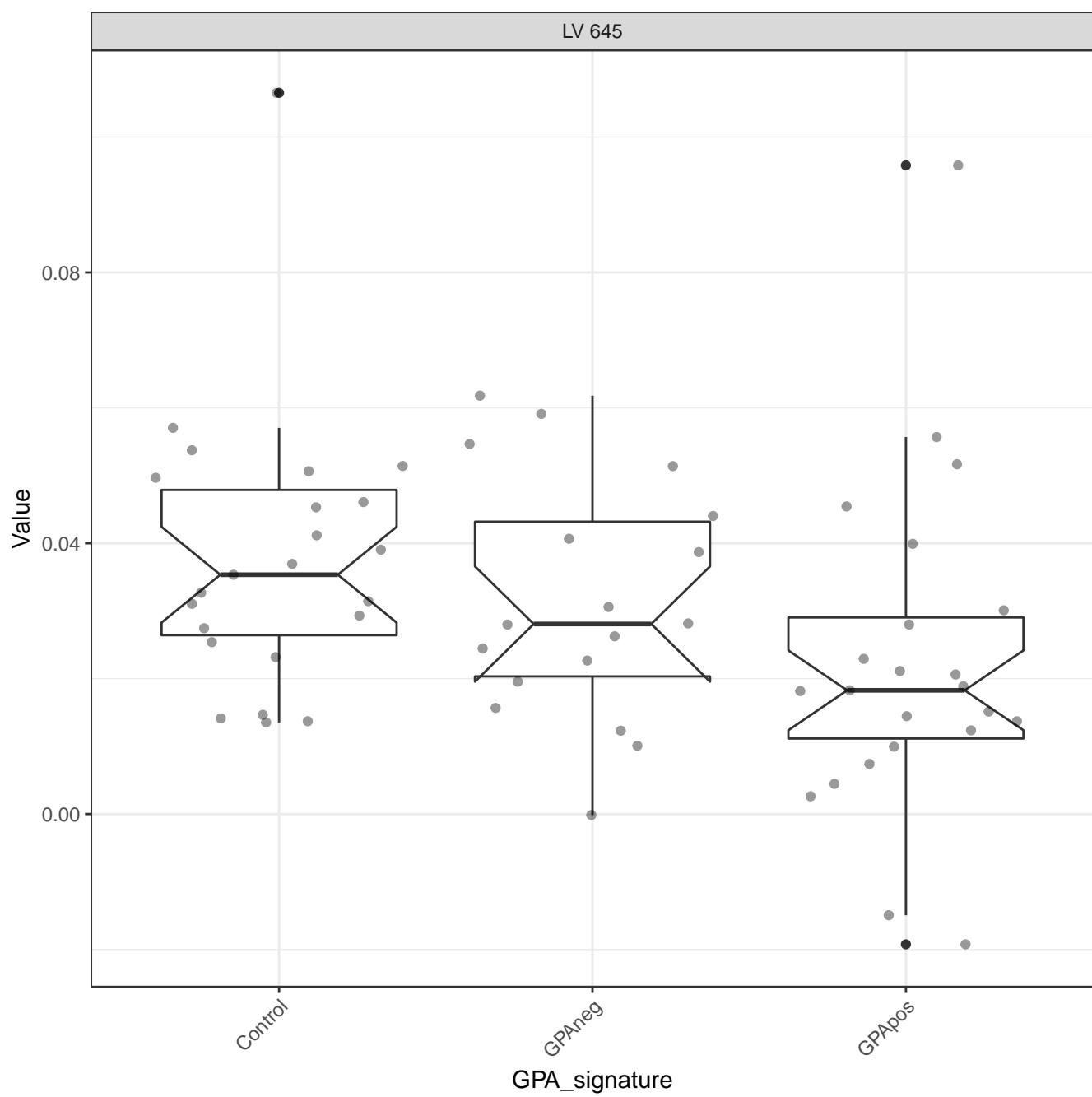
LV 642



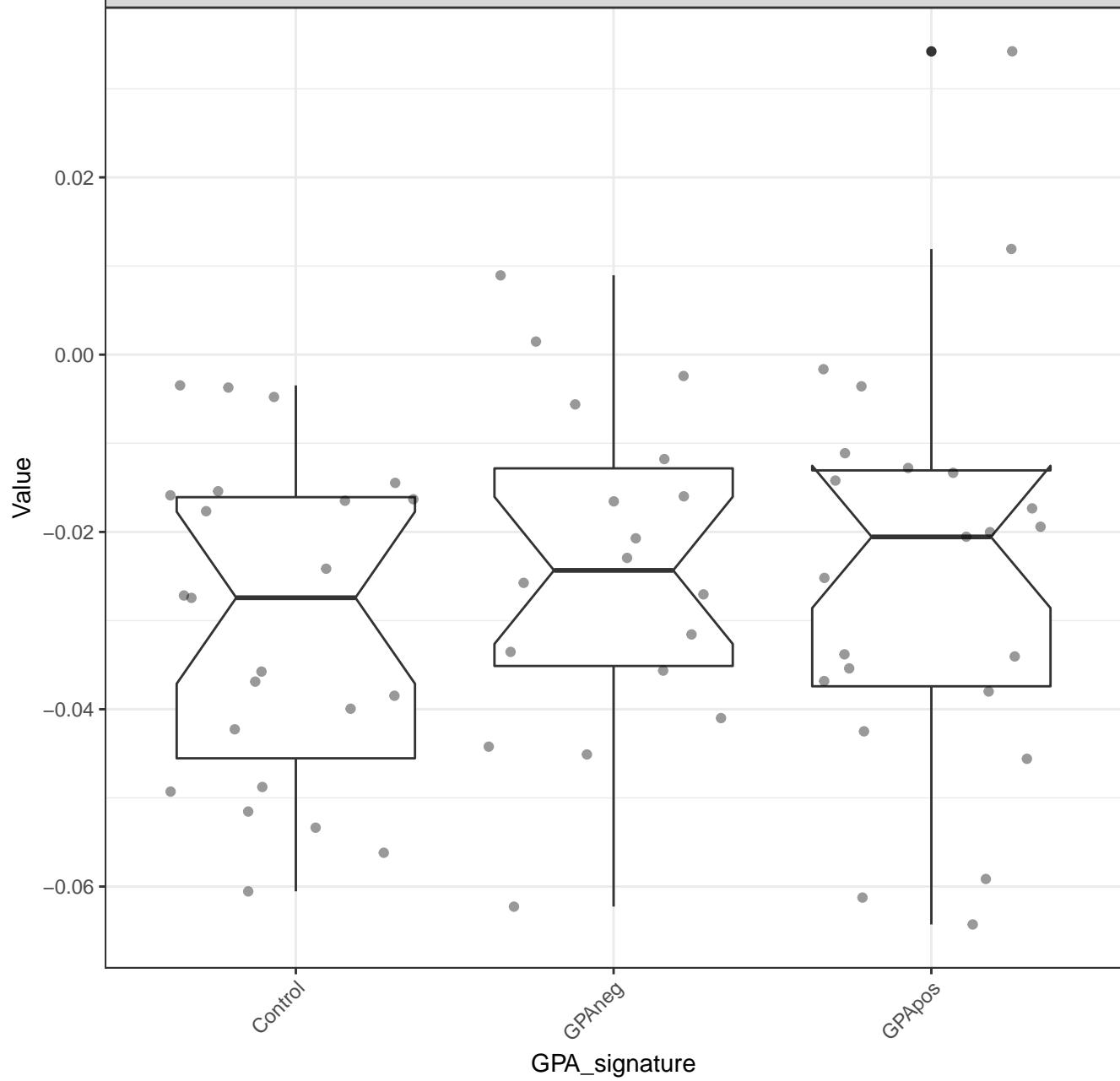
LV 643







LV 646



LV 647

Value

0.05

0.00

-0.05

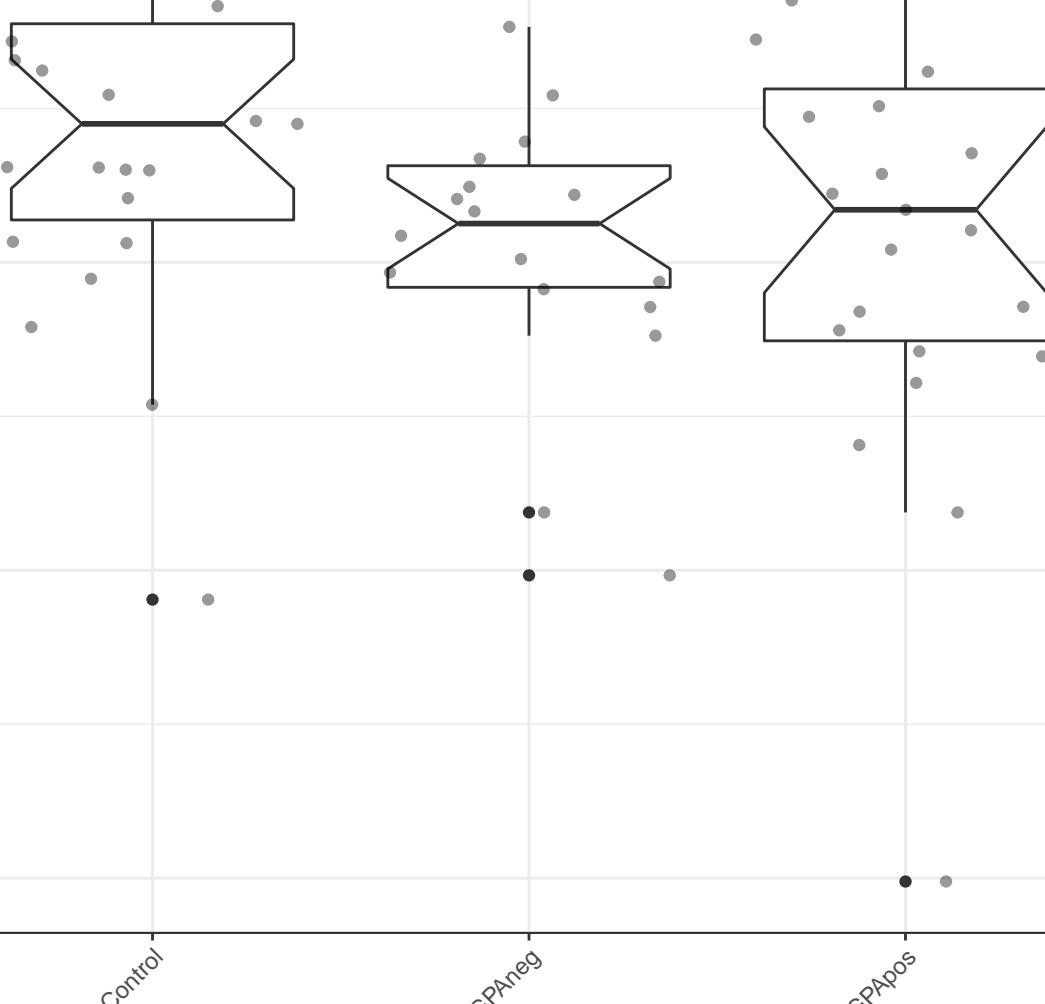
-0.10

Control

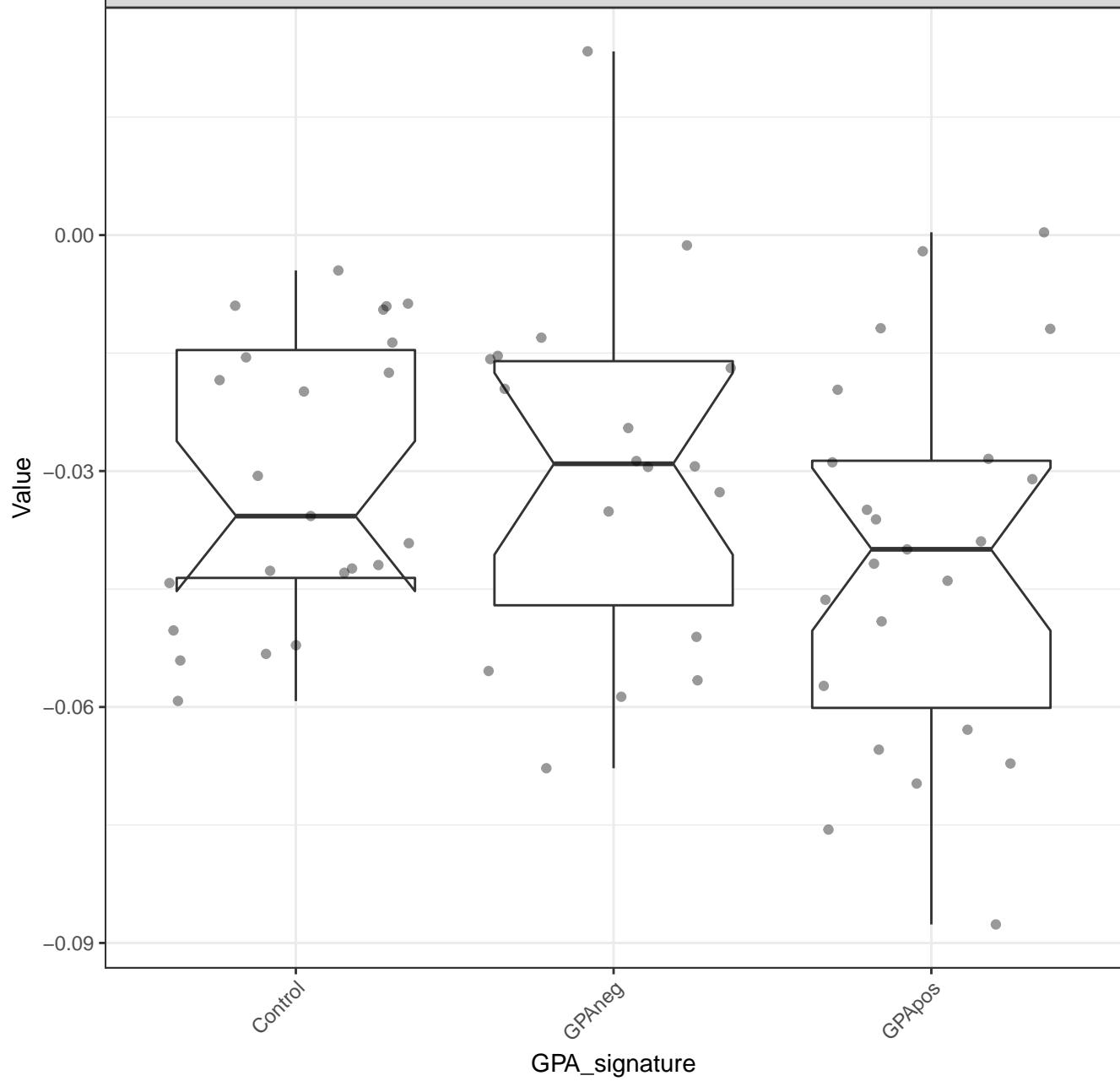
GPA_signature

GPAneg

GPAPos

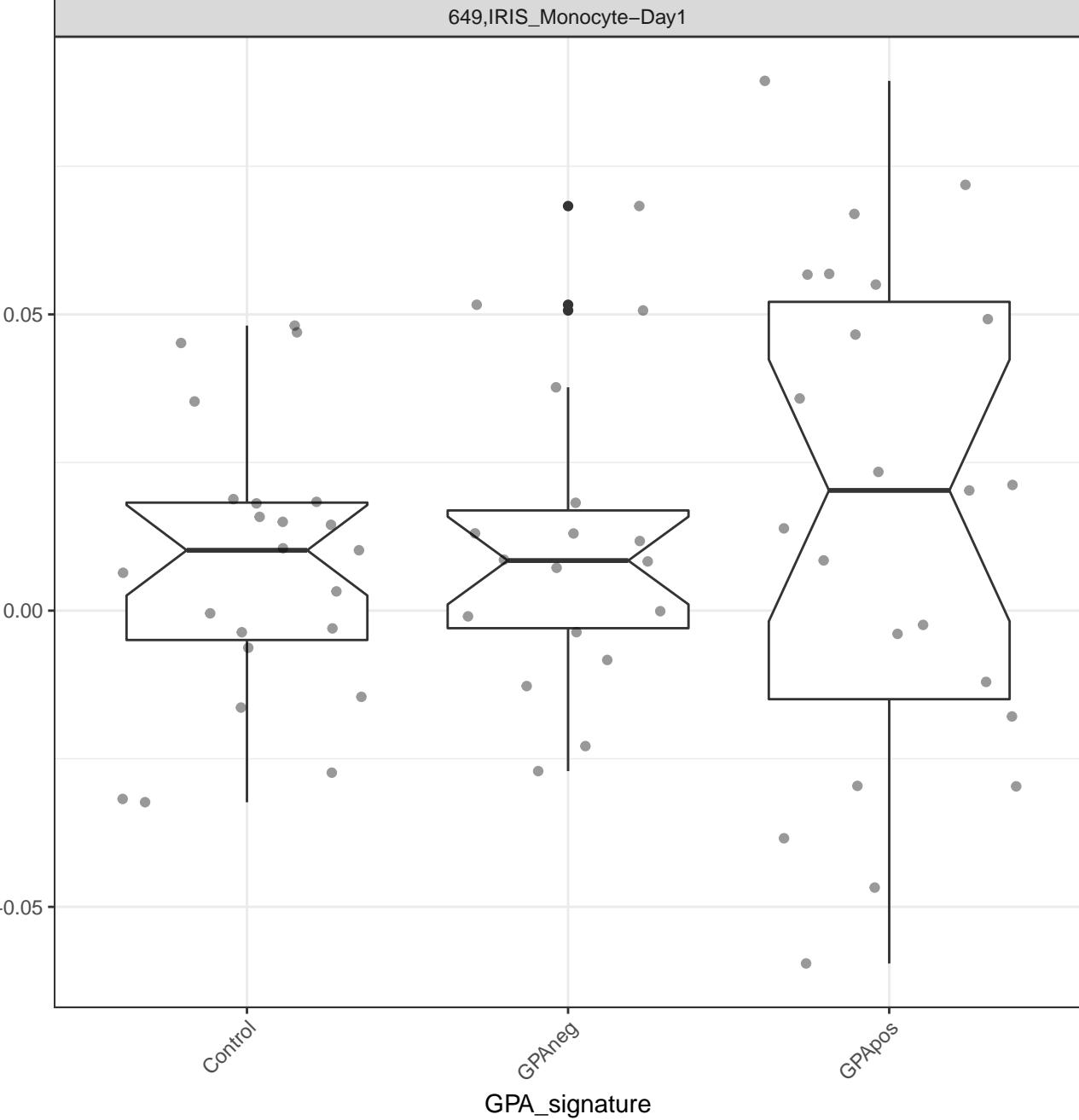


LV 648



649,IRIS_Monocyte–Day1

Value



LV 650

Value

0.05

0.00

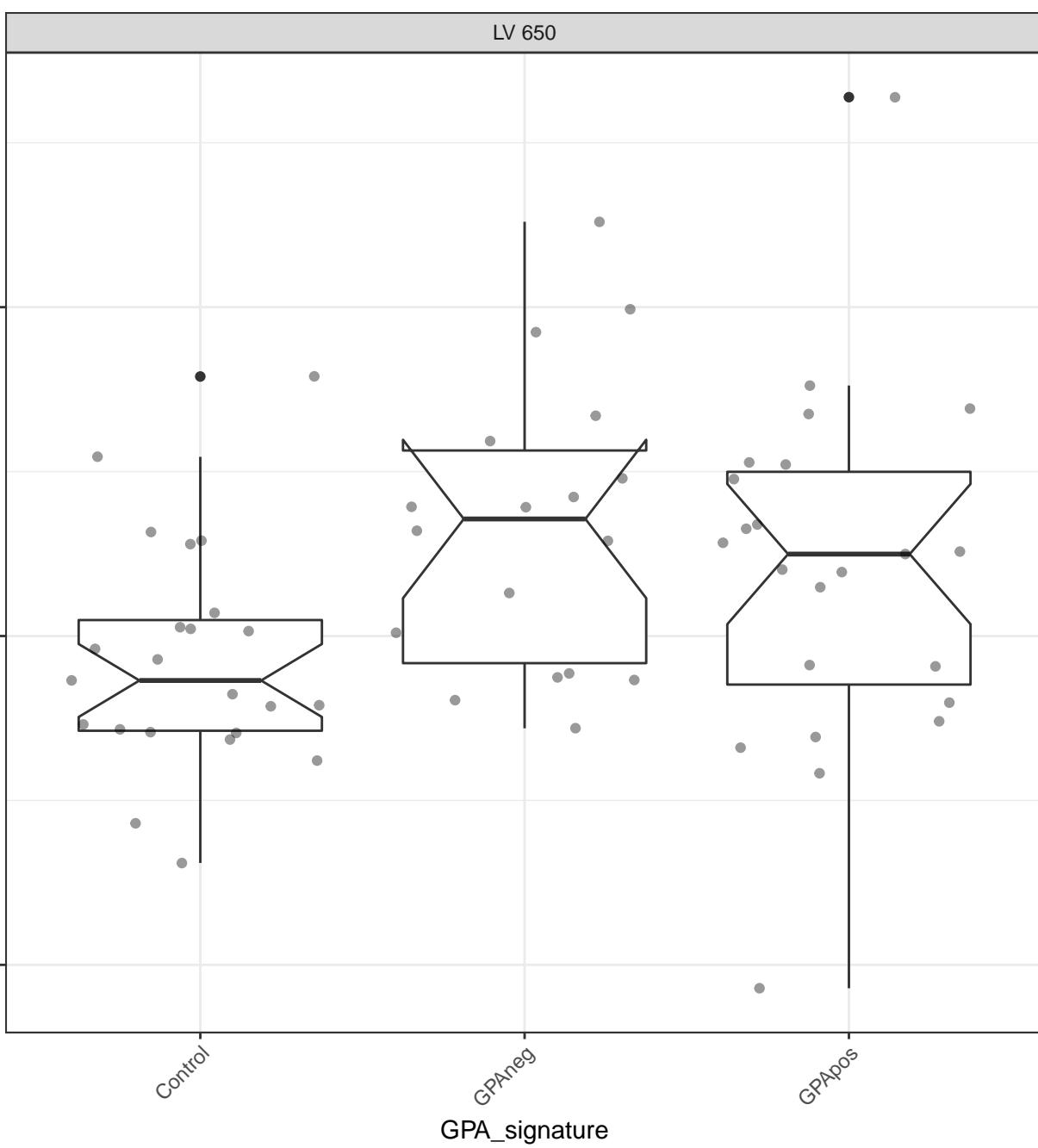
-0.05

Control

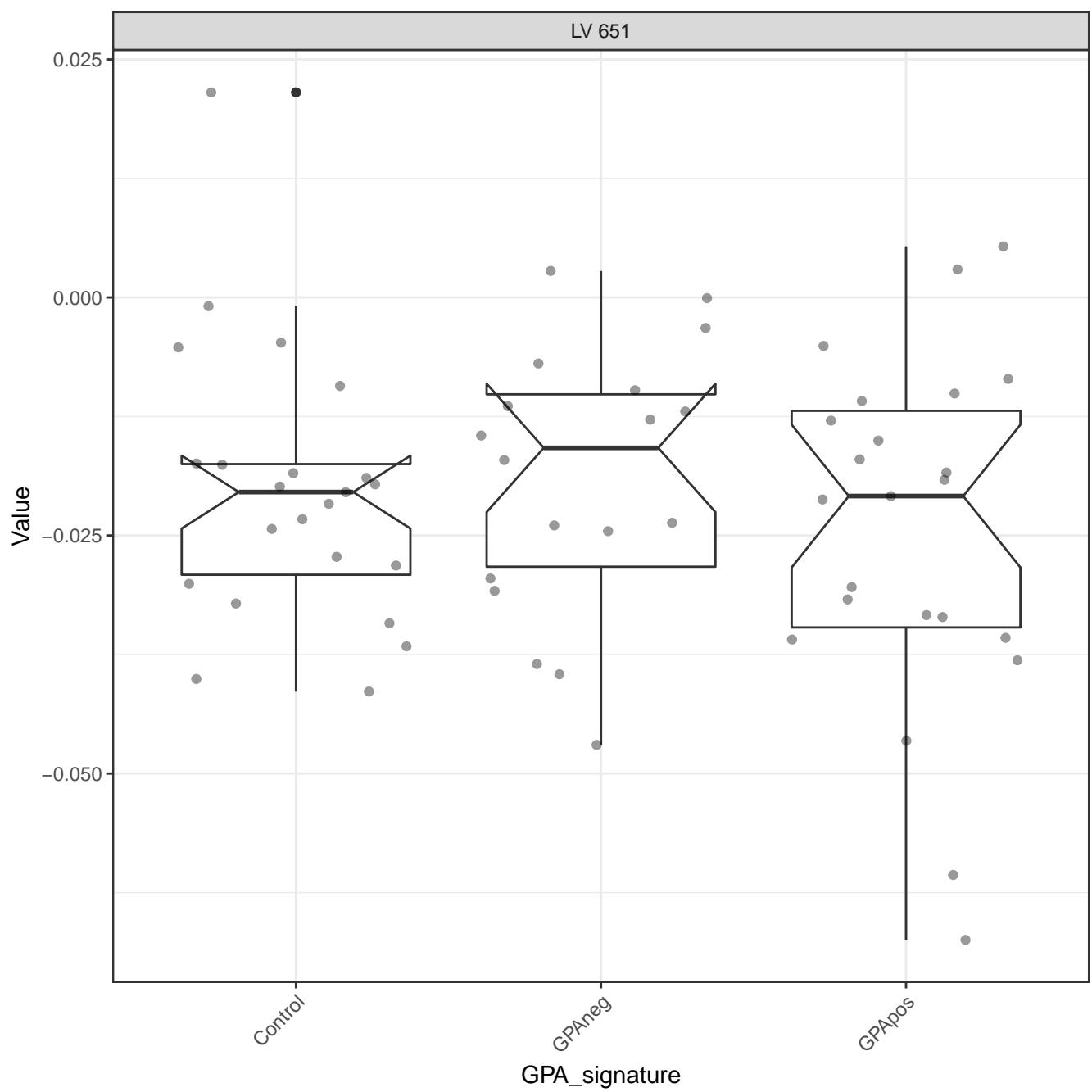
GPA_signature

GPAneg

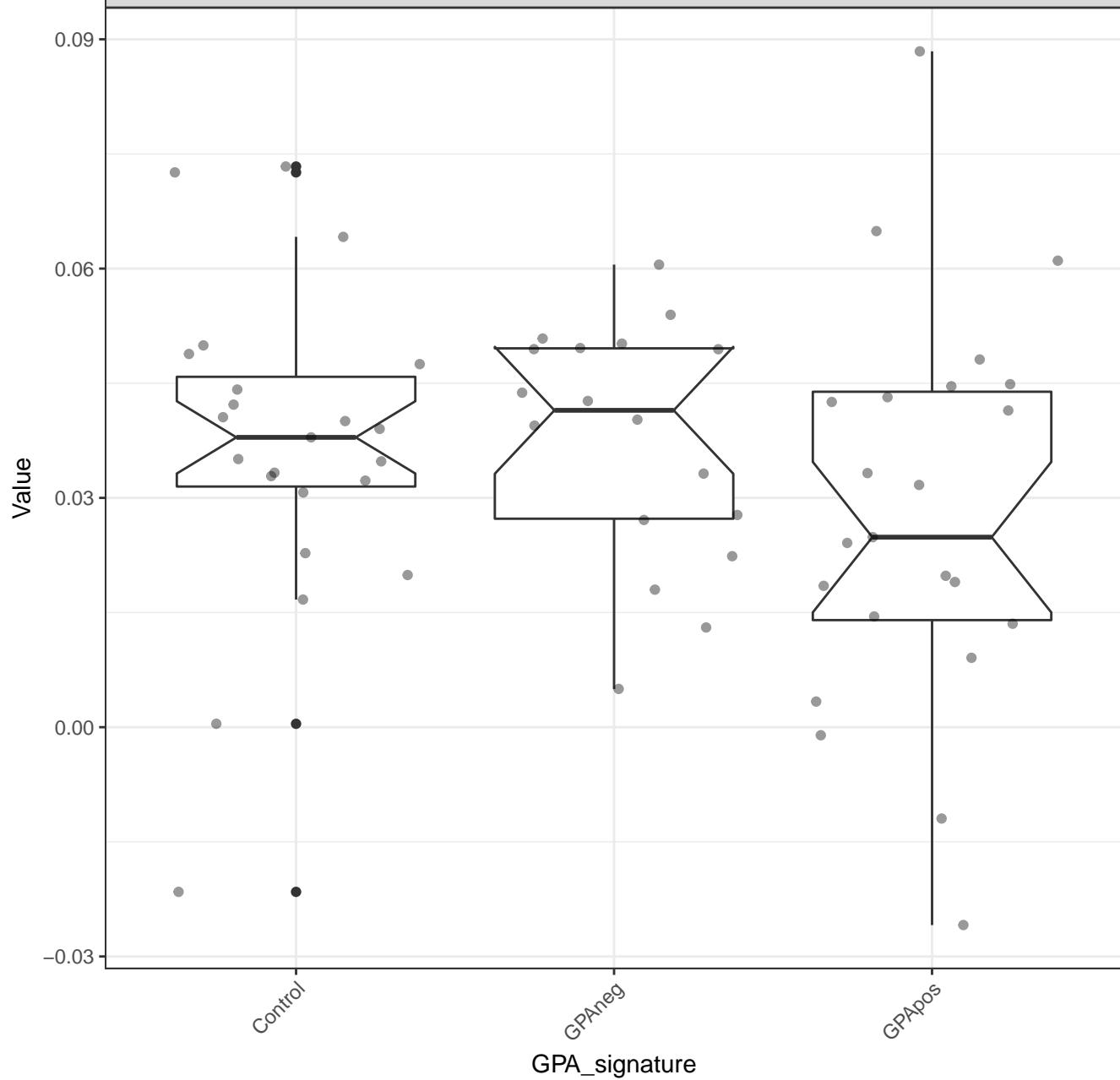
GPApos



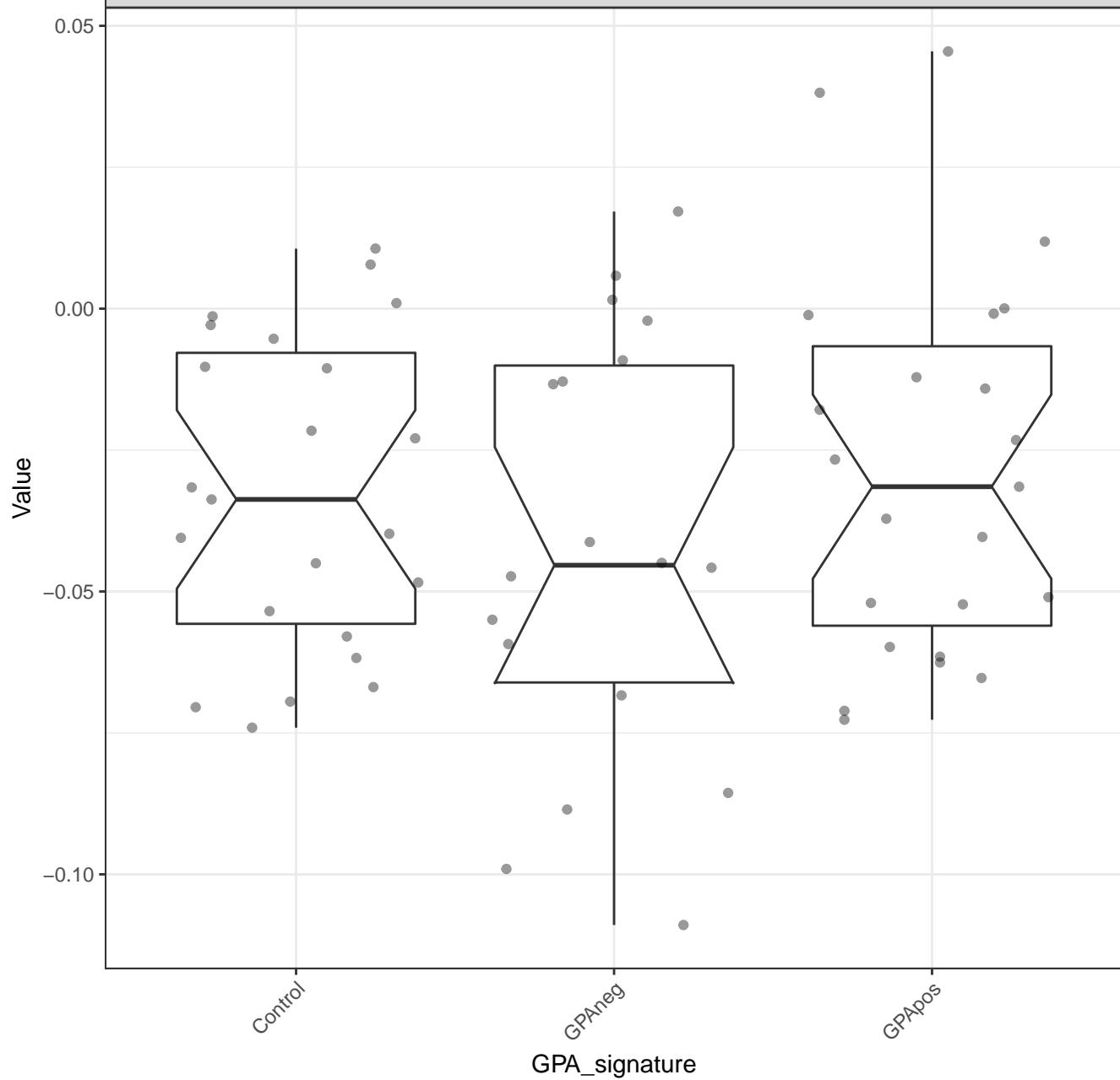
LV 651



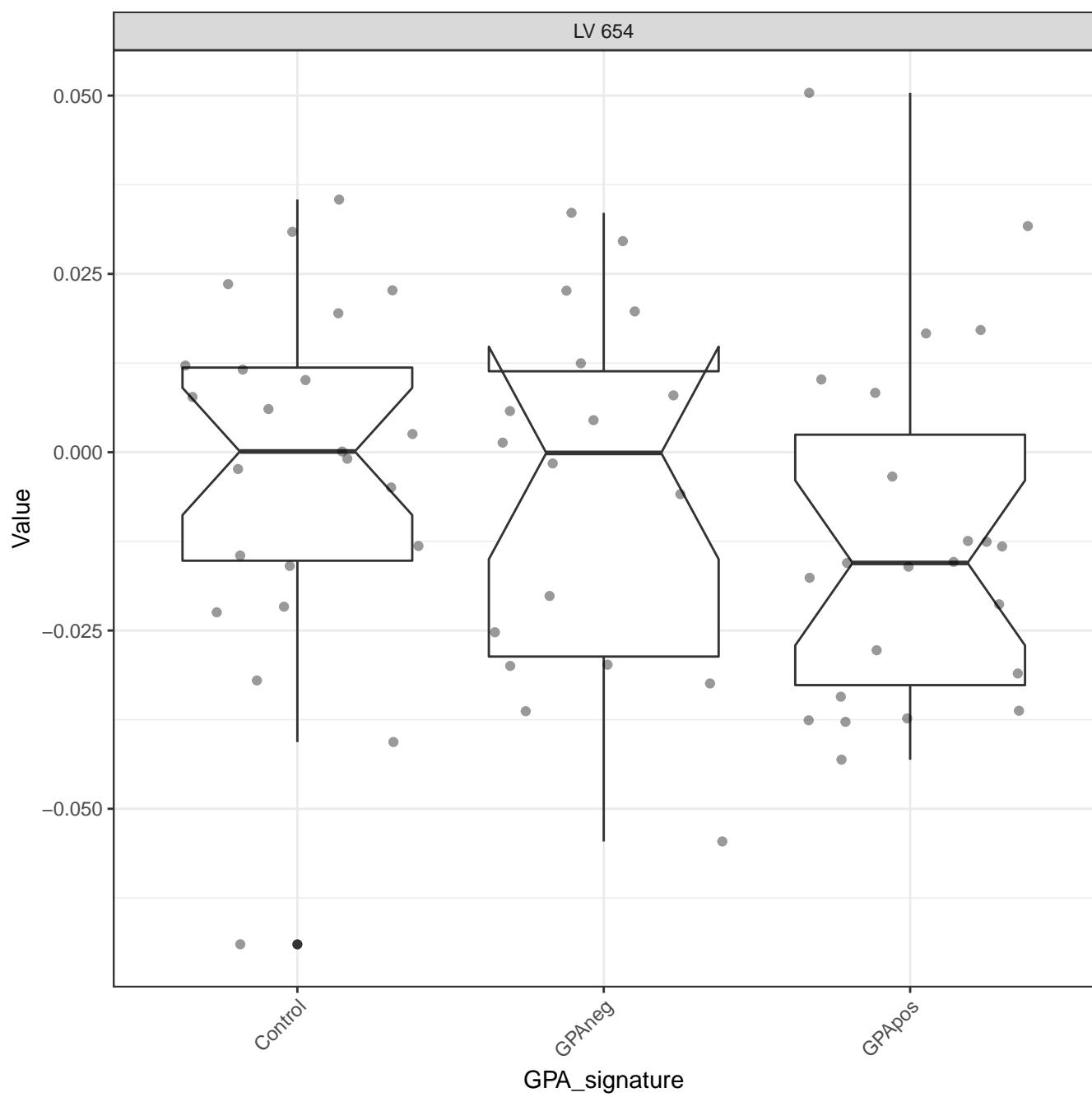
LV 652



LV 653



LV 654



LV 655

Value

0.025

0.000

-0.025

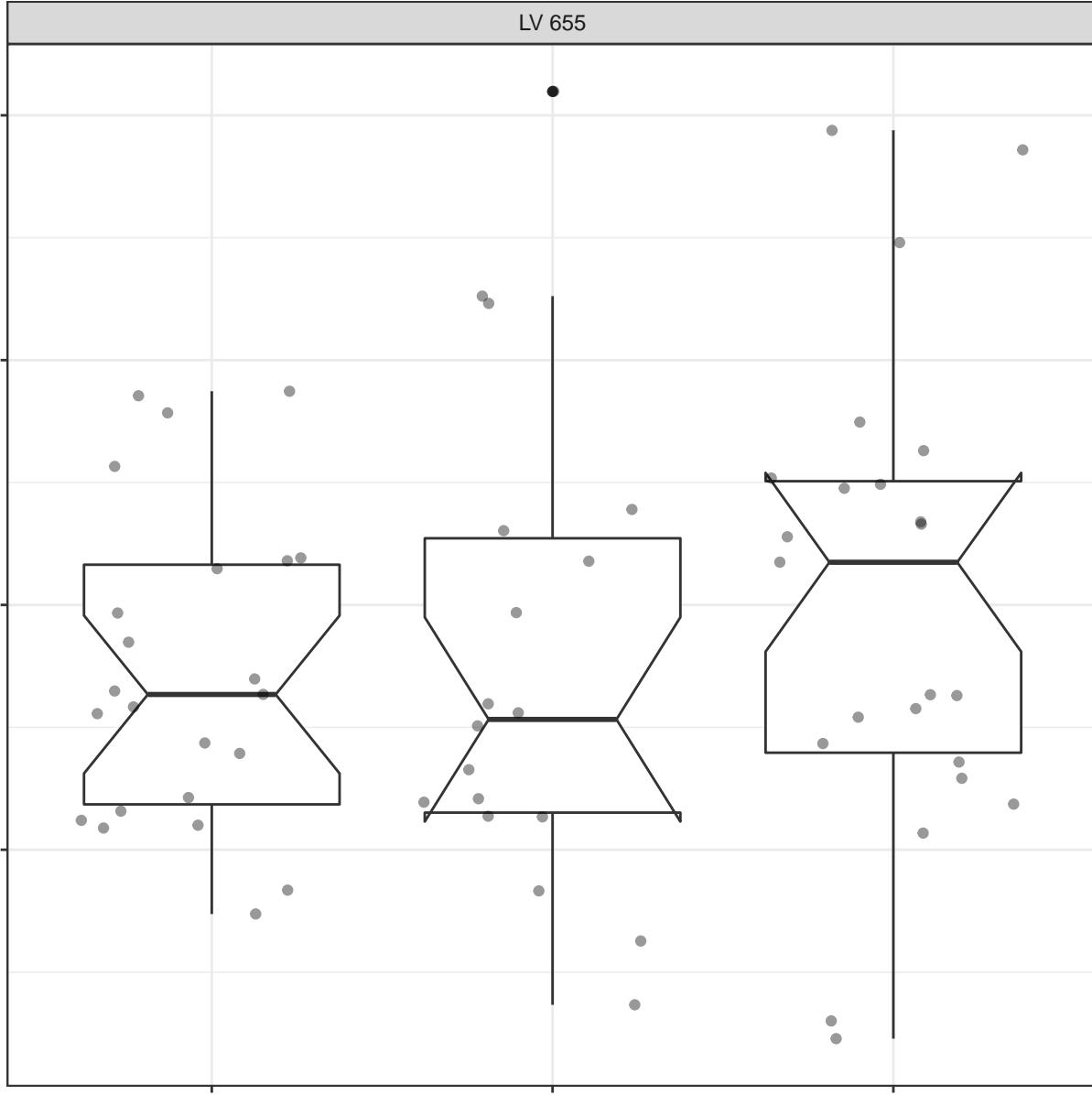
-0.050

Control

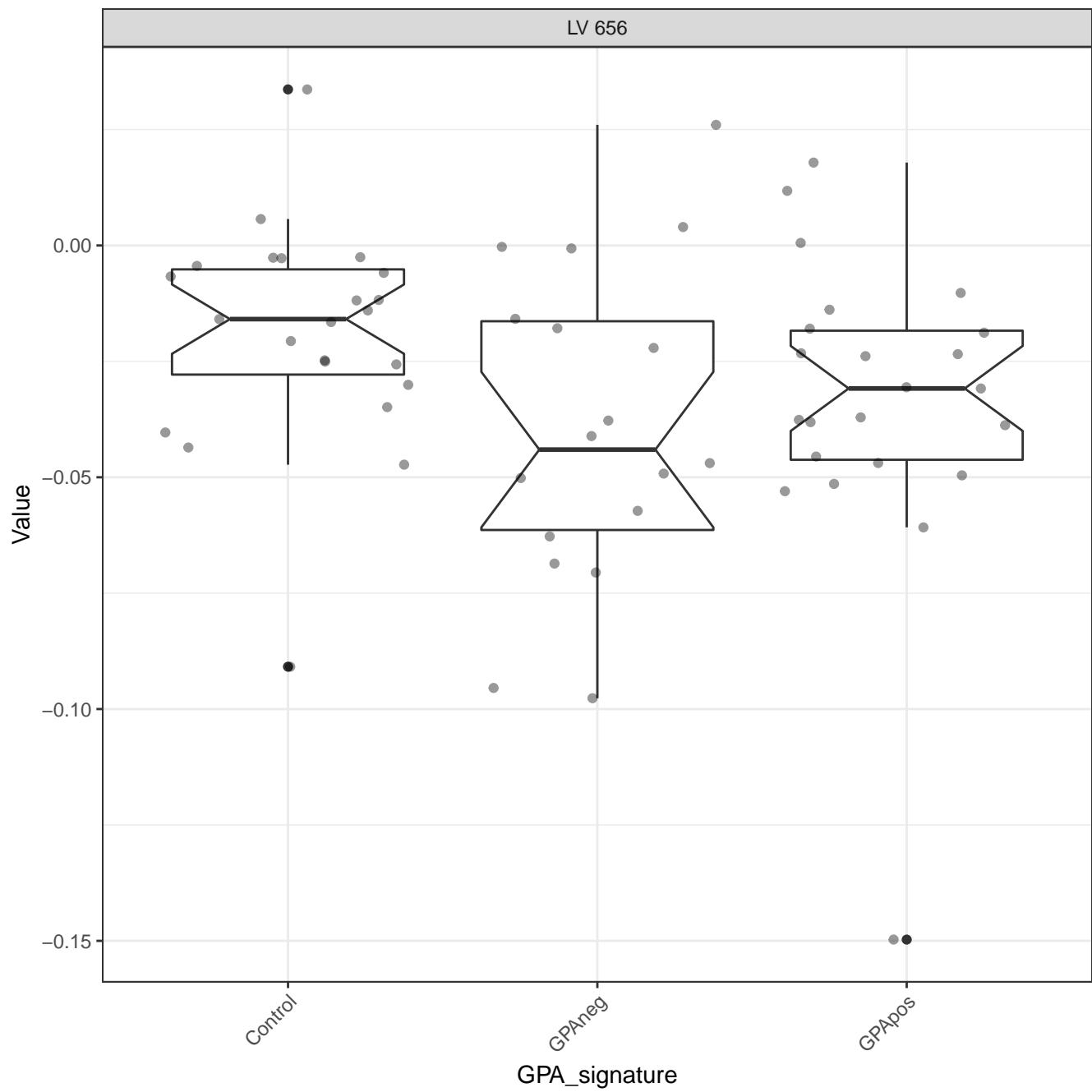
GPA_signature

GPAneg

GPAPos

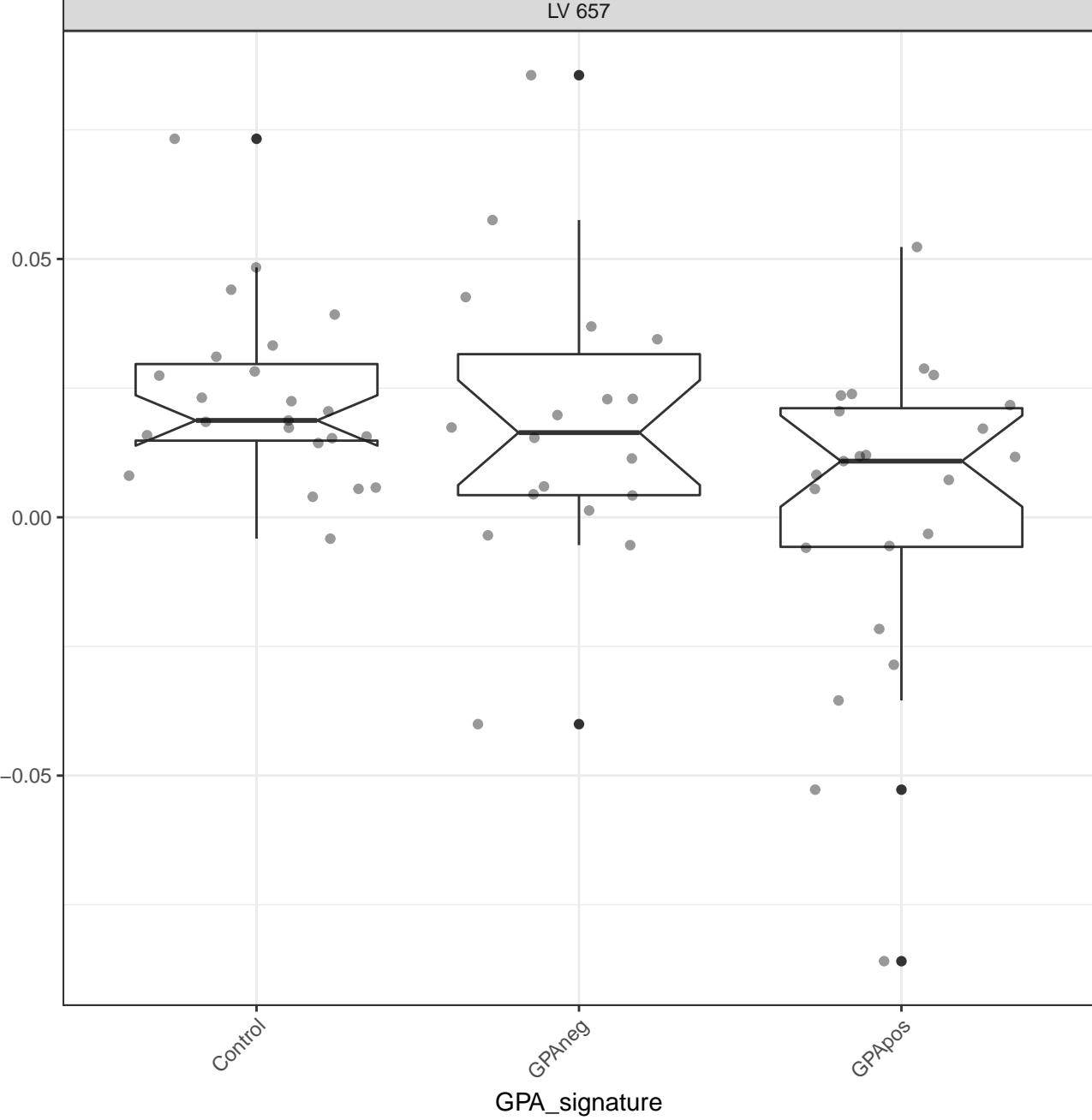


LV 656

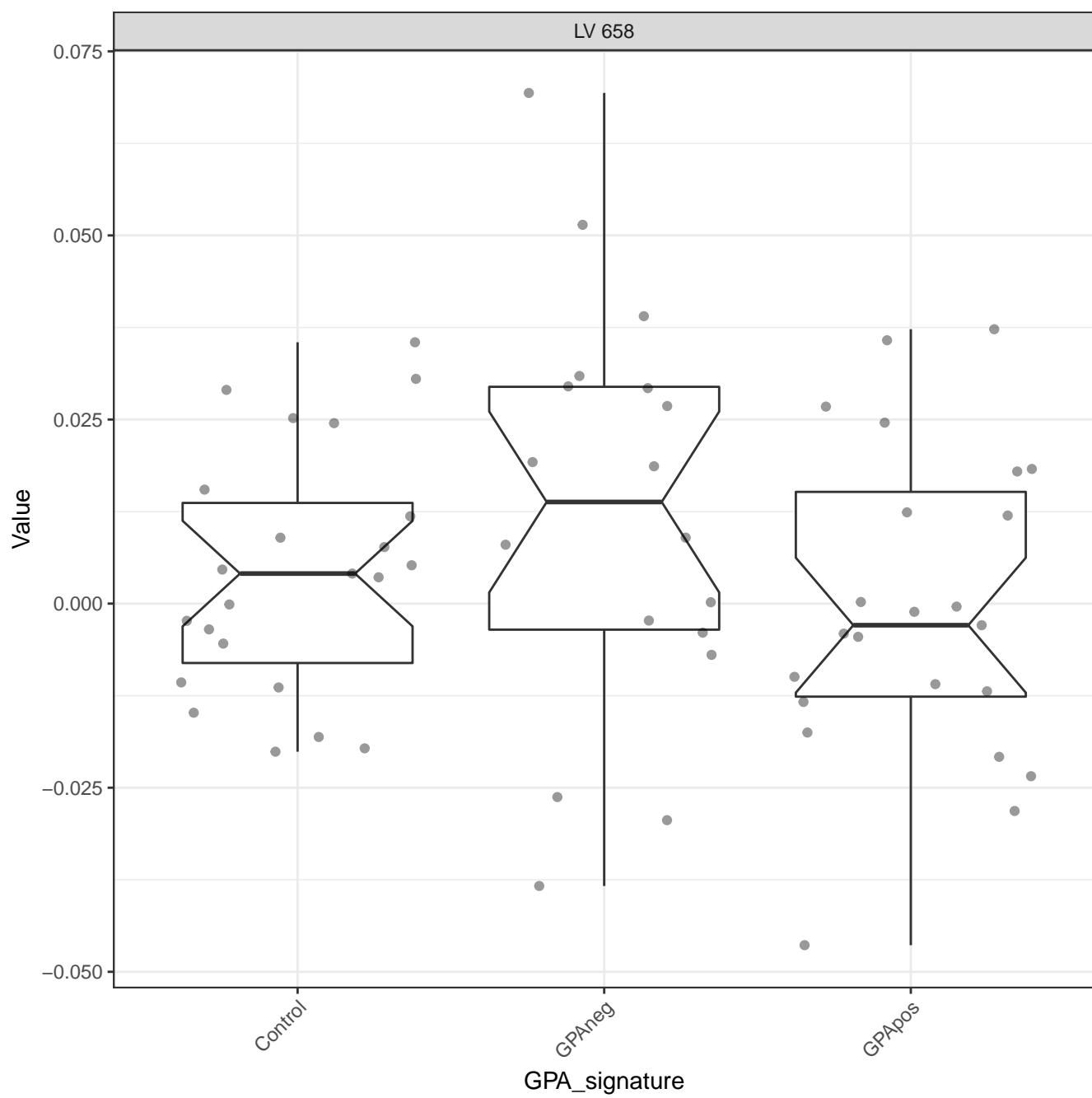


LV 657

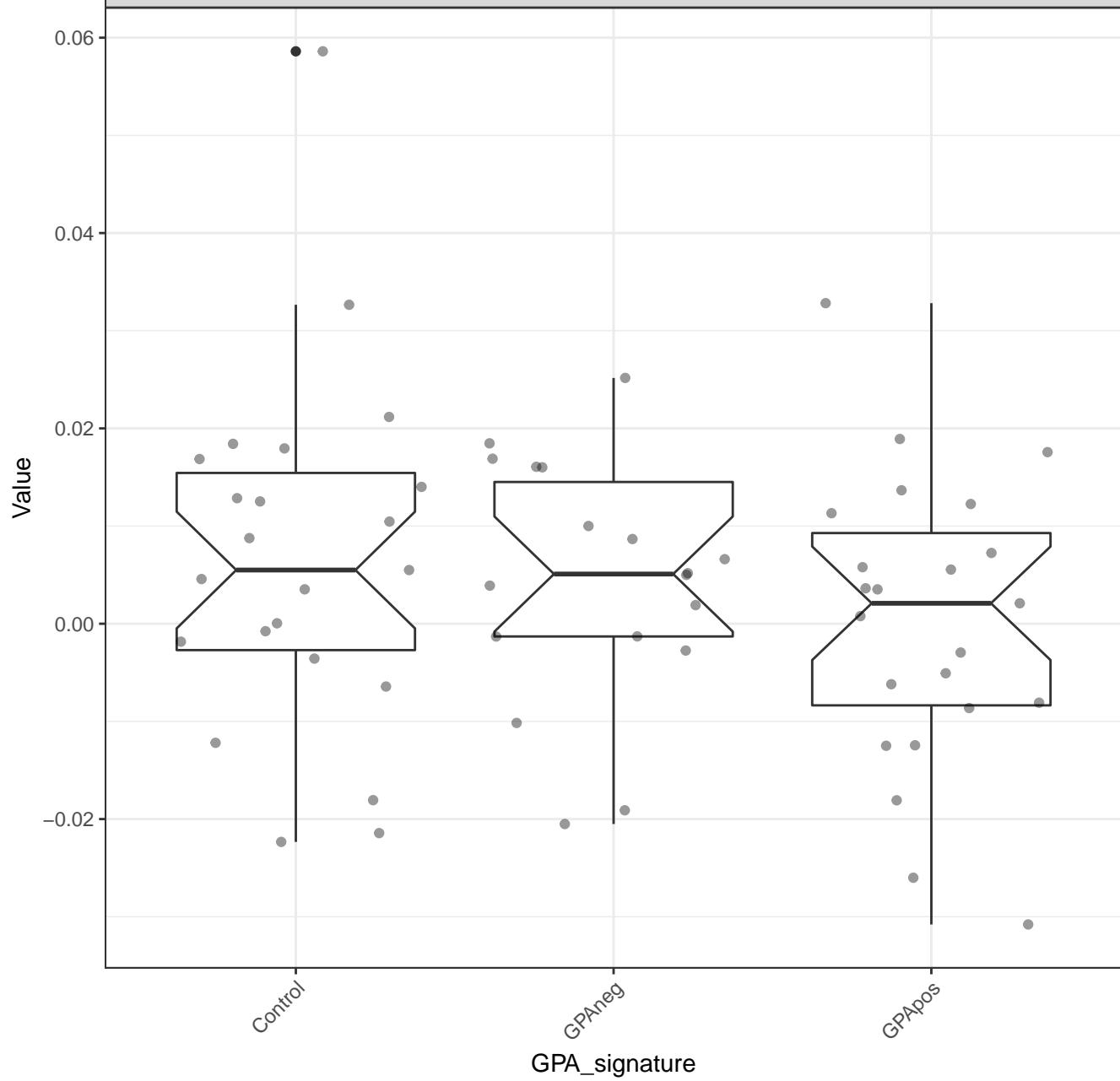
Value



LV 658



LV 659



LV 660

Value

0.02

0.00

-0.02

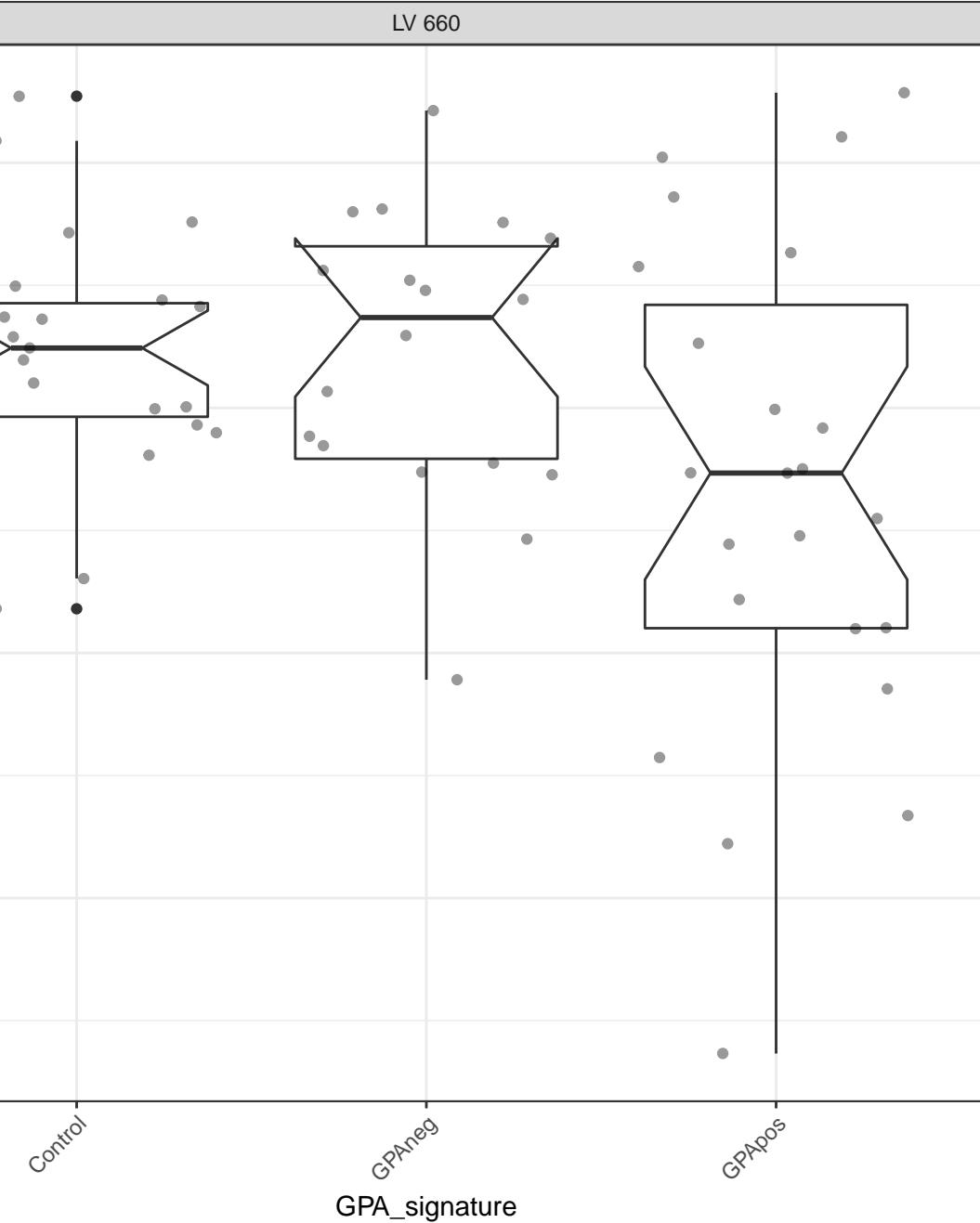
-0.04

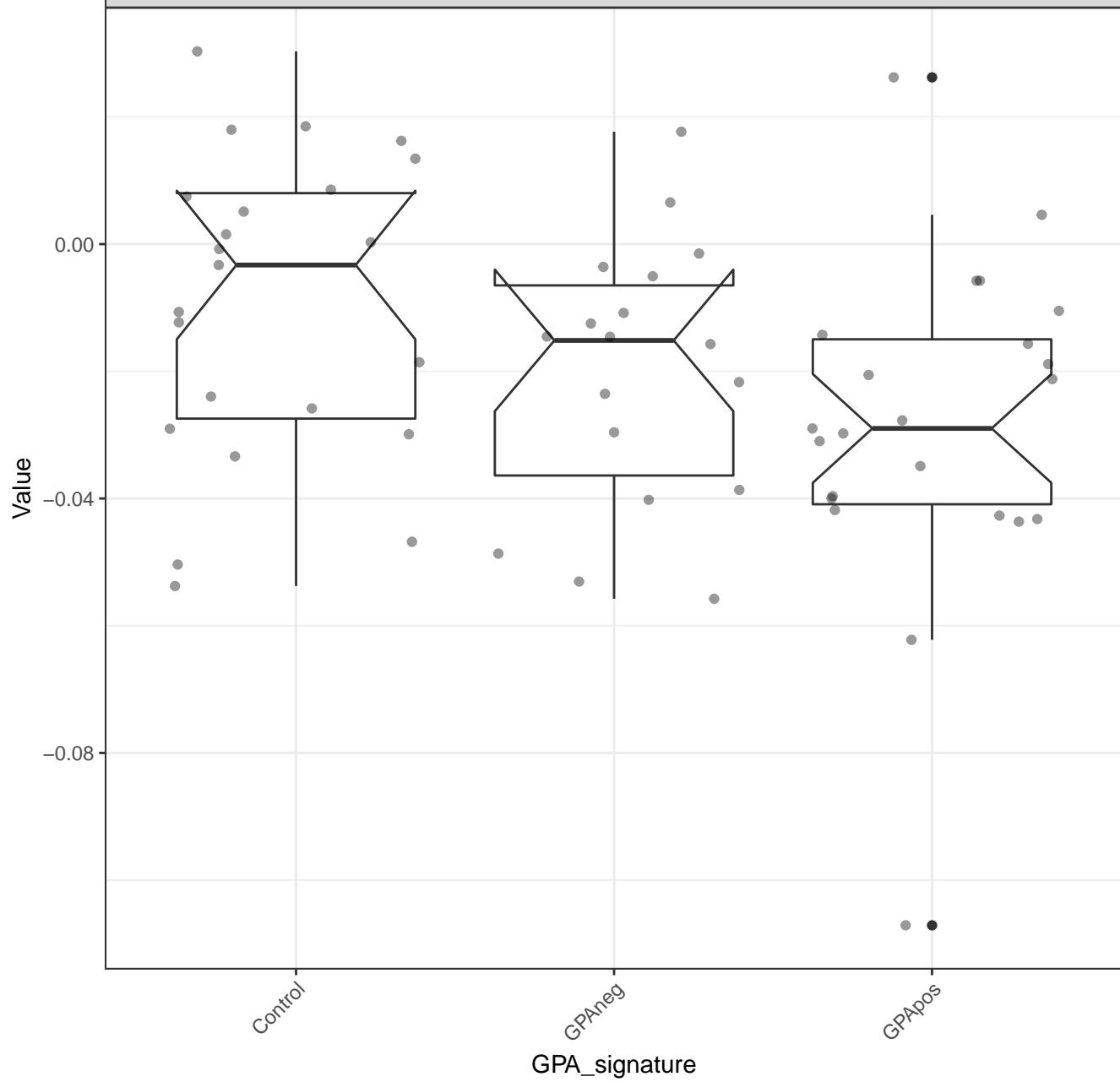
Control

GPA_signature

GPAneg

GPApos





662,REACTOME_TRANSMISSION_ACROSS_CHEMICAL_SYNAPSES

Value

0.05

0.00

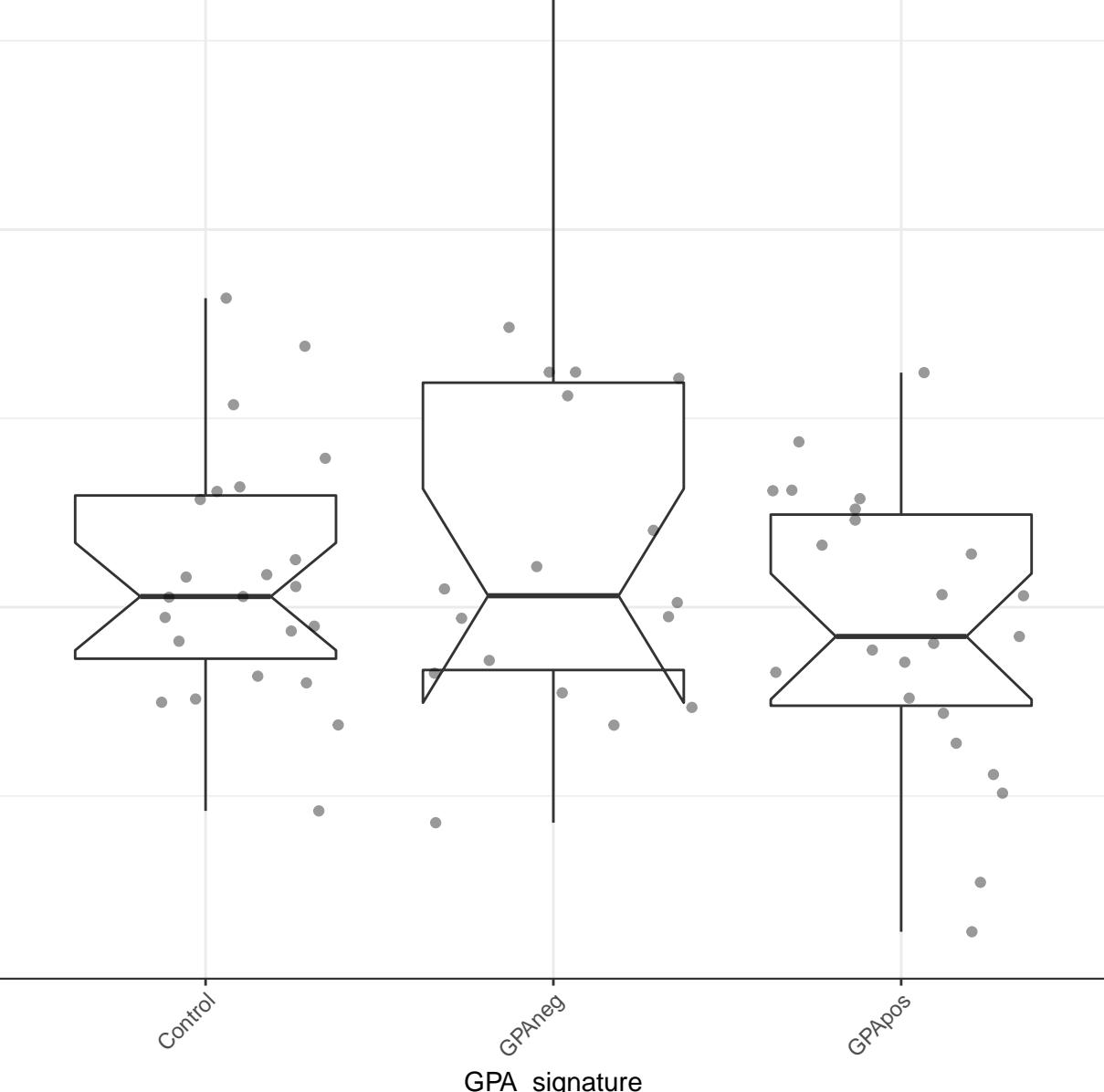
-0.05

Control

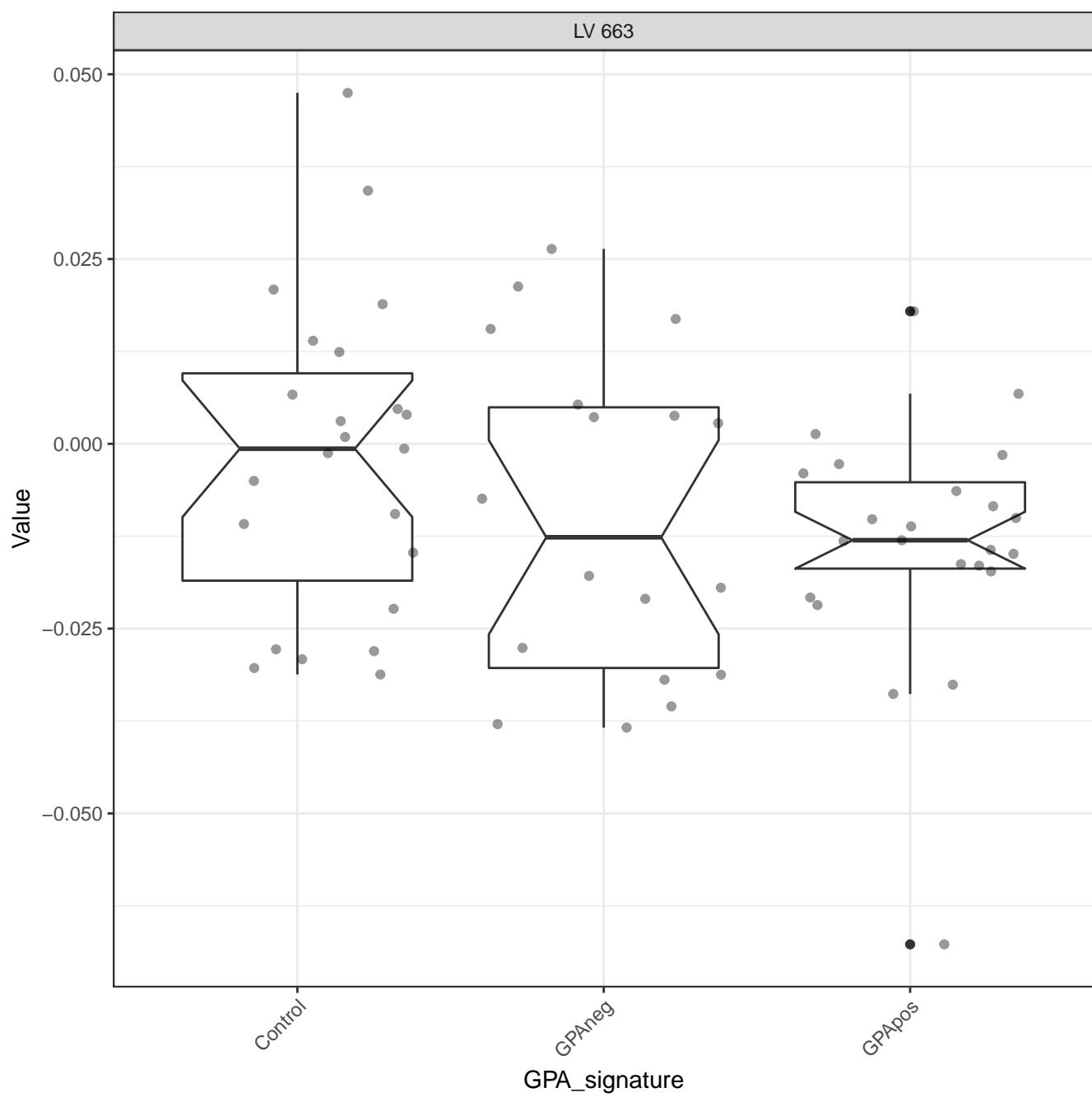
GPA_signature

GPAneg

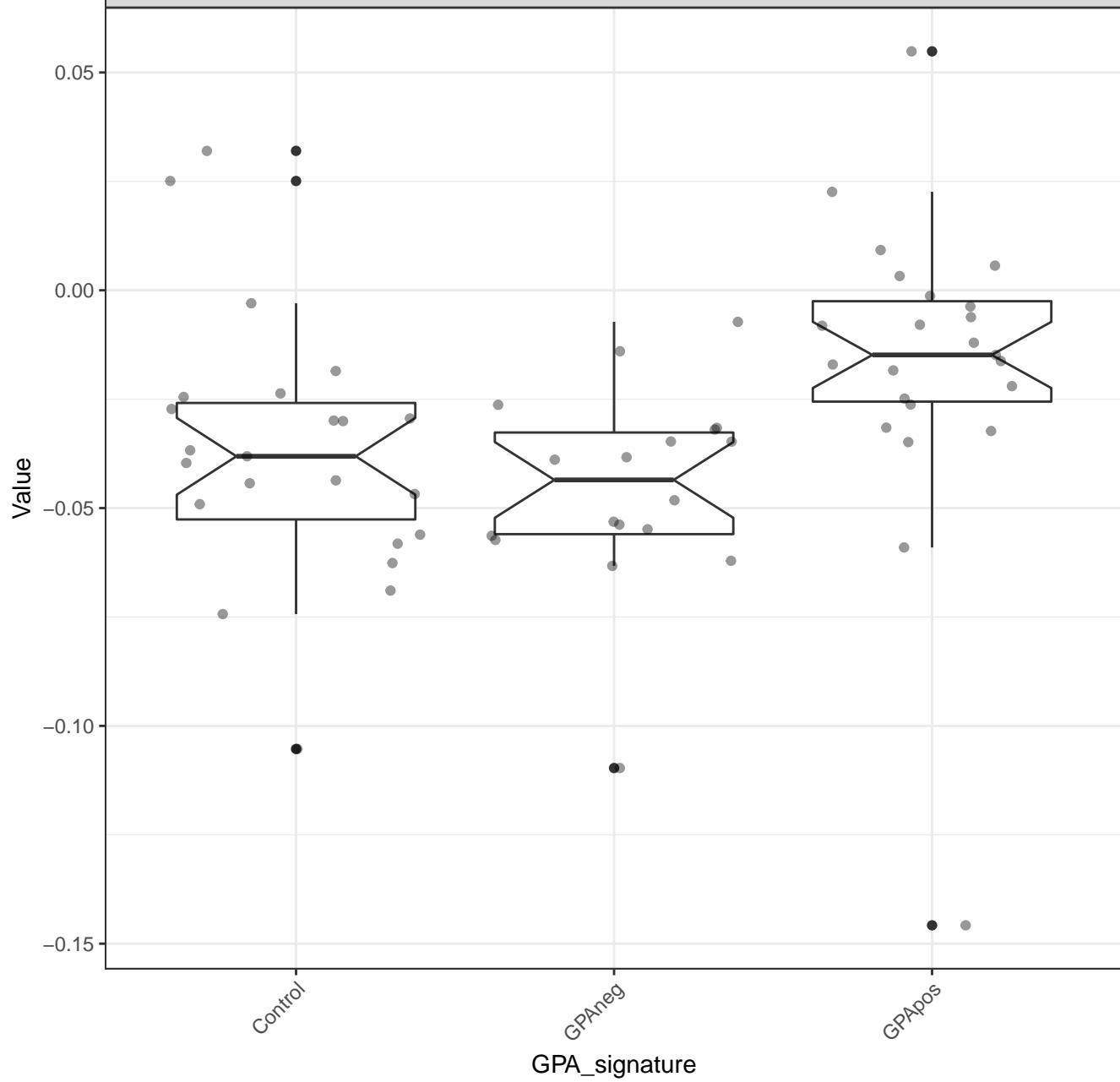
GPApos



LV 663



LV 664



LV 665

Value

0.05

0.00

-0.05

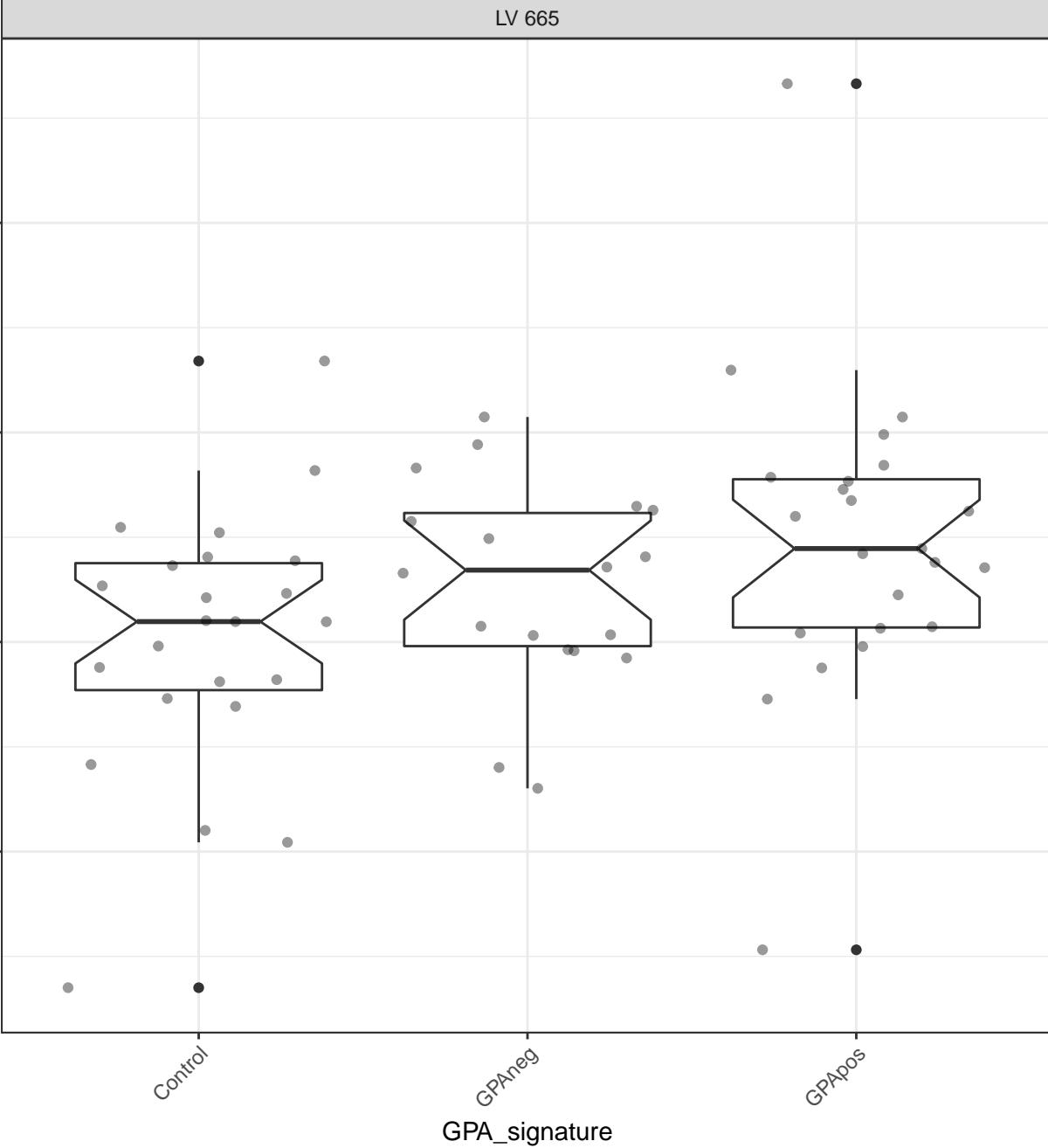
-0.10

Control

GPAneg

GPApos

GPA_signature



LV 666

Value

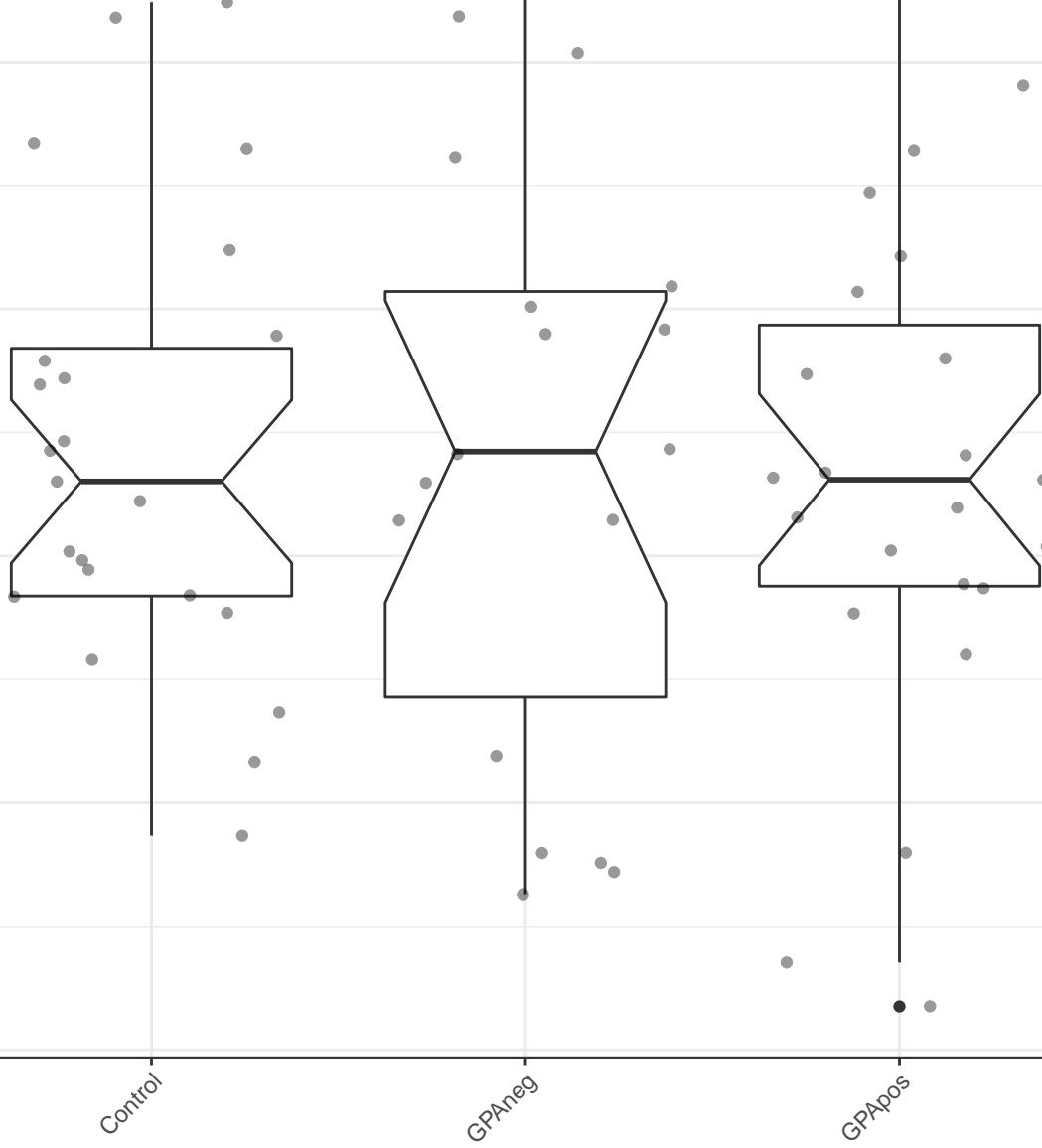
0.02
0.01
0.00
-0.01
-0.02
-0.03
-0.04
-0.05
-0.06

Control

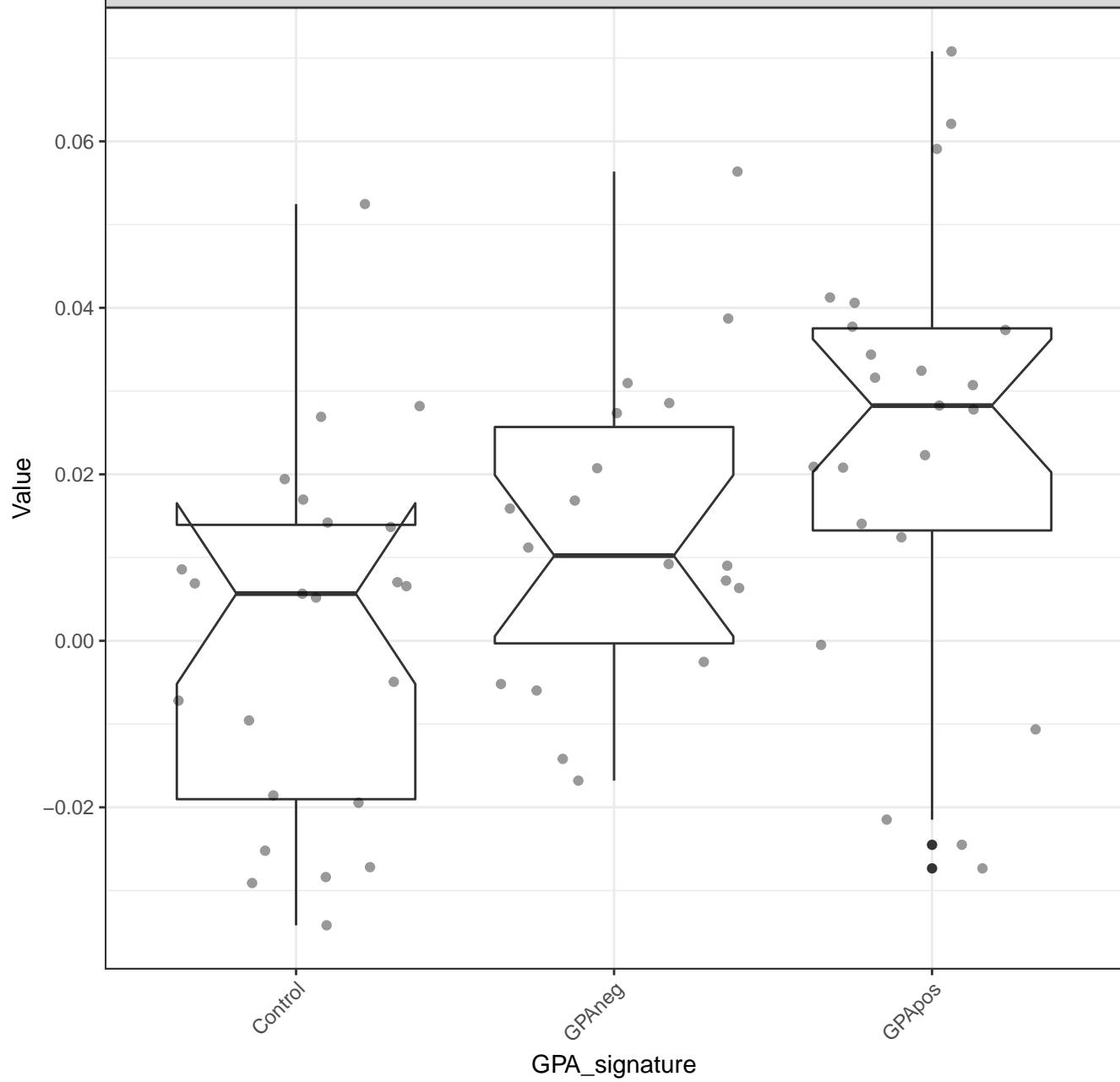
GPAneg

GPApos

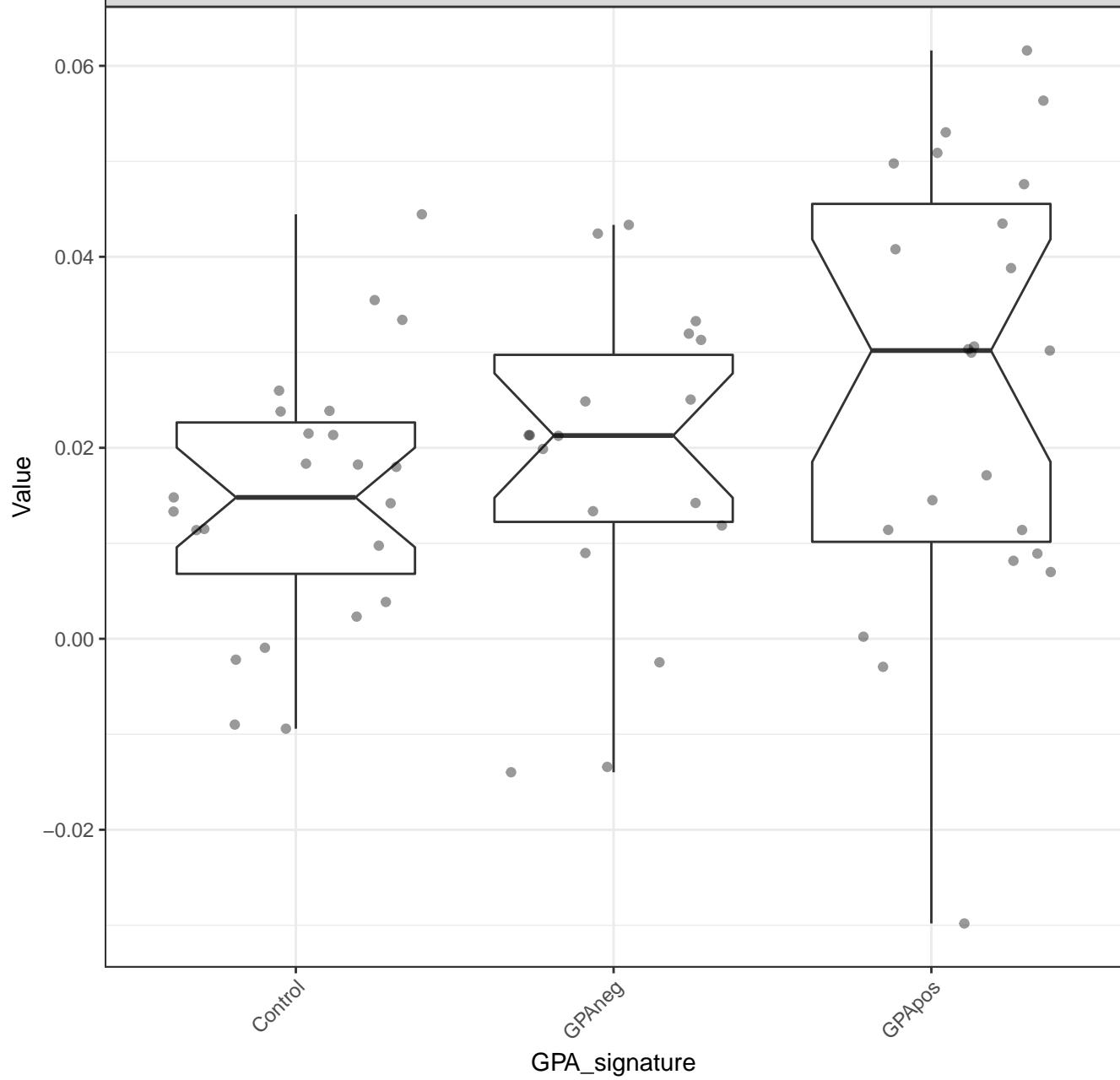
GPA_signature



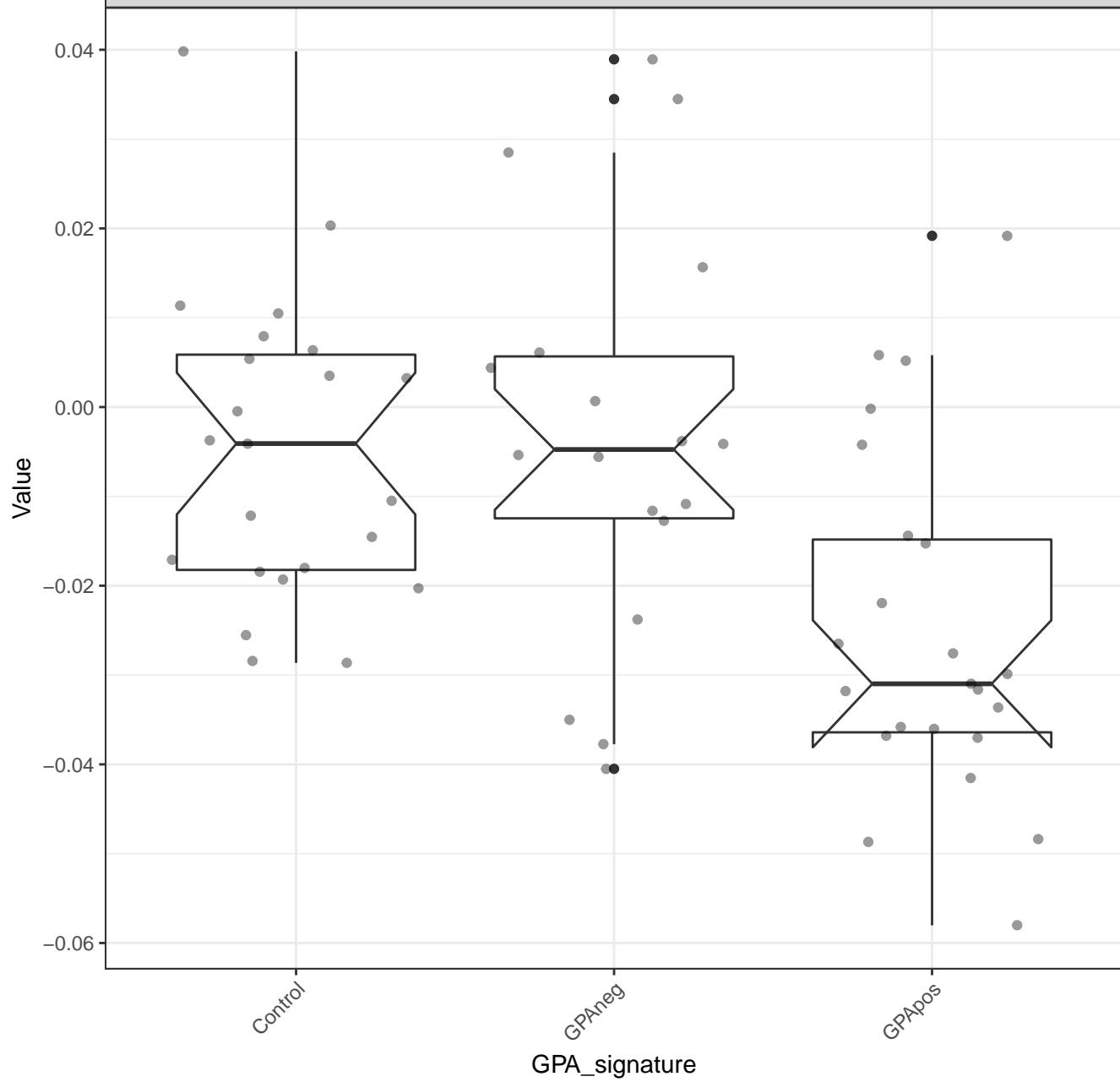
LV 667



LV 668

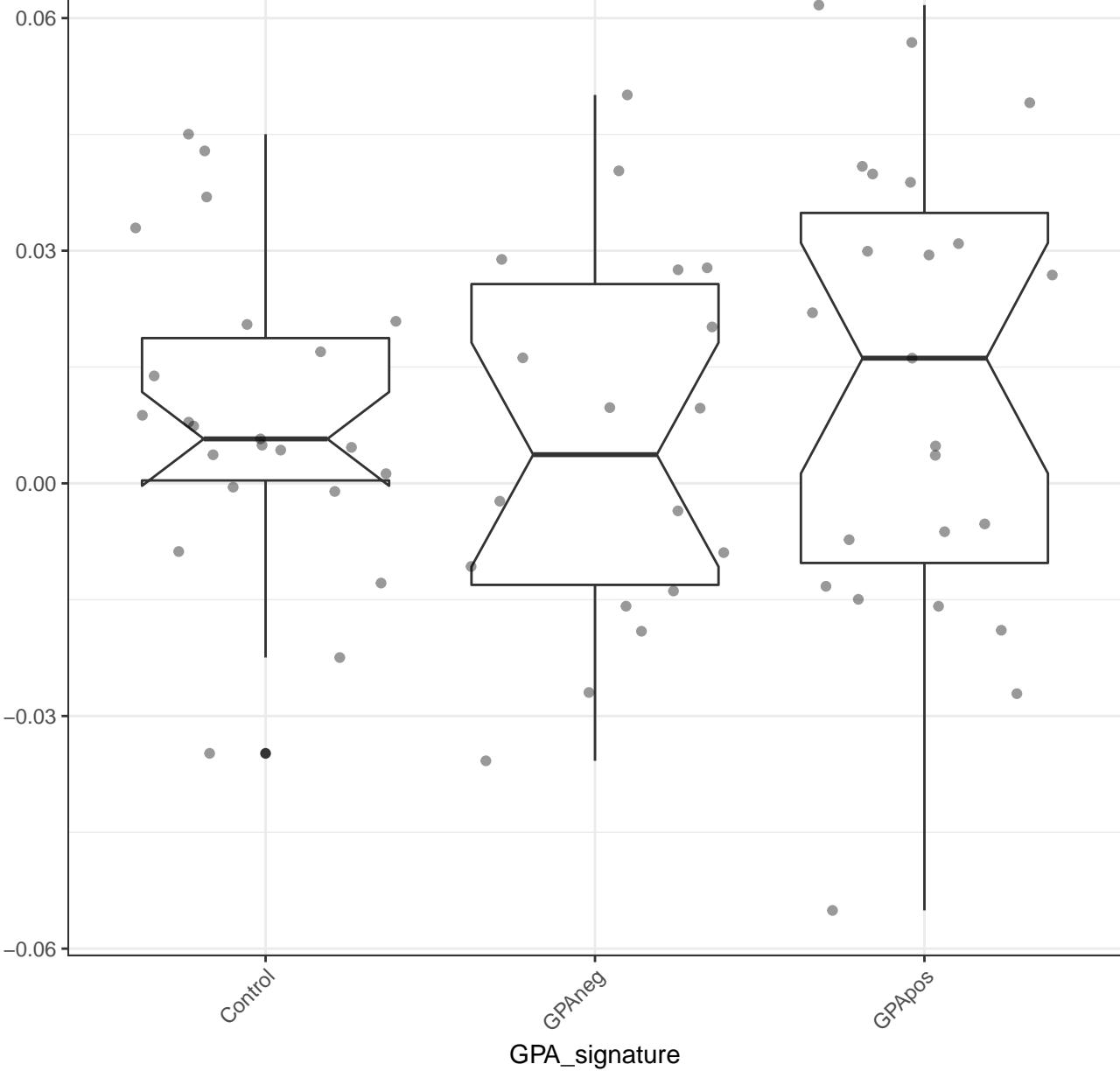


LV 669

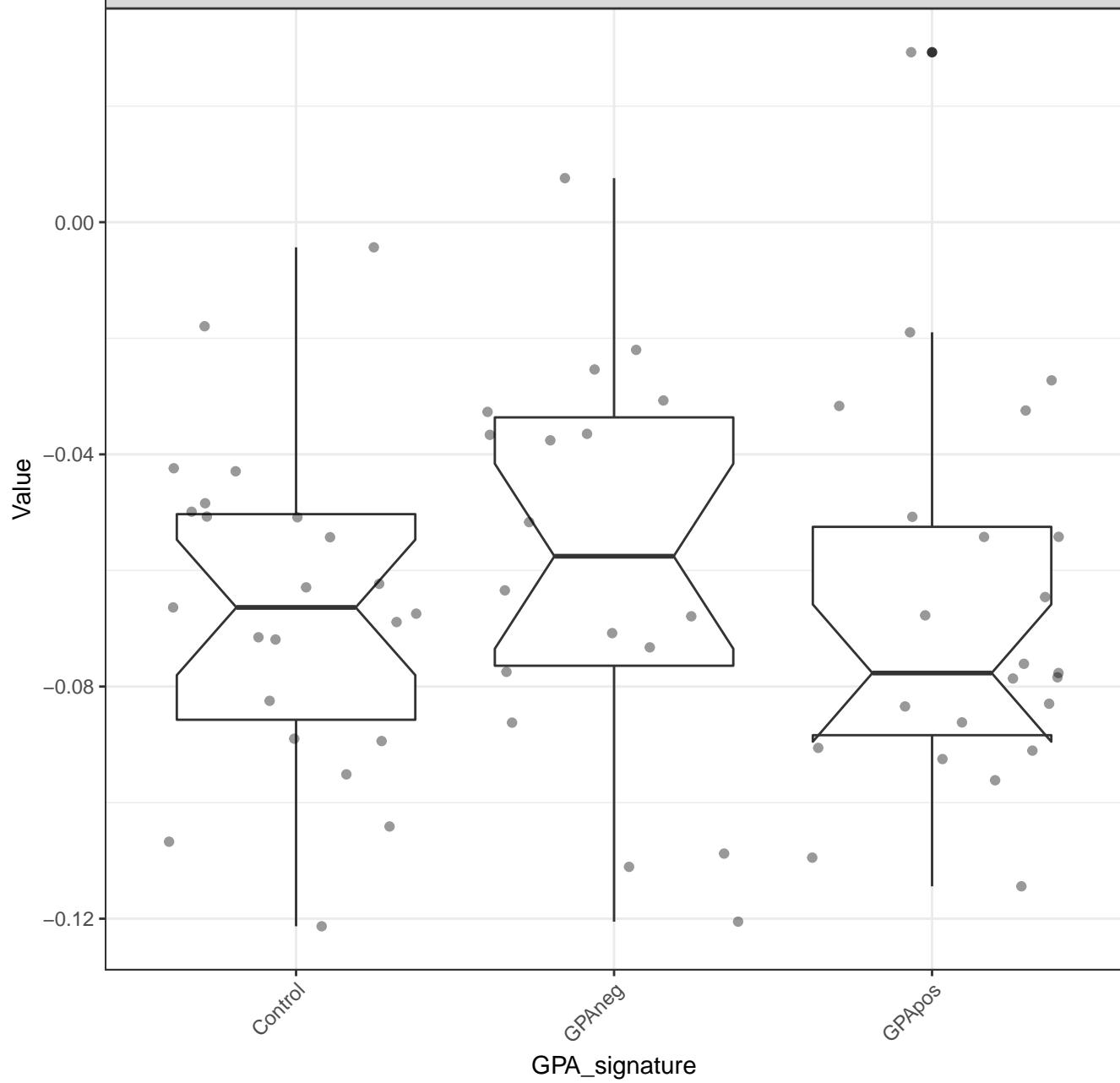


670,REACTOME_AMINO_ACID_AND_OLIGOPEPTIDE_SLC_TRANSPORTERS

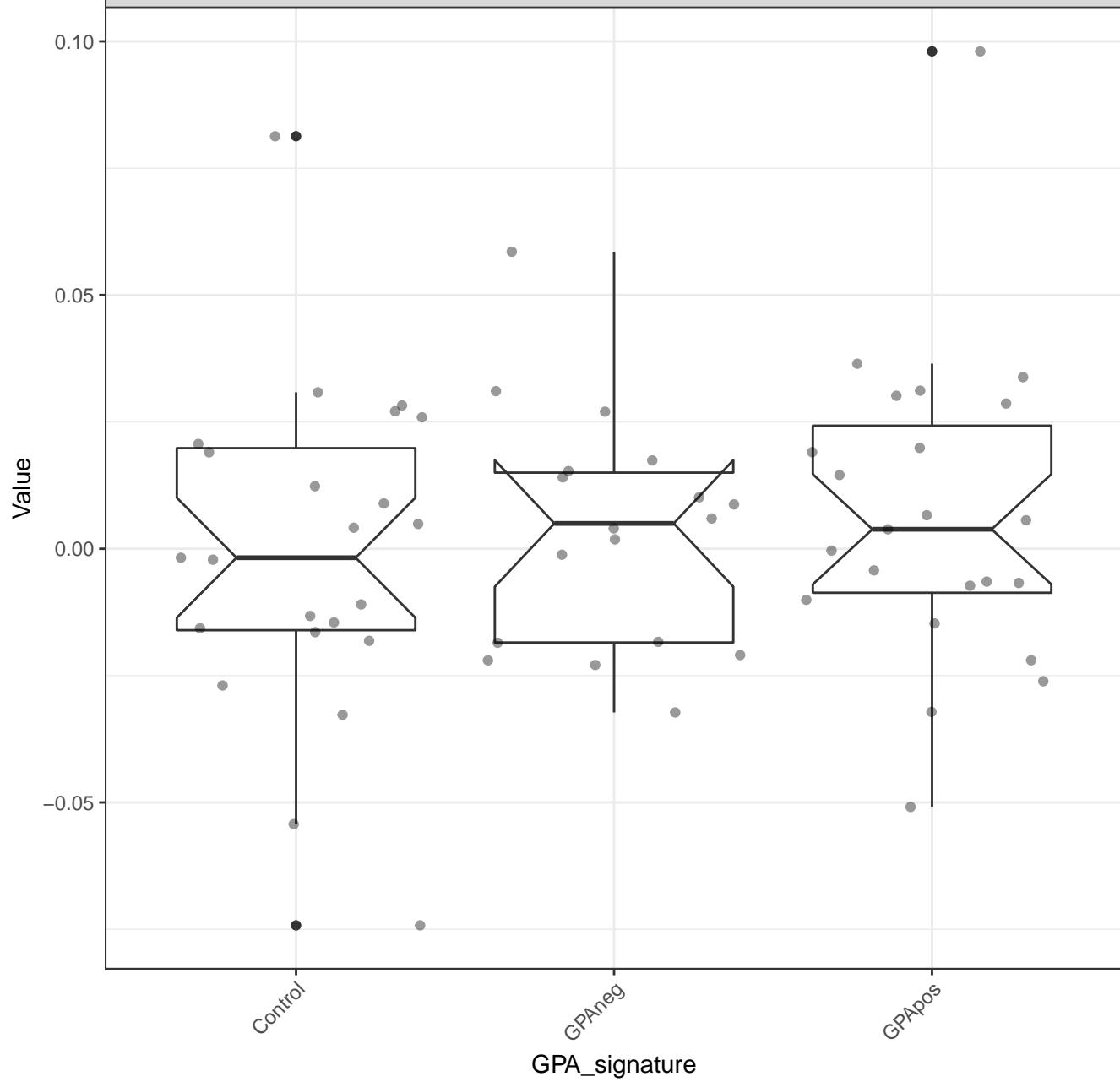
Value



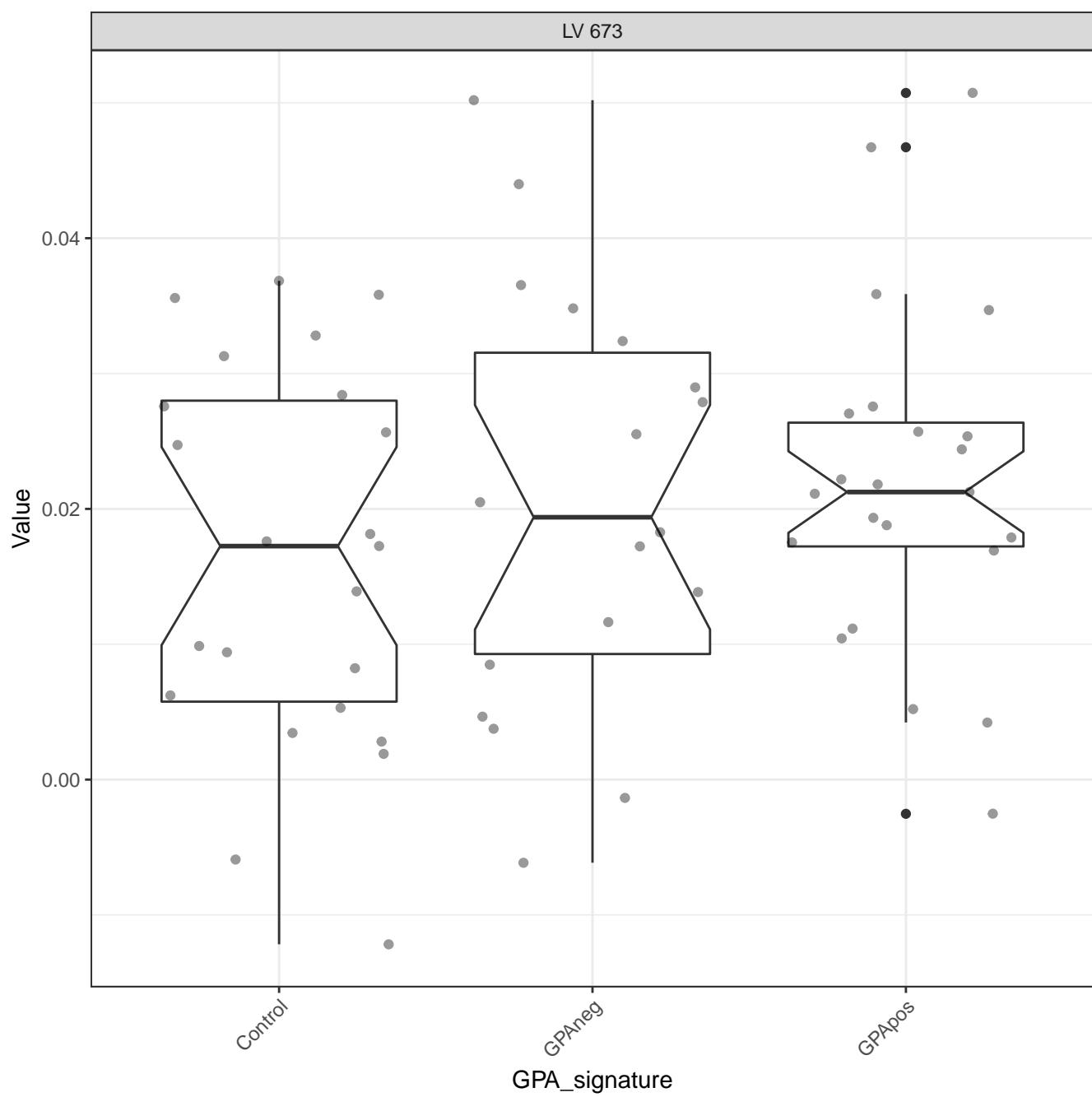
671,REACTOME_COLLAGEN_FORMATION



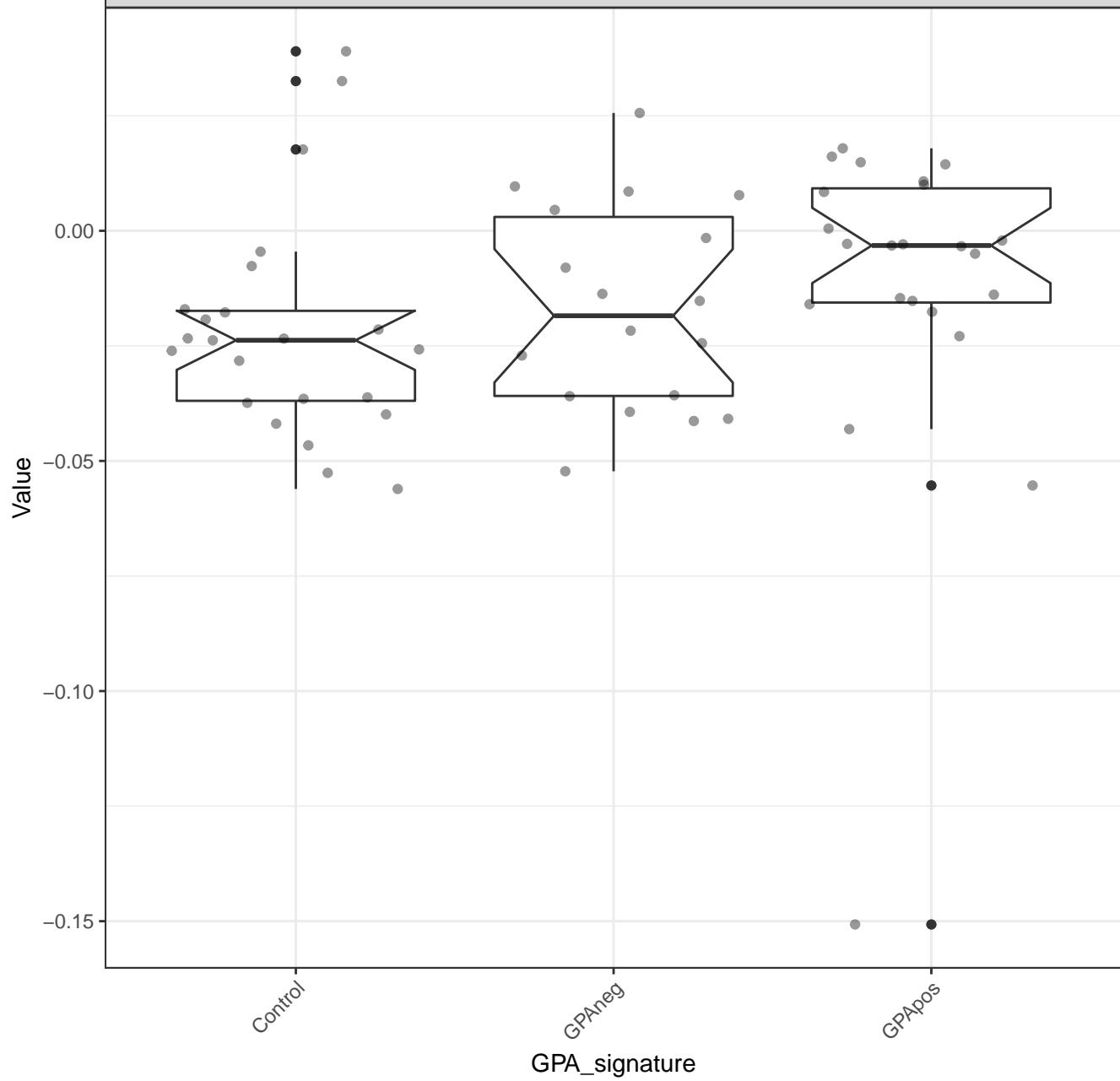
LV 672



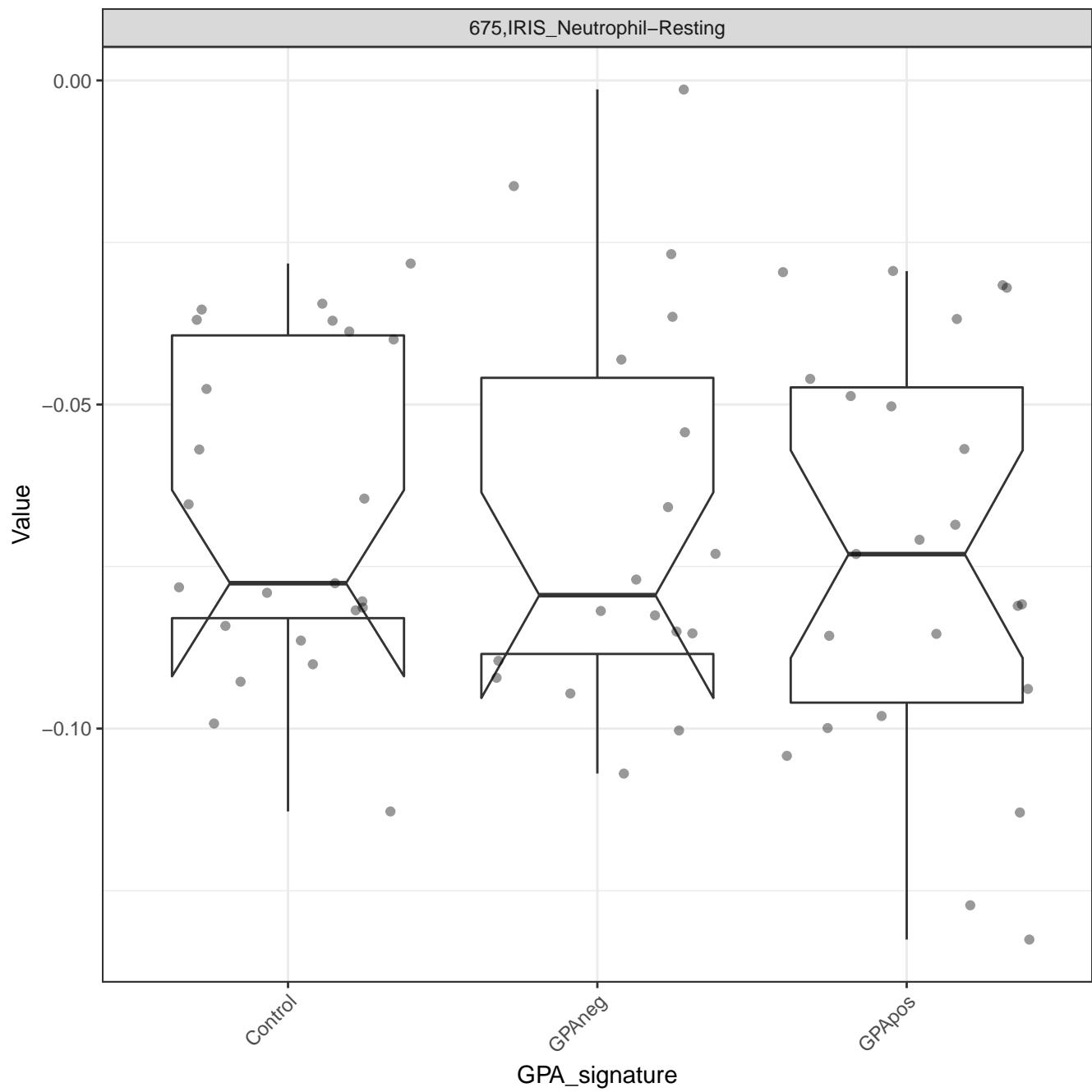
LV 673



LV 674



675,IRIS_Neutrophil–Resting



LV 676

Value

0.050

0.025

0.000

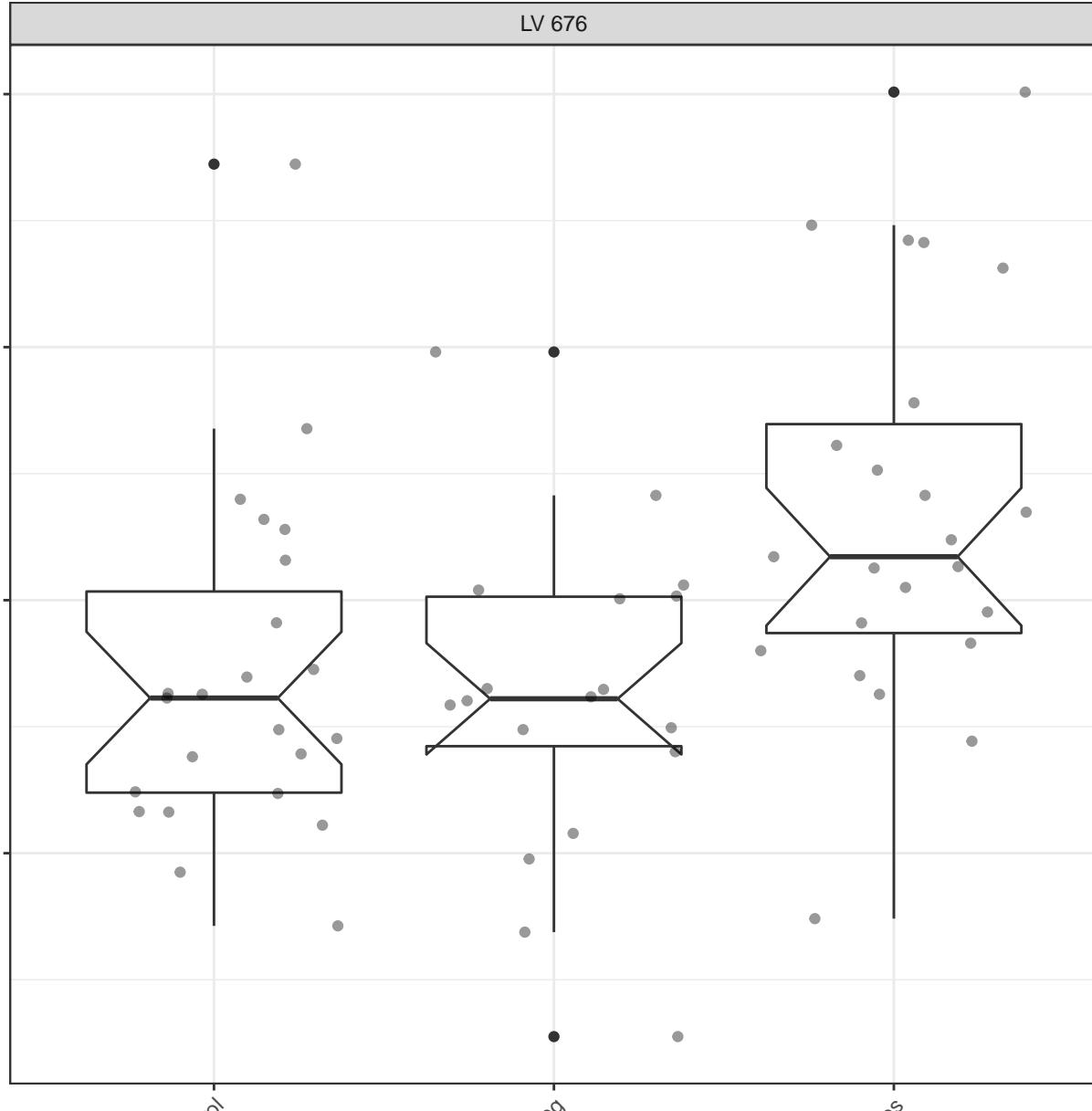
-0.025

Control

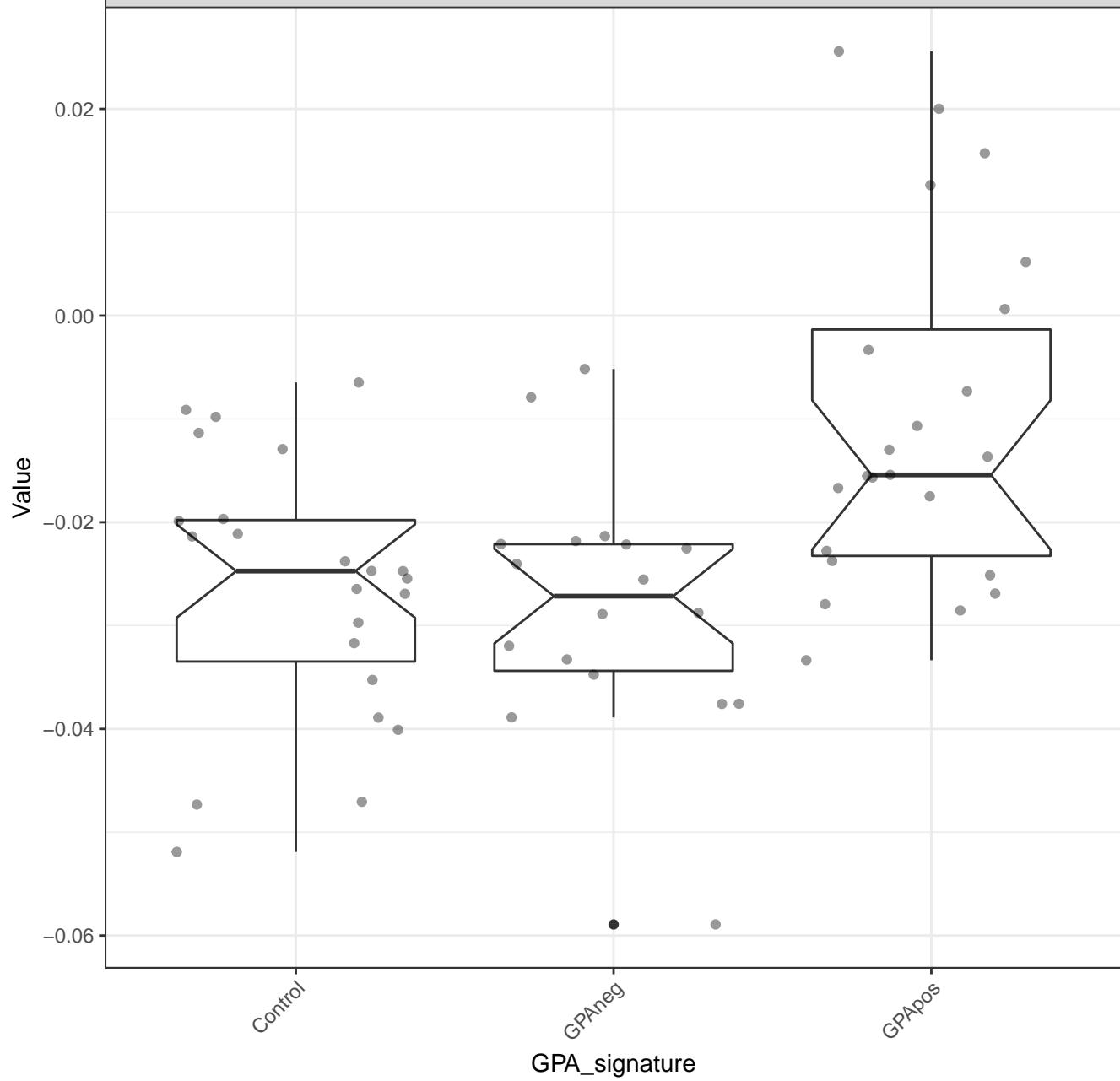
GPA_signature

GPAneg

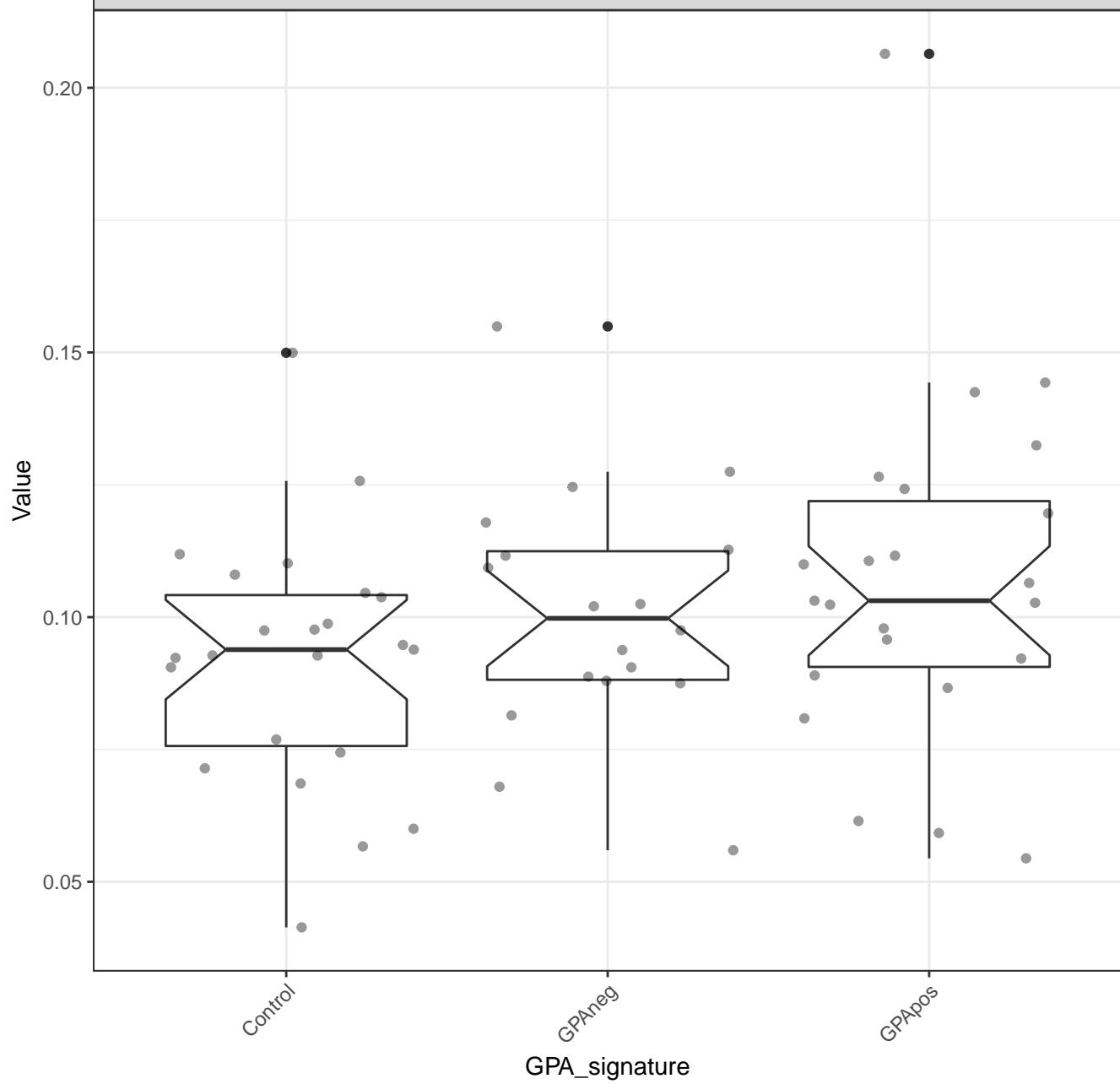
GPAPos



LV 677



ELECTRON_TRANSPORT_ATP_SYNTHESIS_BY_CHEMIOSMOTIC_COUPLING_AND_HEAT_PRODUCTION



LV 679

Value

0.04

0.02

0.00

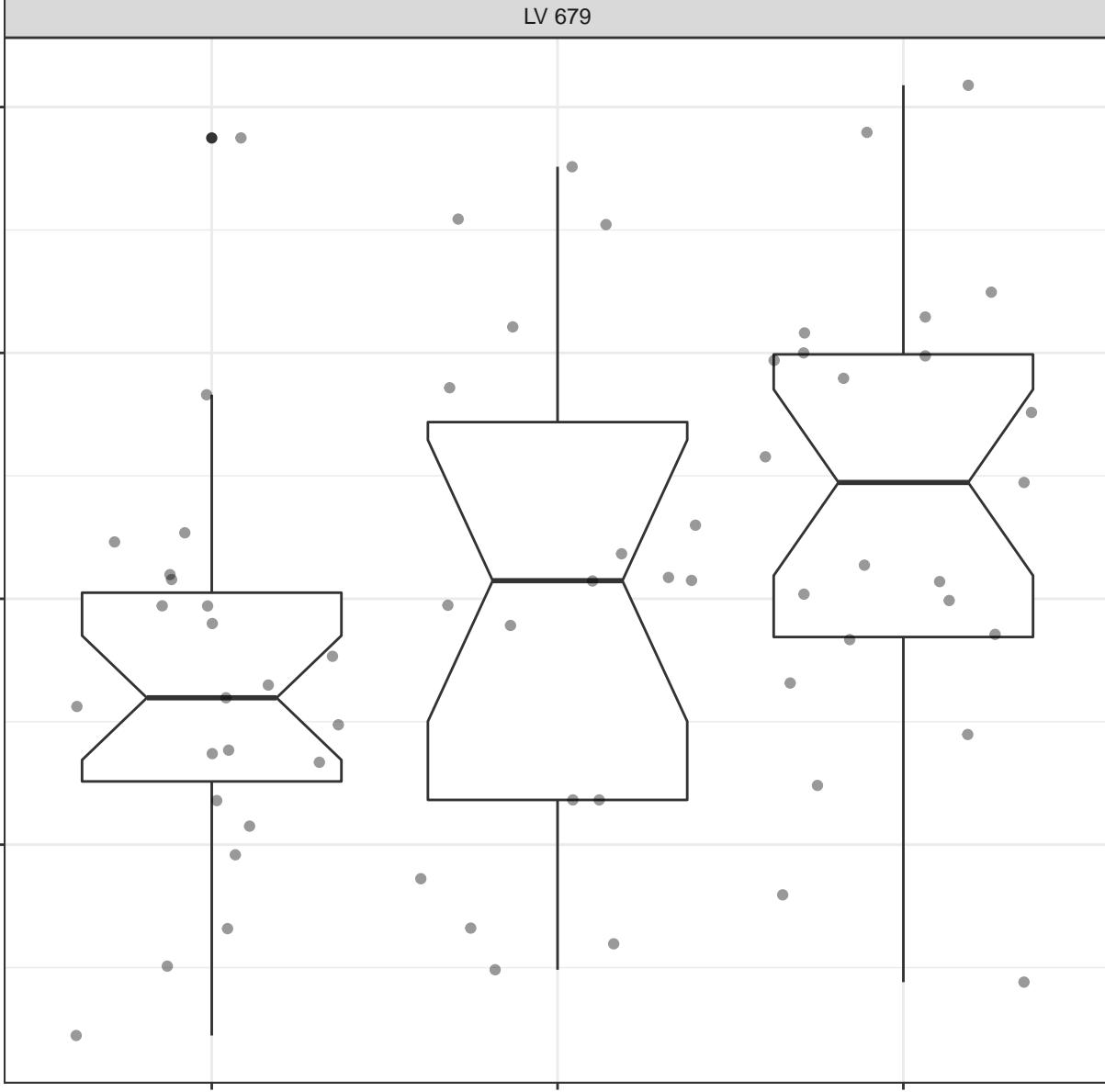
-0.02

Control

GPAneg

GPApos

GPA_signature



LV 680

Value

0.05

0.01

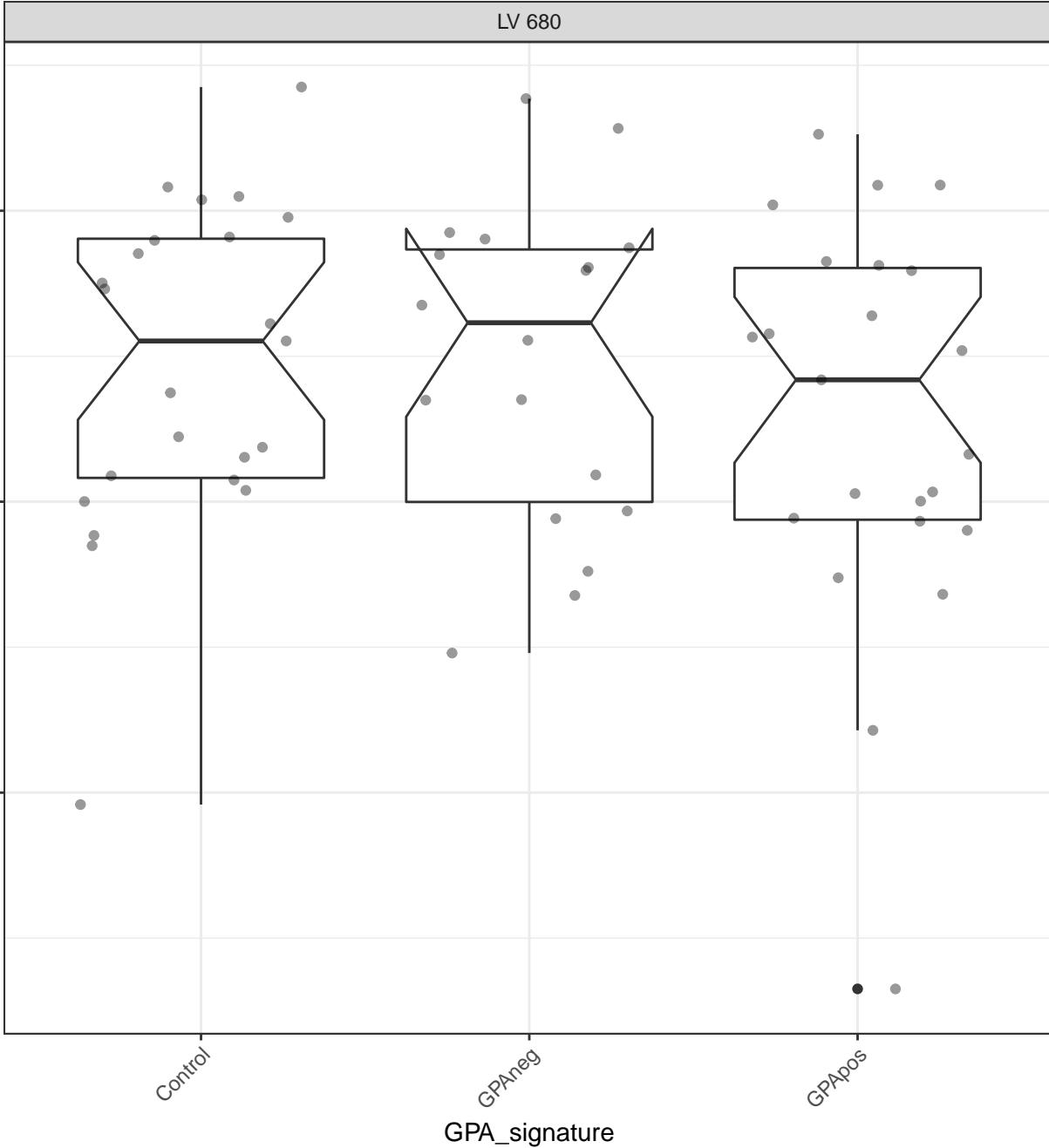
-0.05

Control

GPAneg

GPApos

GPA_signature



LV 681

Value

0.05

0.00

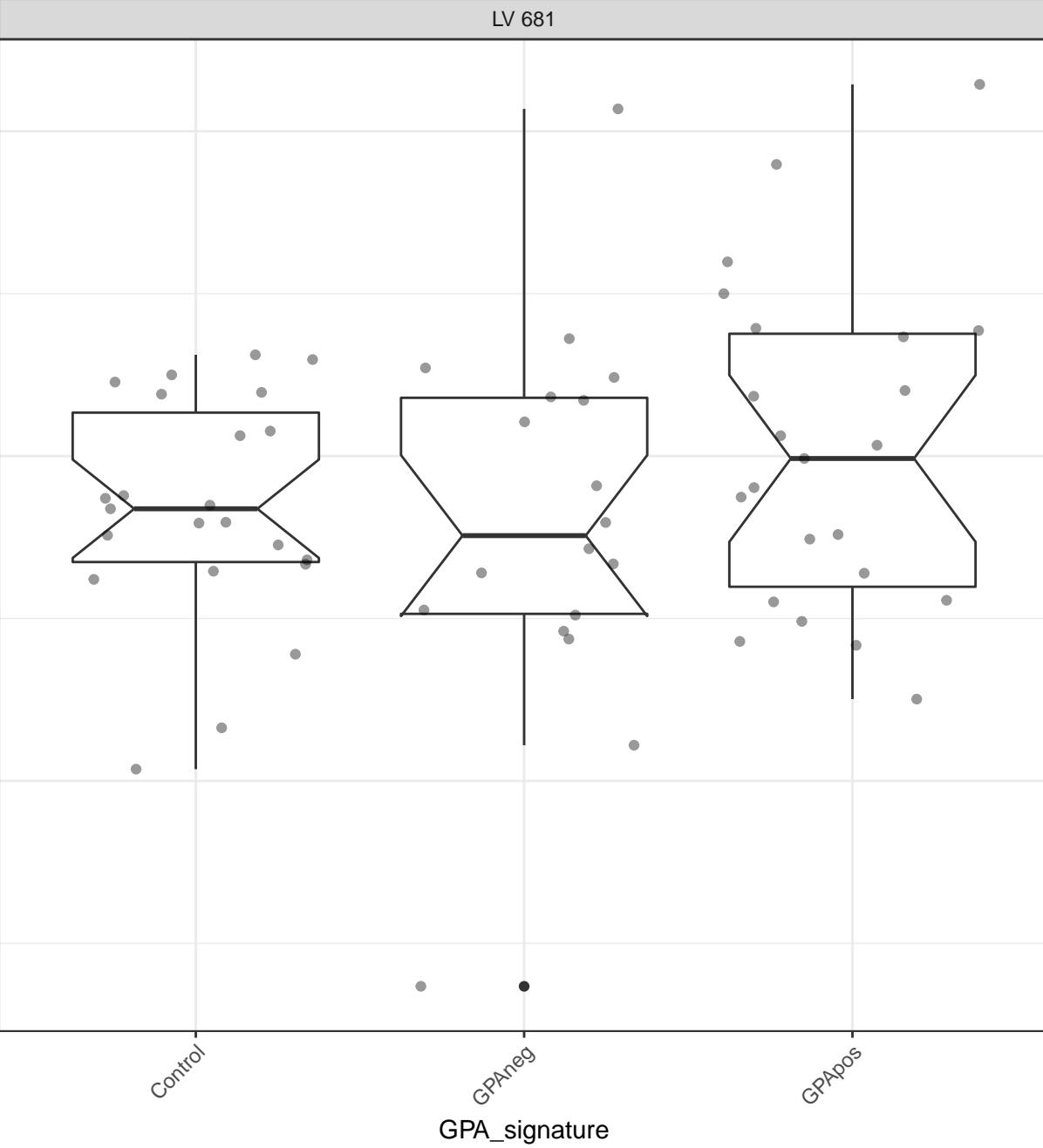
-0.05

Control

GPAneg

GPAPos

GPA_signature



Value

0.05

0.00

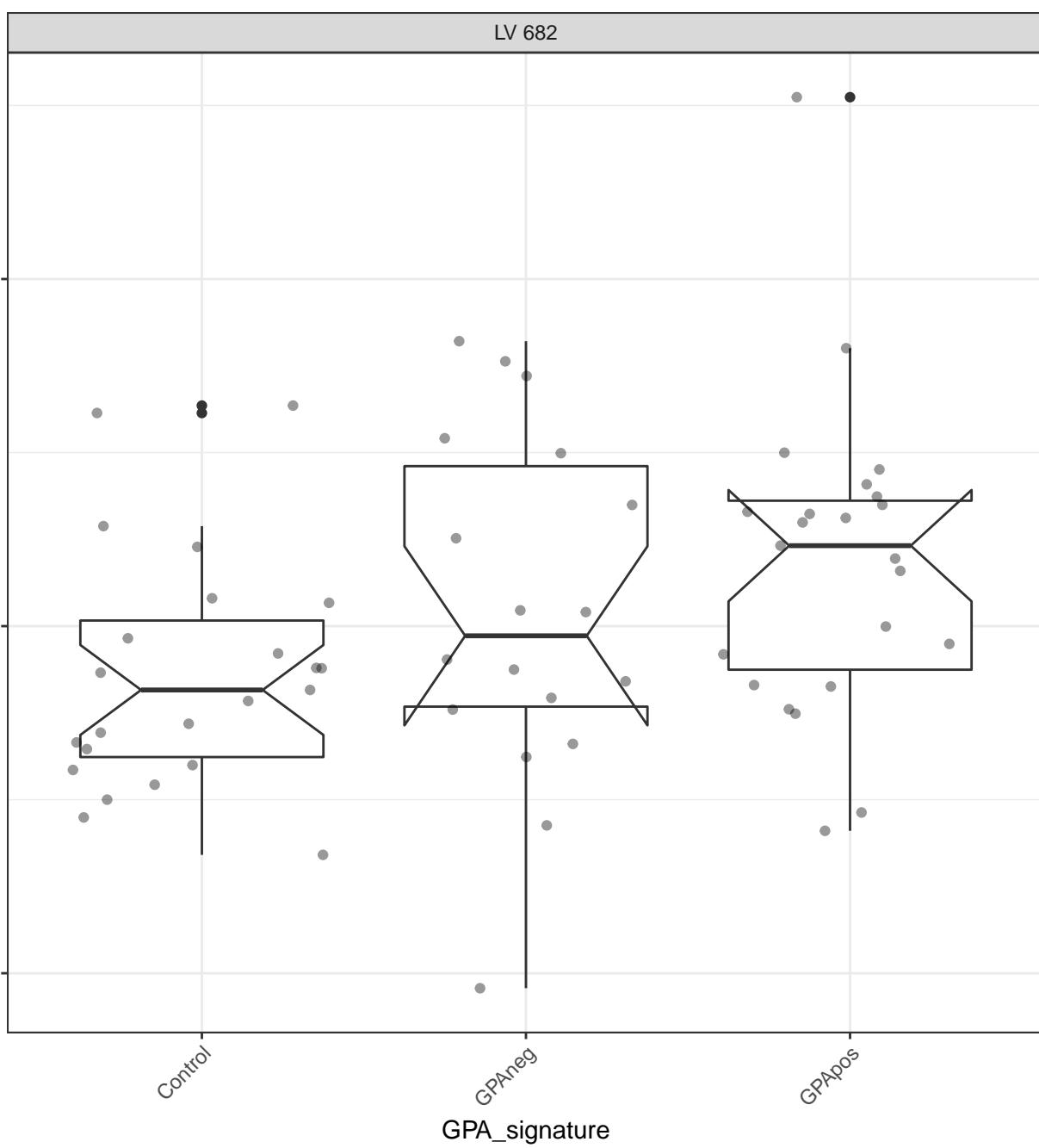
-0.05

Control

GPA_signature

GPAneg

GPAPos



LV 683

Value

0.08

0.04

0.00

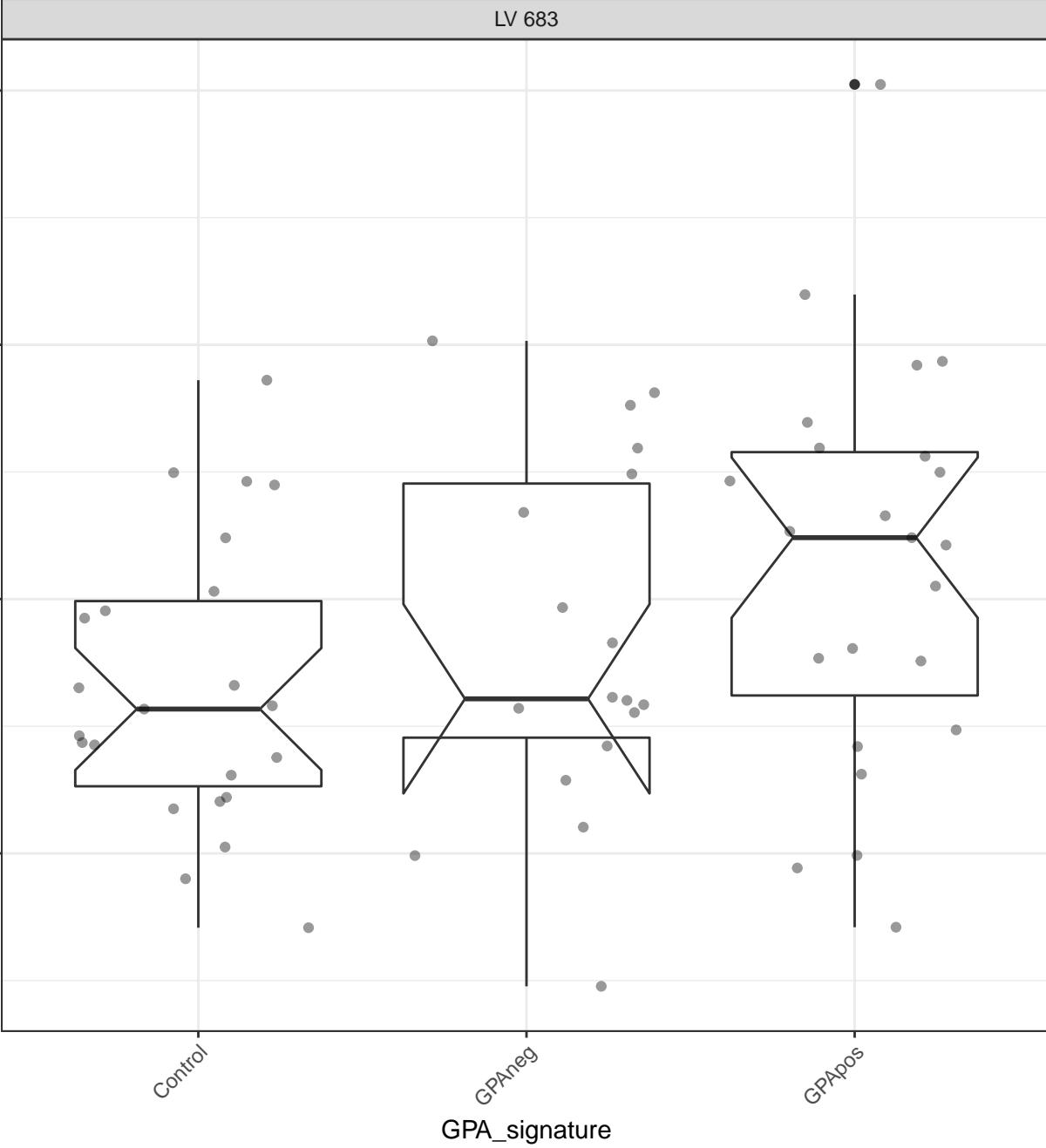
-0.04

Control

GPAneg

GPApos

GPA_signature



684,KEGG_CELL_CYCLE

Value

0.10

0.05

0.00

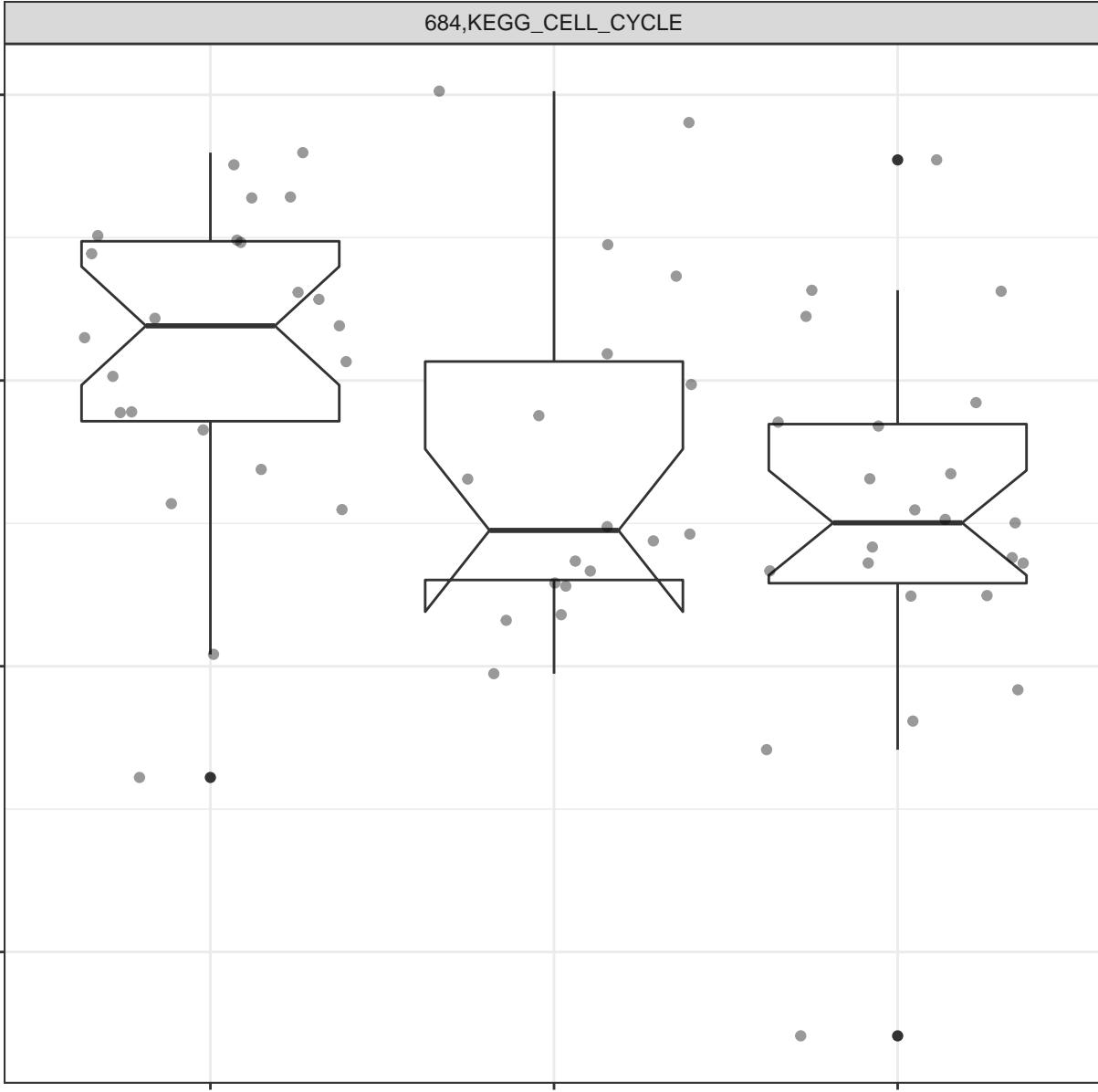
-0.05

Control

GPAneg

GPAPos

GPA_signature



LV 685

Value

0.025

0.000

-0.025

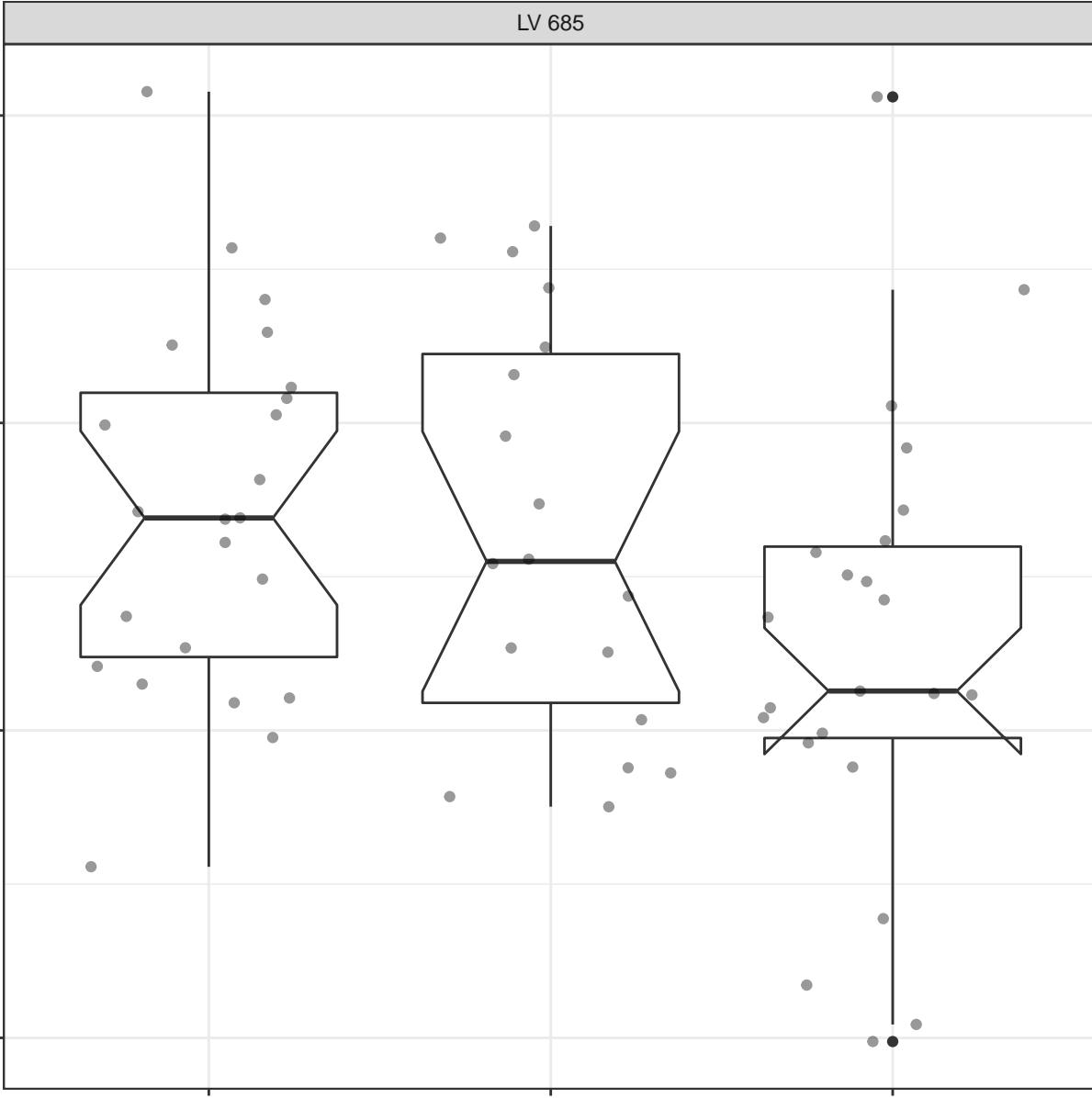
-0.050

Control

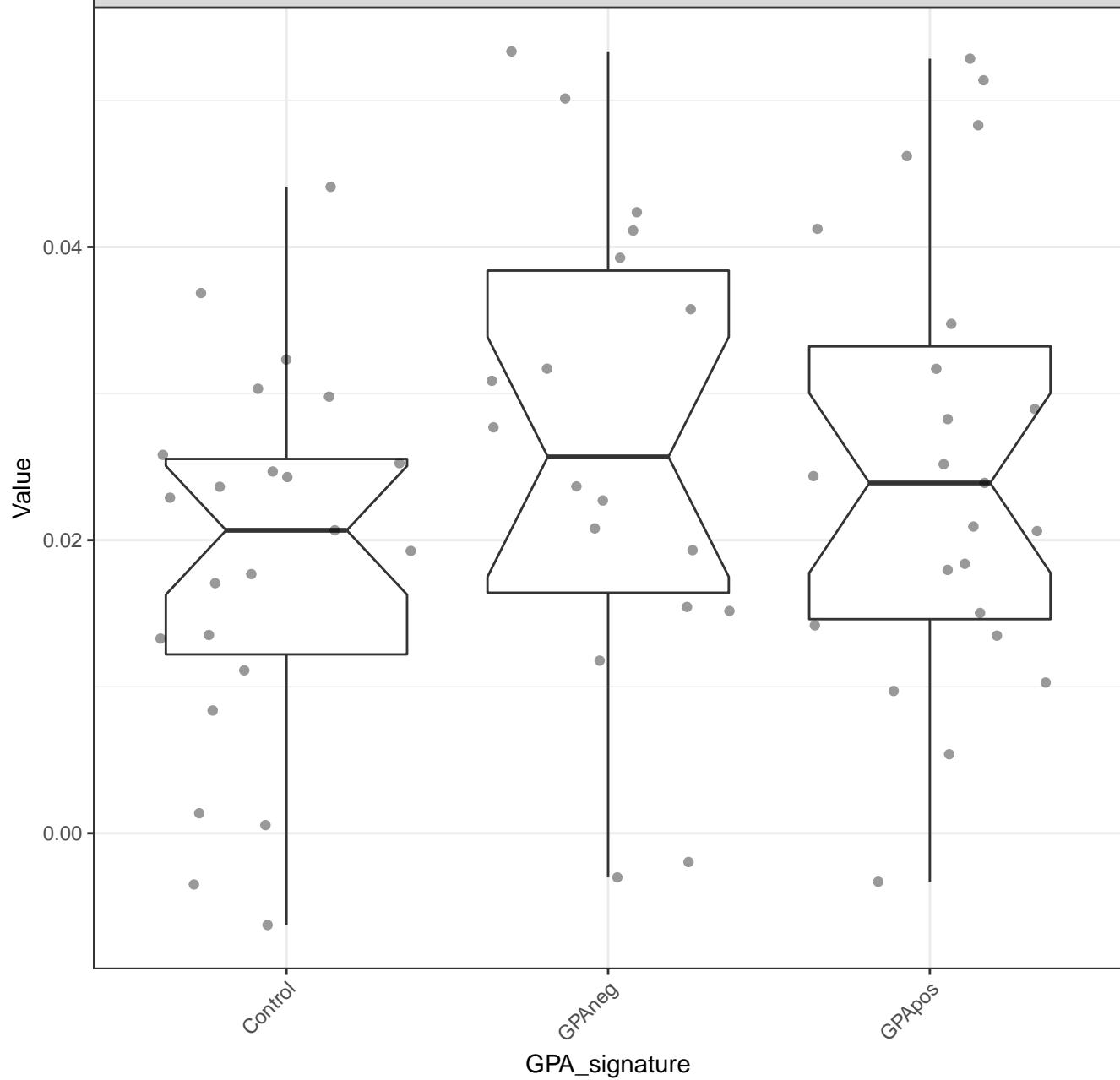
GPAneg

GPAPos

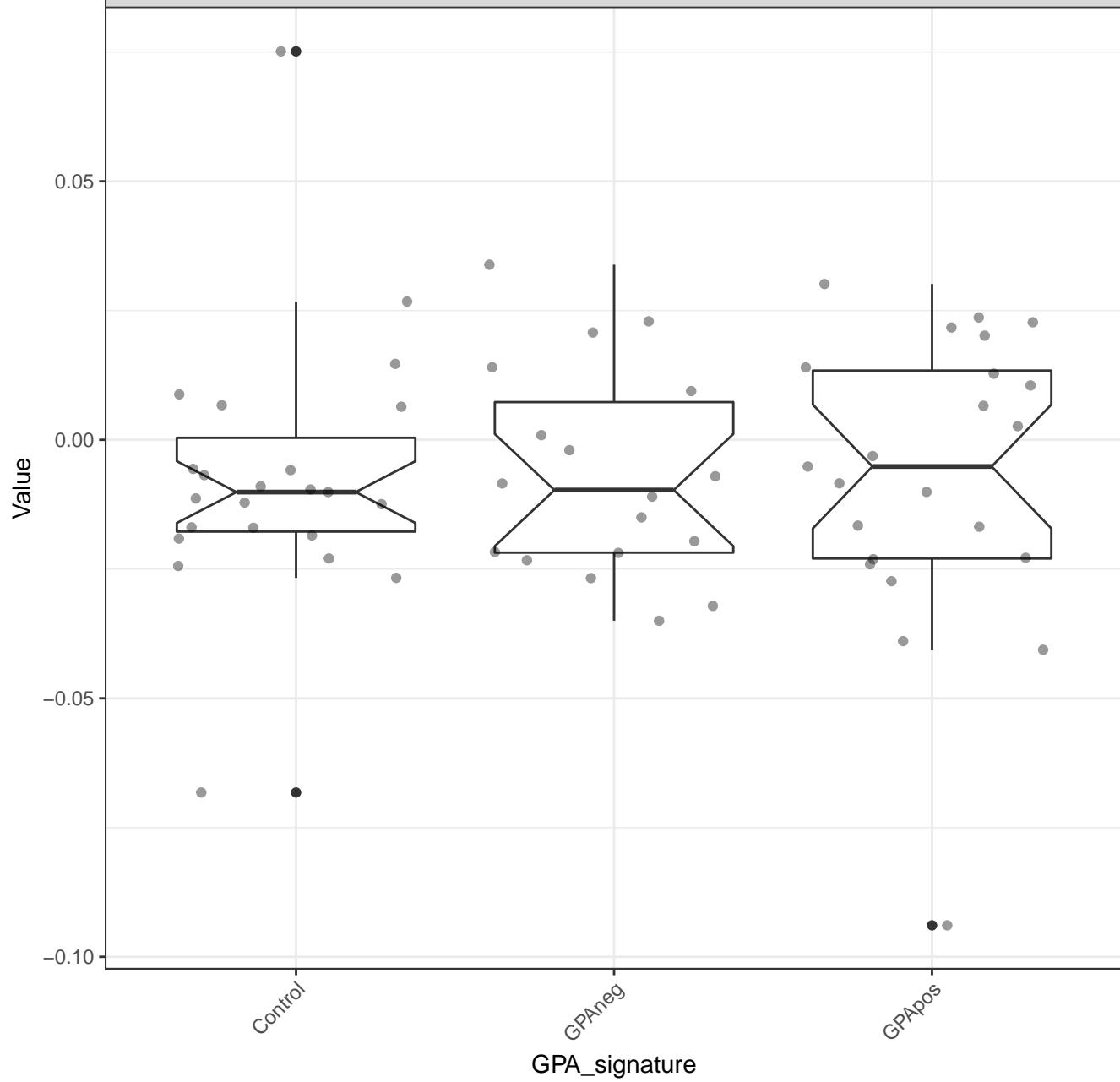
GPA_signature



LV 686



LV 687



LV 688

Value

0.10

0.05

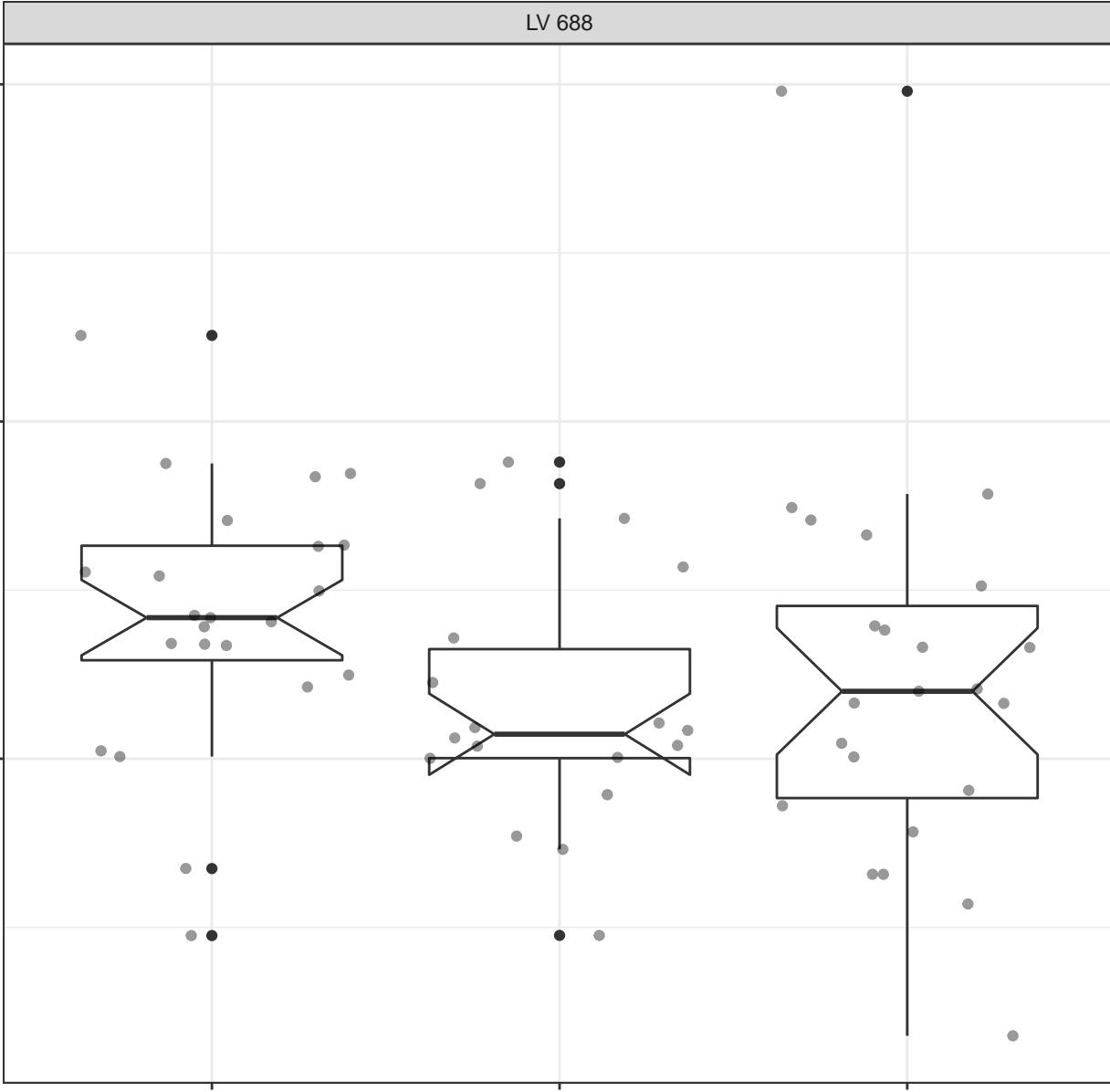
0.00

Control

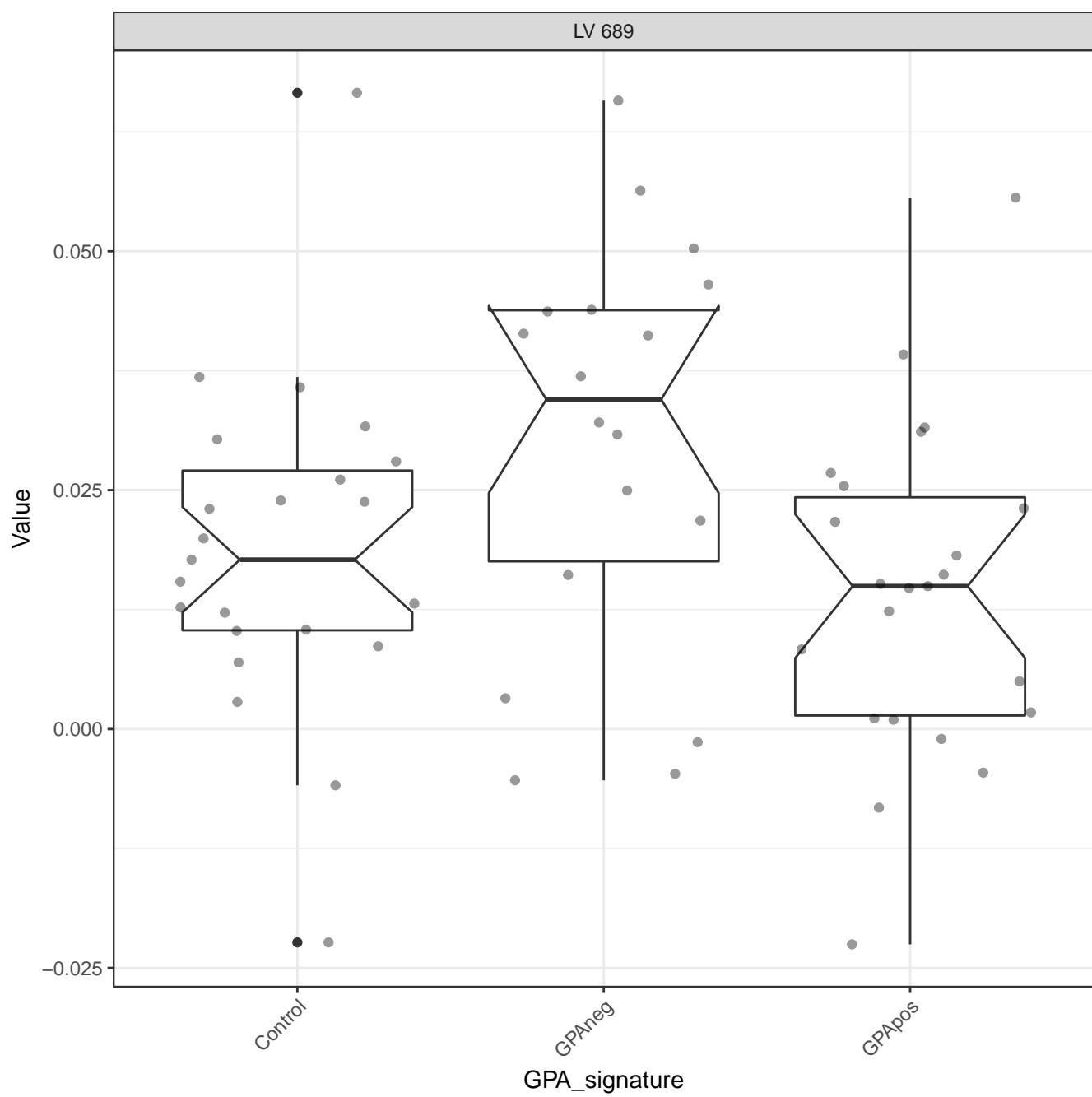
GPA_signature

GPAneg

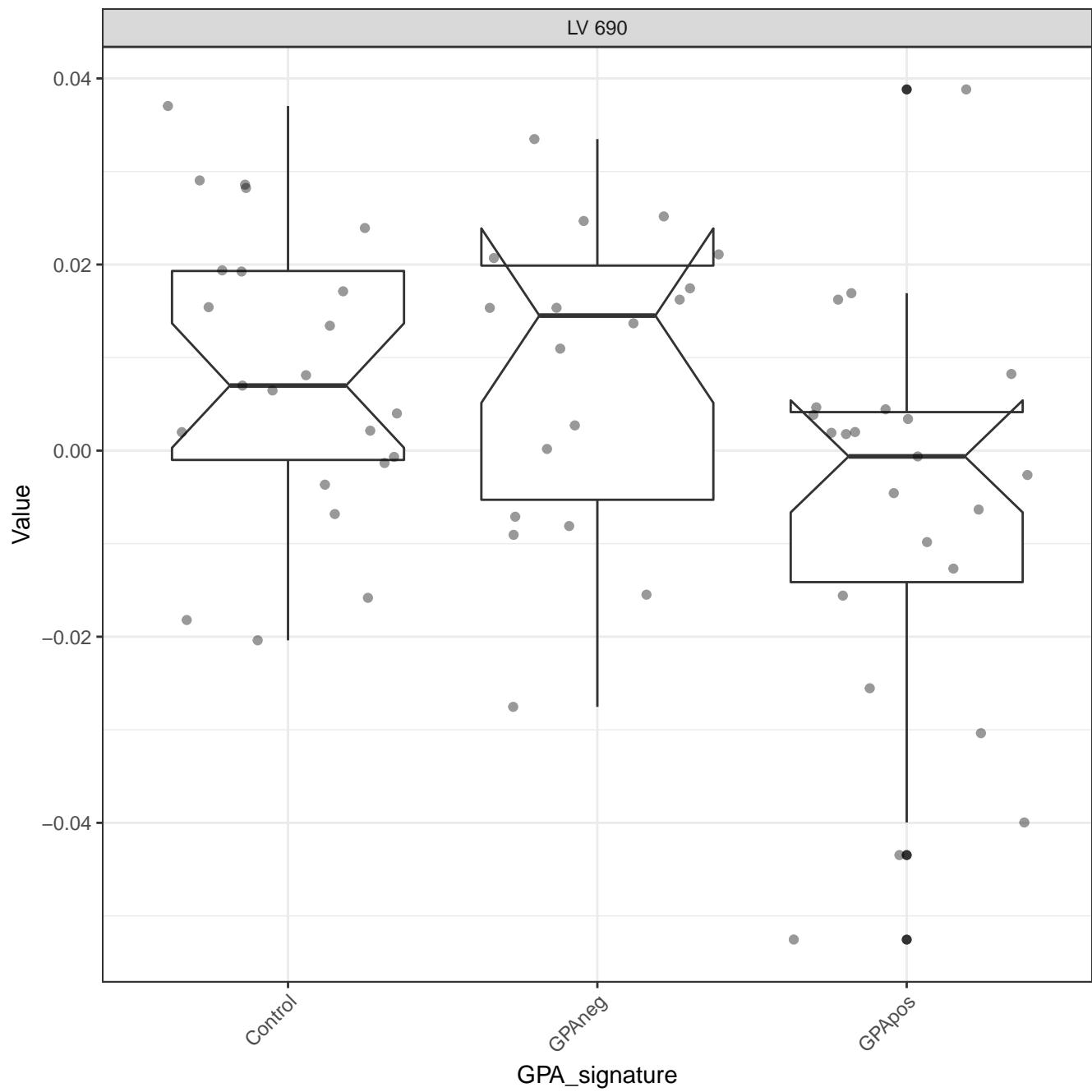
GPApos



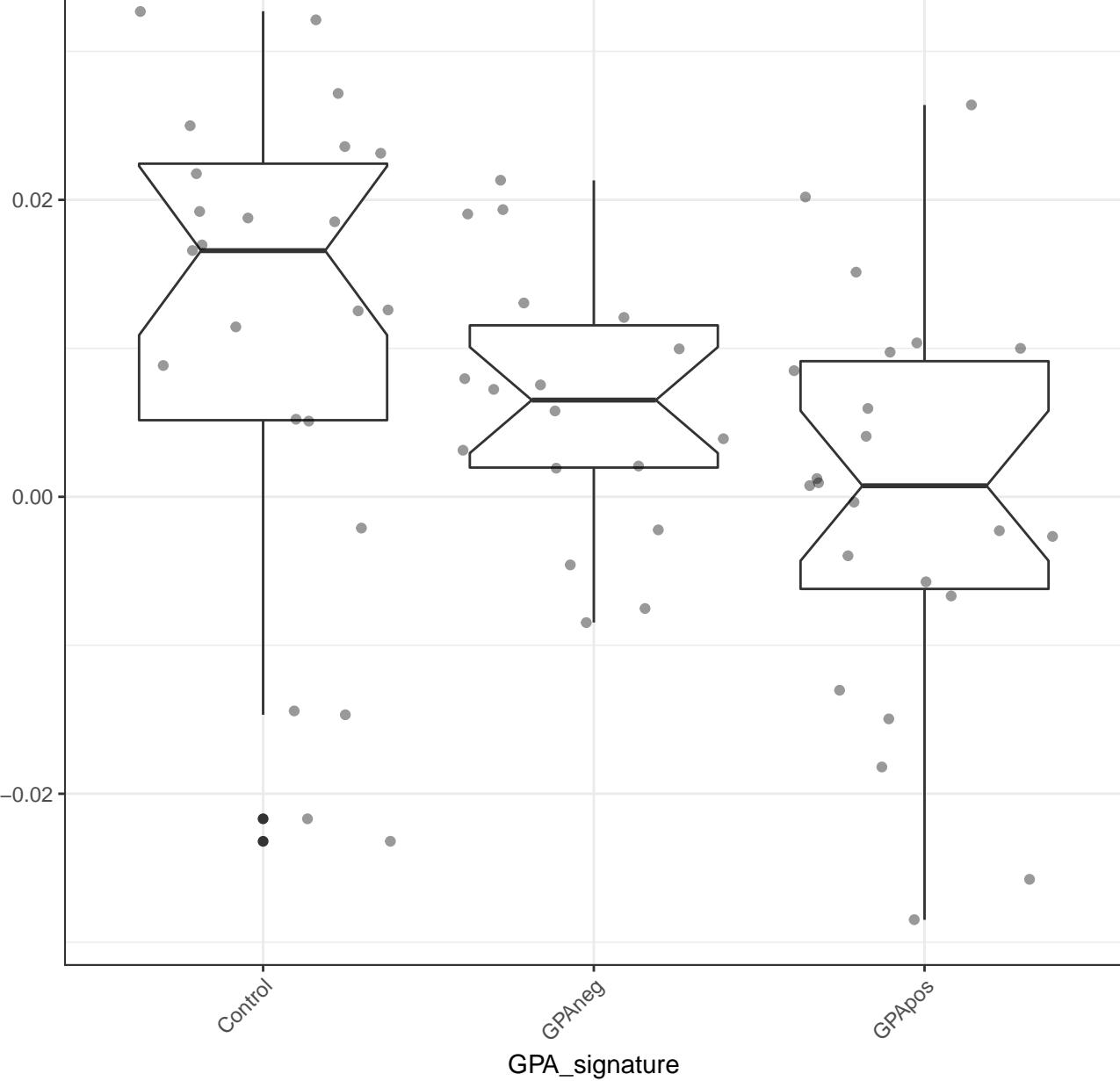
LV 689



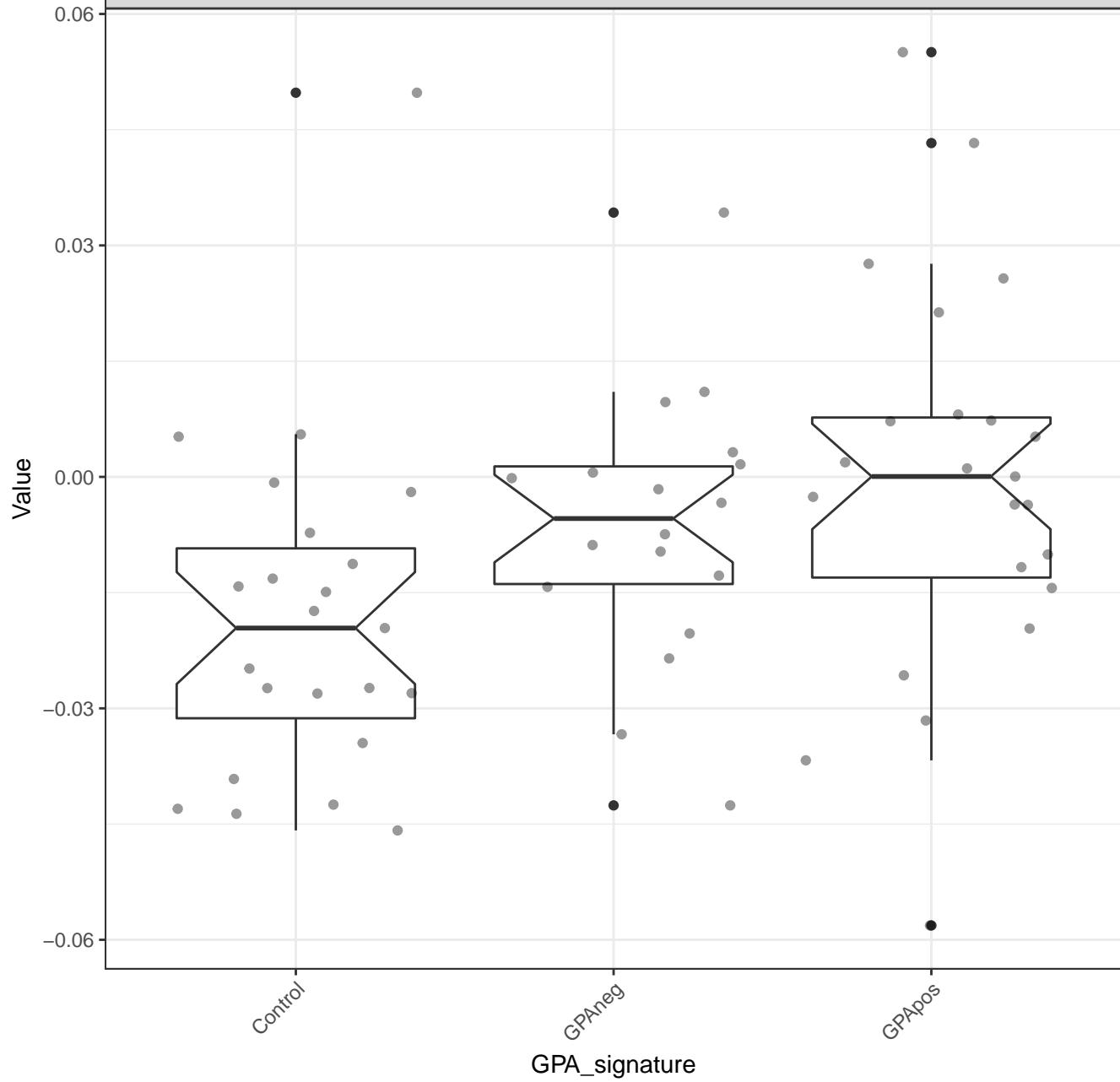
LV 690



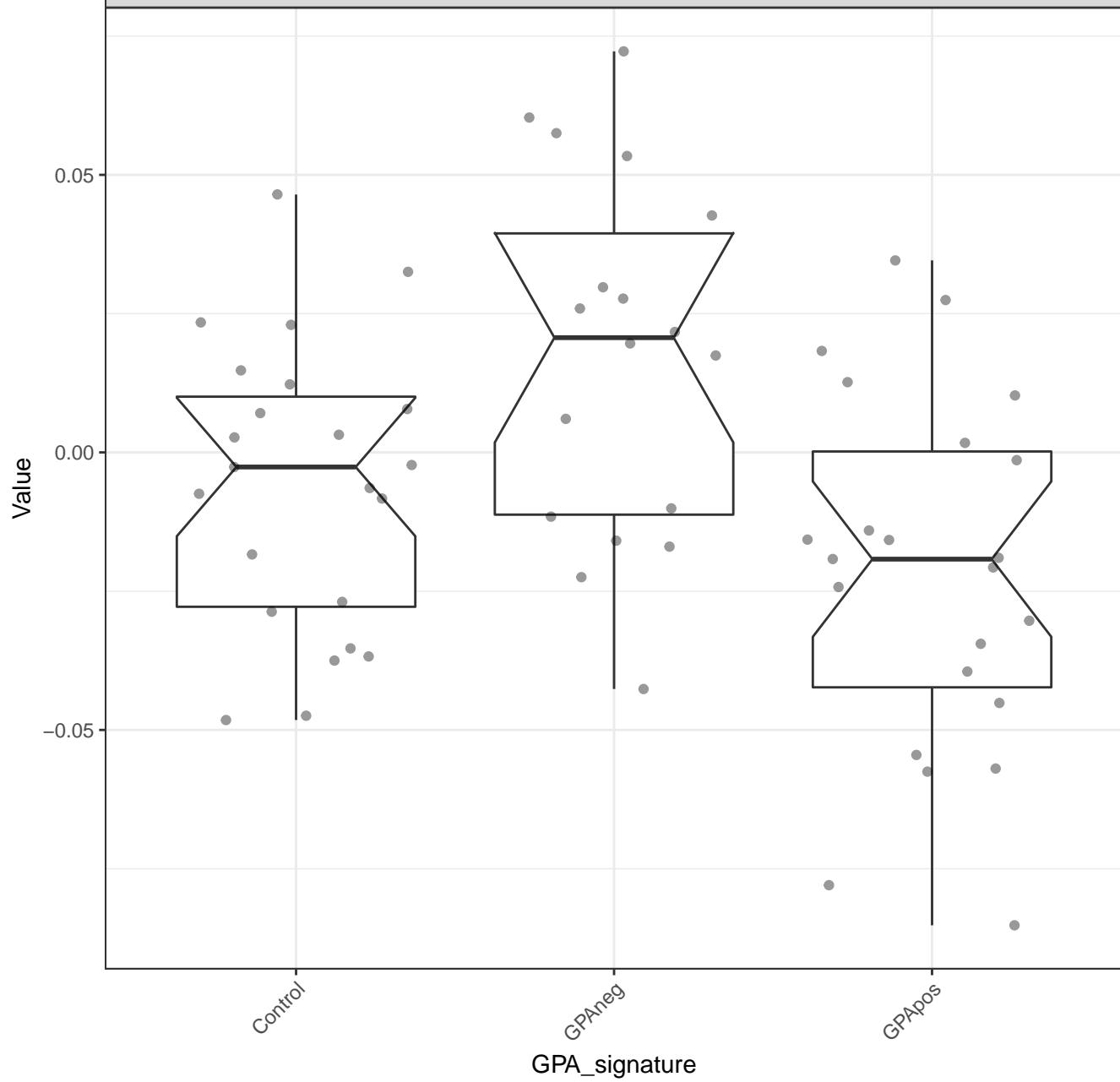
Value

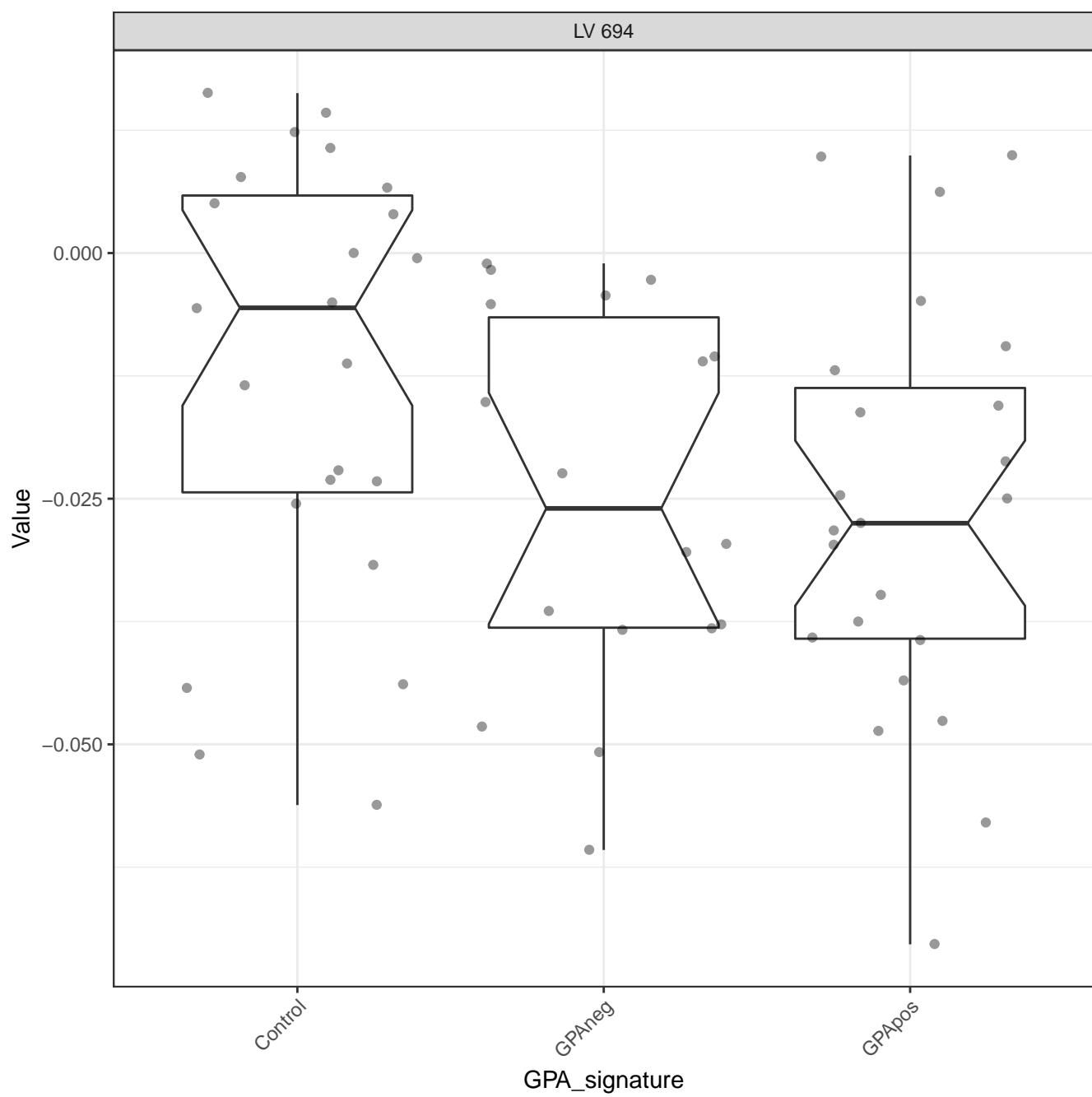


LV 692

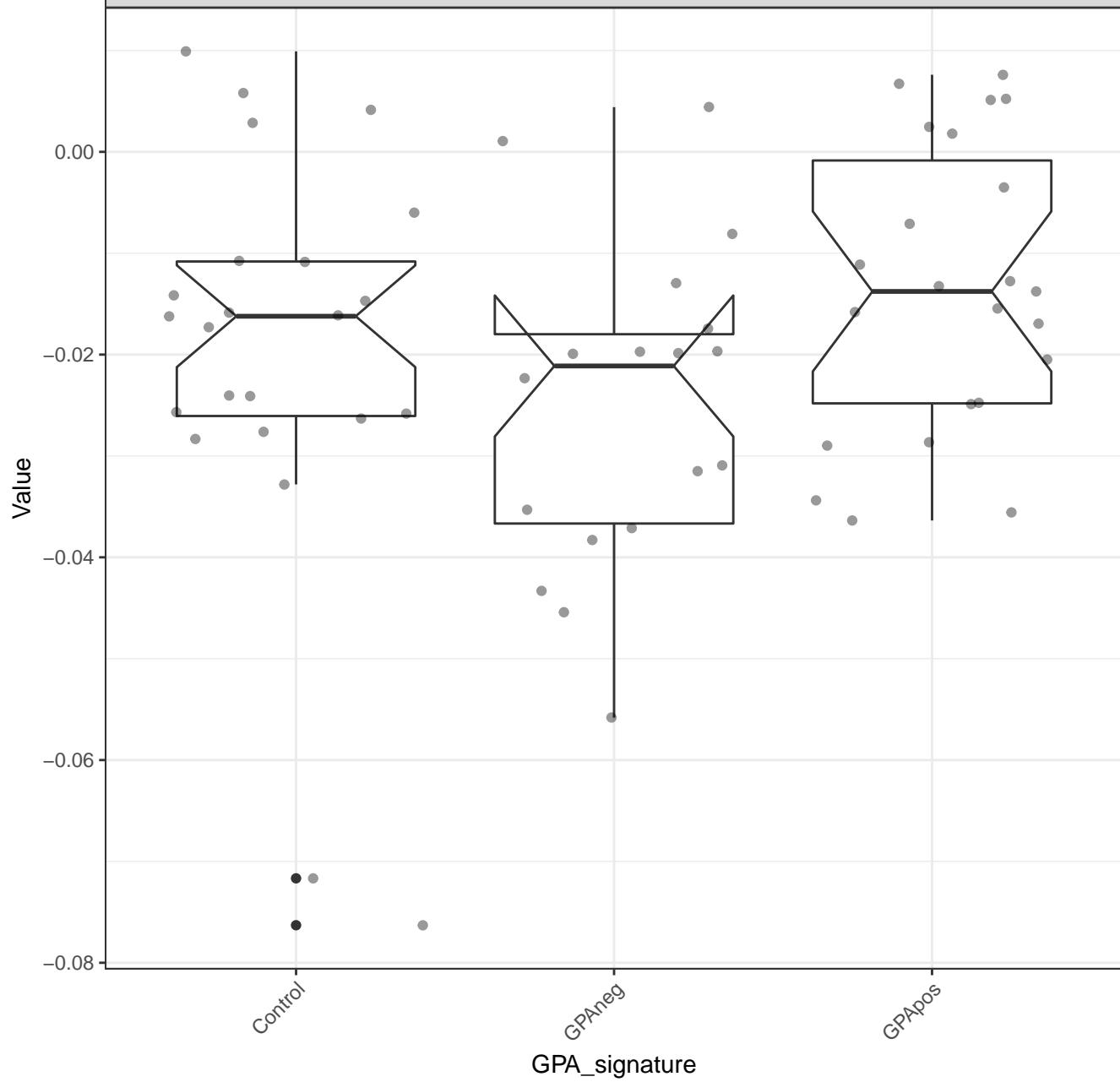


LV 693

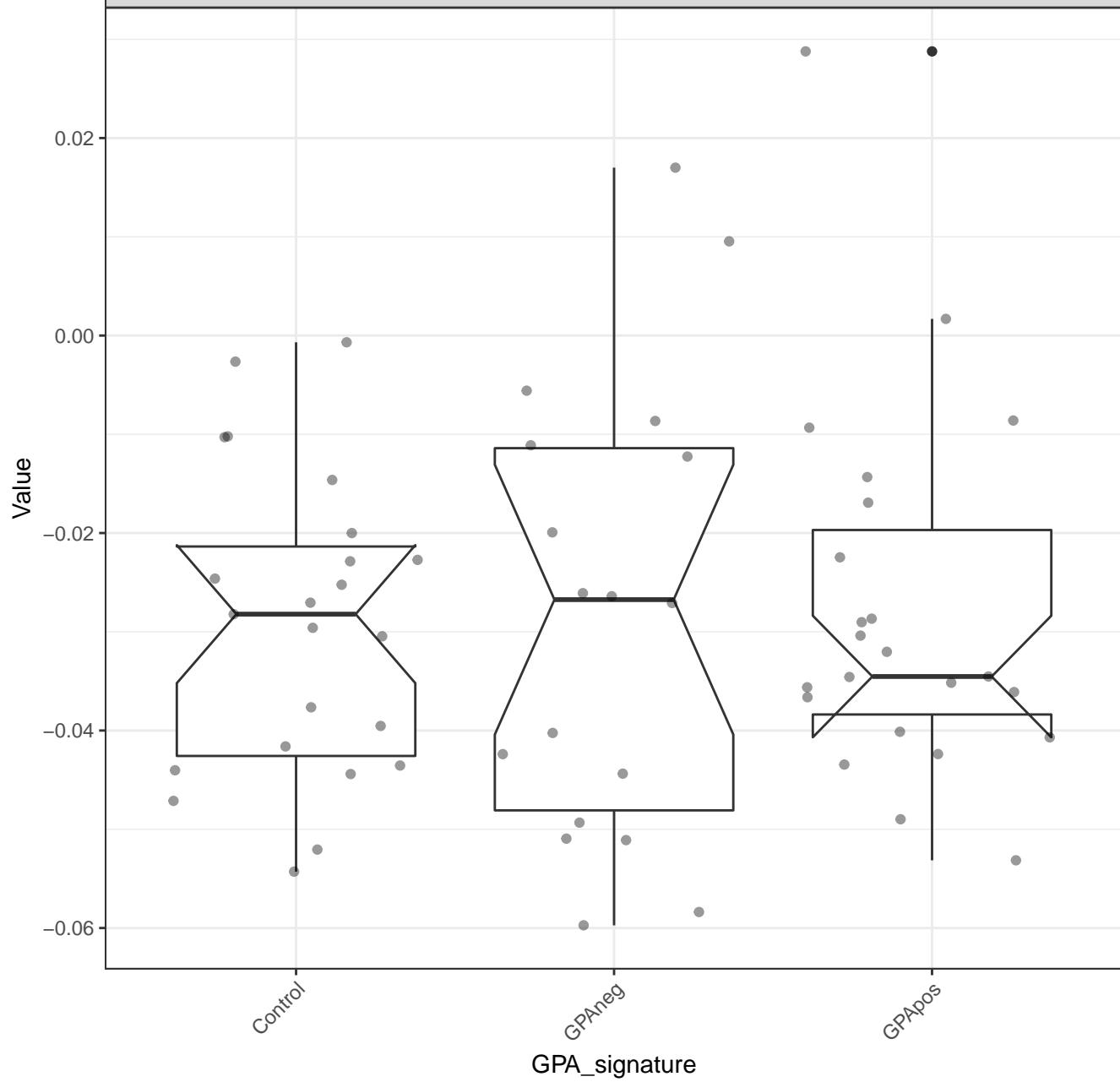




LV 695



LV 696



LV 697

Value

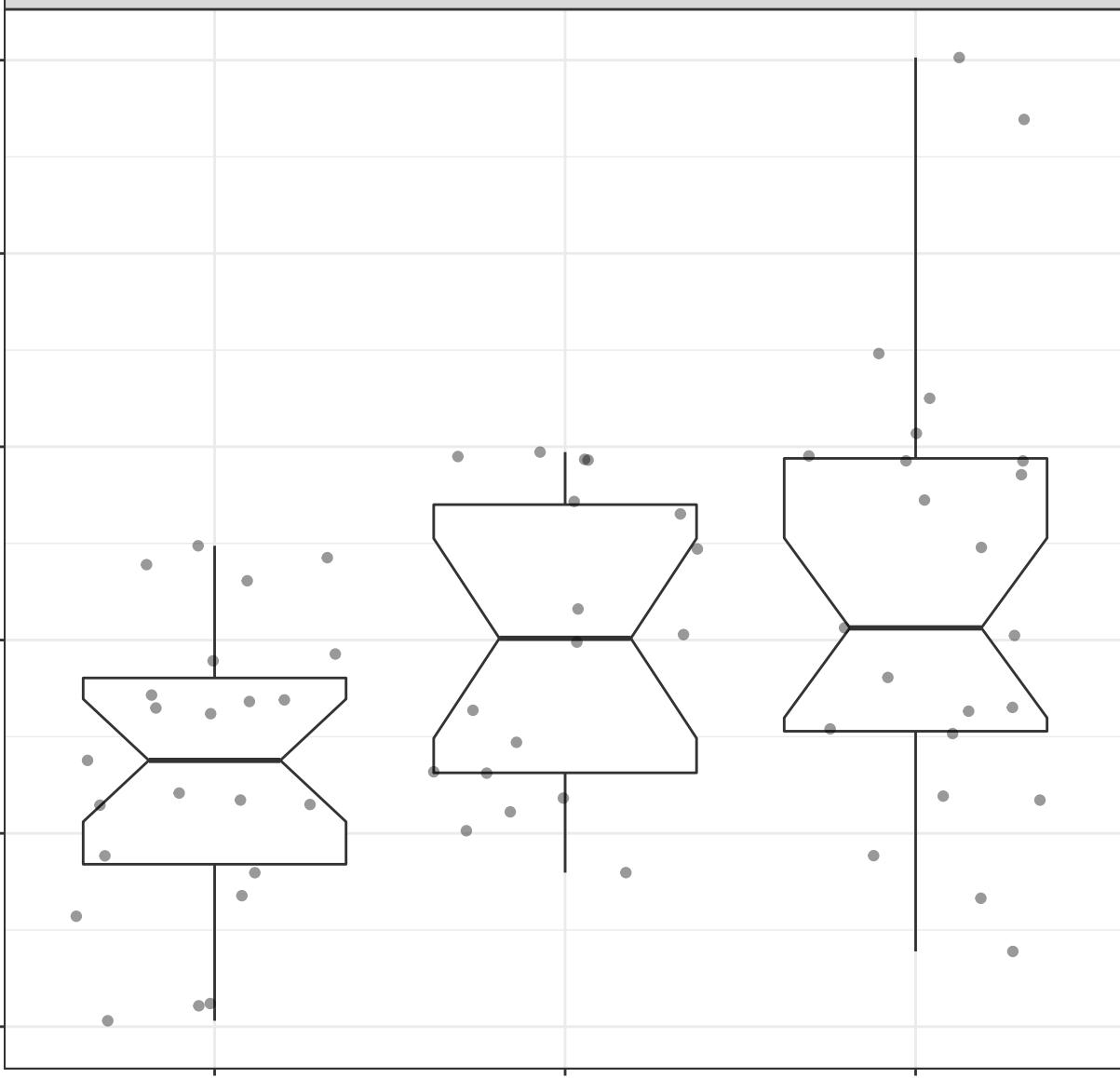
0.04
0.02
0.00
-0.02
-0.04
-0.06

Control

GPAneg

GPApos

GPA_signature



Value

0.05

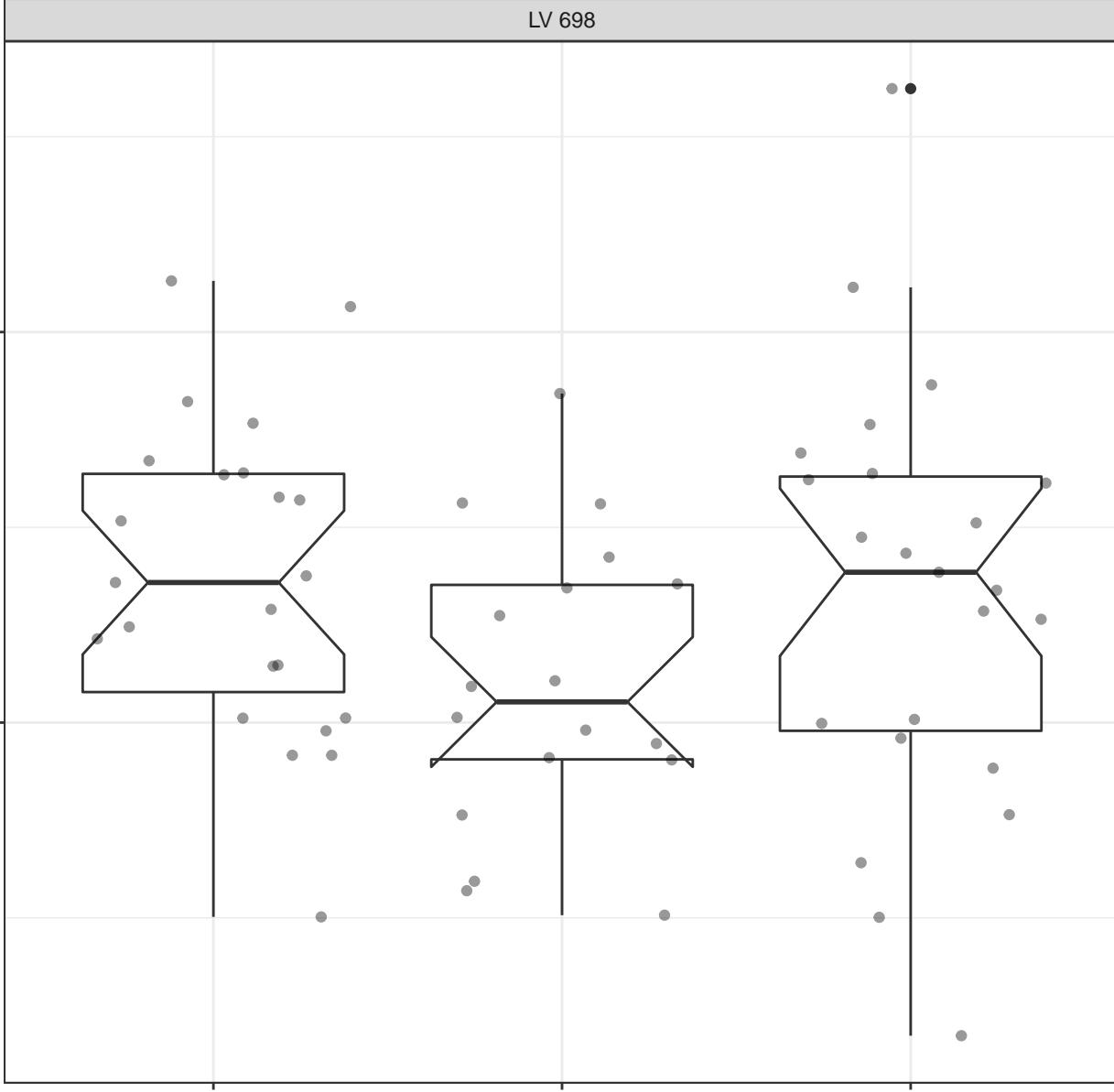
0.00

Control

GPA_signature

GPAneg

GPApos



LV 699

Value

0.05

0.00

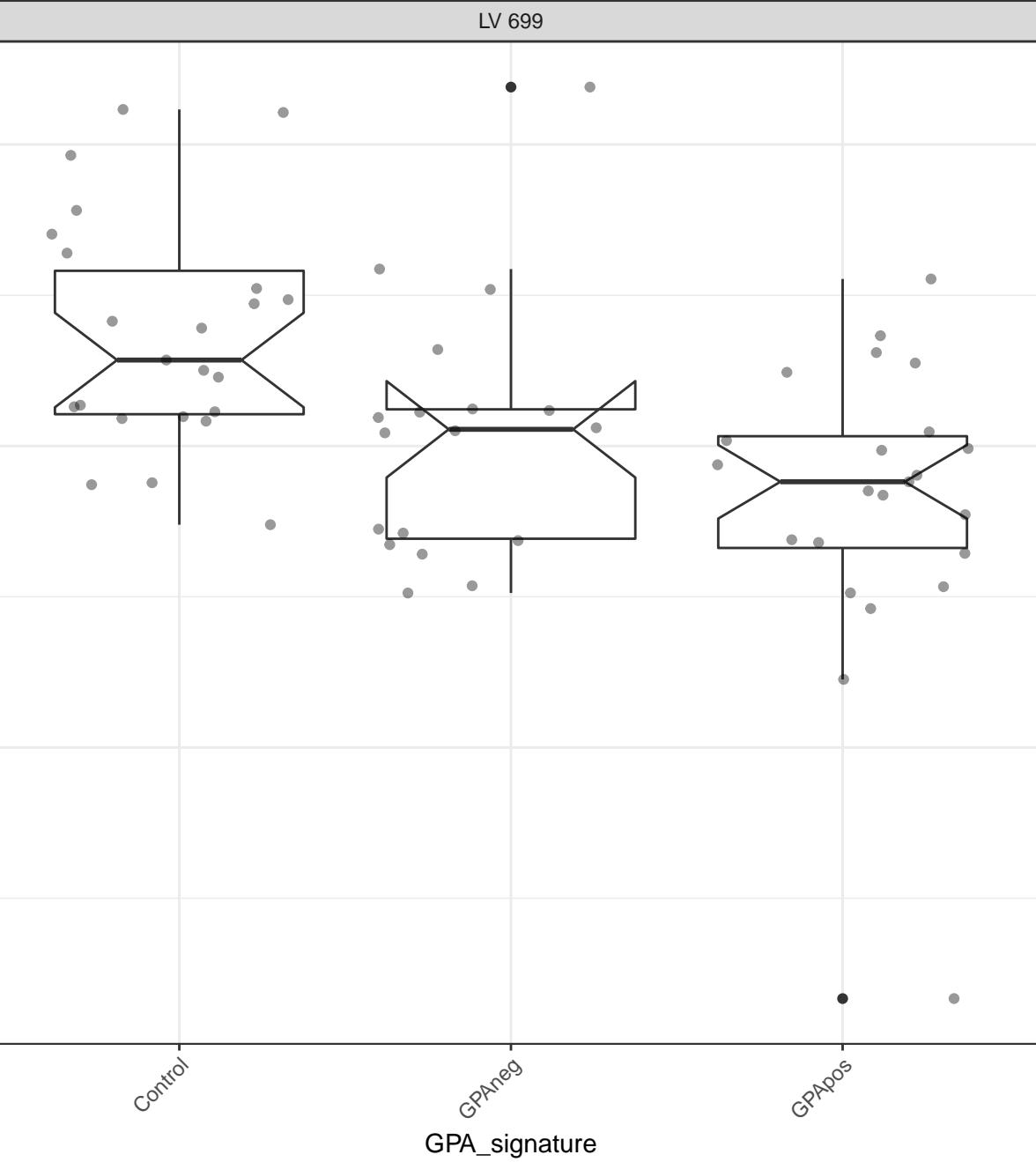
-0.05

Control

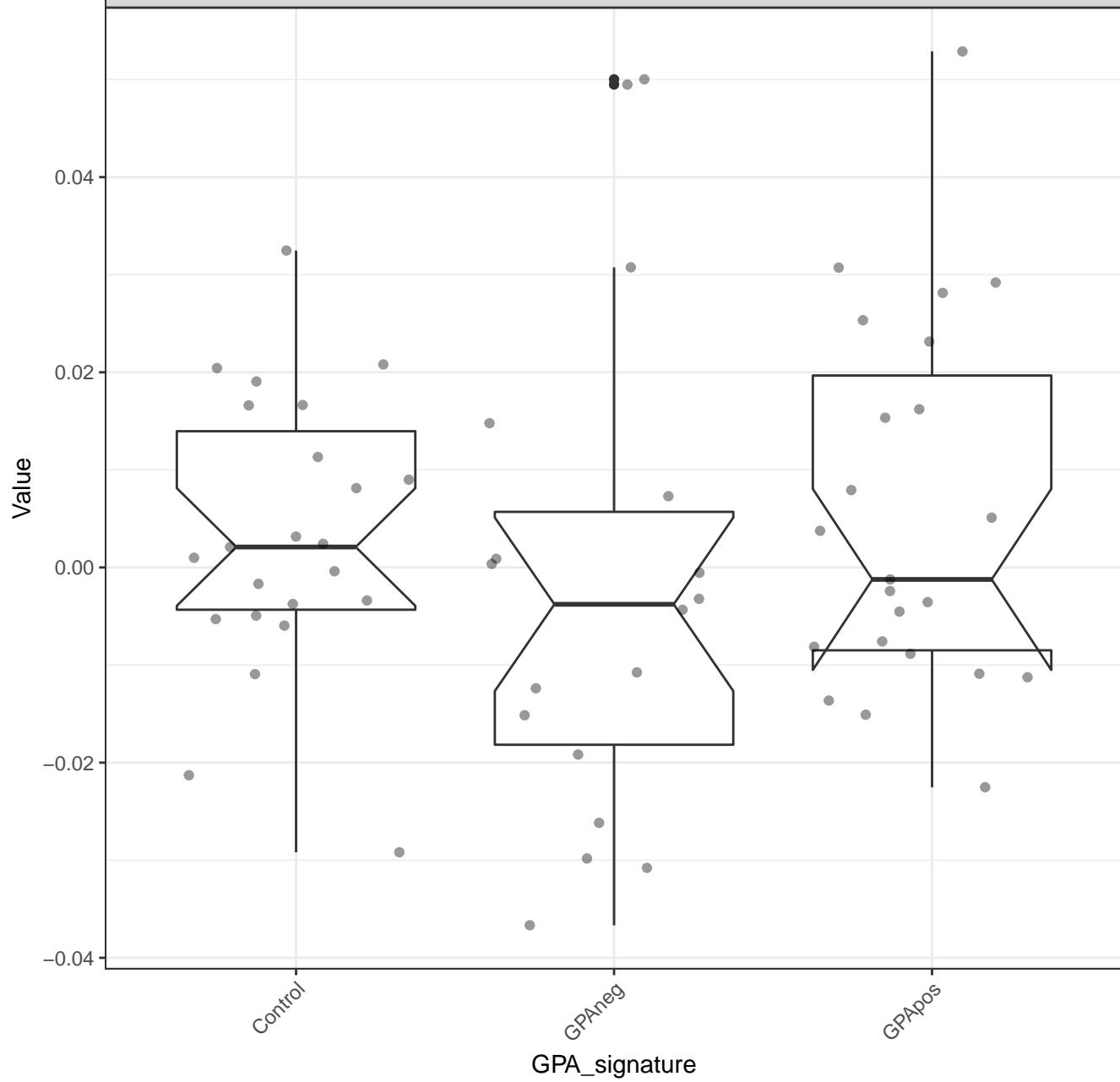
GPA_signature

GPAneg

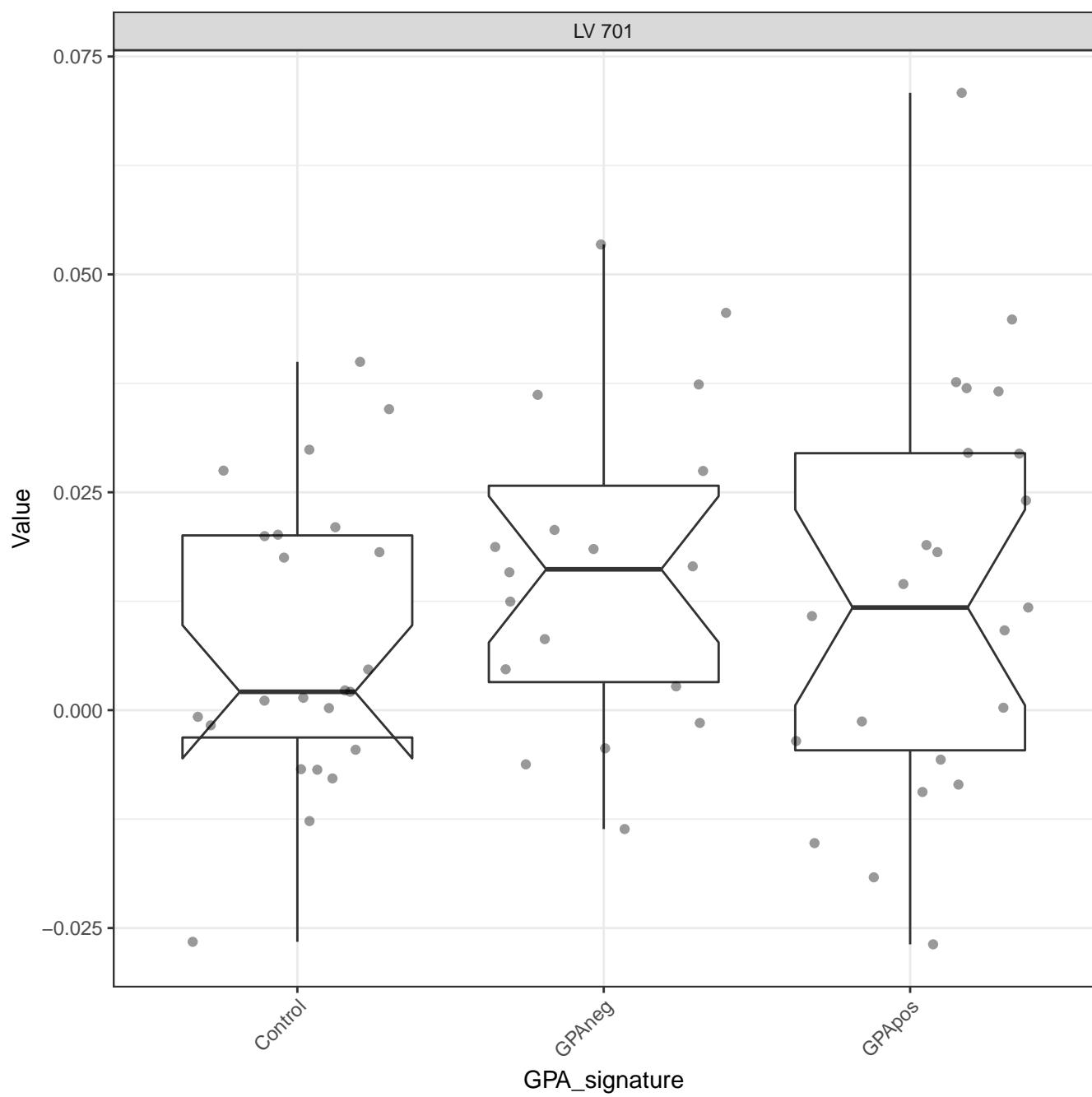
GPAPos



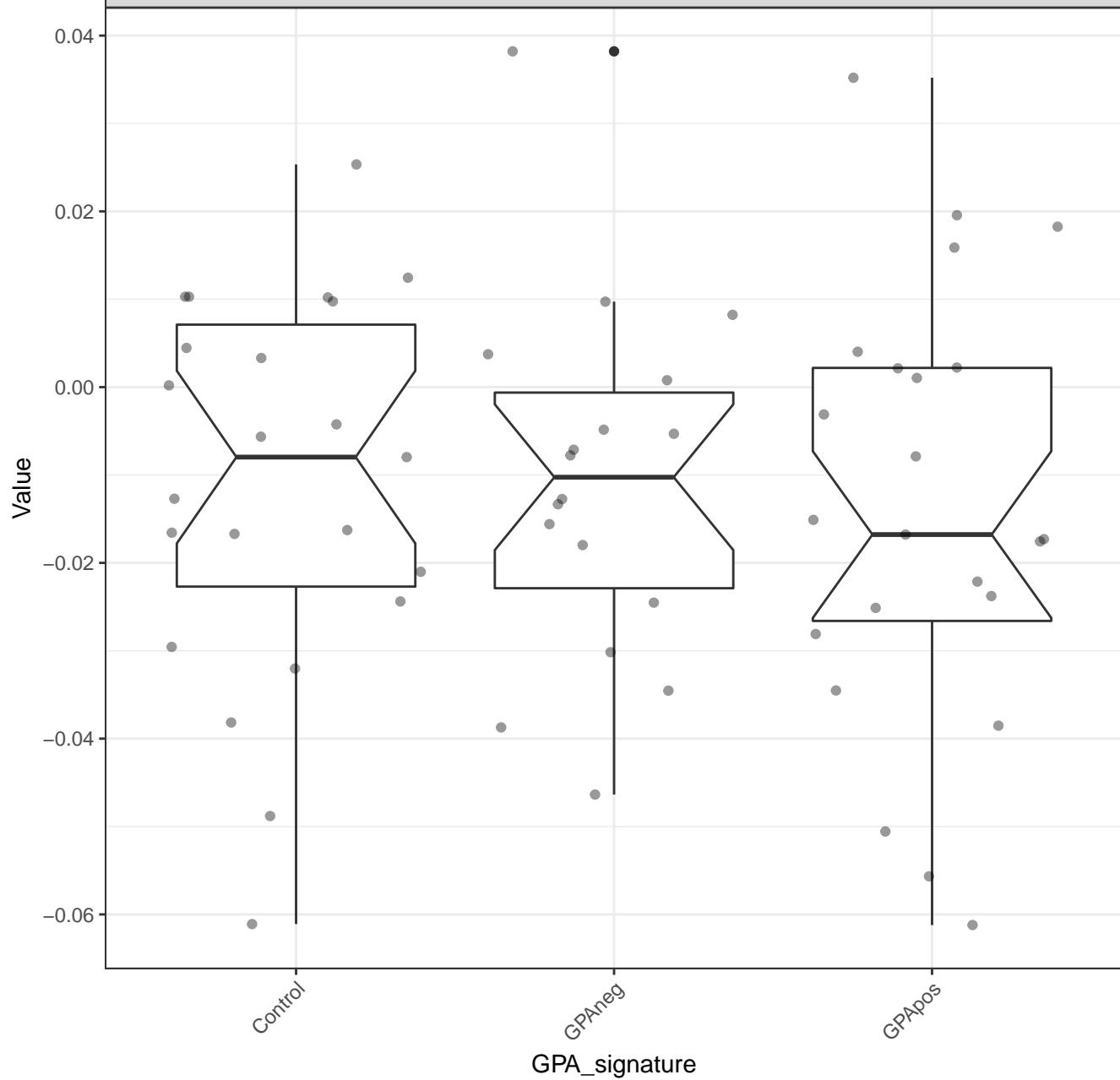
LV 700



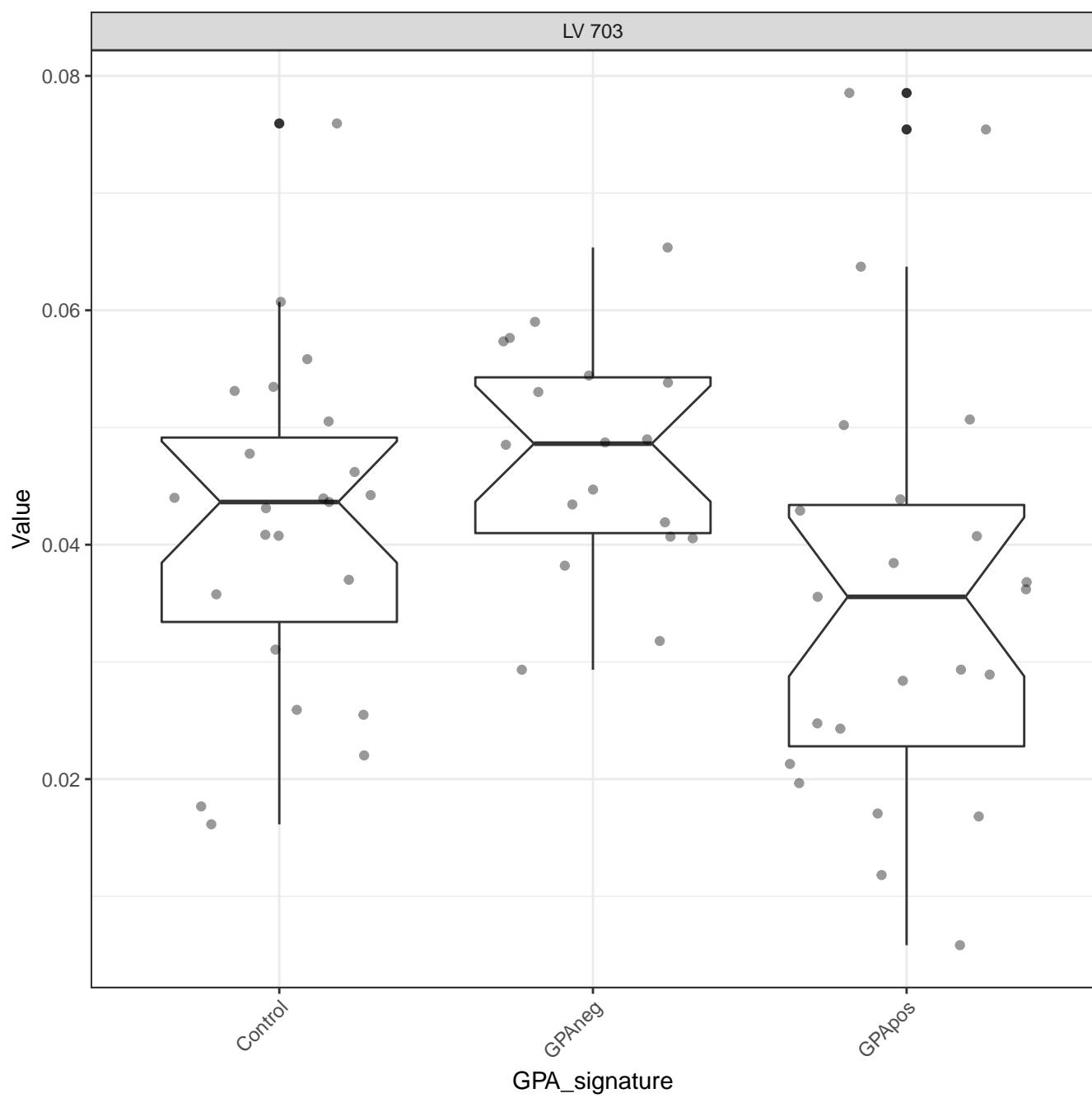
LV 701



LV 702



LV 703



LV 704

Value

0.050

0.025

0.000

-0.025

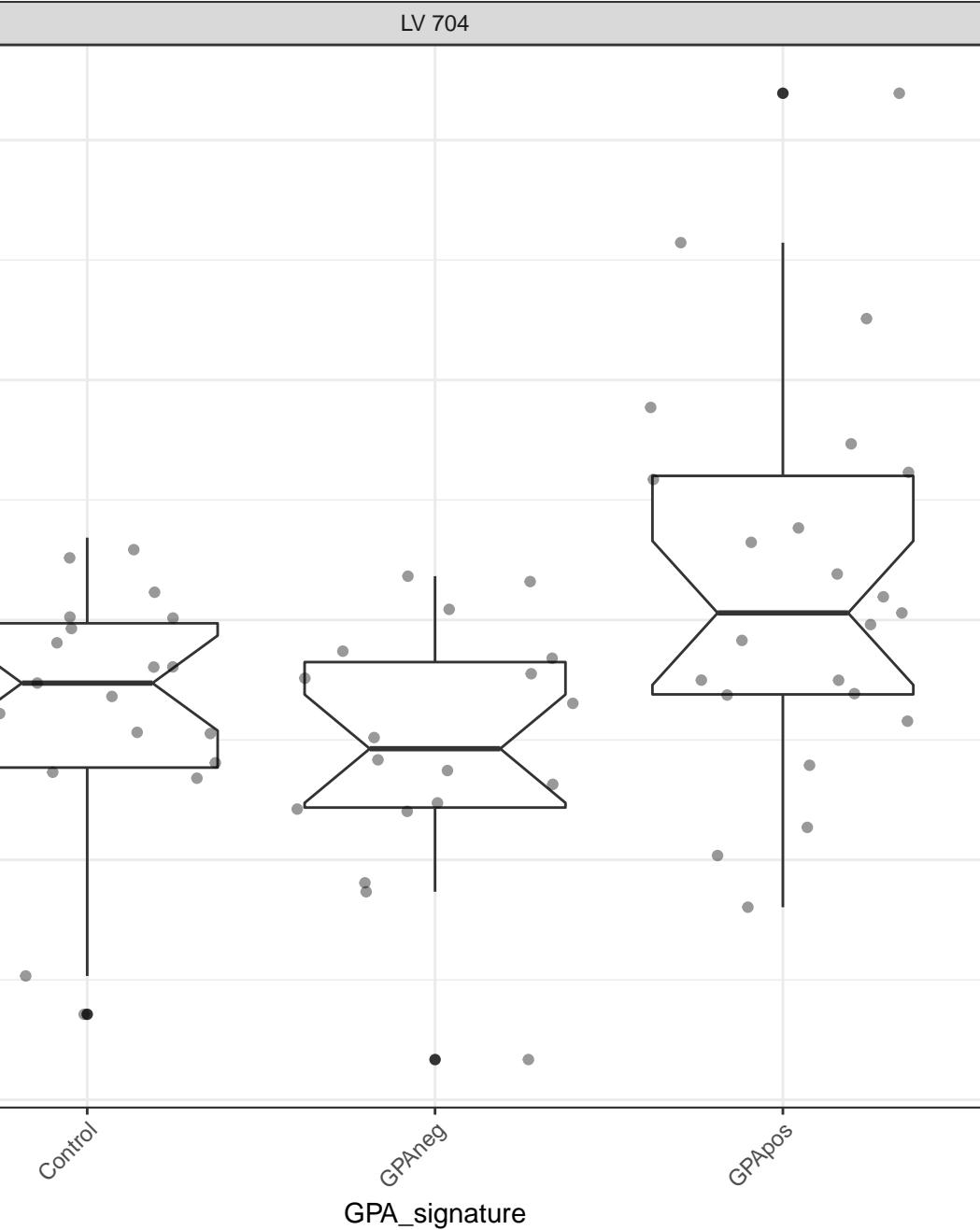
-0.050

Control

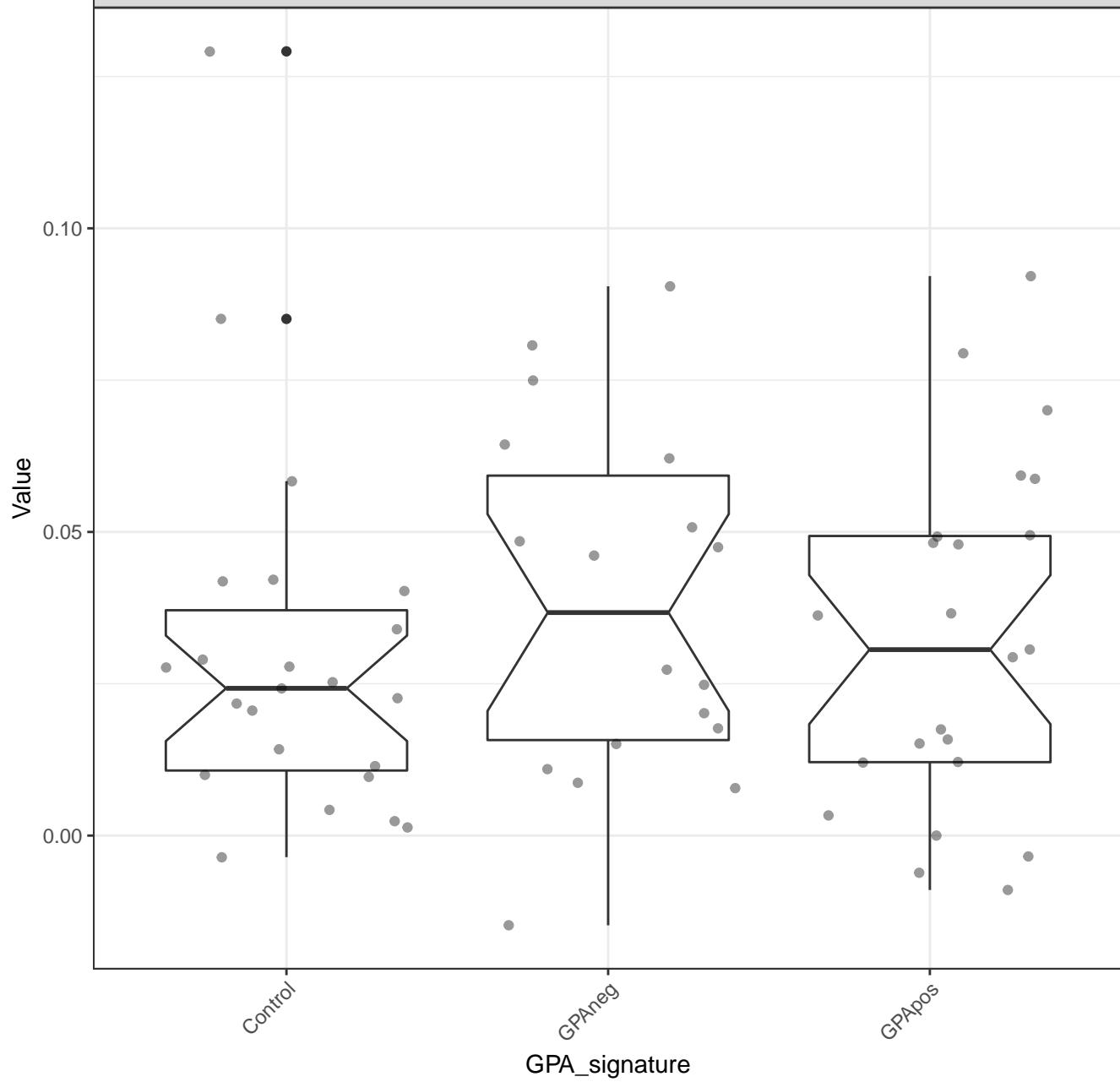
GPA_signature

GPAneg

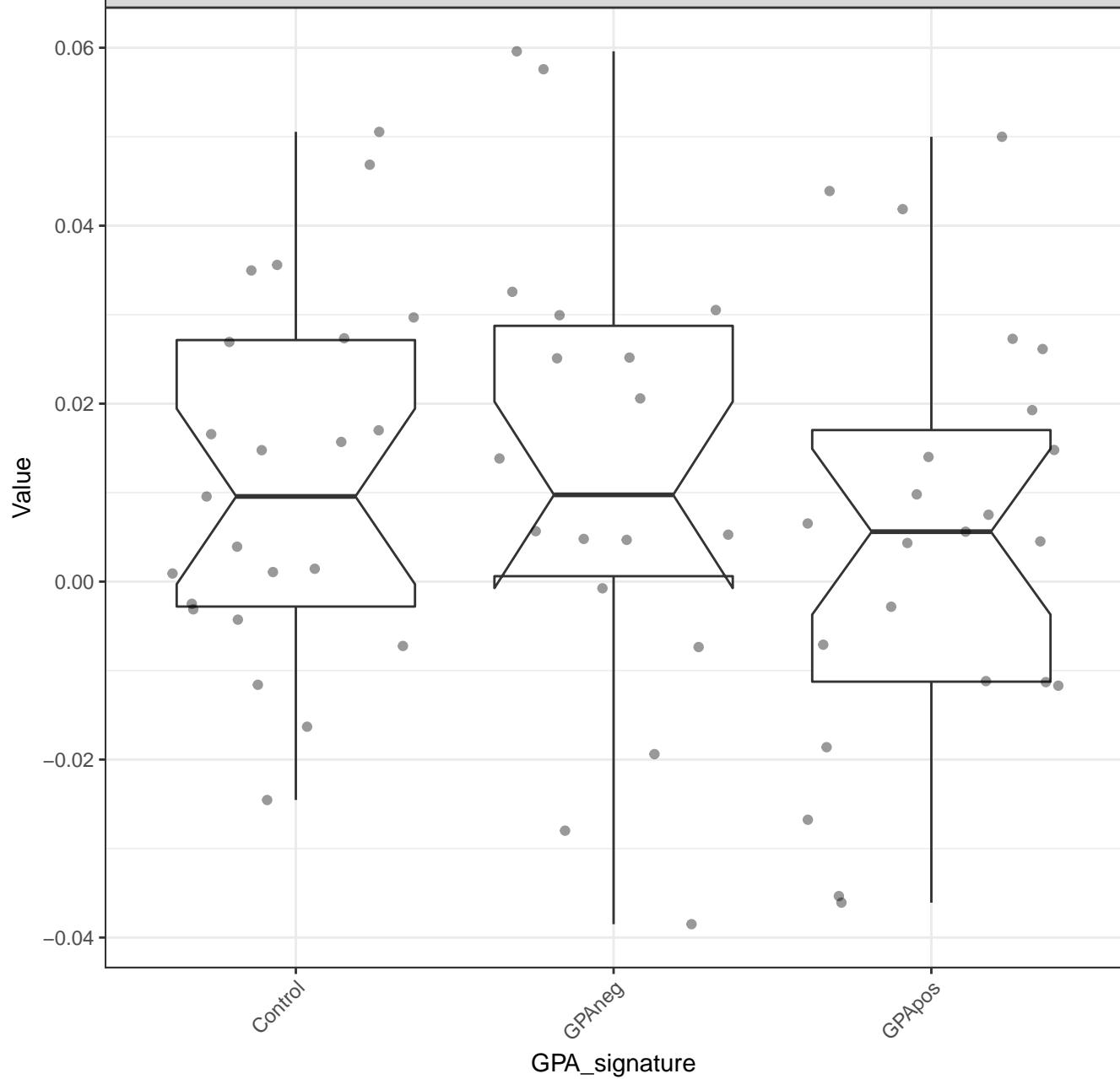
GPAPos



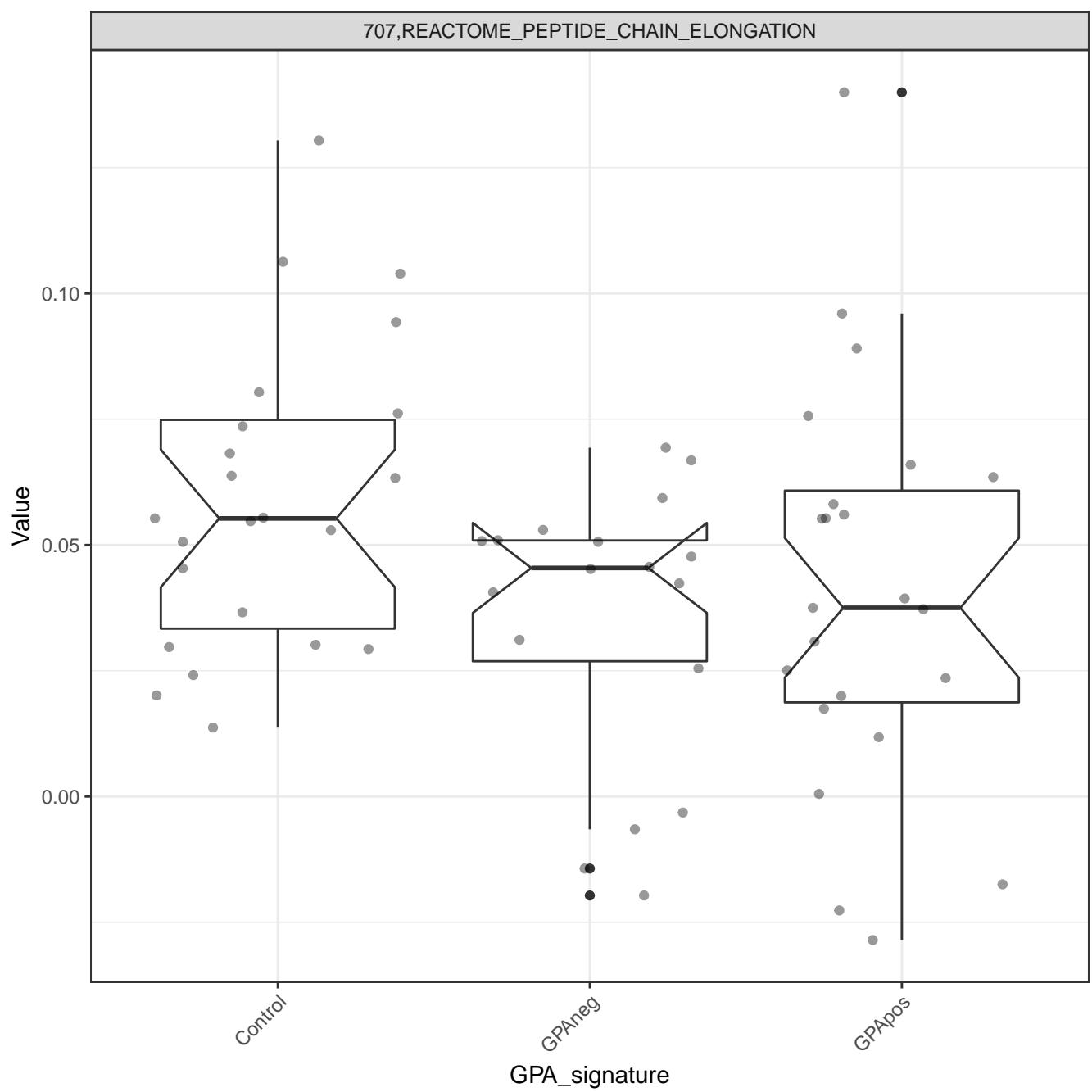
705,SVM NK cells activated



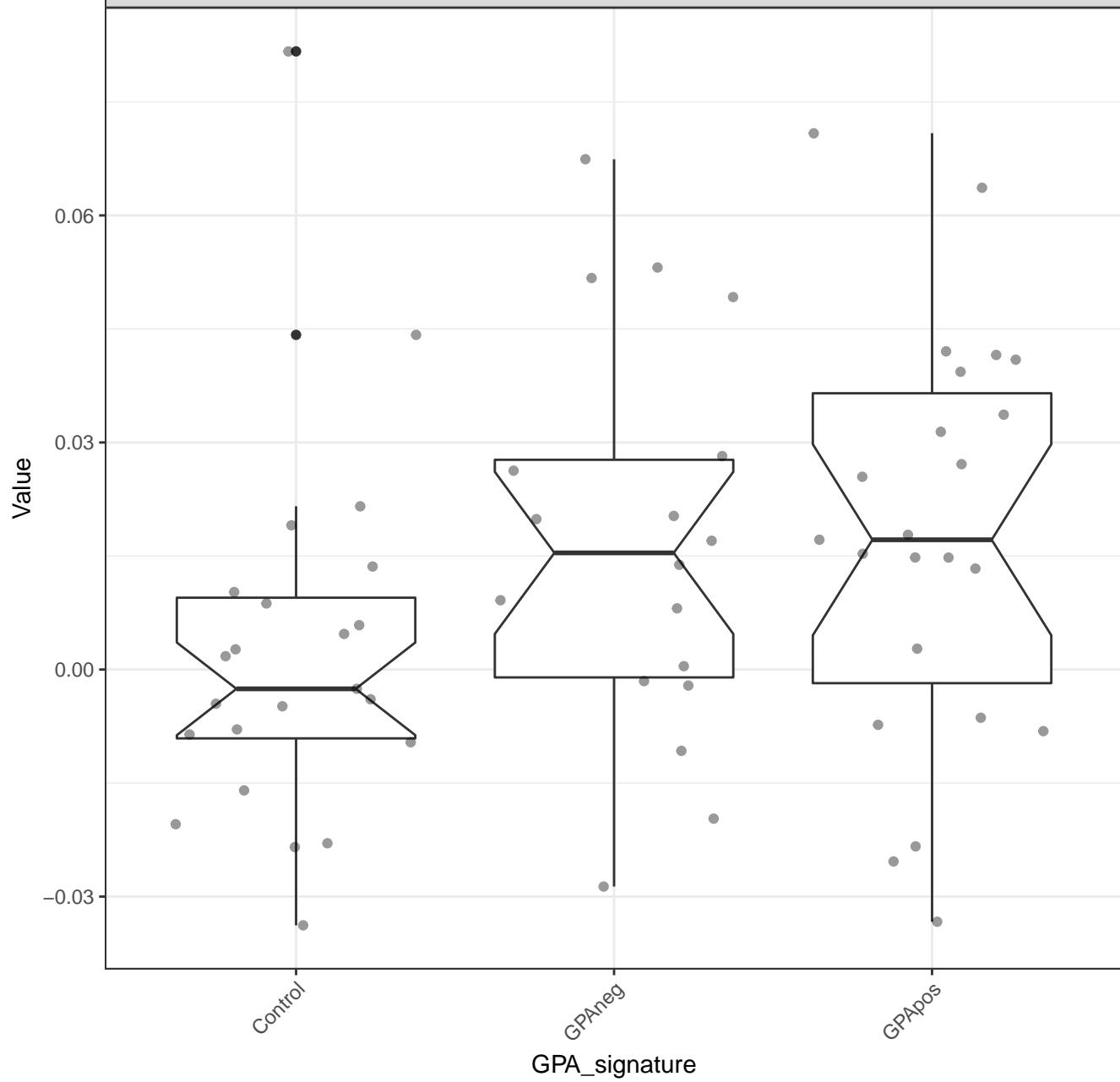
LV 706



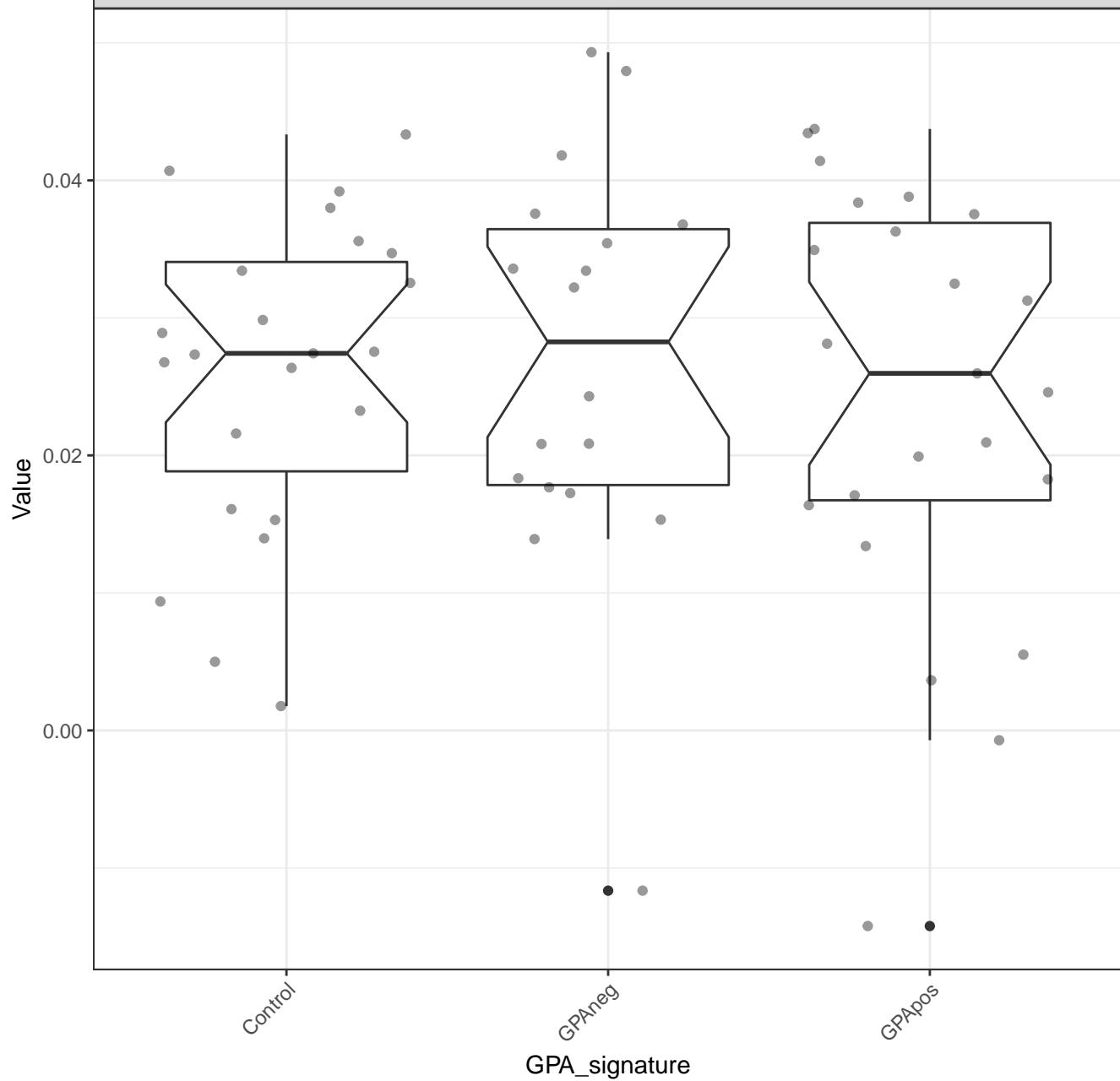
707,REACTOME_PEPTIDE_CHAIN_ELONGATION



LV 708



LV 709



Value

0.05

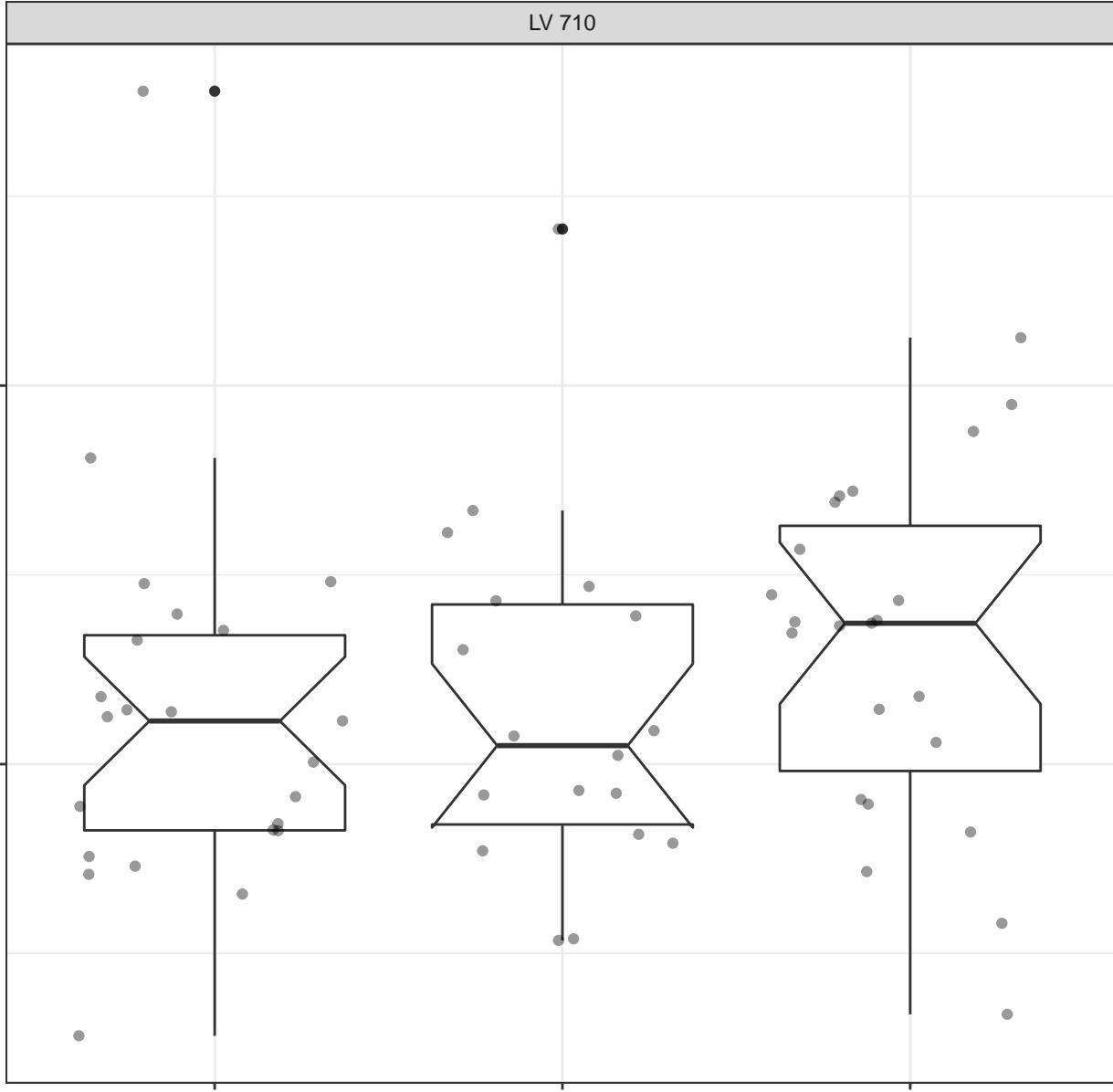
0.00

Control

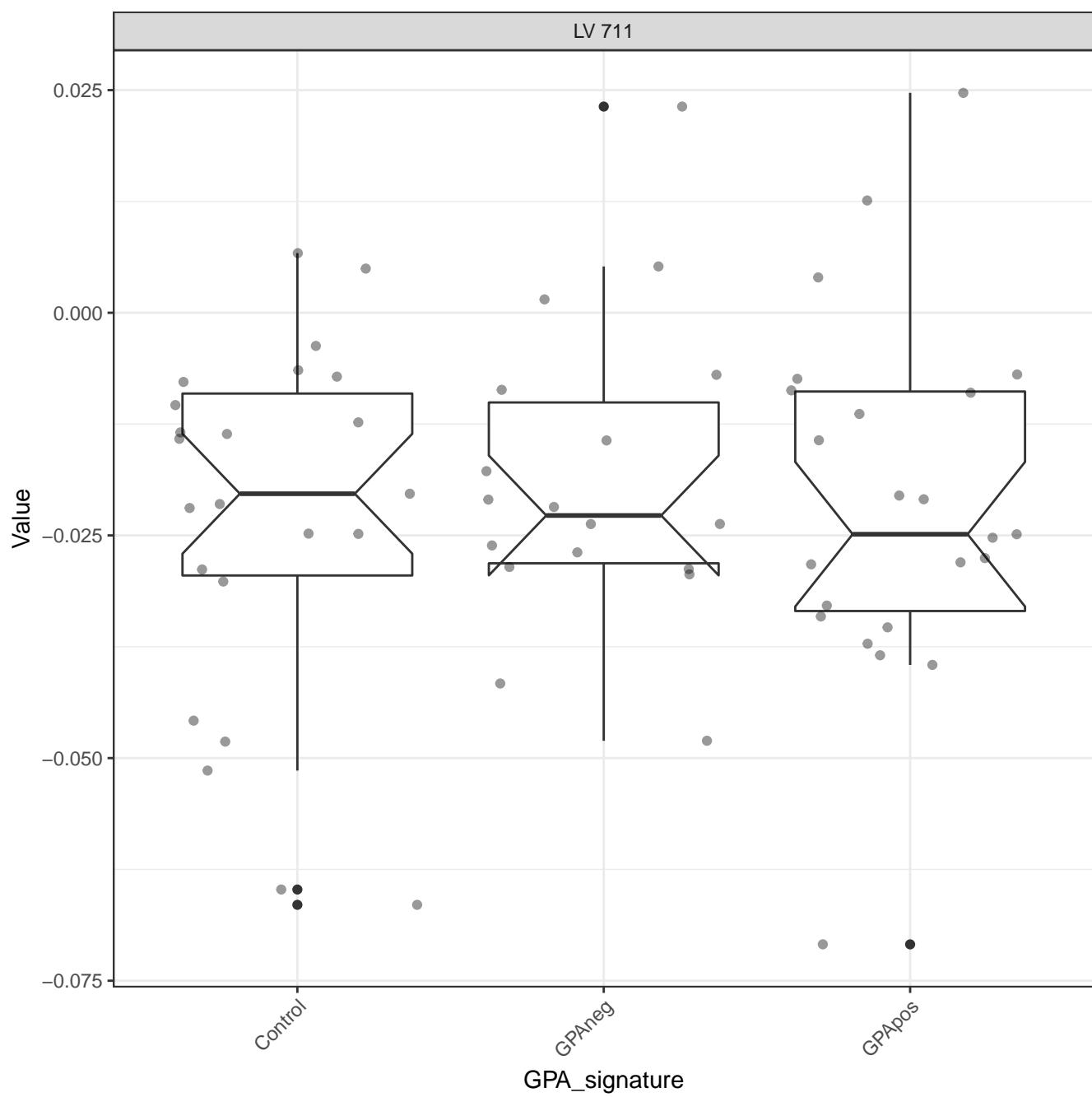
GPA_signature

GPAneg

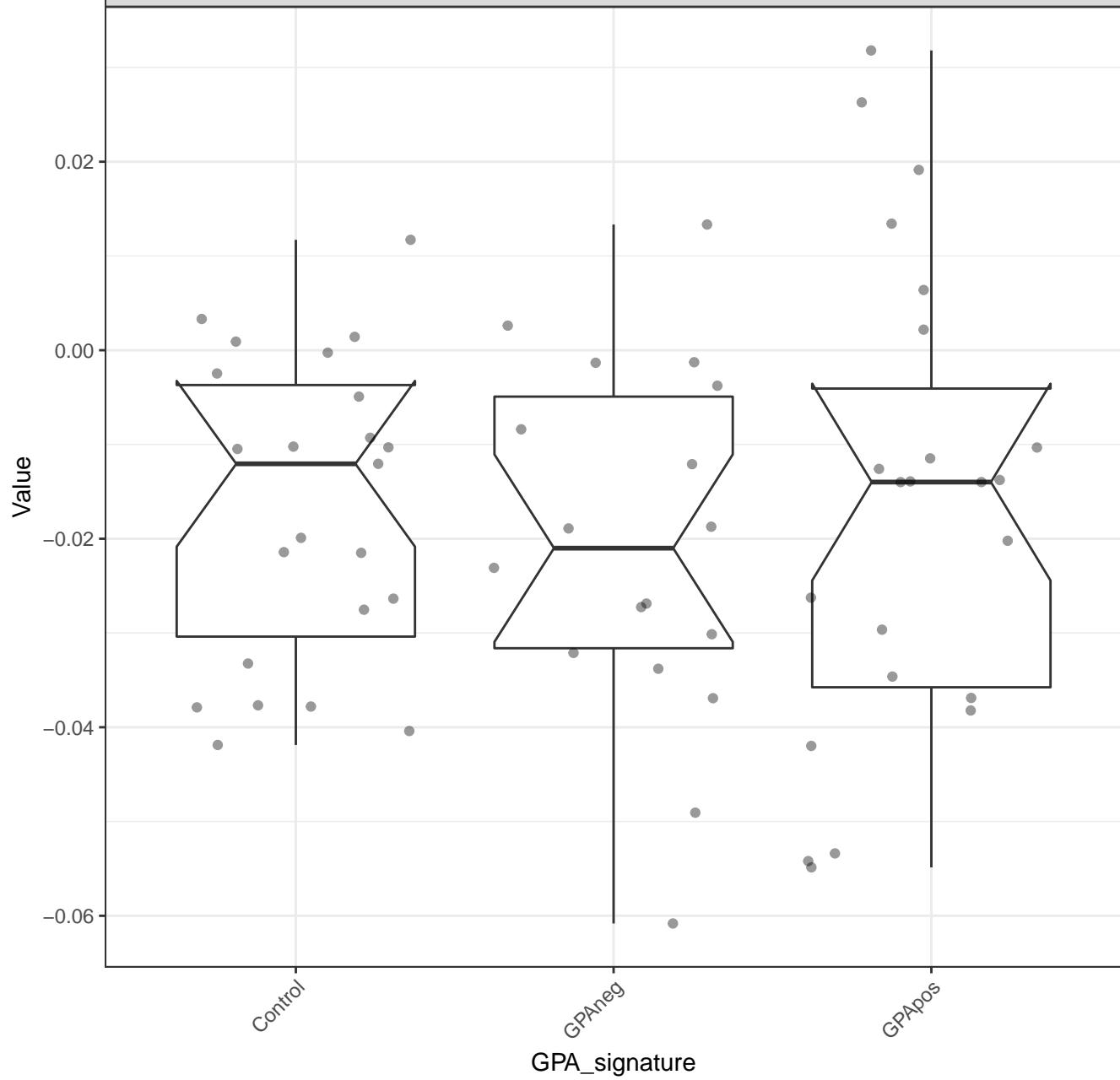
GPApos

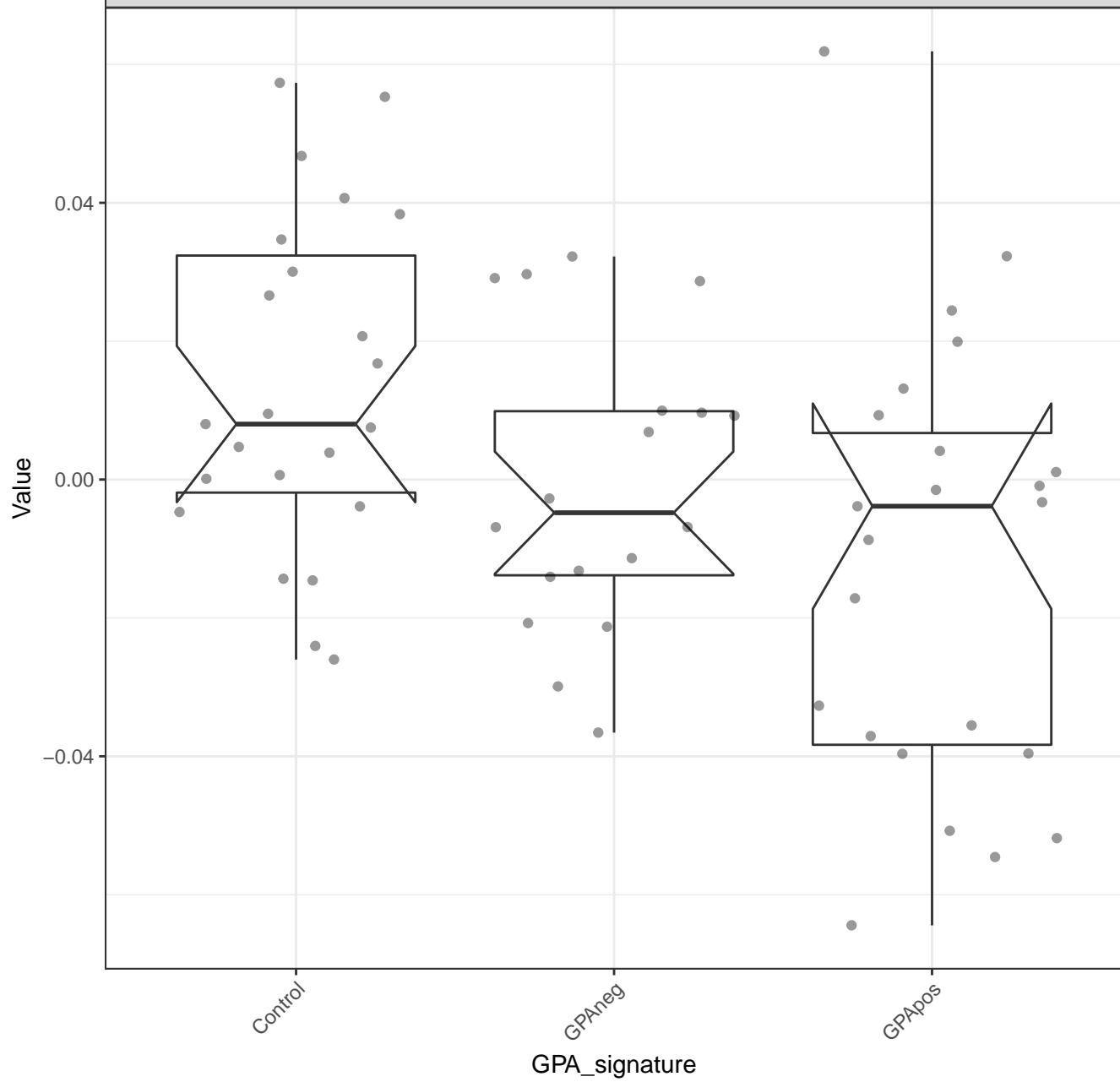


LV 711

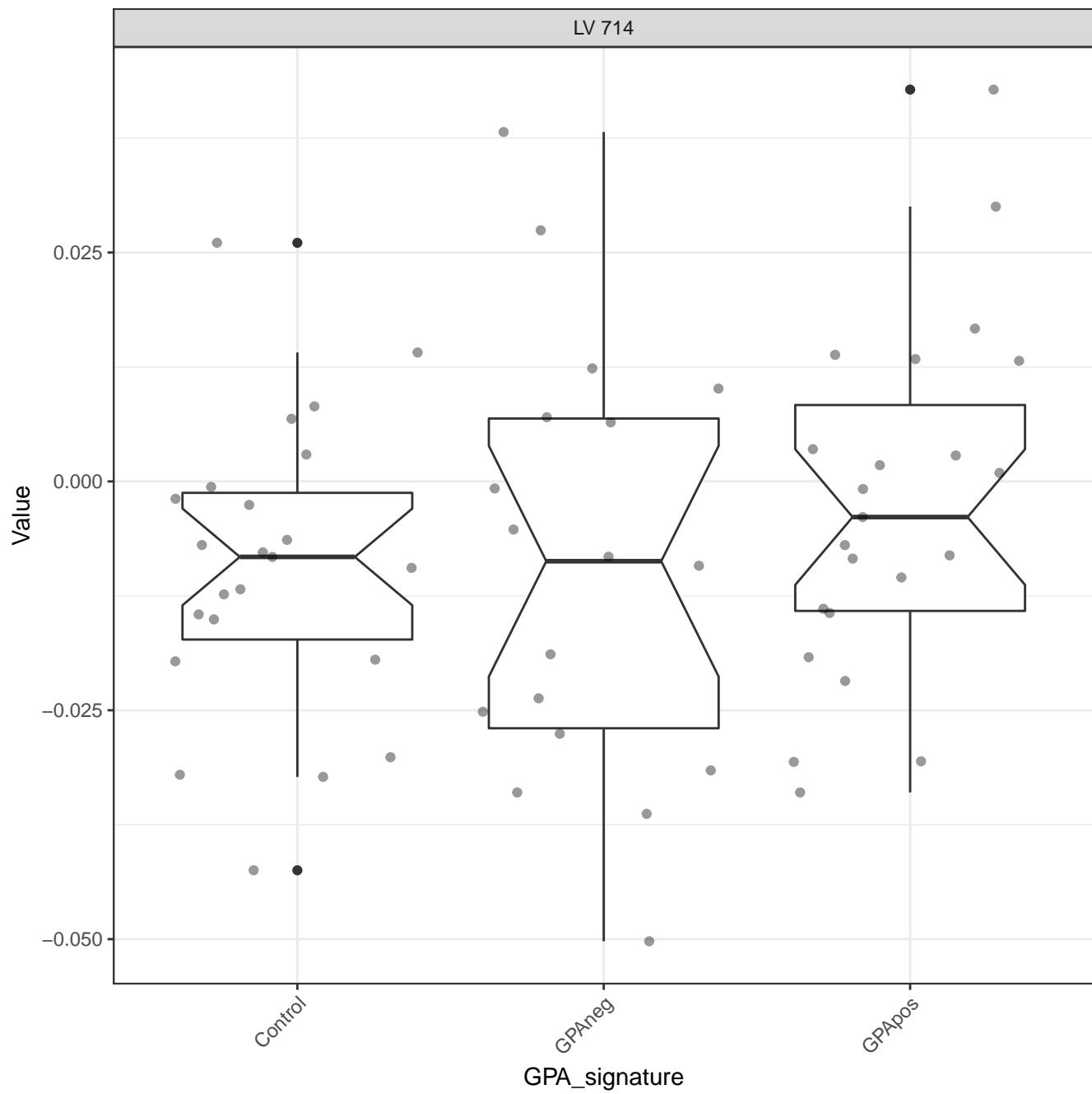


LV 712





LV 714



LV 715

Value

0.04

0.00

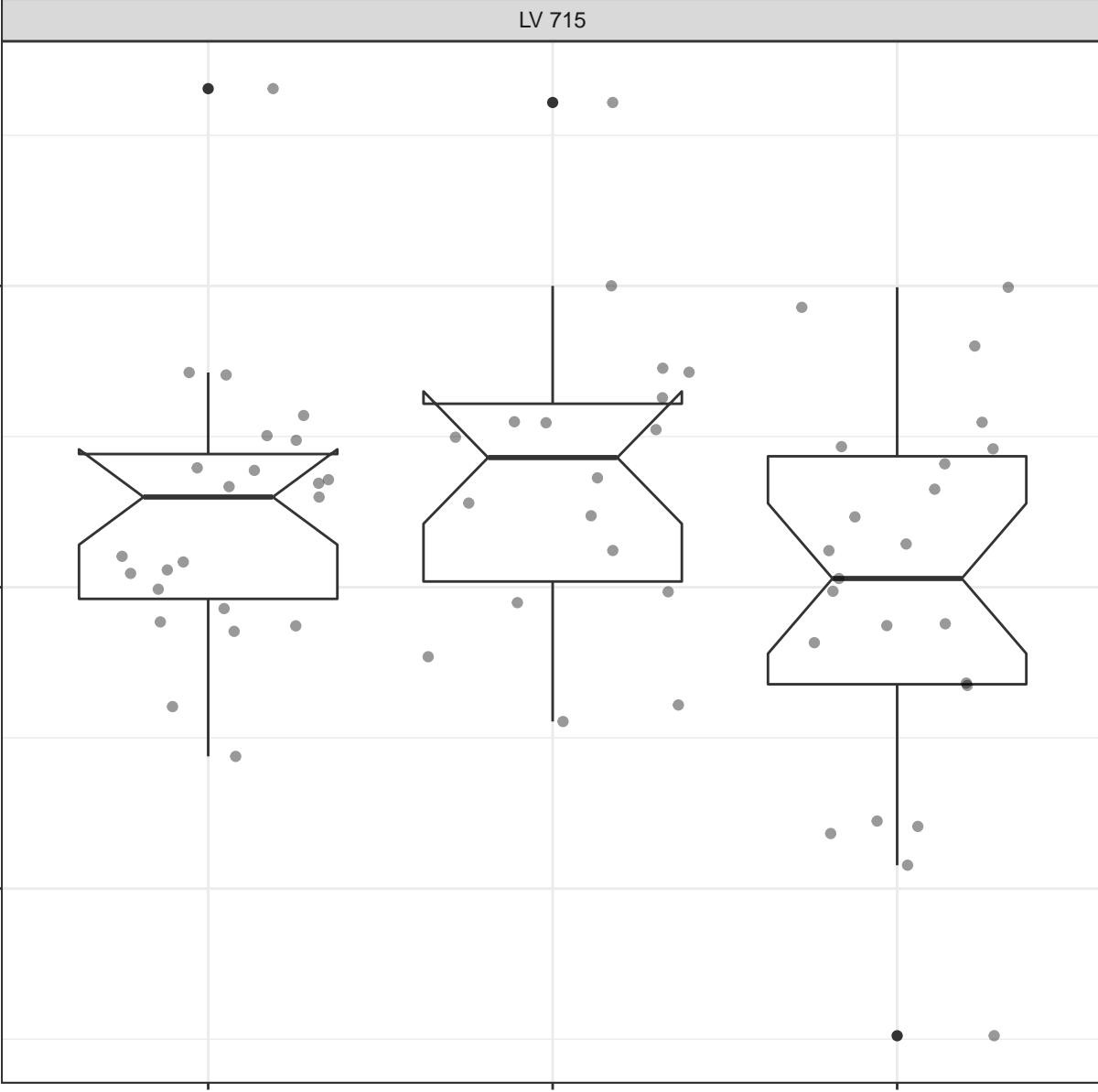
-0.04

Control

GPAneg

GPAPos

GPA_signature



LV 716

Value

0.06

0.03

0.00

-0.03

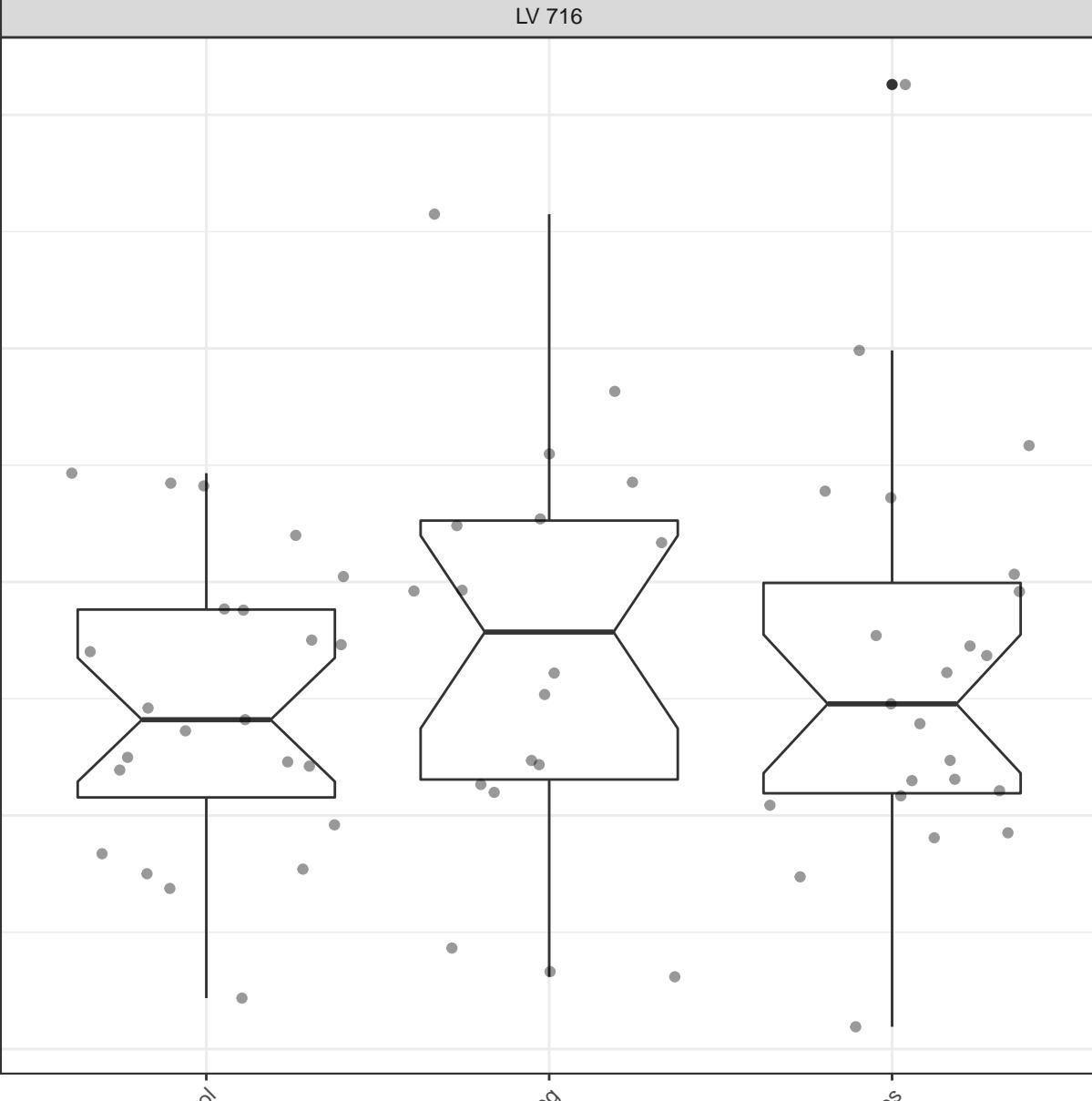
-0.06

Control

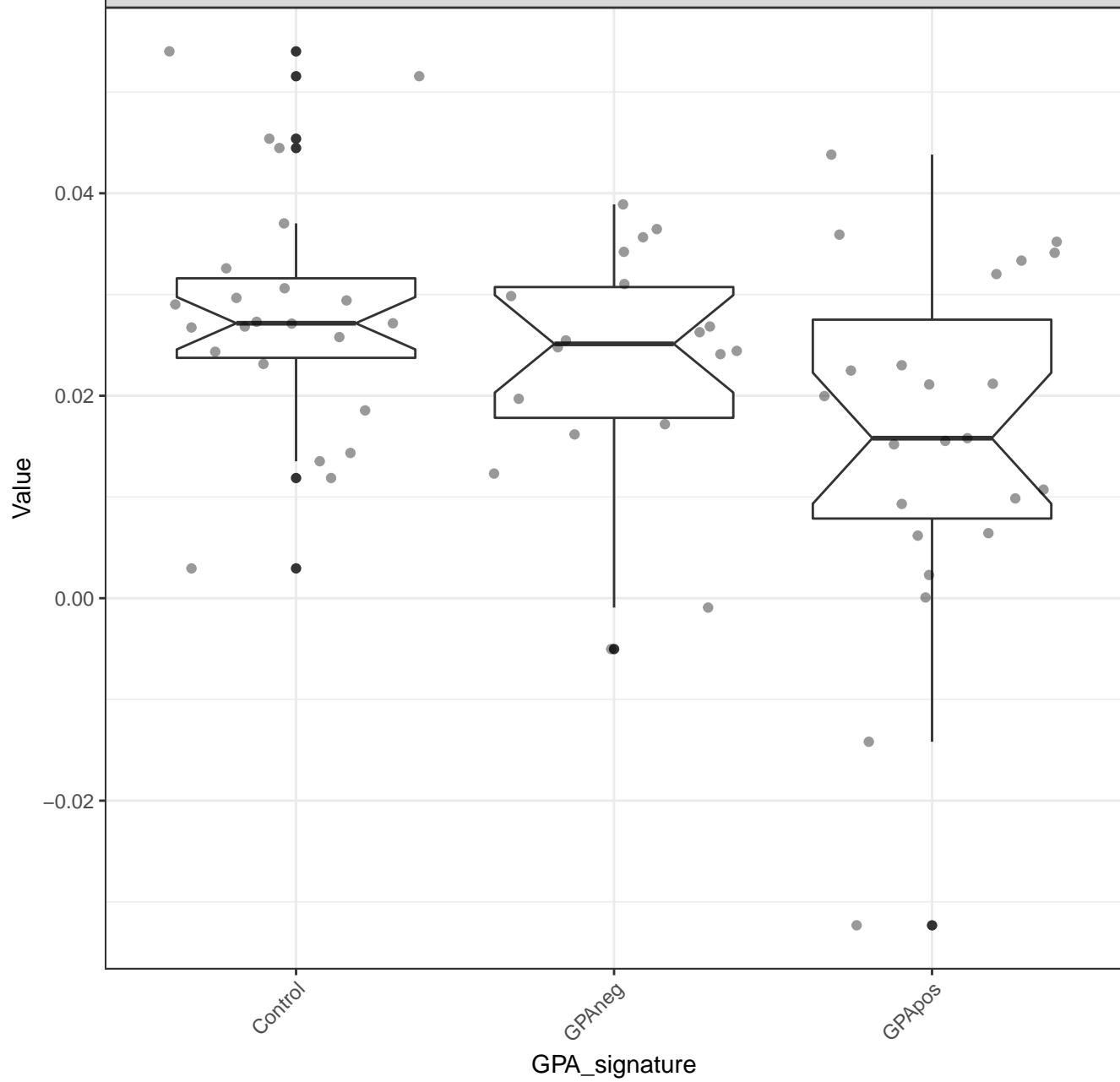
GPAneg

GPApos

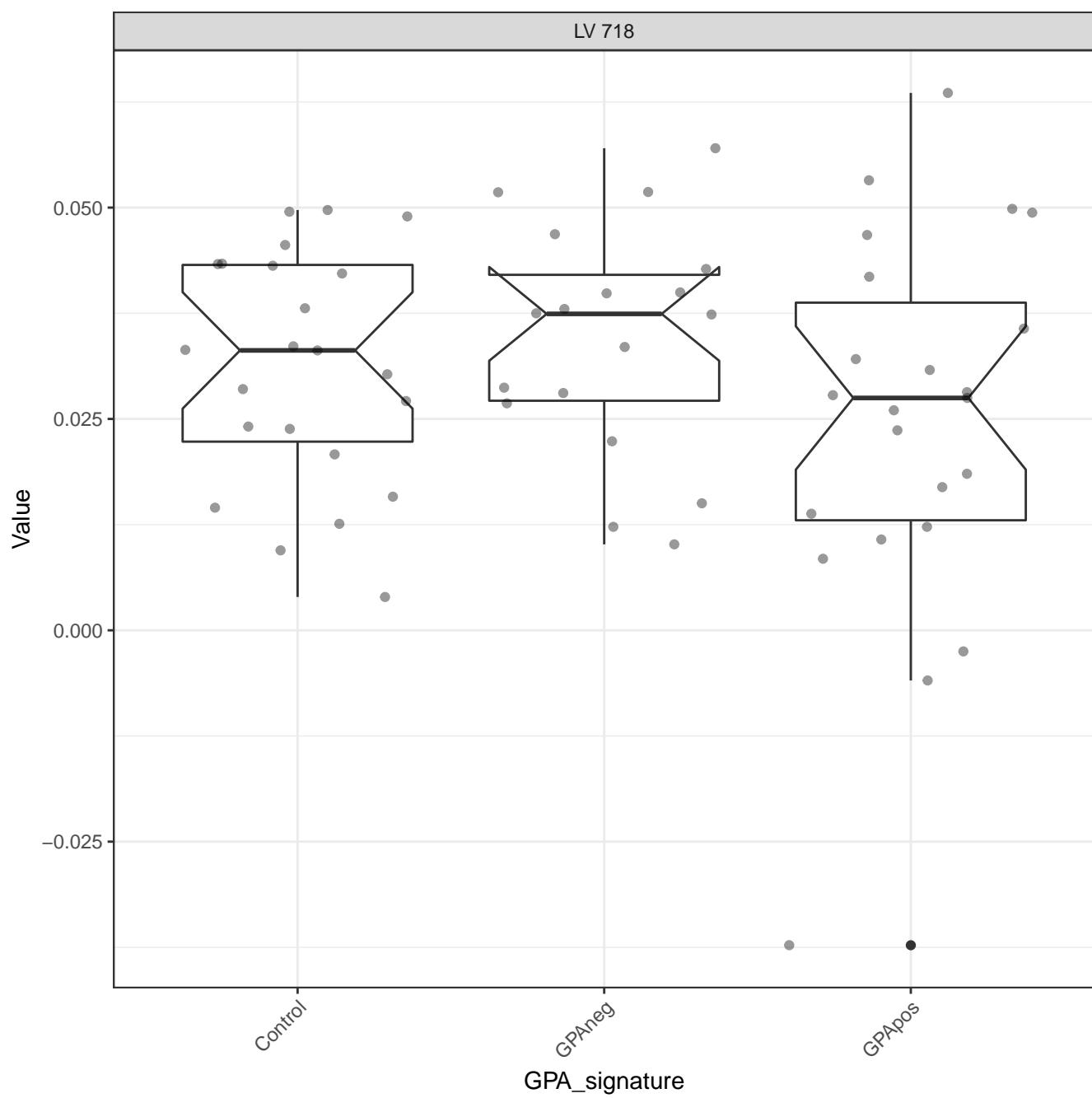
GPA_signature



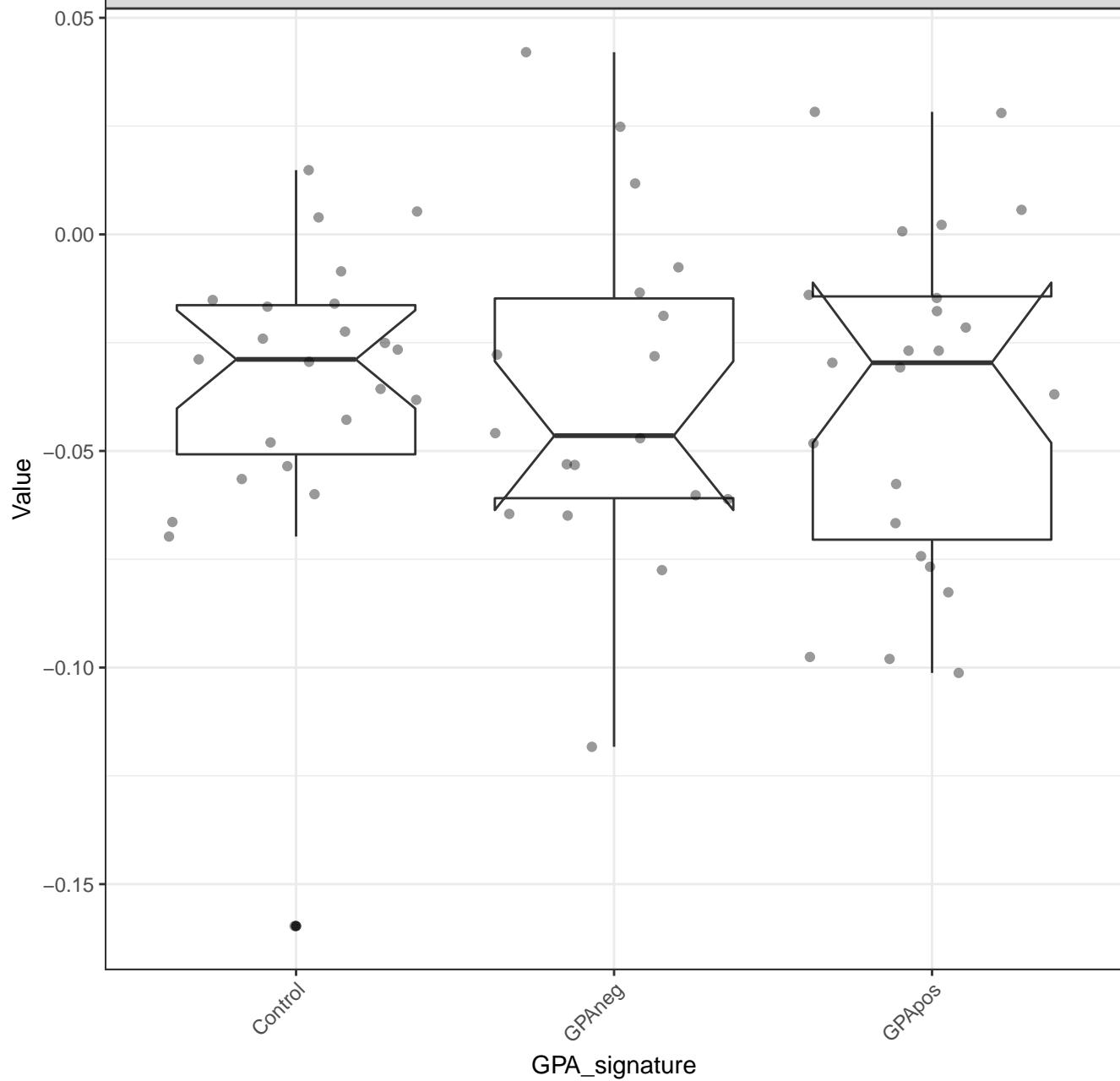
LV 717



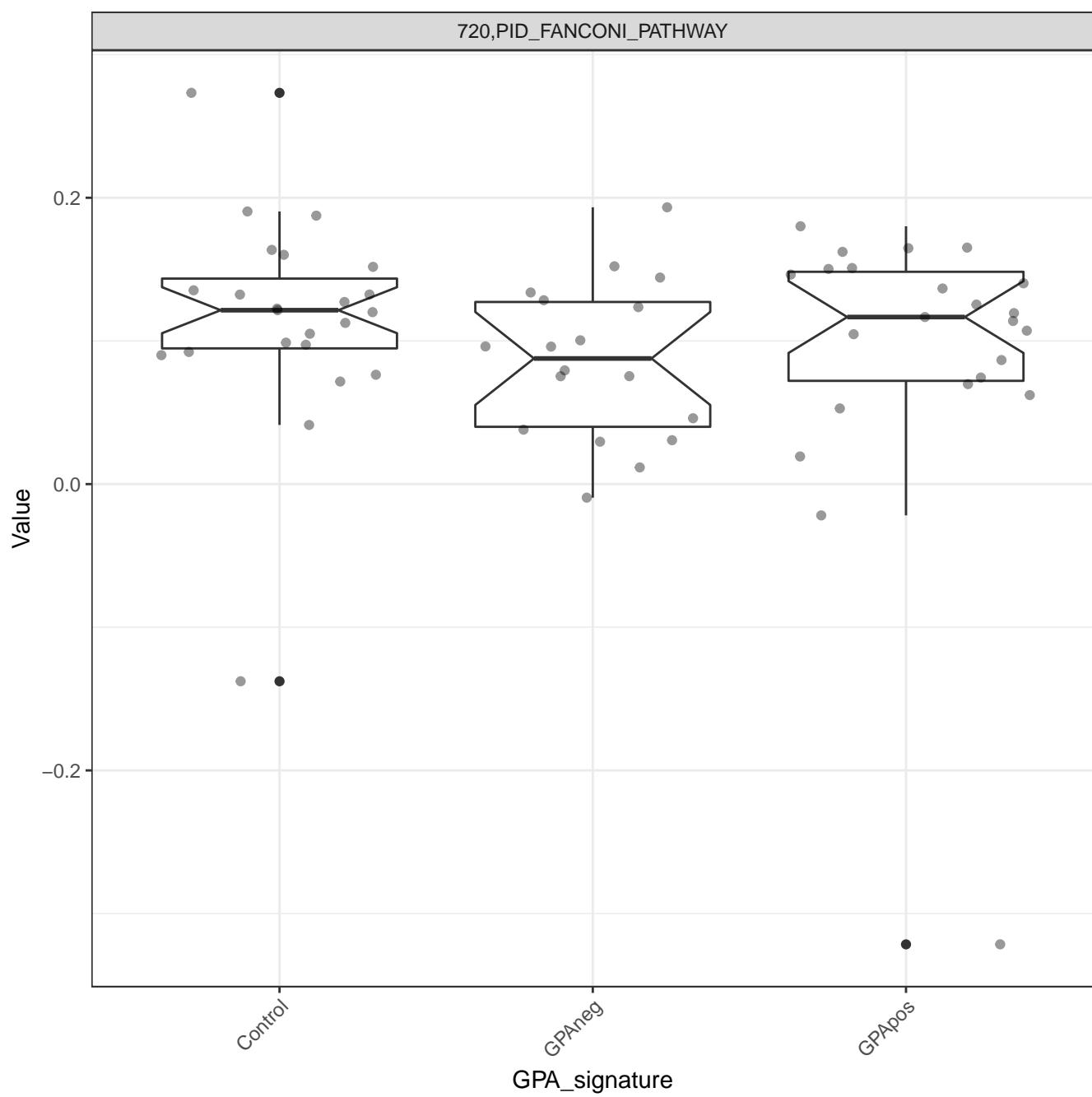
LV 718



719,DMAP_CMP



720,PID_FANCONI_PATHWAY



Value

0.10

0.05

0.00

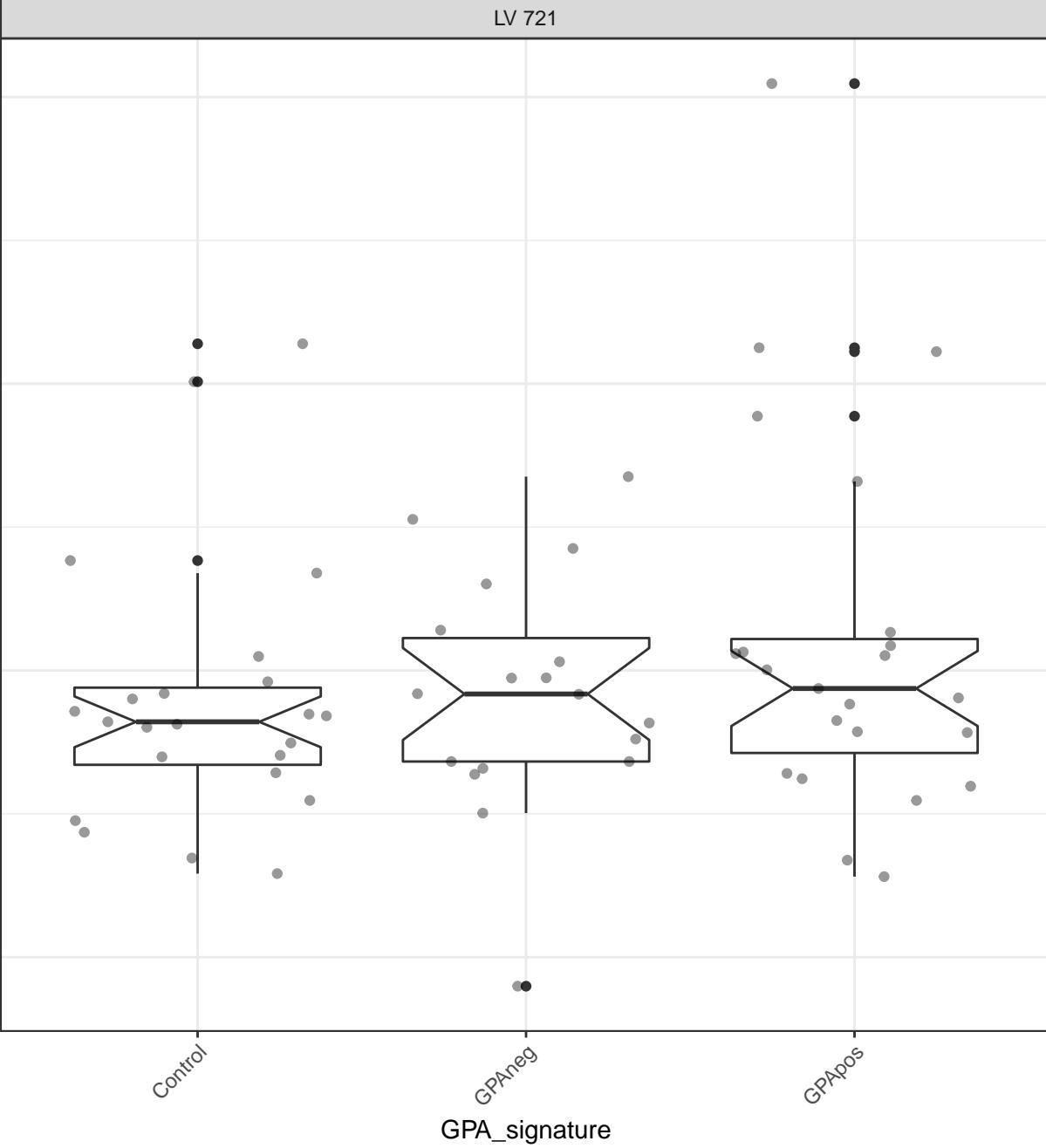
-0.05

Control

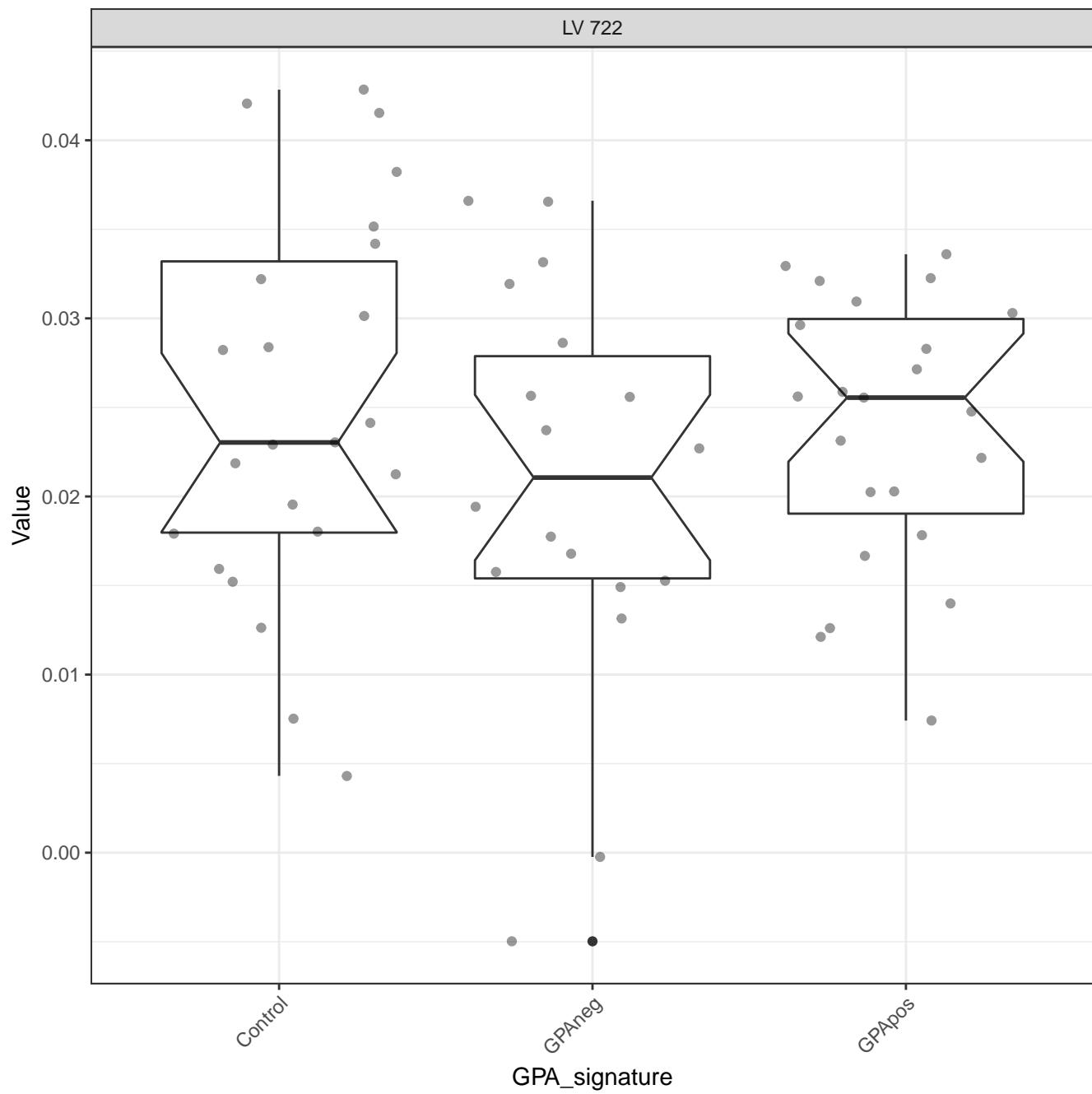
GPA_signature

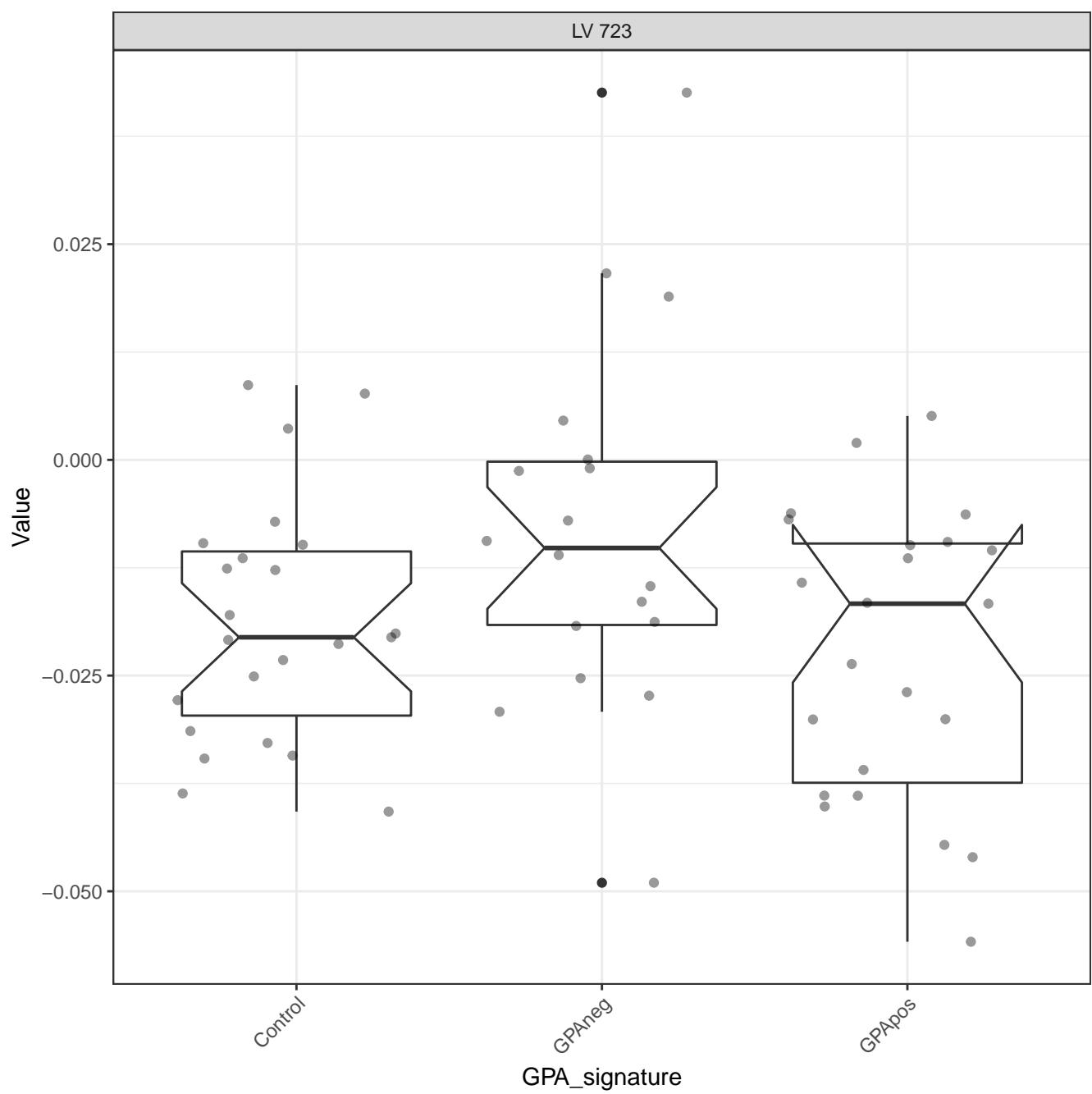
GPAneg

GPAPos

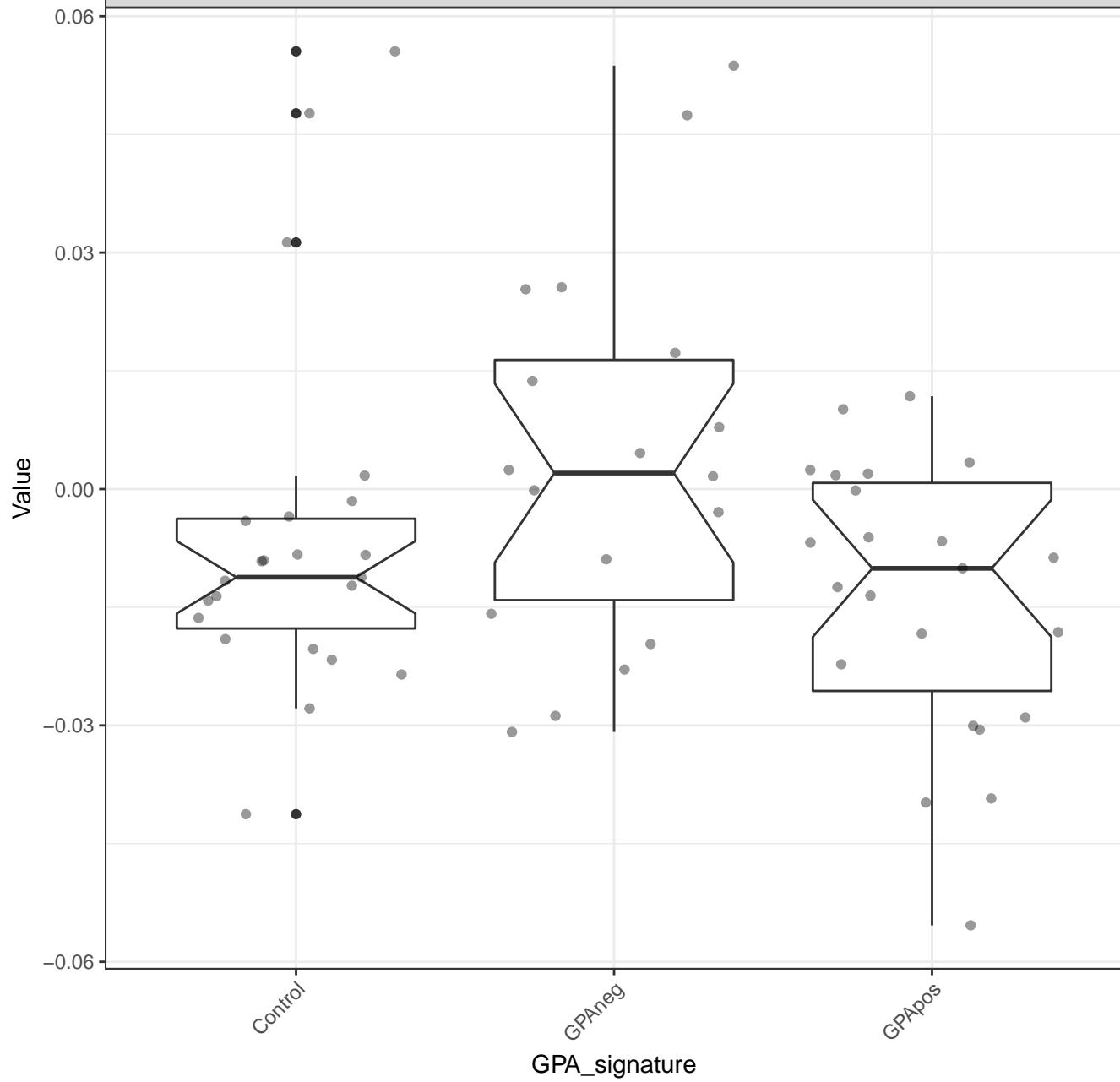


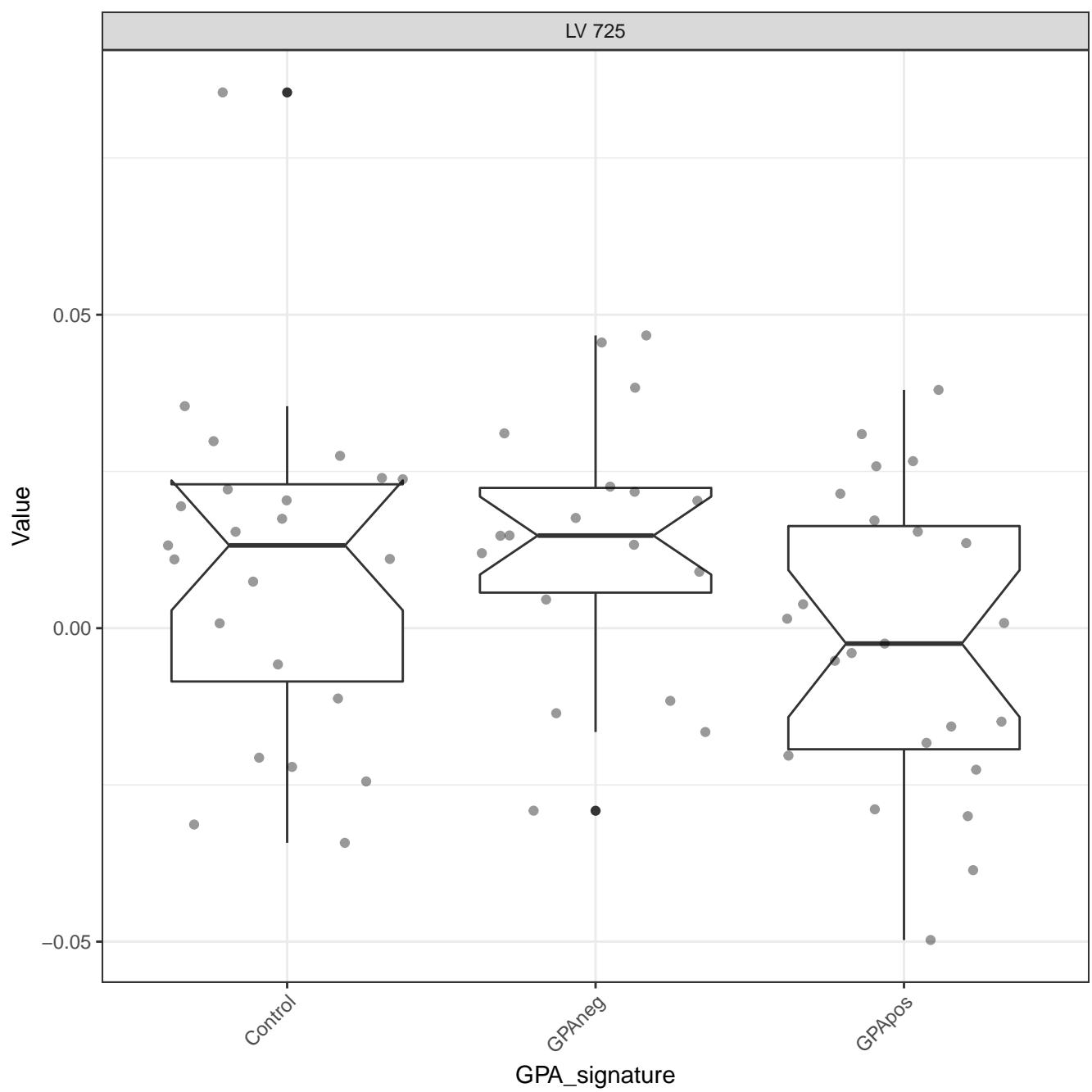
LV 722



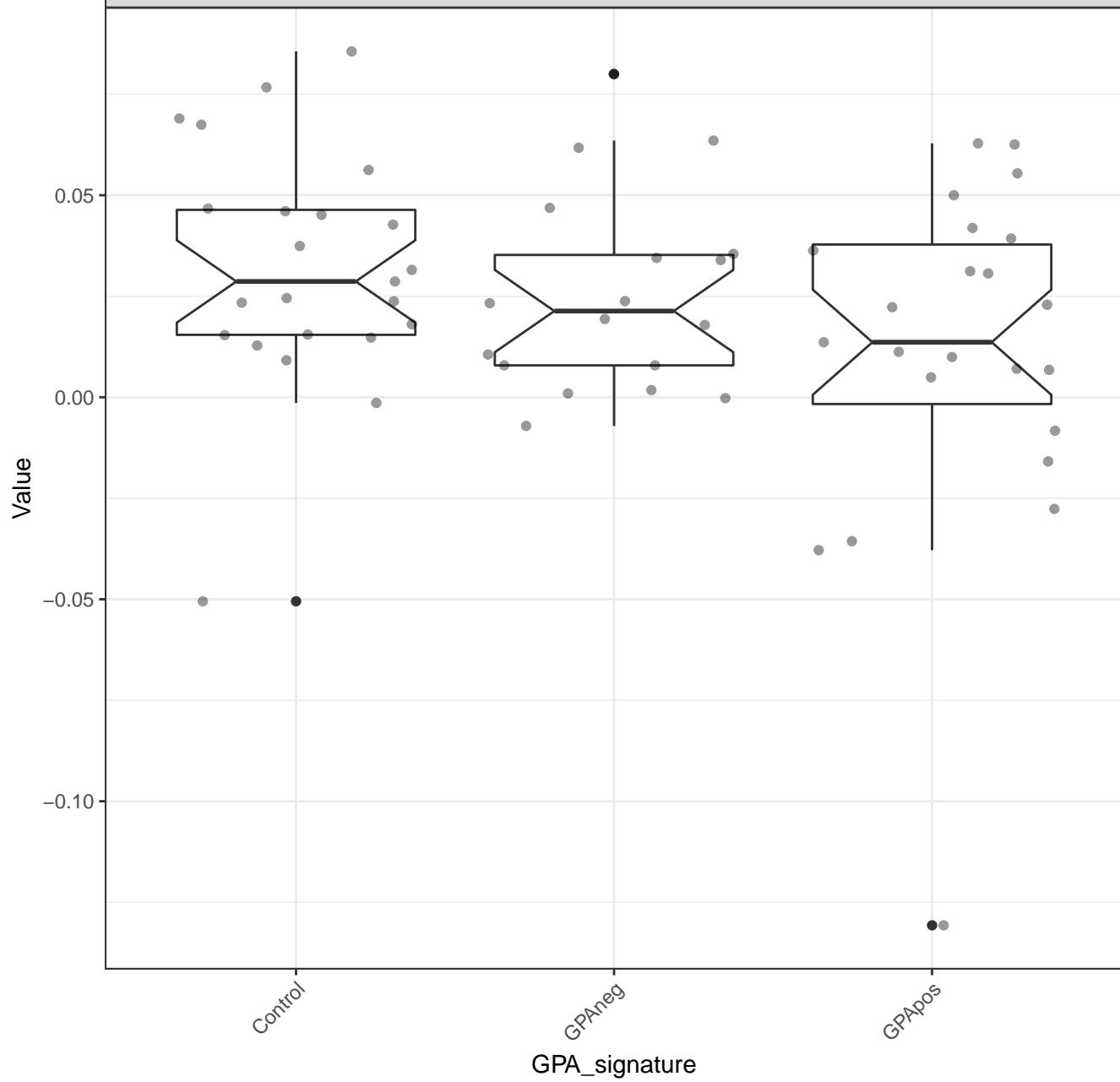


LV 724

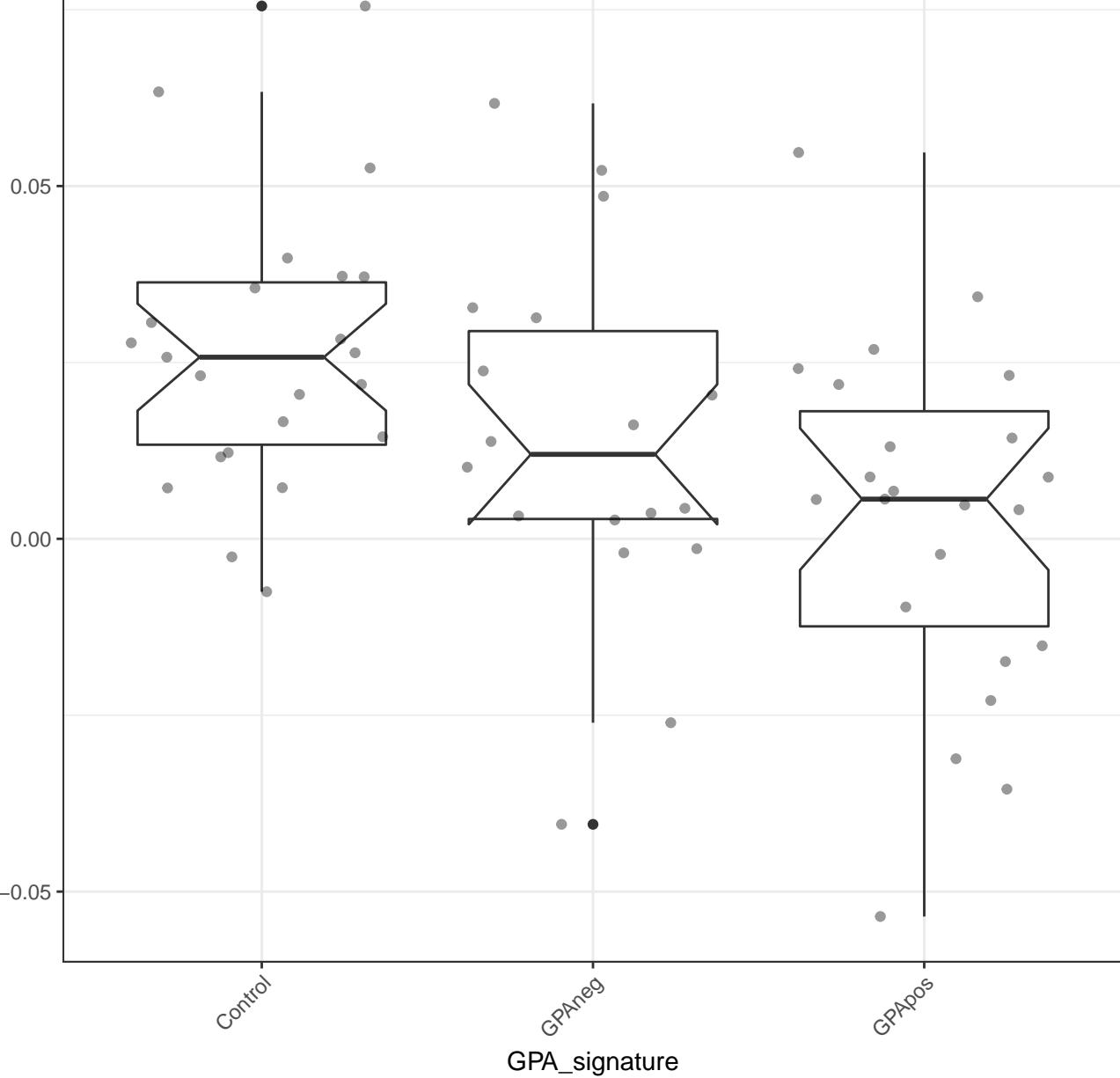




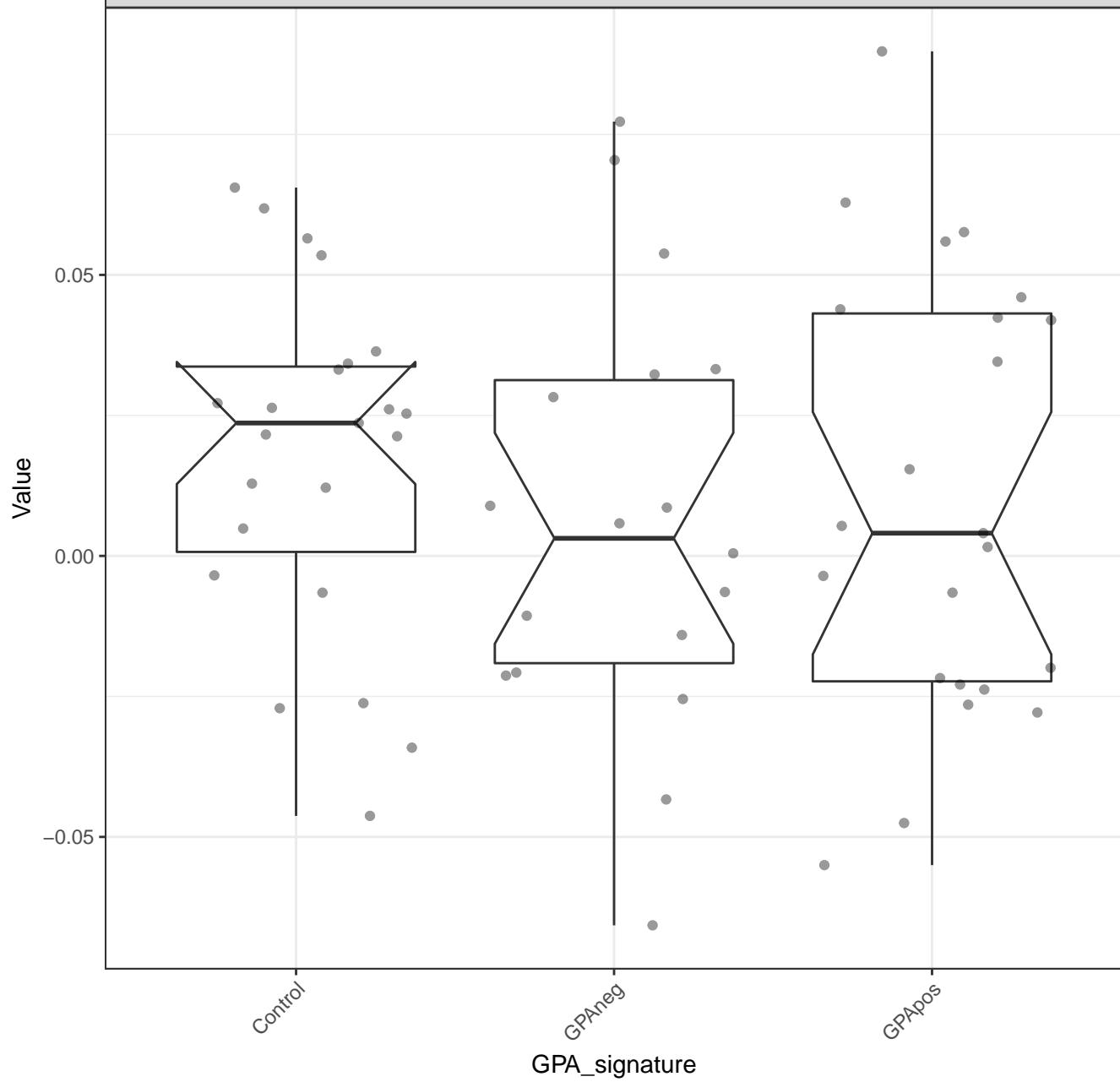
LV 726



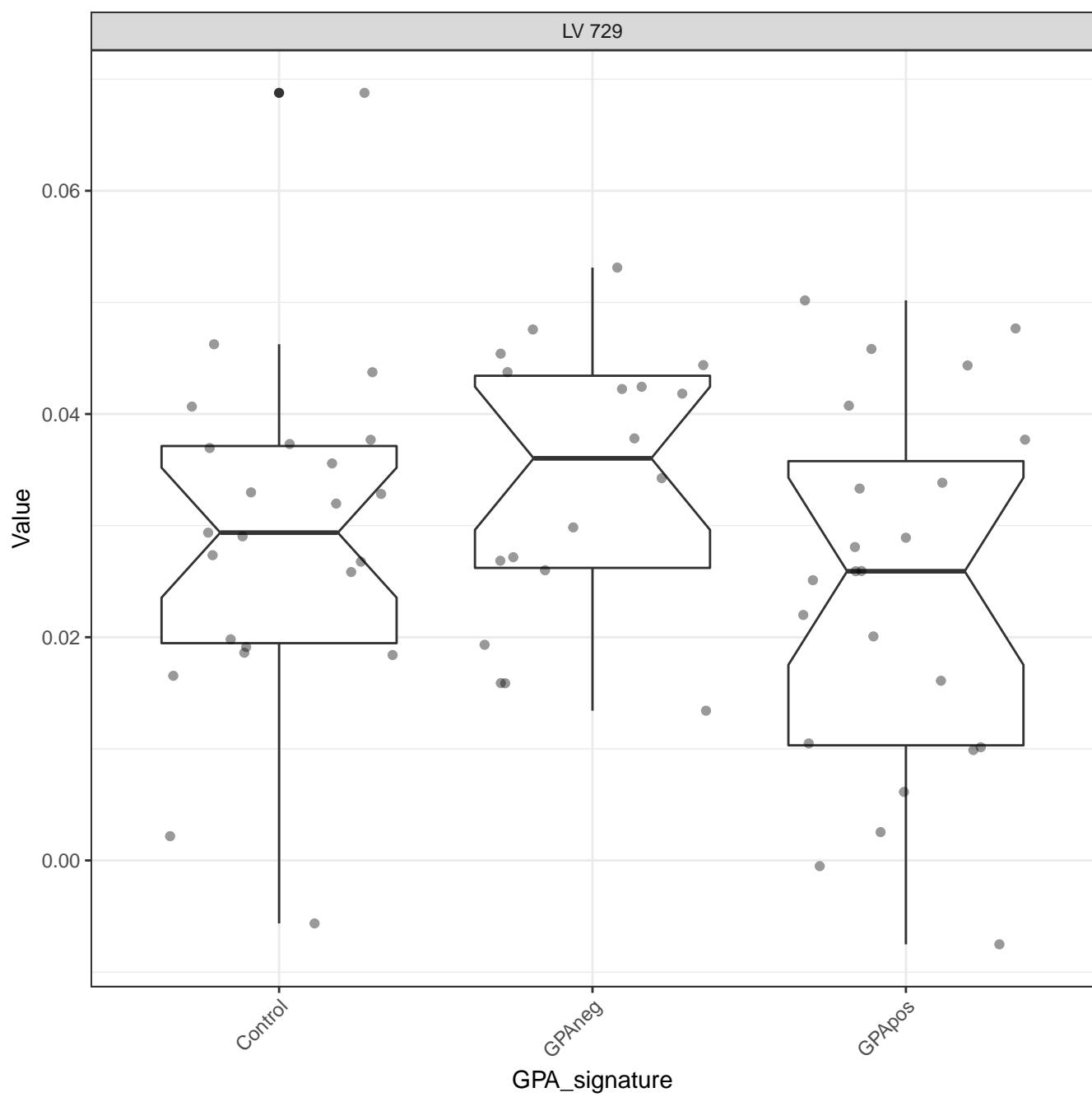
Value



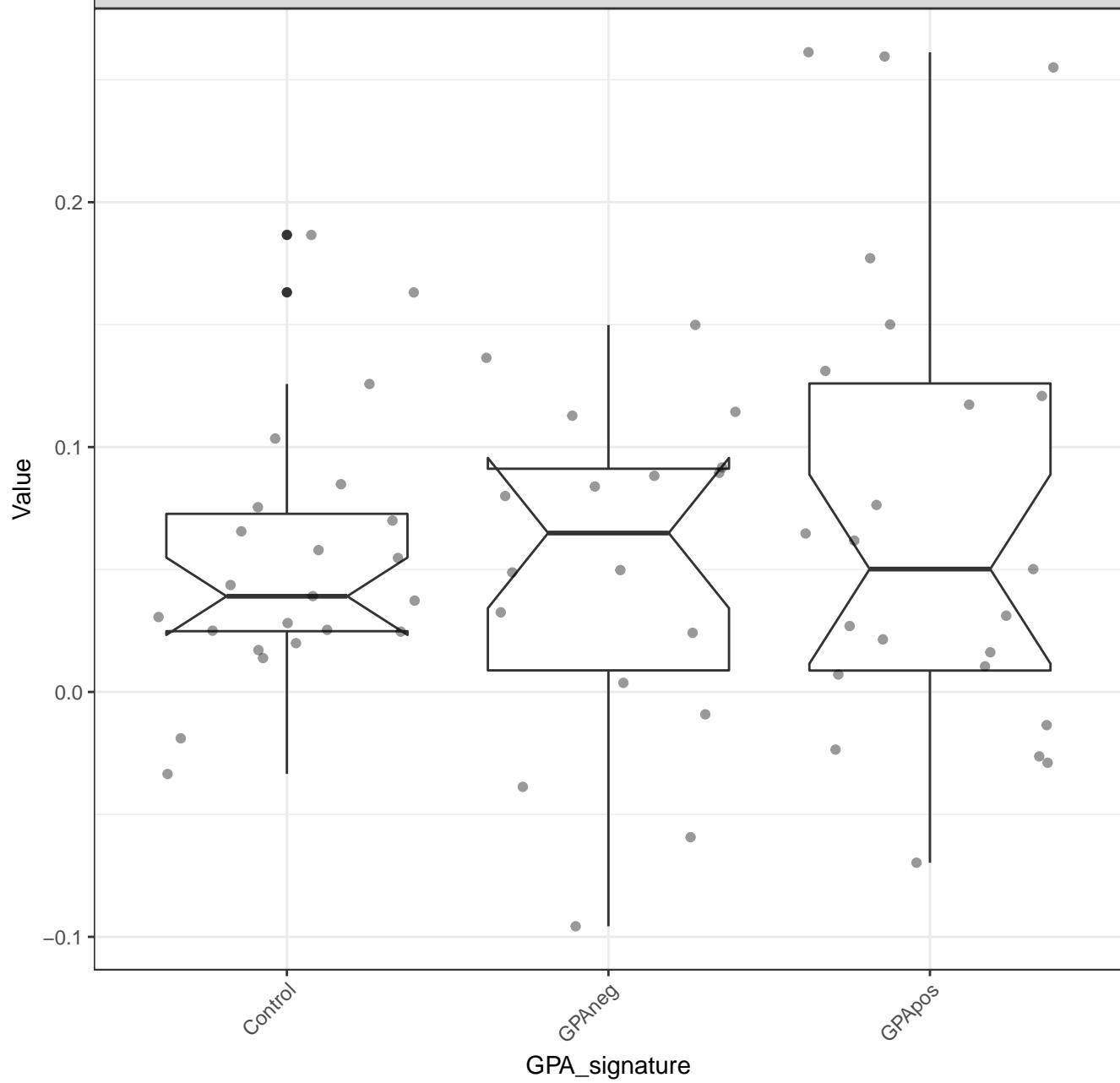
728,SVM Mast cells activated

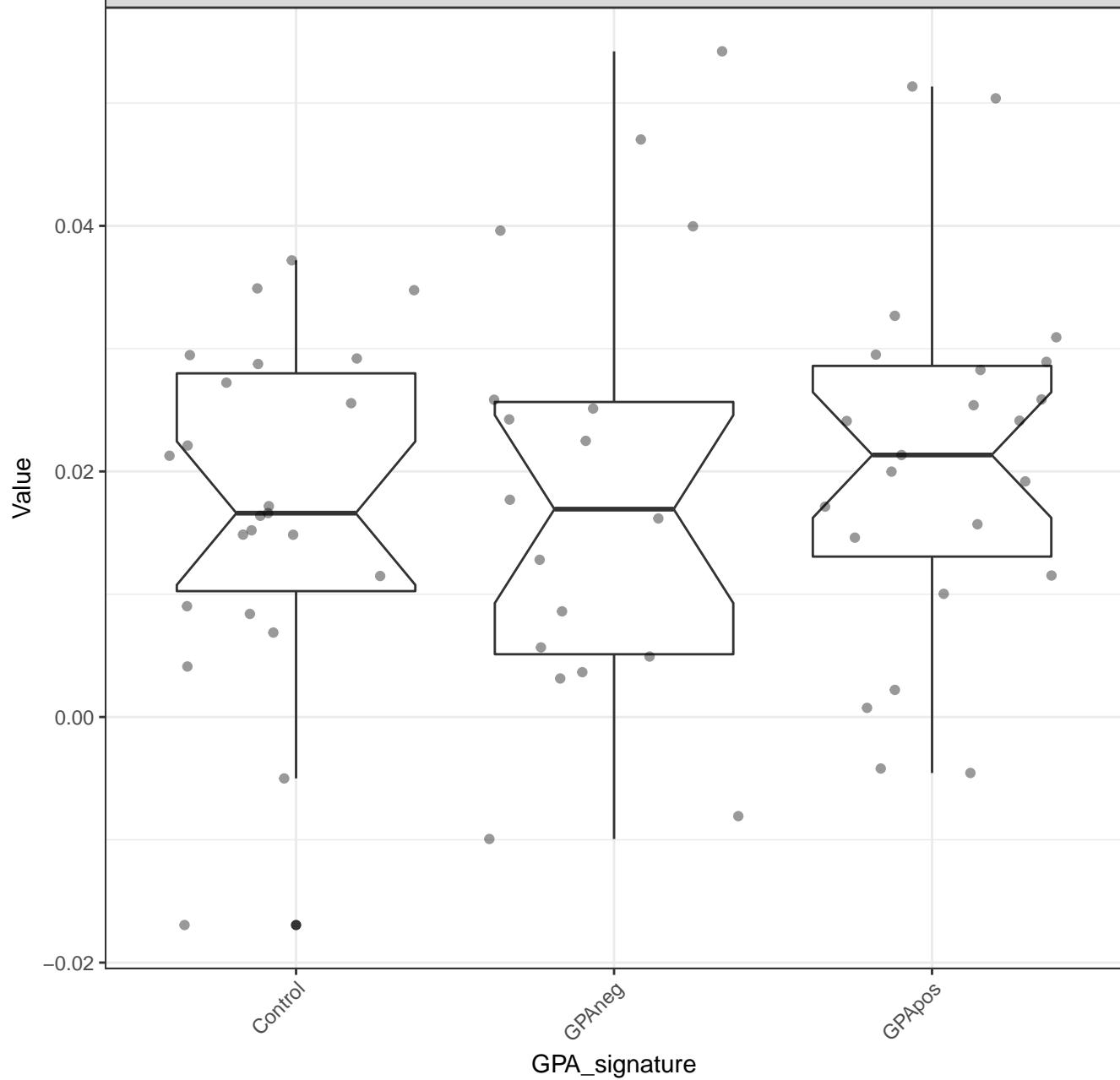


LV 729

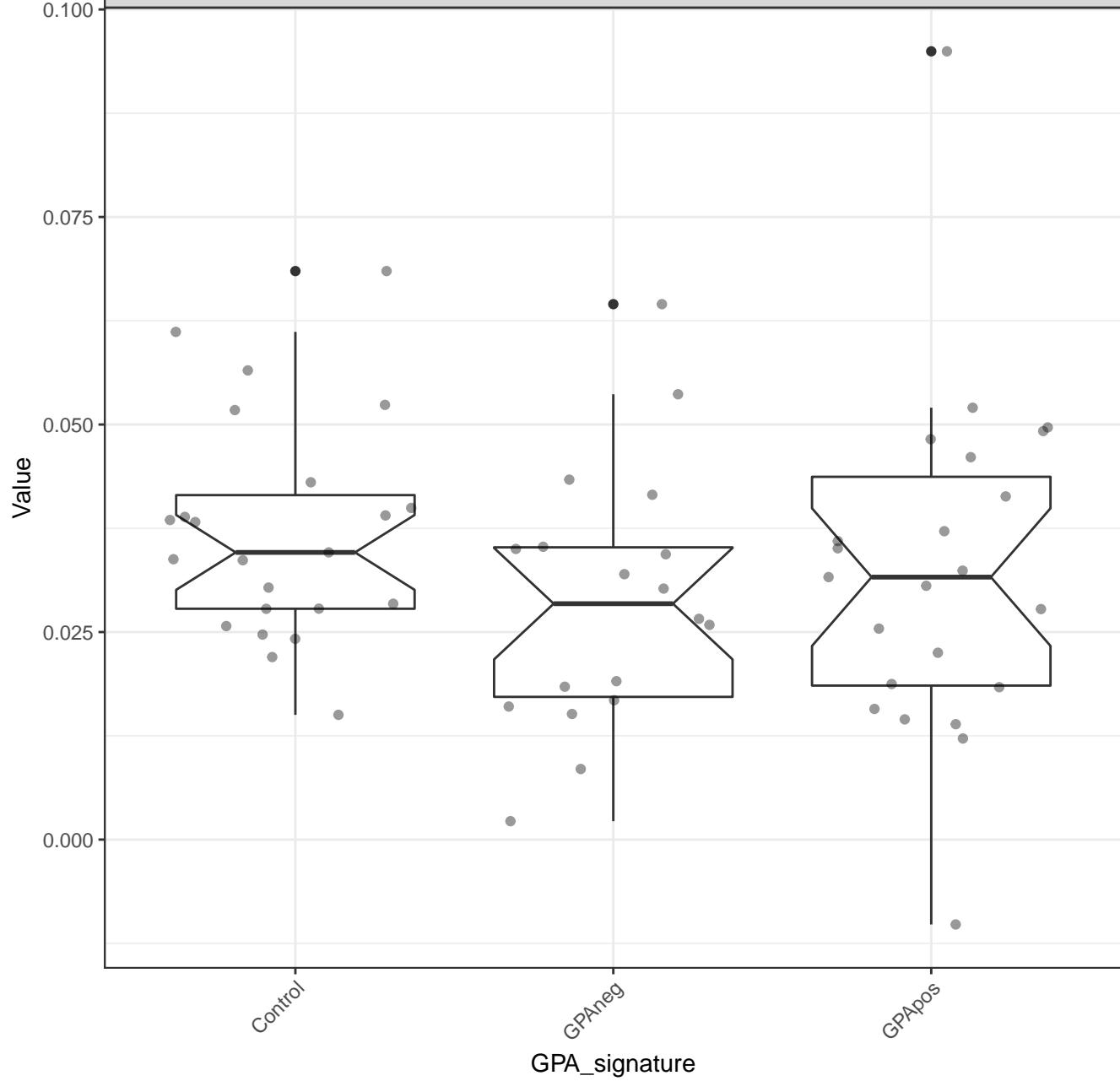


730, DMAP_MEGA2





LV 732



Value

0.050

0.025

0.000

-0.025

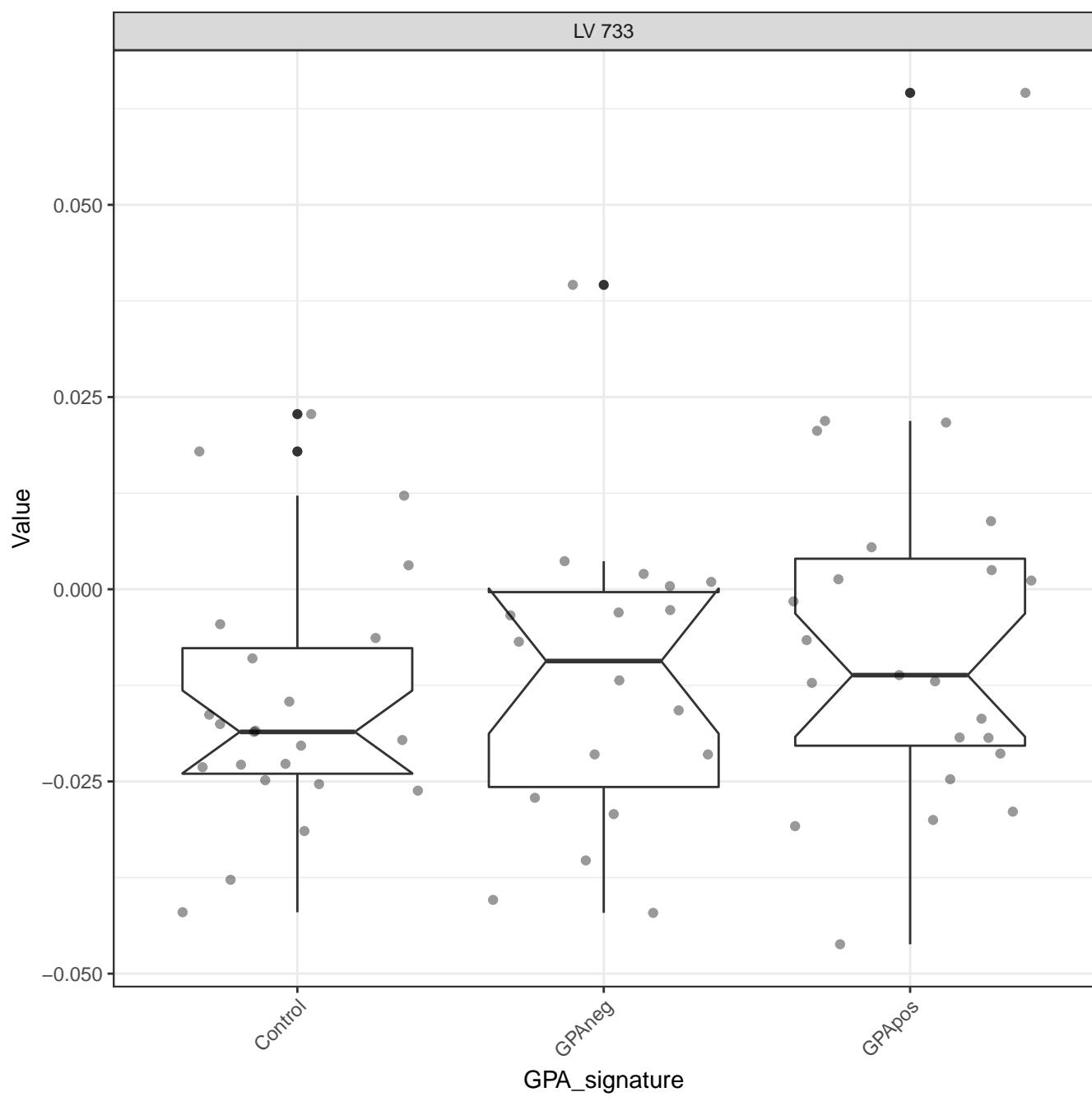
-0.050

Control

GPAneg

GPAPos

GPA_signature



LV 734

Value

0.02

0.00

-0.02

-0.04

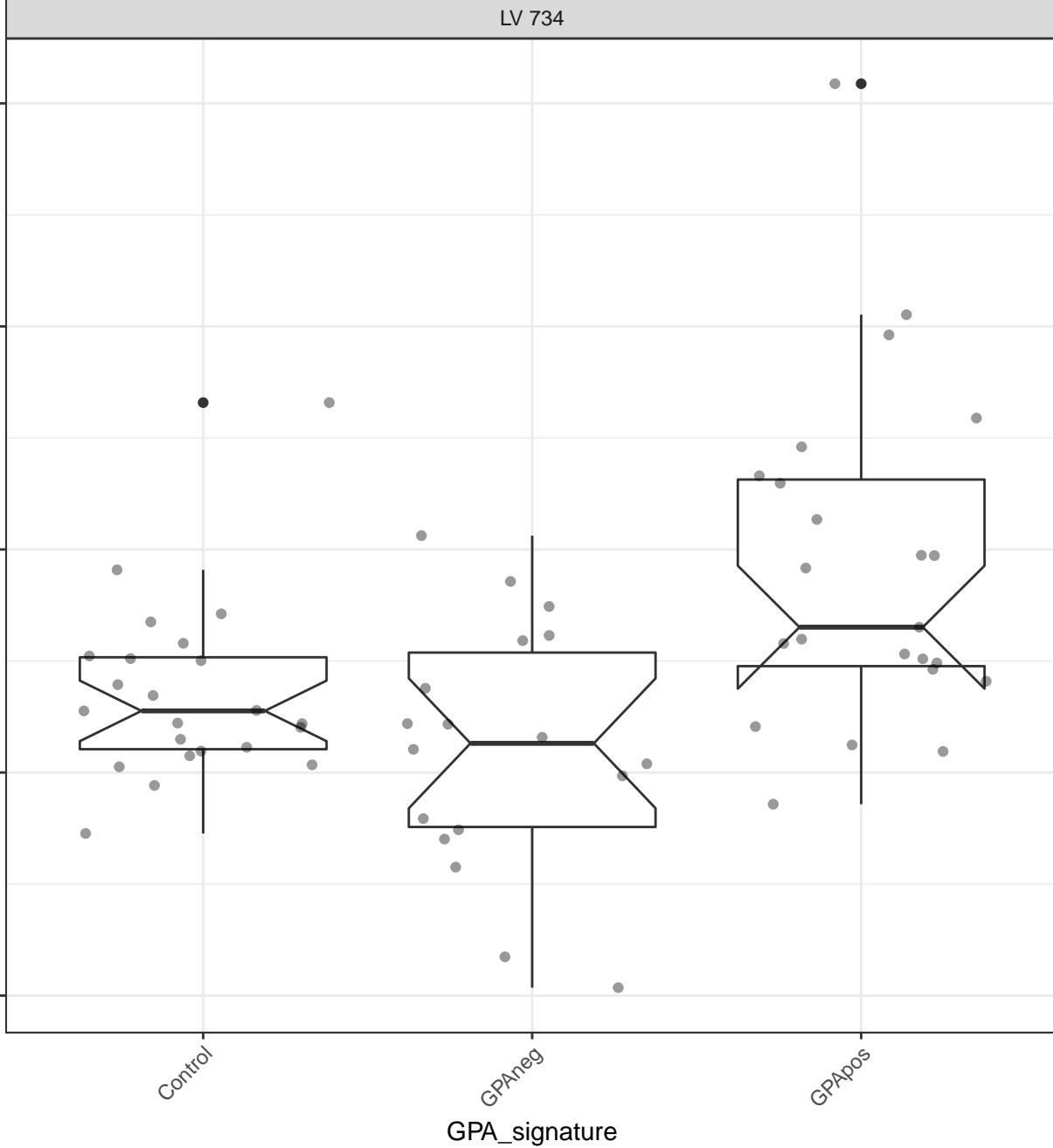
-0.06

Control

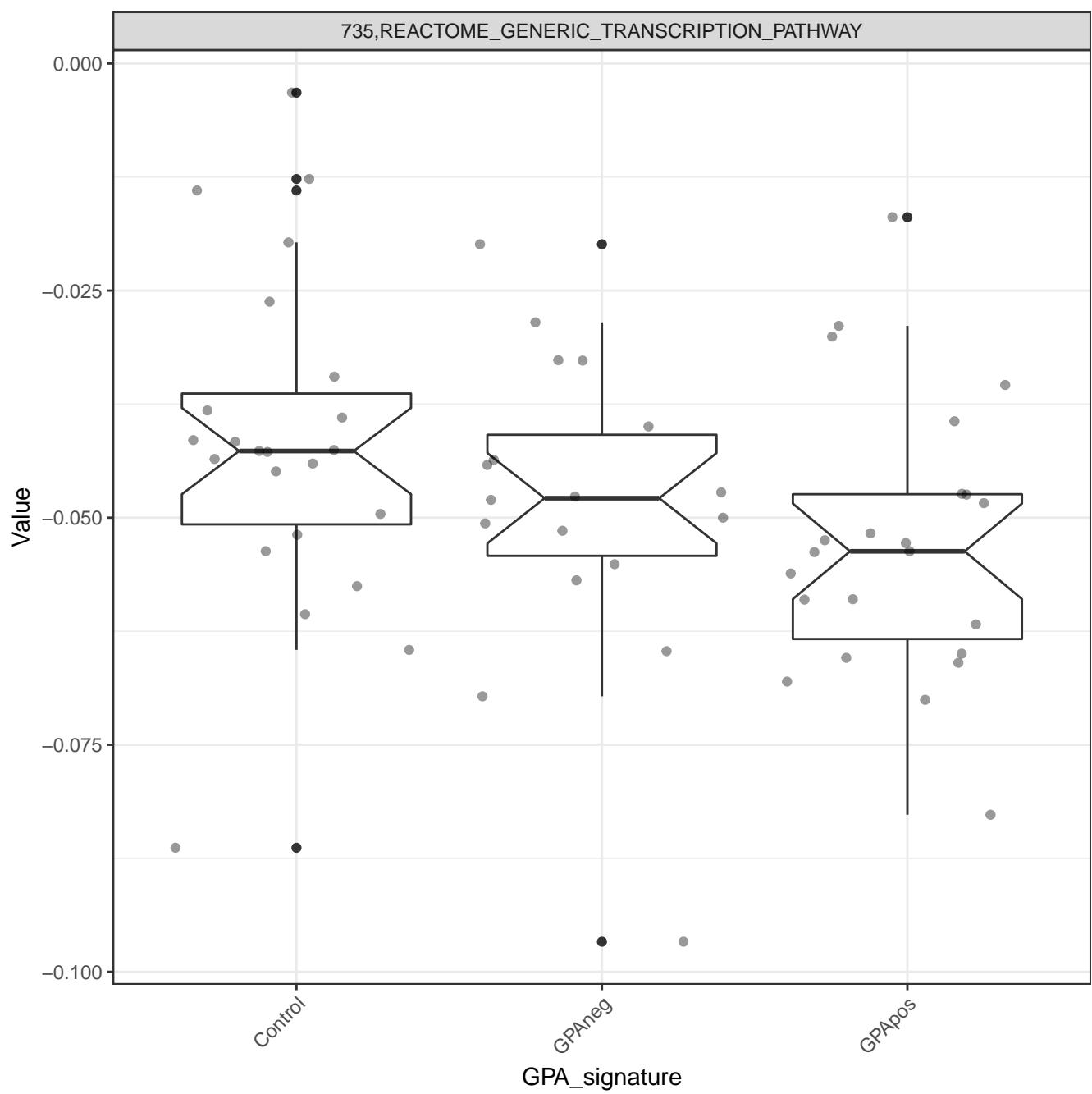
GPAneg

GPApos

GPA_signature



735,REACTOME_GENERIC_TRANSCRIPTION_PATHWAY



LV 736

Value

0.02

0.00

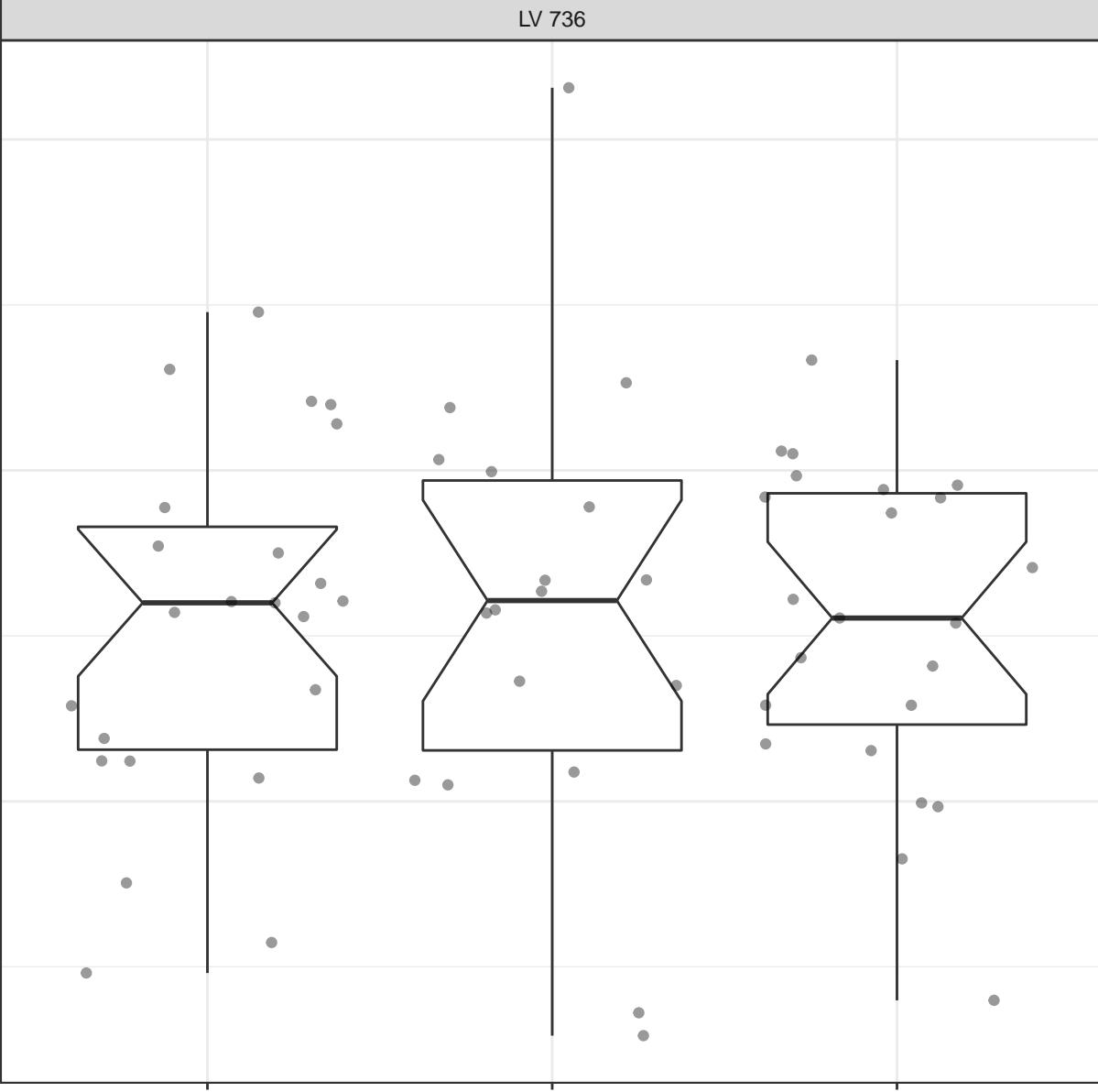
-0.02

Control

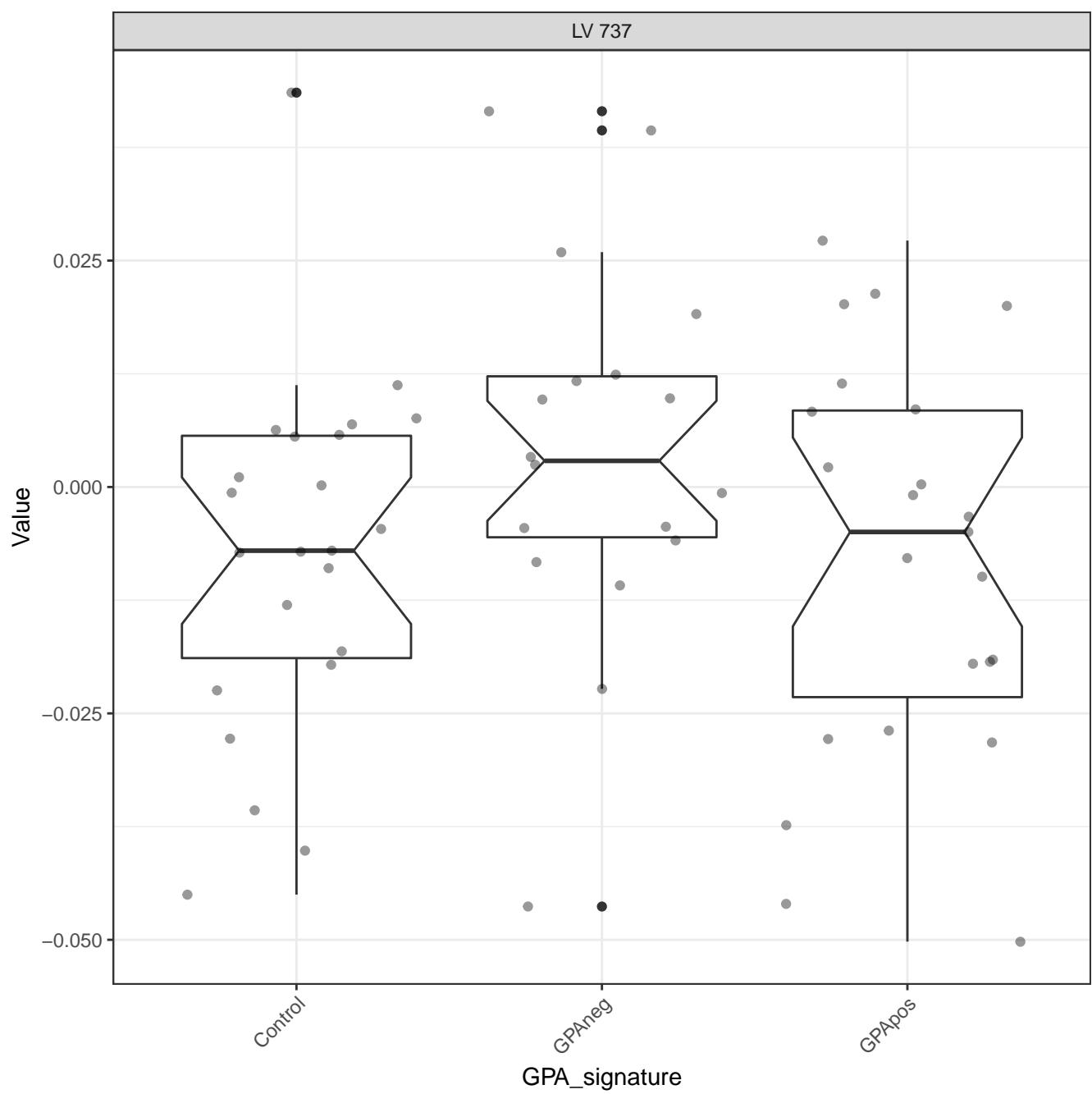
GPA_signature

GPNeg

GPAPos



LV 737



Value

0.02

0.00

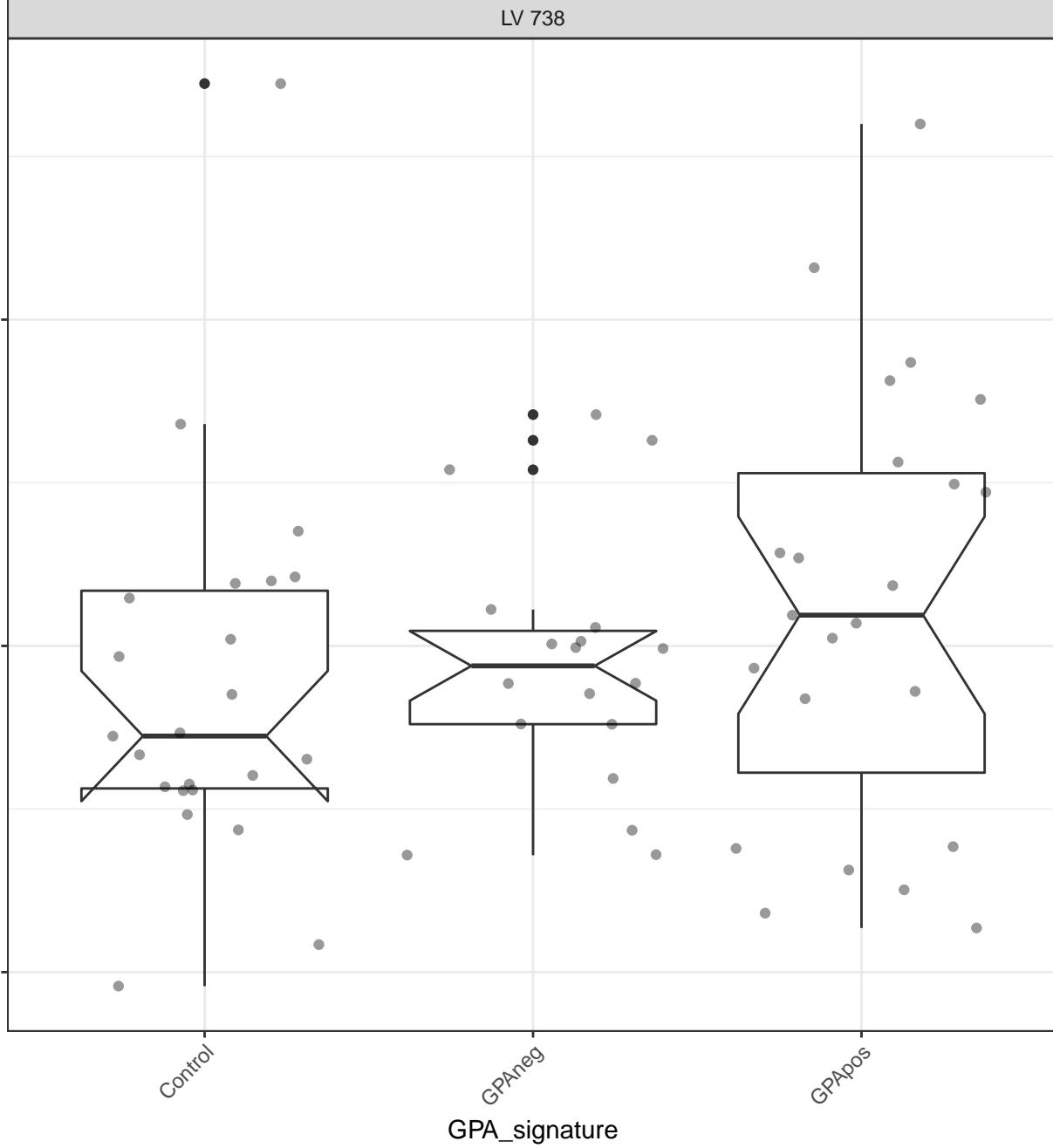
-0.02

Control

GPA_signature

GPAneg

GPAPos



739,REACTOME_GENERIC_TRANSSCRIPTION_PATHWAY

Value

0.1

0.0

-0.1

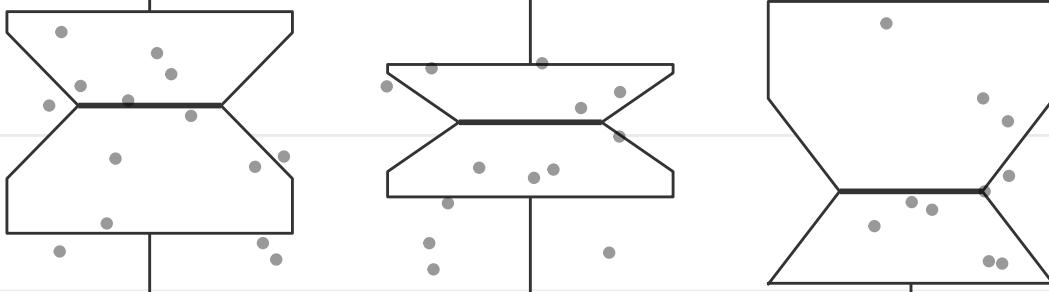
-0.2

Control

GPA_signature

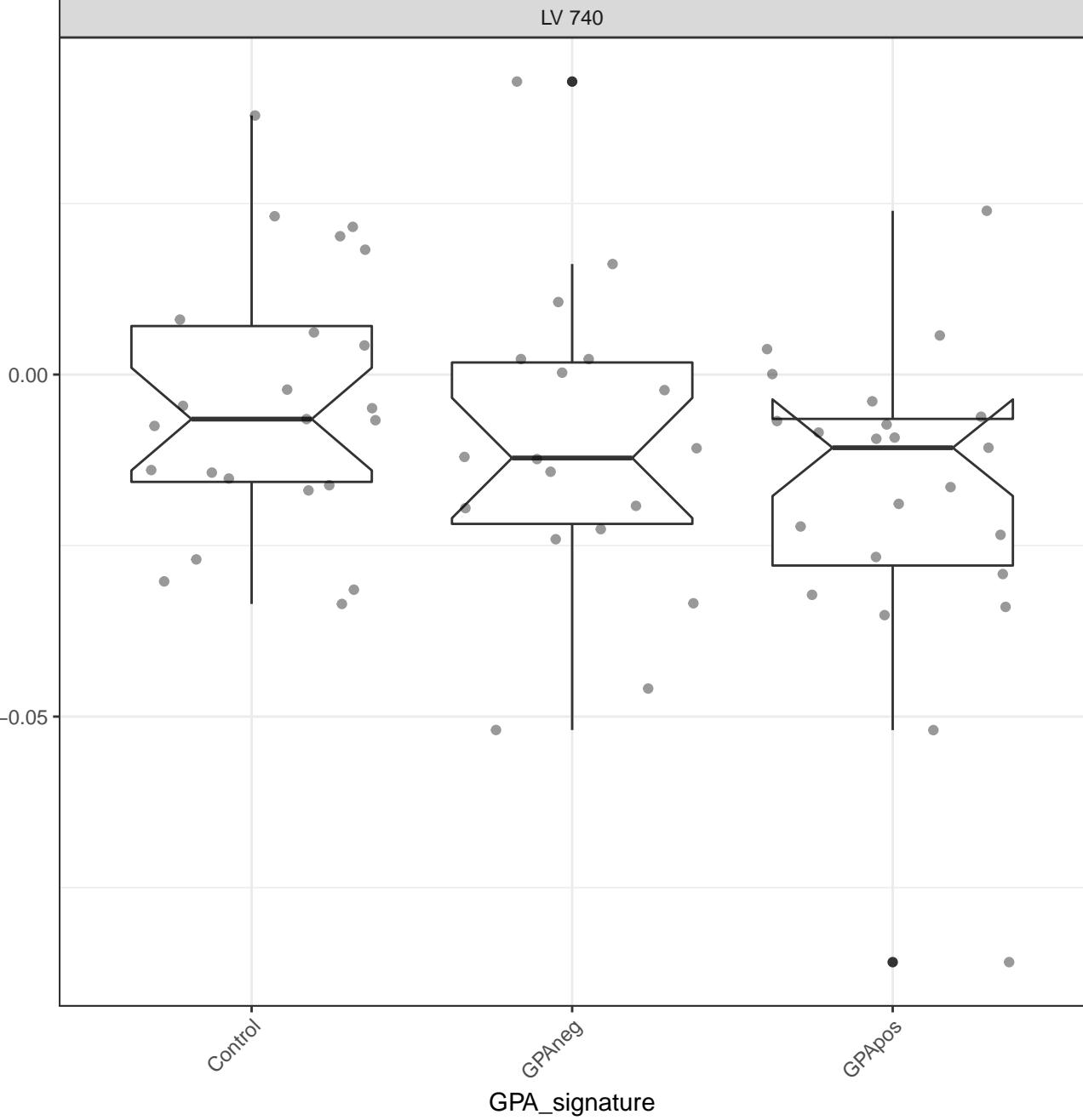
GPAneg

GPApos

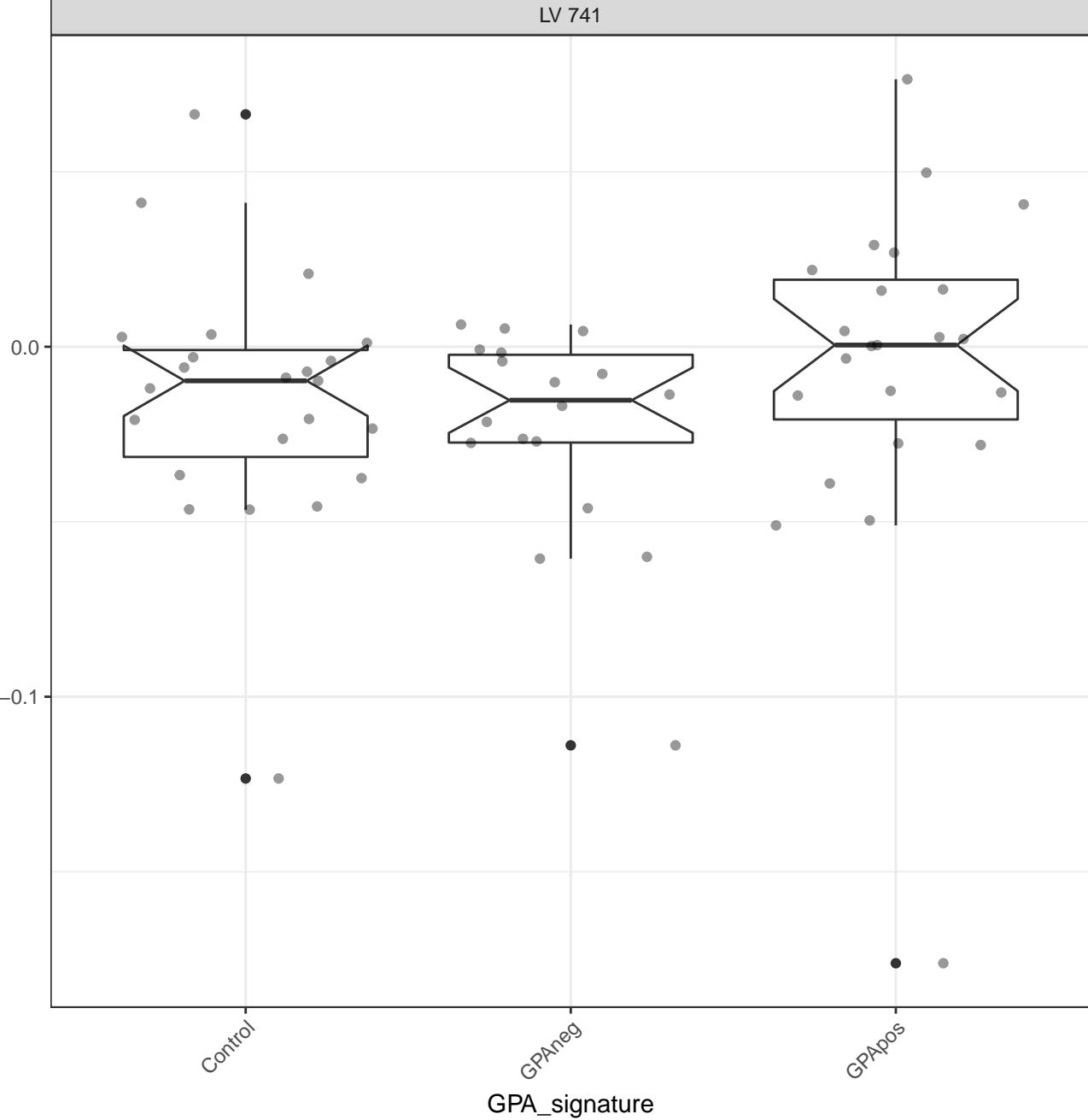


LV 740

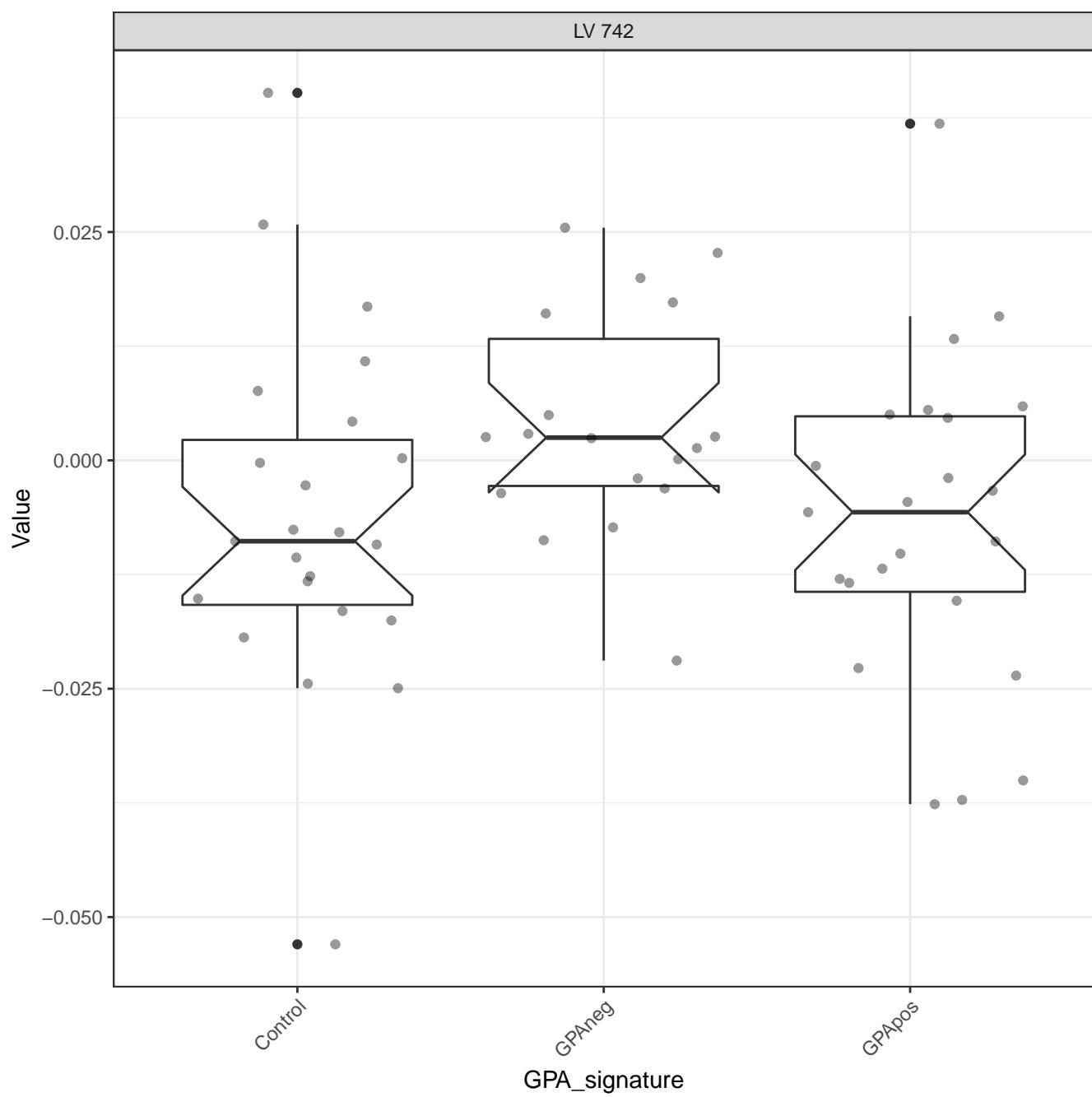
Value



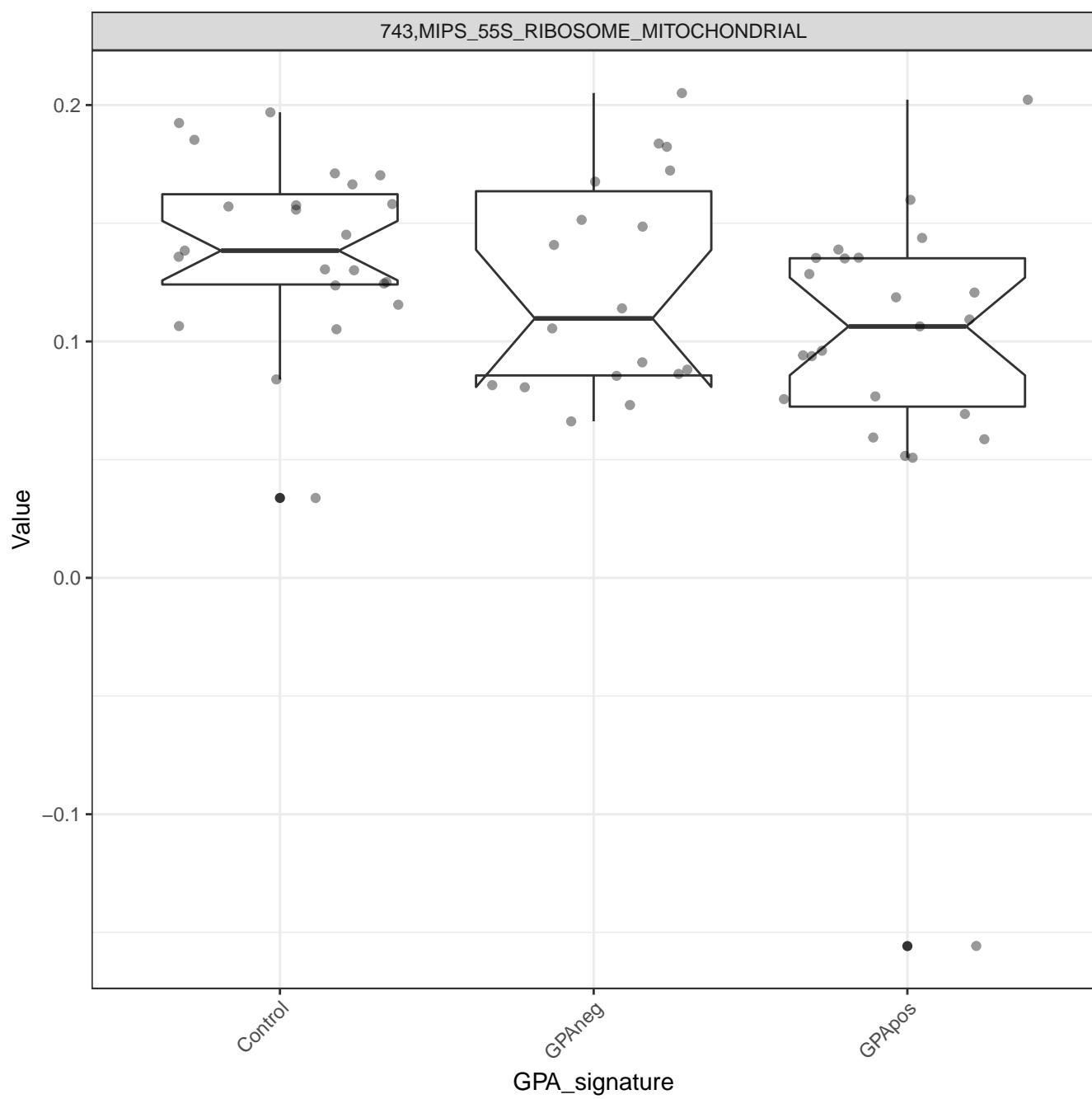
Value



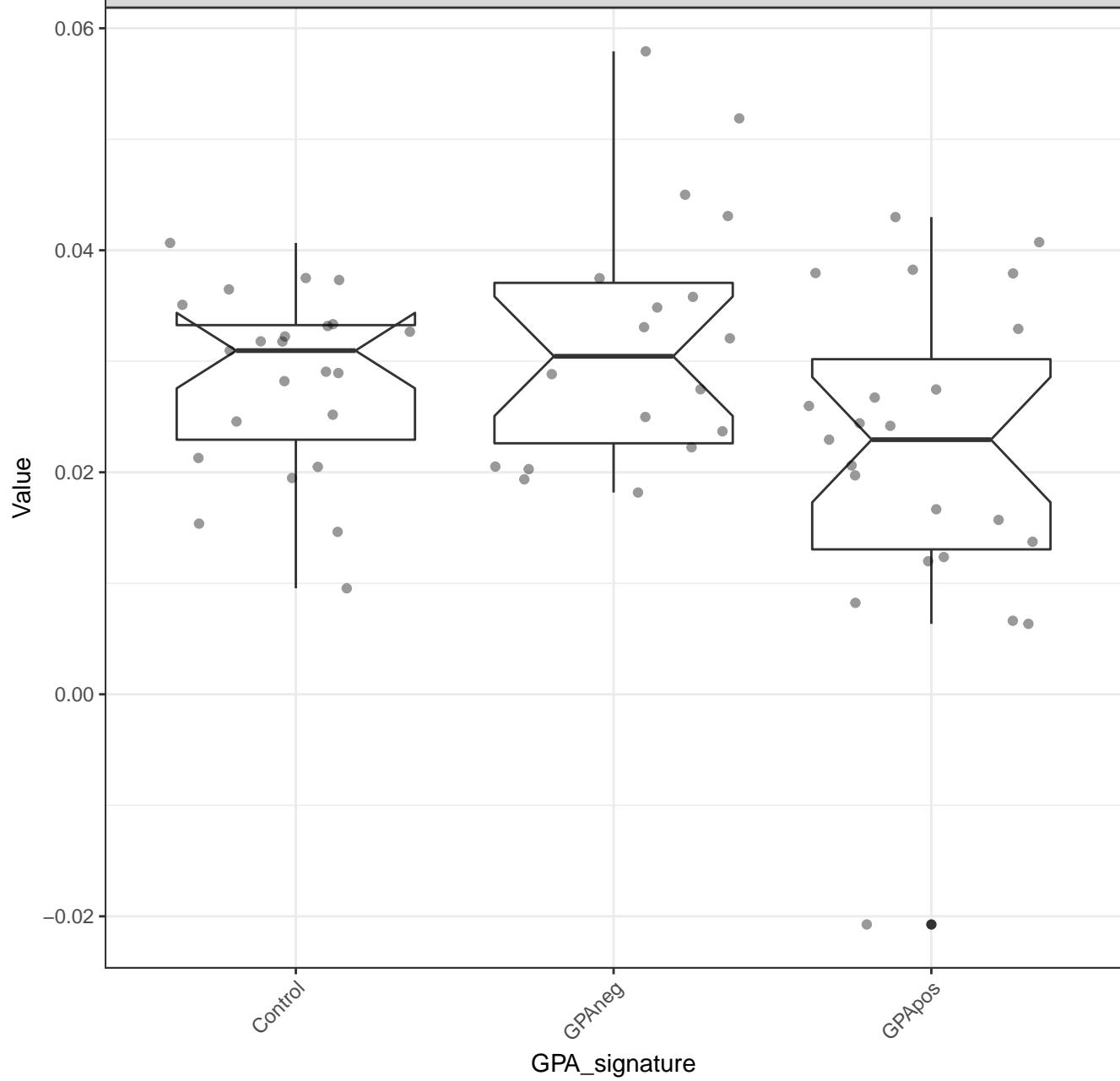
LV 742



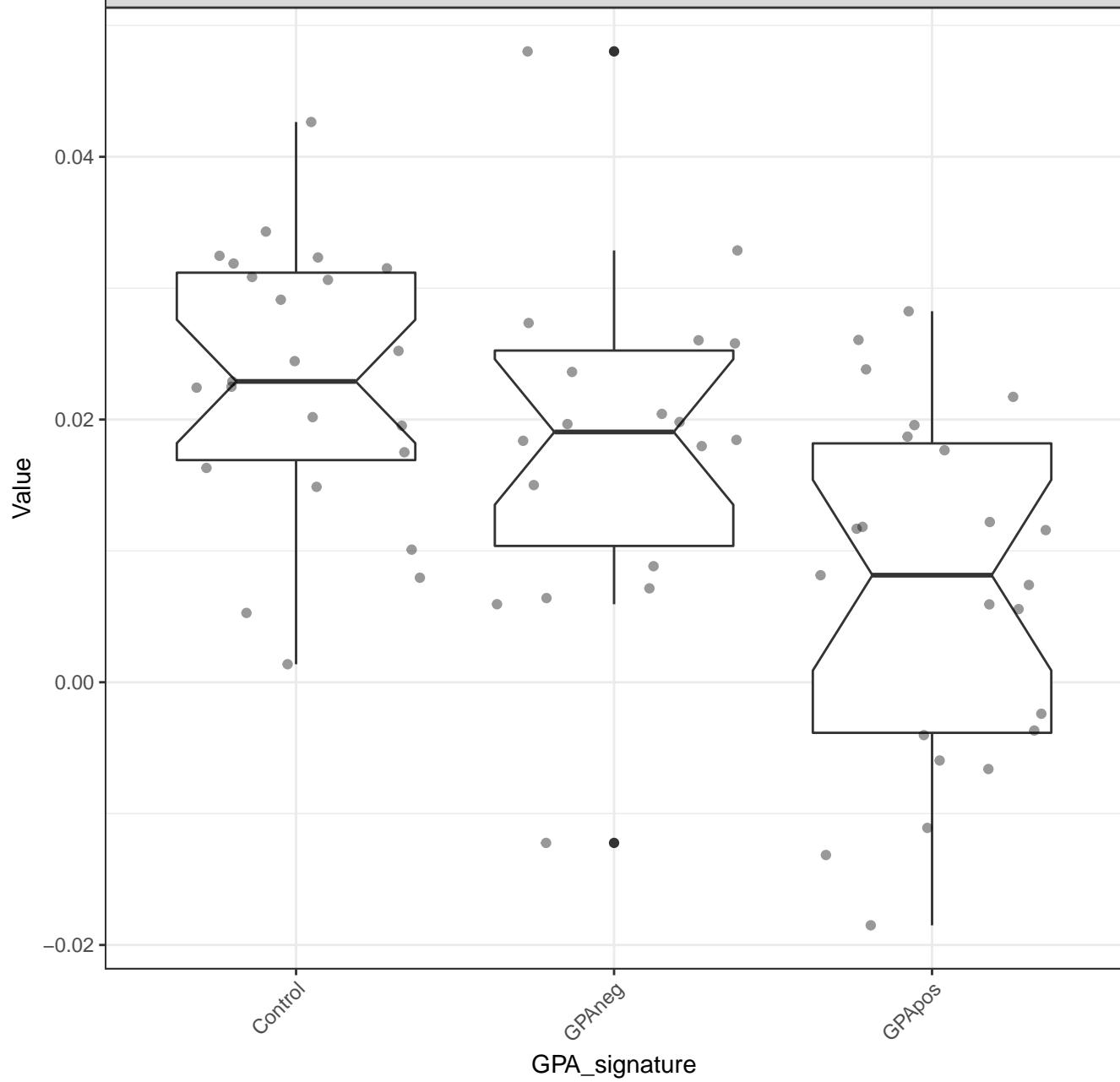
743,MIPS_55S_RIBOSOME MITOCHONDRIAL



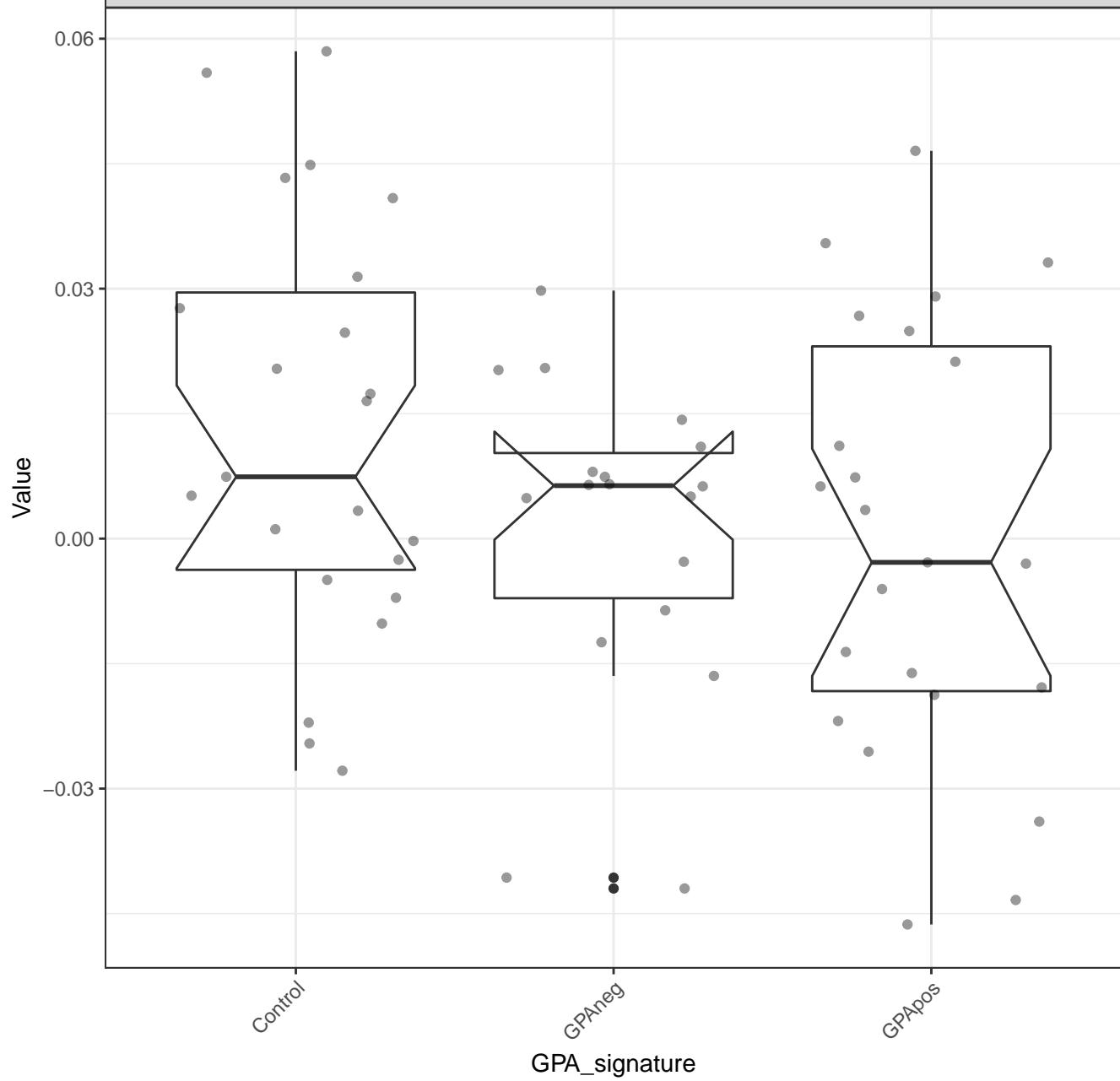
LV 744



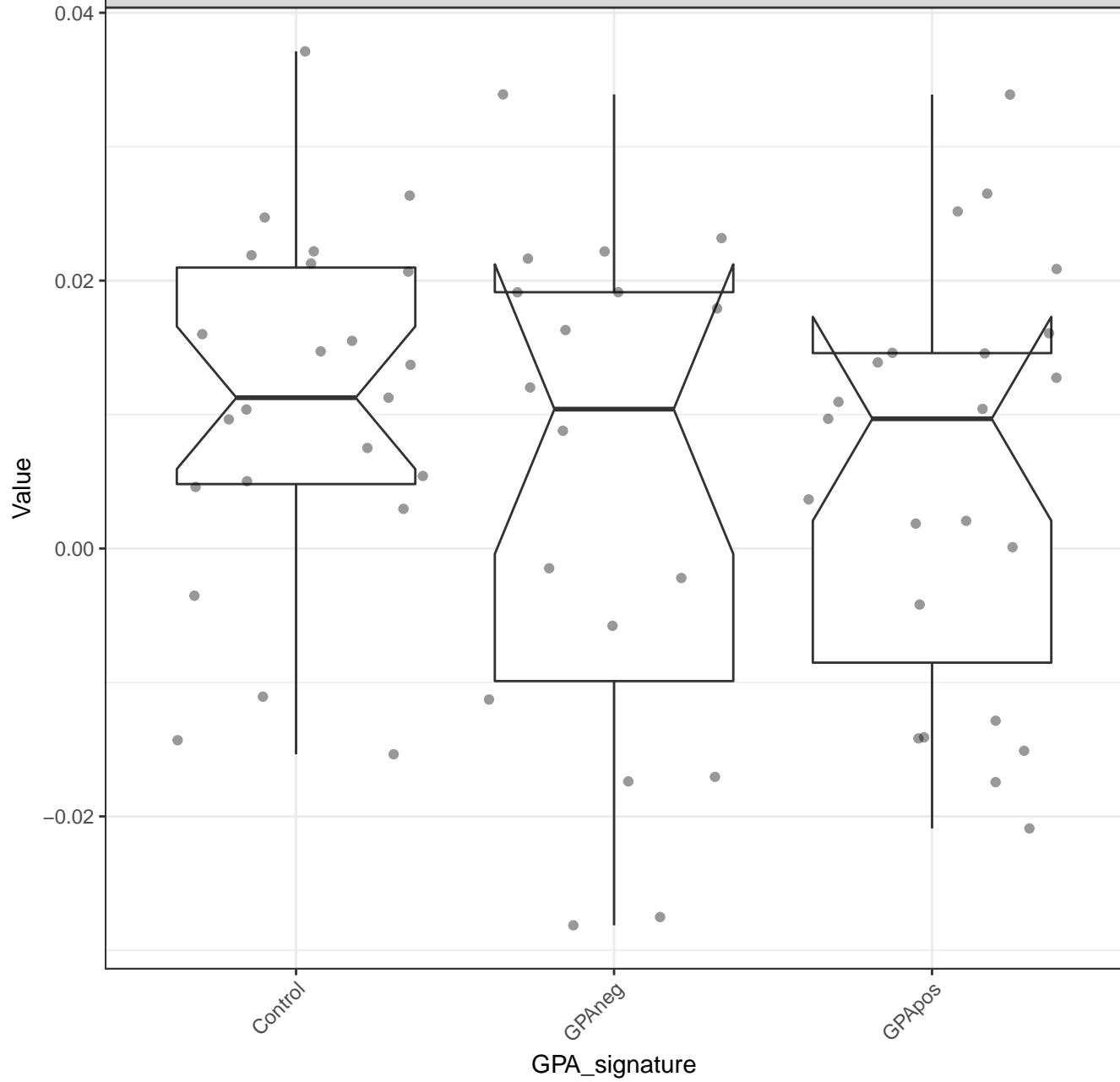
LV 745



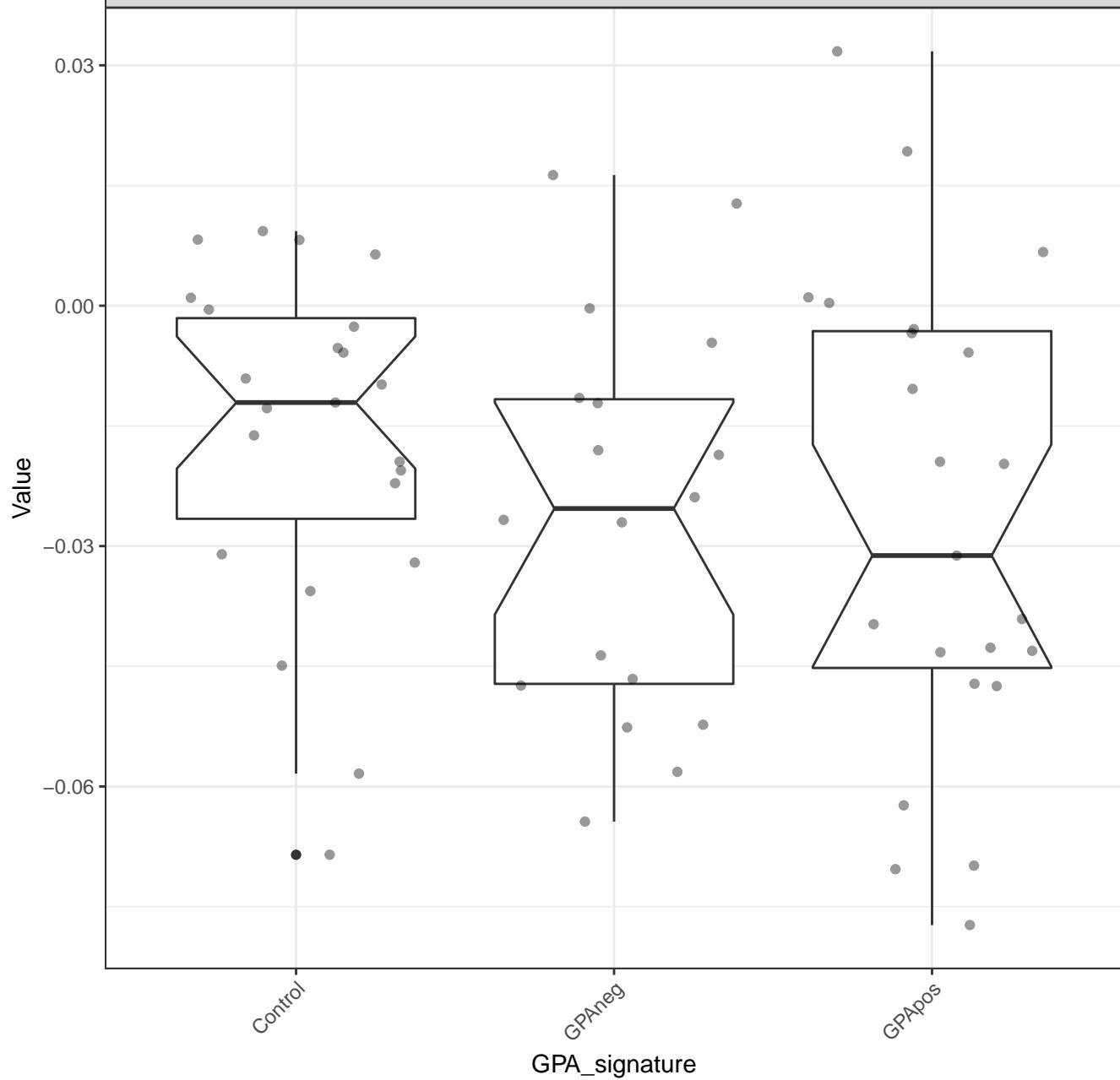
LV 746



LV 747



LV 748



LV 749

Value

0.12

0.08

0.04

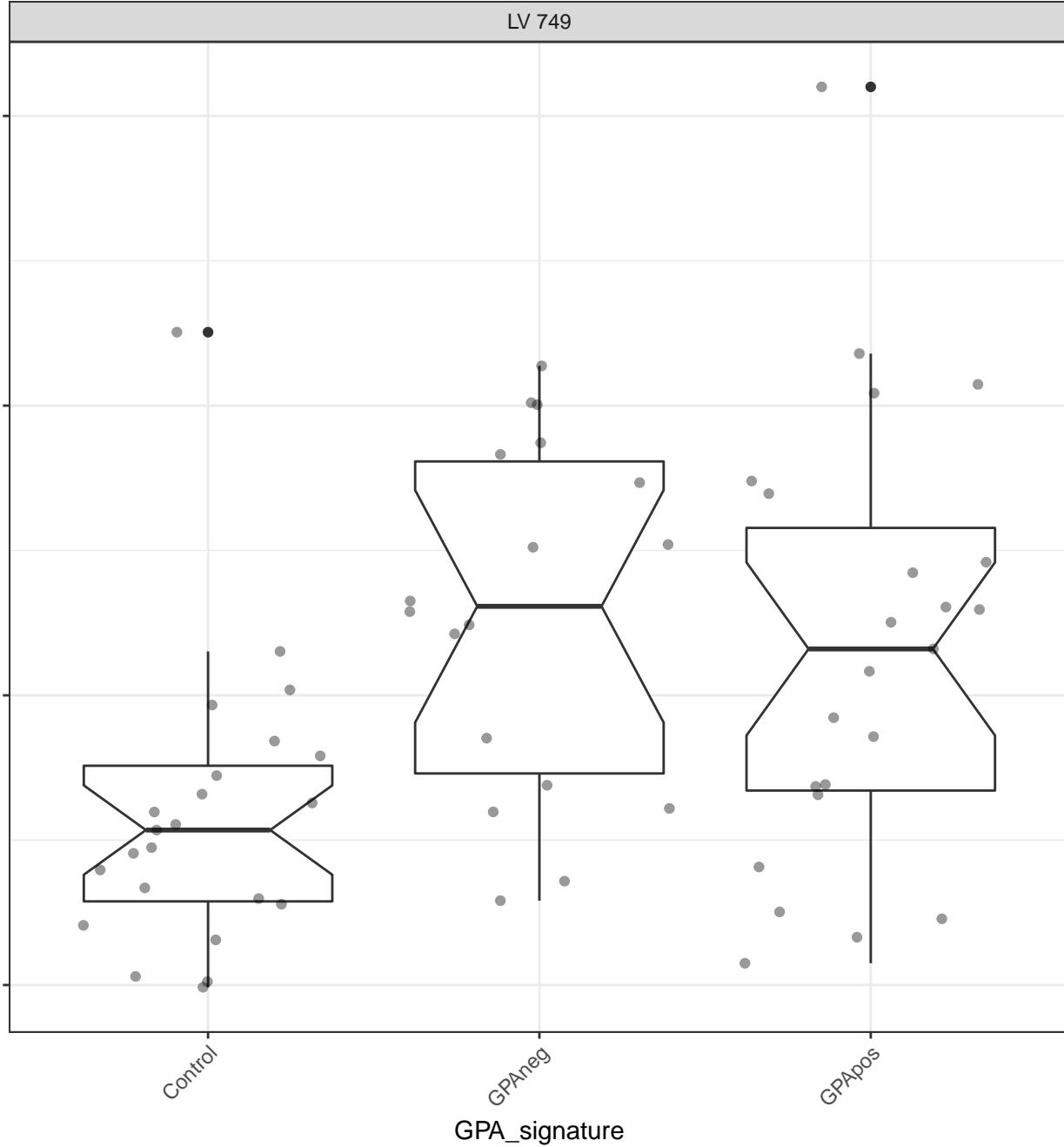
0.00

Control

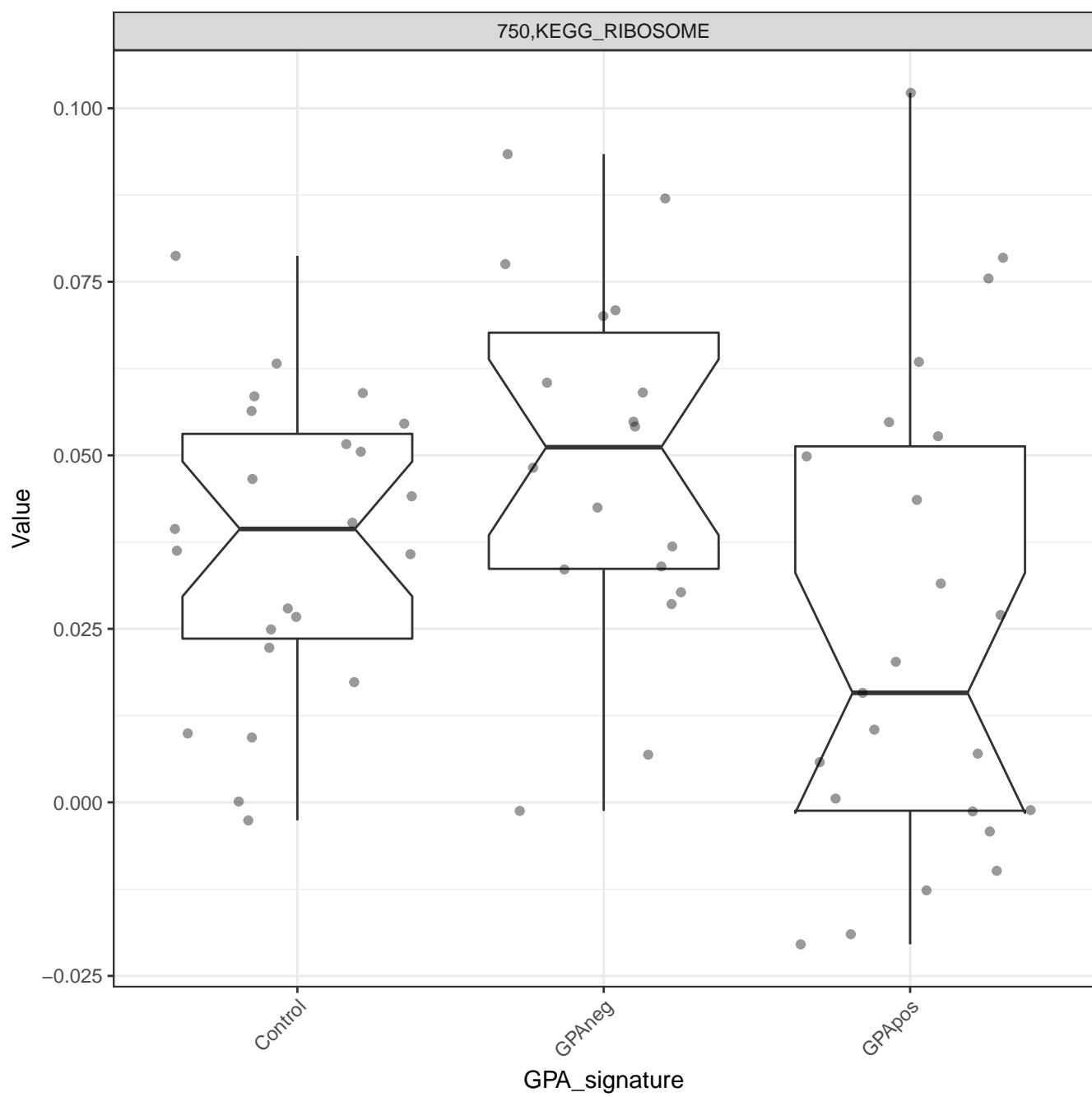
GPA_signature

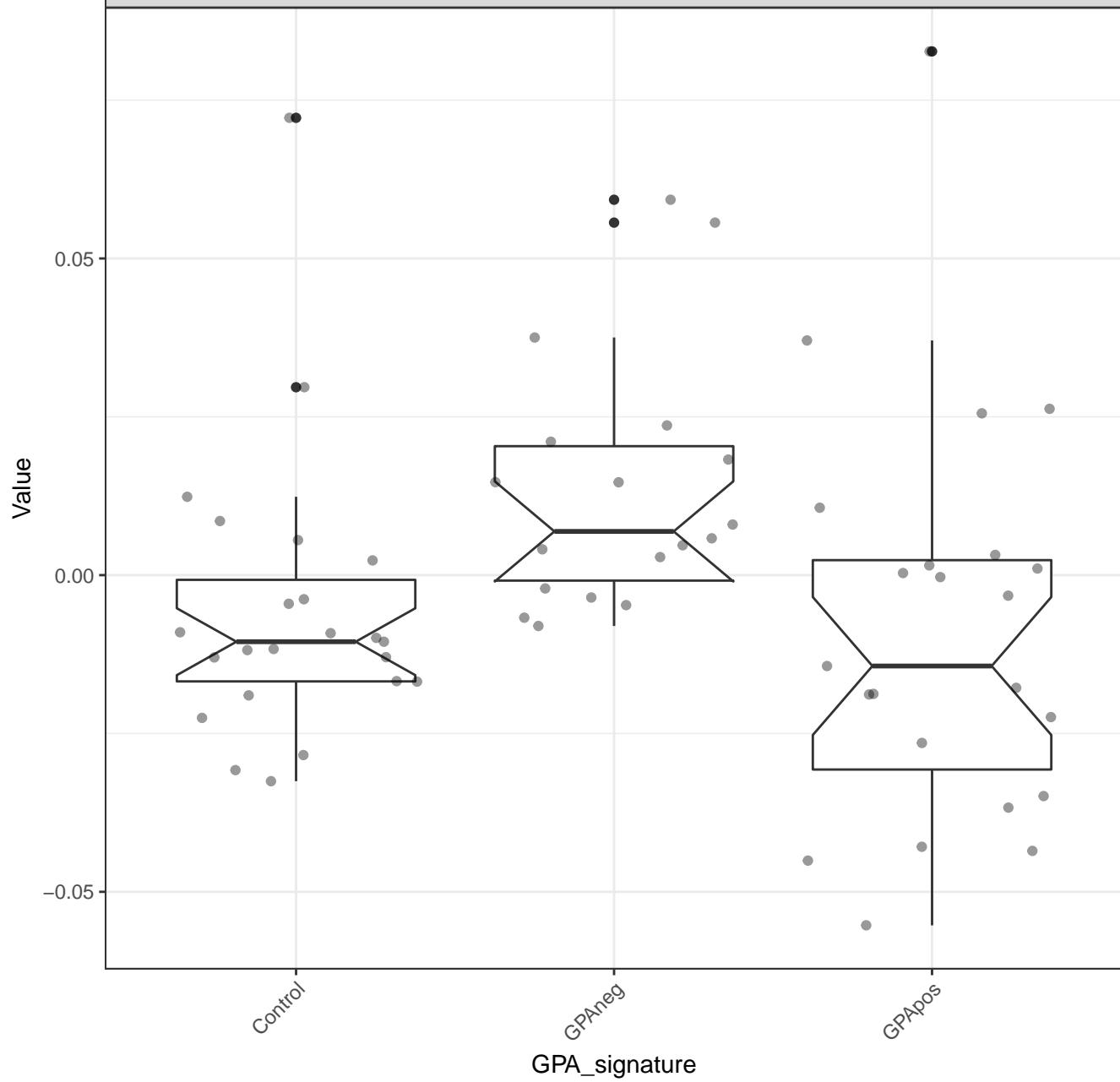
GPAneg

GPApos

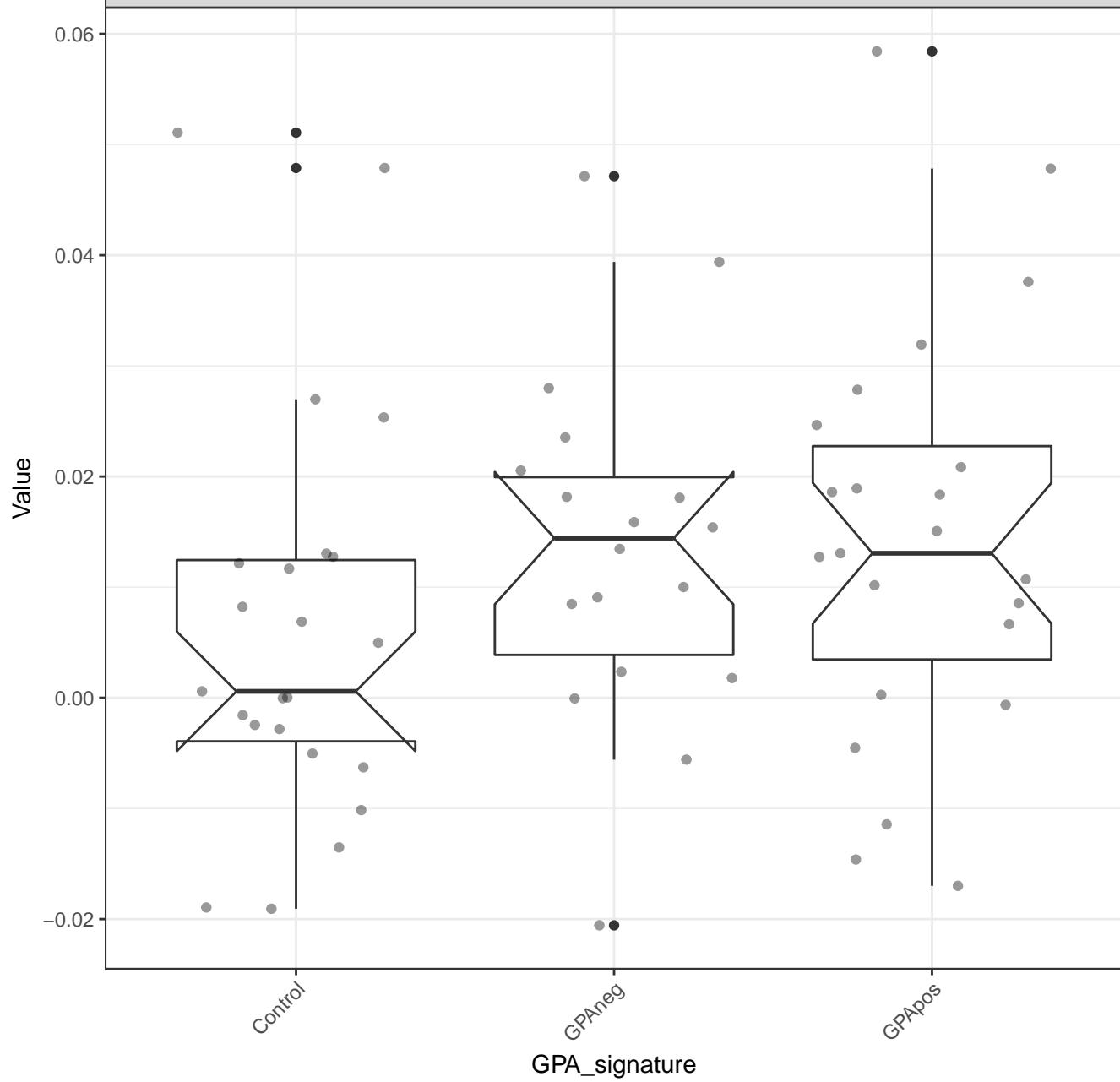


750,KEGG_RIBOSOME

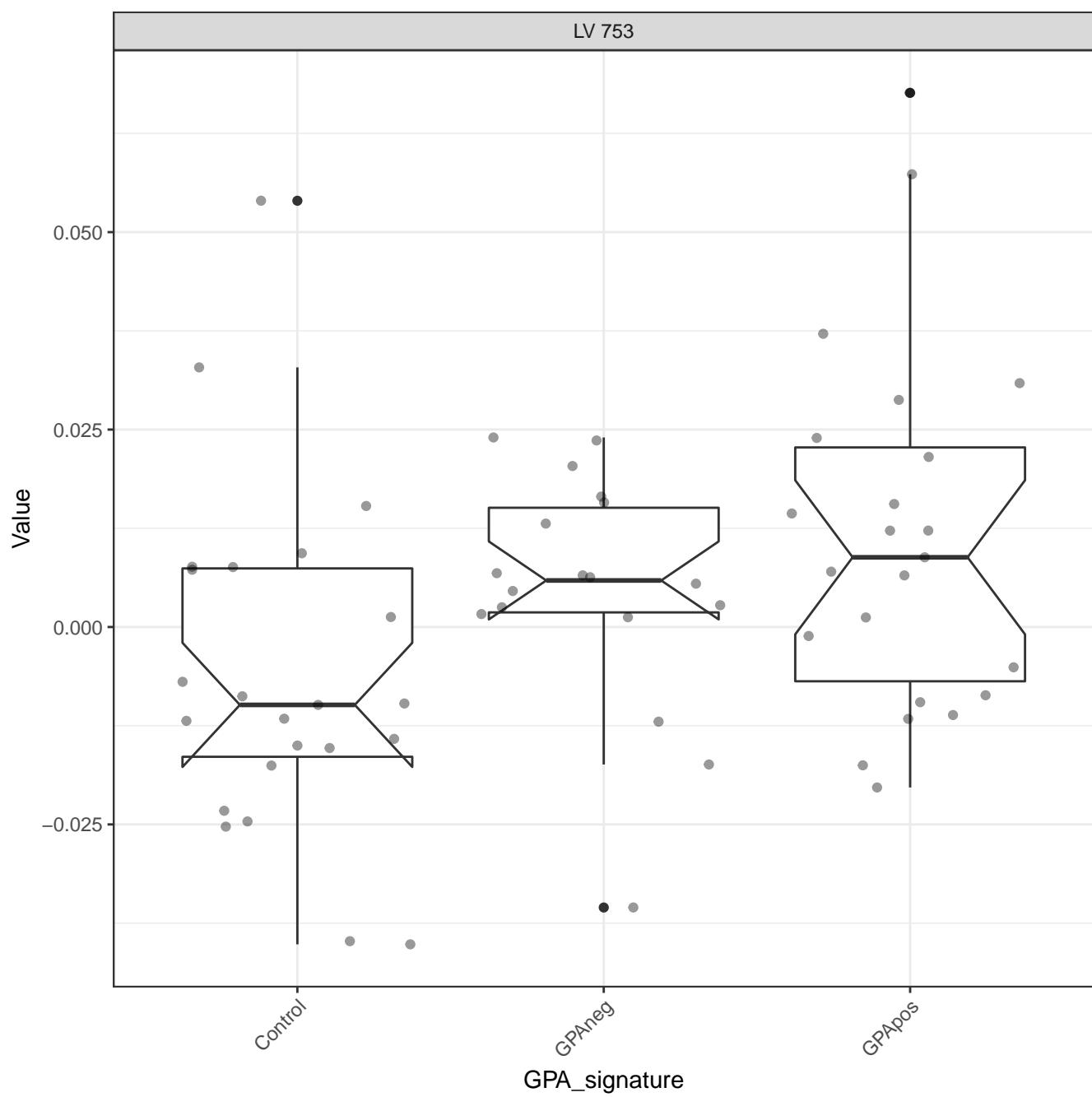




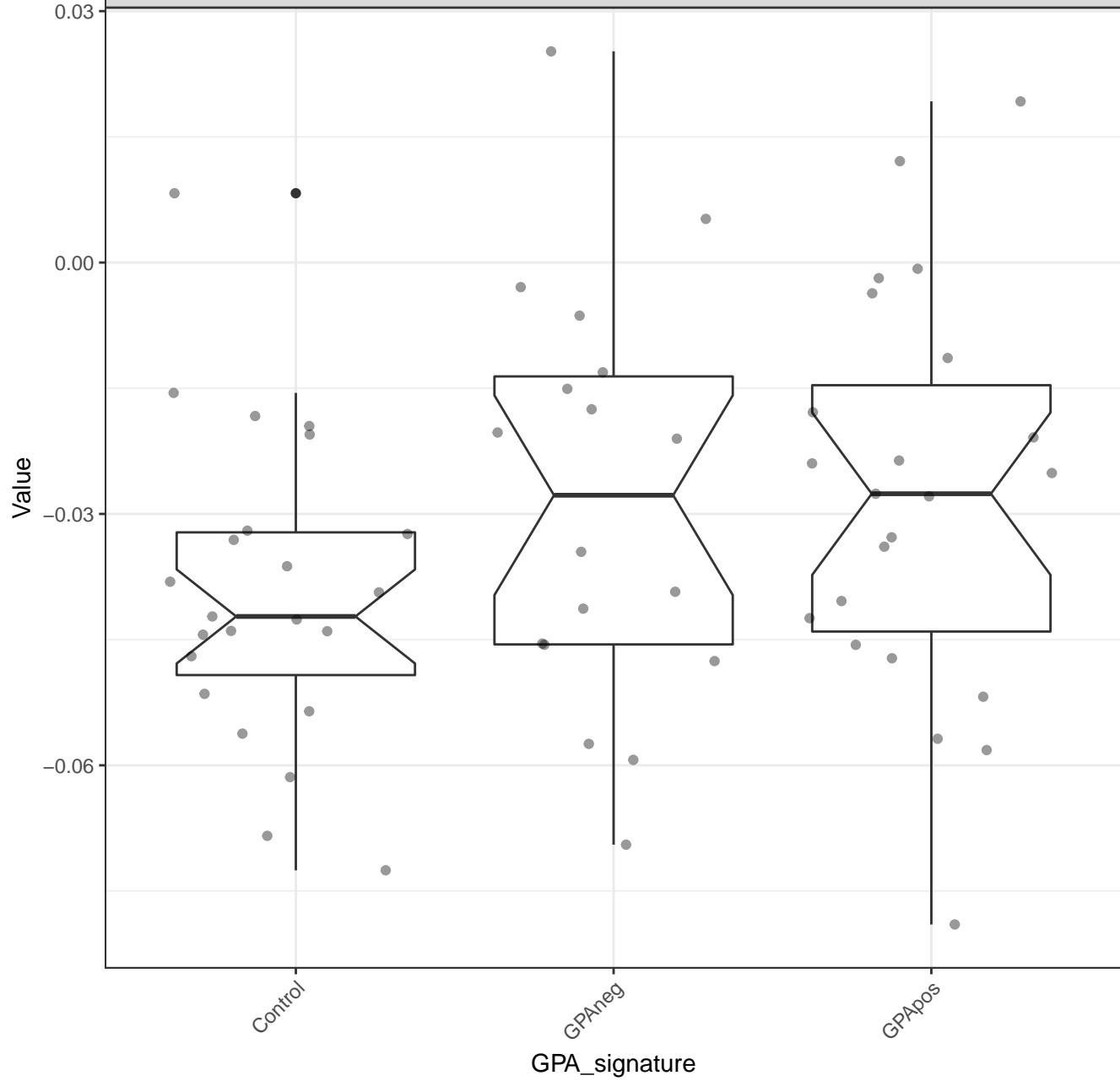
LV 752



LV 753



LV 754



LV 755

Value

0.04

0.02

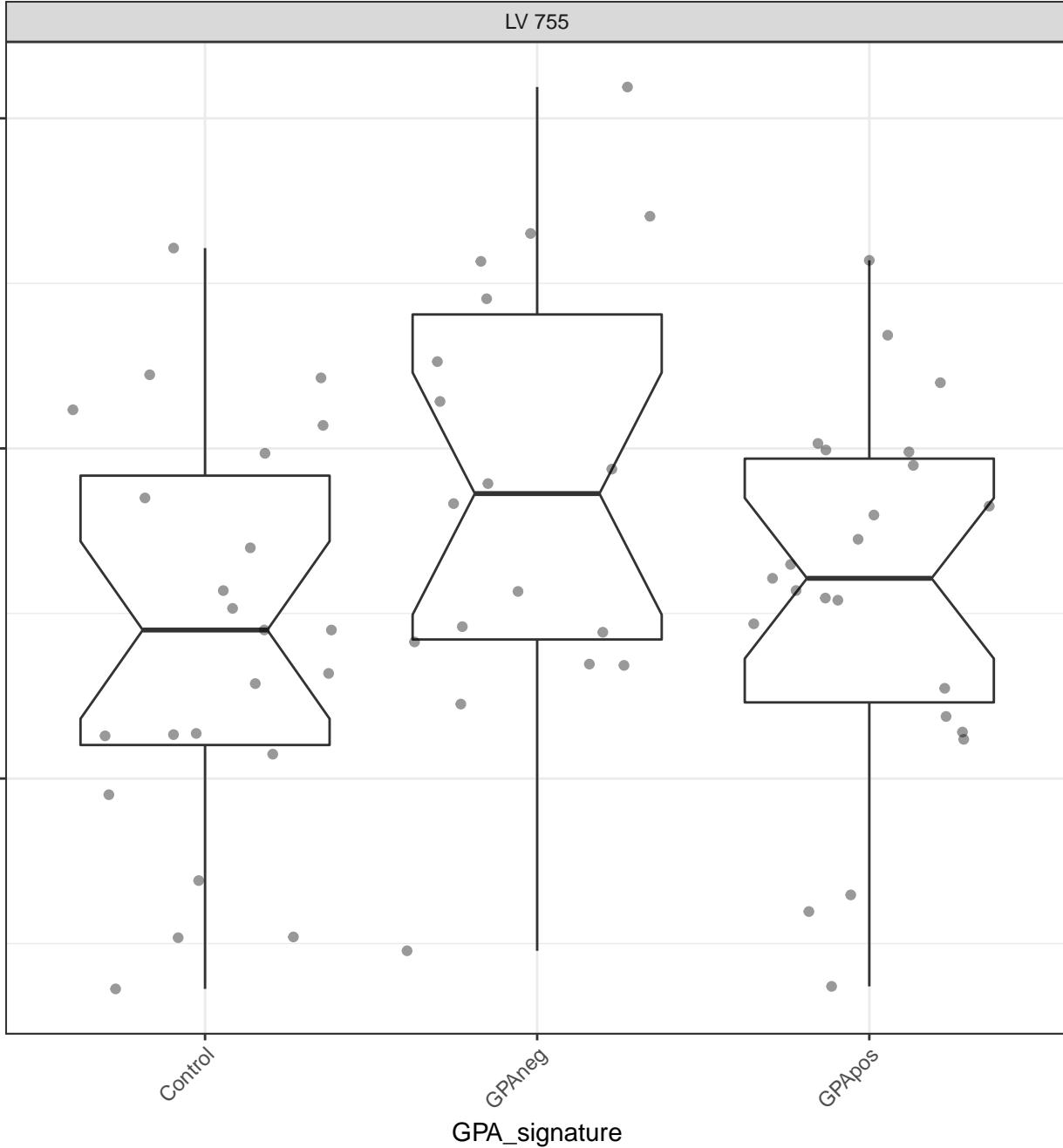
0.00

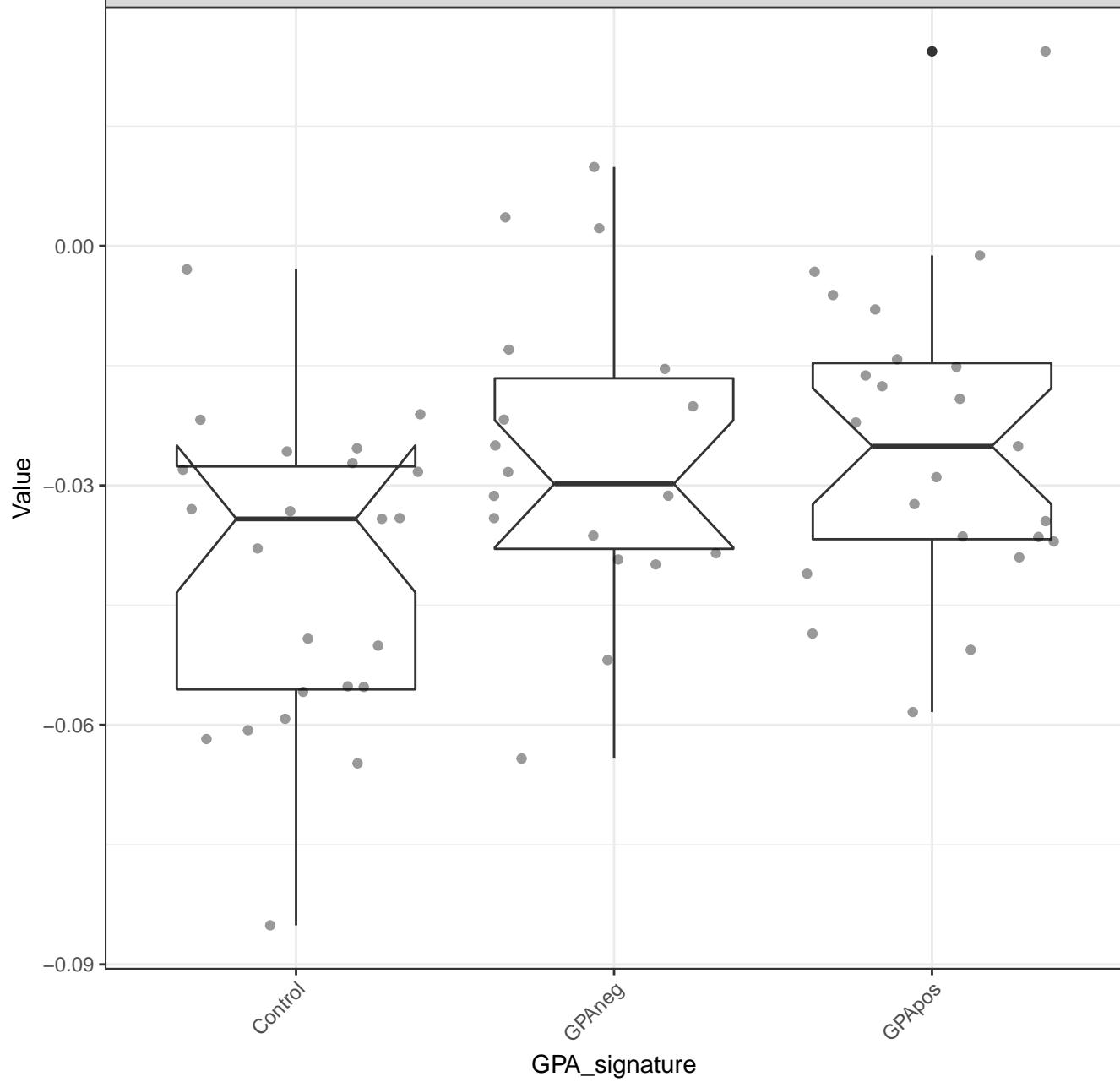
Control

GPA_signature

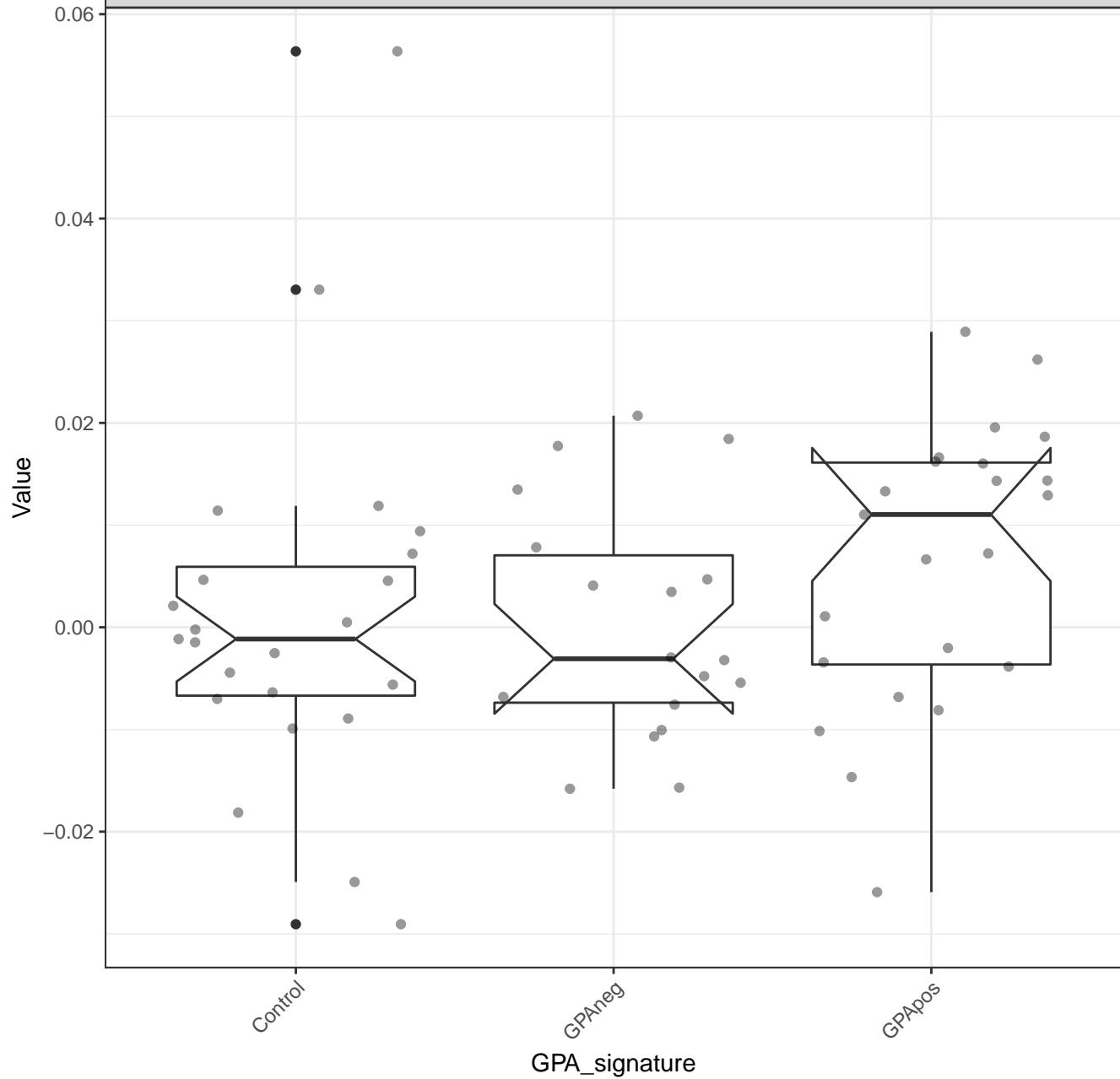
GPAneg

GPApos





LV 757



LV 758

Value

0.10

0.05

0.00

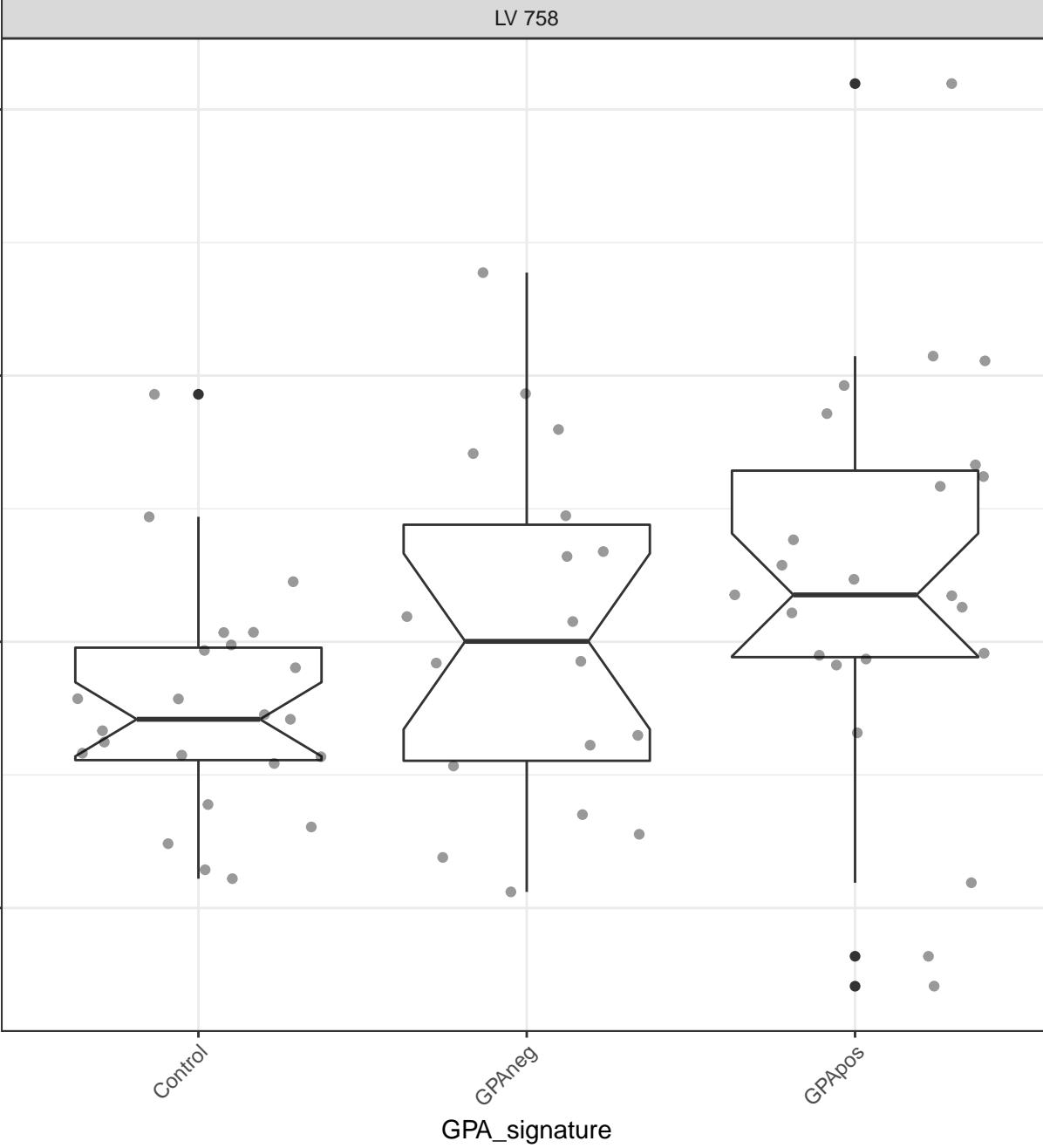
-0.05

Control

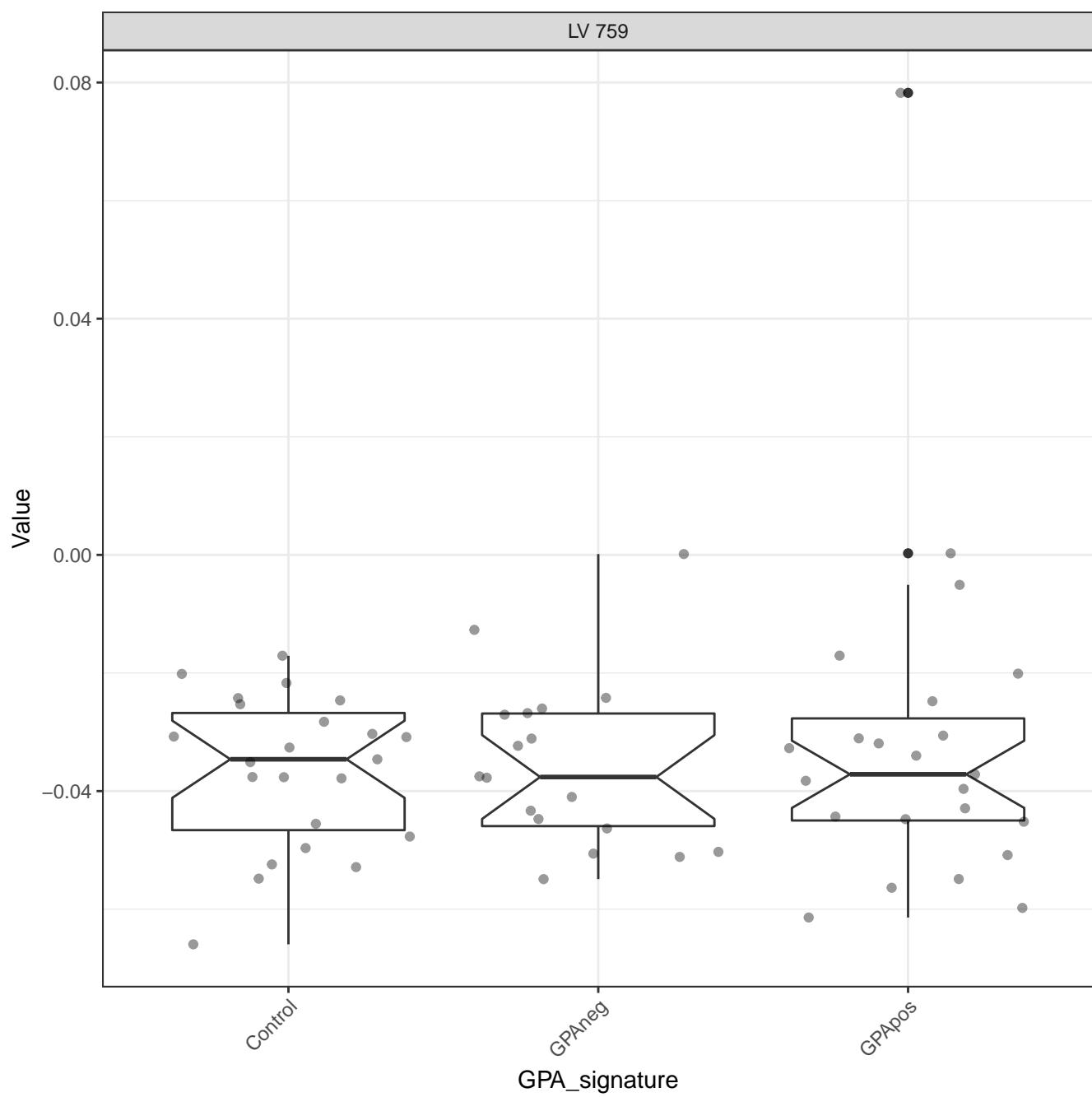
GPAneg

GPAPos

GPA_signature



LV 759



LV 760

Value

0.025

0.000

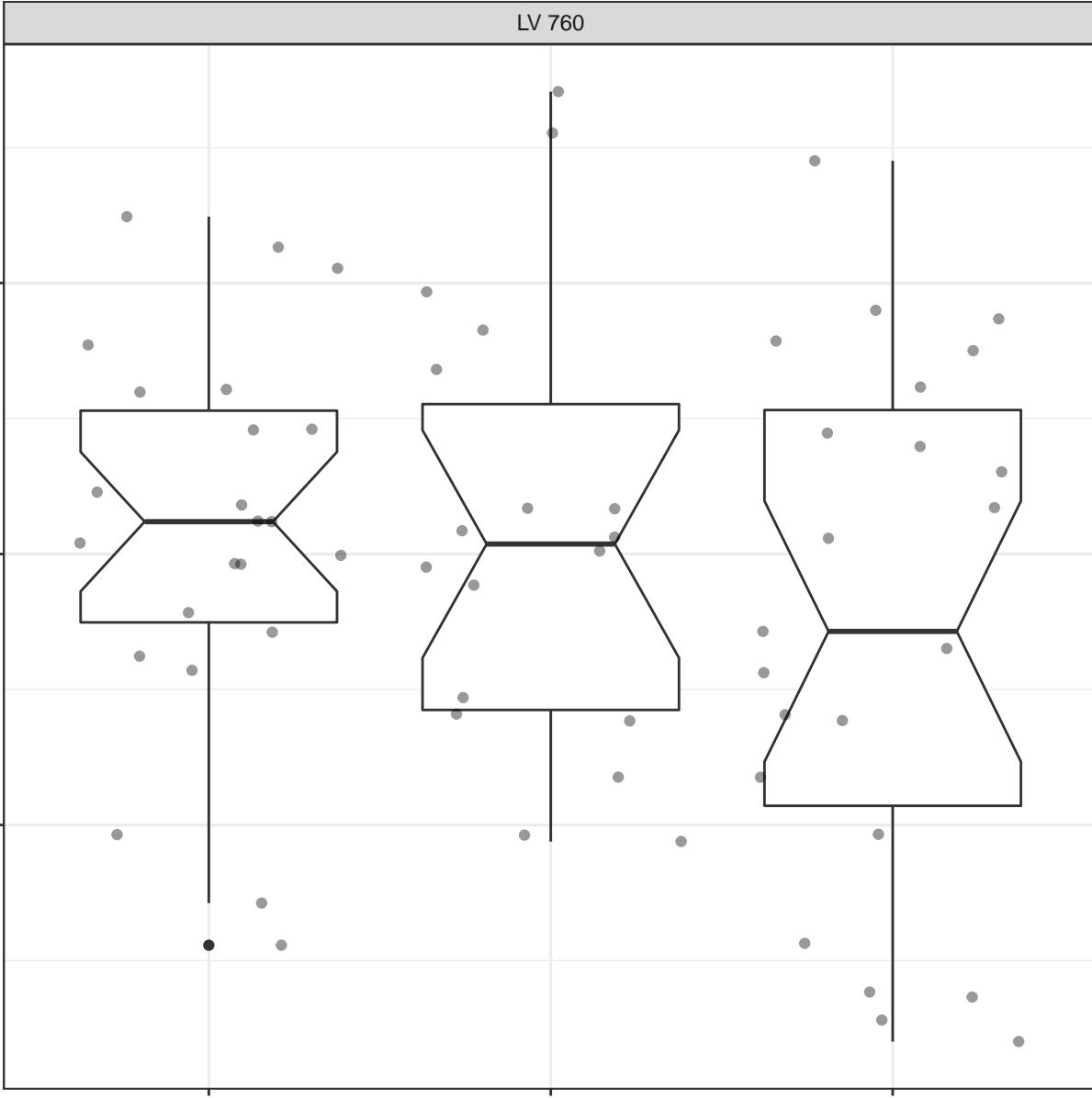
-0.025

Control

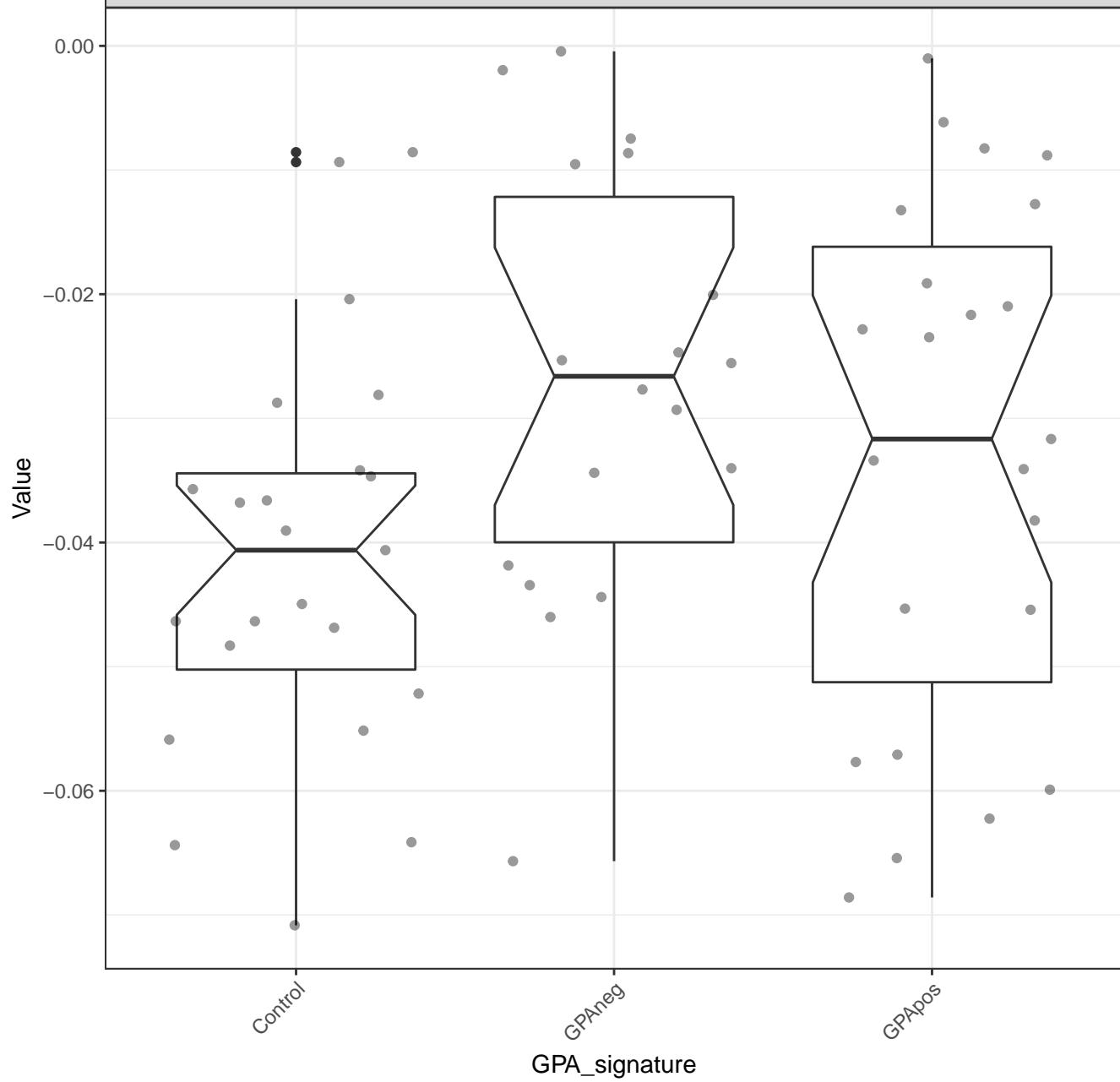
GPA_signature

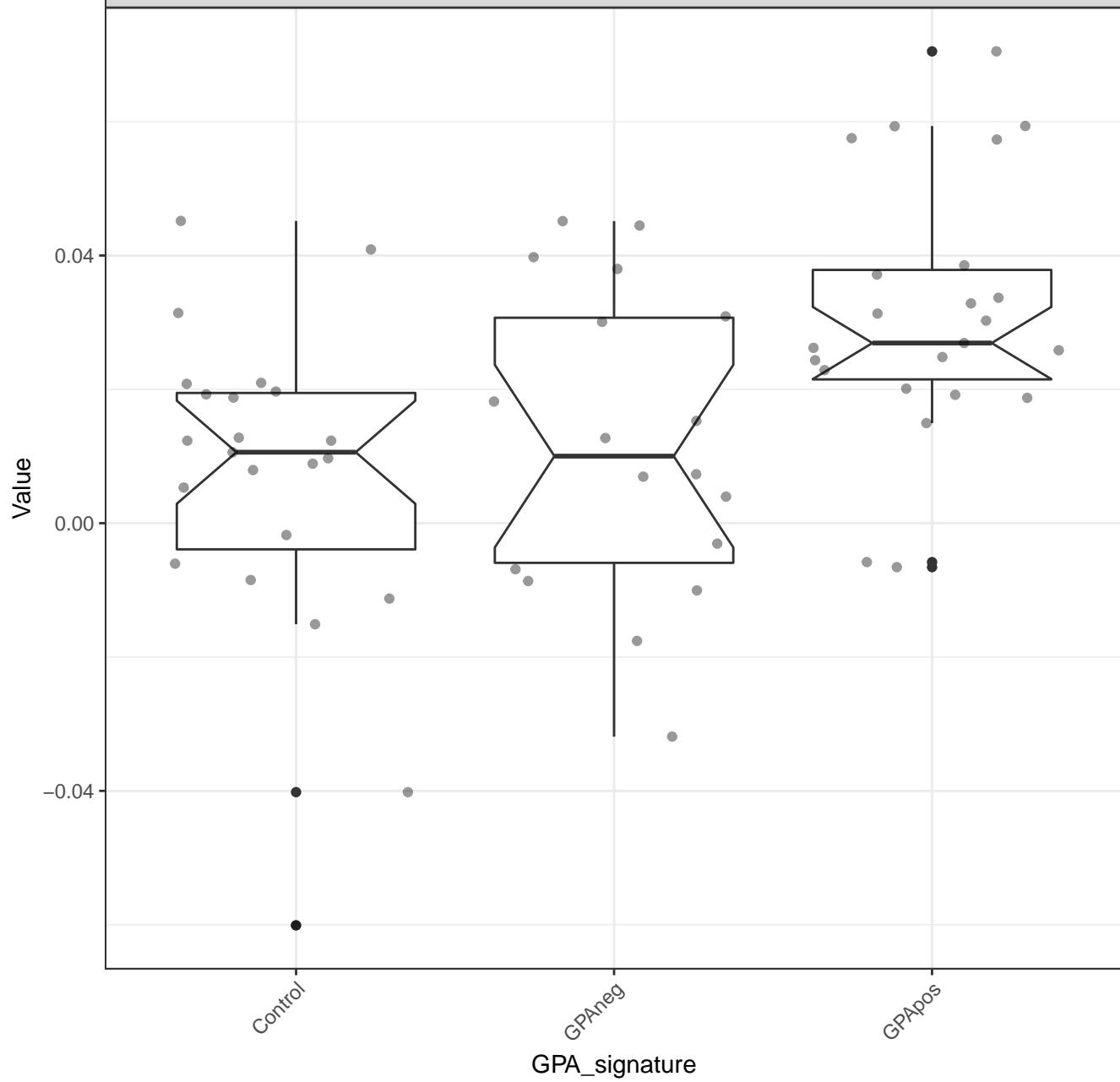
GPAneg

GPAPos



LV 761





LV 763

Value

0.025

0.000

-0.025

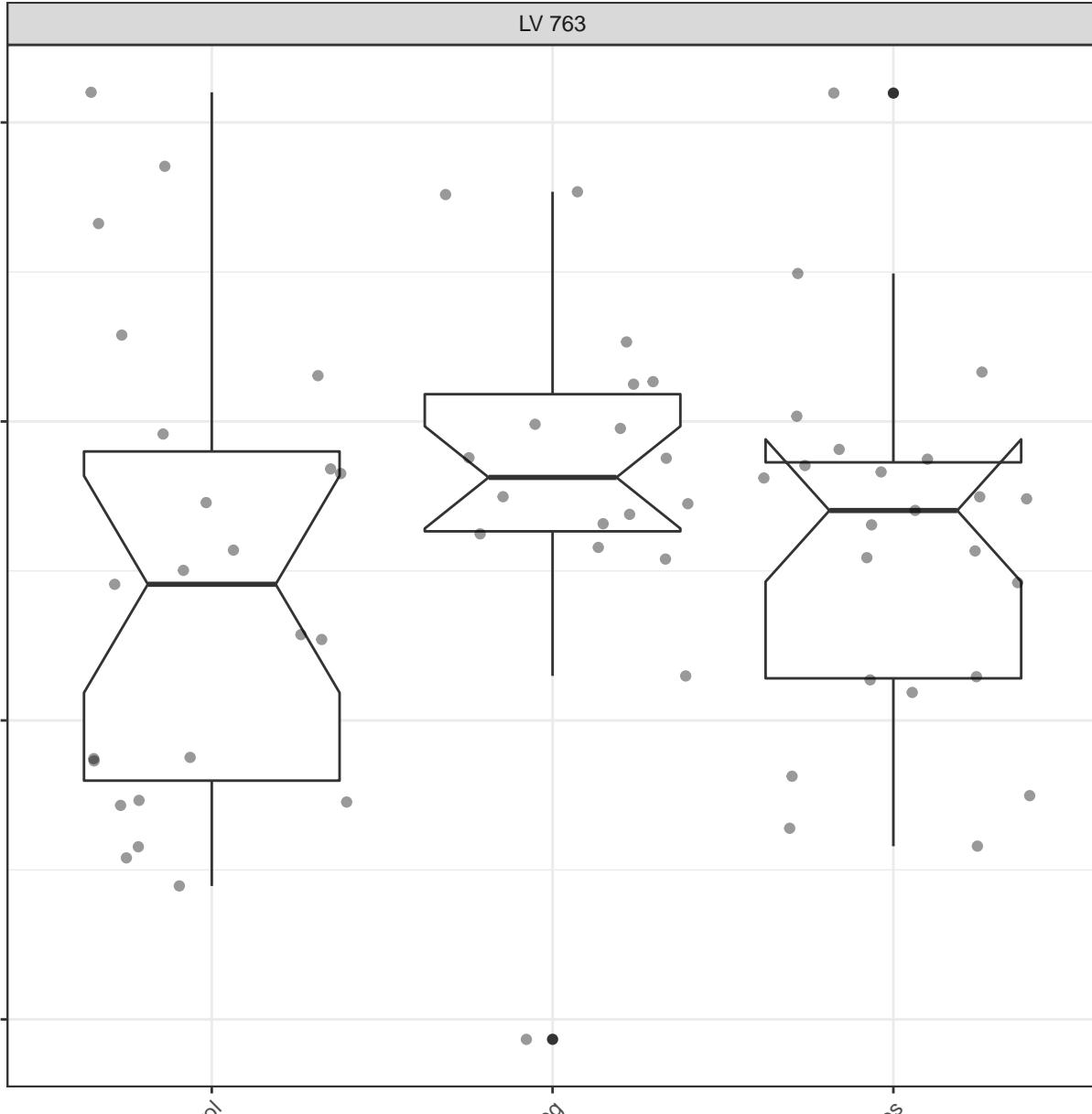
-0.050

Control

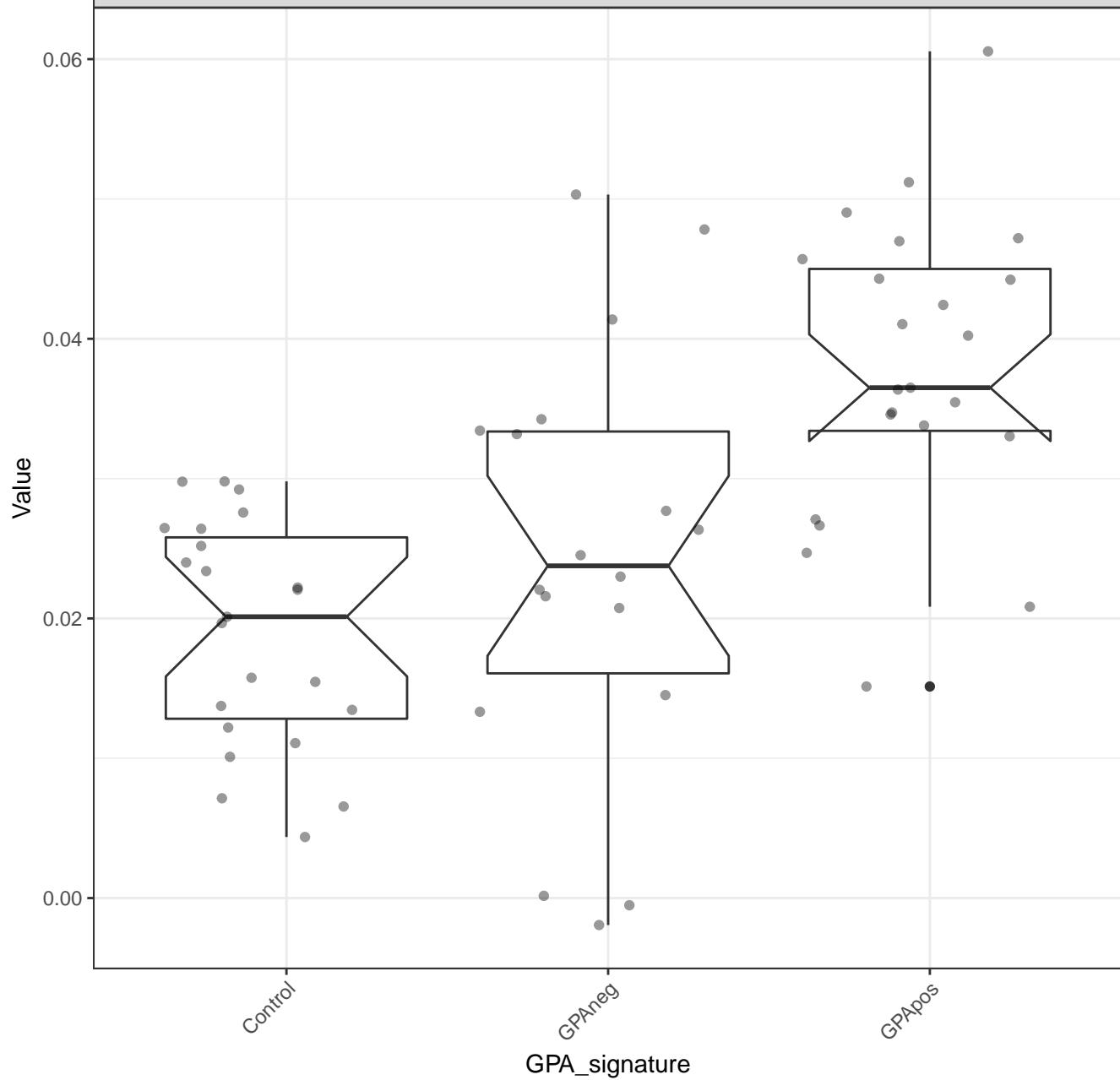
GPA_signature

GPAneg

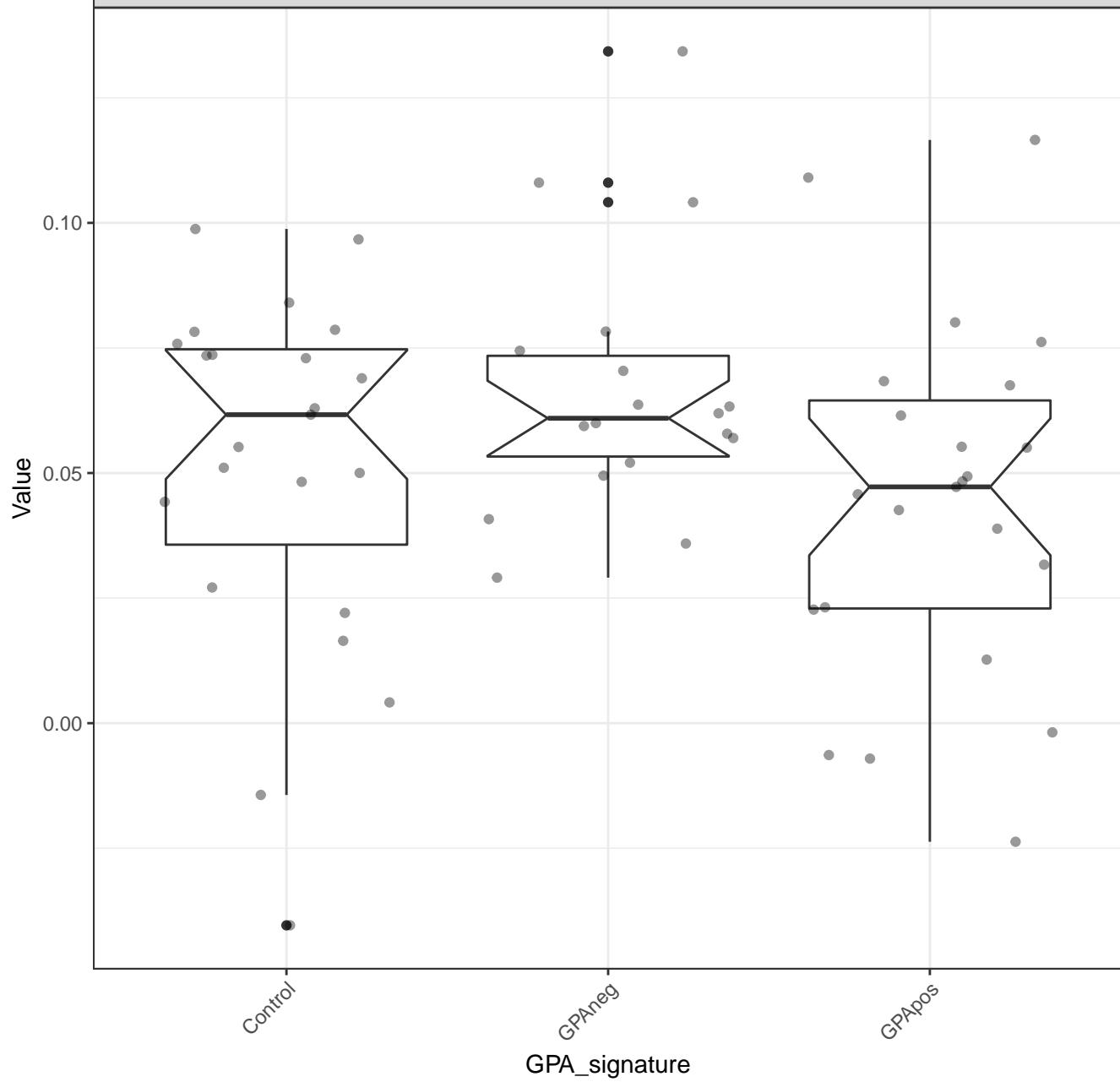
GPAPos



LV 764



765,SVM NK cells resting



766,KEGG_DILATED_CARDIOMYOPATHY

Value

0.10

0.05

0.00

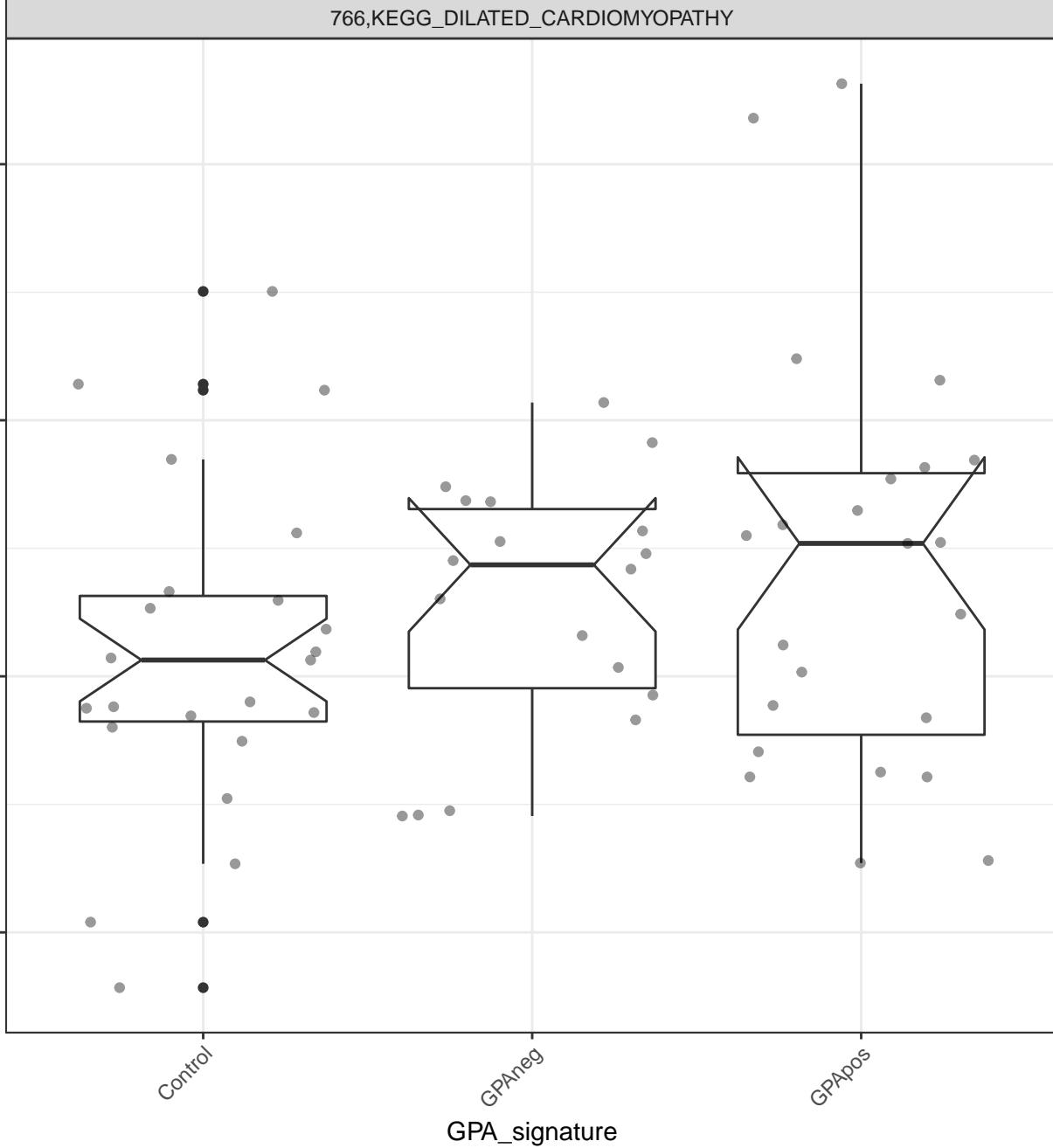
-0.05

Control

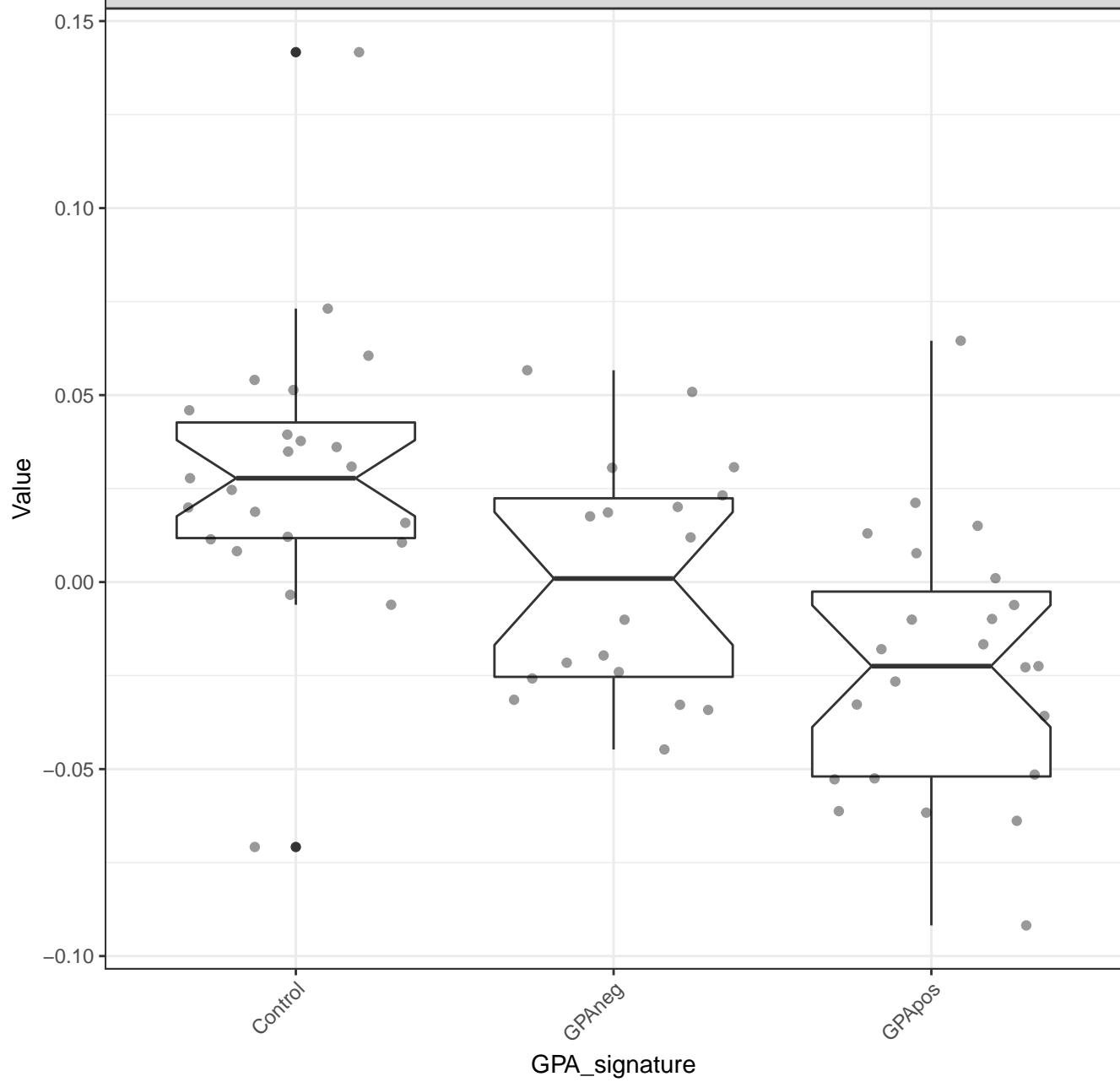
GPAneg

GPAPos

GPA_signature



767,SVM B cells naive



Value

0.05

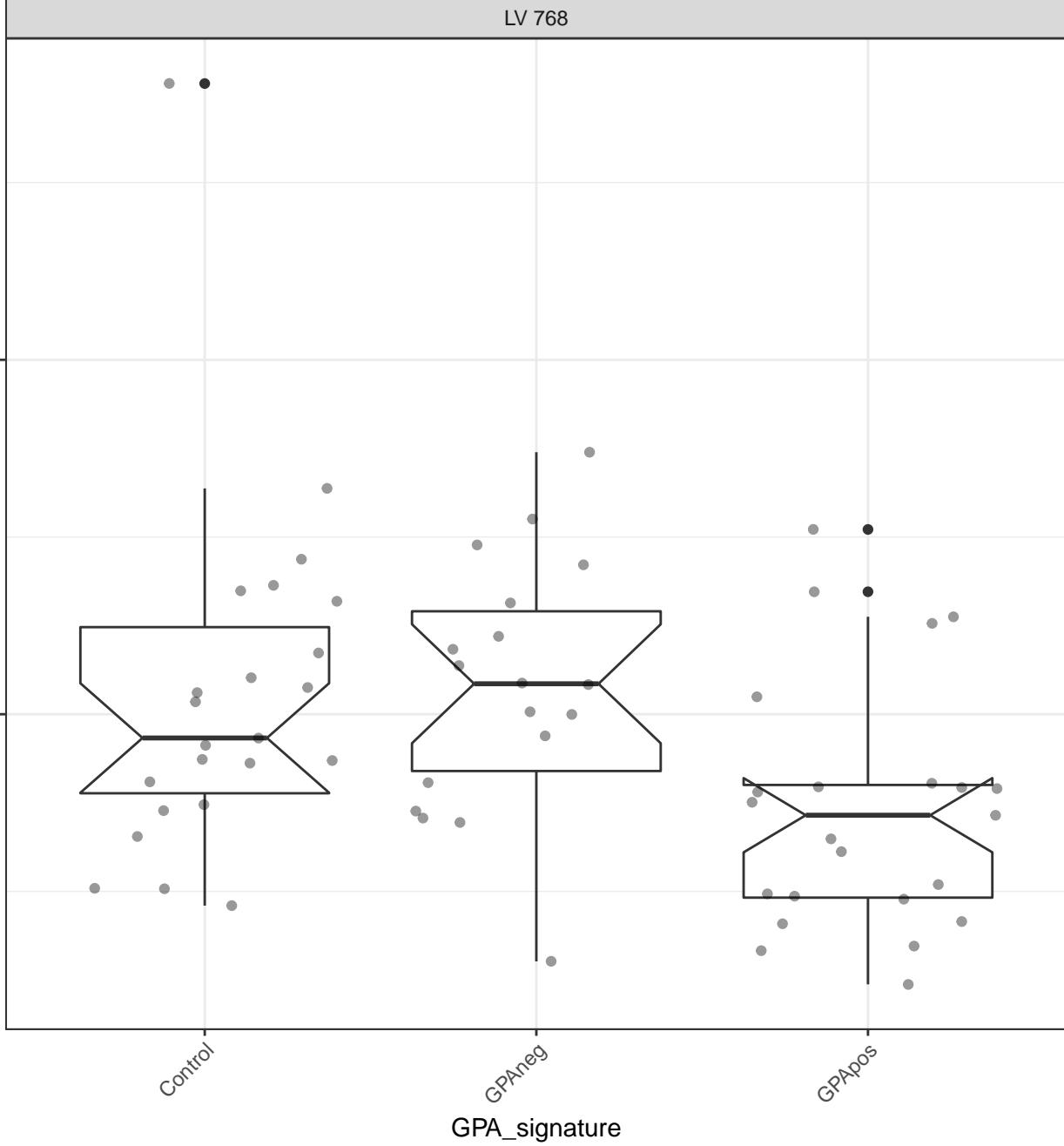
0.00

Control

GPA_signature

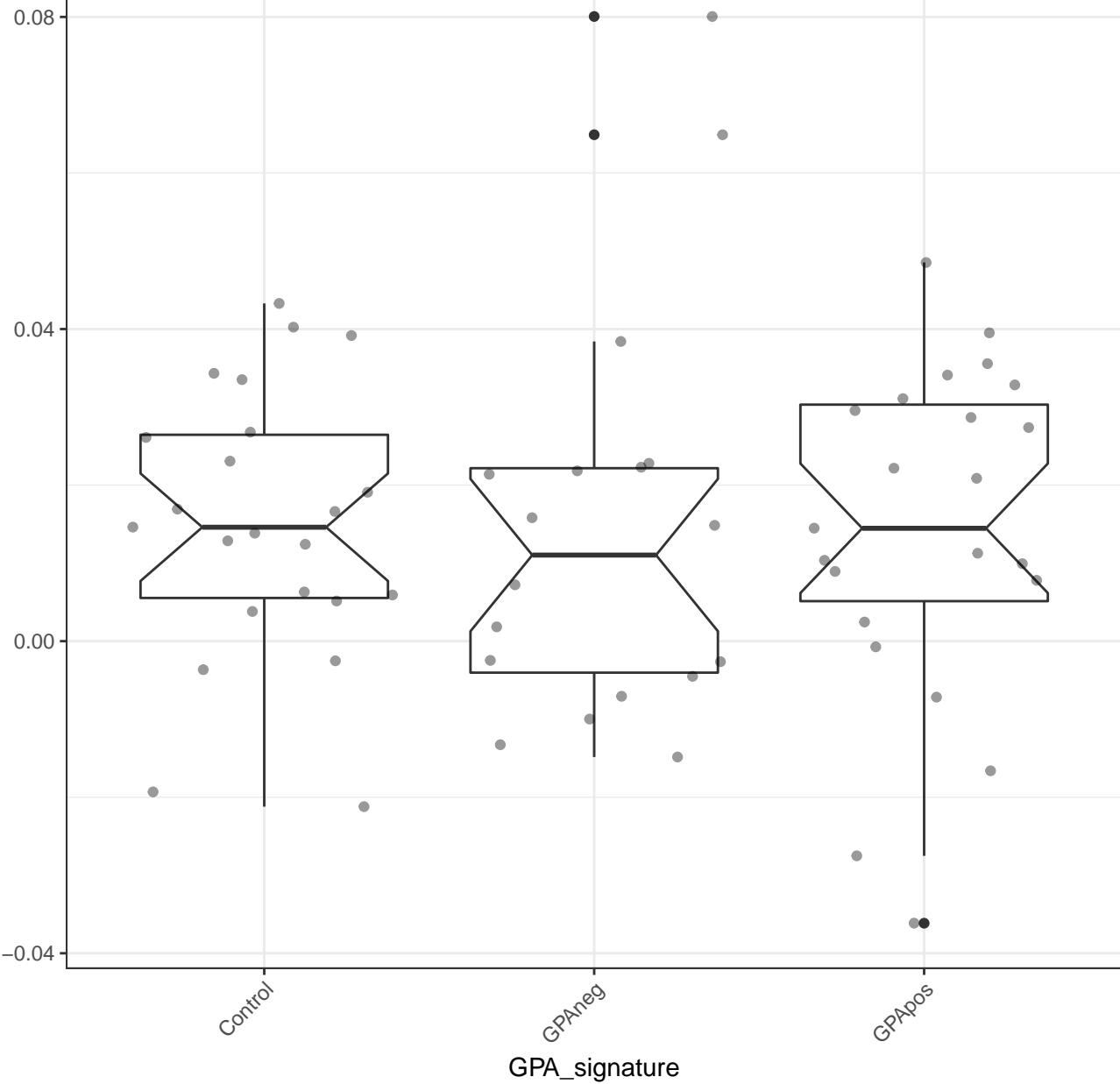
GPAneg

GPApos



LV 769

Value



LV 770

Value

0.04

0.02

0.00

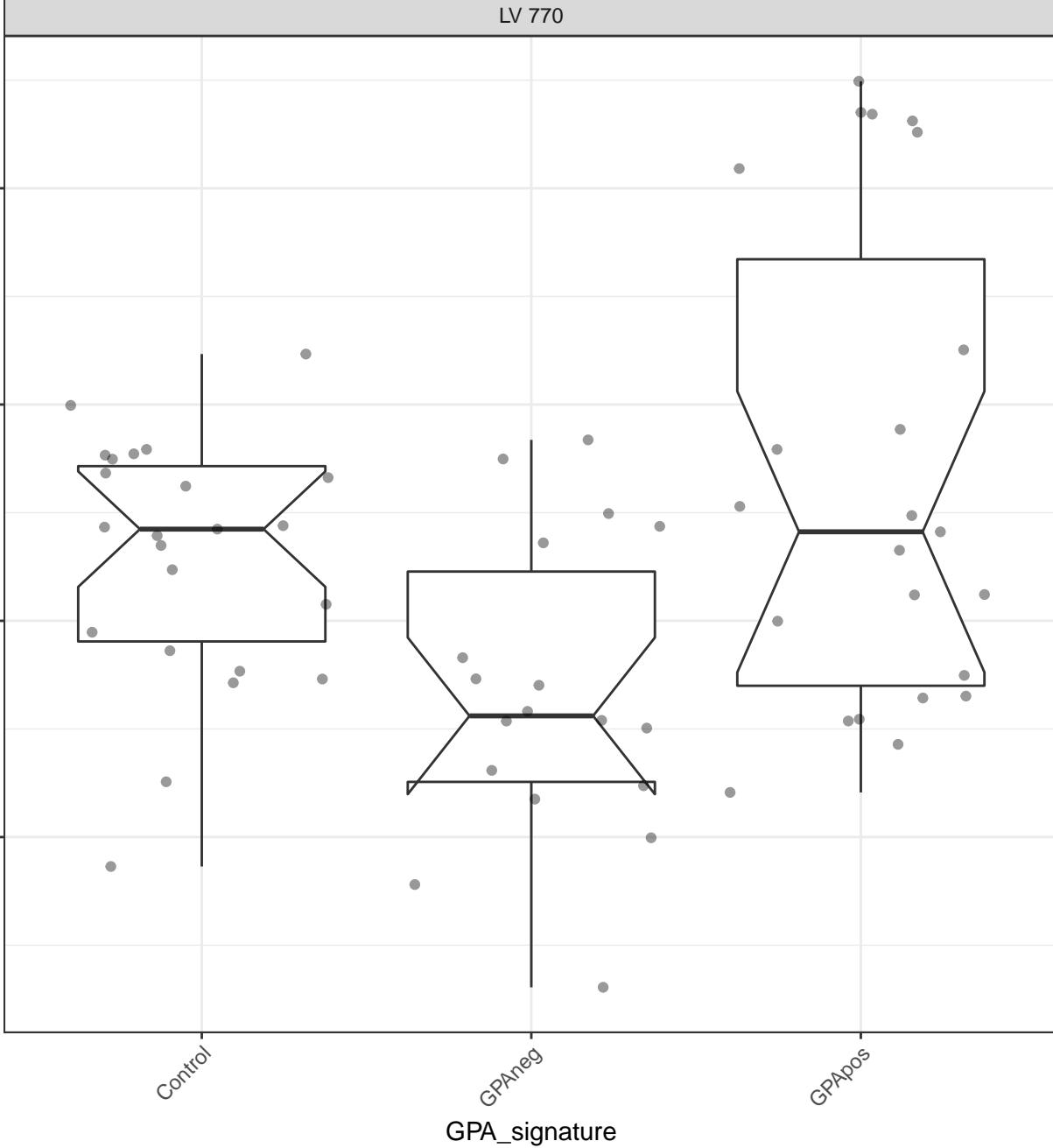
-0.02

Control

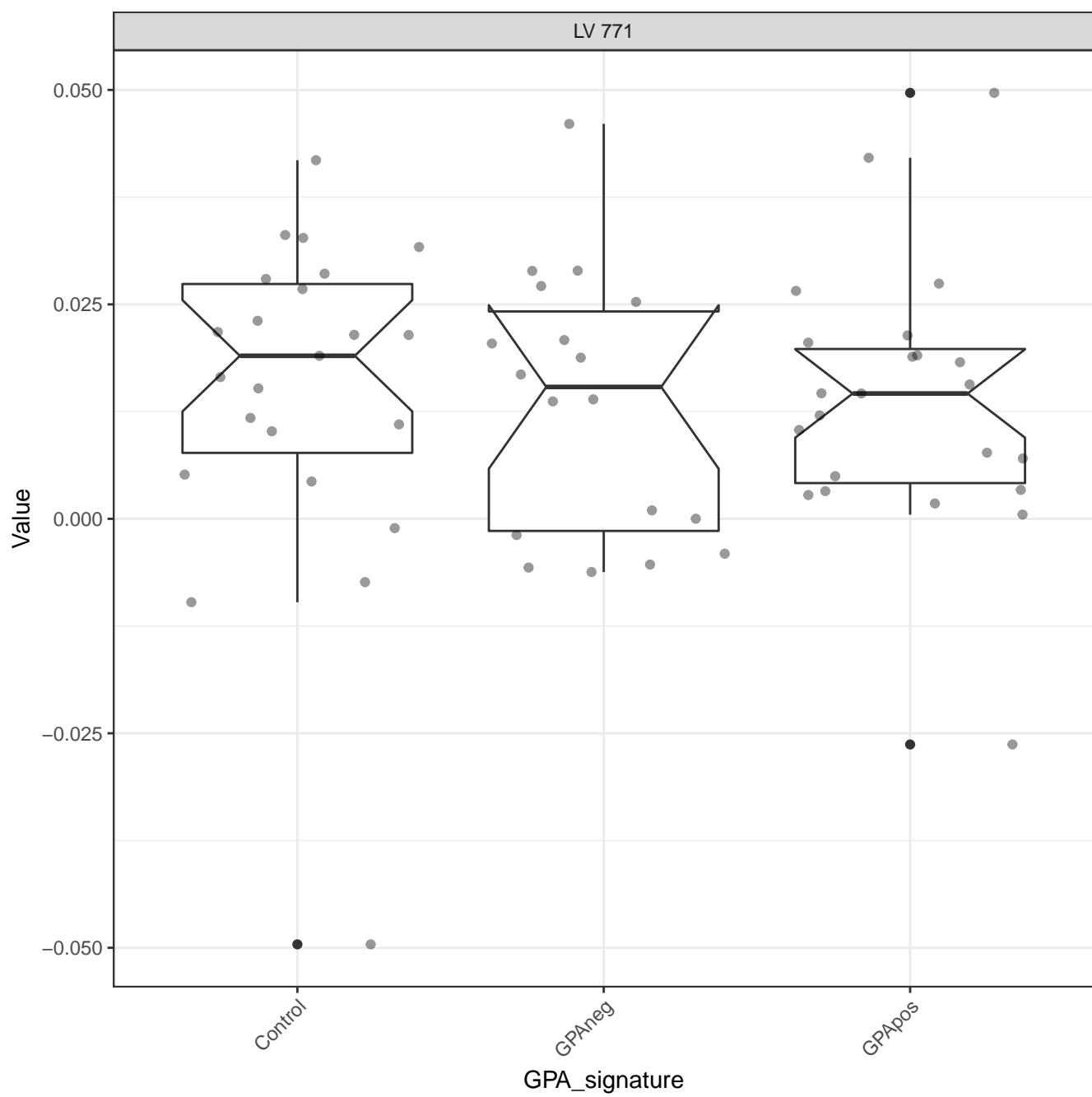
GPAneg

GPApos

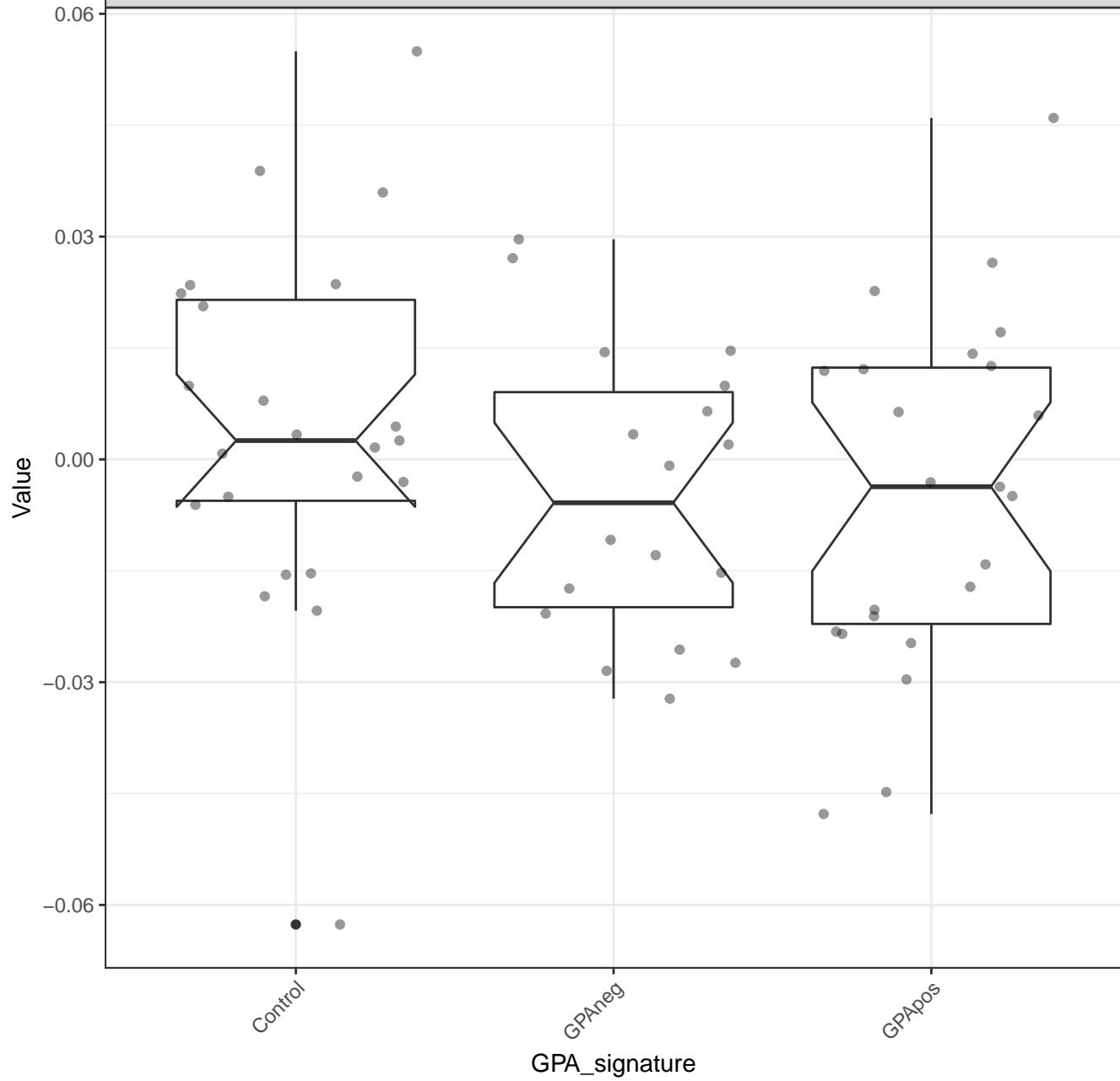
GPA_signature

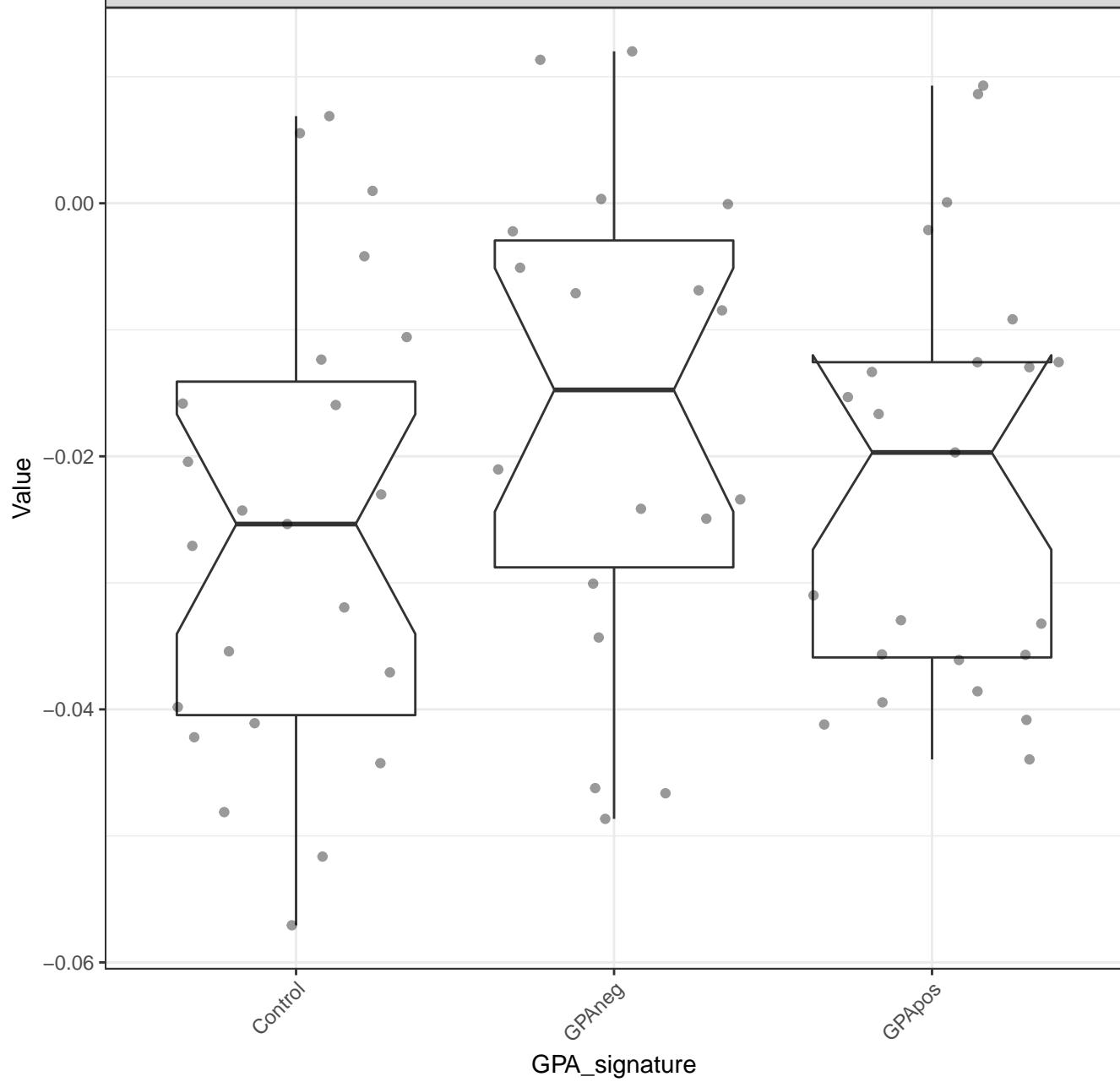


LV 771

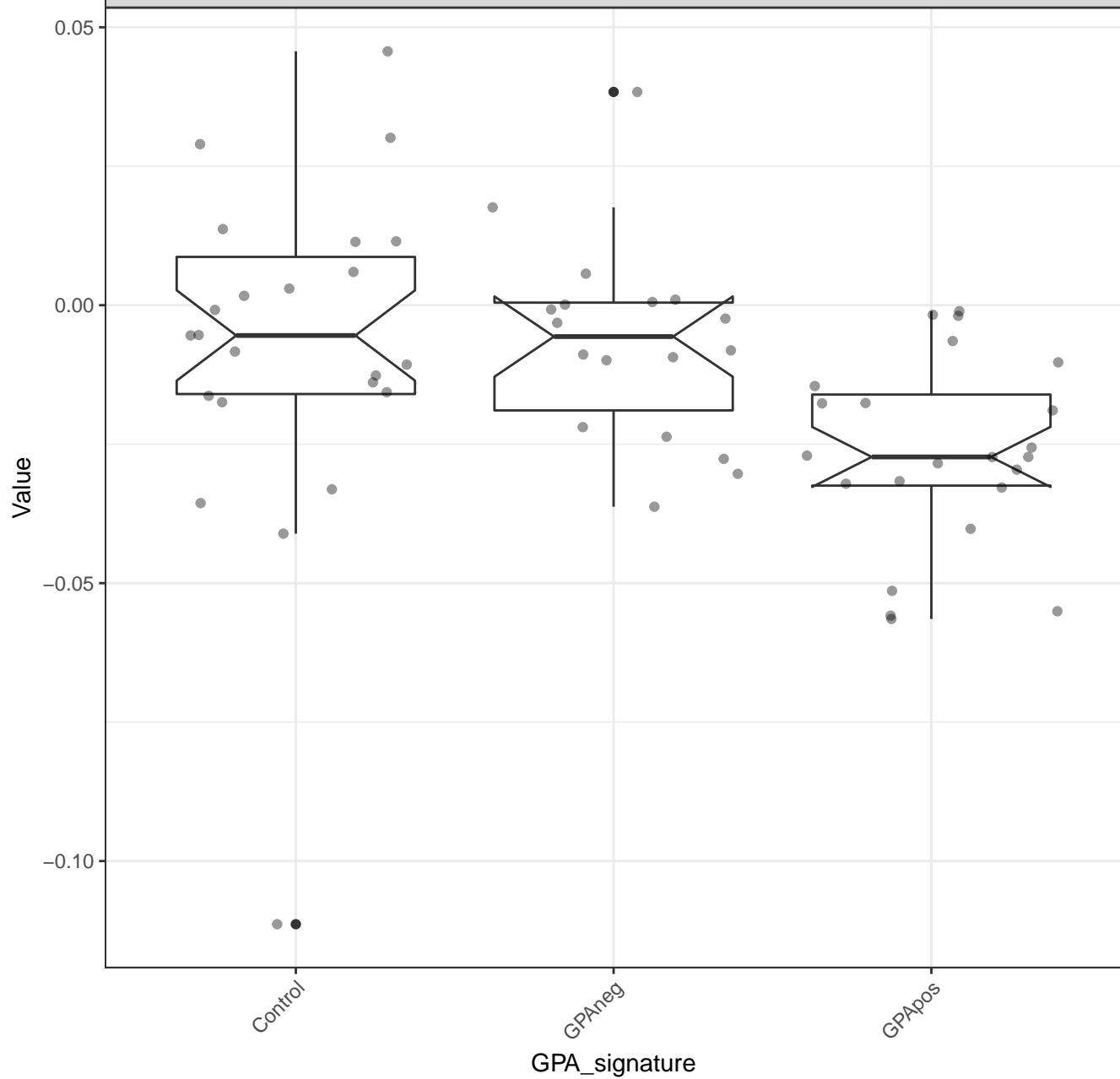


LV 772





LV 774



LV 775

Value

0.04

0.02

0.00

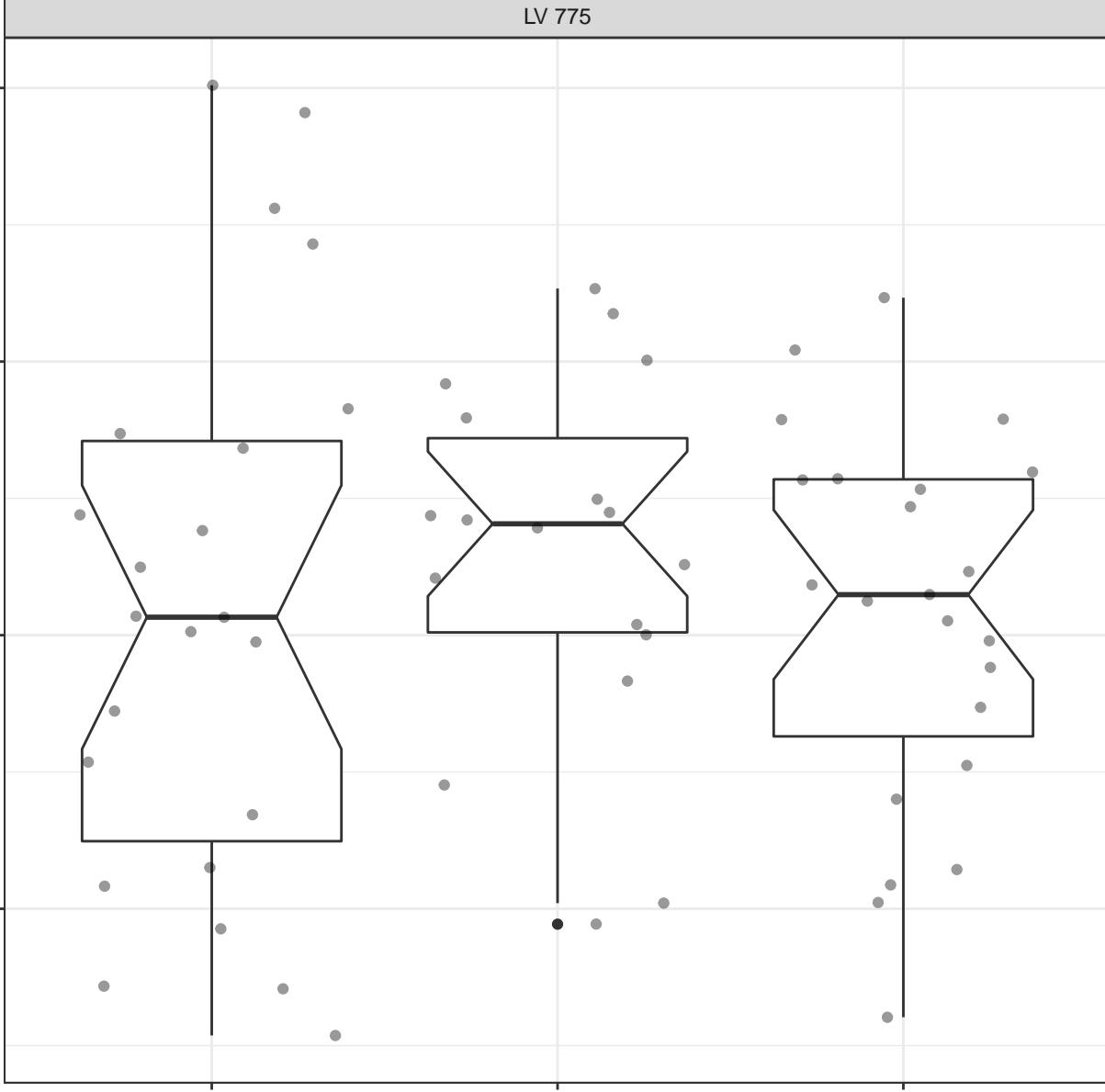
-0.02

Control

GPAneg

GPAPos

GPA_signature



Value

0.04

0.01

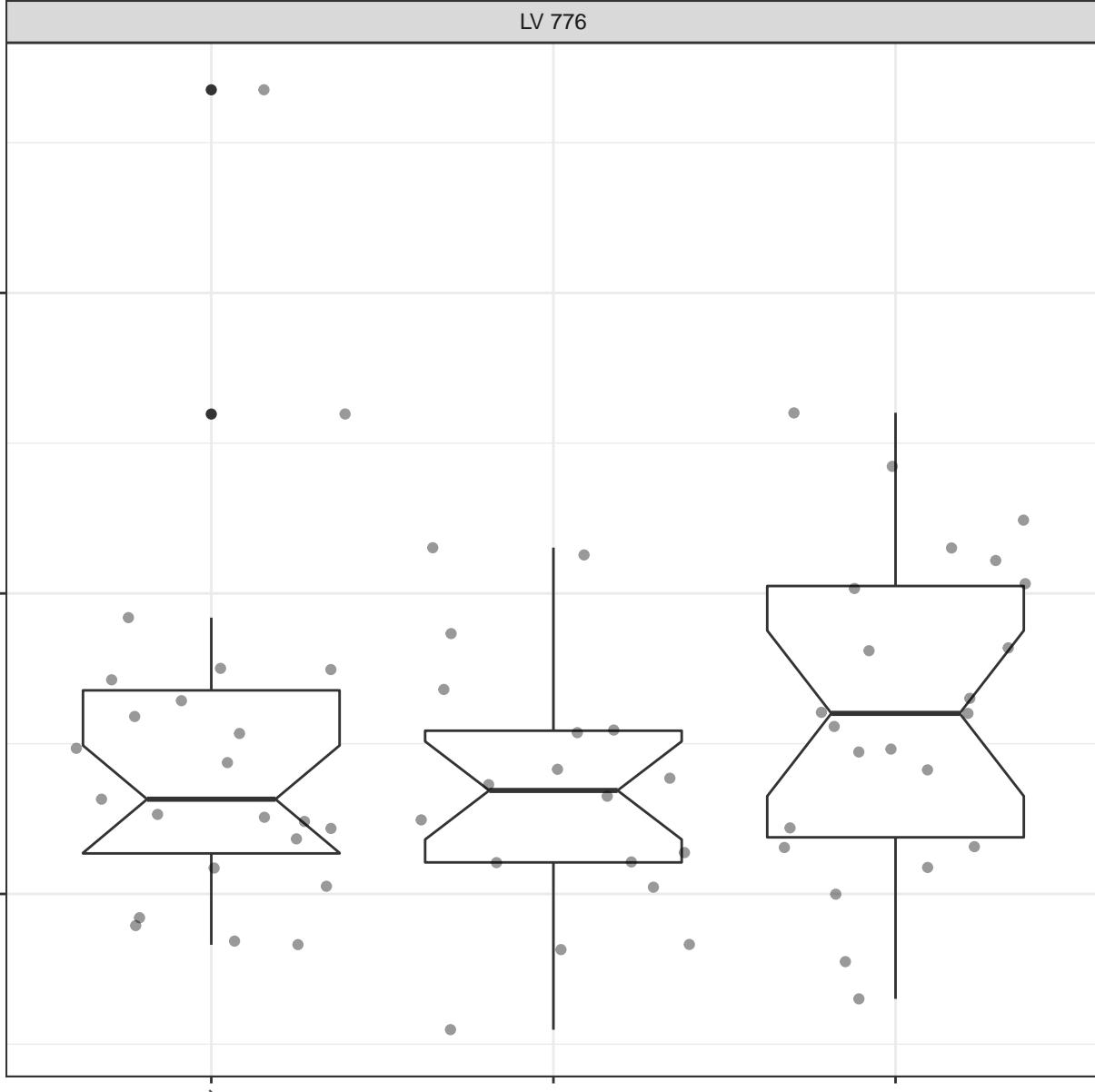
-0.04

Control

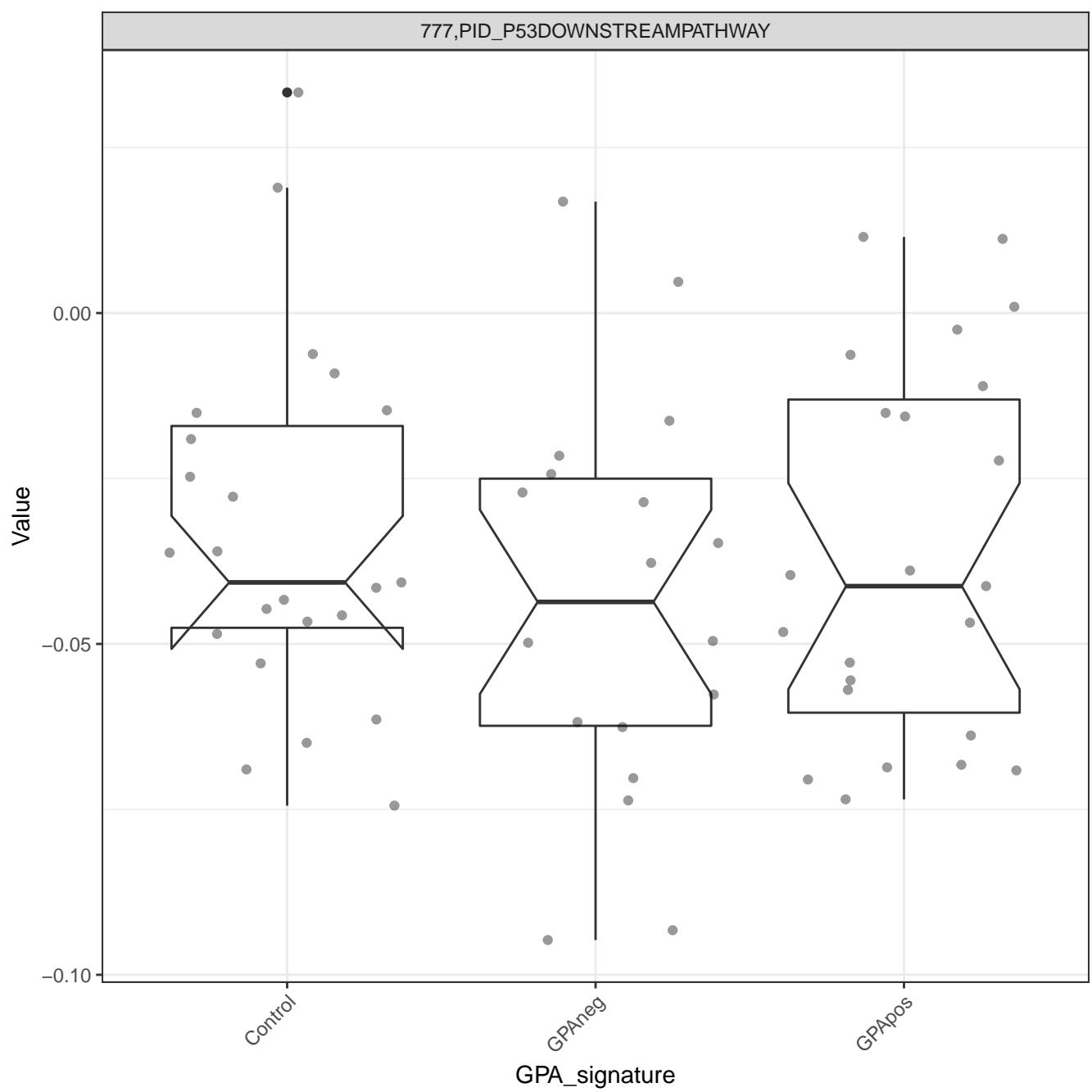
GPA_signature

GPAneg

GPApos



777,PID_P53DOWNSTREAMPATHWAY



LV 778

Value

0.10

0.05

0.00

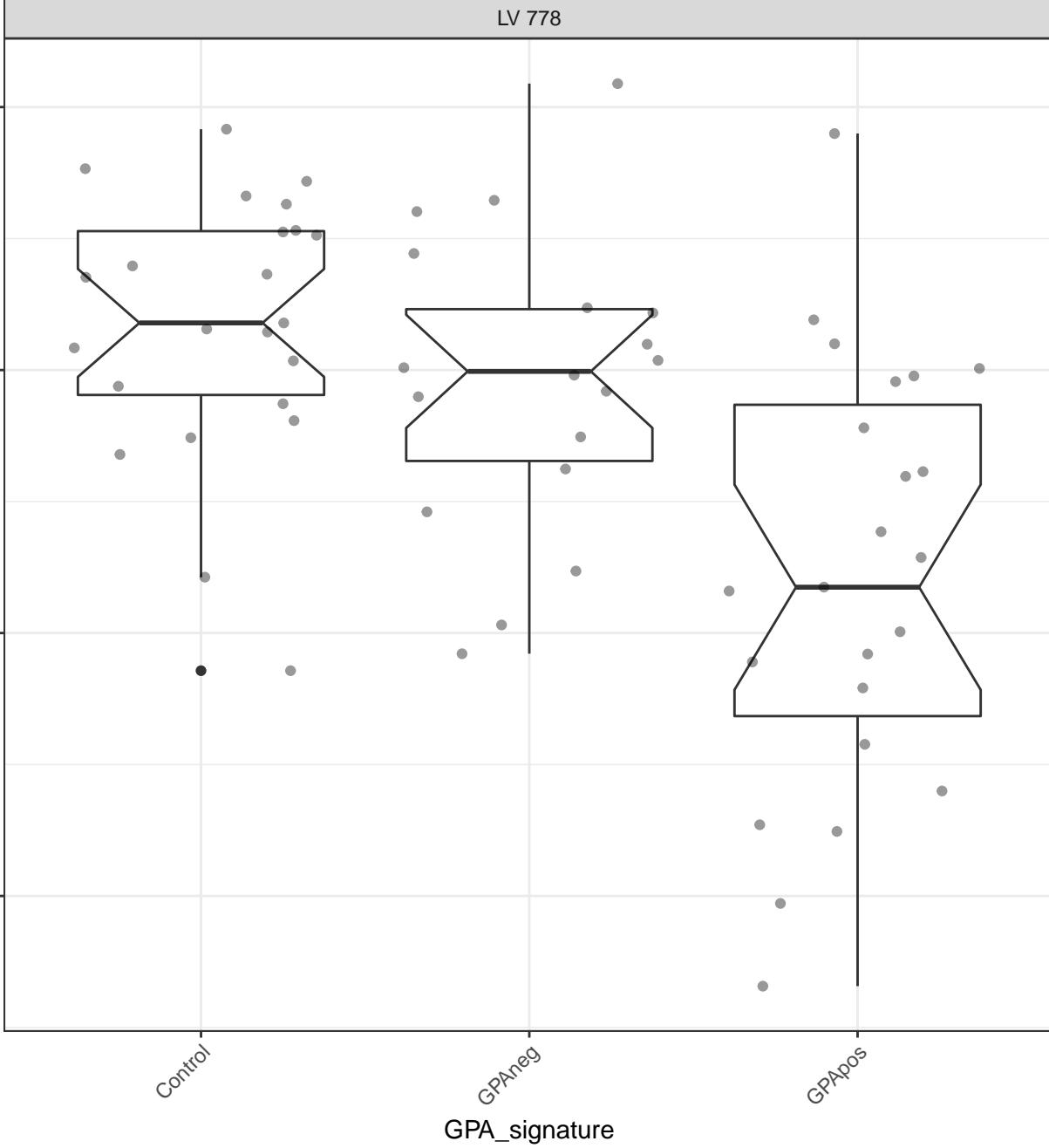
-0.05

Control

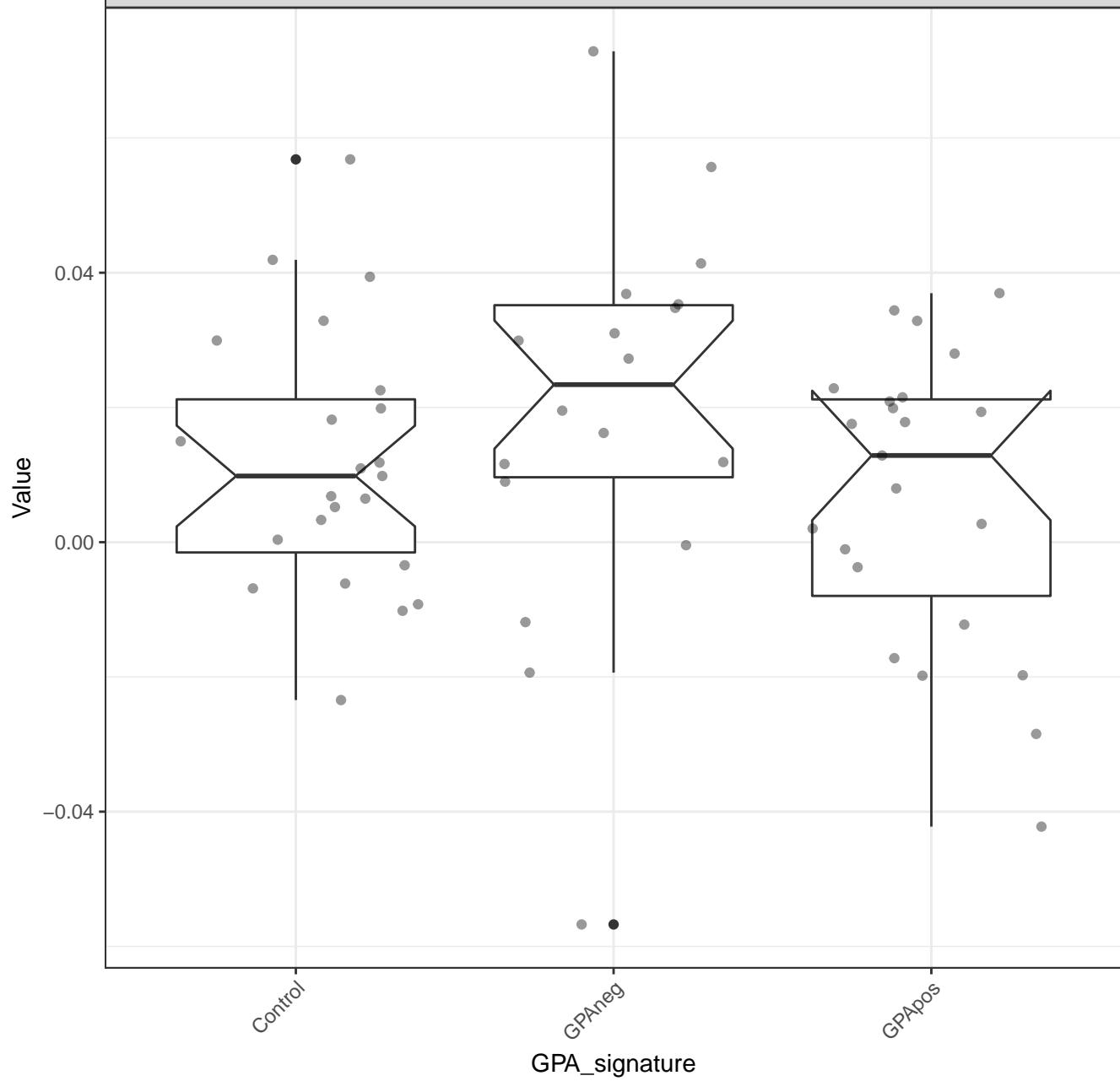
GPAneg

GPAPos

GPA_signature



LV 779



LV 780

Value

0.02

0.00

-0.02

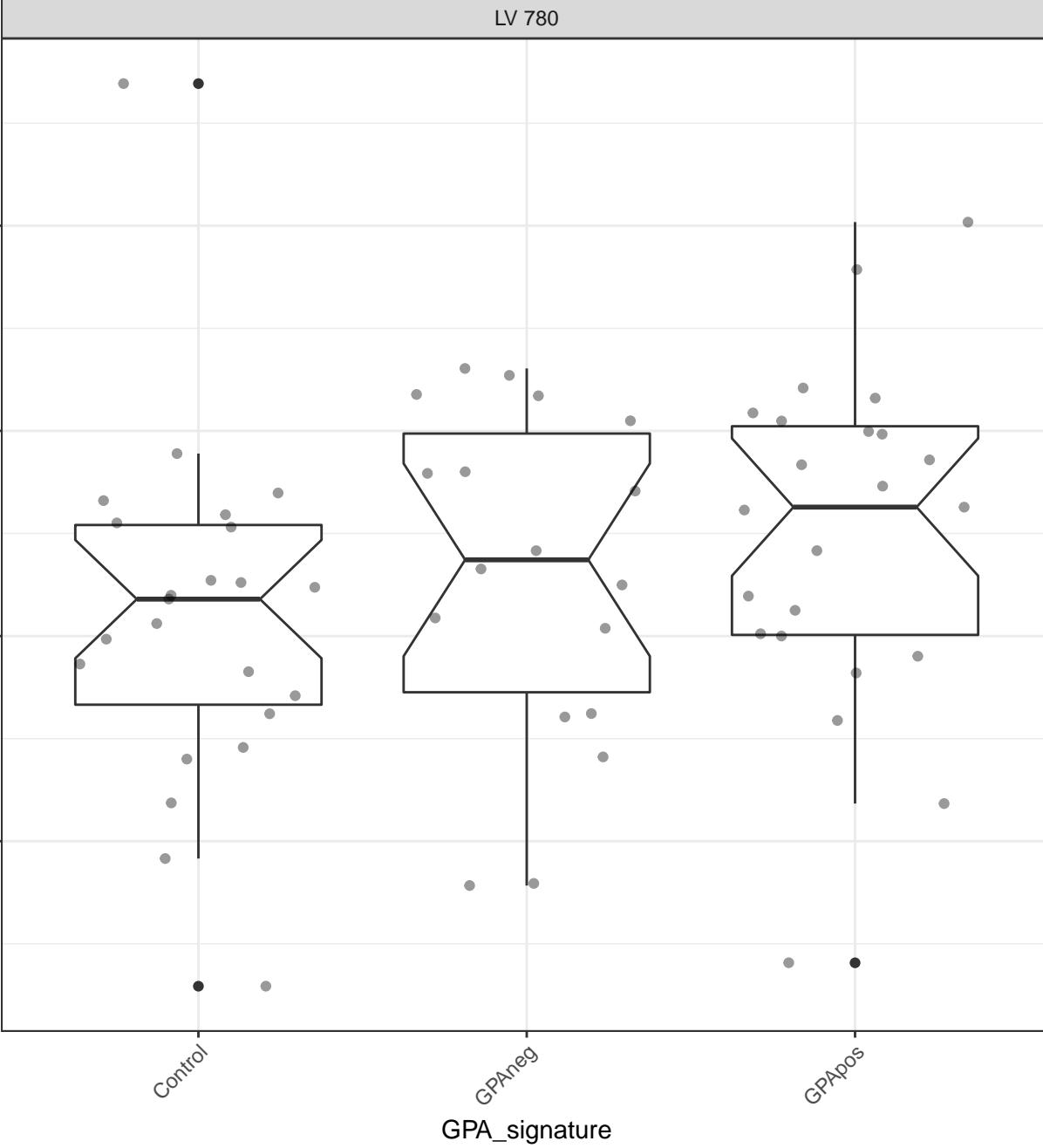
-0.04

Control

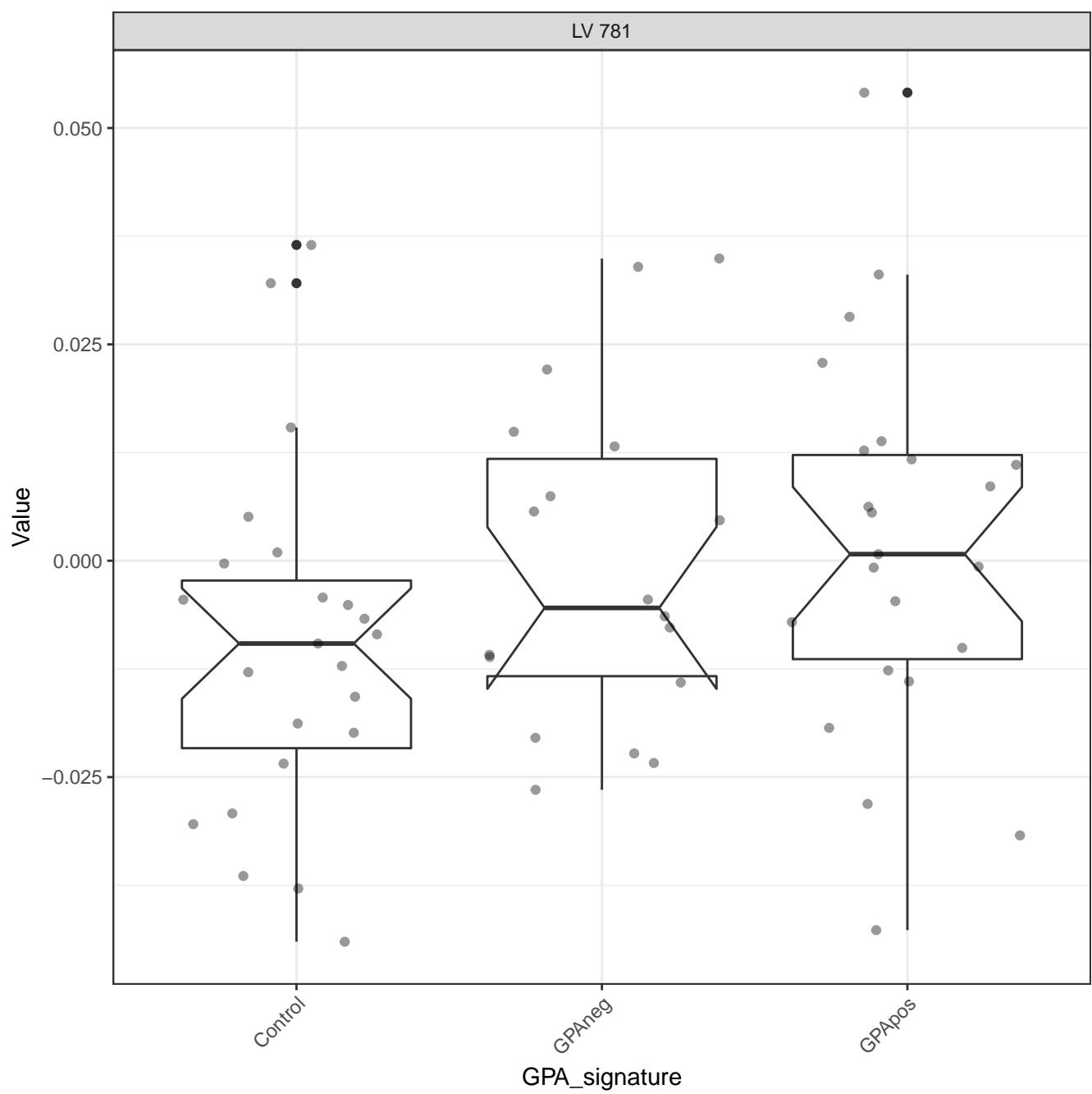
GPAneg

GPApos

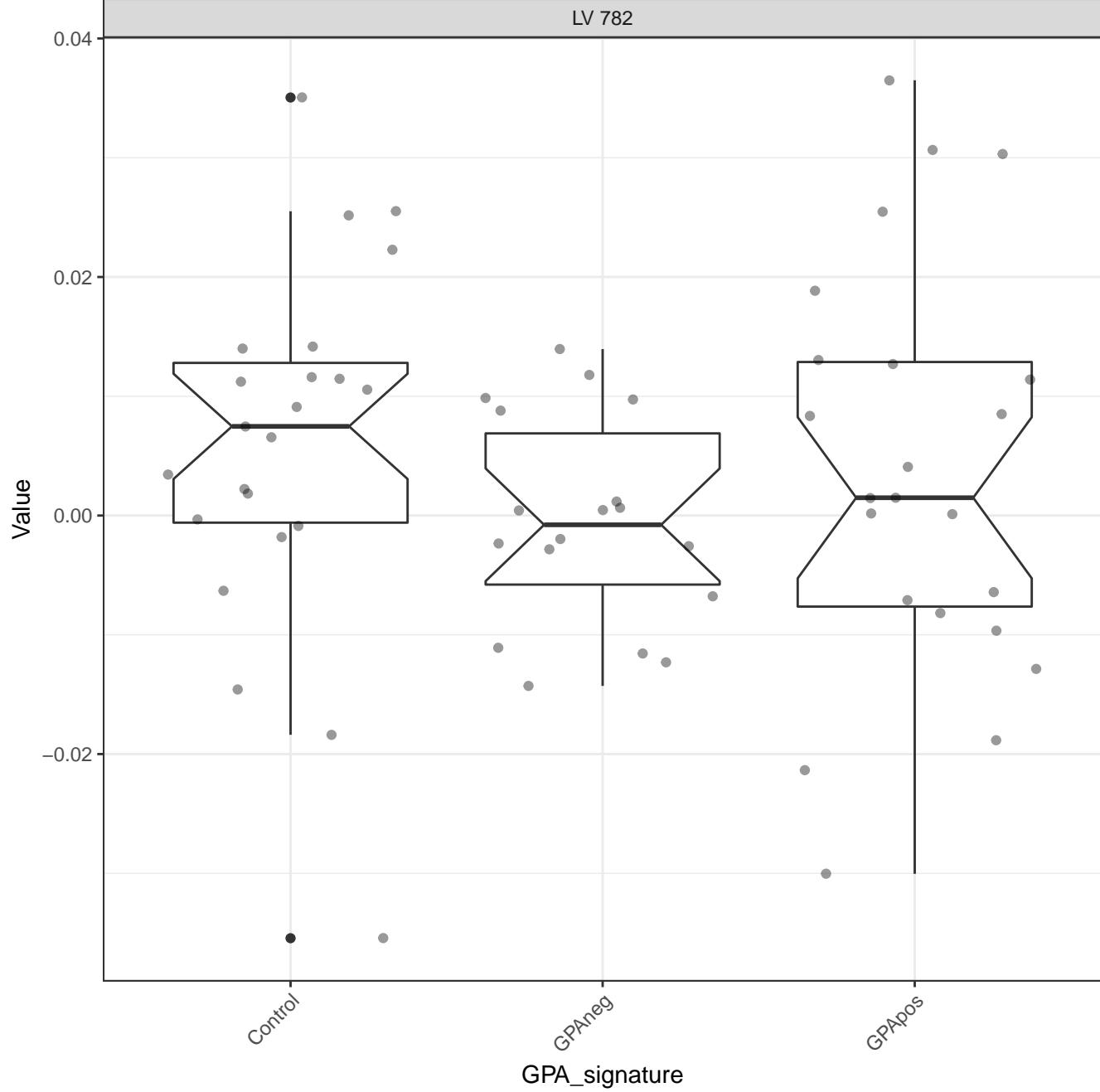
GPA_signature



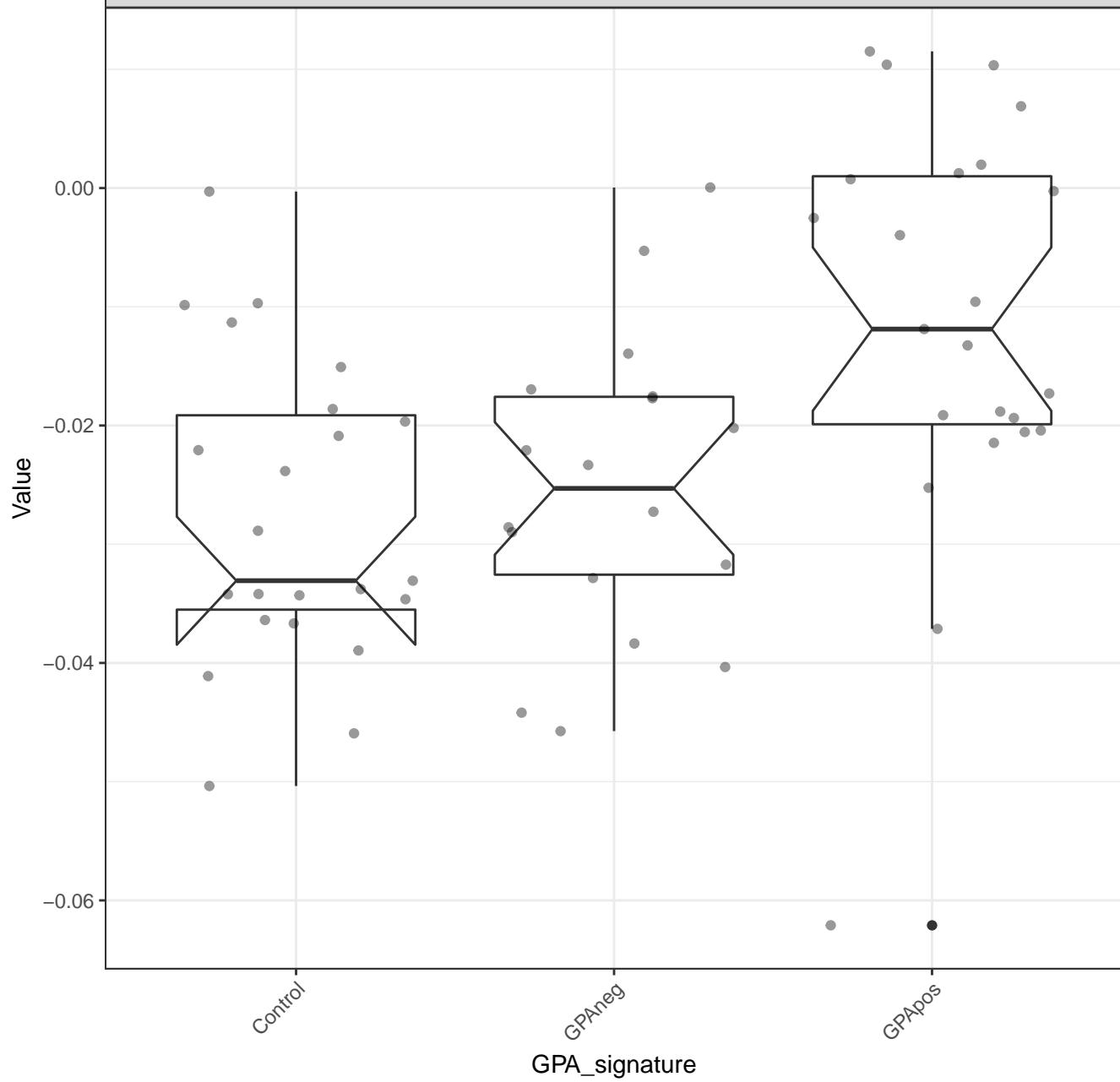
LV 781

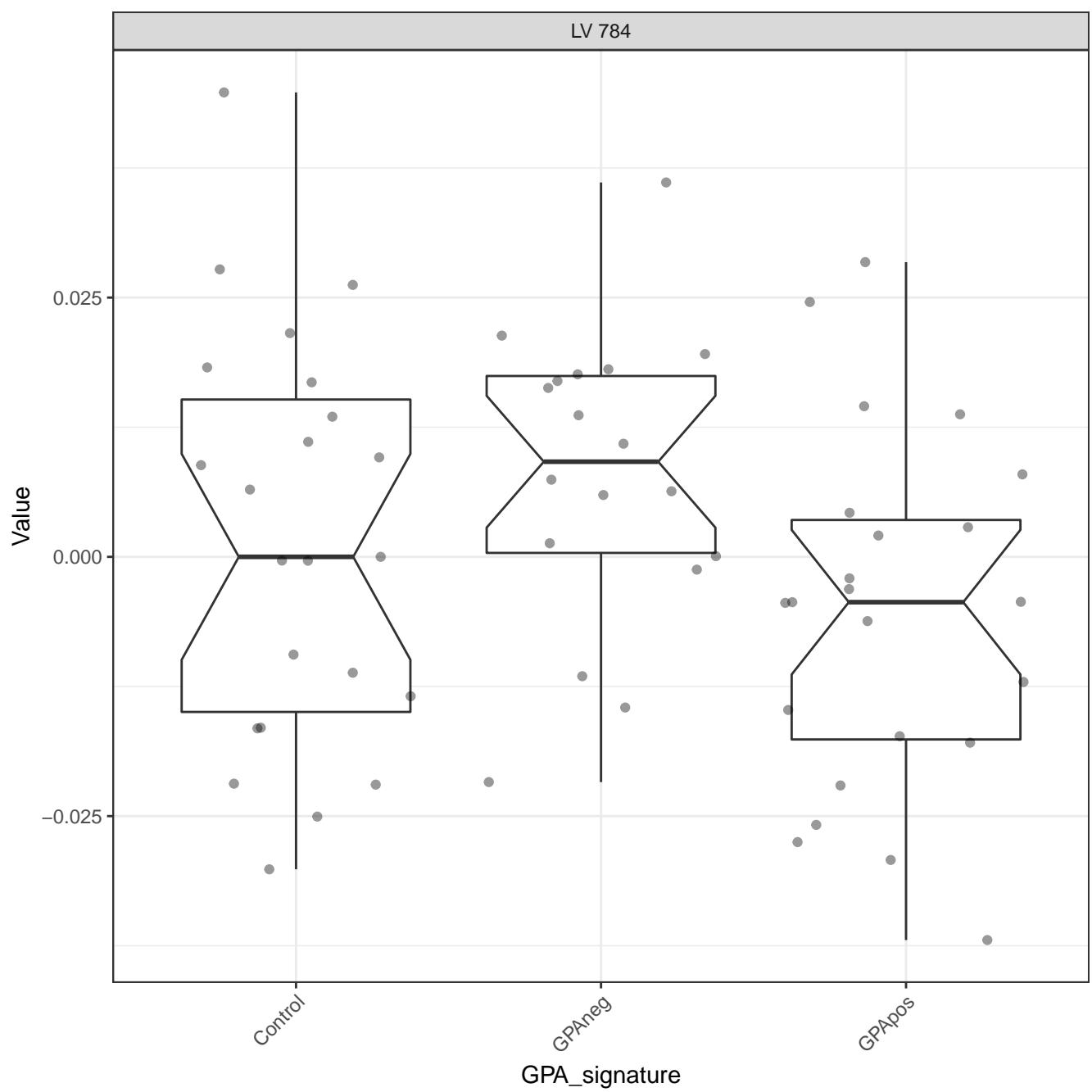


LV 782



LV 783





Value

0.025

0.000

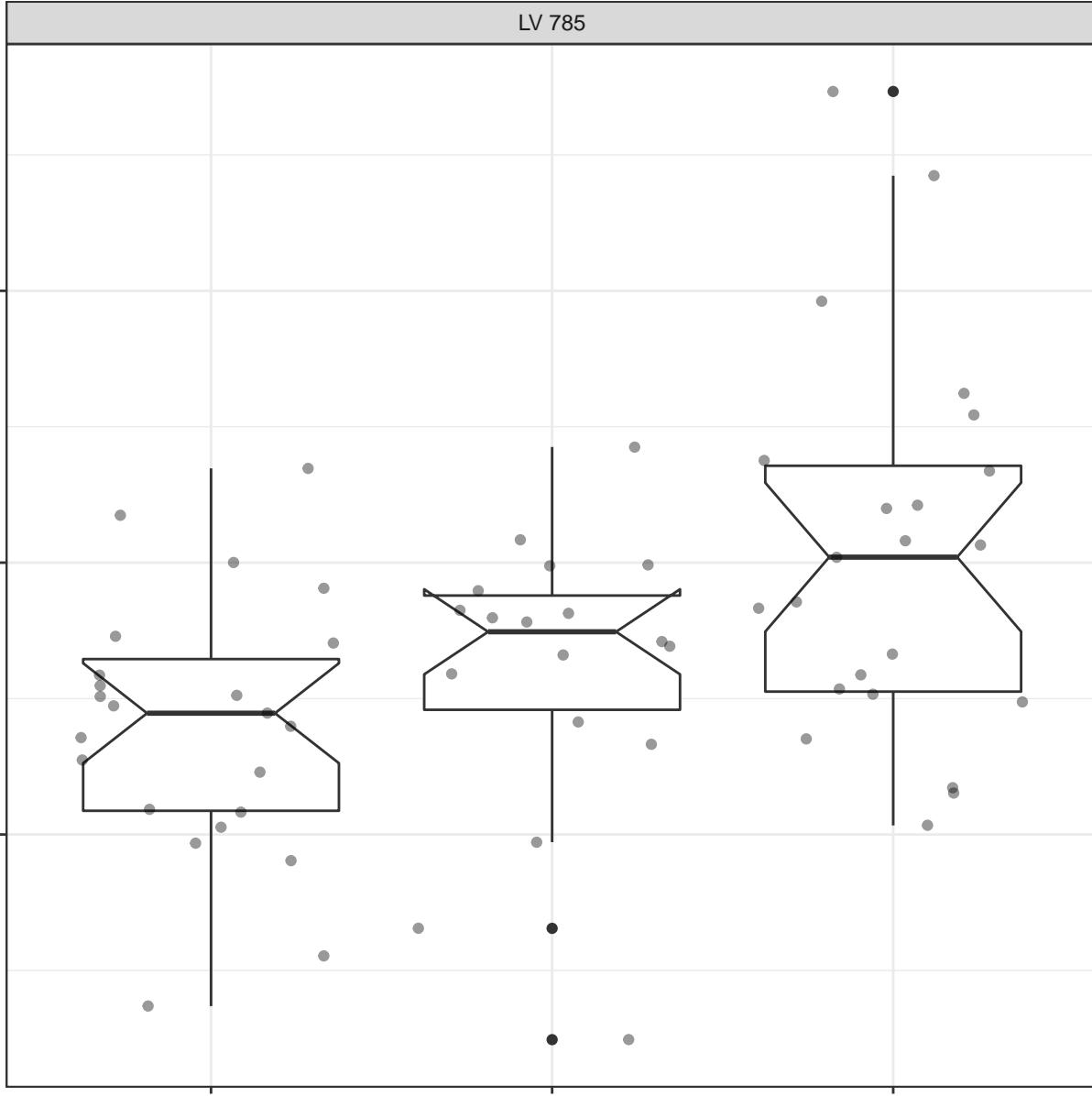
-0.025

Control

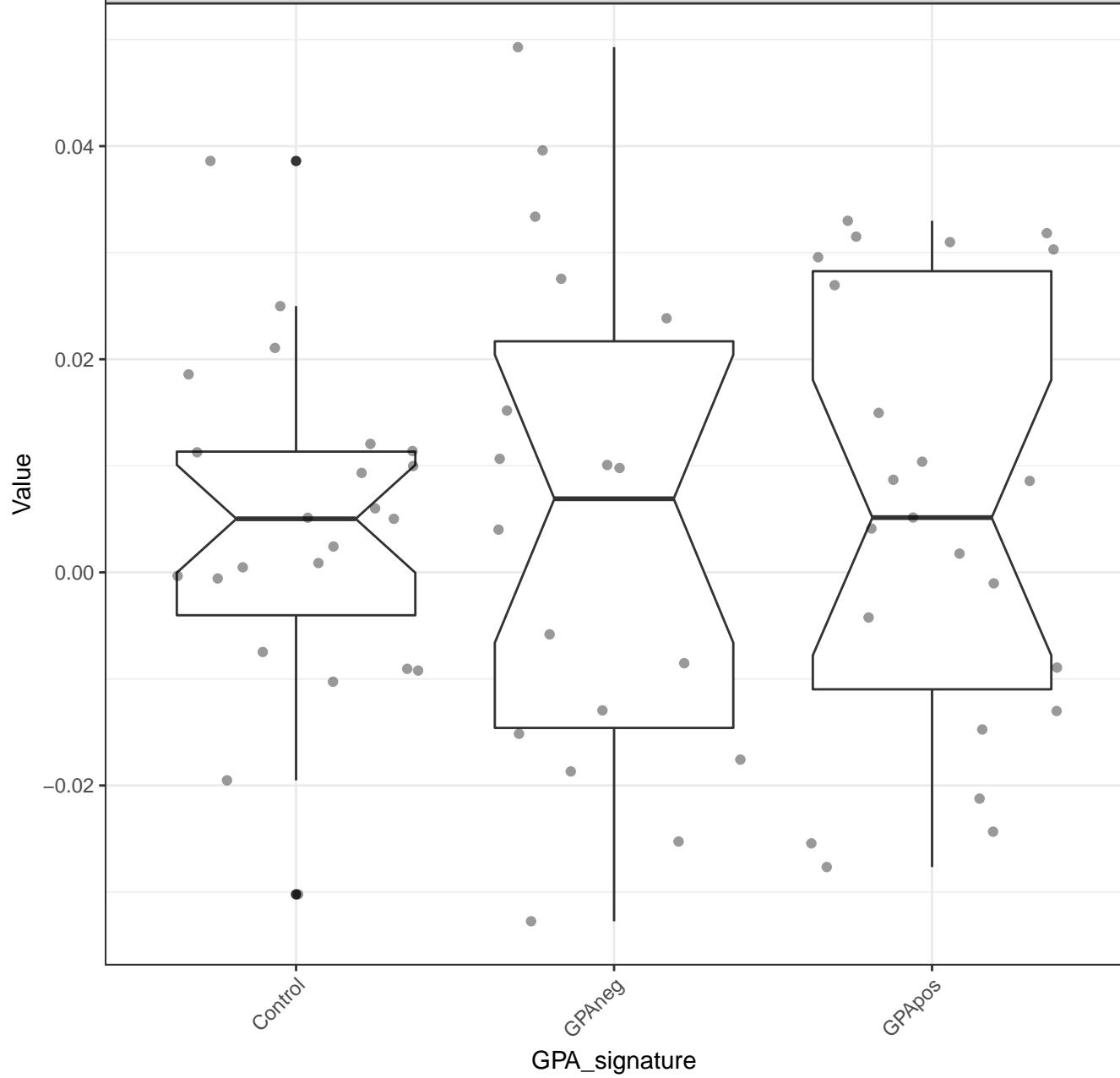
GPA_signature

GPAneg

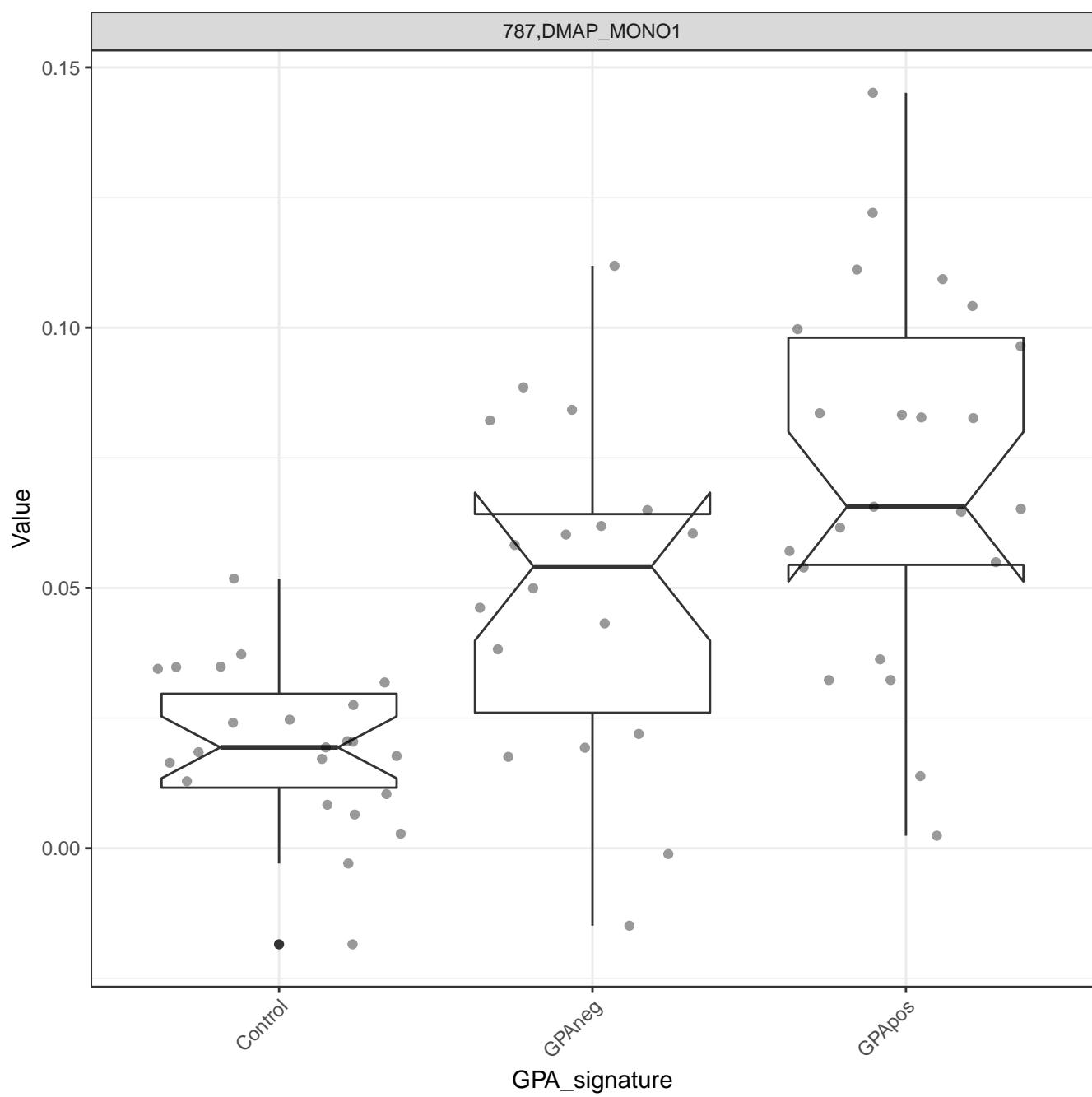
GPAPos



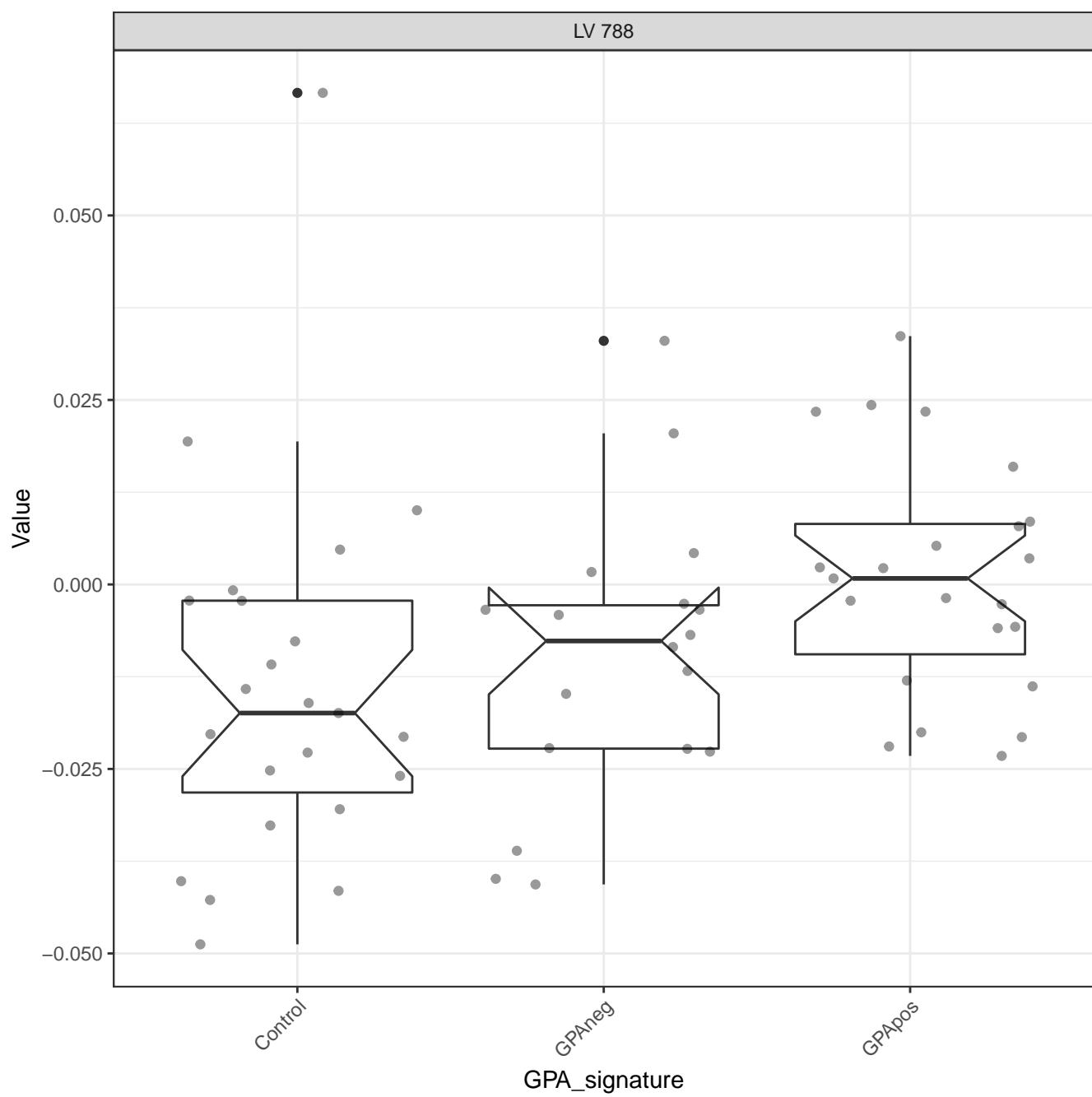
LV 786



787,DMAP_MONO1



LV 788



LV 789

Value

0.06

0.03

0.00

-0.03

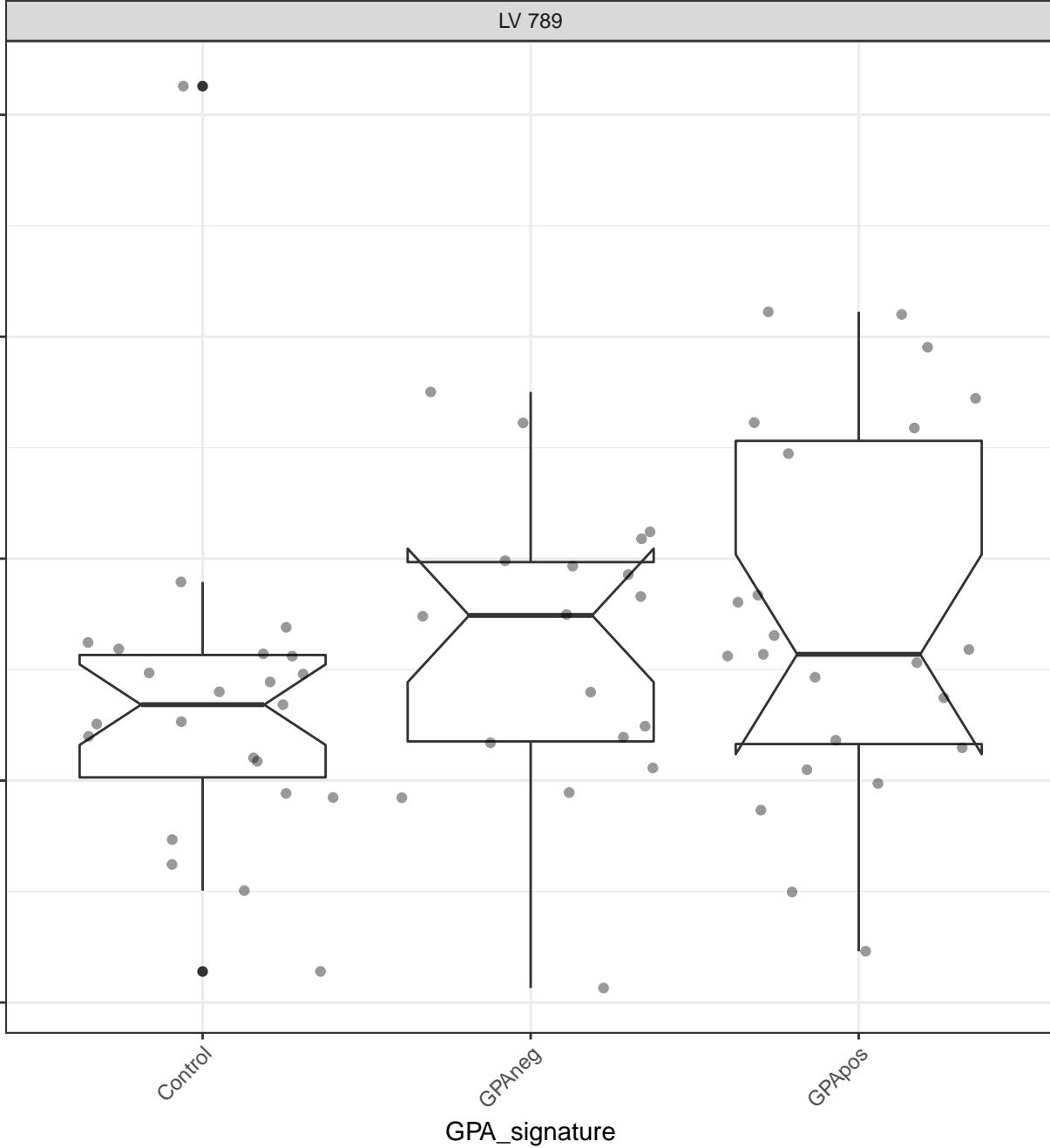
-0.06

Control

GPA_signature

GPAneg

GPAPos



LV 790

Value

0.10

0.05

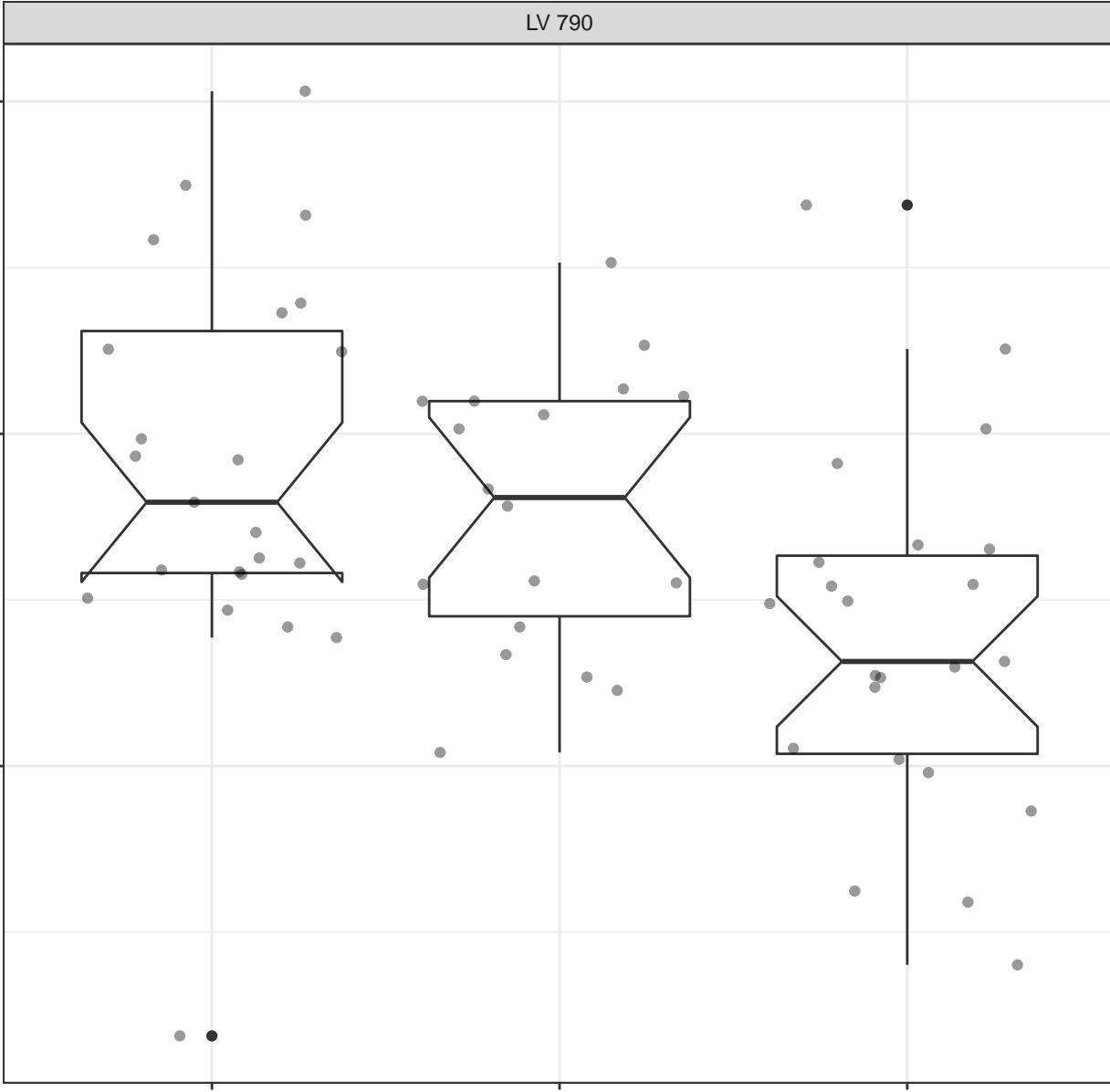
0.00

Control

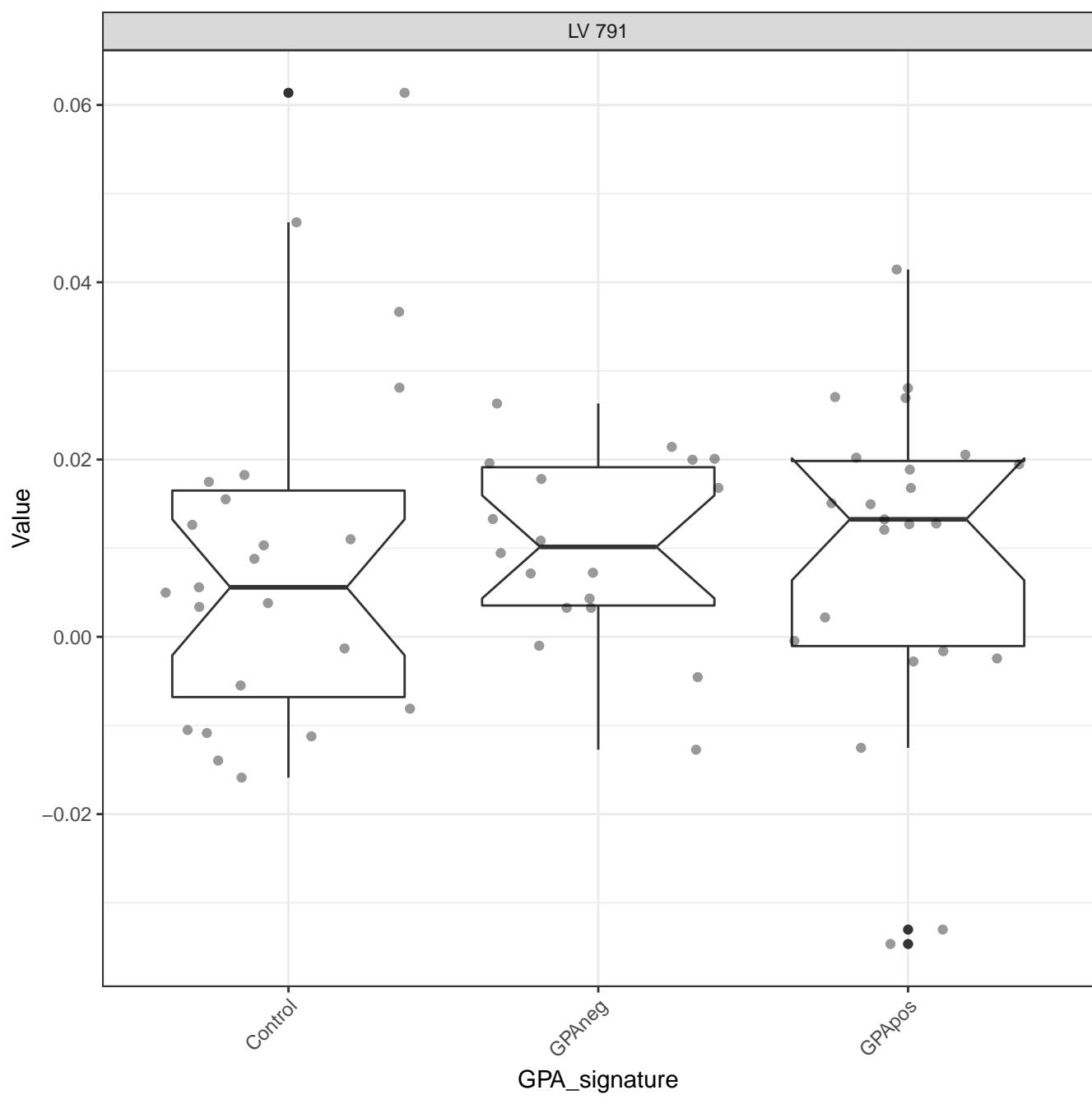
GPA_signature

GPAneg

GPAPos



LV 791



LV 792

Value

0.05

0.00

-0.05

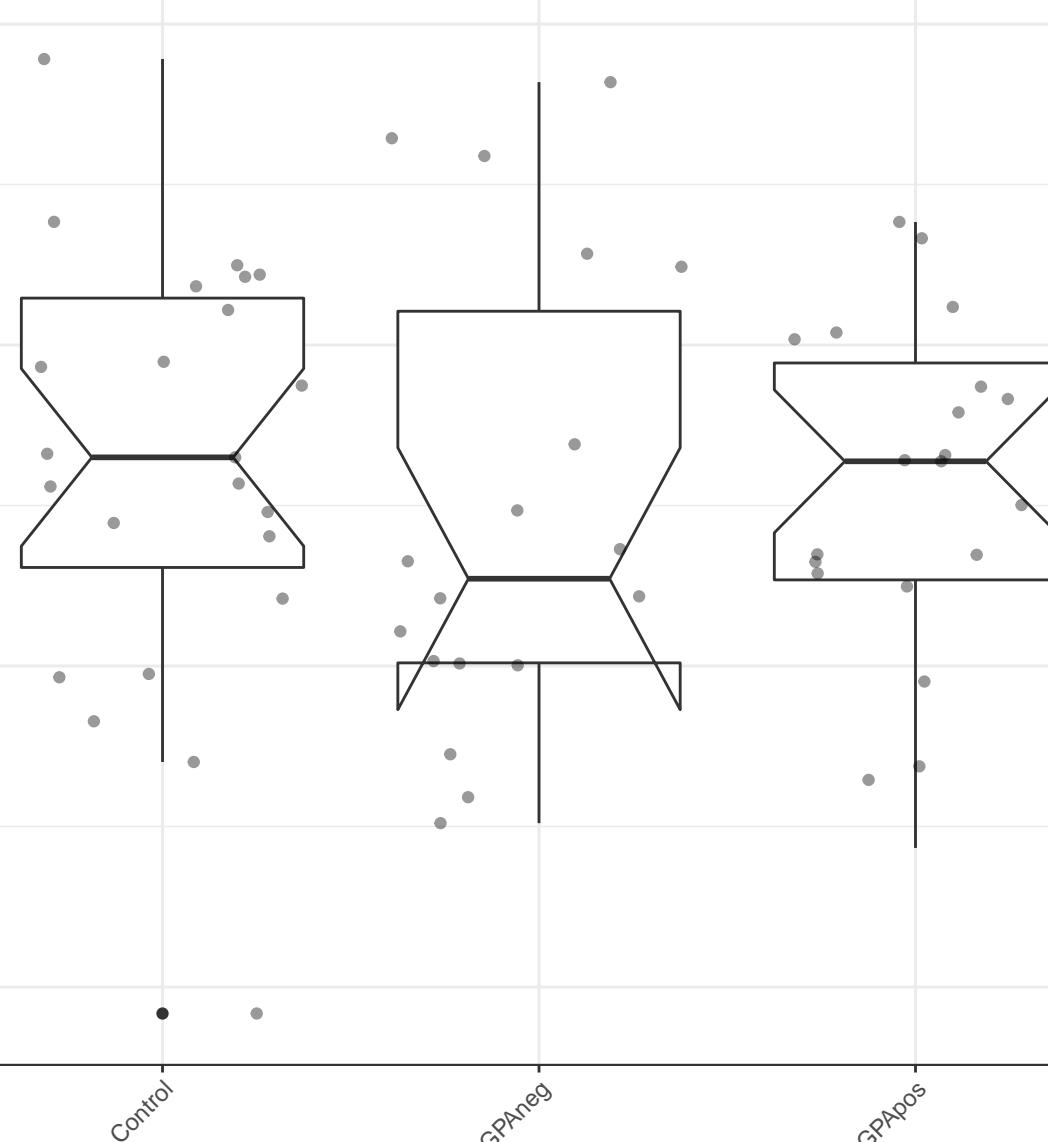
-0.10

Control

GPAneg

GPAPos

GPA_signature



LV 793

Value

0.10

0.05

0.00

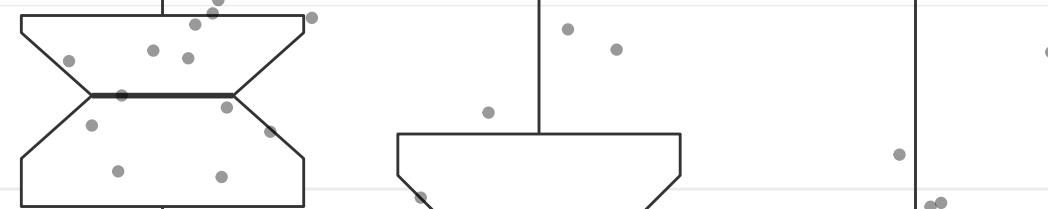
-0.05

Control

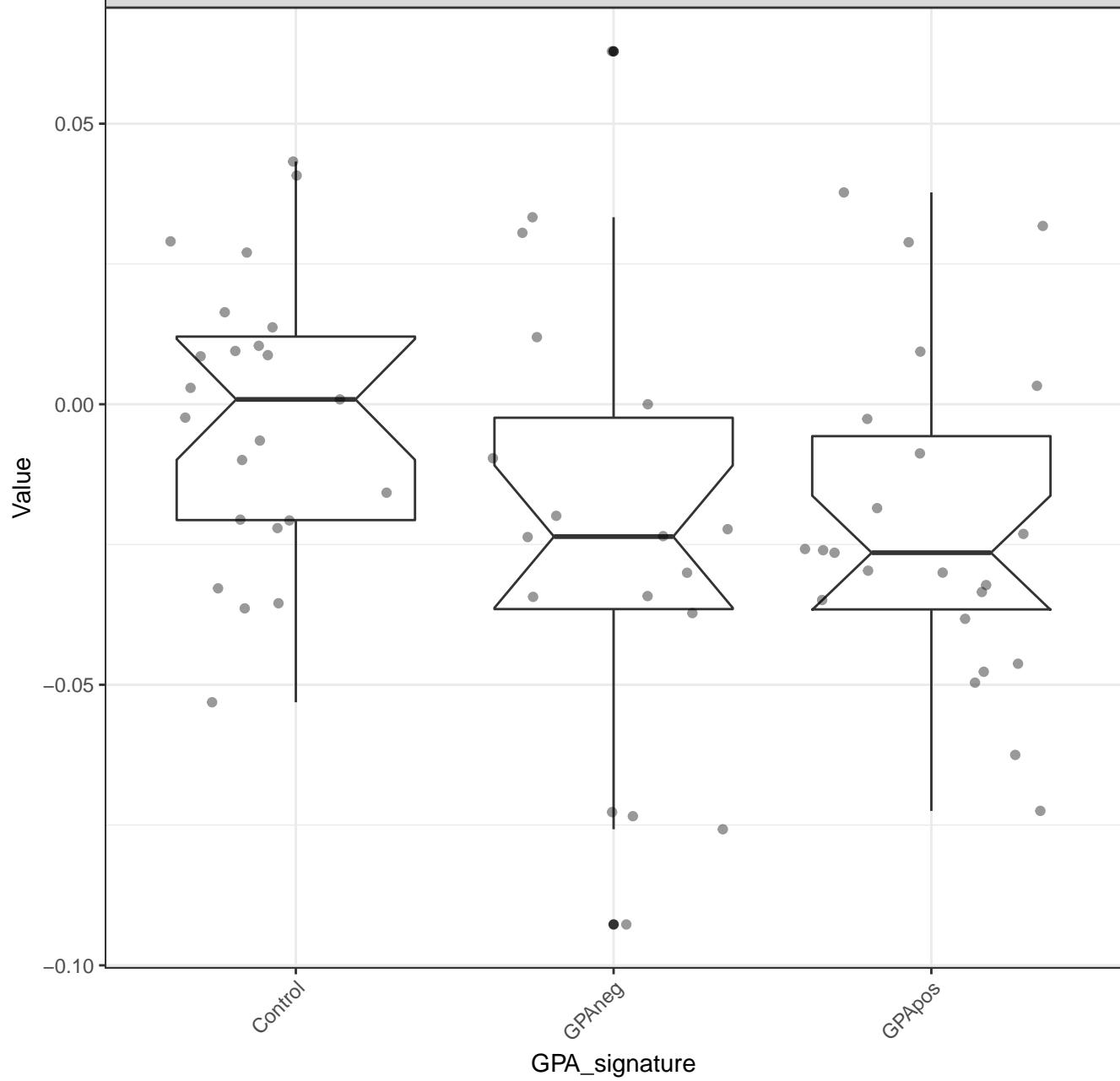
GPAneg

GPApos

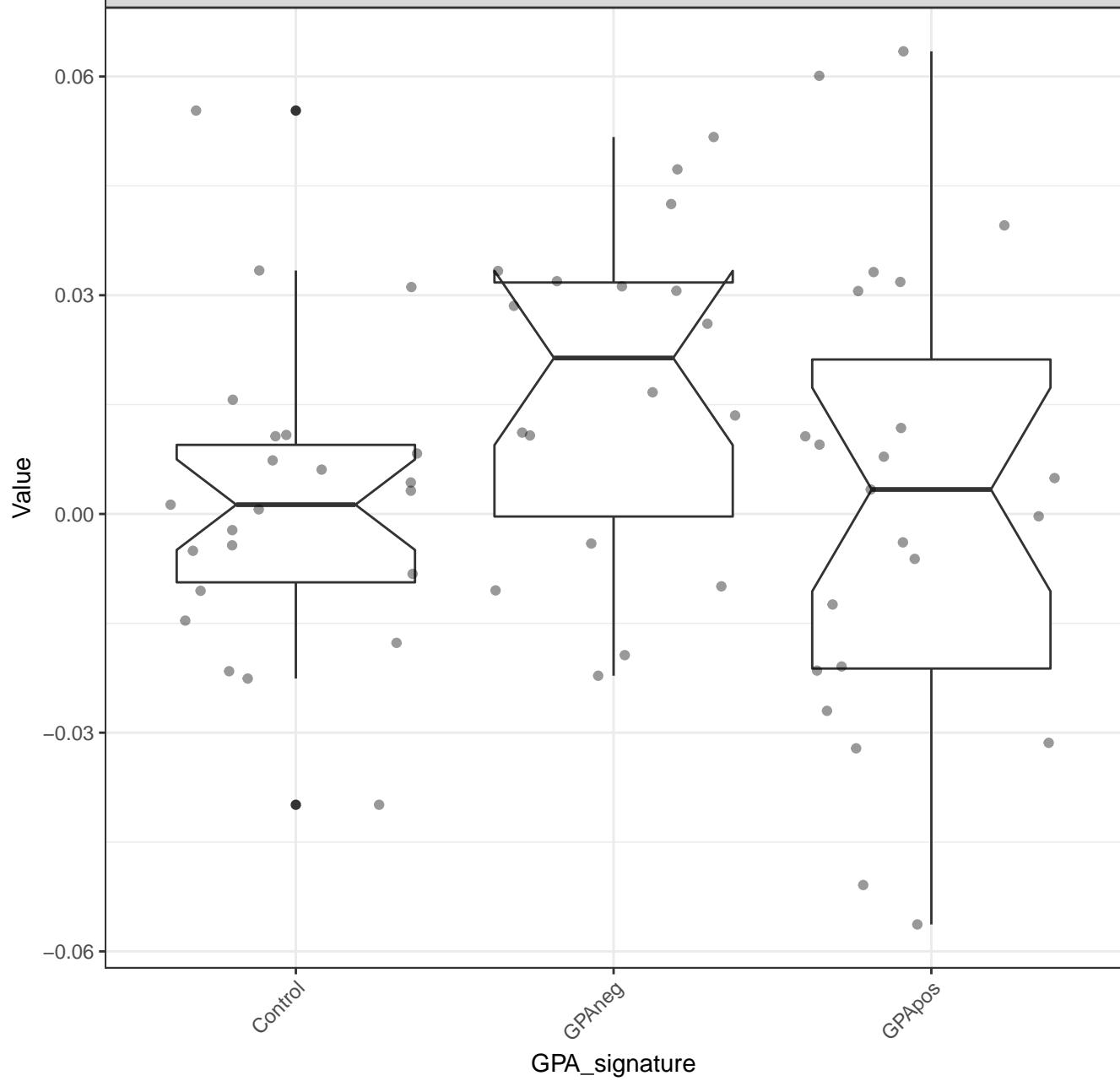
GPA_signature



LV 794



LV 795



LV 796

Value

0.05

0.00

-0.05

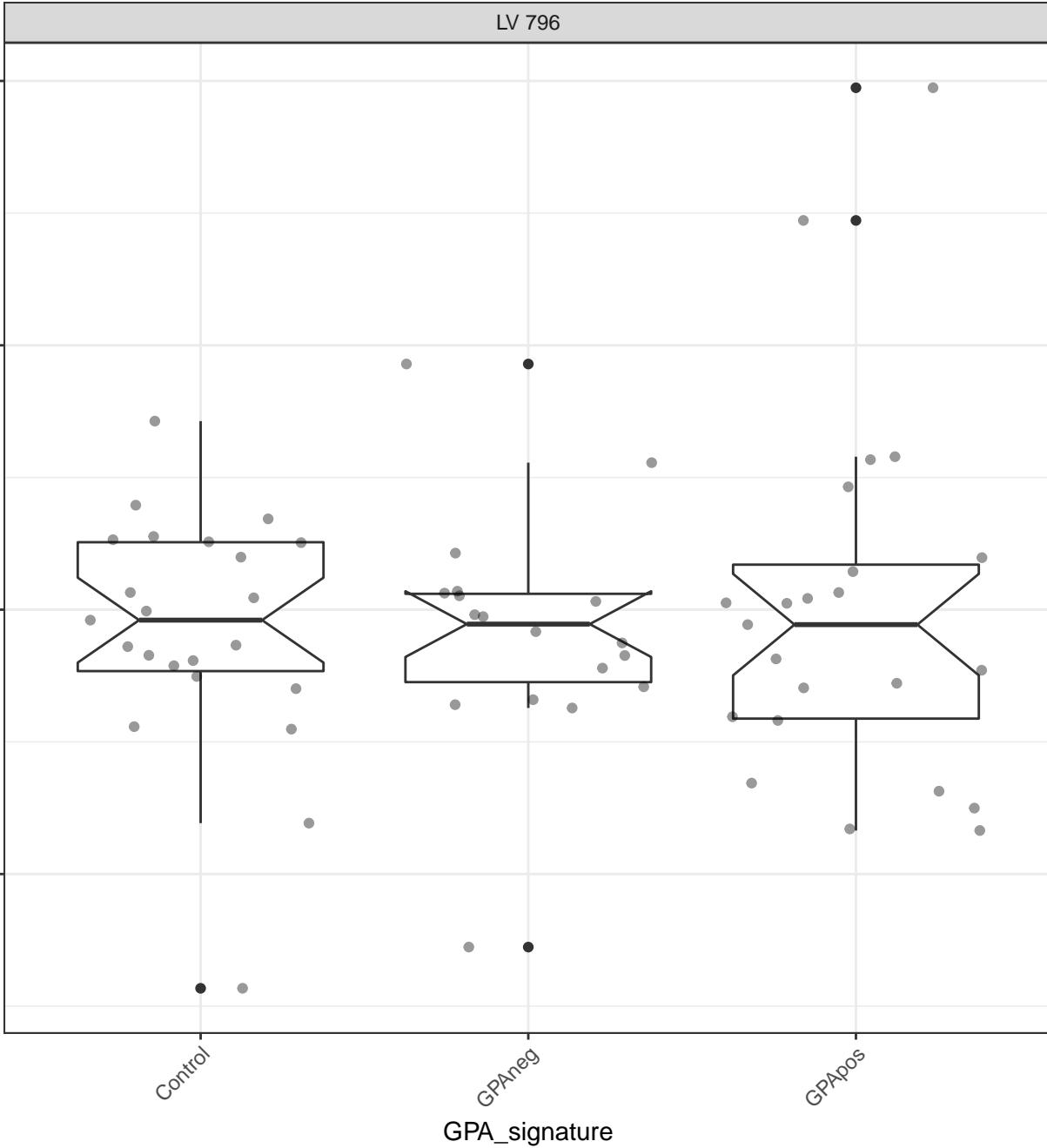
-0.10

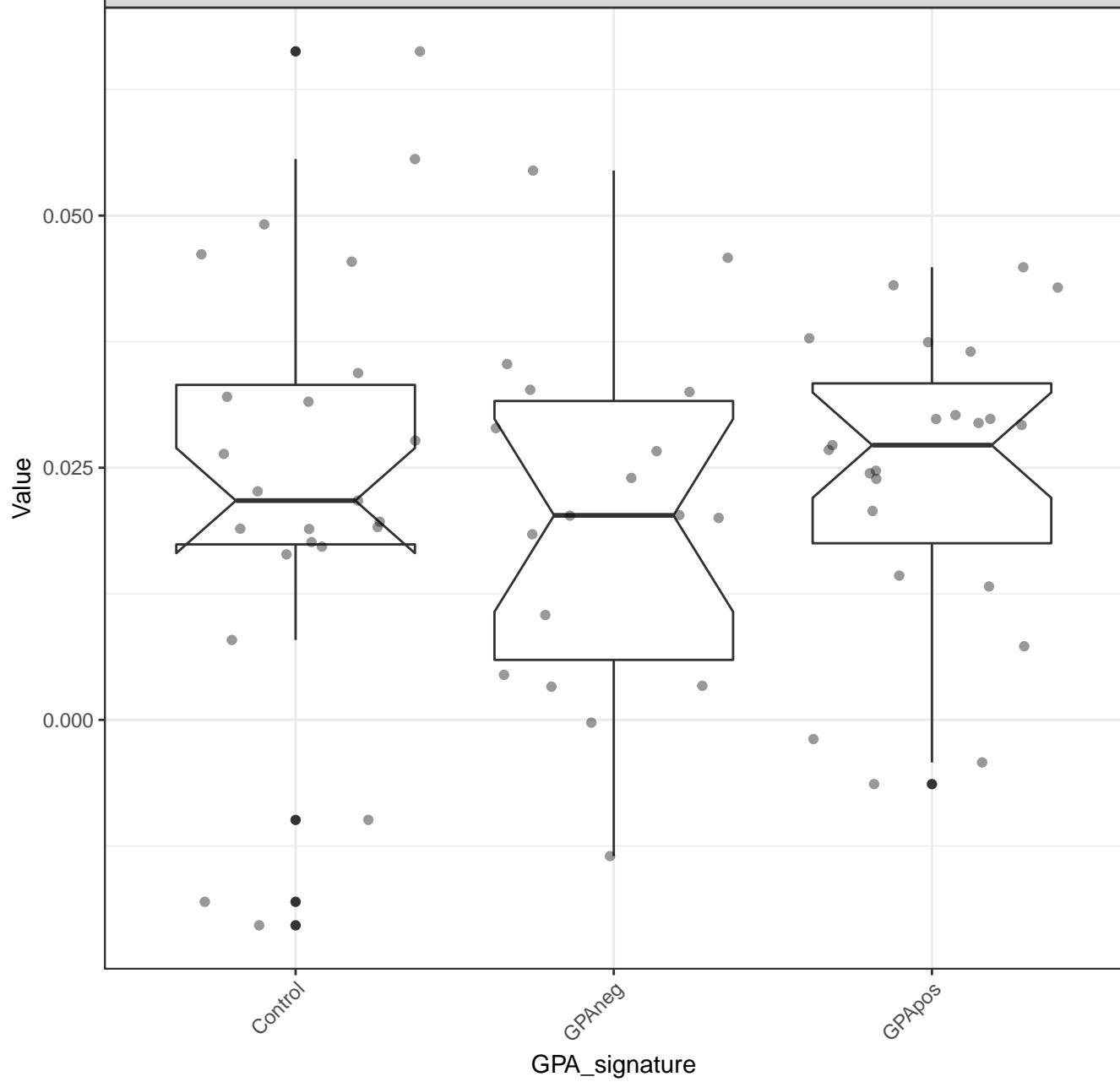
Control

GPAneg

GPApos

GPA_signature





Value

0.050

0.025

0.000

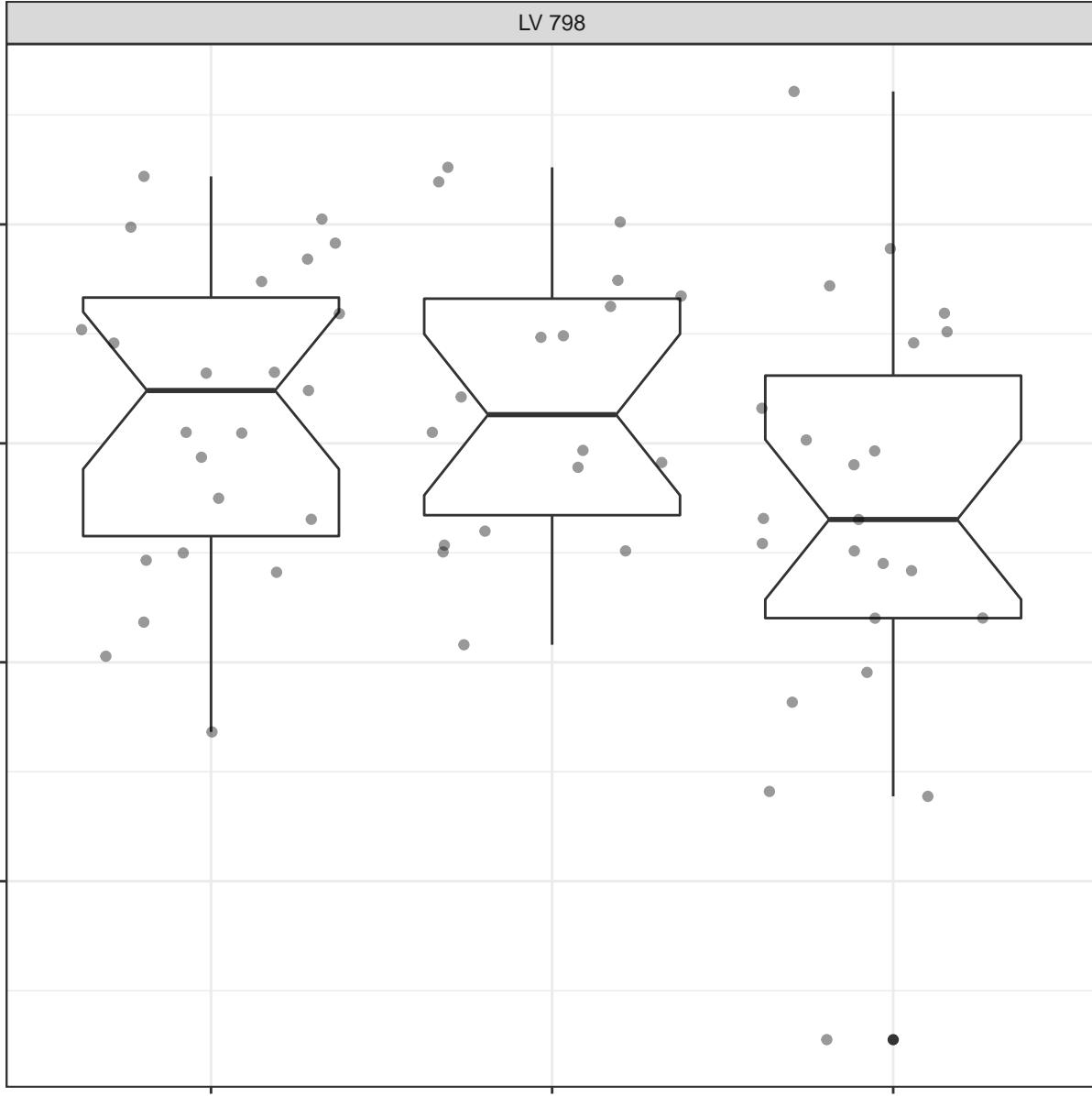
-0.025

Control

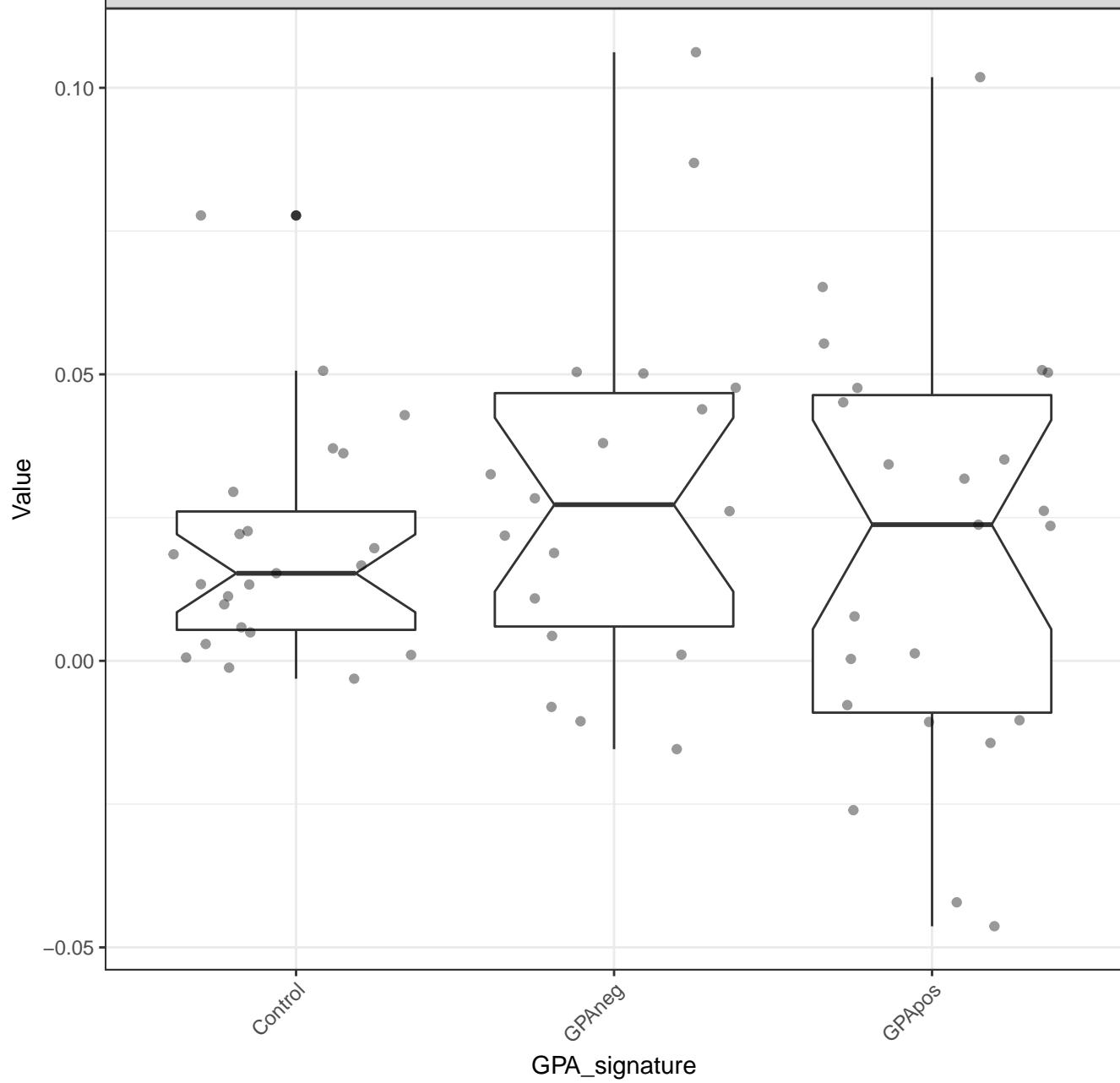
GPA_signature

GPAneg

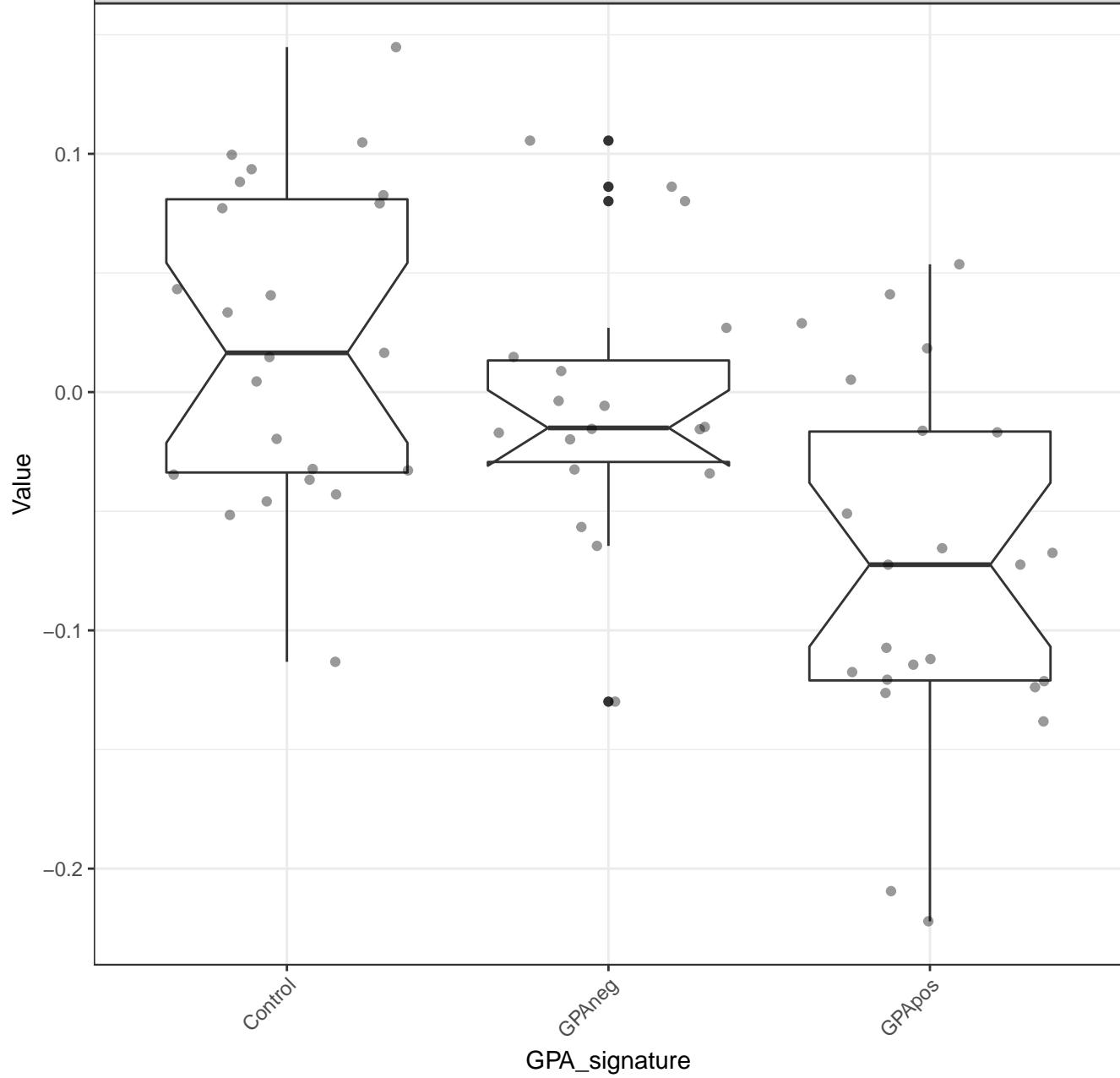
GPAPos



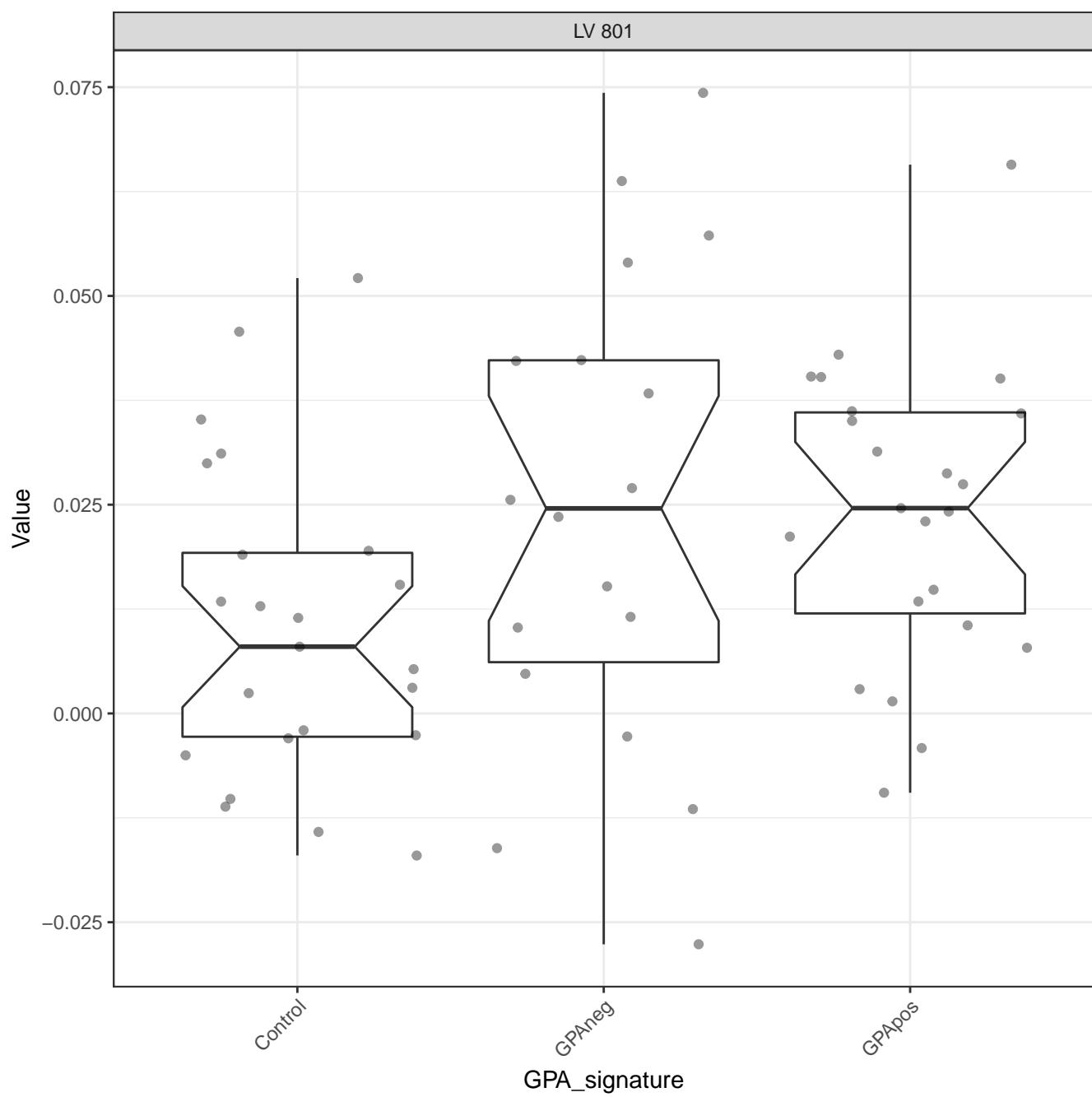
LV 799



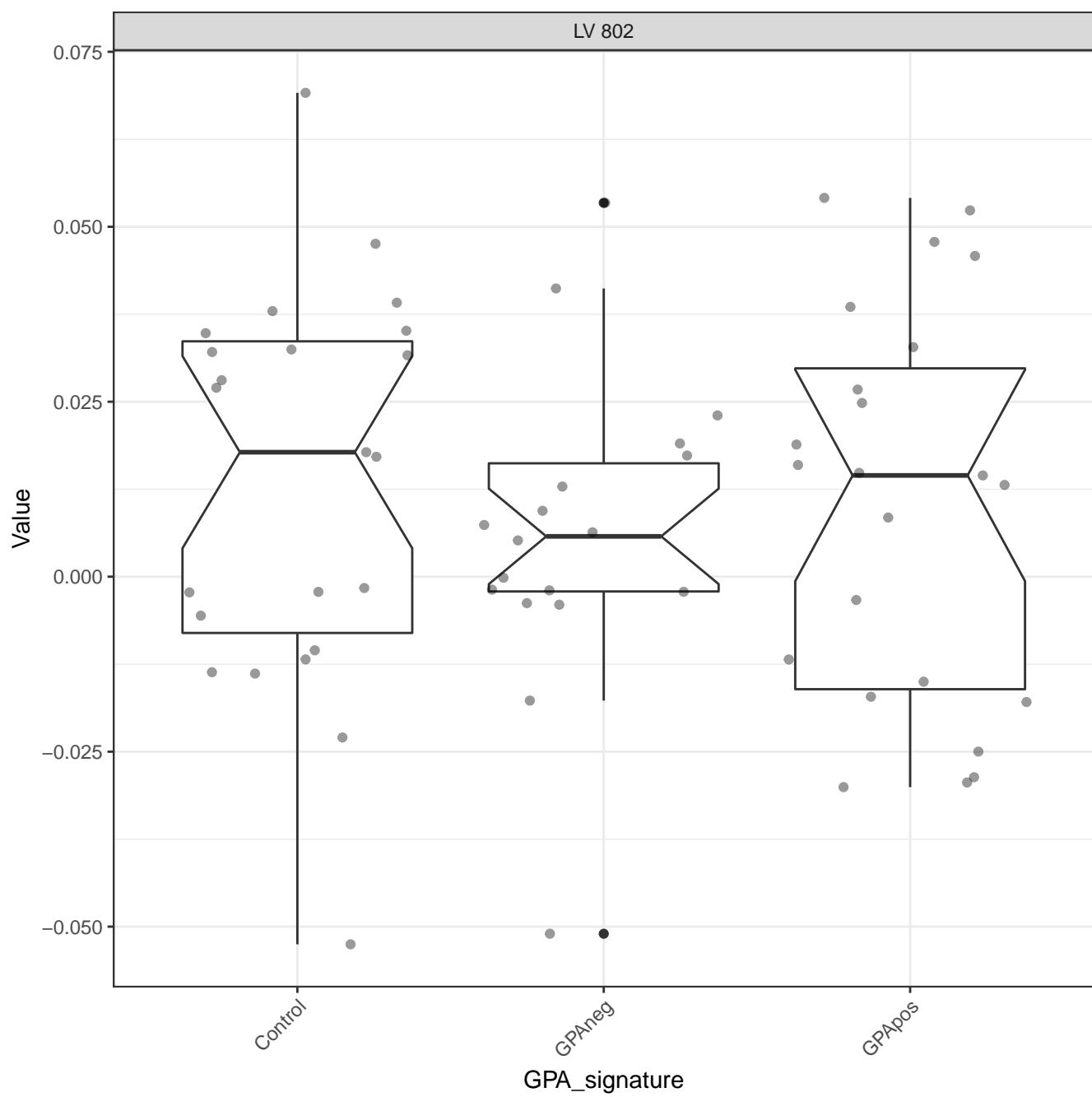
800,REACTOME_GENERIC_TRANSSCRIPTION_PATHWAY



LV 801



LV 802



LV 803

Value

0.05

0.00

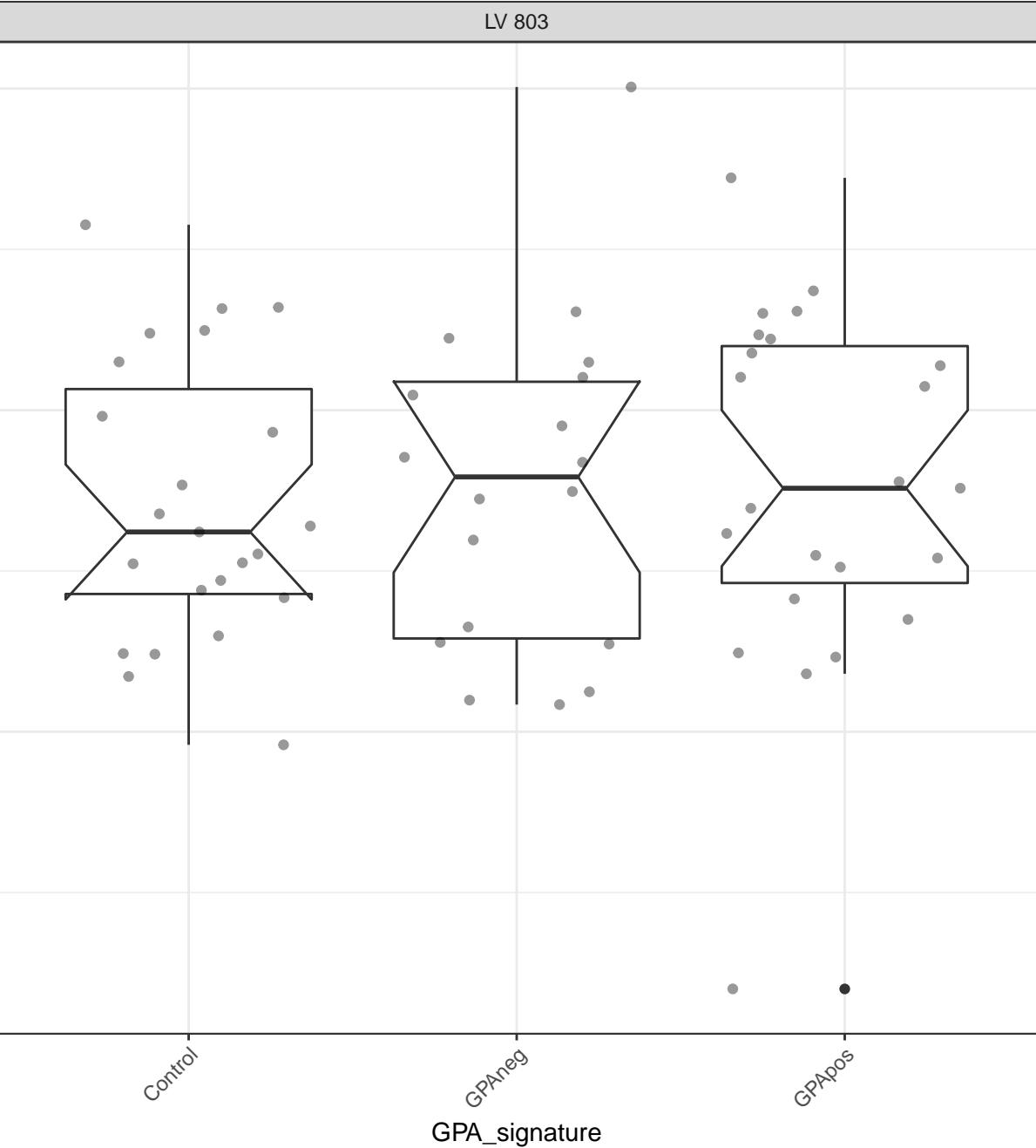
-0.05

Control

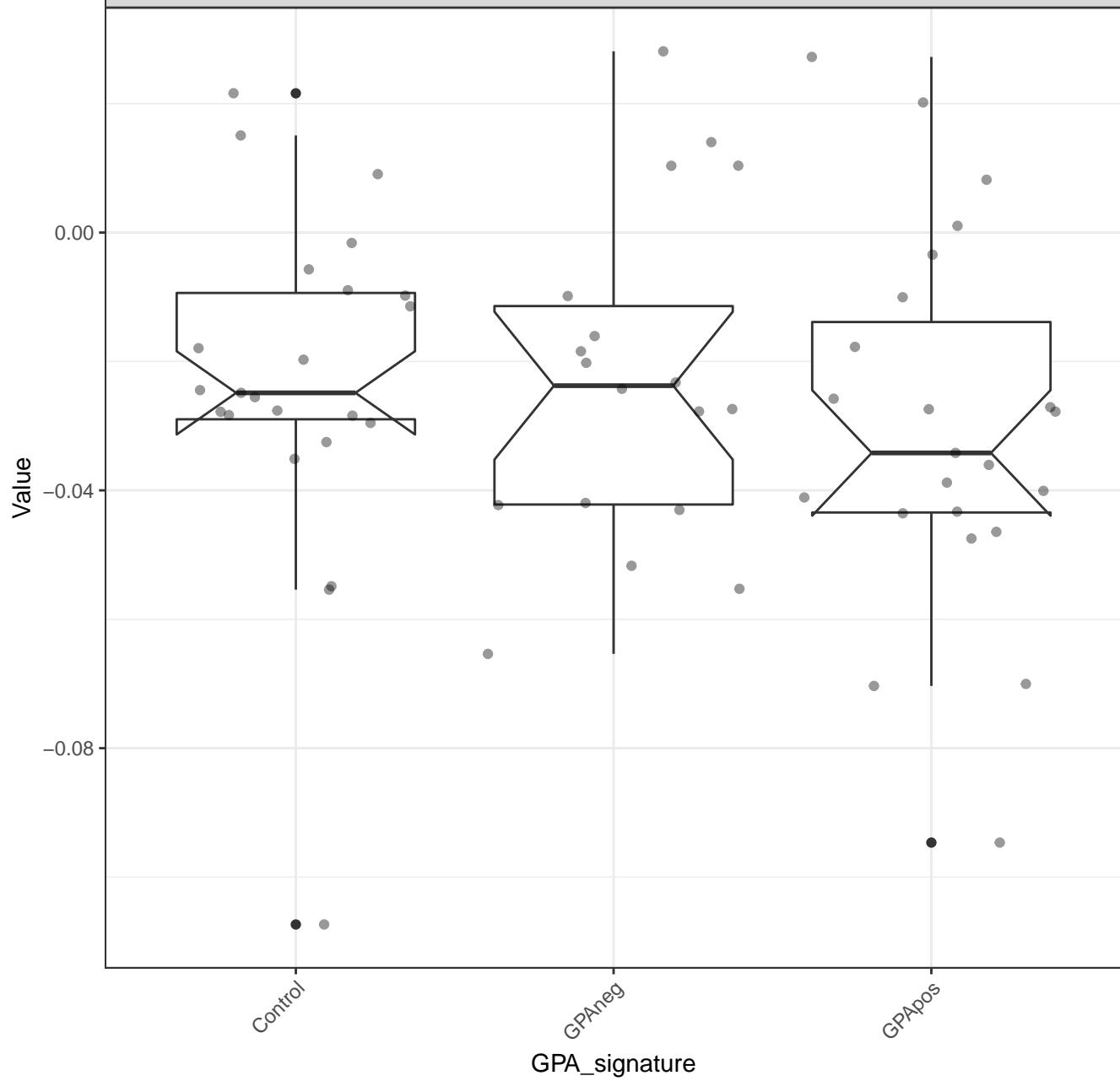
GPA_signature

GPAneg

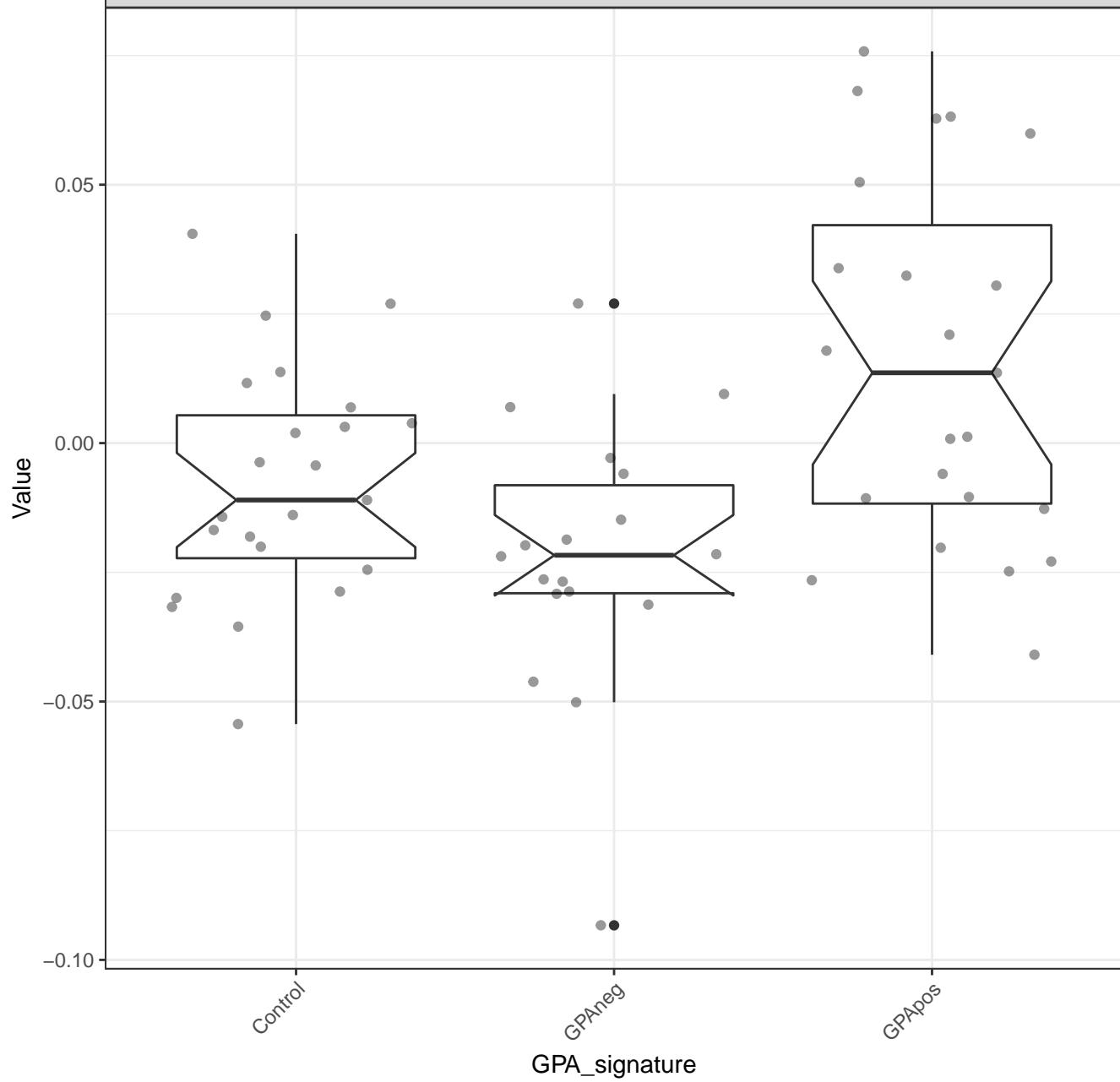
GPApos



LV 804



LV 805



LV 806

Value

0.05

0.00

-0.05

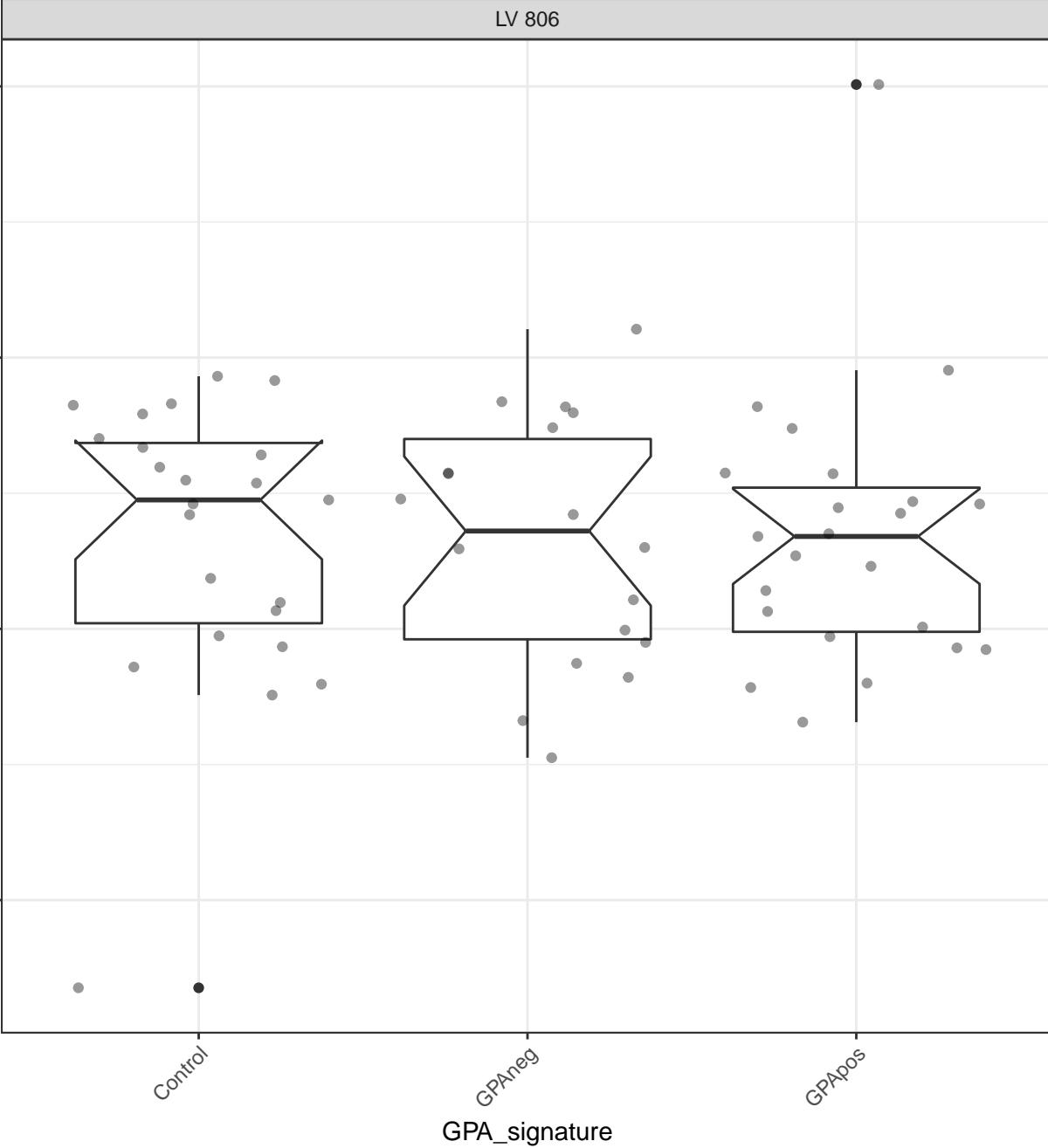
-0.10

Control

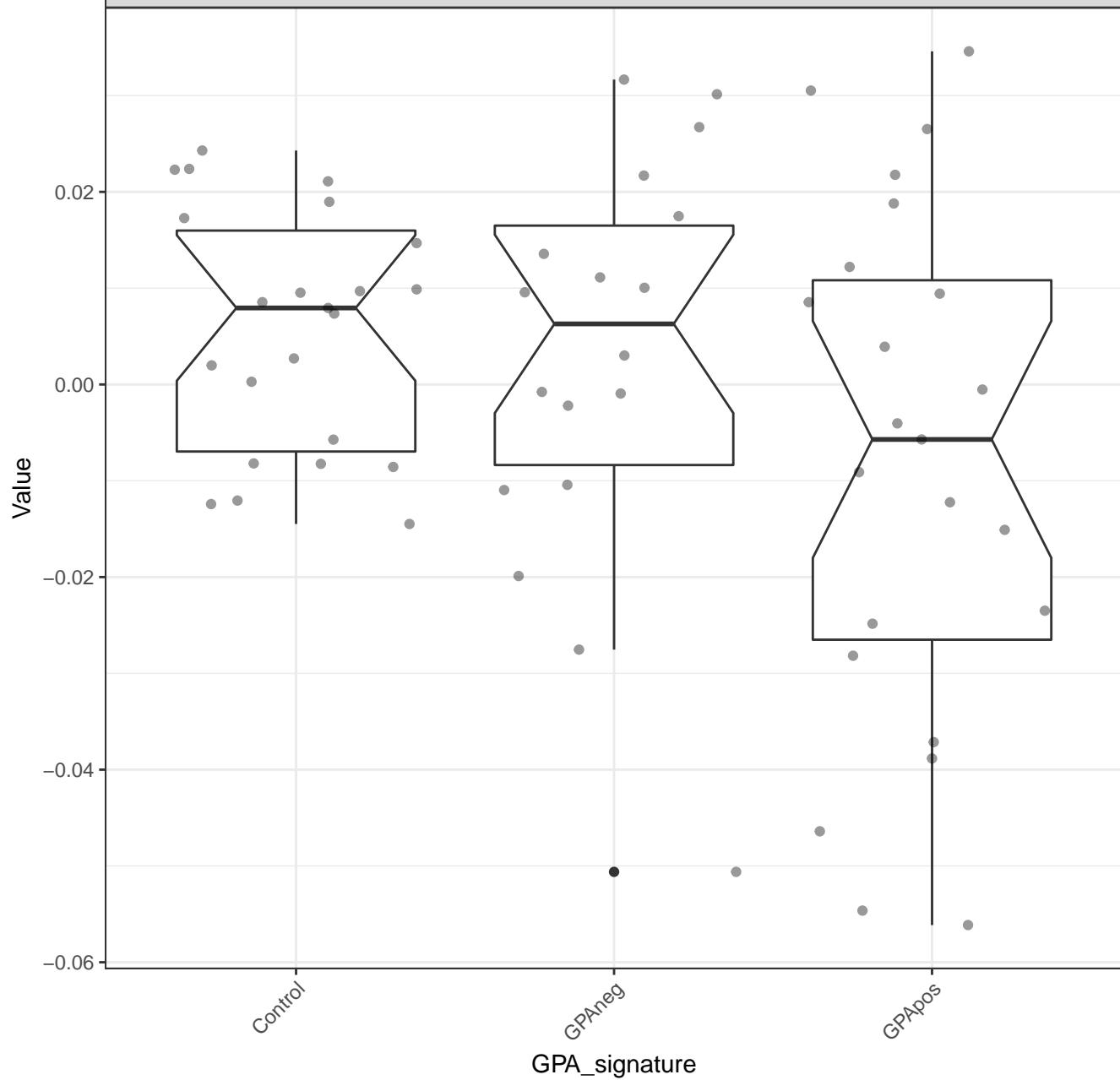
GPAneg

GPApos

GPA_signature



LV 807



LV 808

Value

0.02

0.00

-0.02

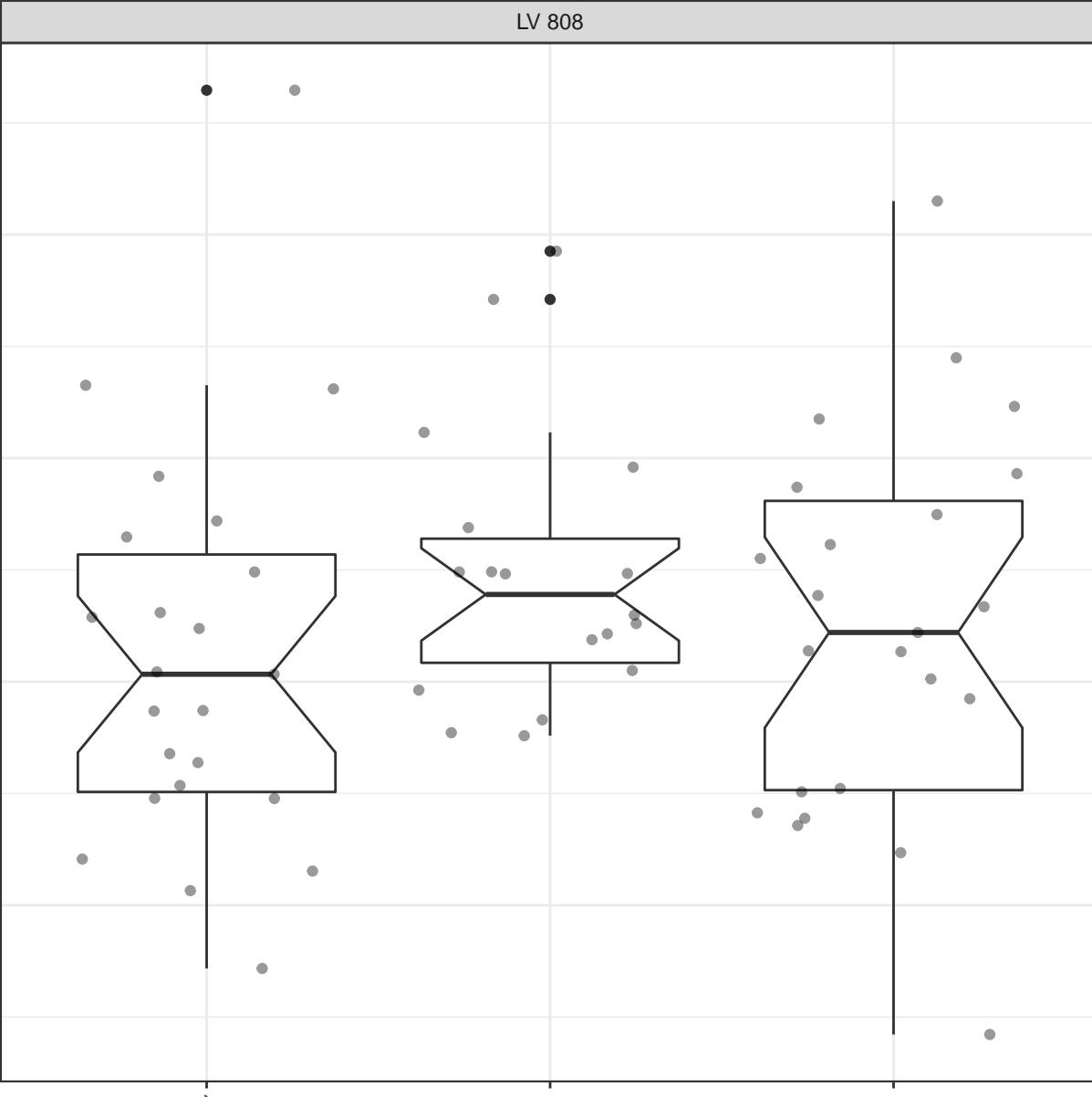
-0.04

Control

GPA_signature

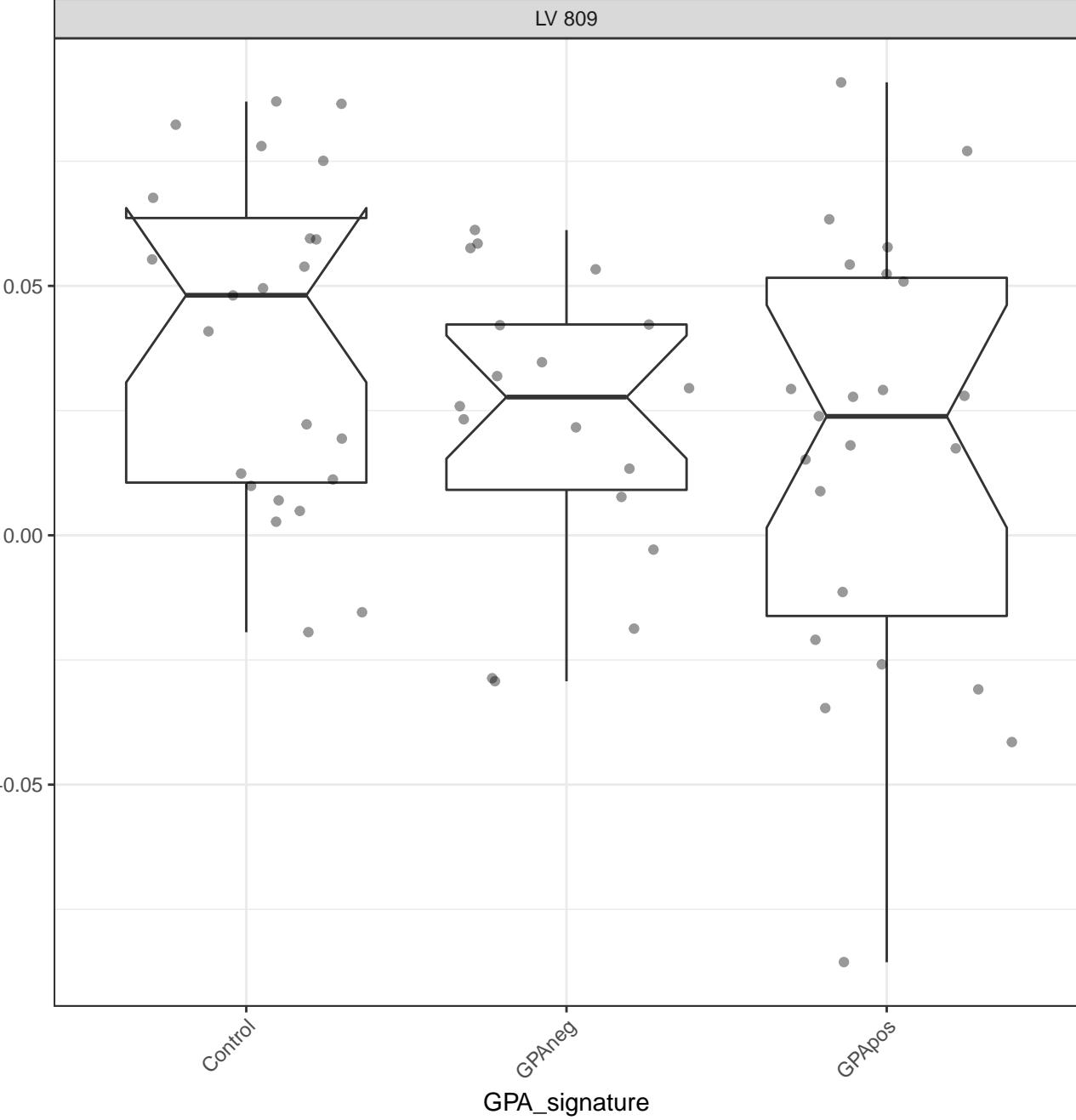
GPAneg

GPAPos

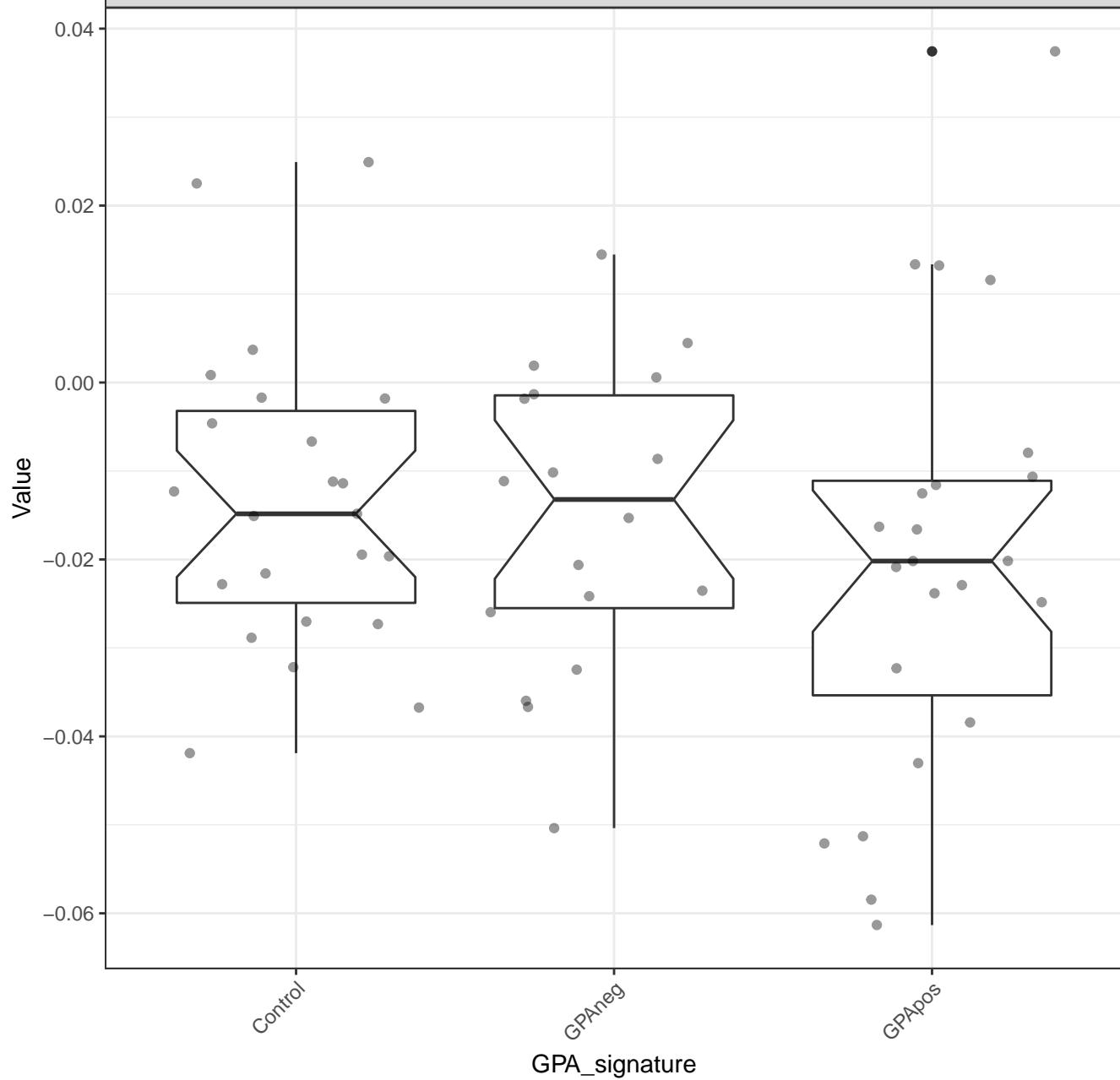


LV 809

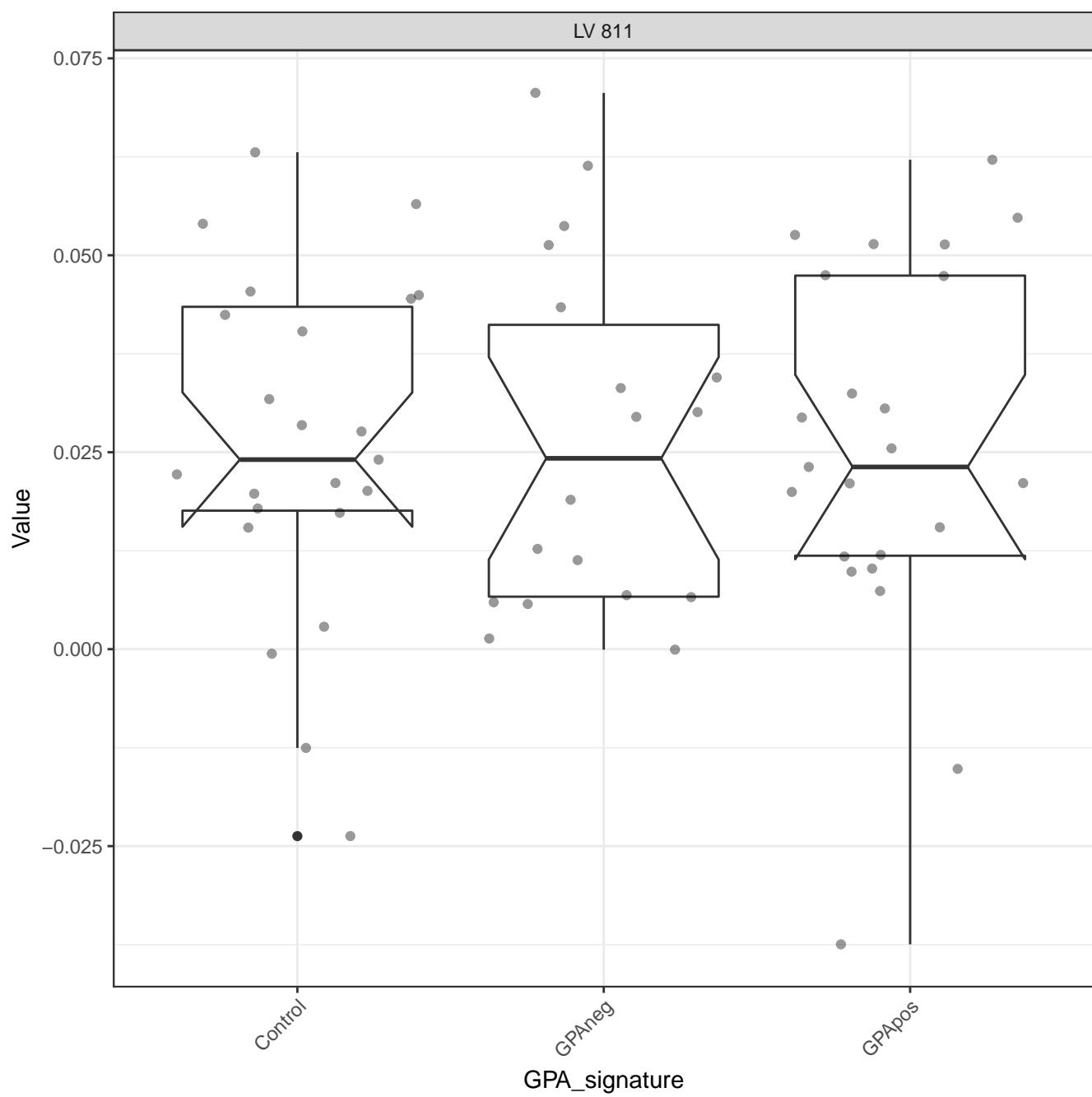
Value

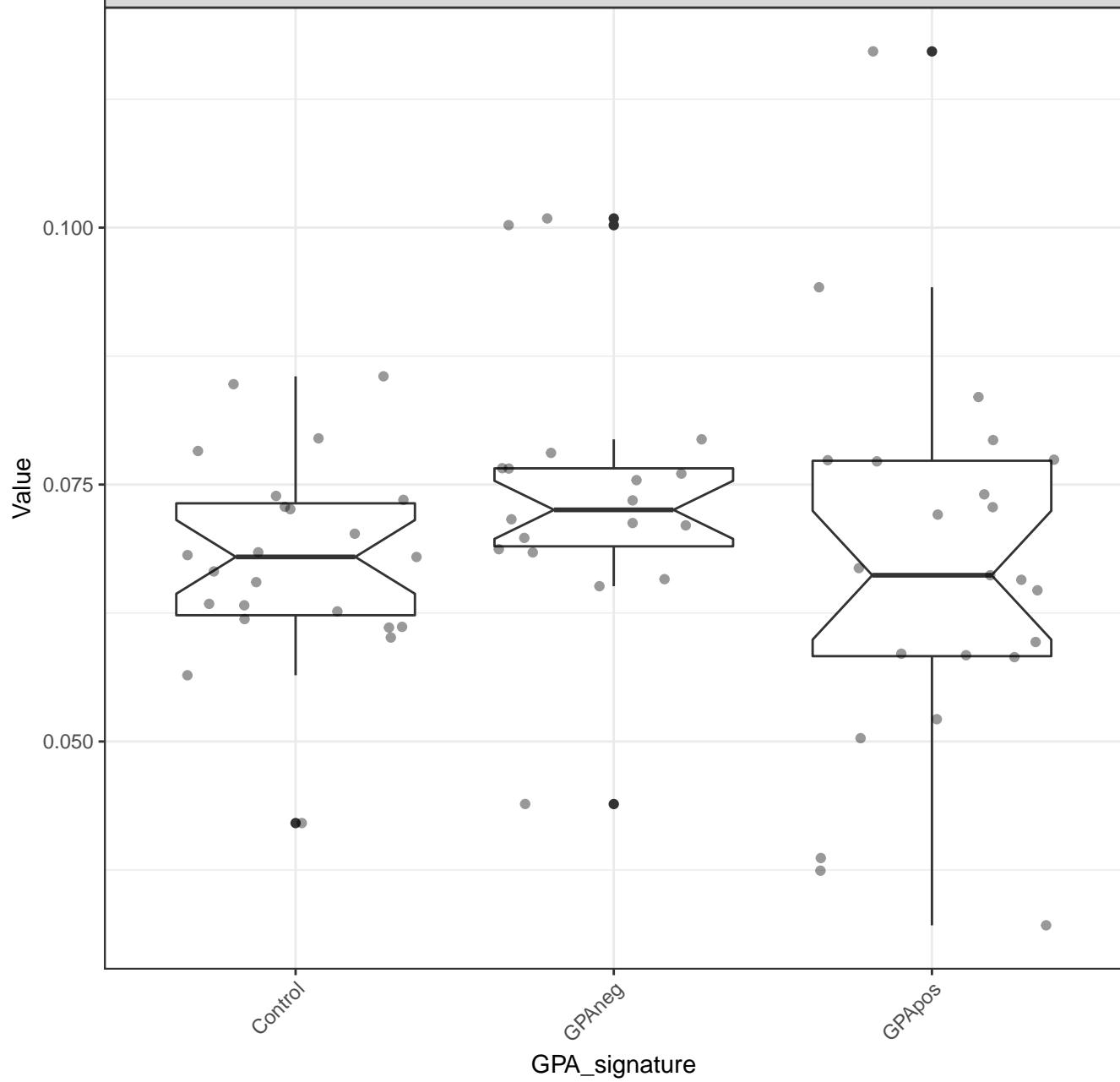


LV 810

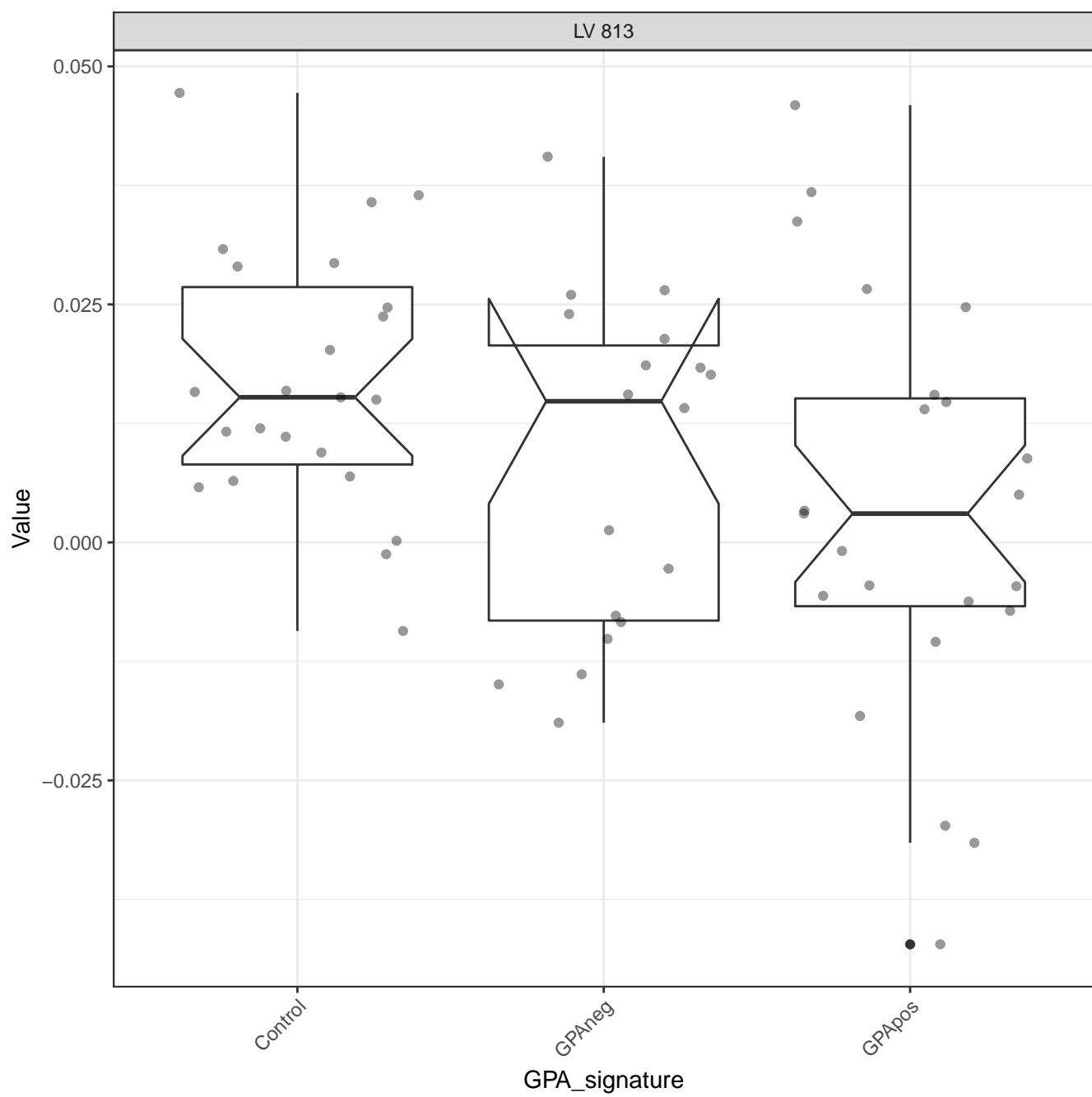


LV 811

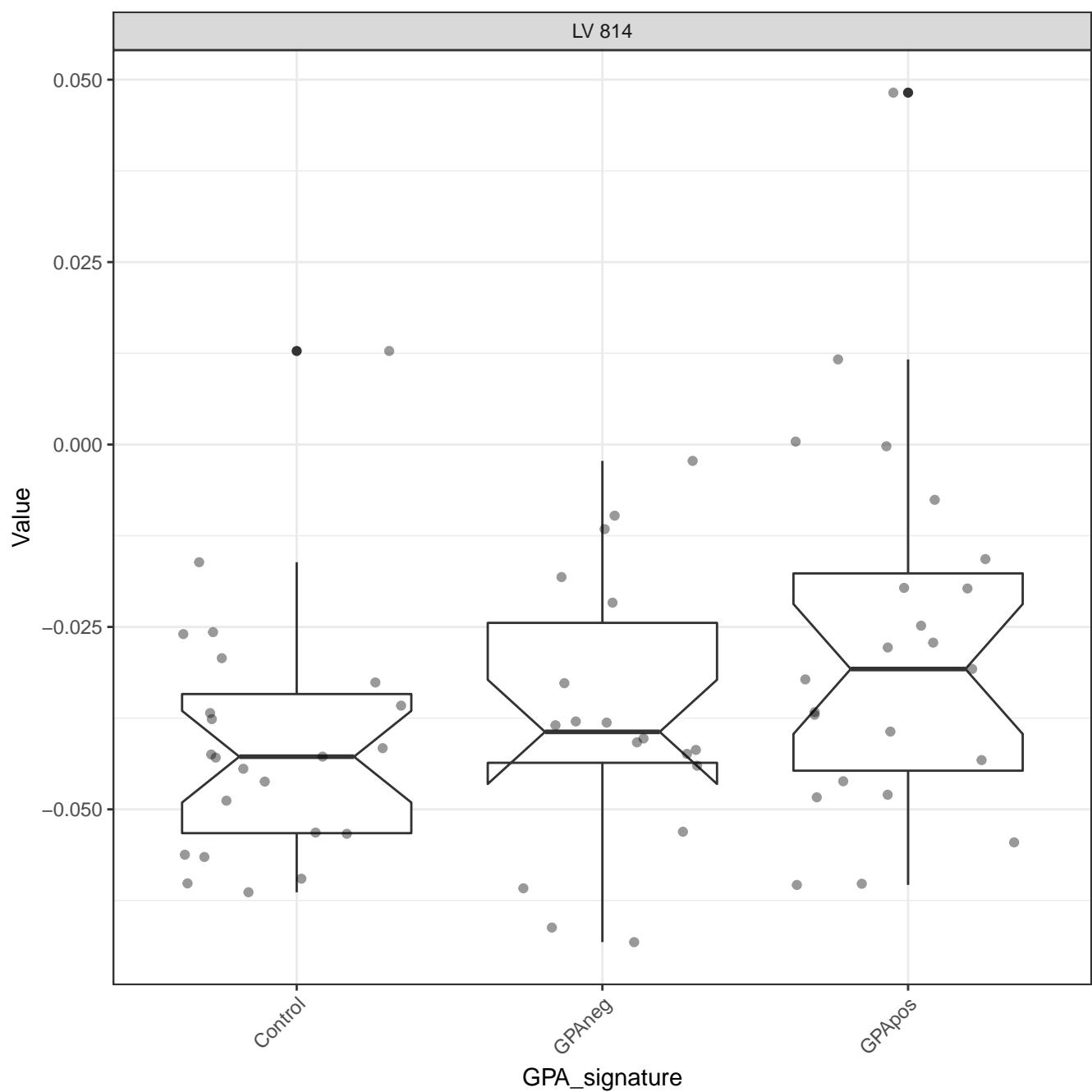




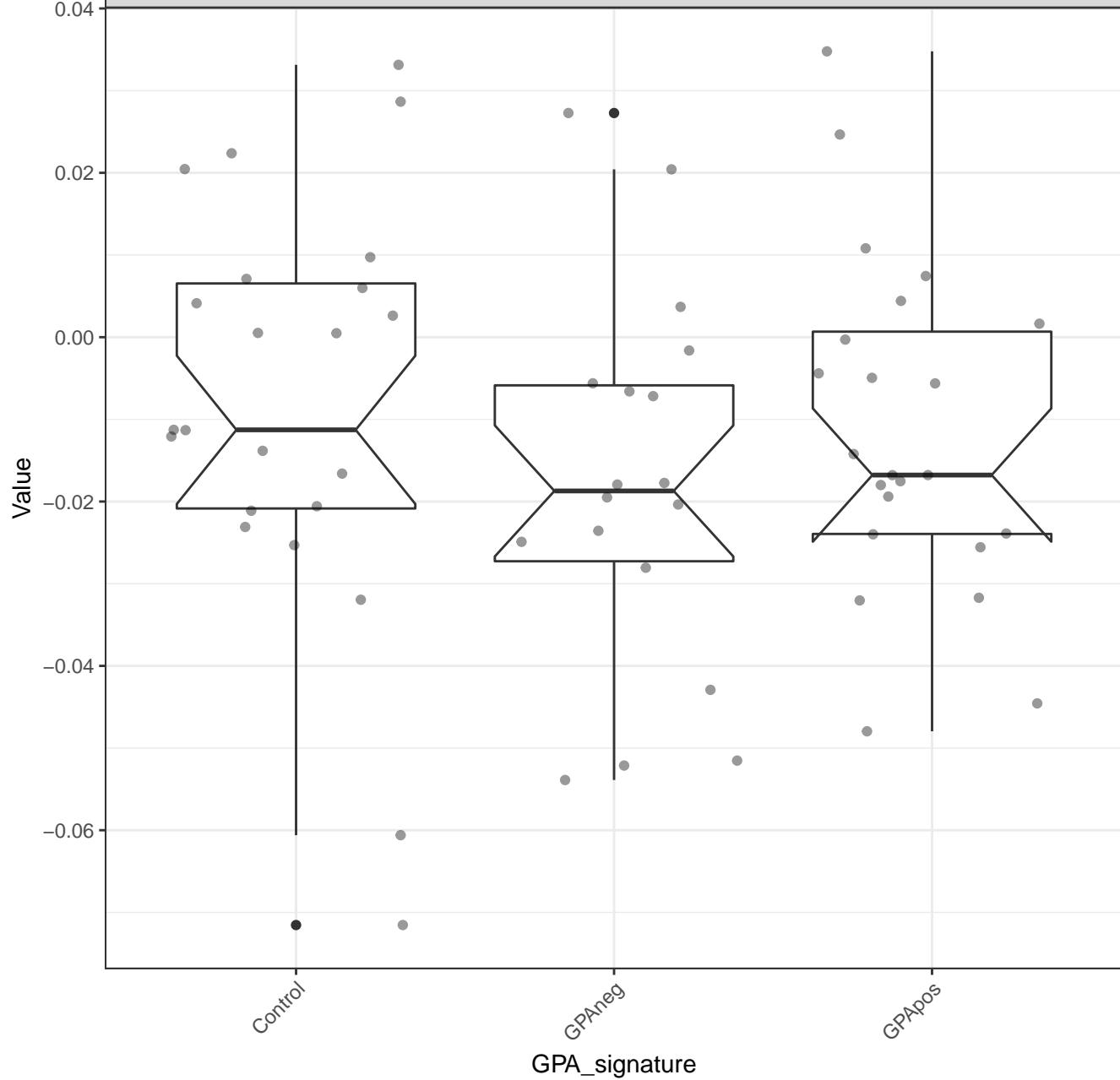
LV 813



LV 814



LV 815



LV 816

Value

0.05

0.01

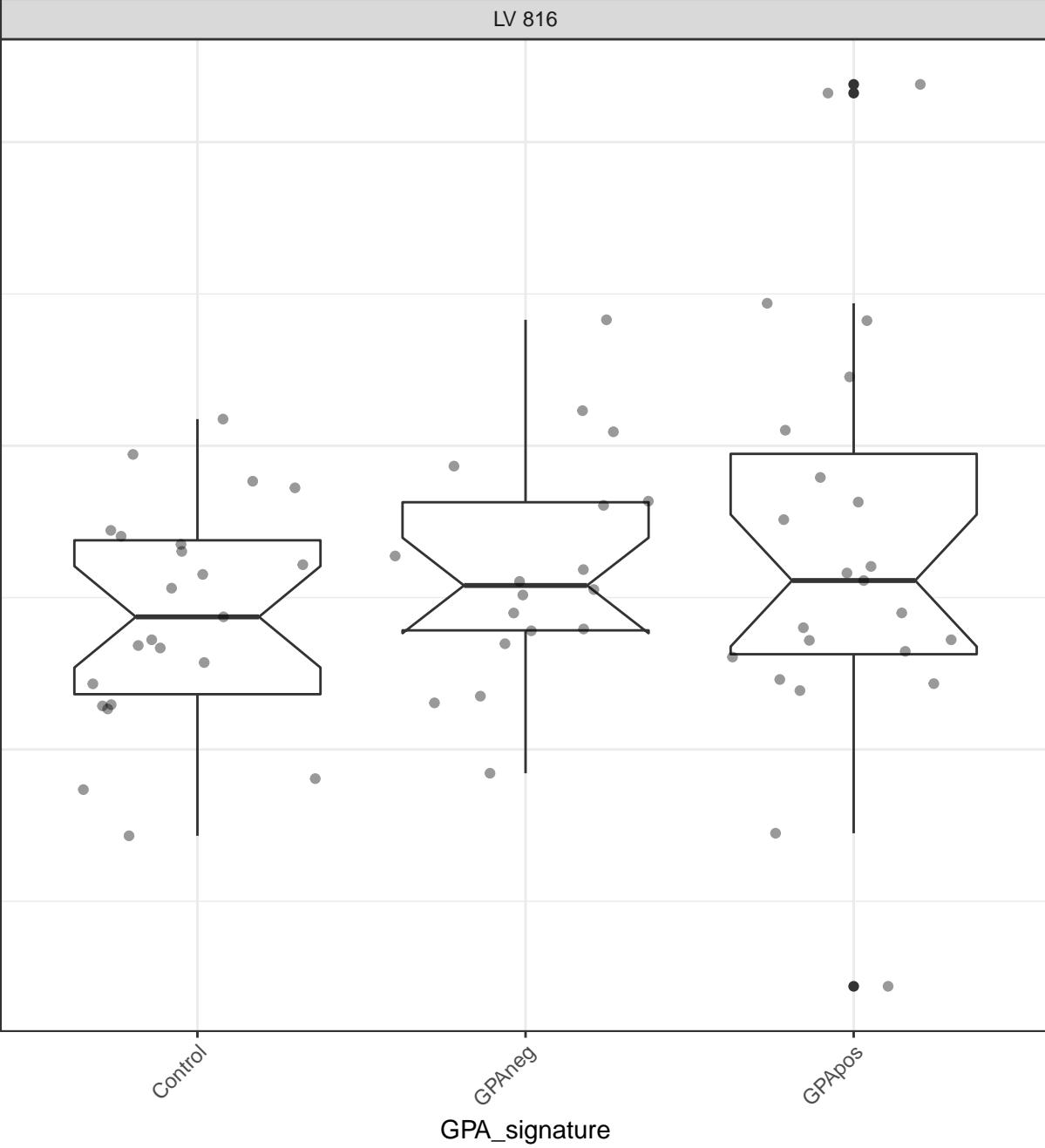
-0.05

Control

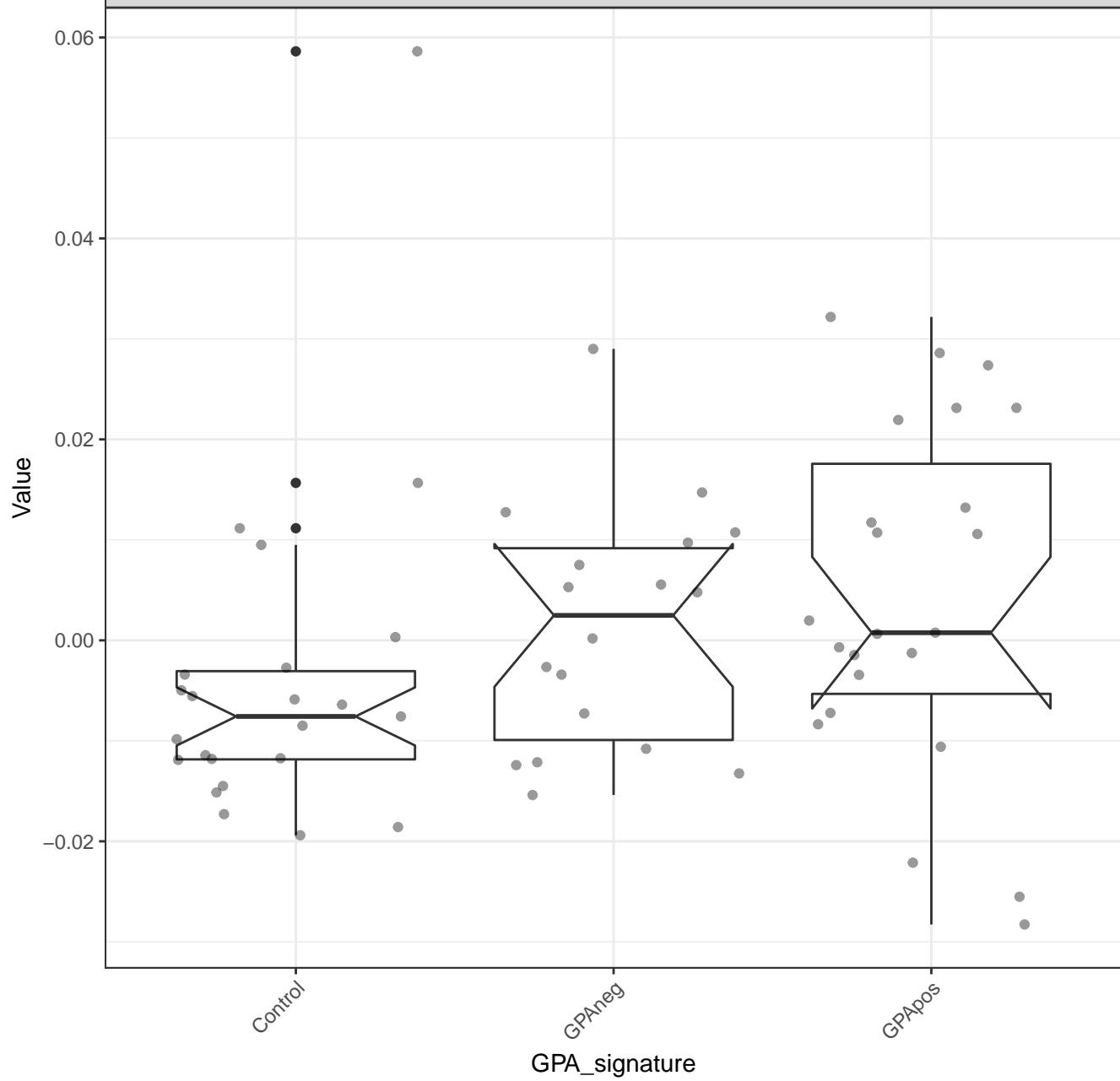
GPAneg

GPApos

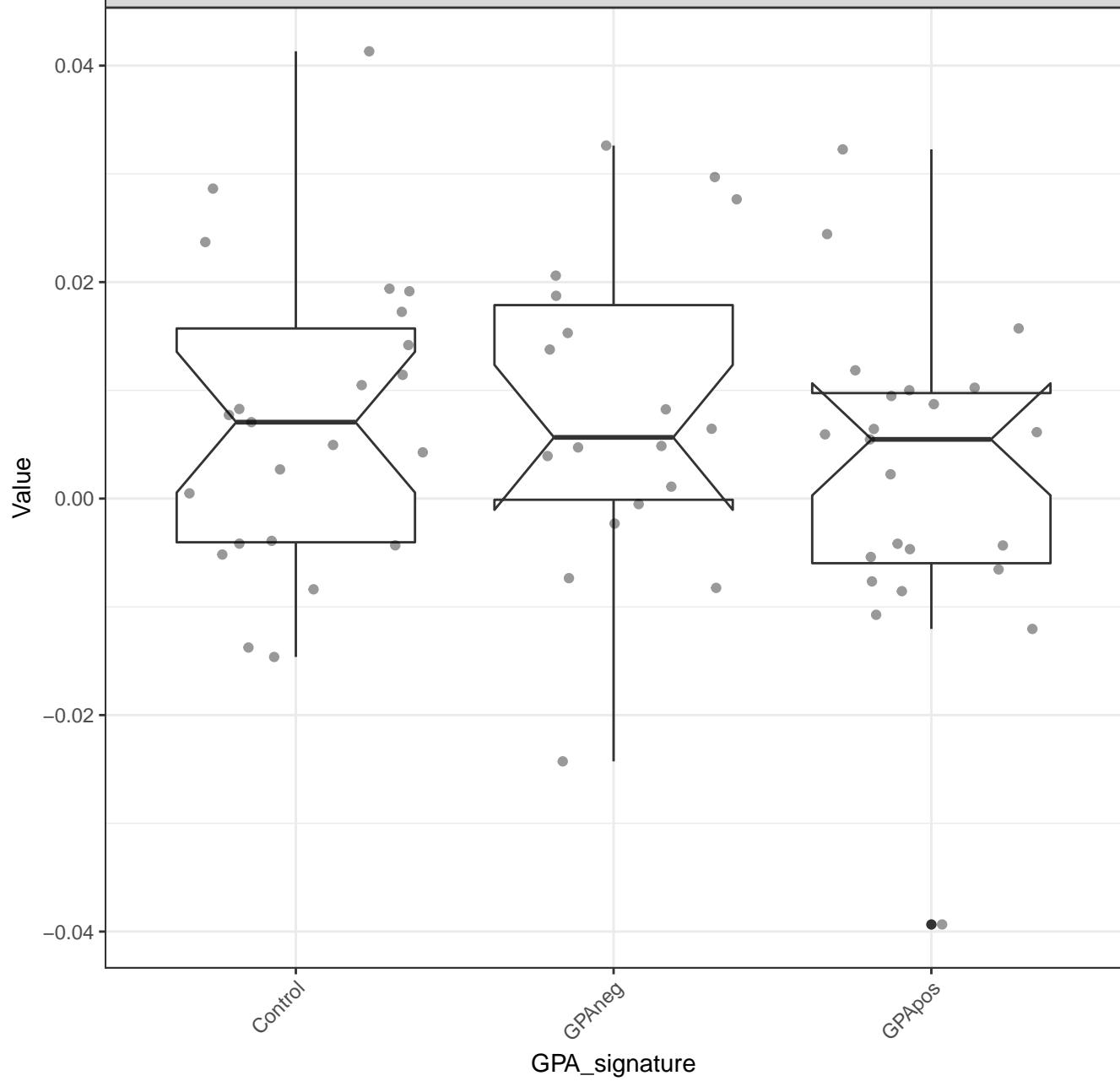
GPA_signature



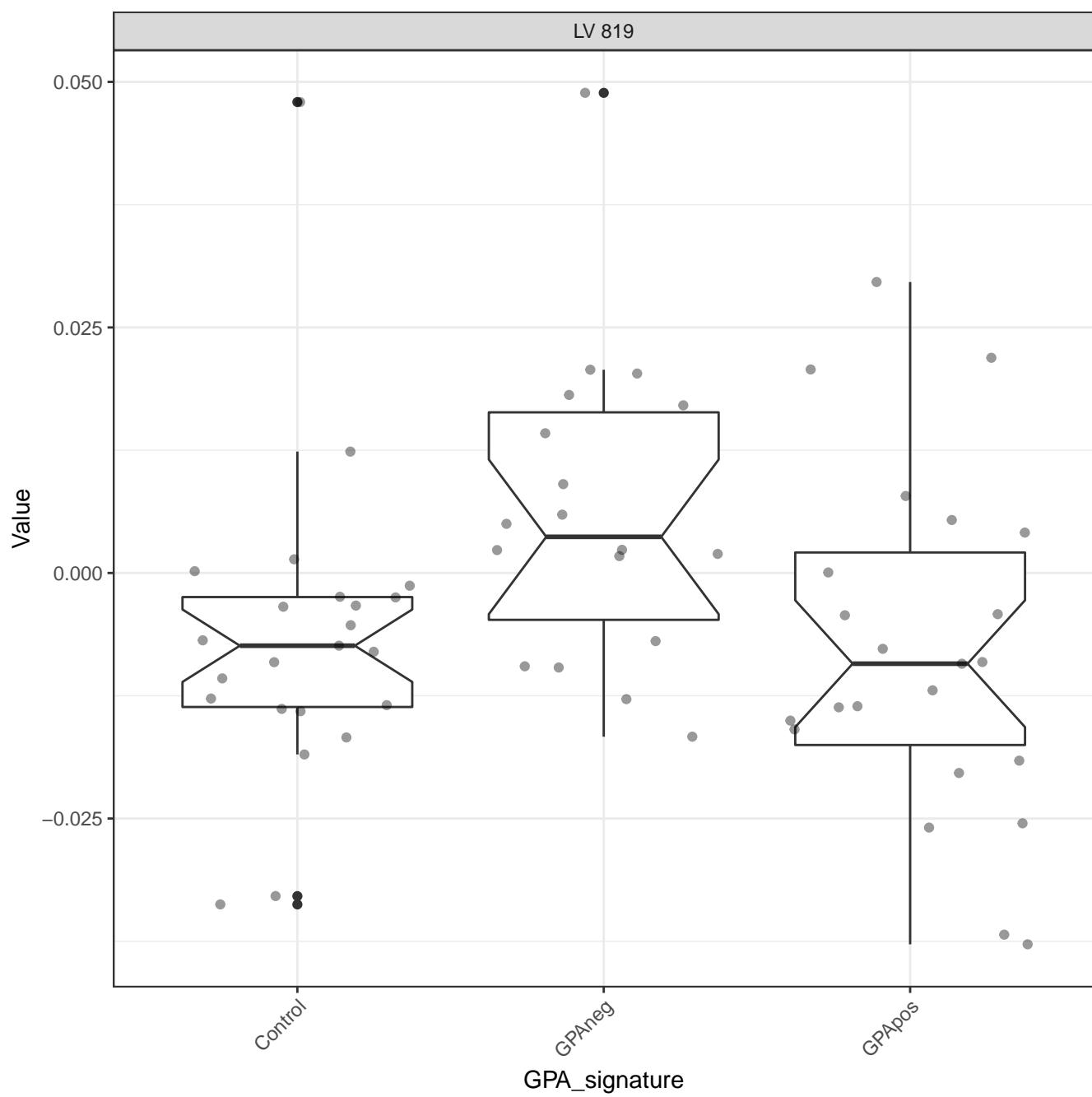
LV 817



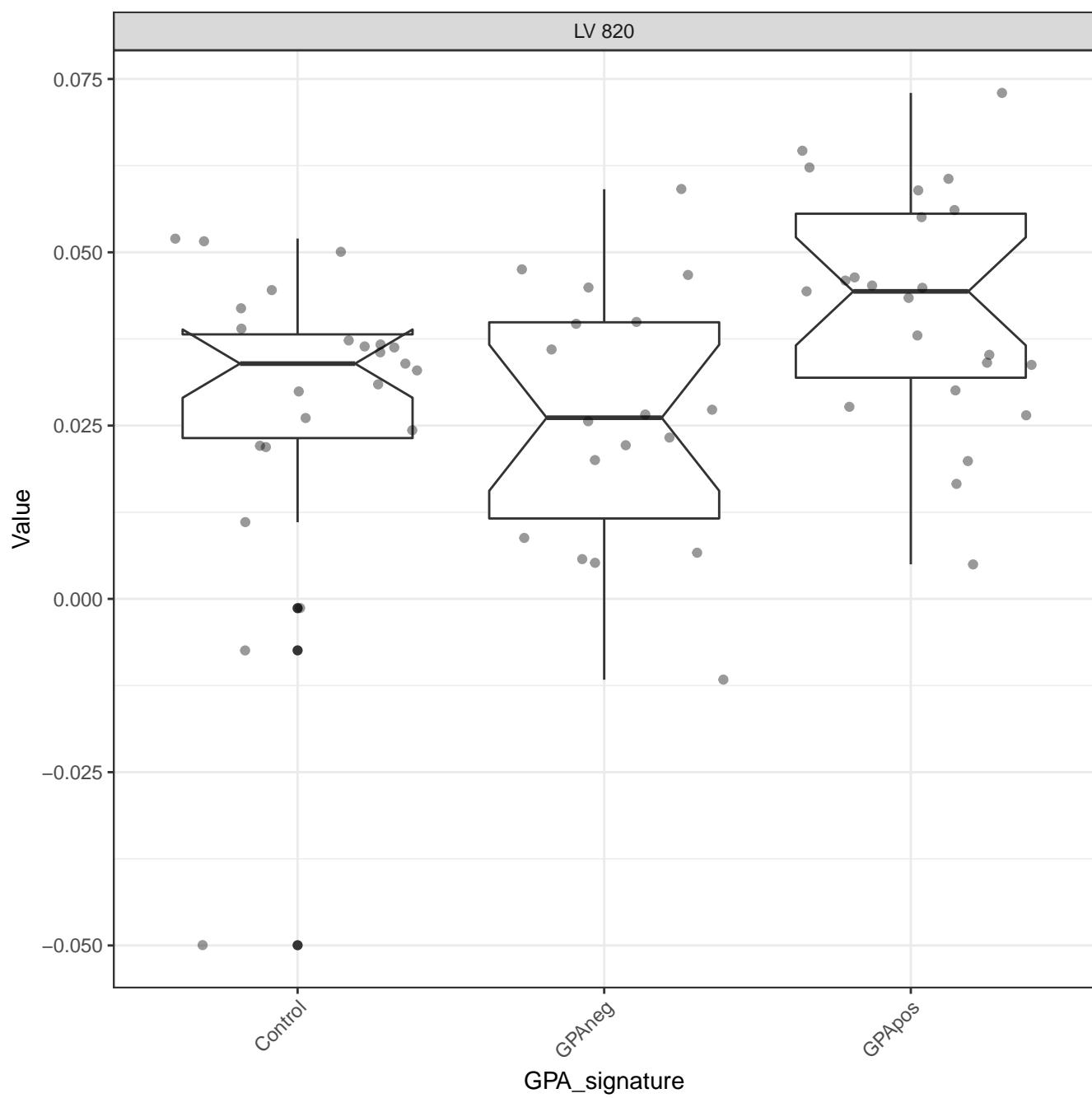
LV 818



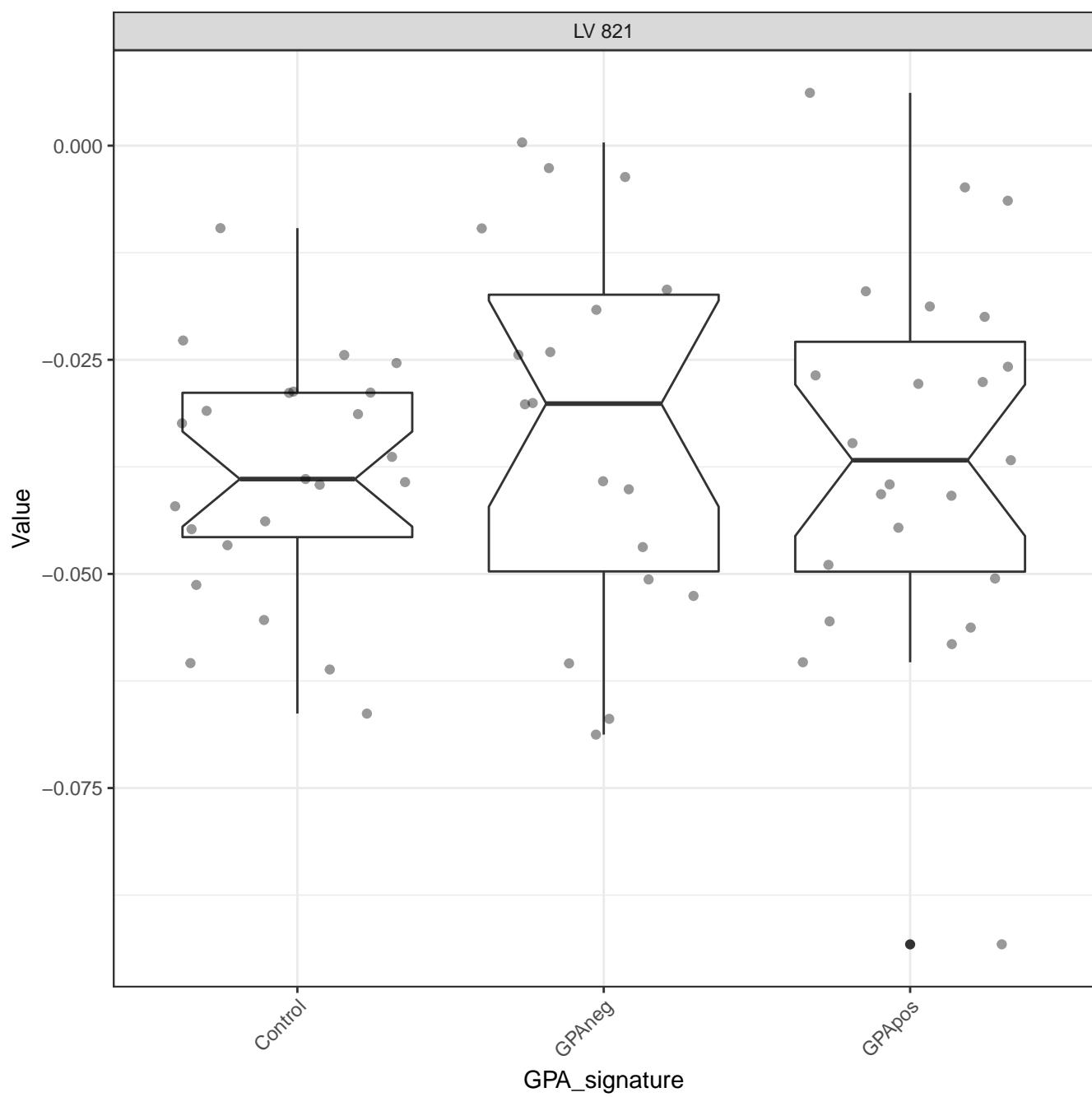
LV 819



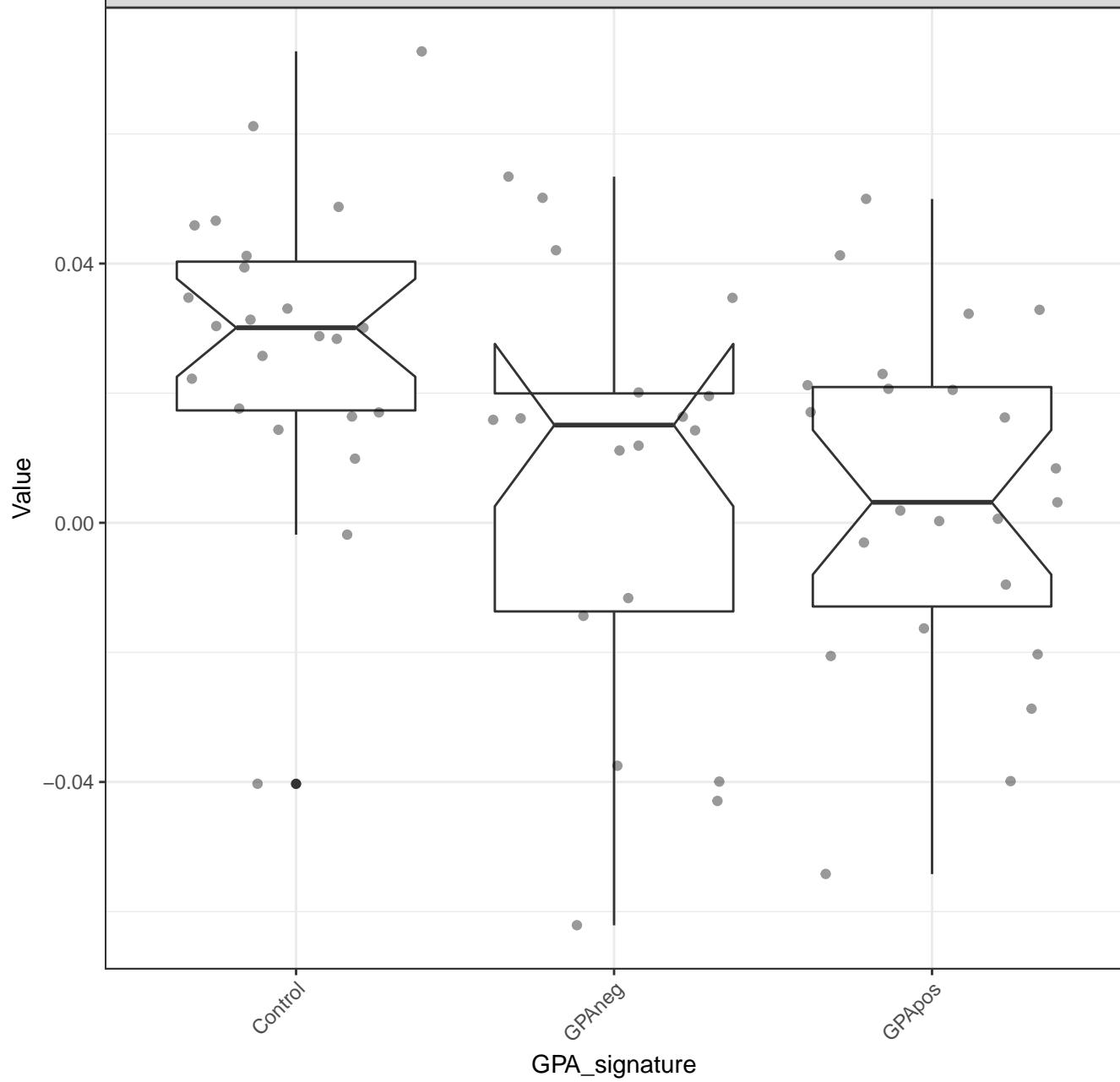
LV 820



LV 821



LV 822



823,SVM T cells CD4 memory resting

Value

0.15

0.10

0.05

0.00

-0.05

Control

GPAneg

GPAPos

GPA_signature

LV 824

Value

0.1

0.0

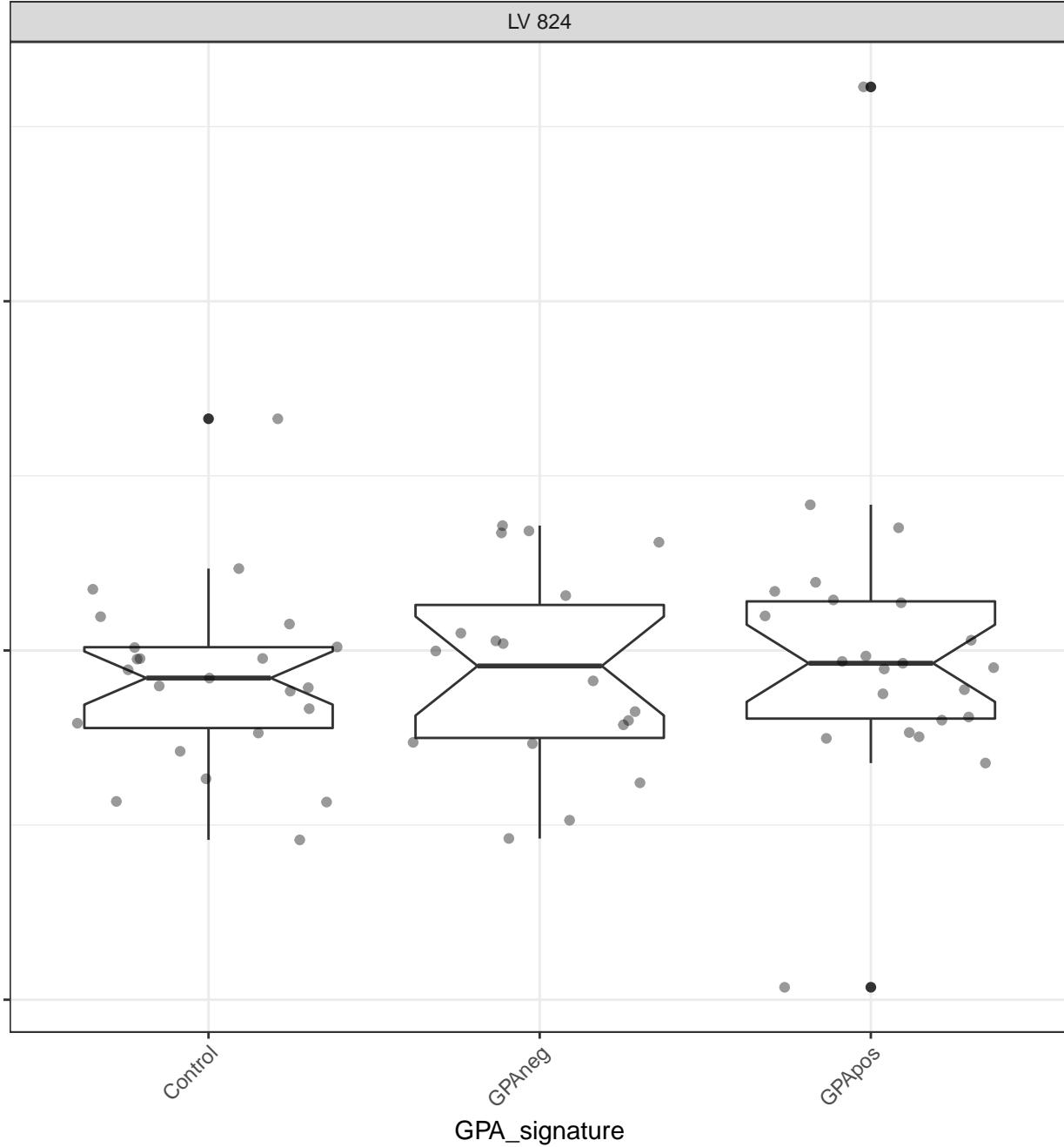
-0.1

Control

GPAneg

GPAPos

GPA_signature



LV 825

Value

0.04

0.02

0.00

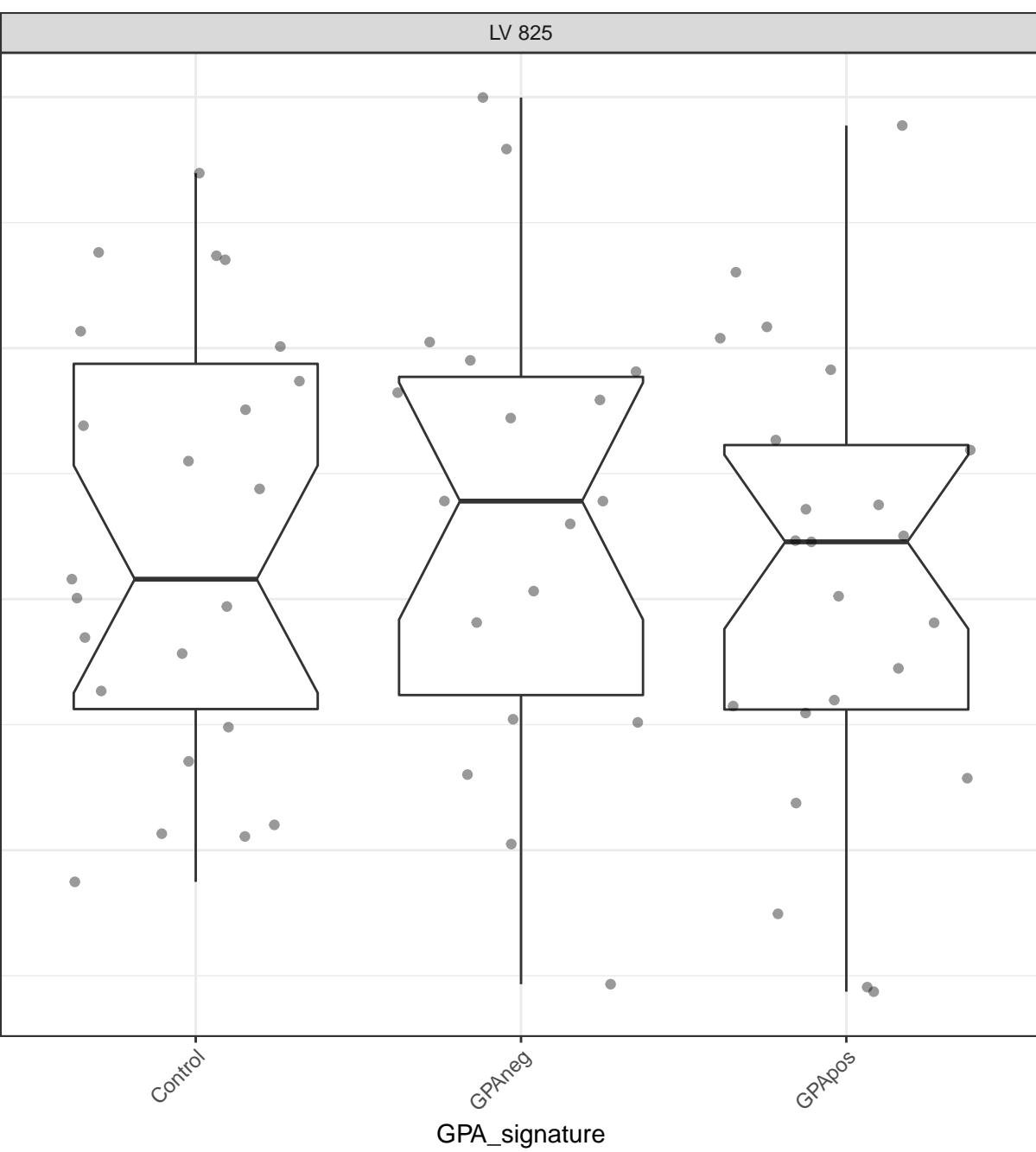
-0.02

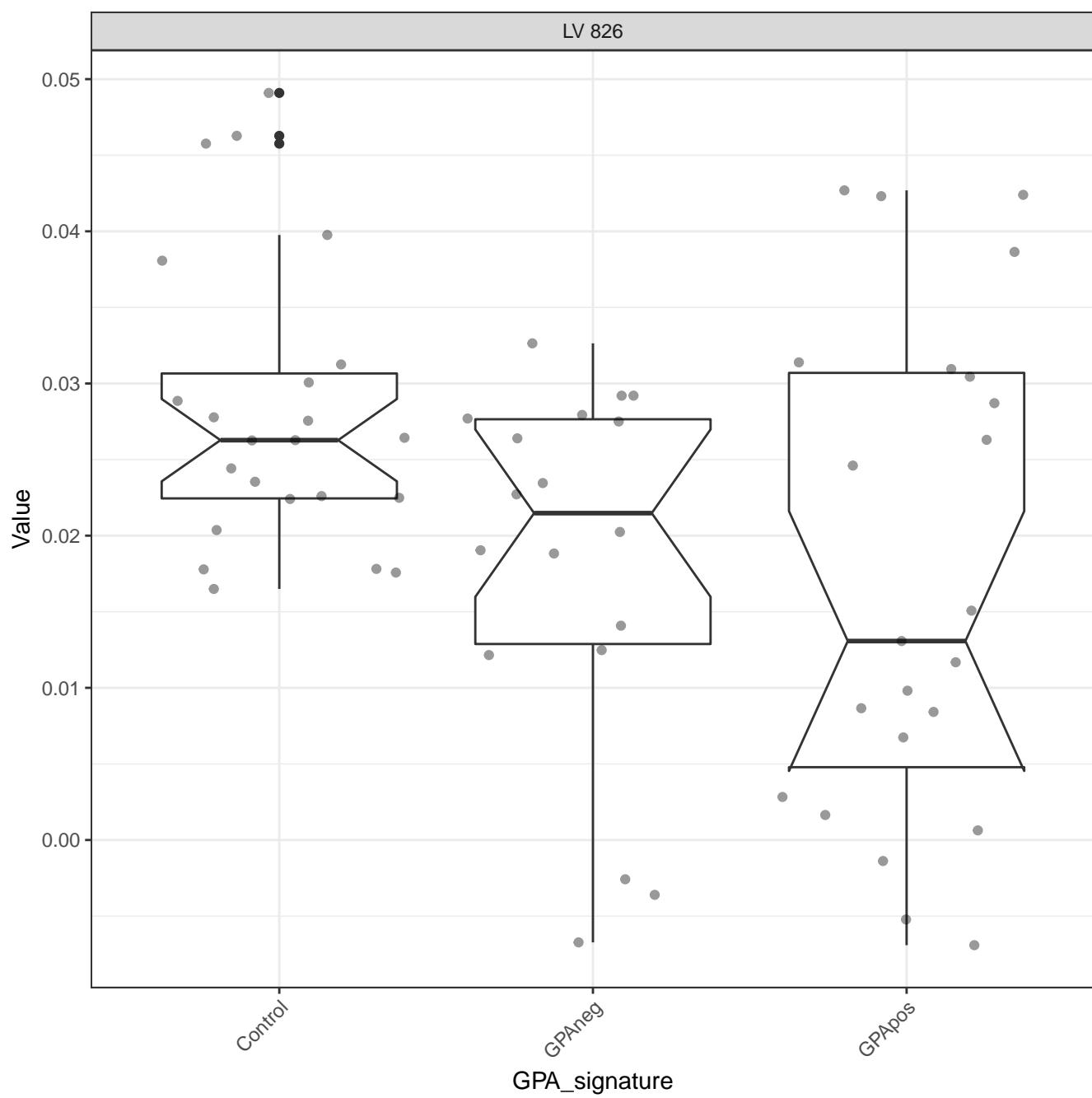
Control

GPA_signature

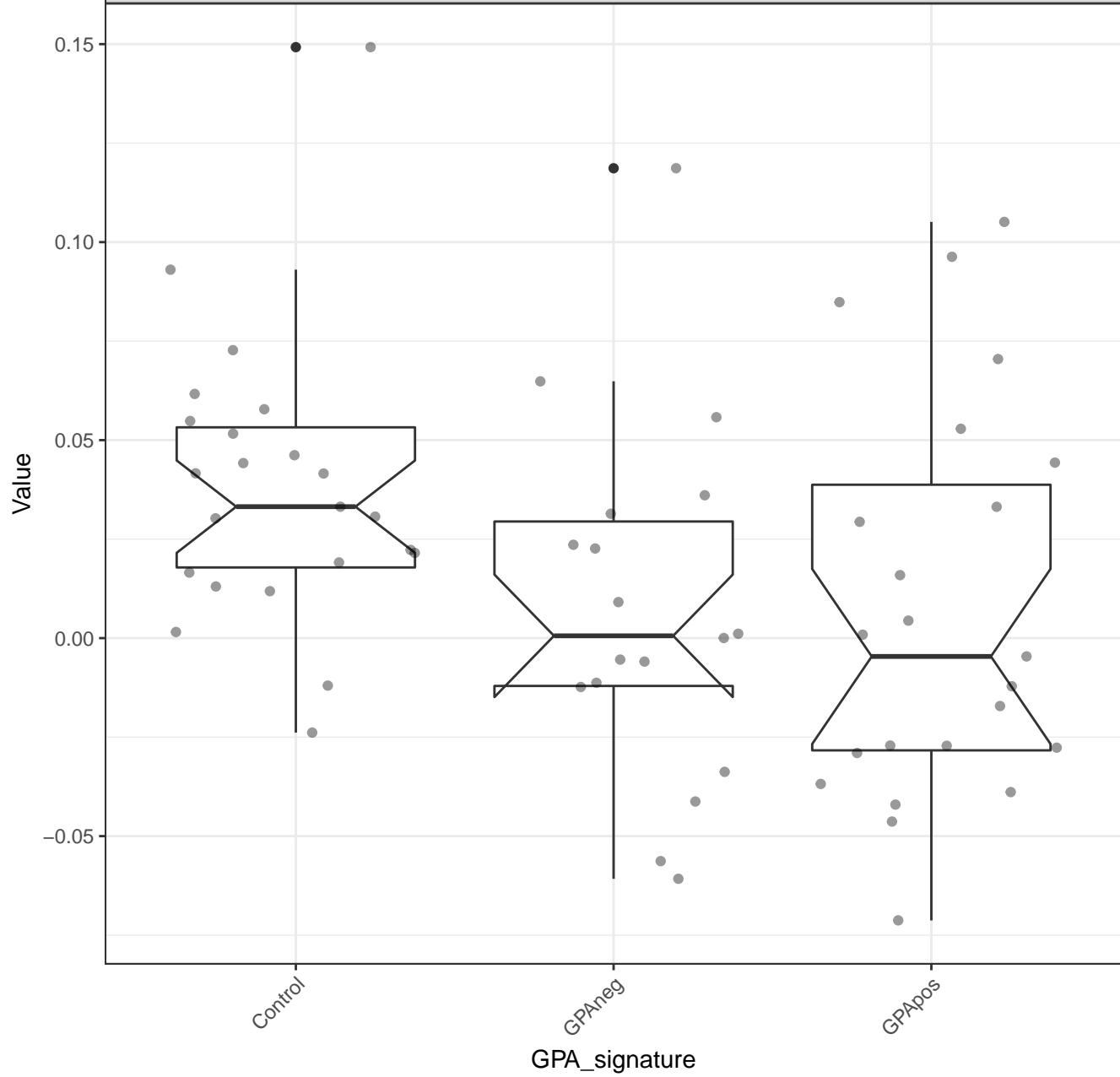
GPAneg

GPApos

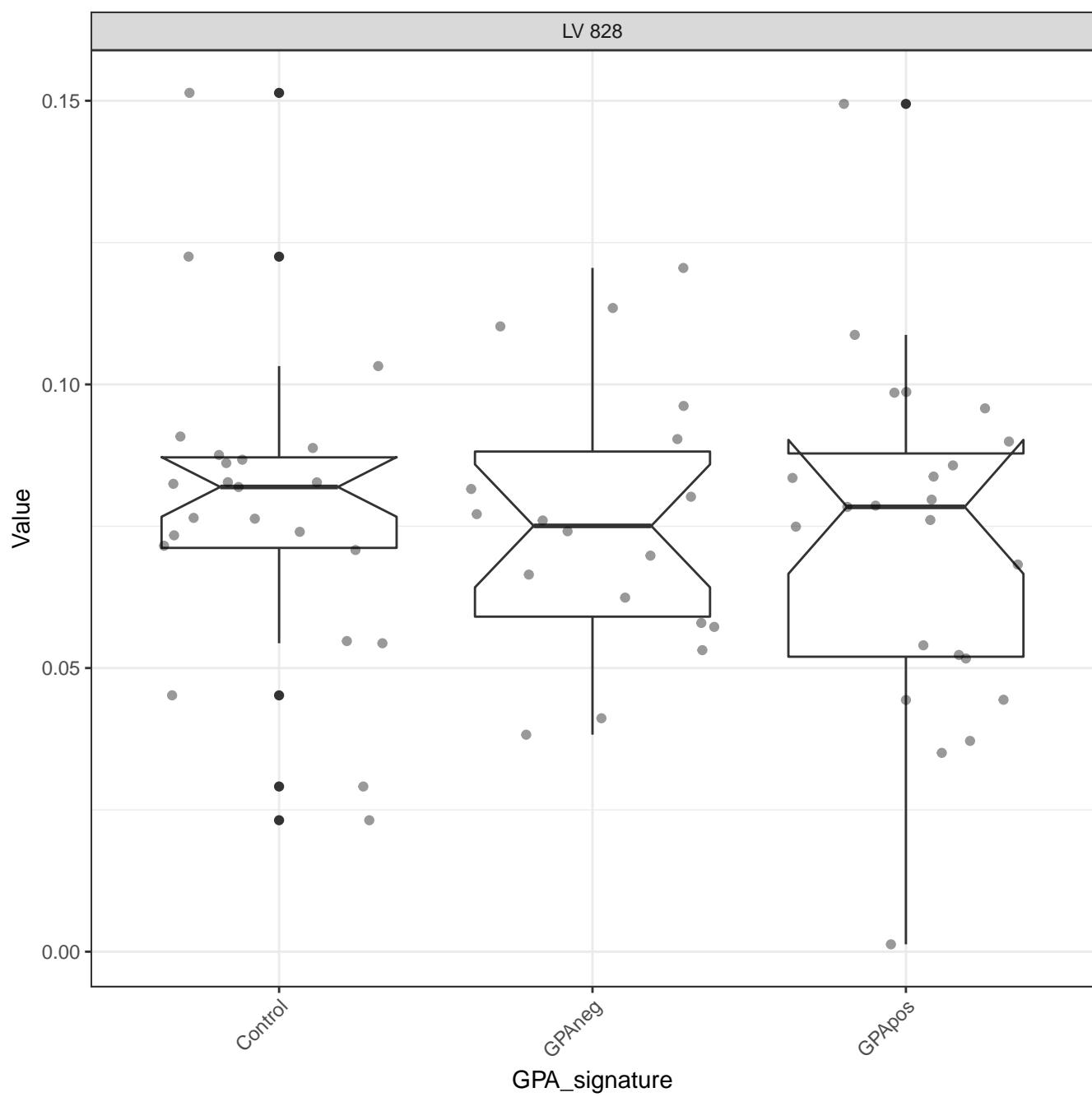




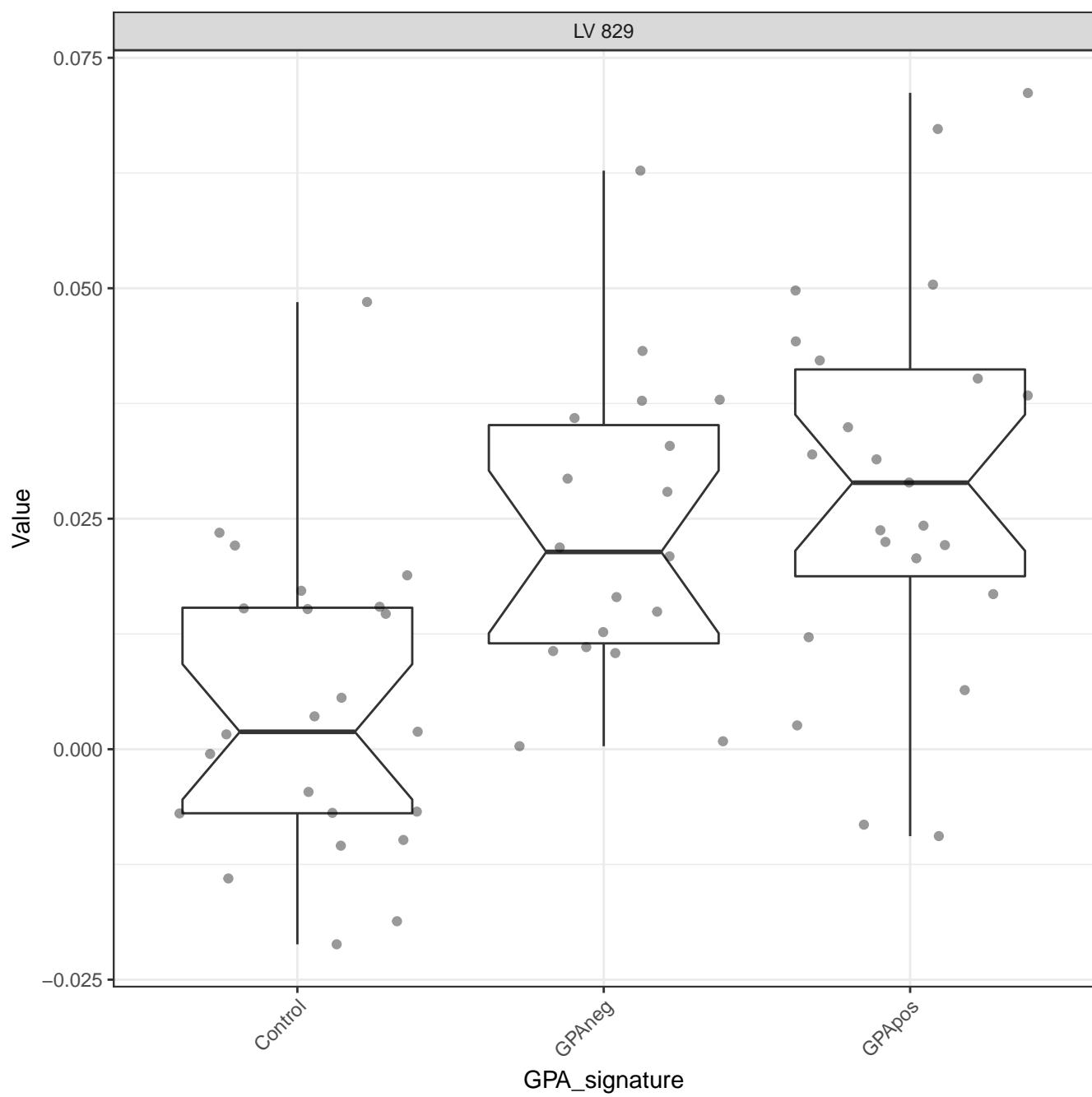
827,KEGG_B_CELL_RECEPTOR_SIGNALING_PATHWAY



LV 828



LV 829



LV 830

Value

0.3

0.2

0.1

0.0

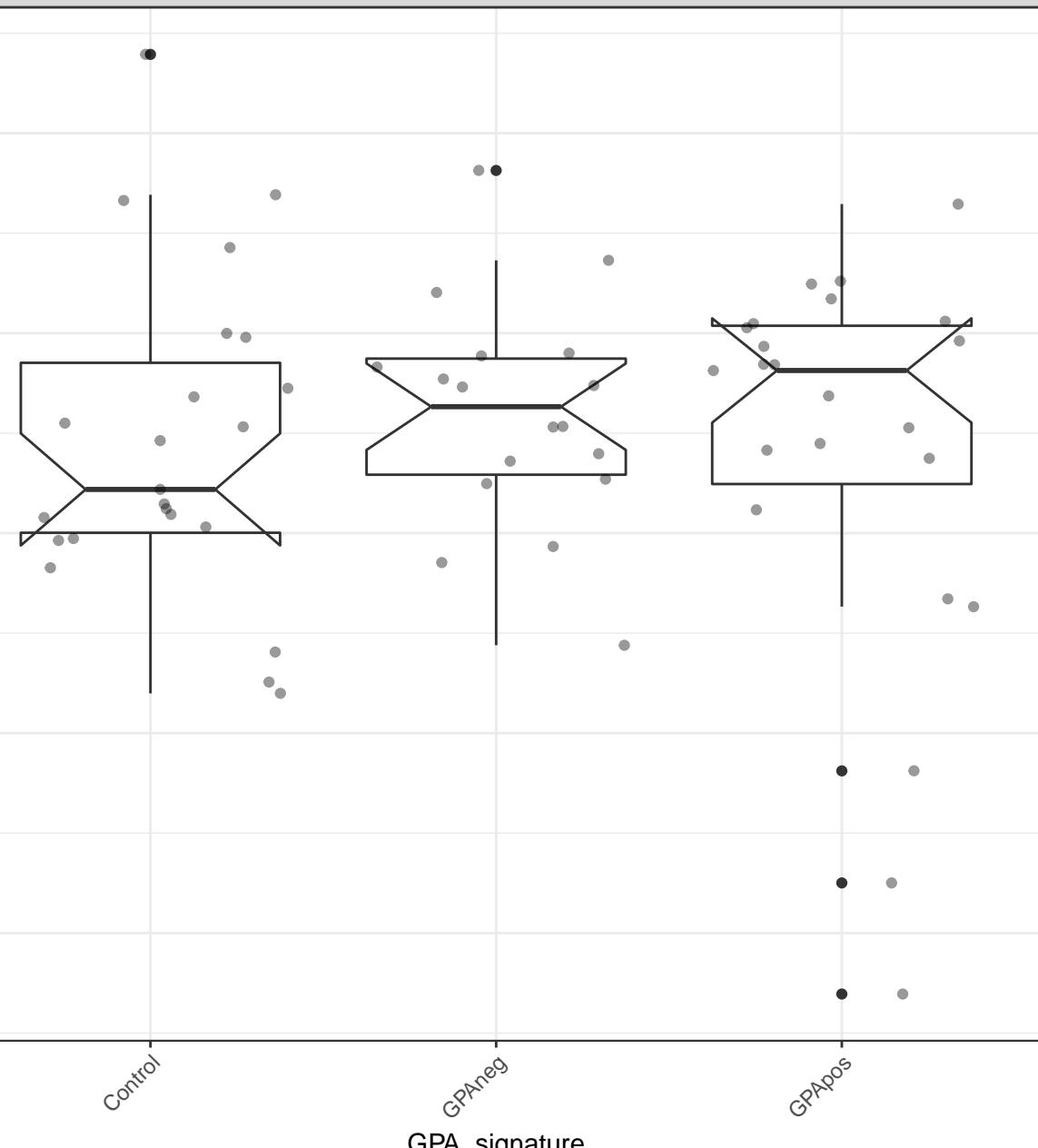
-0.1

Control

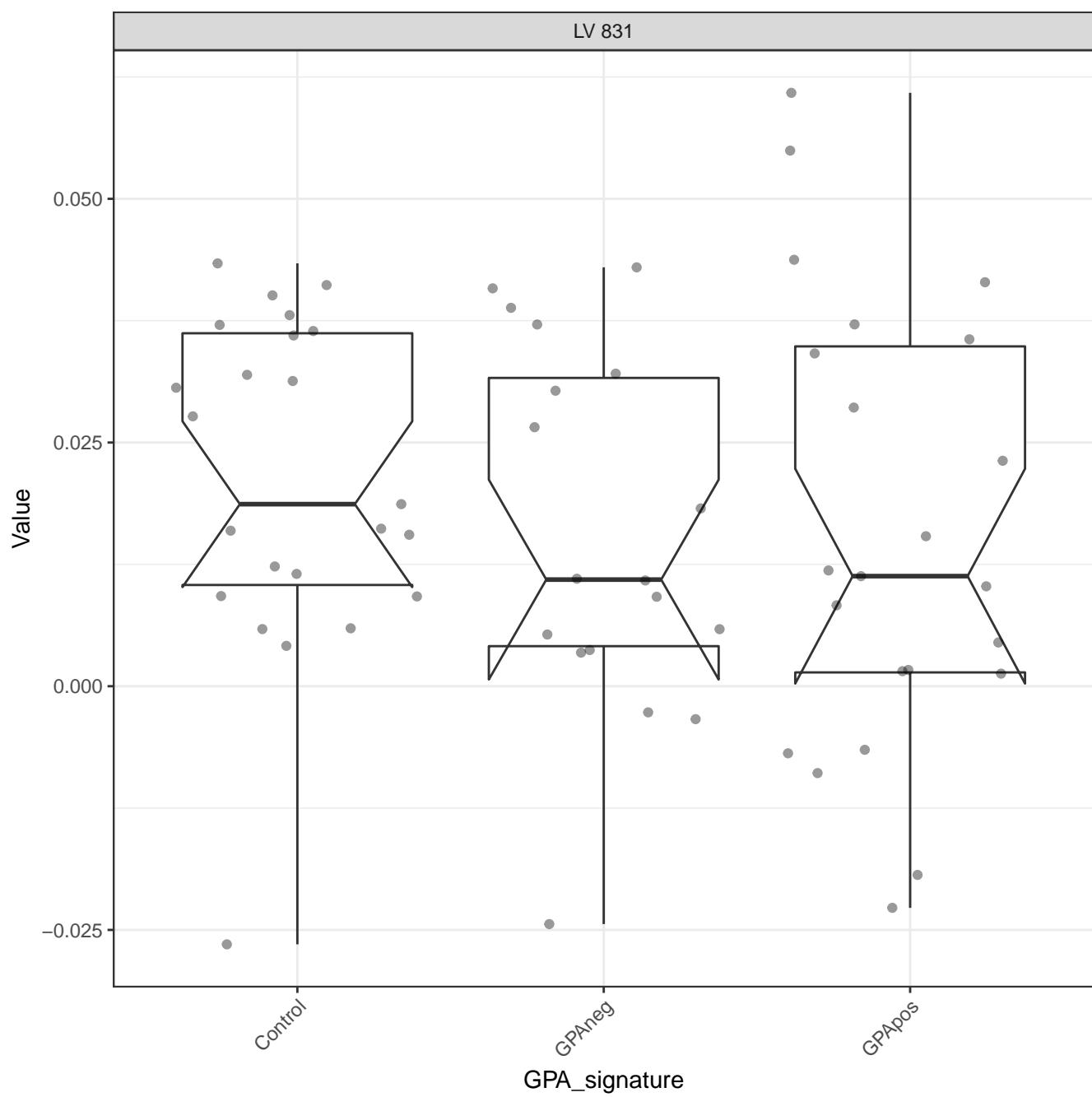
GPA_signature

GPAneg

GPApos



LV 831



832,KEGG_CYSTEINE_AND_METHIONINE_METABOLISM

Value

0.05

0.00

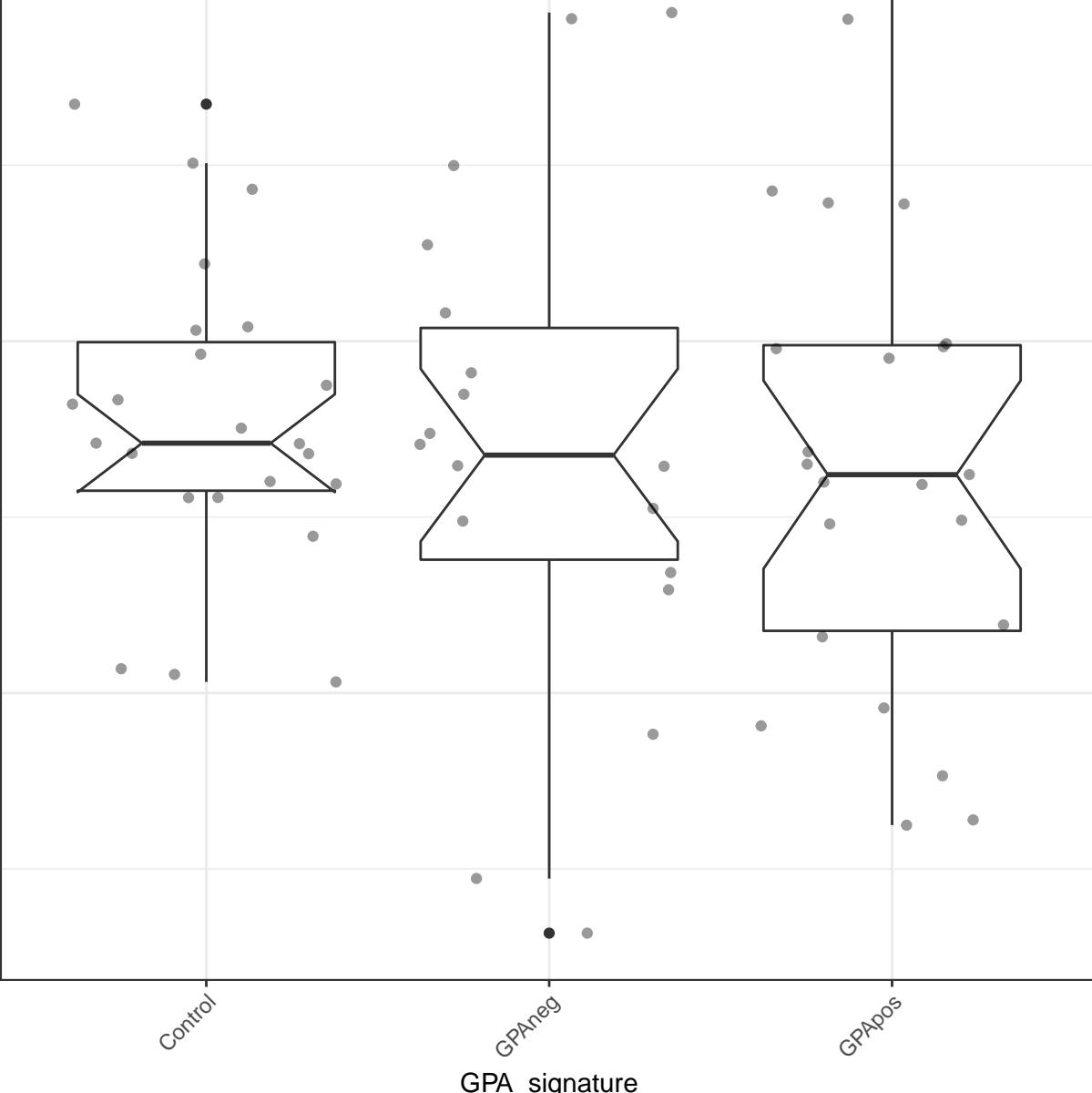
-0.05

Control

GPA_signature

GPAneg

GPApos



LV 833

Value

0.10

0.05

0.00

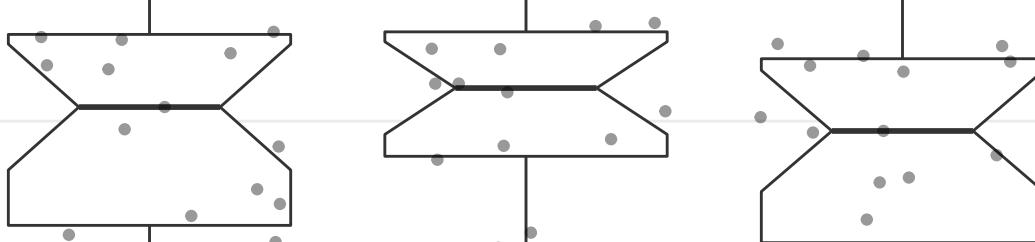
-0.05

Control

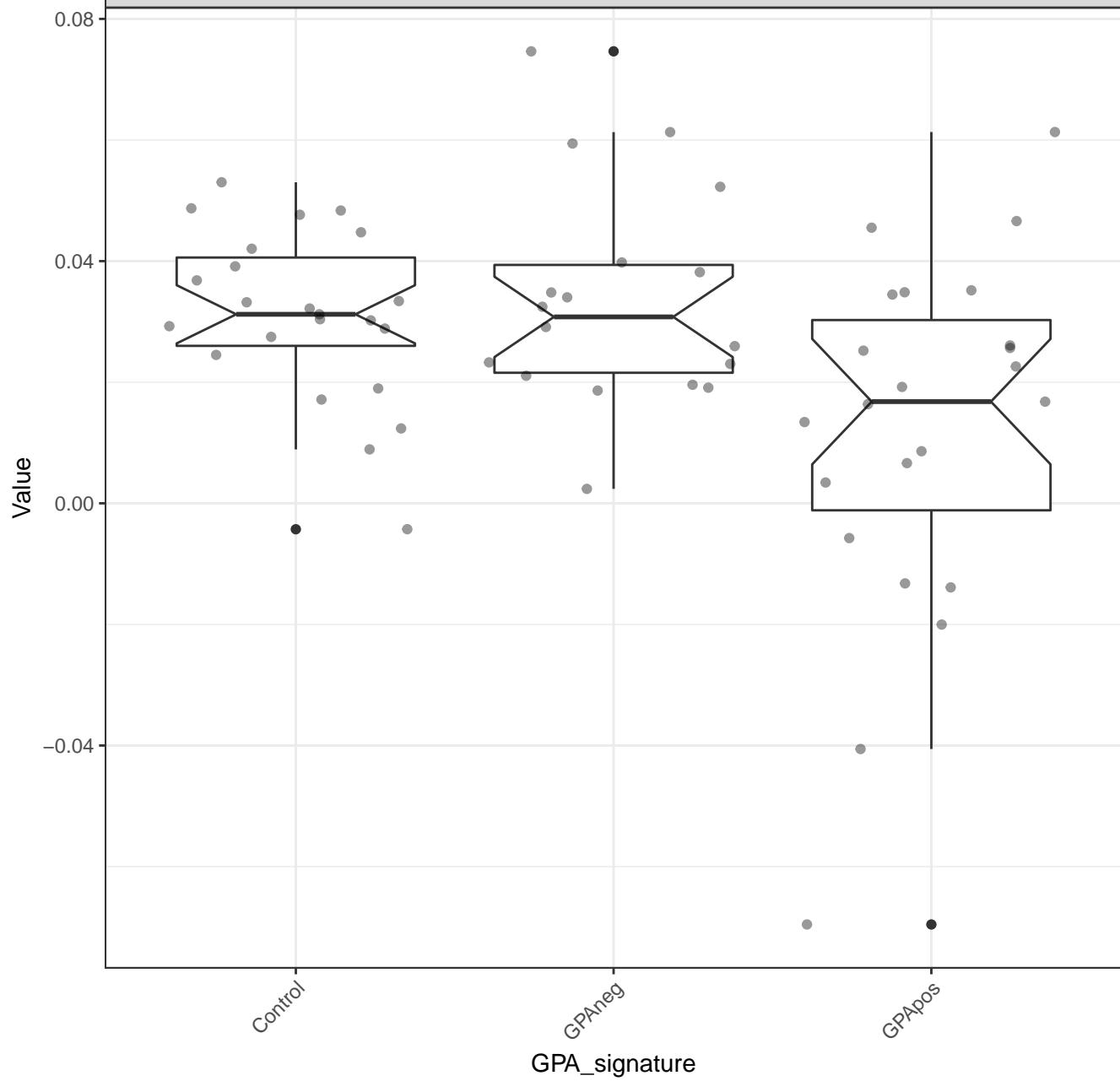
GPAneg

GPAPos

GPA_signature



LV 834



LV 835

Value

0.05

0.00

-0.05

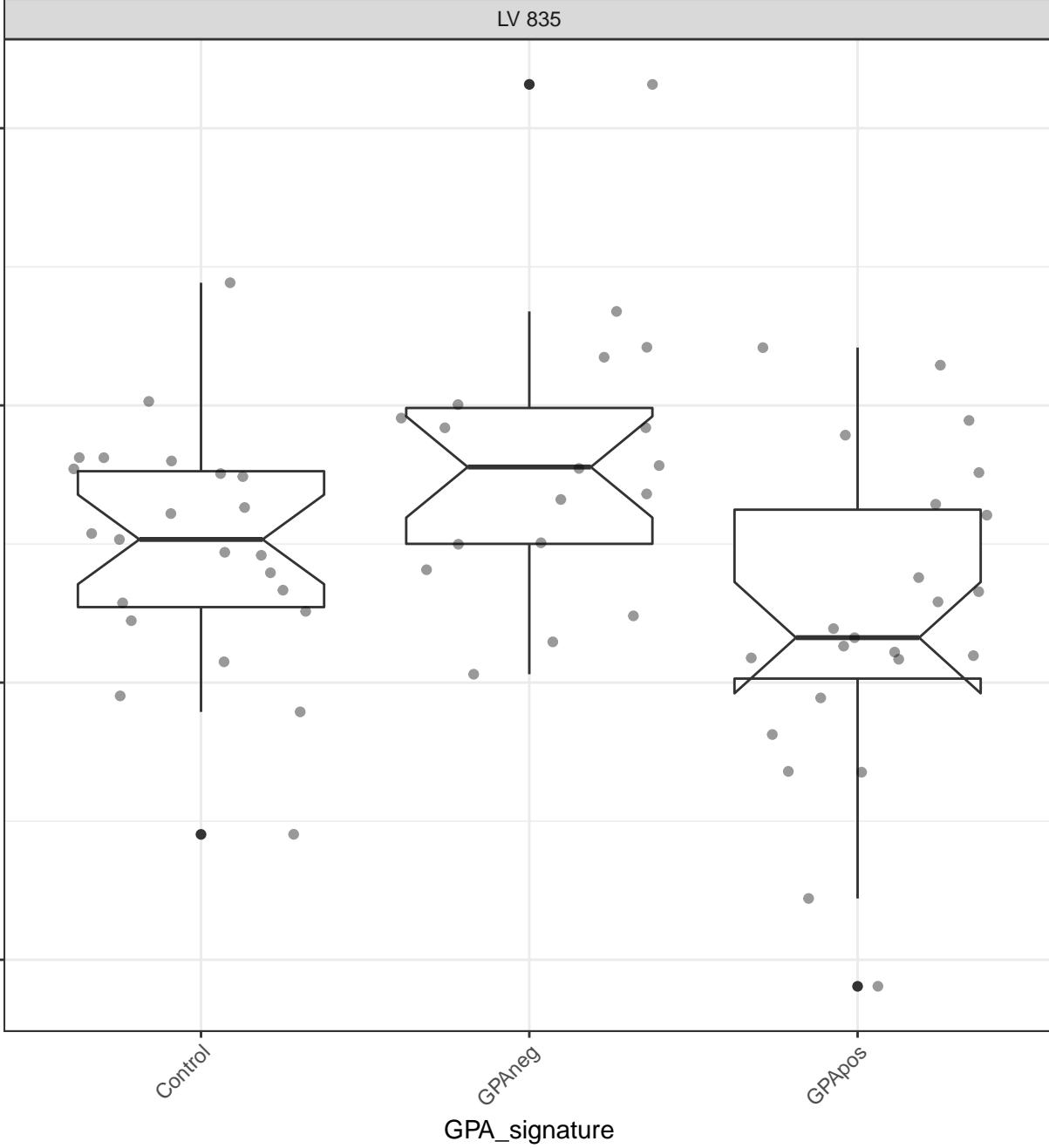
-0.10

Control

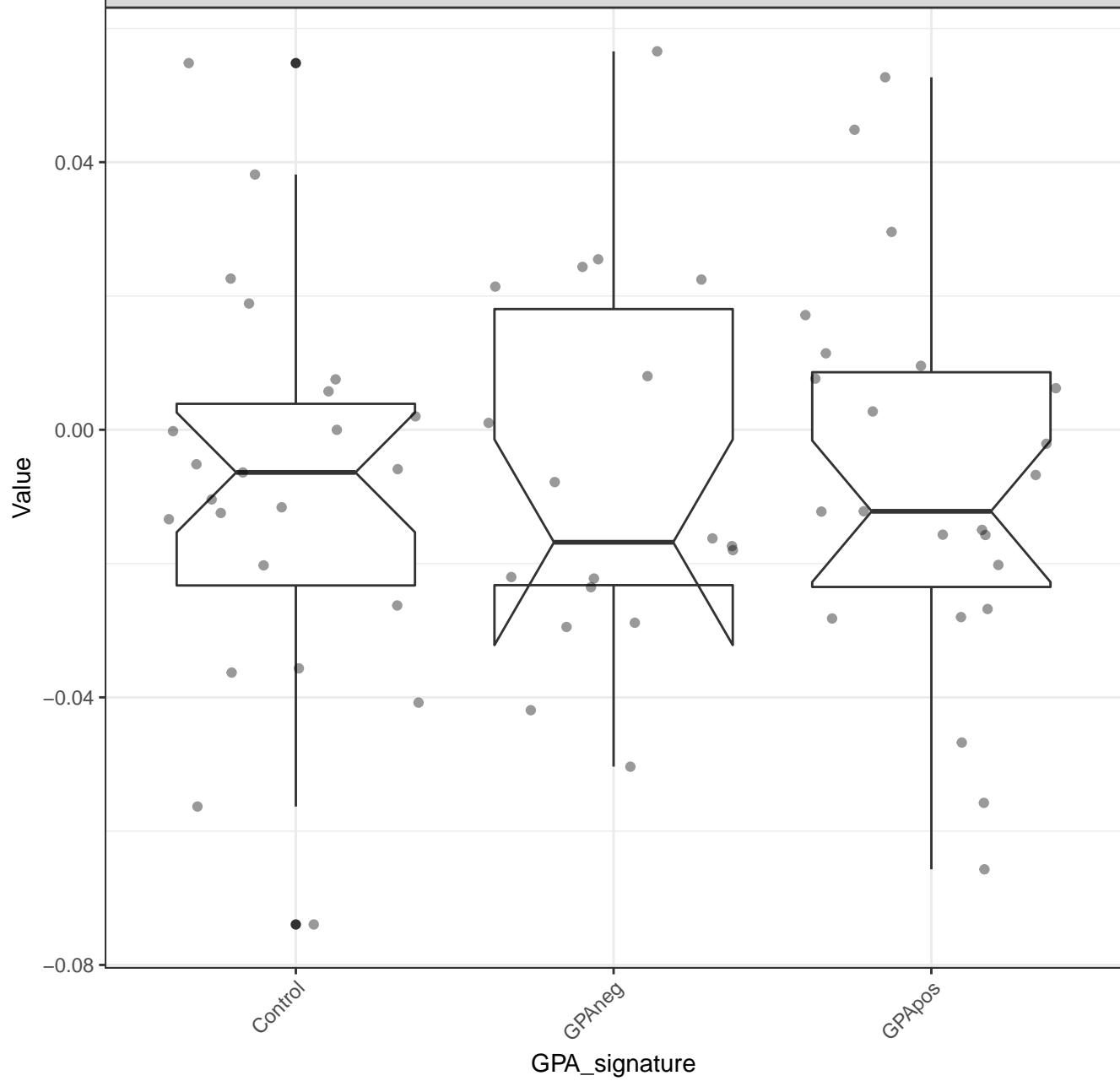
GPAneg

GPApos

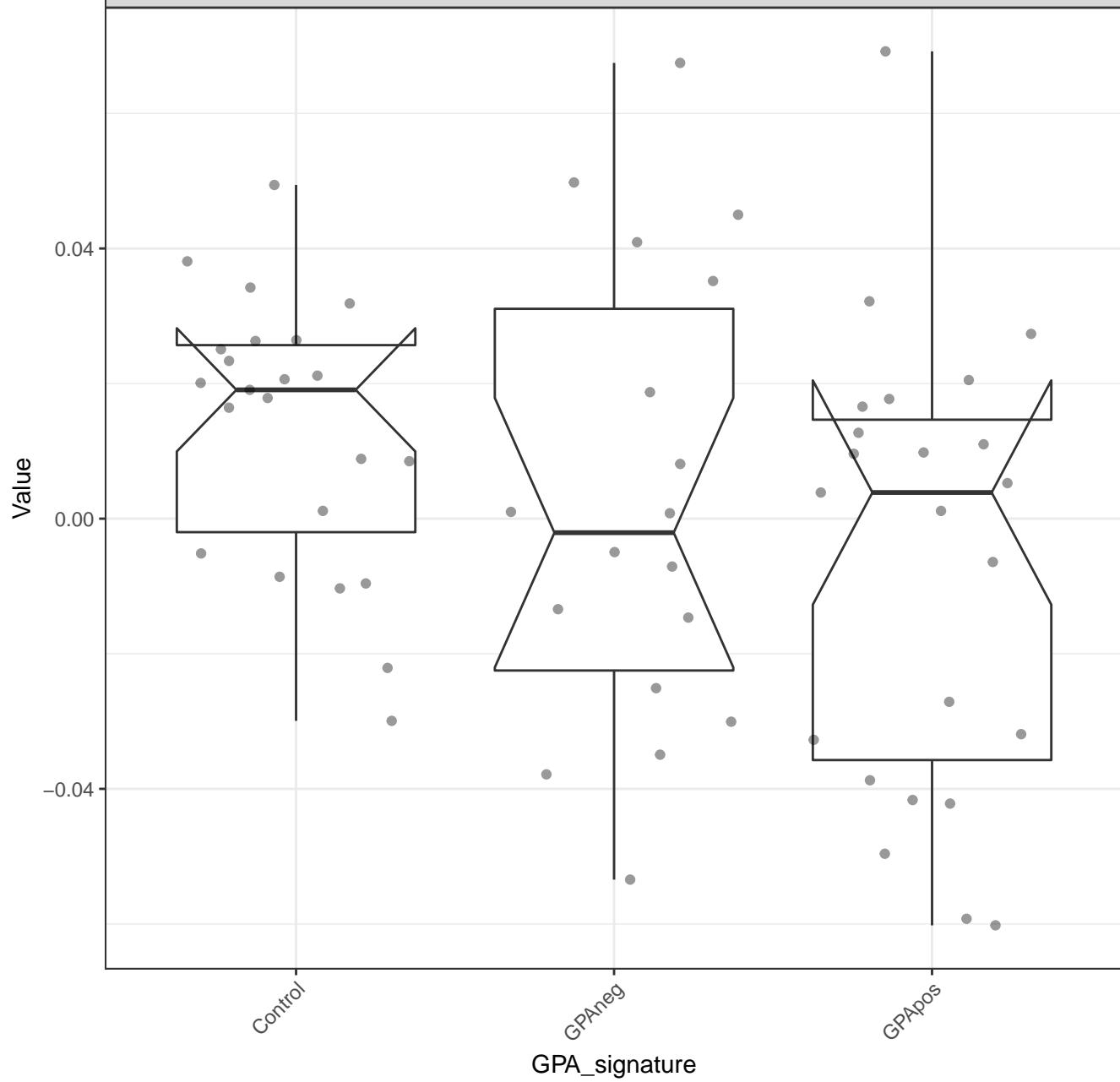
GPA_signature



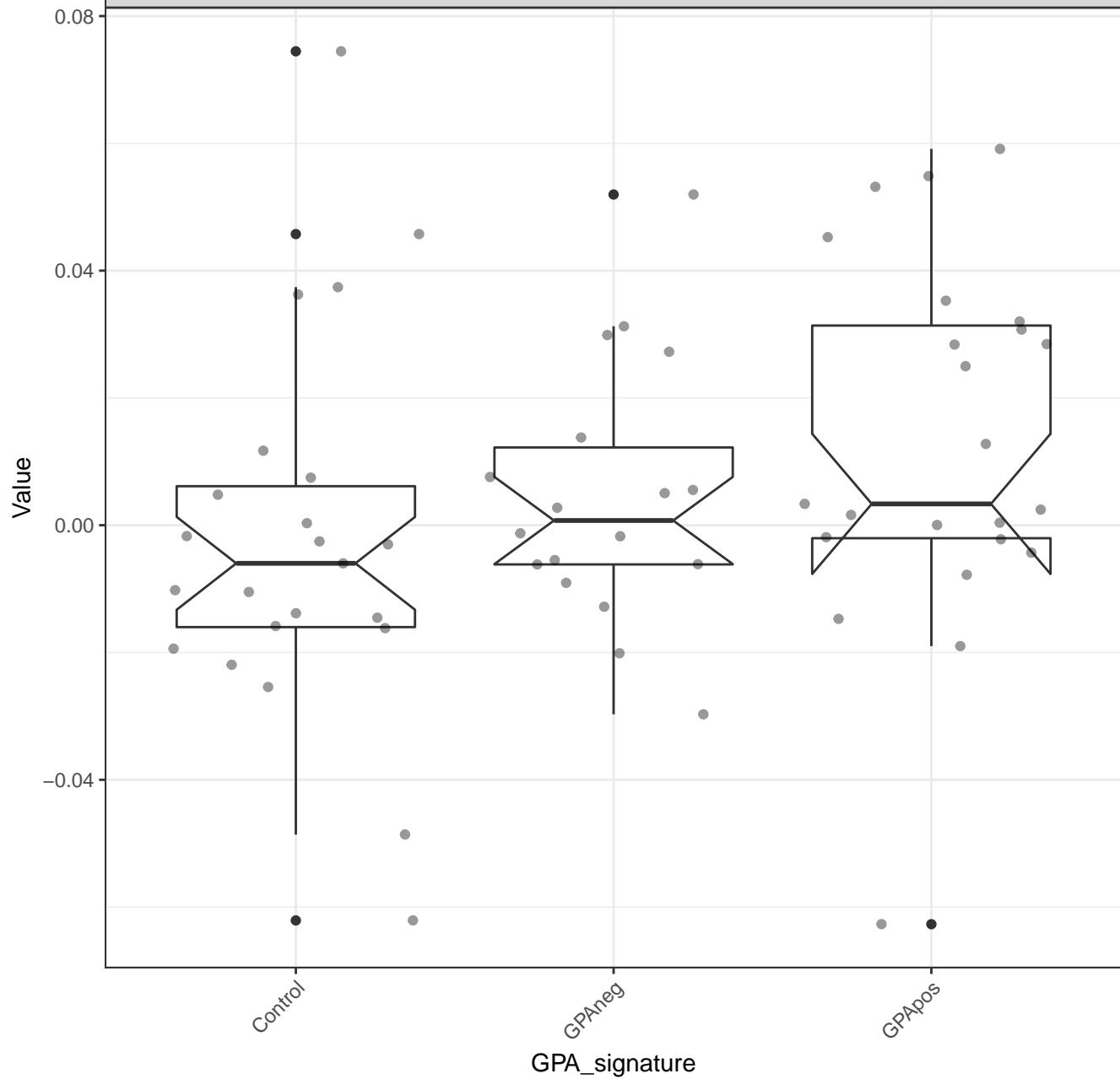
LV 836



LV 837



LV 838



Value

0.00

-0.02

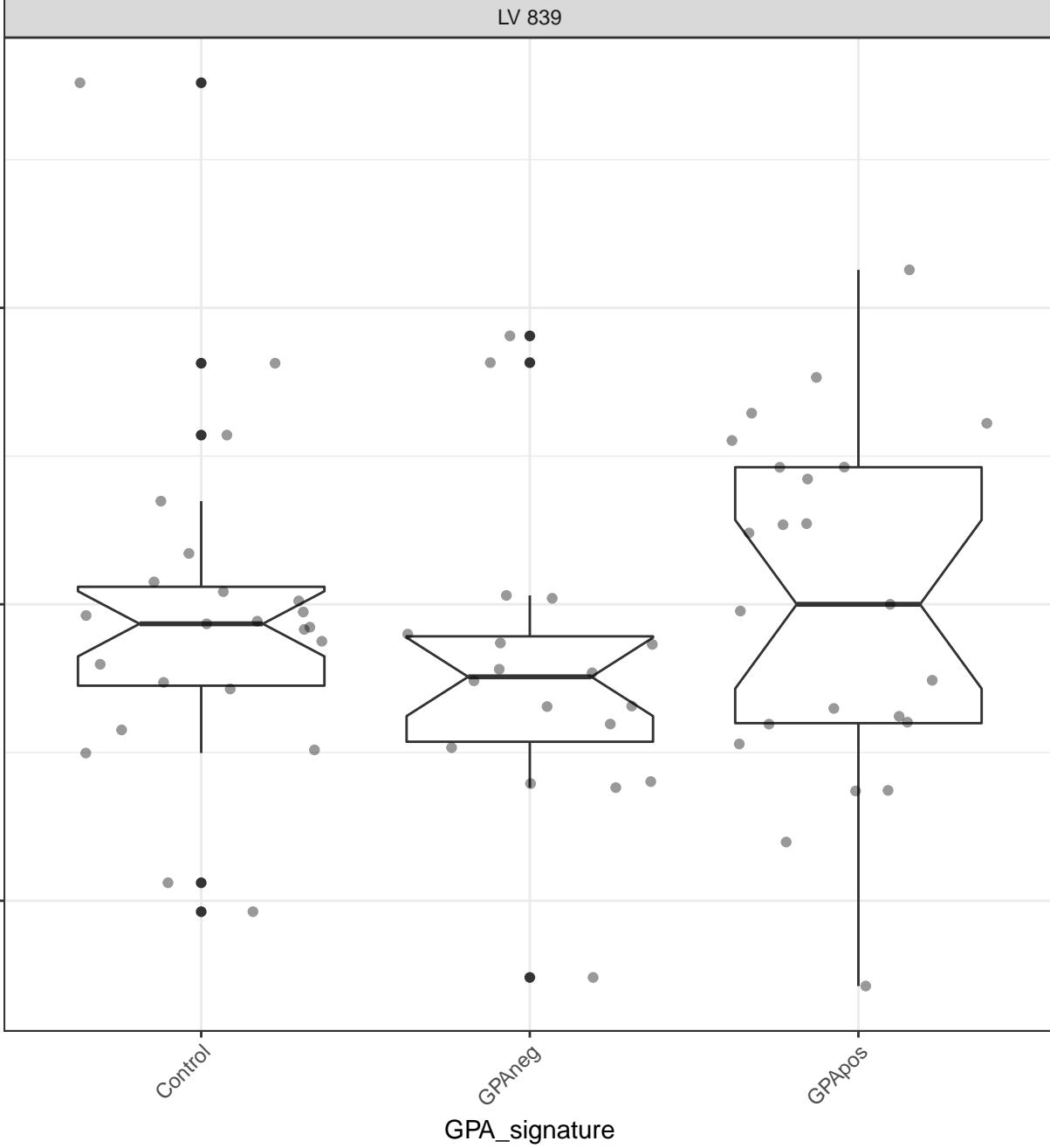
-0.04

Control

GPA_signature

GPAneg

GPAPos



840,MIPS_39S_RIBOSOMAL_SUBUNIT_MITOCHONDRIAL

Value

0.4

0.3

0.2

0.1

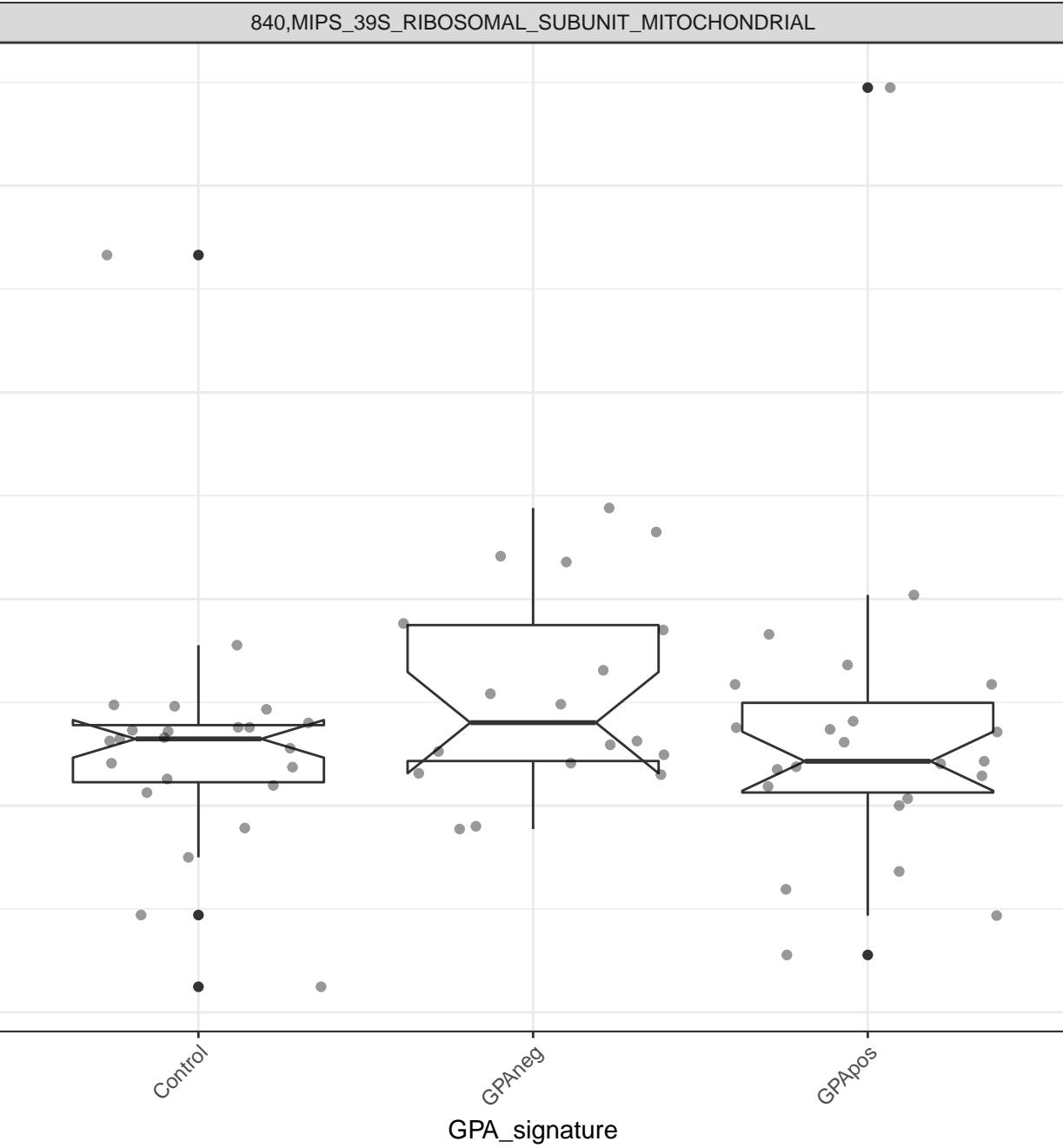
0.0

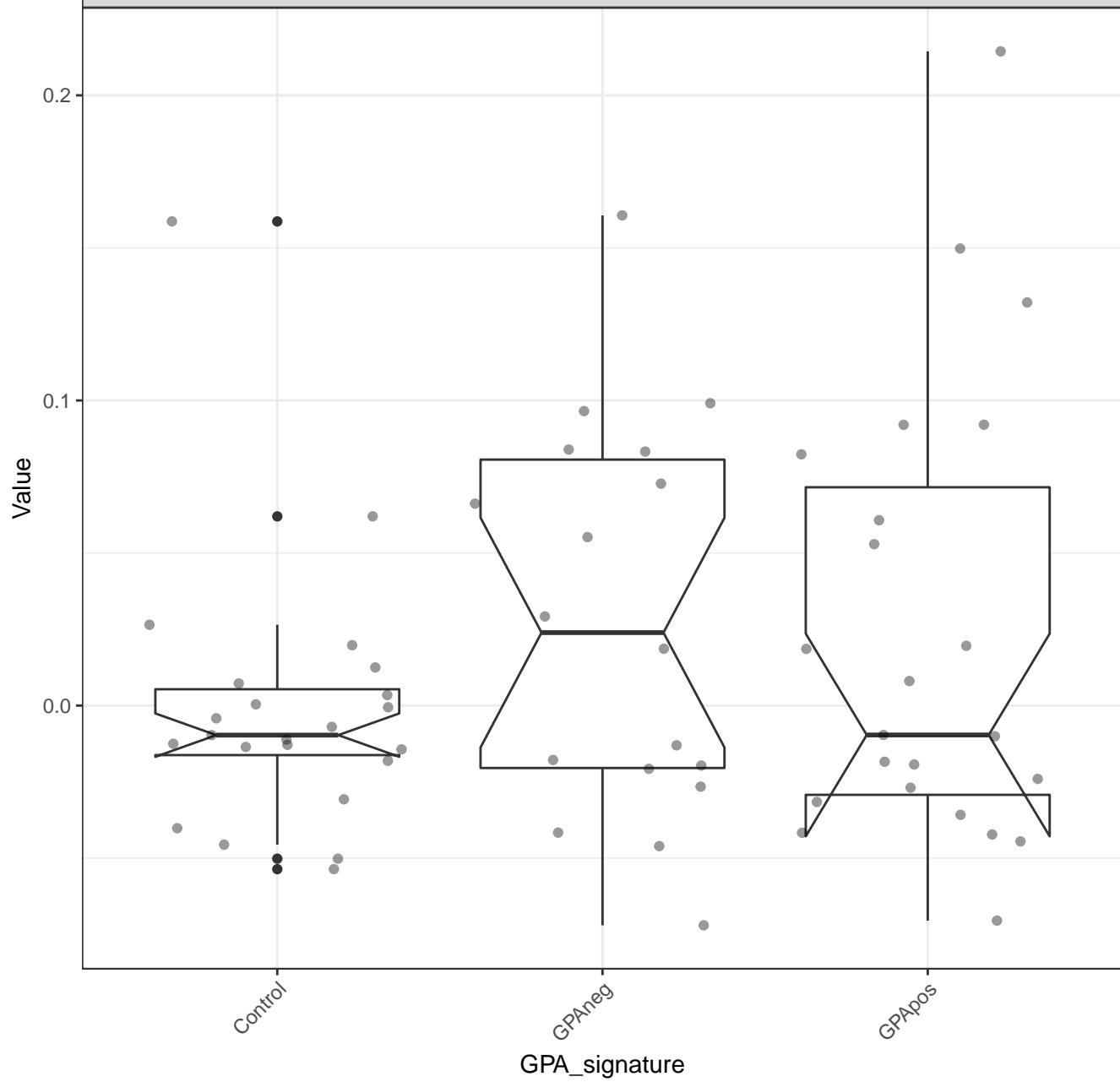
Control

GPA_neg

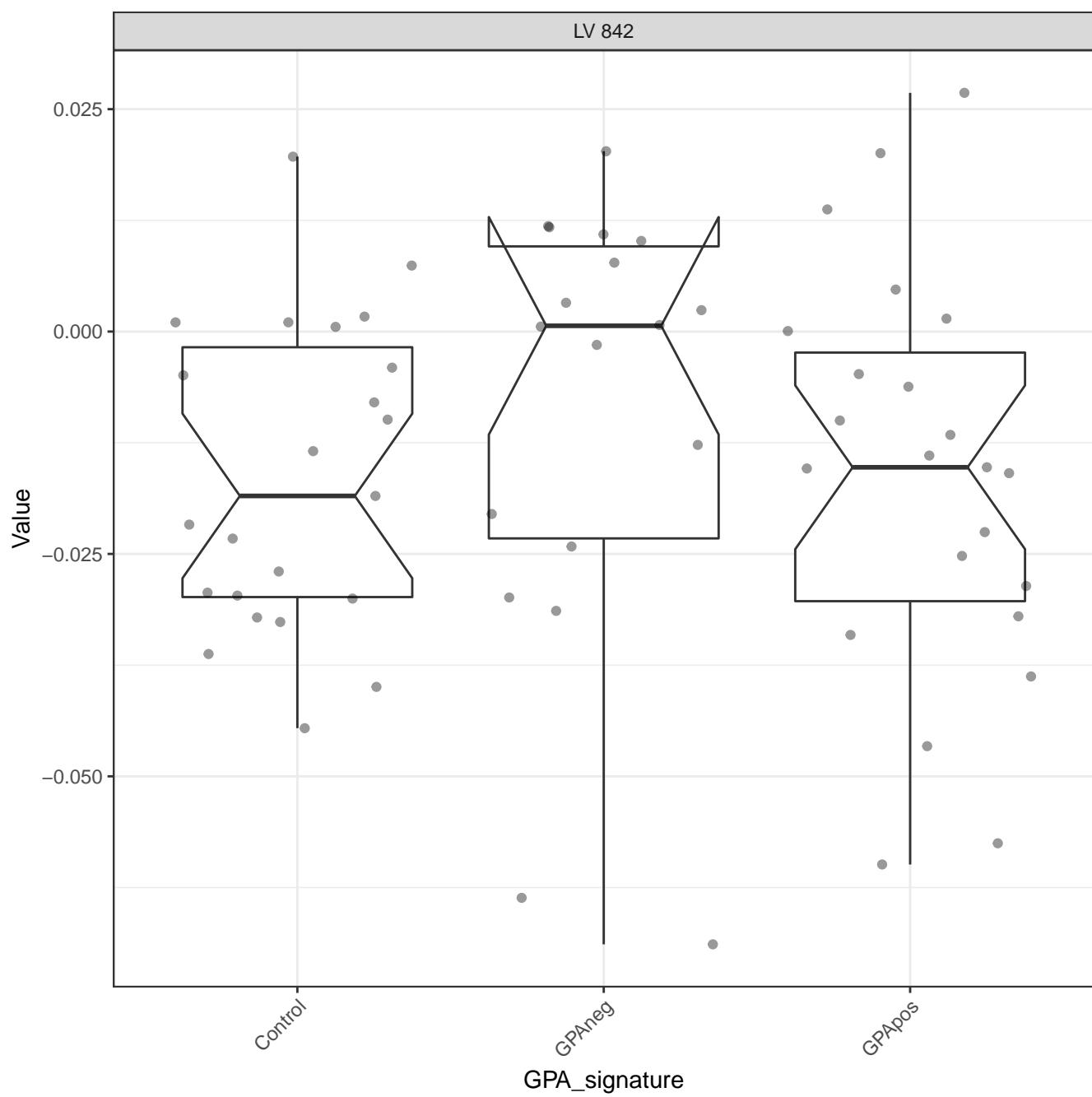
GPA_pos

GPA_signature





LV 842



Value

0.05

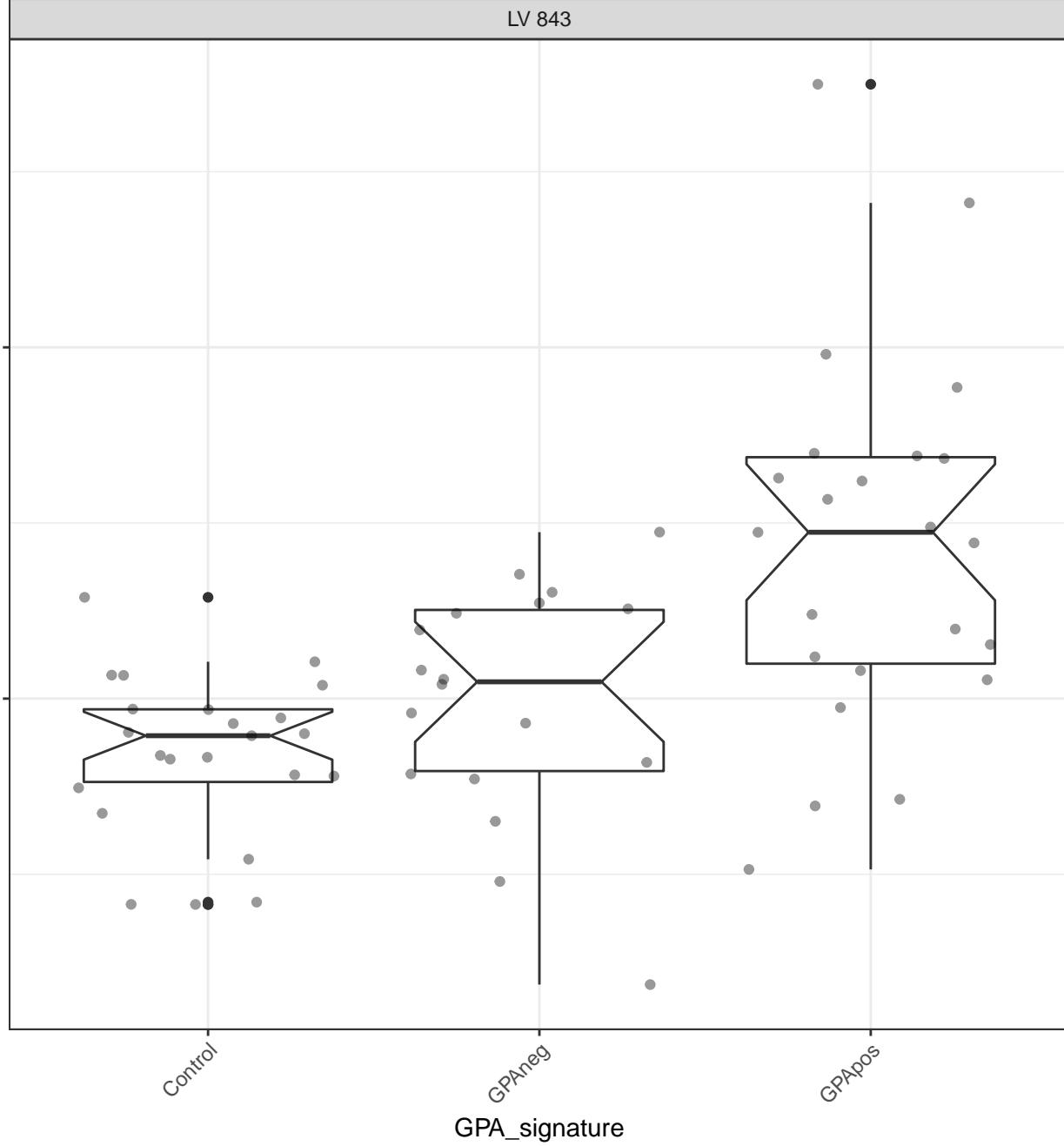
0.00

Control

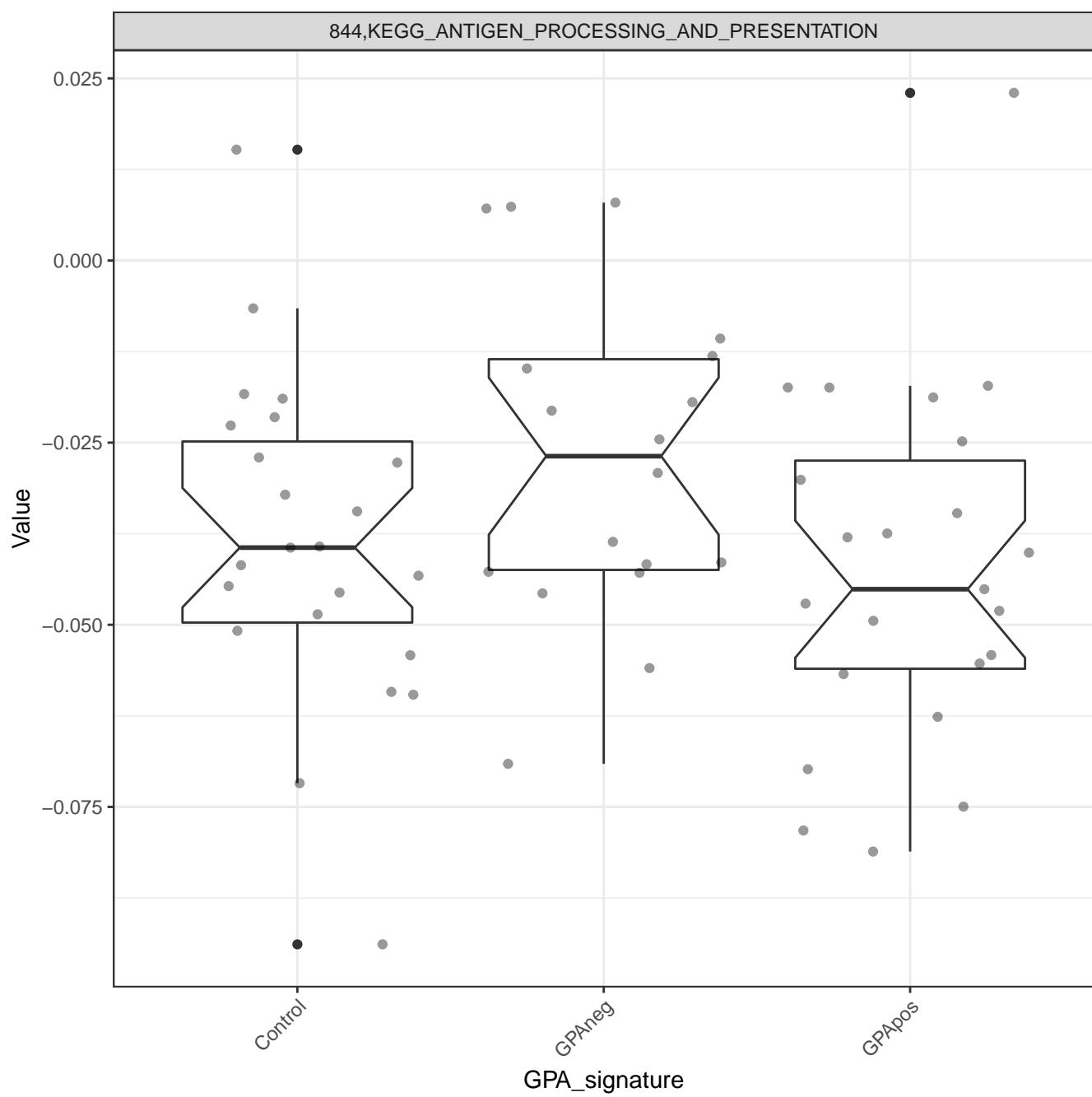
GPA_signature

GPAneg

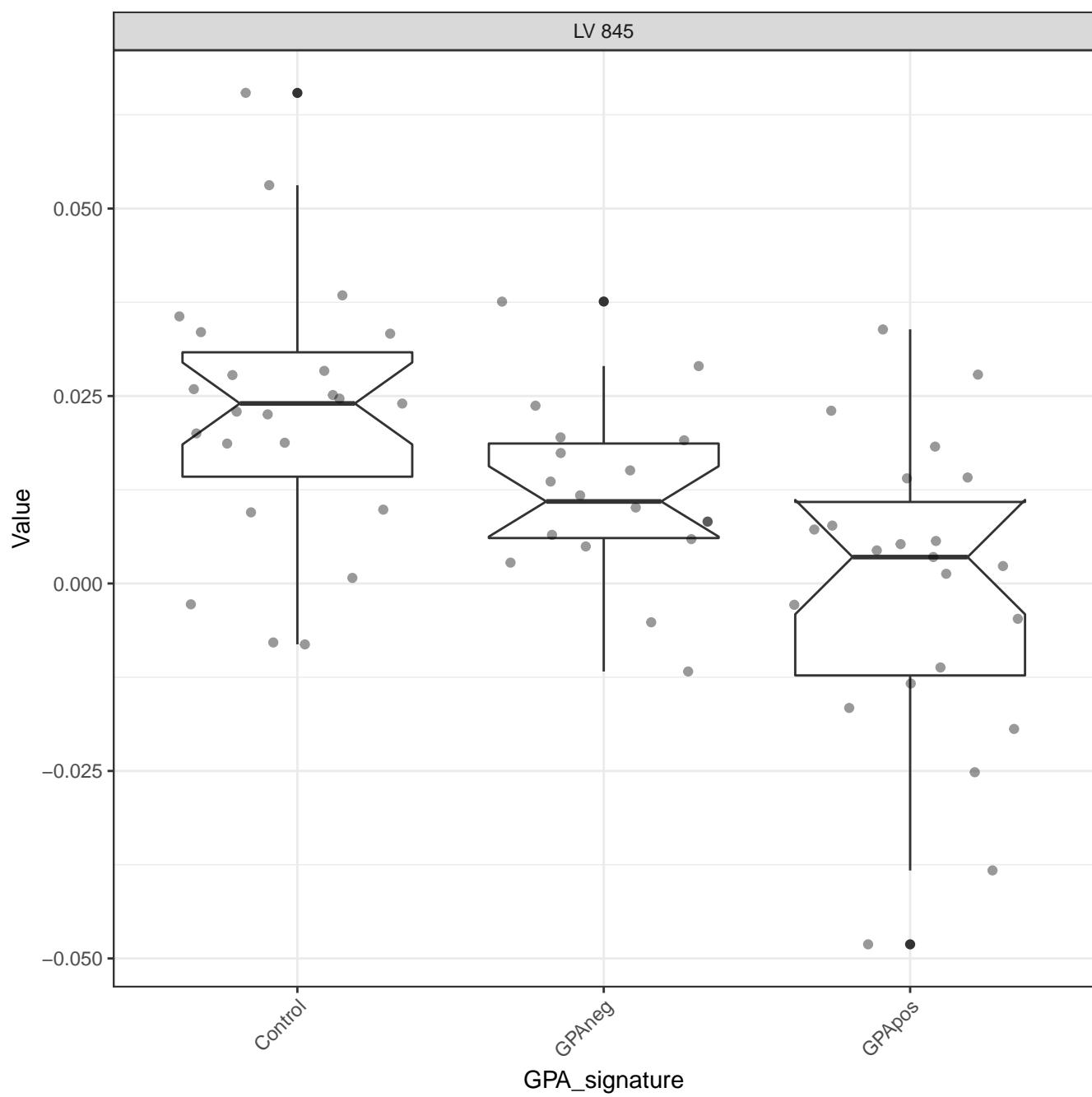
GPAPos



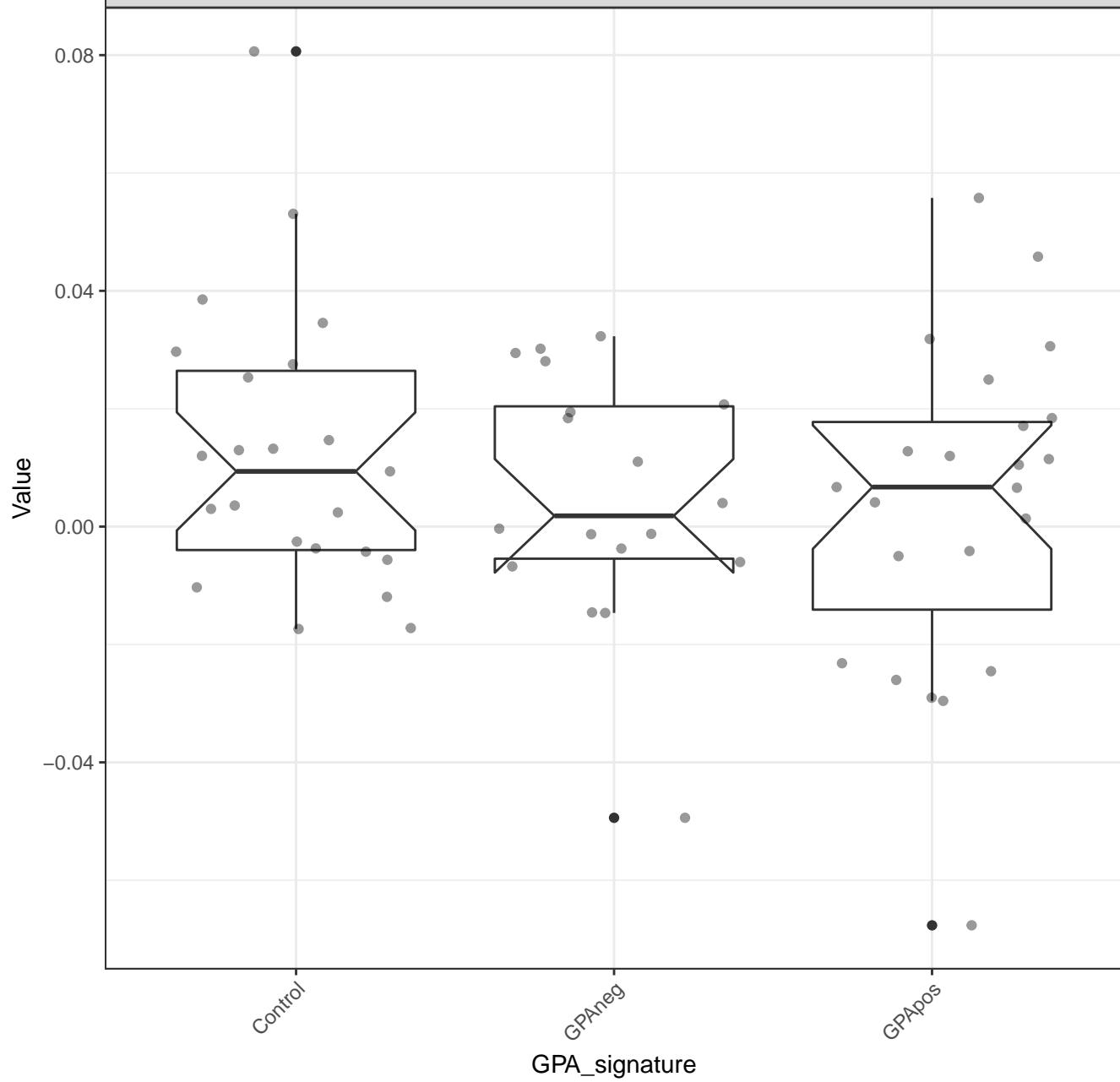
844,KEGG_ANTIGEN_PROCESSING_AND_PRESENTATION



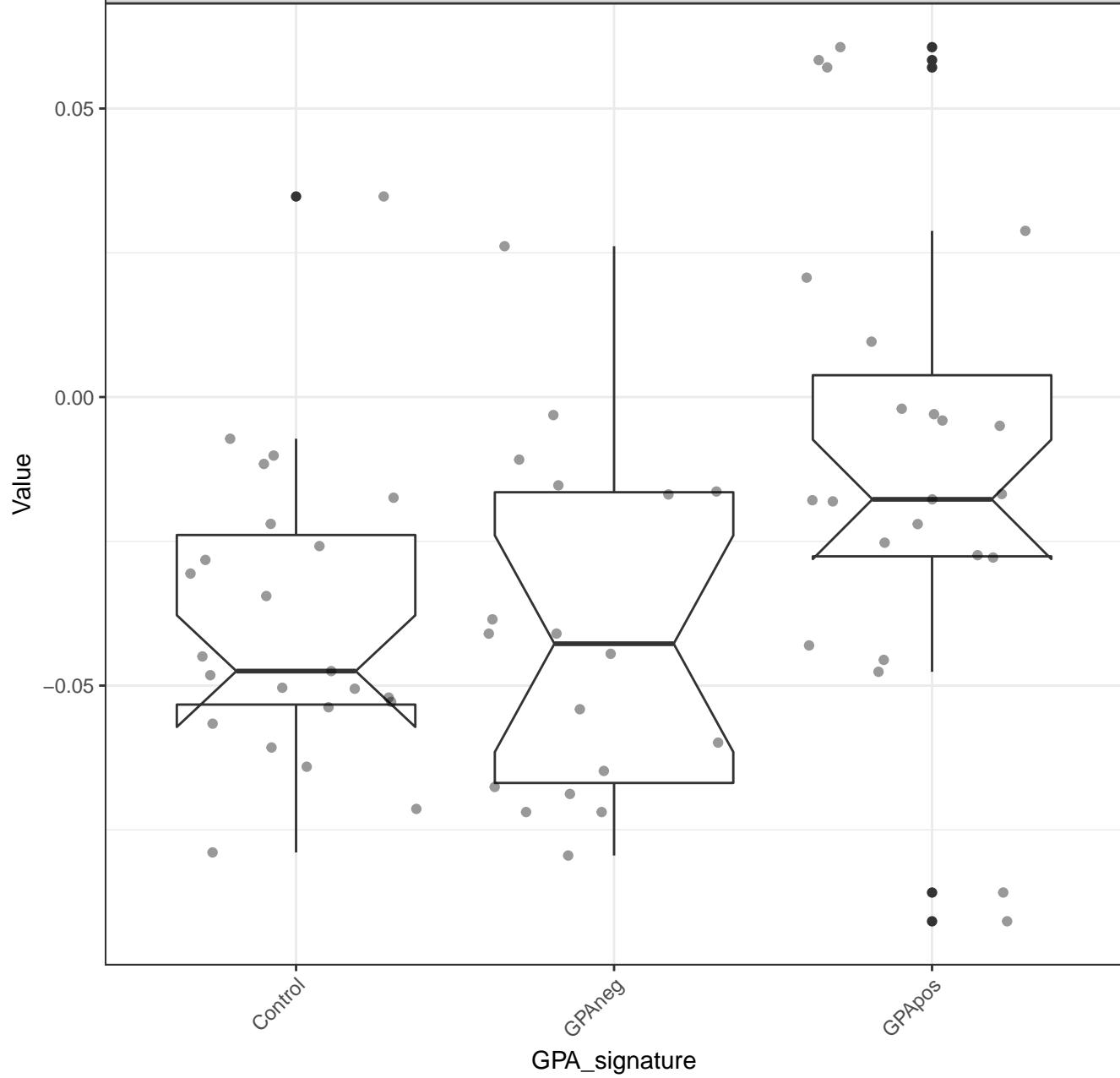
LV 845



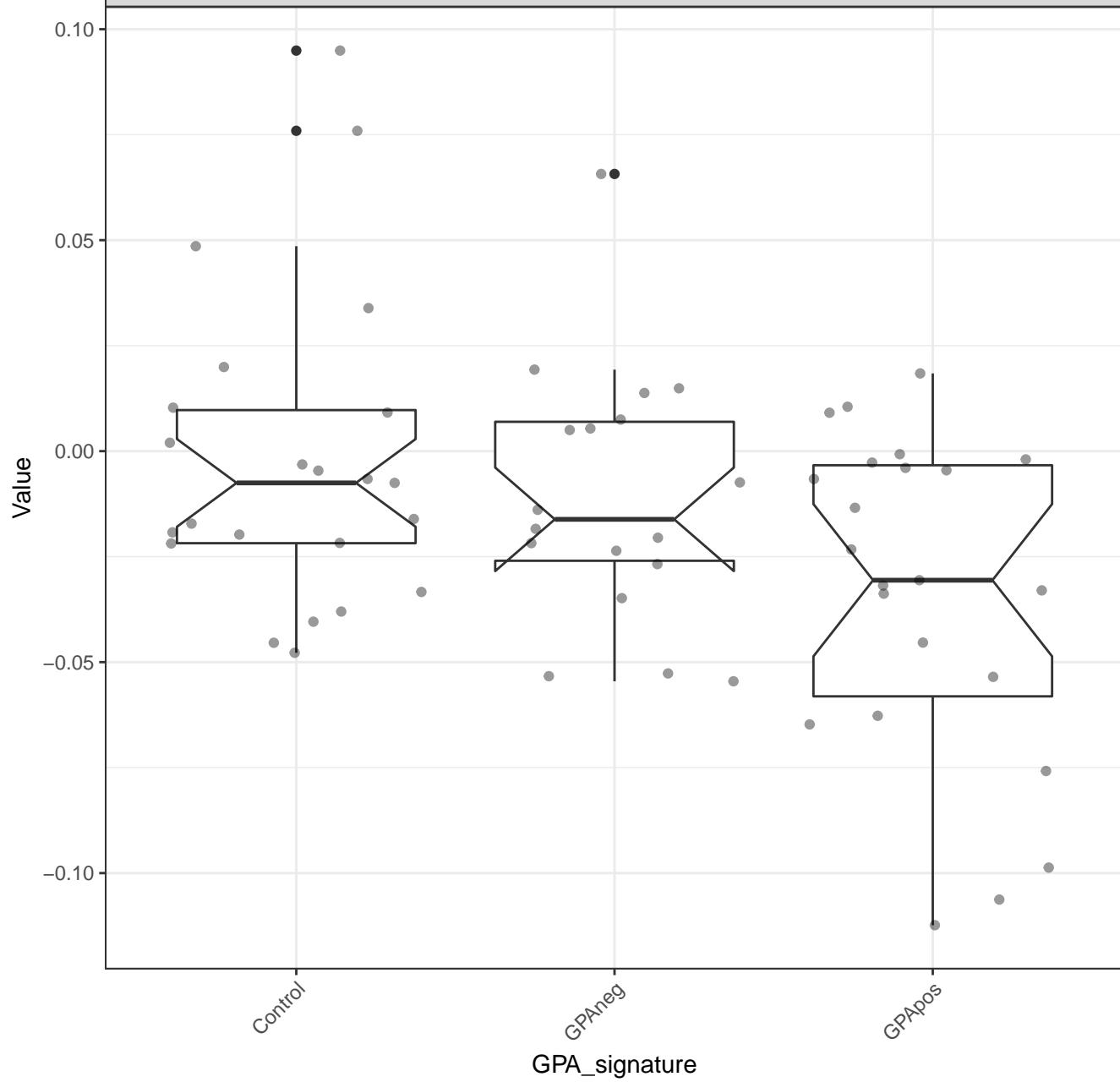
LV 846



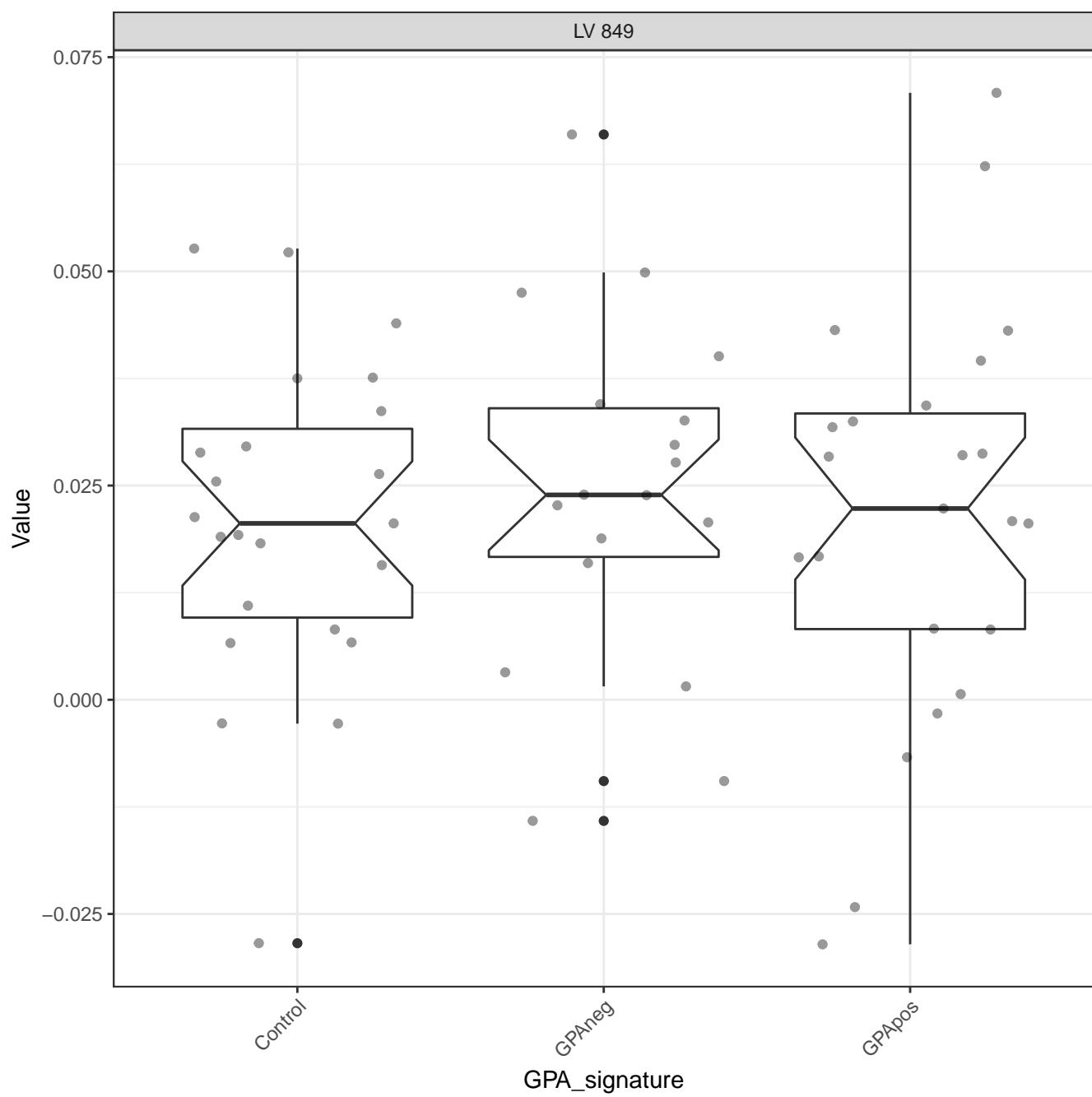
847,REACTOME_AMYLOIDS



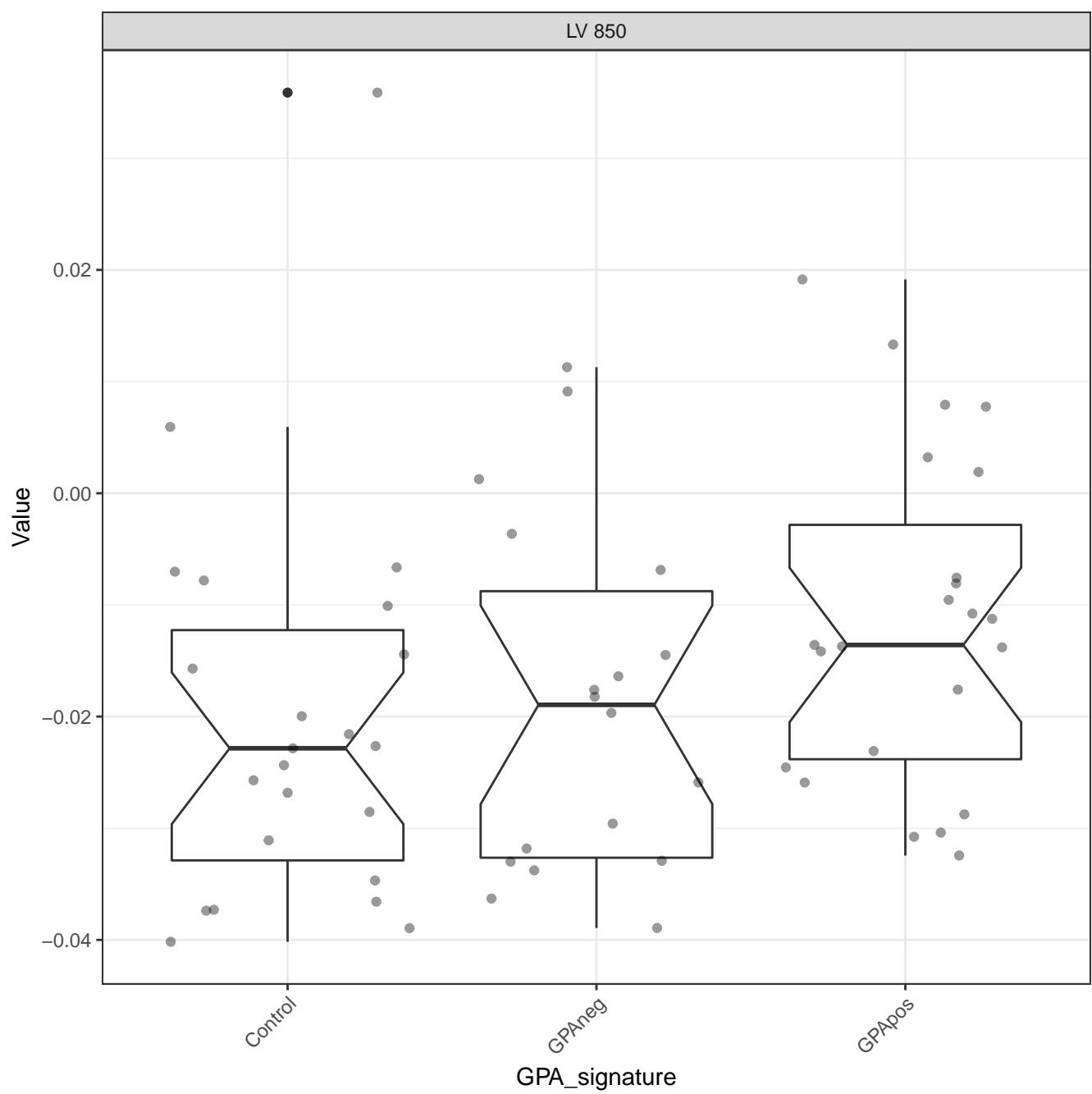
848,REACTOME_GENERIC_TRANSSCRIPTION_PATHWAY



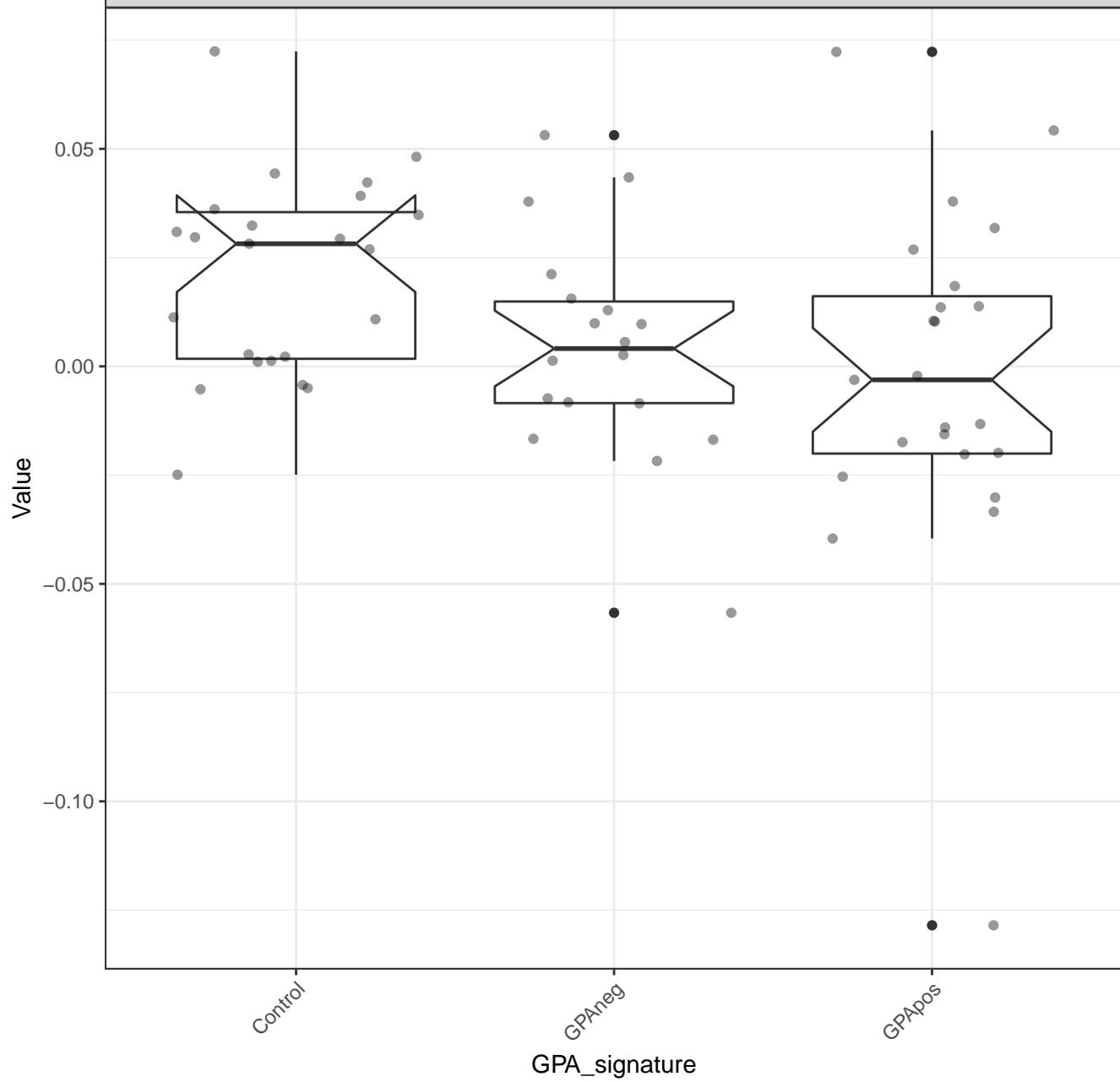
LV 849



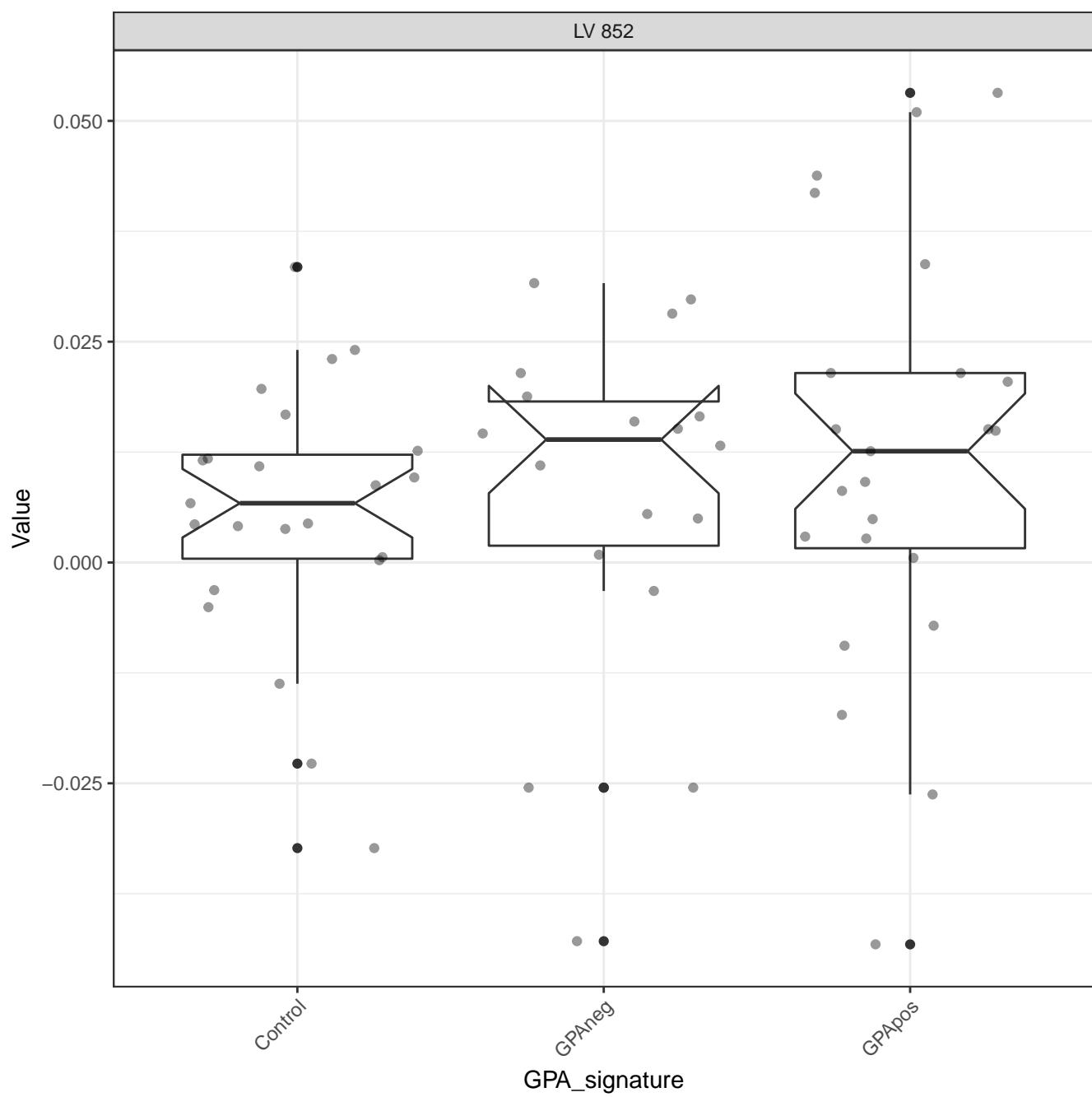
LV 850



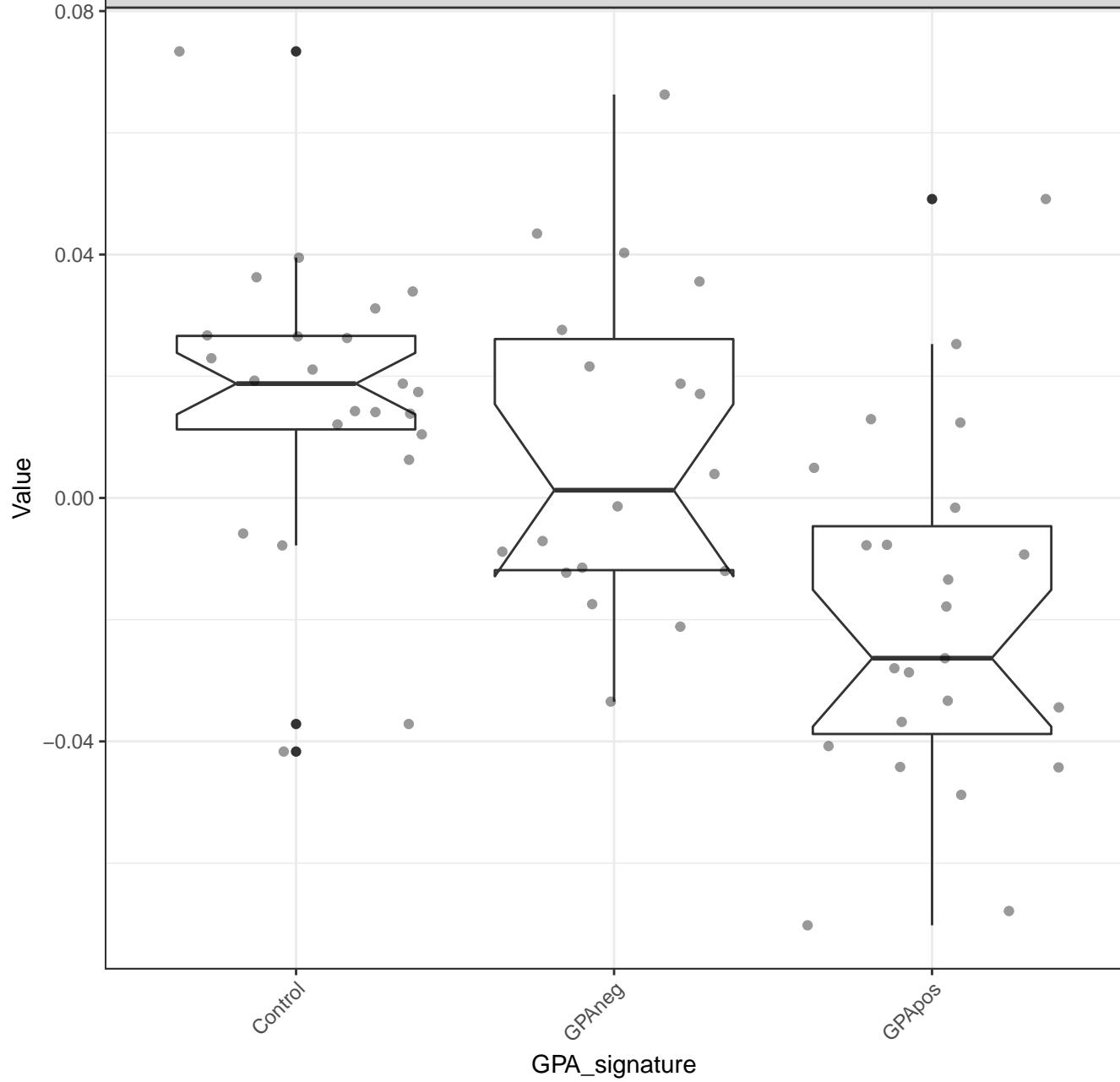
LV 851



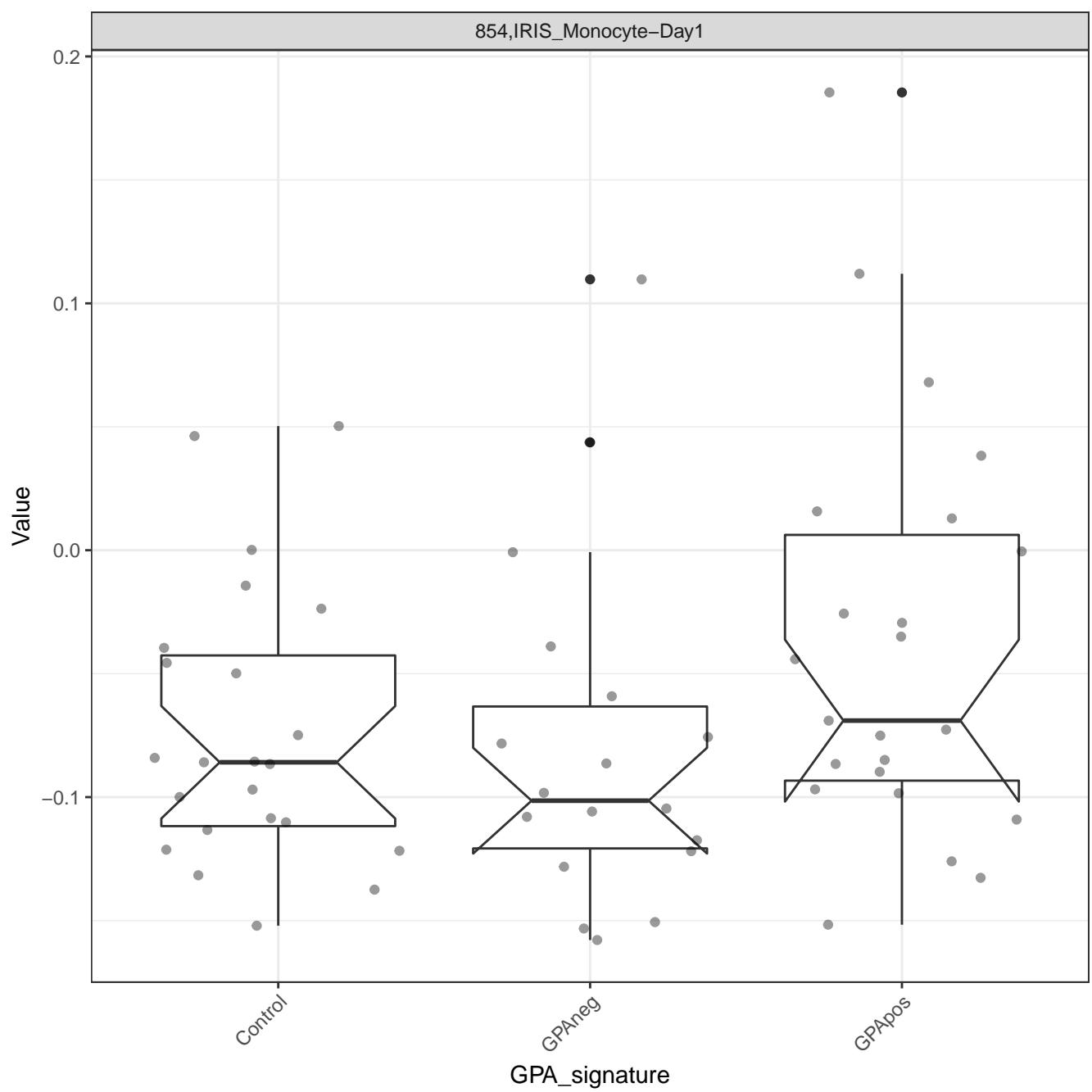
LV 852



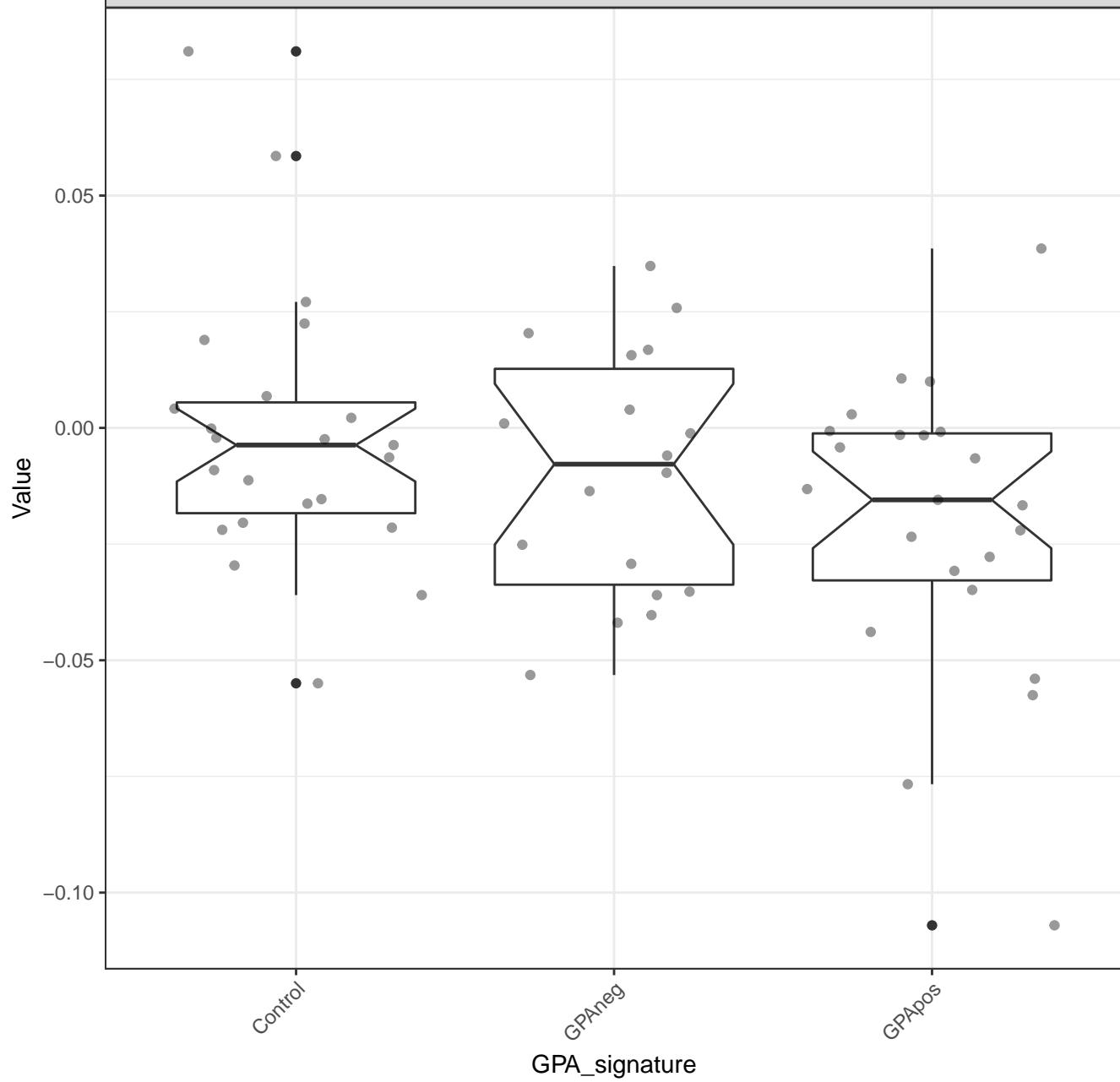
LV 853



854,IRIS_Monocyte–Day1

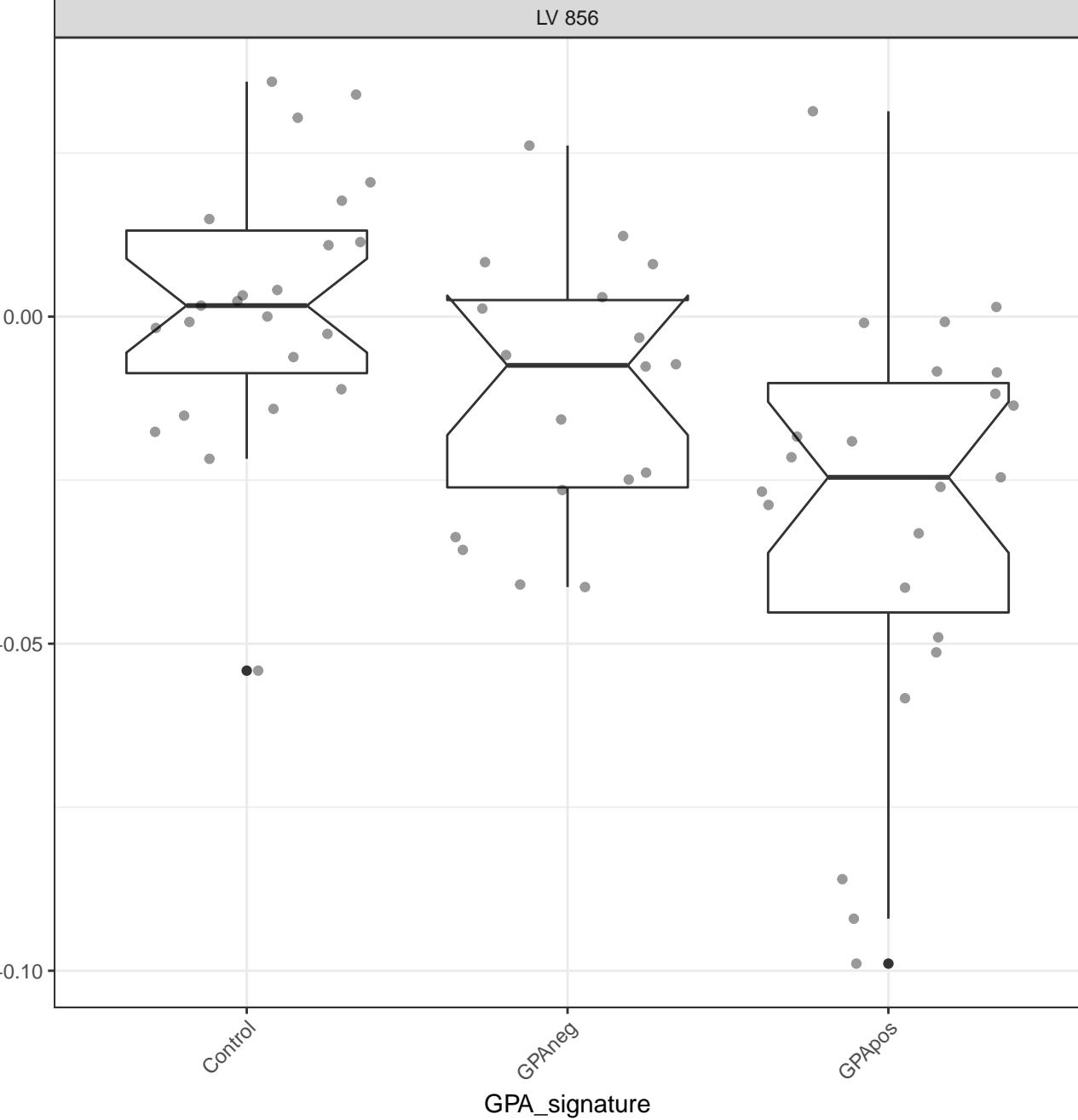


LV 855



LV 856

Value



LV 857

Value

0.05

0.00

-0.05

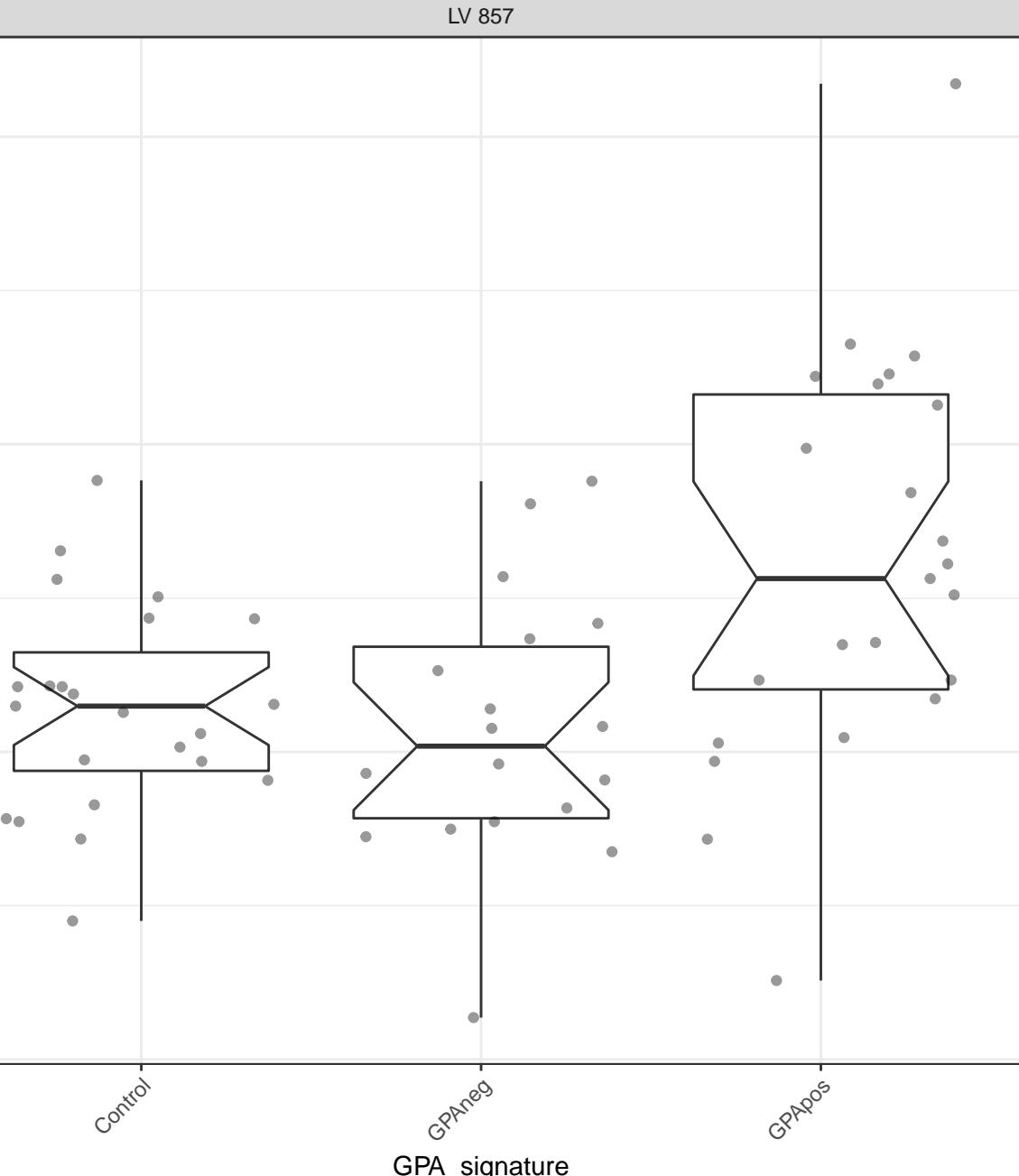
-0.10

Control

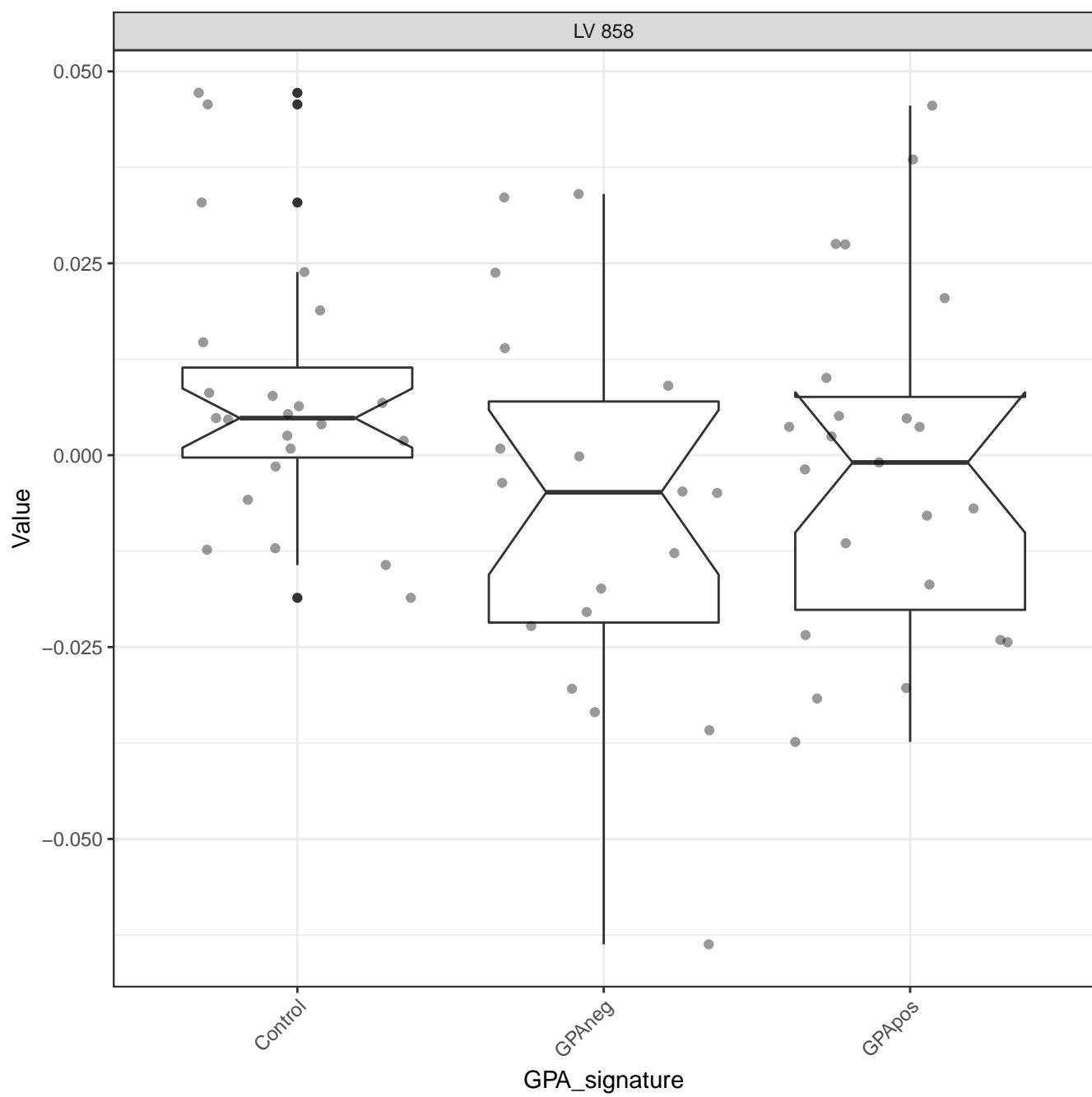
GPAneg

GPAPos

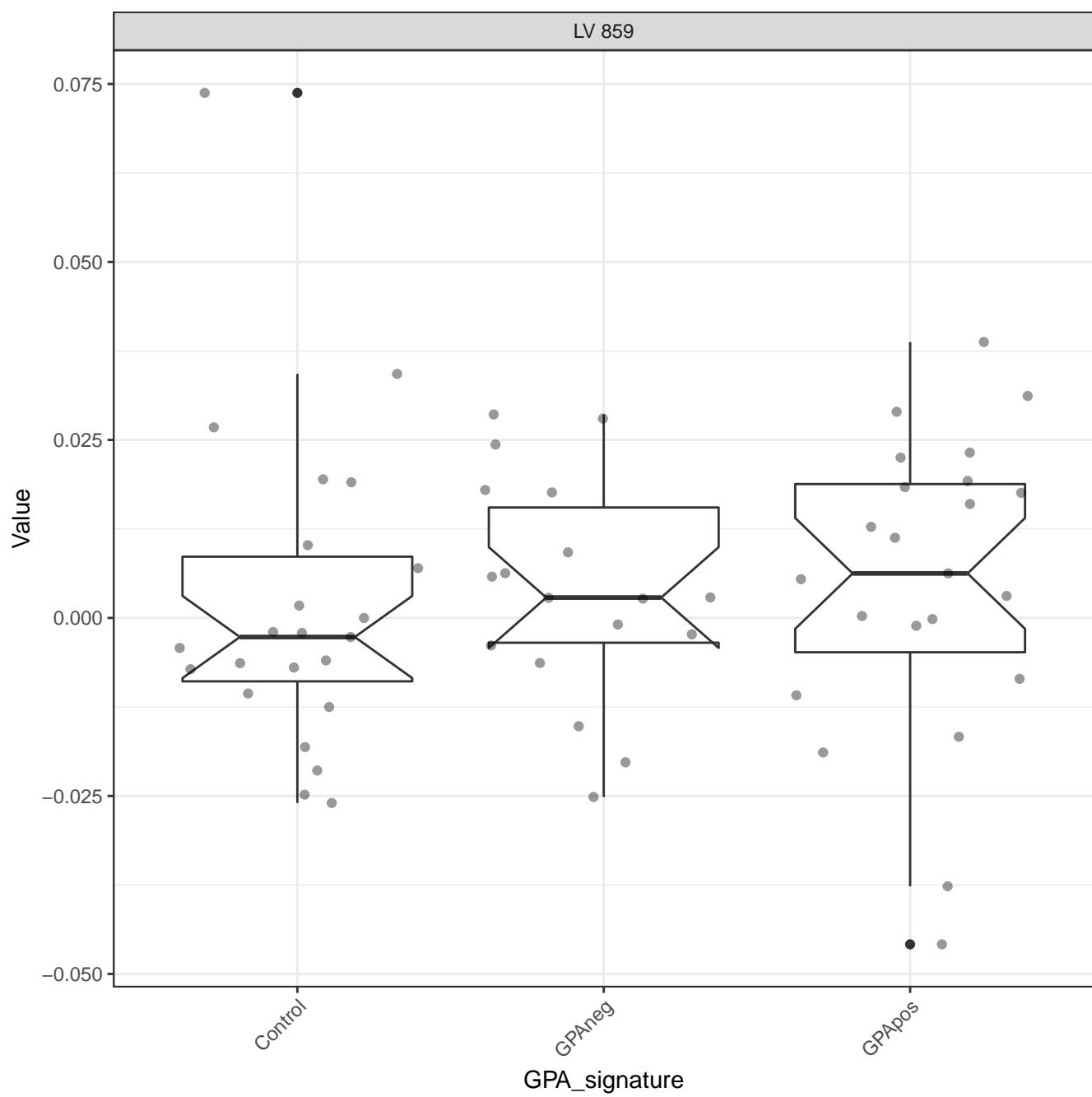
GPA_signature



LV 858



LV 859



LV 860

Value

0.075

0.050

0.025

0.000

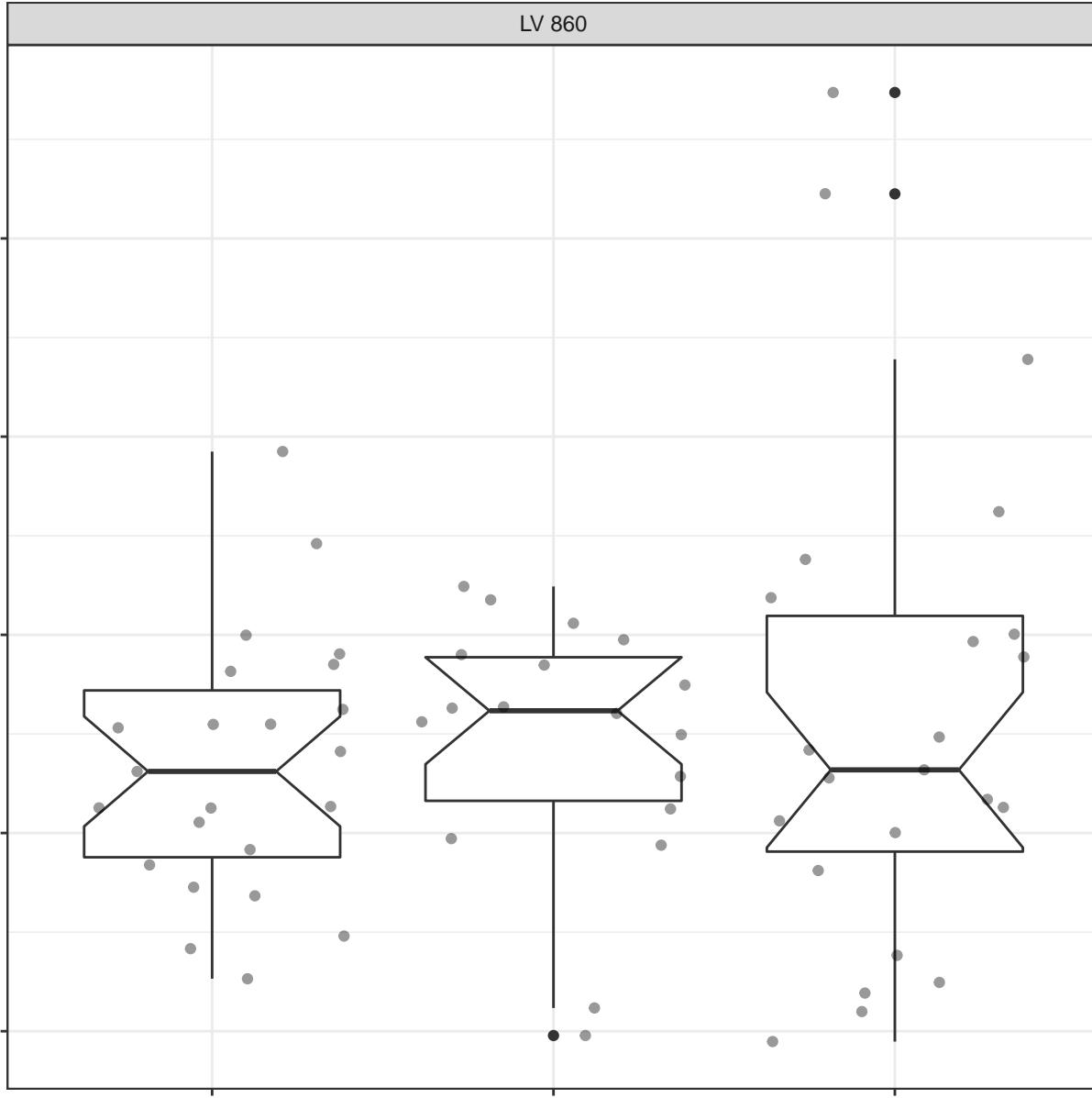
-0.025

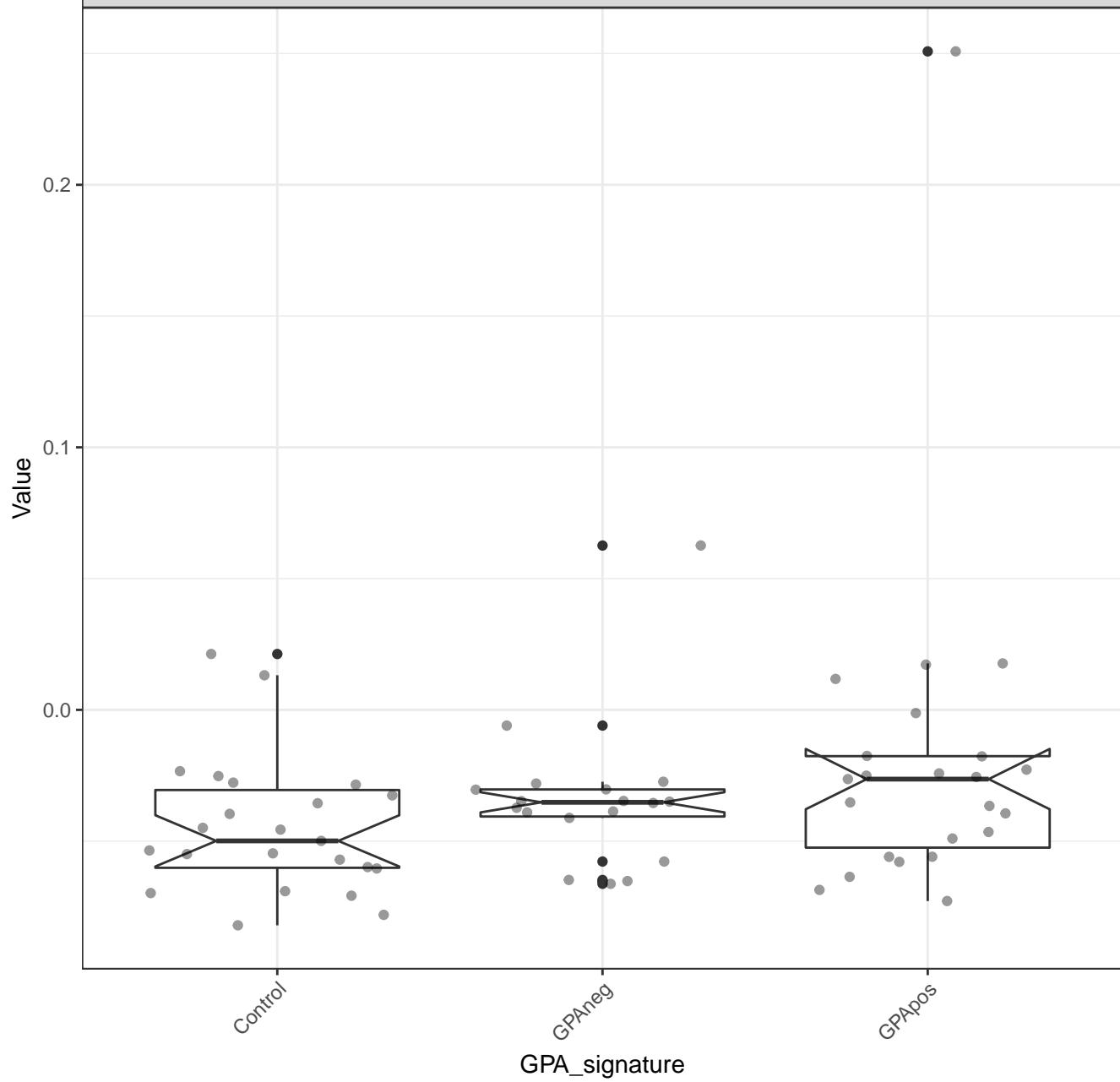
Control

GPA_signature

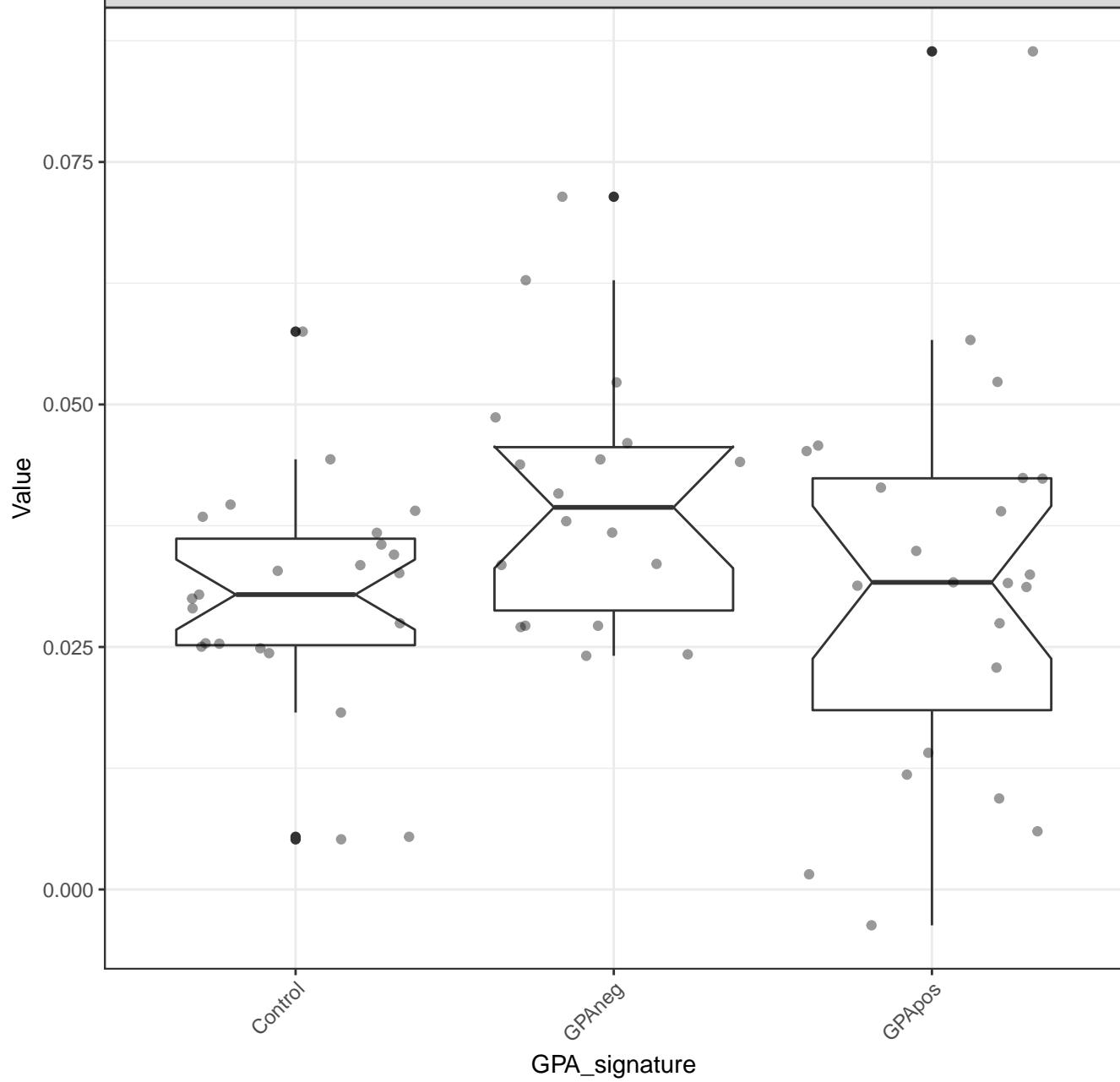
GPAneg

GPAPos





LV 862



LV 863

Value

0.00

-0.04

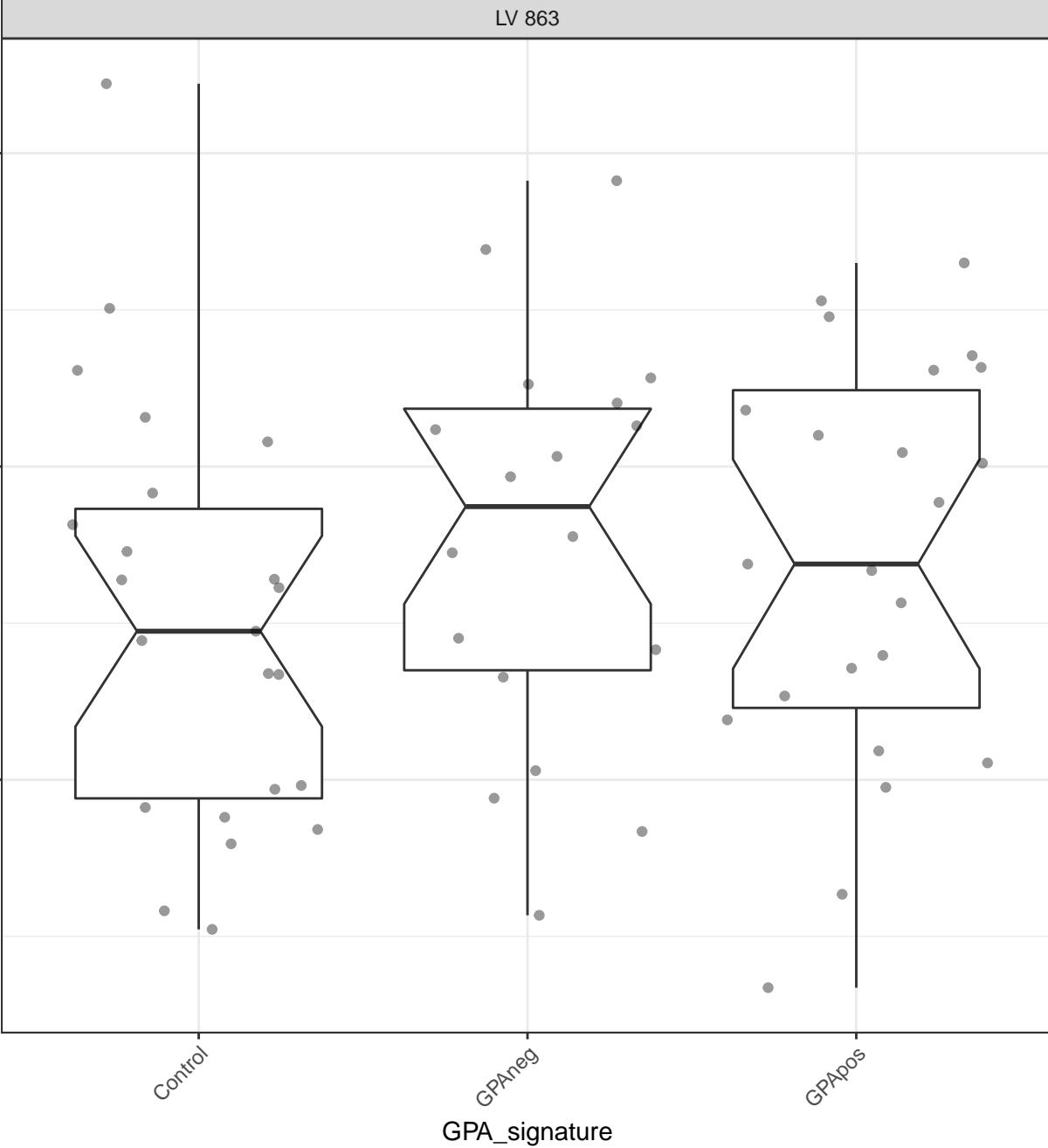
-0.08

Control

GPAneg

GPAPos

GPA_signature



LV 864

Value

0.050

0.025

0.000

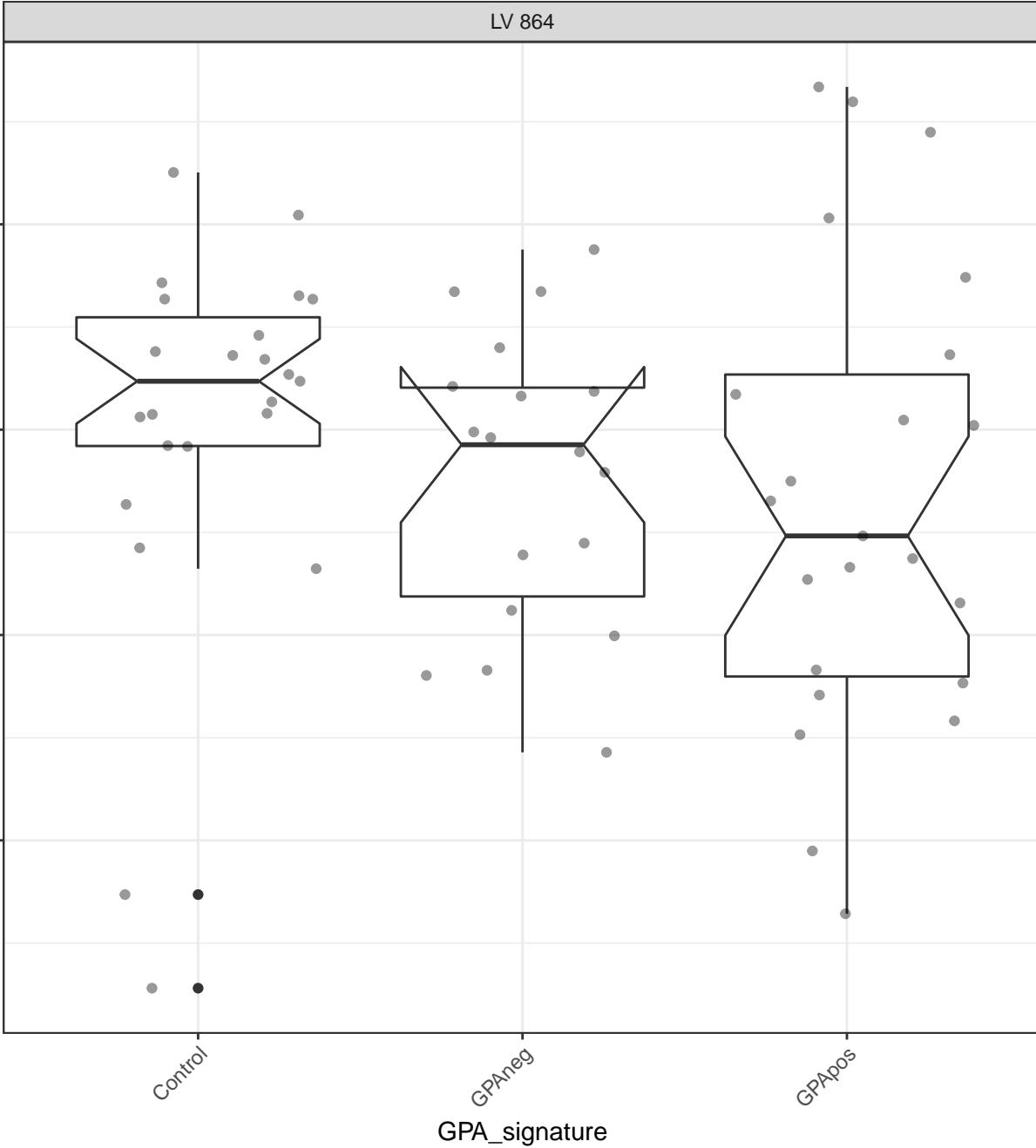
-0.025

Control

GPAneg

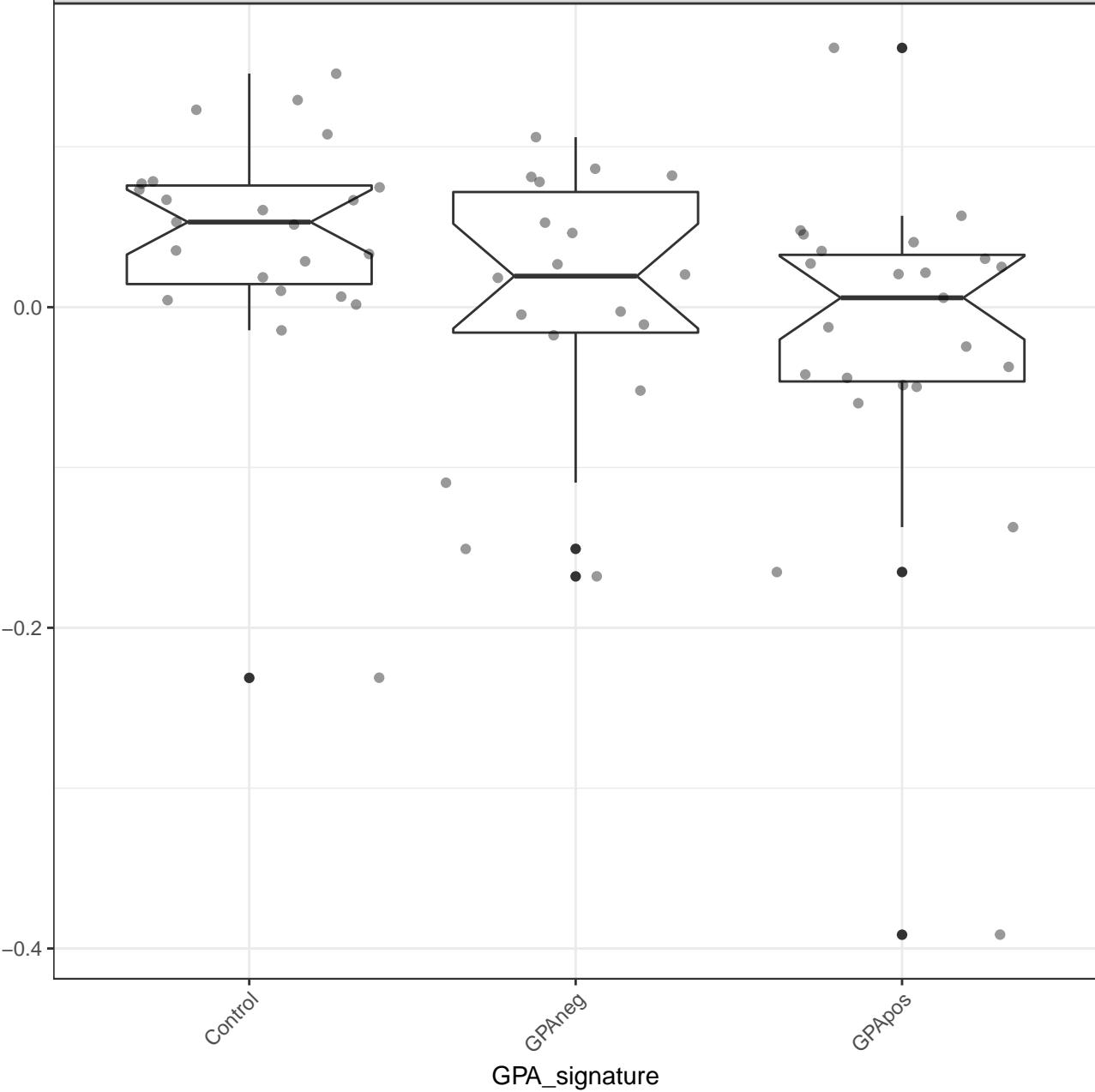
GPAPos

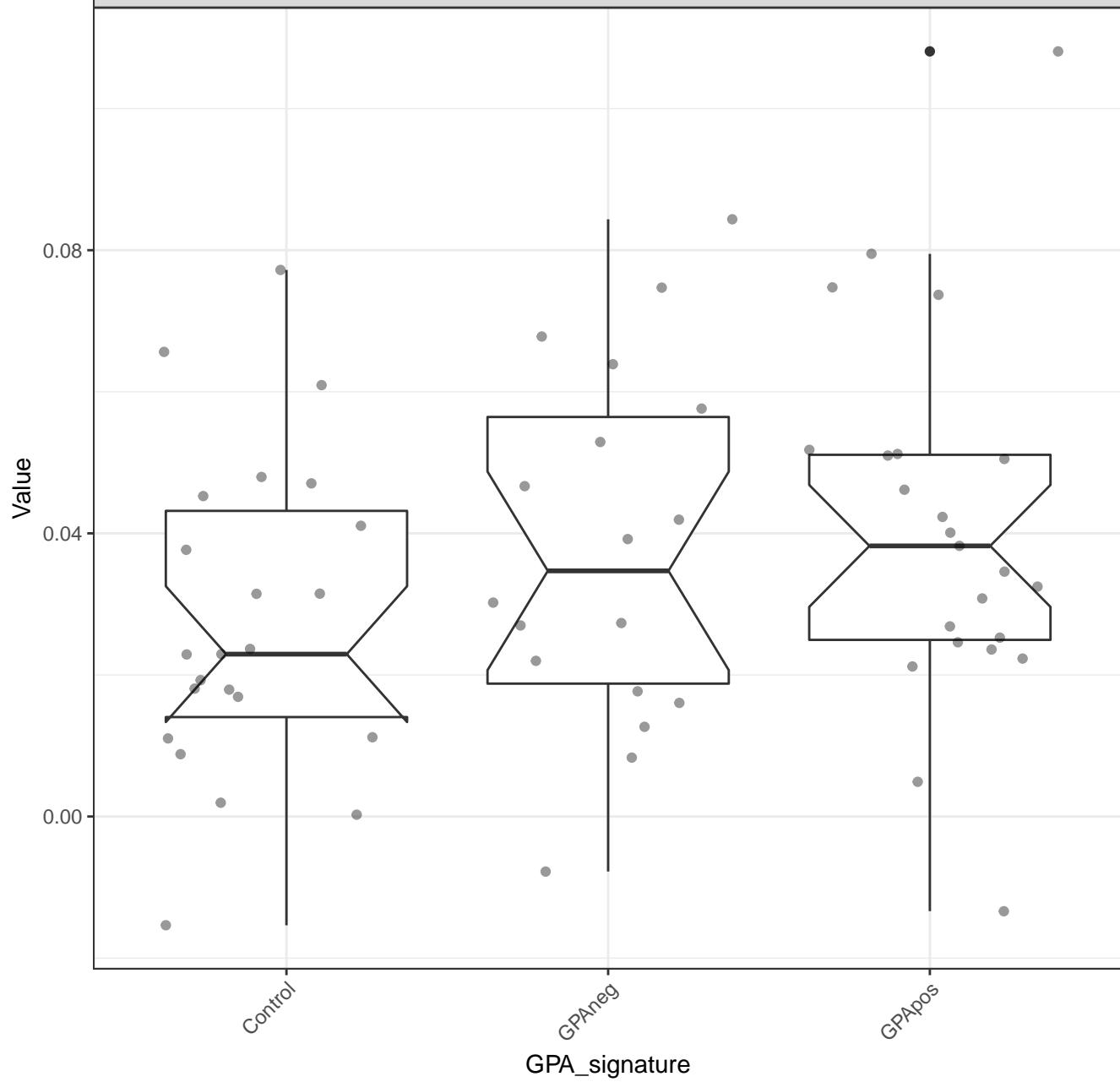
GPA_signature

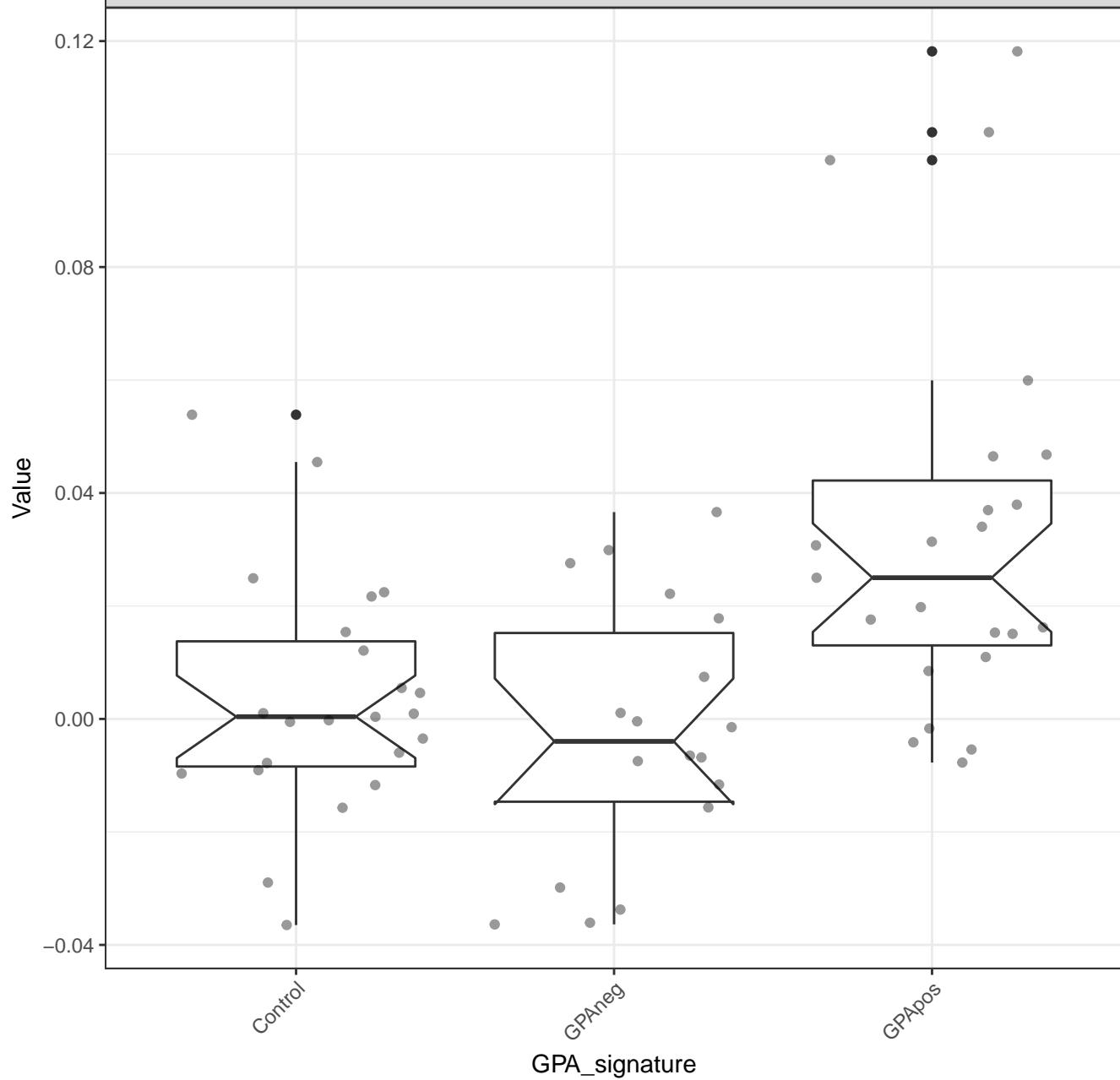


865,PID_FANCONI_PATHWAY

Value







LV 868

Value

0.050

0.025

0.000

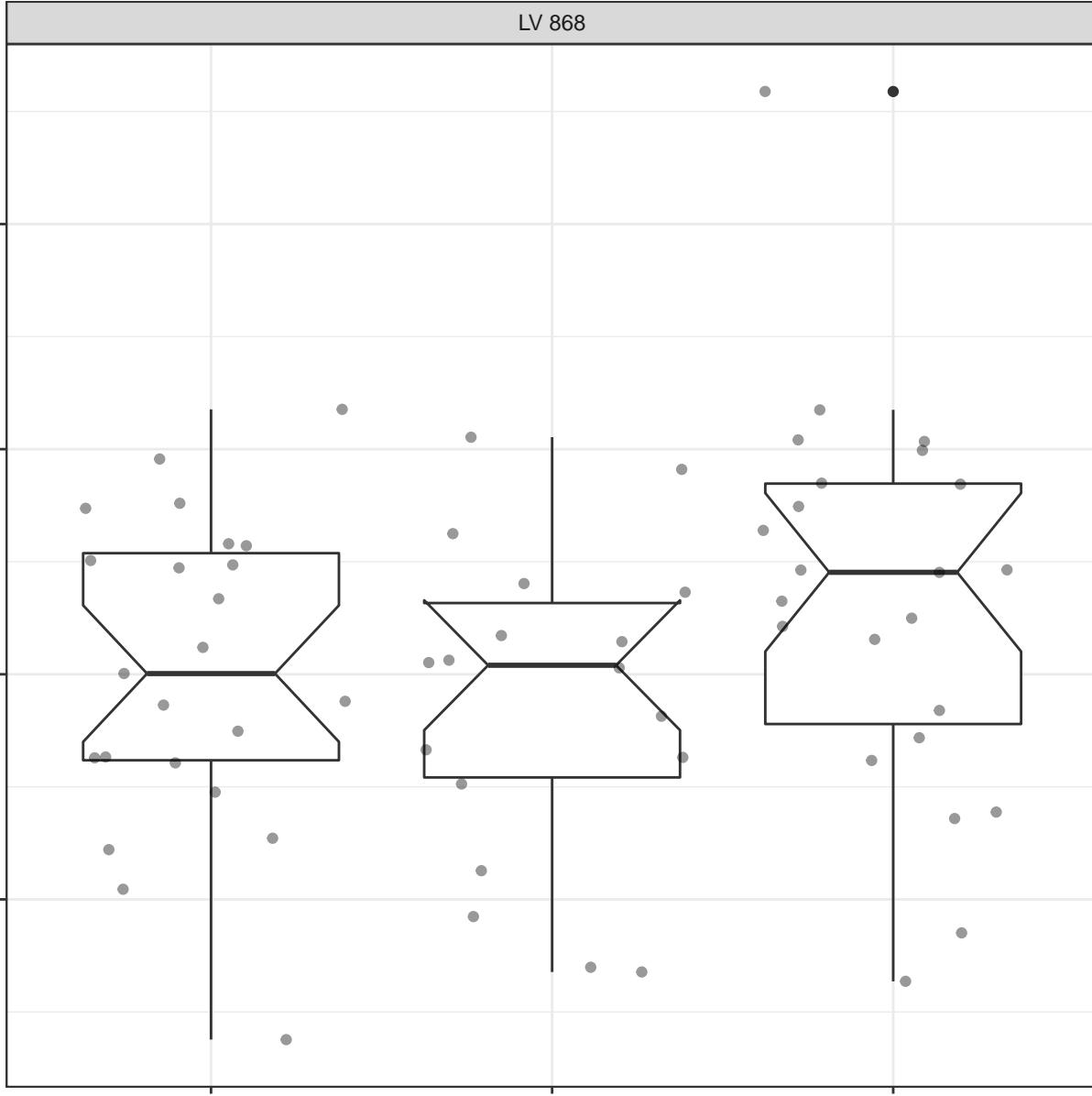
-0.025

Control

GPA_signature

GPAneg

GPAPos



LV 869

Value

0.025

0.000

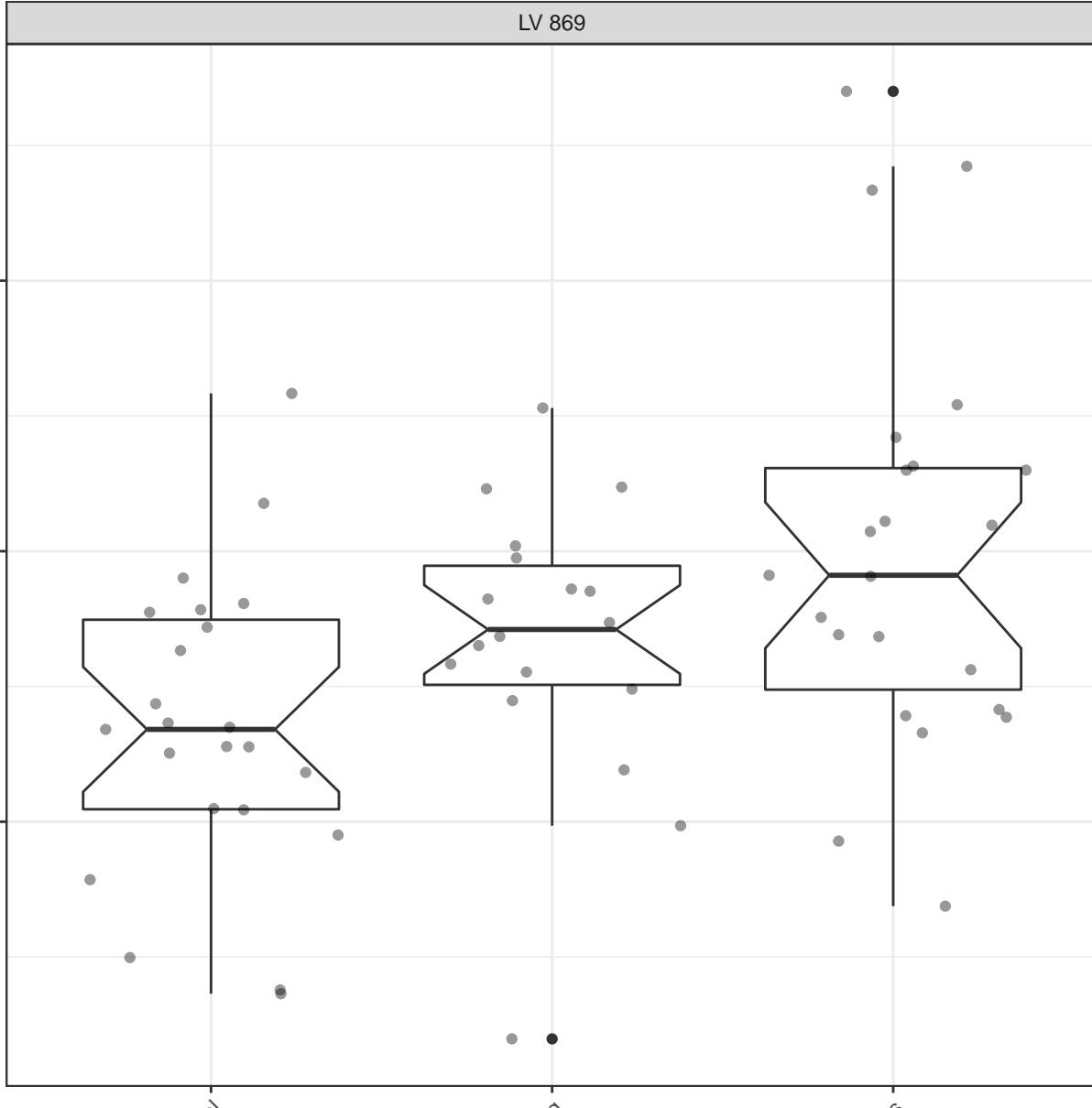
-0.025

Control

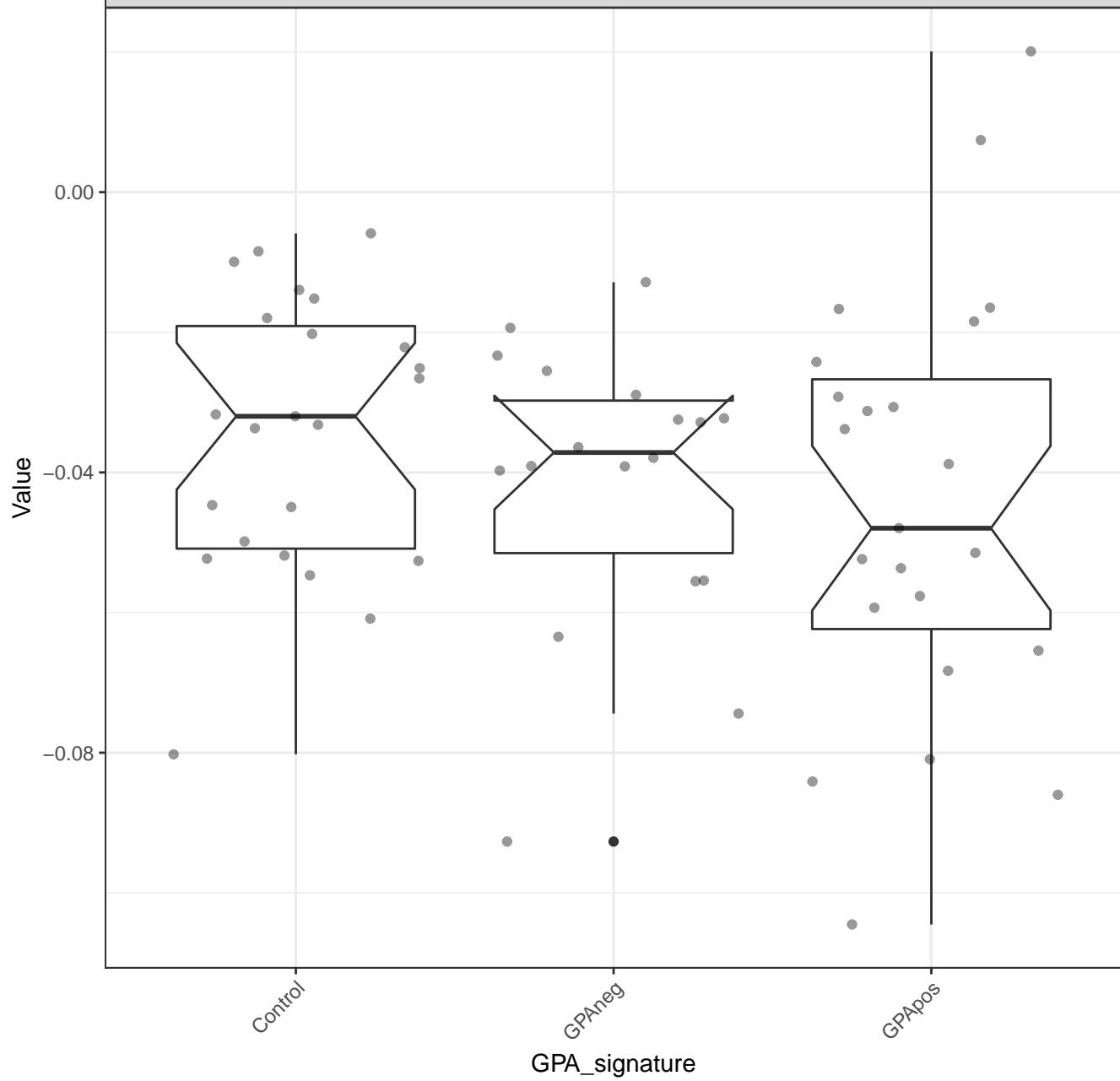
GPA_signature

GPAneg

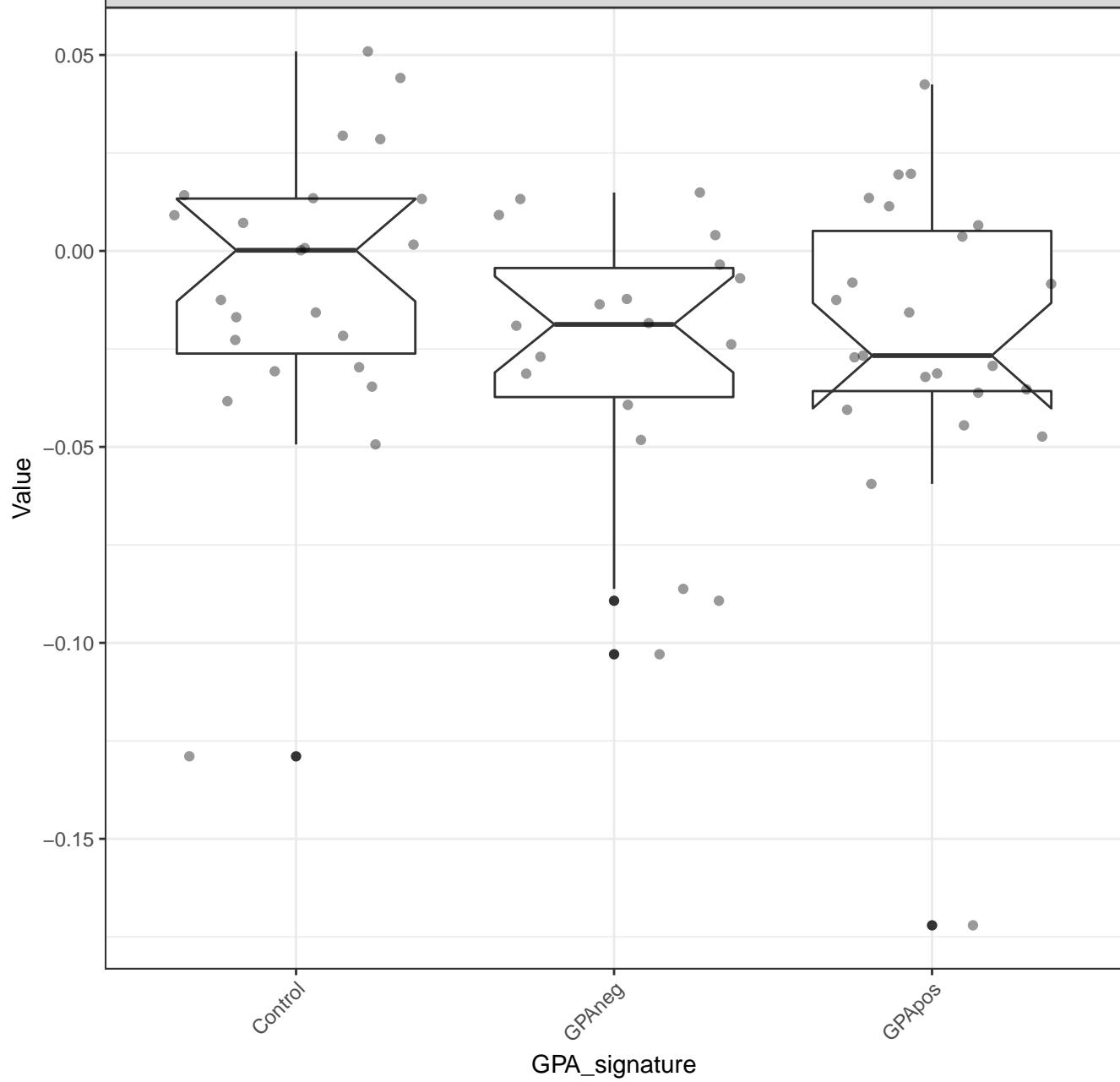
GPApos



LV 870



LV 871



LV 872

Value

0.04

0.02

0.00

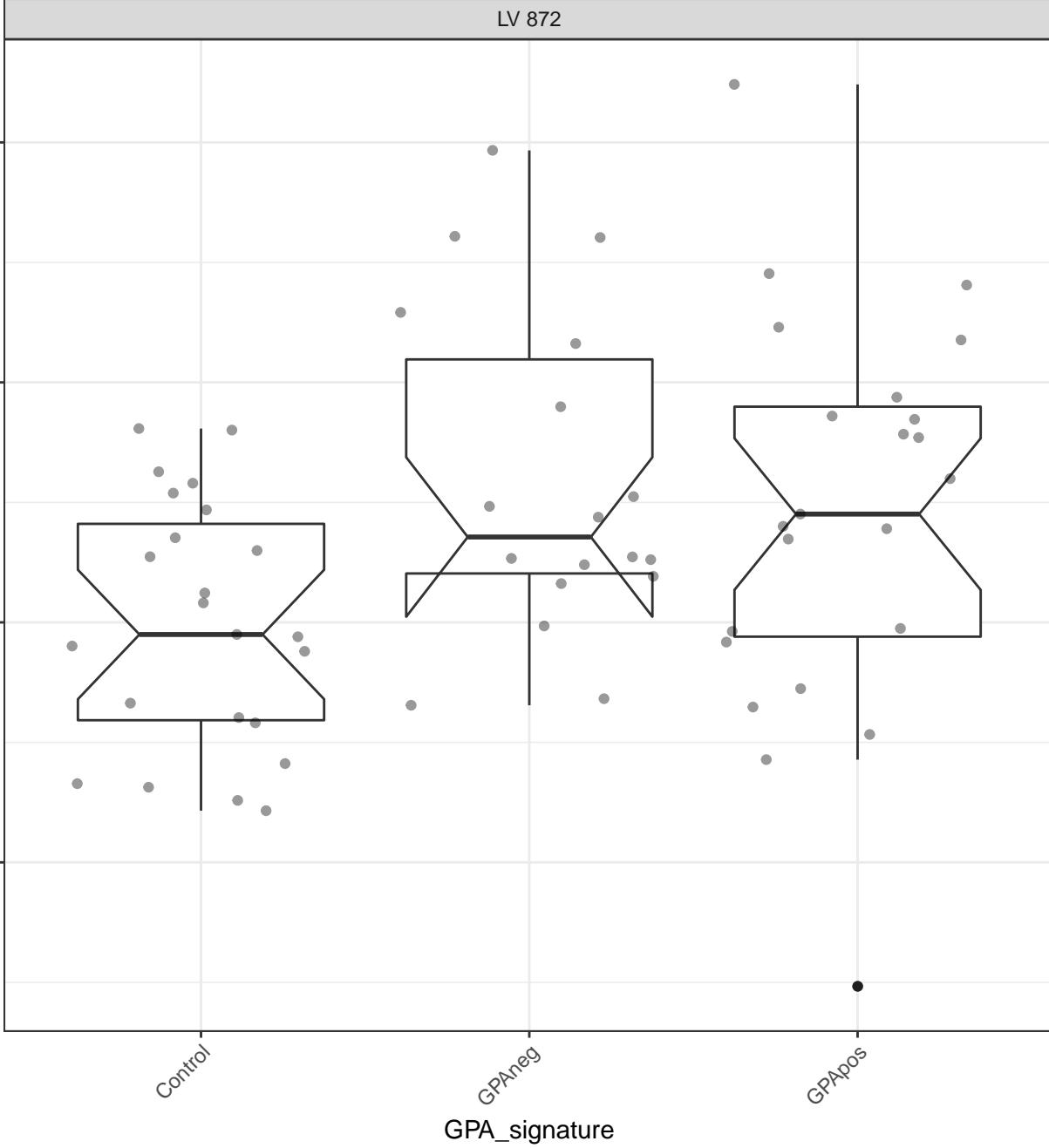
-0.02

Control

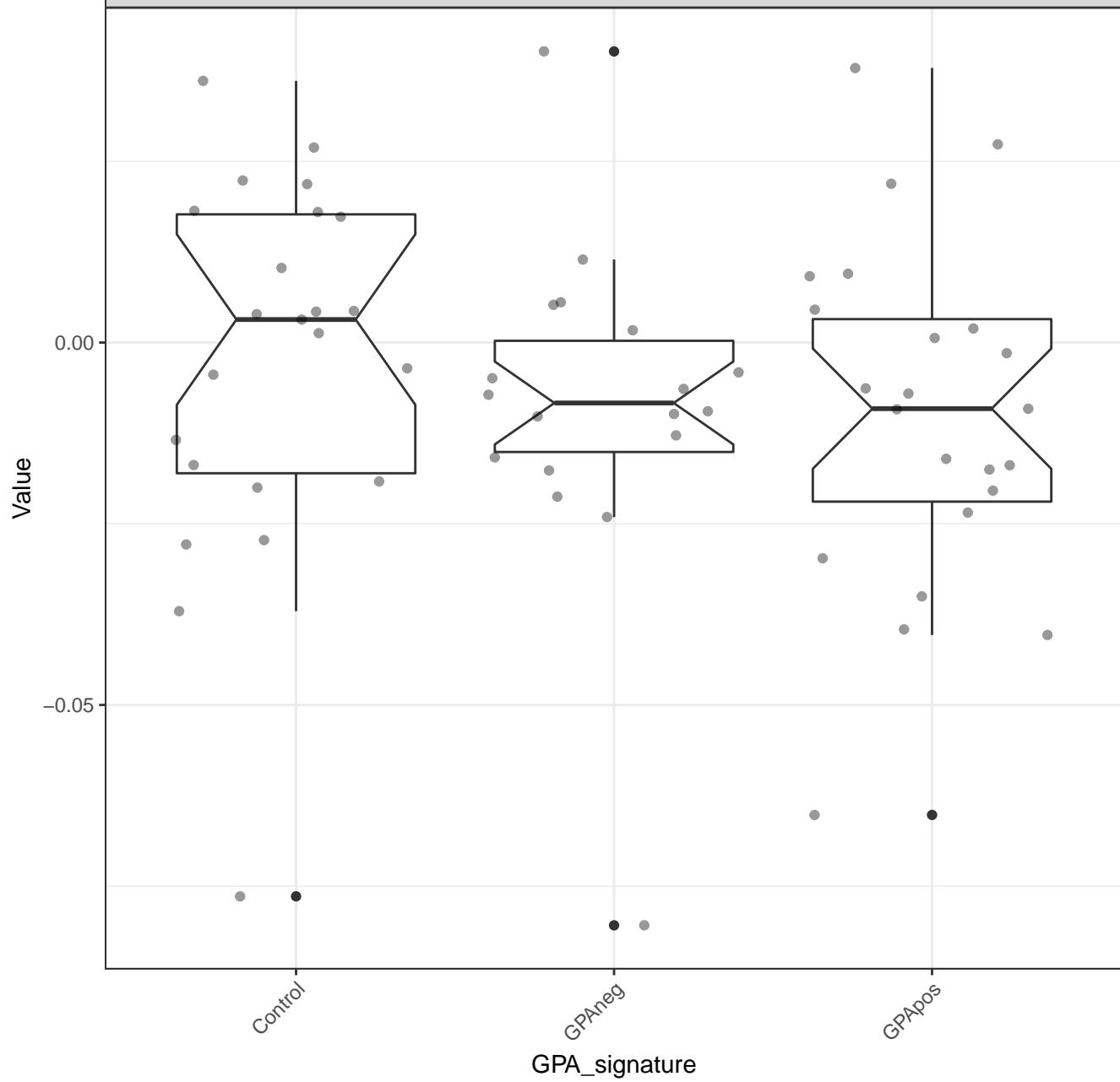
GPA_signature

GPAneg

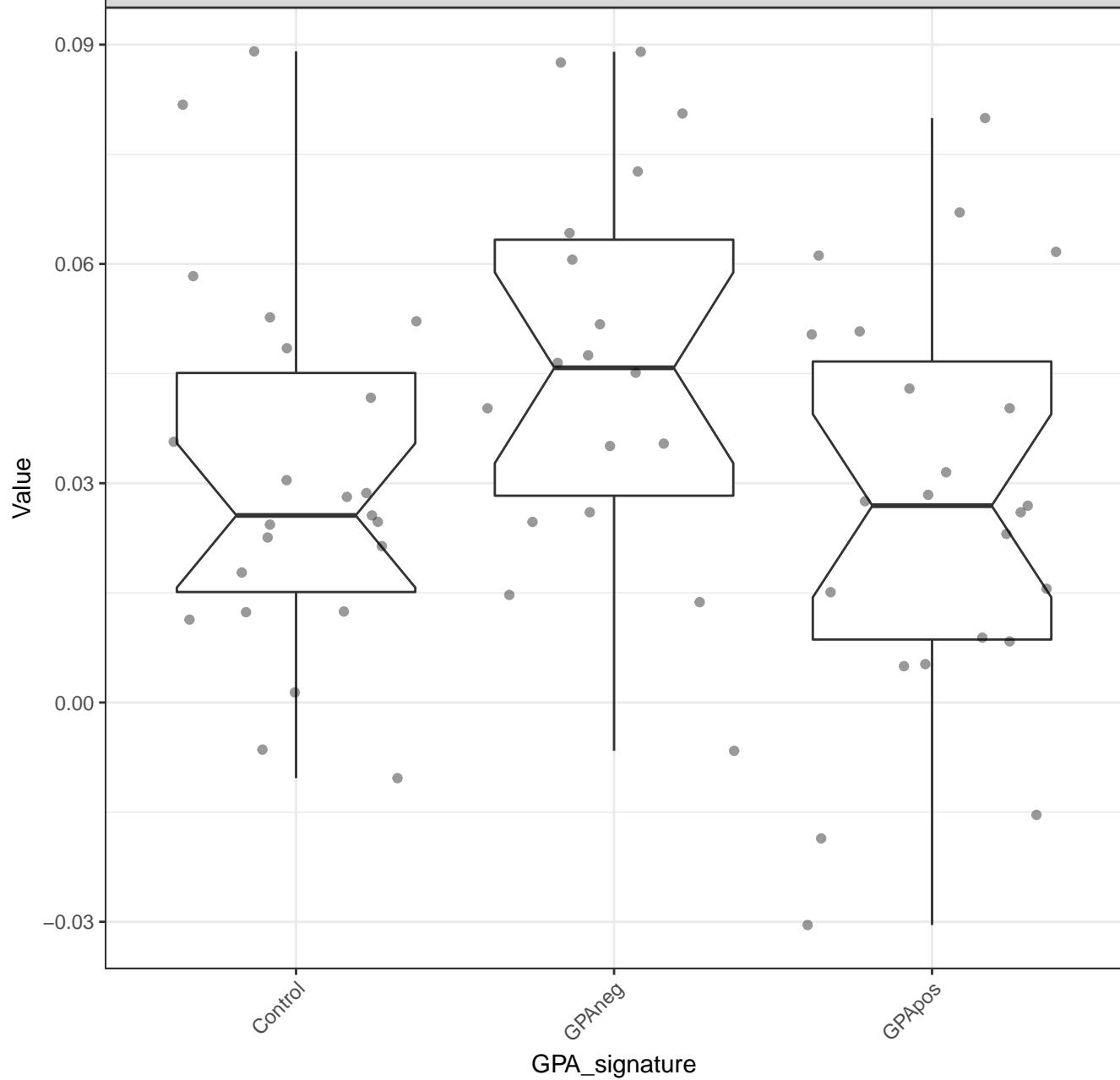
GPApos



LV 873



LV 874



LV 875

Value

0.06

0.03

0.00

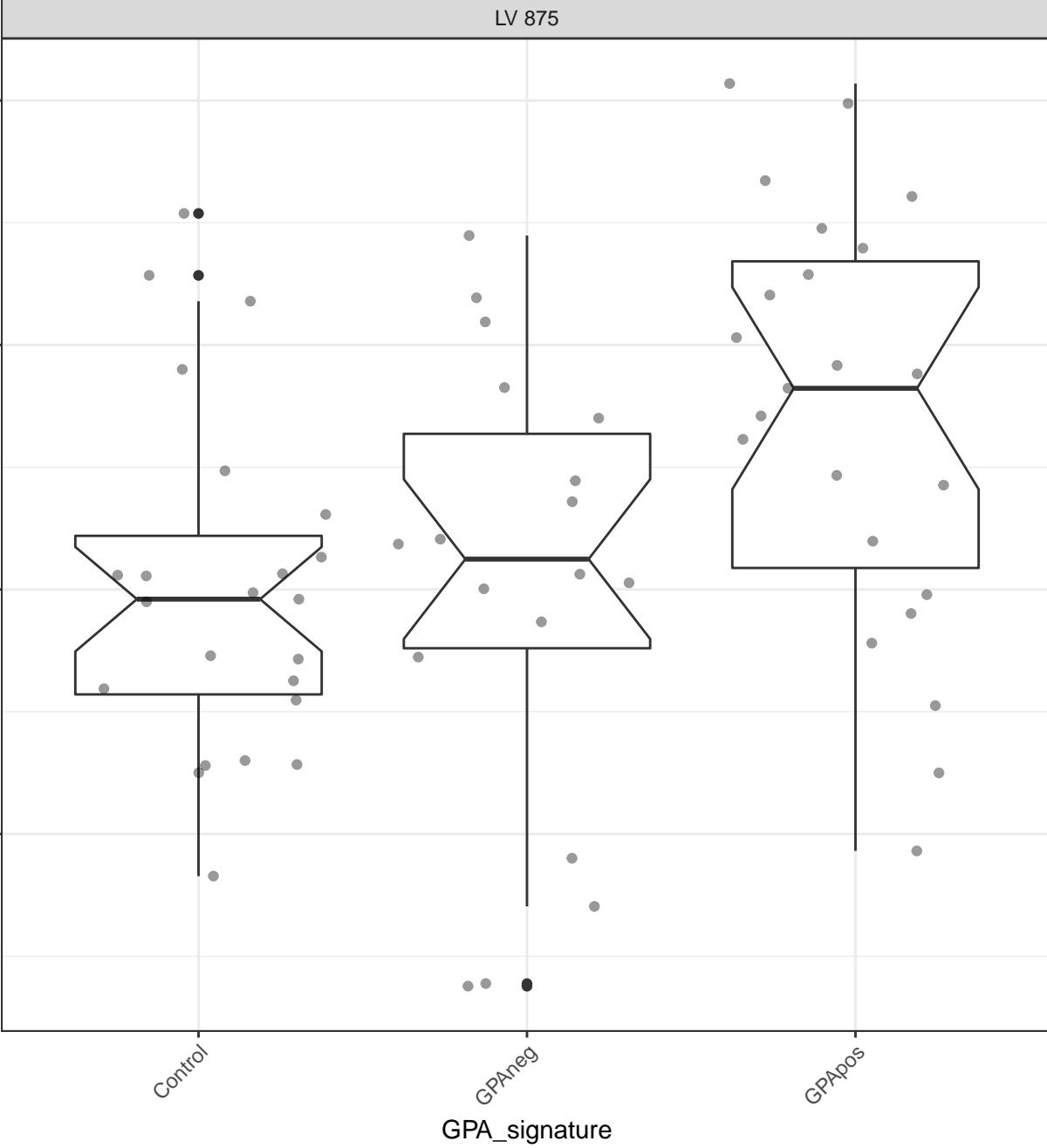
-0.03

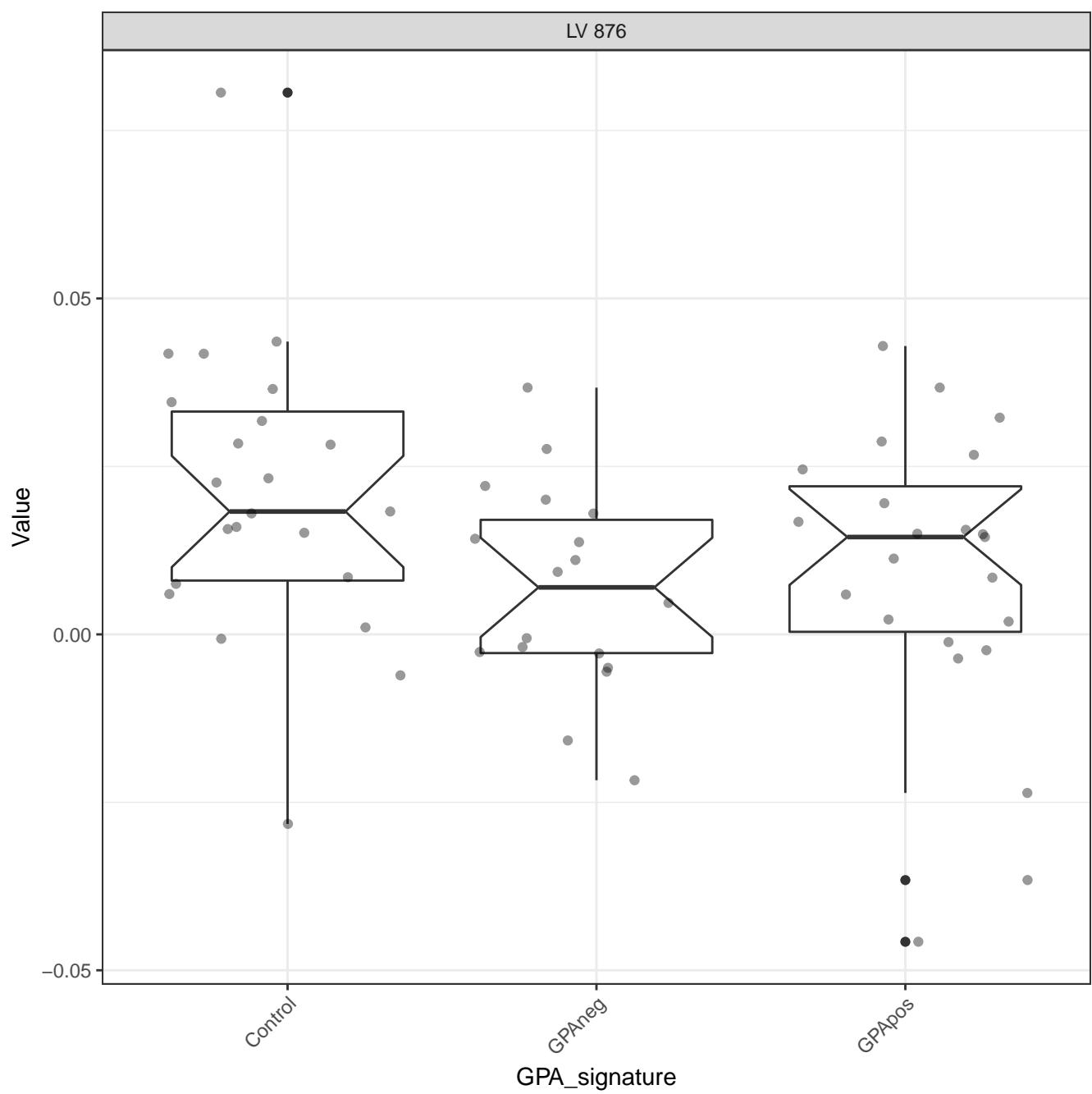
Control

GPAneg

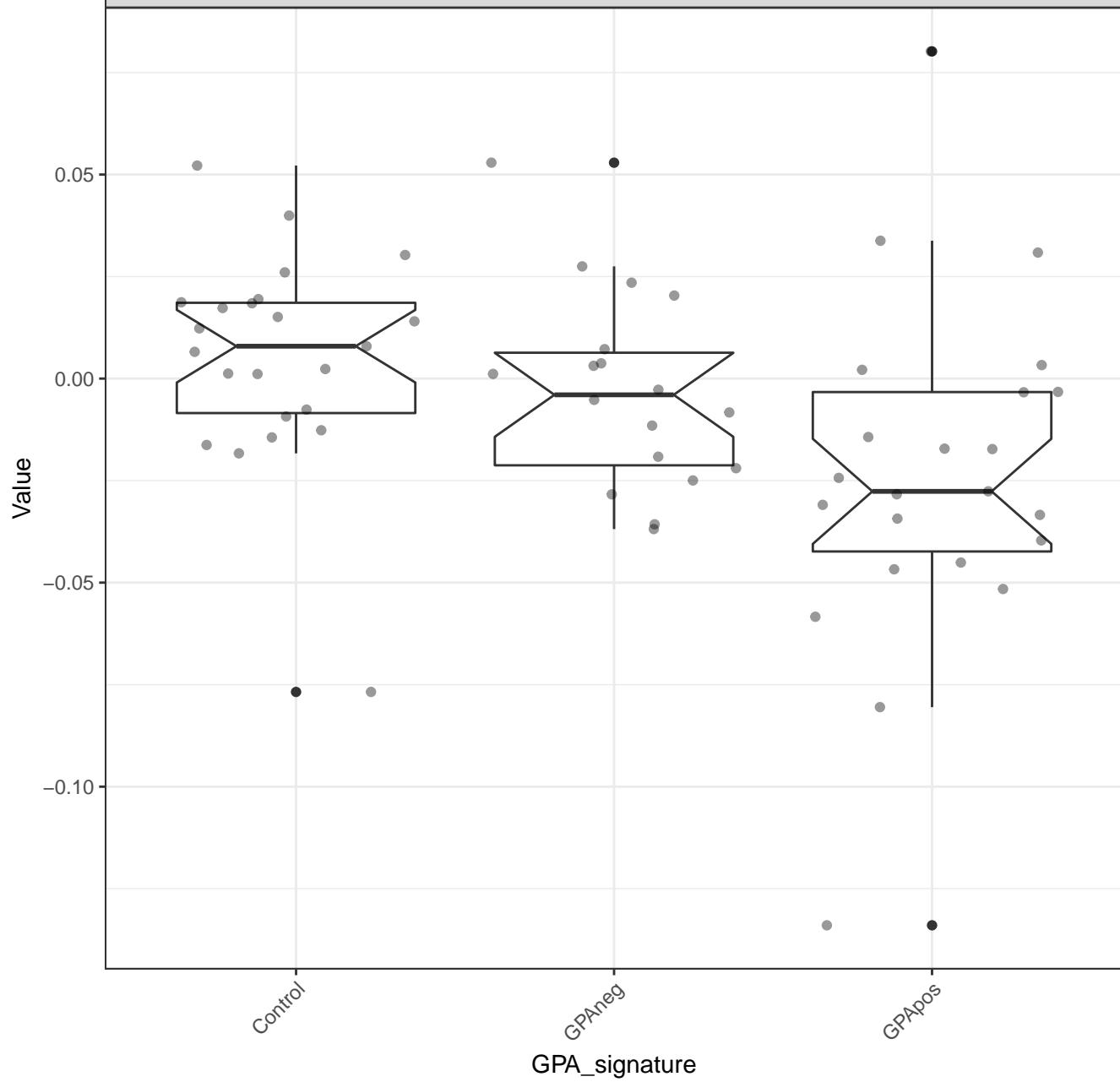
GPAPos

GPA_signature





LV 877



LV 878

Value

0.06

0.03

0.01

-0.03

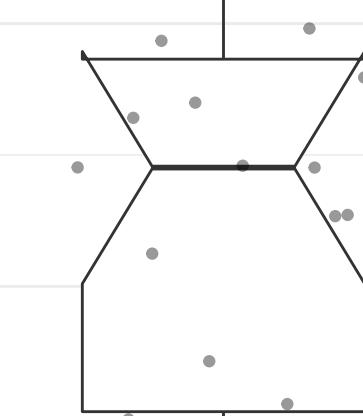
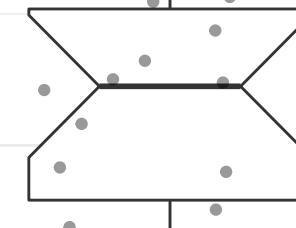
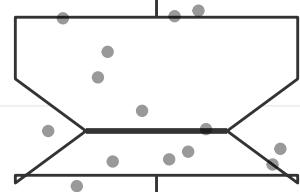
-0.06

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

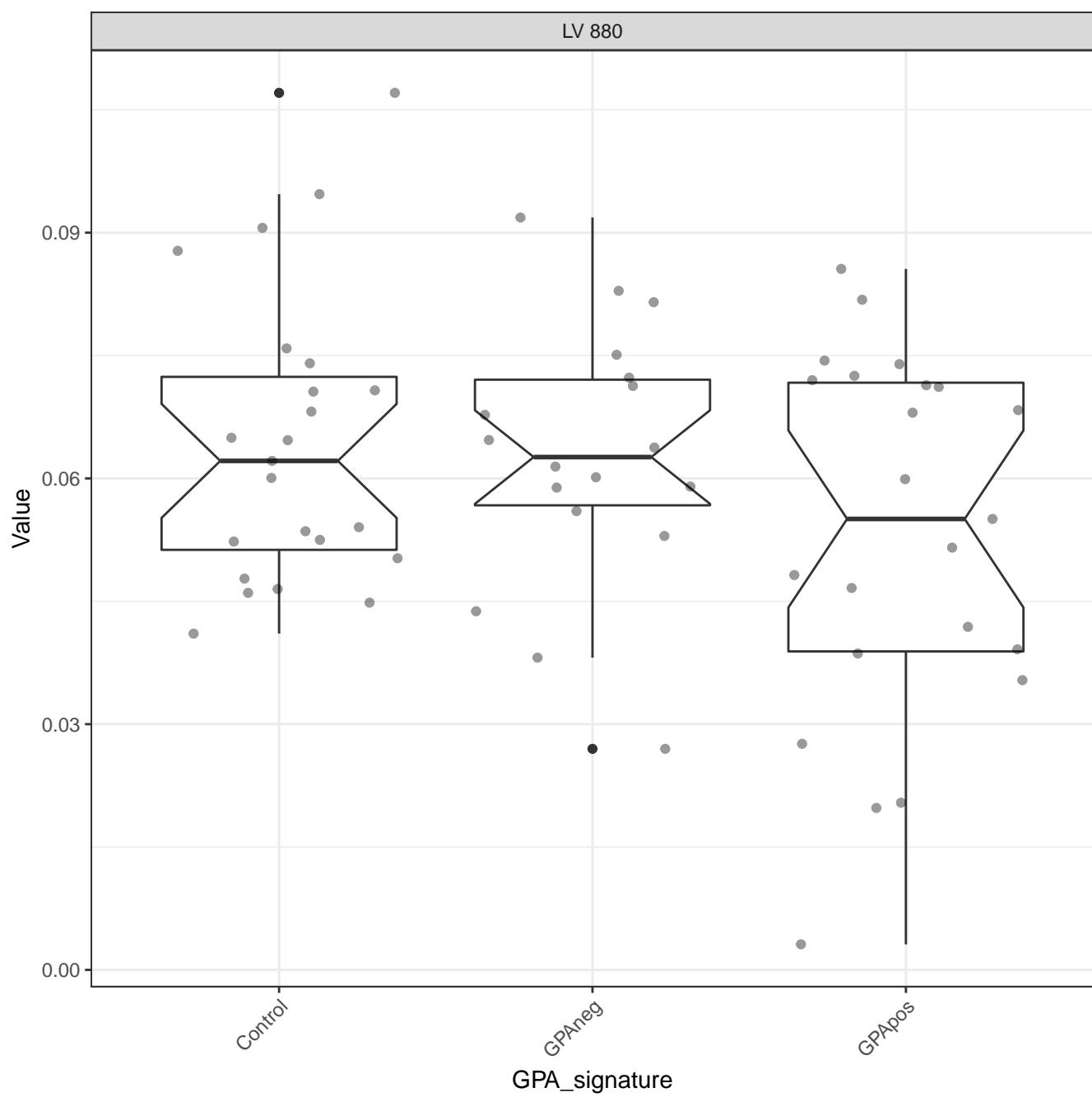
GPAneg

GPAPos

GPA_signature



LV 880



881,REACTOME_DNA_STRAND_ELONGATION

Value

0.3

0.2

0.1

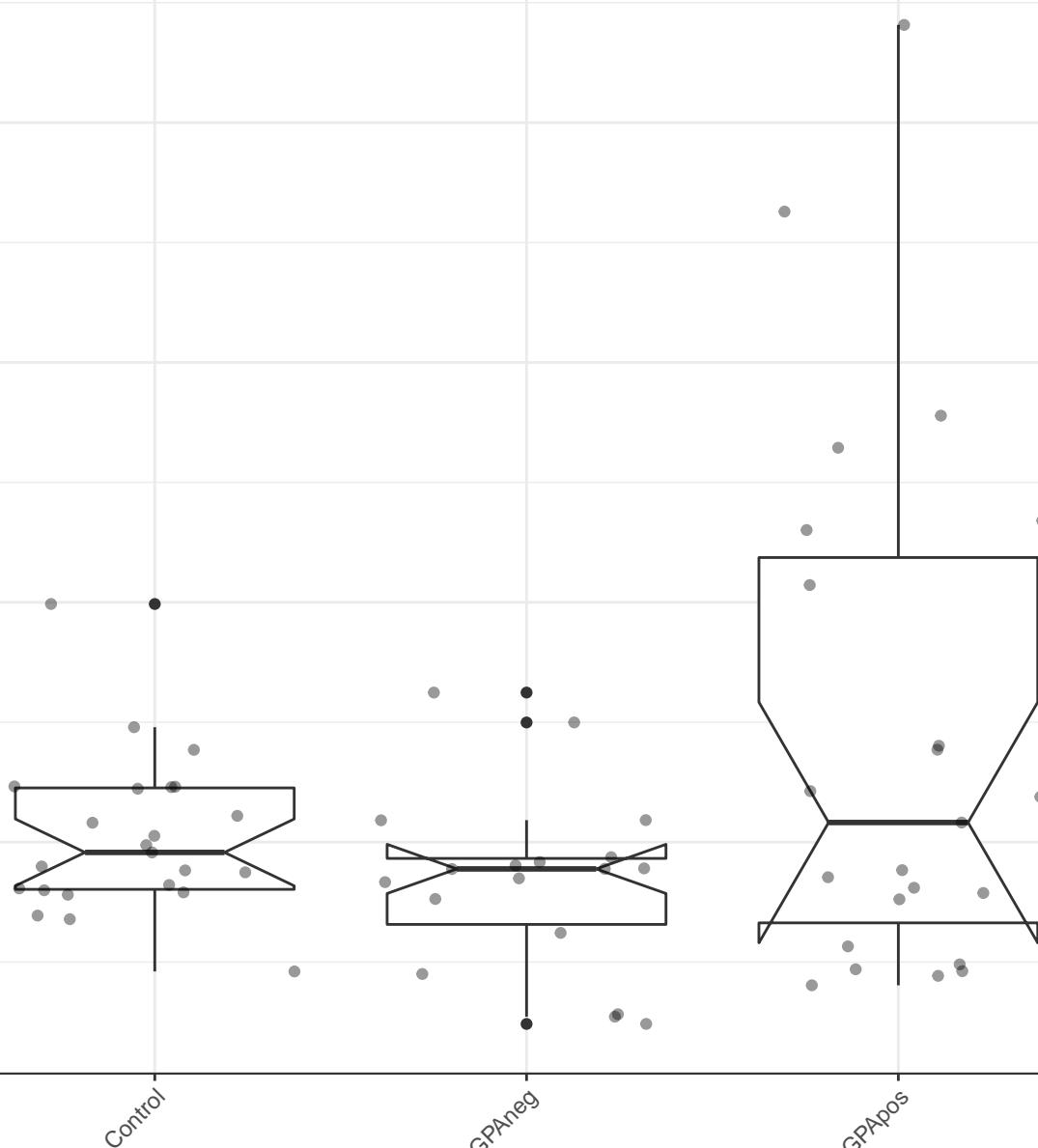
0.0

Control

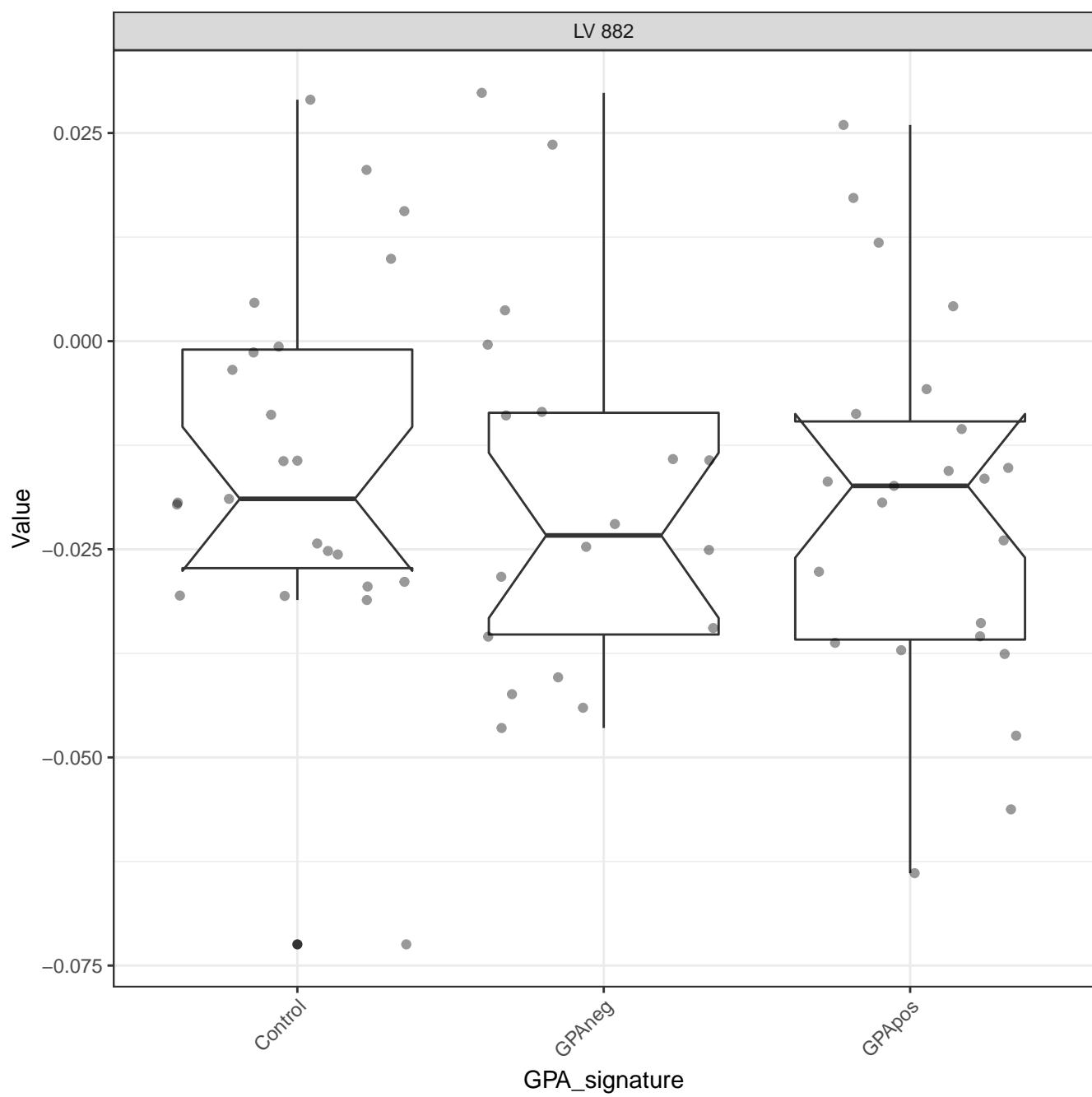
GPAneg

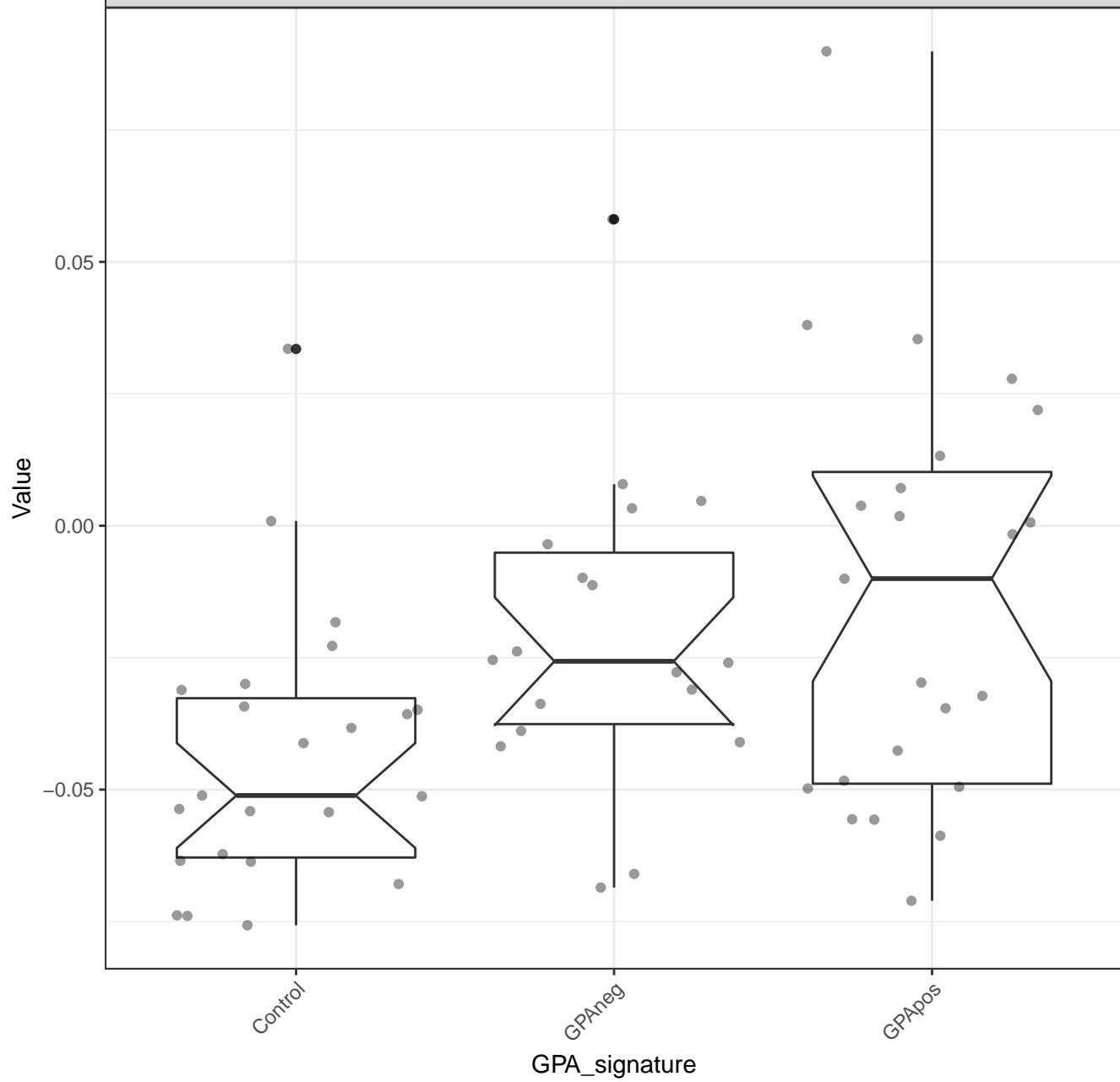
GPAPos

GPA_signature

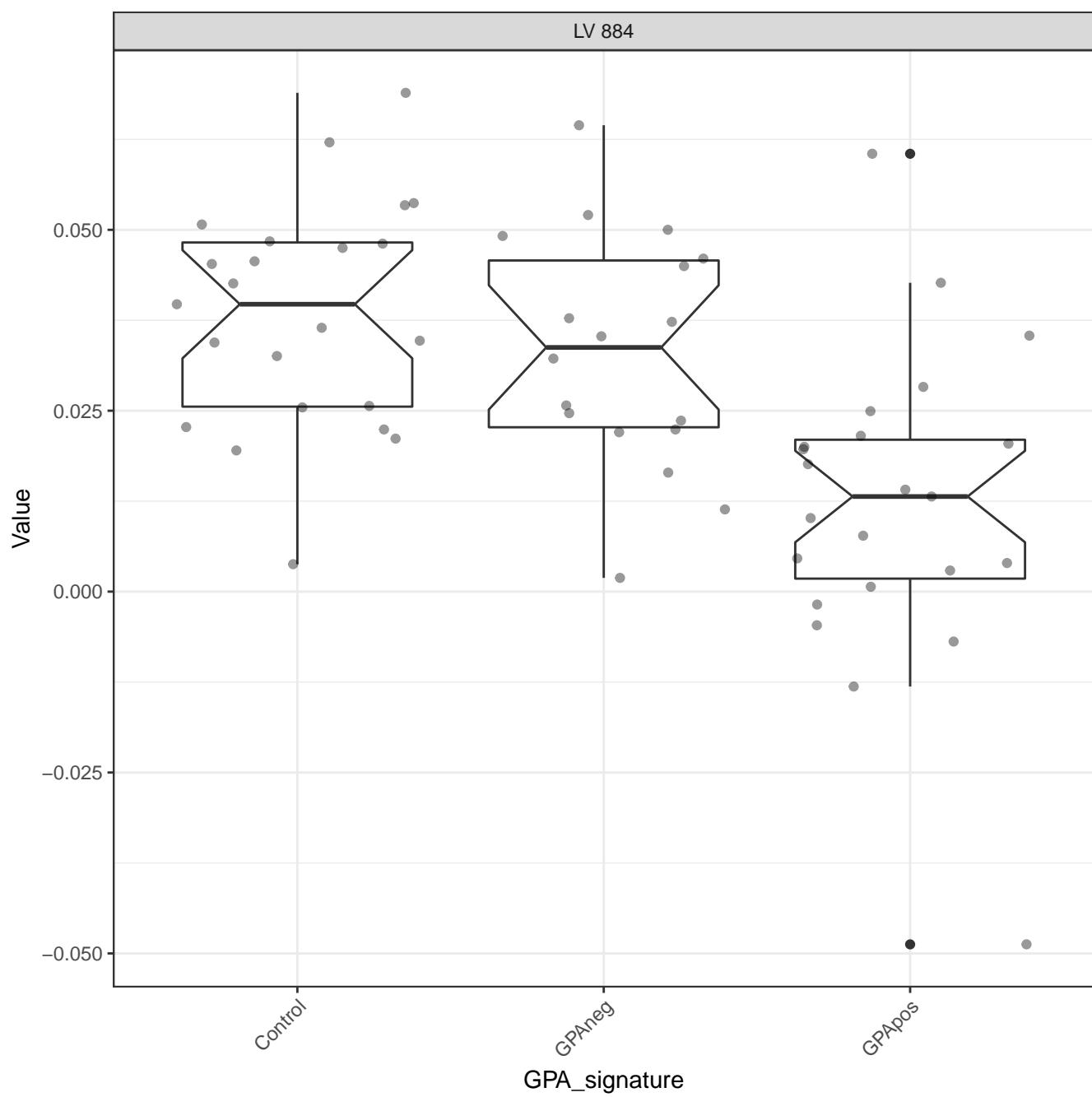


LV 882



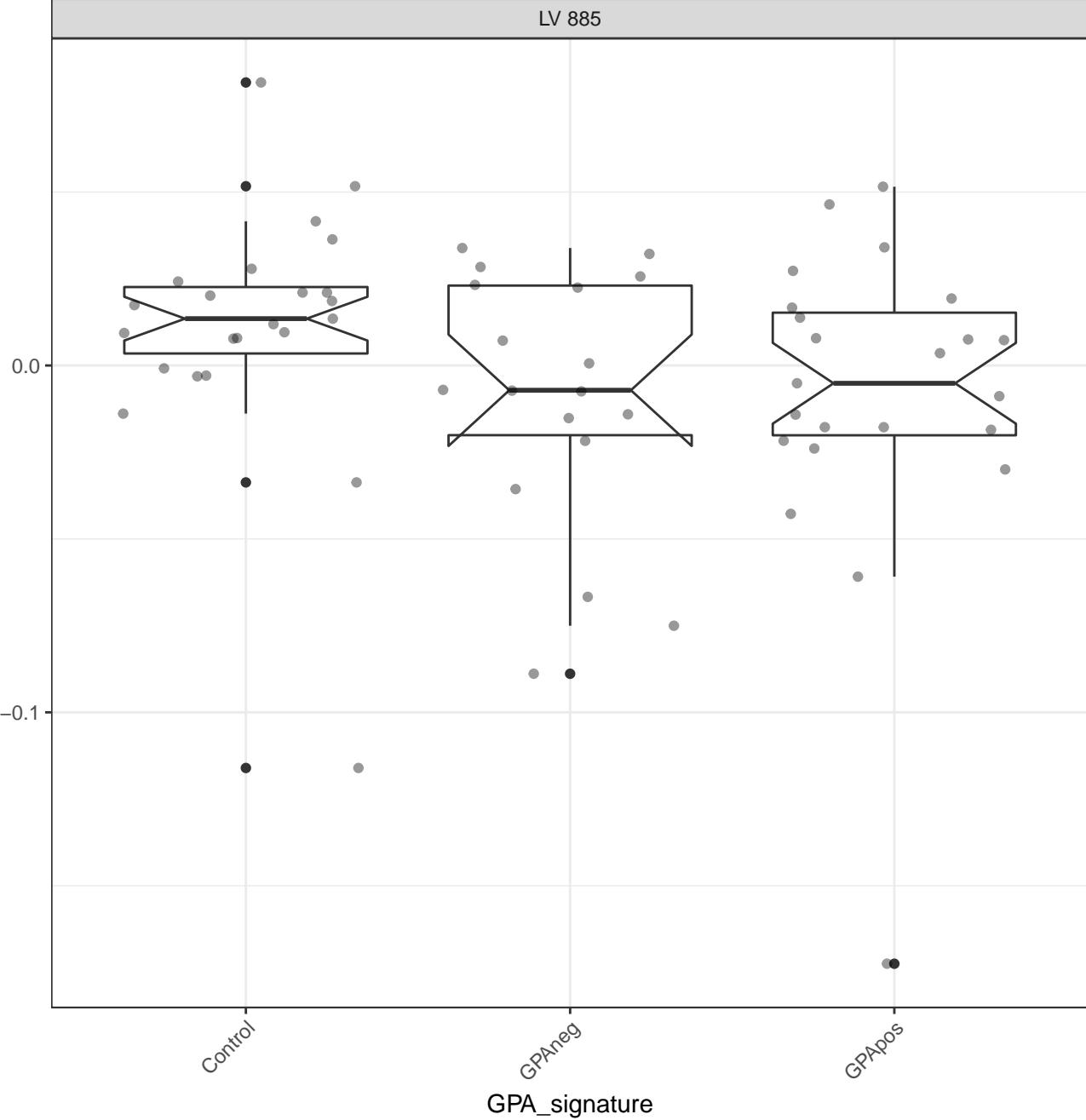


LV 884

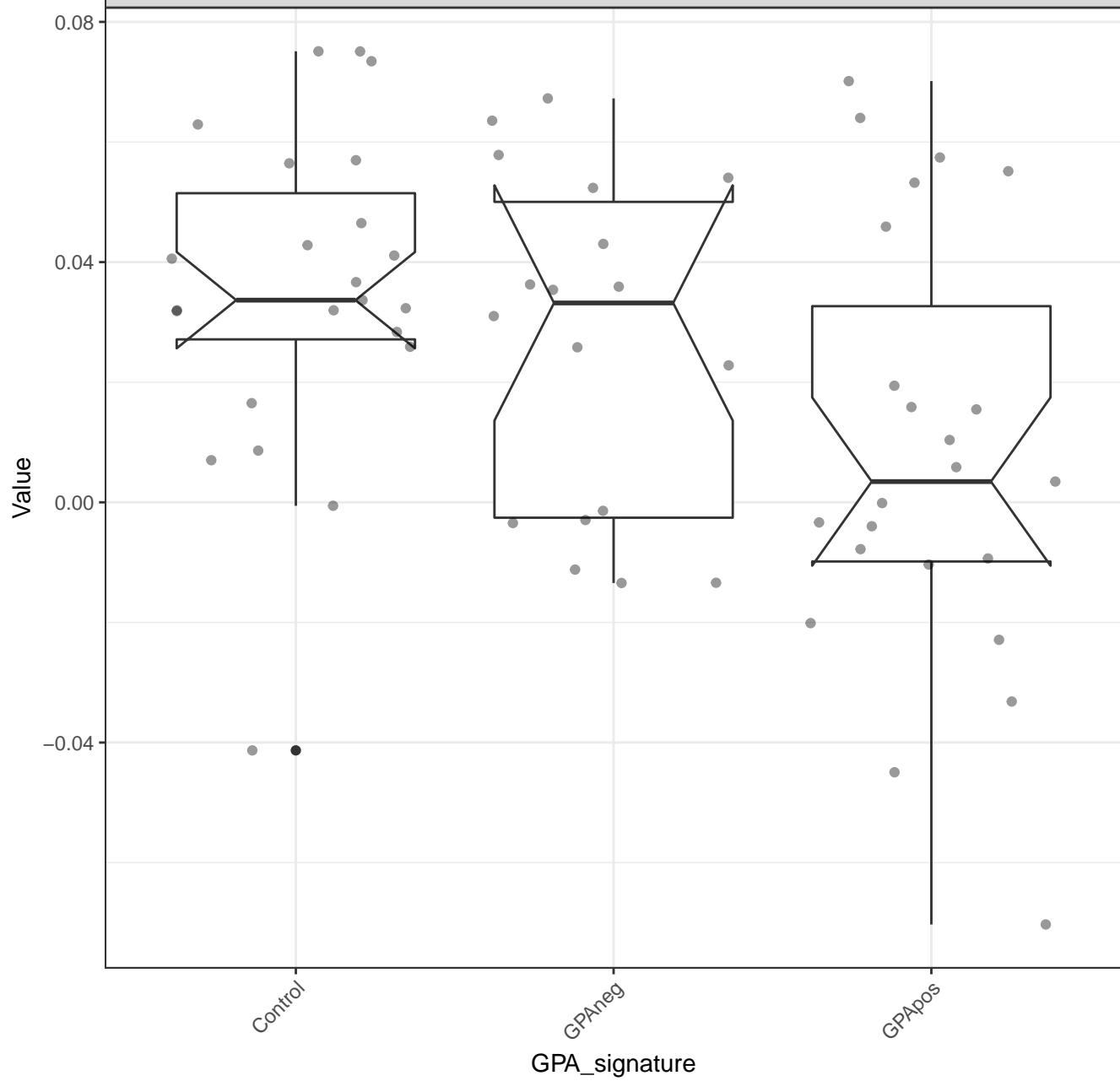


LV 885

Value



LV 886



Value

0.02

0.01

-0.01

-0.02

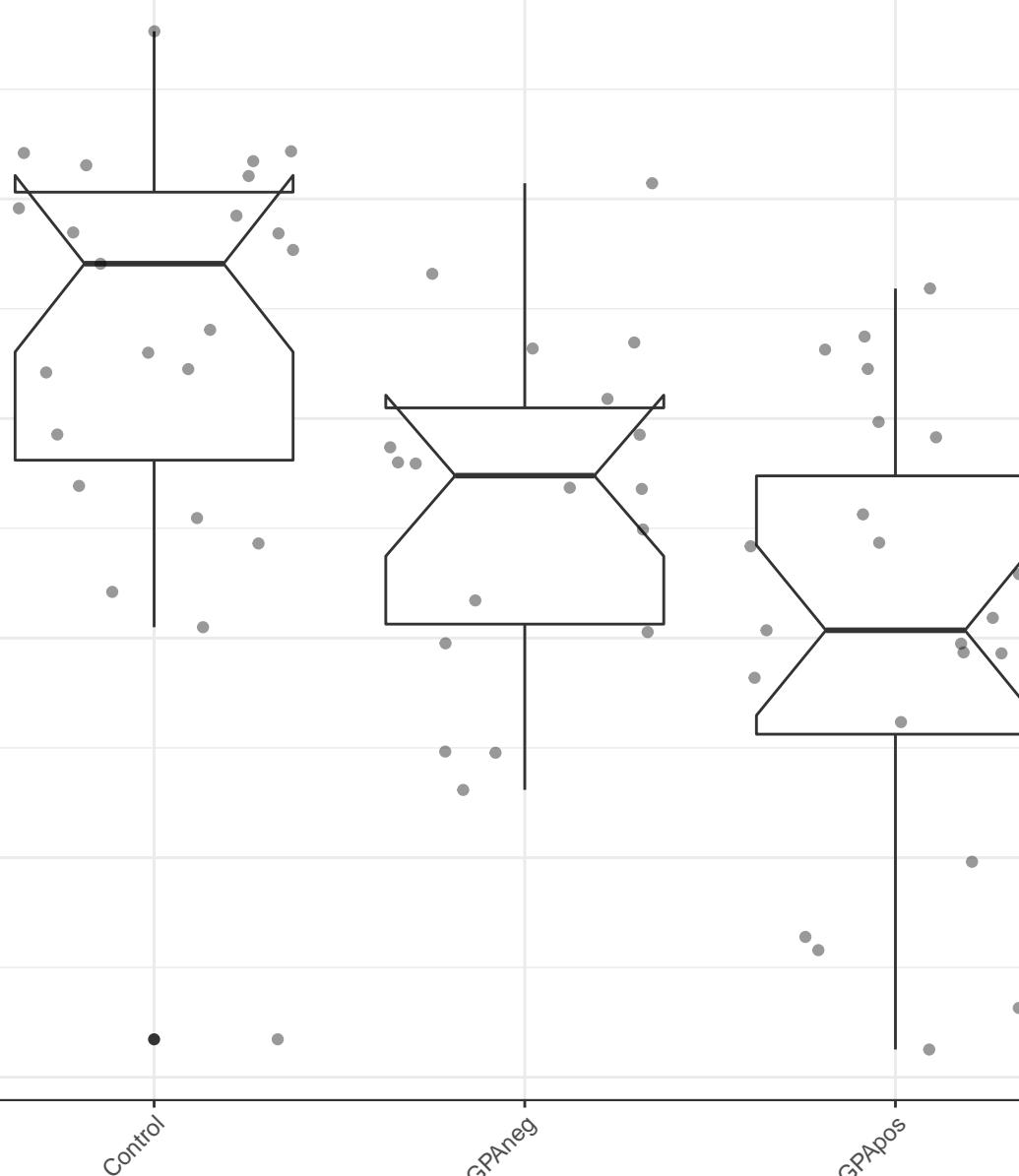
-0.03

Control

GPA_signature

GPAneg

GPAPos



LV 888

Value

0.02

0.00

-0.02

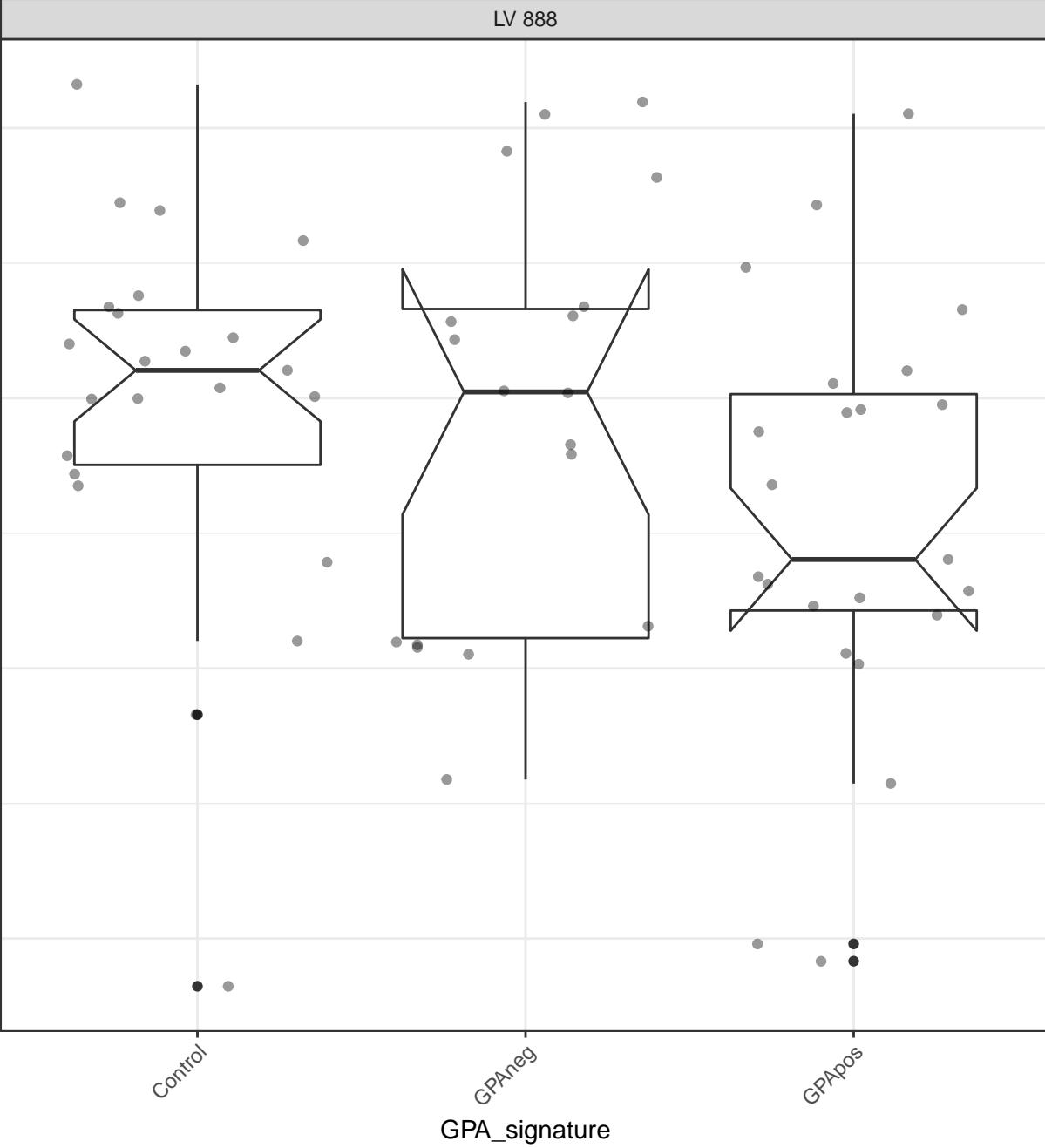
-0.04

Control

GPAneg

GPApos

GPA_signature



LV 889

Value

0.05

0.01

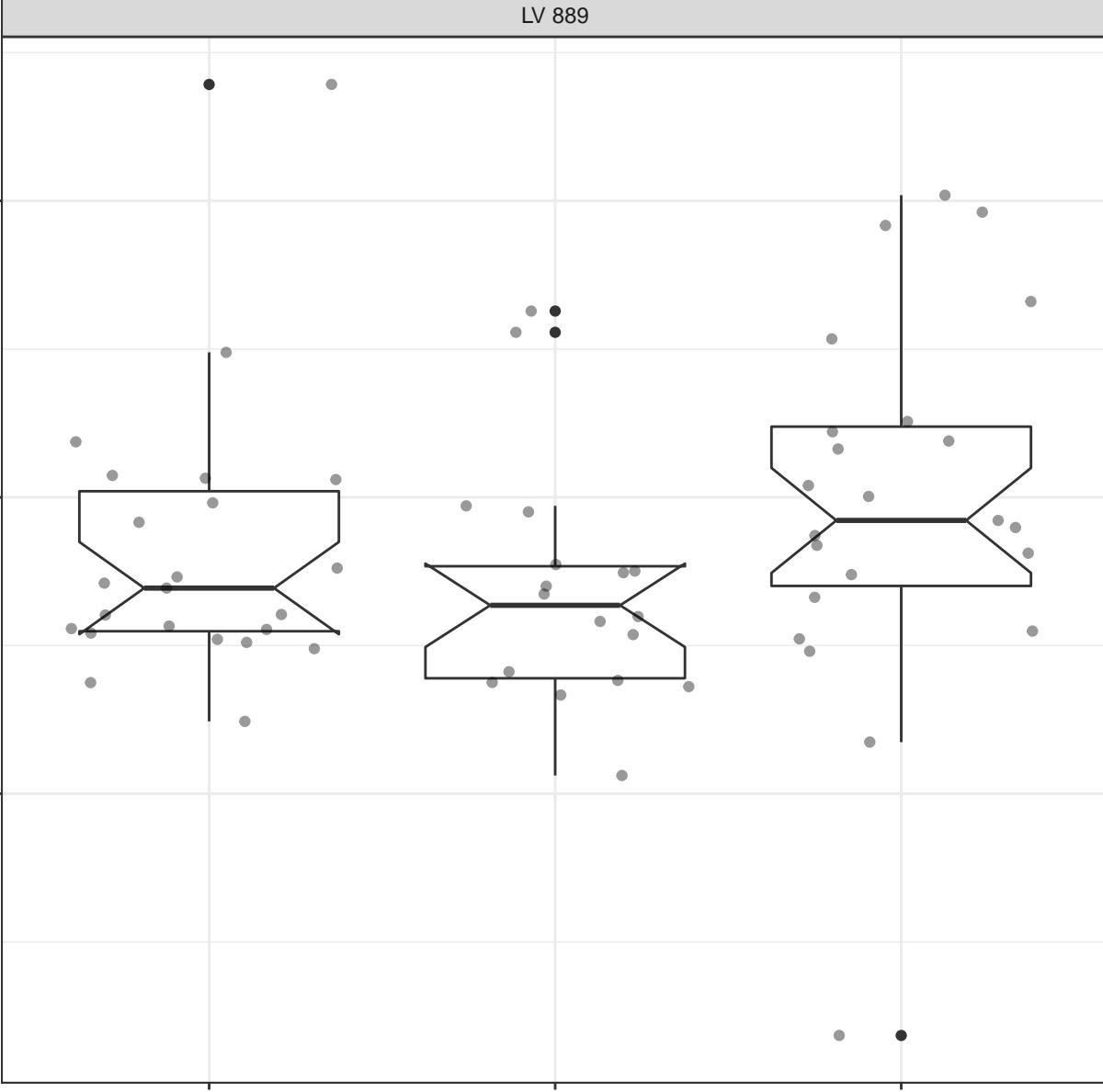
-0.05

Control

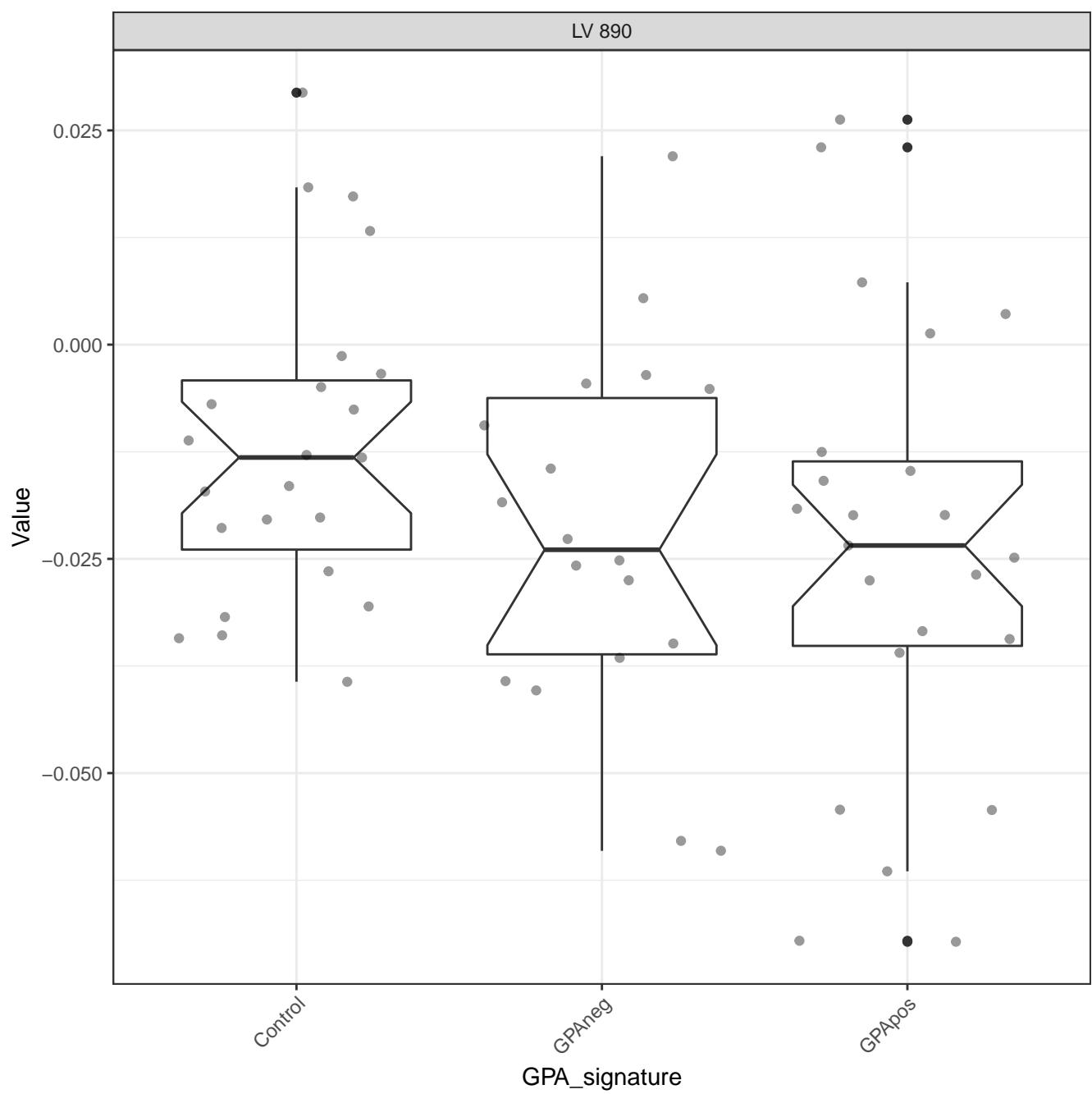
GPA_signature

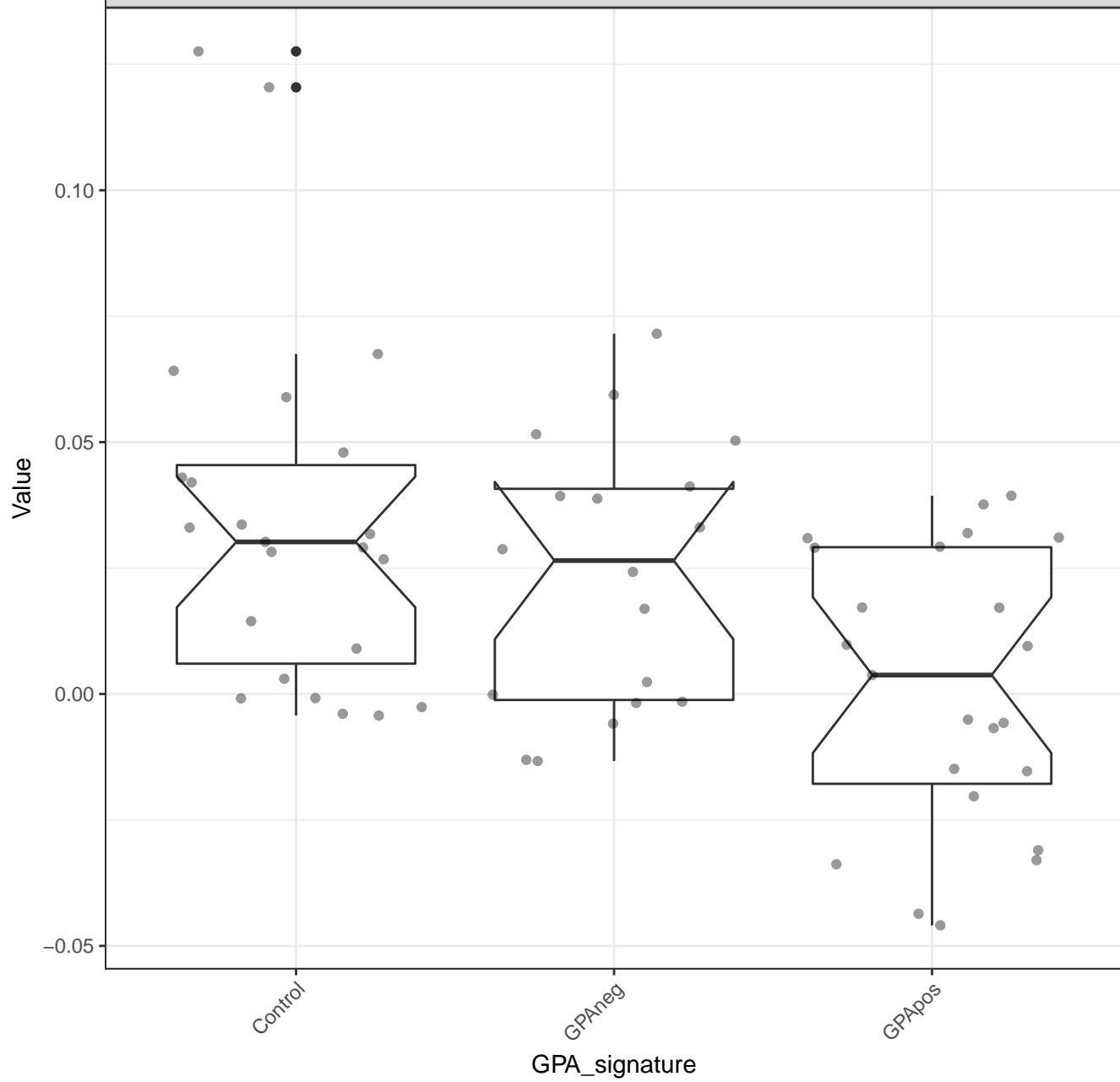
GPAneg

GPAPos

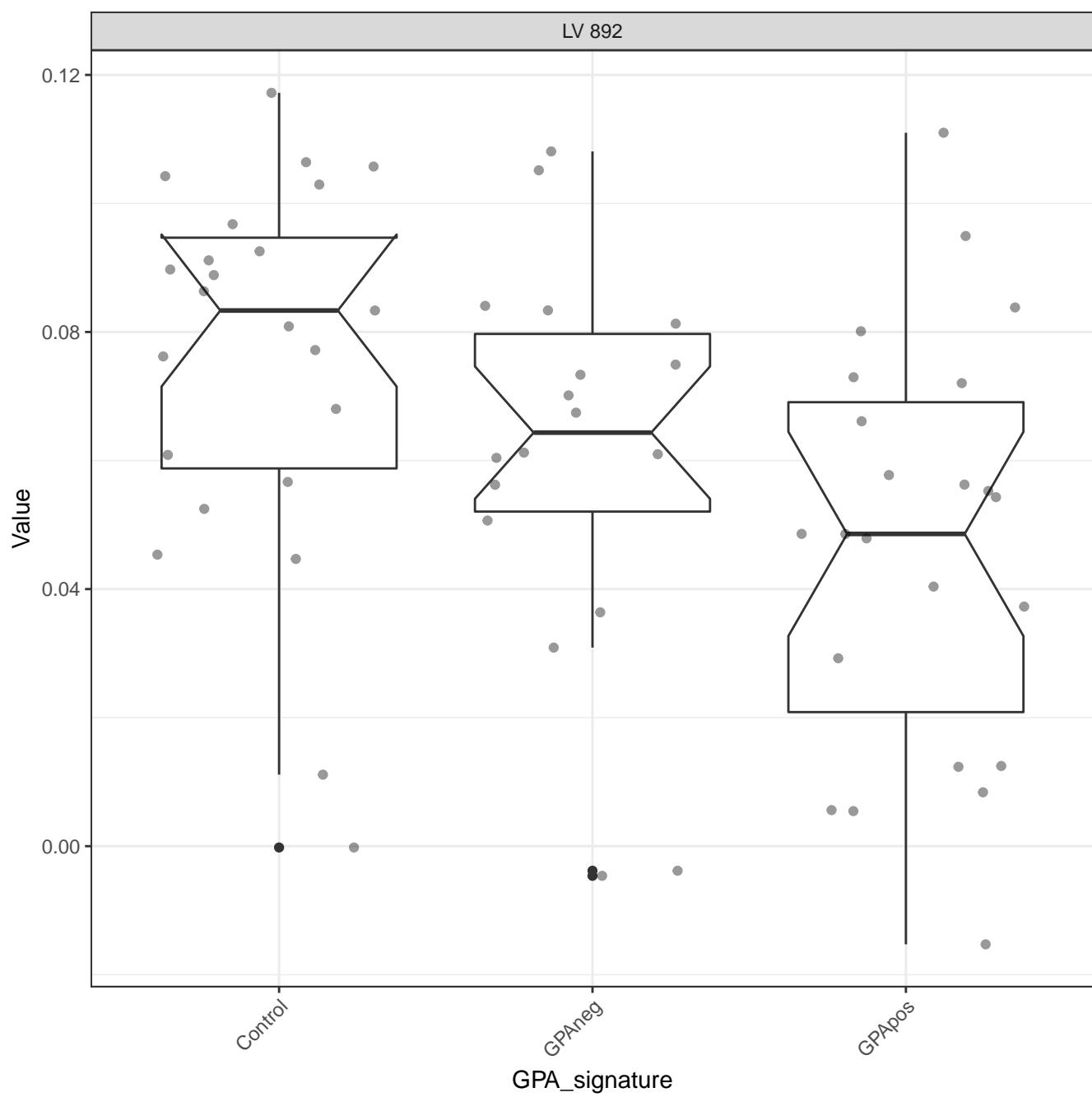


LV 890

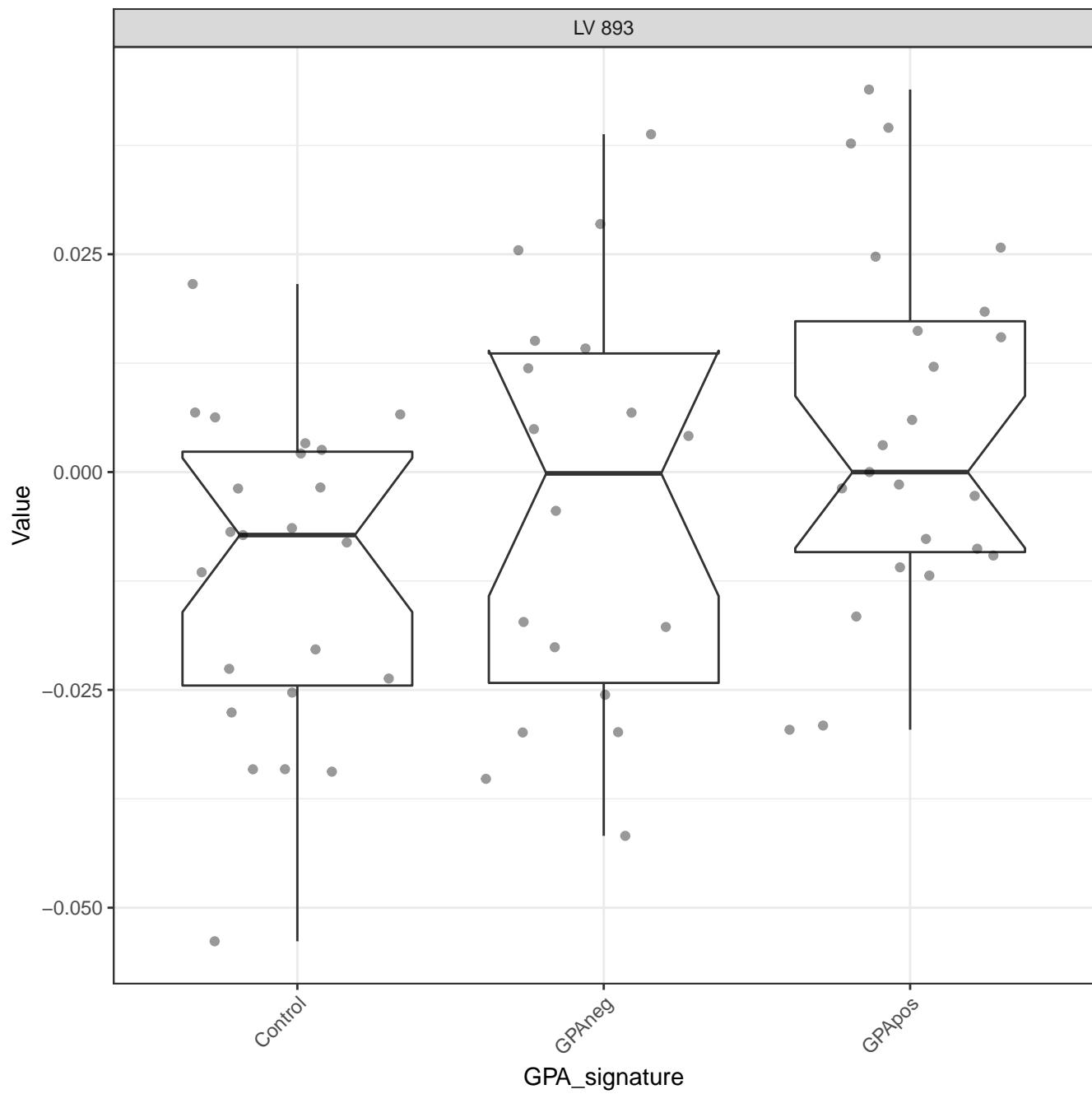




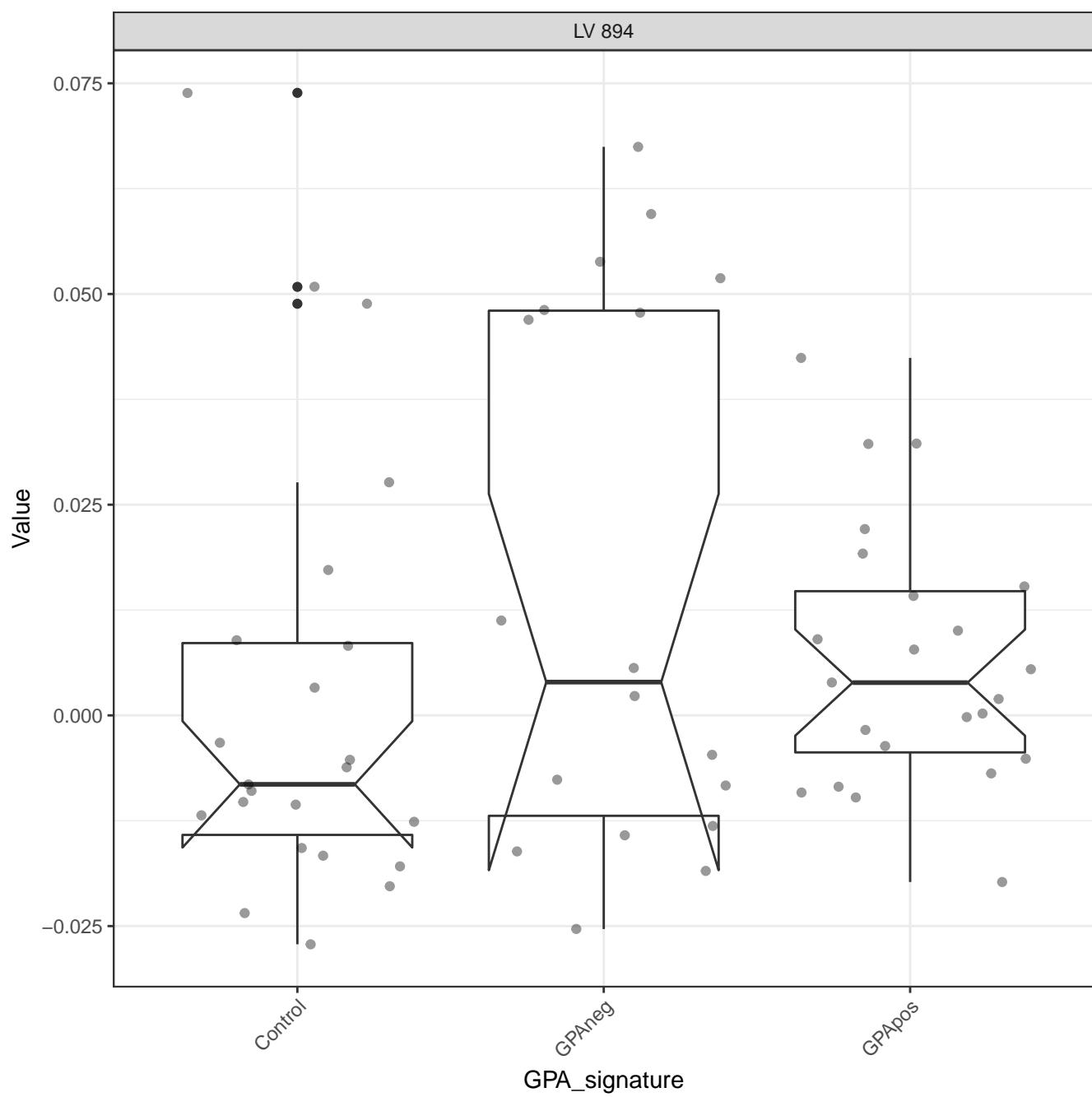
LV 892



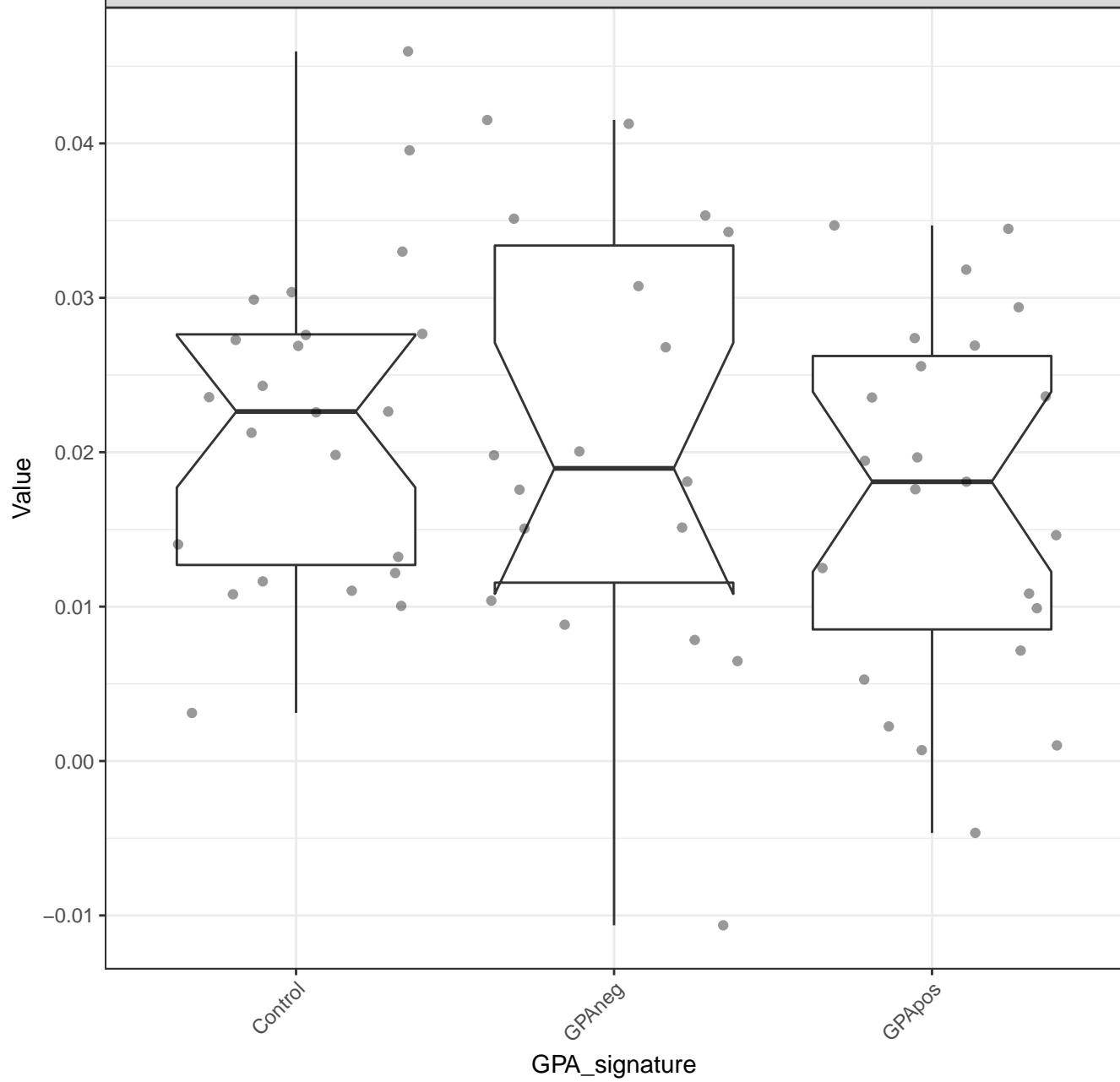
LV 893

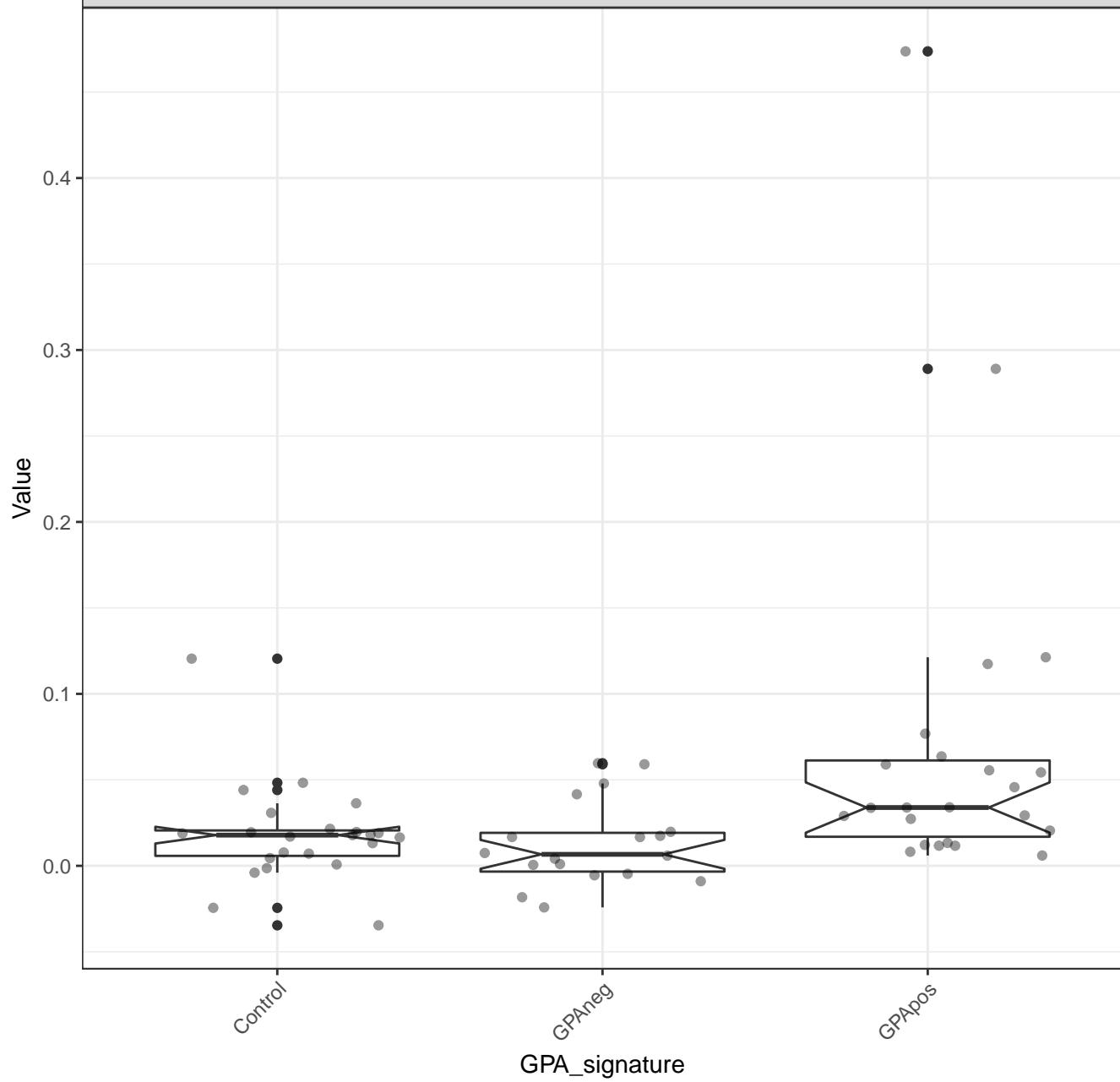


LV 894

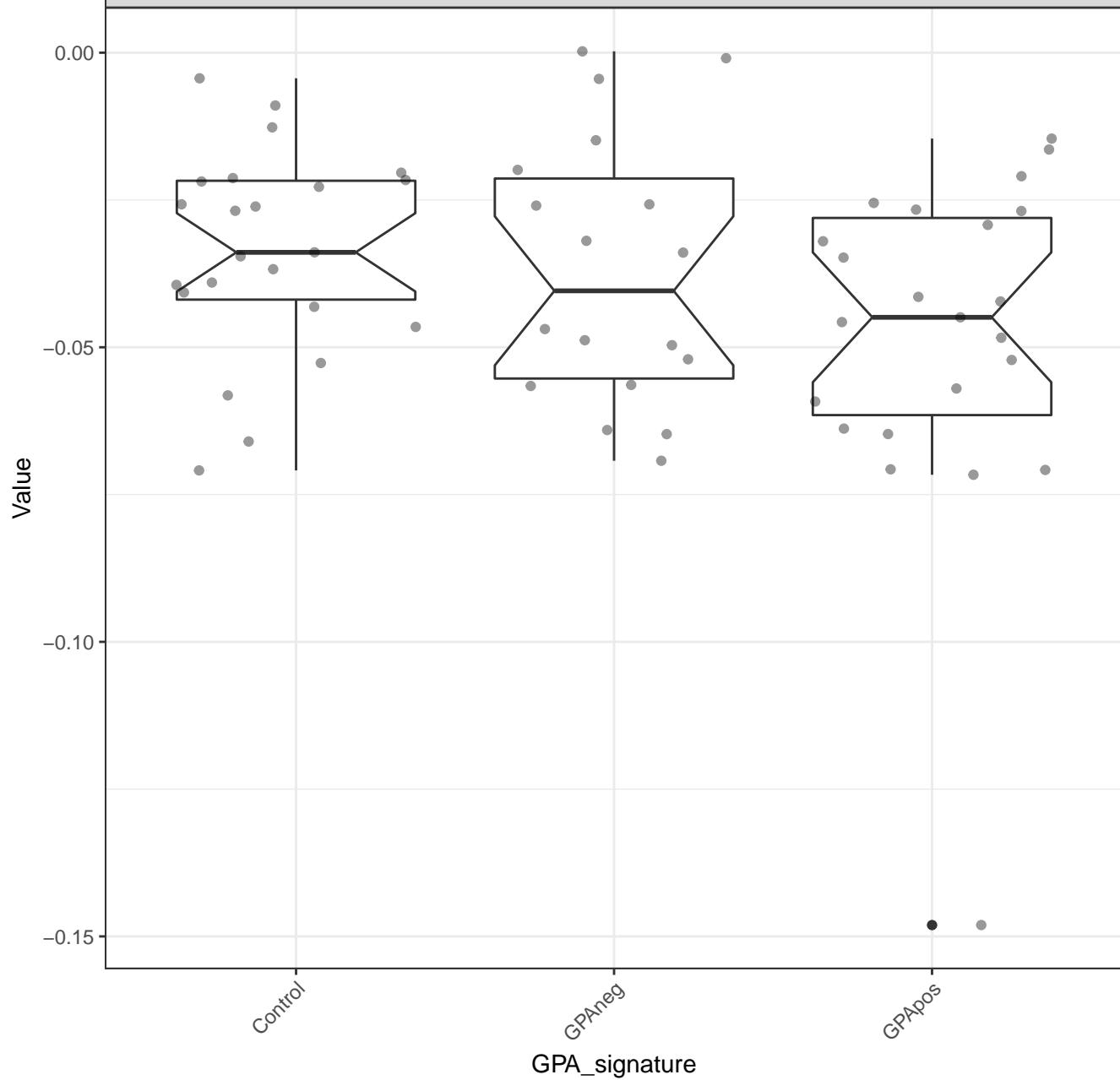


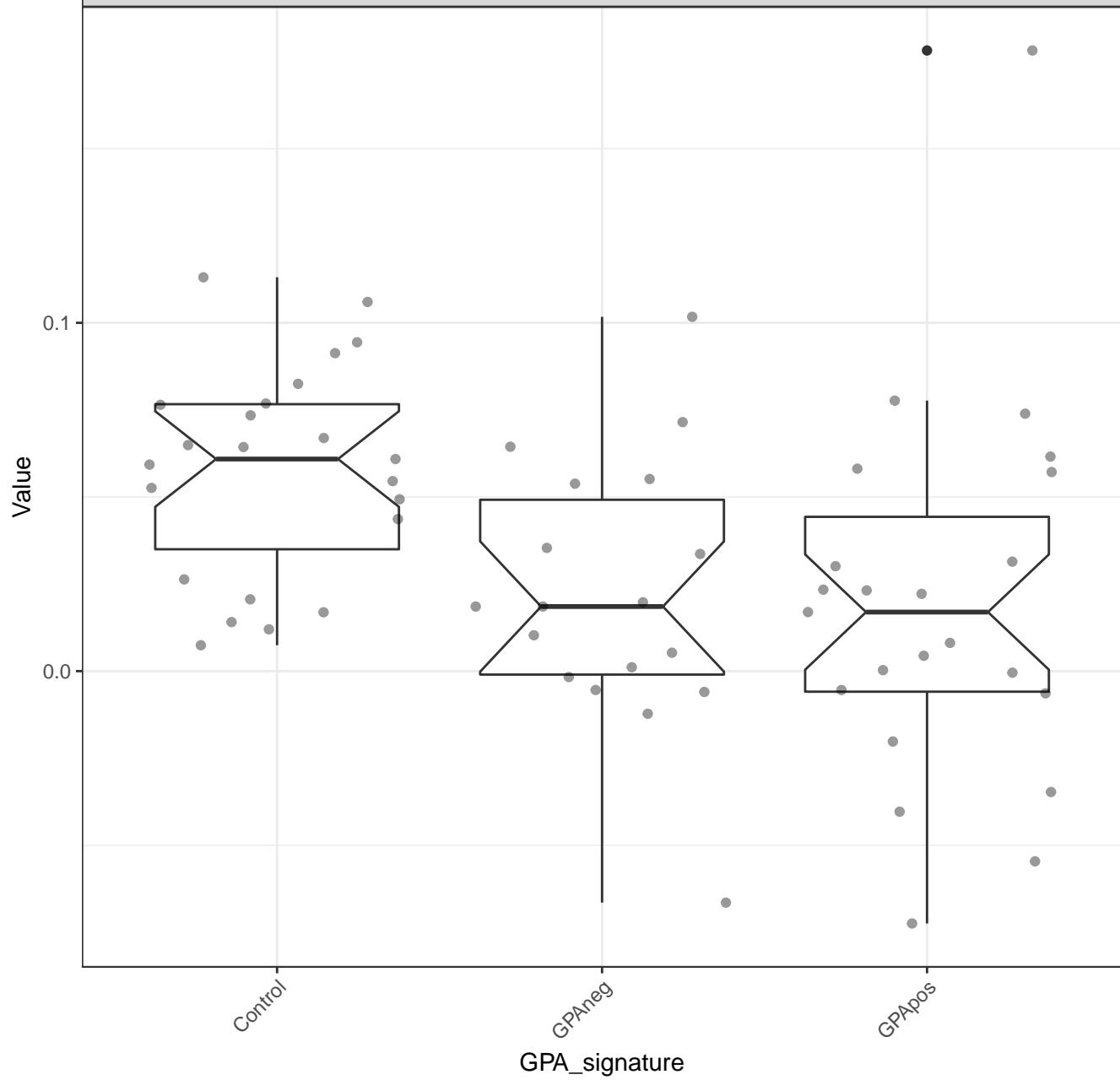
LV 895



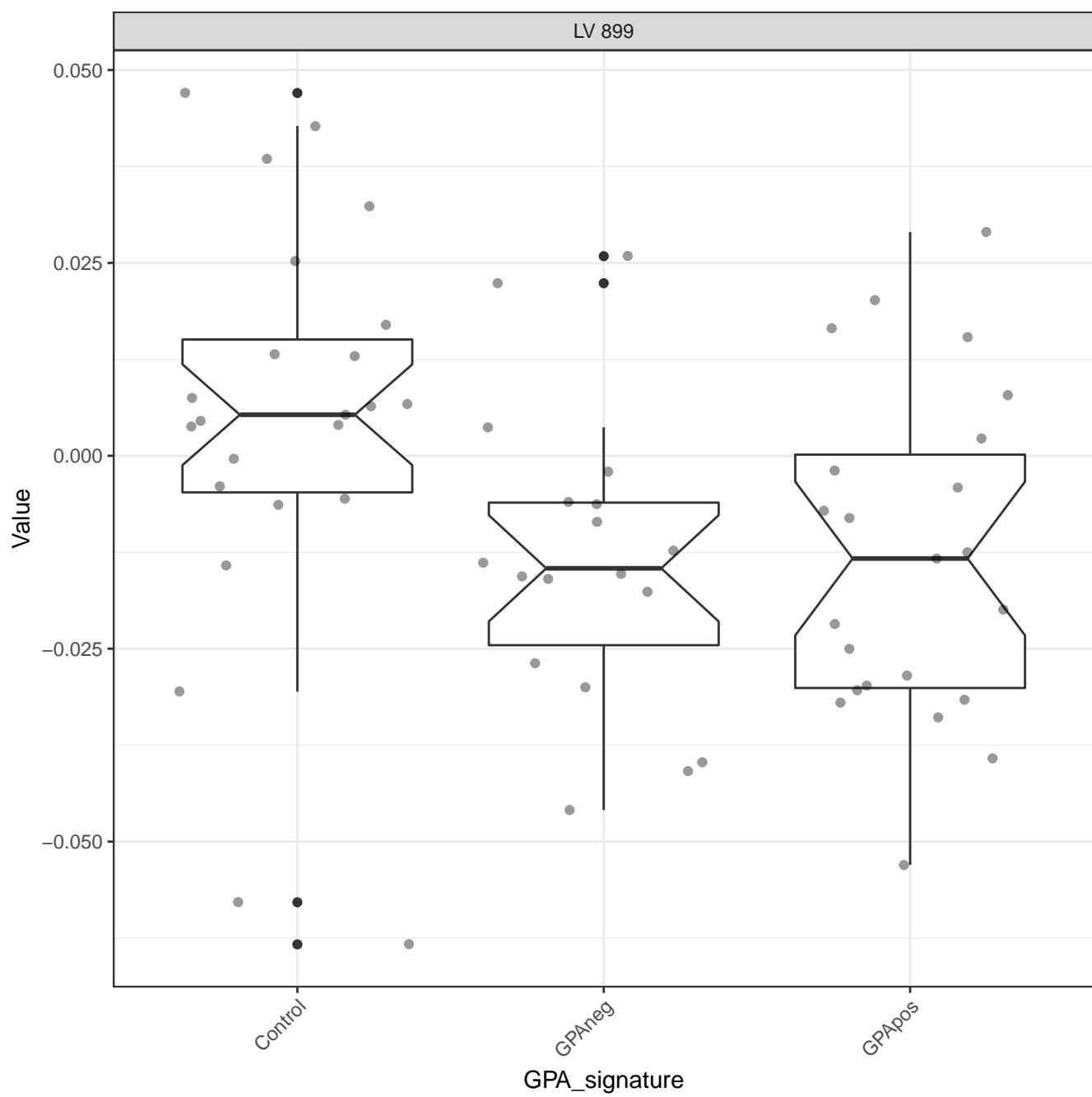


LV 897



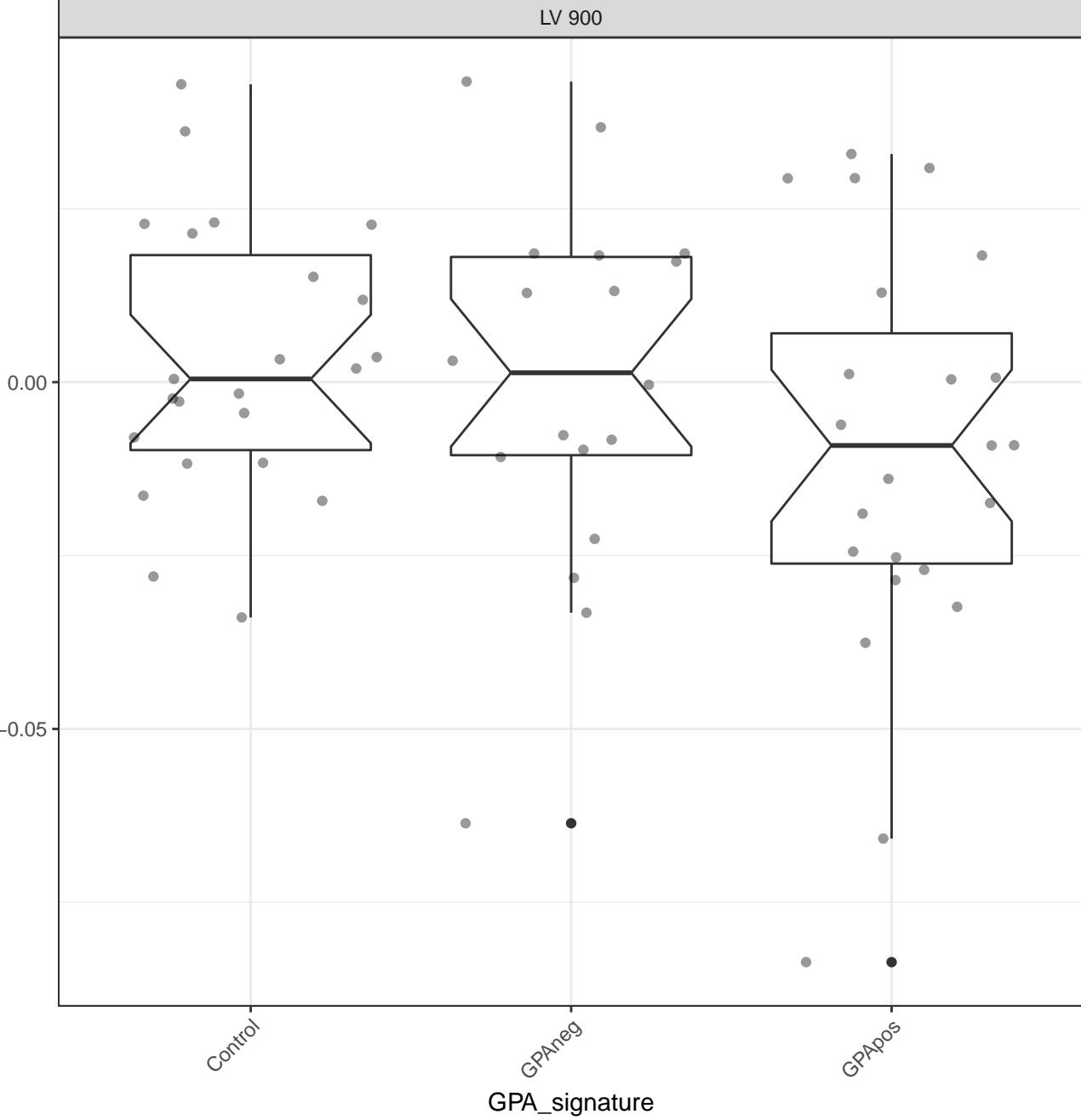


LV 899

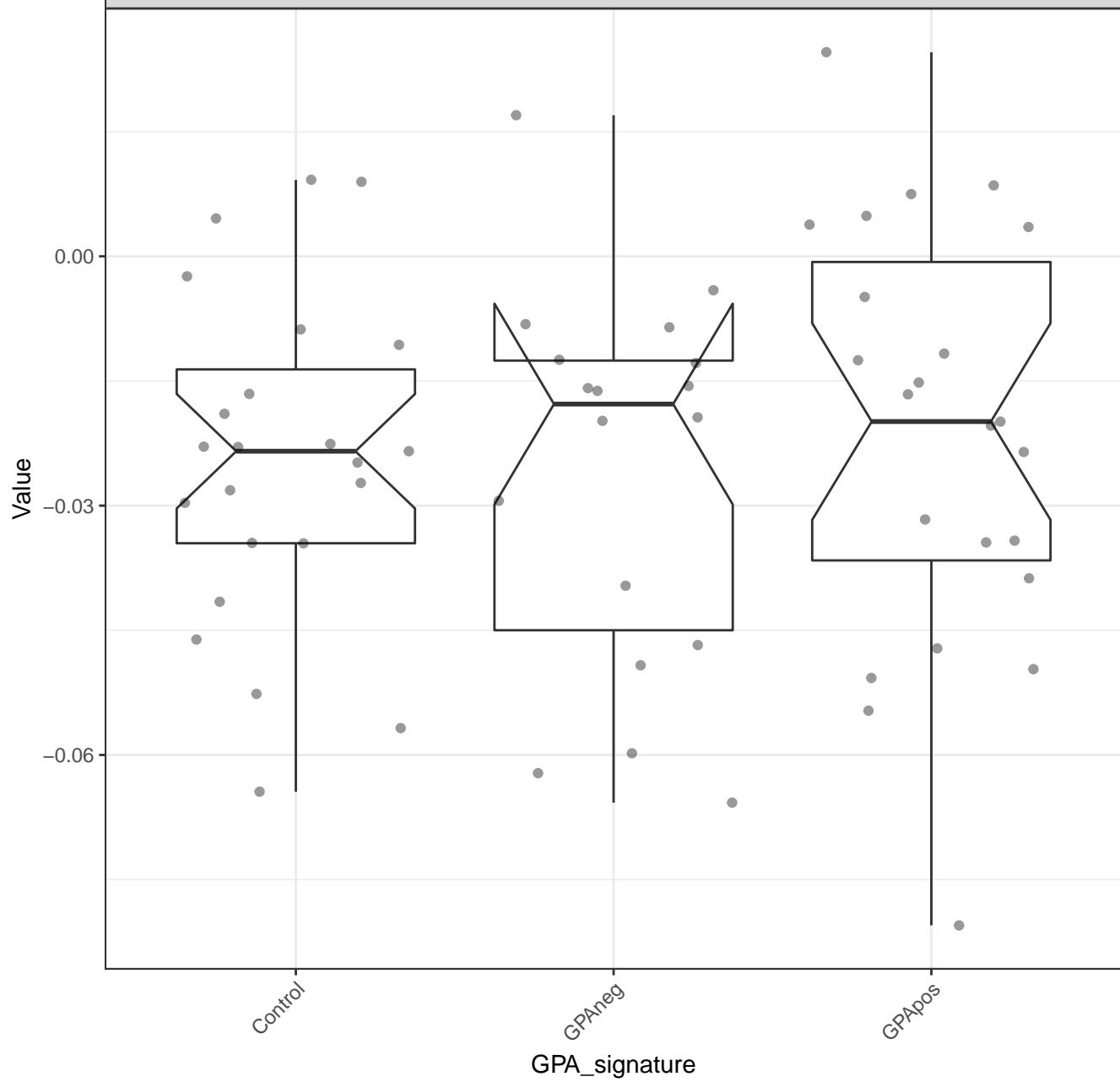


LV 900

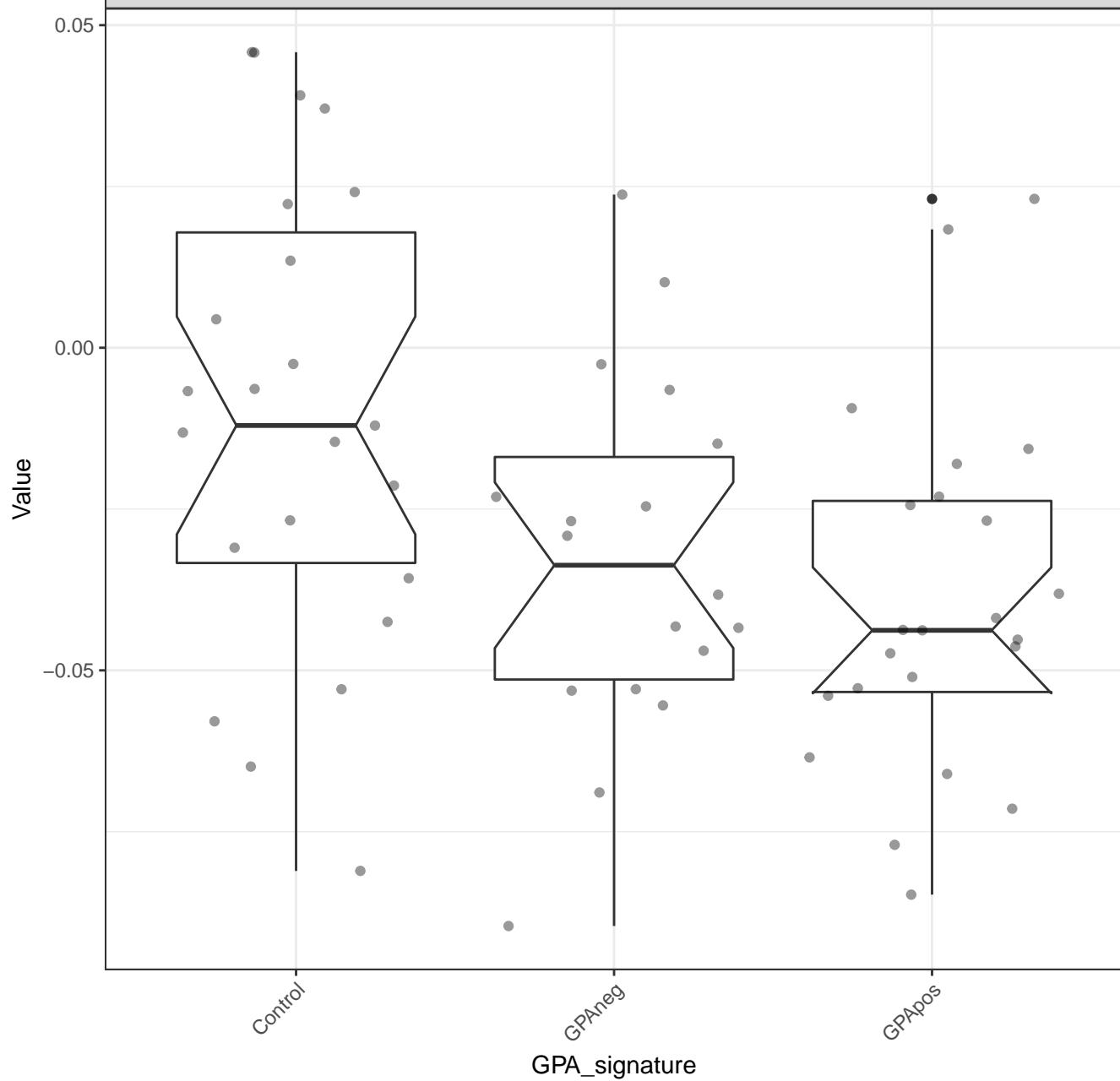
Value



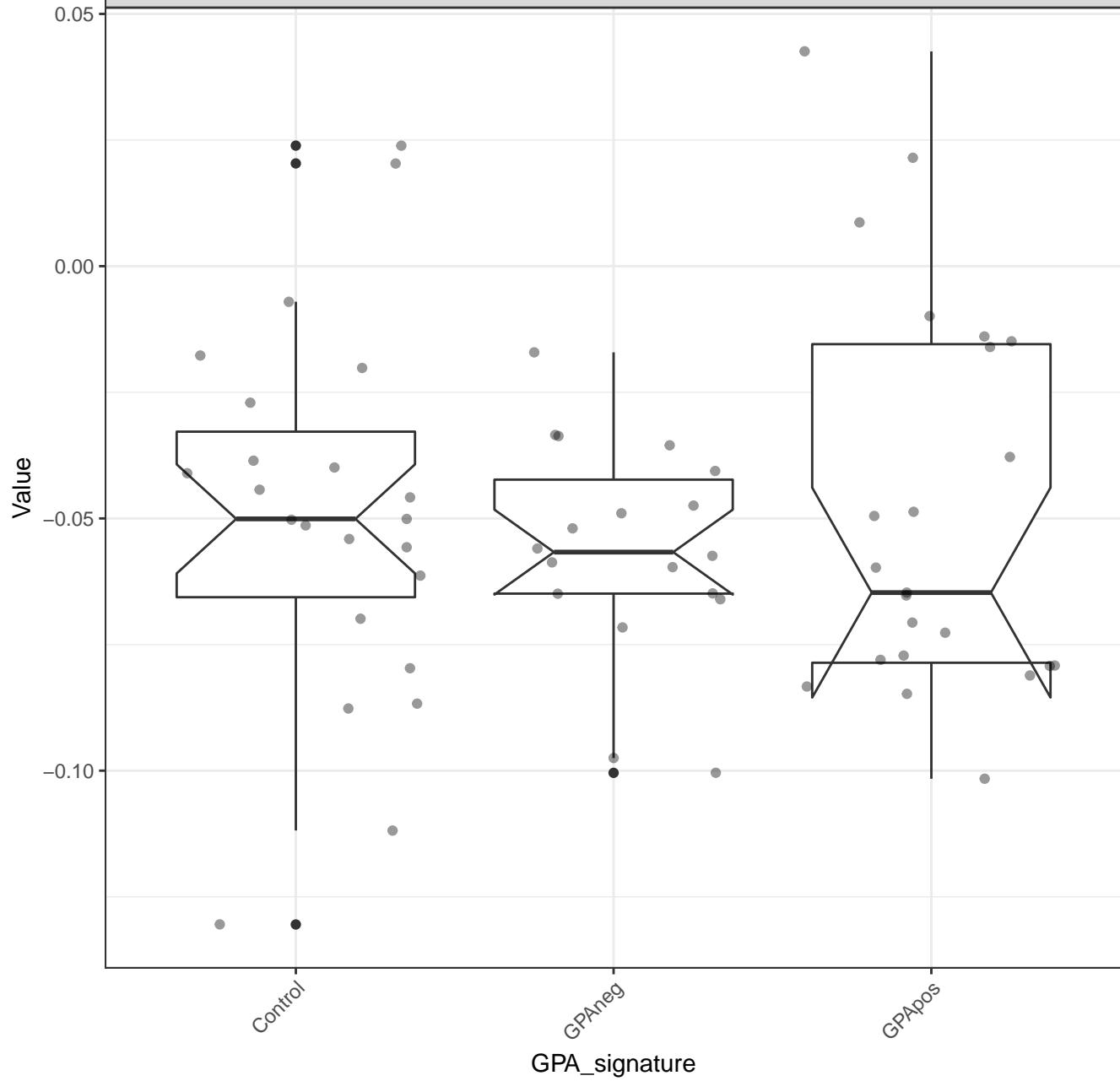
LV 901



902,DMAP_PRE_BCELL3

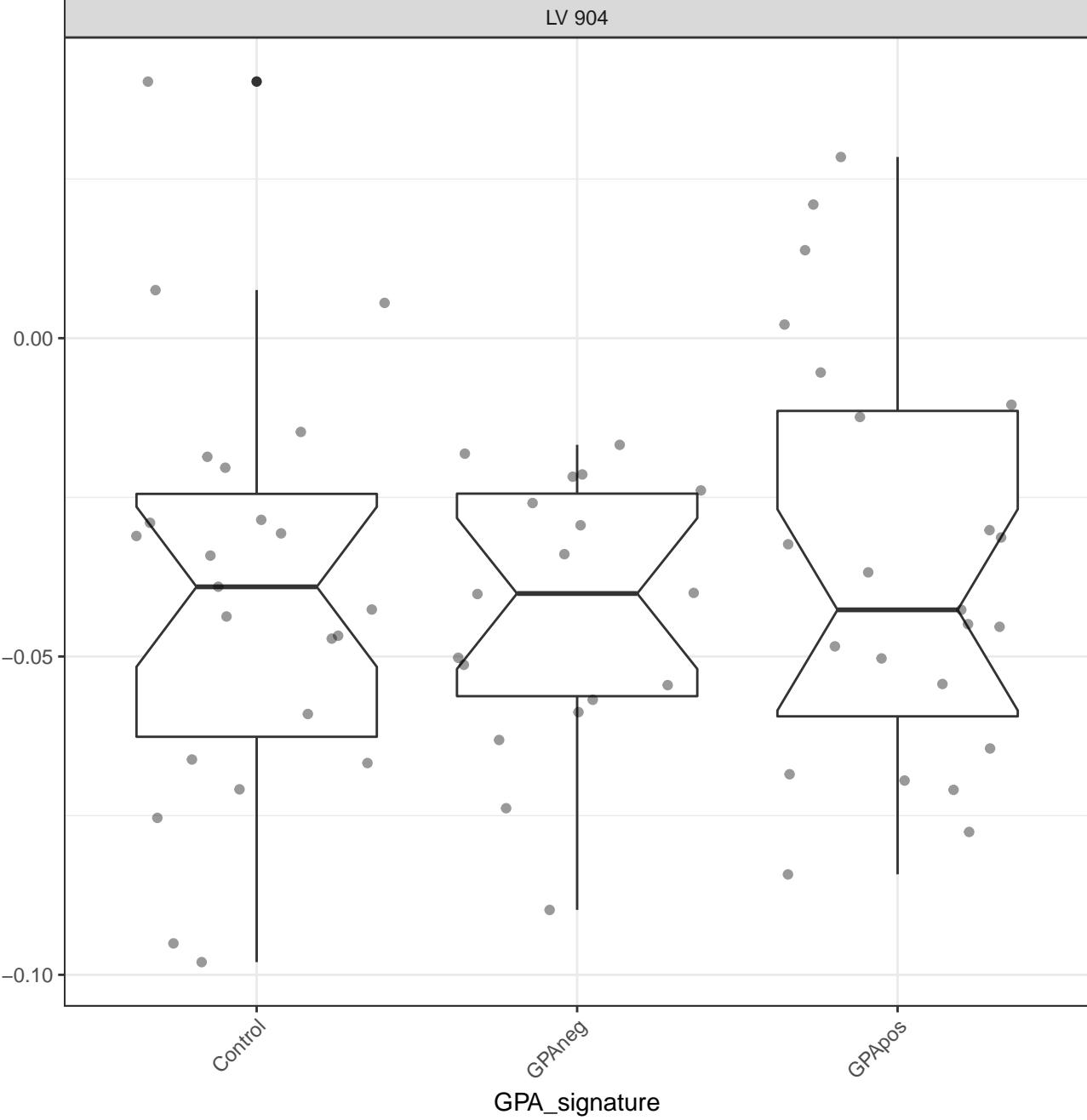


LV 903

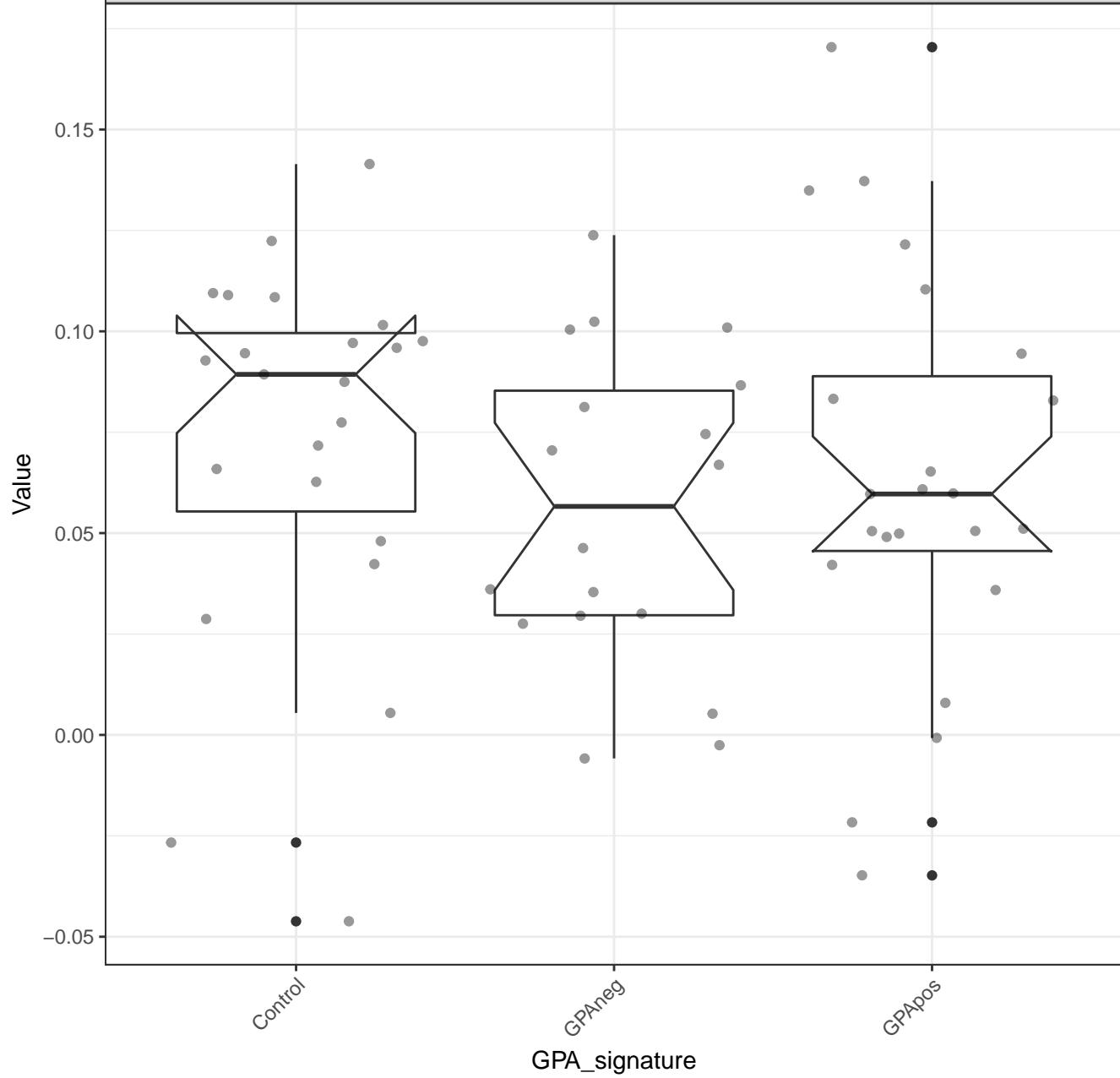


LV 904

Value



905,MIPS_NOP56P_ASSOCIATED_PRE_RRNA_COMPLEX



LV 906

Value

0.05

0.00

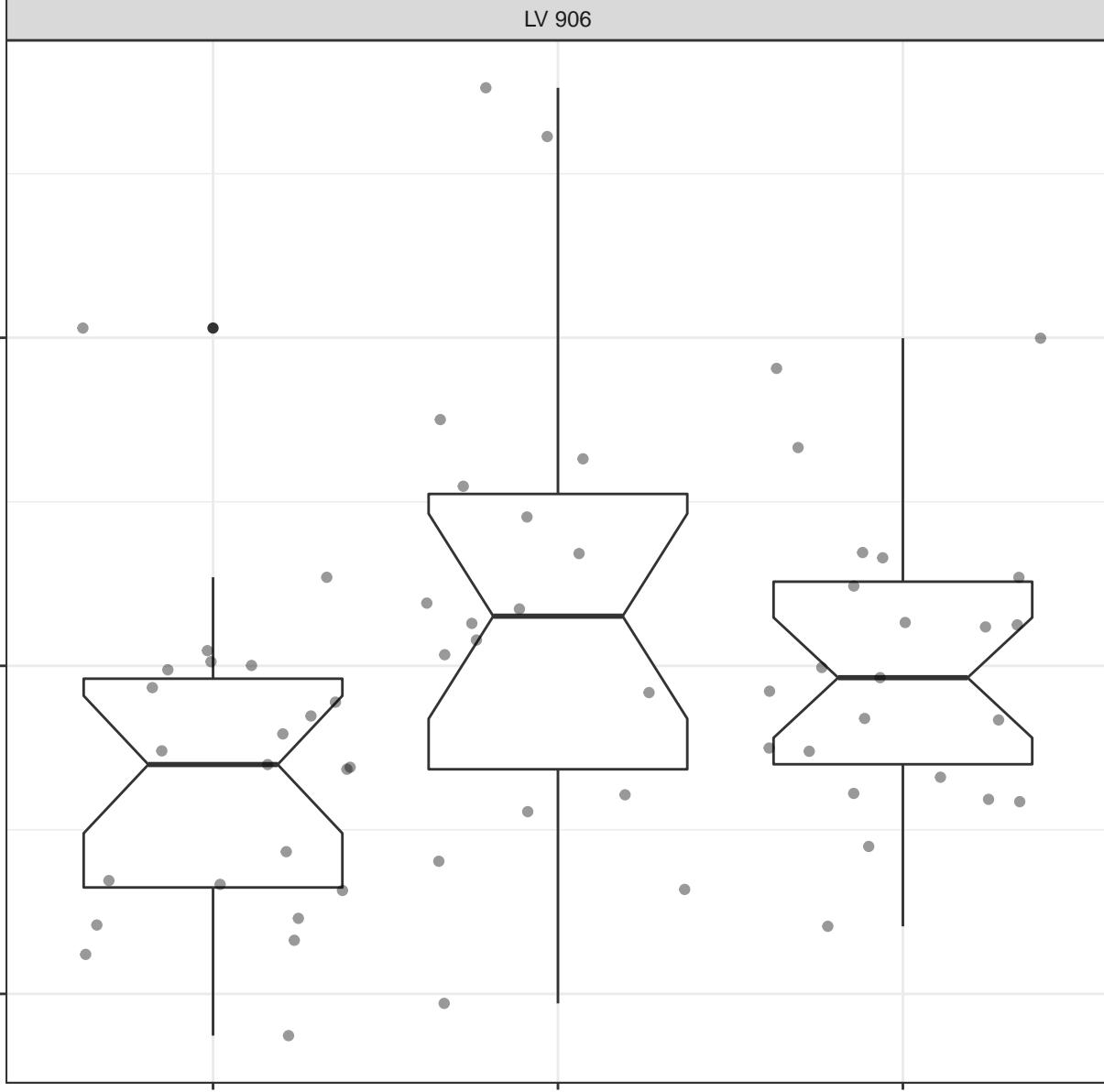
-0.05

Control

GPA_signature

GPAneg

GPApos



LV 907

Value

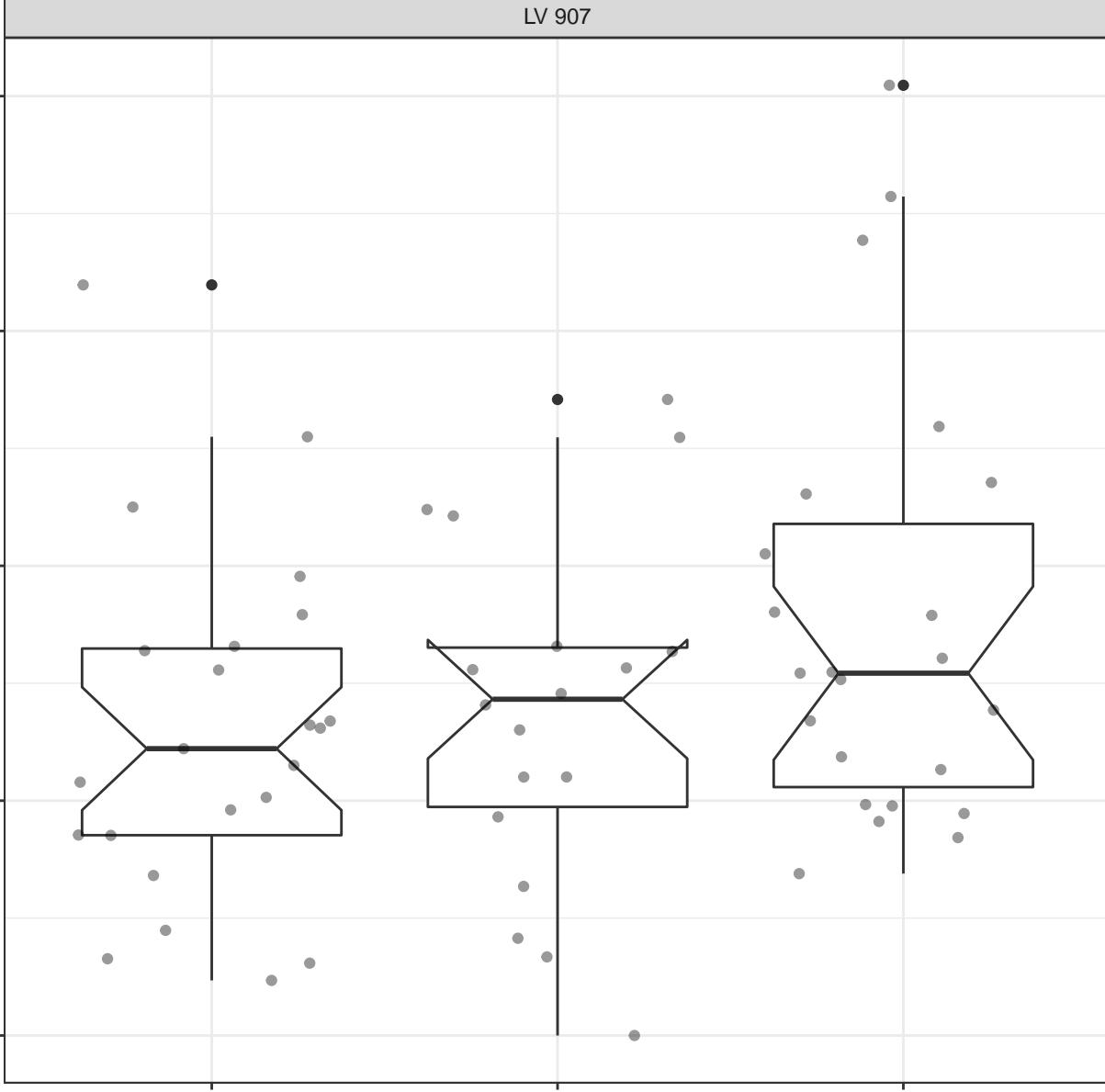
0.06
0.03
0.00
-0.03
-0.06

Control

GPAneg

GPAPos

GPA_signature



Value

0.05

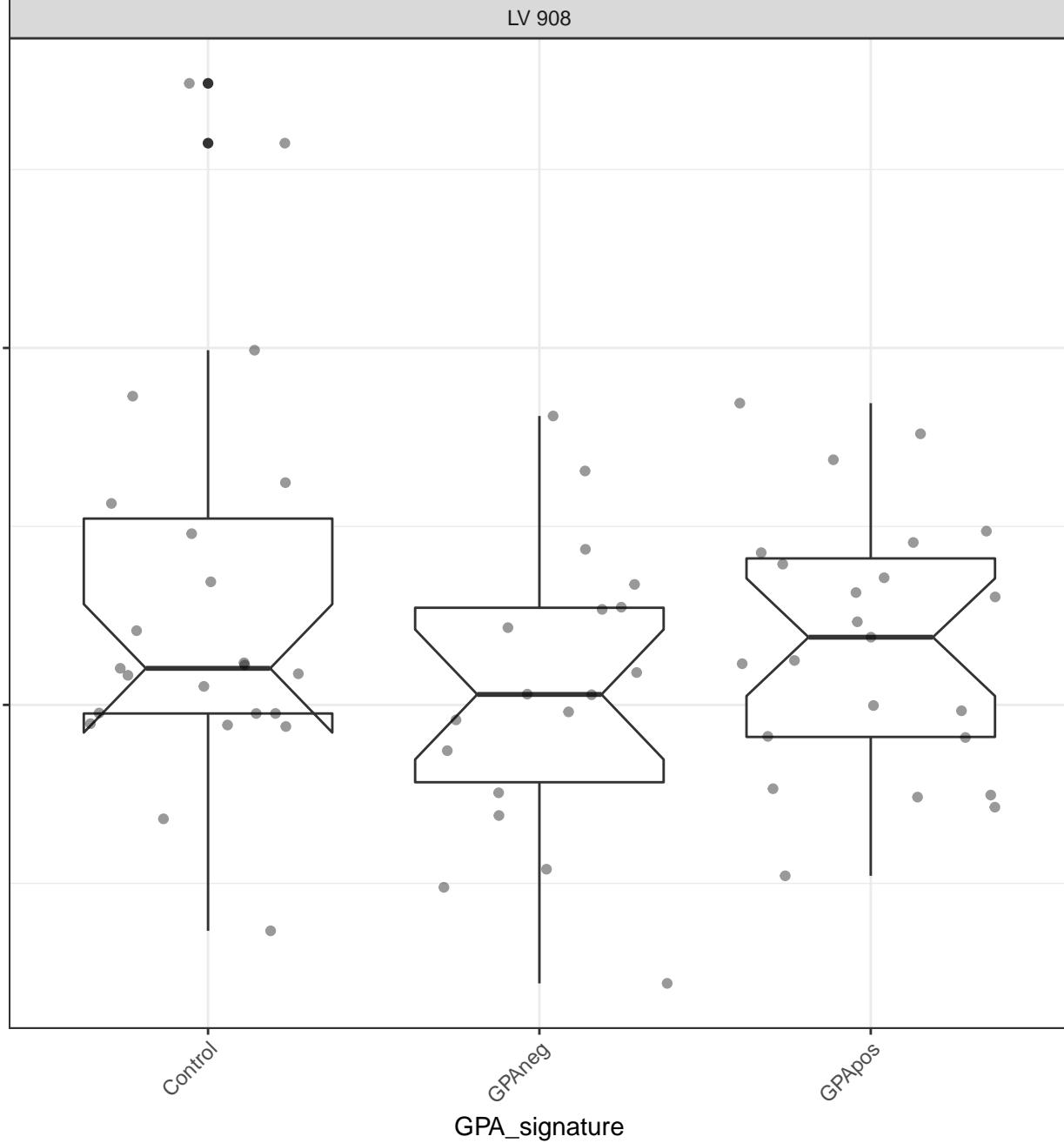
0.00

Control

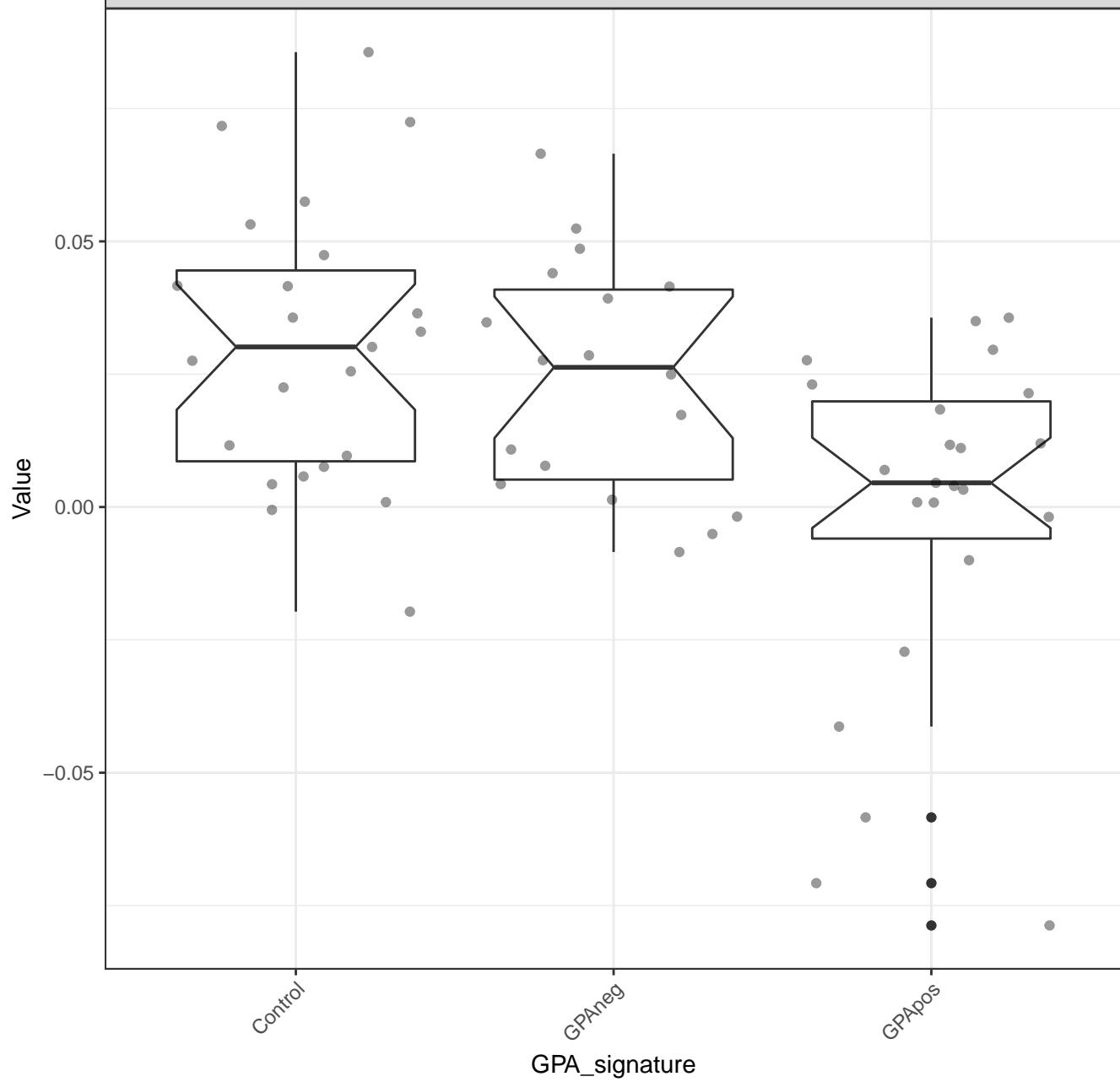
GPA_signature

GPAneg

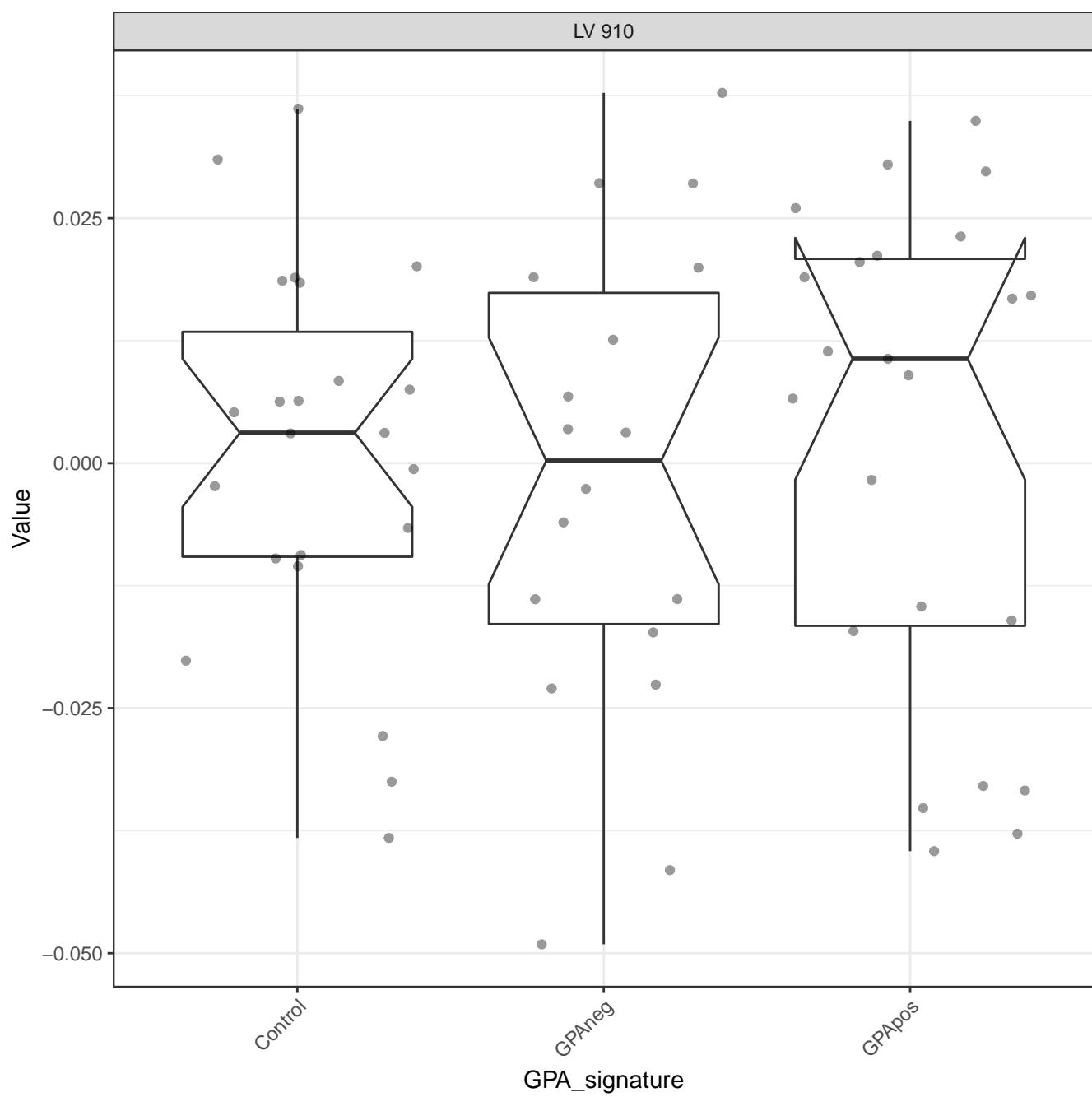
GPApos



LV 909



LV 910



LV 911

Value

0.05

0.00

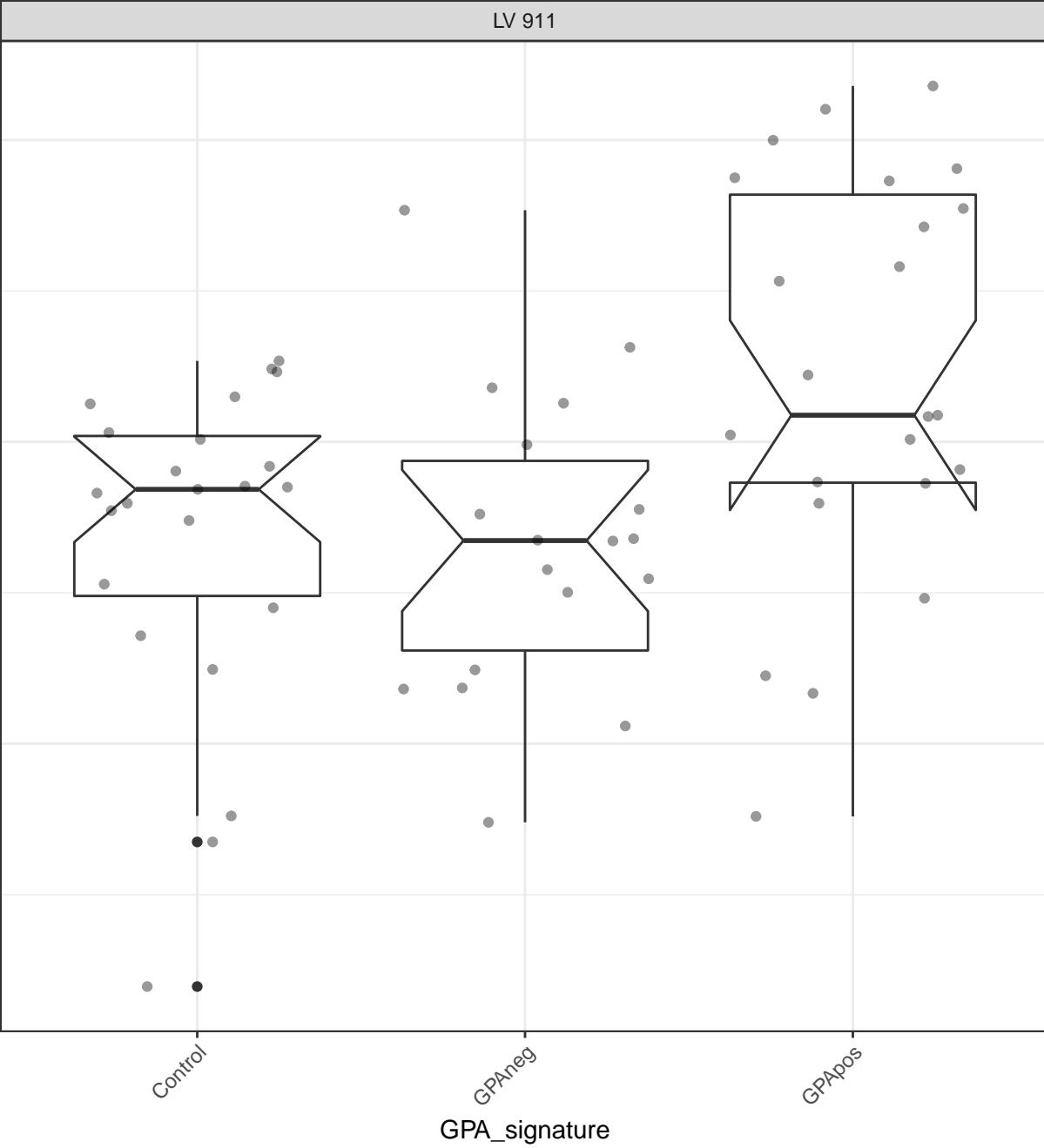
-0.05

Control

GPAneg

GPApos

GPA_signature



LV 912

Value

0.05

0.00

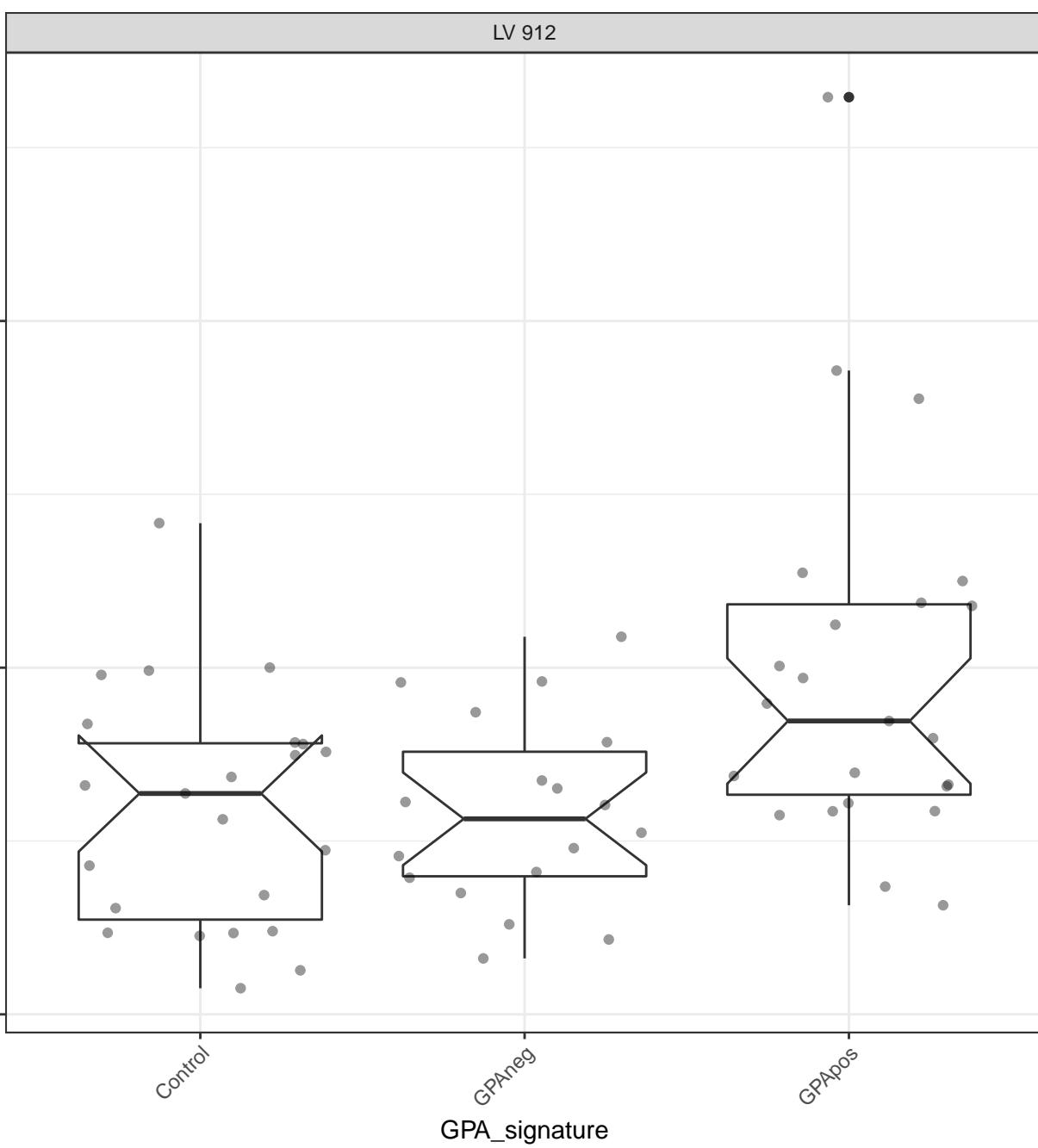
-0.05

Control

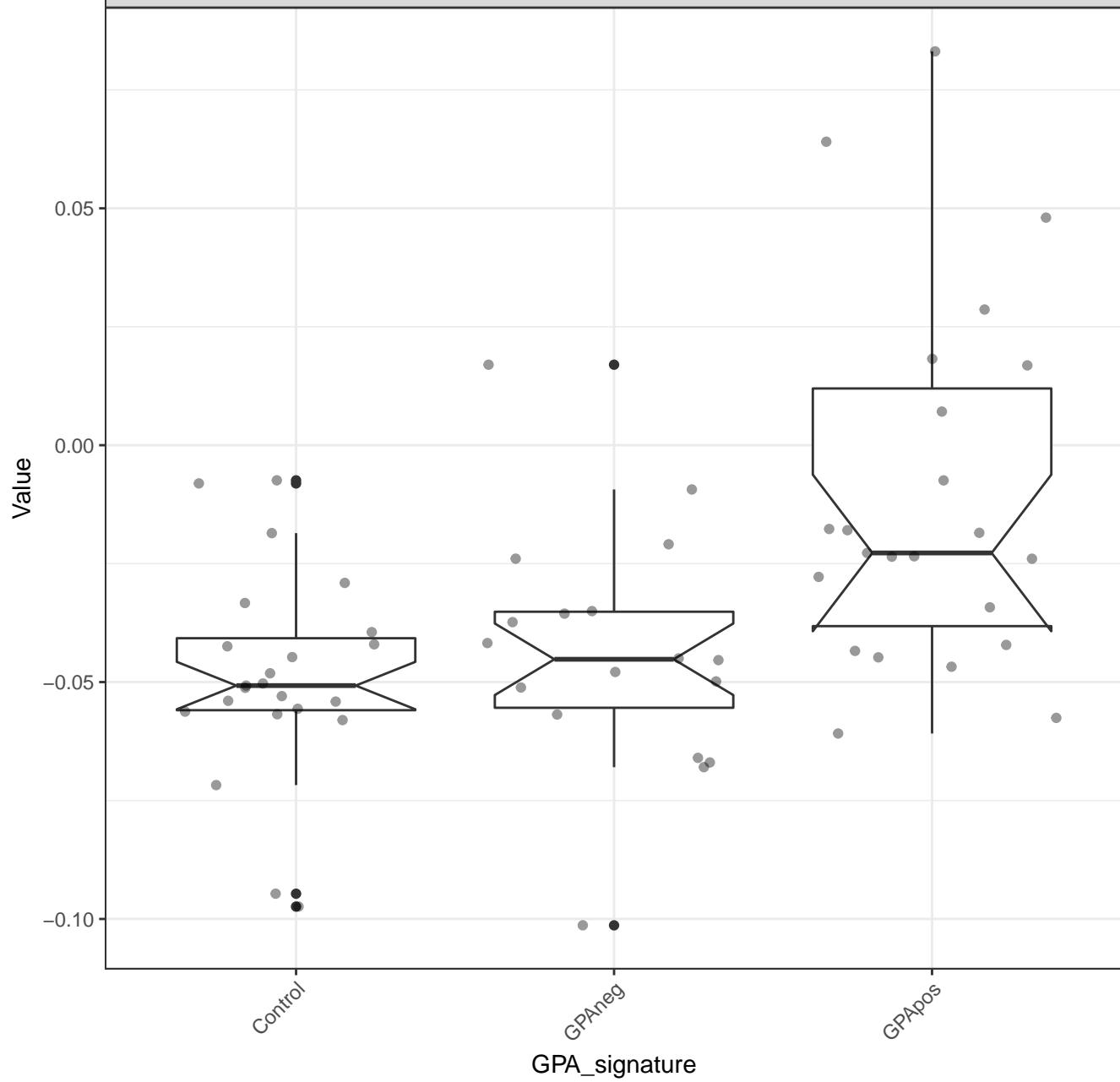
GPA_signature

GPAneg

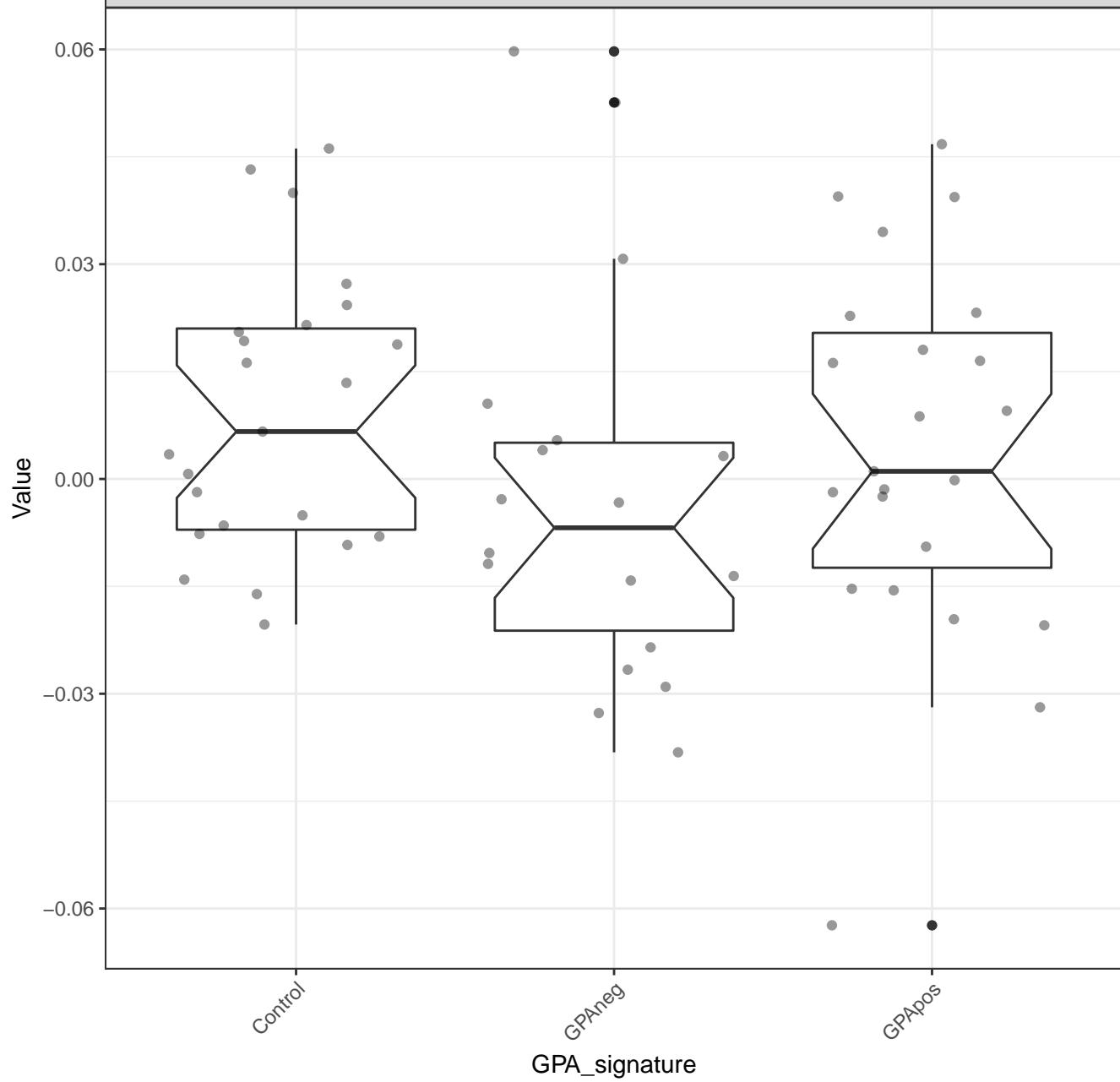
GPAPos



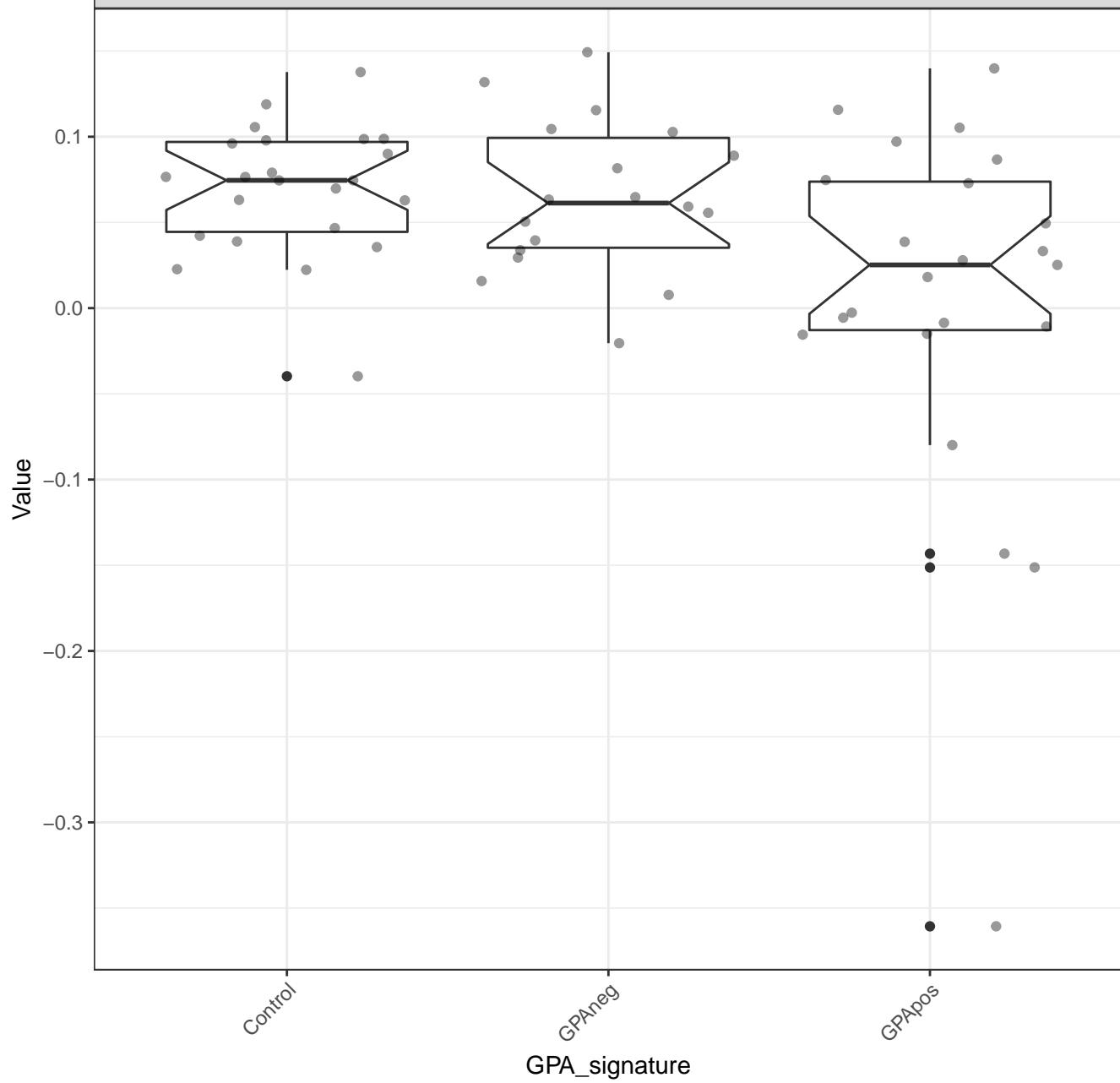
LV 913



LV 914



915,MIPS_SPLICEOSOME



LV 916

Value

0.05

0.00

-0.05

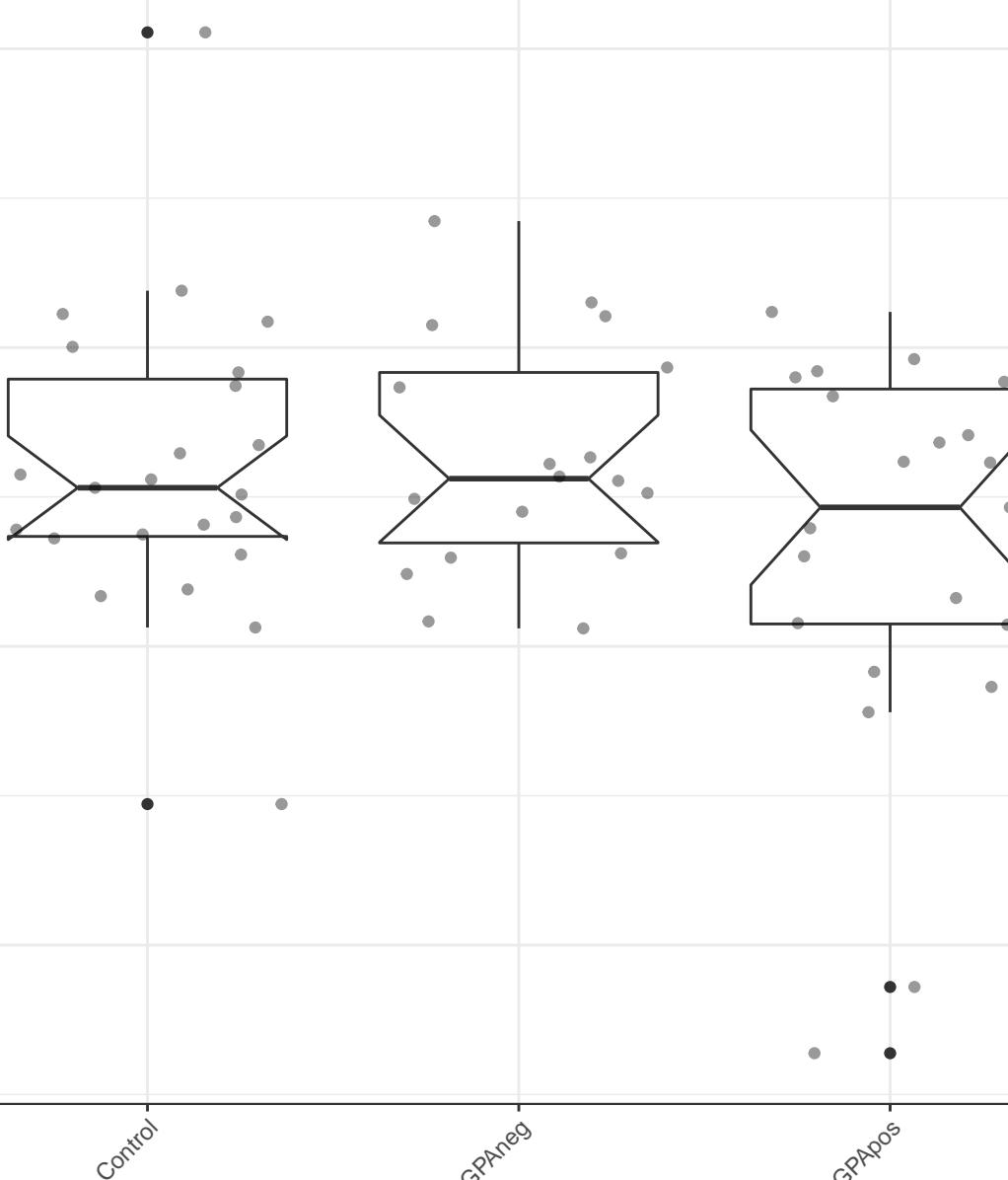
-0.10

Control

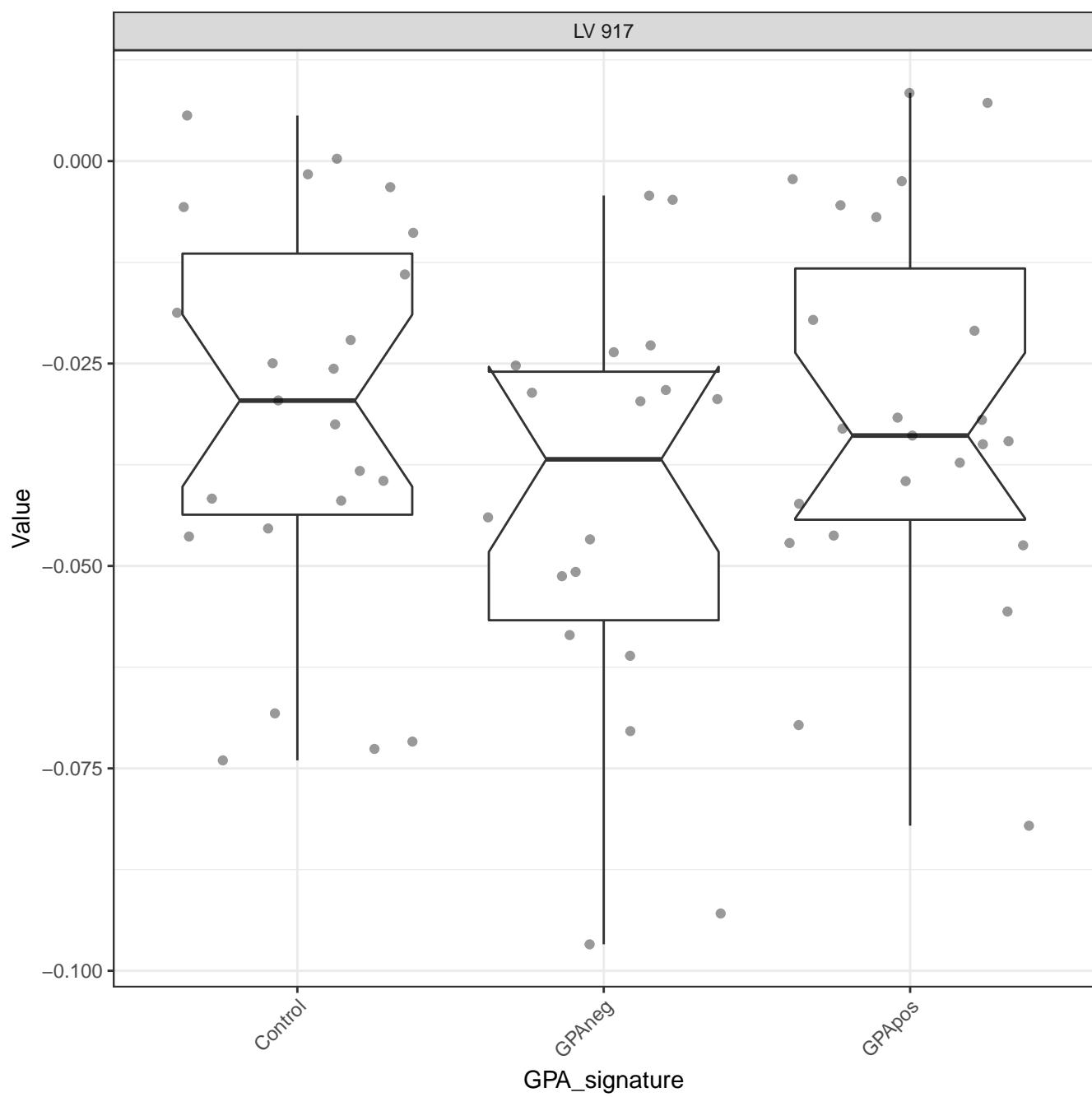
GPA_signature

GPAneg

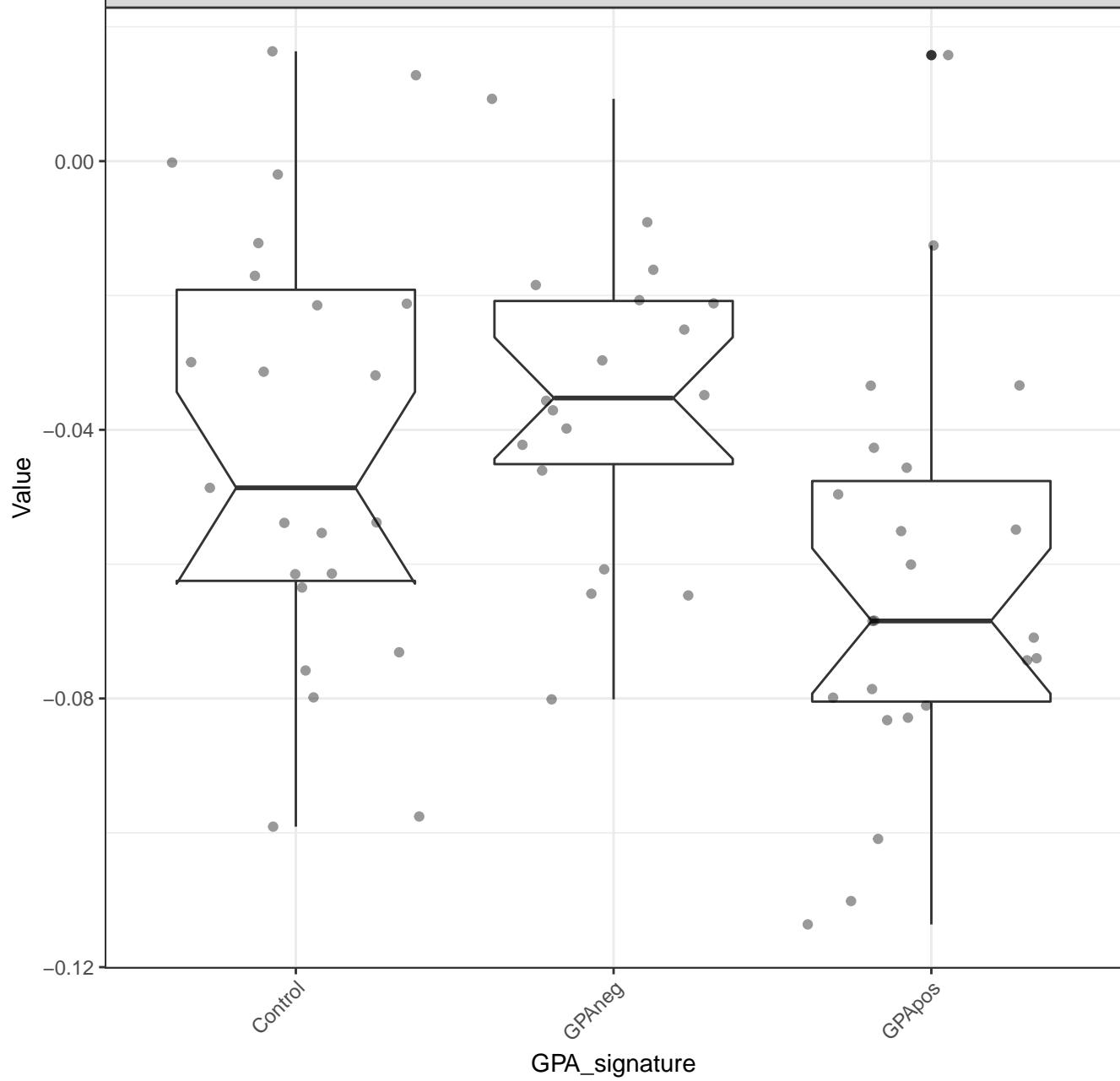
GPApos



LV 917



LV 918



LV 919

Value

0.05

0.00

-0.05

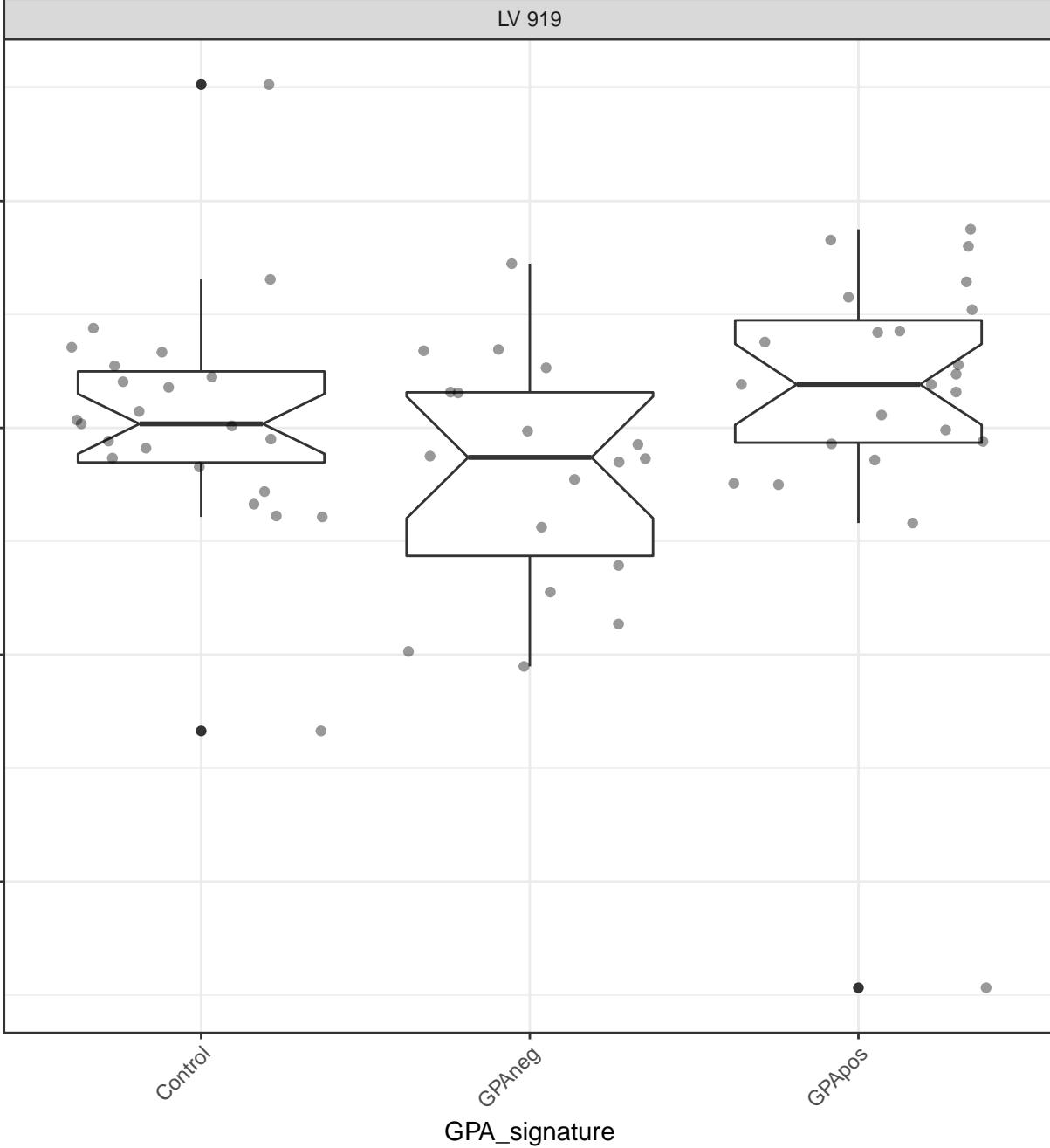
-0.10

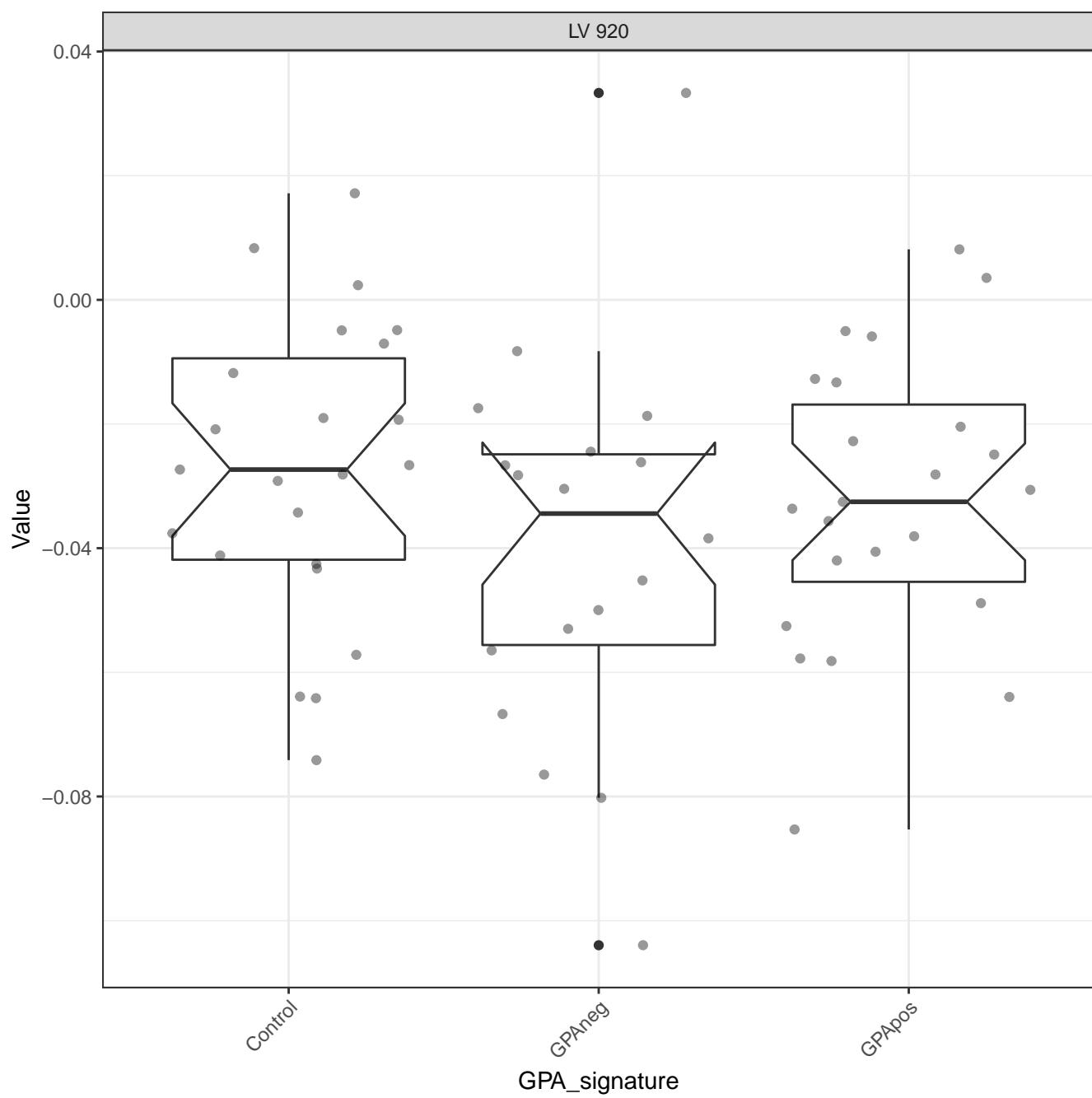
Control

GPAneg

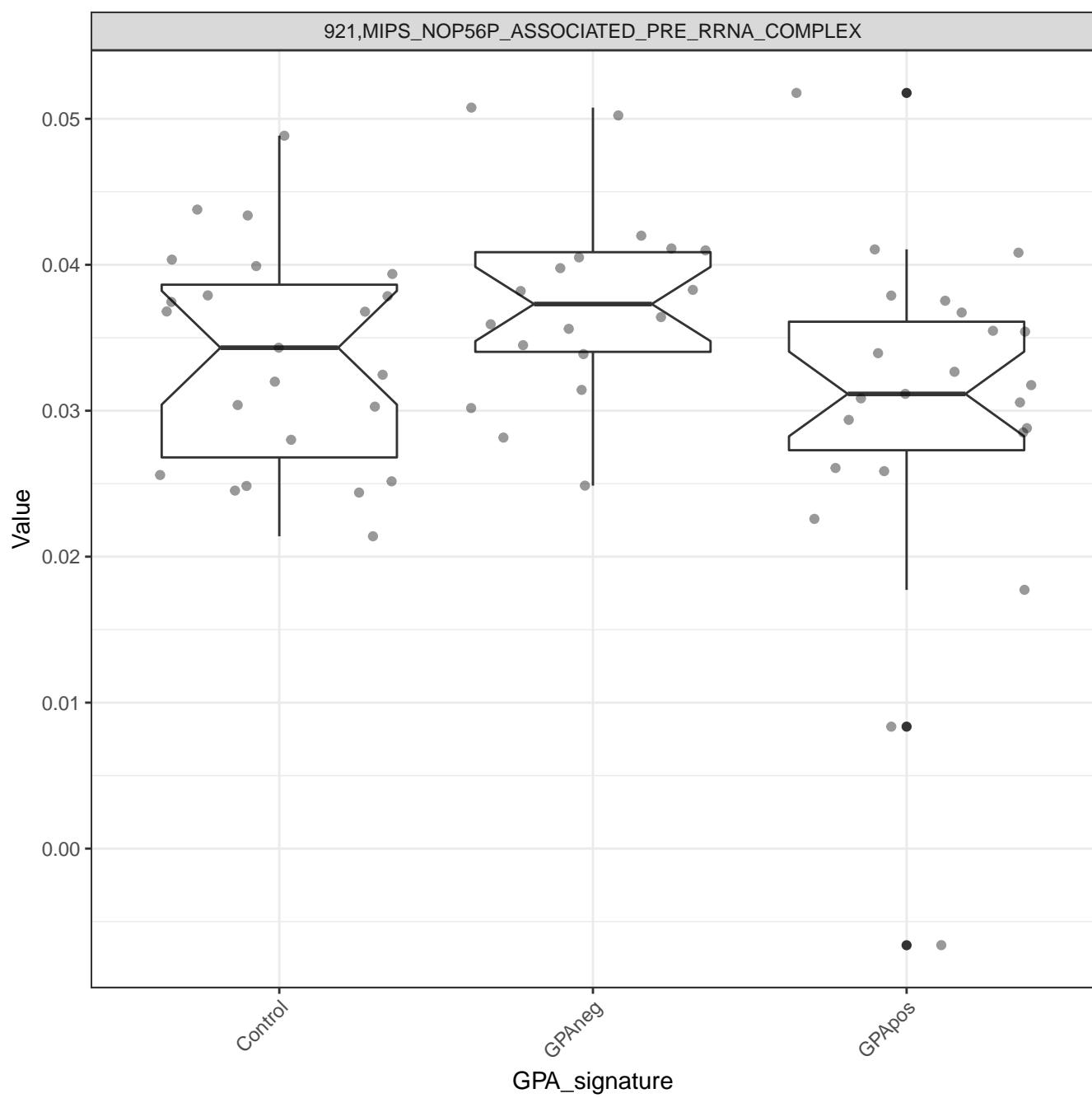
GPAPos

GPA_signature

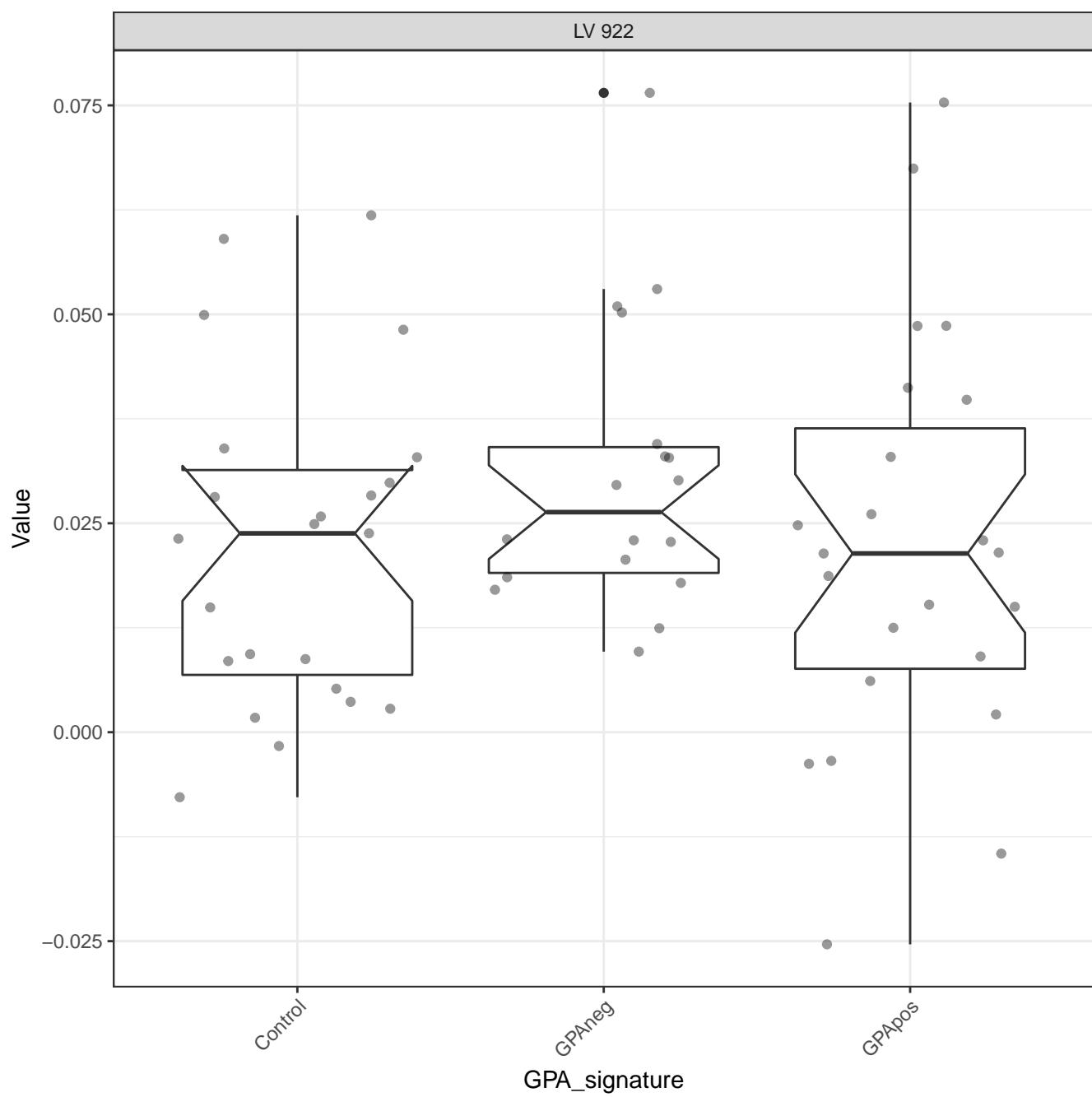




921,MIPS_NOP56P_ASSOCIATED_PRE_RRNA_COMPLEX



LV 922



LV 923

Value

0.05

0.00

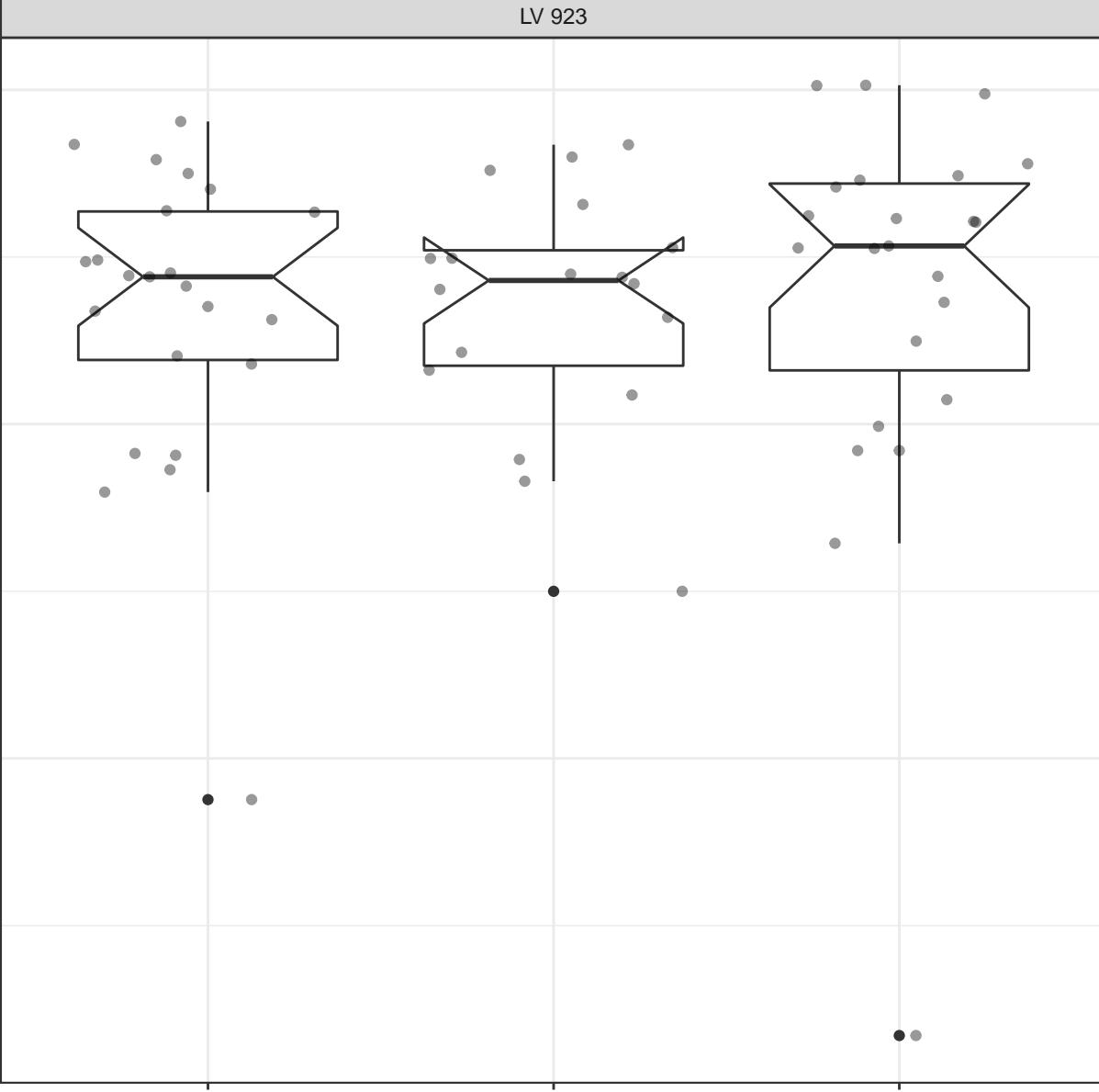
-0.05

Control

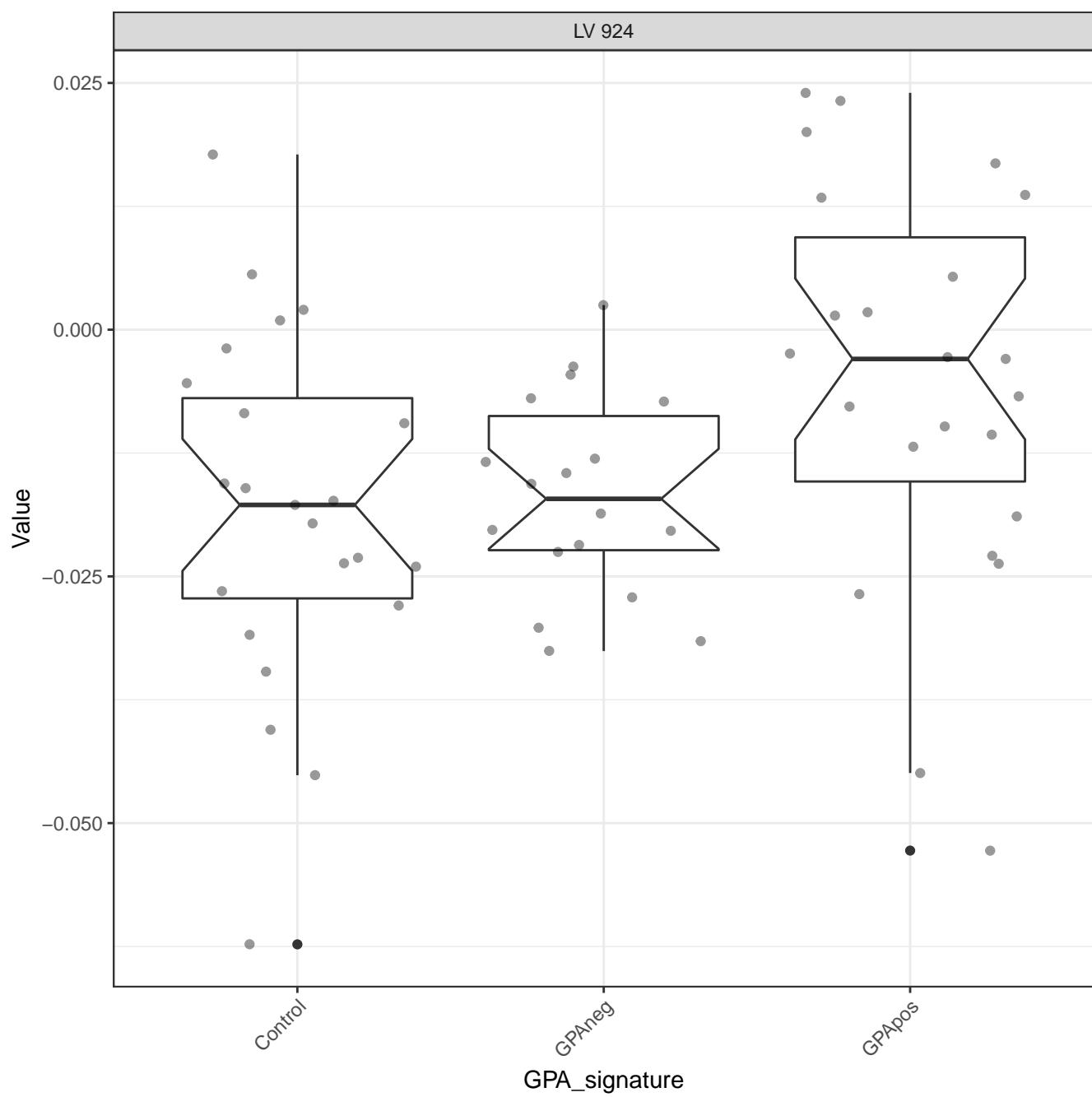
GPA_signature

GPAneg

GPApos



LV 924



LV 925

Value

0.05

0.00

-0.05

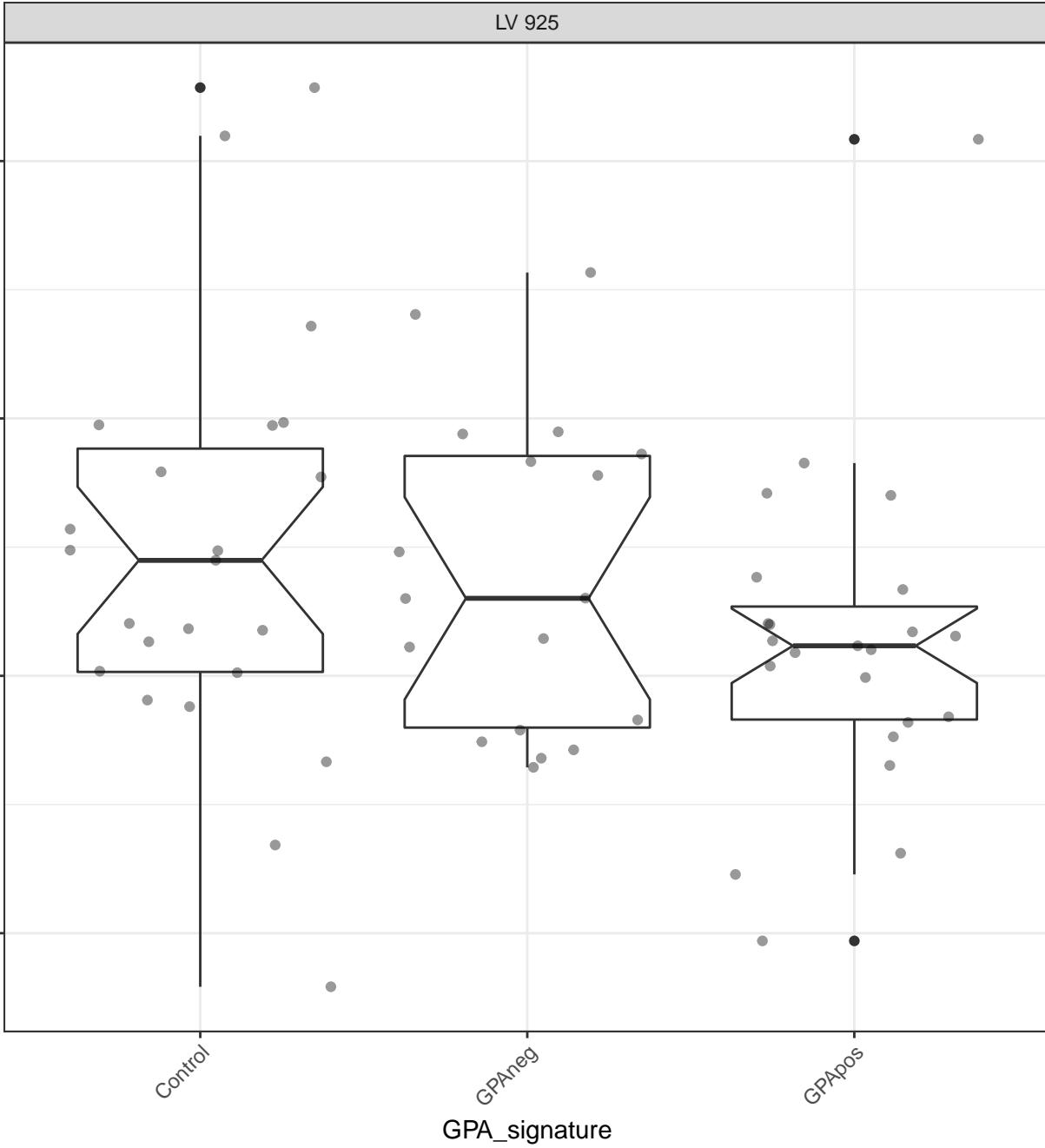
-0.10

Control

GPAneg

GPApos

GPA_signature



LV 926

Value

0.04

0.00

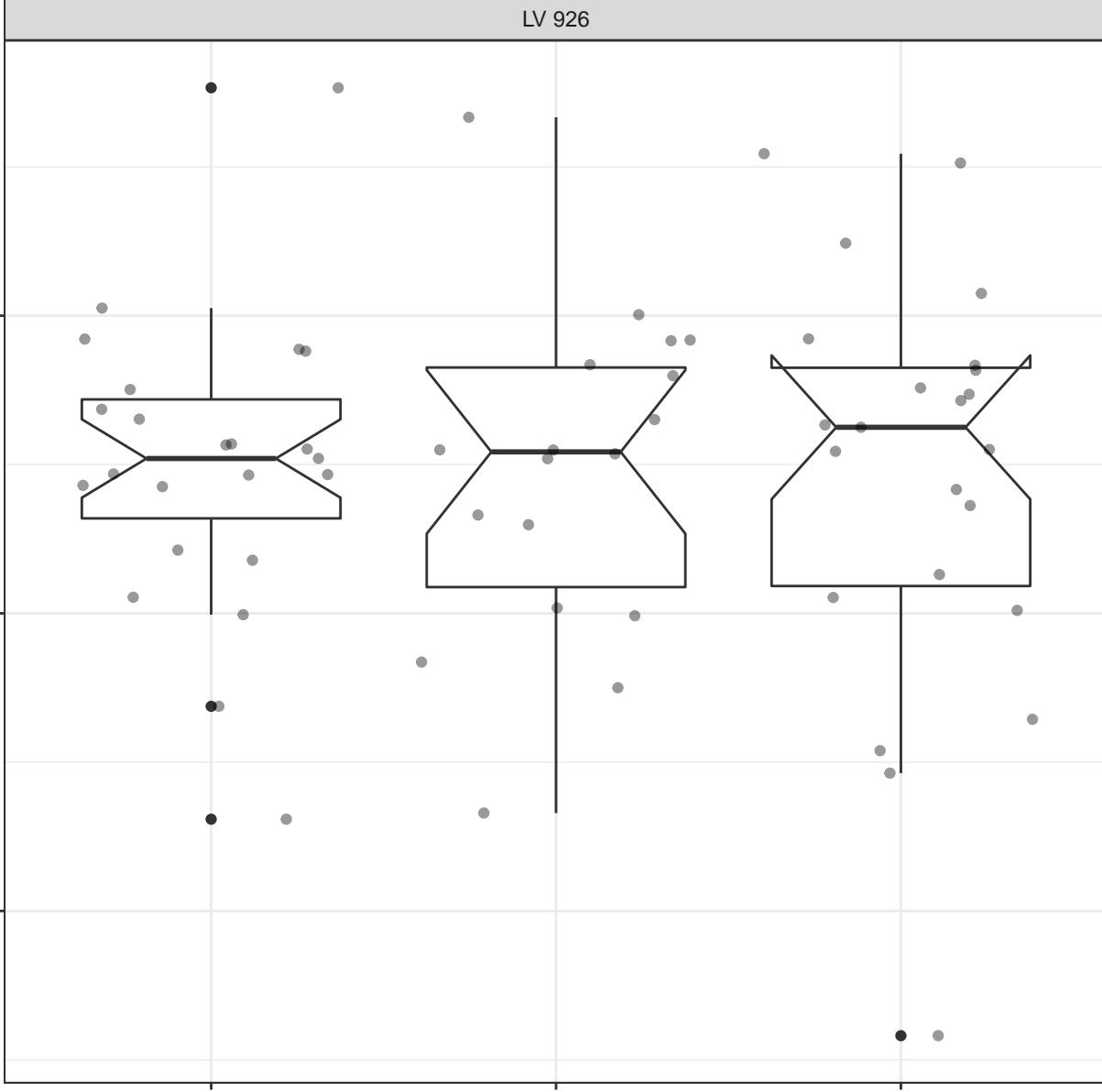
-0.04

Control

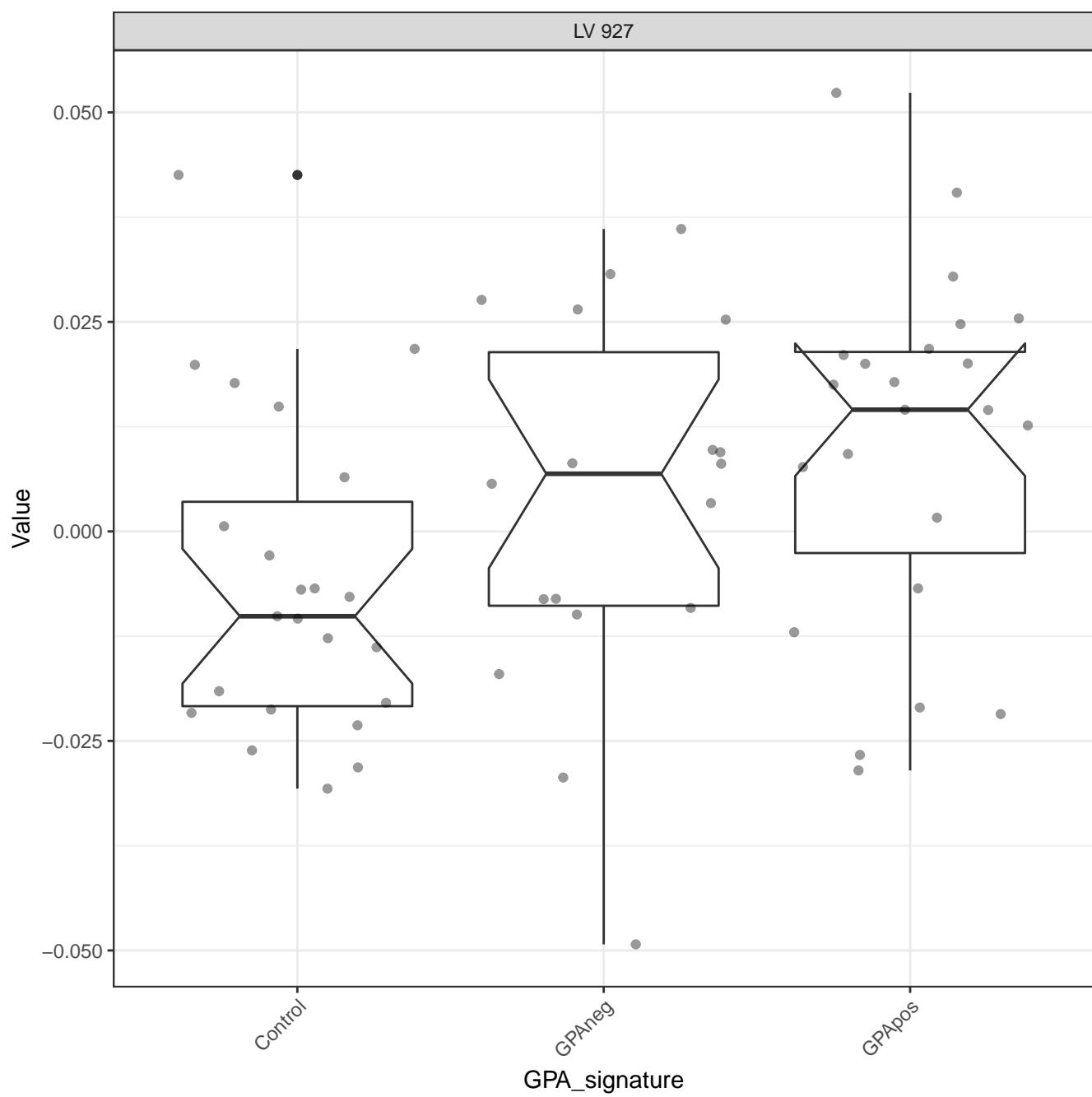
GPA_signature

GPAneg

GPApos



LV 927



928,DMAP_ERY3

Value

0.6

0.4

0.2

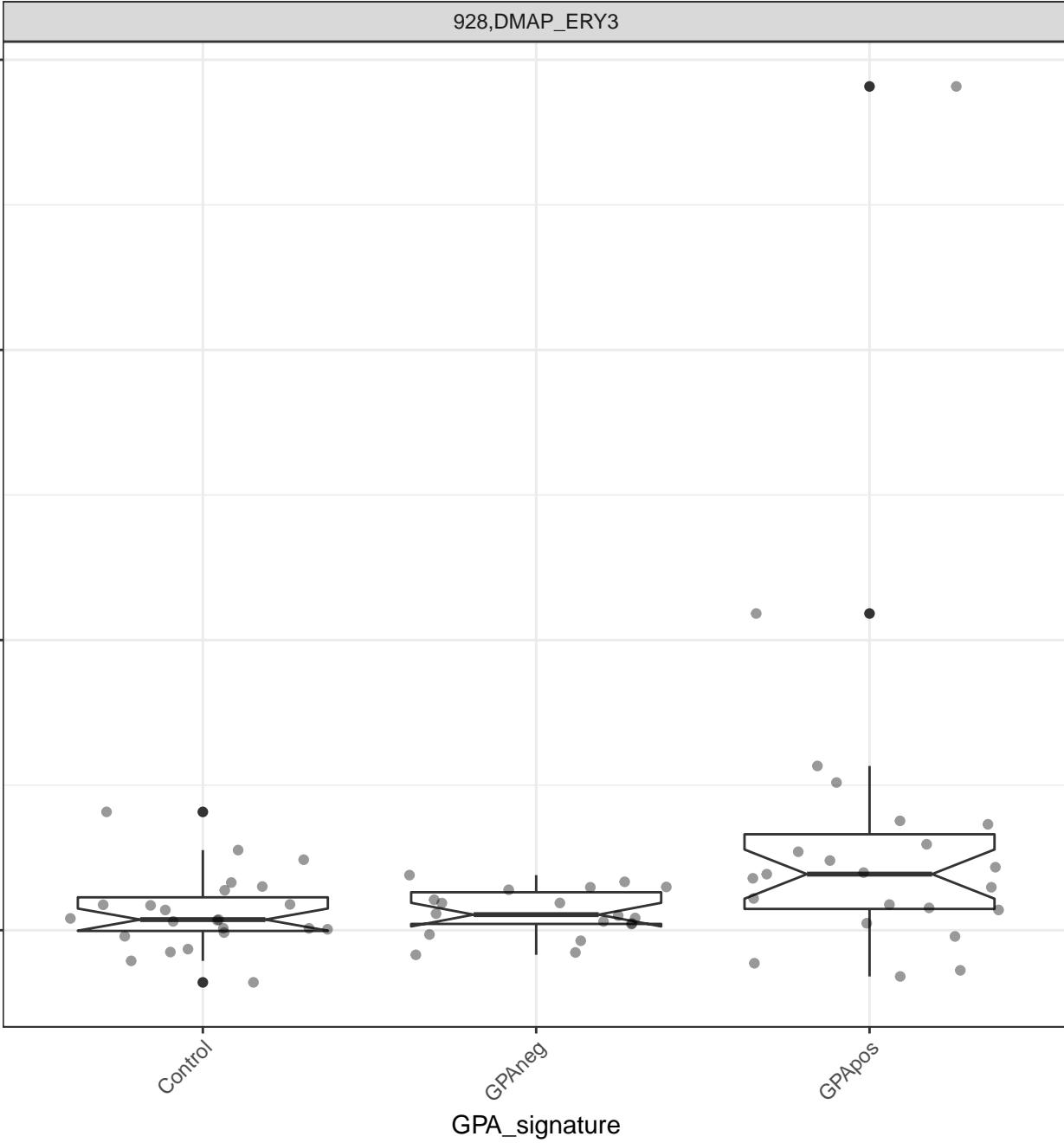
0.0

Control

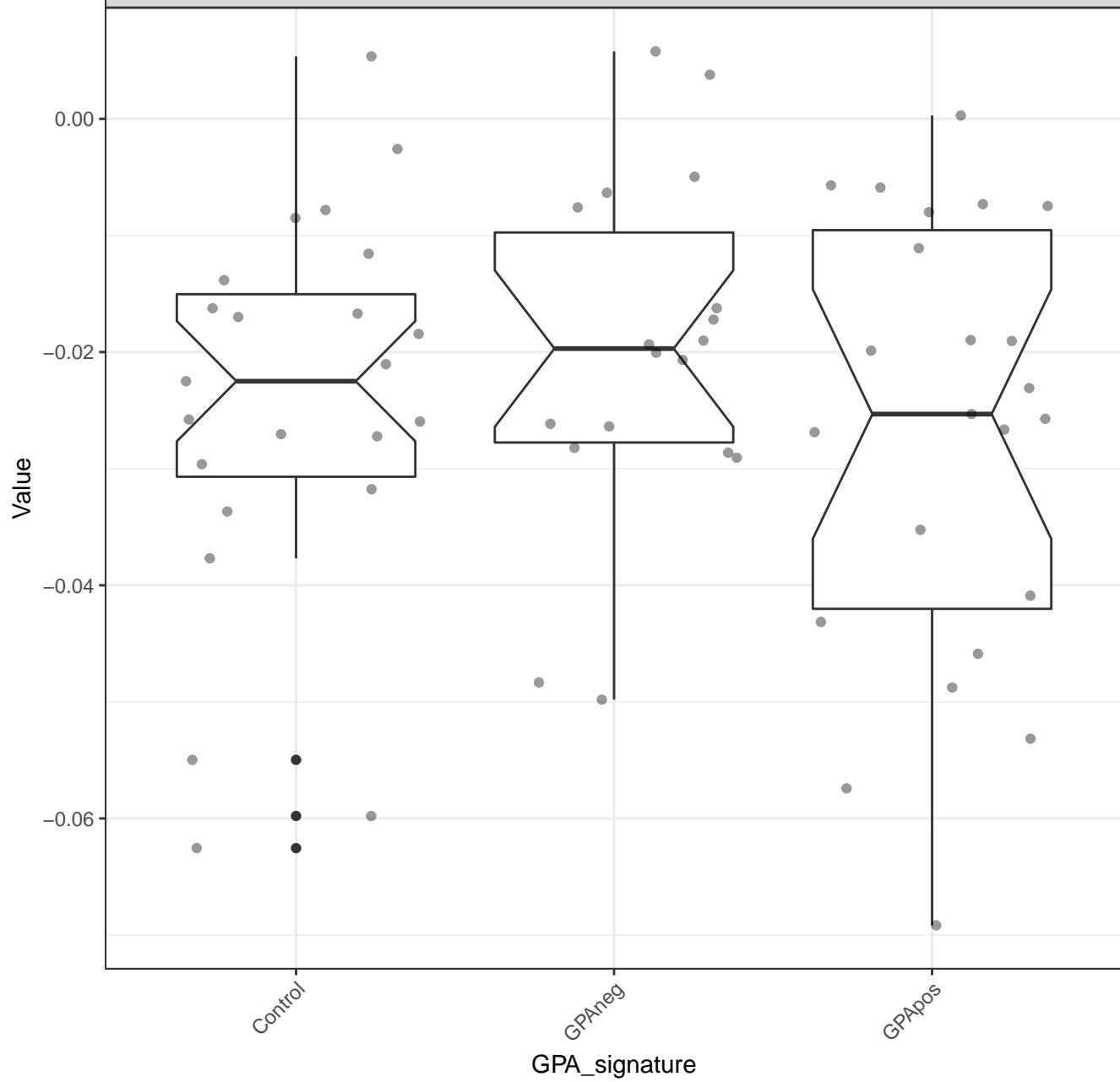
GPAneg

GPAPos

GPA_signature



LV 929



LV 930

Value

0.10

0.05

0.00

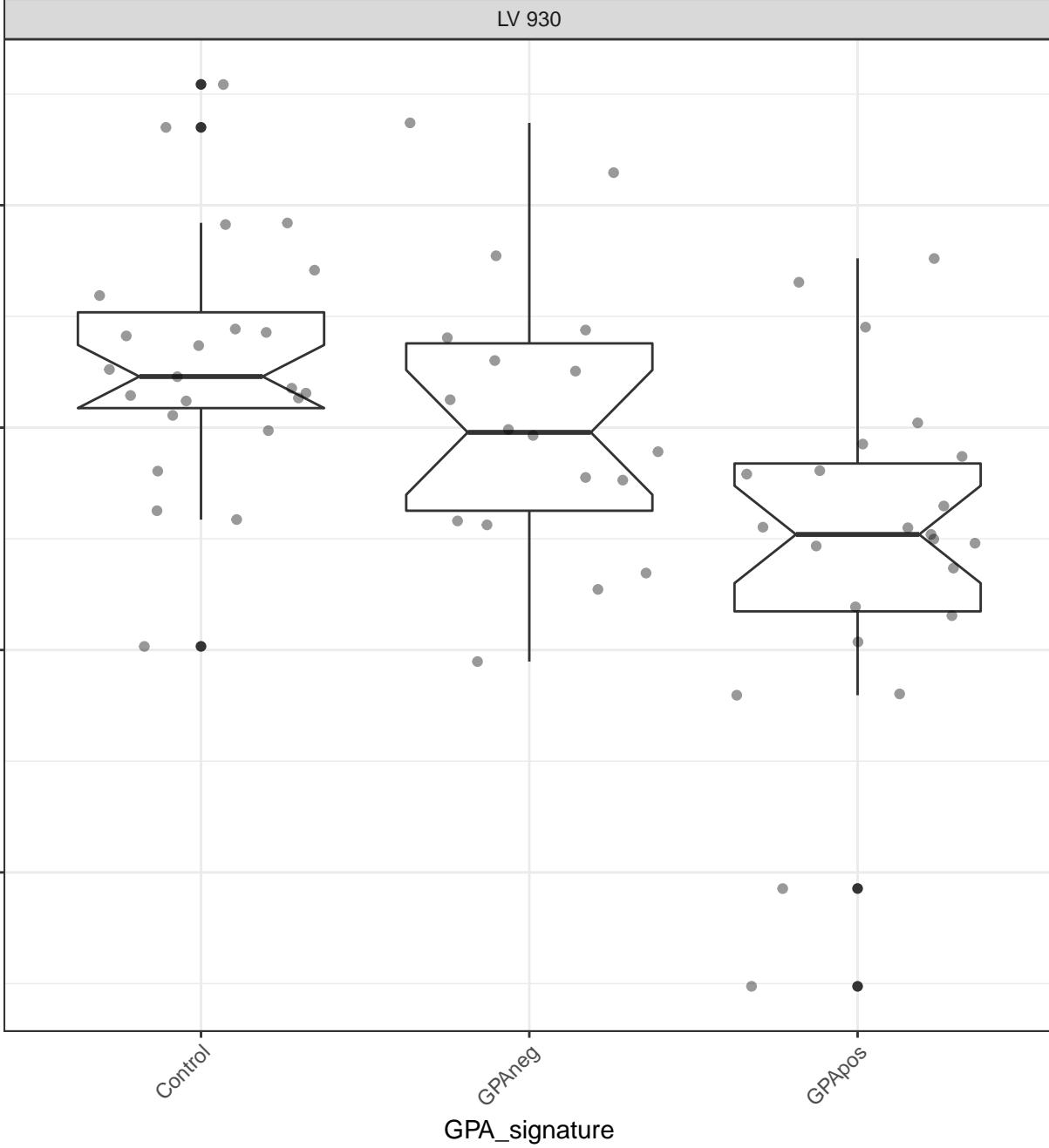
-0.05

Control

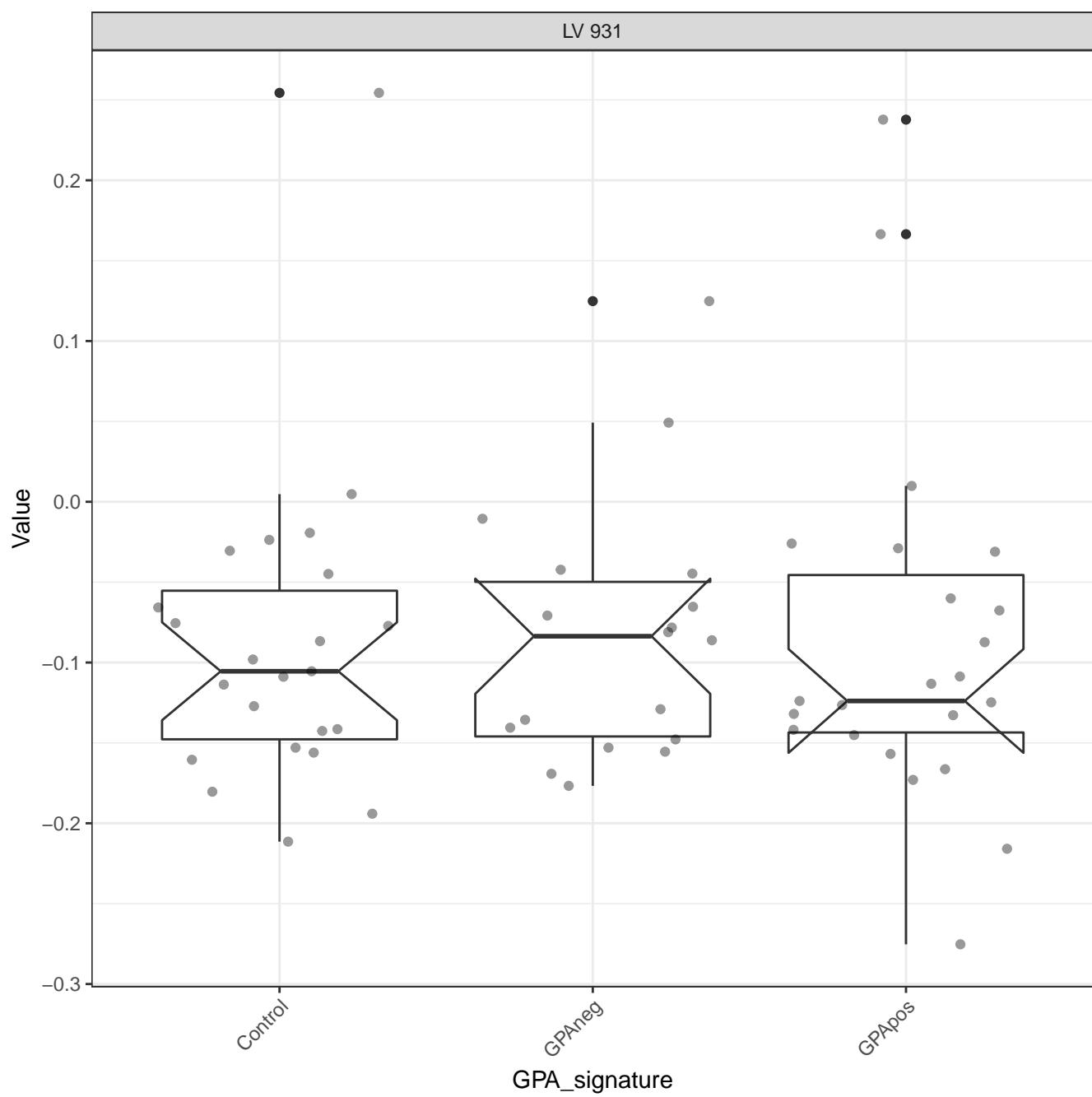
GPAneg

GPAPos

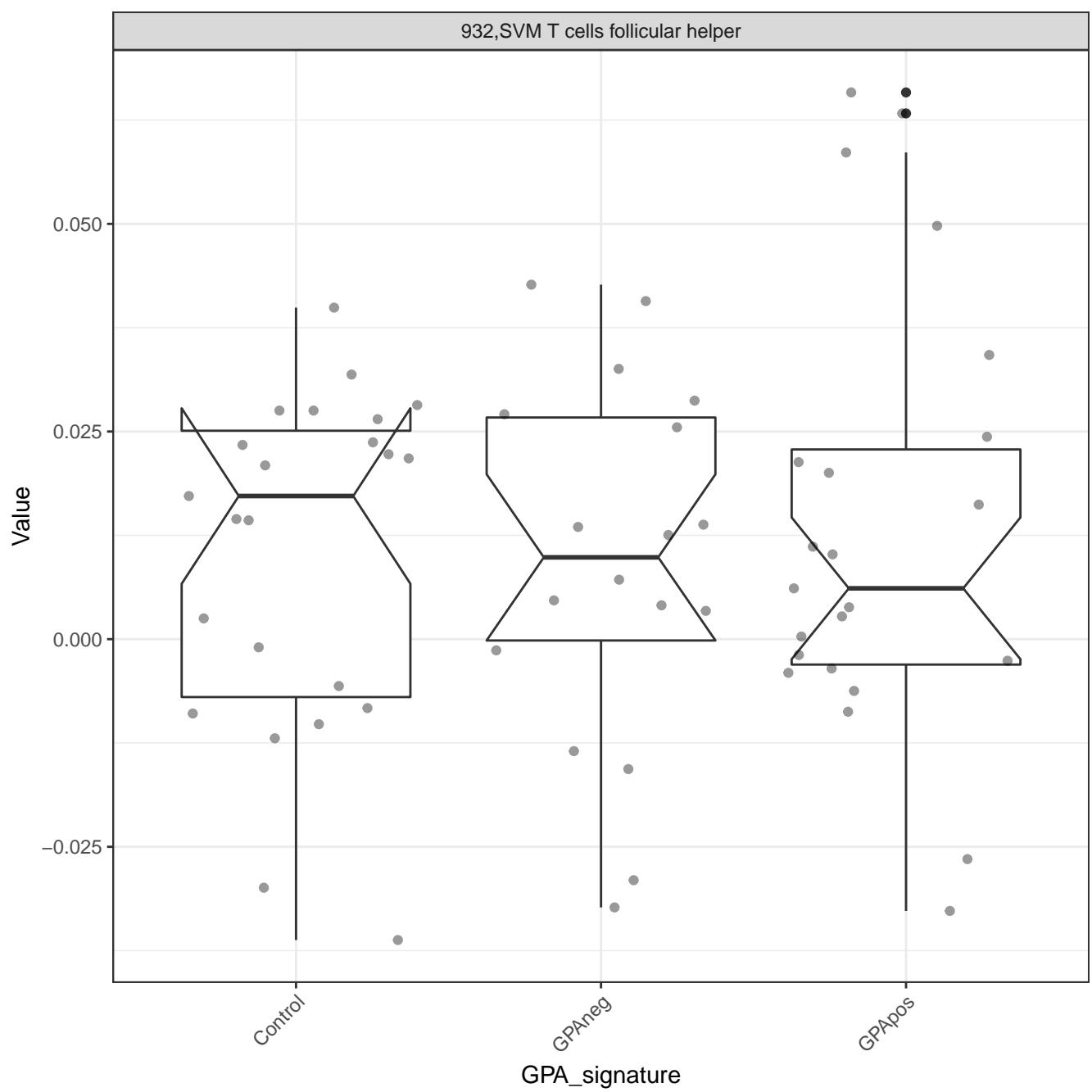
GPA_signature



LV 931



932,SVM T cells follicular helper



LV 933

Value

0.00

-0.03

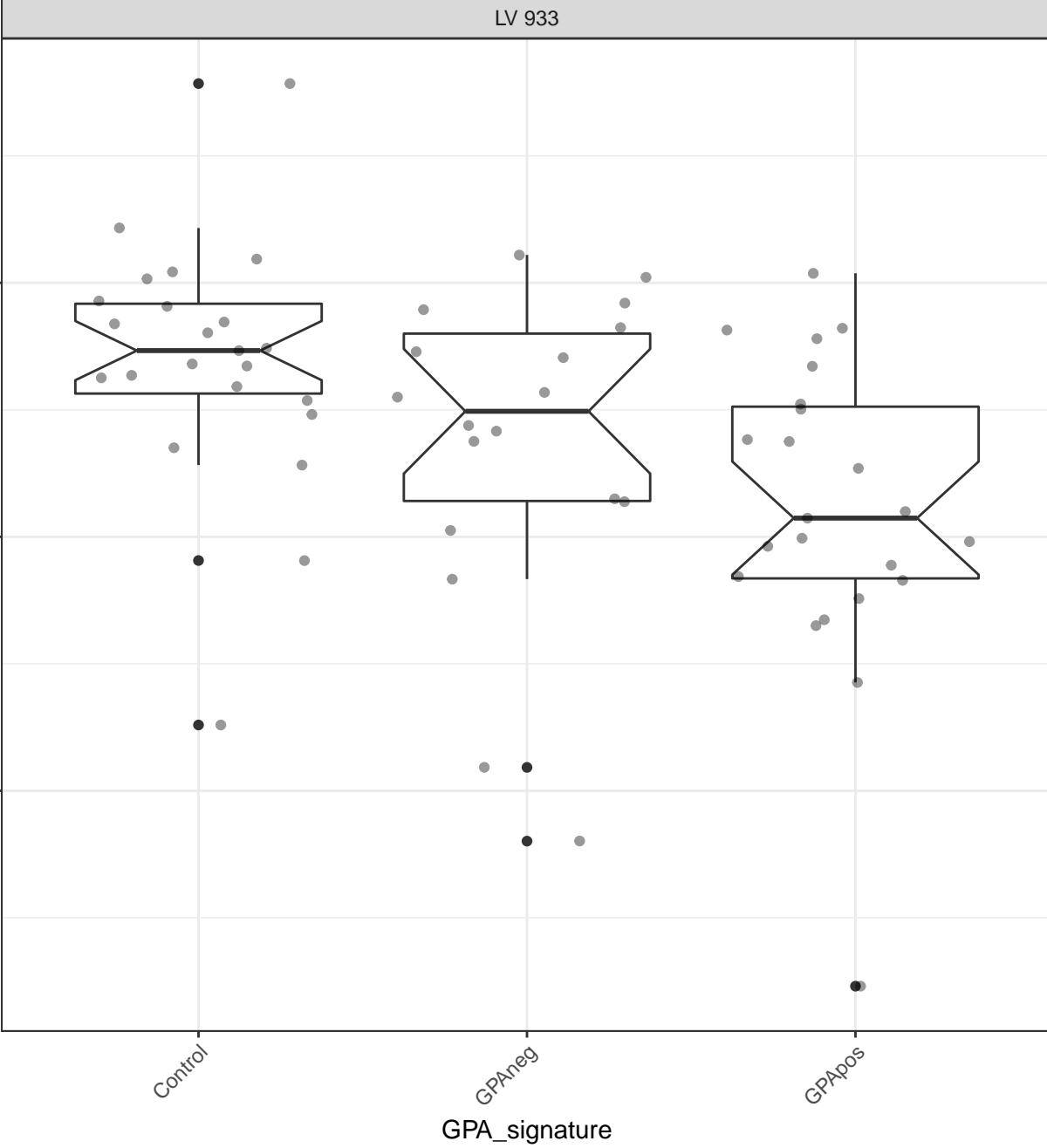
-0.06

Control

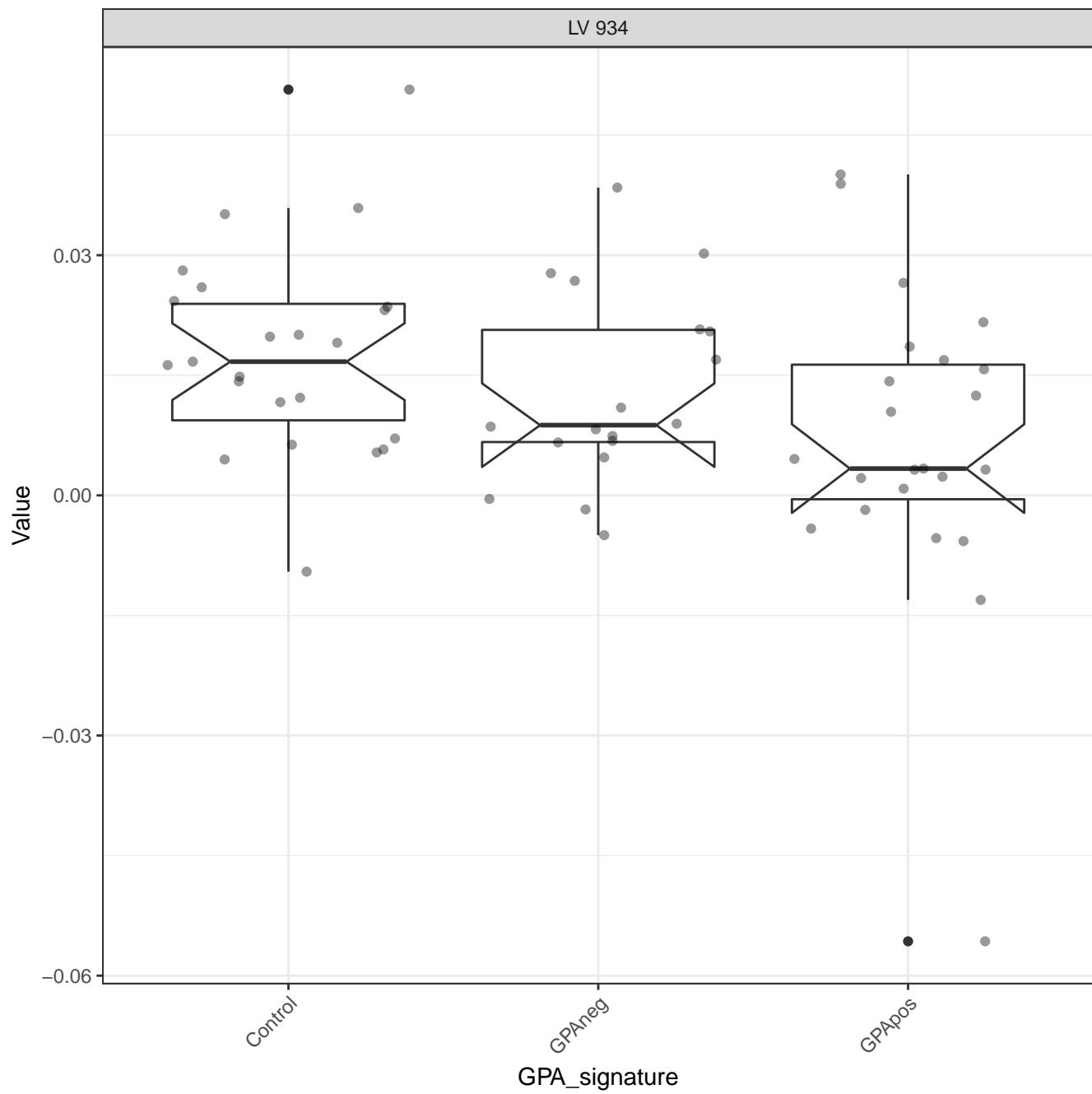
GPAneg

GPAPos

GPA_signature



LV 934



935,REACTOME_3_UTR_MEDIATED_TRANSLATIONAL_REGULATION

Value

0.04

0.02

0.00

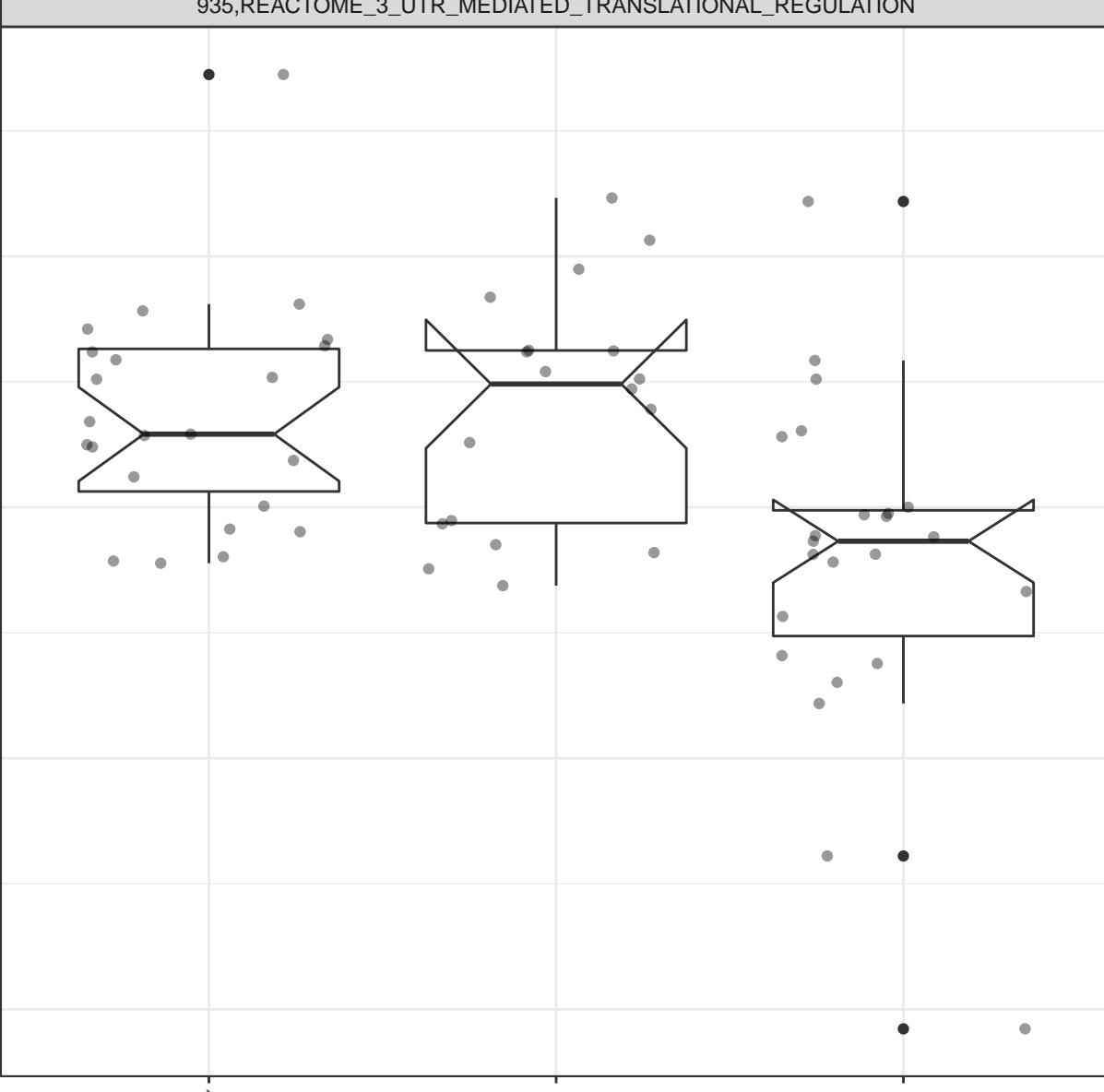
-0.02

Control

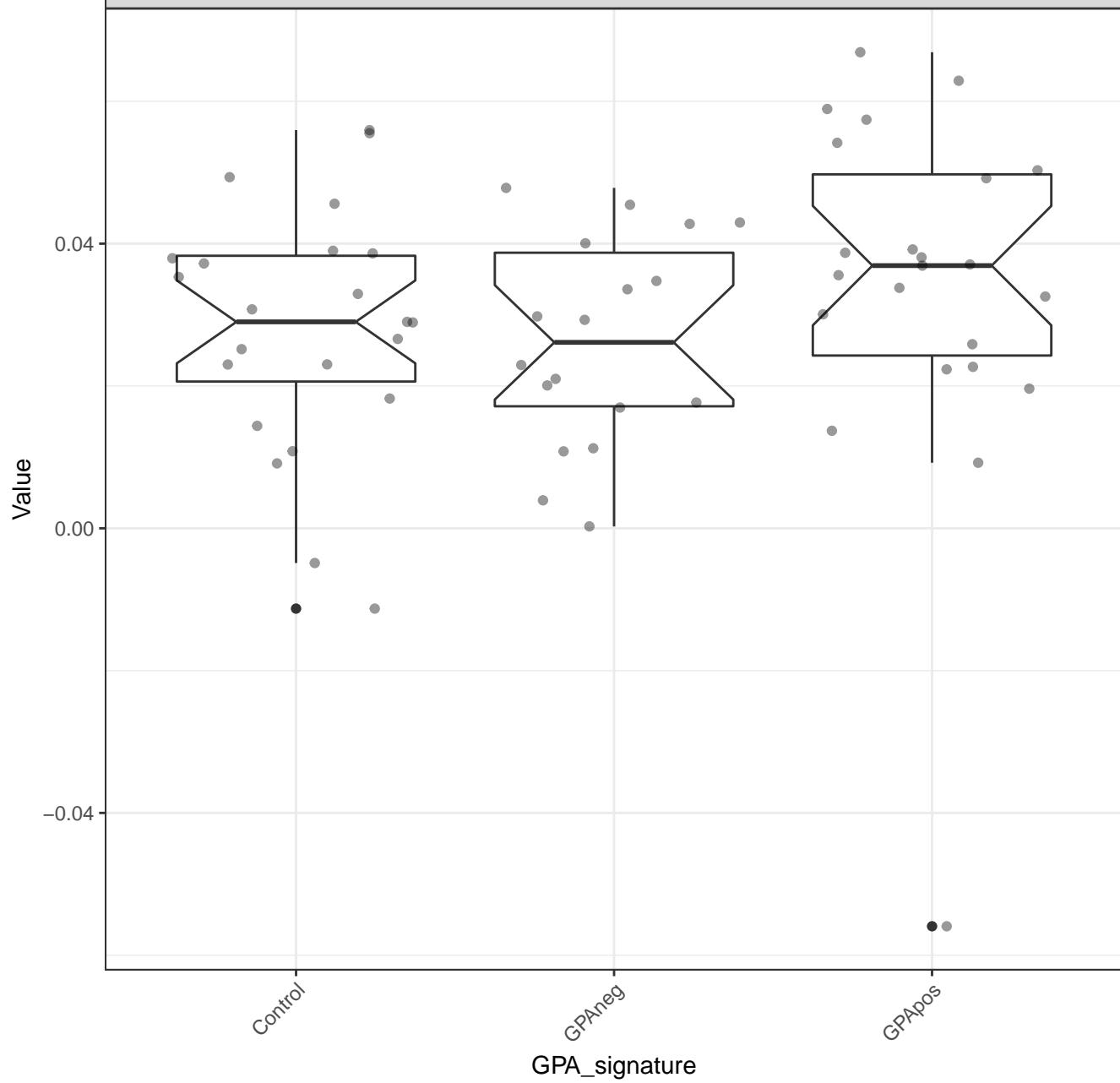
GPA_signature

GPAneg

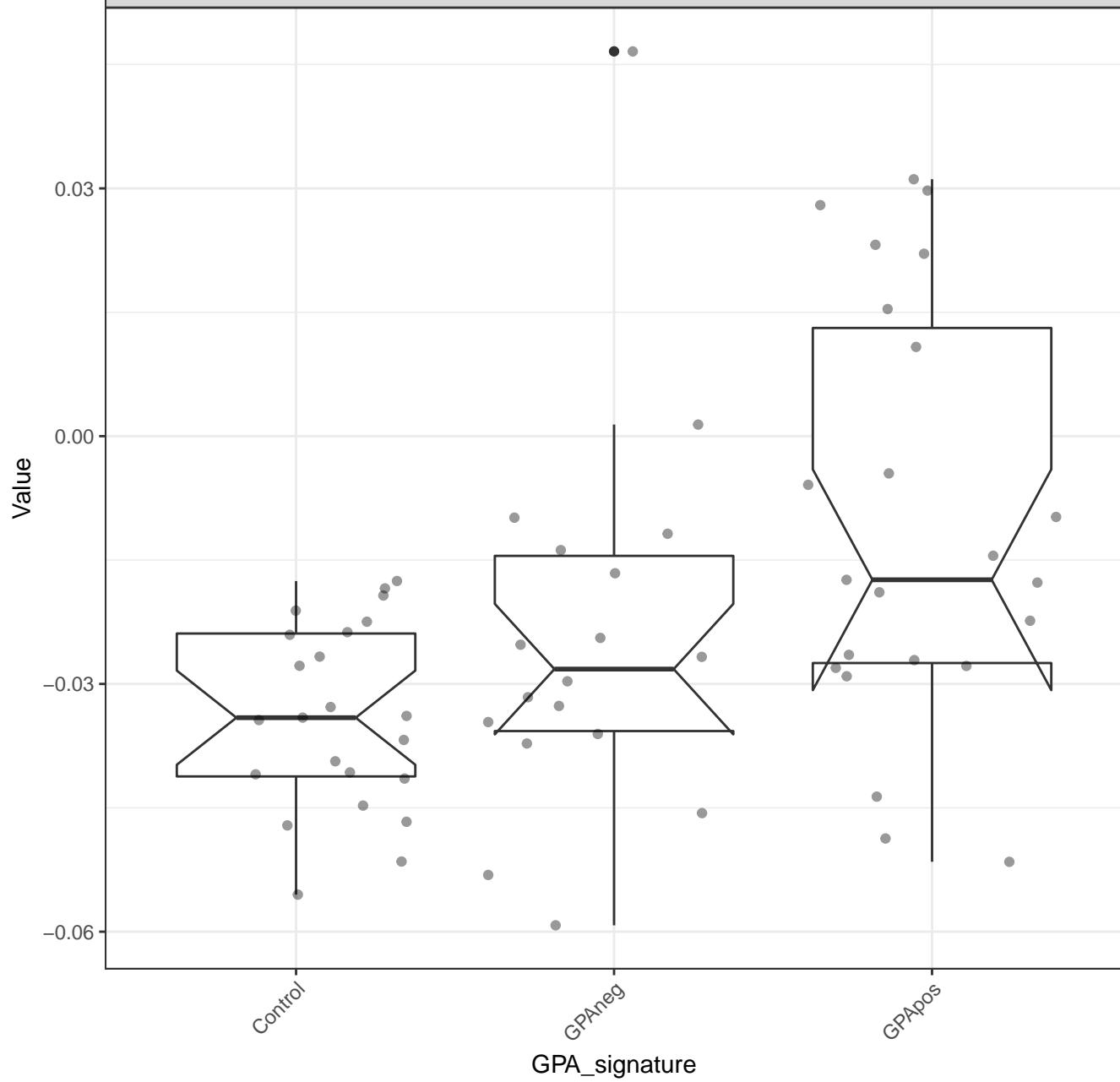
GPAPos



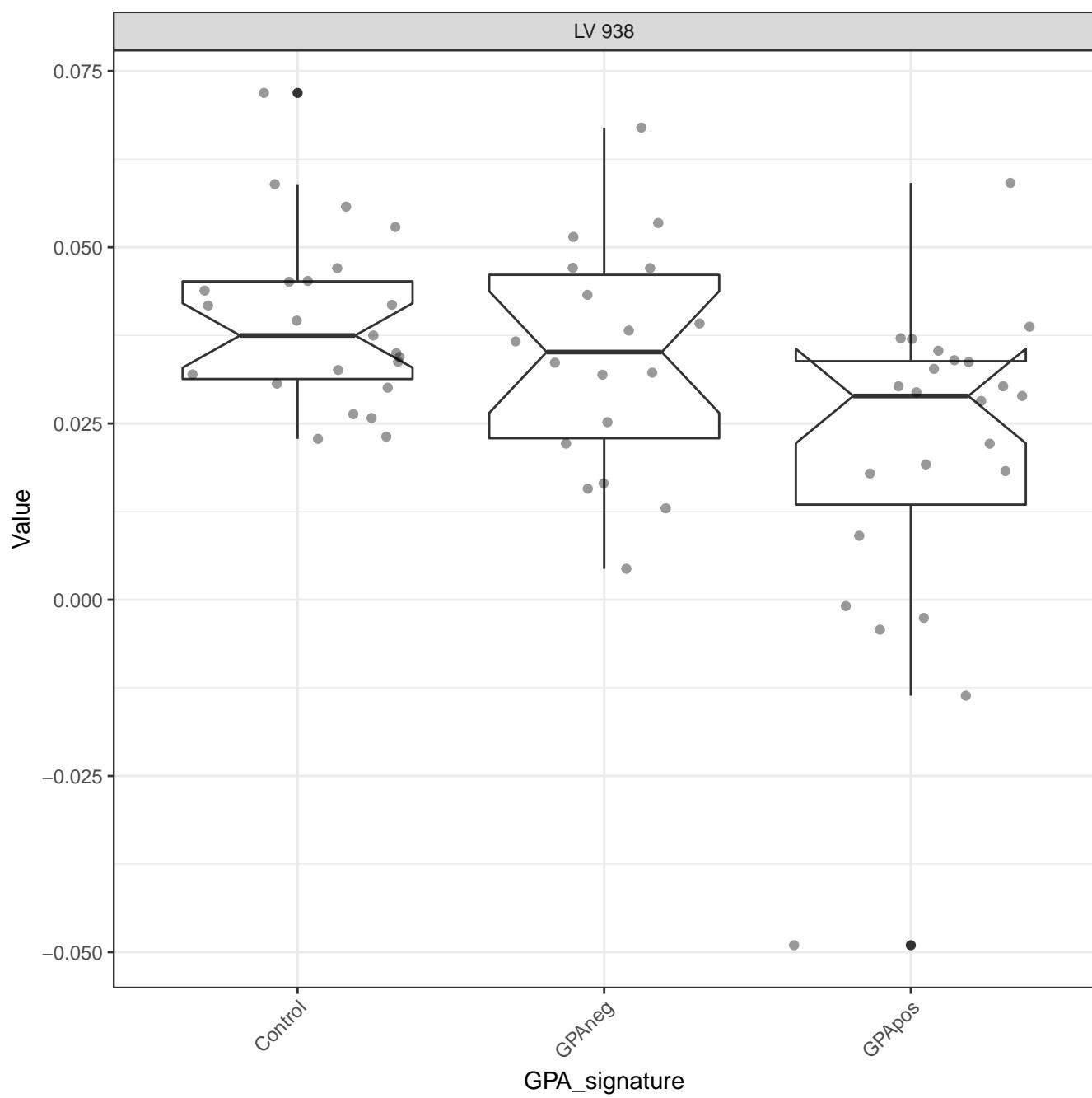
LV 936



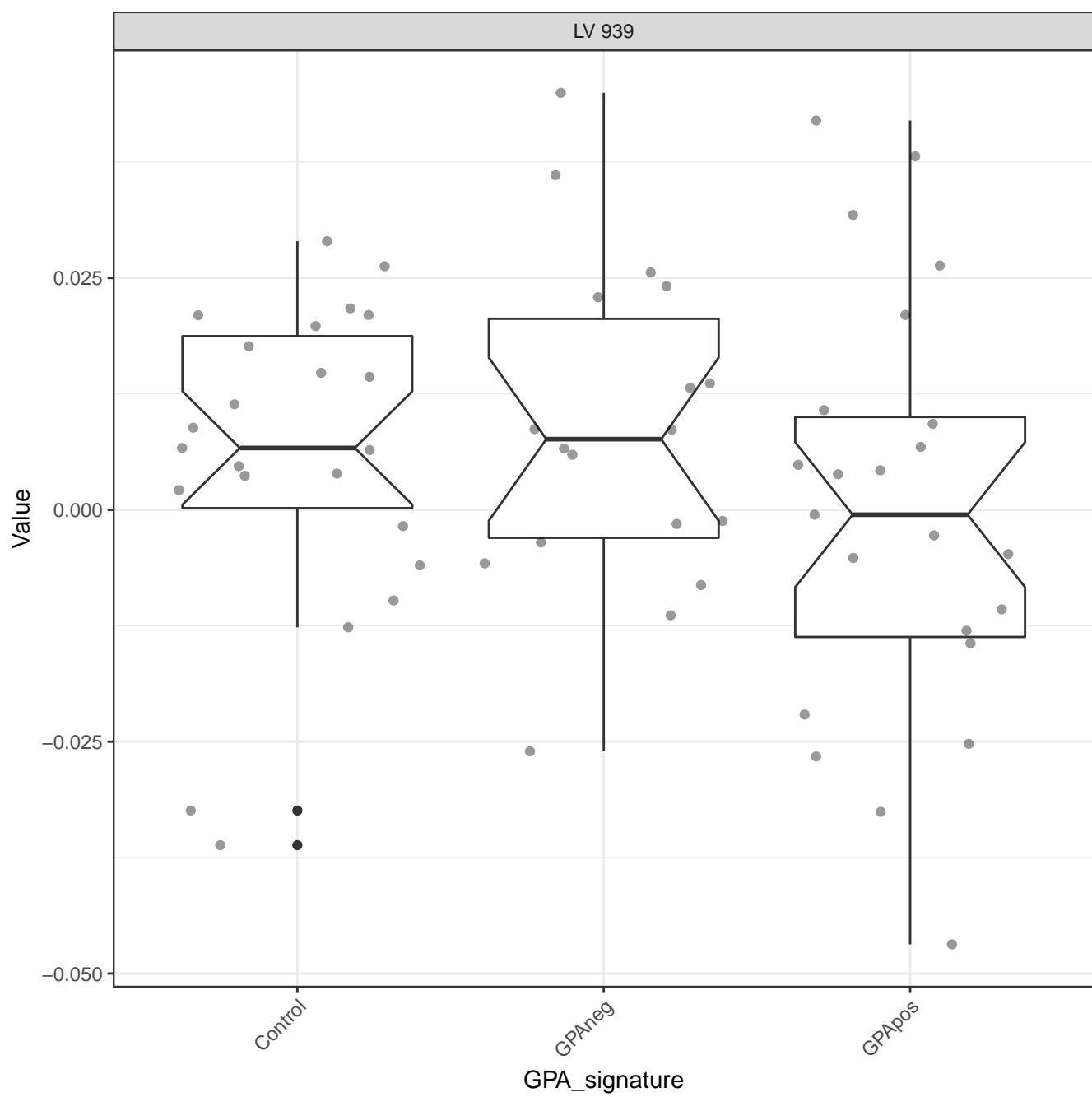
937,PID_HIF1_TFPATHWAY



LV 938



LV 939



LV 940

Value

0.2

0.1

0.0

-0.1

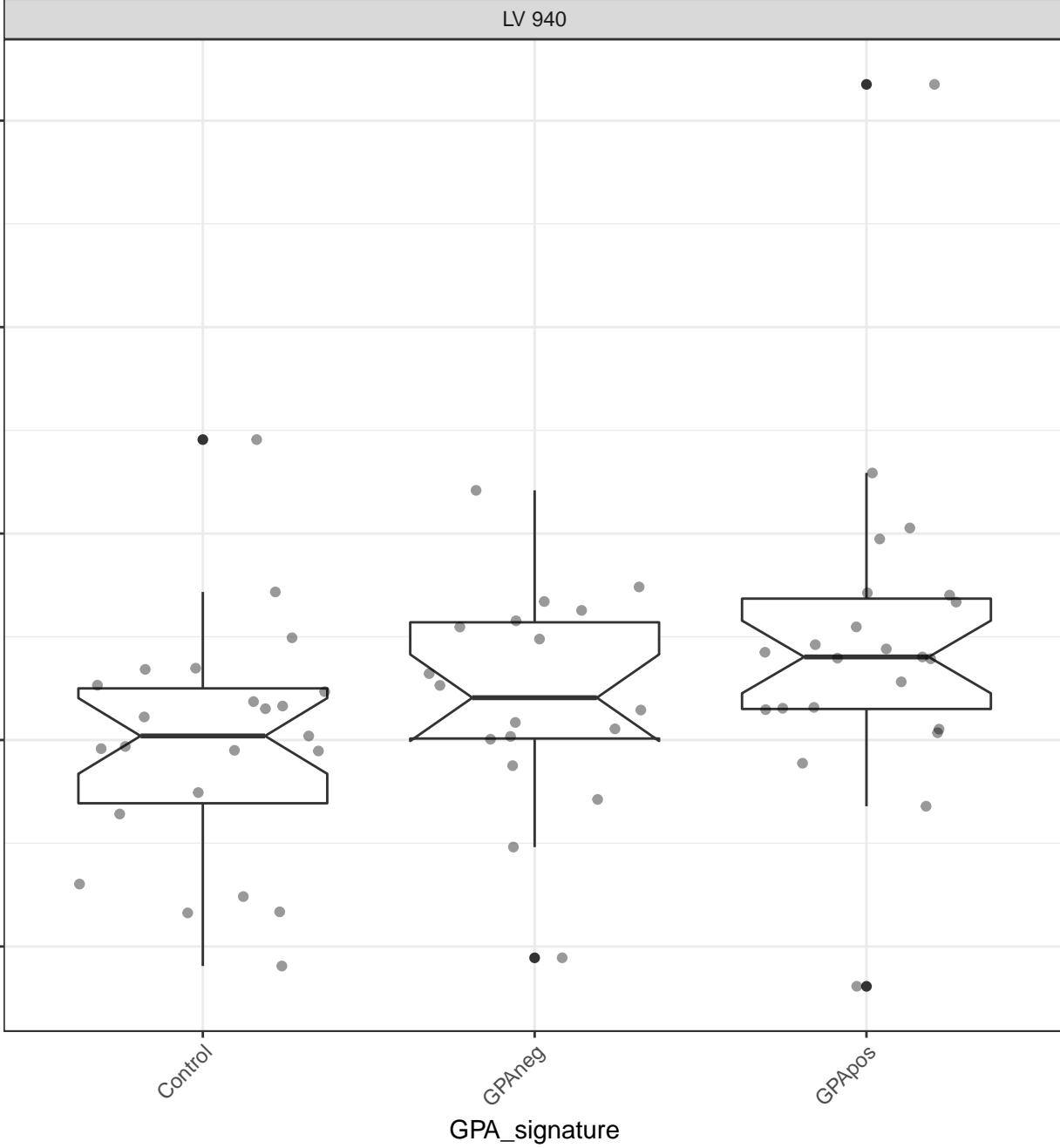
-0.2

Control

GPA_signature

GPAneg

GPApos



LV 941

Value

0.04

0.02

0.00

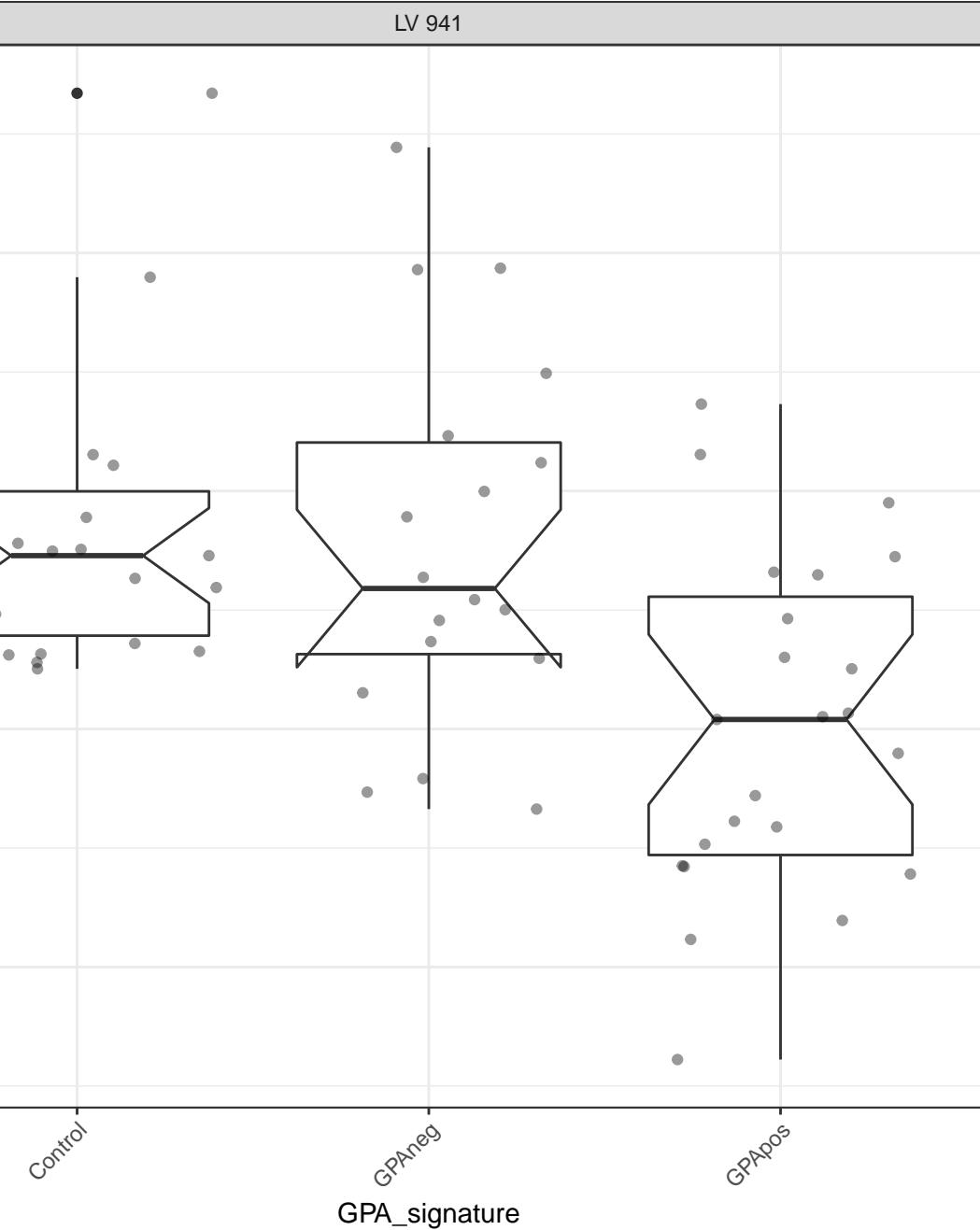
-0.02

Control

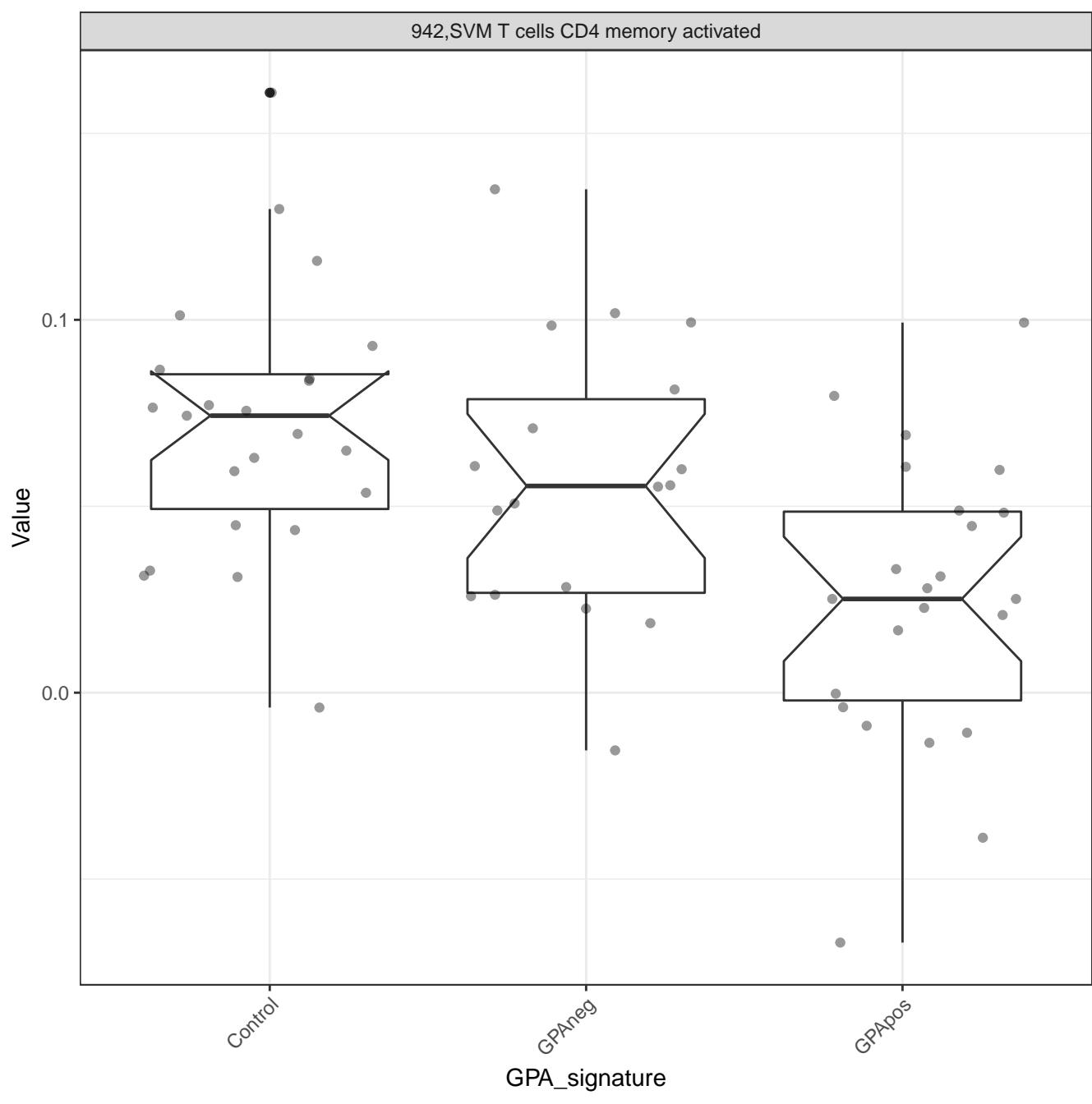
GPA_signature

GPAneg

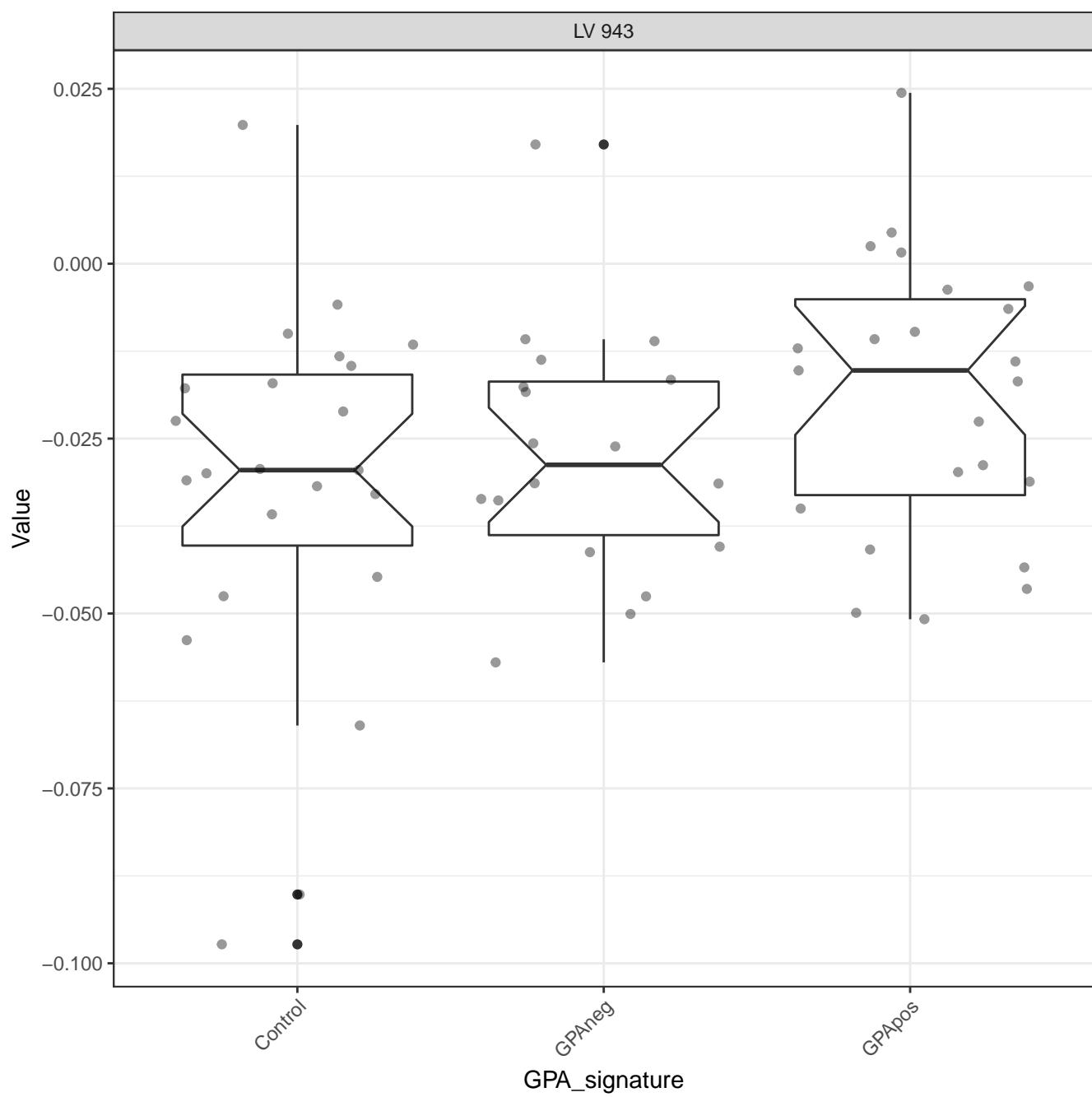
GPApos



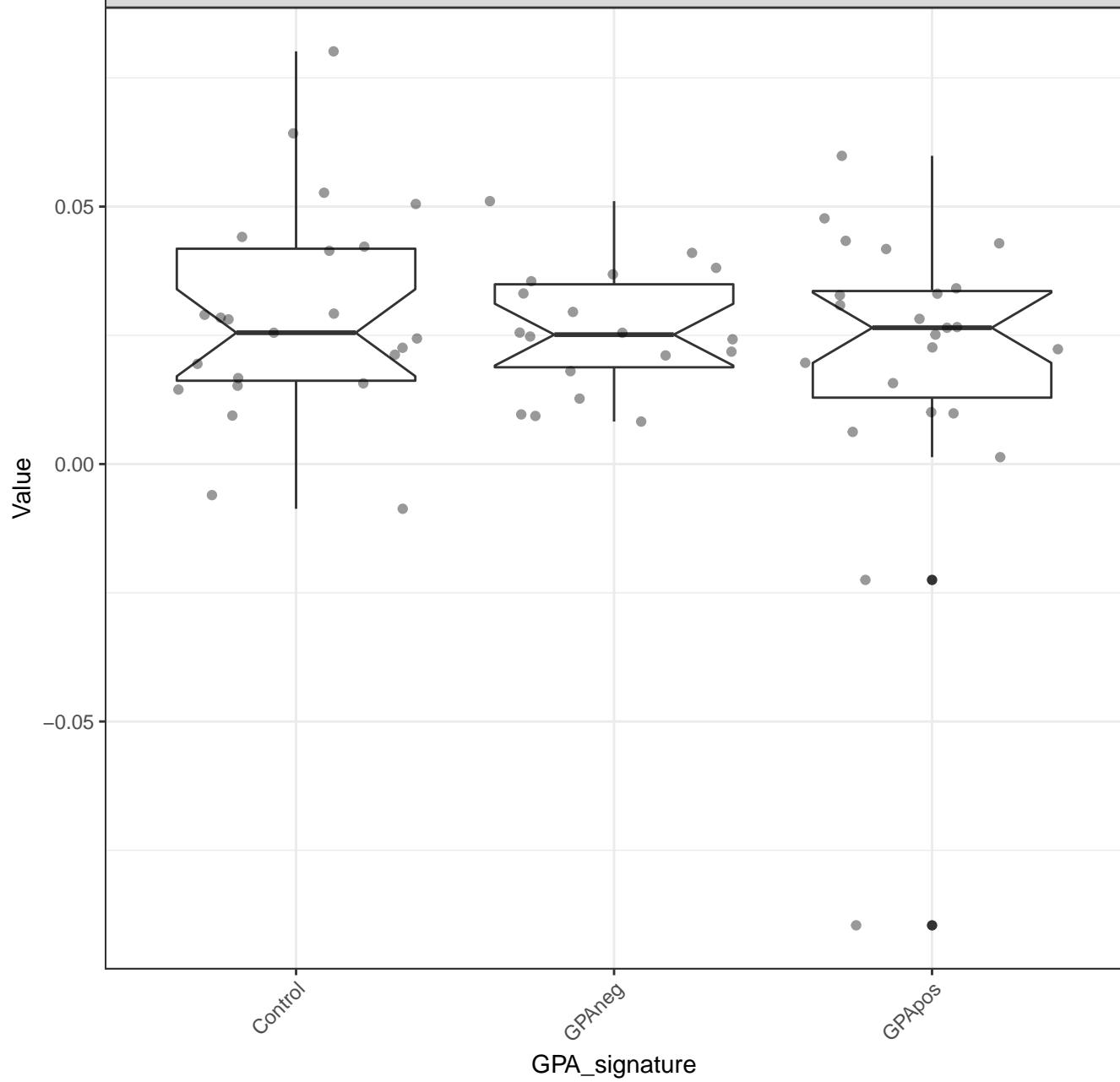
942,SVM T cells CD4 memory activated



LV 943



LV 944



LV 945

Value

0.04

0.02

0.00

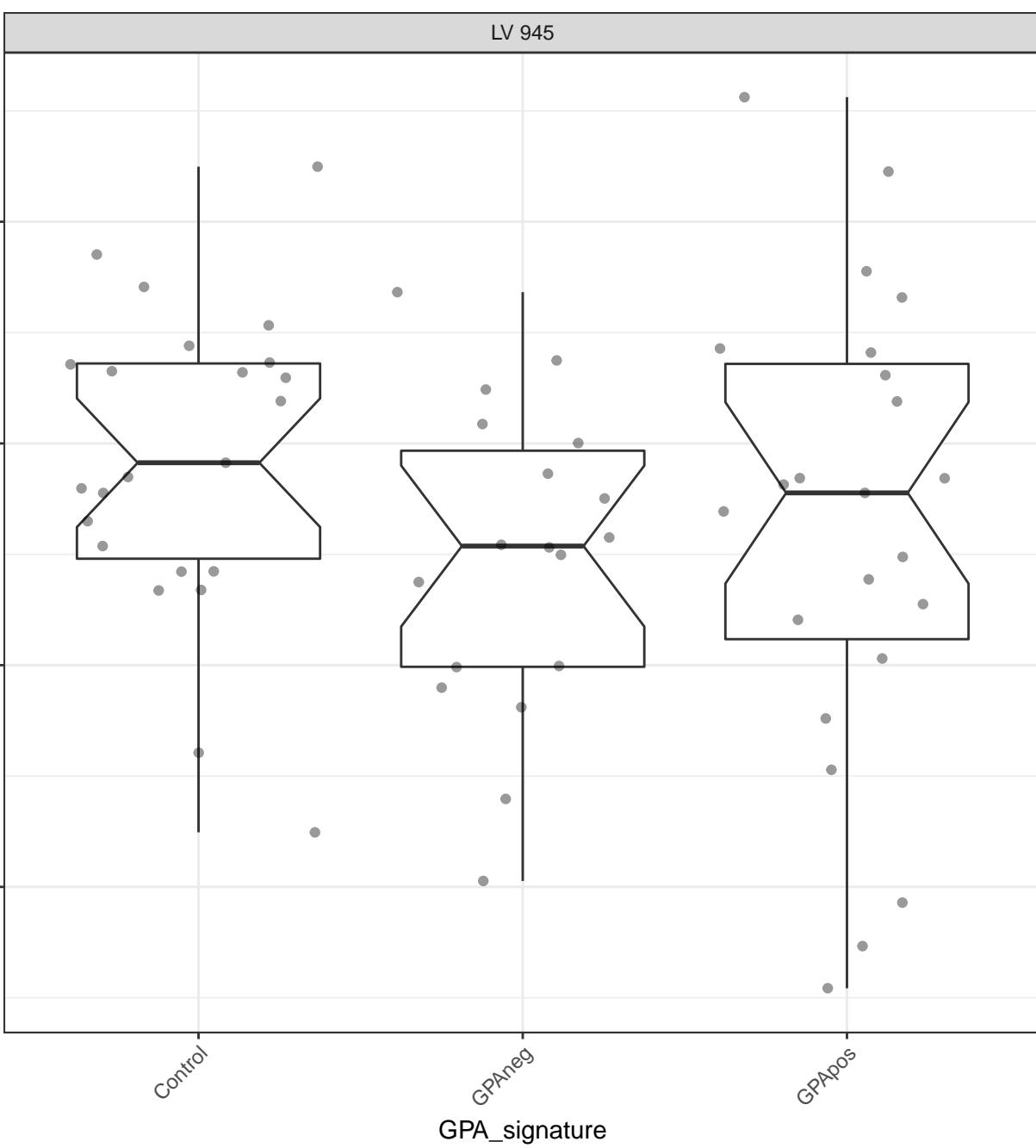
-0.02

Control

GPAneg

GPApos

GPA_signature



Value

0.05

0.00

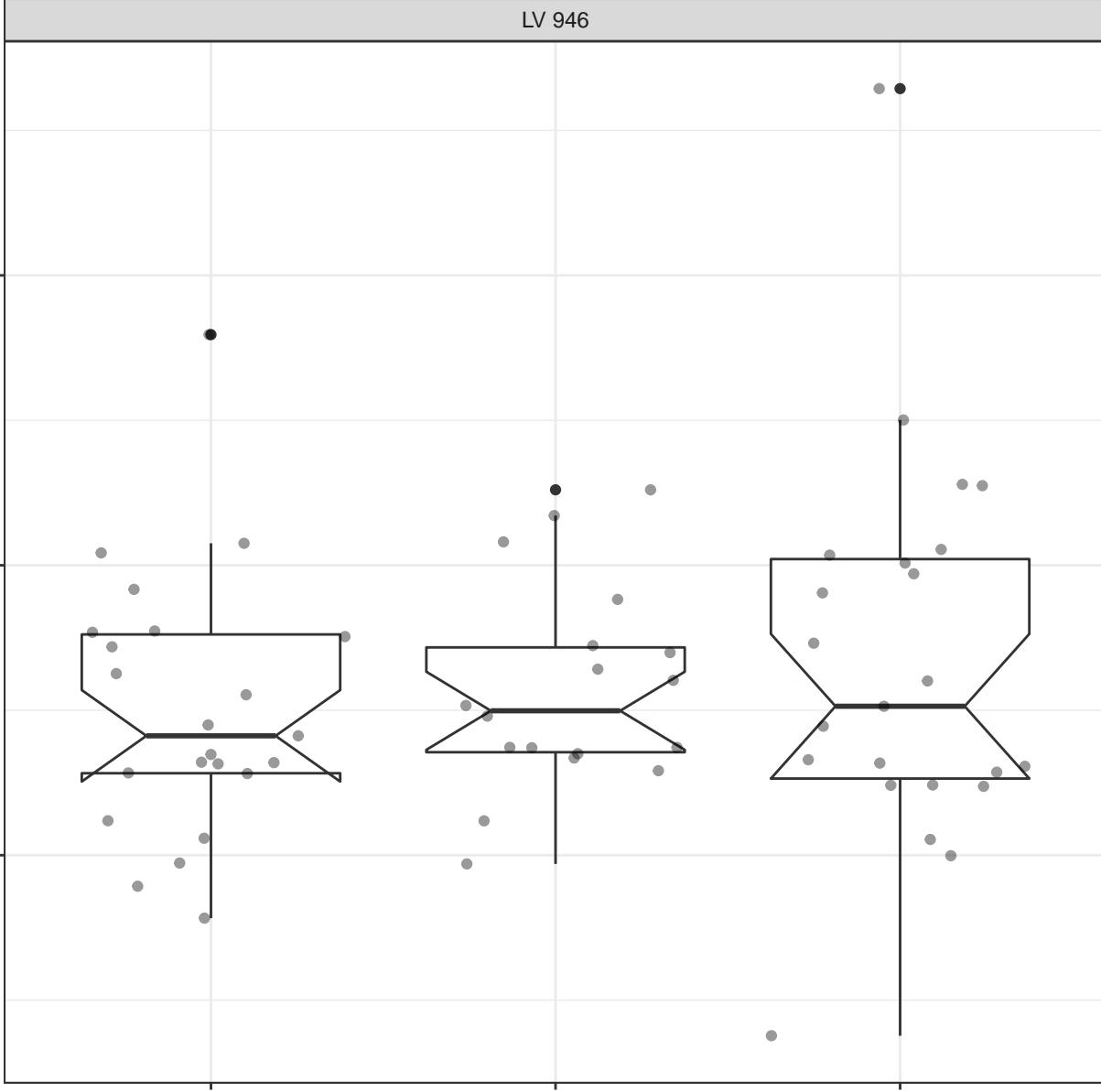
-0.05

Control

GPA_signature

GPAneg

GPApos



LV 947

Value

0.05

0.00

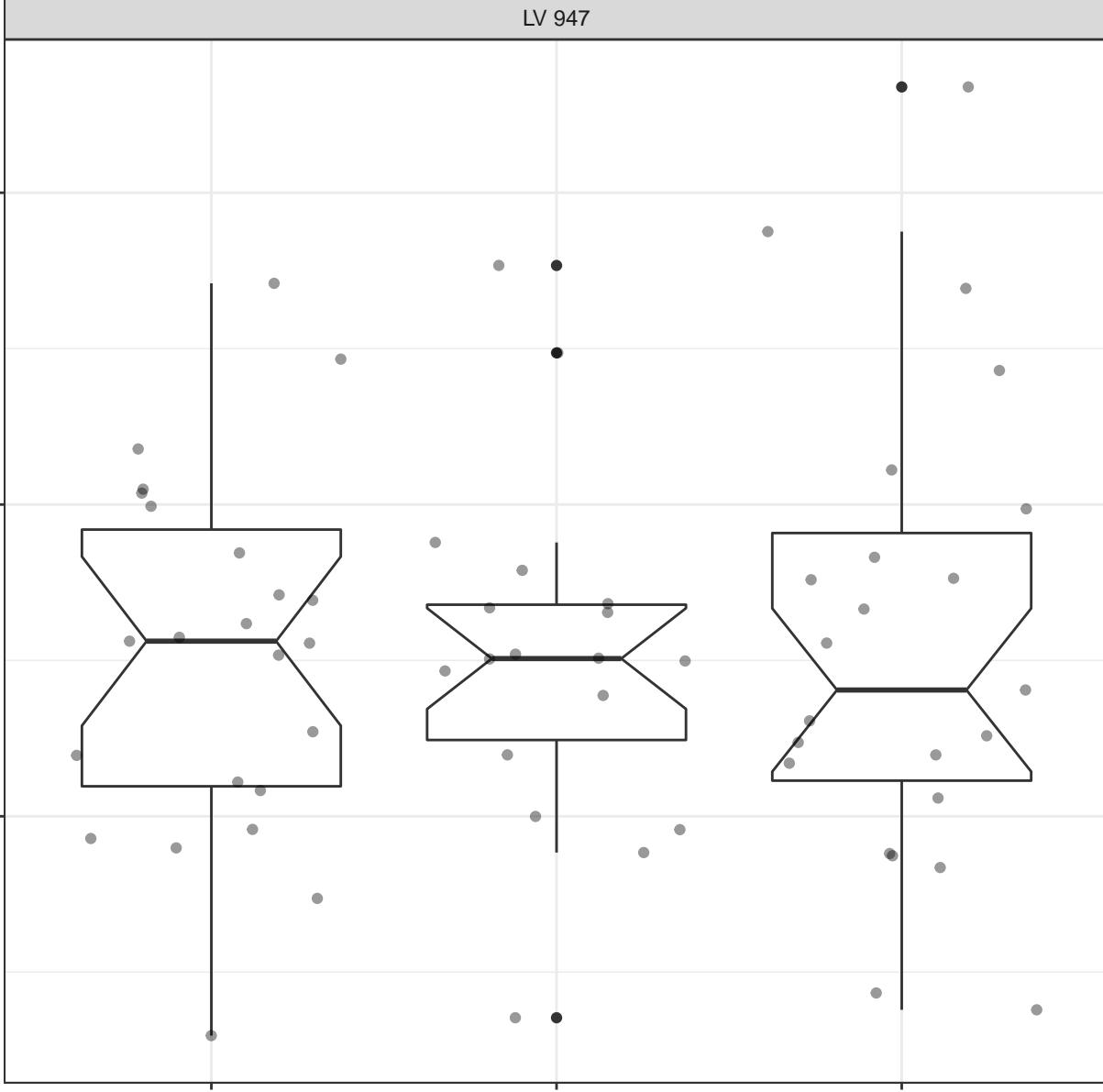
-0.05

Control

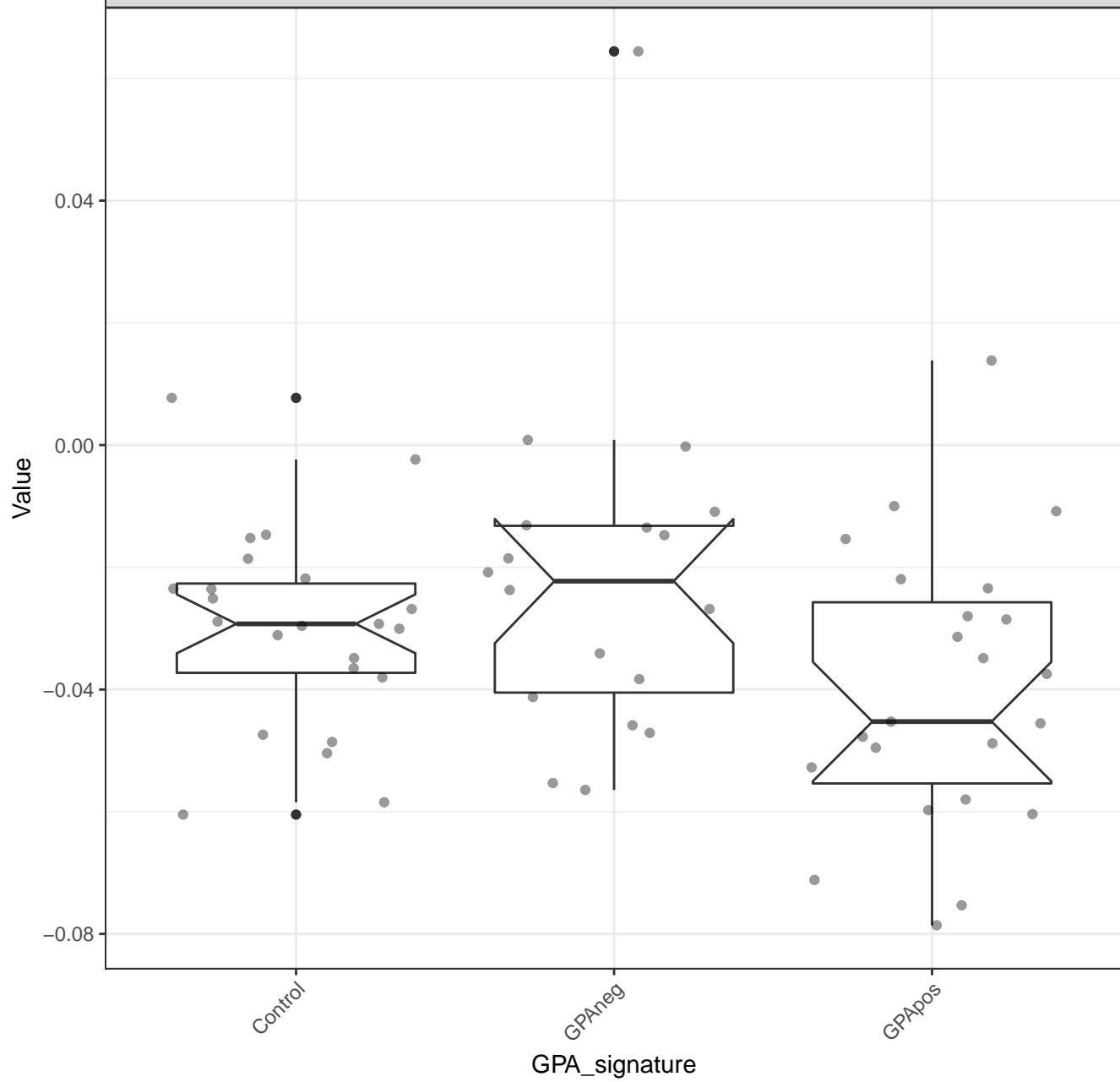
GPA_signature

GPAneg

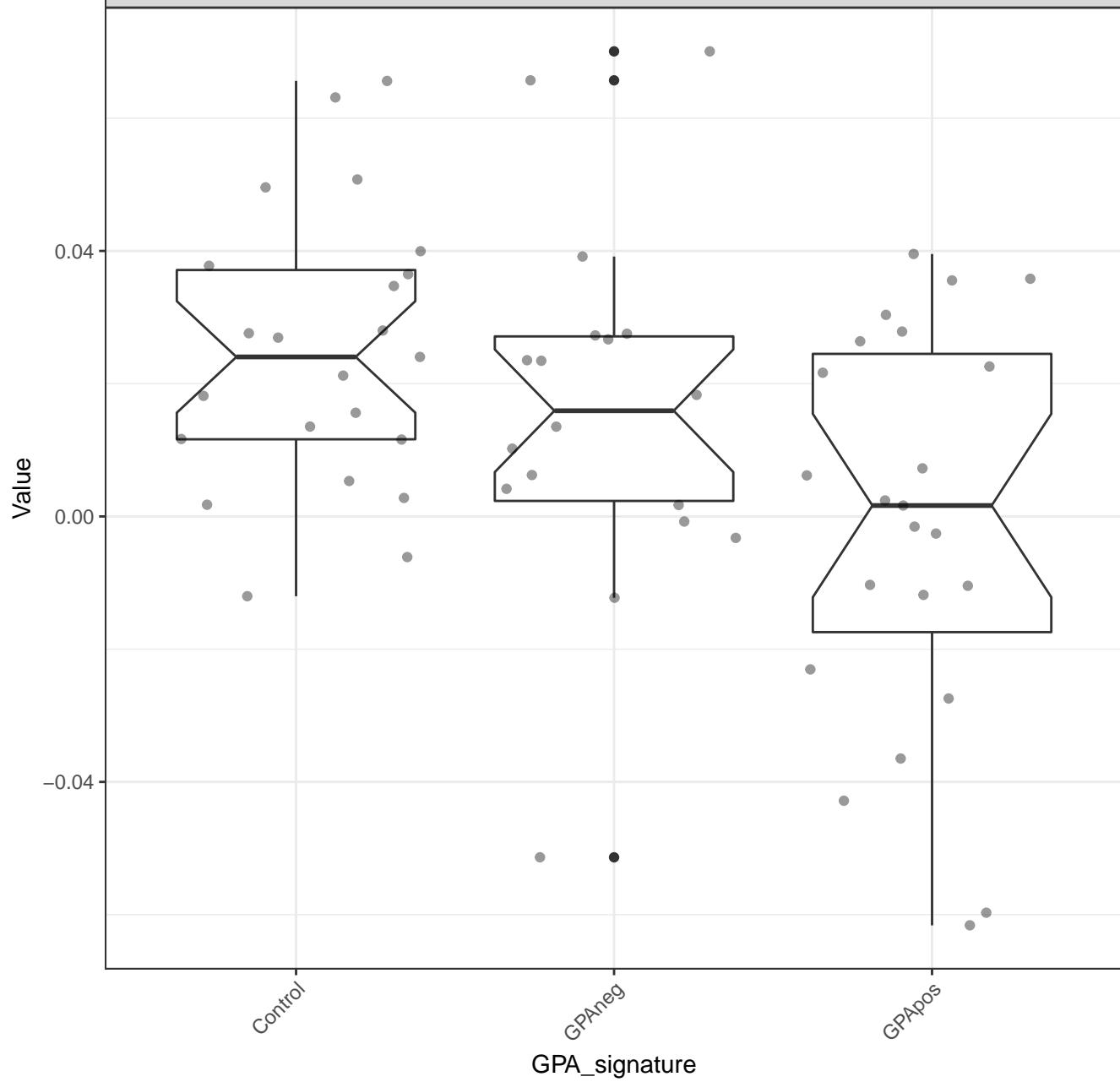
GPAPos



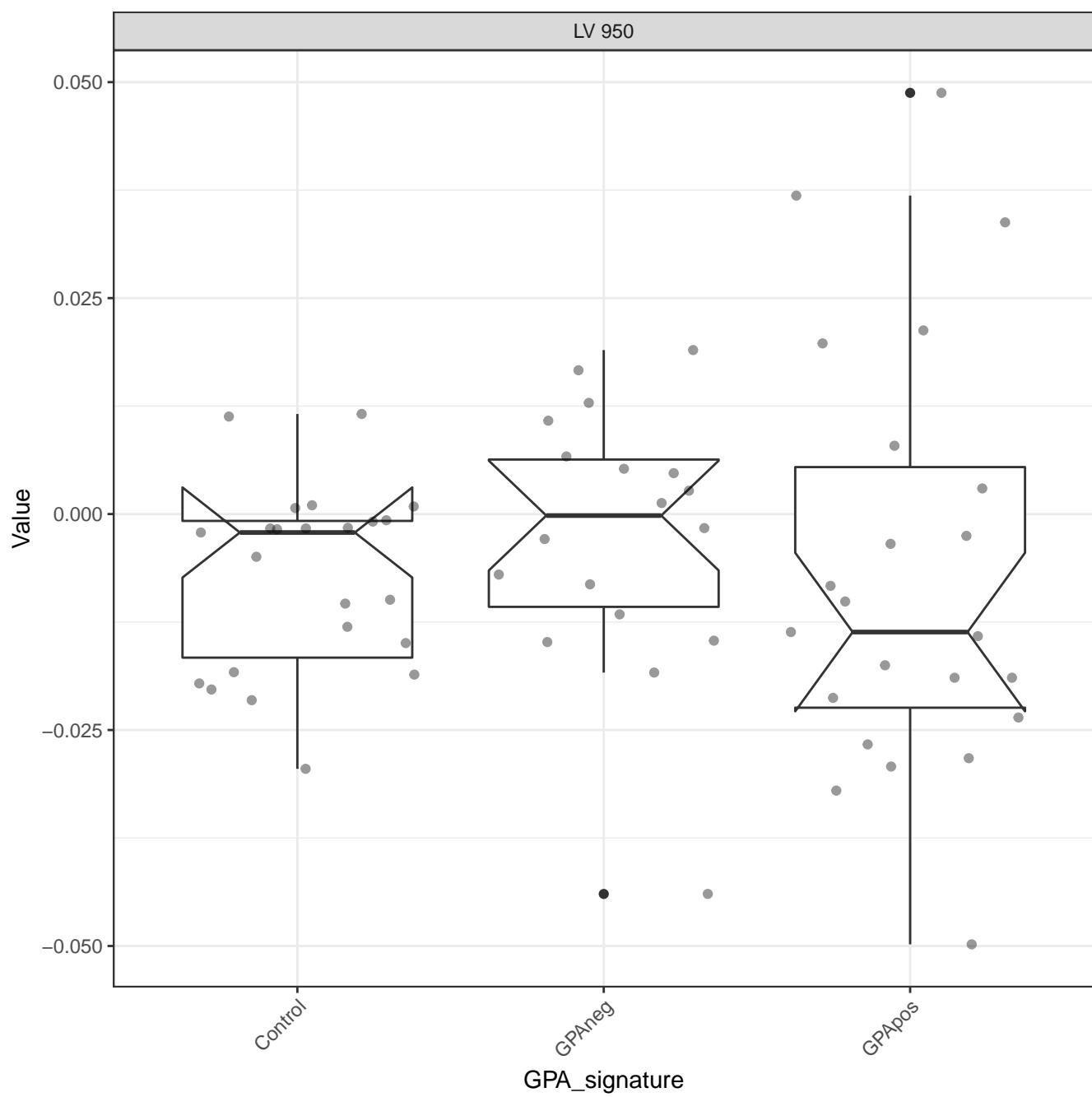
LV 948



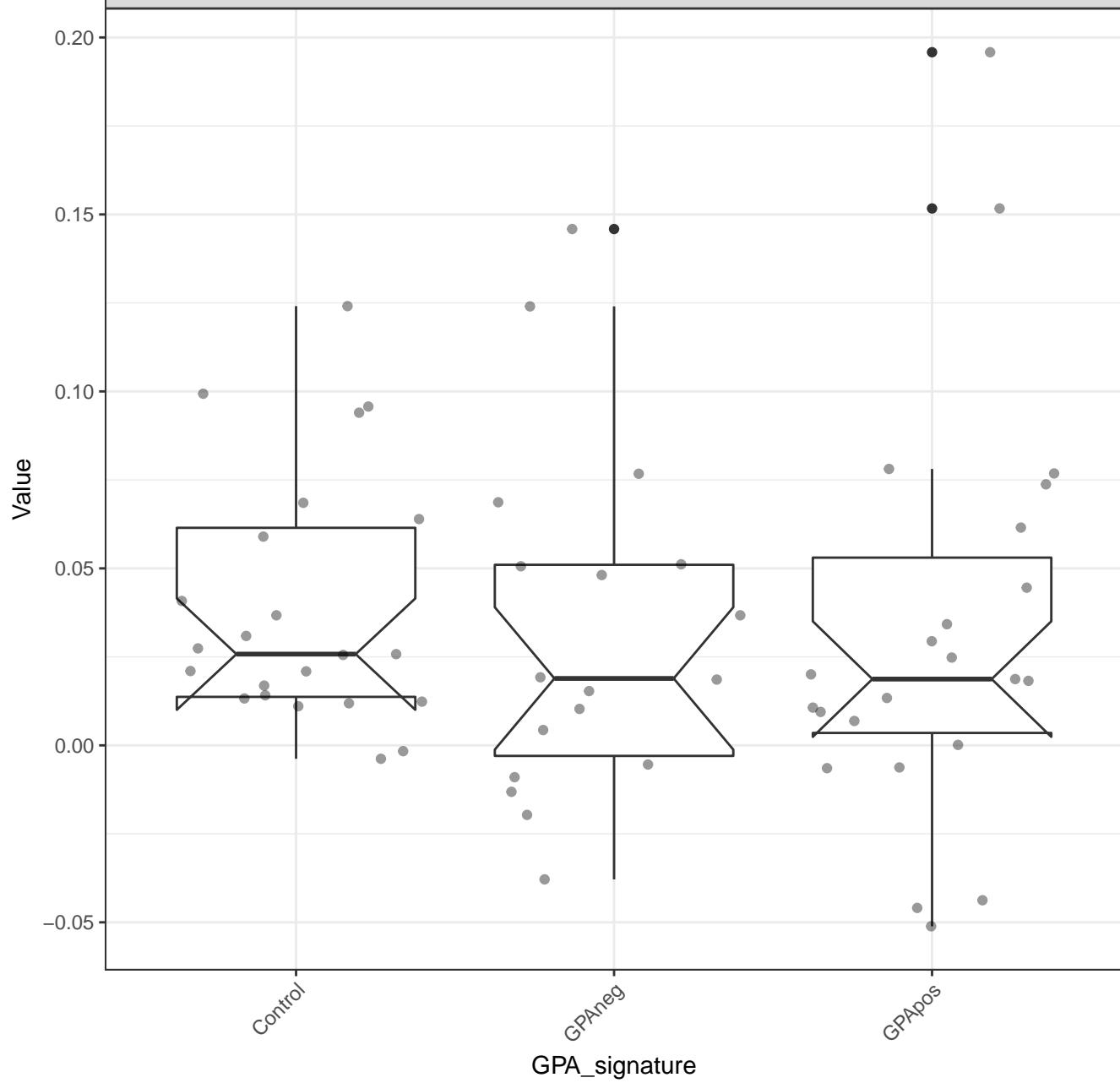
LV 949



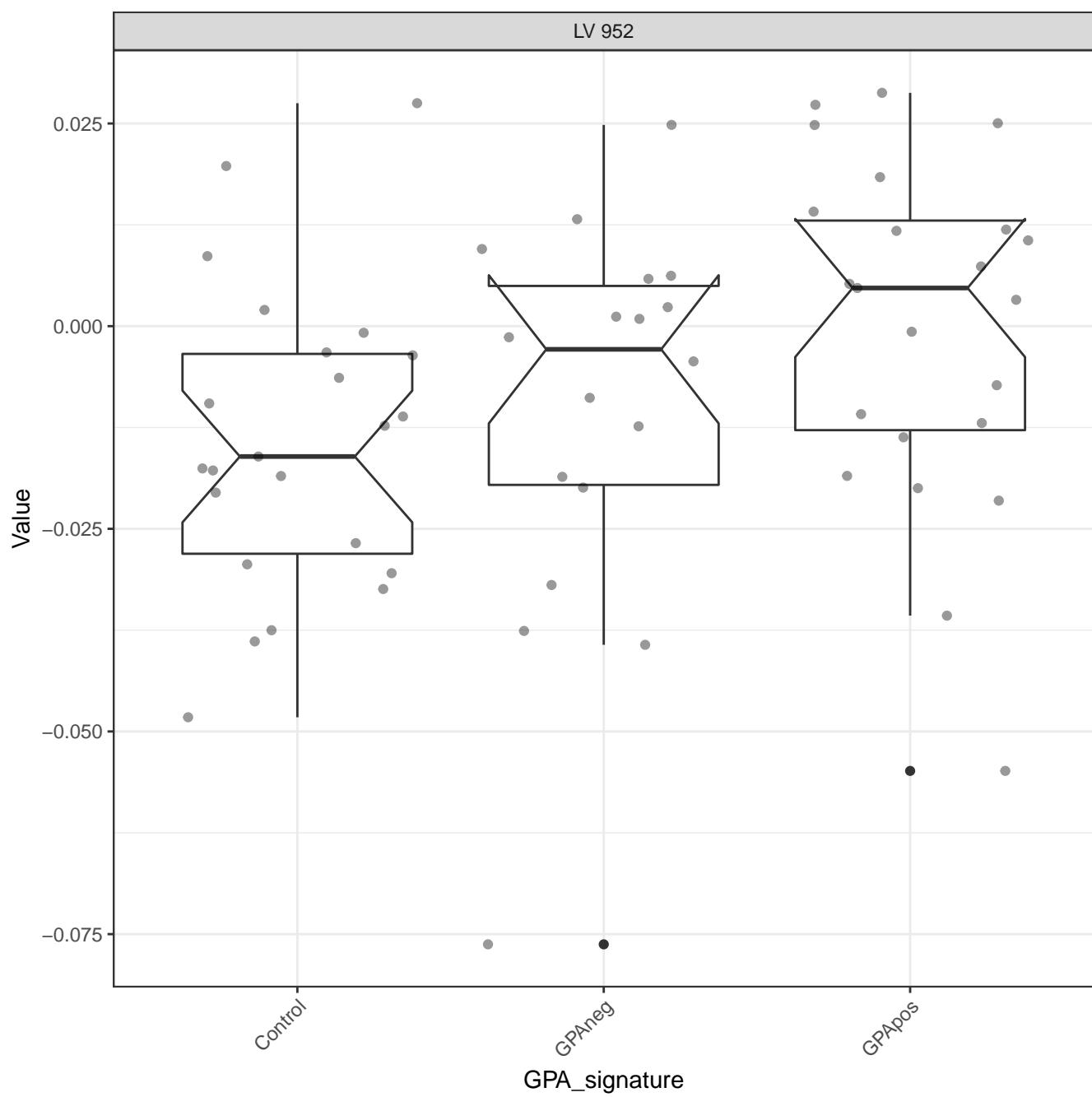
LV 950



951,SVM Plasma cells



LV 952



953,IRIS_Monocyte–Day1

Value

0.05

0.00

-0.05

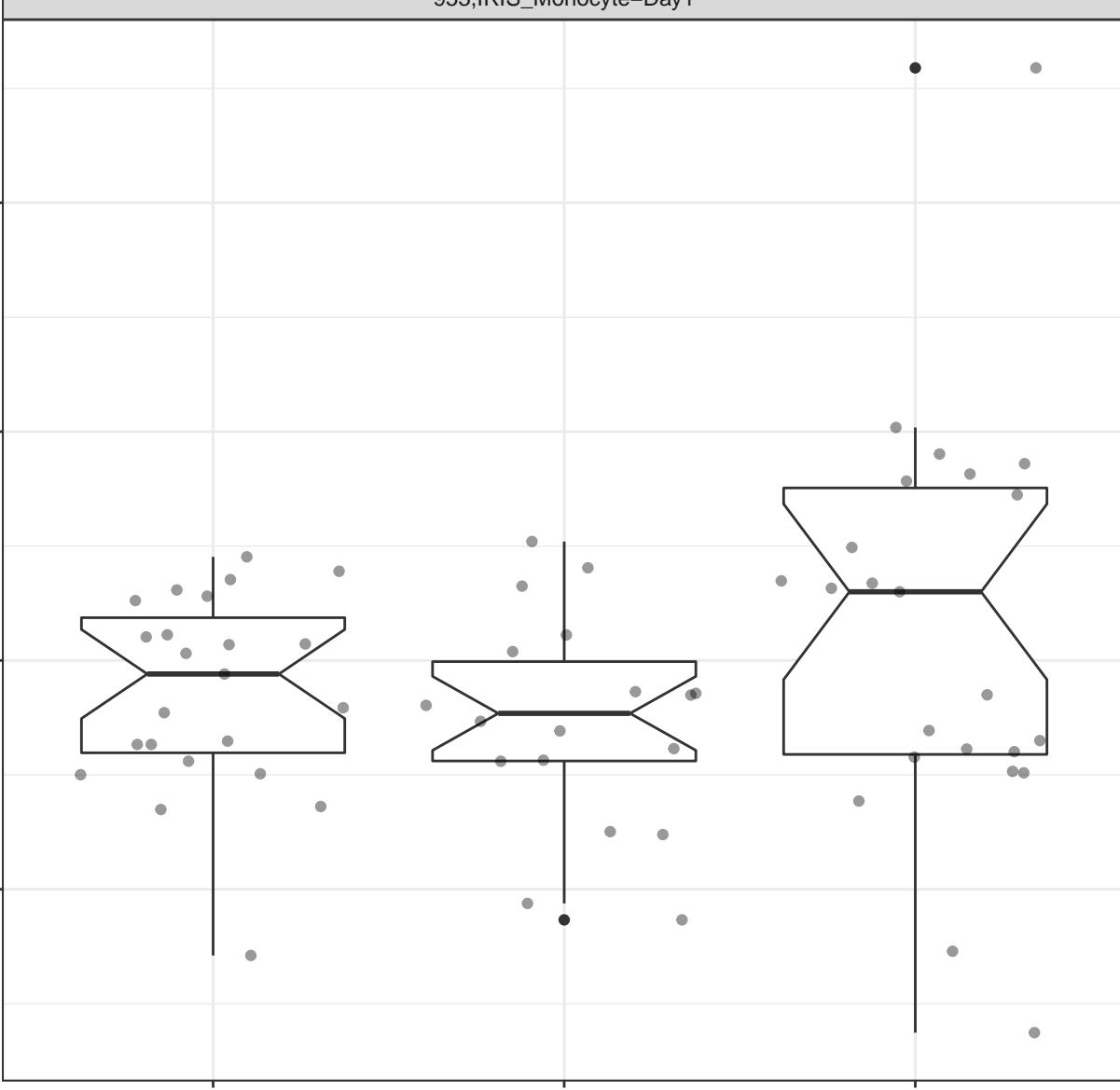
-0.10

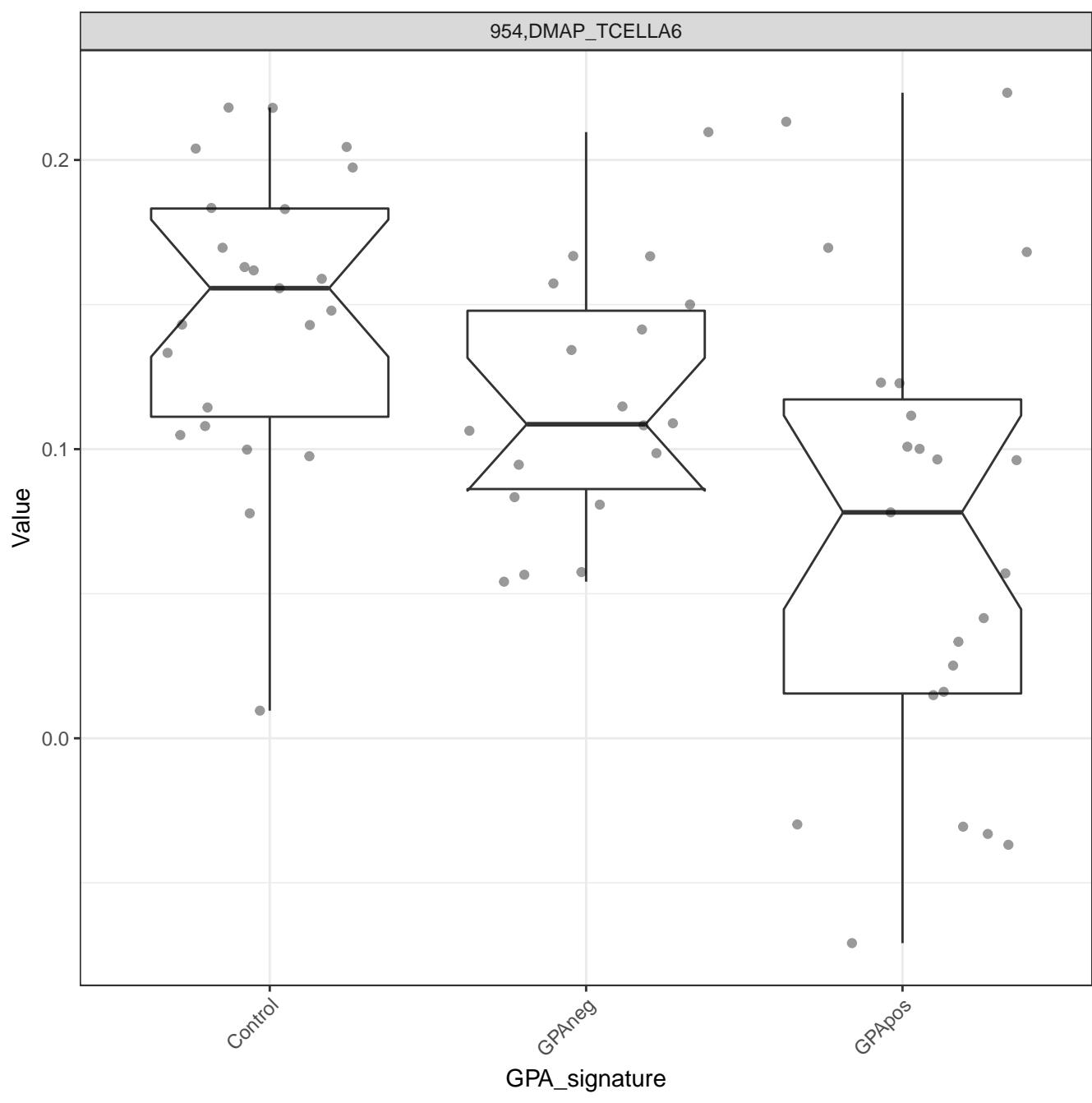
Control

GPA_signature

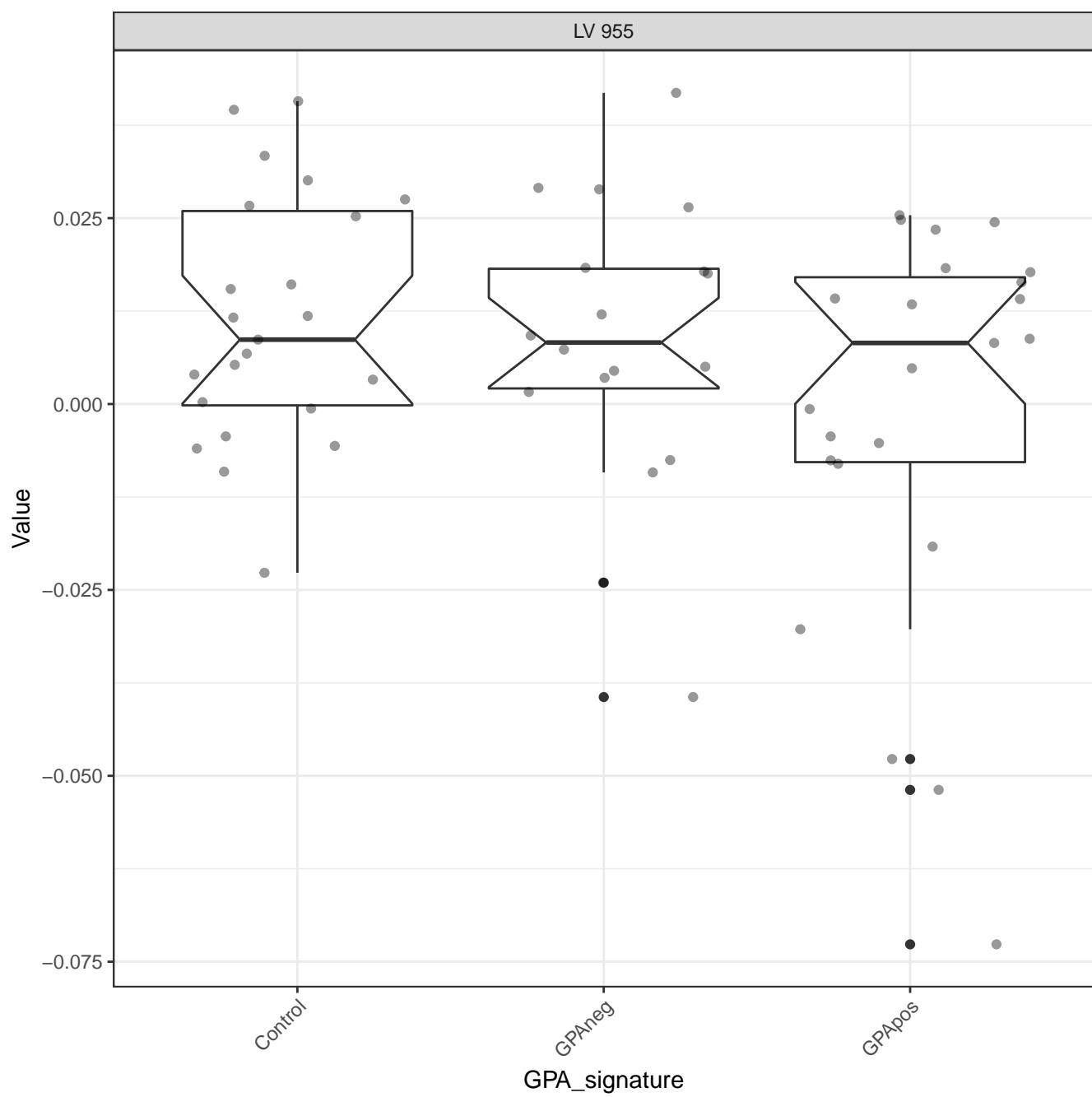
GPAneg

GPAPos

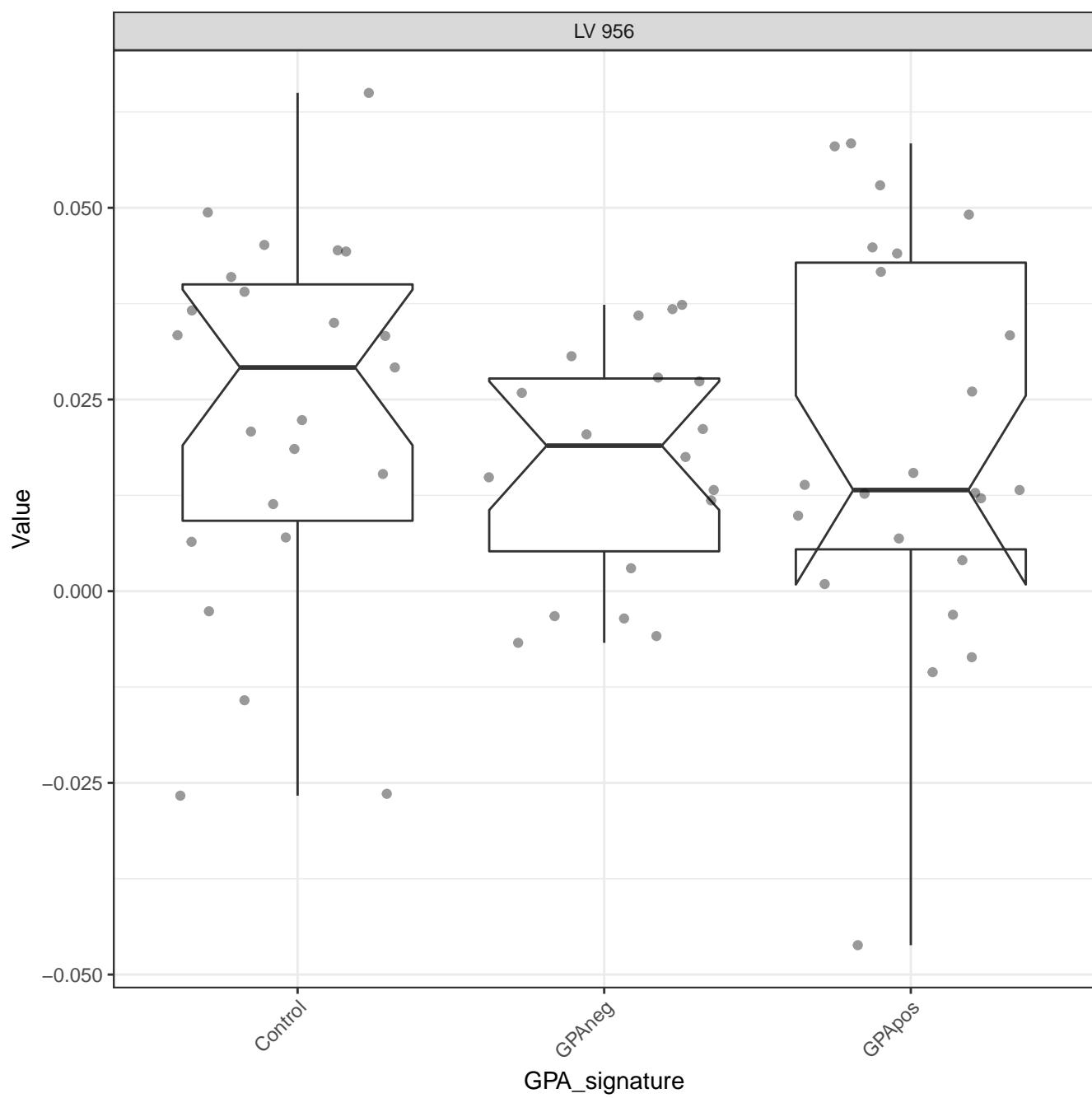




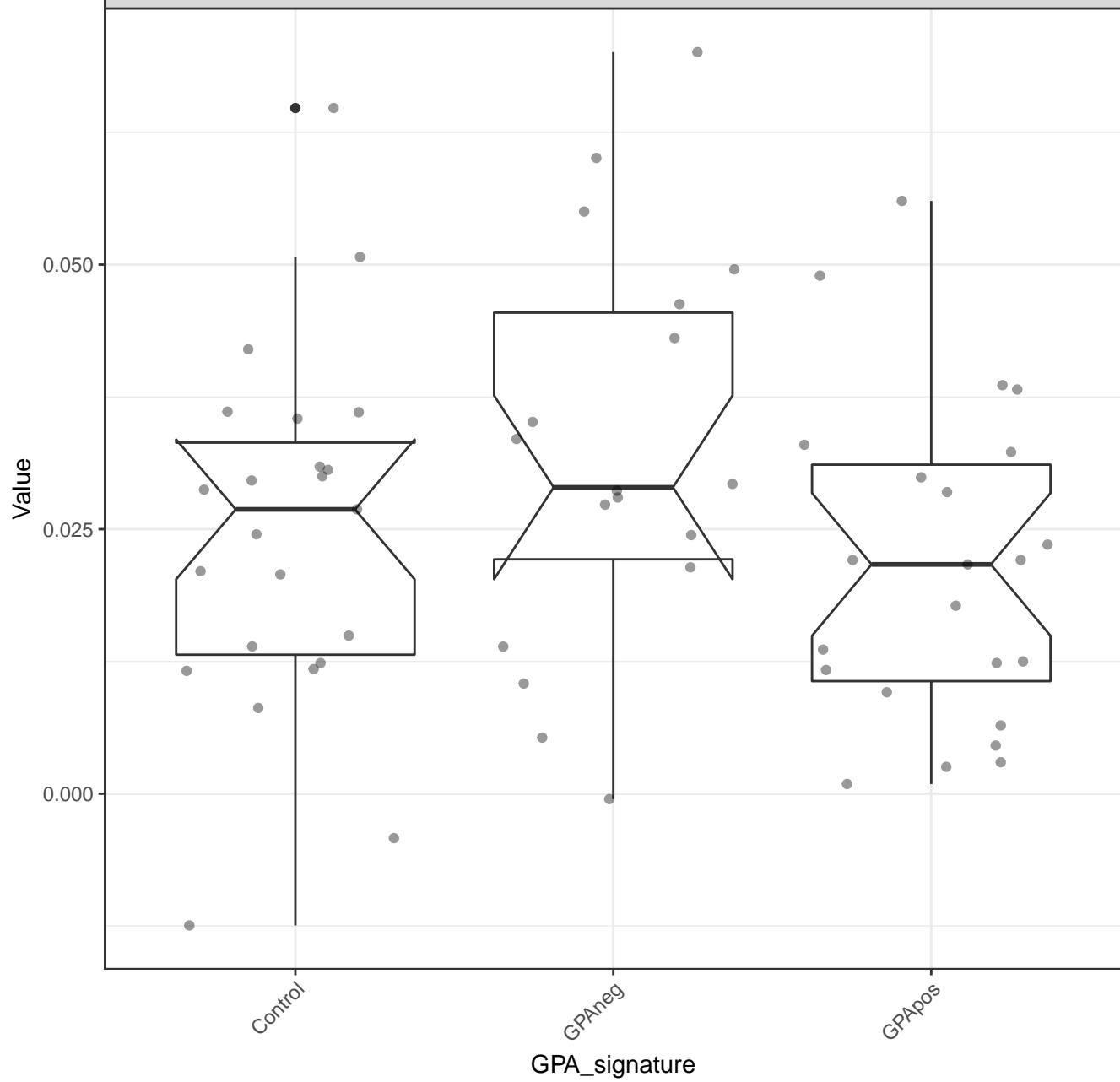
LV 955



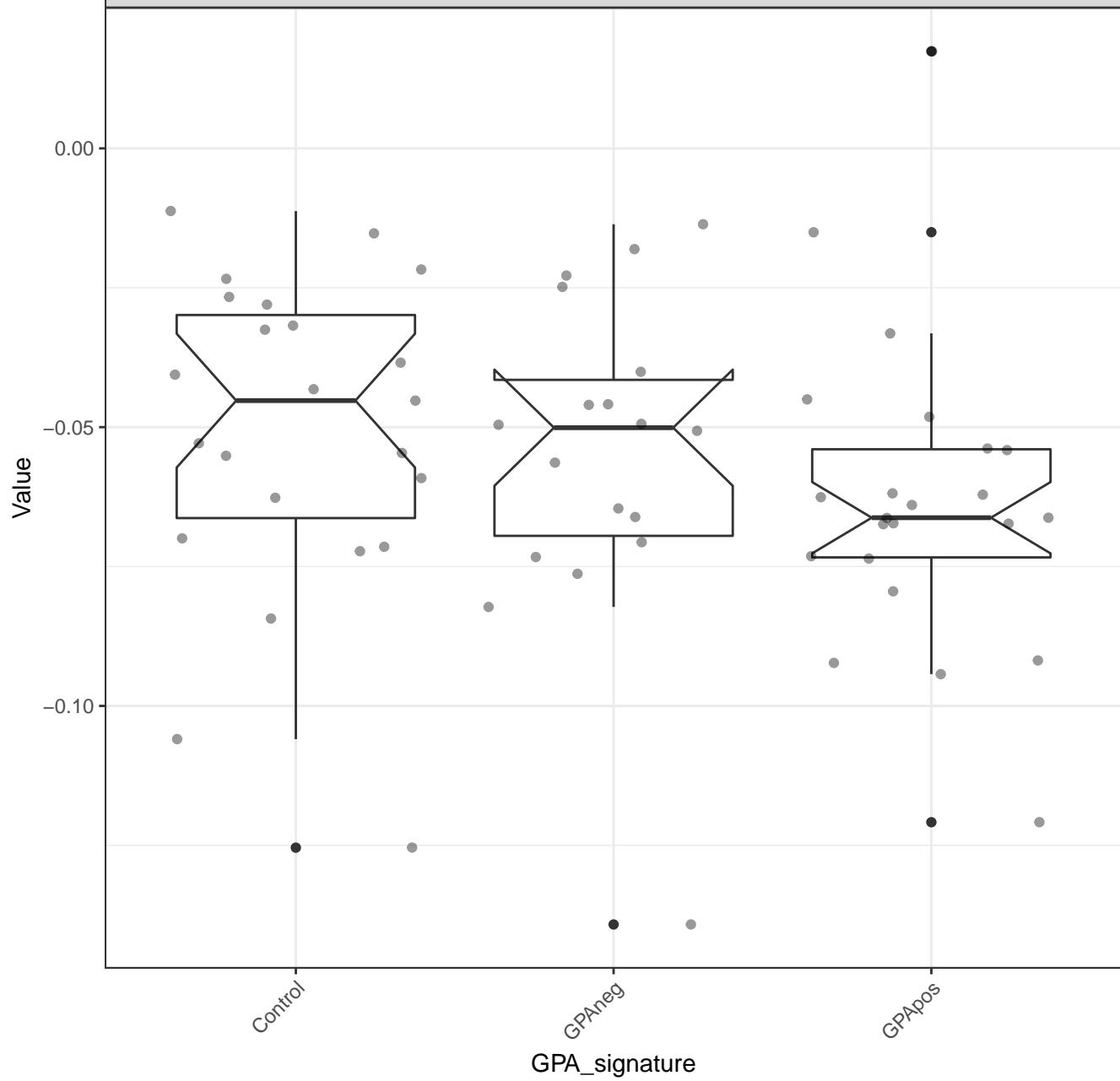
LV 956



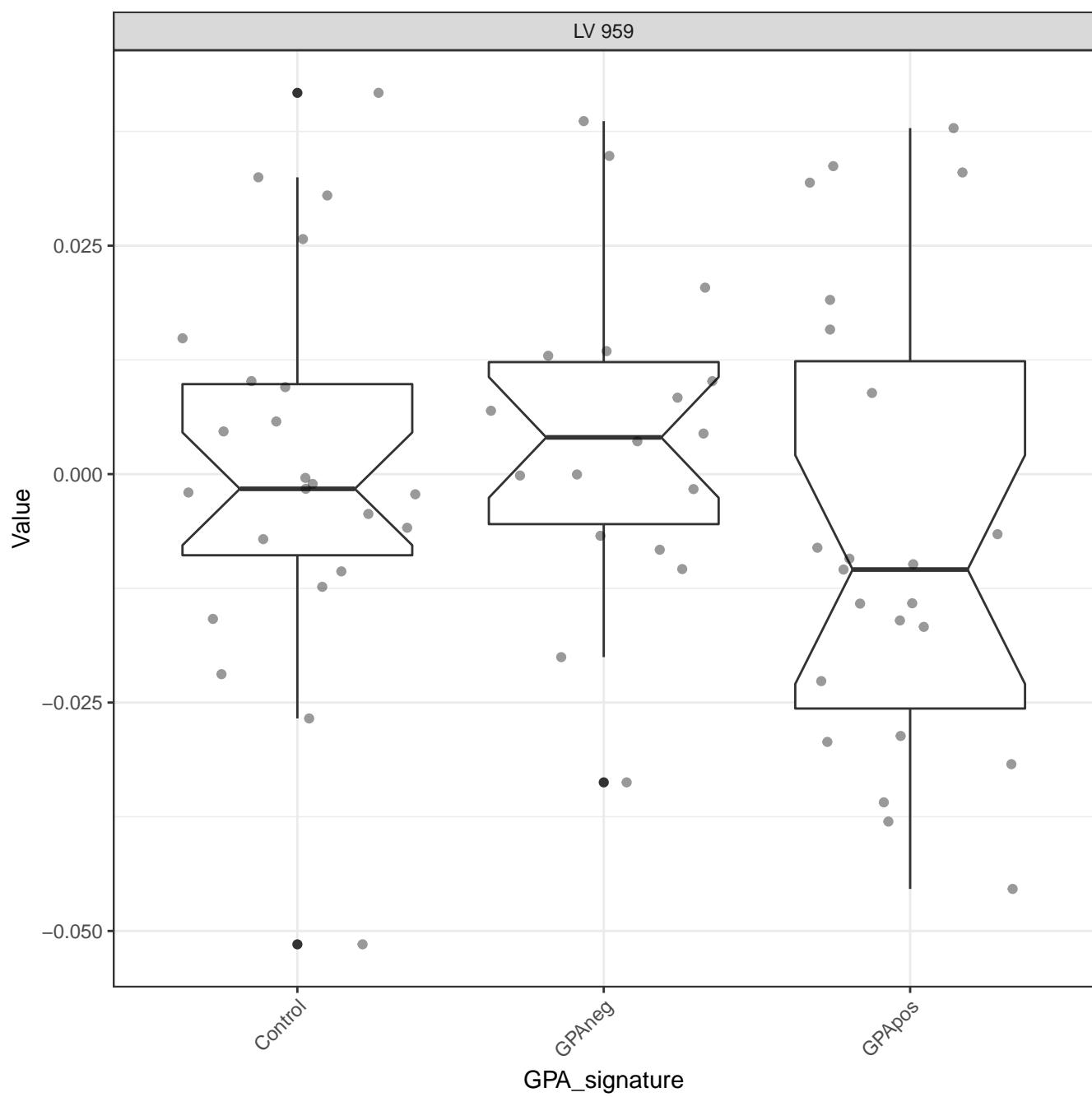
LV 957

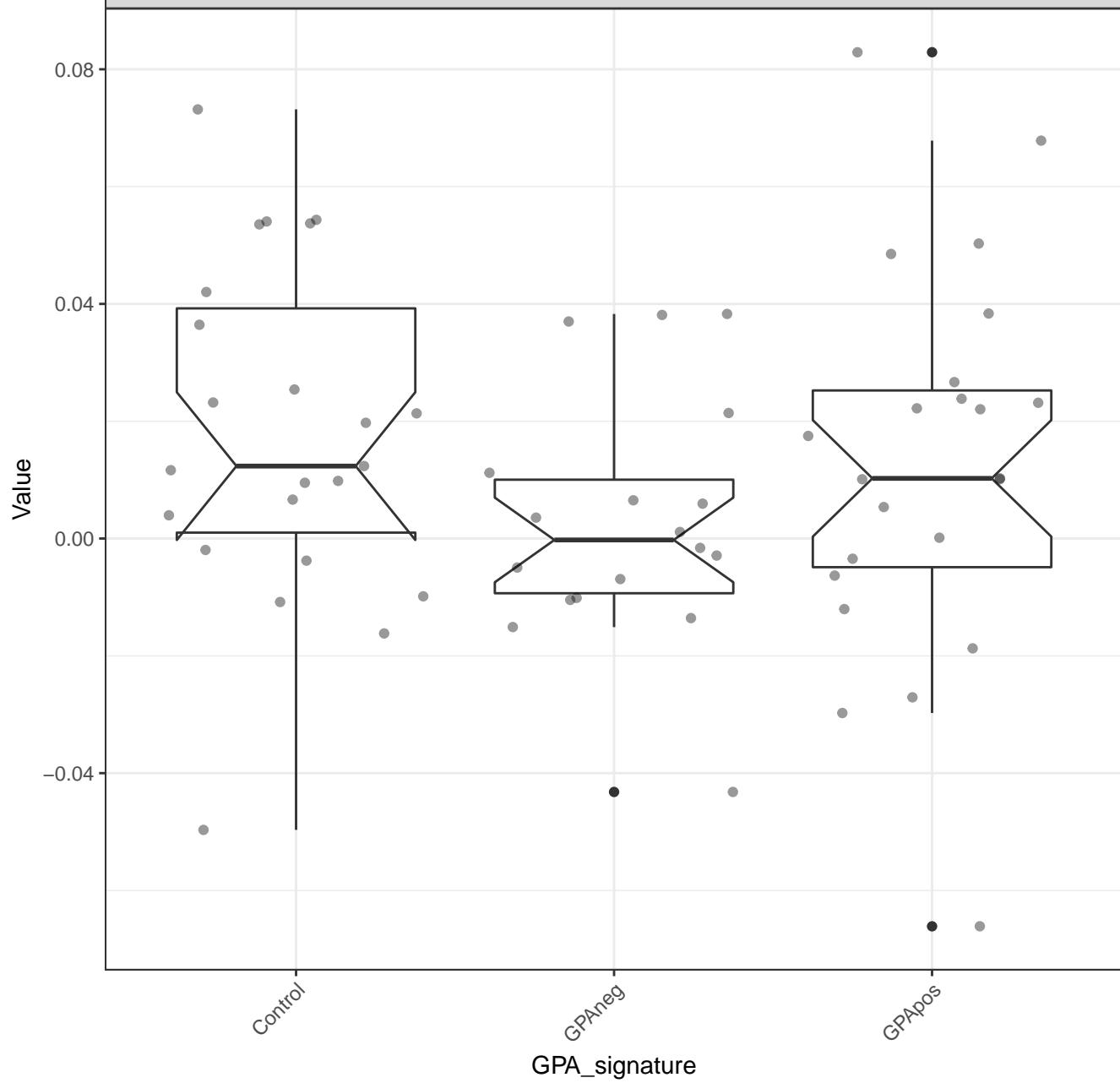


LV 958

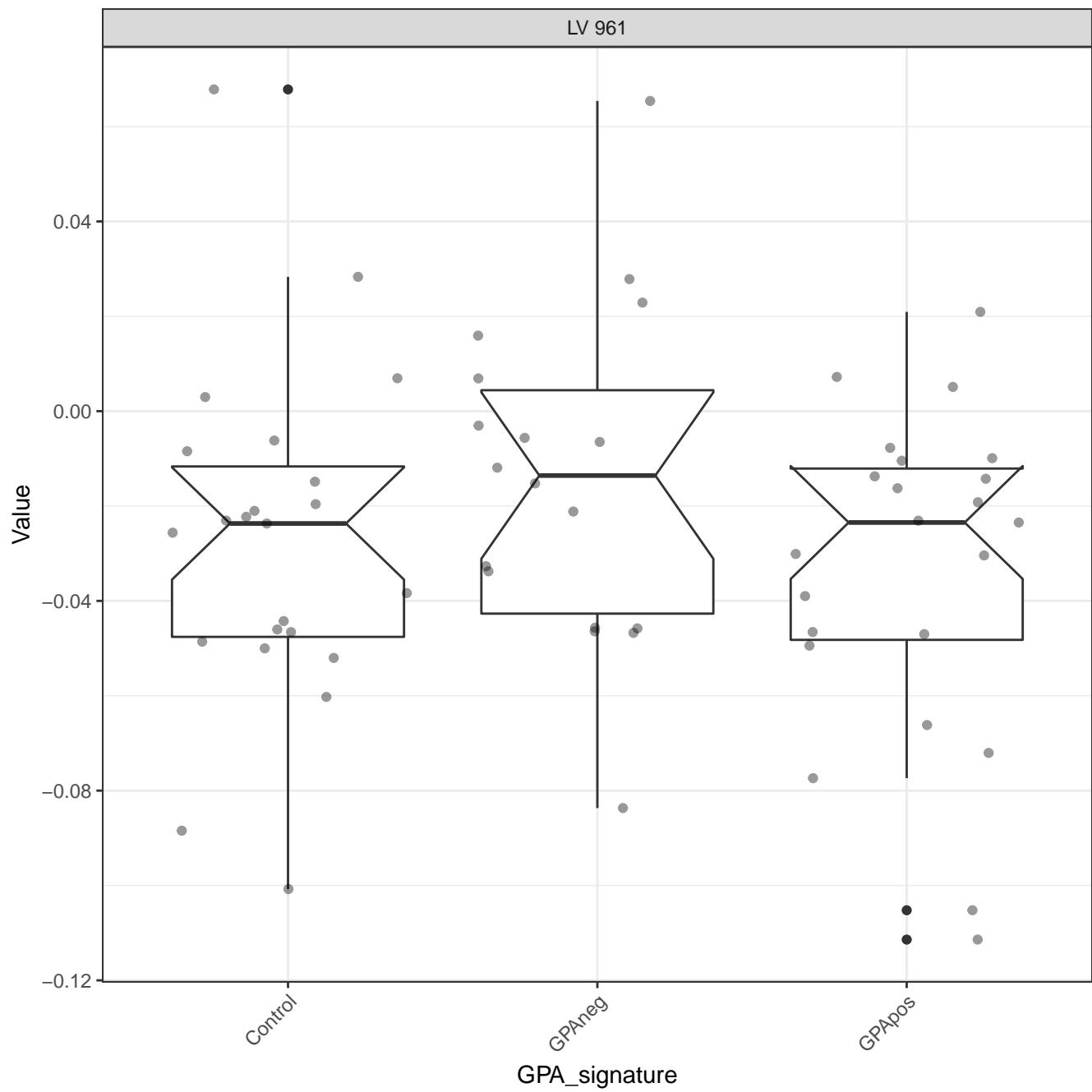


LV 959

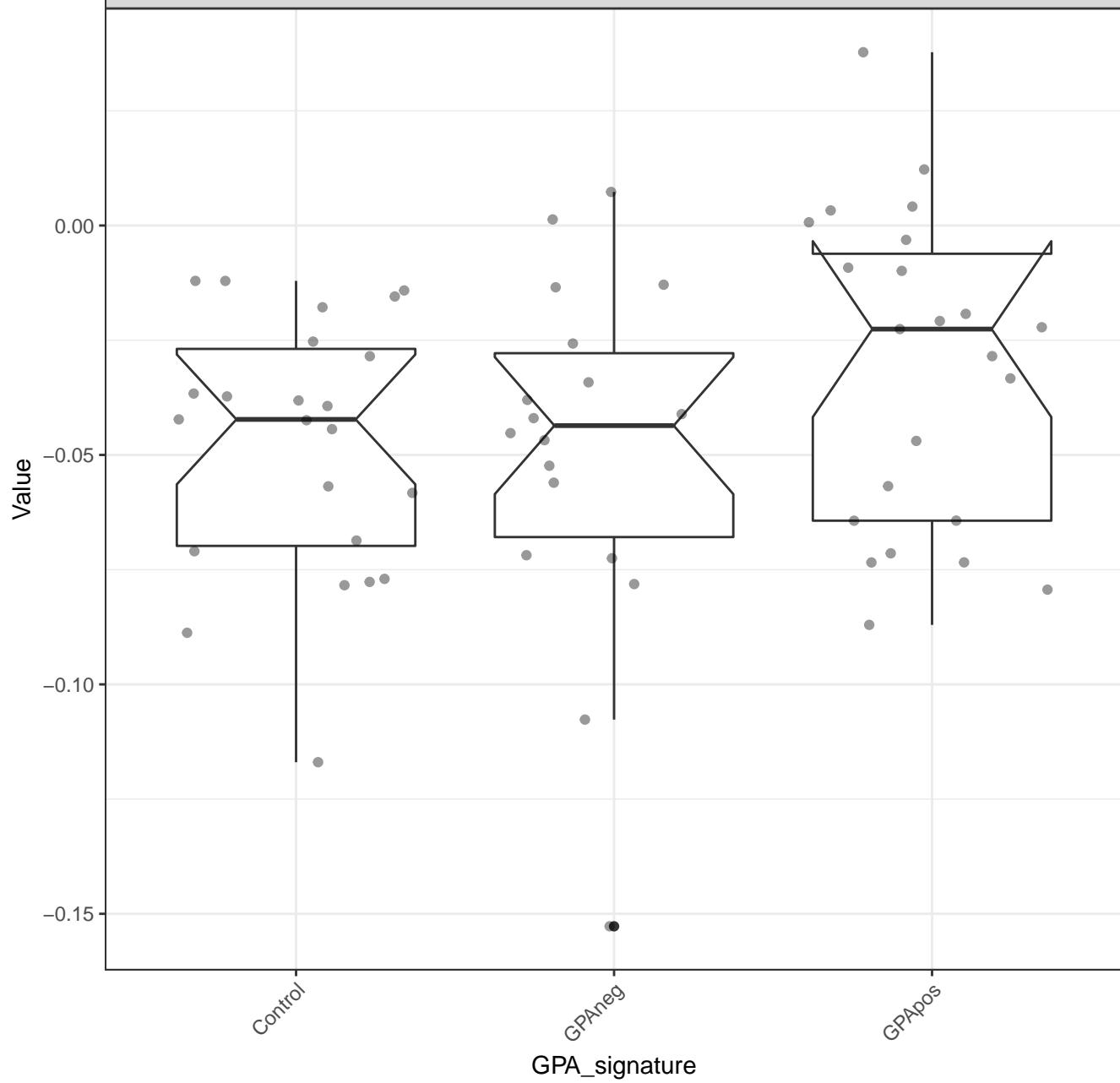




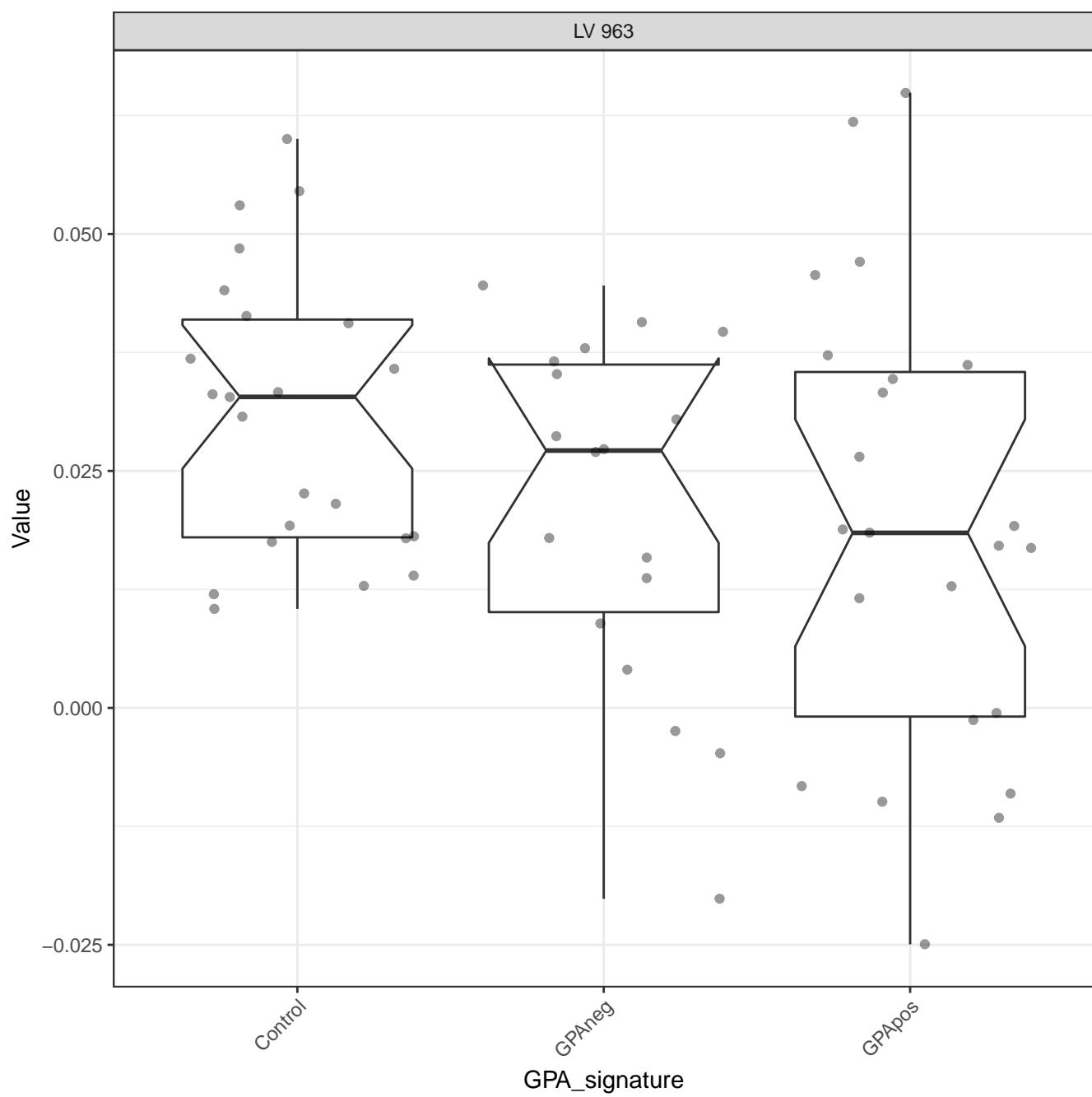
LV 961



LV 962



LV 963



964,SVM T cells CD8

Value

0.05

0.00

-0.05

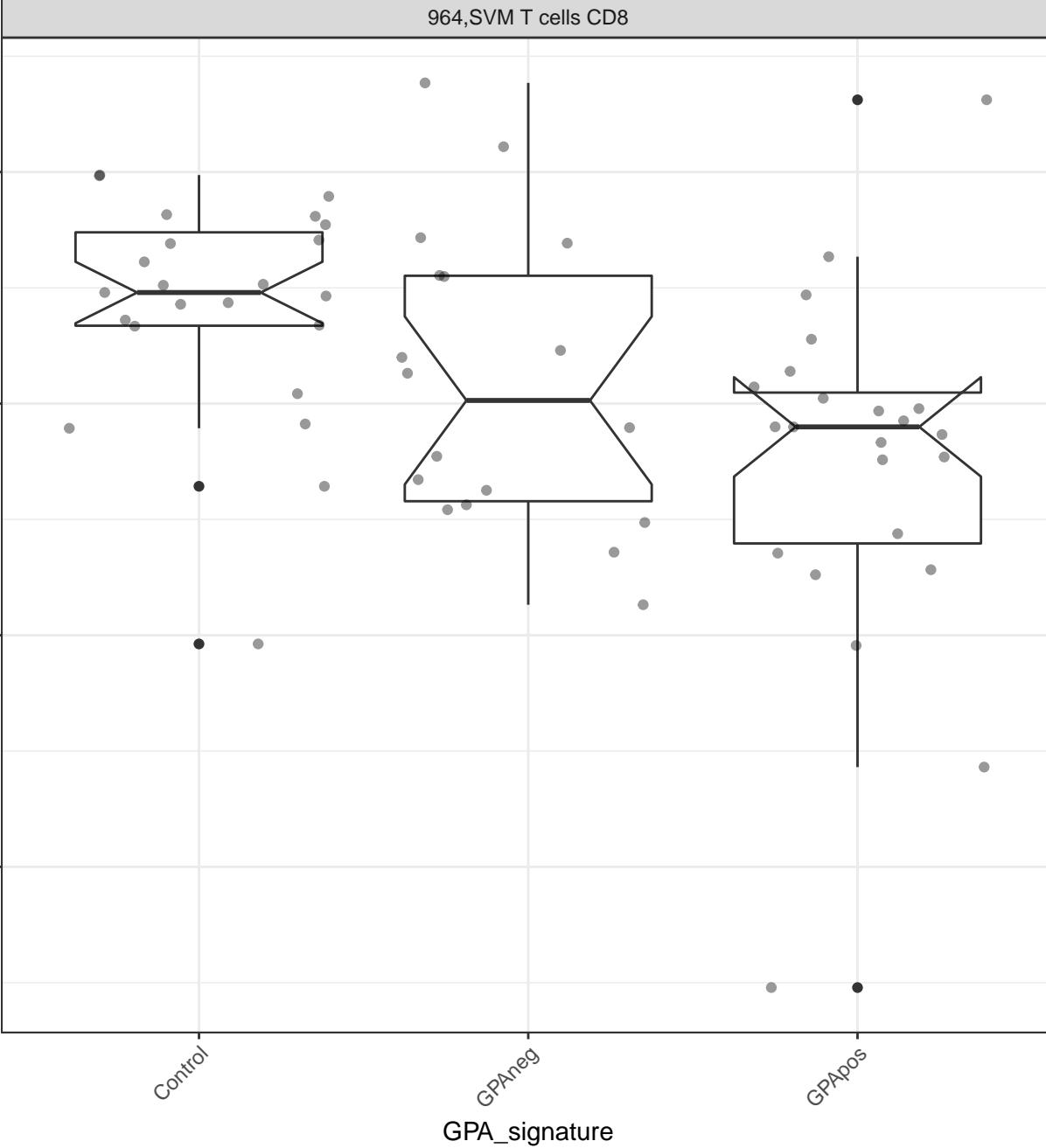
-0.10

Control

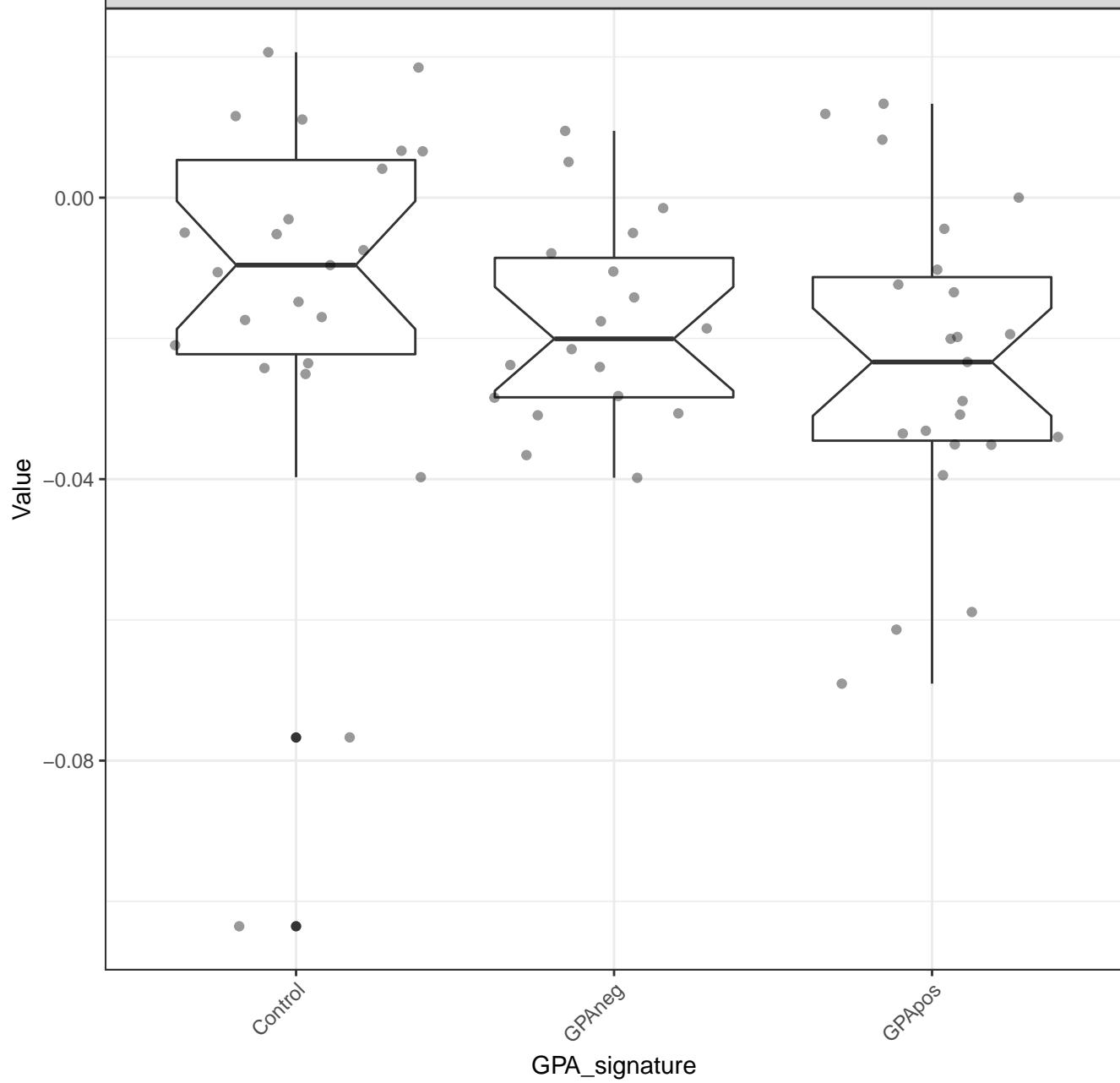
GPAneg

GPAPos

GPA_signature

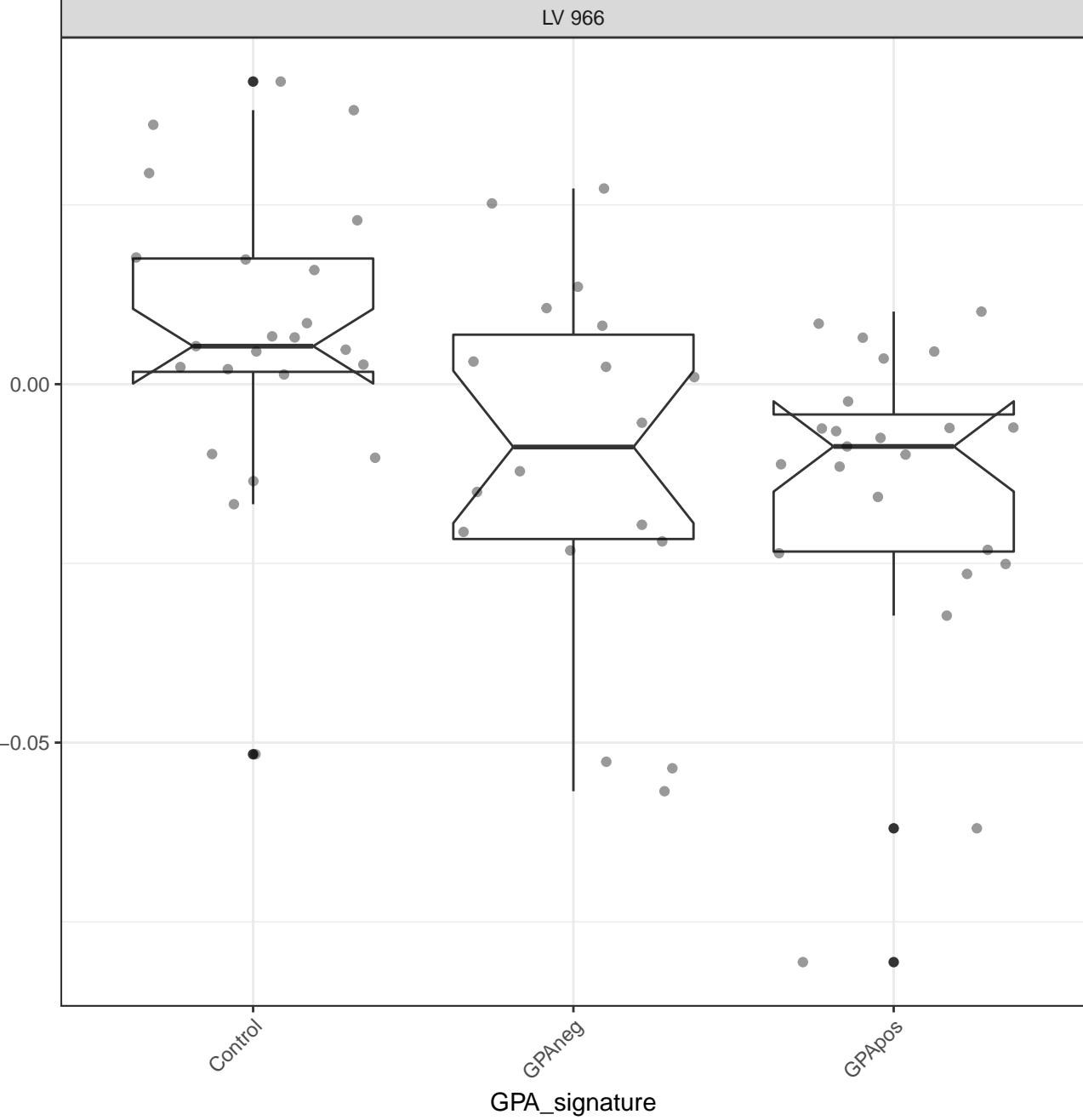


LV 965

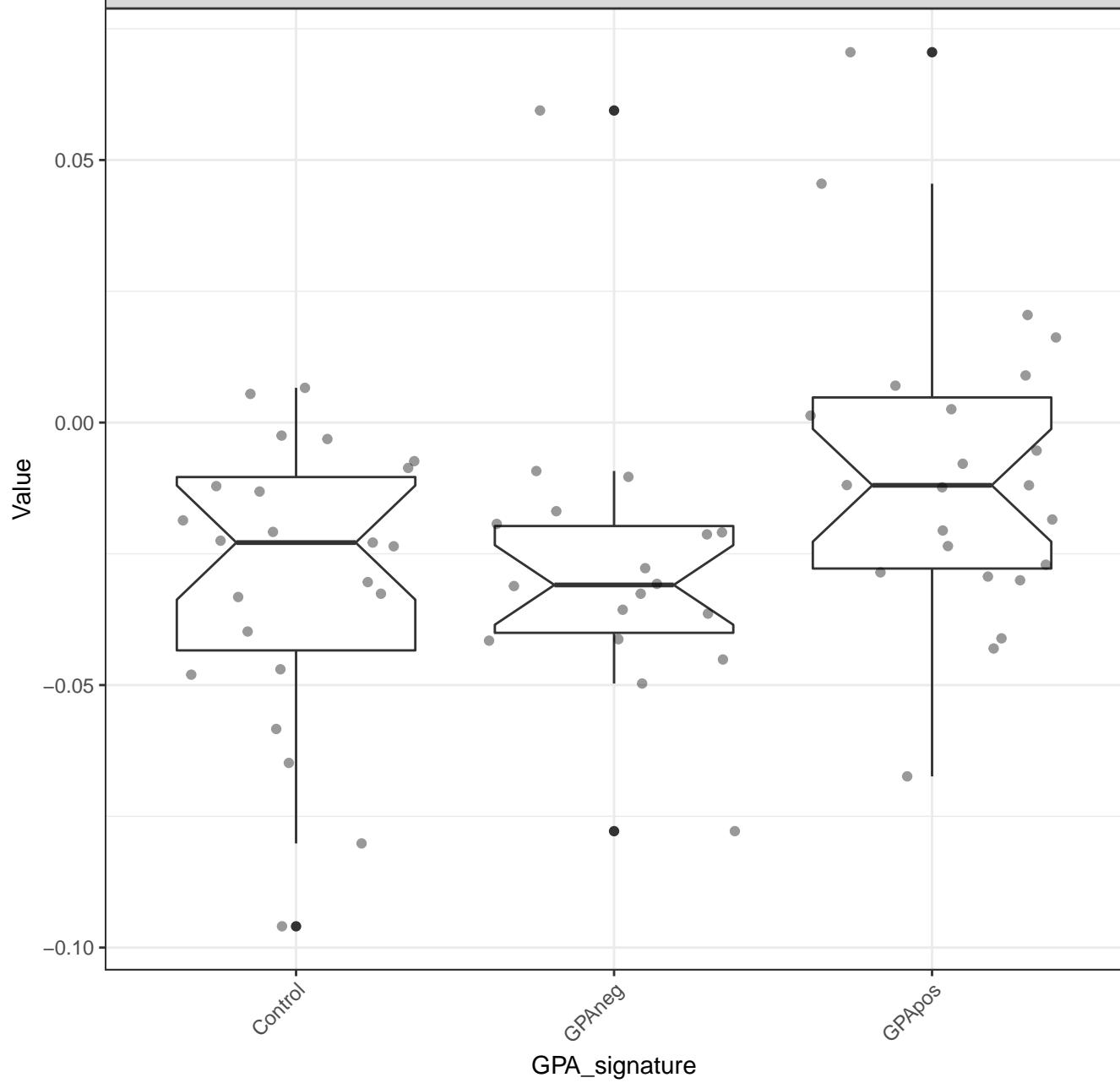


LV 966

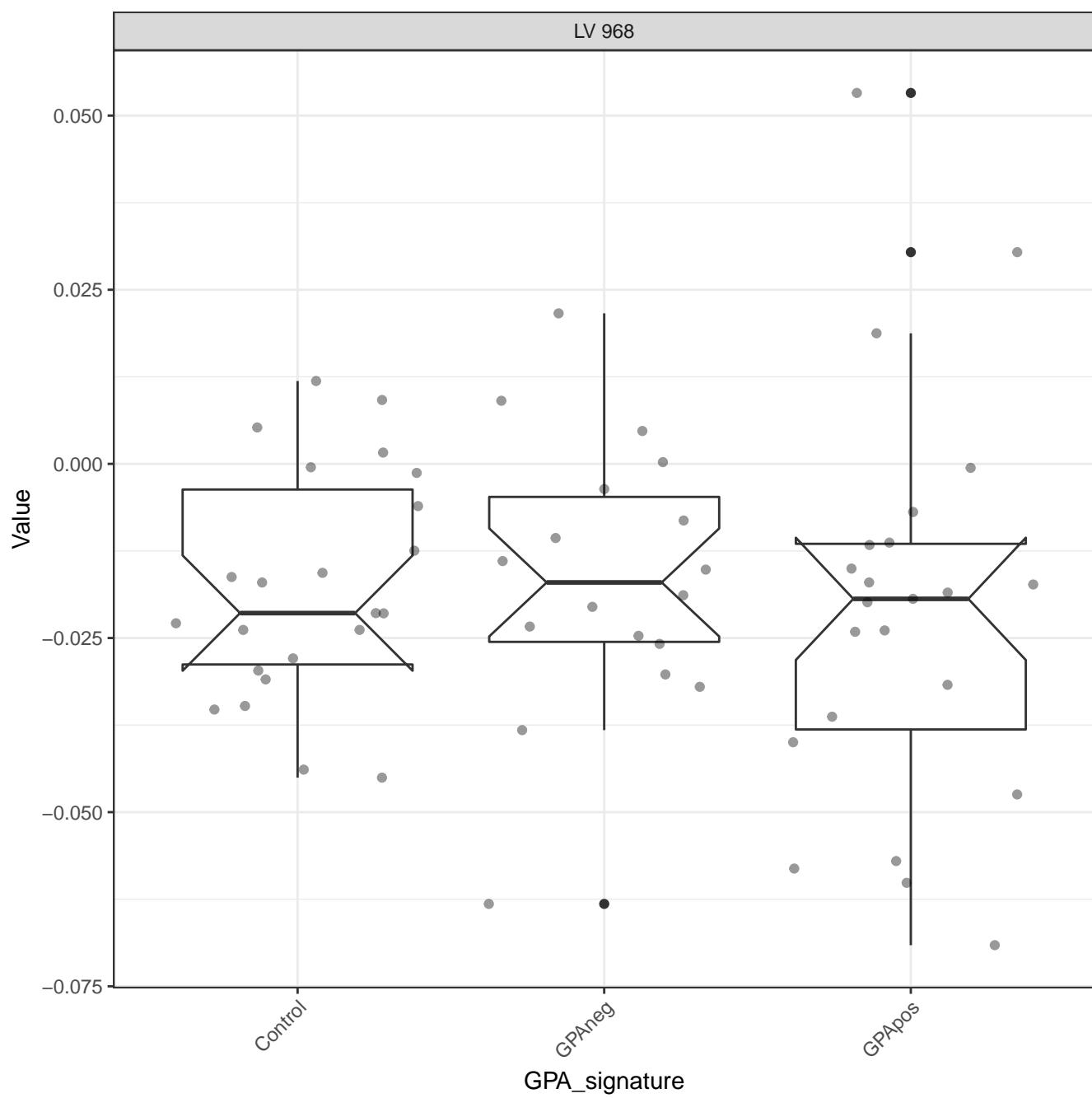
Value



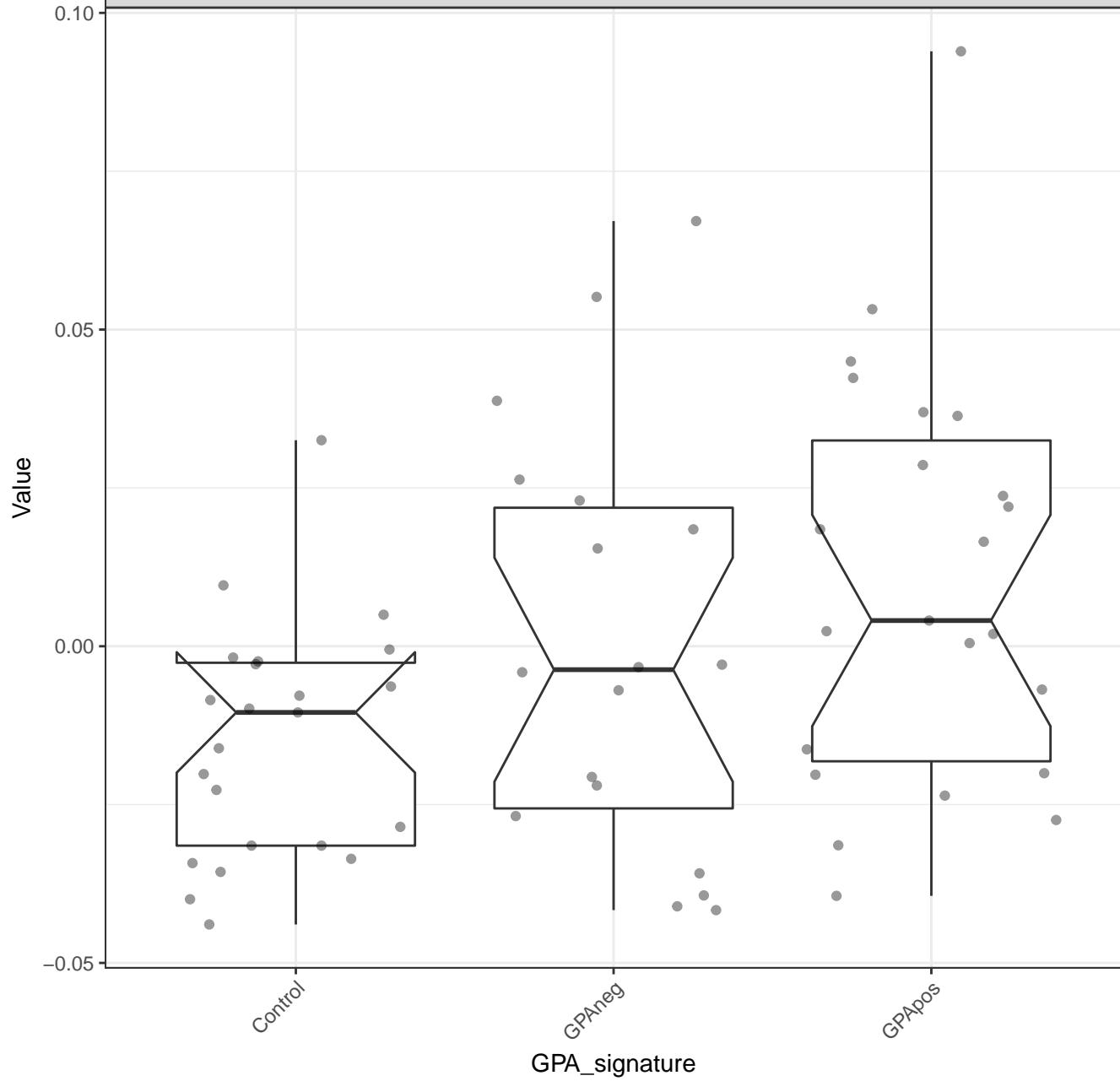
LV 967

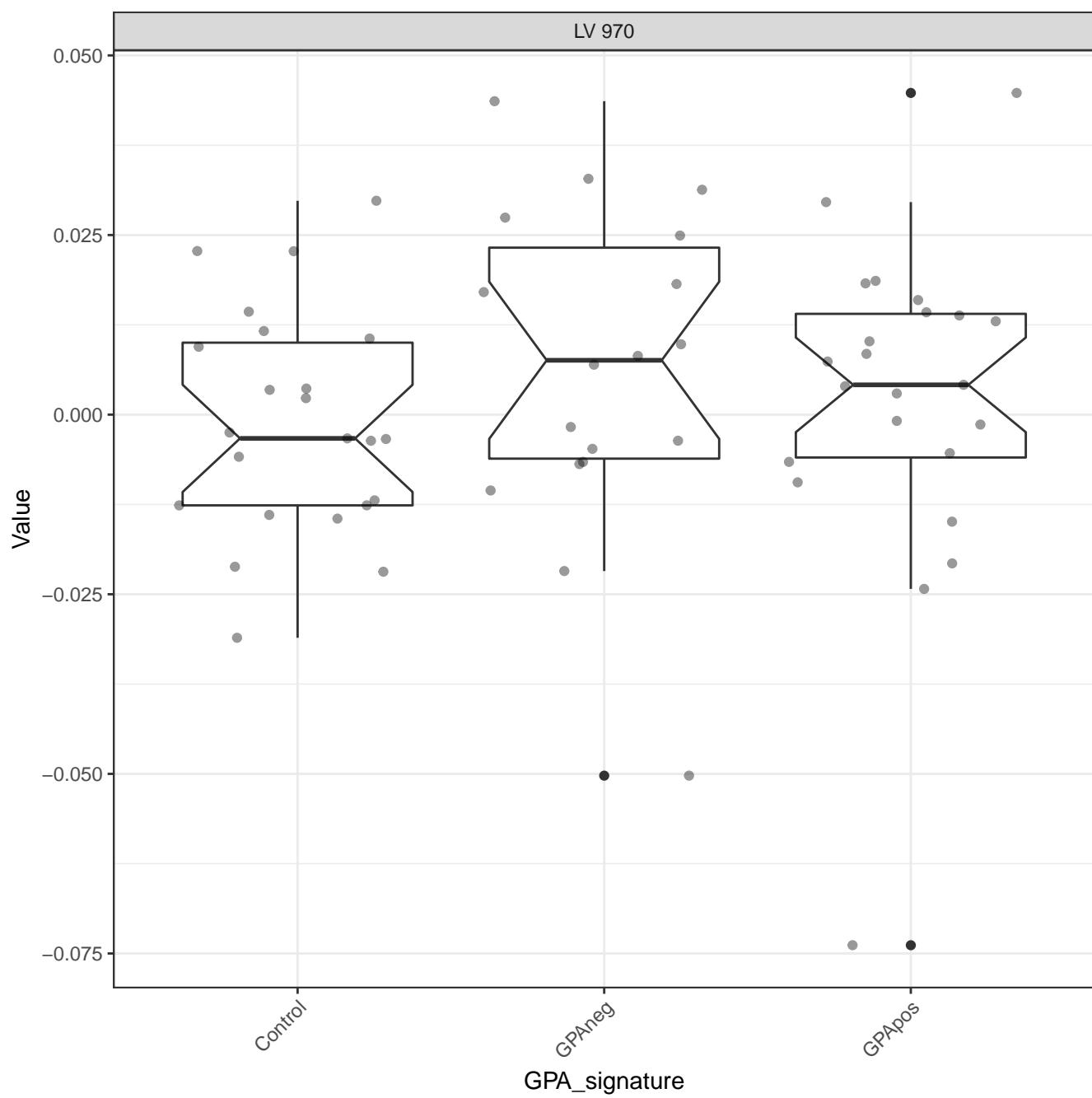


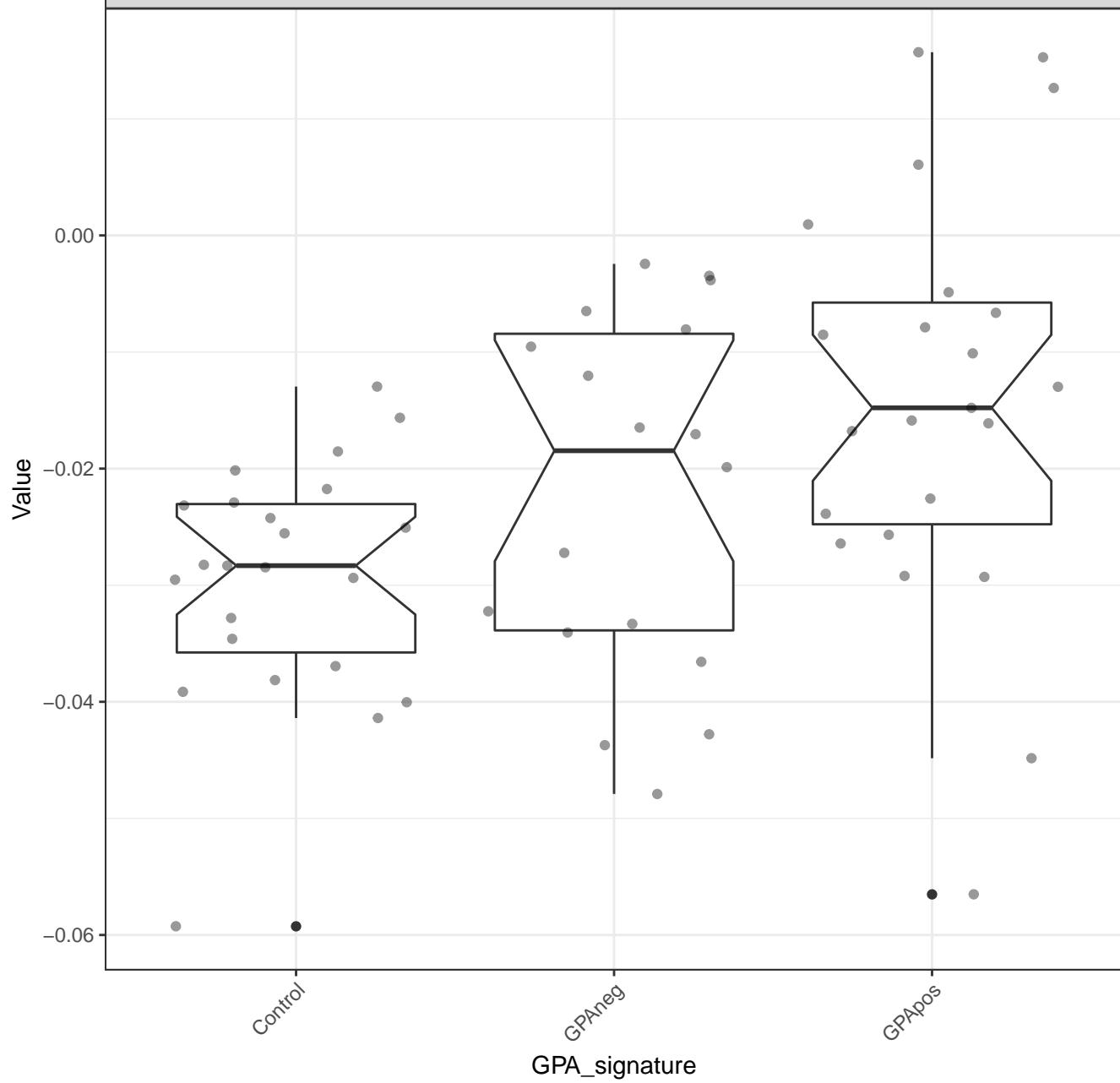
LV 968



LV 969







LV 972

Value

0.10

0.05

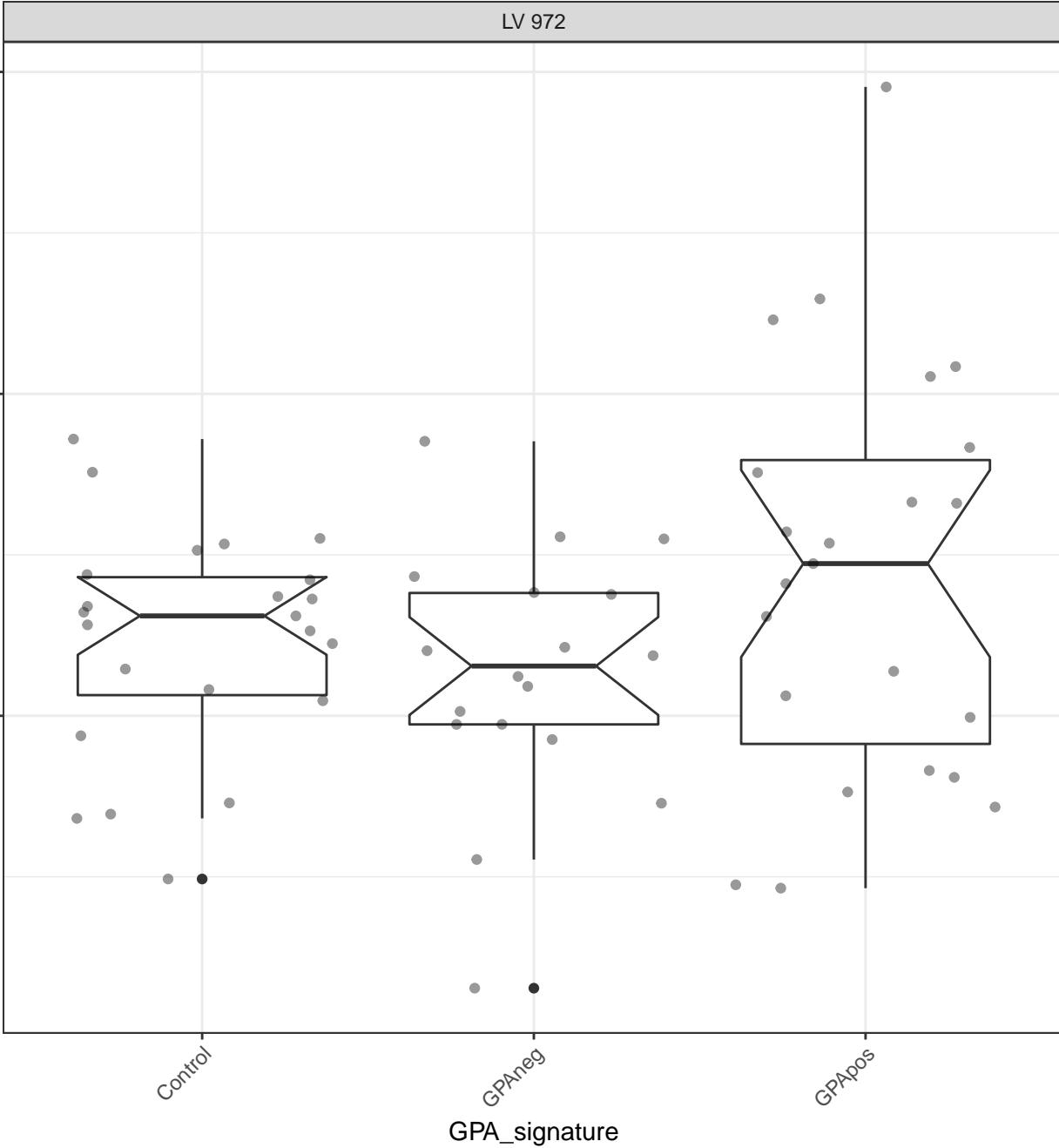
0.00

Control

GPA_signature

GPAneg

GPApos



LV 973

Value

0.050

0.025

0.000

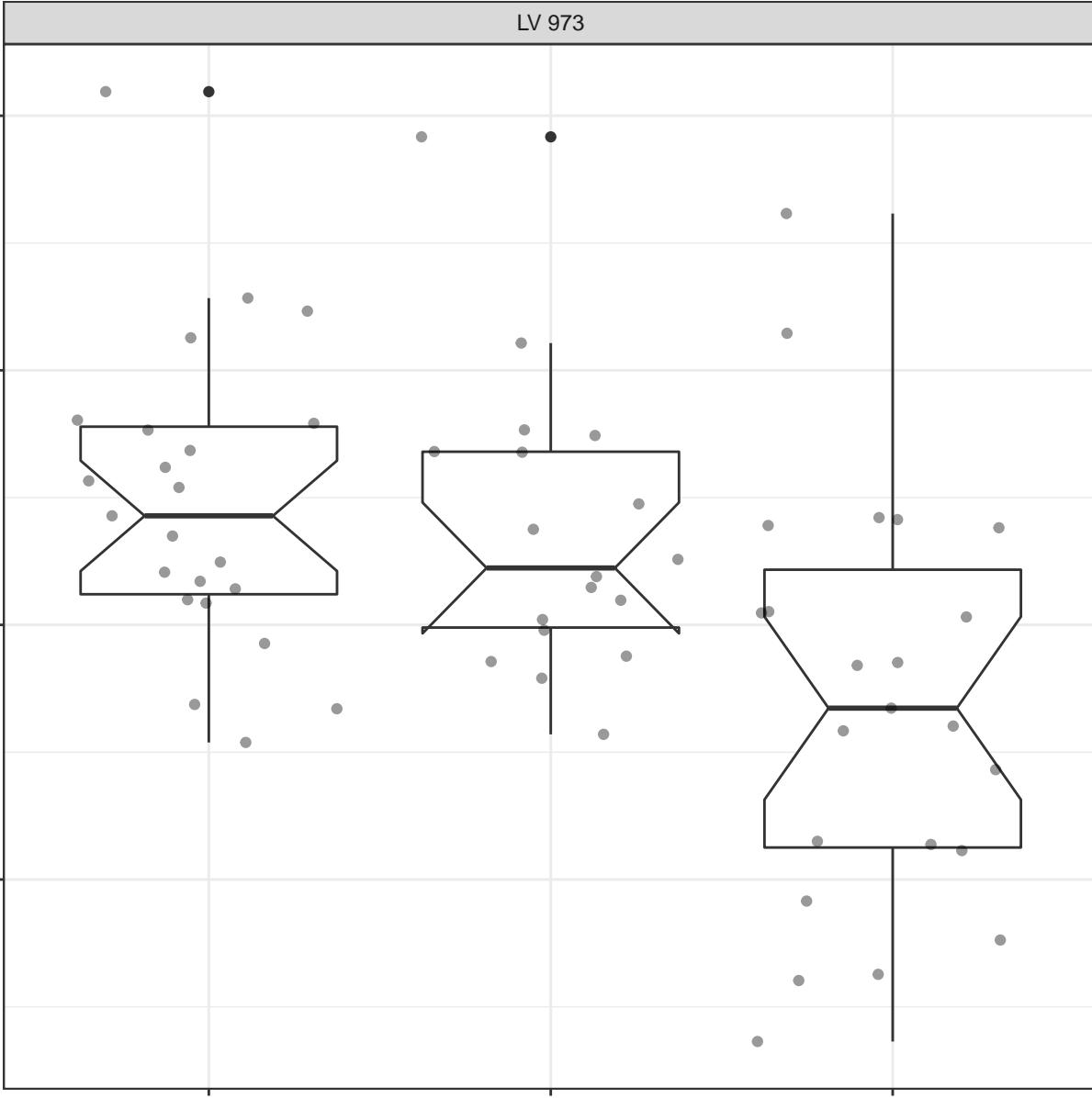
-0.025

Control

GPAneg

GPAPos

GPA_signature



LV 974

Value

0.10

0.05

0.00

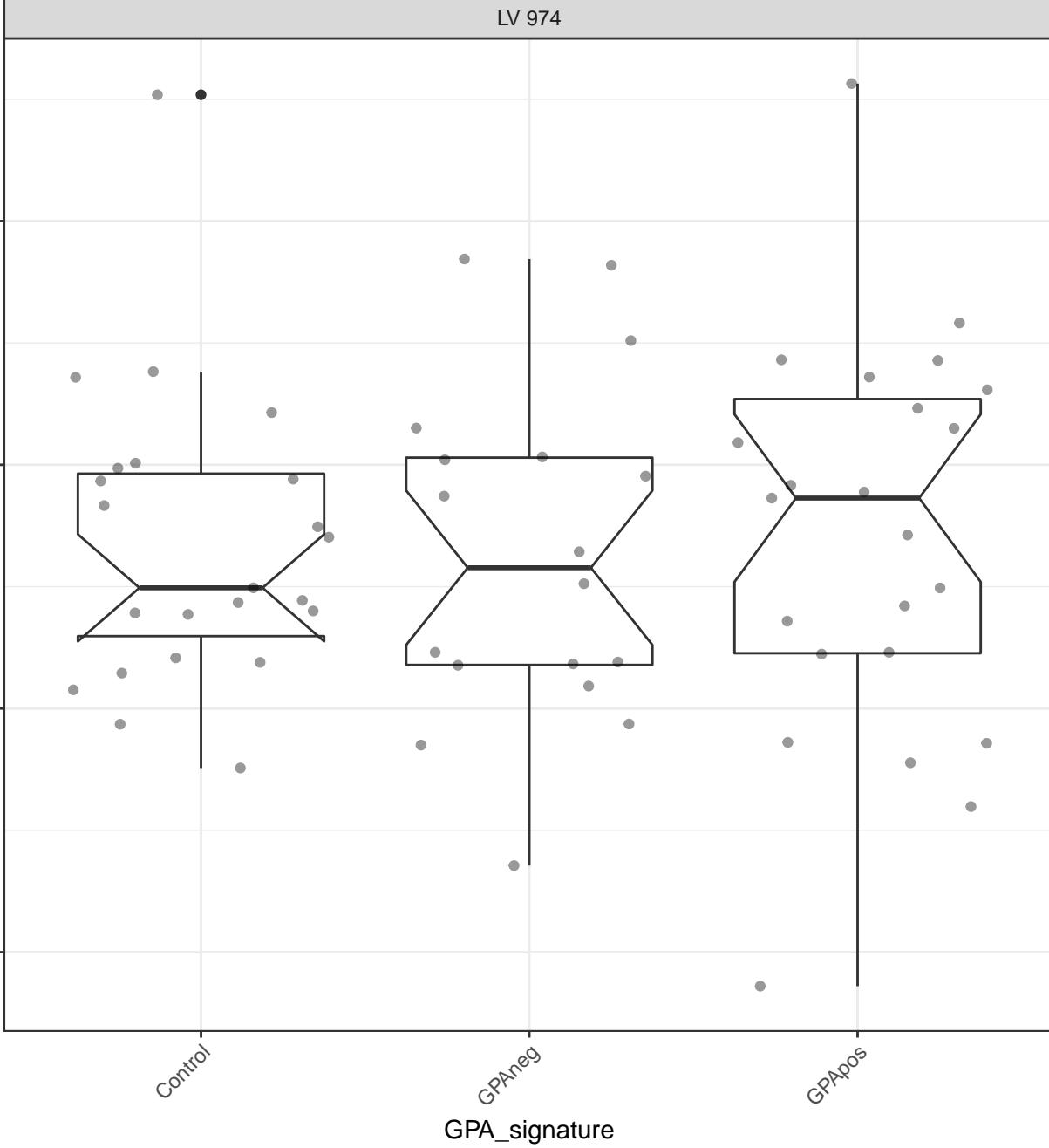
-0.05

Control

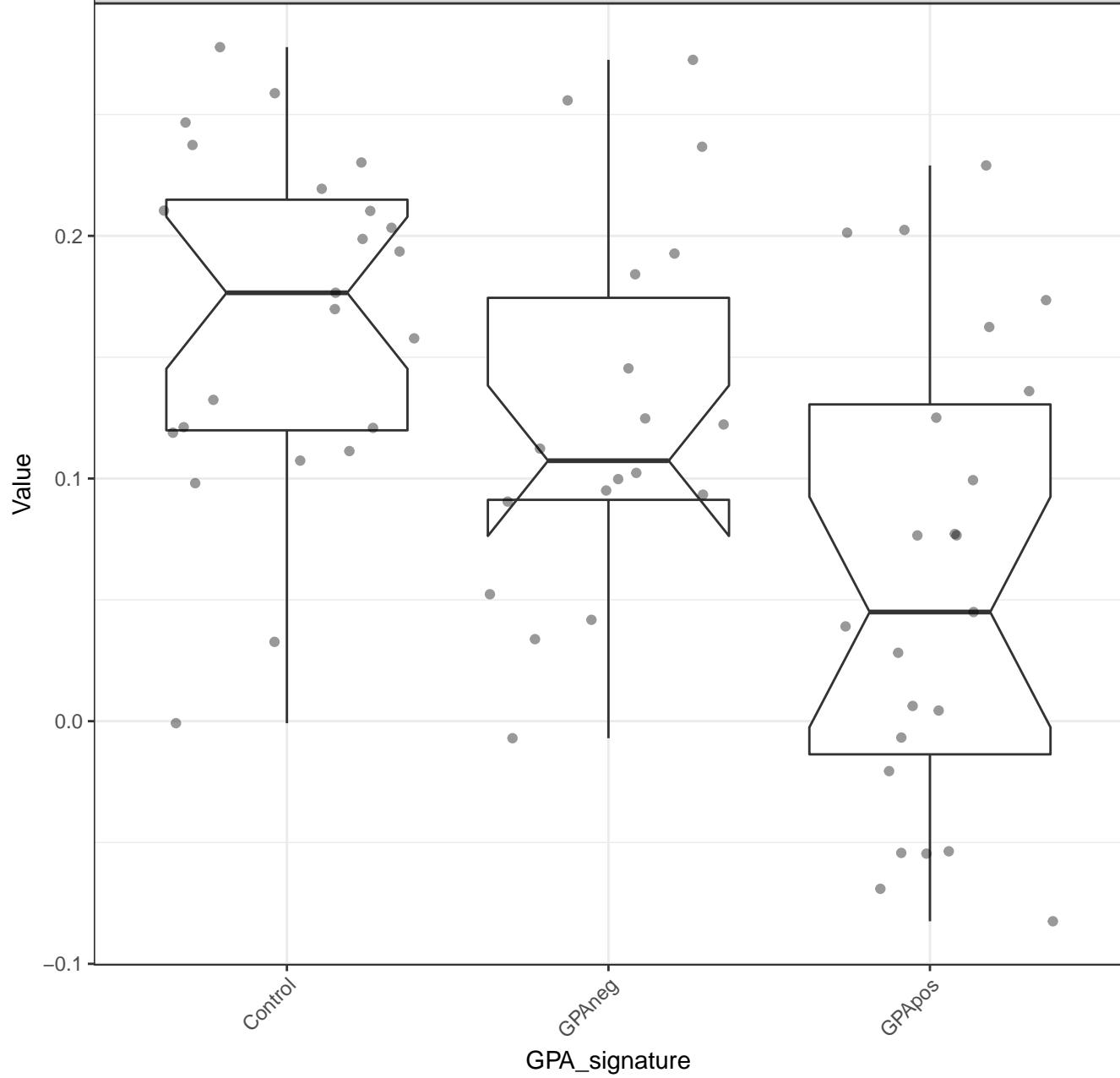
GPAneg

GPAPos

GPA_signature



975,SVM T cells CD4 memory resting



LV 976

Value

0.4

0.3

0.2

0.1

0.0

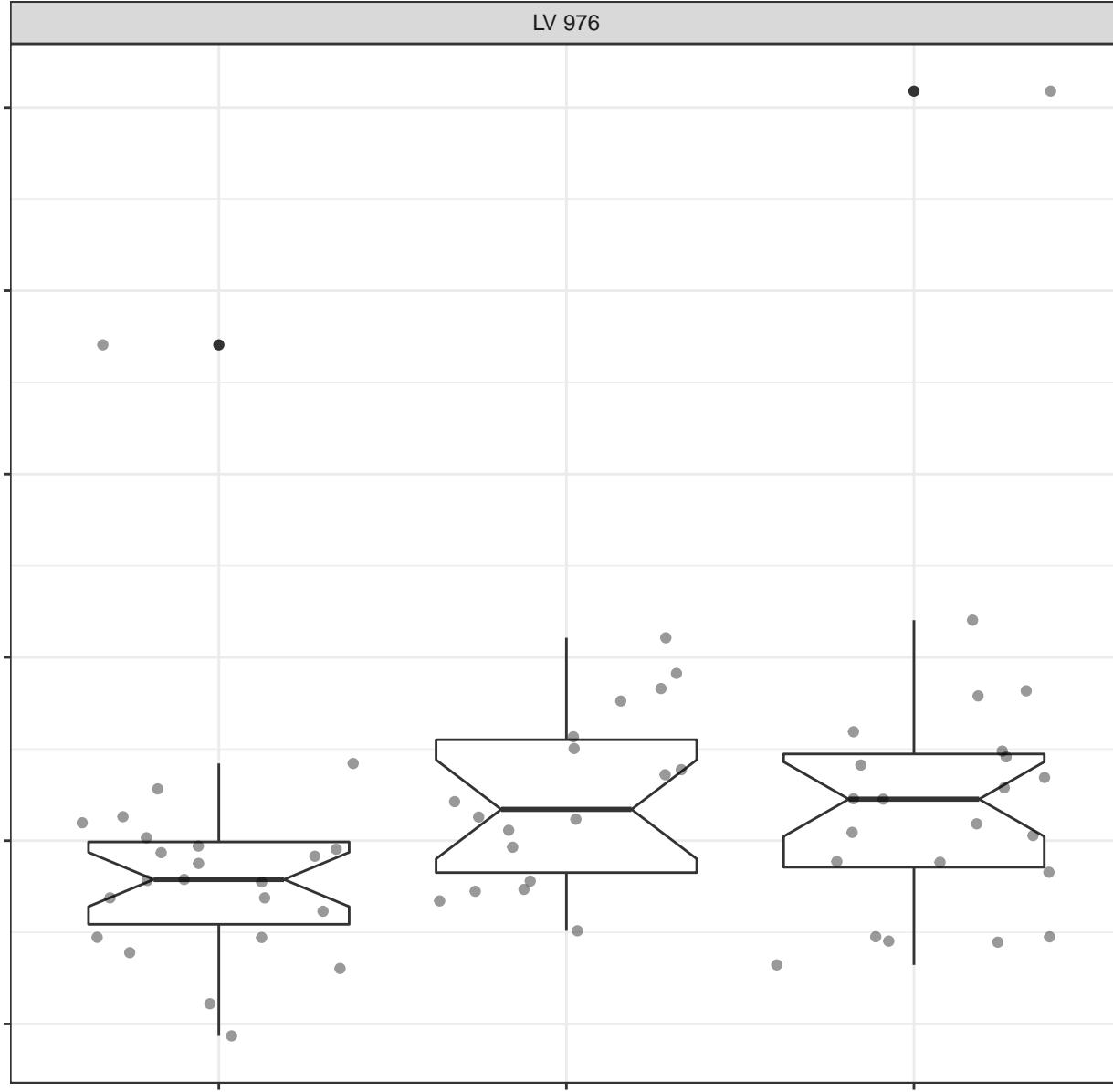
-0.1

Control

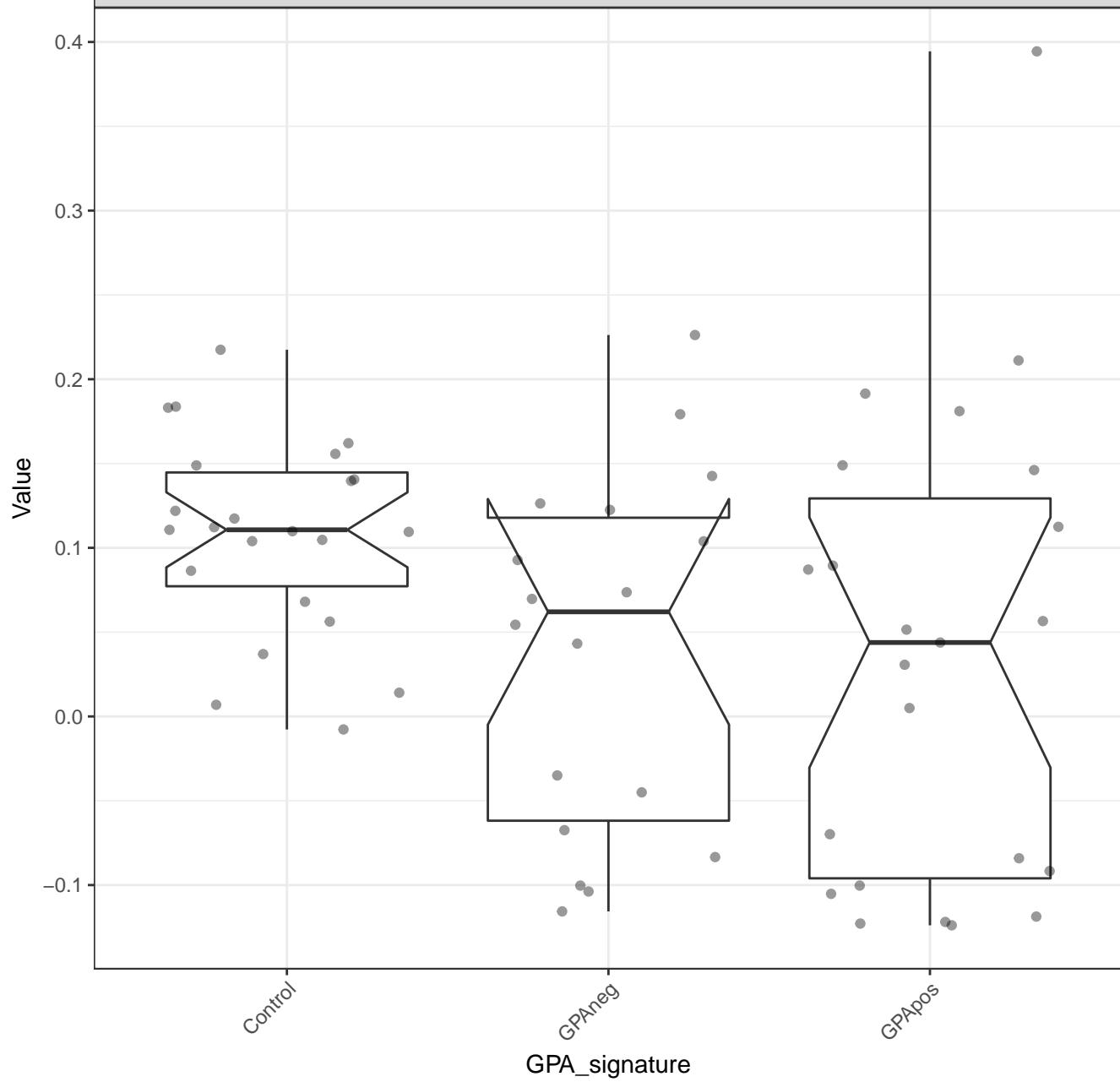
GPA_signature

GPAneg

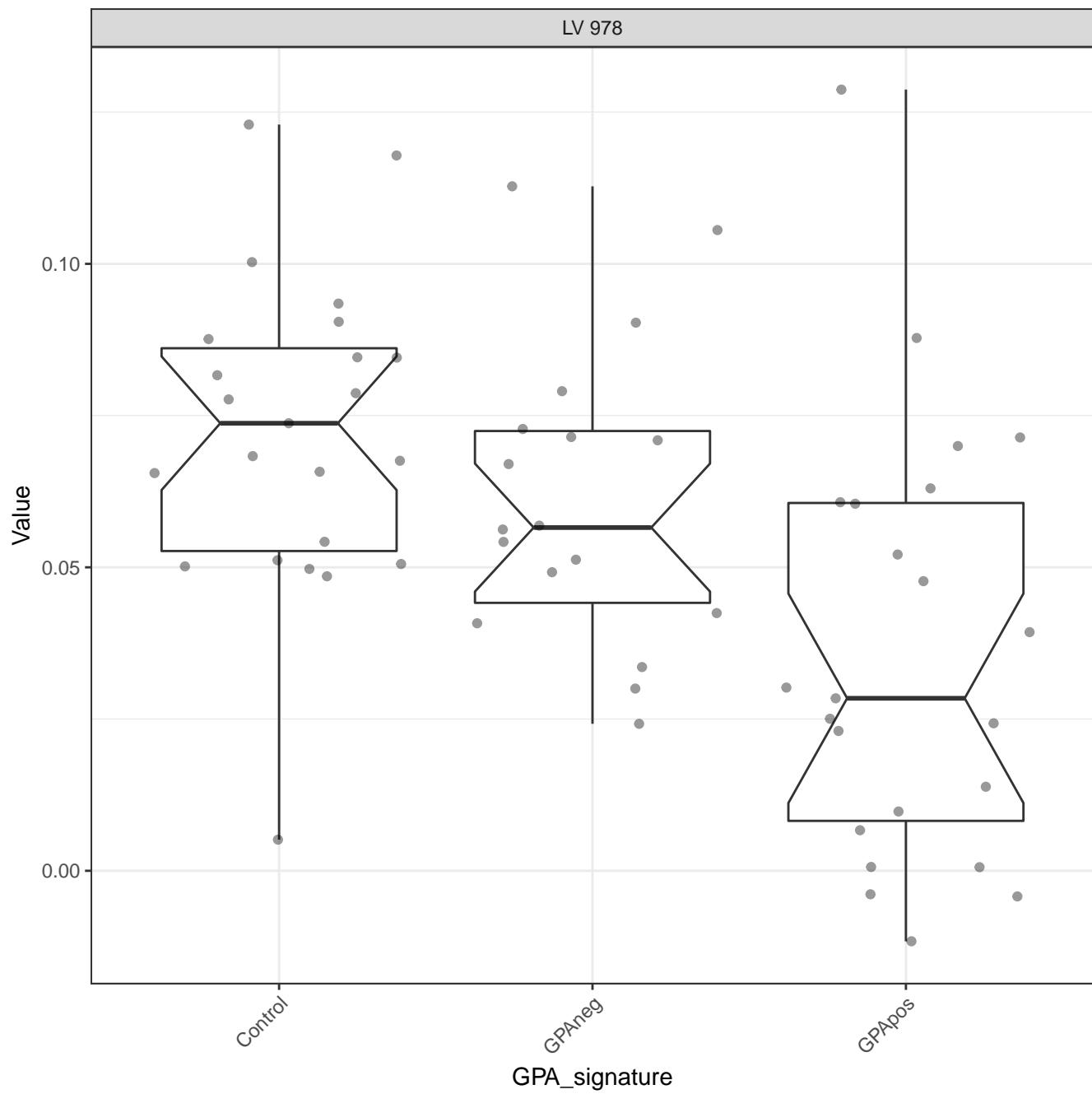
GPApos



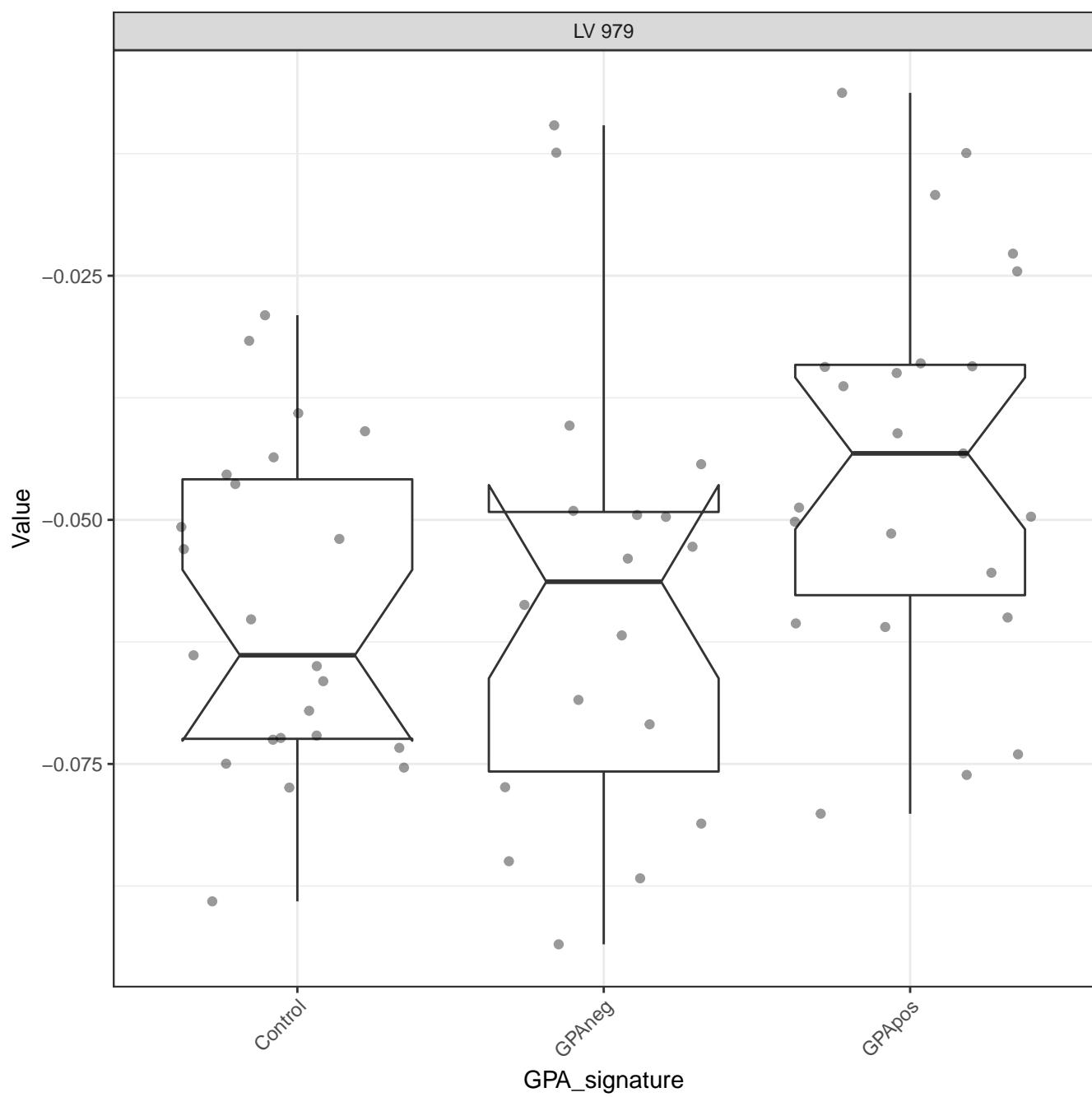
977,SVM B cells naive



LV 978



LV 979



LV 980

Value

0.04

0.02

0.00

-0.02

-0.04

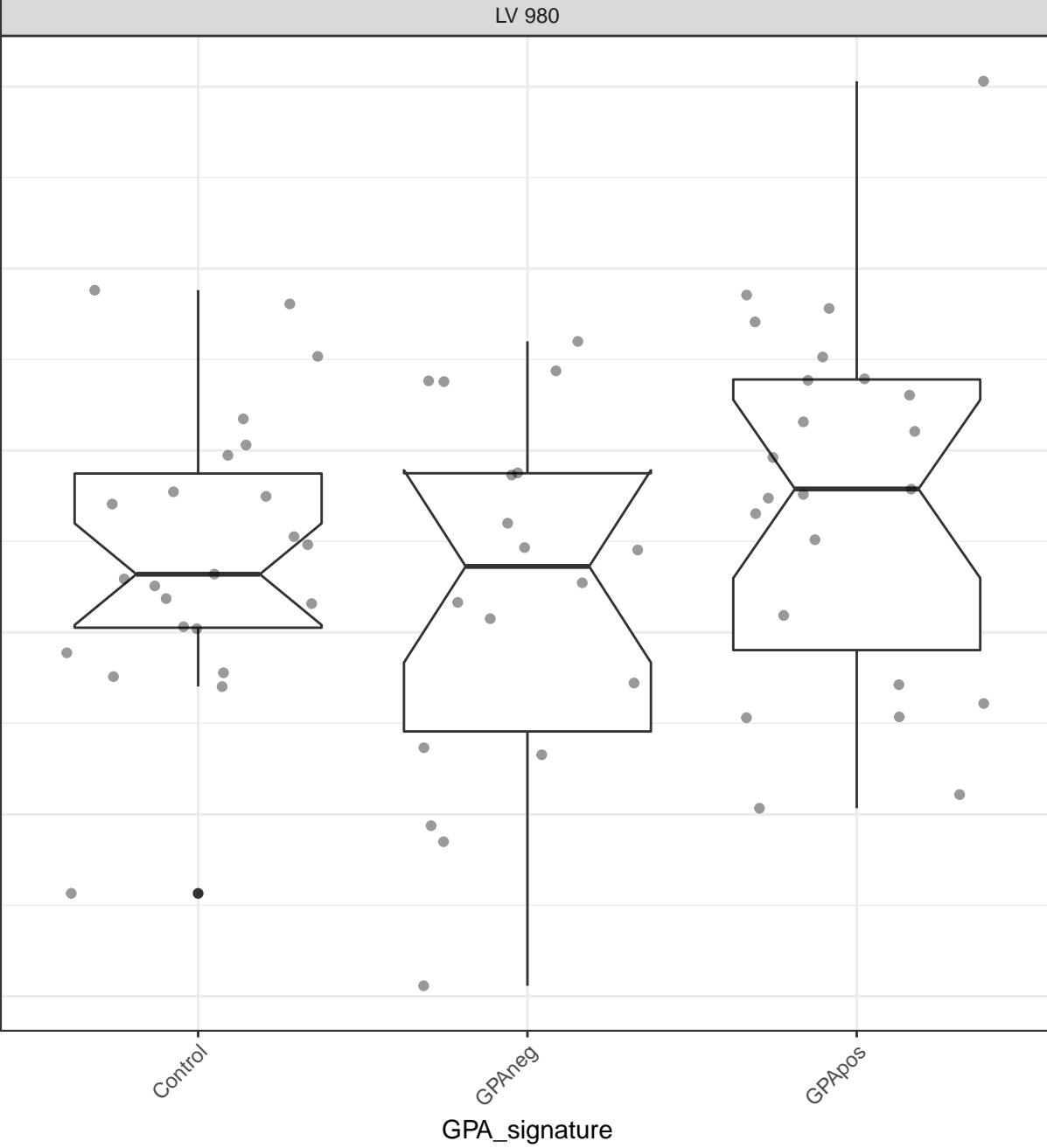
-0.06

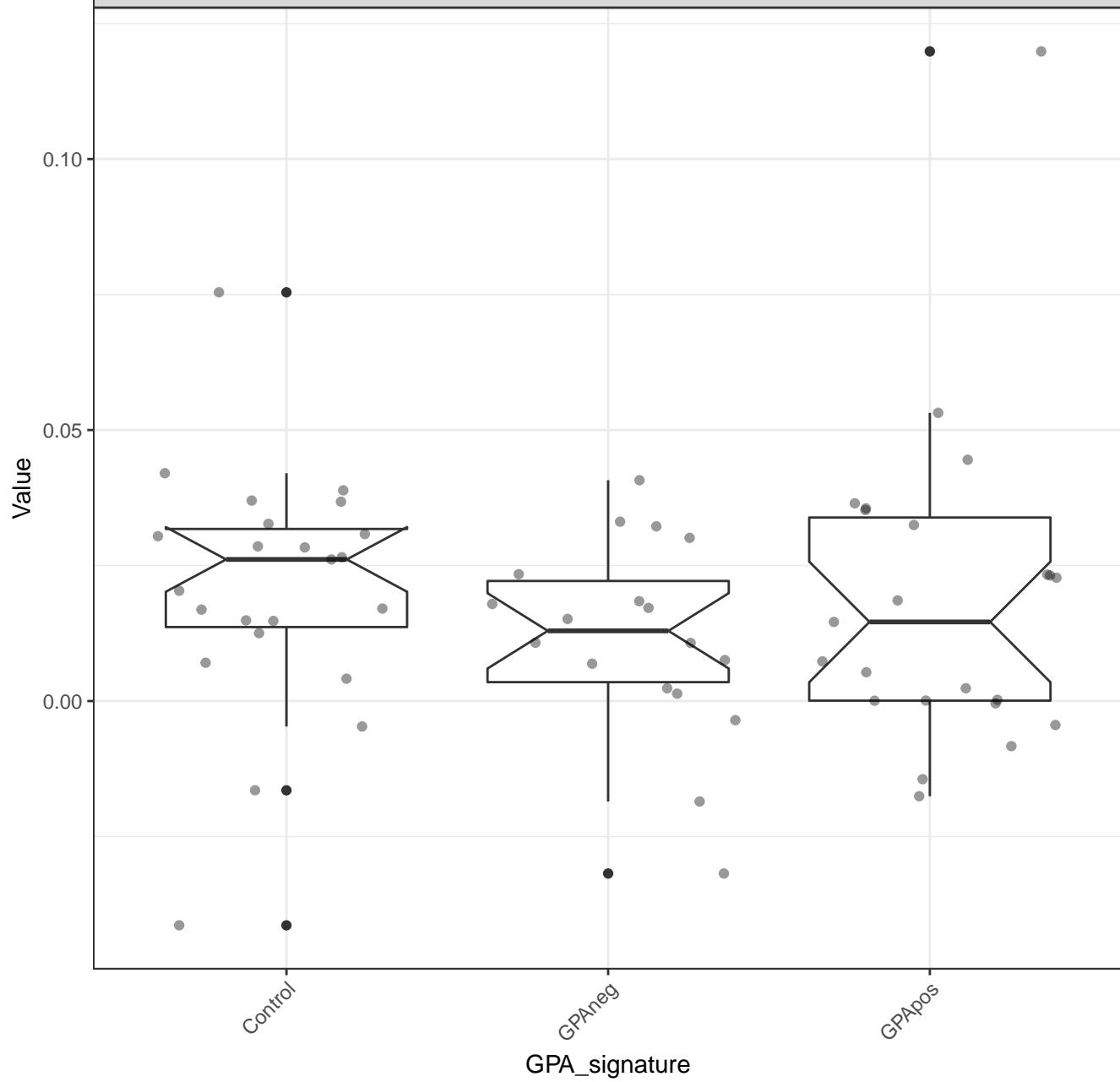
Control

GPA_signature

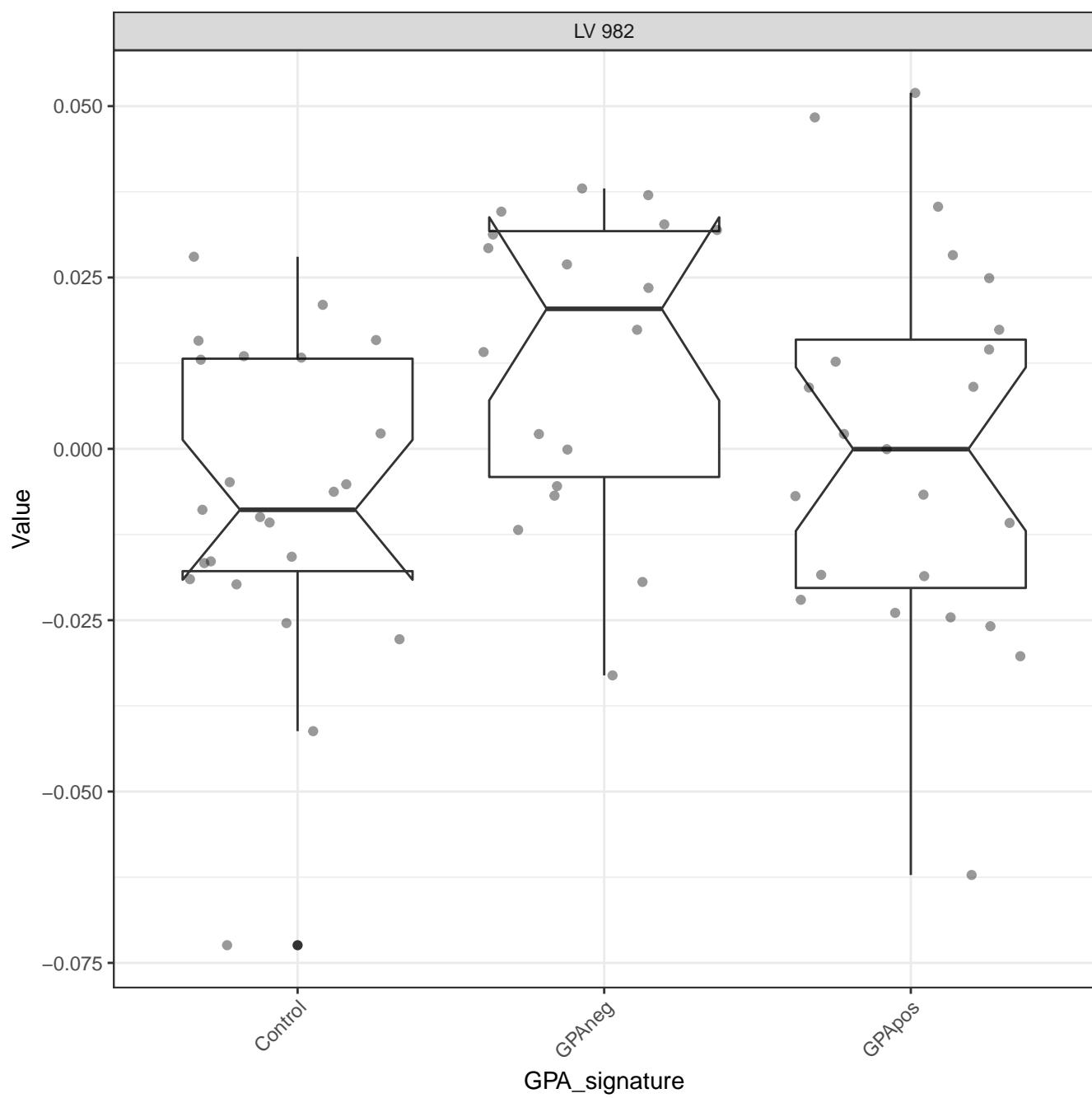
GPAneg

GPApos

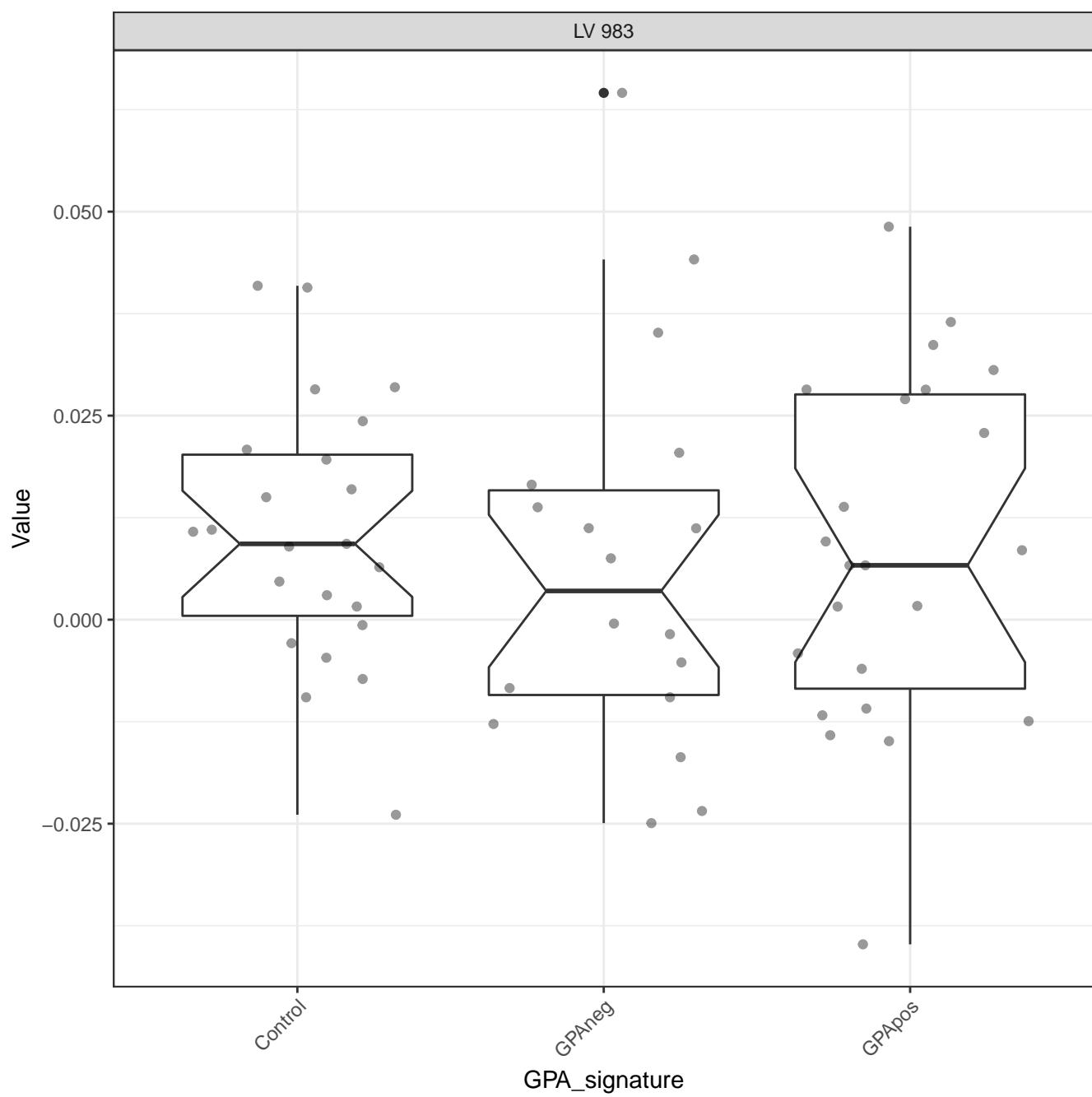




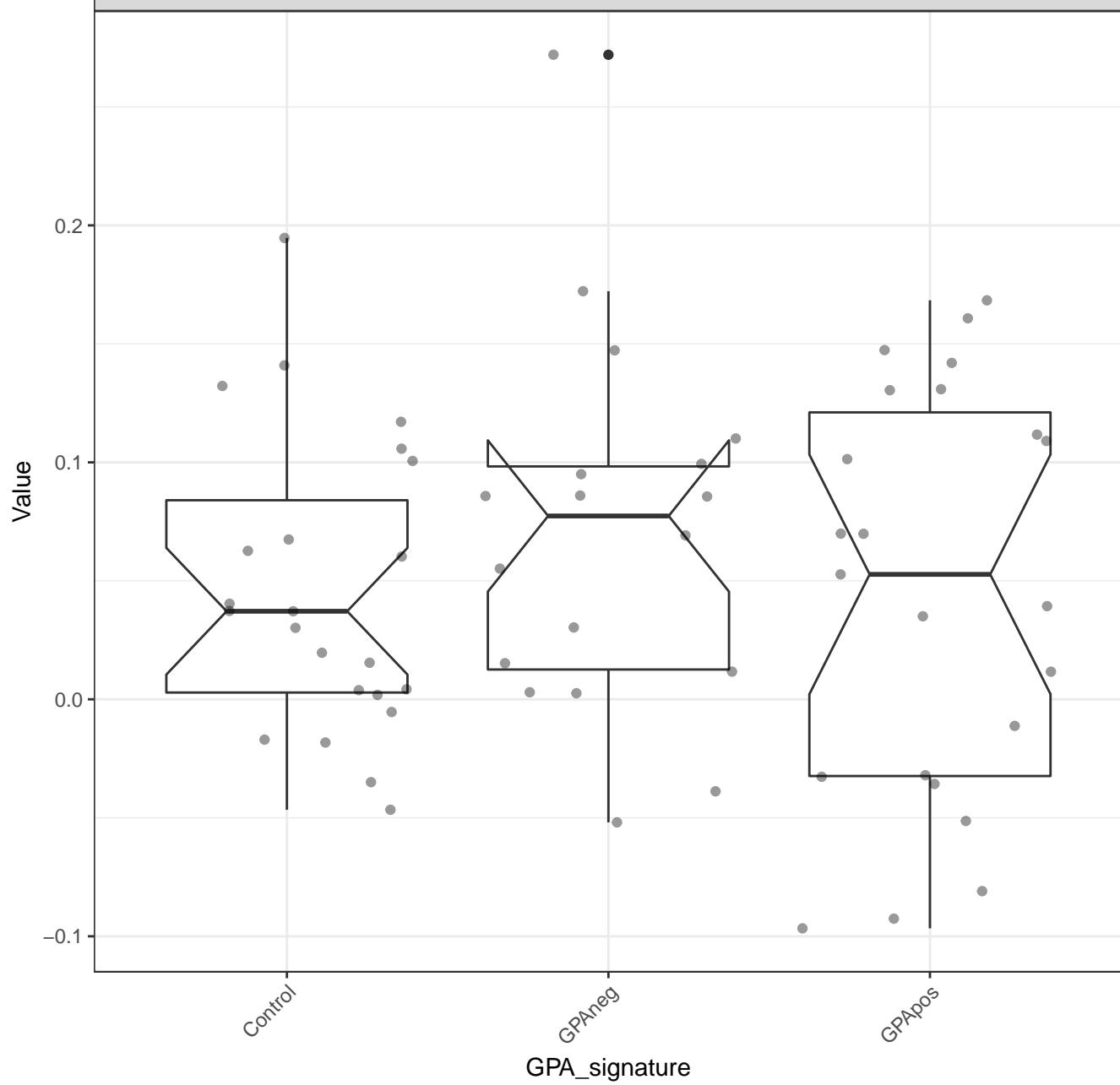
LV 982



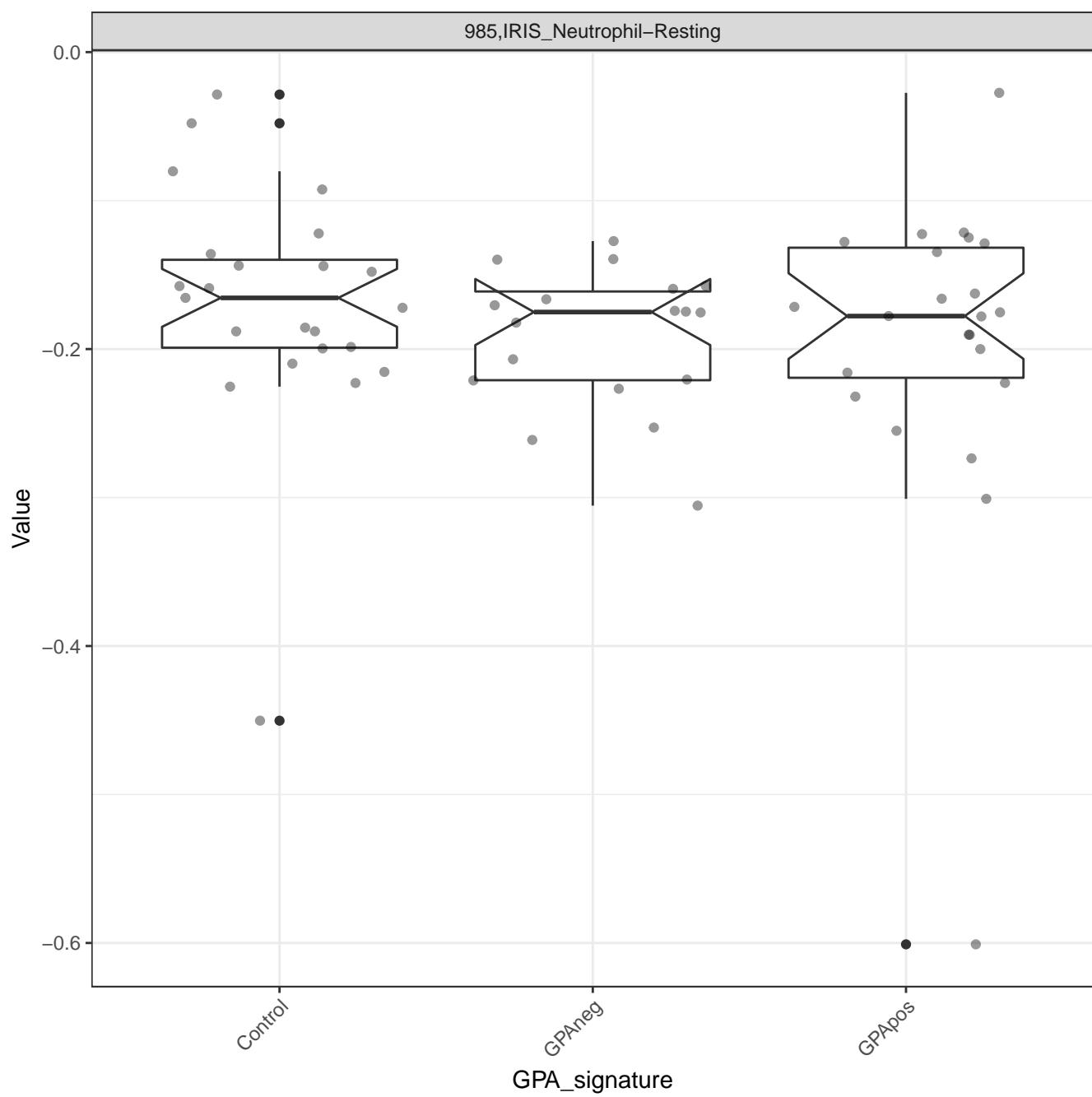
LV 983



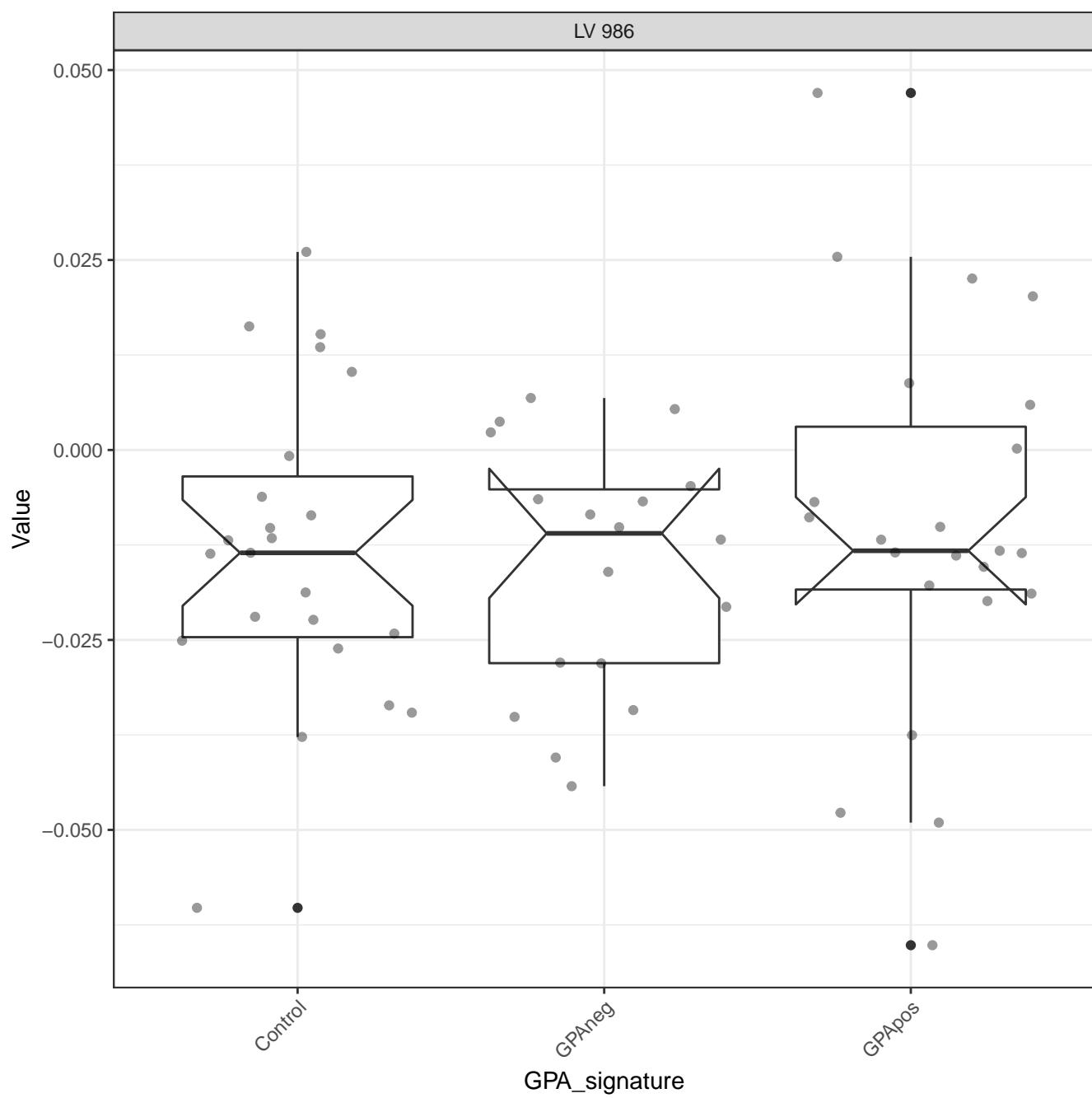
LV 984



985,IRIS_Neutrophil–Resting



LV 986



LV 987

