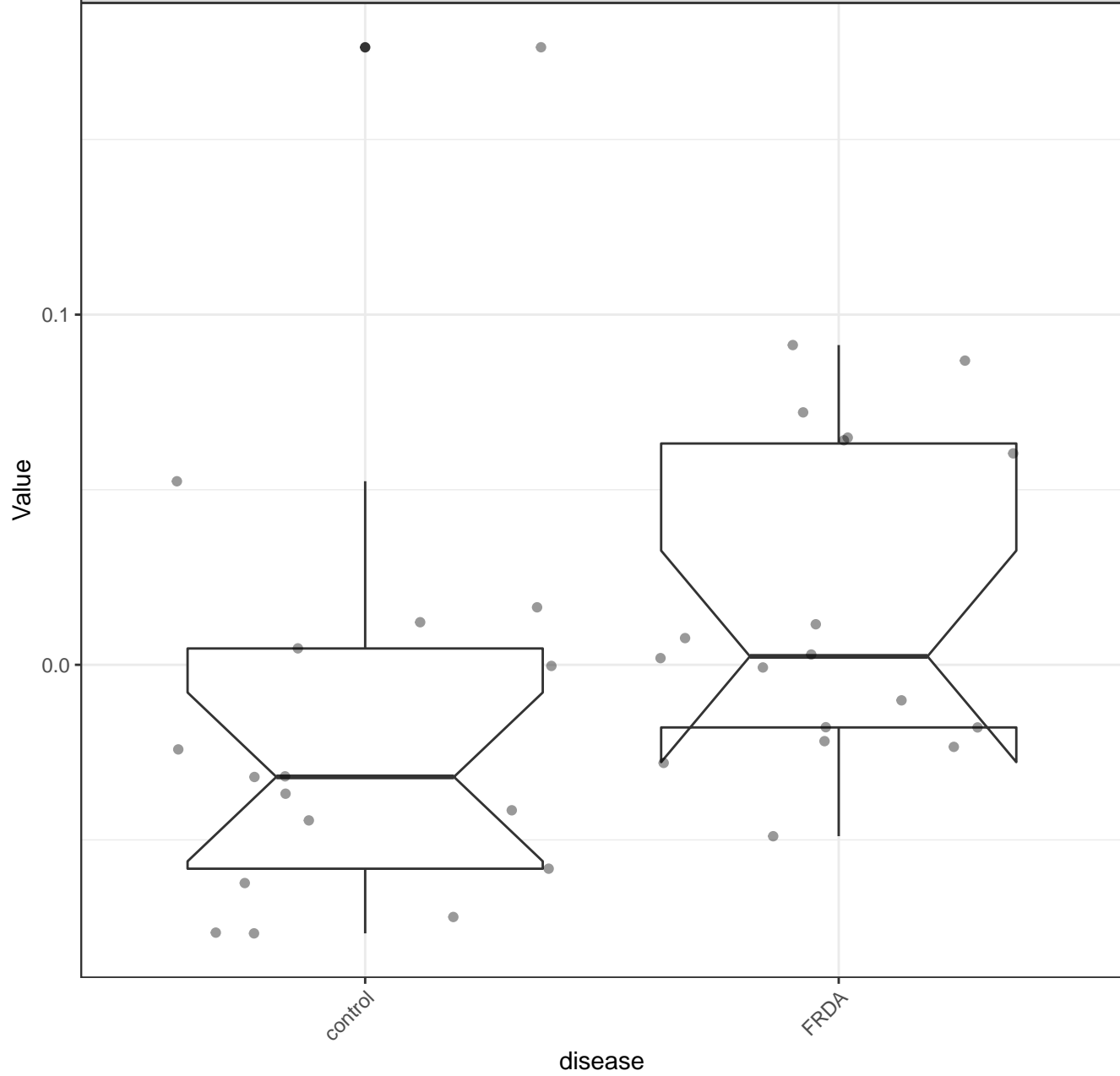
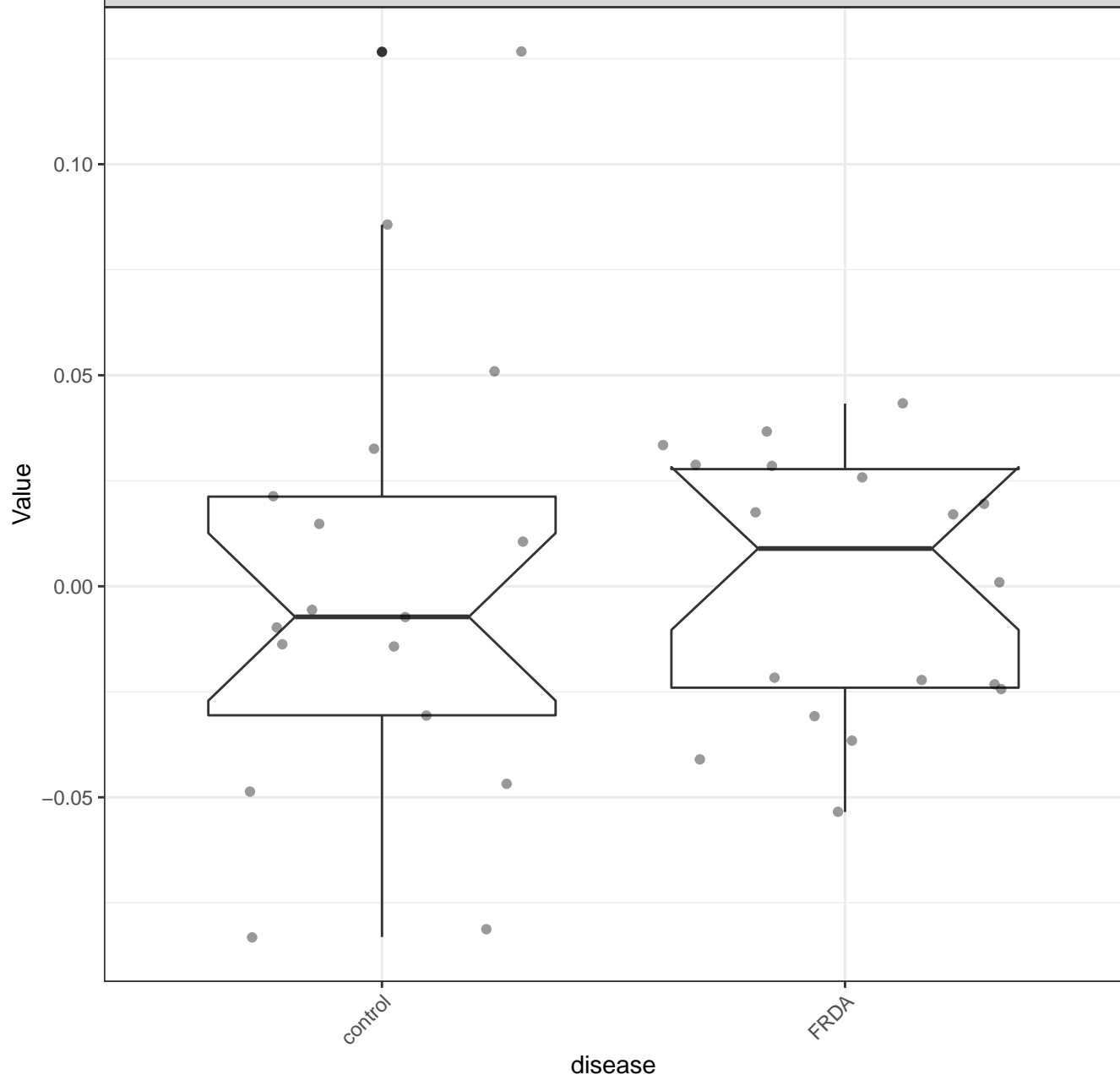


2,REACTOME\_CELL\_CYCLE





Value

0.05

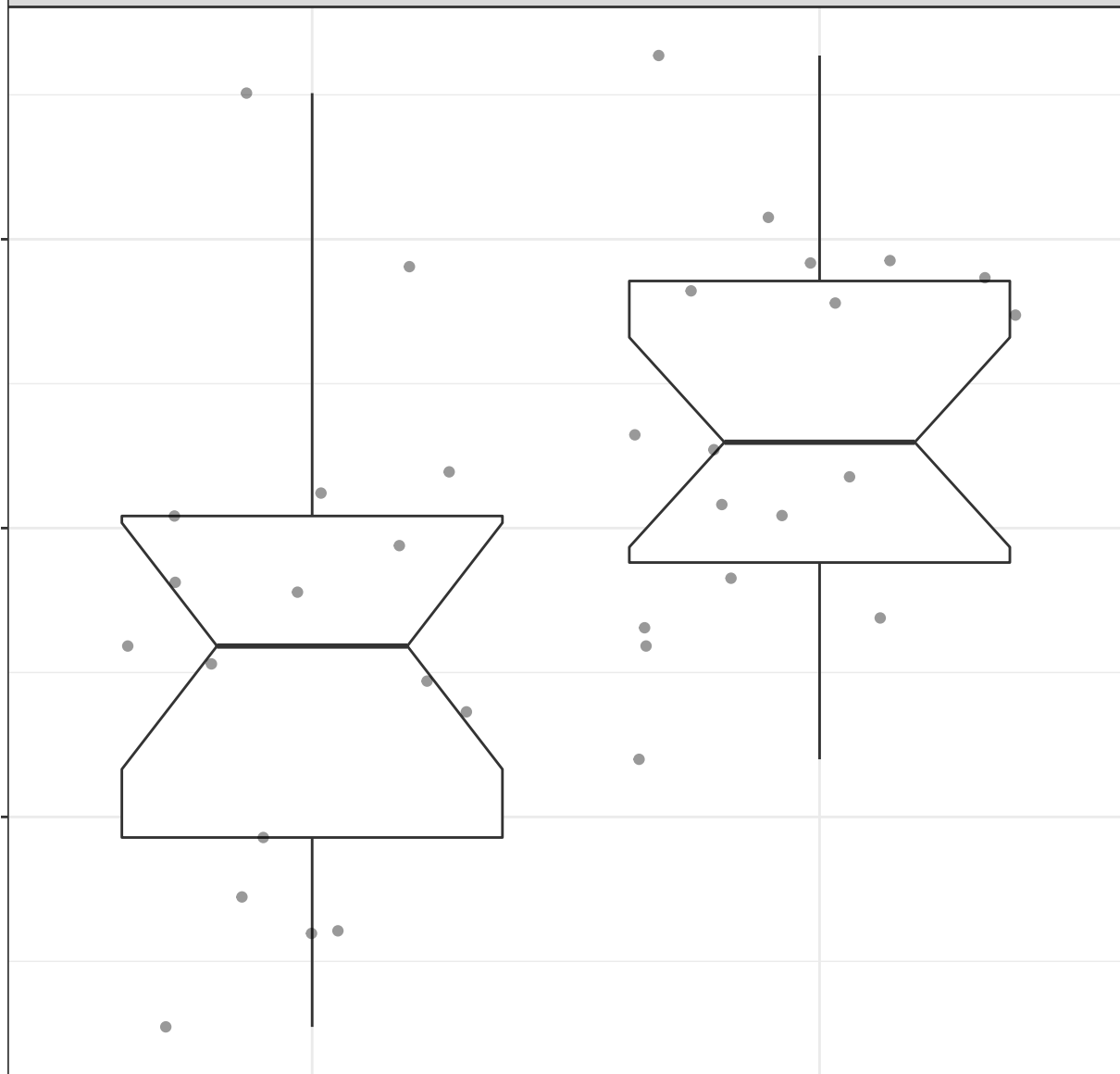
0.00

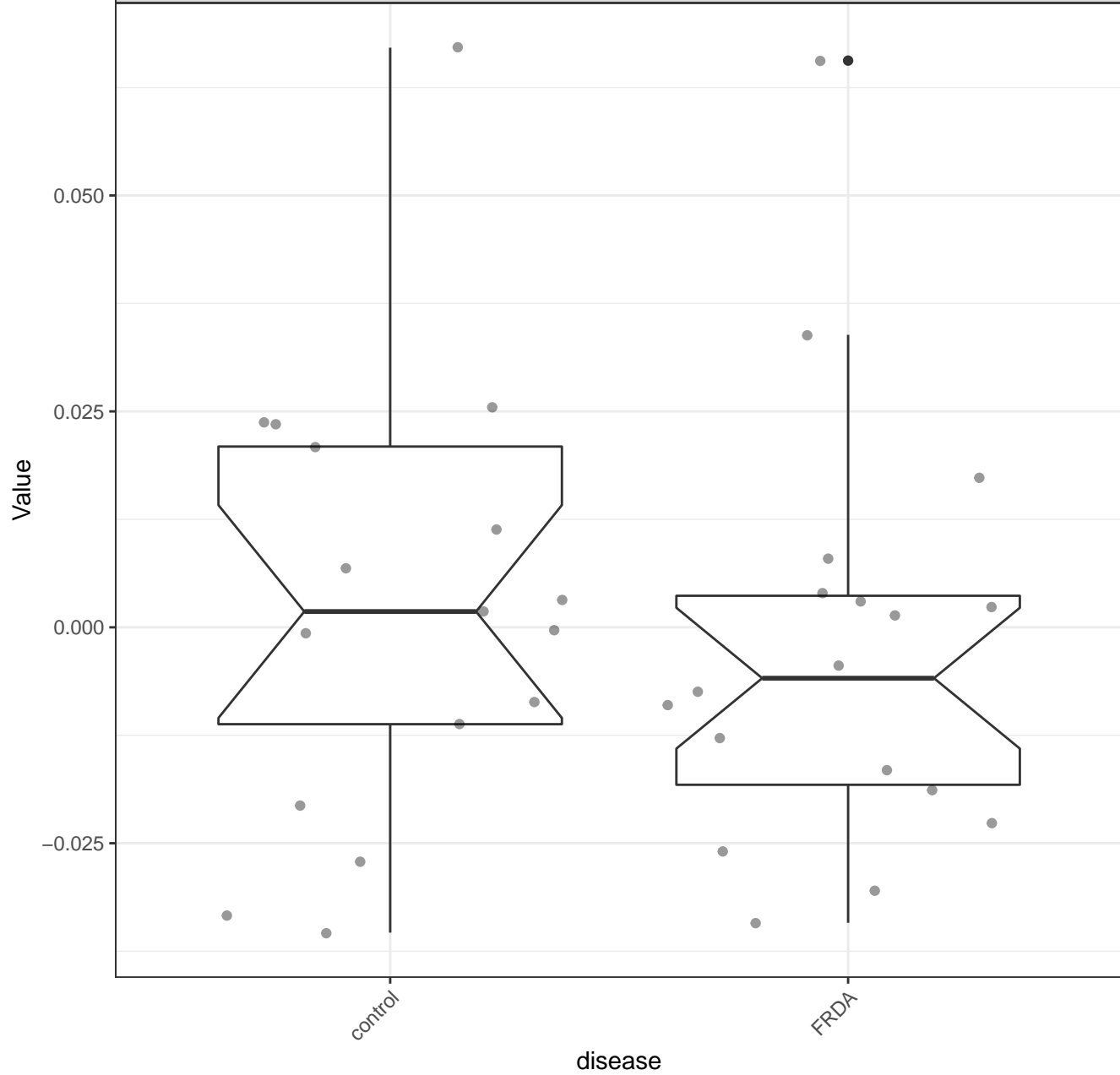
-0.05

control

FRDA

disease







Value

0.1

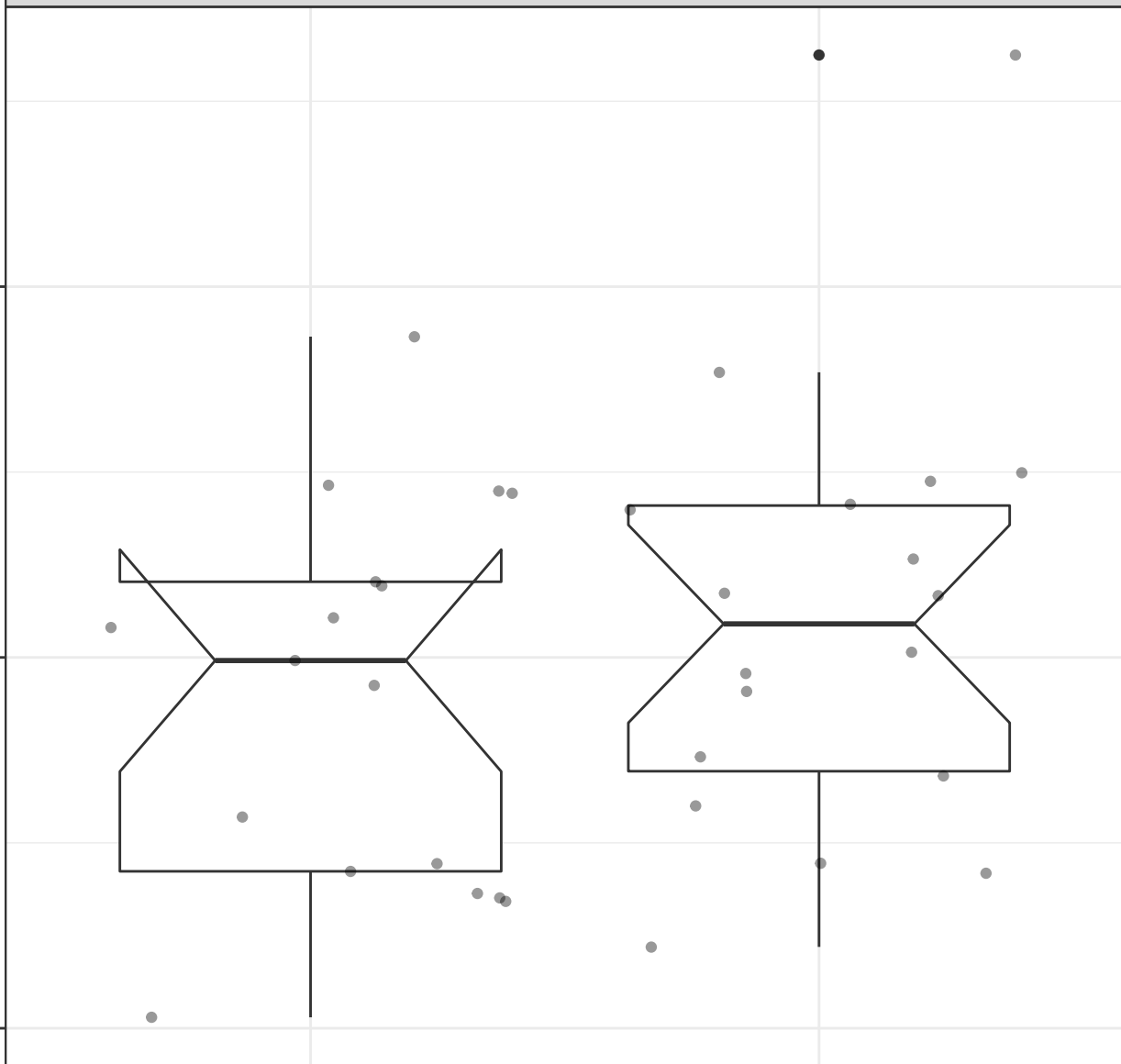
0.0

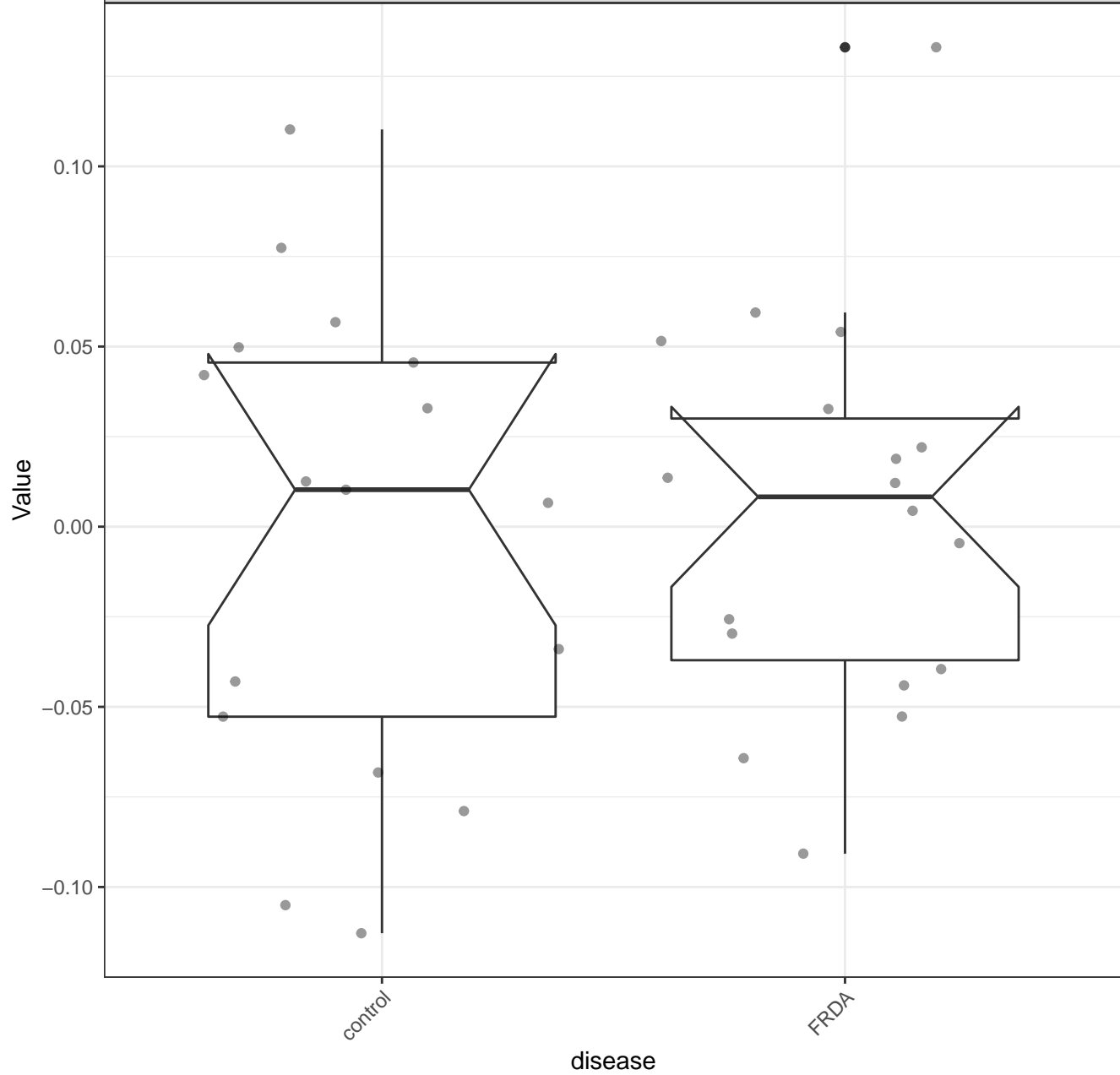
-0.1

control

disease

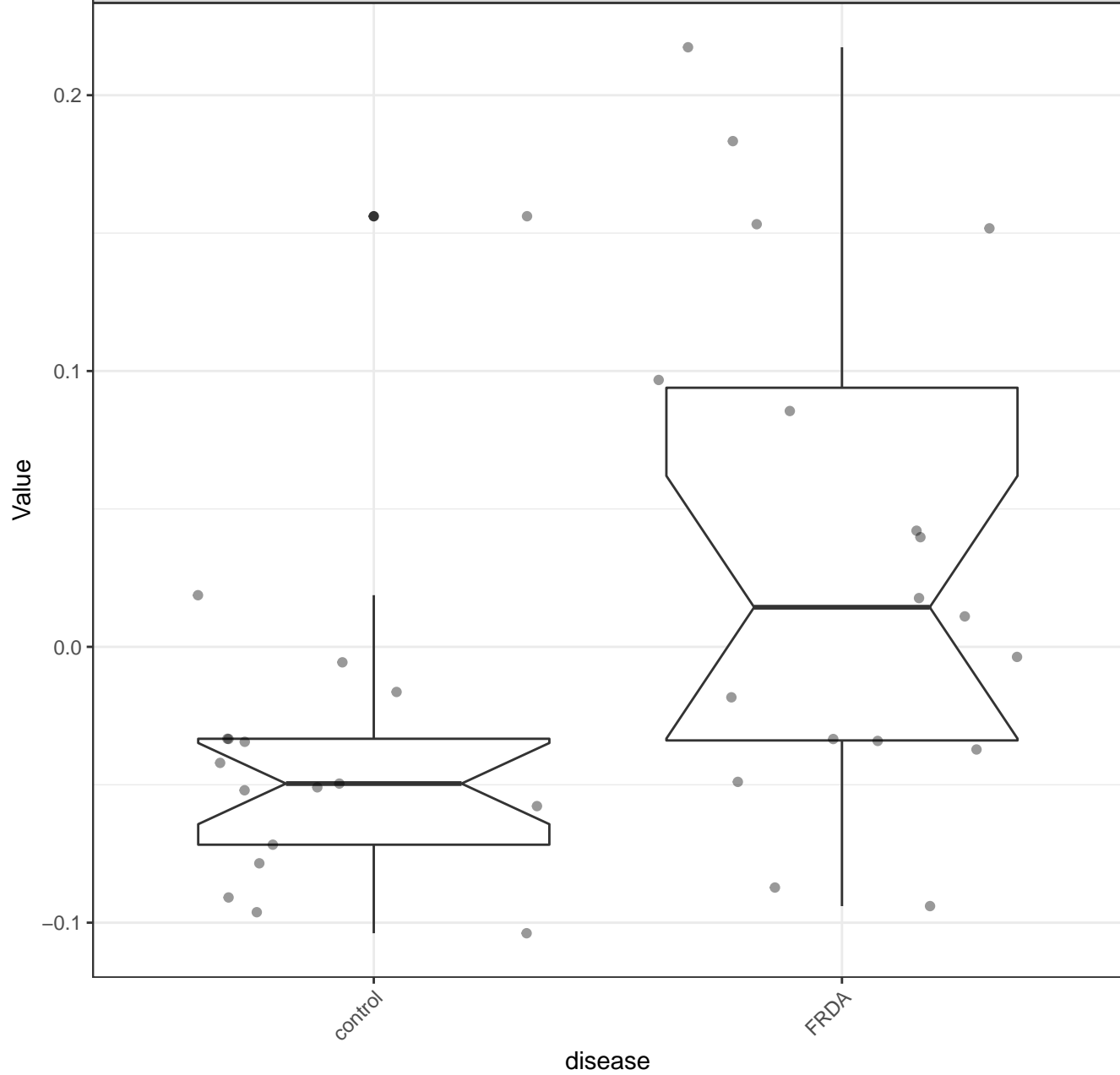
FRDA

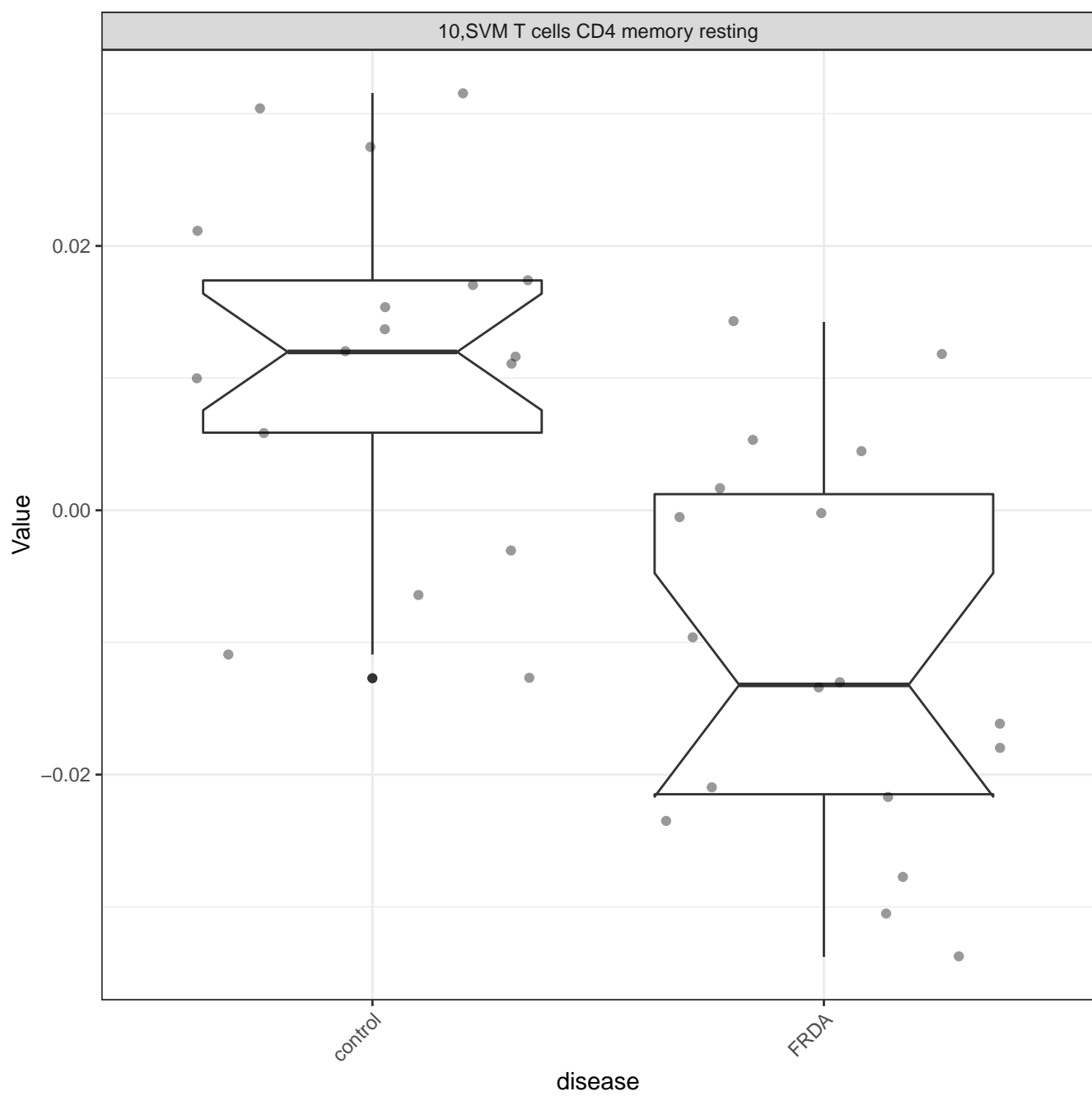


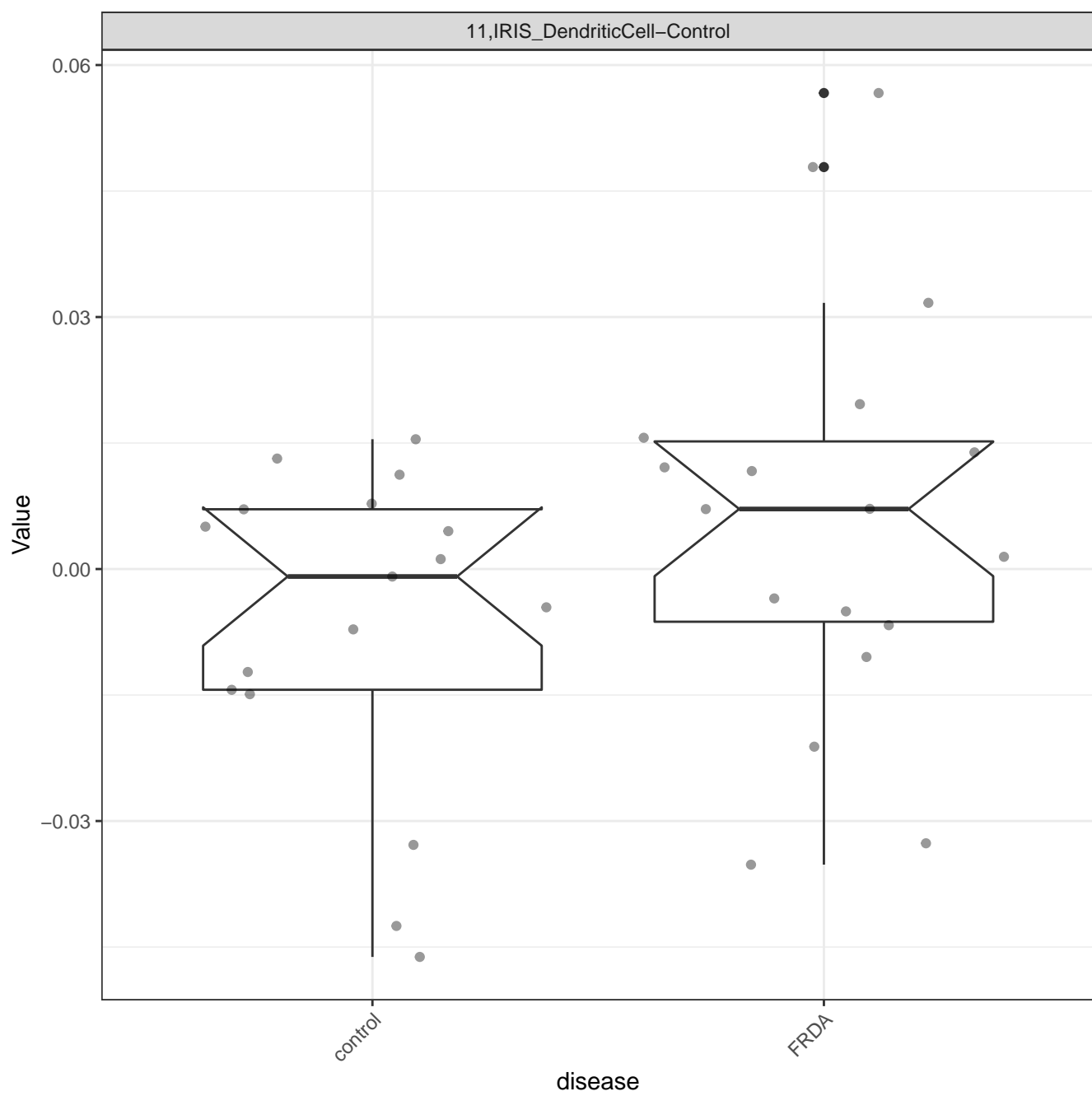


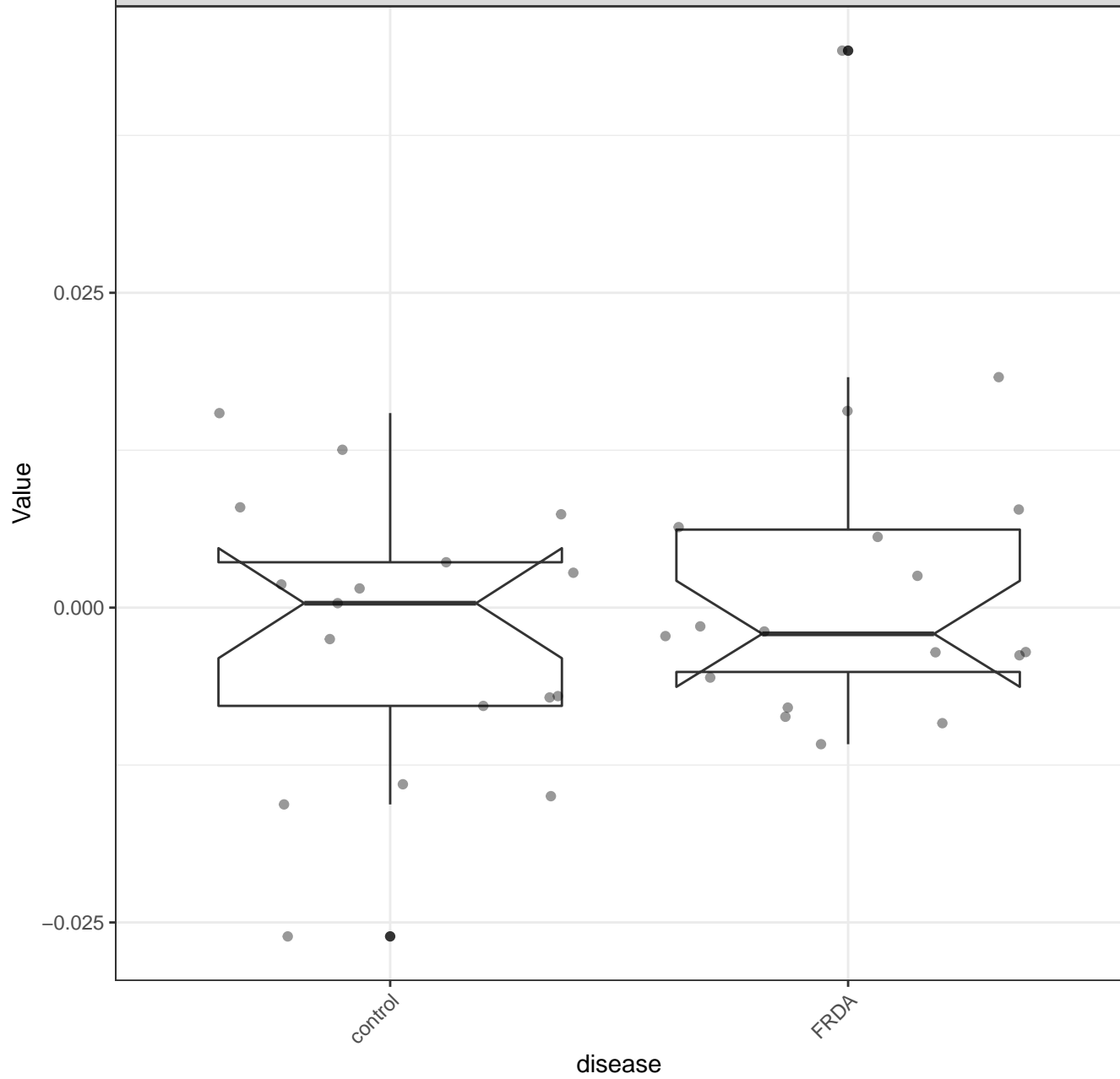


9,MIPS_NOP56P_ASSOCIATED_PRE_RRNA_COMPLEX
---









Value

0.3

0.2

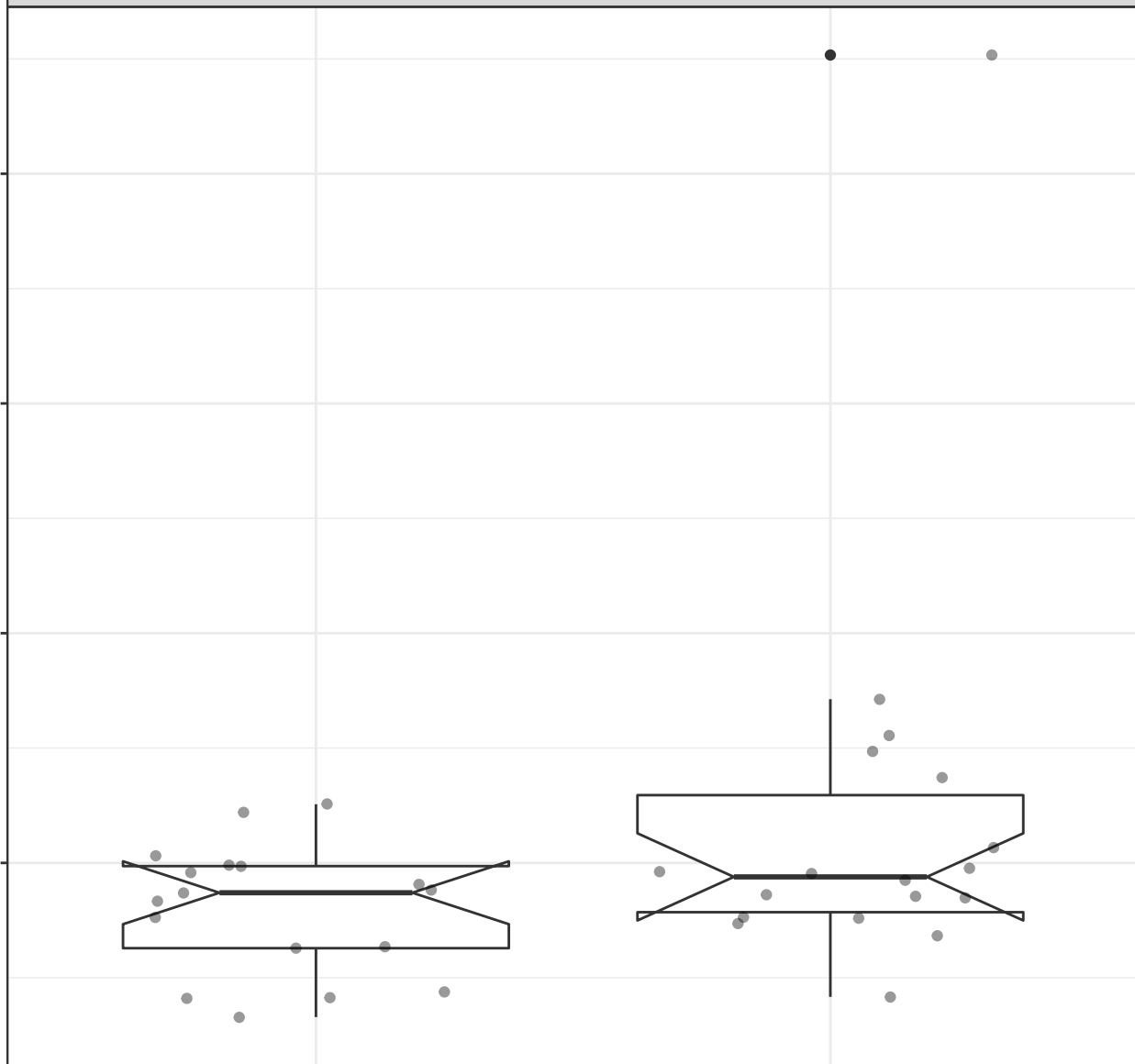
0.1

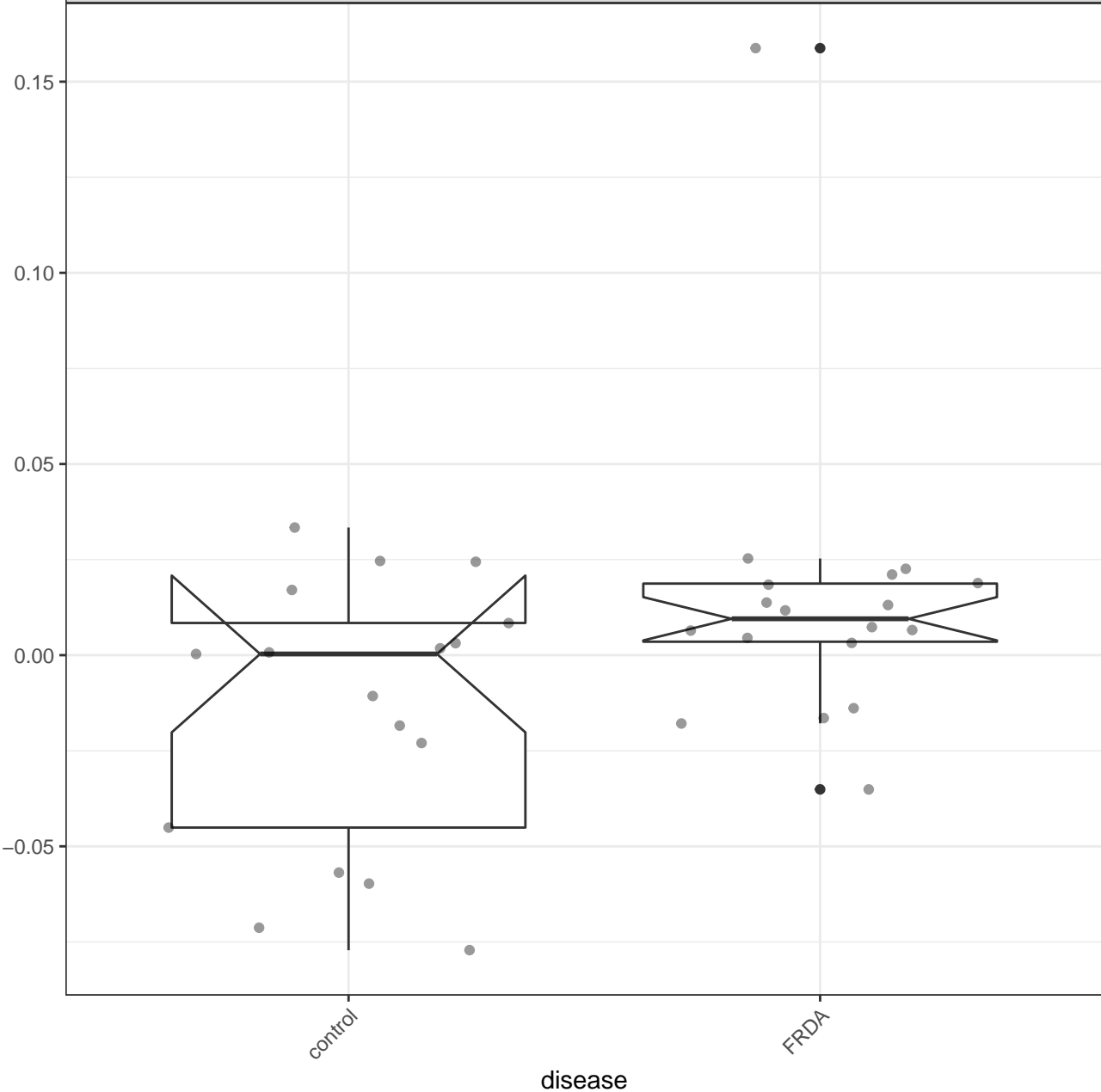
0.0

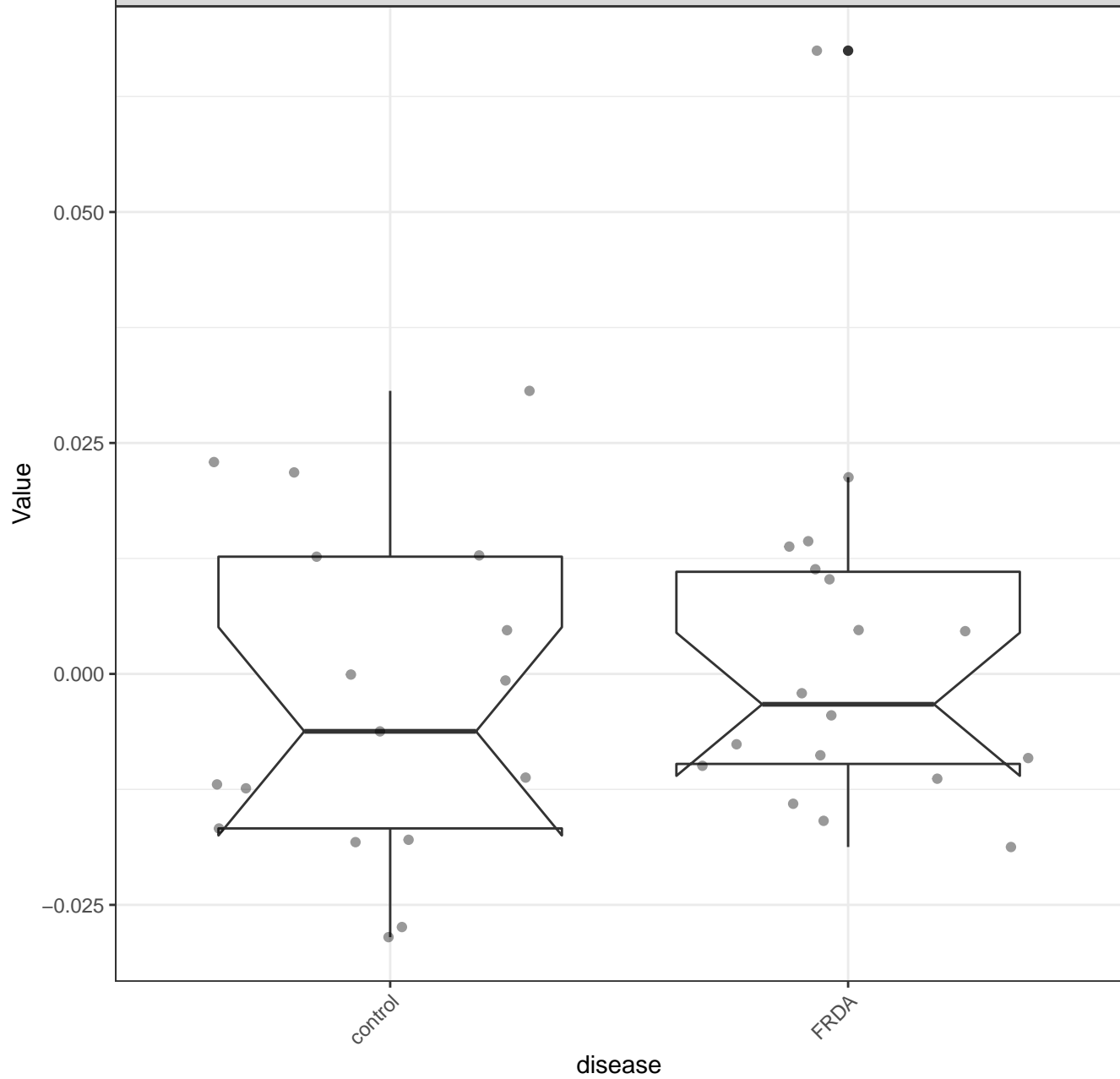
control

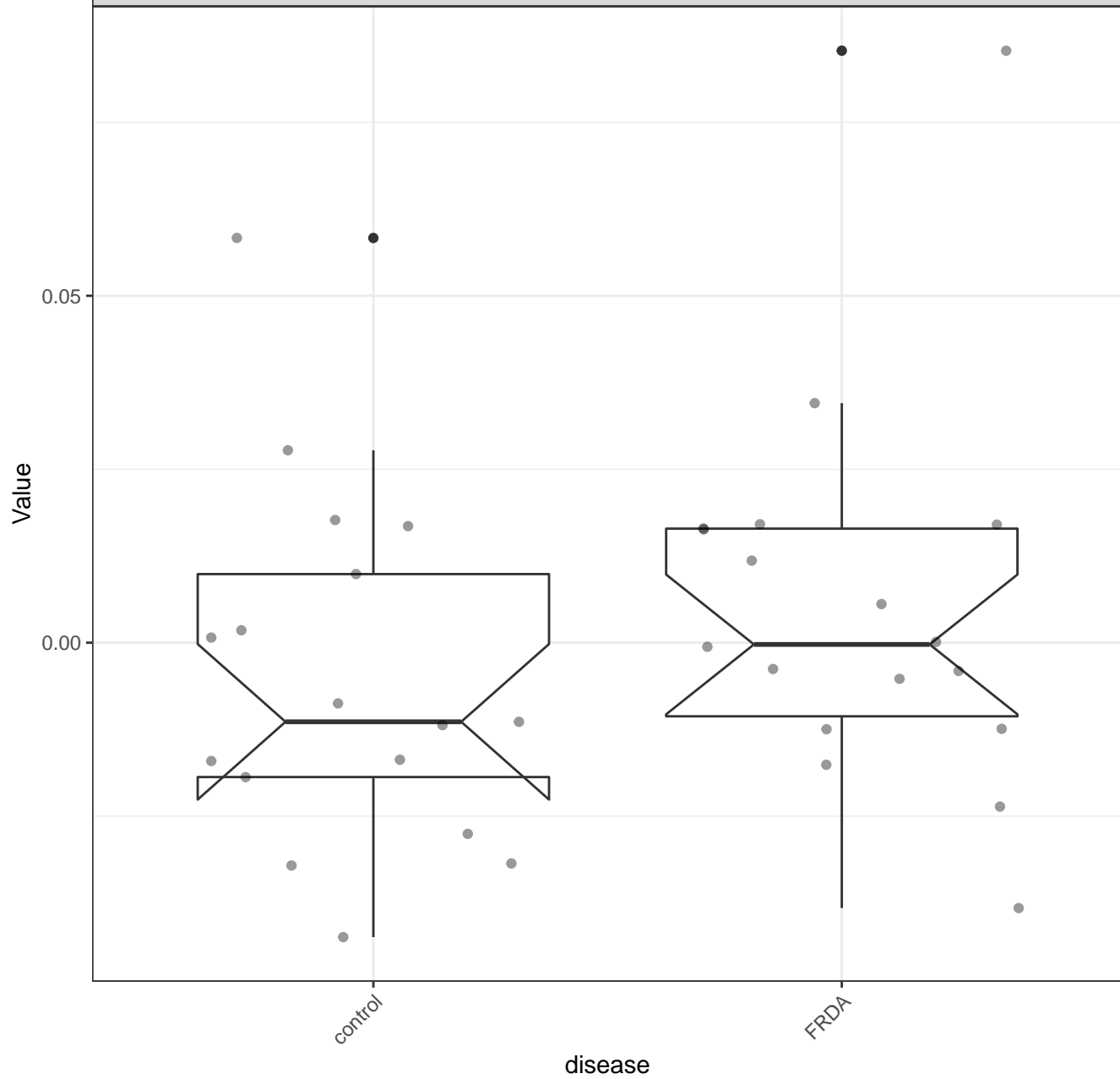
FRDA

disease

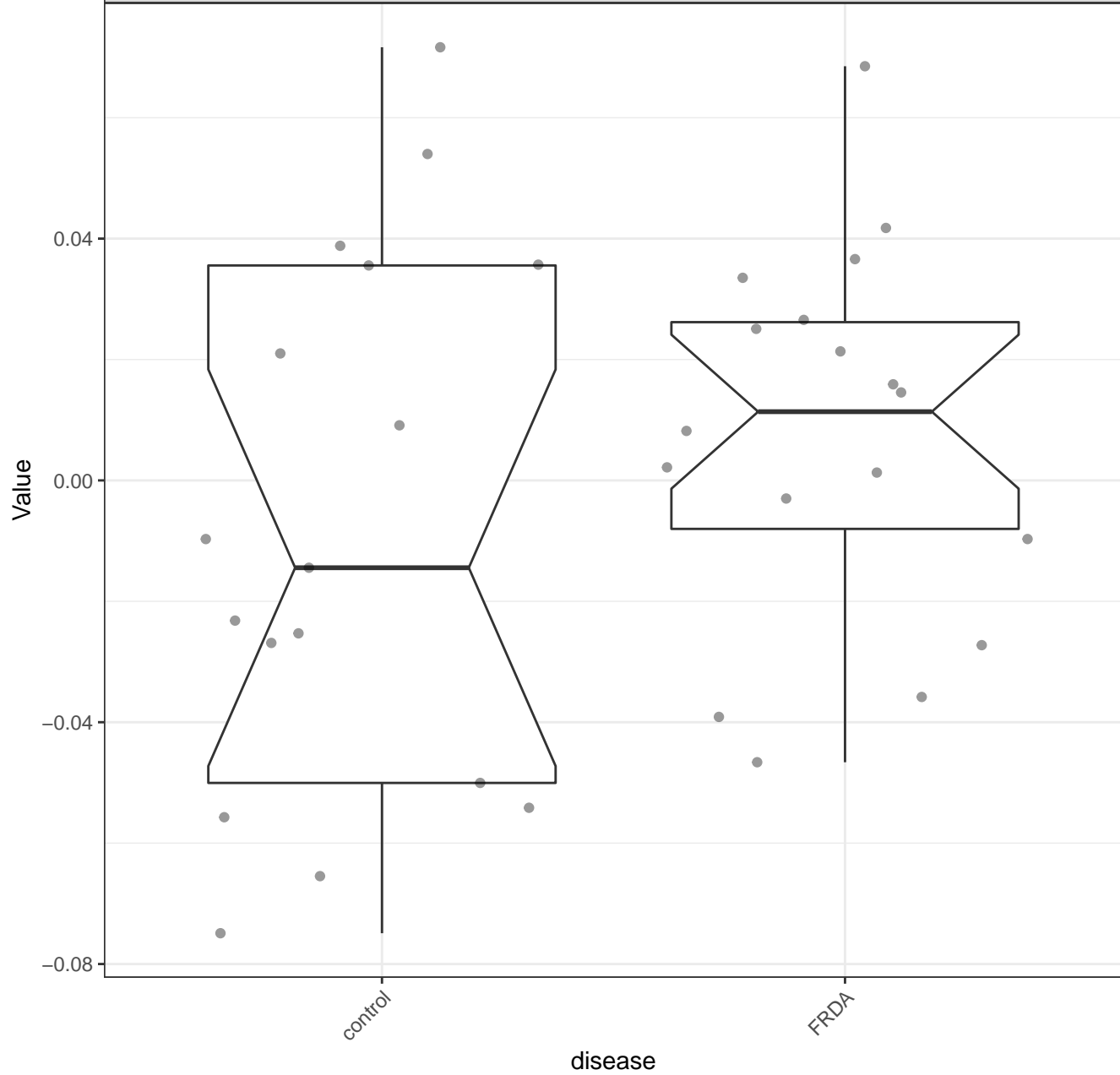












Value

0.05

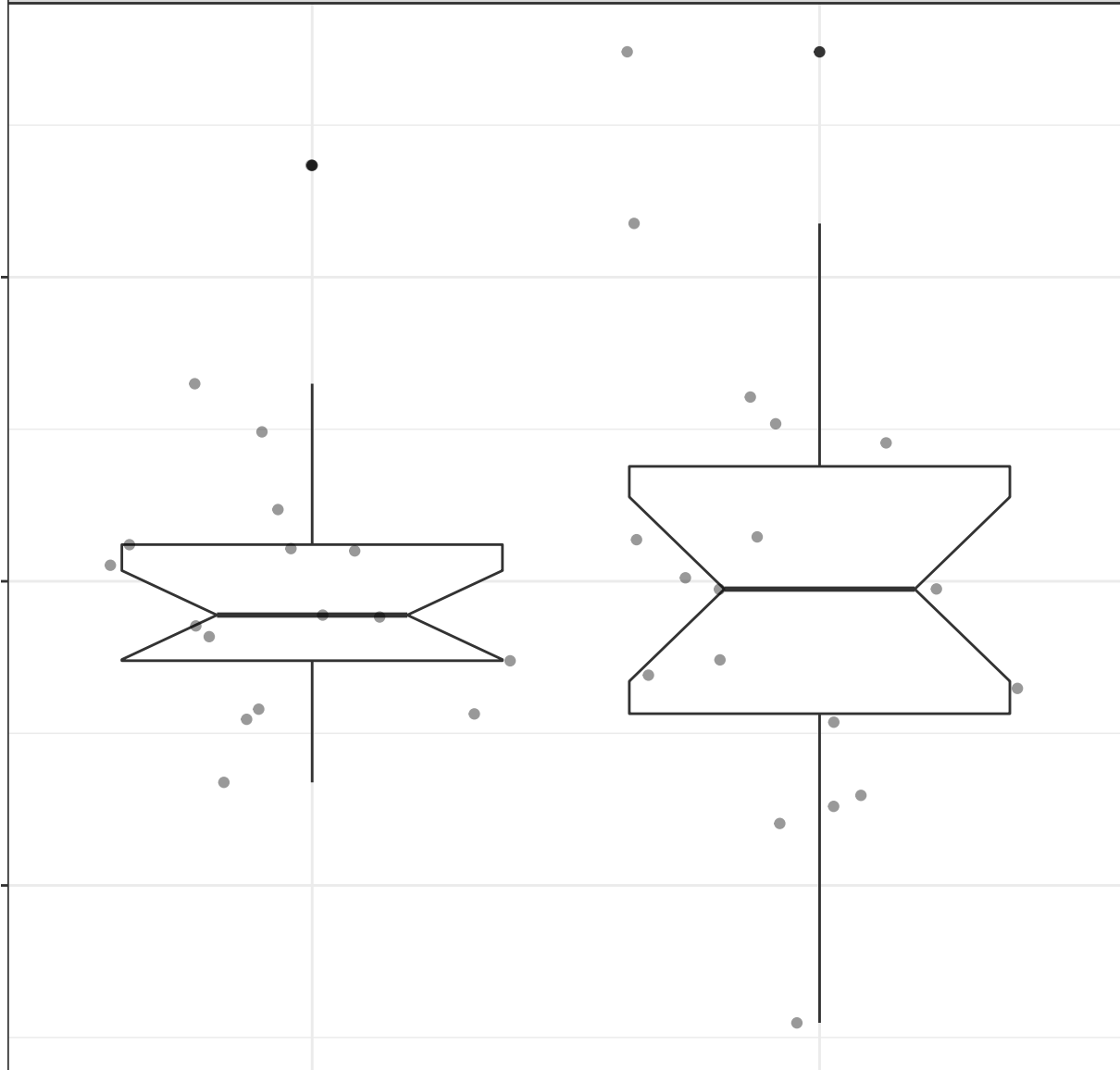
0.00

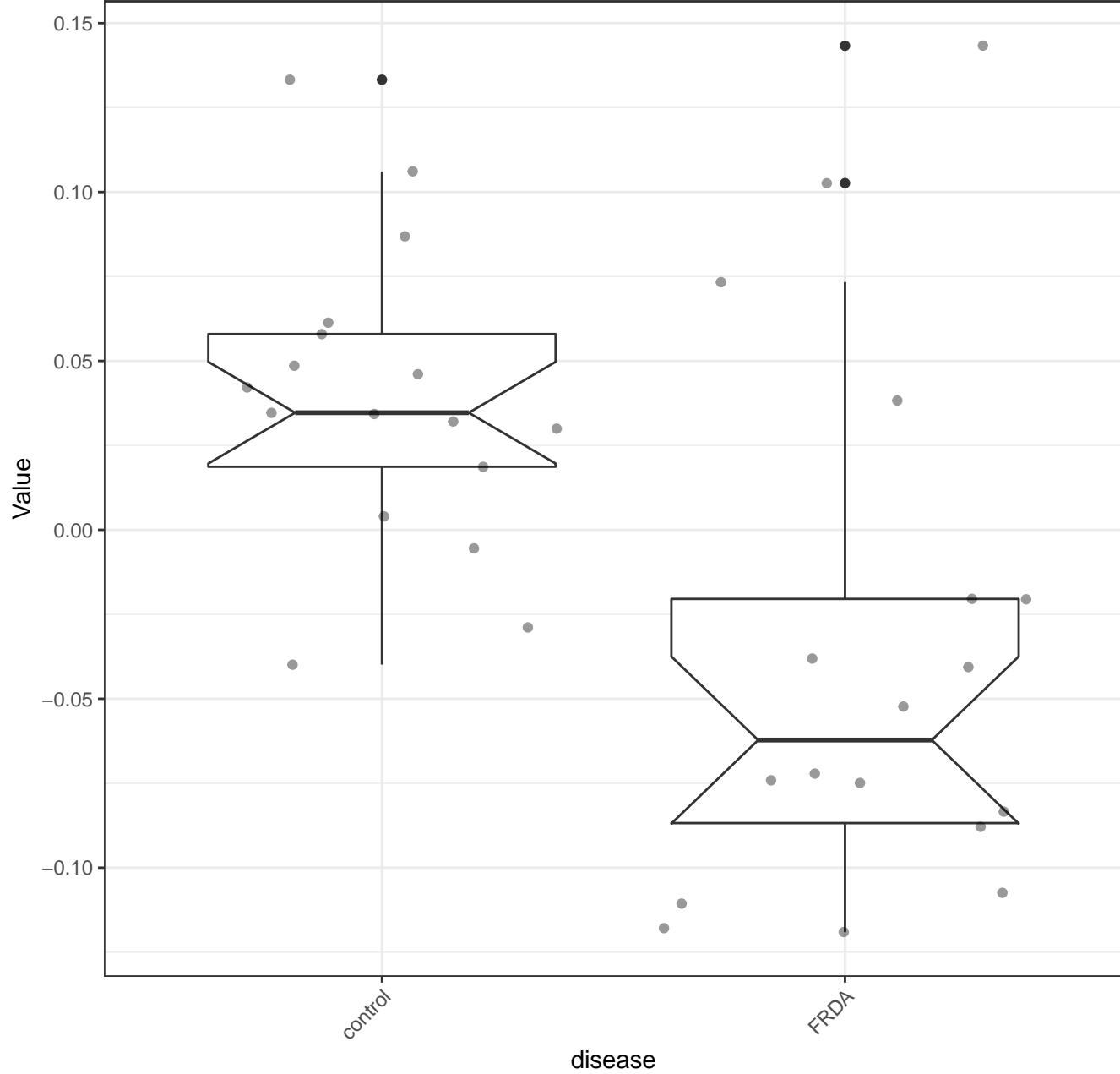
-0.05

control

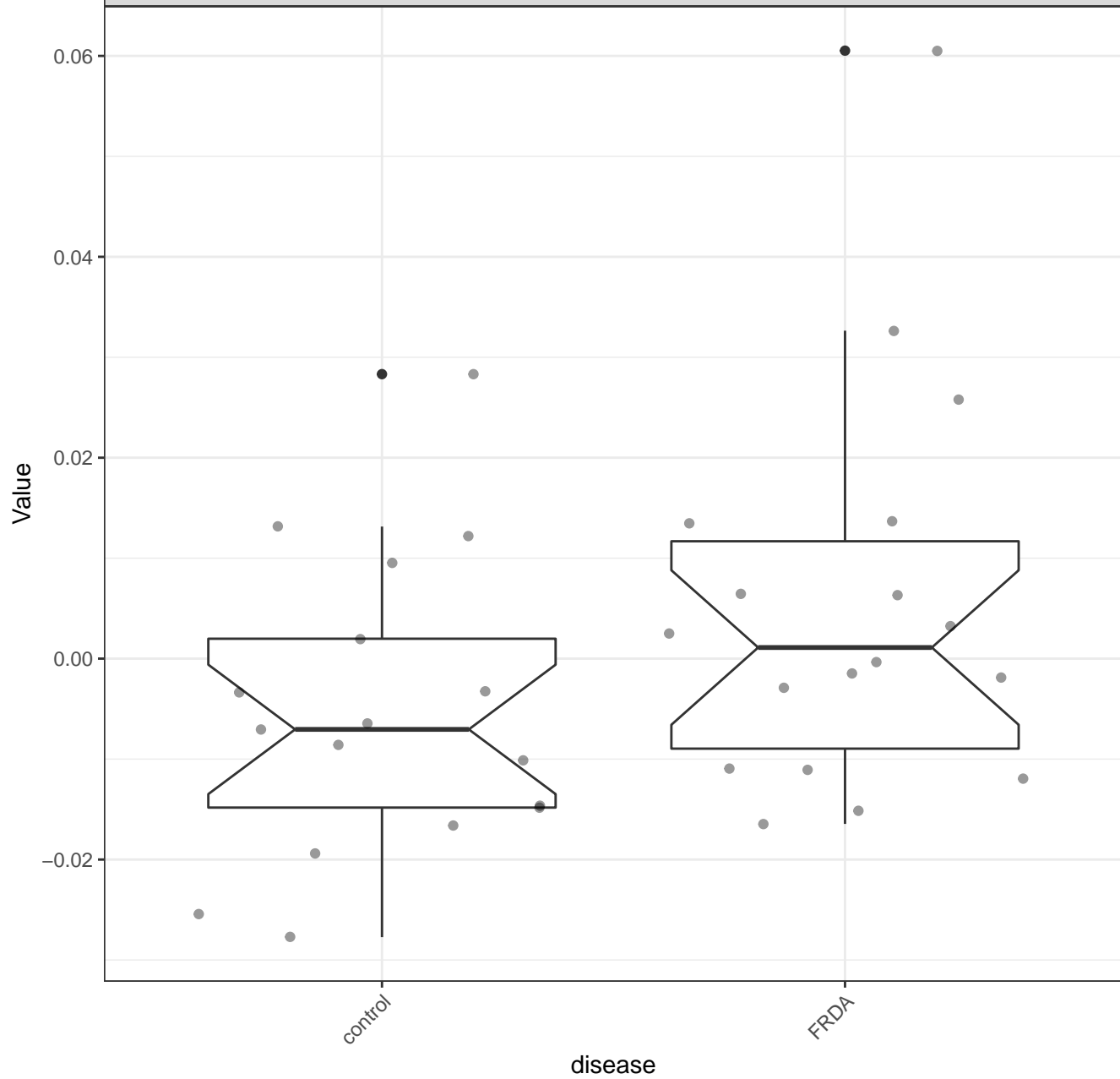
disease

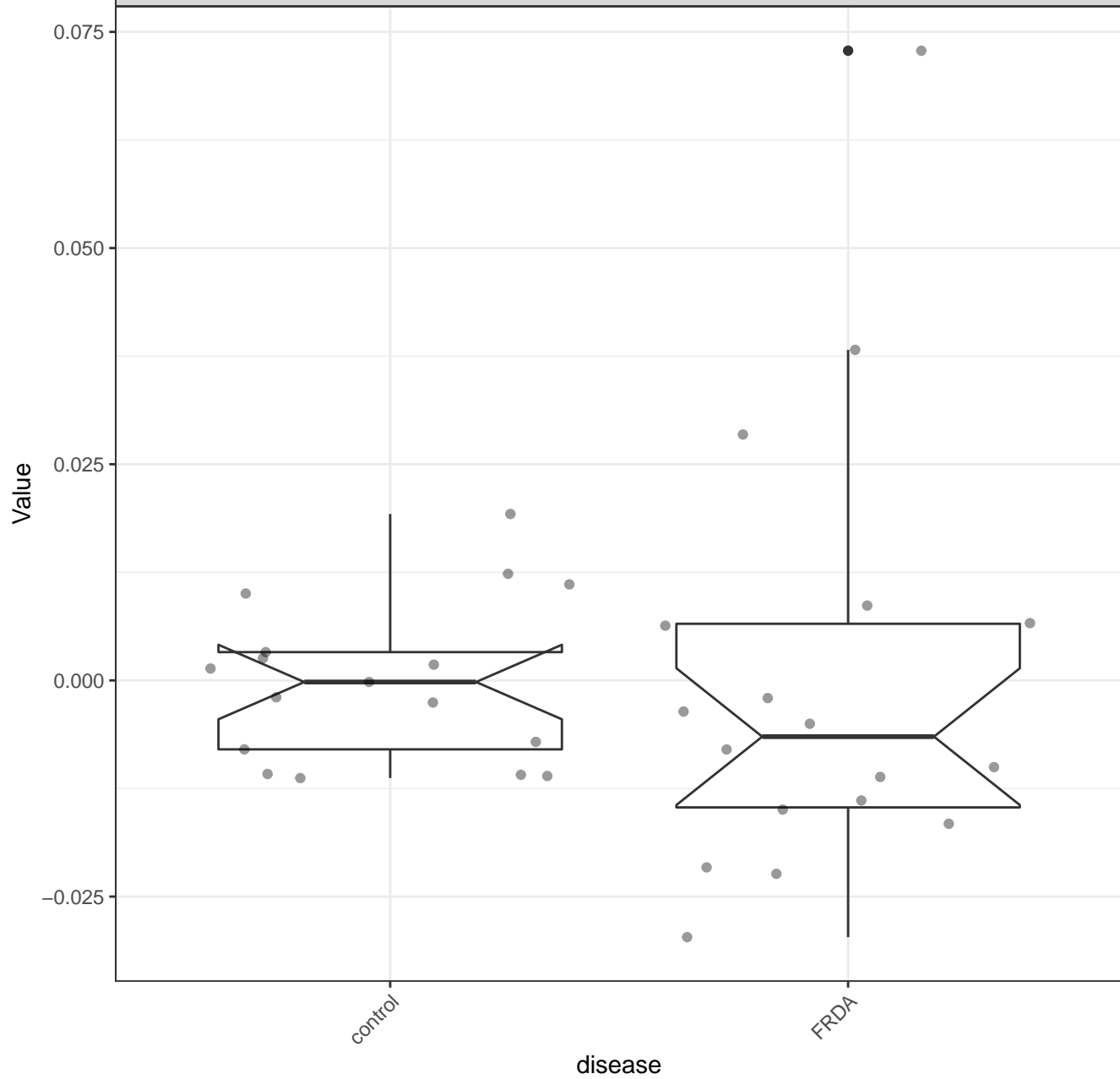
FRDA





20,KEGG\_INTESTINAL\_IMMUNE\_NETWORK\_FOR\_IGA\_PRODUCTION





Value

0.2

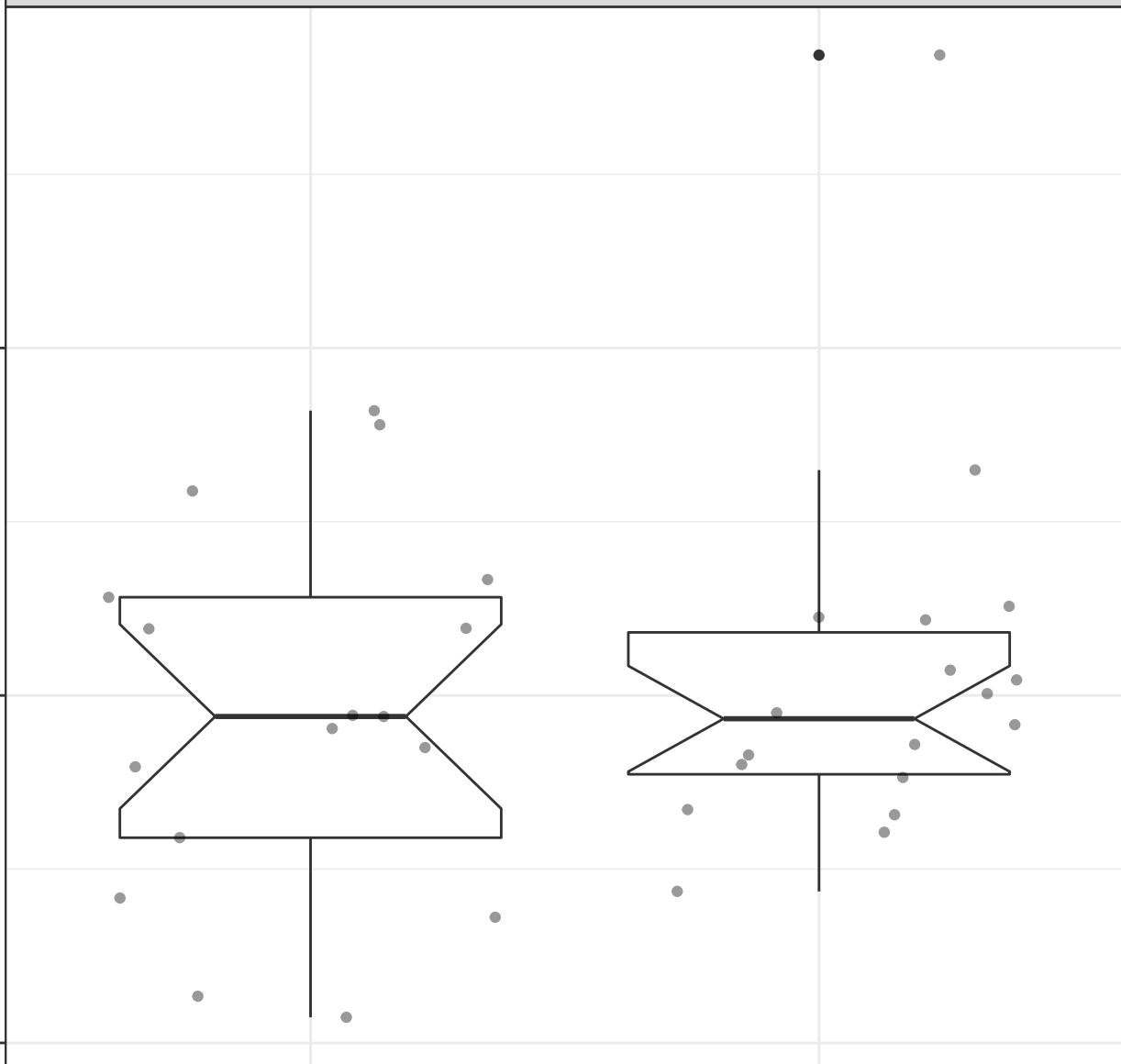
0.0

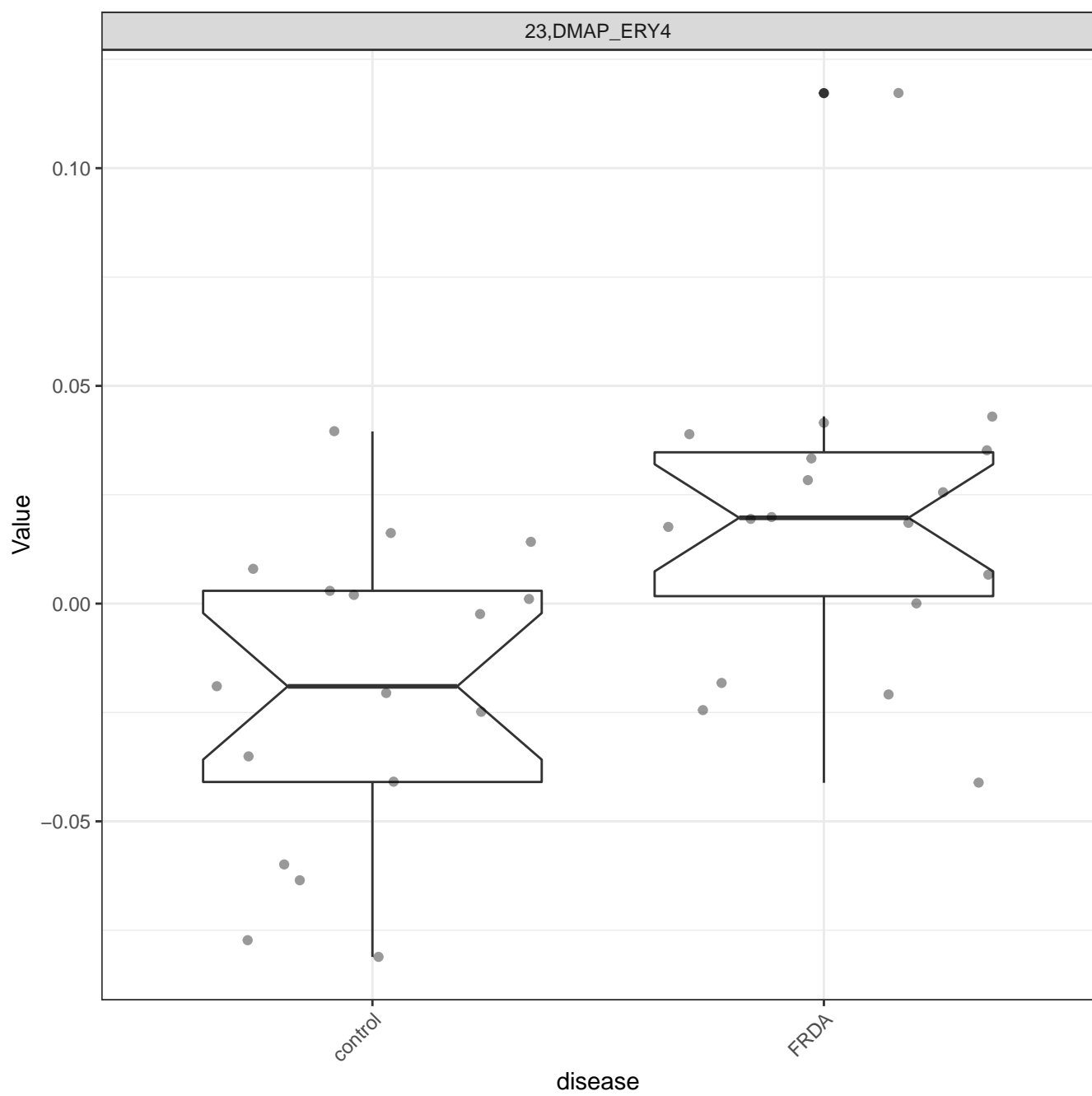
-0.2

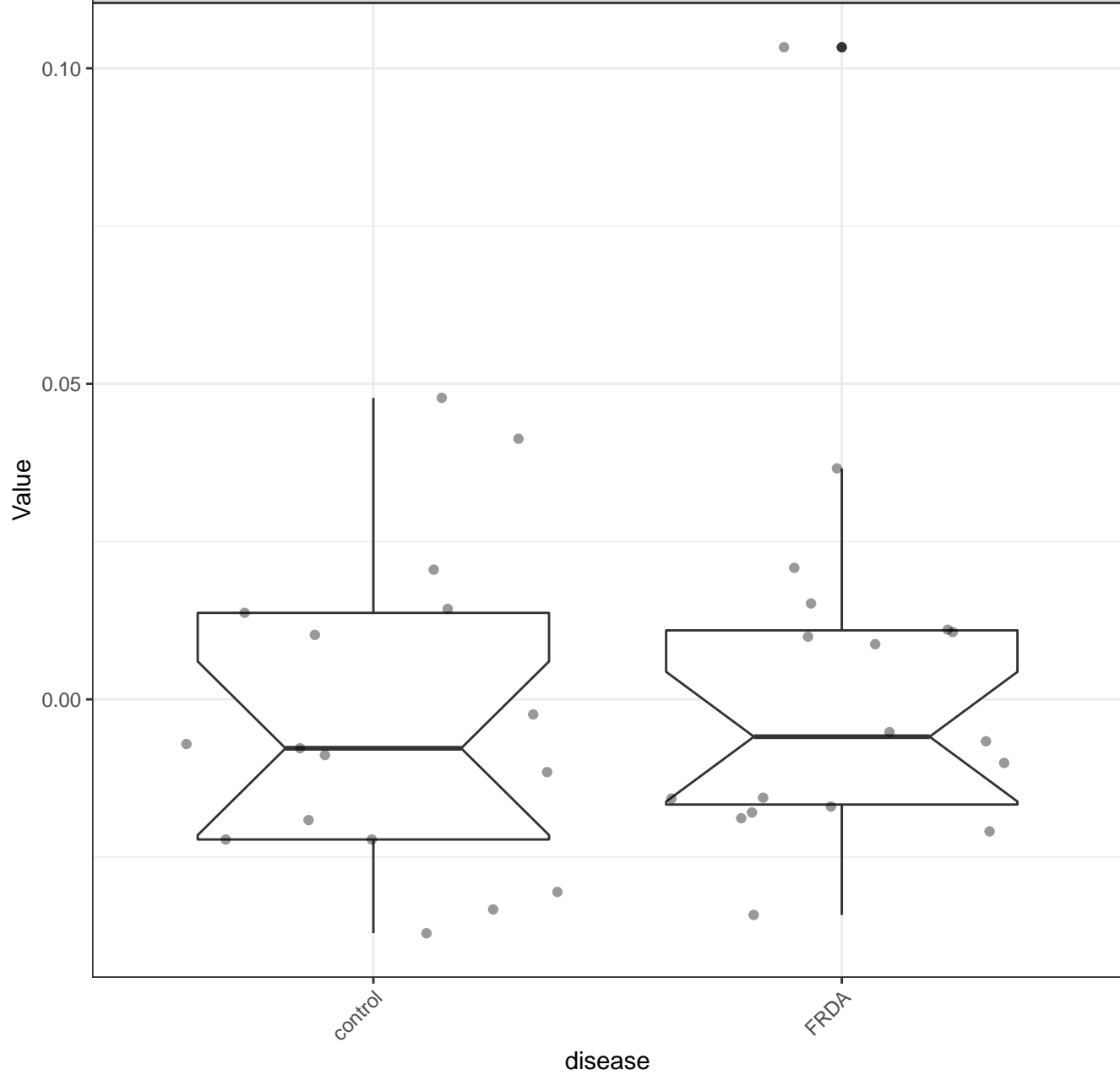
control

FRDA

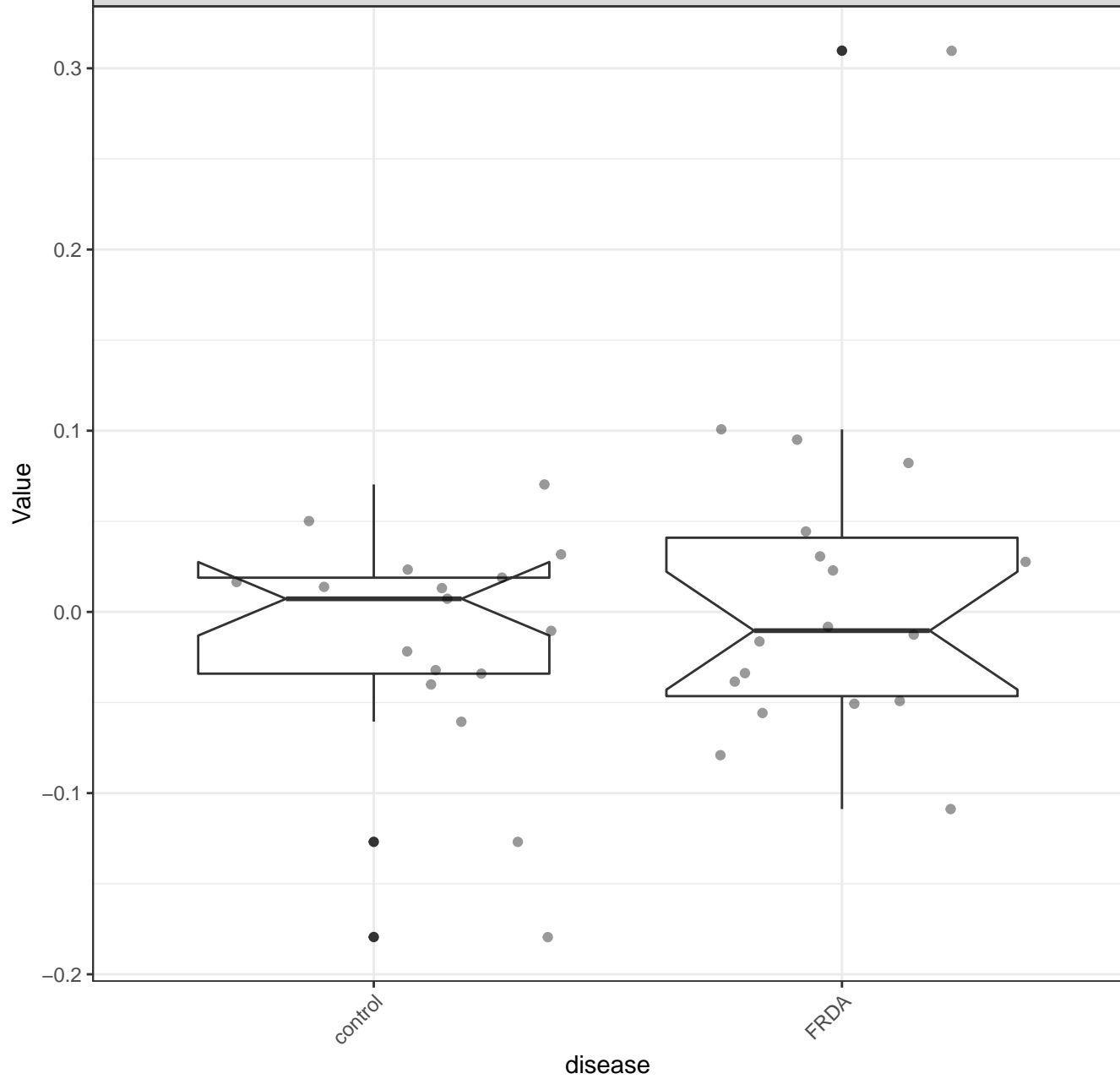
disease











Value

0.05

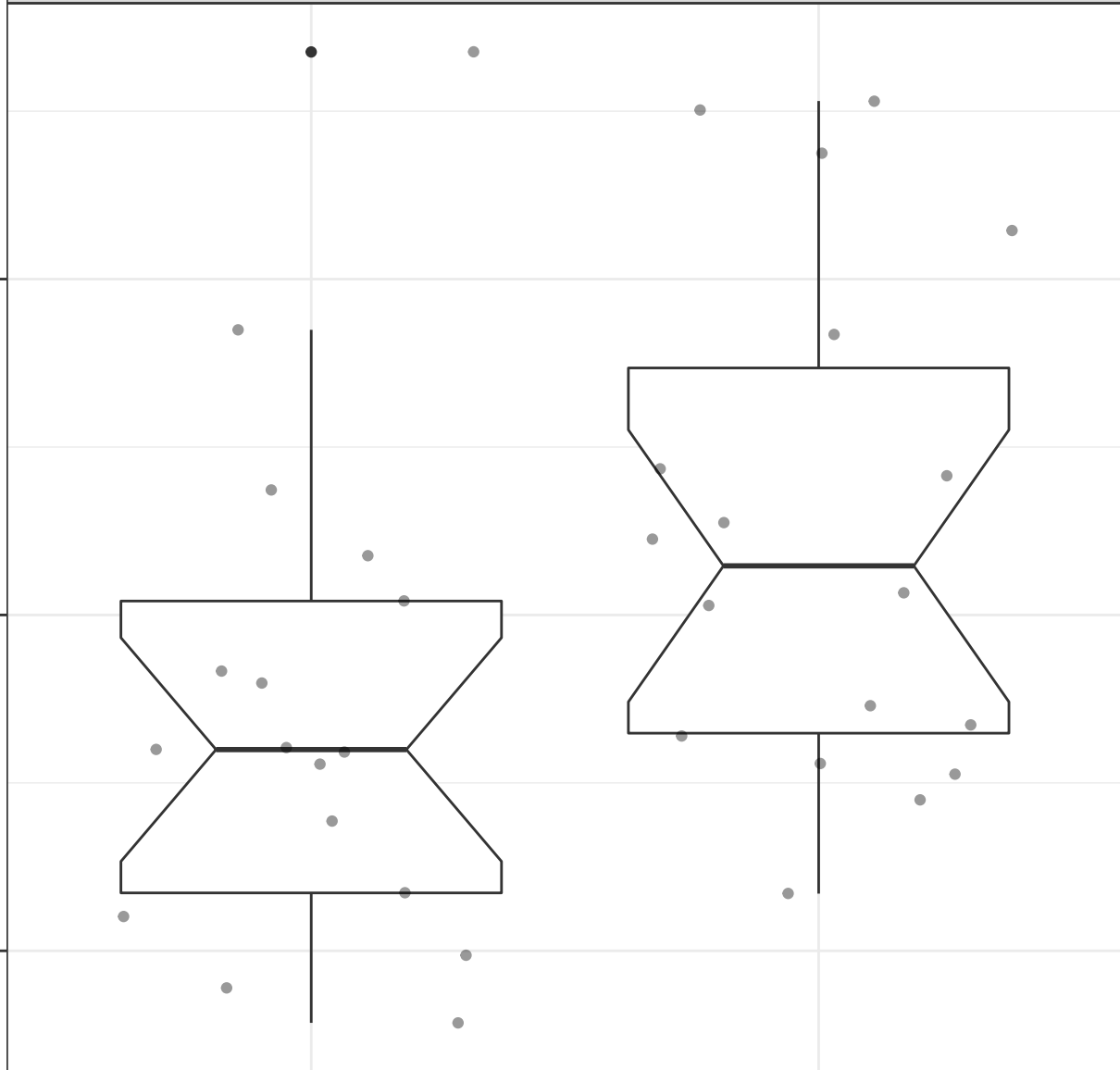
0.00

-0.05

control

disease

FRDA



Value

0.04

0.02

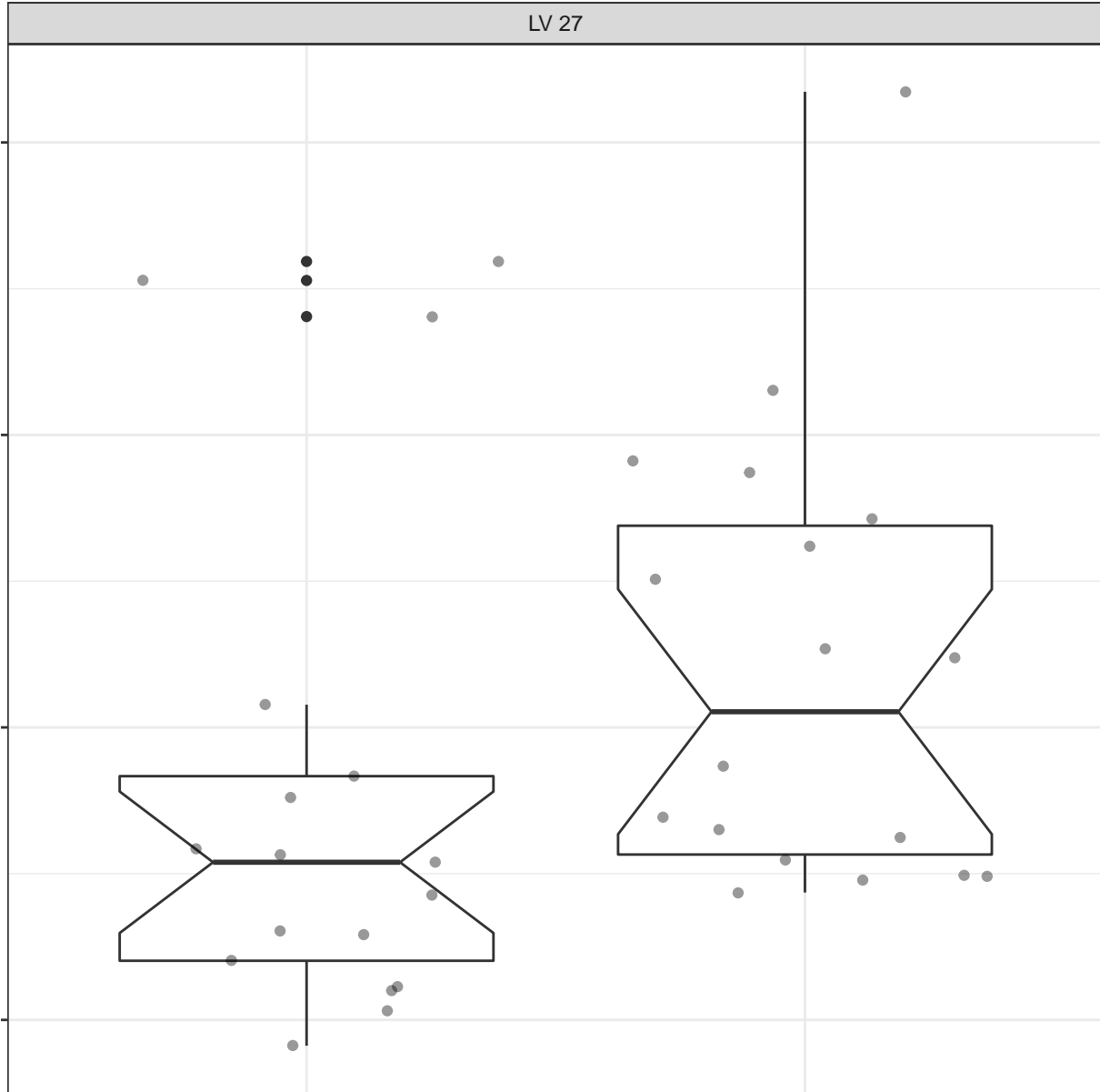
0.00

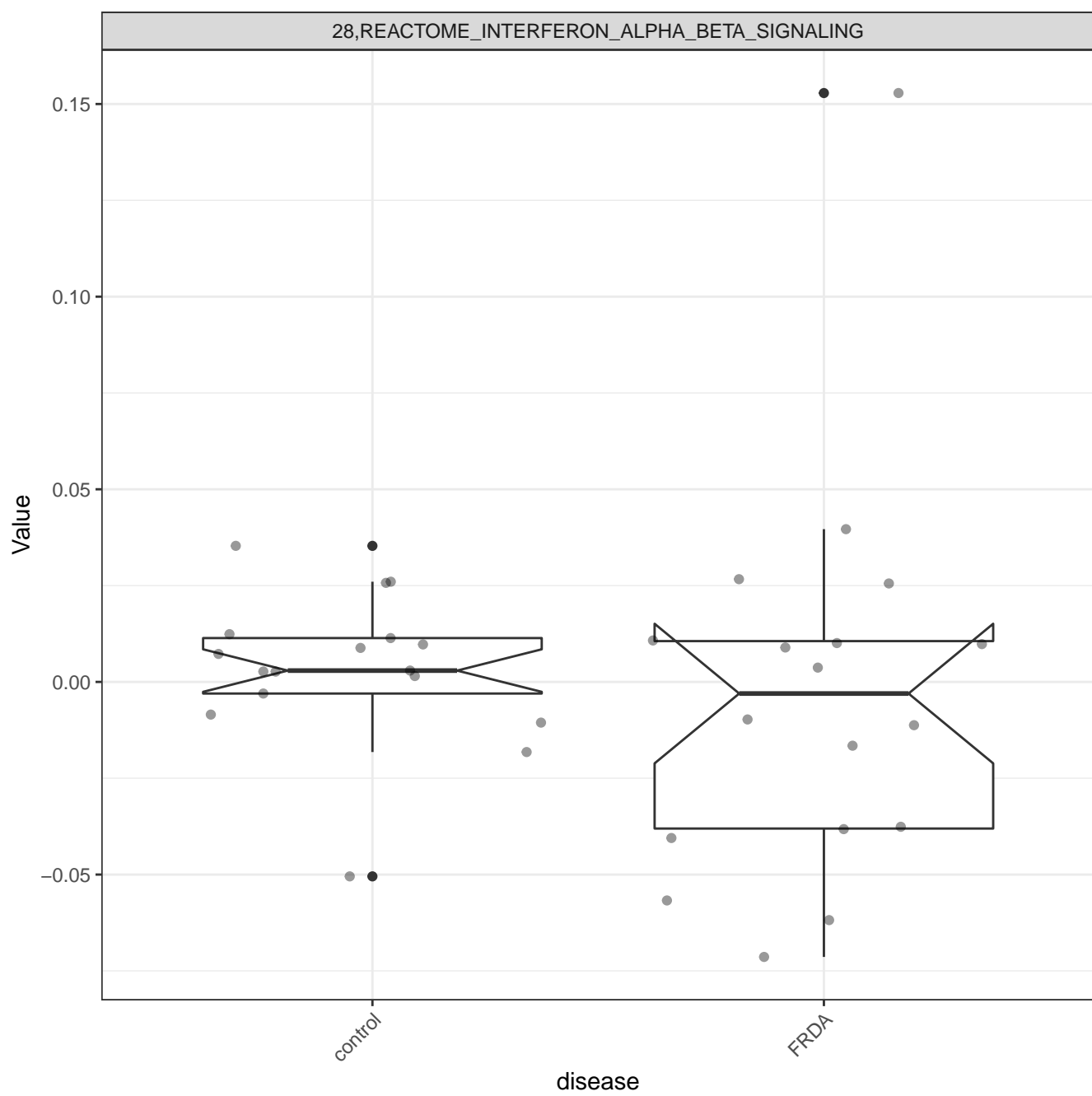
-0.02

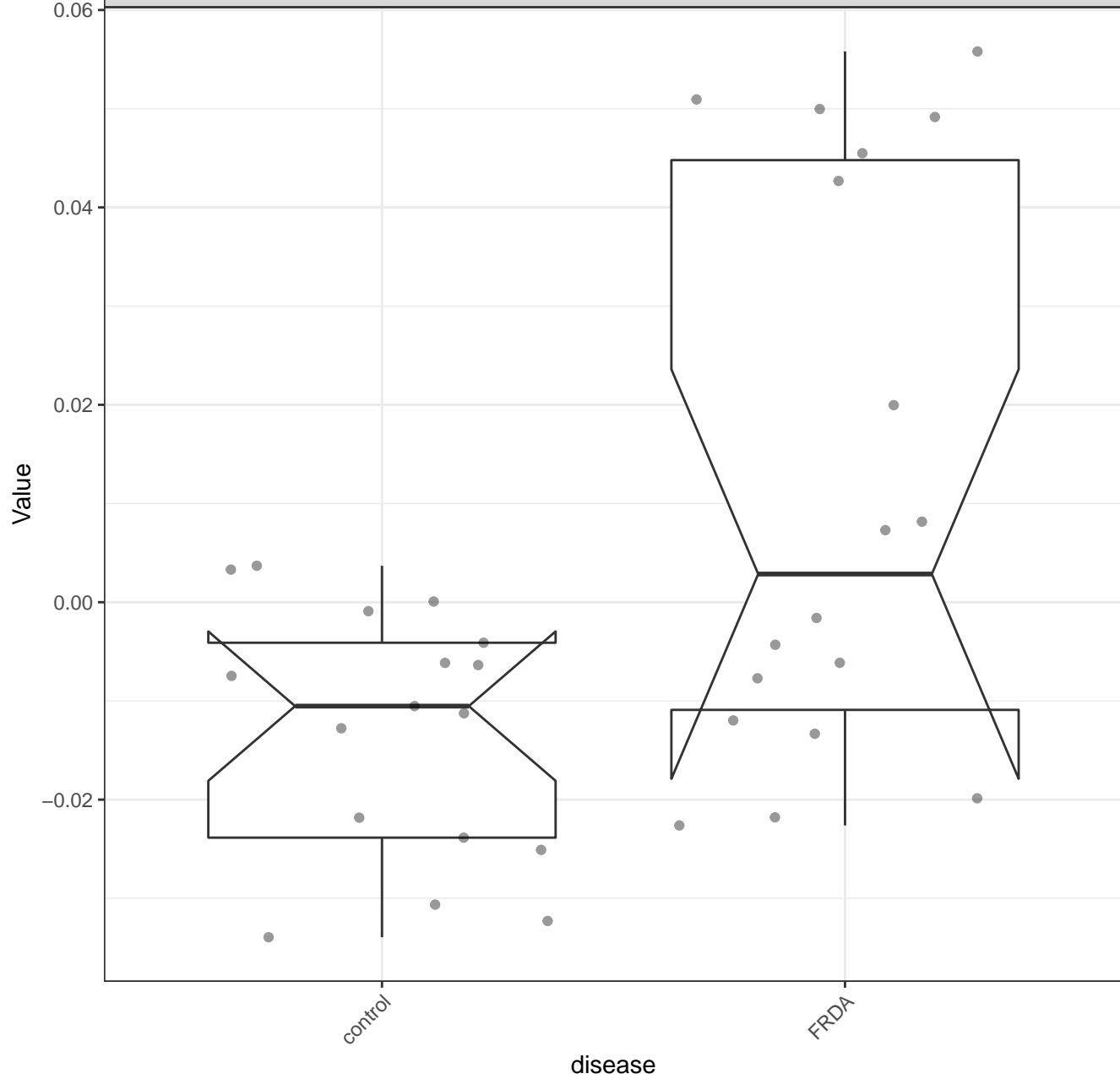
control

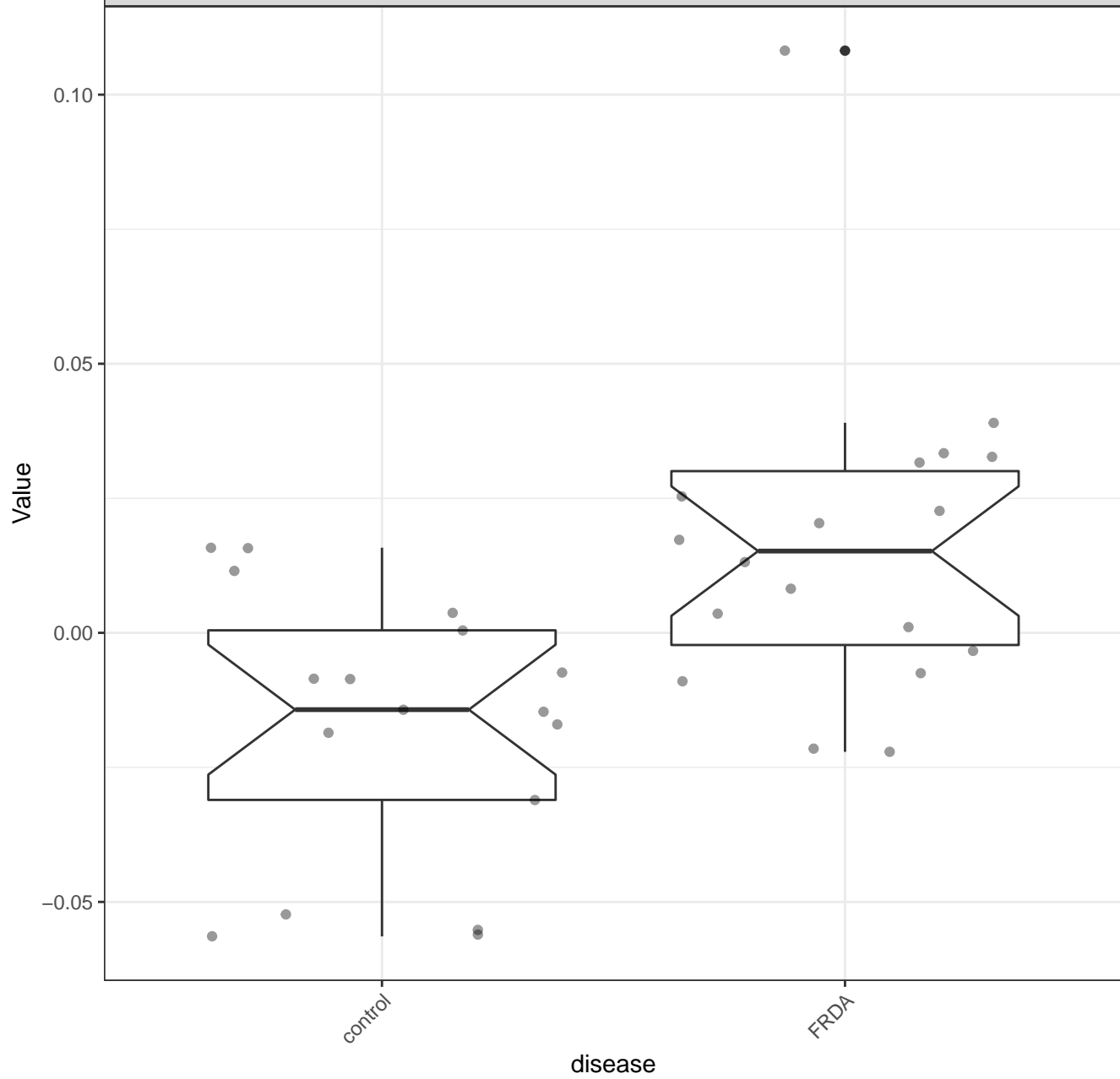
FRDA

disease

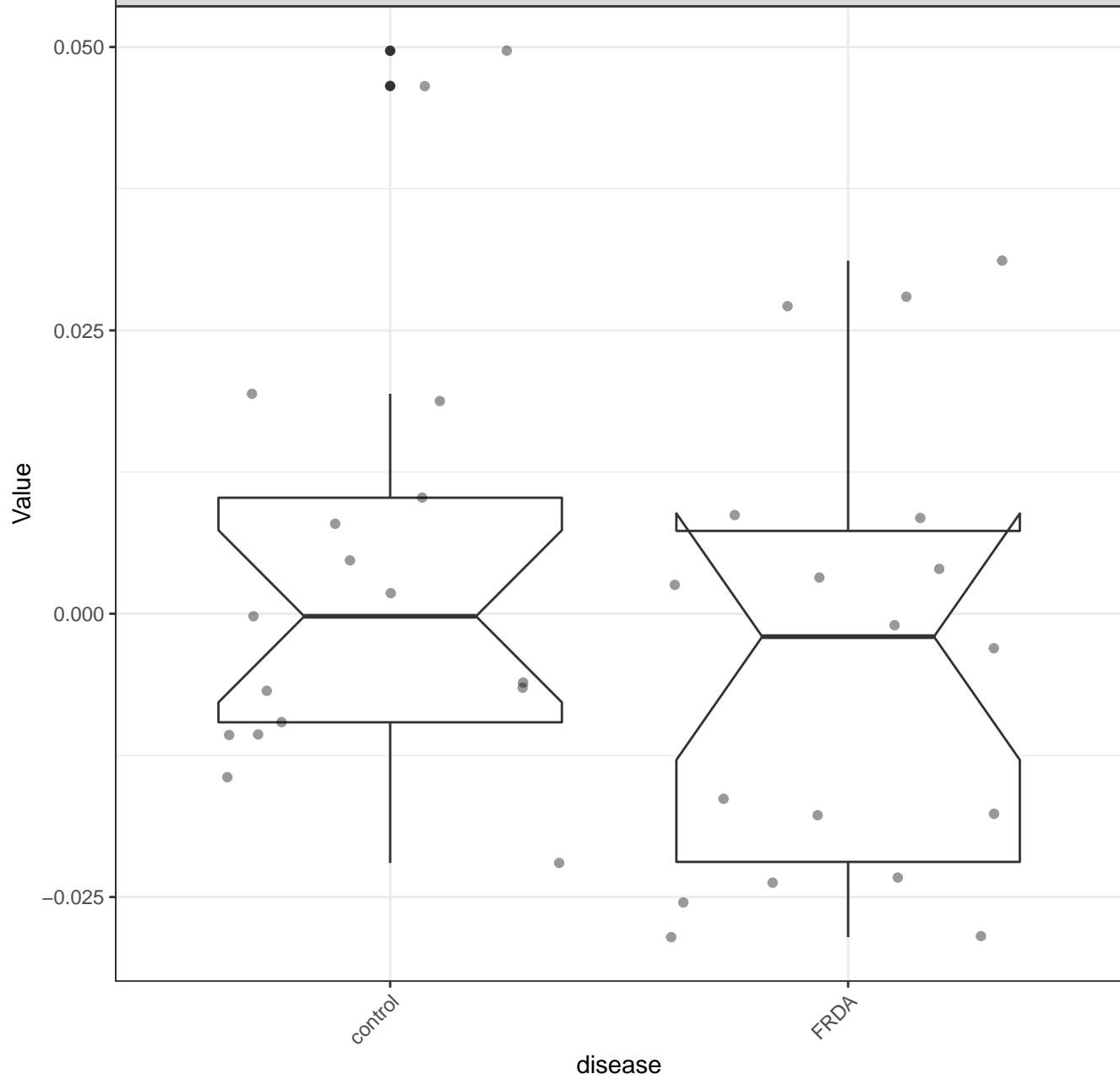








## 31,KEGG\_CYSTEINE\_AND\_METHIONINE\_METABOLISM



Value

0.04

0.02

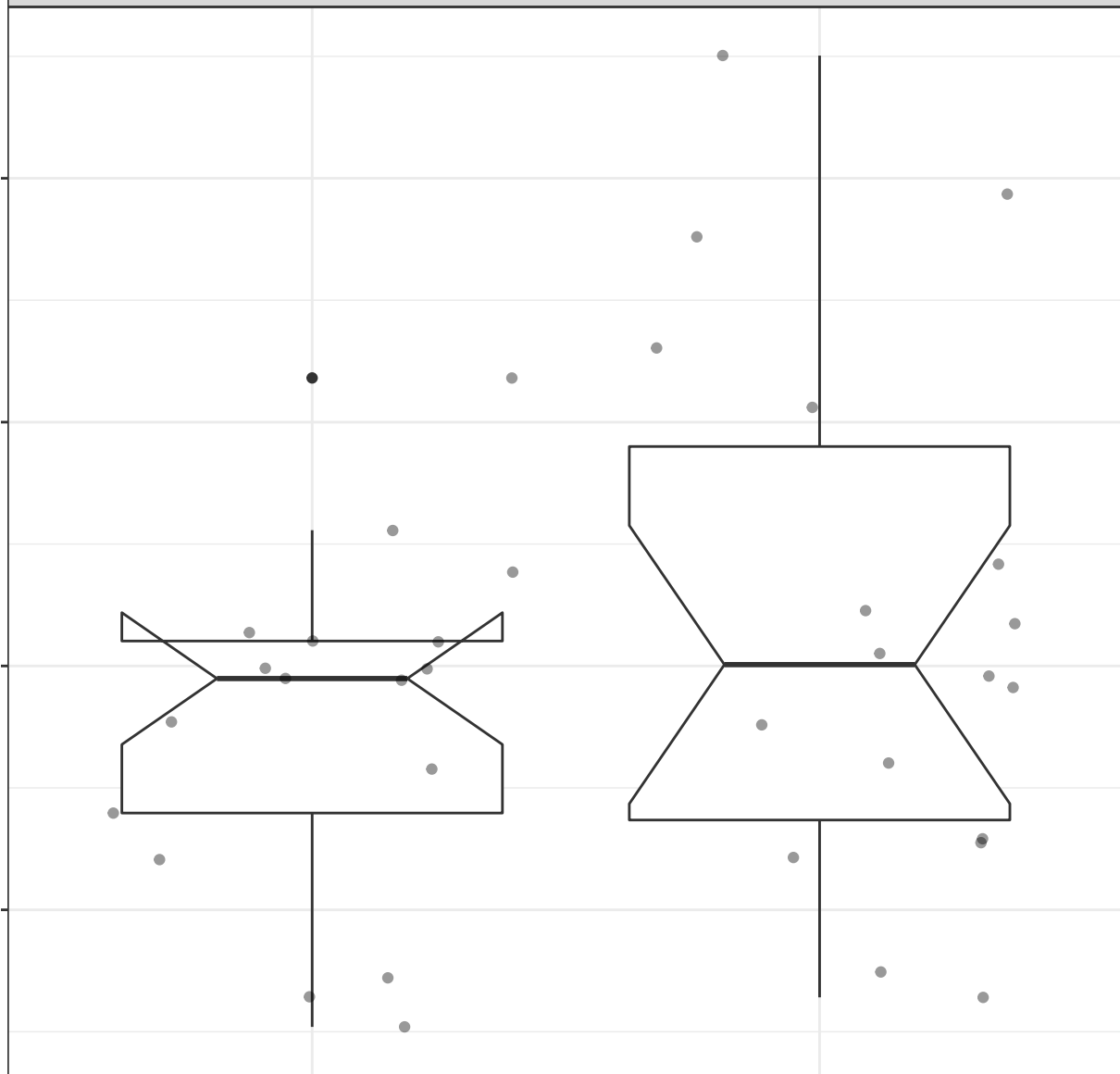
0.00

-0.02

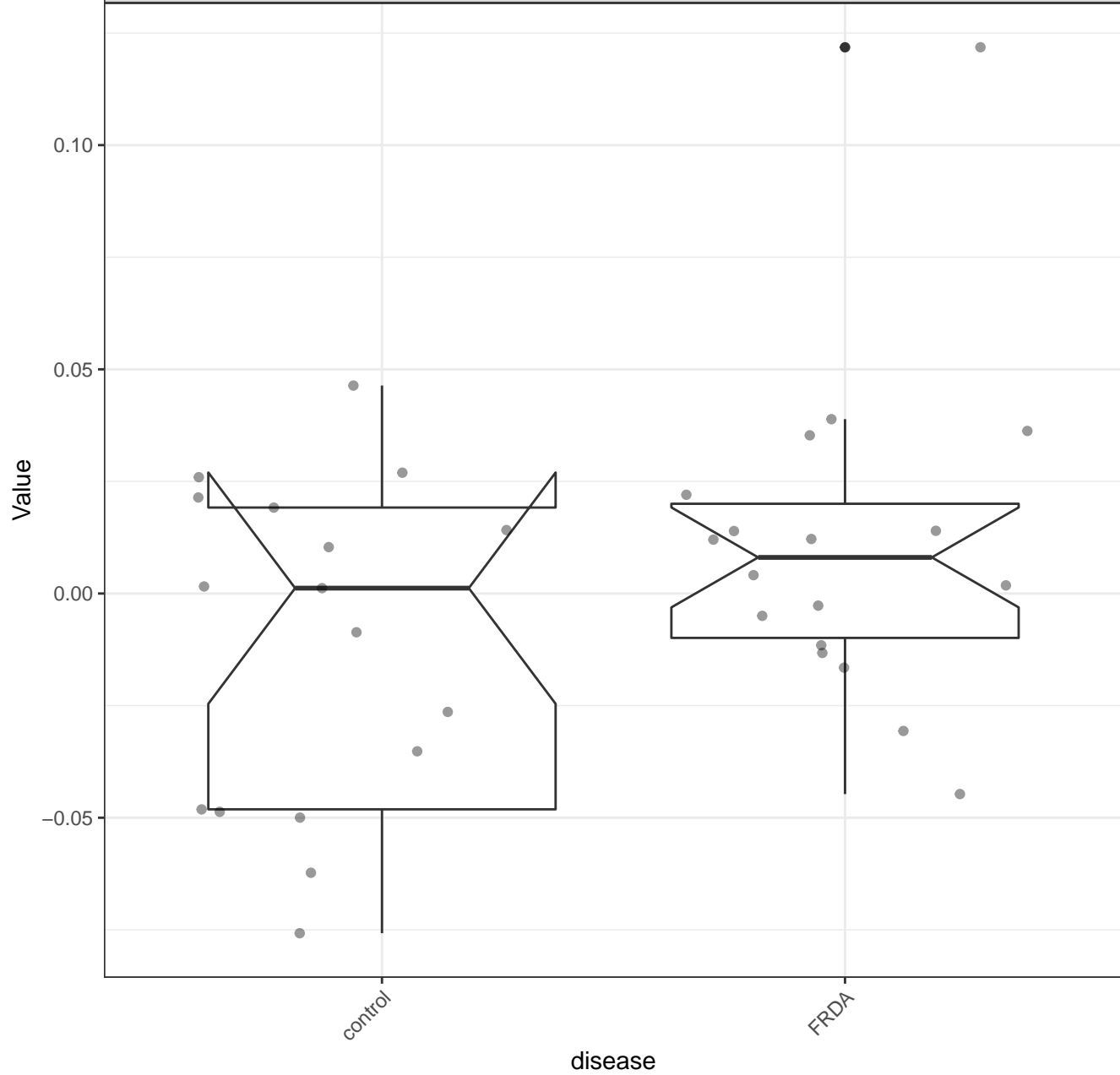
control

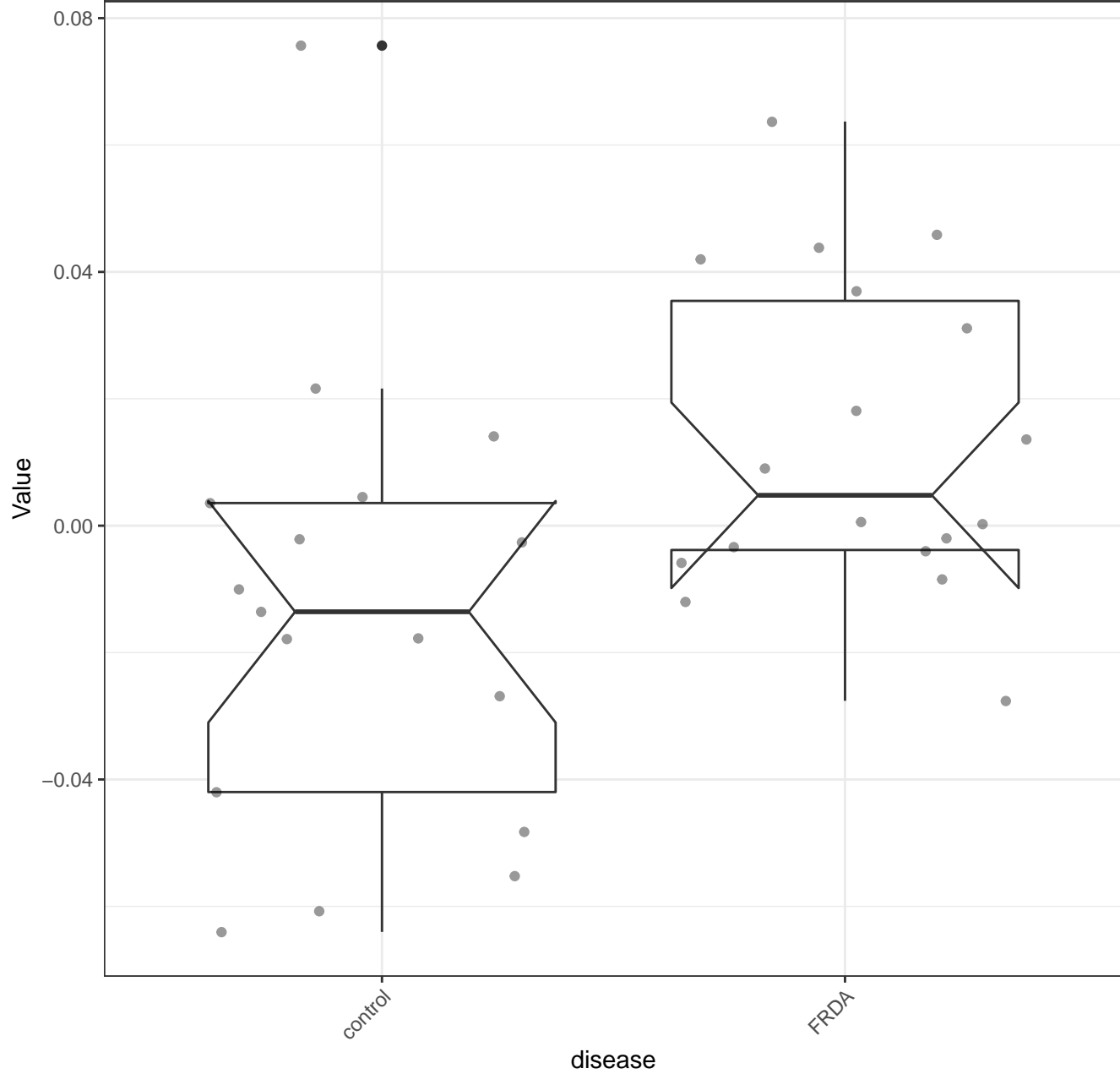
FRDA

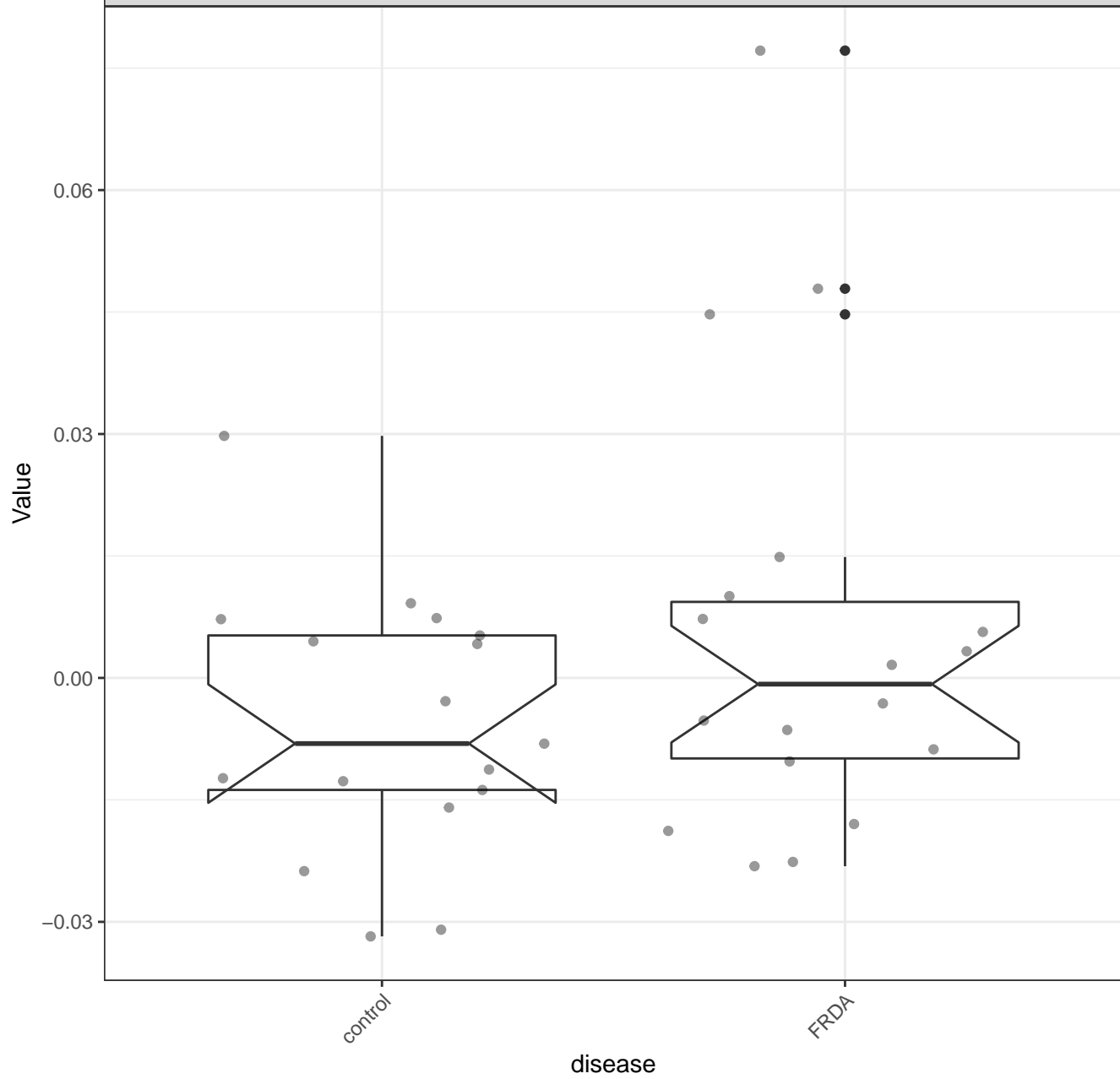
disease

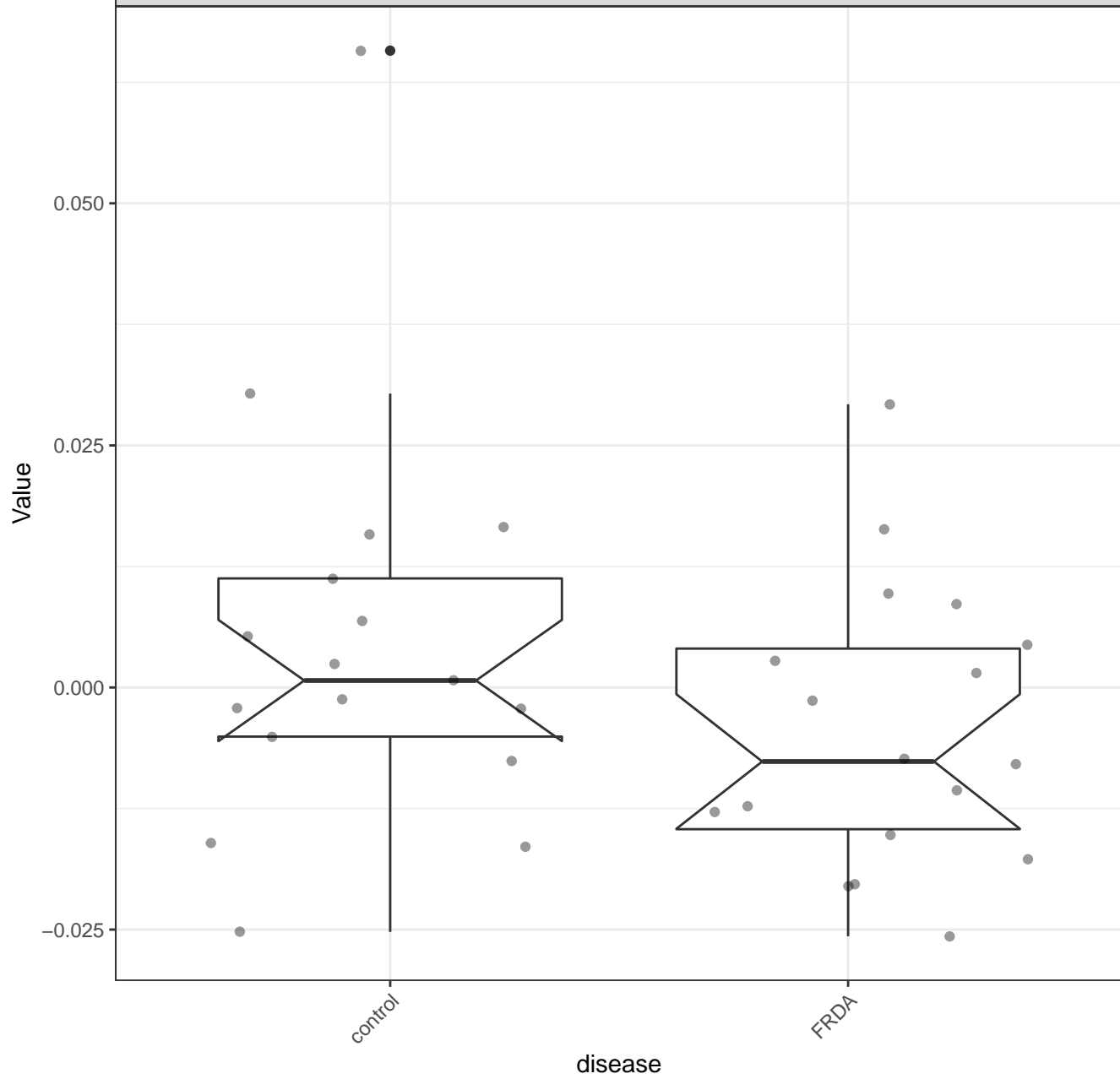


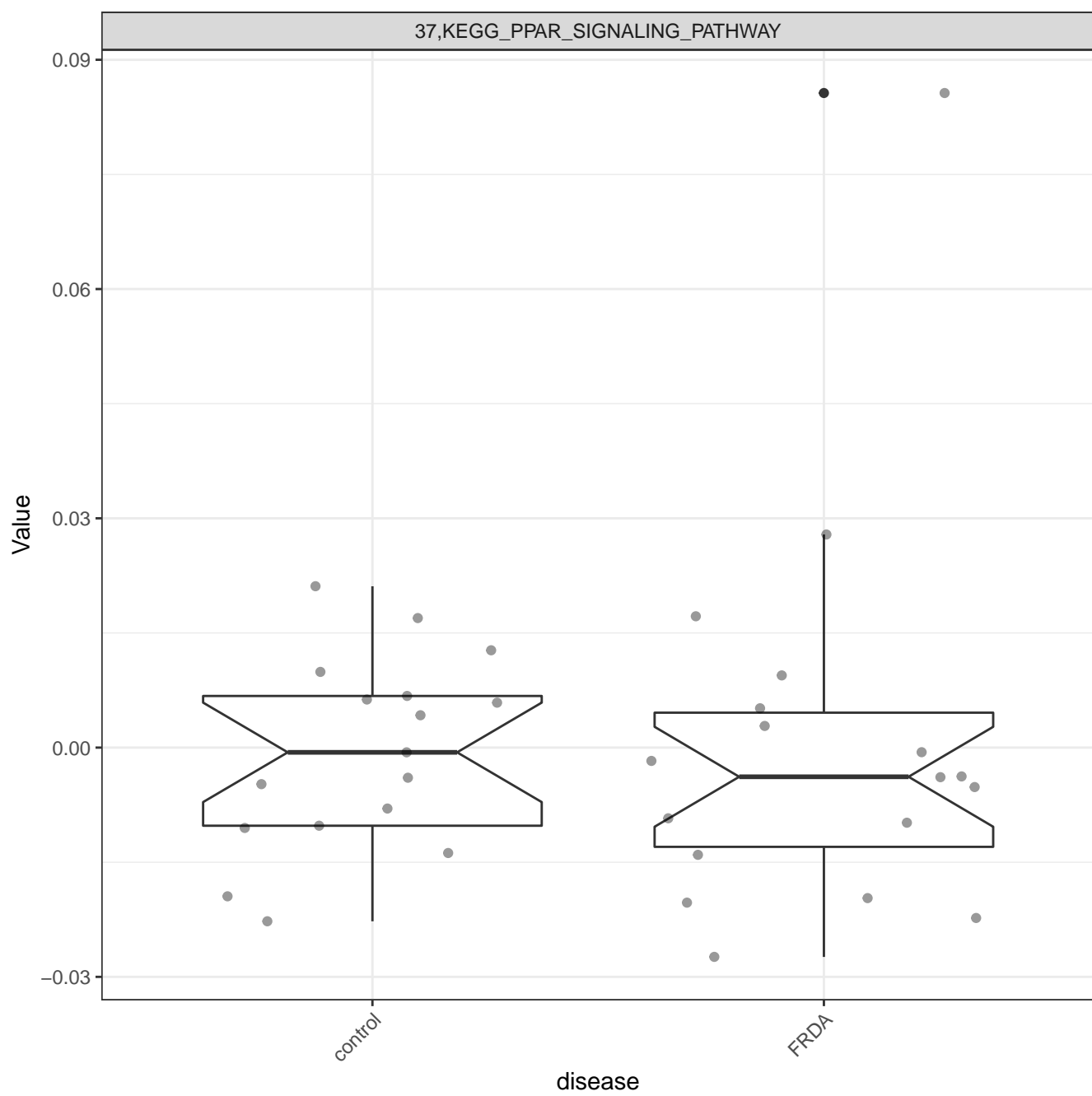


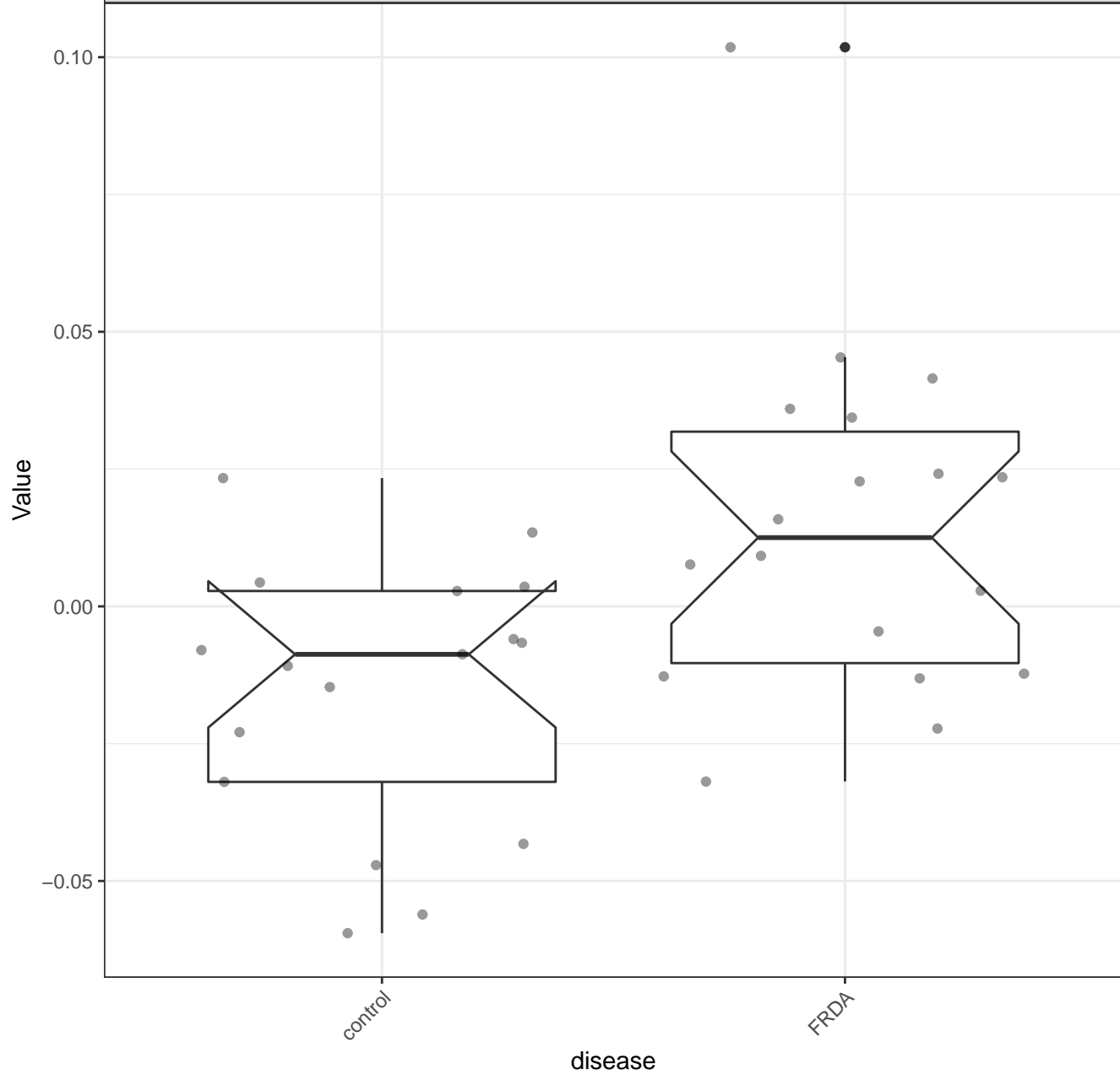


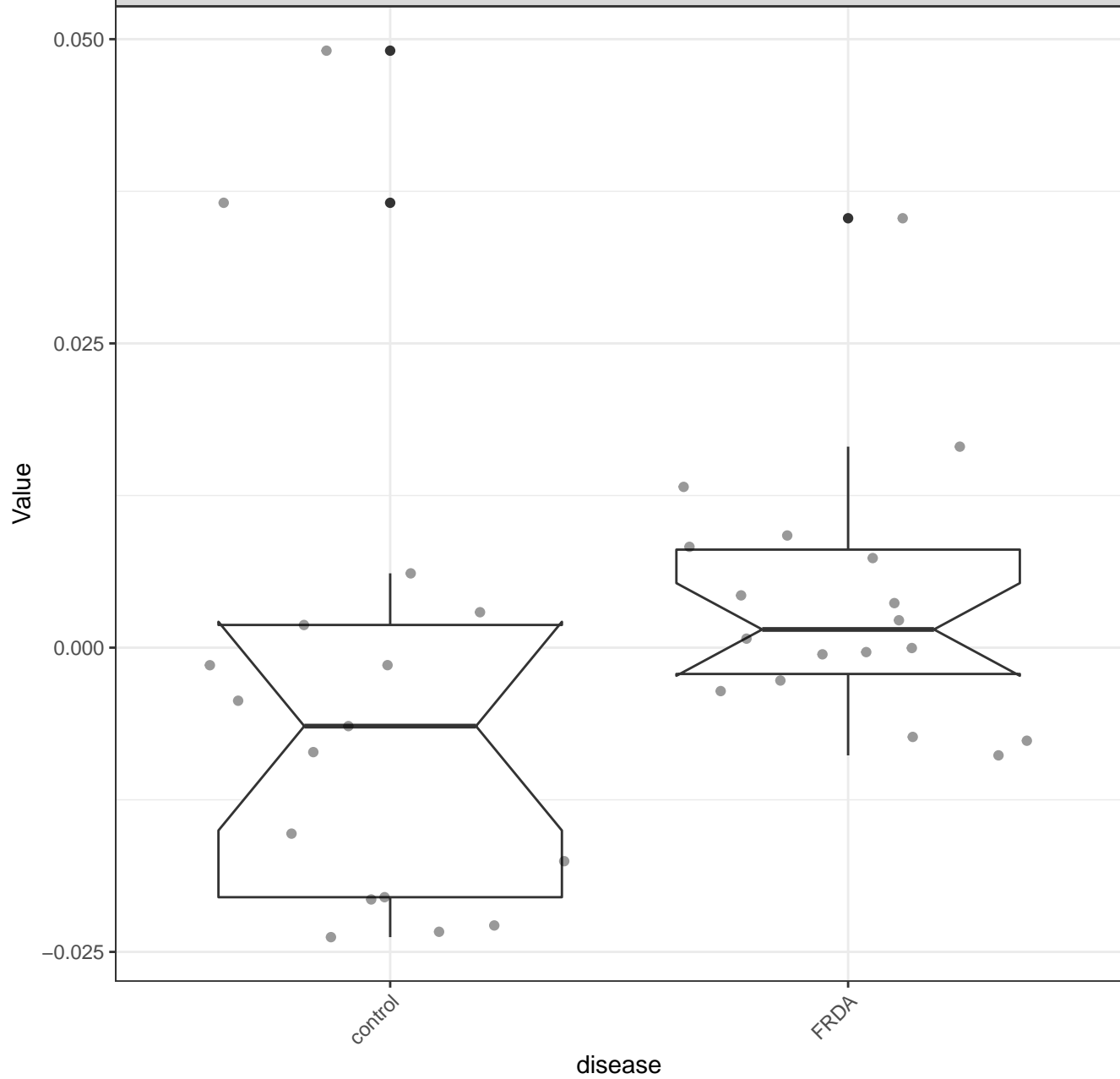


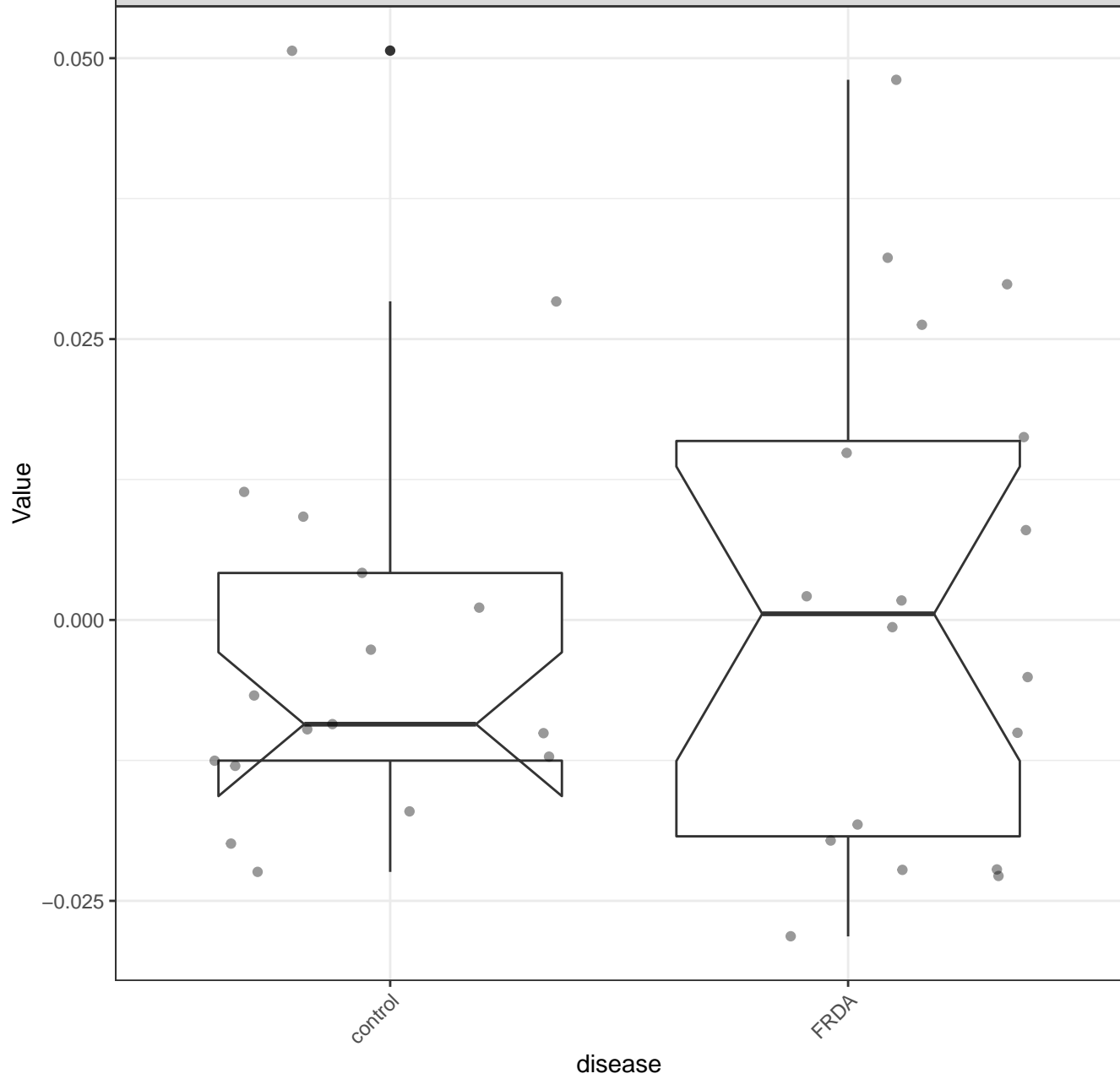




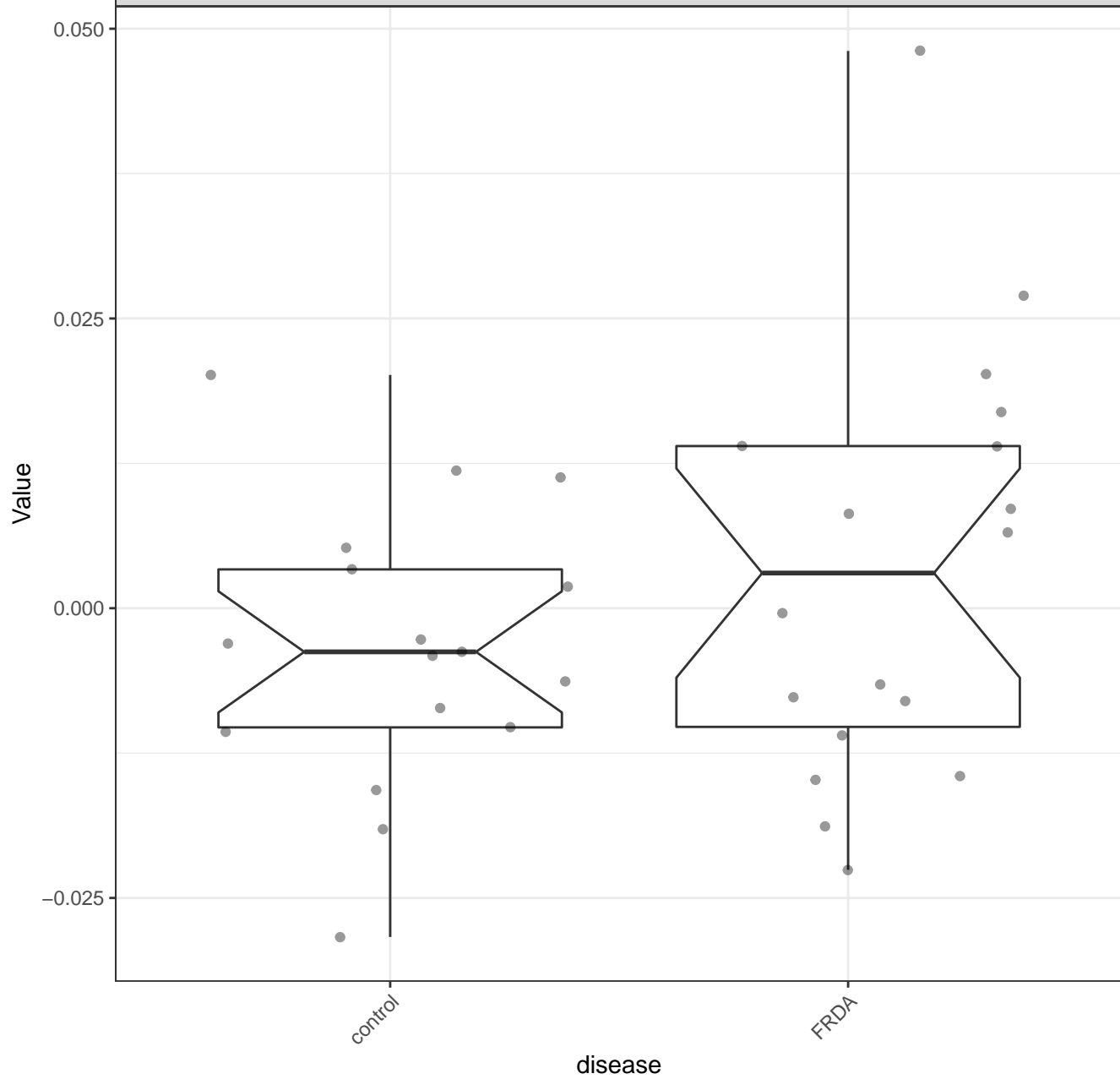












Value

0.025

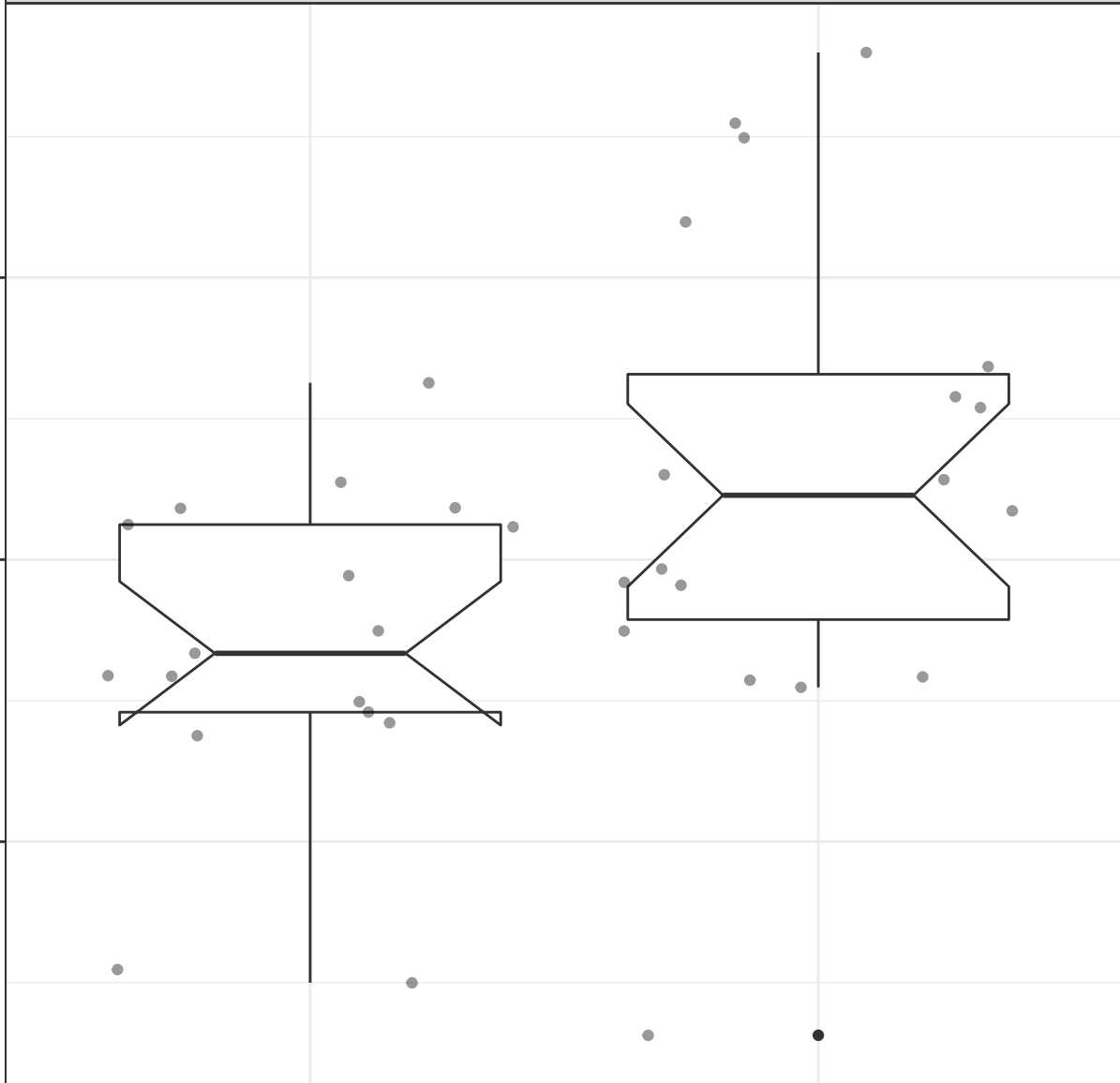
0.000

-0.025

control

disease

FRDA



Value

0.05

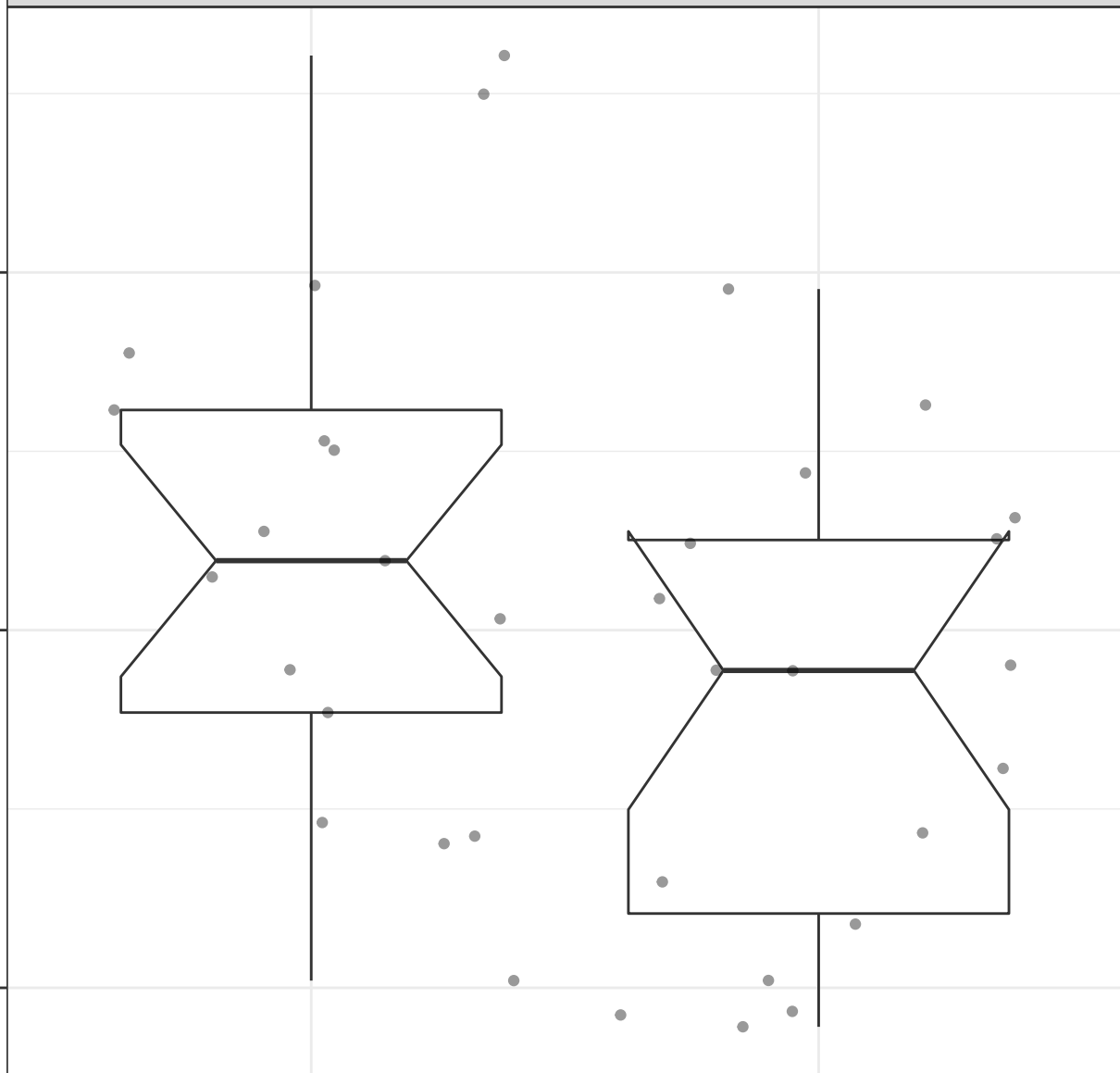
0.00

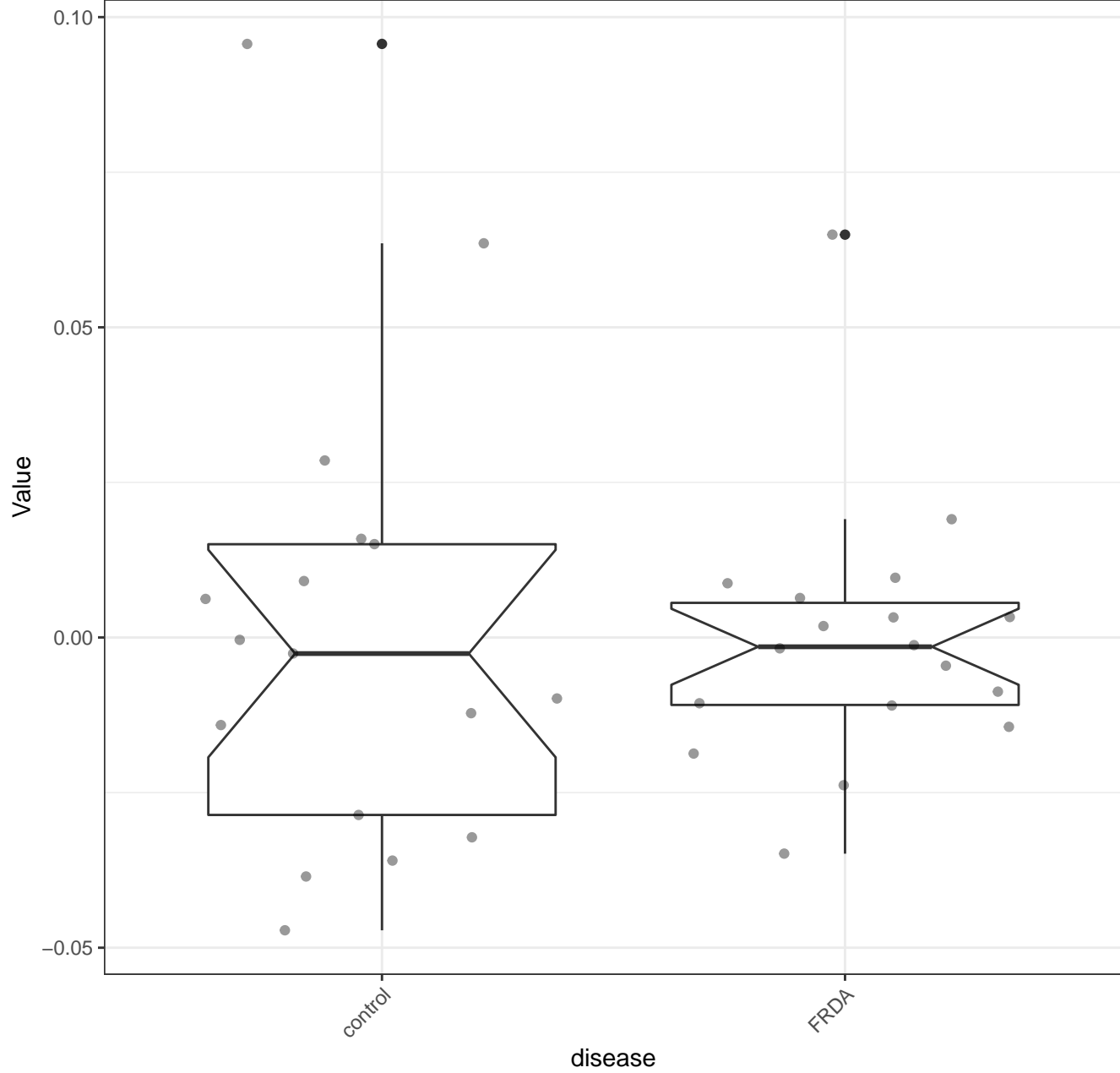
-0.05

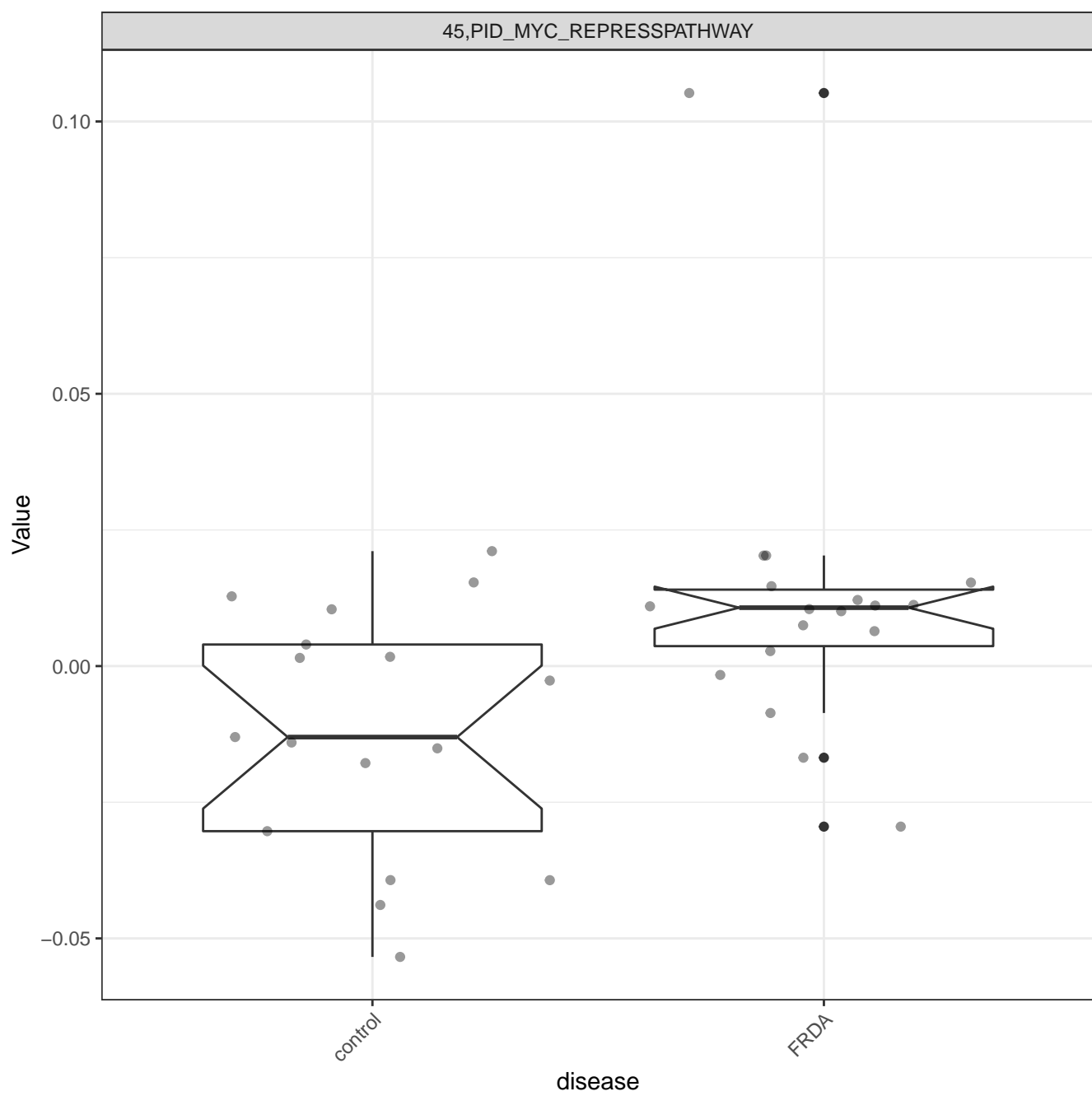
control

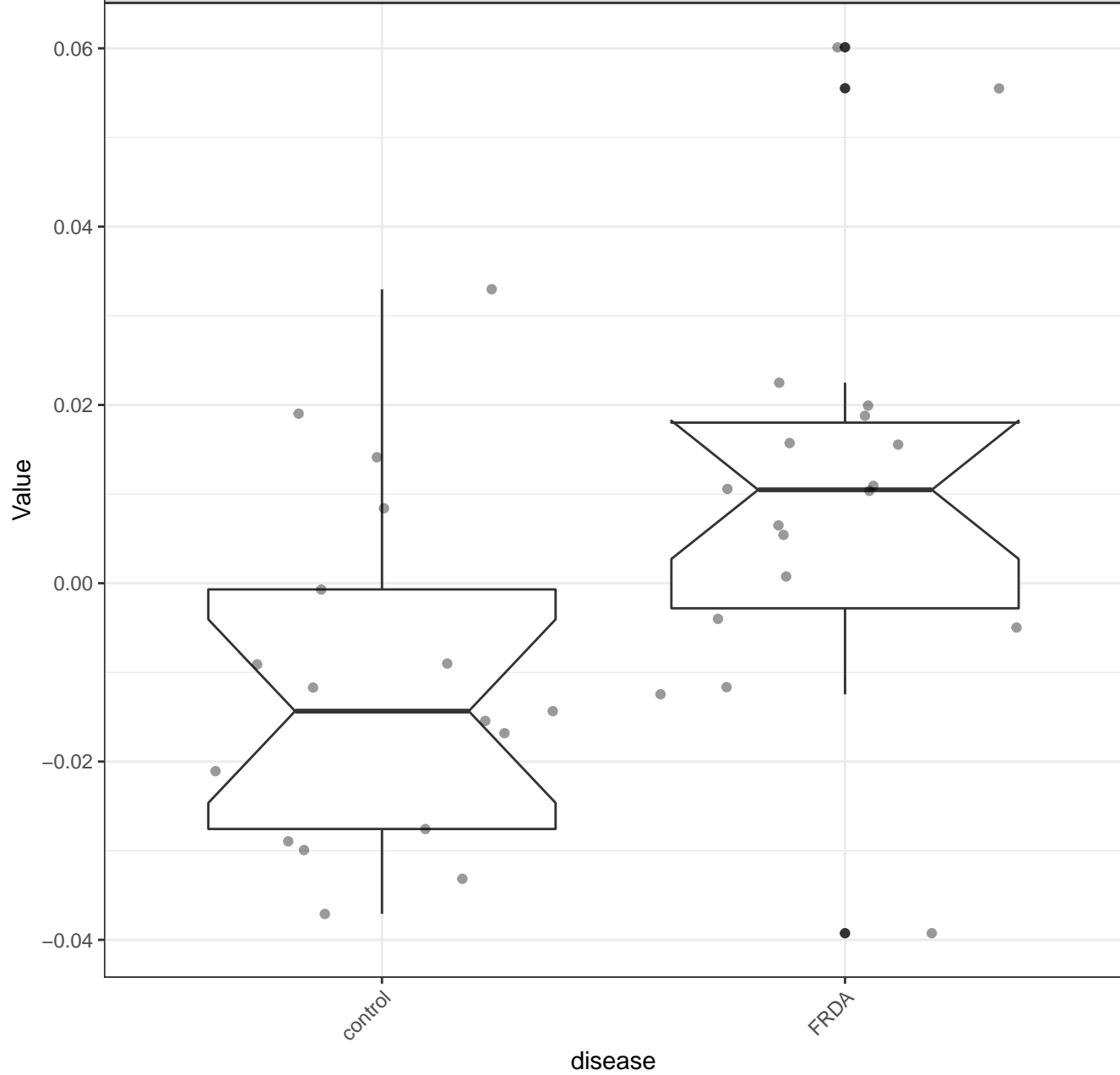
FRDA

disease









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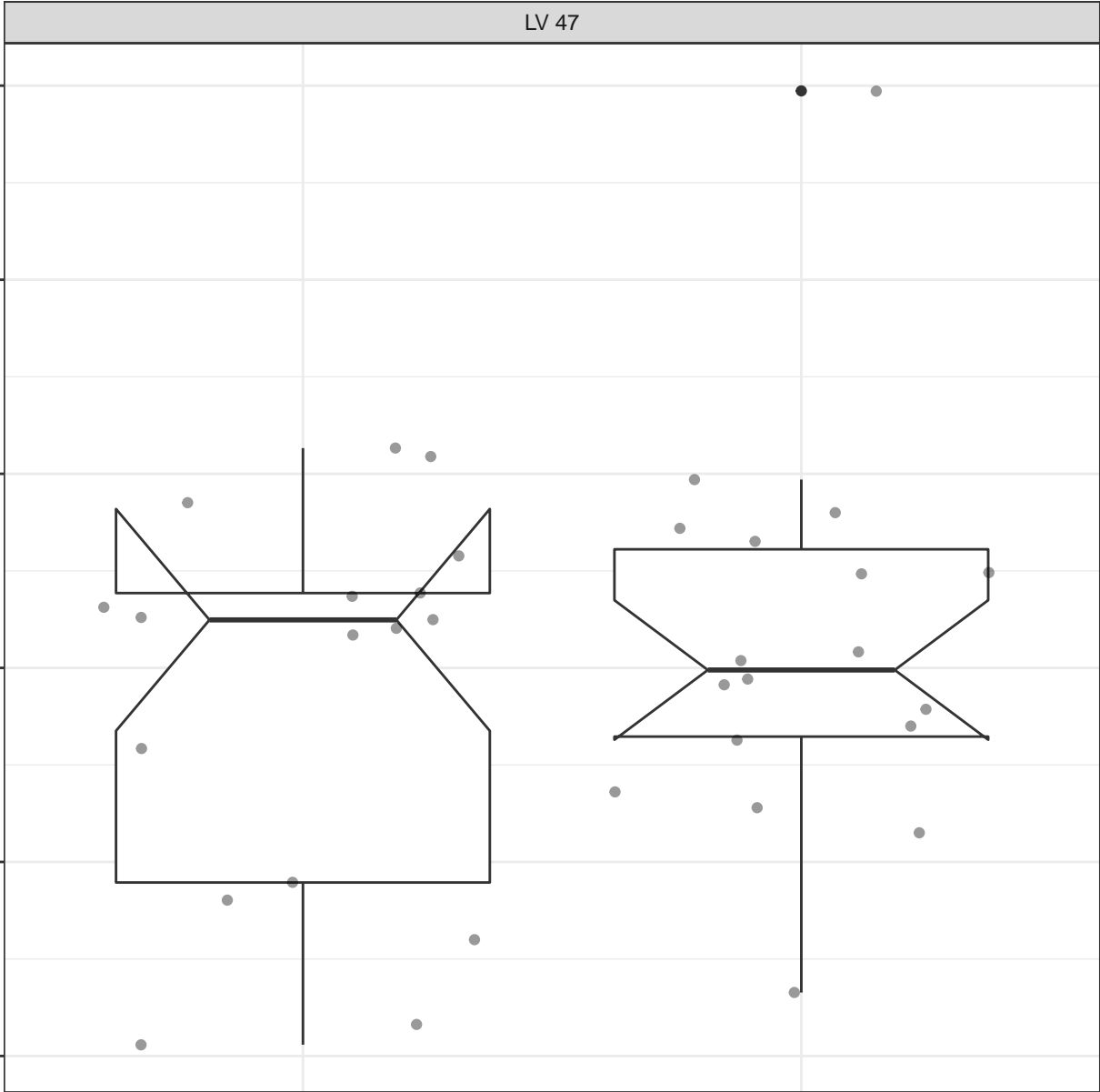
Value

control

FRDA

disease

0.06  
0.04  
0.02  
0.00  
-0.02  
-0.04



Value

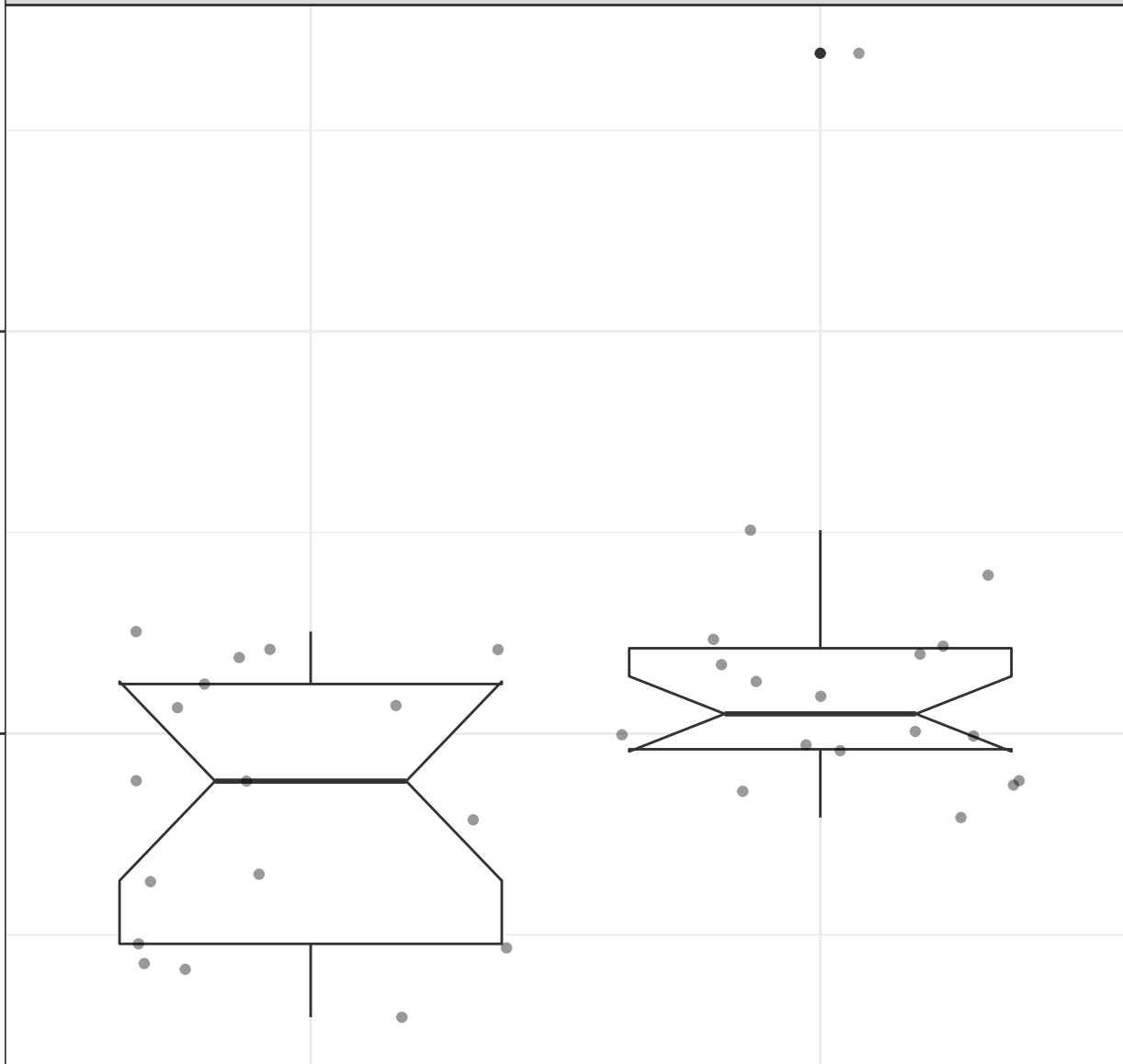
0.05

0.00

control

FRDA

disease





Value

0.025

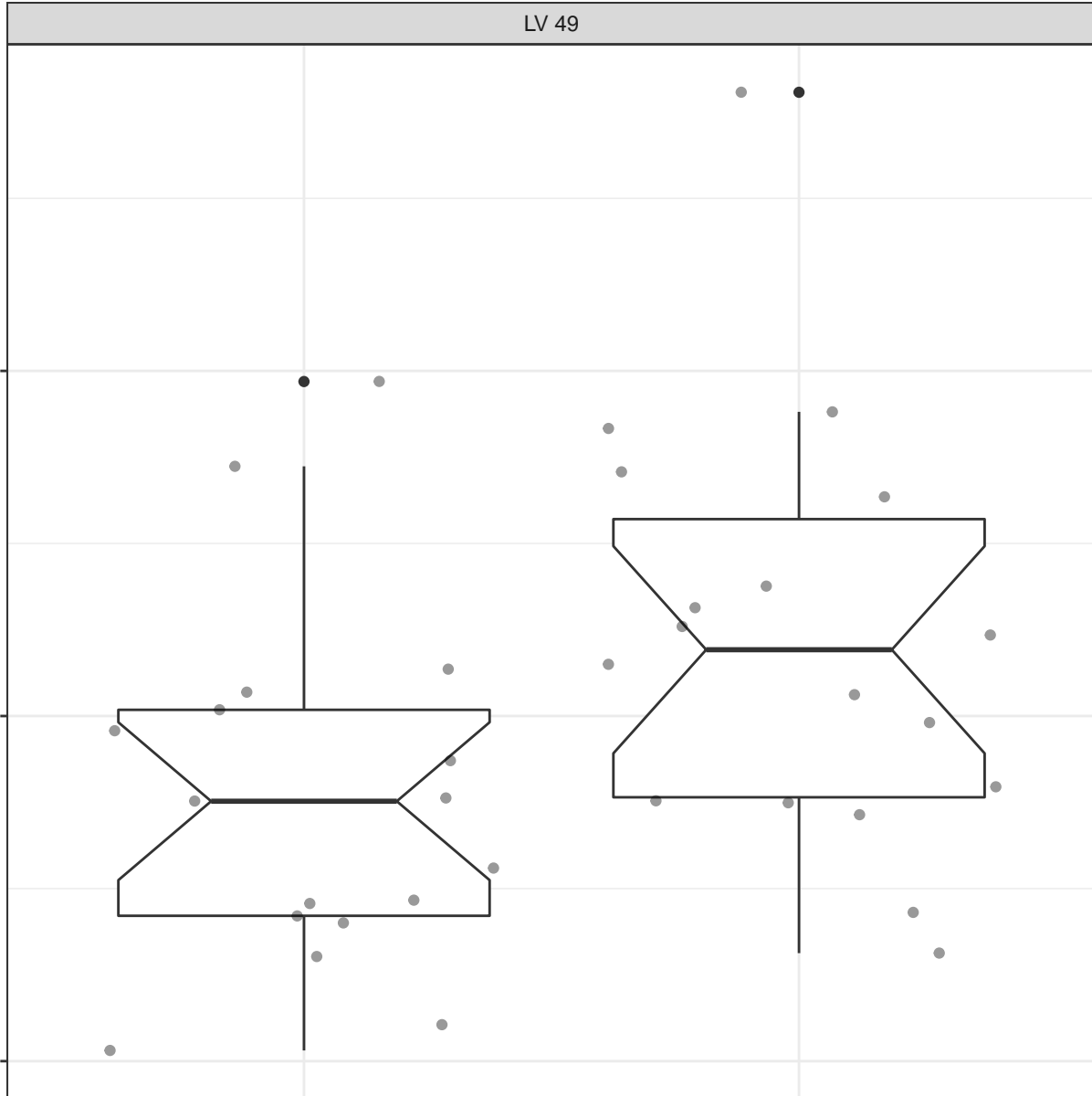
0.000

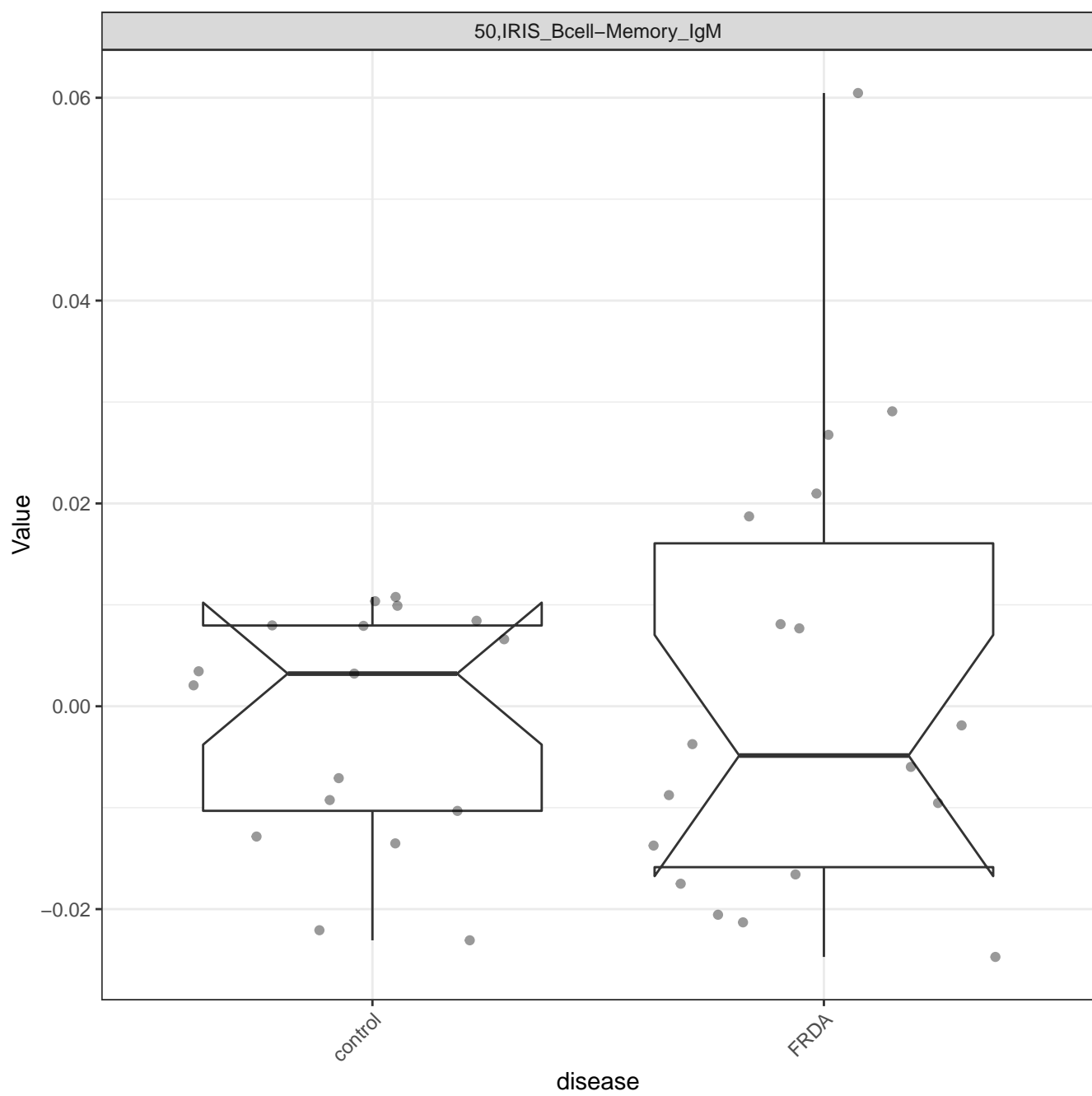
-0.025

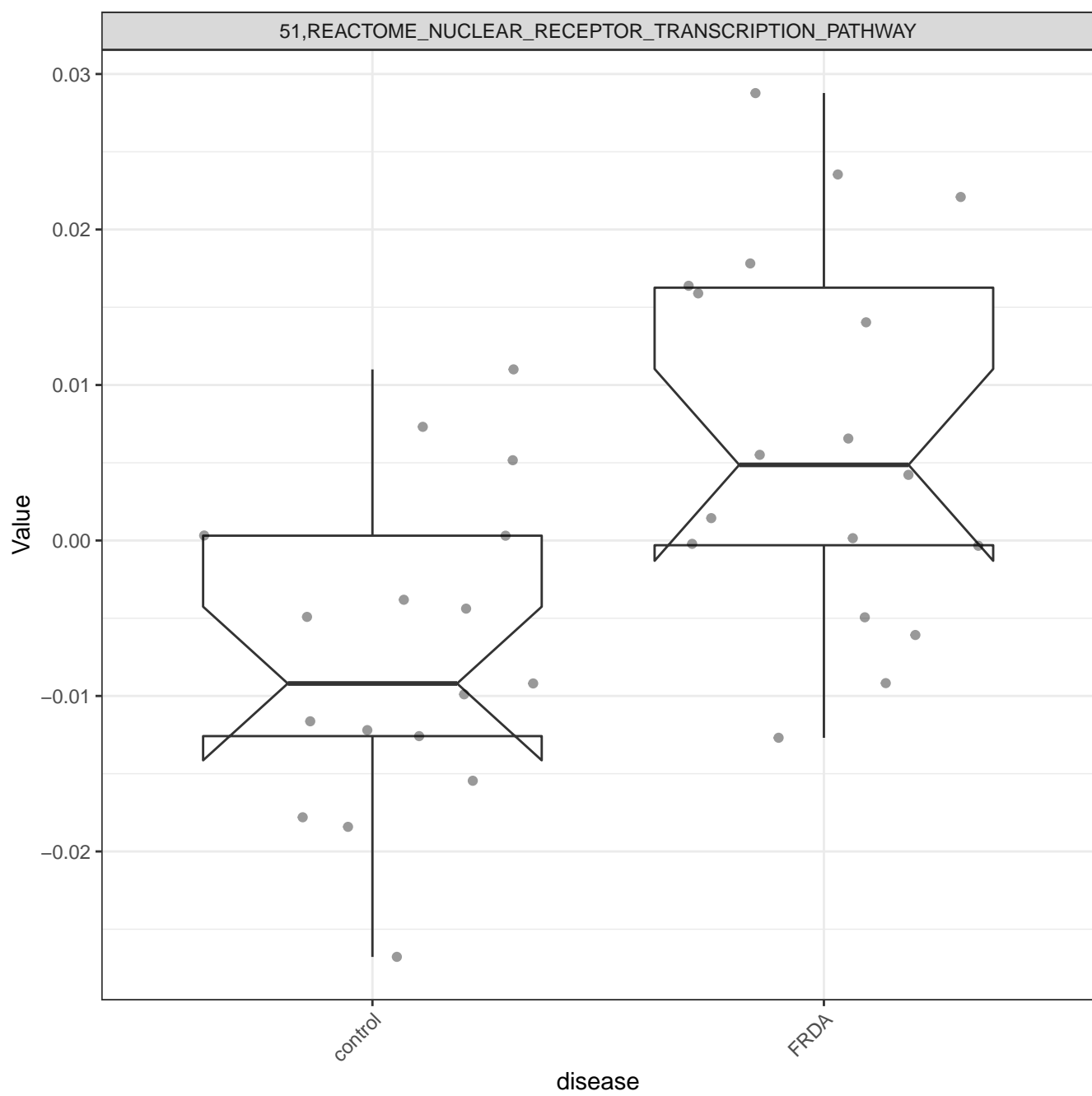
control

FRDA

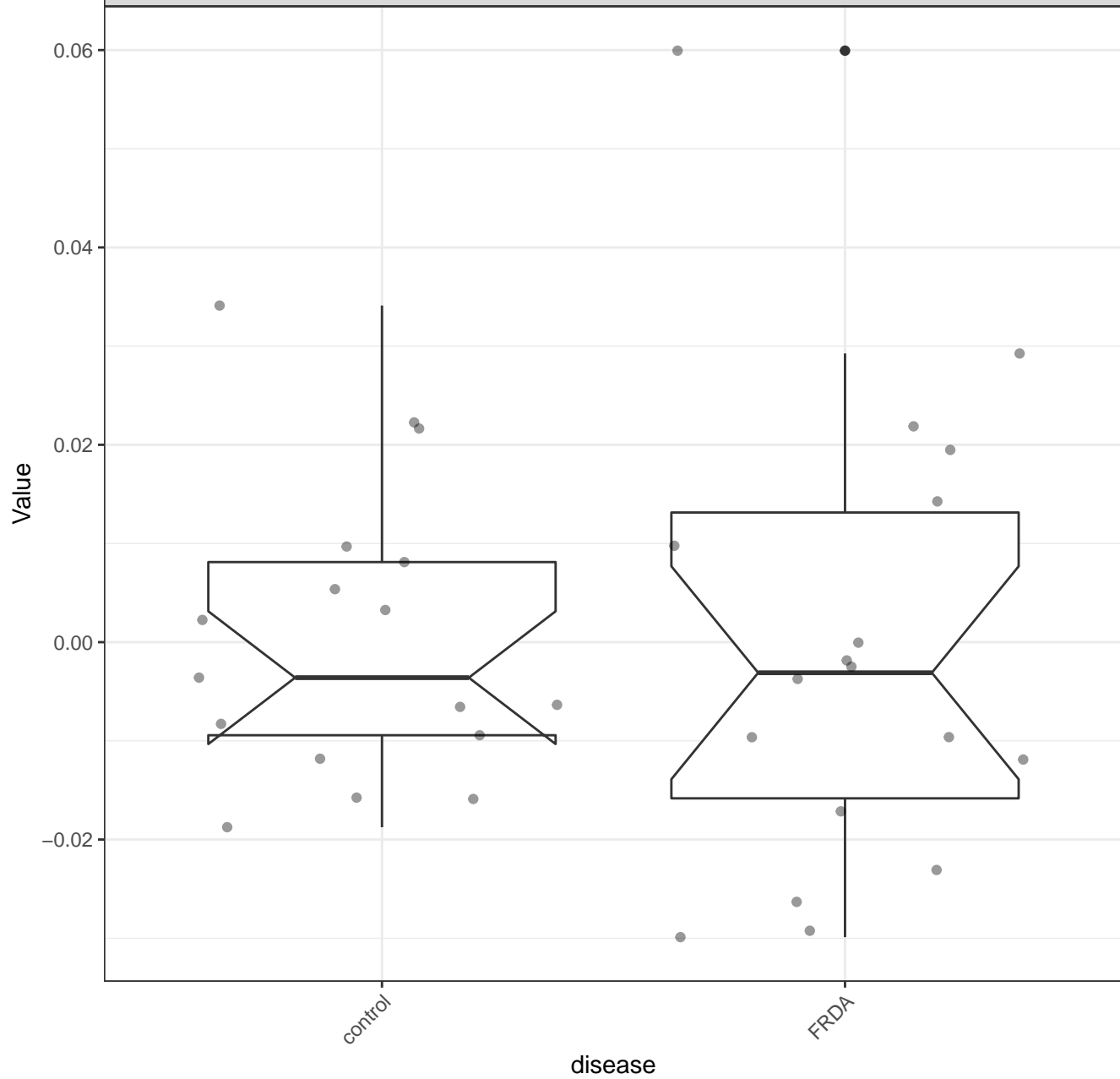
disease











Value

0.05

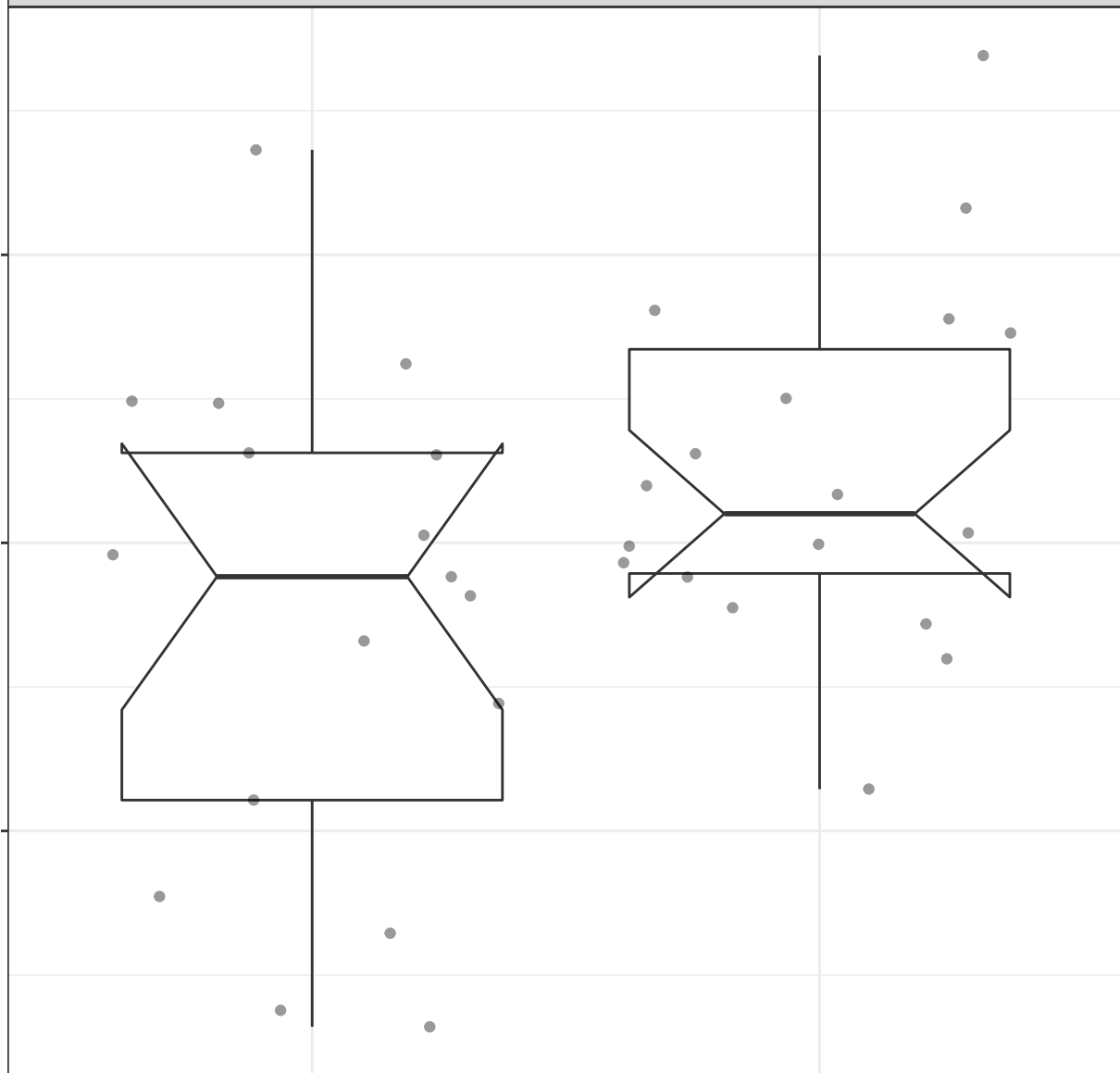
0.00

-0.05

control

FRDA

disease

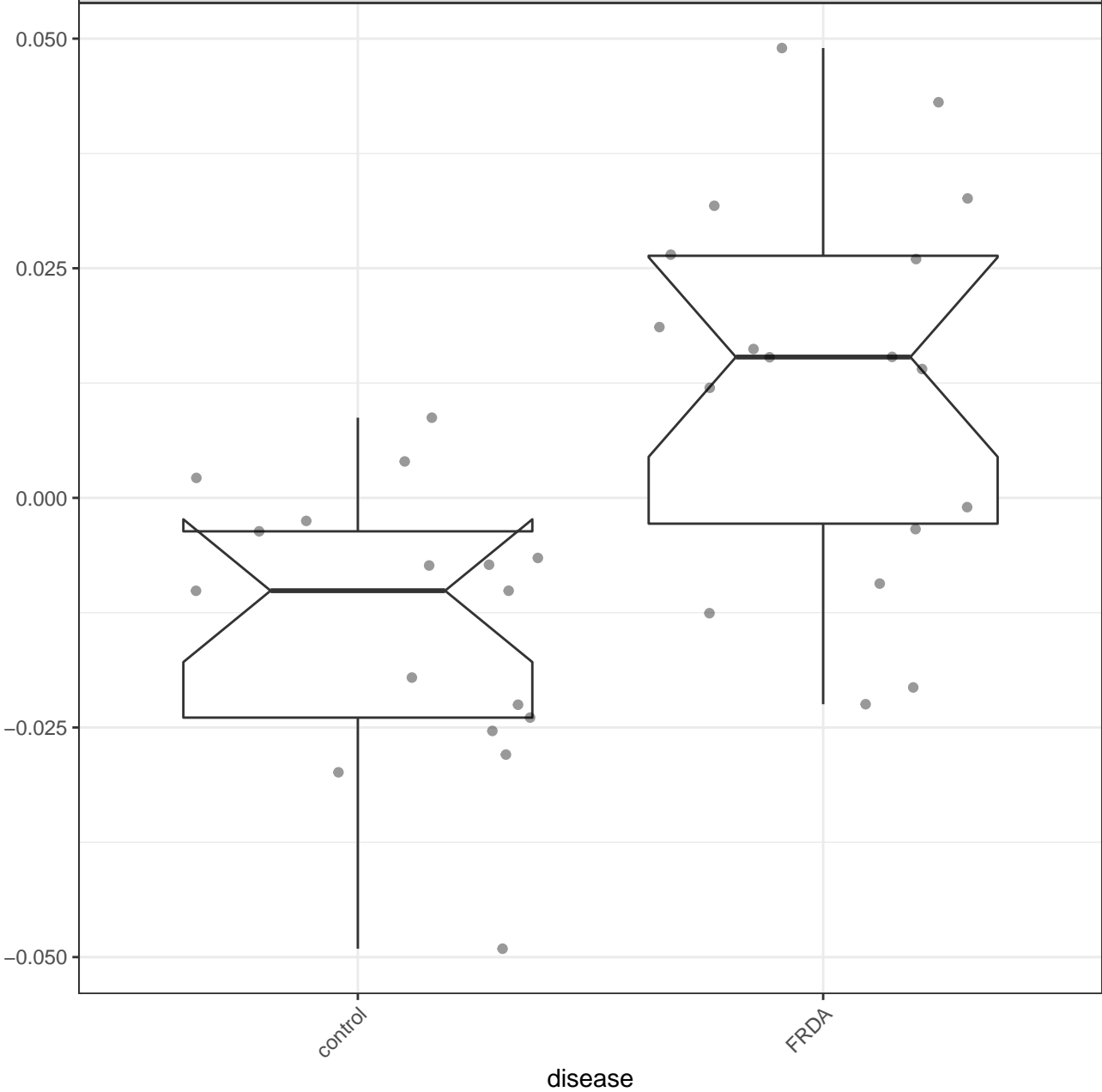




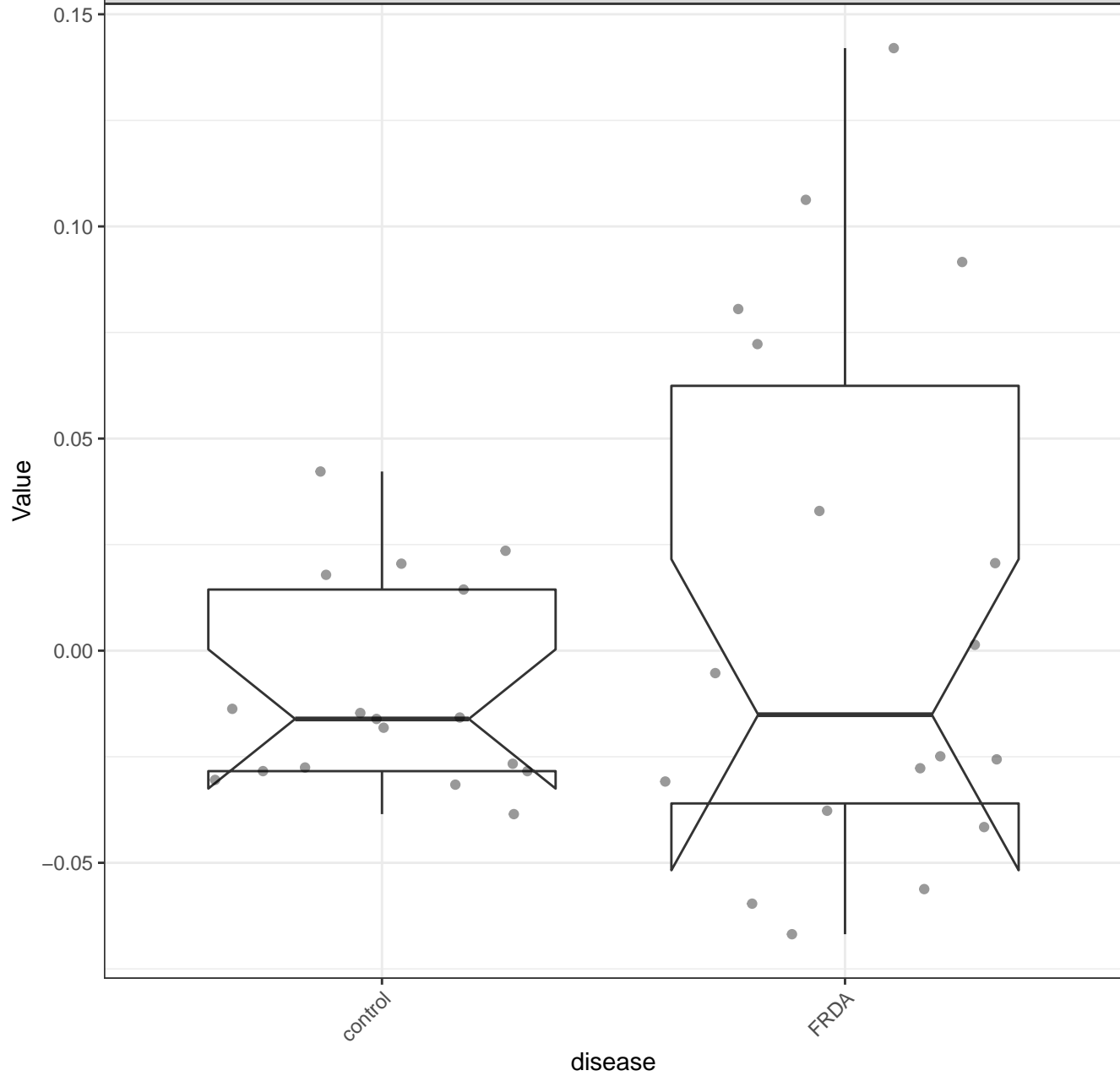
control

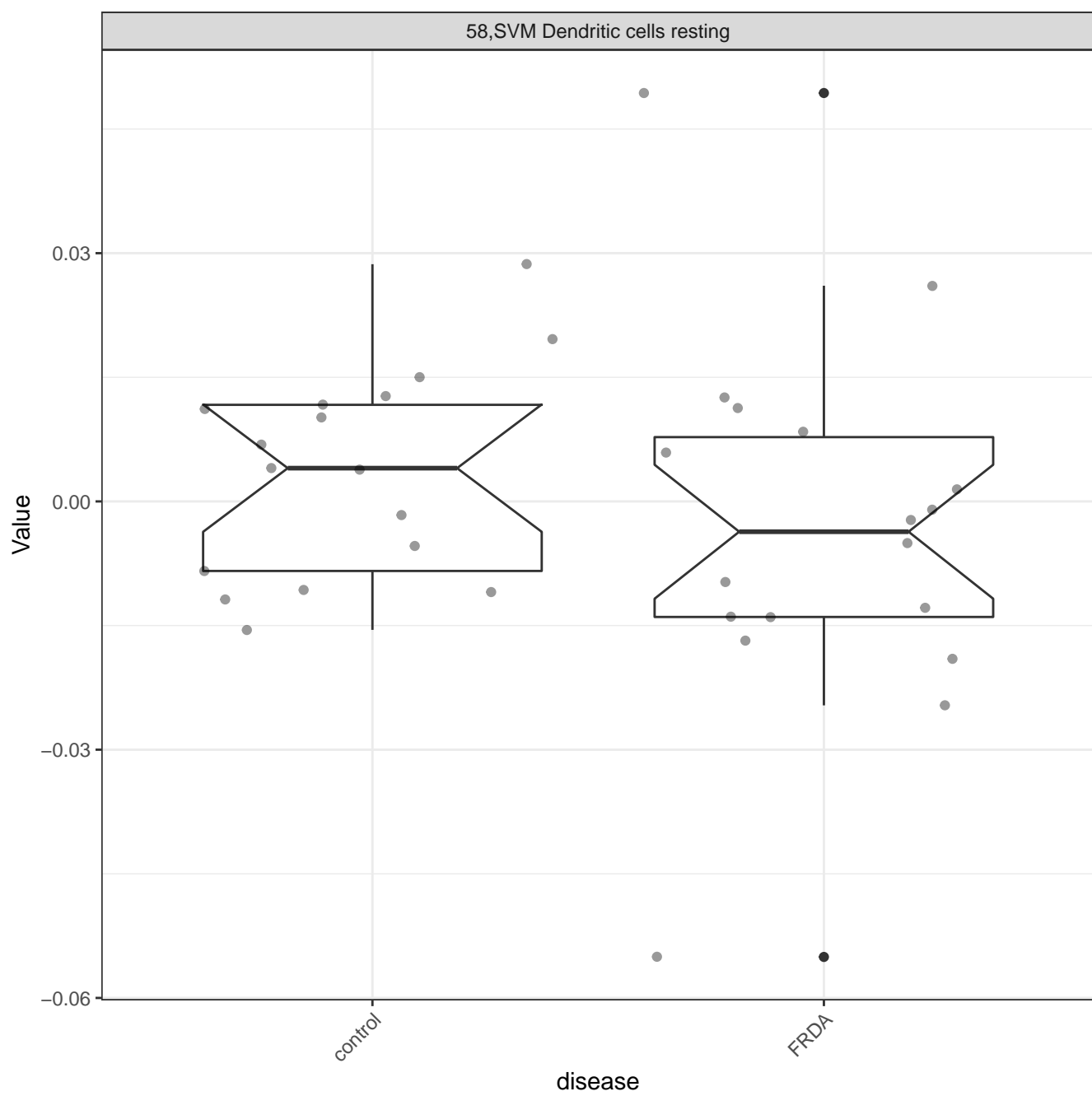
FRDA

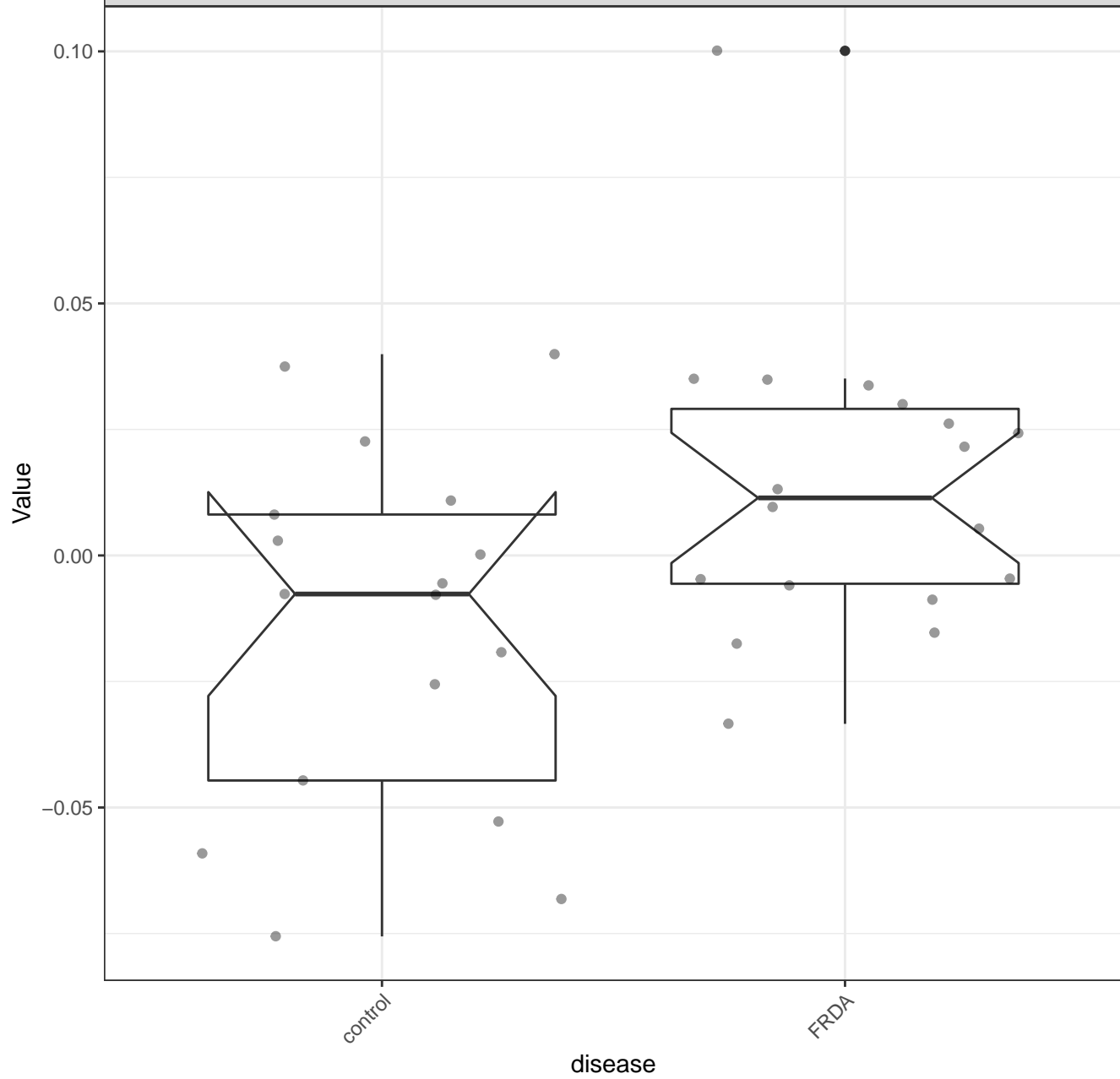
disease

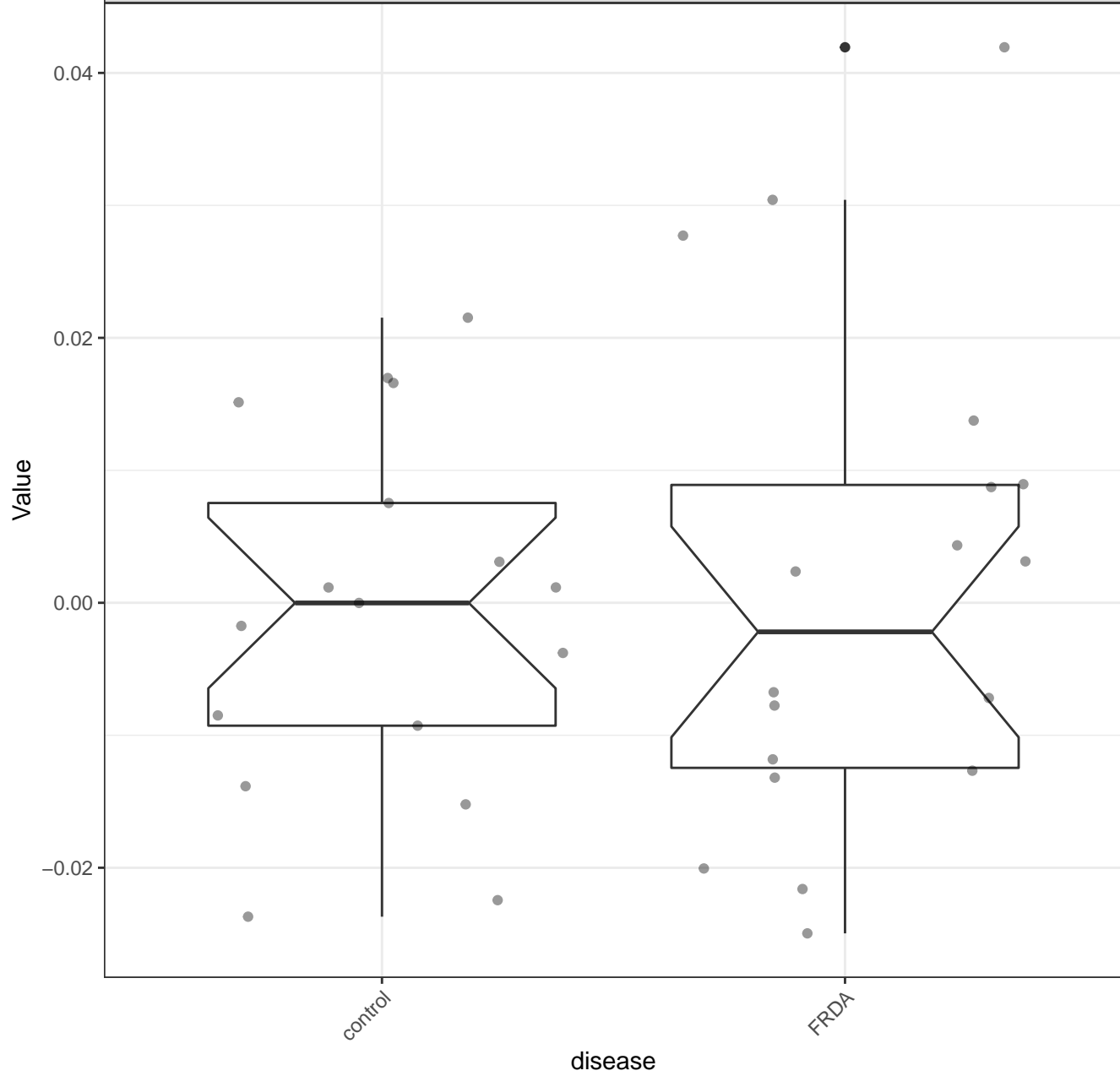


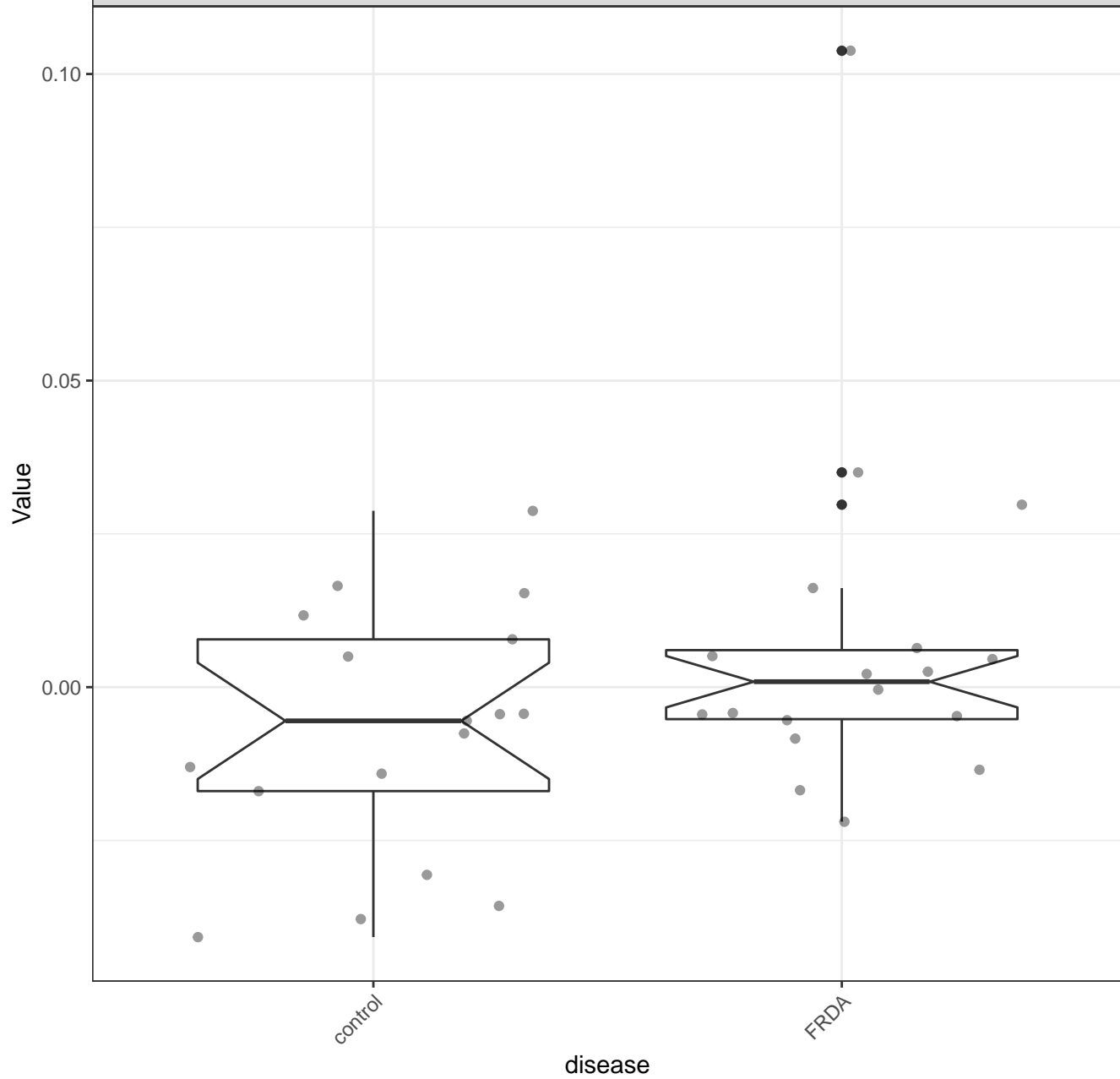




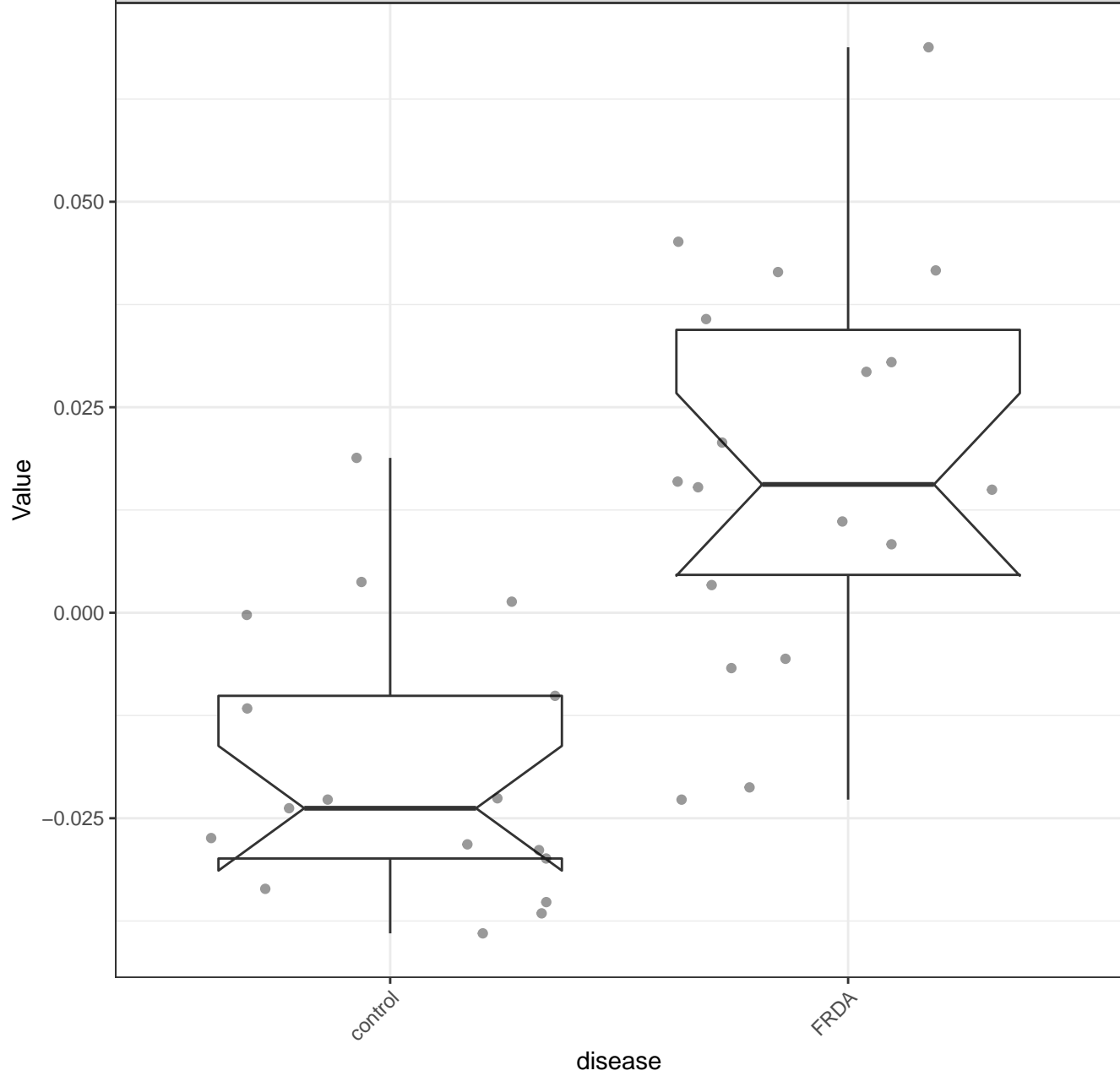


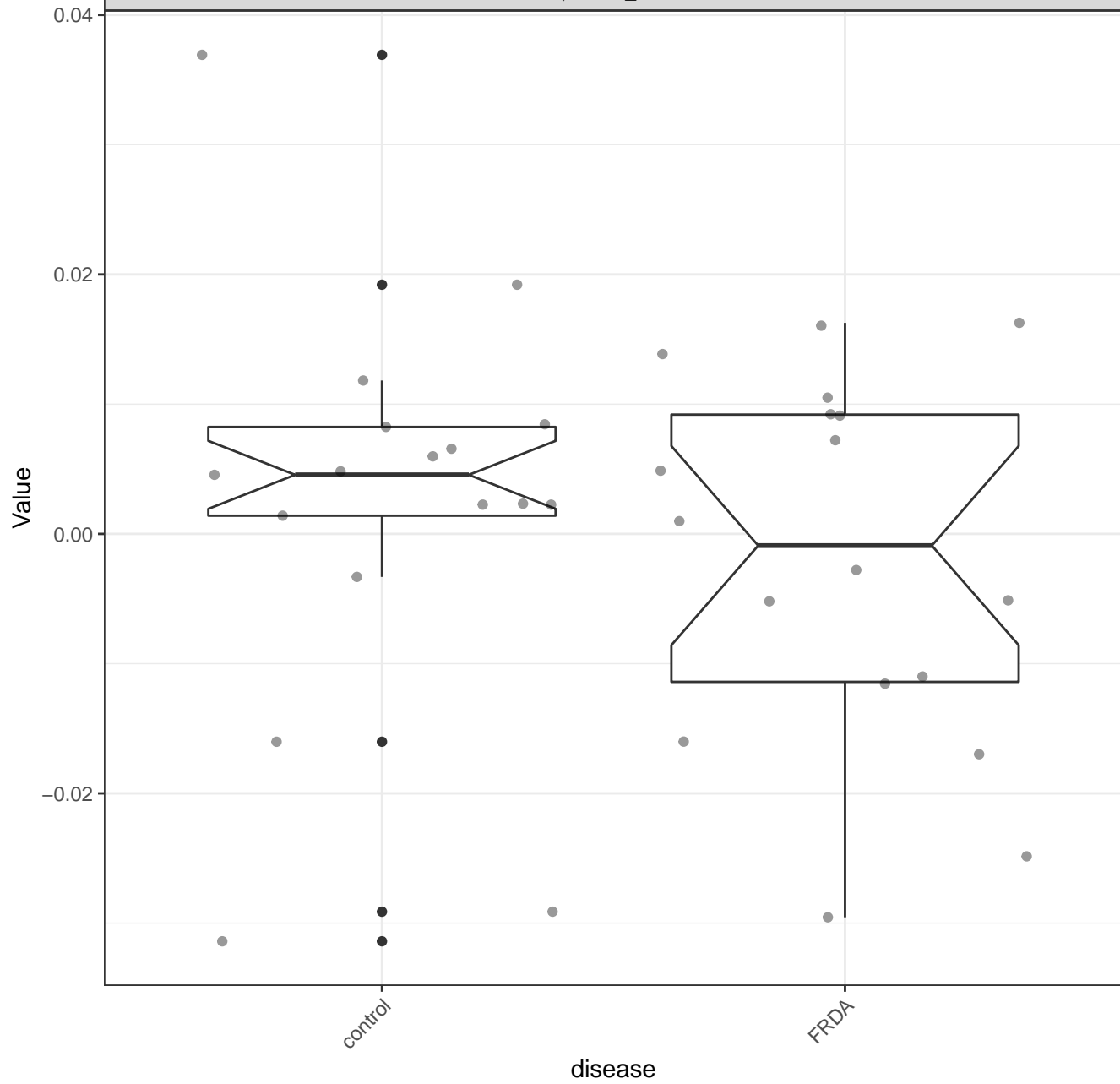


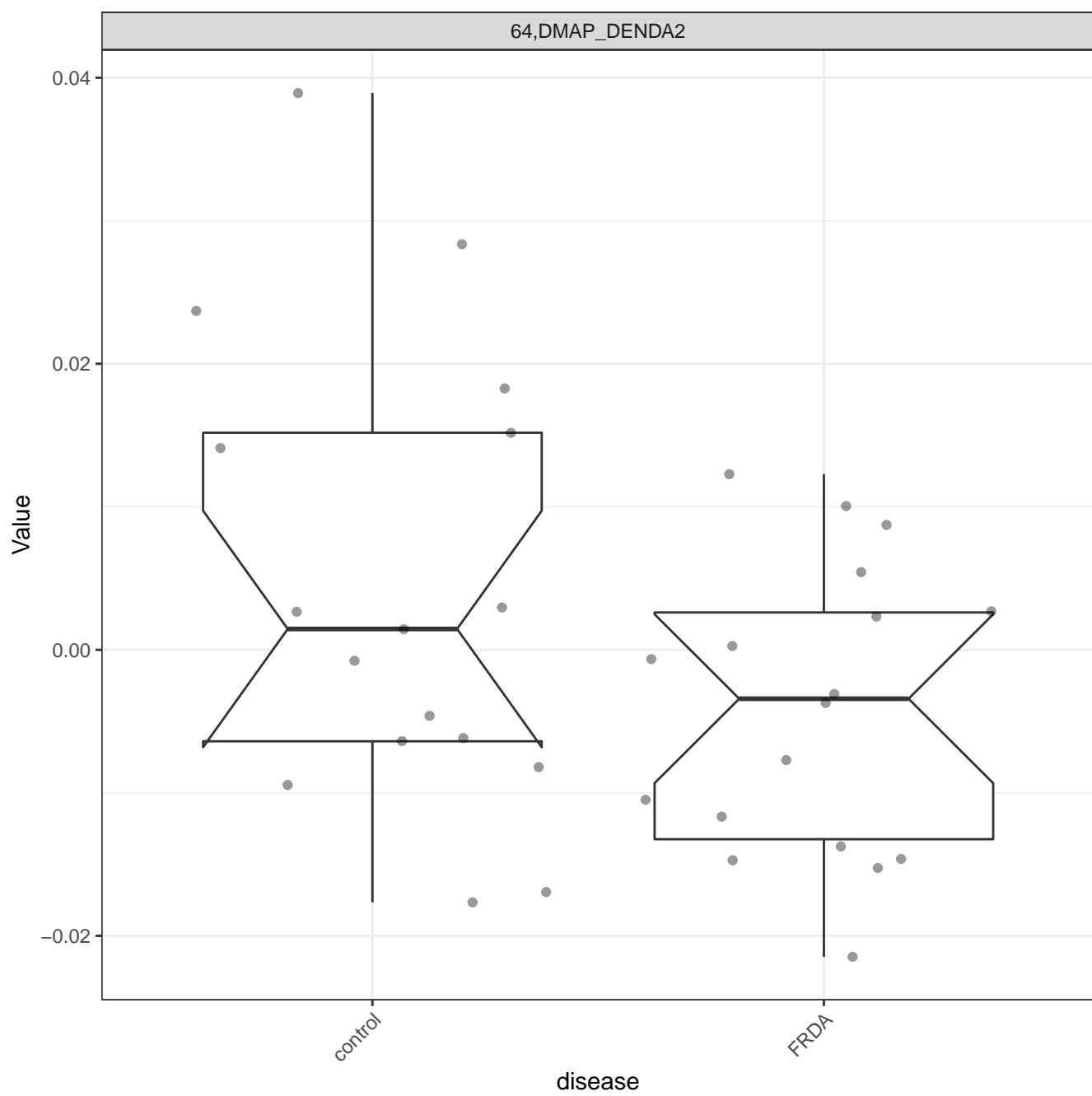




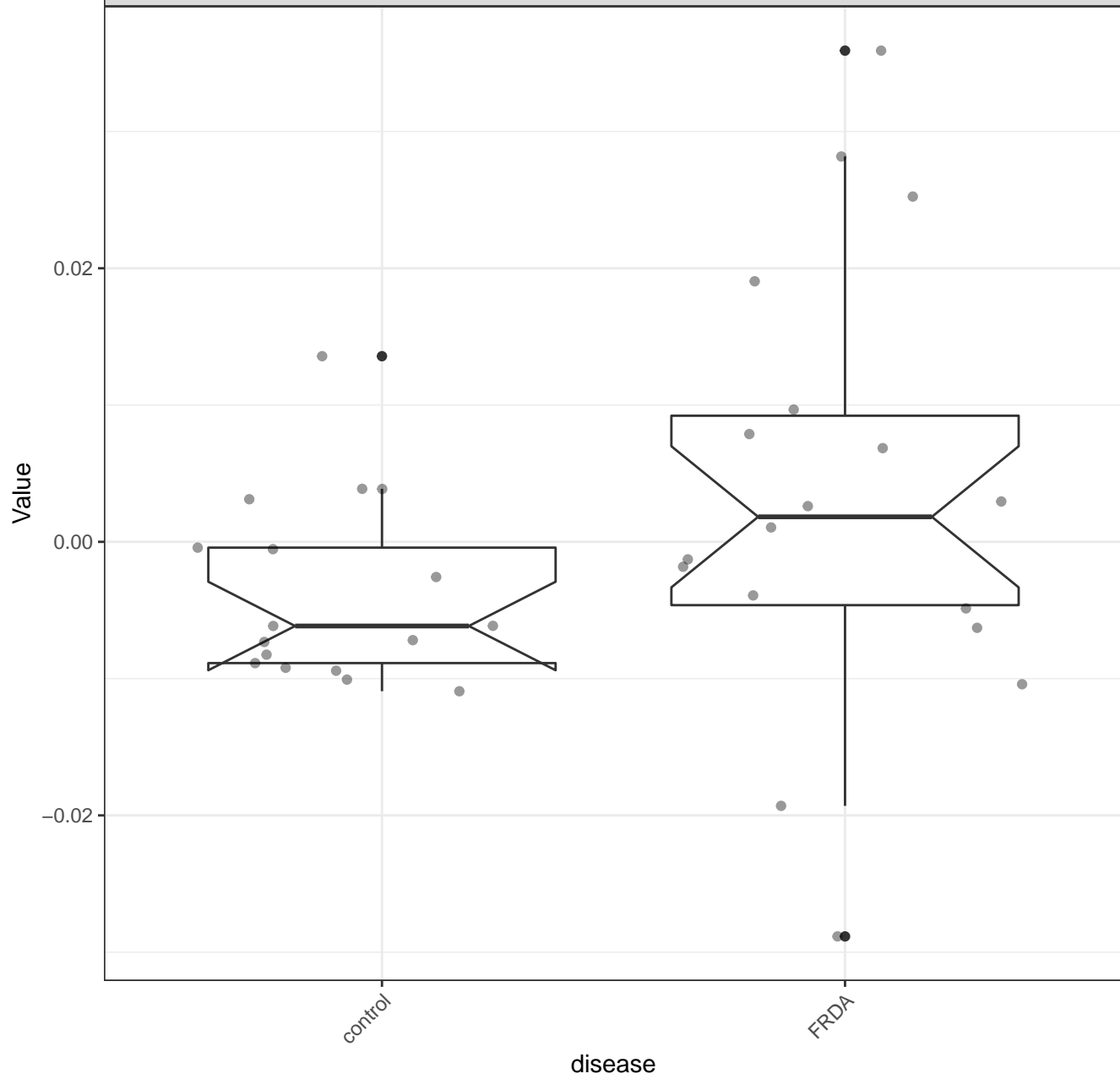
62,IRIS_DendriticCell-Control
-------------------------------

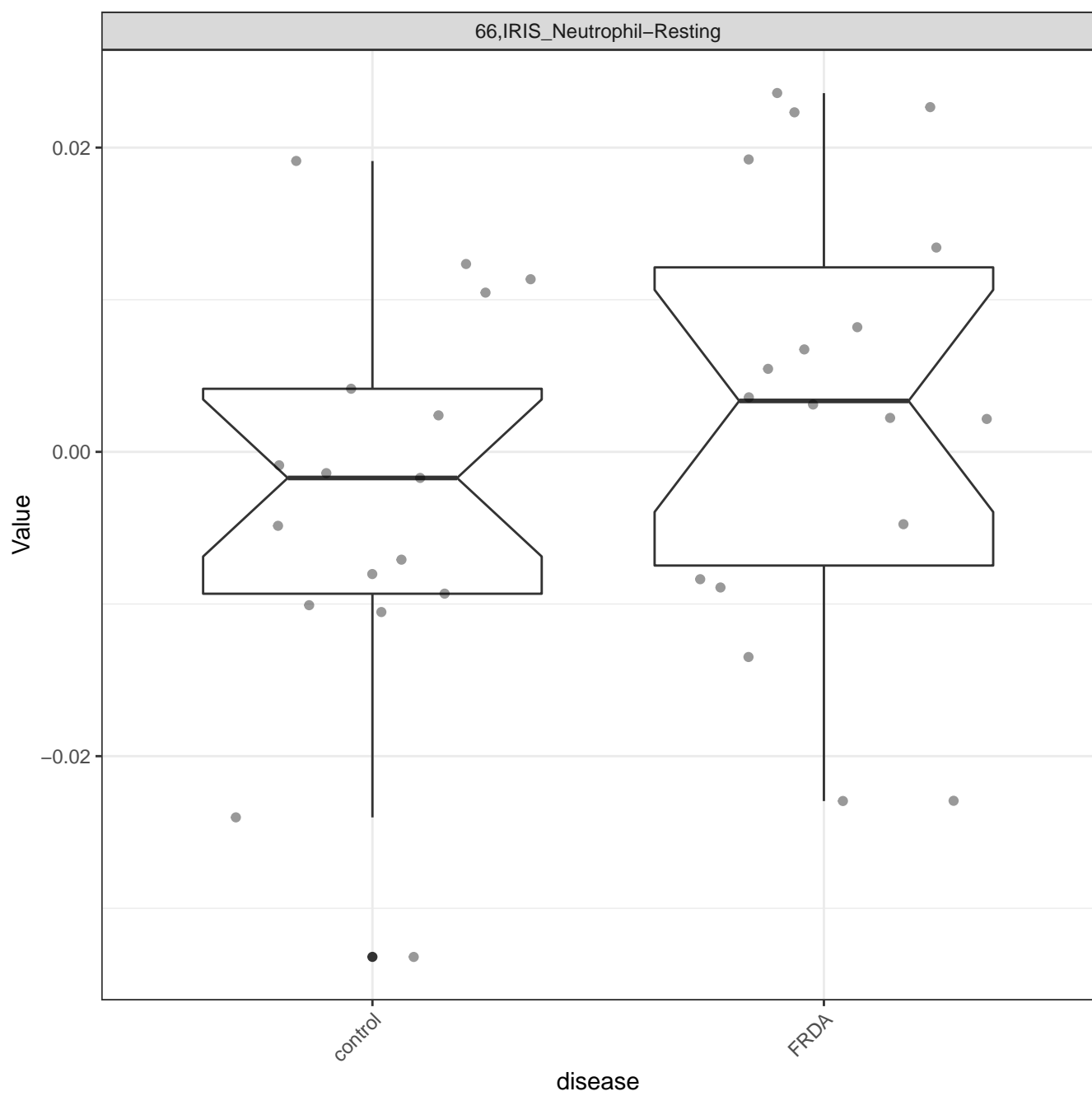


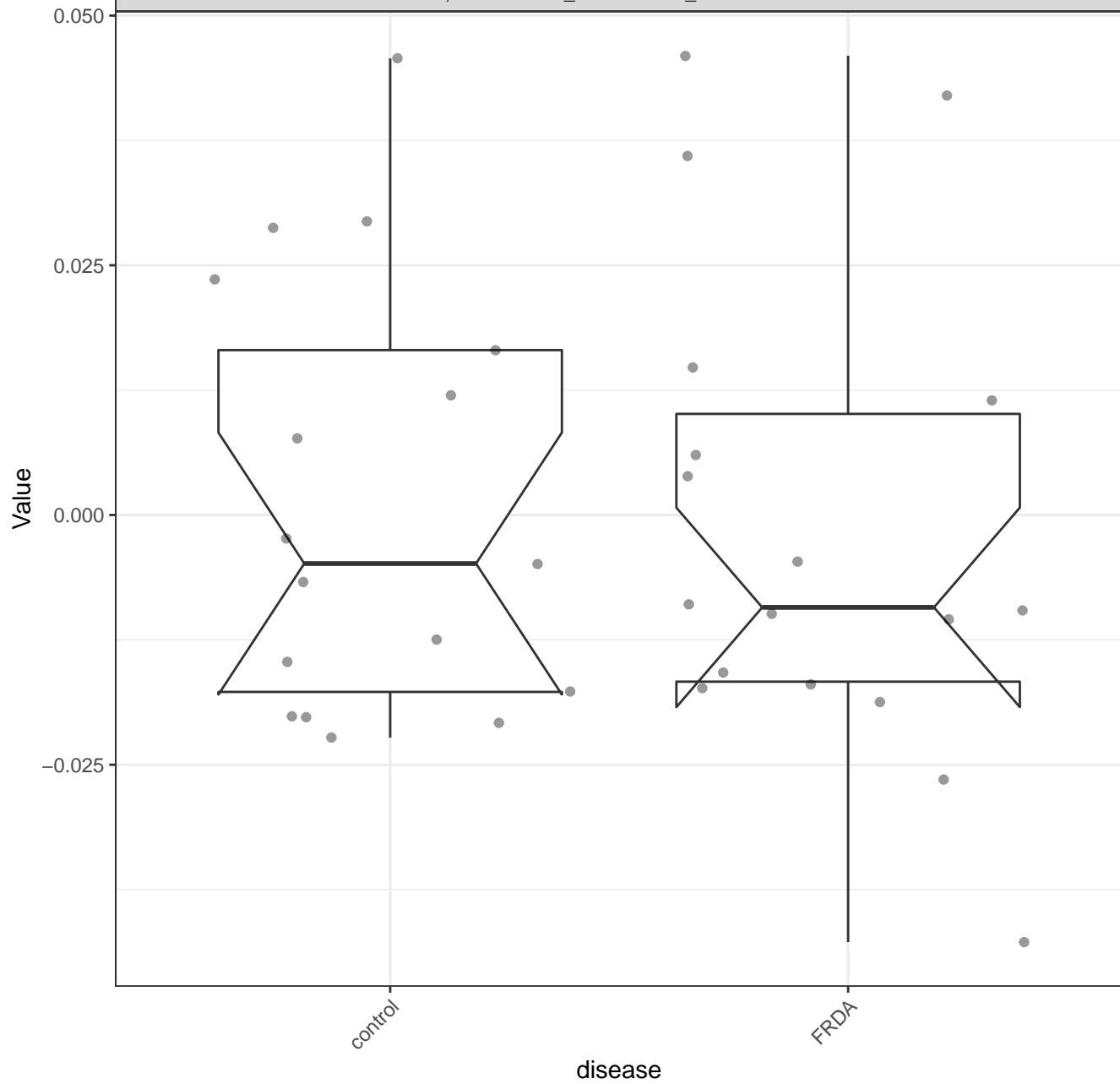


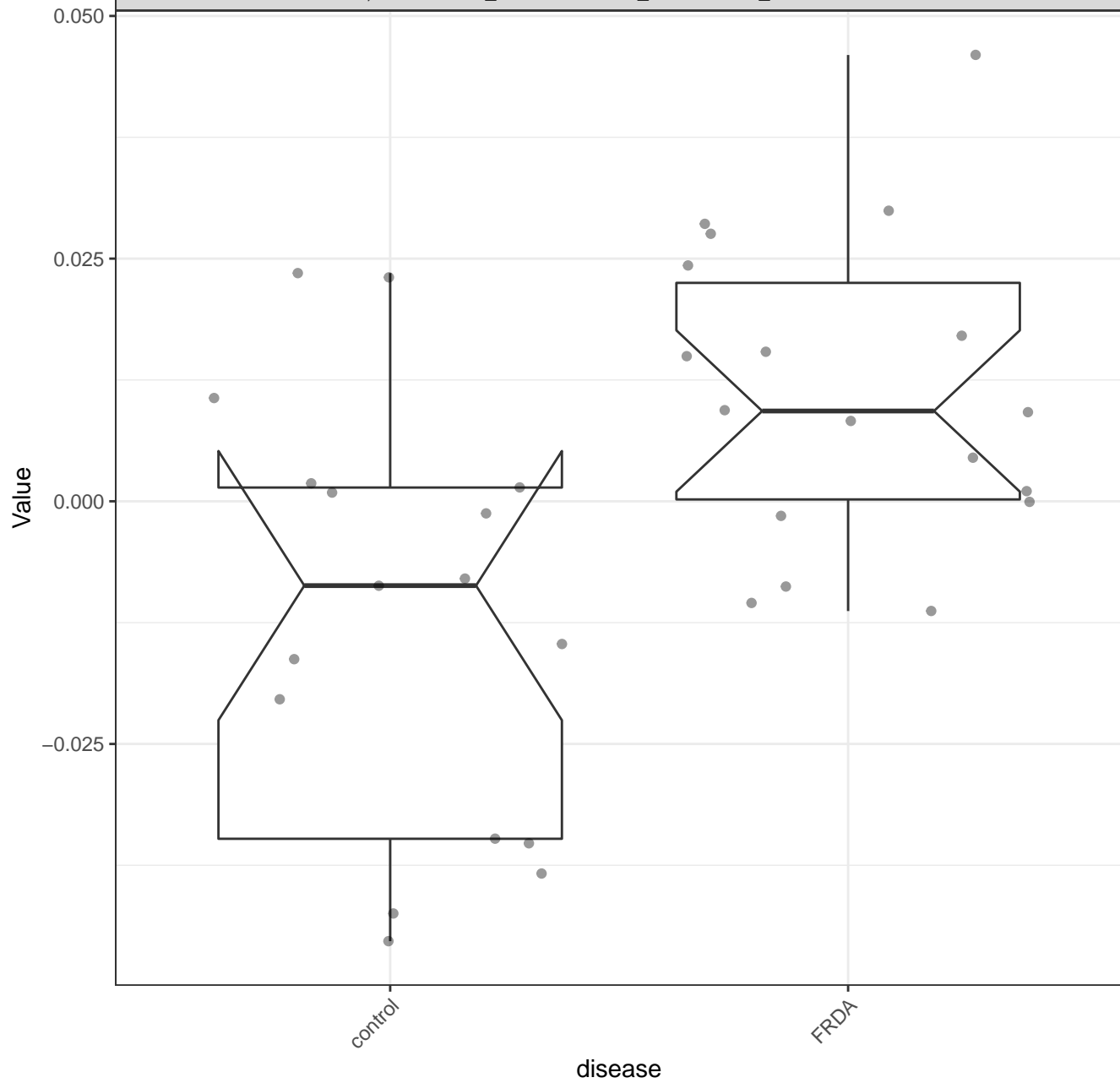


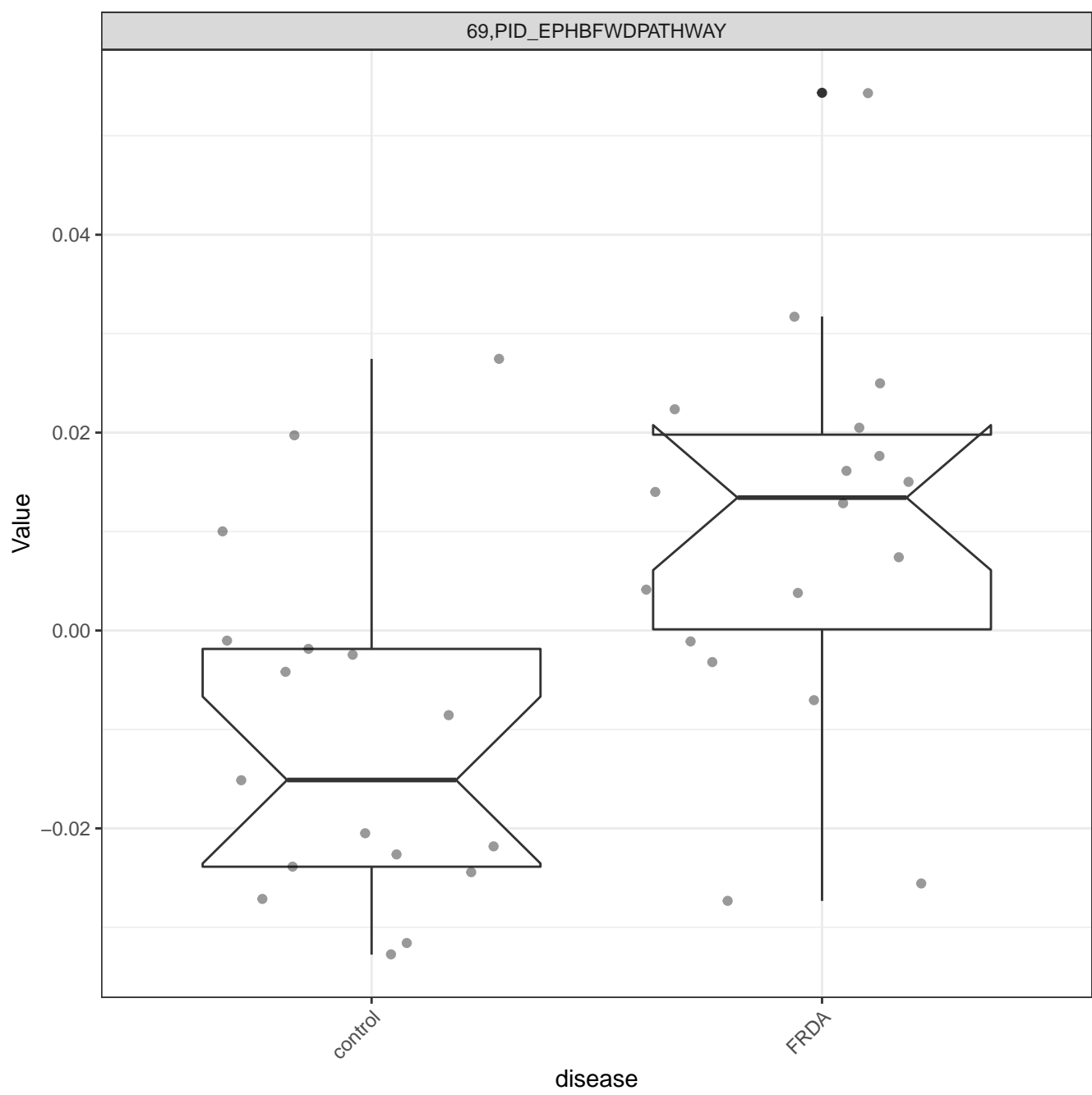


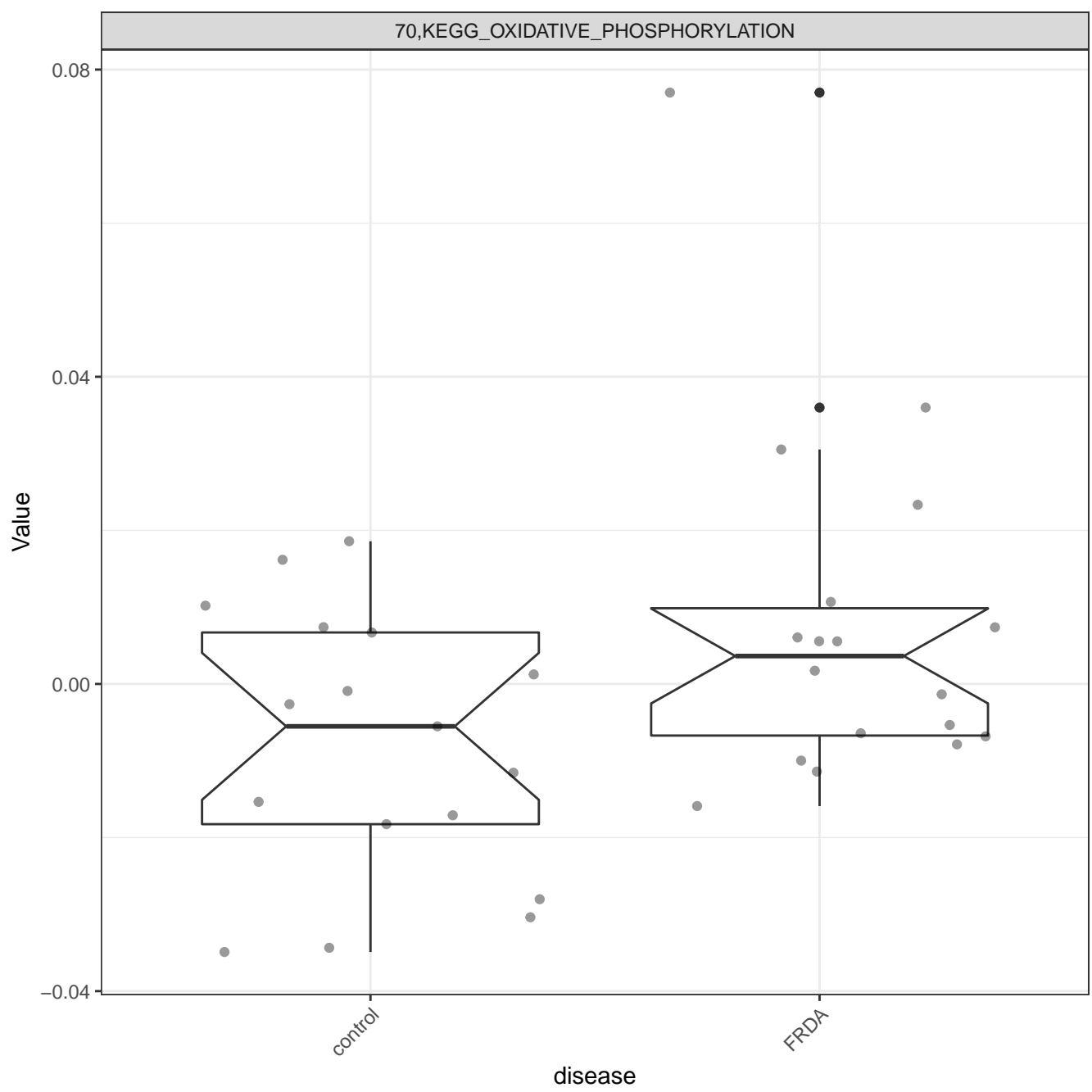


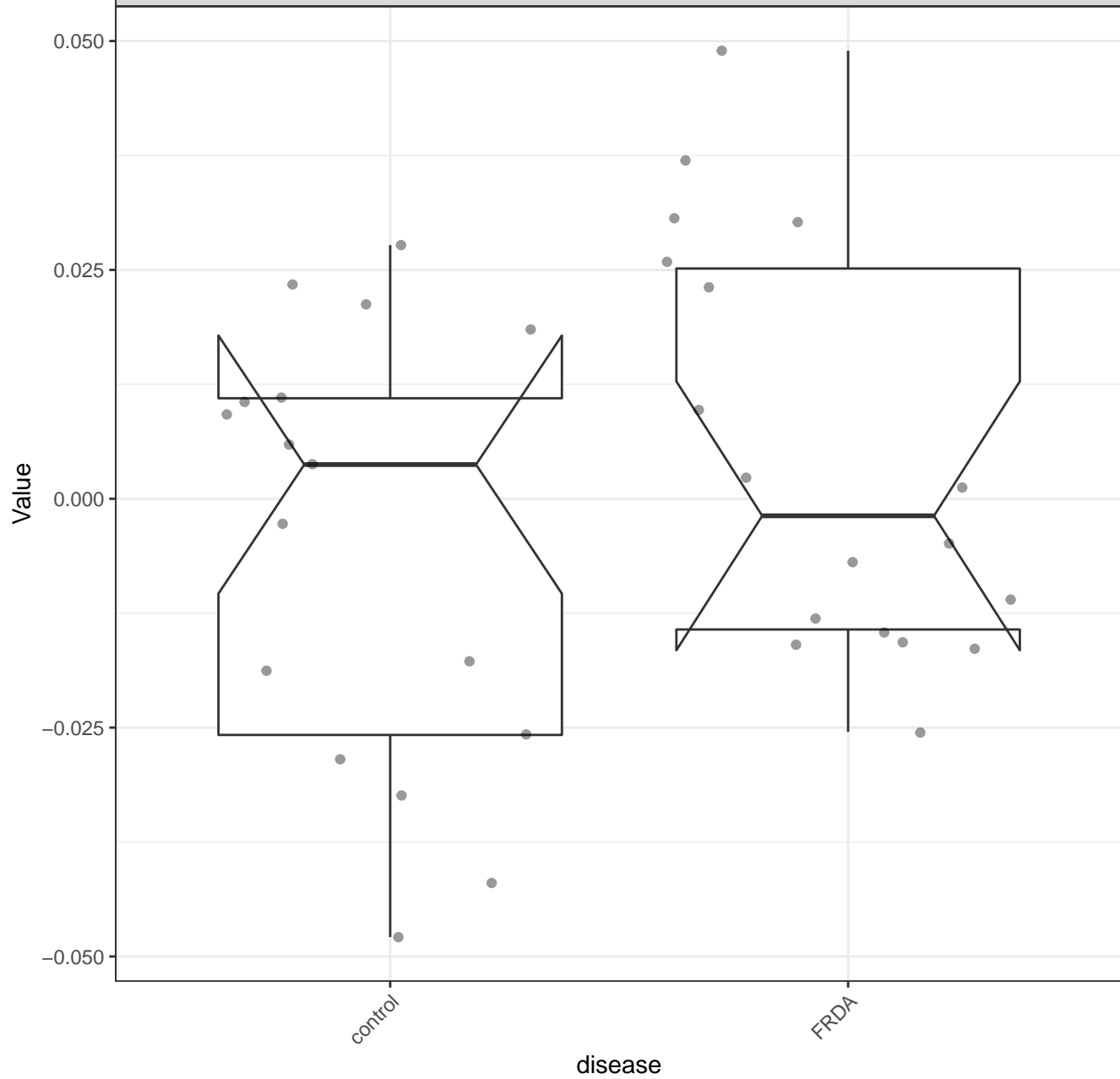


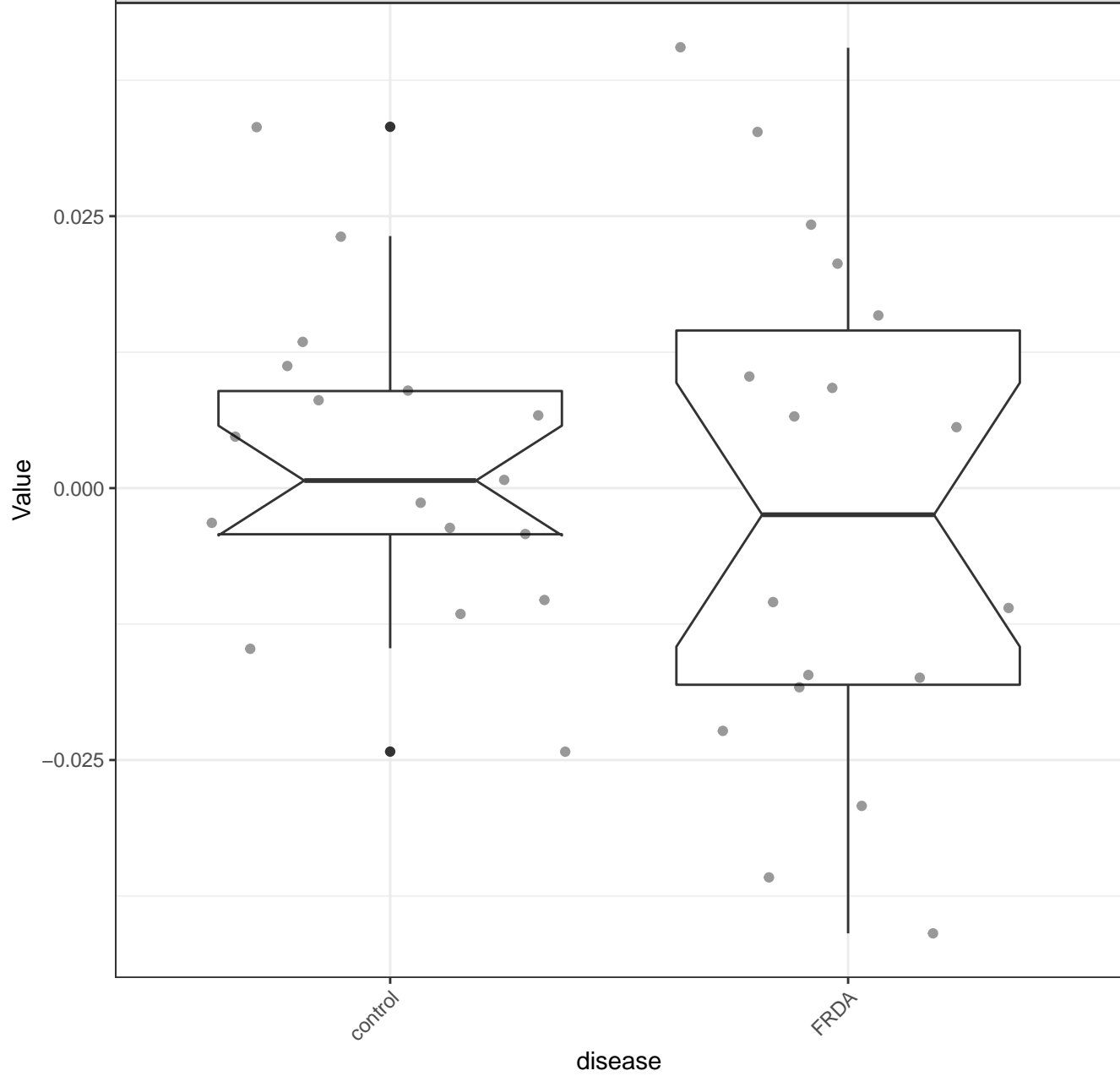














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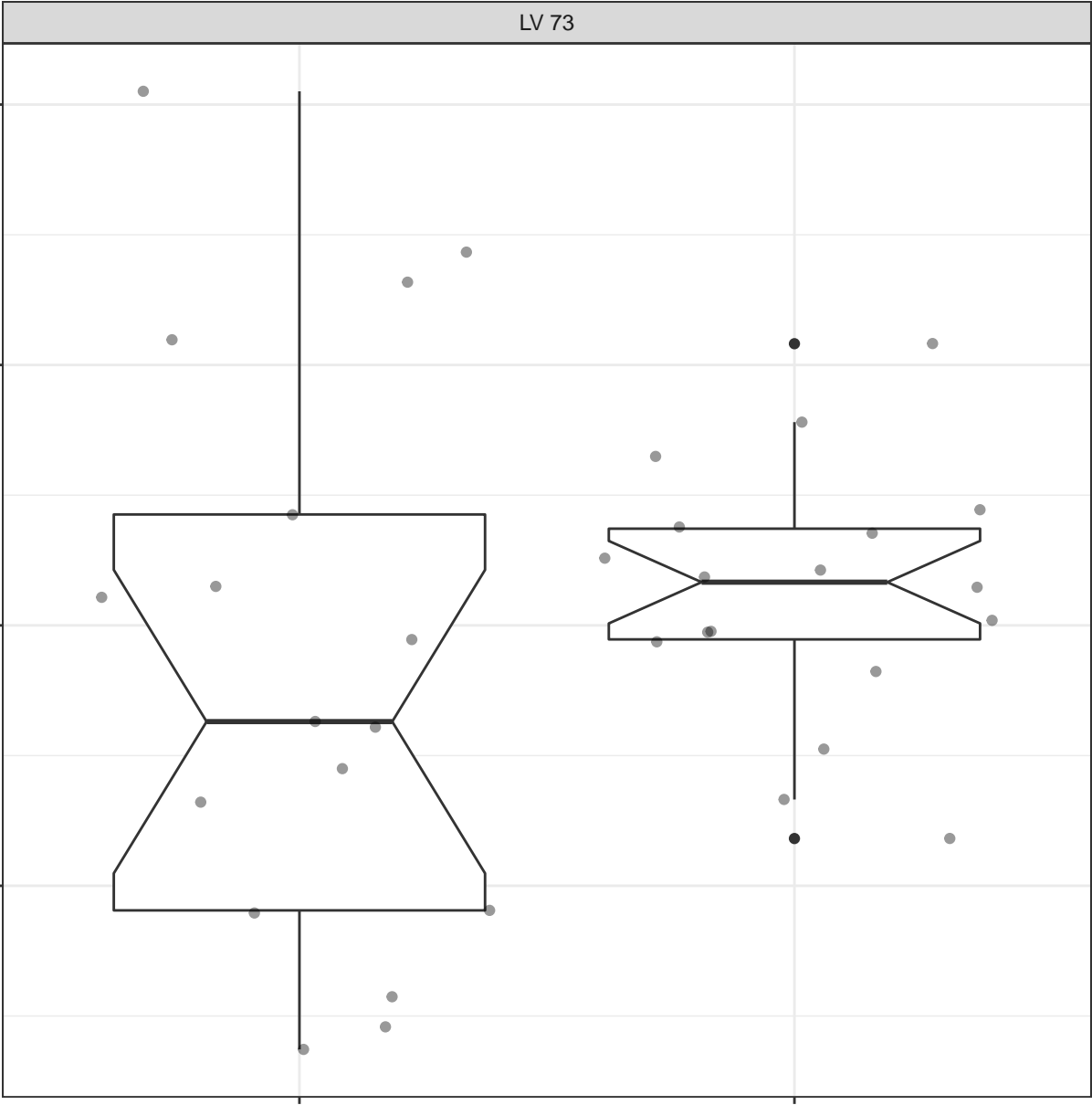
Value

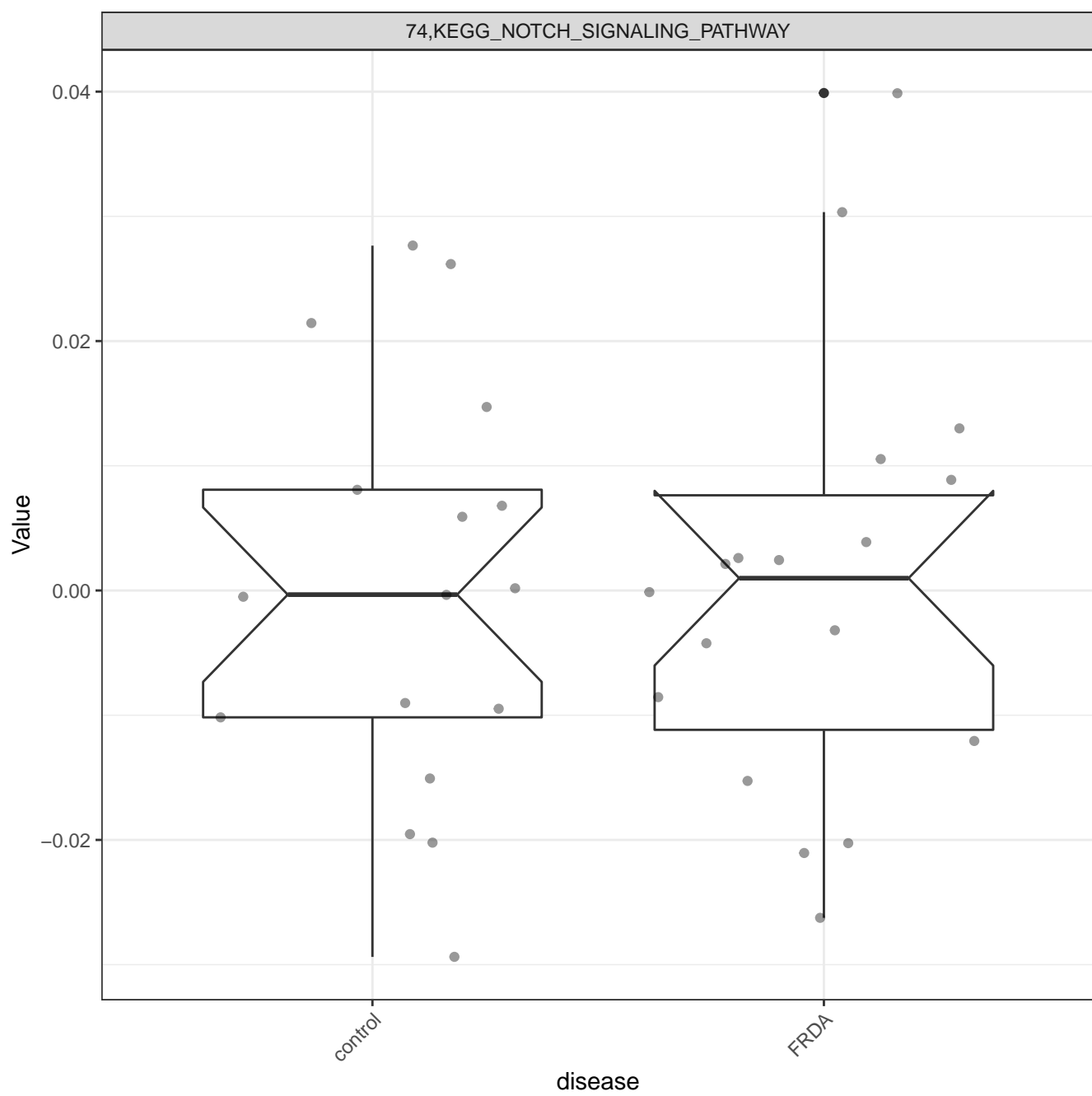
control

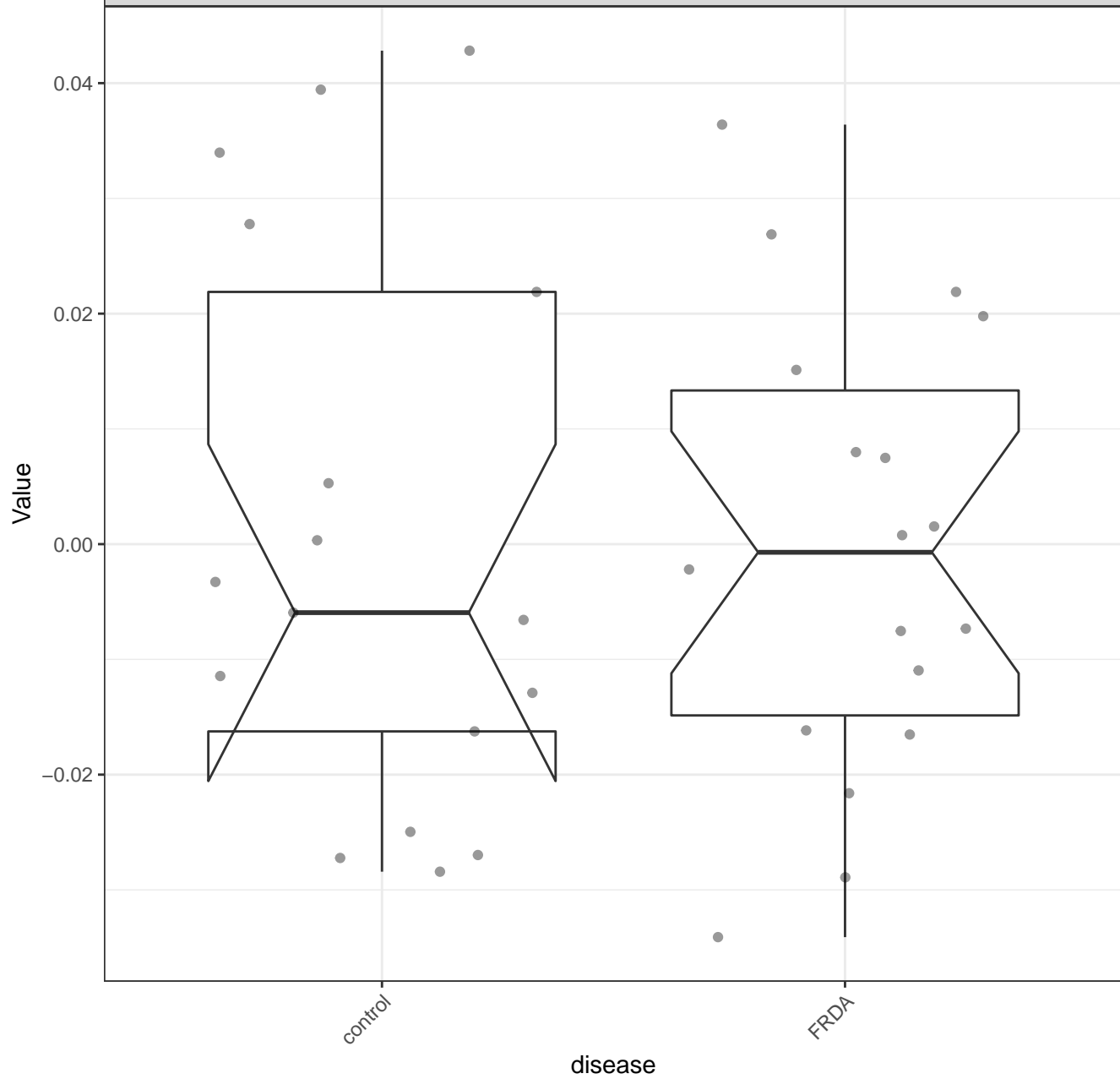
FRDA

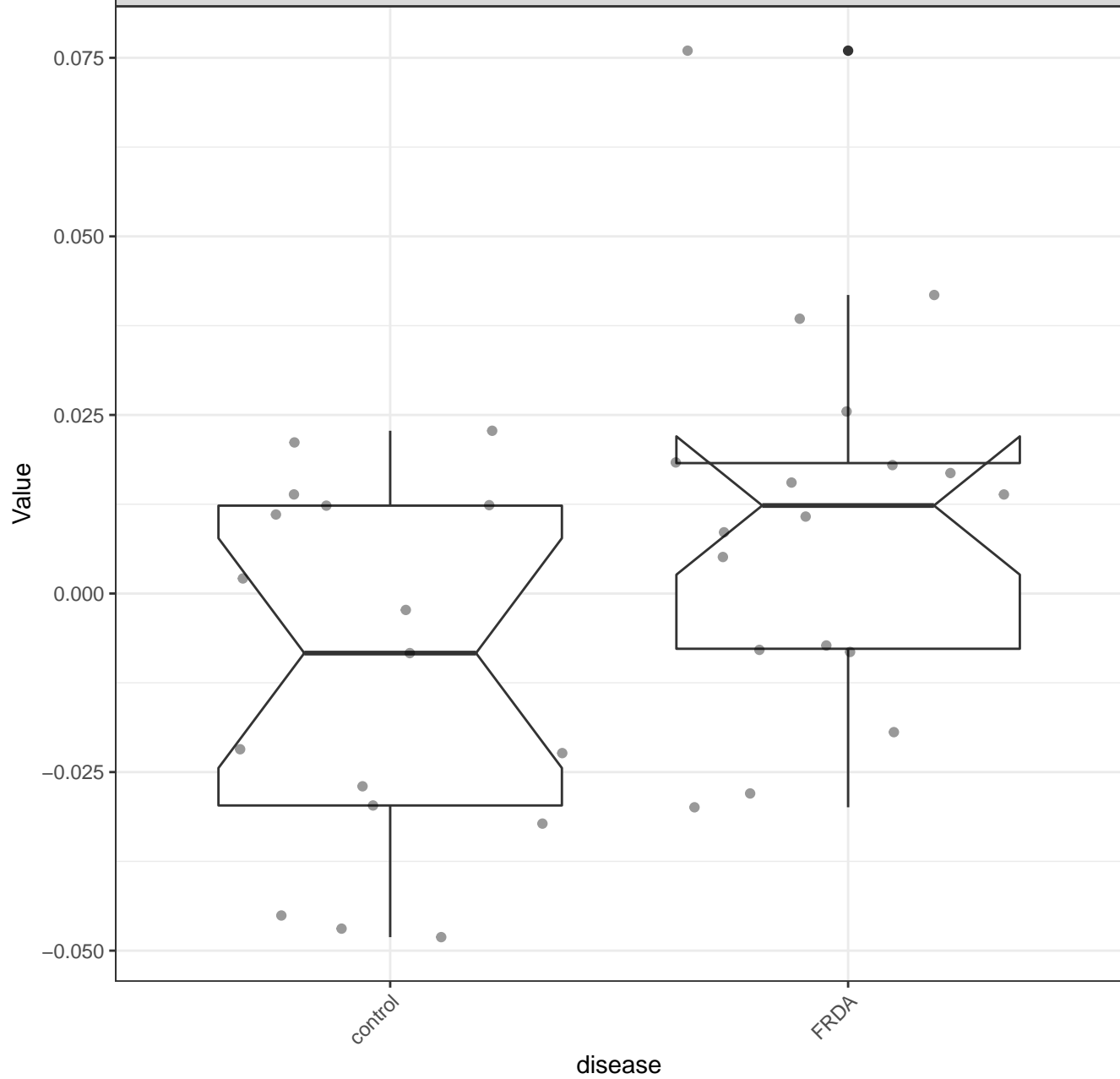
disease

0.050  
0.025  
0.000  
-0.025









Value

0.04

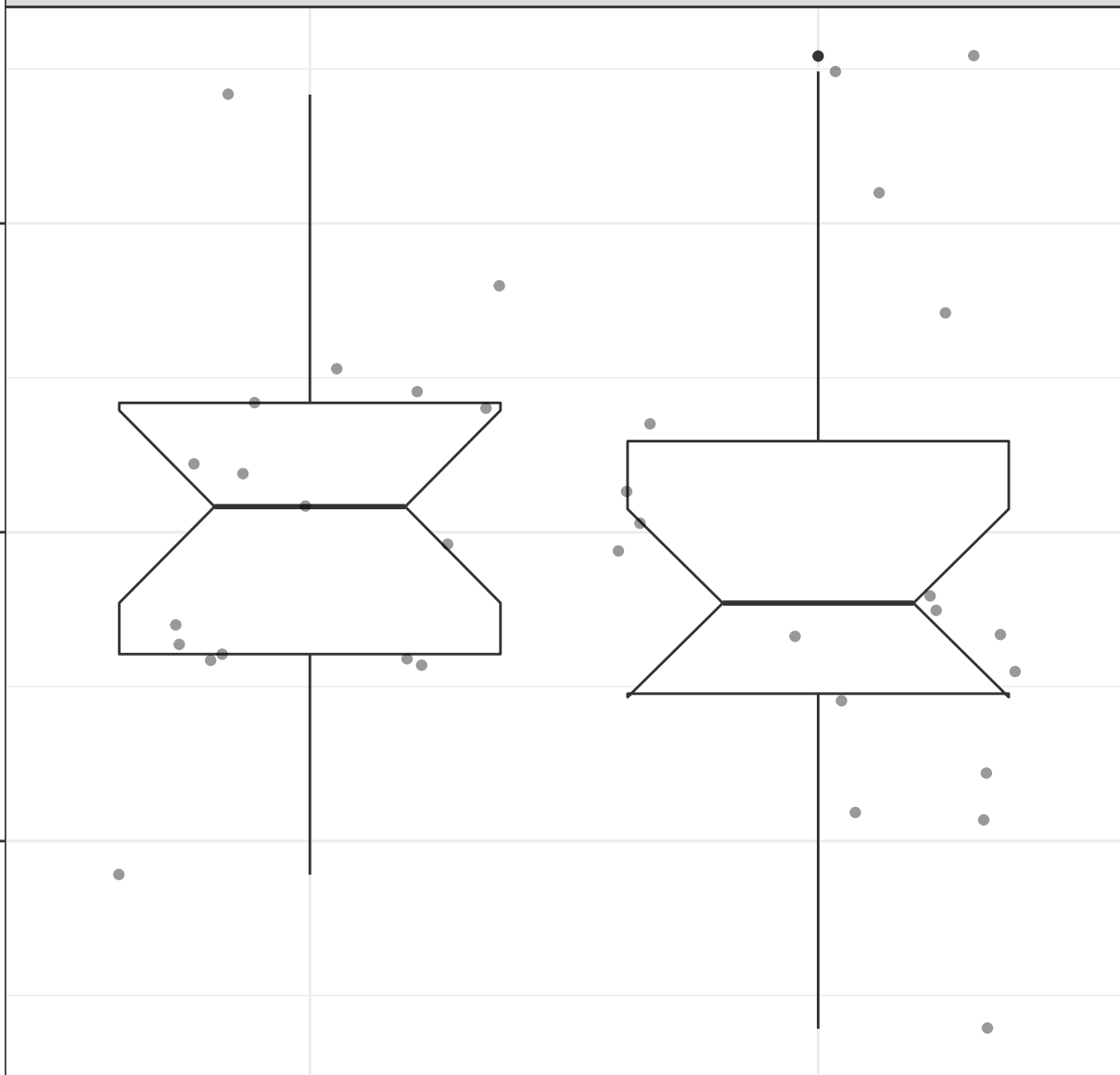
0.00

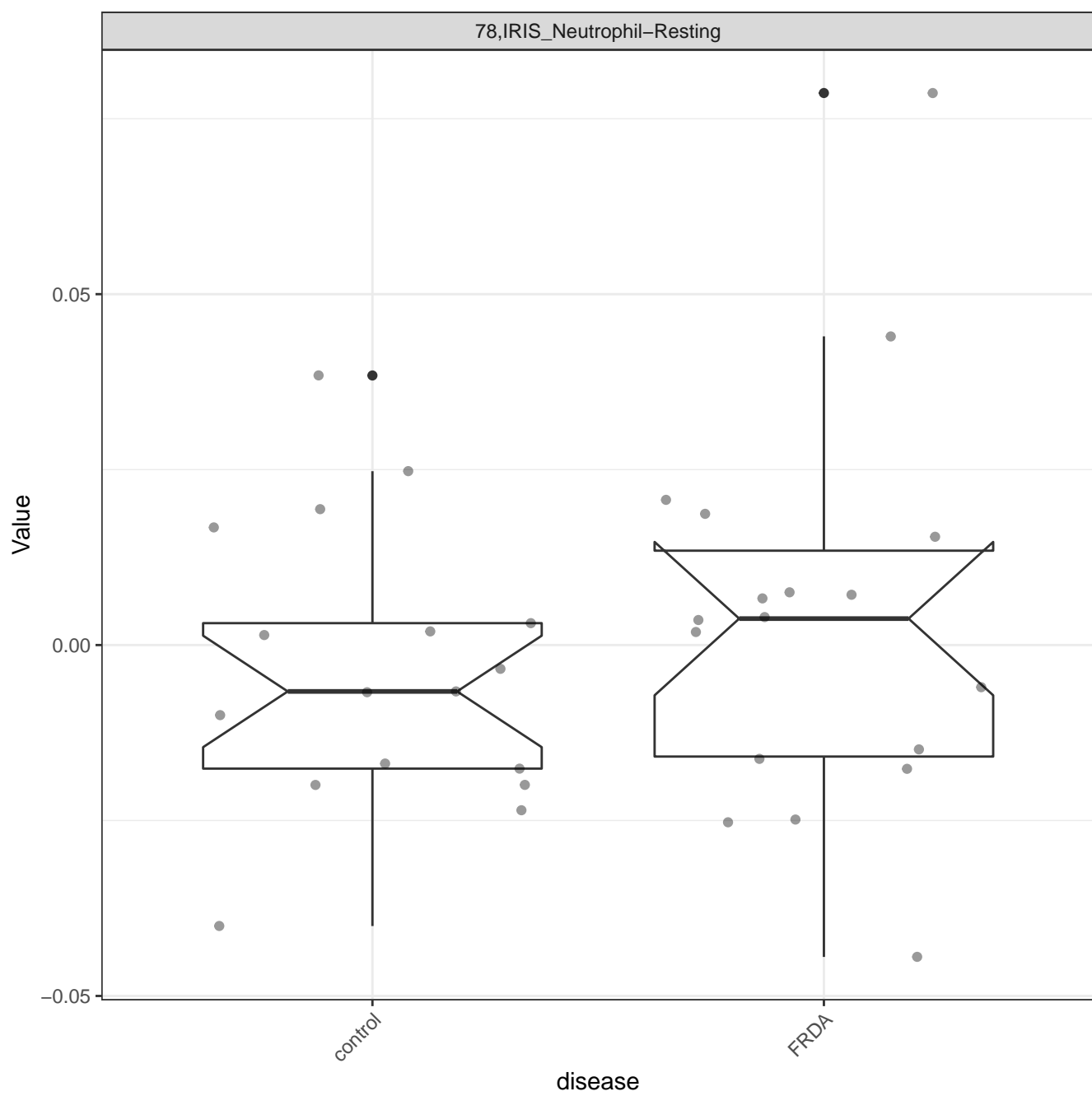
-0.04

control

disease

FRDA







control

FRDA

disease

Value

0.05

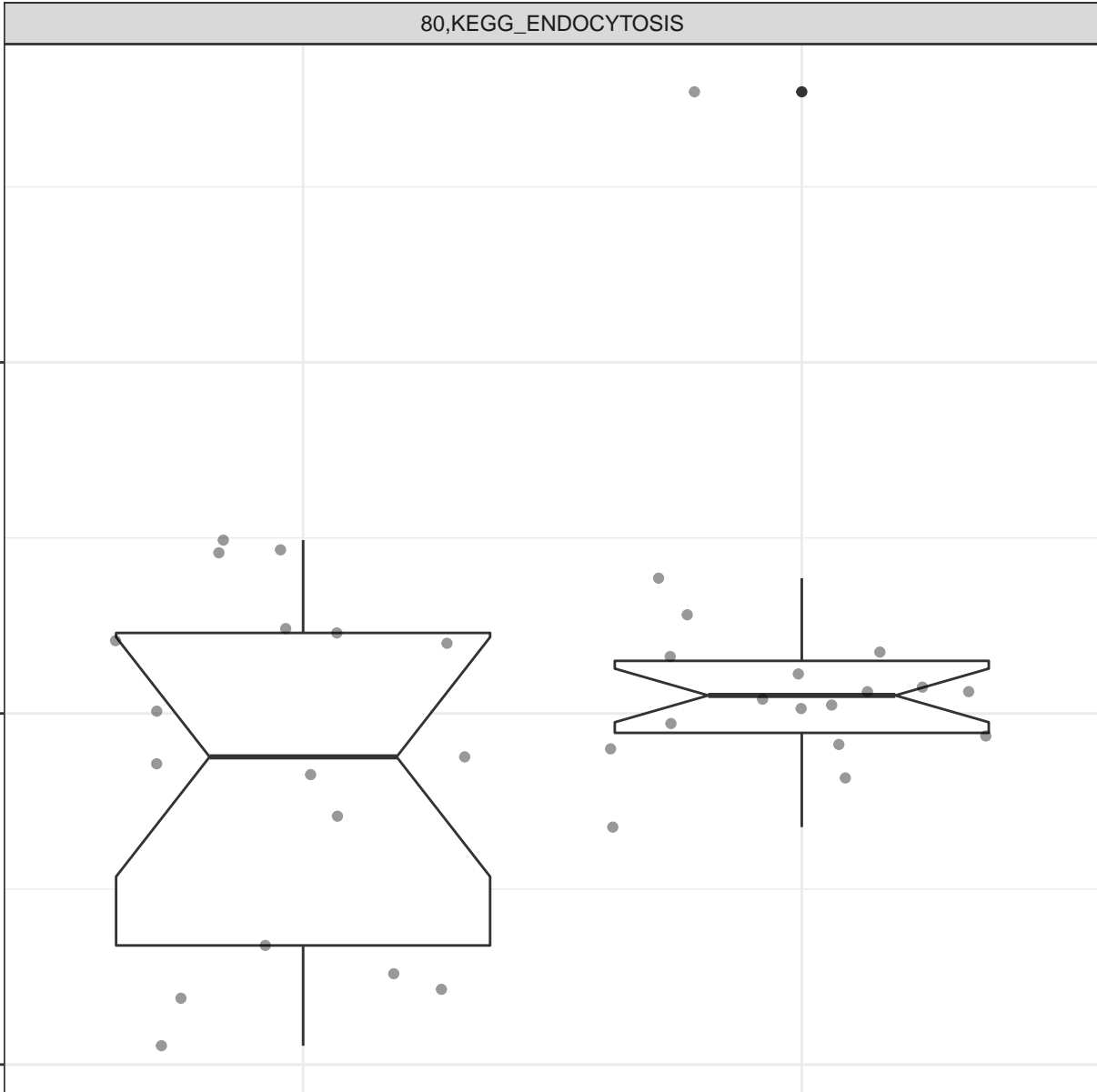
0.00

-0.05

control

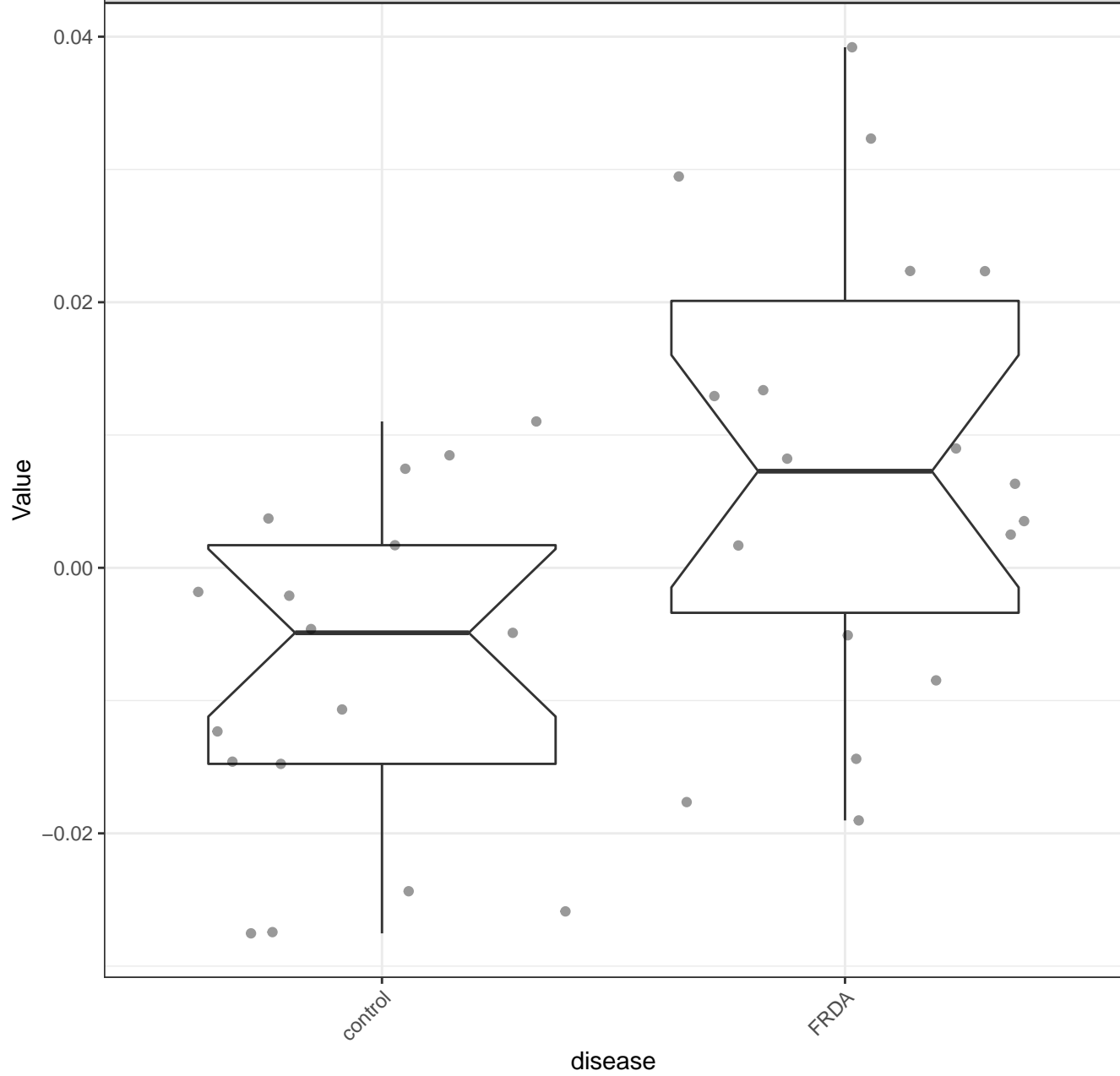
FRDA

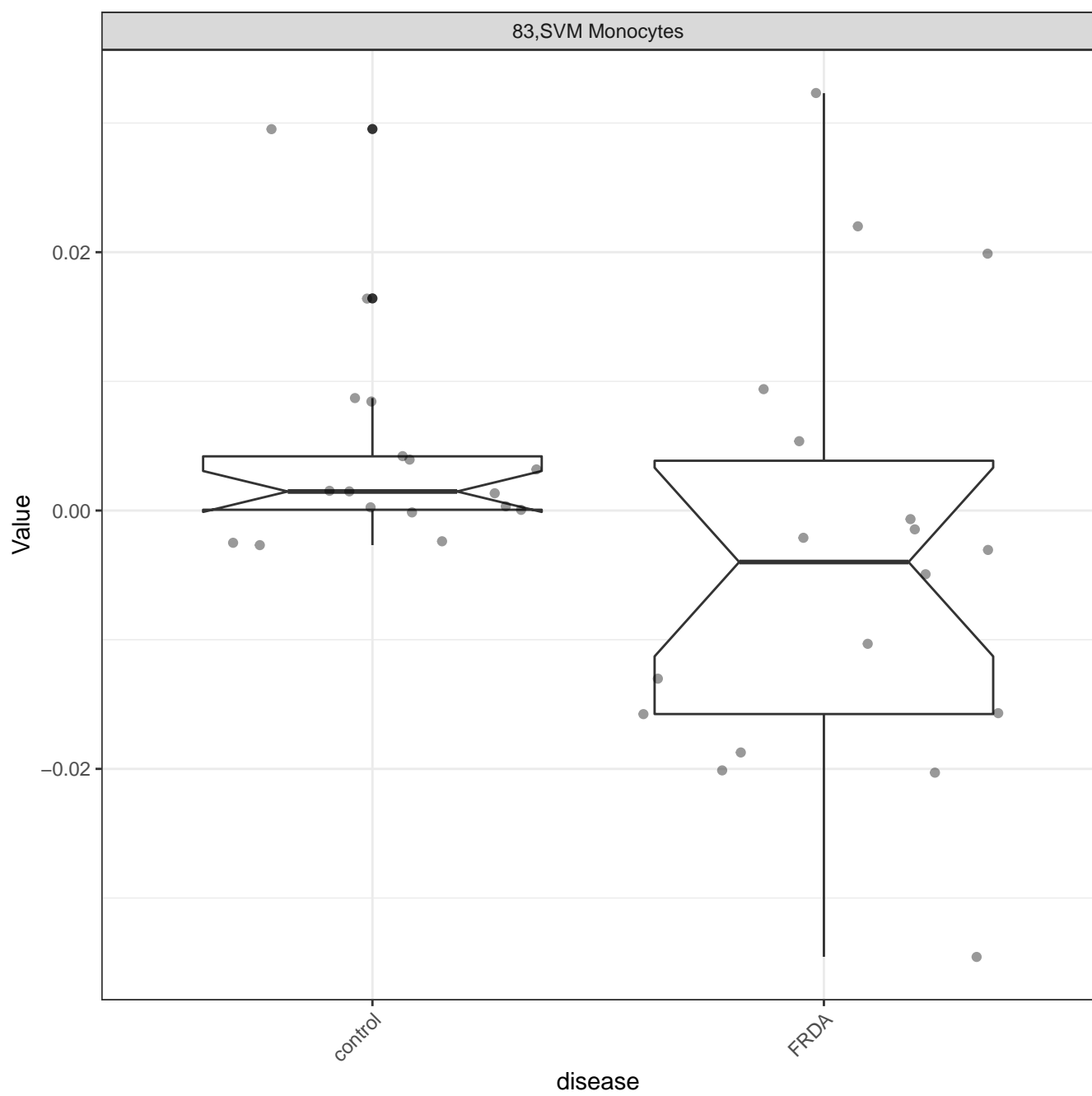
disease

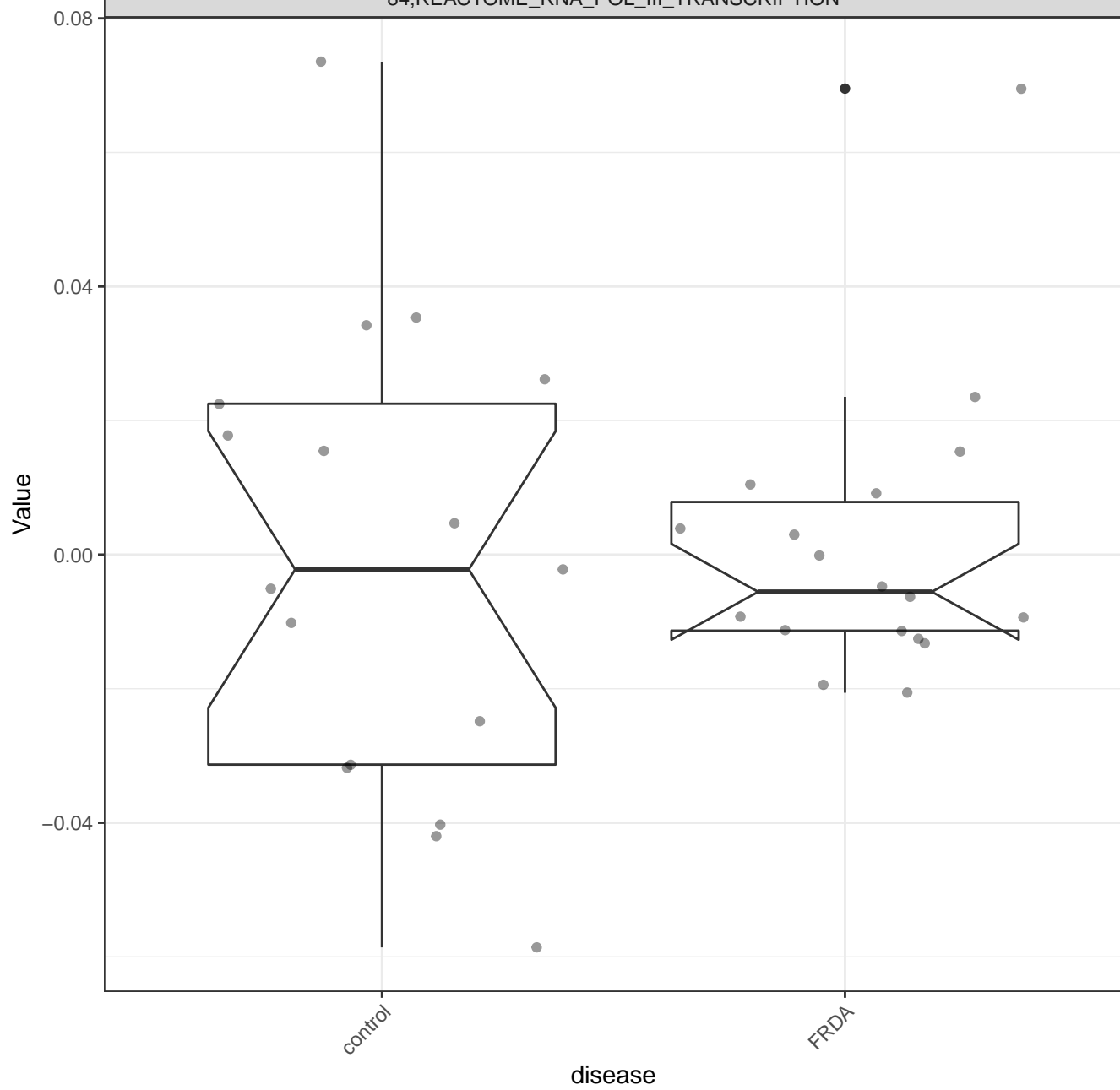


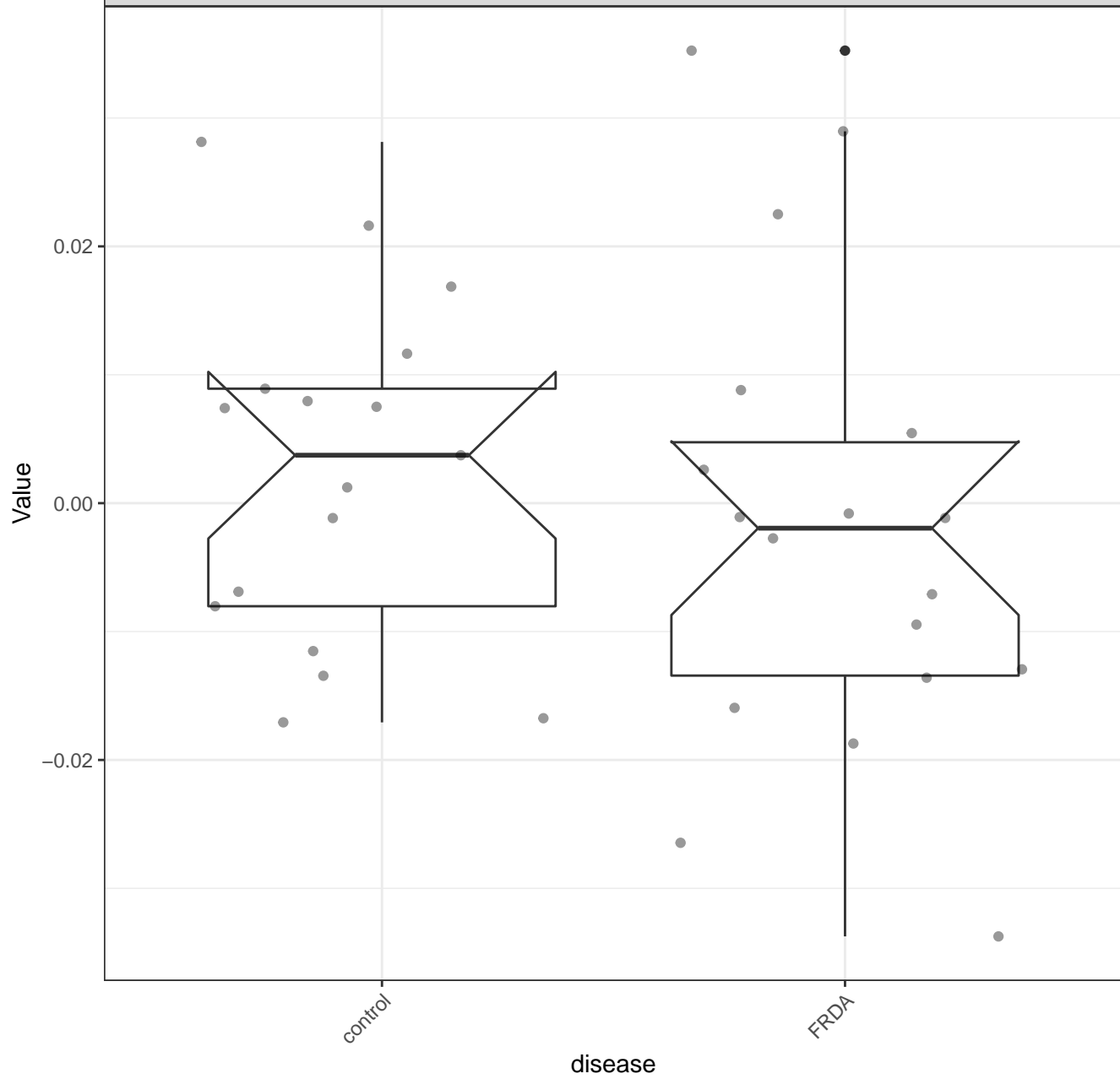


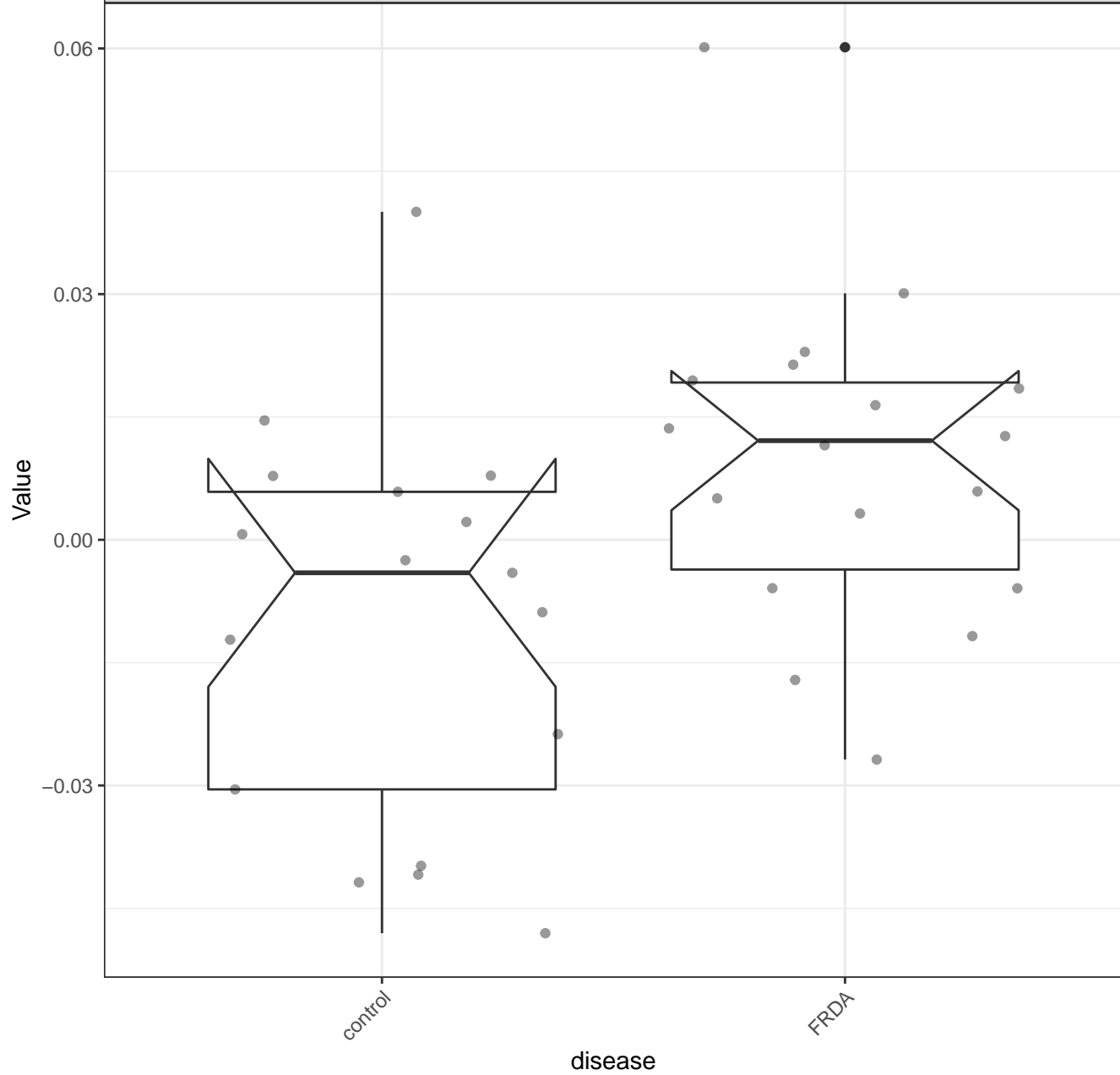












Value

0.04

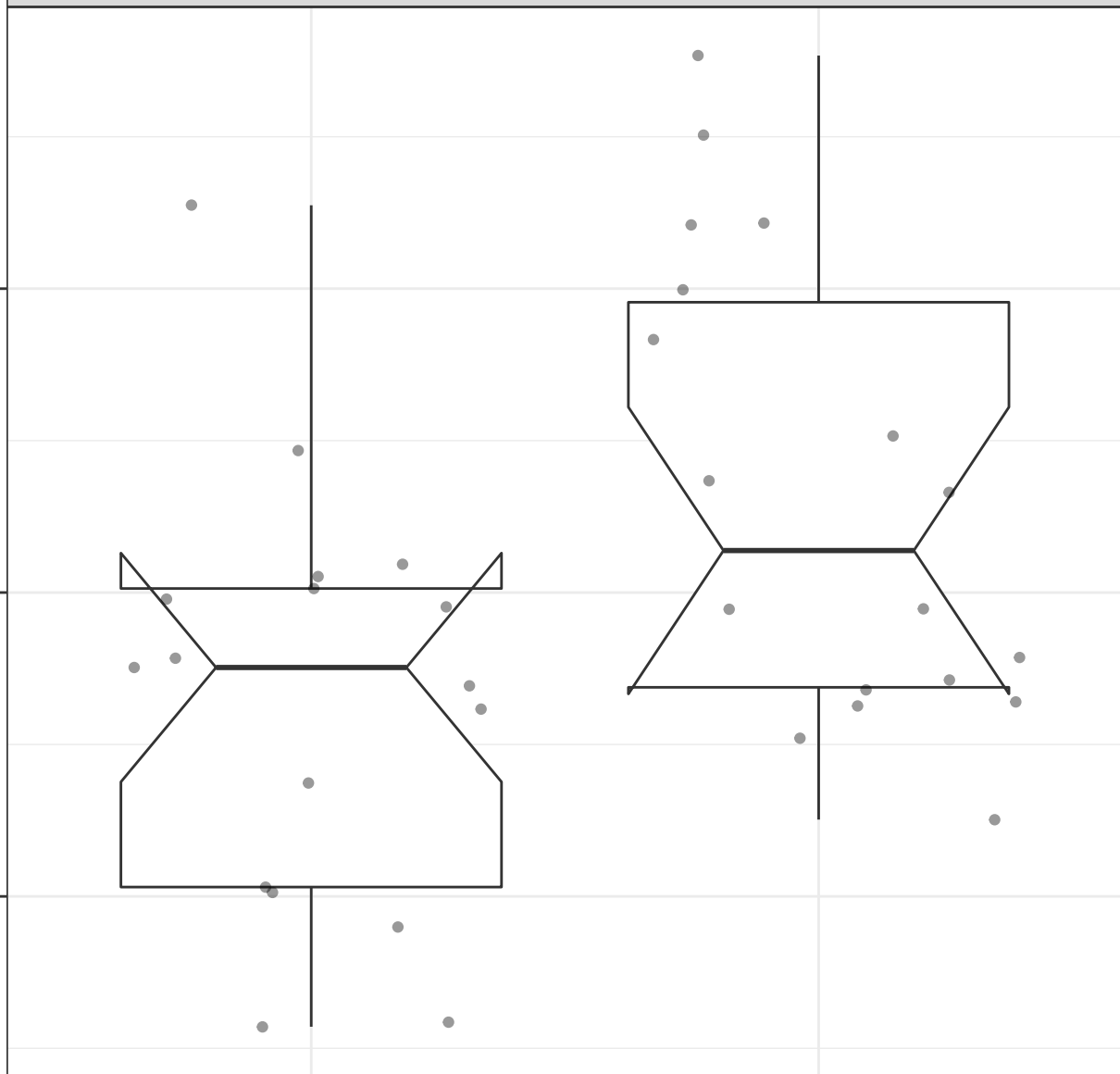
0.00

-0.04

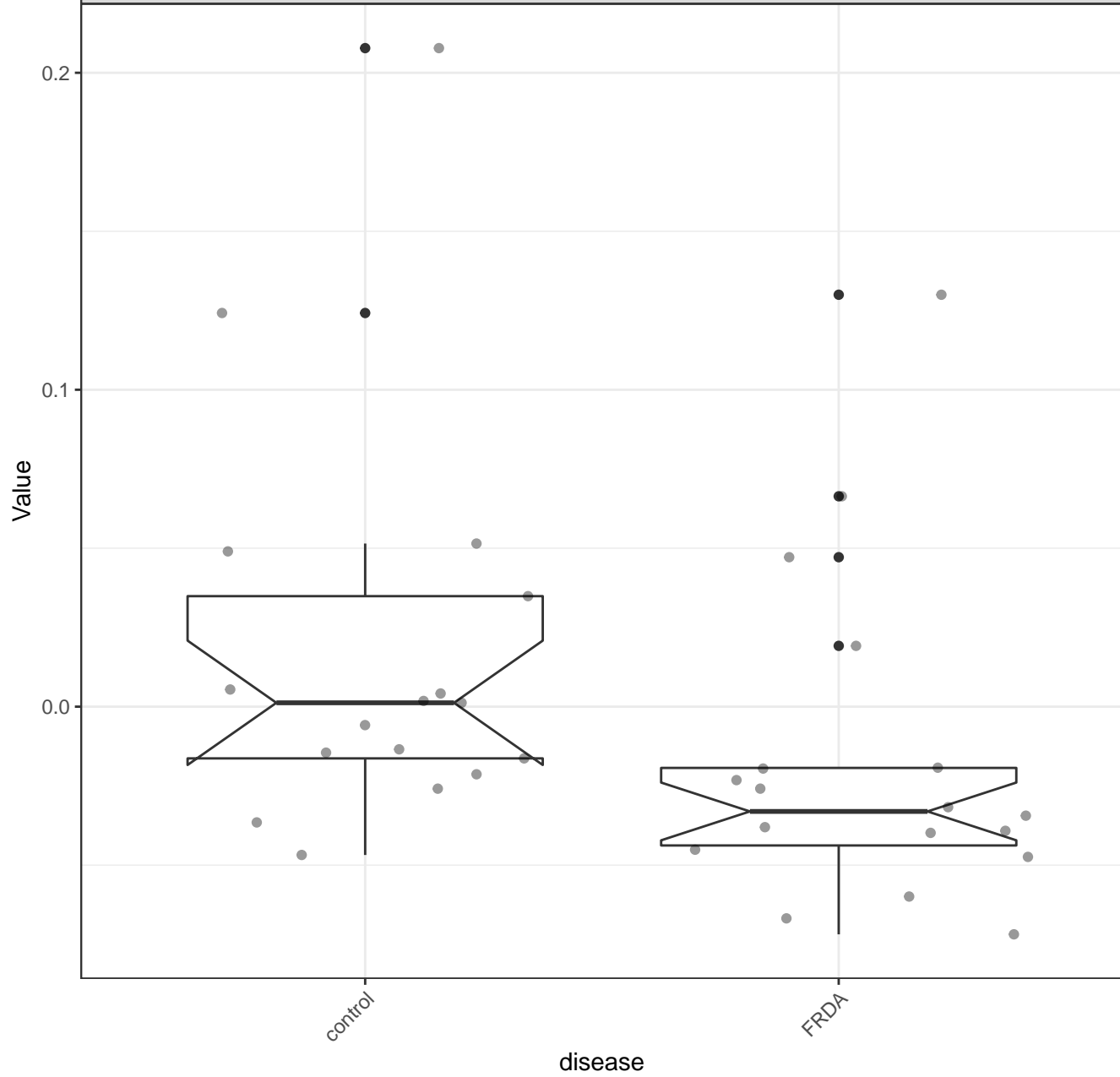
control

FRDA

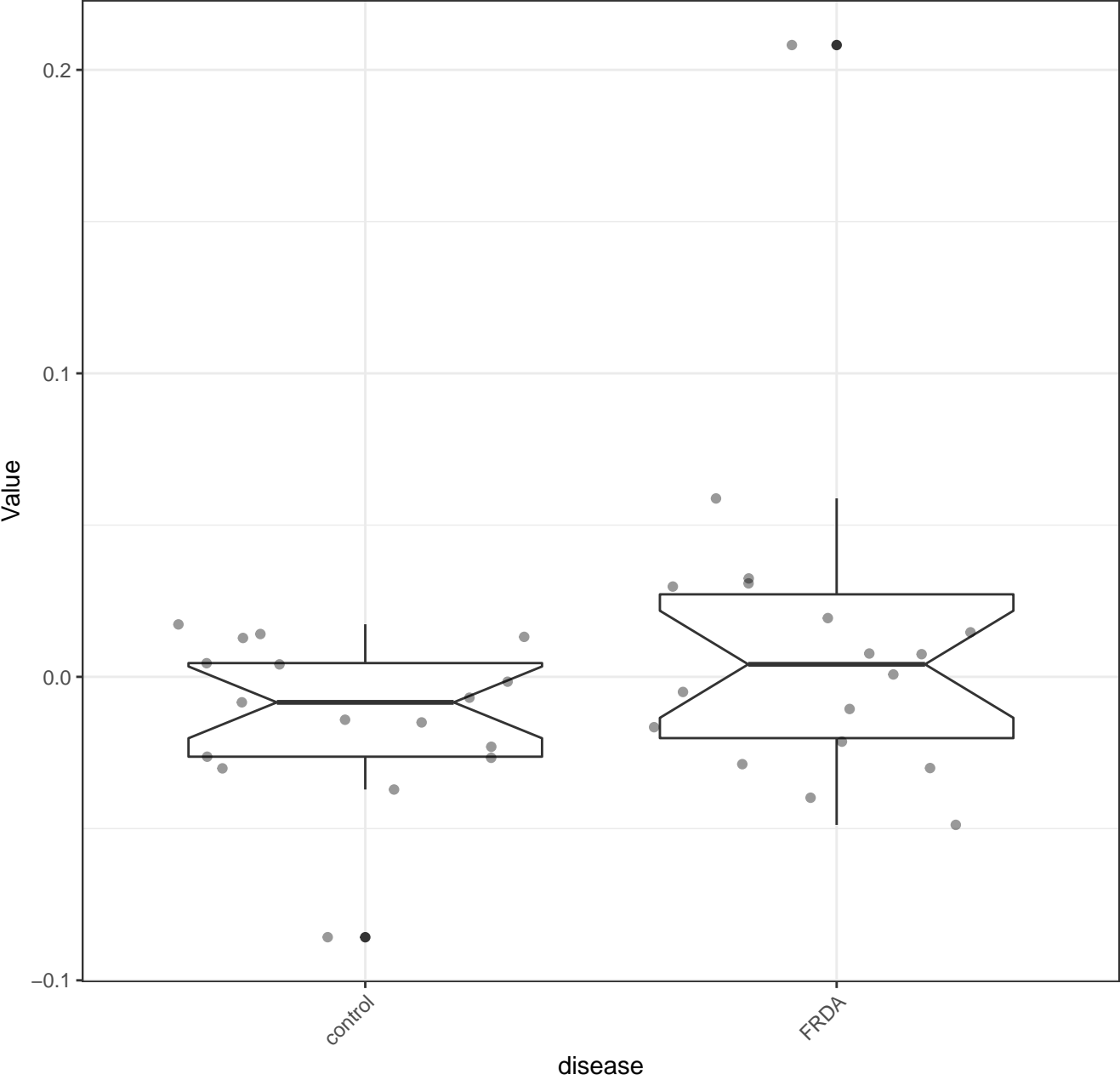
disease

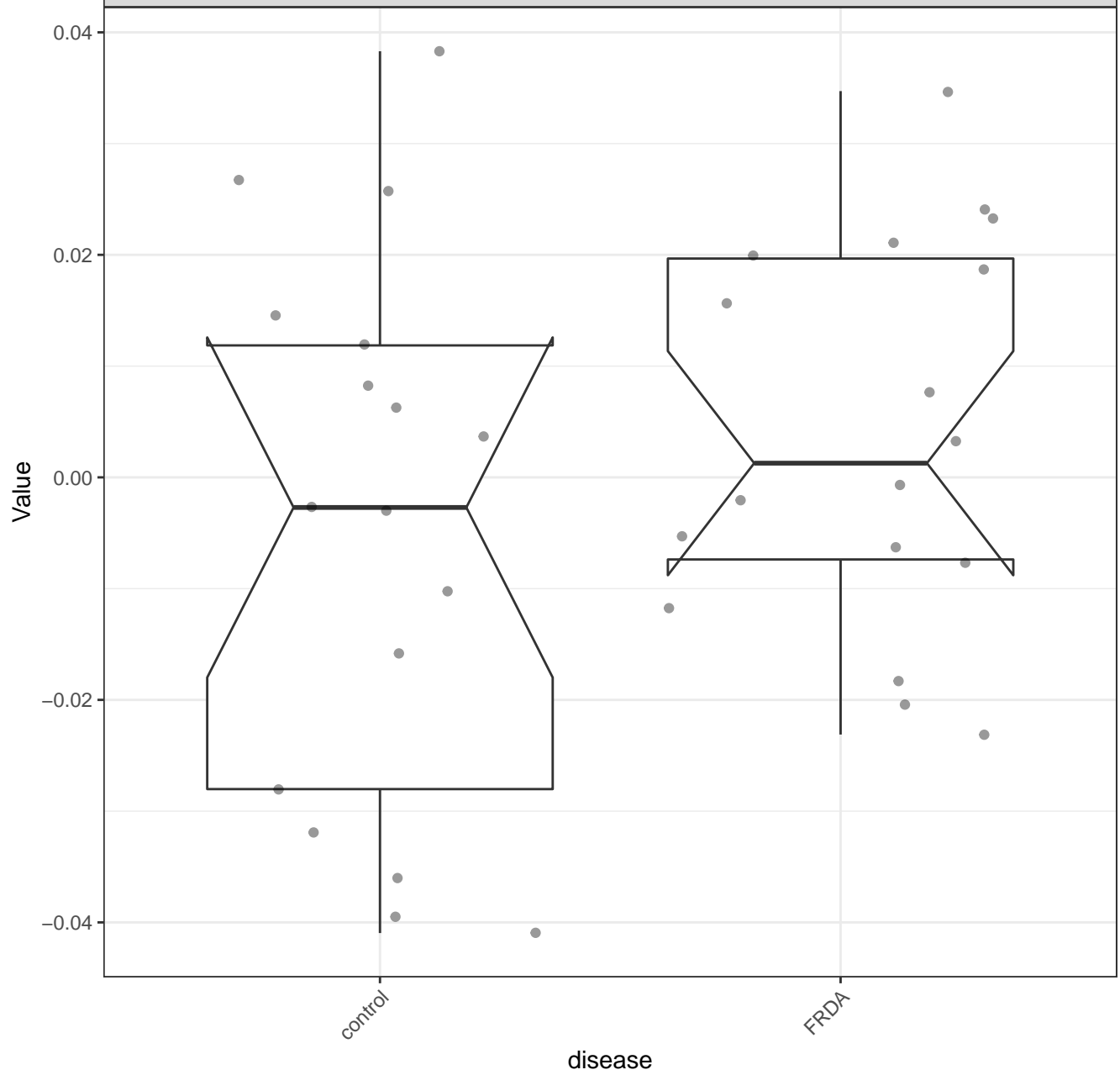


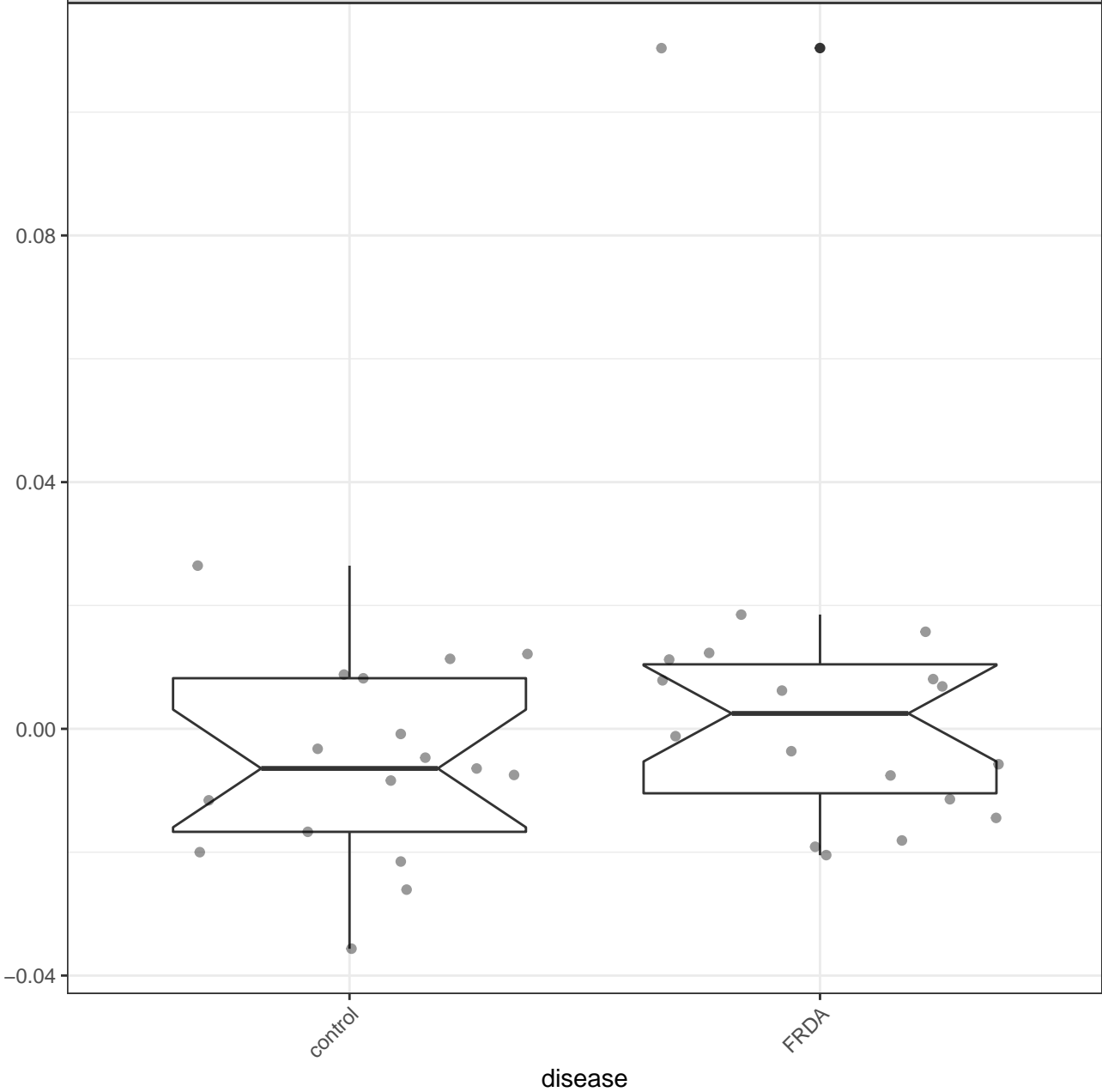
88,REACTOME\_MUSCLE\_CONTRACTION











Value

0.05

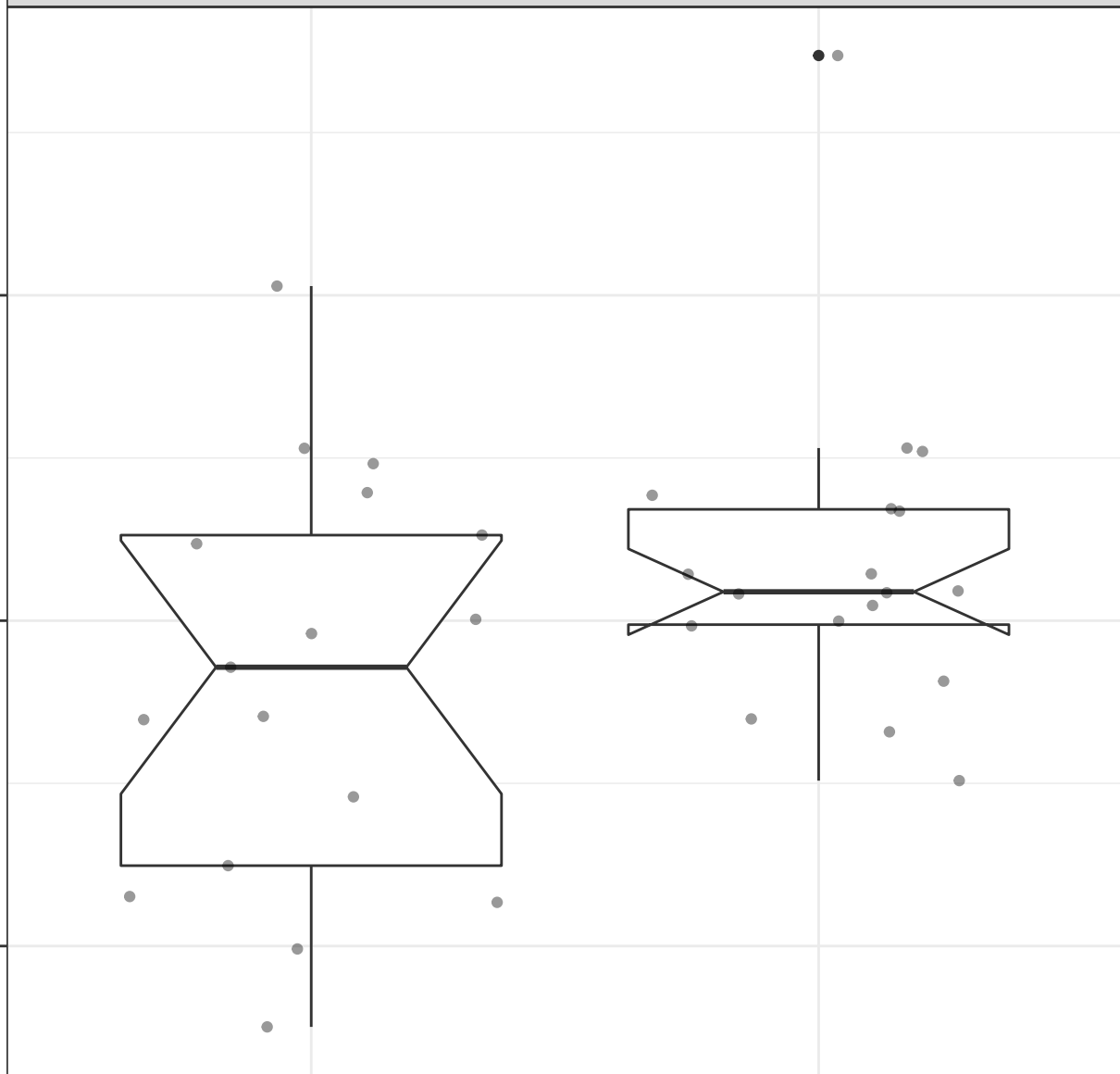
0.00

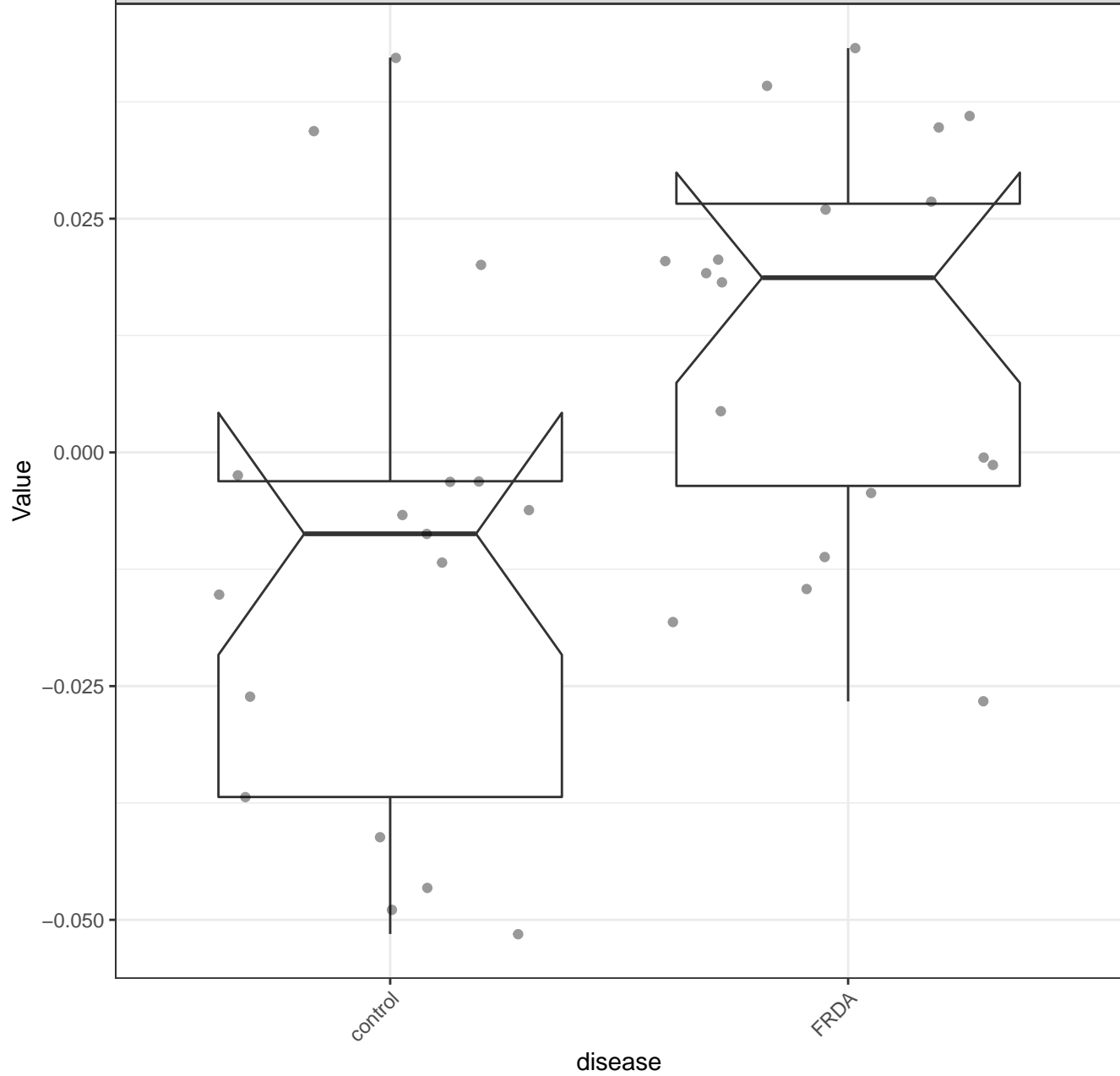
-0.05

control

disease

FRDA





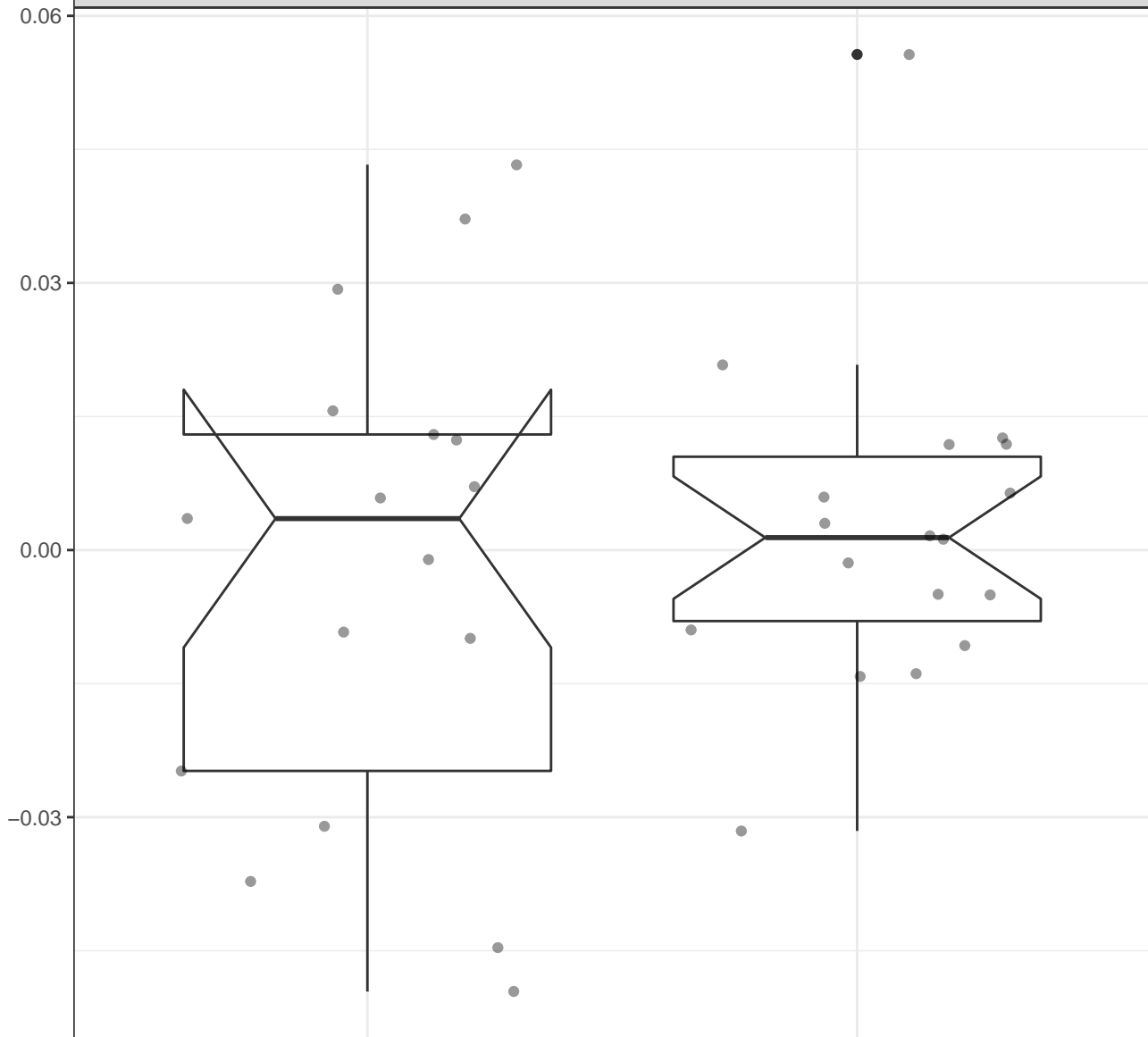
LV 94

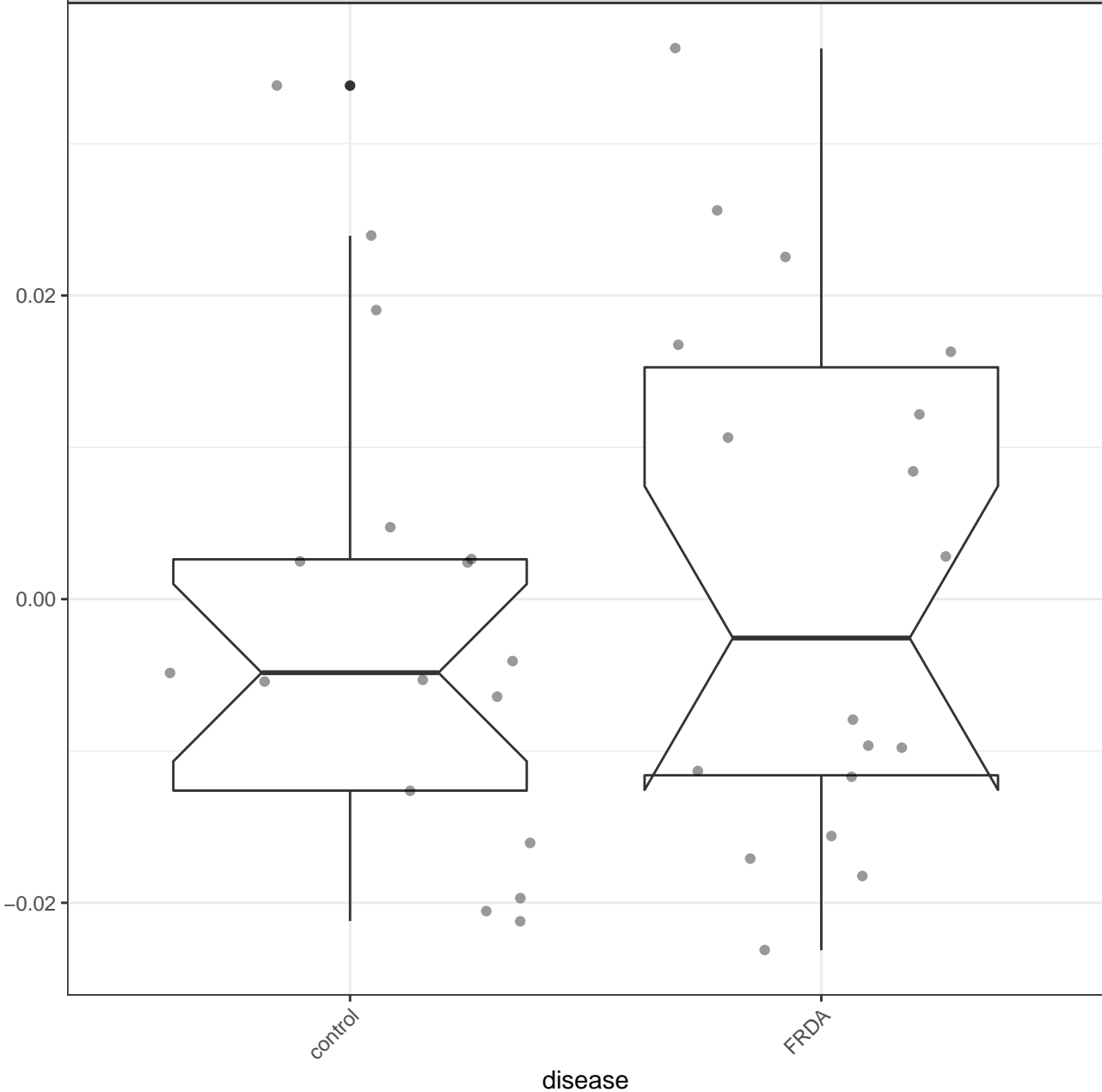
Value

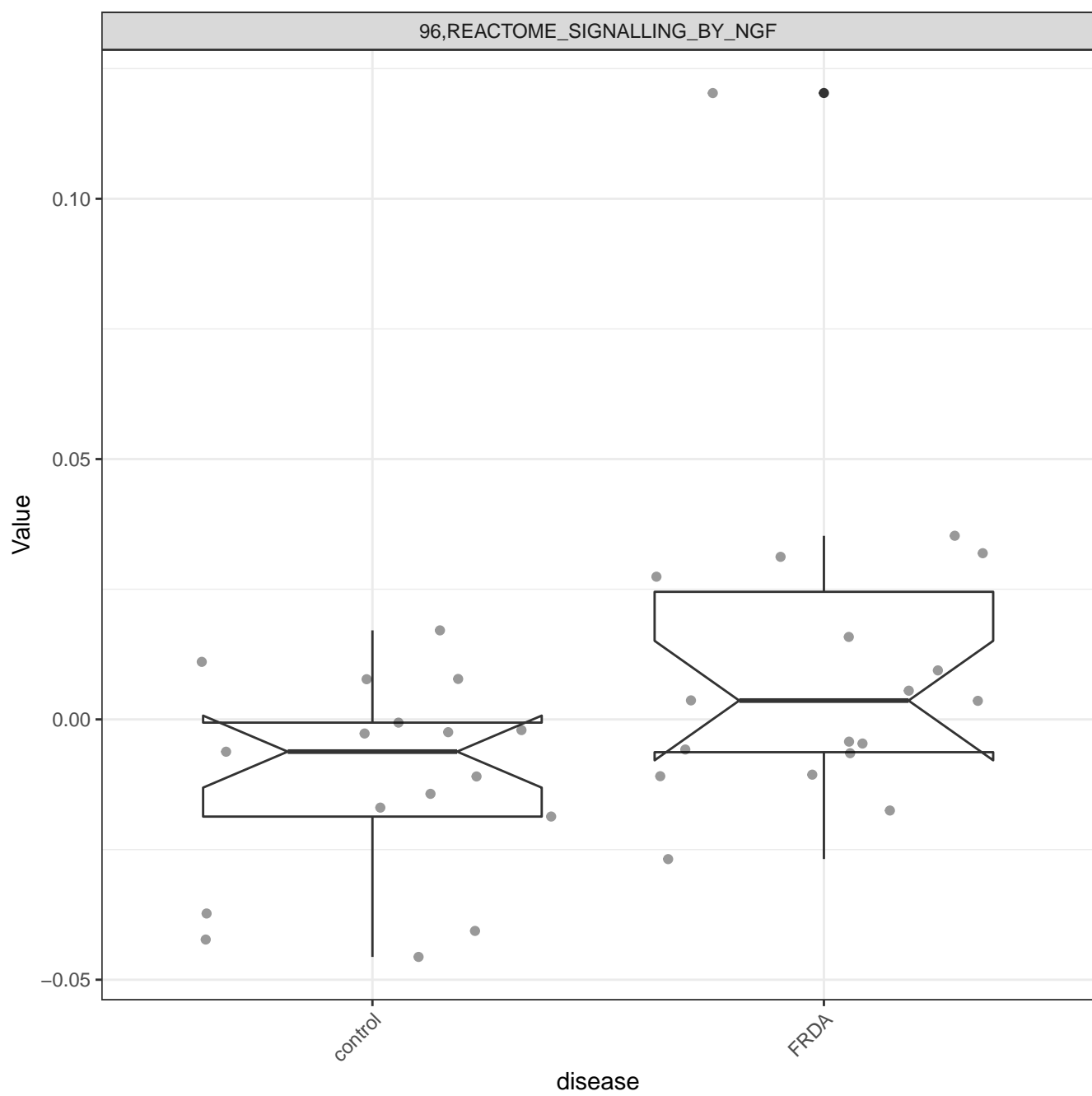
control

FRDA

disease









Value

0.05

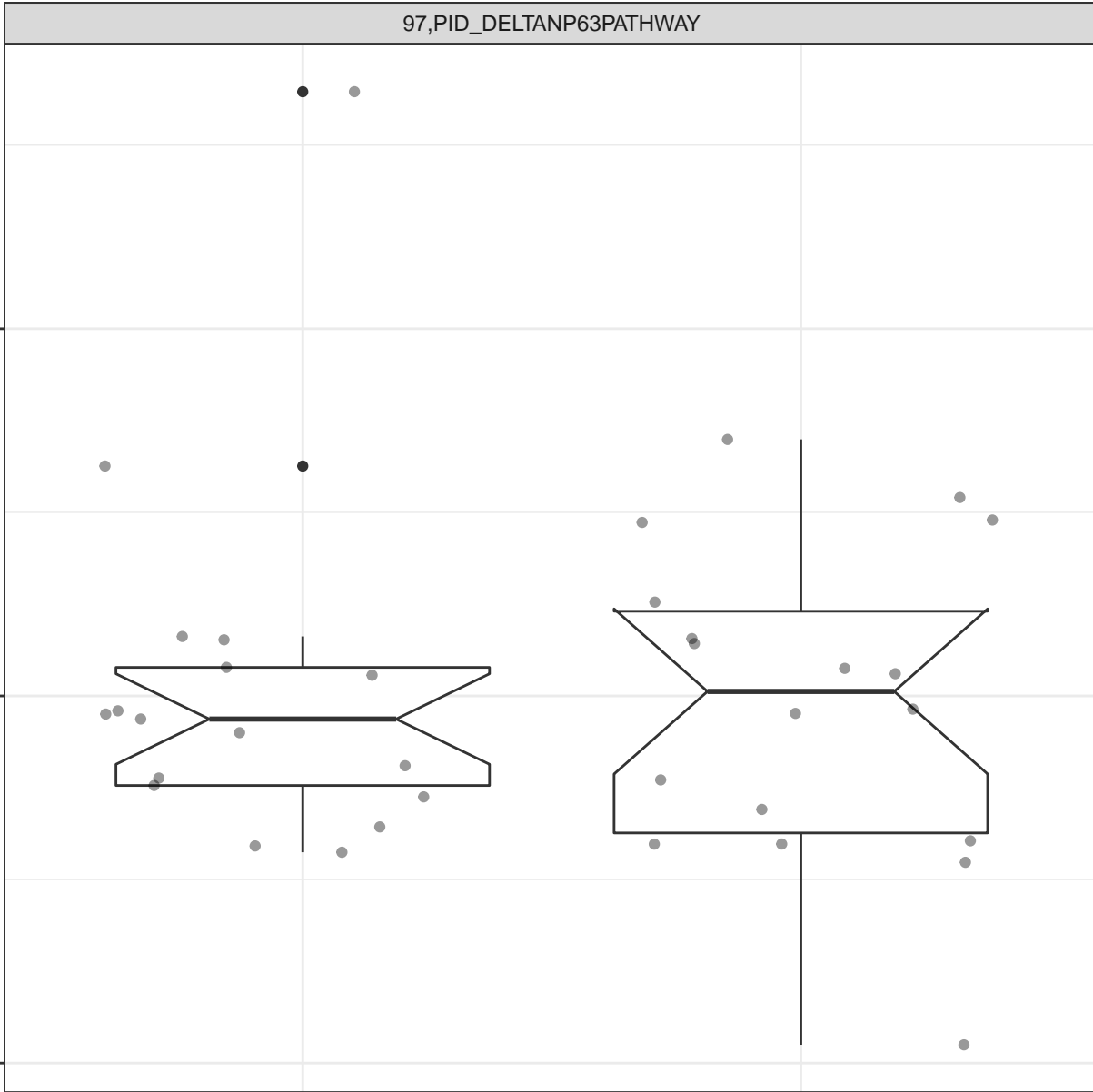
0.00

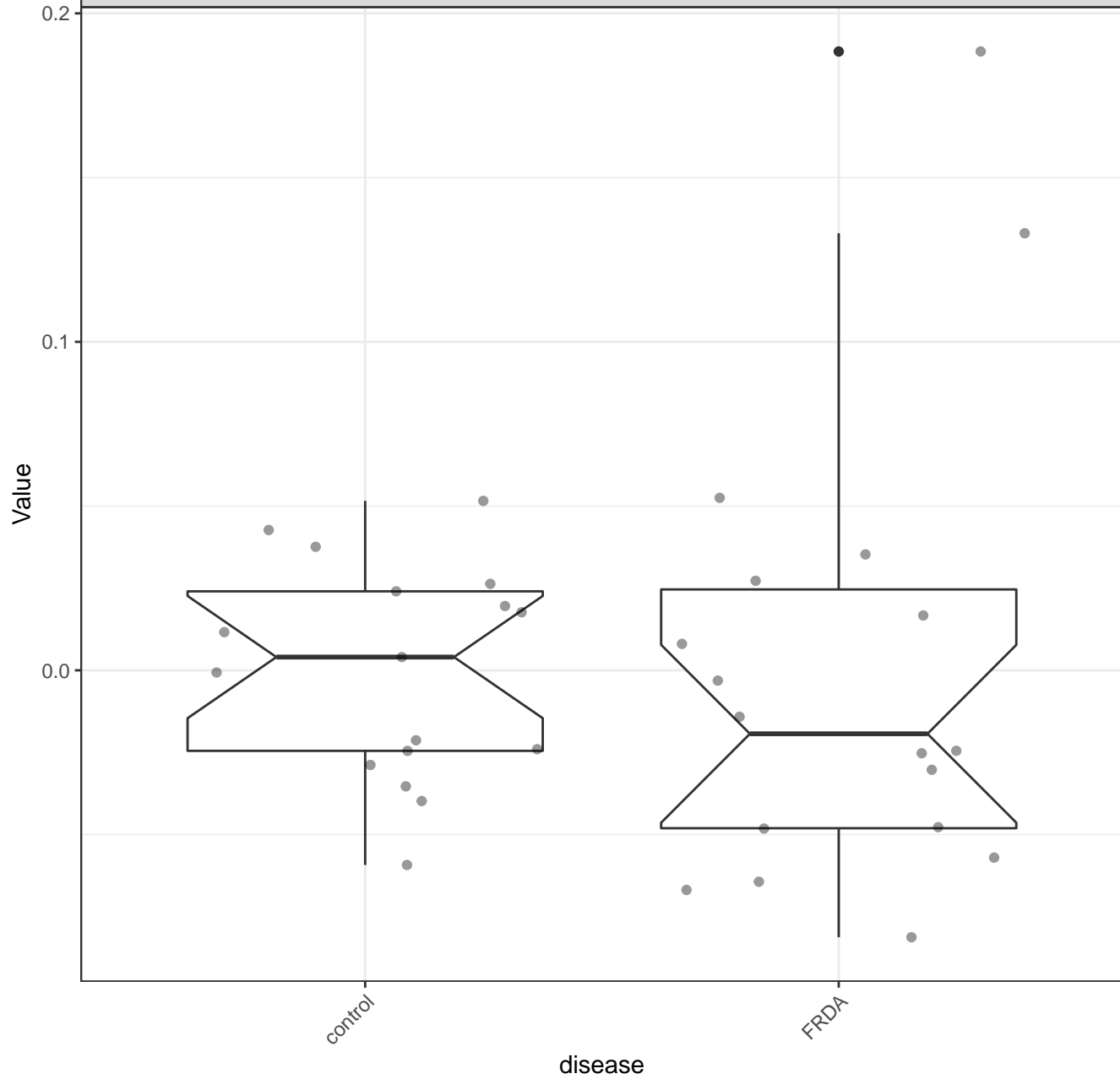
-0.05

control

FRDA

disease





Value

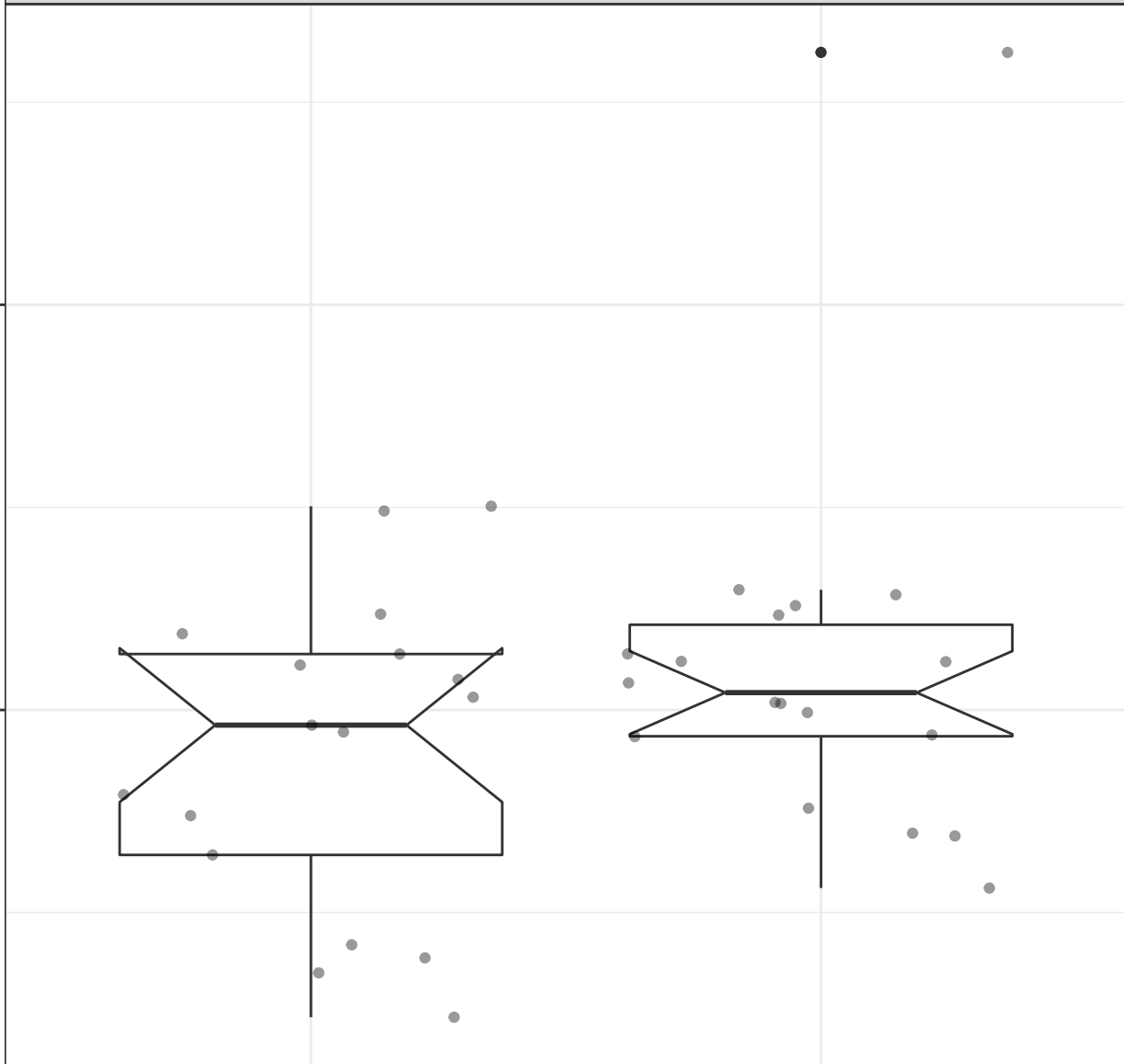
0.05

0.00

control

FRDA

disease



LV 100

Value

0.10

0.05

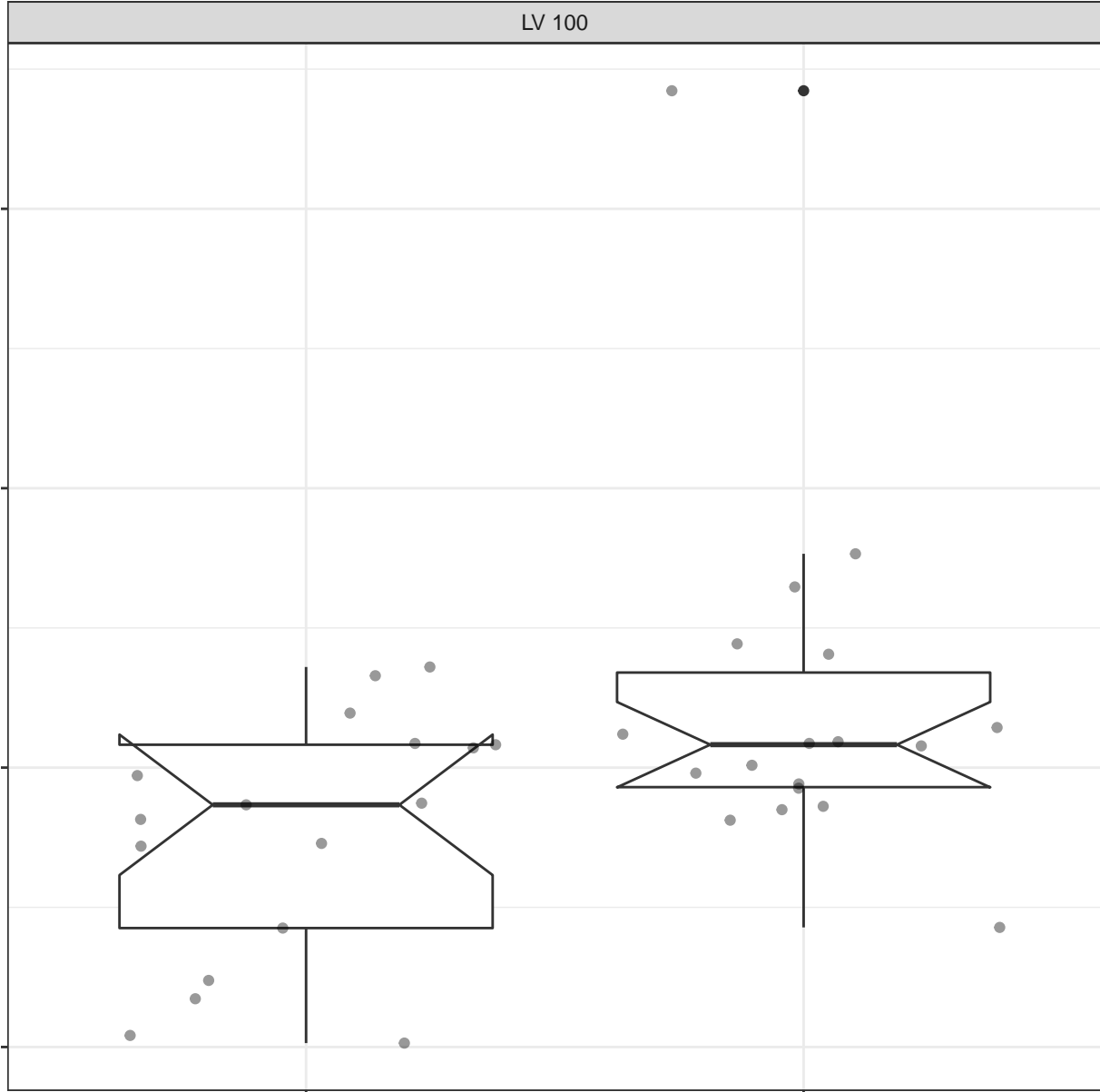
0.00

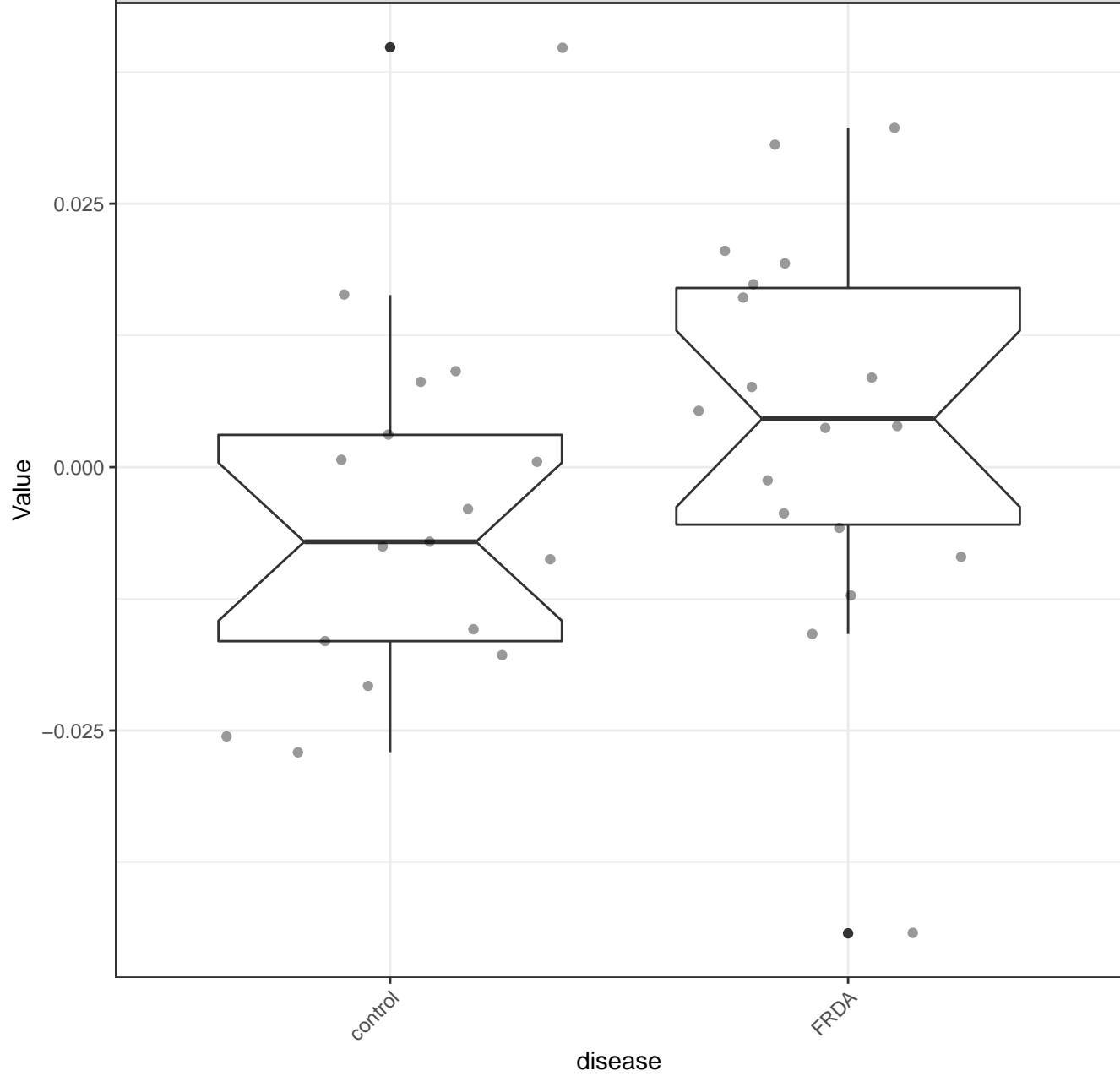
-0.05

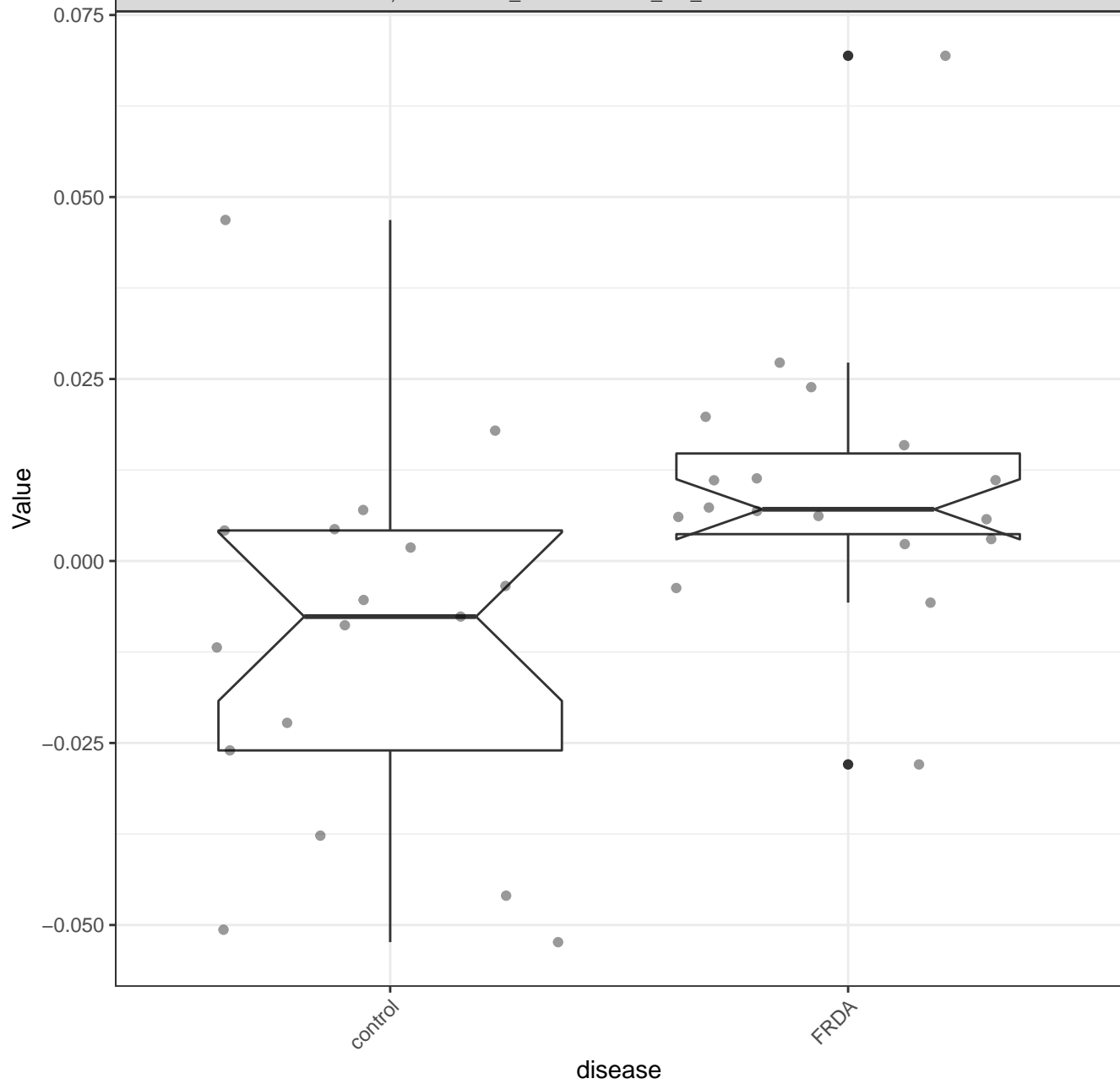
control

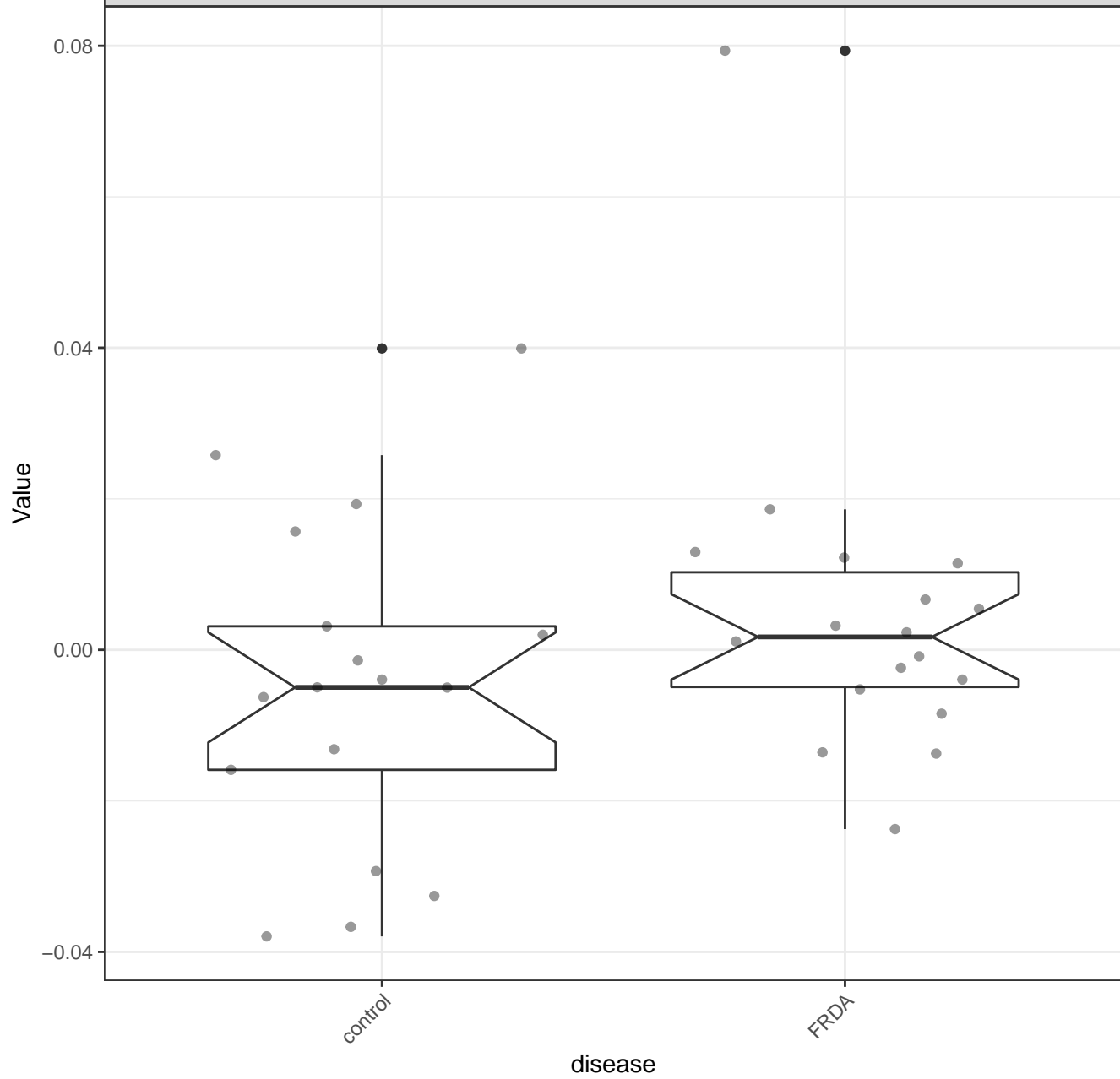
FRDA

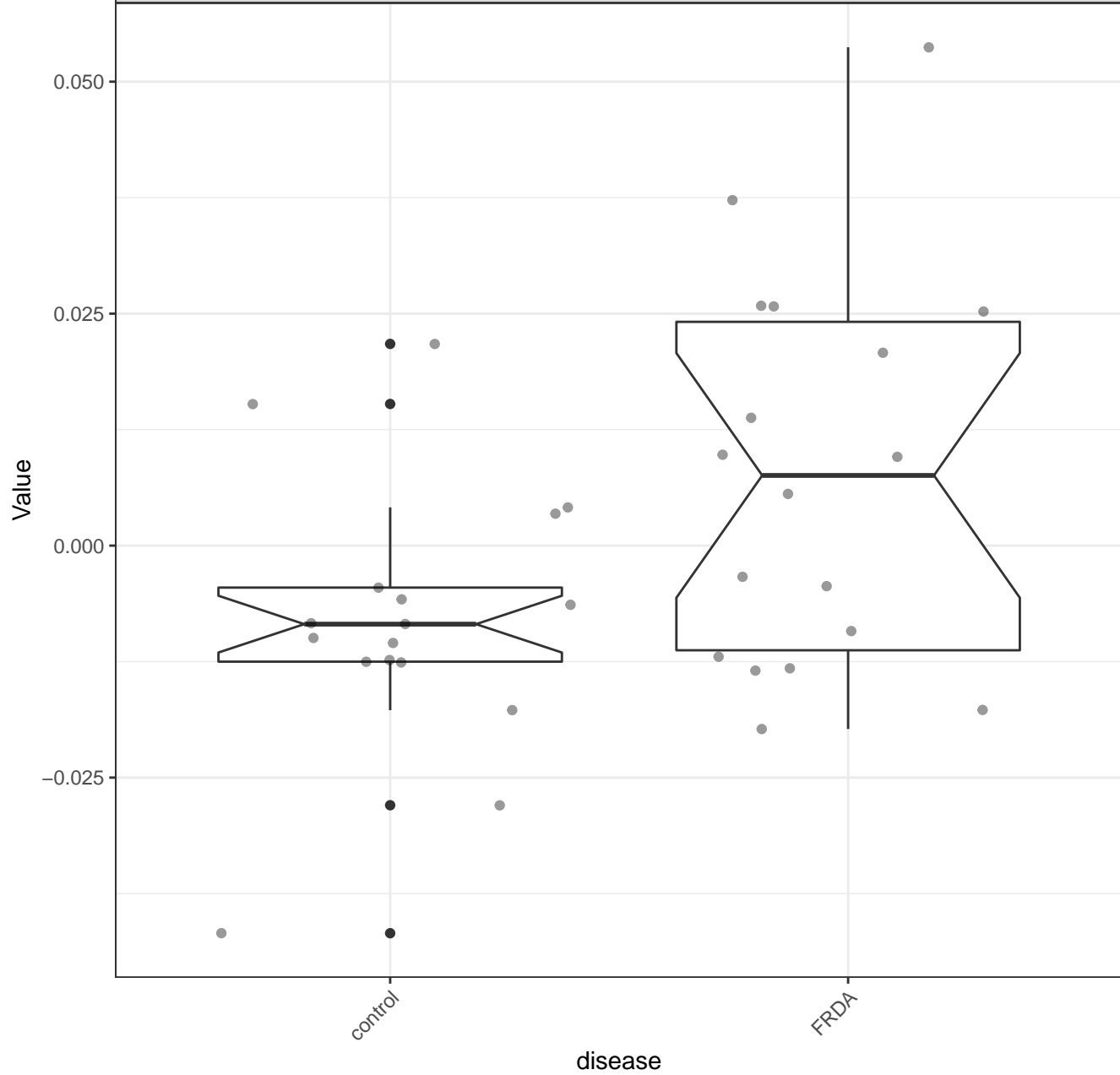
disease



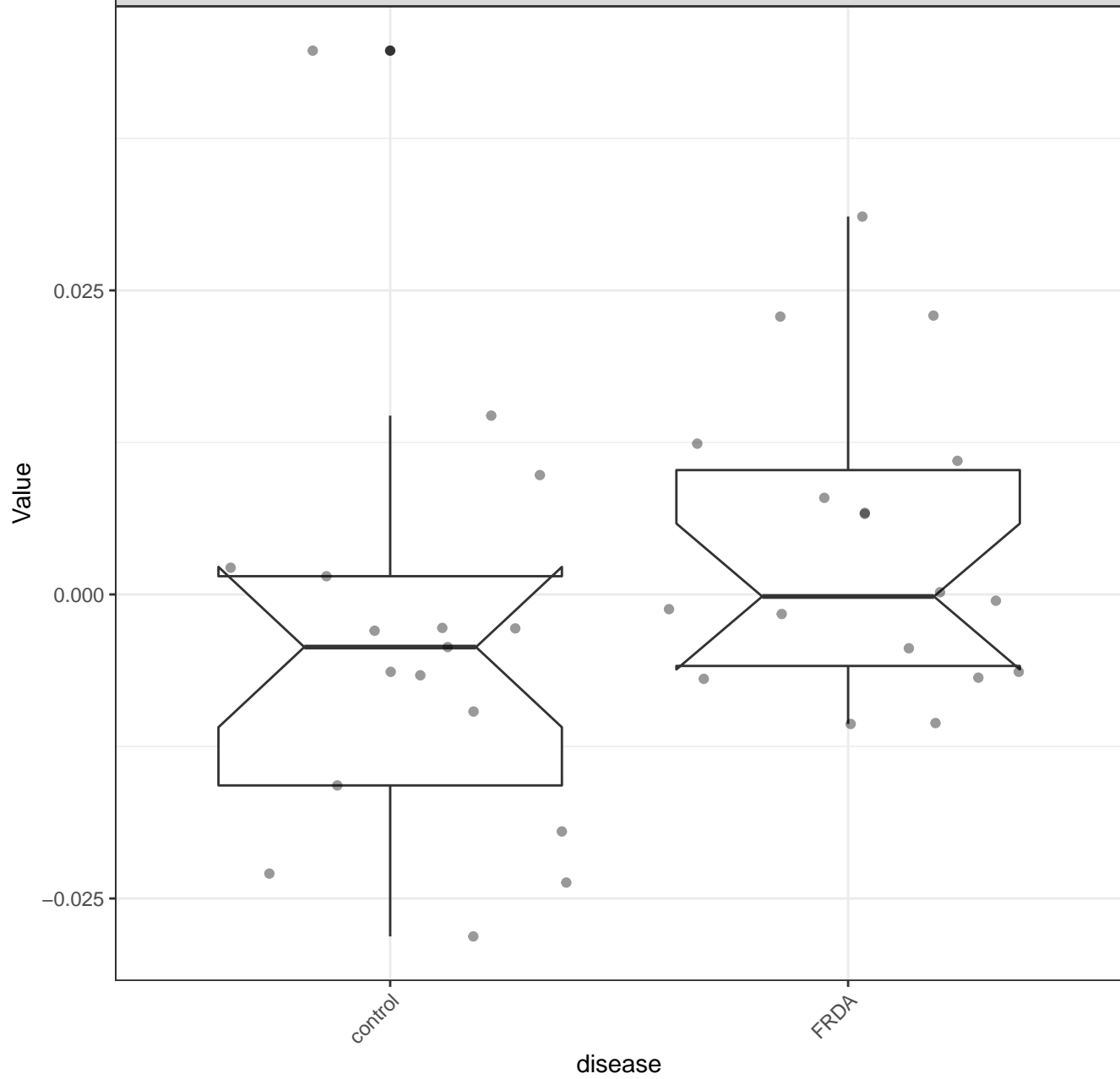


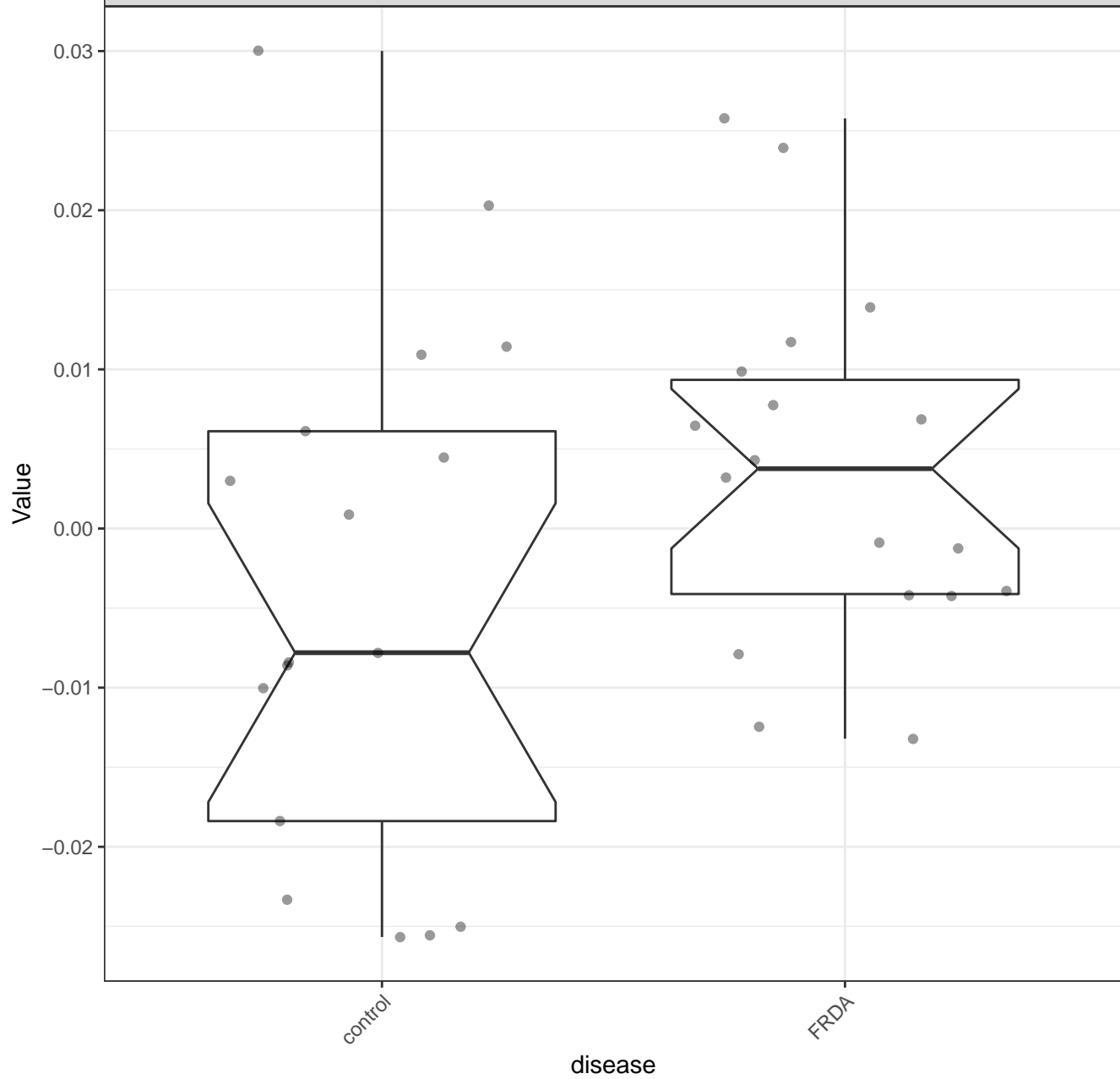












Value

0.05

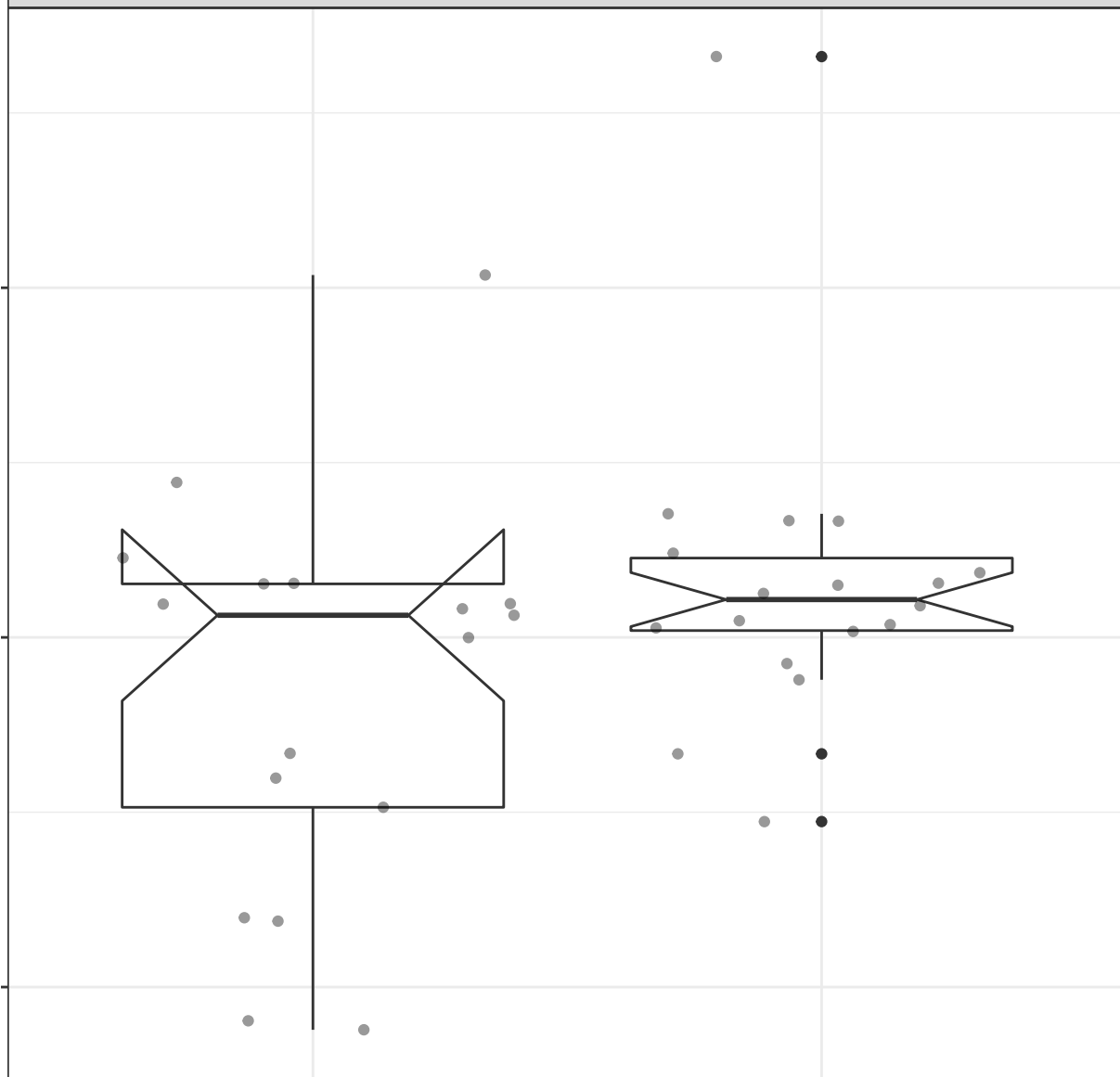
0.00

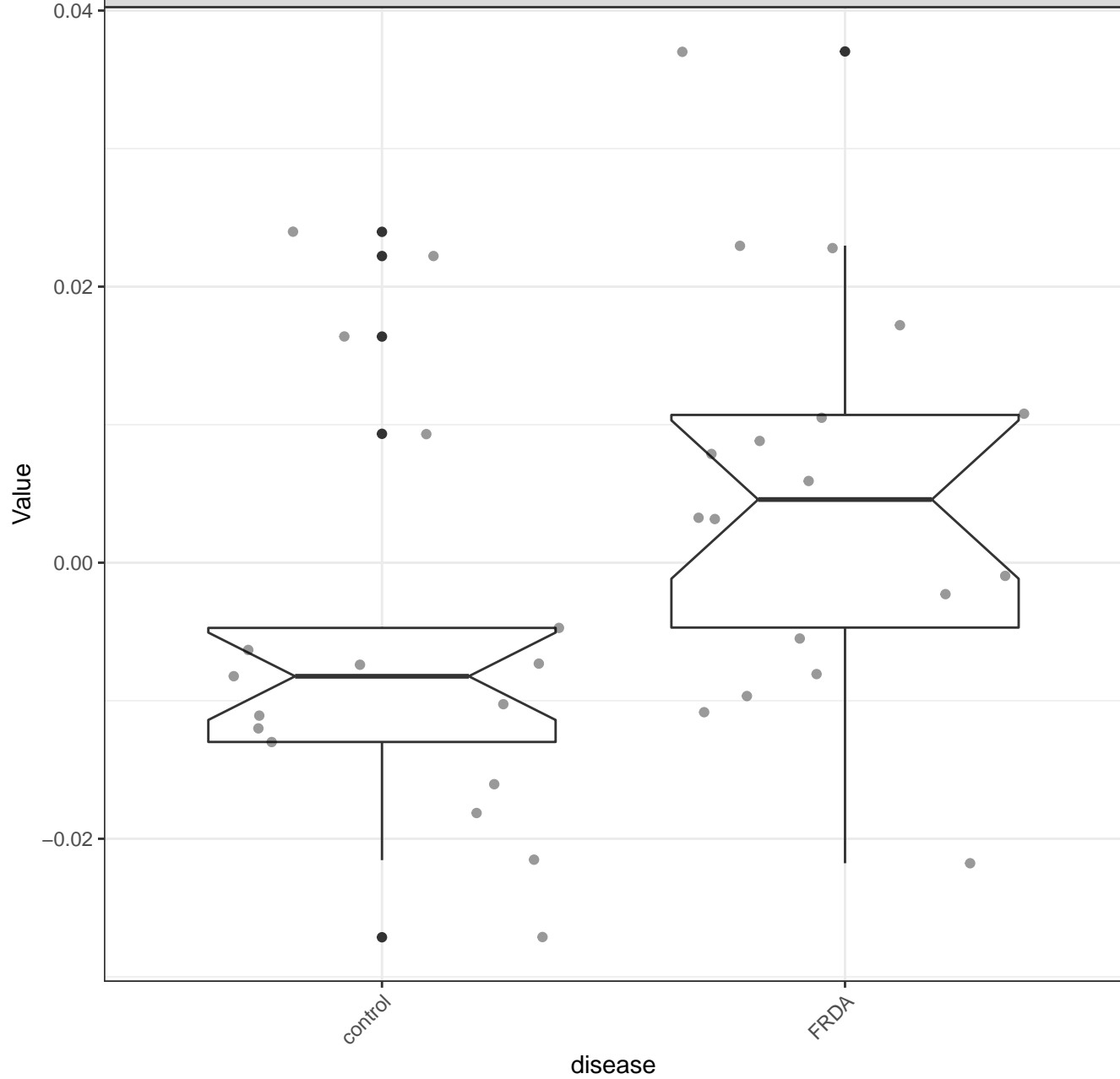
-0.05

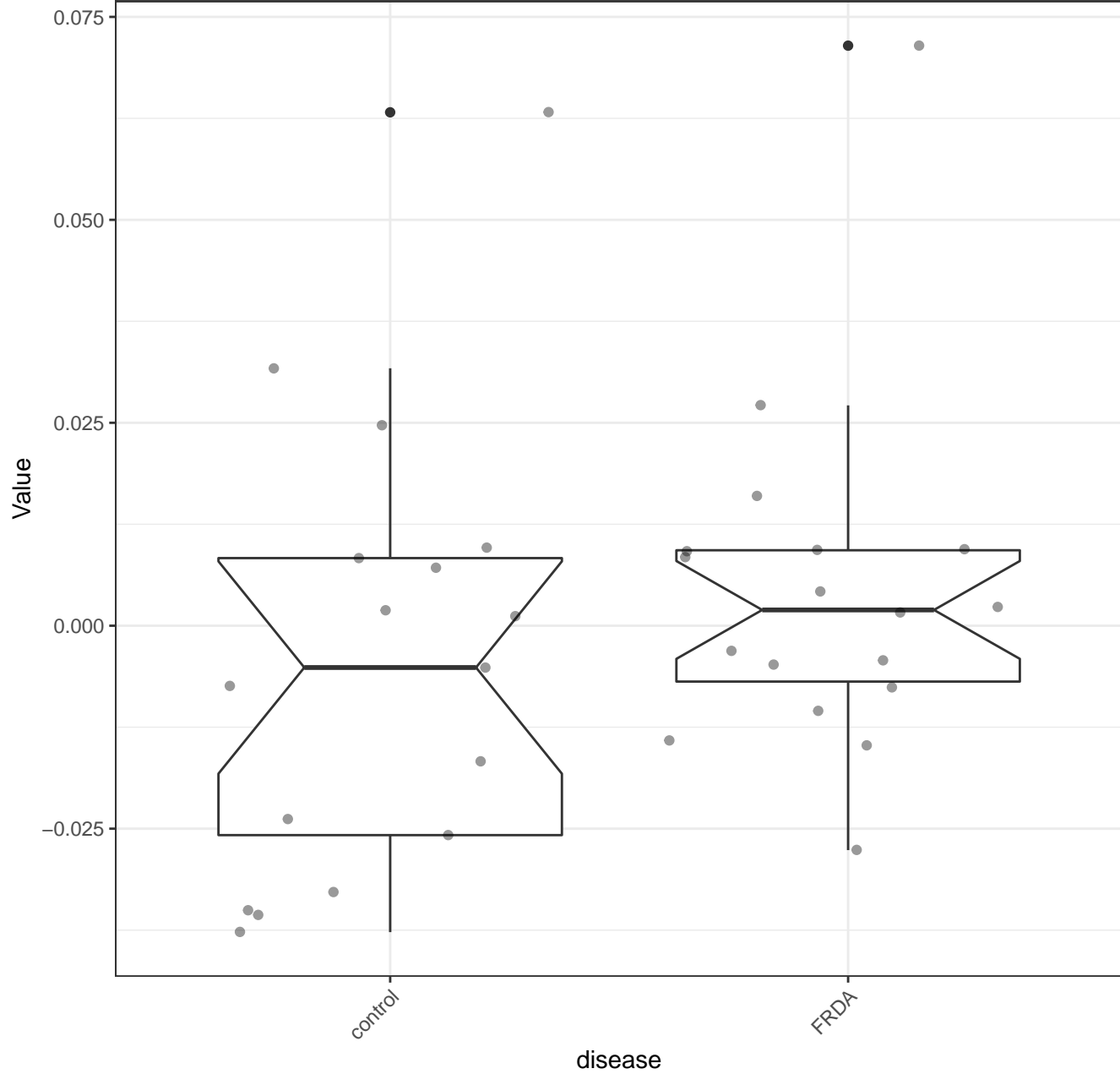
control

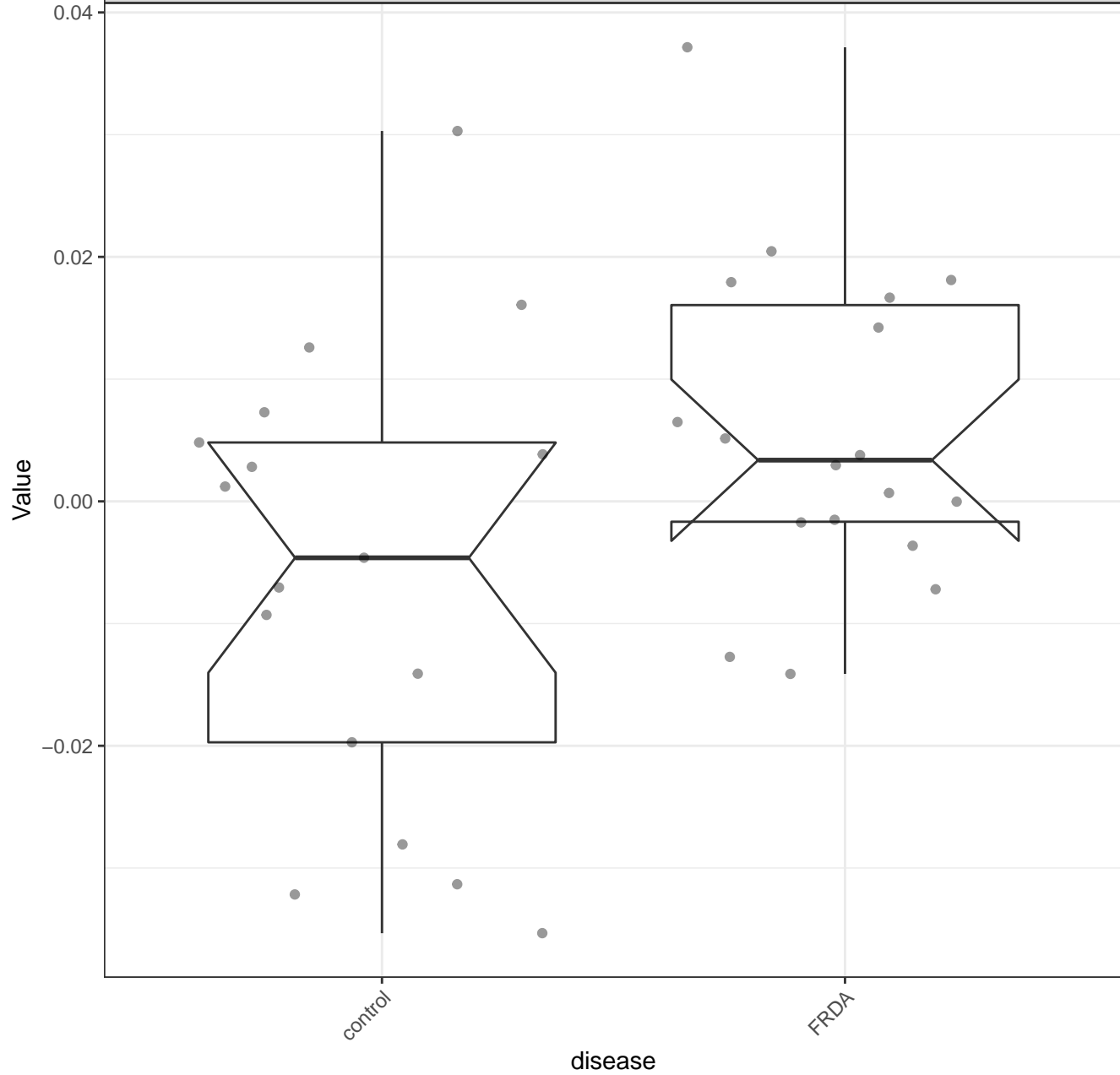
disease

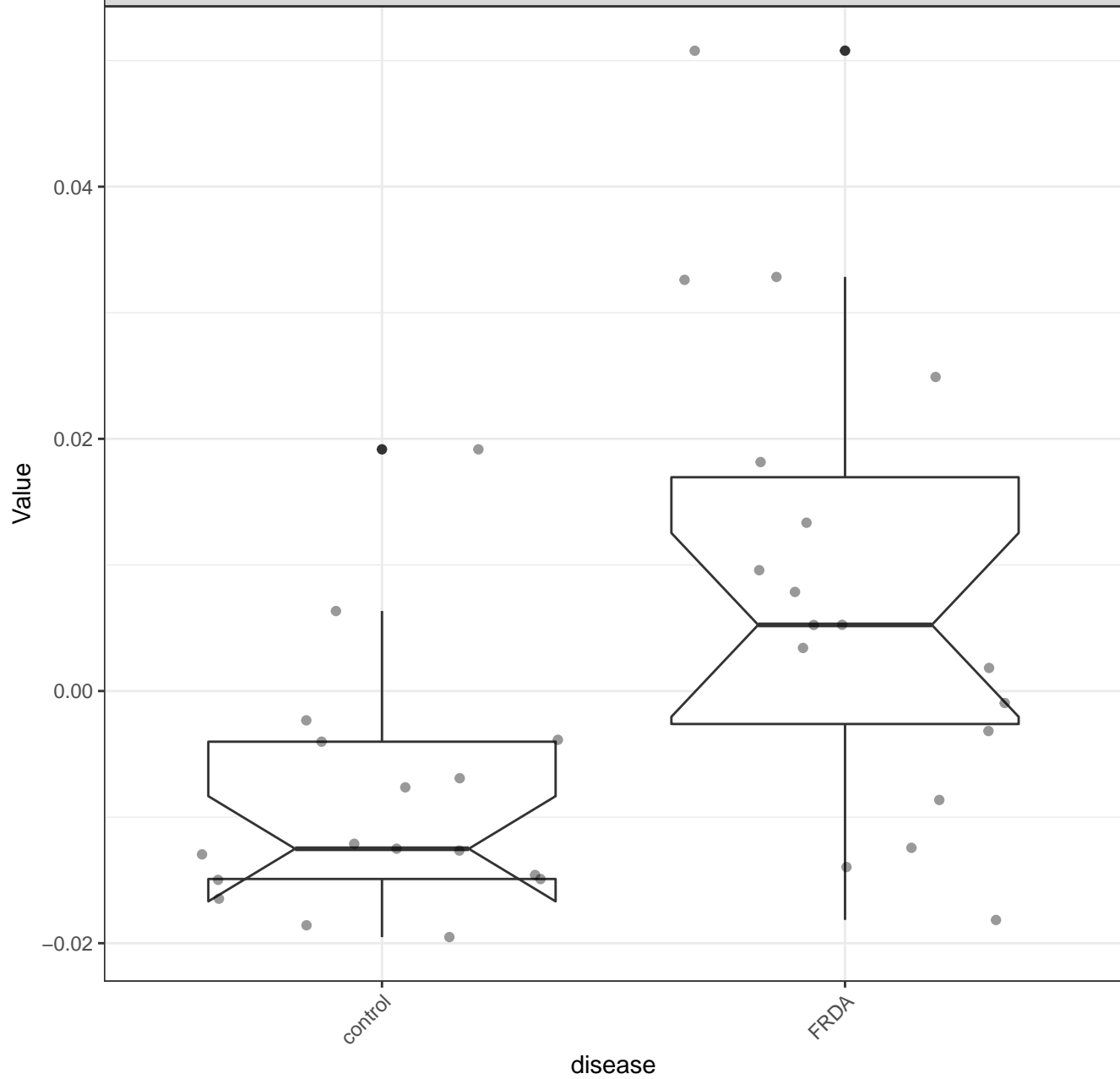
FRDA



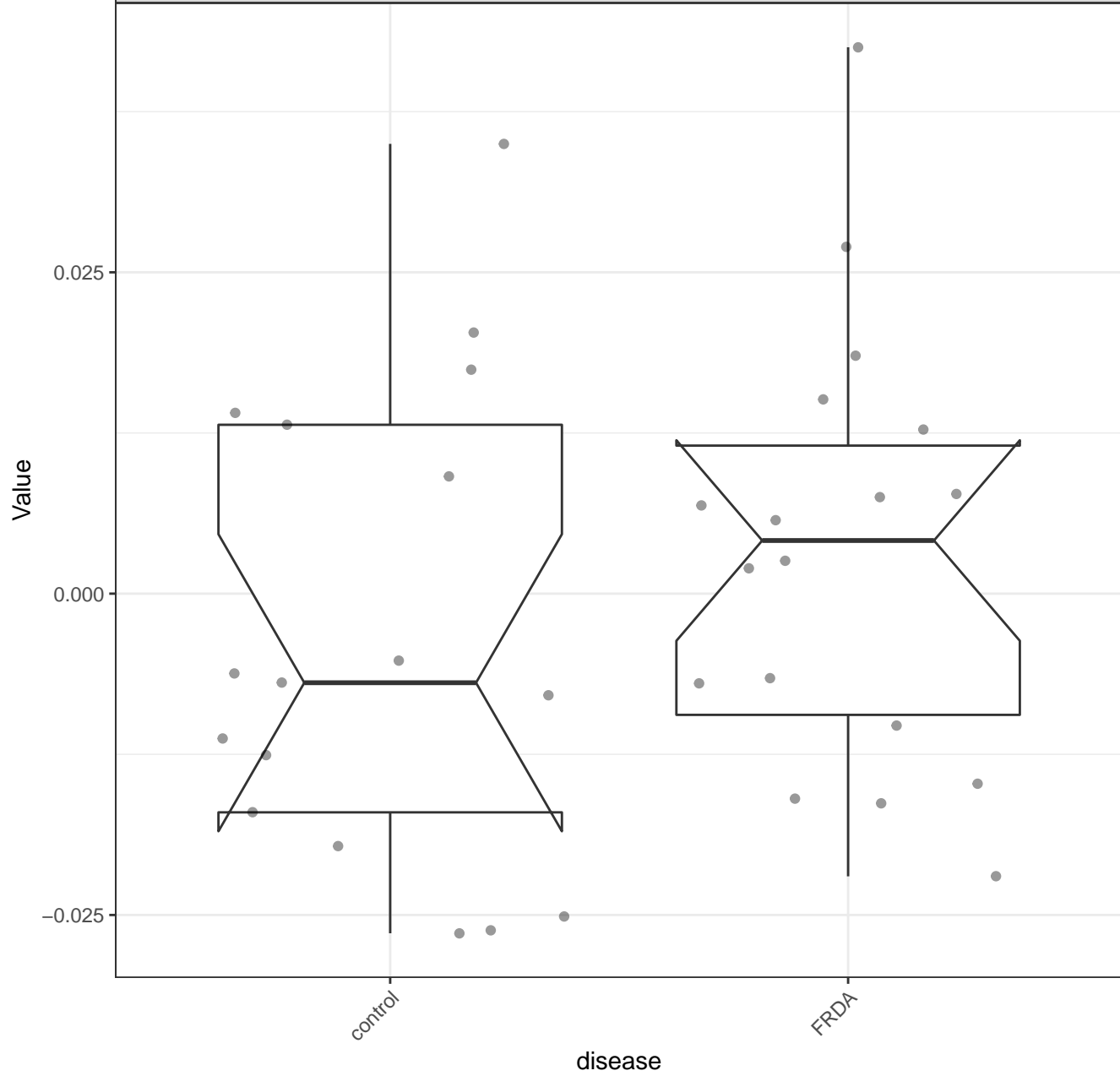




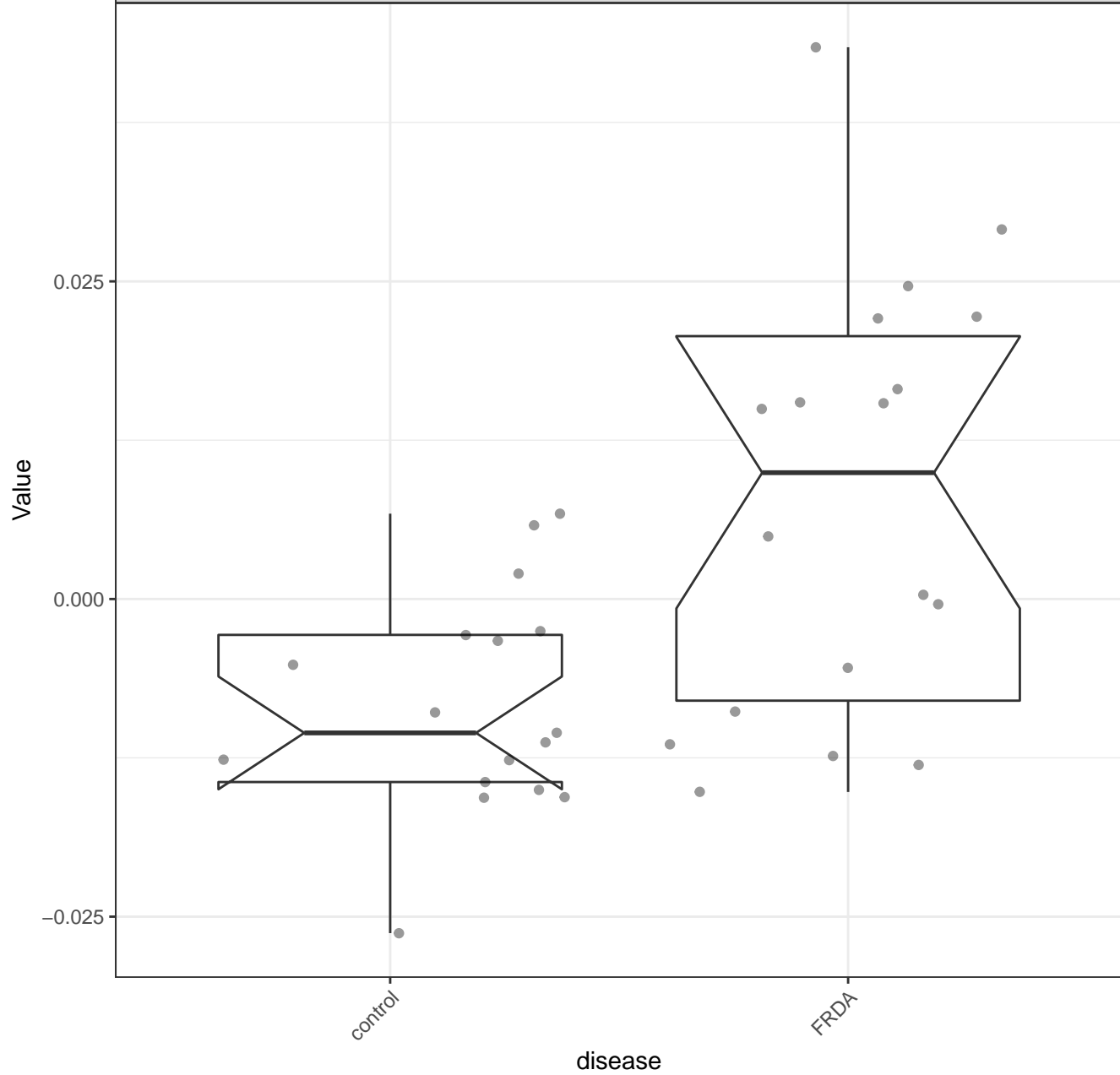


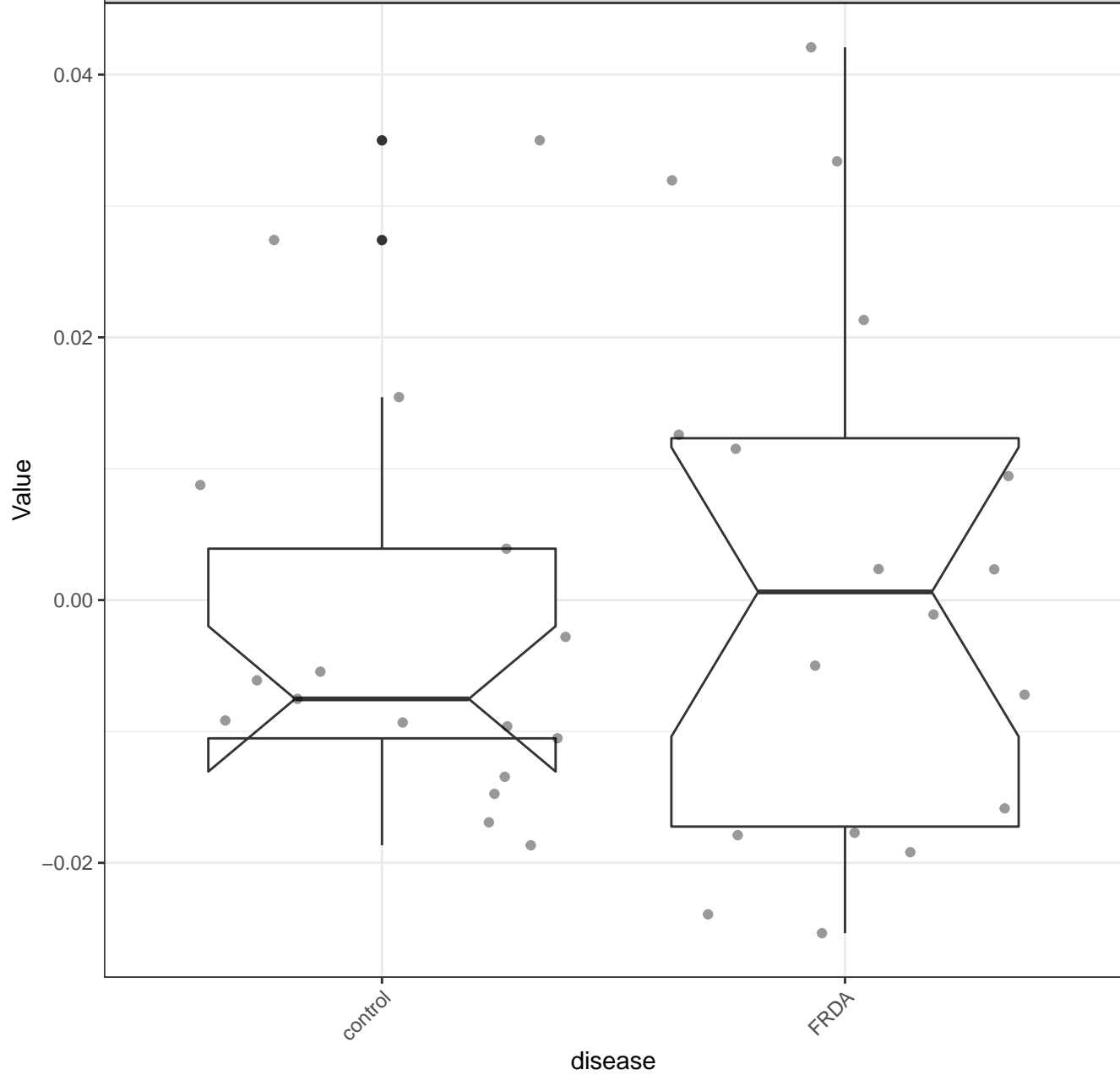


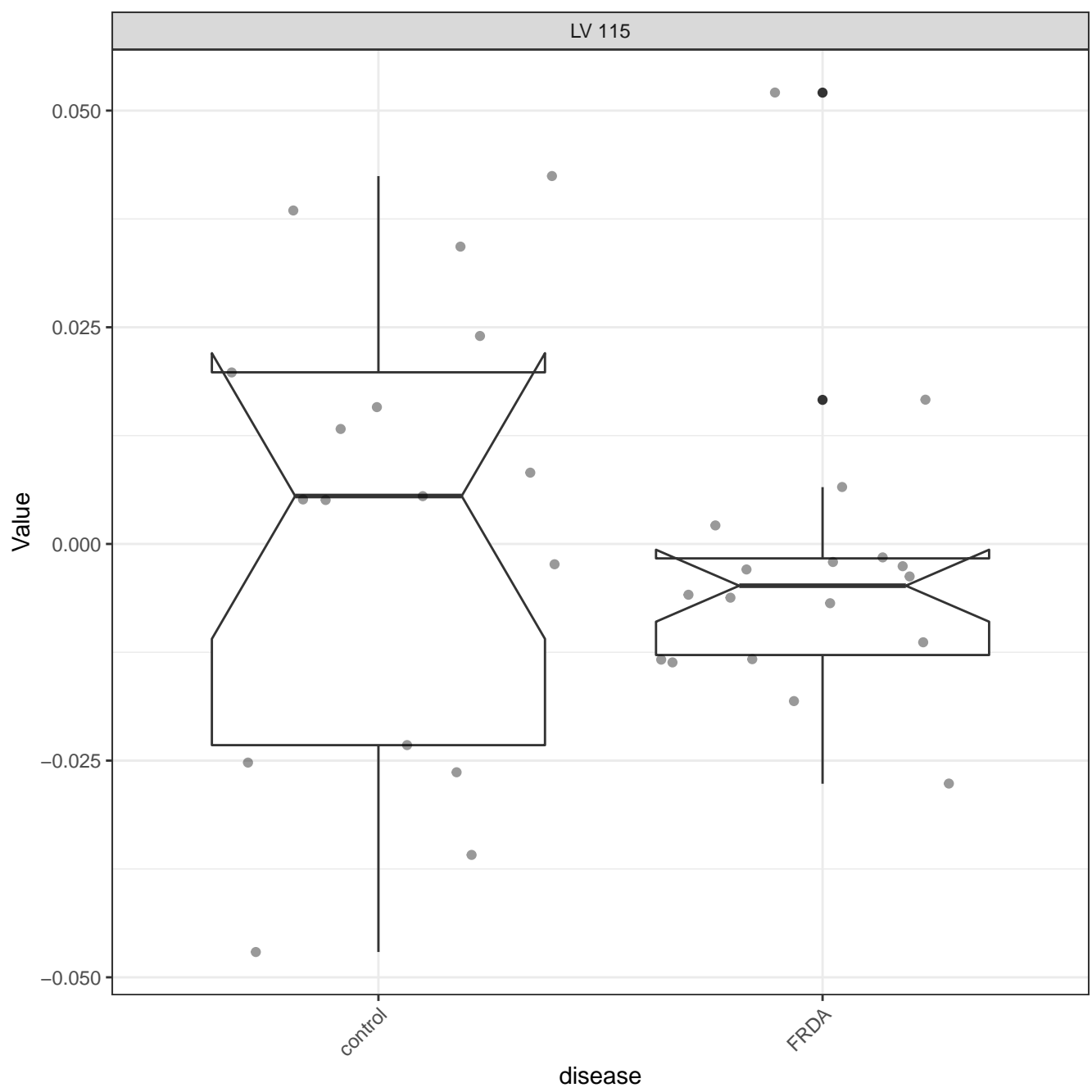
LV 112











Value

0.050

0.025

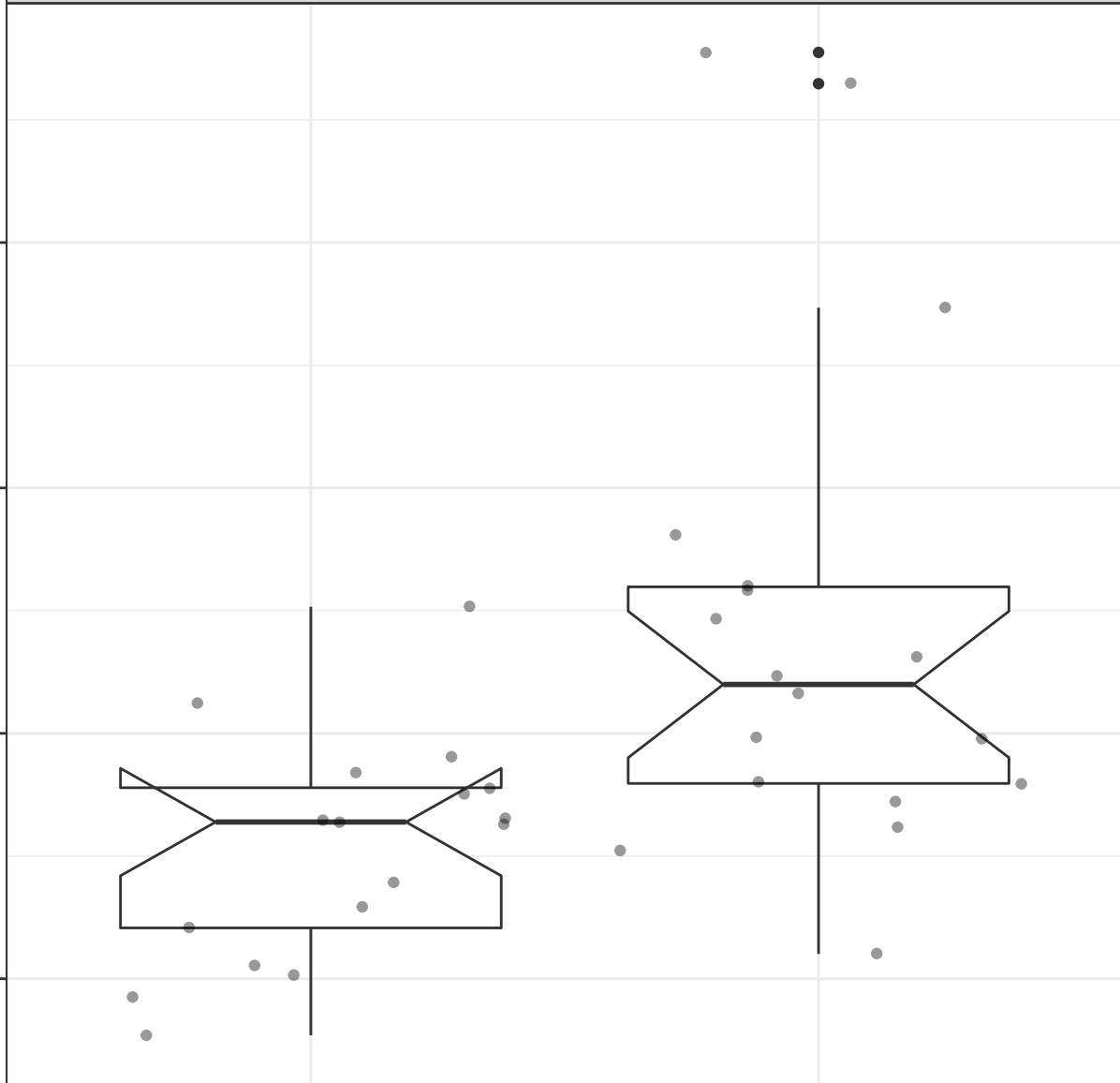
0.000

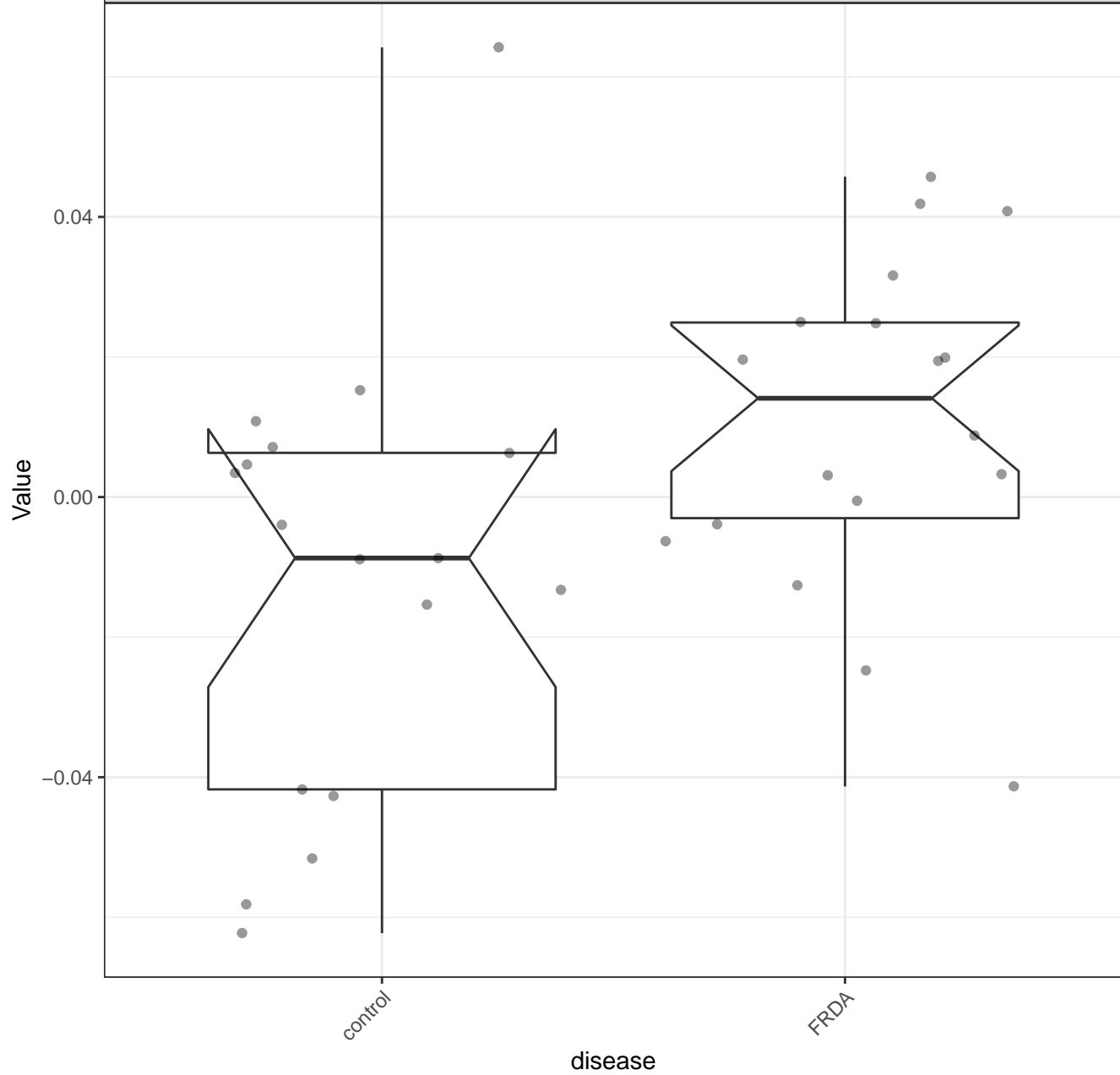
-0.025

control

FRDA

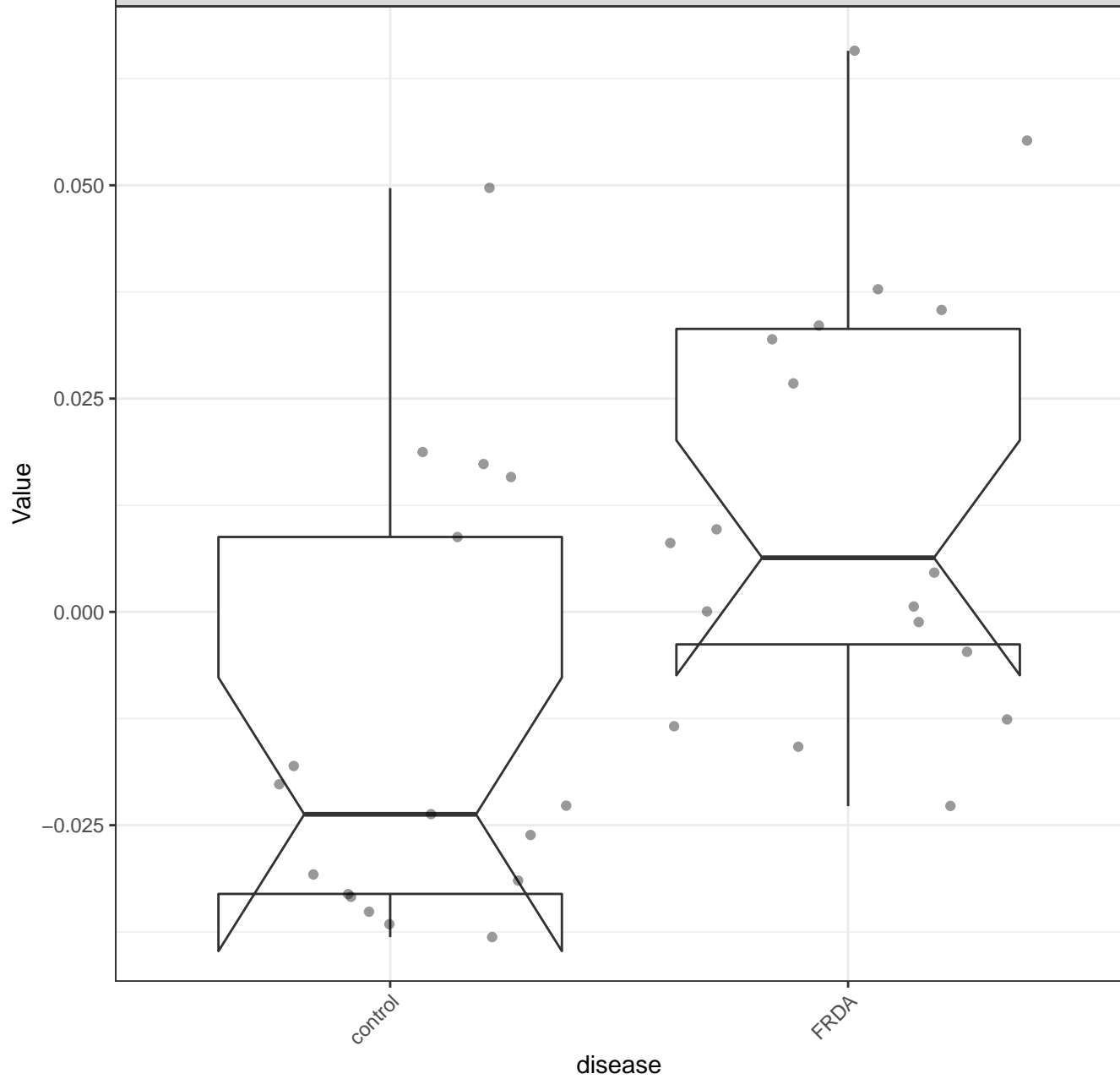
disease



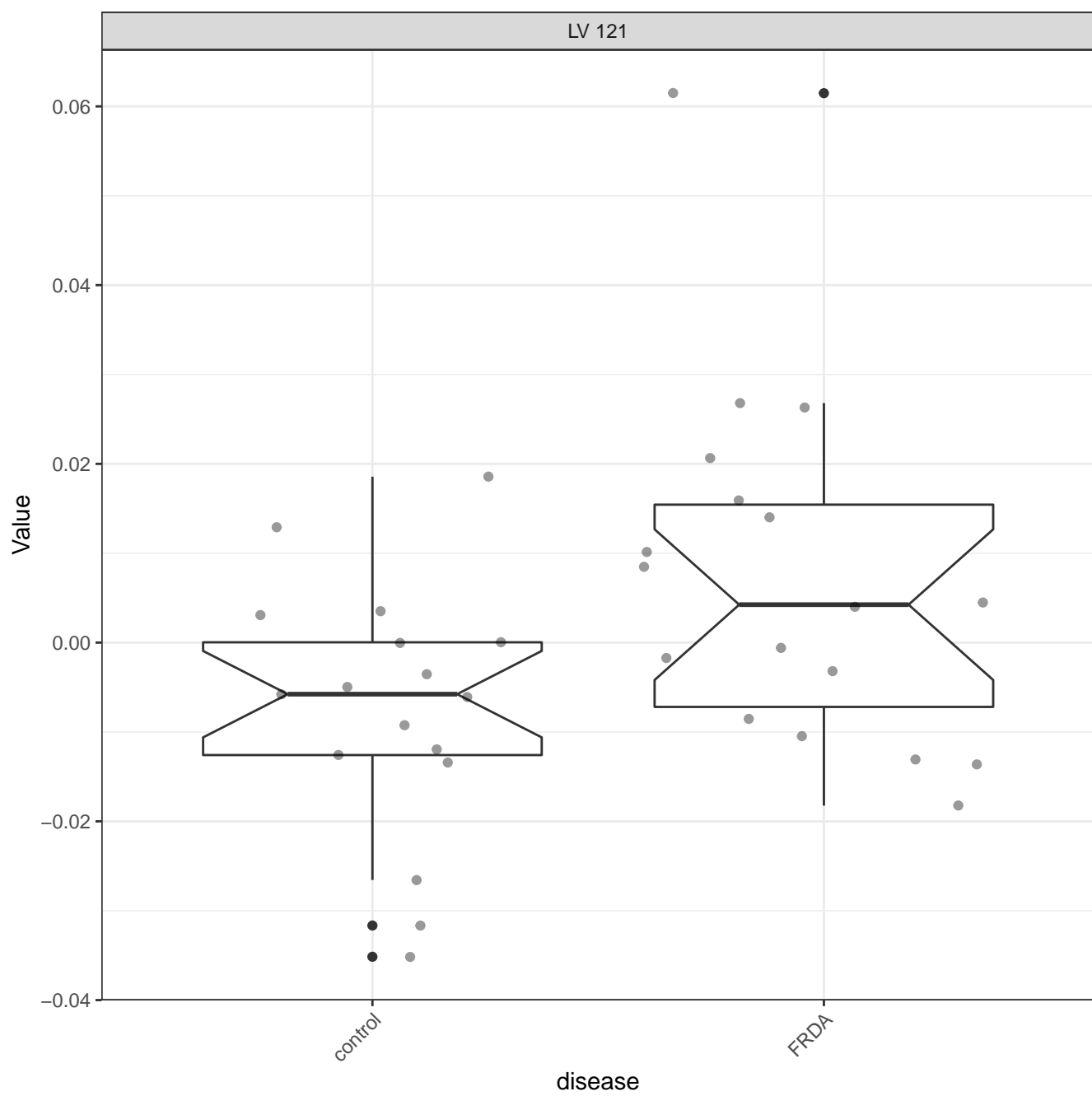












Value

0.04

0.02

0.00

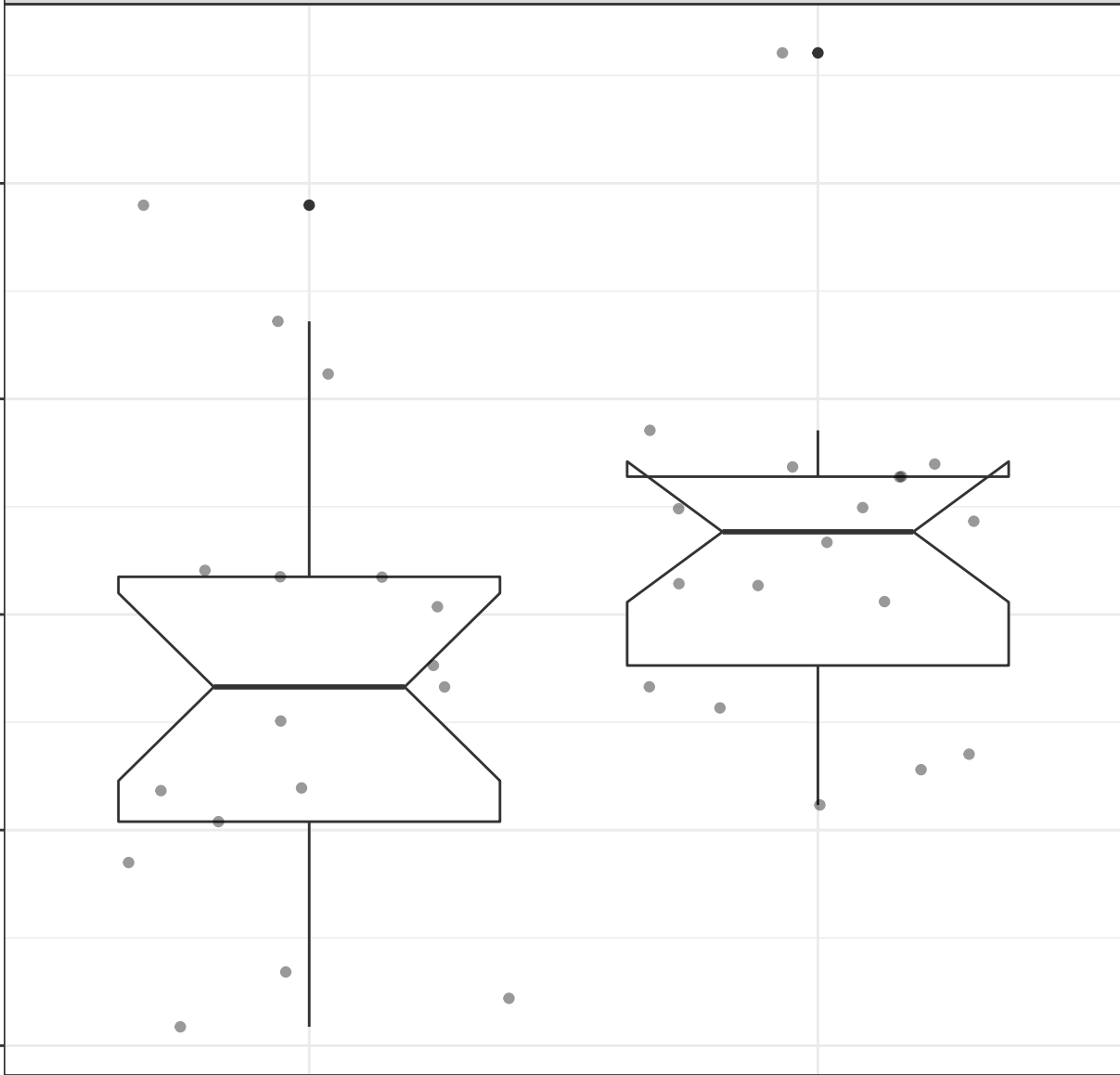
-0.02

-0.04

control

FRDA

disease

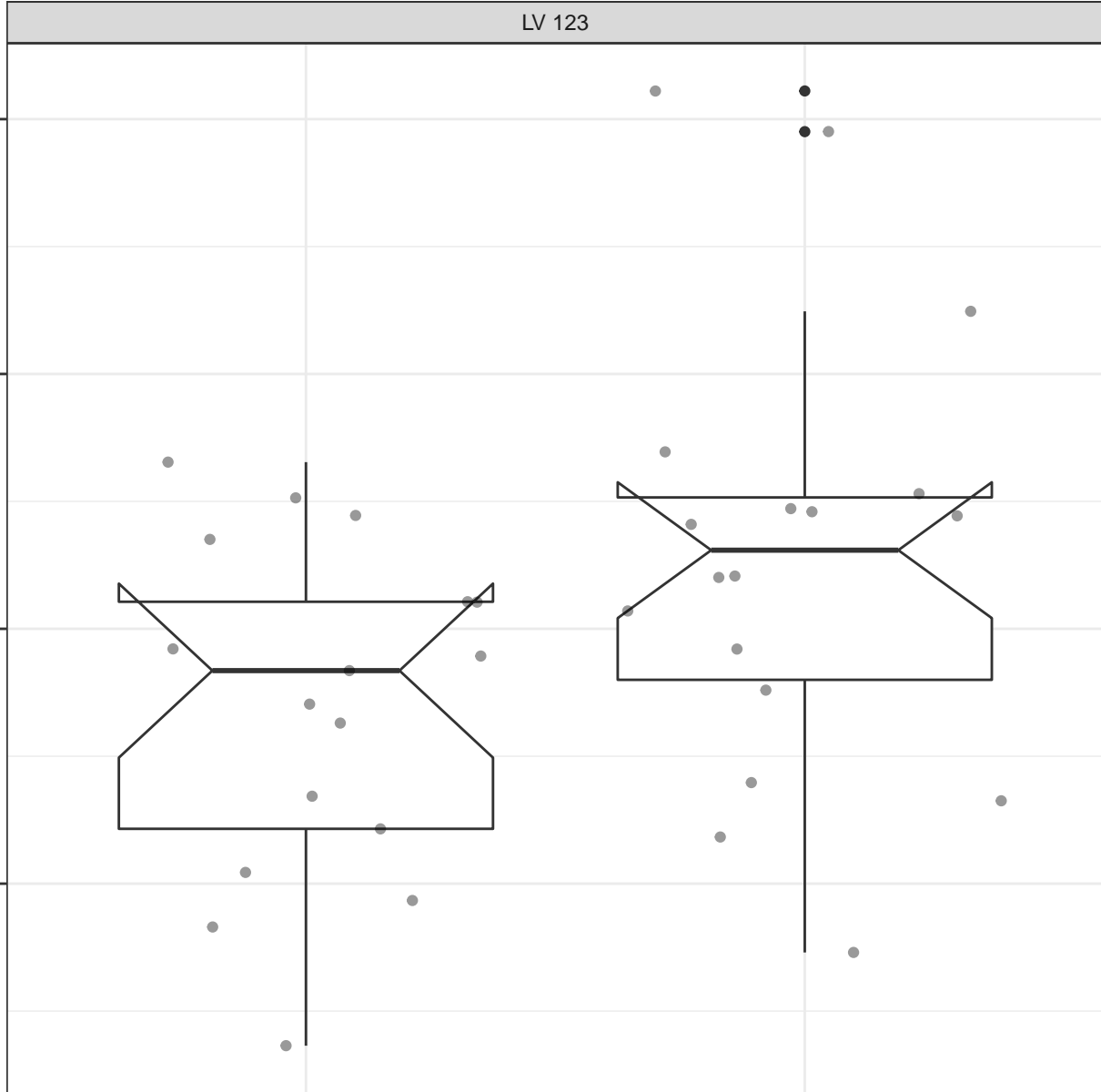


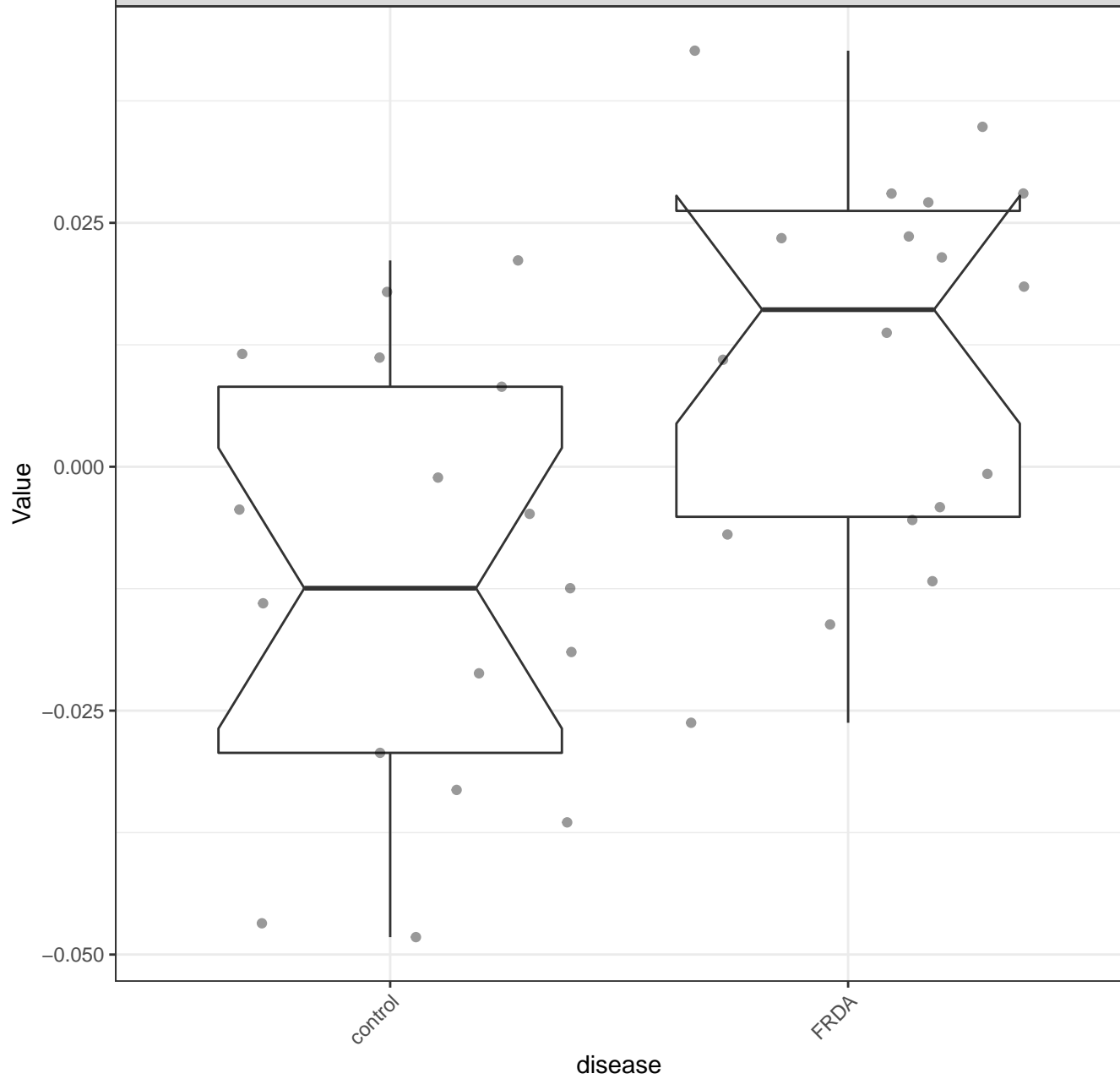
Value

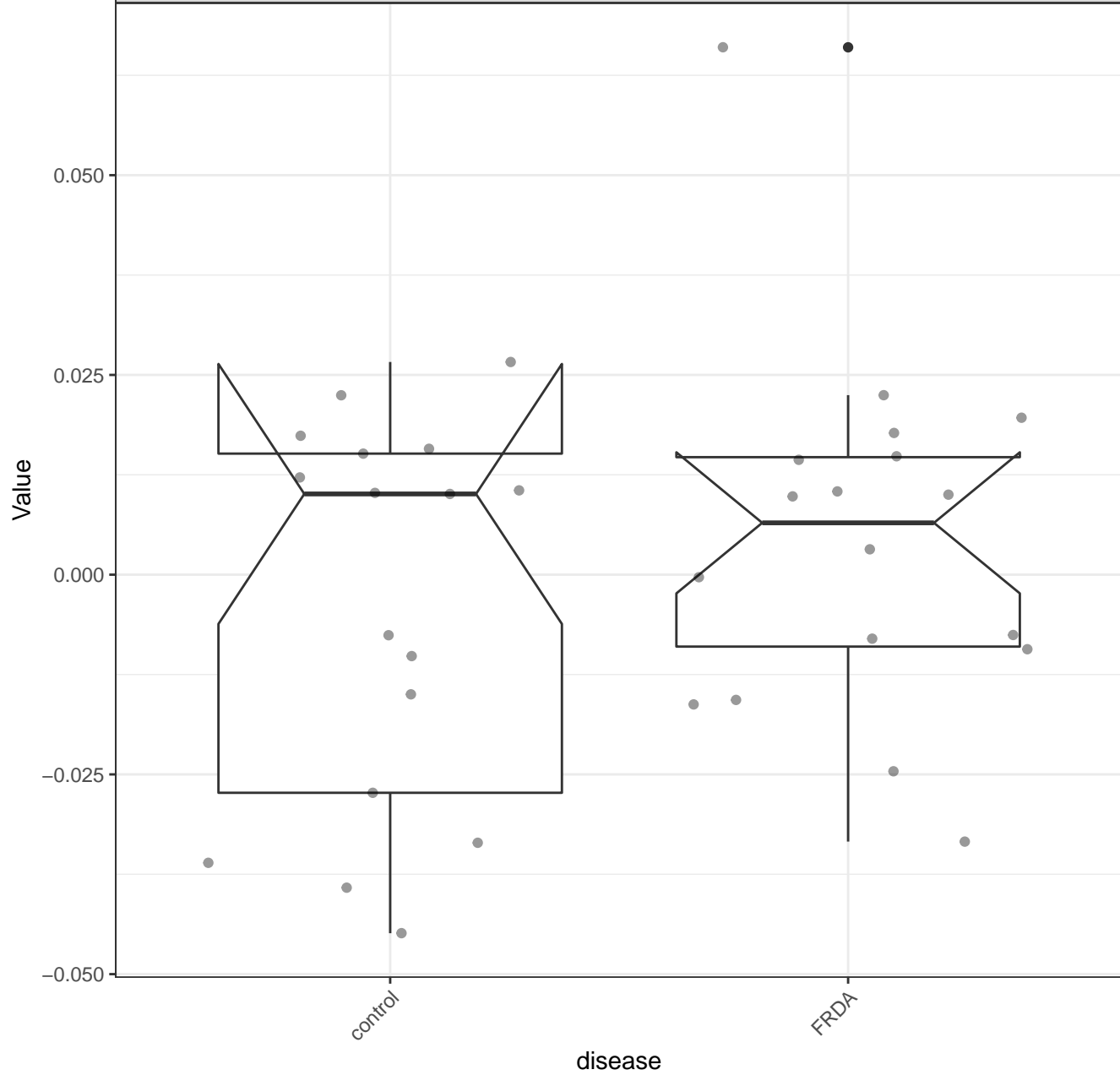
control

FRDA

disease

-0.02  
0.00  
0.02  
0.04





Value

0.02

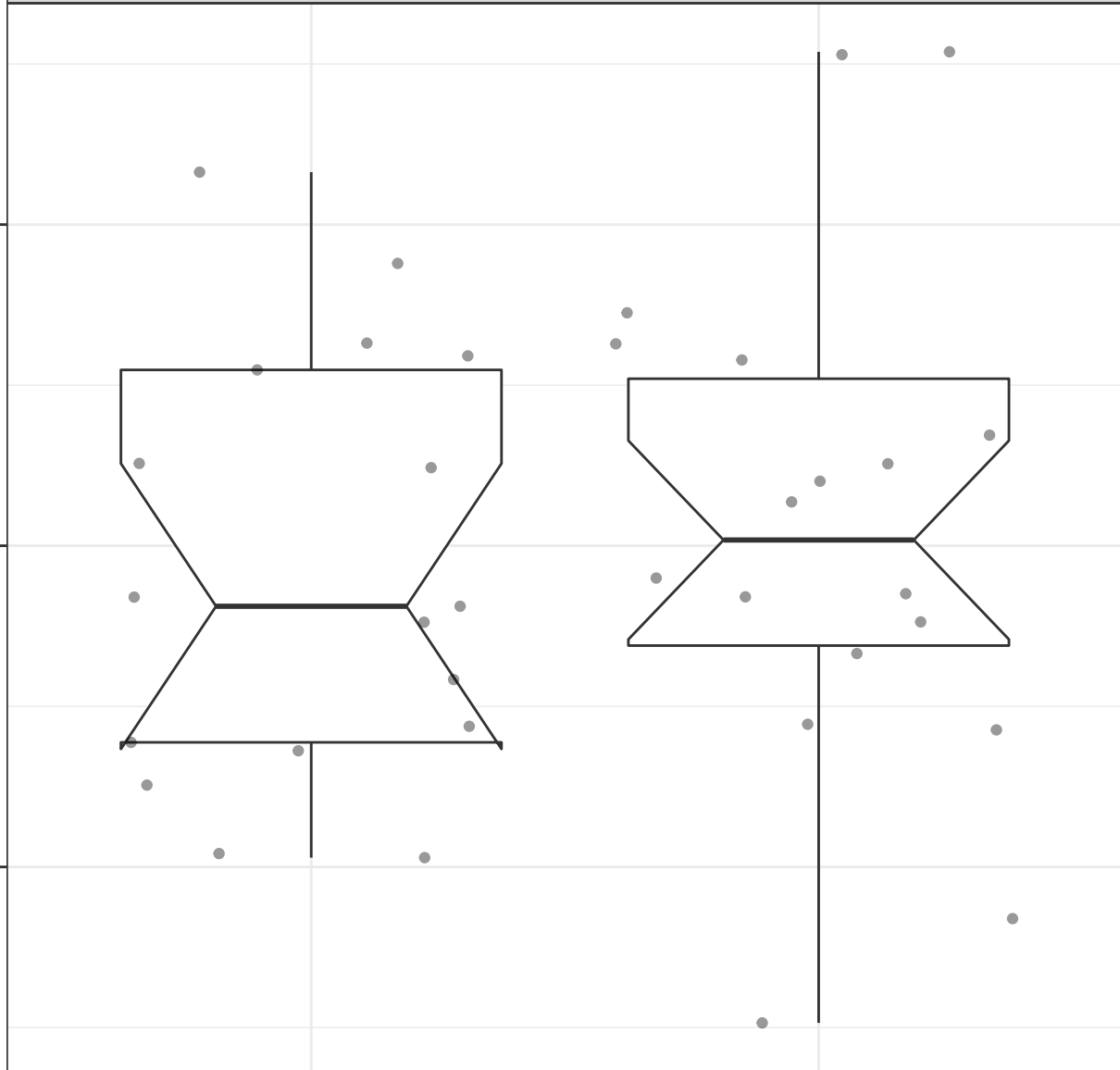
0.00

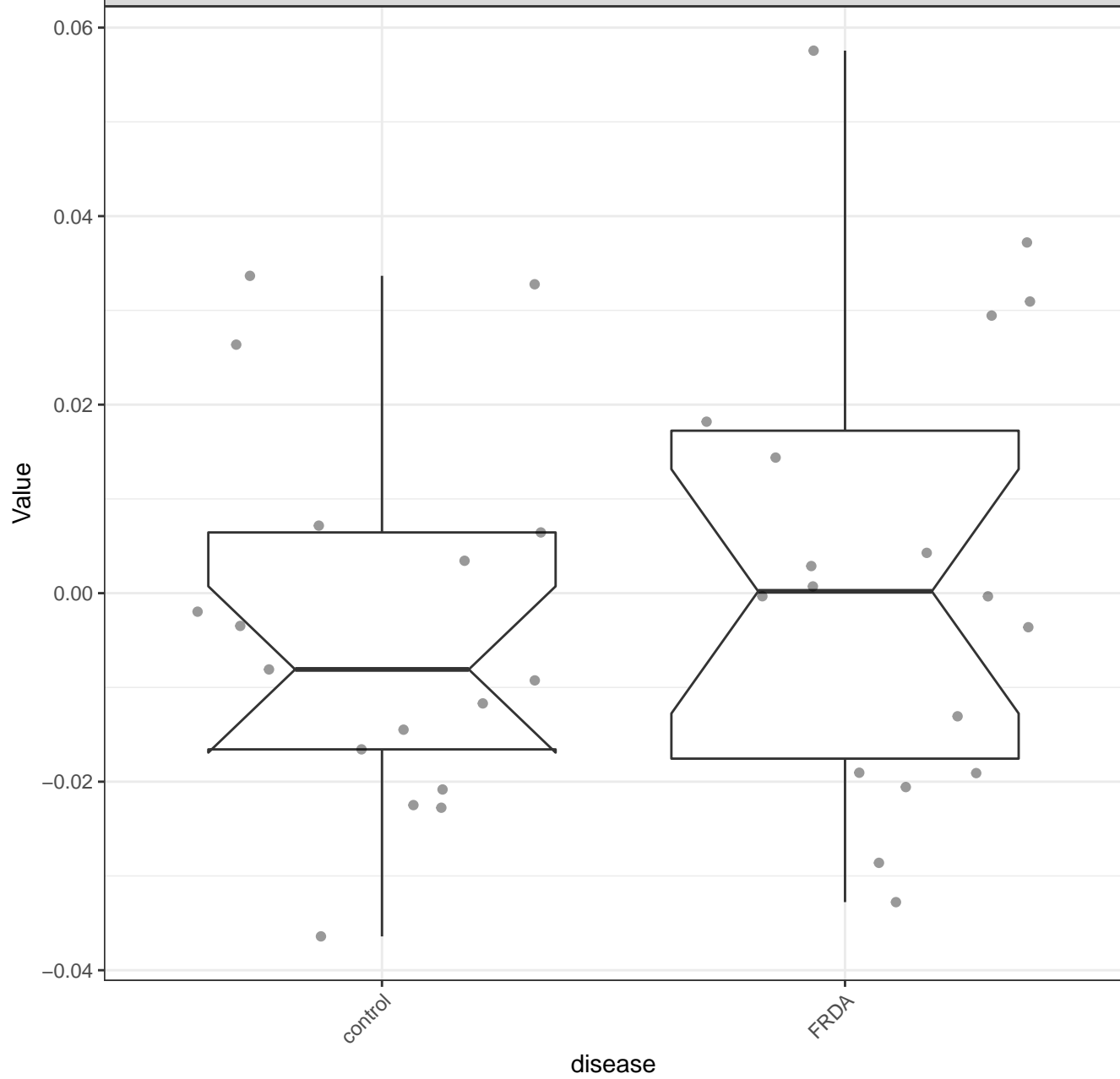
-0.02

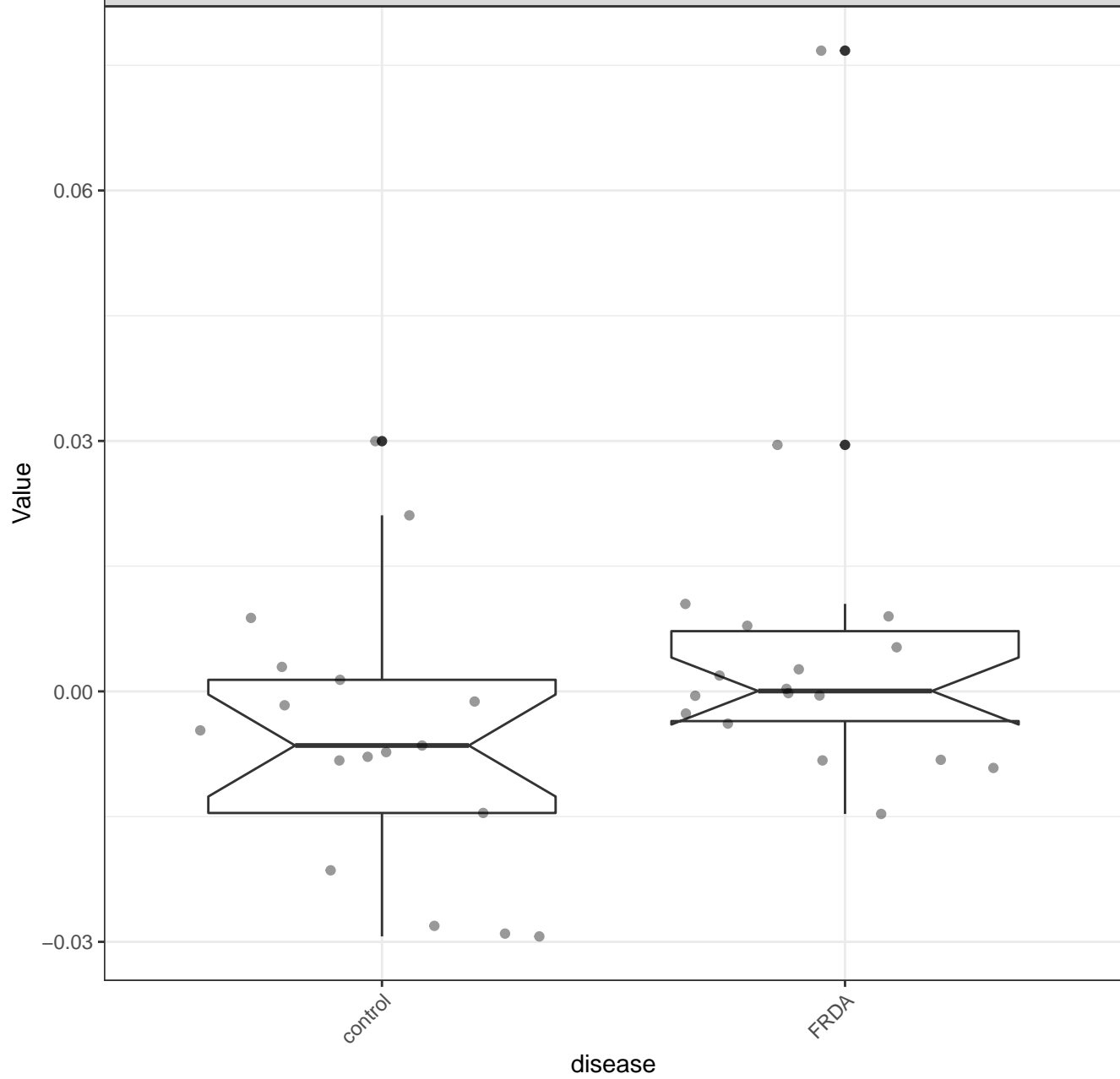
control

FRDA

disease









Value

0.05

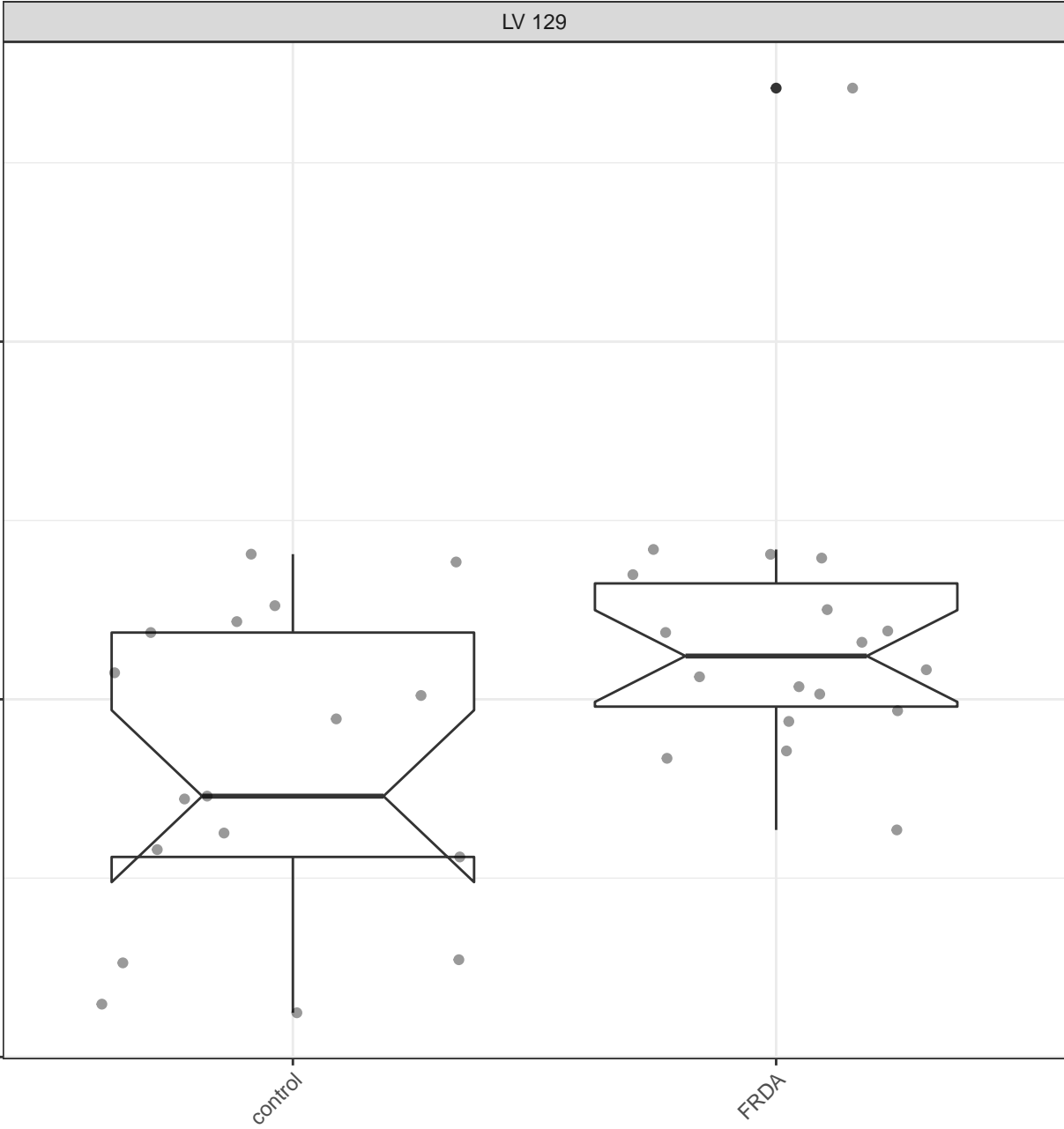
0.00

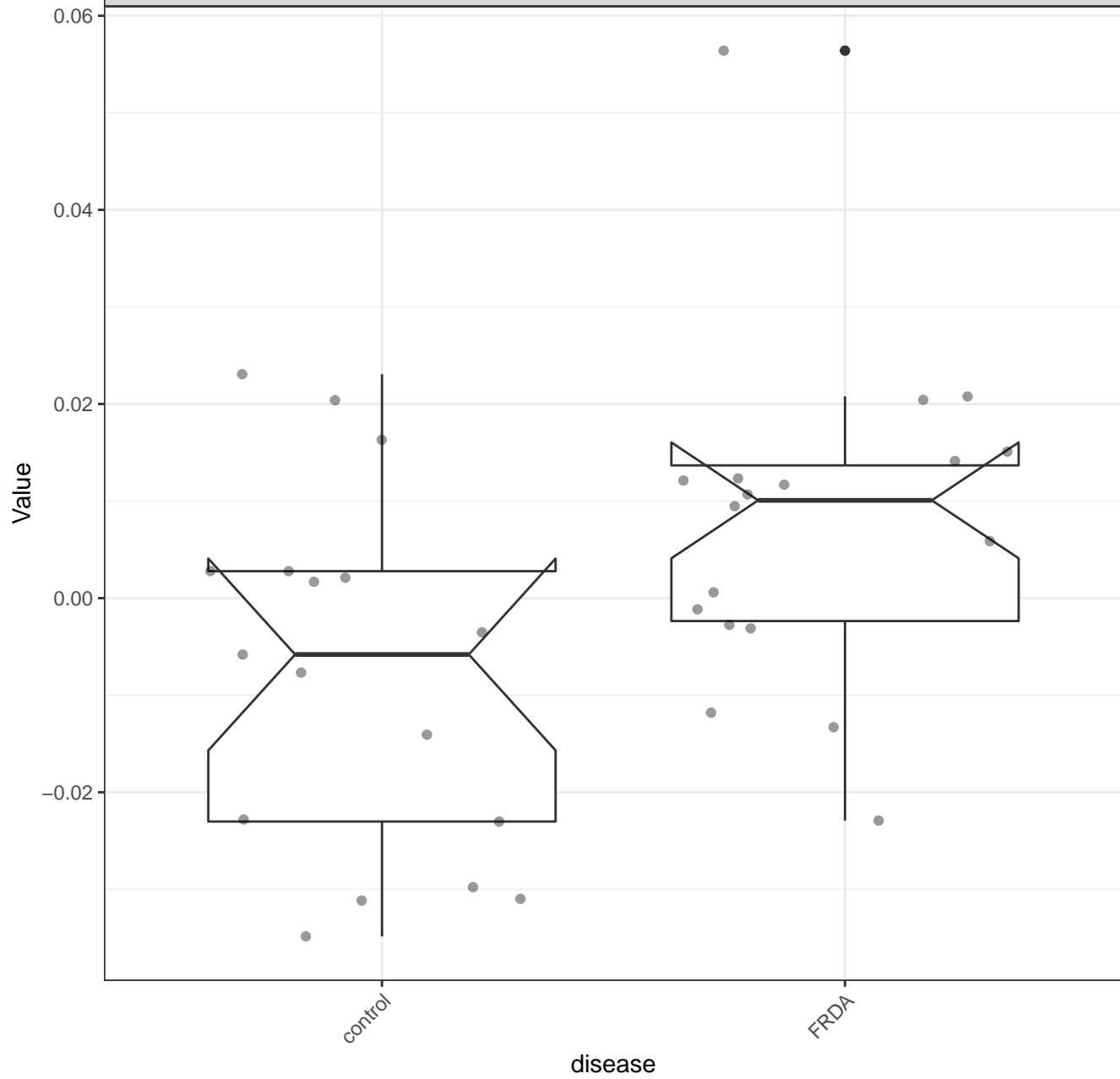
-0.05

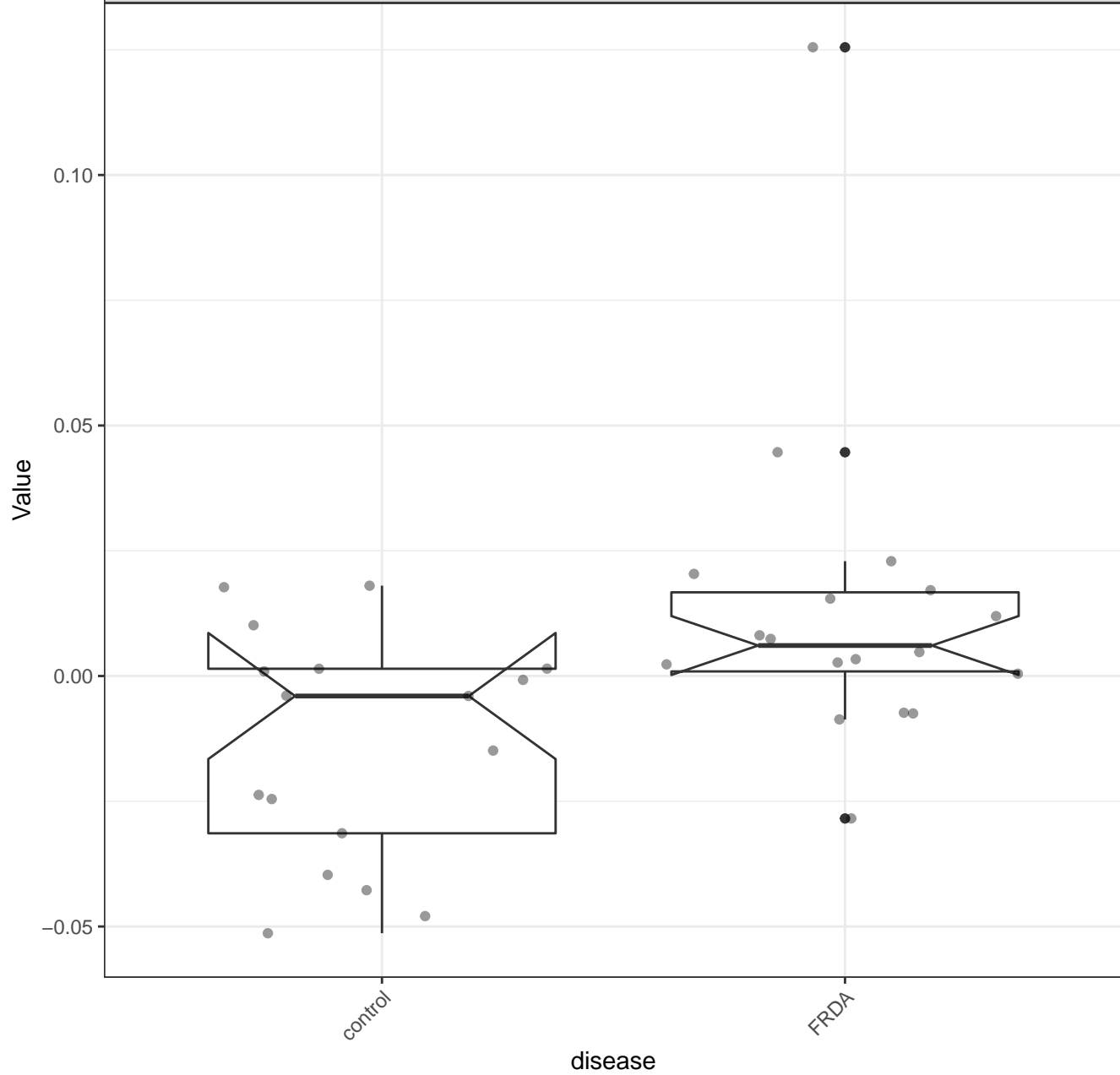
control

disease

FRDA









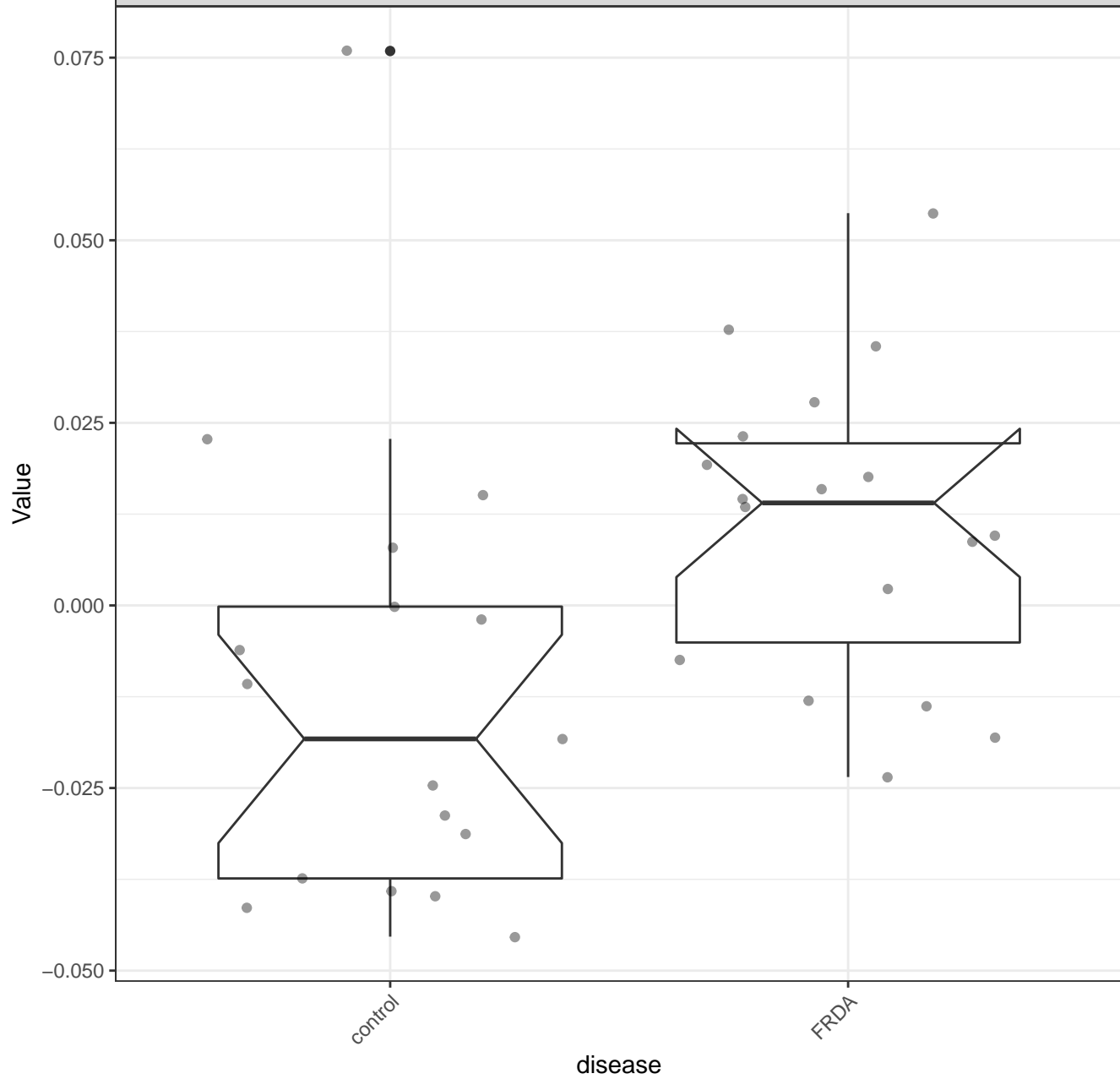
disease

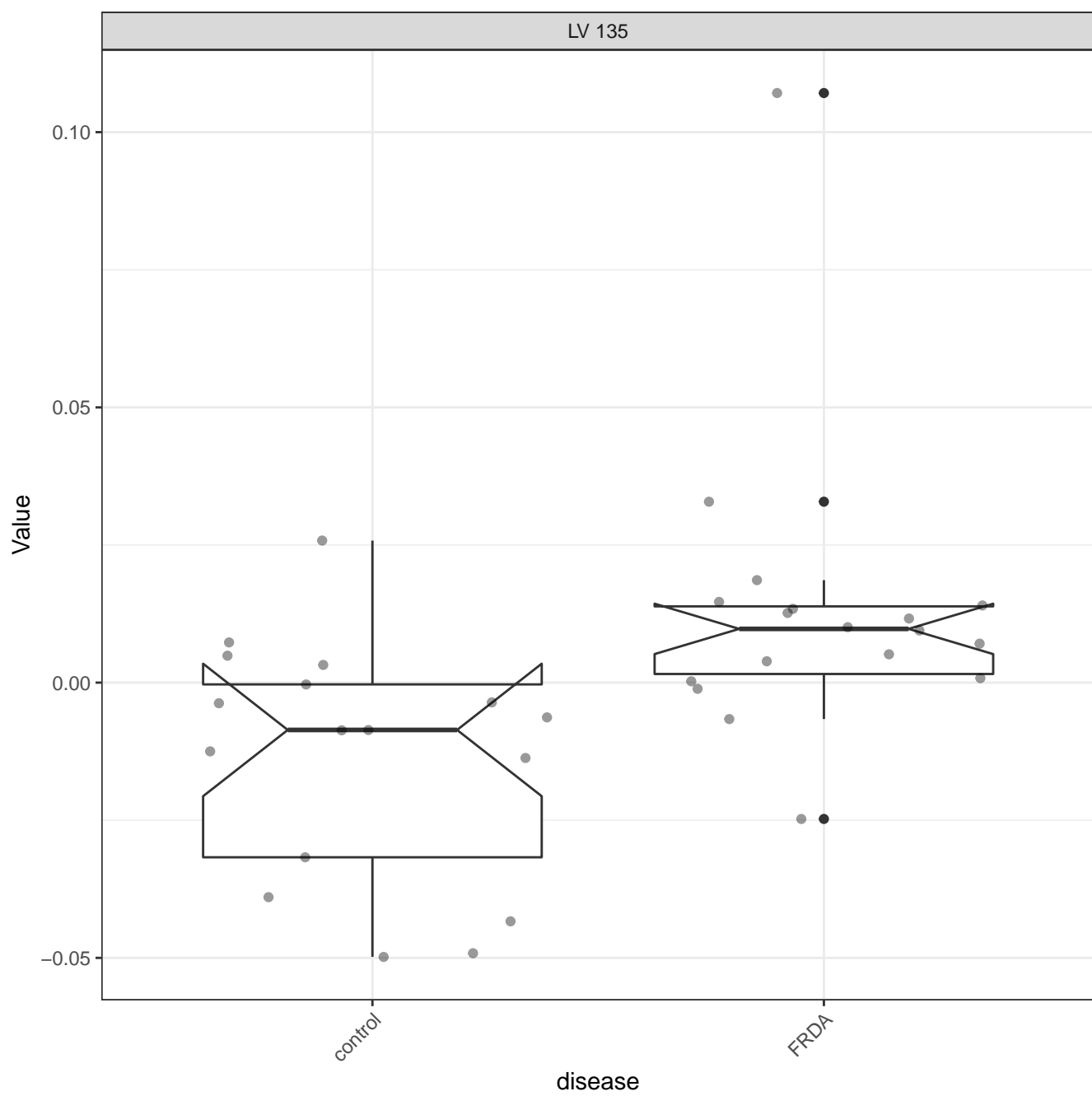


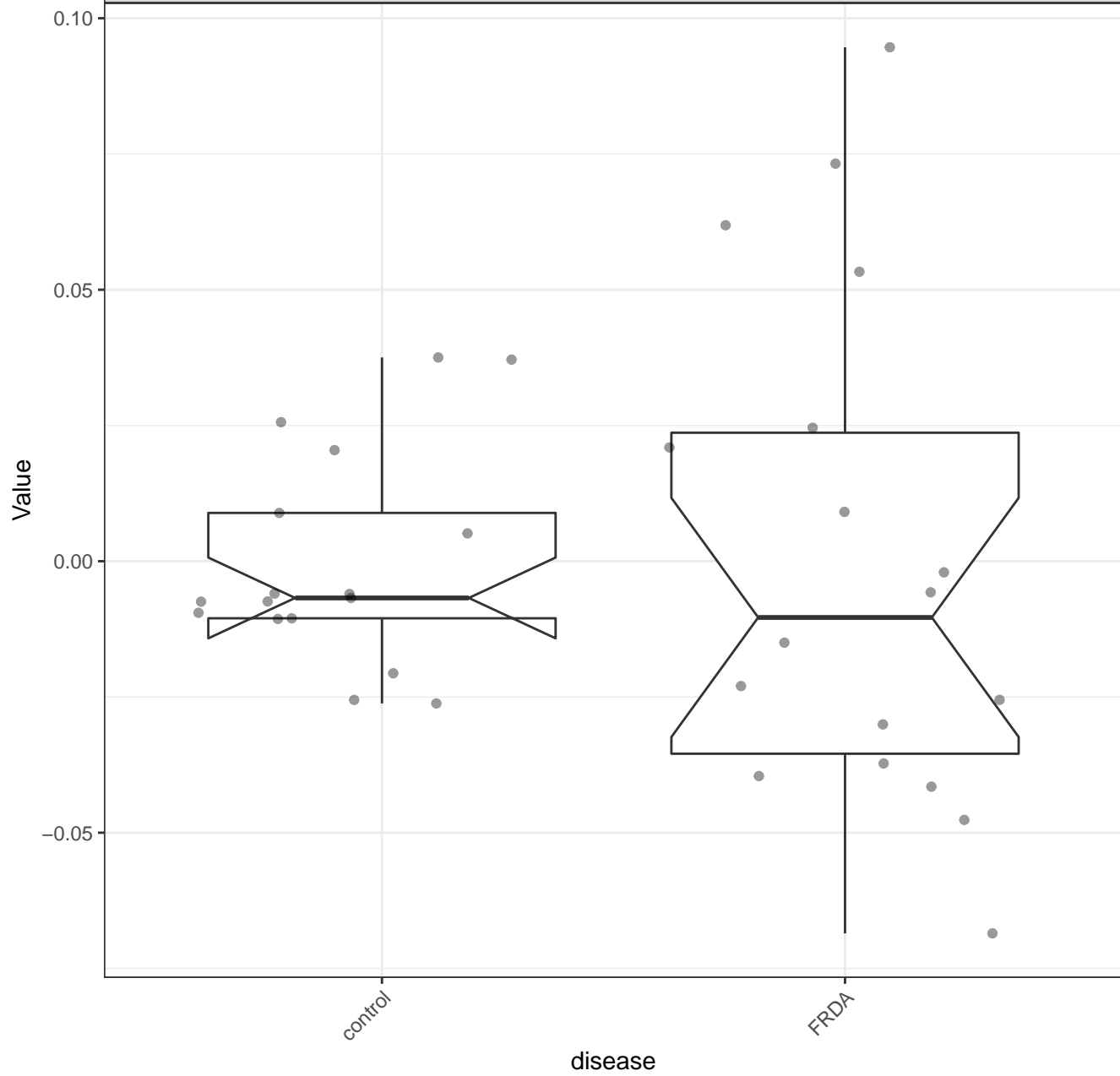
control

FRDA

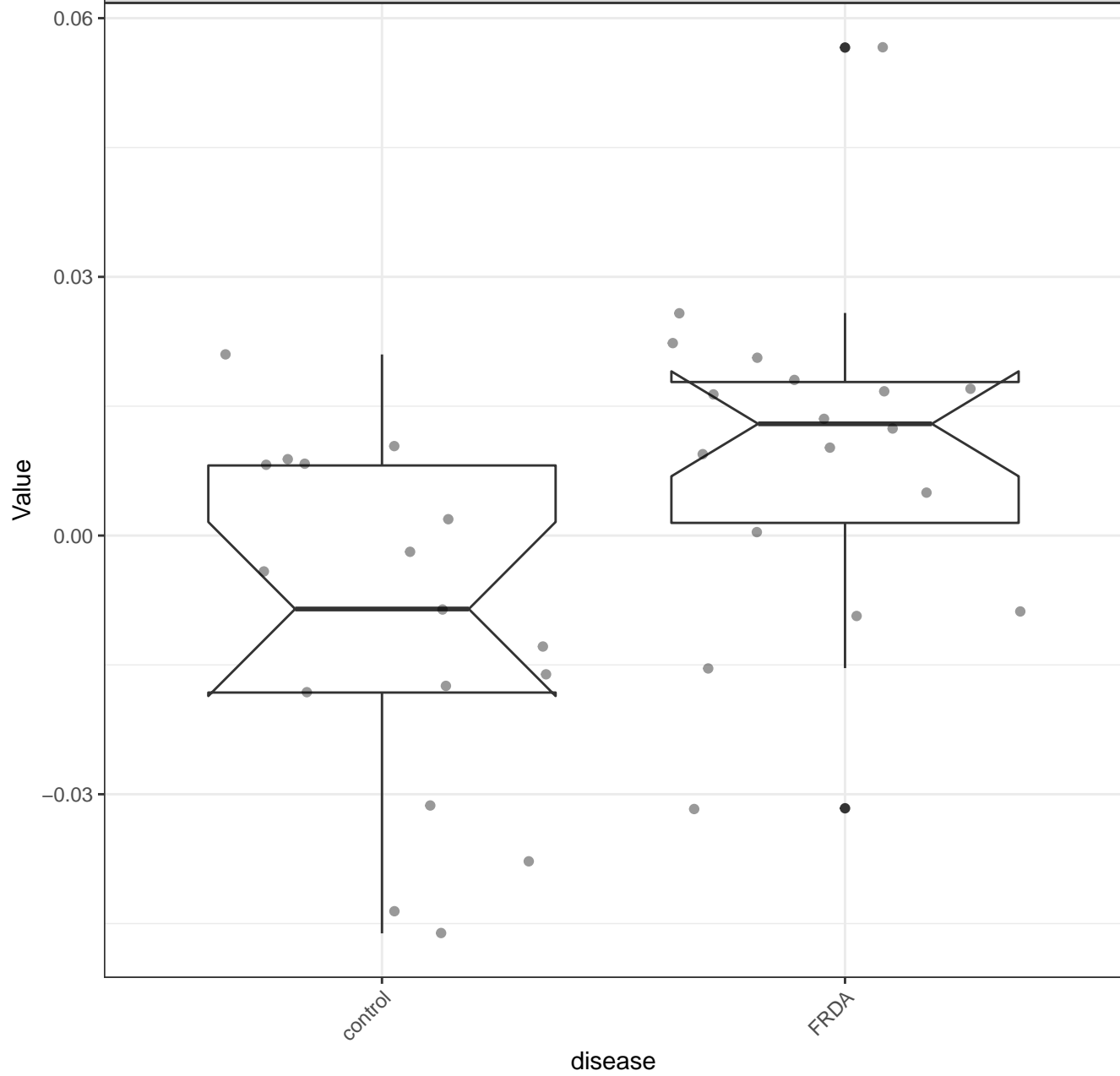
disease

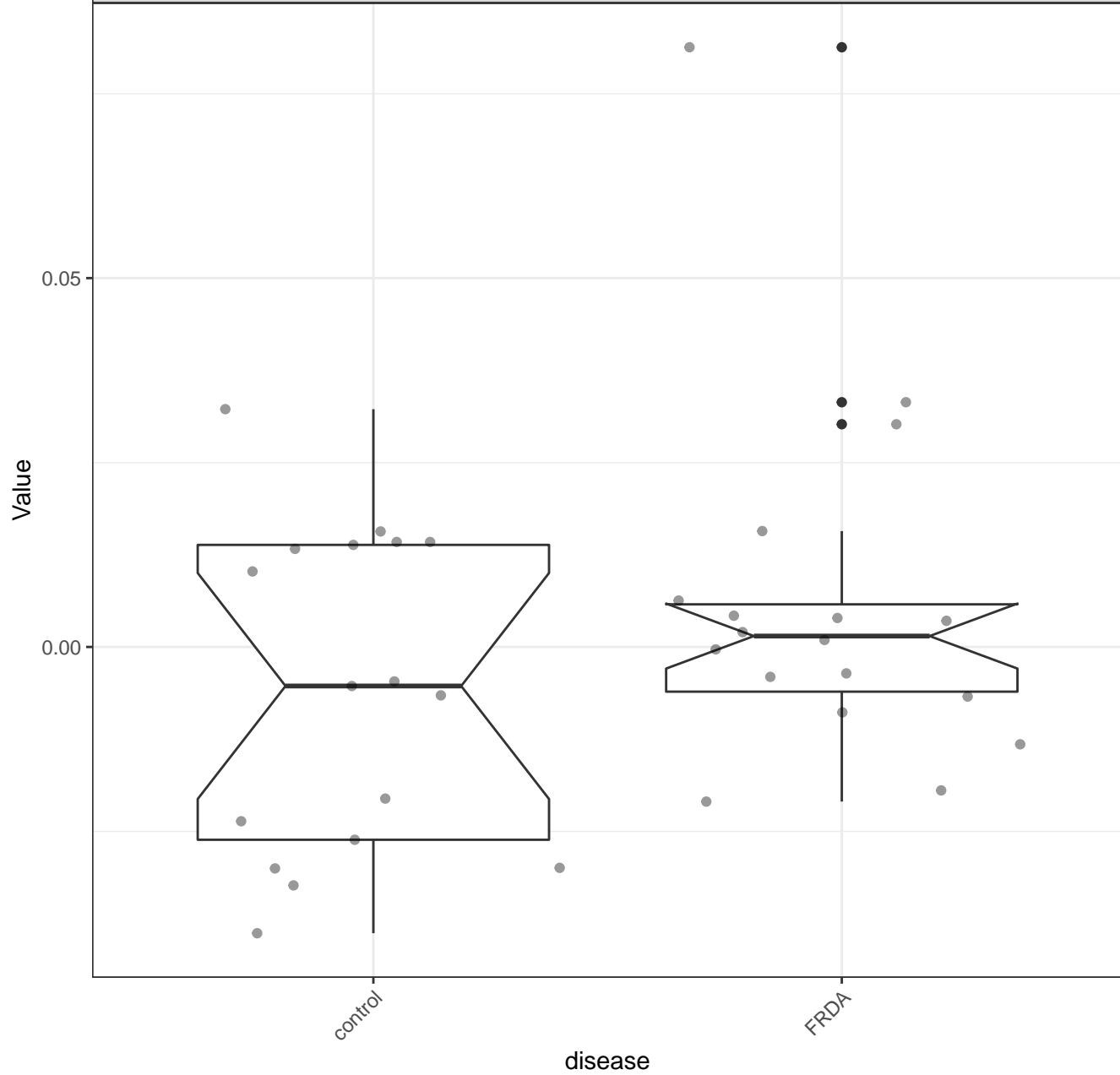


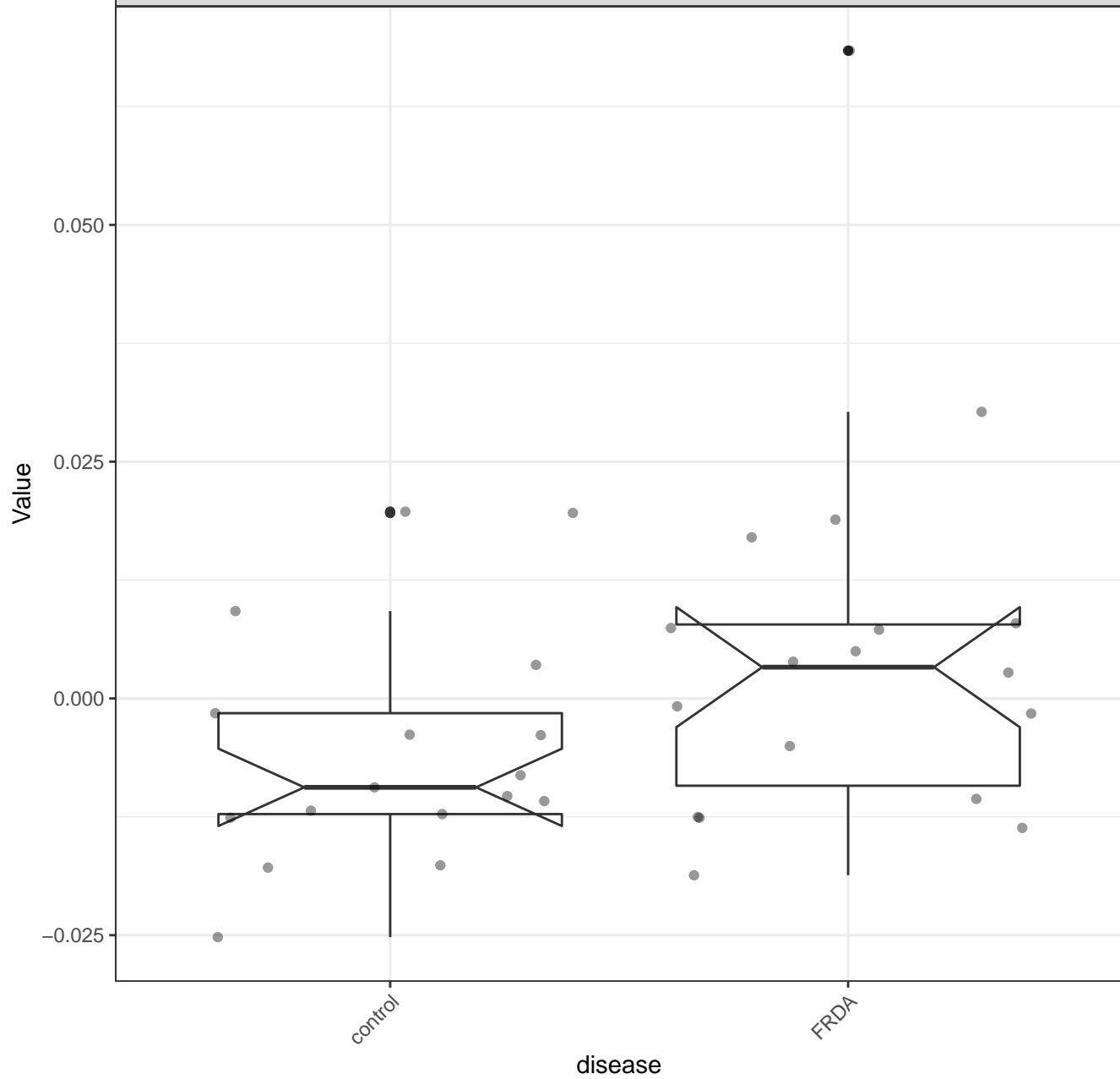


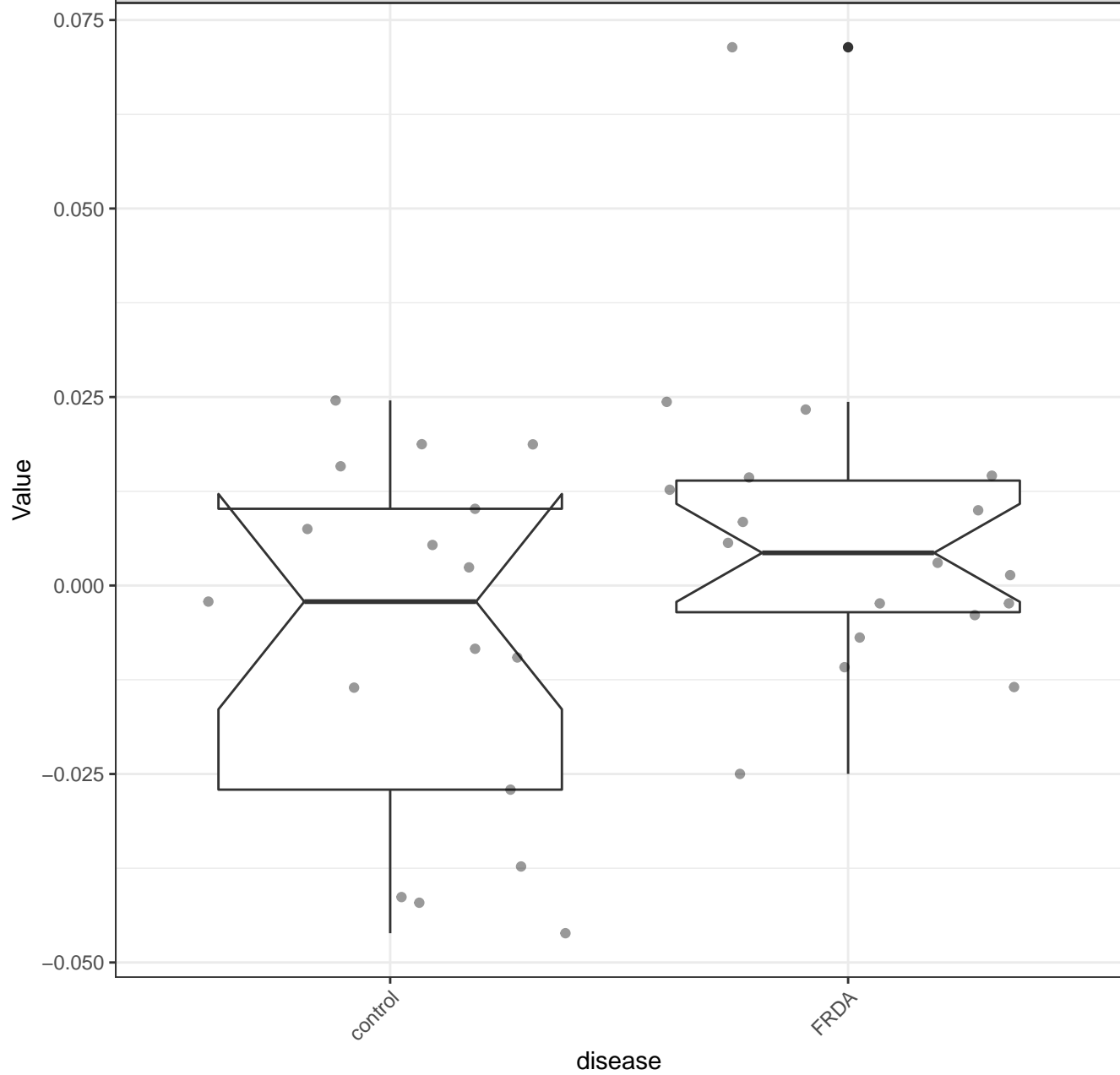












Value

0.10

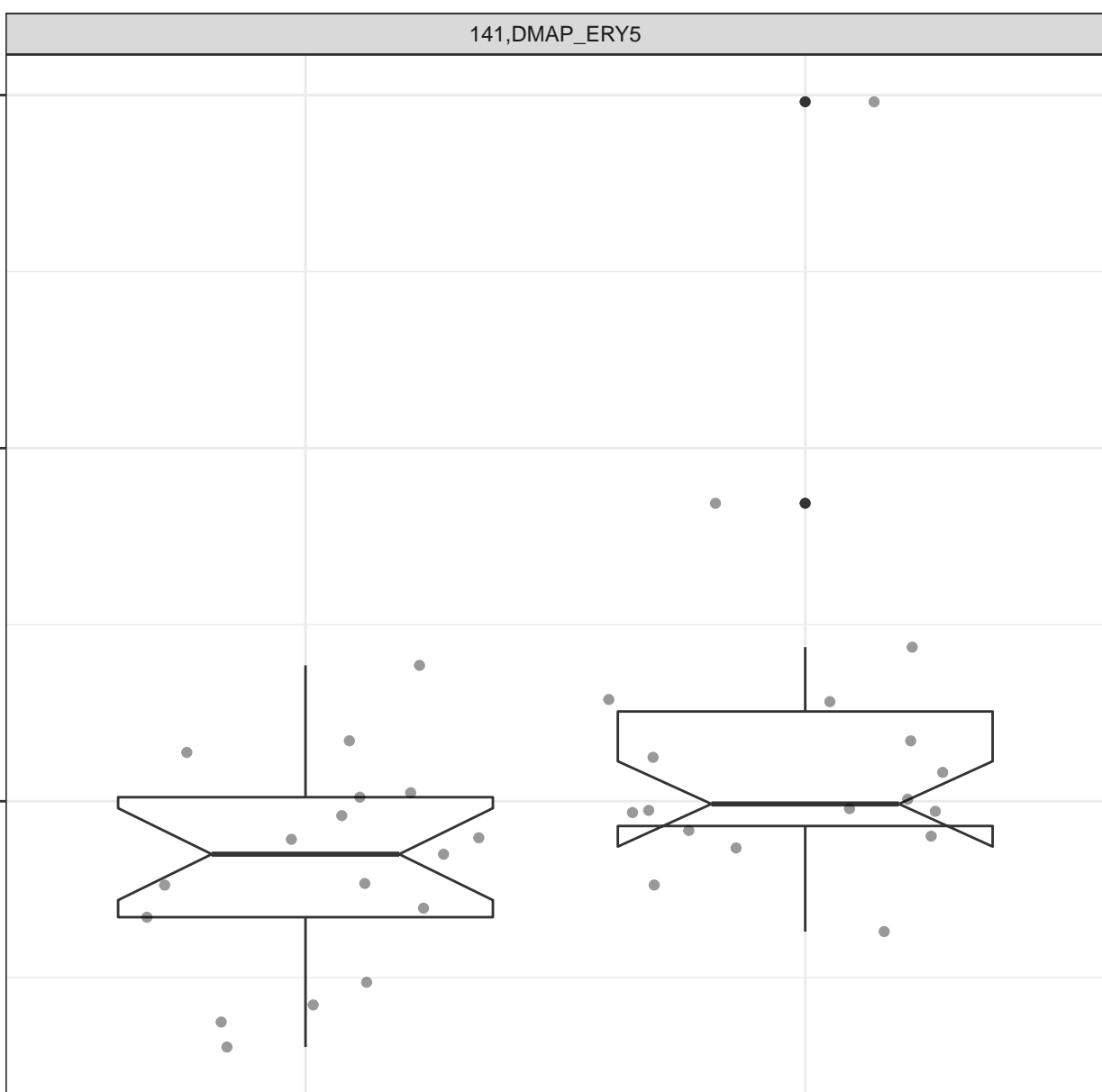
0.05

0.00

control

FRDA

disease



Value

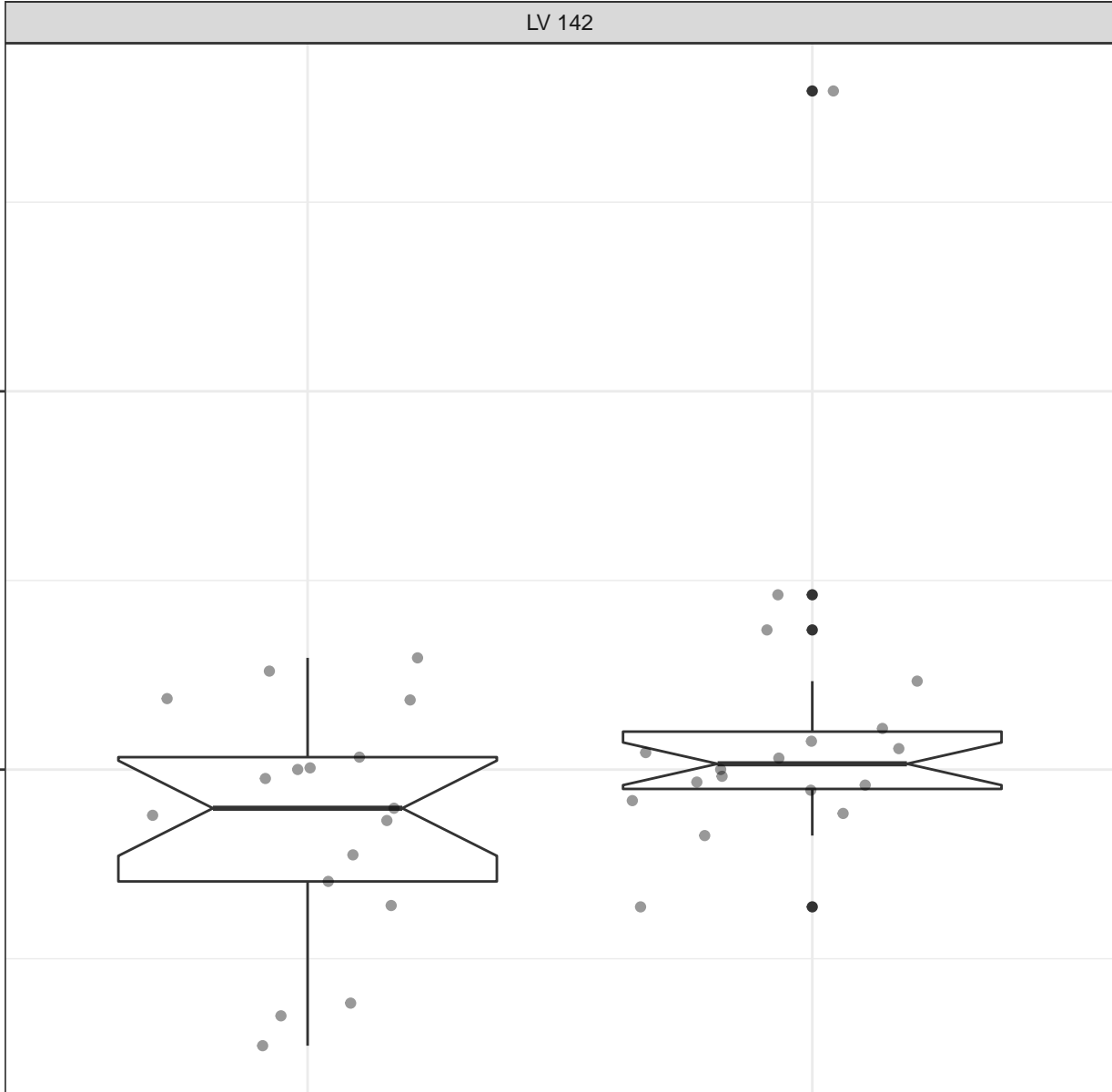
0.05

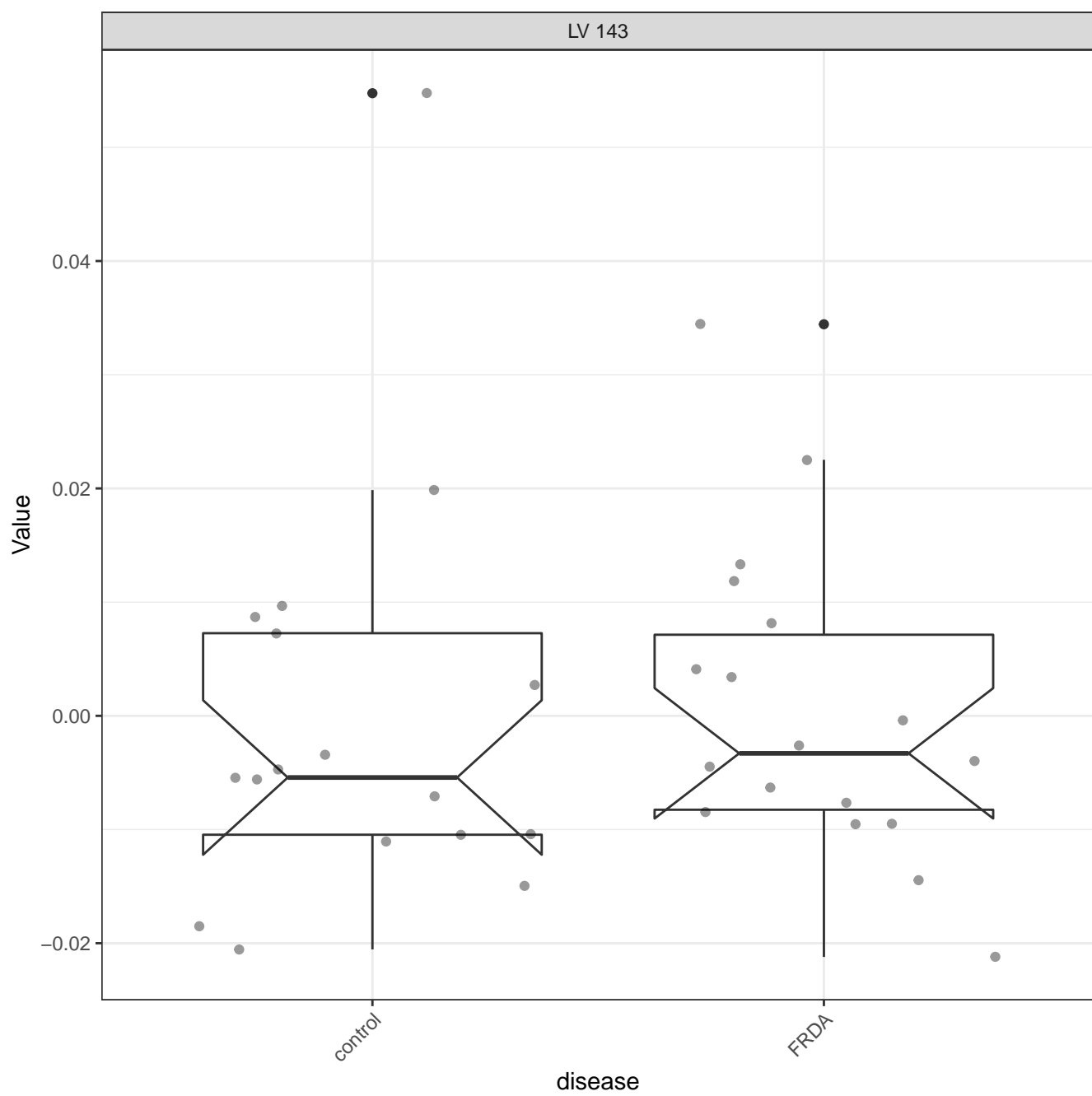
0.00

control

disease

FRDA



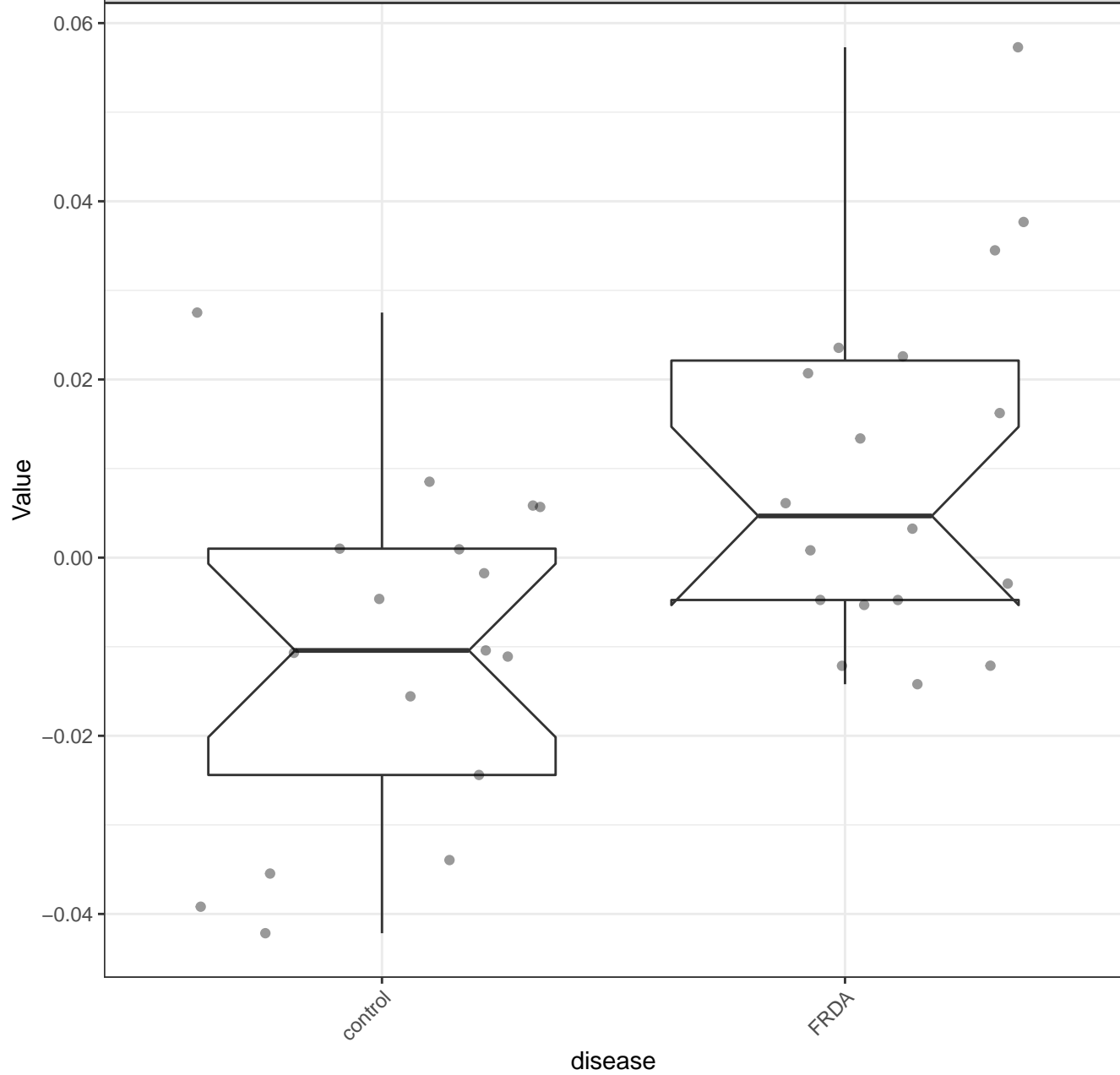


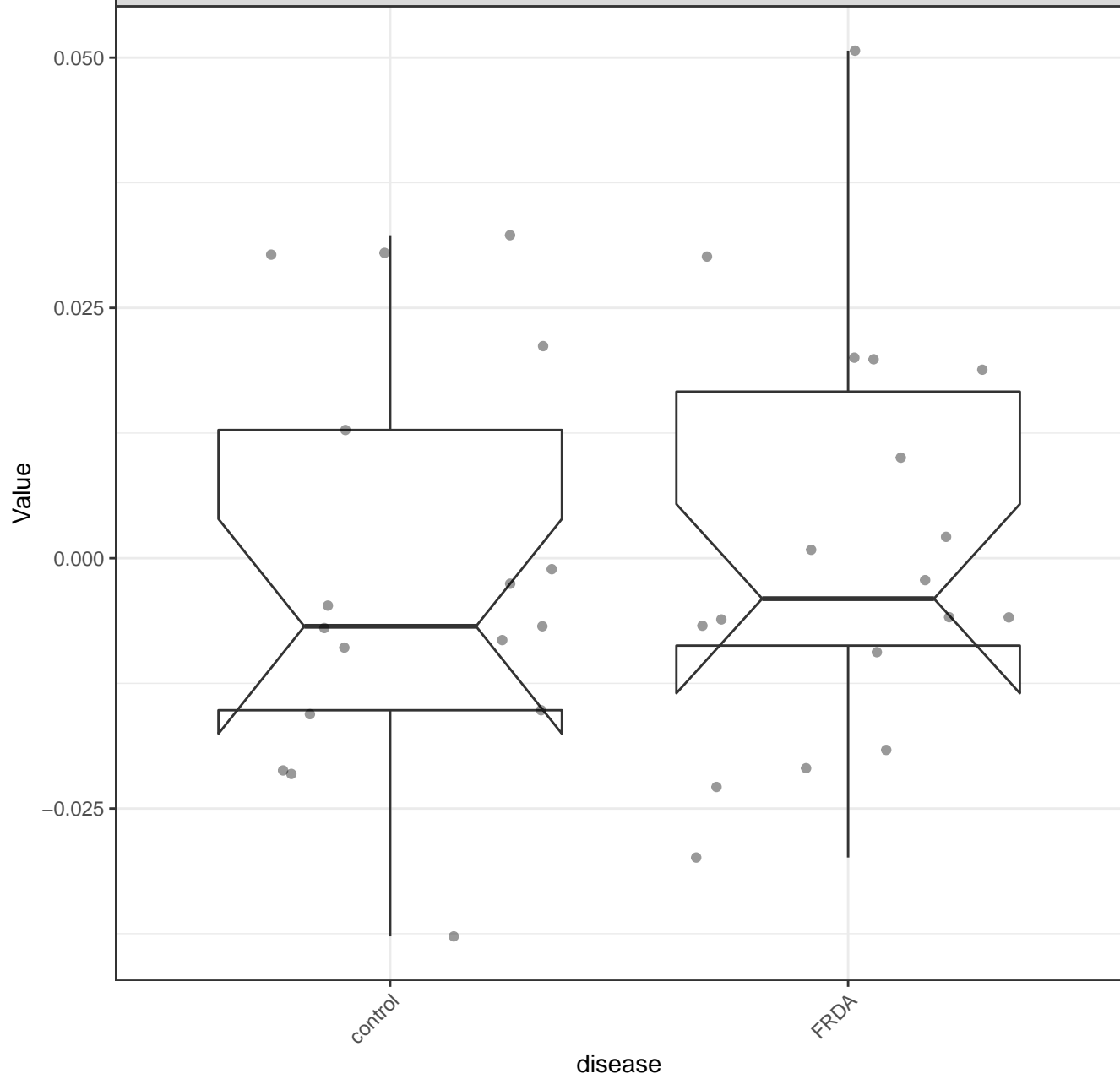
control

disease

FRDA







Value

0.2

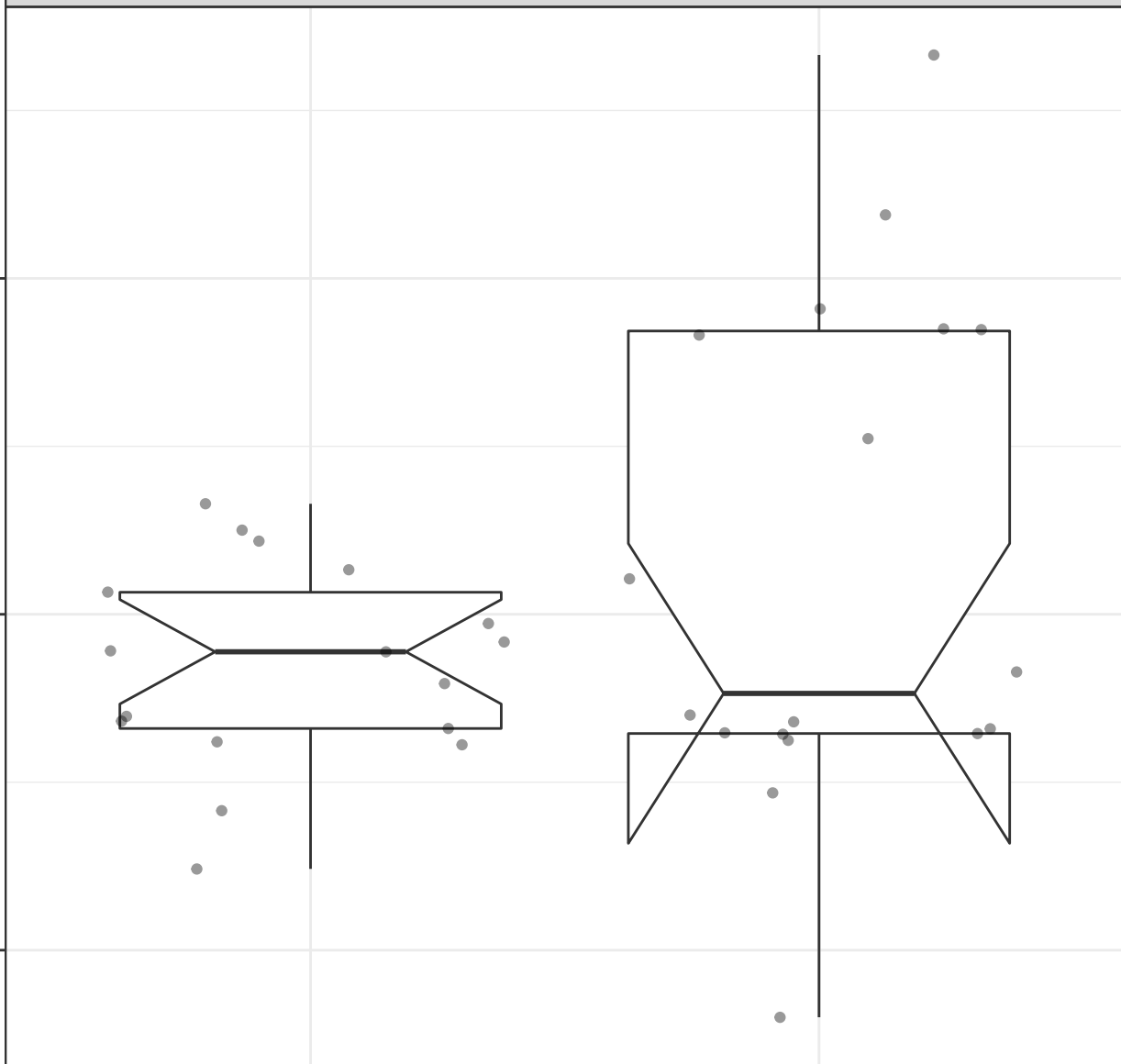
0.0

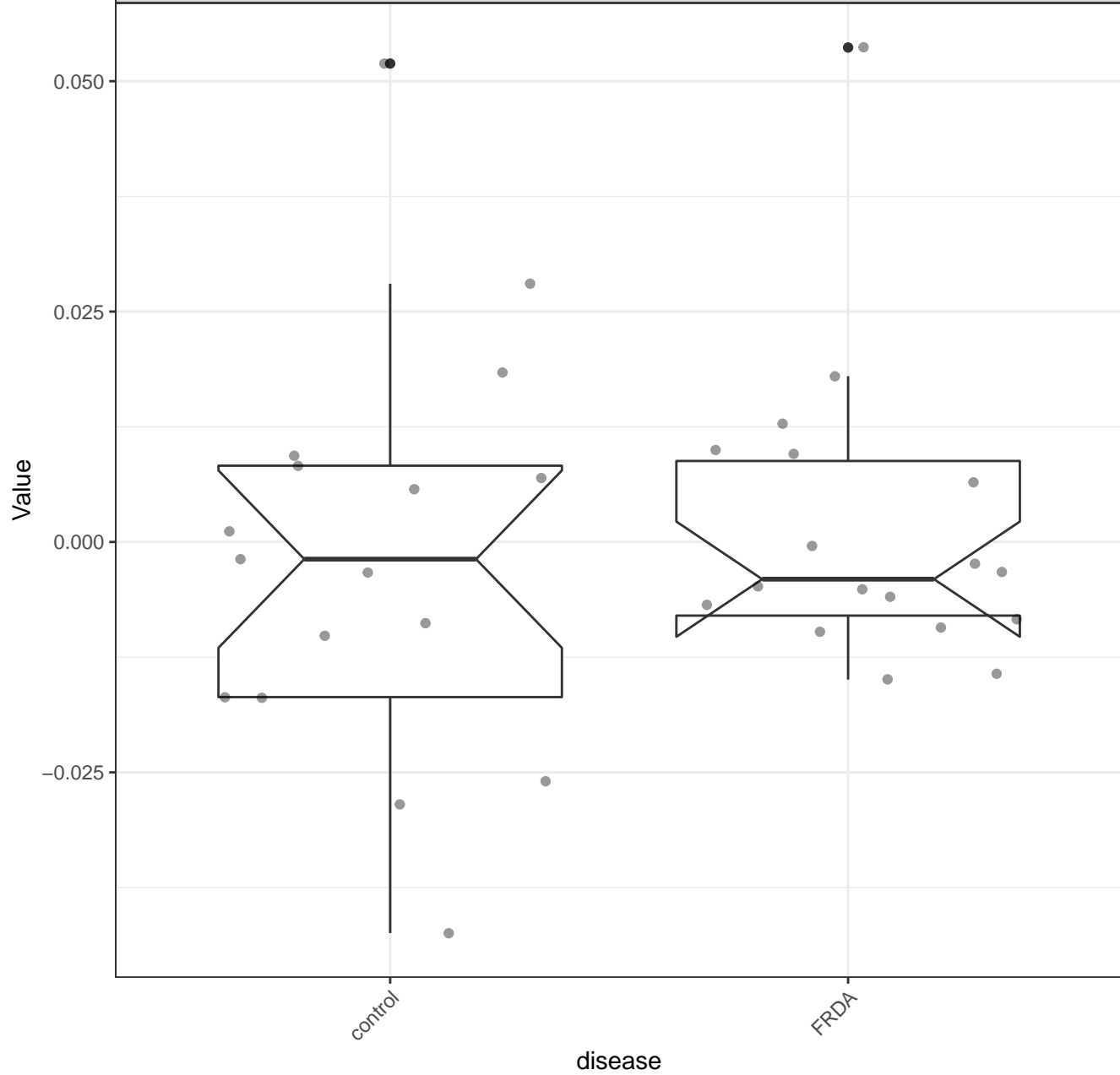
-0.2

control

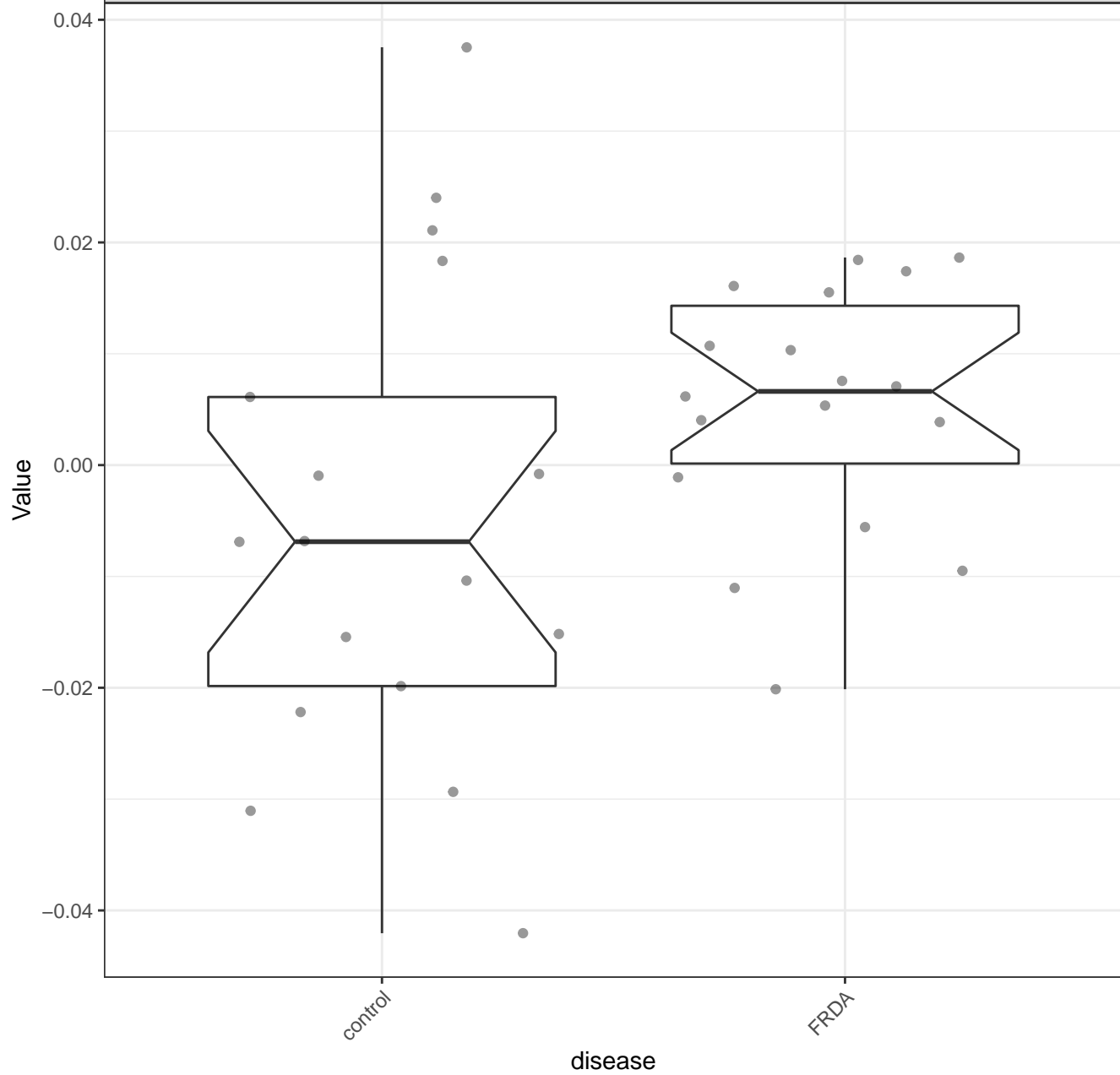
disease

FRDA









Value

0.04

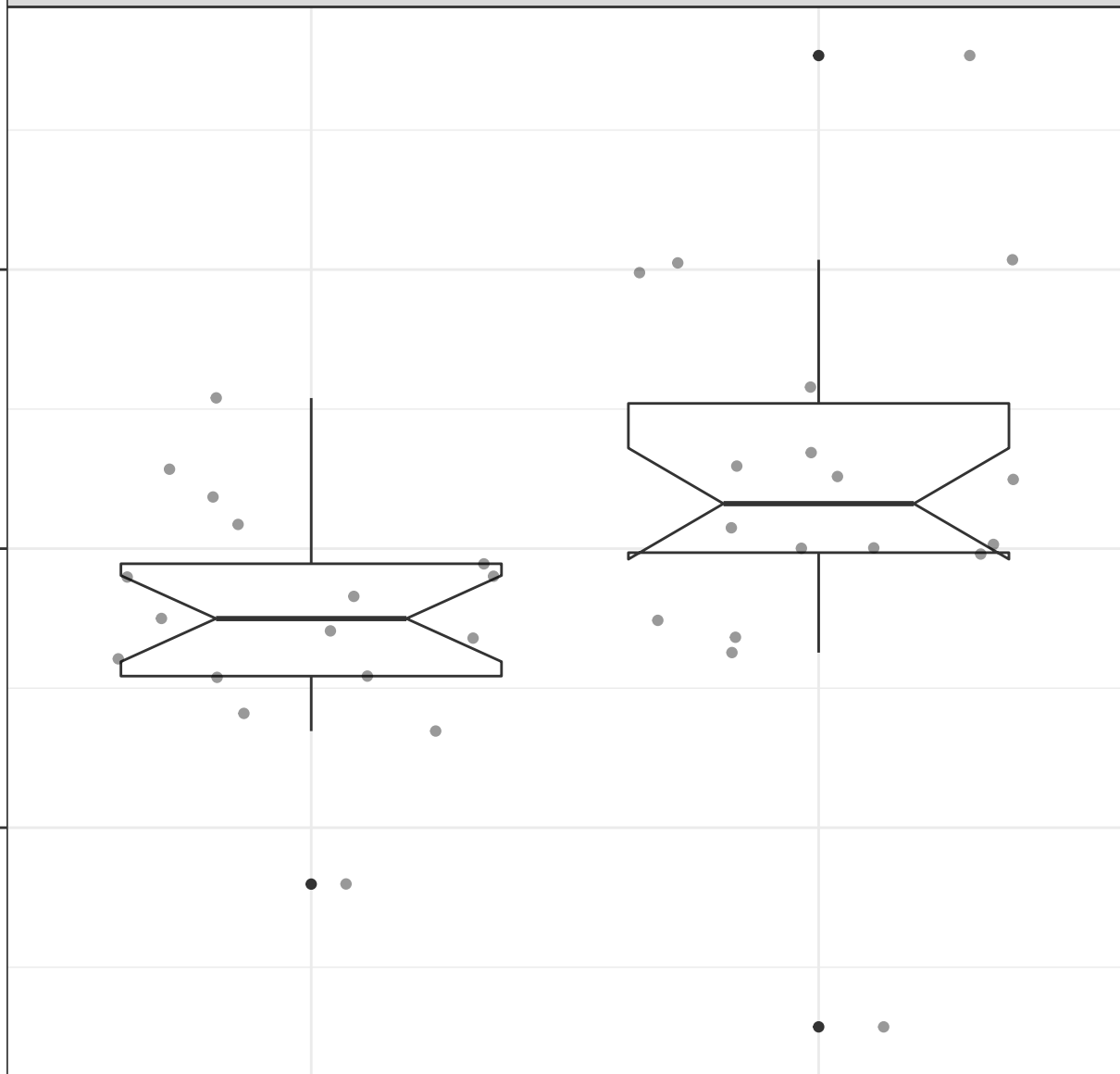
0.00

-0.04

control

disease

FRDA



Value

0.075

0.050

0.025

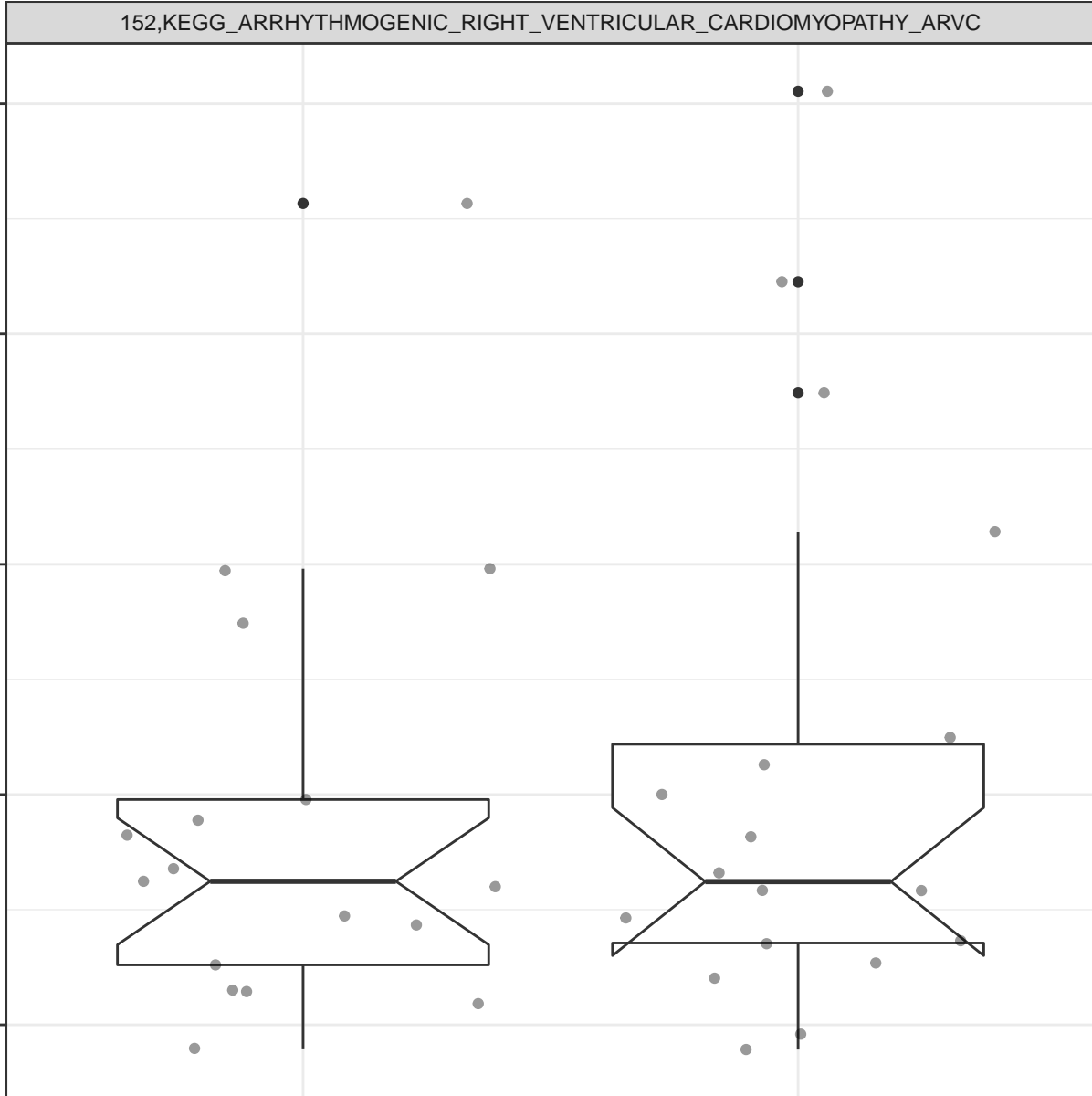
0.000

-0.025

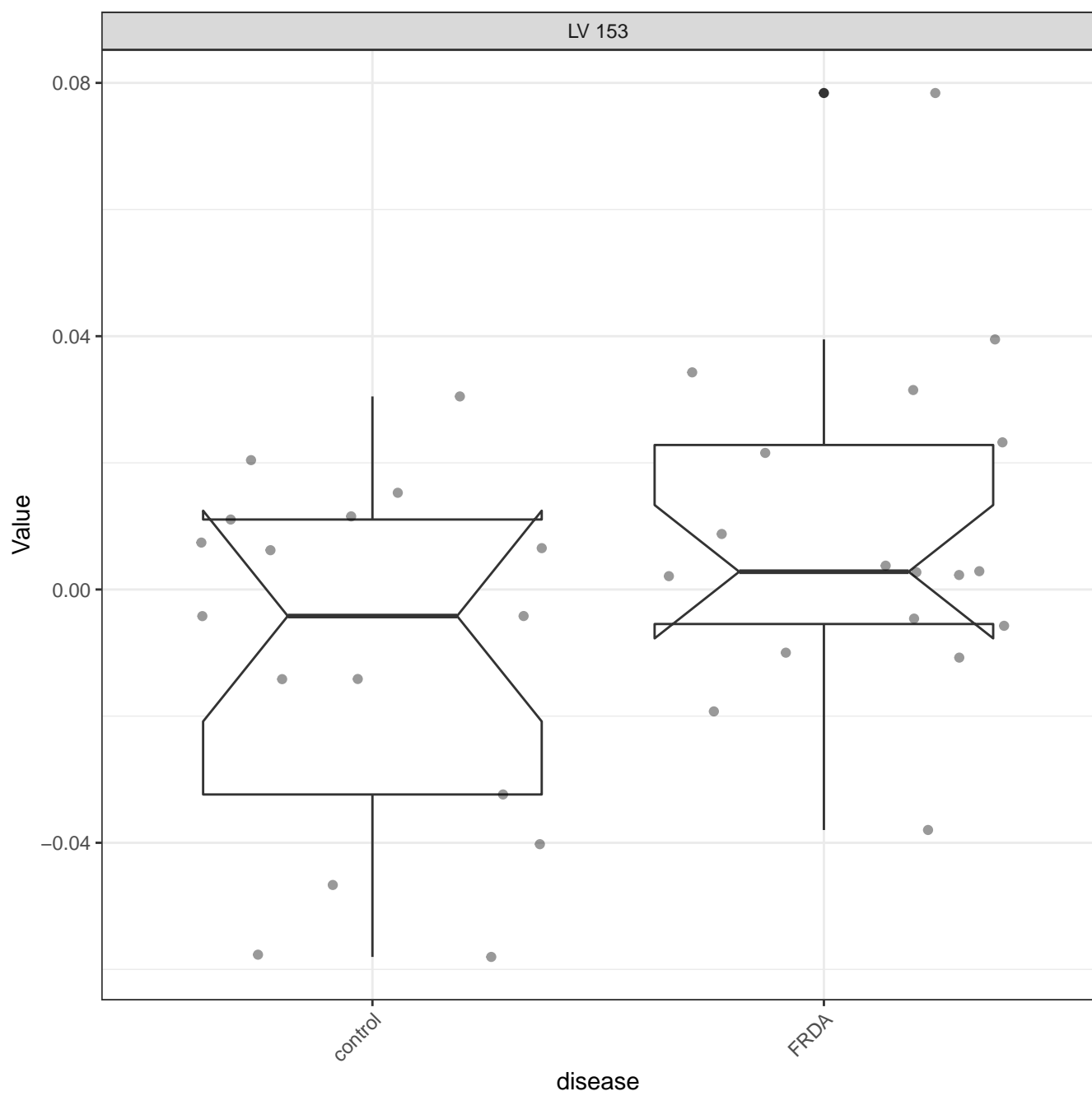
control

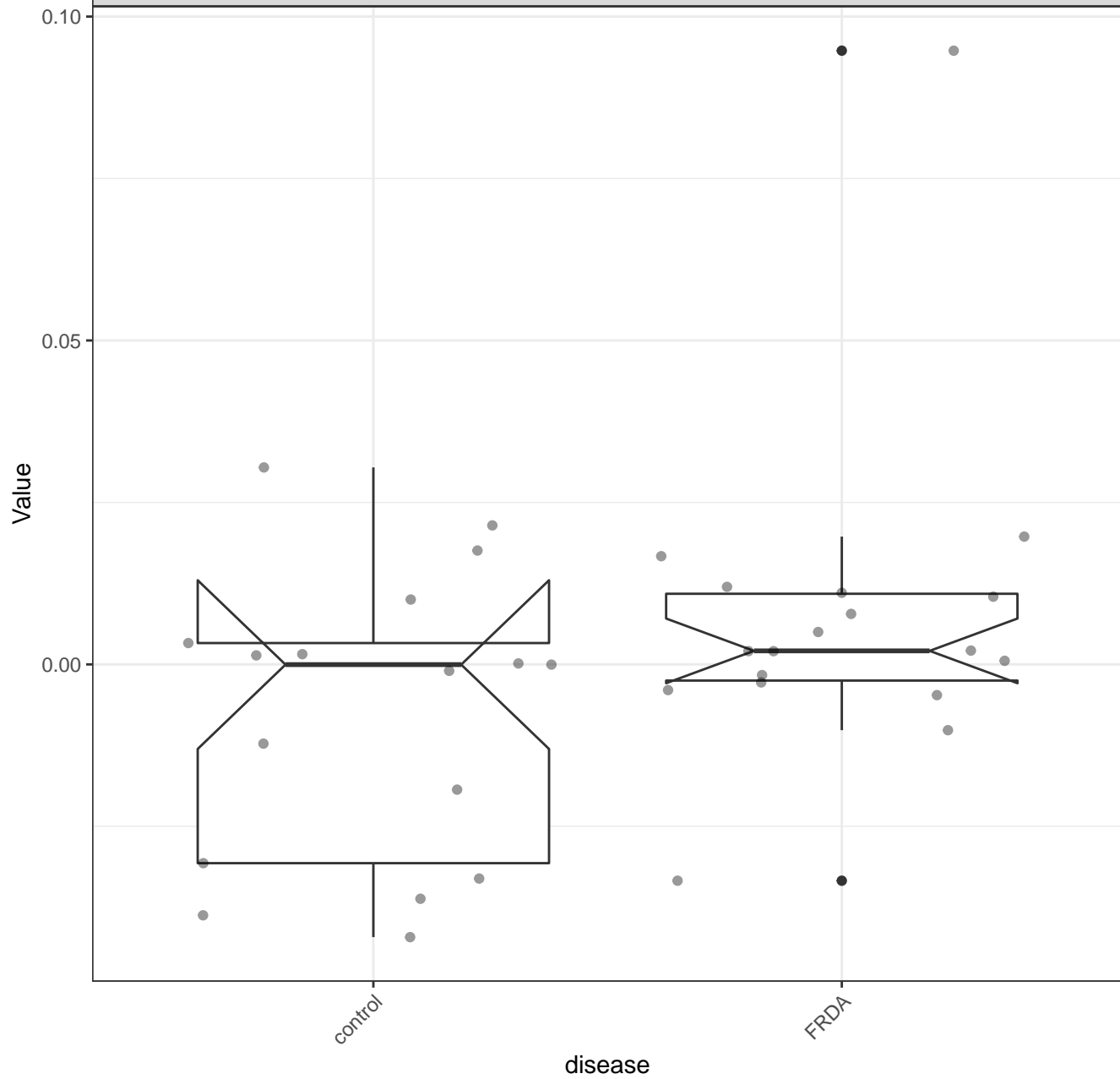
FRDA

disease







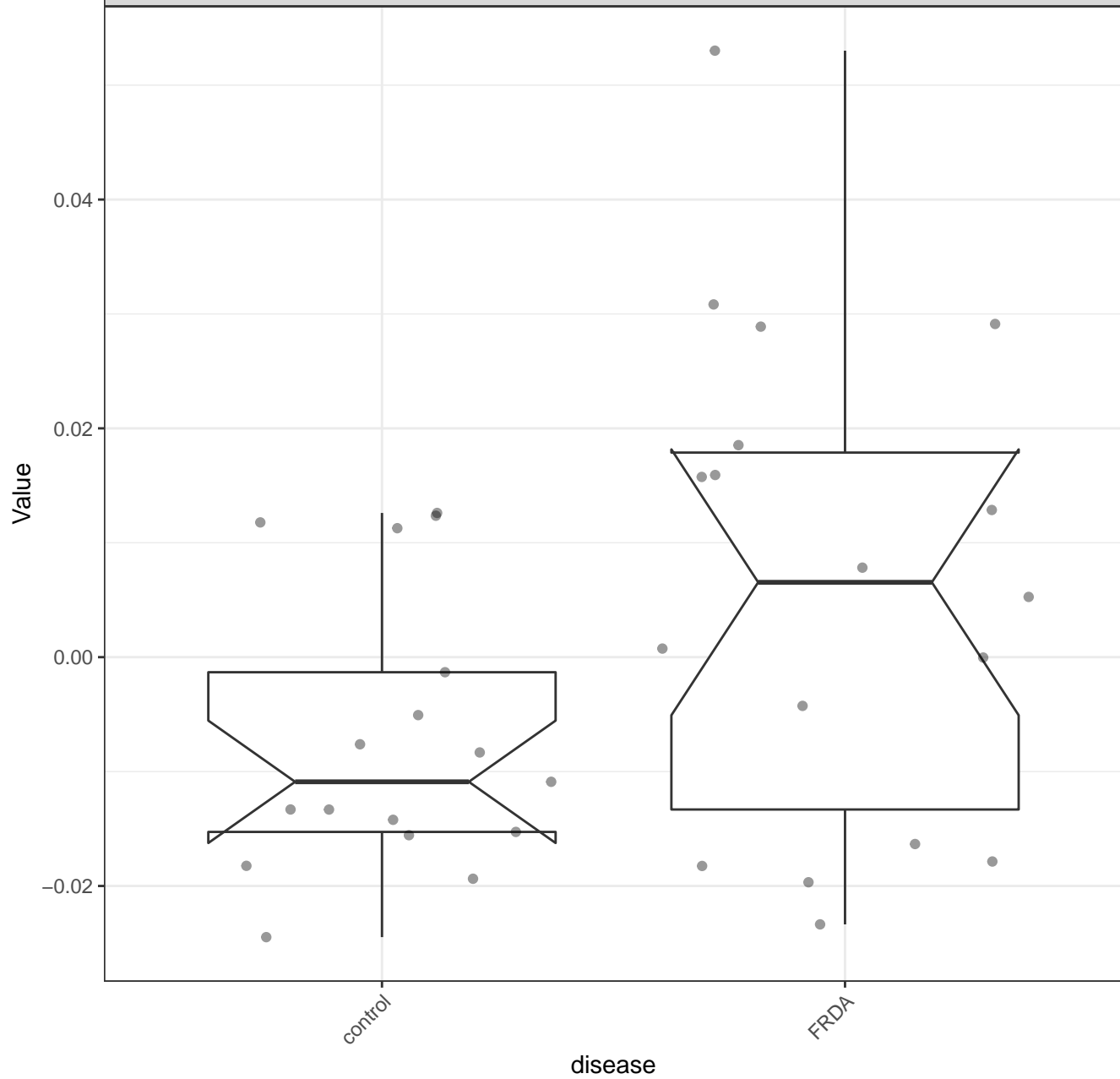


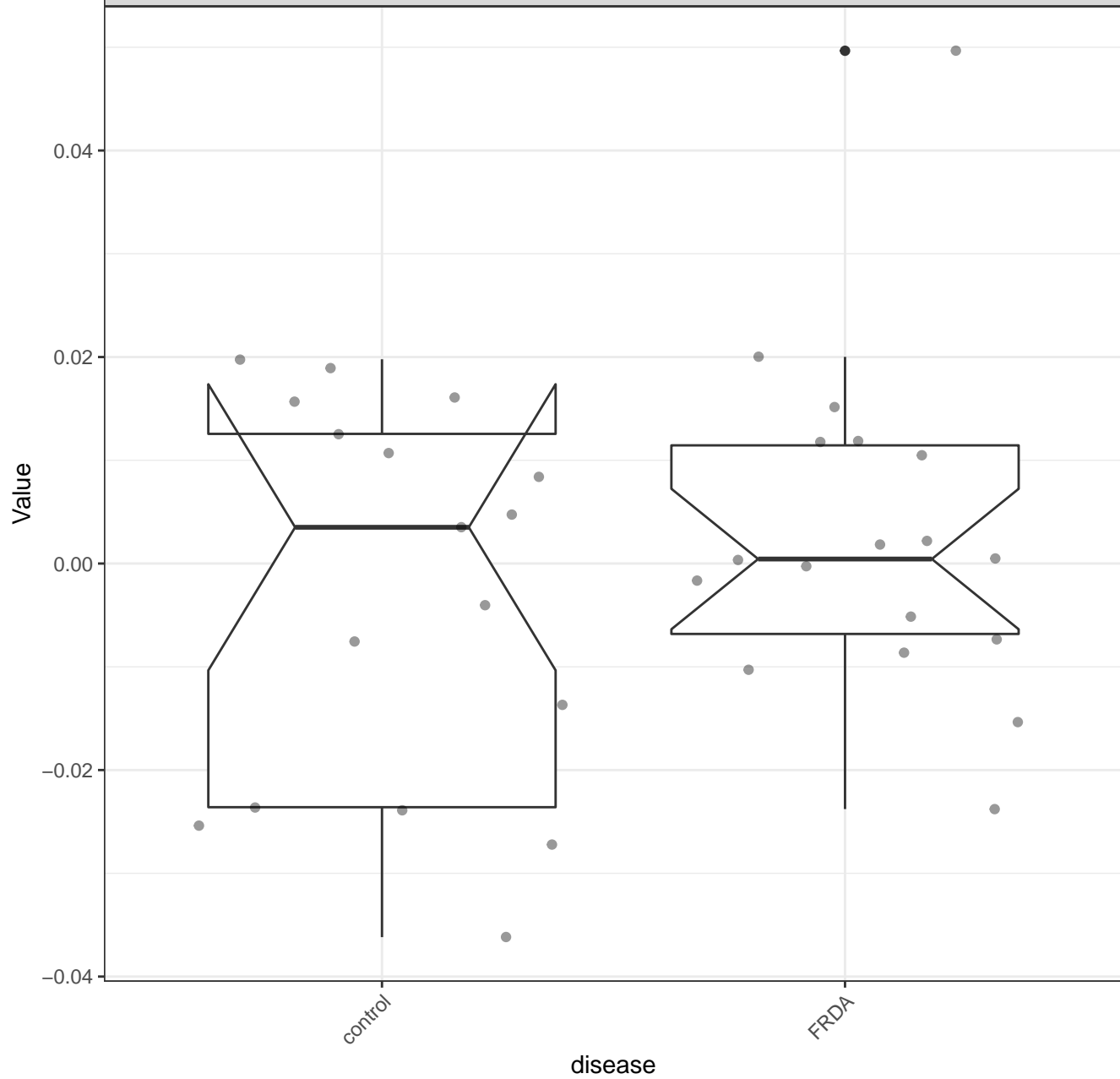


control

FRDA

disease





LV 158

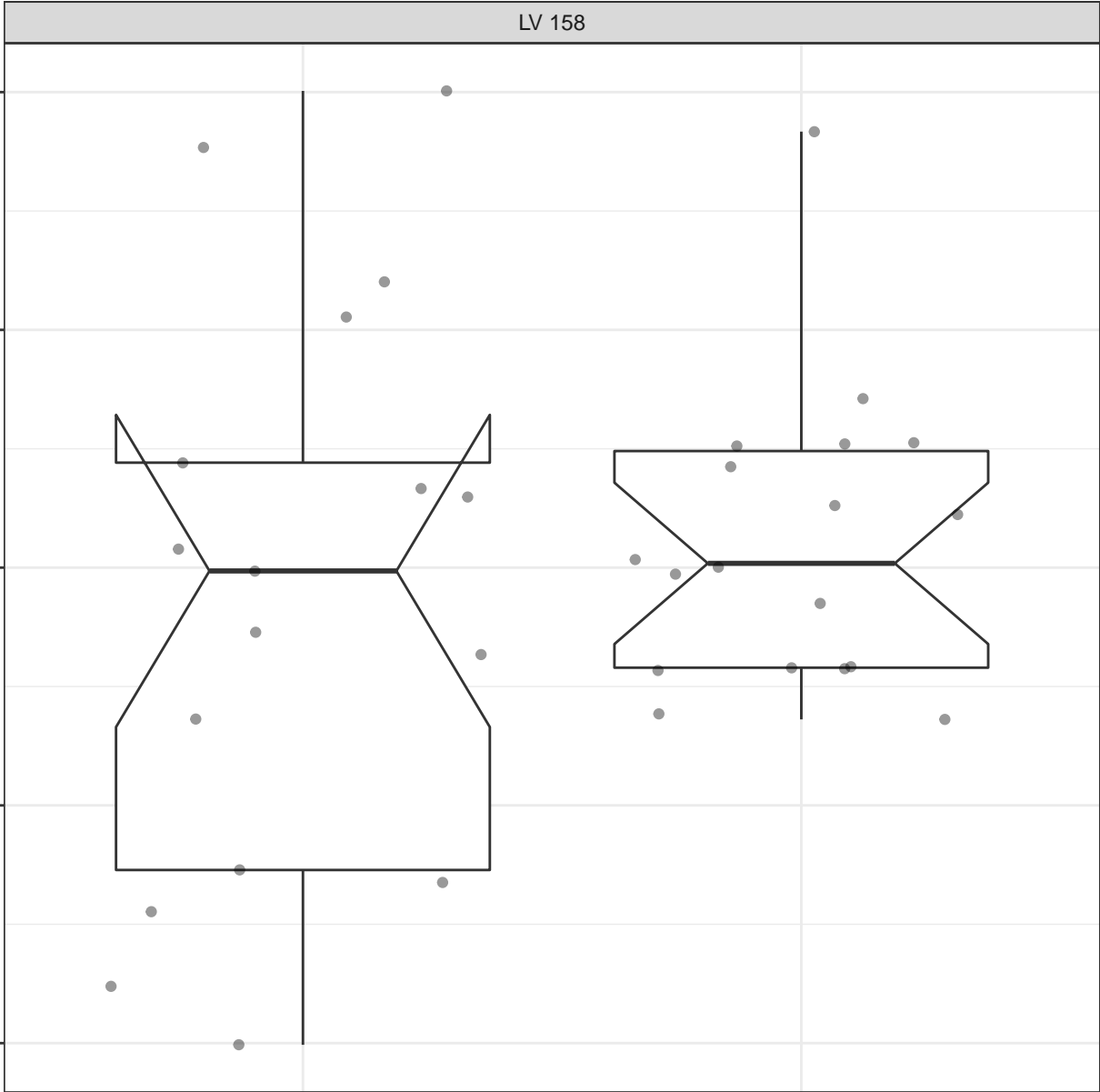
Value

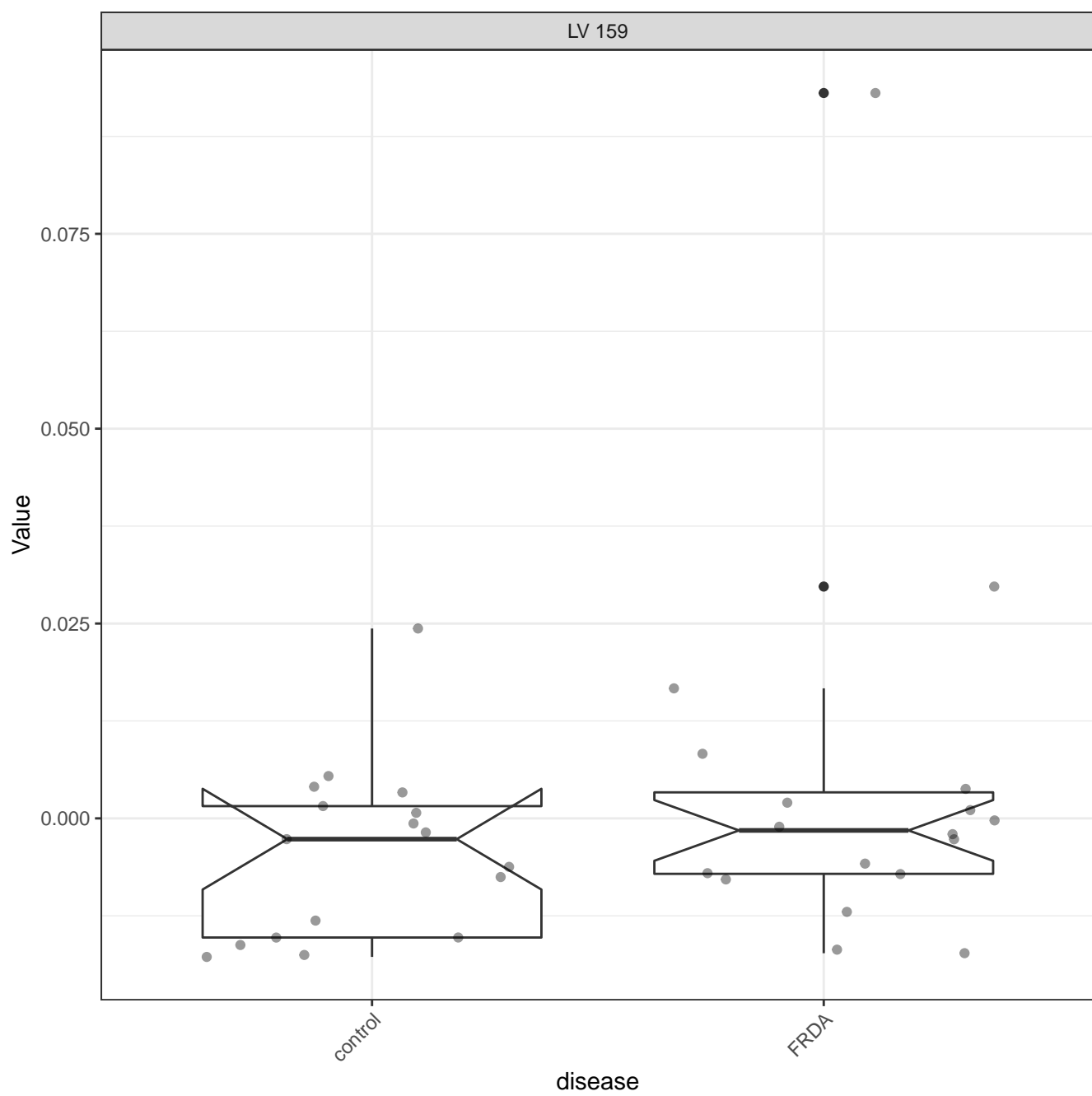
control

FRDA

disease

0.02  
0.01  
0.00  
-0.01  
-0.02





LV 160

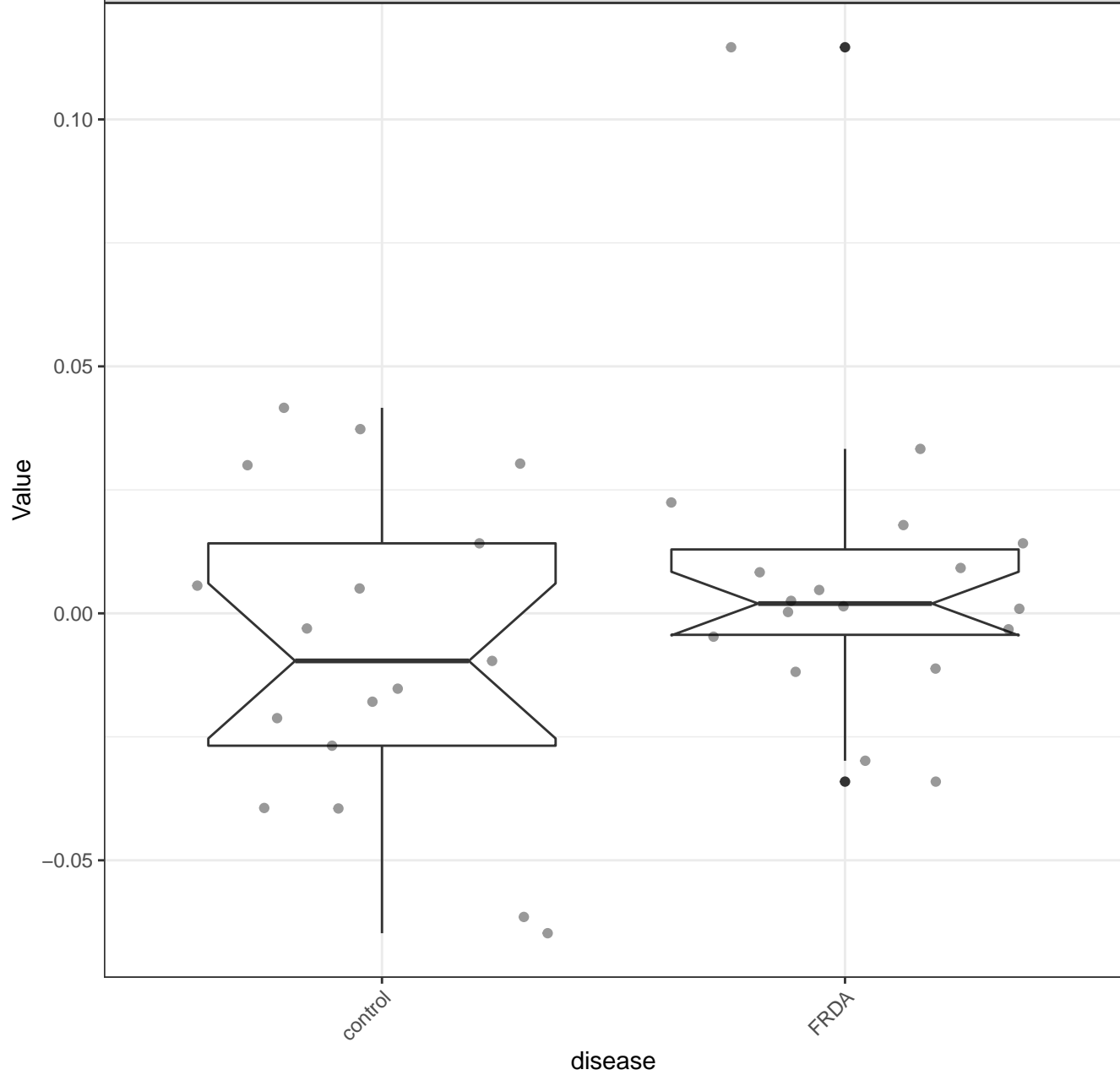


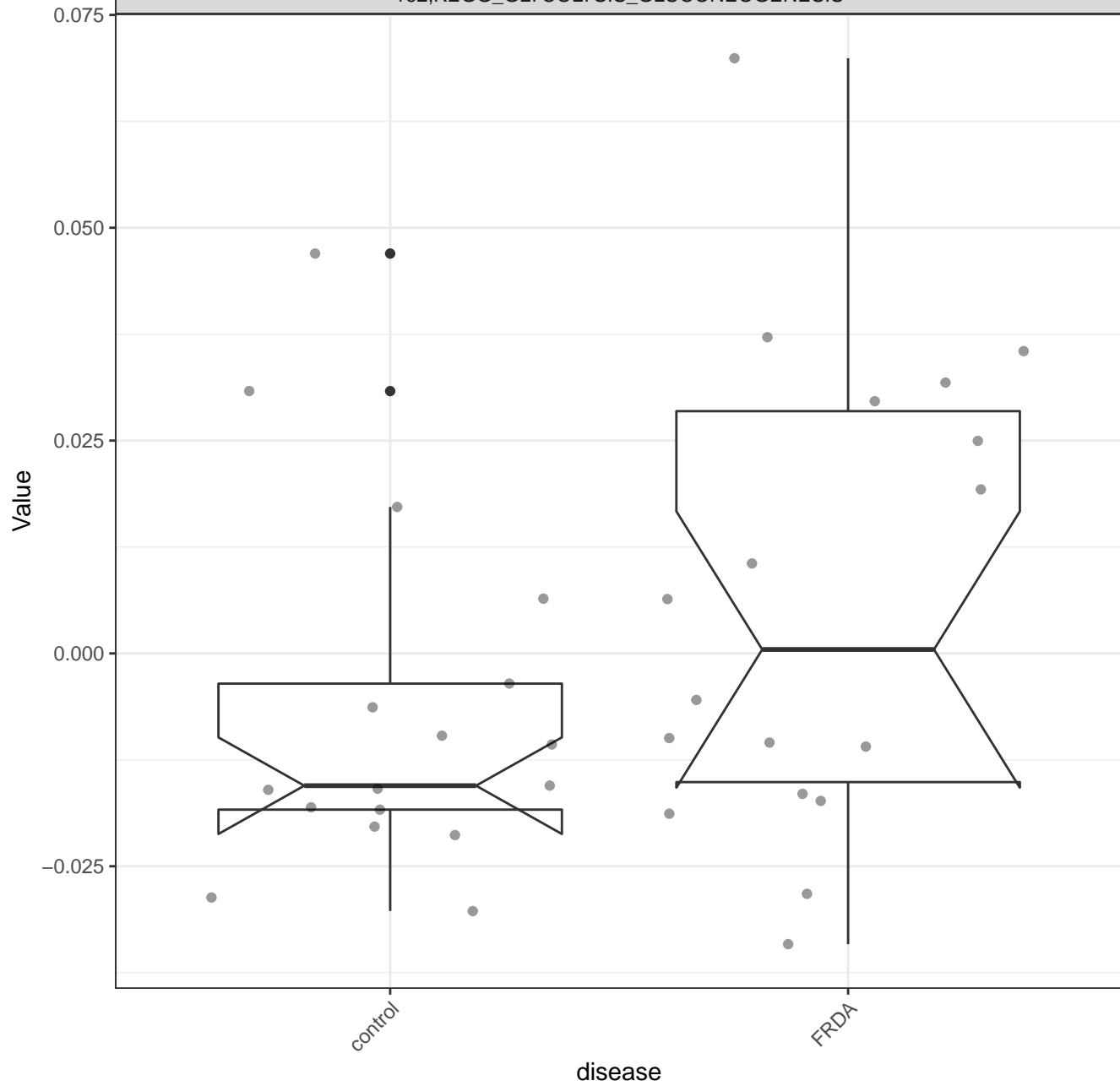
control

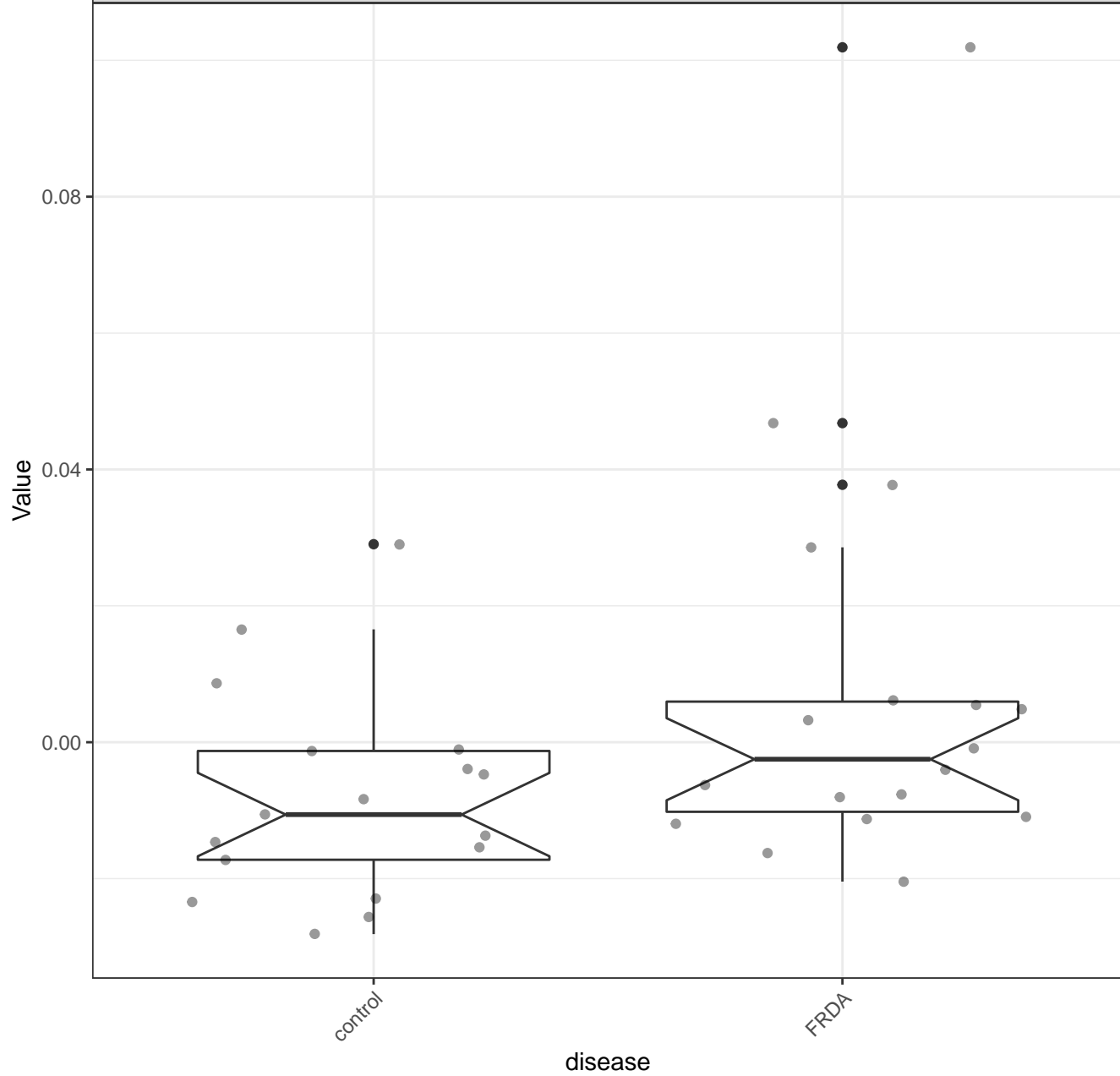
FRDA

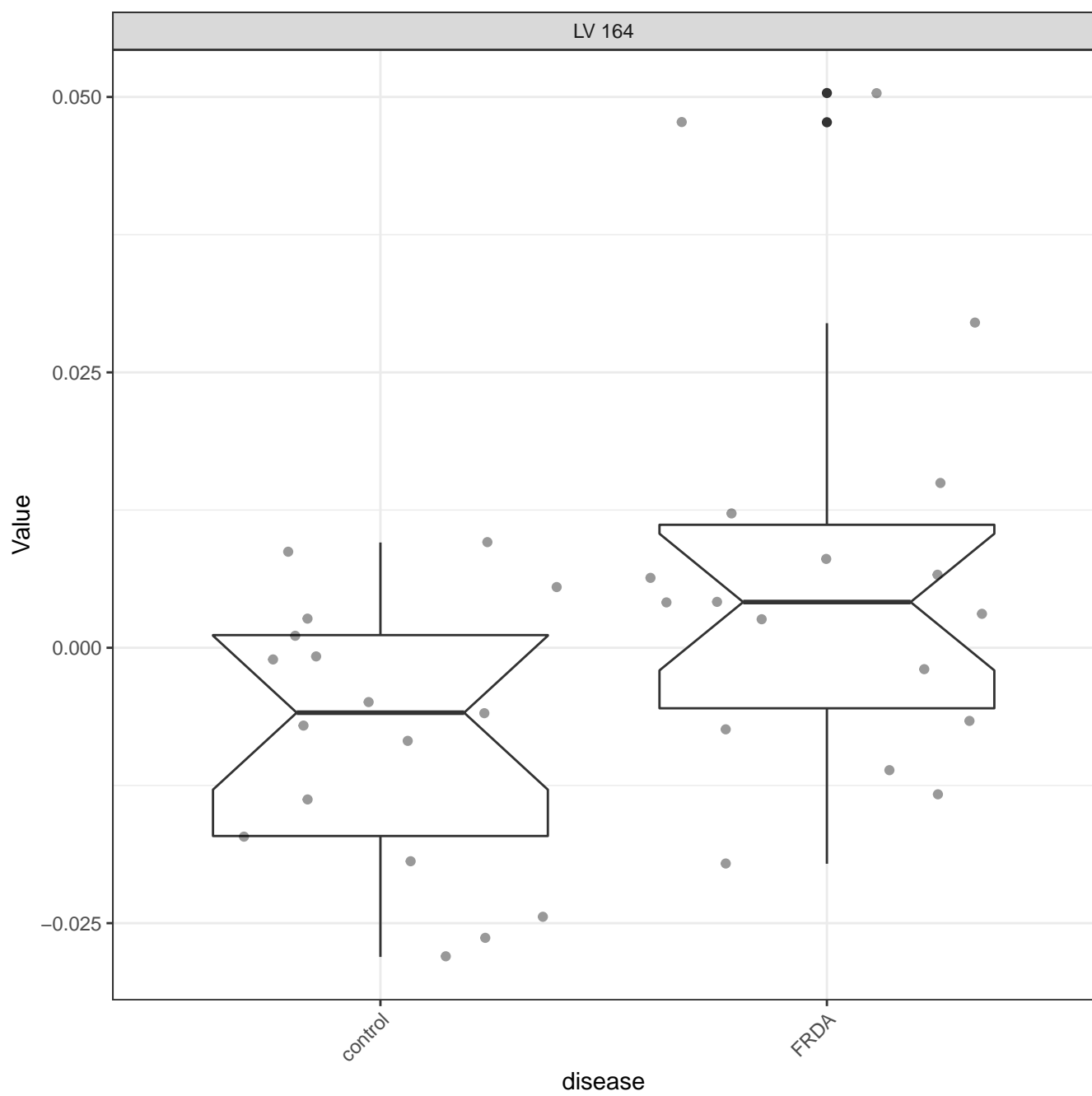
disease

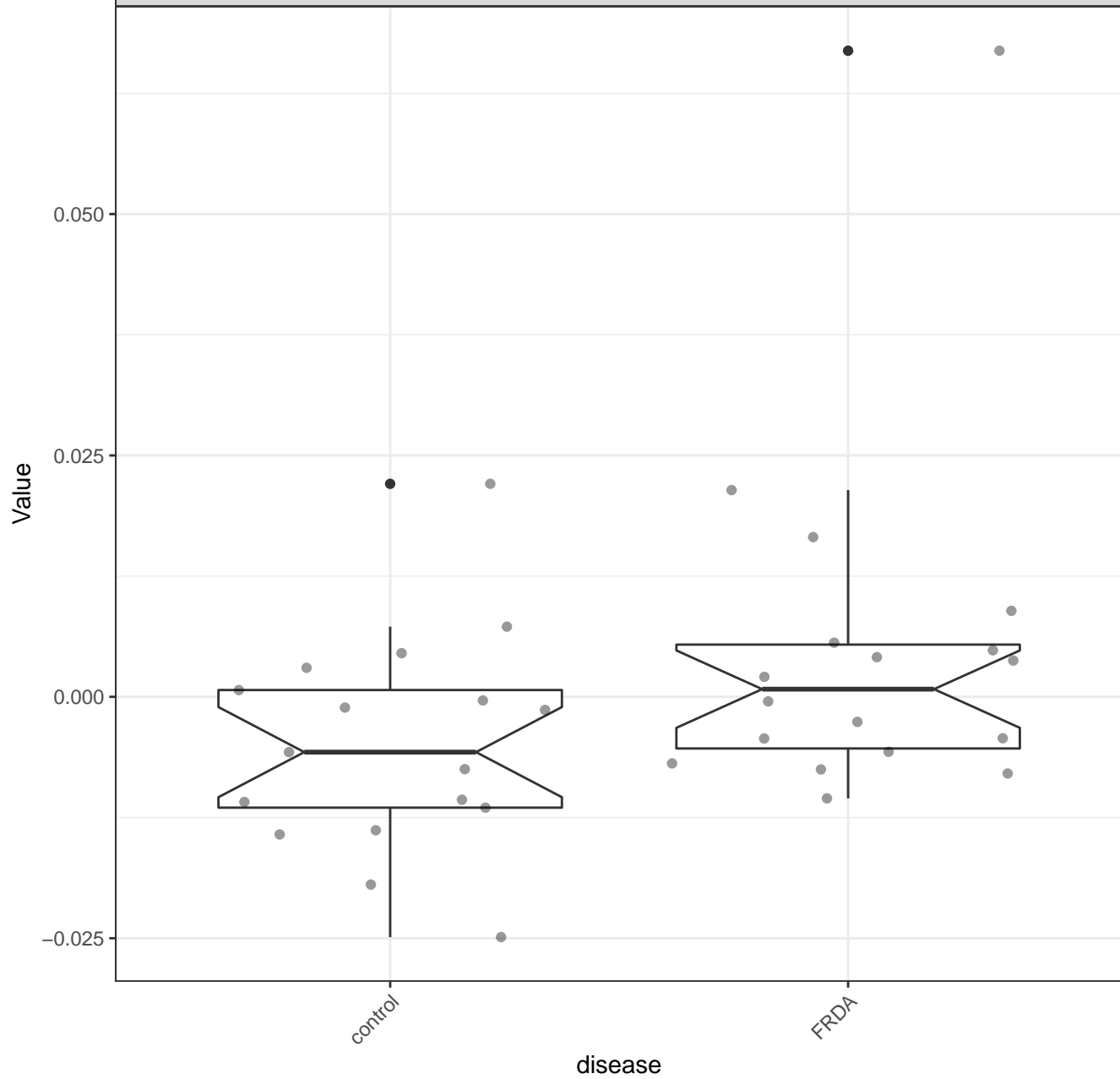


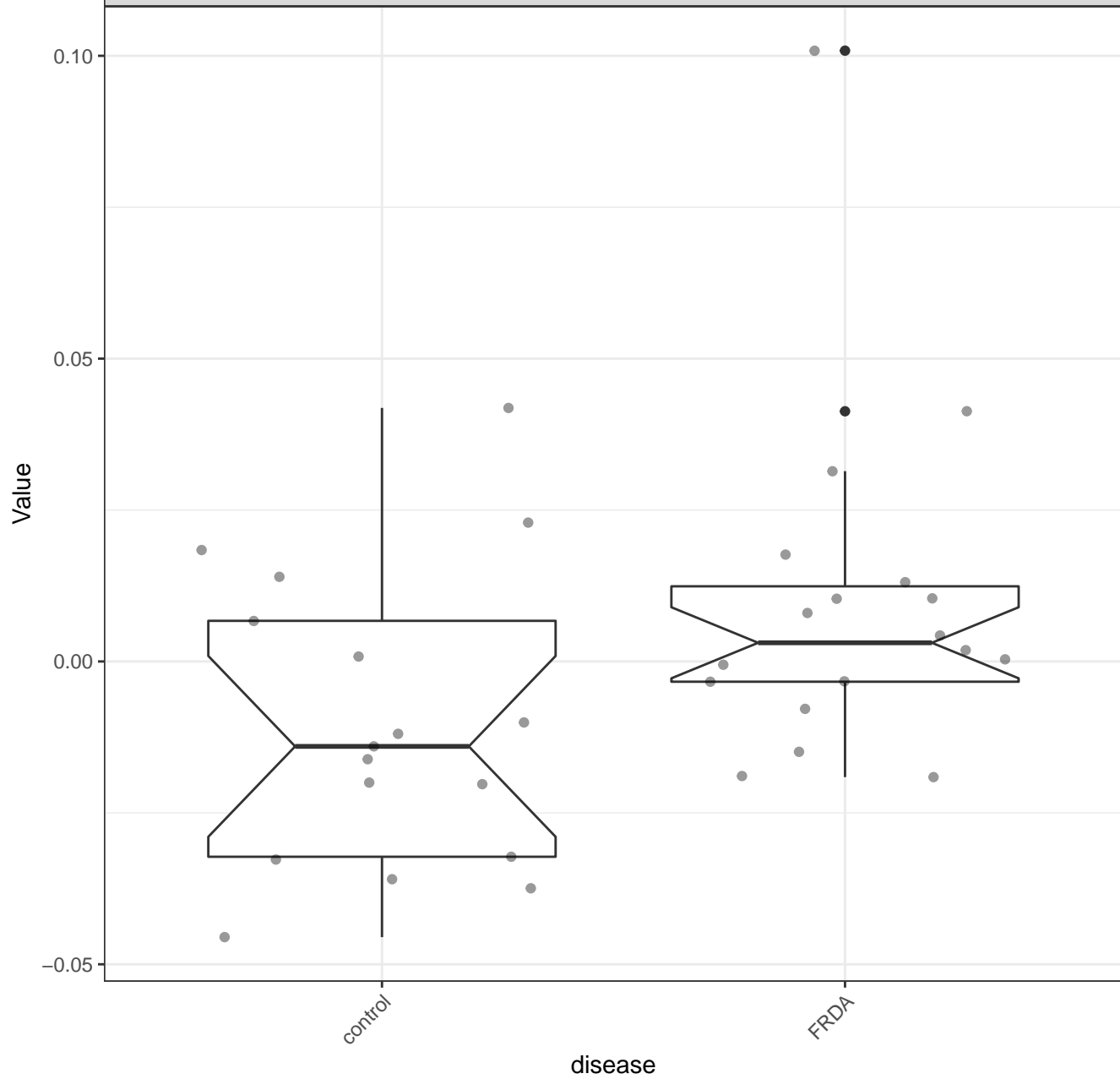


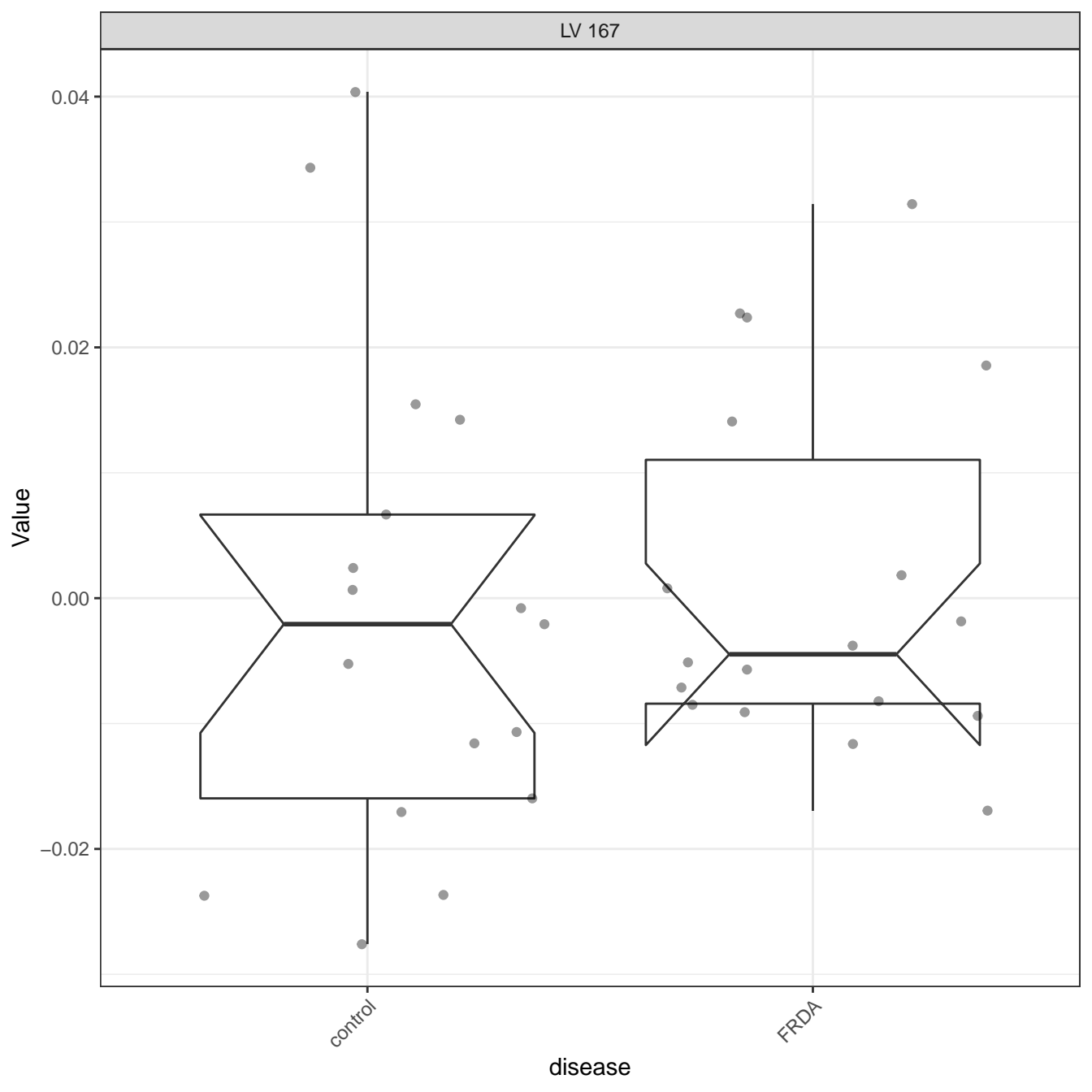


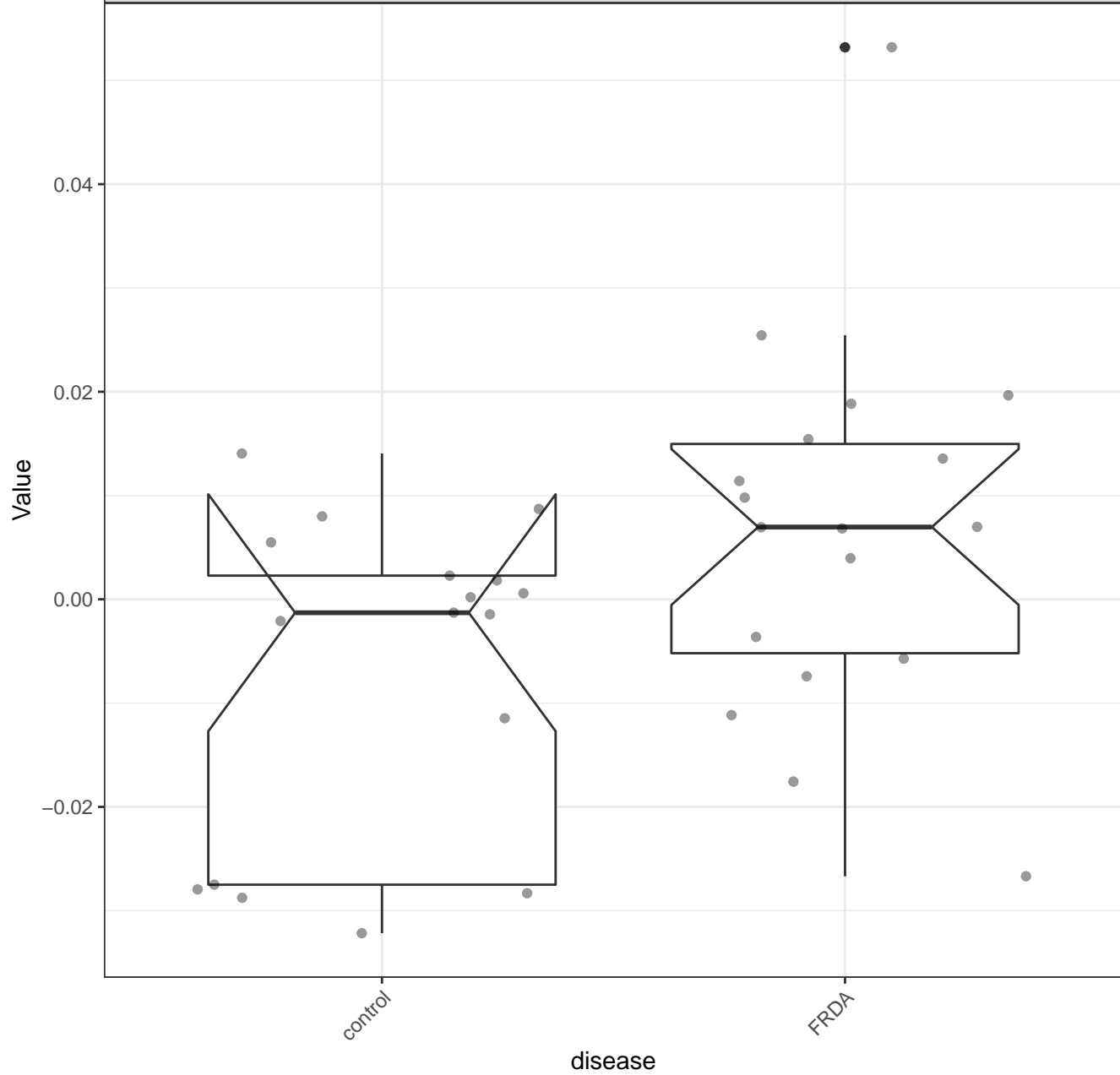




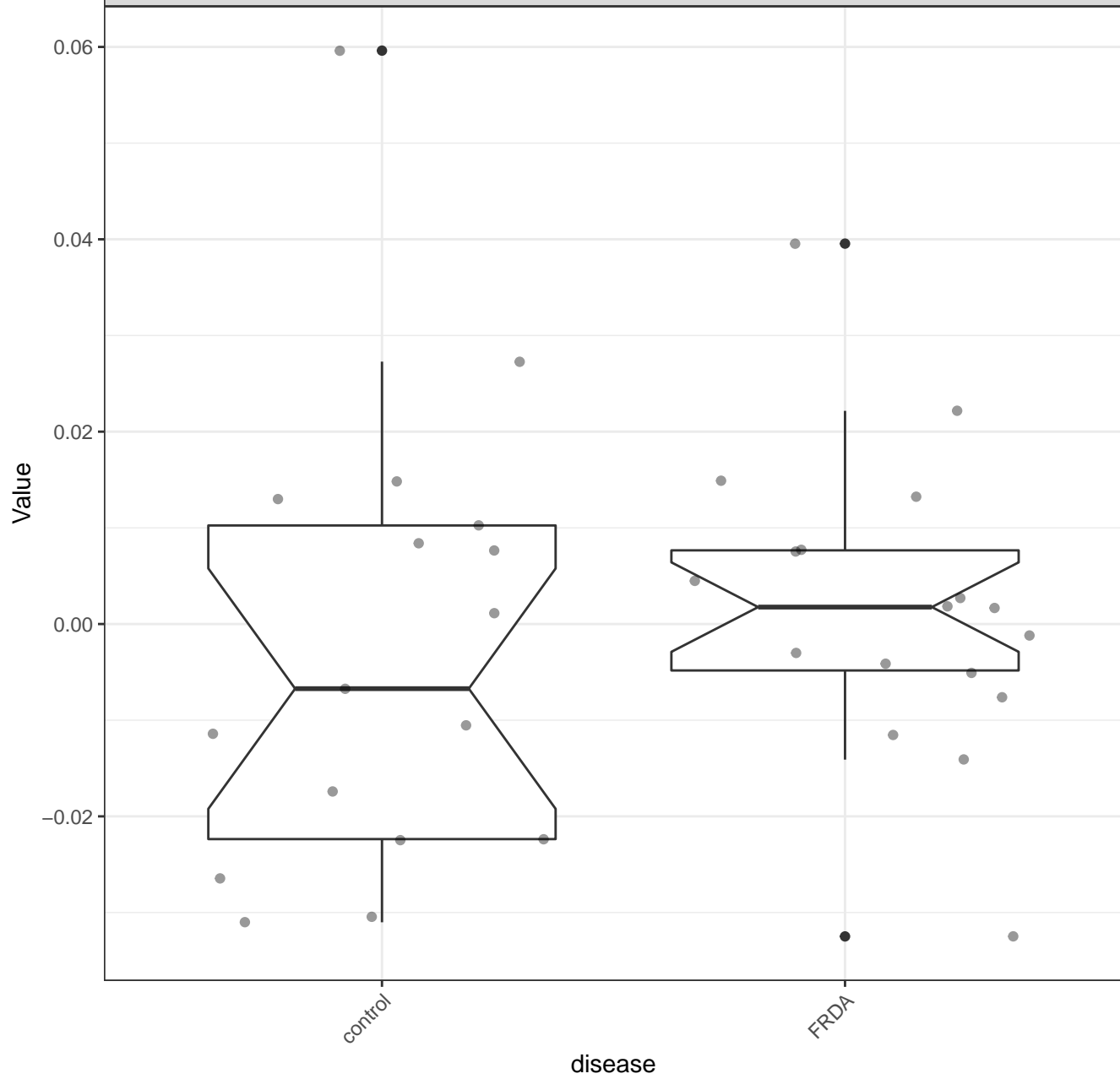


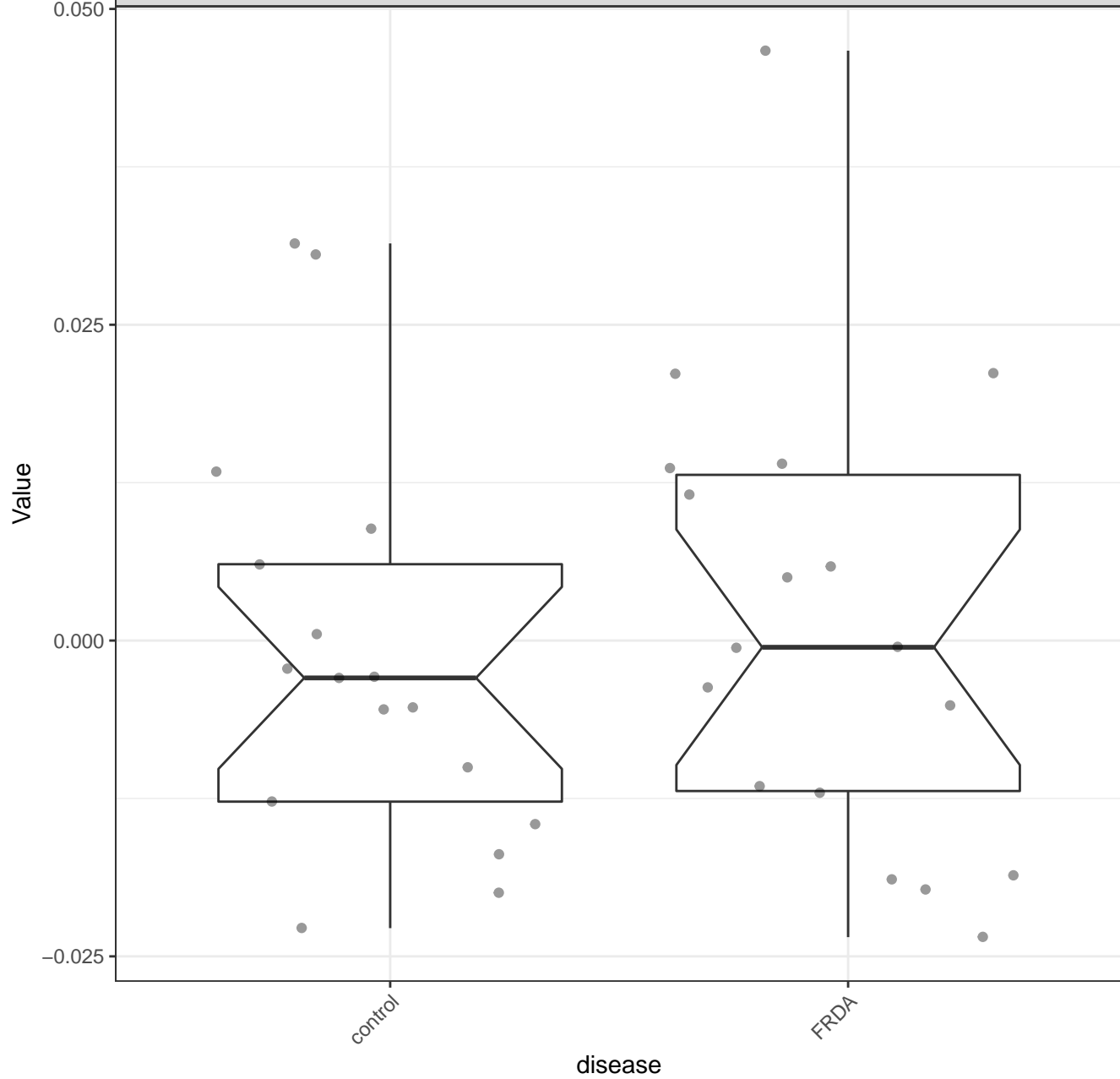












Value

0.1

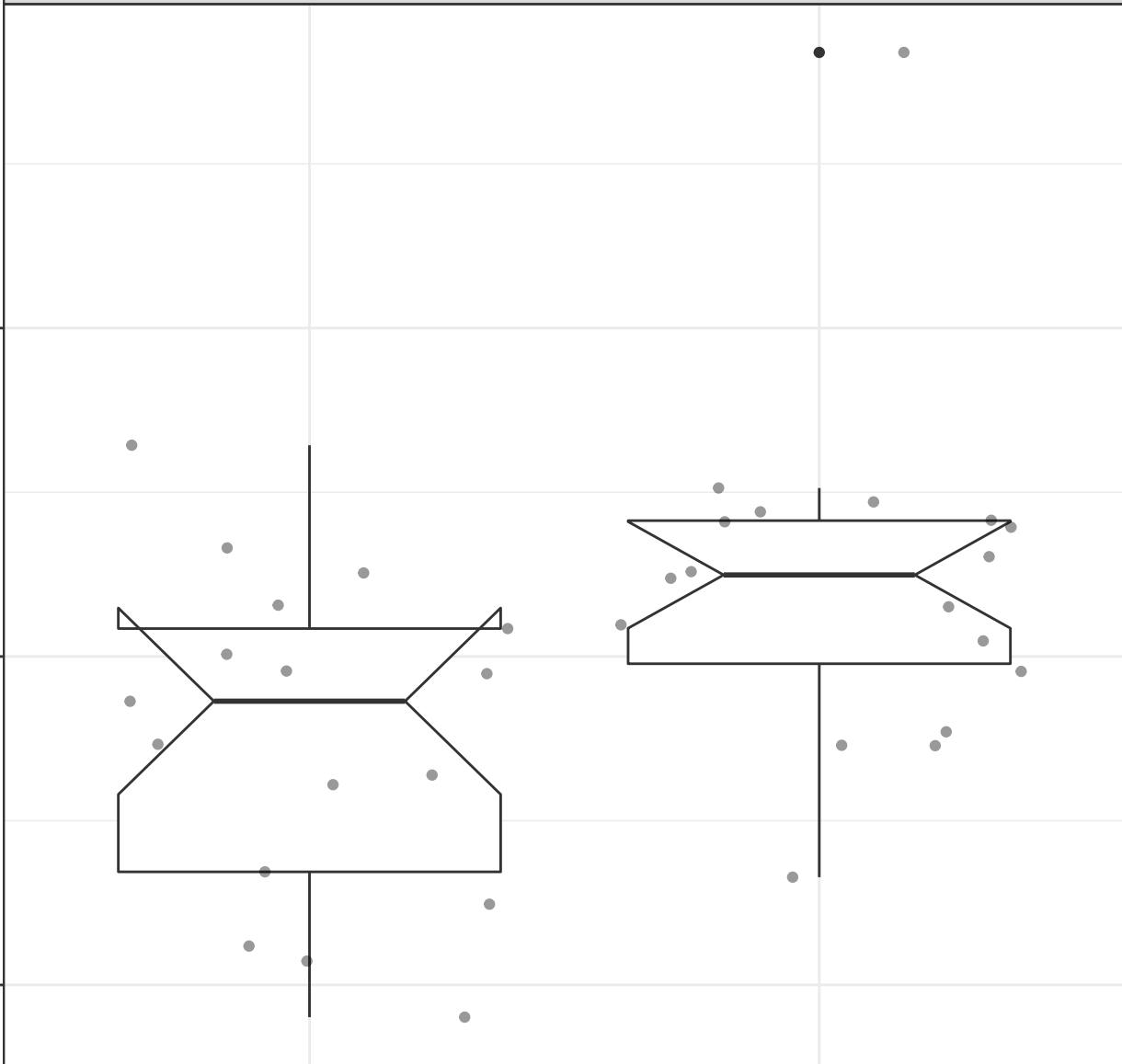
0.0

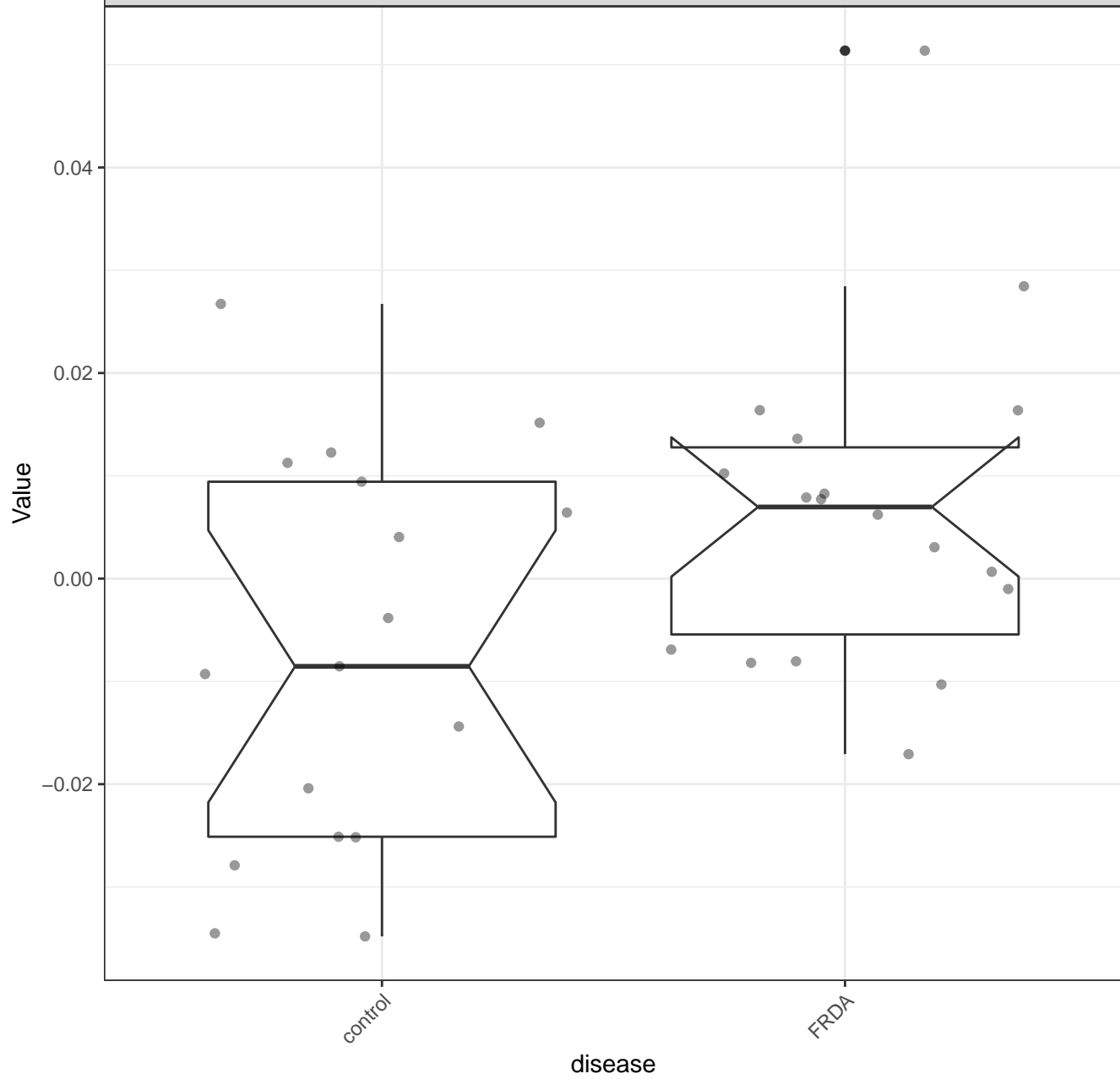
-0.1

control

FRDA

disease





Value

0.025

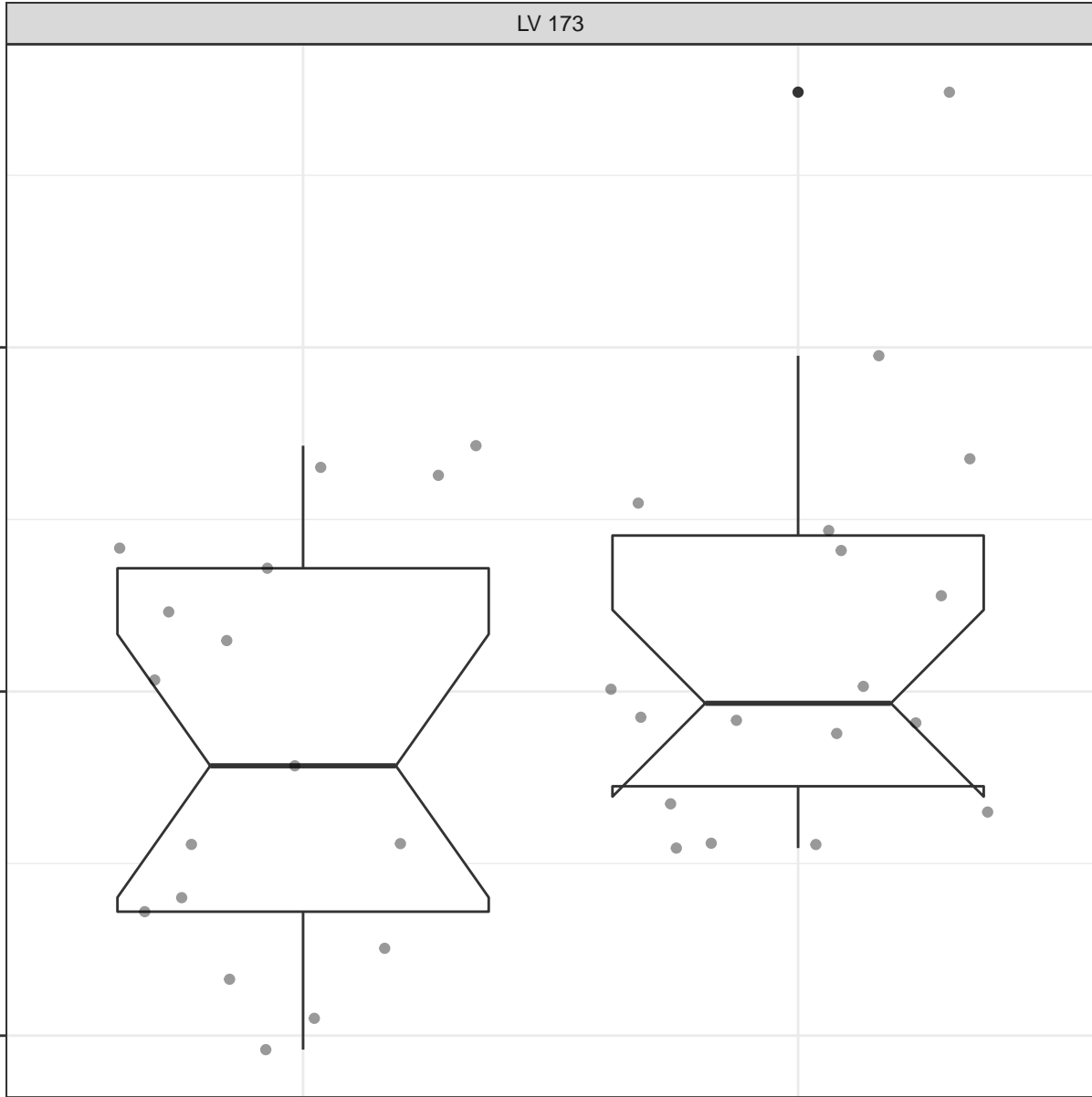
0.000

-0.025

control

FRDA

disease



Value

0.05

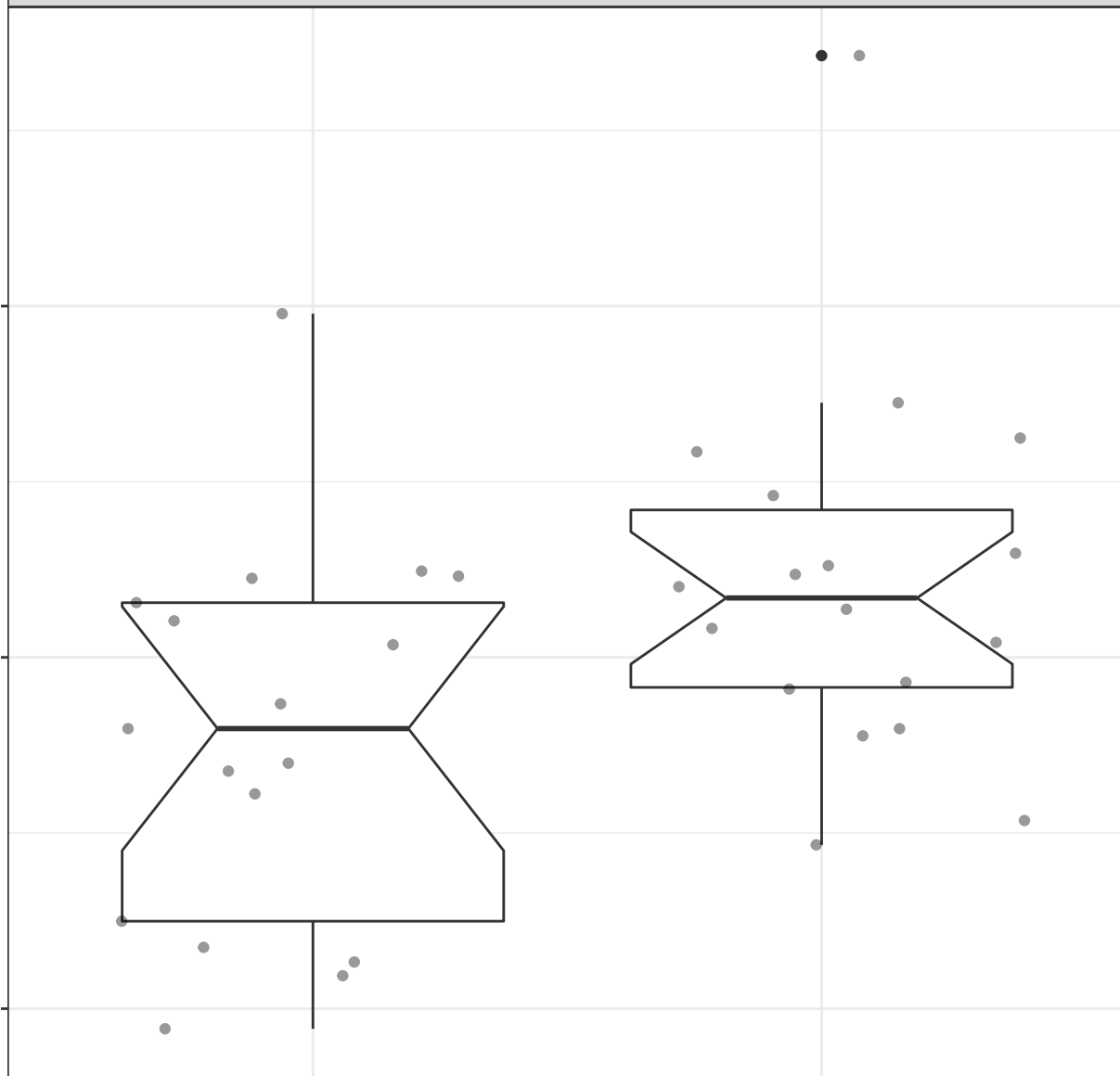
0.00

-0.05

control

FRDA

disease



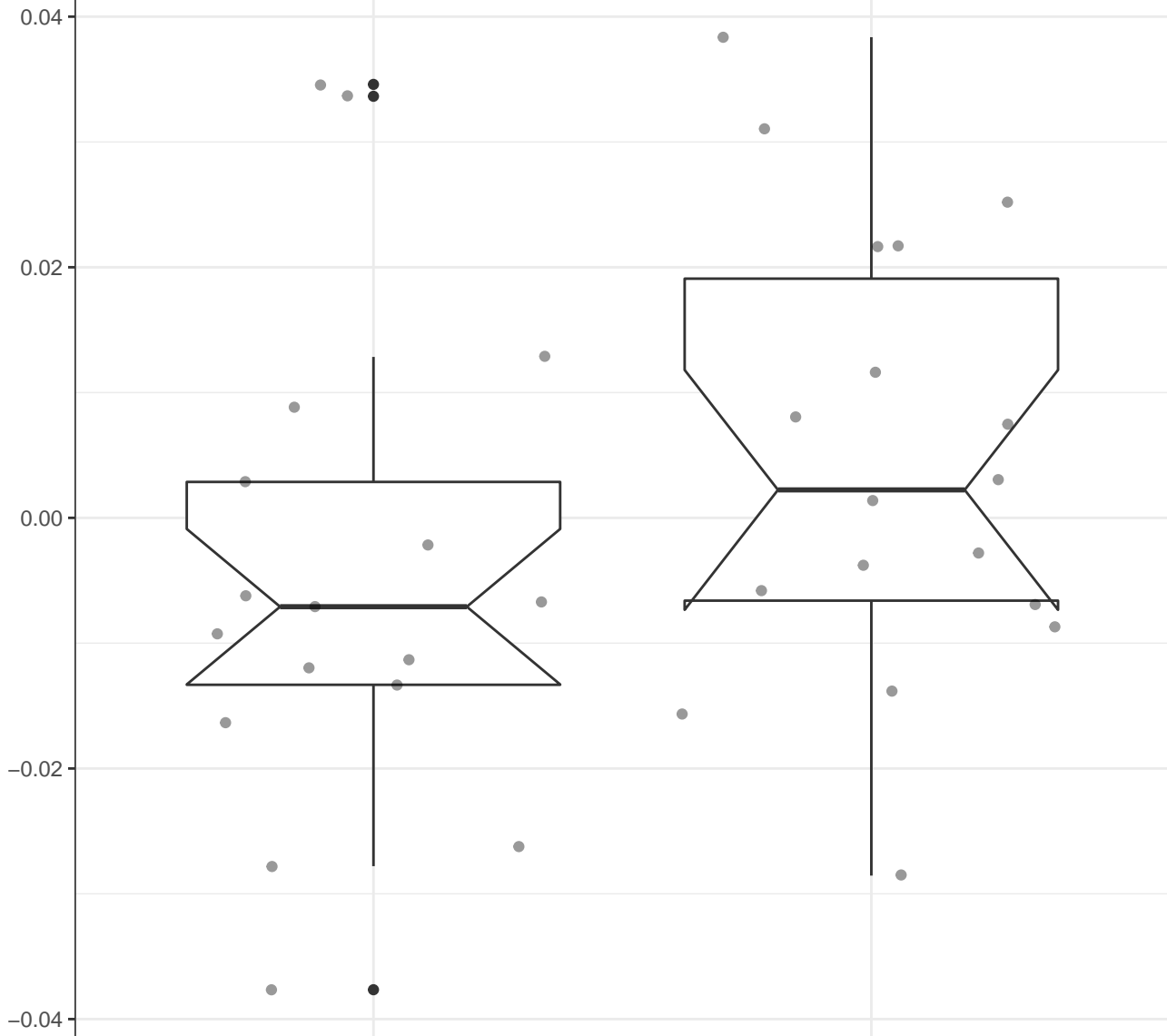
175,SVM NK cells activated

Value

control

FRDA

disease



Value

0.1

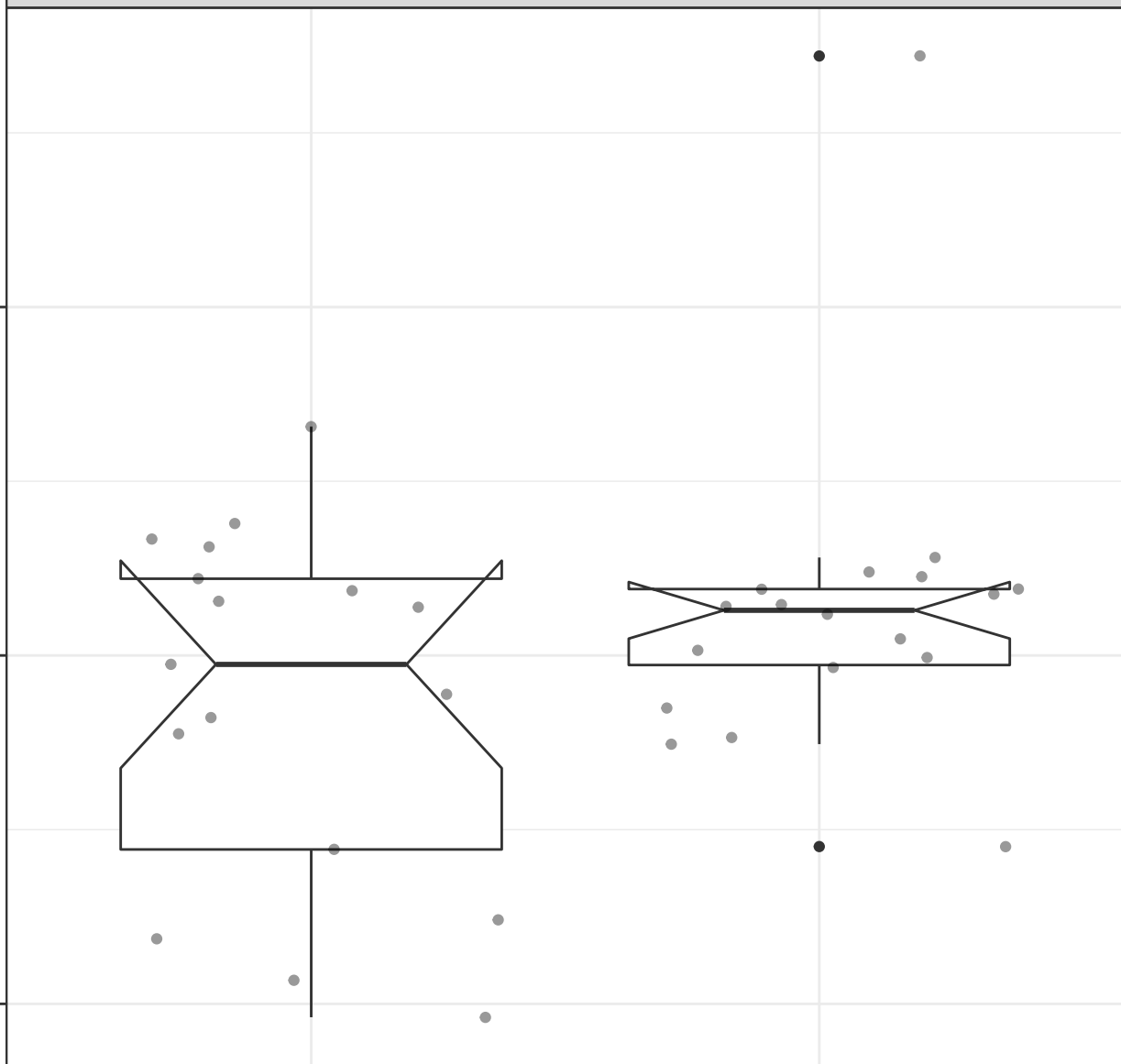
0.0

-0.1

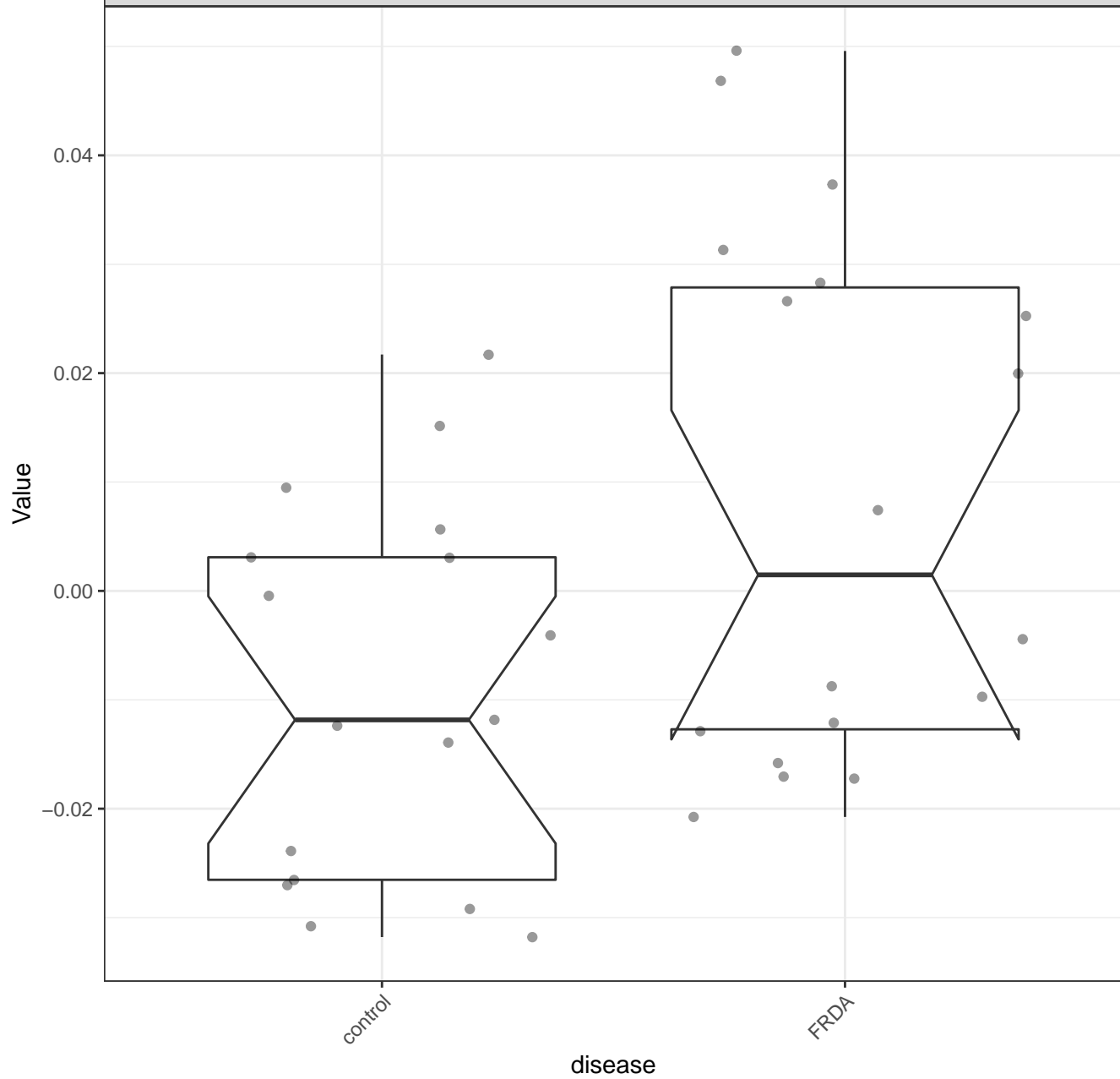
control

disease

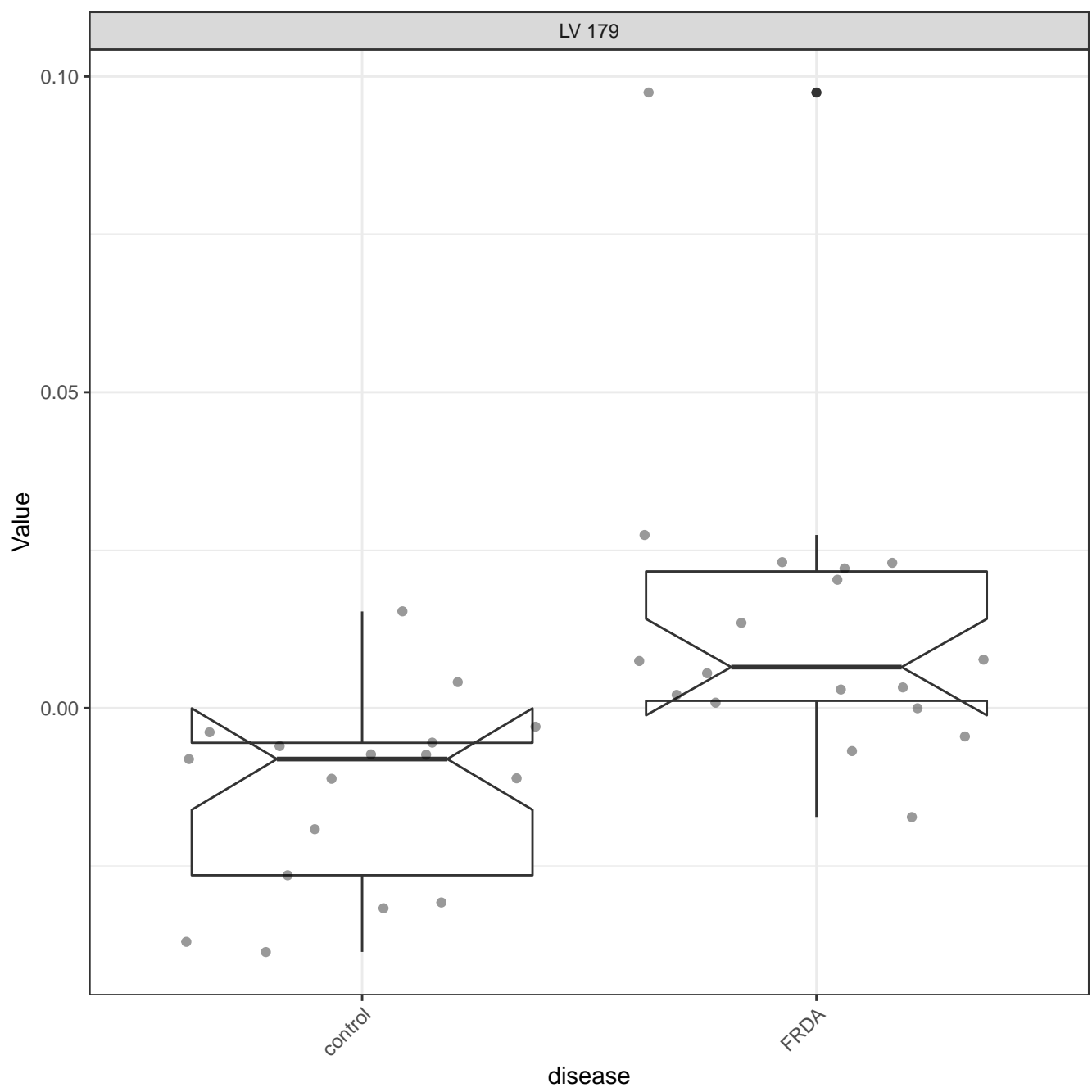
FRDA











LV 180

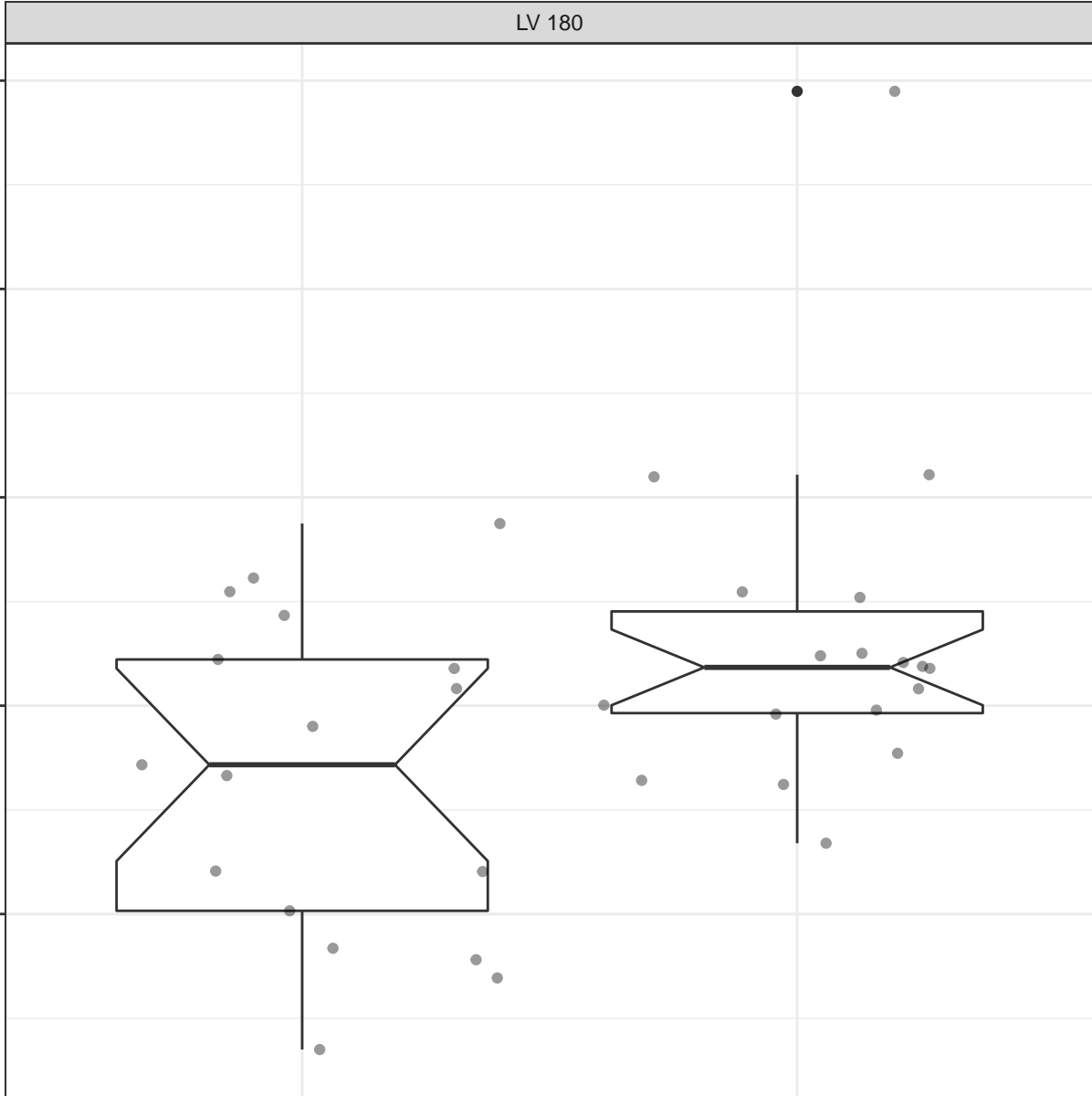
Value

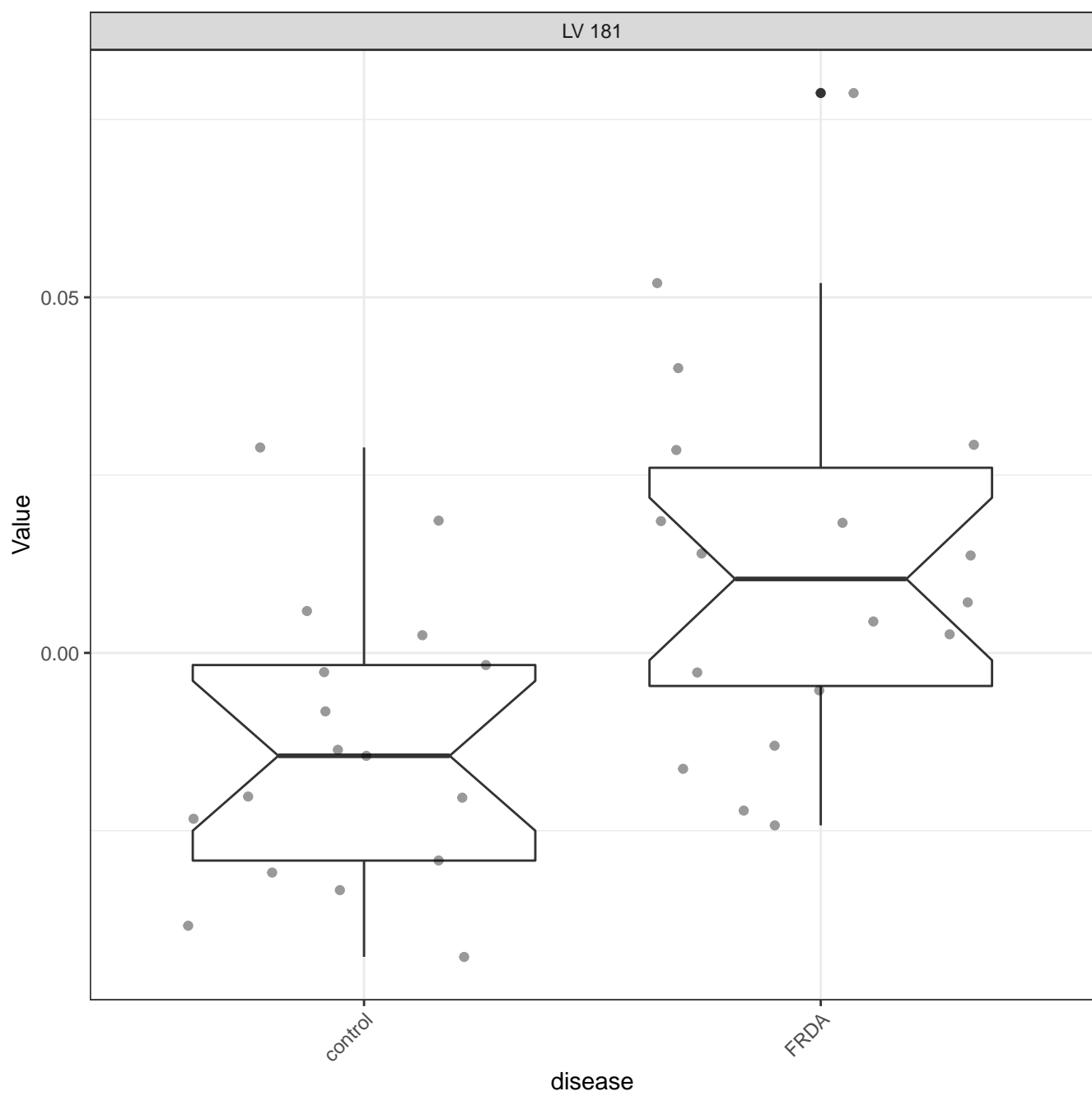
control

FRDA

disease

0.075  
0.050  
0.025  
0.000  
-0.025





LV 182

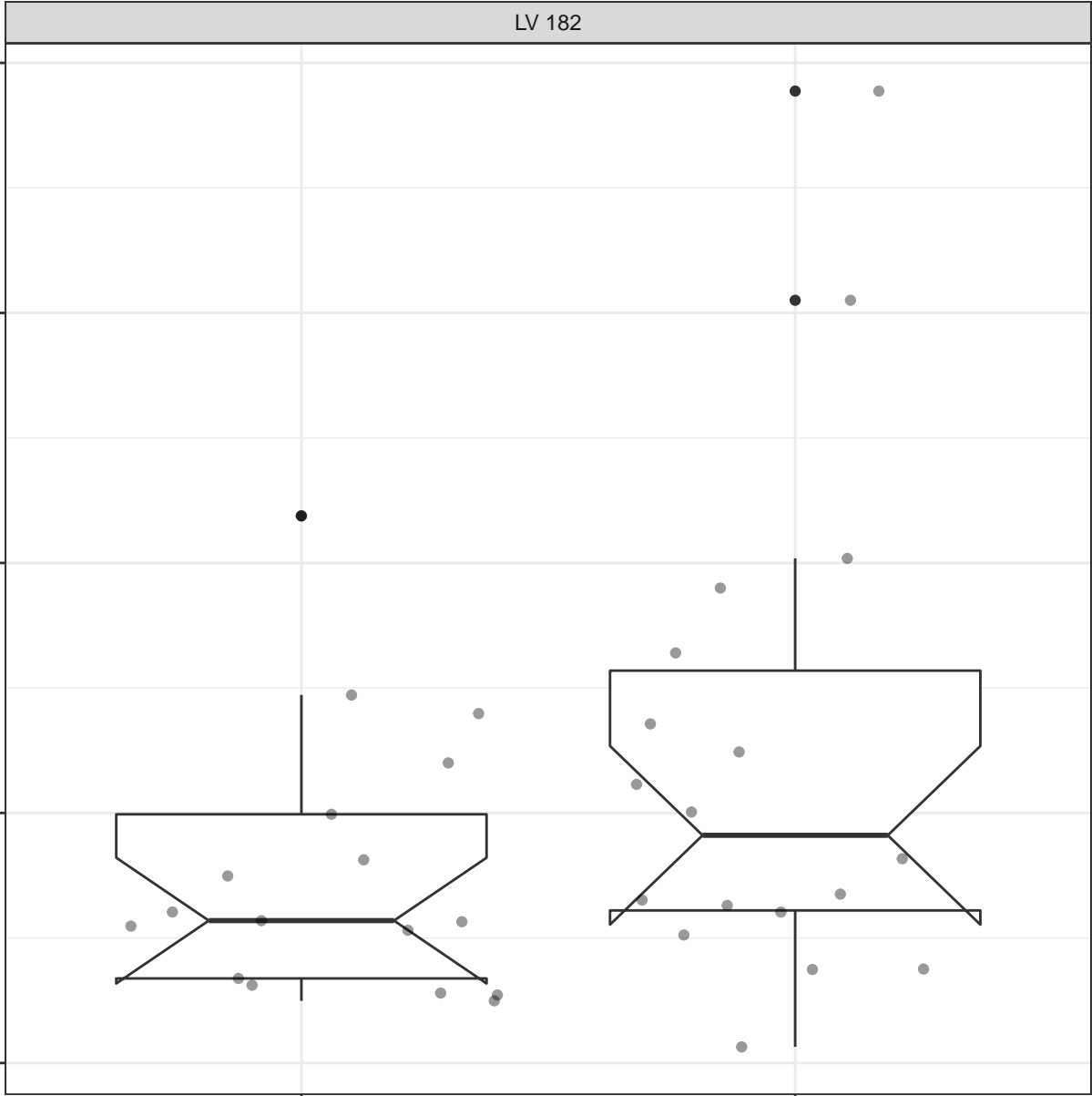
Value

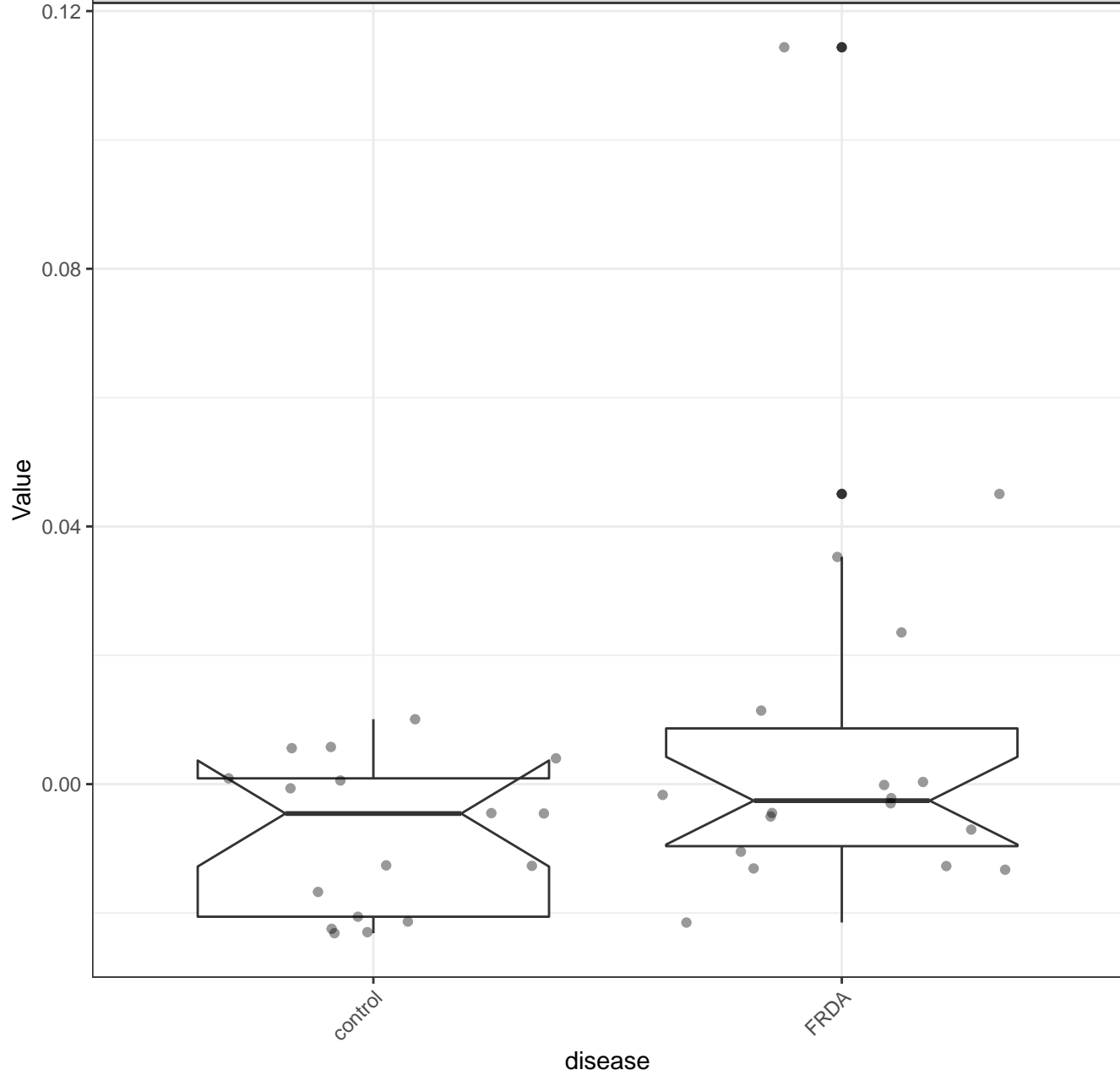
0.075  
0.050  
0.025  
0.000  
-0.025

control

disease

FRDA





Value

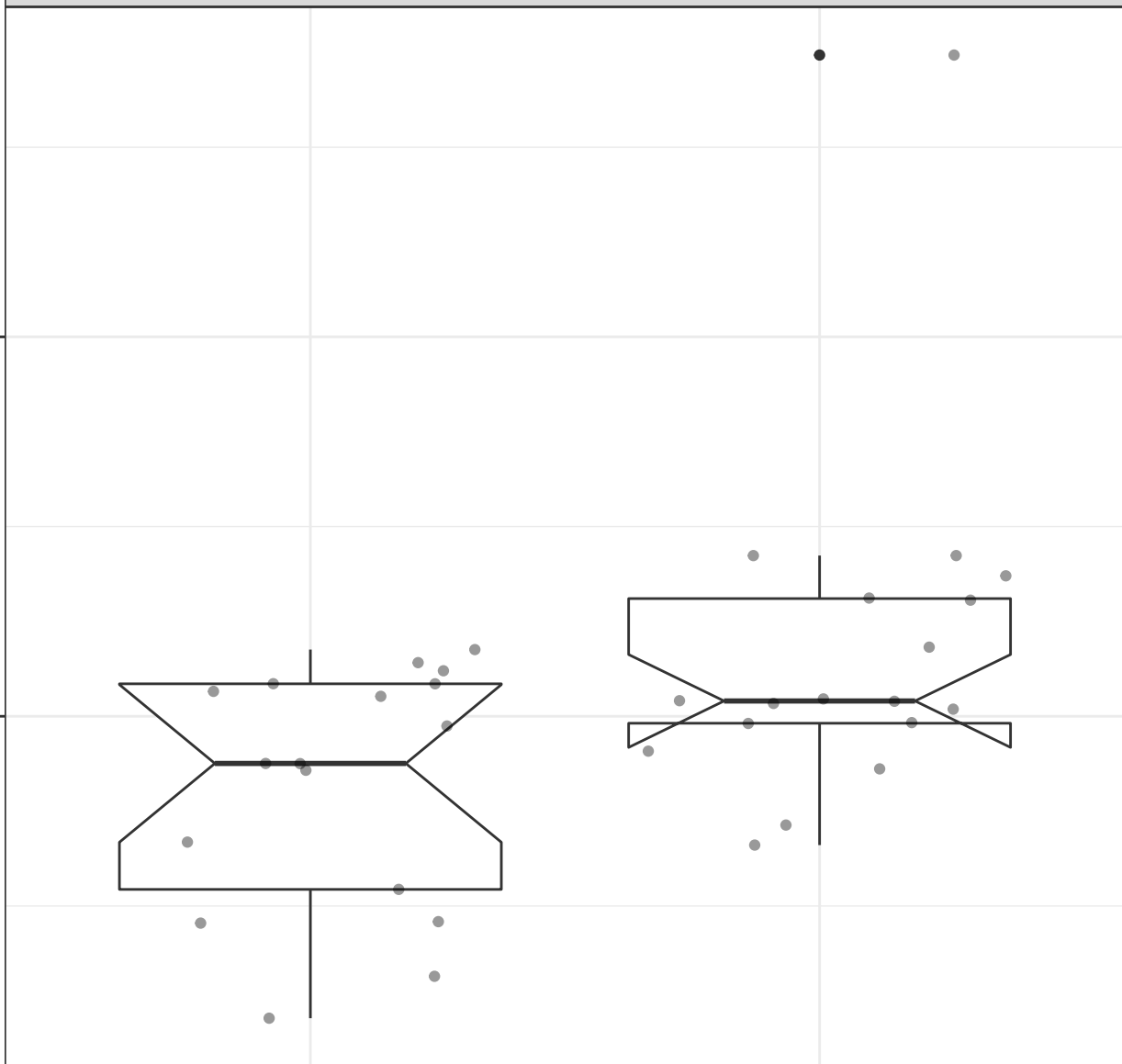
0.05

0.00

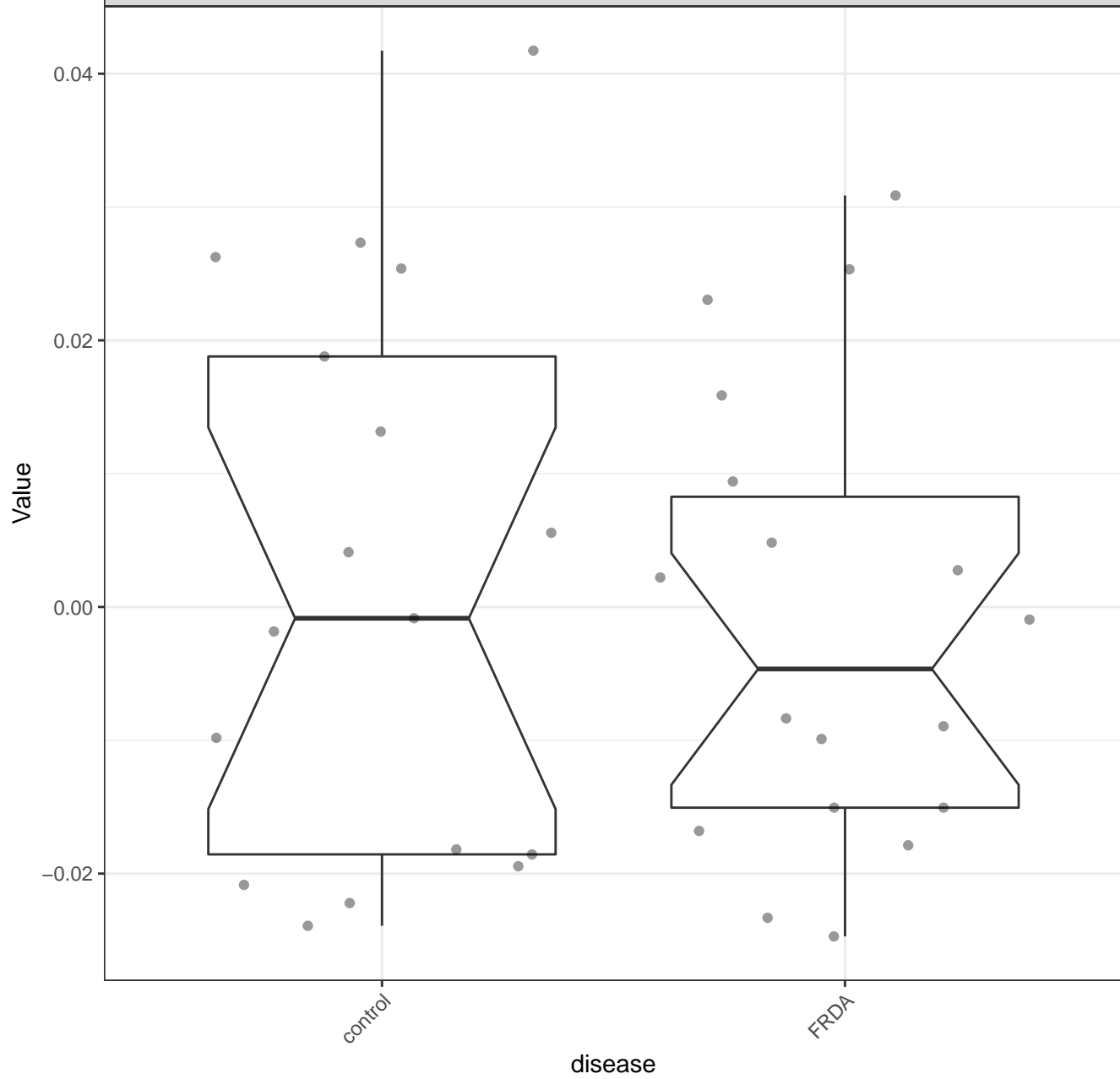
control

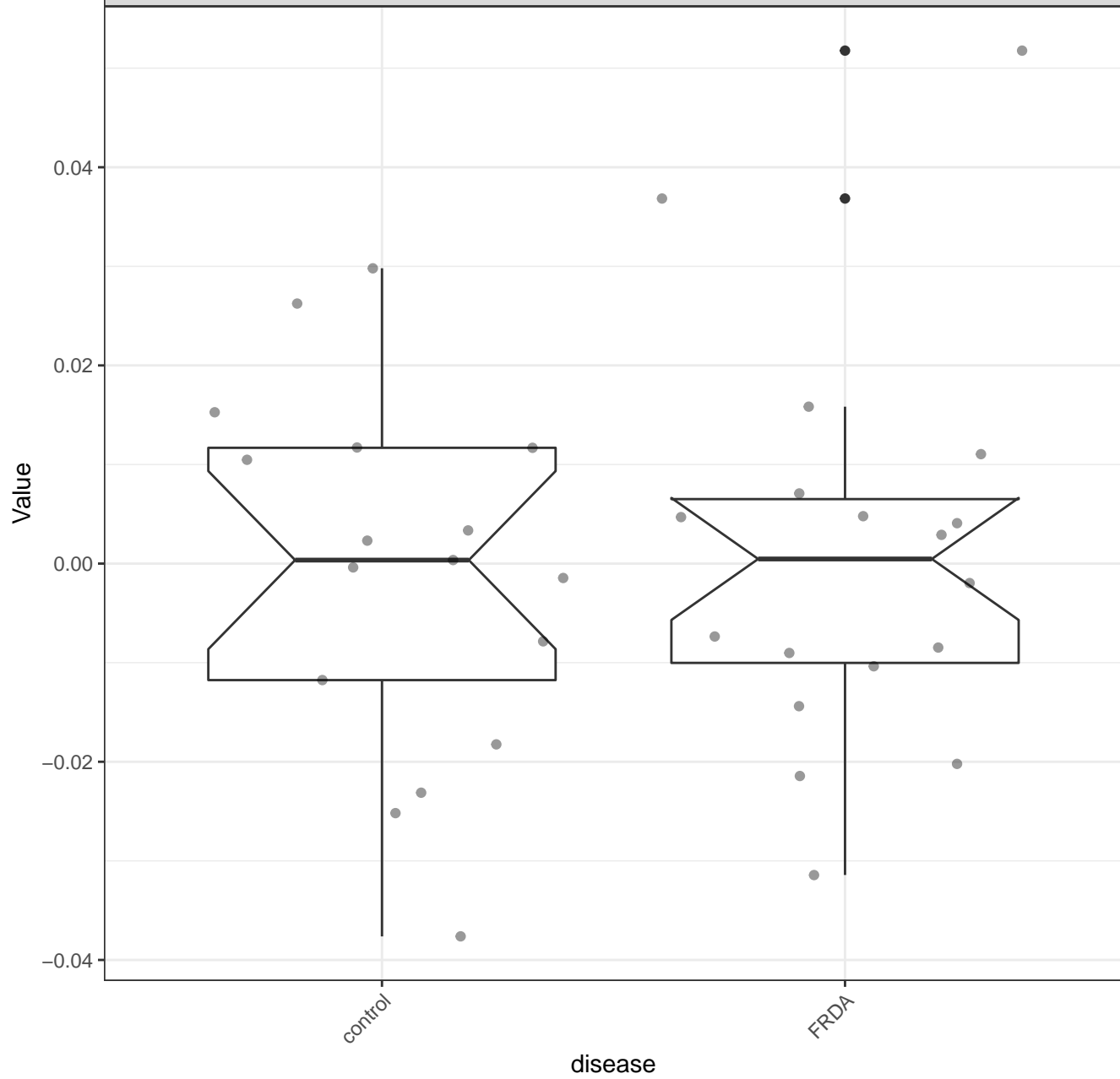
disease

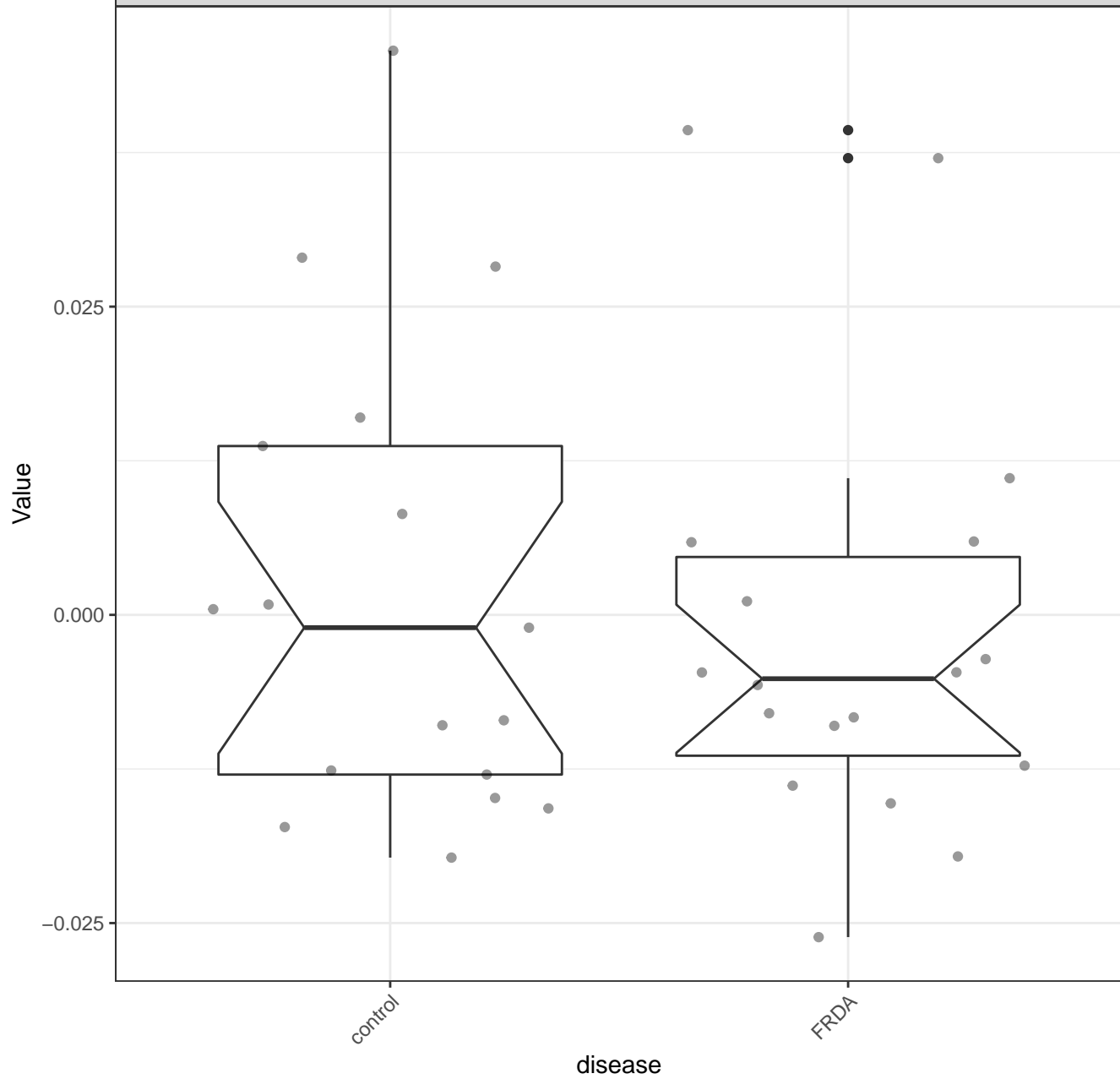
FRDA

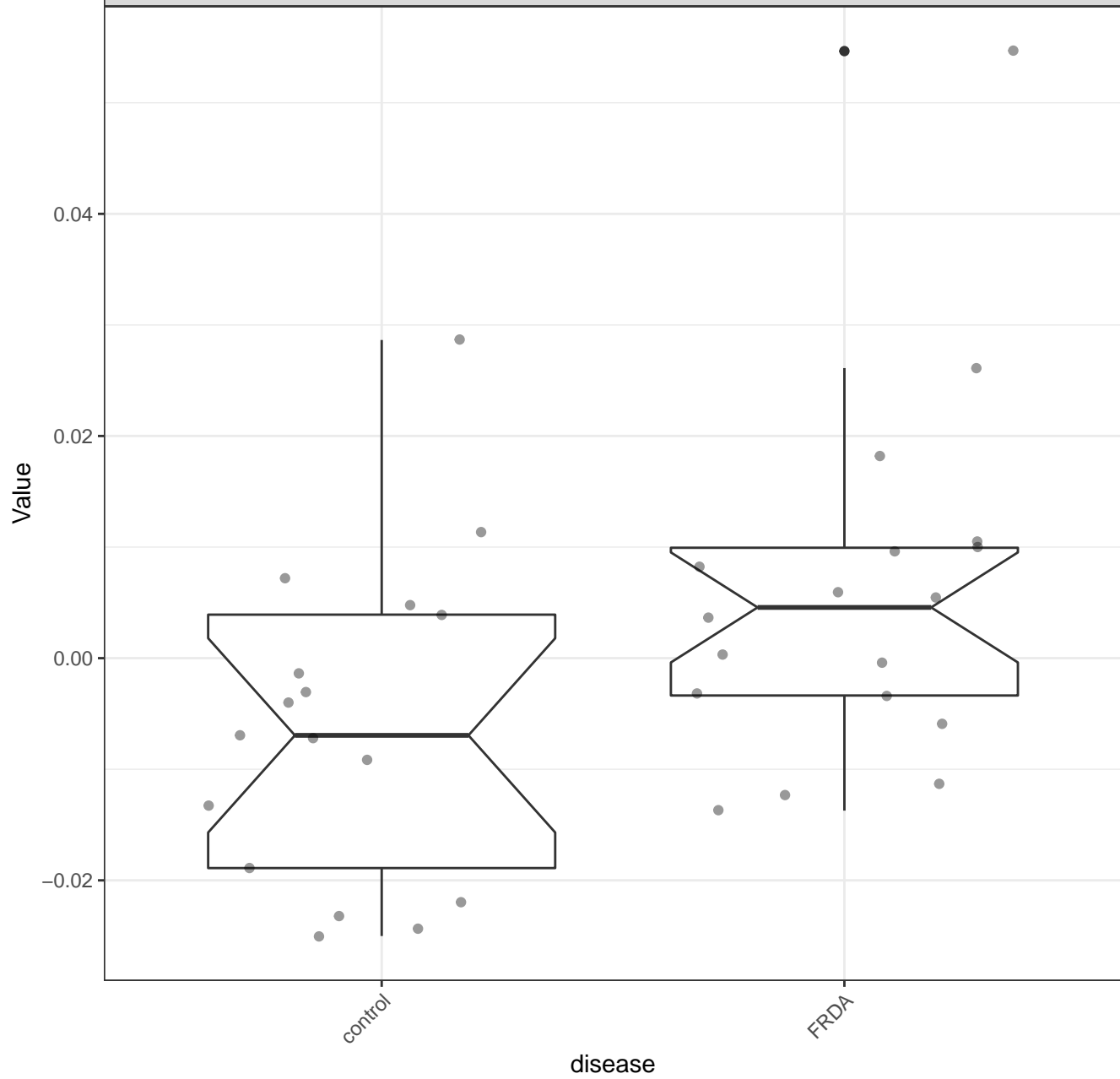


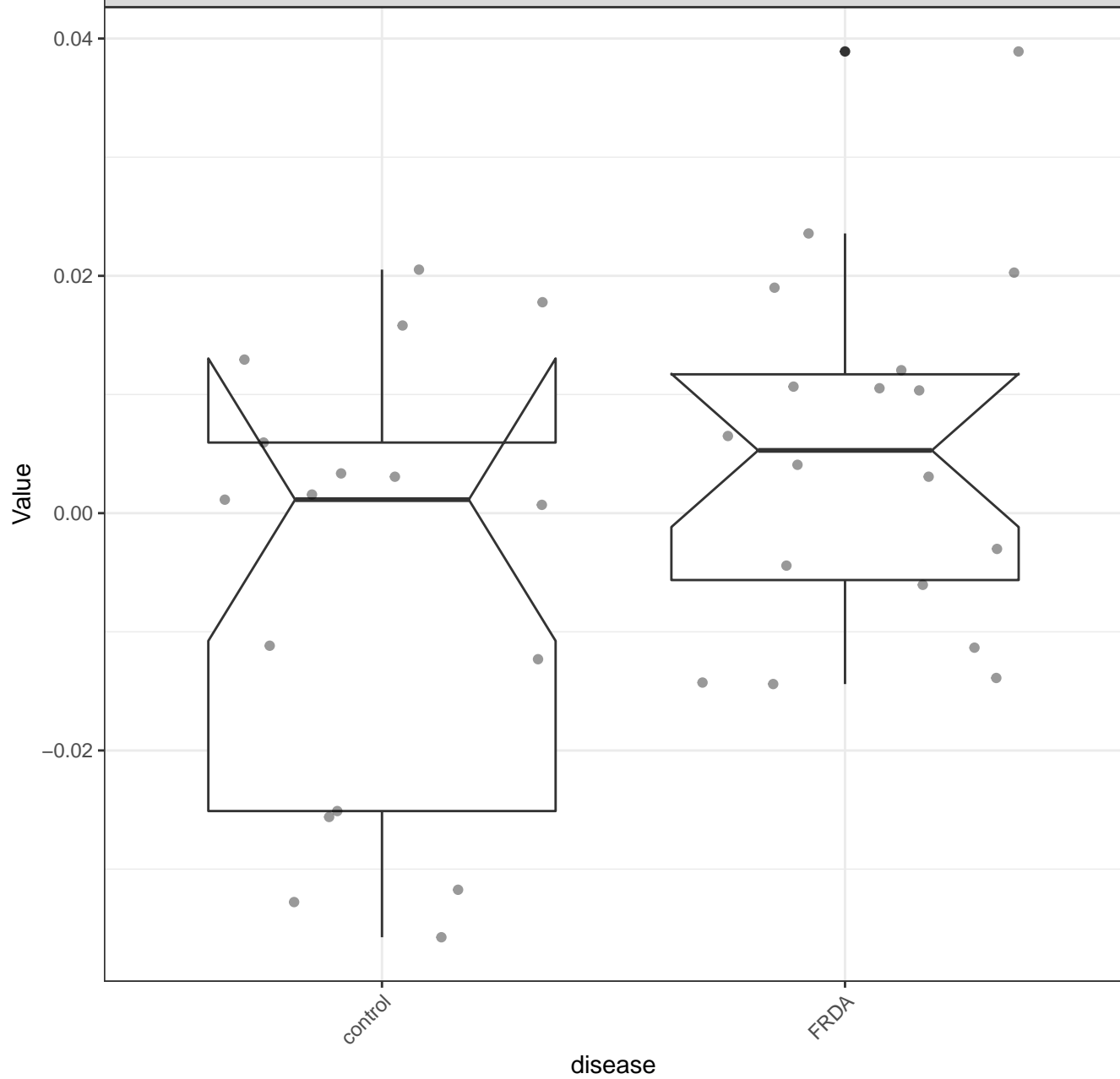


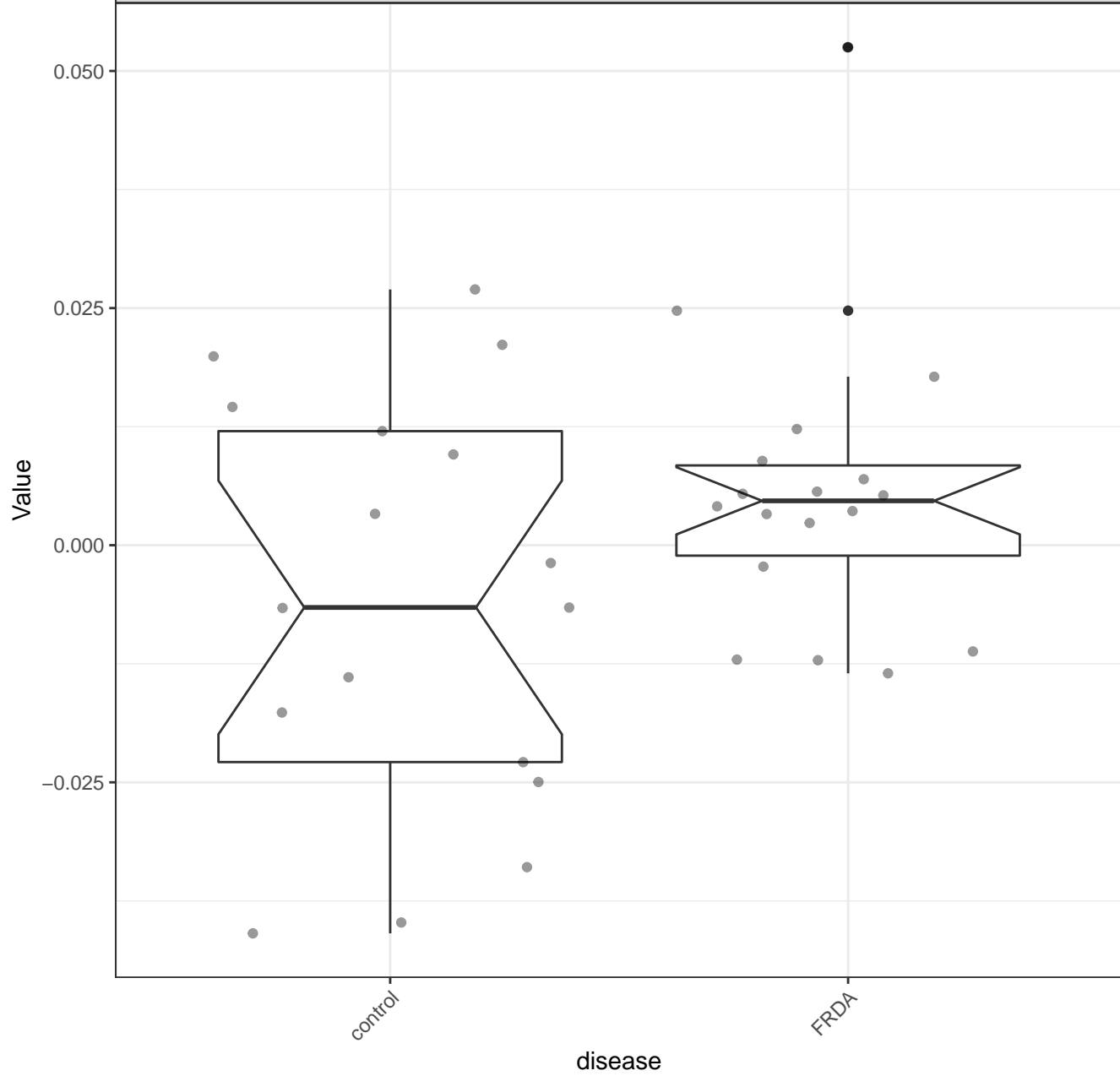




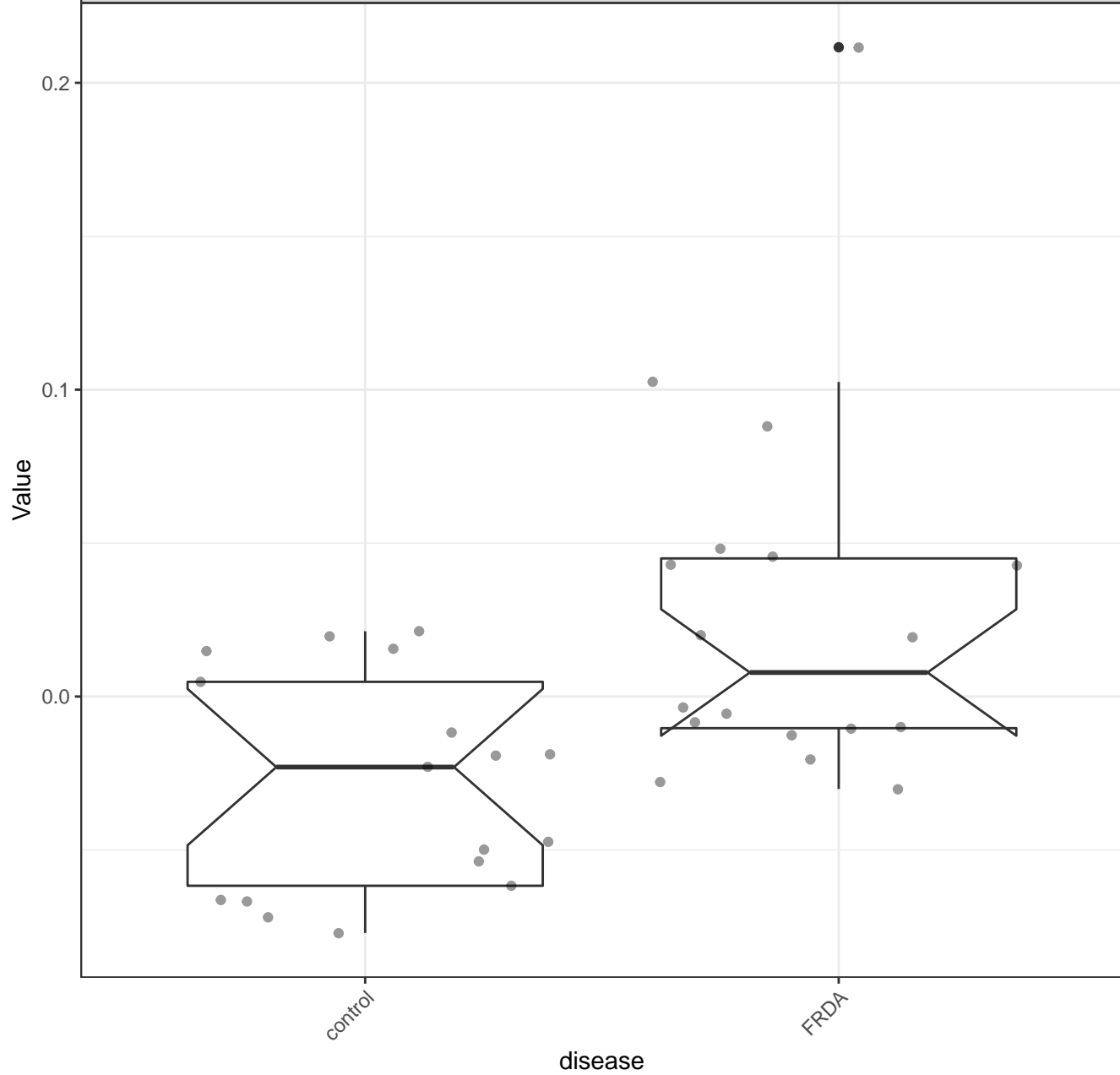








191,KEGG\_LYSOSOME



Value

0.02

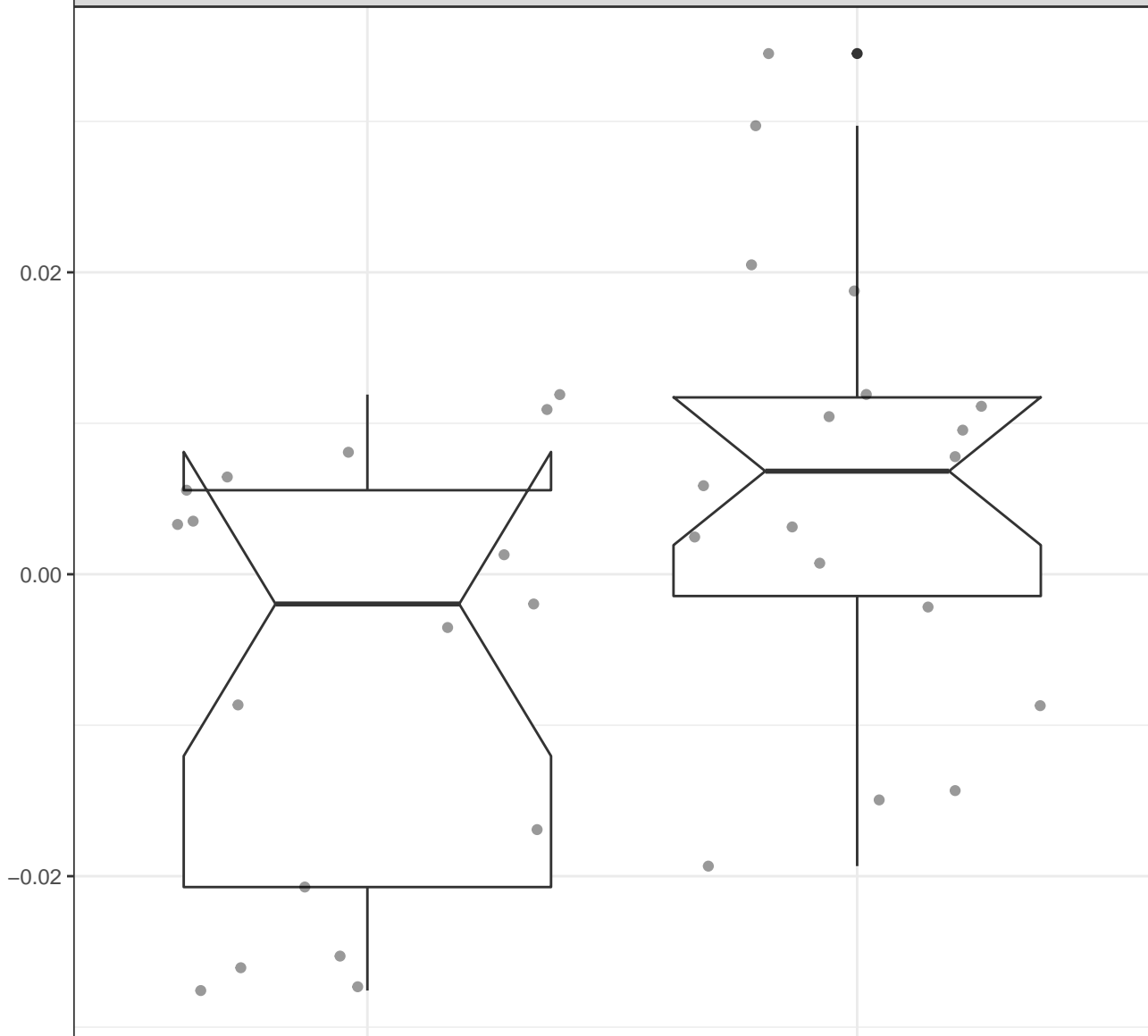
0.00

-0.02

control

FRDA

disease





Value

0.02

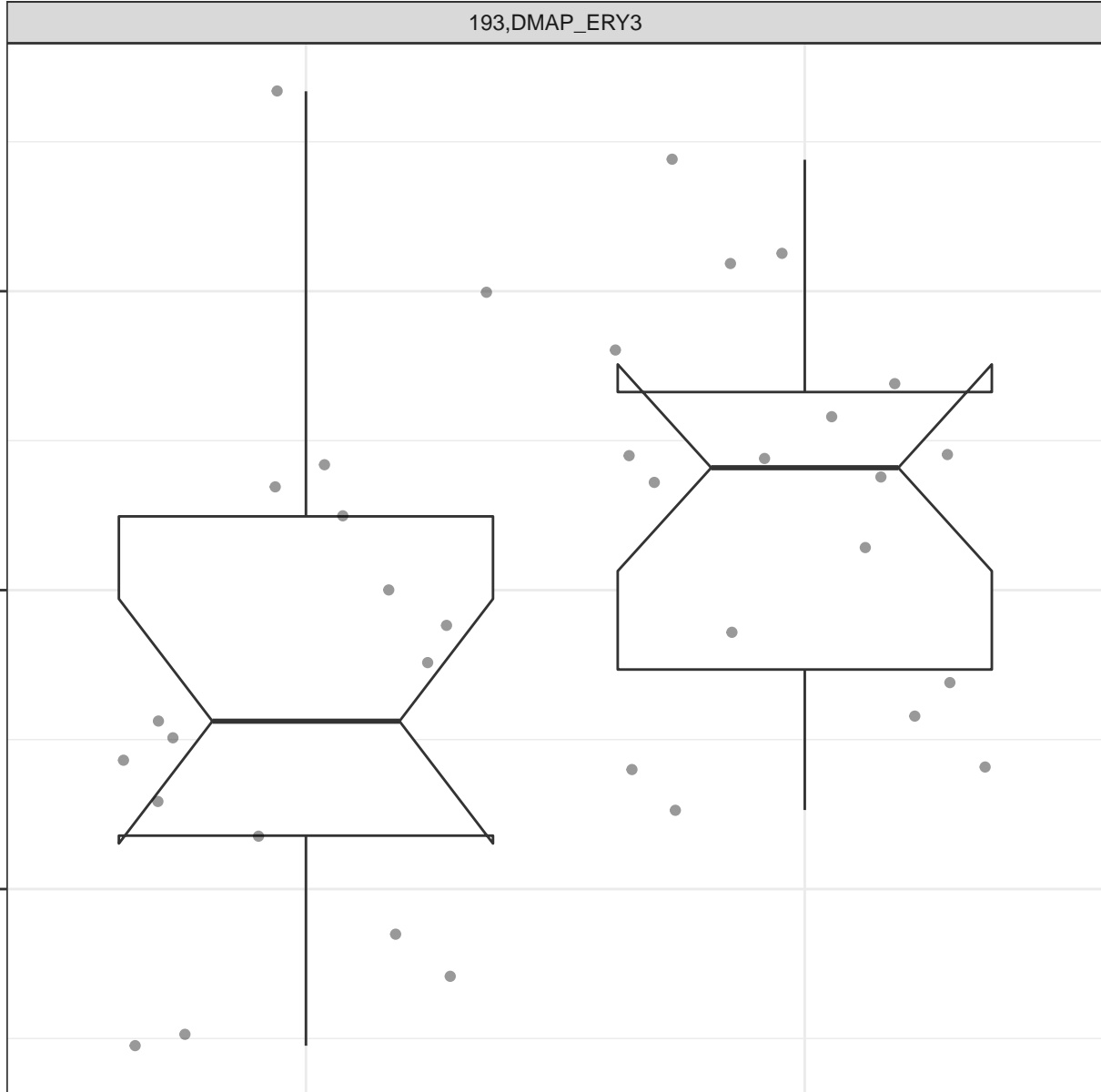
0.00

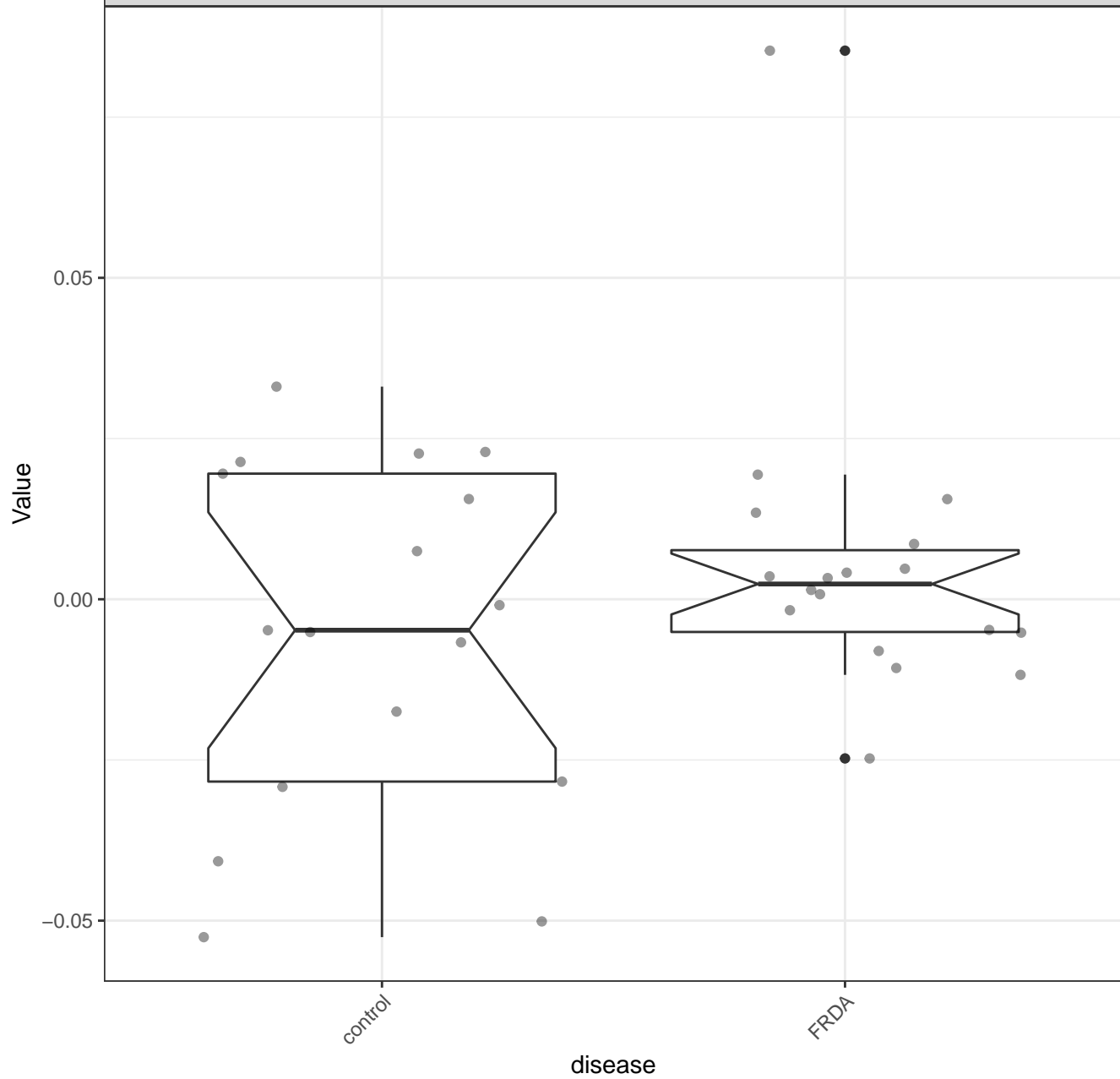
-0.02

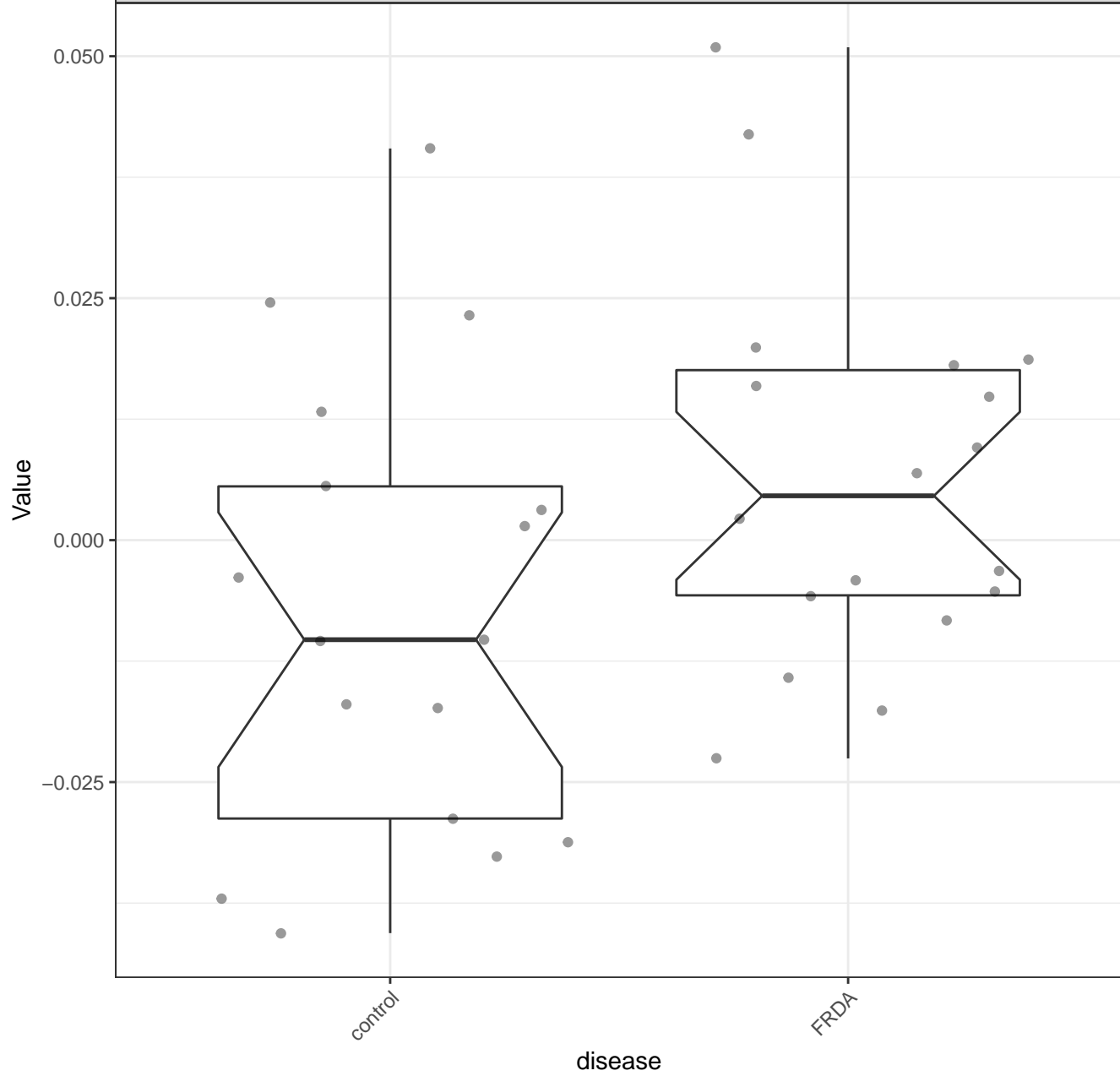
control

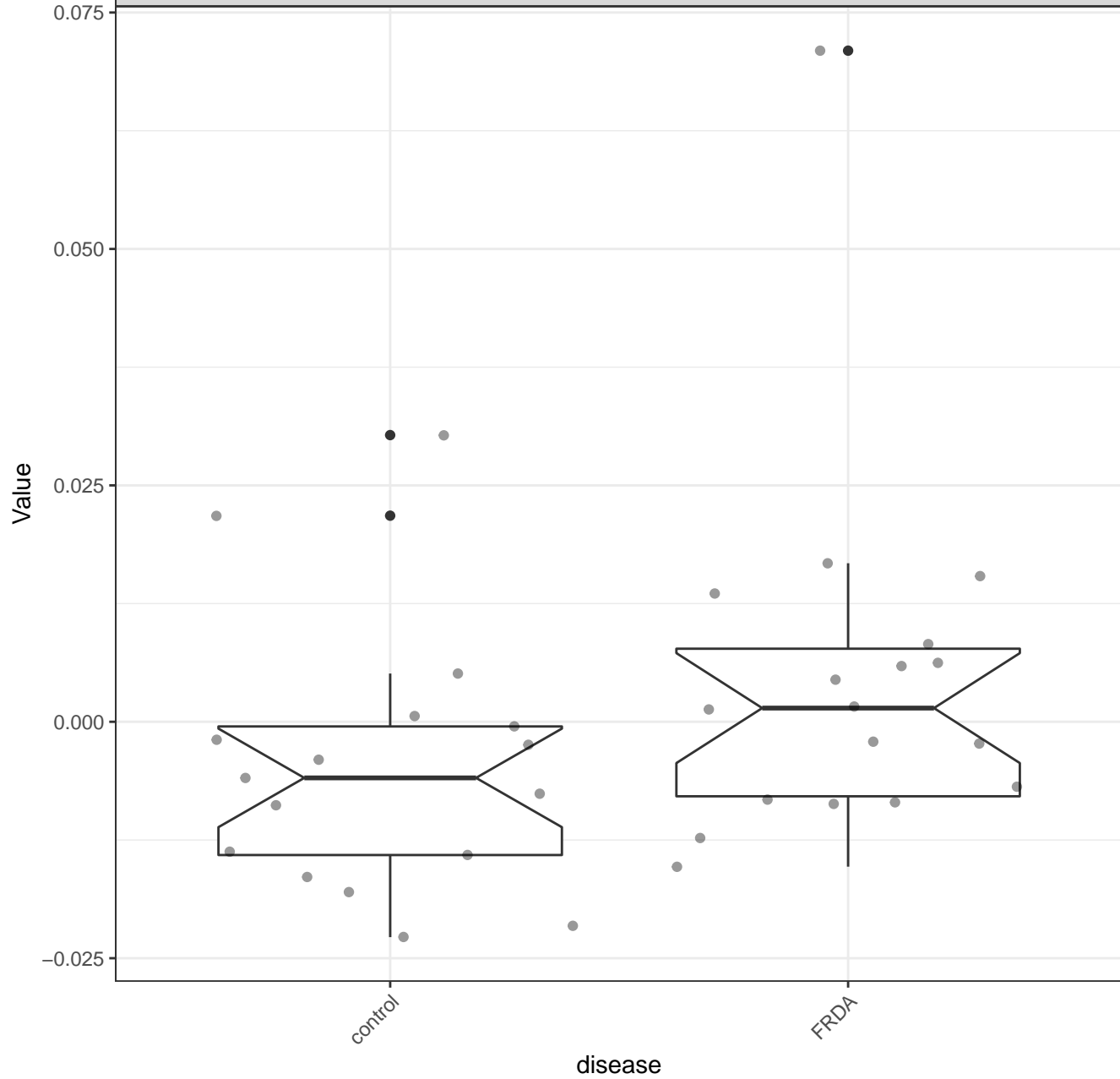
FRDA

disease











control

FRDA

disease

LV 198

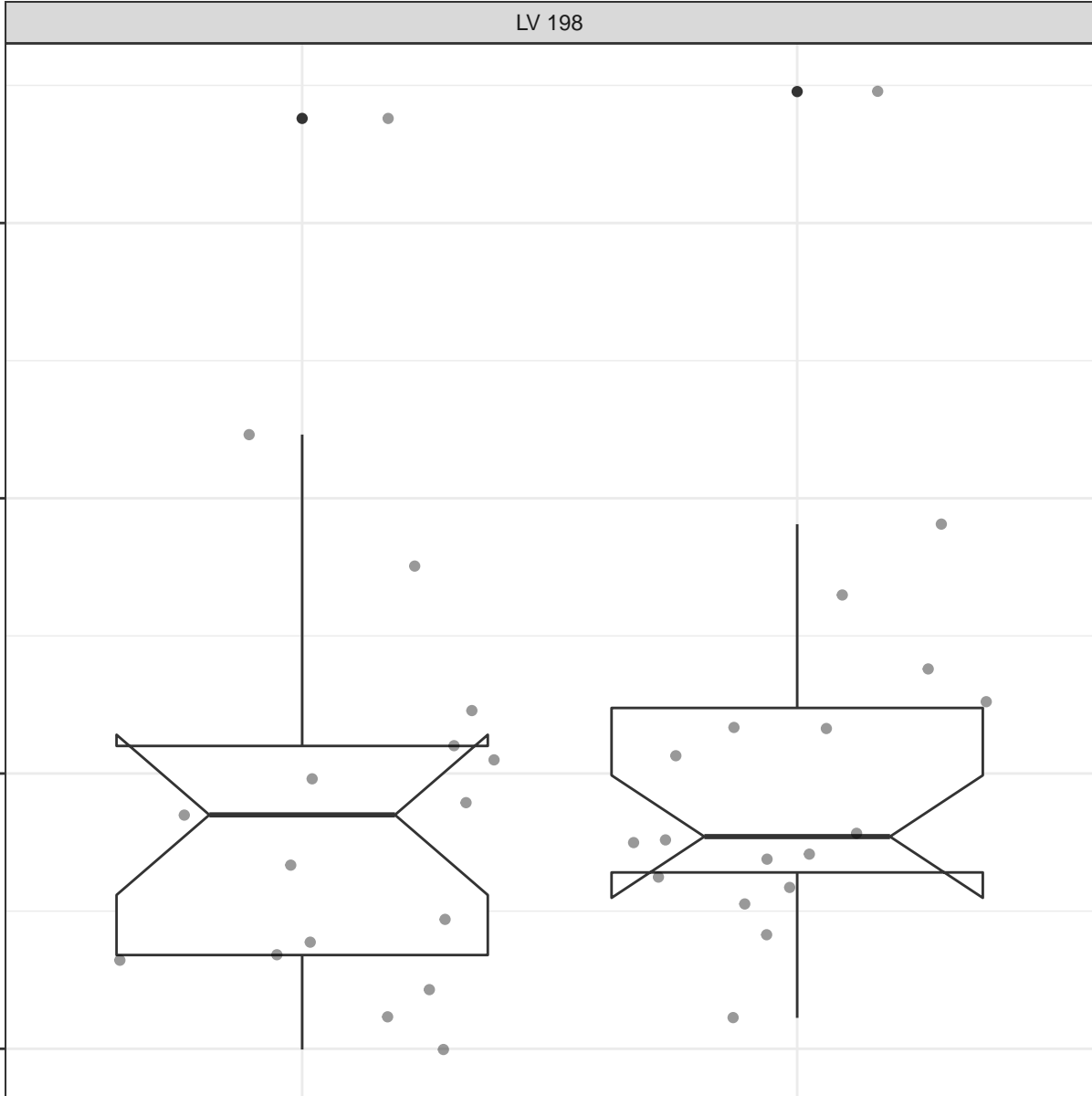
Value

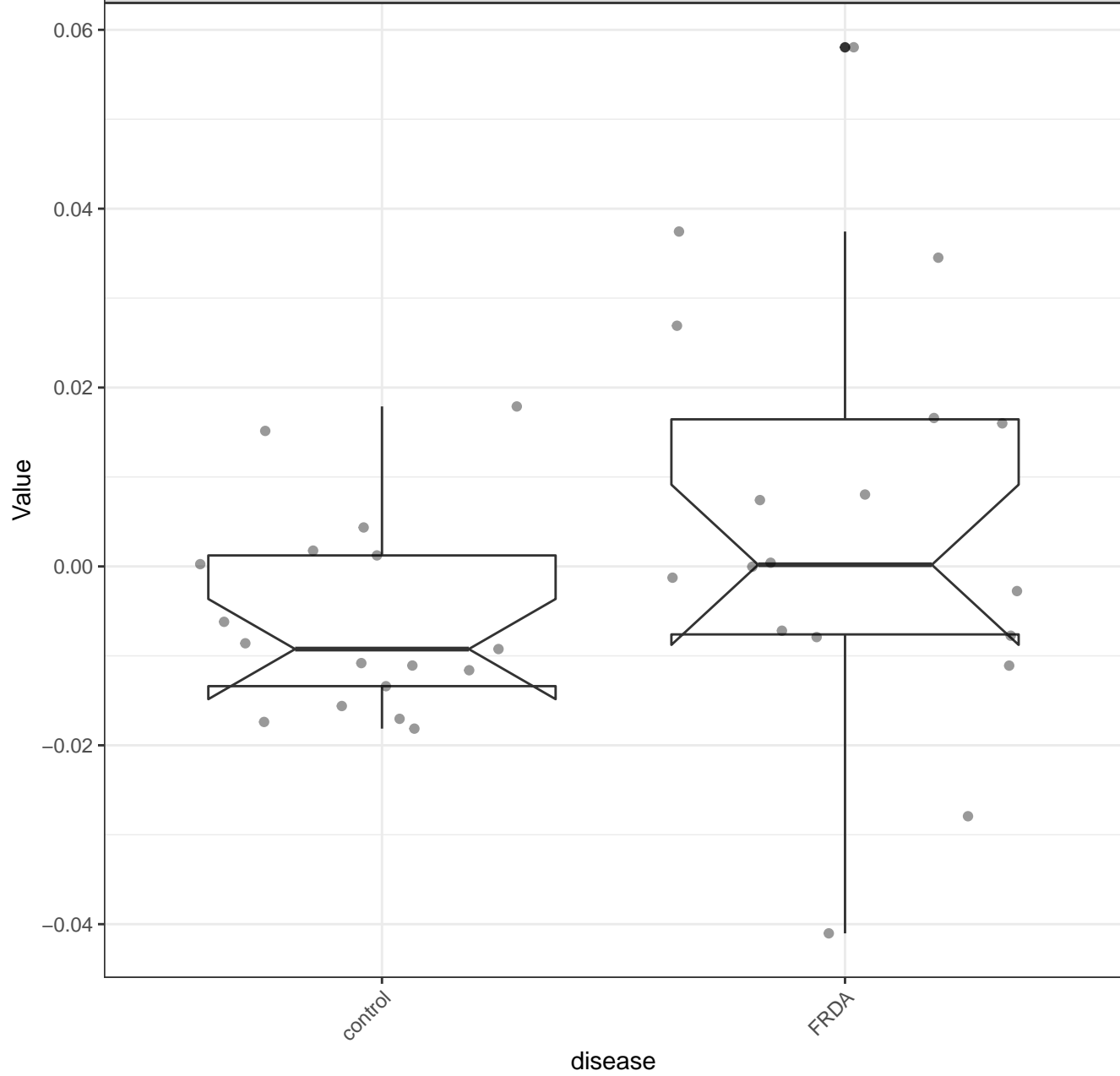
0.050  
0.025  
0.000  
-0.025

control

FRDA

disease









Value

0.050

0.025

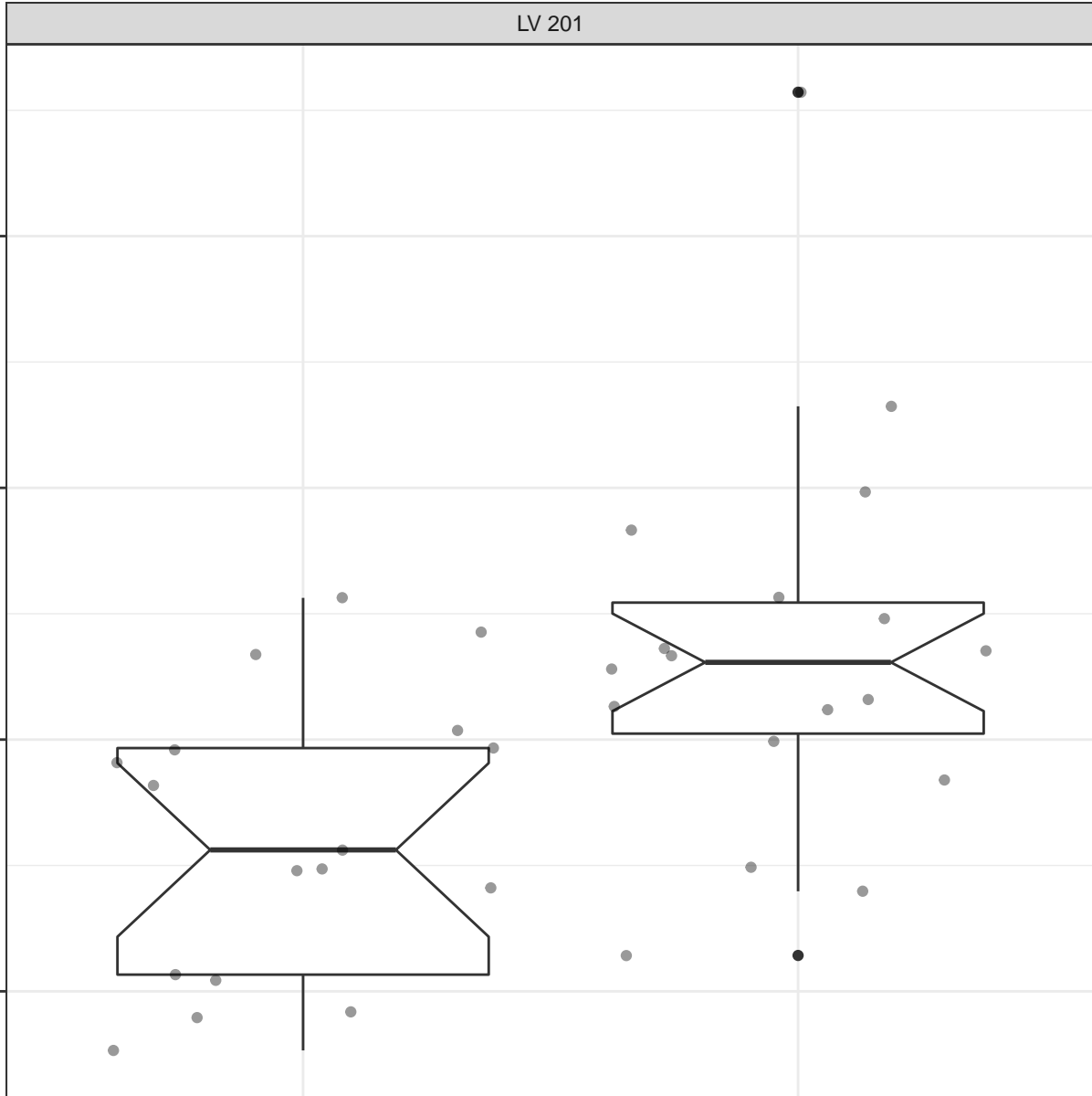
0.000

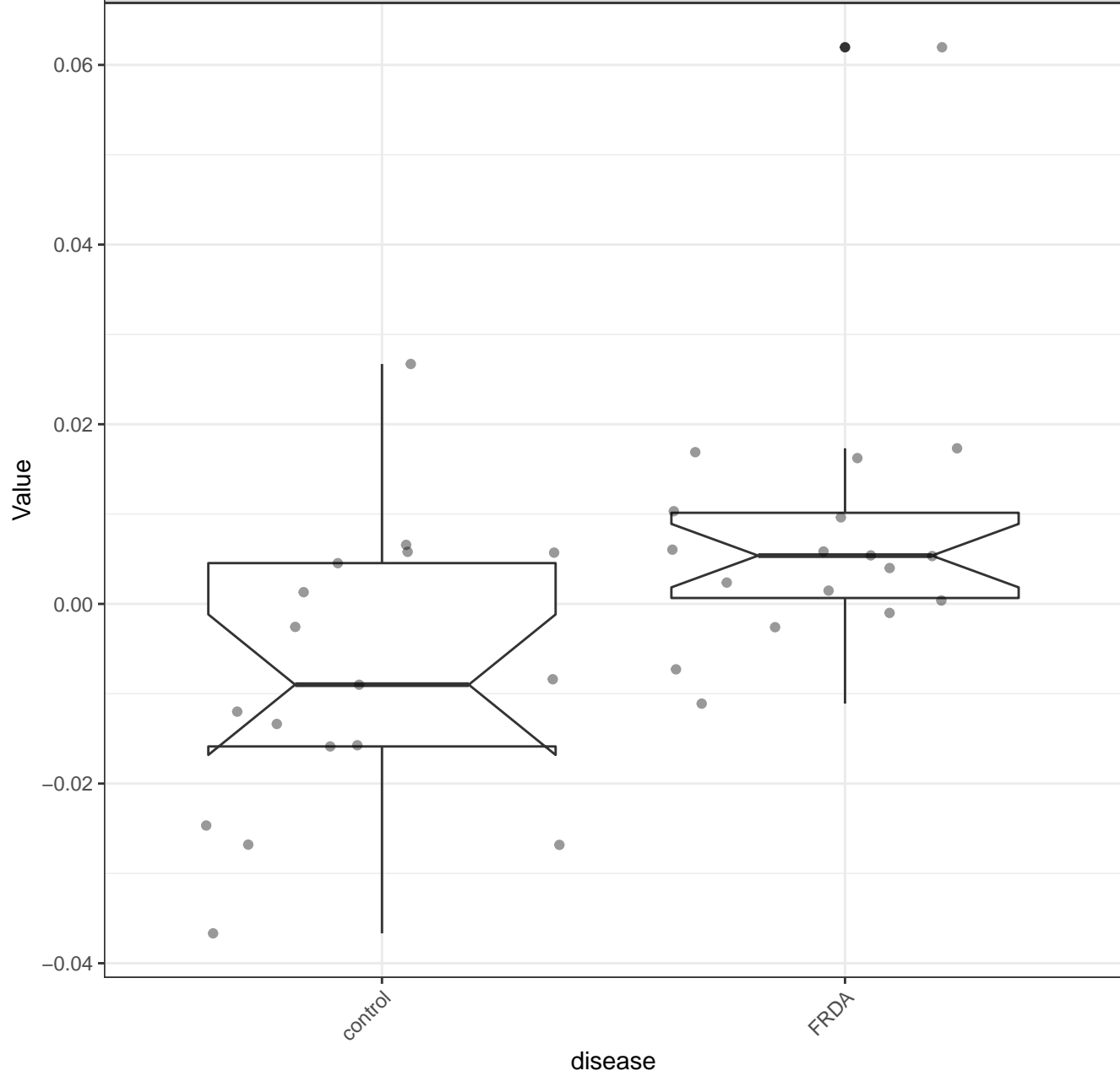
-0.025

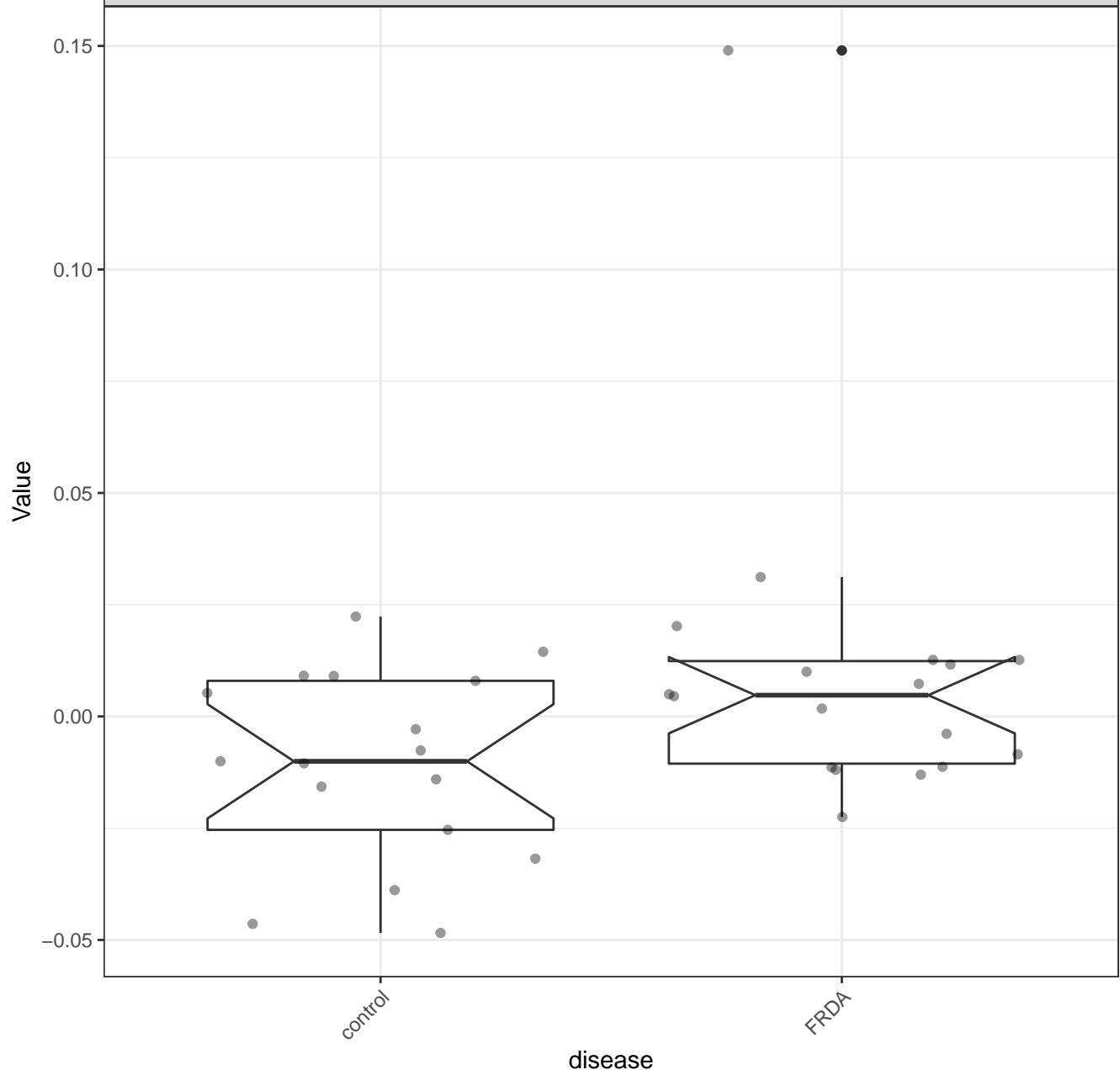
control

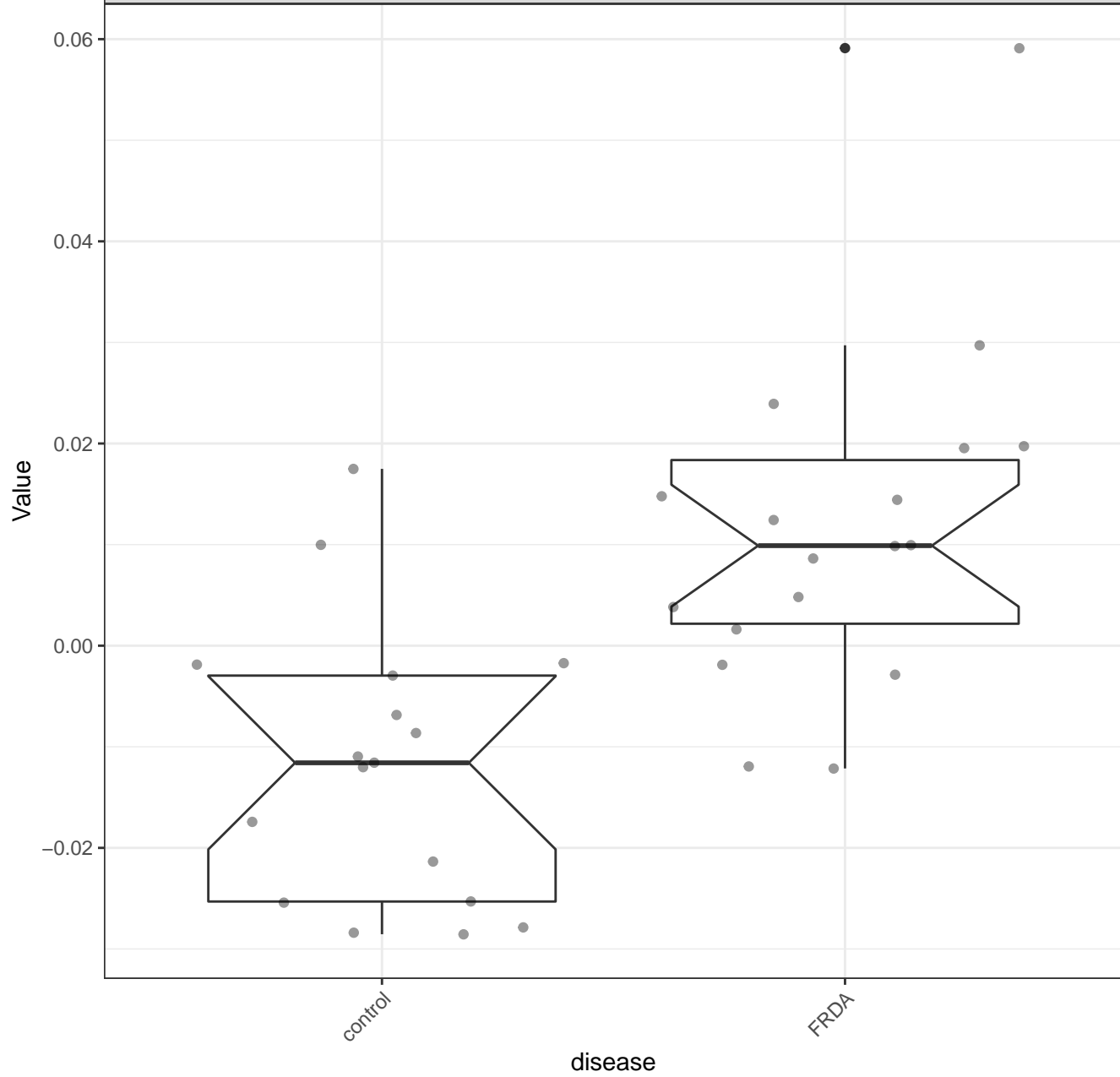
FRDA

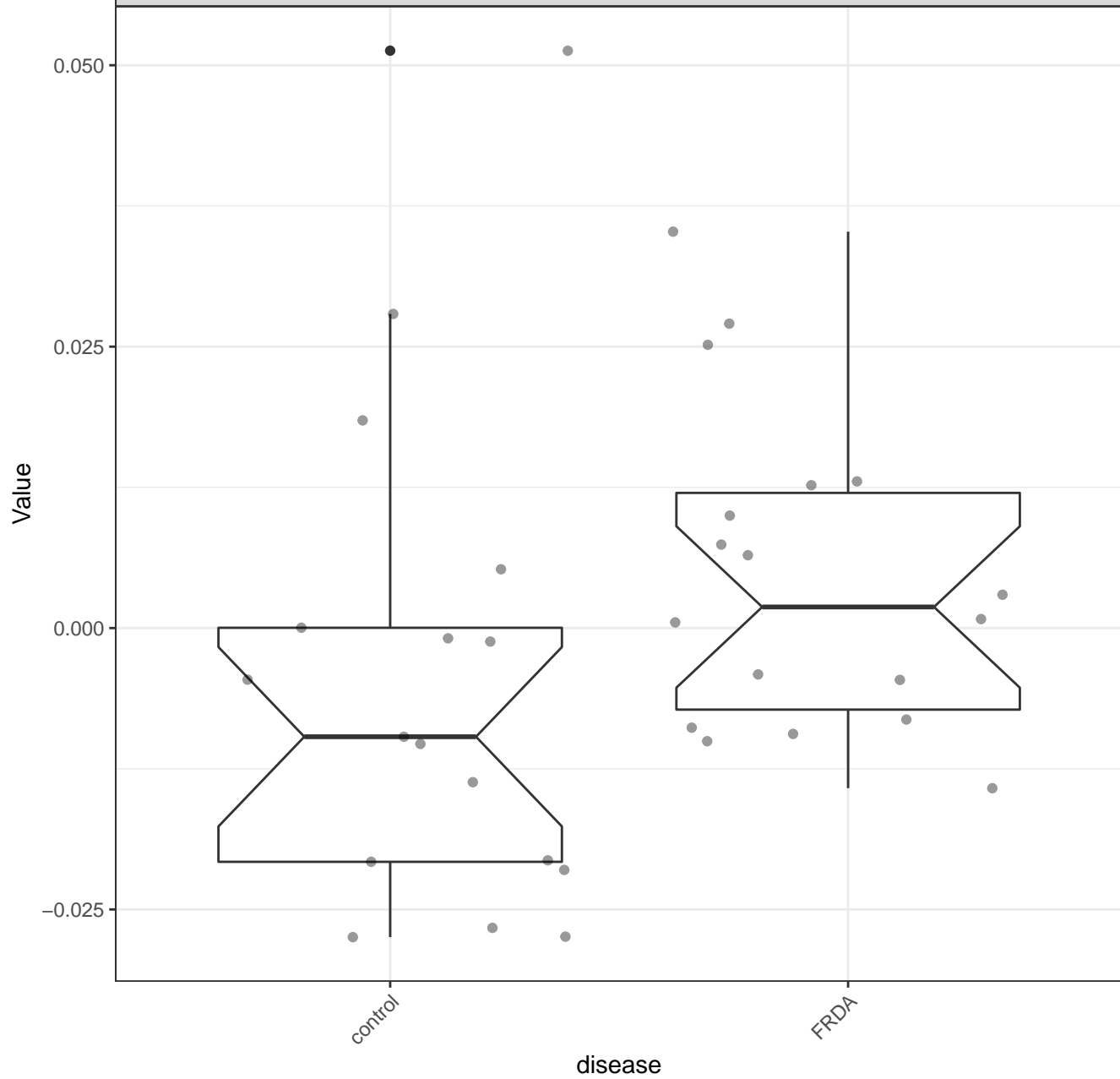
disease

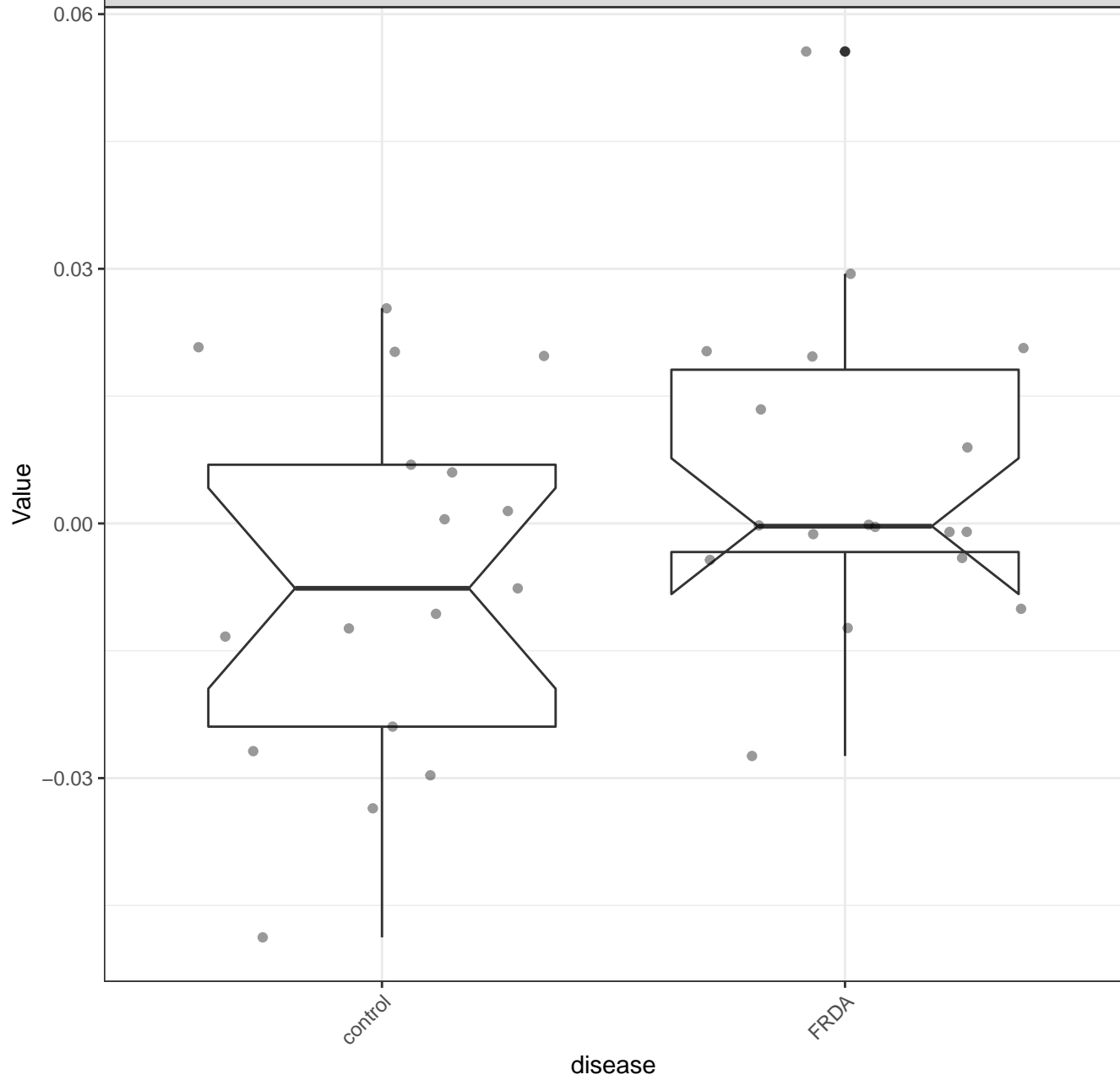


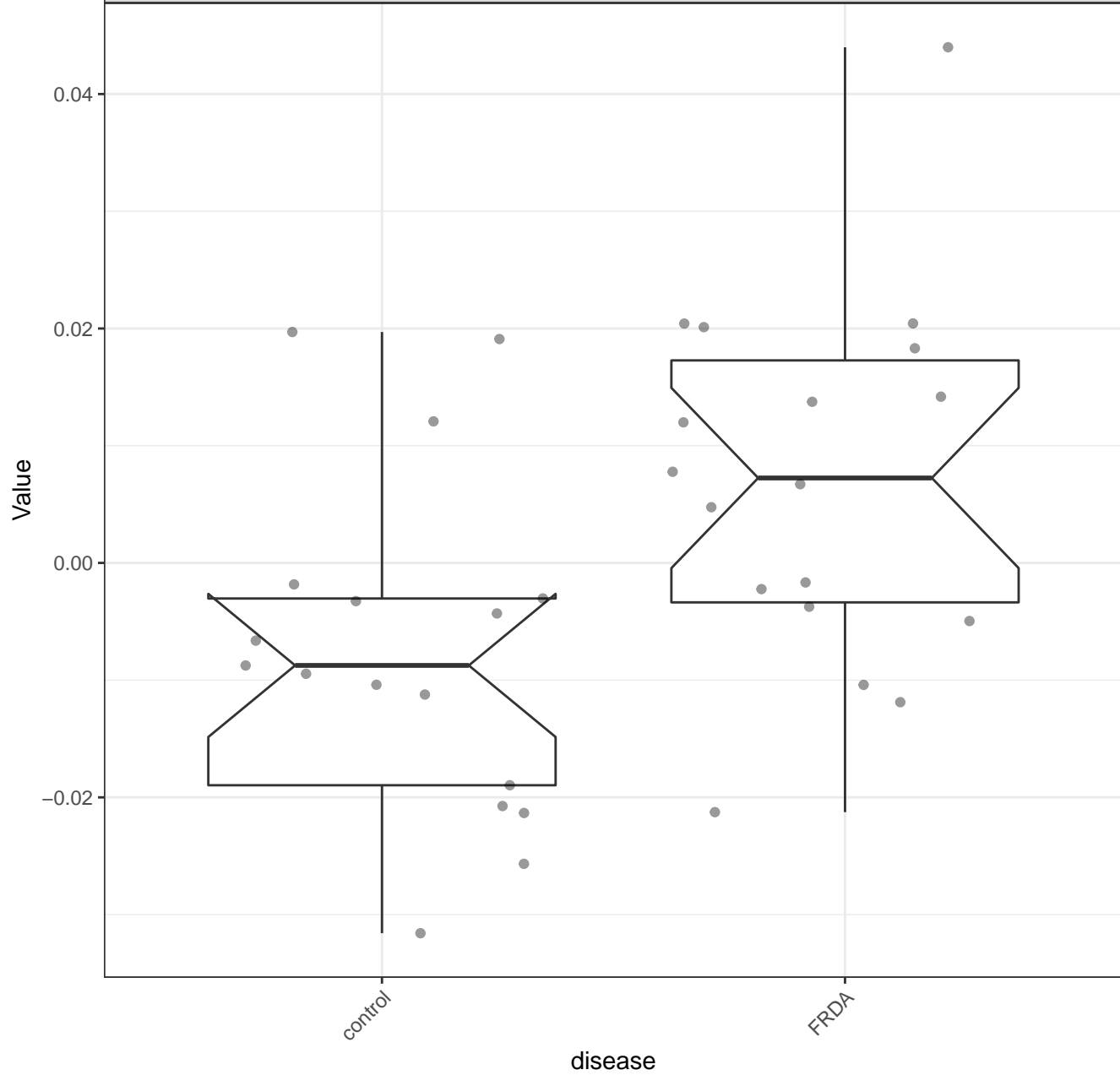












Value

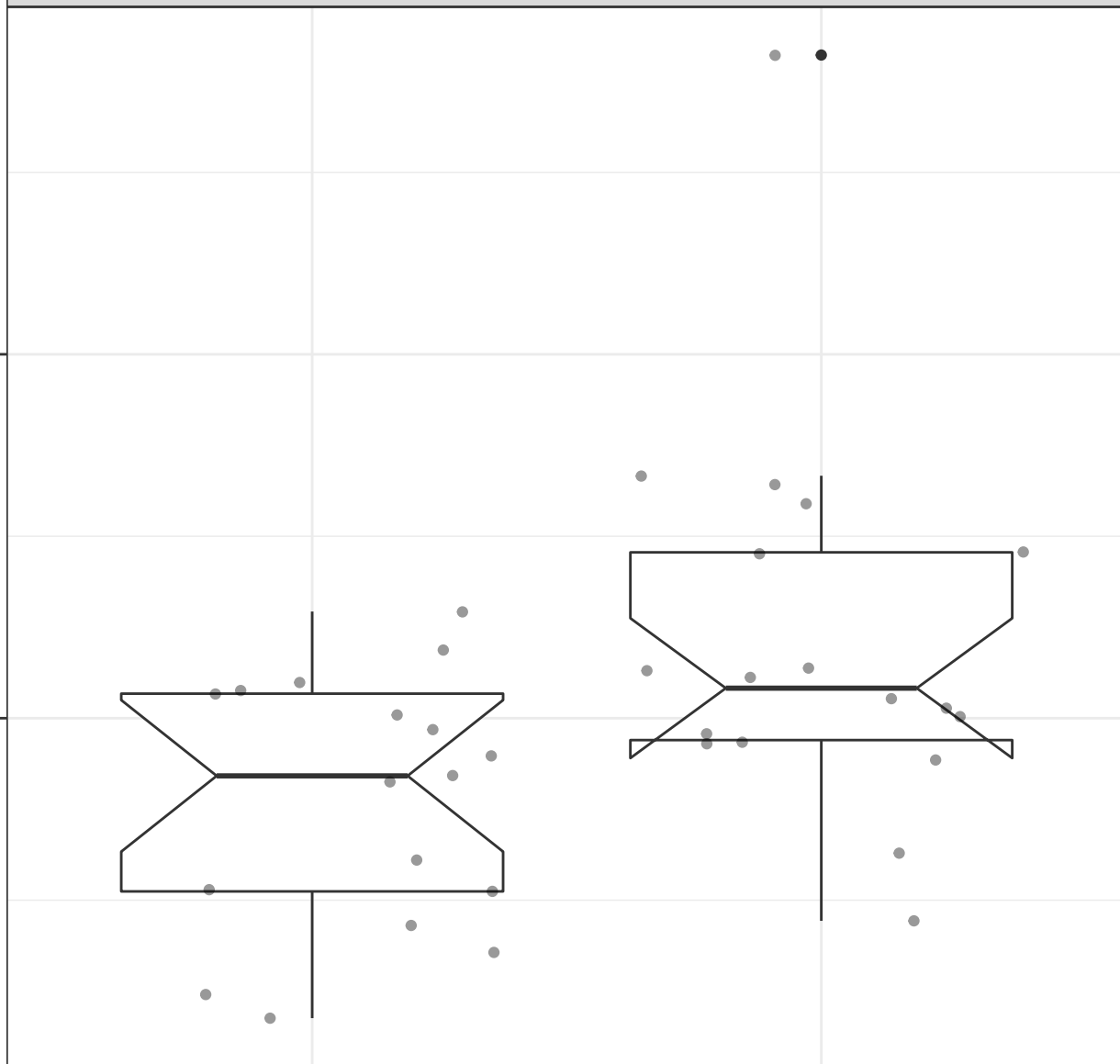
0.05

0.00

control

disease

FRDA





Value

0.05

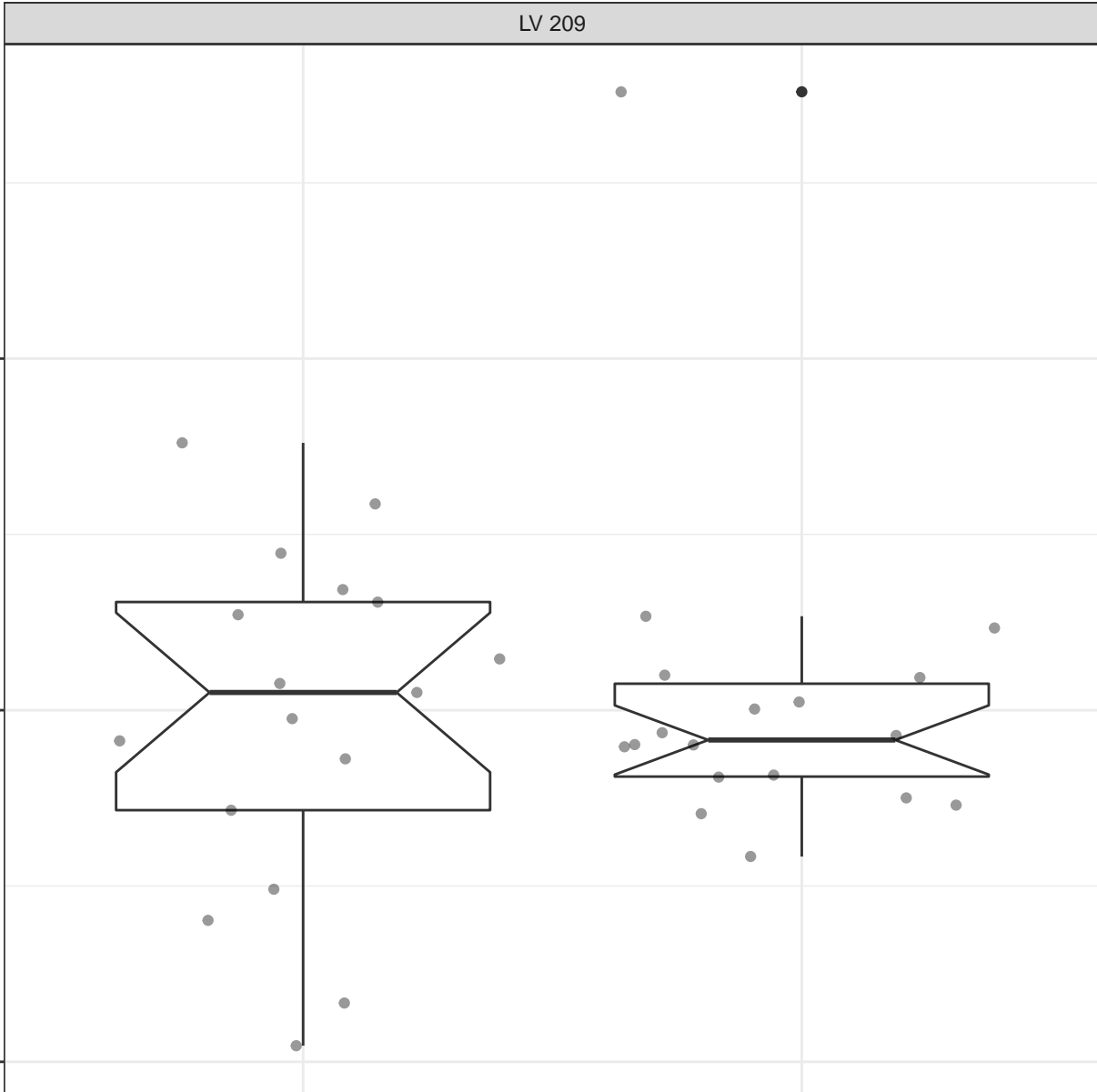
0.00

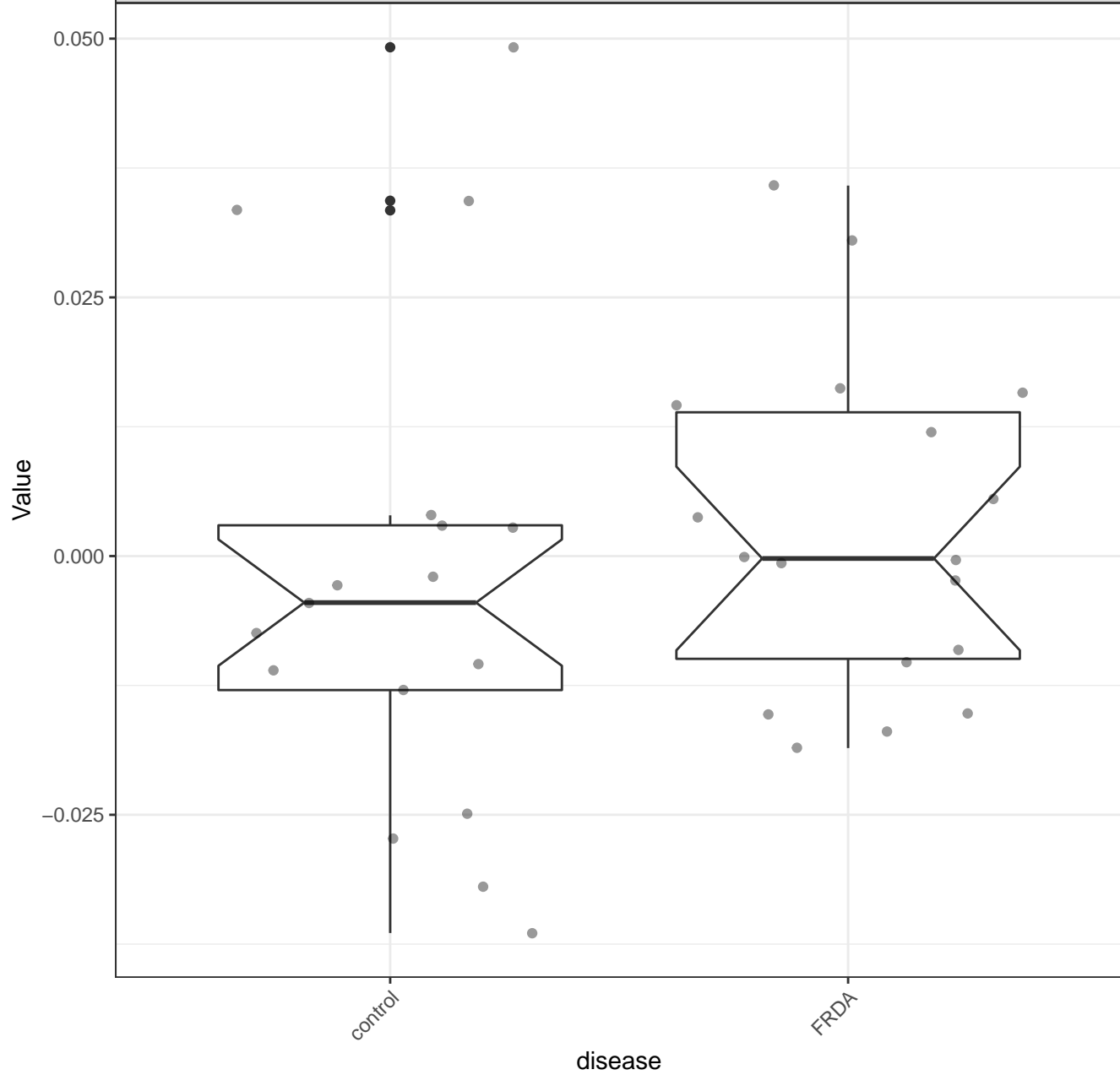
-0.05

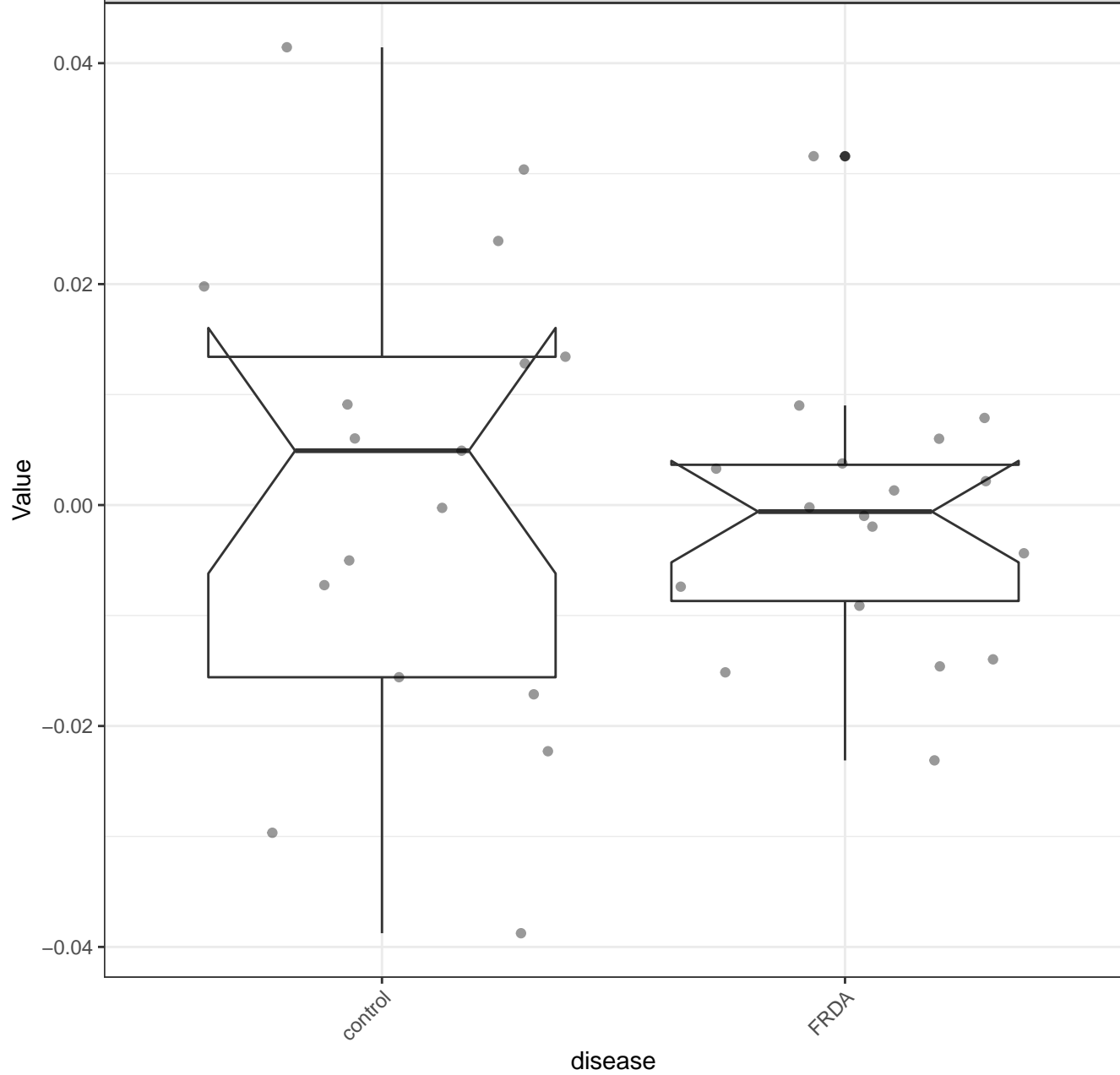
control

FRDA

disease







Value

0.06

0.04

0.02

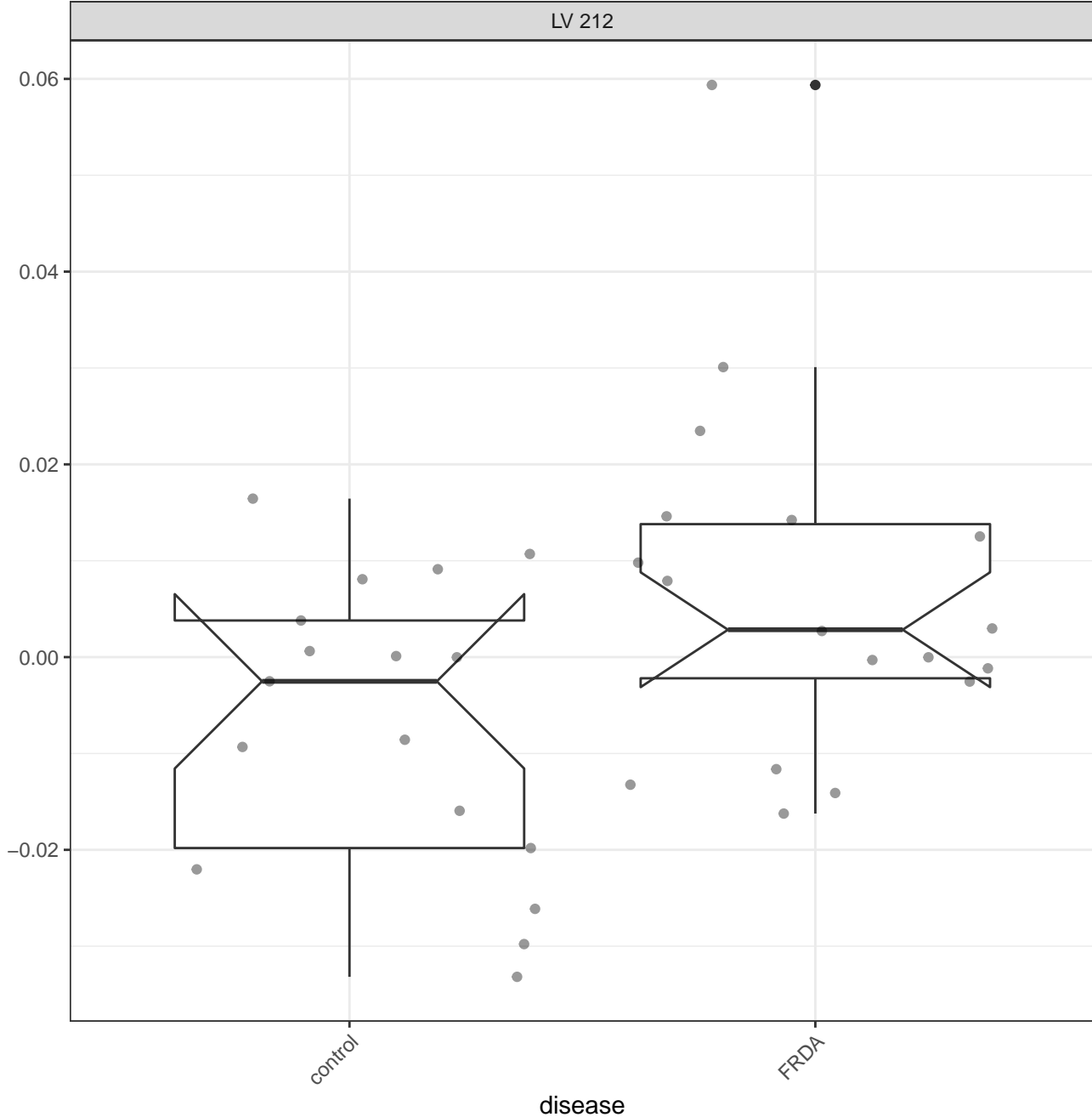
0.00

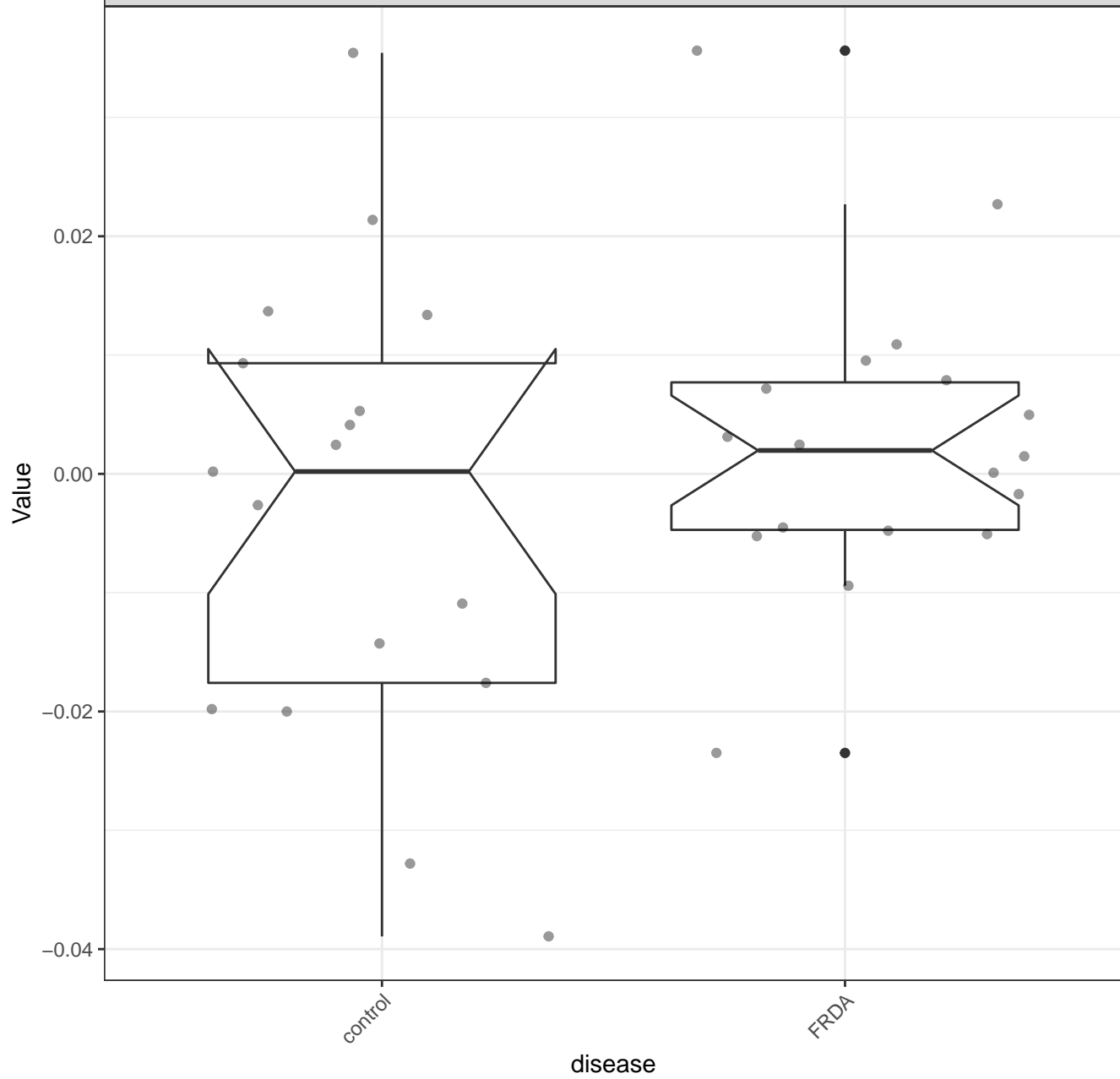
-0.02

control

FRDA

disease



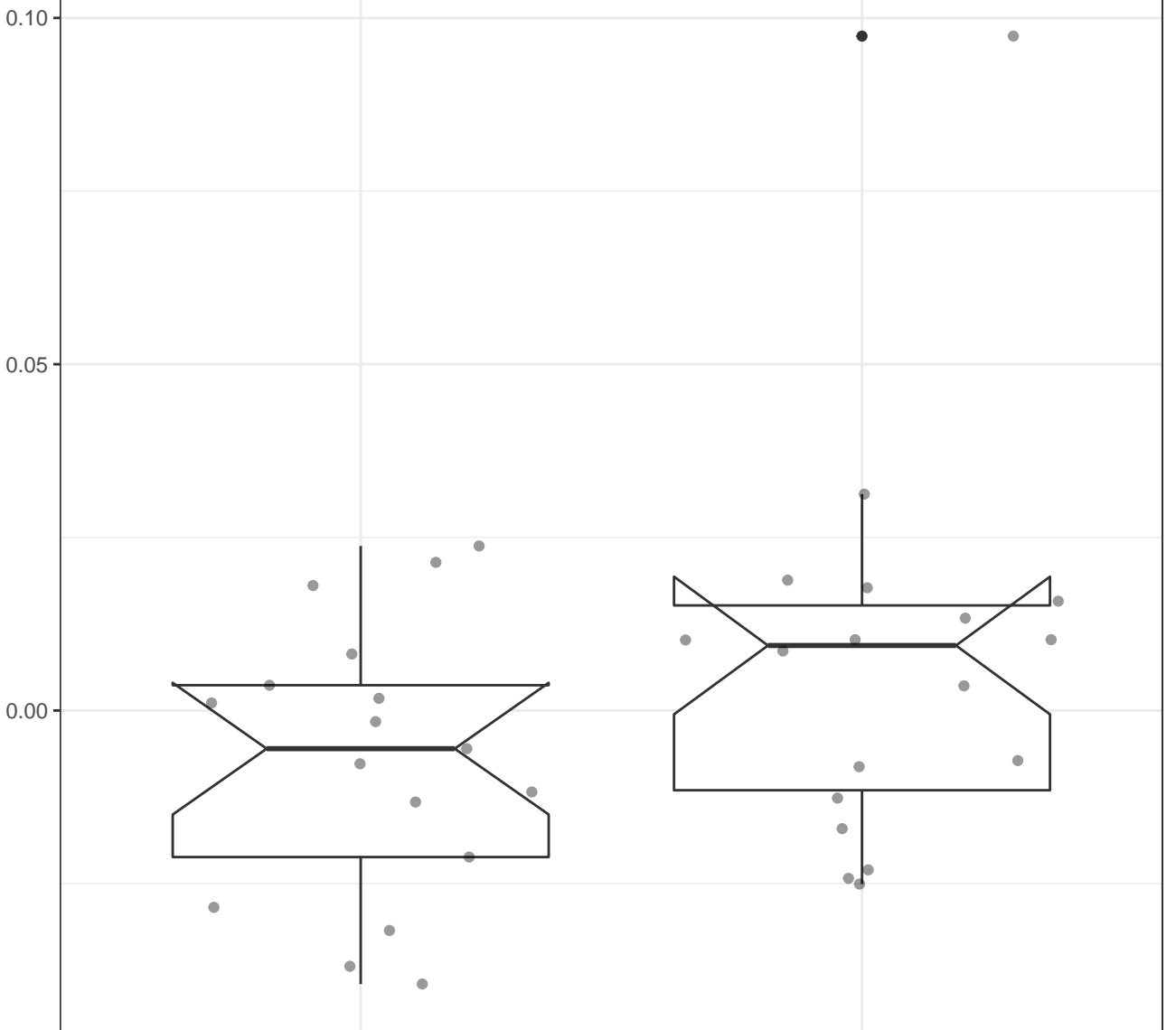


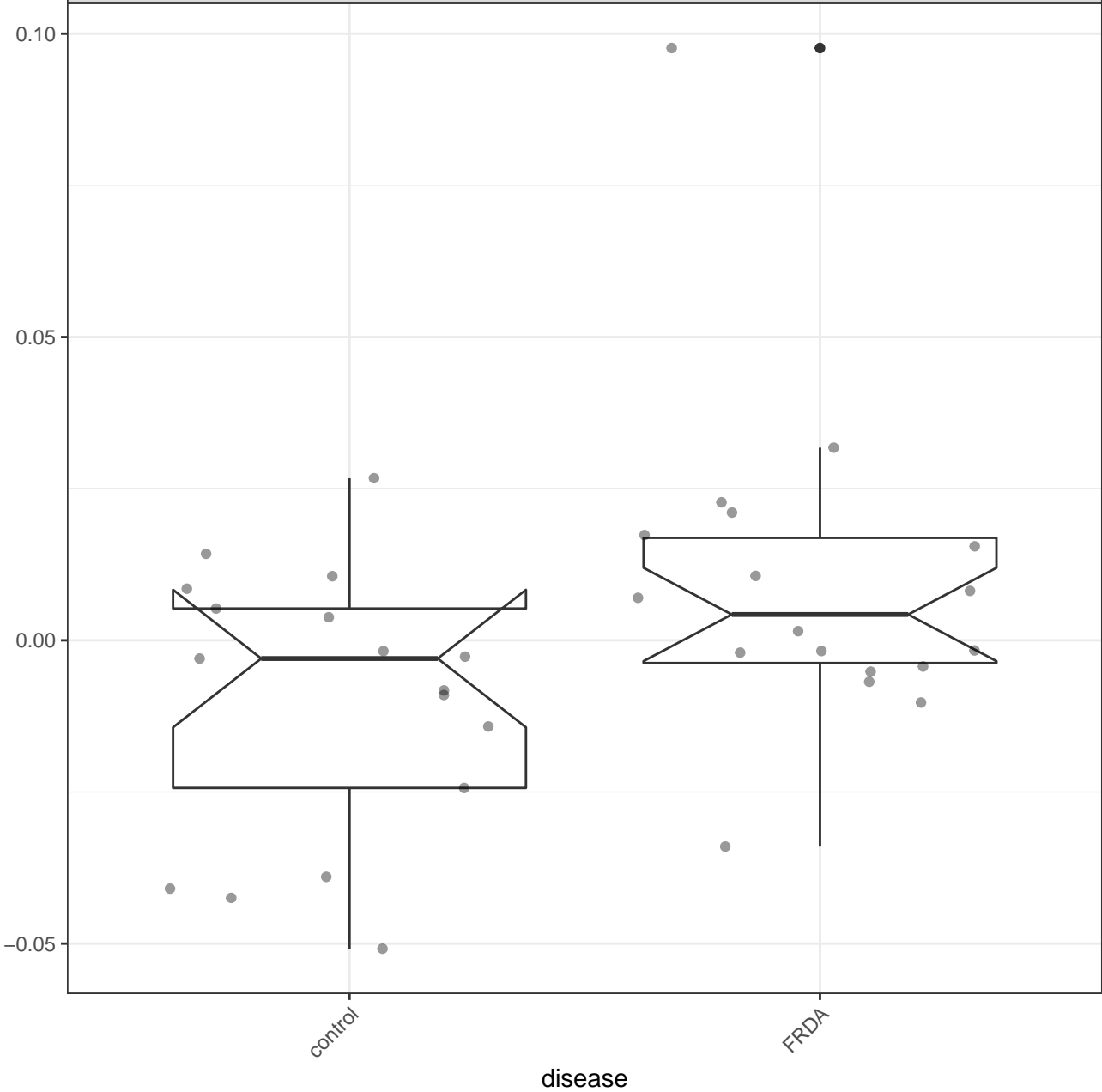
Value

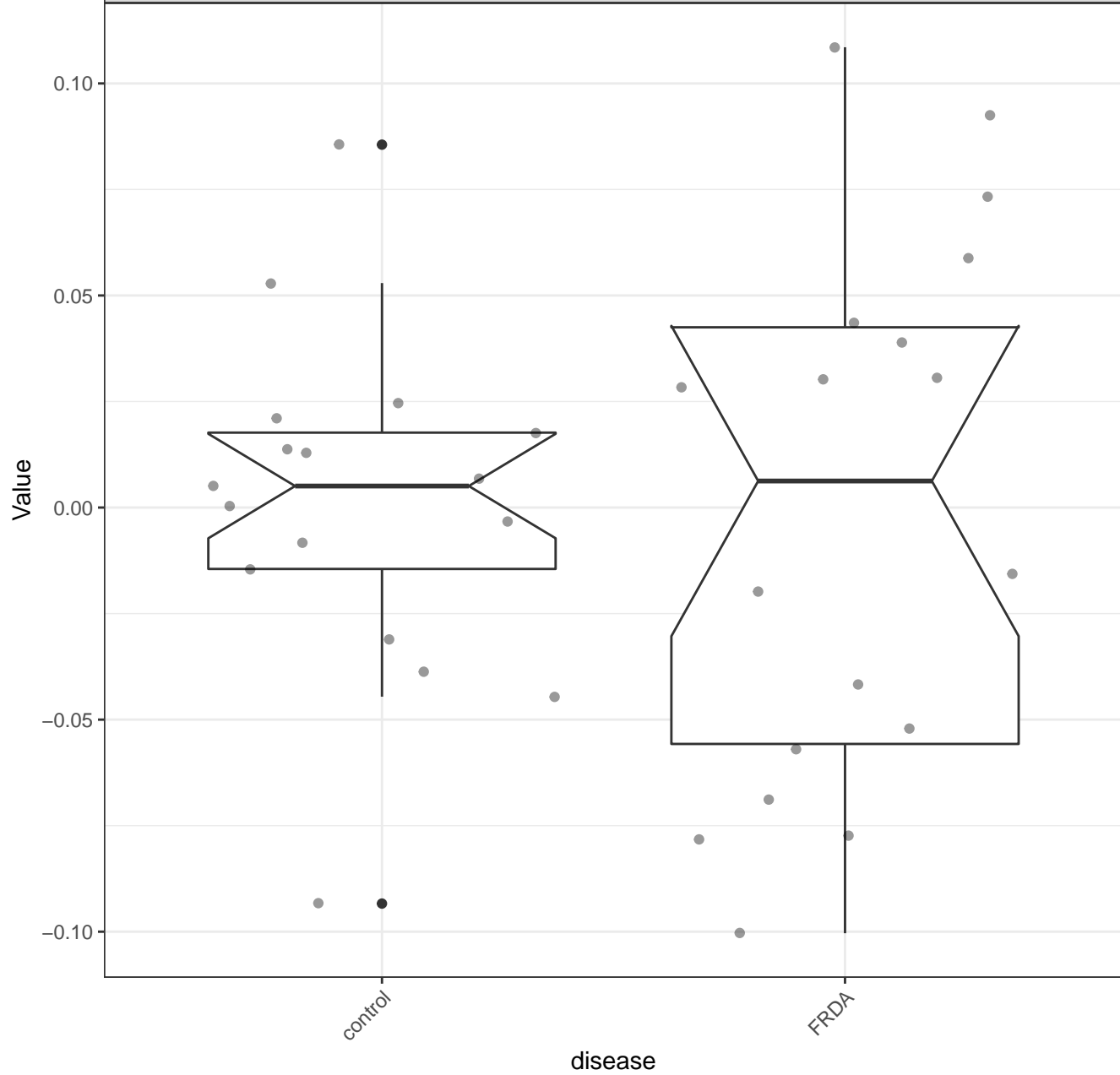
control

FRDA

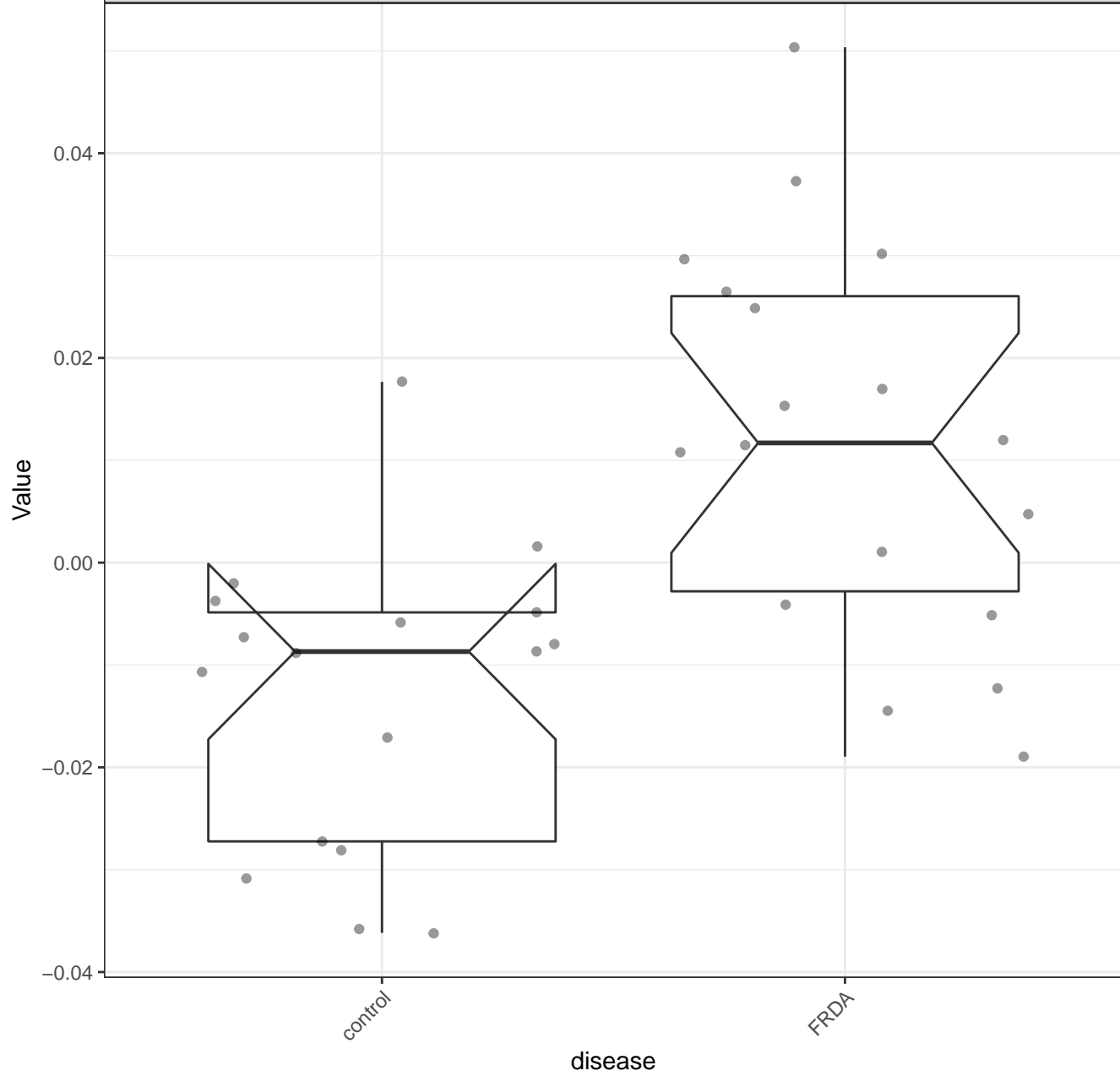
disease











LV 218

Value

0.075

0.050

0.025

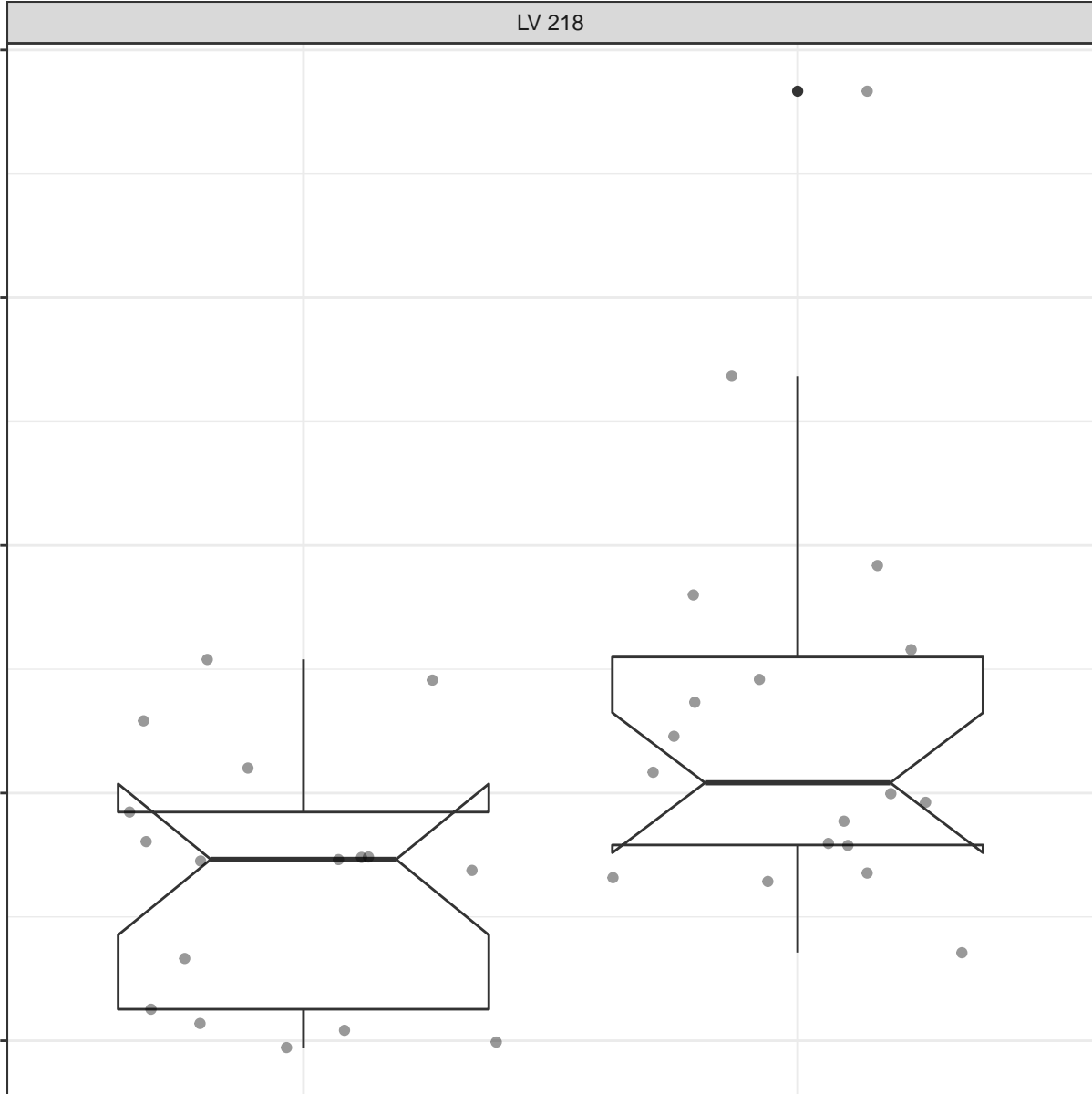
0.000

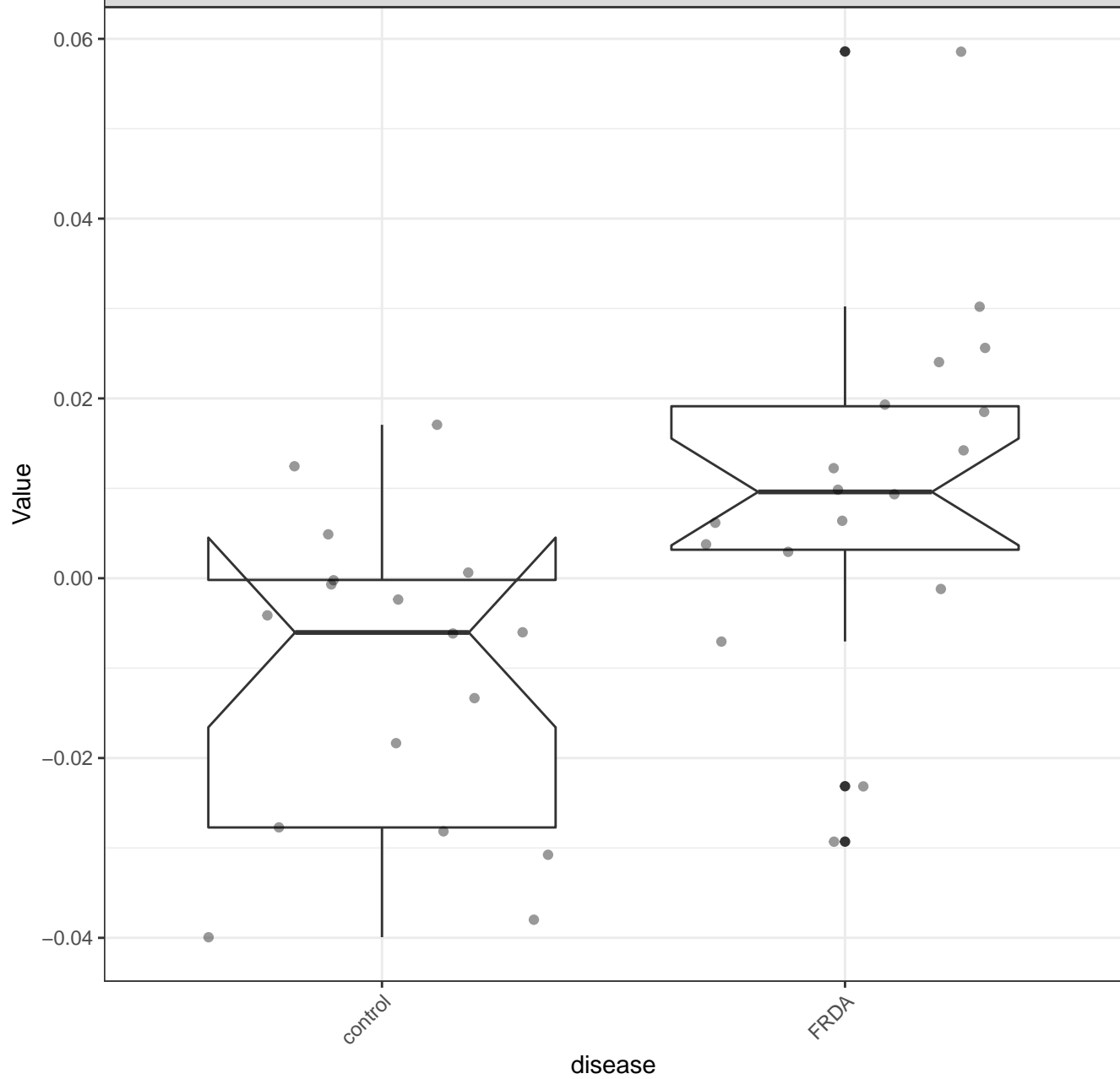
-0.025

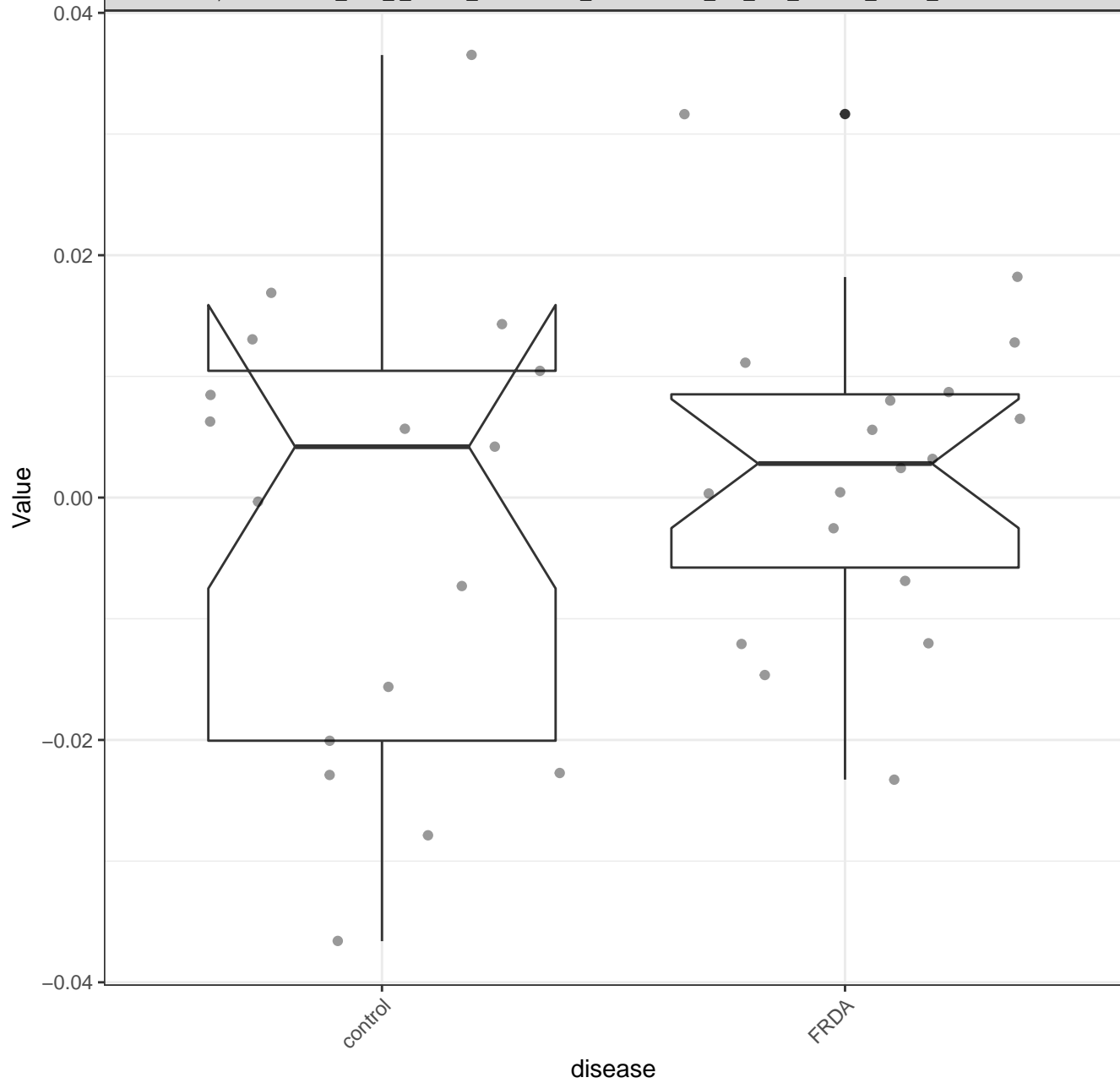
control

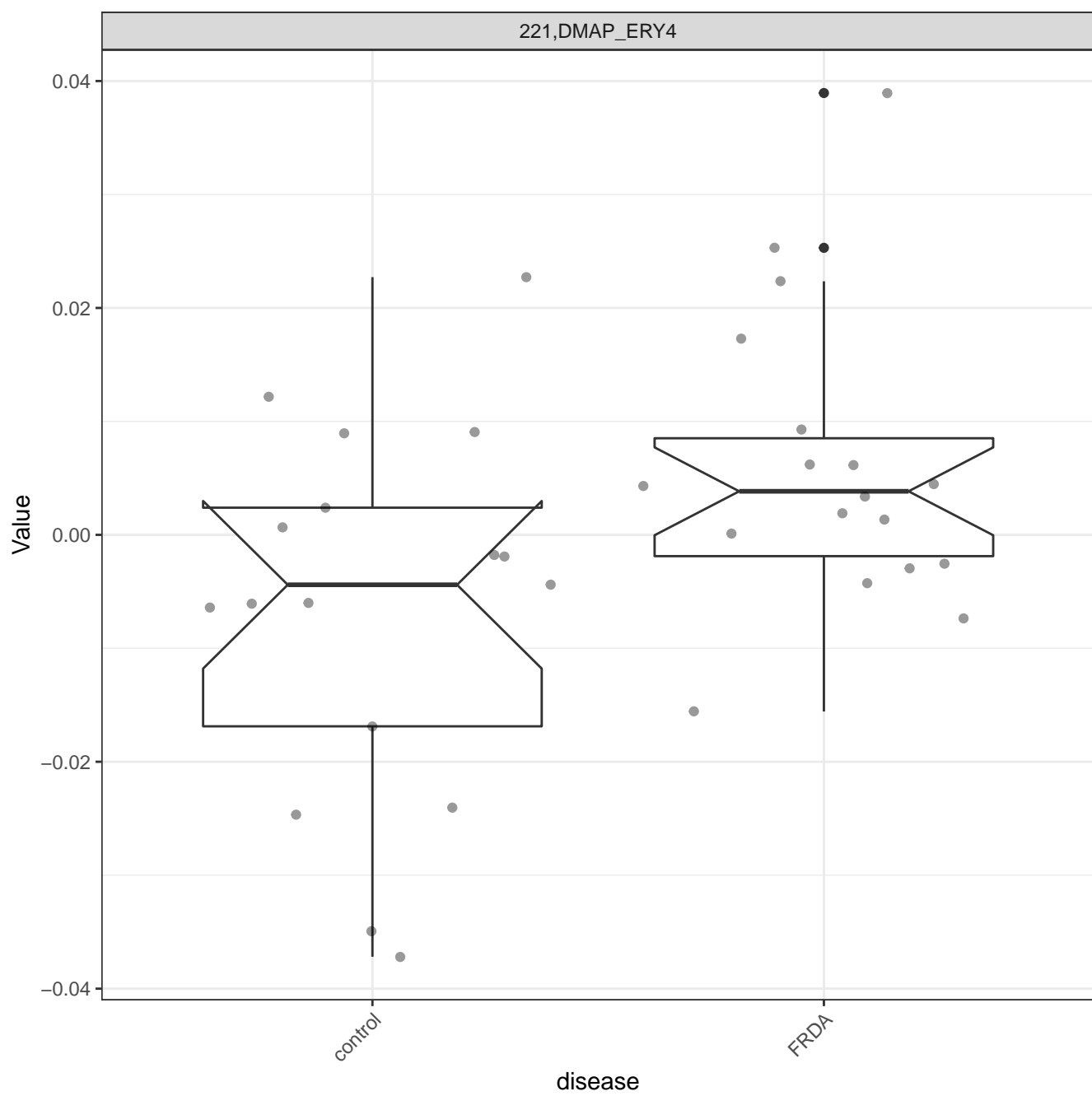
FRDA

disease









Value

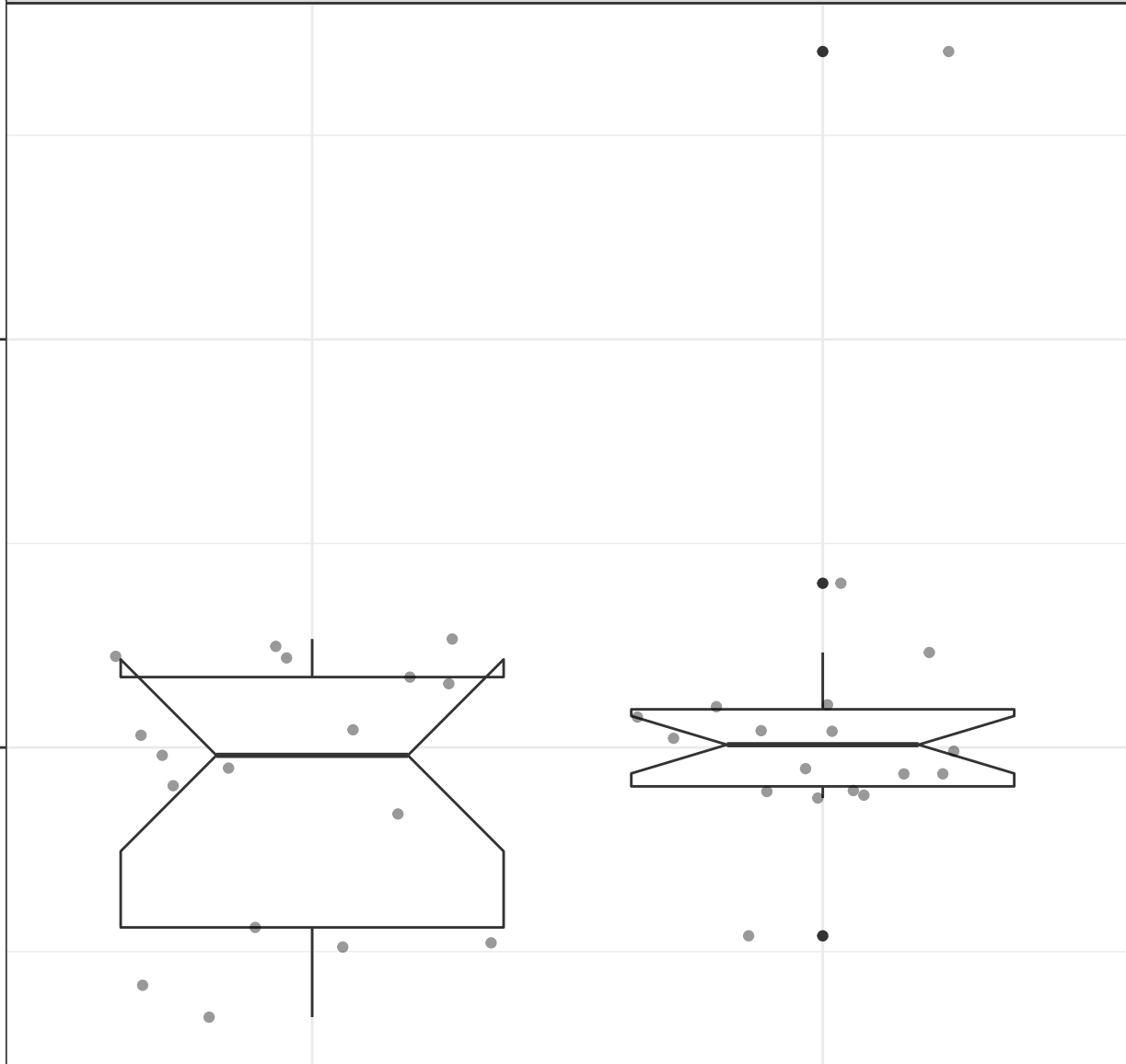
0.05

0.00

control

disease

FRDA



Value

0.04

0.02

0.00

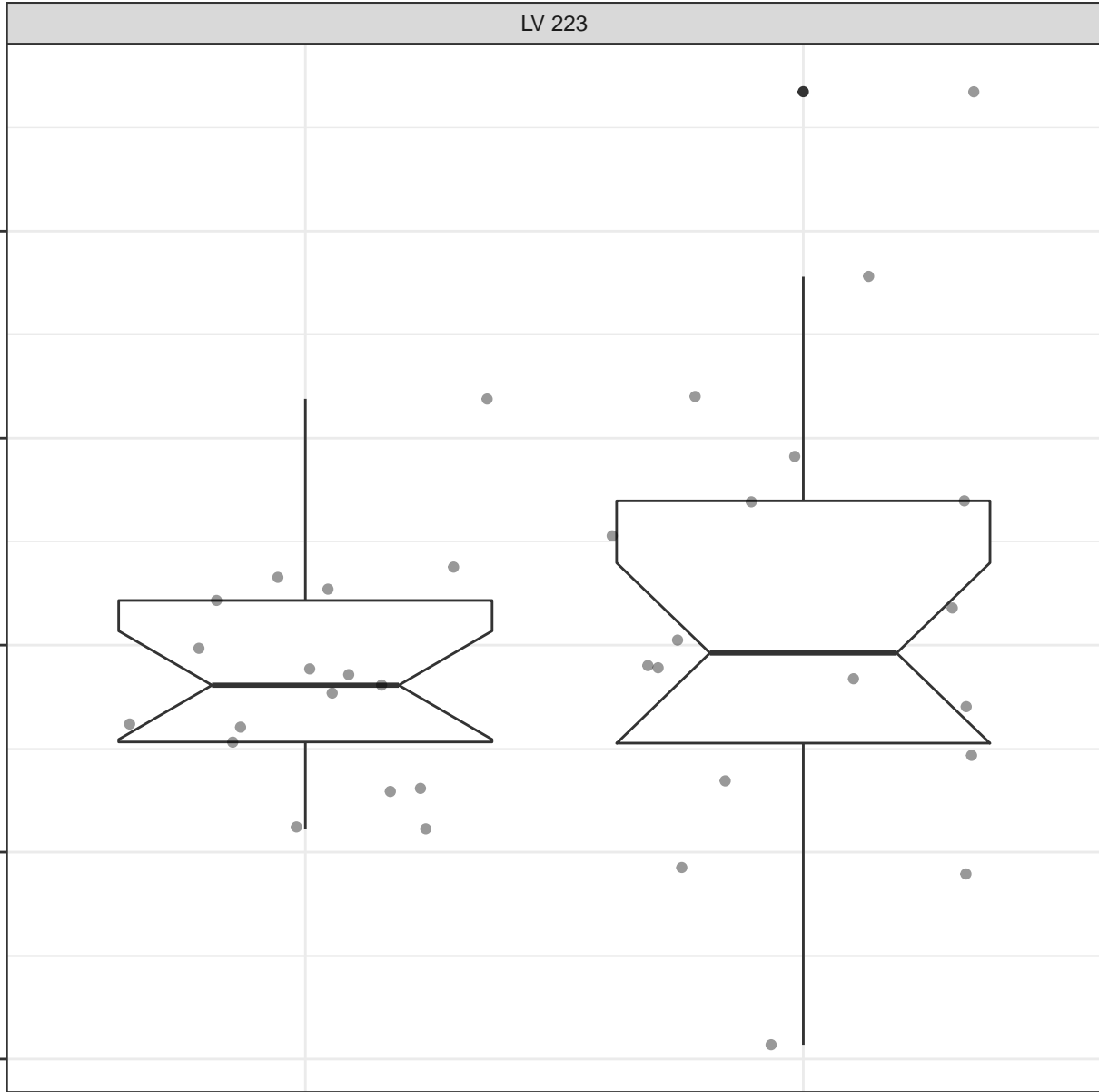
-0.02

-0.04

control

disease

FRDA



224,DMAP_HSC1
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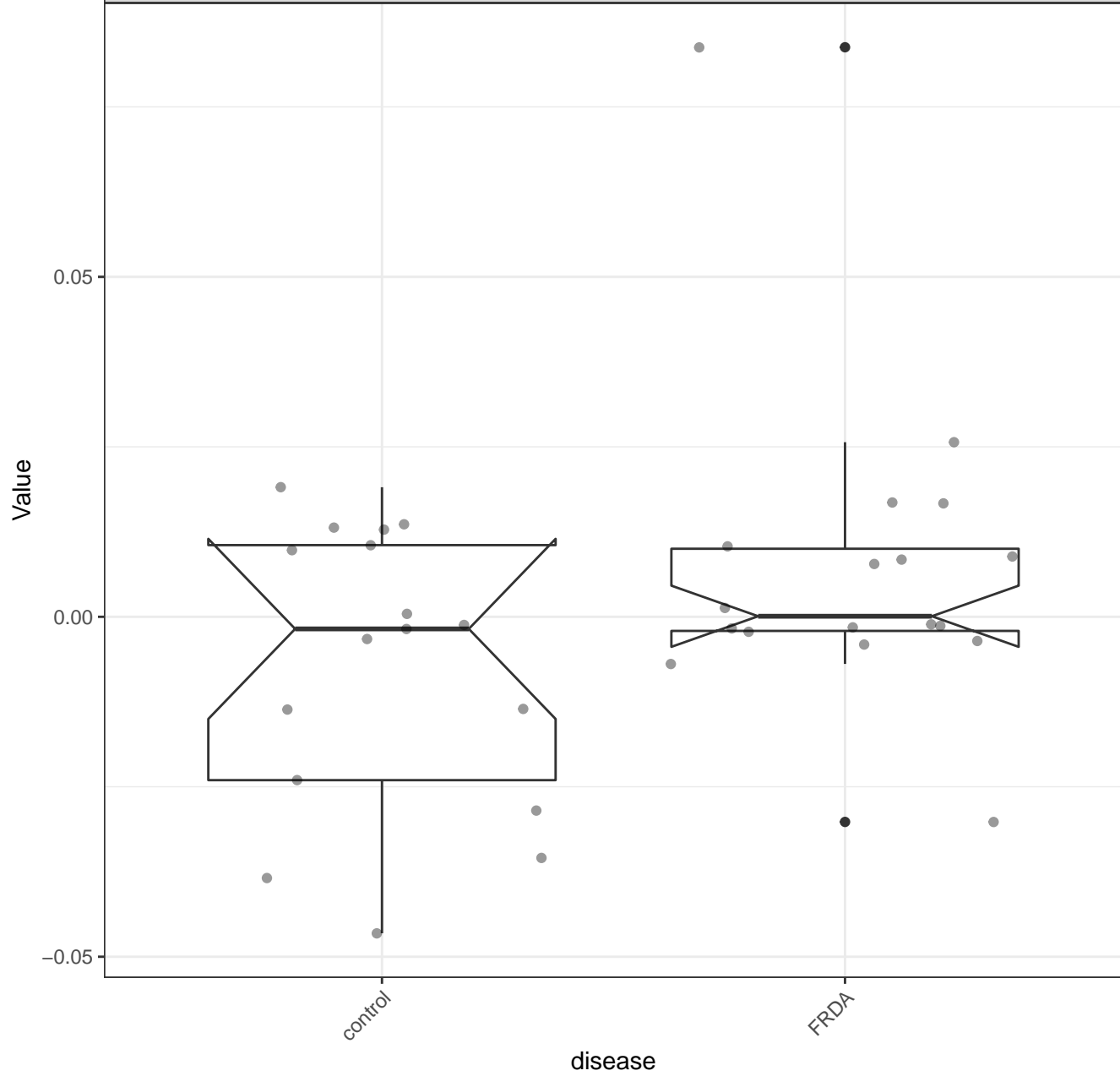


control

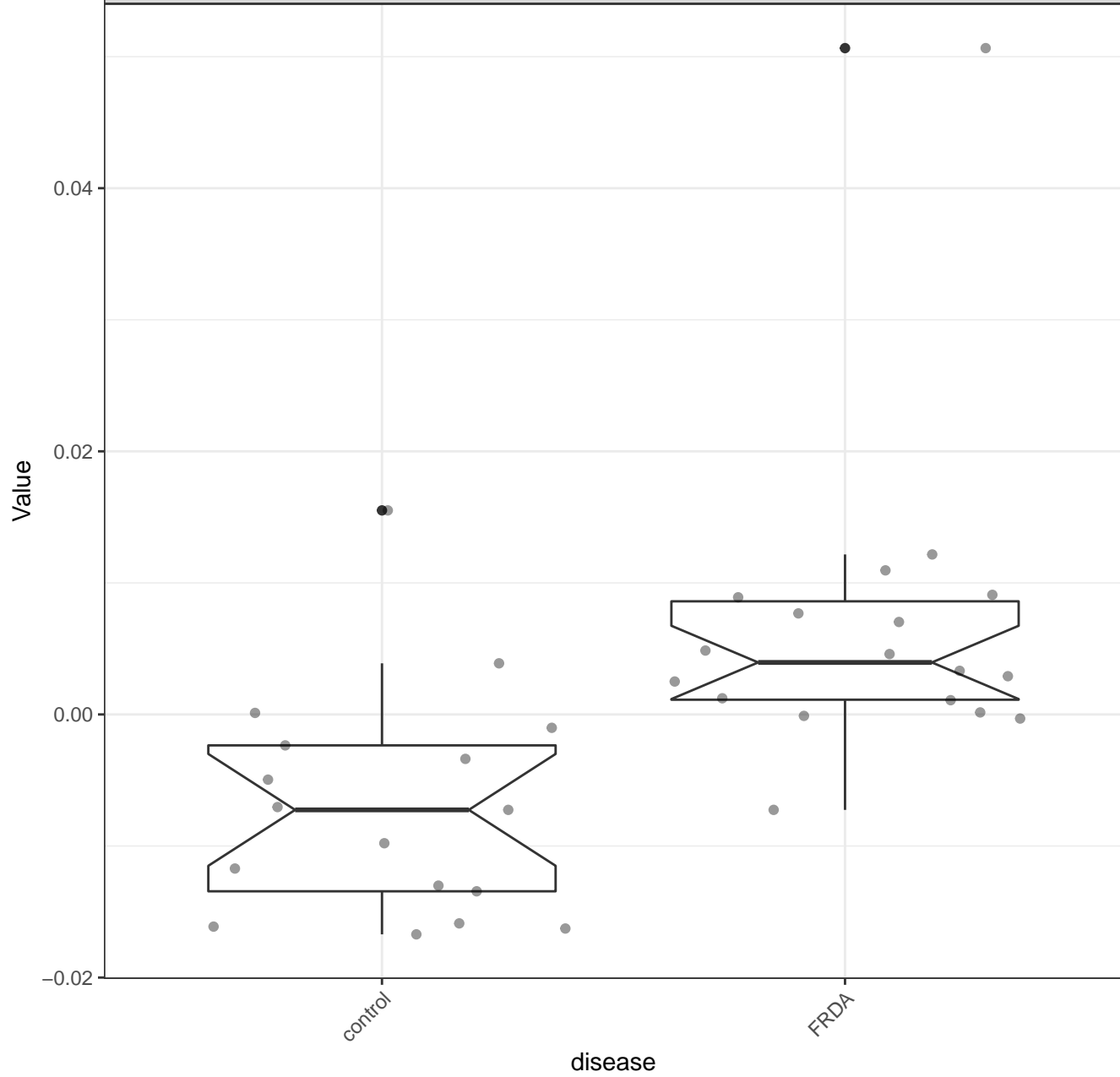
FRDA

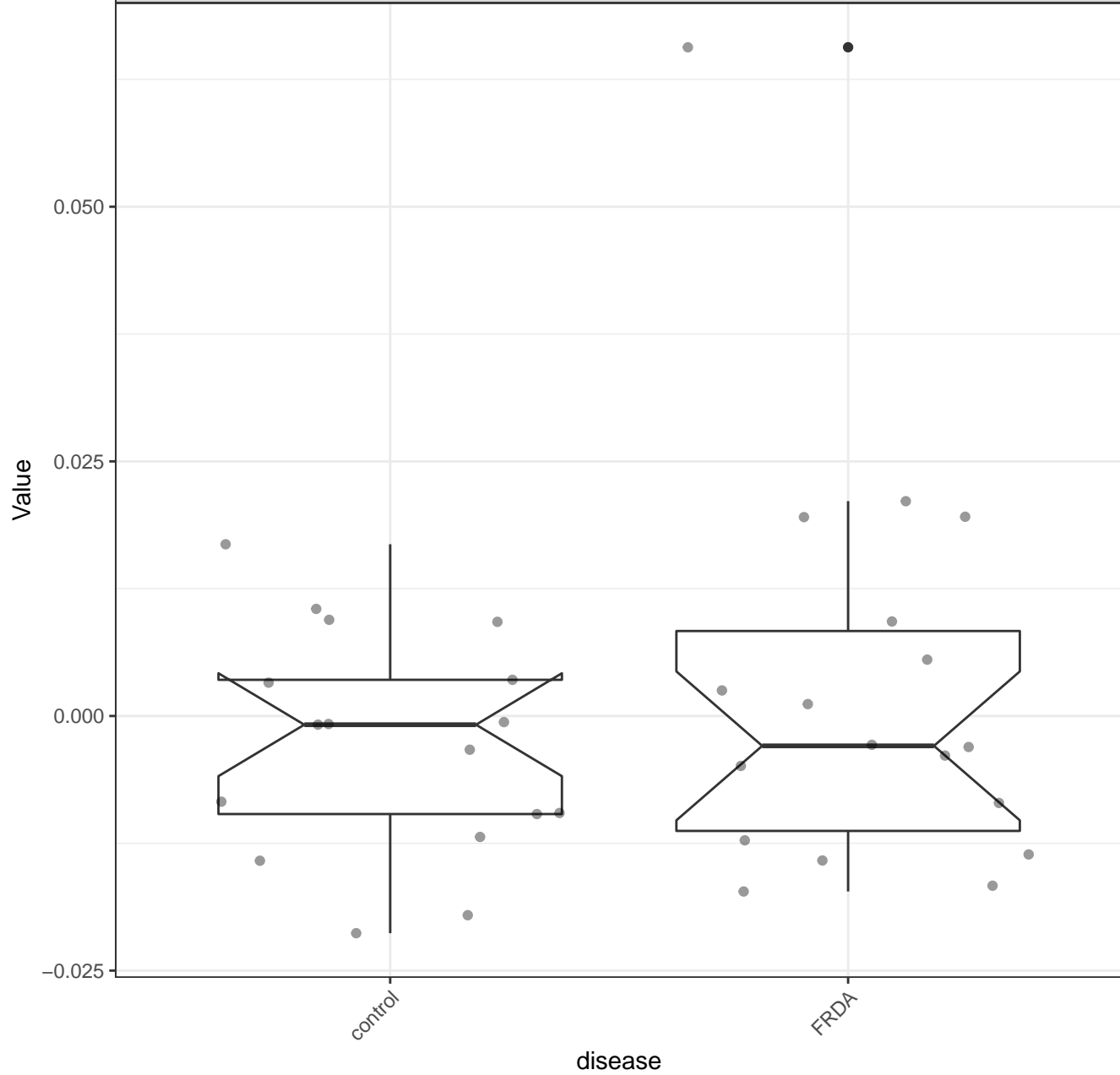
disease

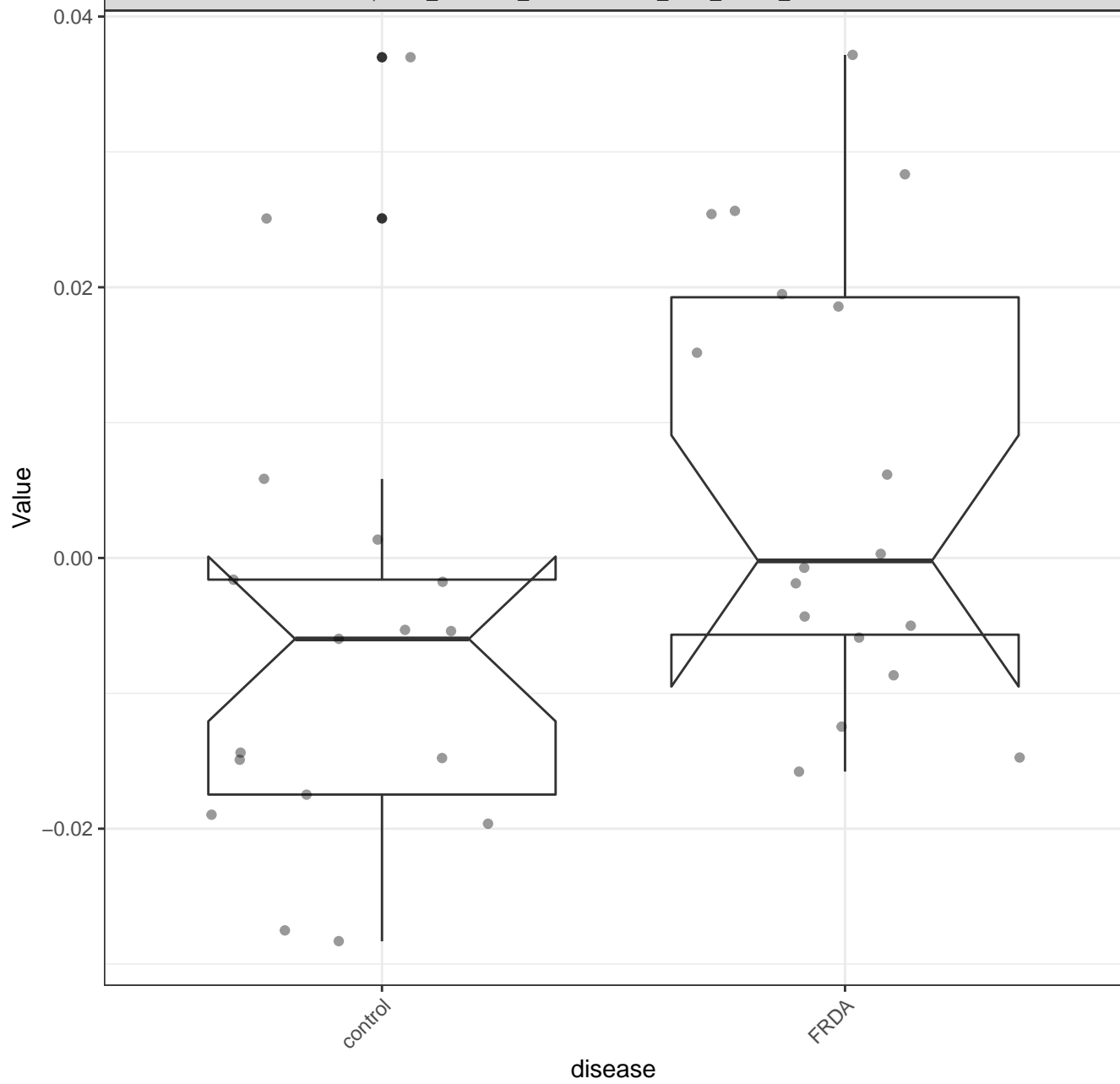


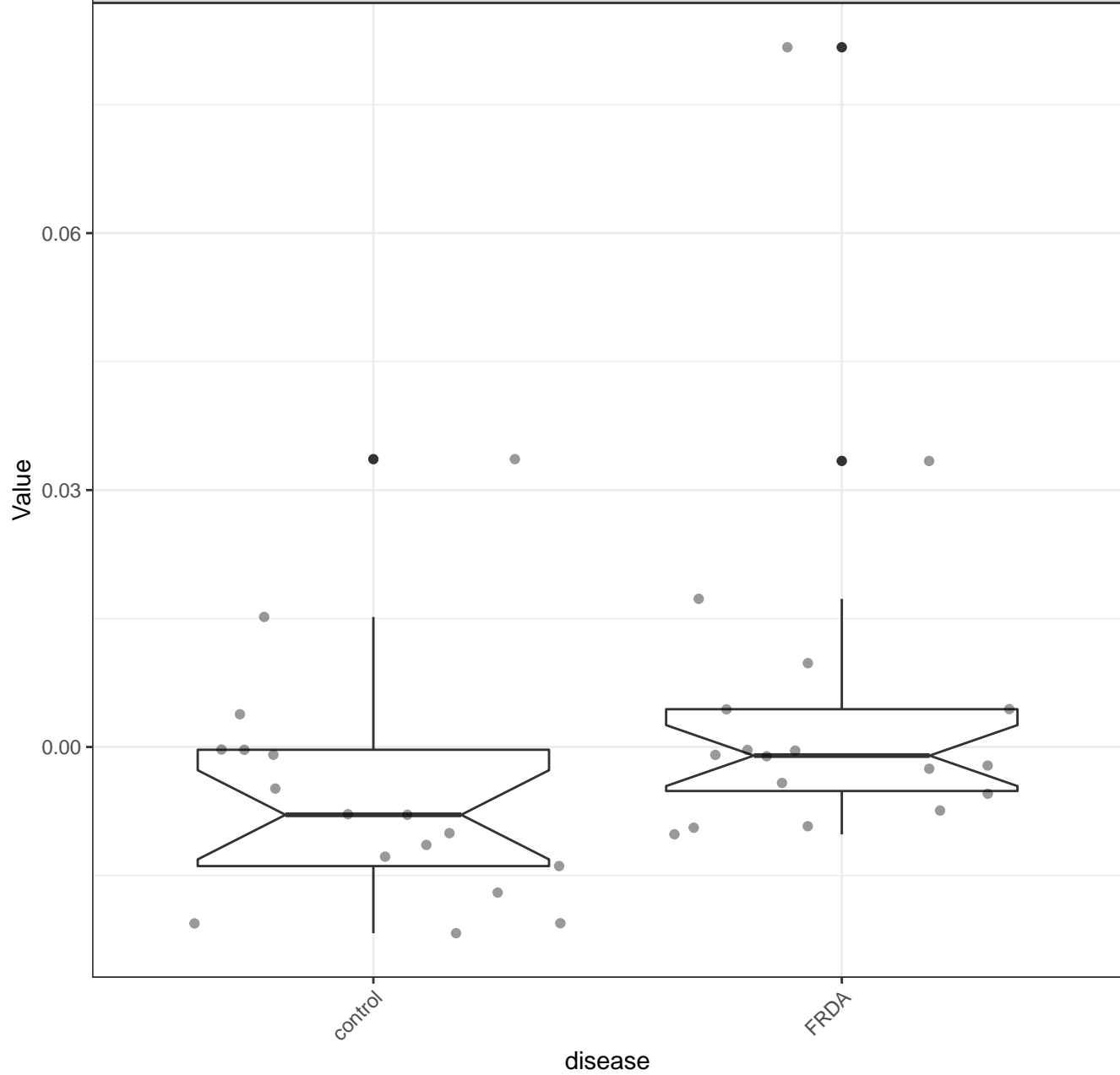


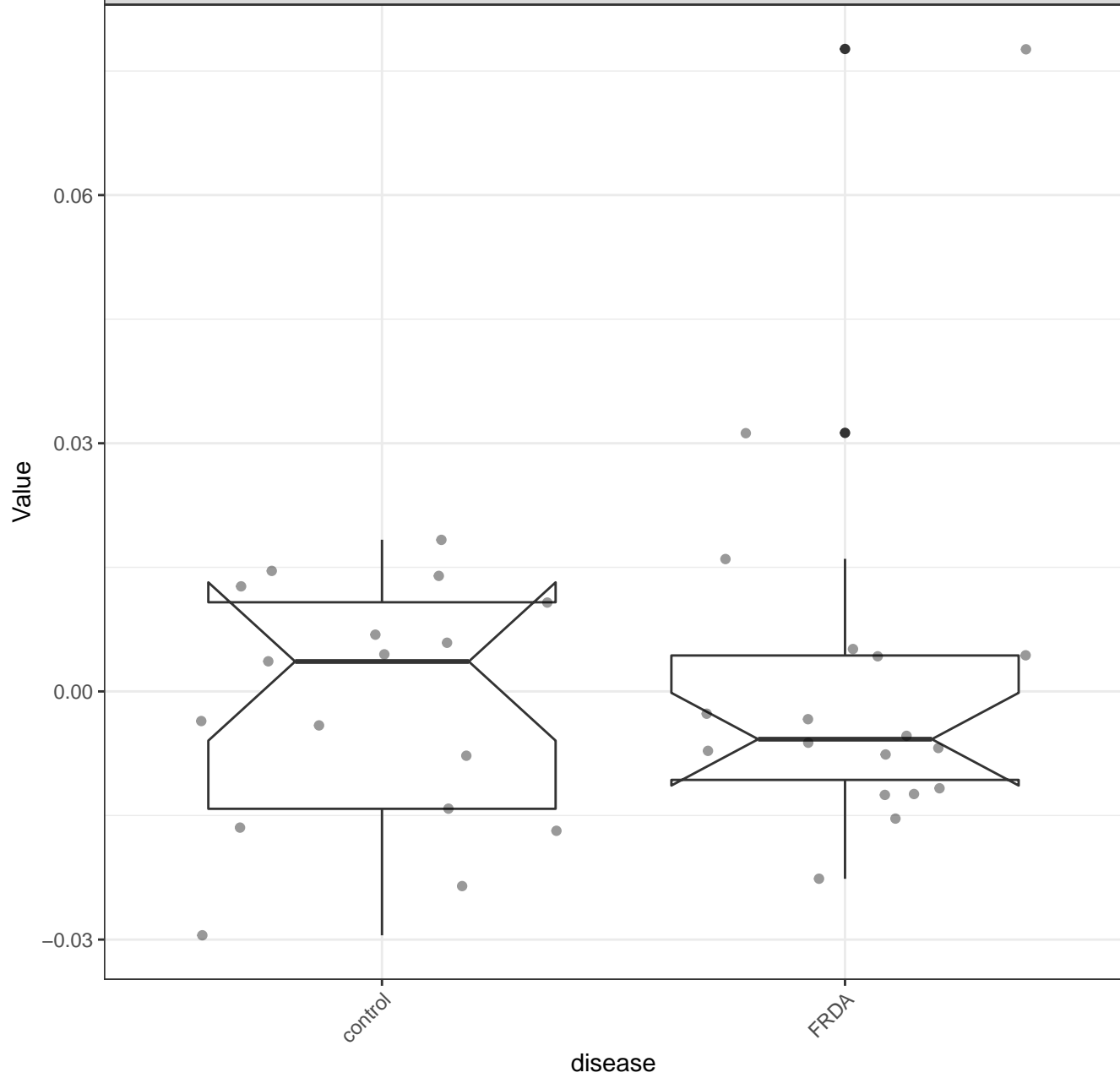








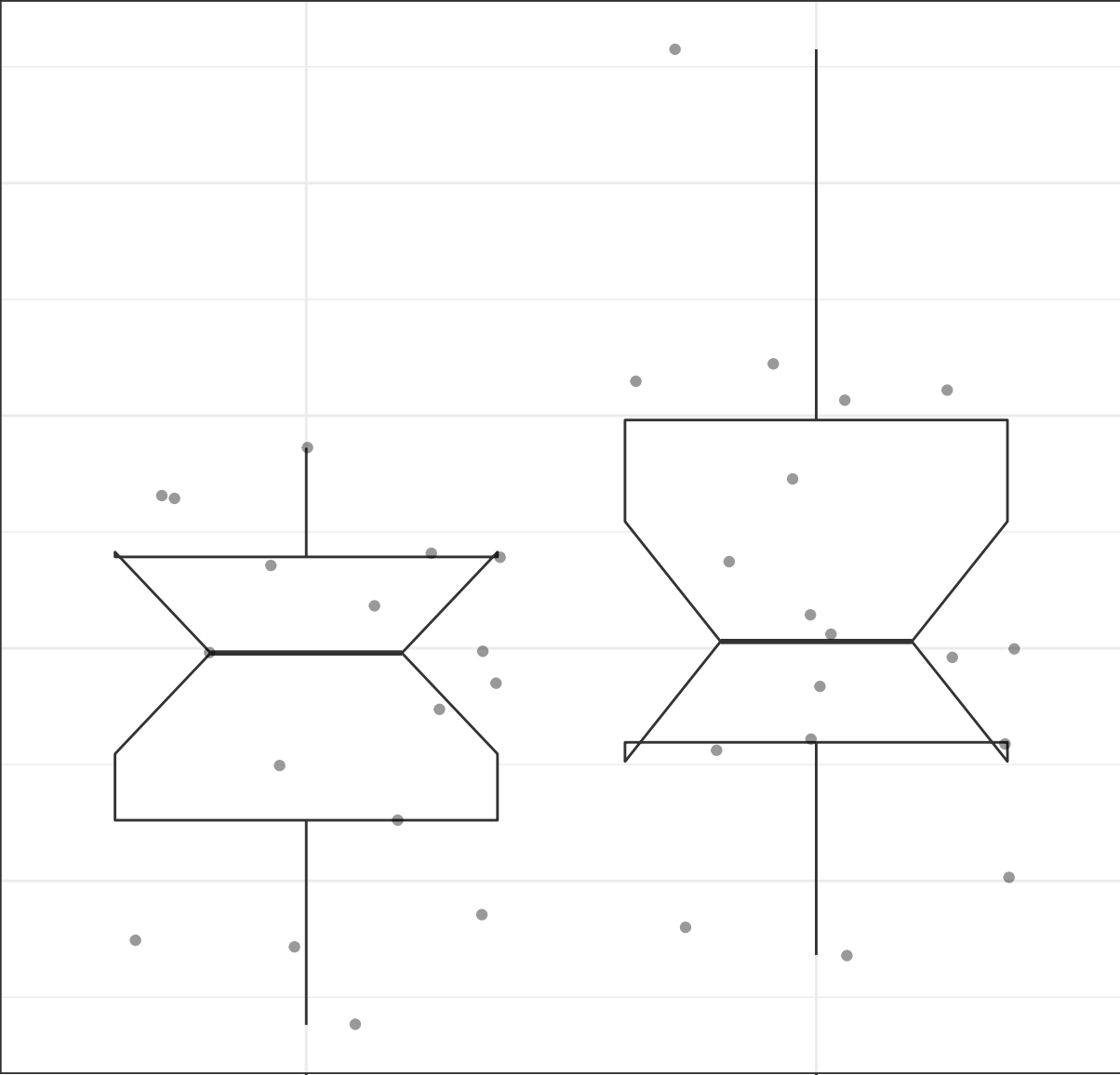


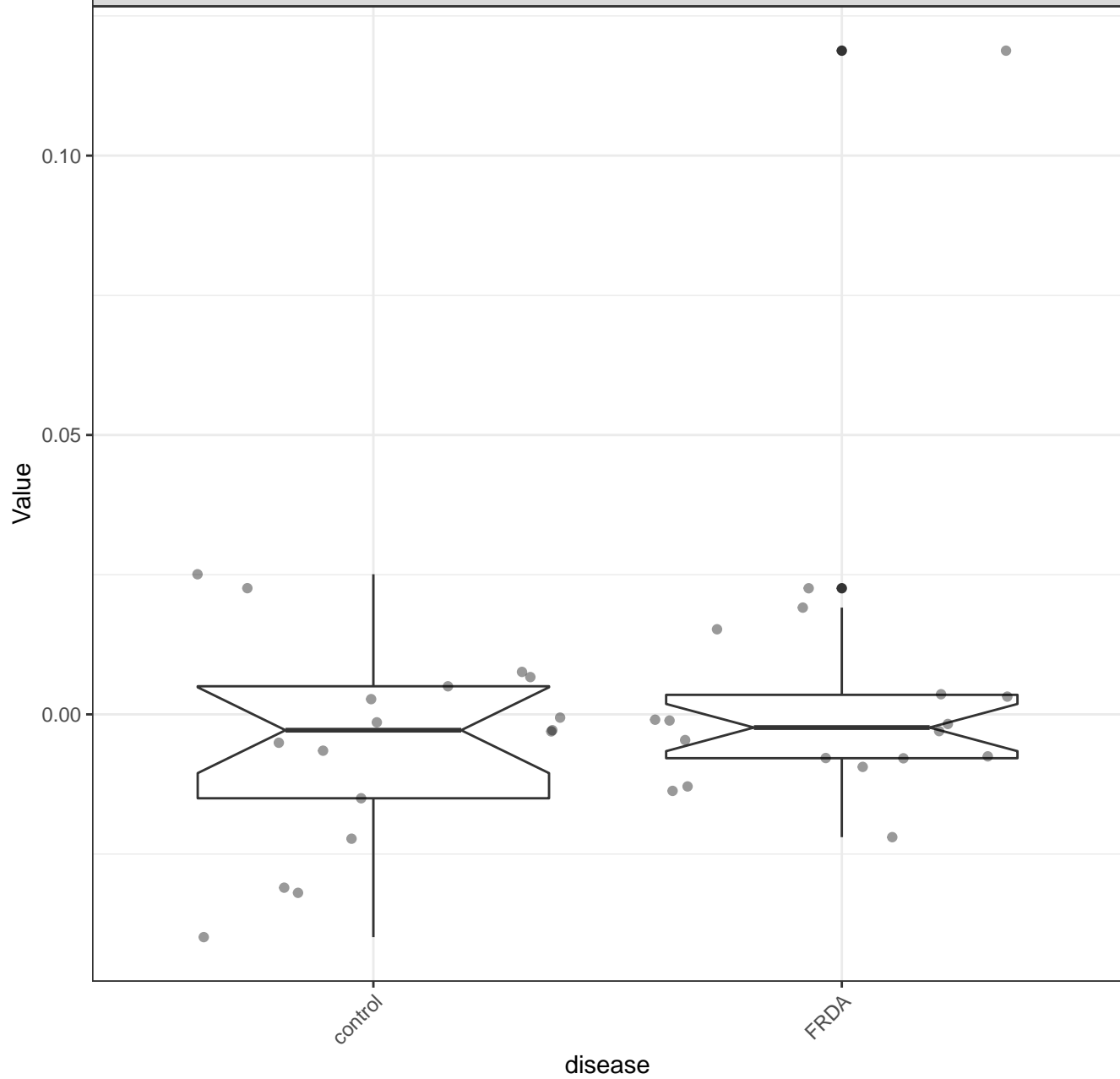












Value

0.050

0.025

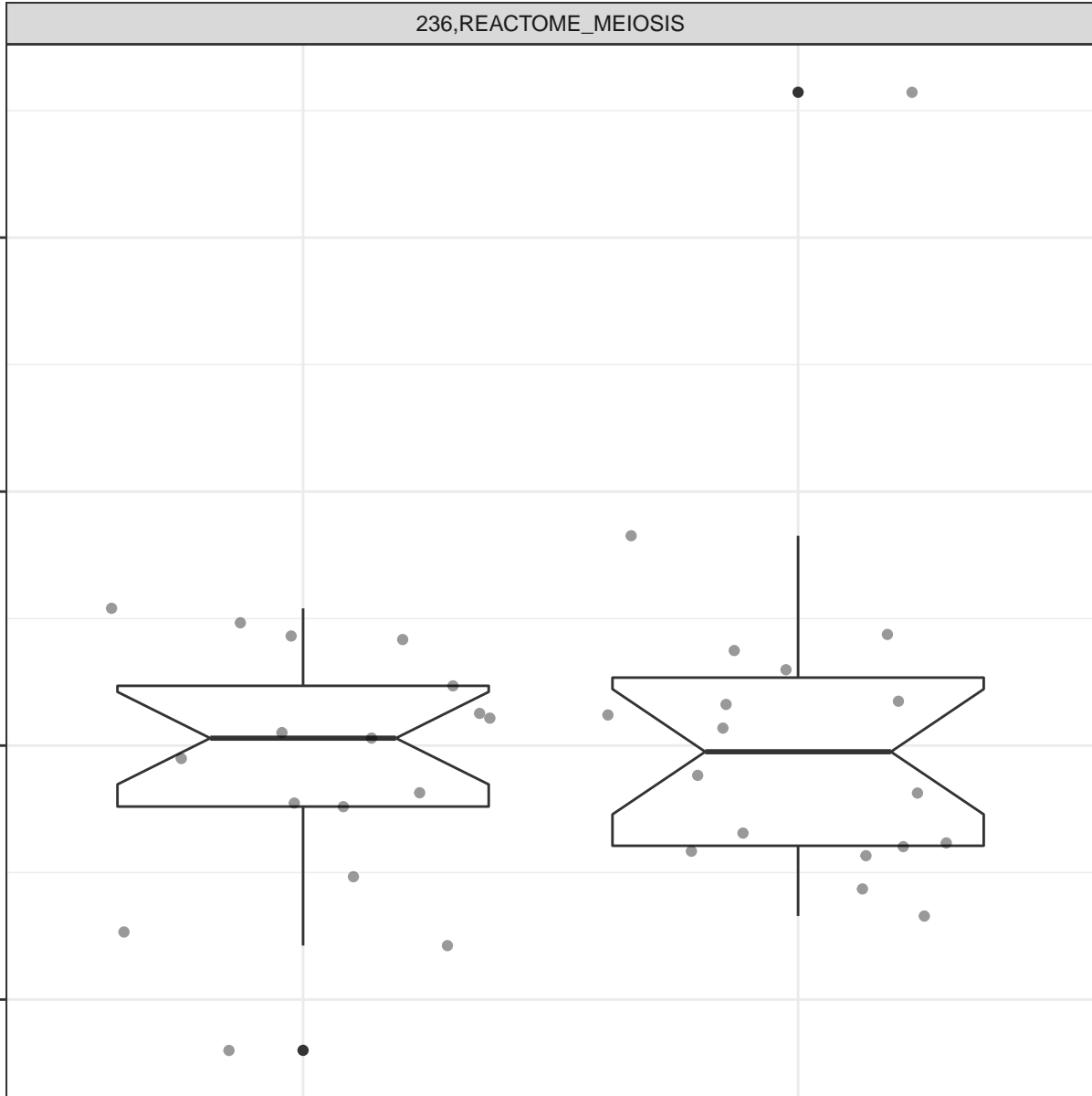
0.000

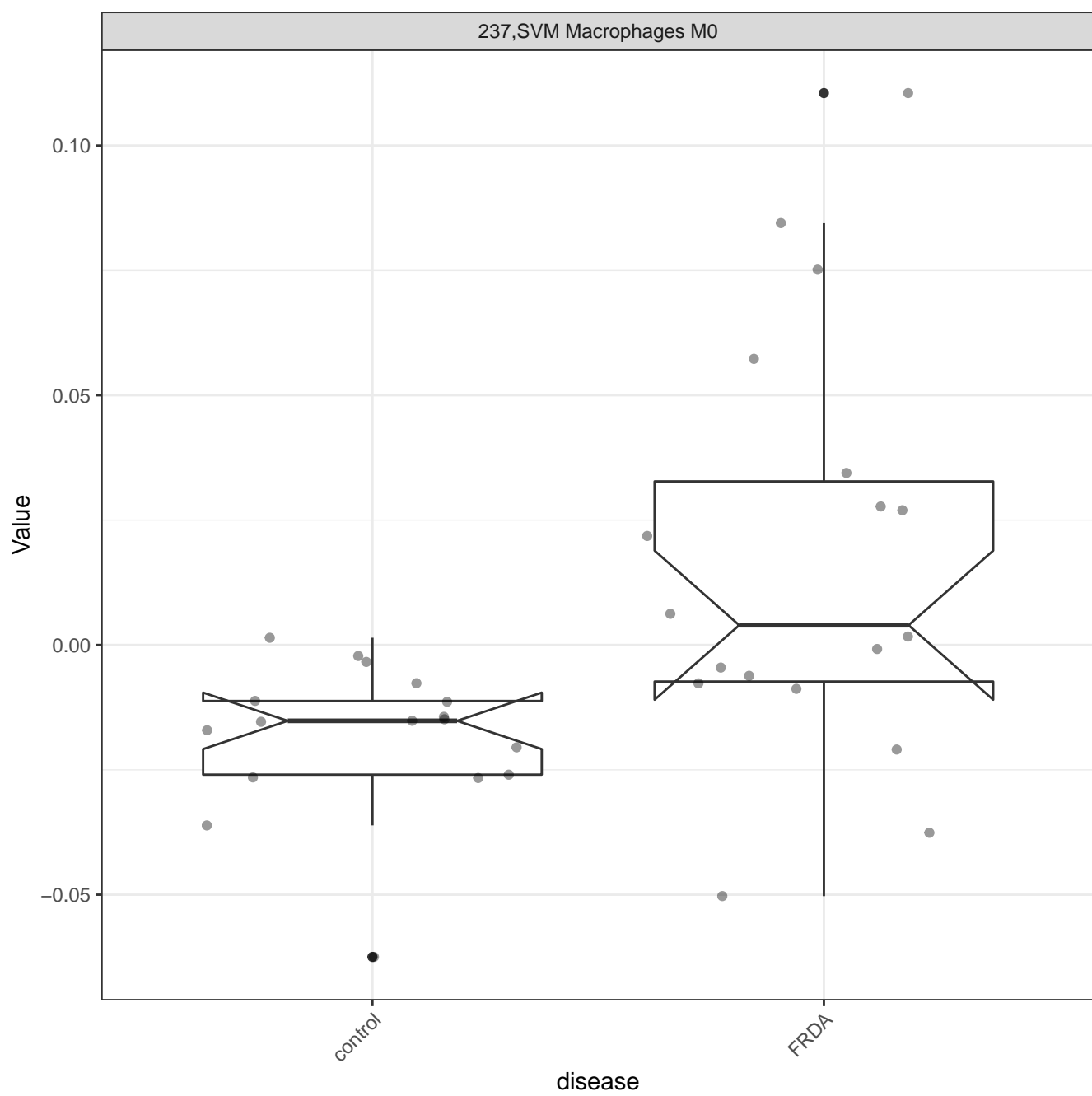
-0.025

control

FRDA

disease





control

FRDA

disease

Value

0.05

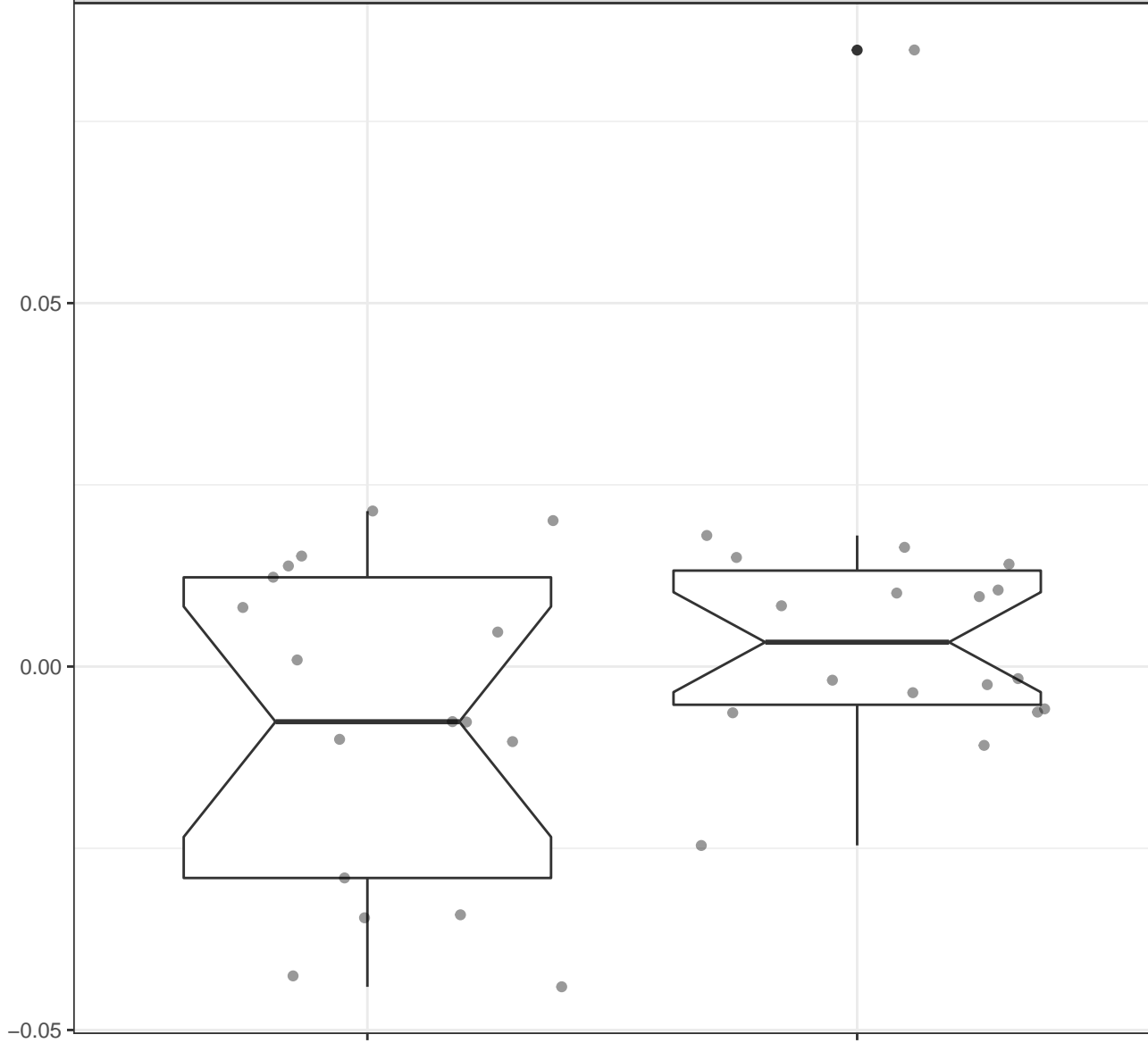
0.00

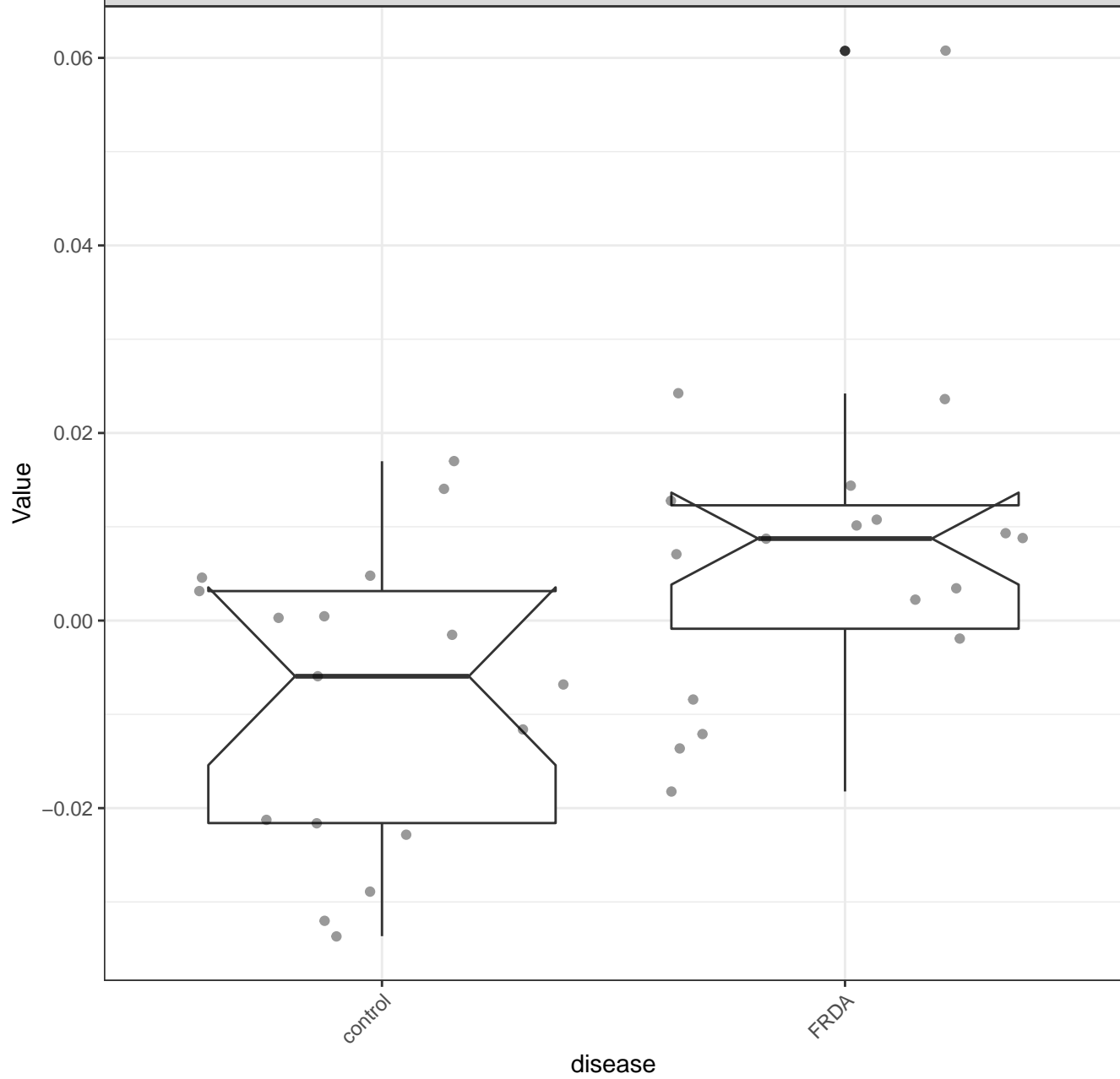
-0.05

control

disease

FRDA







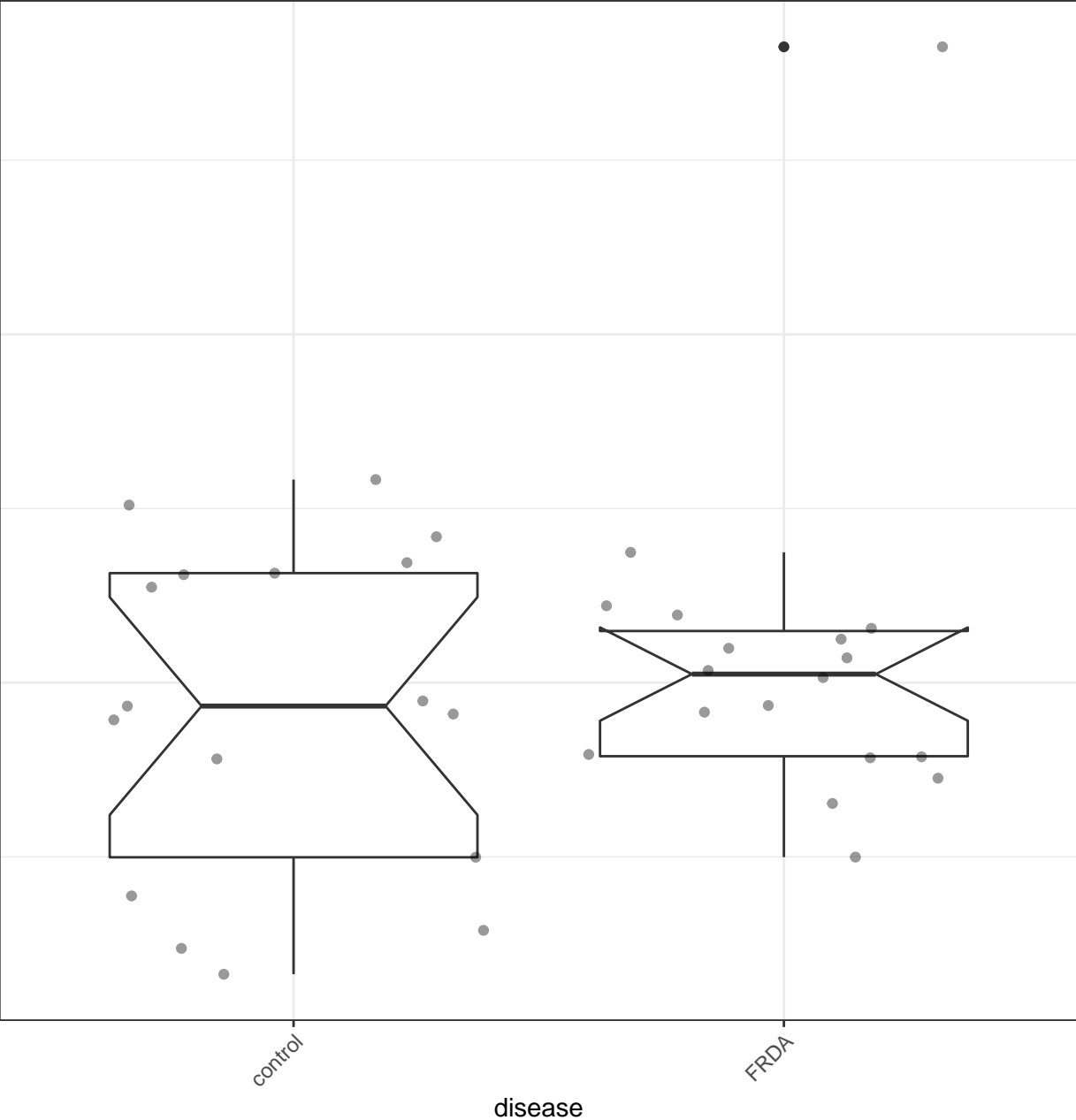
241,KEGG_GLIOMA
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control

FRDA

disease



Value

0.050

0.025

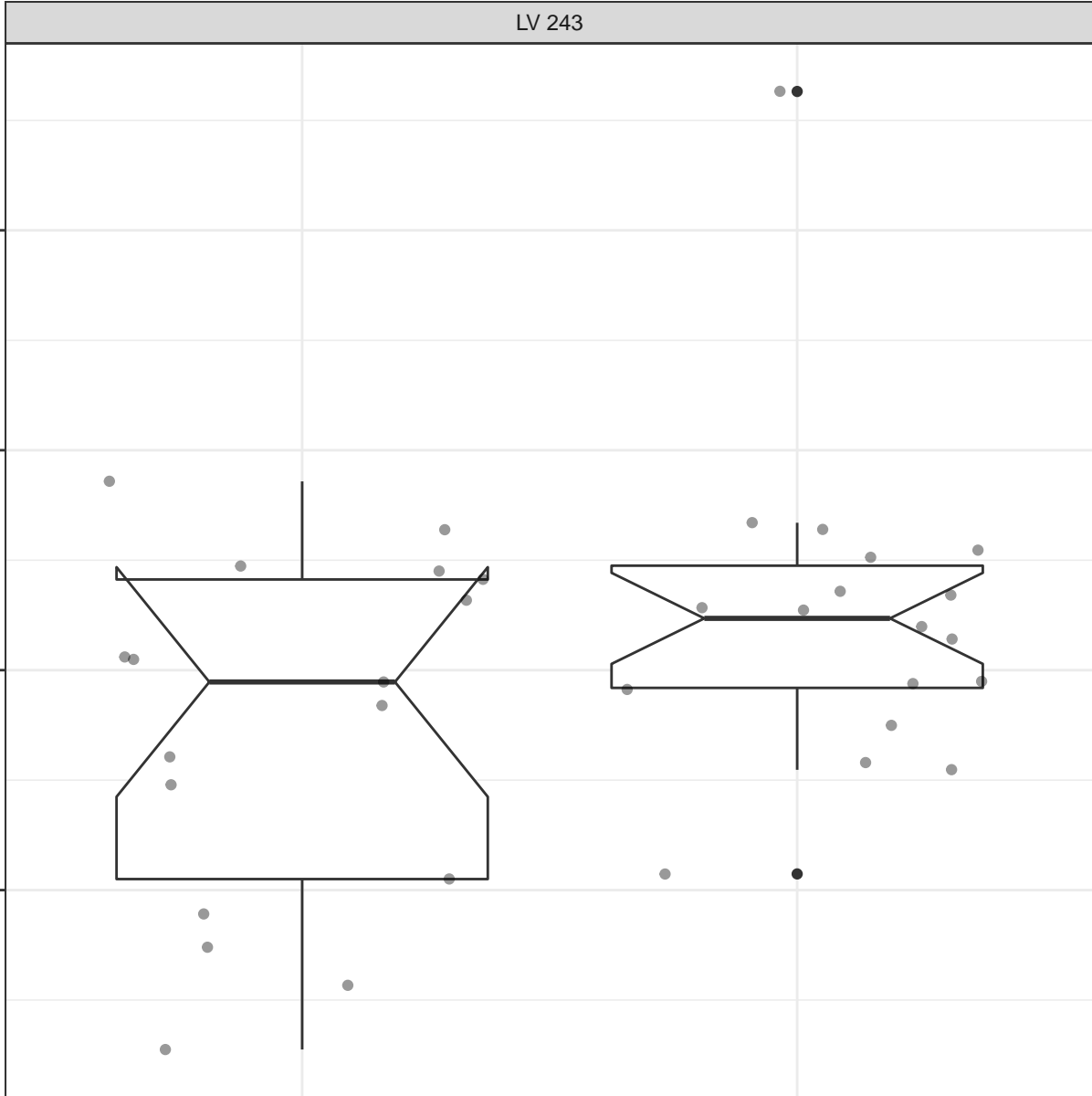
0.000

-0.025

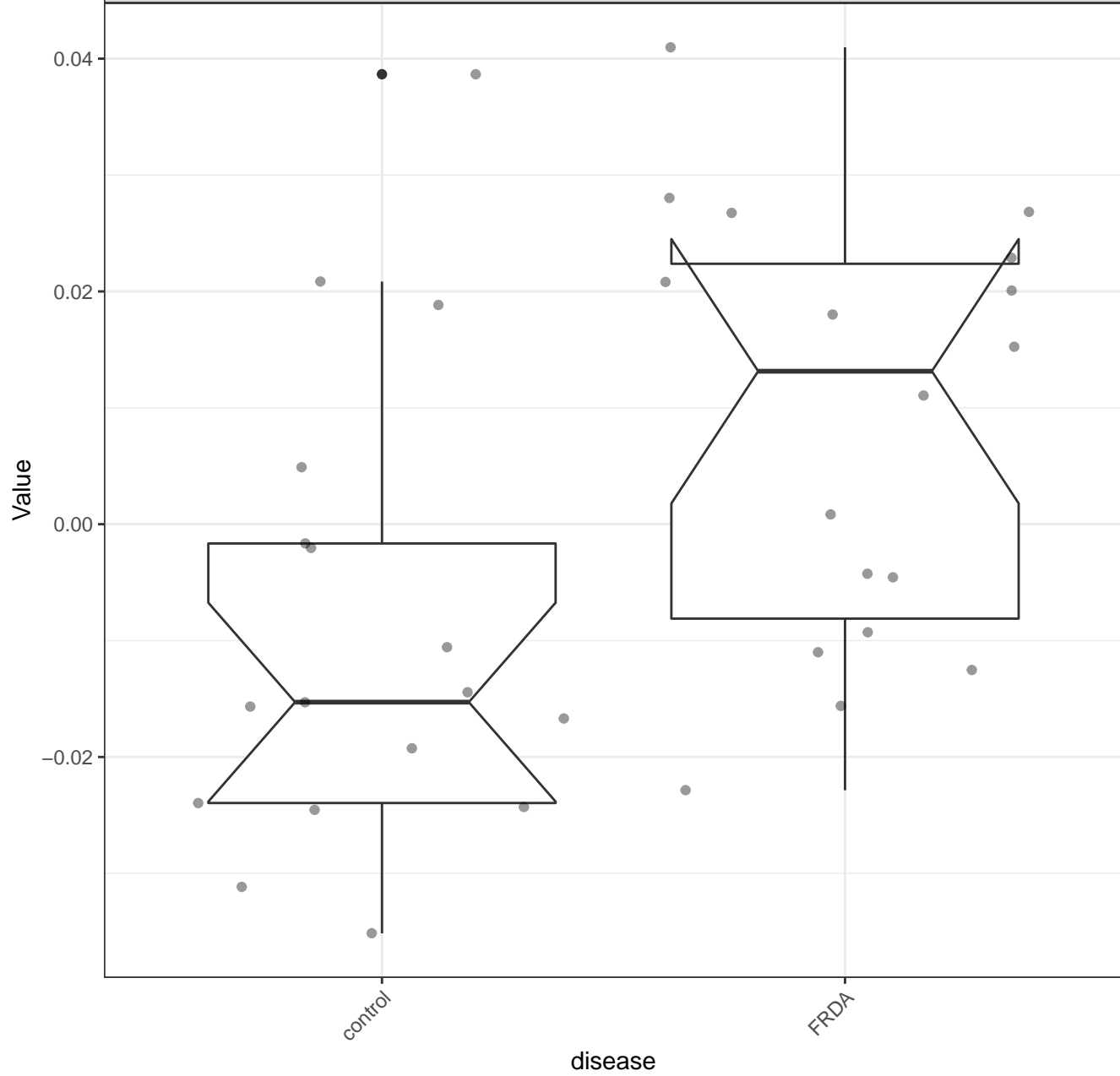
control

FRDA

disease







Value

0.02

0.00

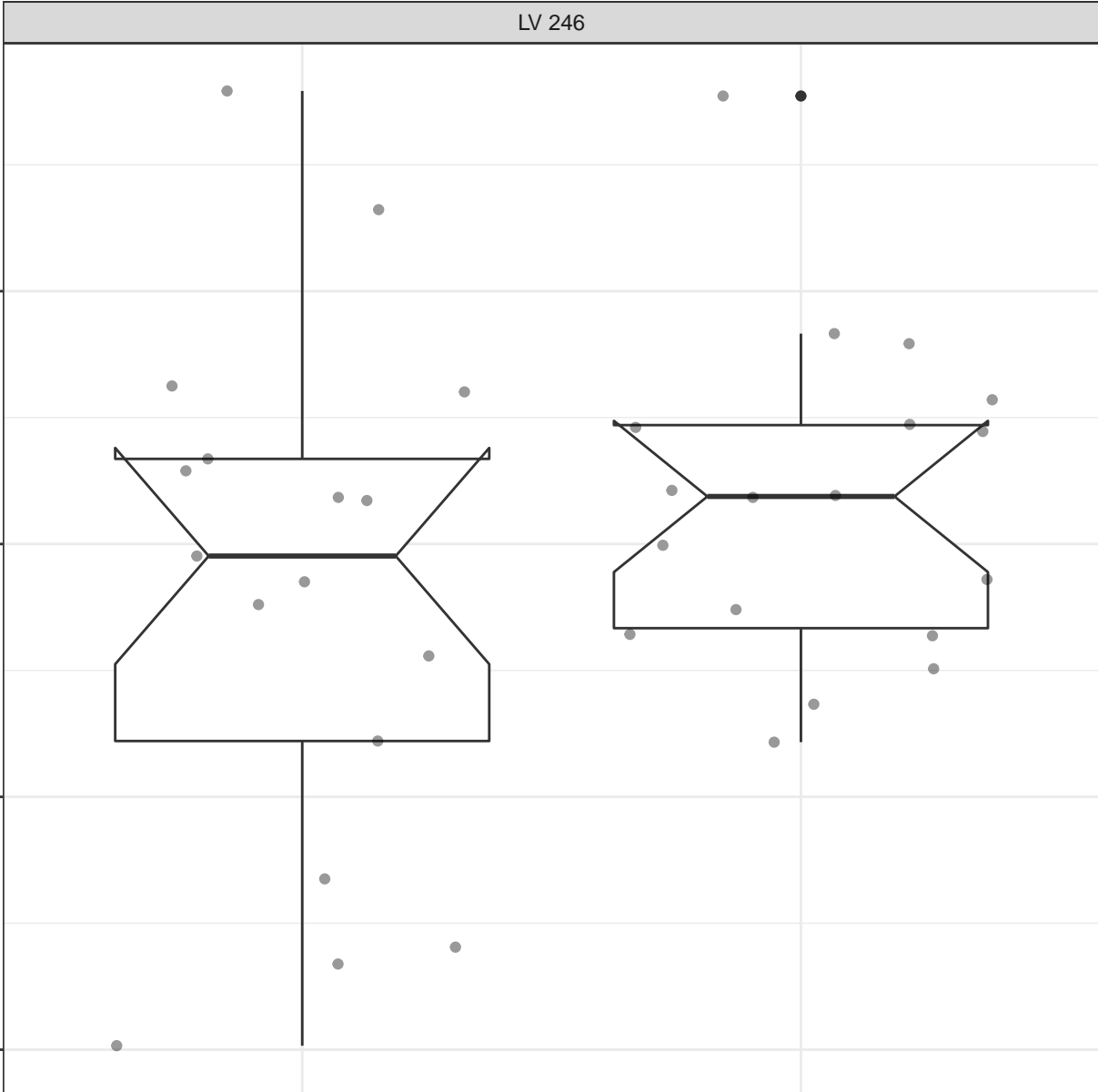
-0.02

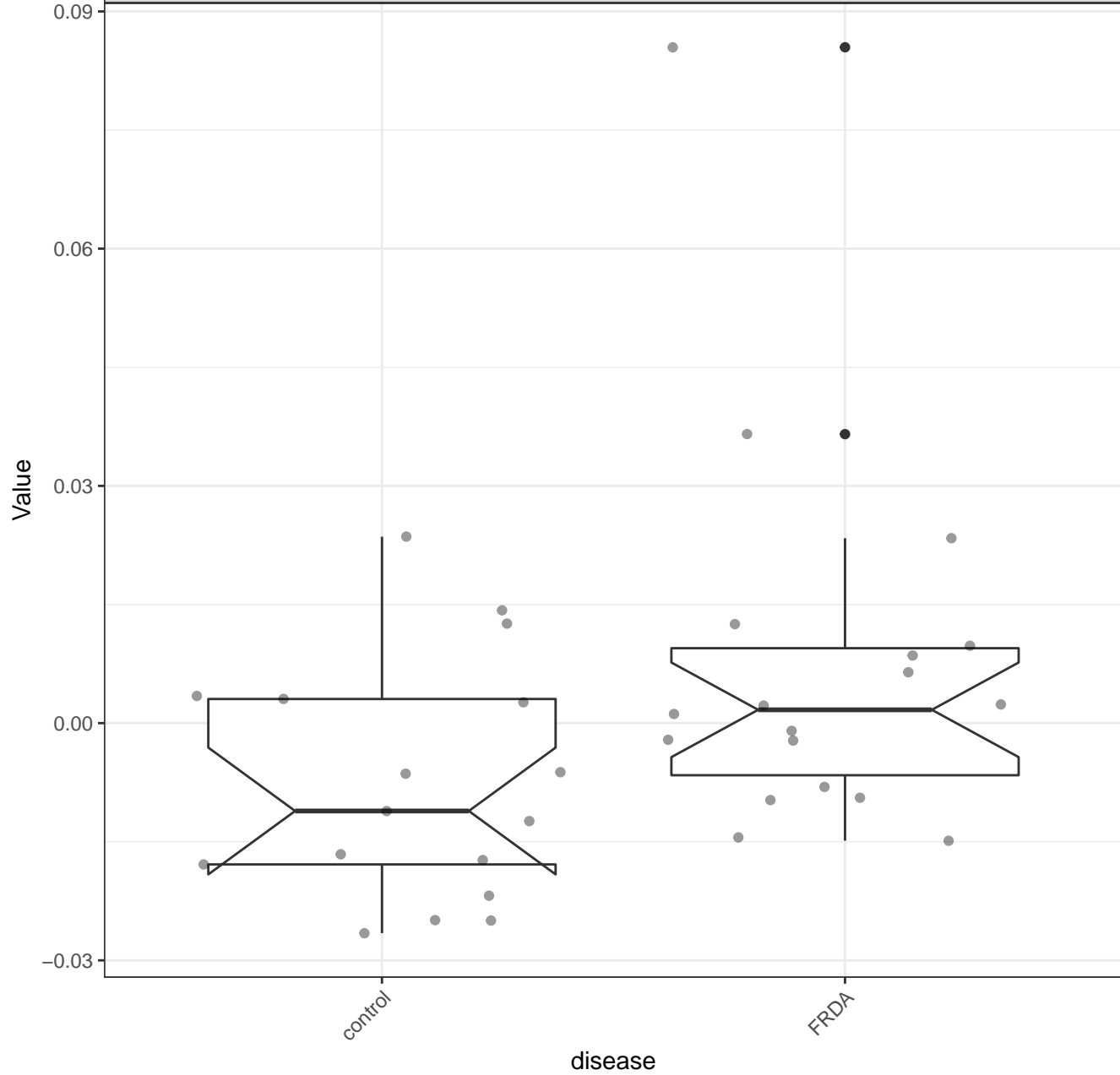
-0.04

control

FRDA

disease





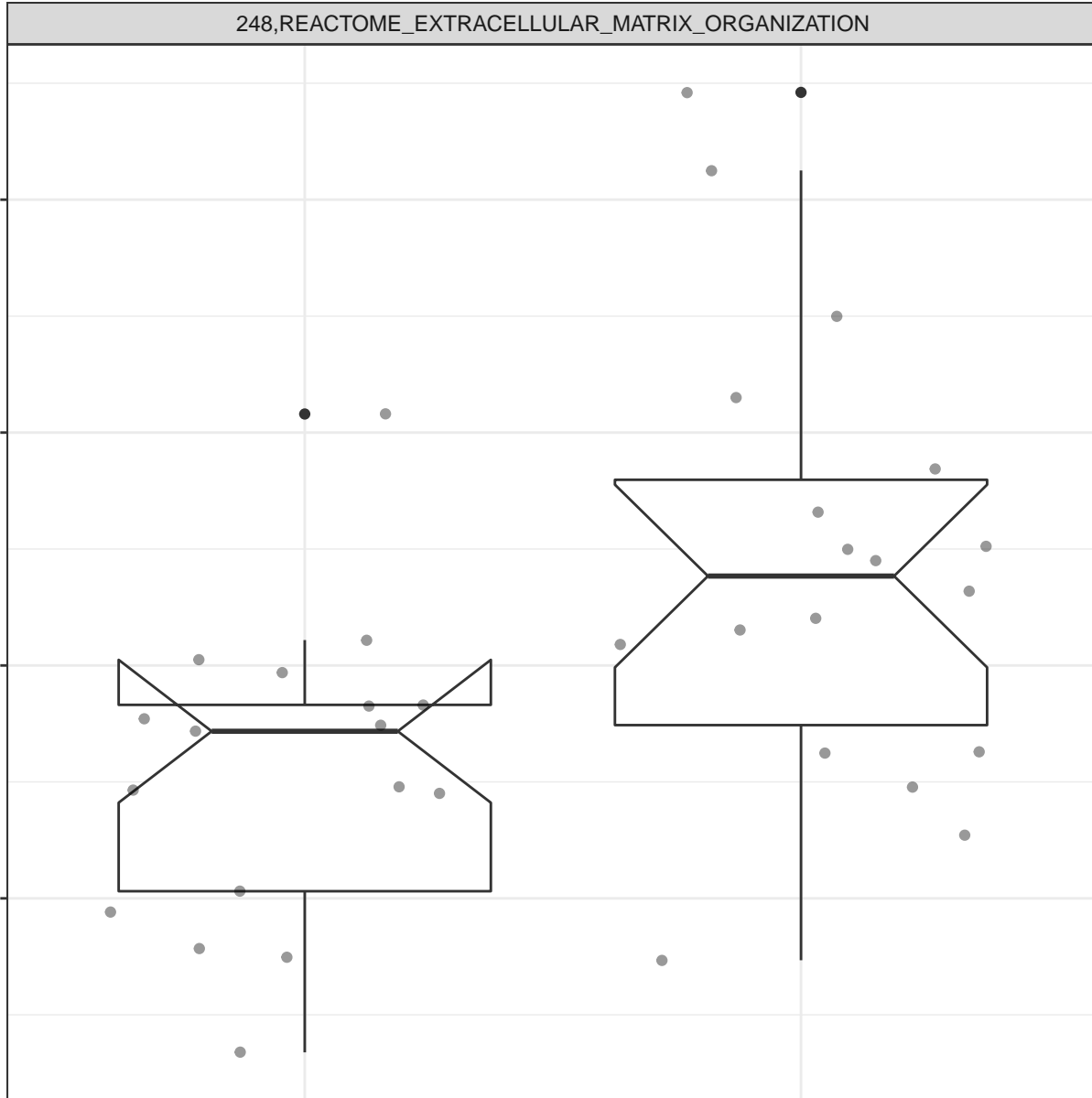
Value

0.050  
0.025  
0.000  
-0.025

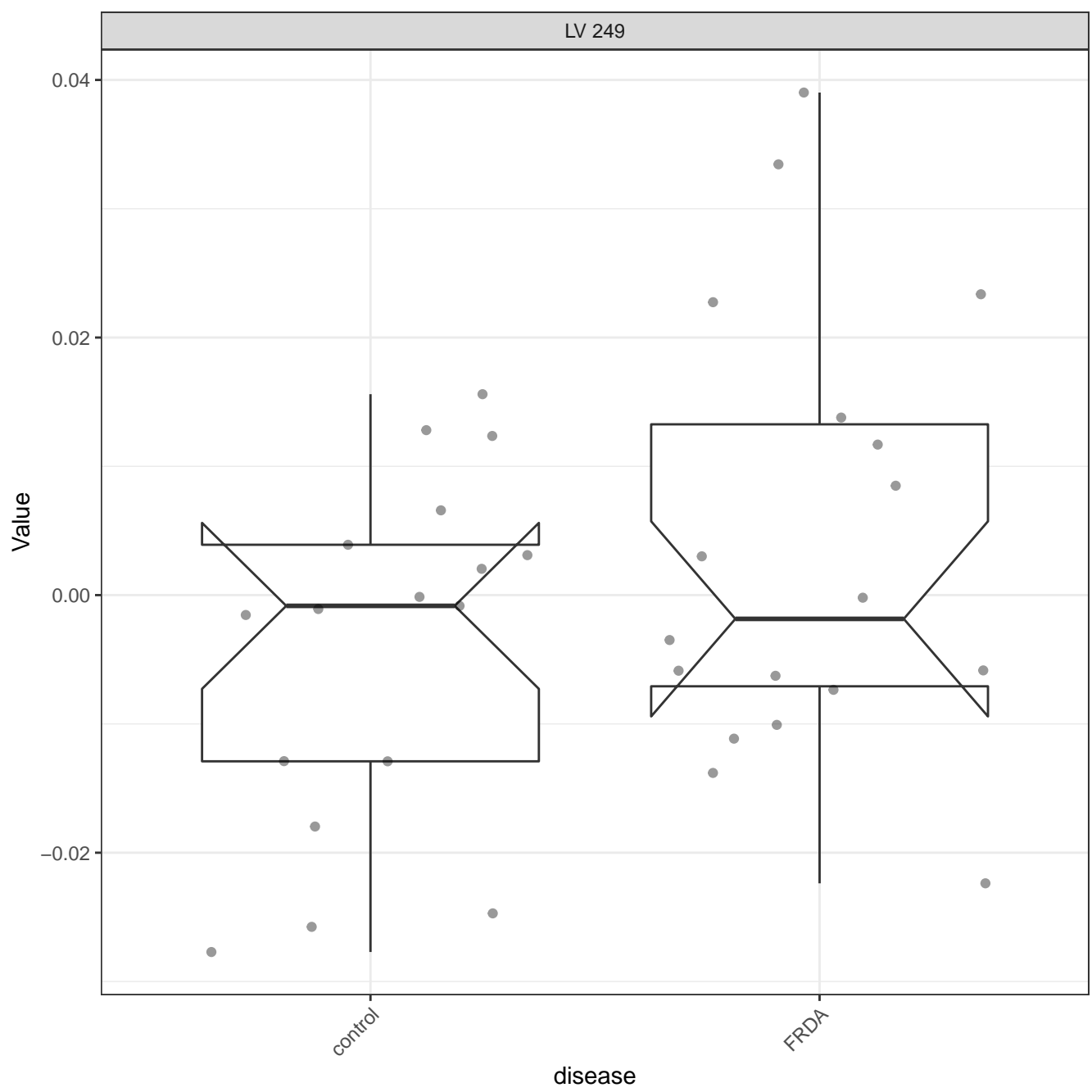
control

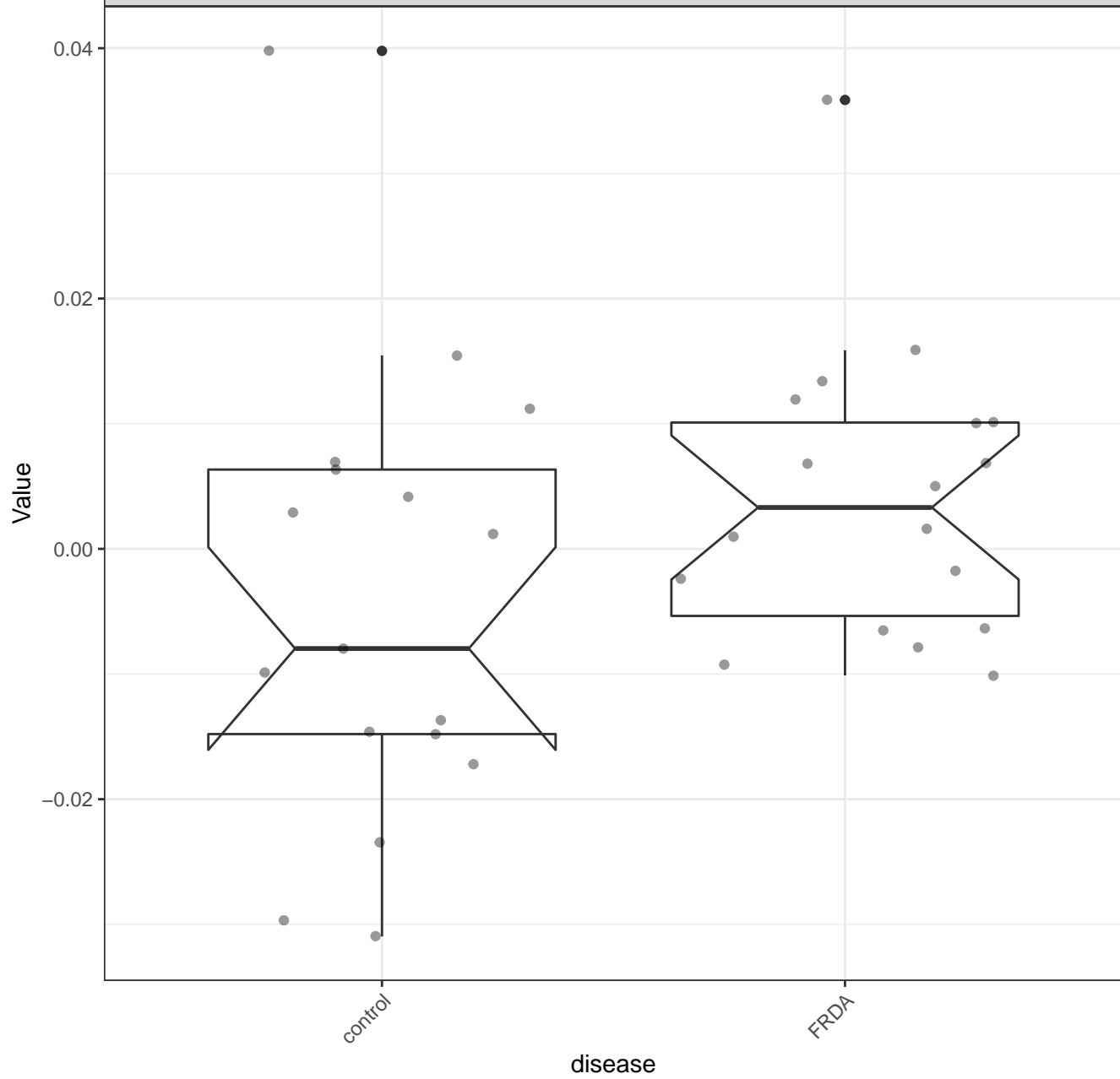
disease

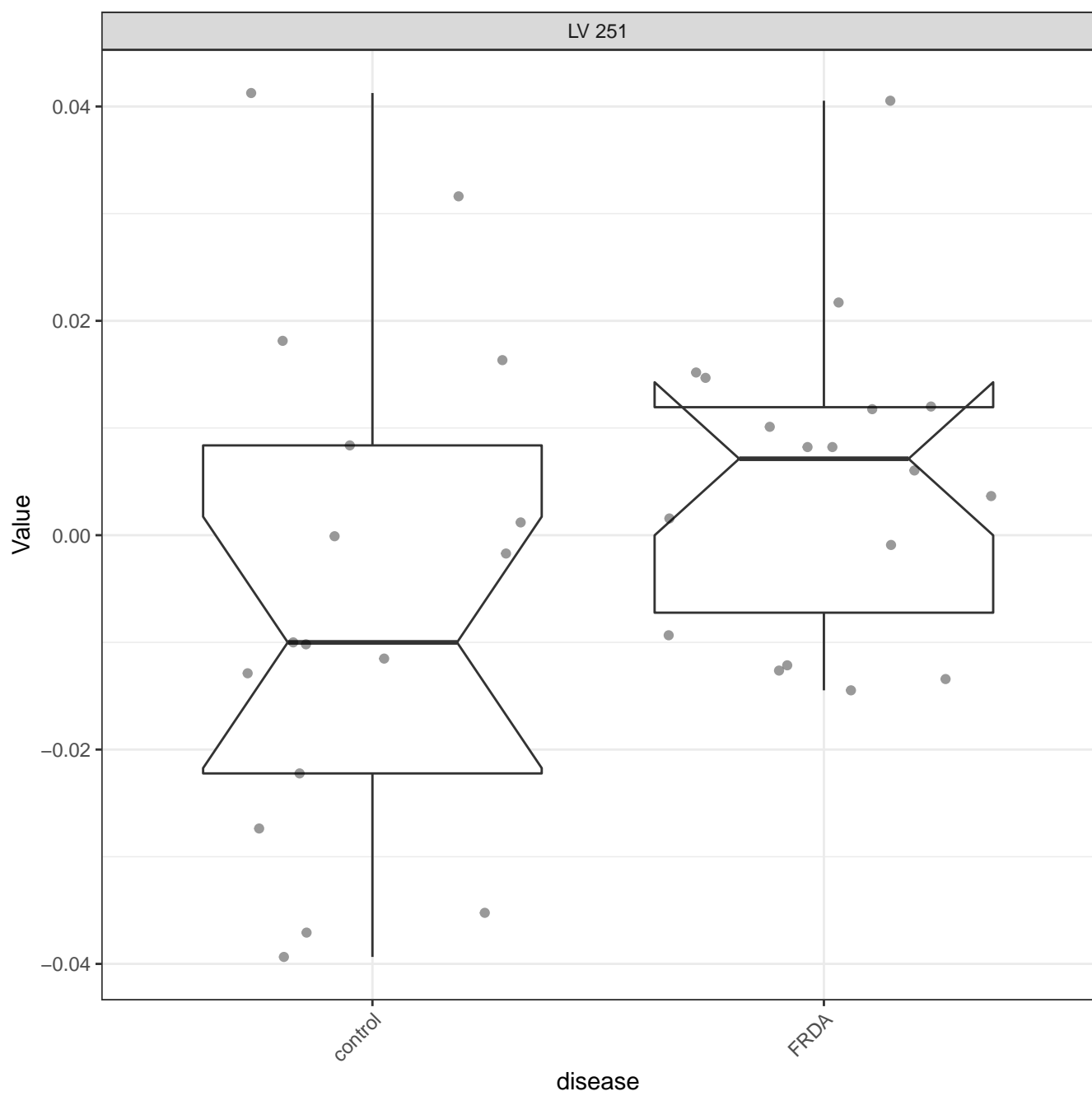
FRDA

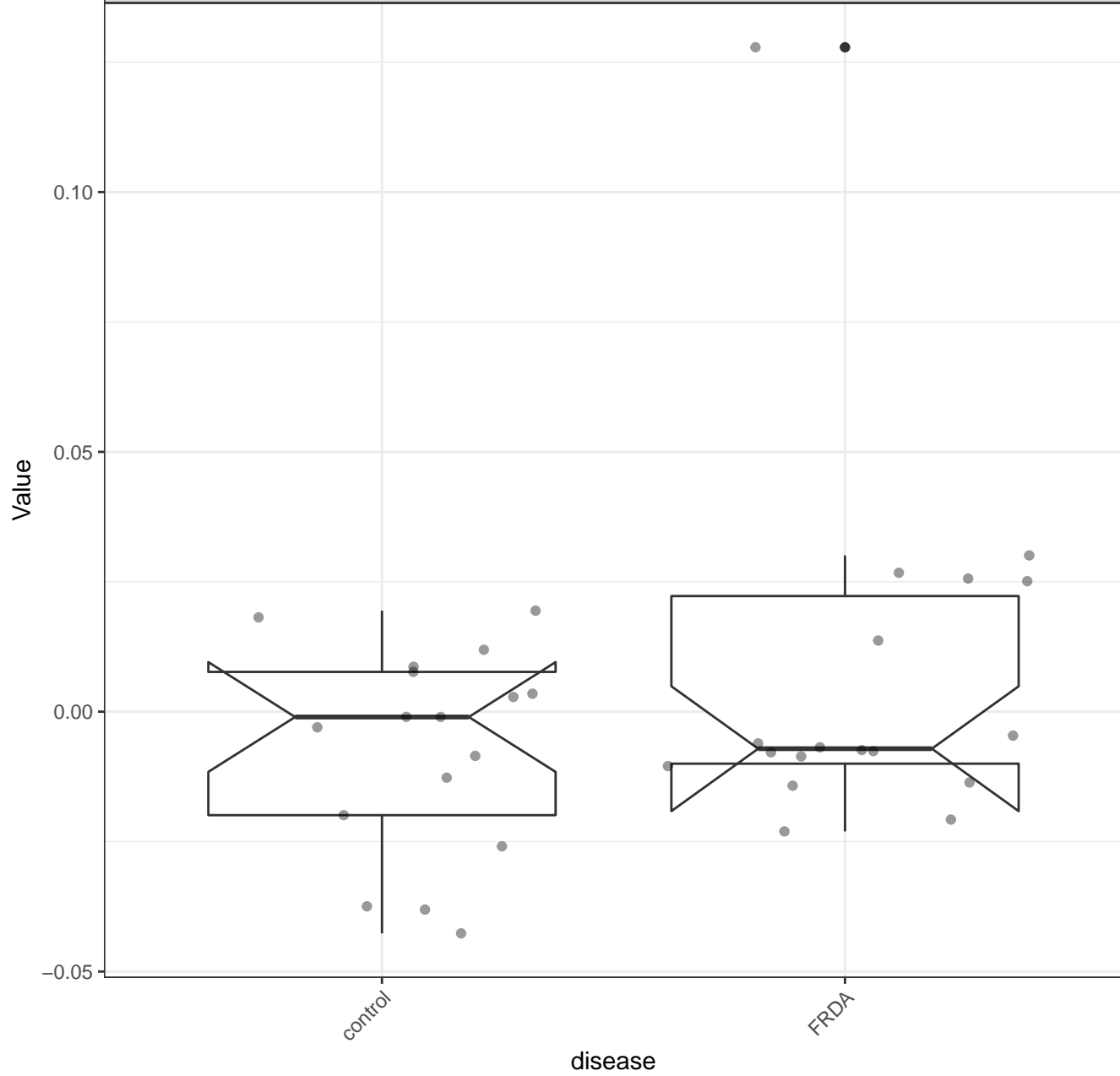












control

FRDA

disease

Value

0.050

0.025

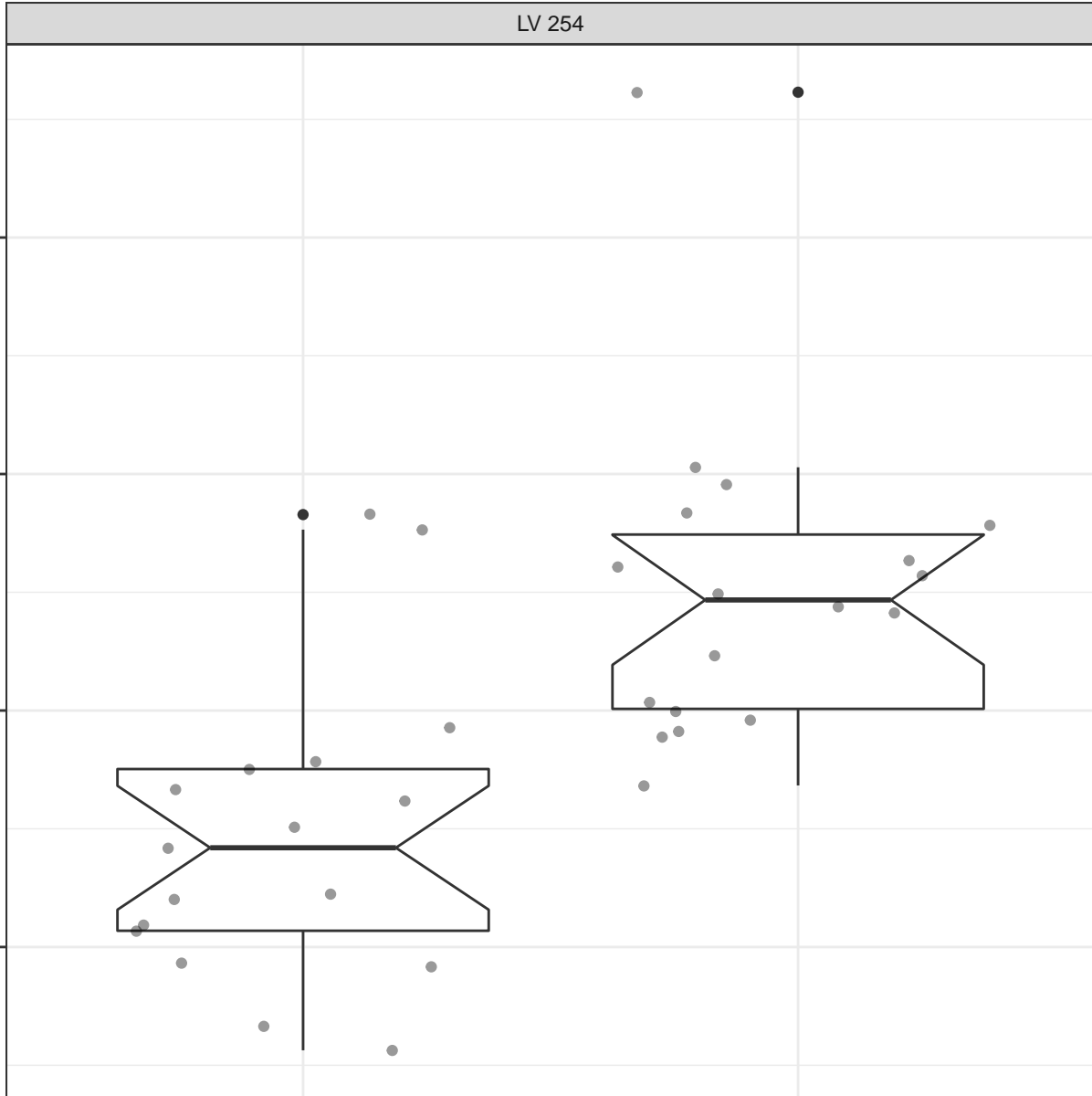
0.000

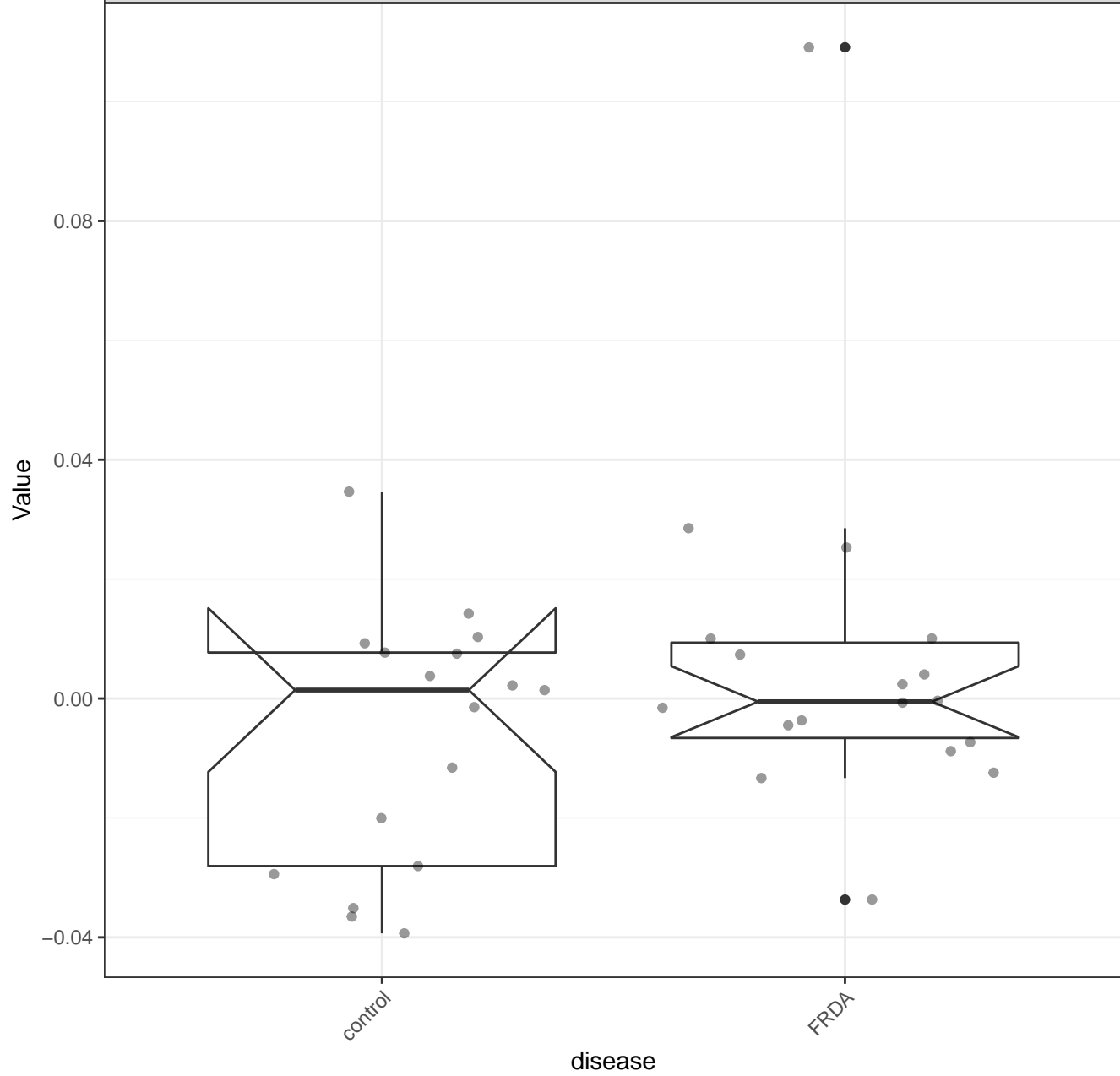
-0.025

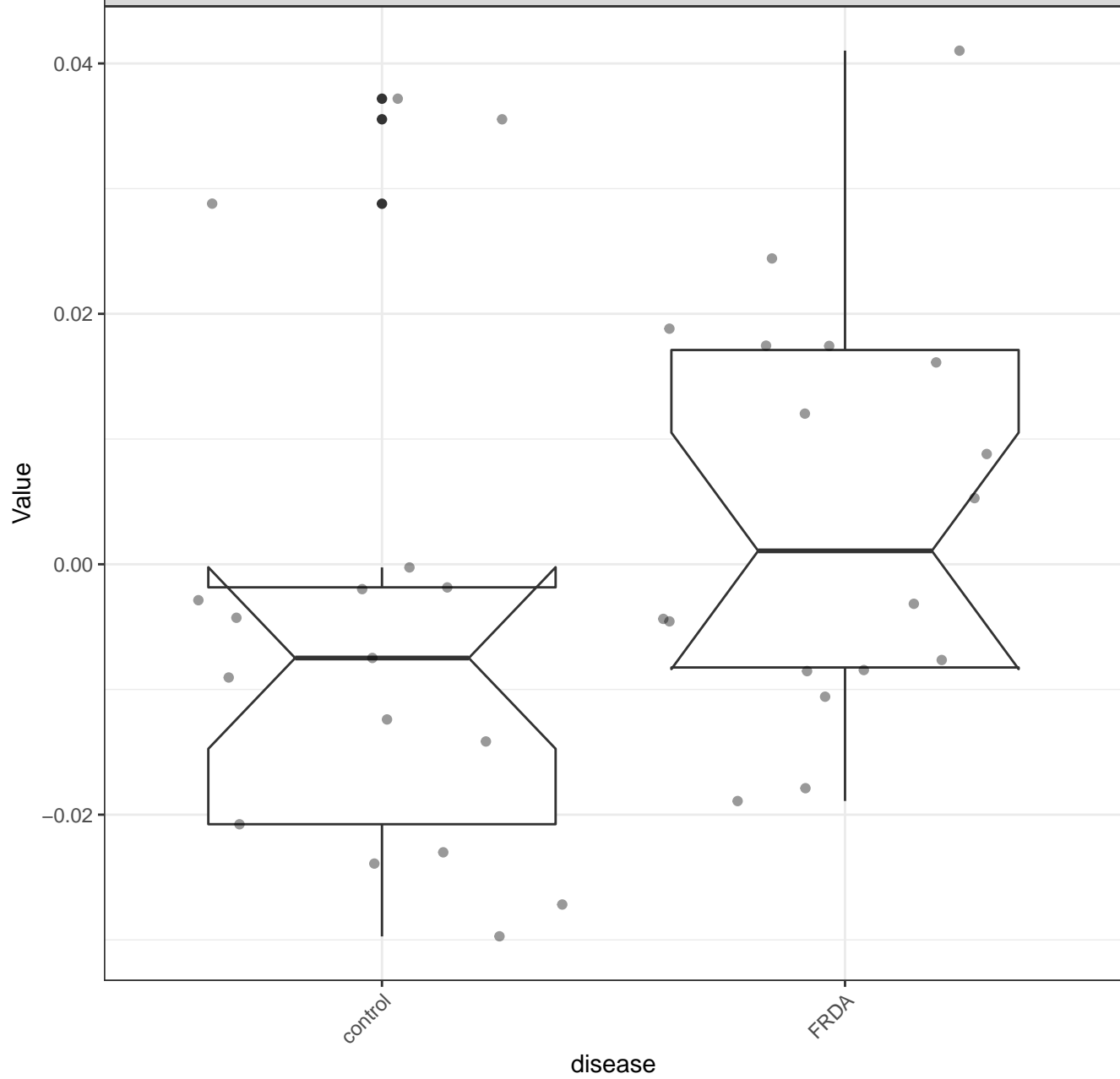
control

FRDA

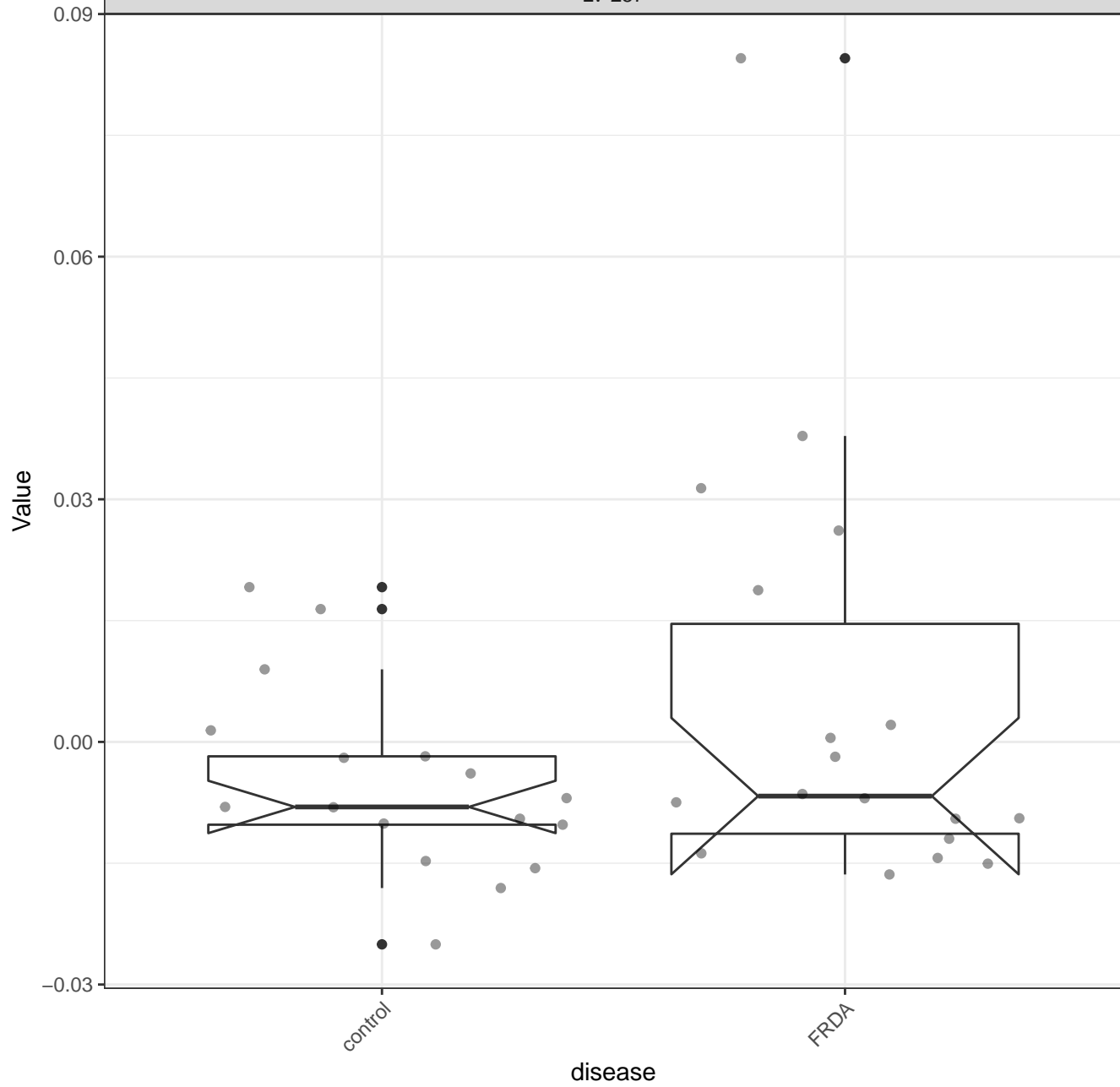
disease











Value

0.05

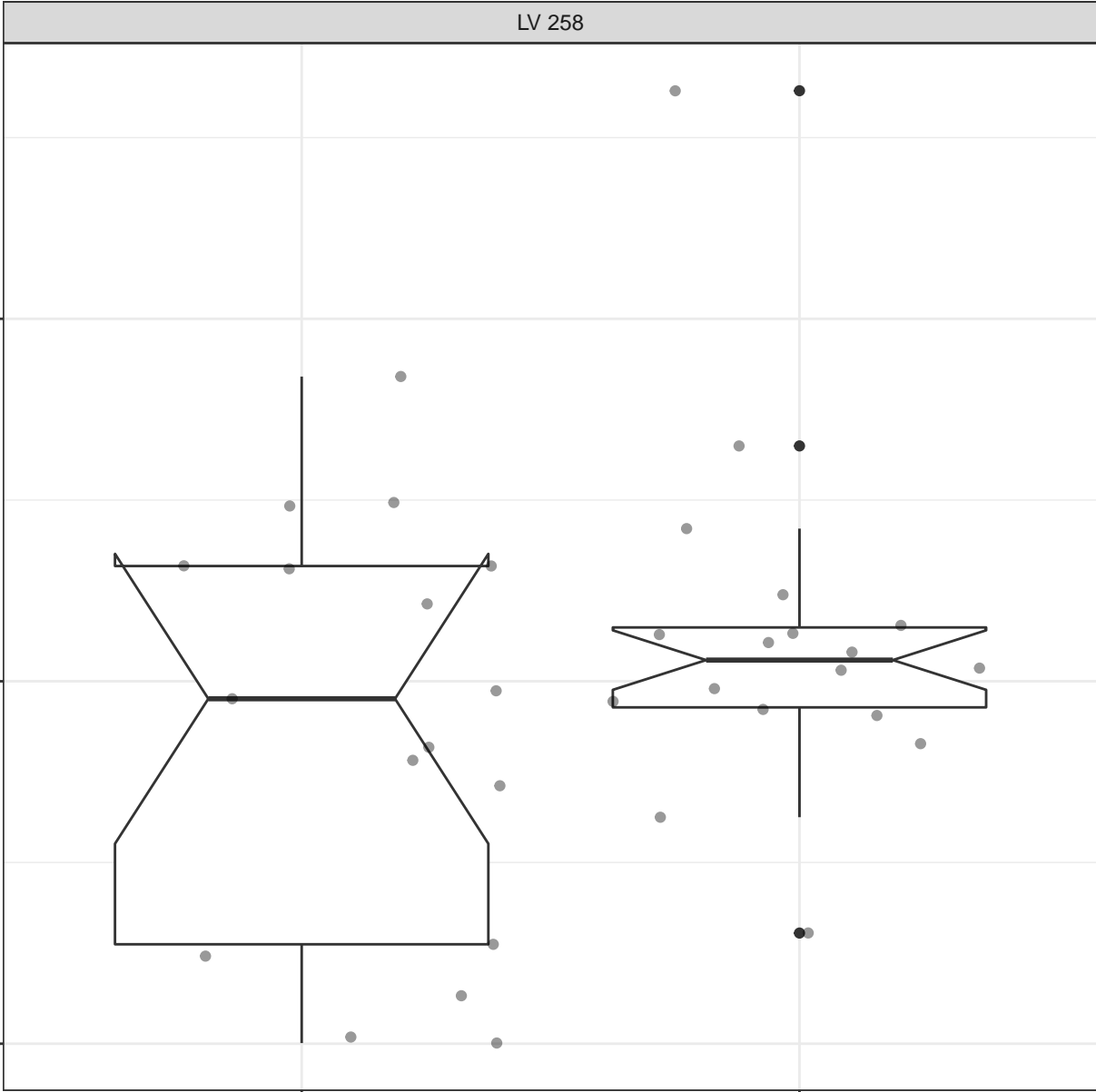
0.00

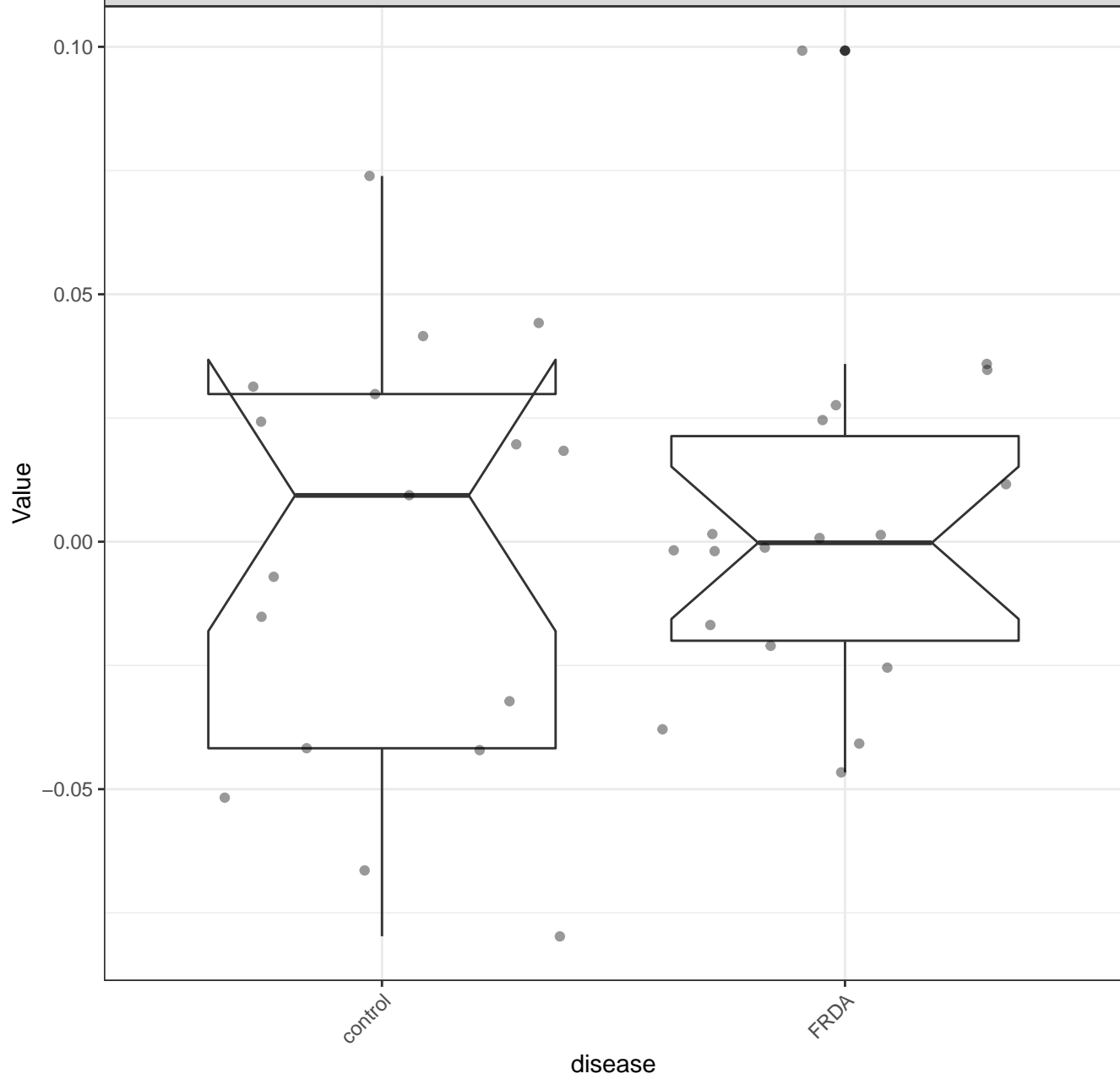
-0.05

control

disease

FRDA





Value

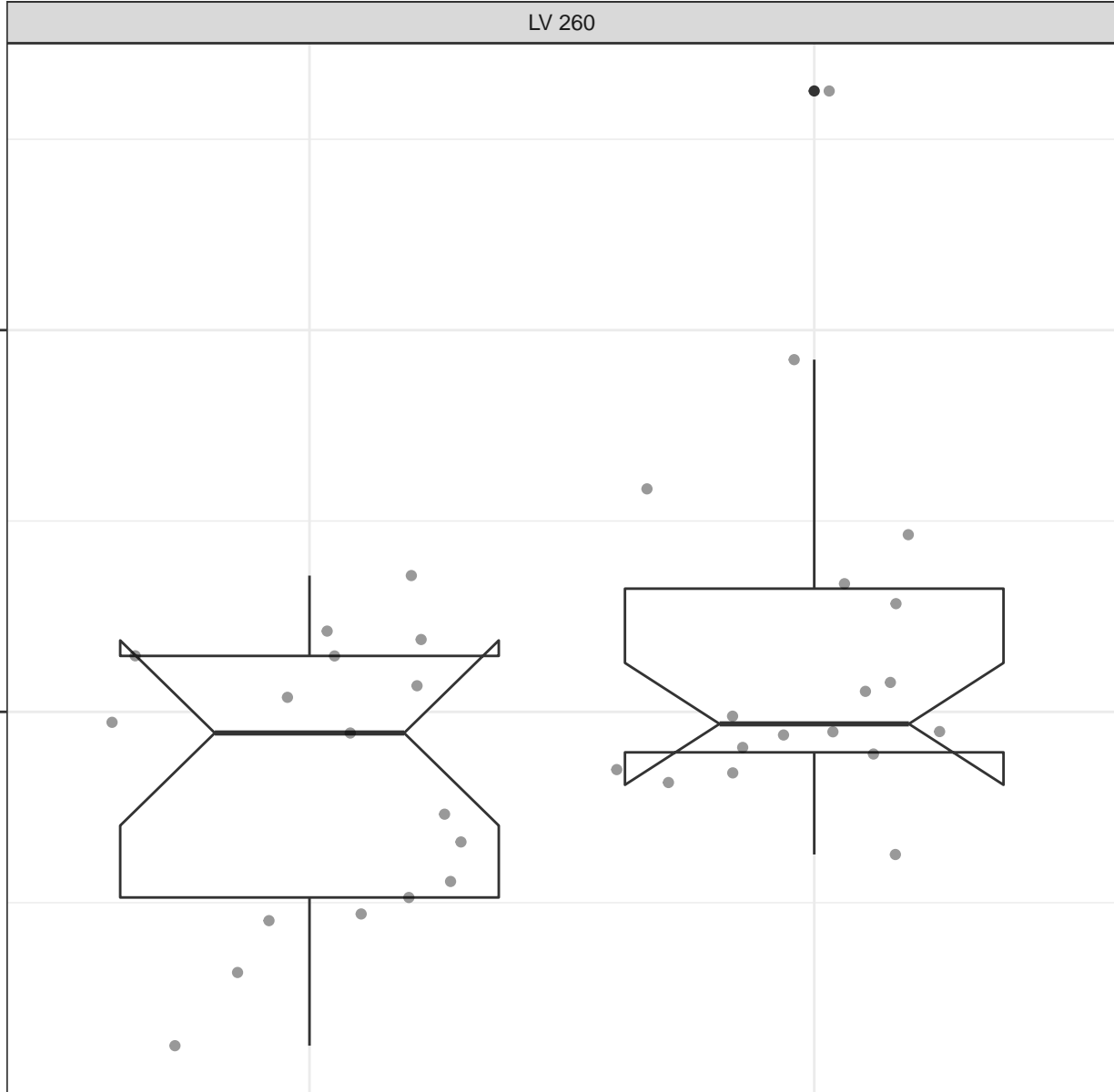
0.05

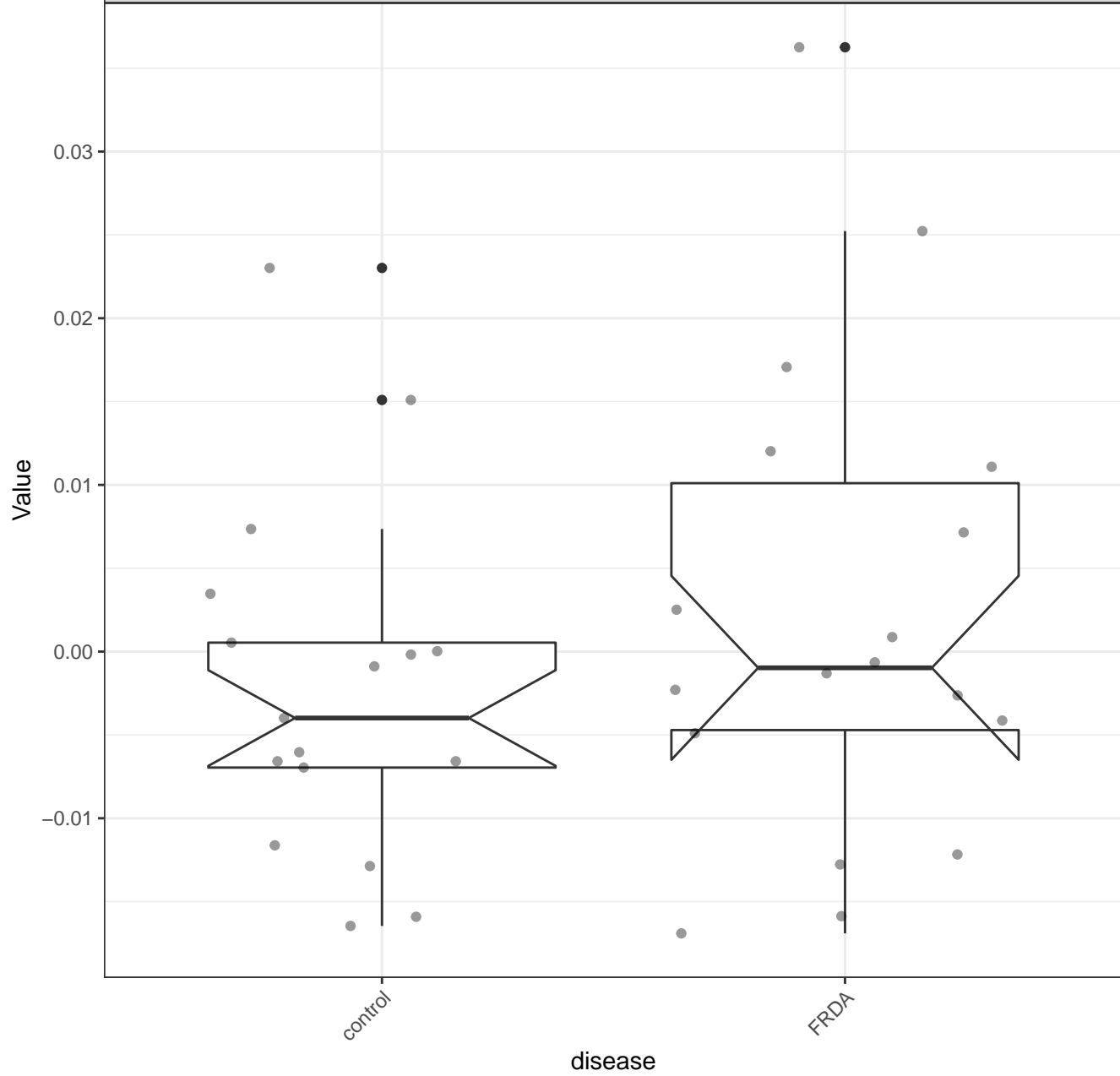
0.00

control

disease

FRDA





Value

0.050

0.025

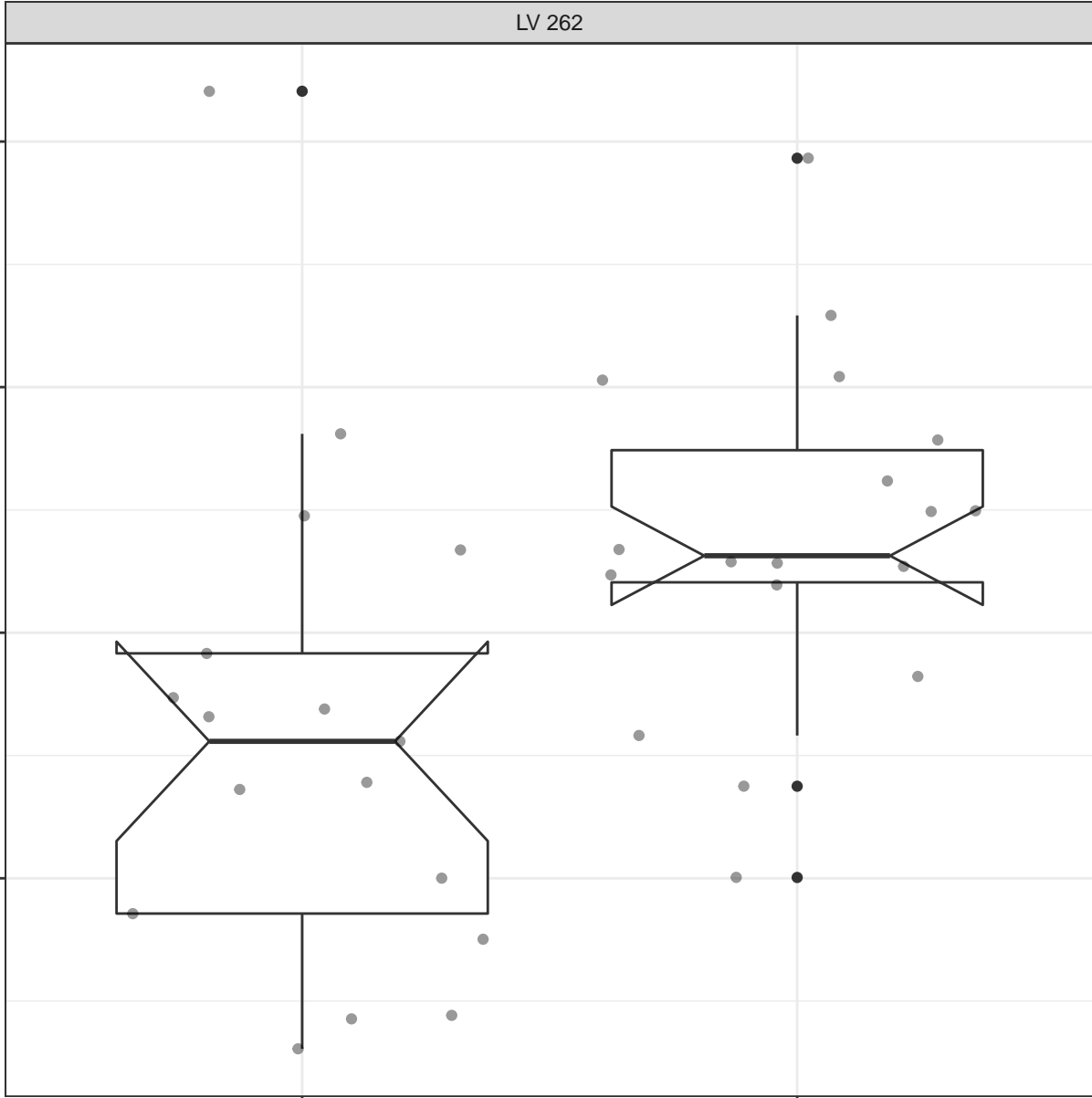
0.000

-0.025

control

FRDA

disease



Value

0.050

0.025

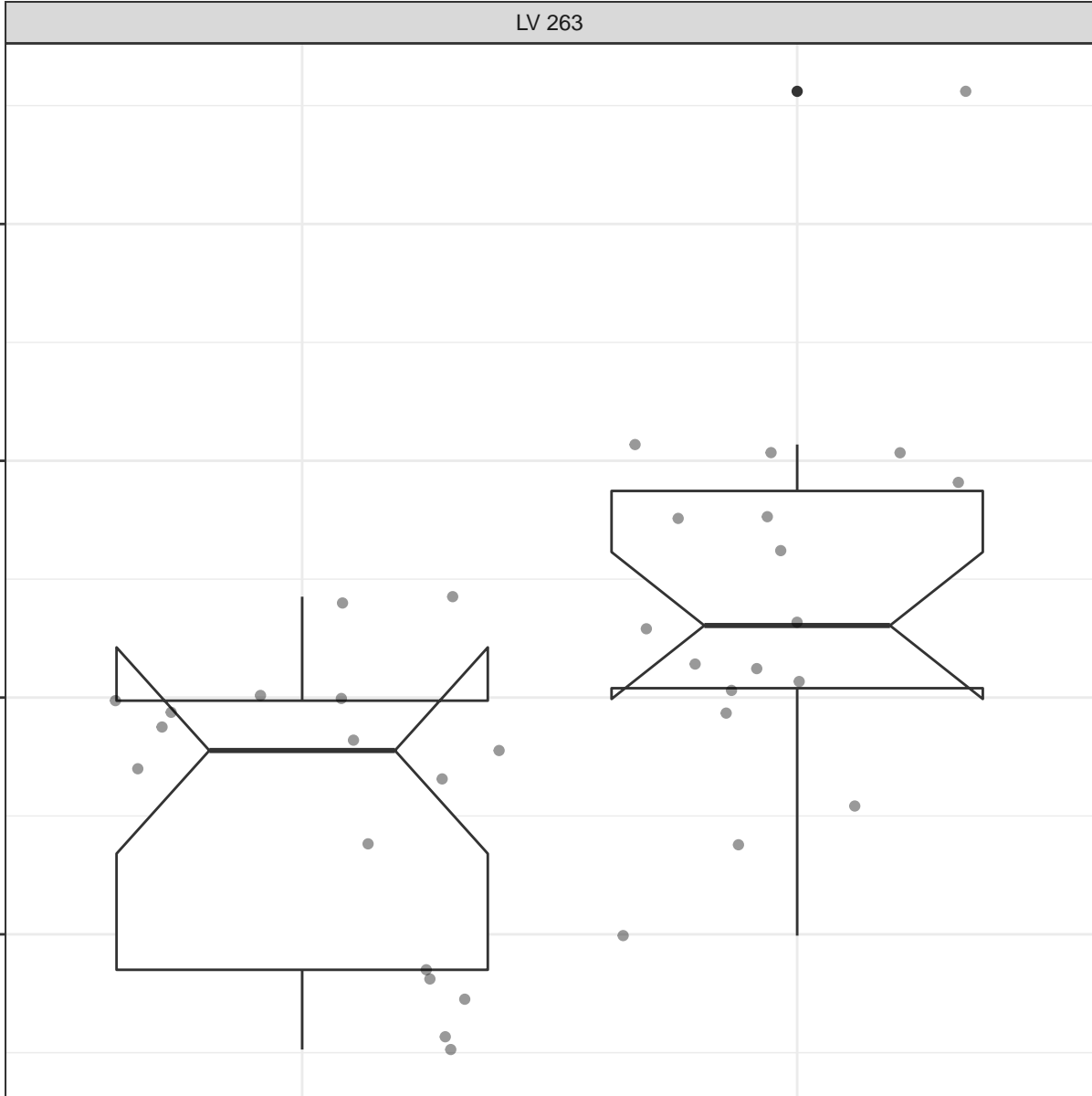
0.000

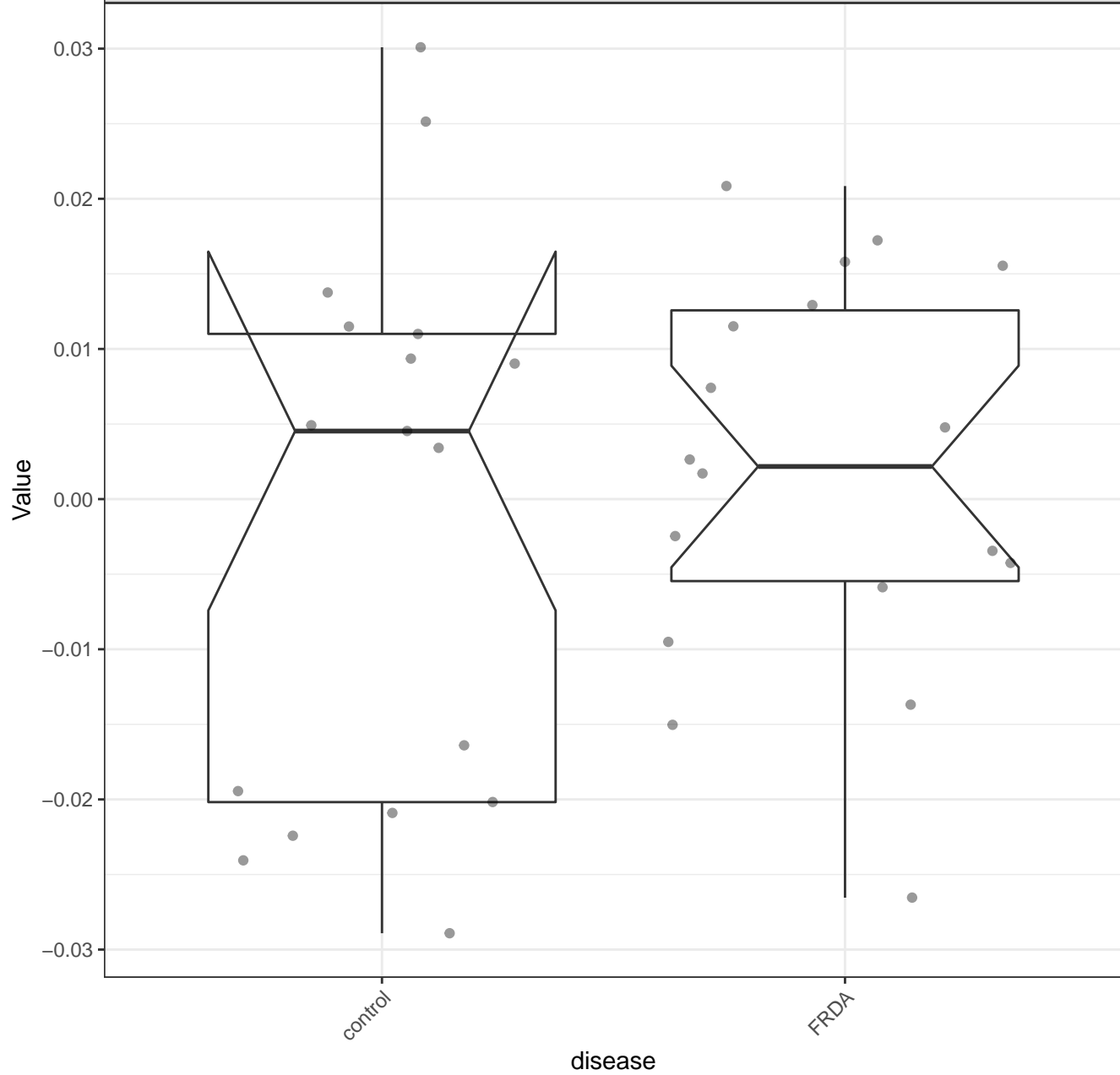
-0.025

control

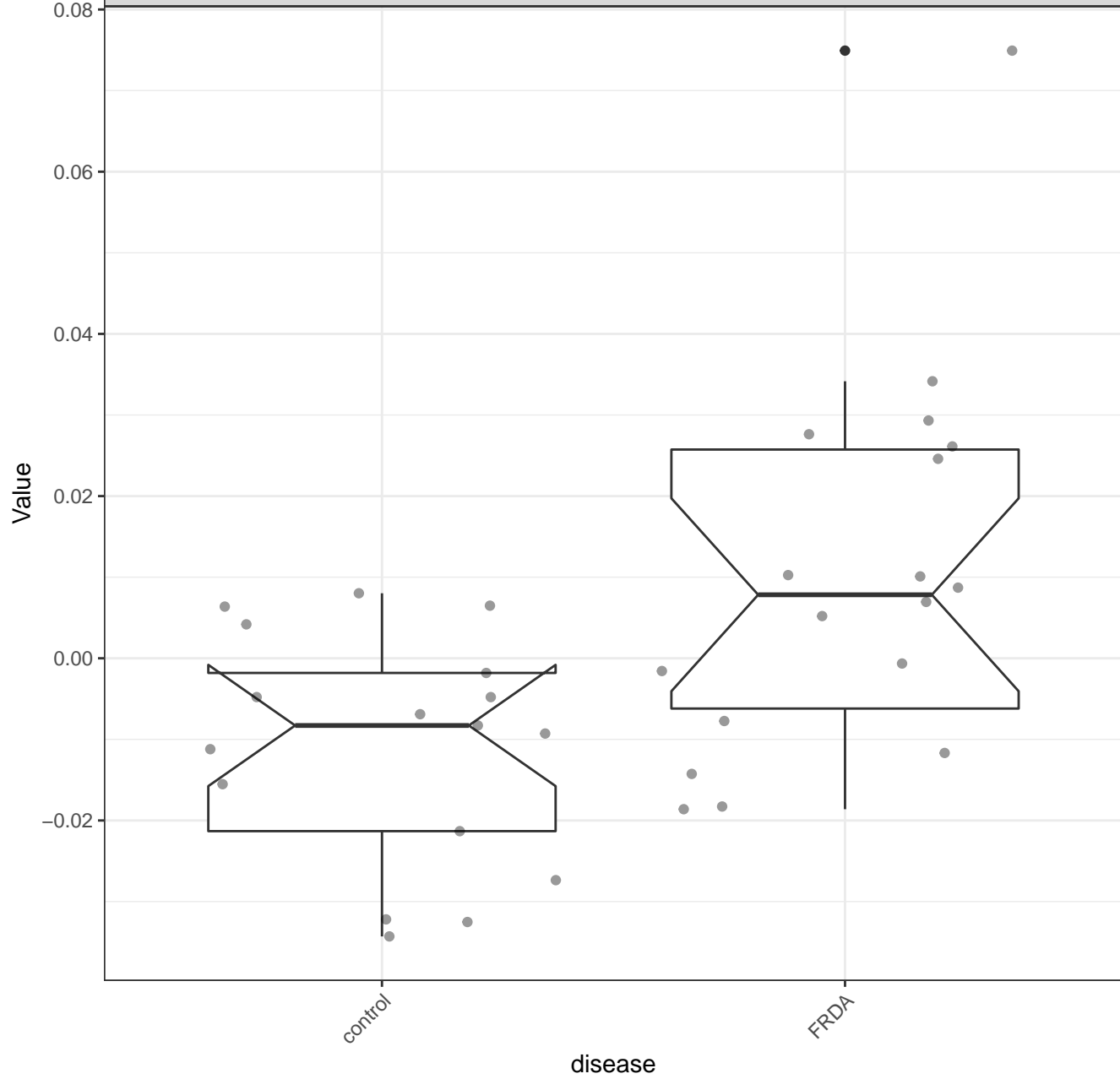
FRDA

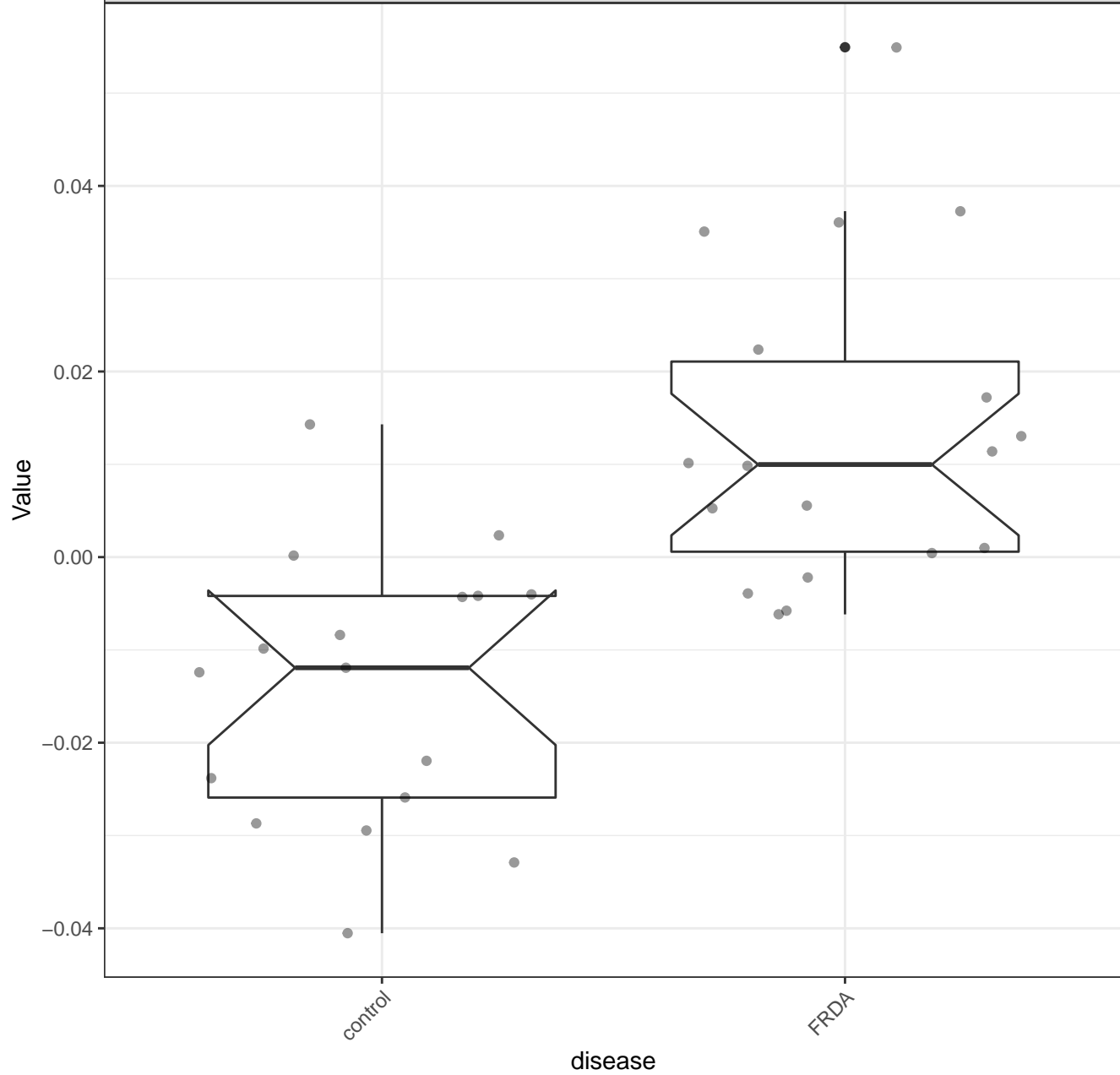
disease











Value

0.08

0.04

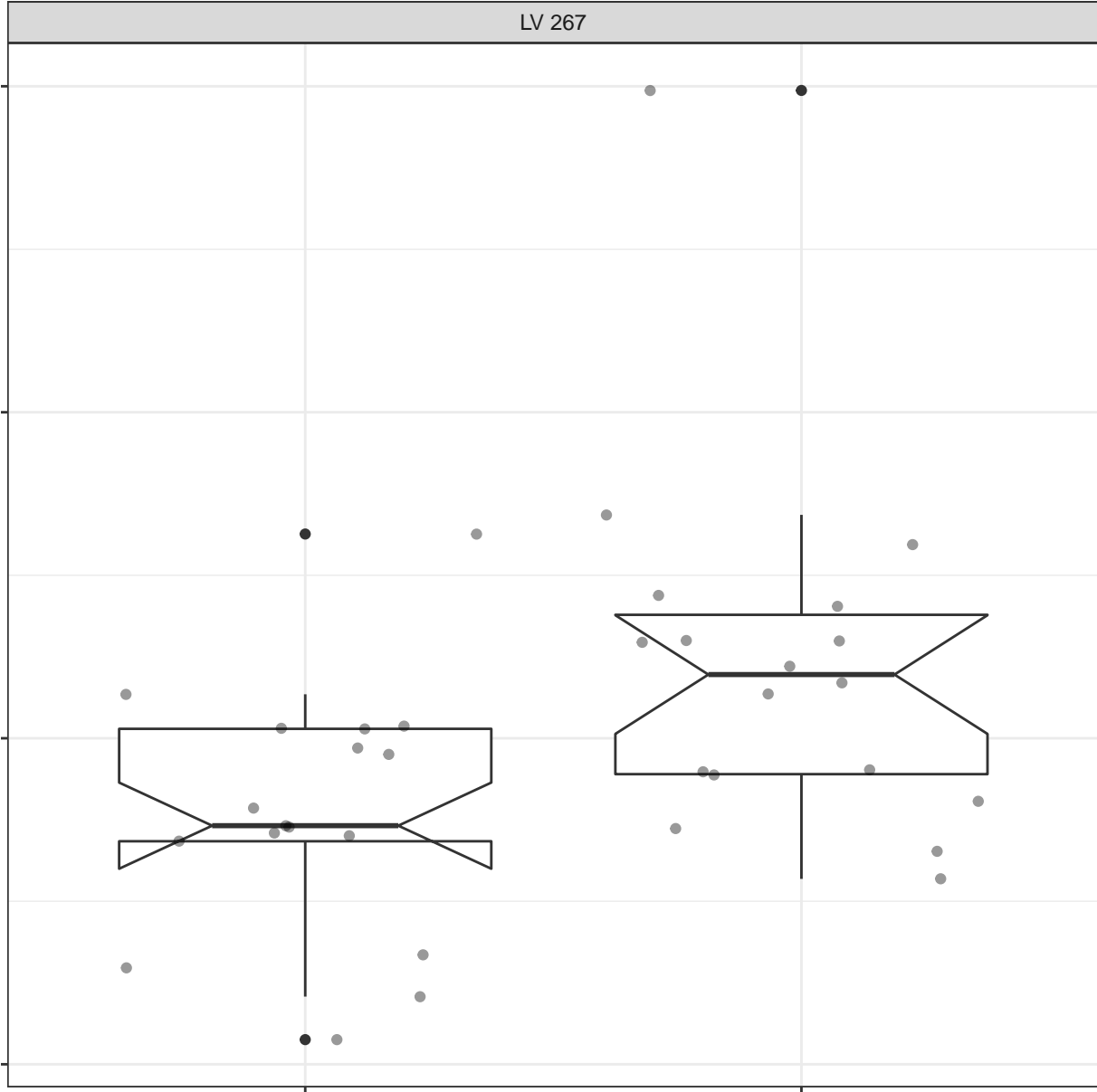
0.00

-0.04

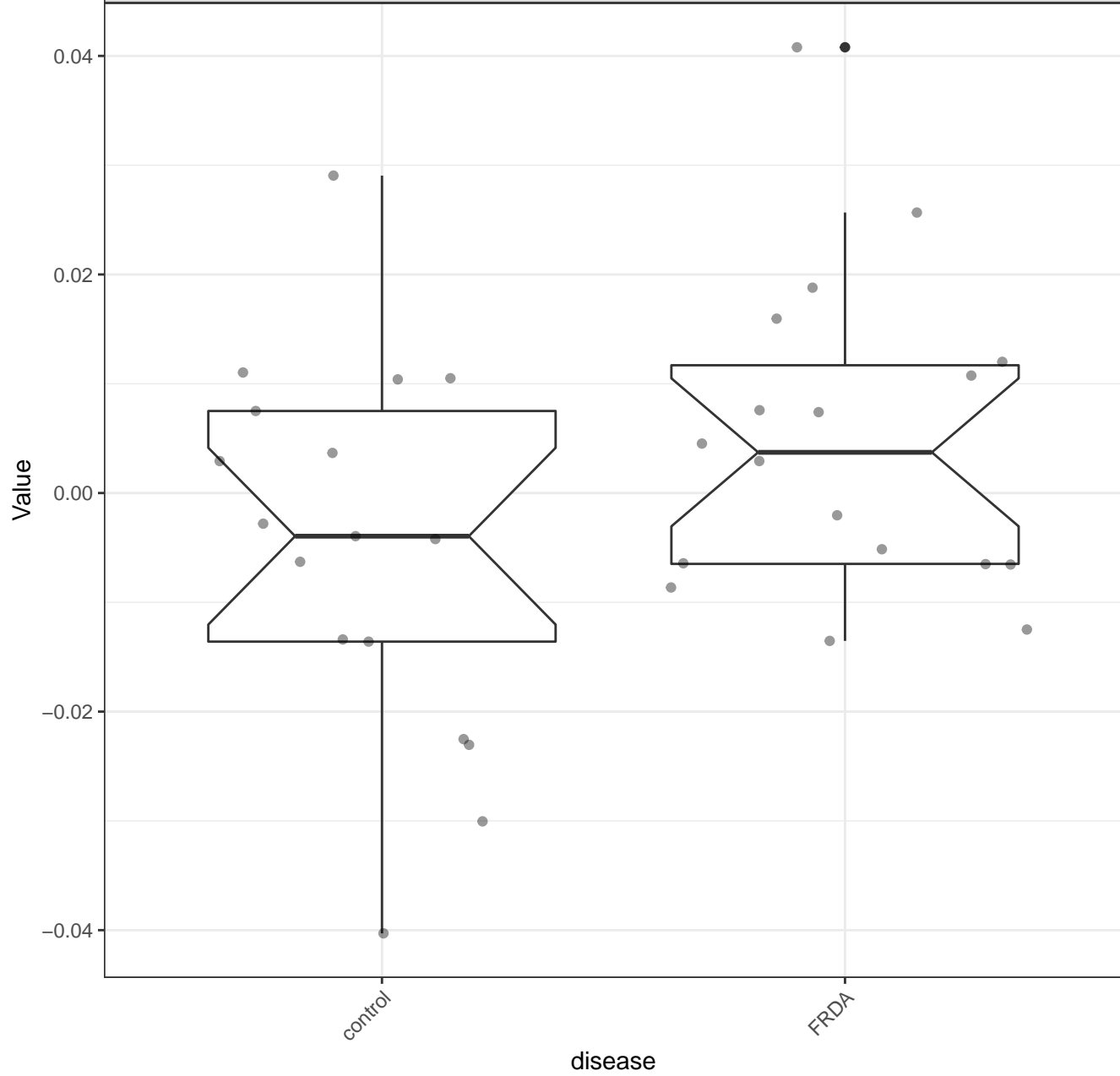
control

disease

FRDA



268, SVM Mast cells activated
-------------------------------



Value

0.04

0.02

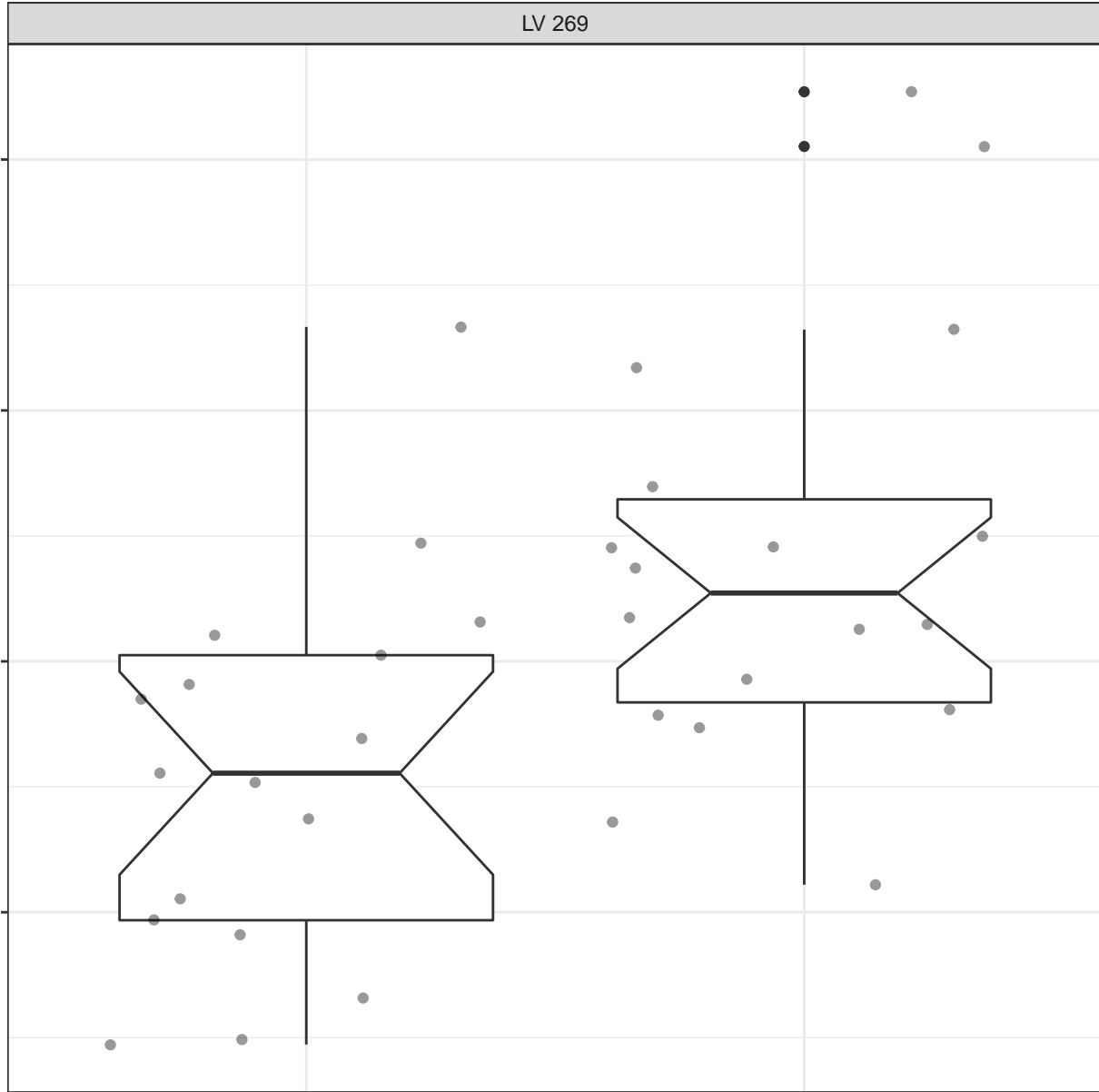
0.00

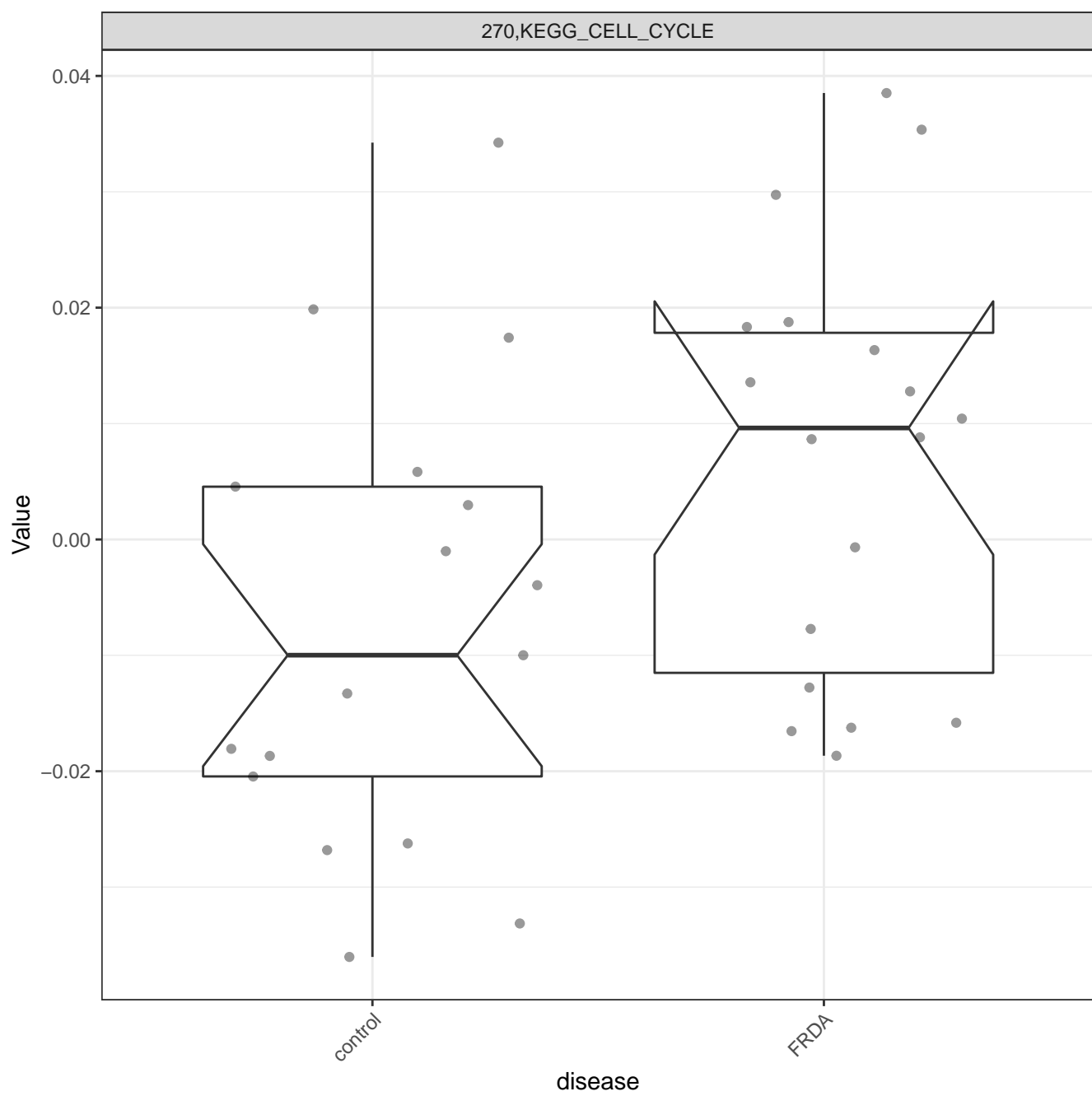
-0.02

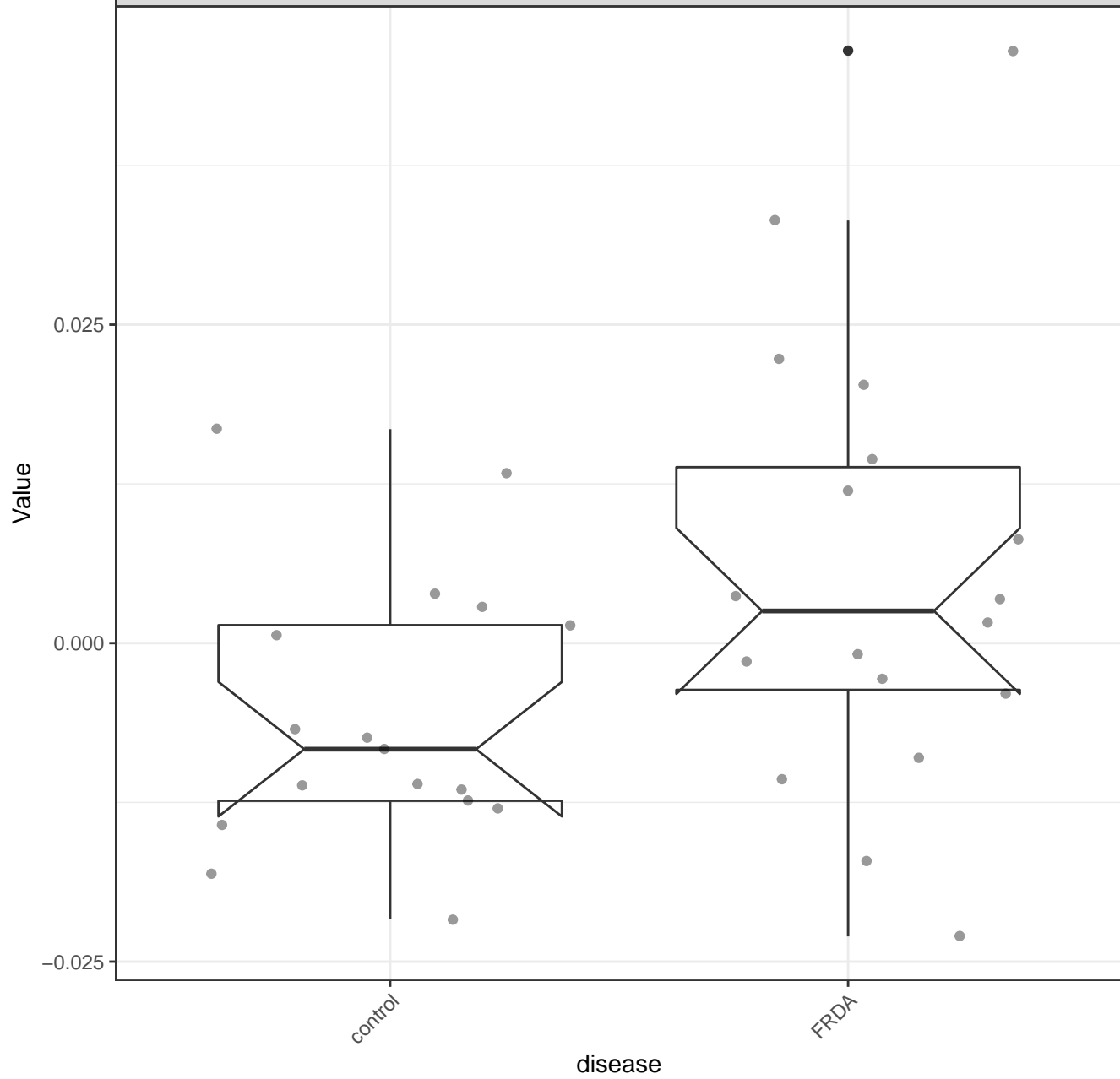
control

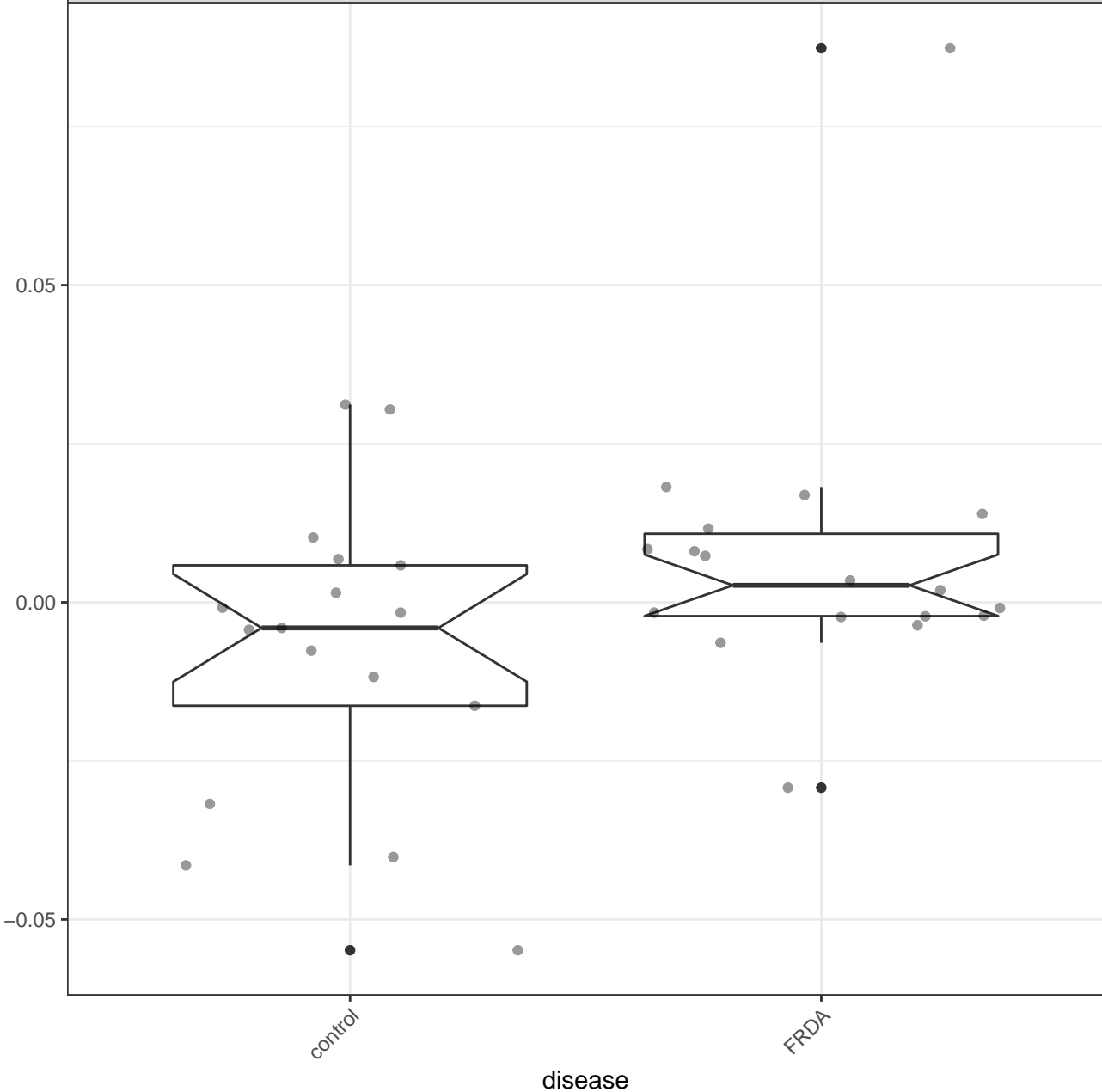
FRDA

disease

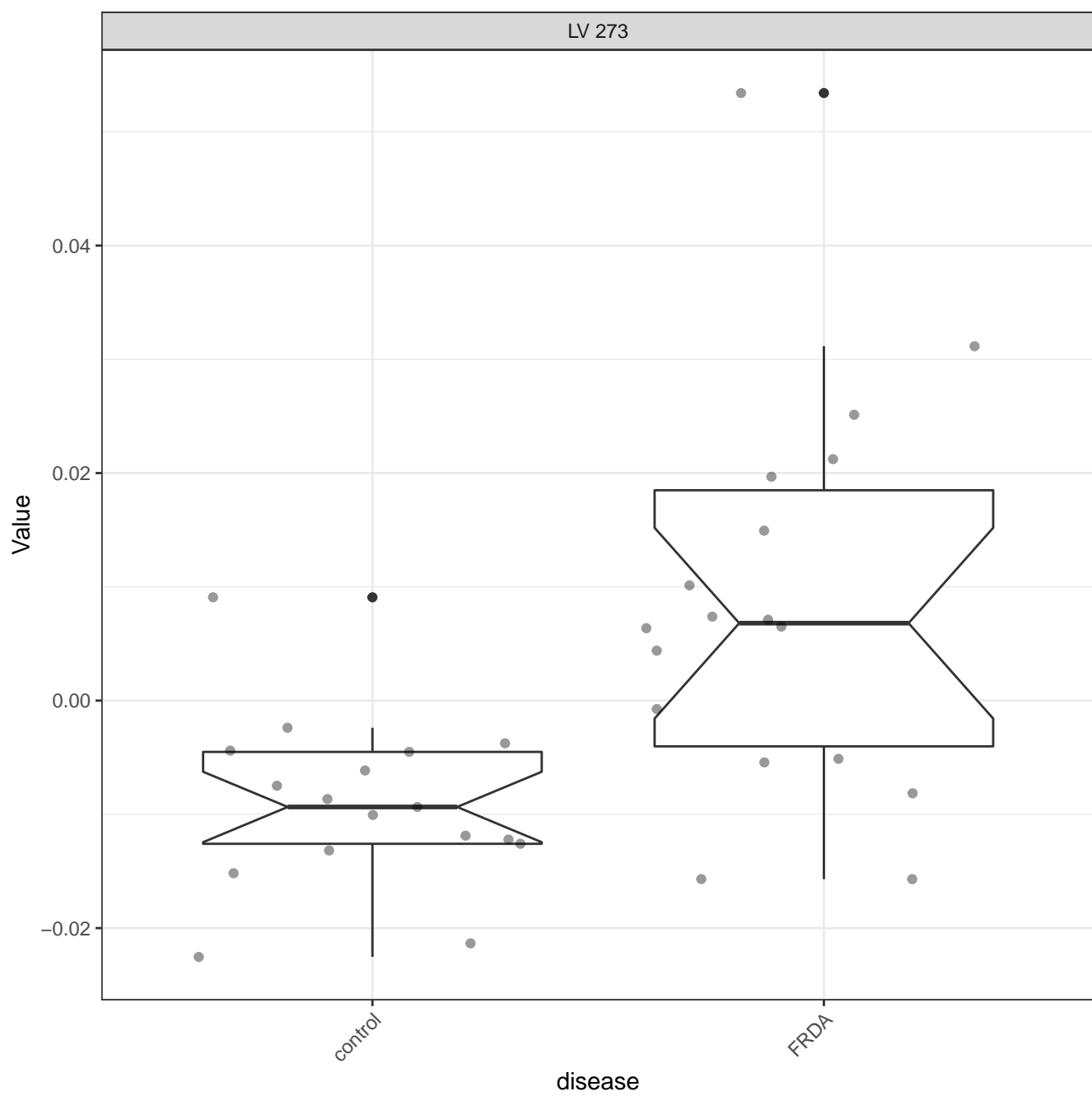












Value

0.2

0.1

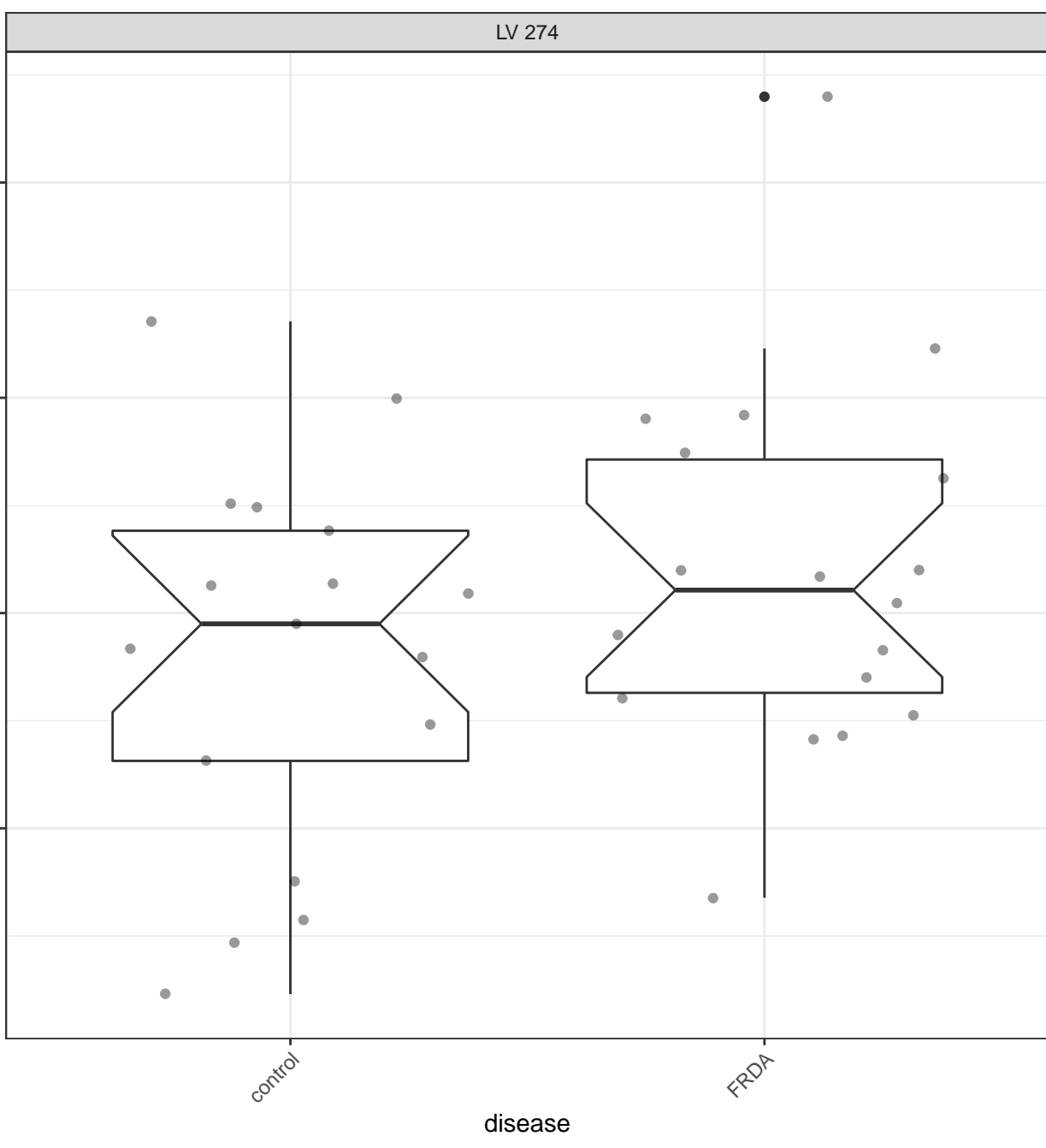
0.0

-0.1

control

FRDA

disease





control

FRDA

disease

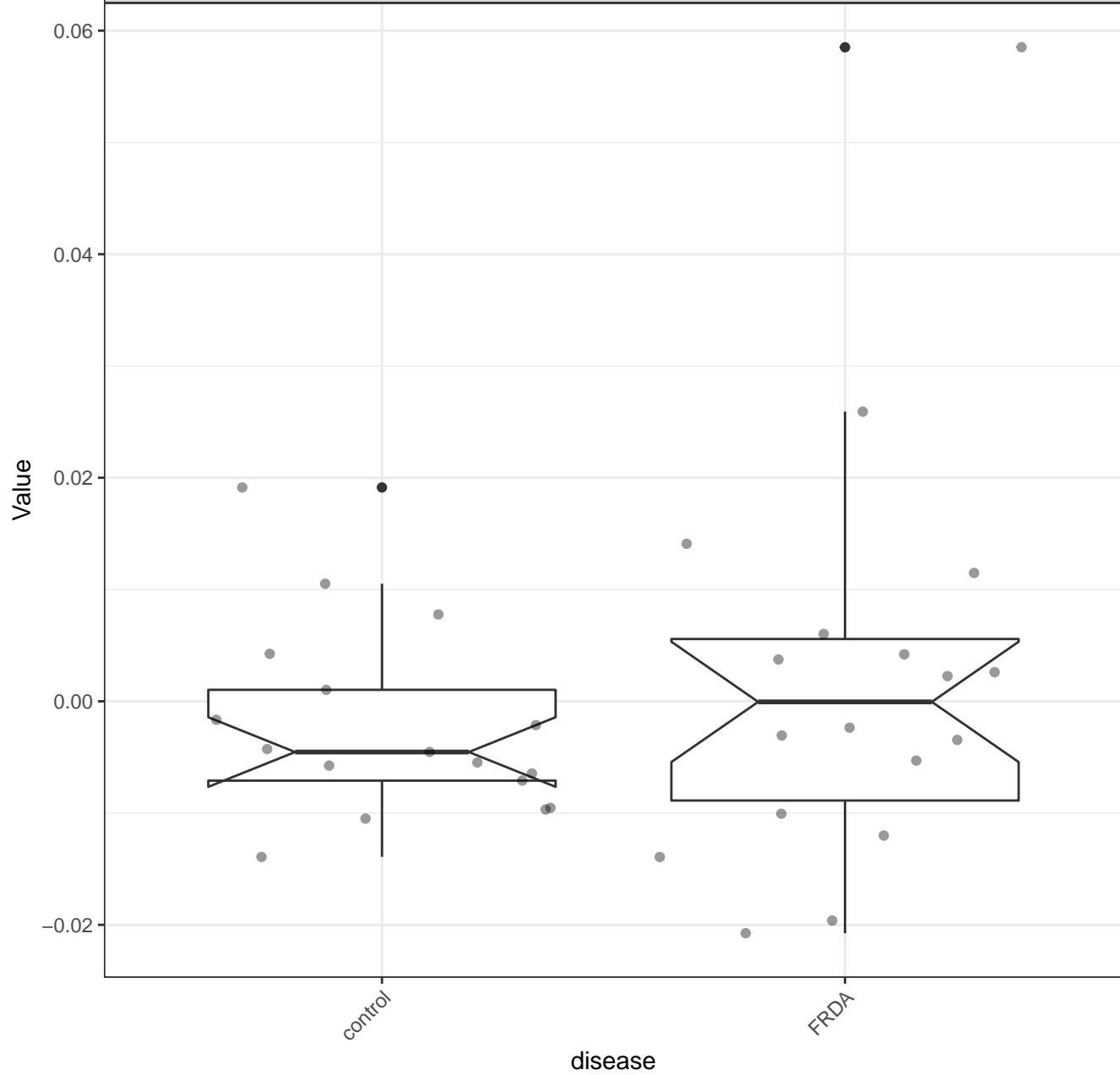


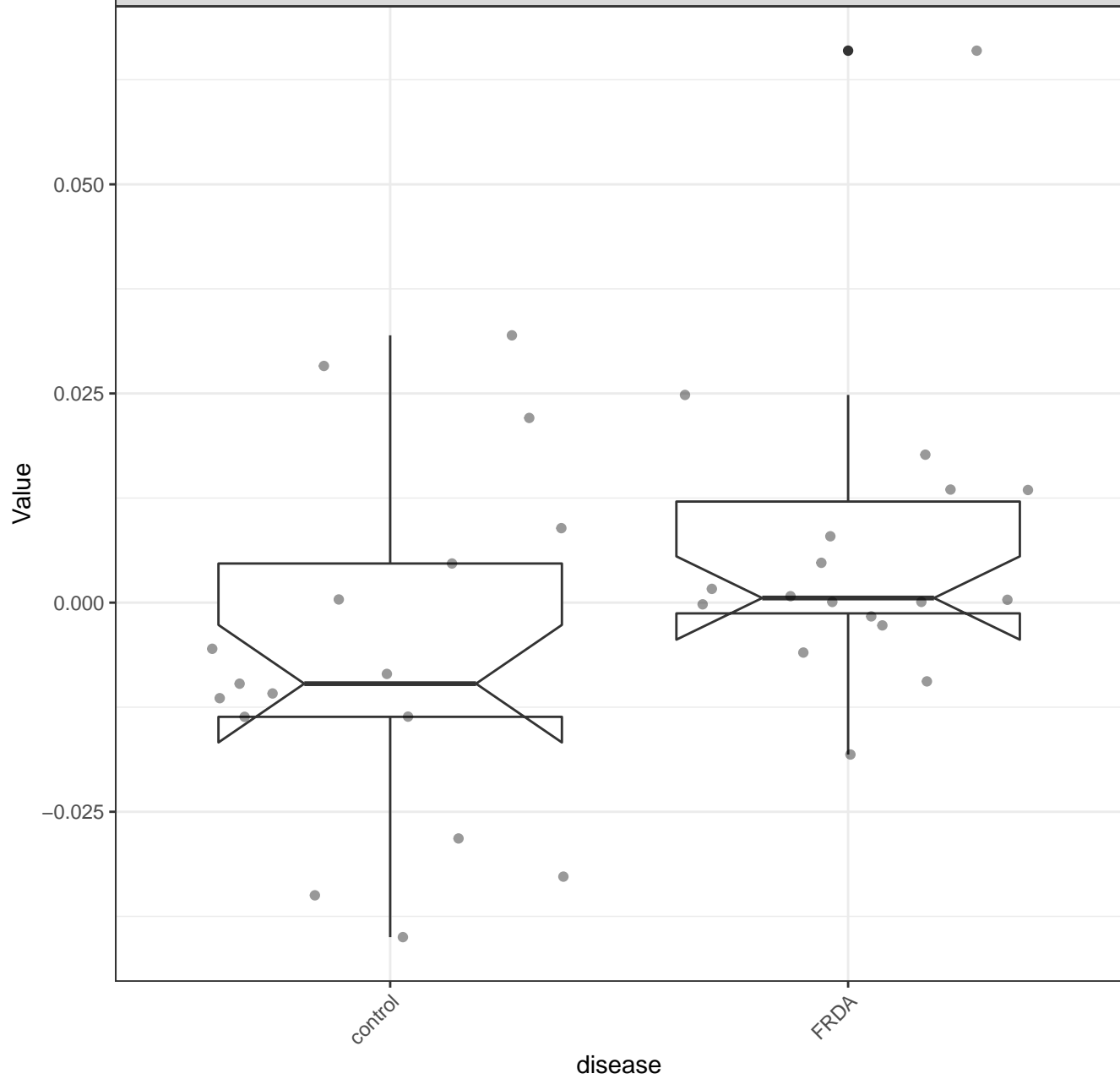
control

FRDA

disease

278,REACTOME\_SLC\_MEDIATED\_TRANSMEMBRANE\_TRANSPORT





LV 280

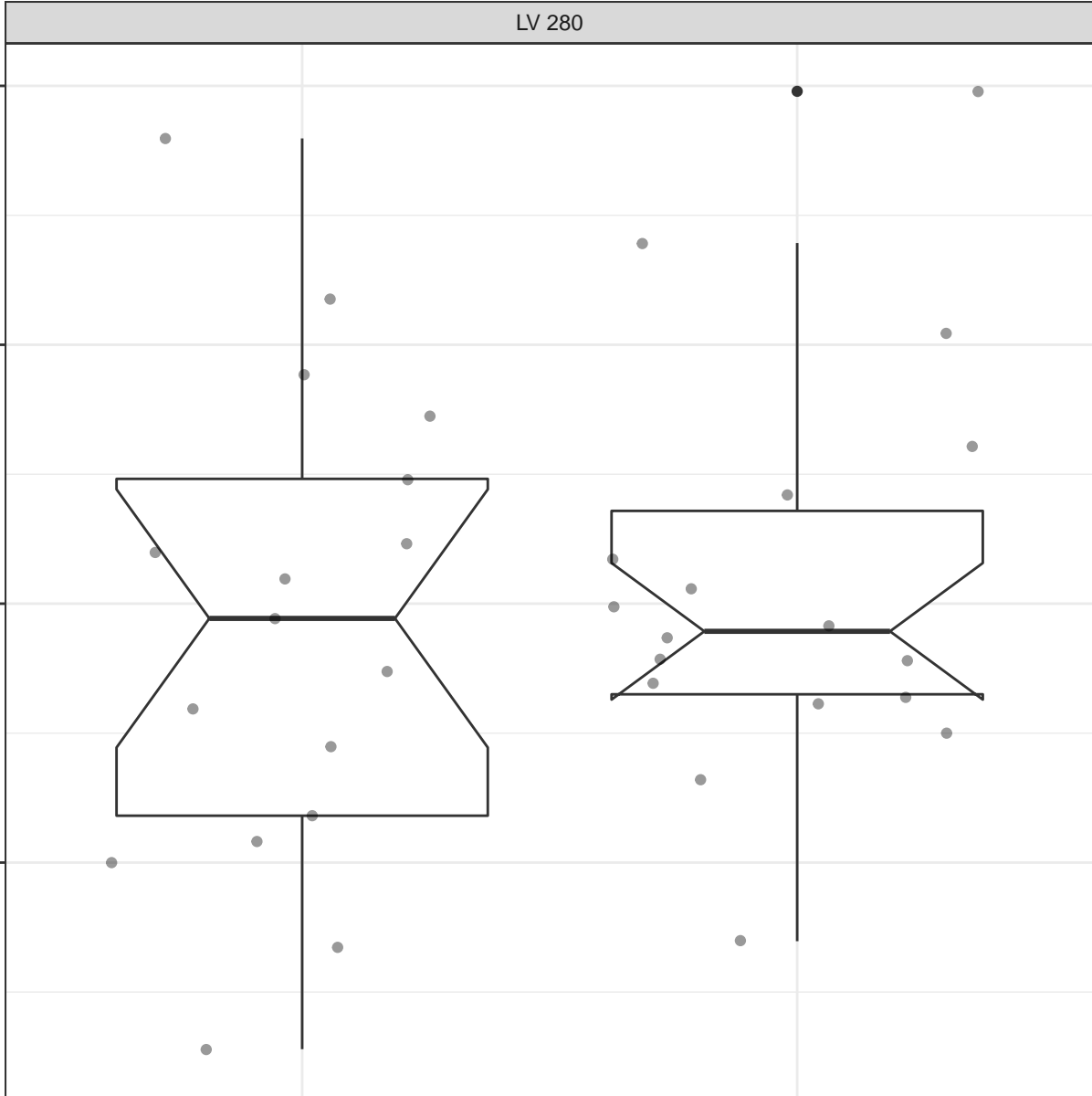
Value

control

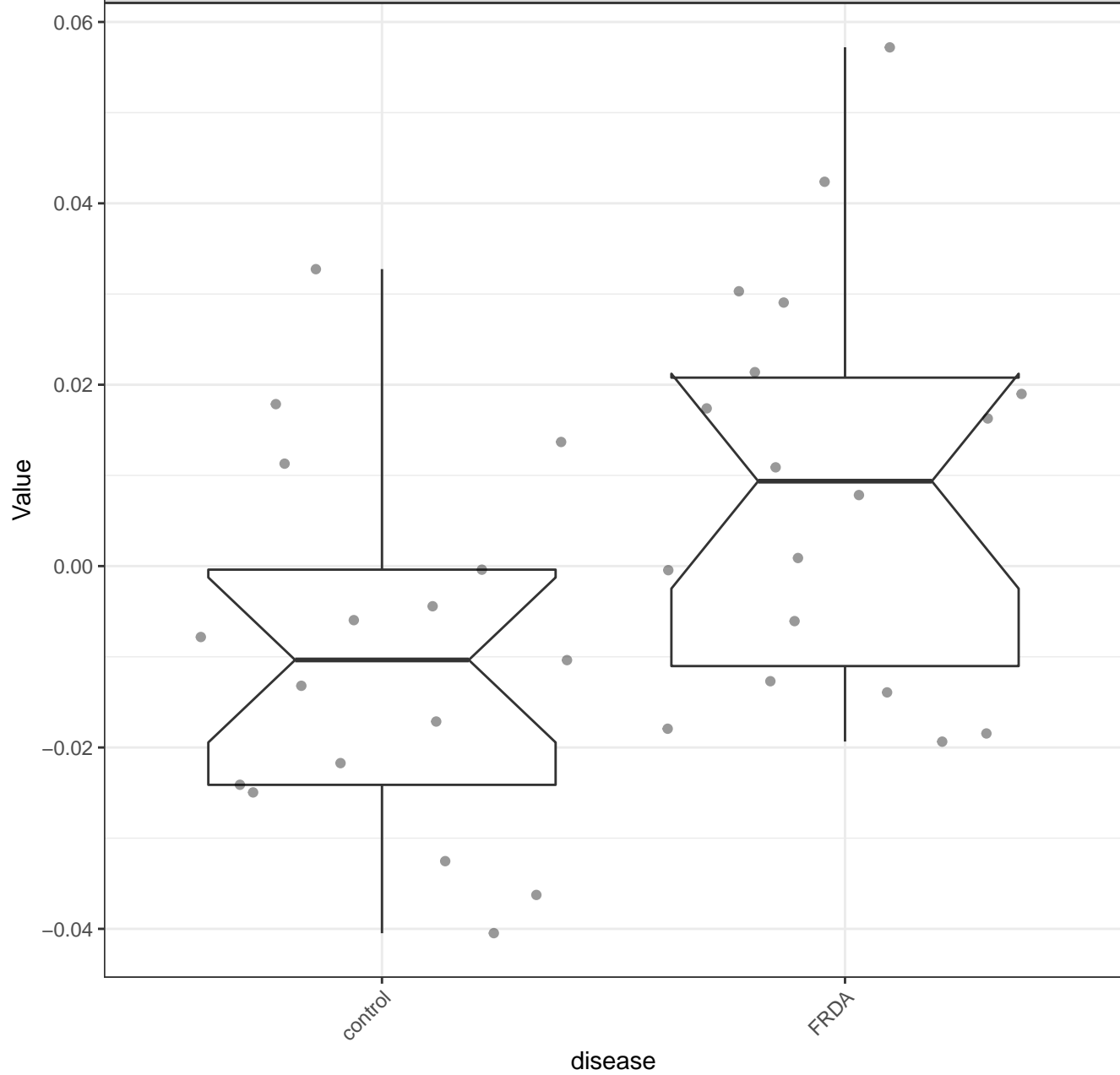
FRDA

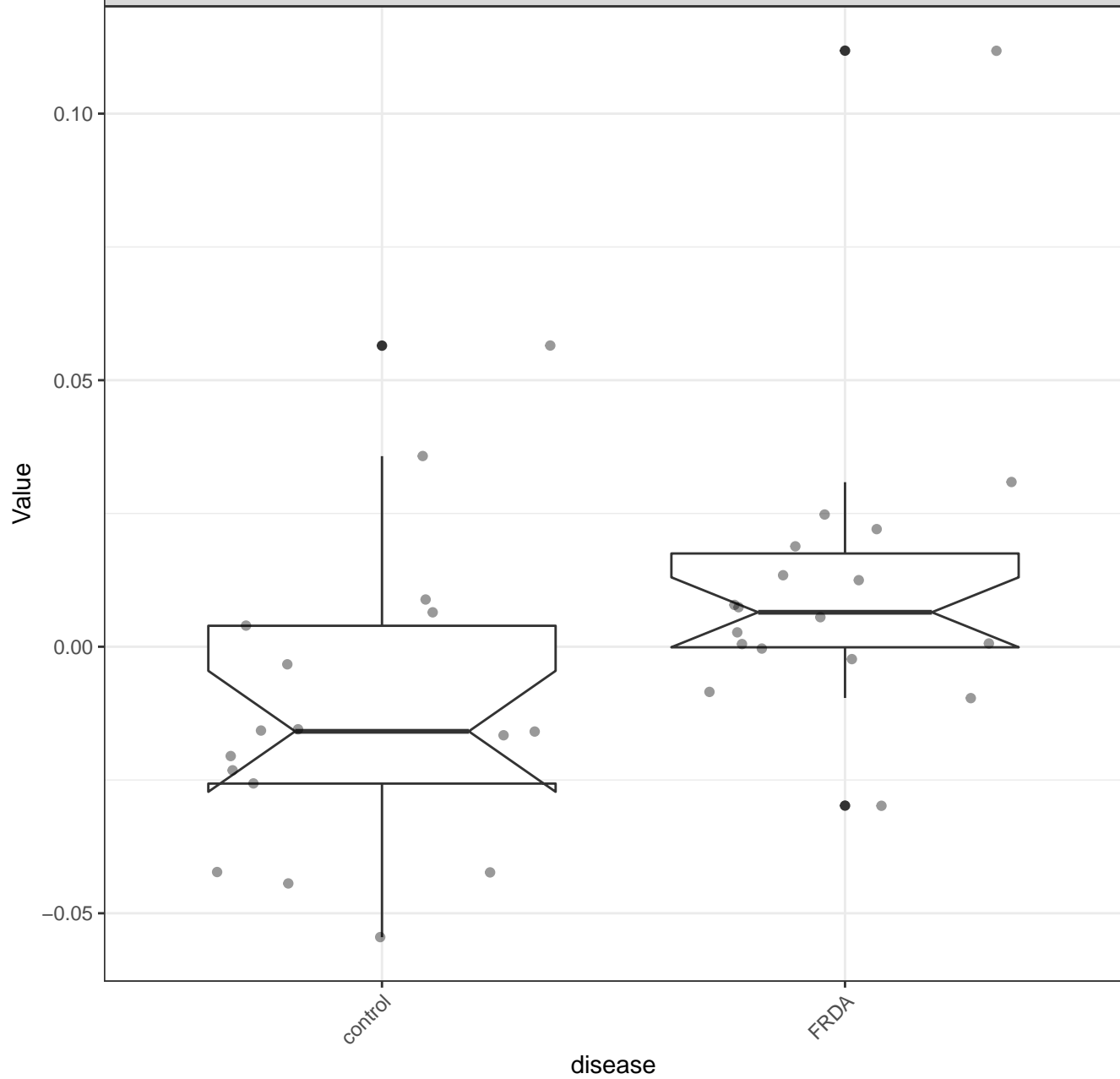
disease

0.050  
0.025  
0.000  
-0.025









Value

control

FRDA

disease

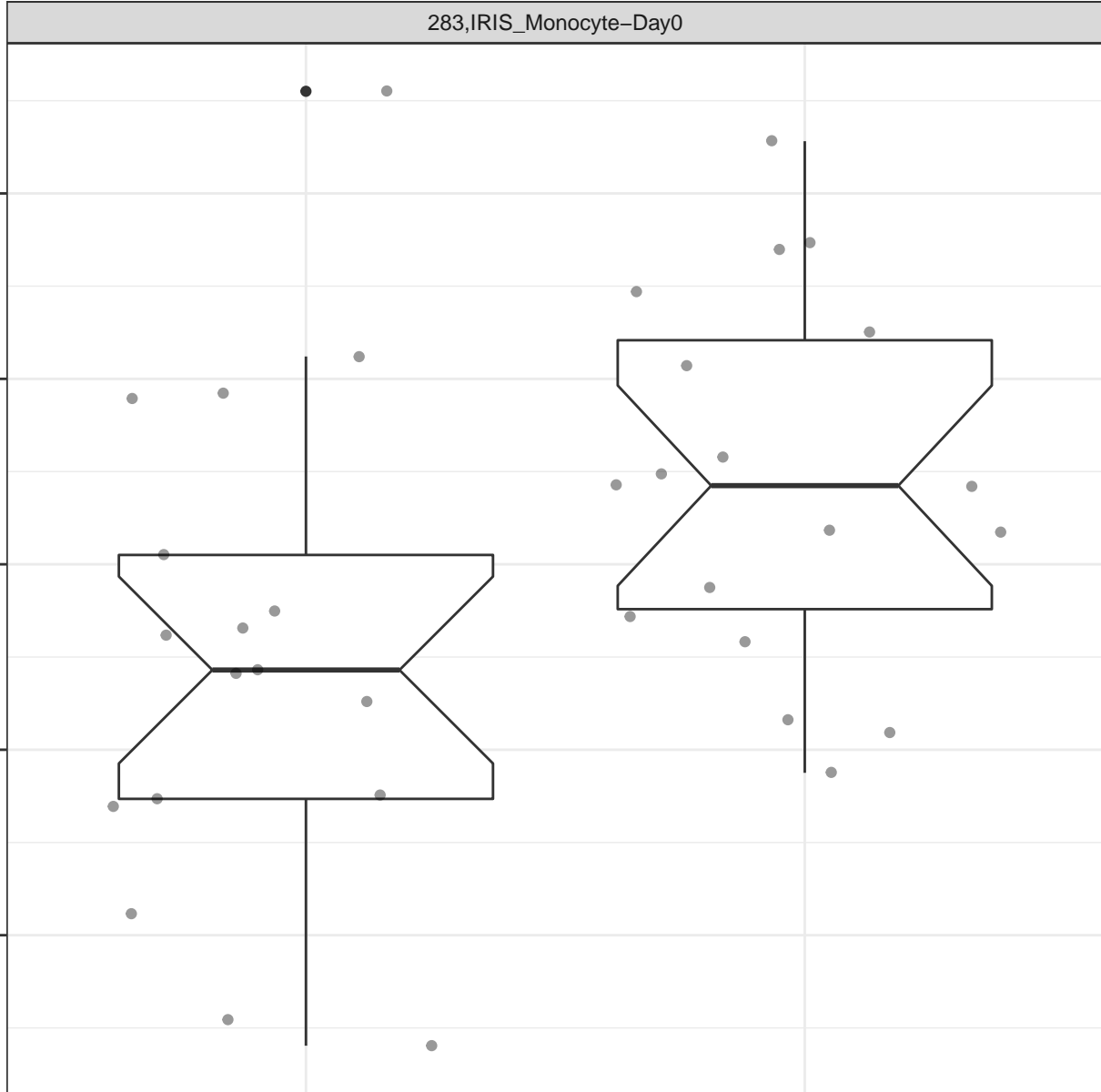
0.02

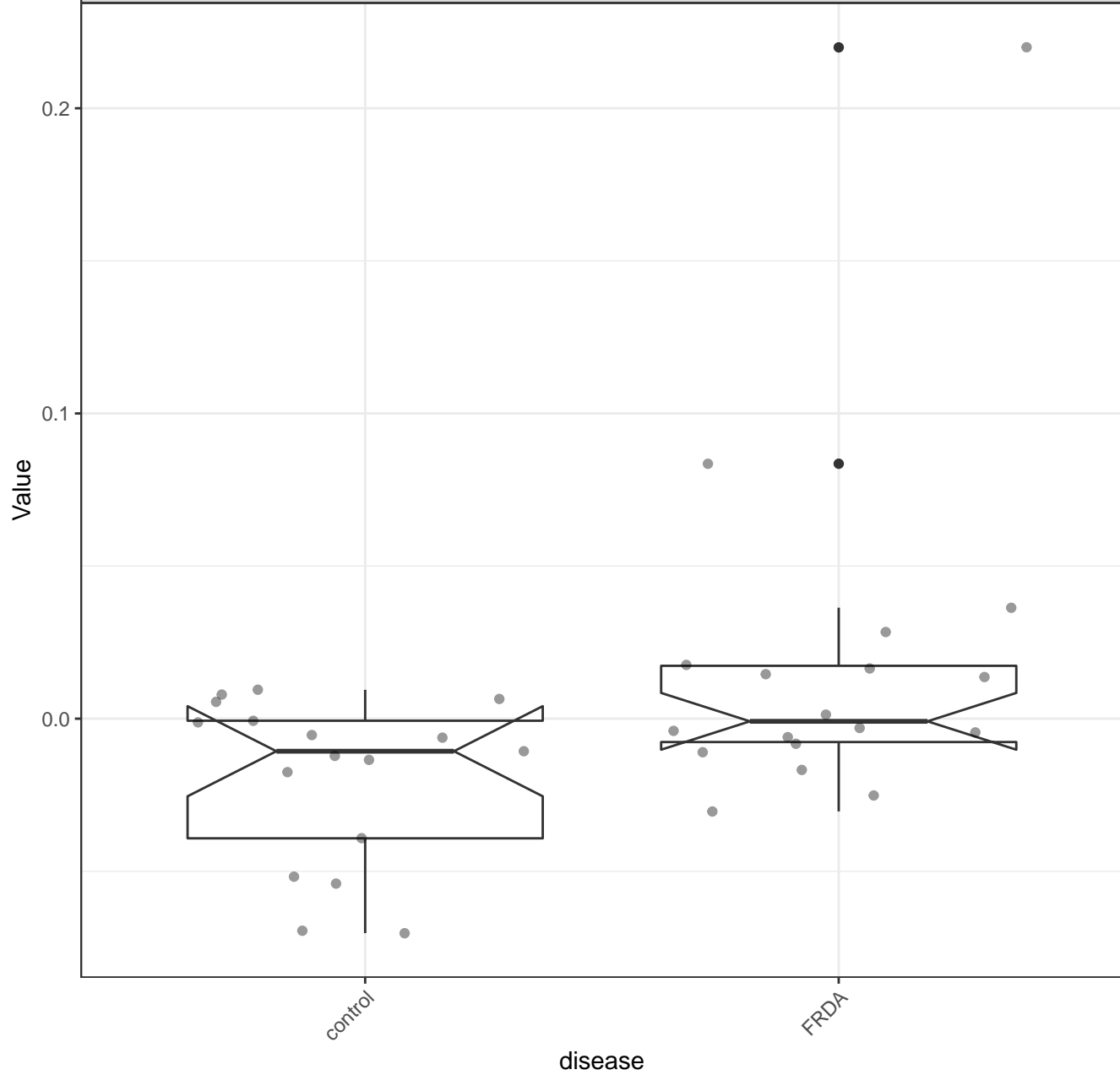
0.01

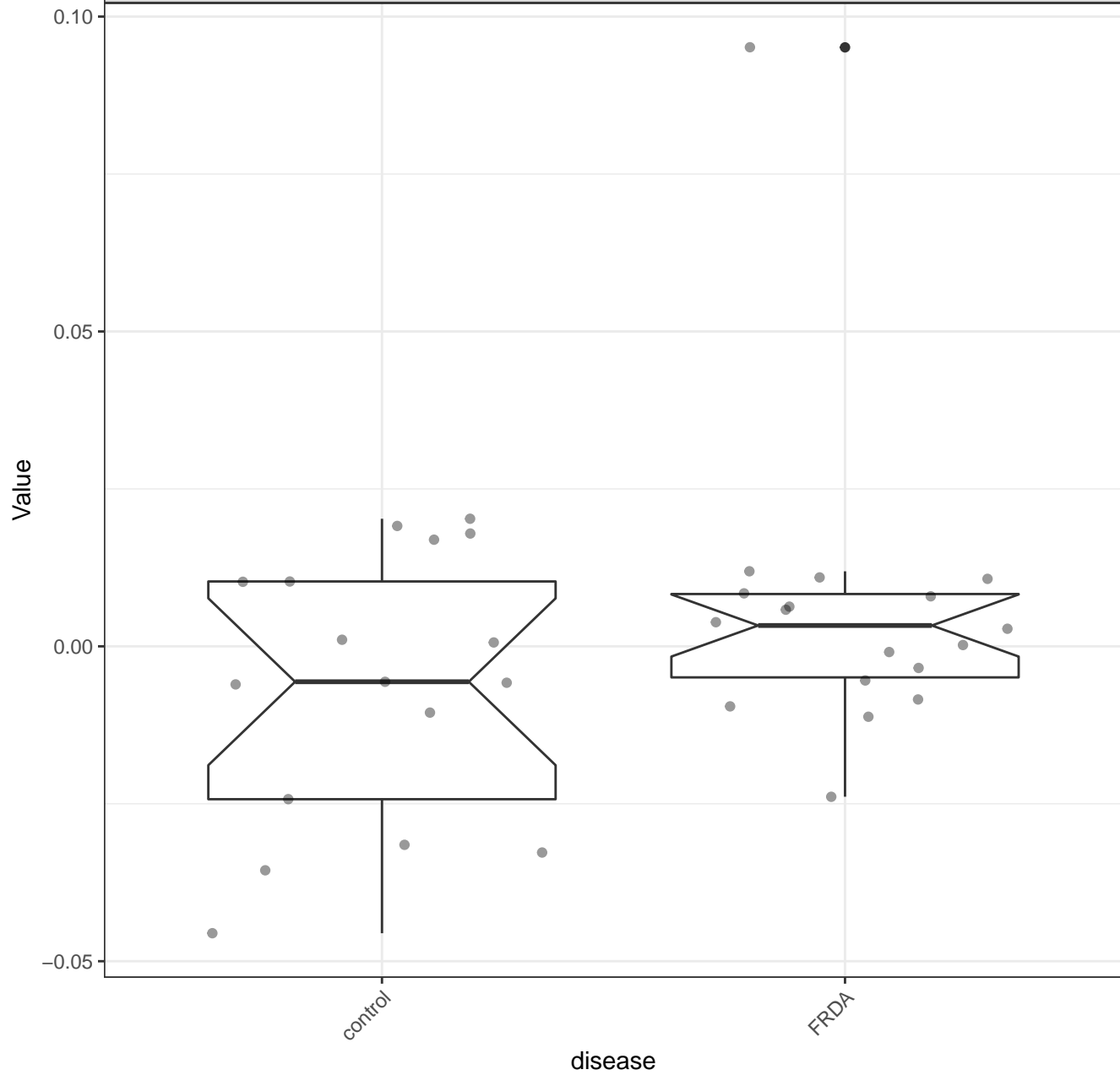
0.00

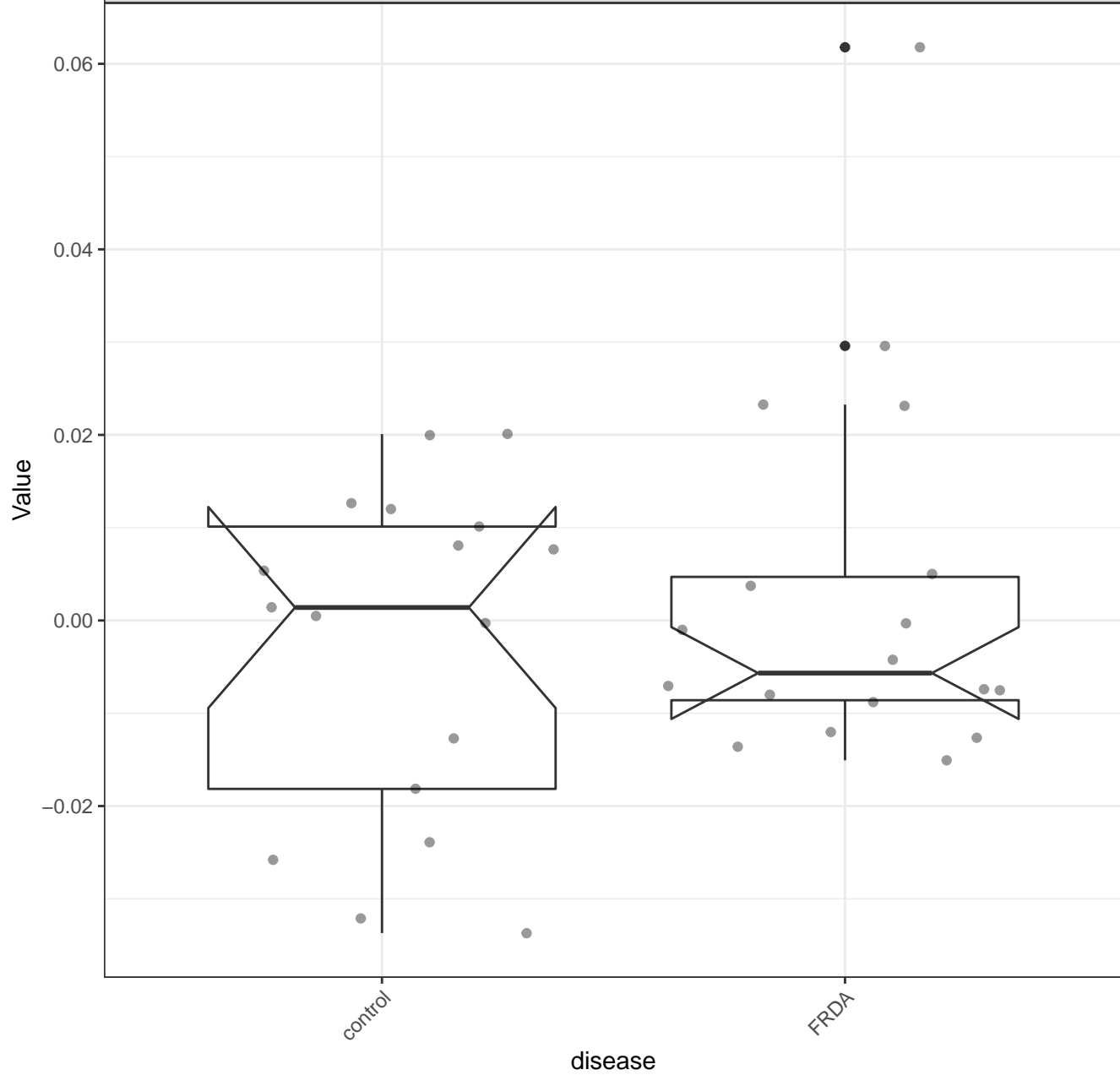
-0.01

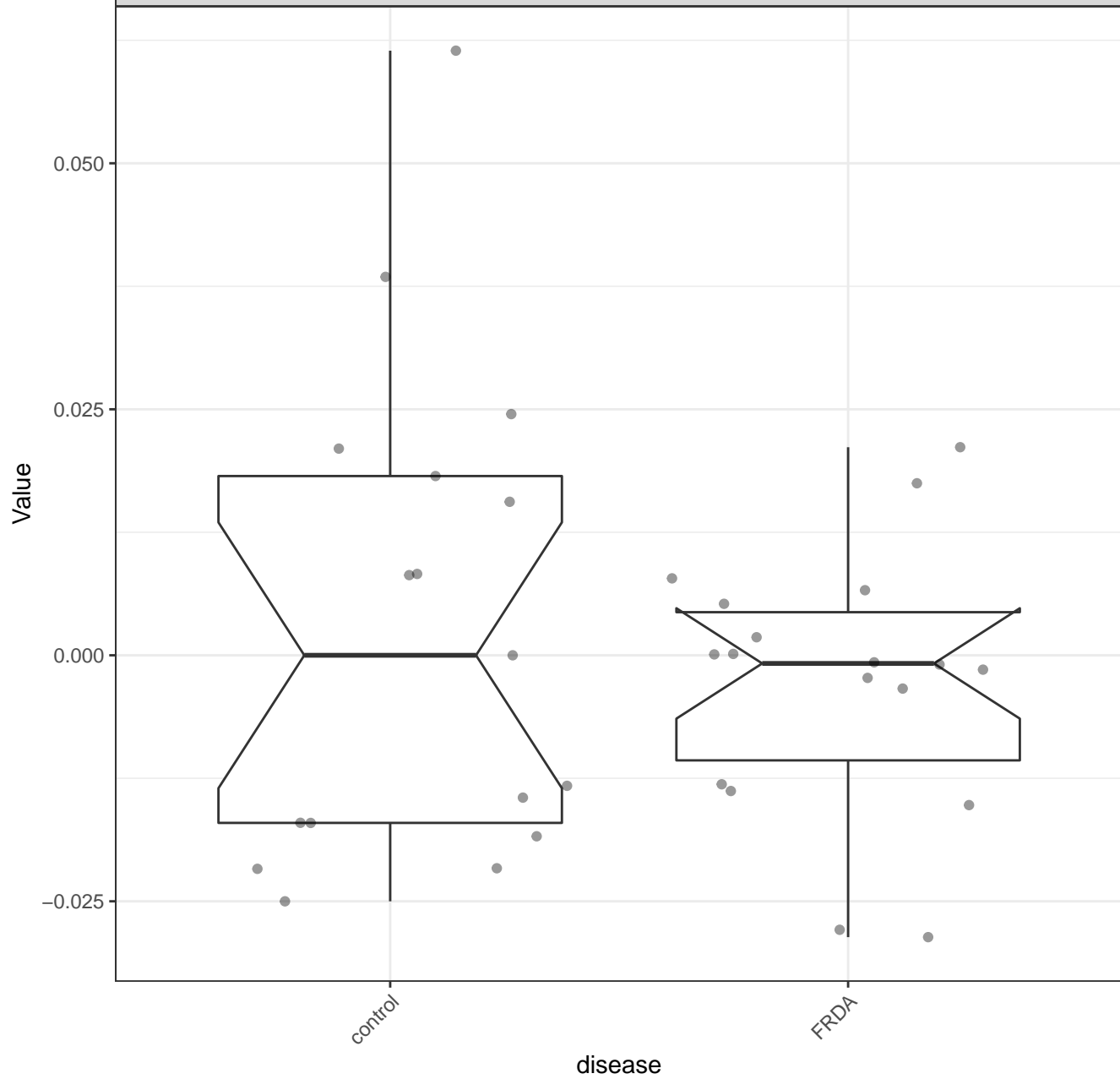
-0.02

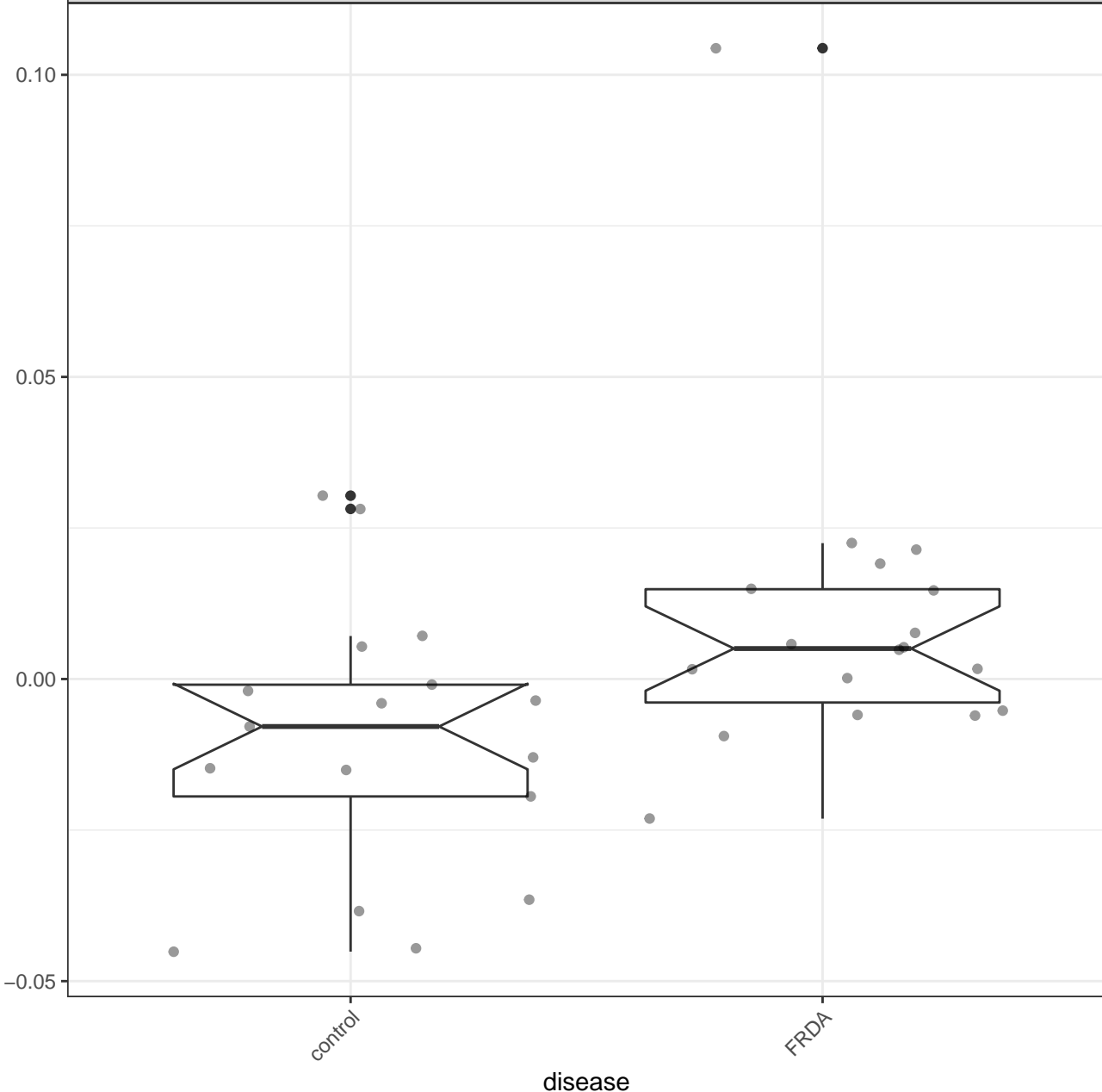




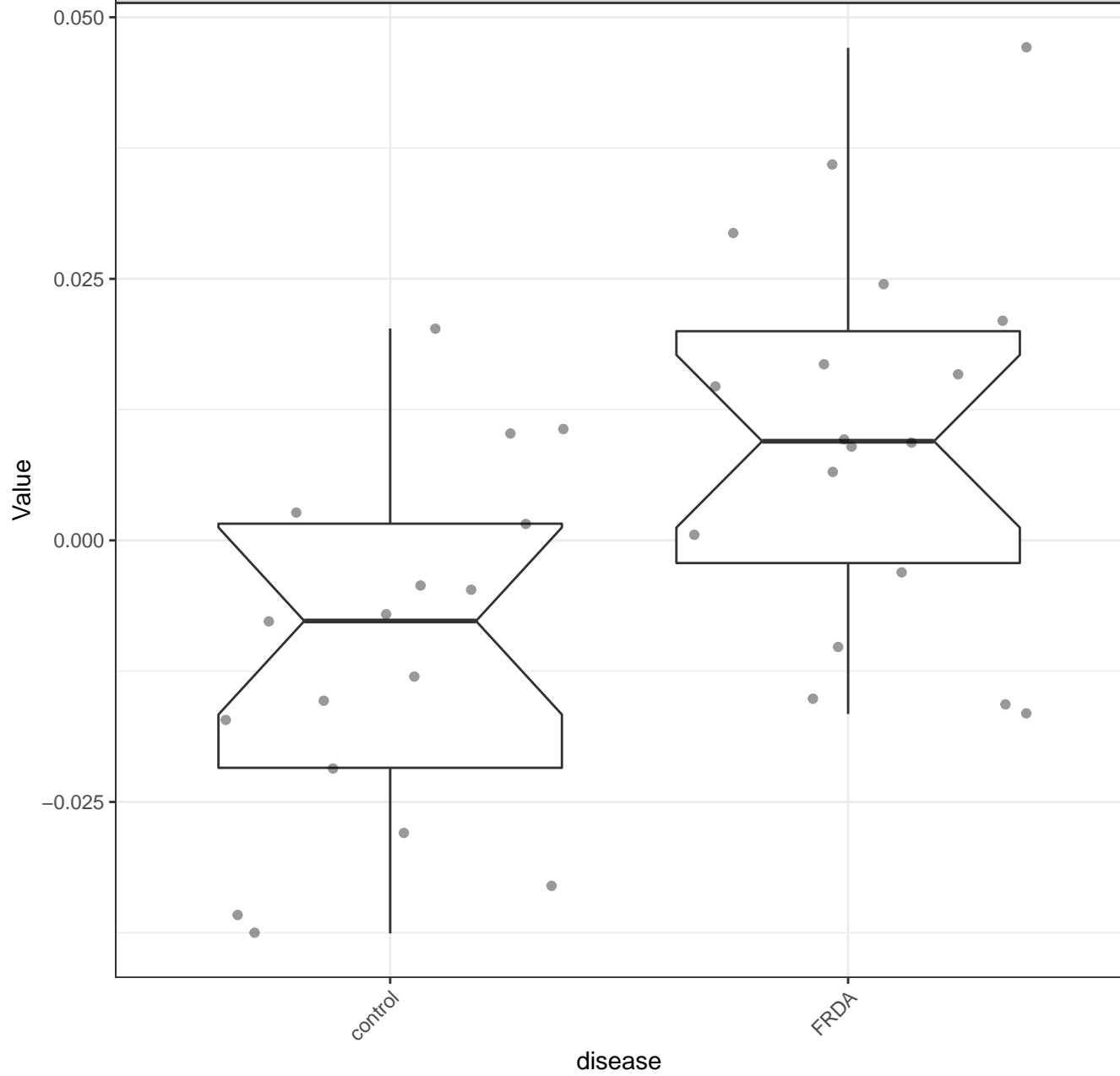


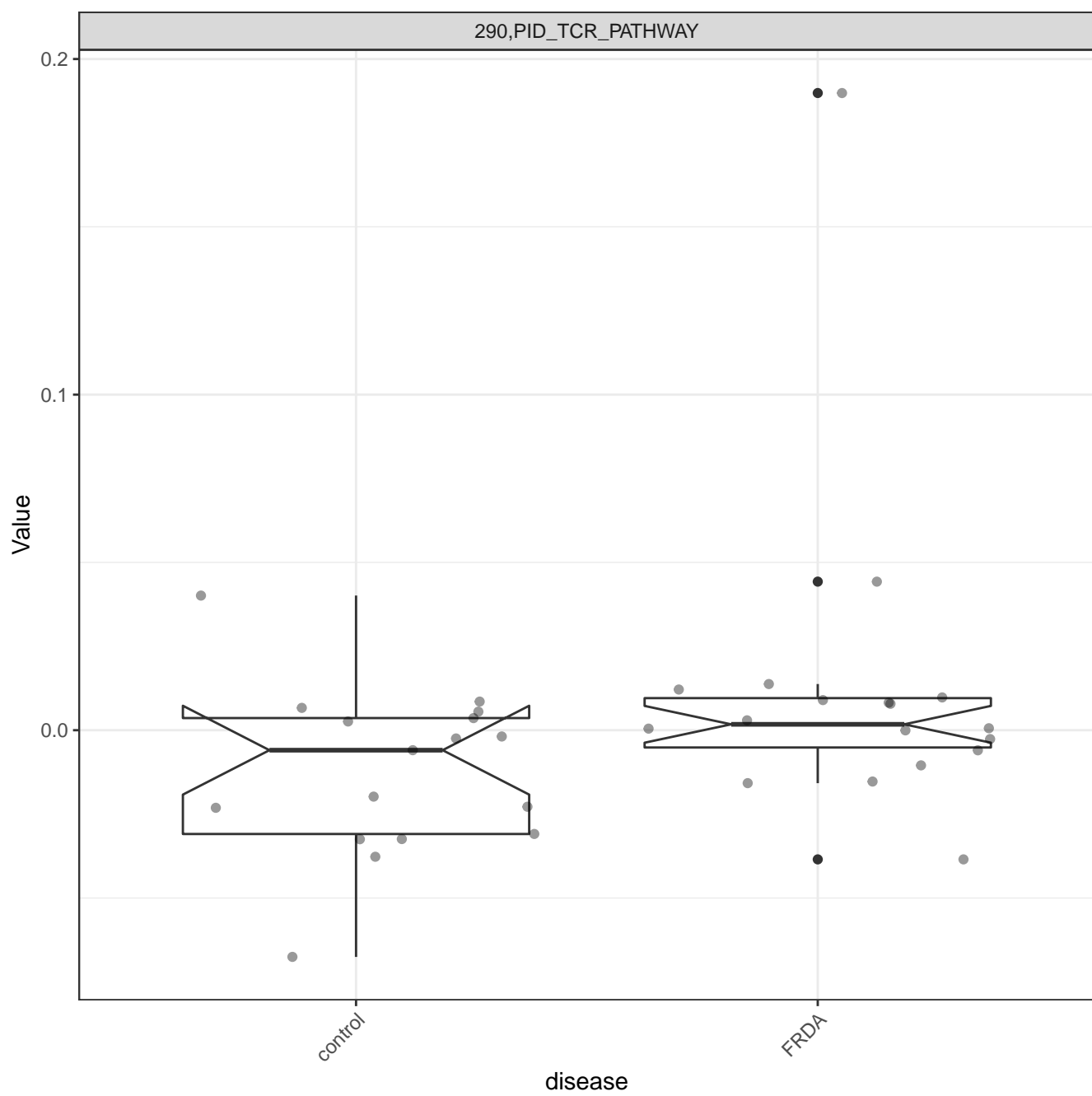












Value

0.050

0.025

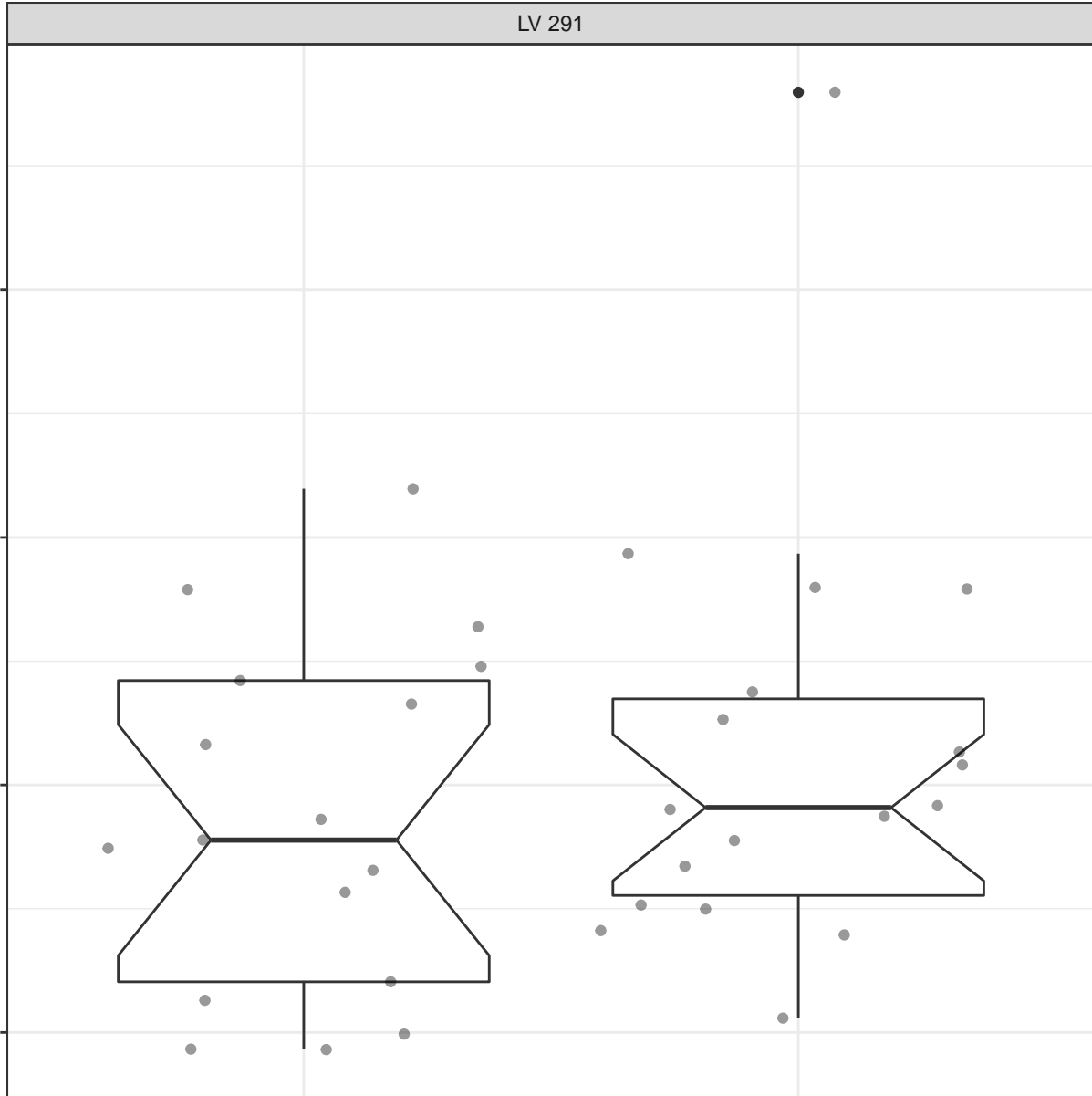
0.000

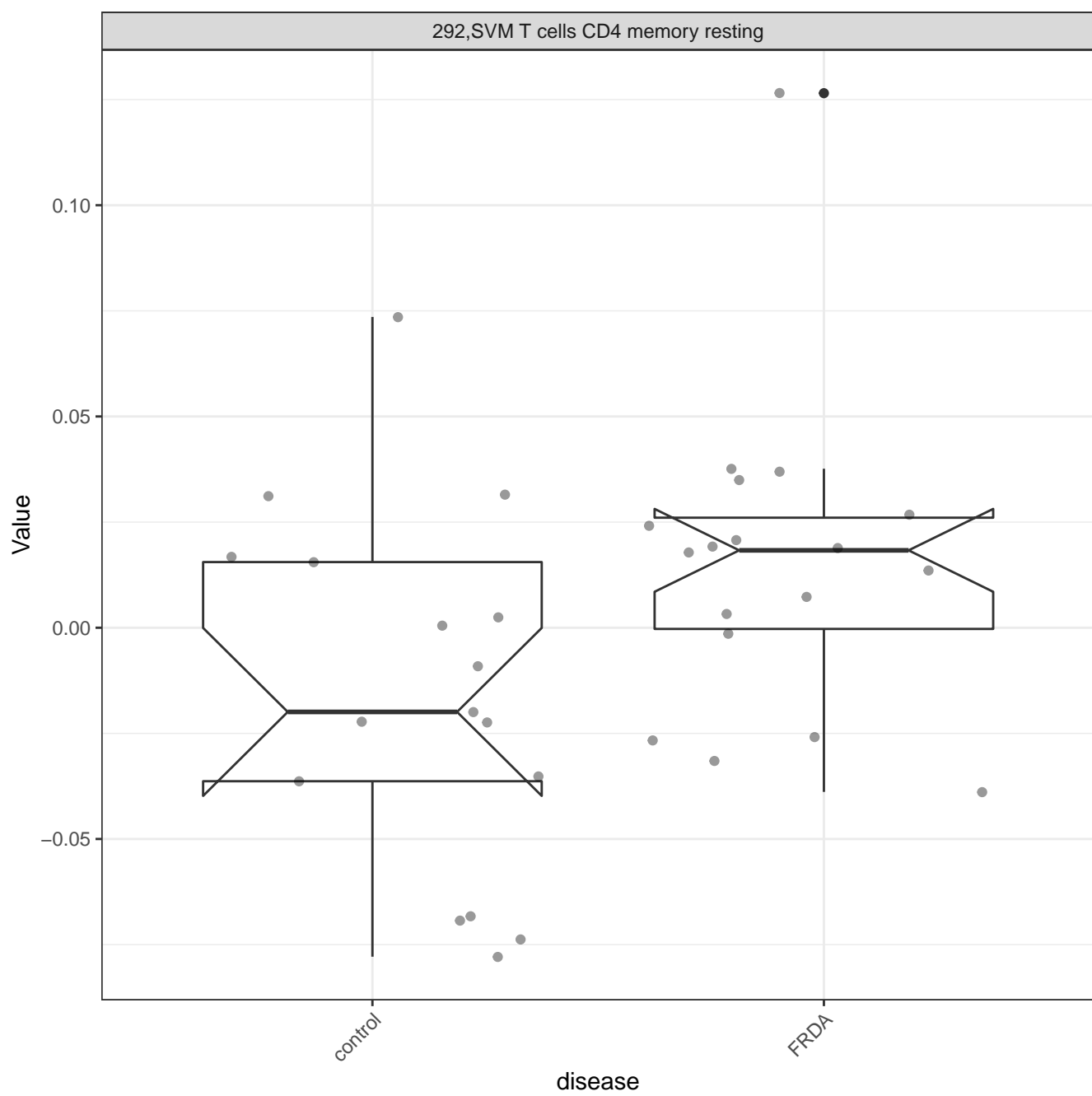
-0.025

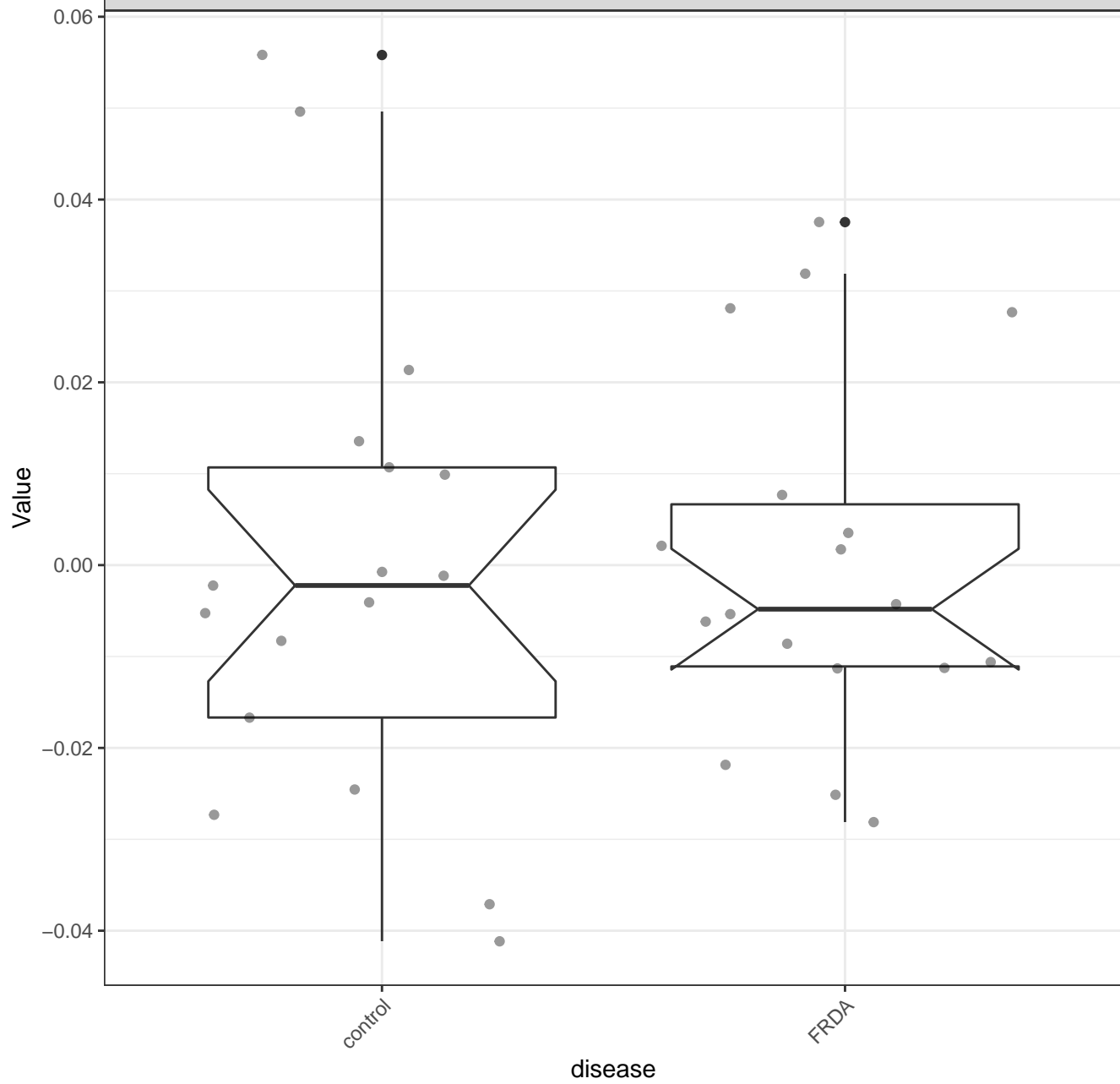
control

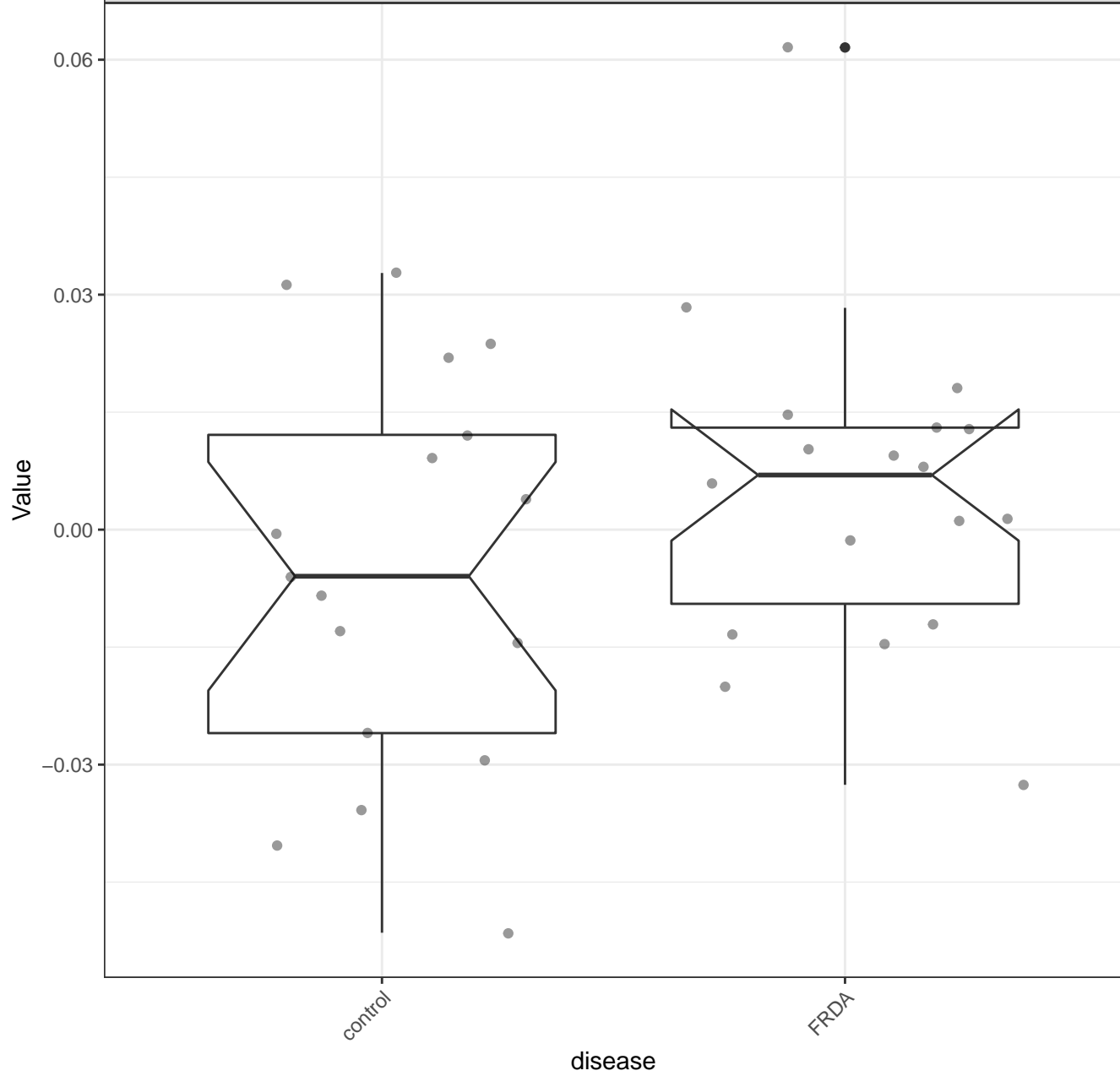
FRDA

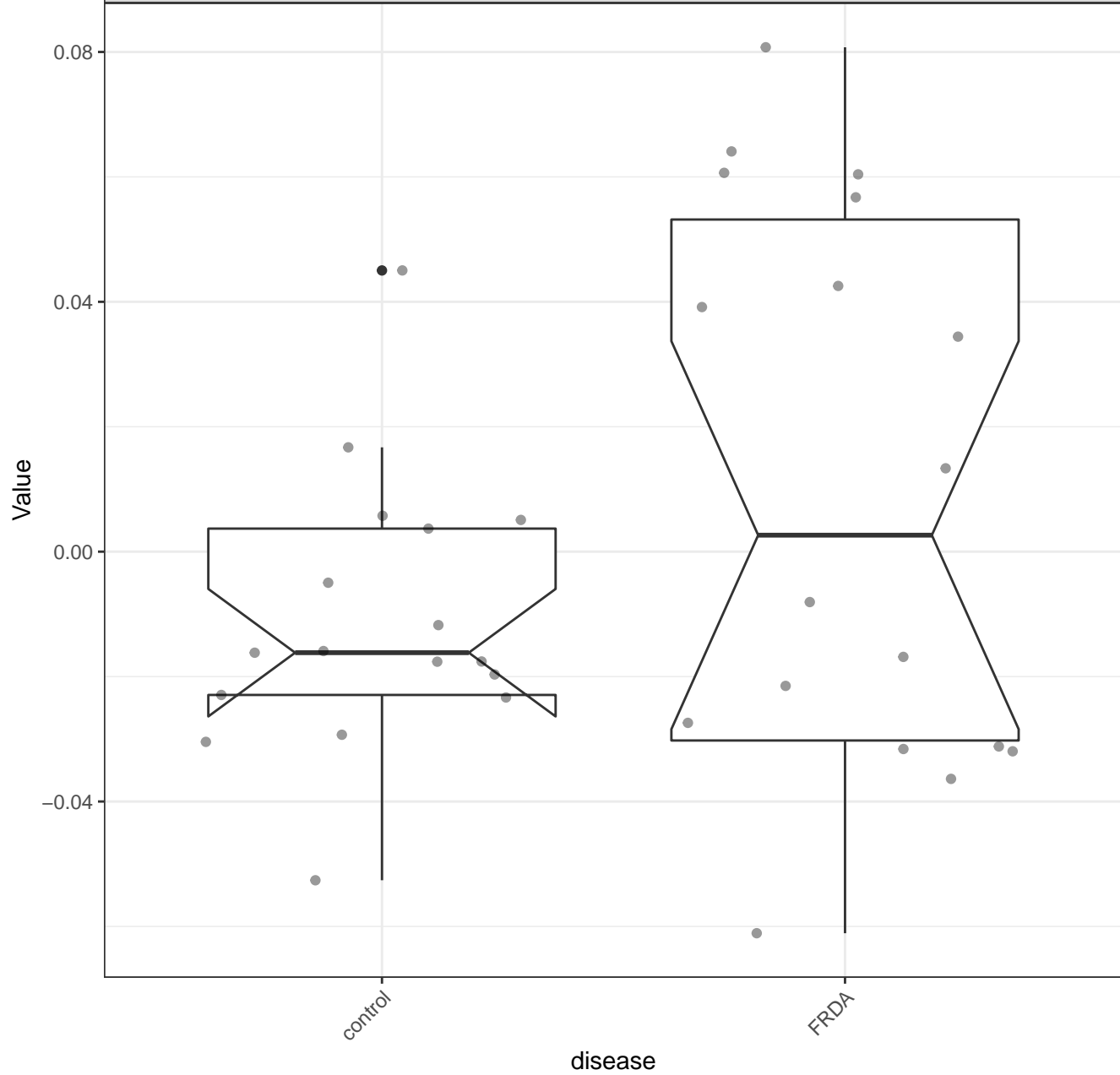
disease

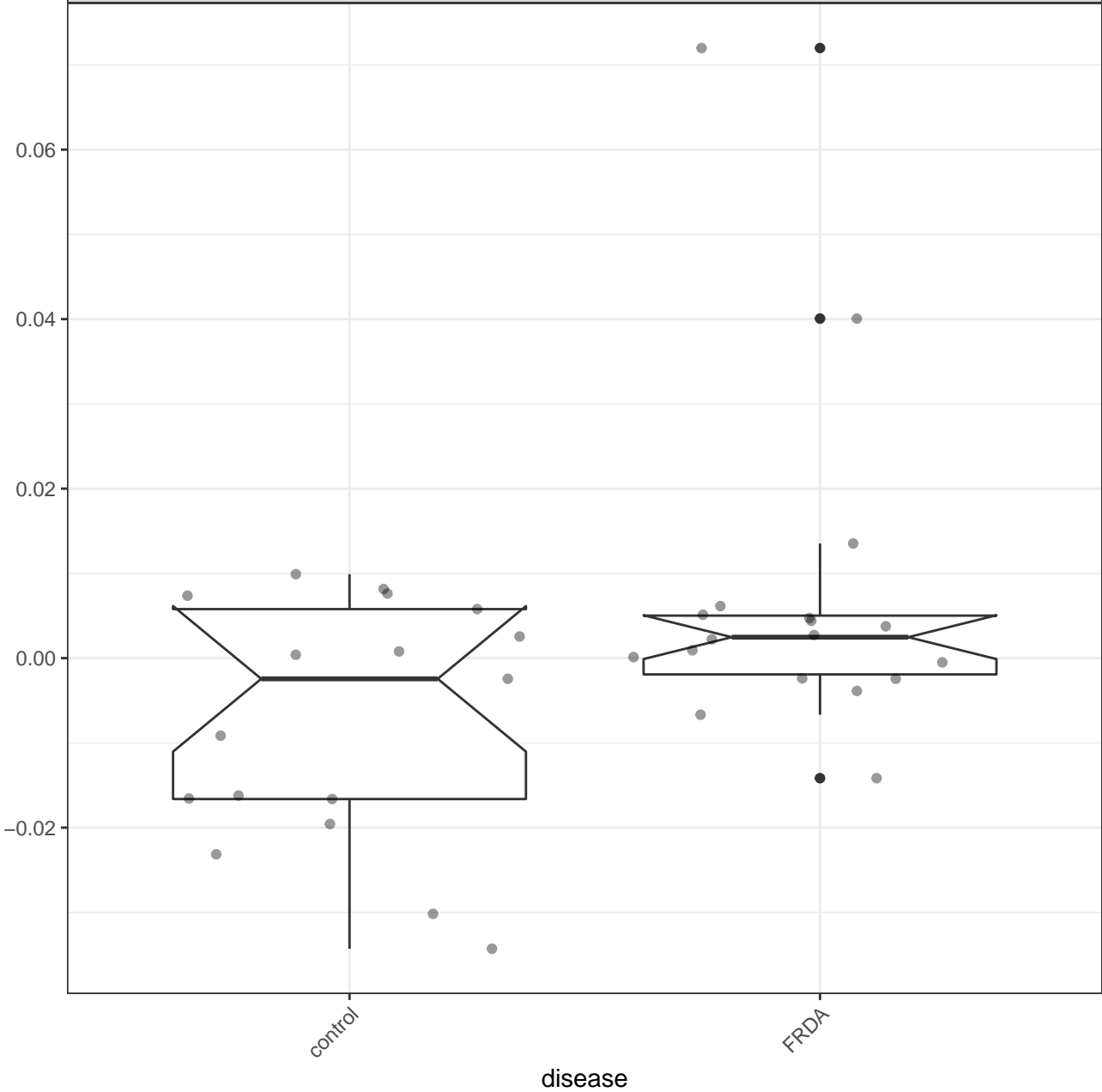




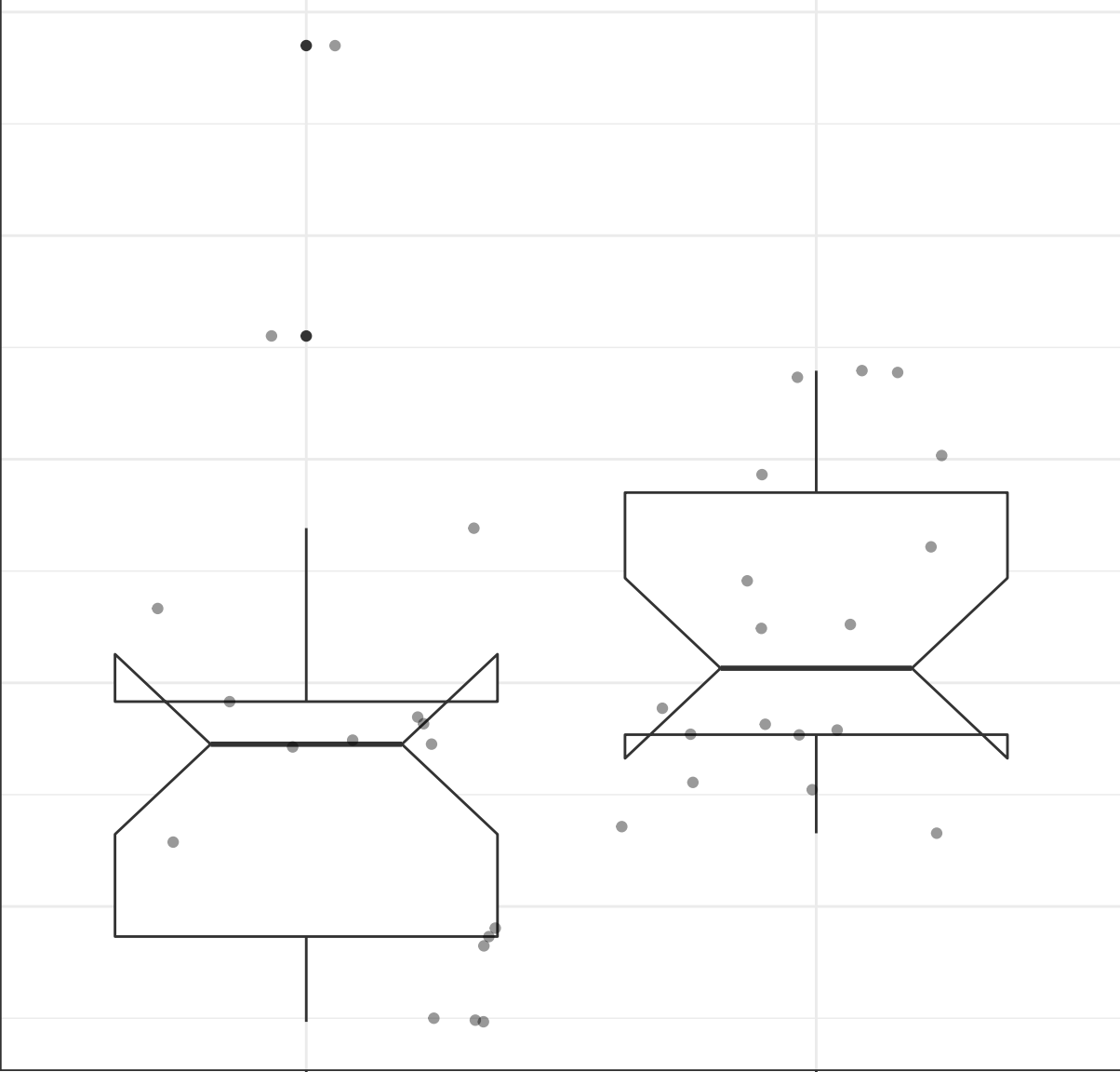












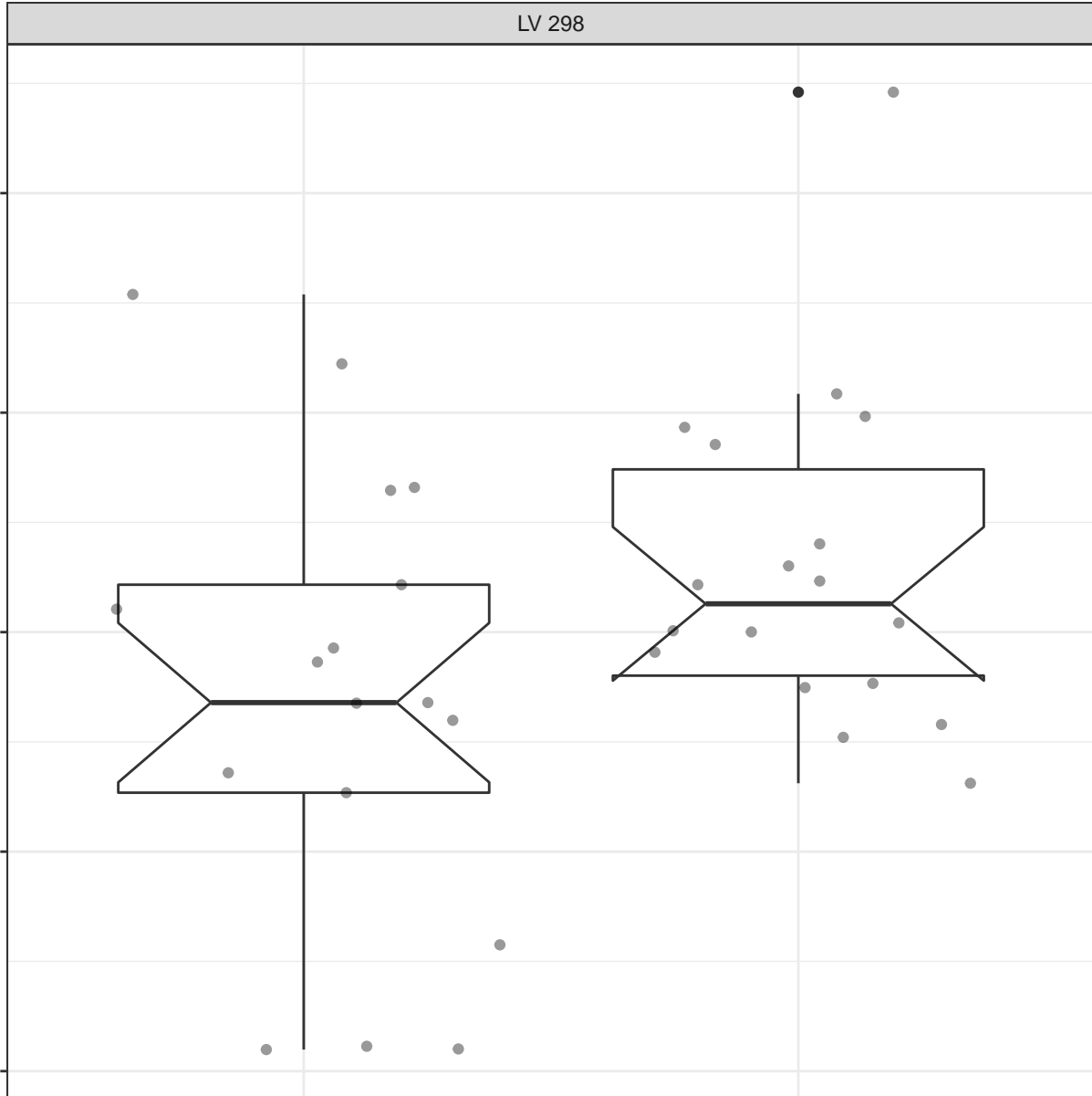
Value

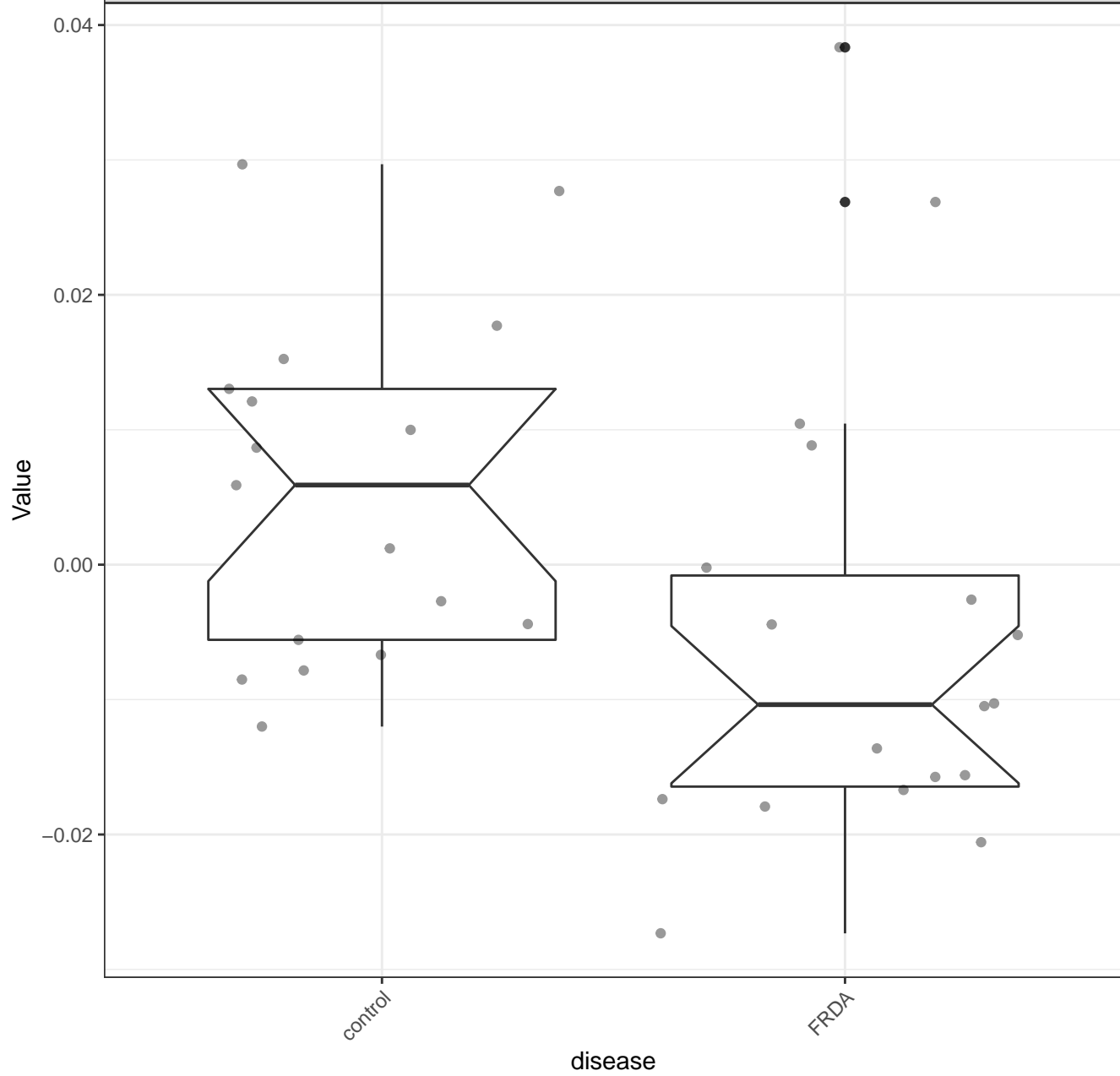
0.050  
0.025  
0.000  
-0.025  
-0.050

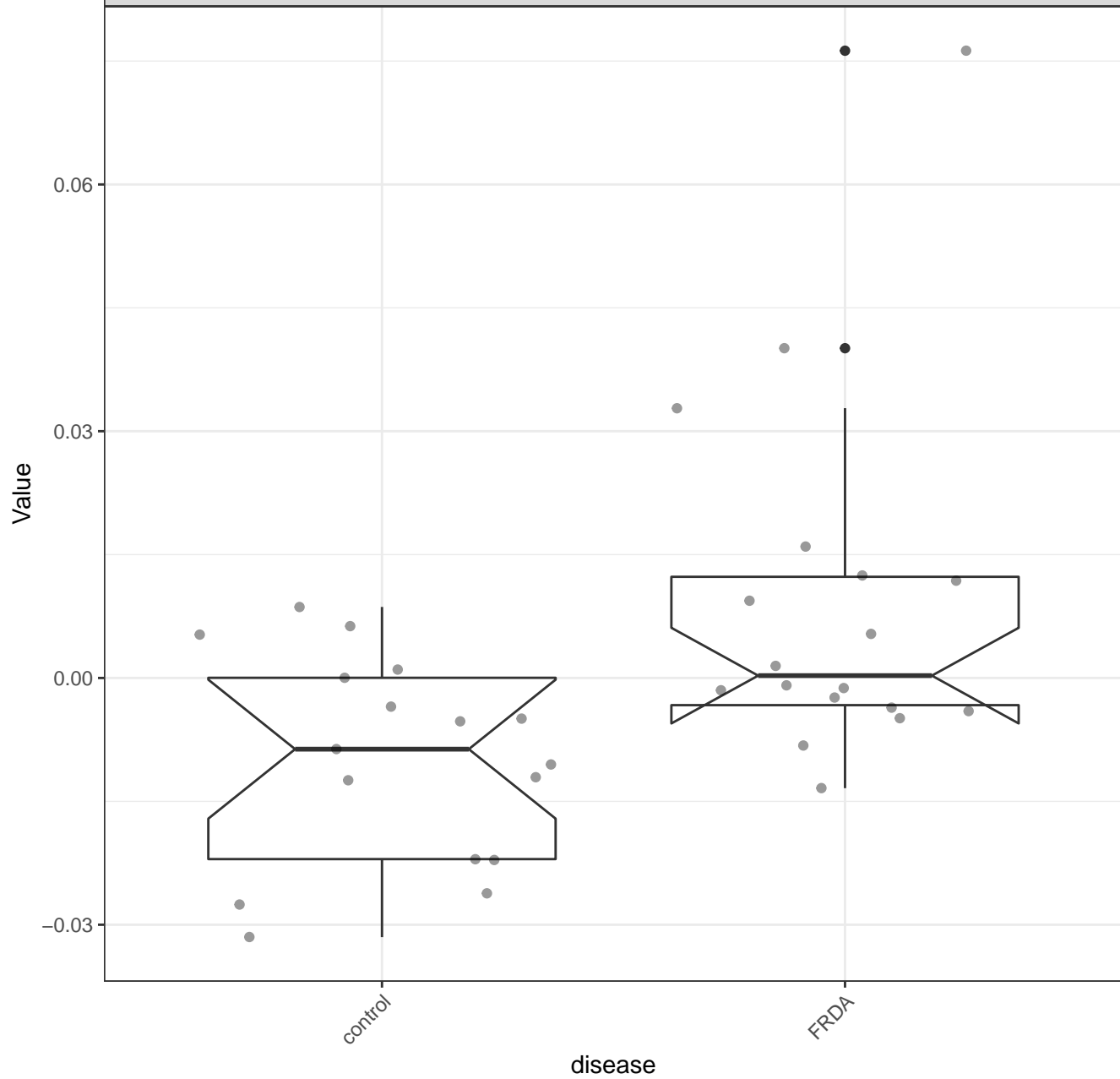
control

FRDA

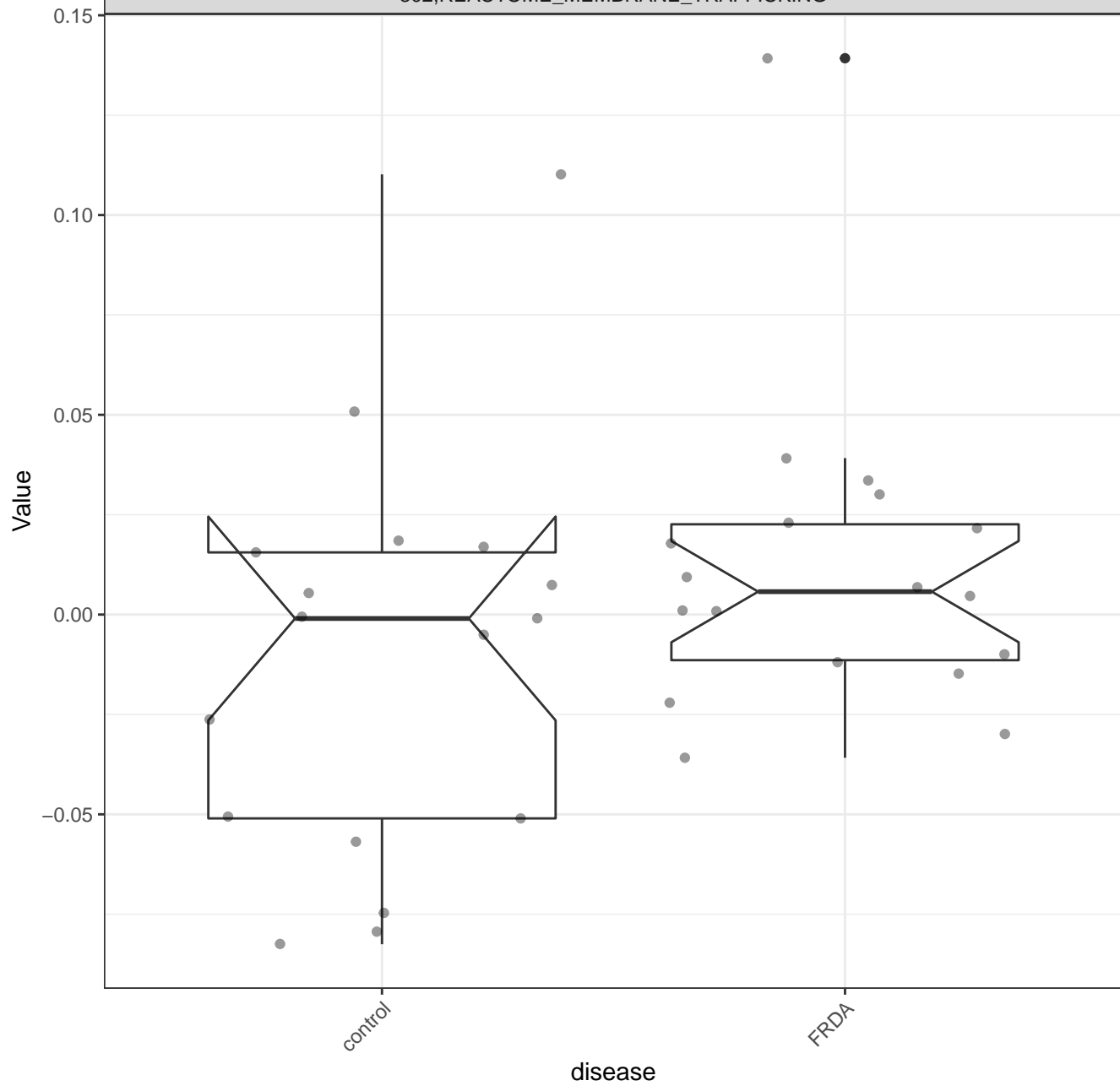
disease

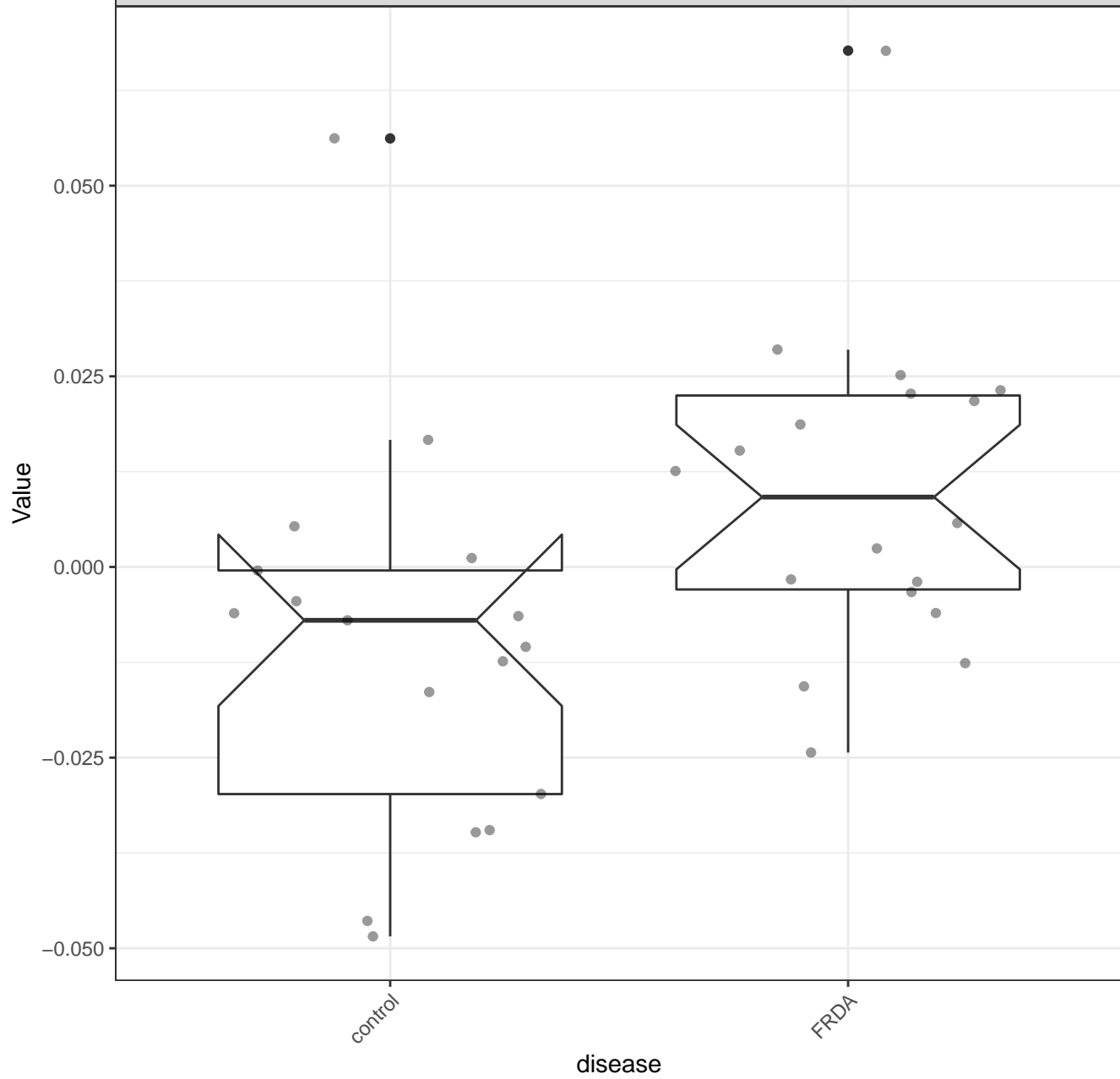












Value

0.10

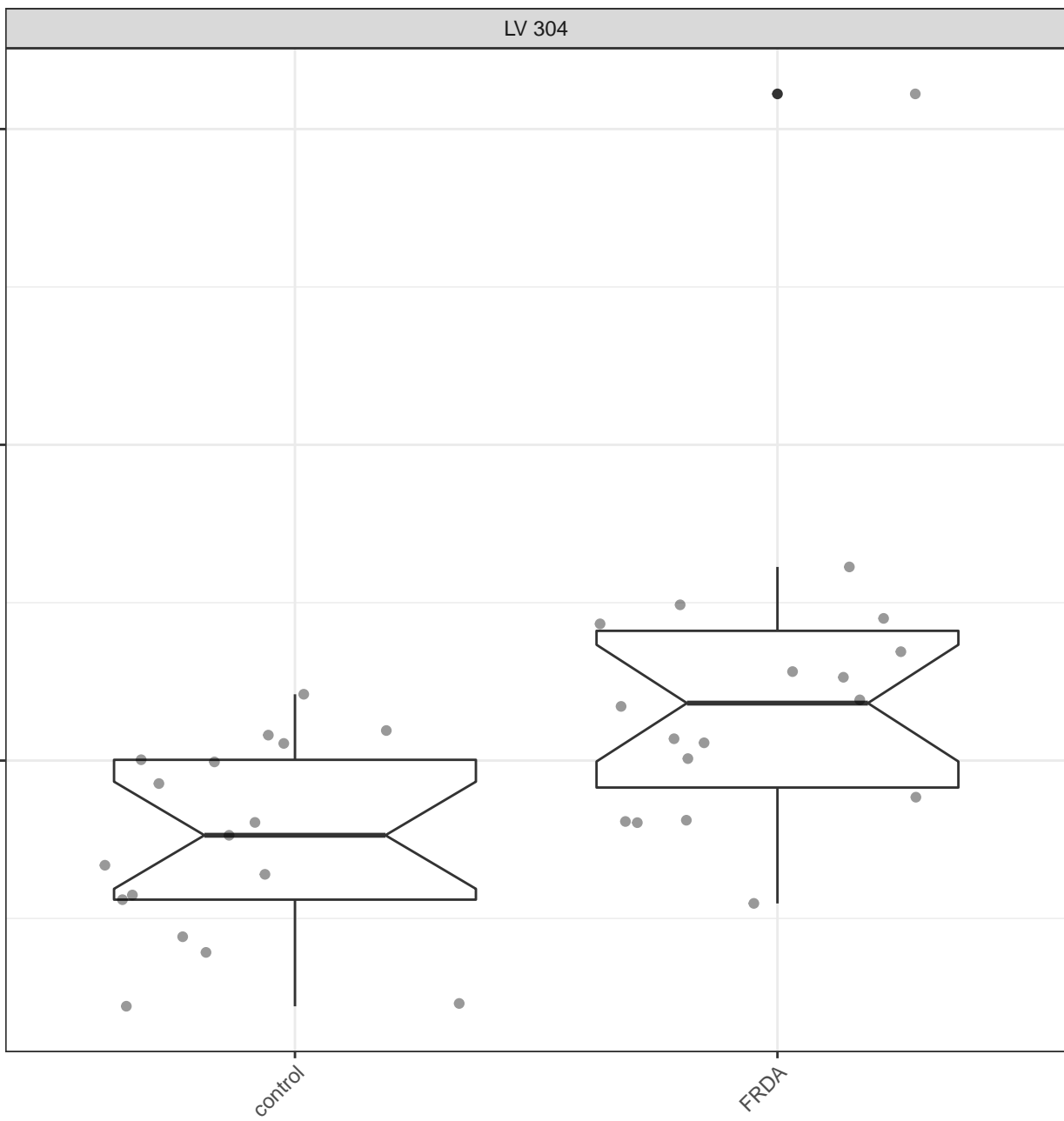
0.05

0.00

control

disease

FRDA





Value

0.050

0.025

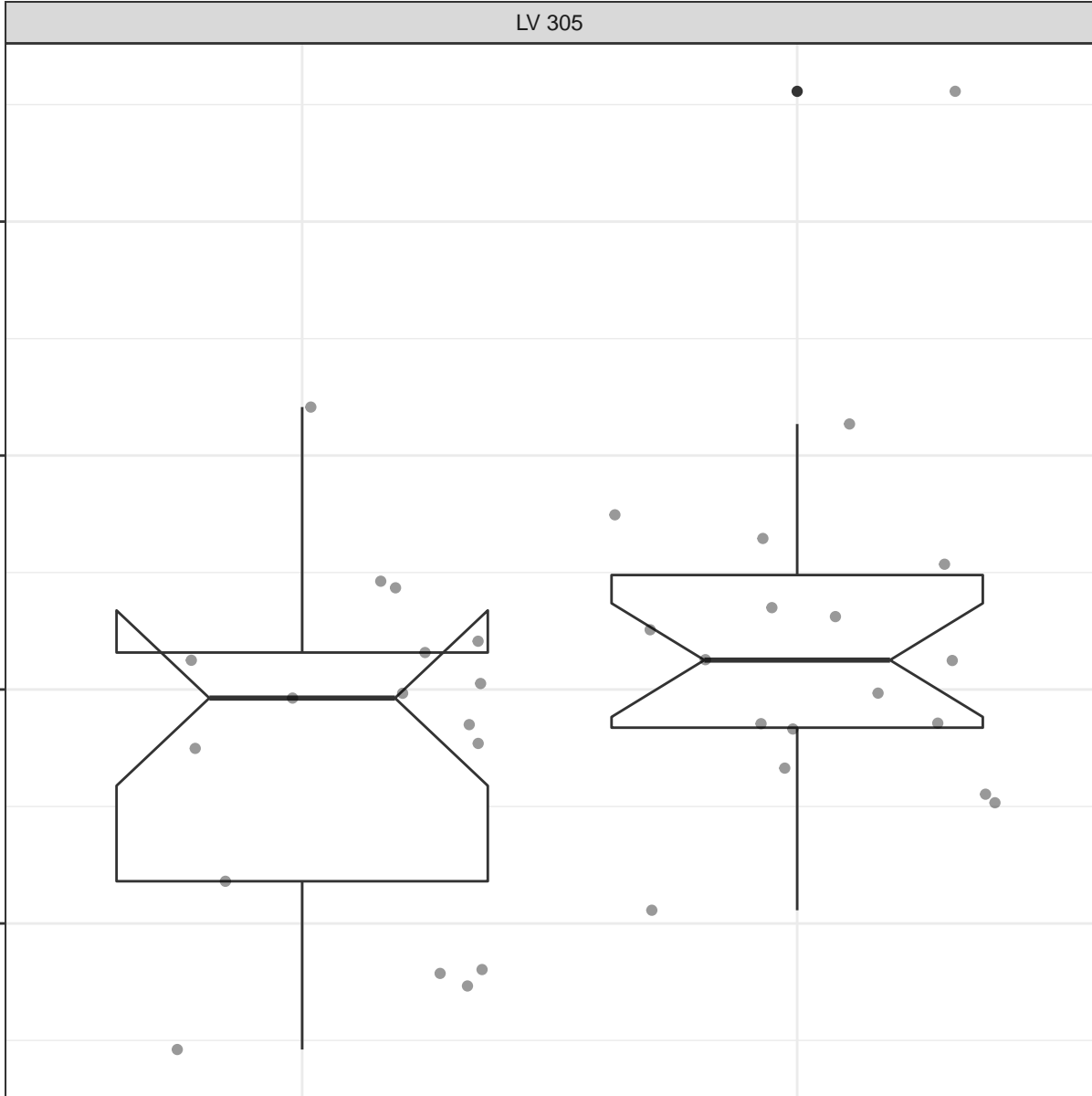
0.000

-0.025

control

FRDA

disease



Value

0.10

0.05

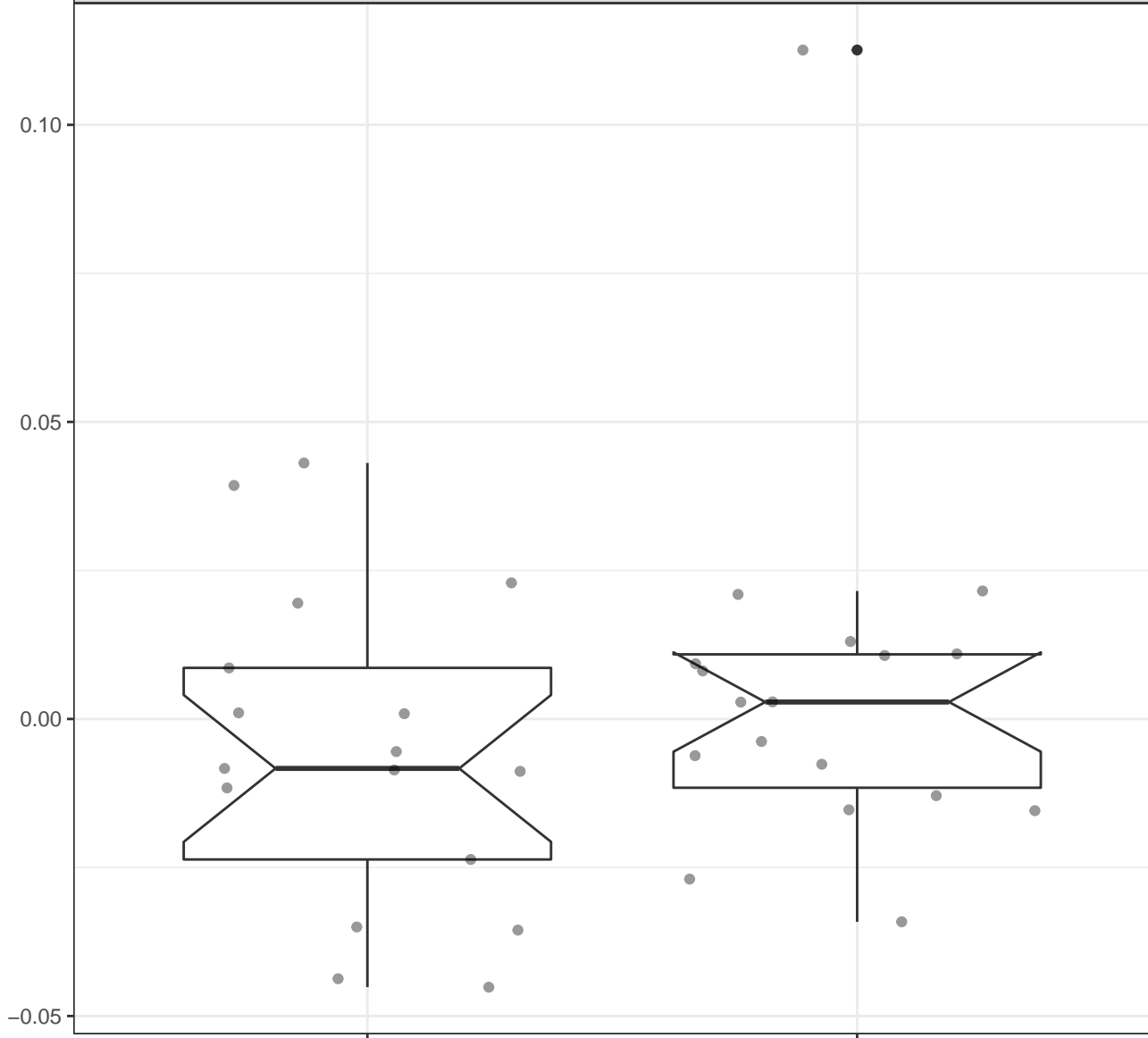
0.00

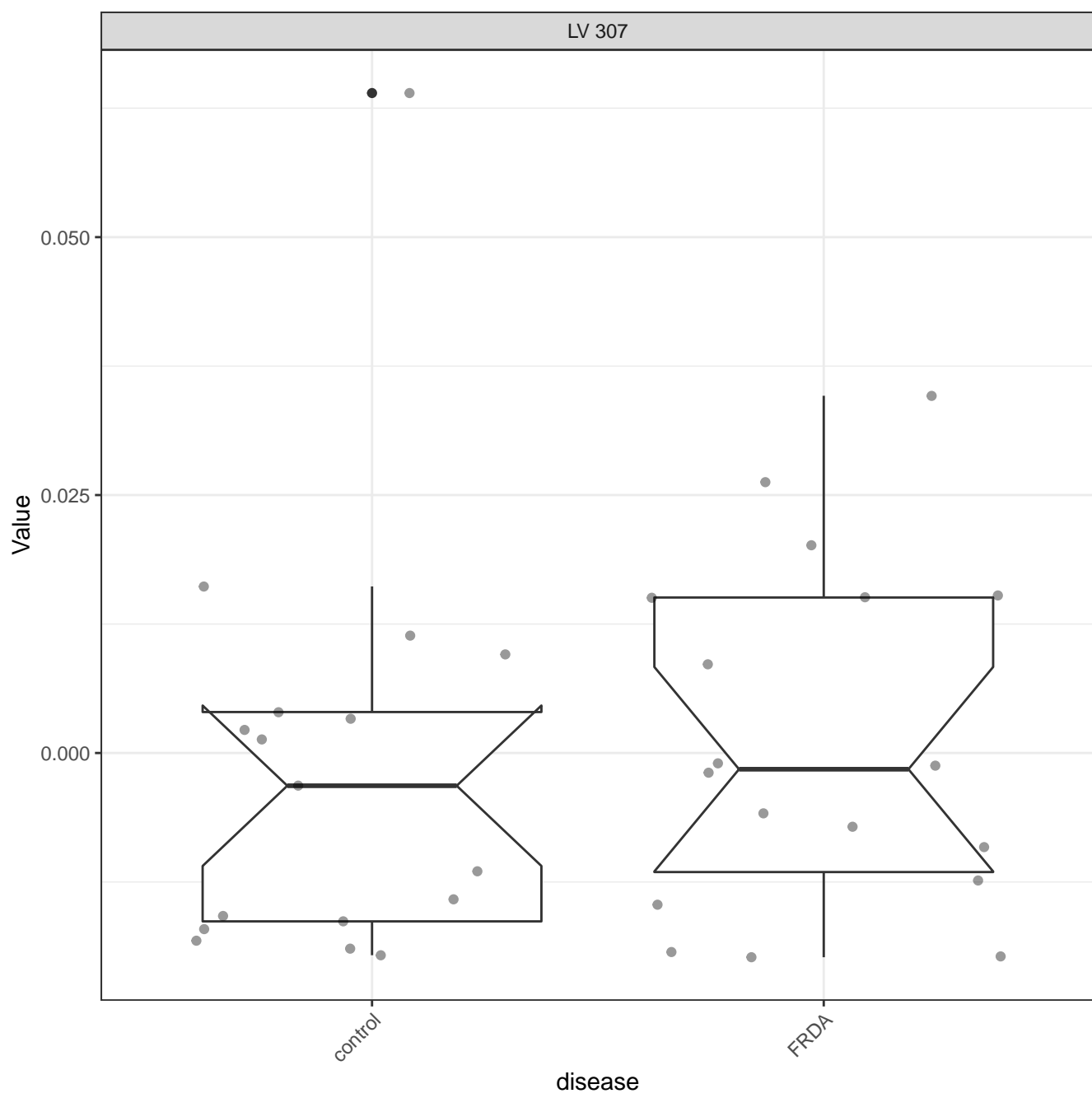
-0.05

control

FRDA

disease





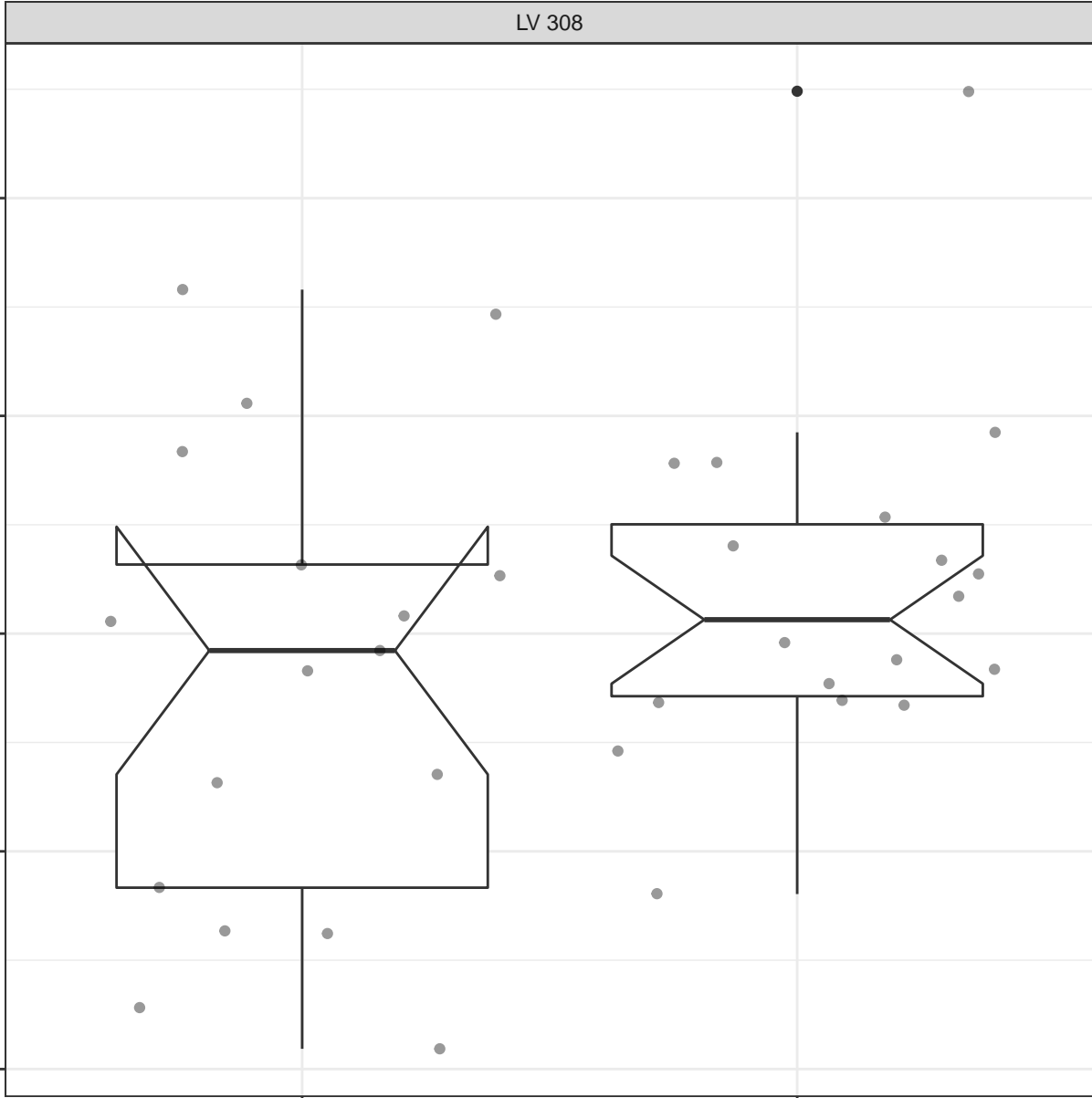
Value

0.050  
0.025  
0.000  
-0.025  
-0.050

control

disease

FRDA

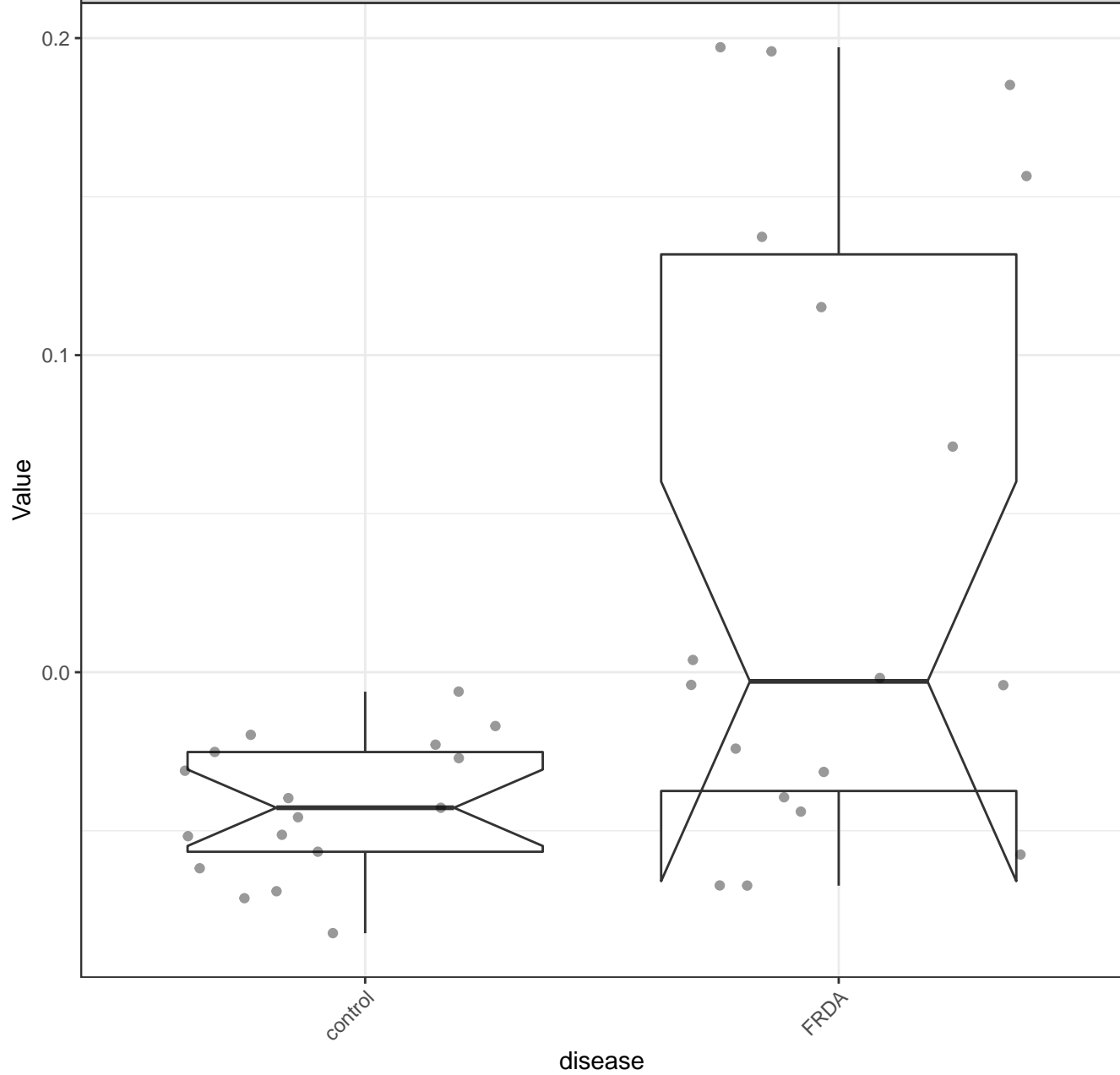




control

FRDA

disease



Value

-0.025

0.000

0.025

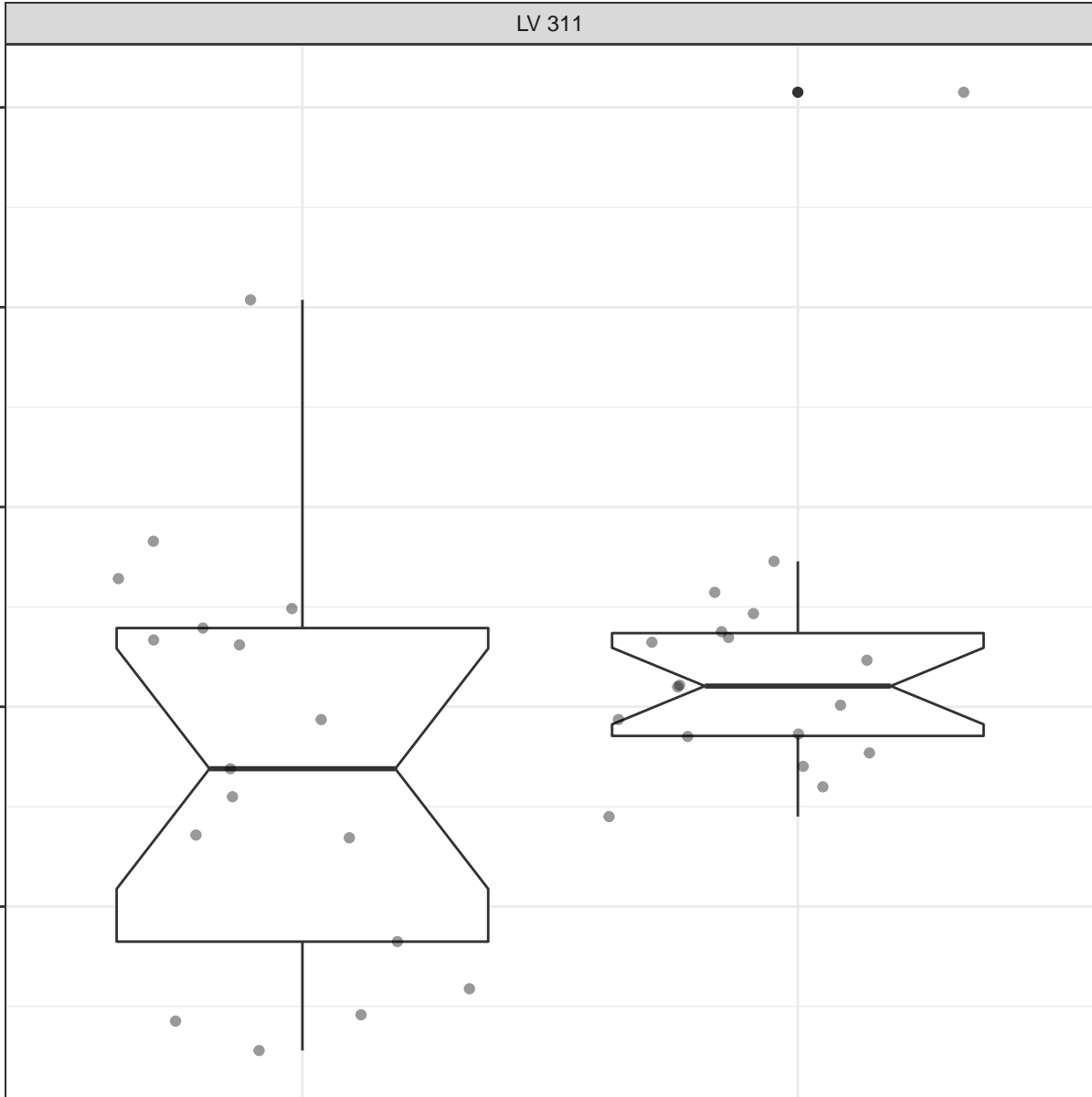
0.050

0.075

control

FRDA

disease





control

FRDA

disease



Value

0.050

0.025

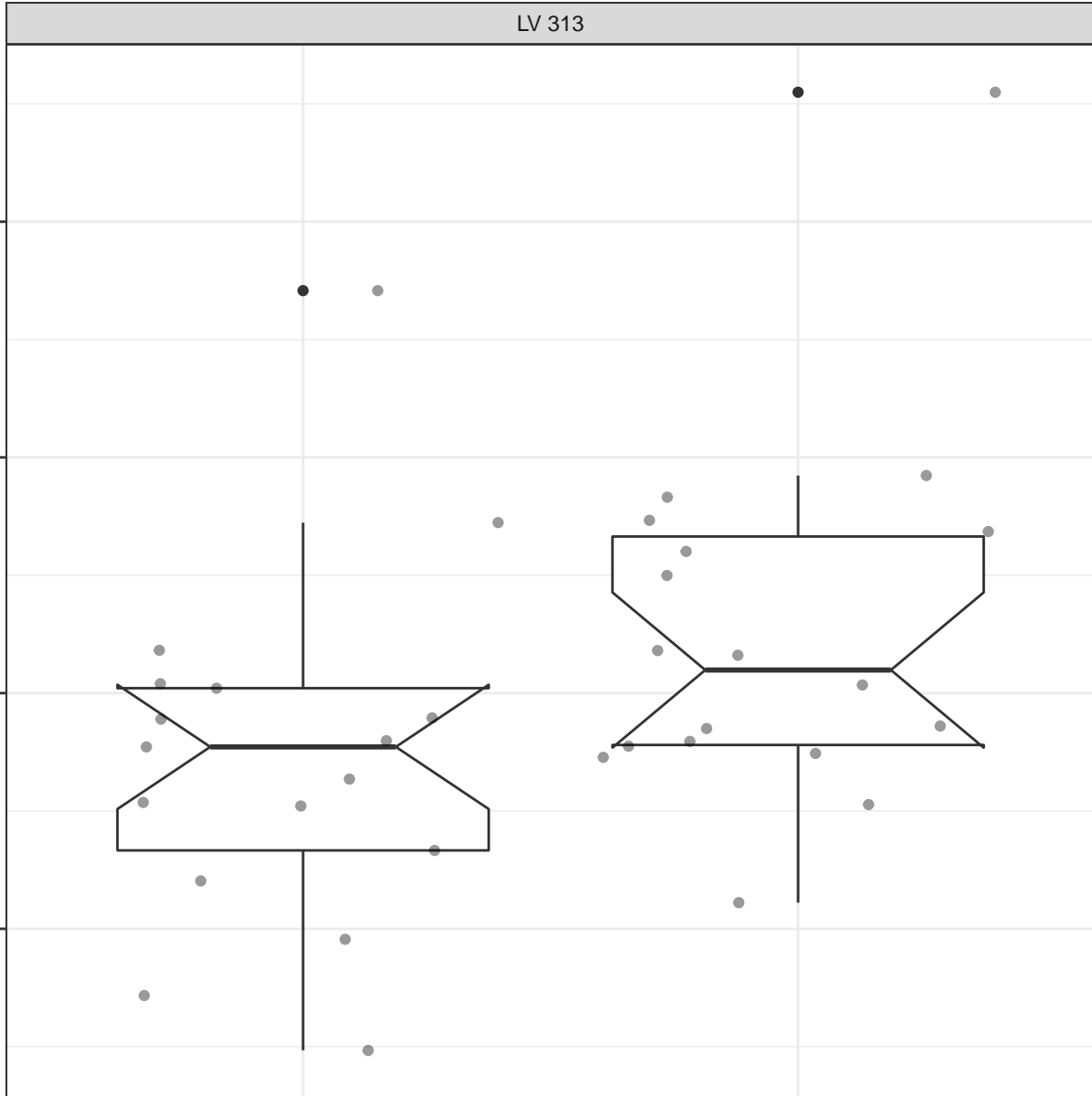
0.000

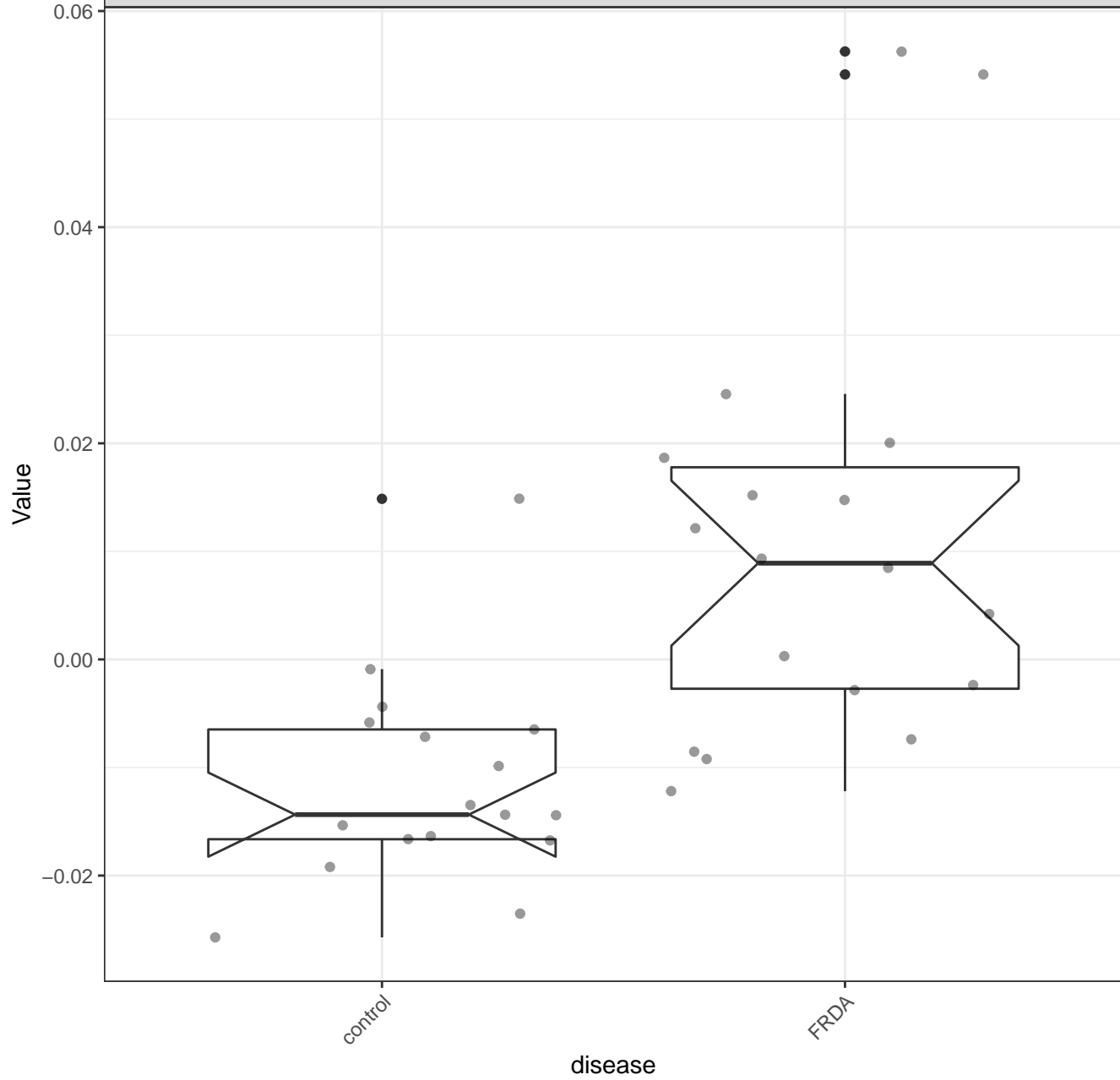
-0.025

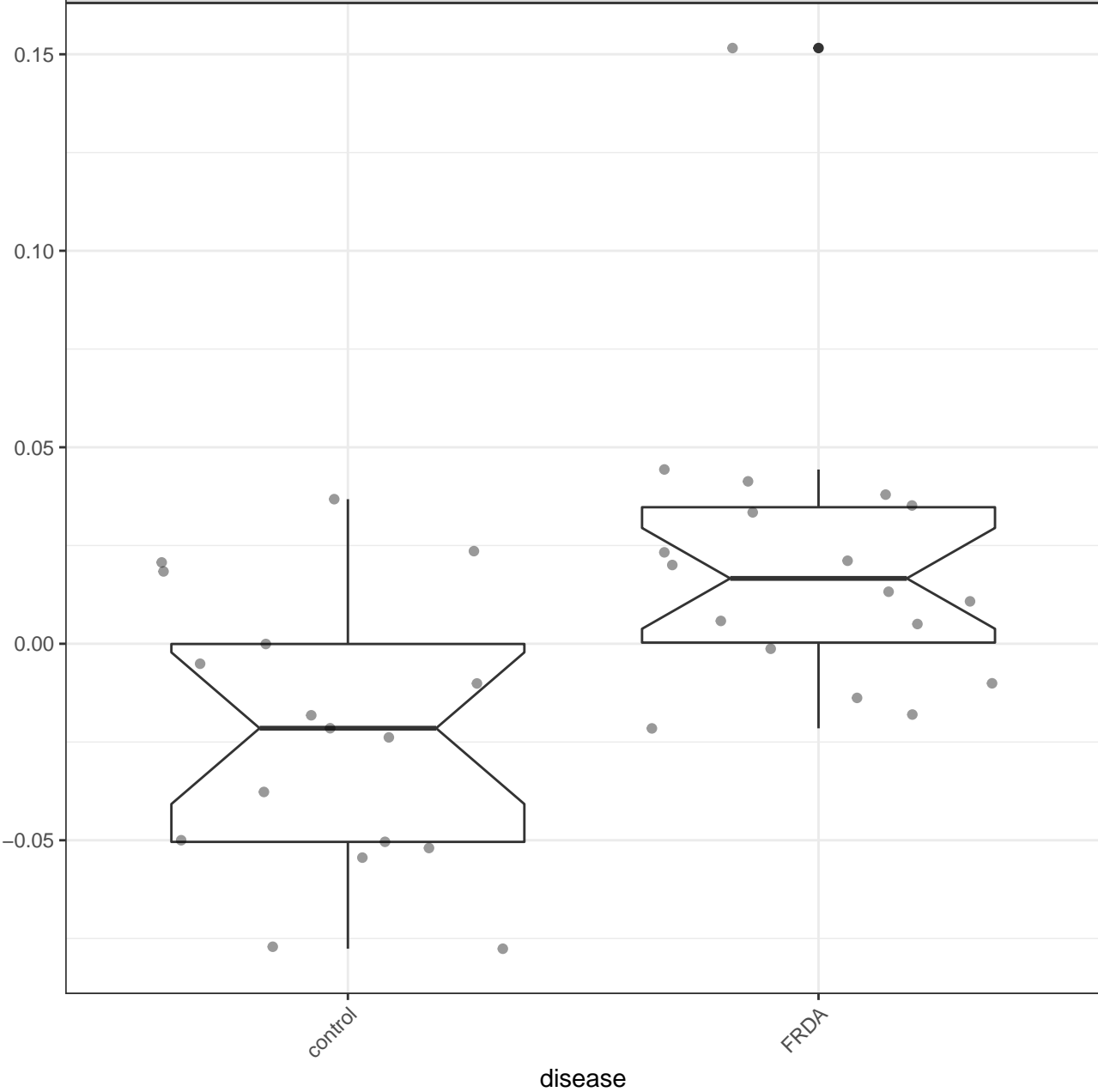
control

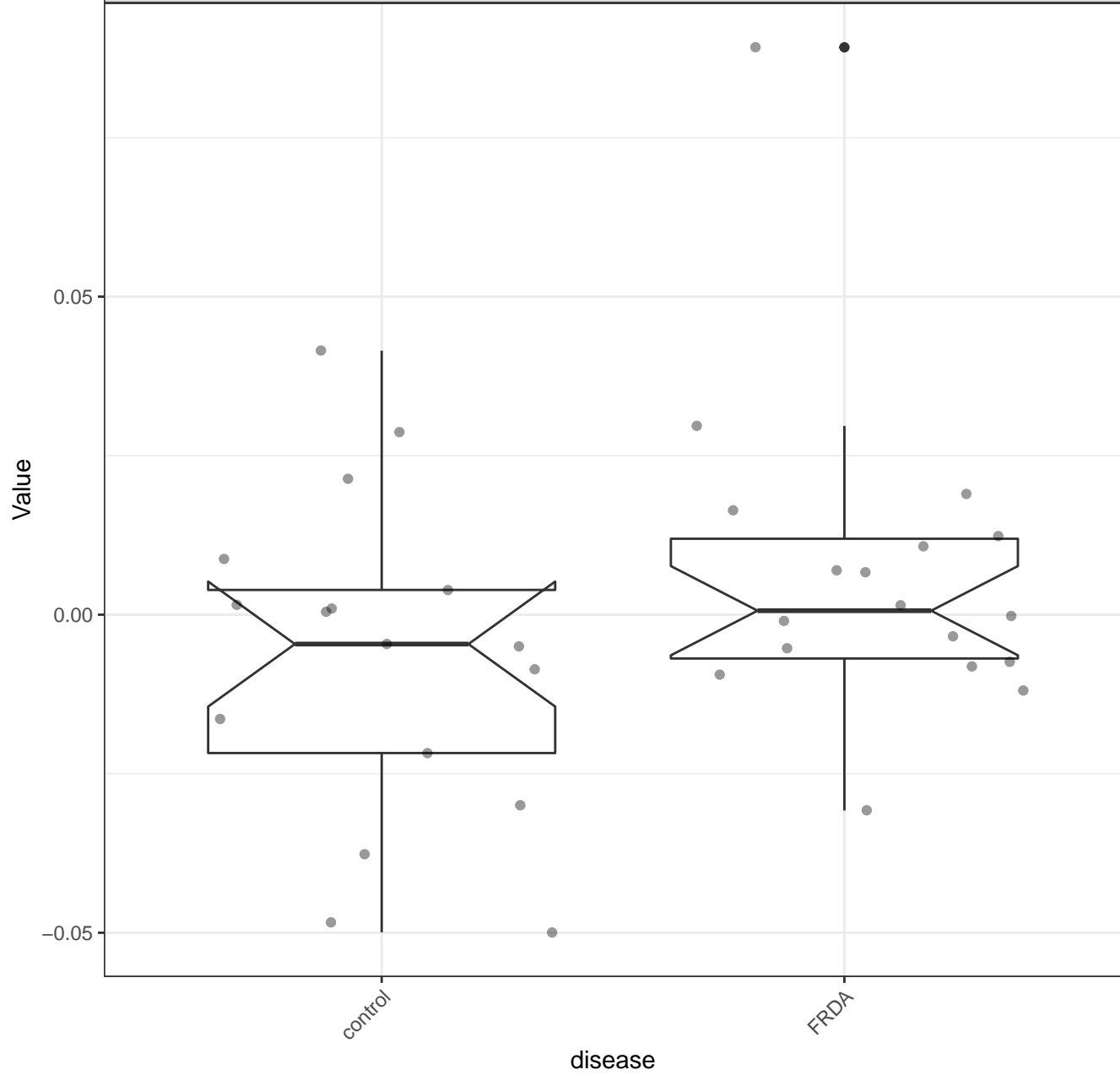
FRDA

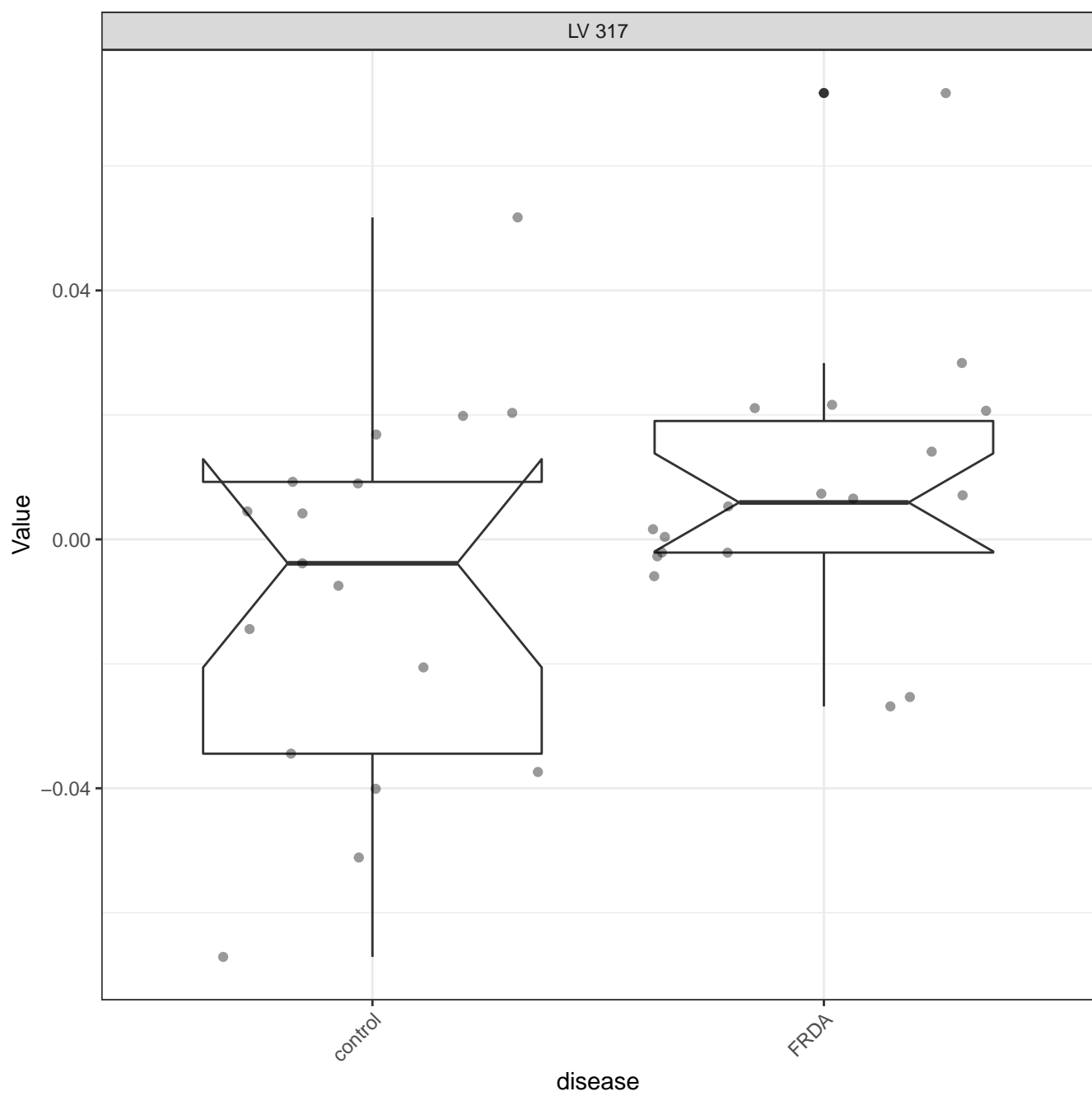
disease

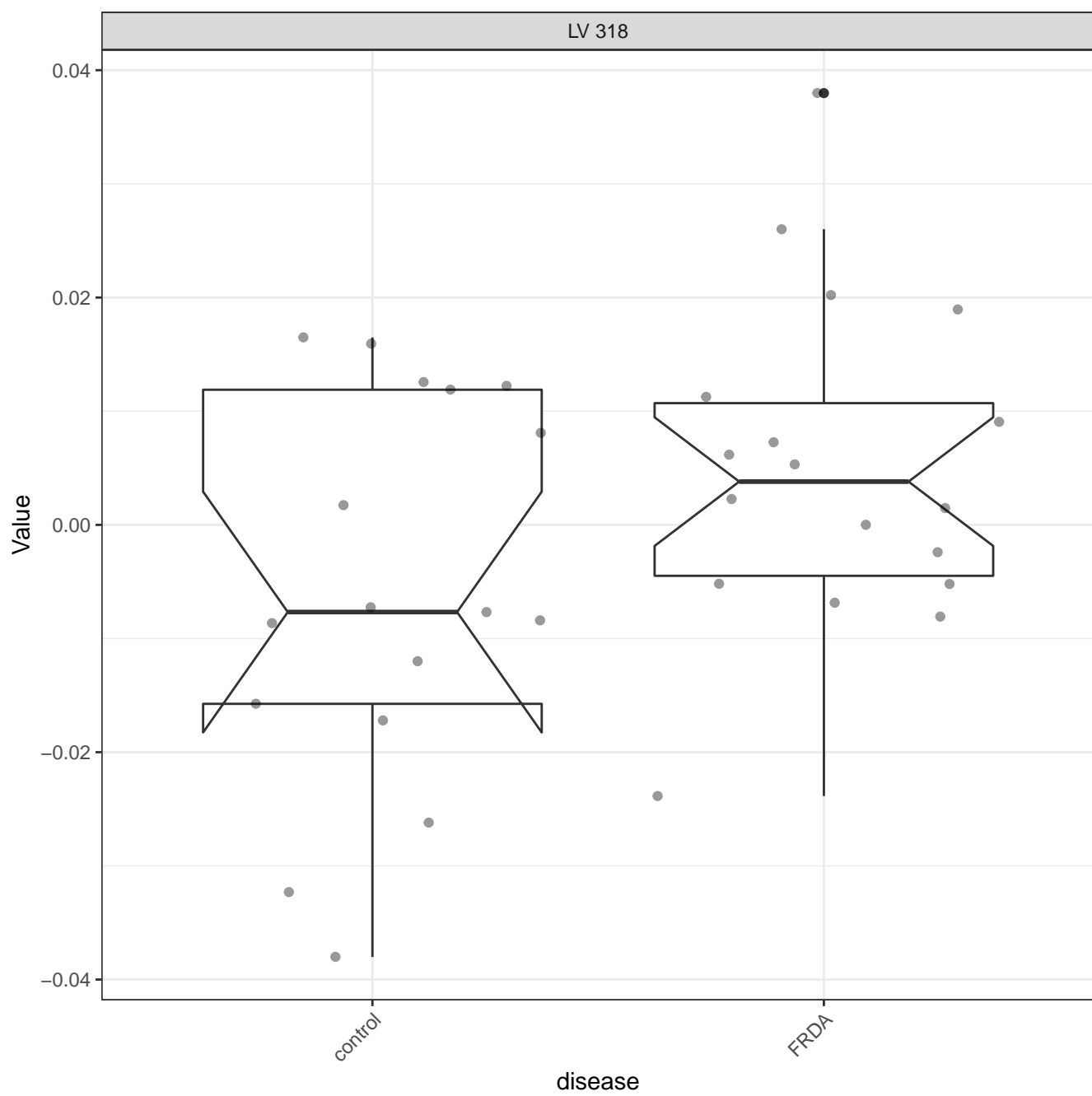


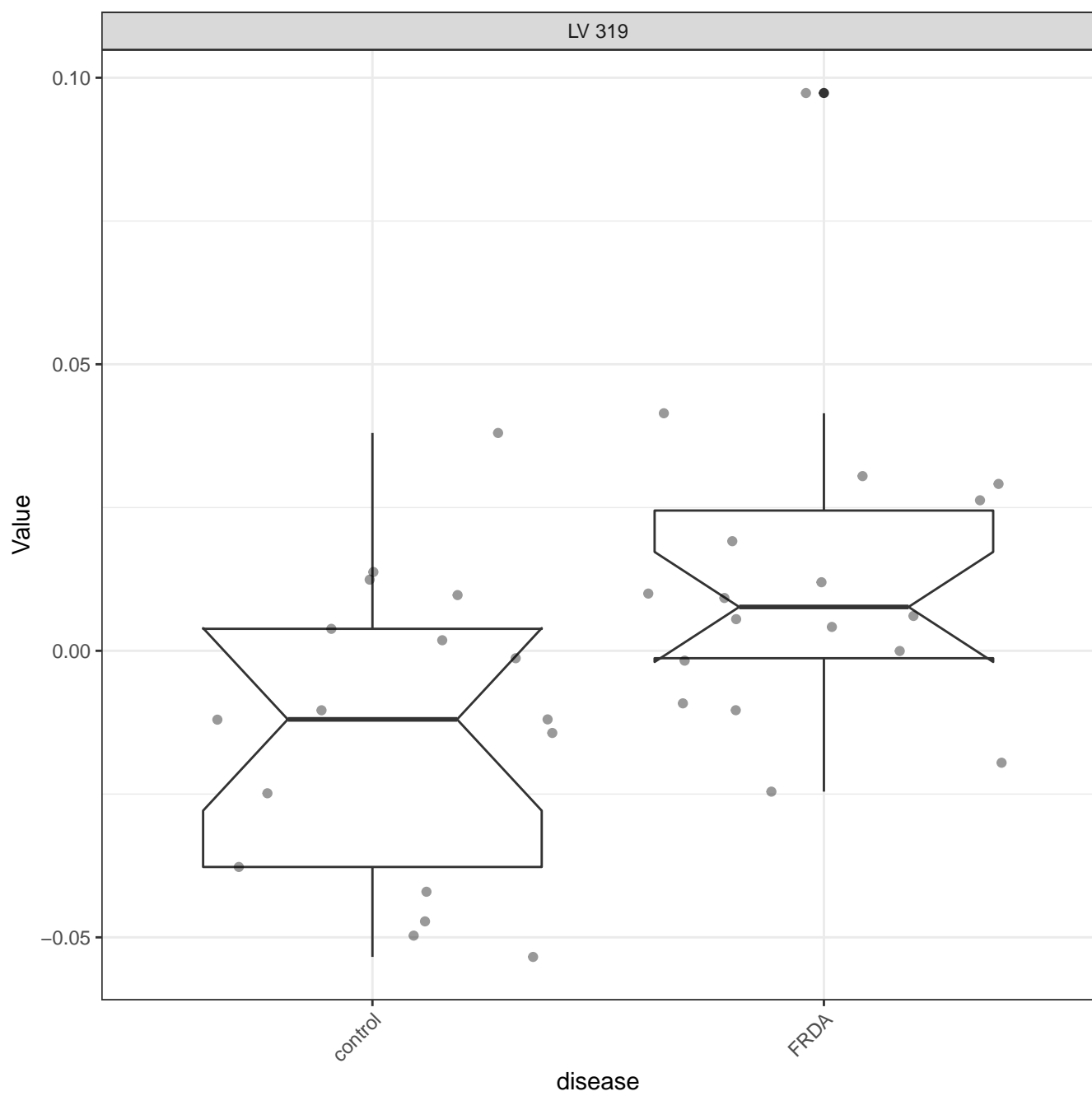


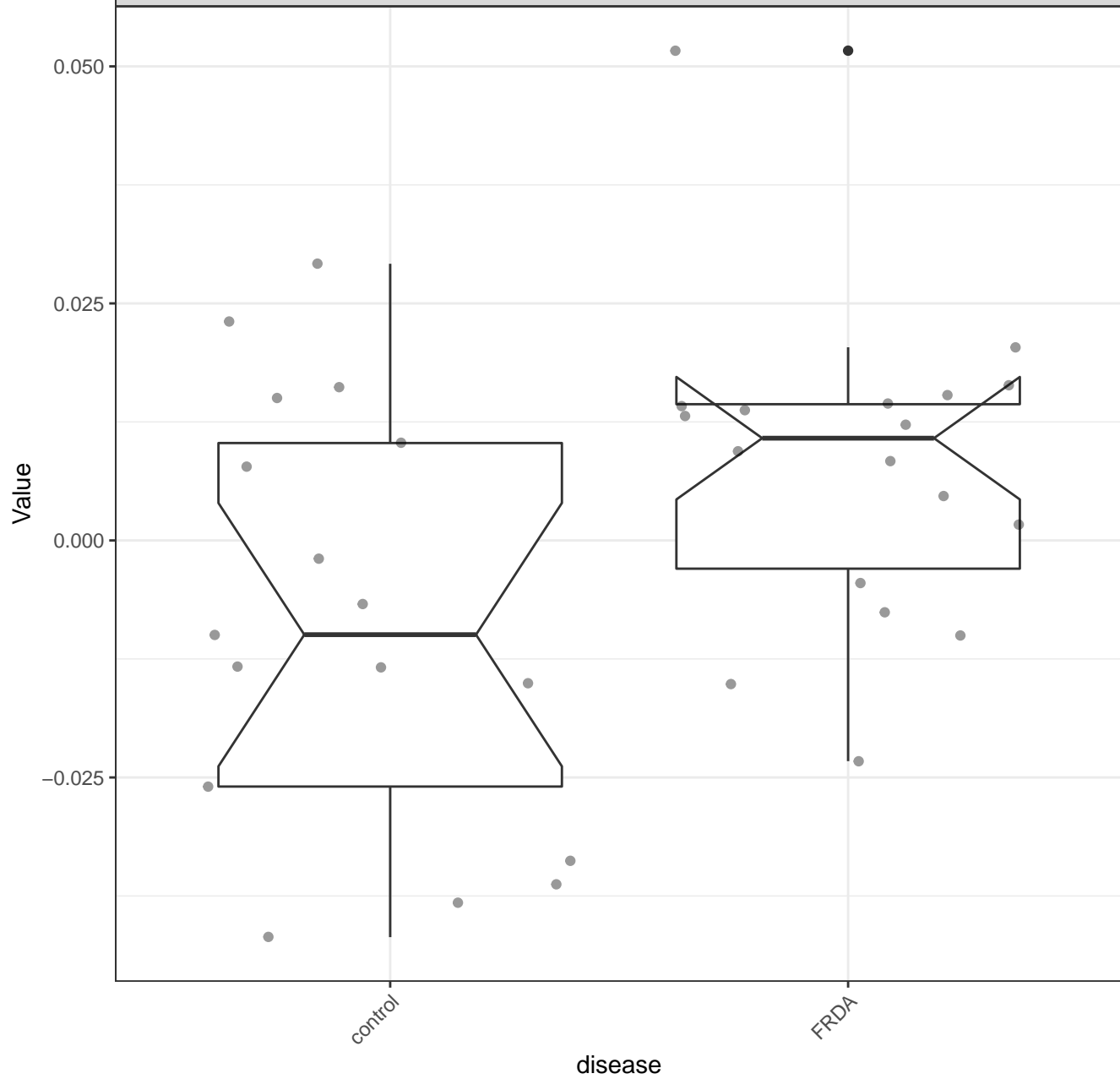














Value

0.050

0.025

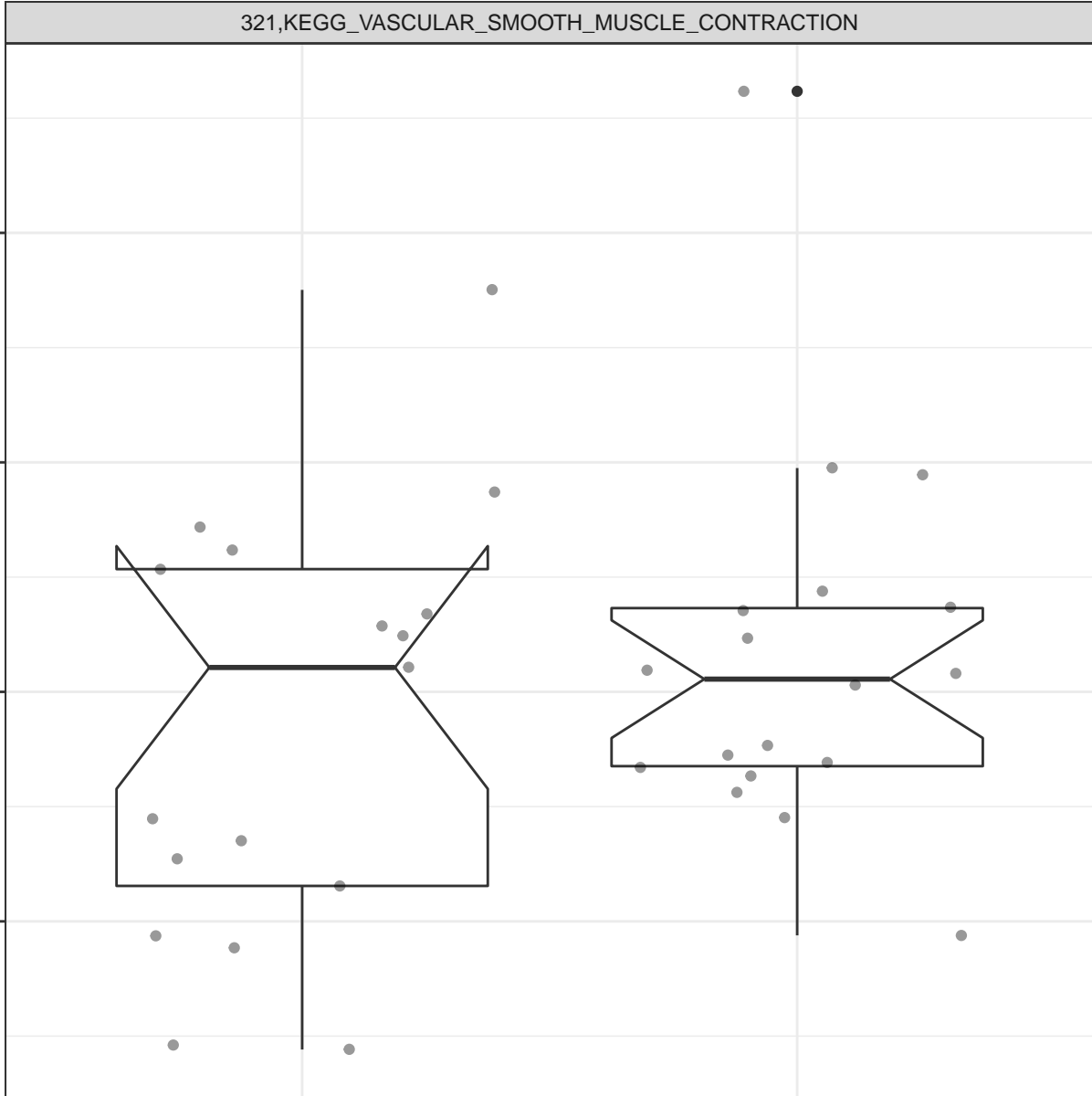
0.000

-0.025

control

disease

FRDA



LV 322
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control

FRDA

disease

Value

0.04

0.02

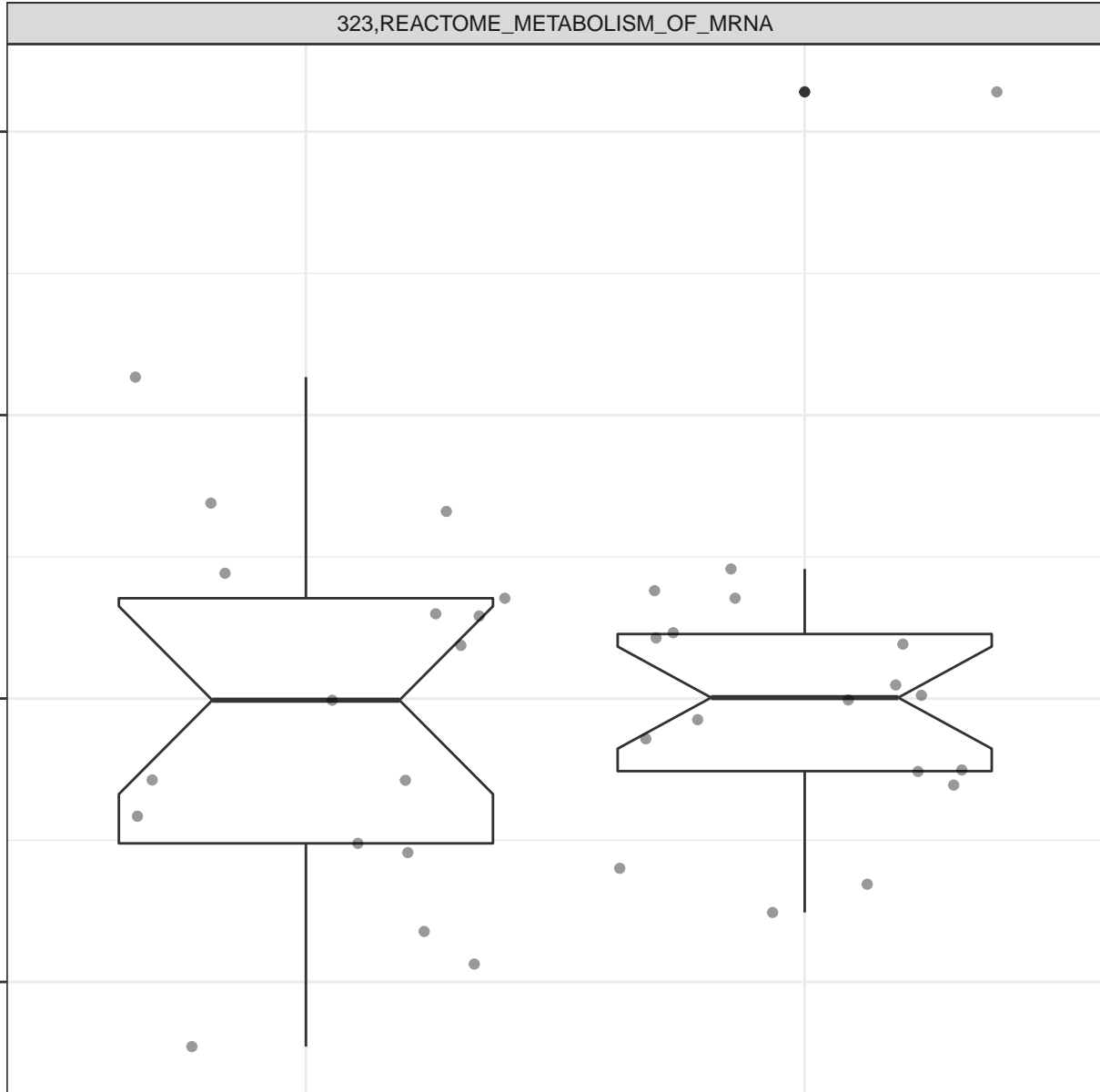
0.00

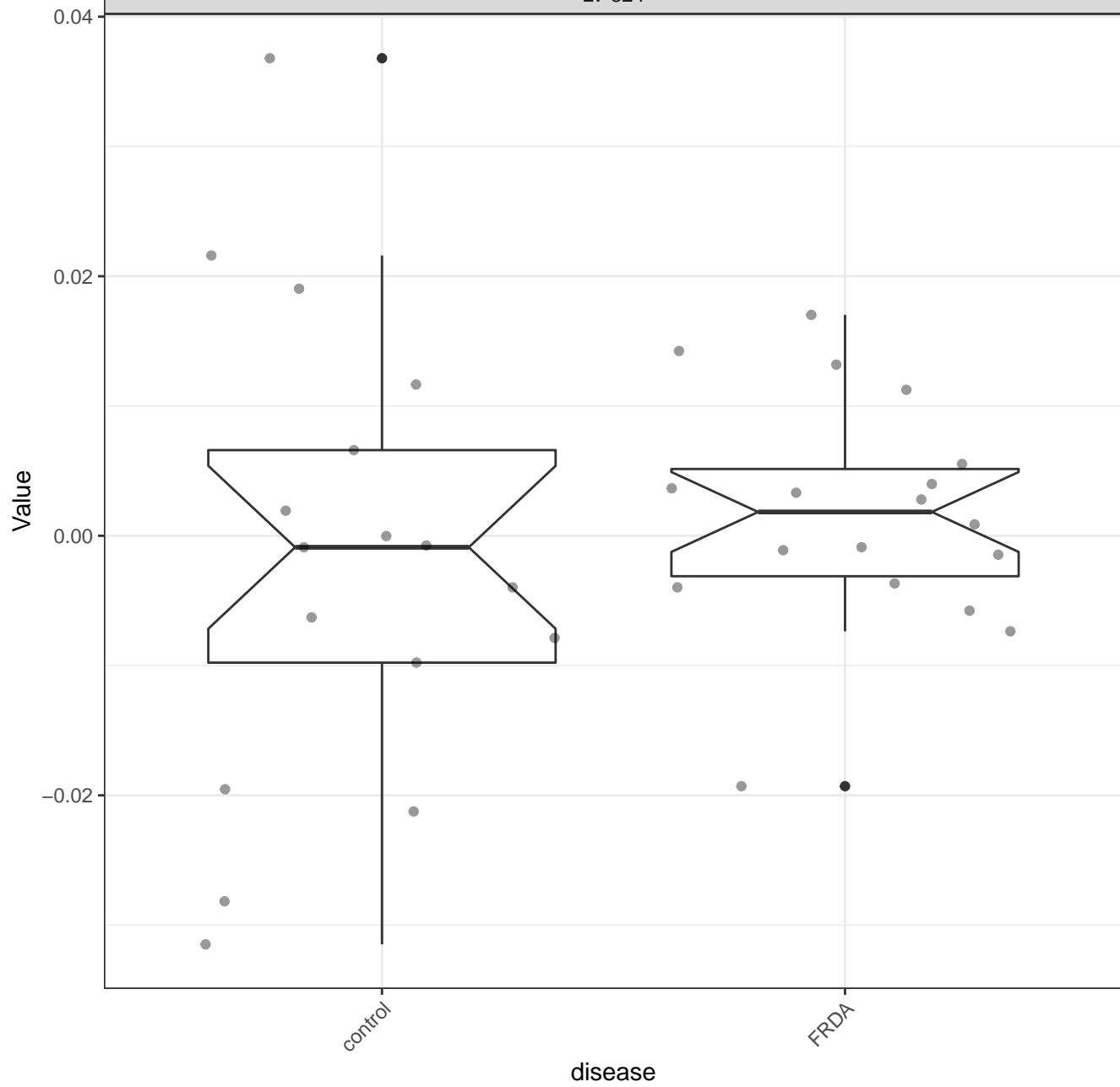
-0.02

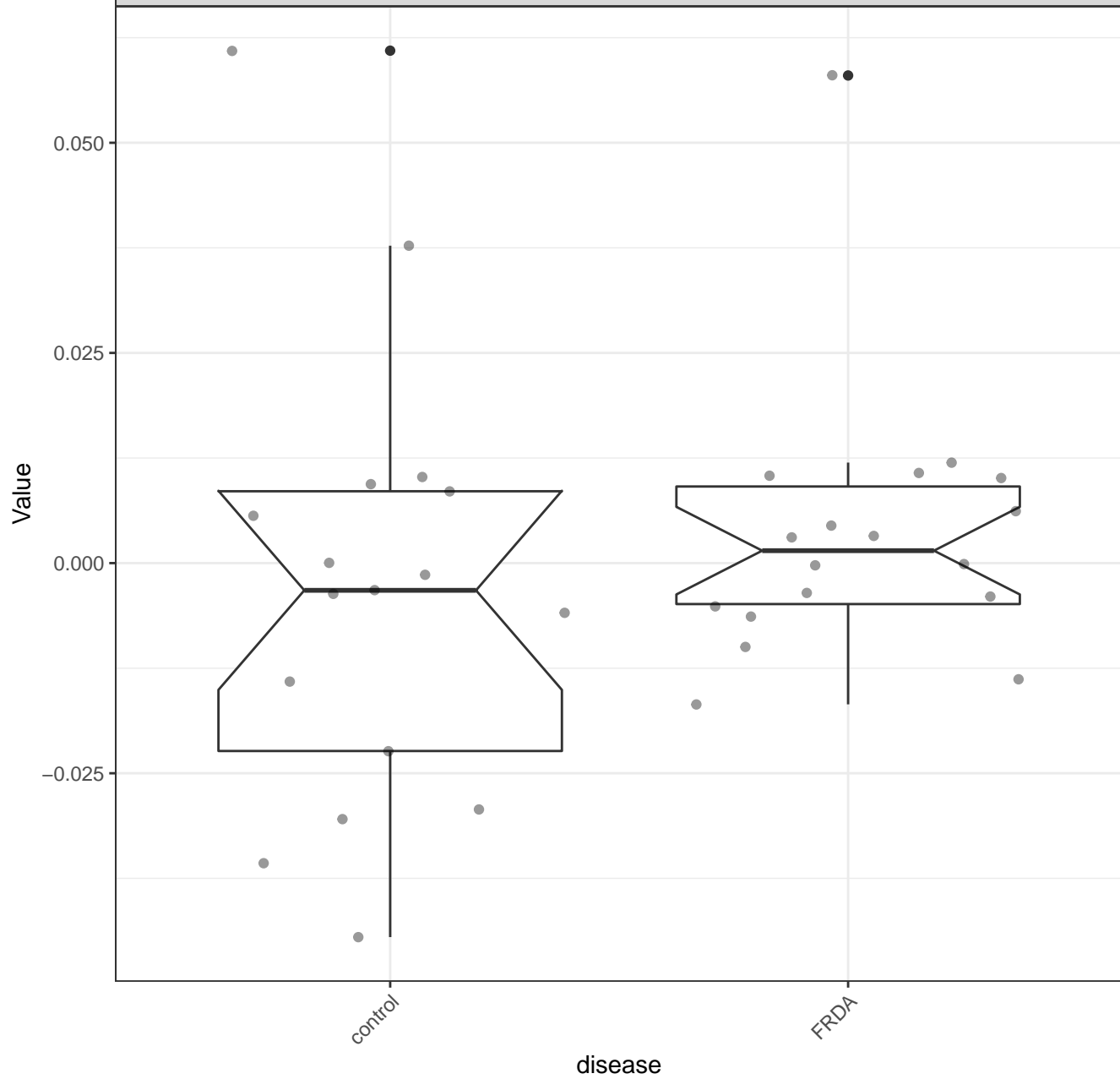
control

FRDA

disease







LV 326



control

FRDA

disease

LV 327

Value

0.050

0.025

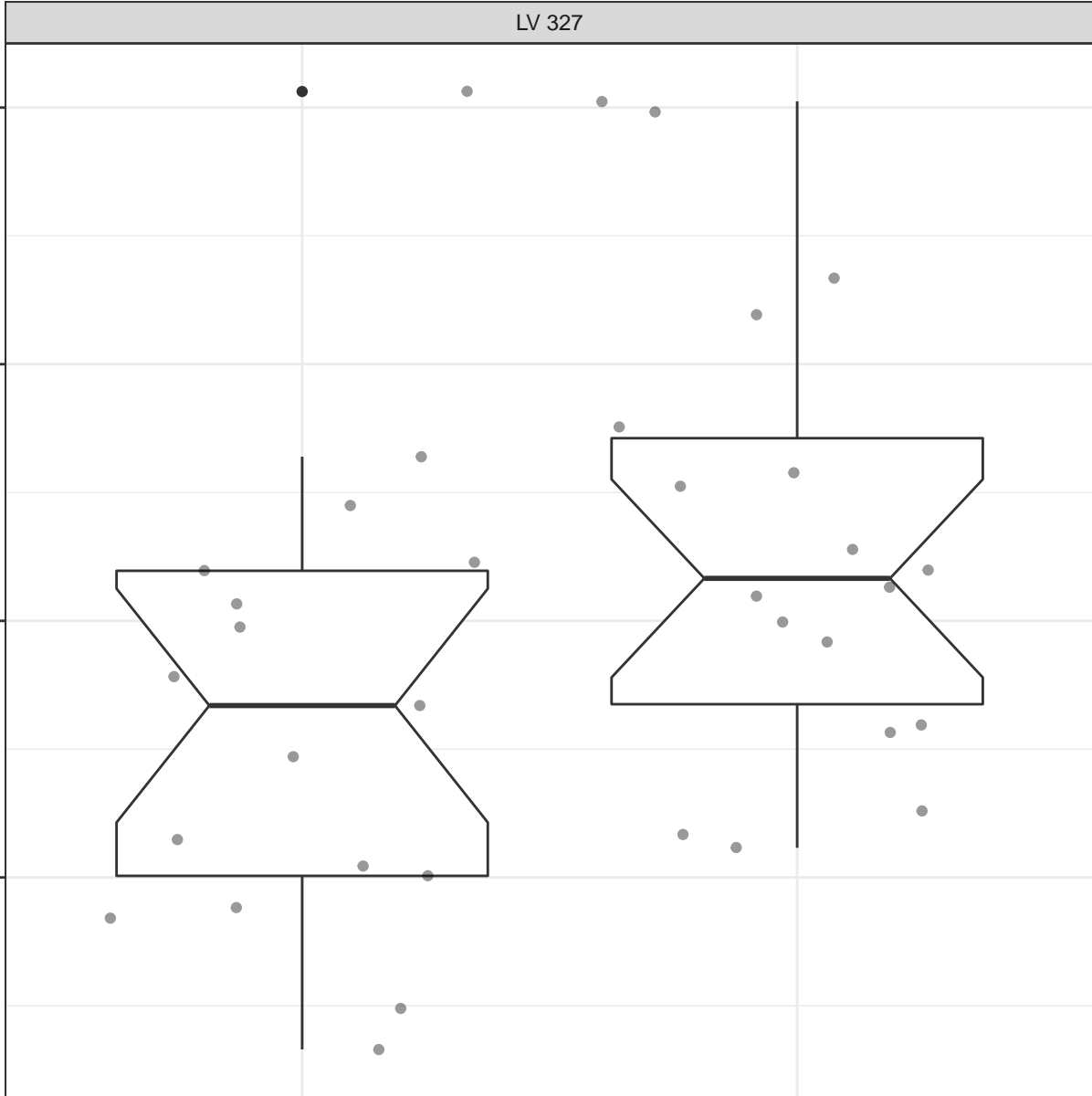
0.000

-0.025

control

FRDA

disease



LV 328

Value

-0.025

0.000

0.025

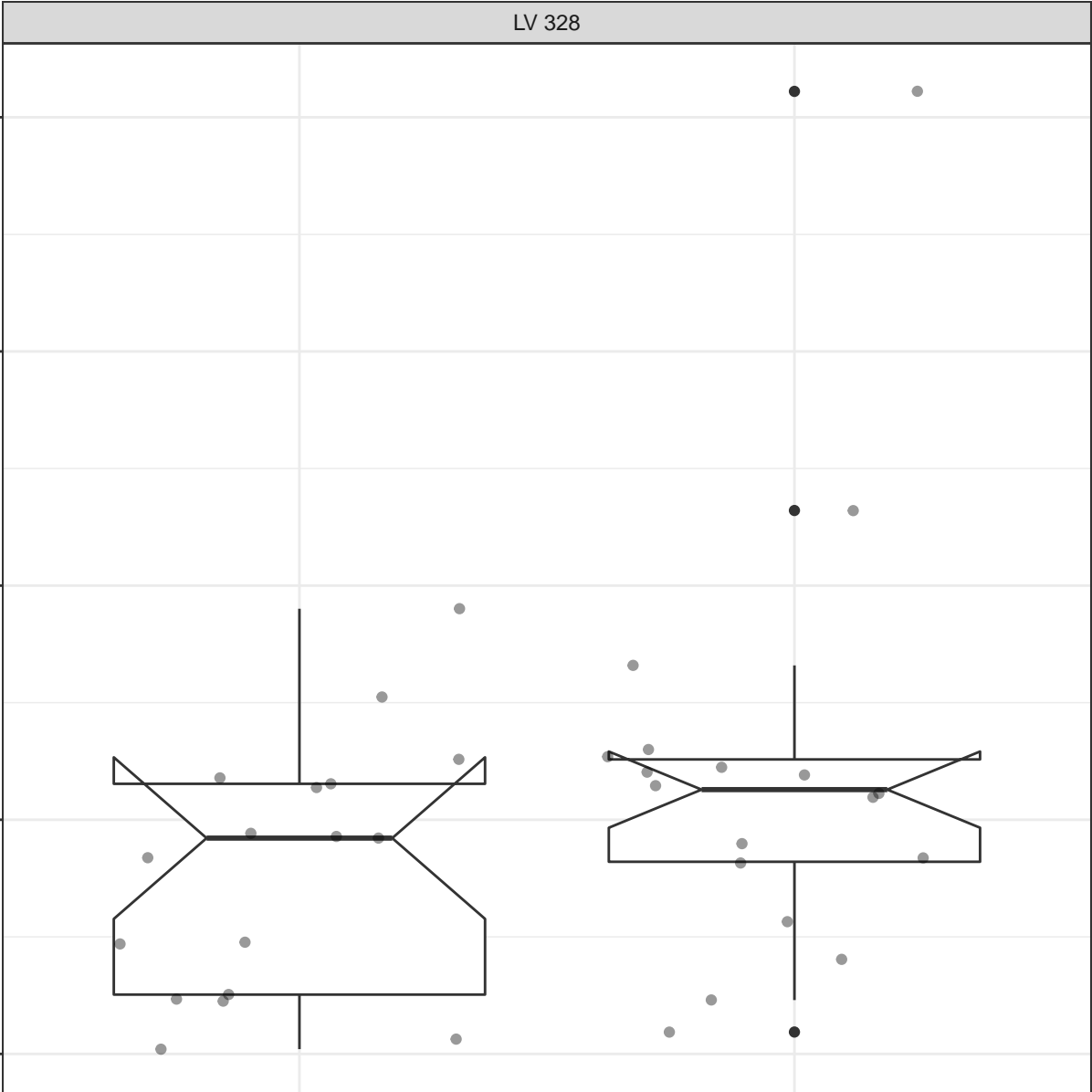
0.050

0.075

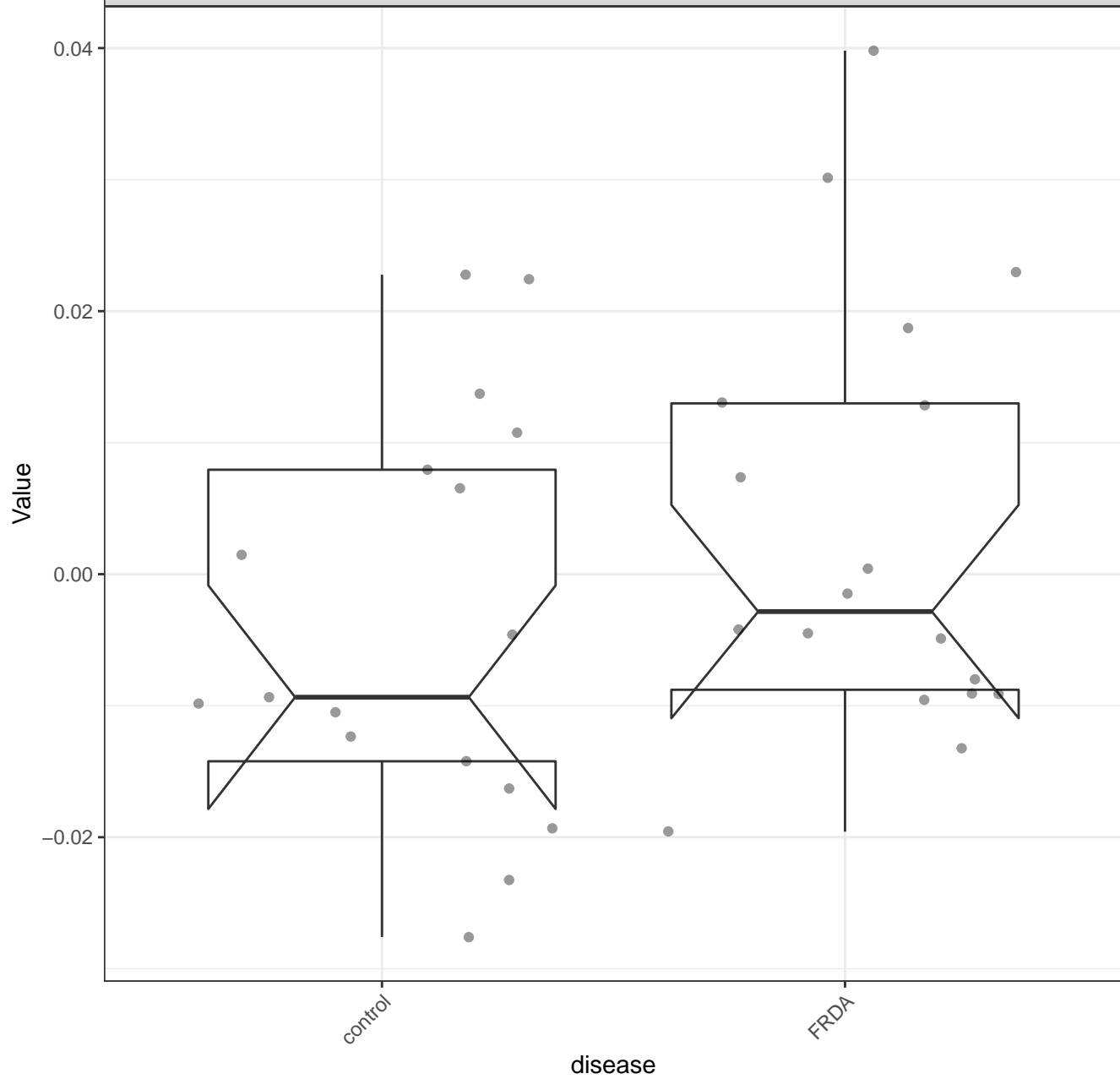
control

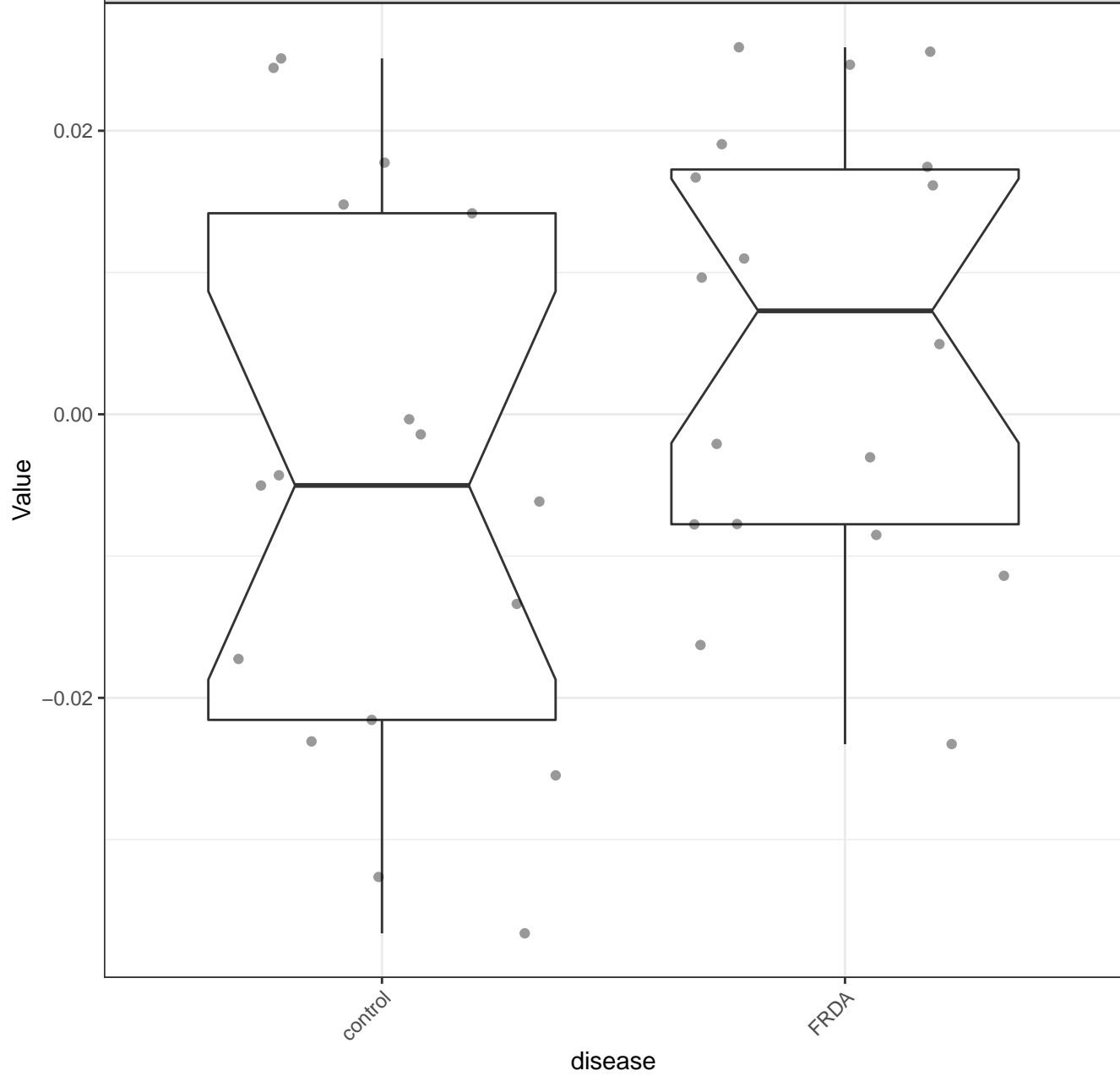
FRDA

disease









Value

0.02

0.01

0.00

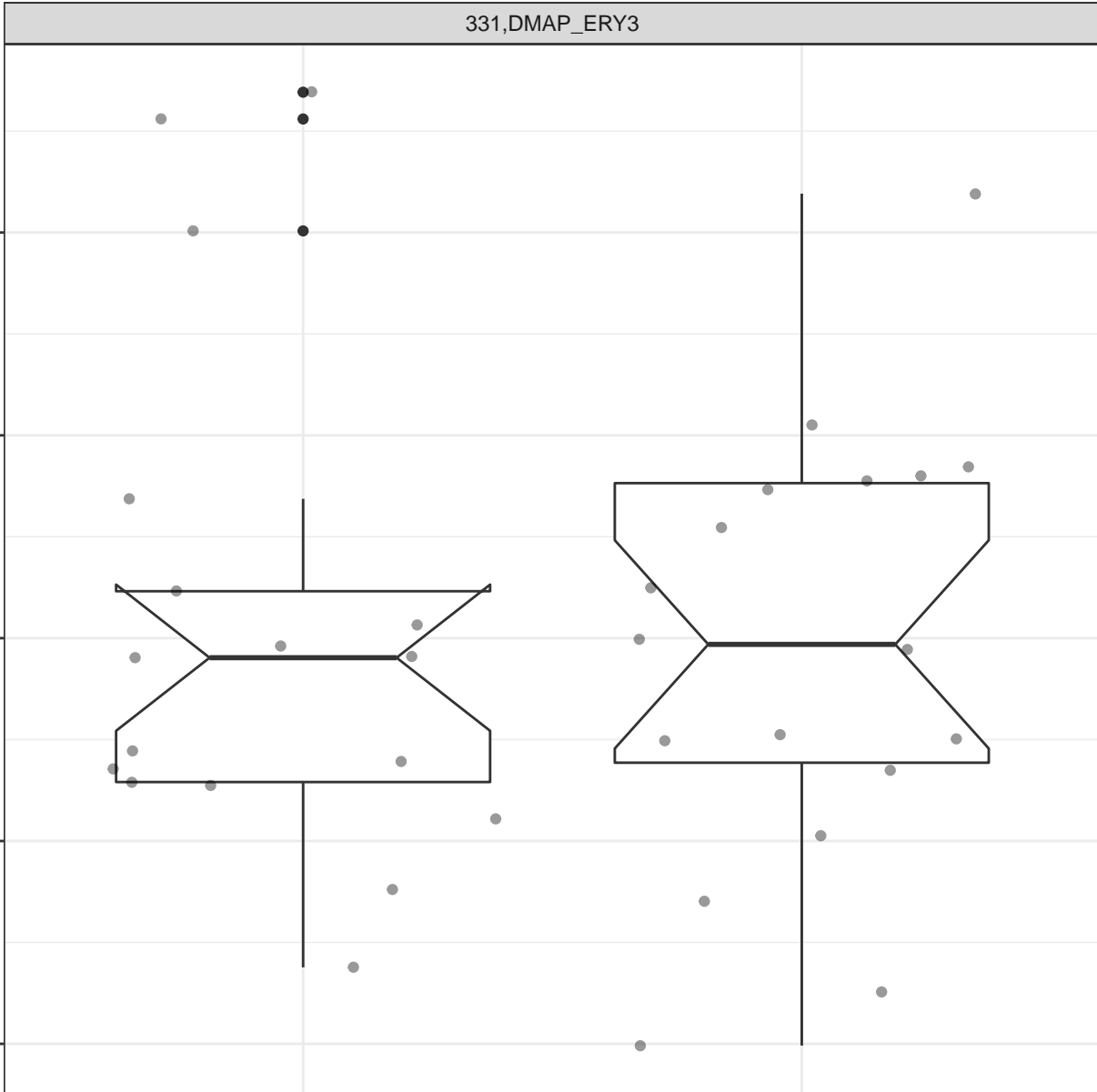
-0.01

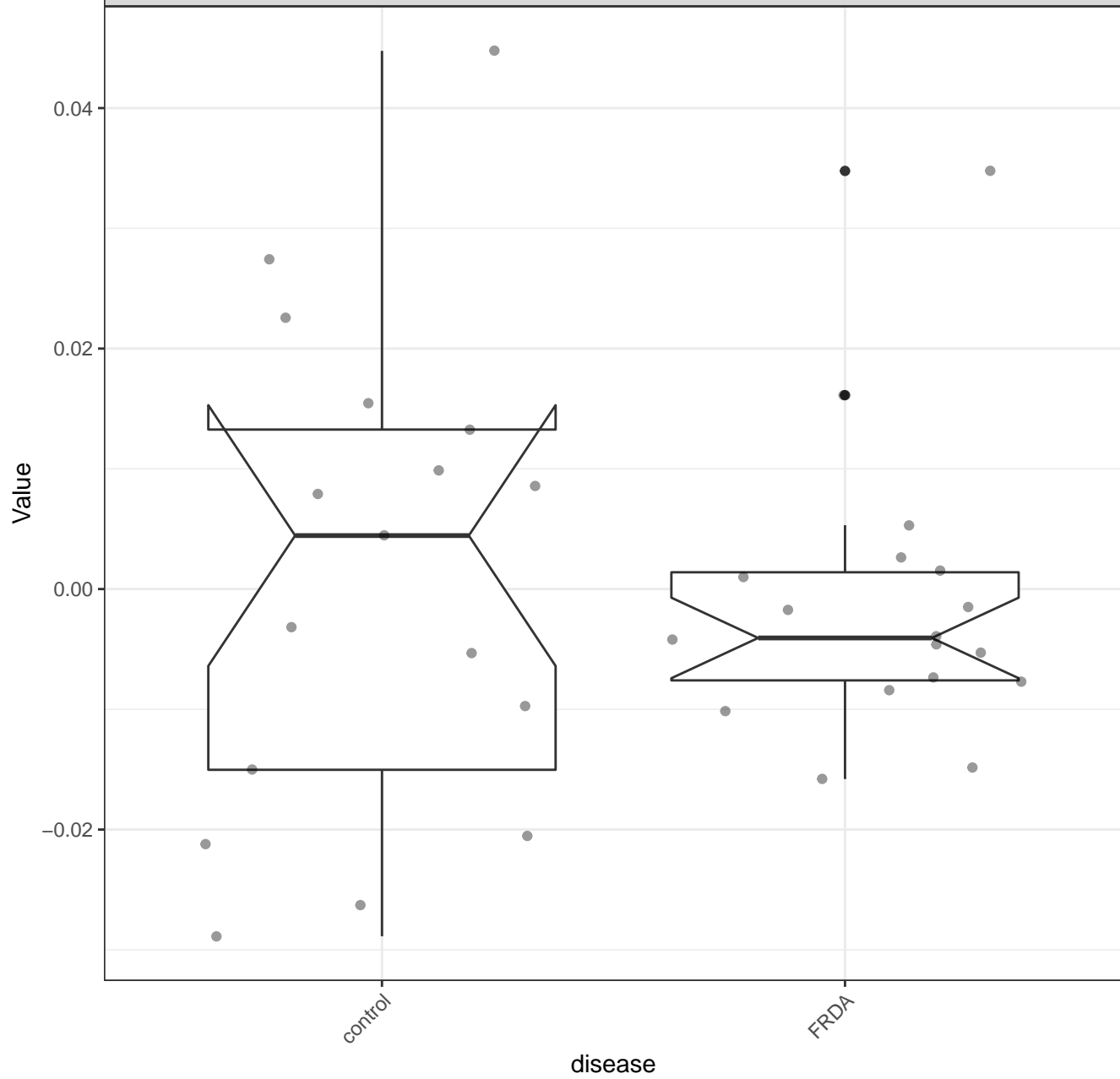
-0.02

control

disease

FRDA





Value

0.02

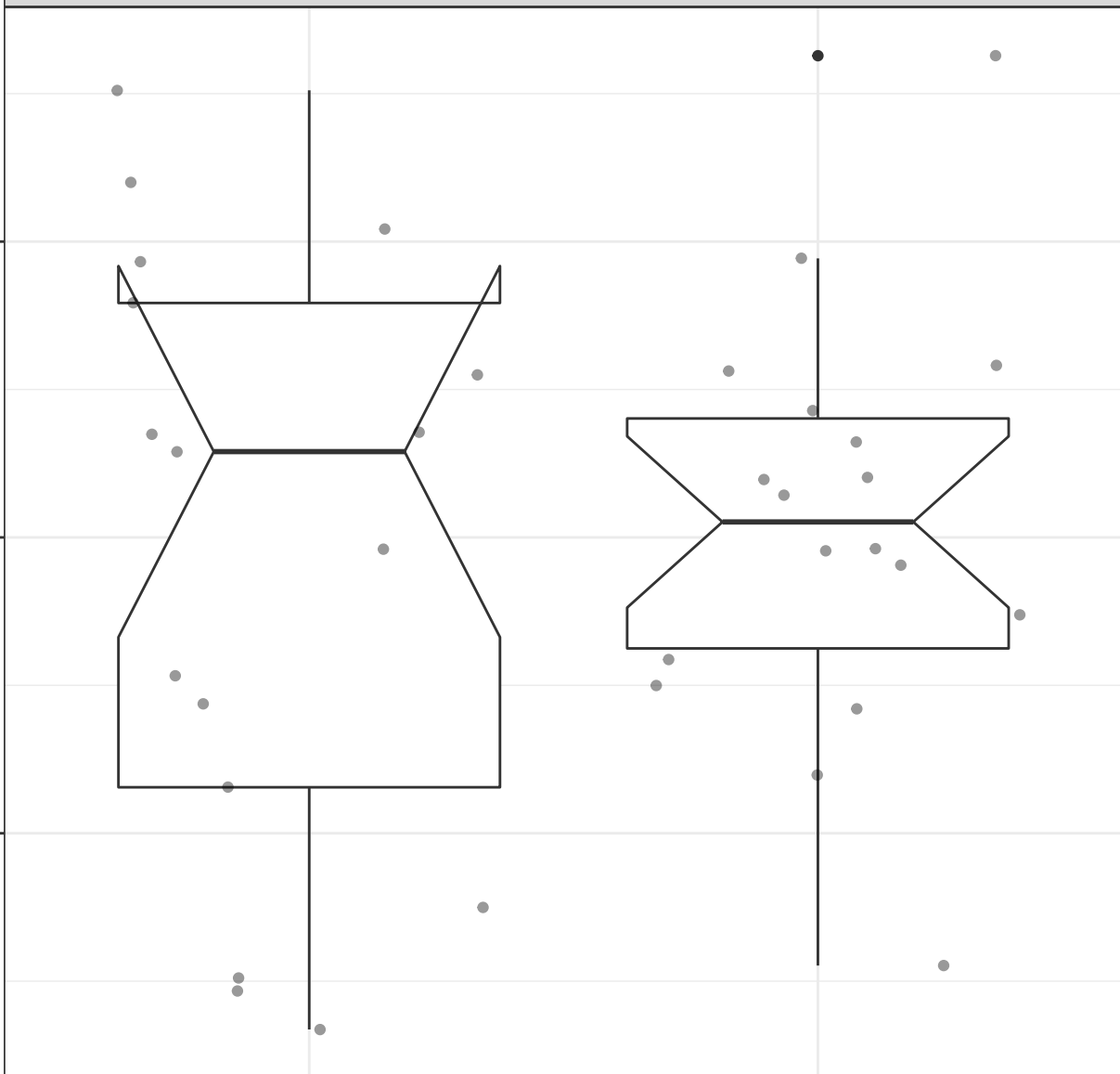
0.00

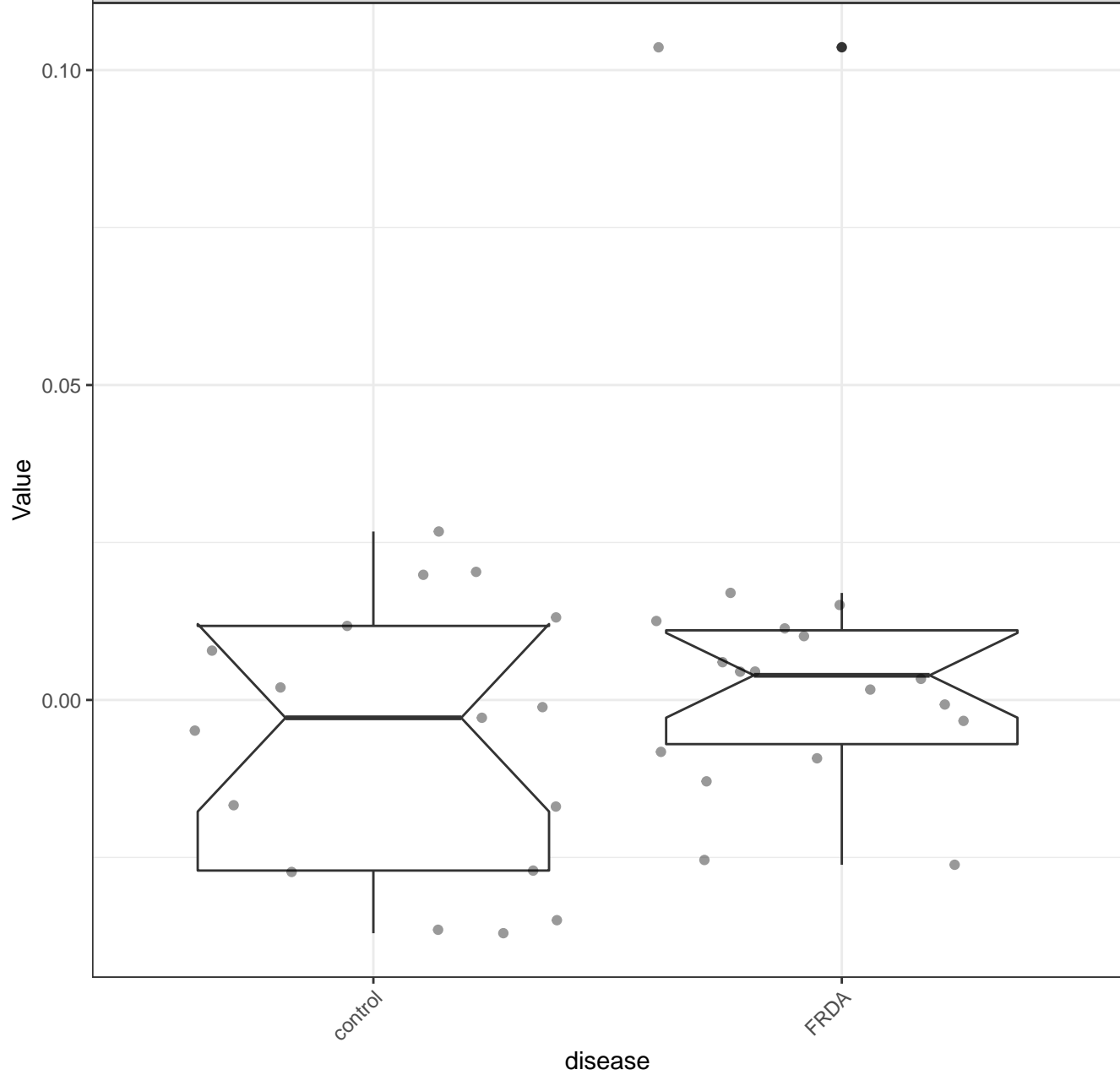
-0.02

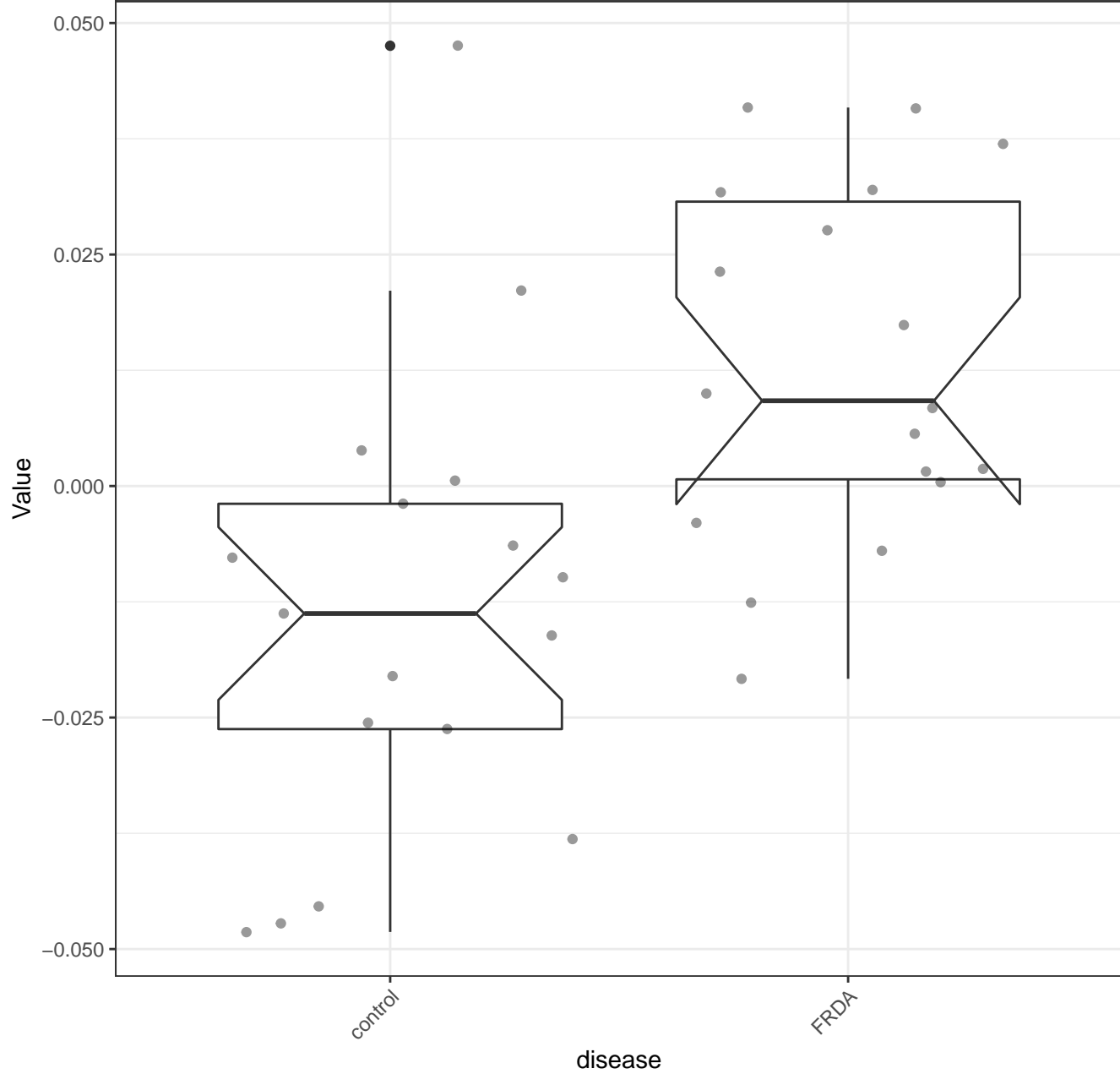
control

disease

FRDA







Value

0.10

0.05

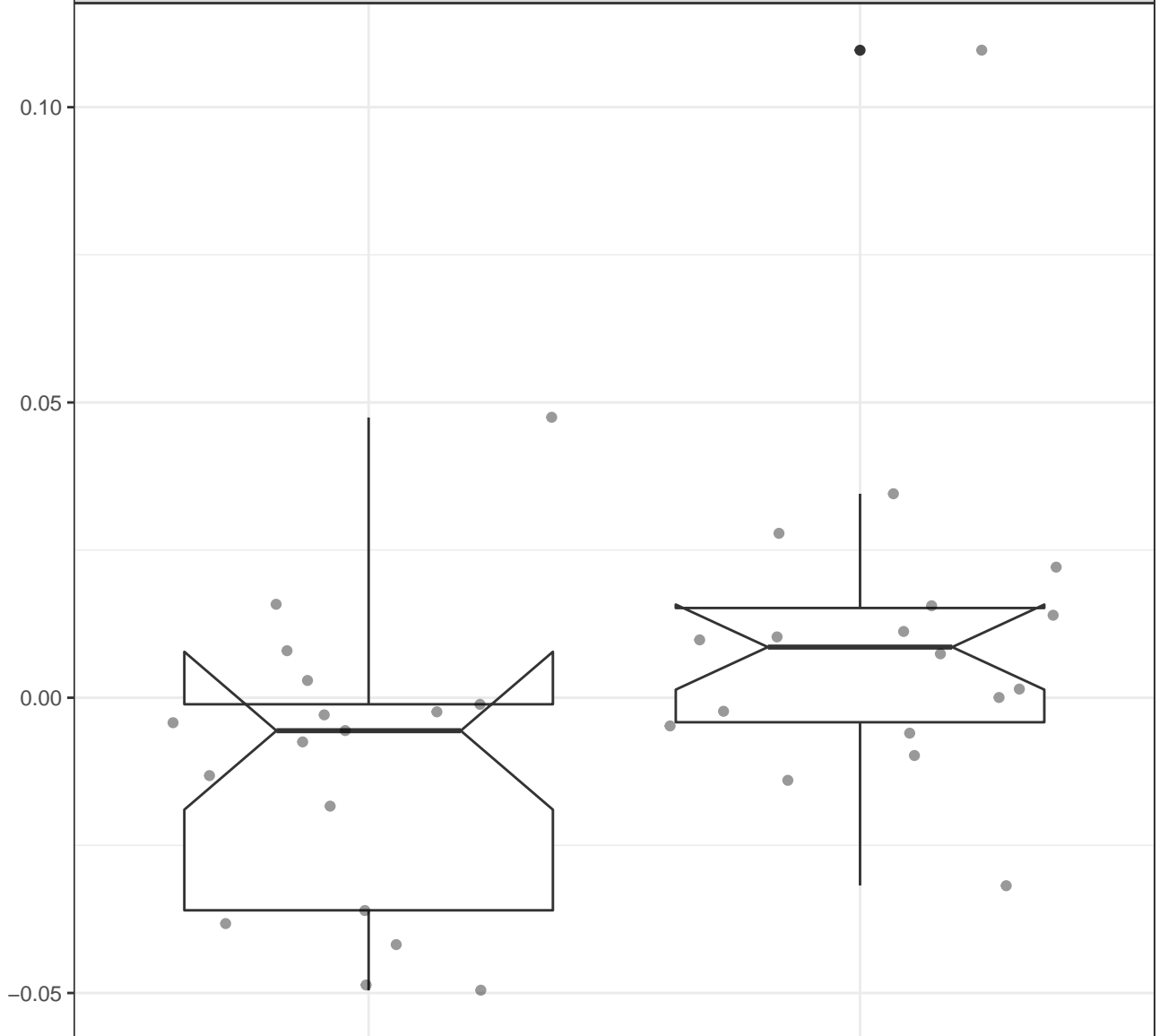
0.00

-0.05

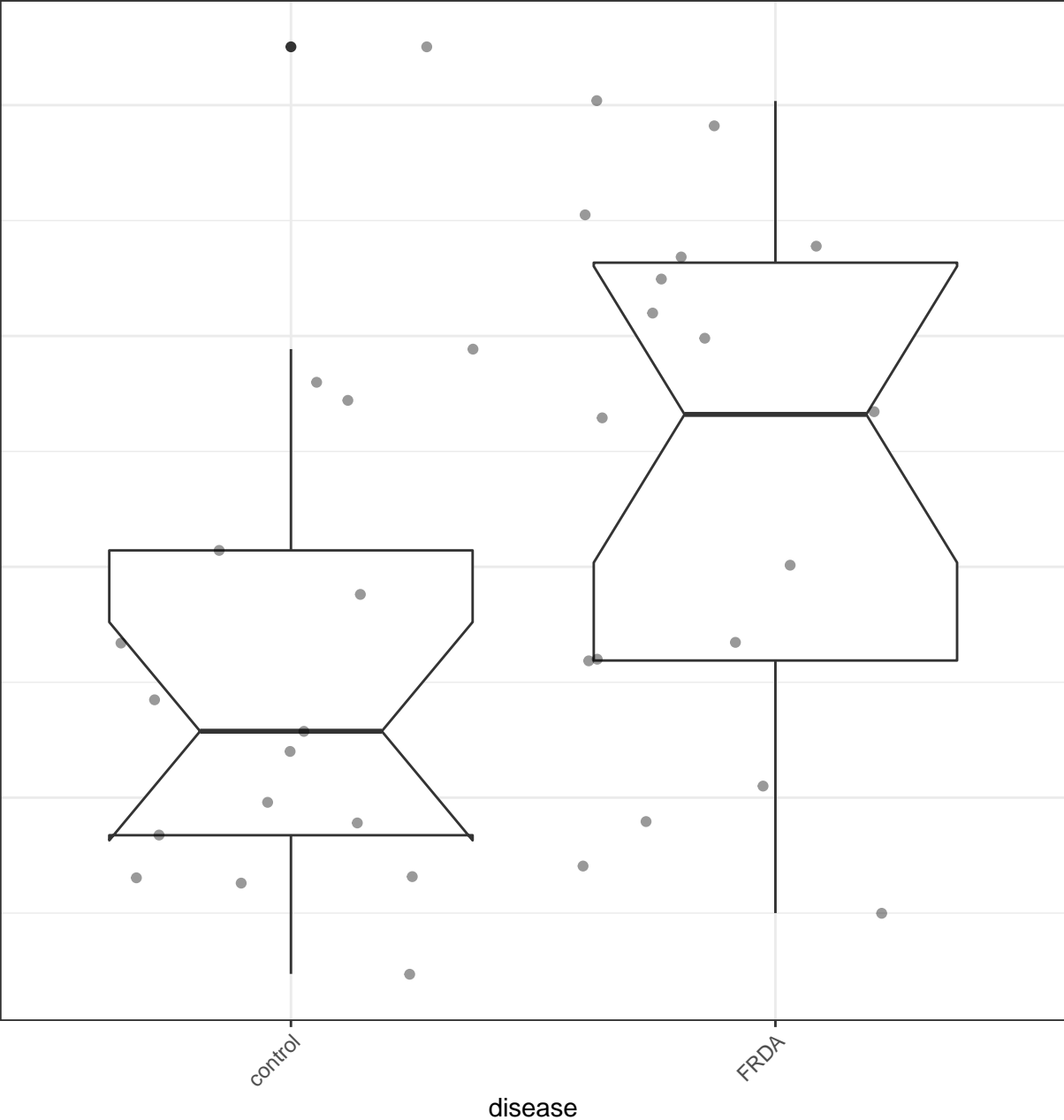
control

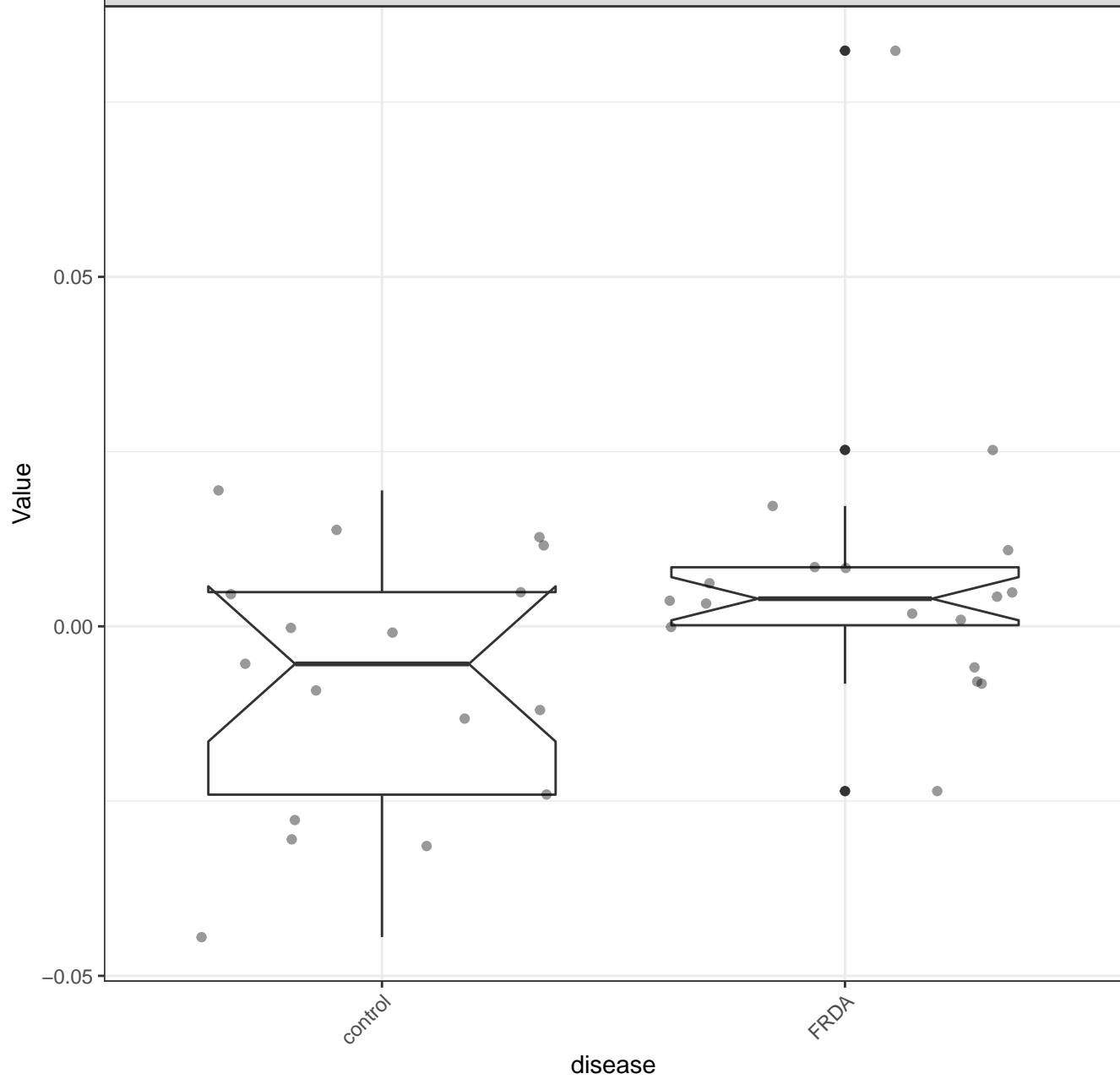
FRDA

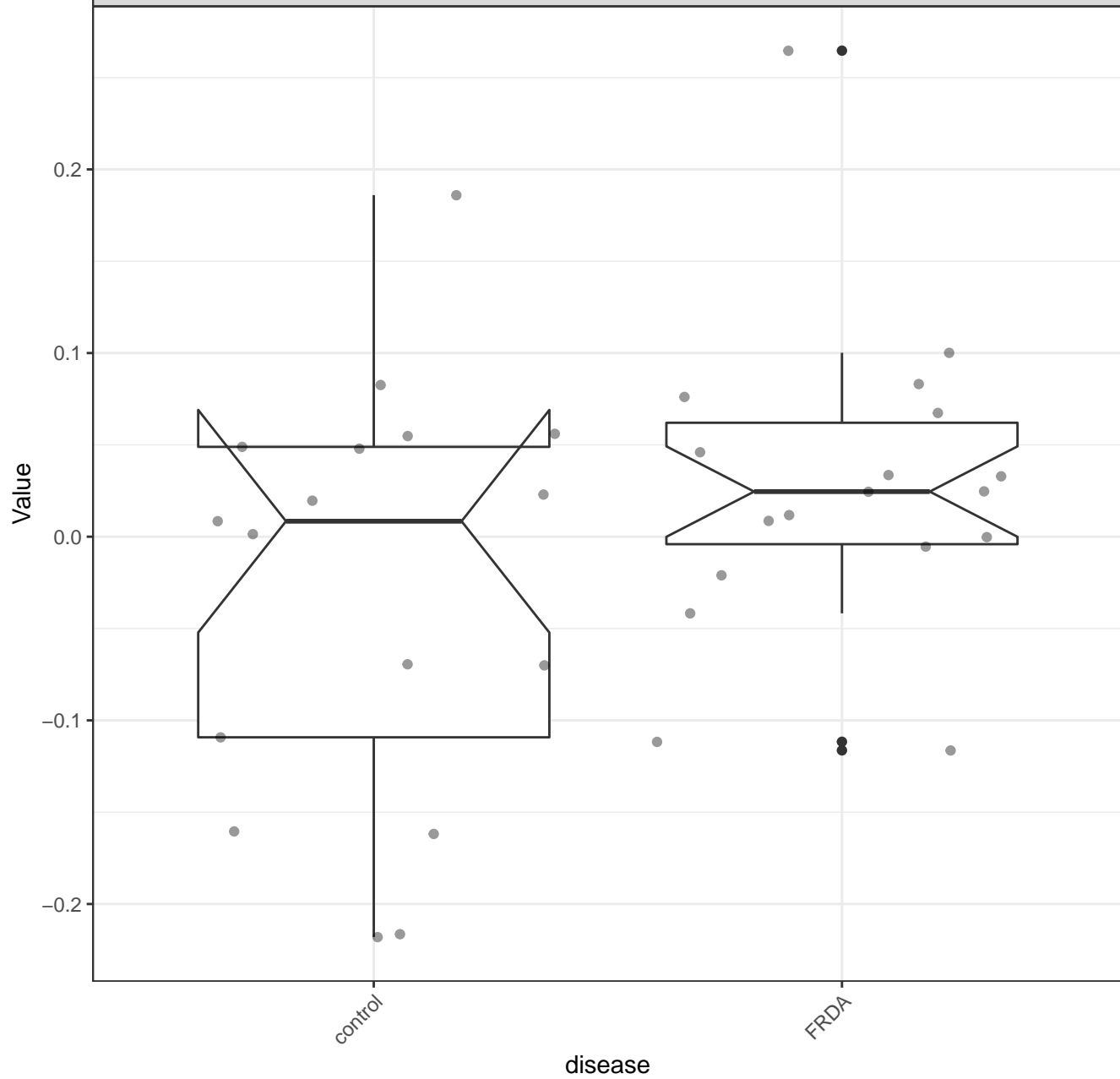
disease

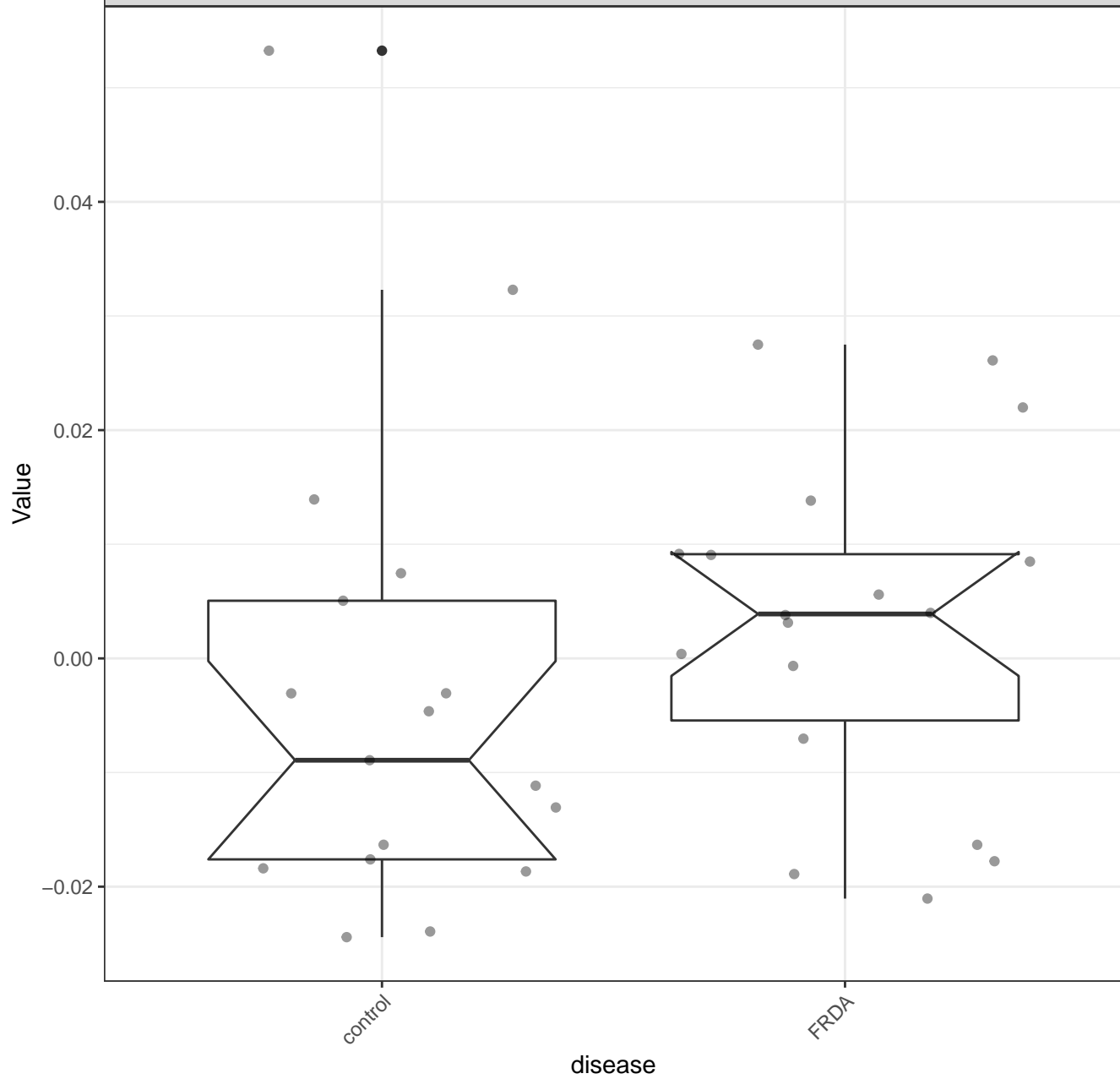




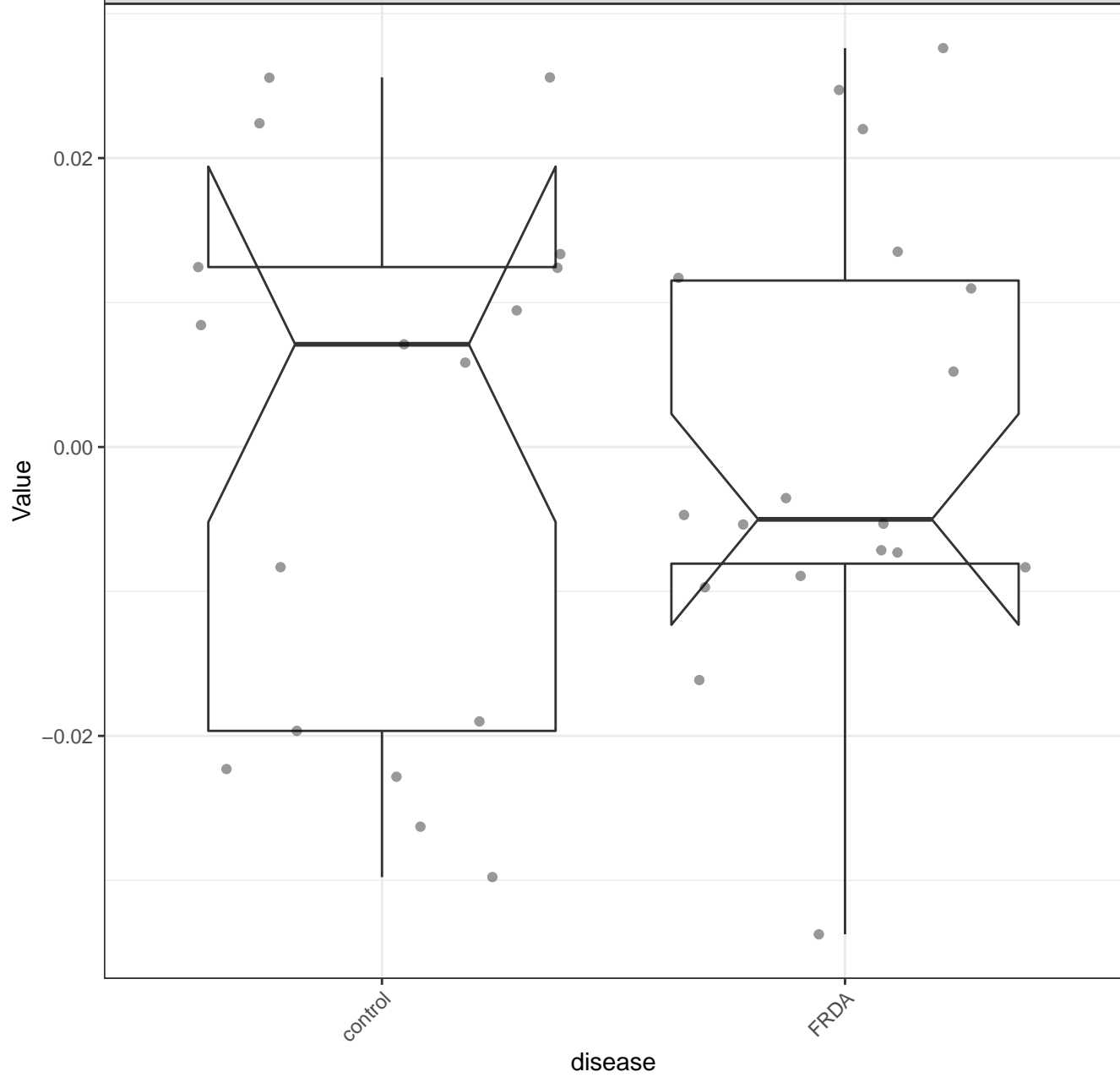








LV 341



Value

0.050

0.025

0.000

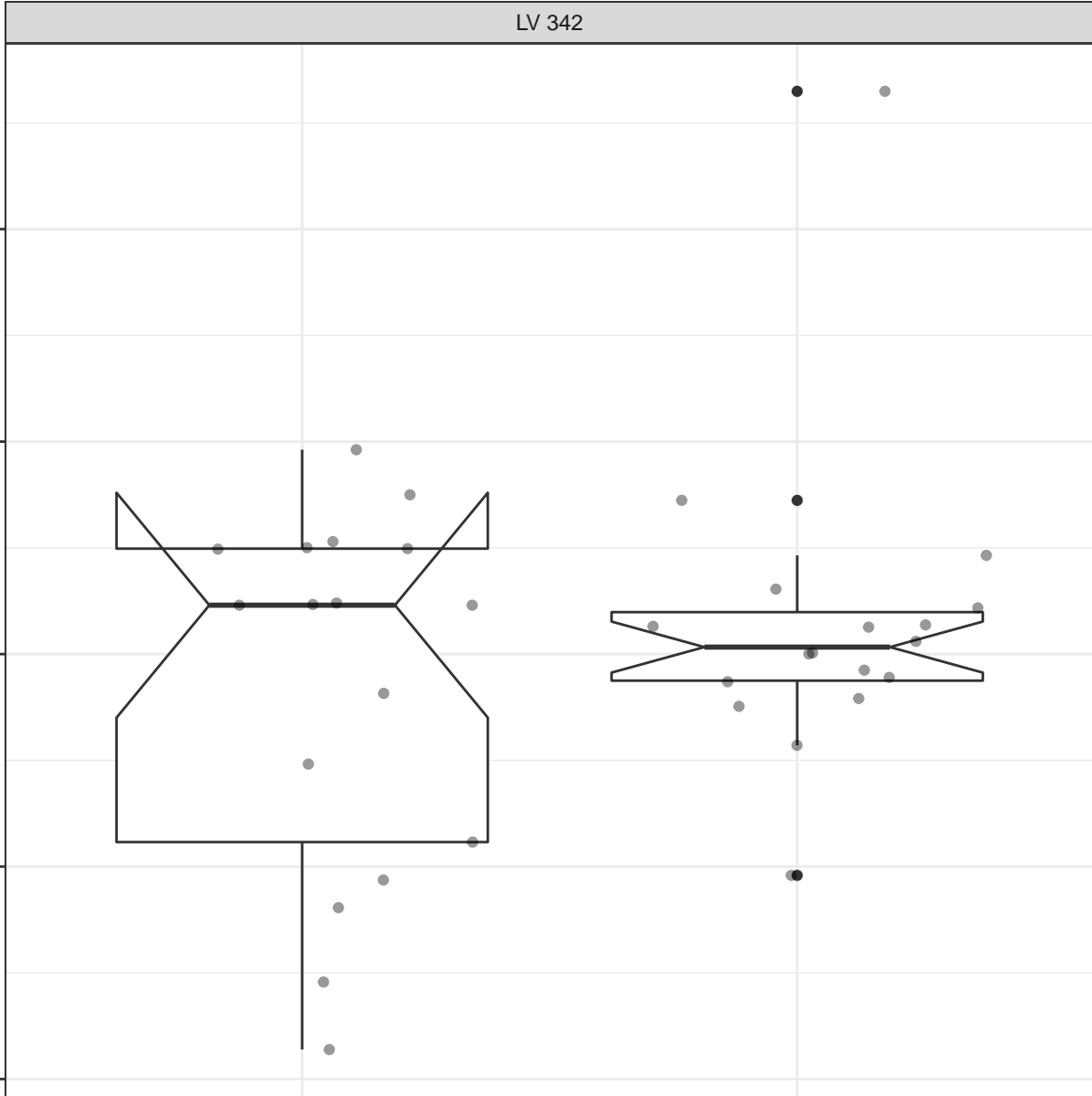
-0.025

-0.050

control

FRDA

disease



Value

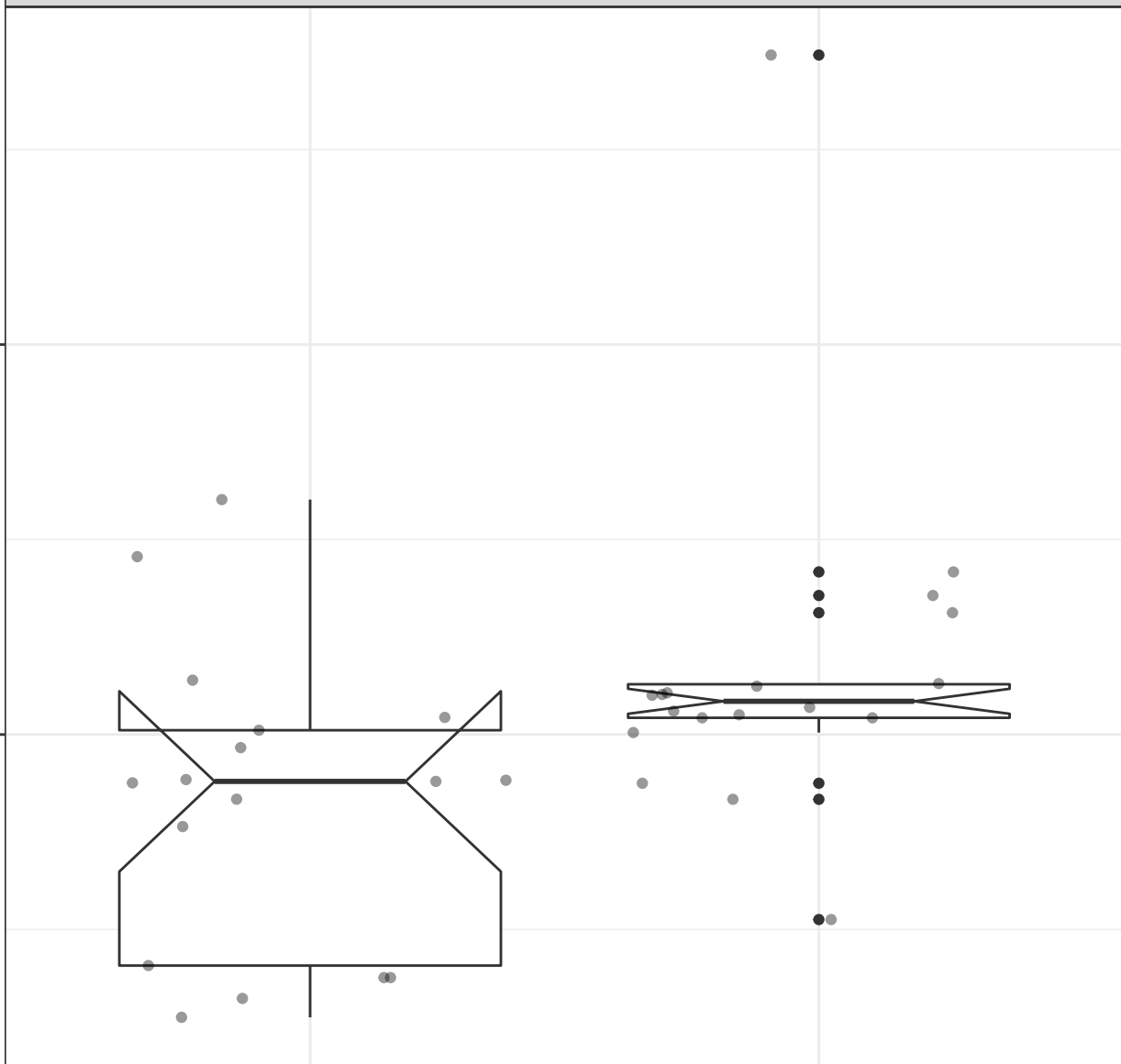
0.05

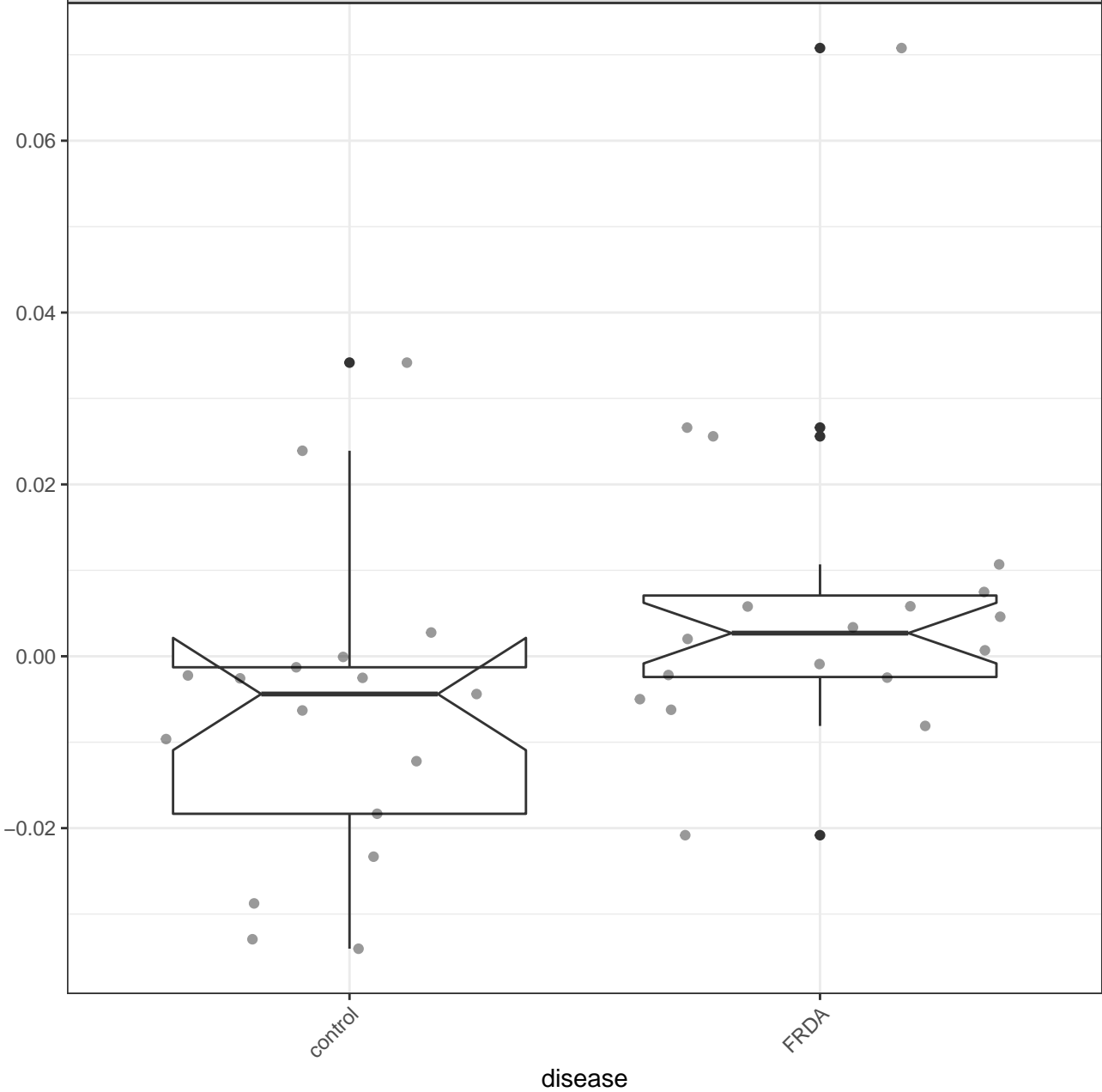
0.00

control

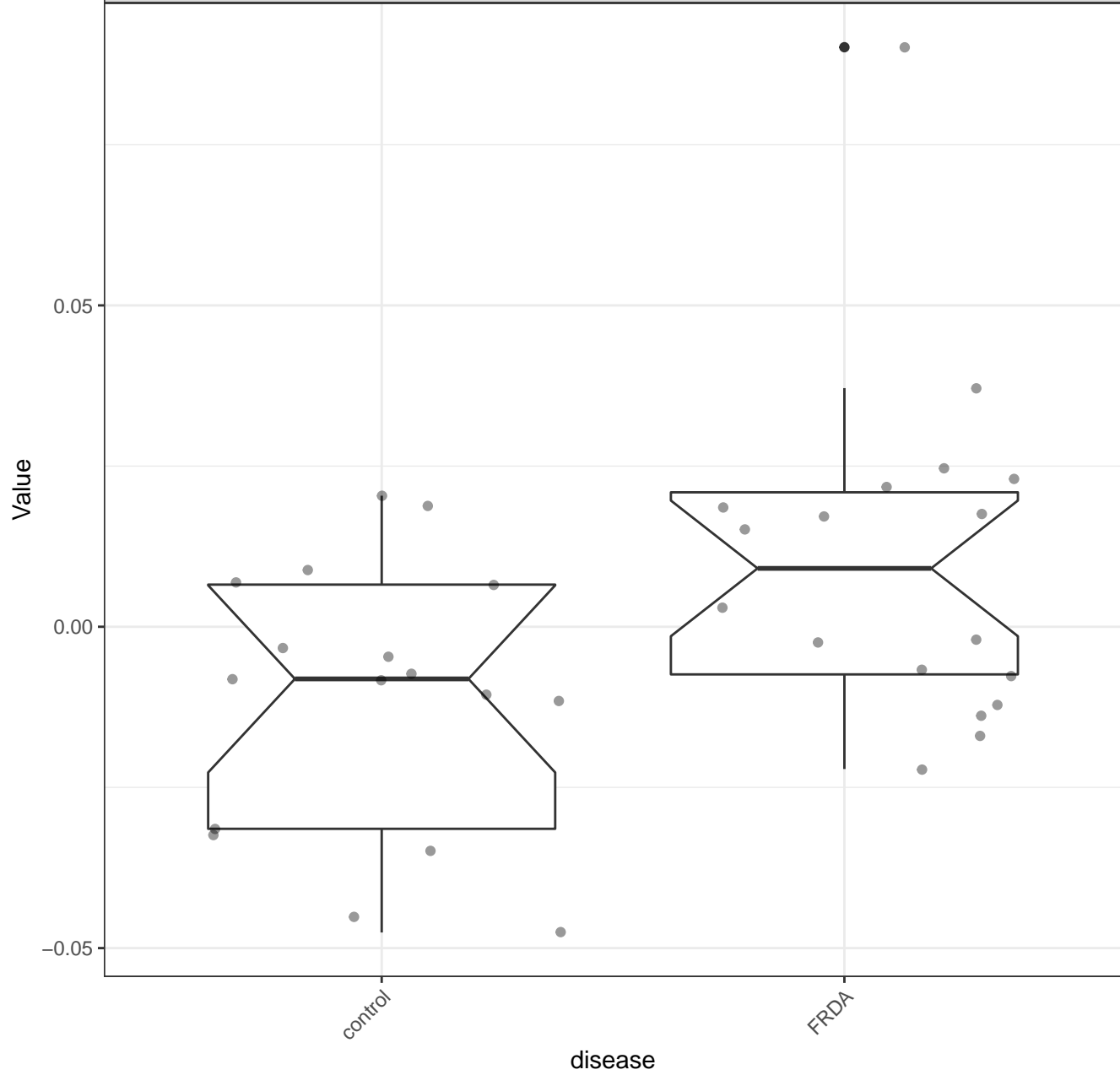
disease

FRDA









Value

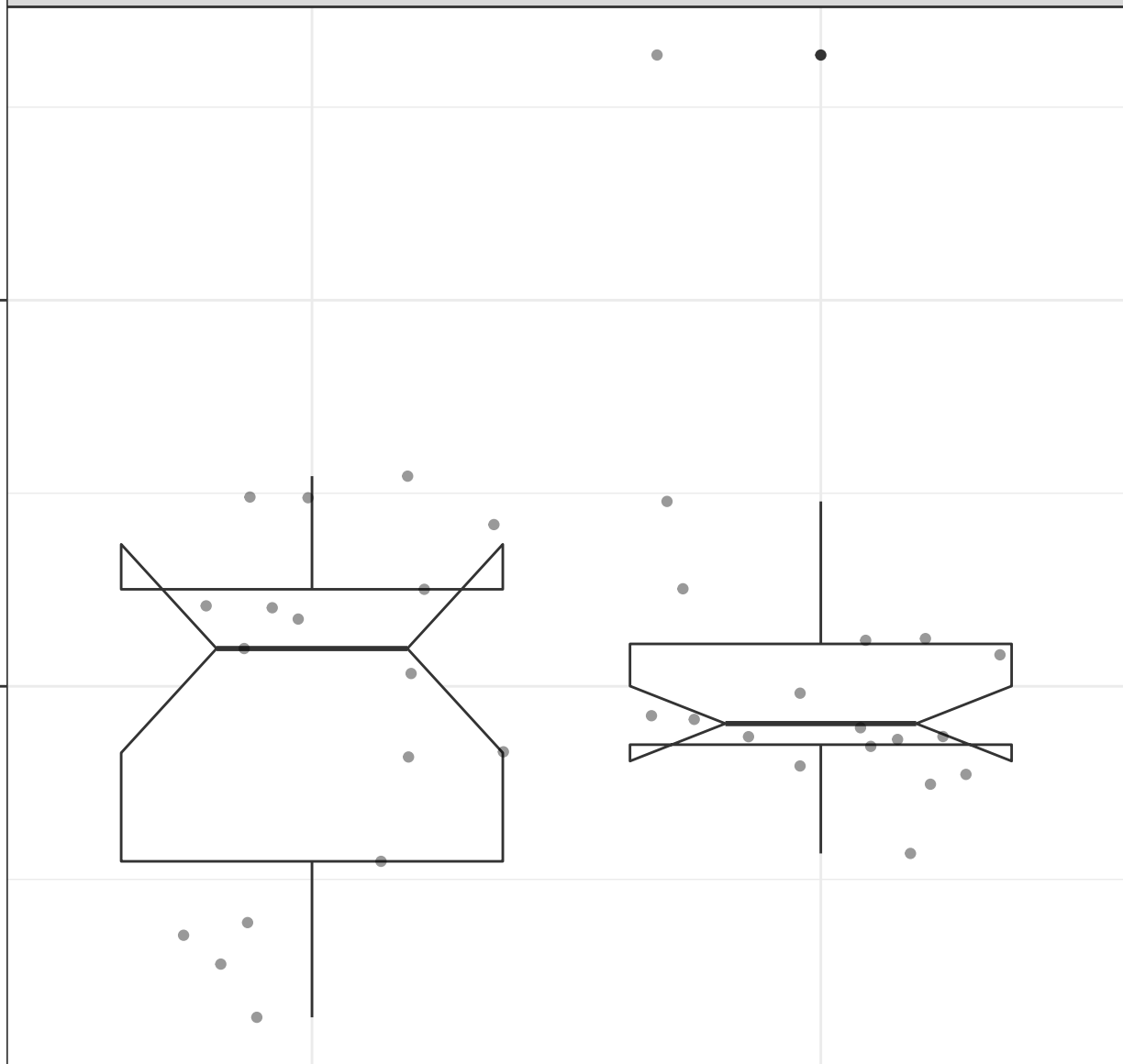
0.05

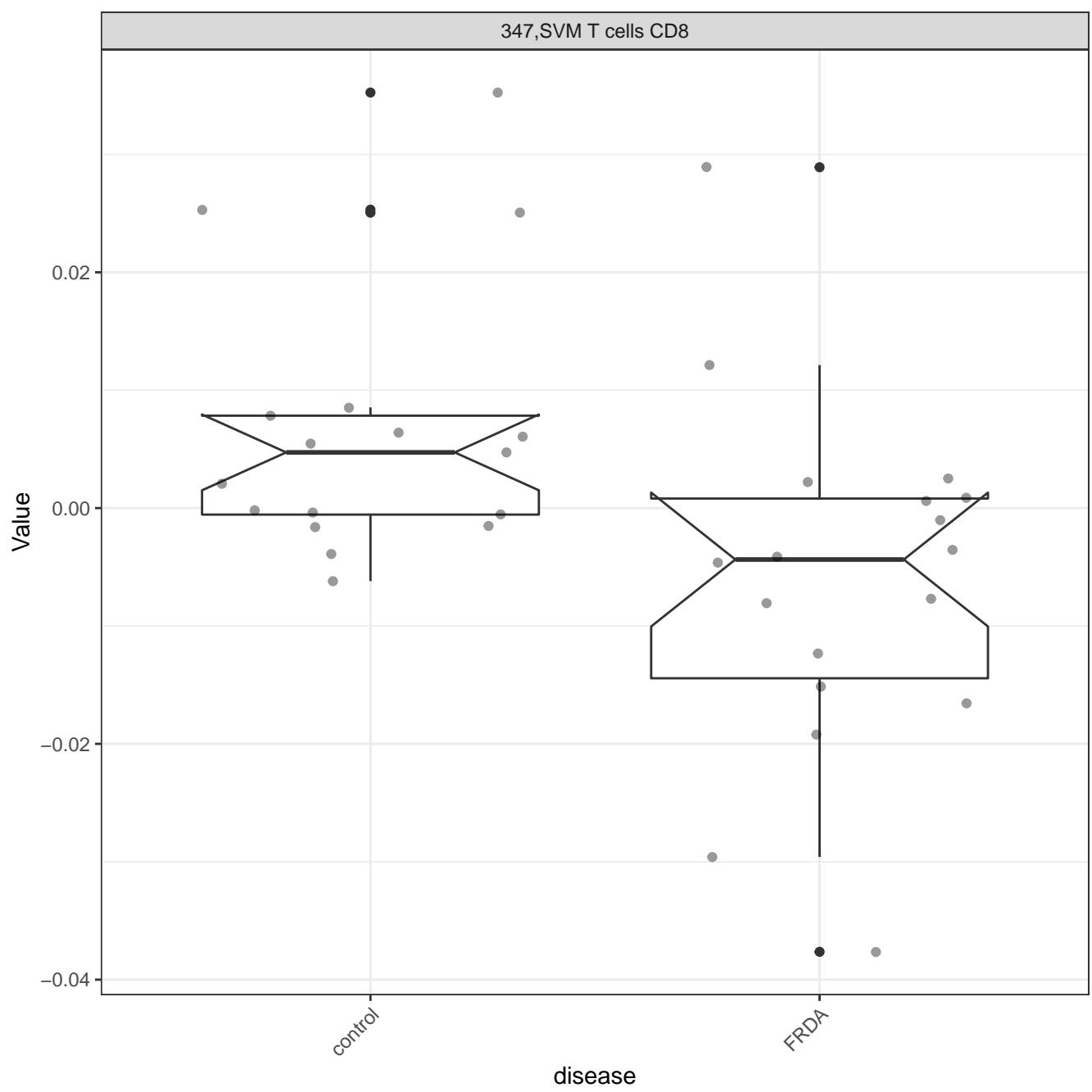
0.00

control

disease

FRDA





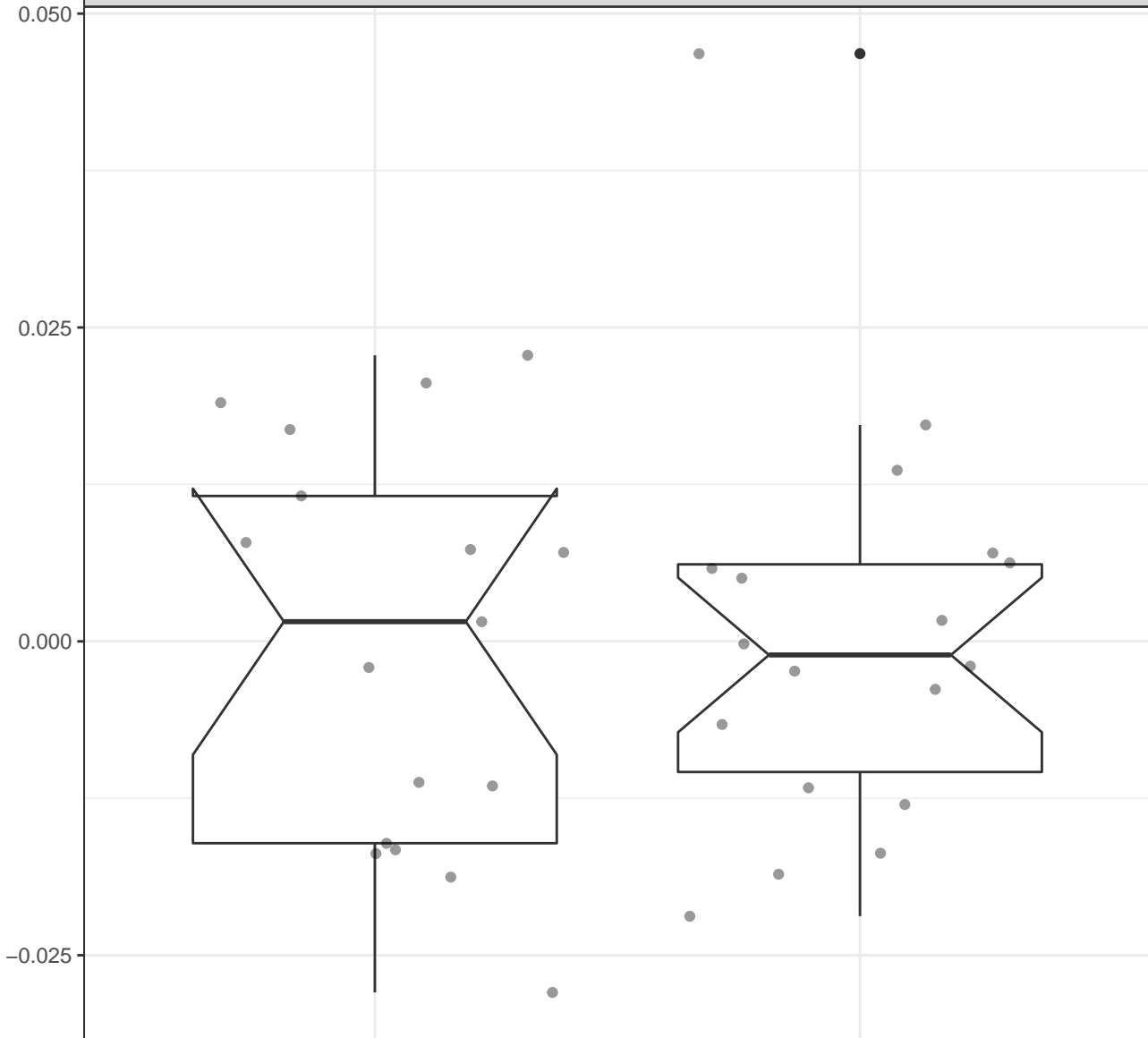
LV 348

Value

control

FRDA

disease



Value

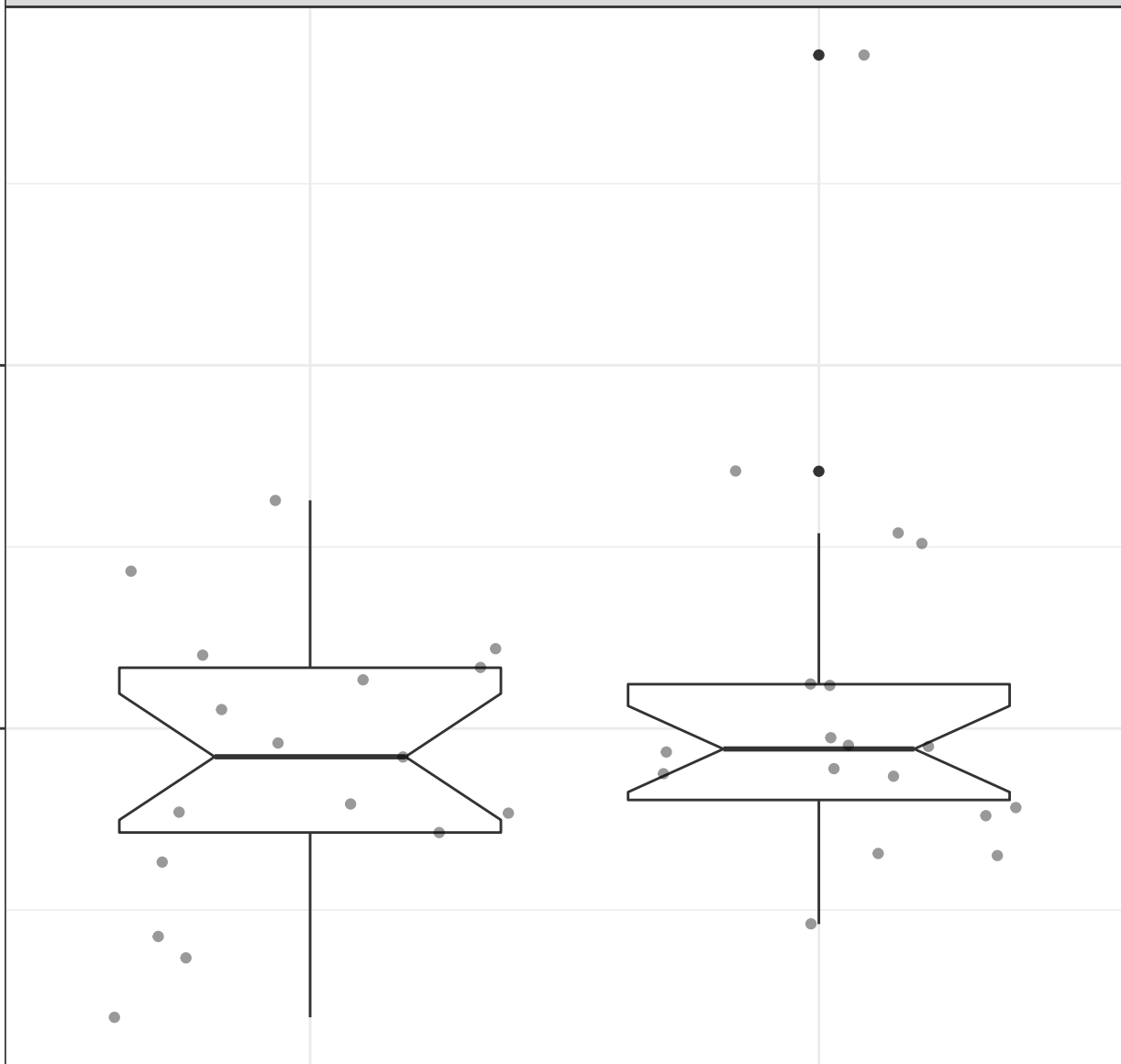
0.05

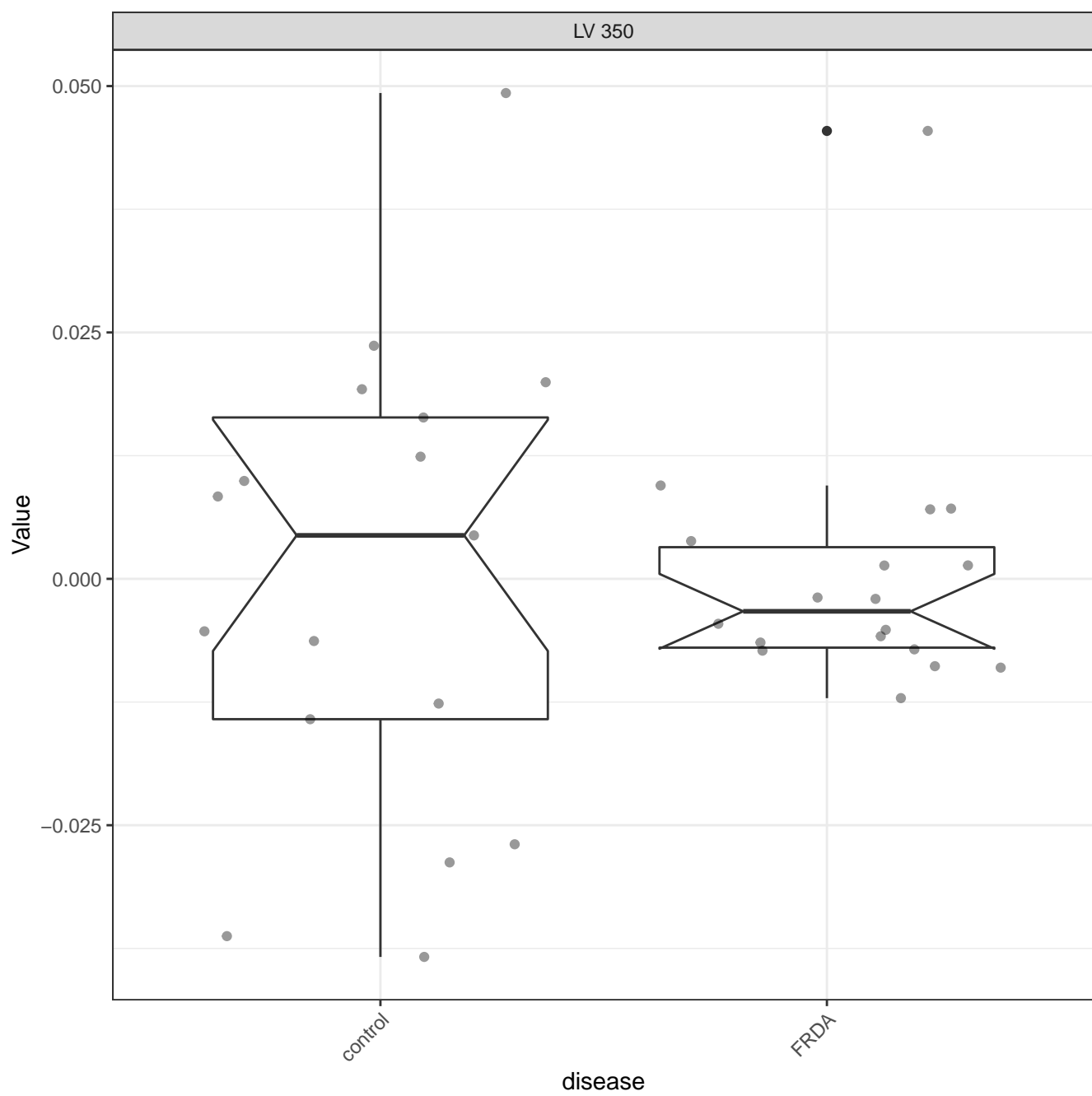
0.00

control

FRDA

disease





Value

0.050

0.025

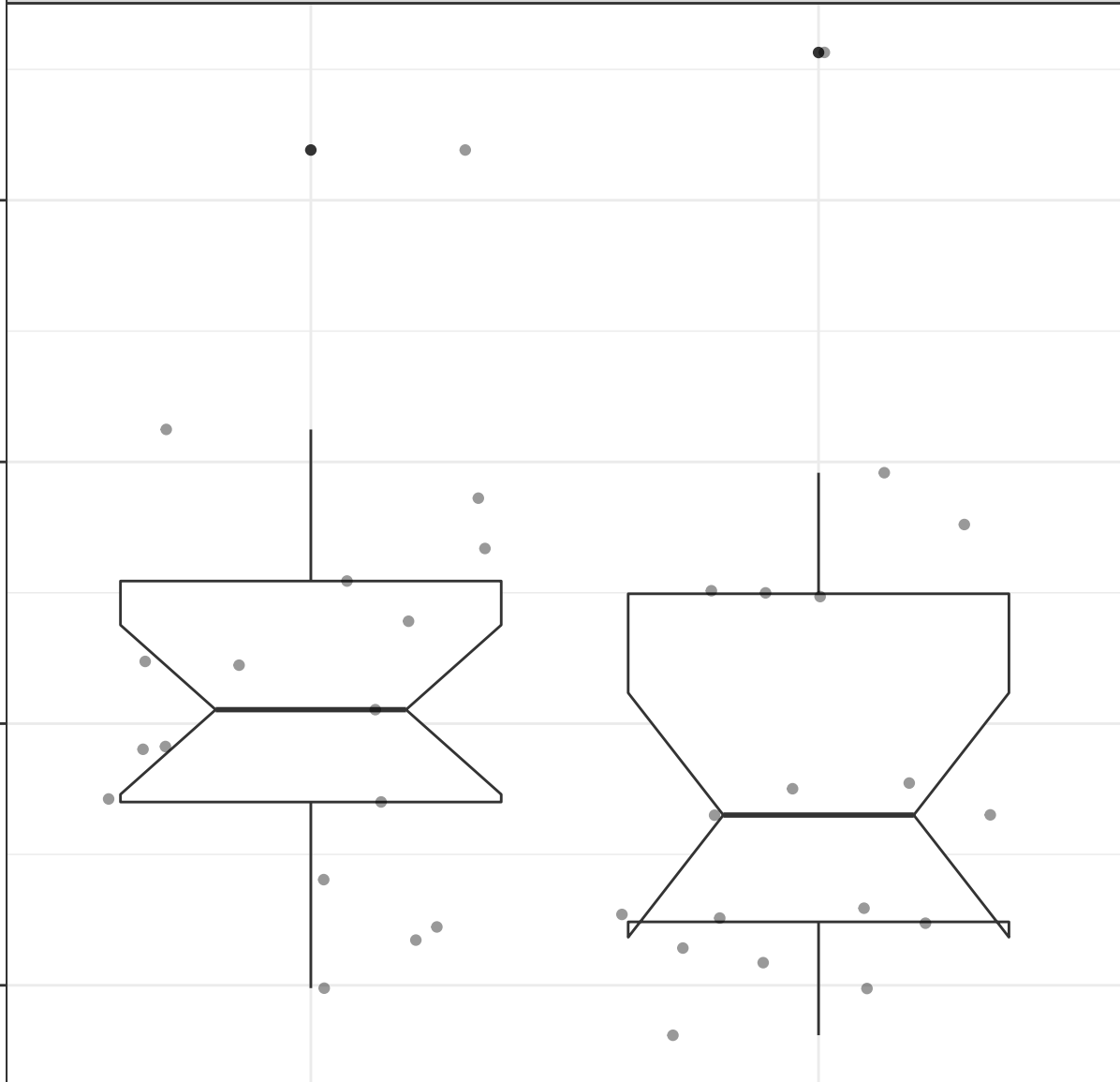
0.000

-0.025

control

FRDA

disease



Value

0.02

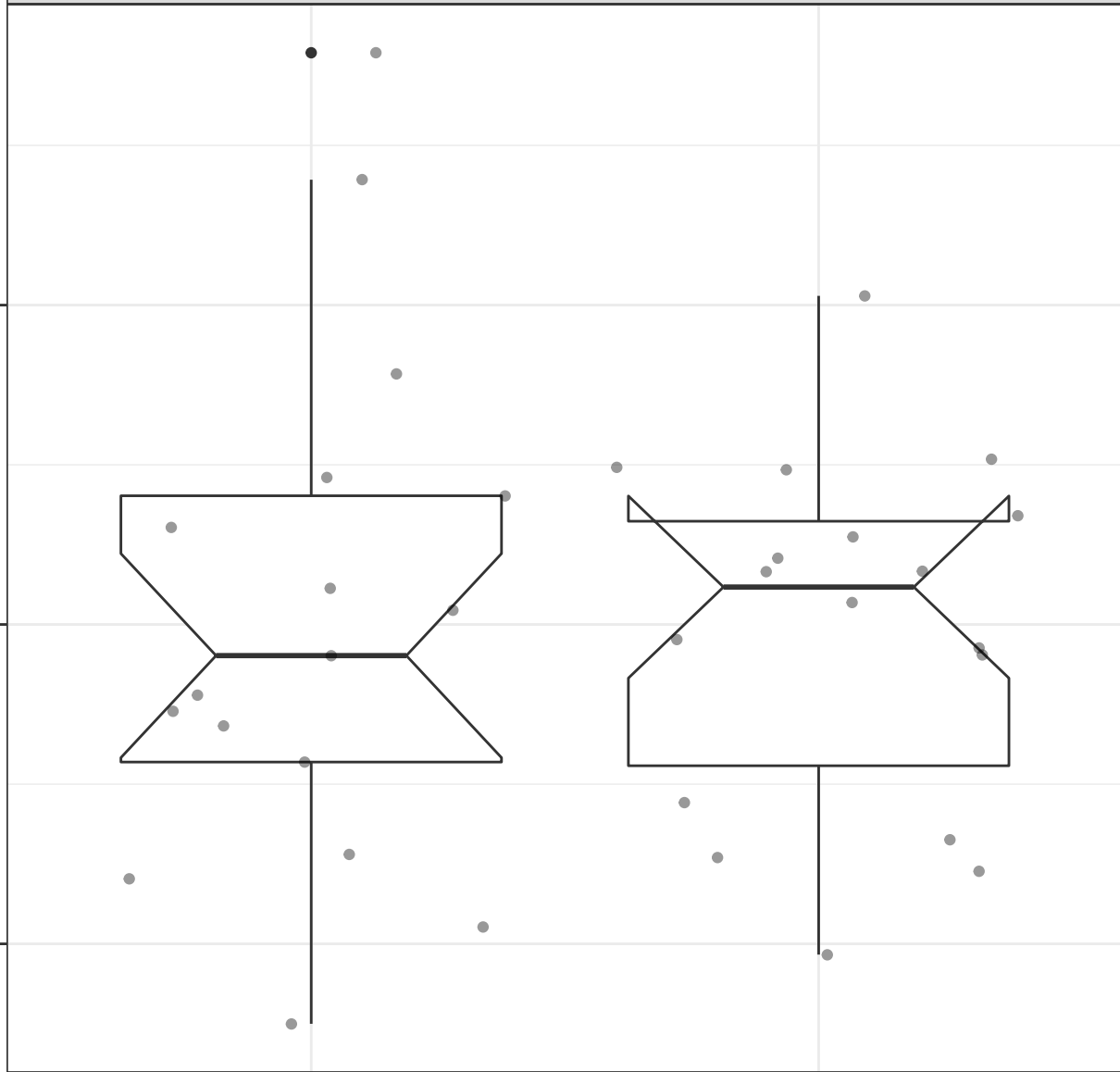
0.00

-0.02

control

FRDA

disease





Value

0.03

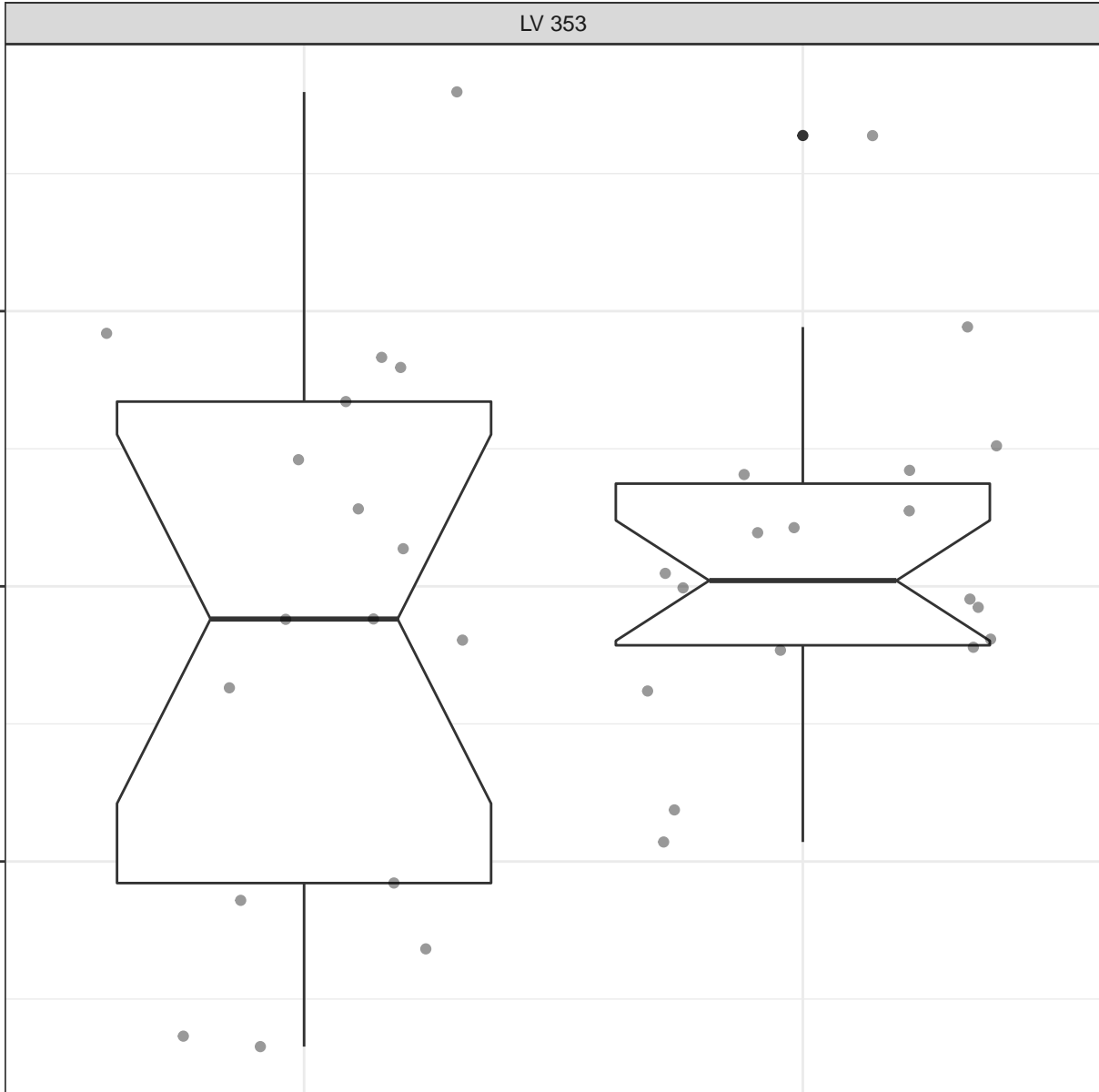
0.00

-0.03

control

disease

FRDA



Value

0.05

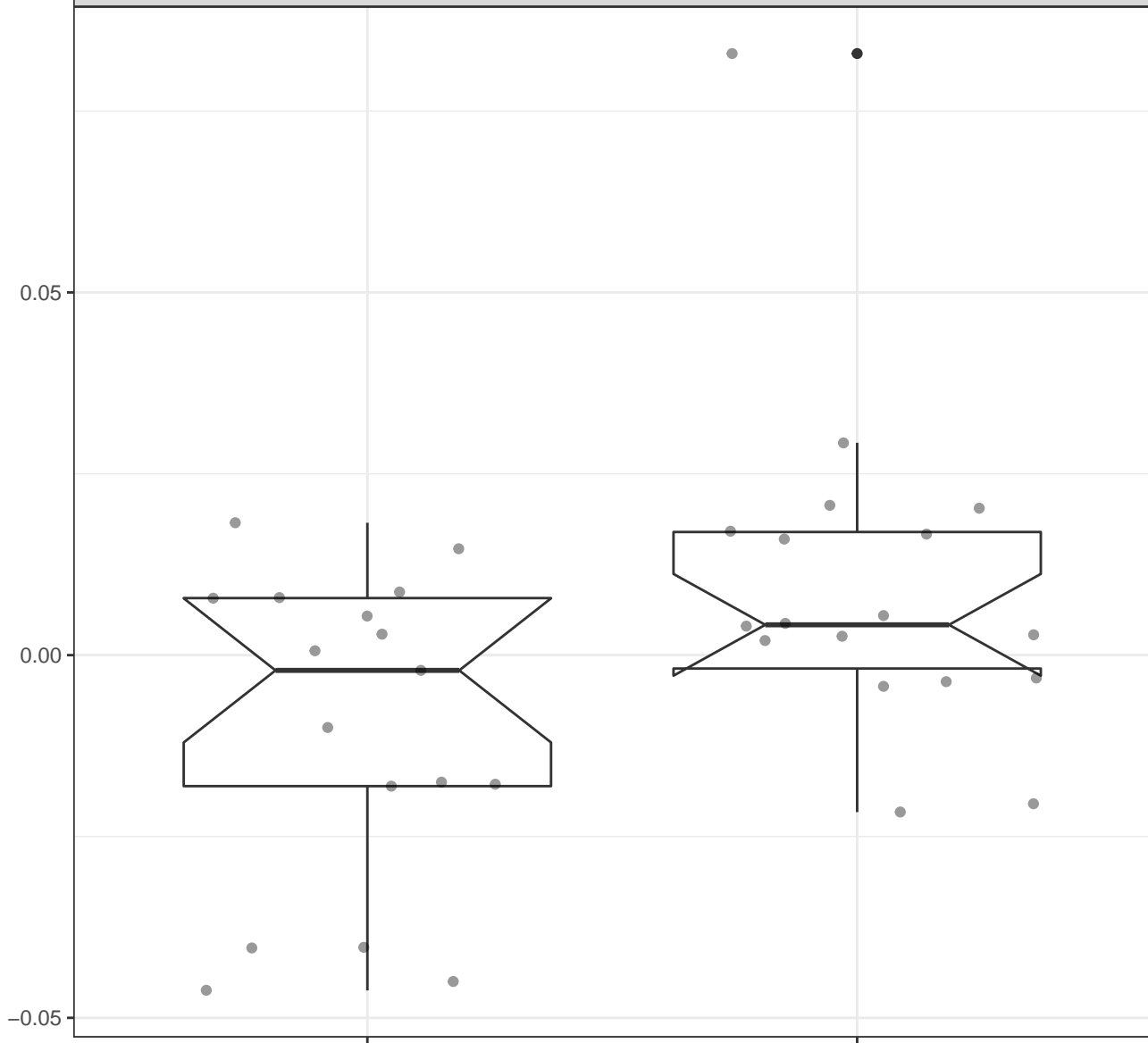
0.00

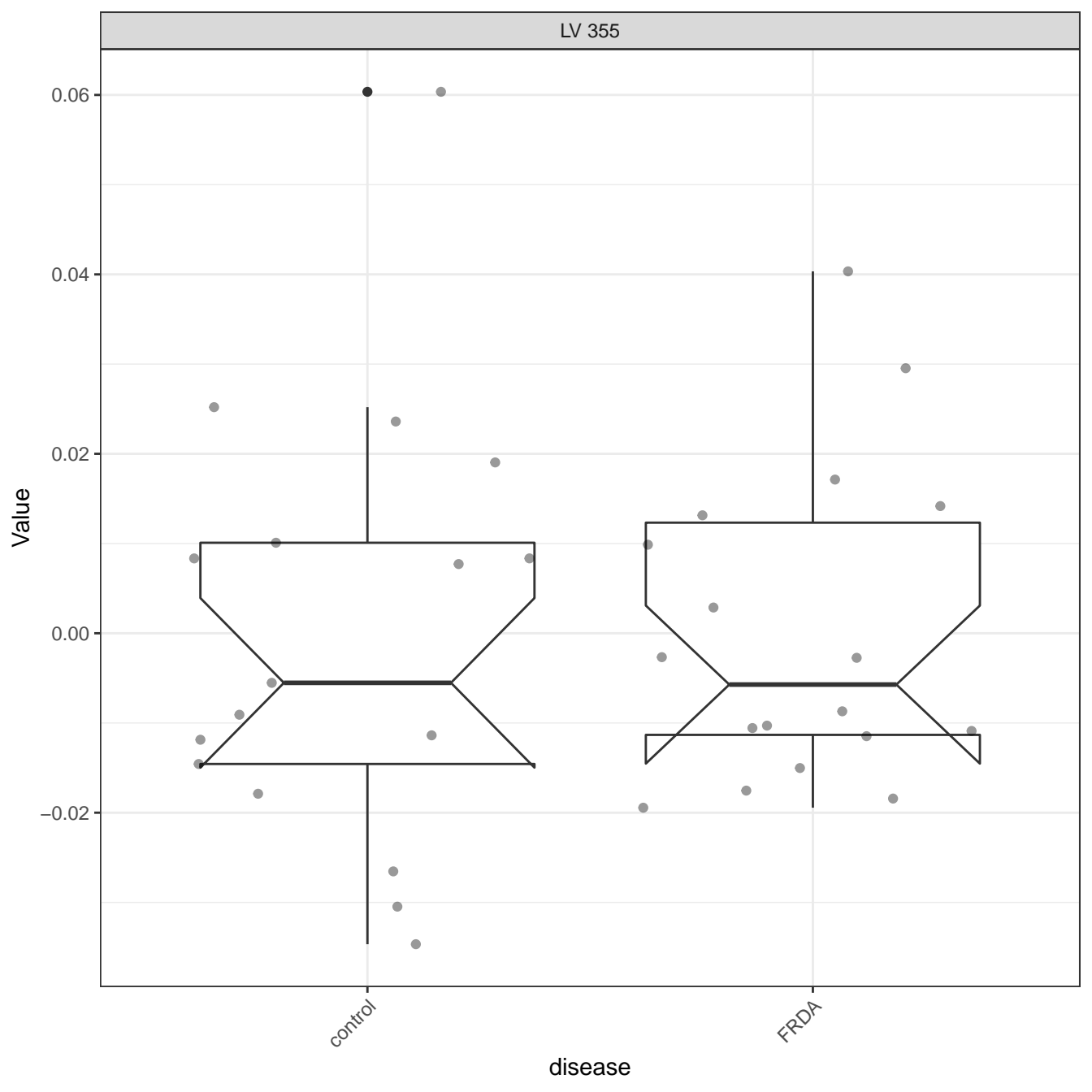
-0.05

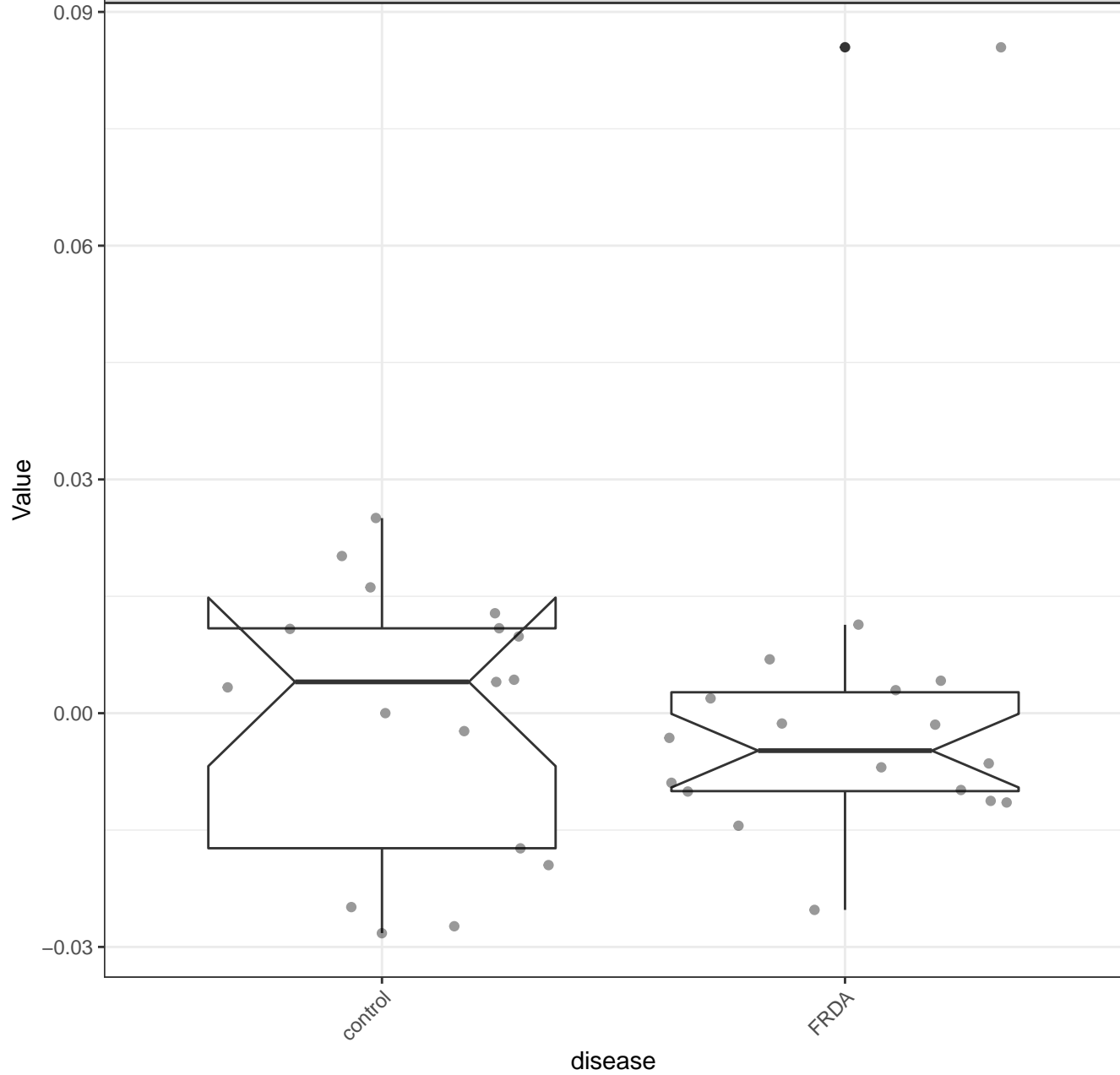
control

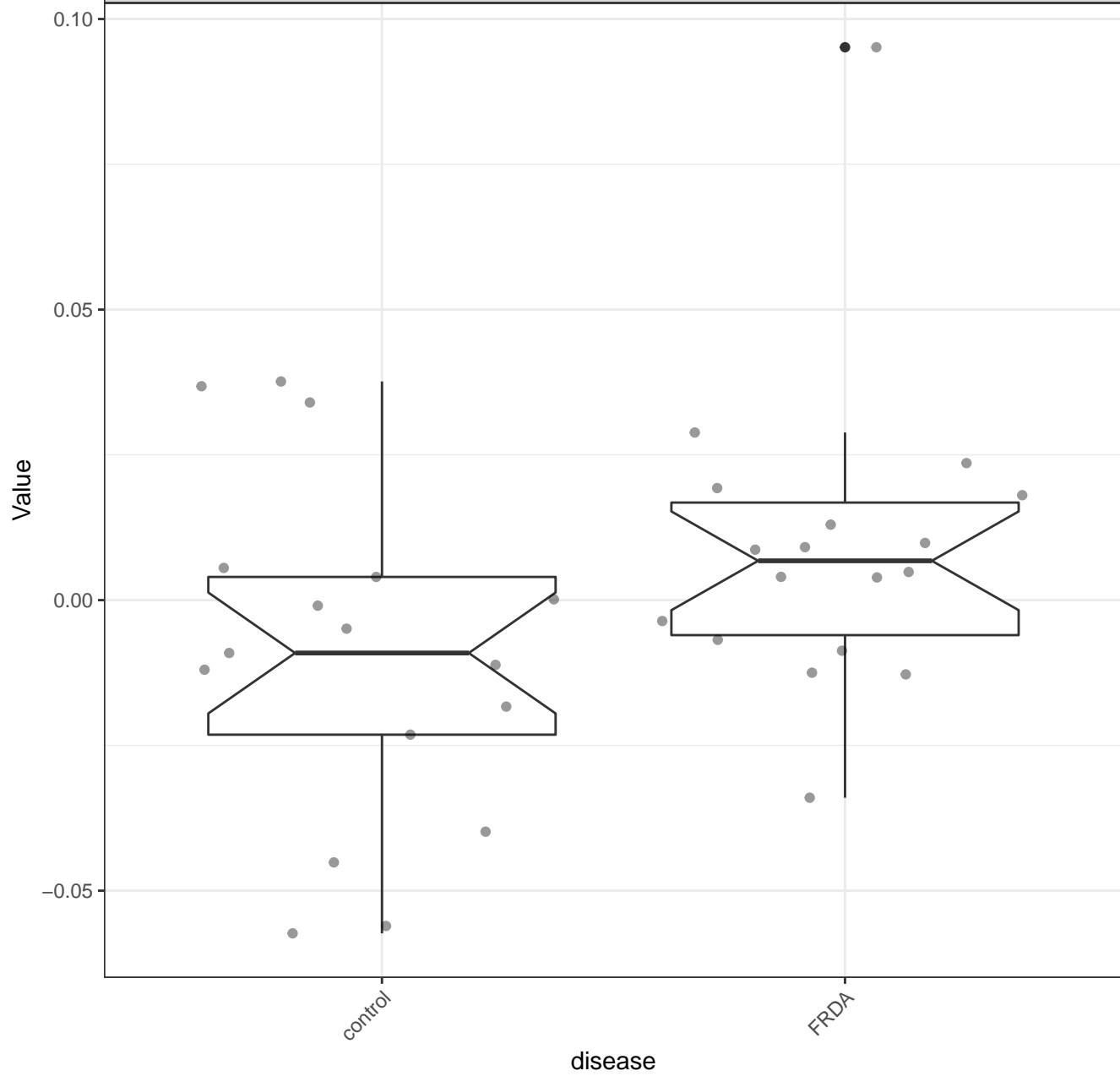
FRDA

disease









LV 358

Value

0.025

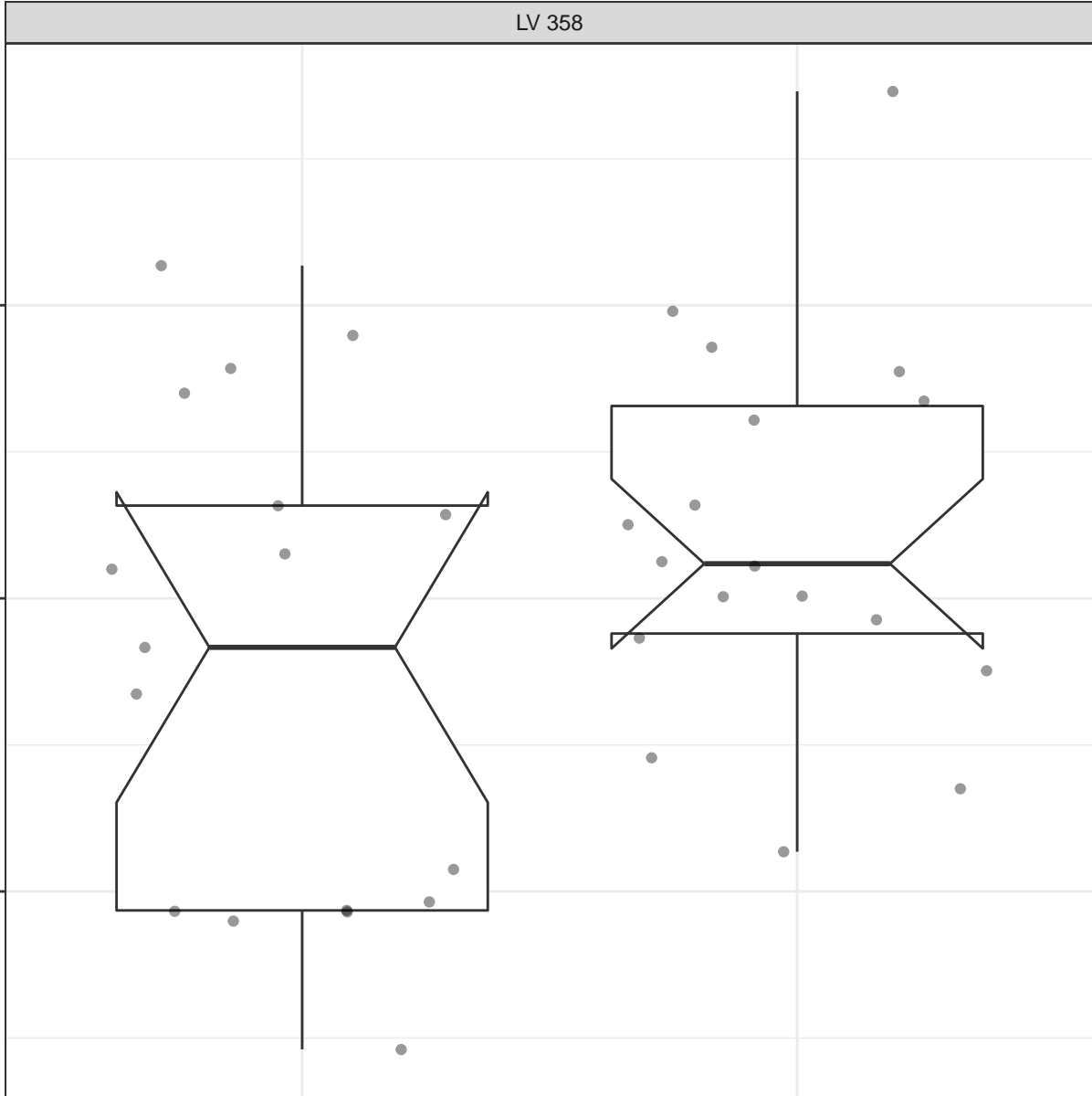
0.000

-0.025

control

FRDA

disease



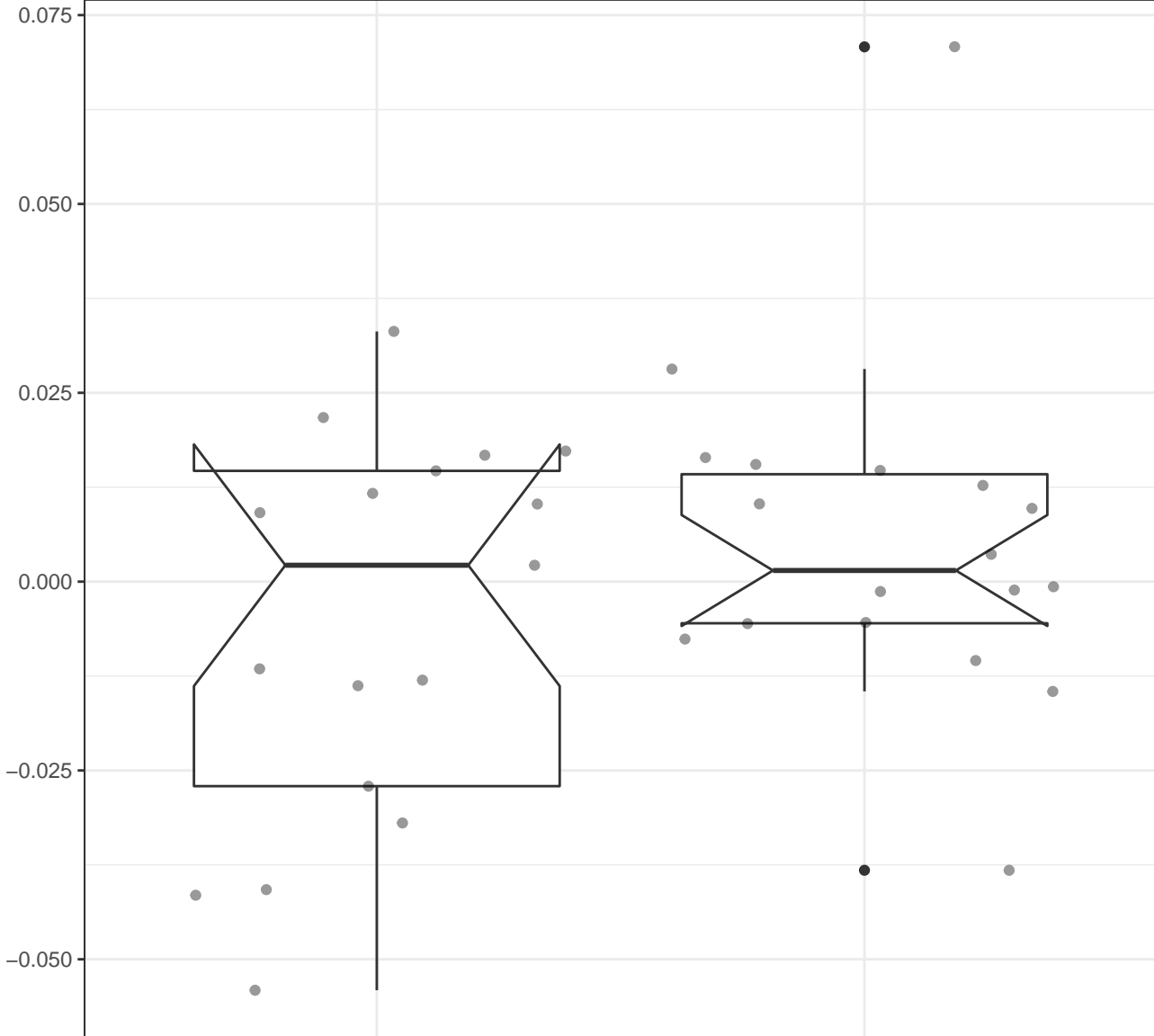
LV 359

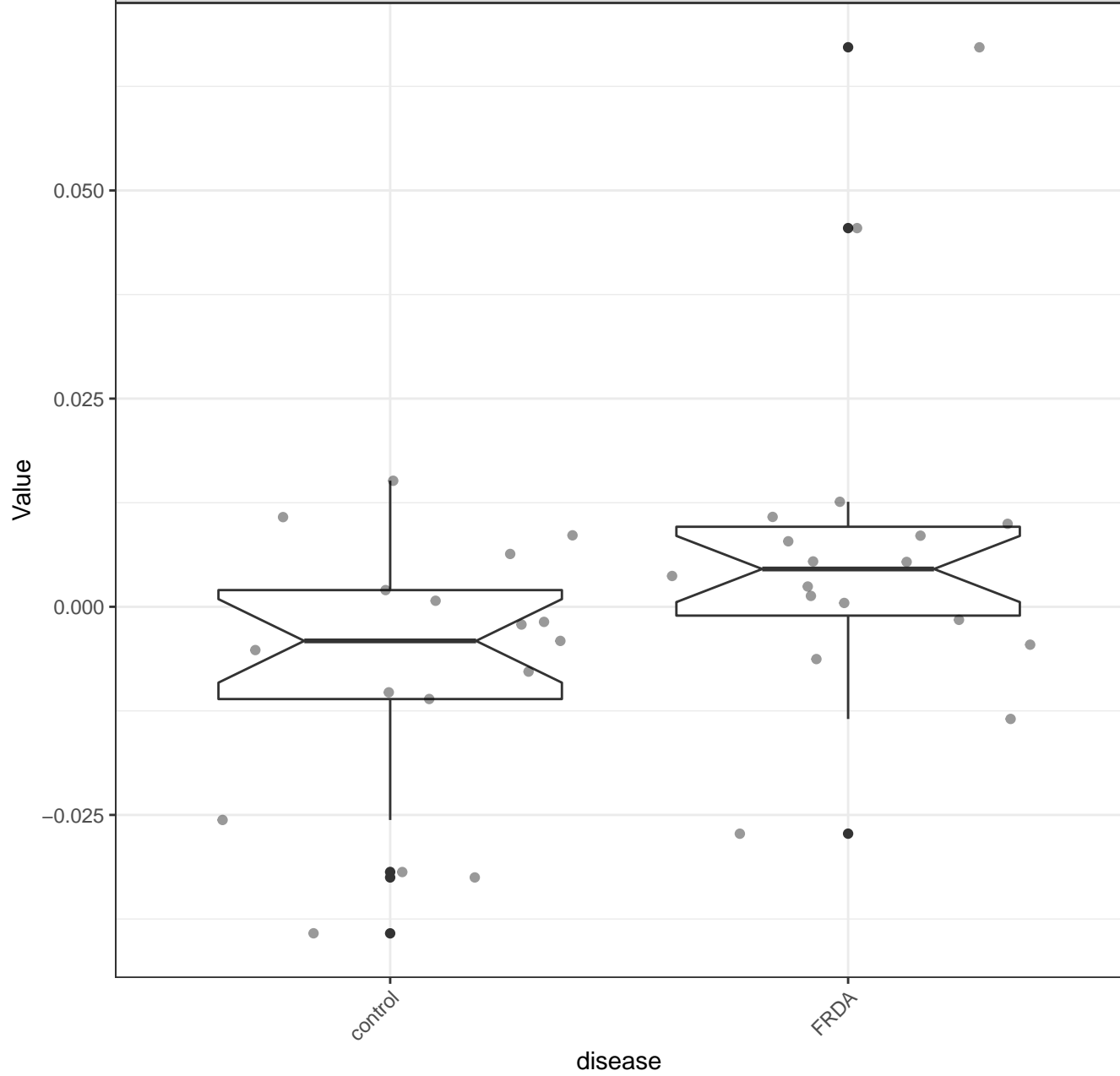
Value

control

FRDA

disease







Value

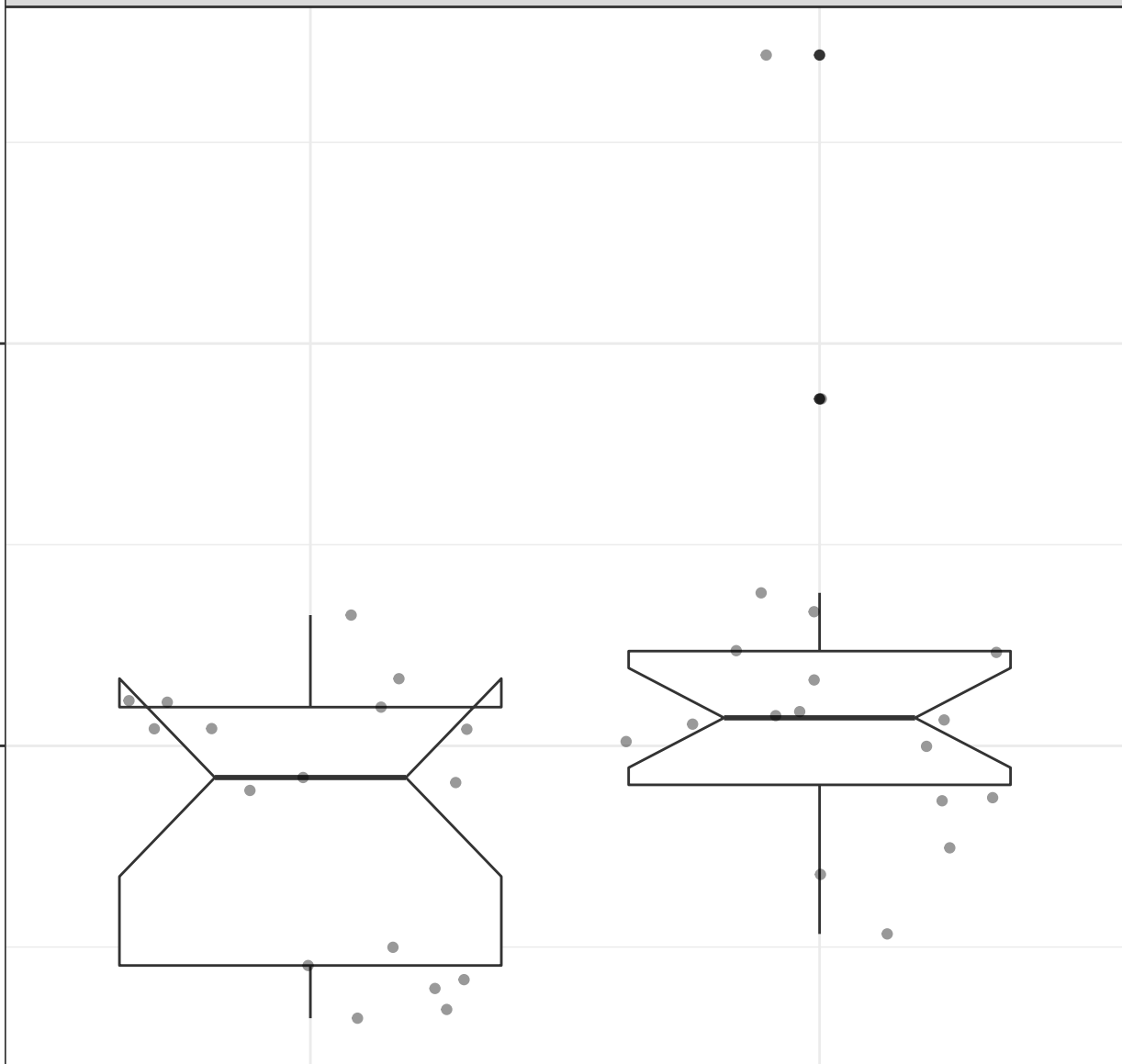
0.05

0.00

control

disease

FRDA





disease

control

FRDA

Value

0.04

0.02

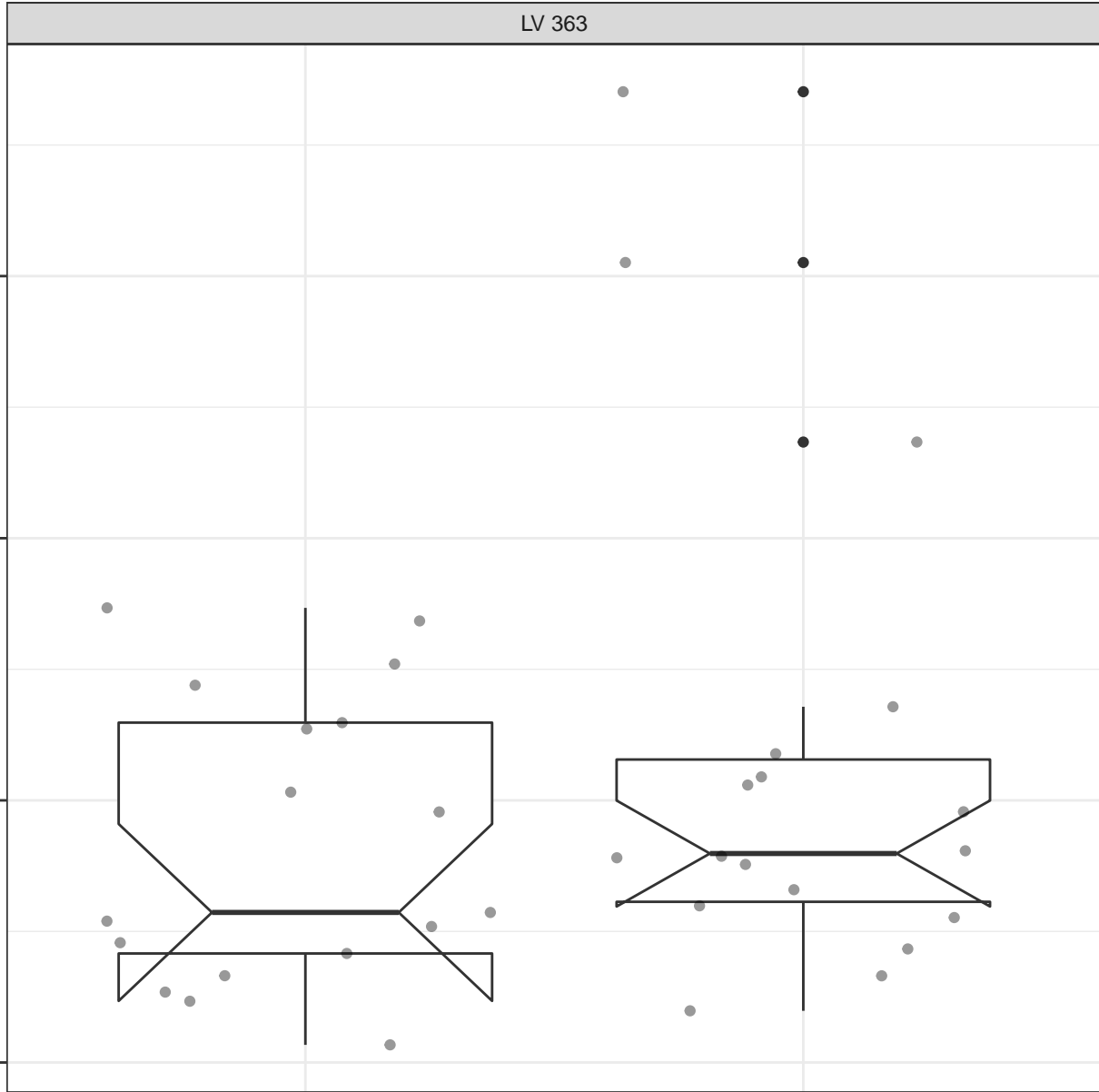
0.00

-0.02

control

FRDA

disease



LV 364

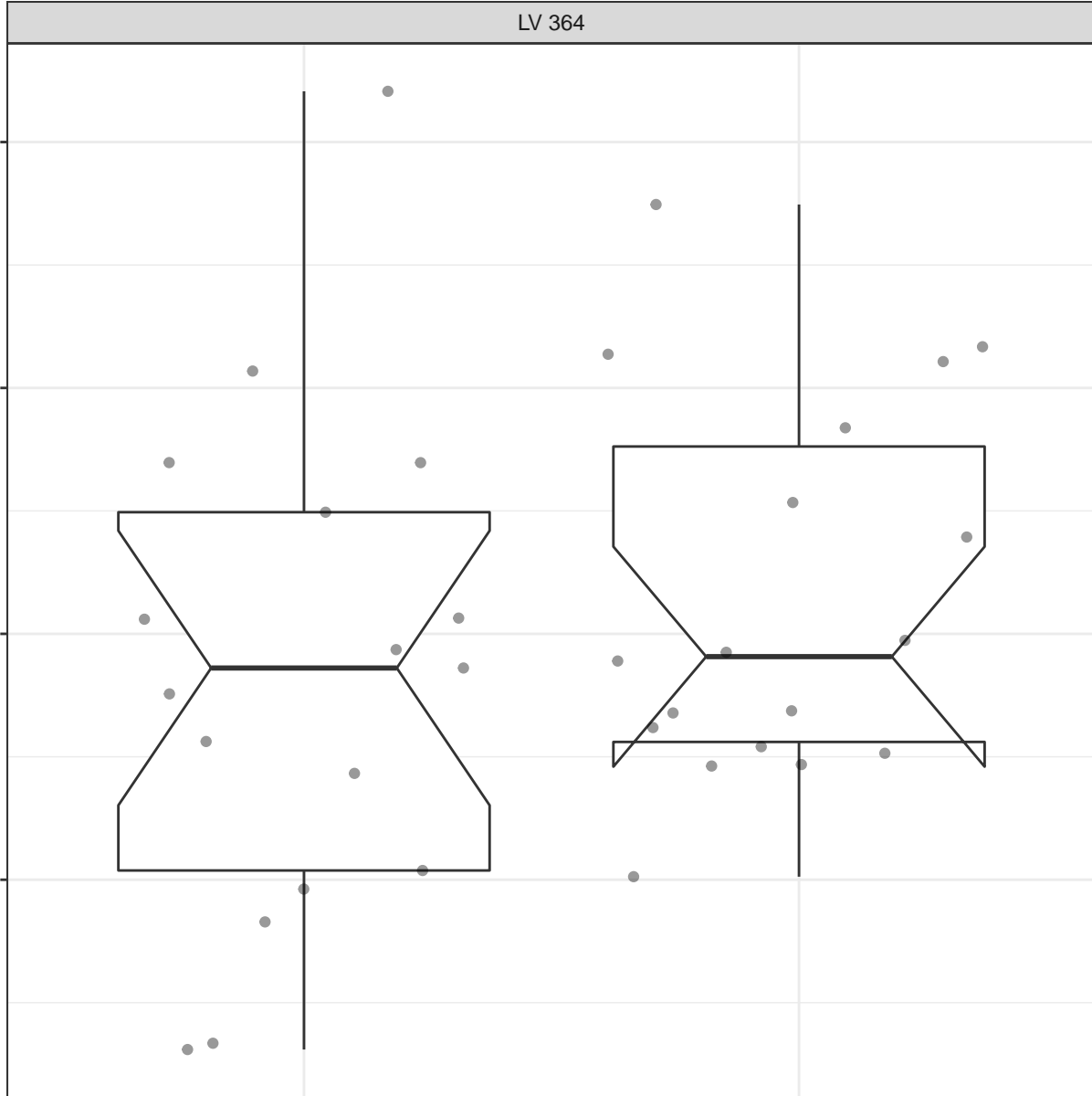
Value

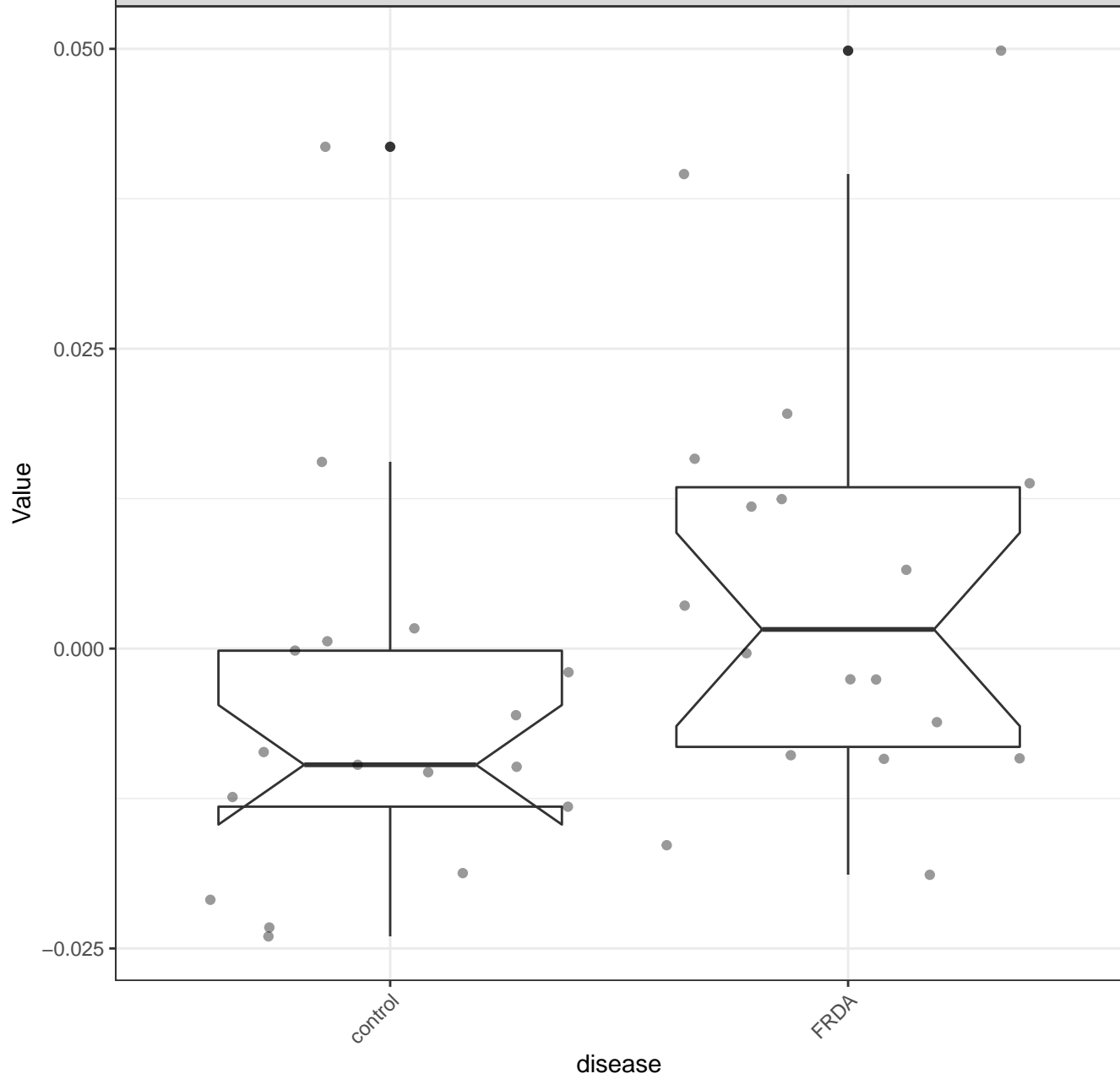
control

FRDA

disease

0.050  
0.025  
0.000  
-0.025





Value

0.050

0.025

0.000

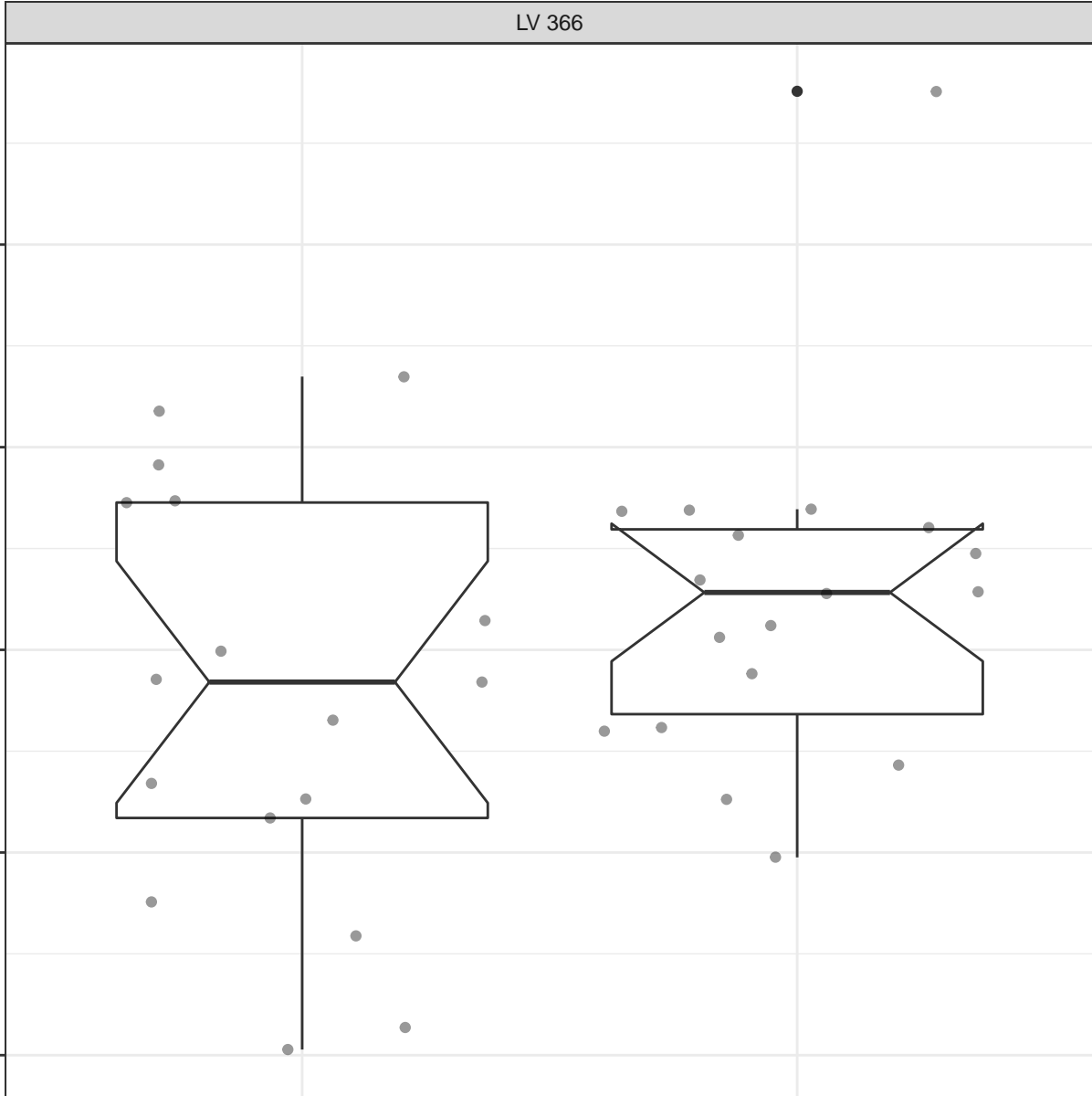
-0.025

-0.050

control

FRDA

disease



Value

0.050

0.025

0.000

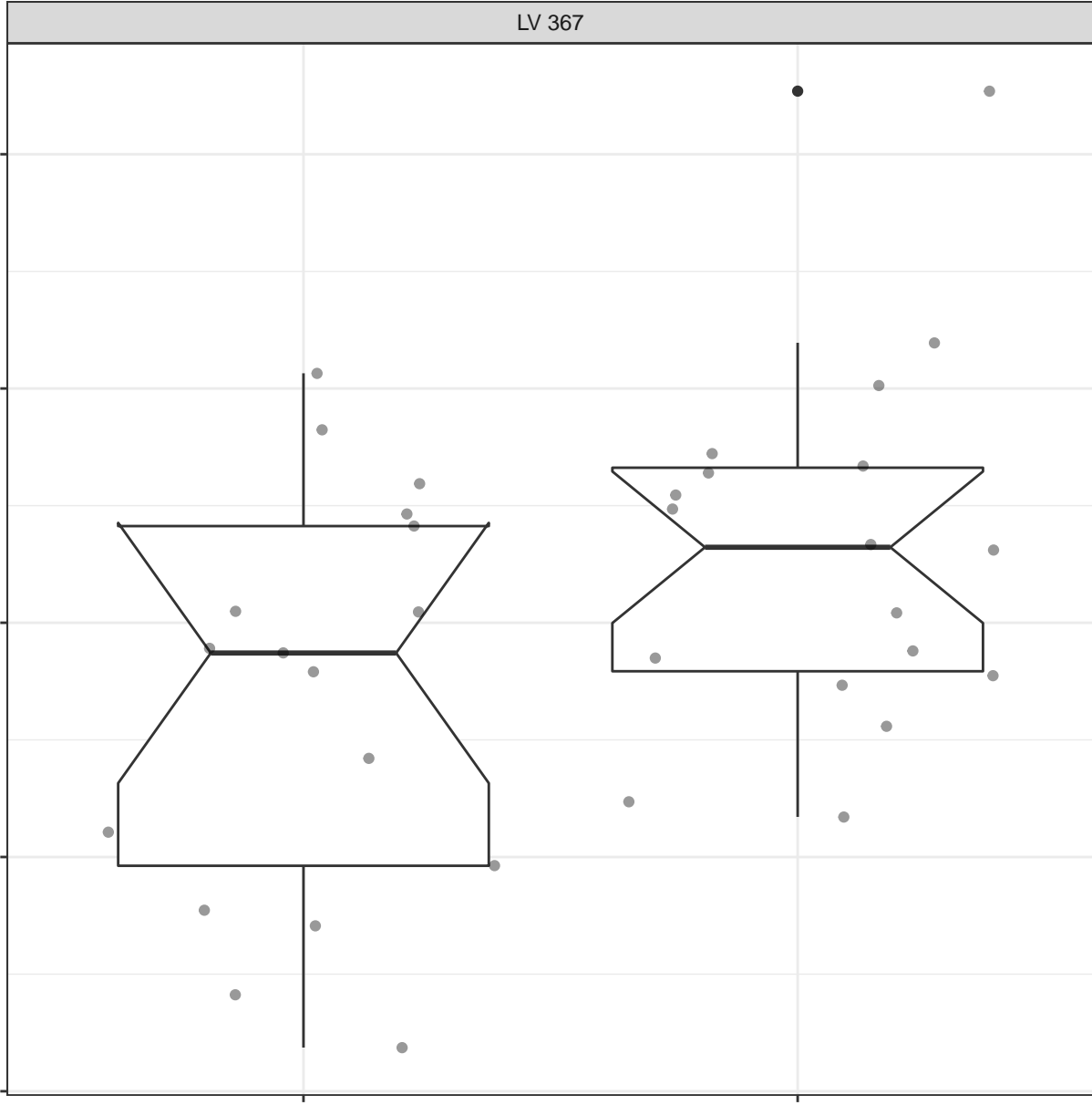
-0.025

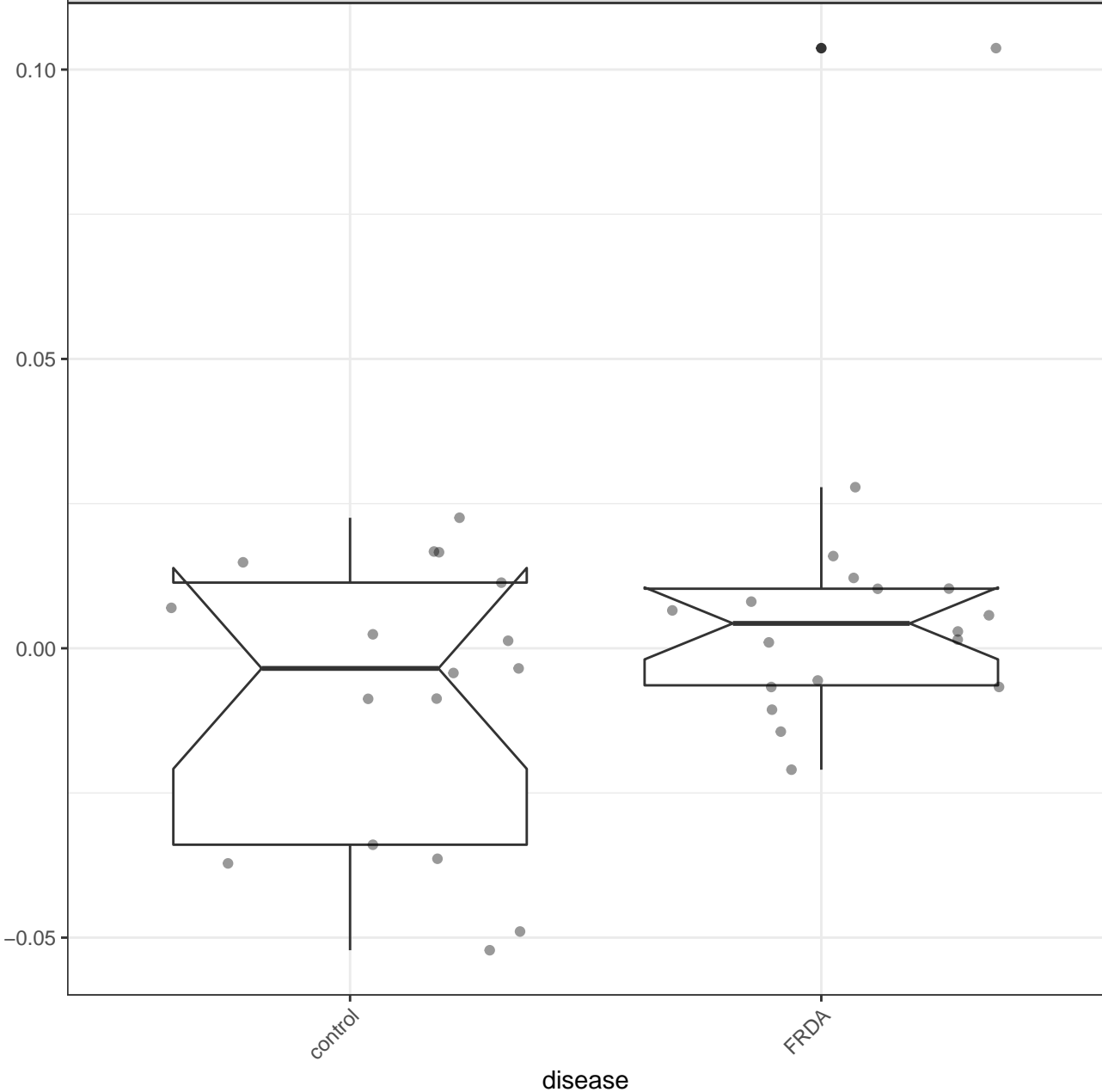
-0.050

control

disease

FRDA







Value

0.025

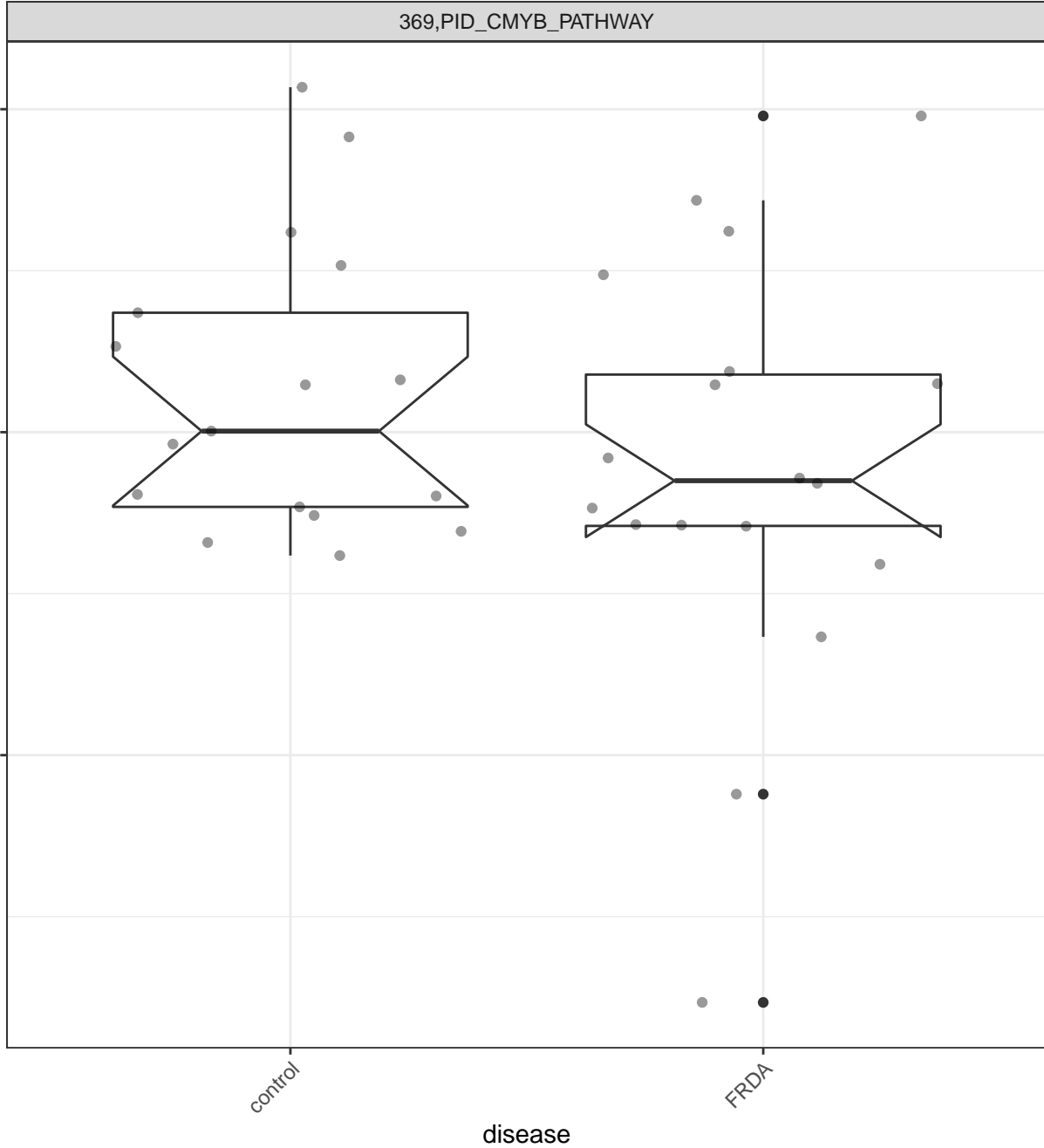
0.000

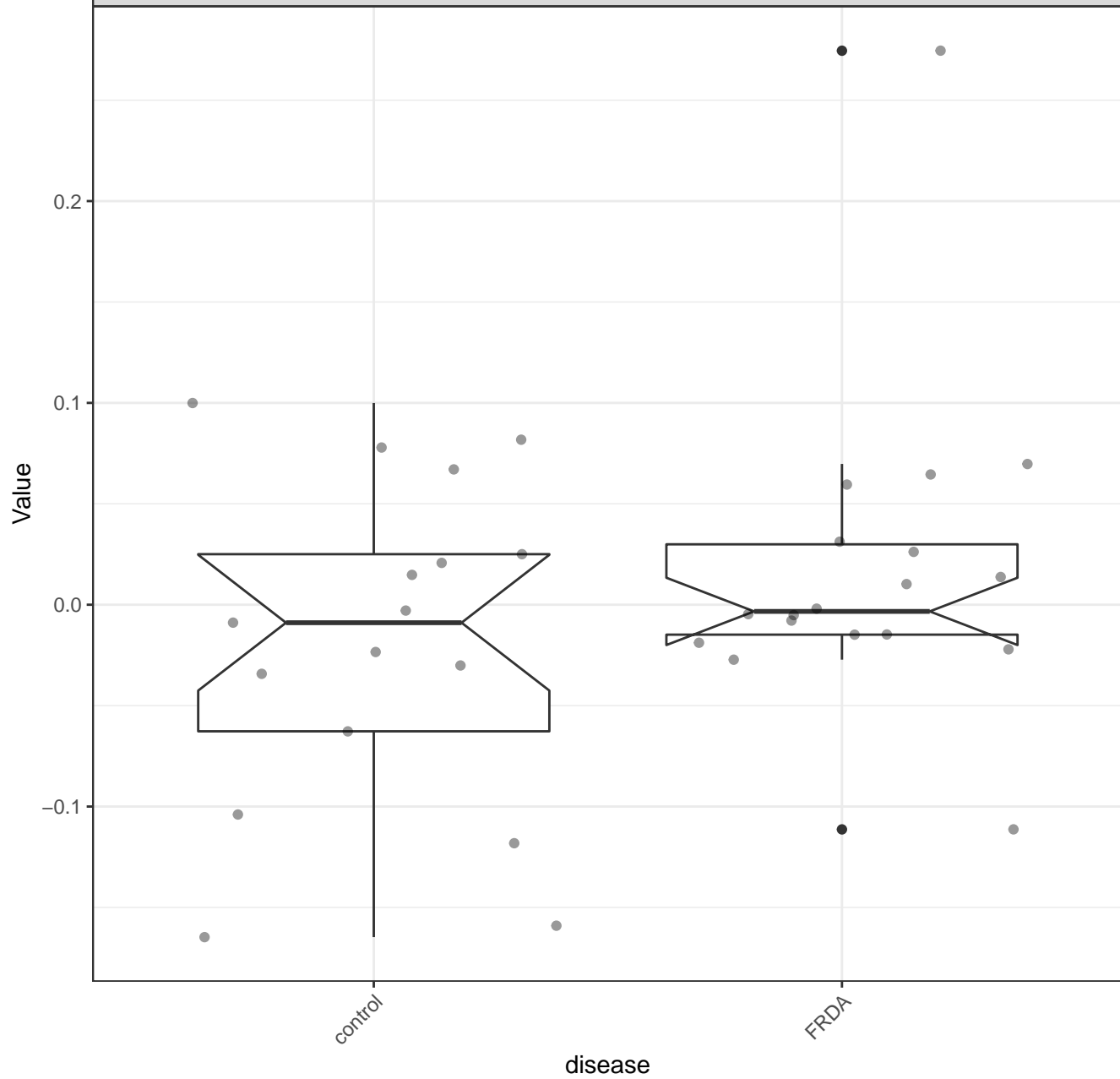
-0.025

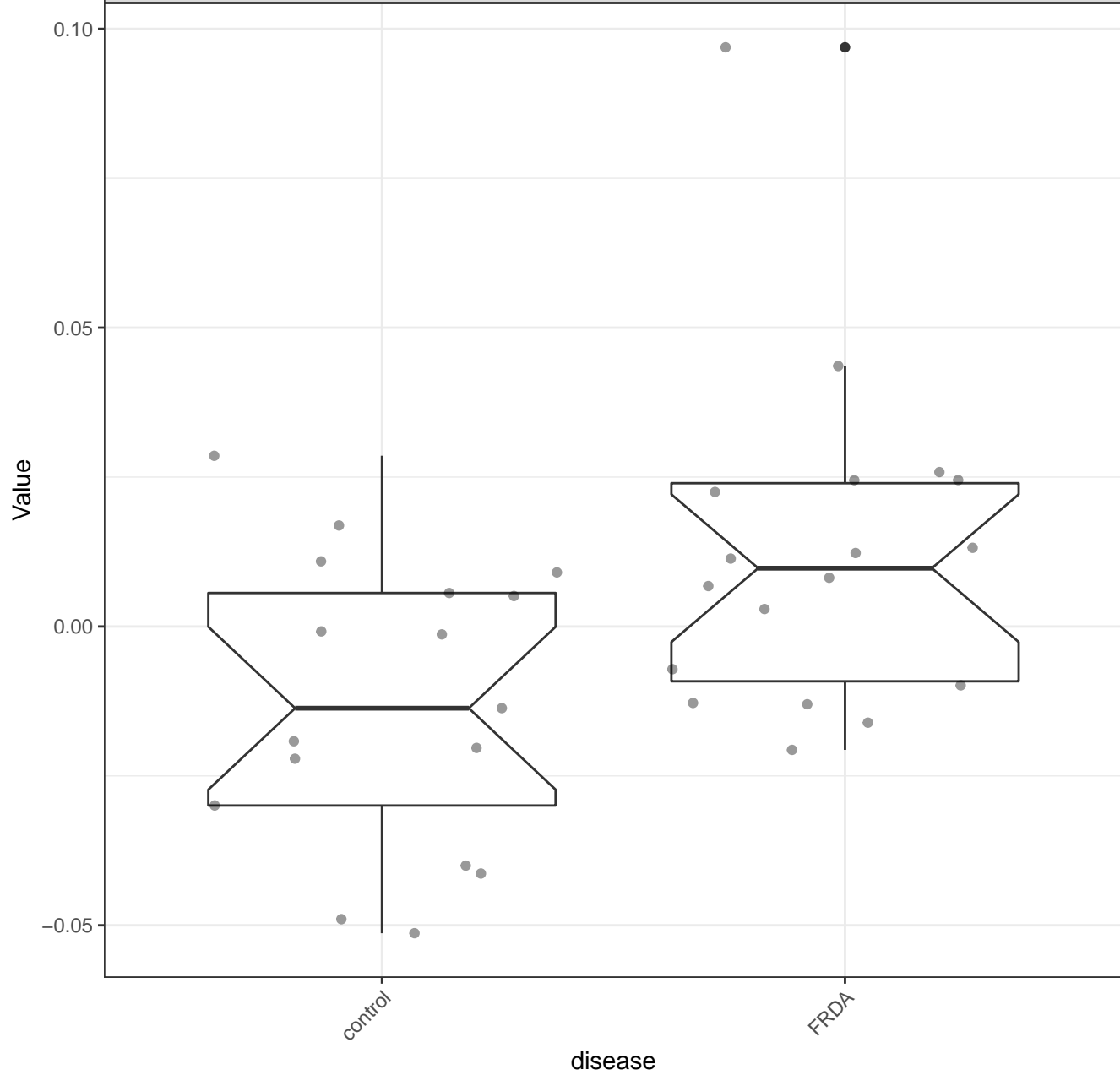
control

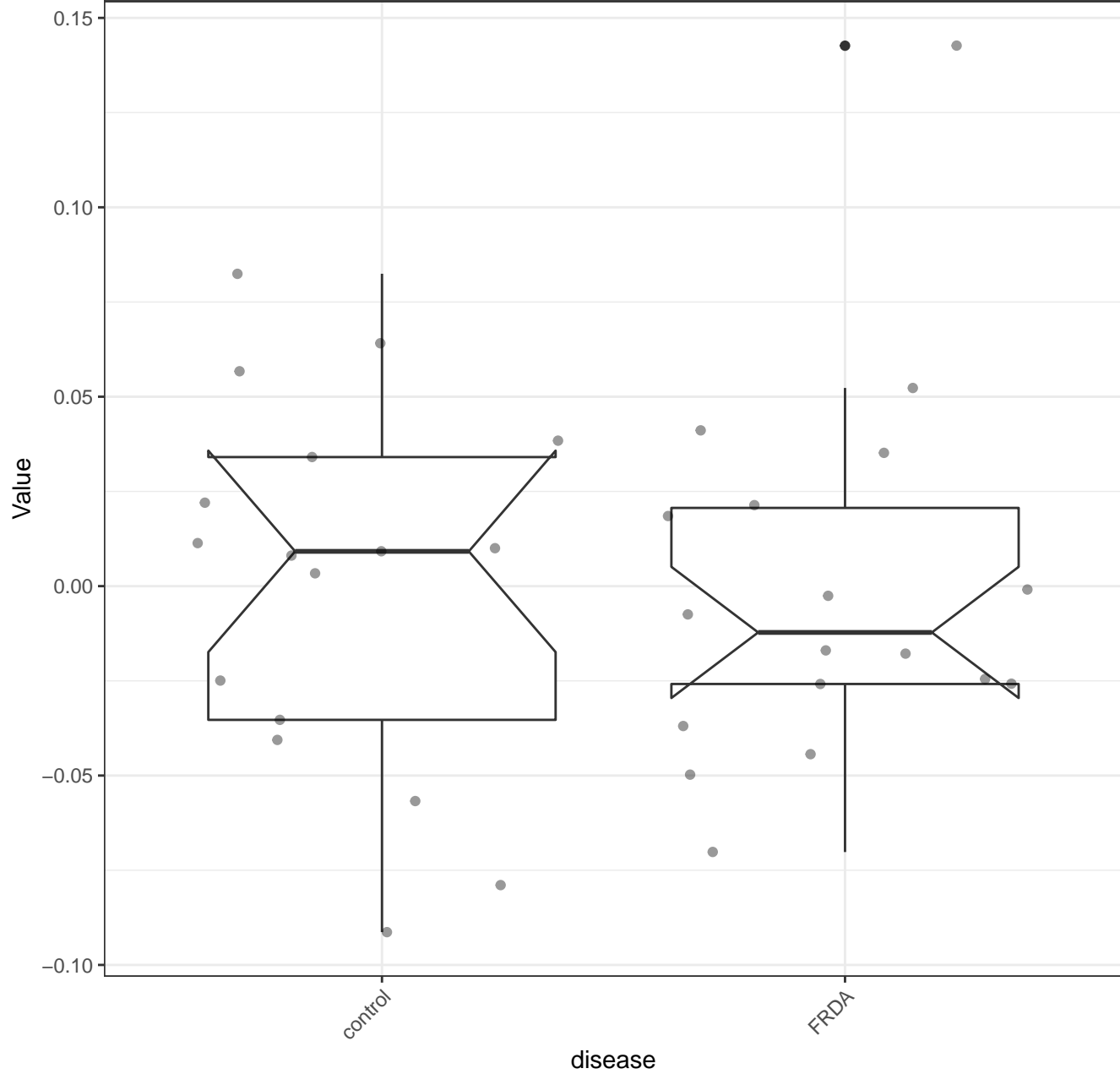
disease

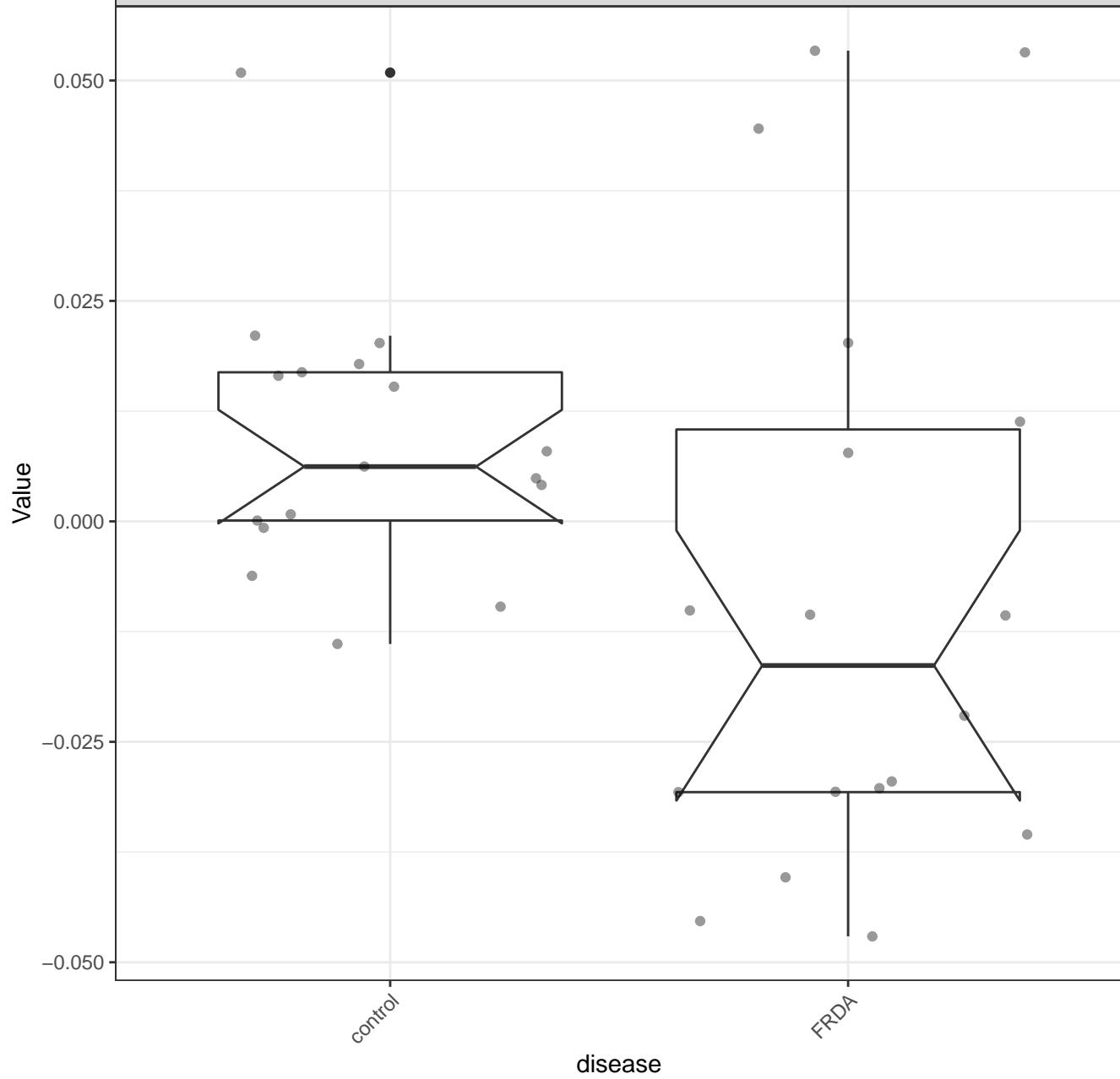
FRDA

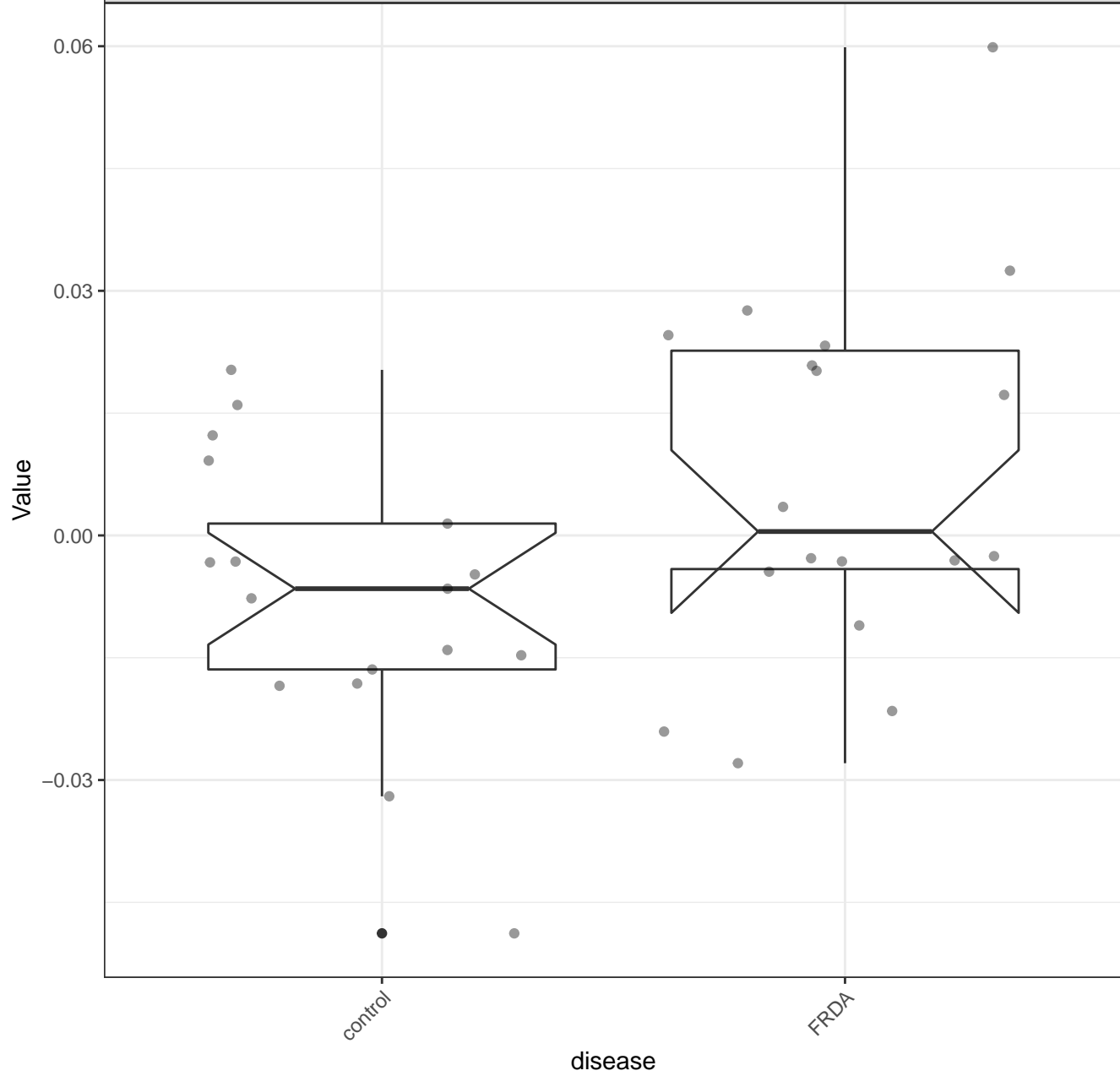


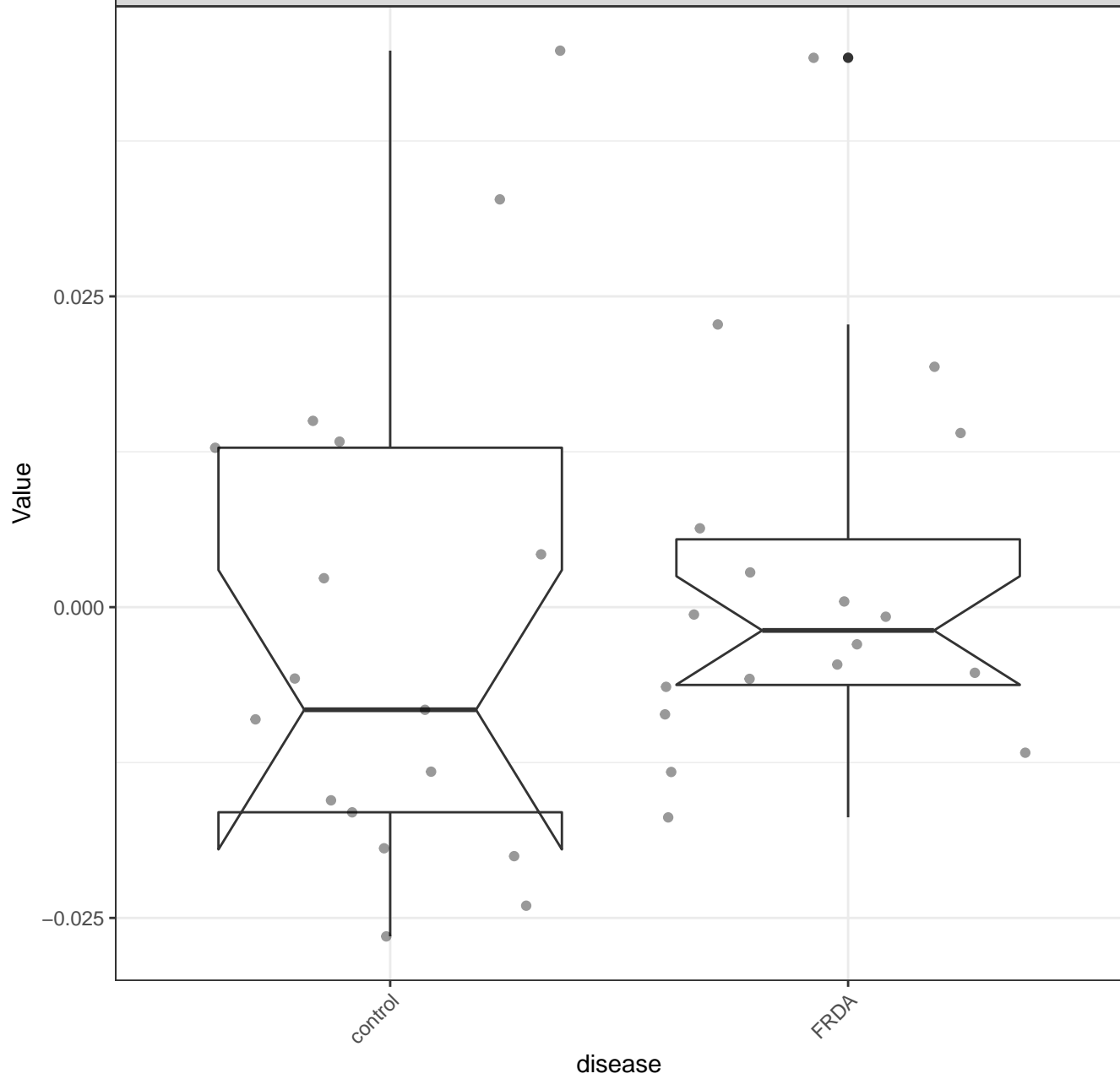


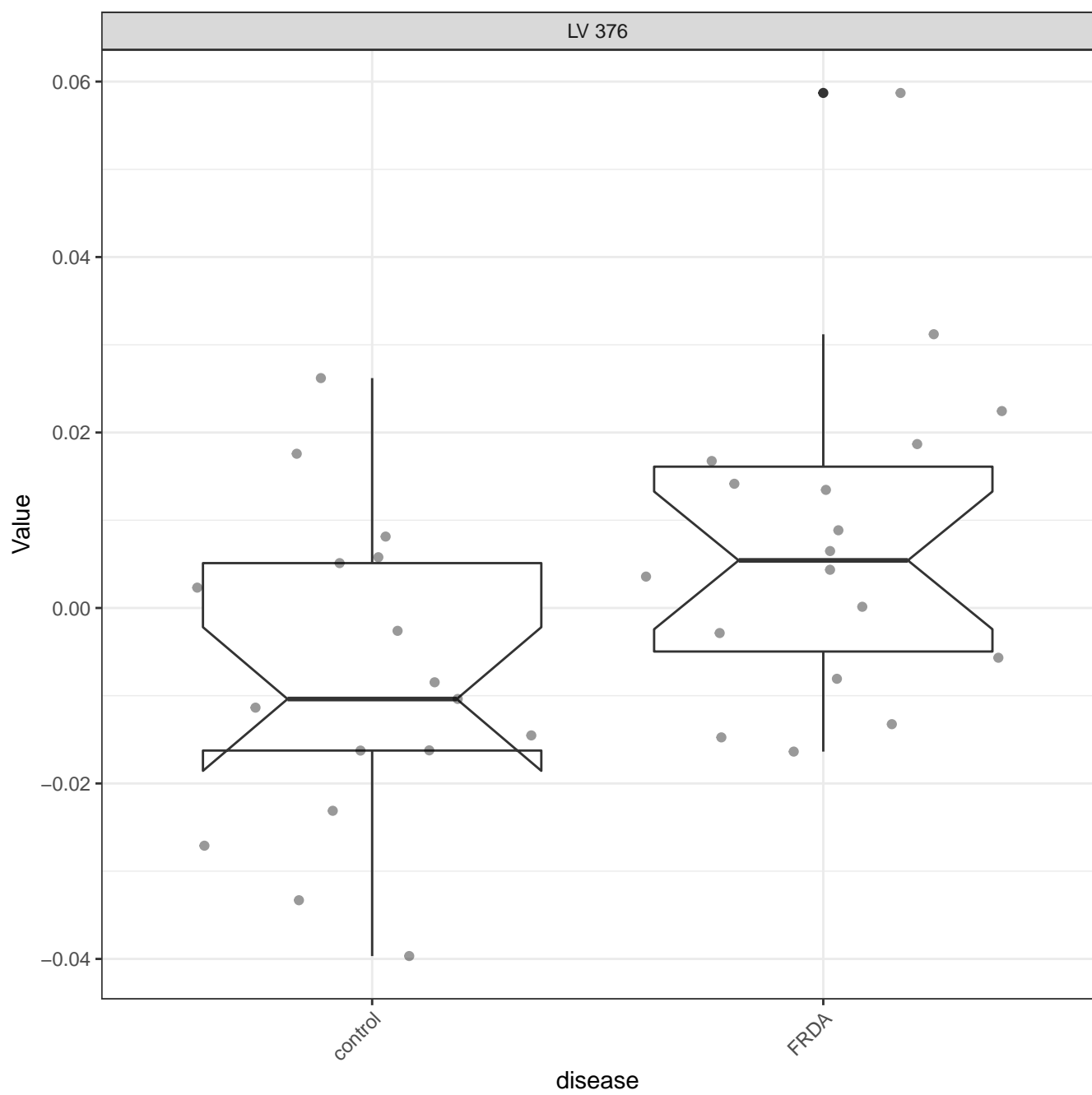














Value

0.05

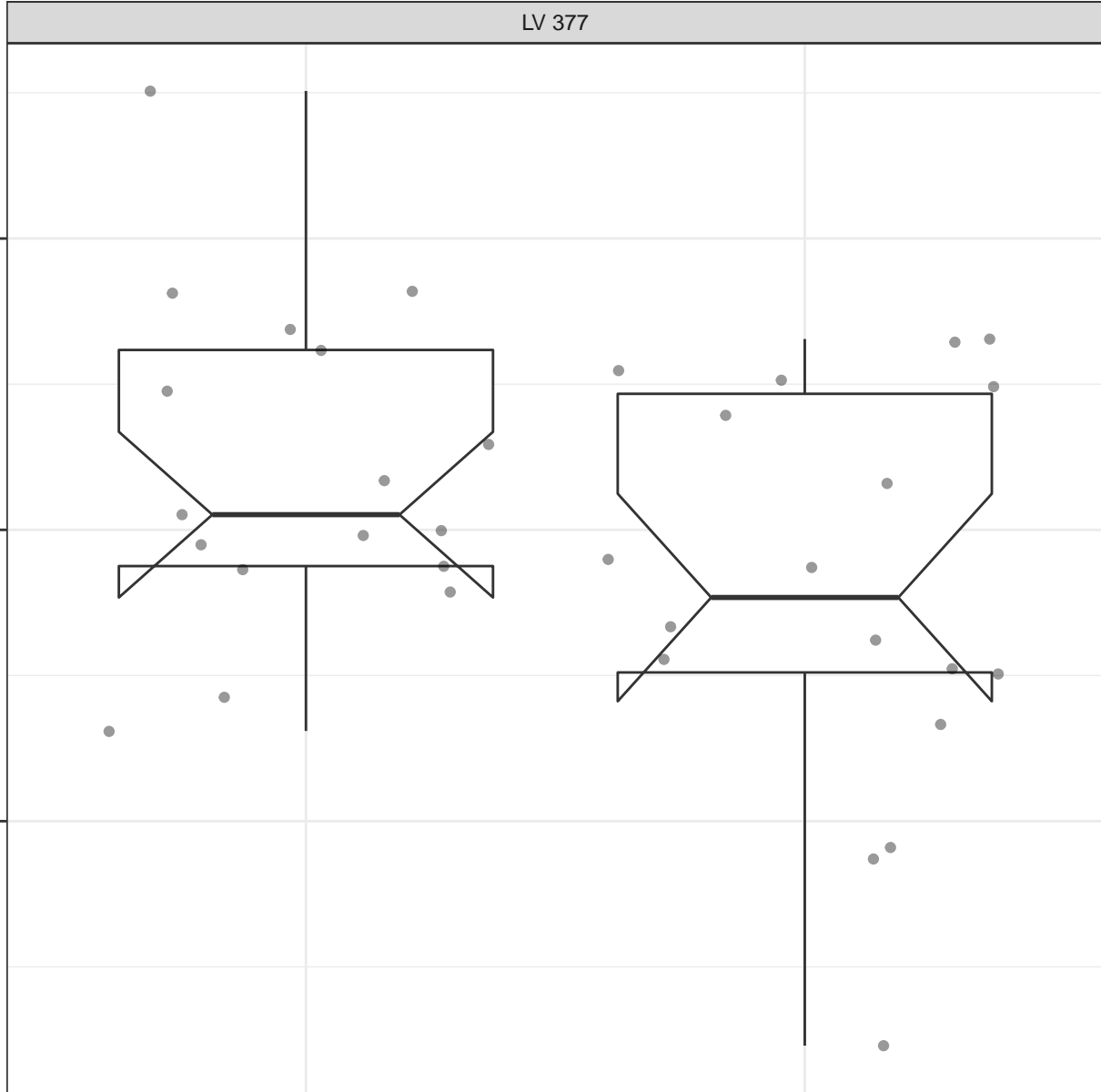
0.00

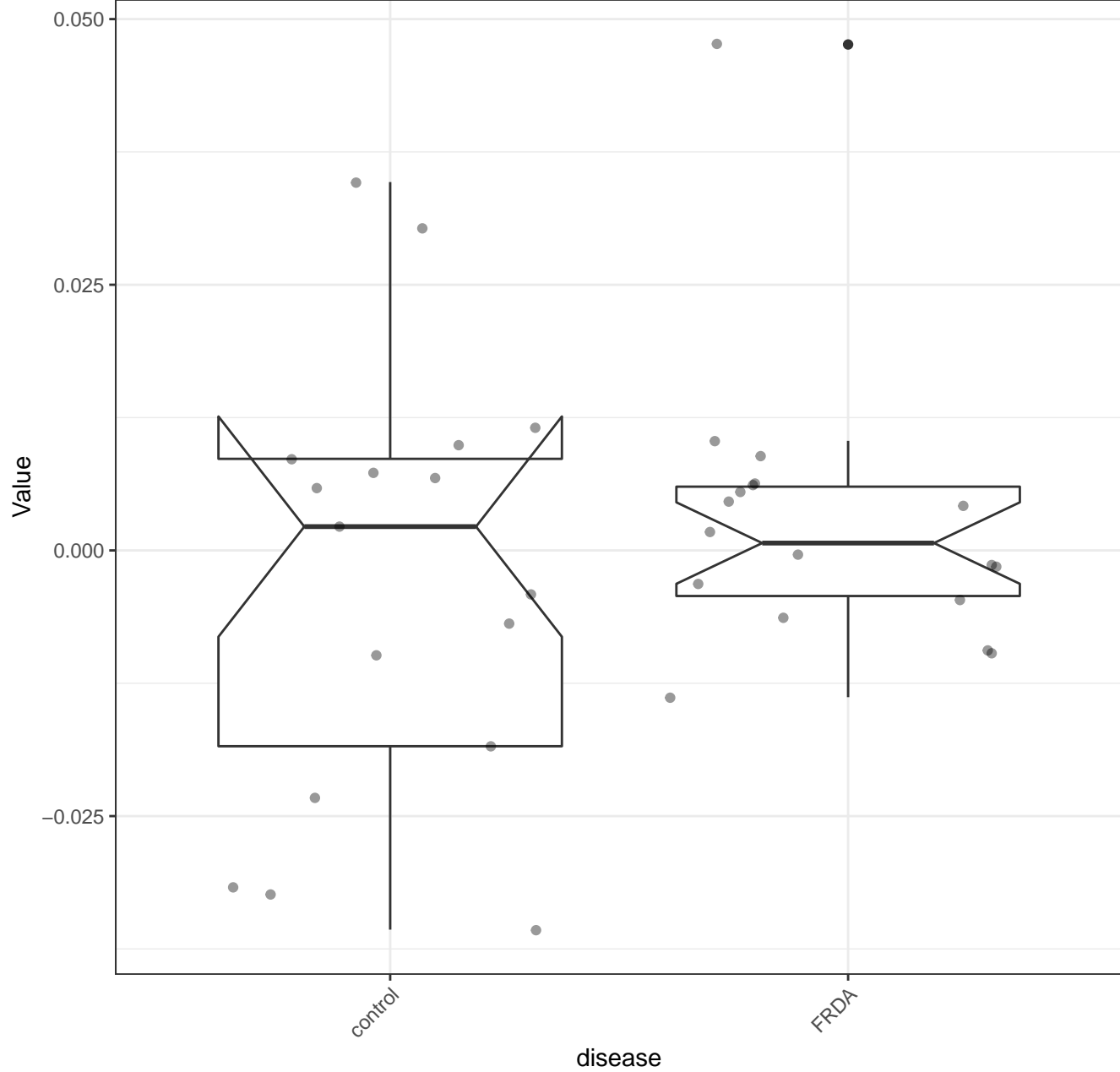
-0.05

control

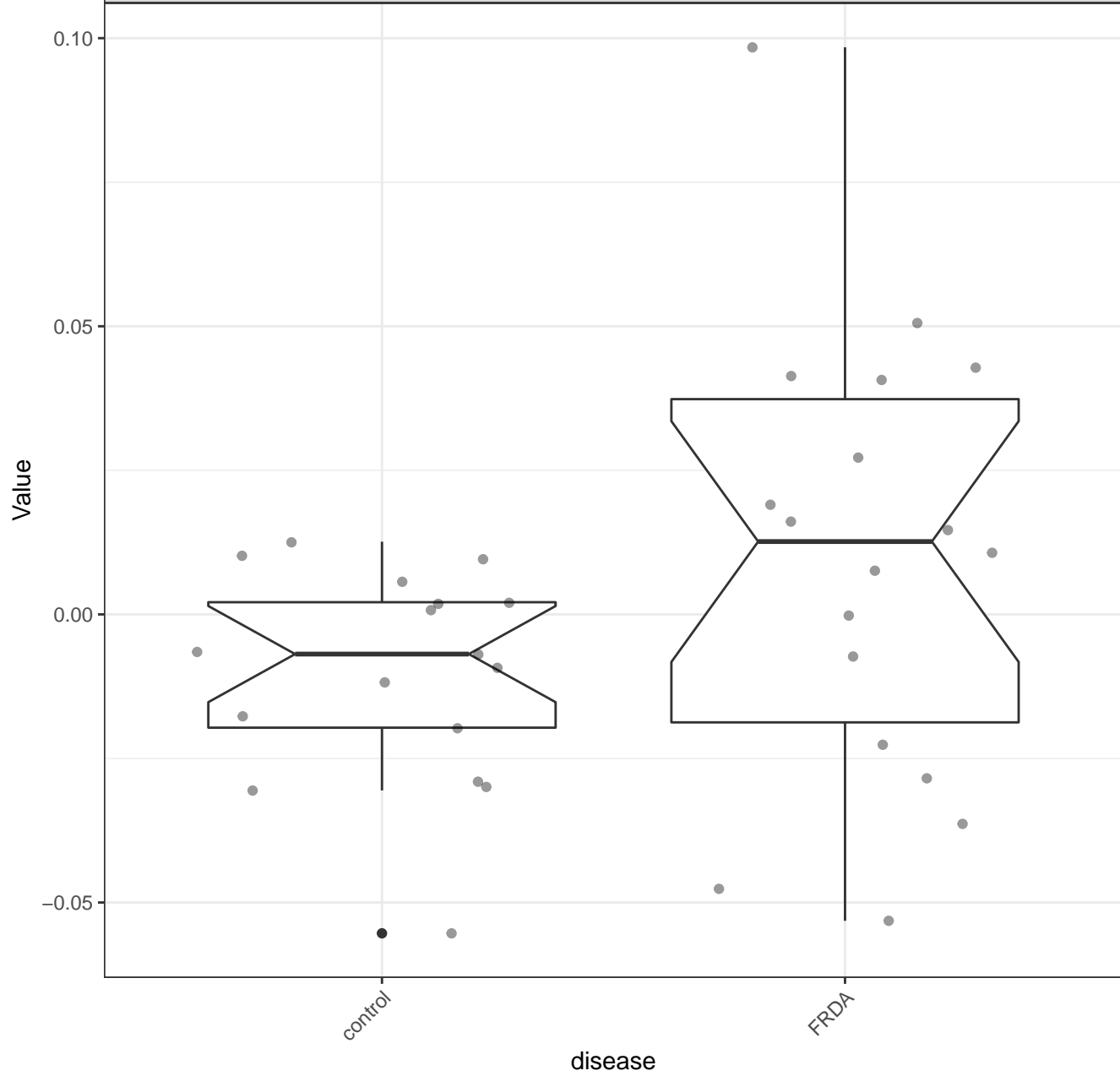
disease

FRDA





379,KEGG\_LYSOSOME



Value

0.025

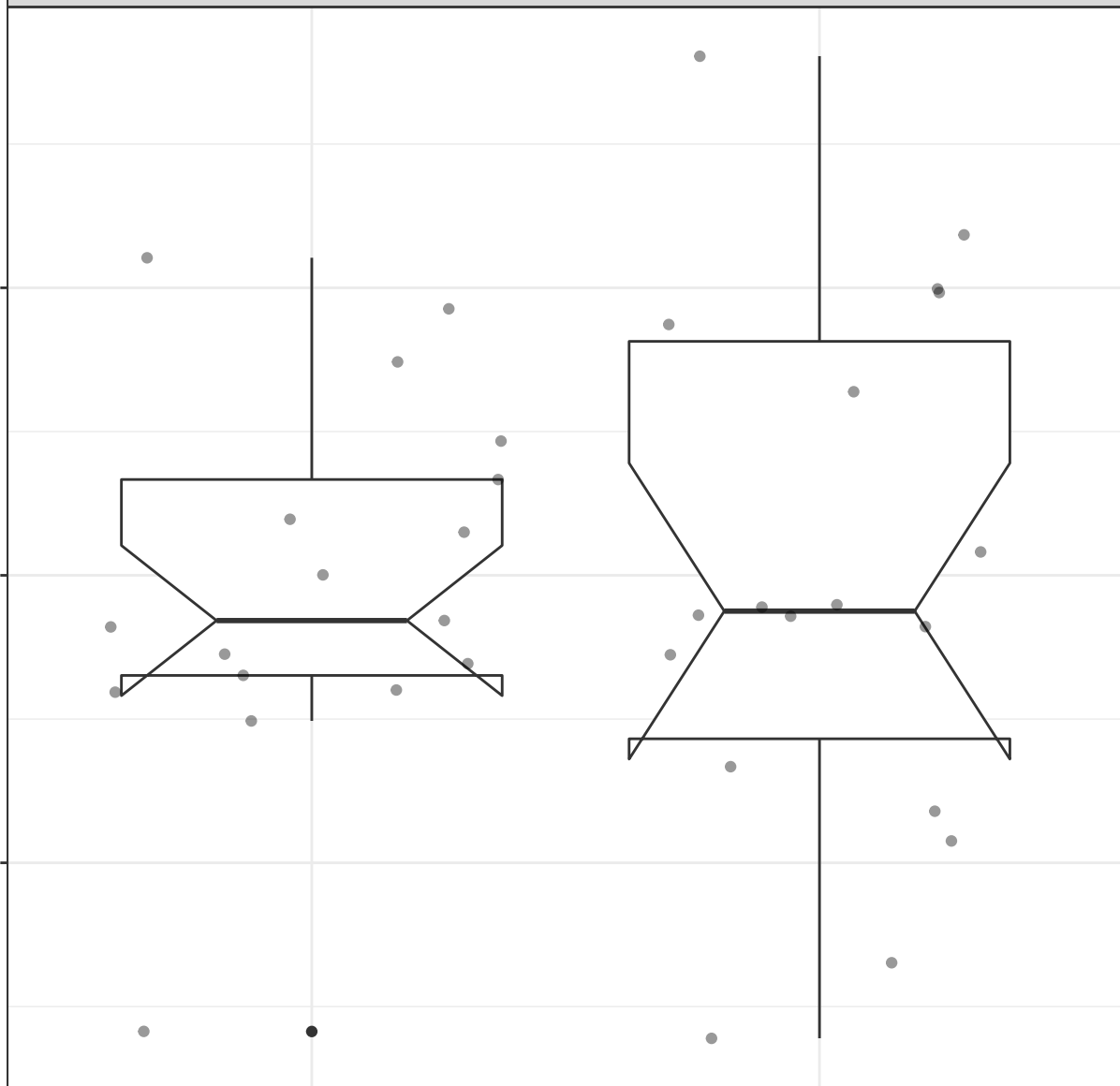
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-0.025

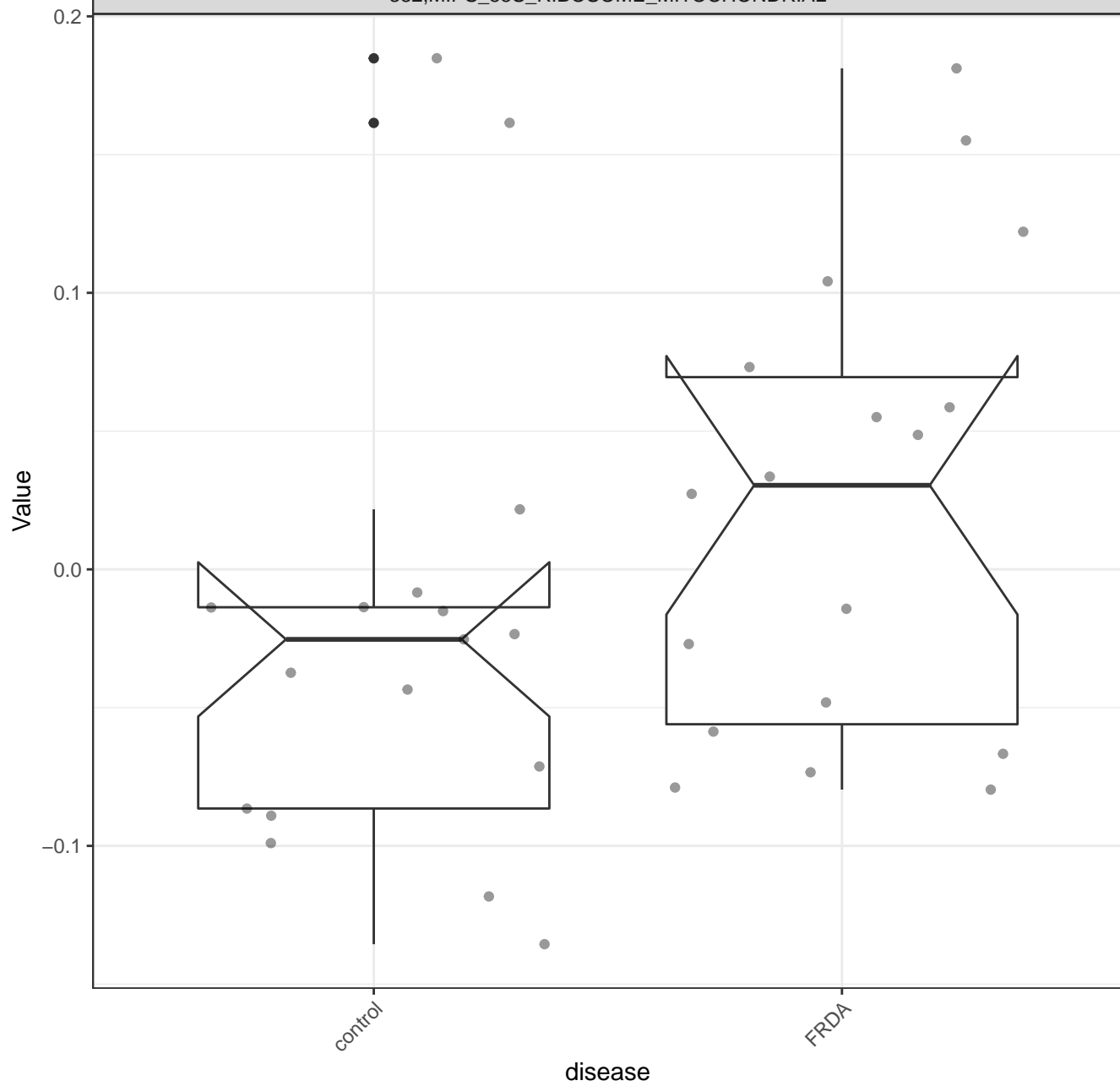
control

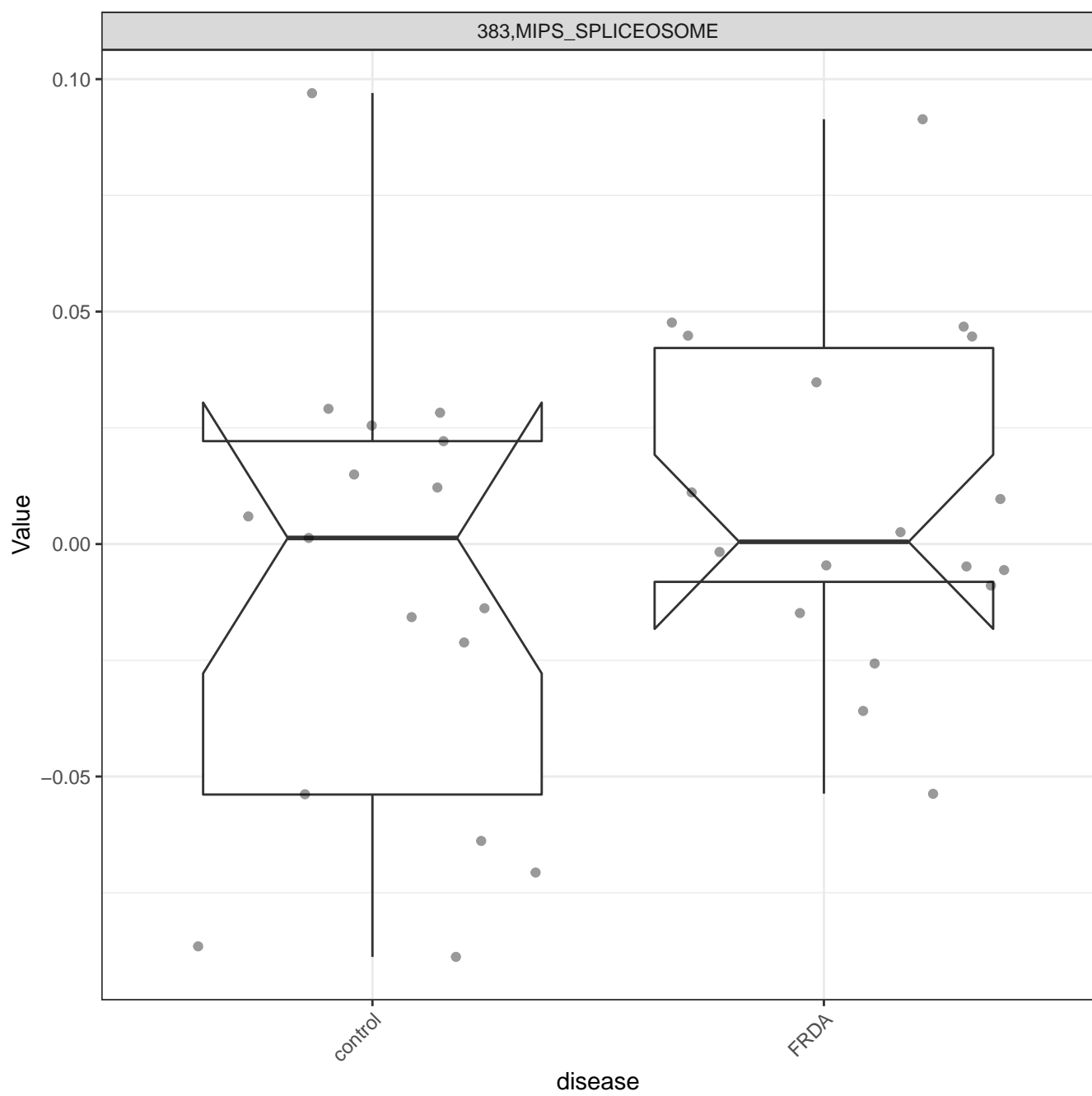
disease

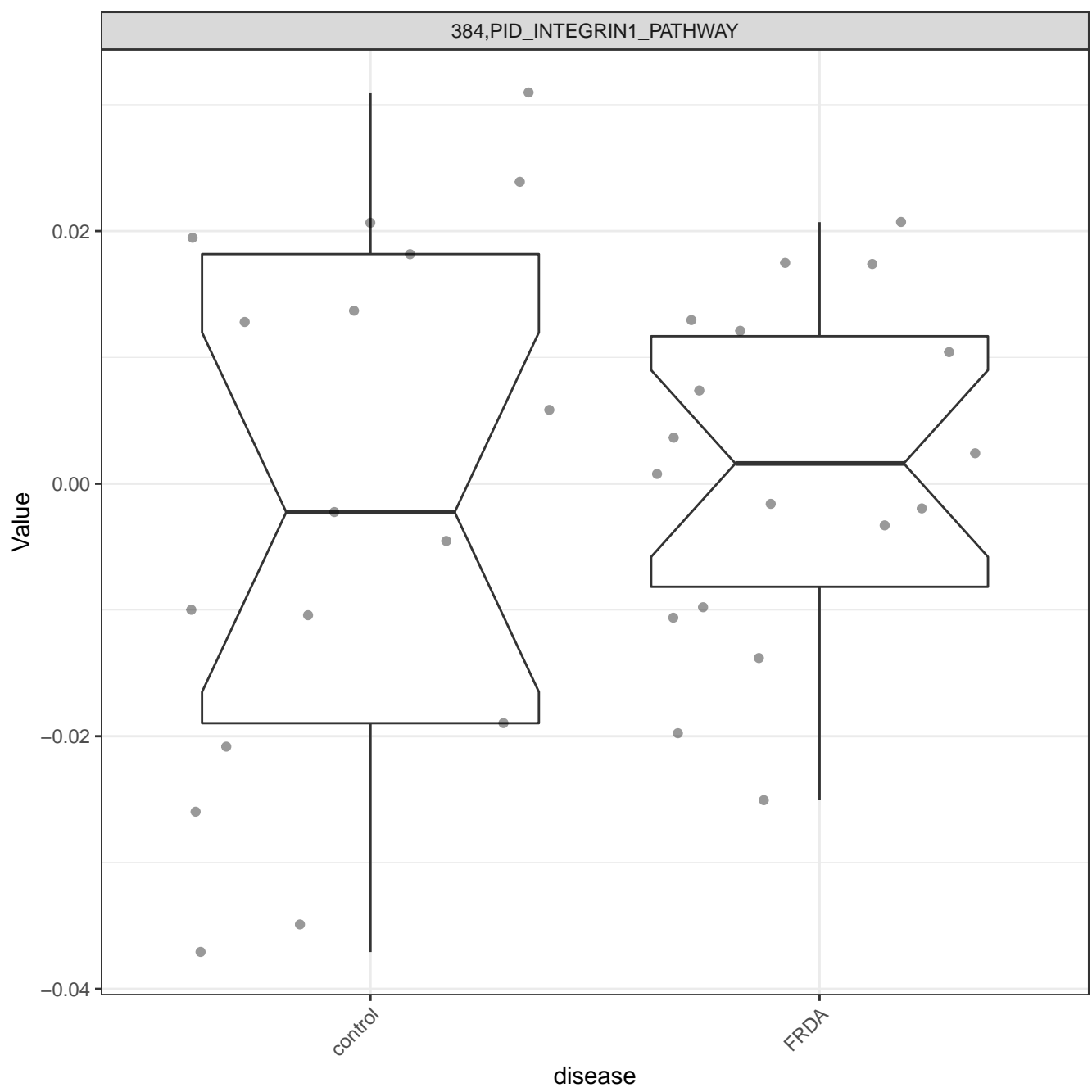
FRDA













LV 385

Value

control

FRDA

disease

0.050  
0.025  
0.000  
-0.025

