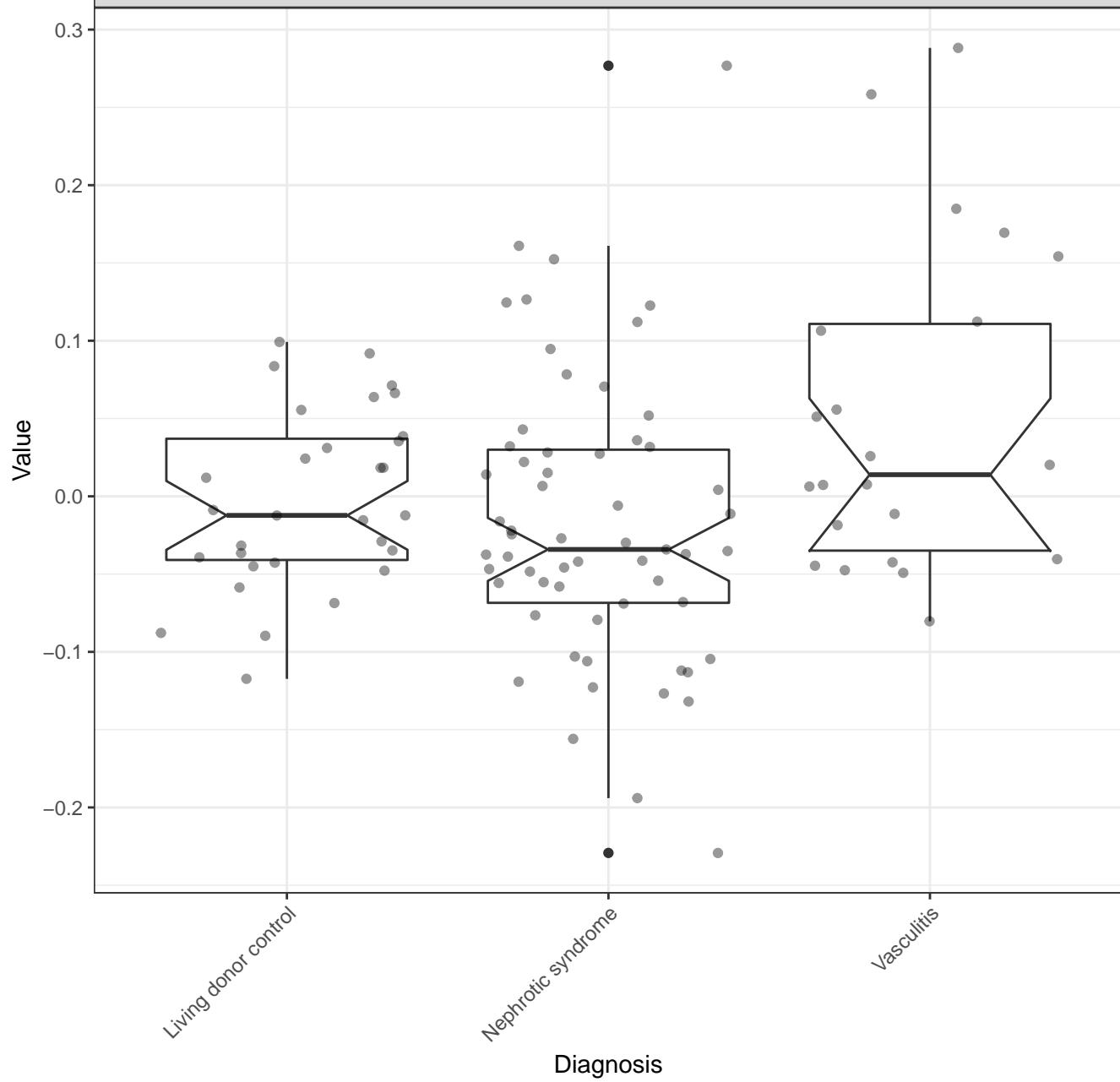


# 1,REACTOME\_MRNA\_SPLICING



## 2,SVM Monocytes

Value

0.2

0.1

0.0

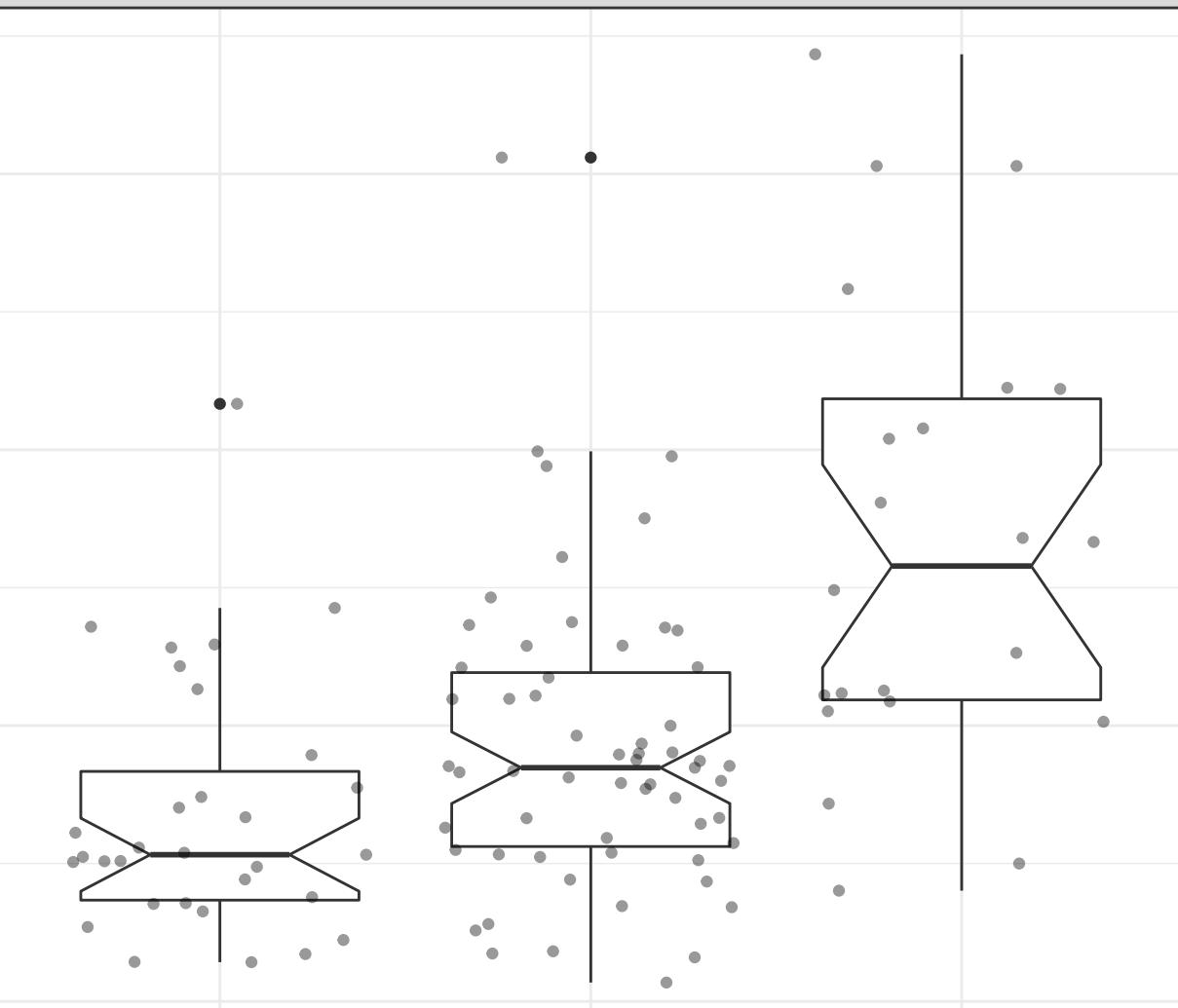
-0.1

Living donor control

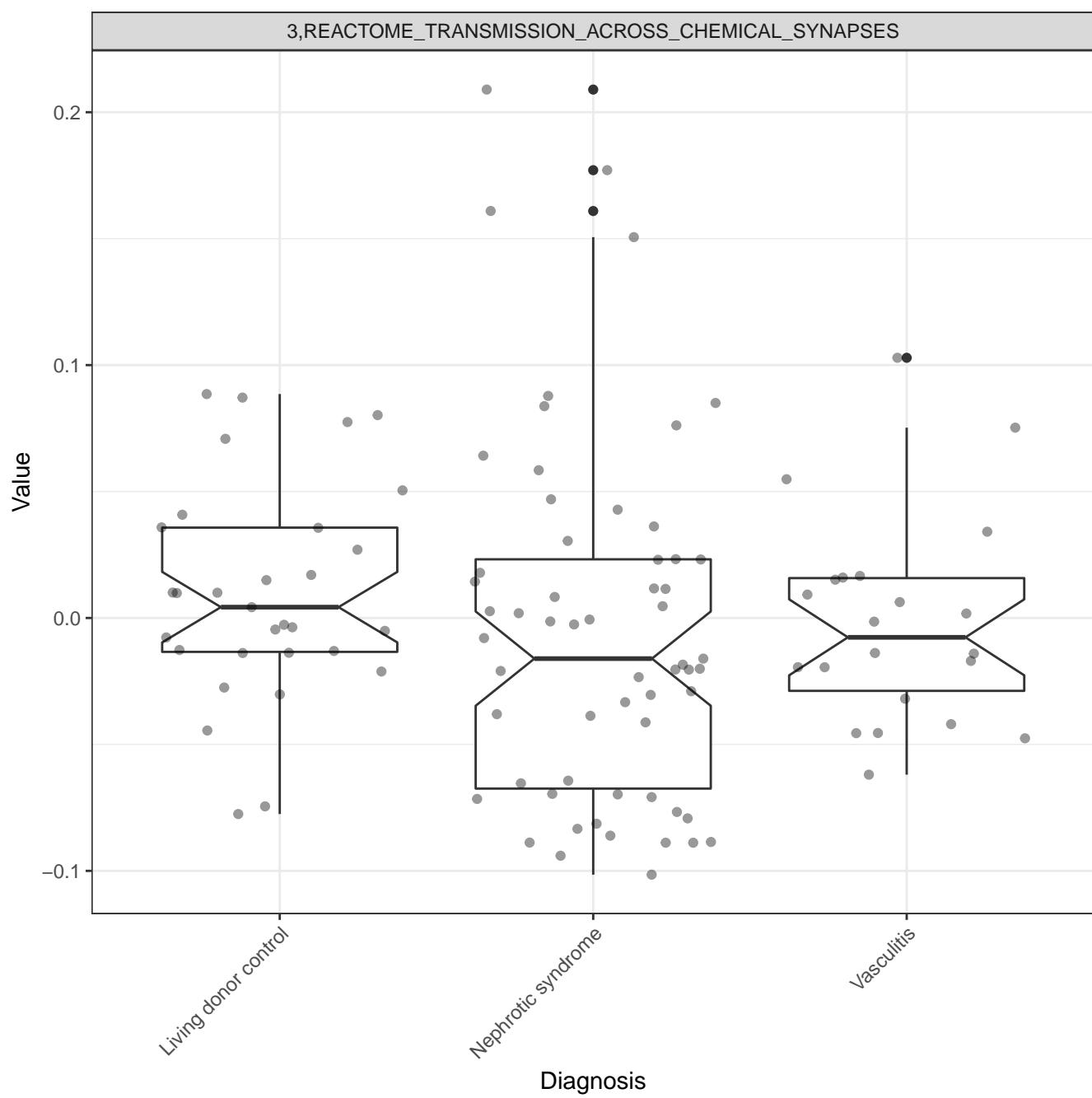
Nephrotic syndrome

Vasculitis

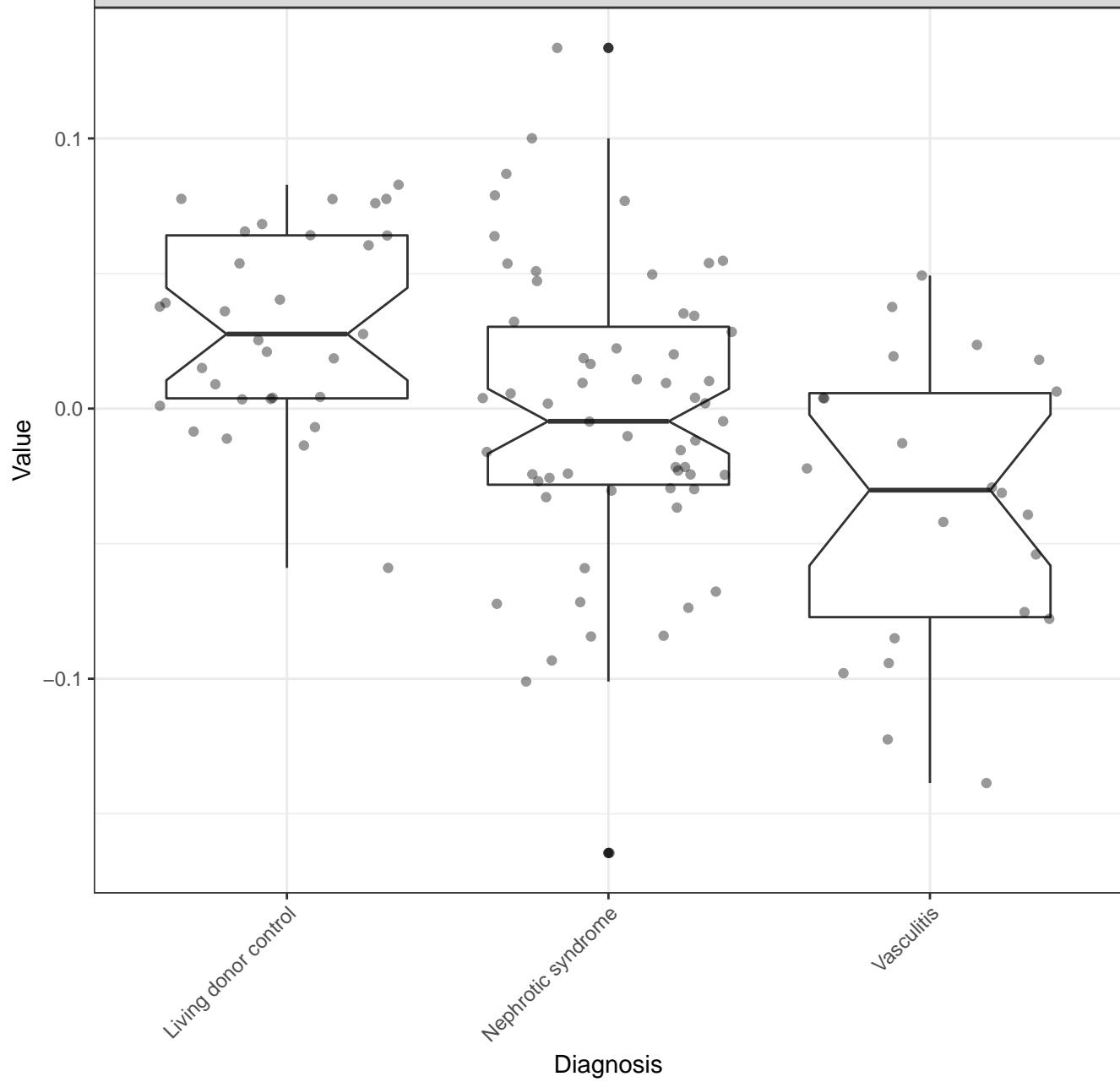
Diagnosis



### 3,REACTOME\_TRANSMISSION\_ACROSS\_CHEMICAL\_SYNAPSES



#### 4,REACTOME\_NEURONAL\_SYSTEM



LV 5

Value

0.05

0.00

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

## LV 6

Value

0.05

0.00

-0.05

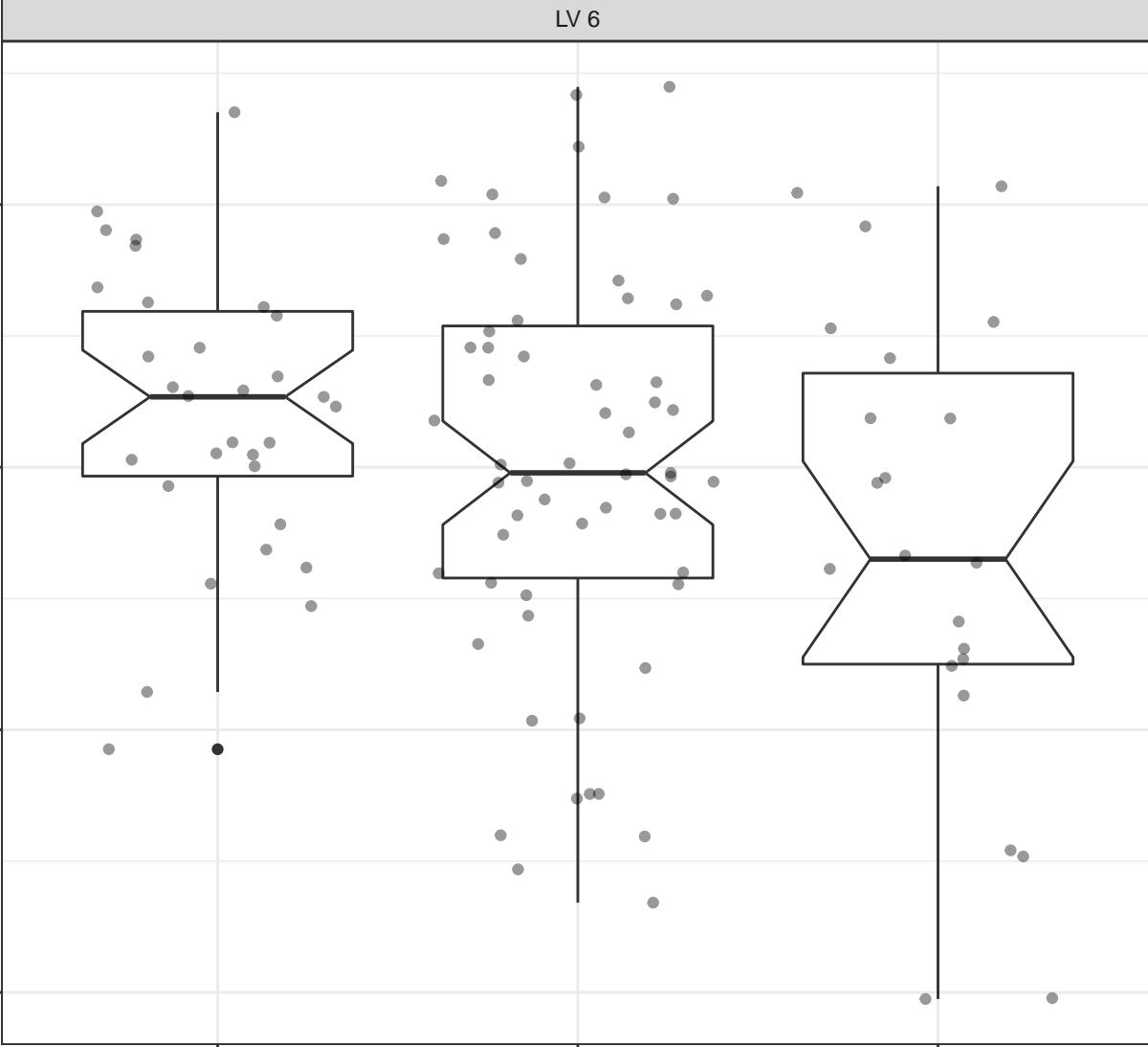
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



# 7,IRIS\_Neutrophil-Resting

Value

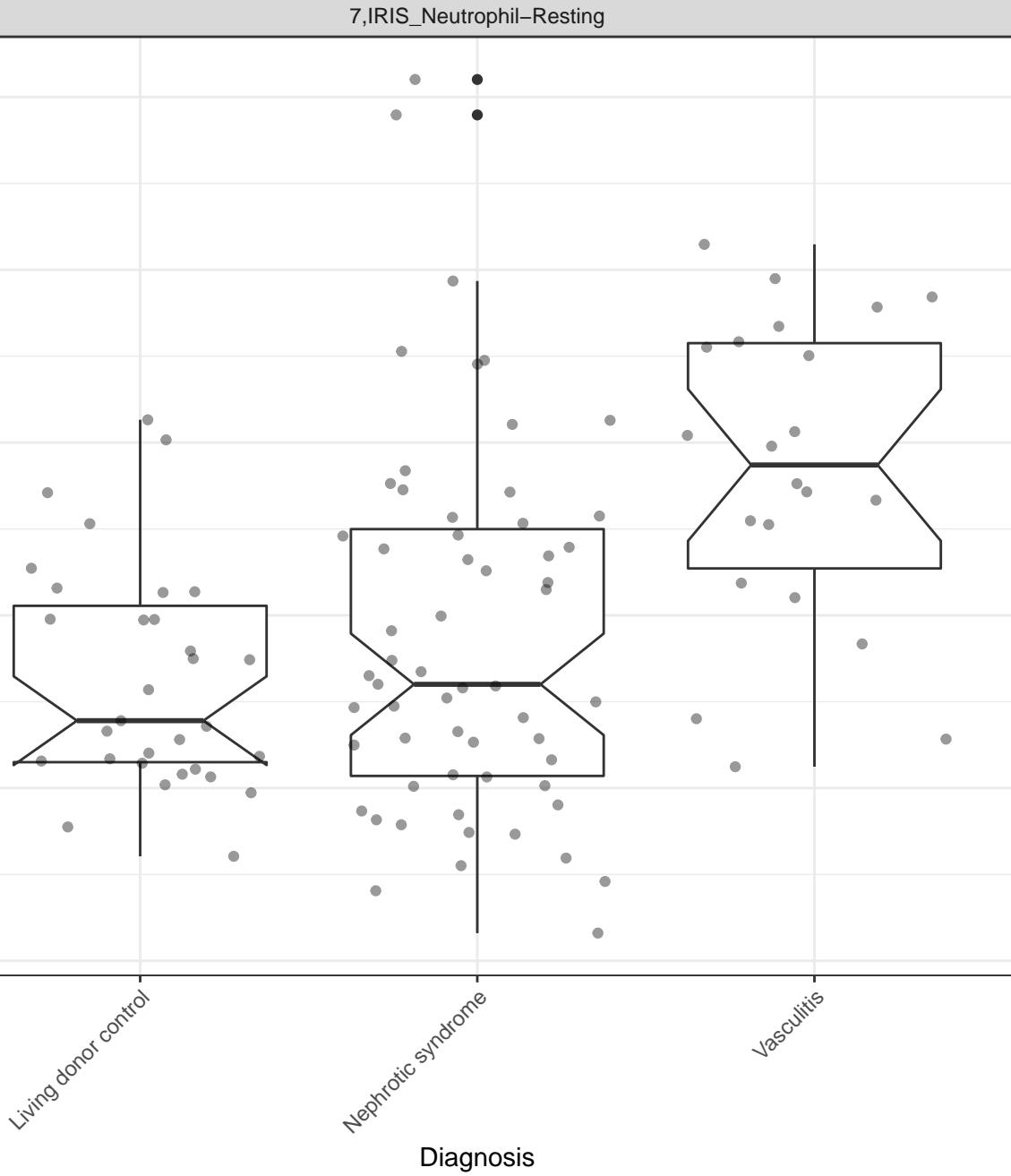
0.15  
0.10  
0.05  
0.00  
-0.05  
-0.10

Living donor control

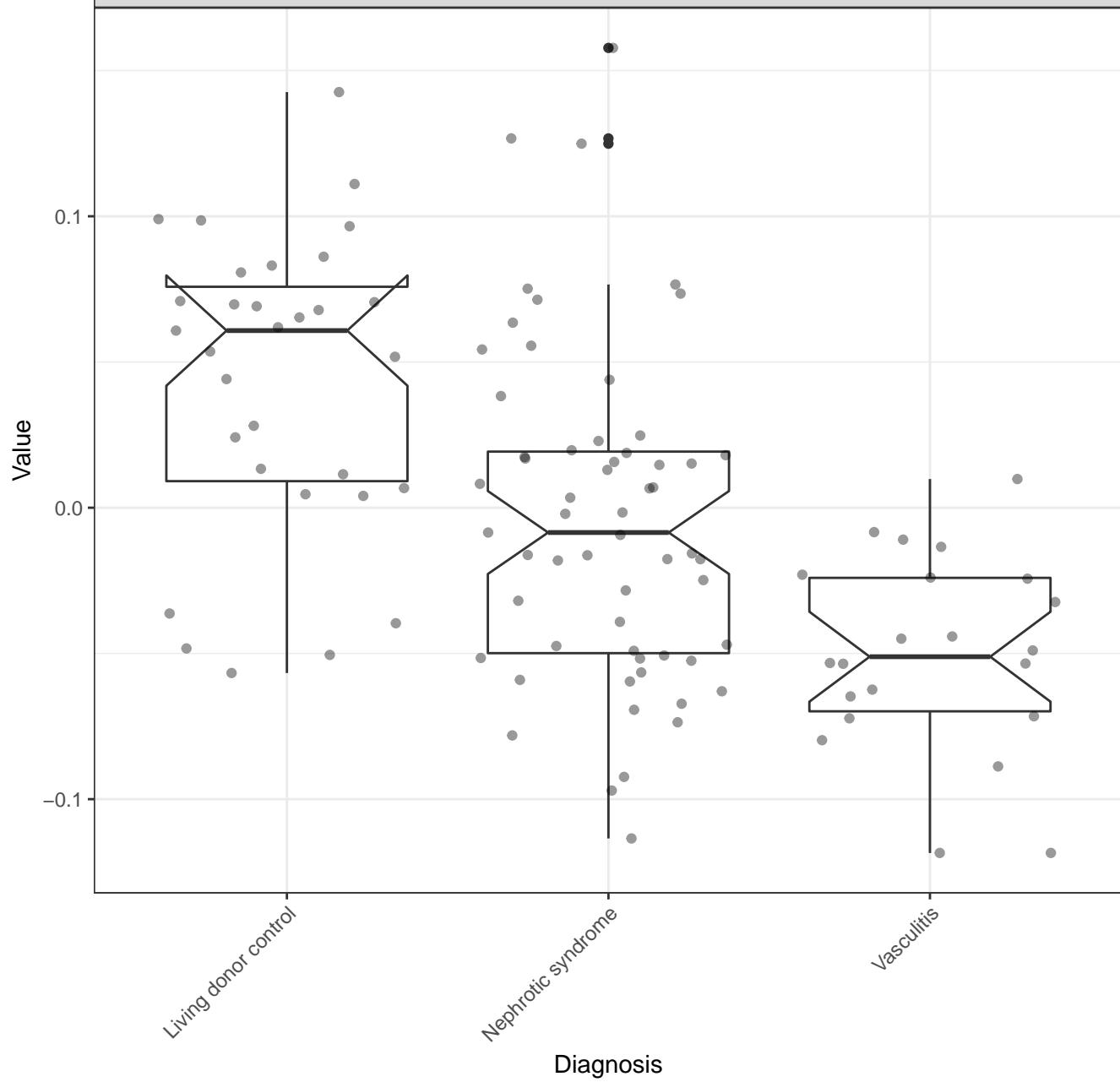
Nephrotic syndrome

Vasculitis

Diagnosis



## 8,KEGG\_PPAR\_SIGNALING\_PATHWAY



## LV 9

Value

0.25

0.00

-0.25

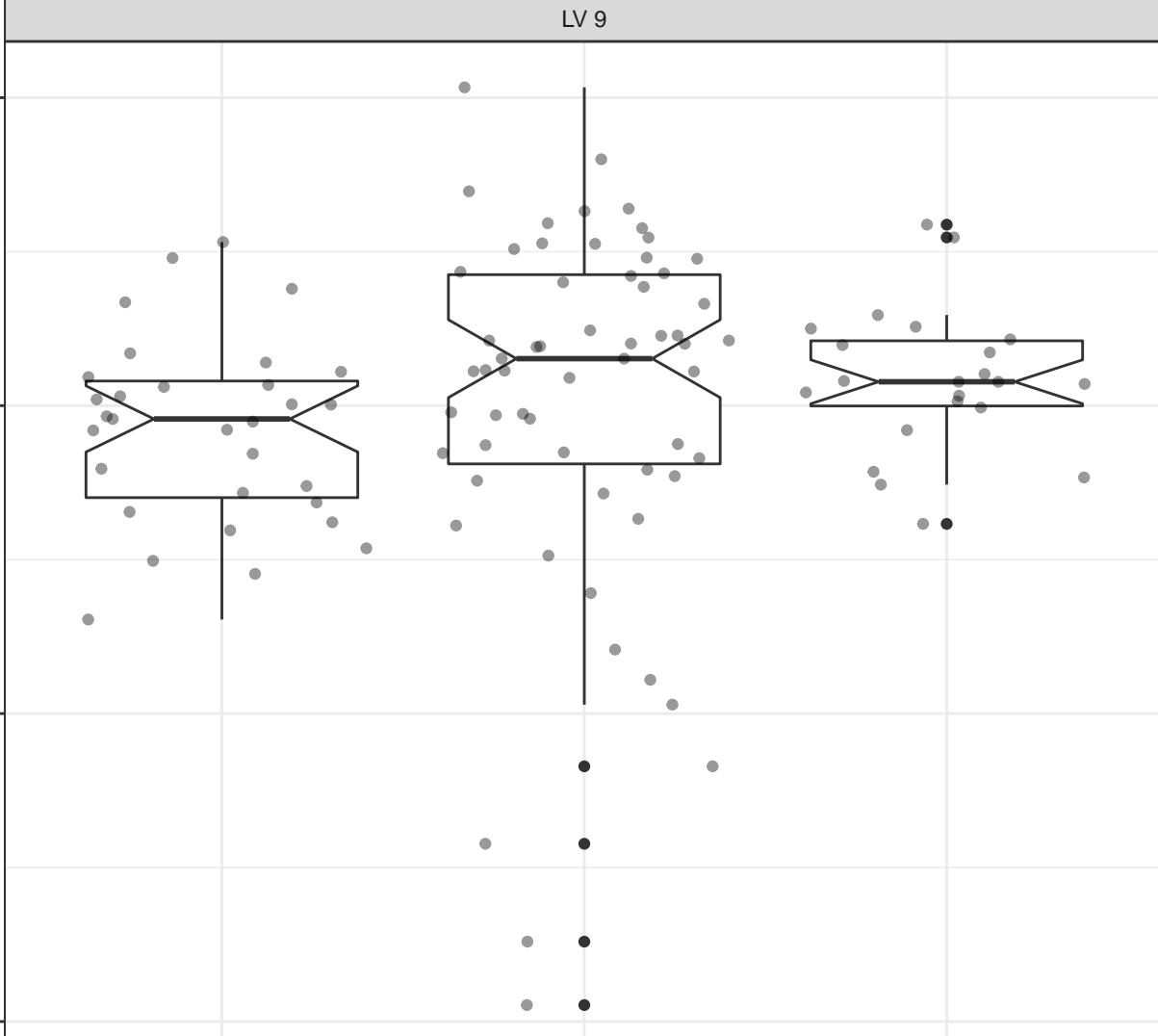
-0.50

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



# 10,SVM Macrophages M0

Value

0.3

0.2

0.1

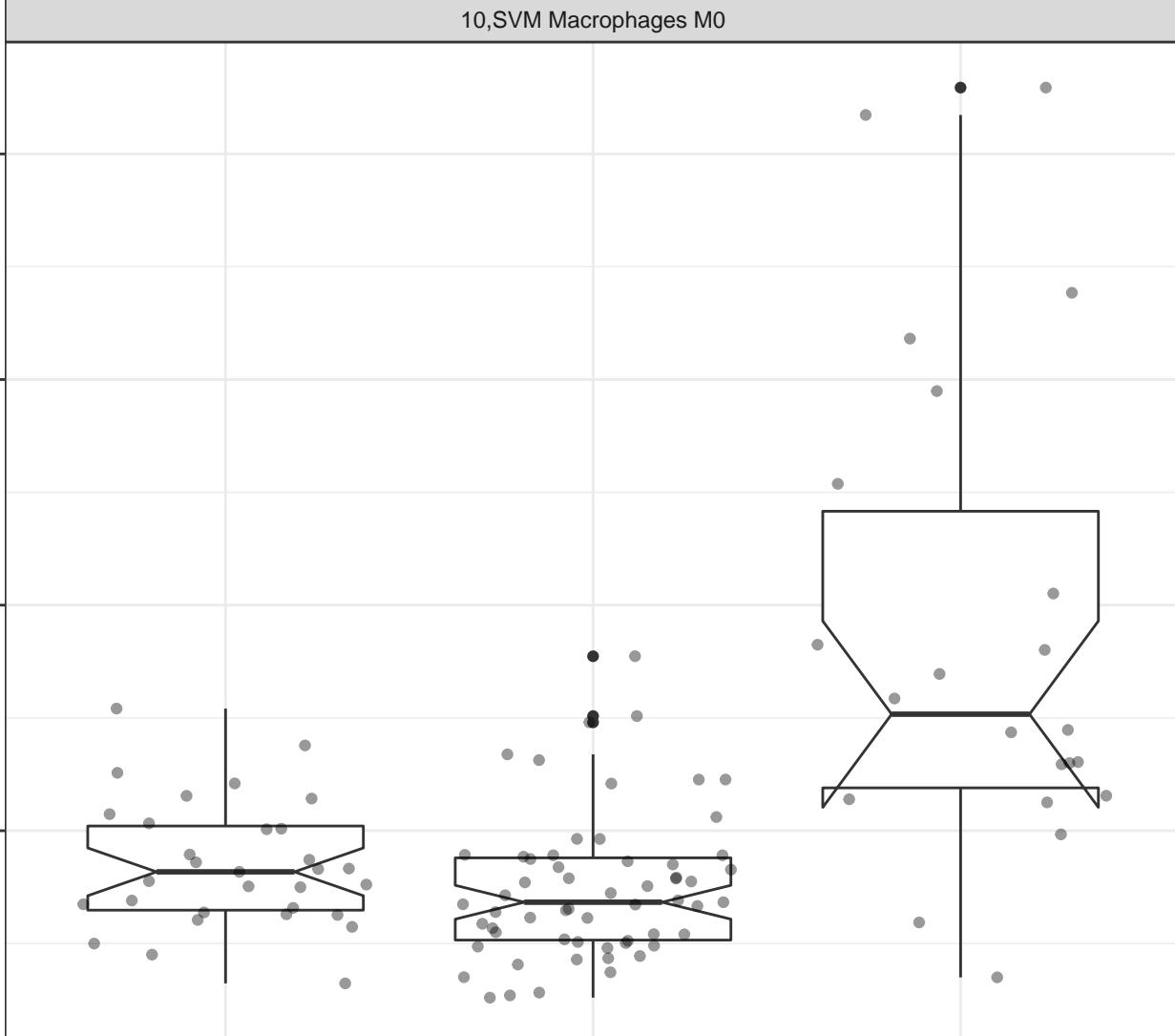
0.0

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 11

Value

0.1

0.0

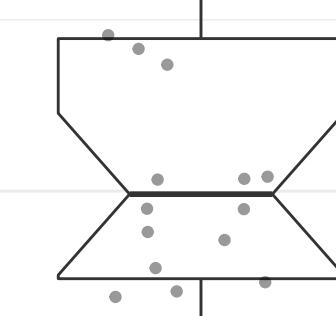
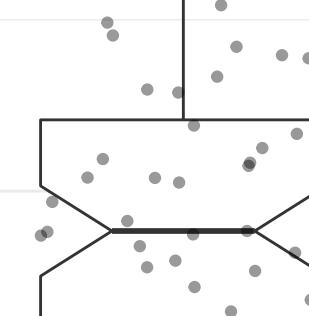
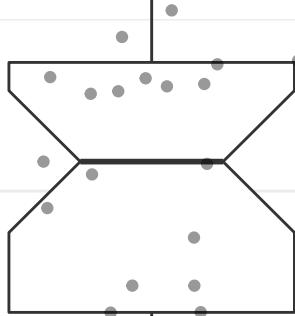
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 12,DMAP\_MEGA2

Value

0.10

0.05

0.00

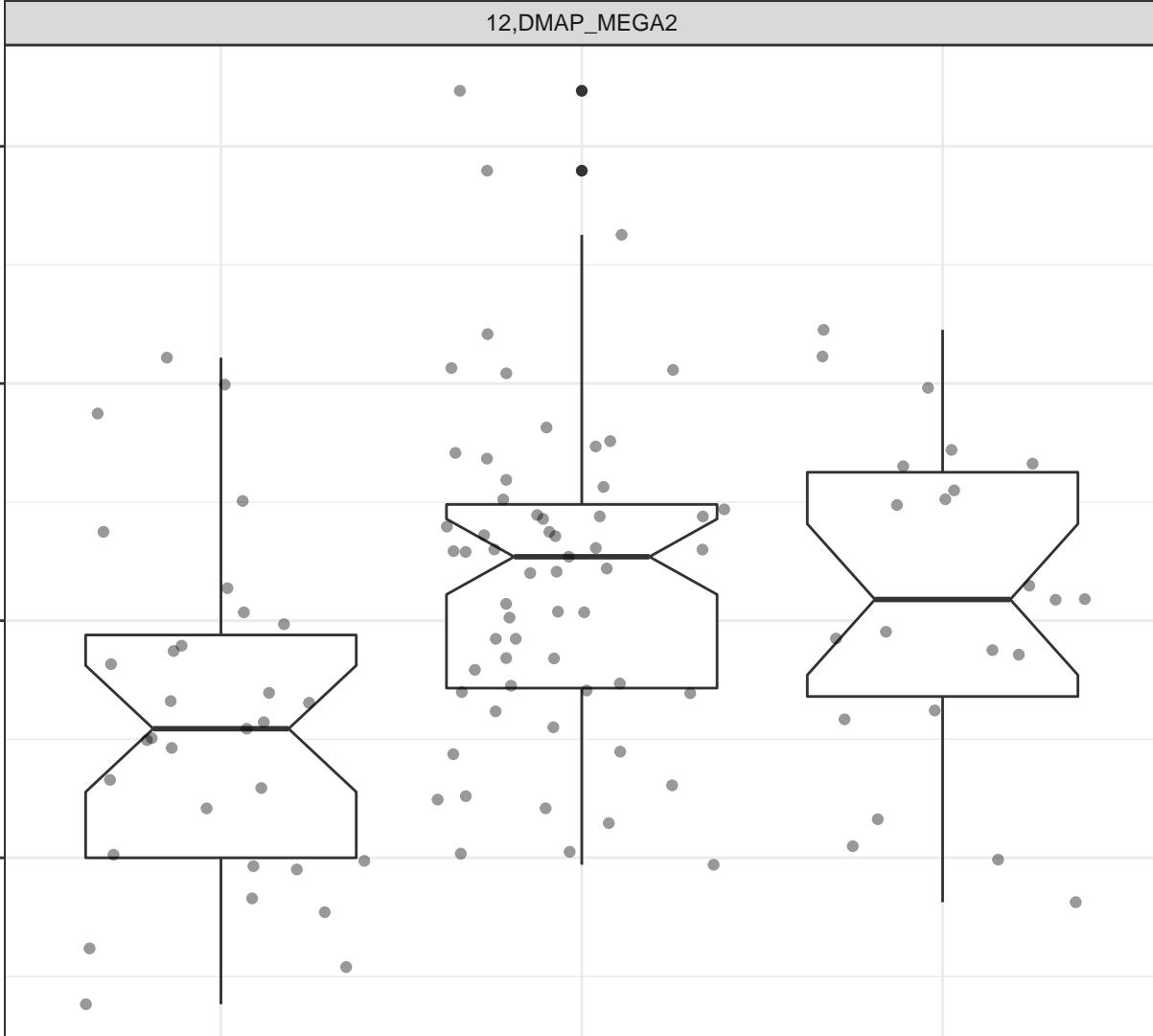
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



### 13,REACTOME\_GLUCOSE\_METABOLISM

Value

0.15

0.10

0.05

0.00

-0.05

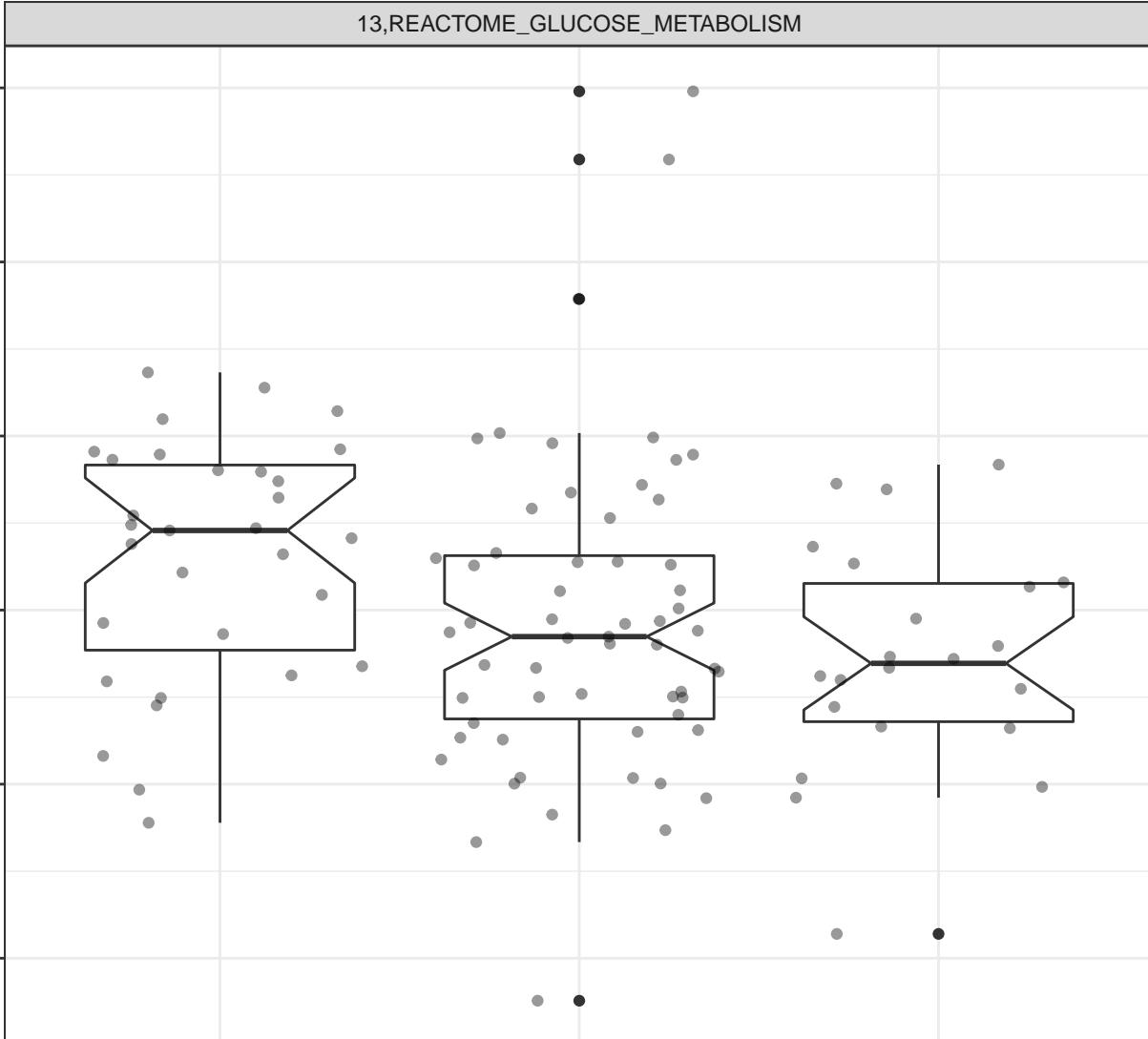
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## LV 14

Value

0.04

0.00

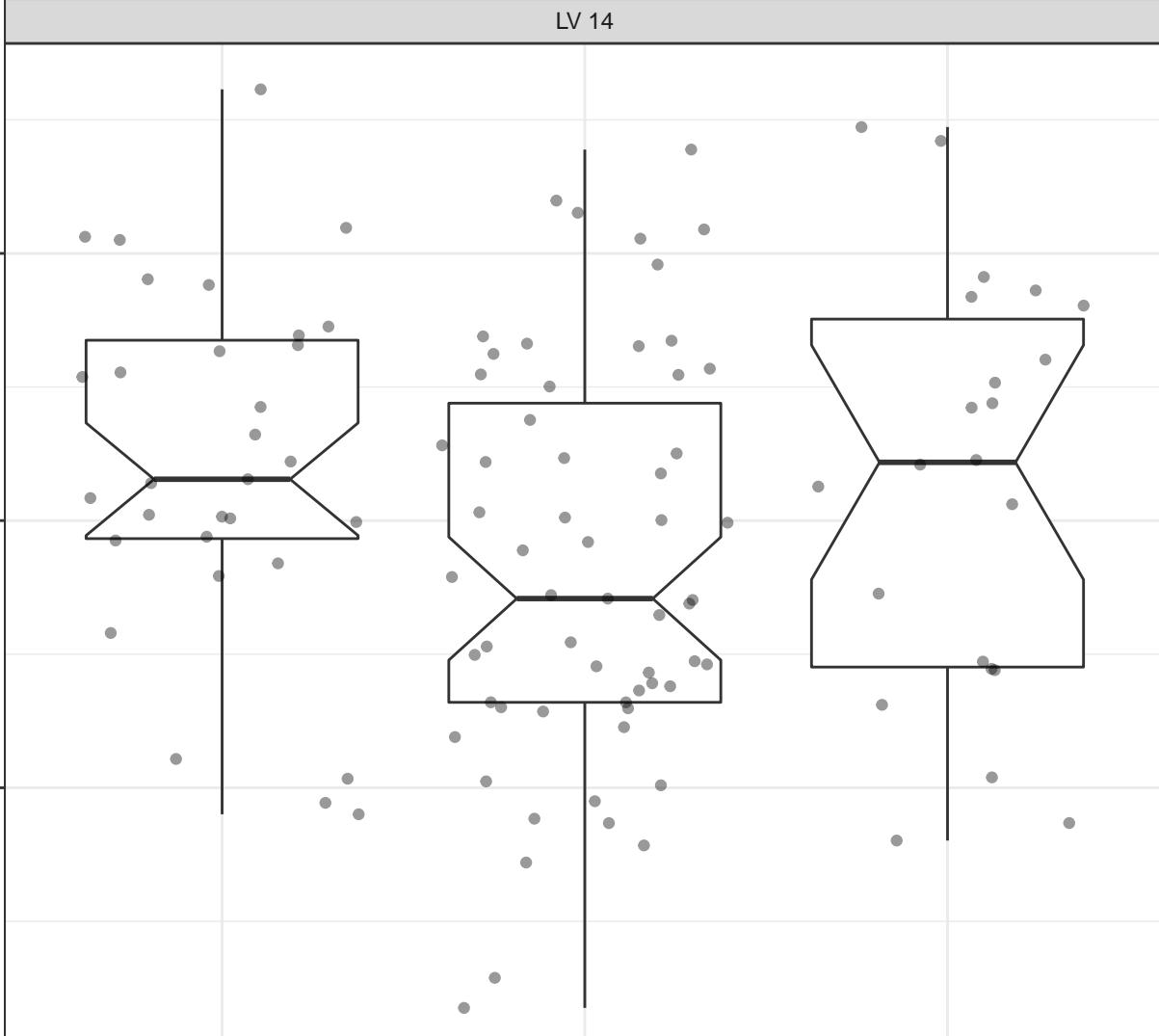
-0.04

Living donor control

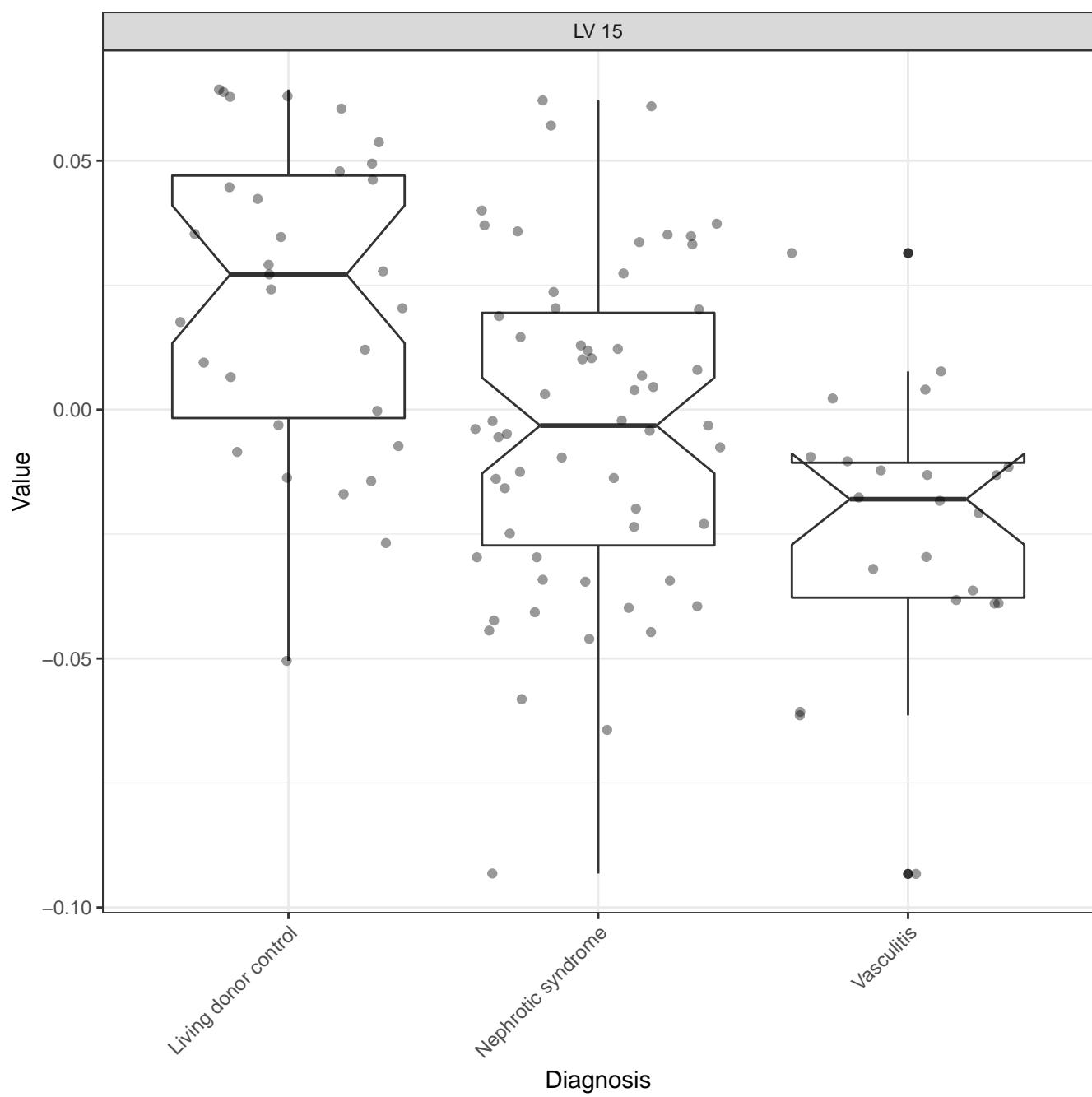
Nephrotic syndrome

Vasculitis

Diagnosis



LV 15



## LV 16

Value

0.10

0.05

0.00

-0.05

-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

### 17,SVM NK cells resting

Value

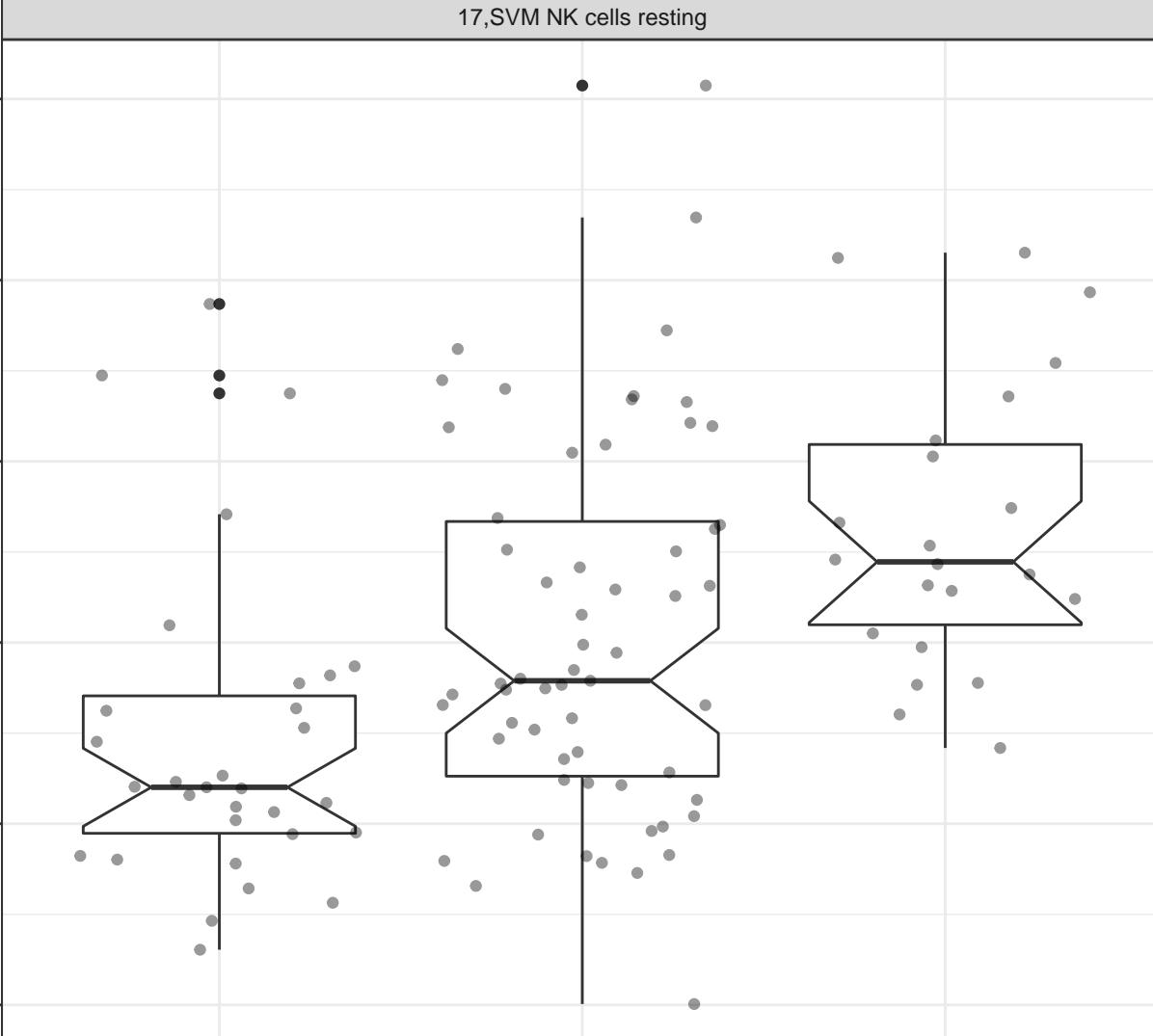
0.15  
0.10  
0.05  
0.00  
-0.05  
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



# 18,REACTOME\_PHASE1\_FUNCTIONALIZATION\_OF\_COMPOUNDS

Value

0.2

0.1

0.0

-0.1

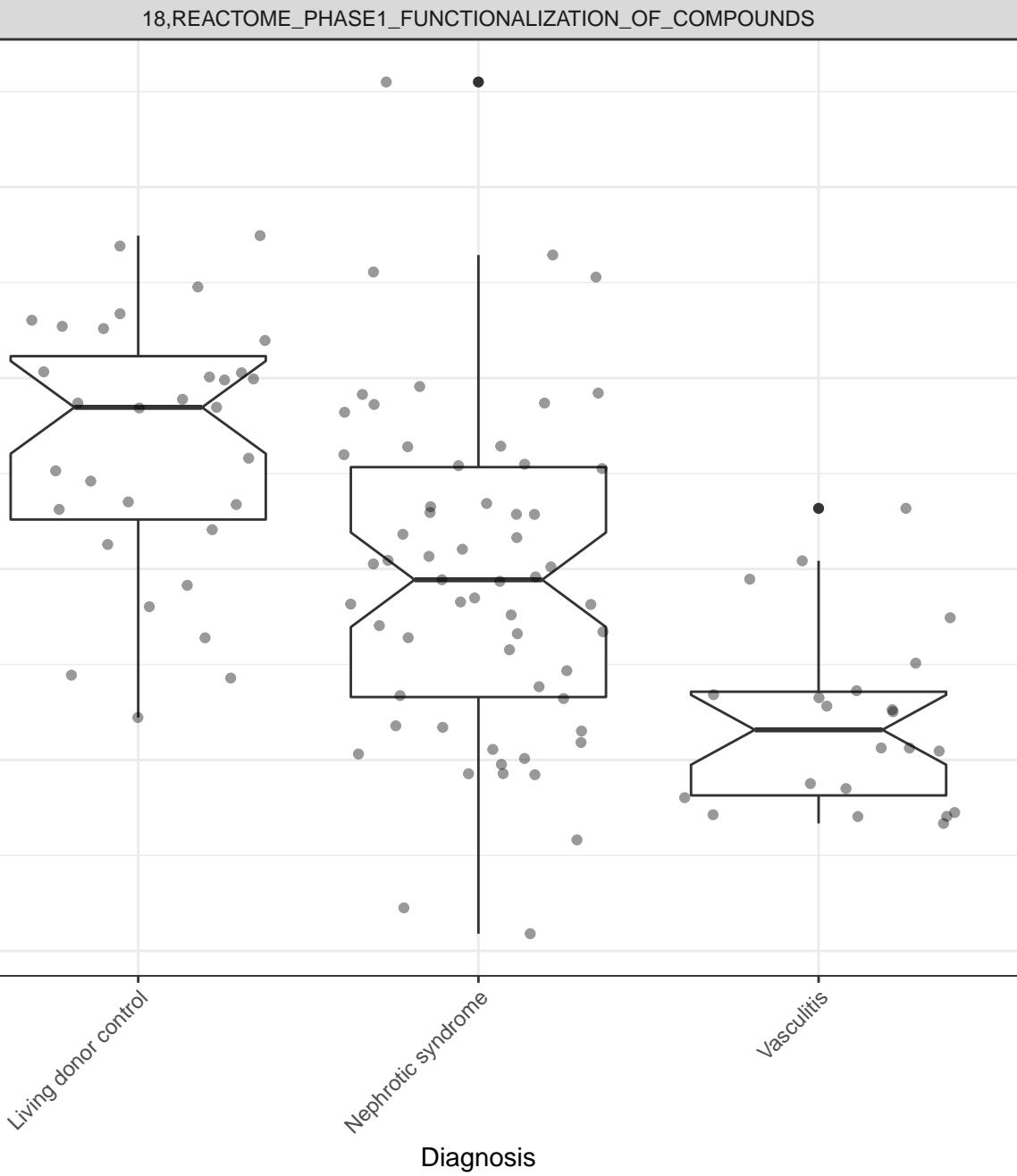
-0.2

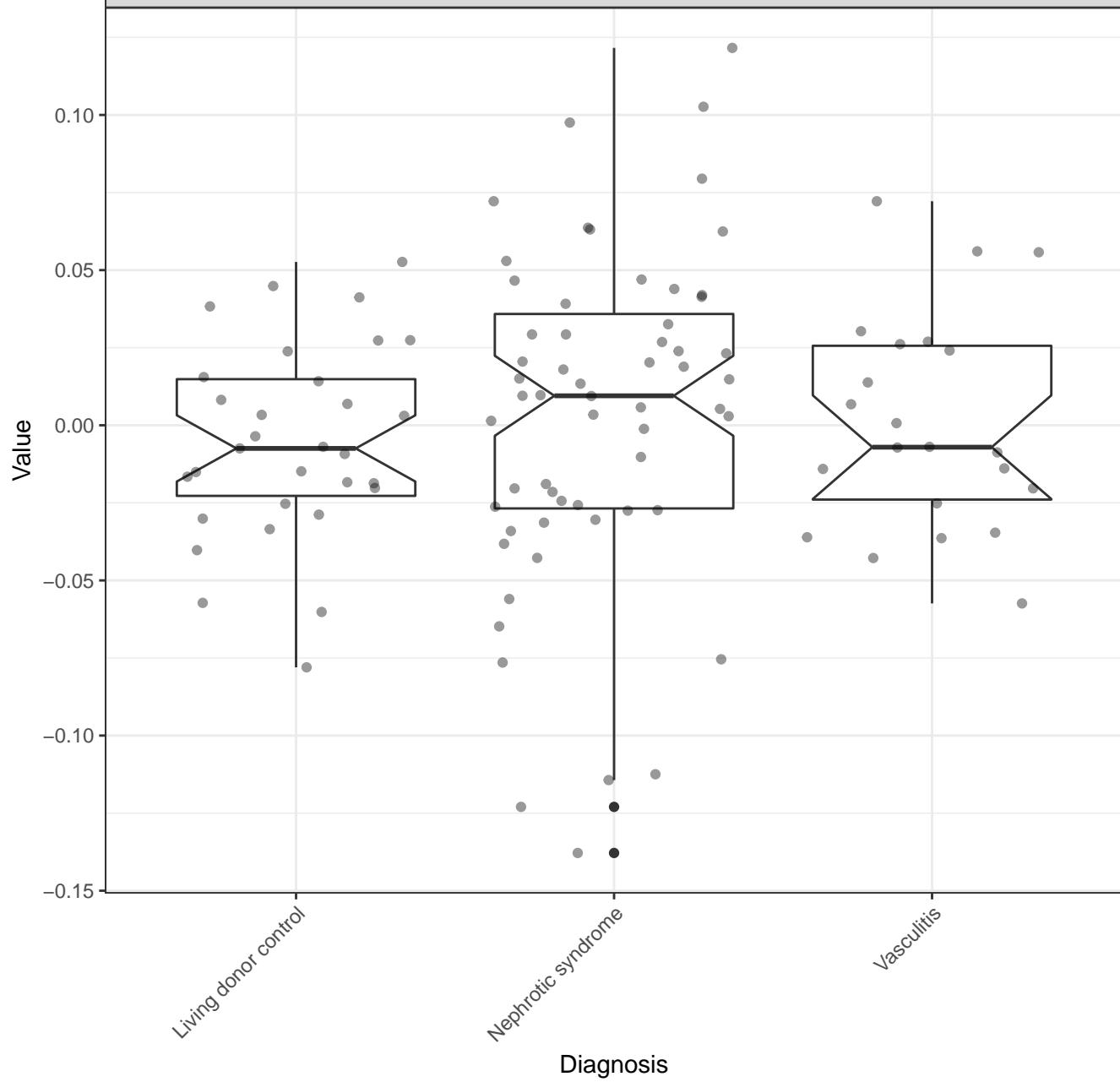
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





## 20,KEGG\_NEUROACTIVE\_LIGAND\_RECECTOR\_INTERACTION

Value

0.1

0.0

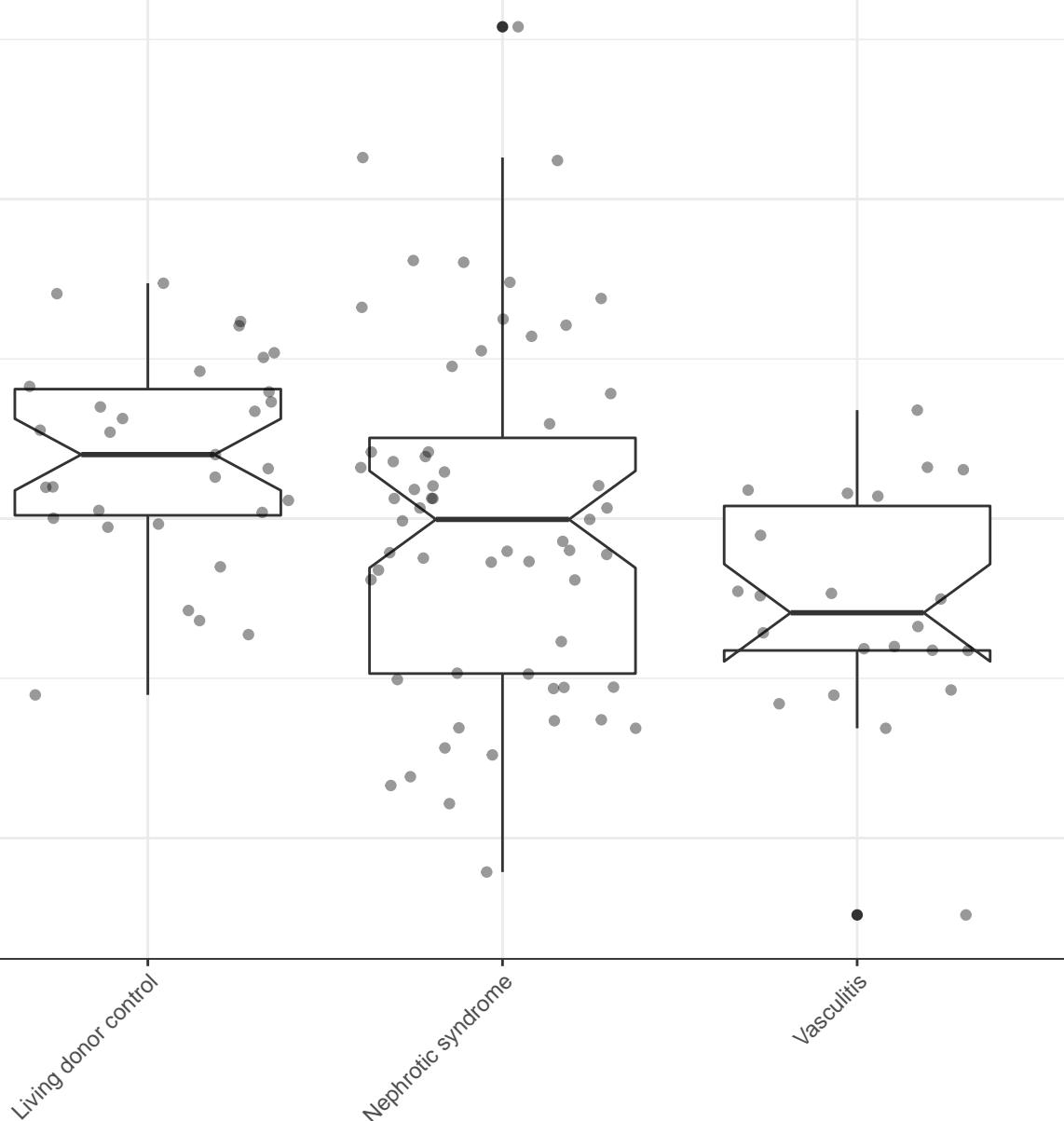
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.2

0.1

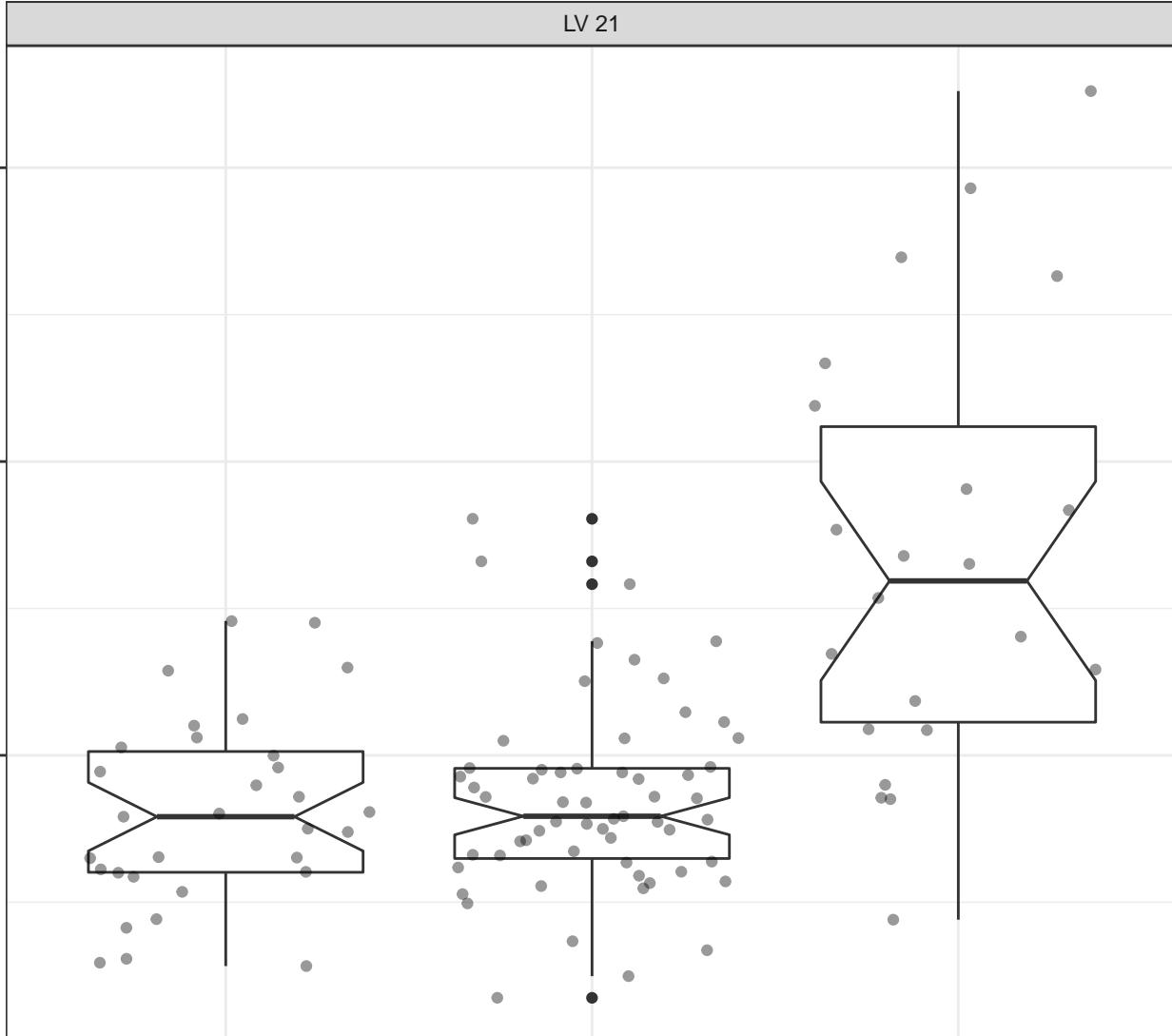
0.0

Living donor control

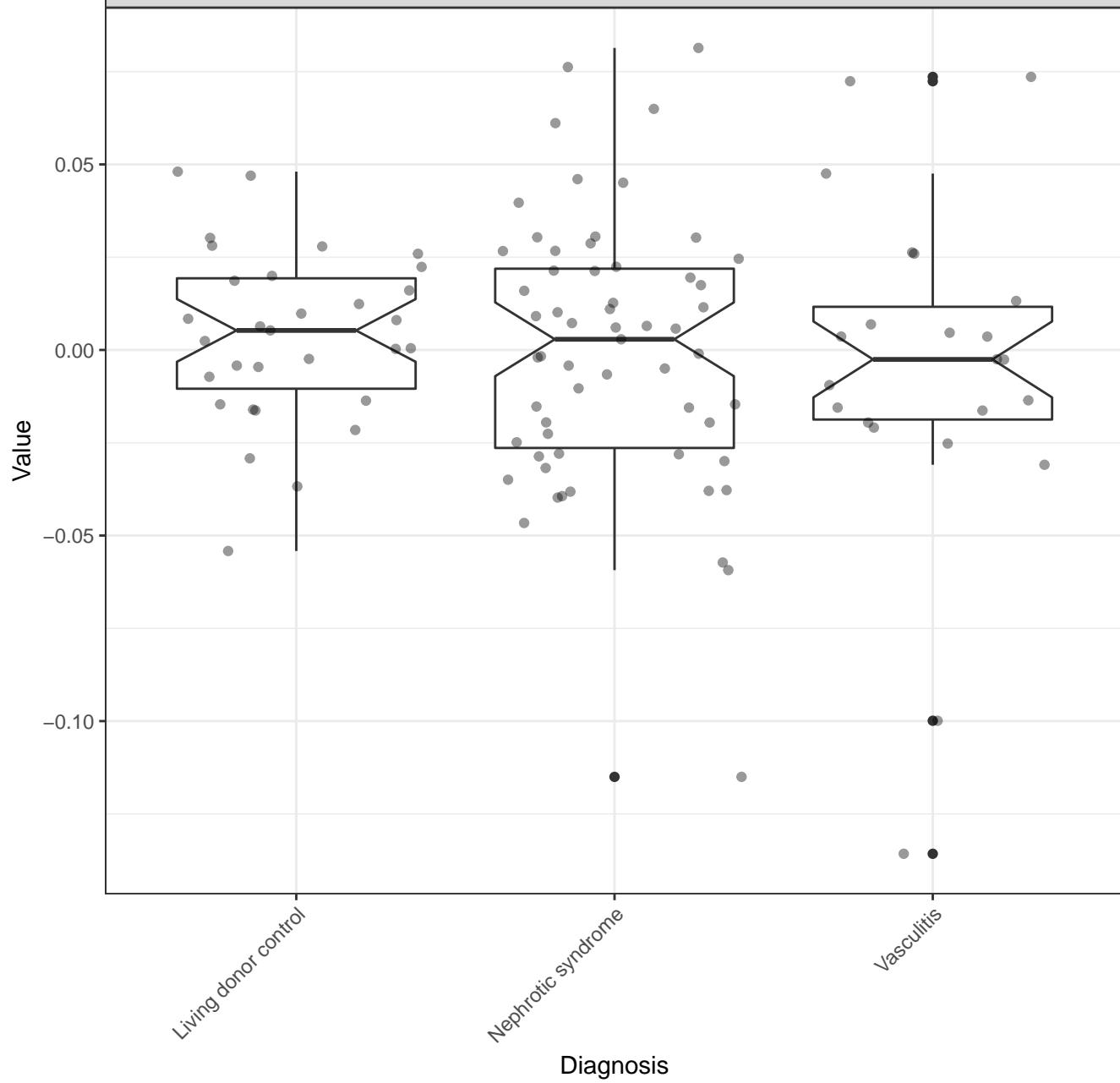
Nephrotic syndrome

Vasculitis

Diagnosis



## 22,KEGG\_PPAR\_SIGNALING\_PATHWAY



Value

0.1

0.0

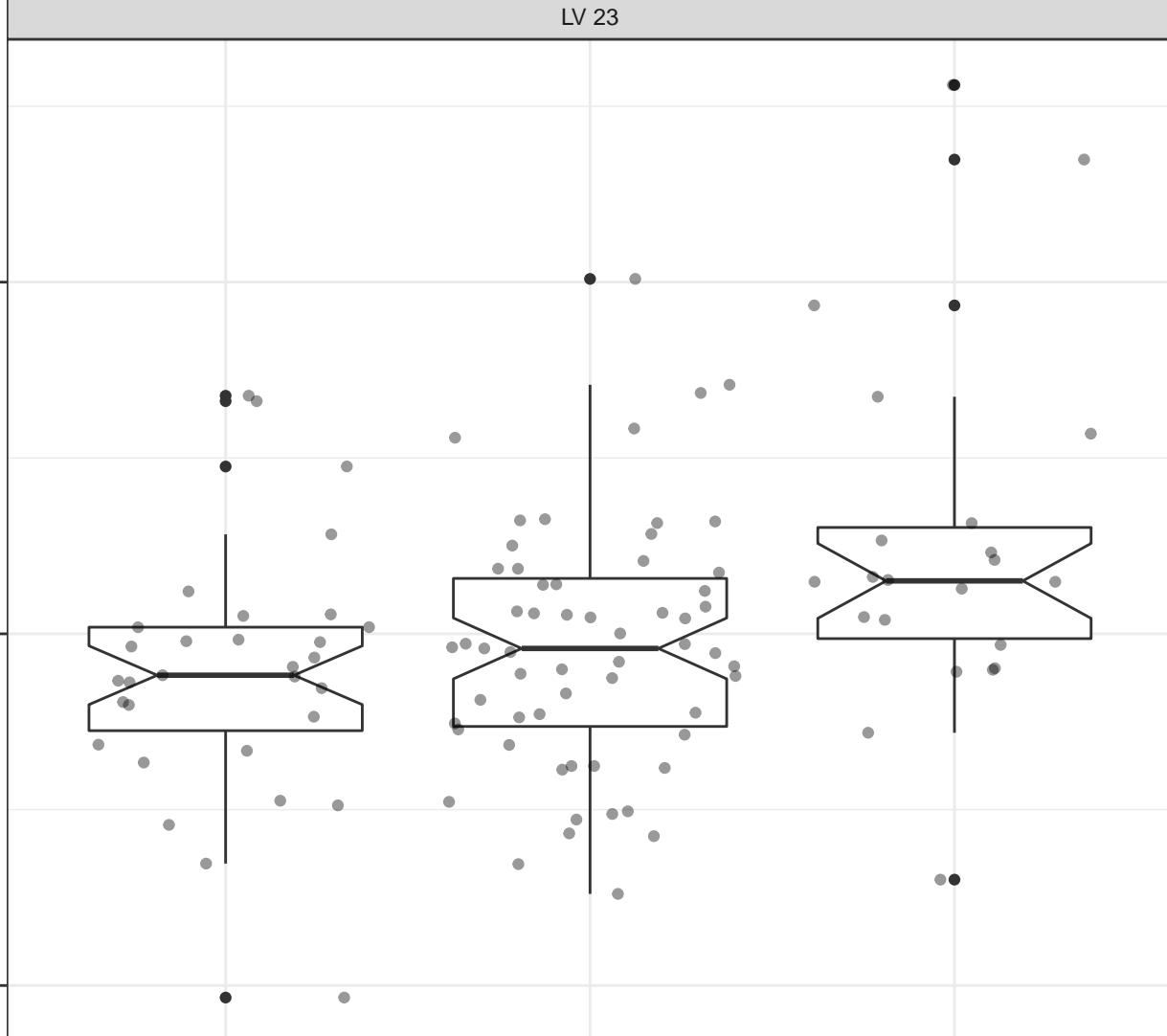
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 24,PID\_DELTANP63PATHWAY

Value

0.04

0.00

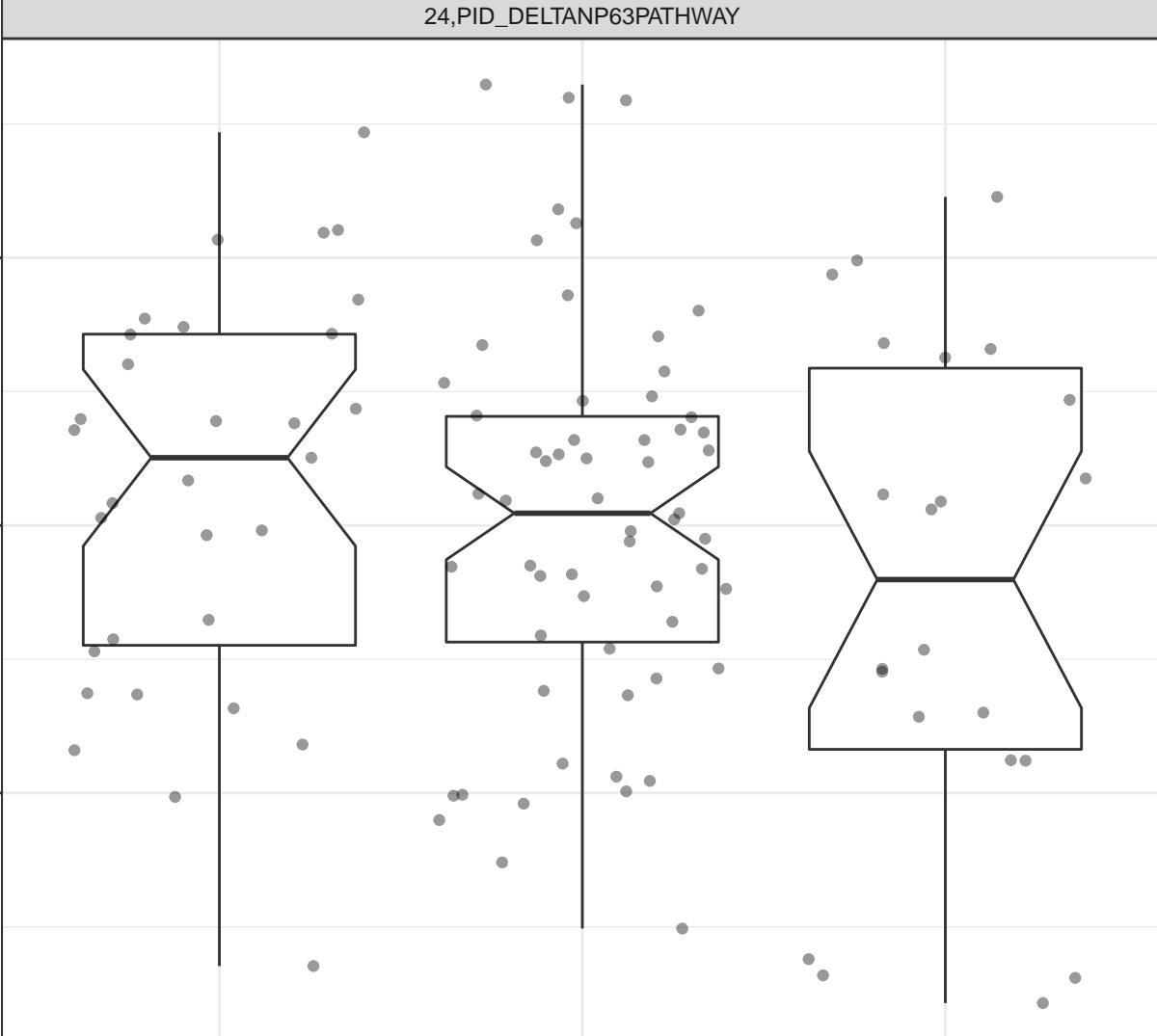
-0.04

Living donor control

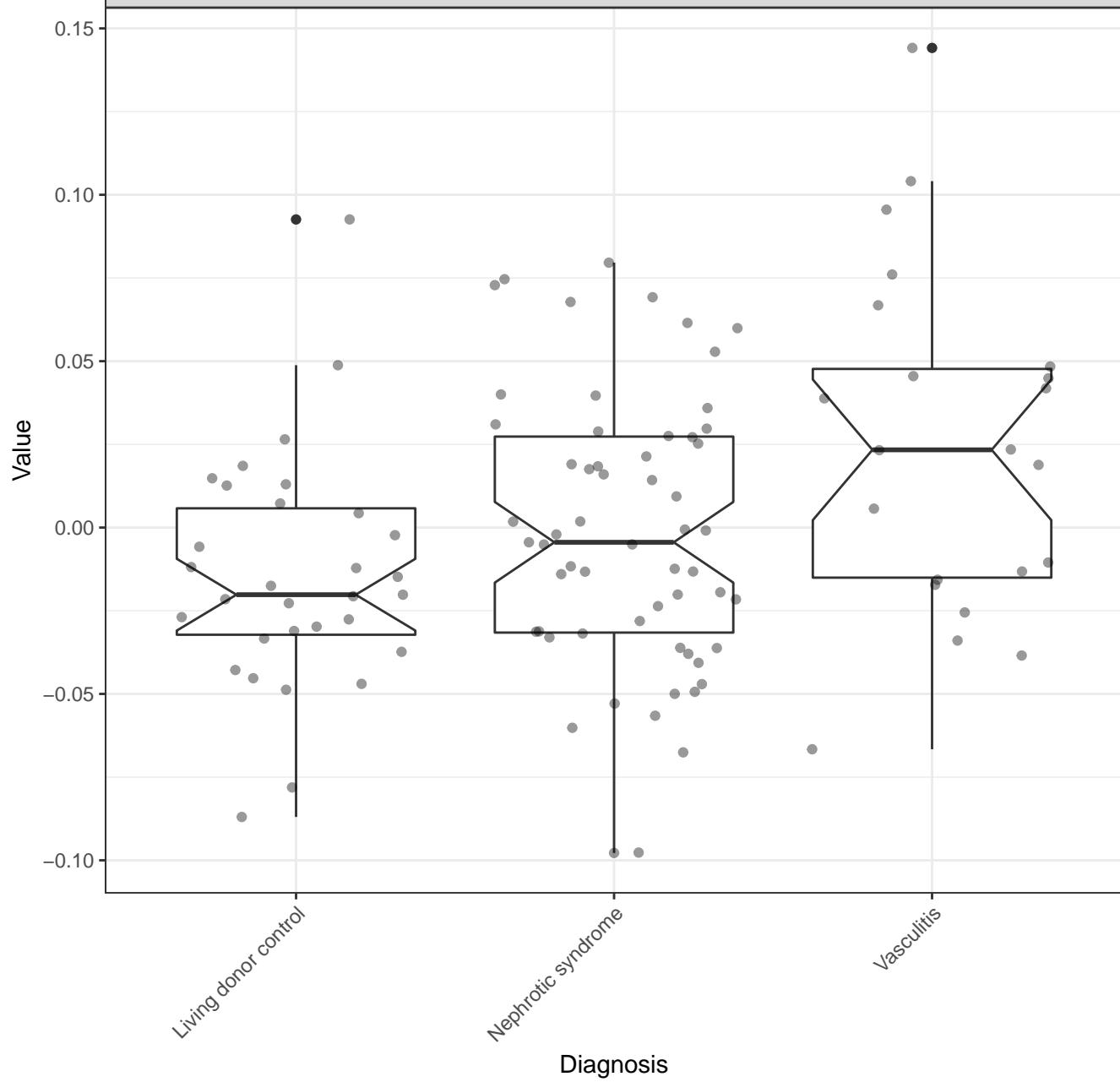
Nephrotic syndrome

Vasculitis

Diagnosis



### 25,SVM Macrophages M1



## 26,SVM Macrophages M2

Value

0.15  
0.10  
0.05  
0.00  
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 27,REACTOME\_CELL\_JUNCTION\_ORGANIZATION

Value

0.10

0.05

0.00

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.05

0.00

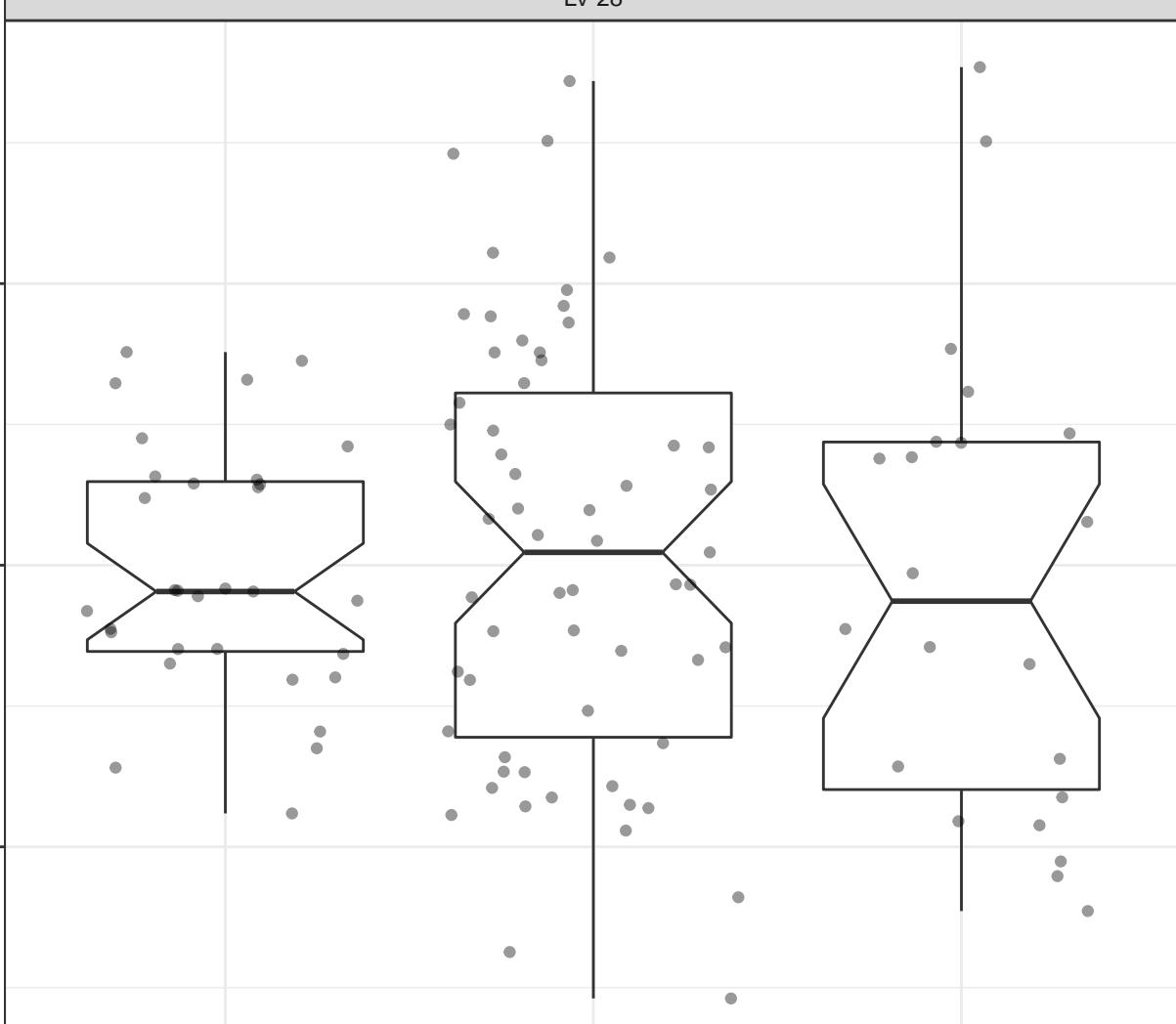
-0.05

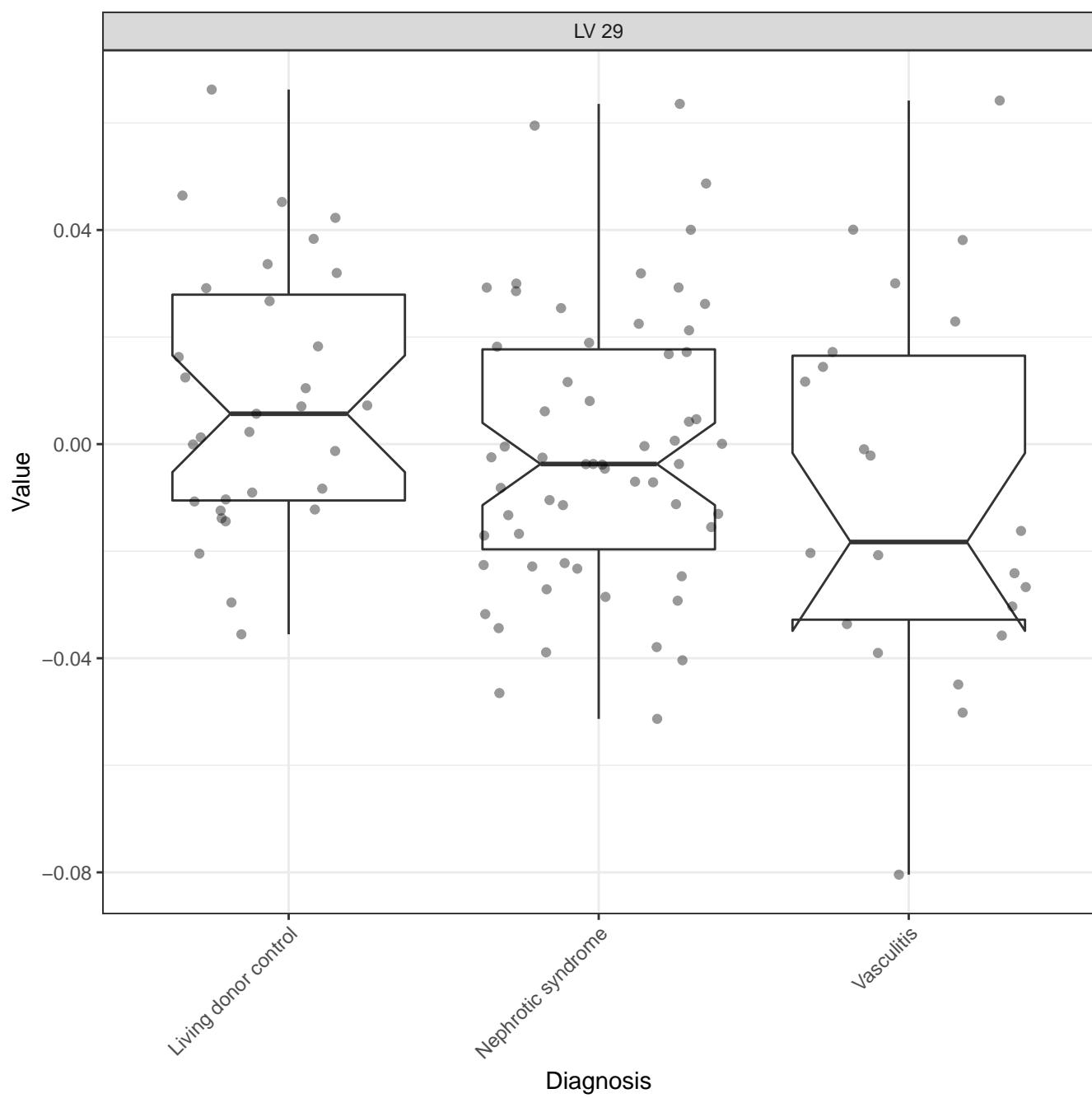
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





## 30,DMAP\_ERY3

Value

0.05

0.00

-0.05

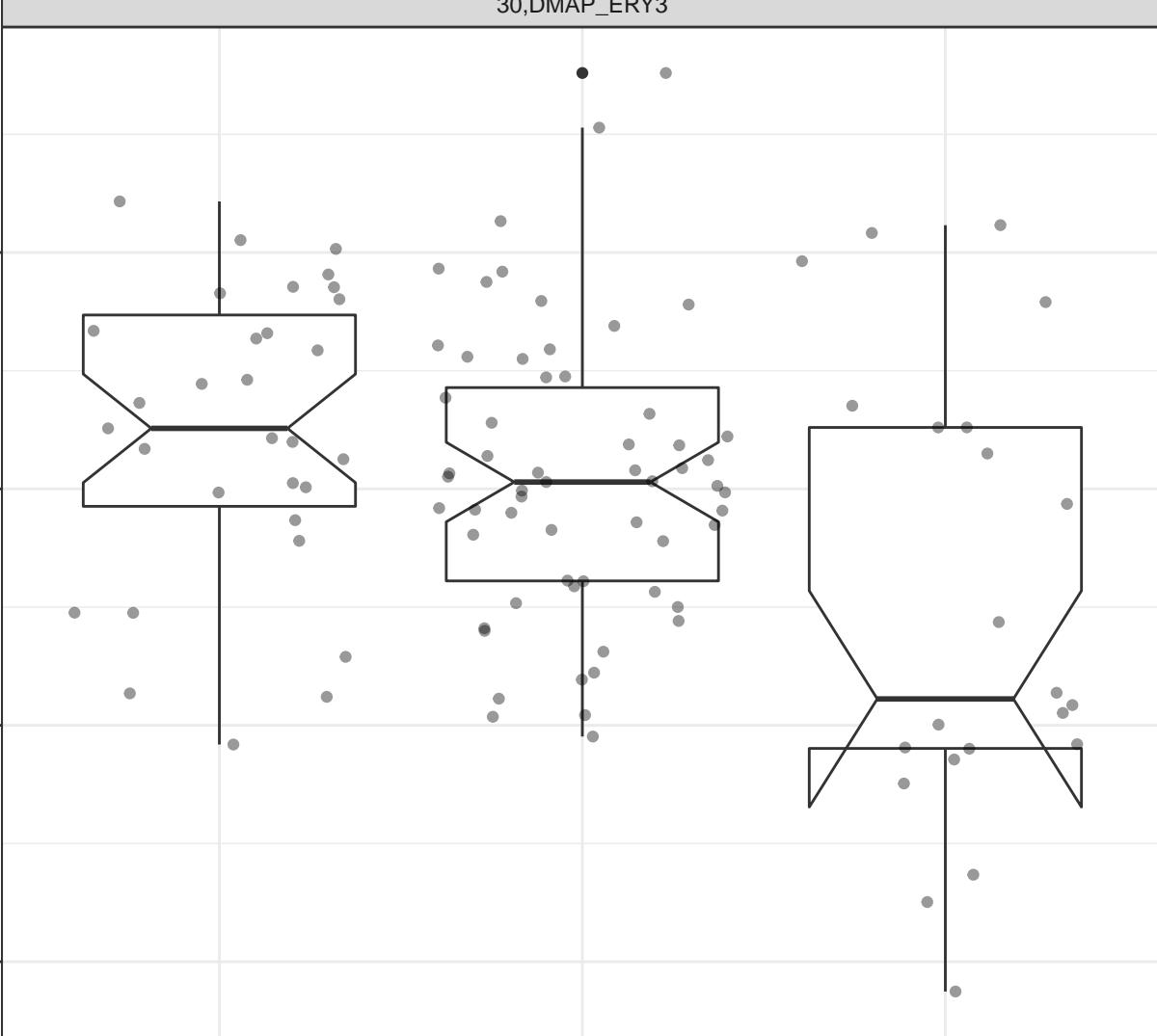
-0.10

Living donor control

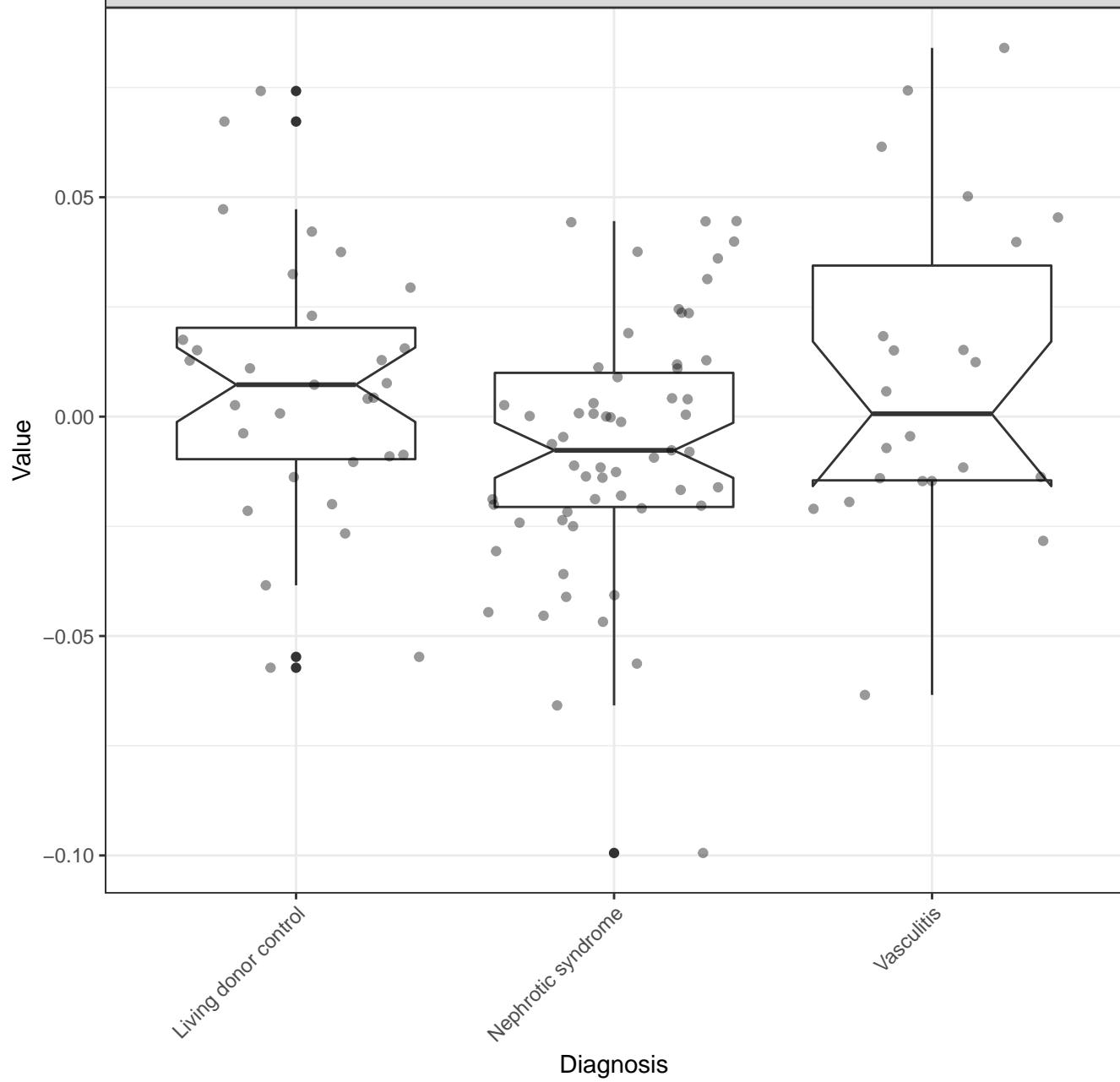
Nephrotic syndrome

Vasculitis

Diagnosis



## 31,SVM B cells naive



LV 32

Value

0.10

0.05

0.00

-0.05

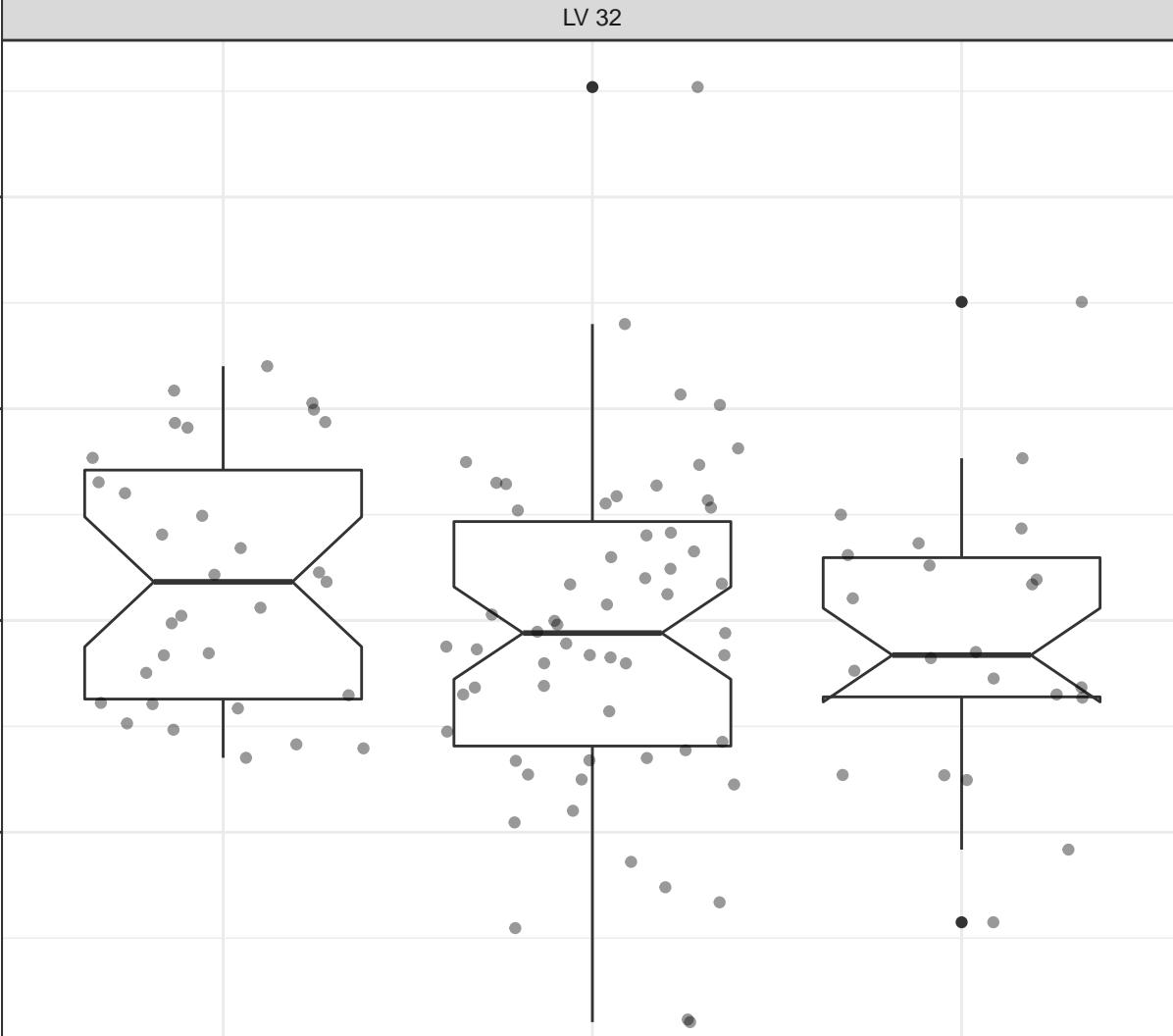
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## LV 33

Value

0.04

0.01

-0.04

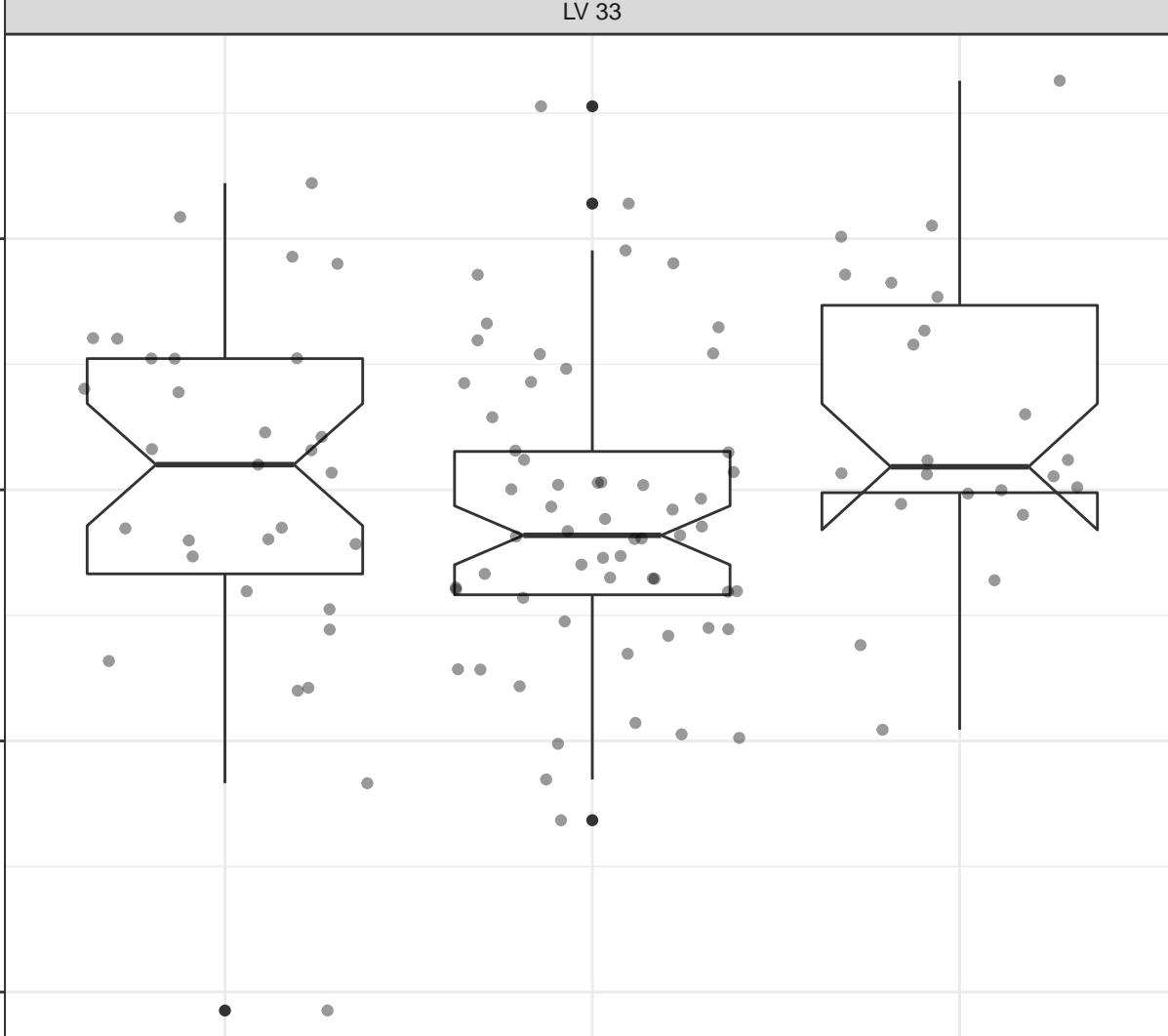
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## LV 34

Value

0.10

0.05

0.00

-0.05

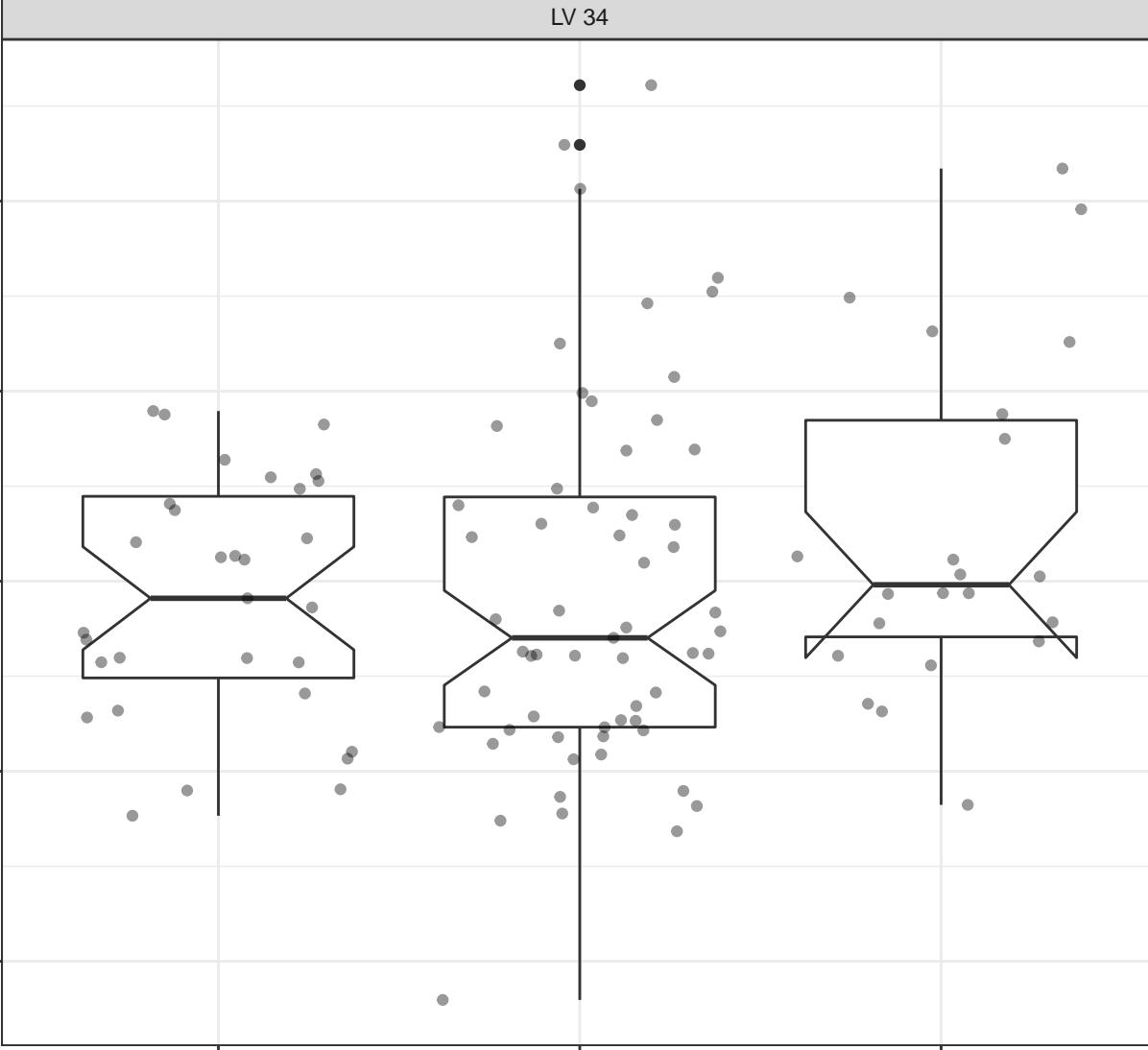
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

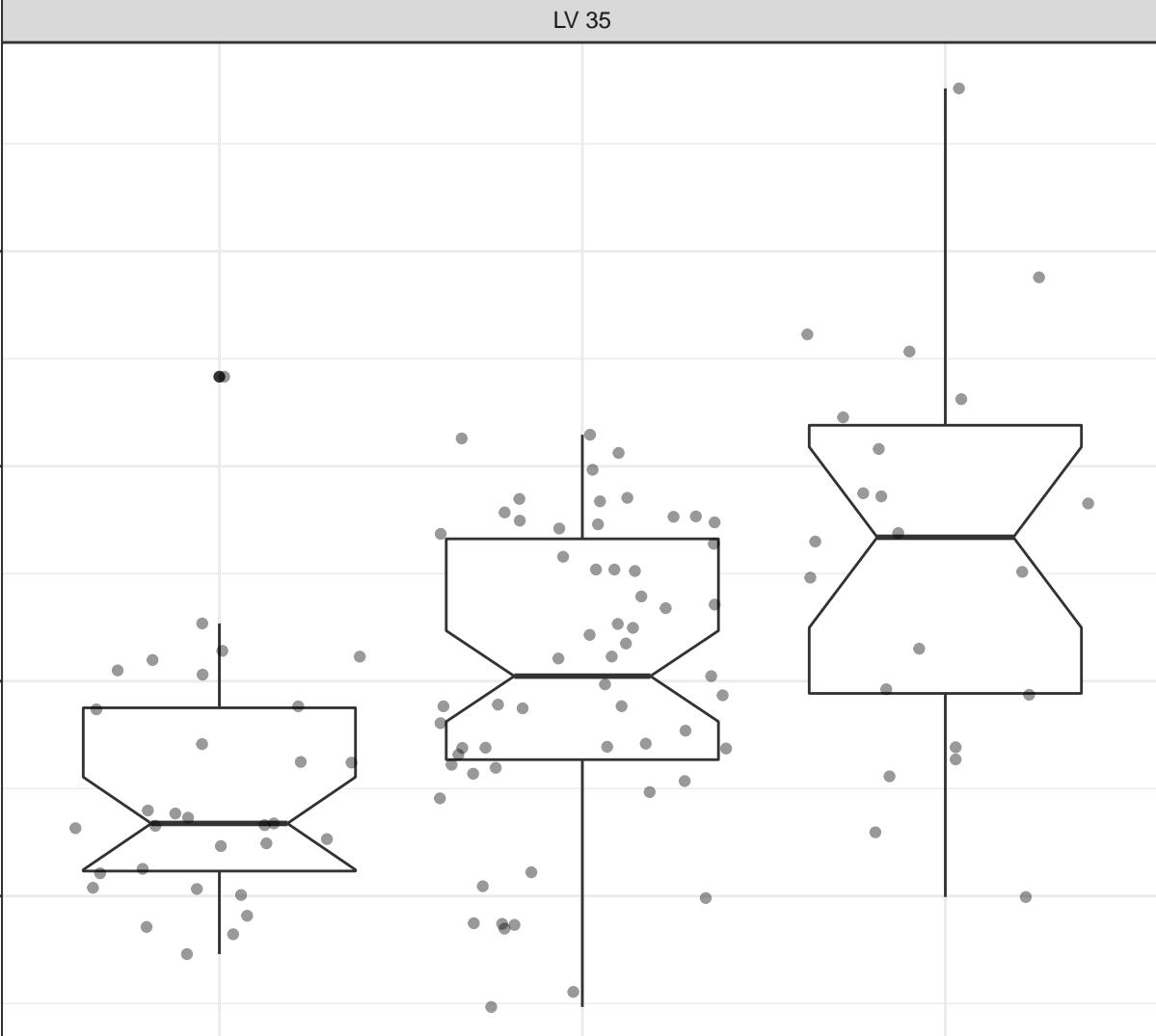
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## LV 36

Value

0.05

0.00

-0.05

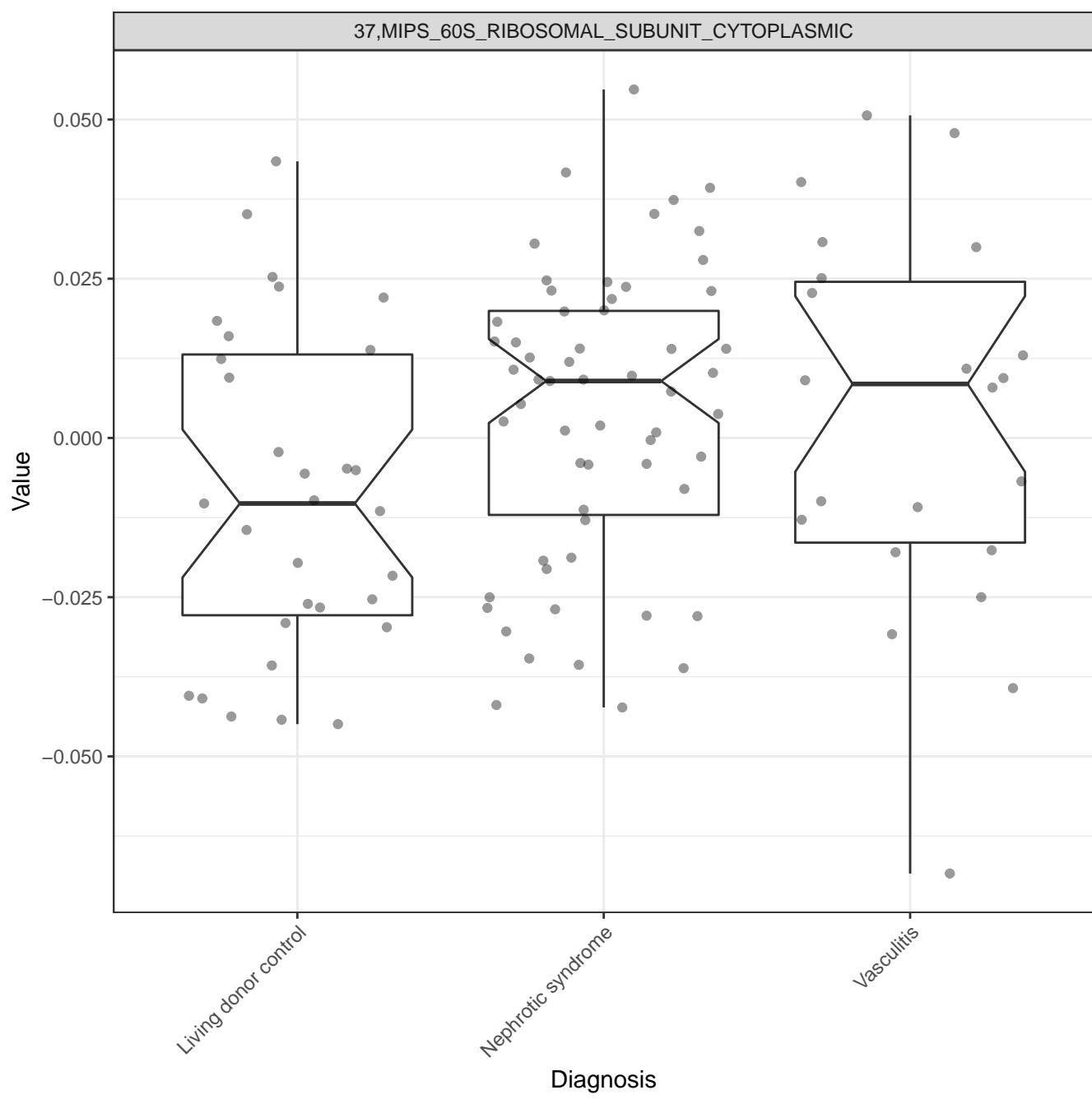
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

### 37,MIPS\_60S\_RIBOSOMAL\_SUBUNIT\_CYTOPLASMIC



## 38,PID\_PLK1\_PATHWAY

Value

0.4

0.2

0.0

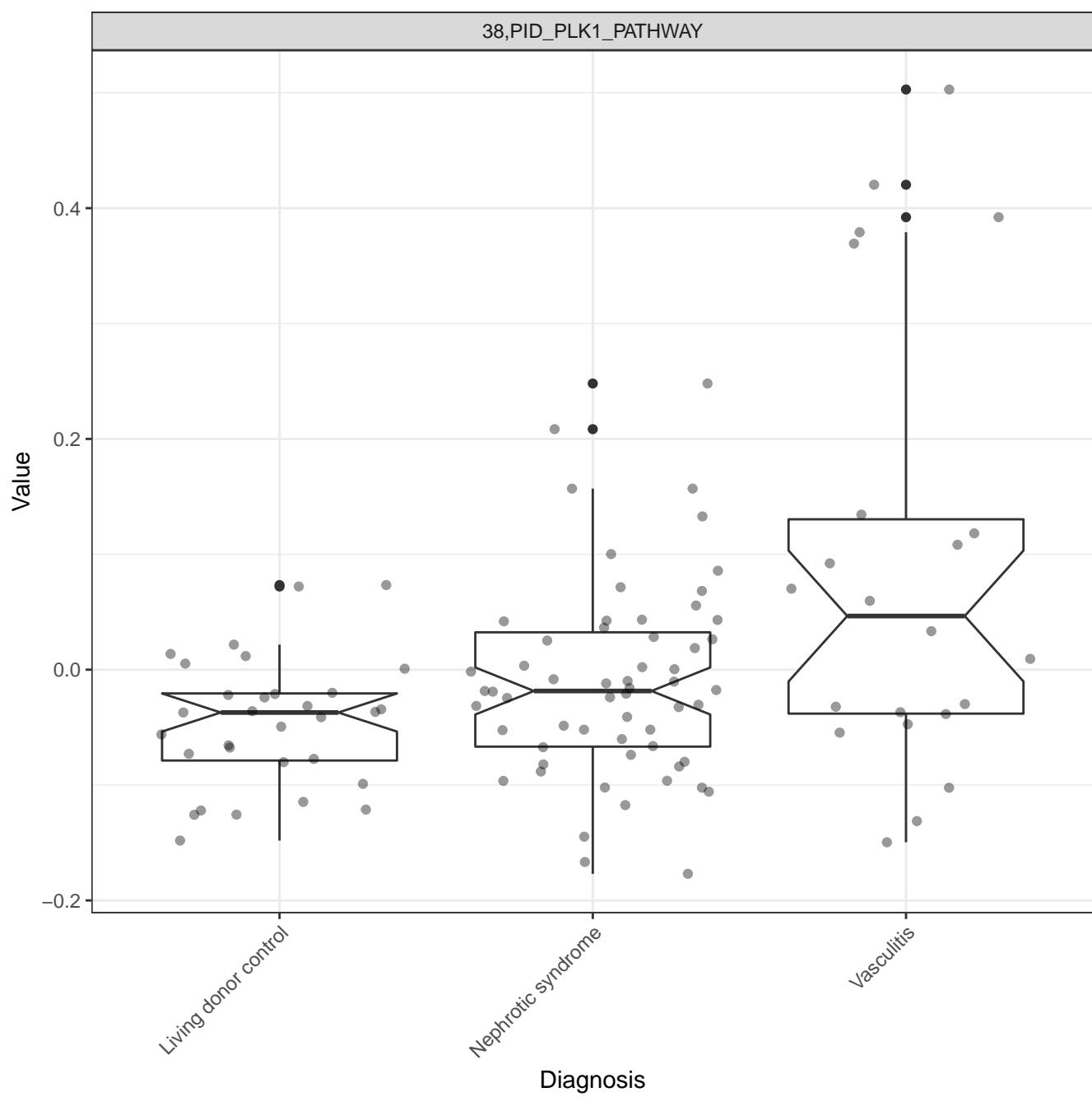
-0.2

Living donor control

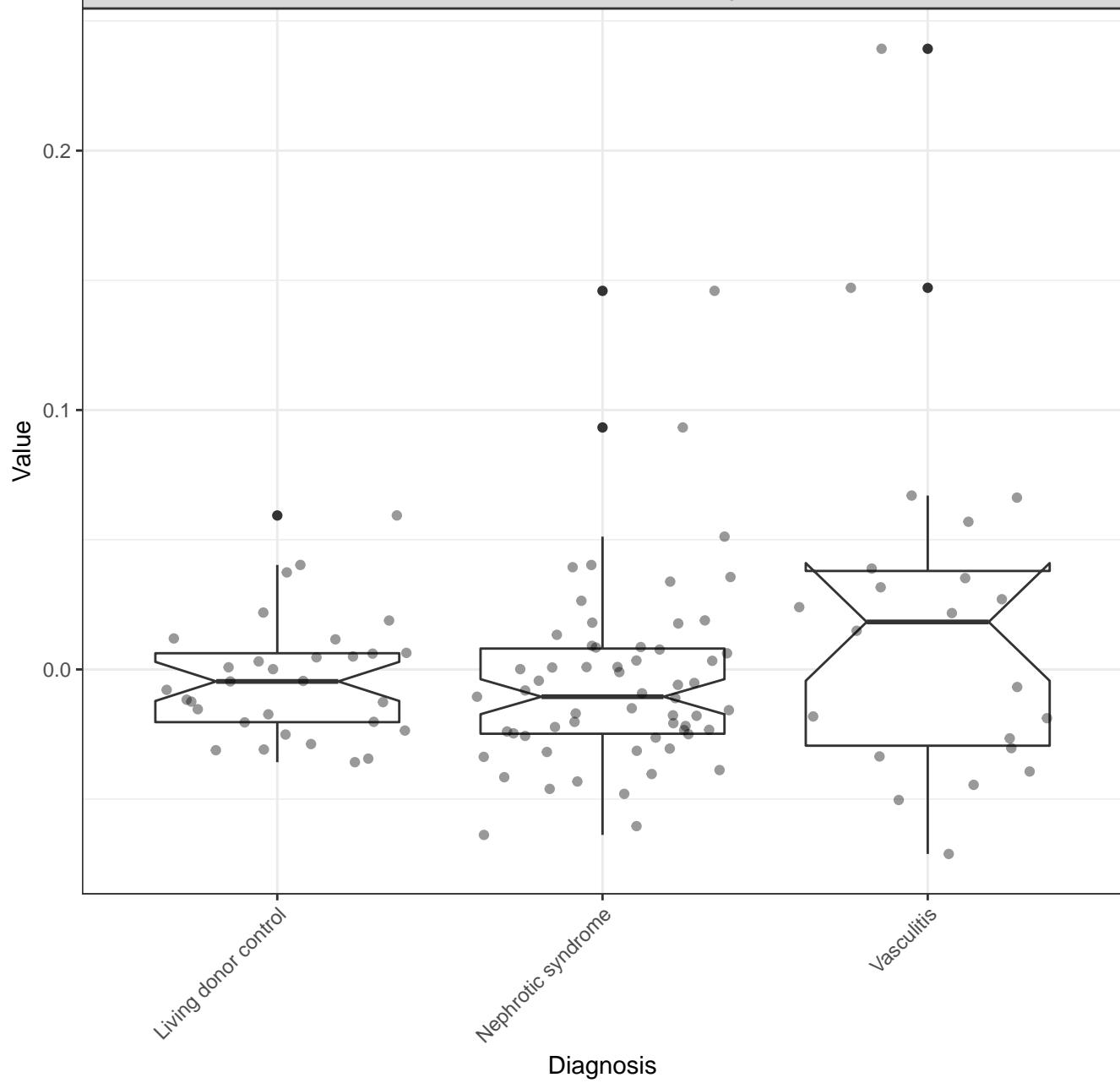
Nephrotic syndrome

Vasculitis

Diagnosis



### 39,SVM Dendritic cells resting



LV 40

Value

0.10

0.05

0.00

-0.05

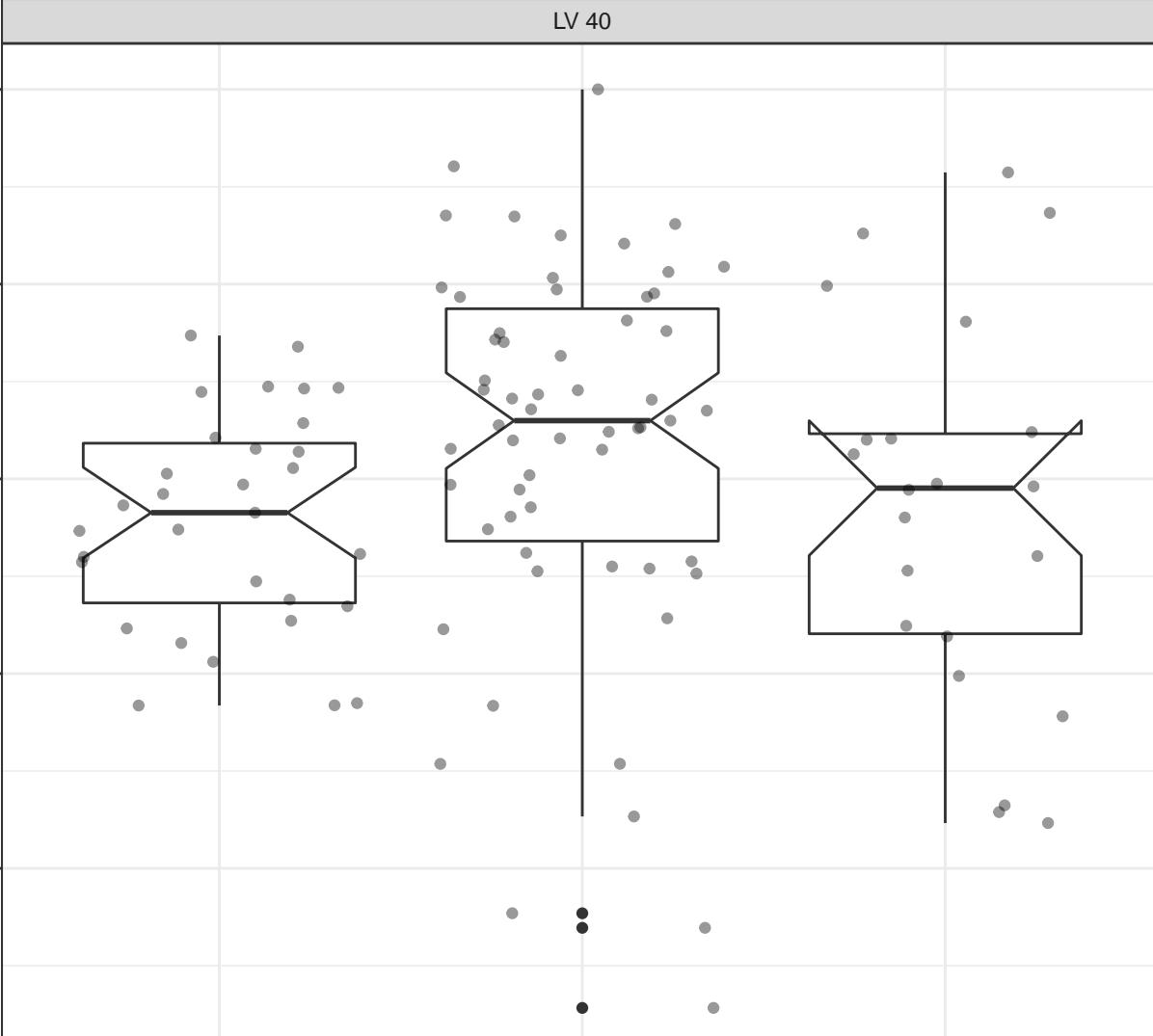
-0.10

Living donor control

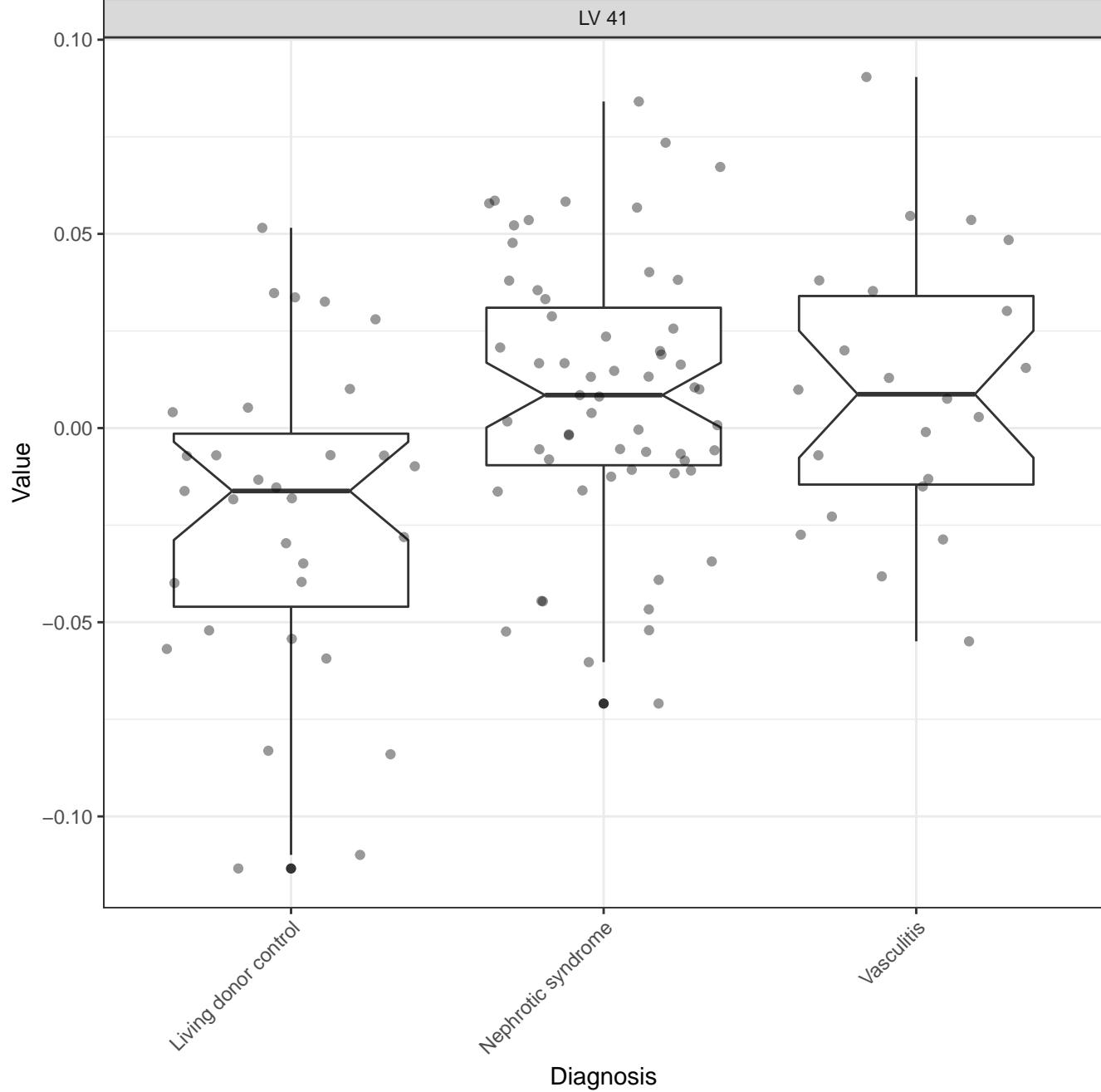
Nephrotic syndrome

Vasculitis

Diagnosis



LV 41



## 42,DMAP\_HSC1

Value

0.0

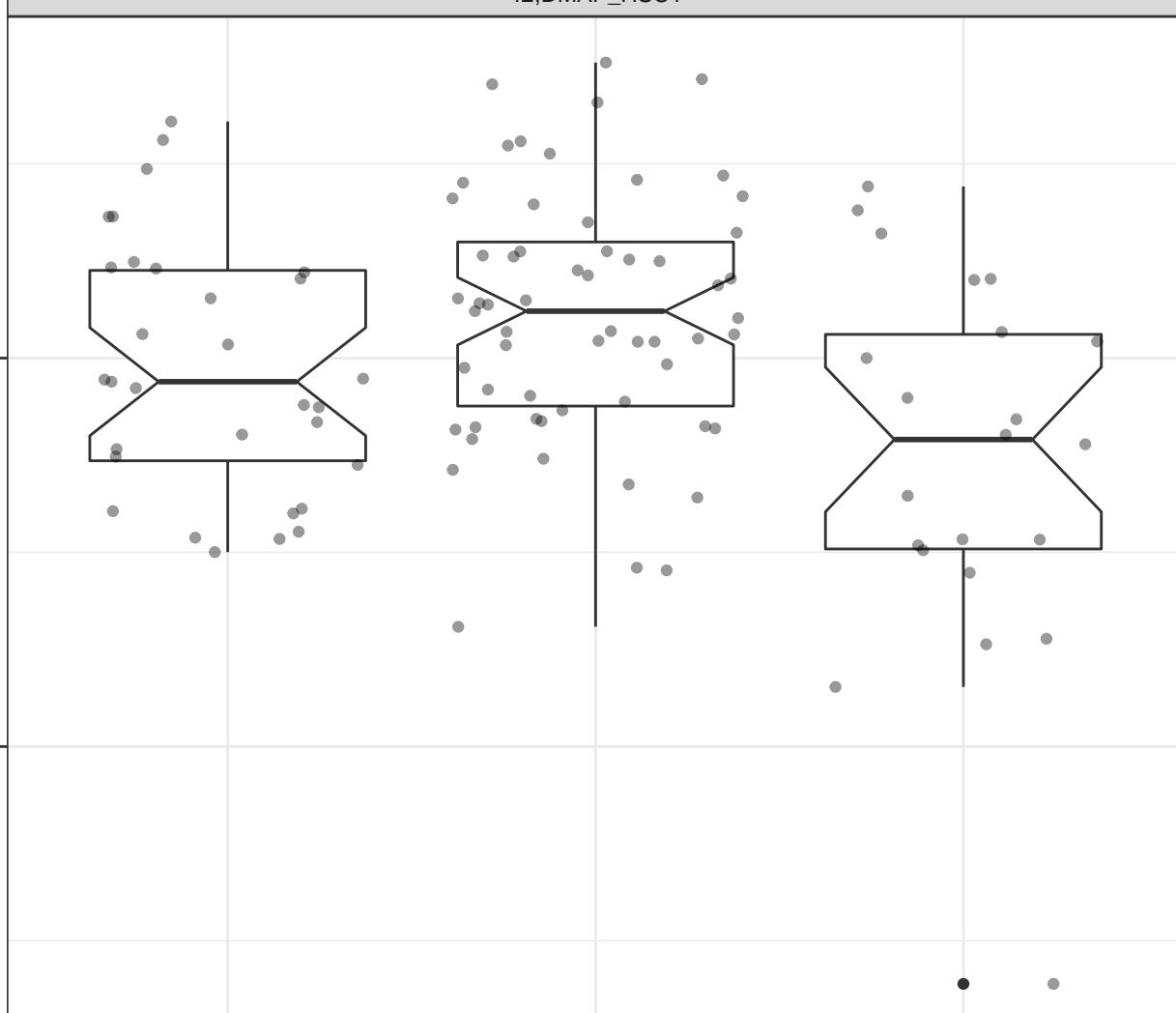
-0.1

Living donor control

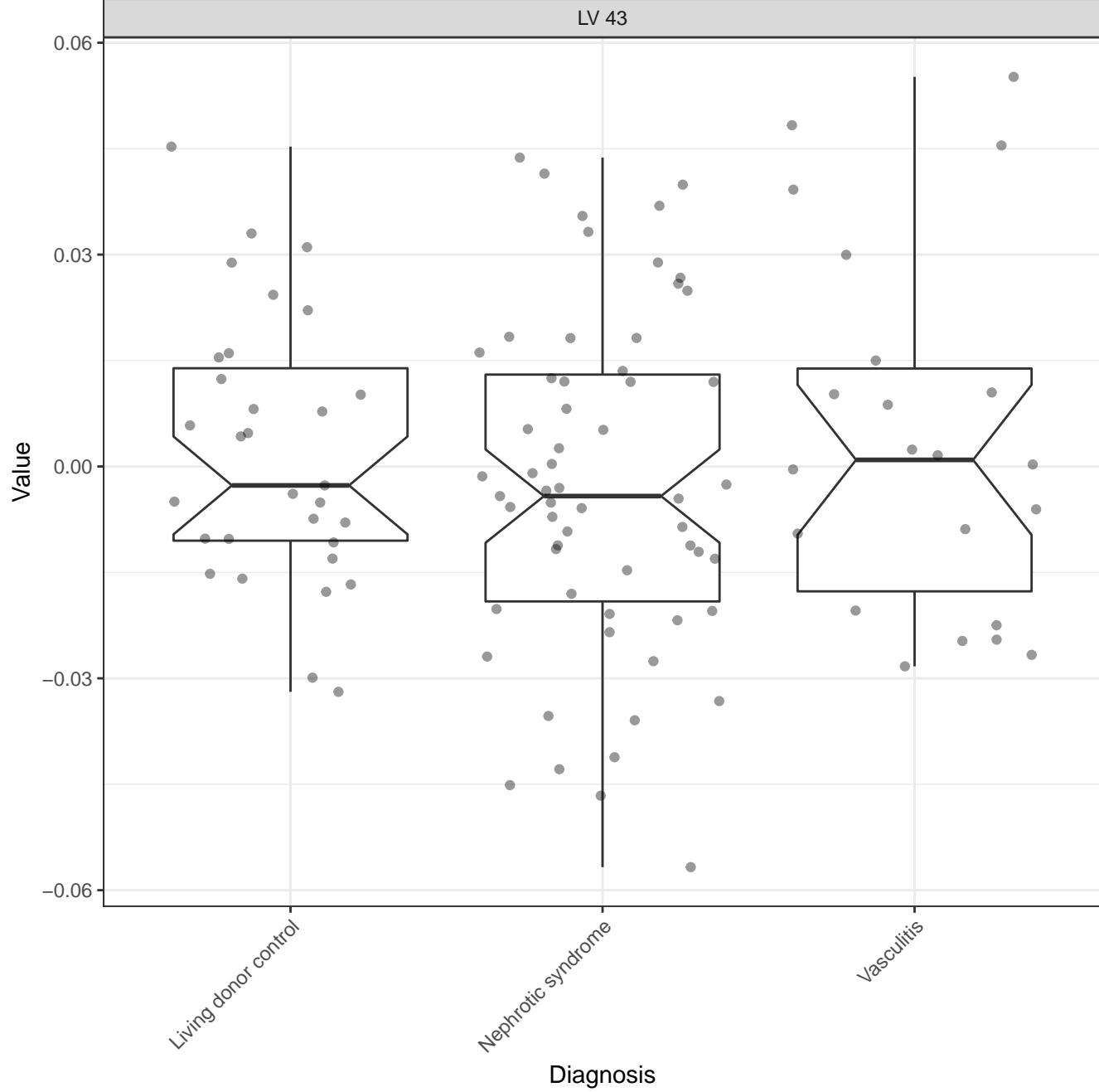
Nephrotic syndrome

Vasculitis

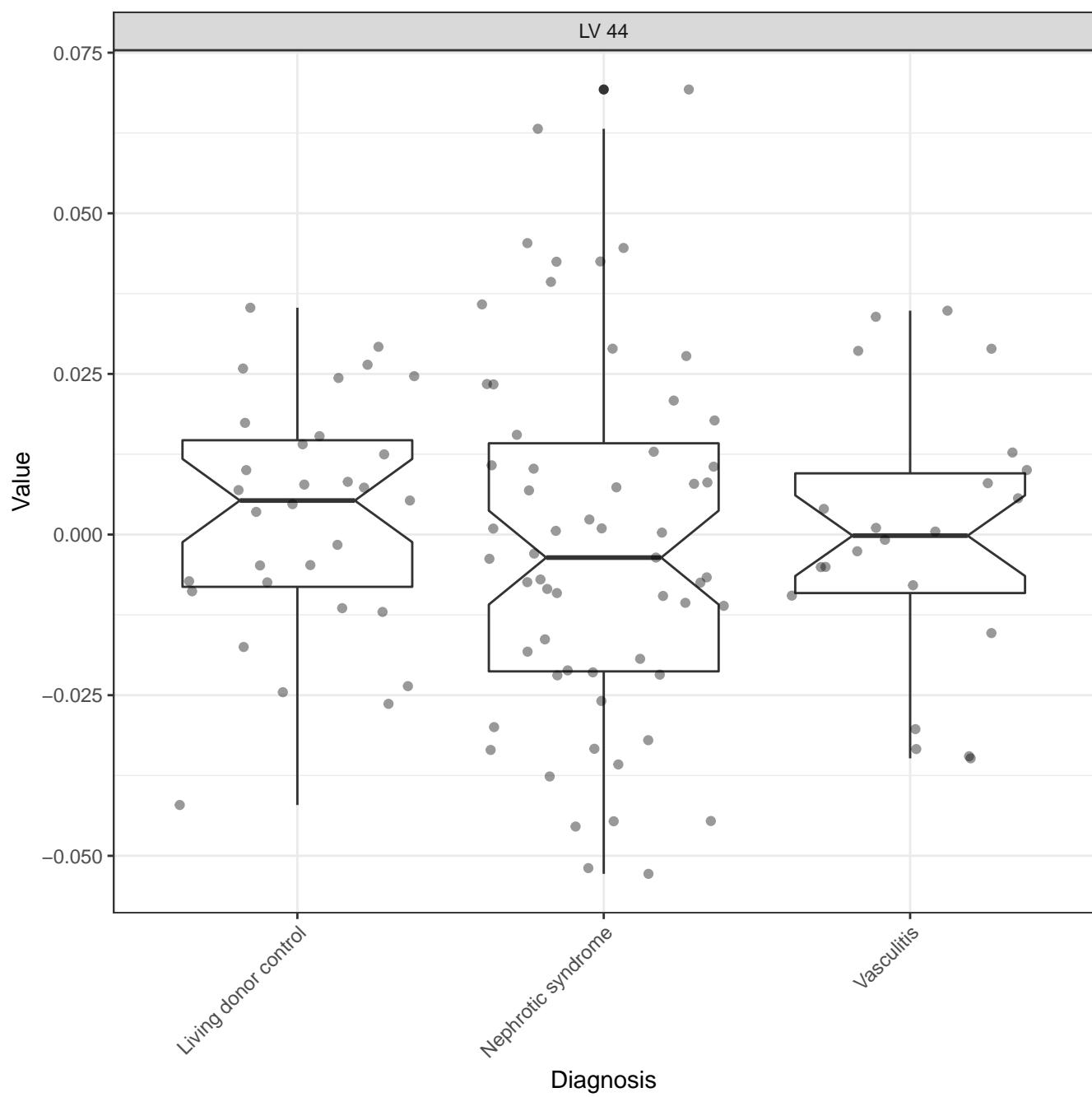
Diagnosis



LV 43



LV 44



### 45,REACTOME\_RNA\_POL\_I\_PROMOTER\_OPENING

Value

0.04

0.00

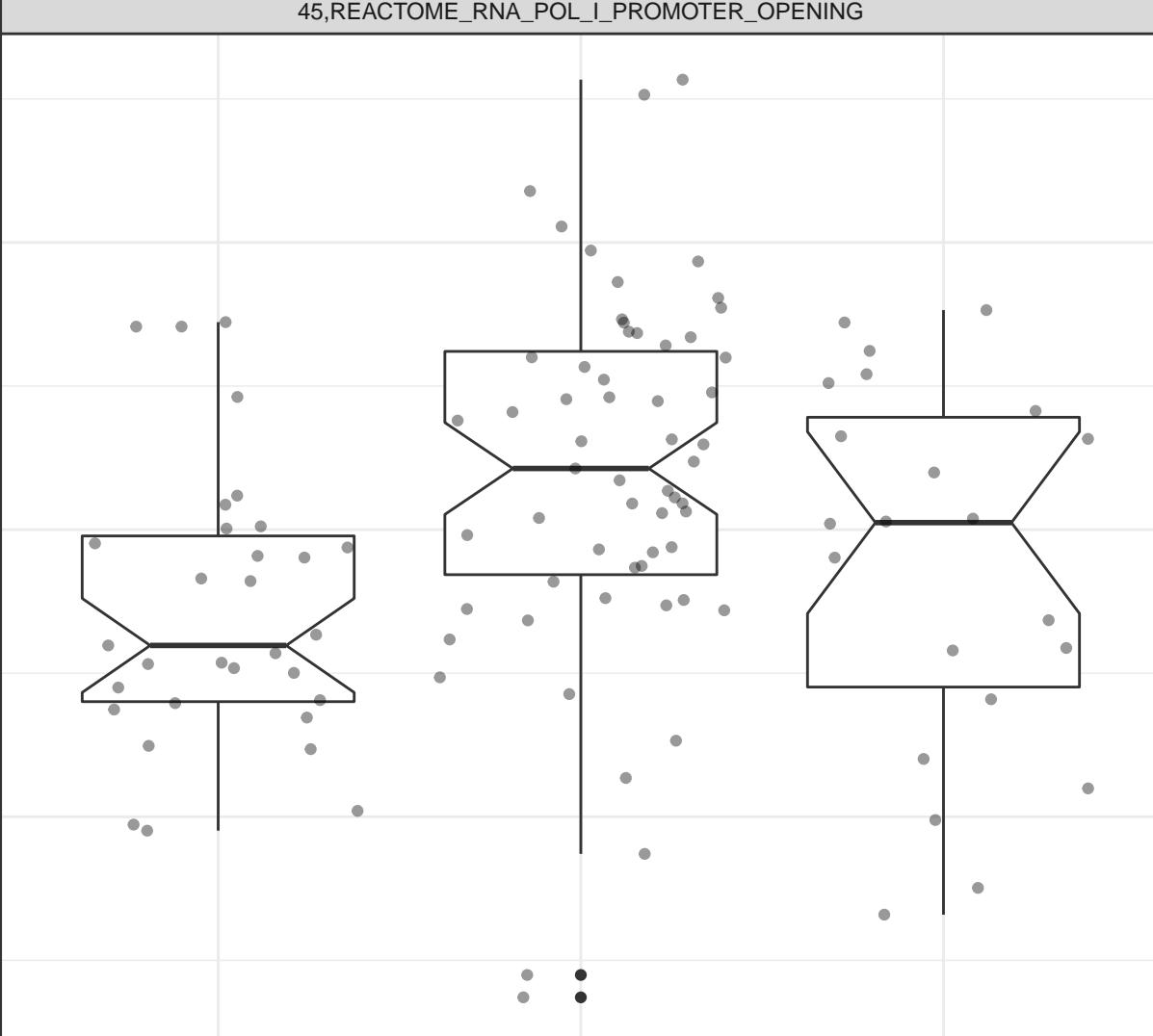
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

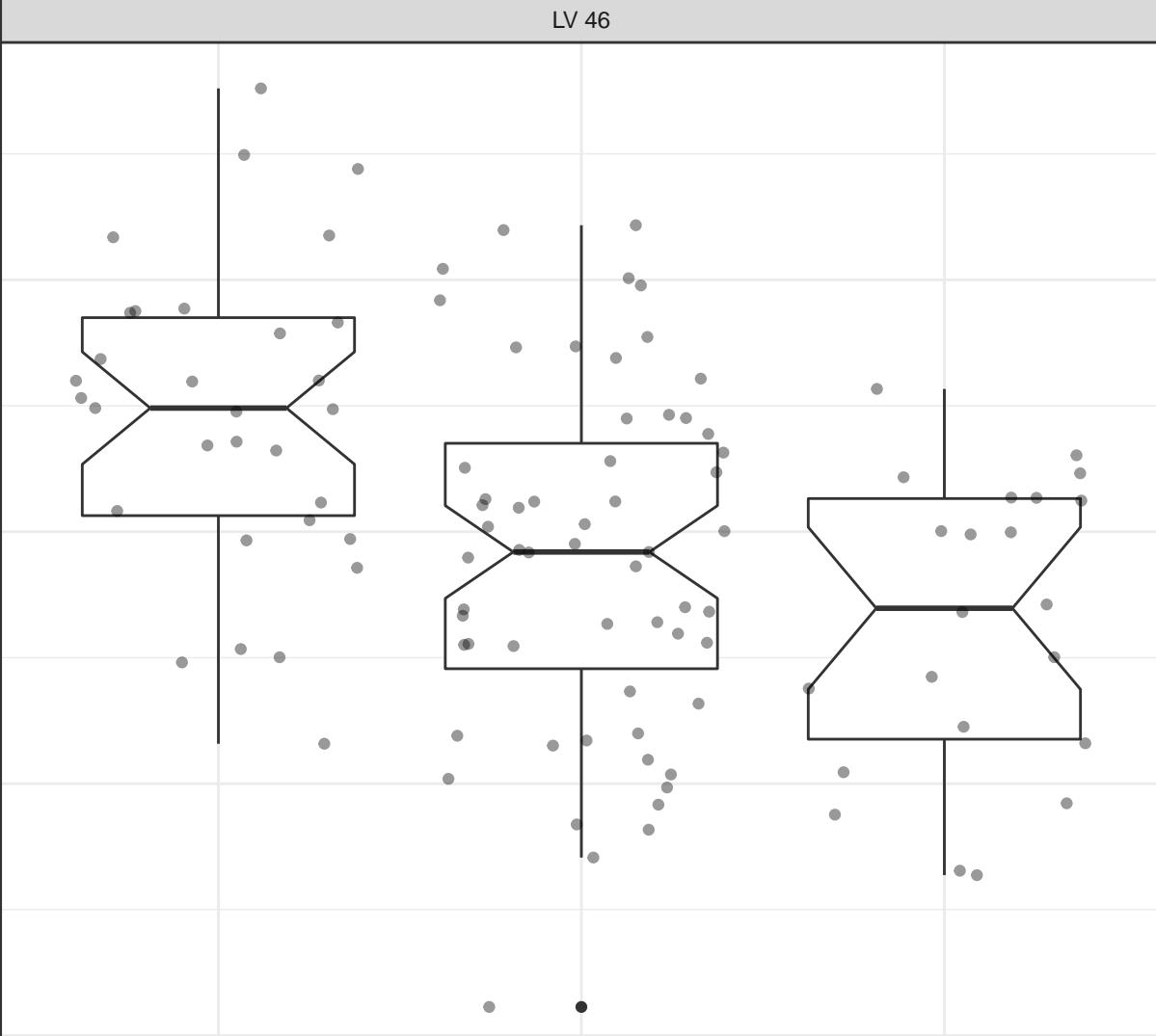
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## LV 47

Value

0.05

0.00

-0.05

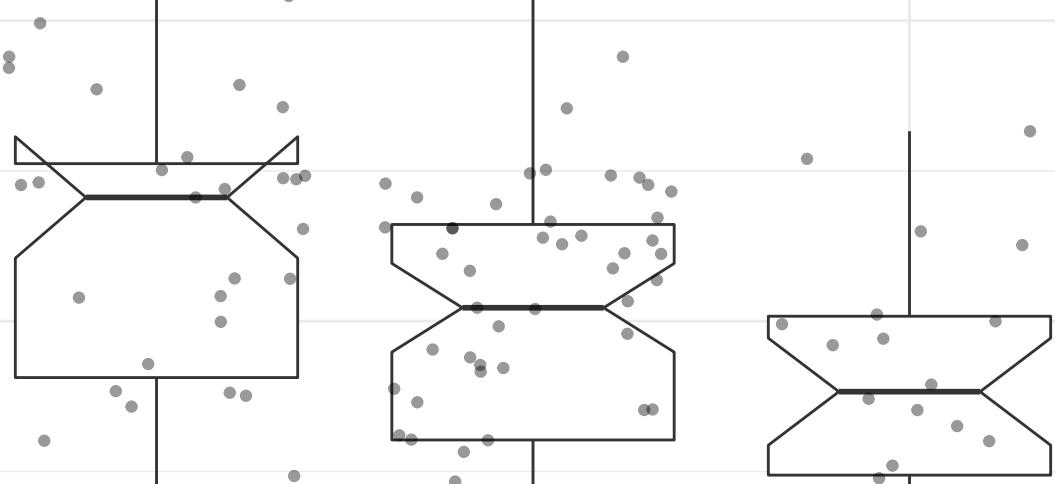
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 48,MIPS\_RIBOSOME\_CYTOPLASMIC

Value

0.05

0.01

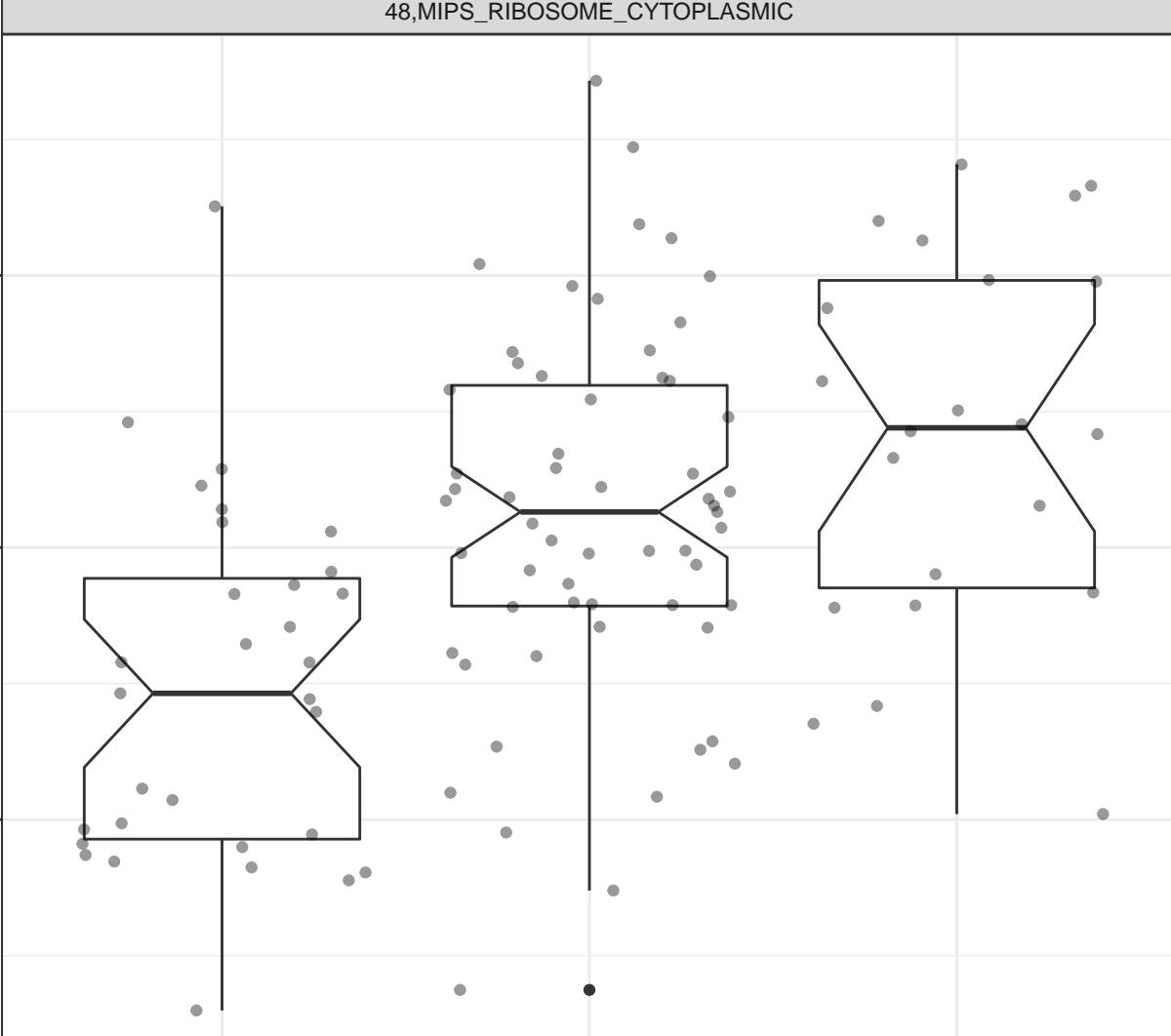
-0.05

Living donor control

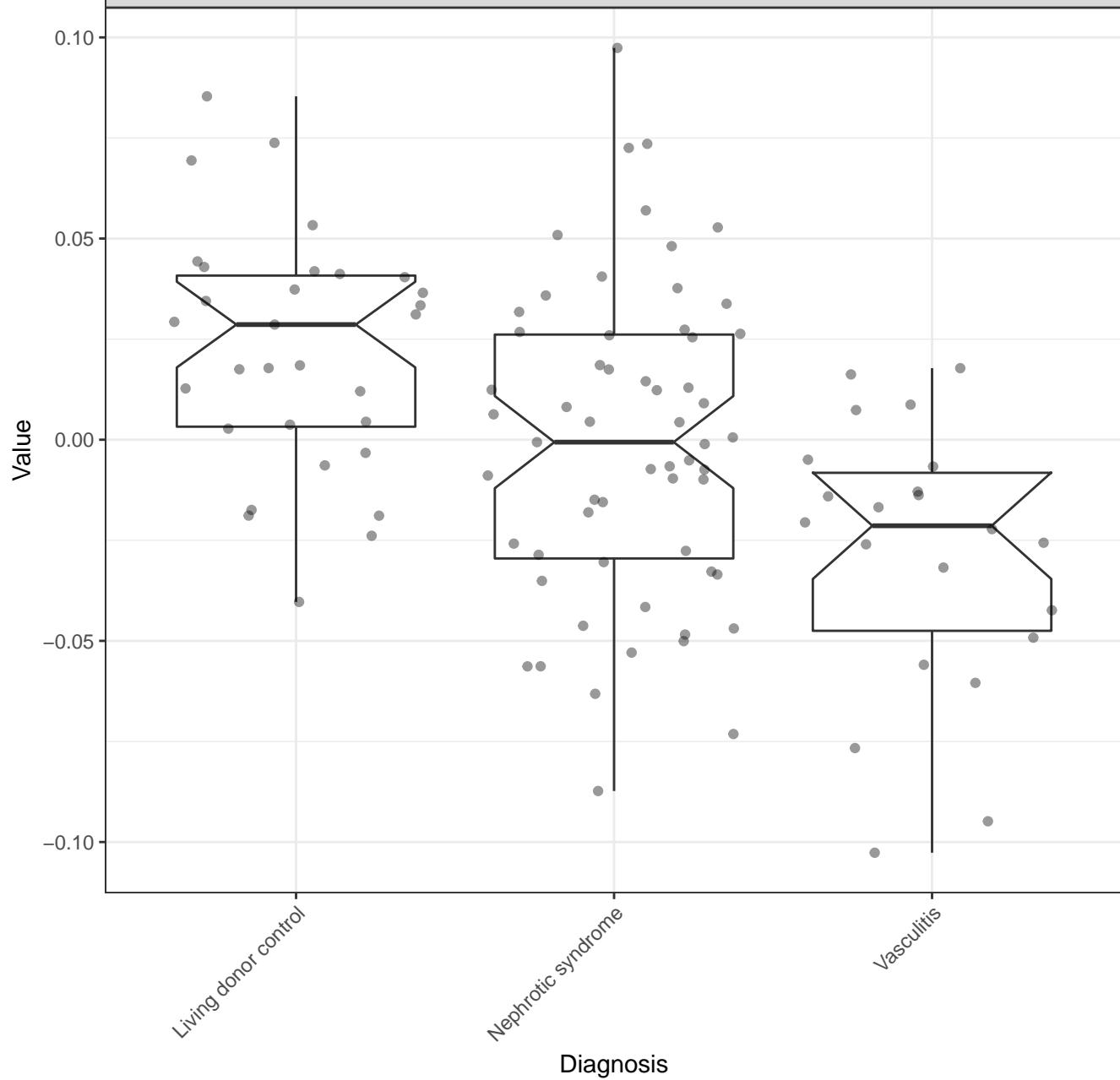
Nephrotic syndrome

Vasculitis

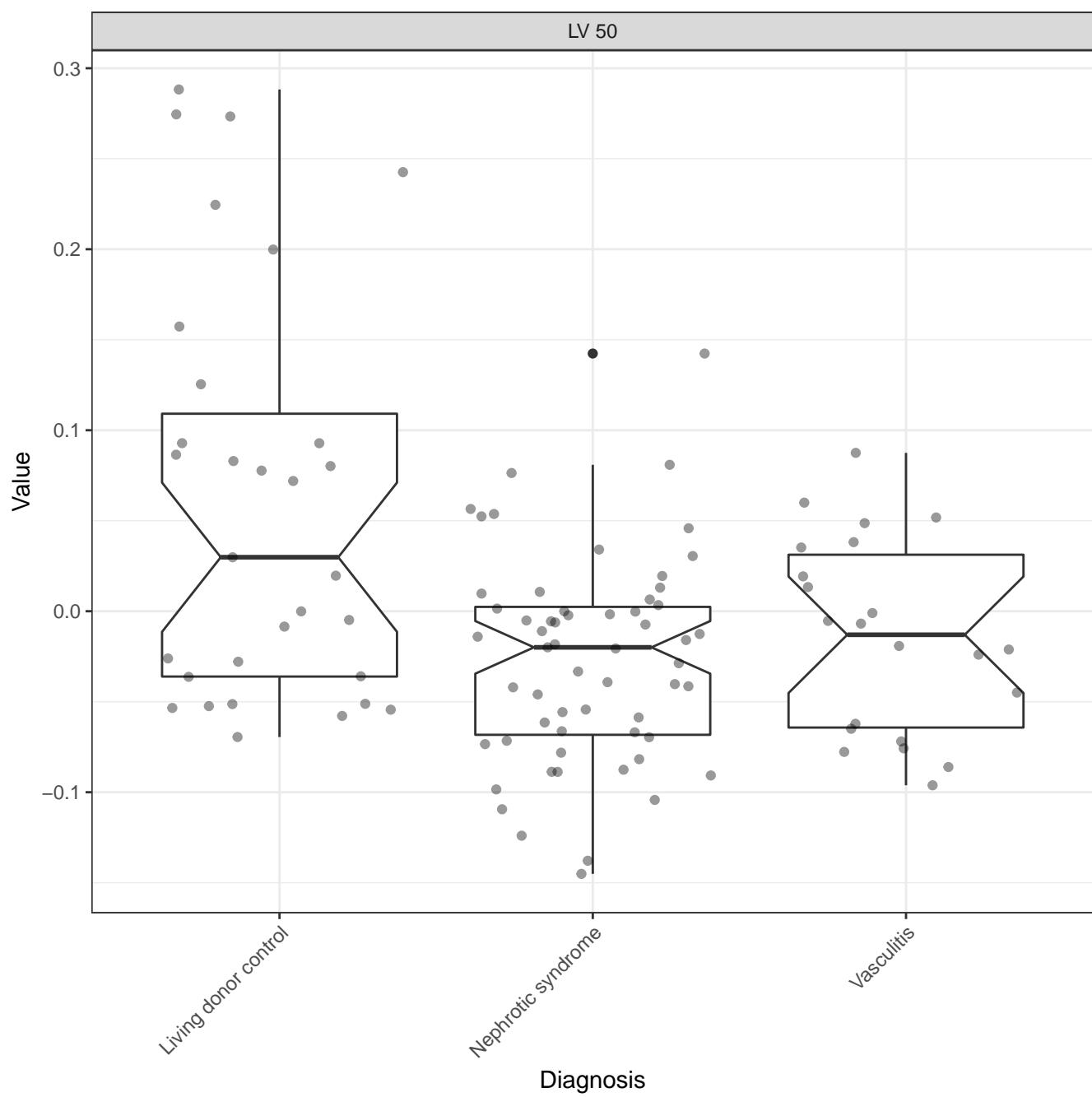
Diagnosis

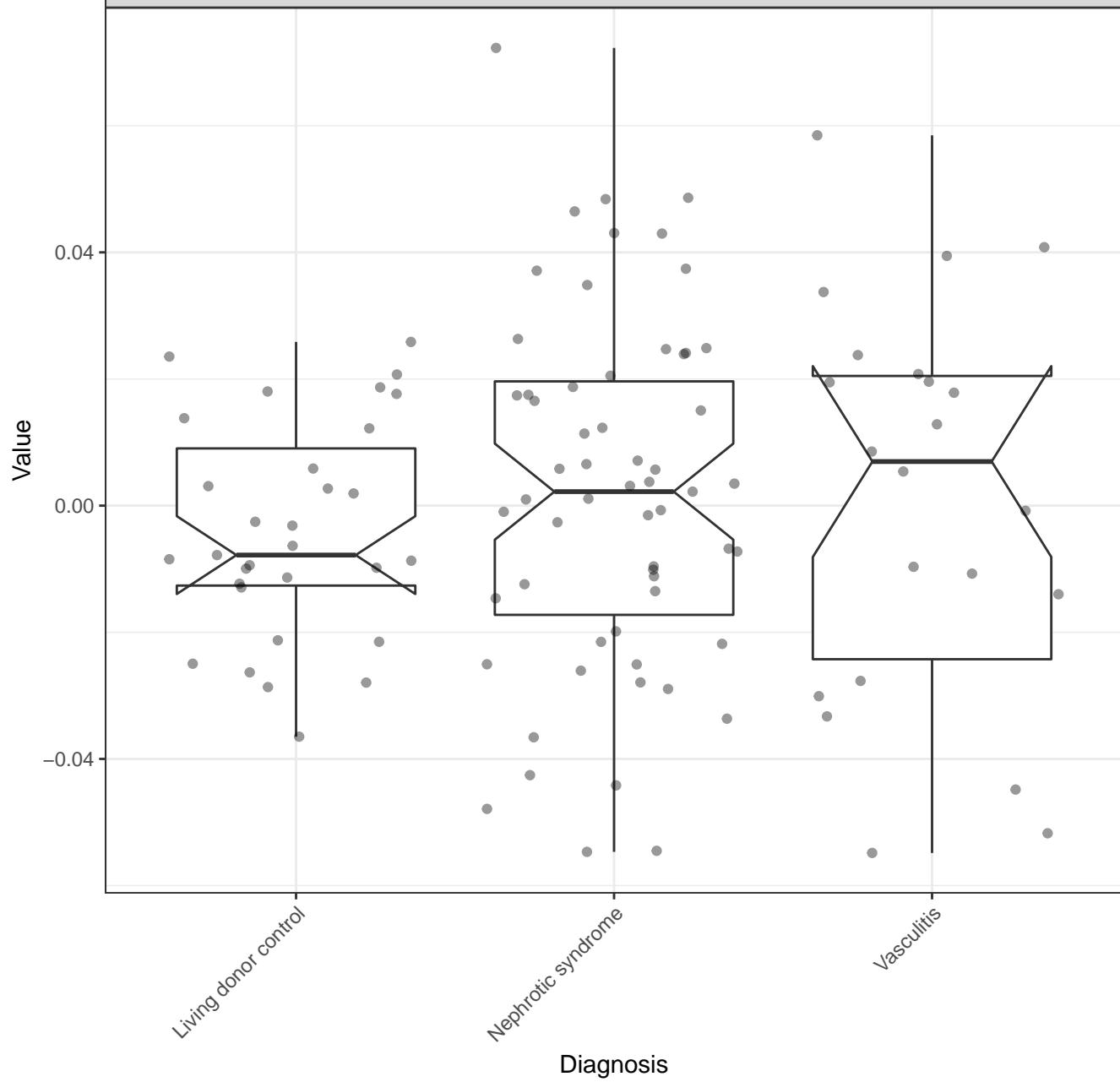


# 49,KEGG\_DILATED\_CARDIOMYOPATHY

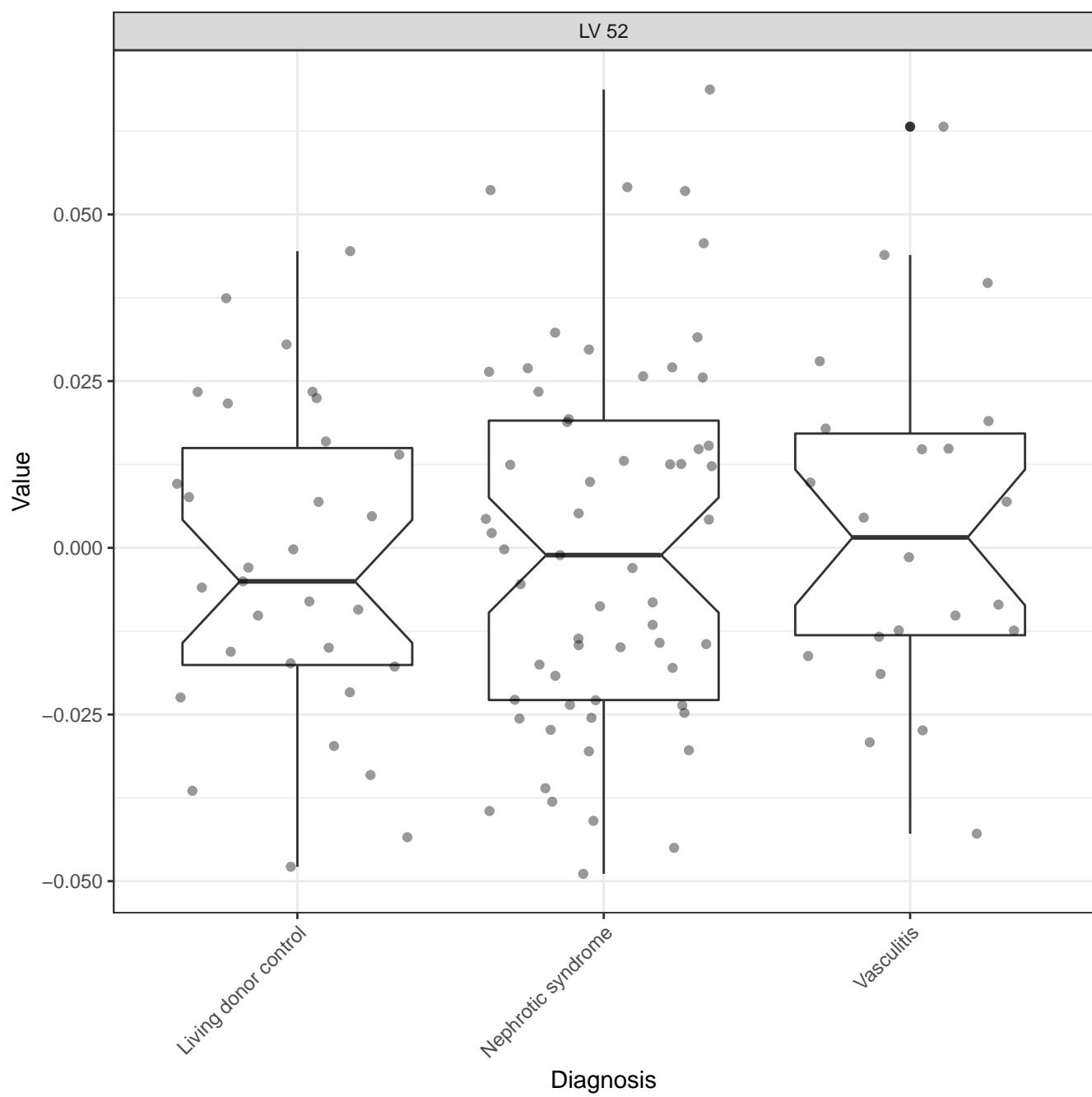


LV 50

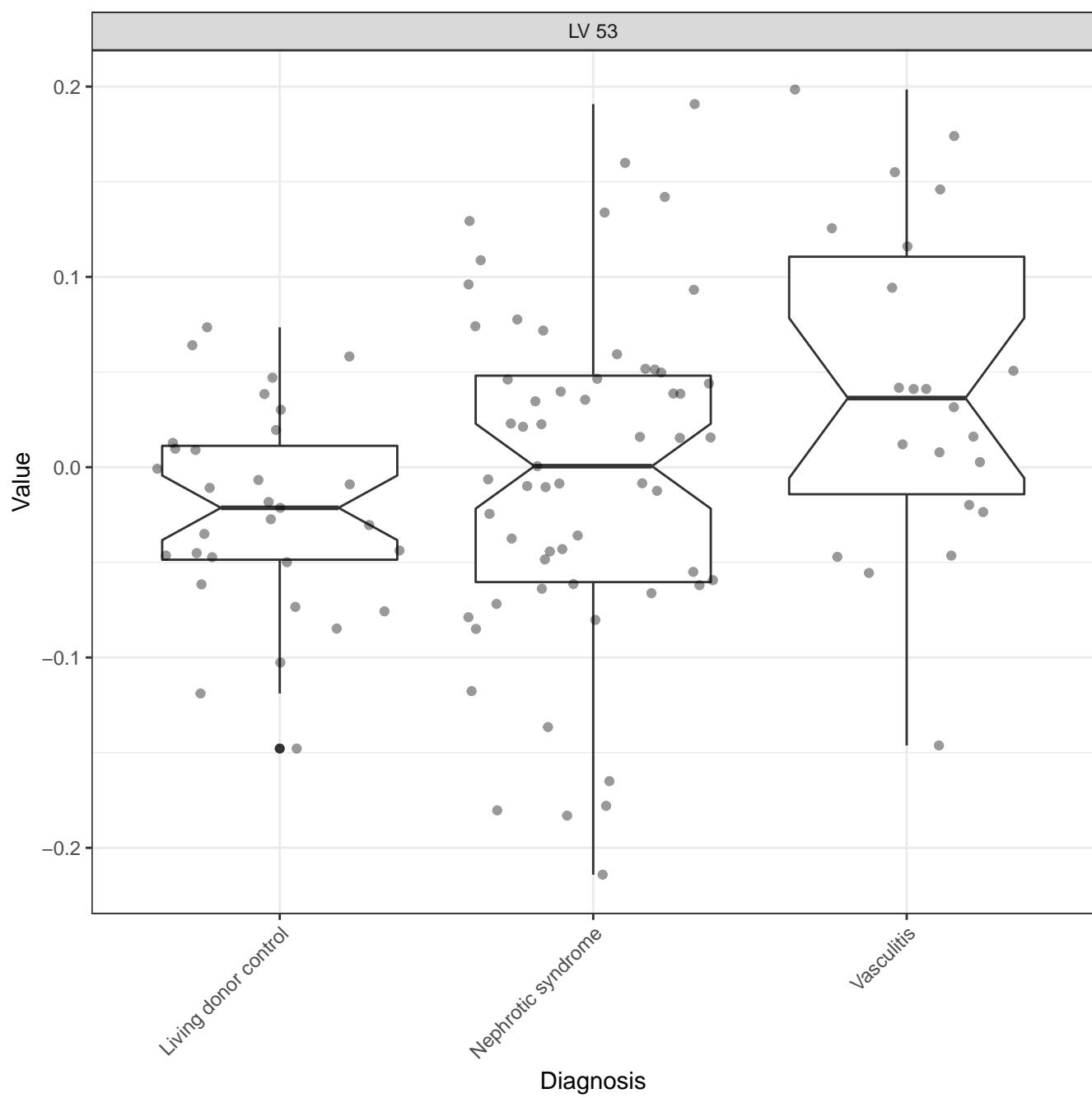




## LV 52



LV 53



LV 54

Value

0.05

0.00

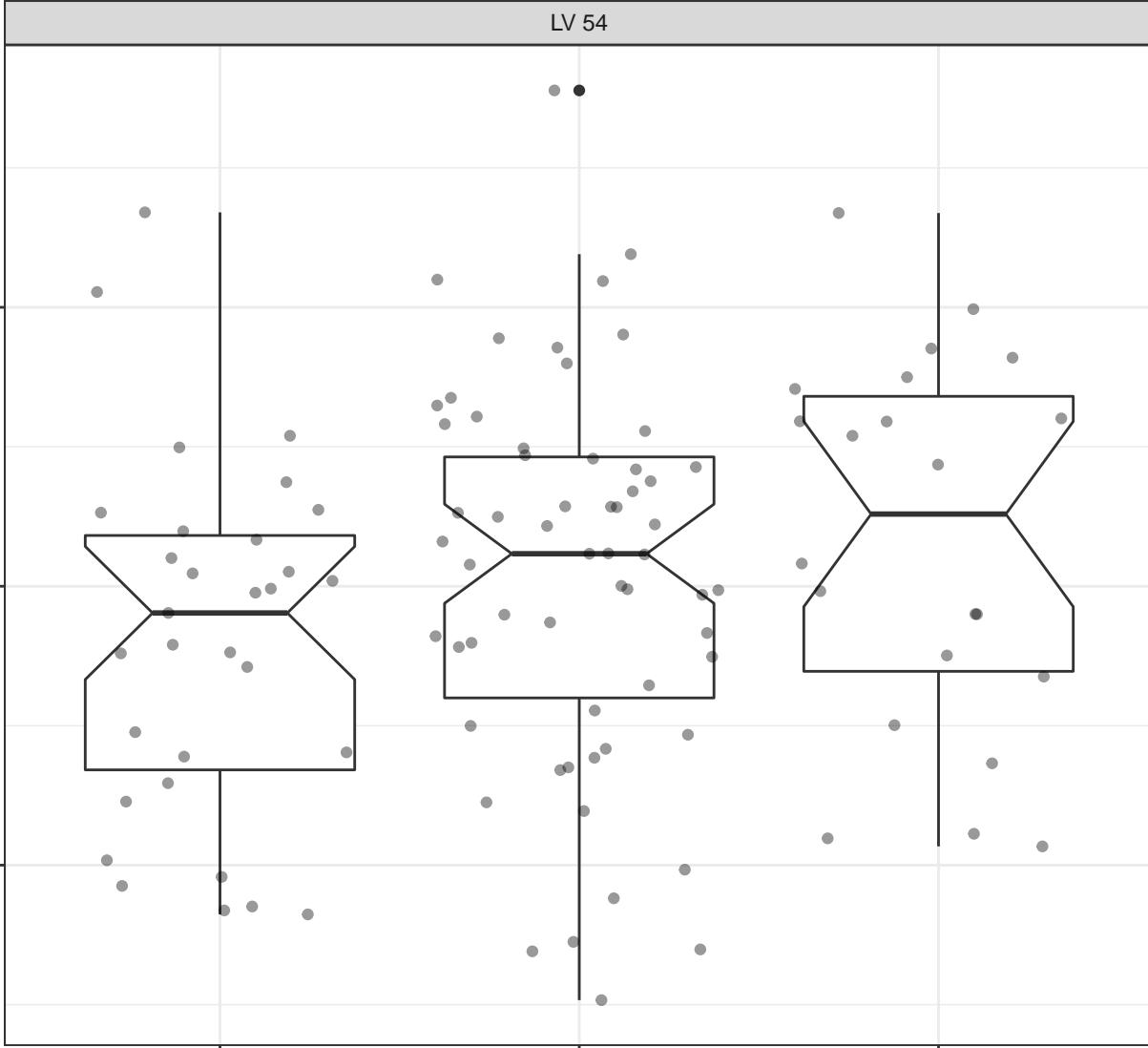
-0.05

Living donor control

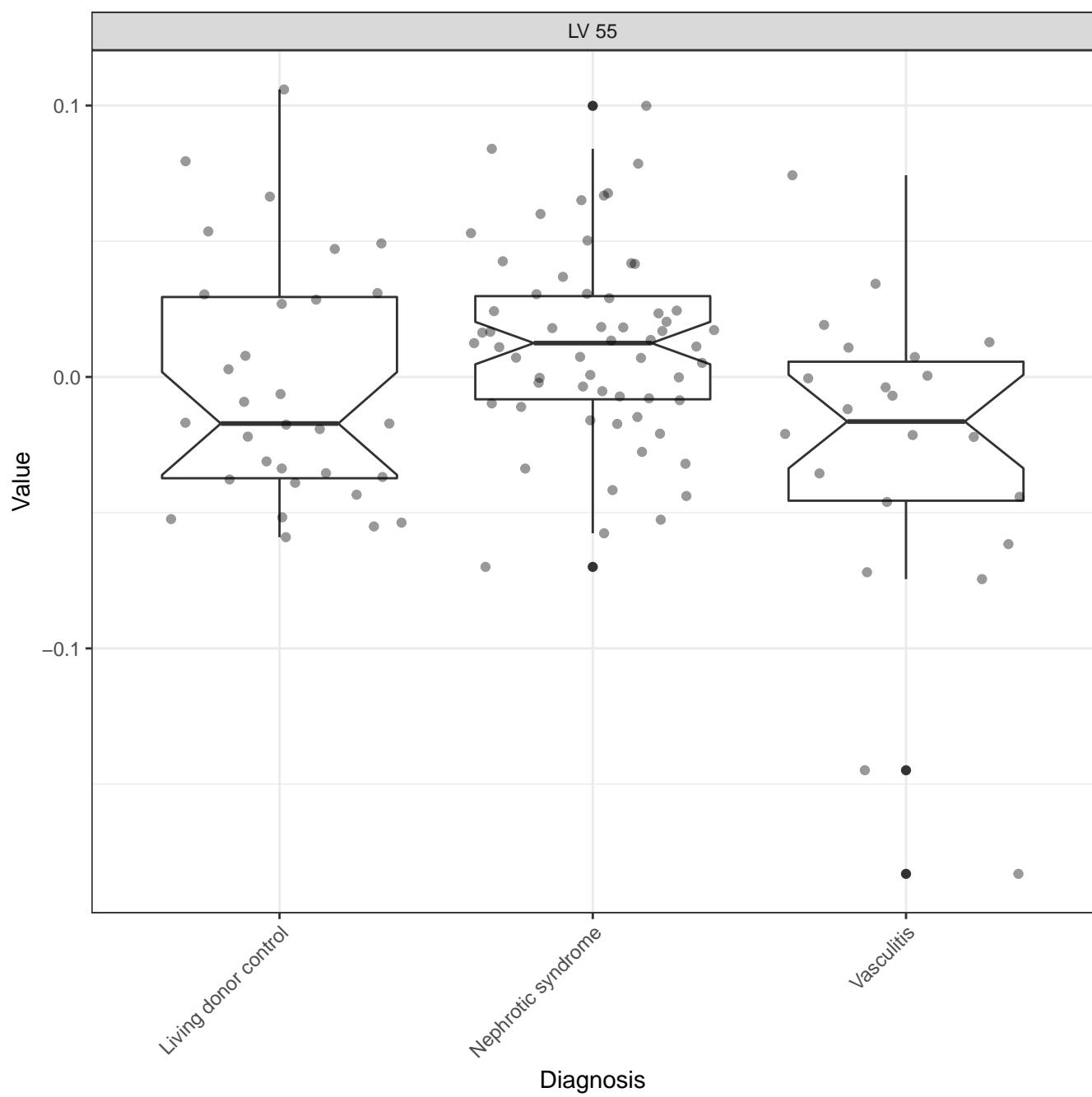
Nephrotic syndrome

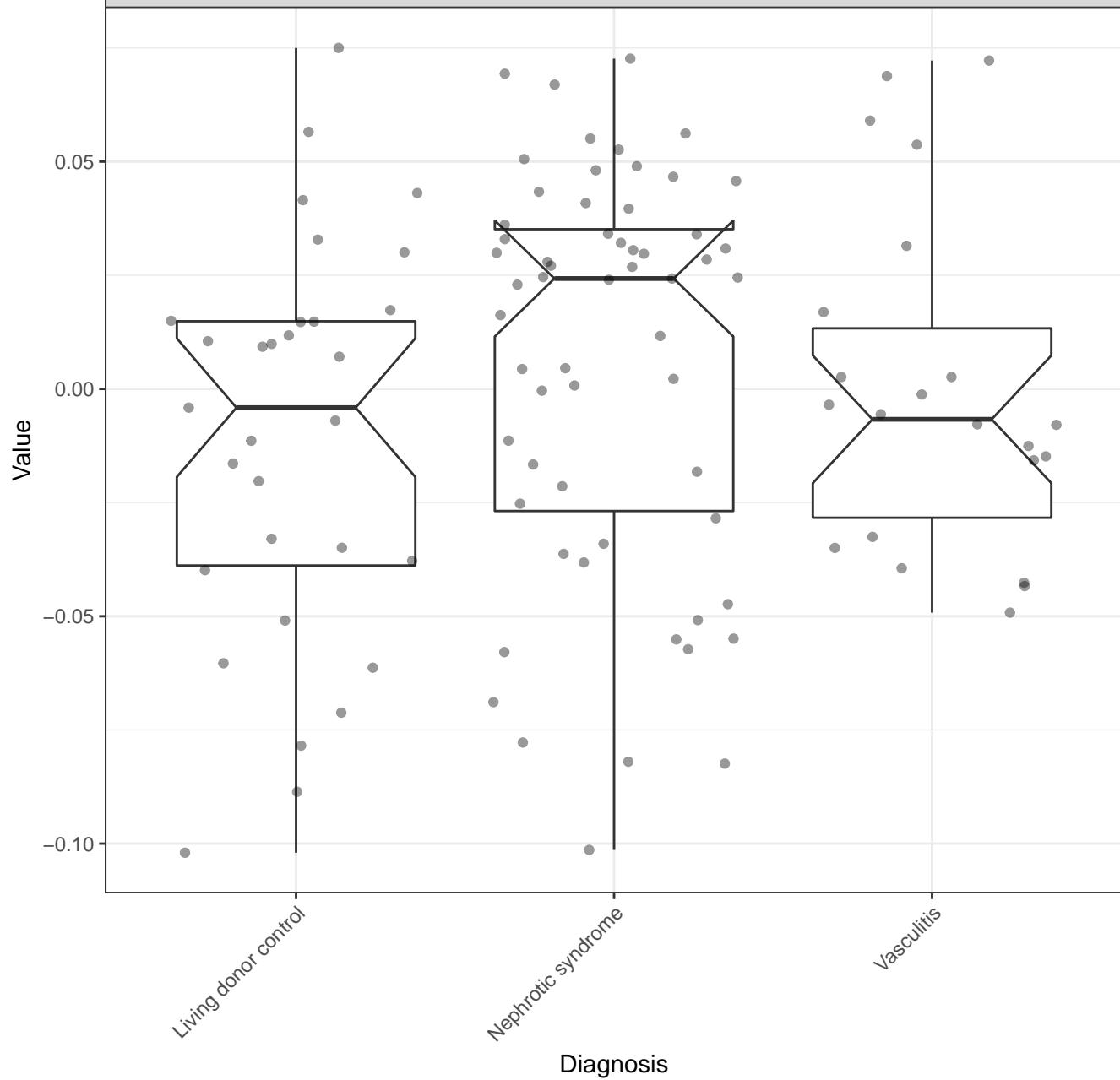
Vasculitis

Diagnosis

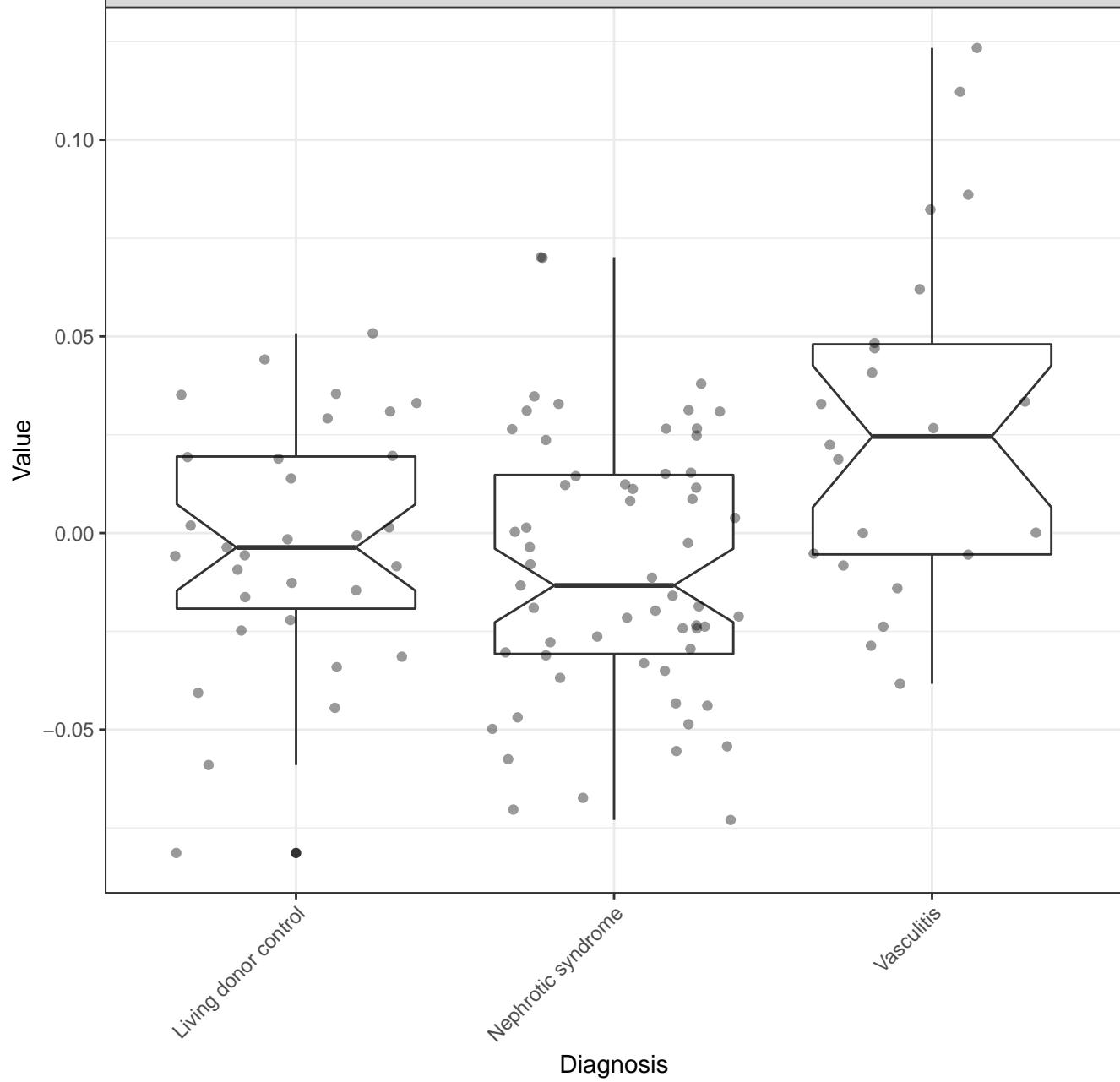


LV 55

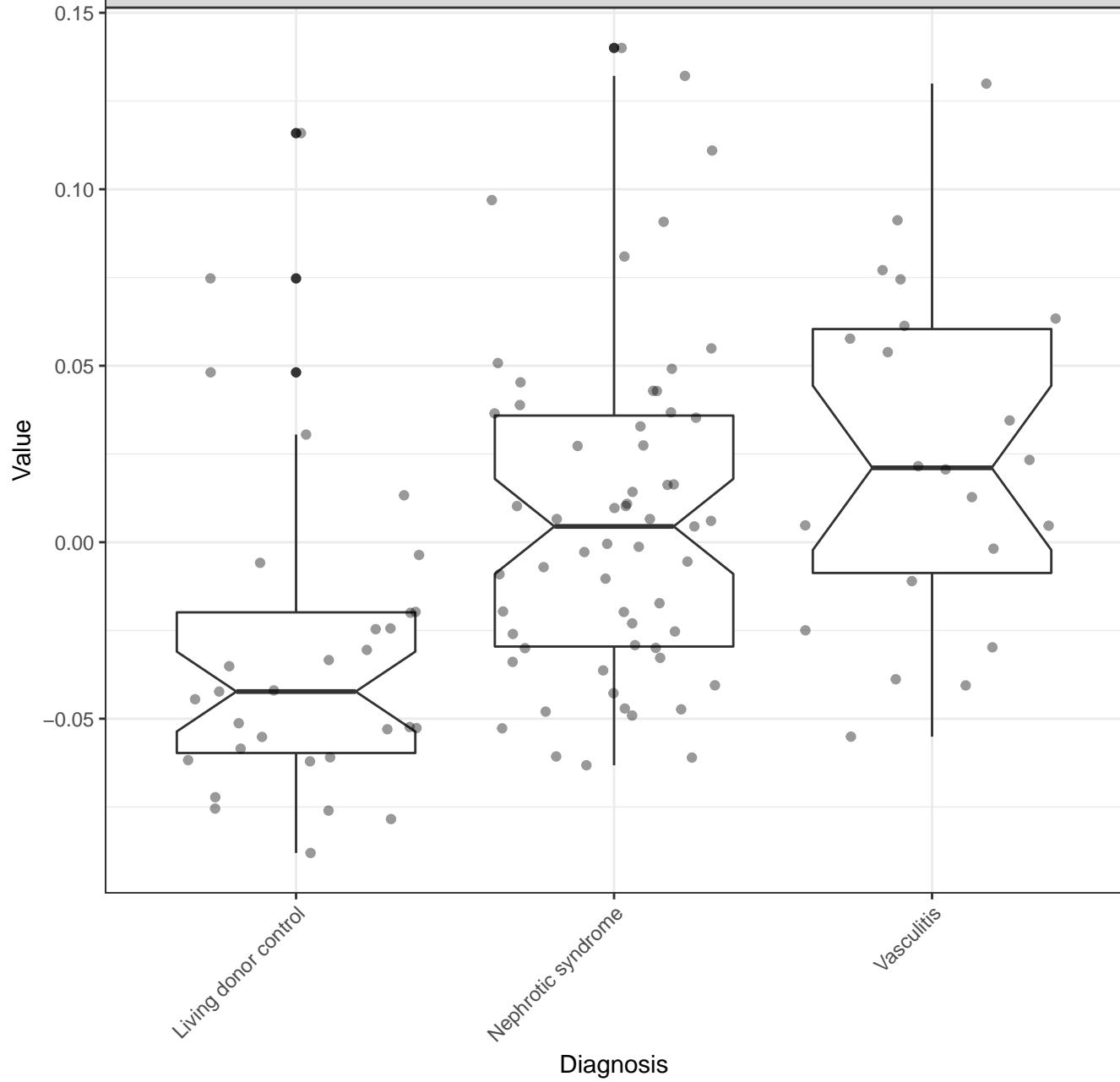




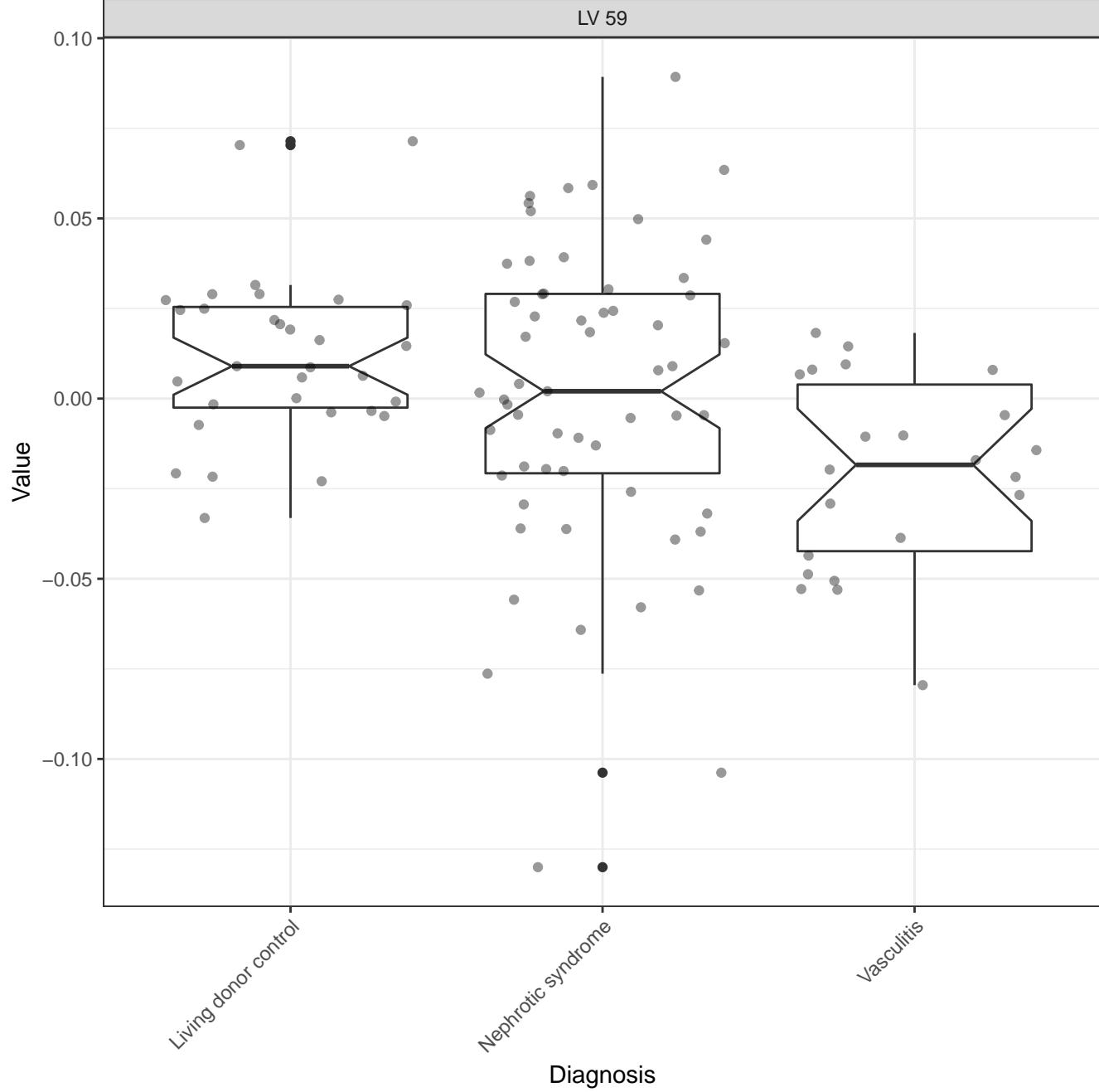
### 57,SVM T cells CD4 memory activated



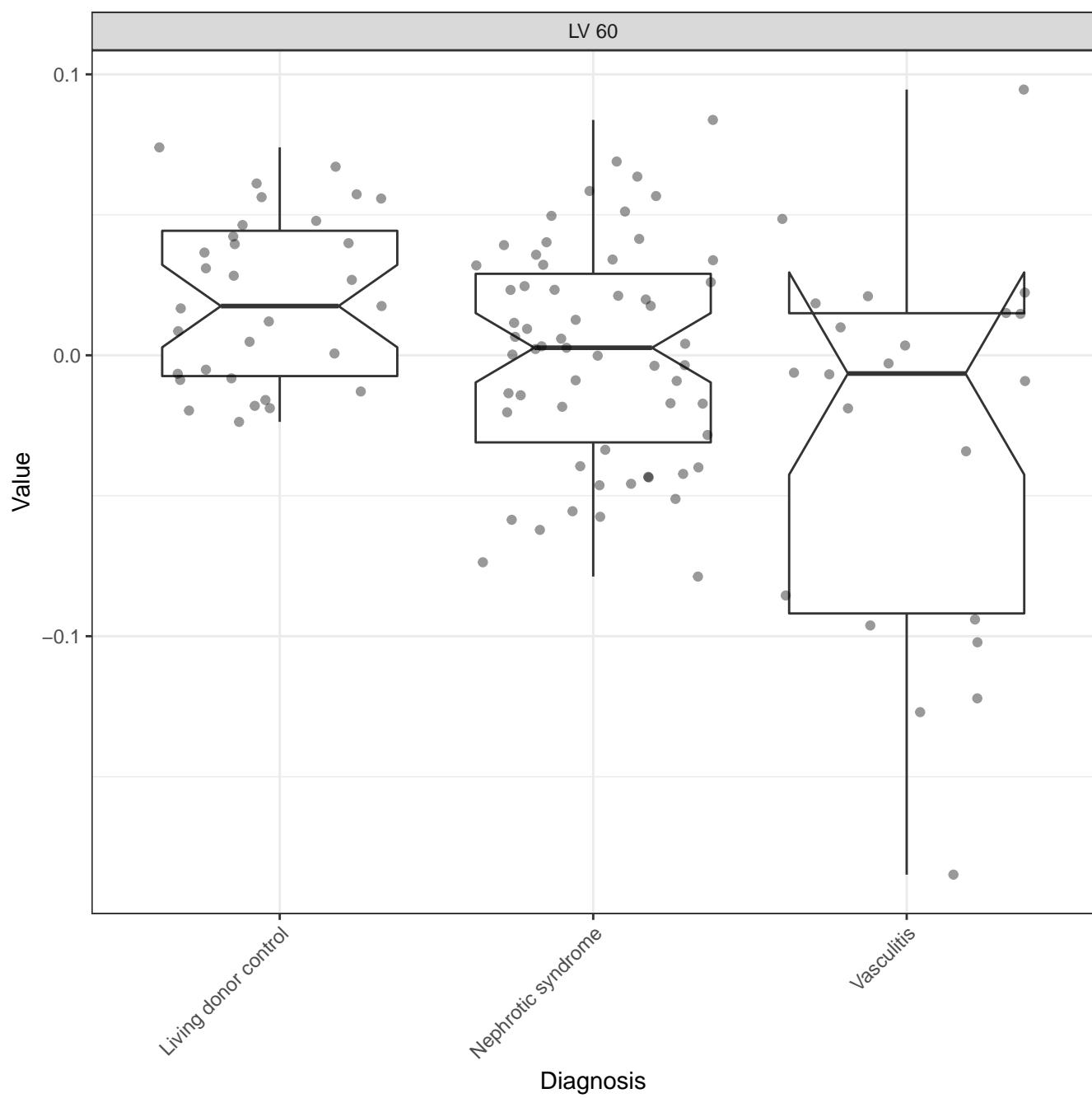
## 58,SVM NK cells resting



LV 59



LV 60



## 61,DMAP\_ERY5

Value

0.10

0.05

0.00

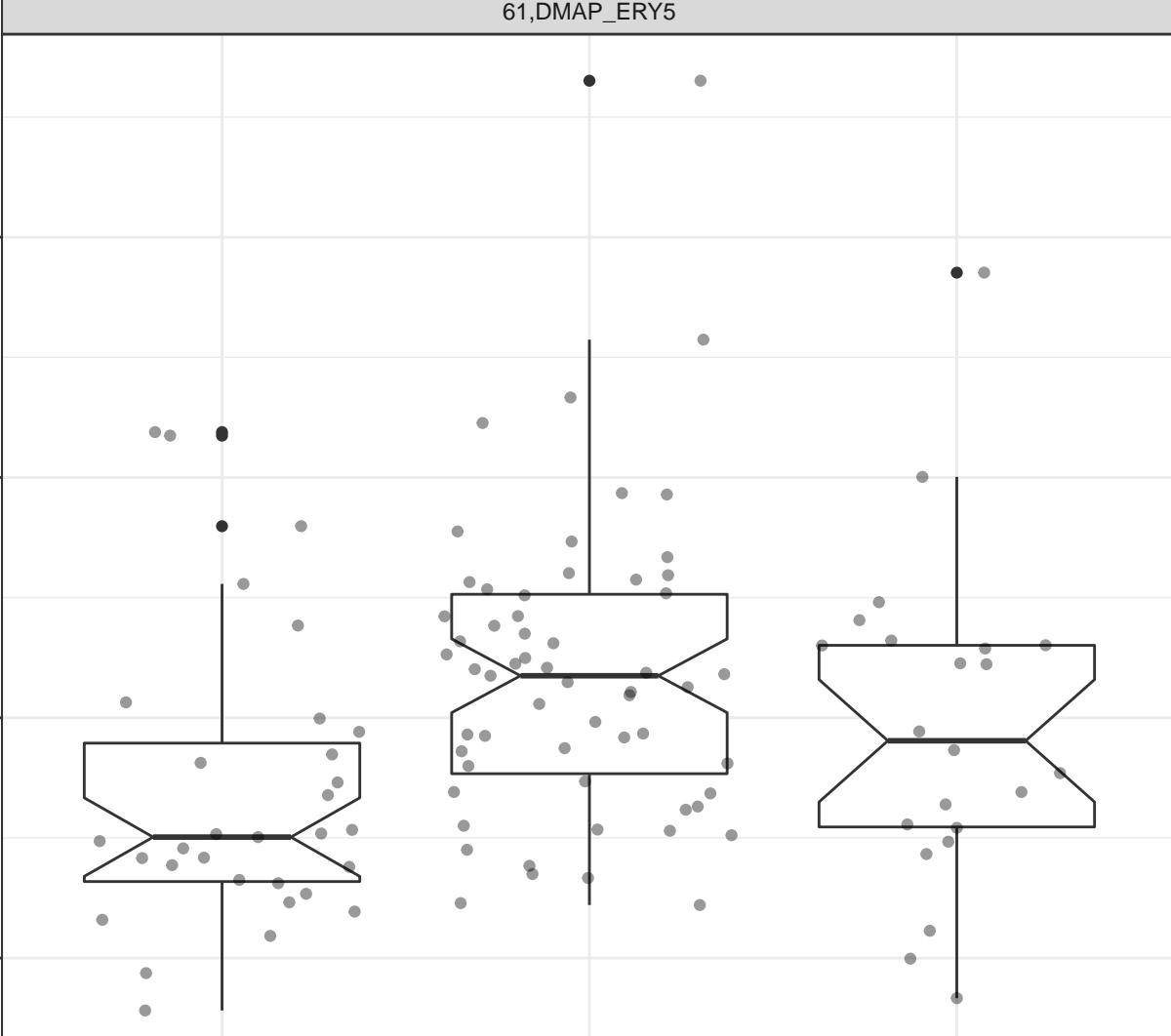
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

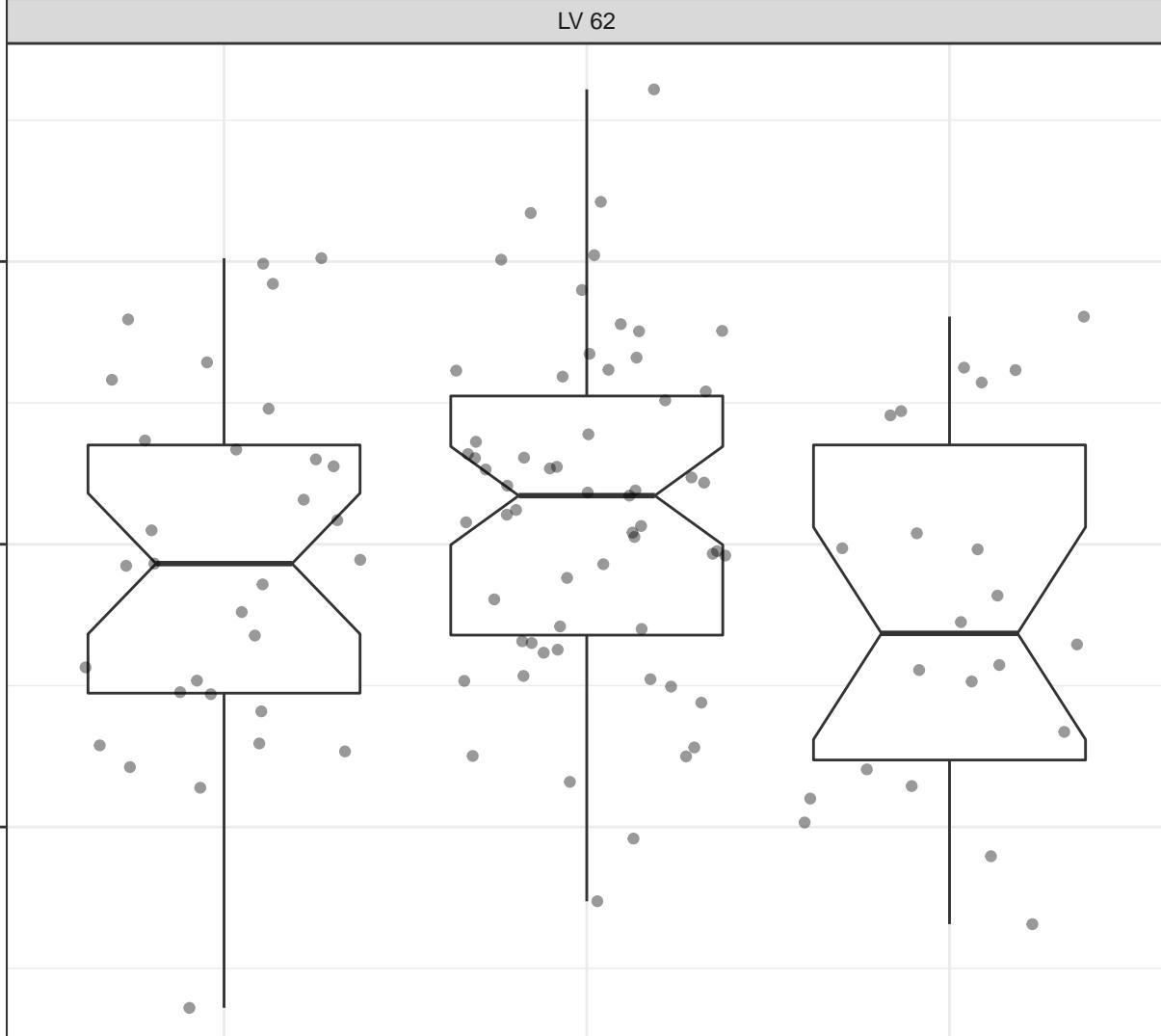
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 63

Value

0.2

0.1

0.0

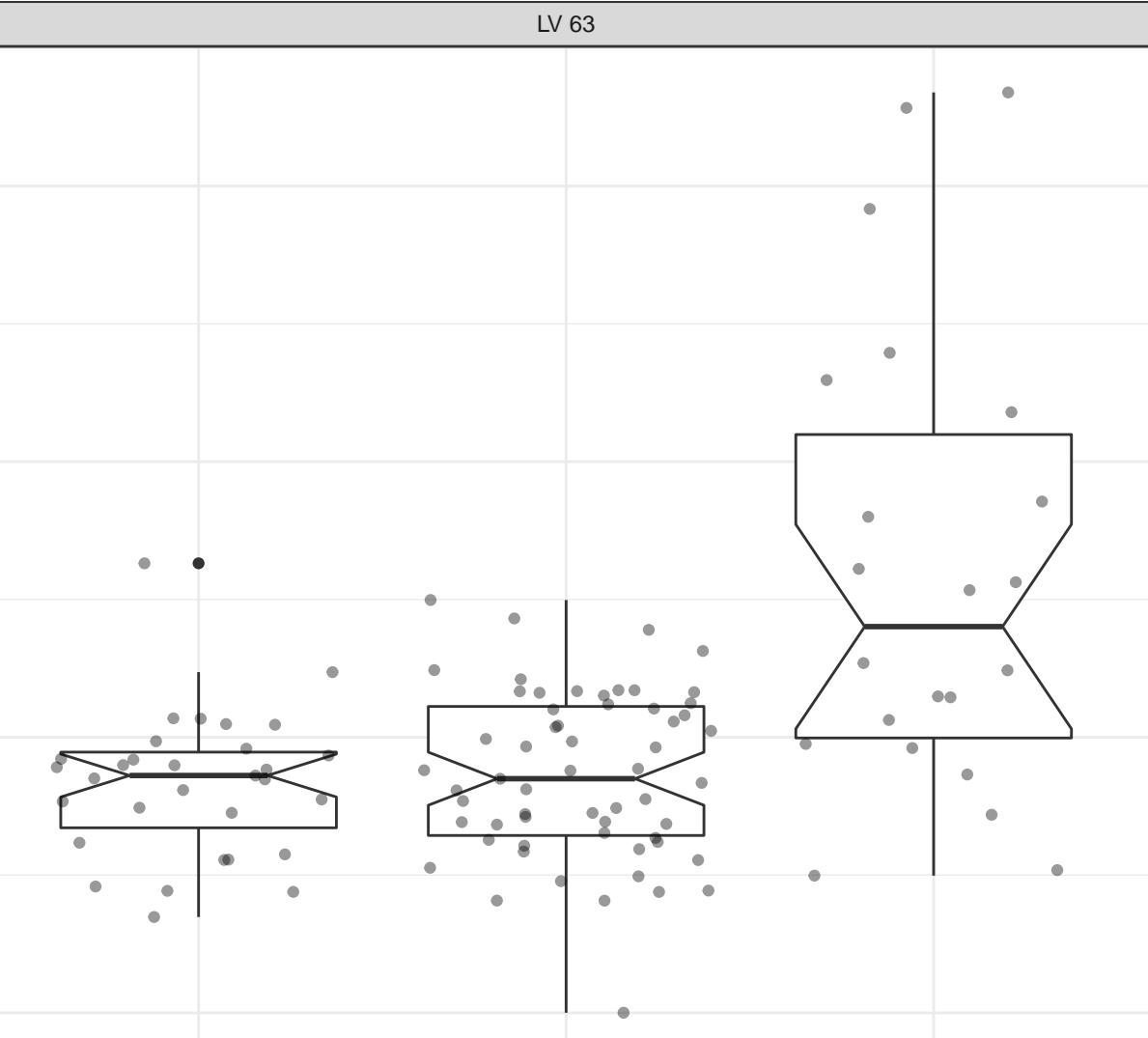
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 64

Value

0.10

0.05

0.00

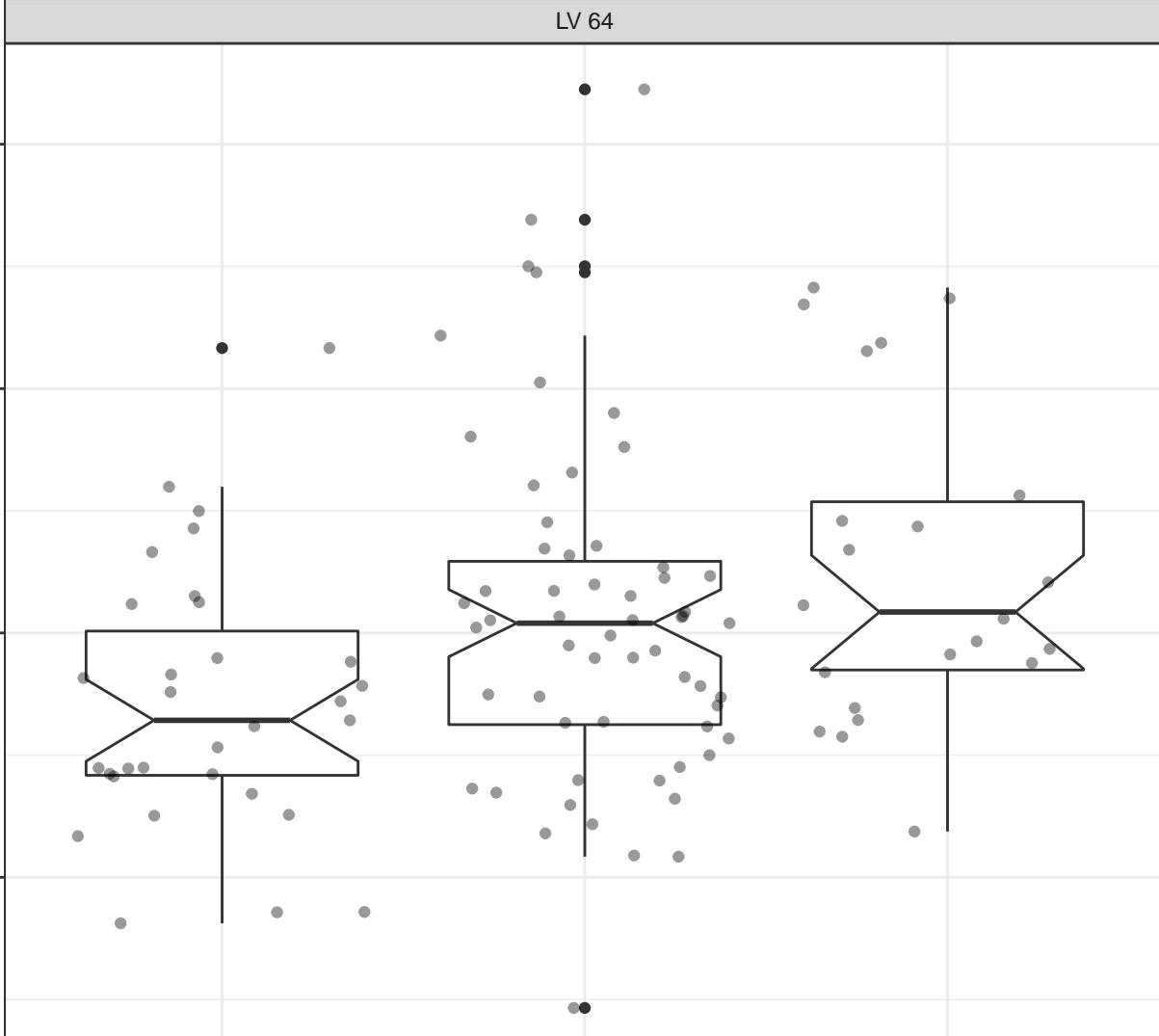
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 65

Value

0.05

0.00

-0.05

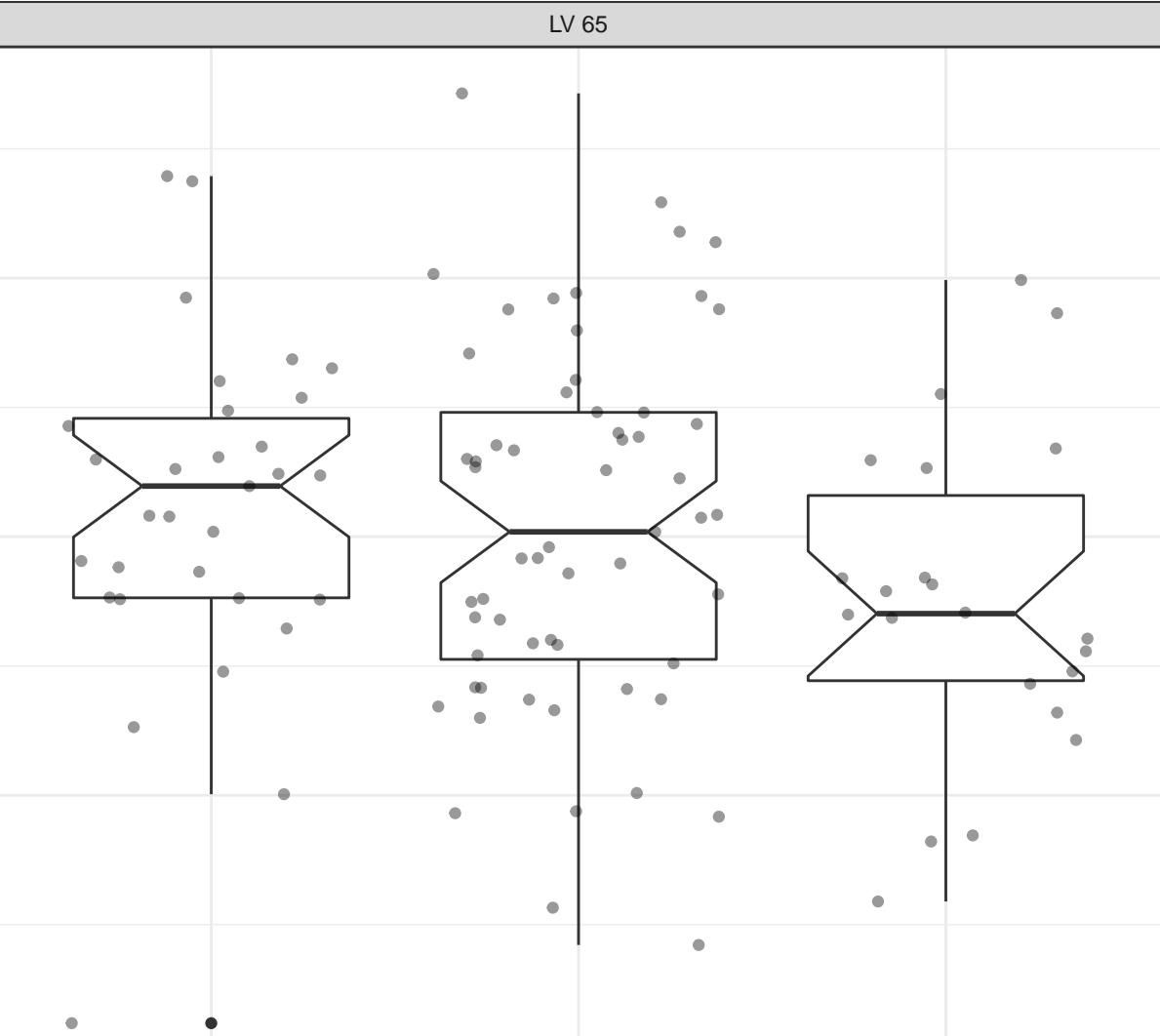
-0.10

Living donor control

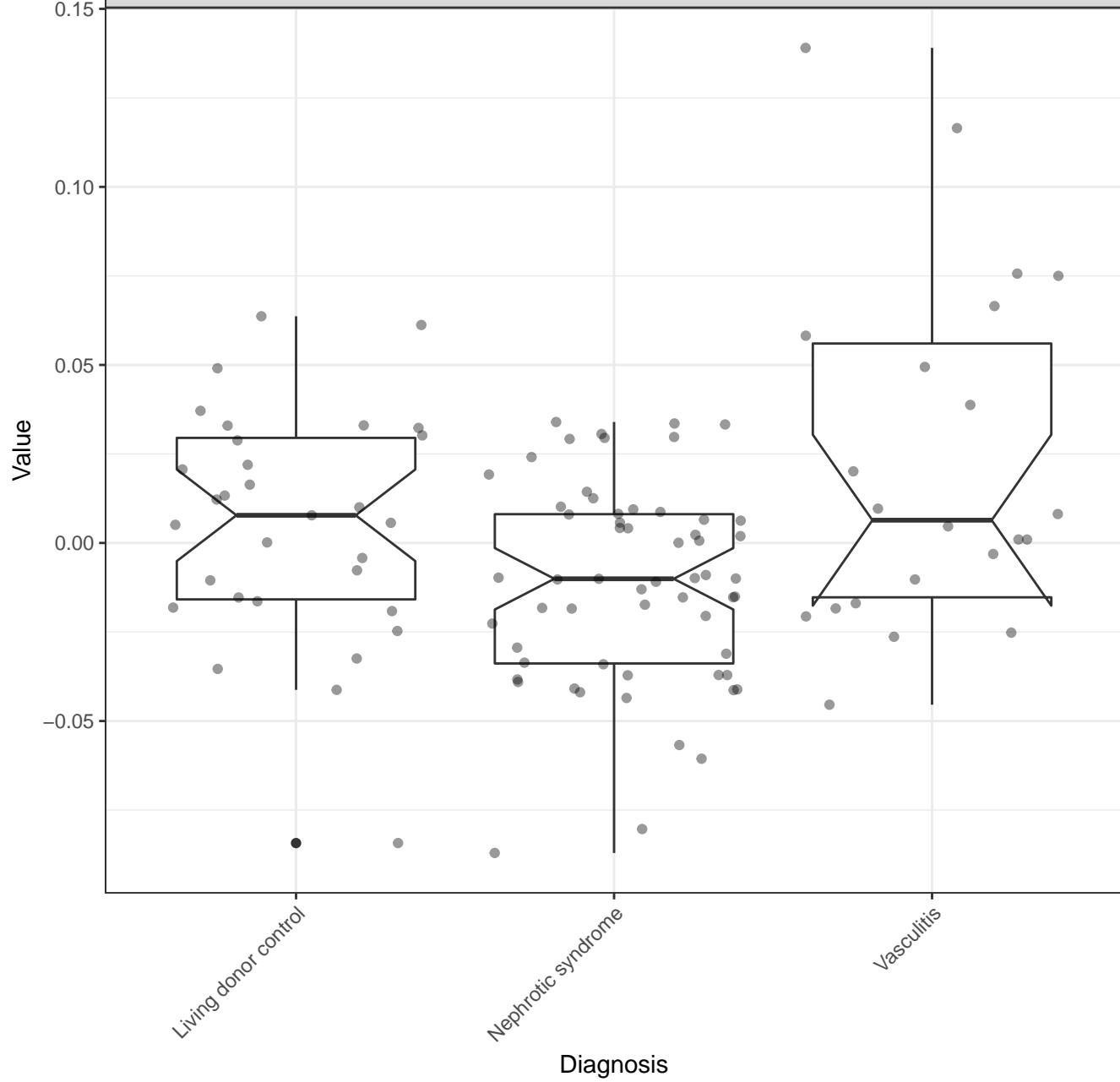
Nephrotic syndrome

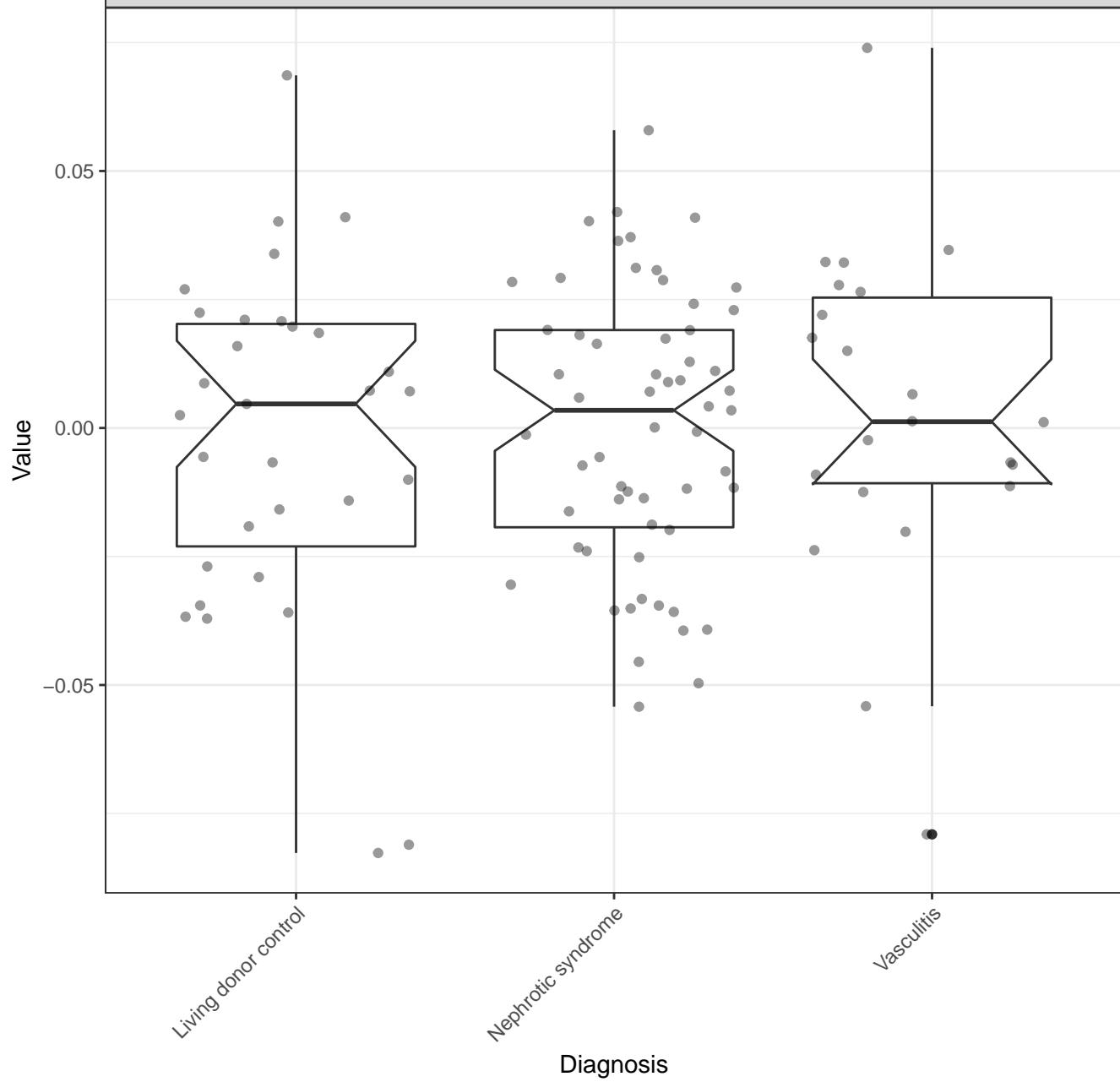
Vasculitis

Diagnosis



## 66,REACTOME\_METABOLISM\_OF\_LIPIDS\_AND\_LIPOPROTEINS





## 68,DMAP\_ERY2

Value

0.3

0.2

0.1

0.0

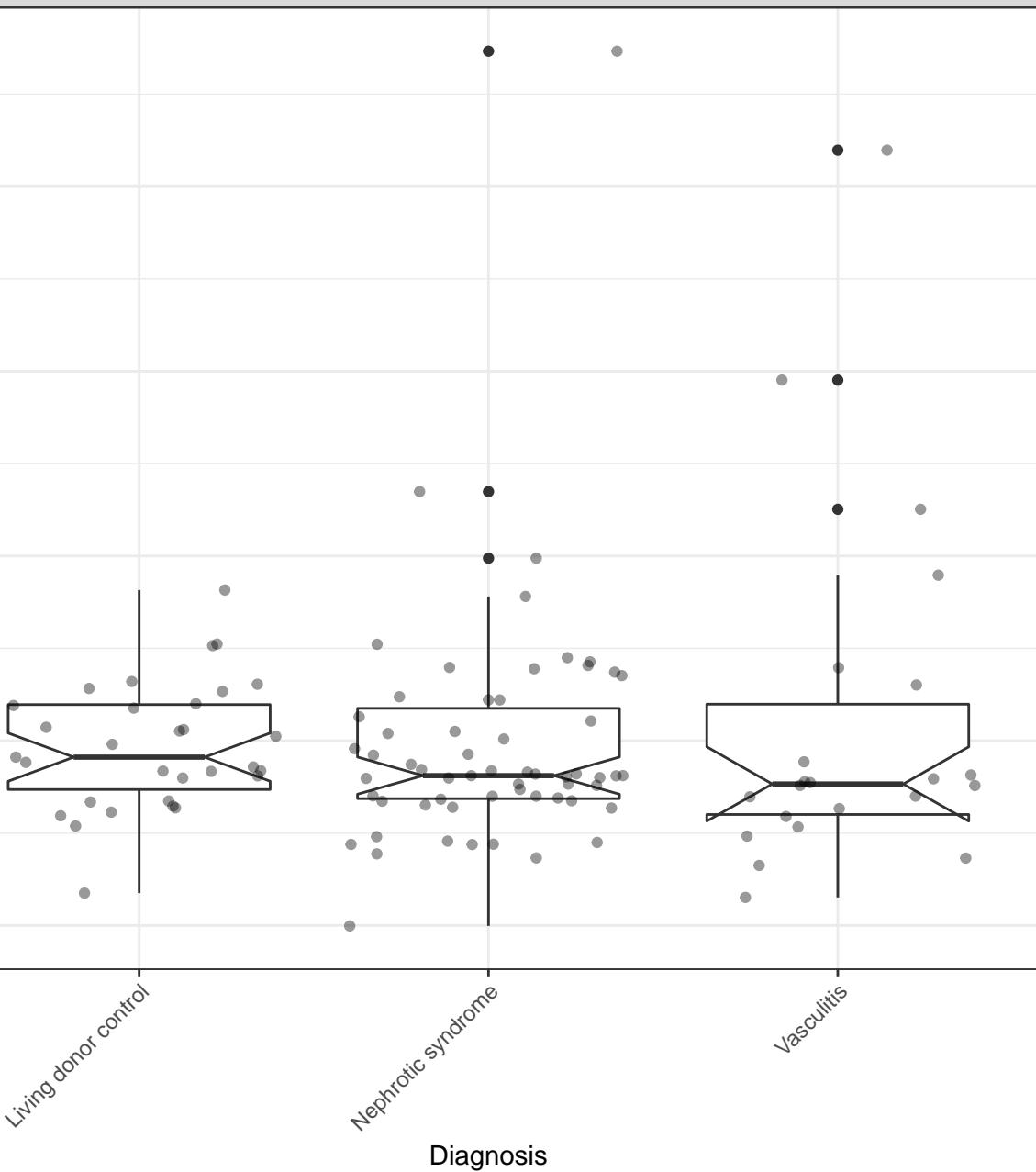
-0.1

Living donor control

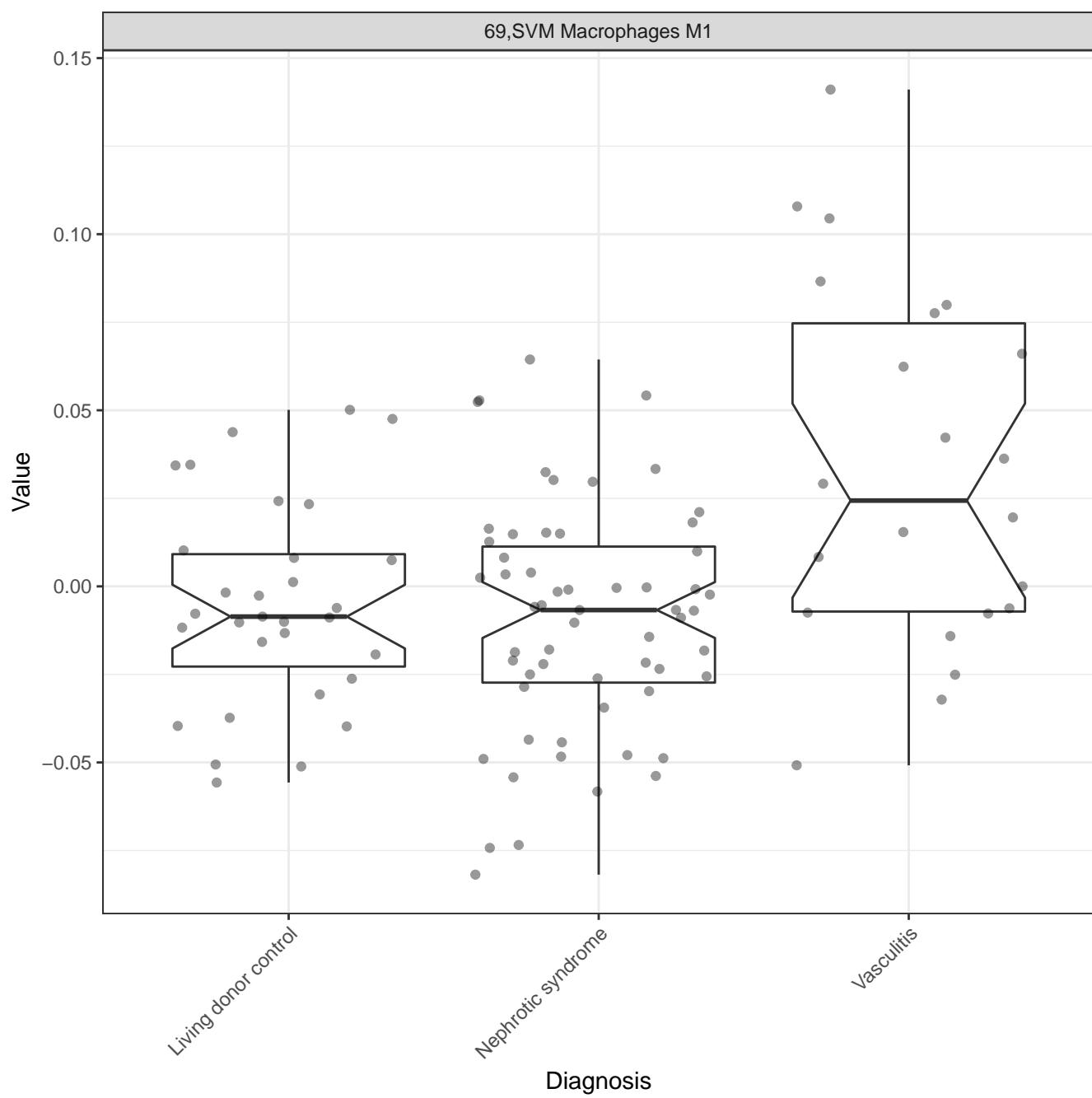
Nephrotic syndrome

Vasculitis

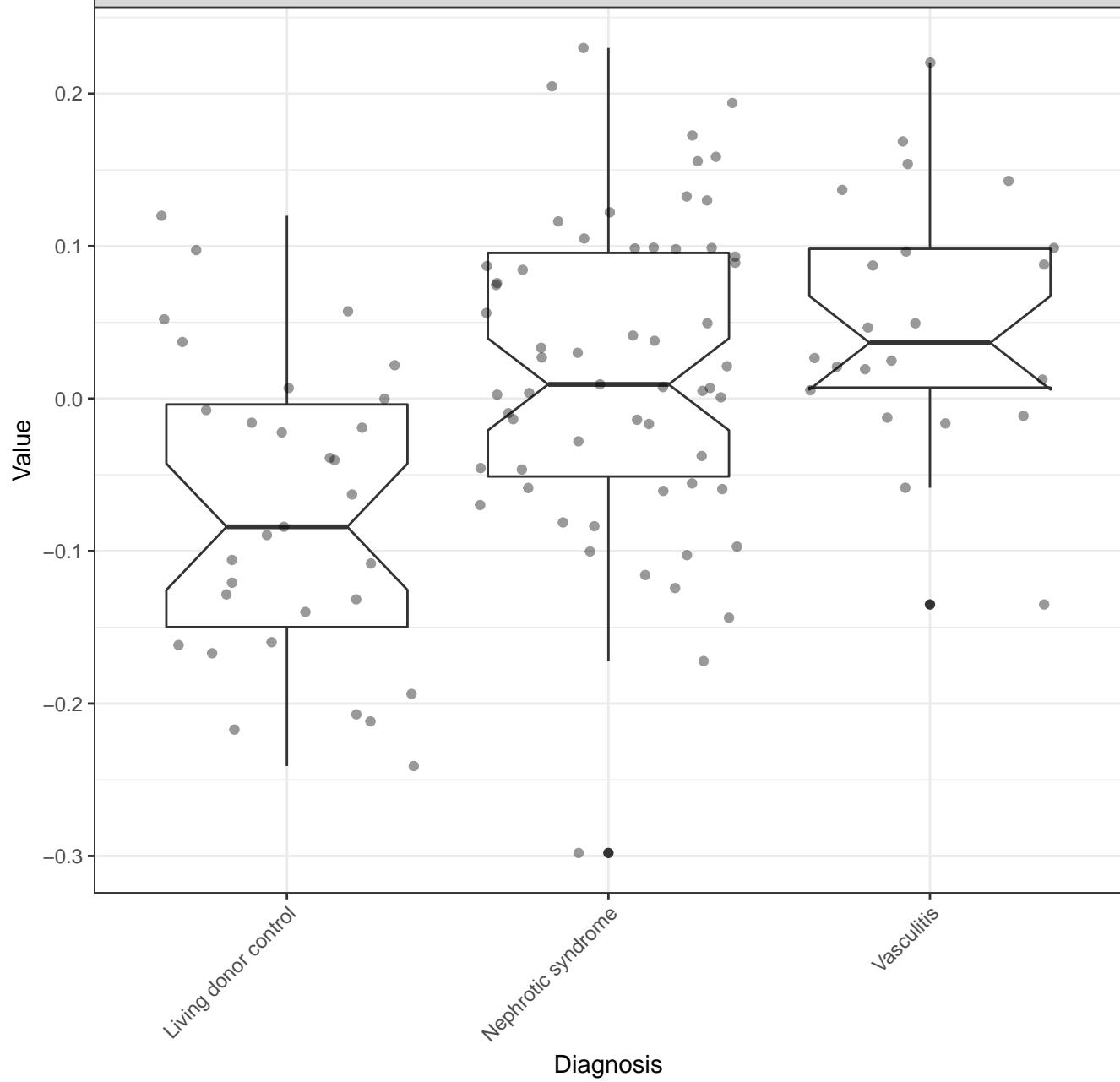
Diagnosis



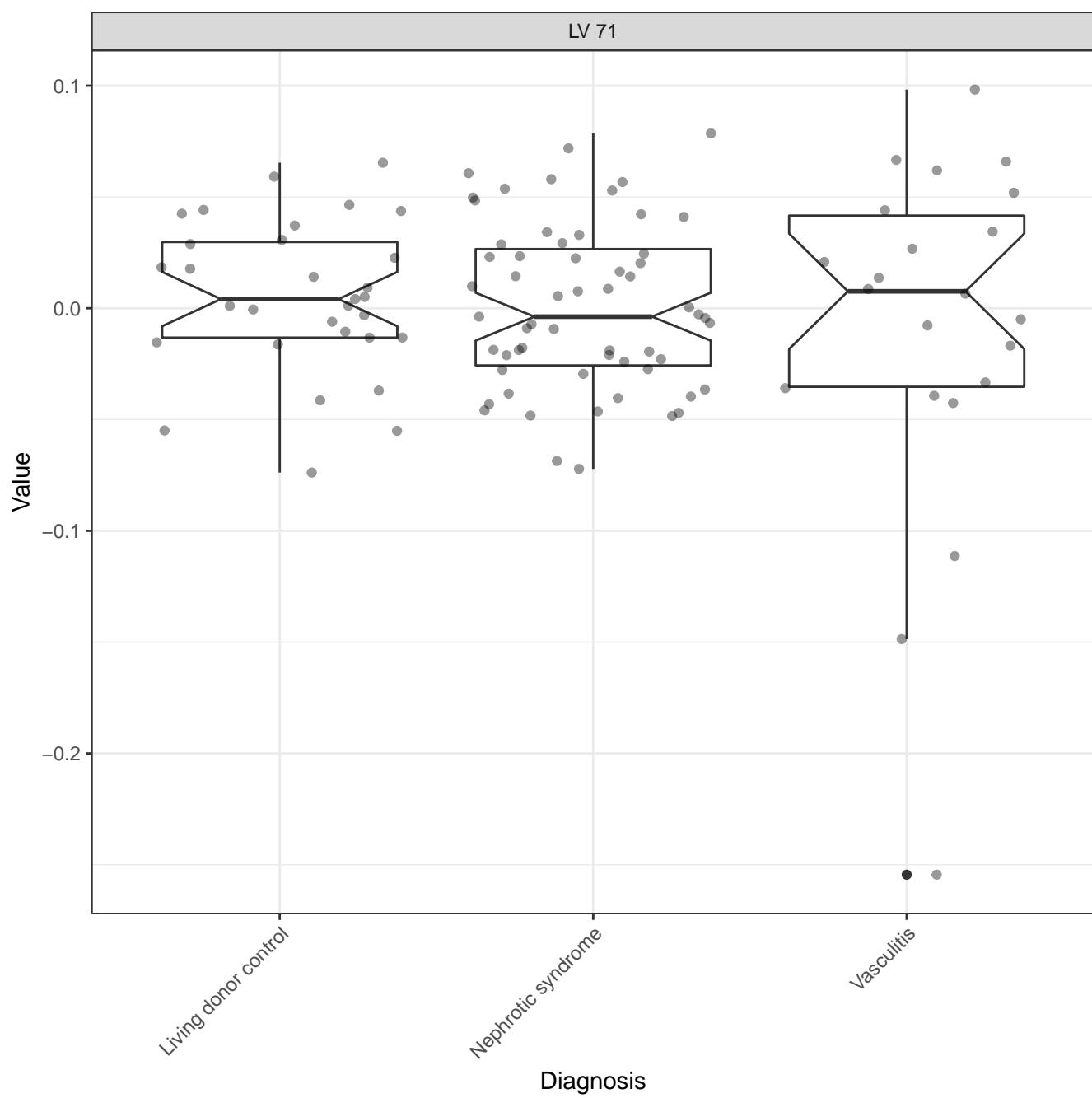
# 69,SVM Macrophages M1



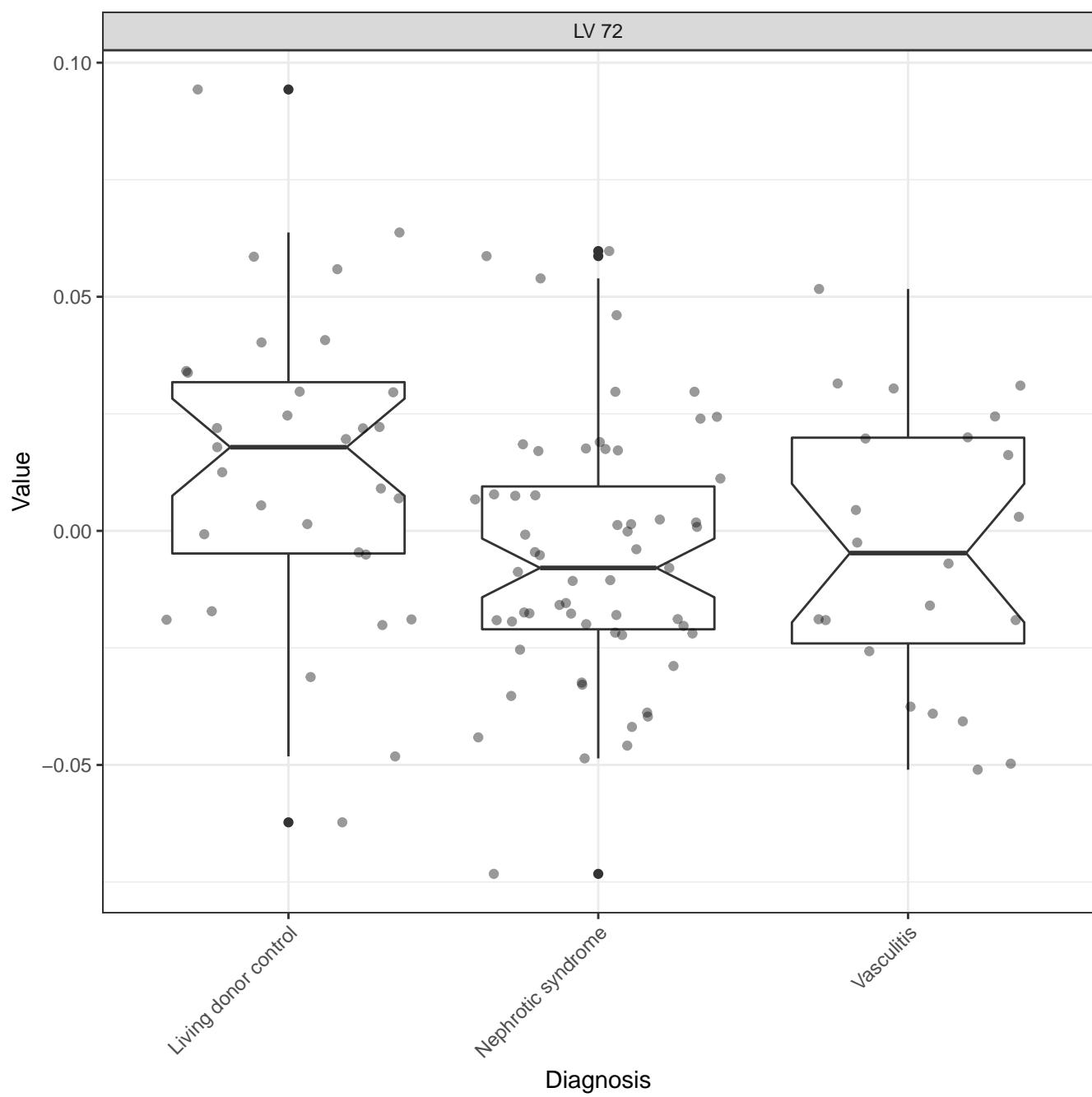
## 70,MIPS\_PA700\_20S\_PA28\_COMPLEX



LV 71



LV 72



Value

0.04

0.01

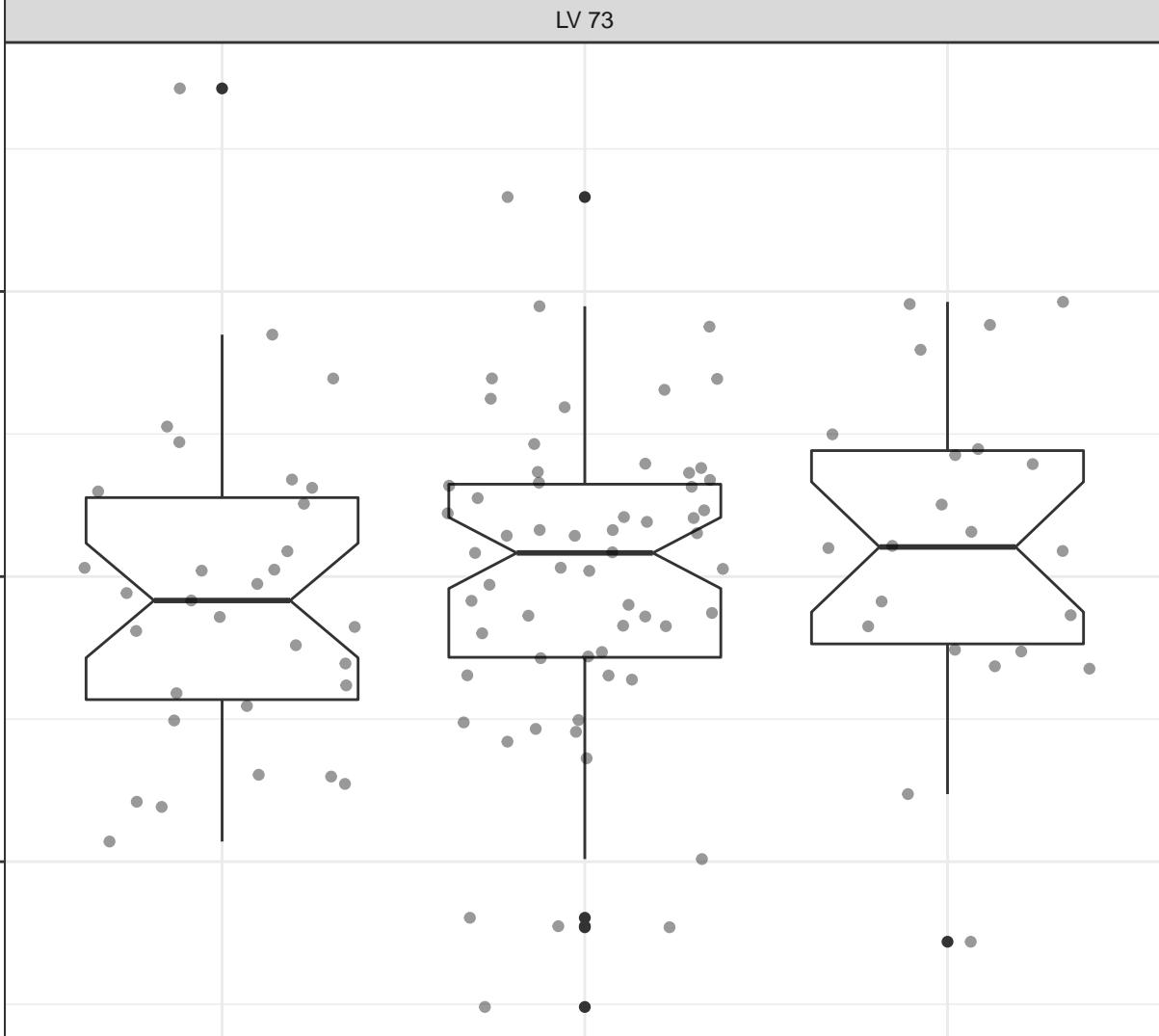
-0.04

Living donor control

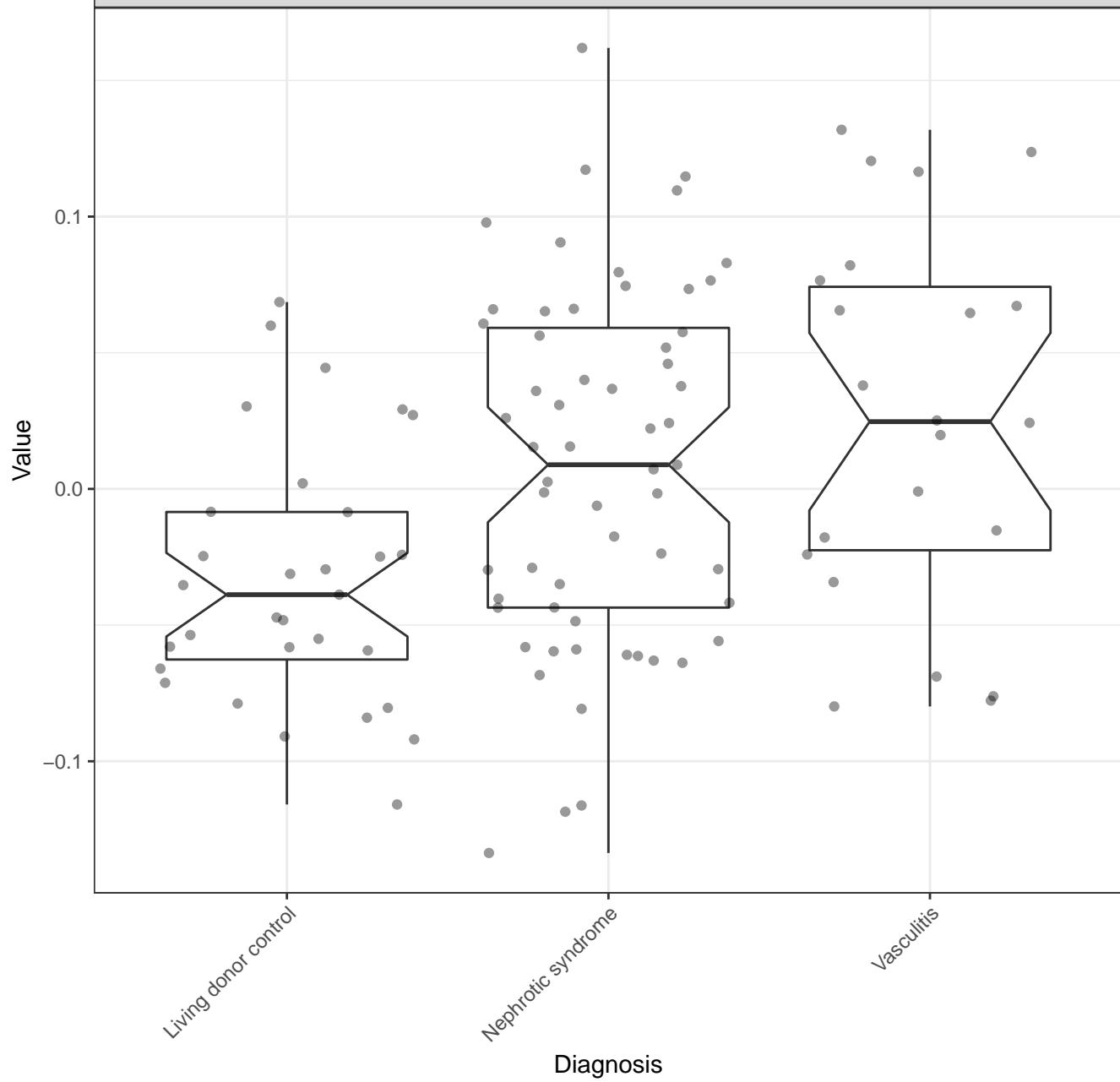
Nephrotic syndrome

Vasculitis

Diagnosis



## 74,REACTOME\_UNFOLDED\_PROTEIN\_RESPONSE



Value

0.05

0.00

-0.05

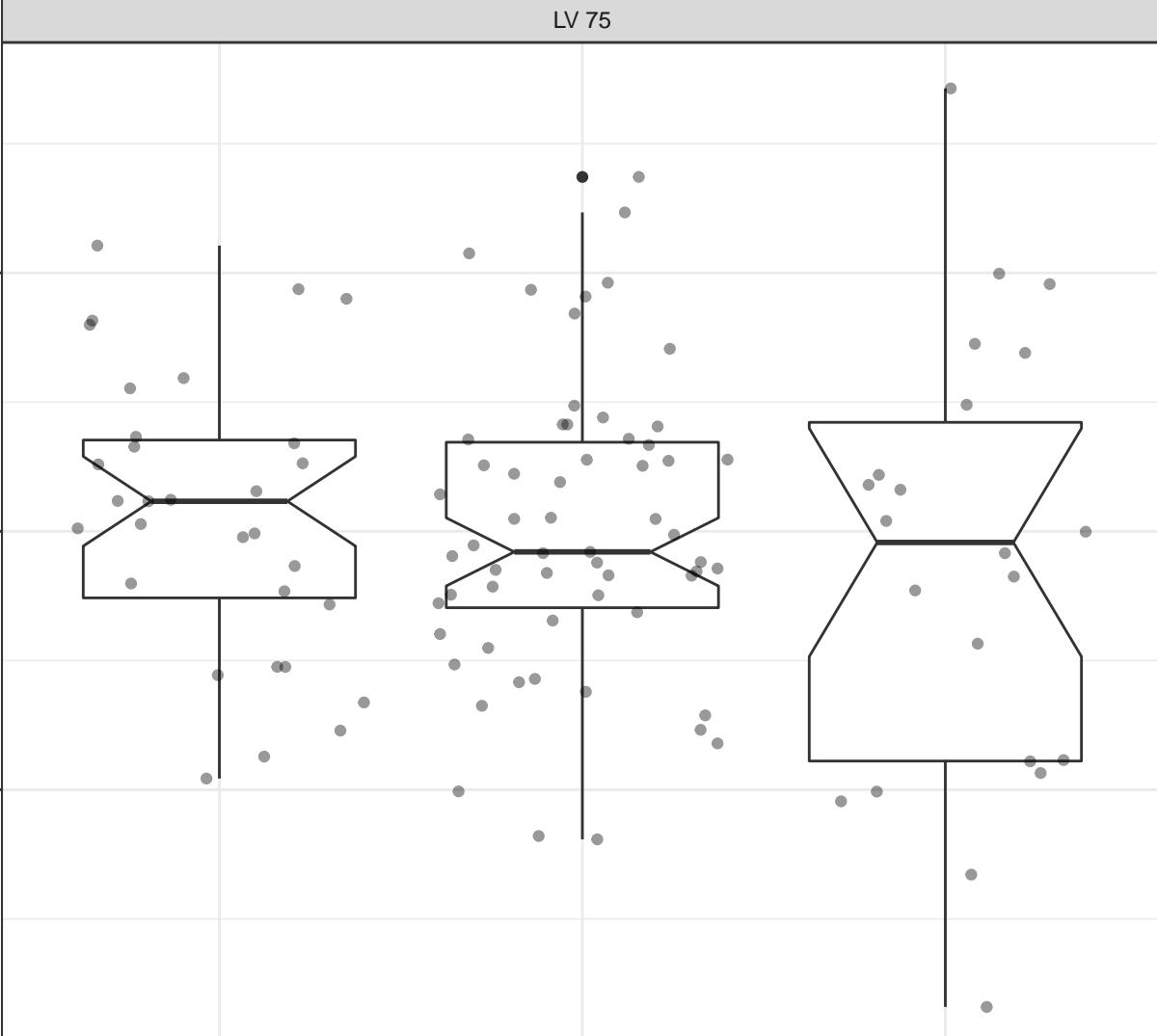
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.06

0.03

0.00

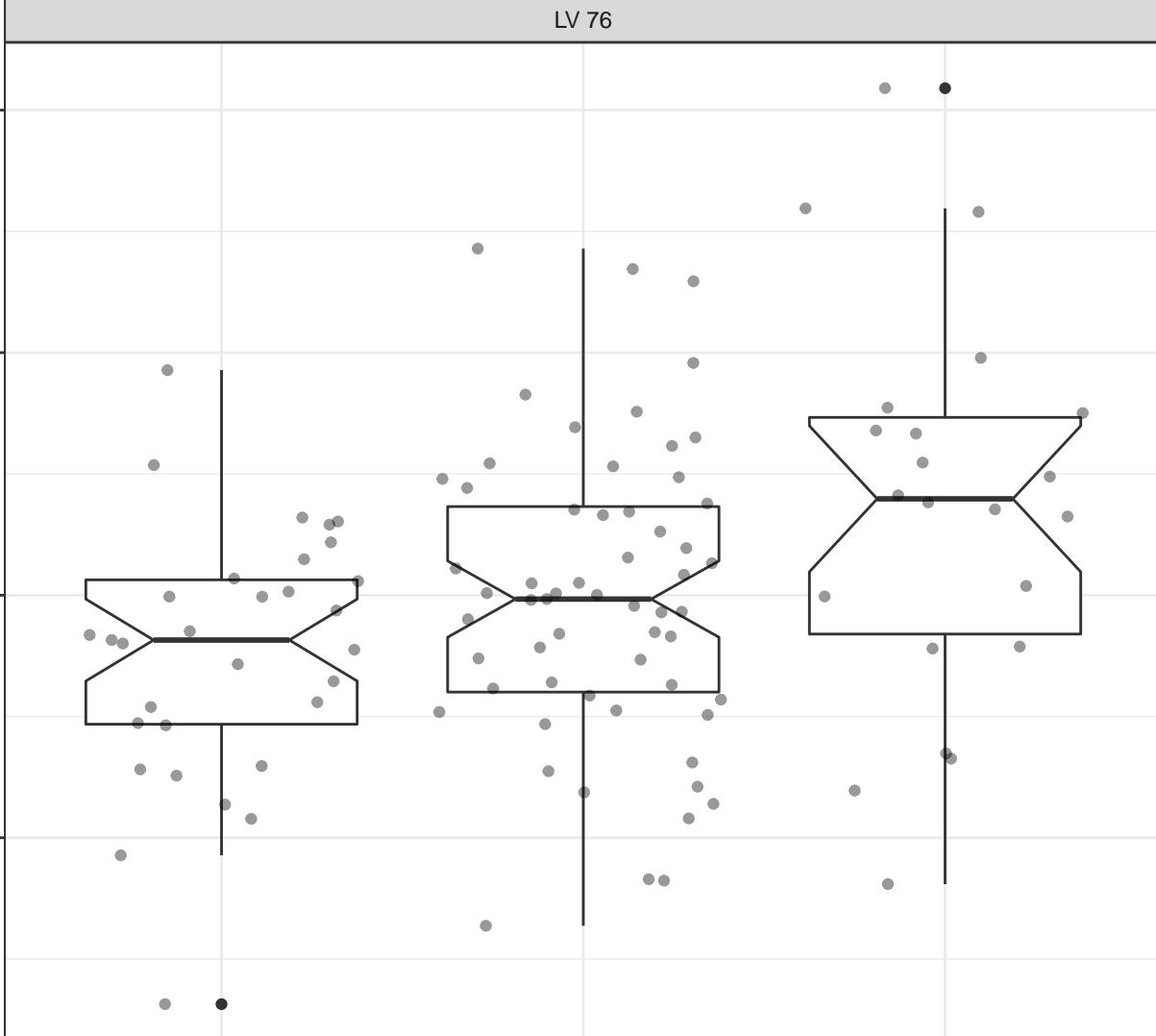
-0.03

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.01

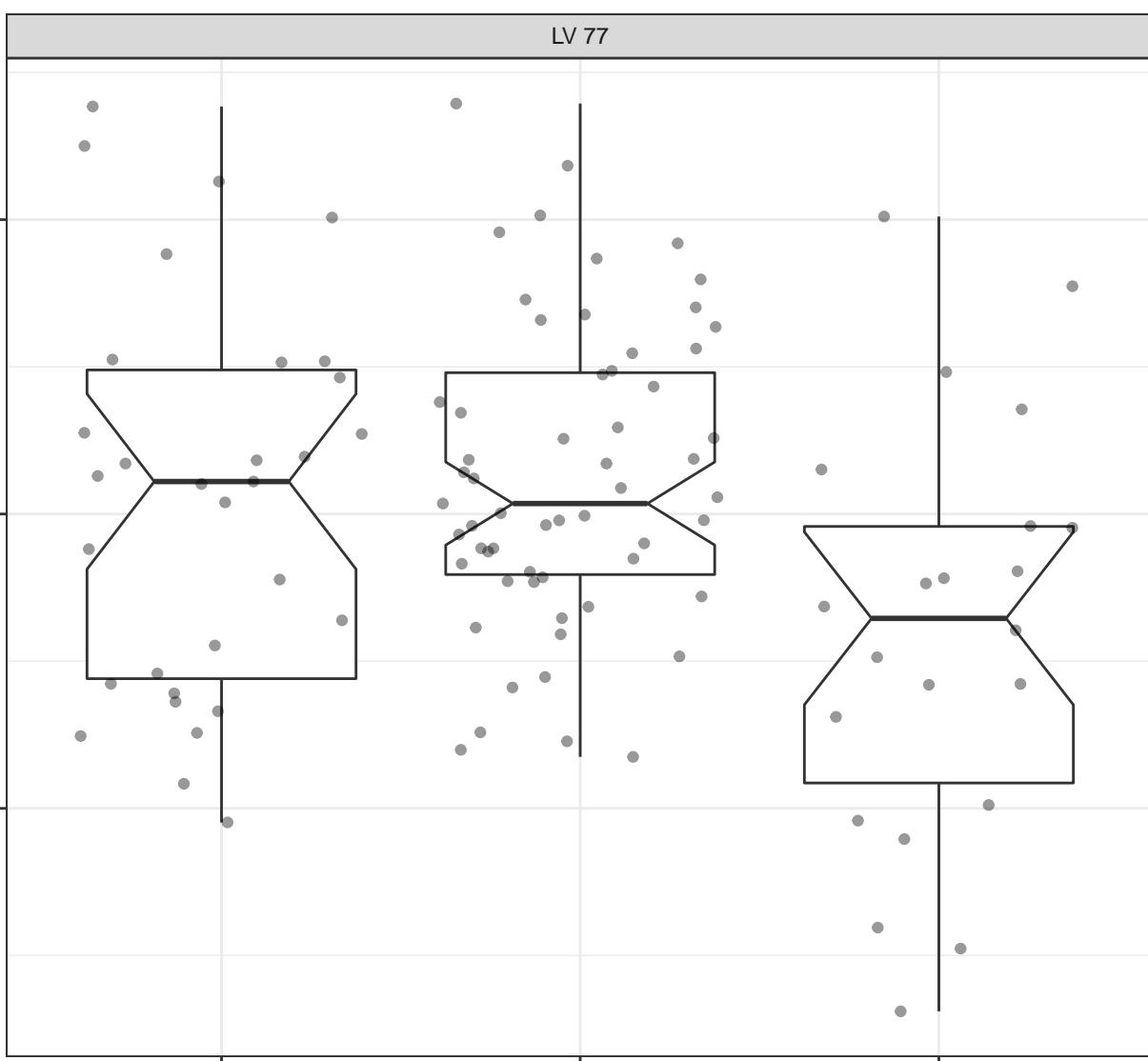
-0.04

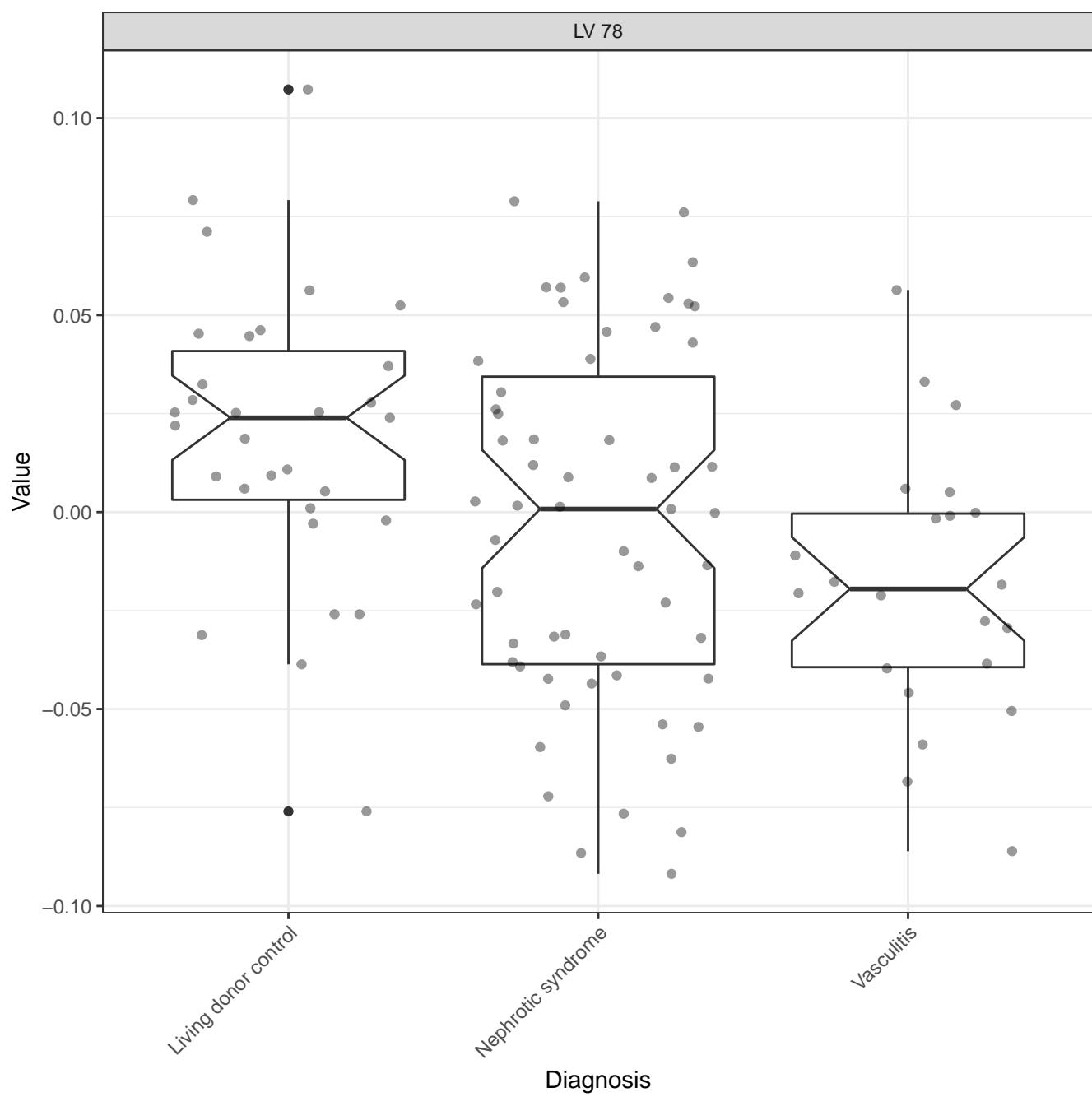
Living donor control

Nephrotic syndrome

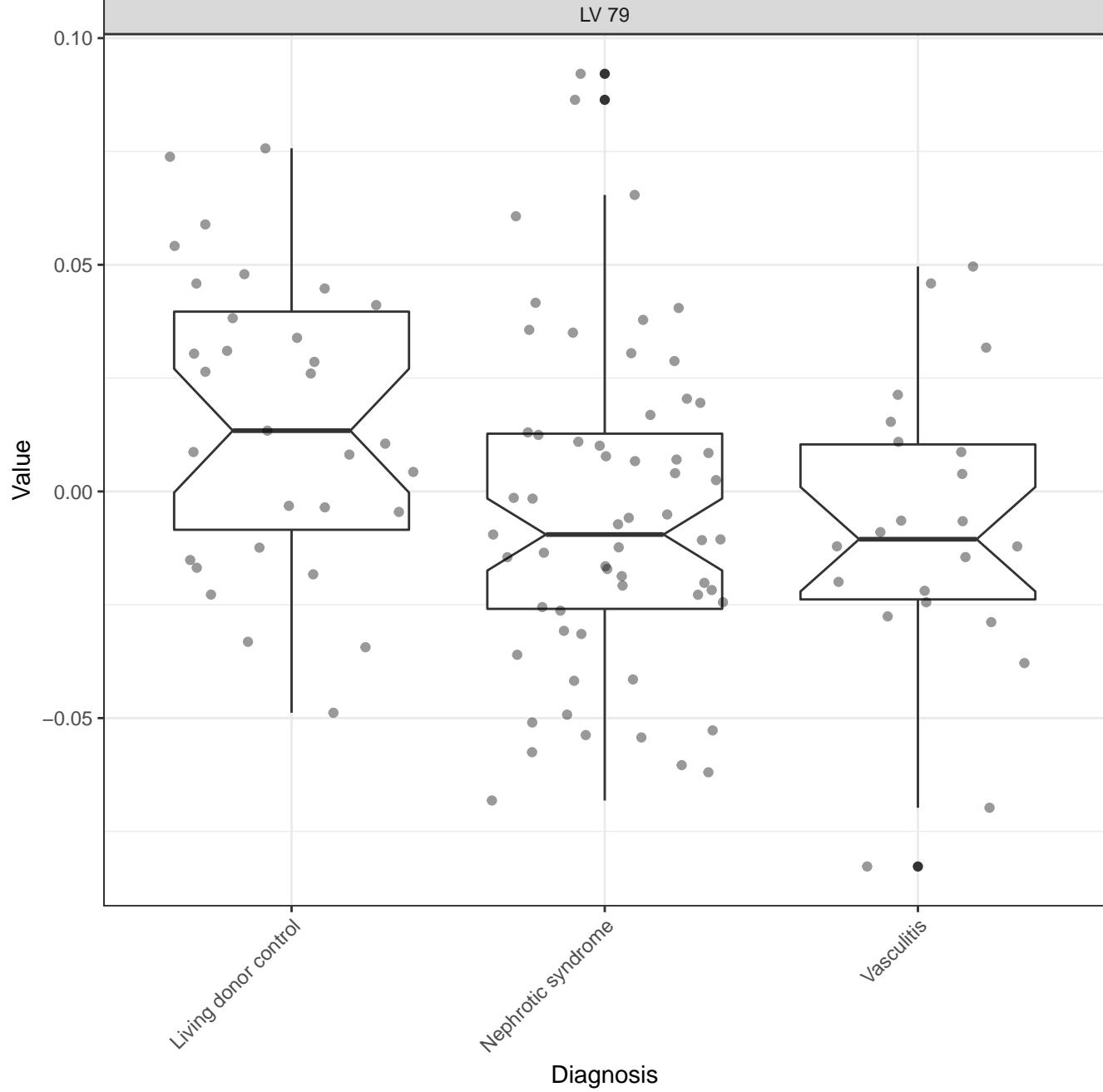
Vasculitis

Diagnosis

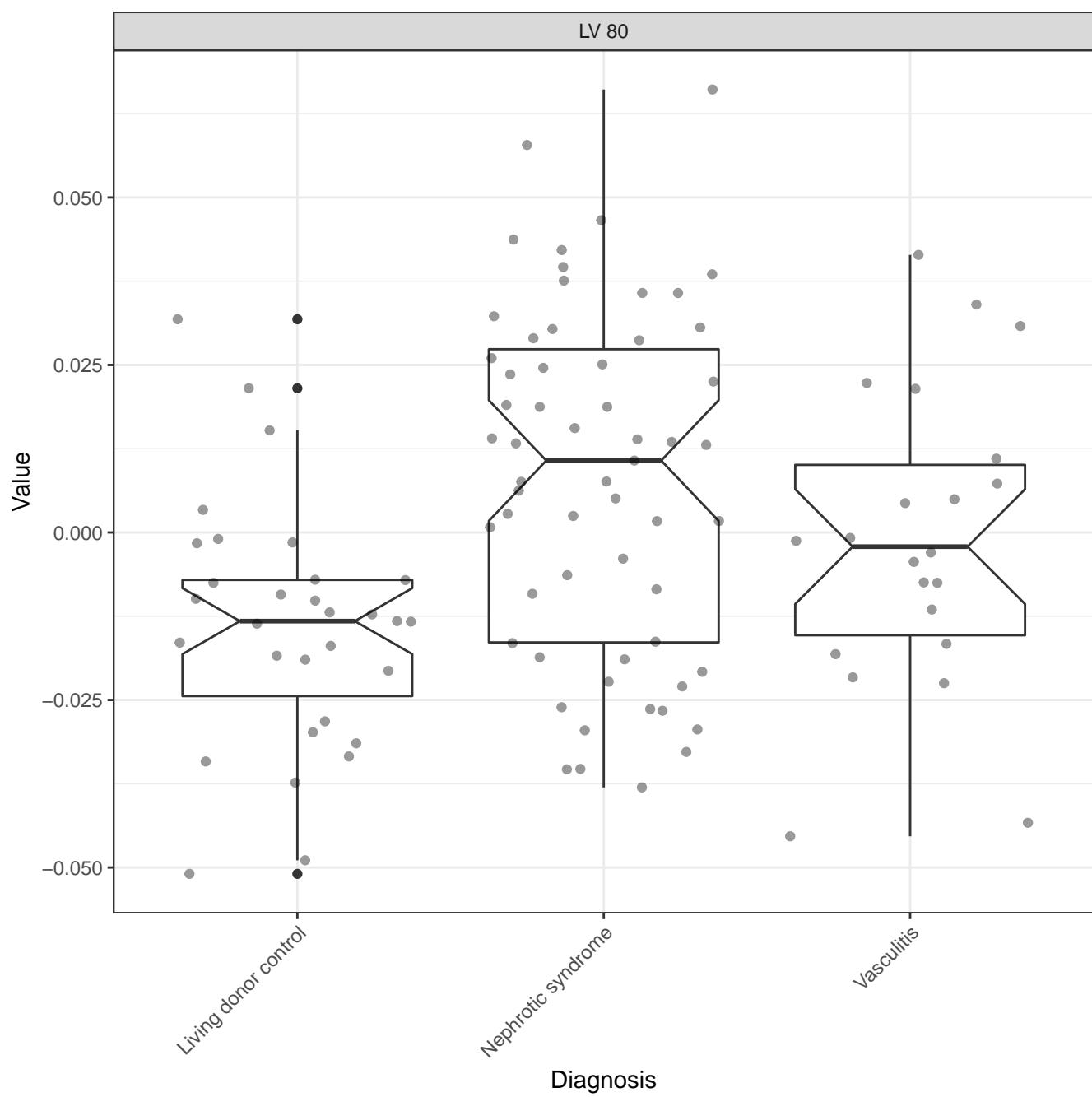




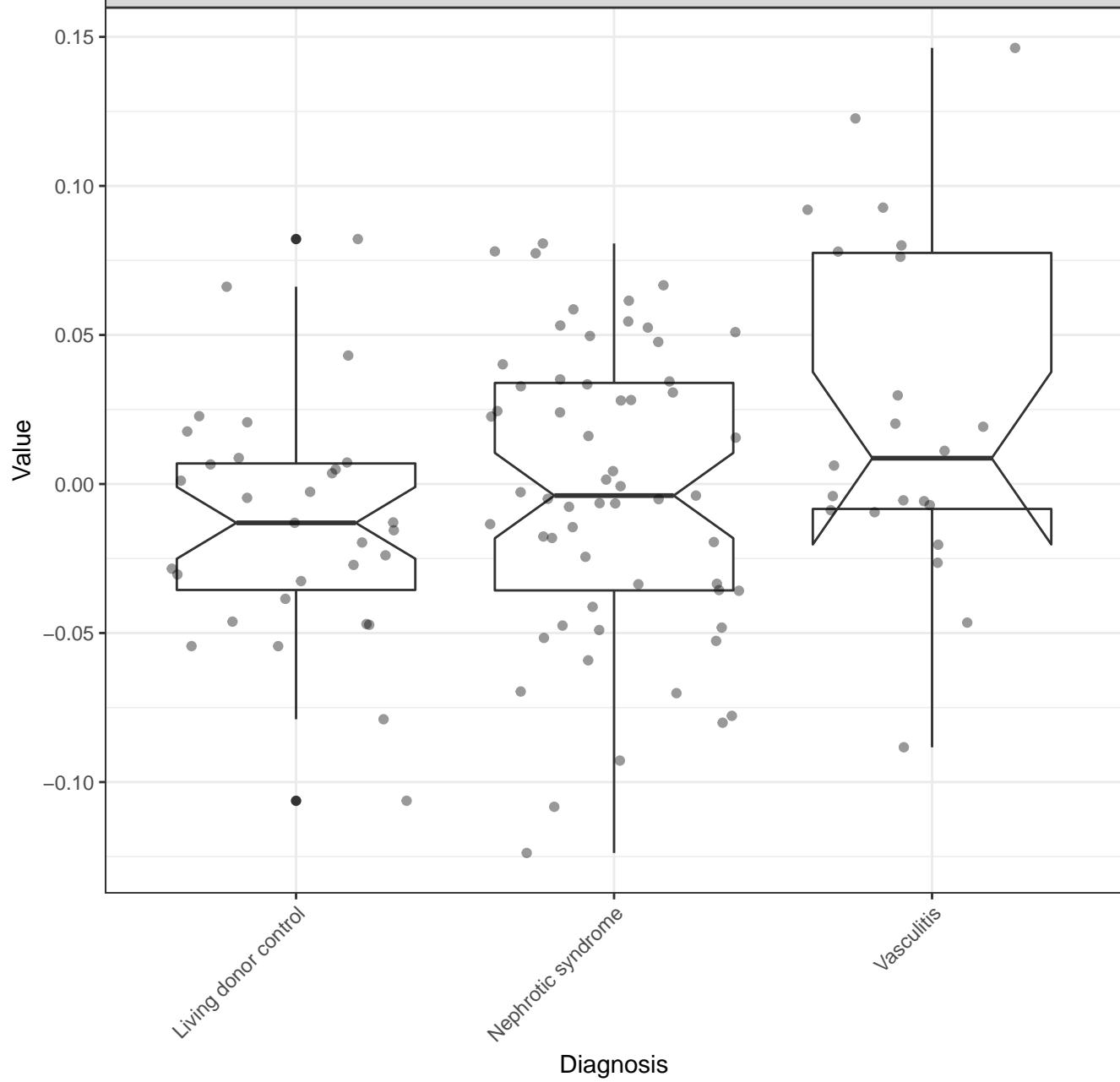
LV 79



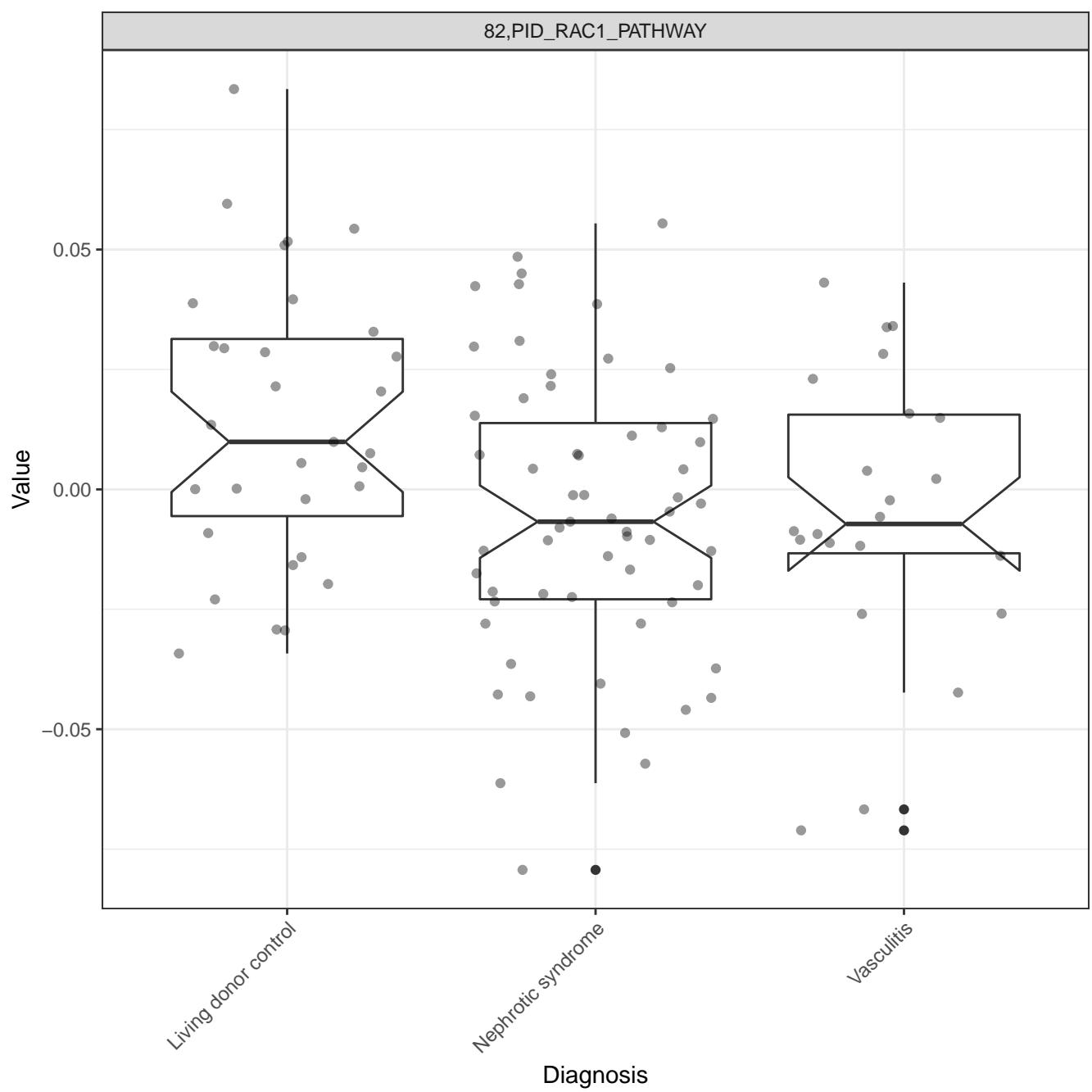
## LV 80



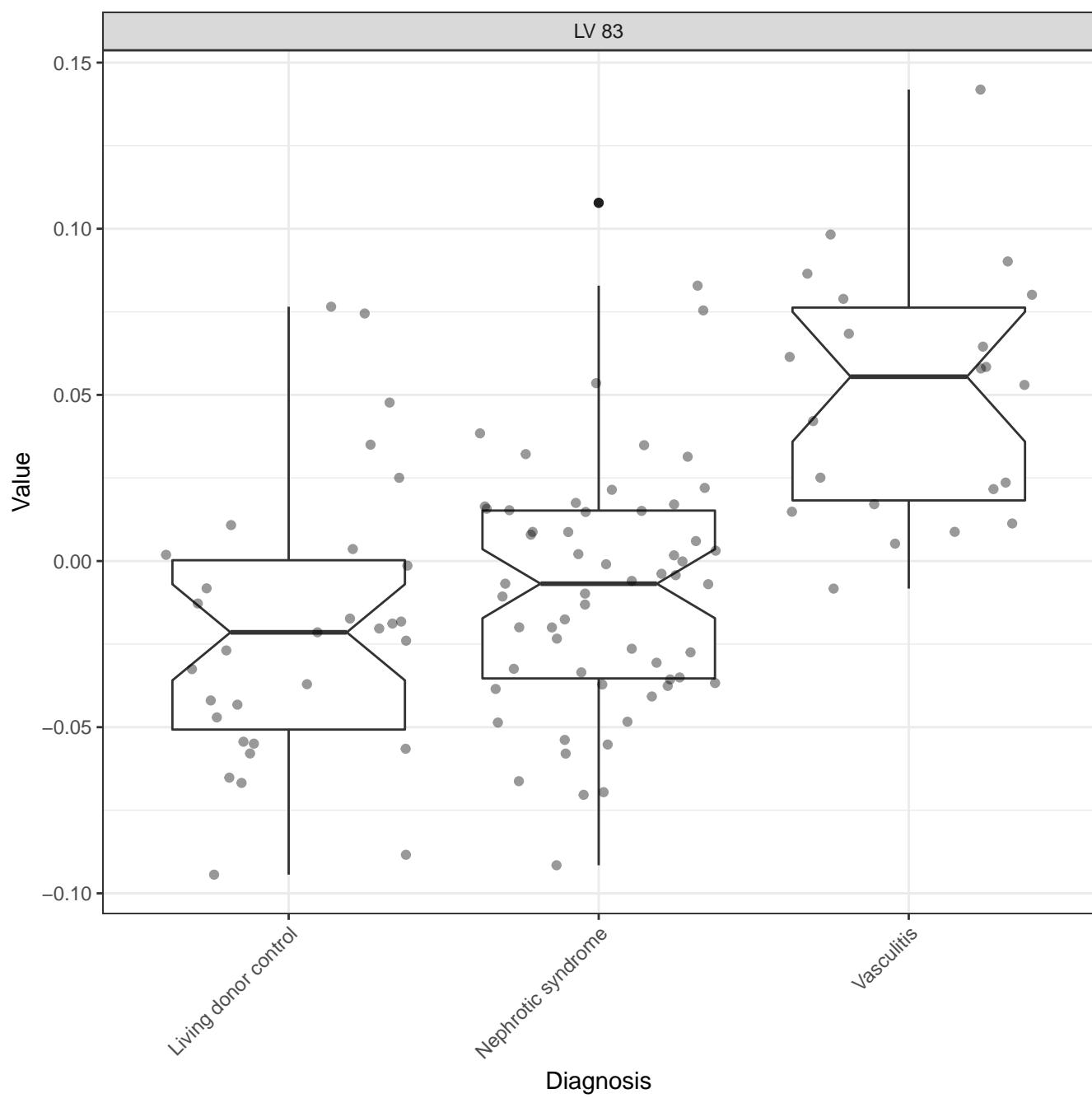
## 81,PID\_INTEGRIN1\_PATHWAY



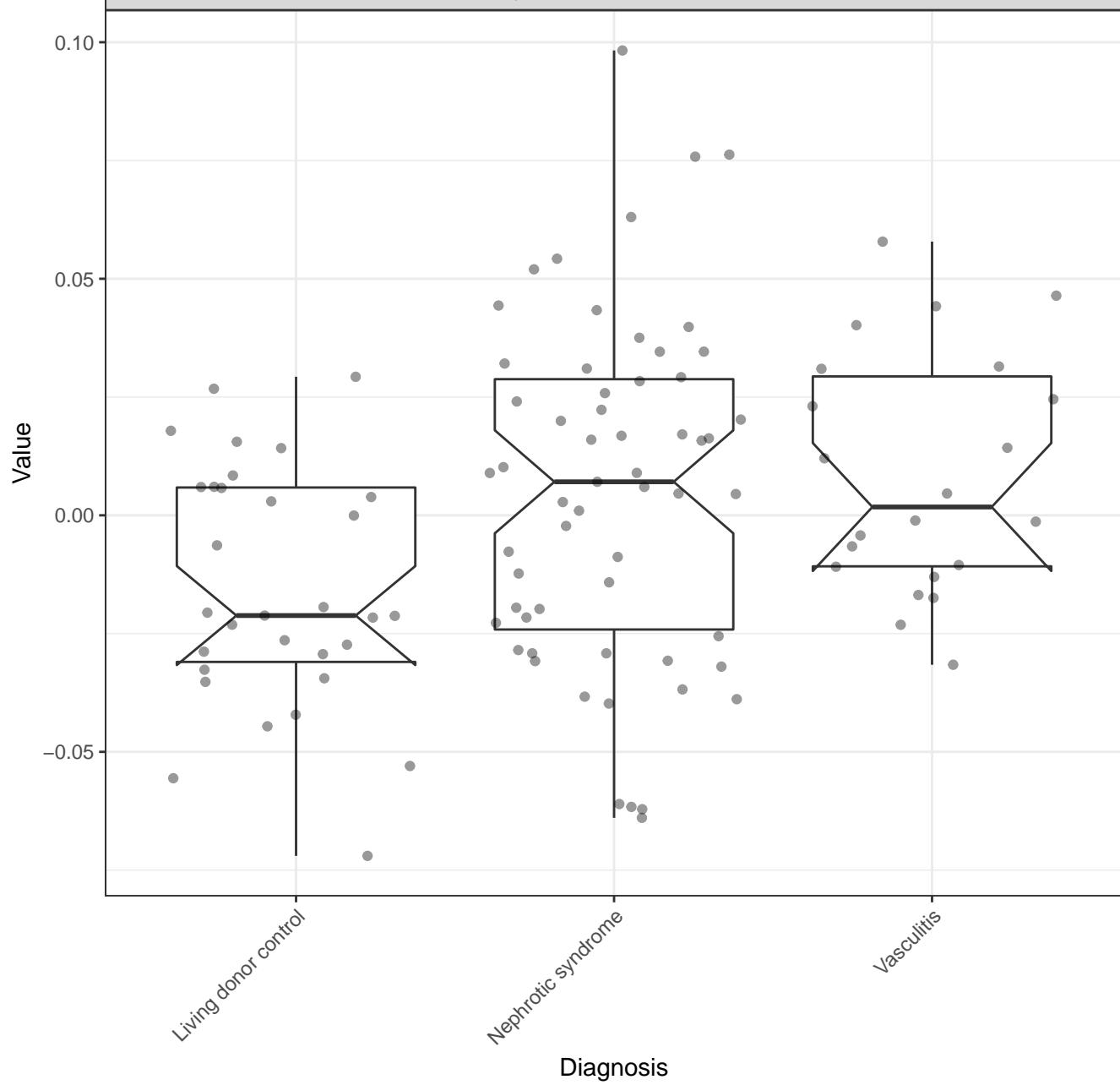
## 82,PID\_RAC1\_PATHWAY



LV 83



## 84,KEGG\_SPLICEOSOME



Value

0.02

0.00

-0.02

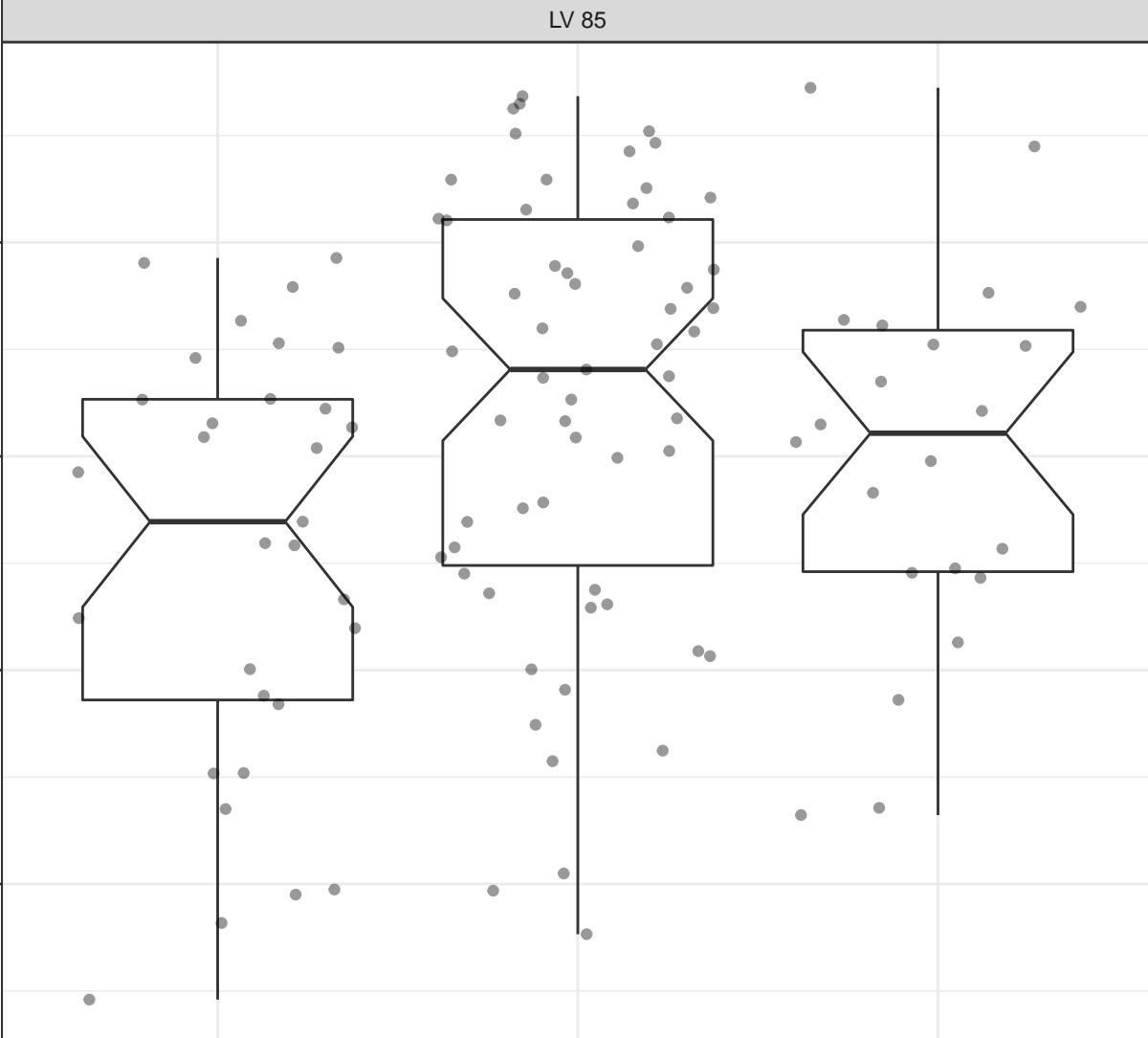
-0.04

Living donor control

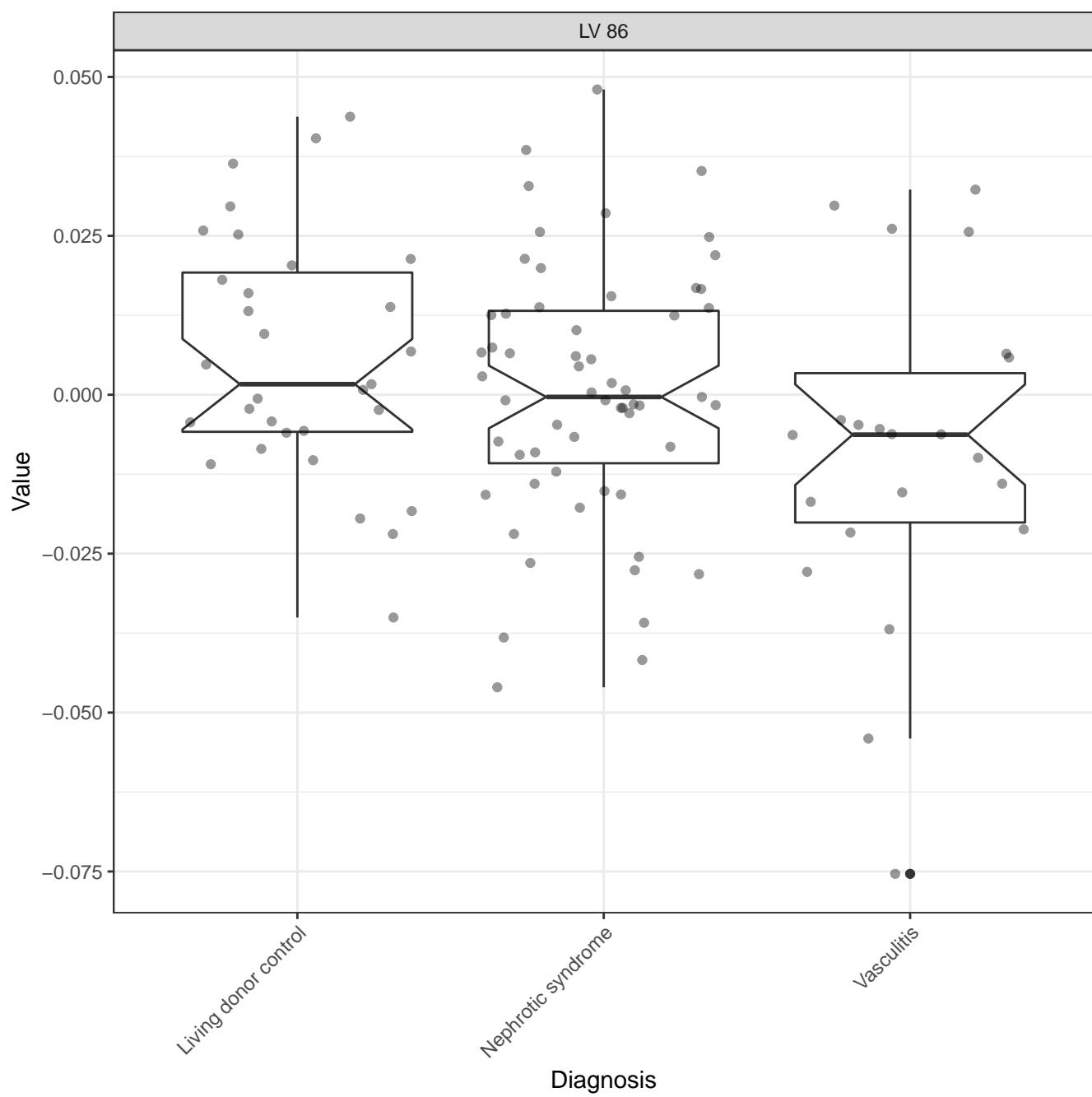
Nephrotic syndrome

Vasculitis

Diagnosis



## LV 86



Value

0.04

0.01

-0.04

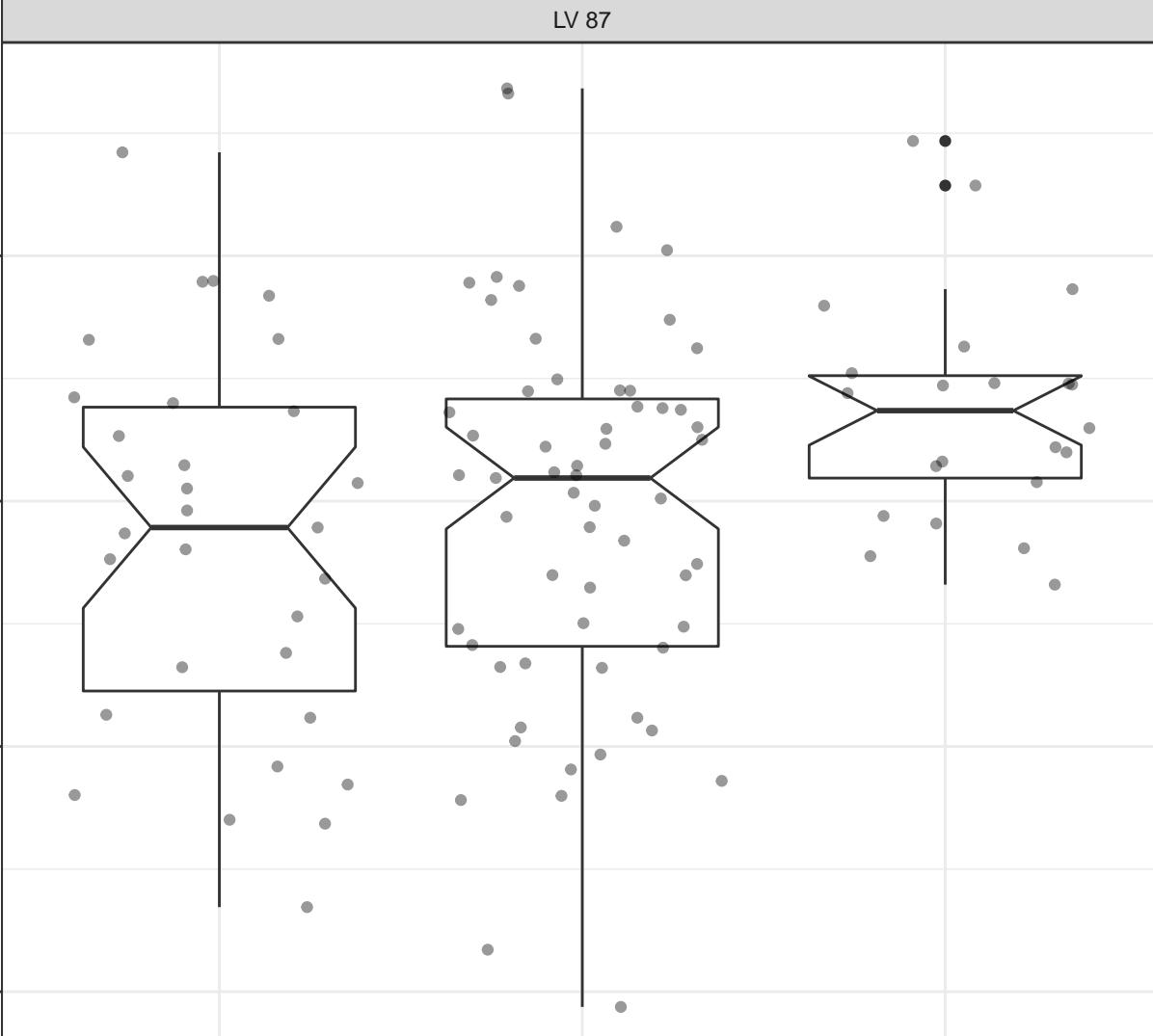
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 89

Value

0.04

0.00

-0.04

-0.08

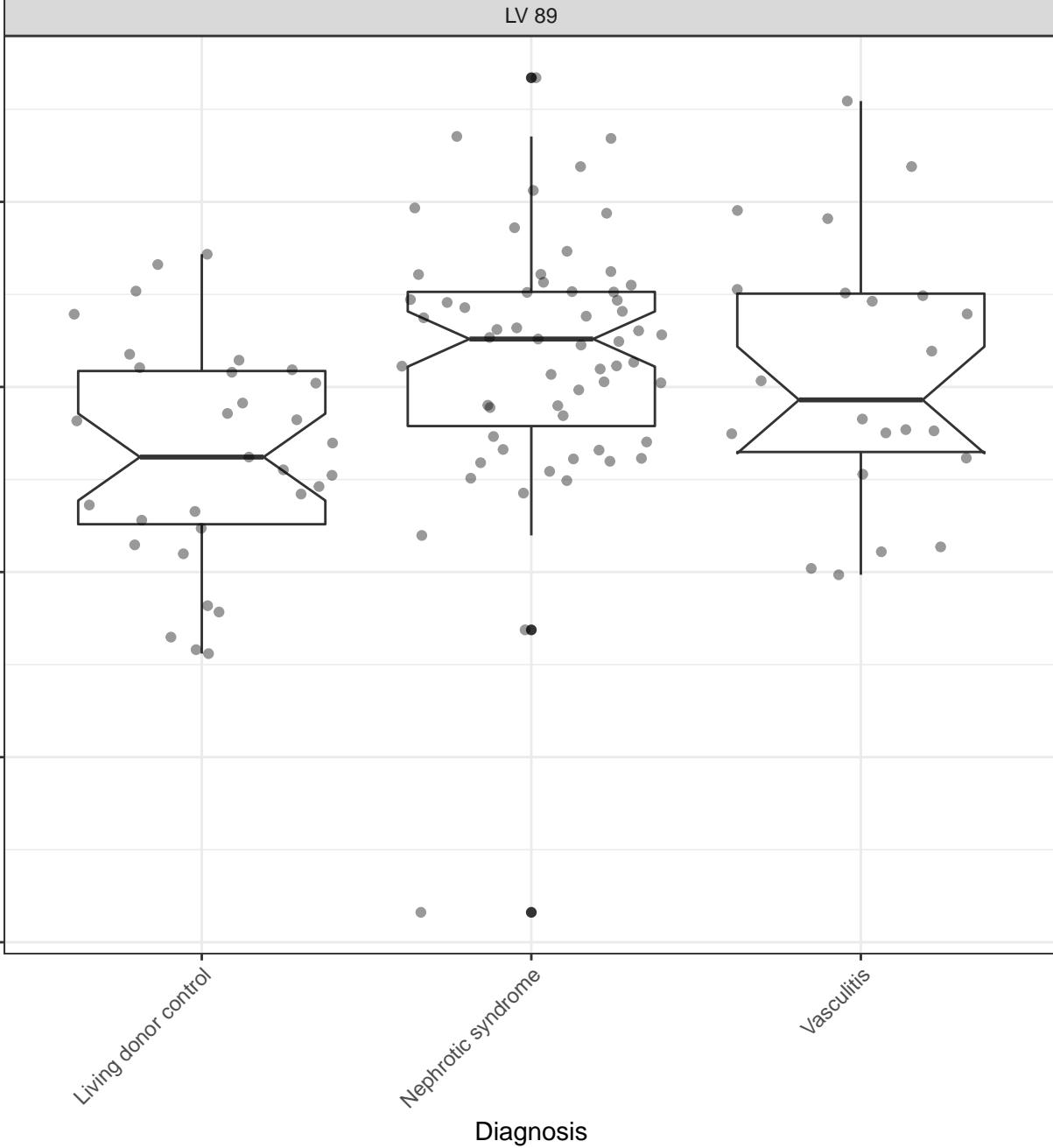
-0.12

Living donor control

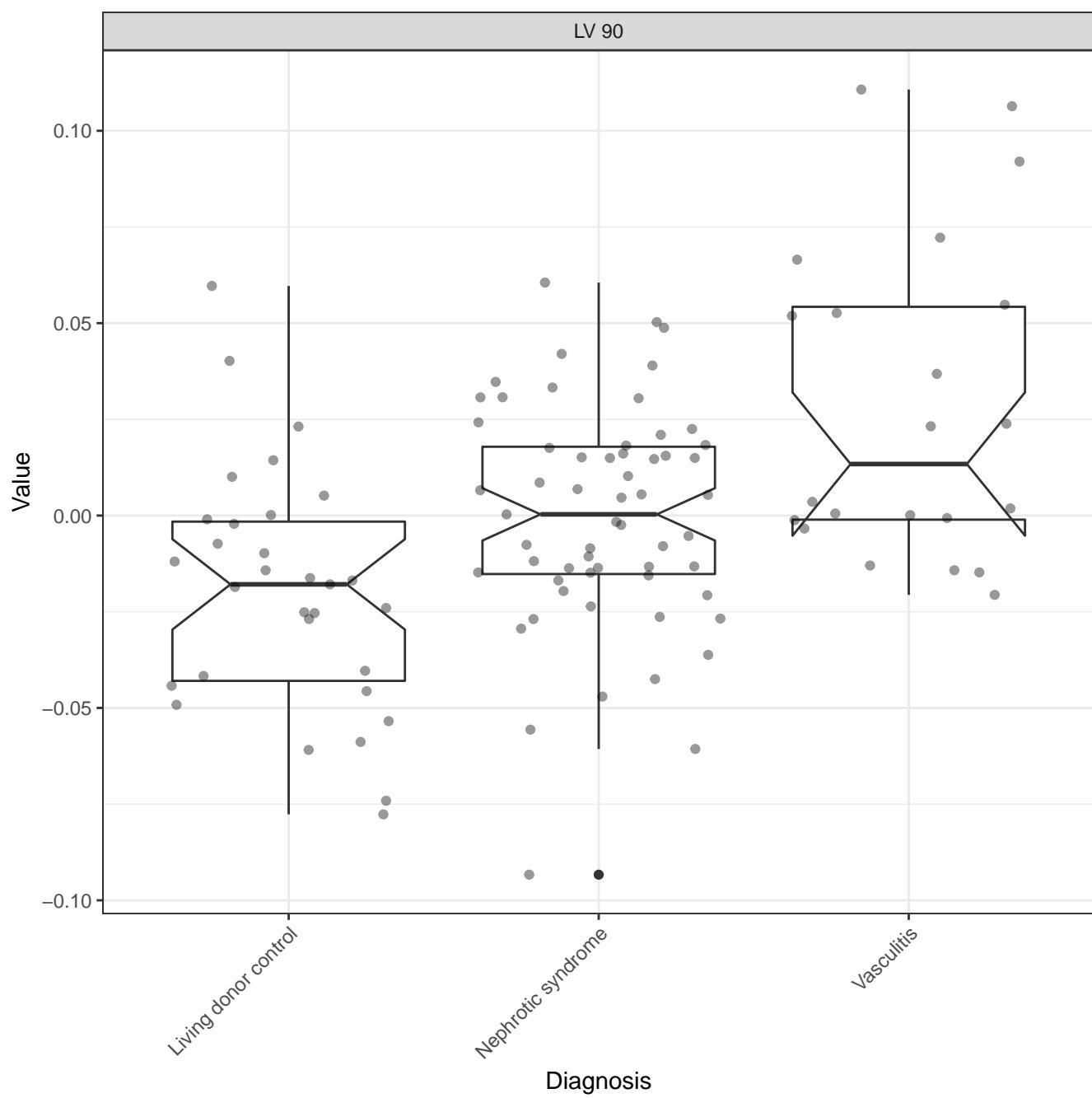
Nephrotic syndrome

Vasculitis

Diagnosis



LV 90



## 91,KEGG\_LYSOSOME

Value

0.2

0.1

0.0

-0.1

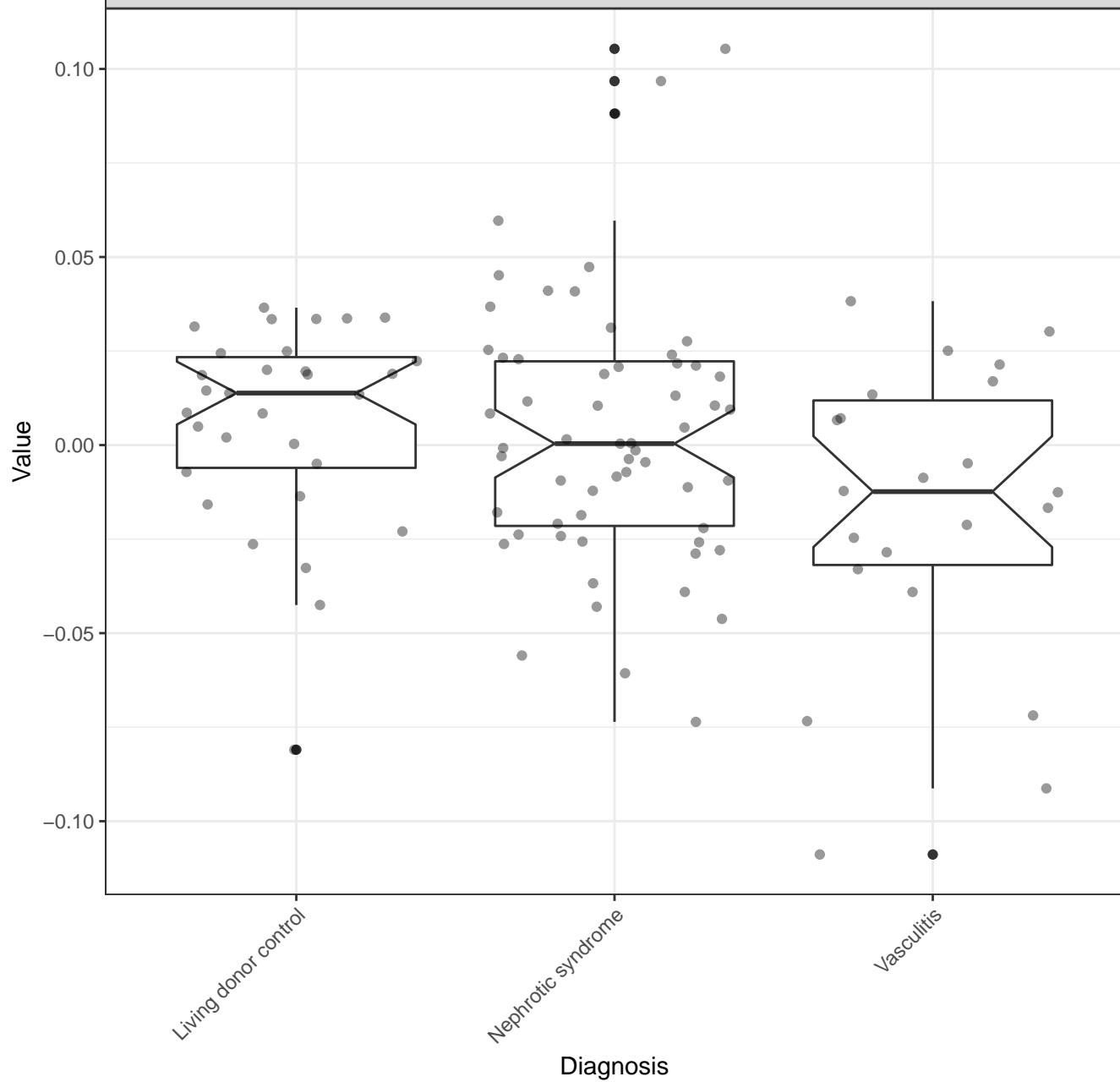
Living donor control

Nephrotic syndrome

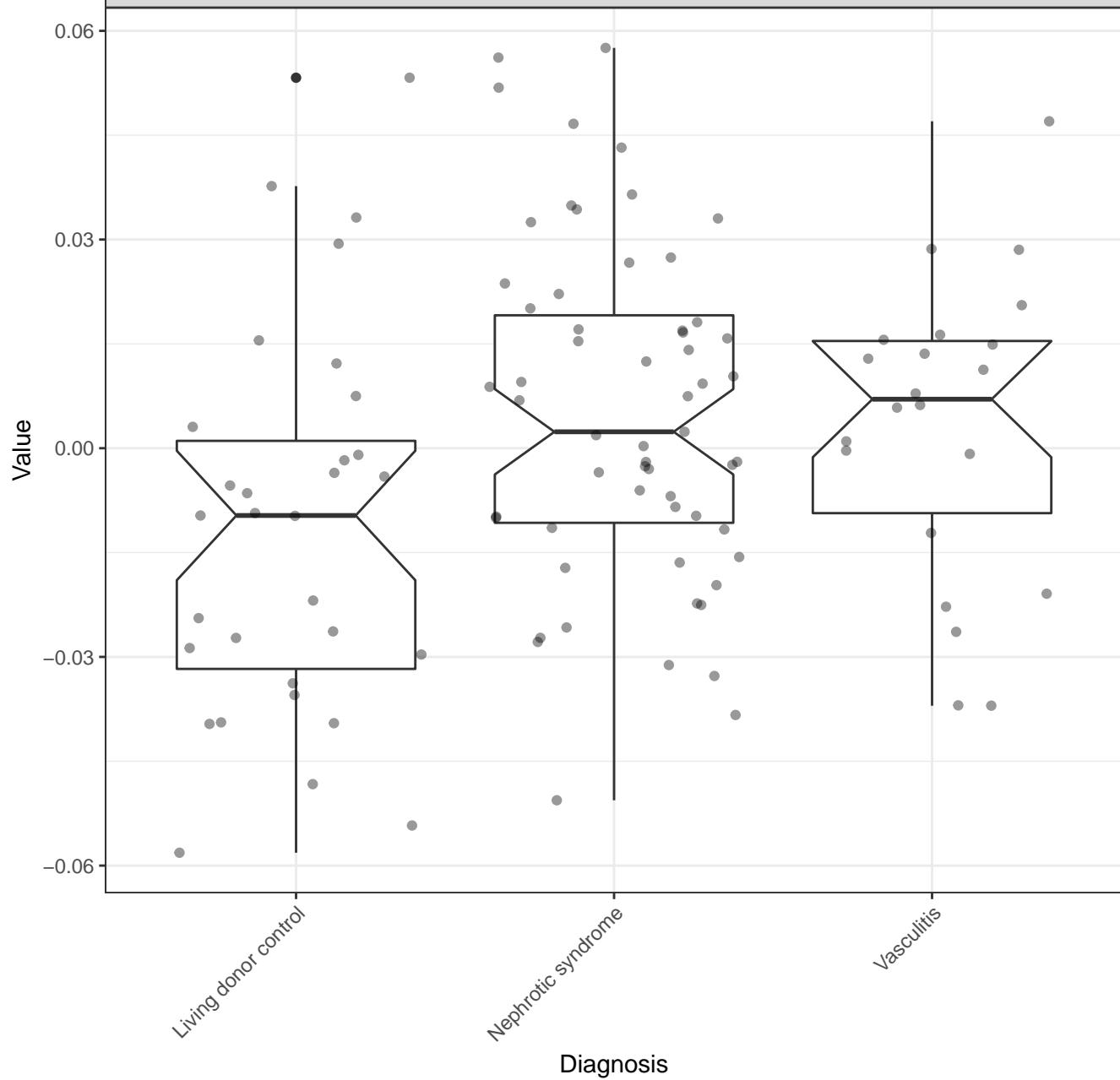
Vasculitis

Diagnosis

## 92,REACTOME\_CHROMOSOME\_MAINTENANCE



LV 93



LV 94

Value

0.05

0.00

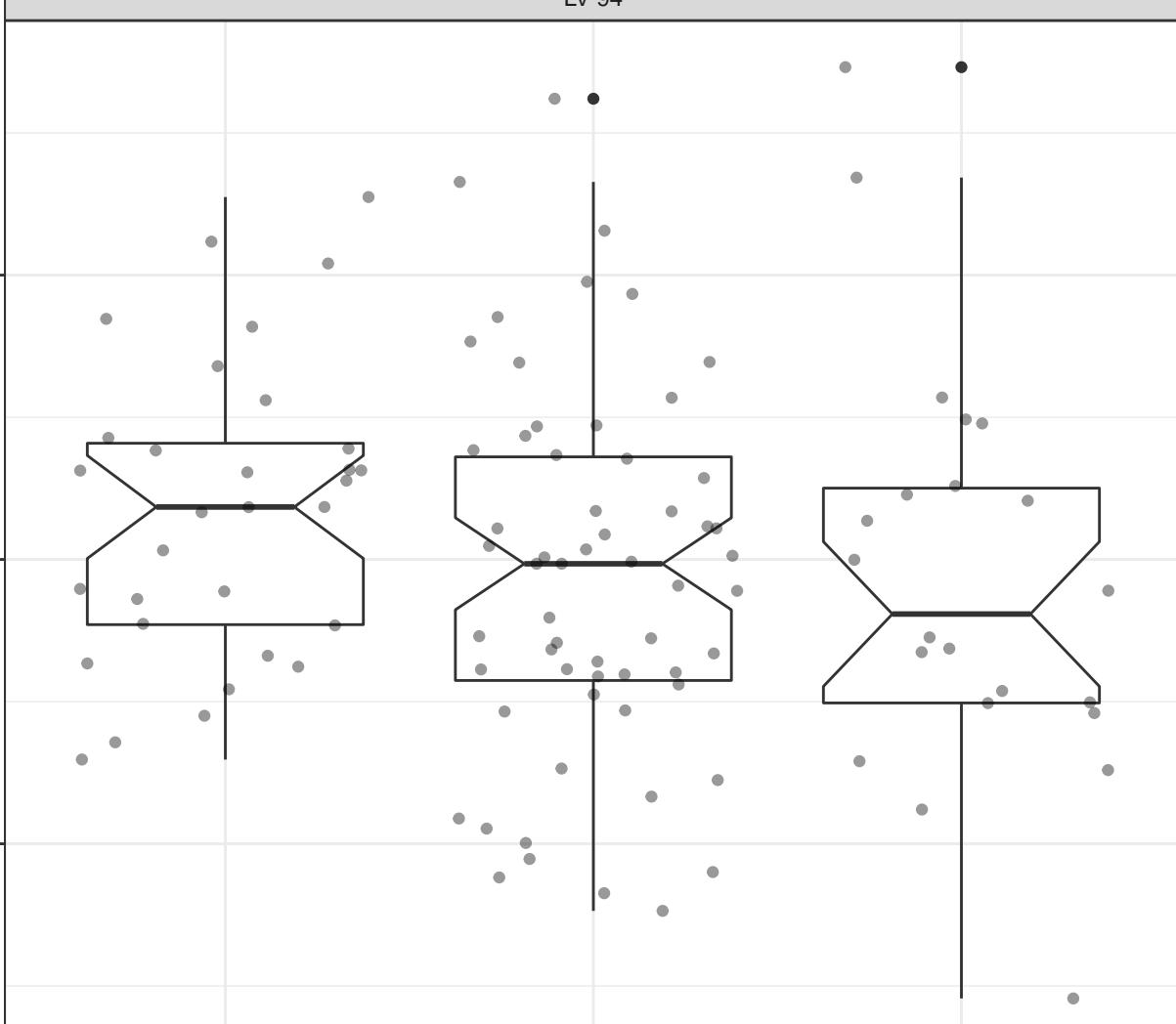
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 95

Value

0.08

0.04

0.00

-0.04

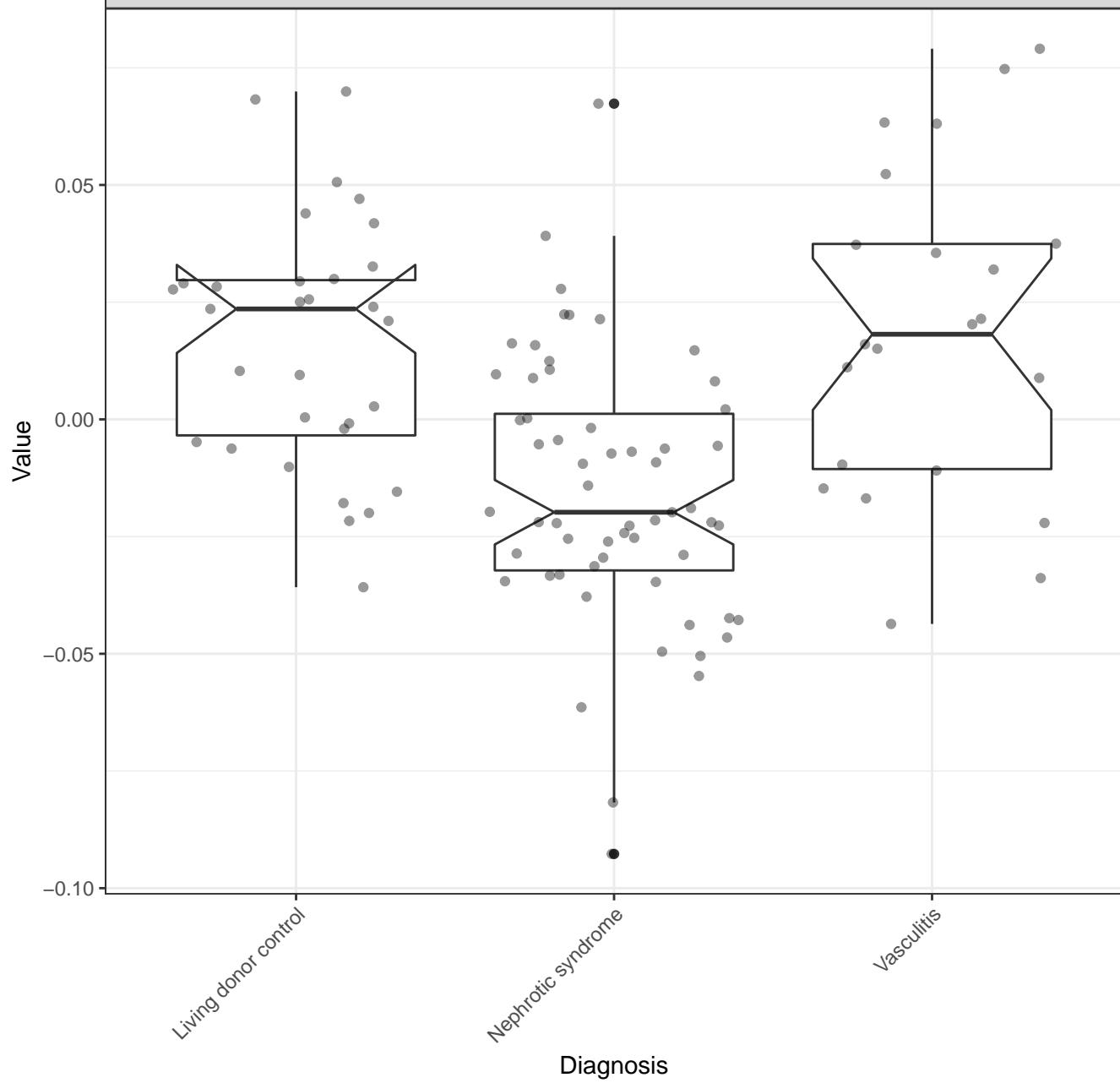
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

### 96,SVM NK cells activated



# 97,KEGG\_ARACHIDONIC\_ACID\_METABOLISM

Value

0.10

0.05

0.00

-0.05

-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.05

0.01

-0.05

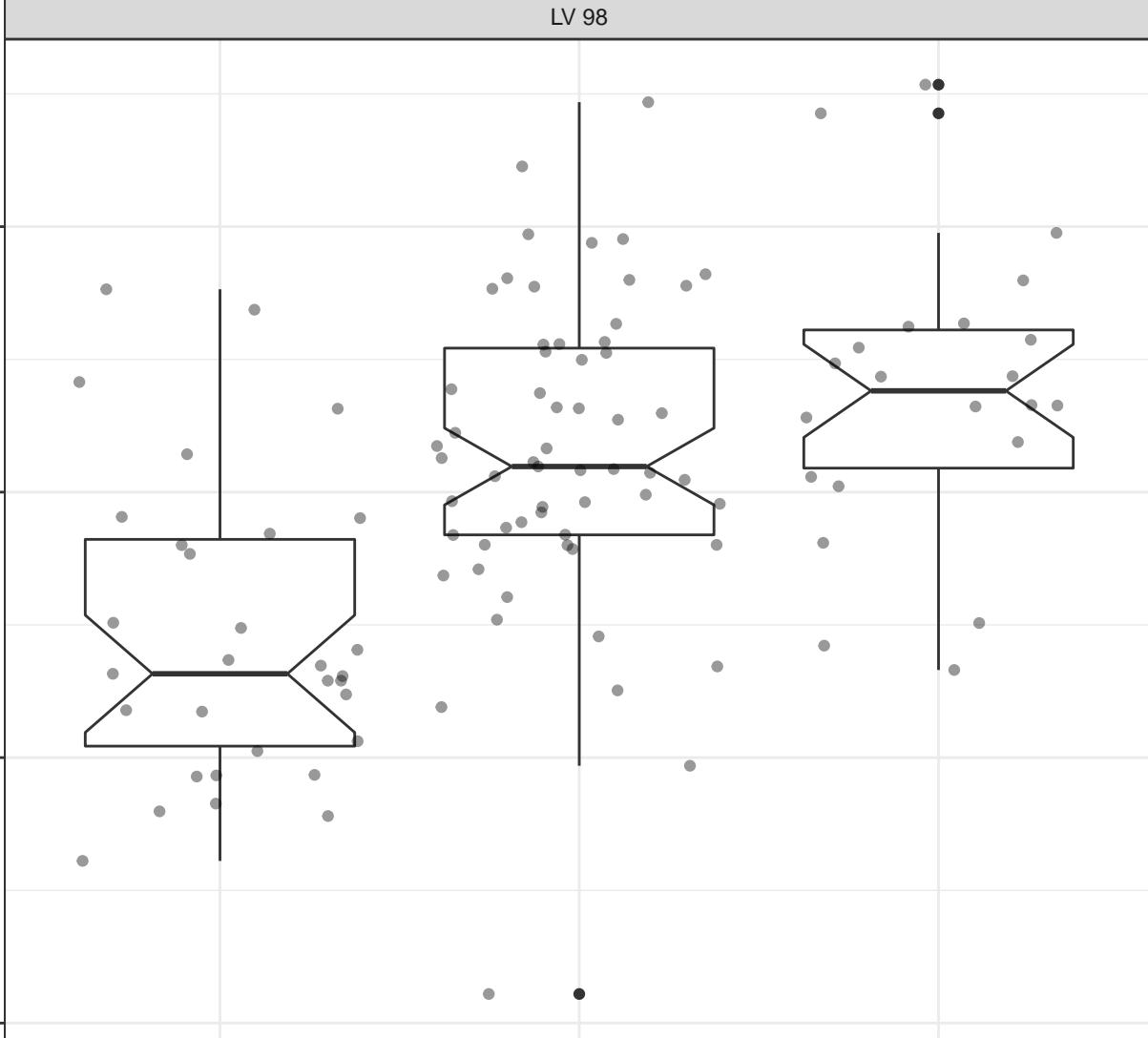
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 99

Value

0.05

0.00

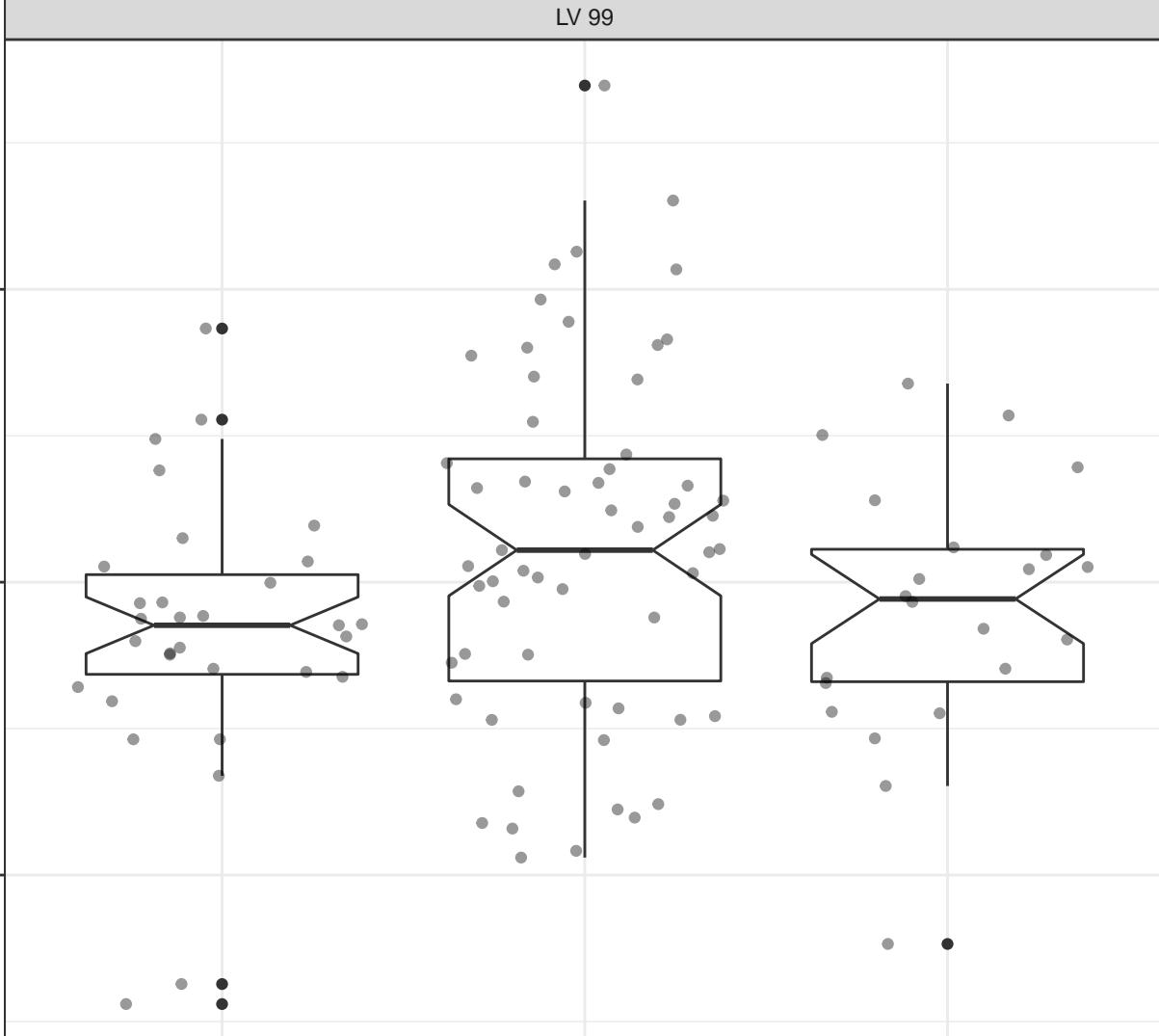
-0.05

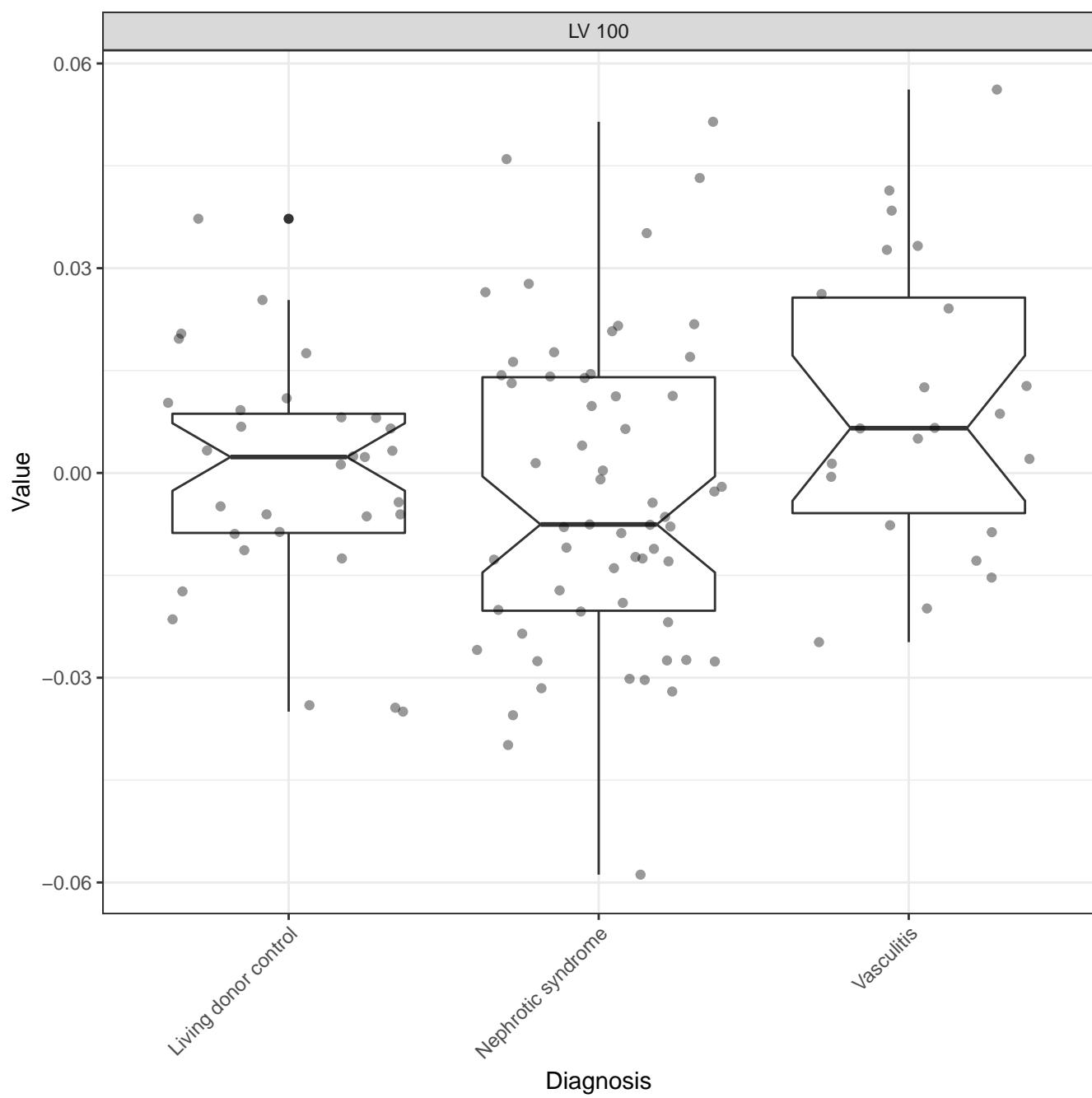
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.04

0.00

-0.04

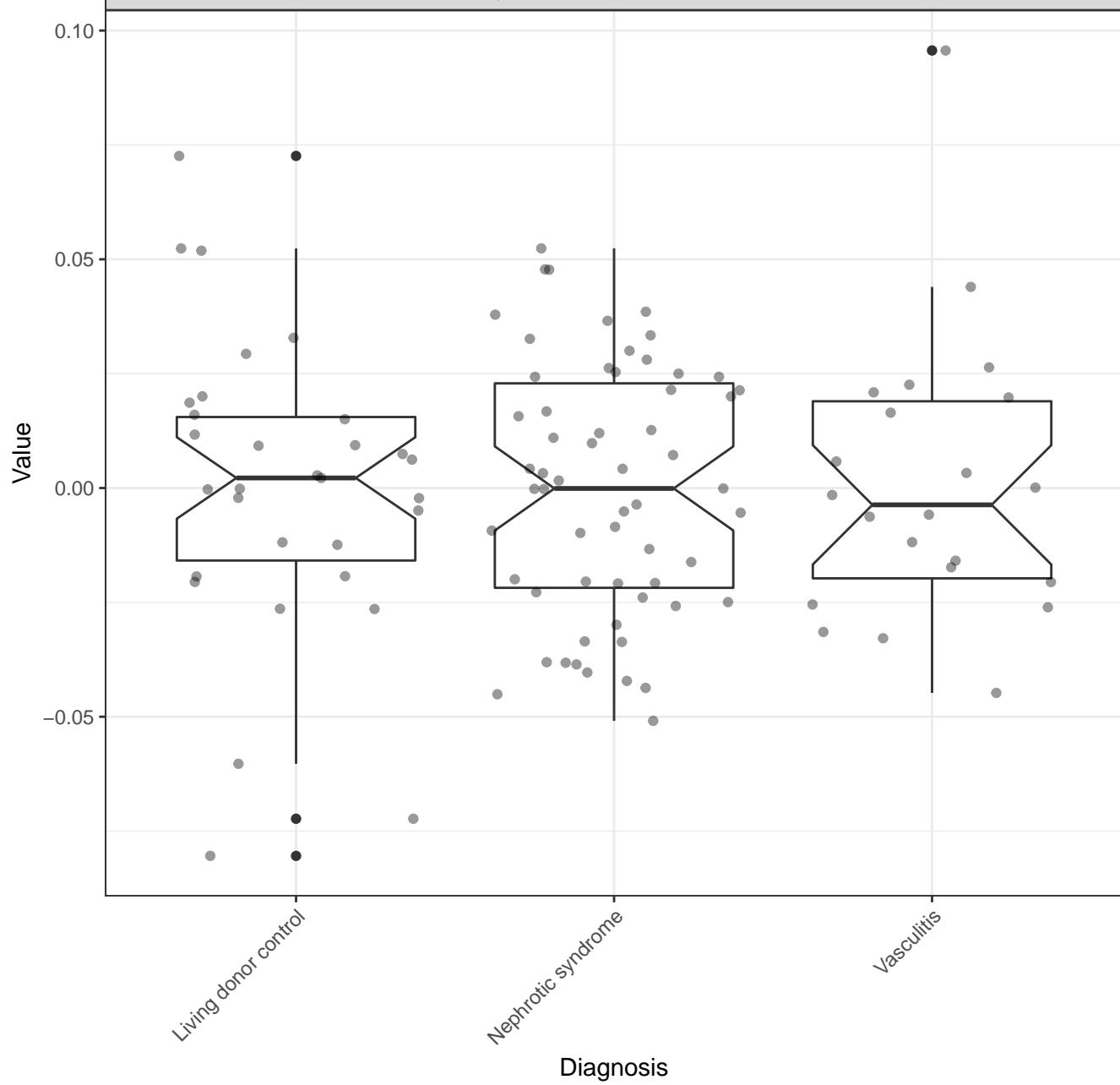
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

## 102,BIOCARTA\_NFAT\_PATHWAY



LV 103

Value

0.08

0.04

0.00

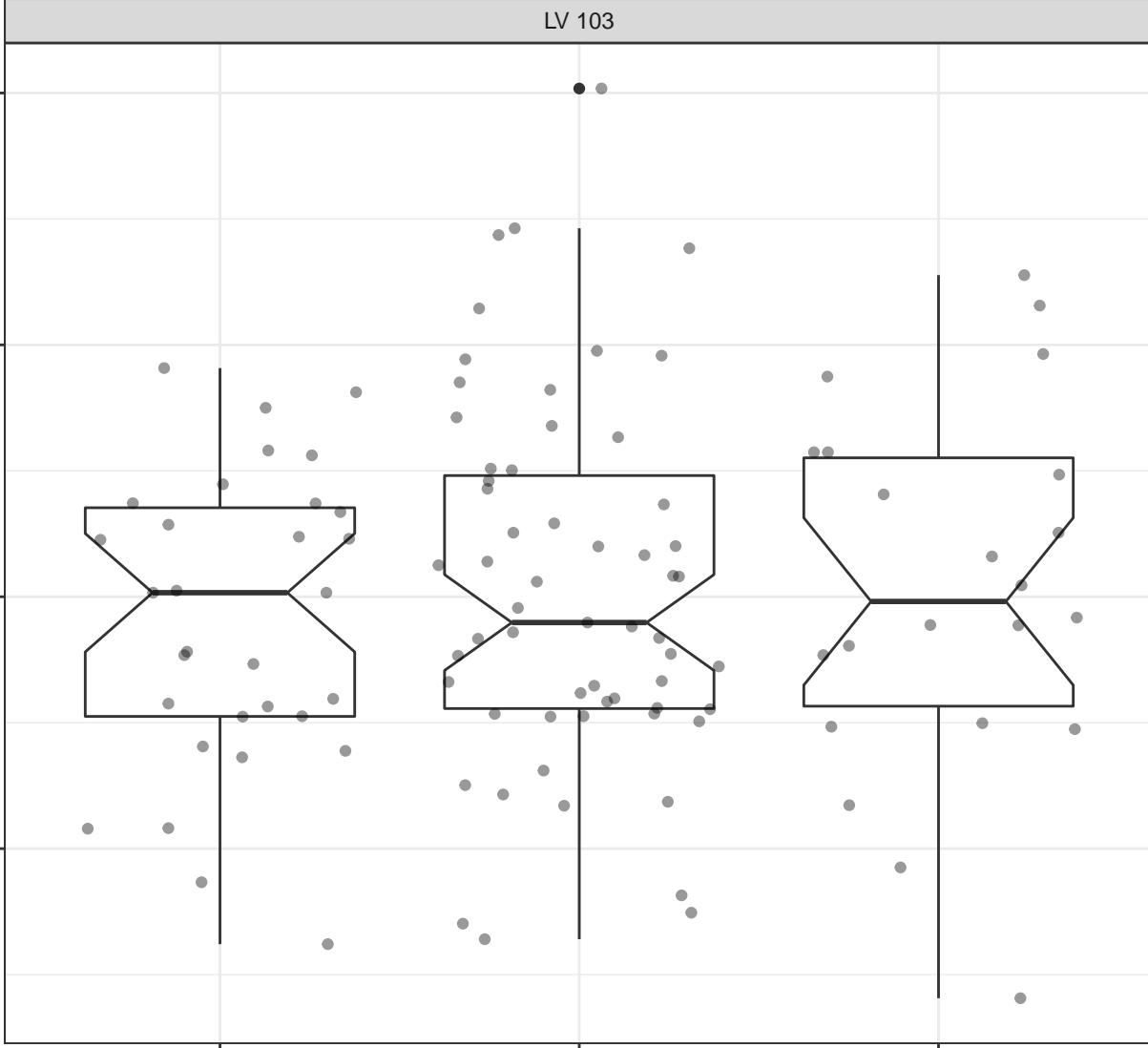
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

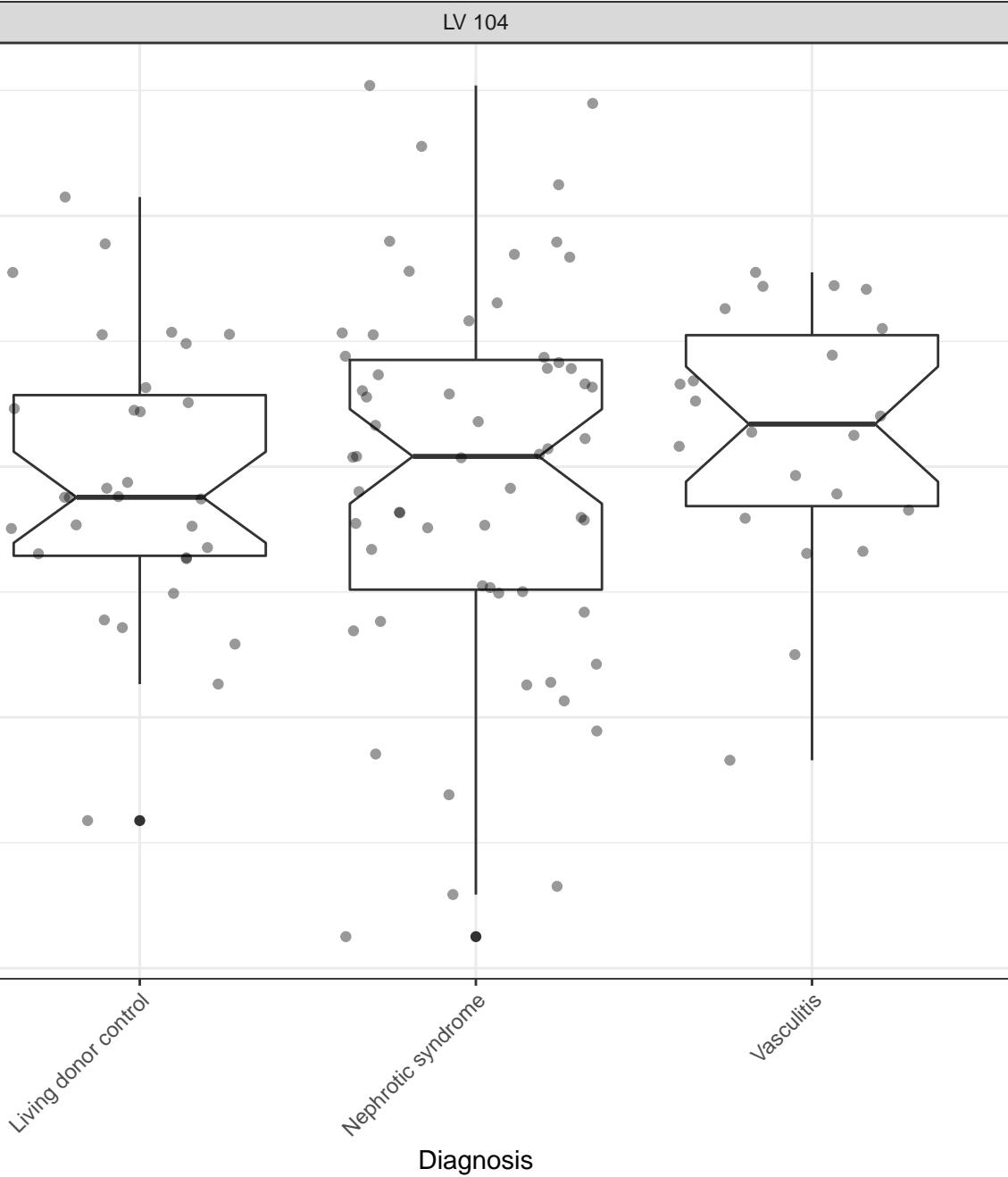
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 105

Value

0.05

0.00

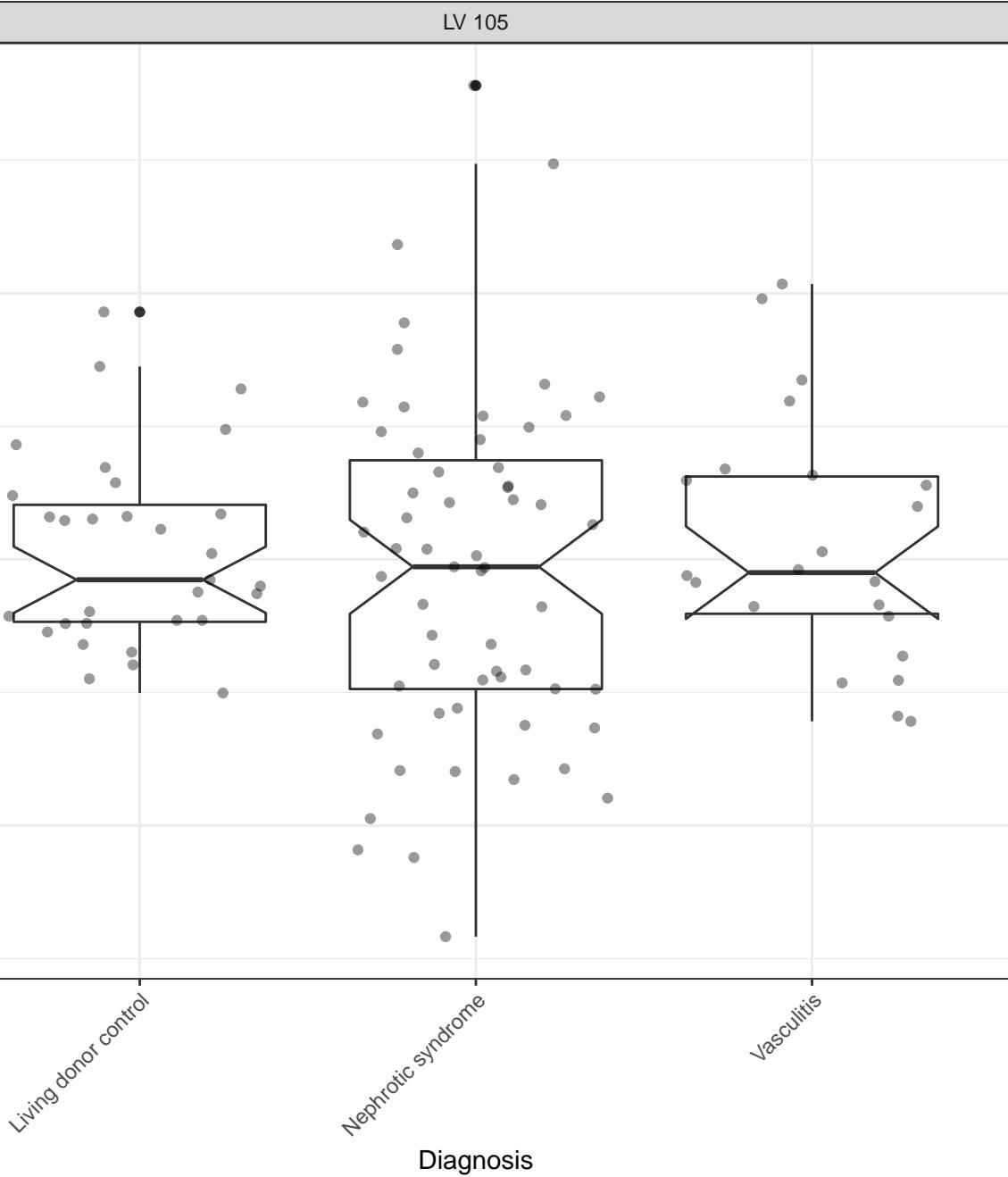
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 106

Value

0.10

0.05

0.00

-0.05

-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

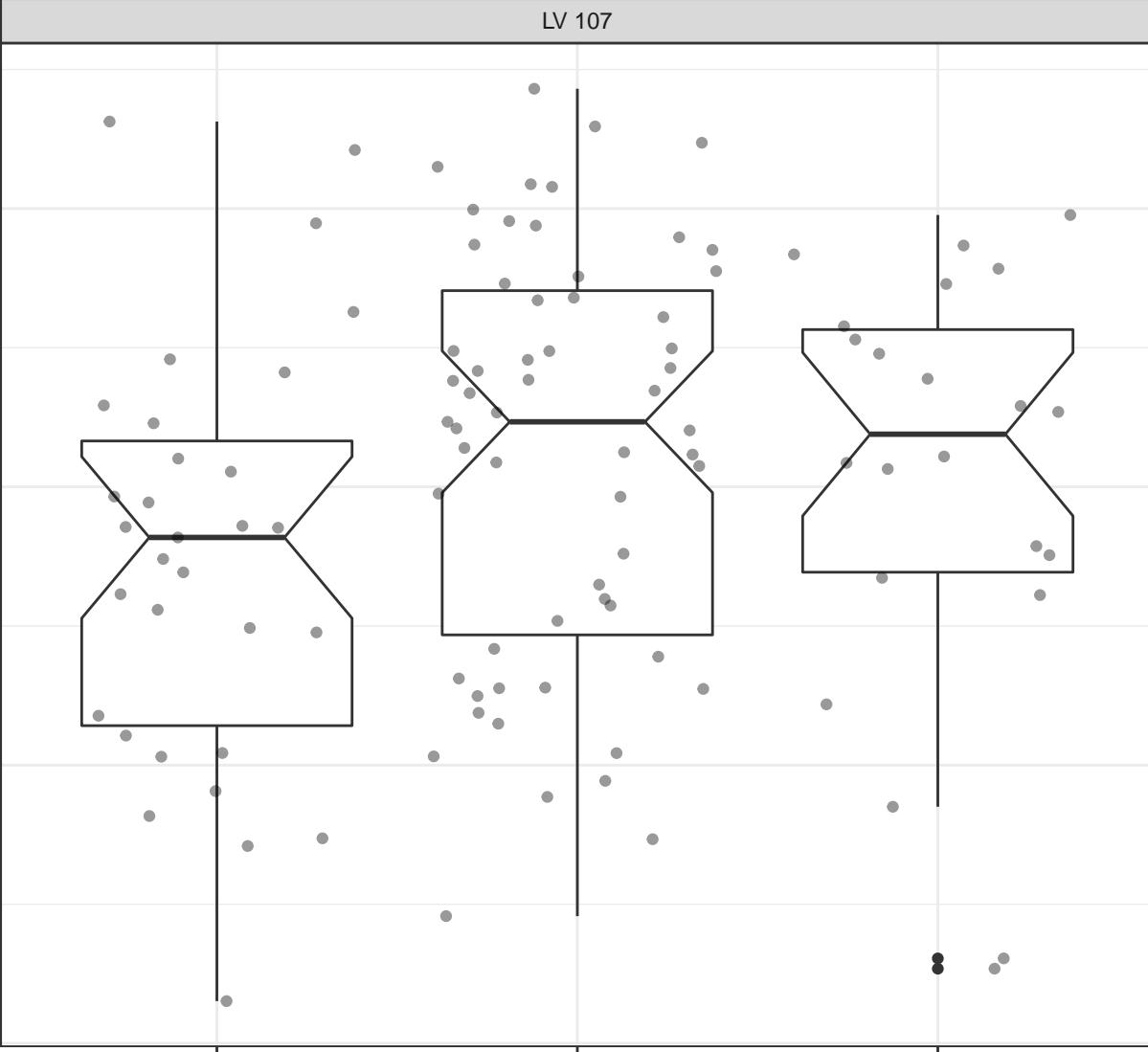
0.04  
0.00  
-0.04  
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 108

Value

0.10

0.05

0.00

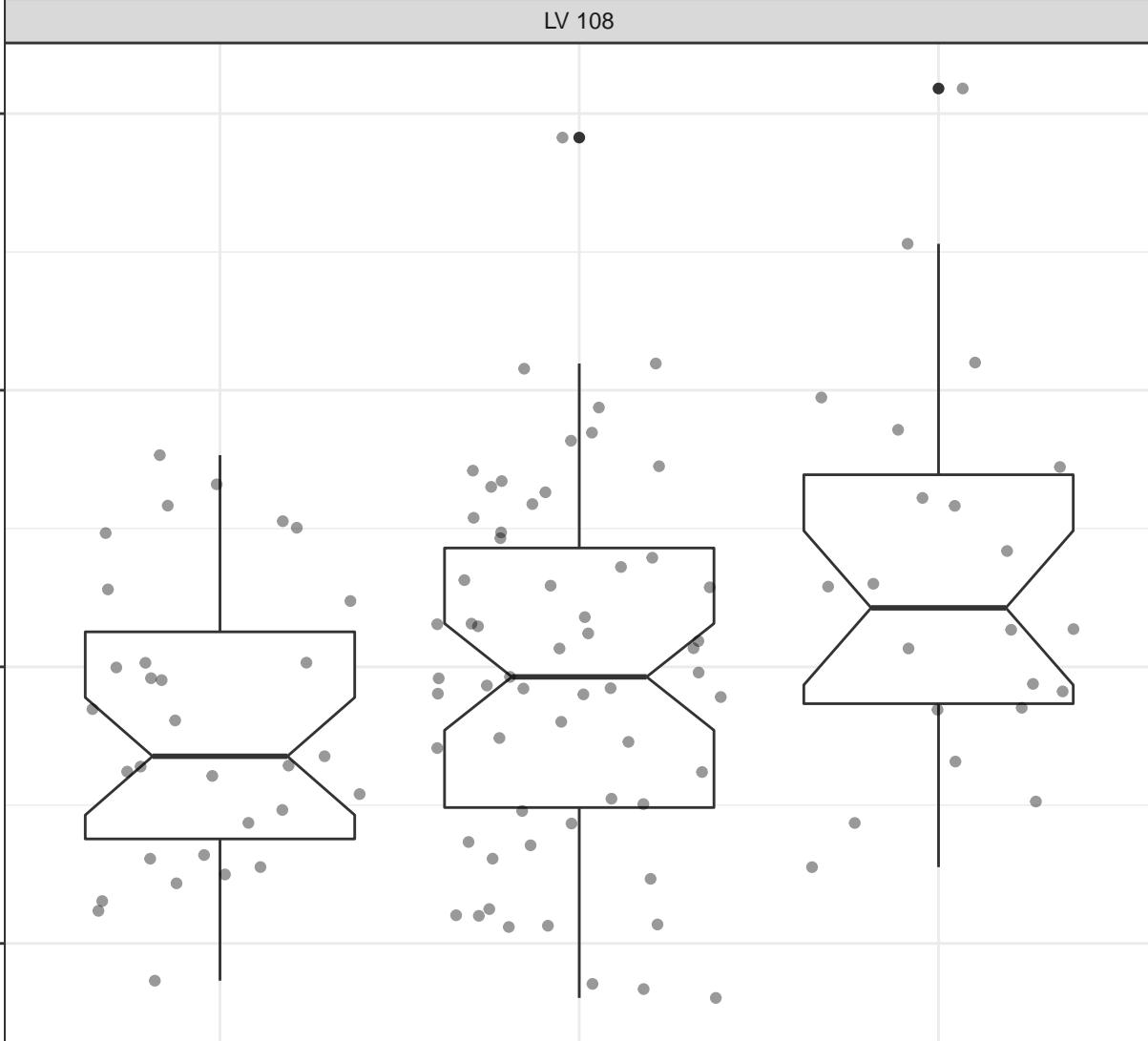
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

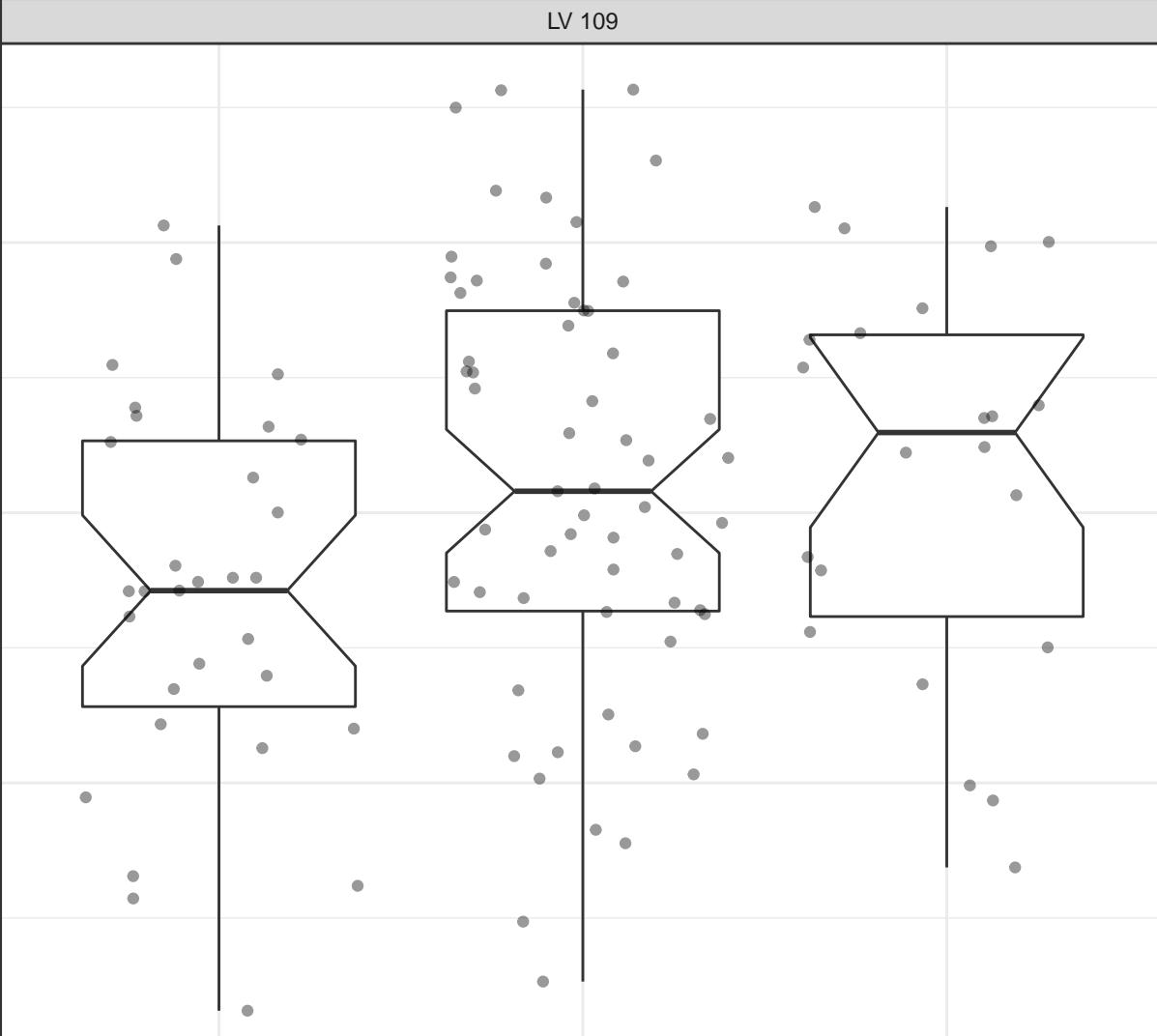
-0.08

Living donor control

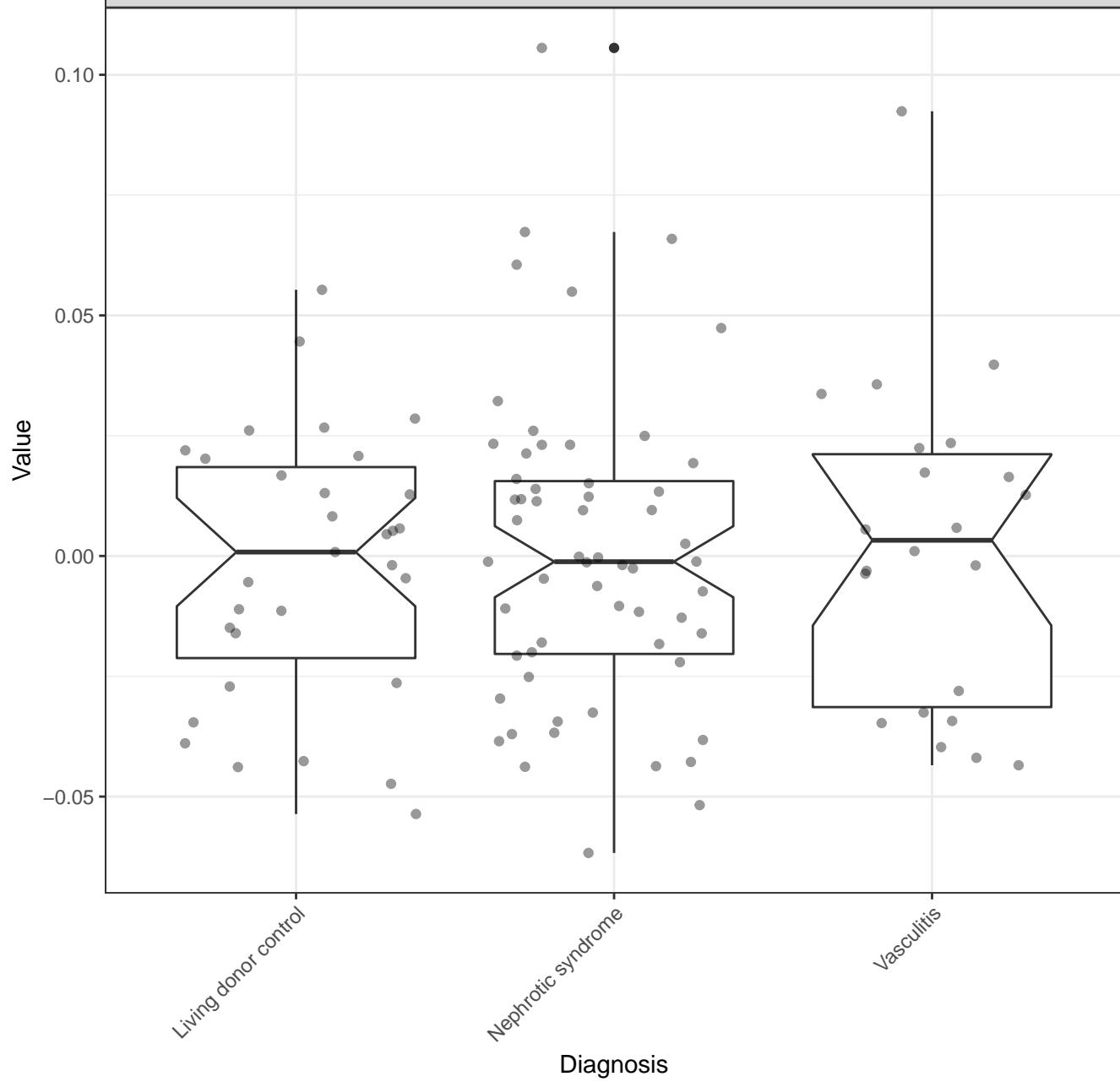
Nephrotic syndrome

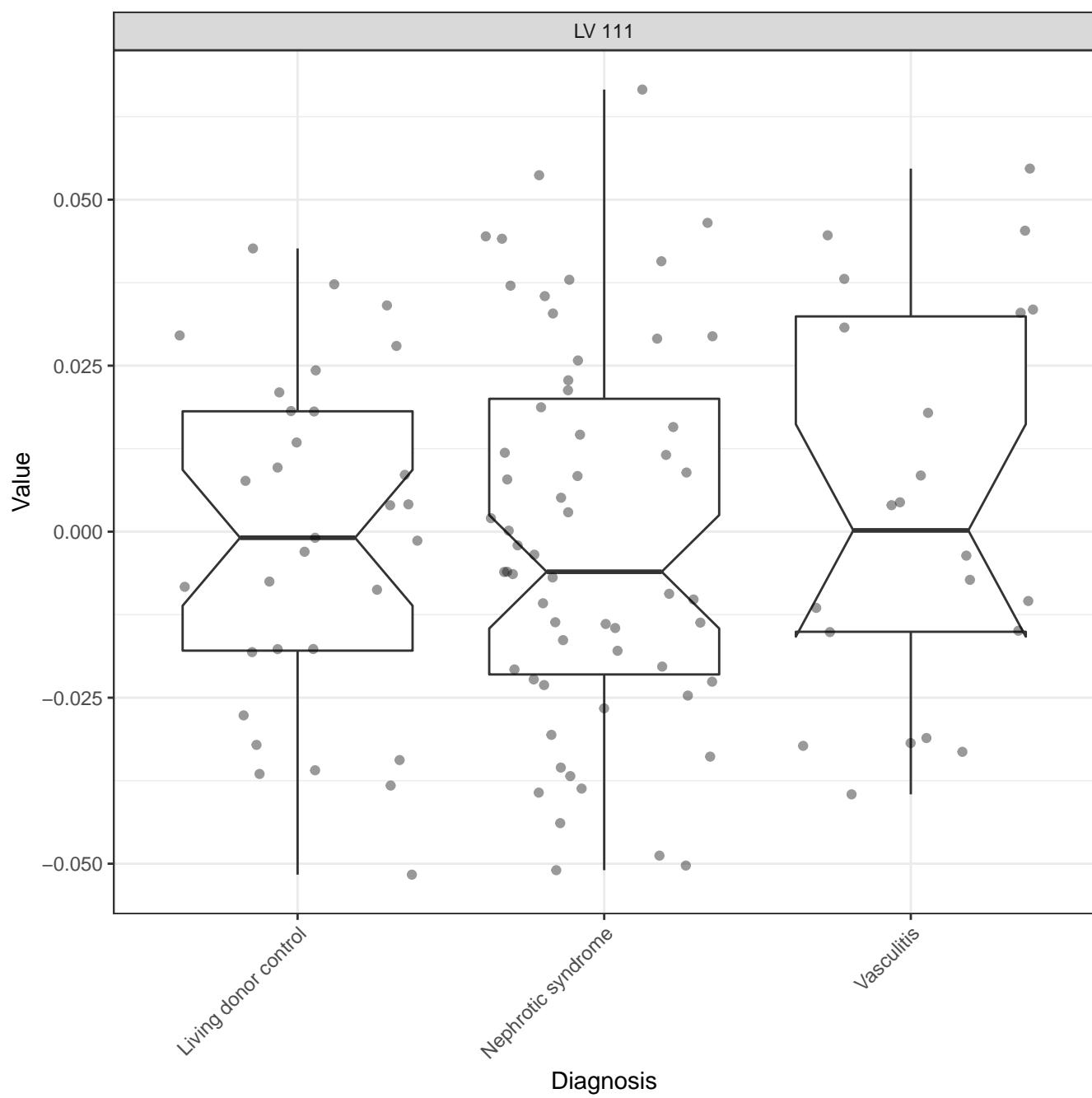
Vasculitis

Diagnosis

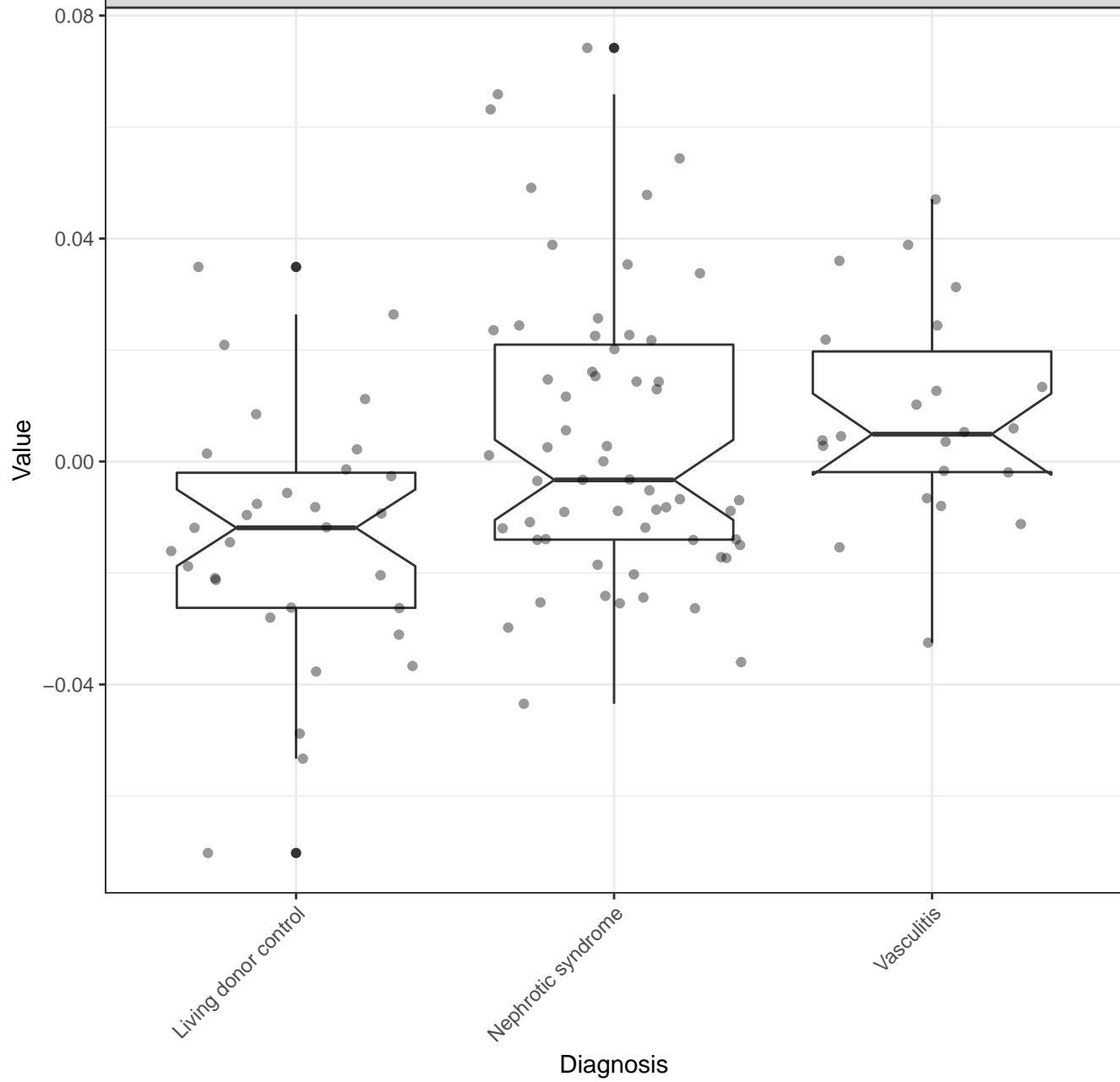


## 110,REACTOME\_MEIOSIS





LV 112



Value

0.05

0.00

-0.05

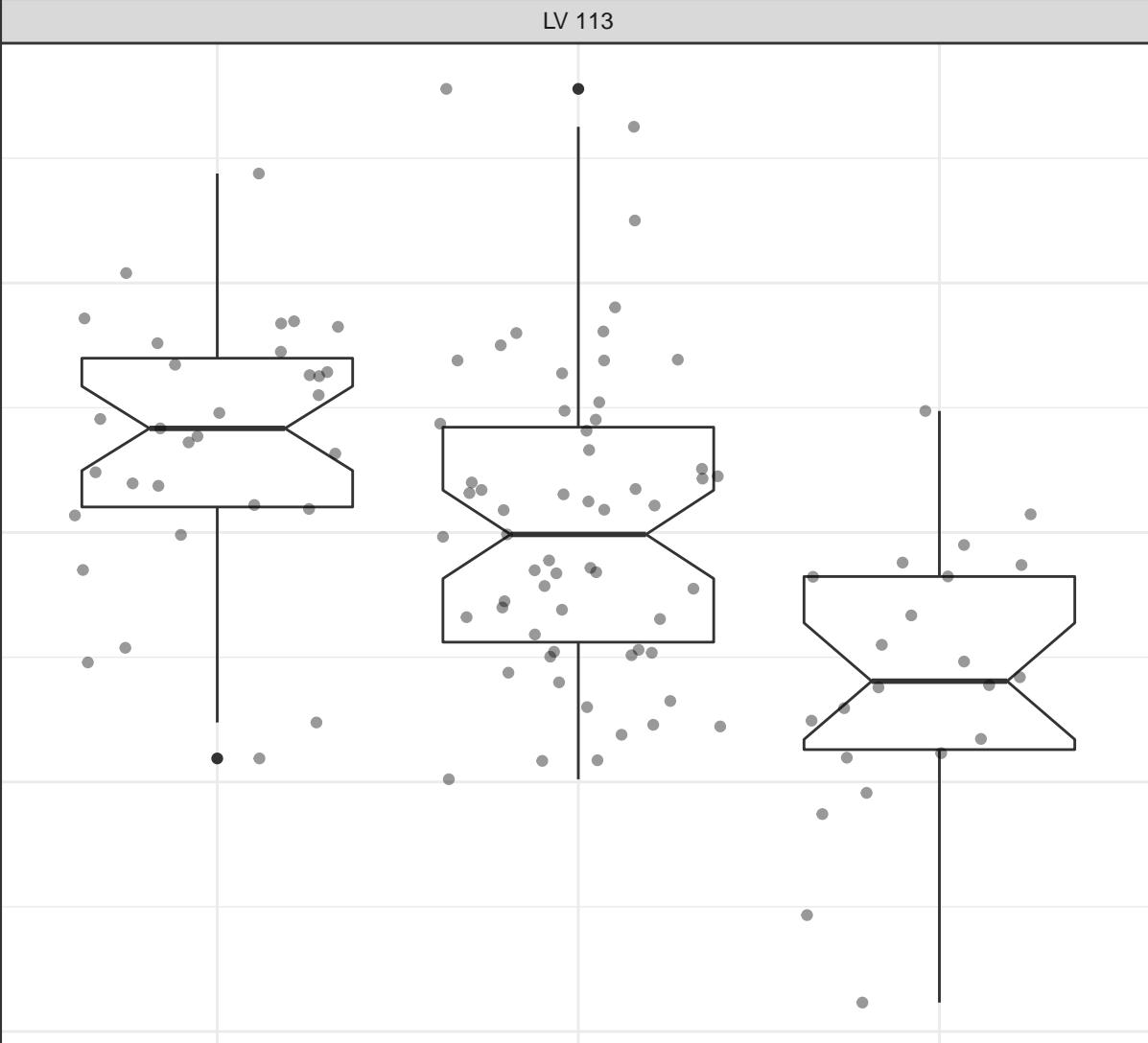
-0.10

Living donor control

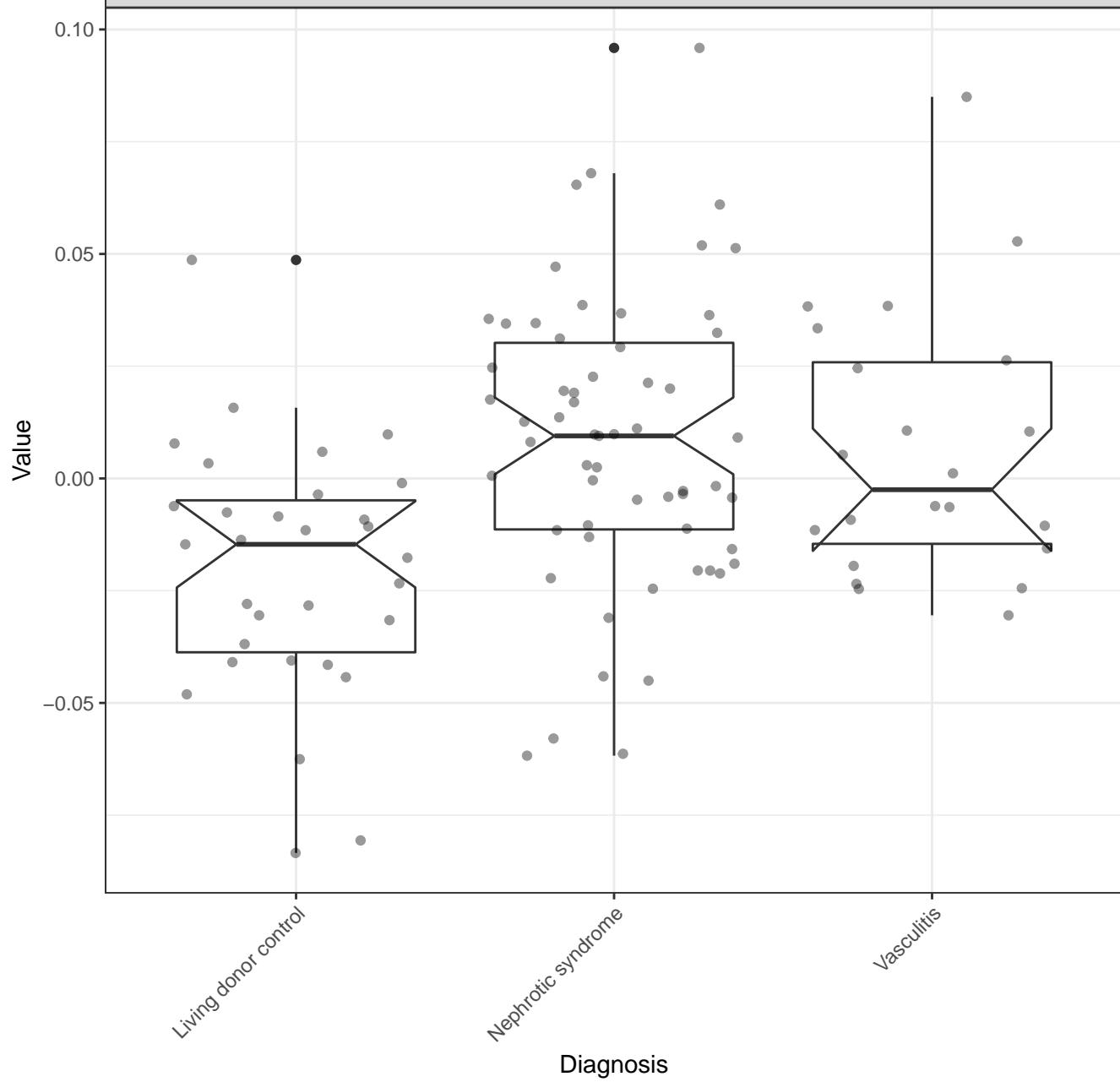
Nephrotic syndrome

Vasculitis

Diagnosis



LV 114



Value

0.04

0.00

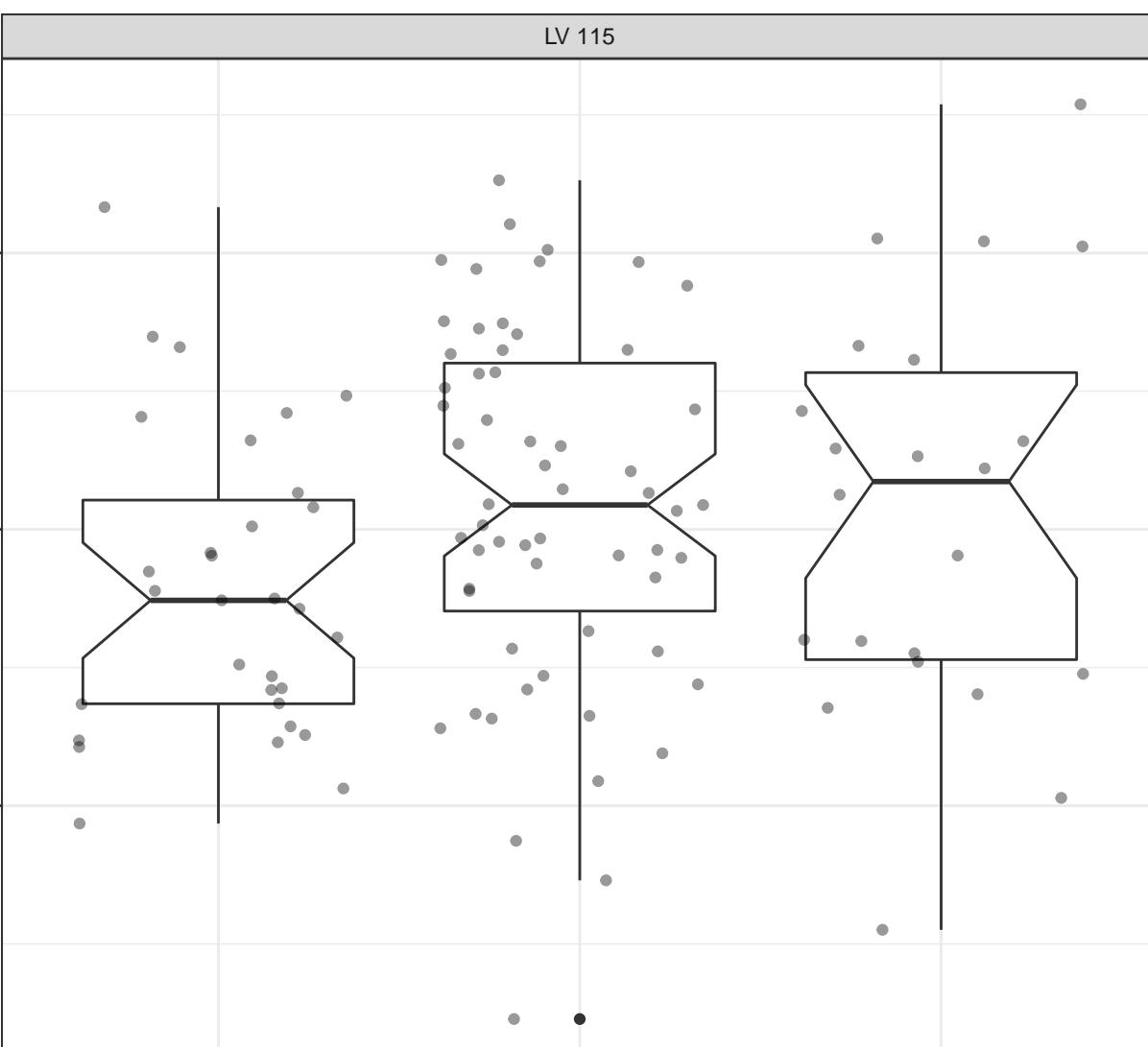
-0.04

Living donor control

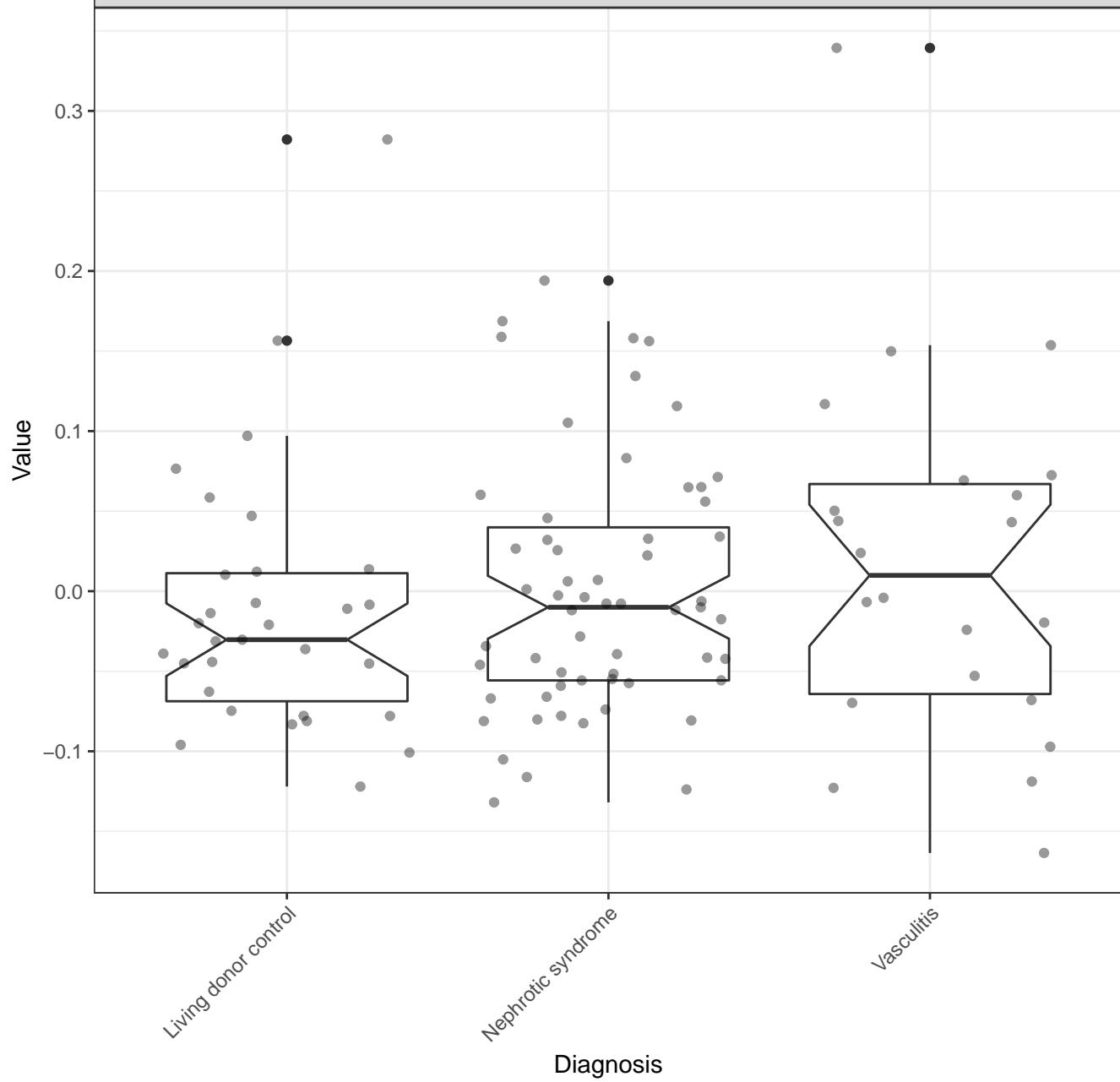
Nephrotic syndrome

Vasculitis

Diagnosis



# 116,REACTOME\_INTERFERON\_ALPHA\_BETA\_SIGNALING



Value

0.05

0.00

-0.05

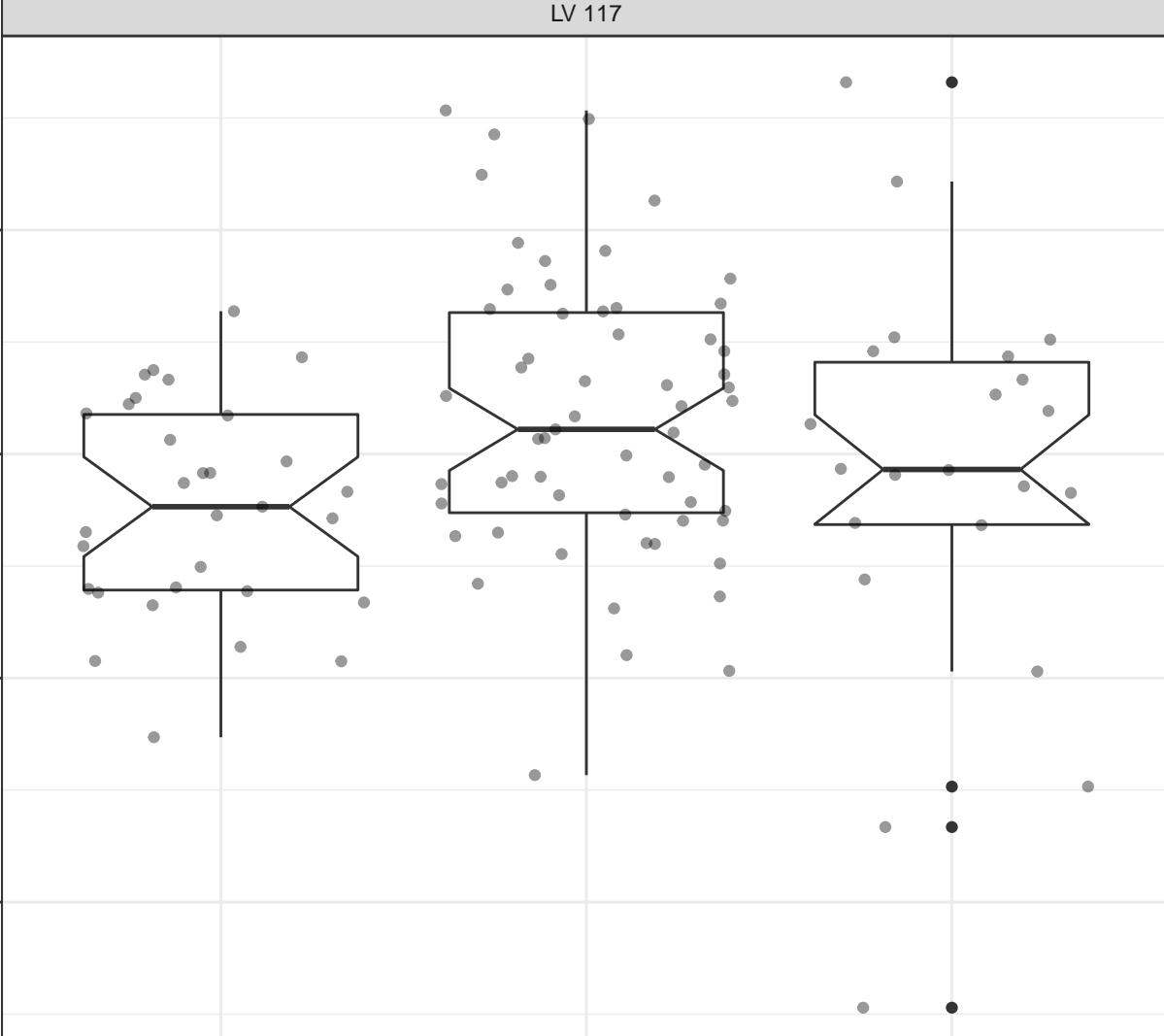
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

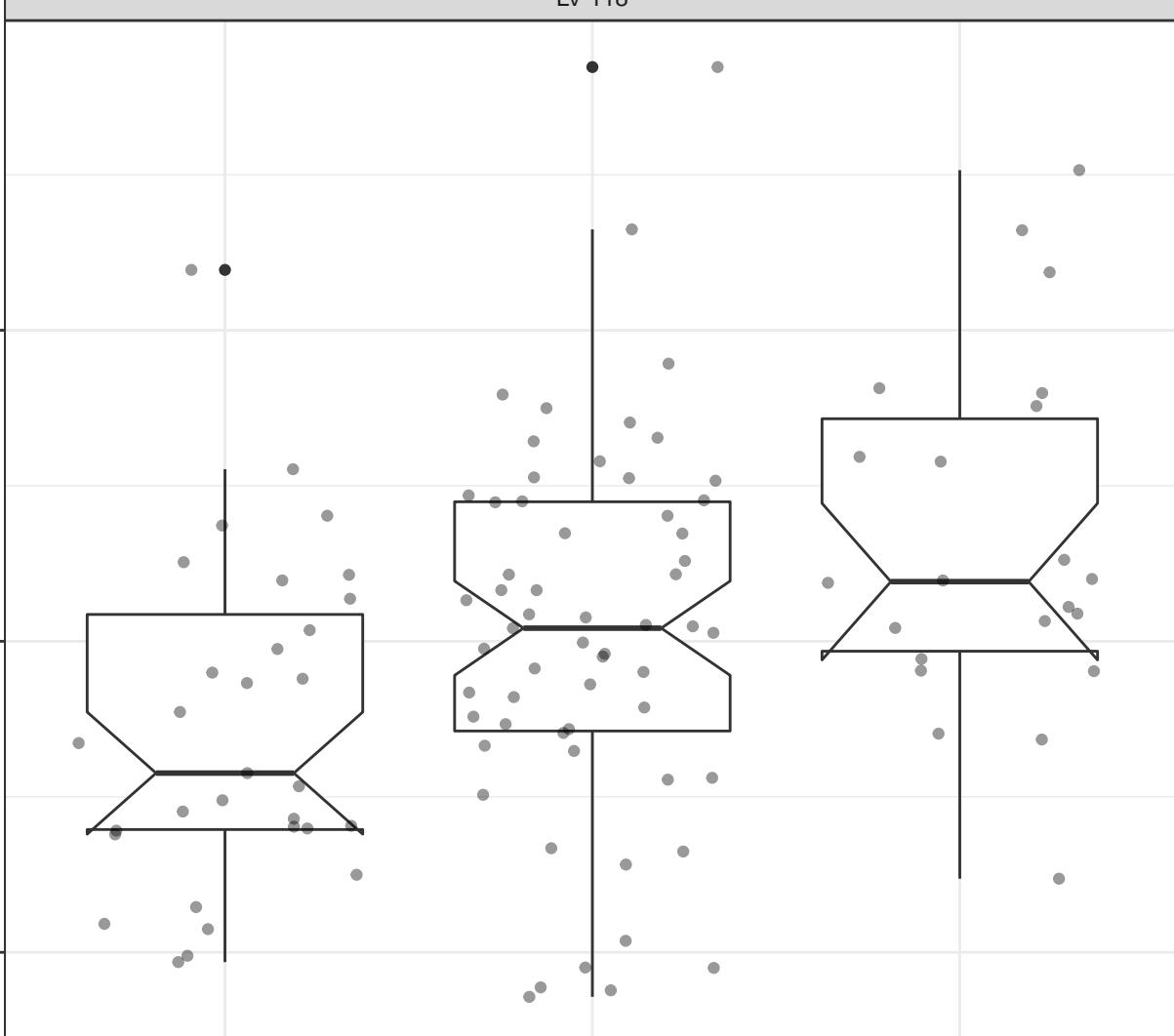
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 119

Value

0.10

0.05

0.00

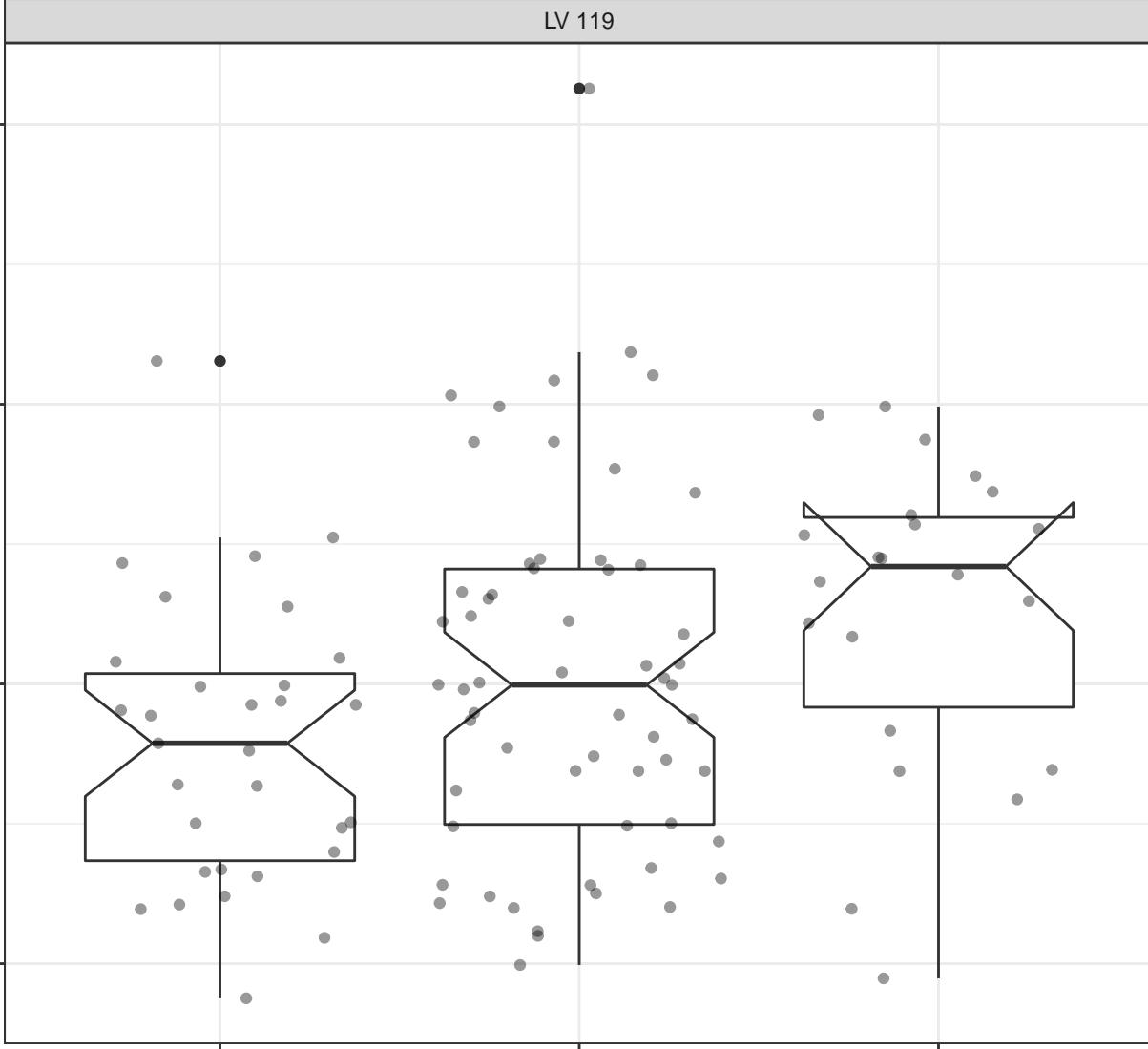
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 120

Value

0.05

0.00

-0.05

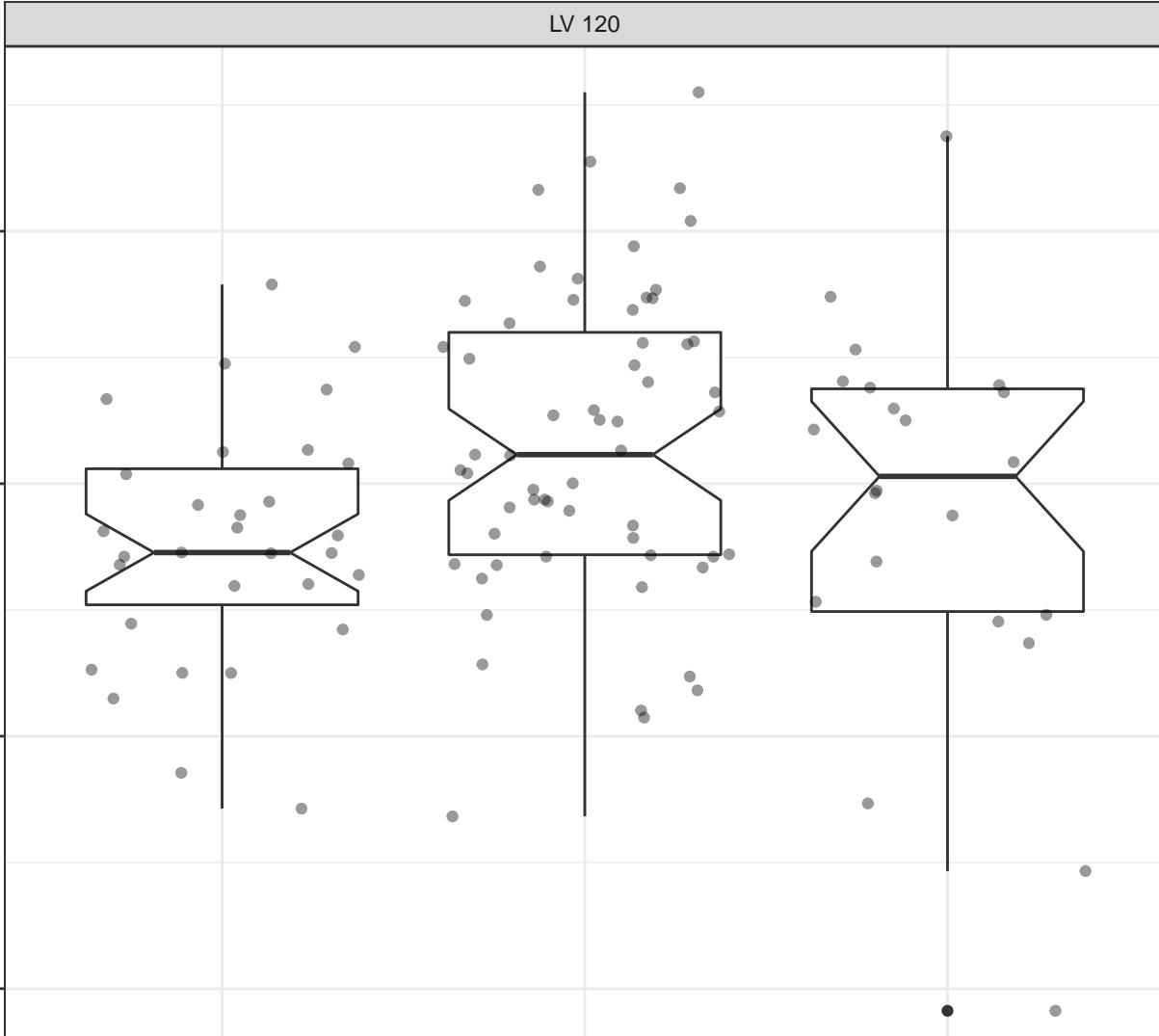
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.01

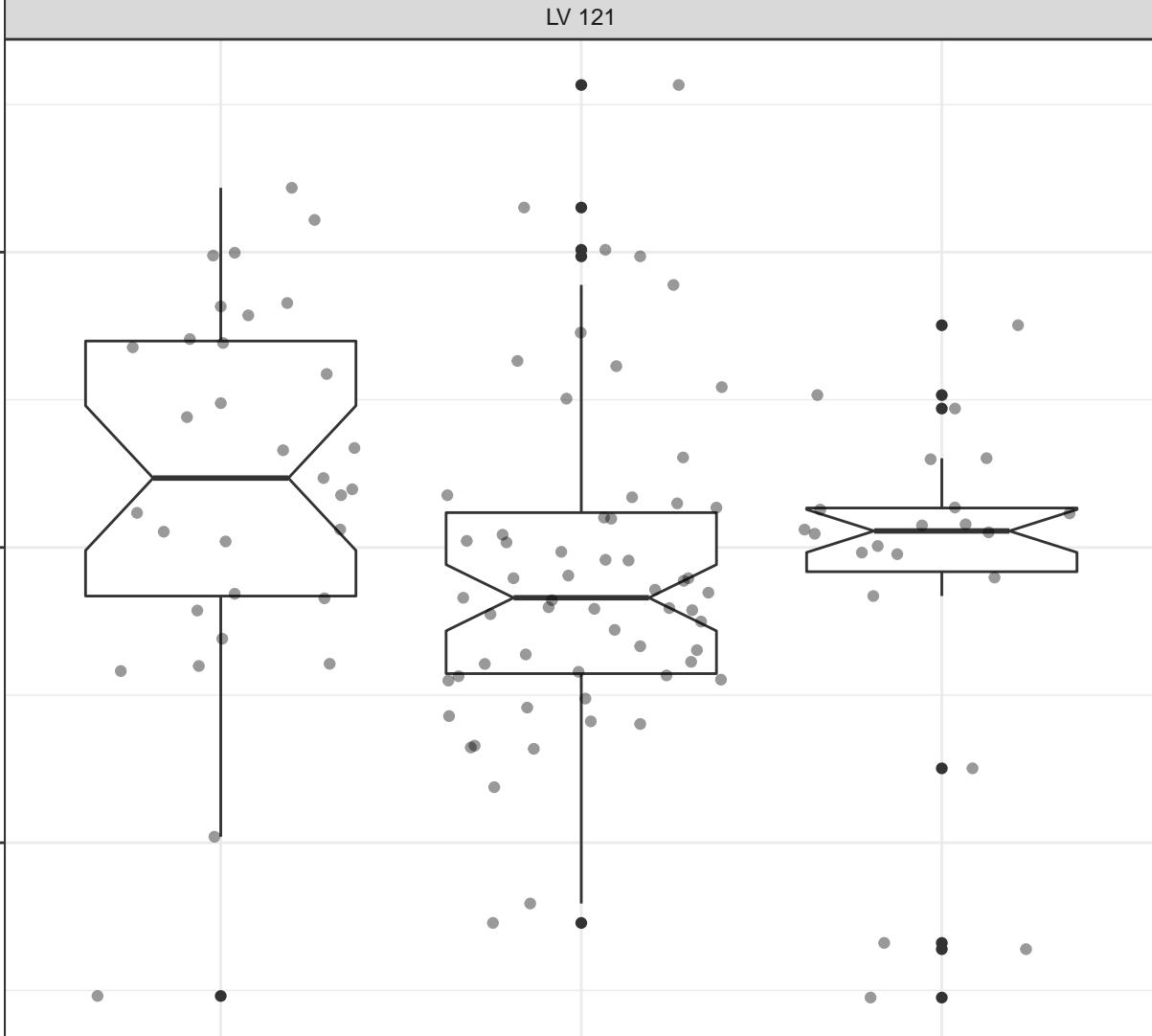
-0.04

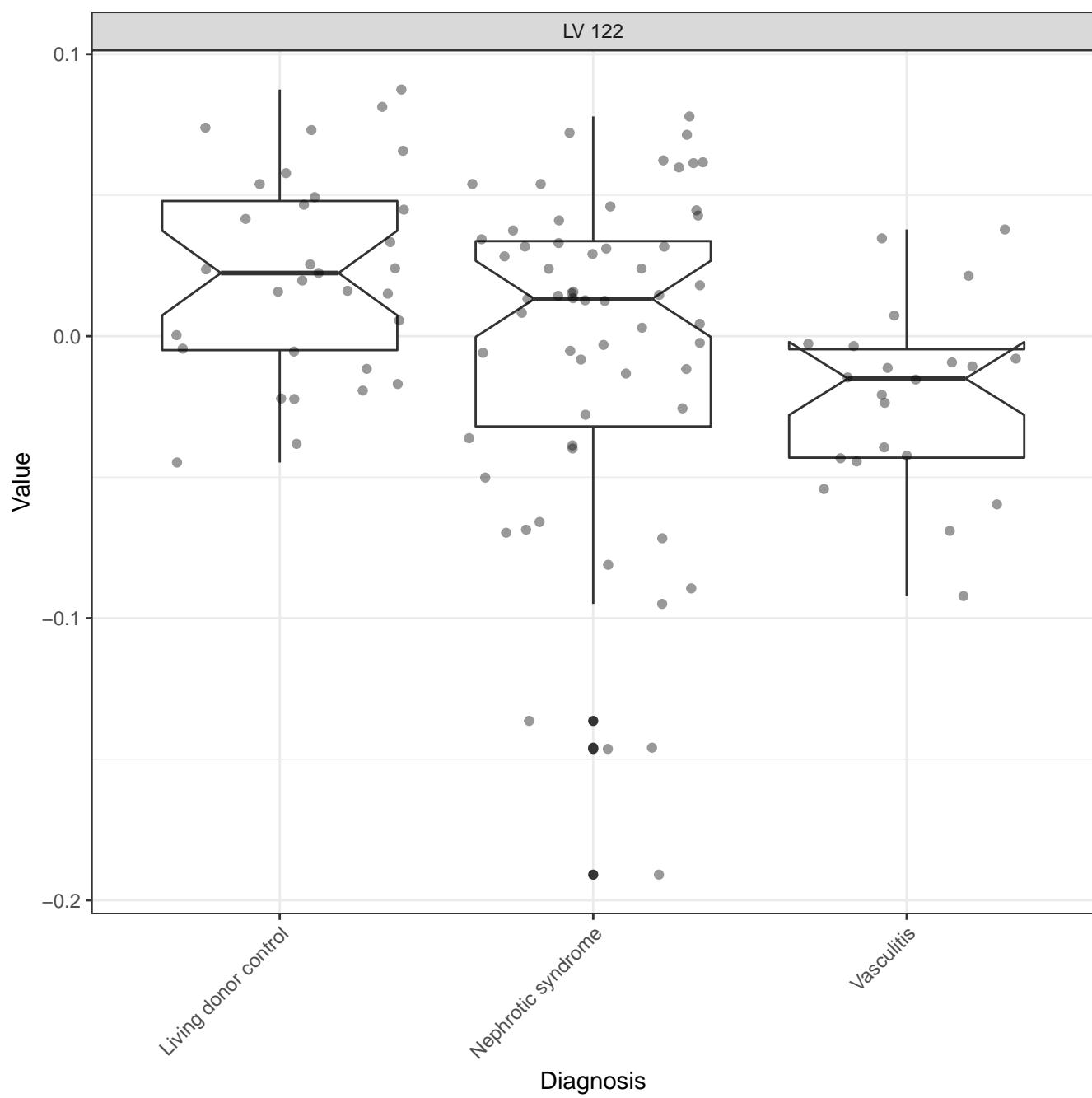
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





### 123,SVM Dendritic cells activated

Value

0.1

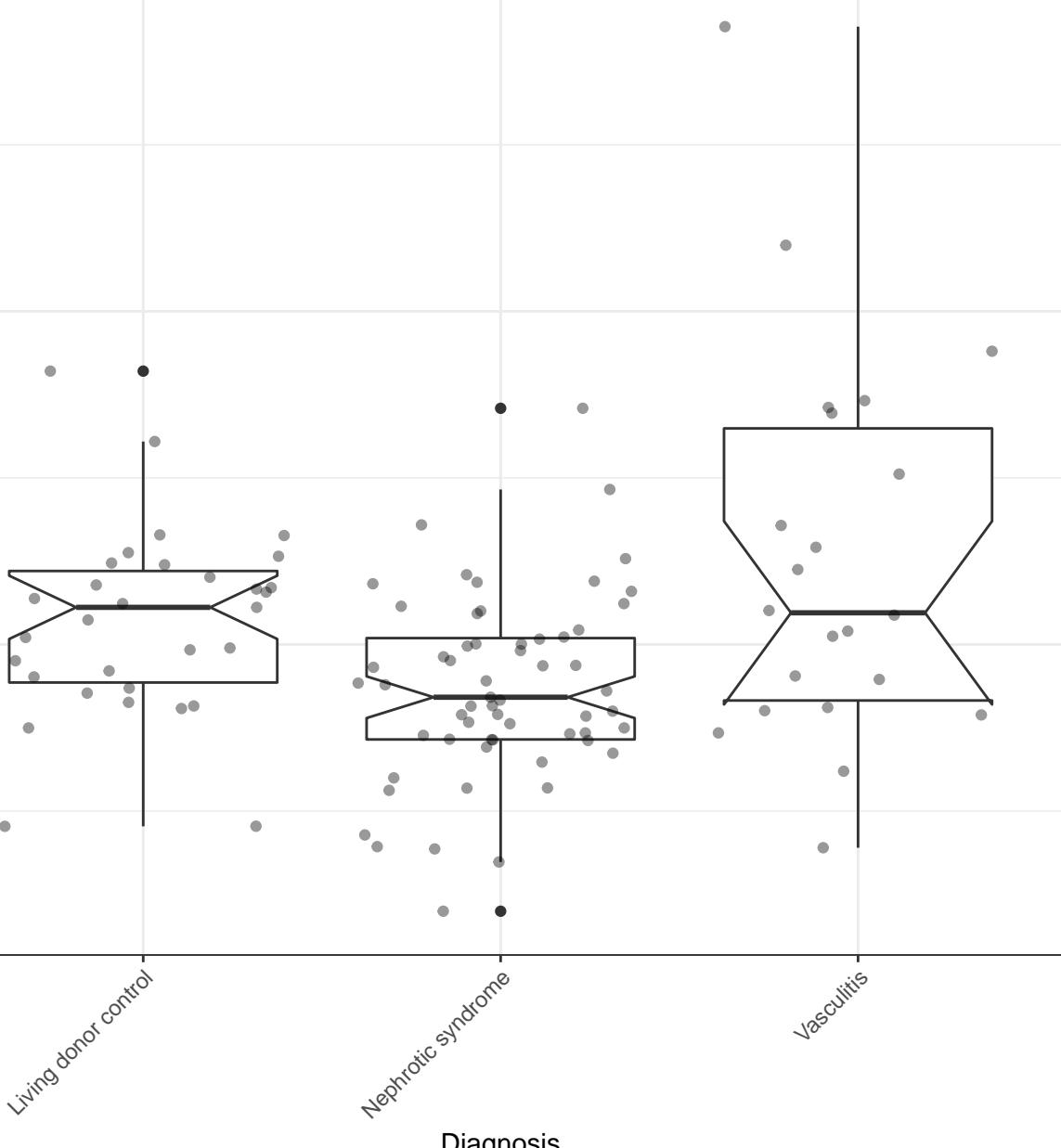
0.0

Living donor control

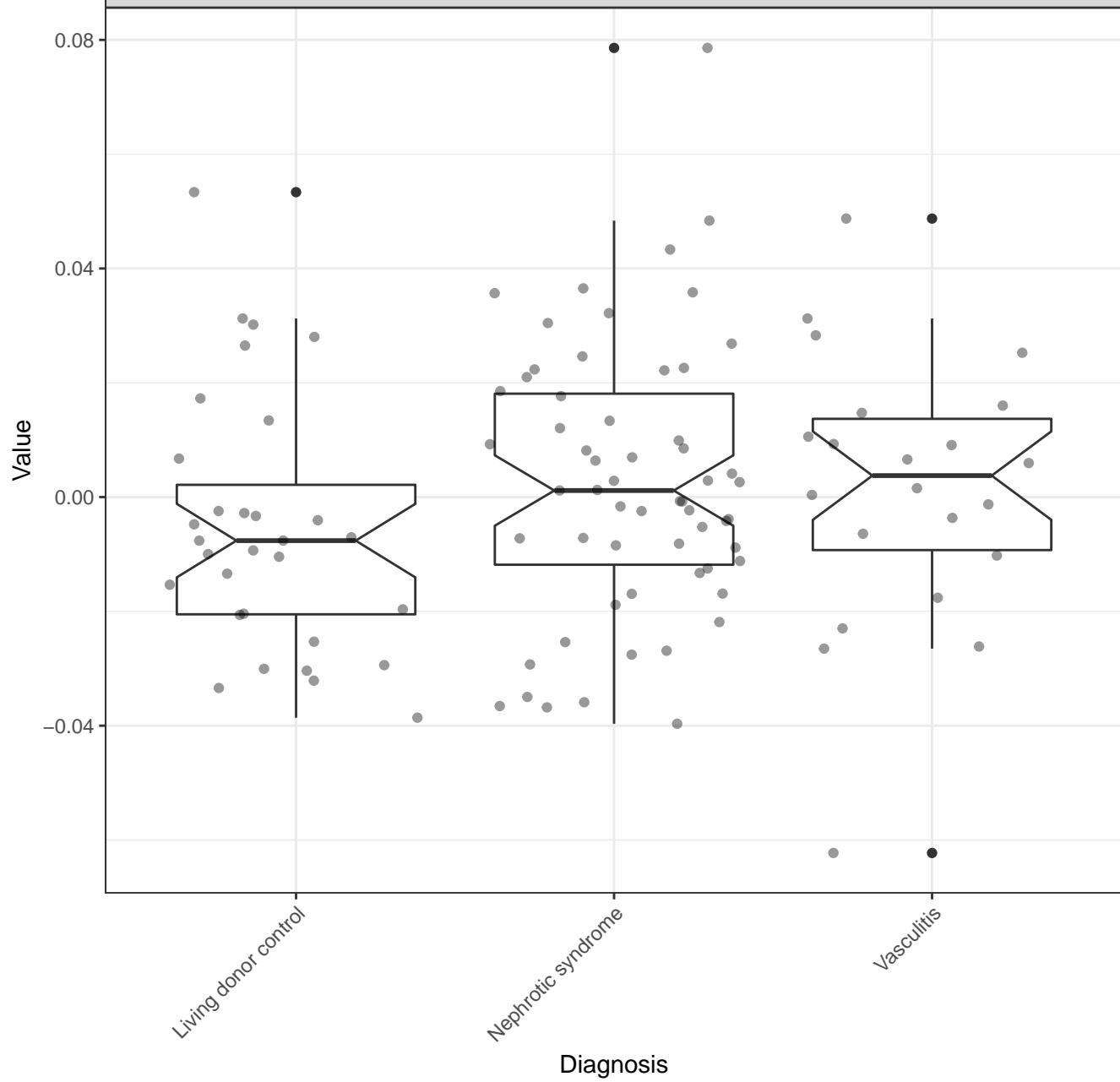
Nephrotic syndrome

Vasculitis

Diagnosis



## 24,REACTOME\_NFKB\_AND\_MAP\_KINASES\_ACTIVATION\_MEDIATED\_BY\_TLR4\_SIGNALING\_REPERTOIRE



LV 125

Value

0.04

0.00

-0.04

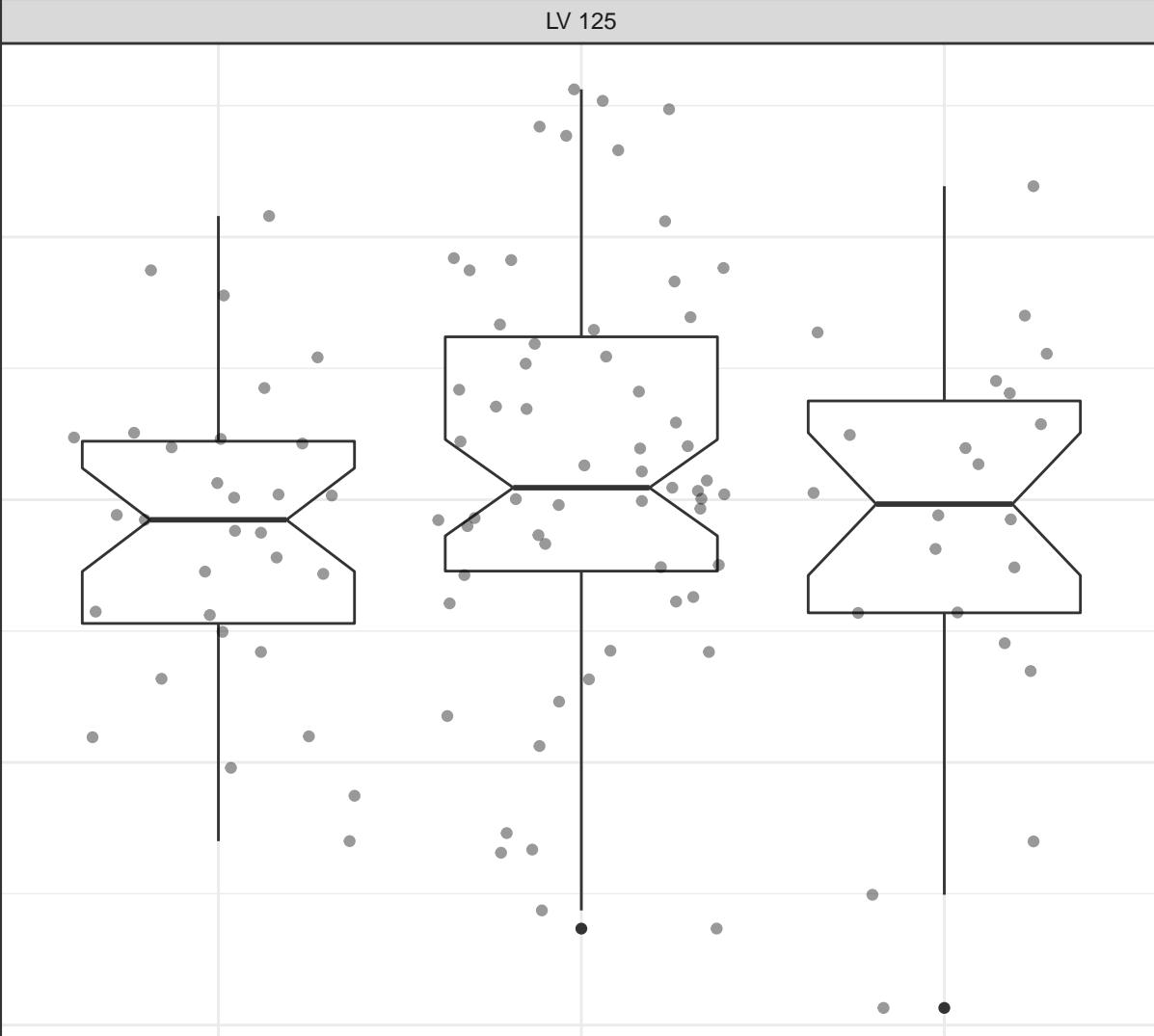
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

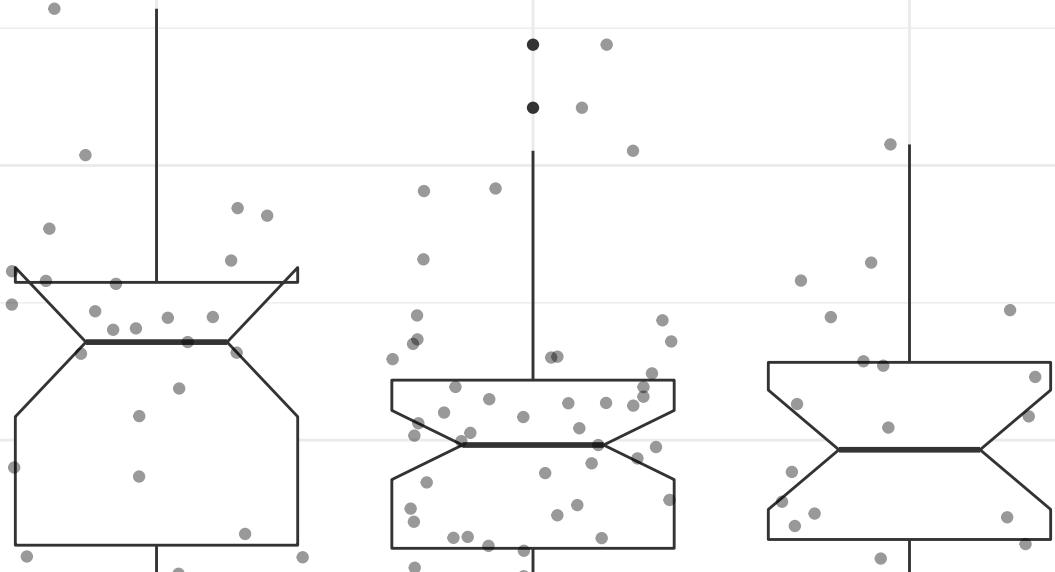
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

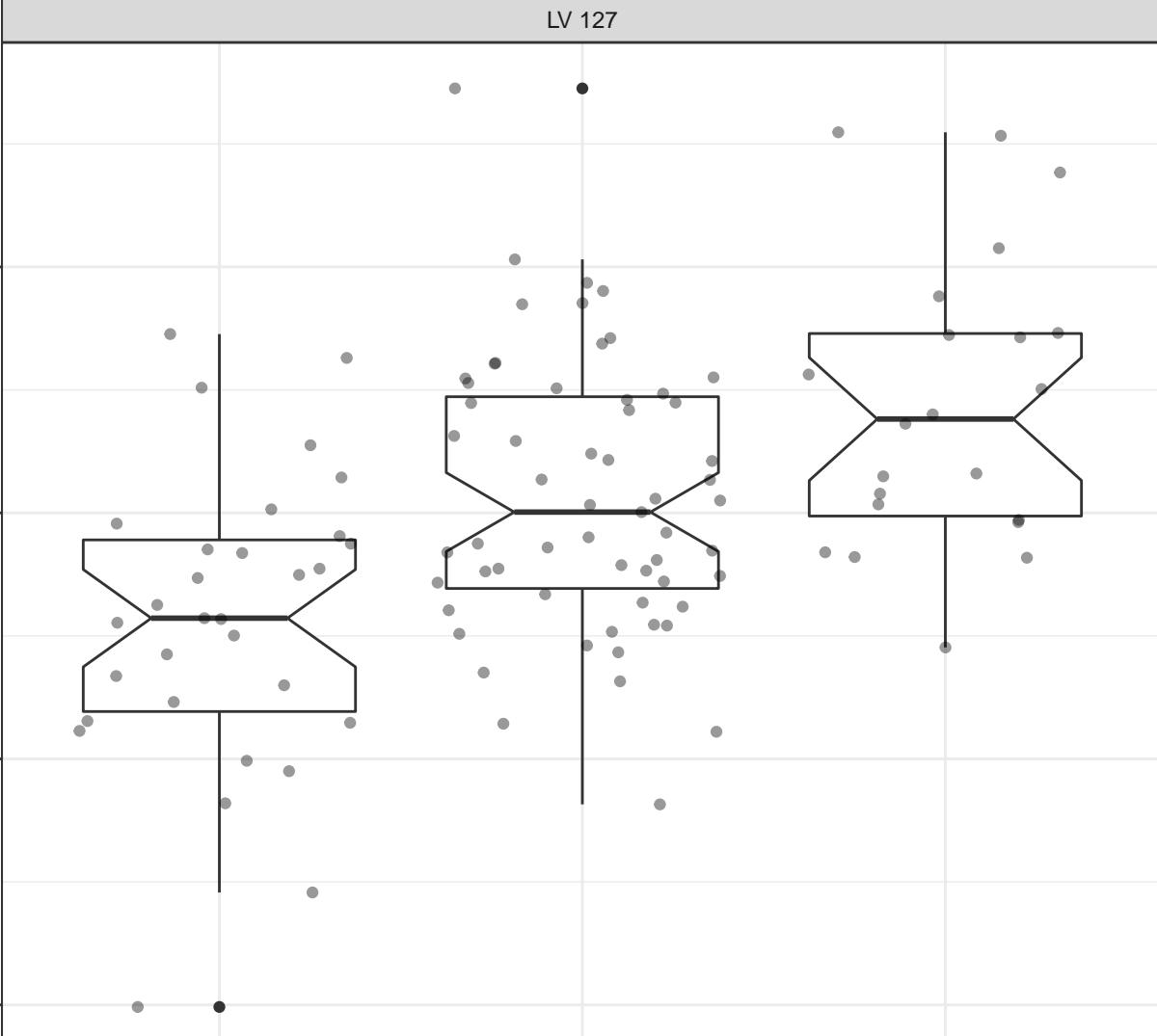
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

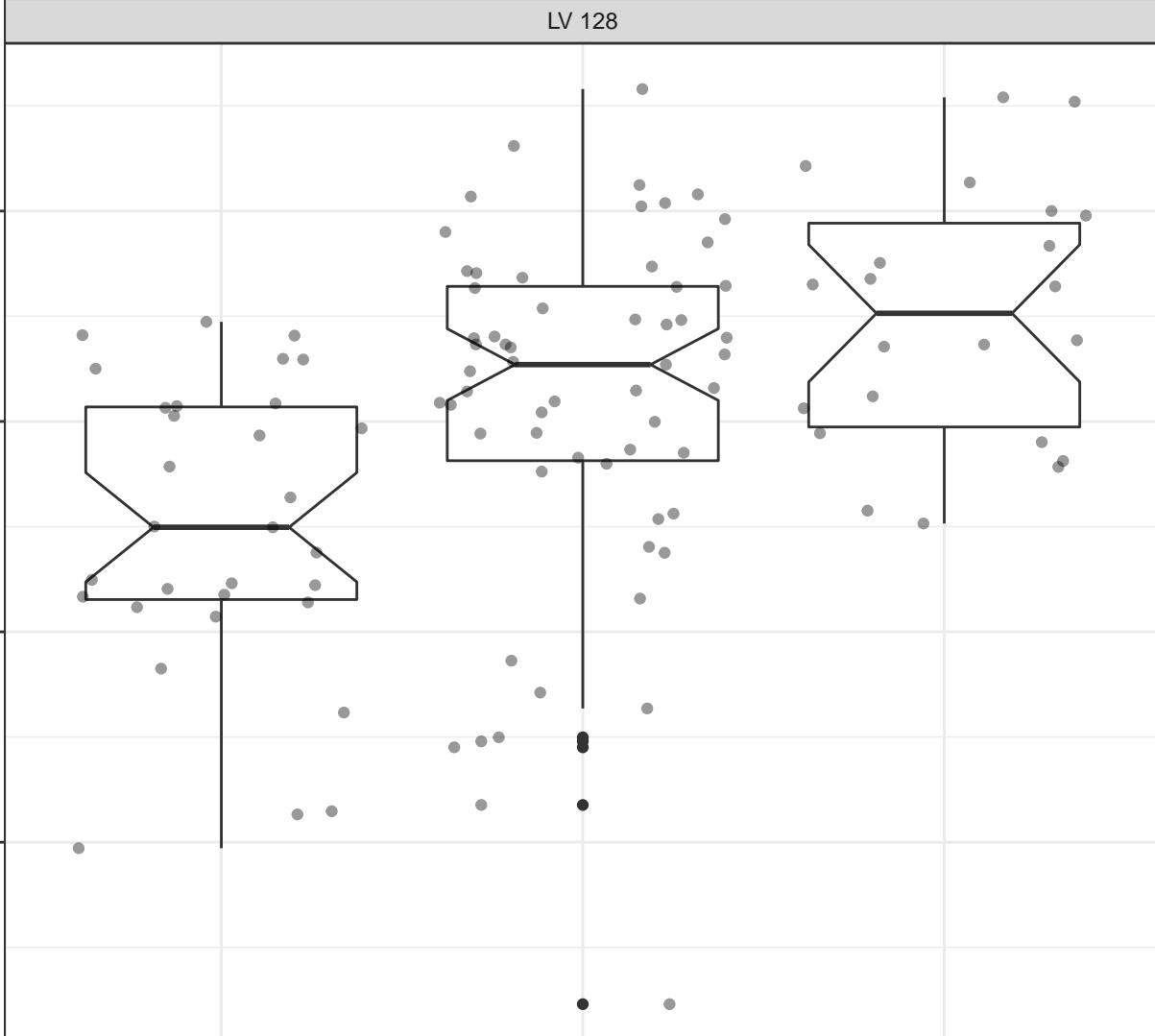
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

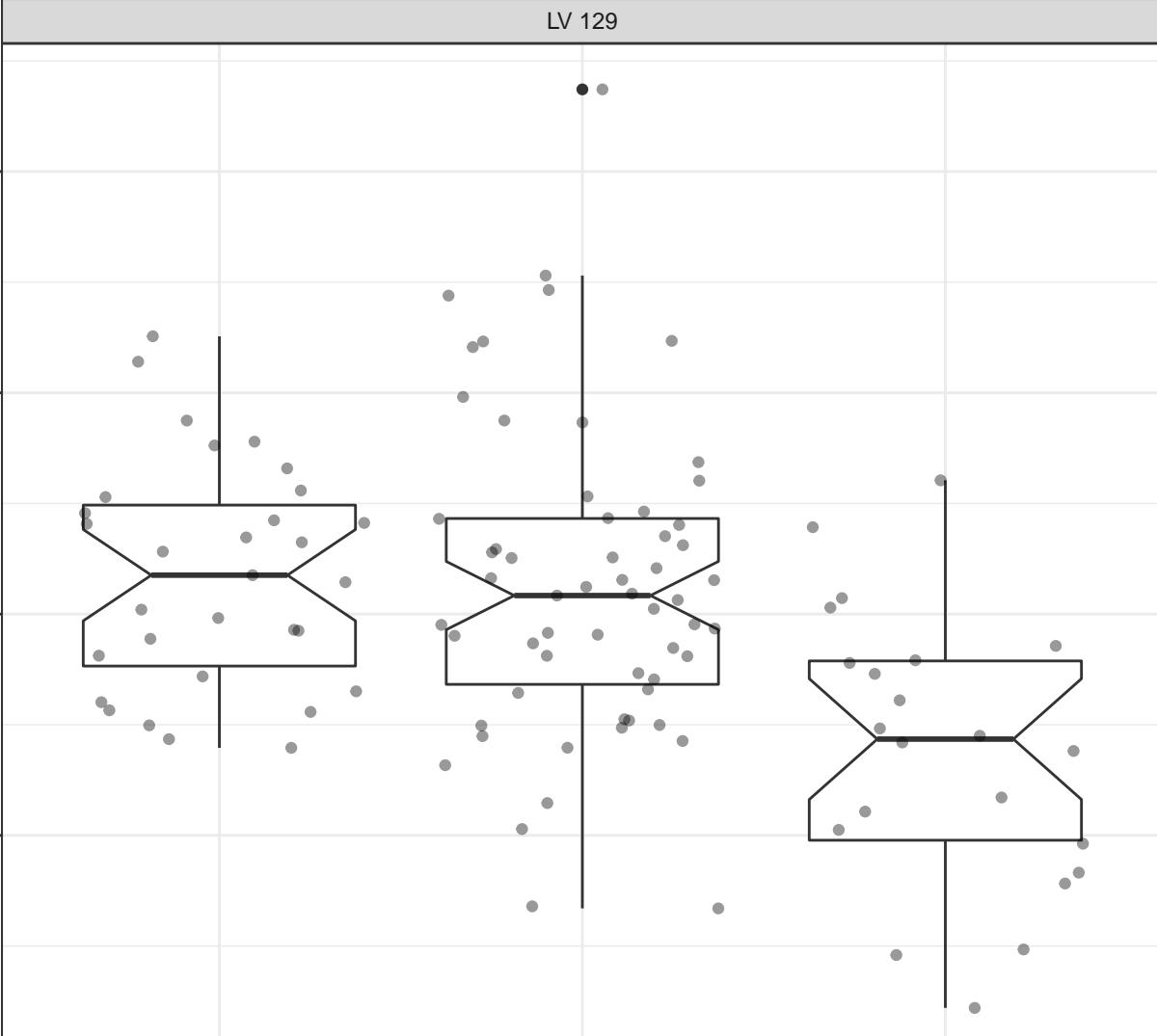
-0.05

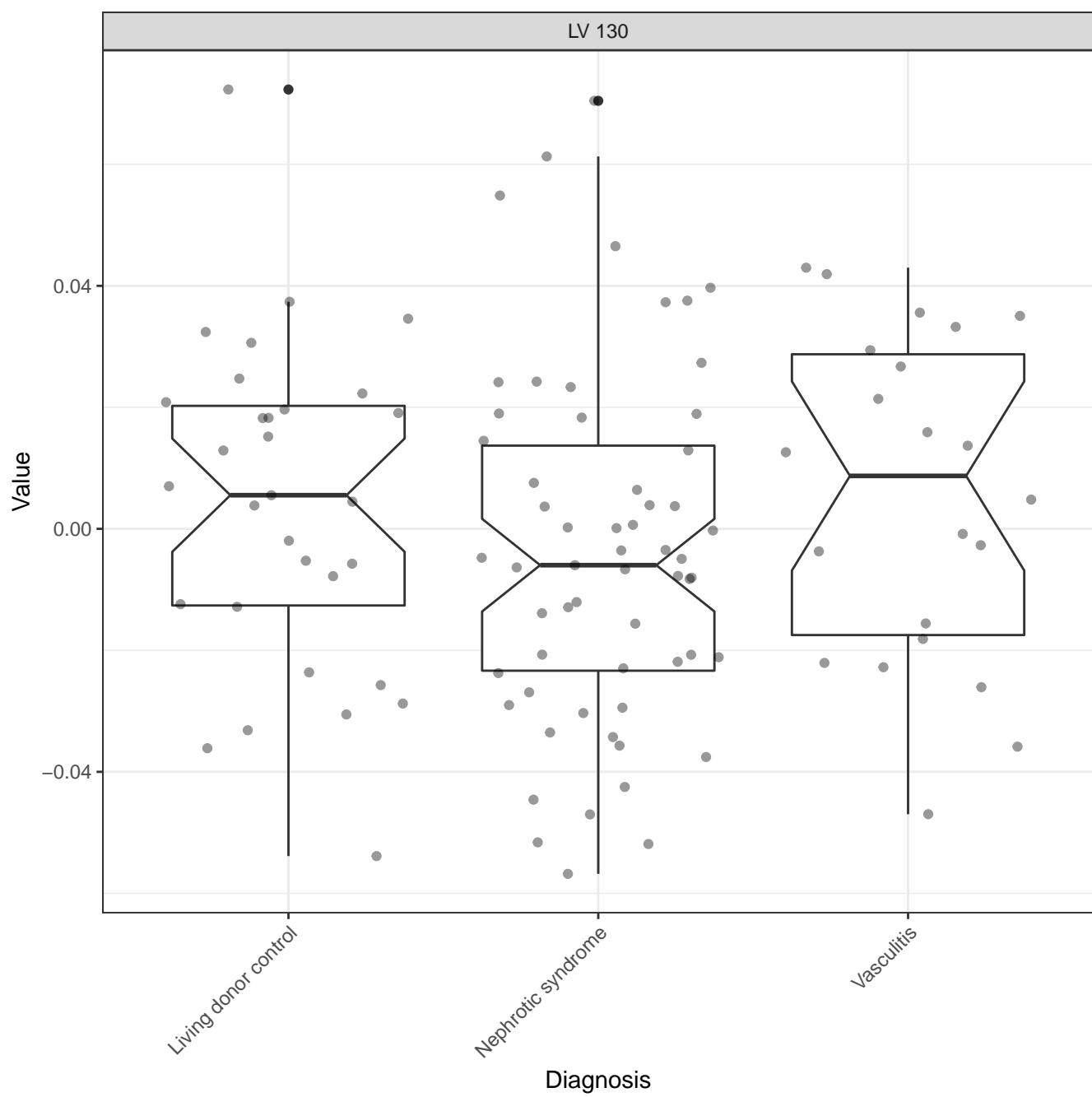
Living donor control

Nephrotic syndrome

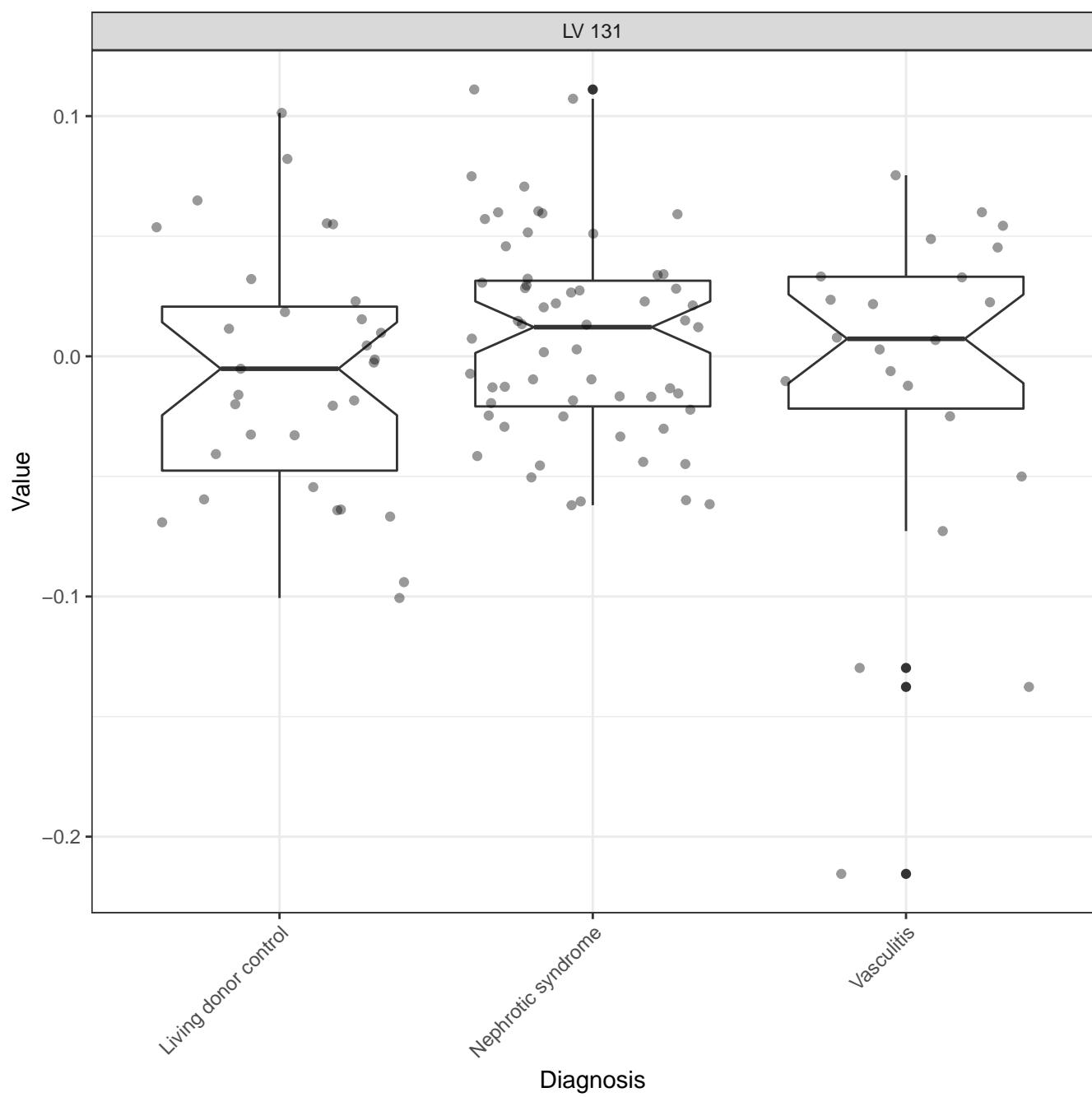
Vasculitis

Diagnosis





LV 131



Value

0.04

0.00

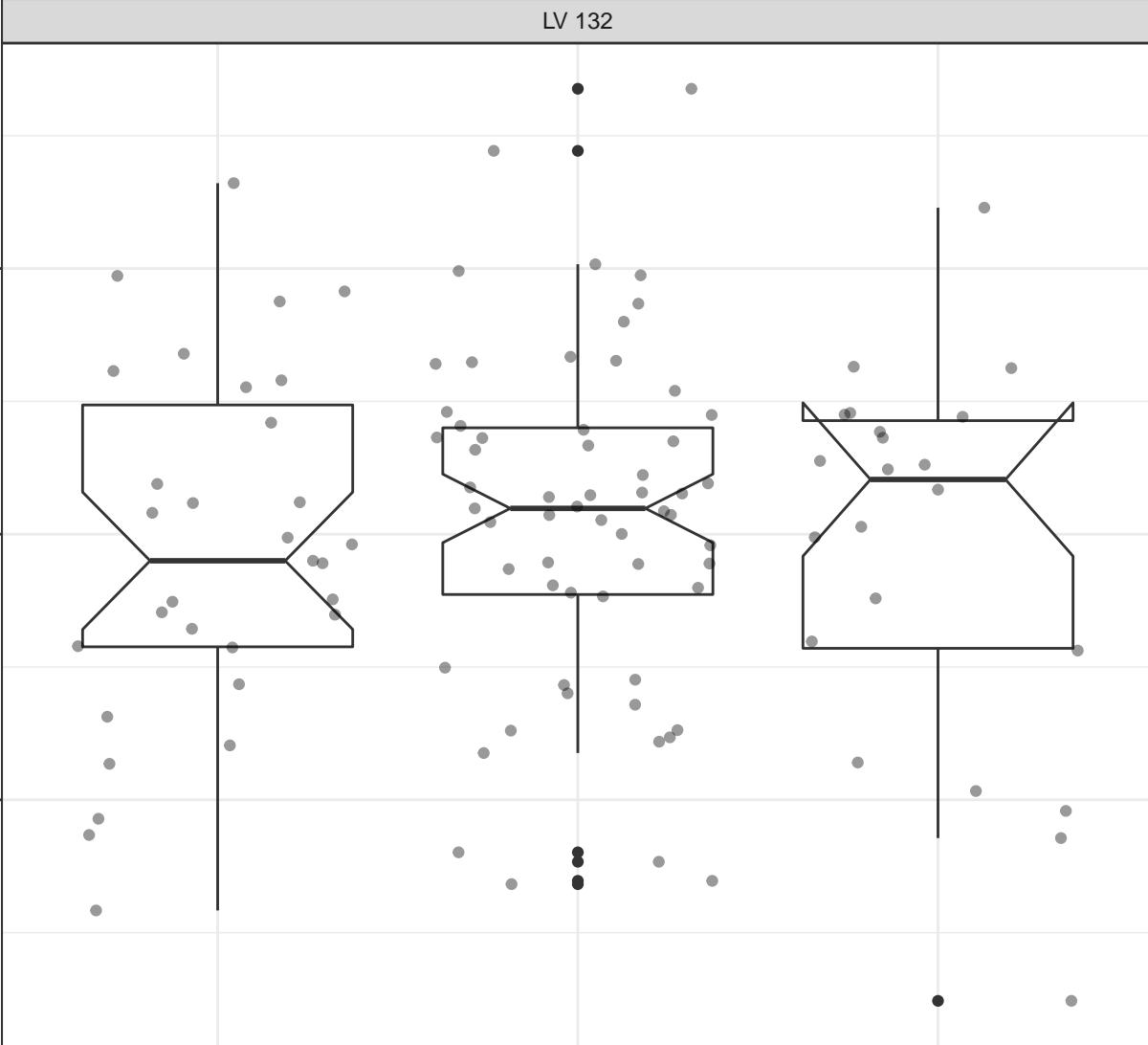
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 133

Value

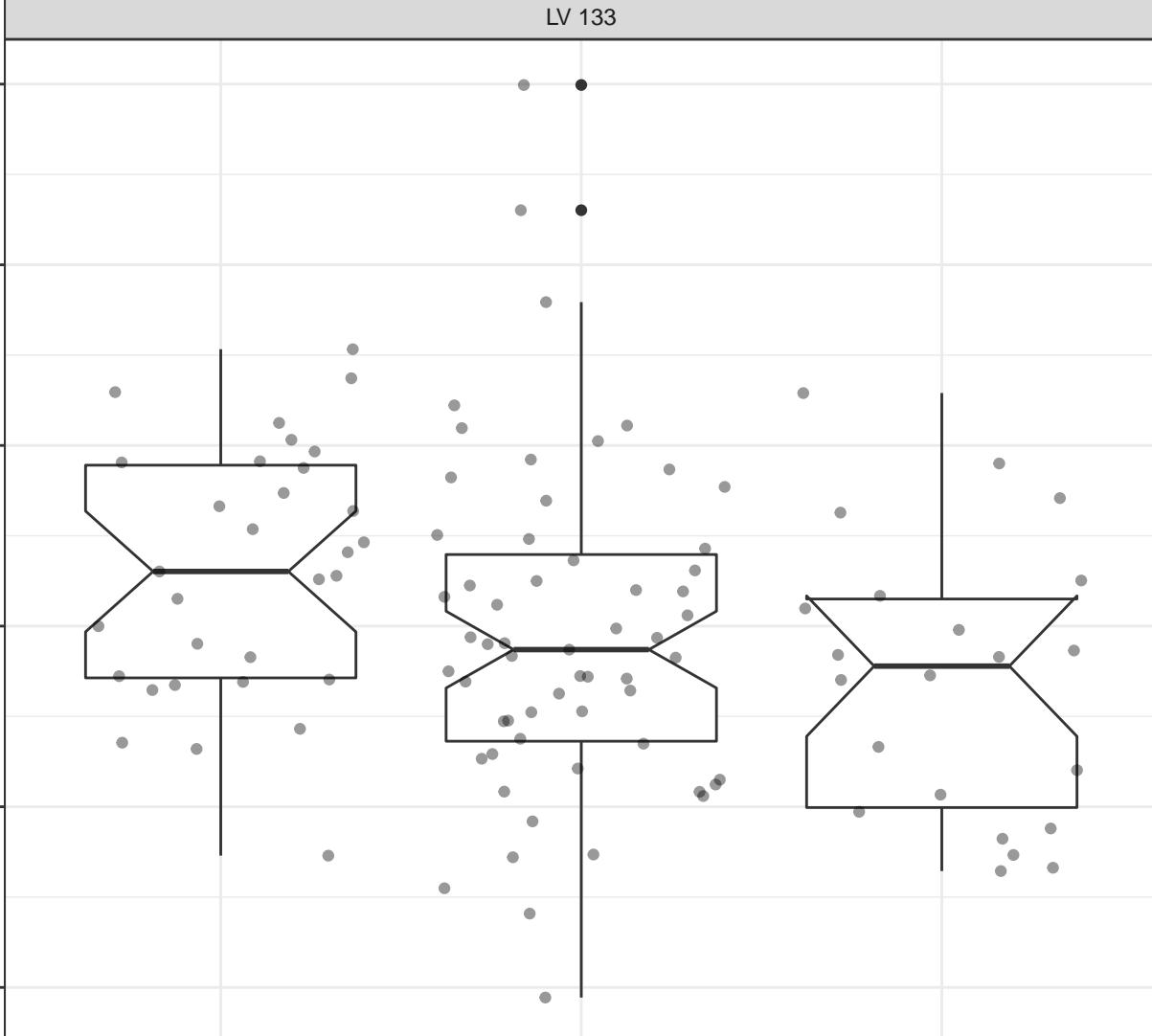
0.15  
0.10  
0.05  
0.00  
-0.05  
-0.10

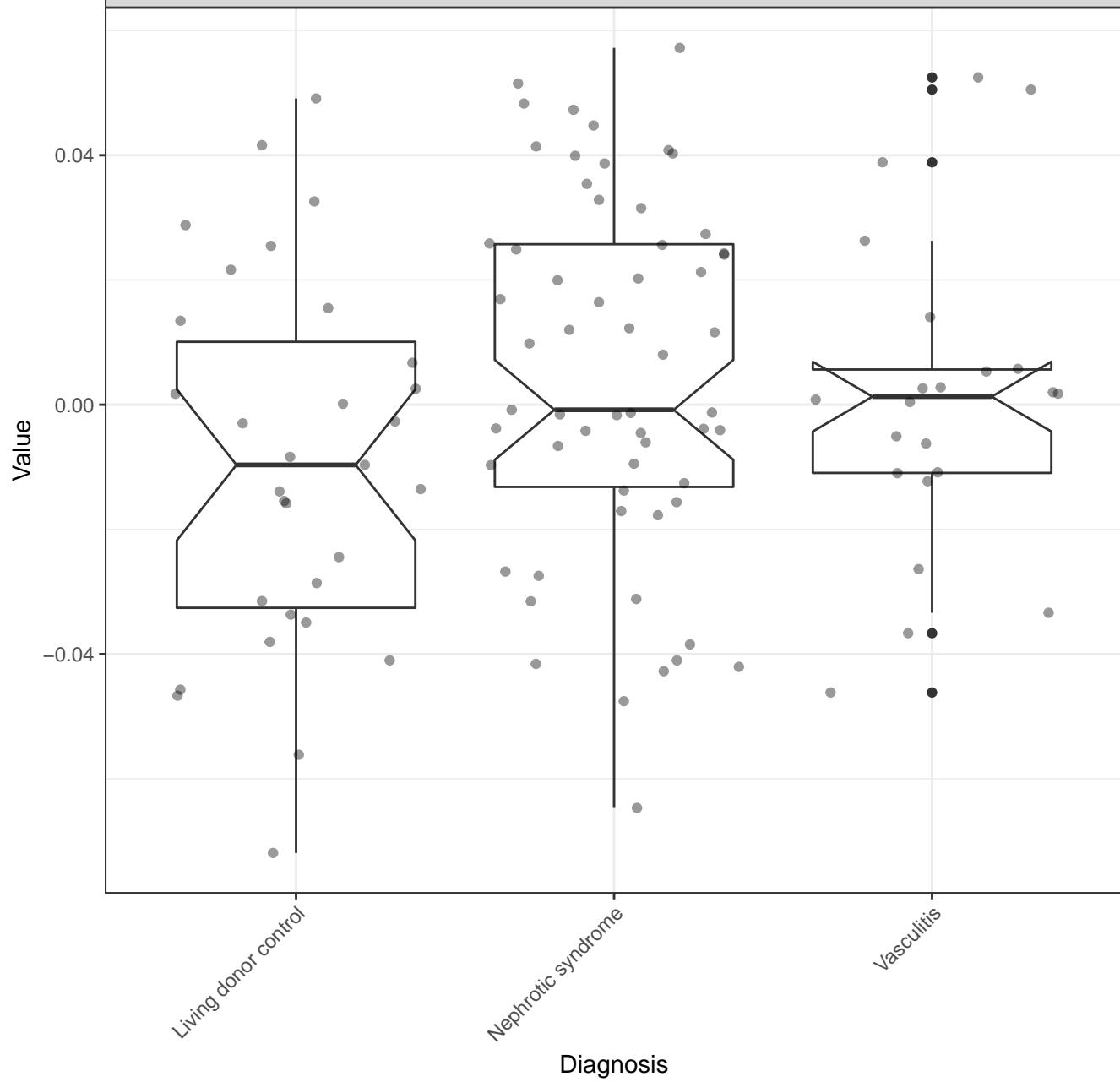
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 135

Value

0.10

0.05

0.00

-0.05

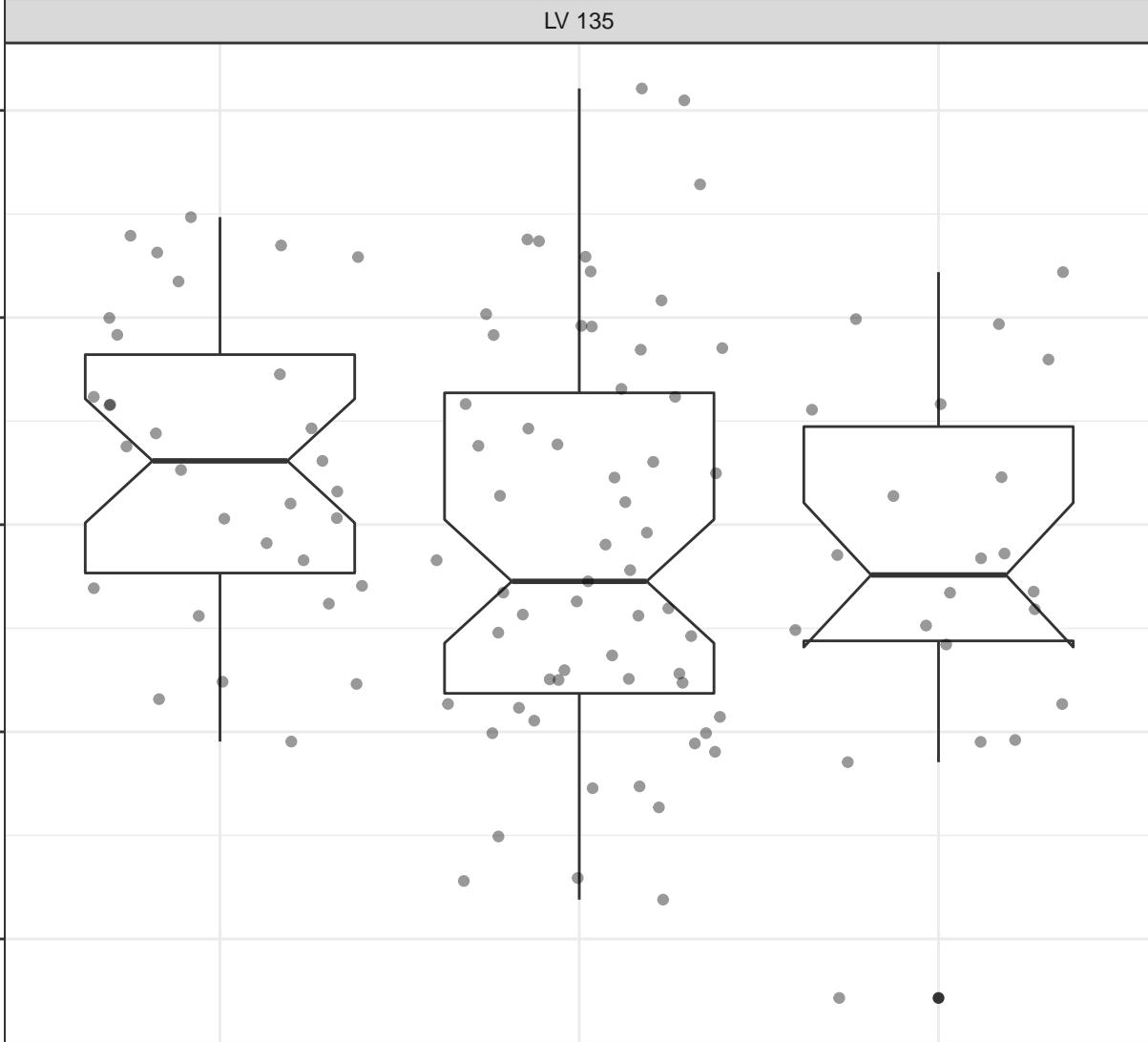
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 136,PID\_INTEGRIN1\_PATHWAY

Value

0.2

0.1

0.0

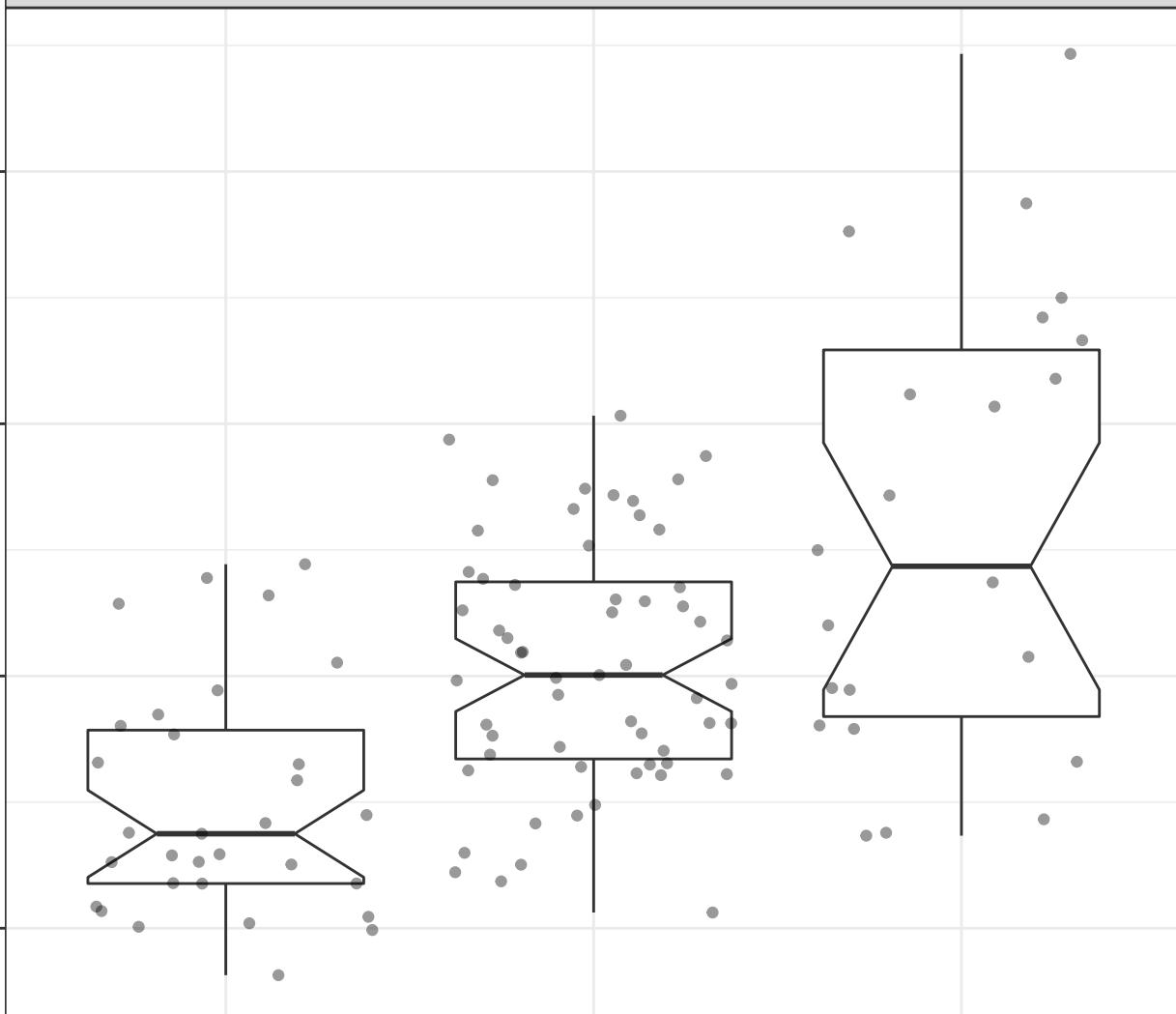
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

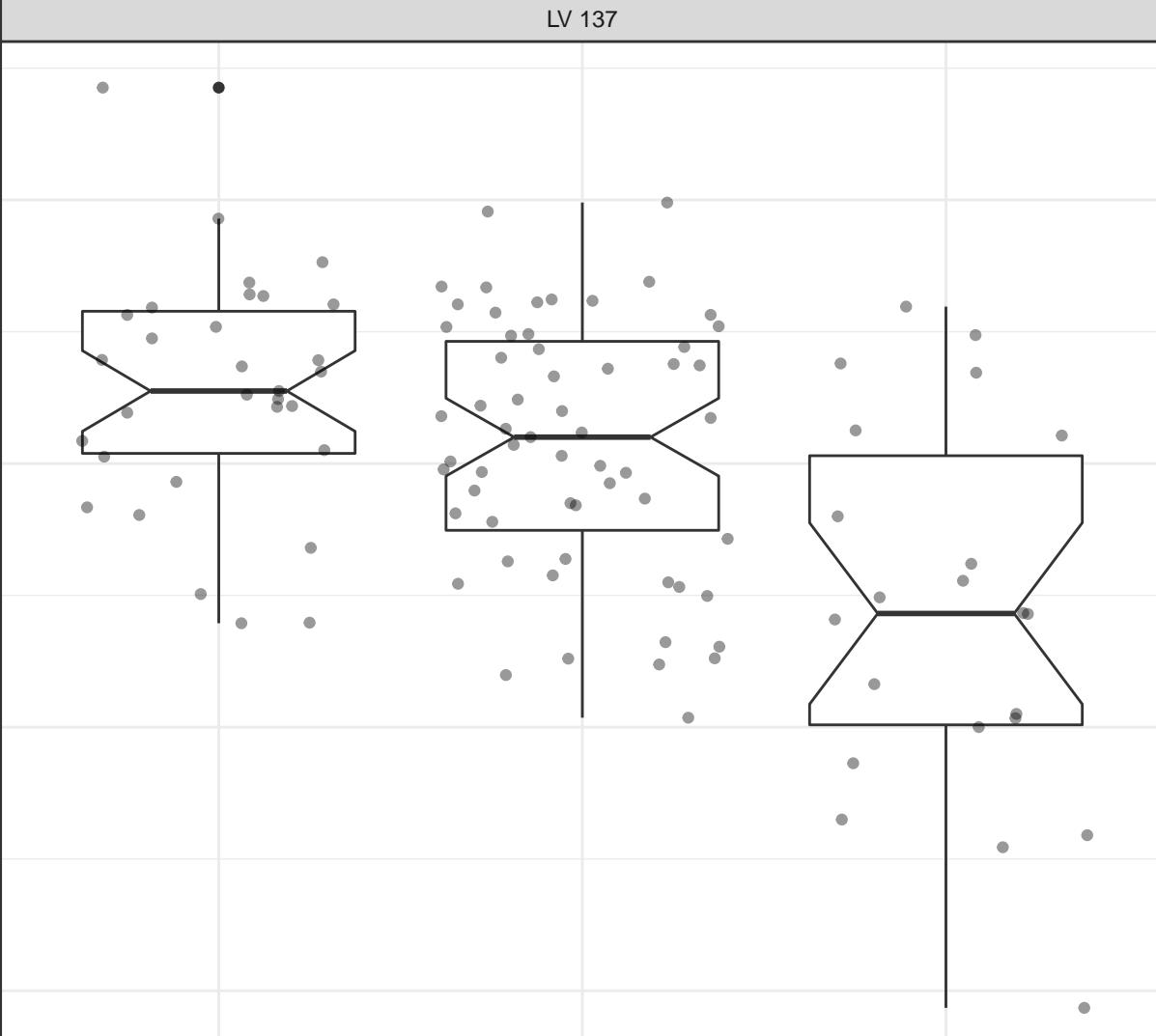
-0.10

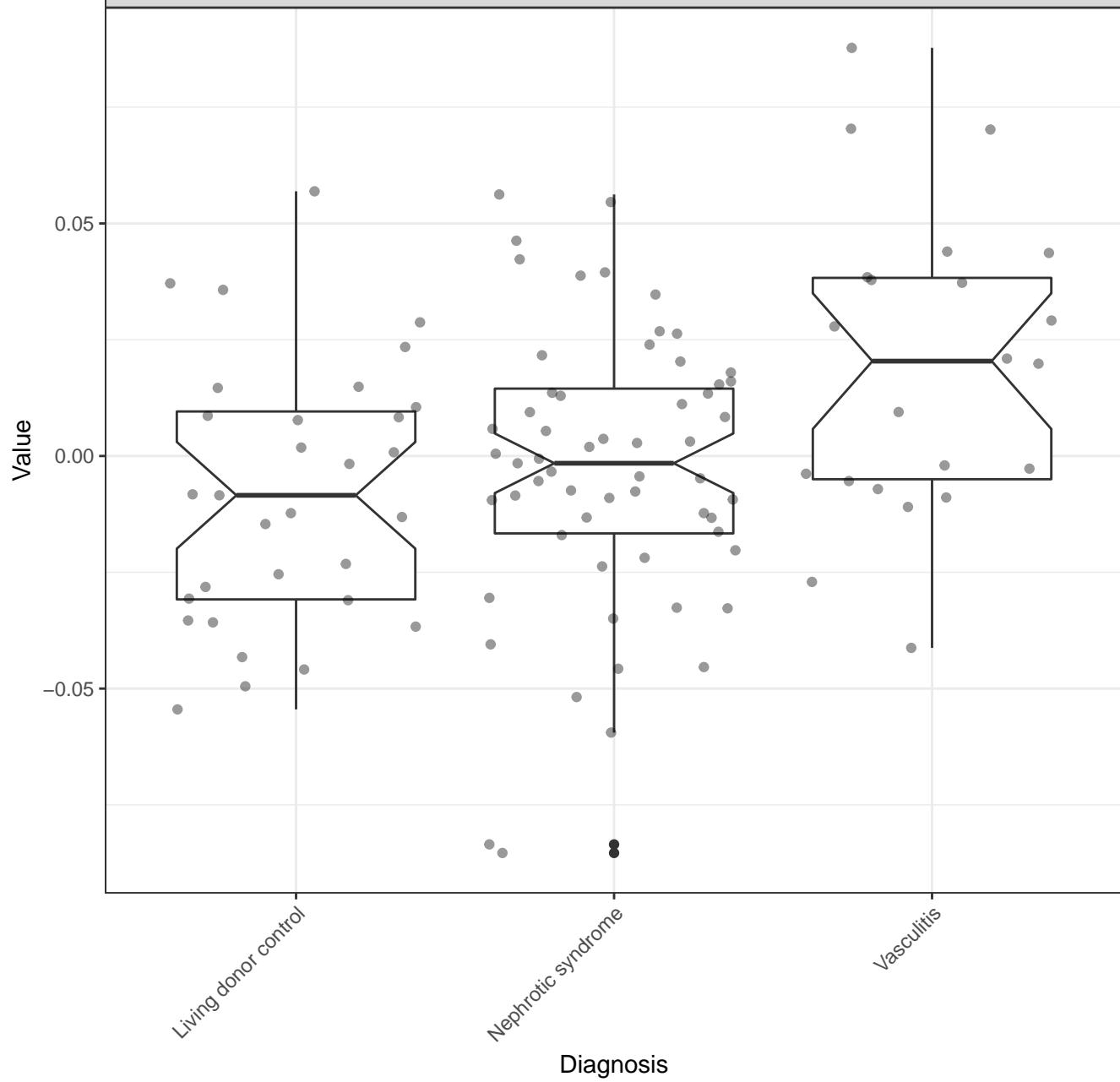
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.05

0.00

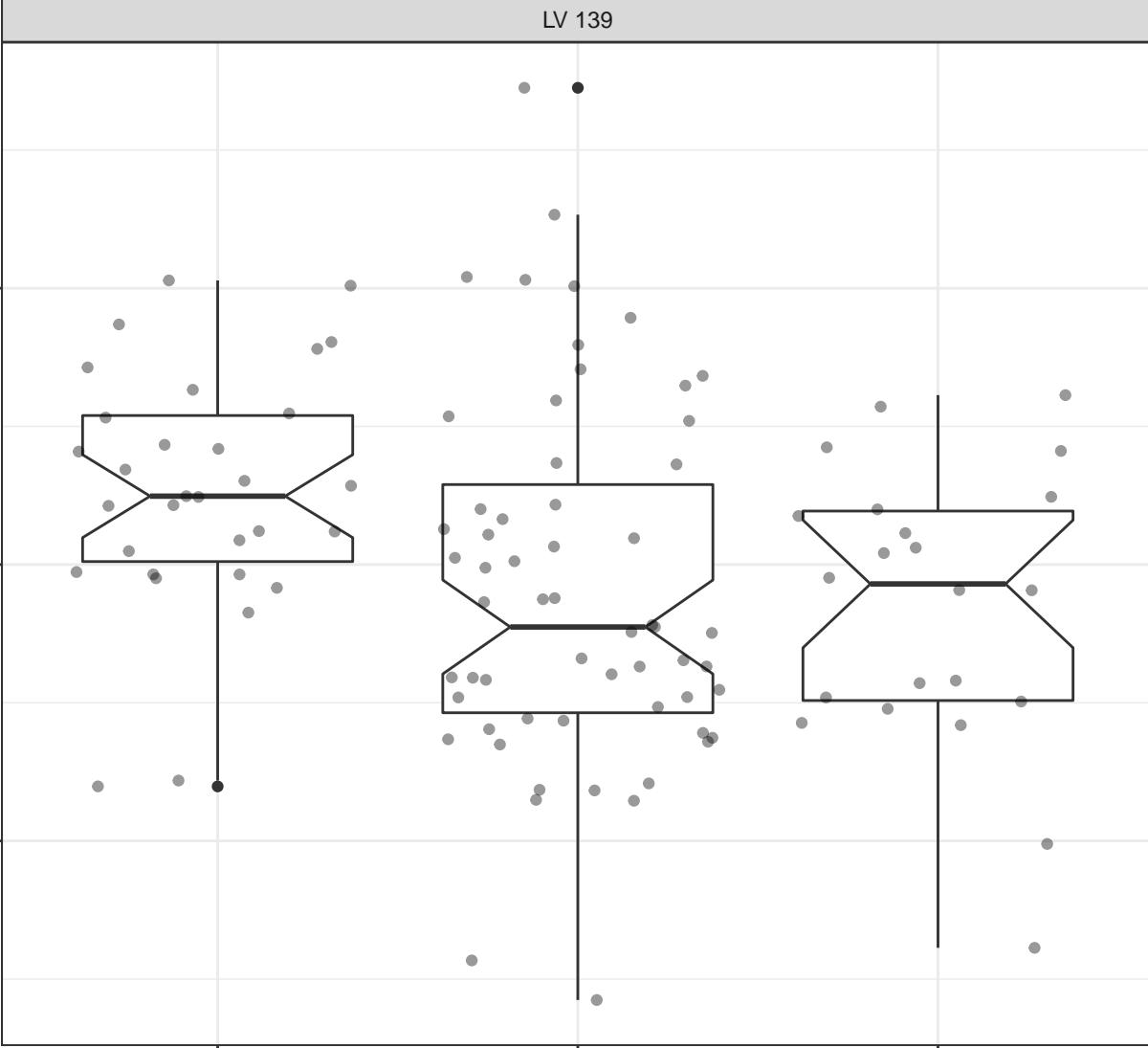
-0.05

Living donor control

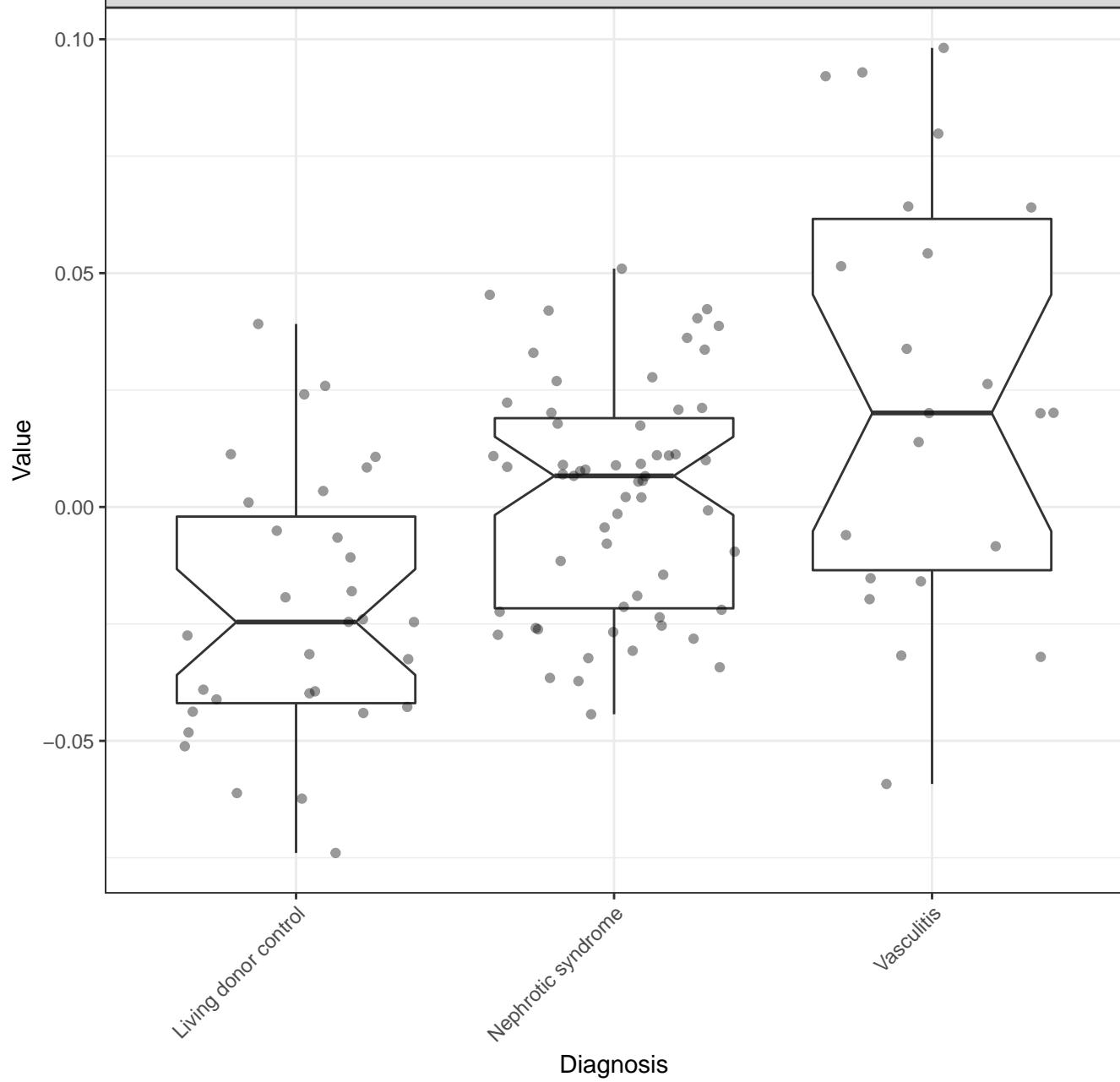
Nephrotic syndrome

Vasculitis

Diagnosis



# 140,REACTOME\_INTERFERON\_GAMMA\_SIGNALING



Value

0.04

0.00

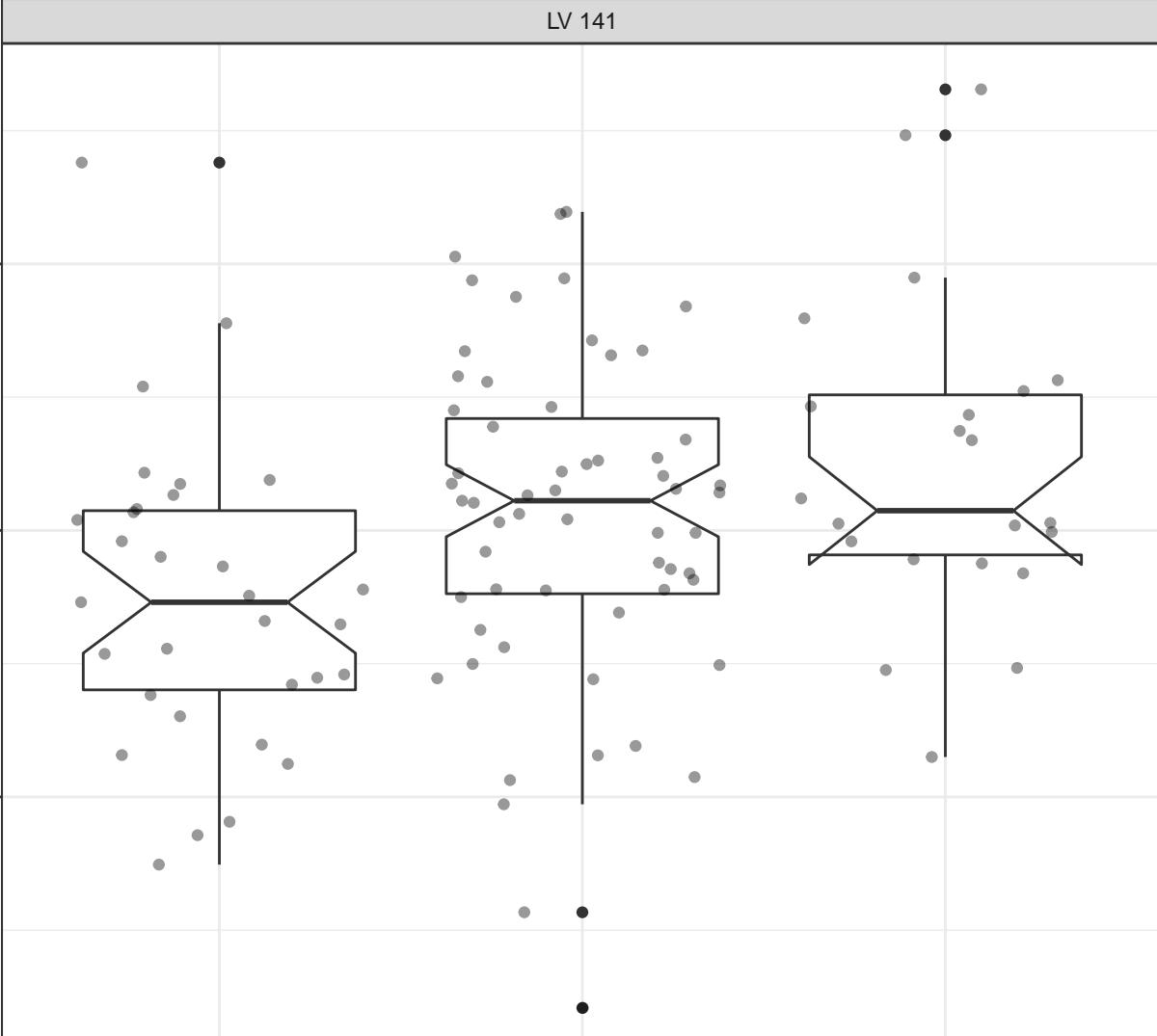
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

-0.05

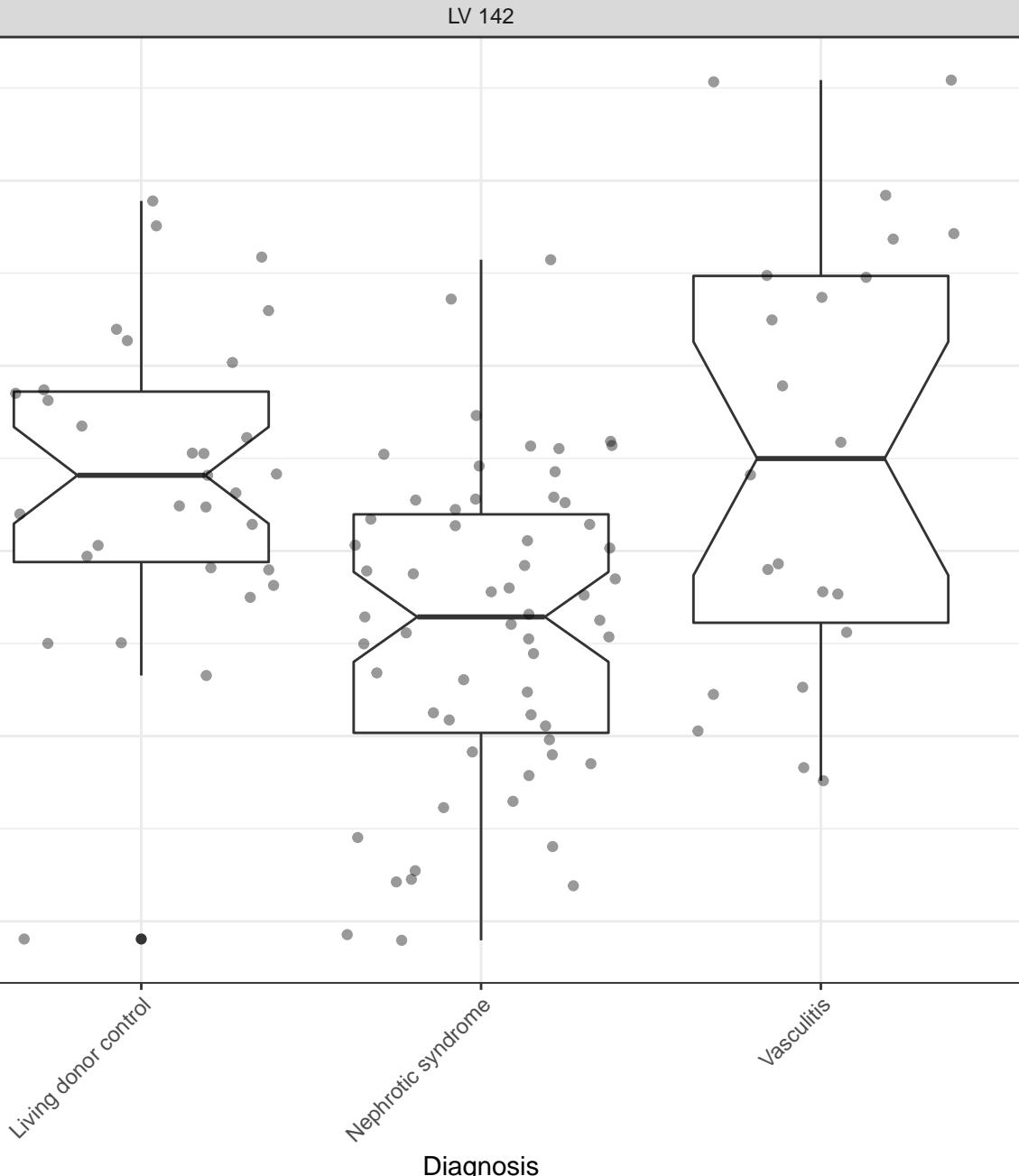
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 143

Value

0.10

0.05

0.00

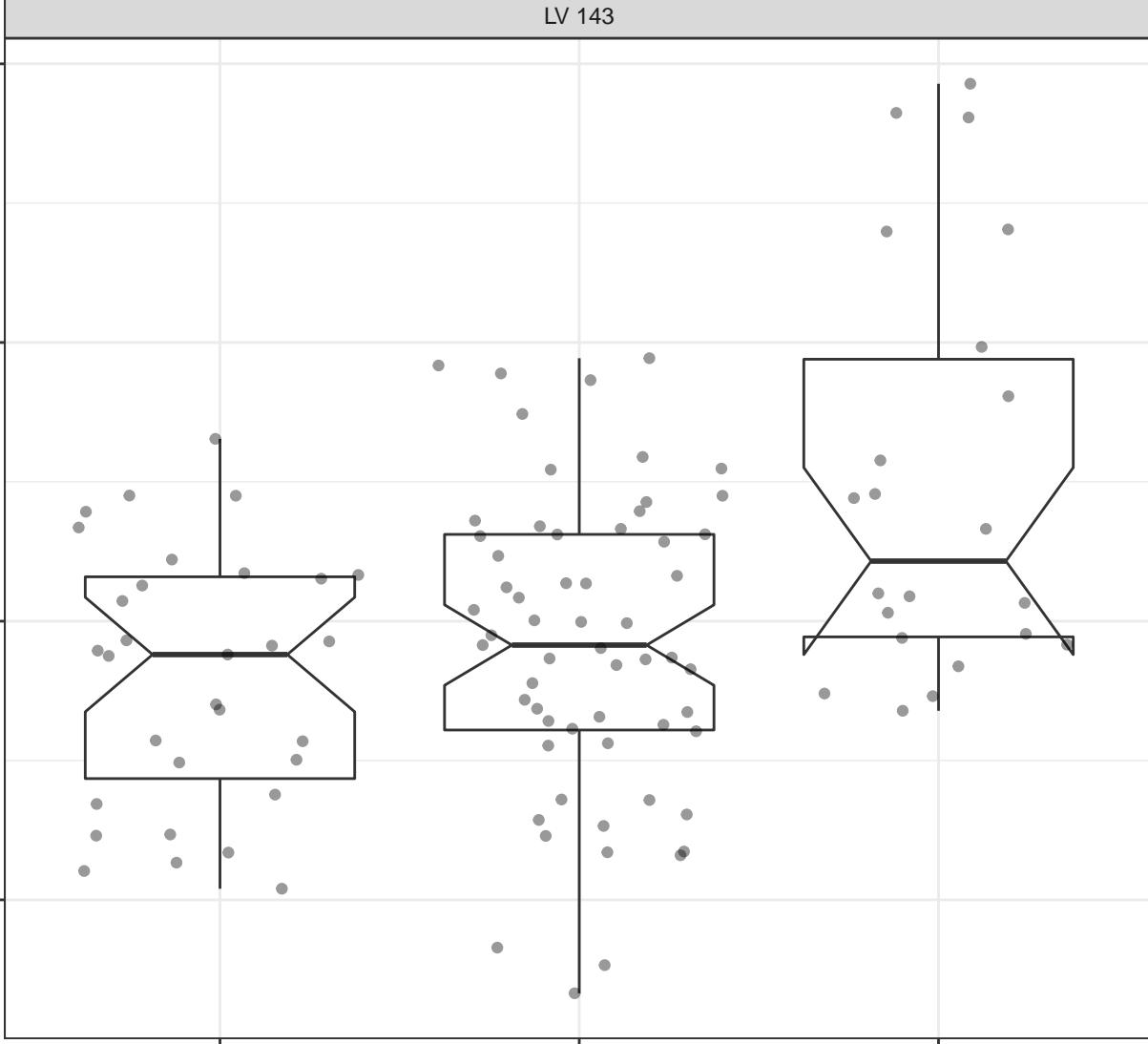
-0.05

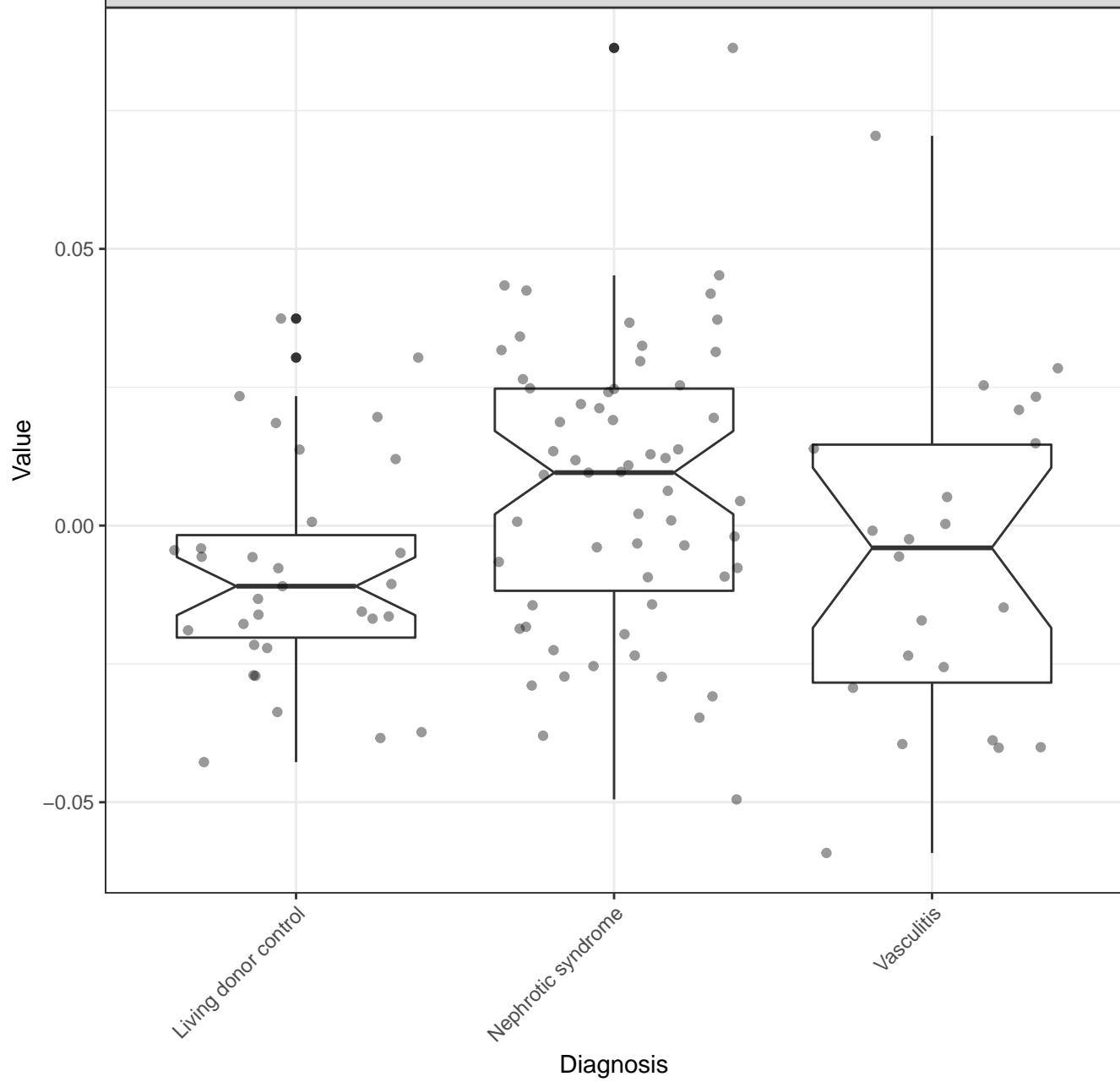
Living donor control

Nephrotic syndrome

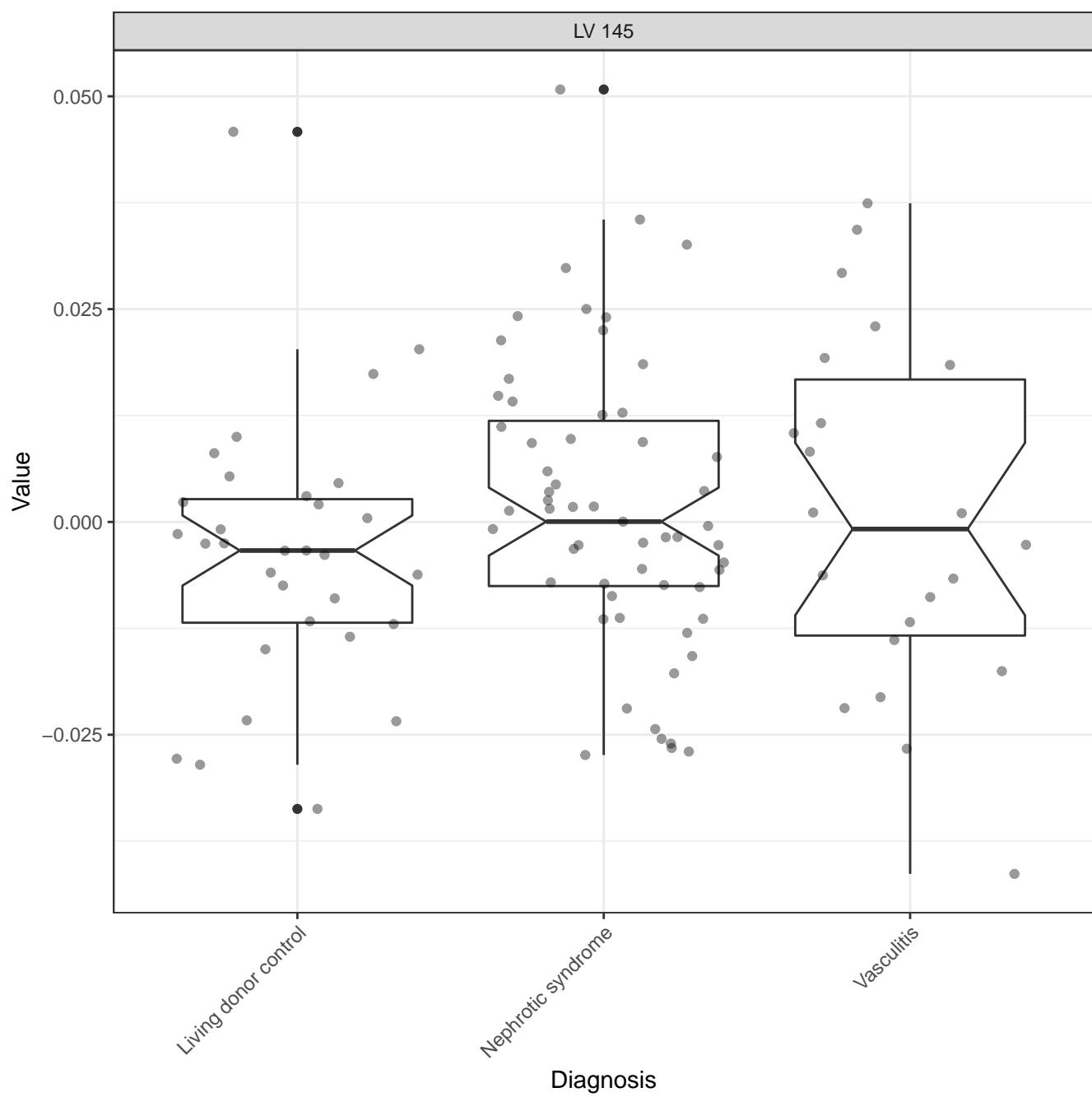
Vasculitis

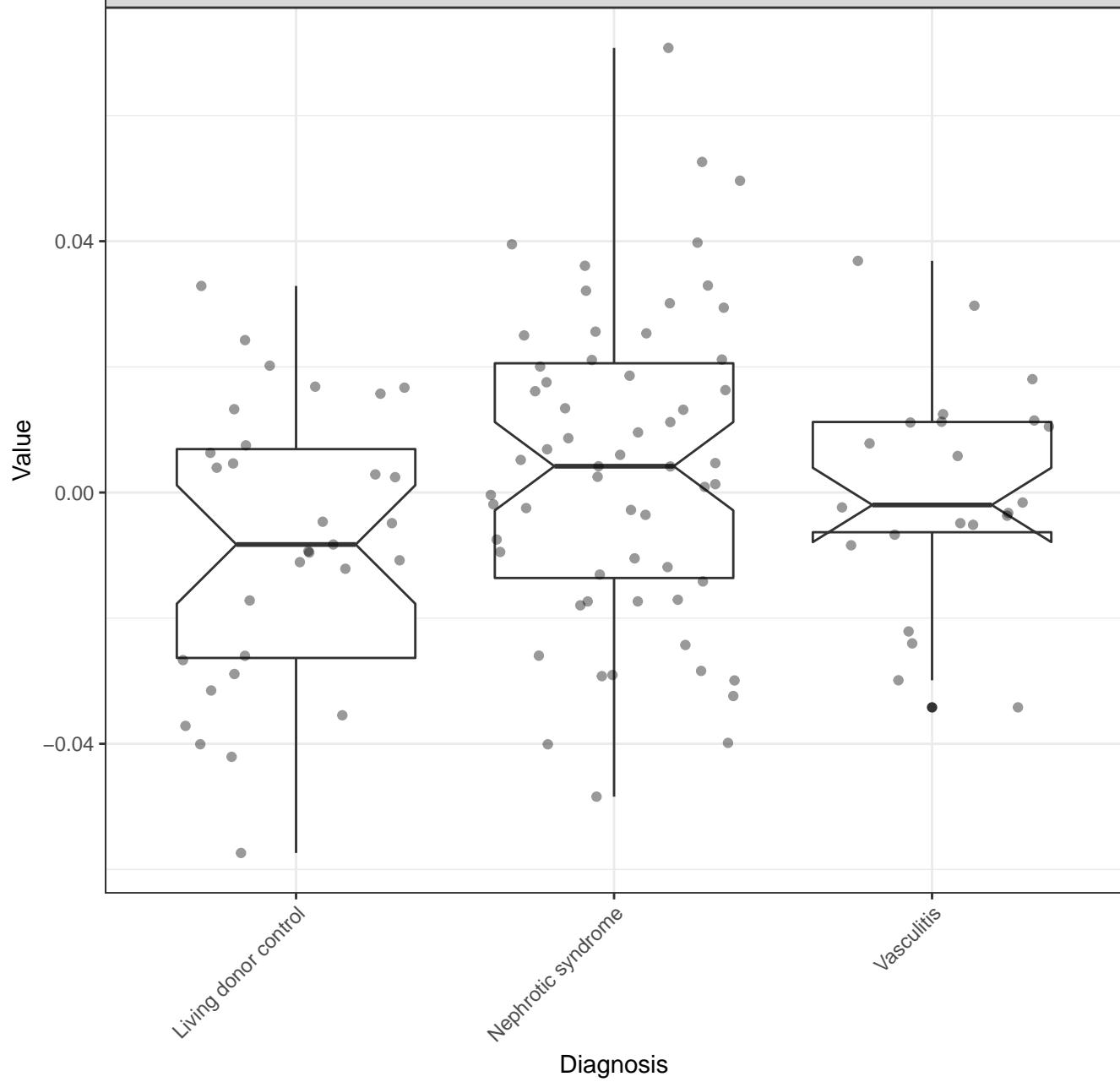
Diagnosis

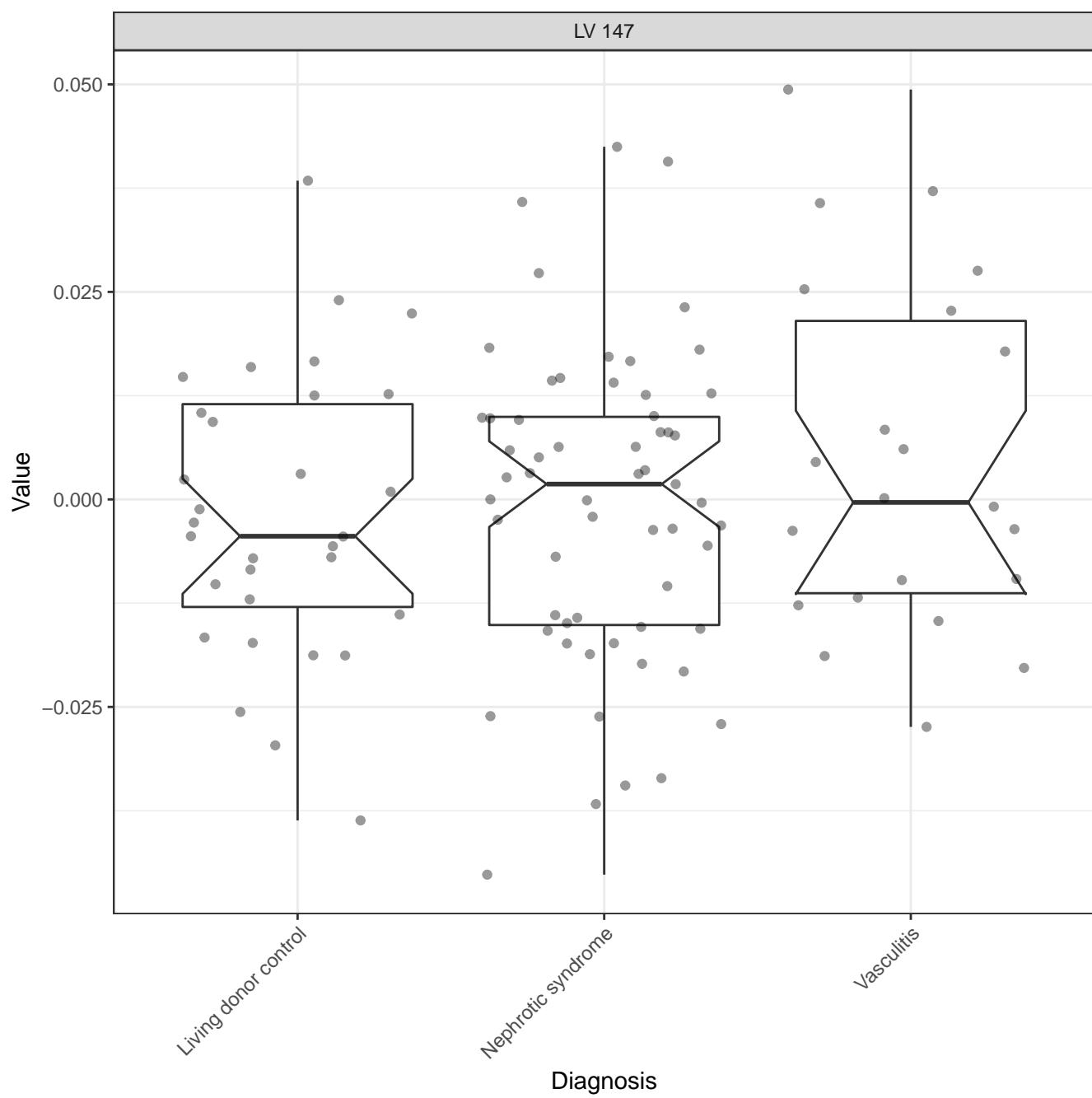




LV 145







LV 148

Value

0.08

0.04

0.00

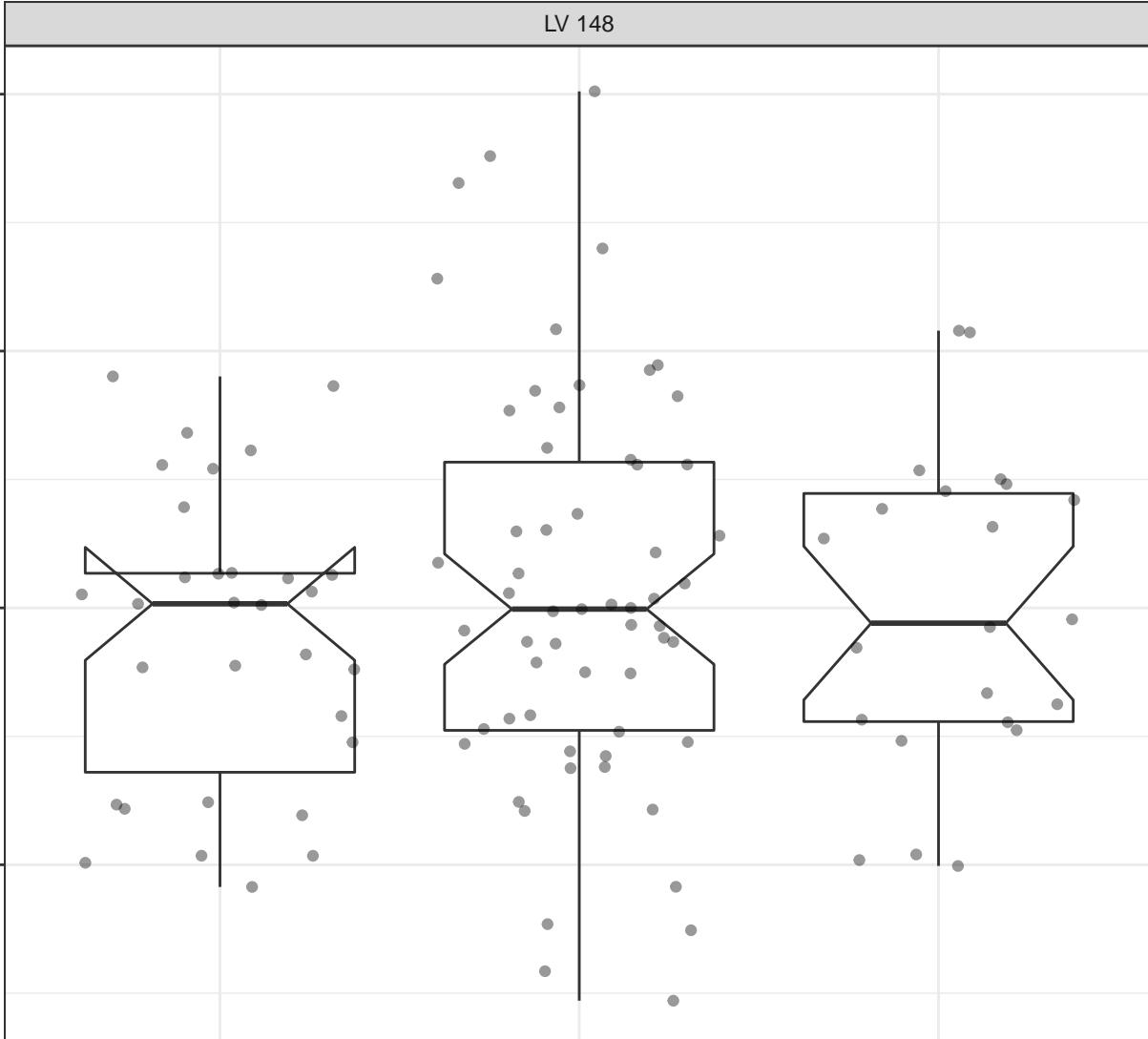
-0.04

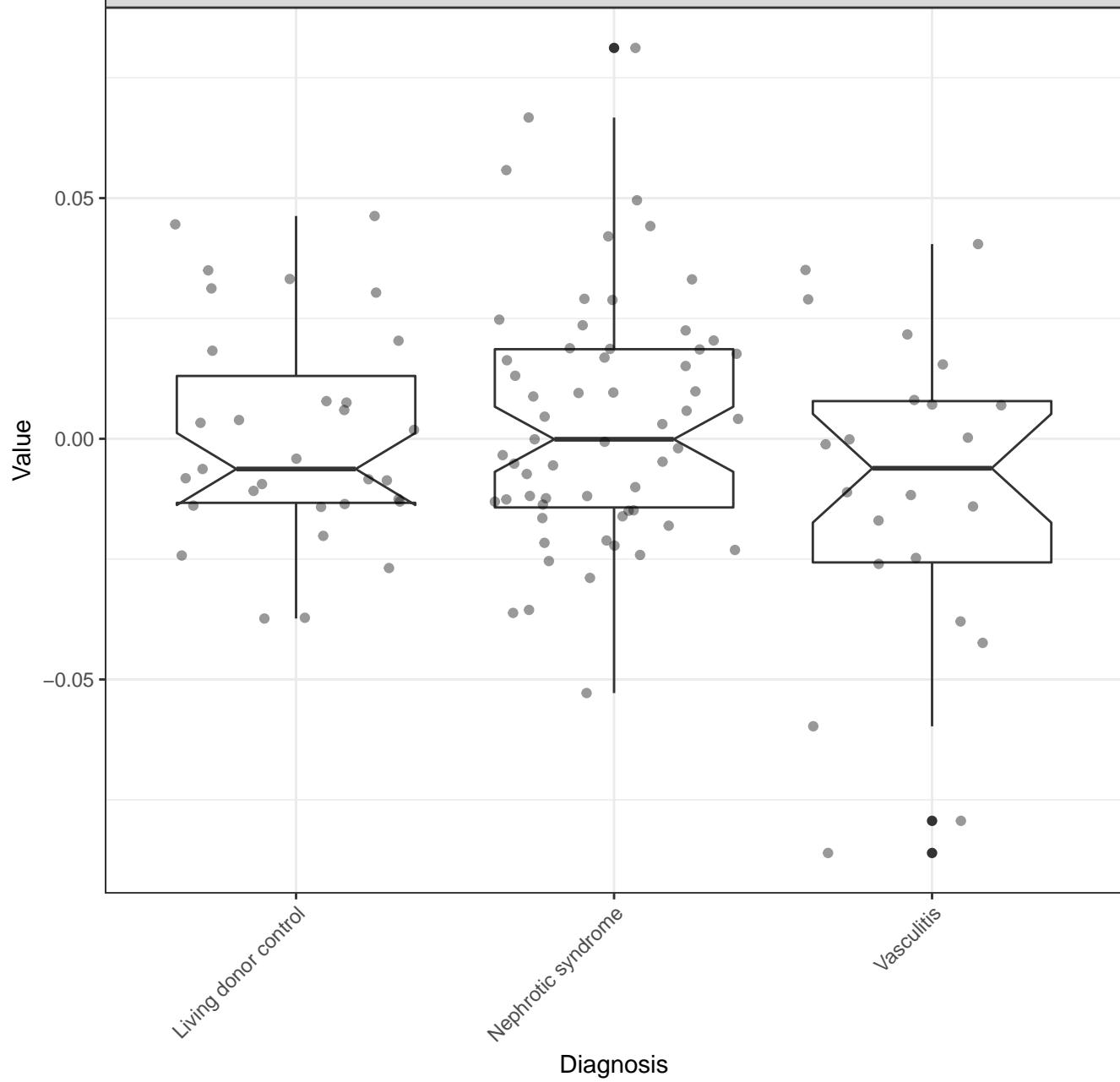
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 150

Value

0.04

0.01

-0.04

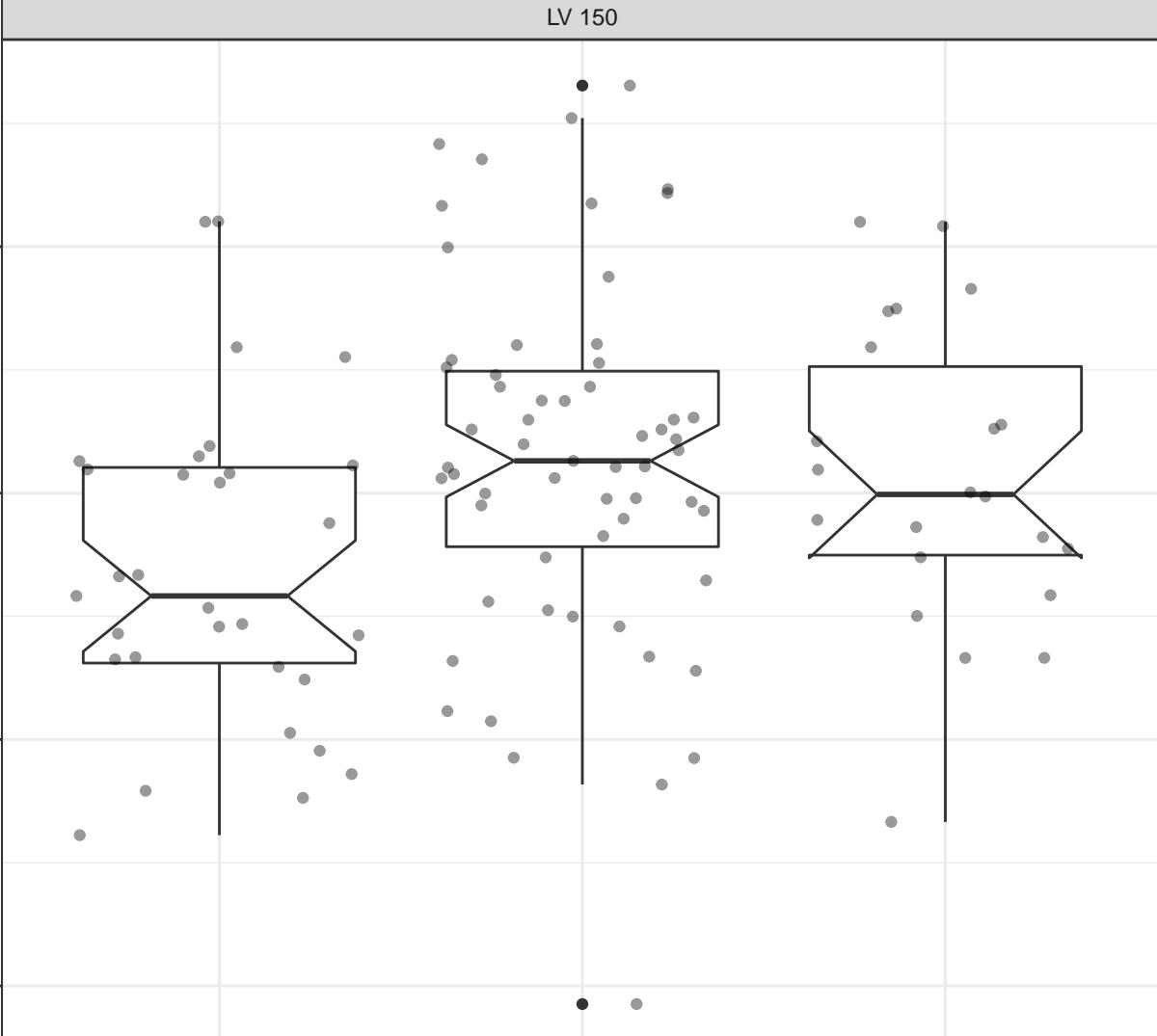
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

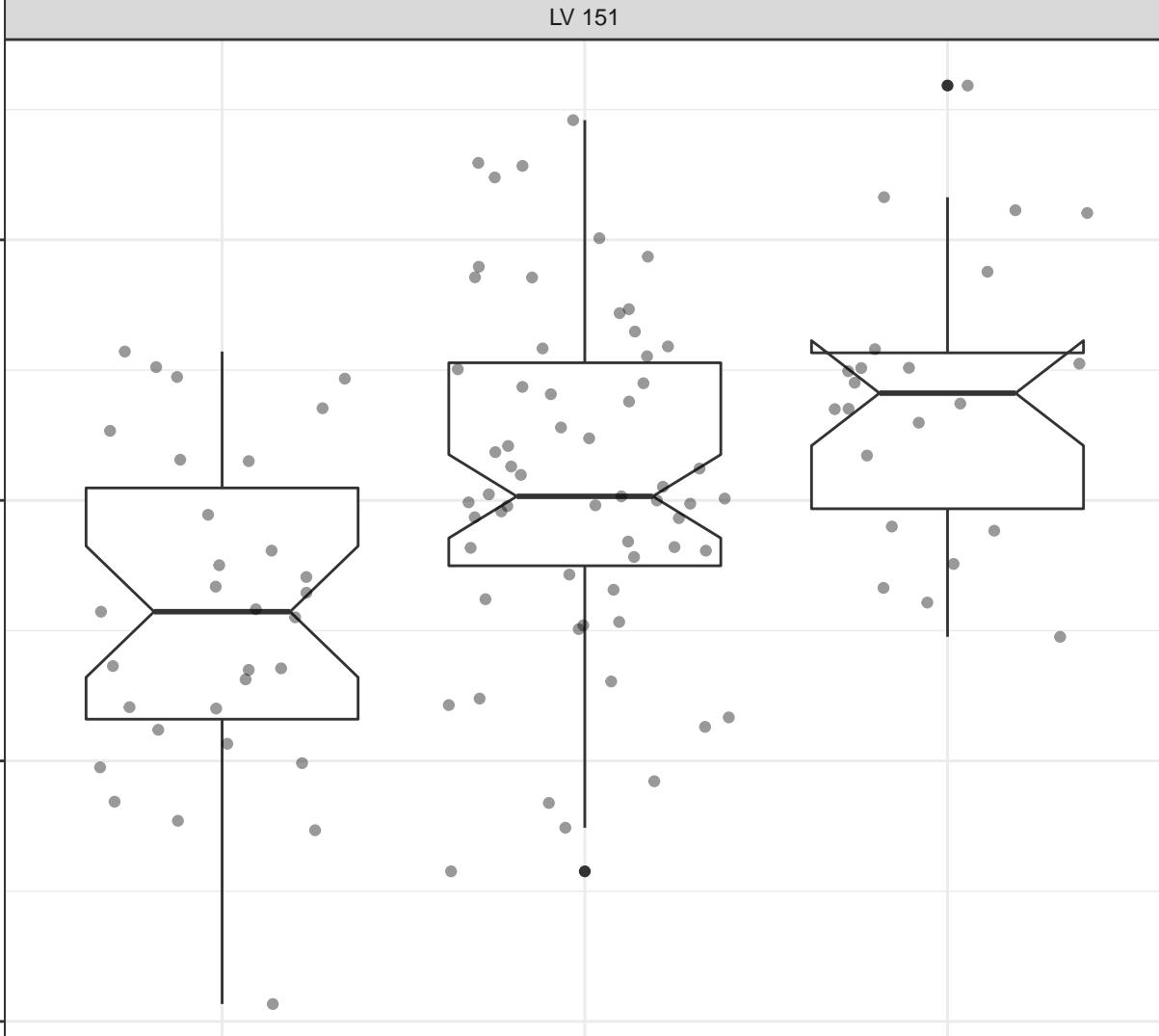
-0.10

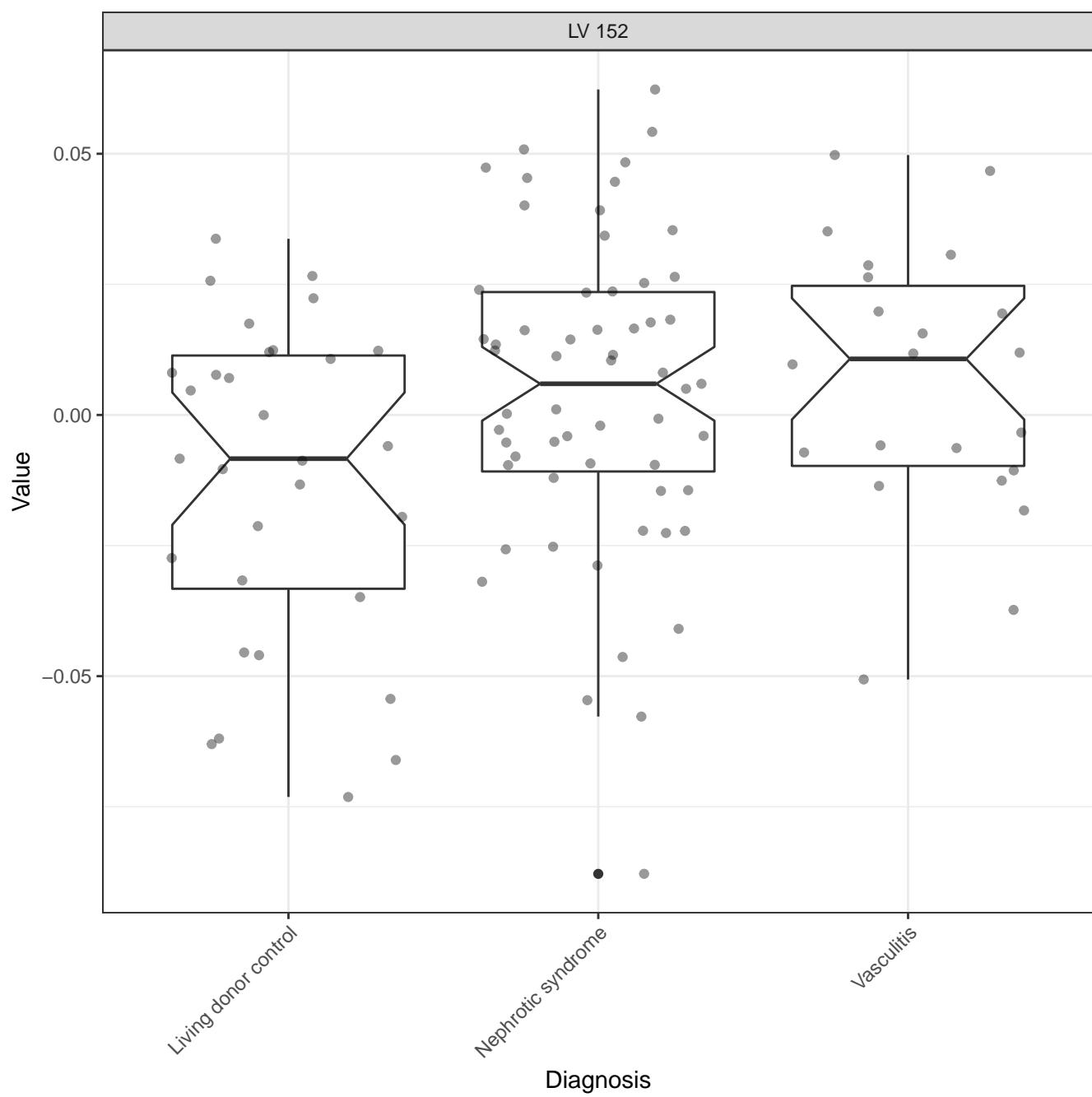
Living donor control

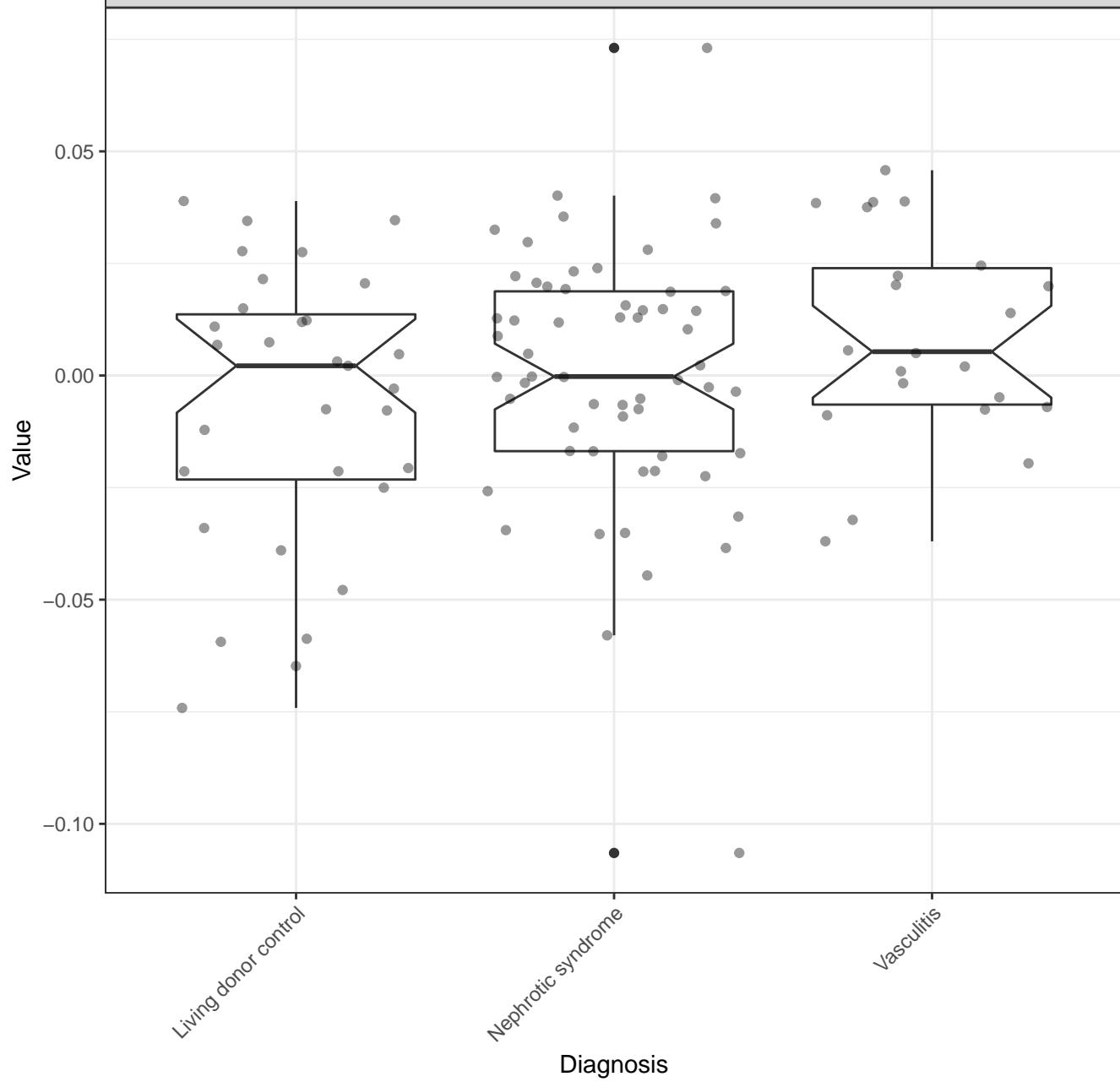
Nephrotic syndrome

Vasculitis

Diagnosis







Value

0.05

0.00

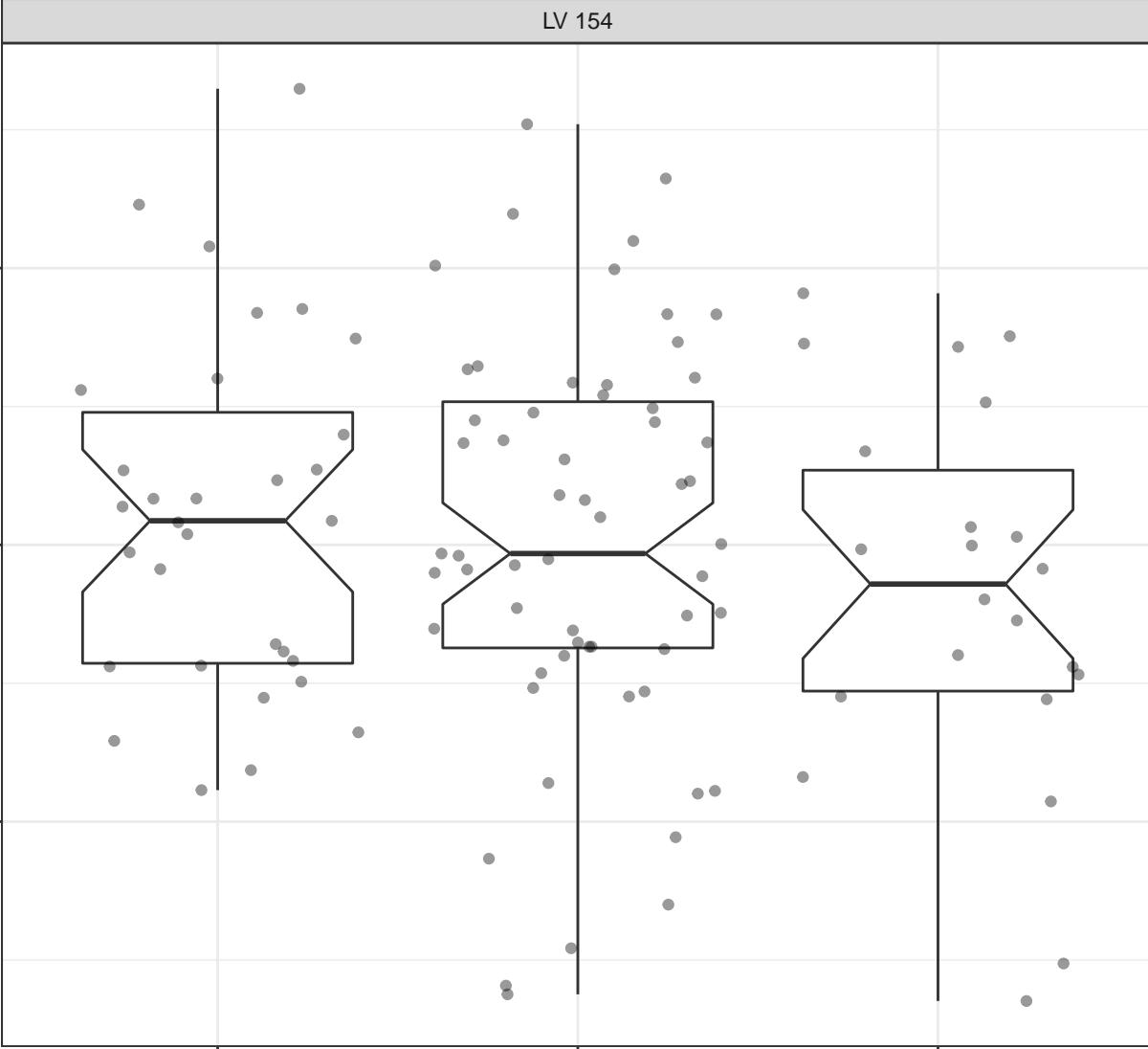
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 155

Value

0.10

0.05

0.00

-0.05

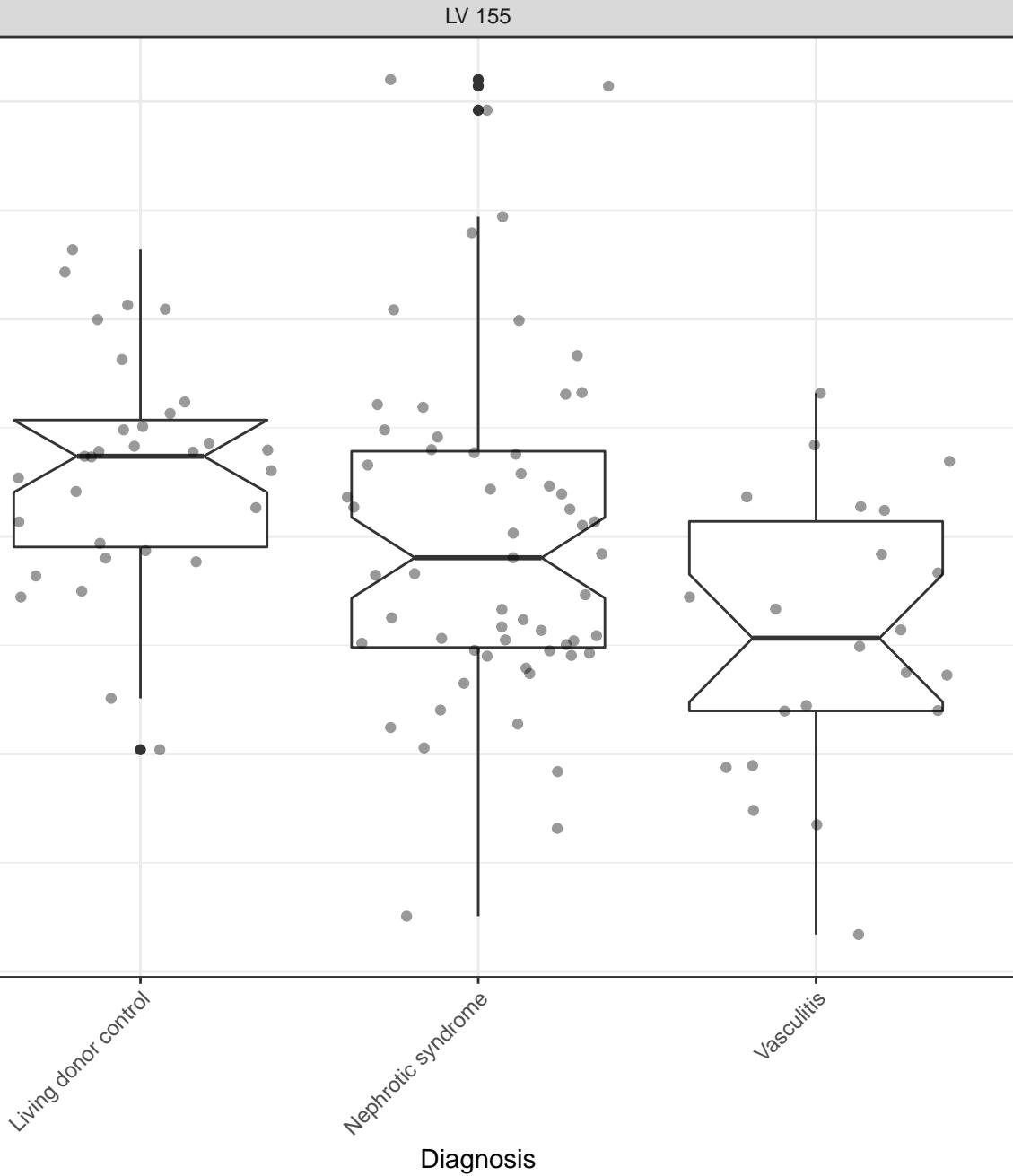
-0.10

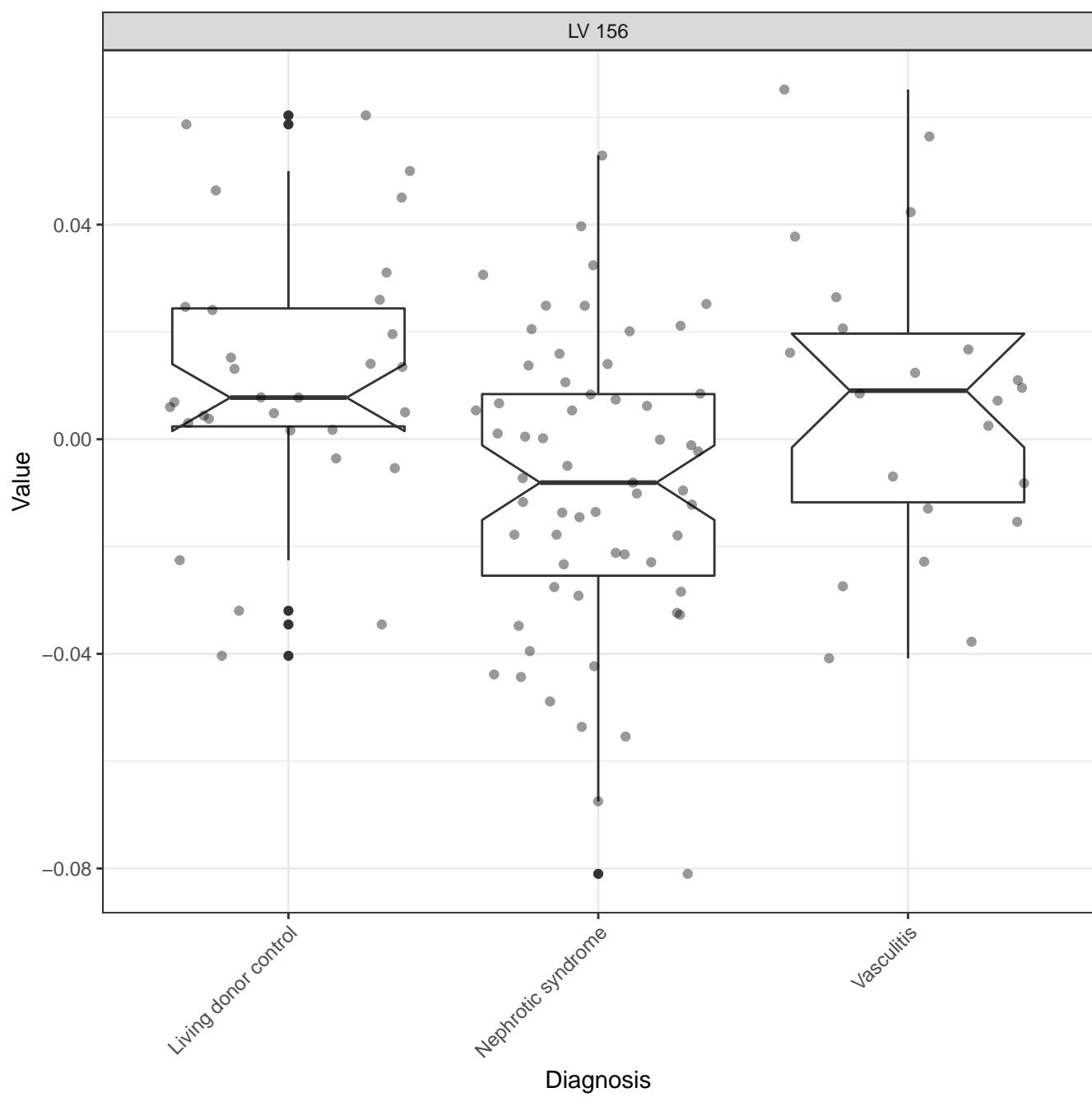
Living donor control

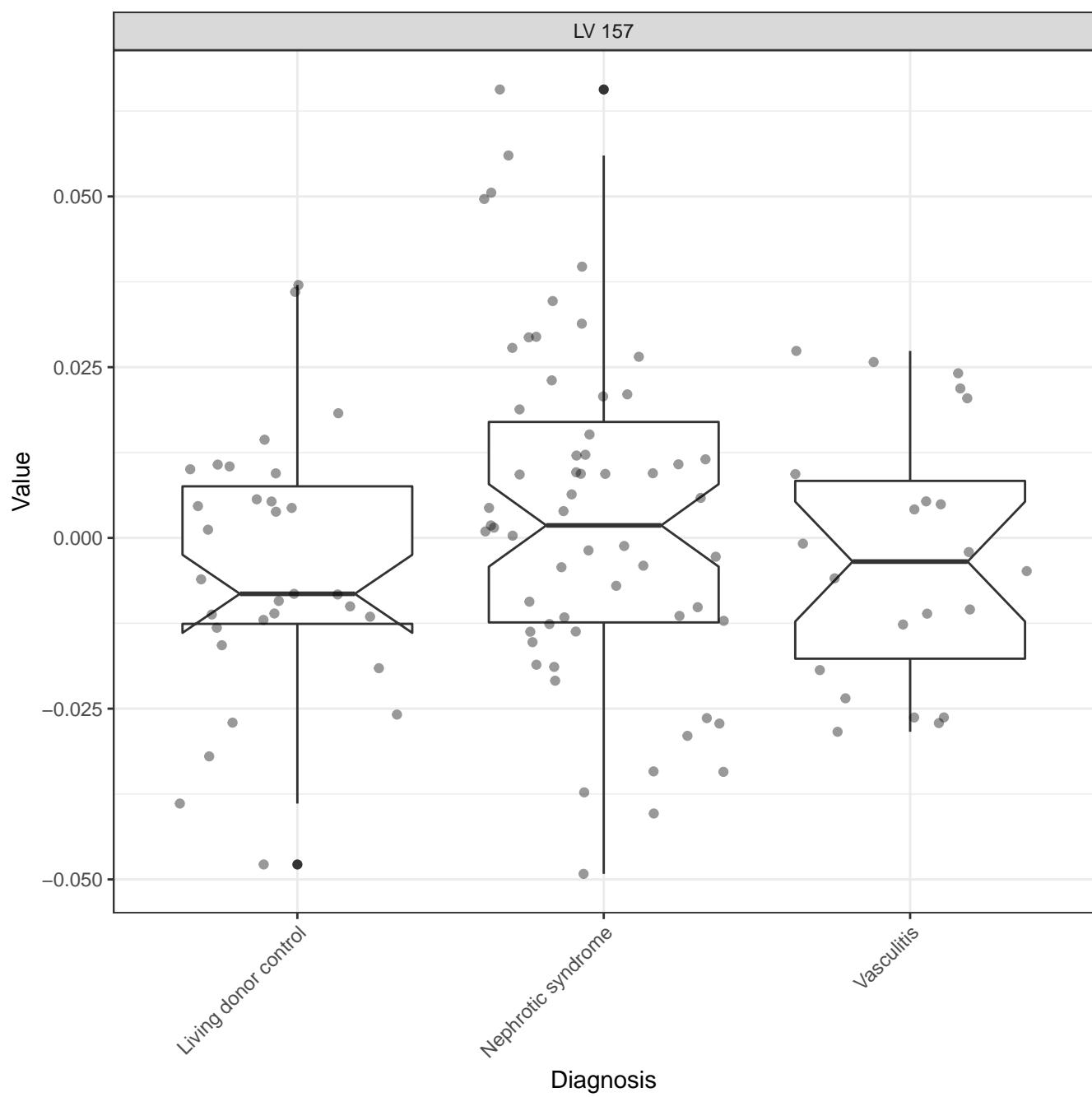
Nephrotic syndrome

Vasculitis

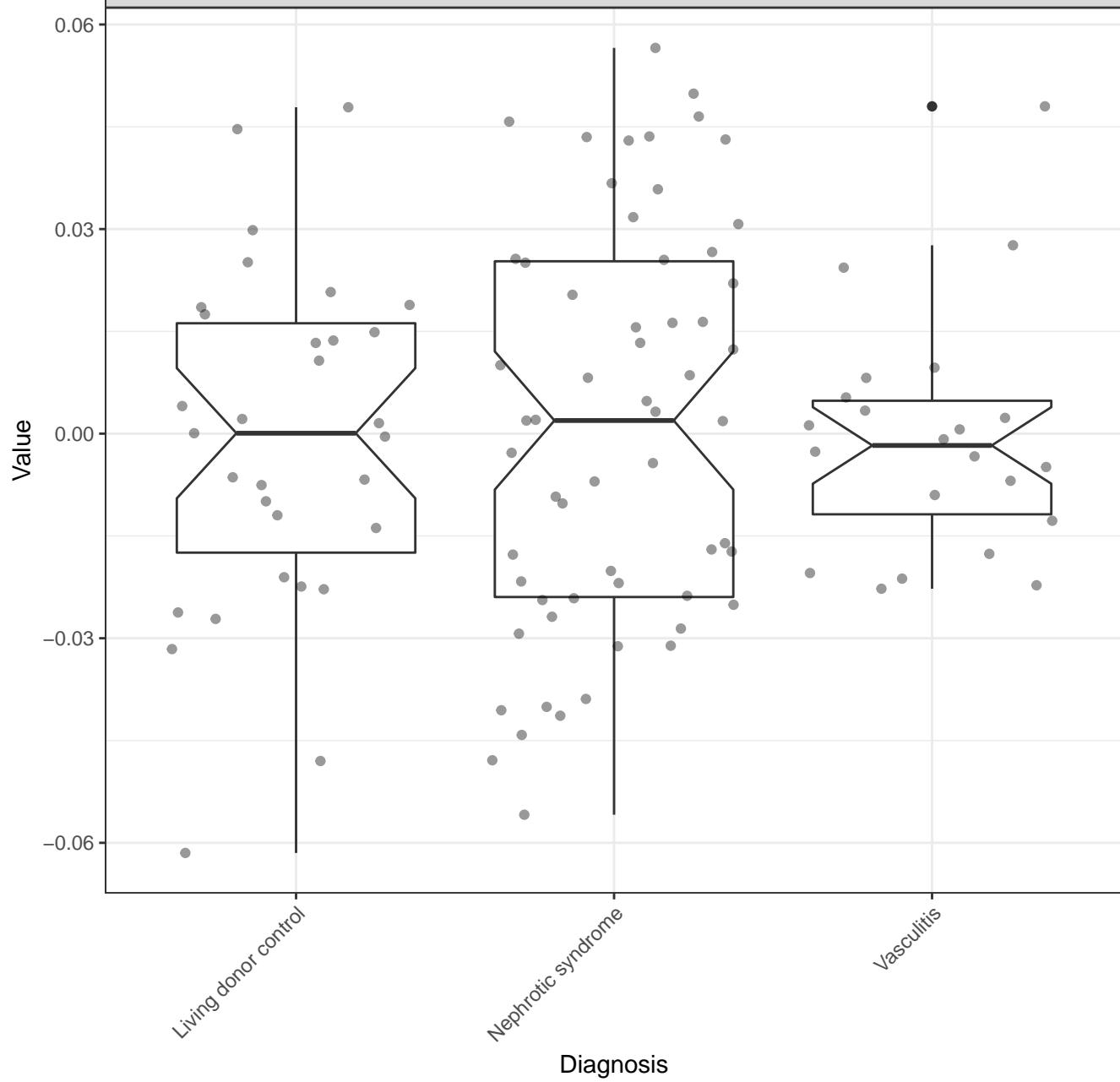
Diagnosis

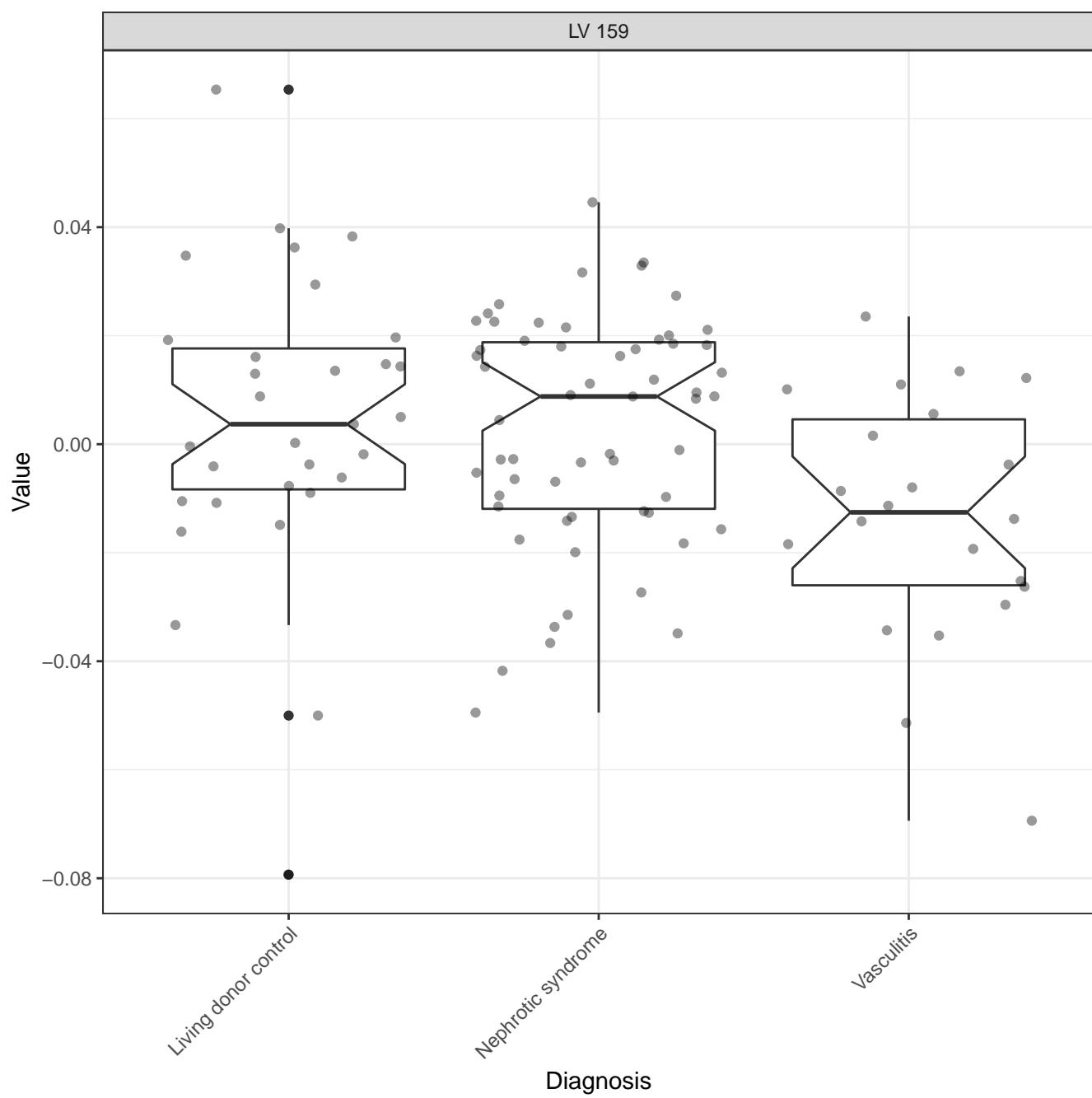






LV 158





LV 160

Value

0.04

0.00

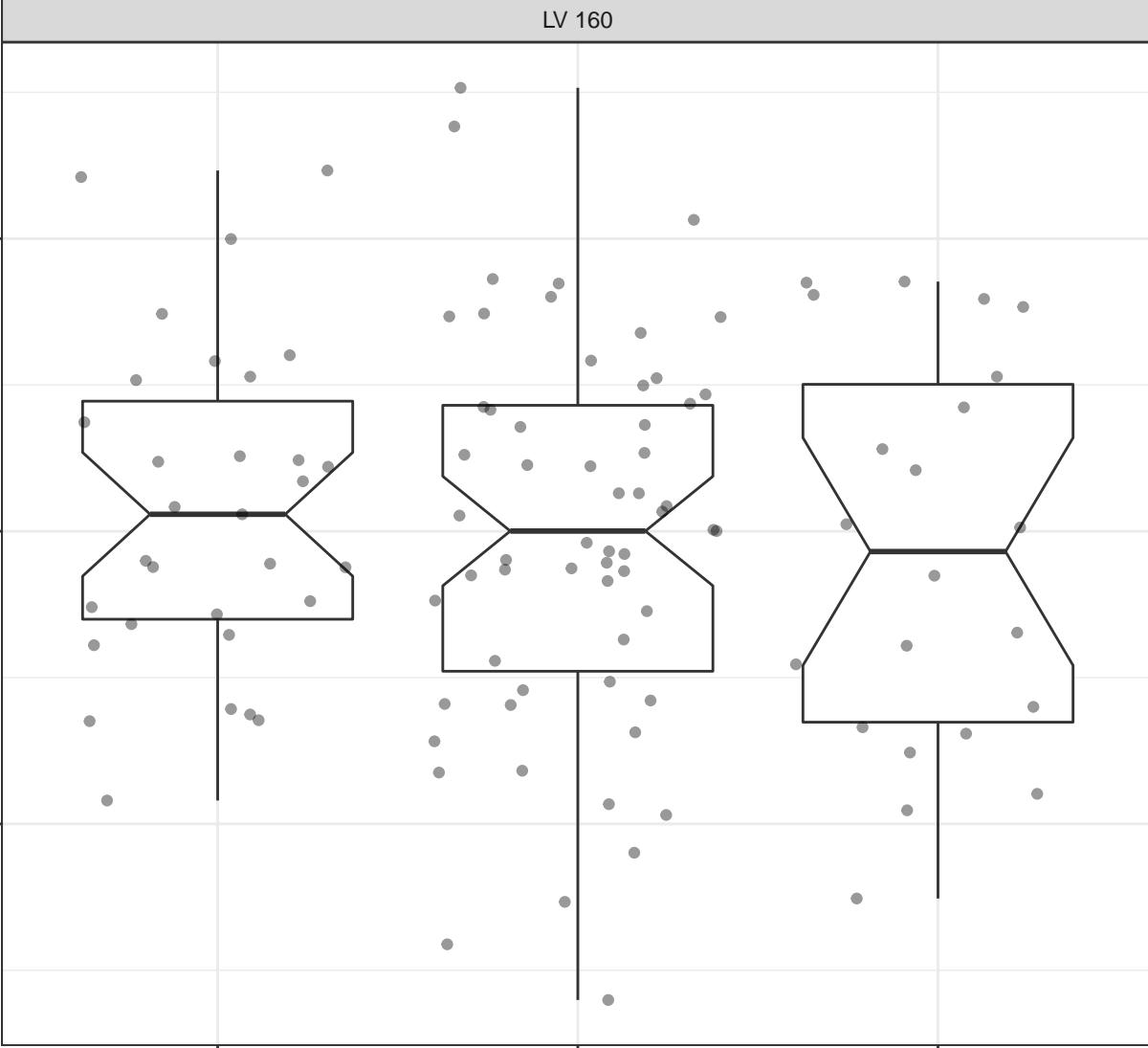
-0.04

Living donor control

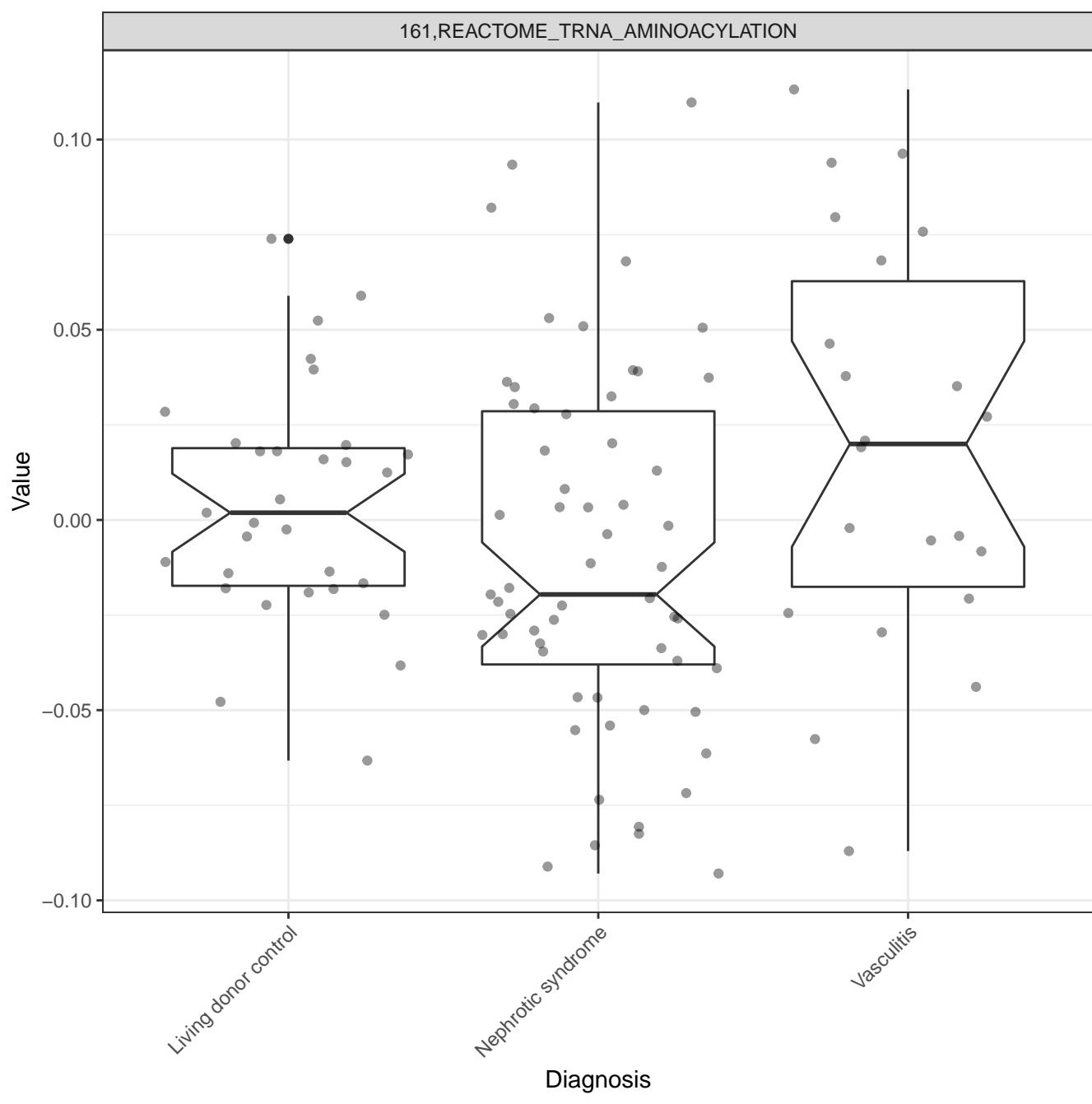
Nephrotic syndrome

Vasculitis

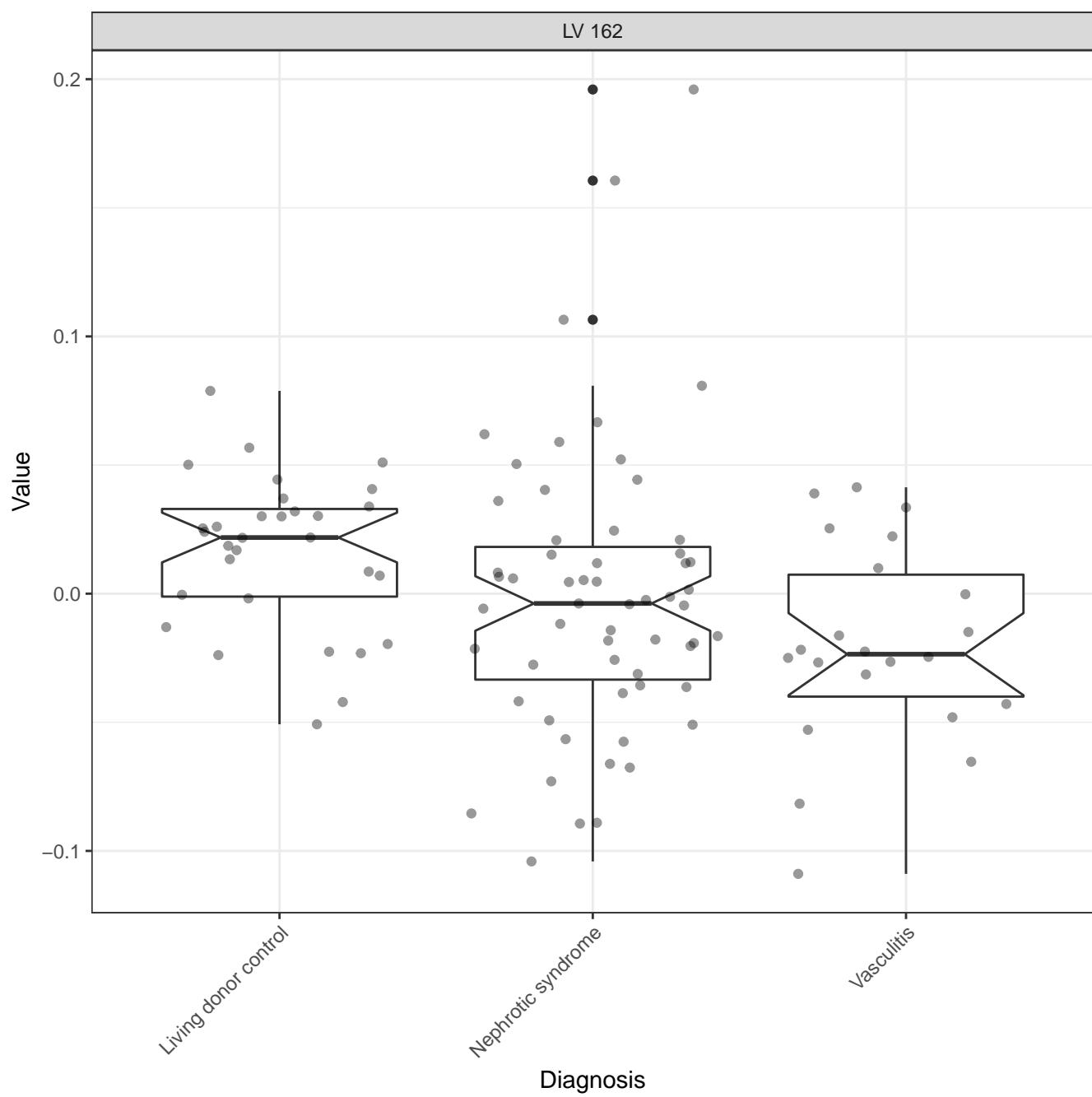
Diagnosis



## 161,REACTOME\_TRNA\_AMINOACYLATION



LV 162



LV 163

Value

0.2

0.1

0.0

-0.1

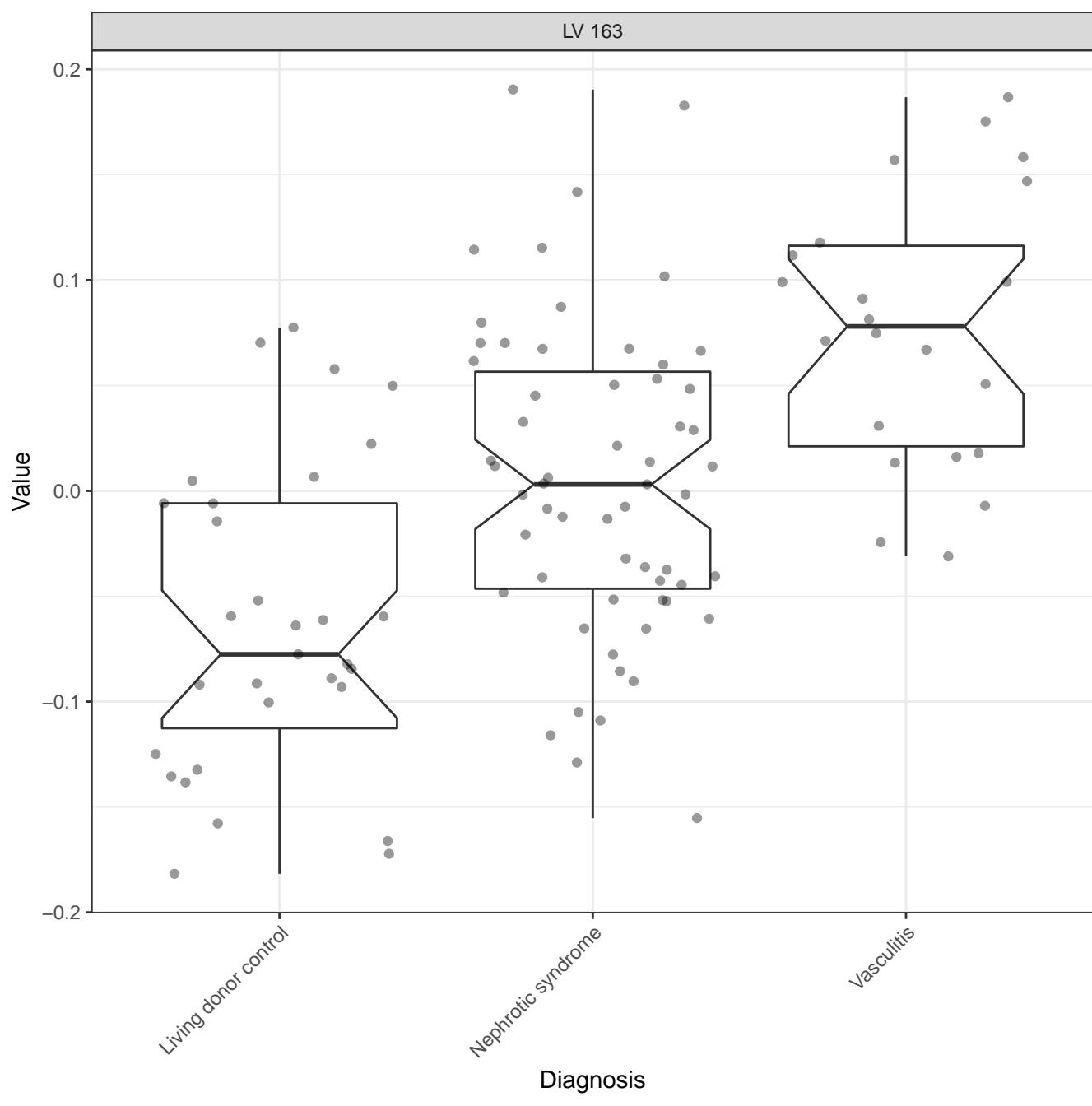
-0.2

Living donor control

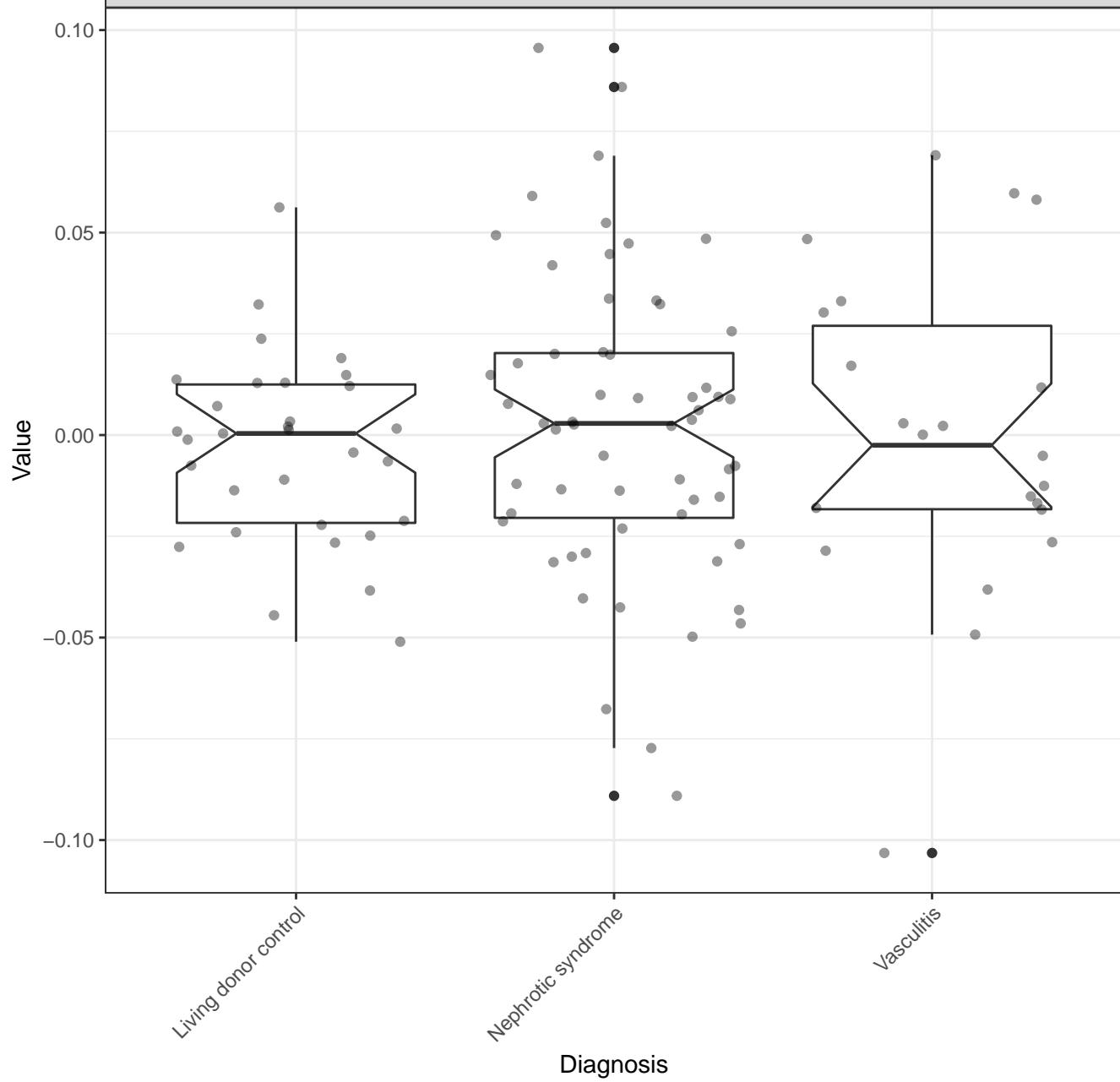
Nephrotic syndrome

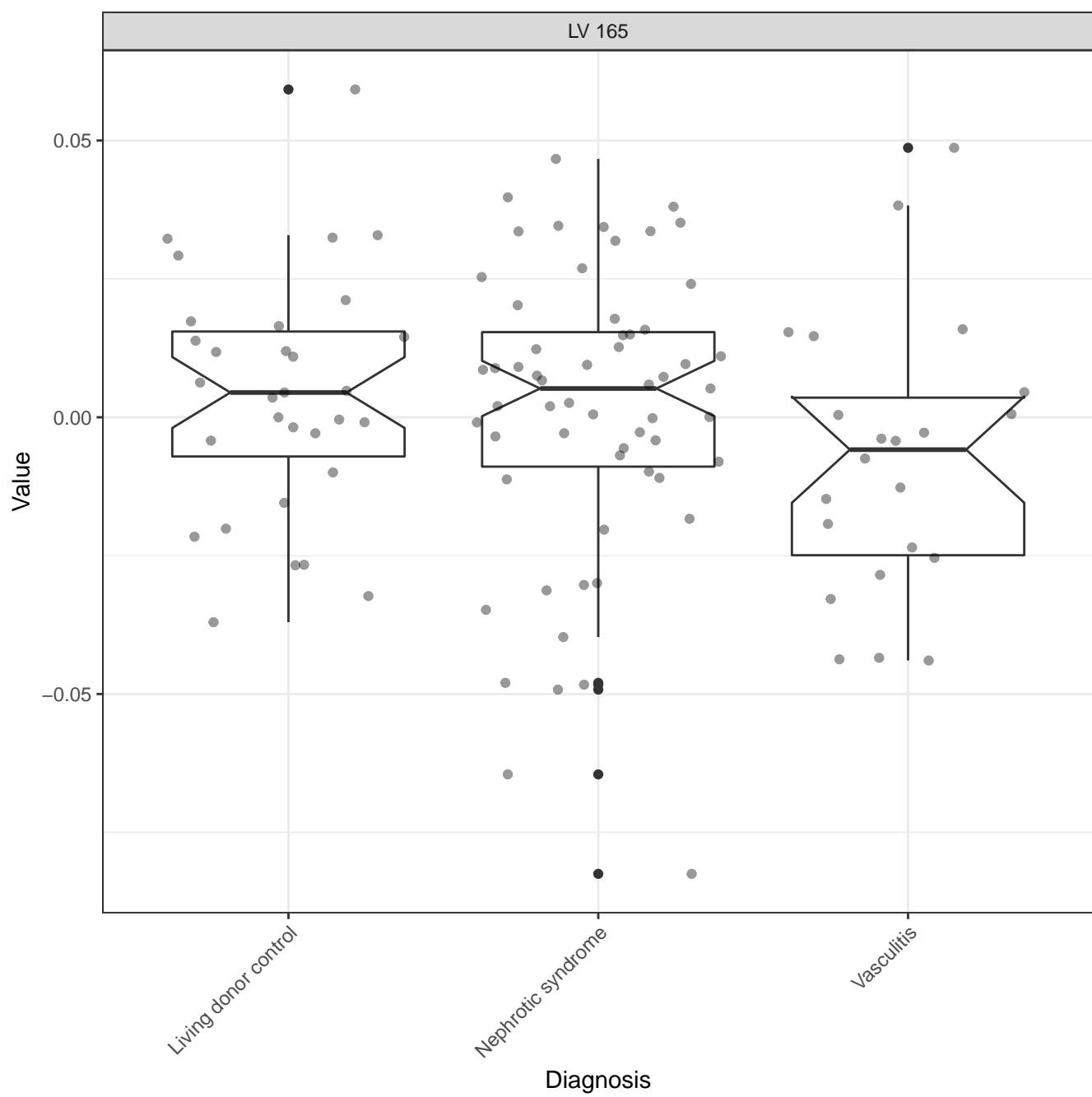
Vasculitis

Diagnosis

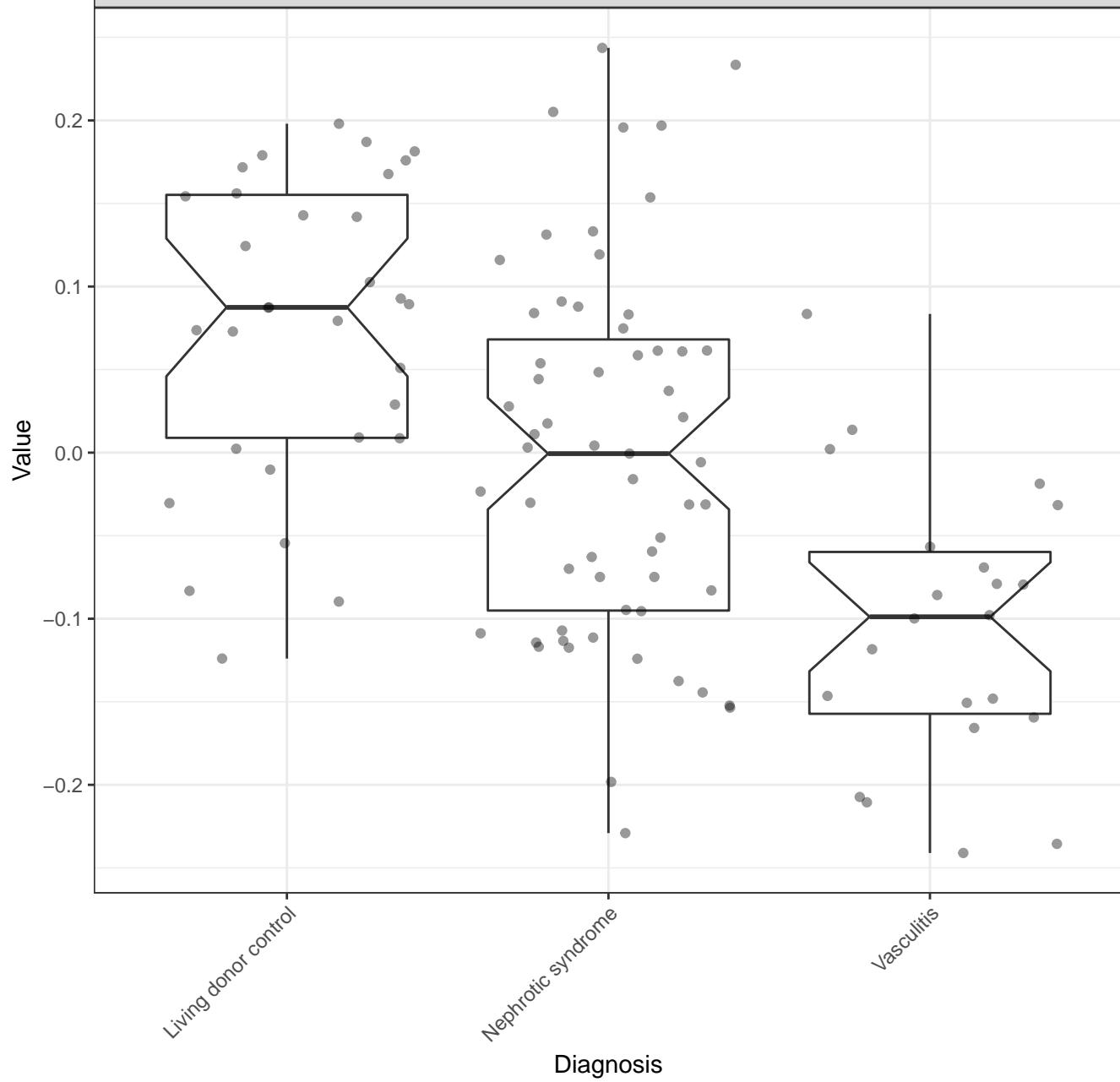


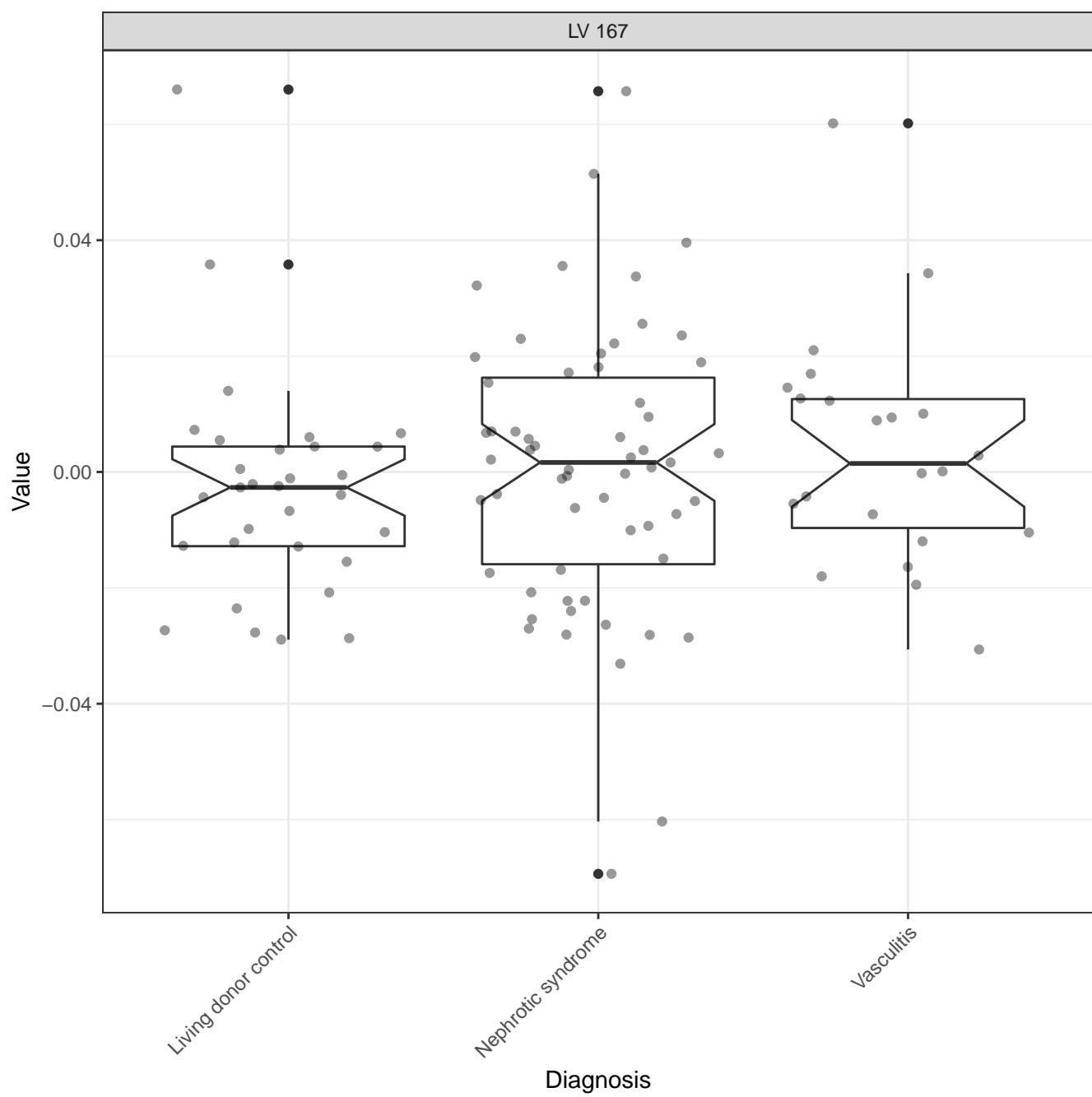
LV 164





## 166,REACTOME\_TRANSPORT\_OF\_INORGANIC\_CATIONS\_ANIONS\_AND\_AMINO\_ACIDS\_OLIGOPEPTIDES





Value

0.05

0.00

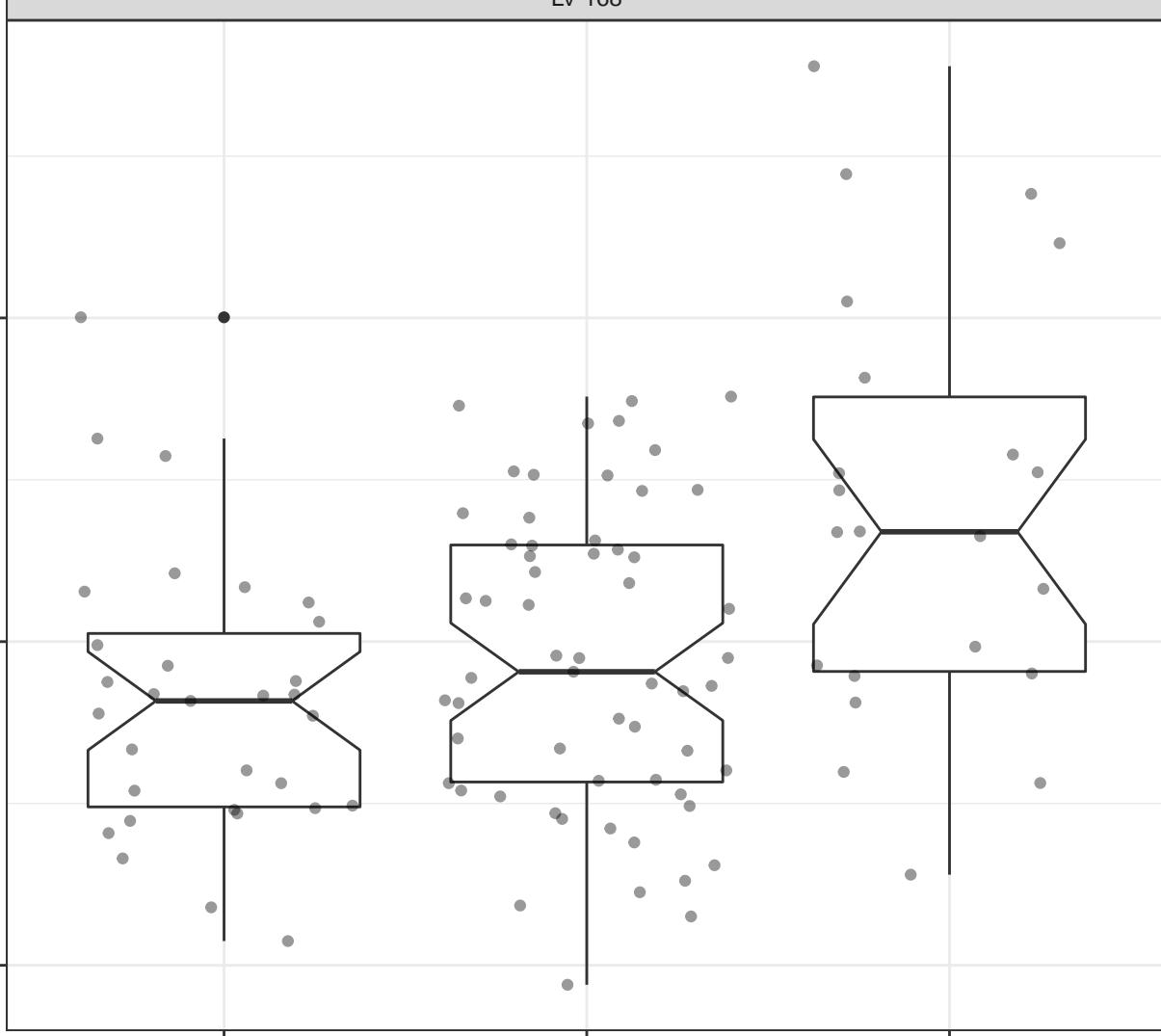
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 169

Value

0.05

0.00

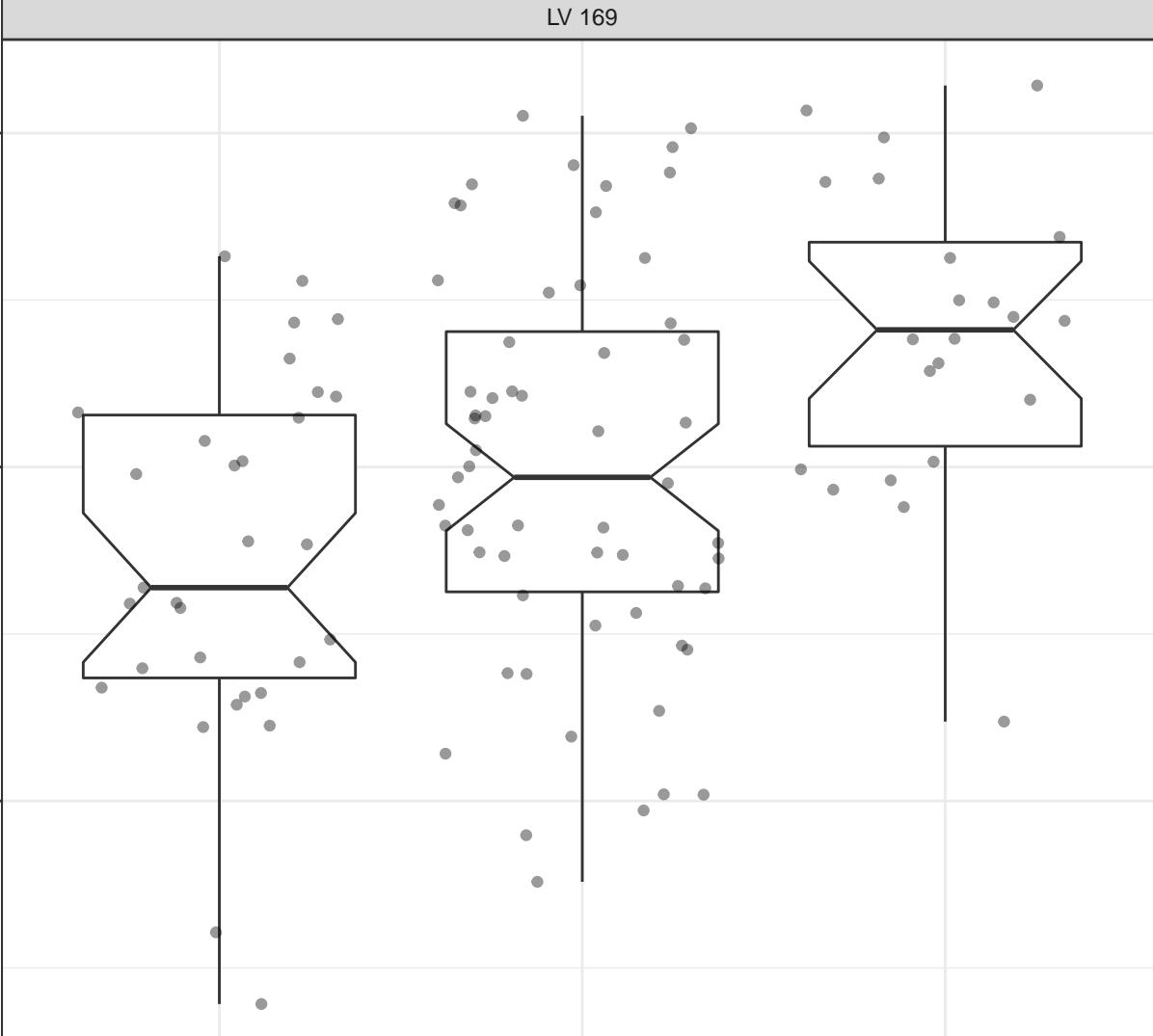
-0.05

Living donor control

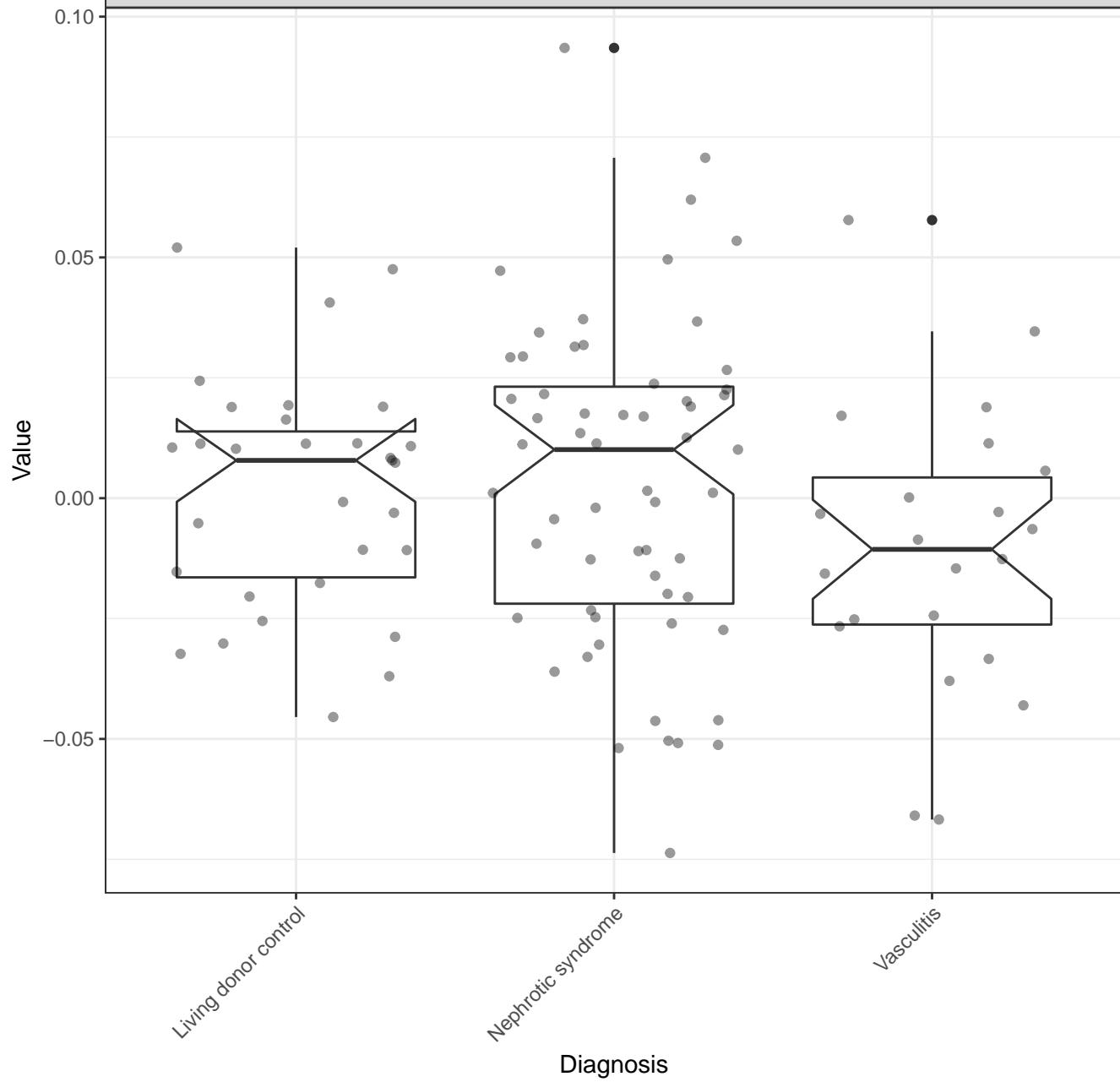
Nephrotic syndrome

Vasculitis

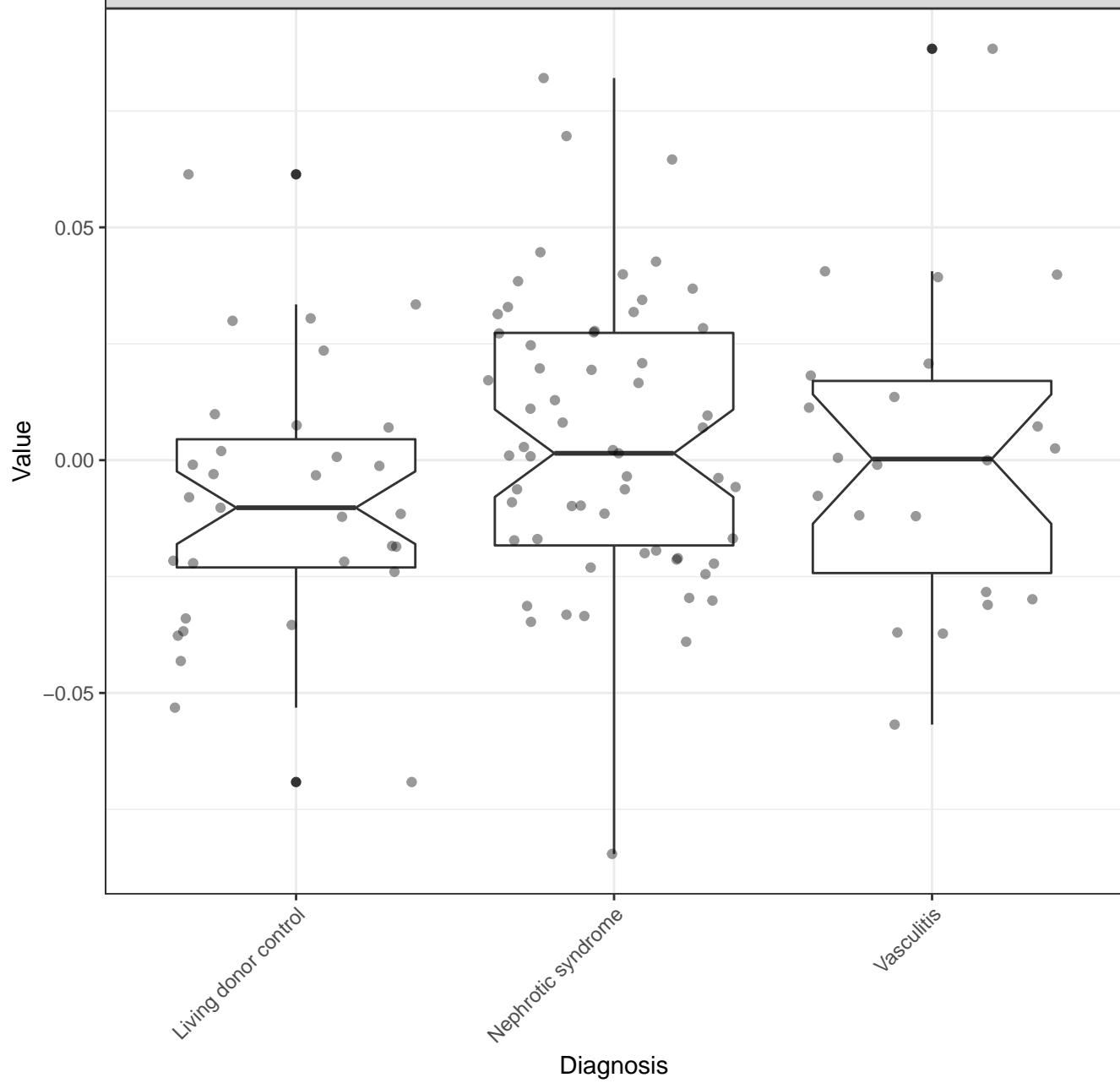
Diagnosis

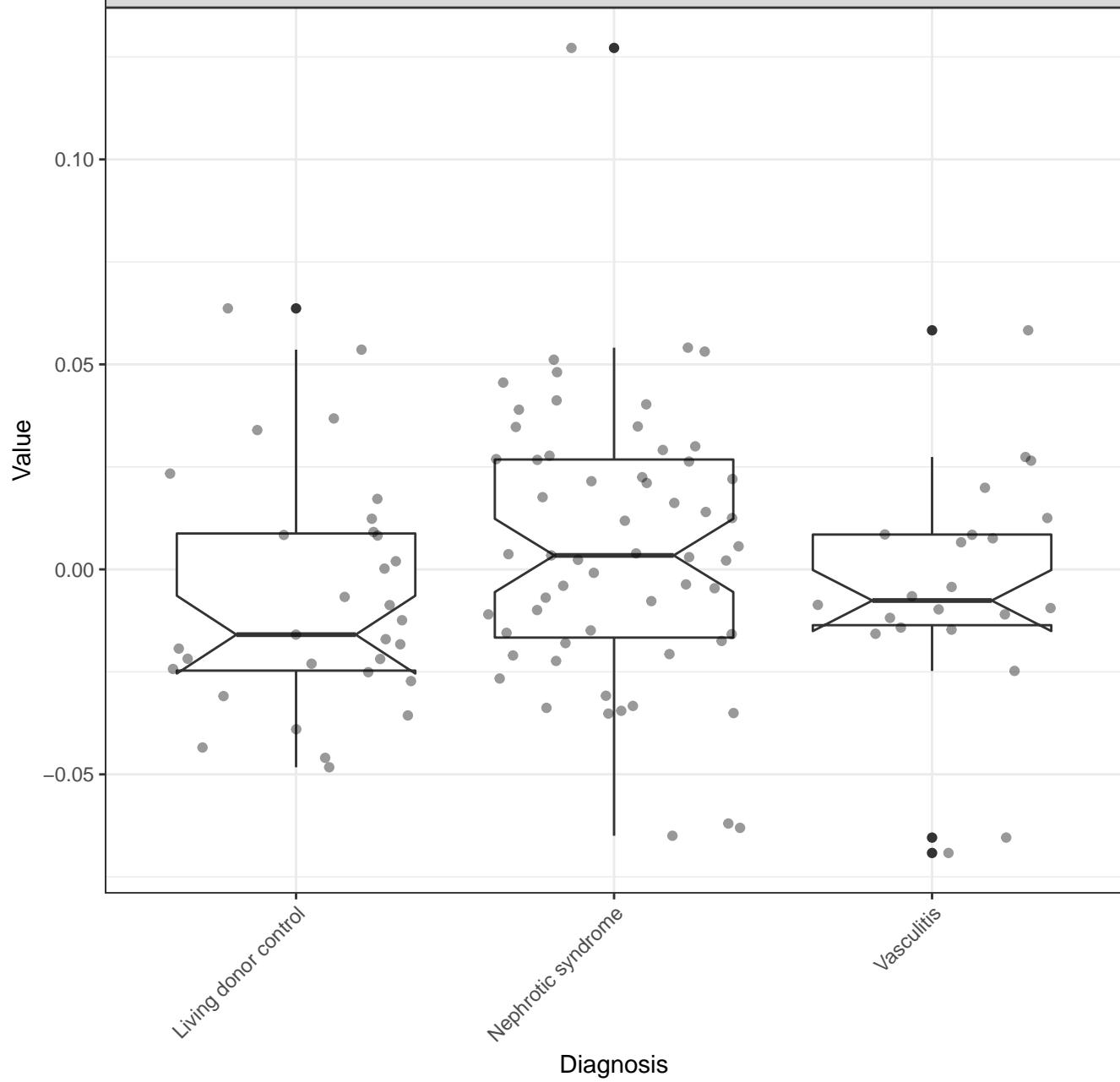


LV 170



## 171,KEGG\_FATTY\_ACID\_METABOLISM





Value

0.05

0.00

-0.05

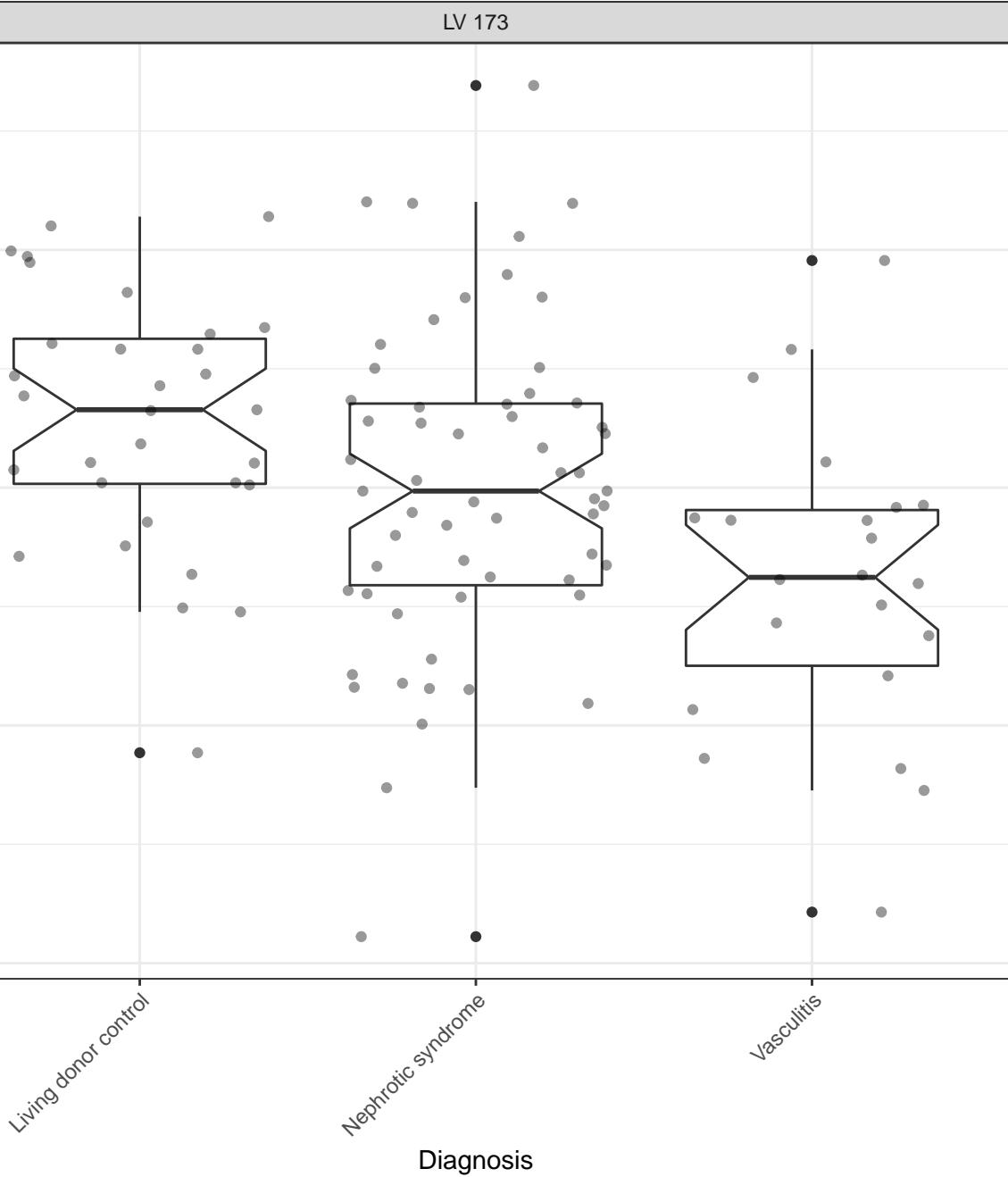
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

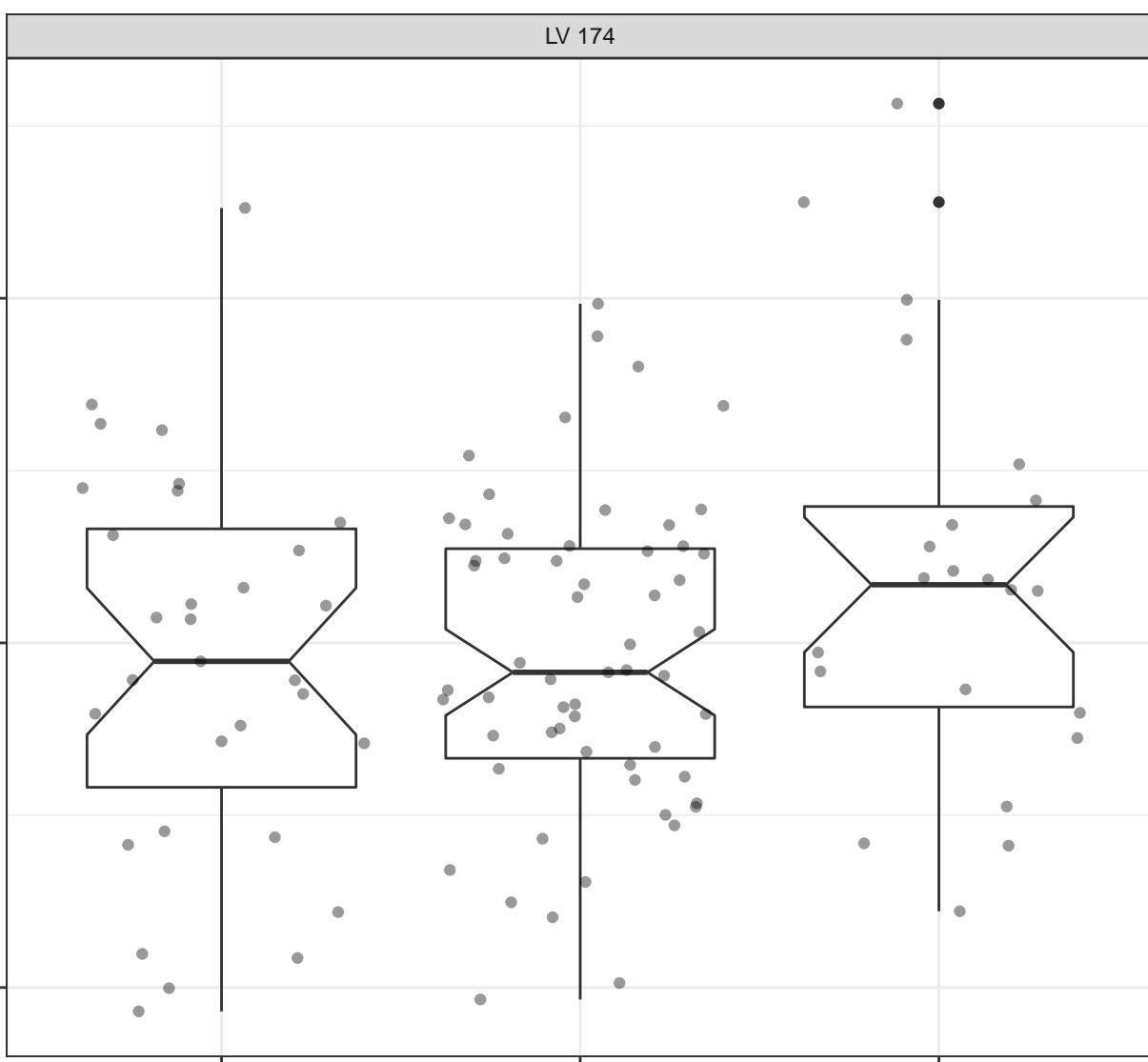
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 175

Value

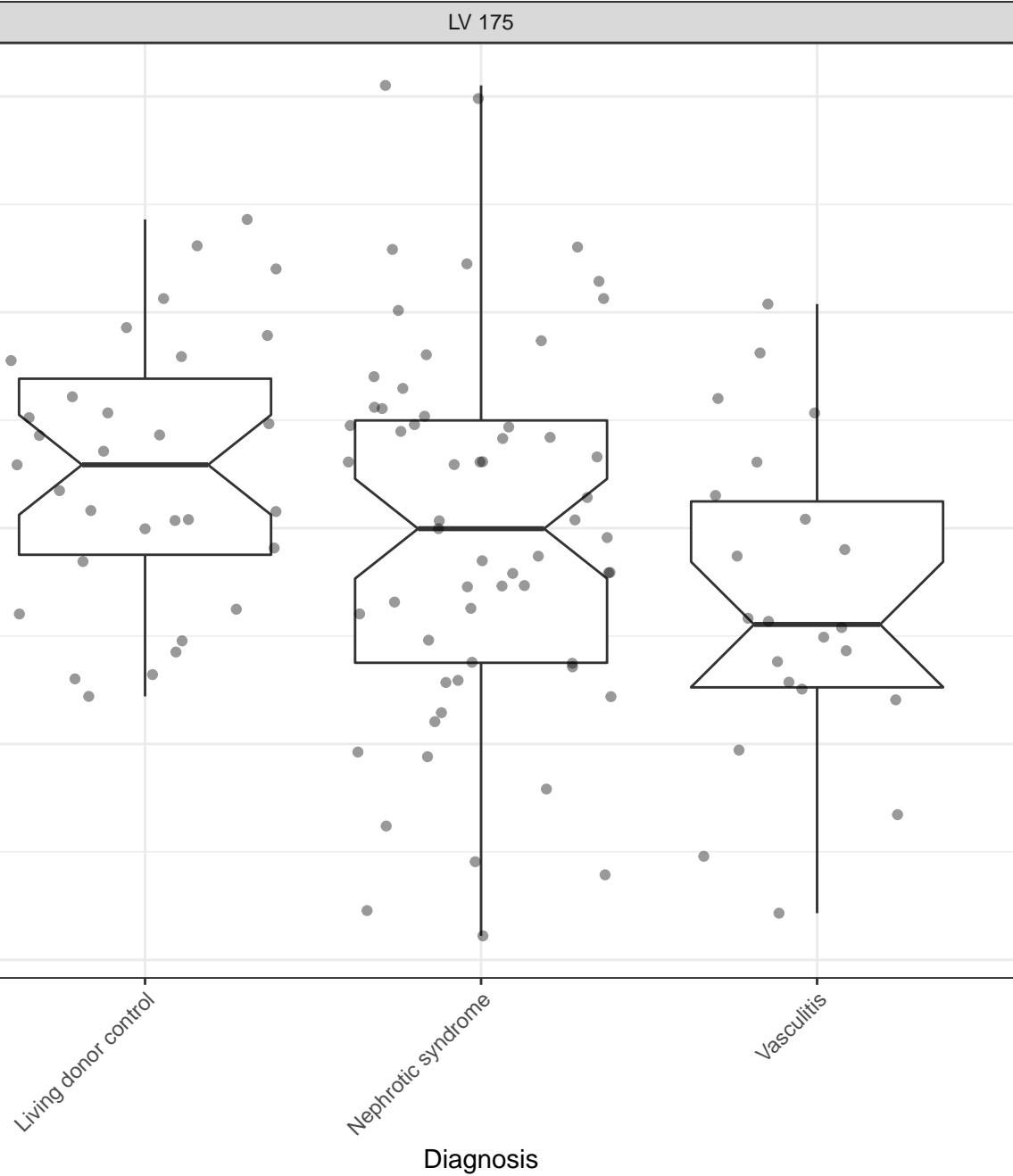
0.06  
0.03  
0.00  
-0.03  
-0.06

Living donor control

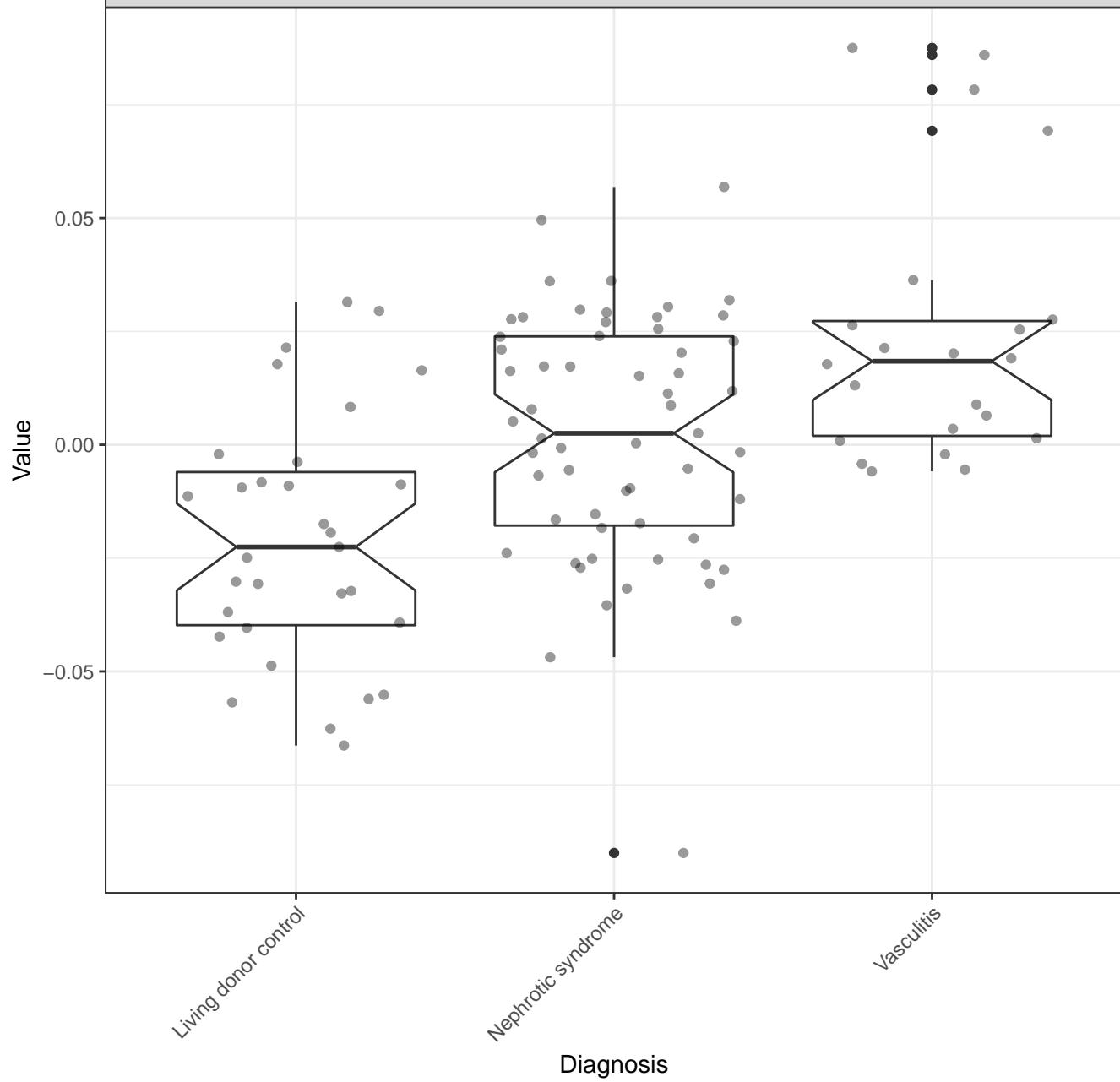
Nephrotic syndrome

Vasculitis

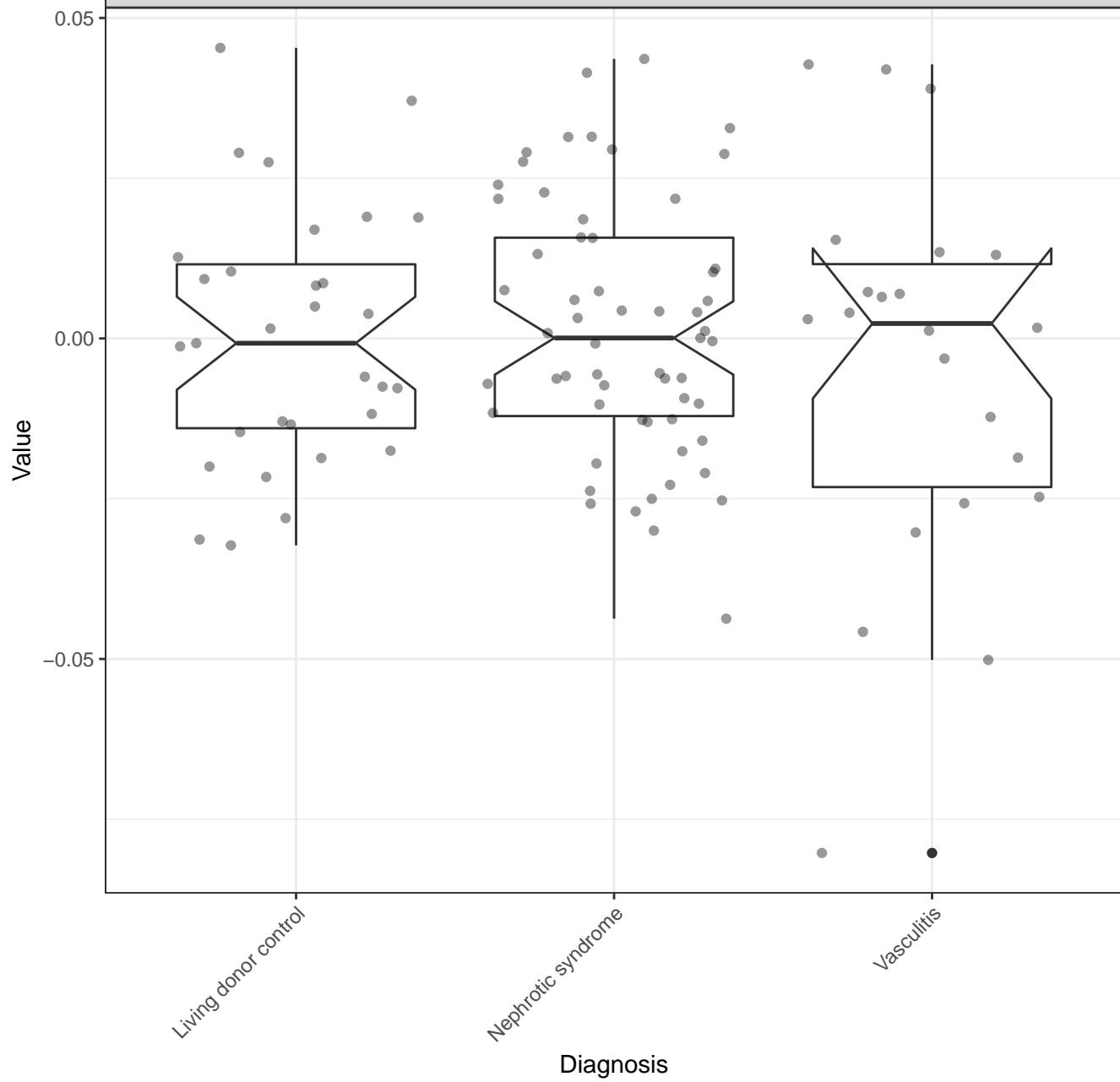
Diagnosis



# 176,KEGG\_FRUCTOSE\_AND\_MANNOSE\_METABOLISM



## 177,SIG\_CHEMOTAXIS



LV 178

Value

0.05

0.00

-0.05

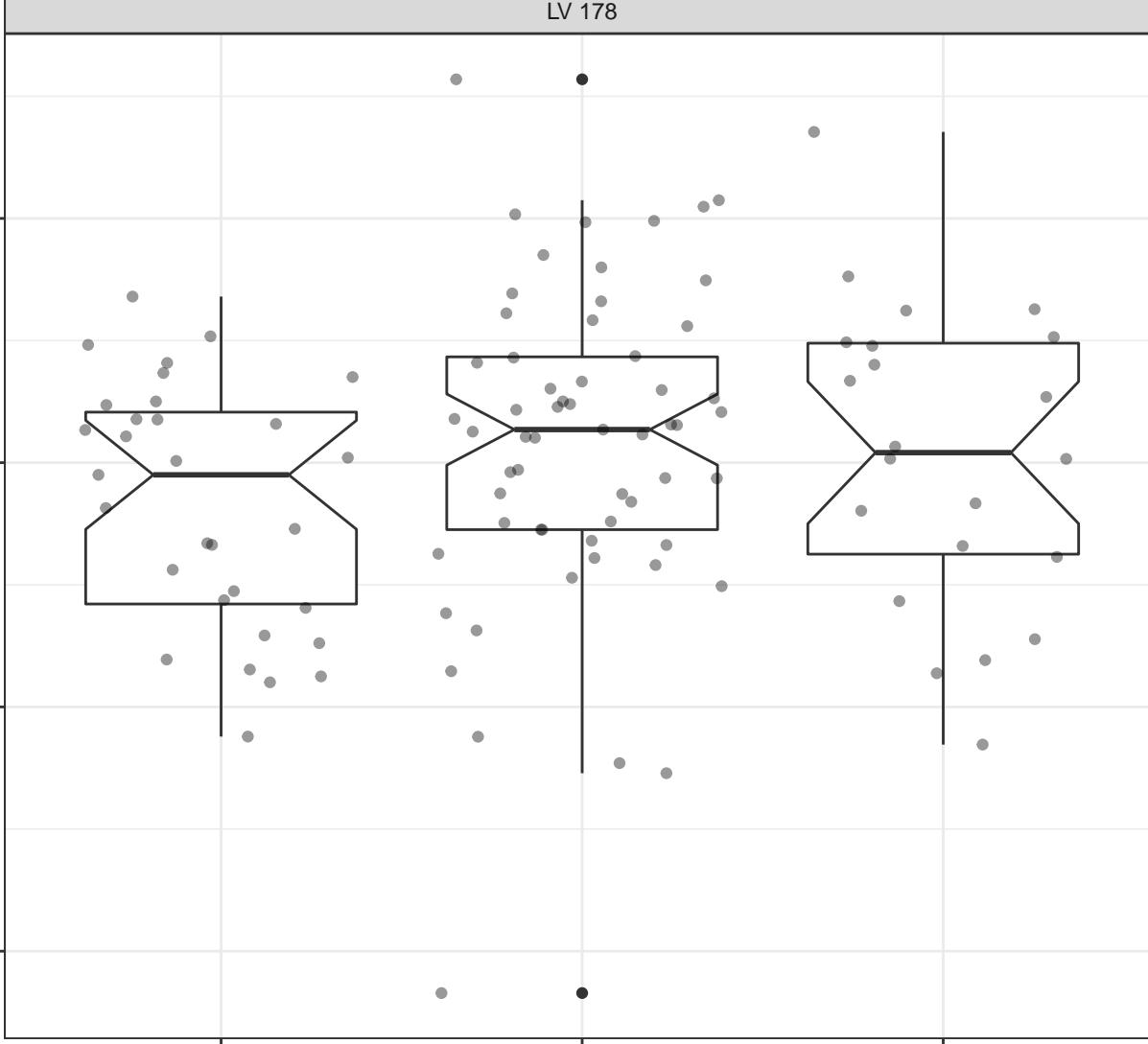
-0.10

Living donor control

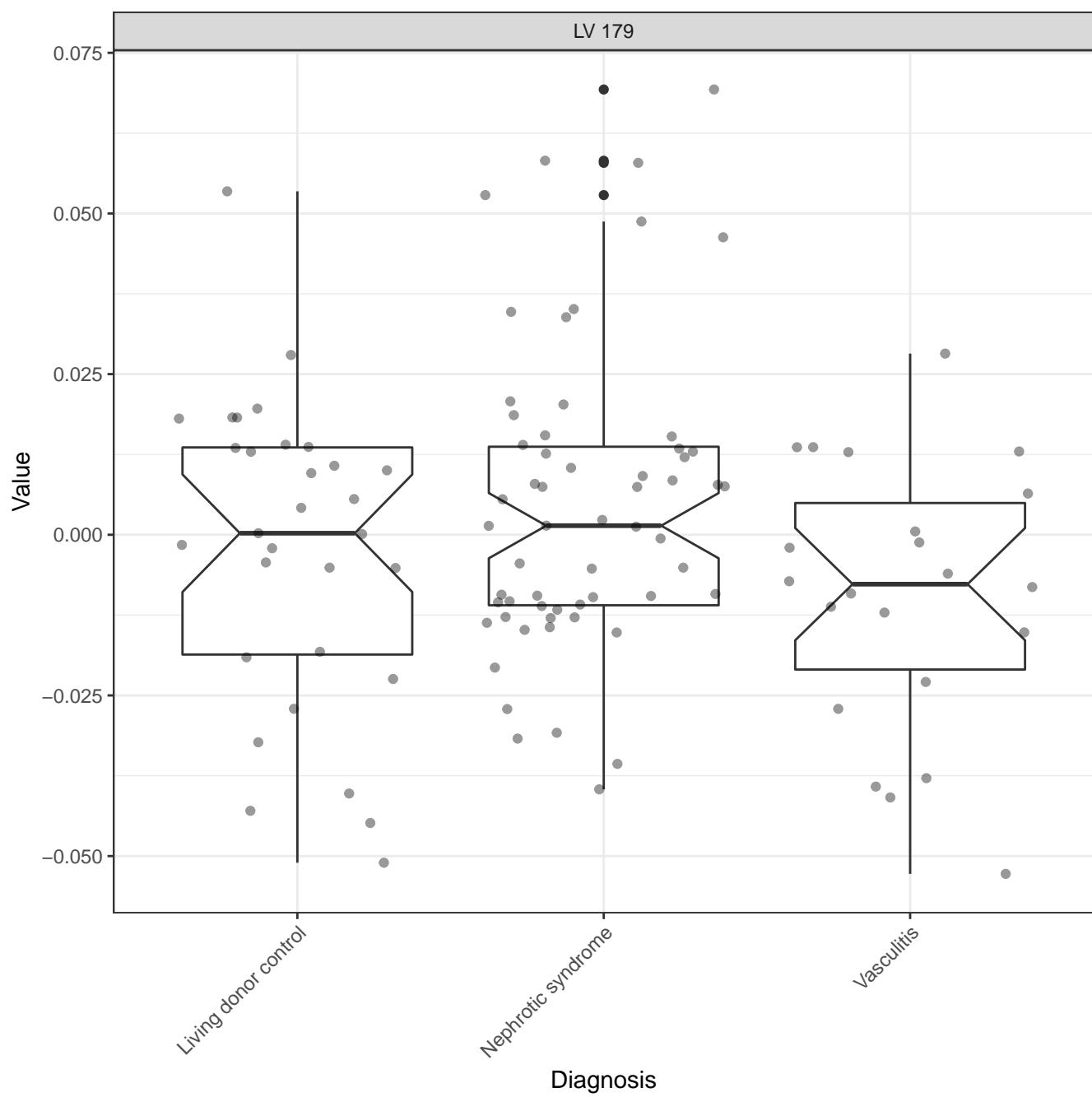
Nephrotic syndrome

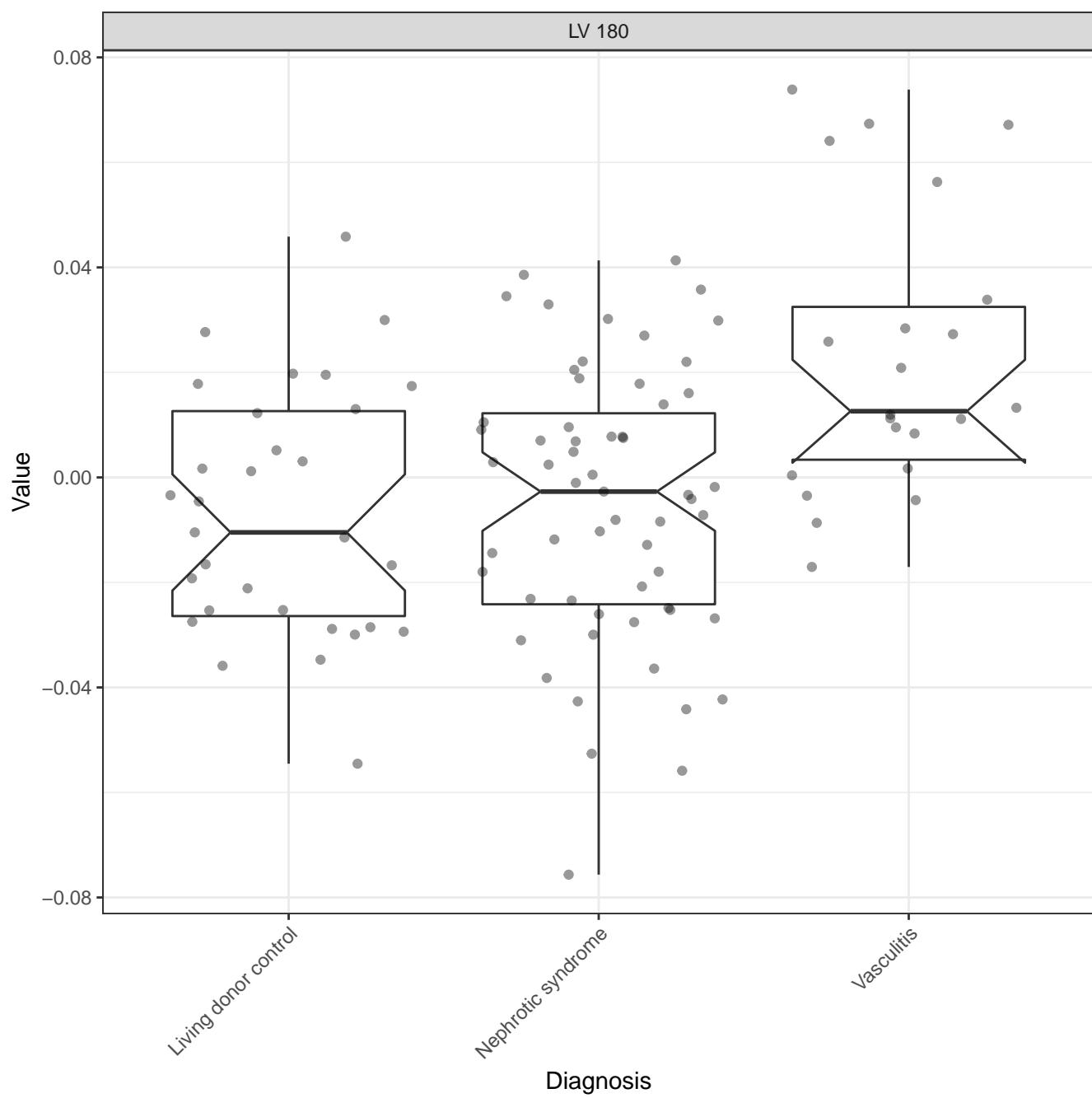
Vasculitis

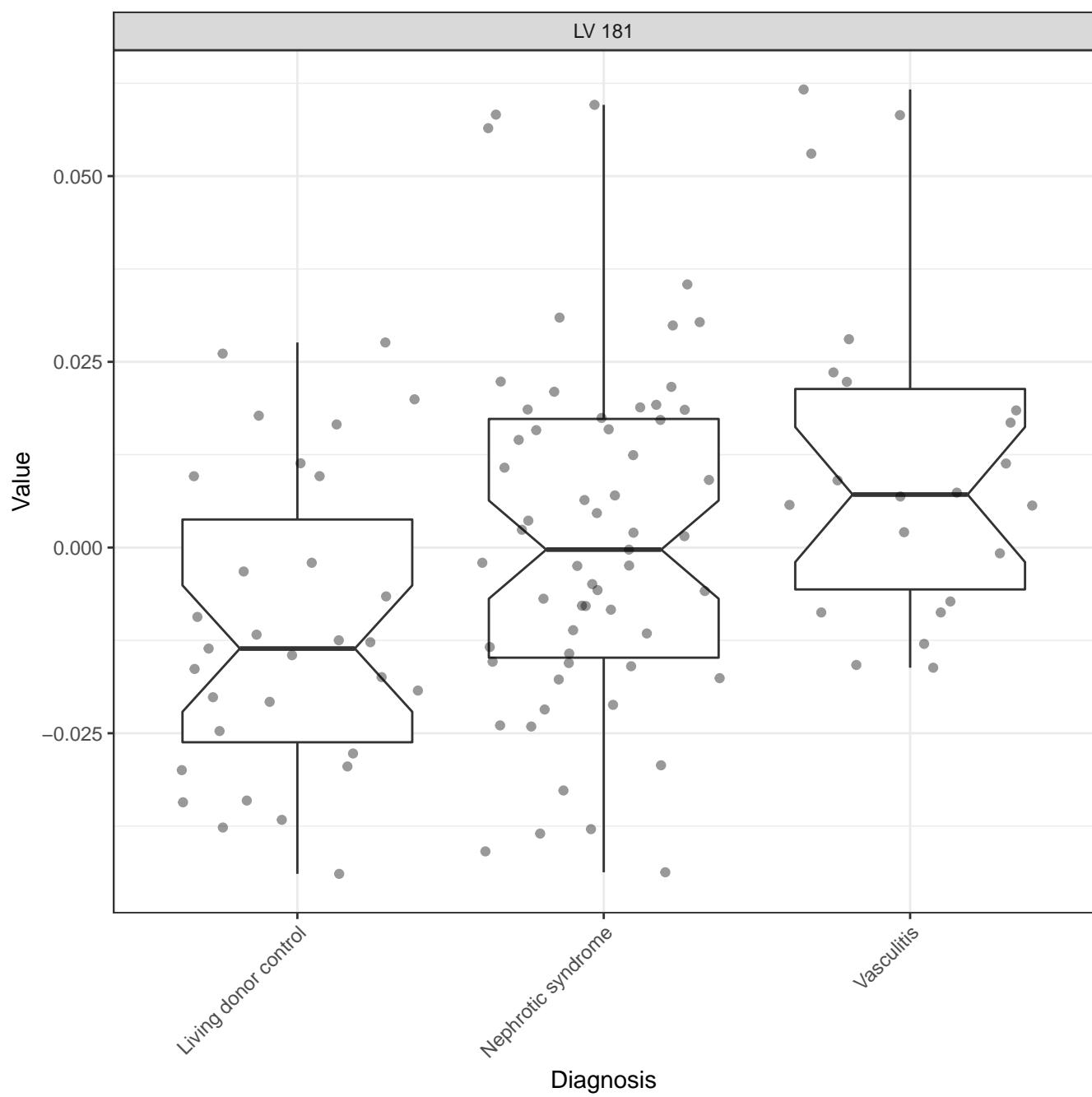
Diagnosis

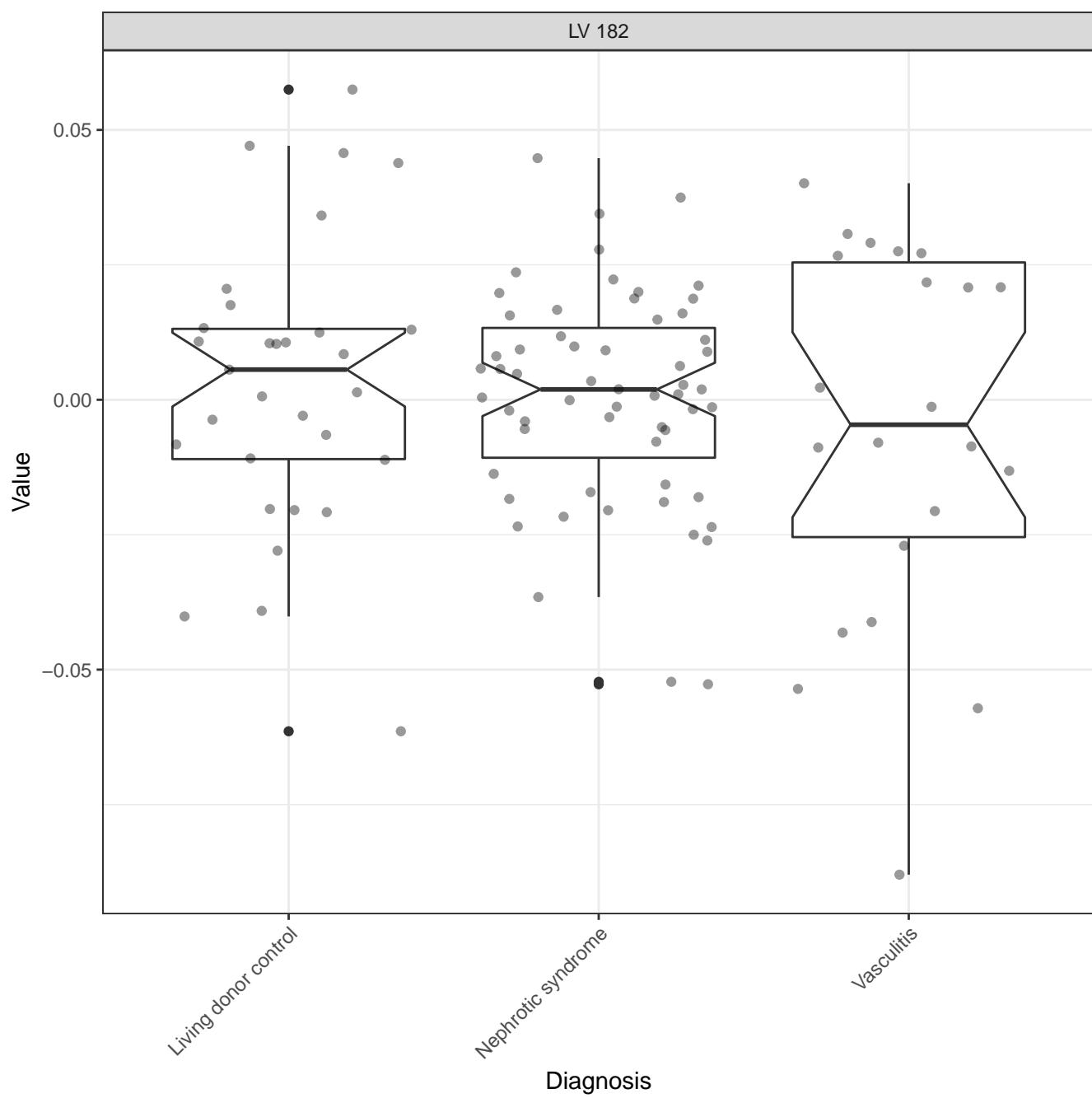


LV 179









LV 183

Value

0.10

0.05

0.00

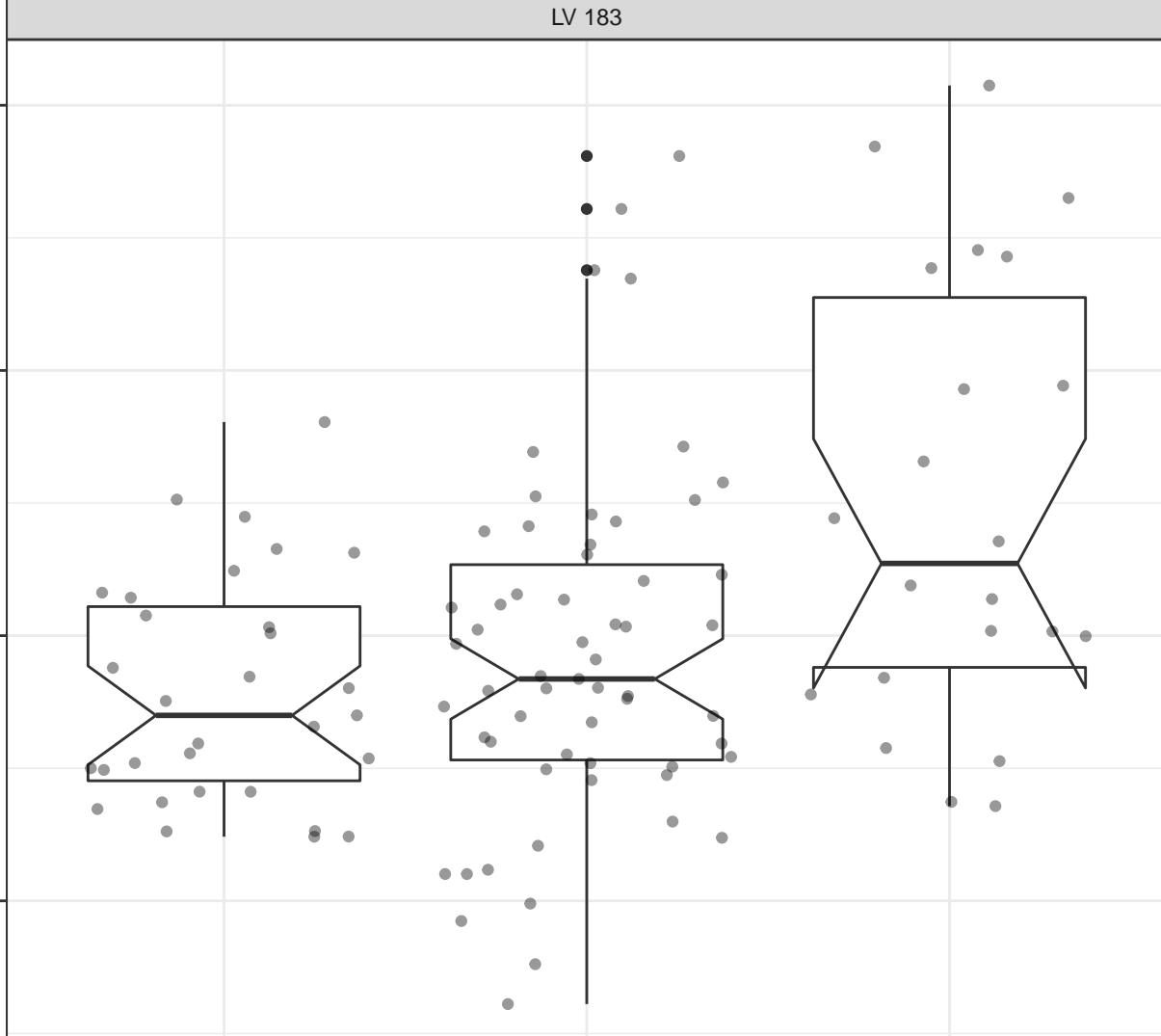
-0.05

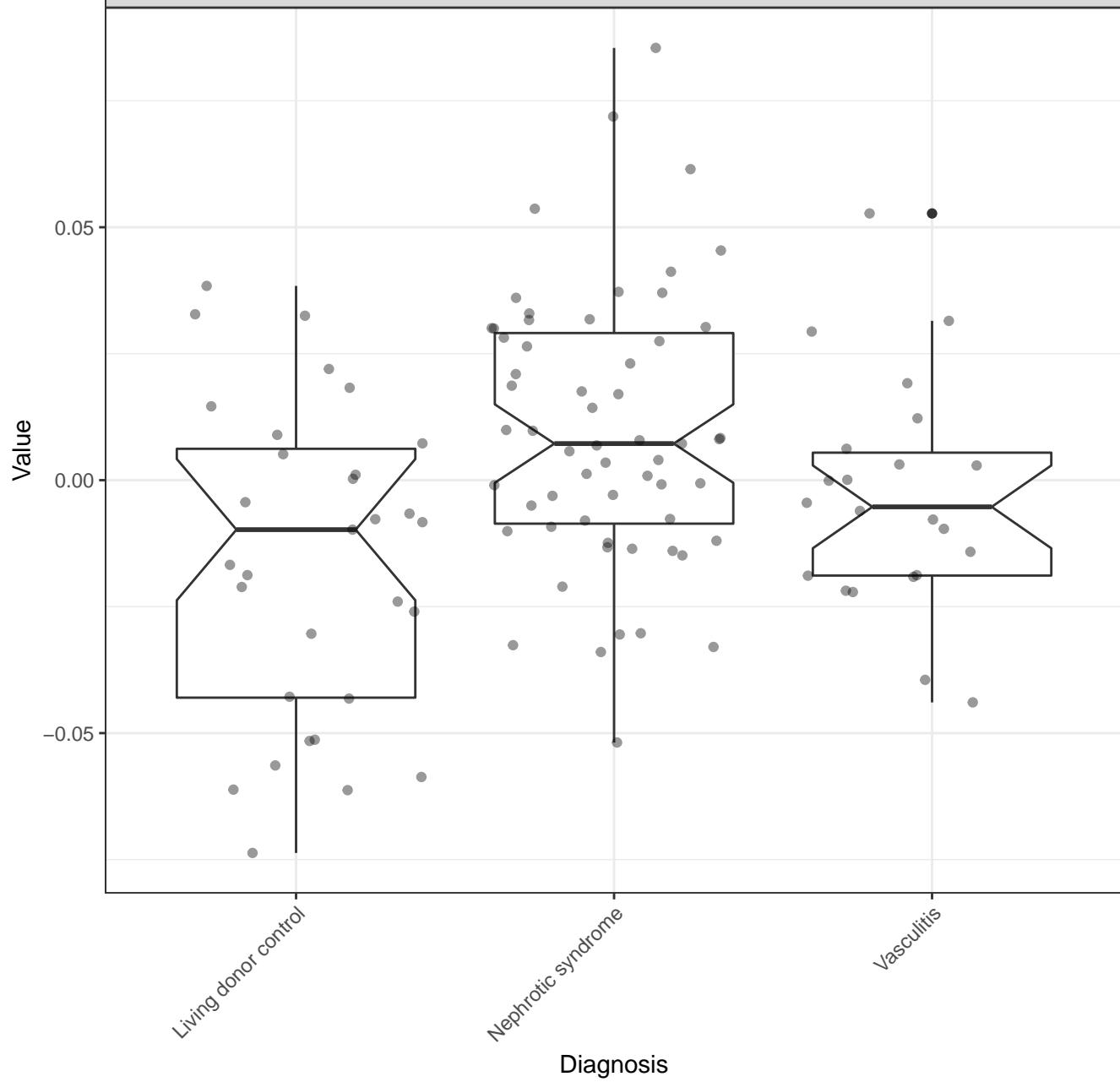
Living donor control

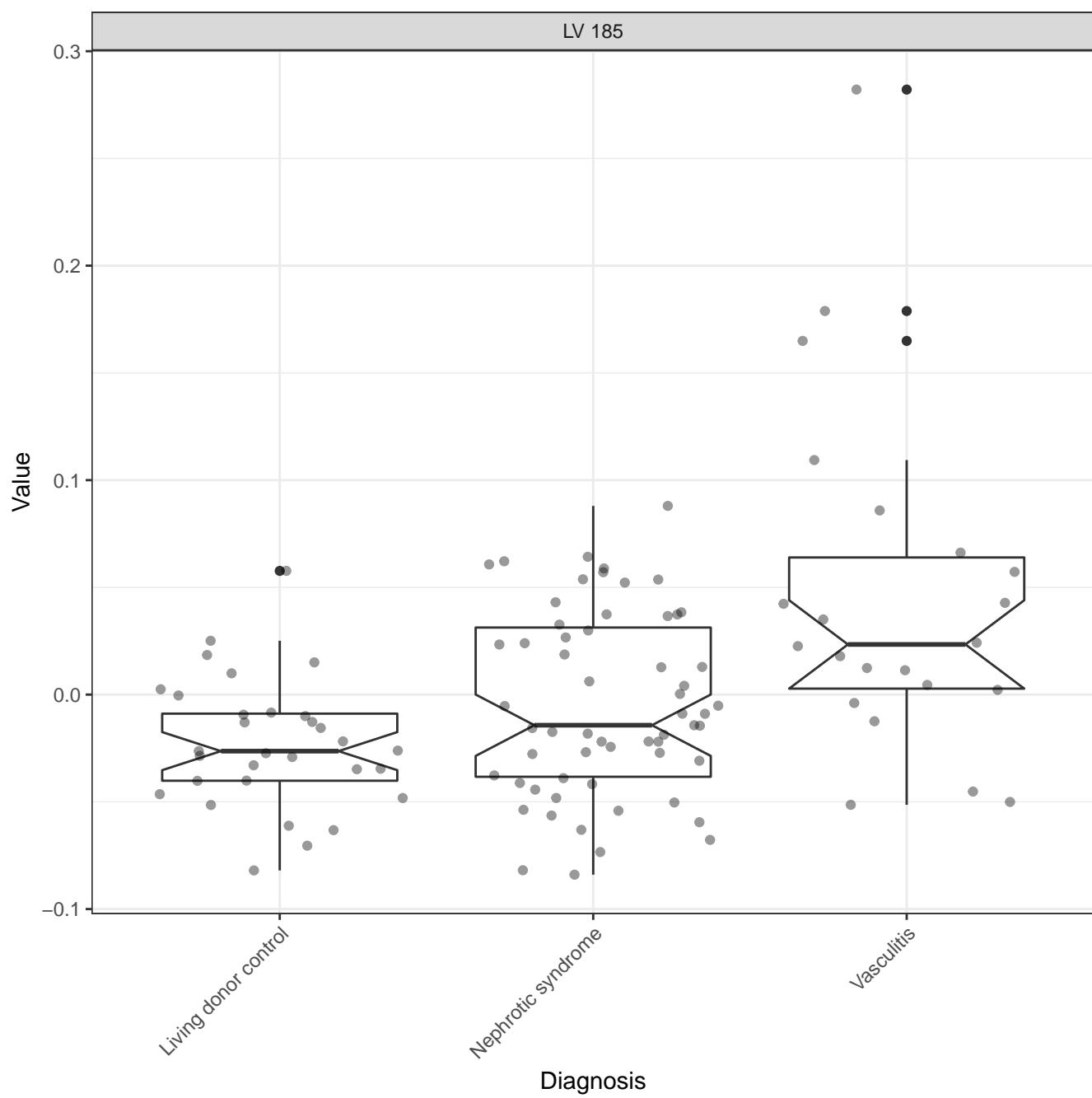
Nephrotic syndrome

Vasculitis

Diagnosis







Value

0.05

0.00

-0.05

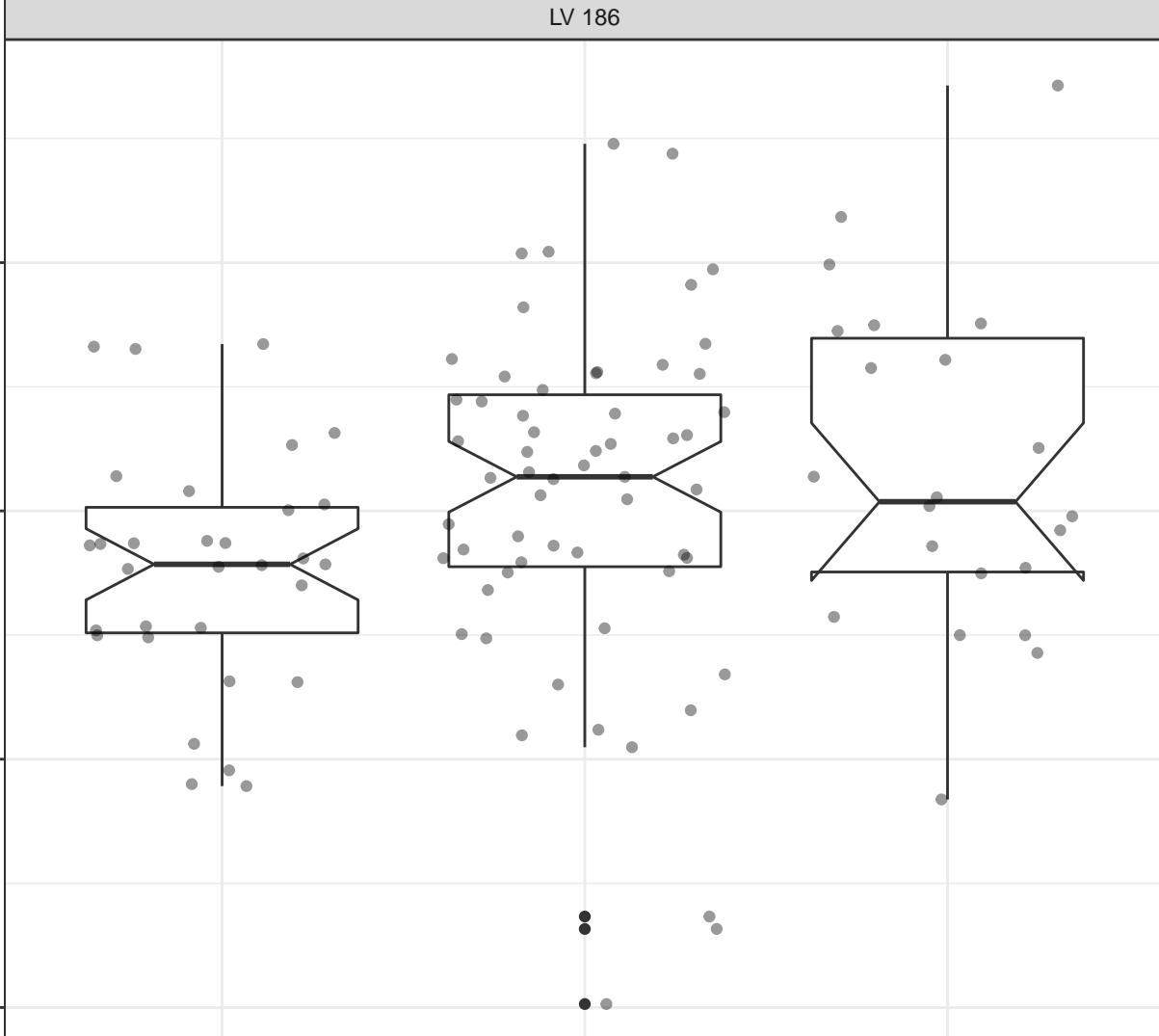
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.08

0.04

0.00

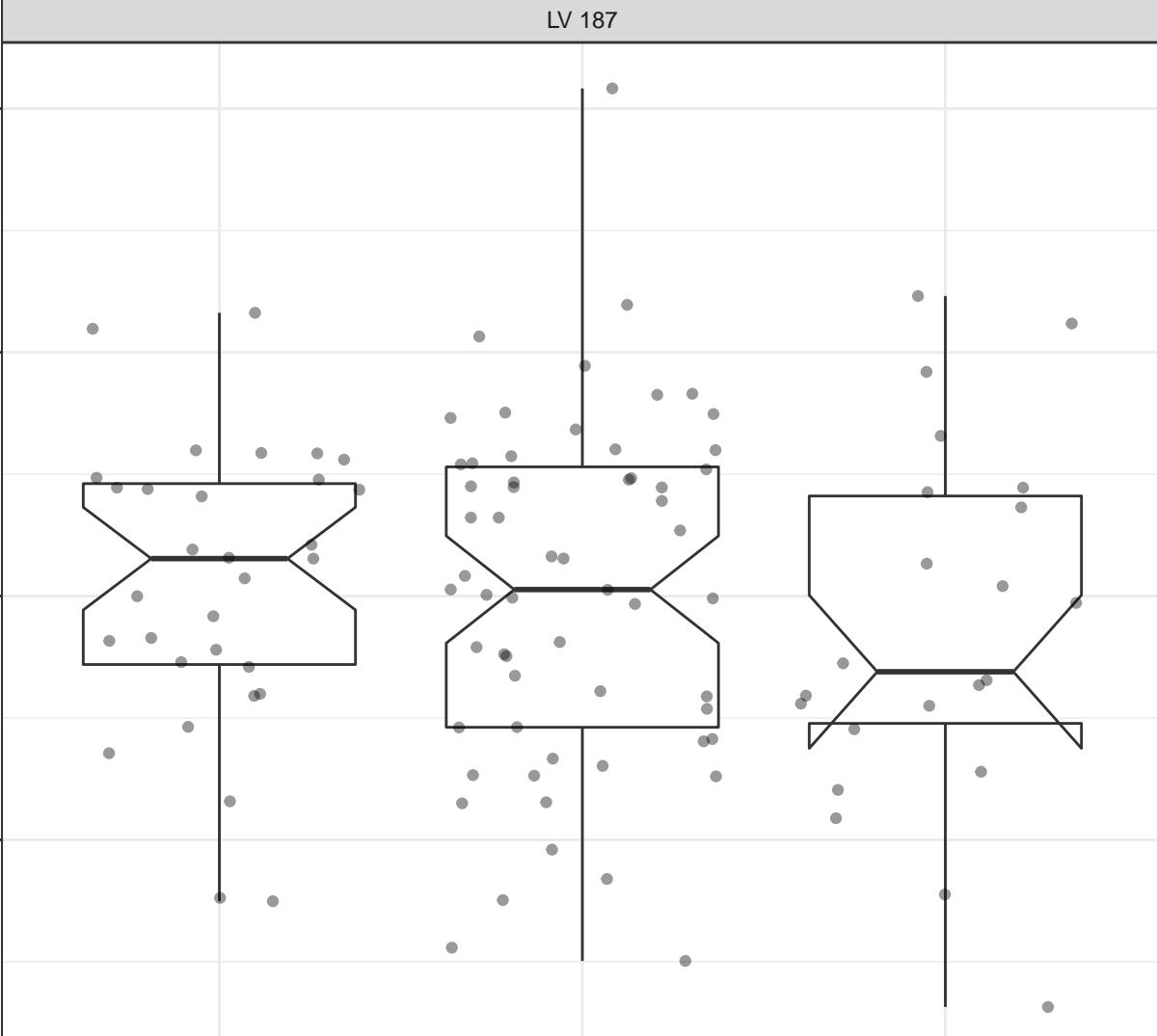
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 188

Value

0.10

0.05

0.00

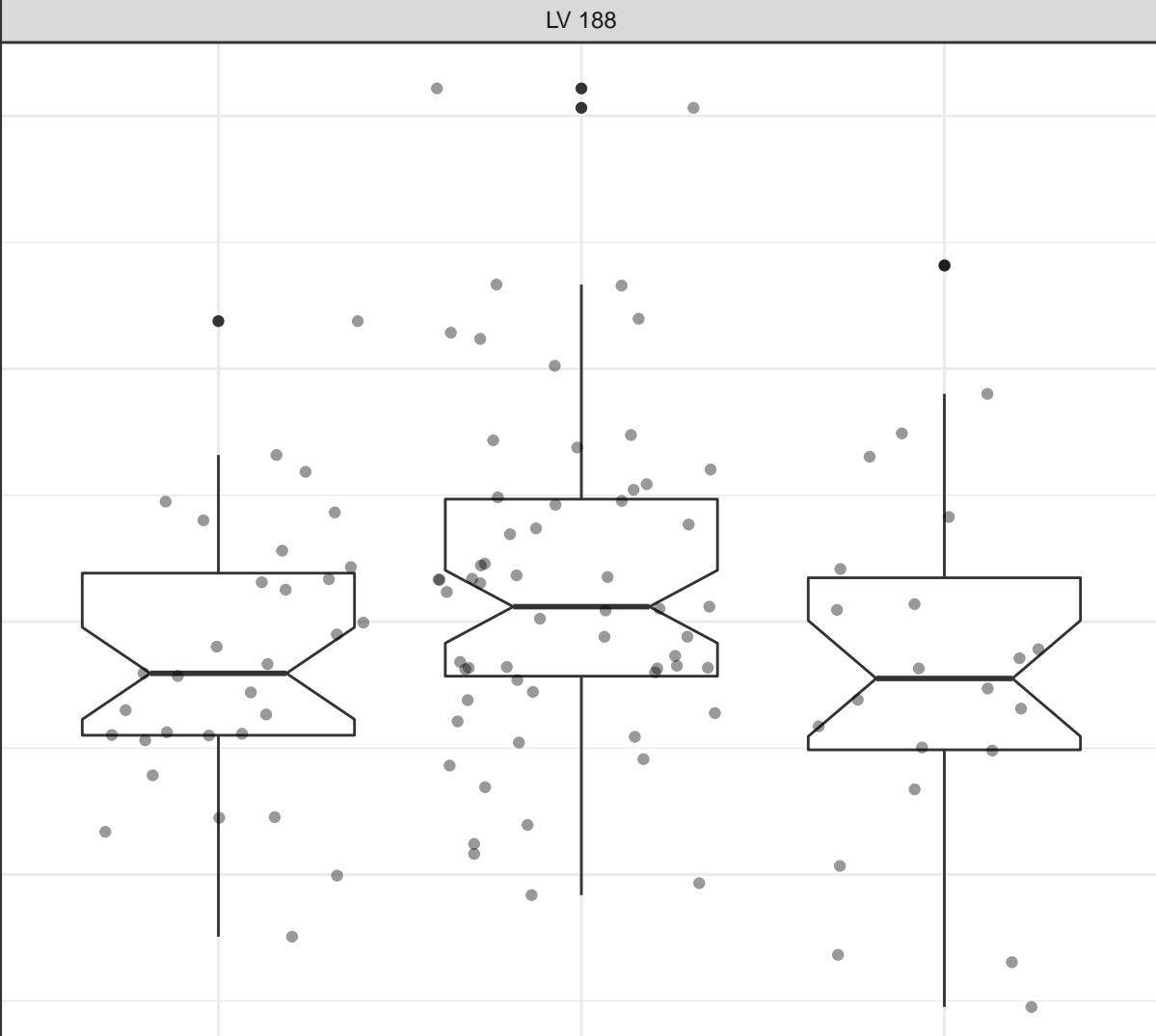
-0.05

Living donor control

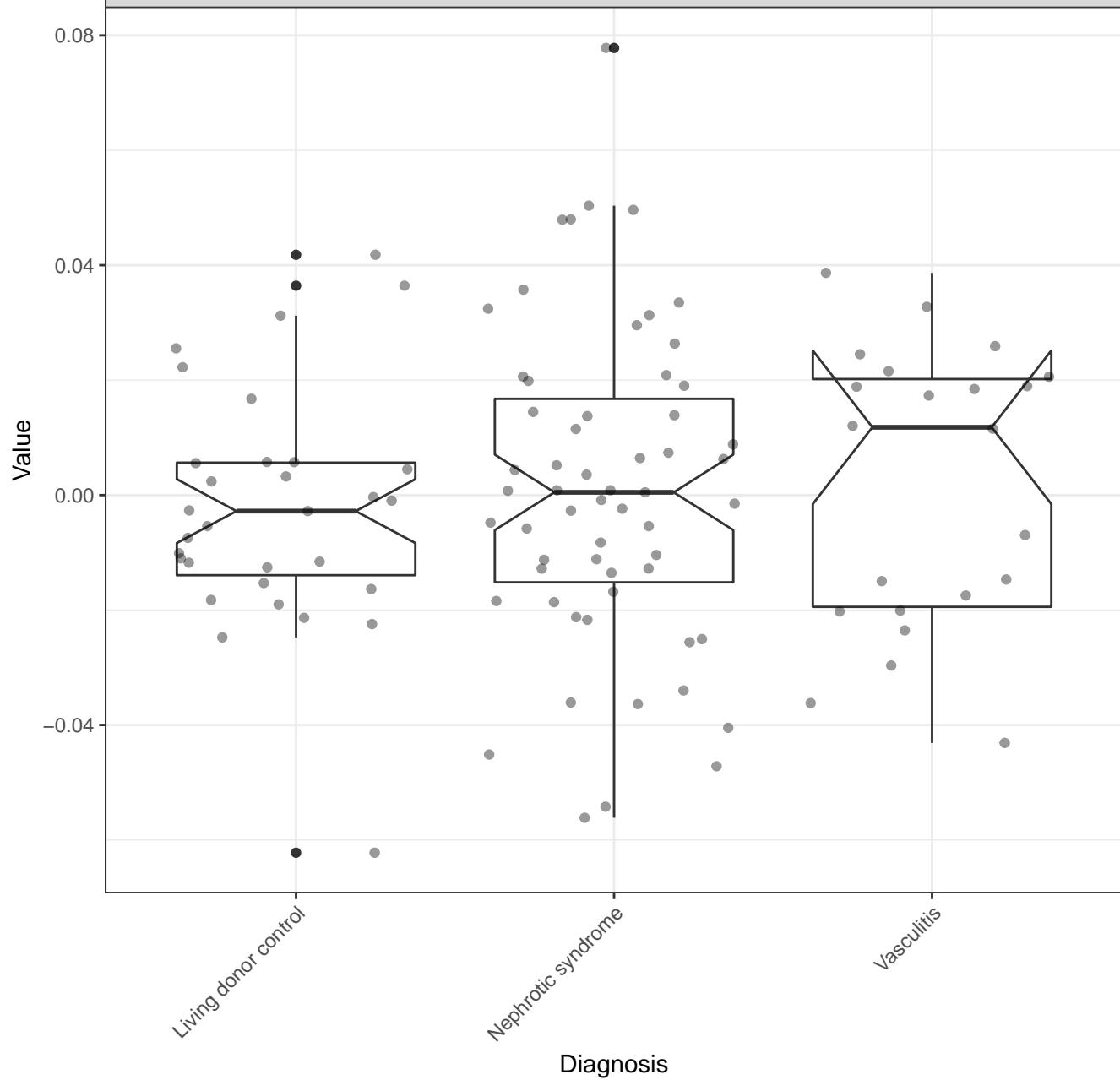
Nephrotic syndrome

Vasculitis

Diagnosis



LV 189



Value

0.03

0.01

-0.03

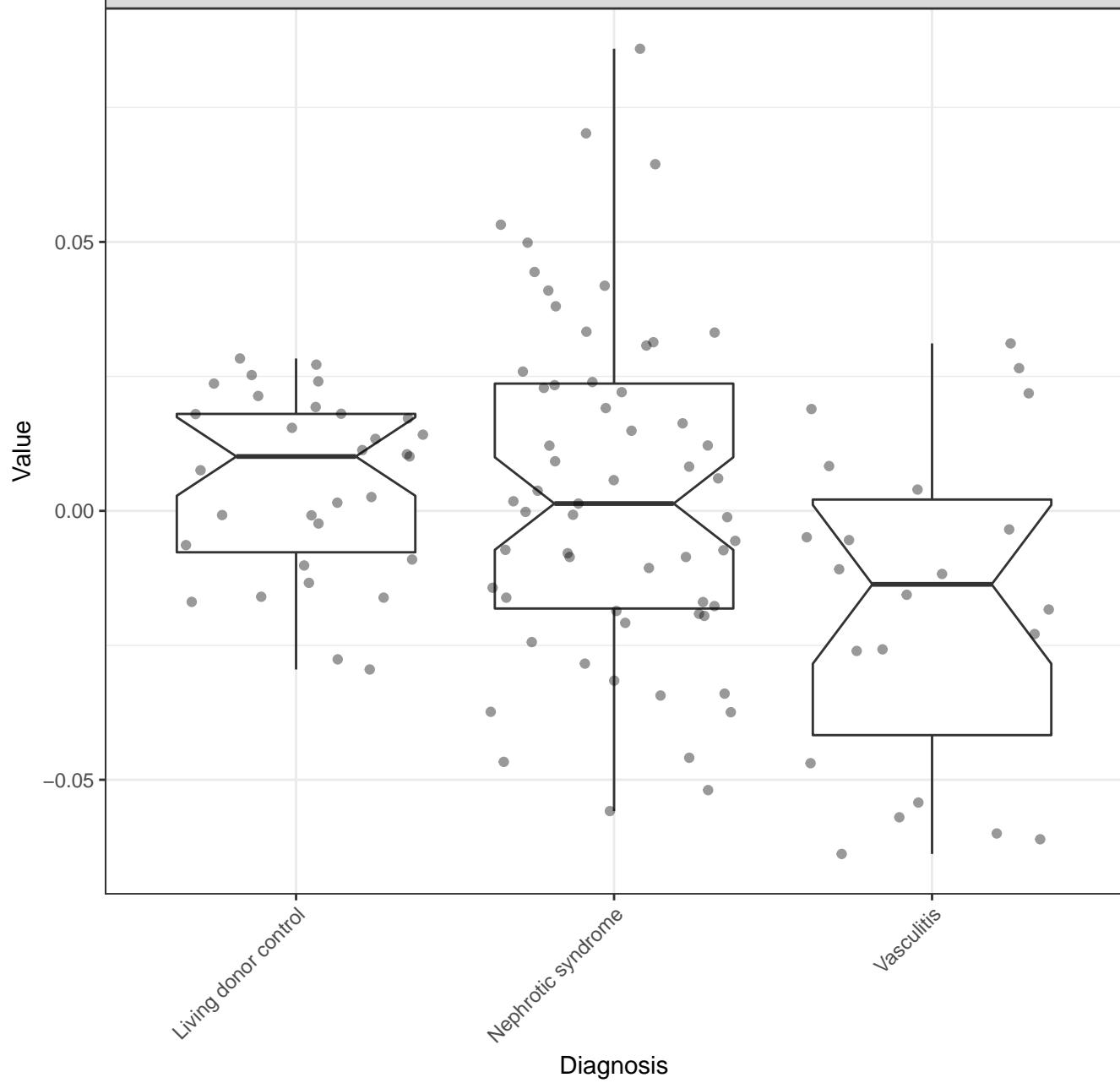
-0.06

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

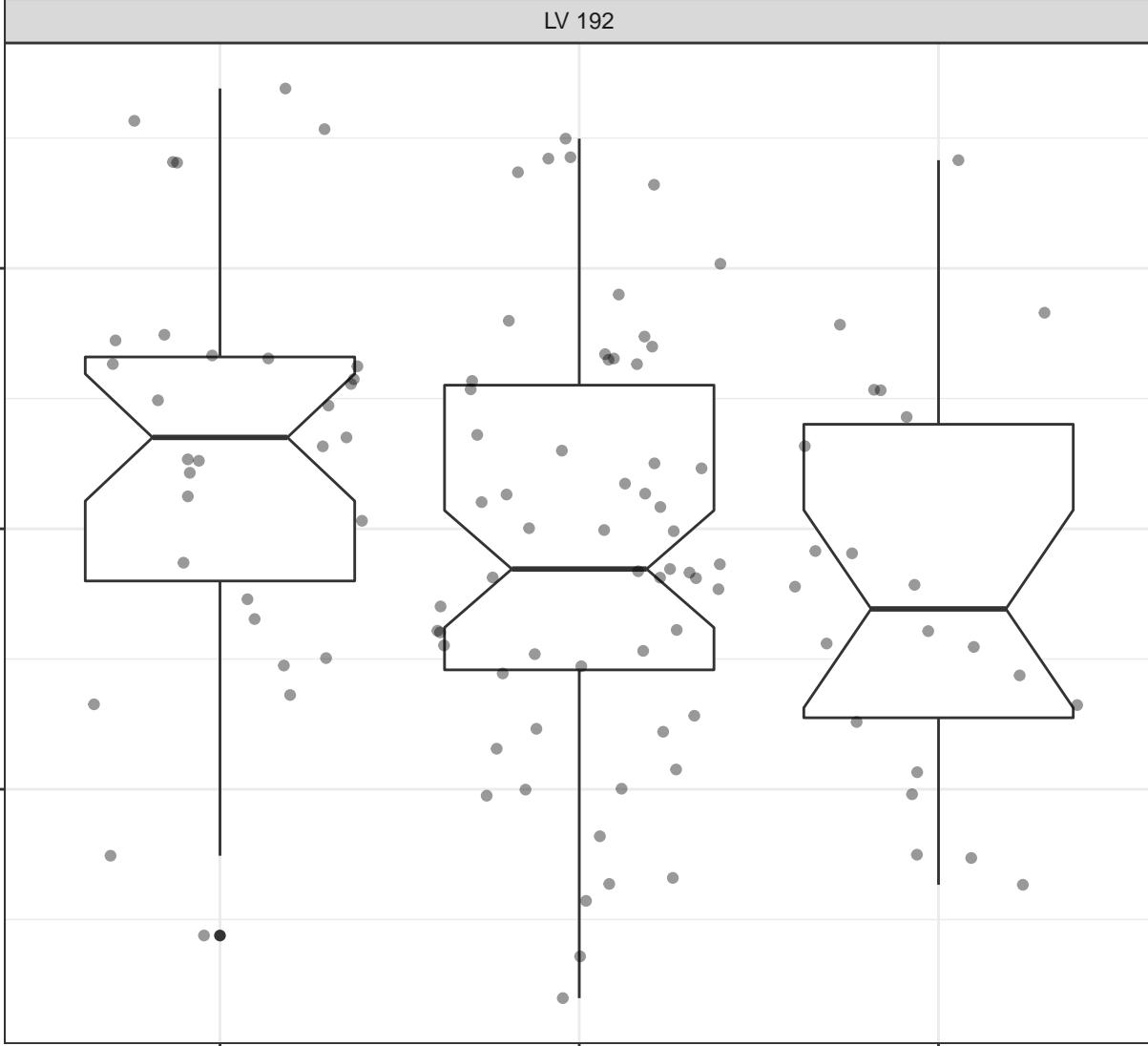
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

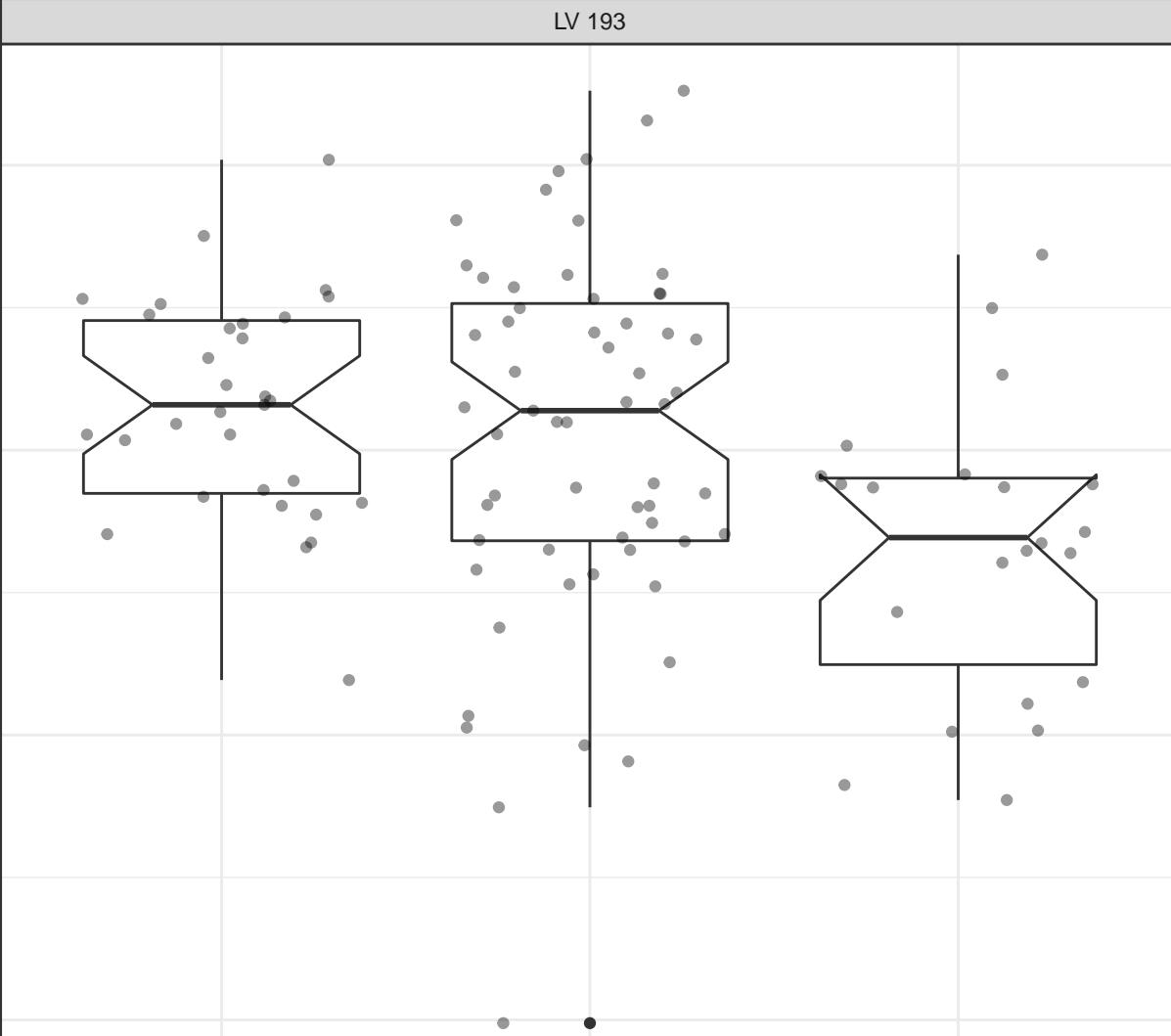
-0.10

Living donor control

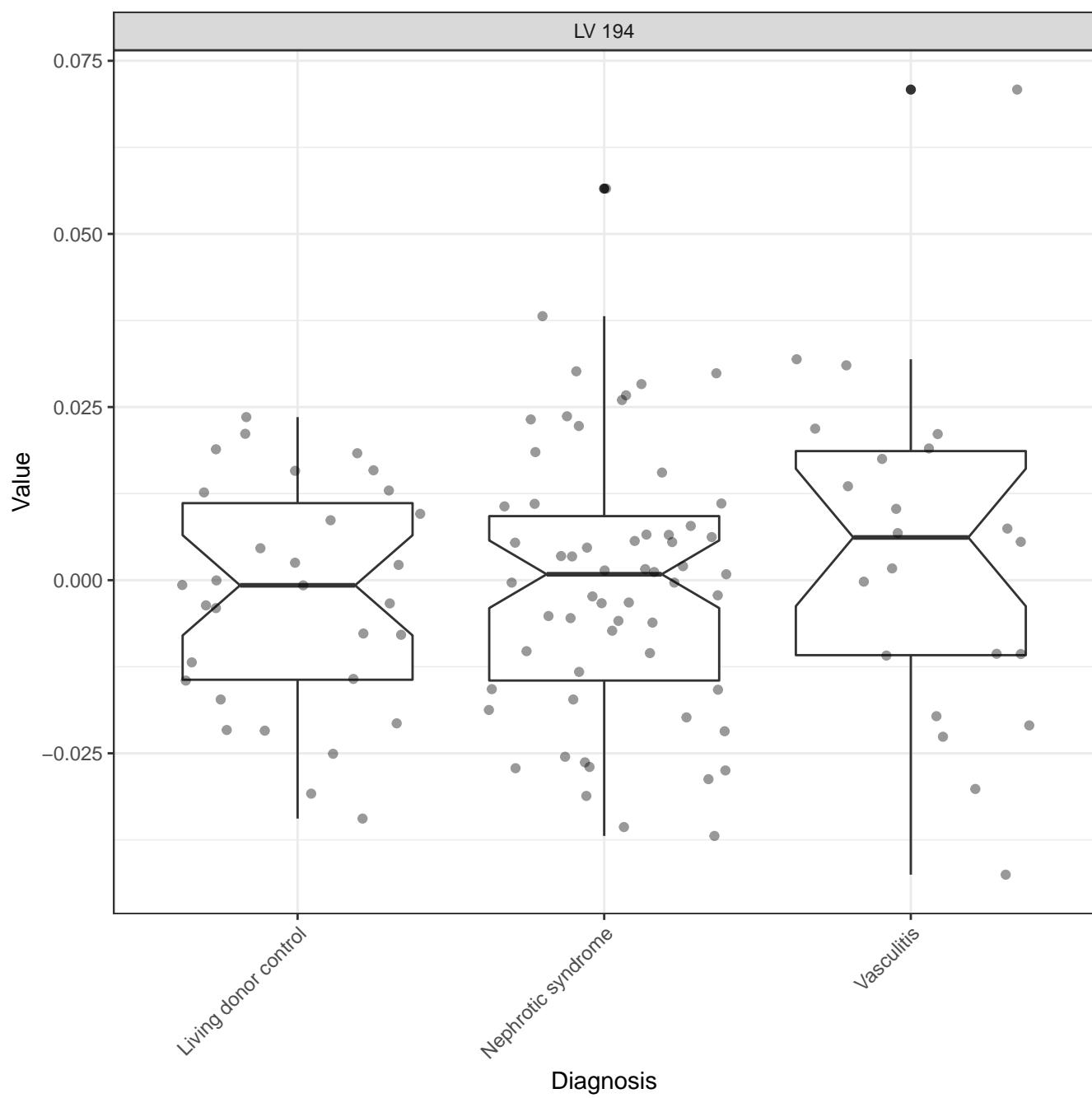
Nephrotic syndrome

Vasculitis

Diagnosis



LV 194



LV 195

Value

0.06

0.03

0.00

-0.03

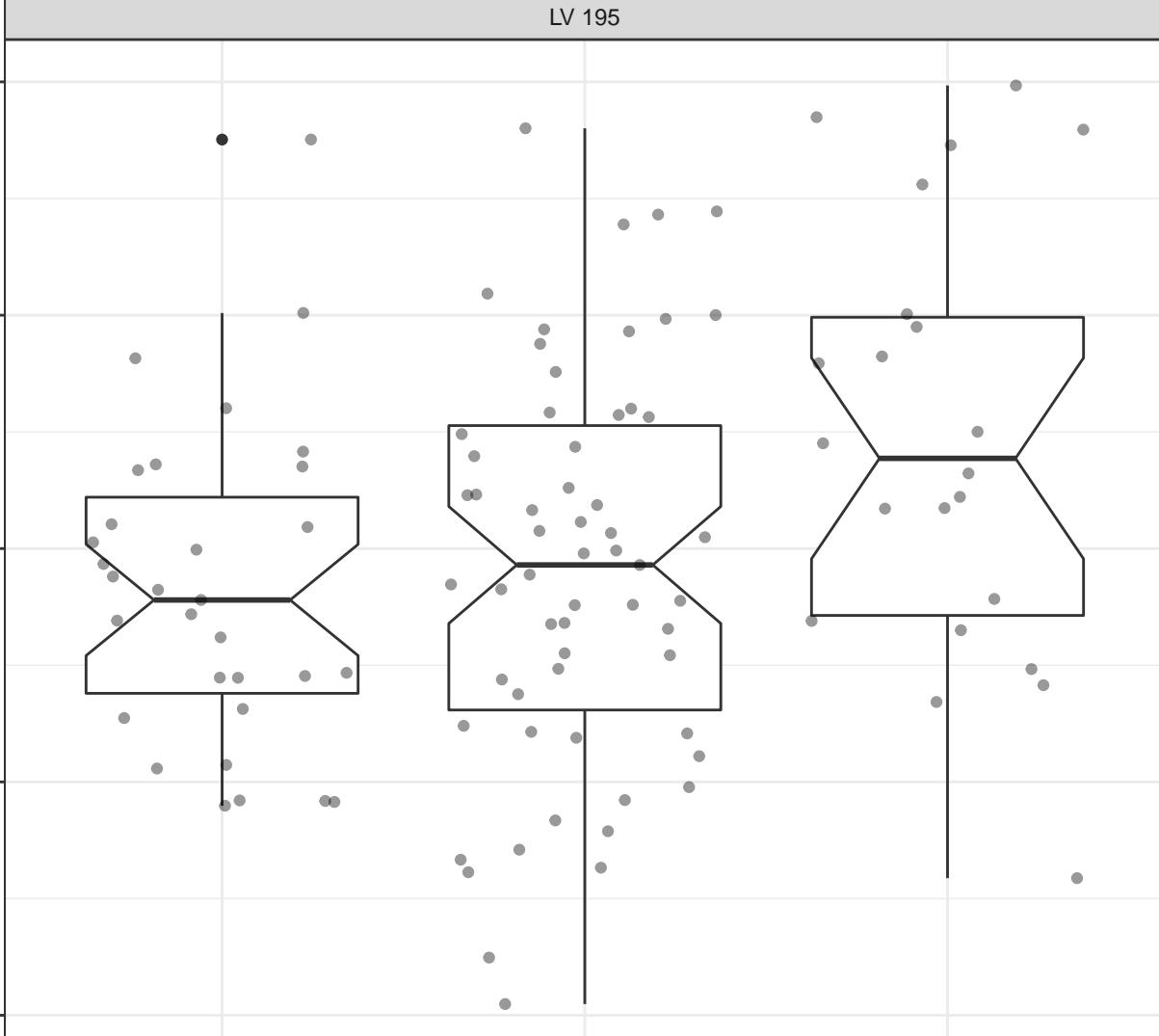
-0.06

Living donor control

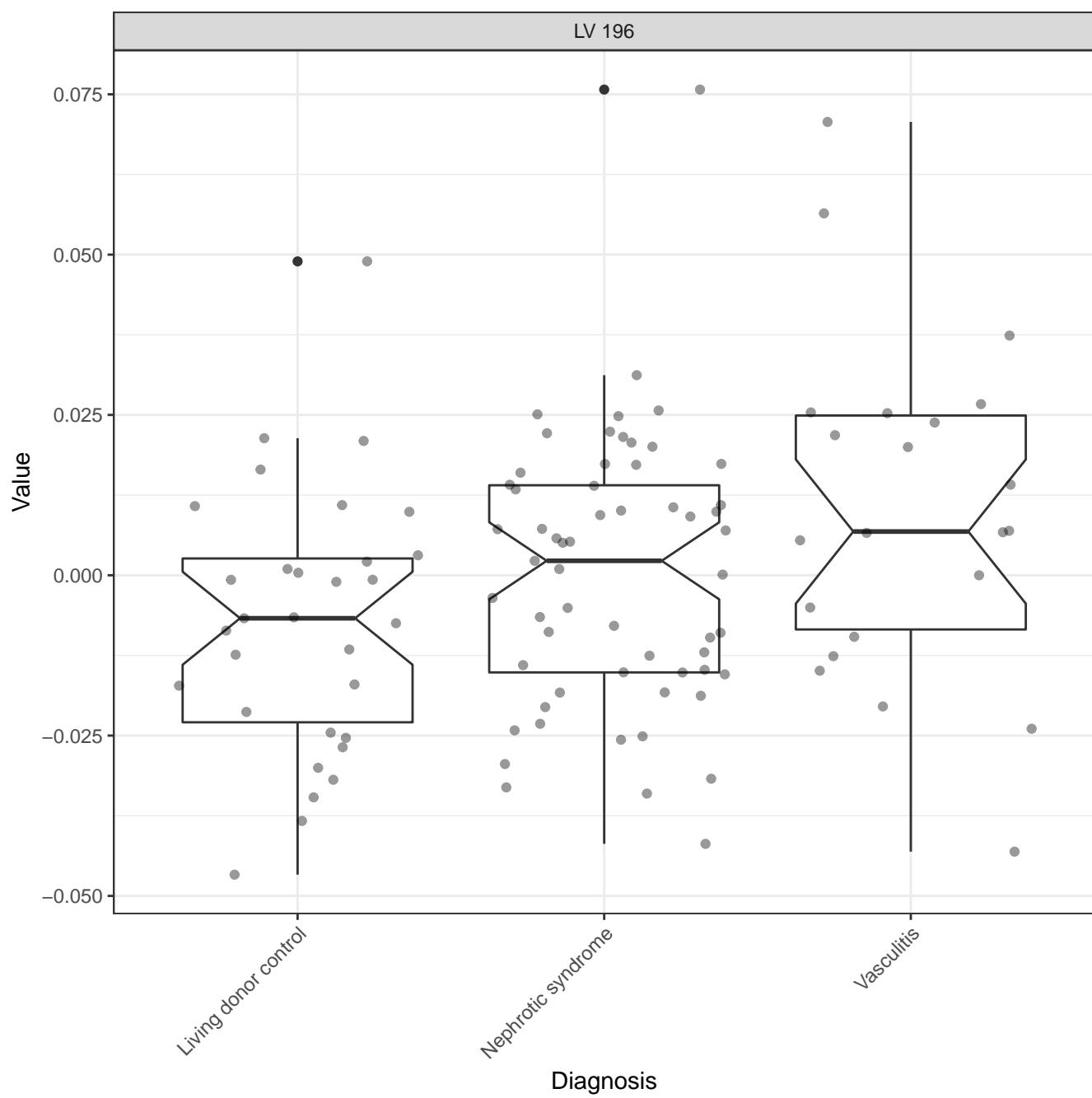
Nephrotic syndrome

Vasculitis

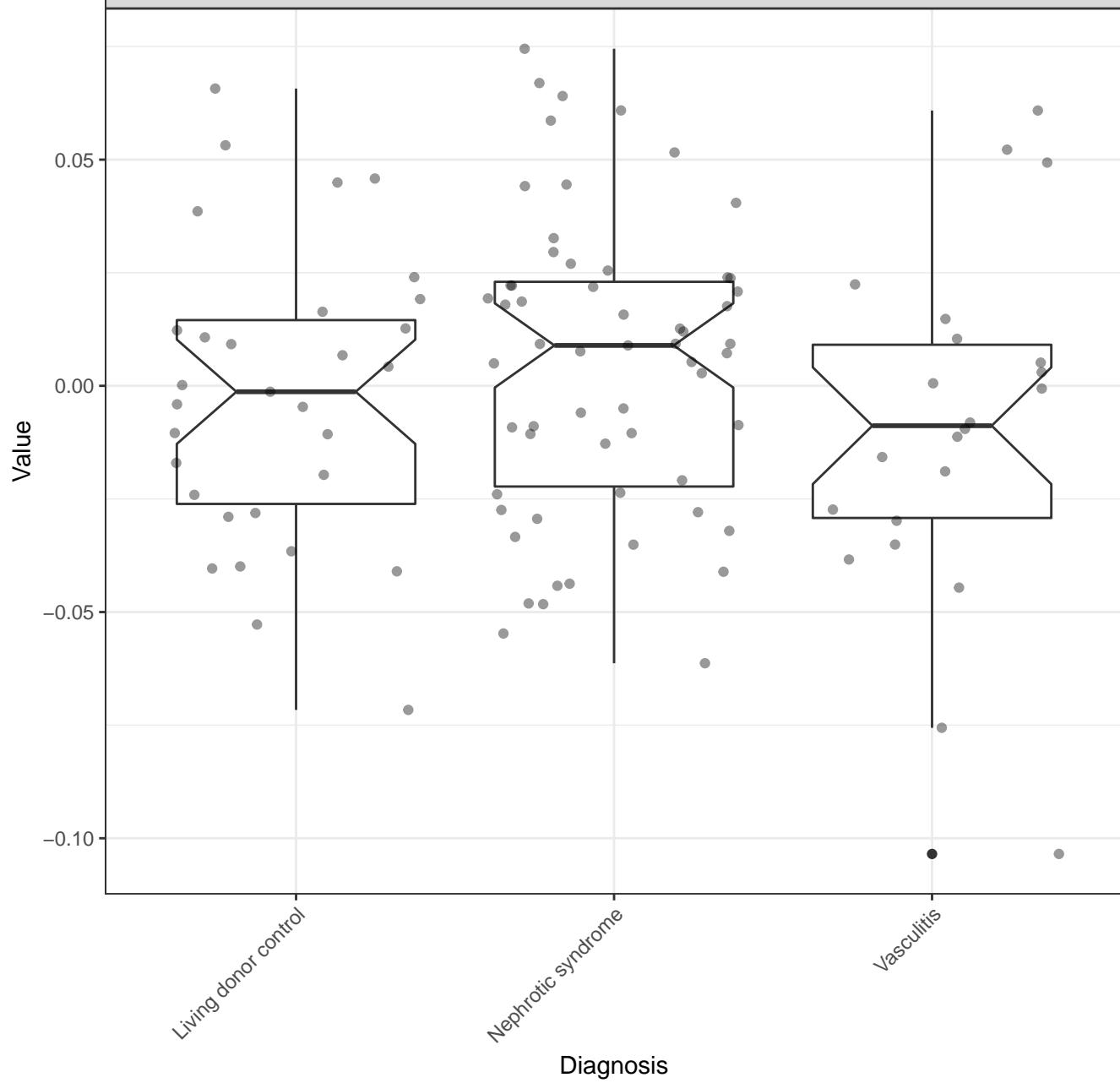
Diagnosis



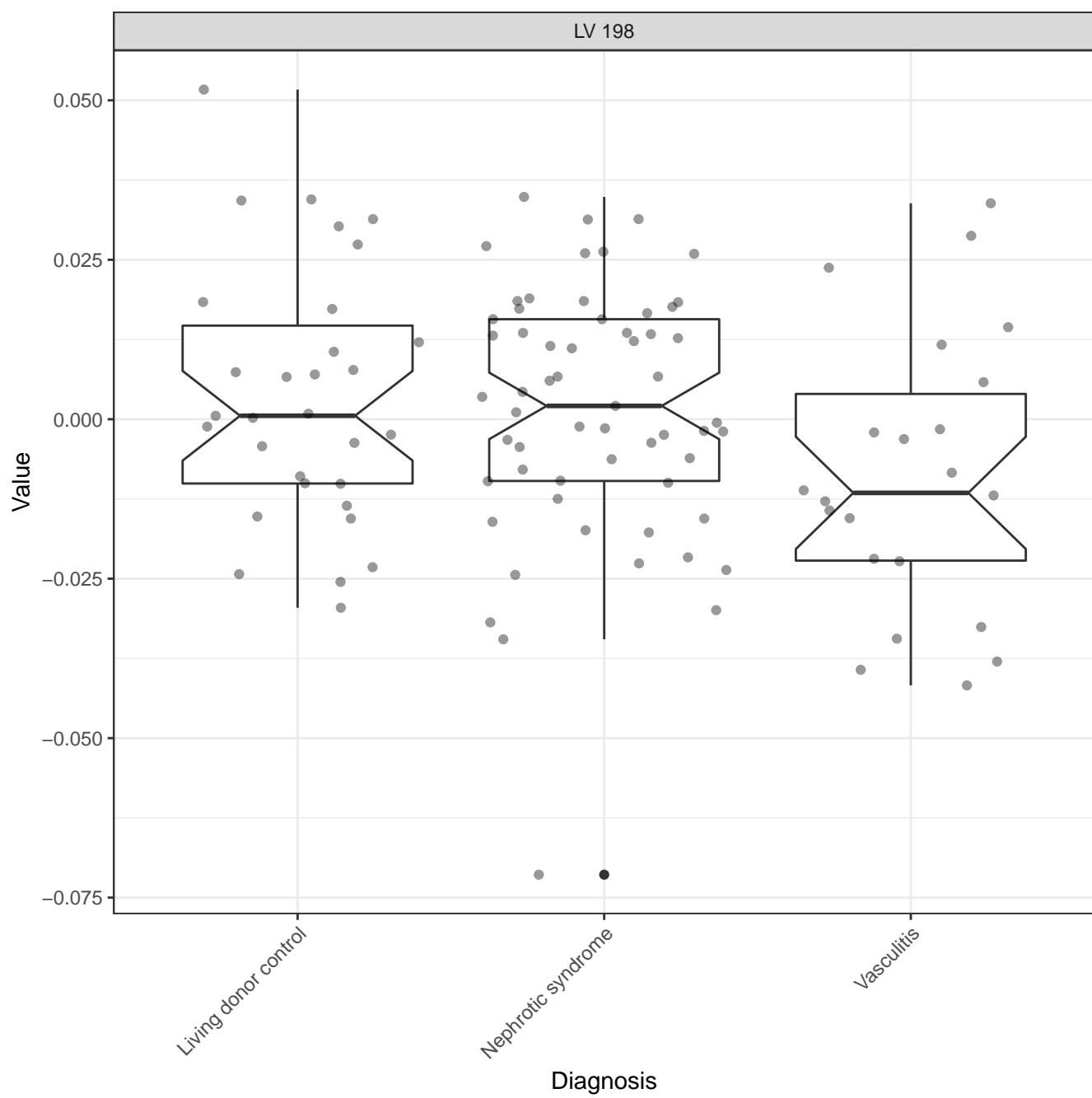
LV 196



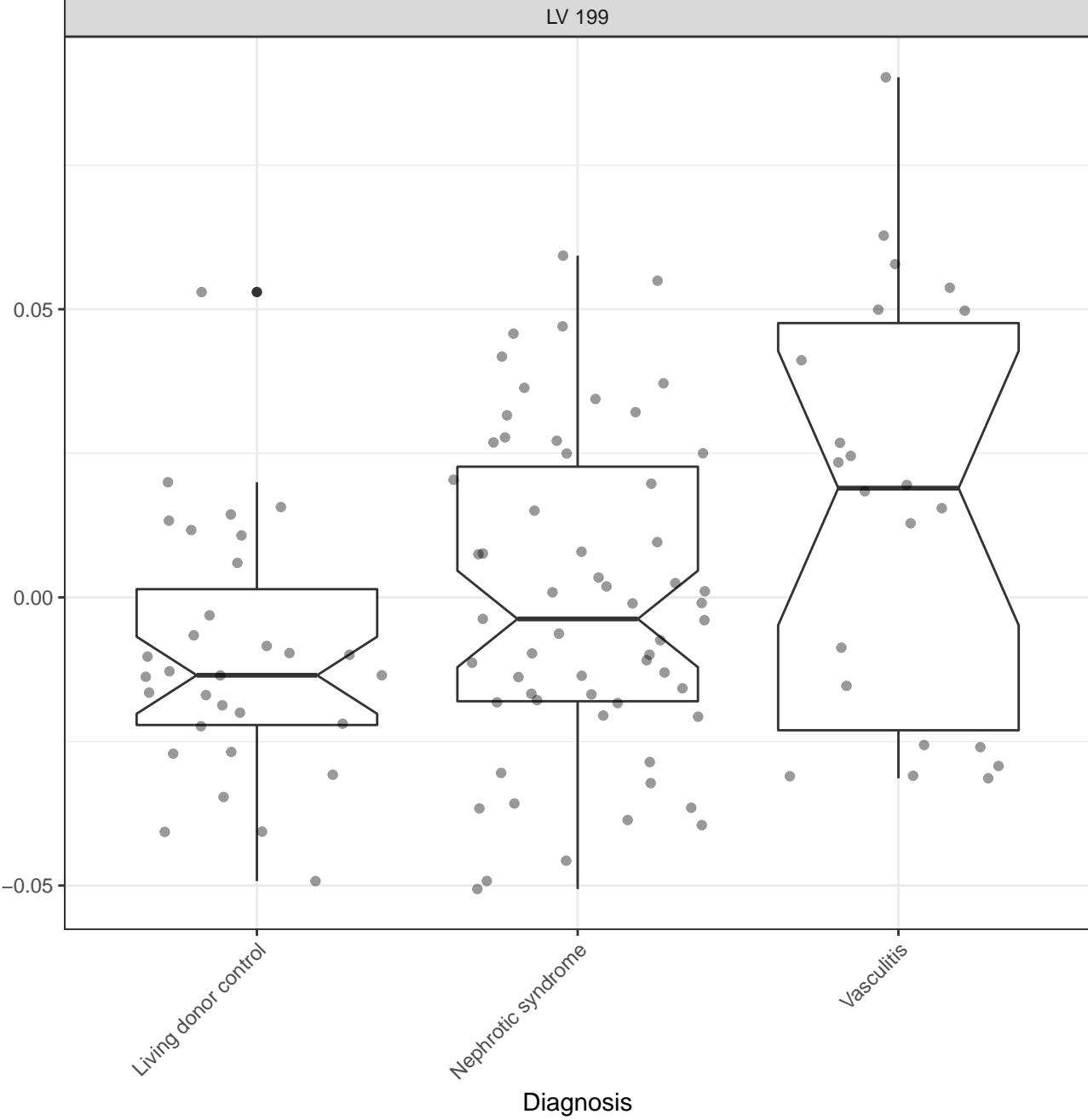
# 197,KEGG\_ERBB\_SIGNALING\_PATHWAY



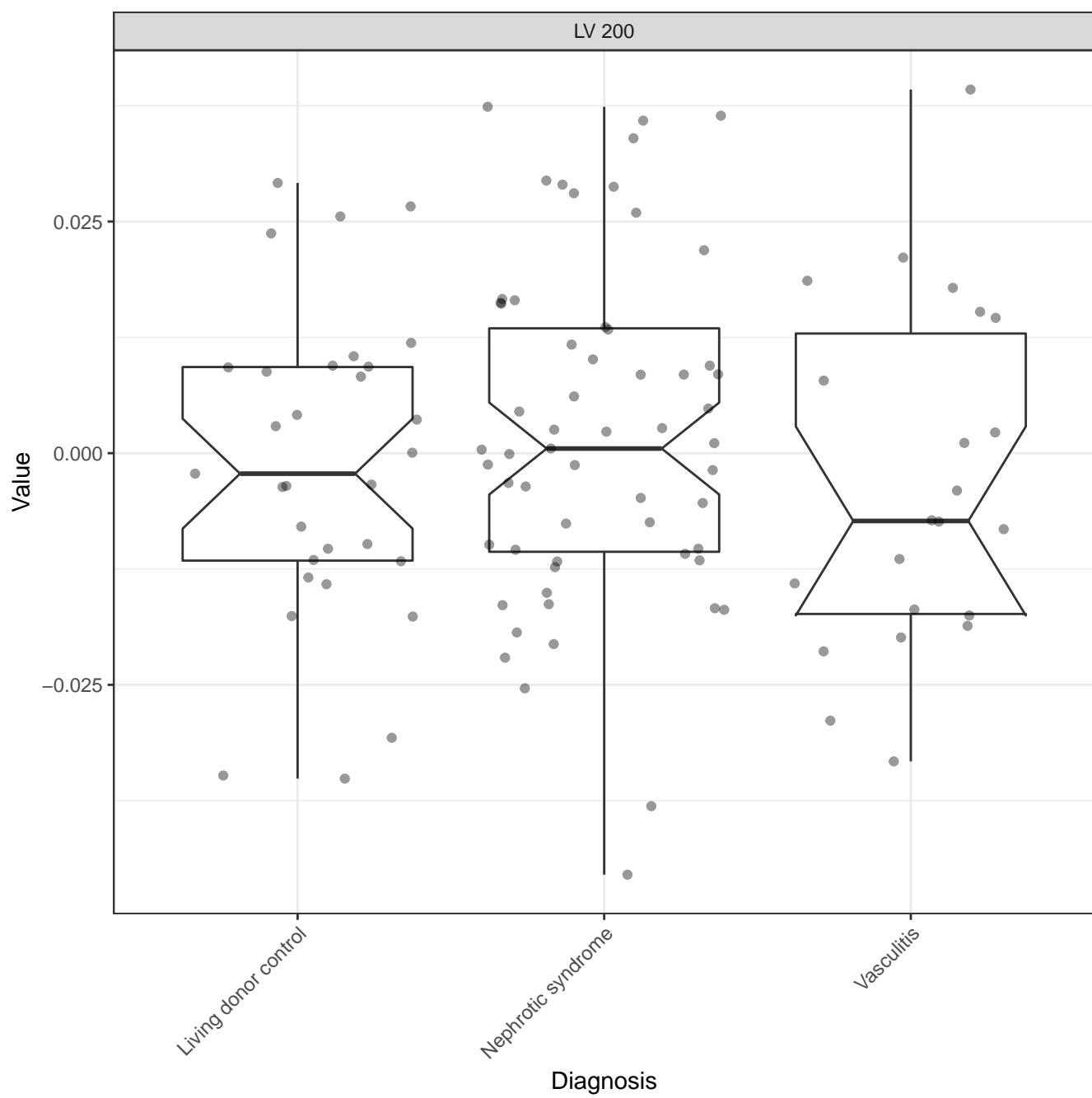
LV 198



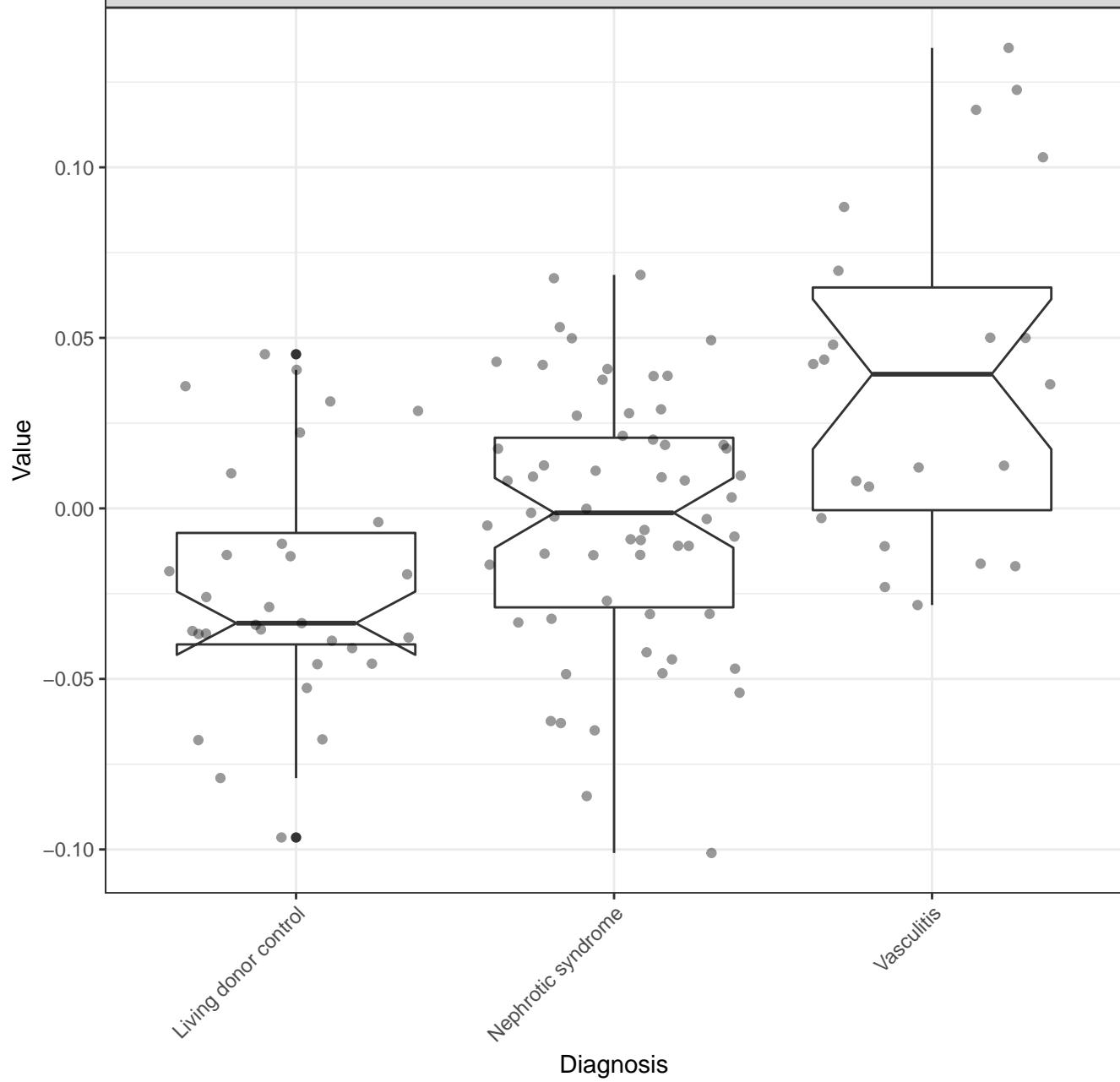
Value



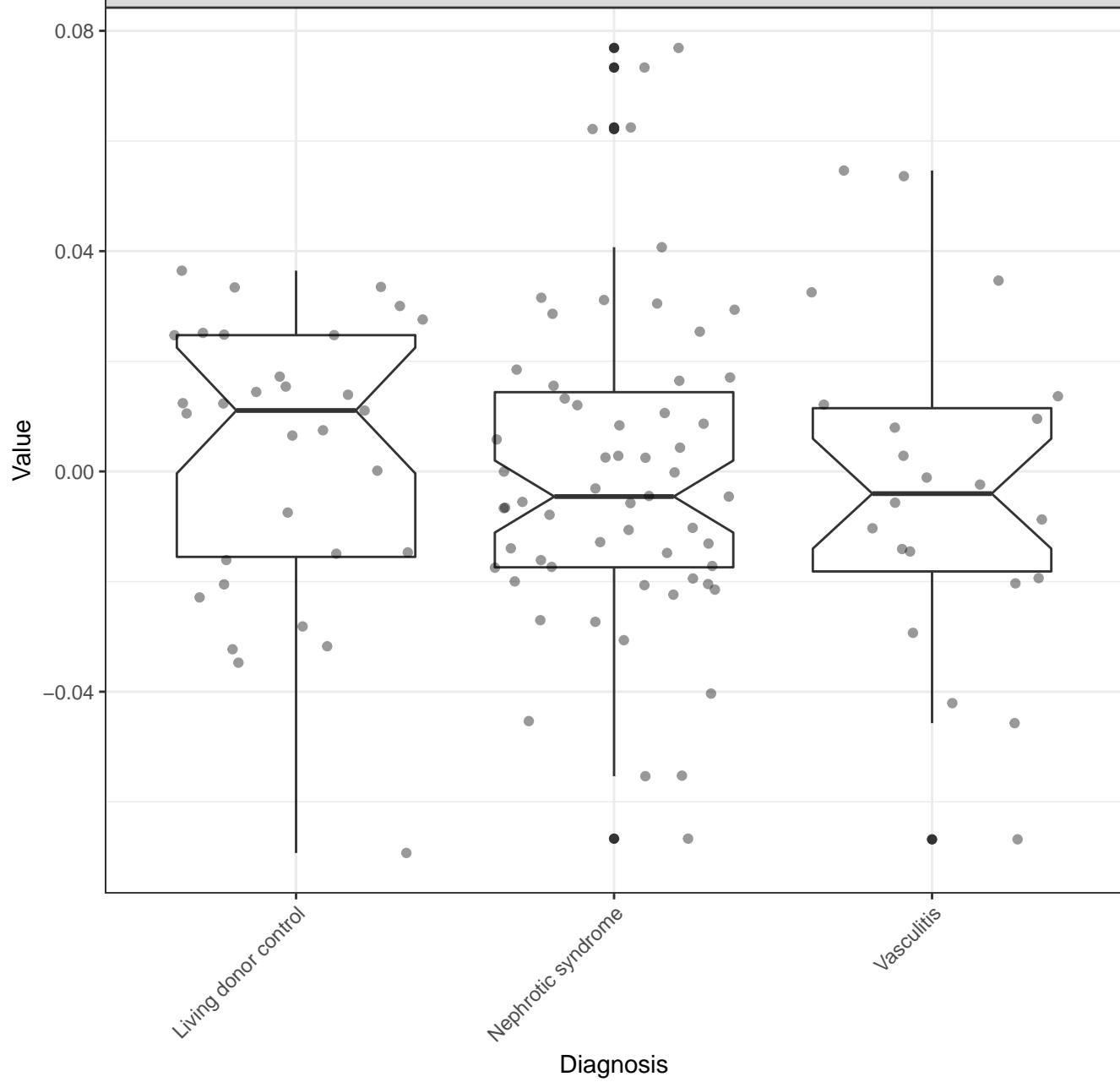
LV 200



## 201,MIPS\_MEDIATOR\_COMPLEX



LV 202



Value

0.05

0.00

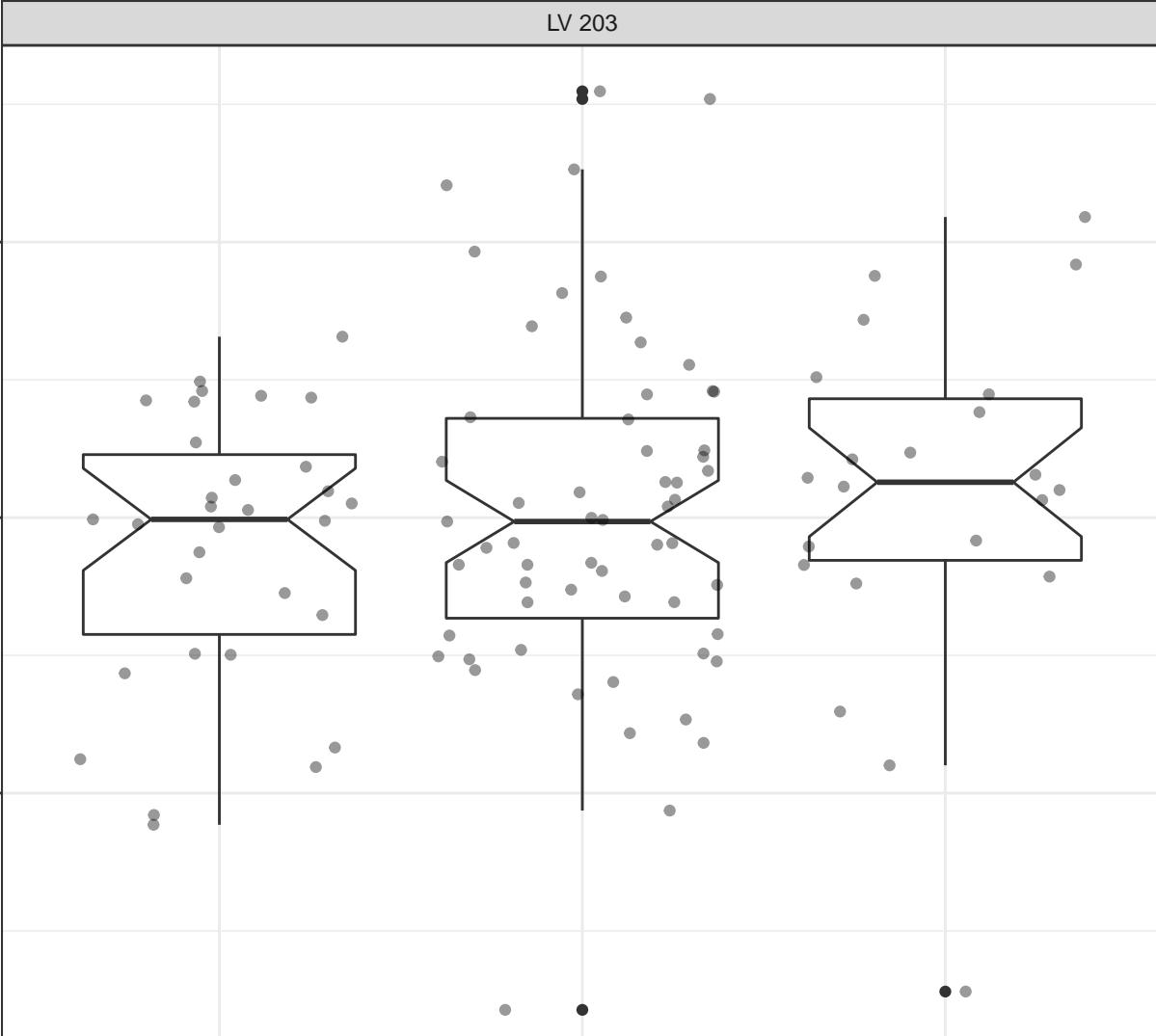
-0.05

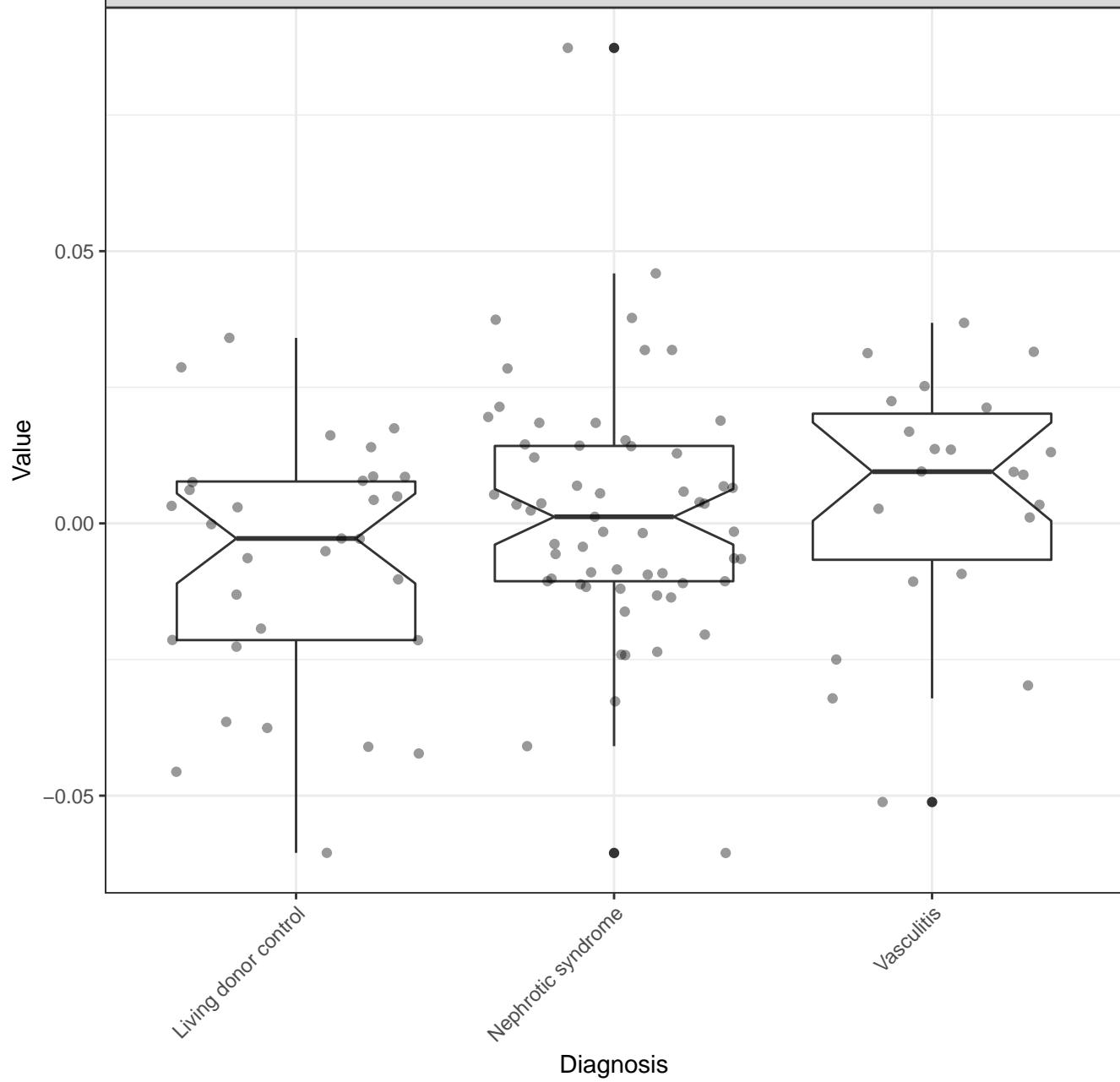
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.05

0.00

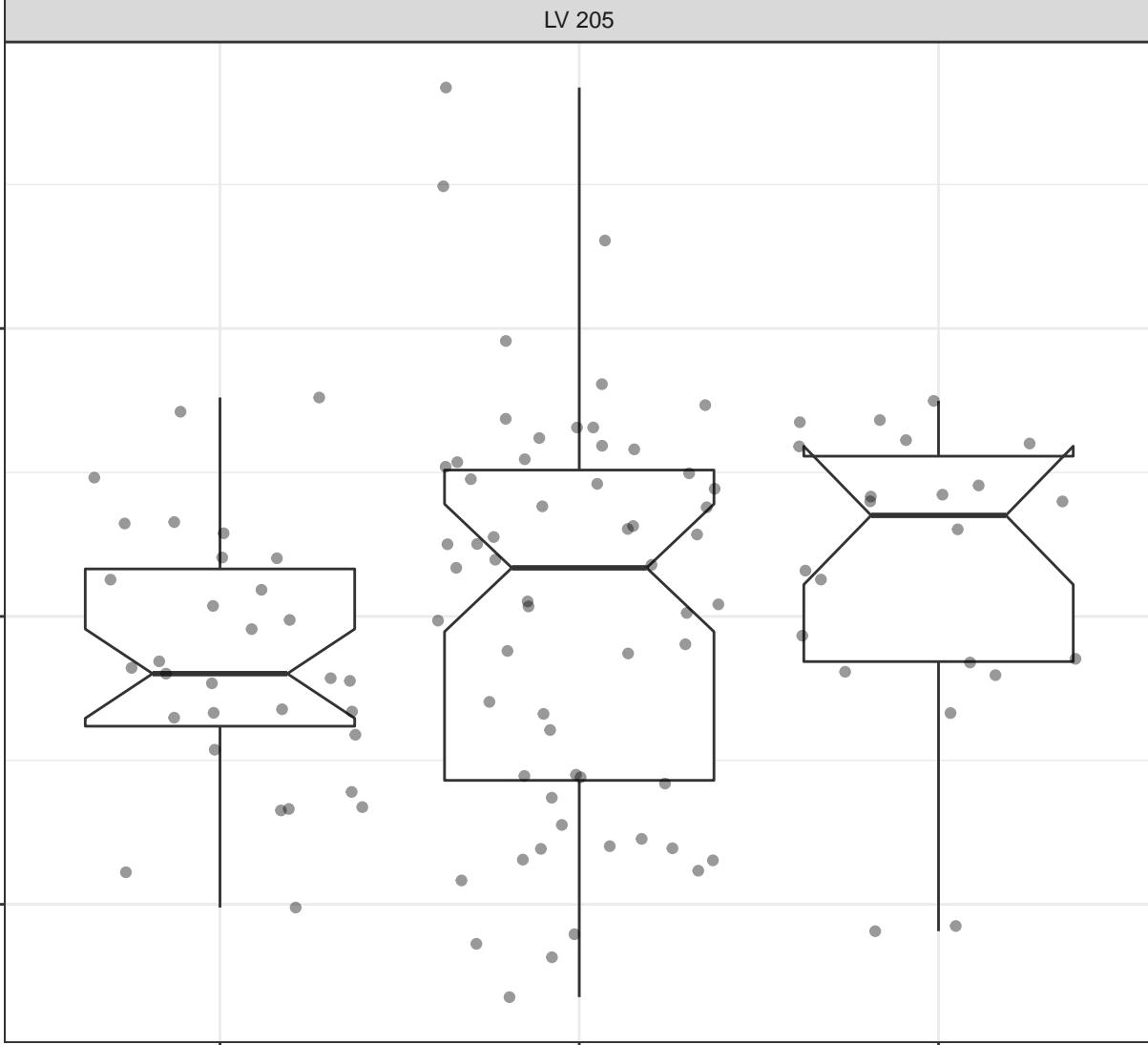
-0.05

Living donor control

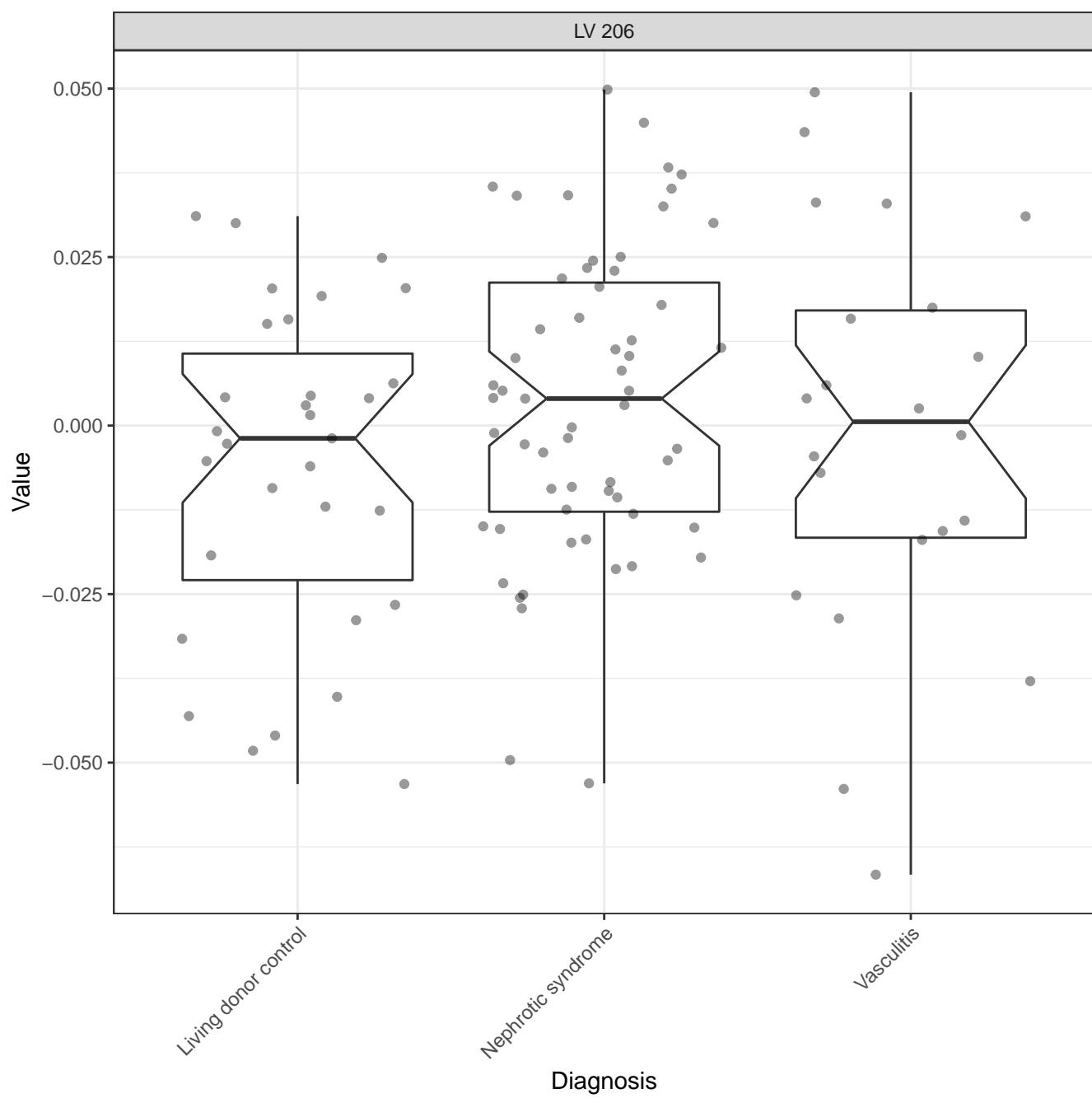
Nephrotic syndrome

Vasculitis

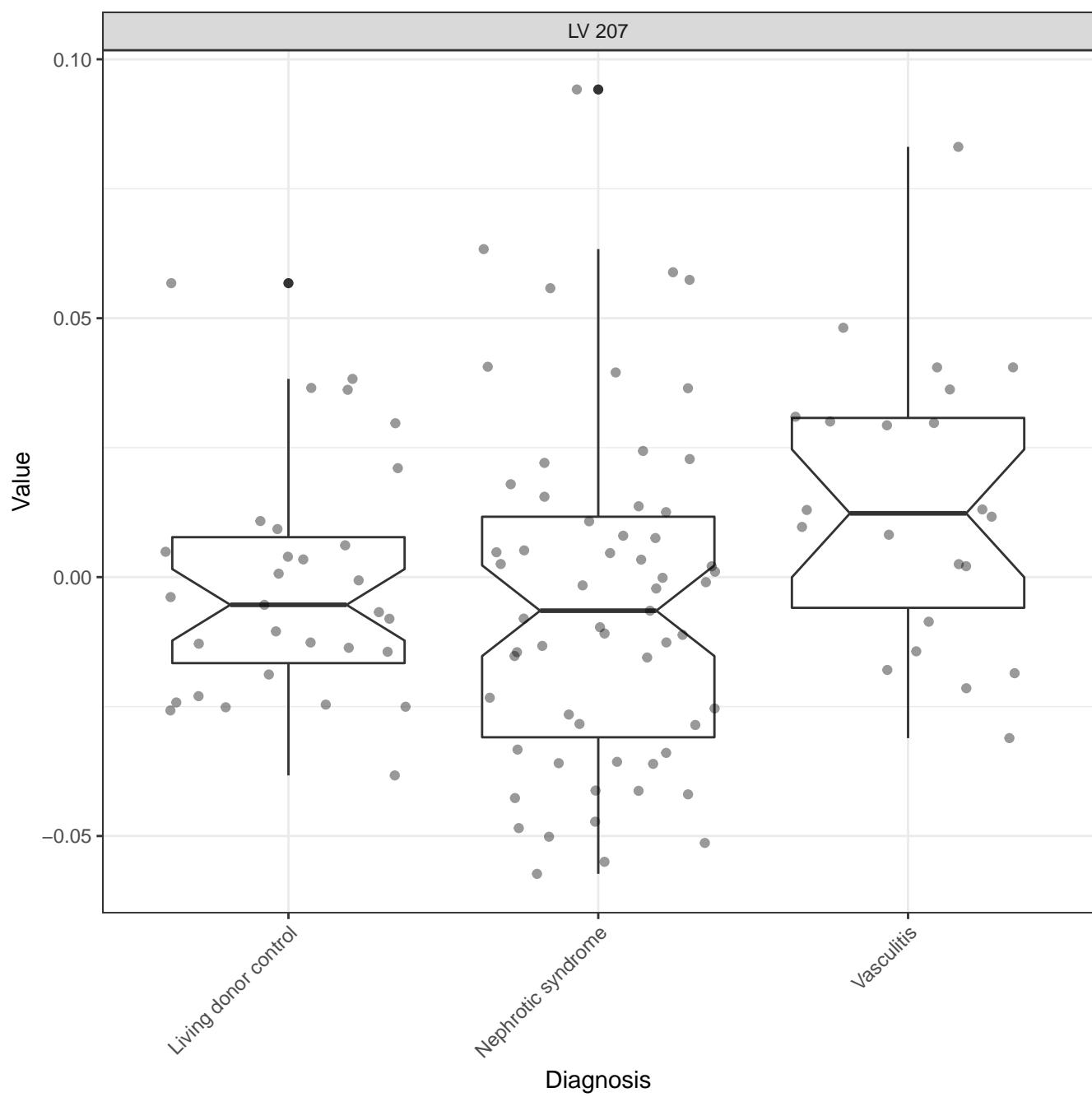
Diagnosis



LV 206



LV 207



## LV 208

Value

0.05

0.00

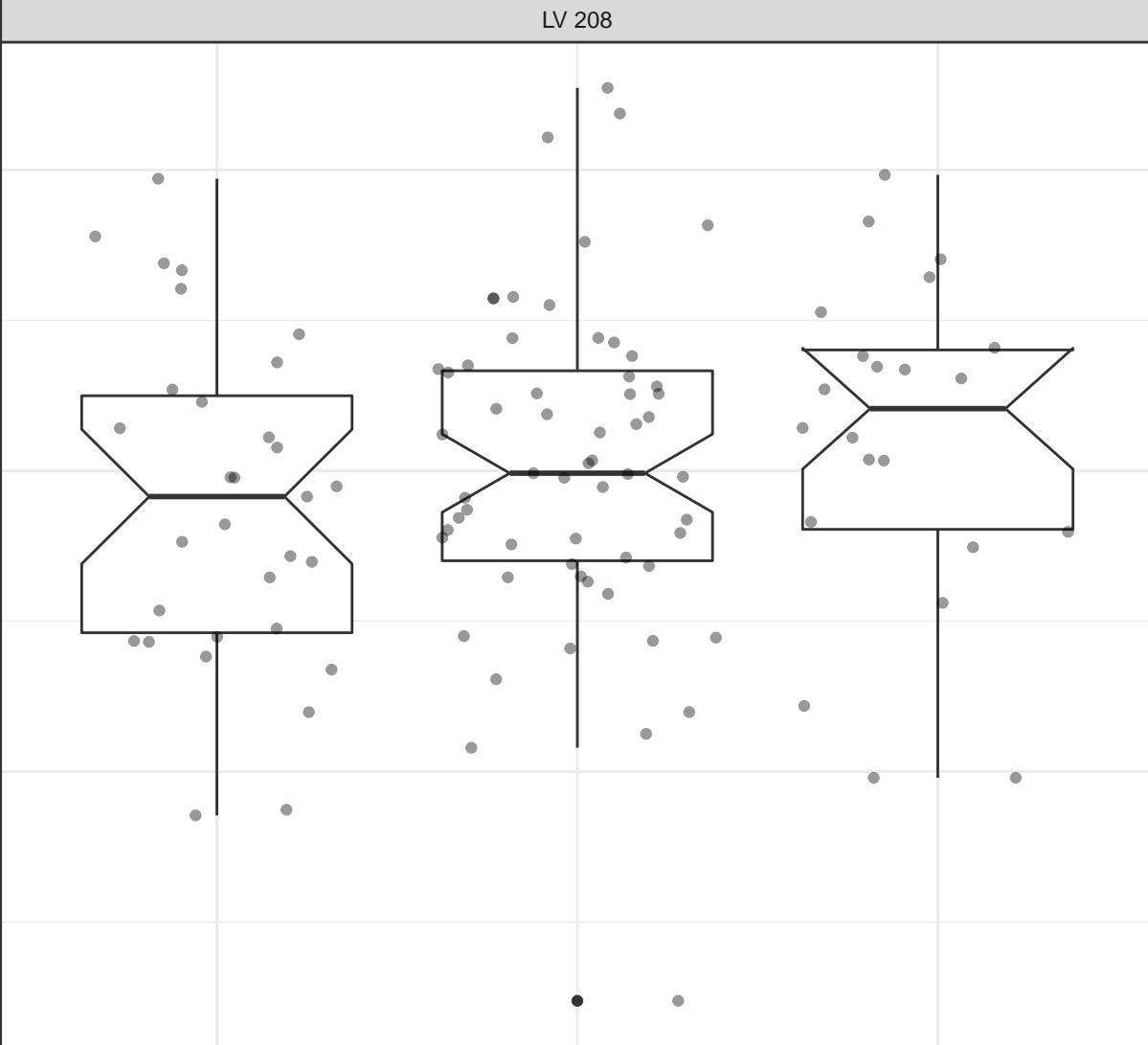
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

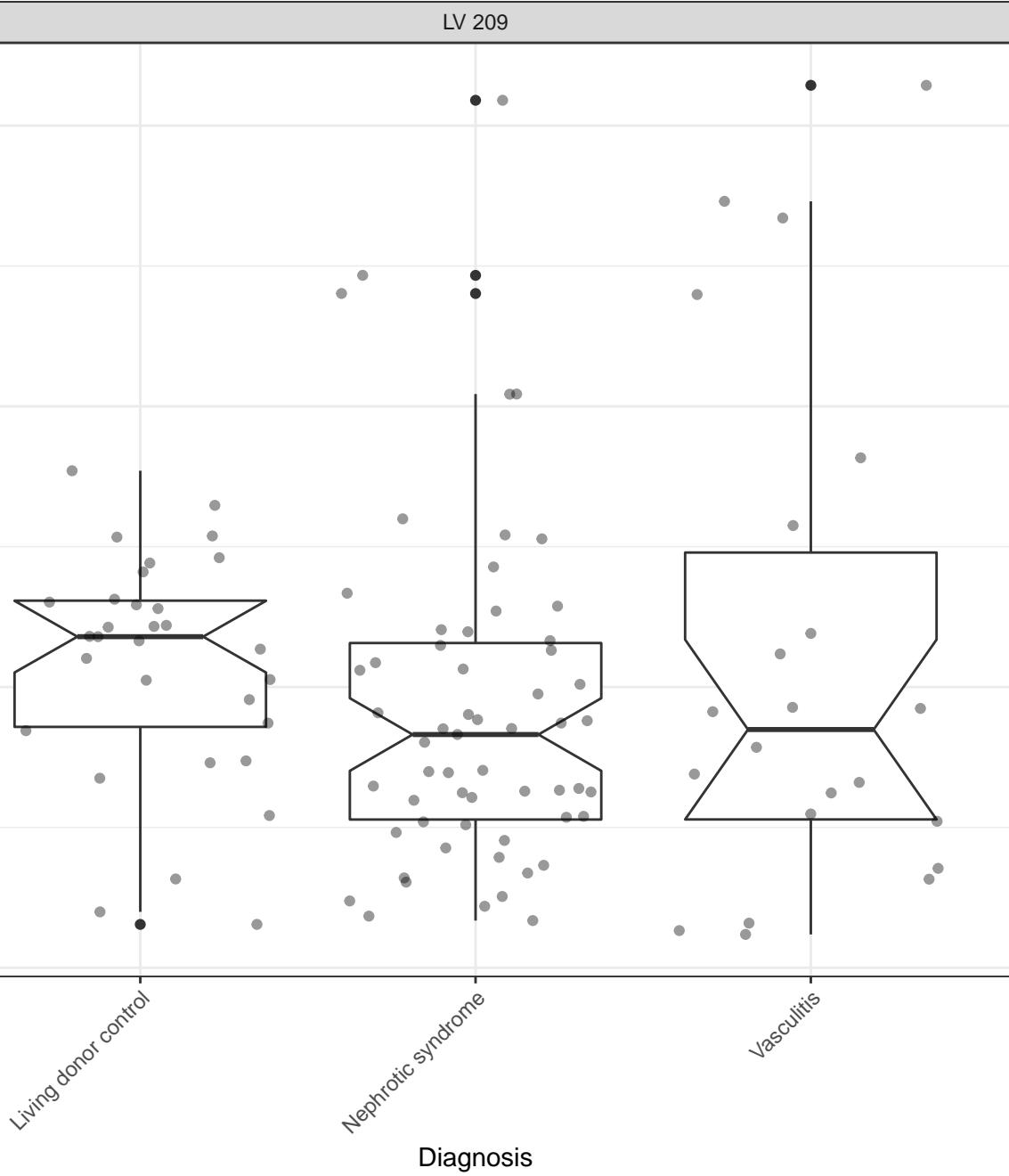
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

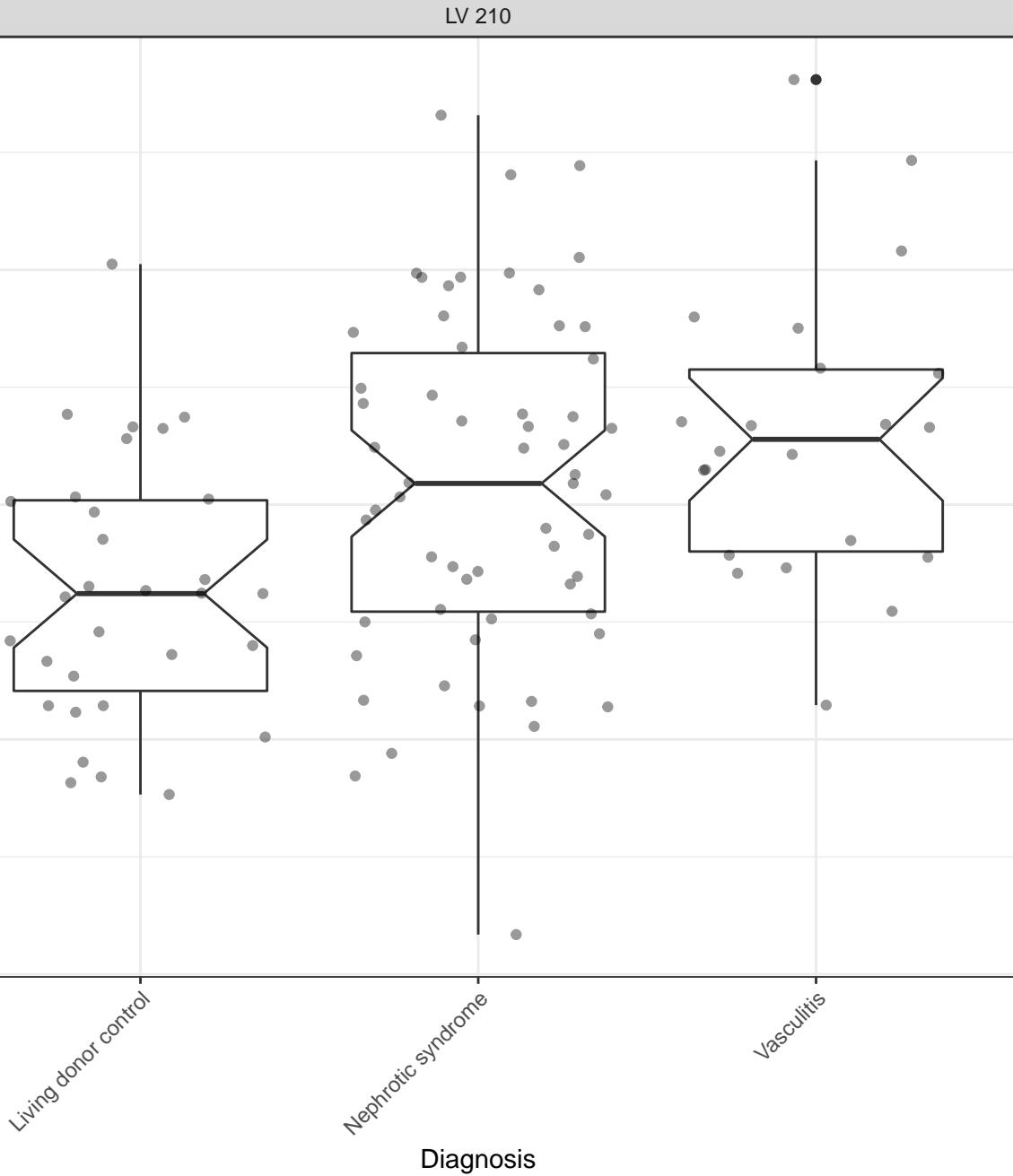
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

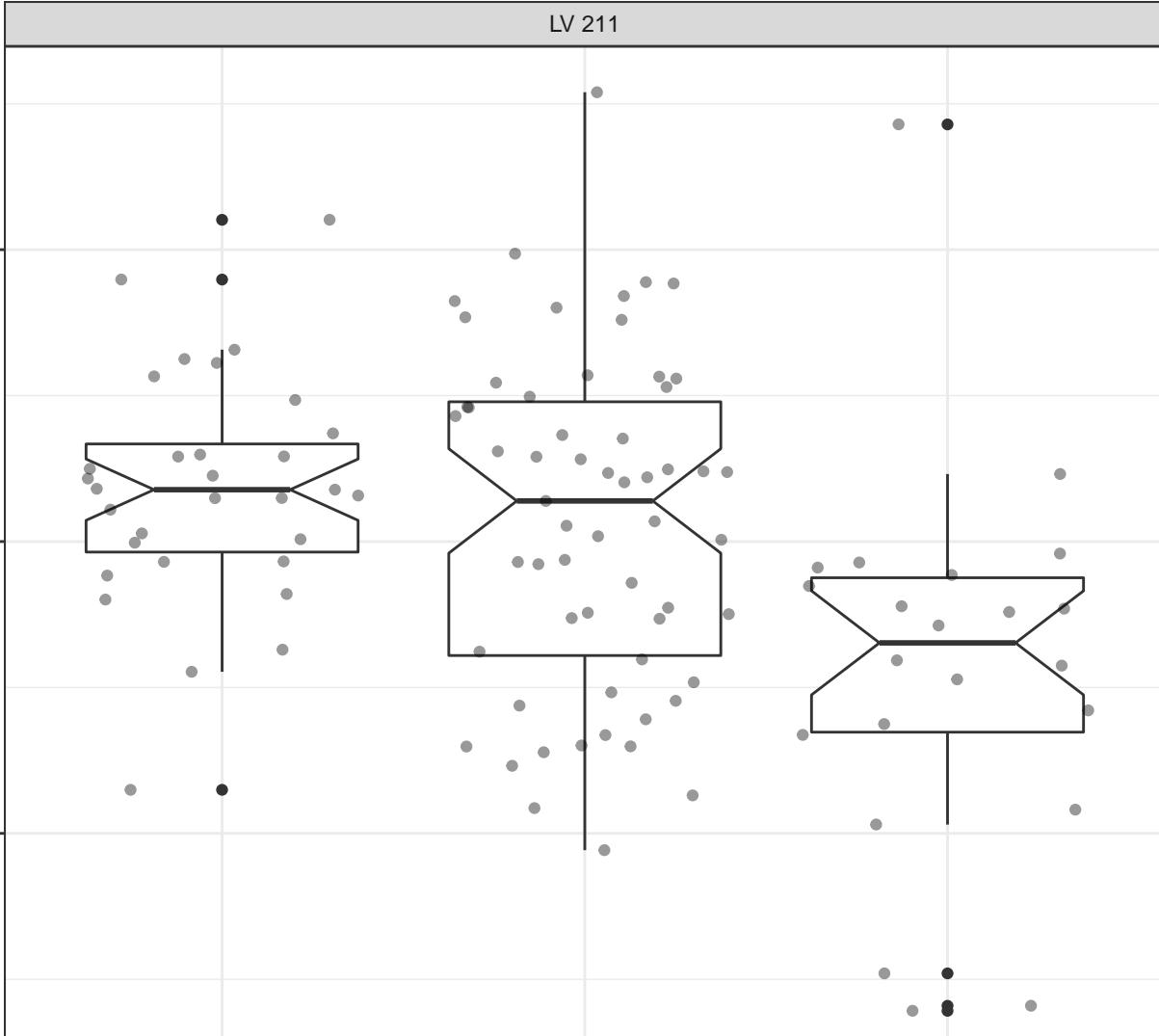
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.01

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.05

0.00

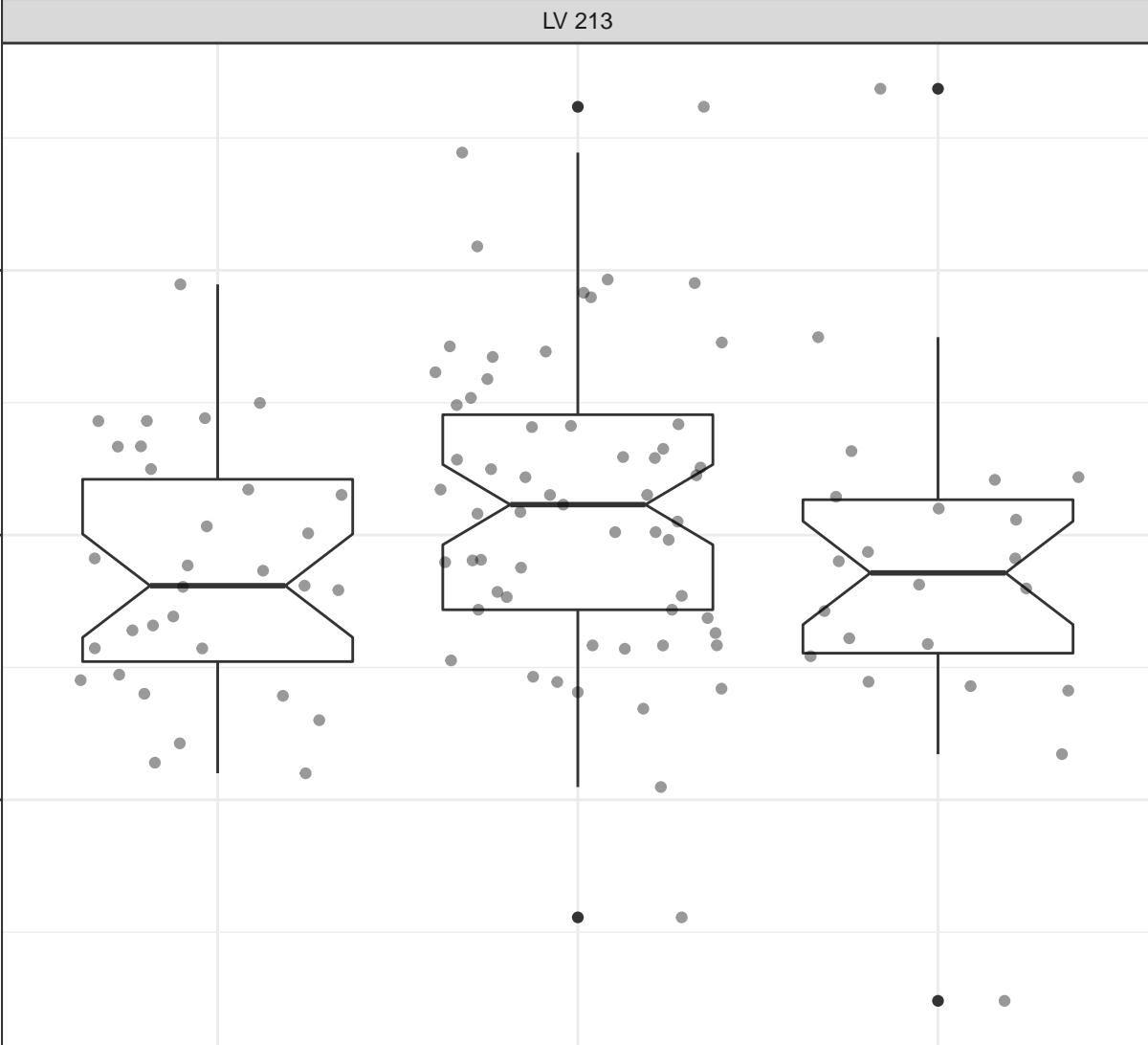
-0.05

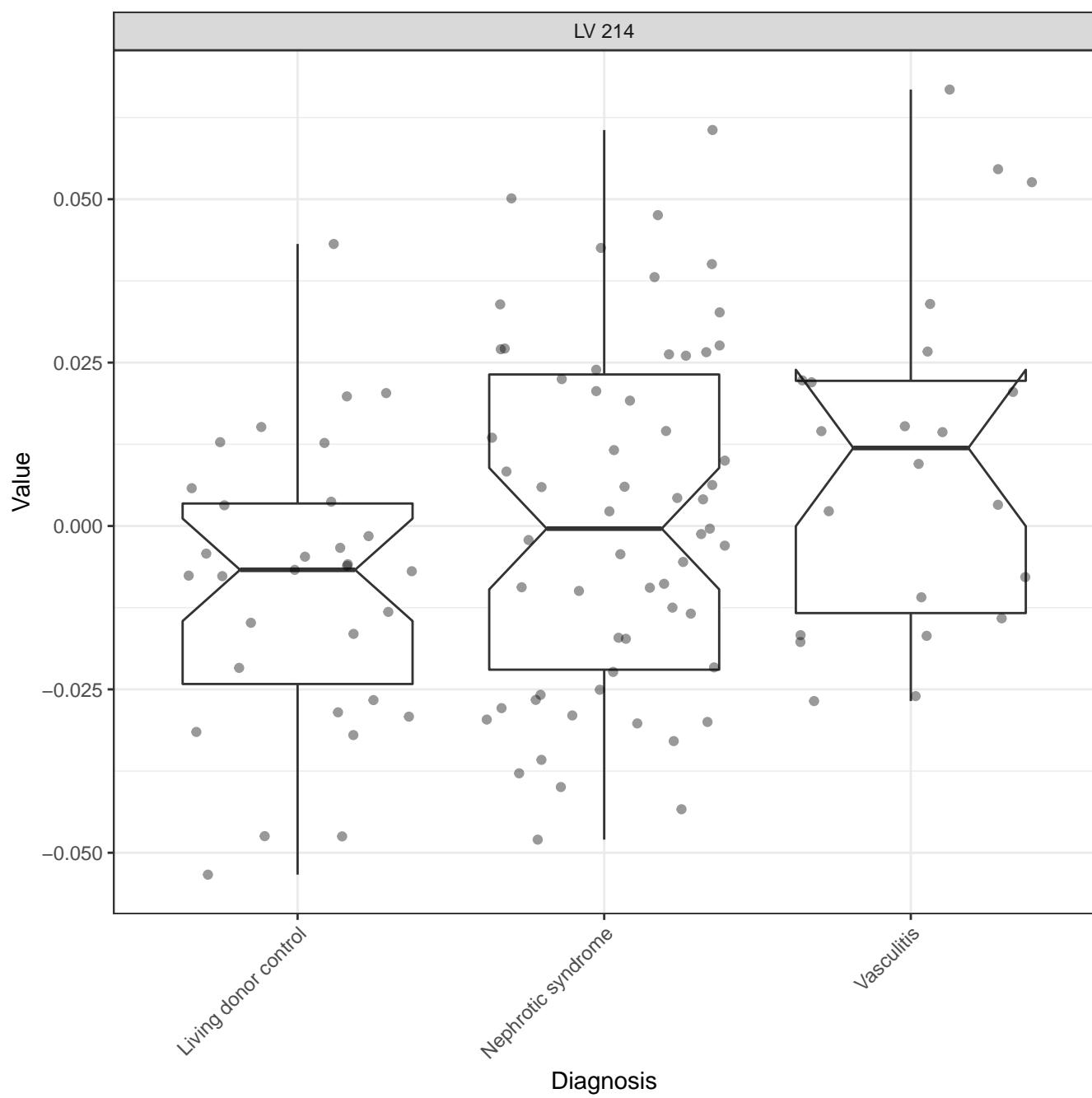
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.10

0.05

0.00

-0.05

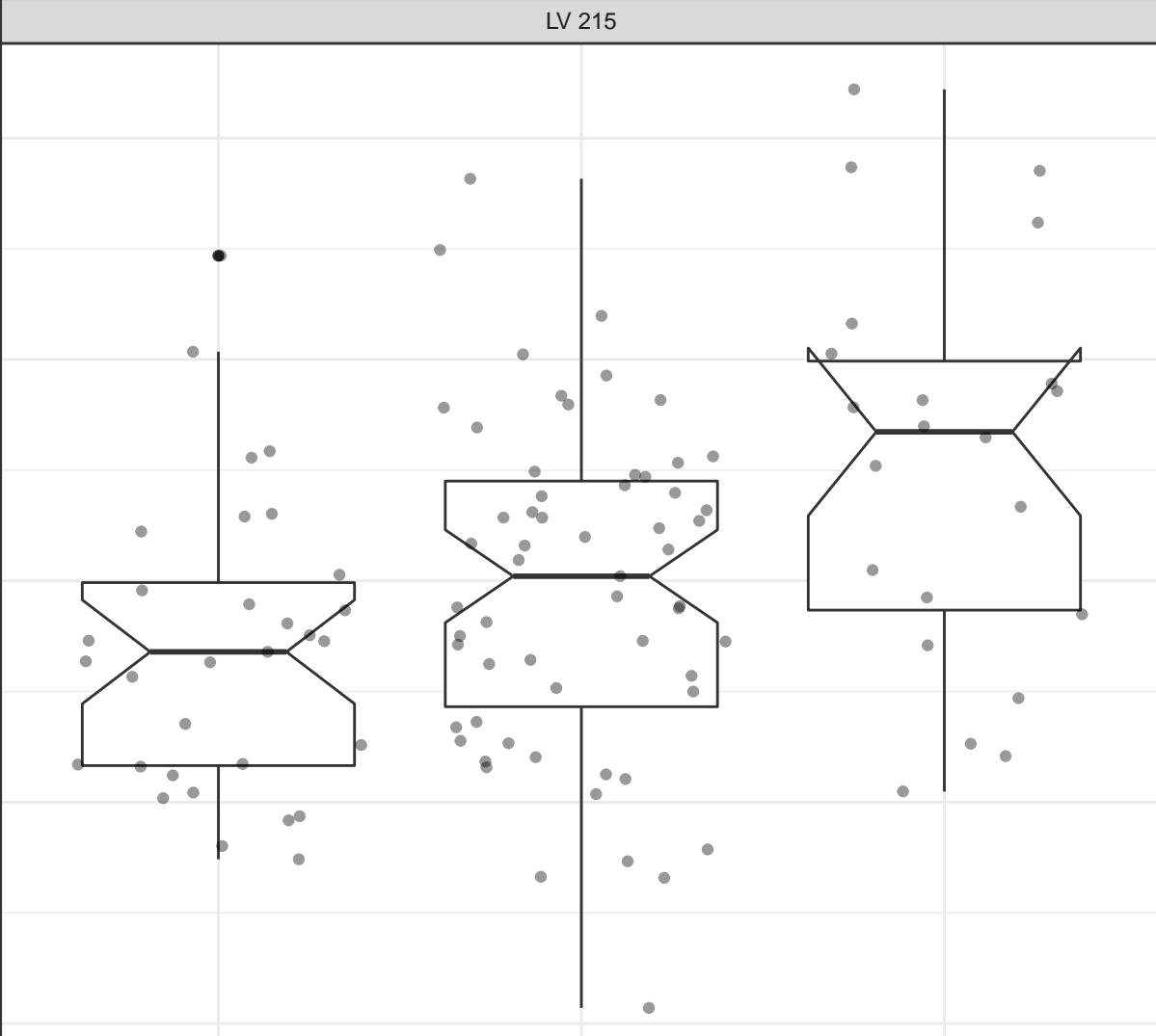
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

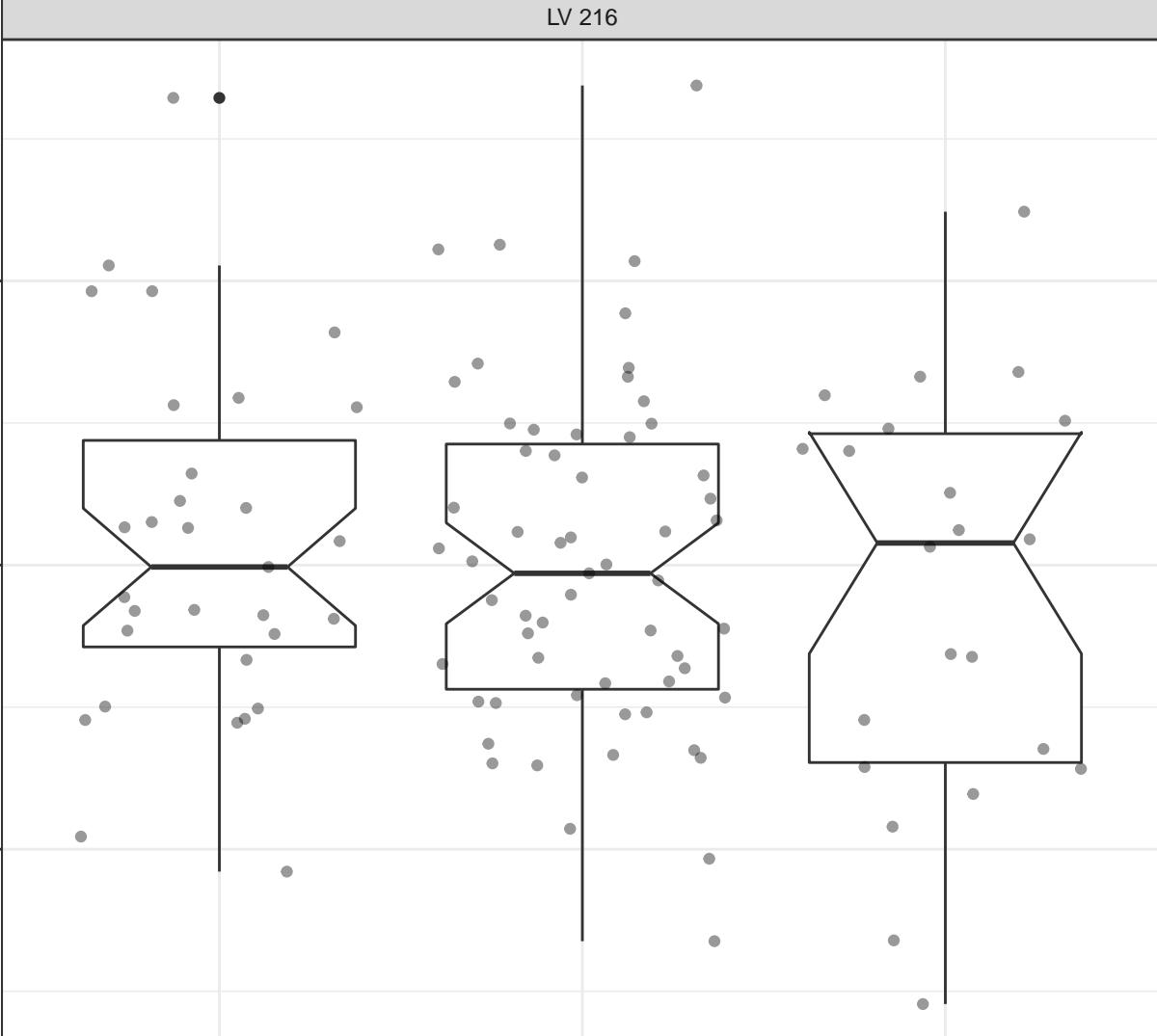
-0.04

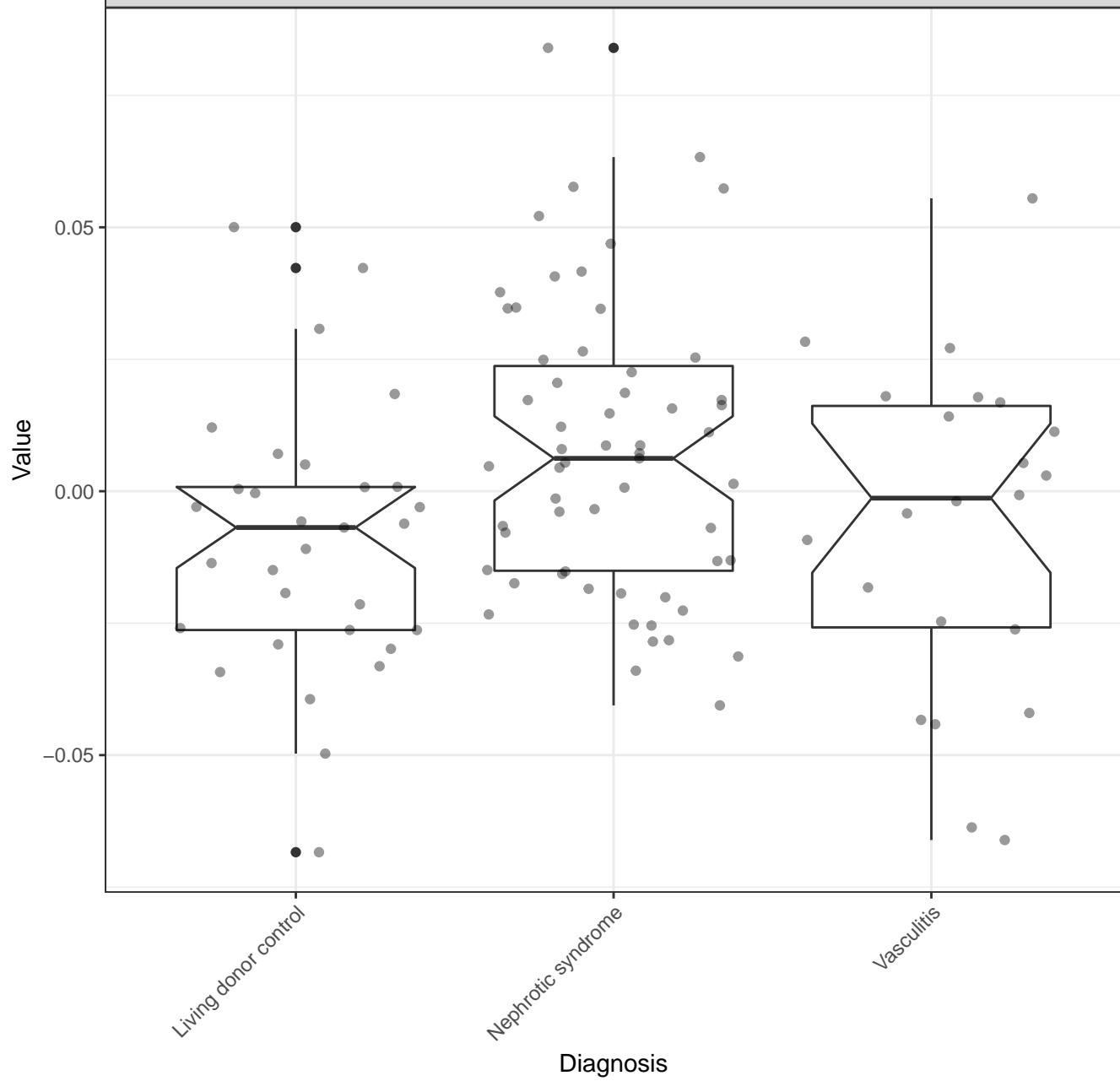
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 218

Value

0.08

0.04

0.00

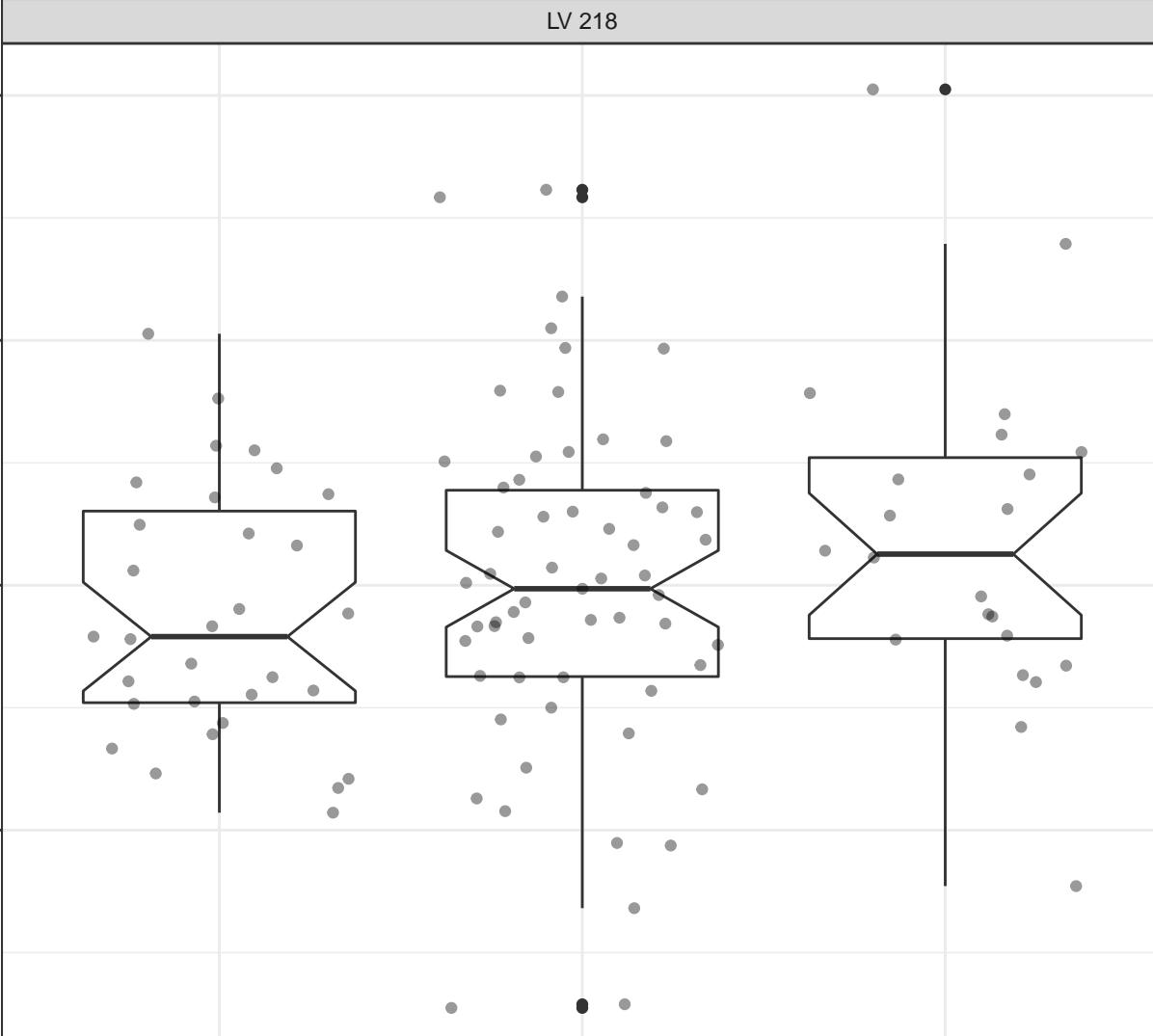
-0.04

Living donor control

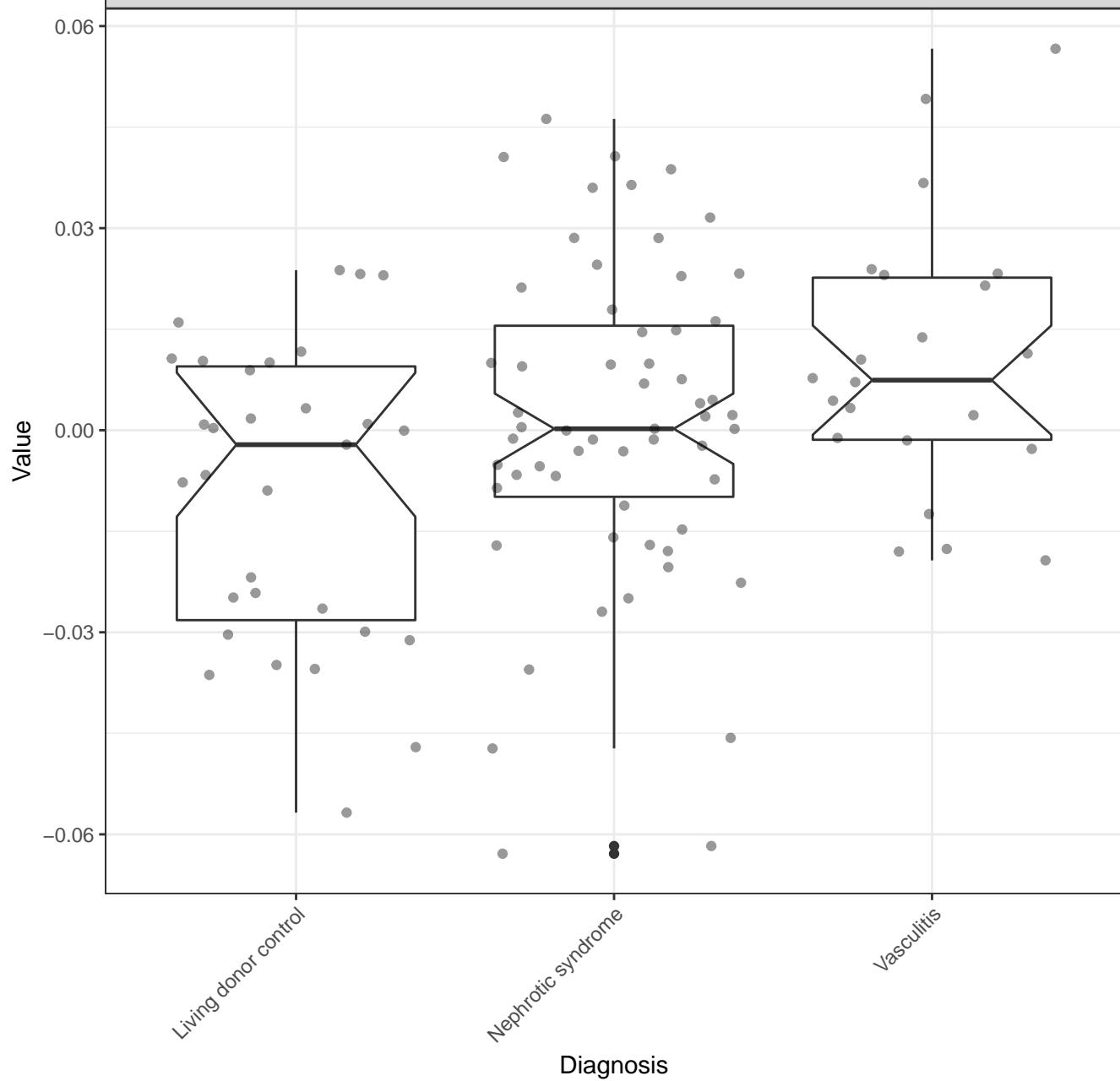
Nephrotic syndrome

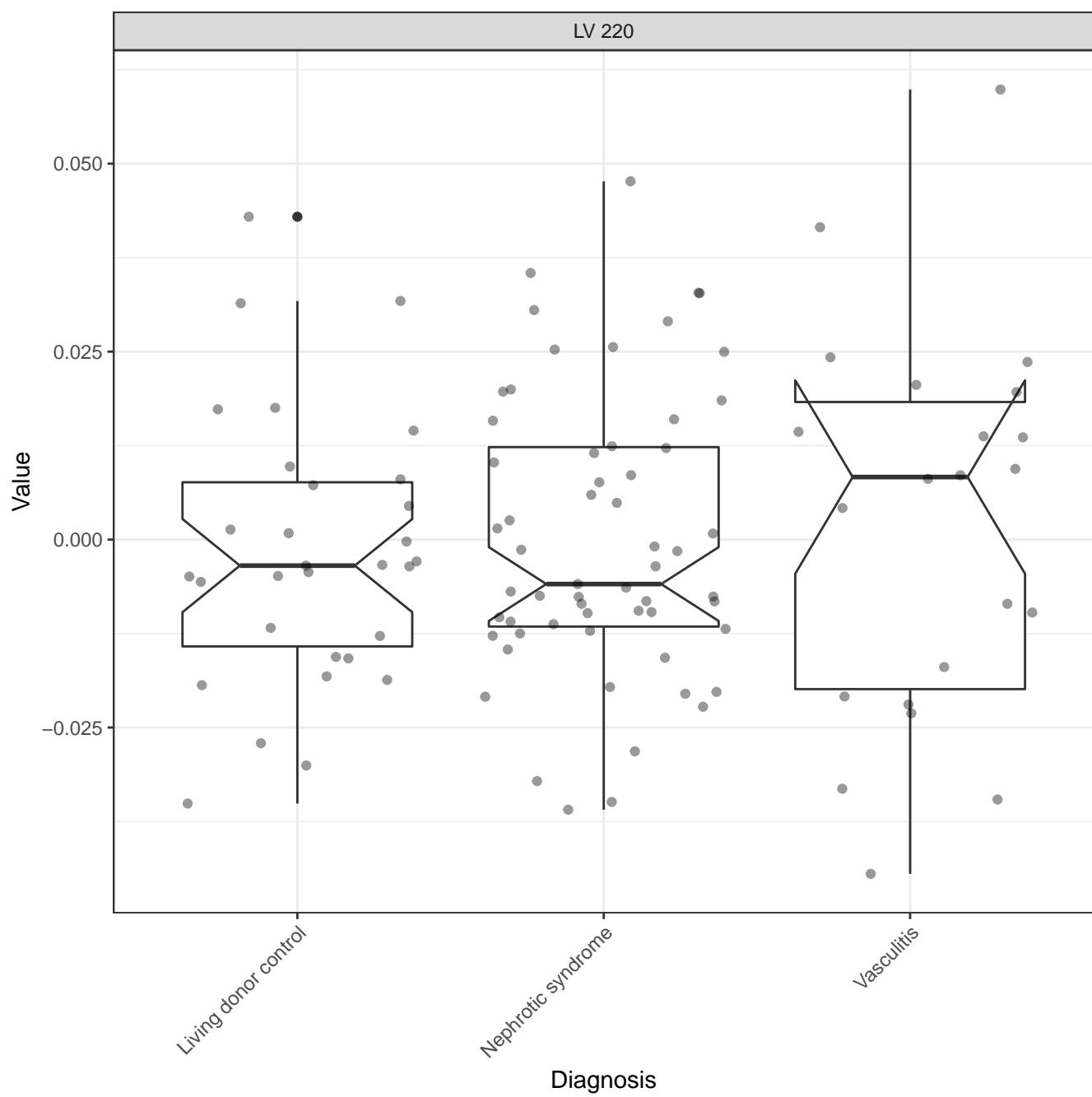
Vasculitis

Diagnosis

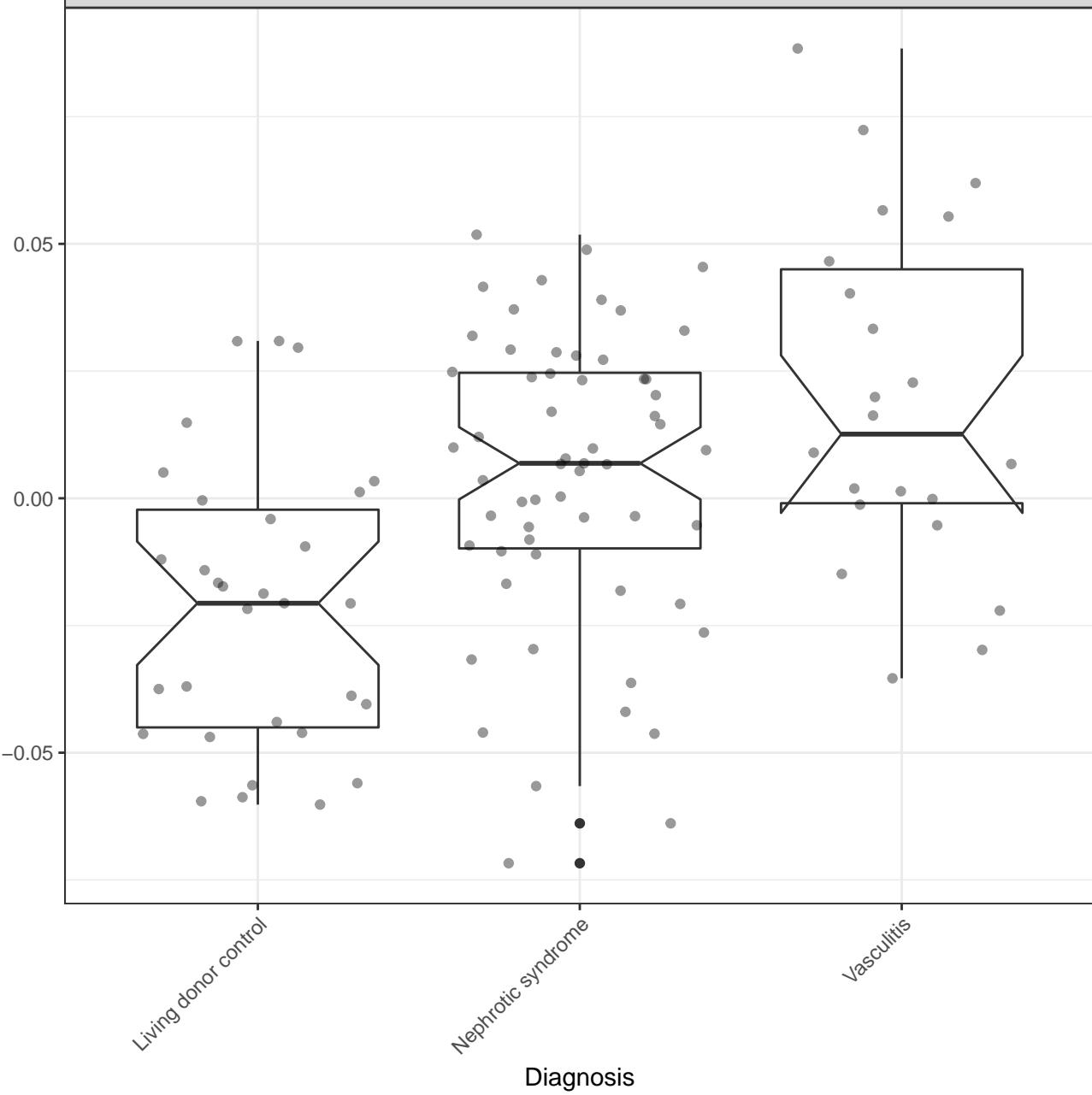


LV 219





Value



LV 222

Value

0.05

0.00

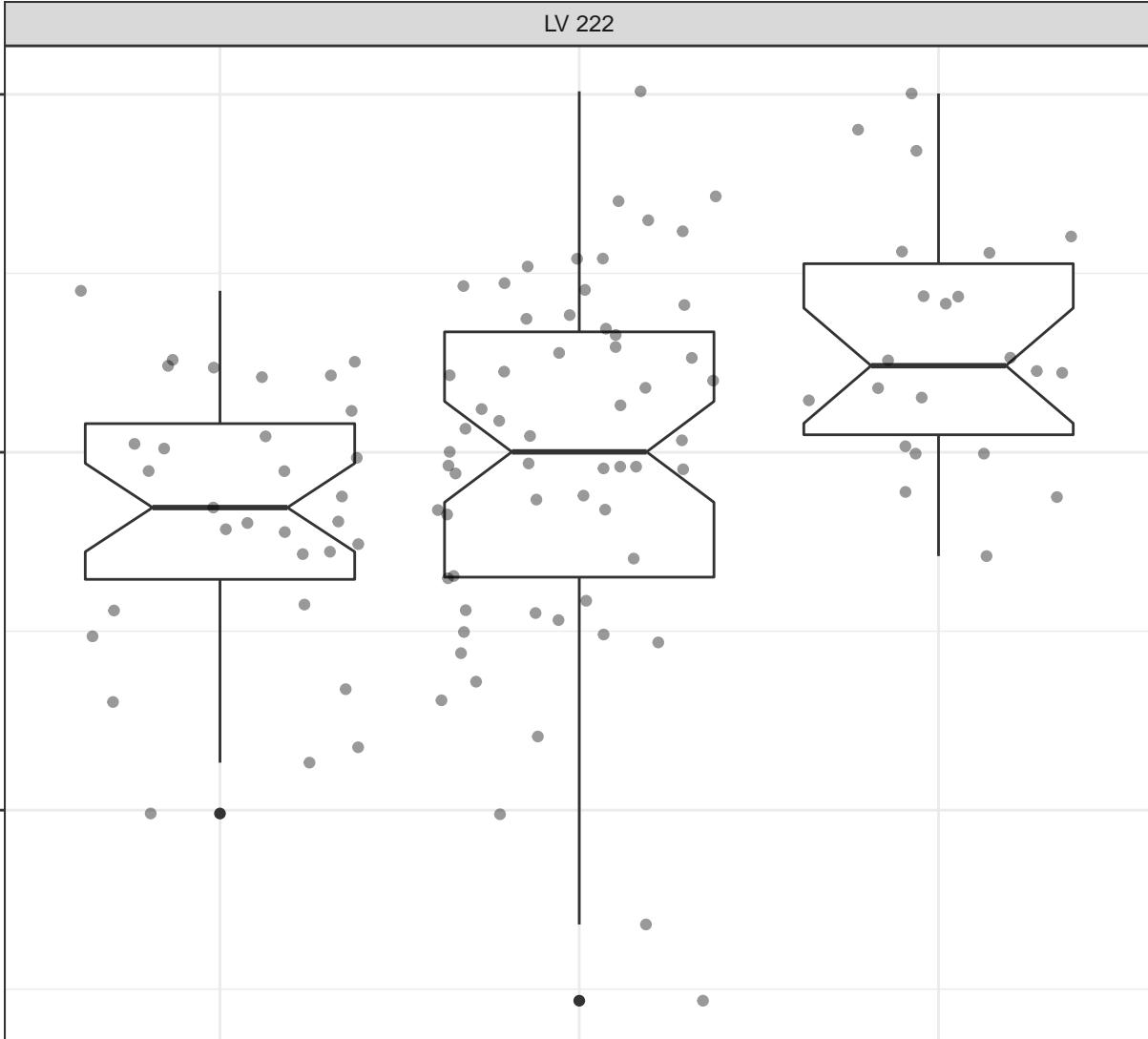
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

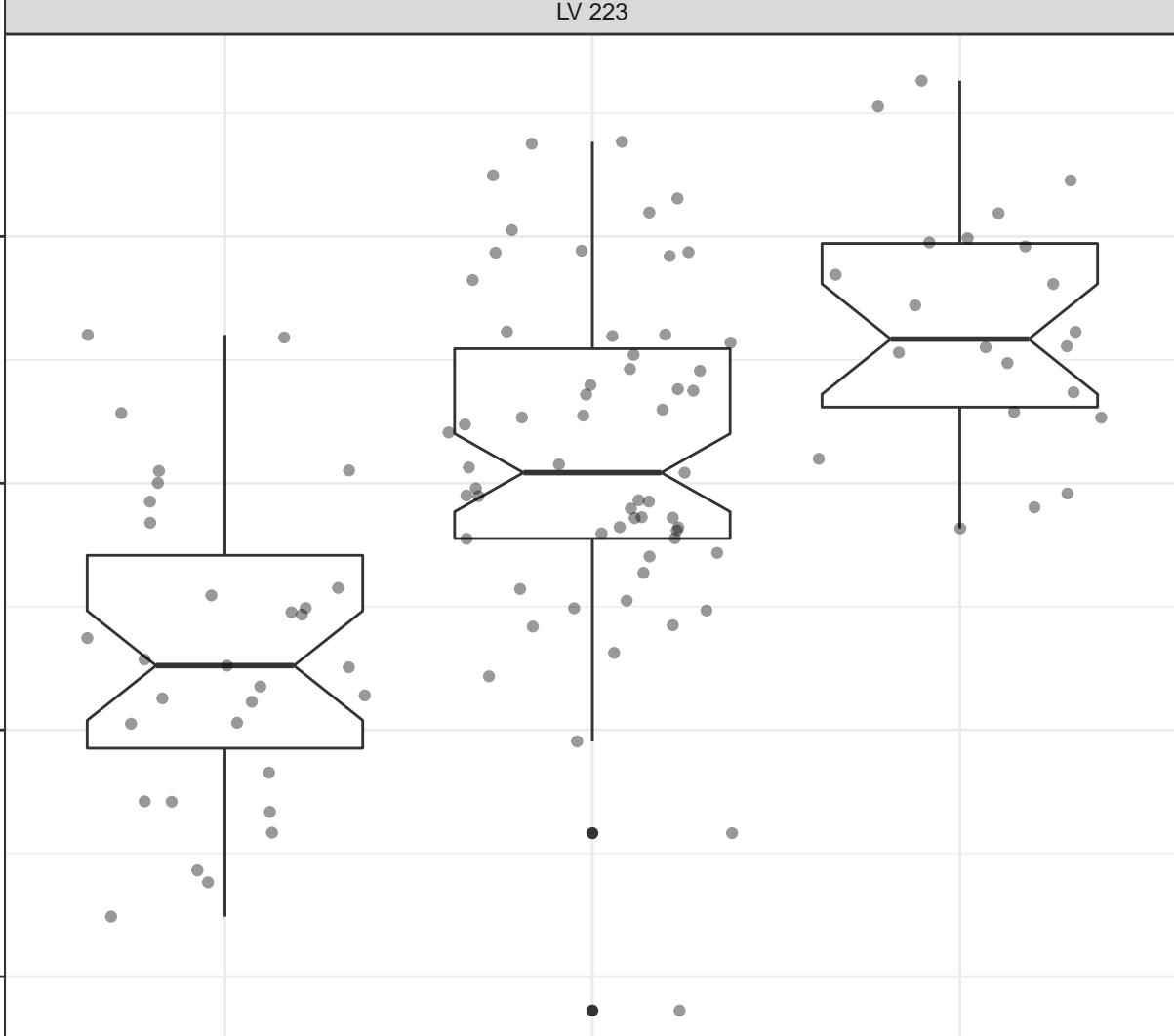
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 224

Value

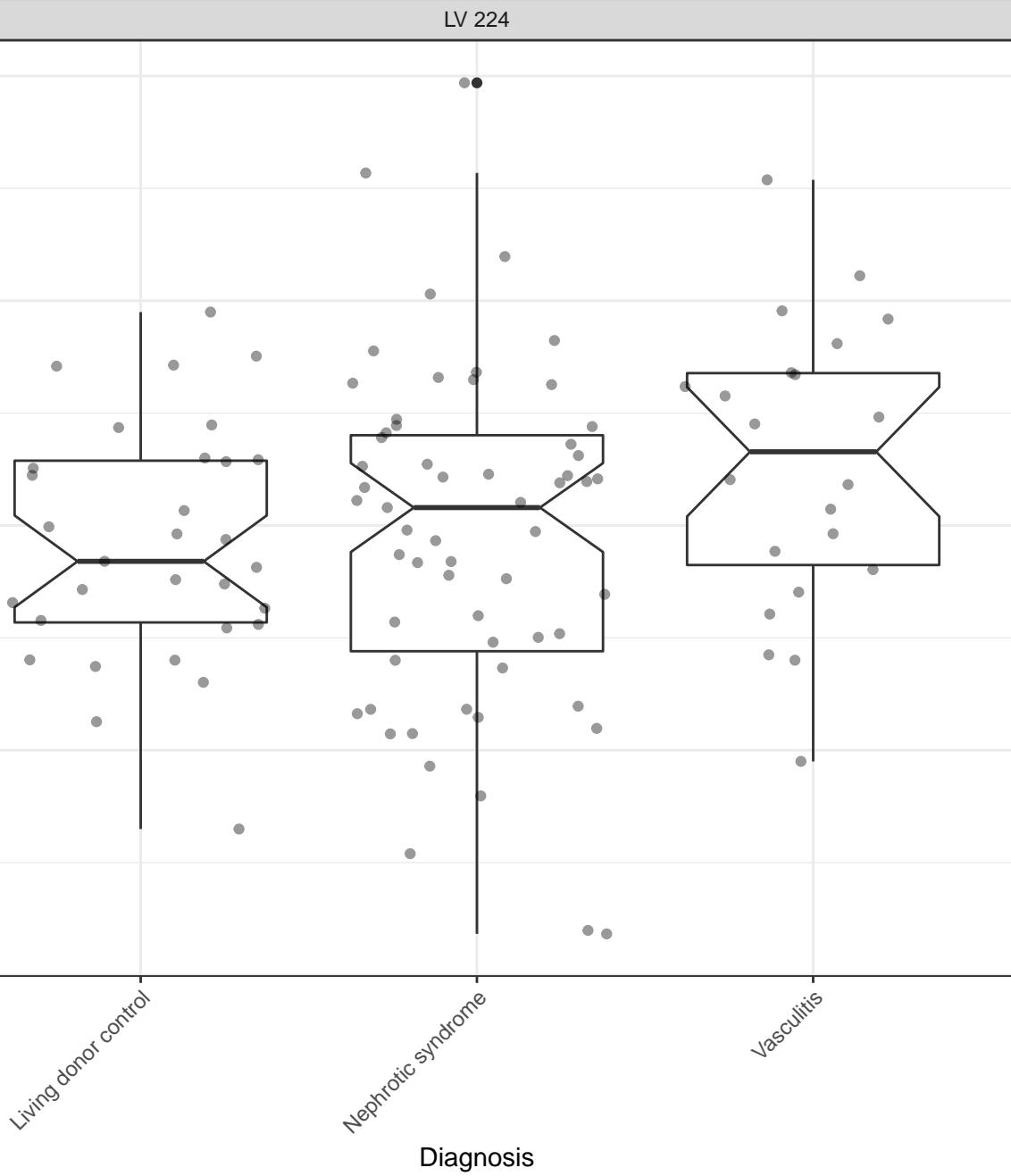
0.06  
0.03  
0.00  
-0.03  
-0.06

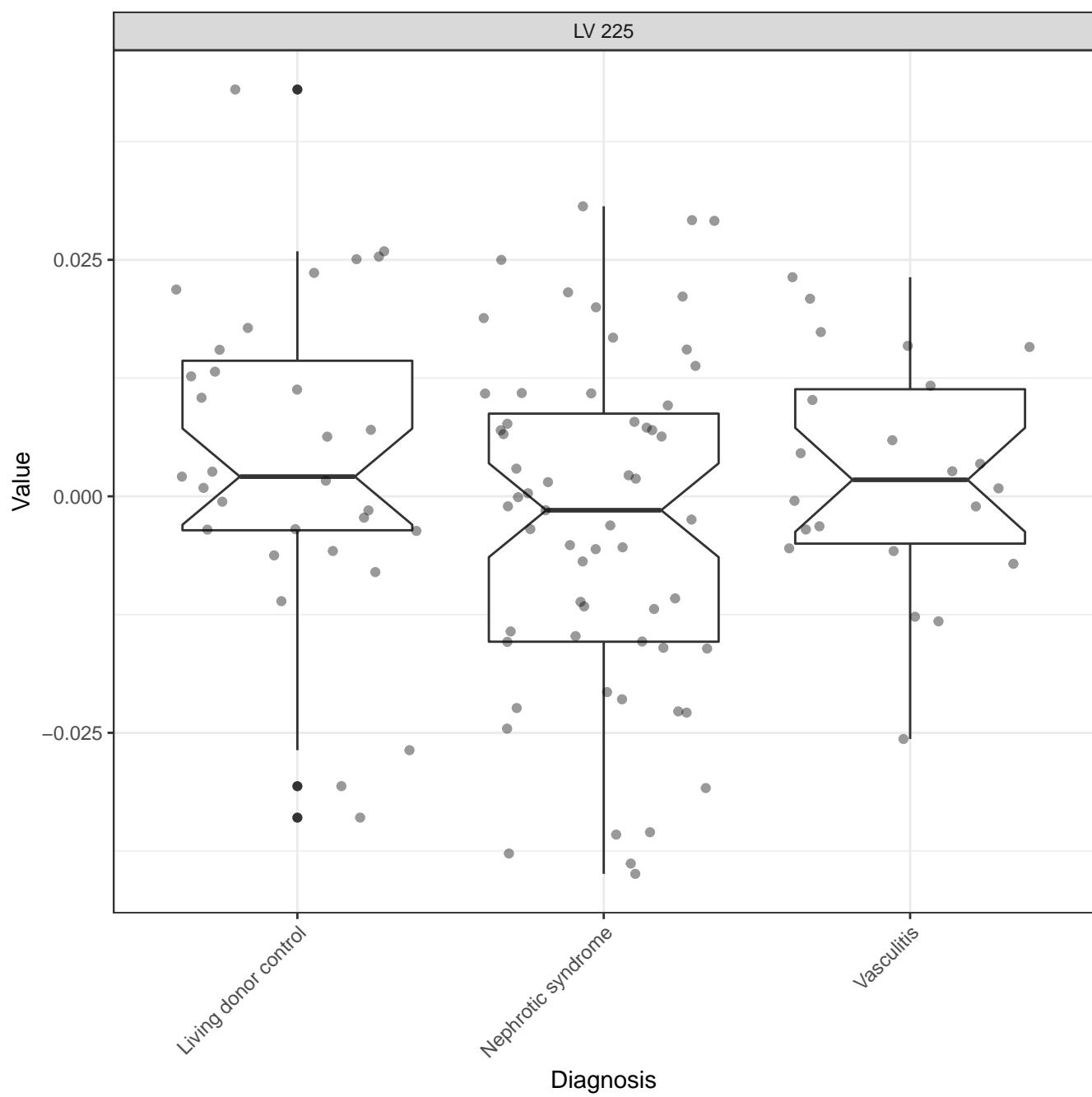
Living donor control

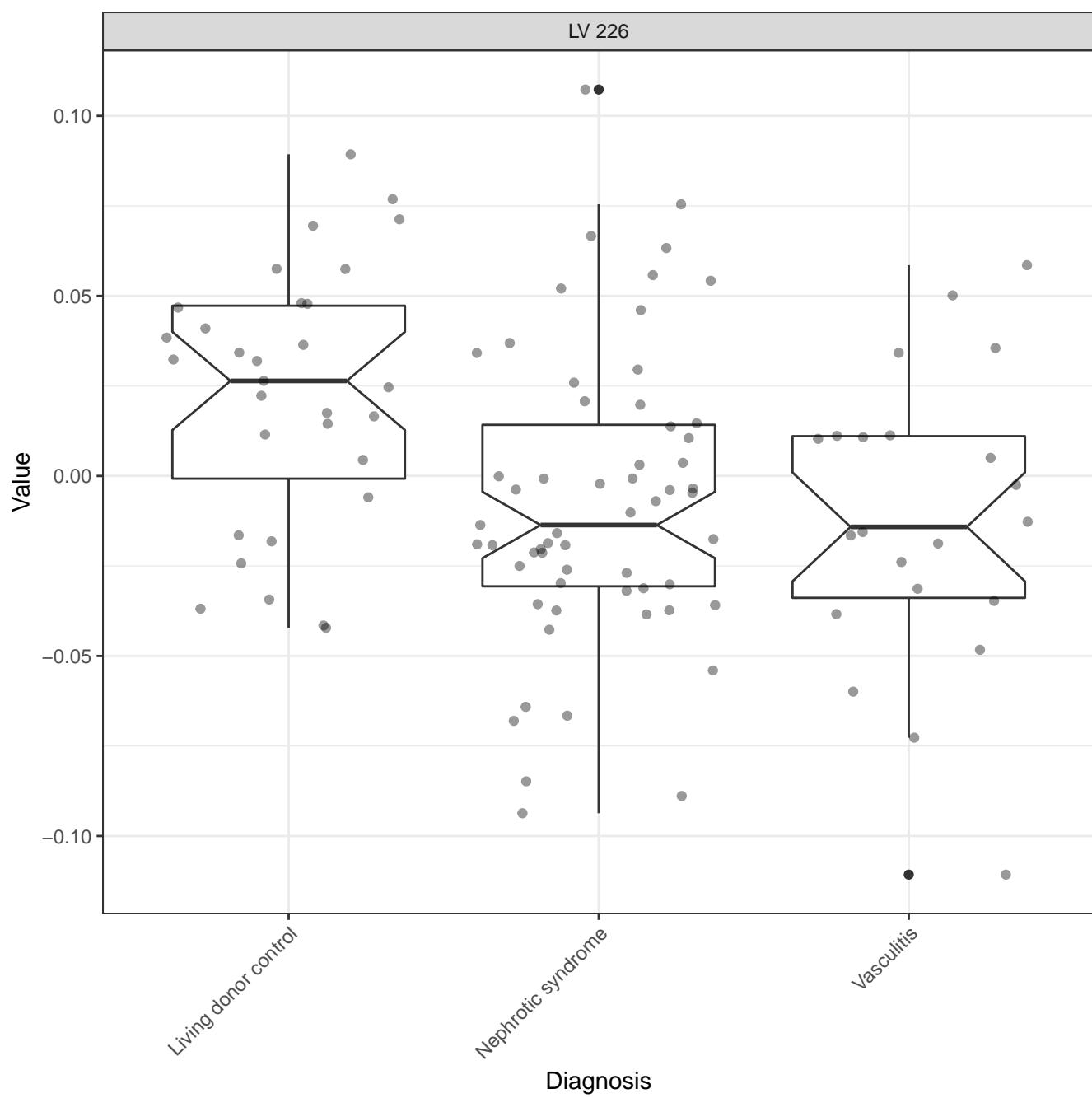
Nephrotic syndrome

Vasculitis

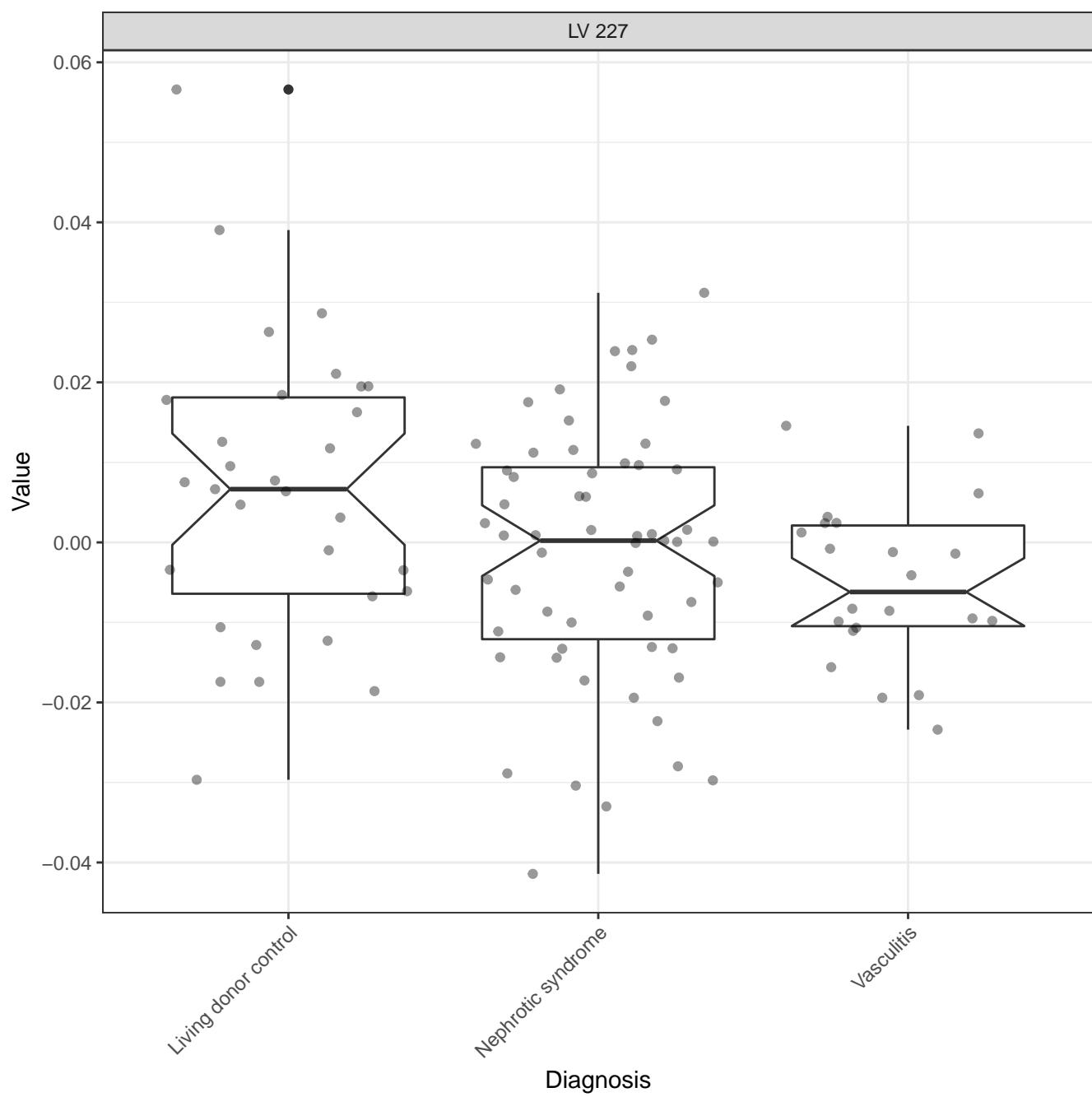
Diagnosis







LV 227



Value

0.05

0.00

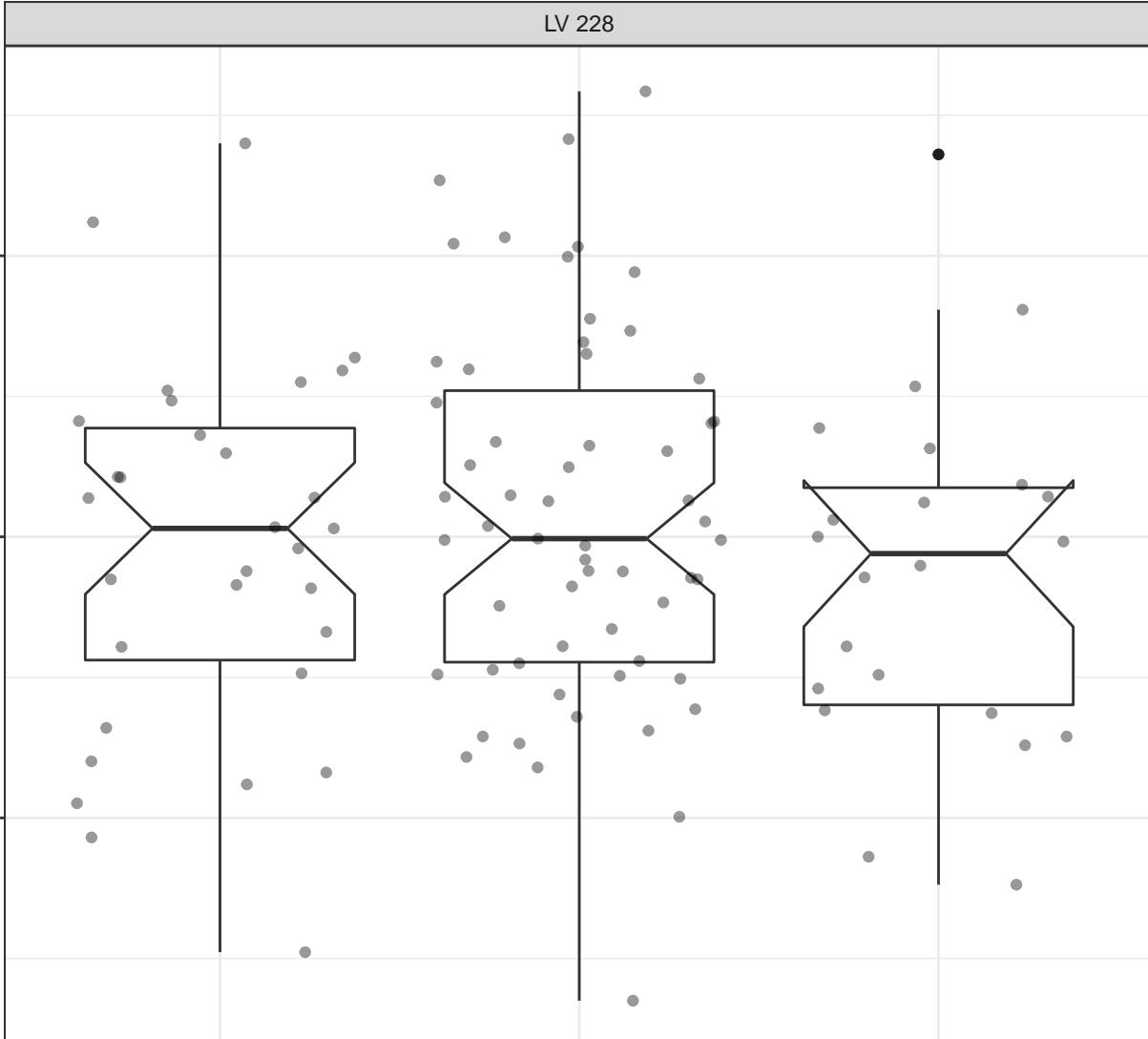
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

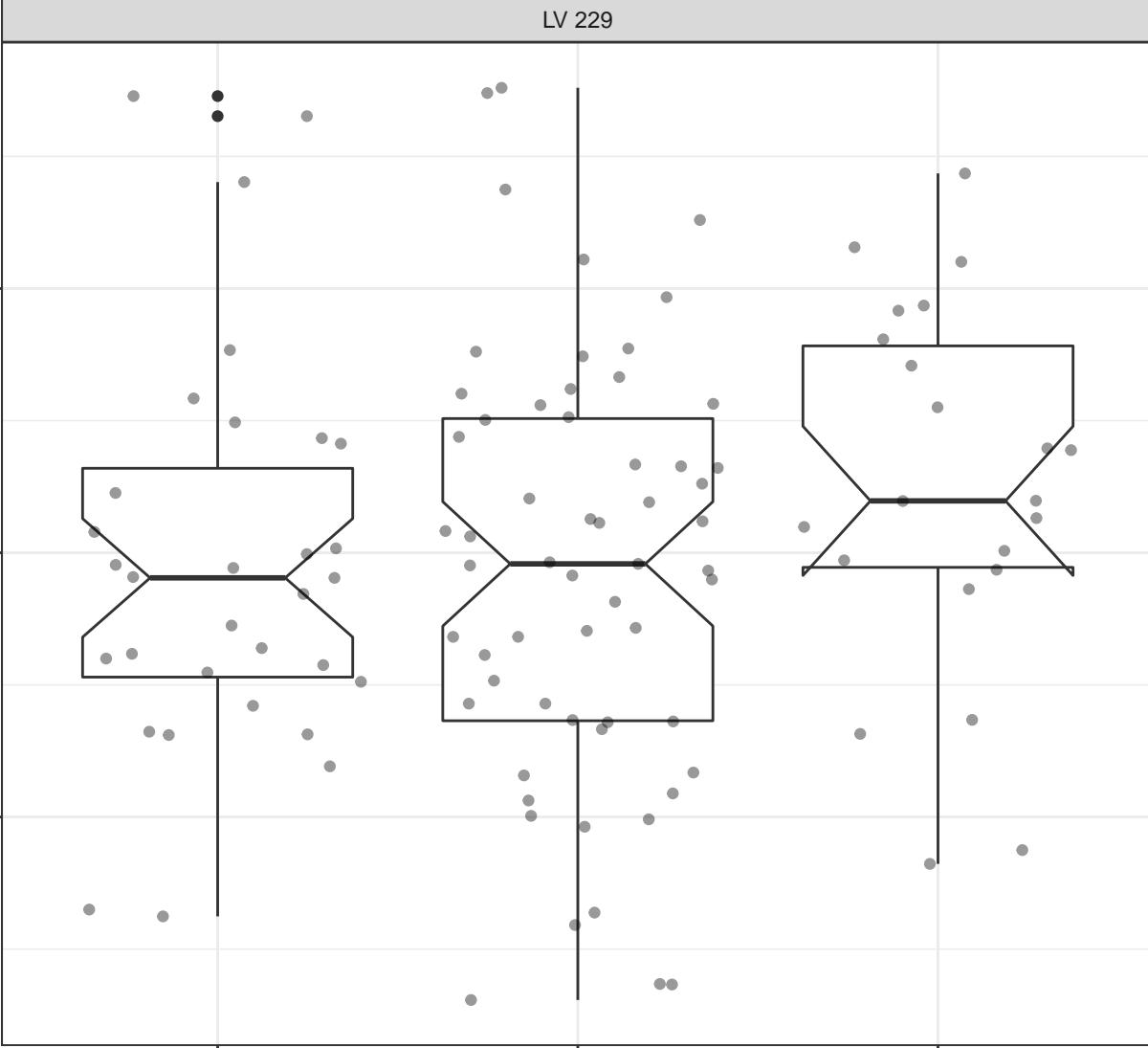
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

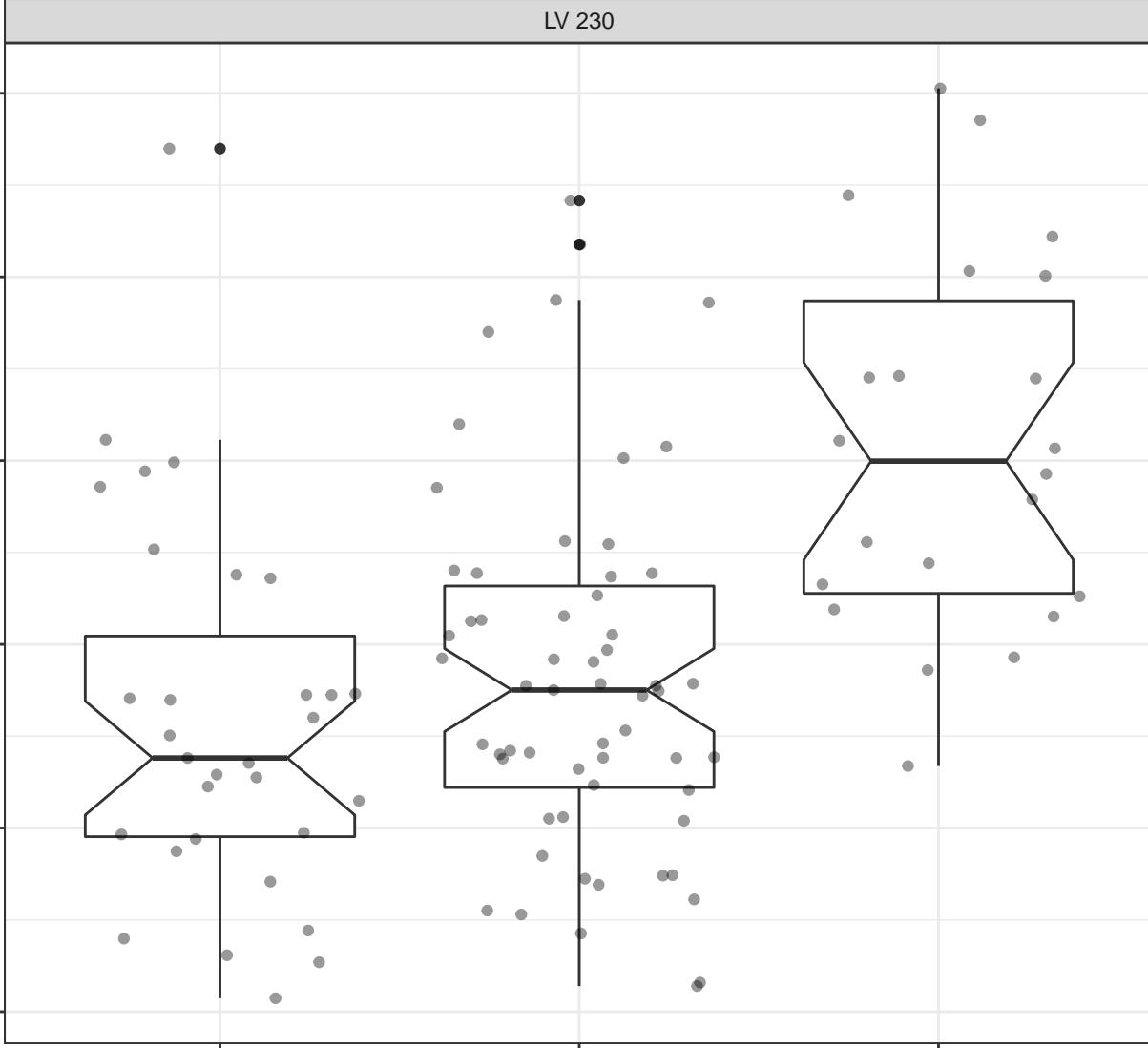
0.06  
0.04  
0.02  
0.00  
-0.02  
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 231

Value

0.10

0.05

0.00

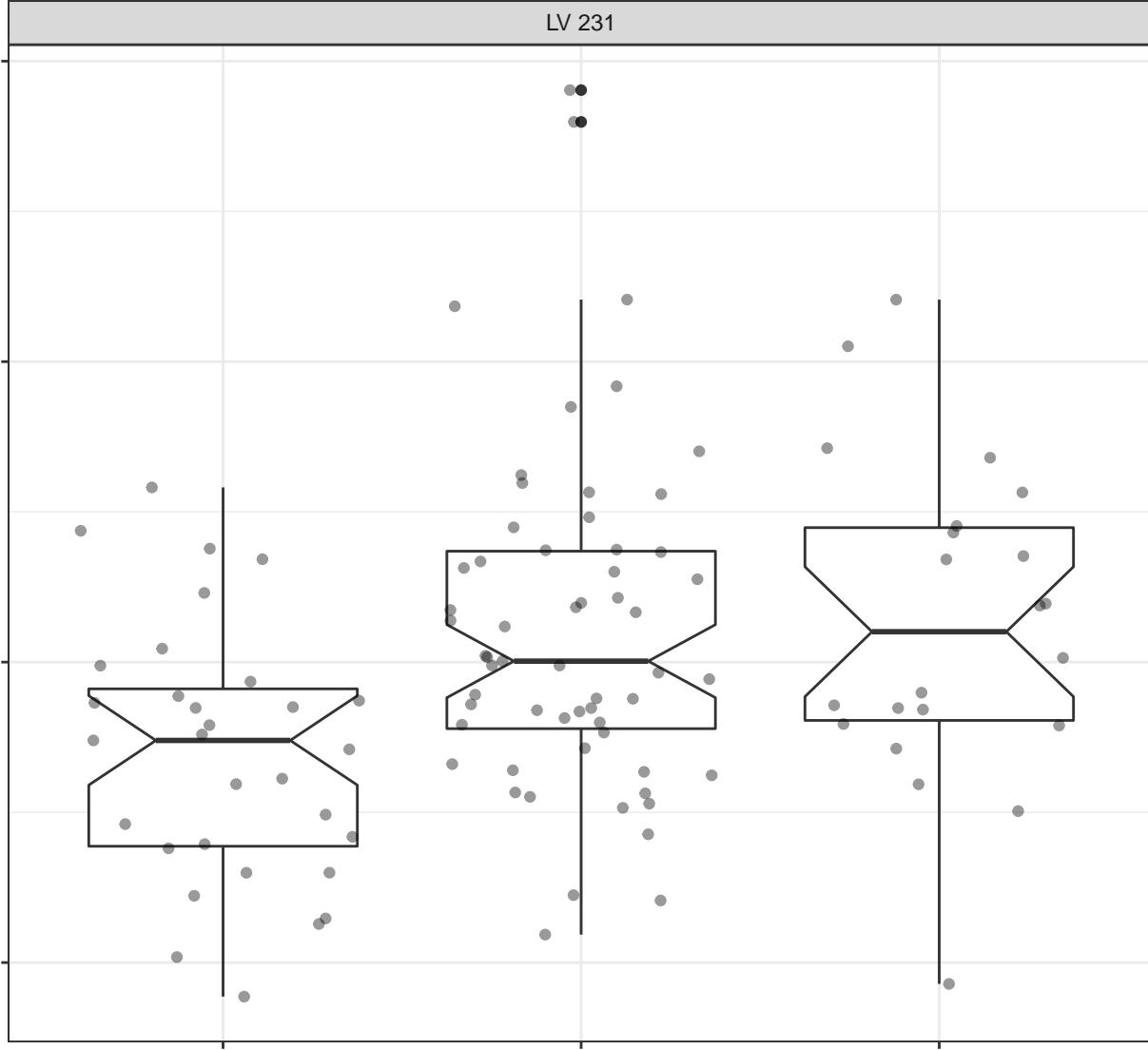
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

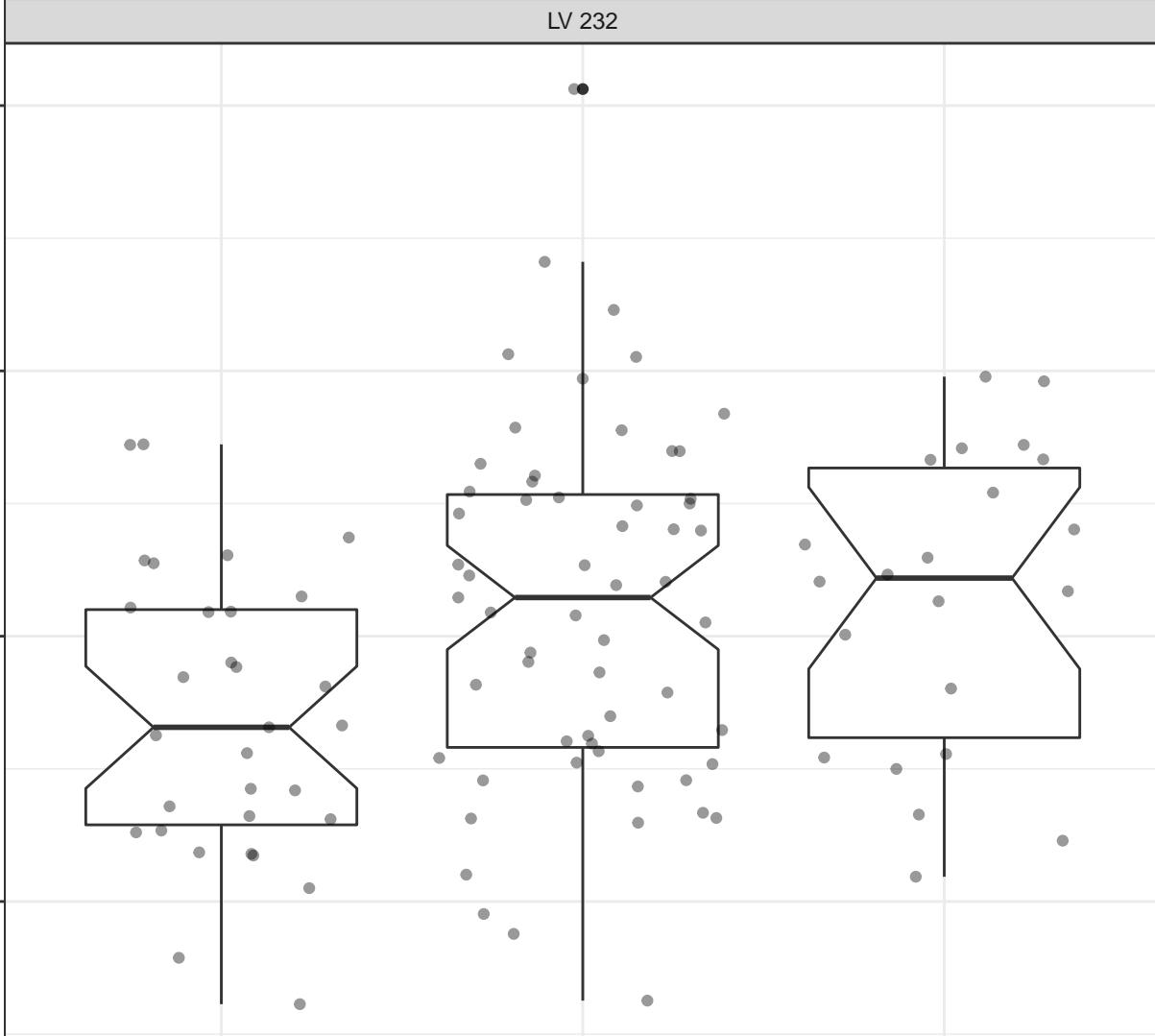
-0.05

Living donor control

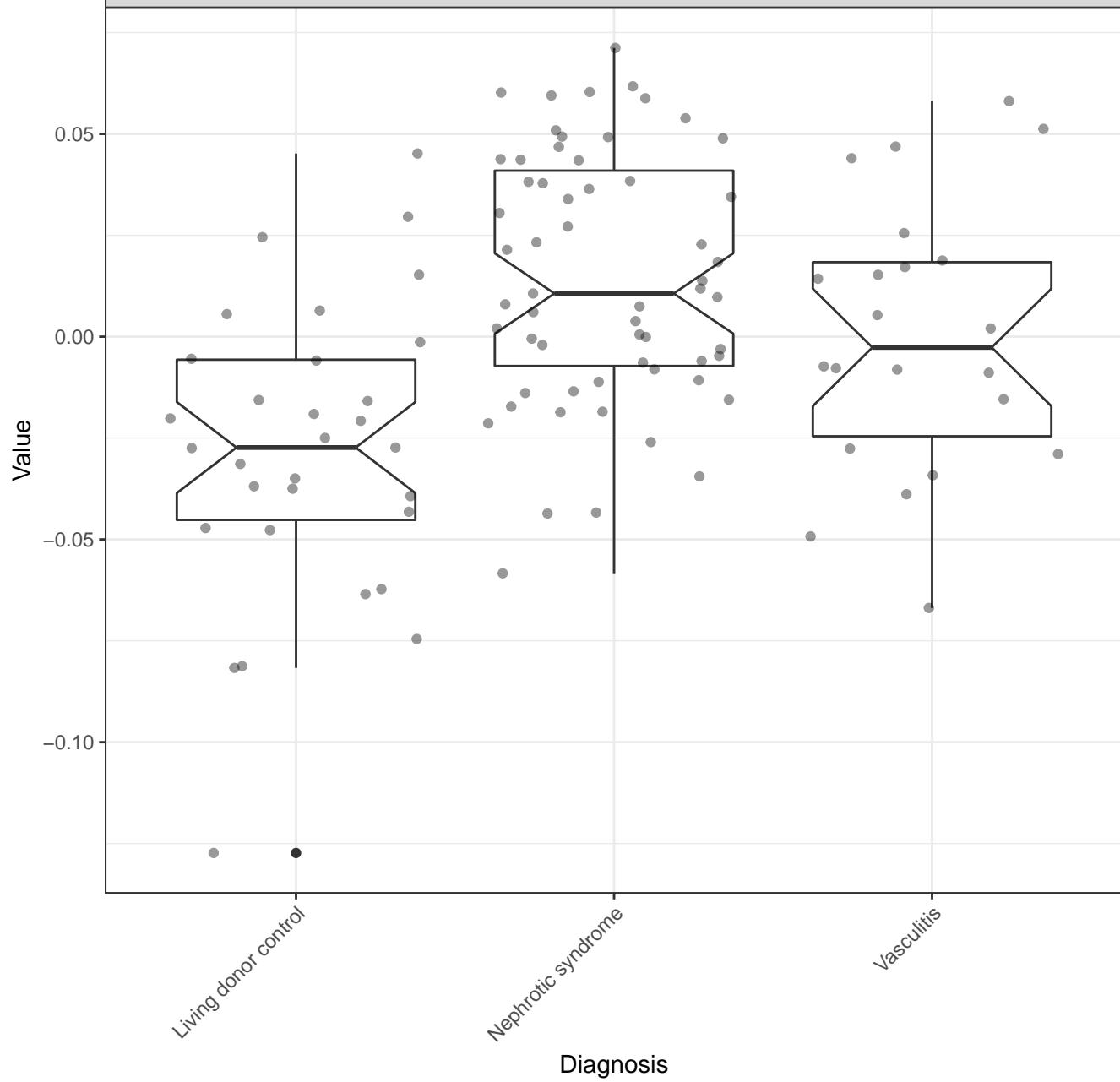
Nephrotic syndrome

Vasculitis

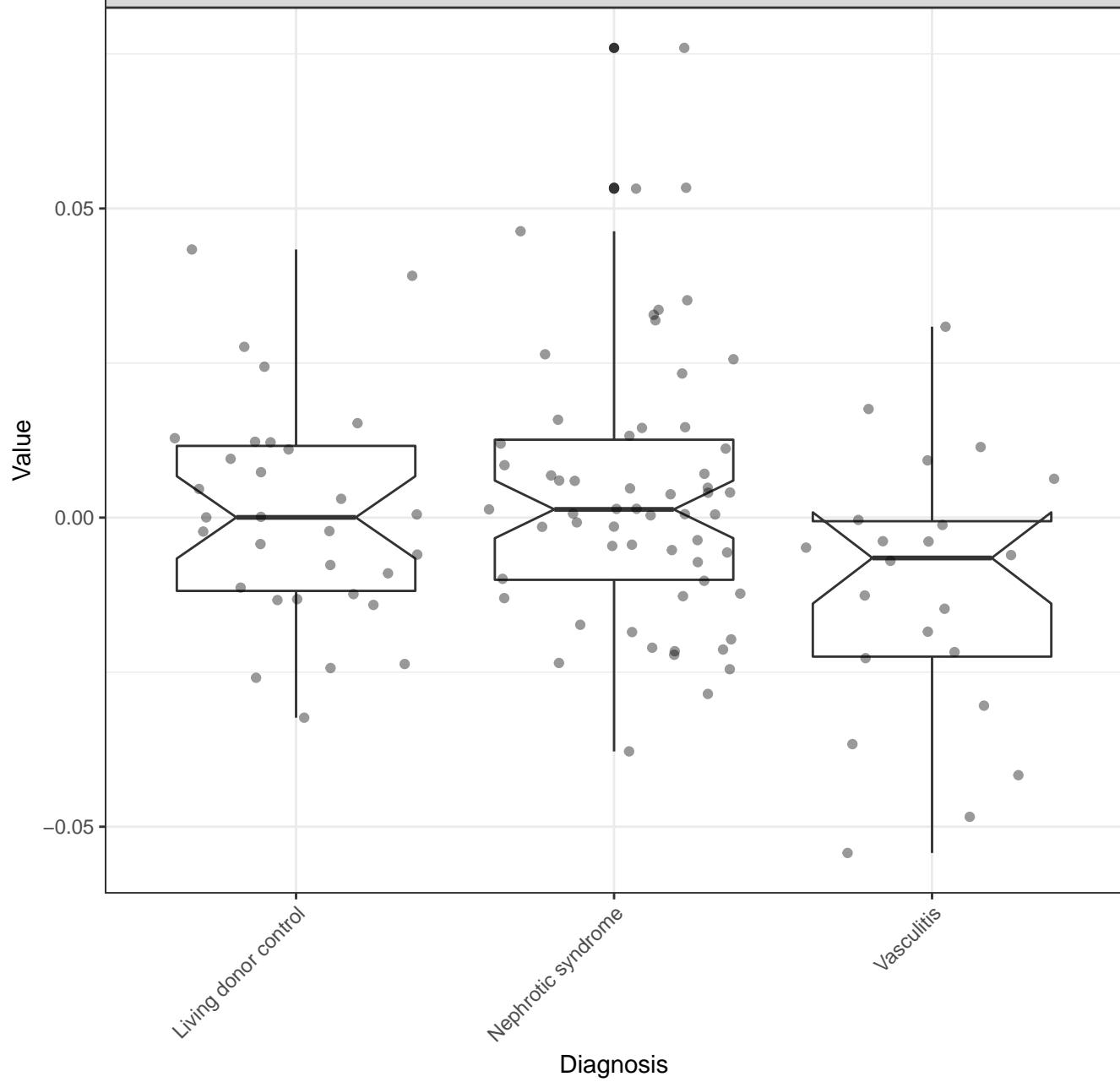
Diagnosis



LV 233



# 234,REACTOME\_RNA\_POL\_I\_PROMOTER\_OPENING



Value

0.05

0.01

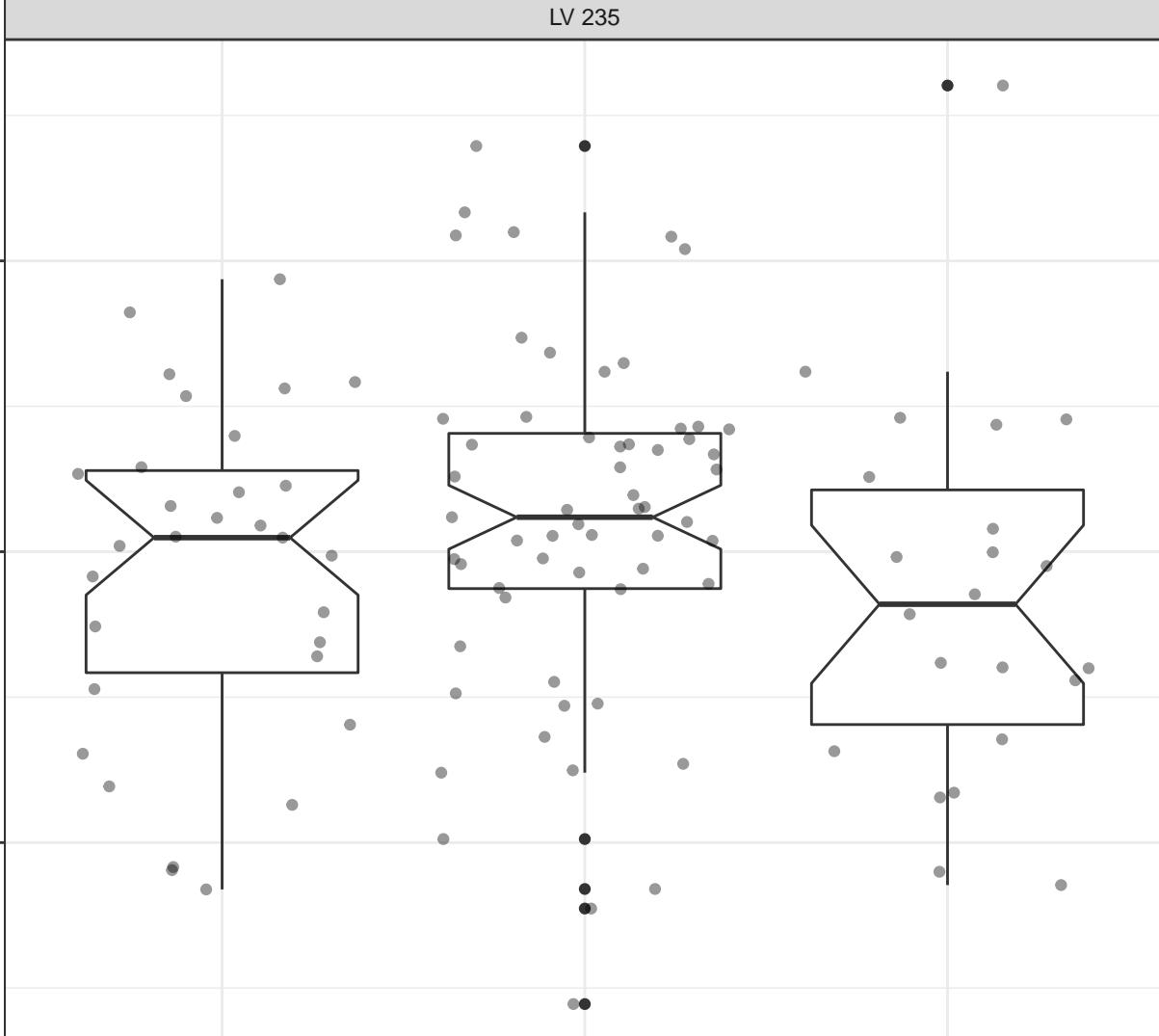
-0.05

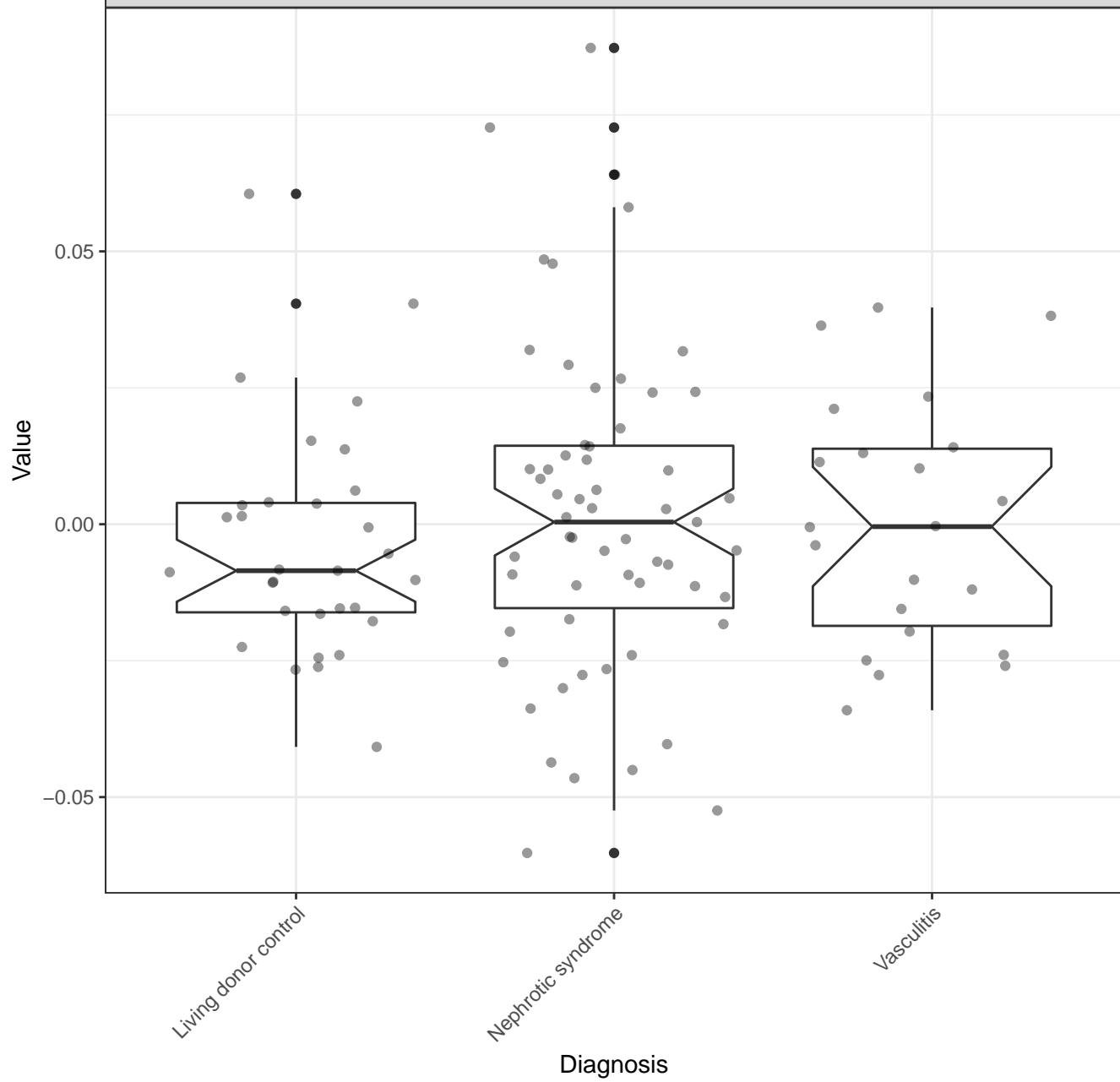
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.04

0.00

-0.04

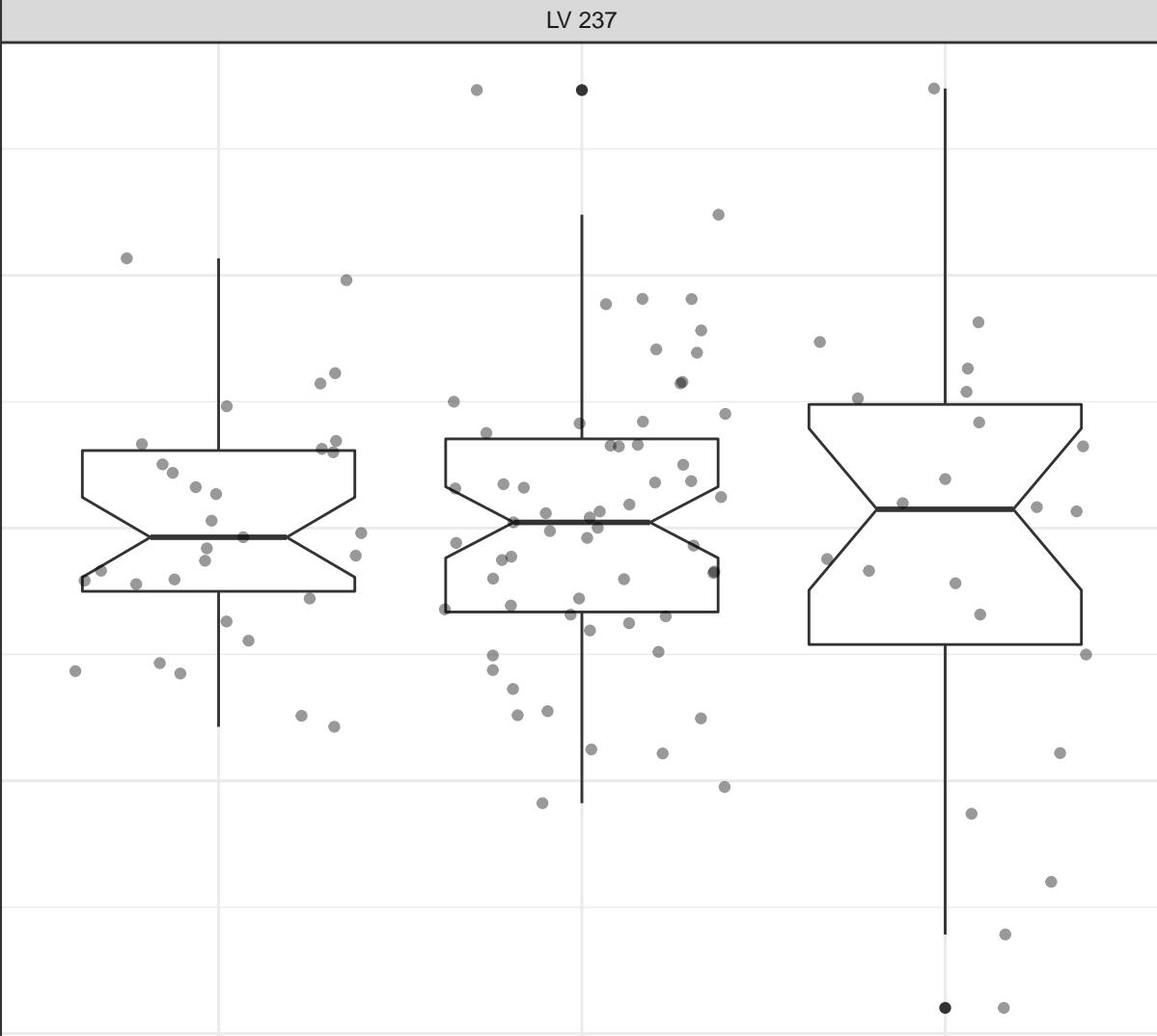
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

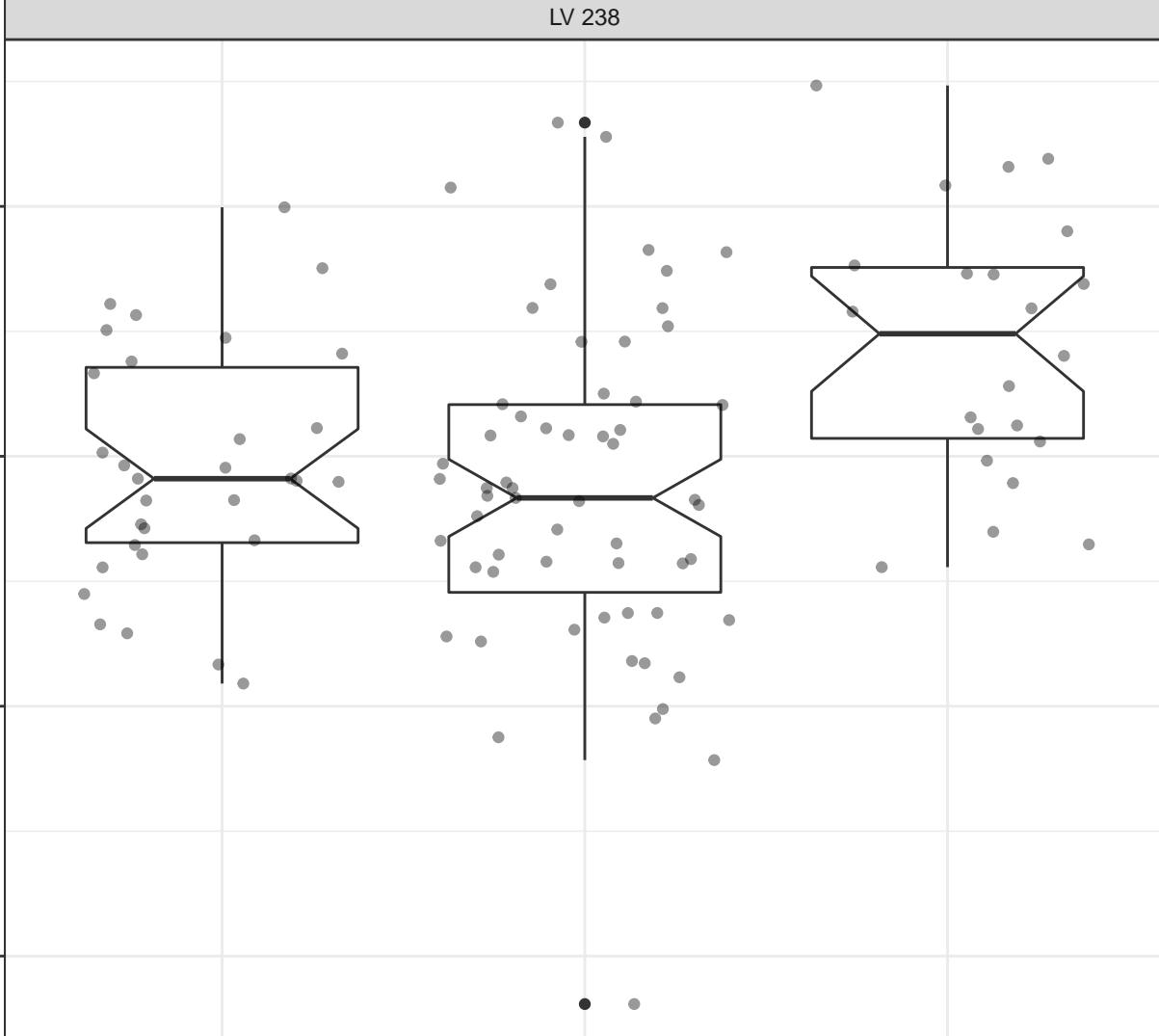
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 239

Value

0.05

0.00

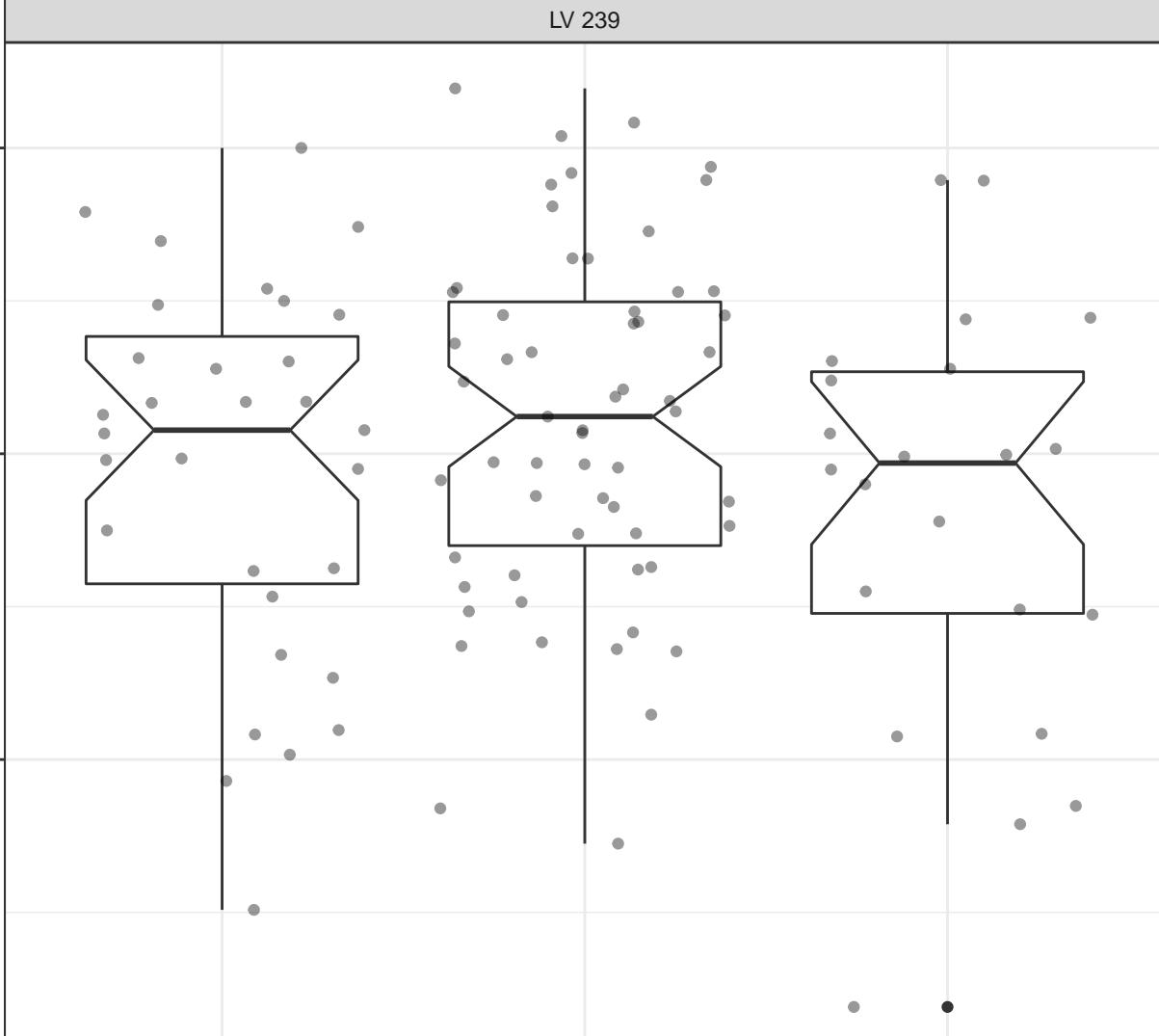
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

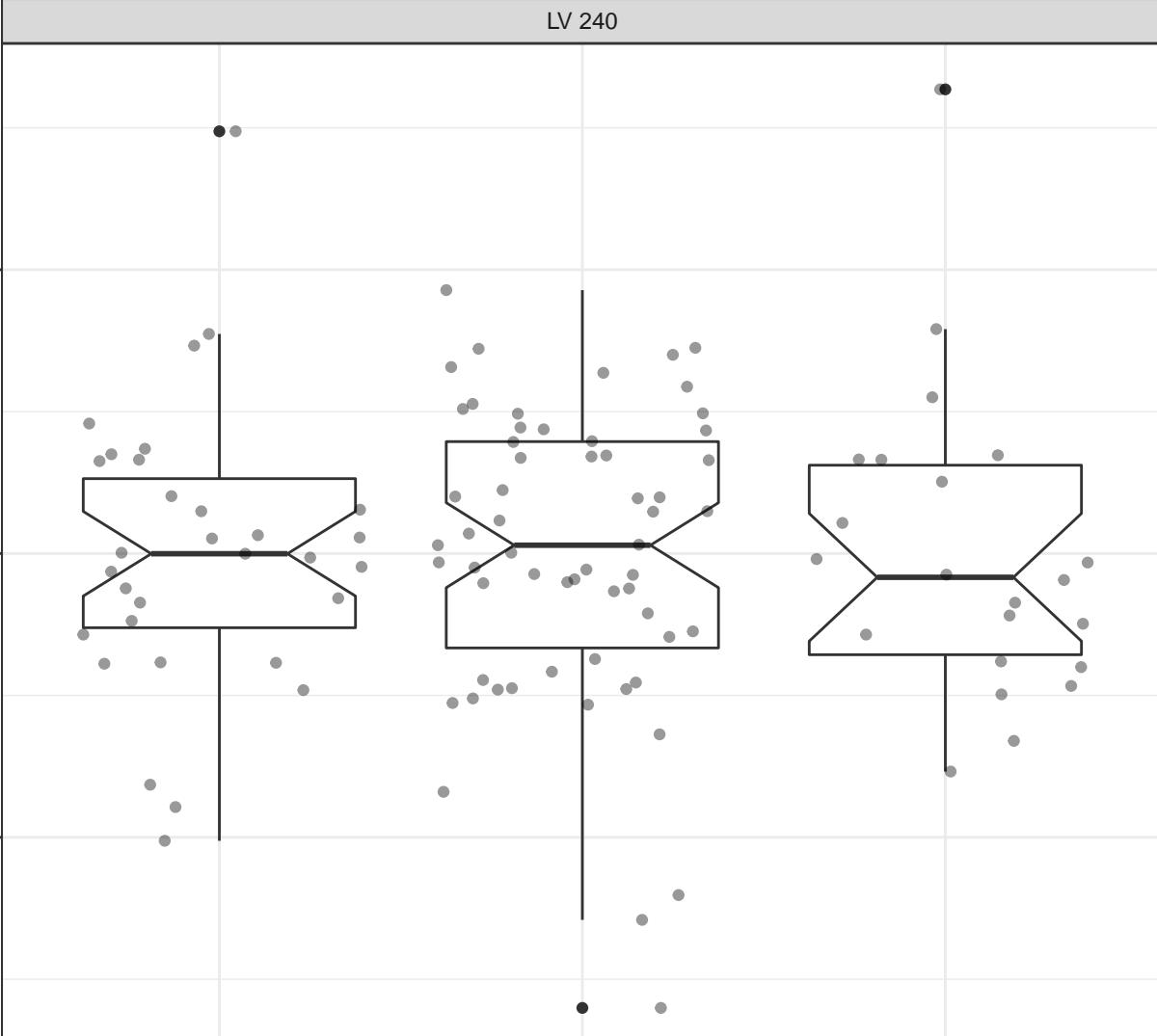
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

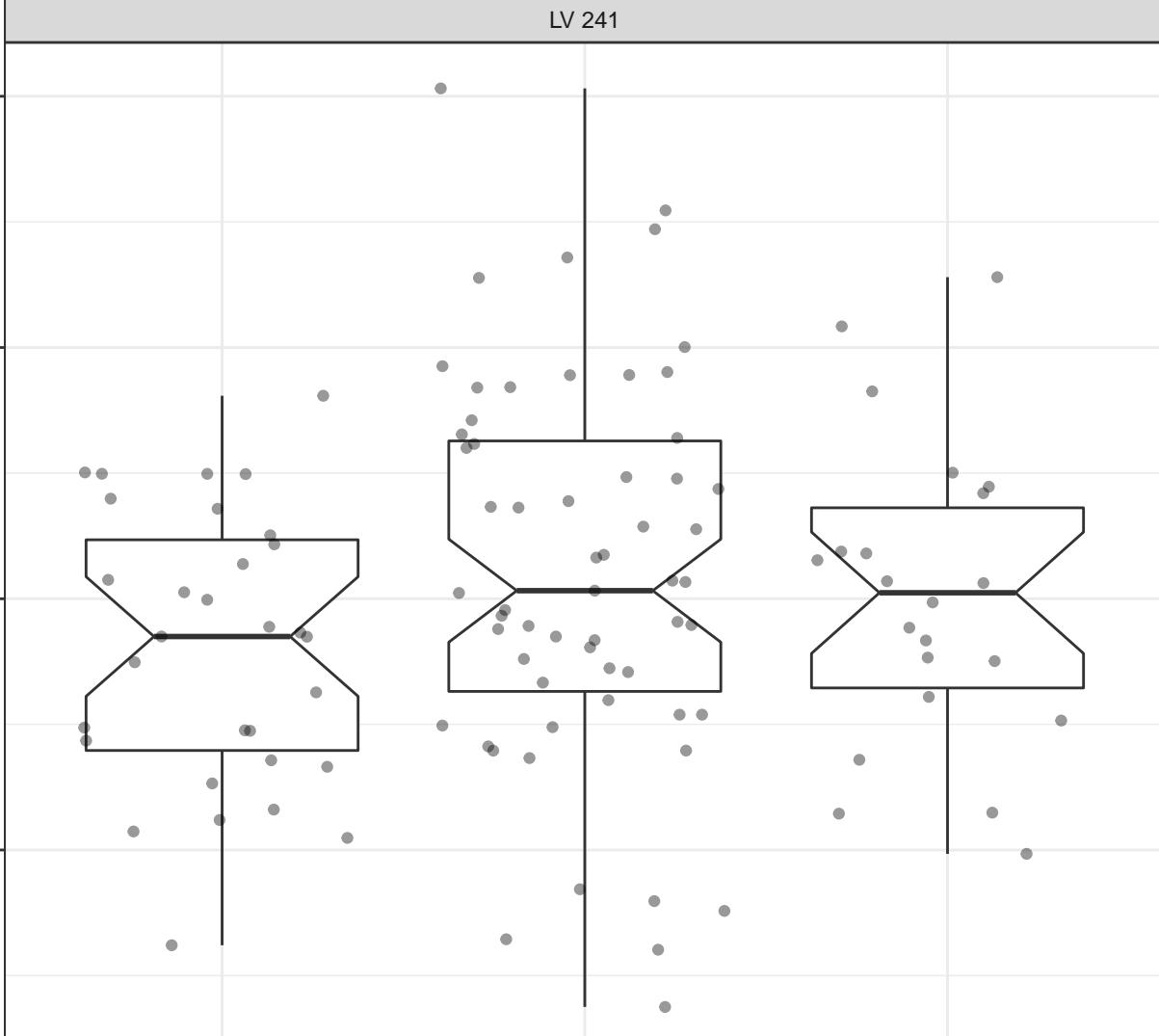
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.03

0.01

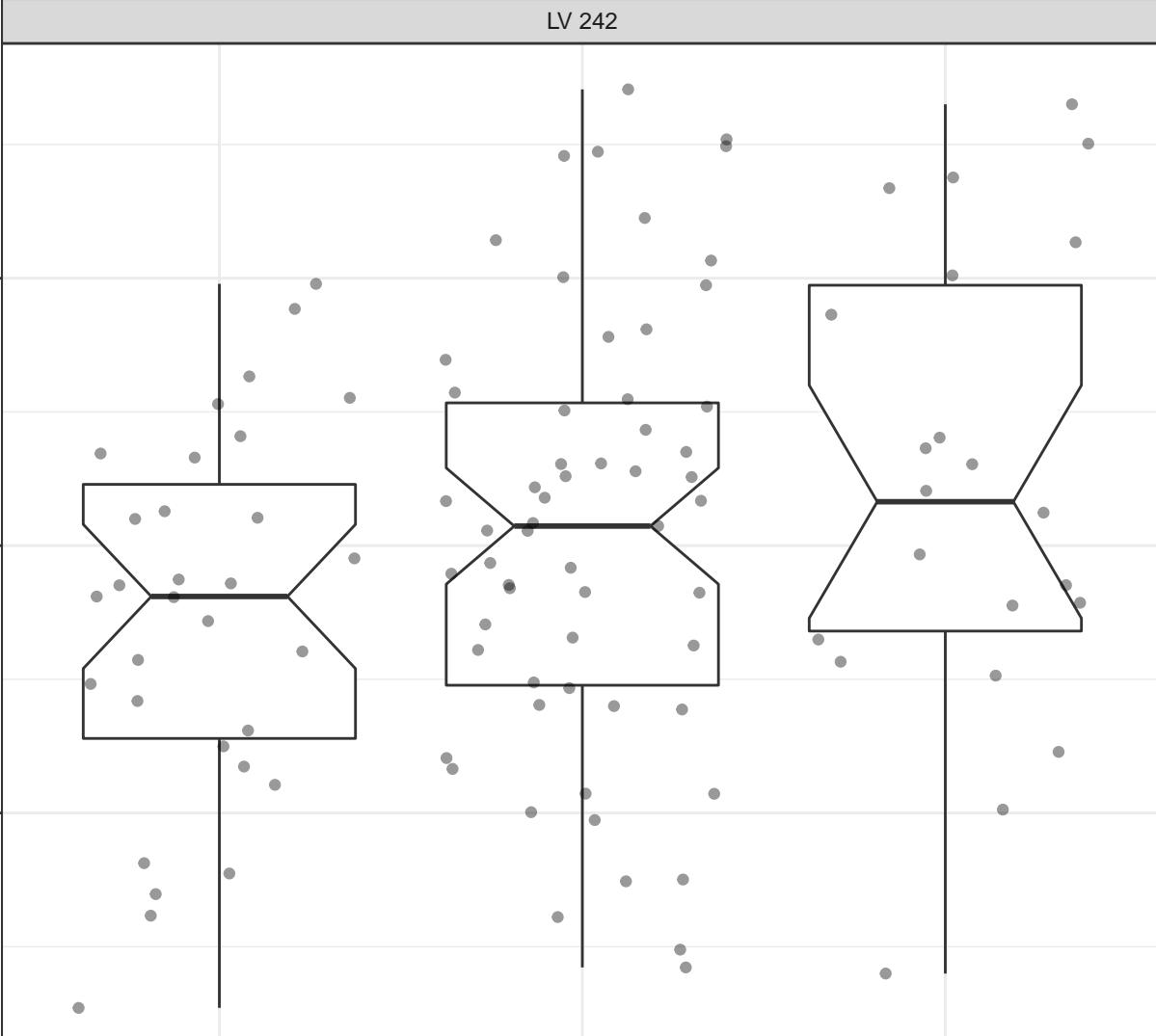
-0.03

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

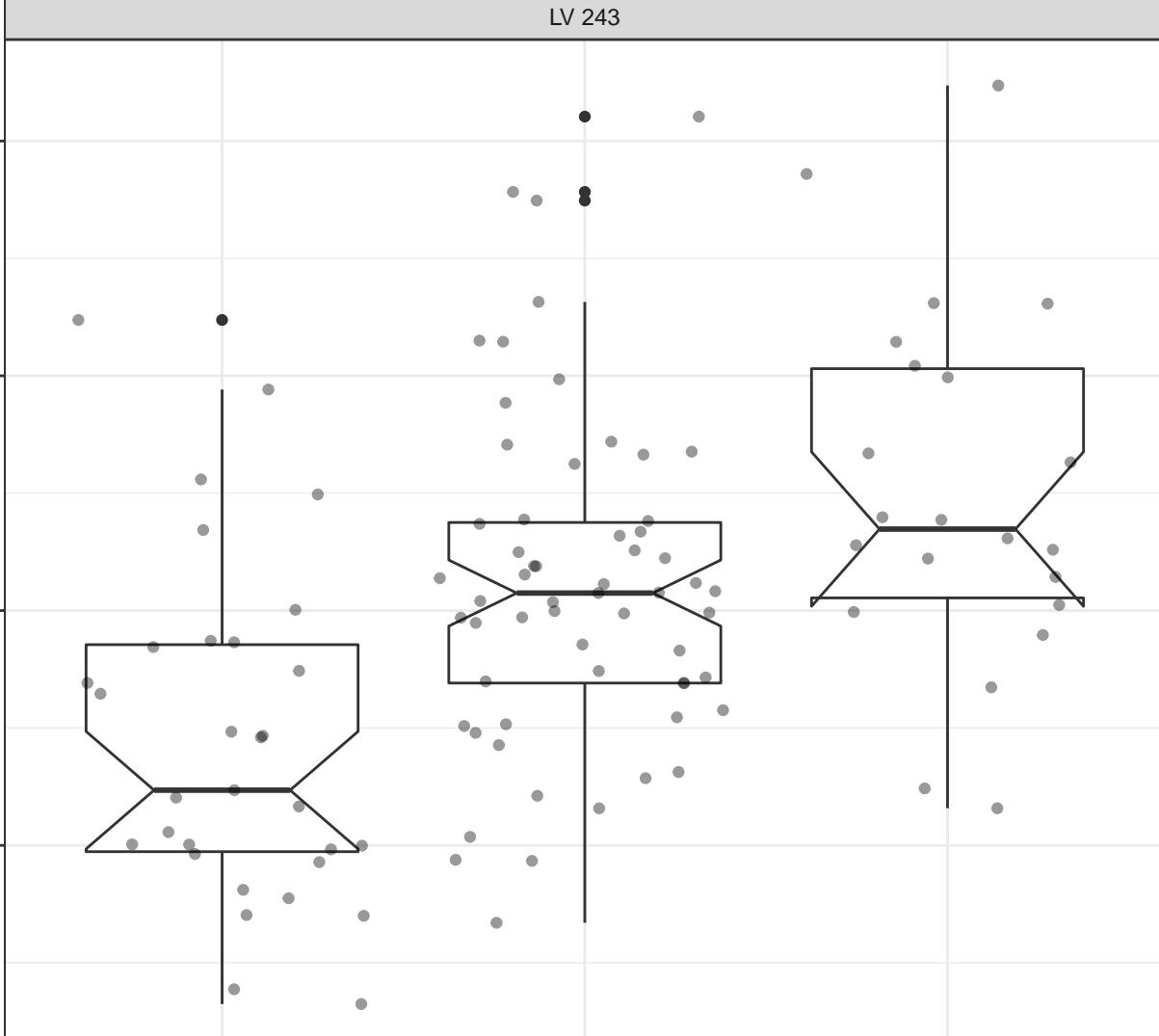
-0.05

Living donor control

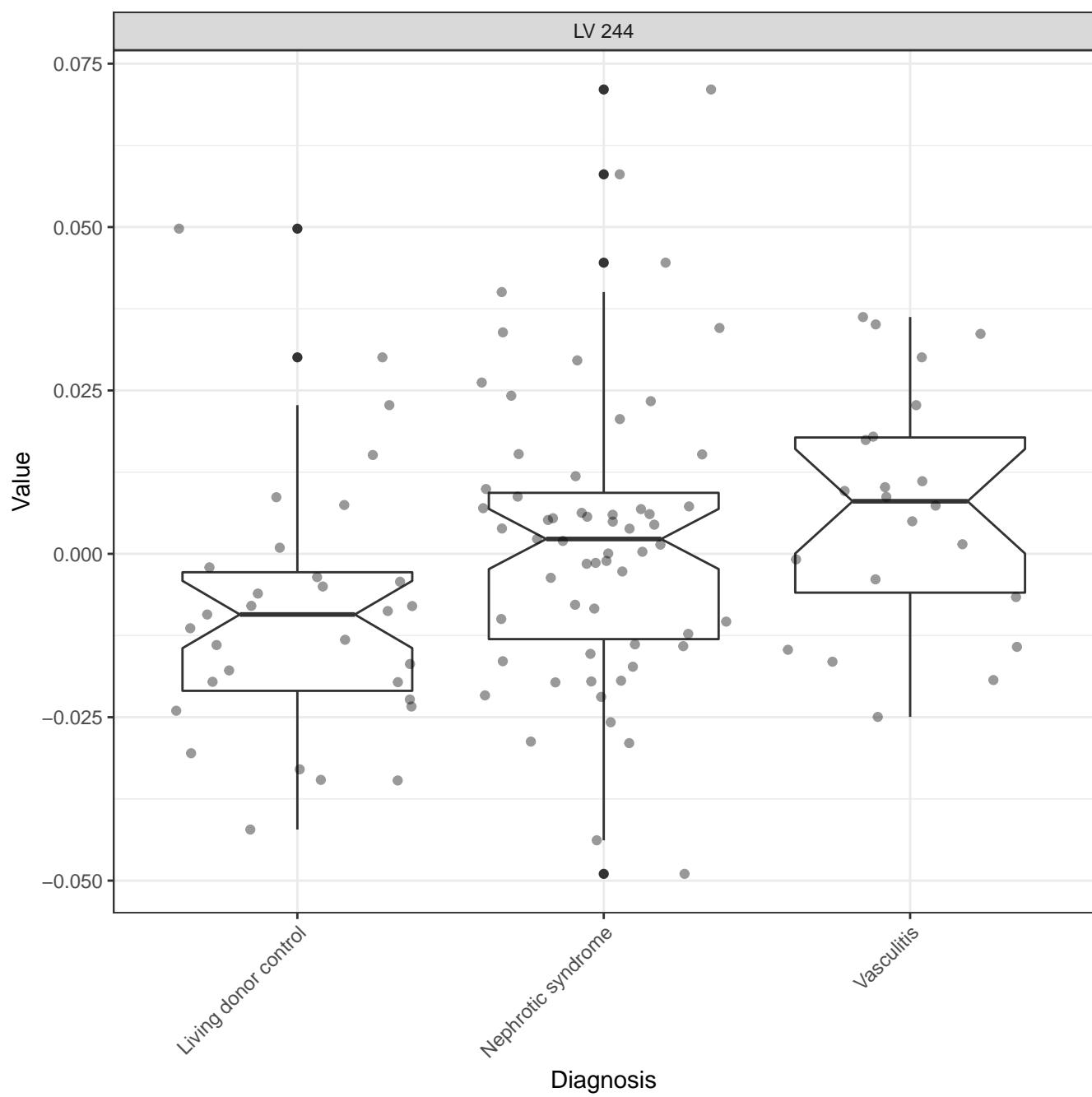
Nephrotic syndrome

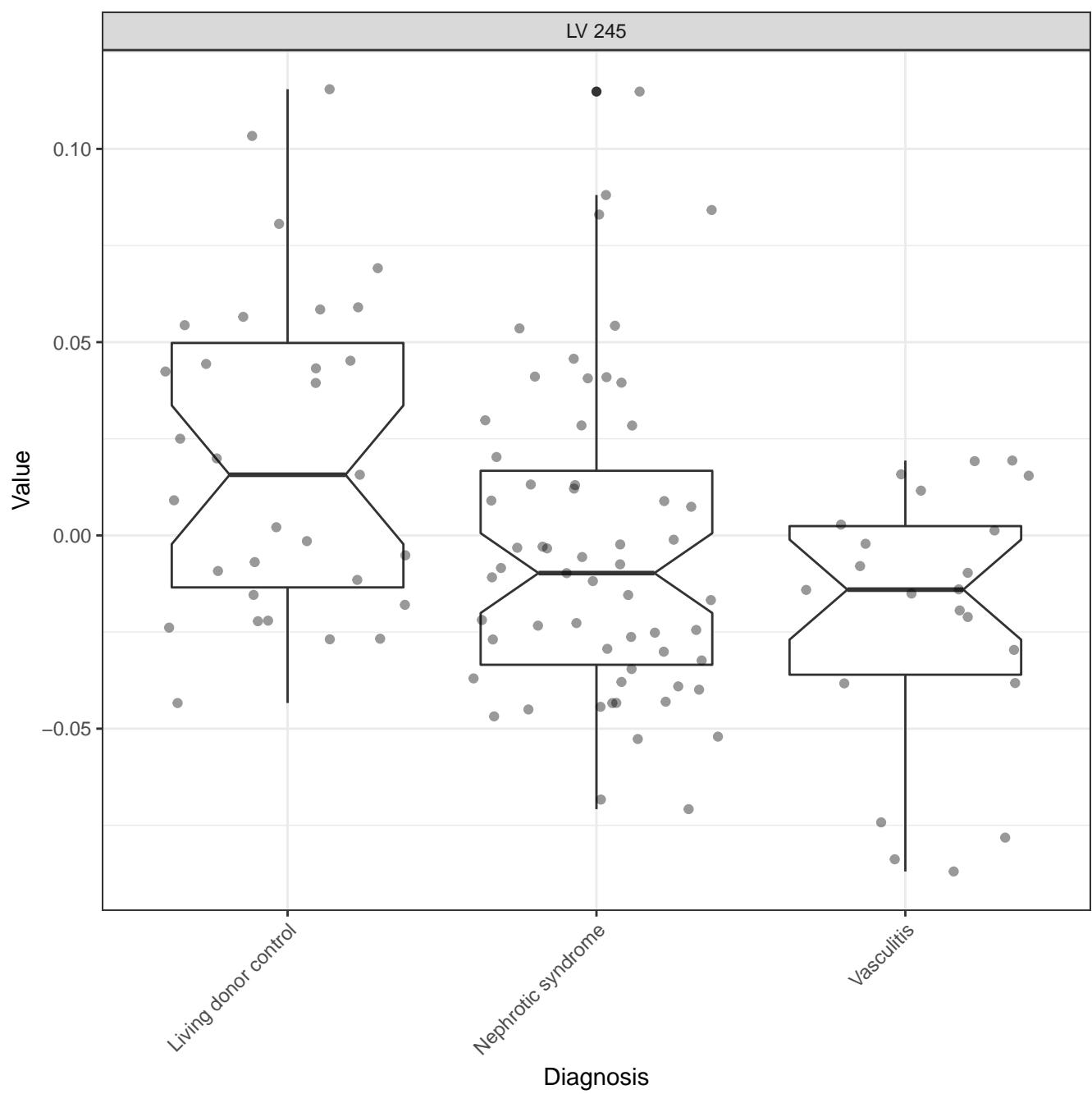
Vasculitis

Diagnosis

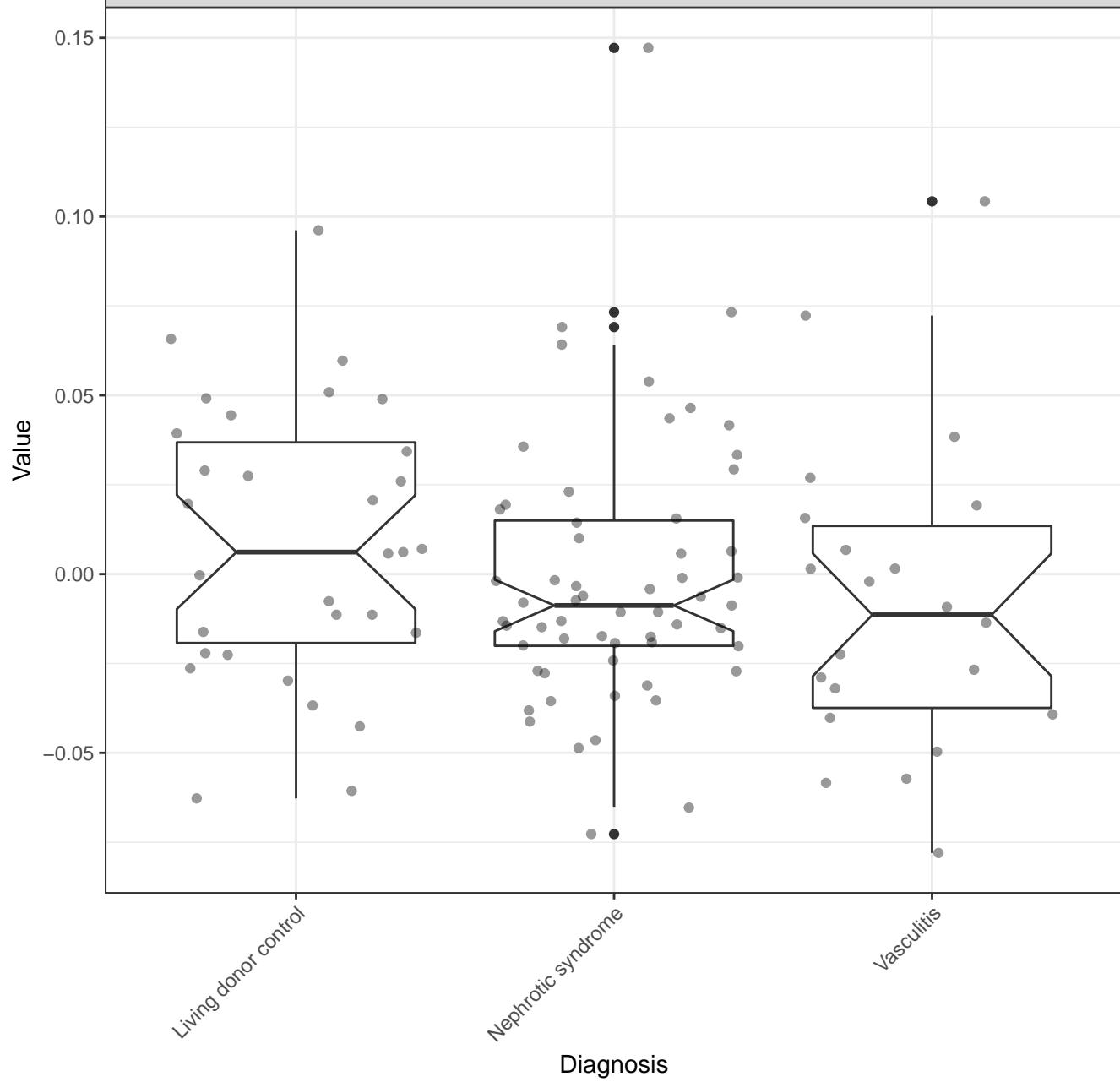


LV 244

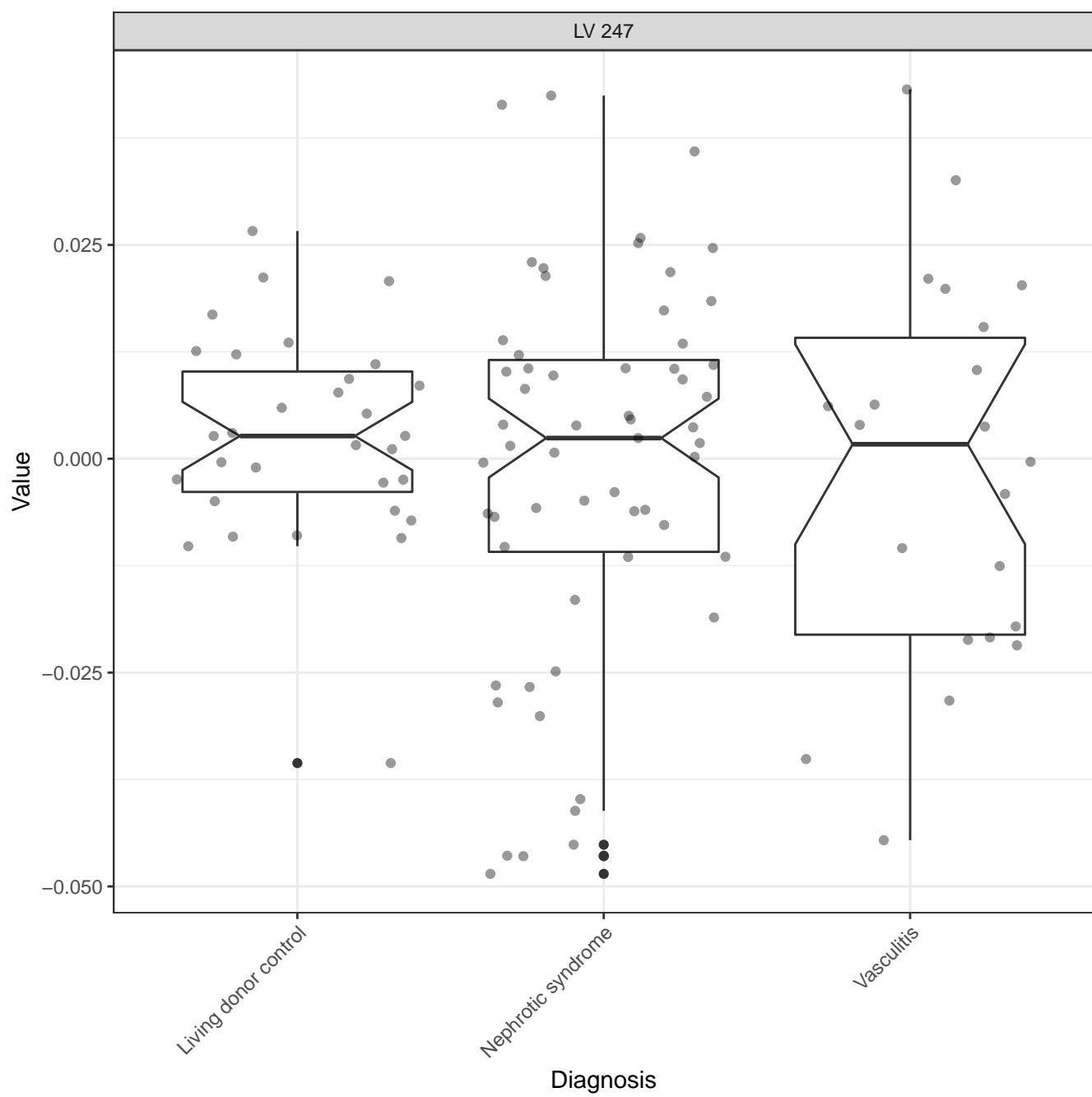




## 246,REACTOME\_TRIGLYCERIDE BIOSYNTHESIS



LV 247



LV 248

Value

0.04

0.00

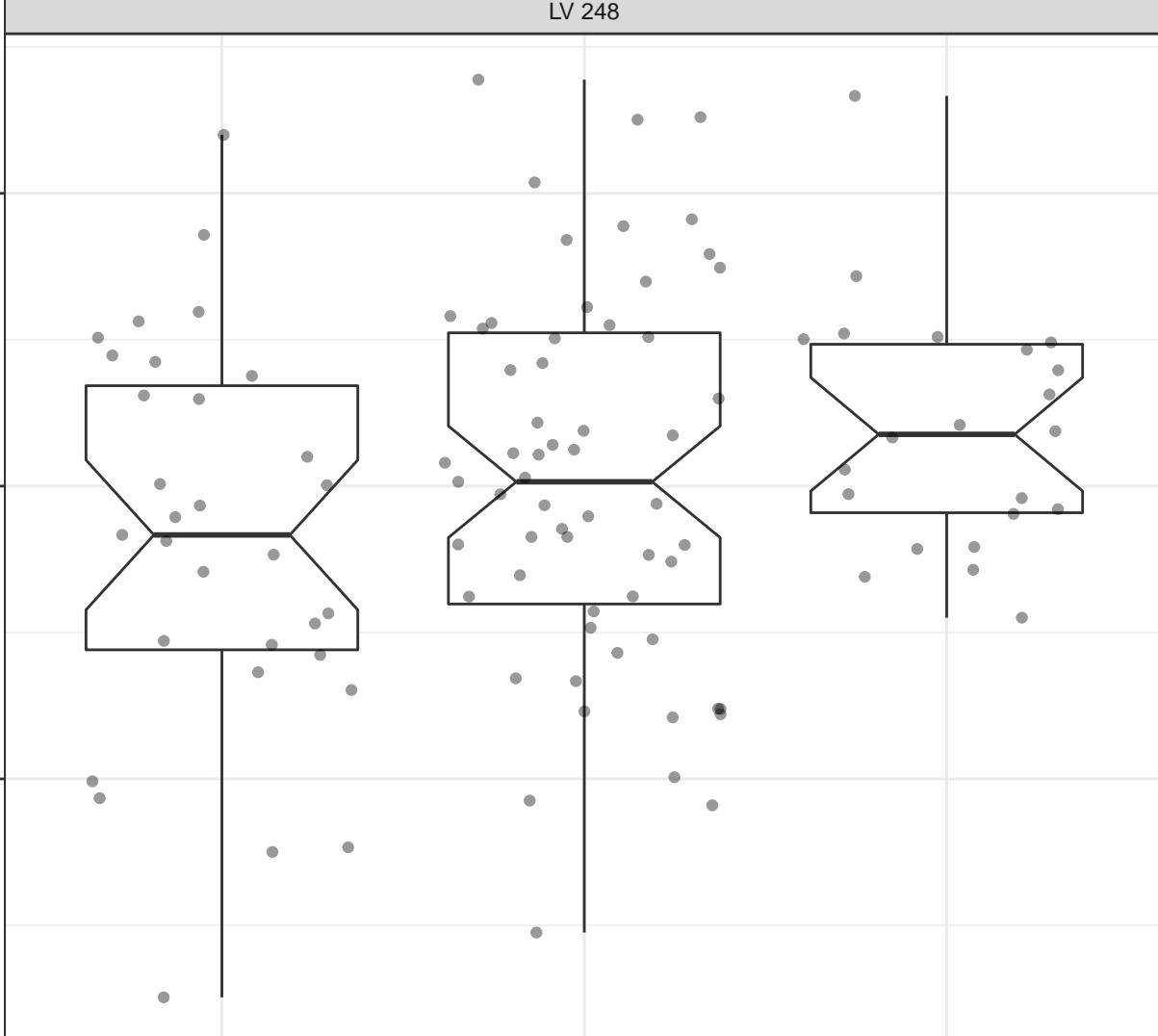
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 249

Value

0.15

0.10

0.05

0.00

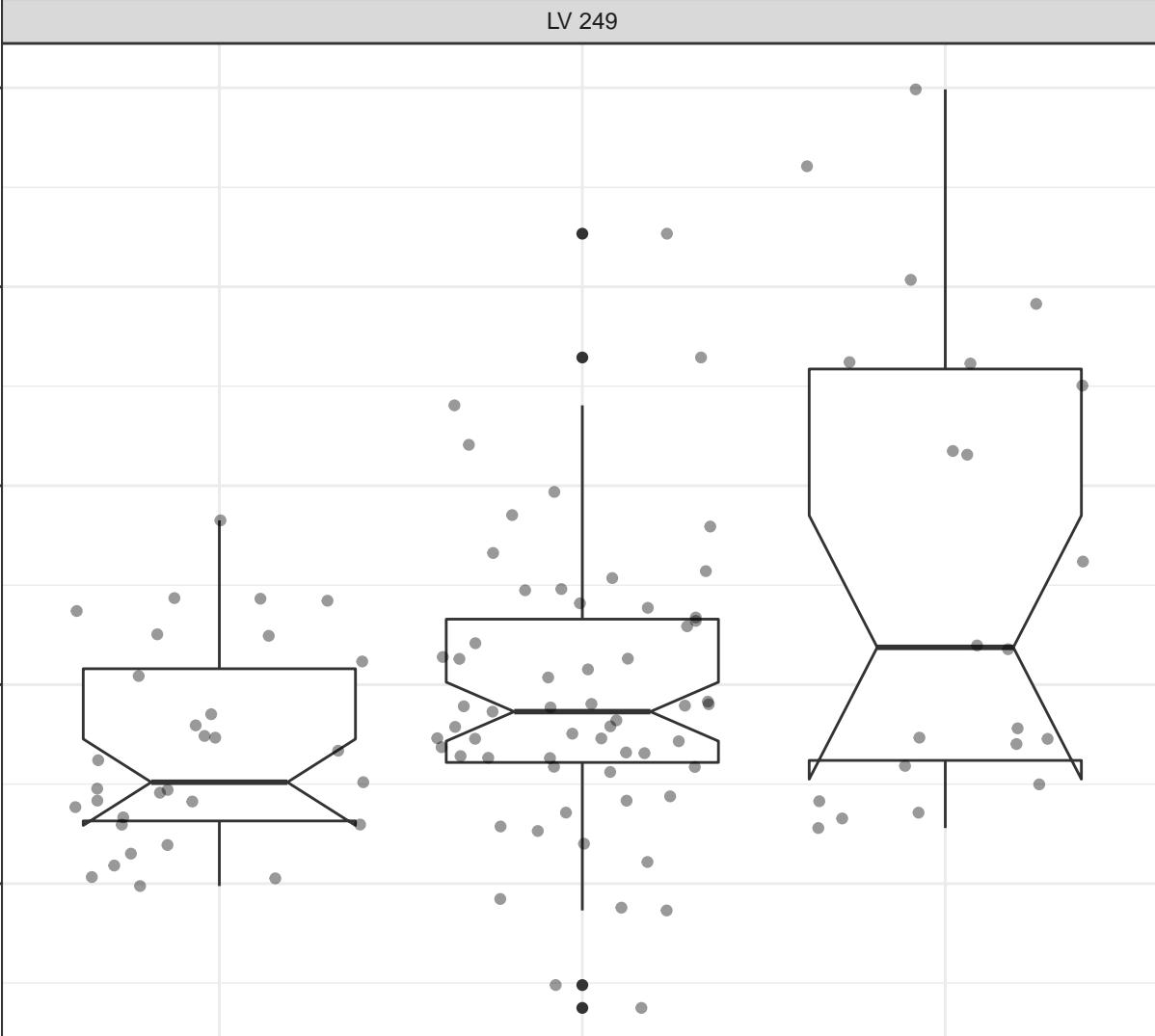
-0.05

Living donor control

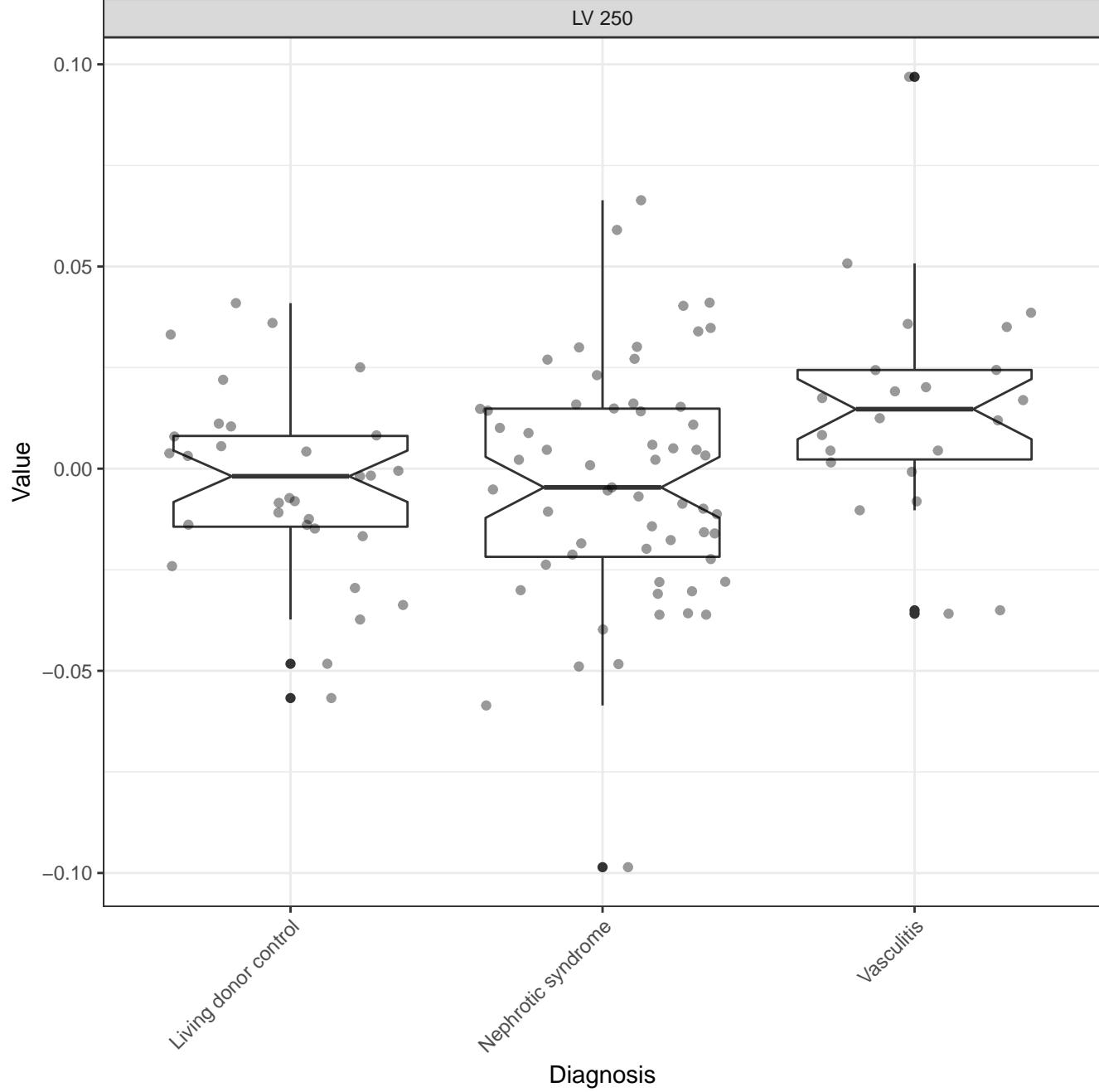
Nephrotic syndrome

Vasculitis

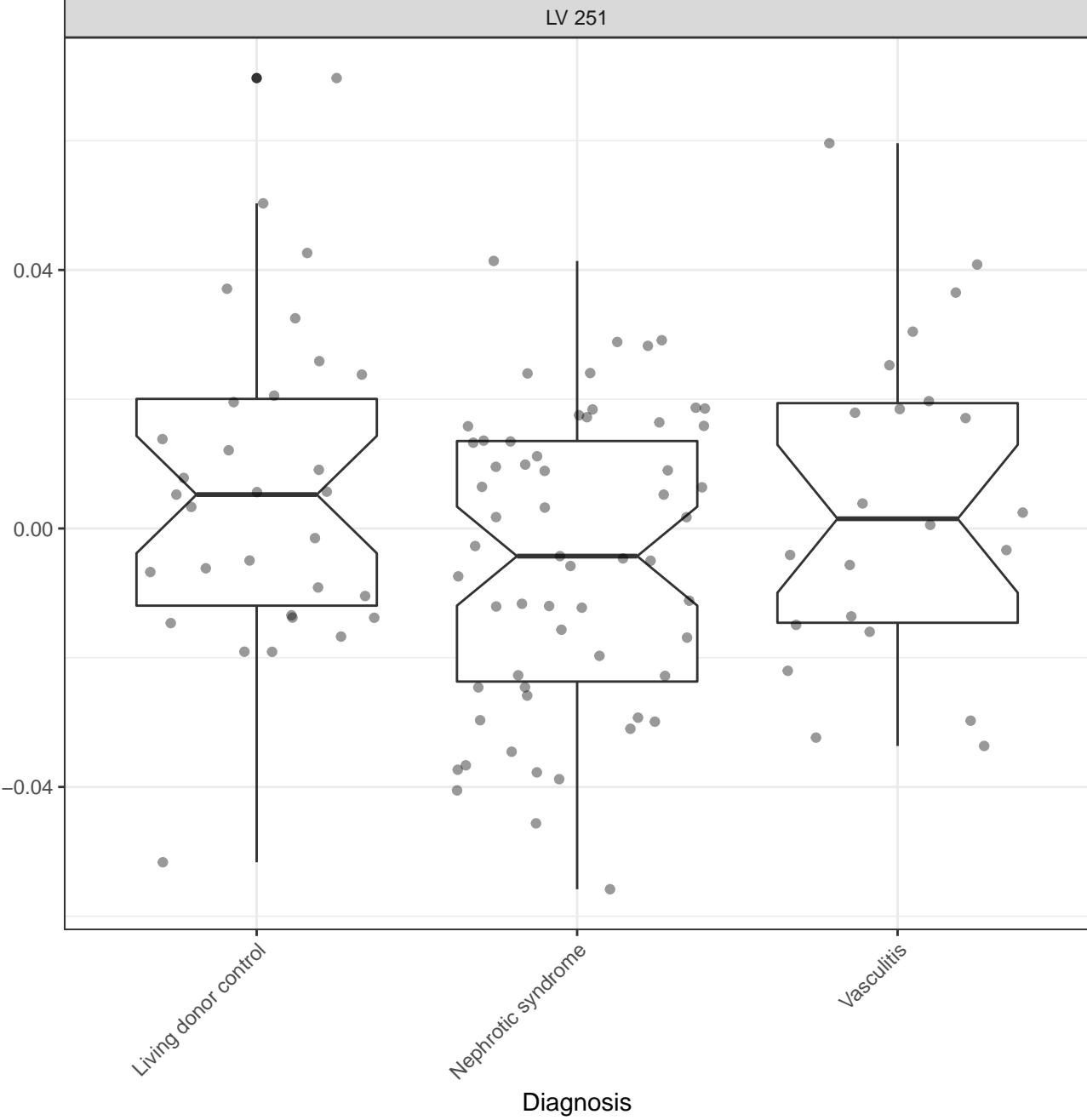
Diagnosis



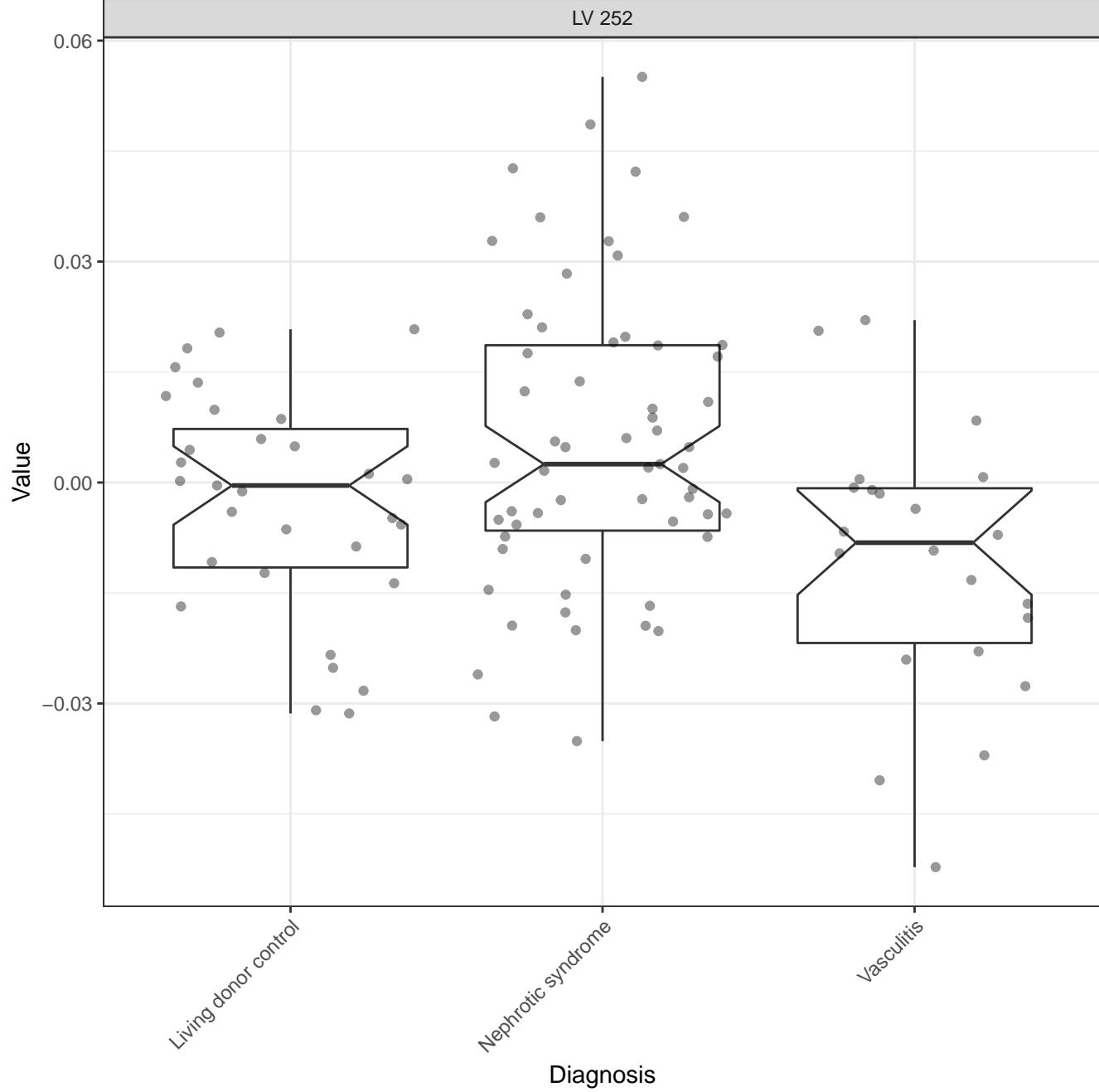
LV 250

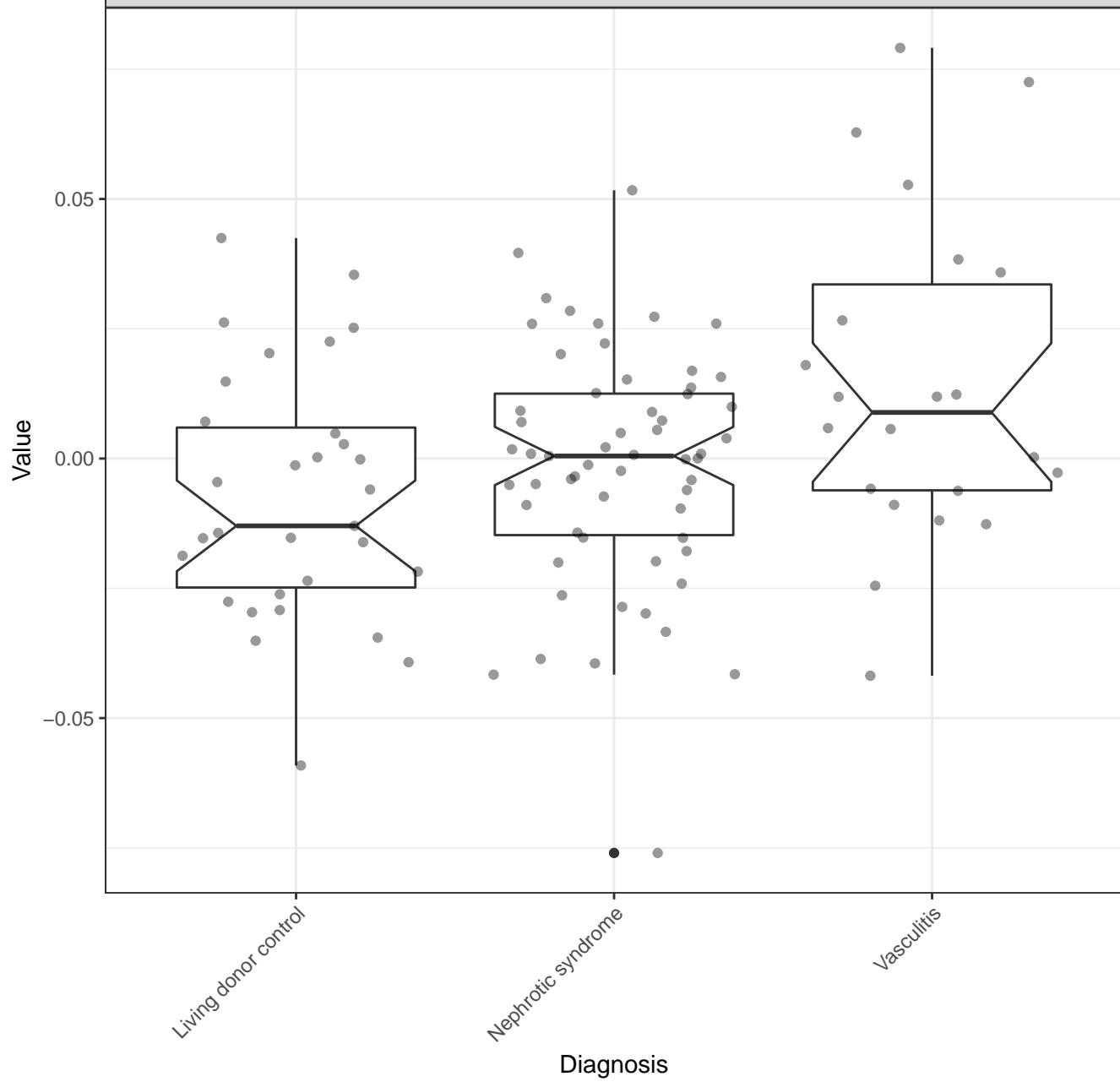


Value



LV 252





LV 254

Value

0.05

0.00

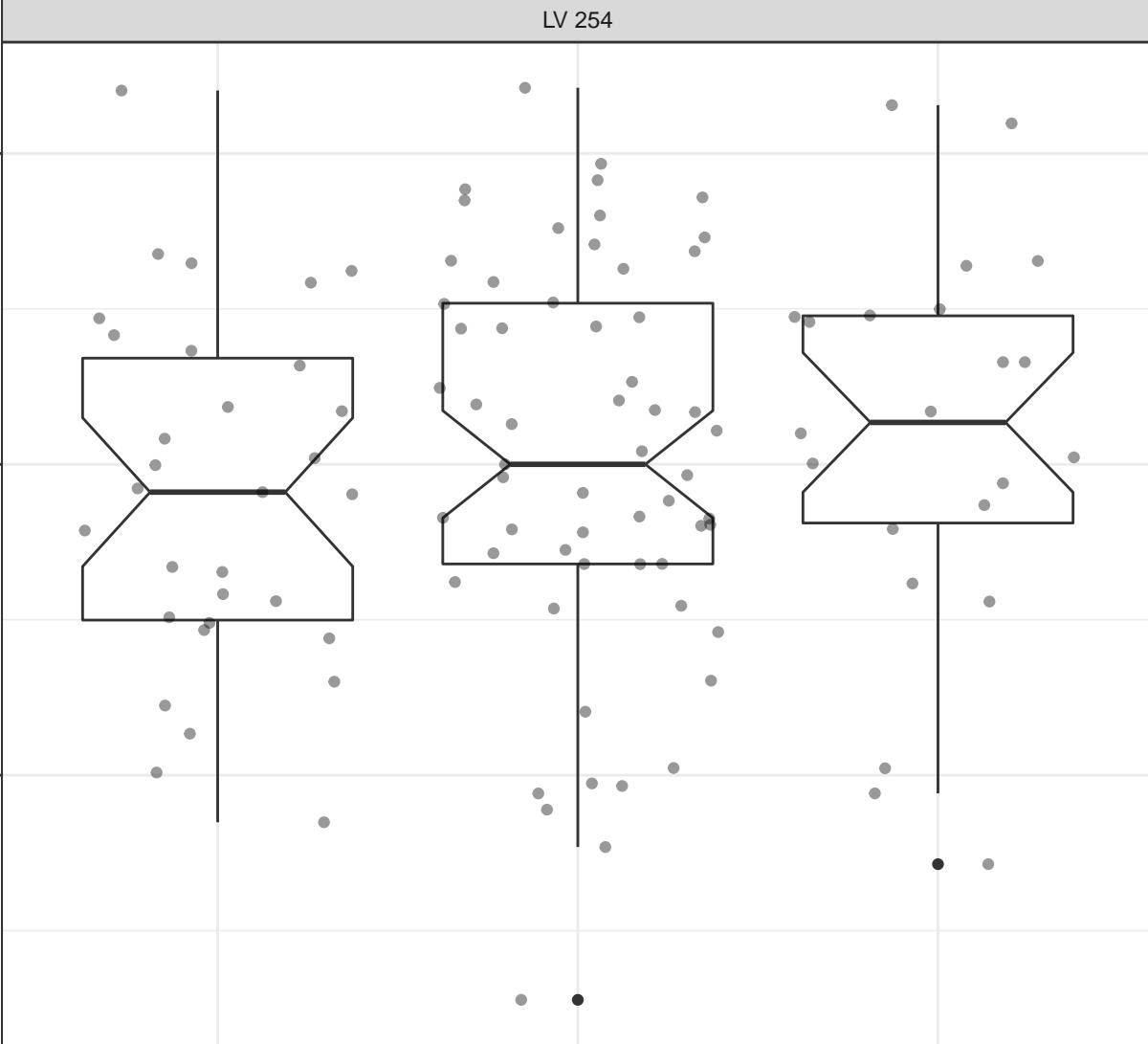
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

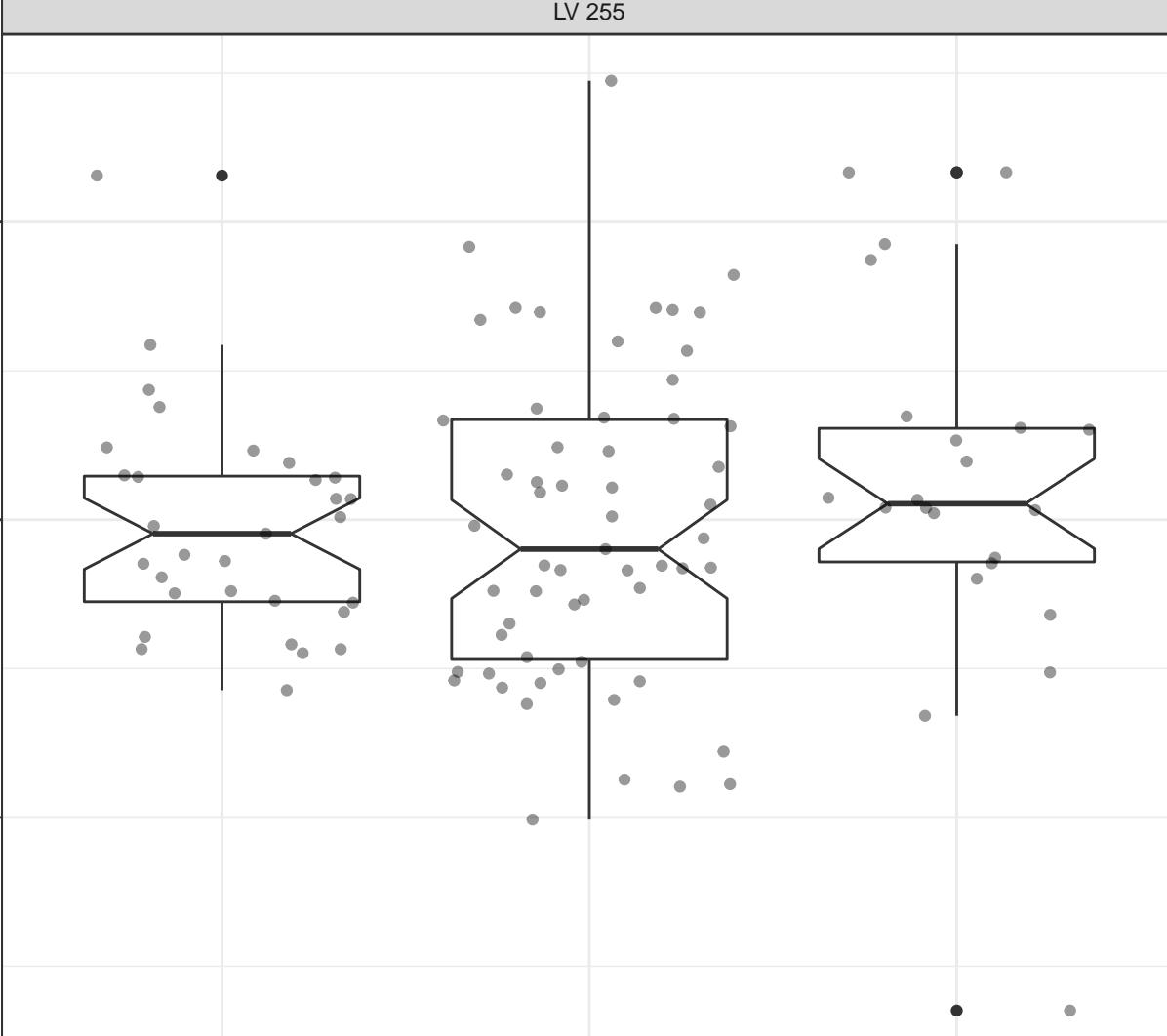
-0.05

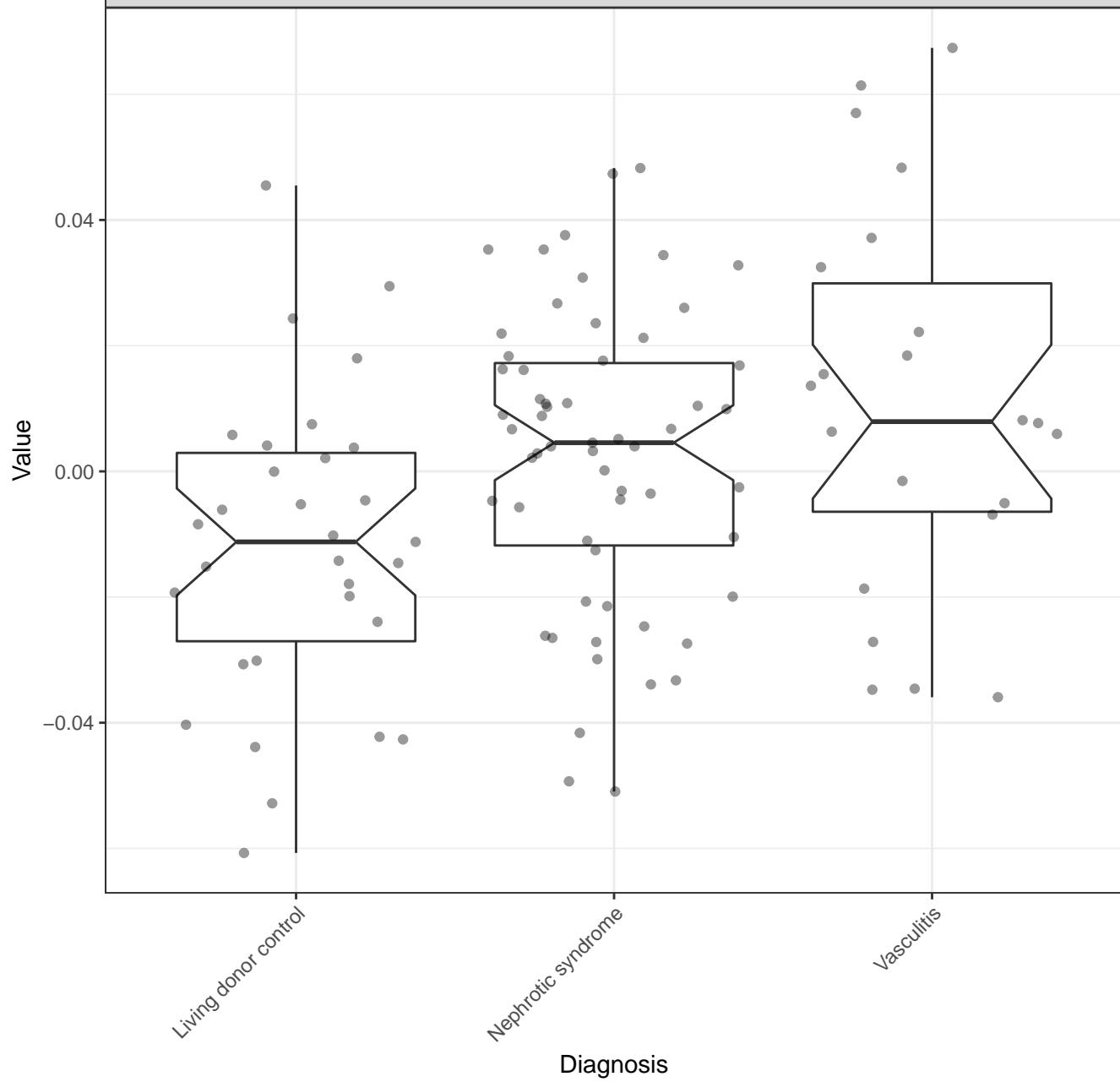
Living donor control

Nephrotic syndrome

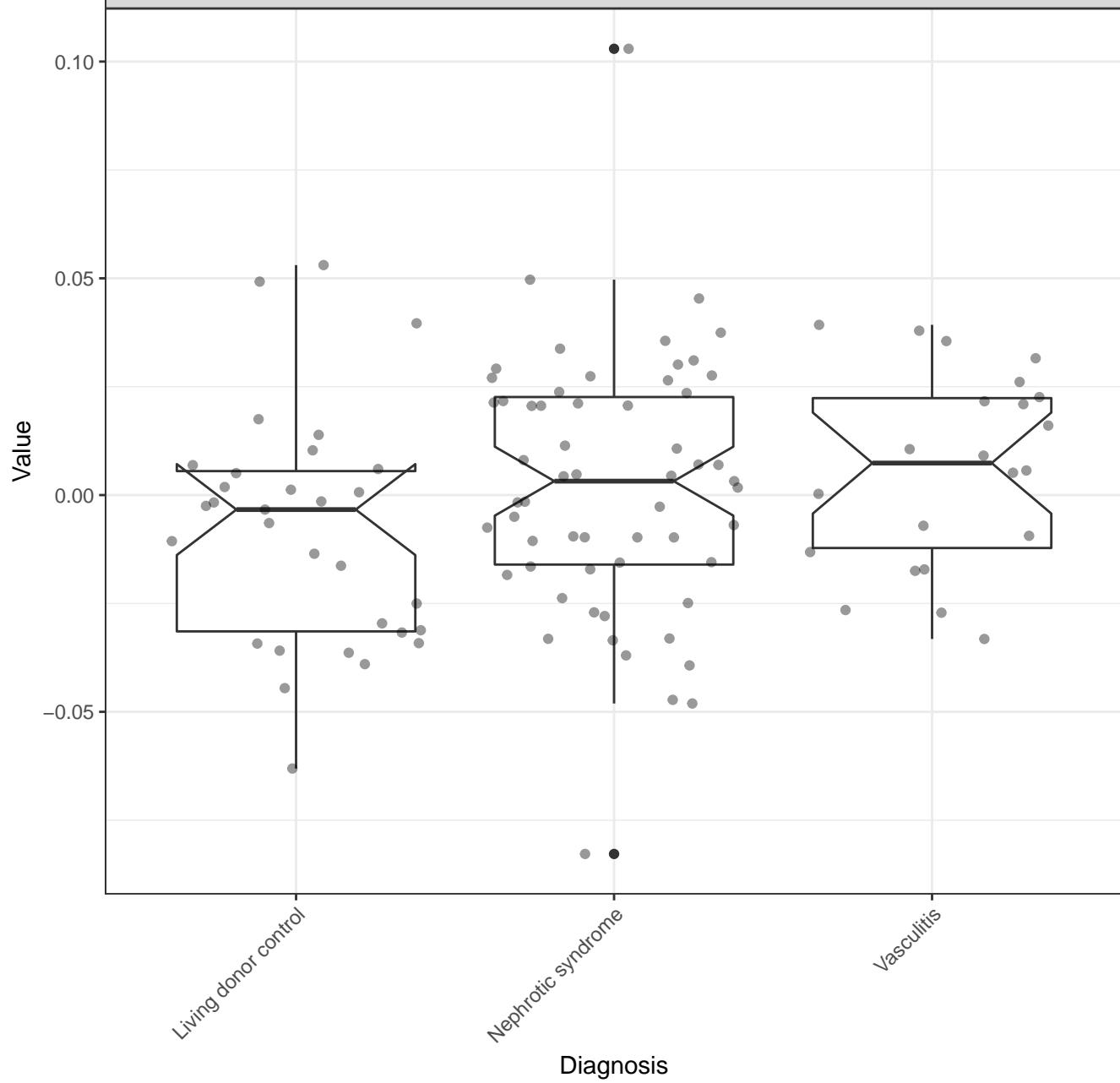
Vasculitis

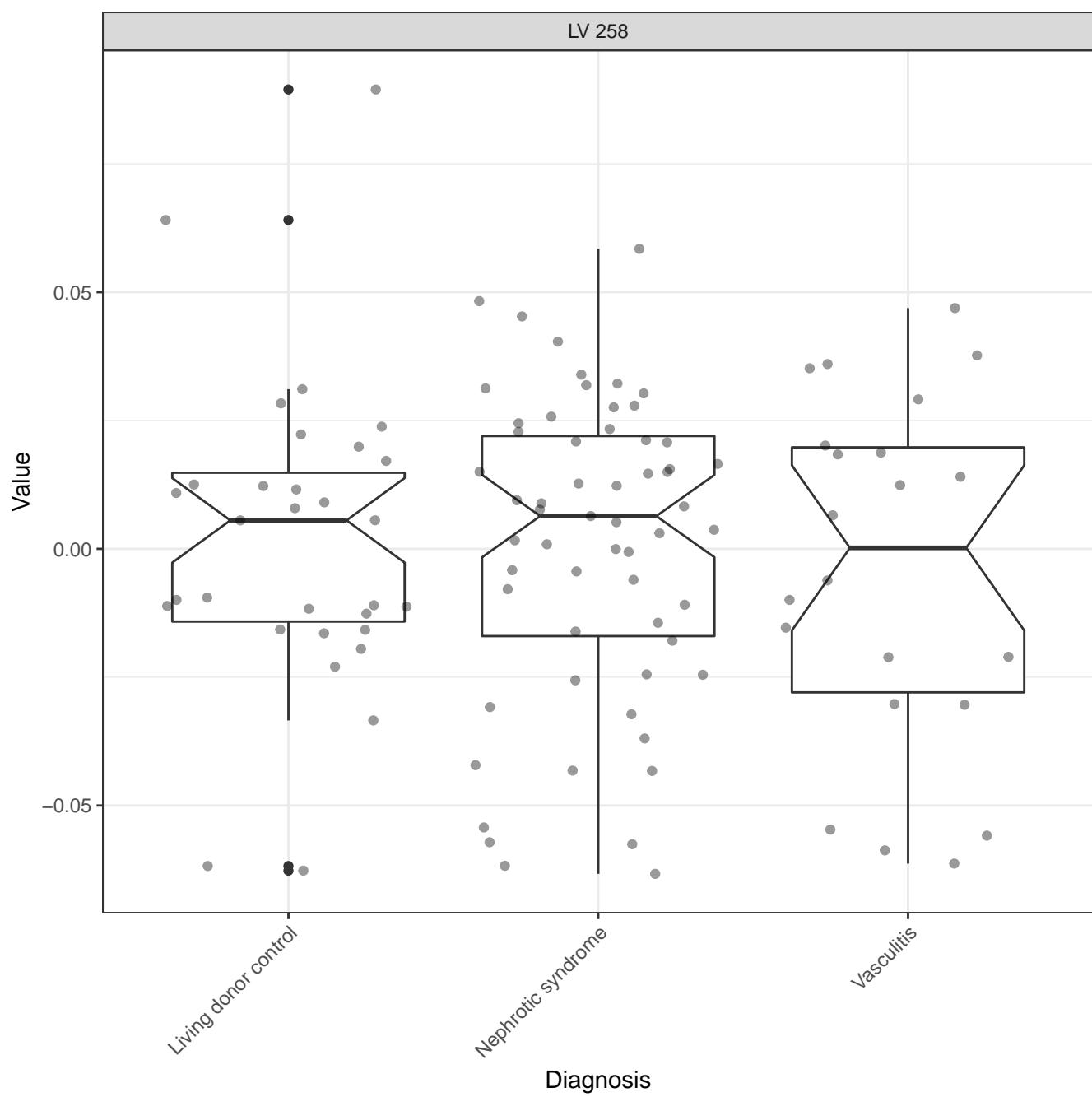
Diagnosis





# 257,KEGG\_DILATED\_CARDIOMYOPATHY





LV 259

Value

0.05

0.00

-0.05

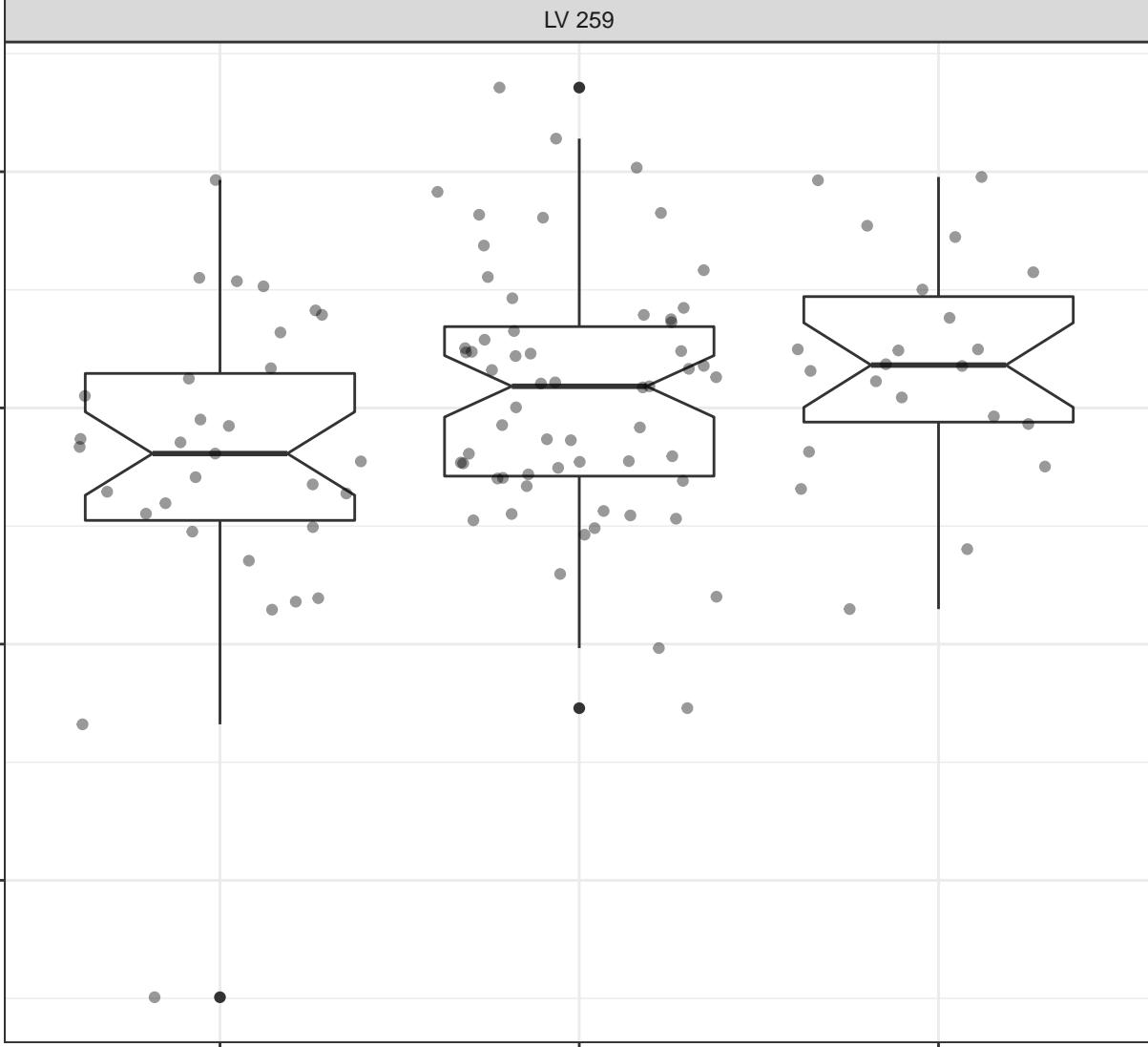
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

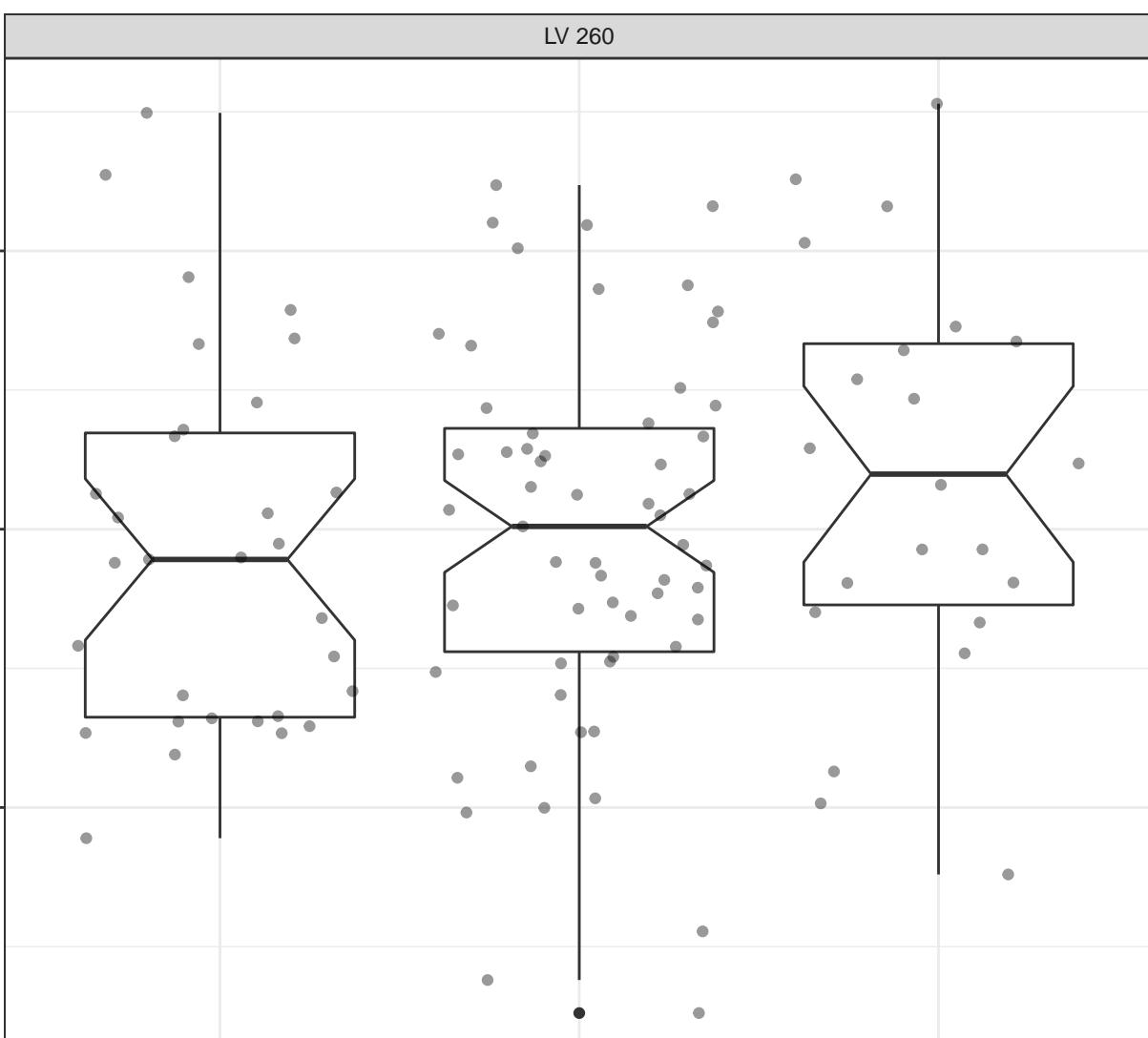
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 261

Value

0.10

0.05

0.00

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 262

Value

0.06

0.03

0.00

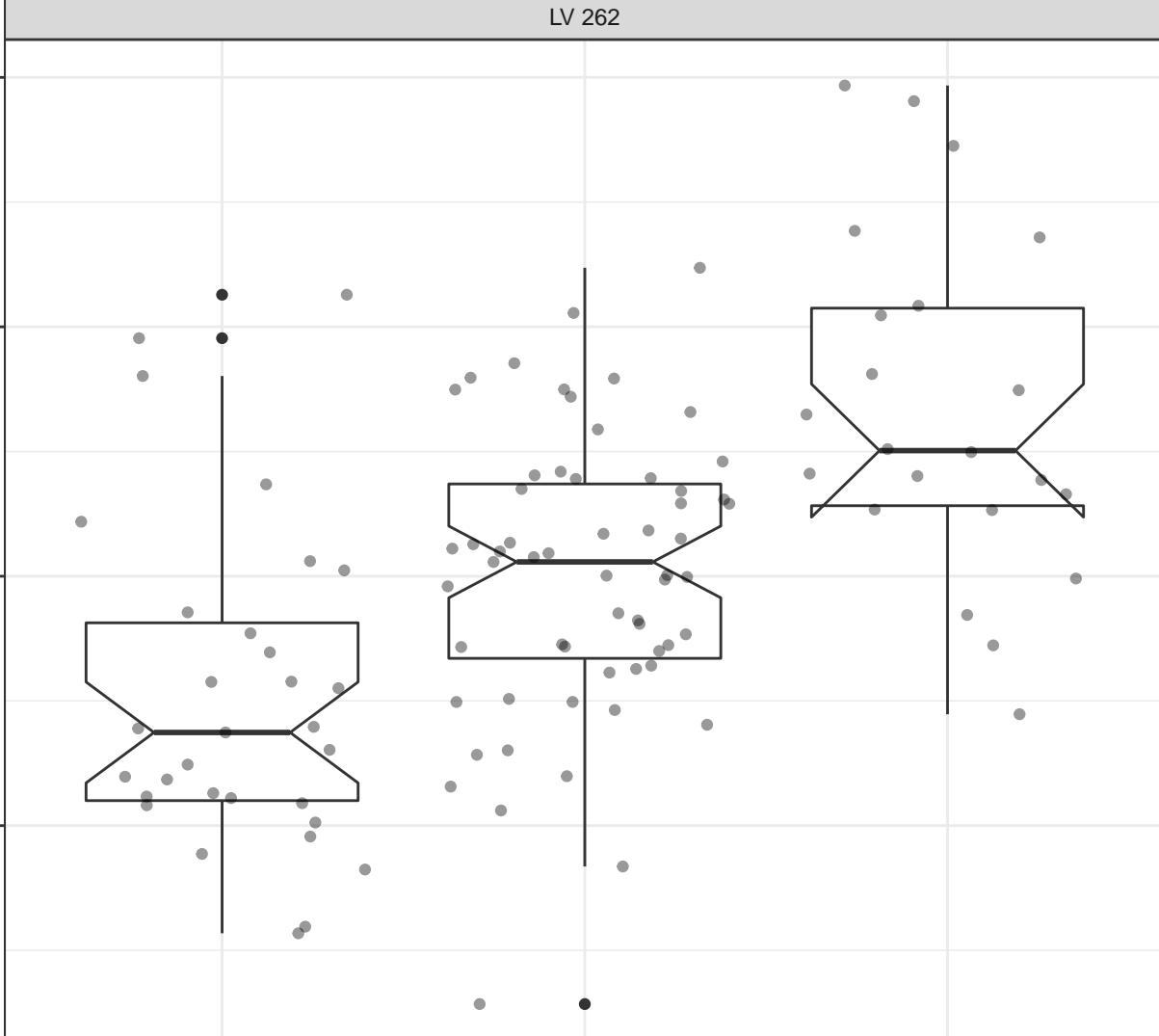
-0.03

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 263

Value

0.05

0.00

-0.05

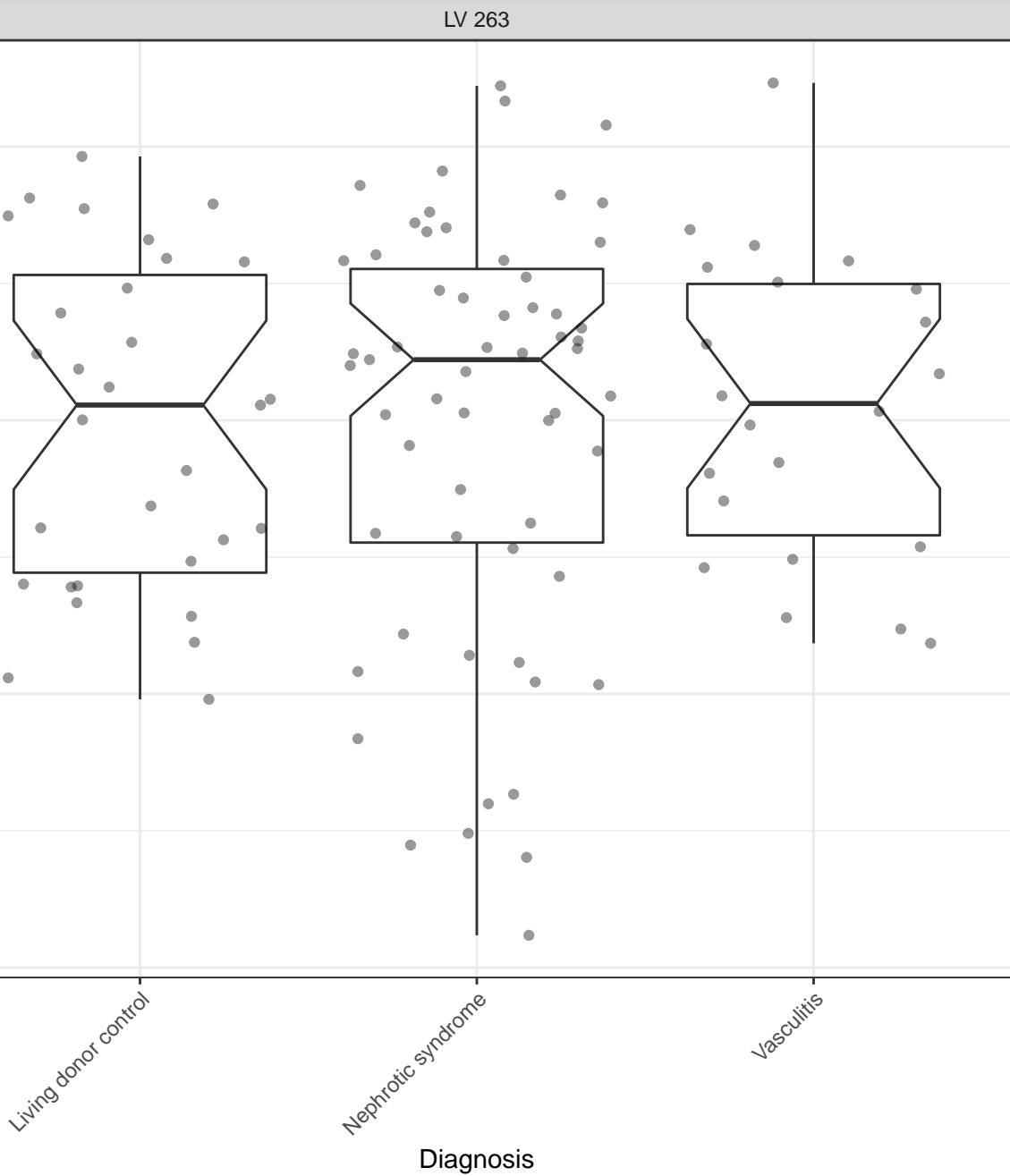
-0.10

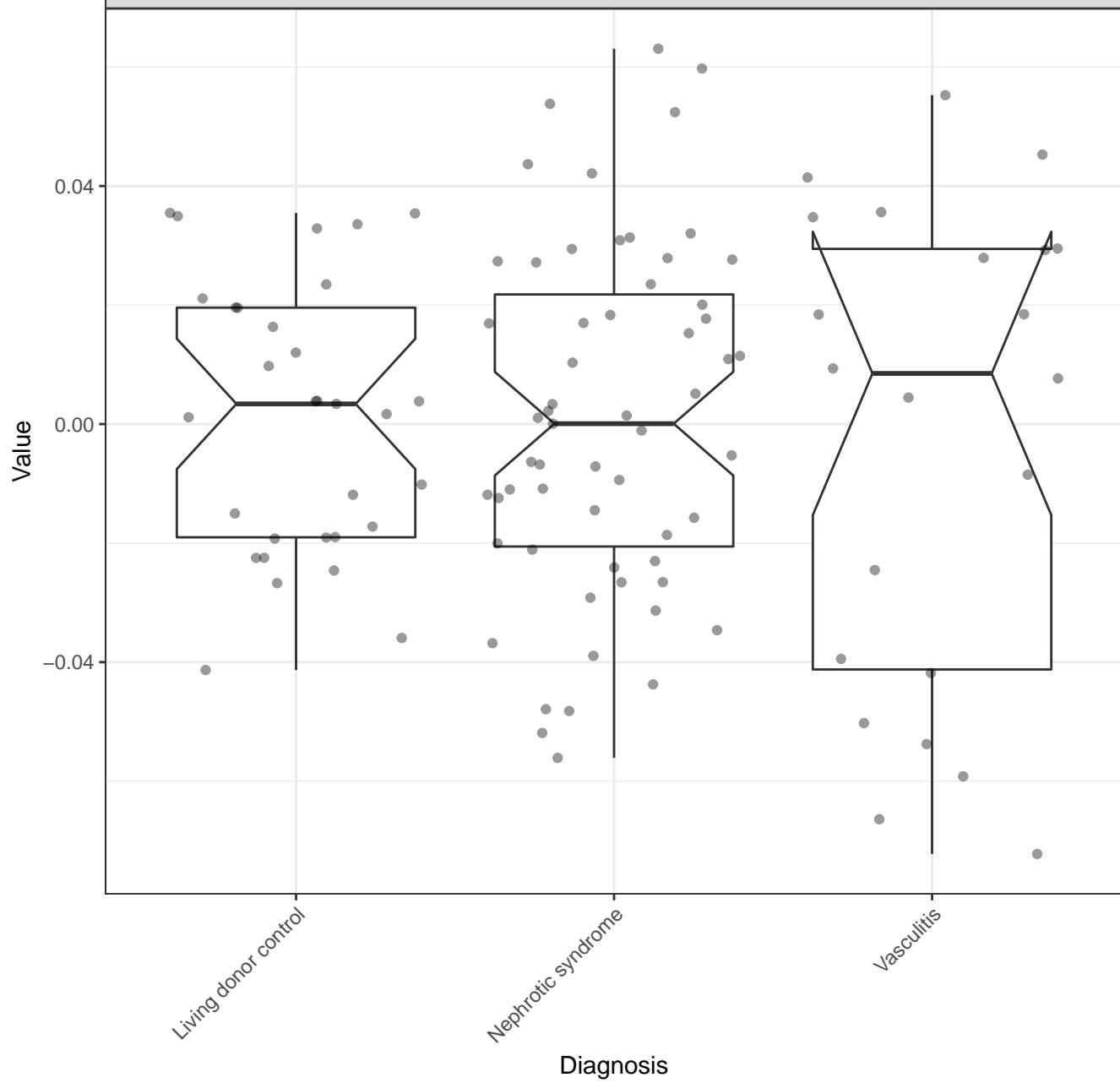
Living donor control

Nephrotic syndrome

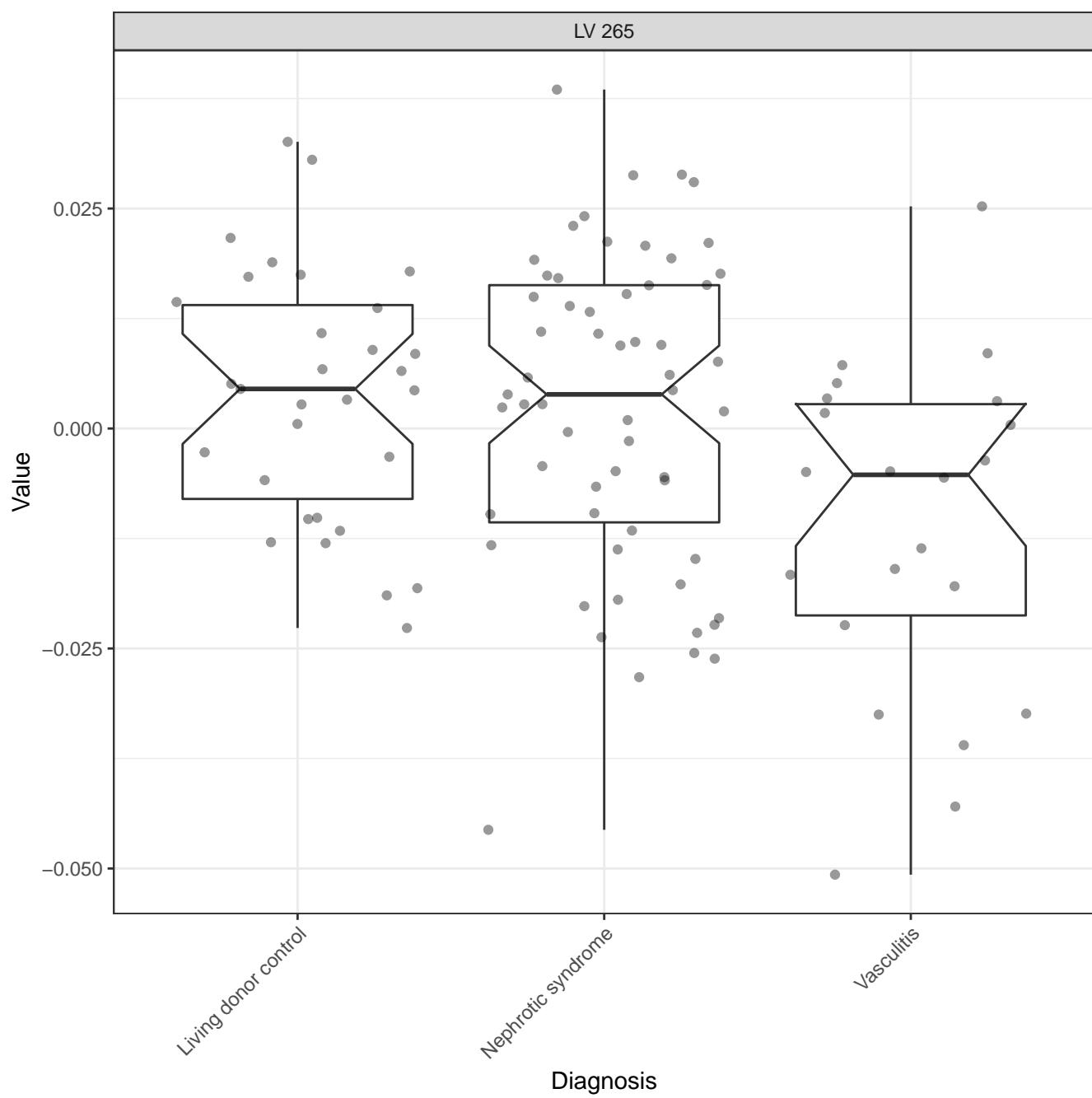
Vasculitis

Diagnosis





LV 265



## 266,PID\_FASPATHWAY

Value

0.04

0.01

-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.05

0.00

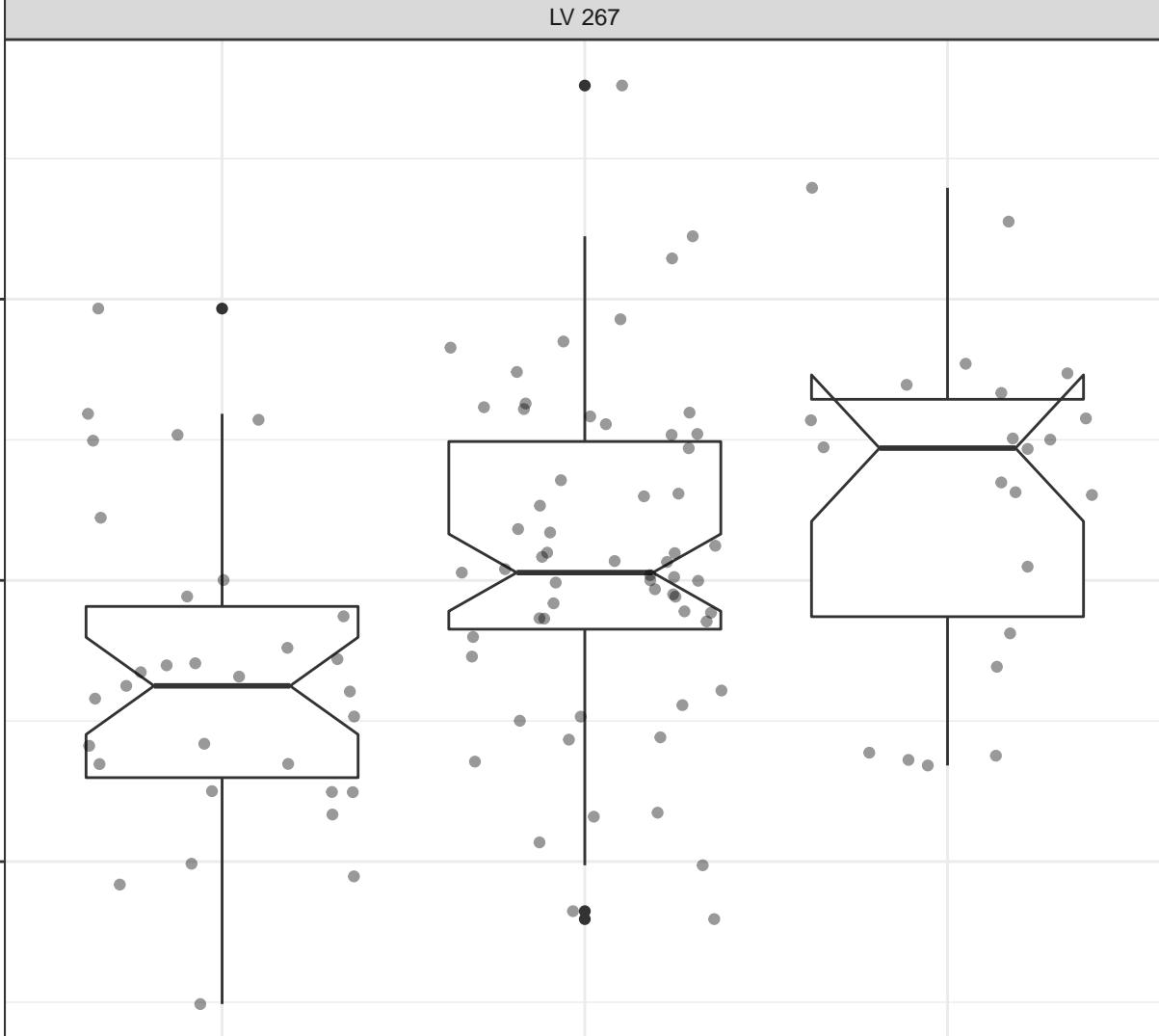
-0.05

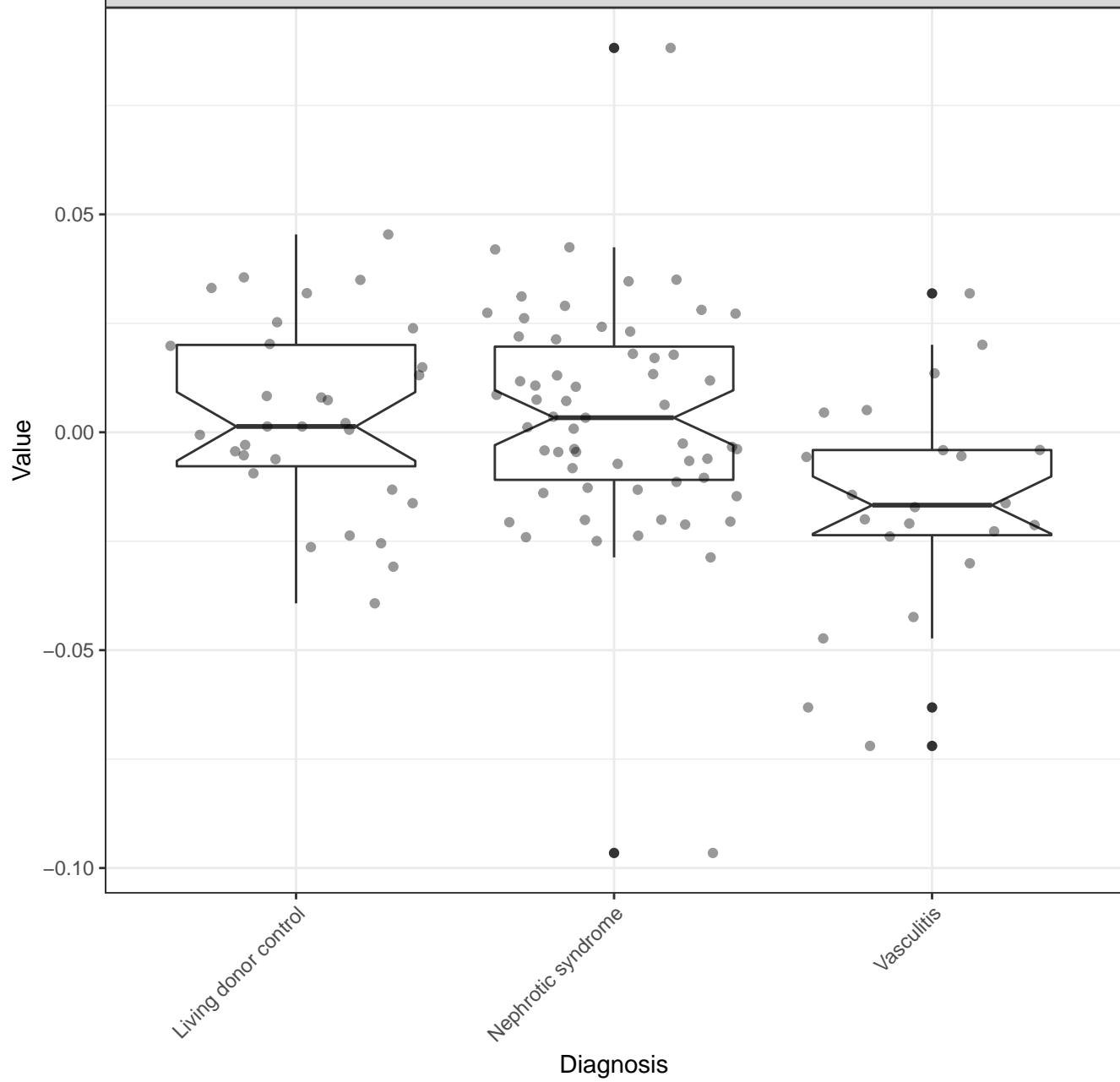
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.05

0.00

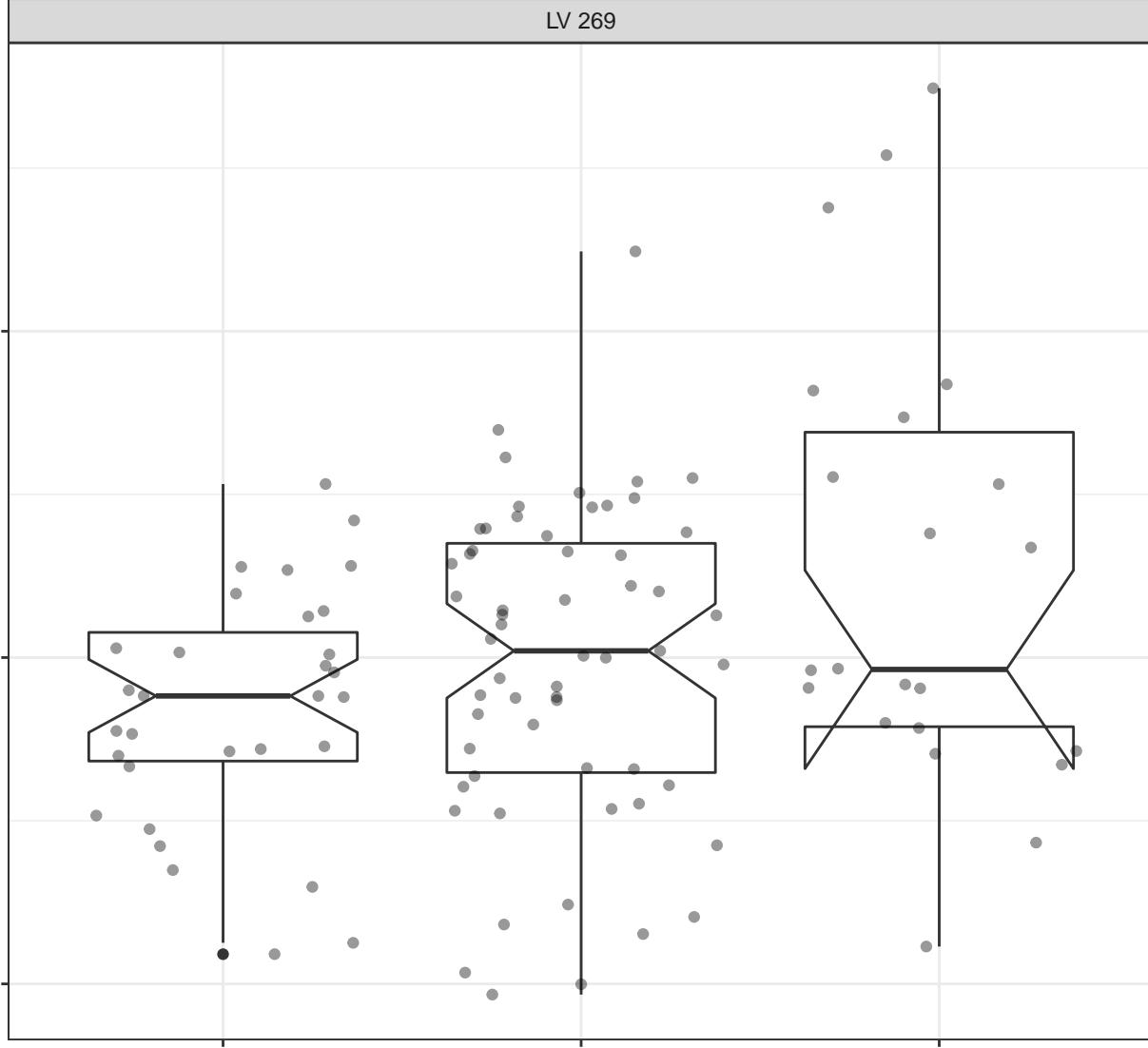
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 270

Value

0.10

0.05

0.00

-0.05

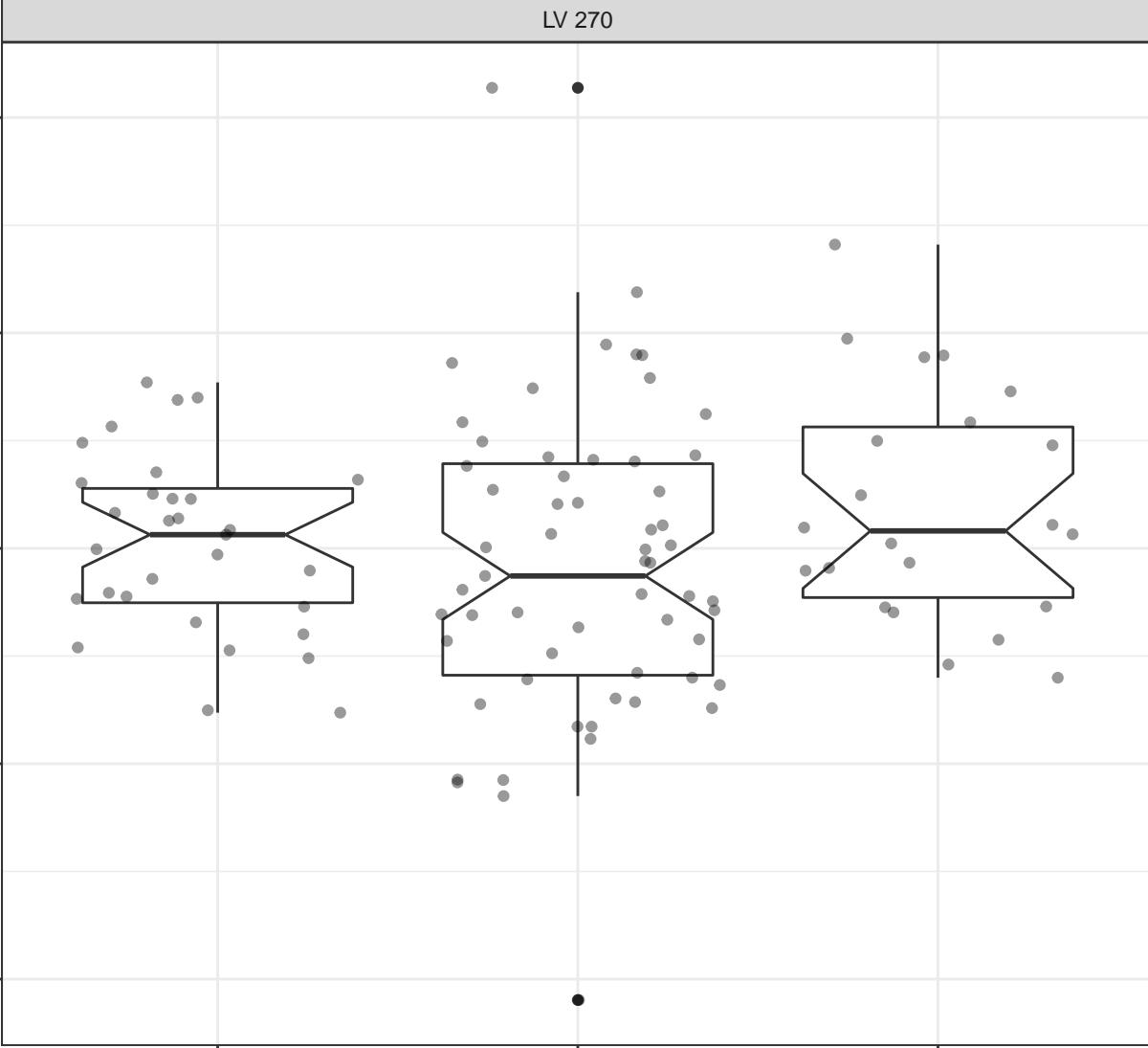
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.01

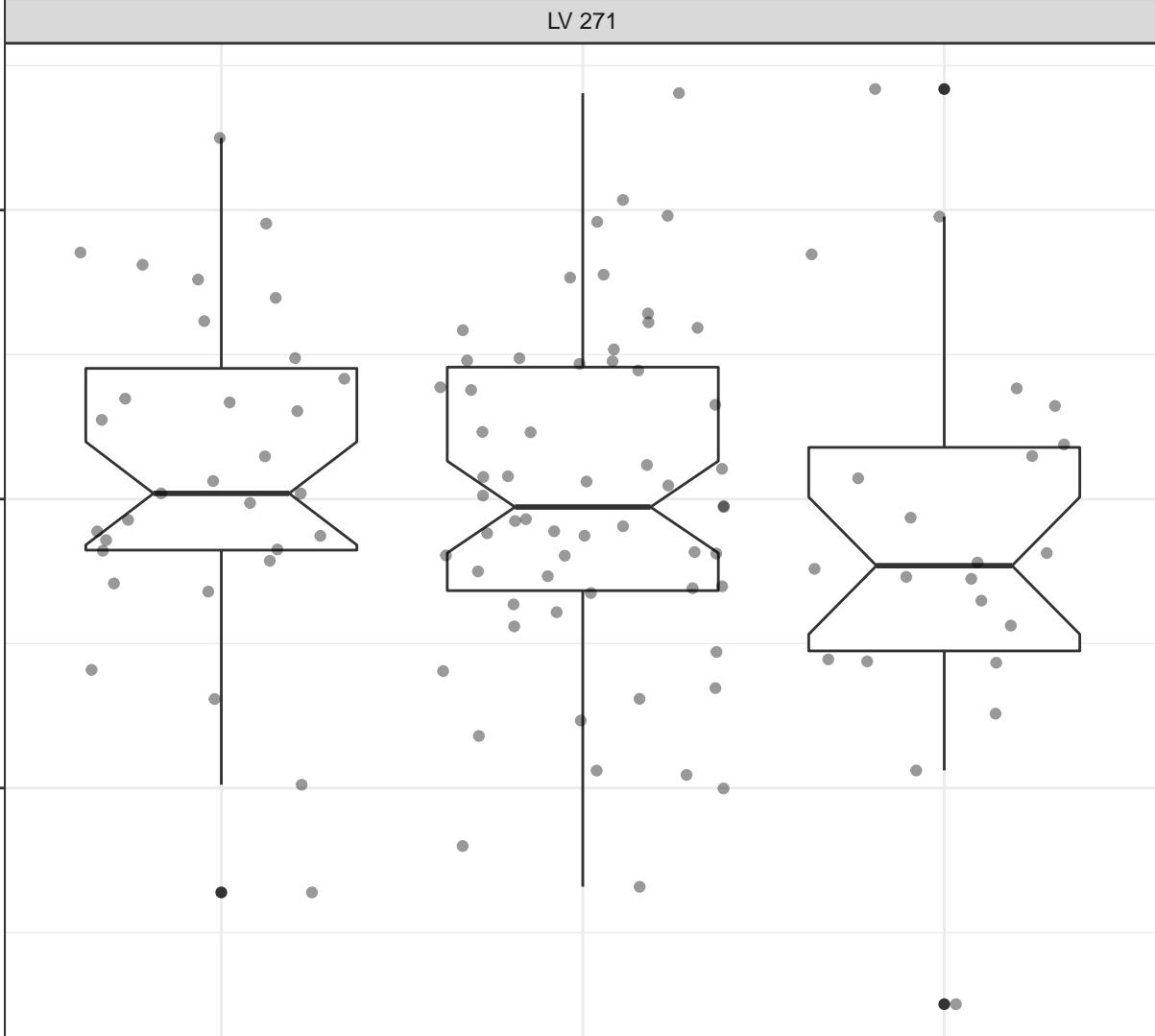
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.01

-0.04

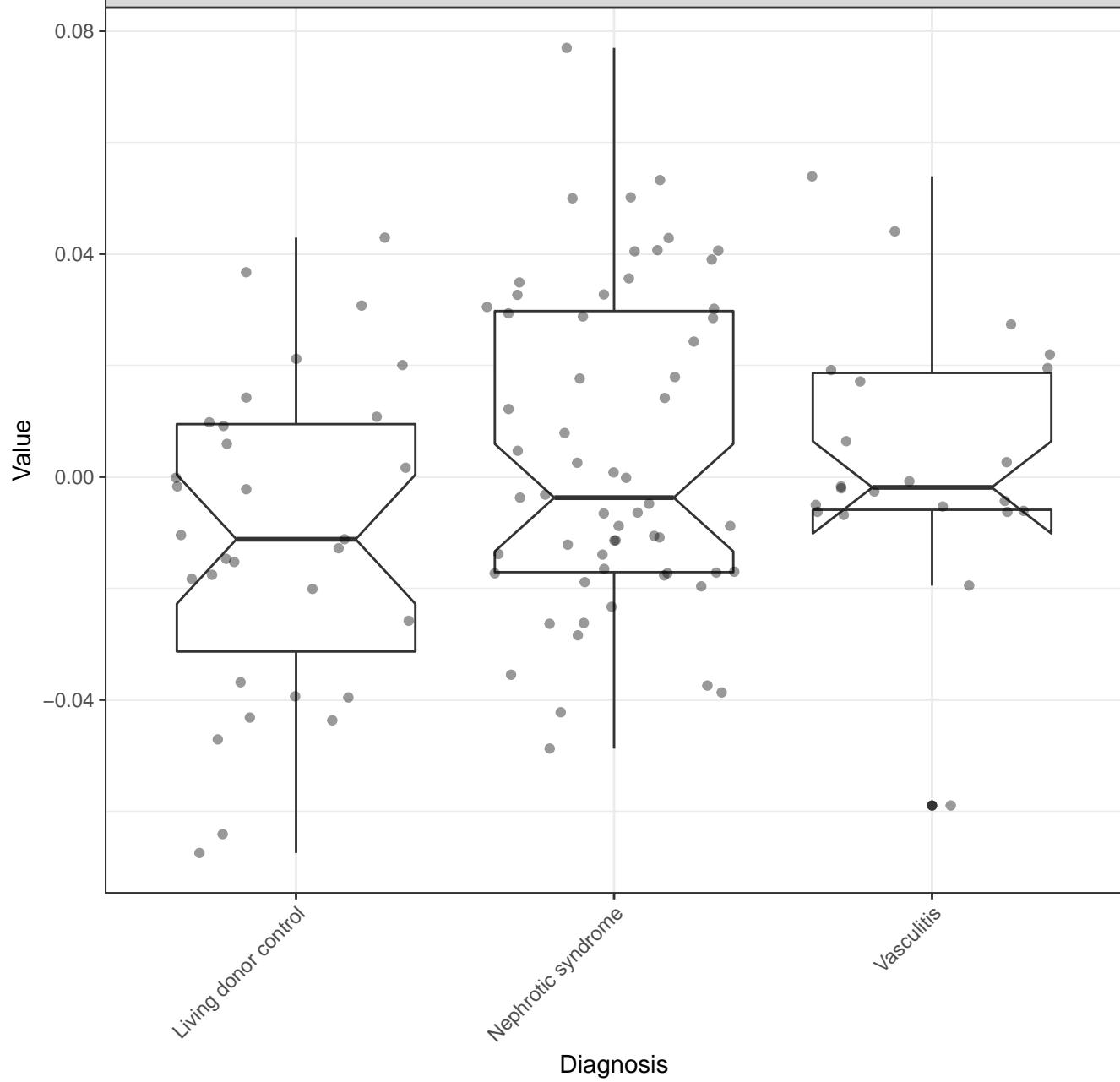
Living donor control

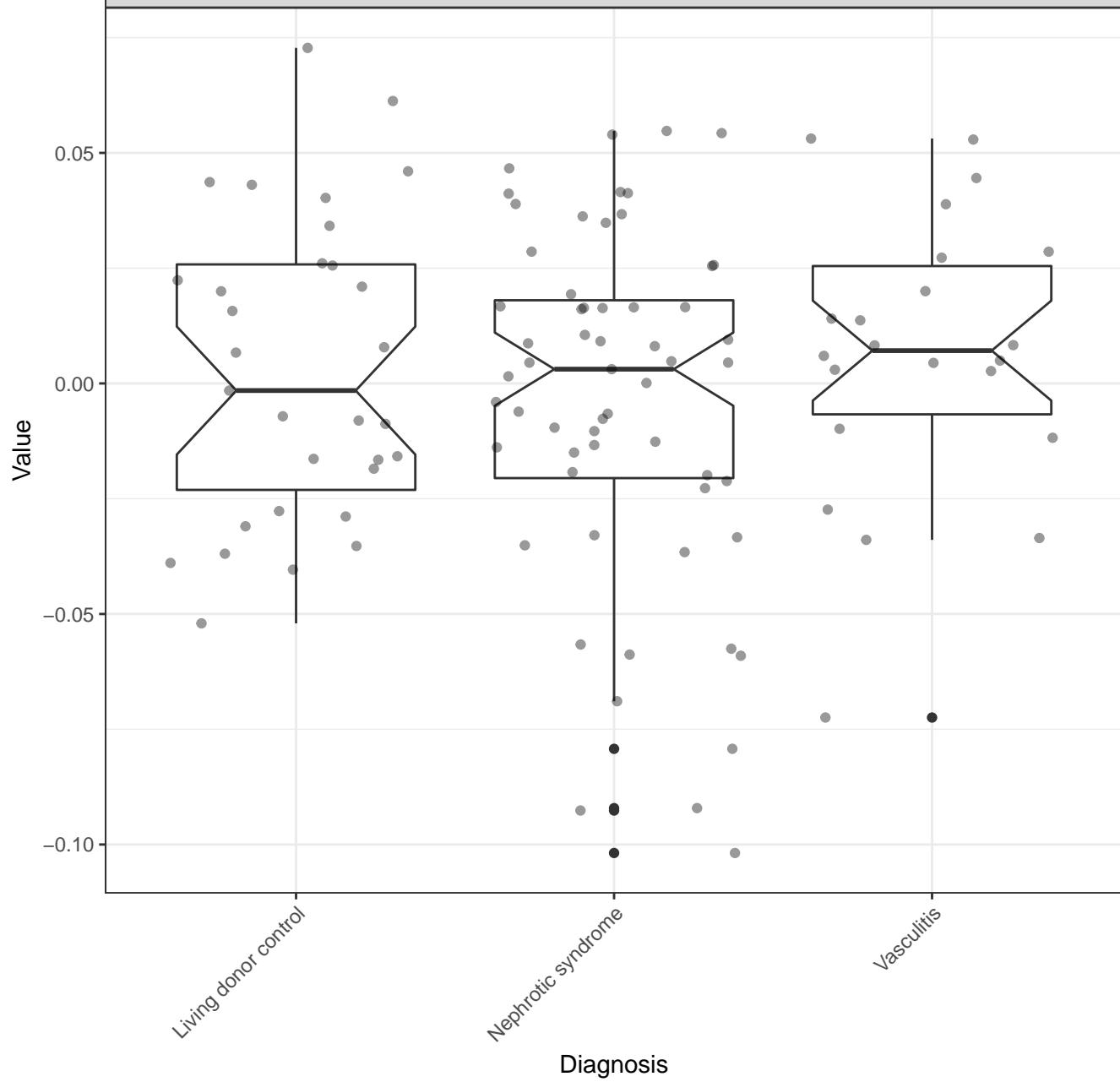
Nephrotic syndrome

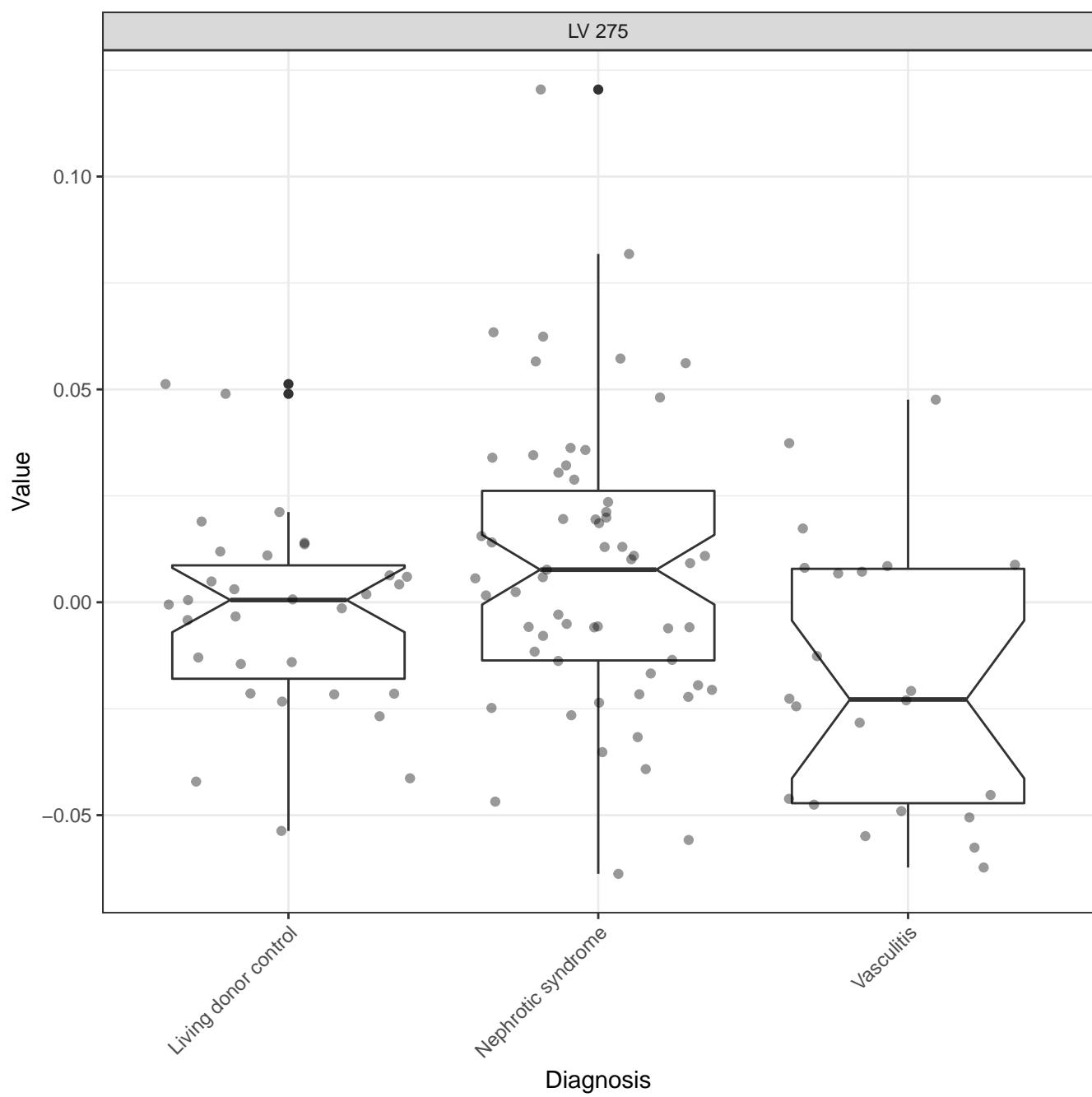
Vasculitis

Diagnosis

LV 273







Value

0.05

0.00

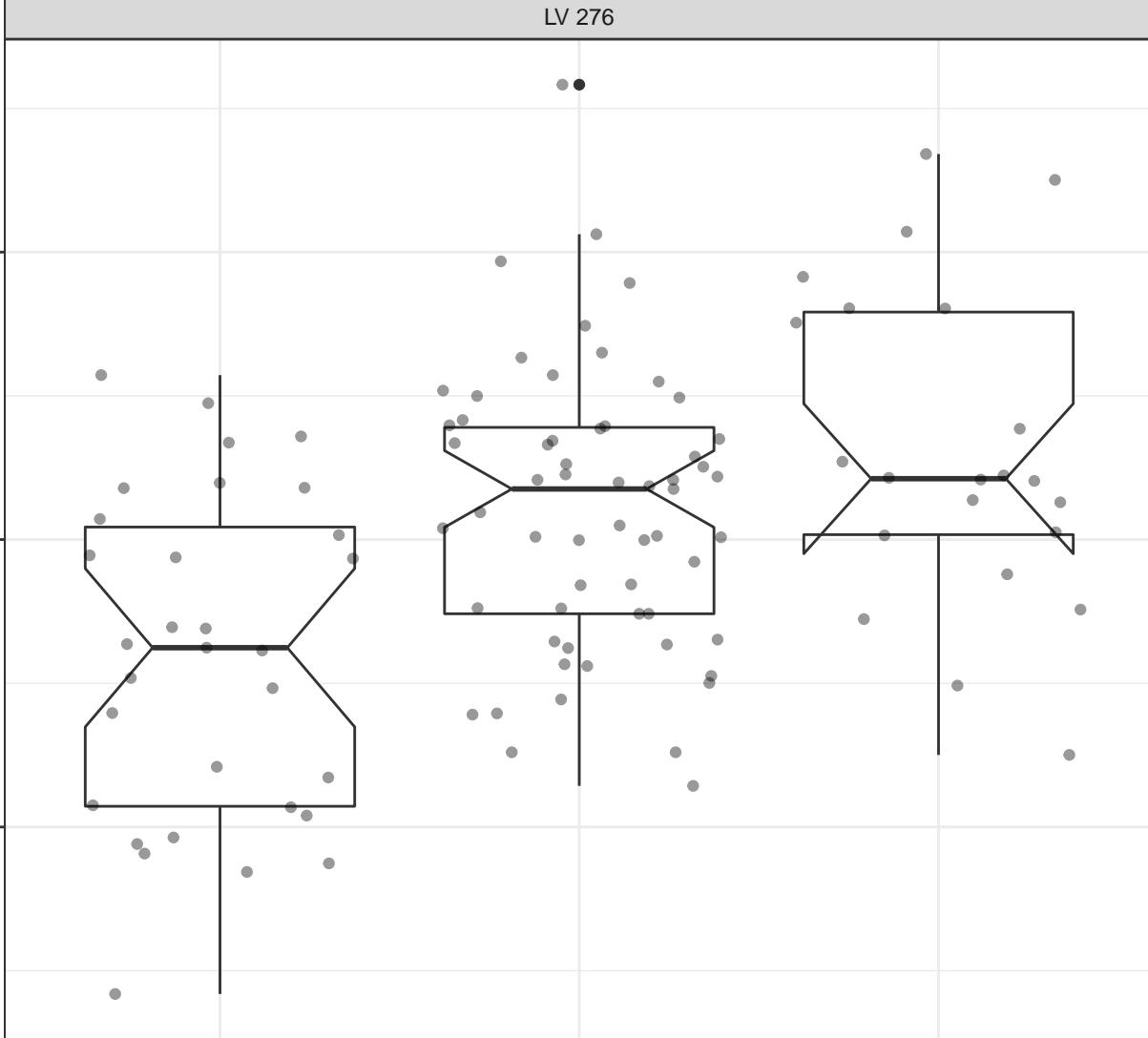
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.08

0.04

0.00

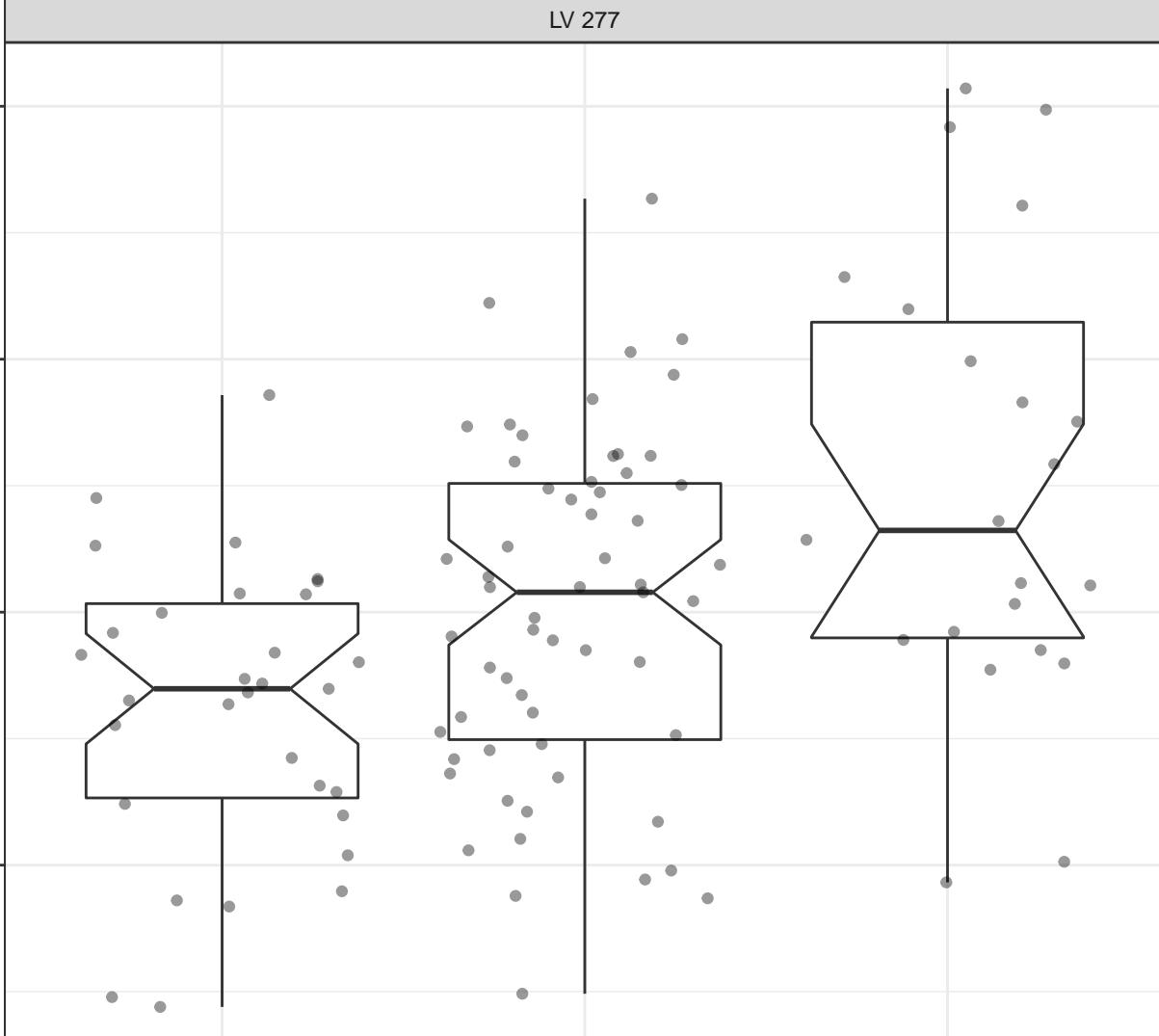
-0.04

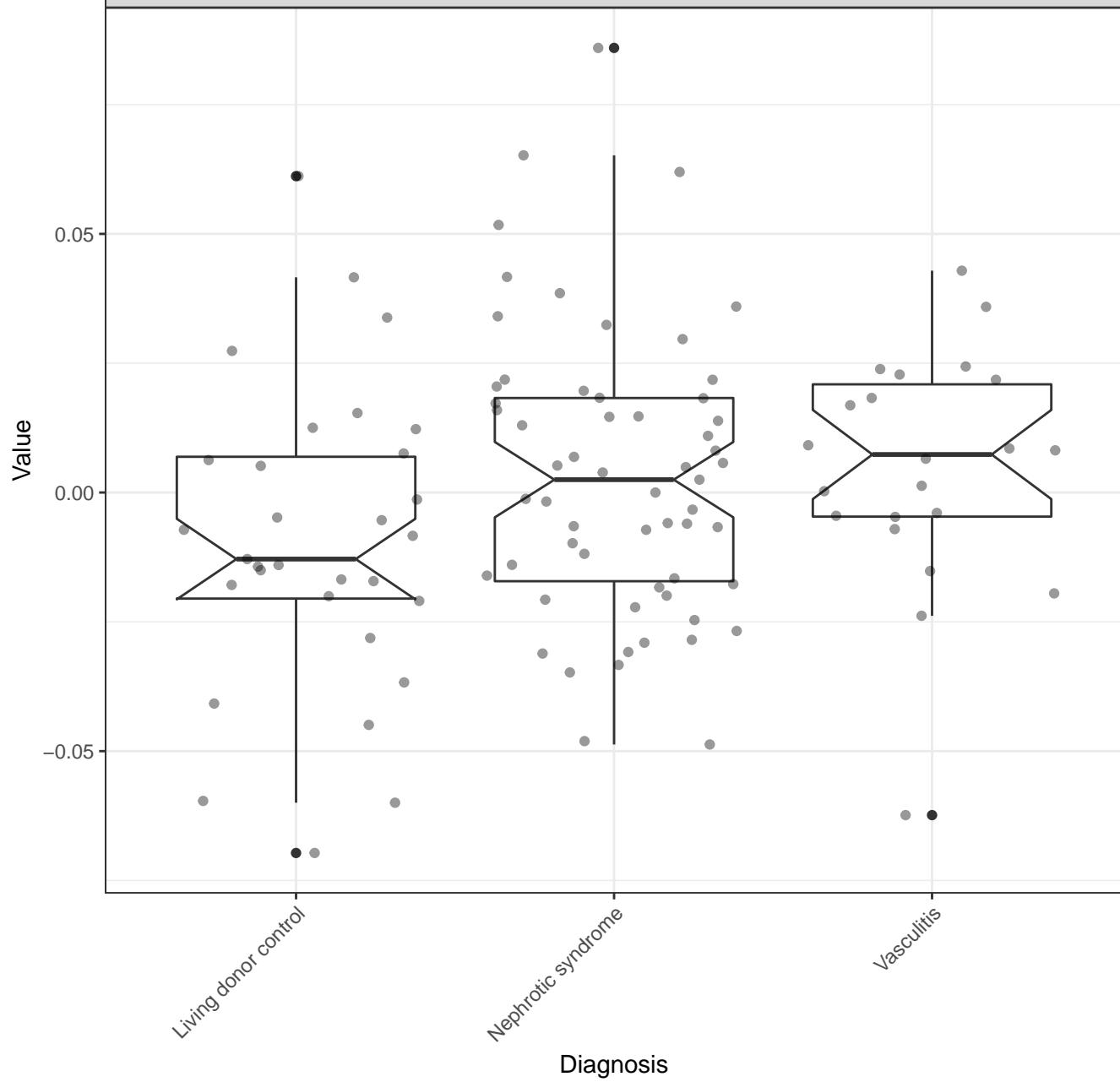
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 279

Value

0.05

0.00

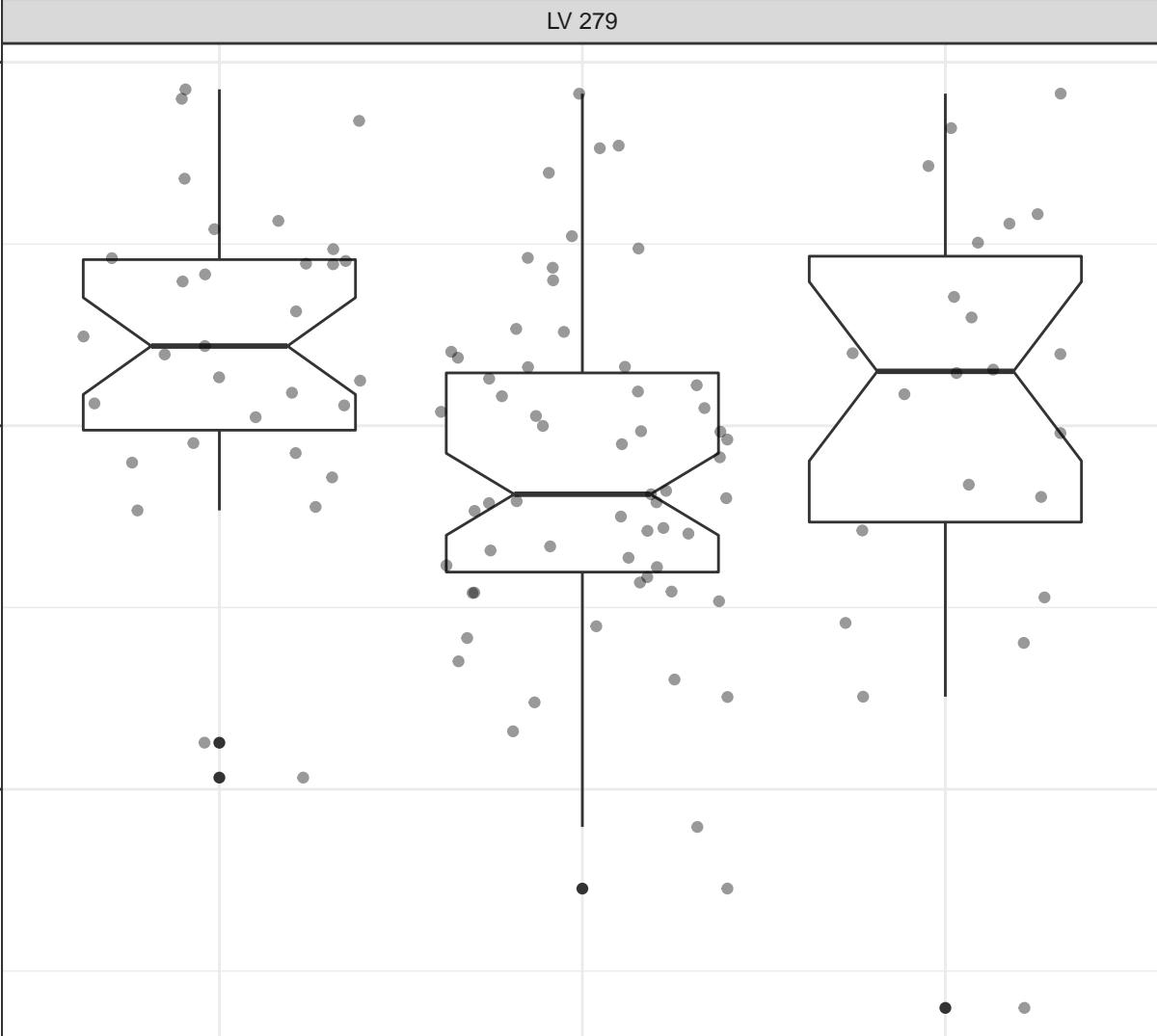
-0.05

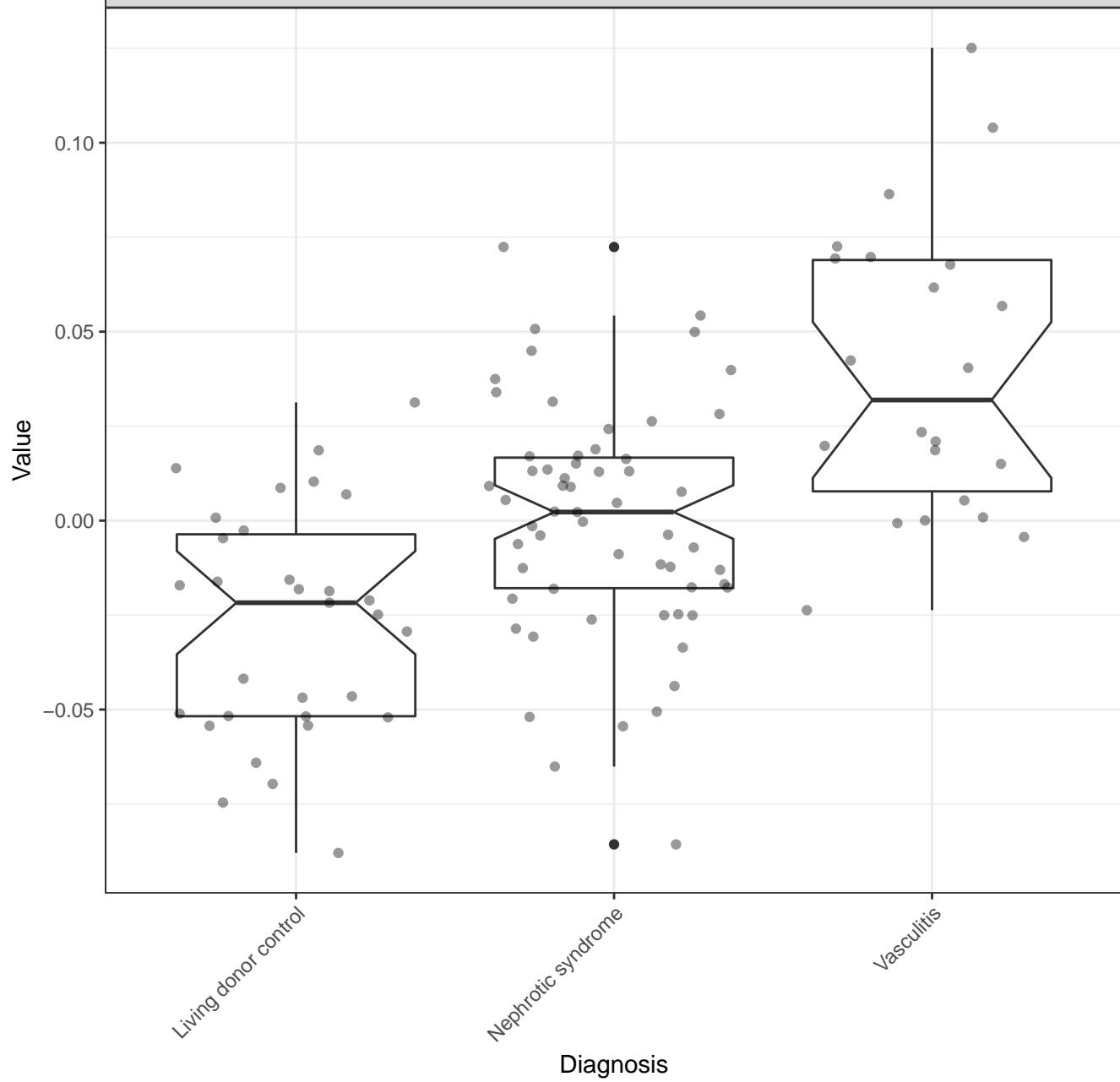
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.04

0.00

-0.04

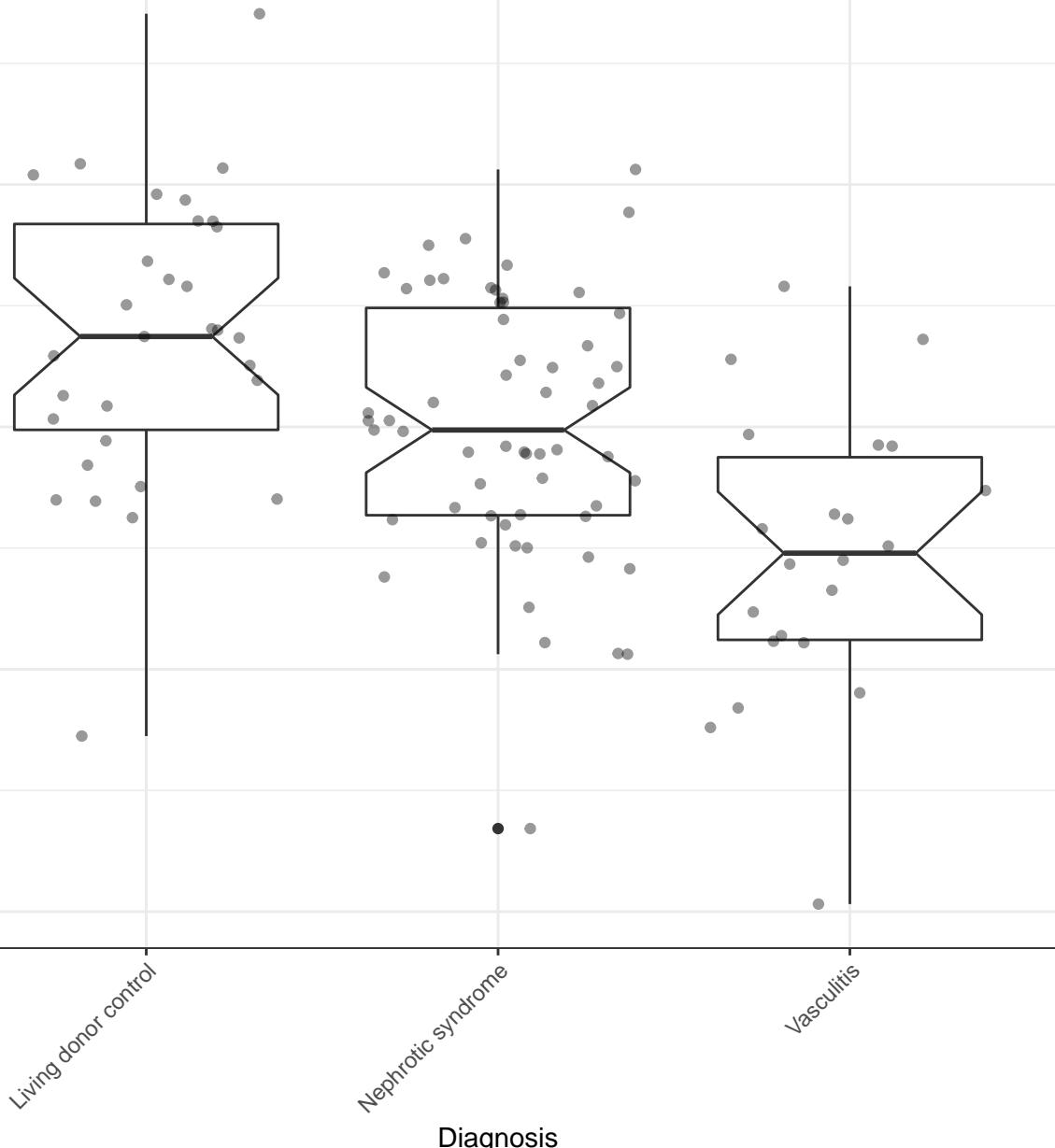
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 282

Value

0.05

0.00

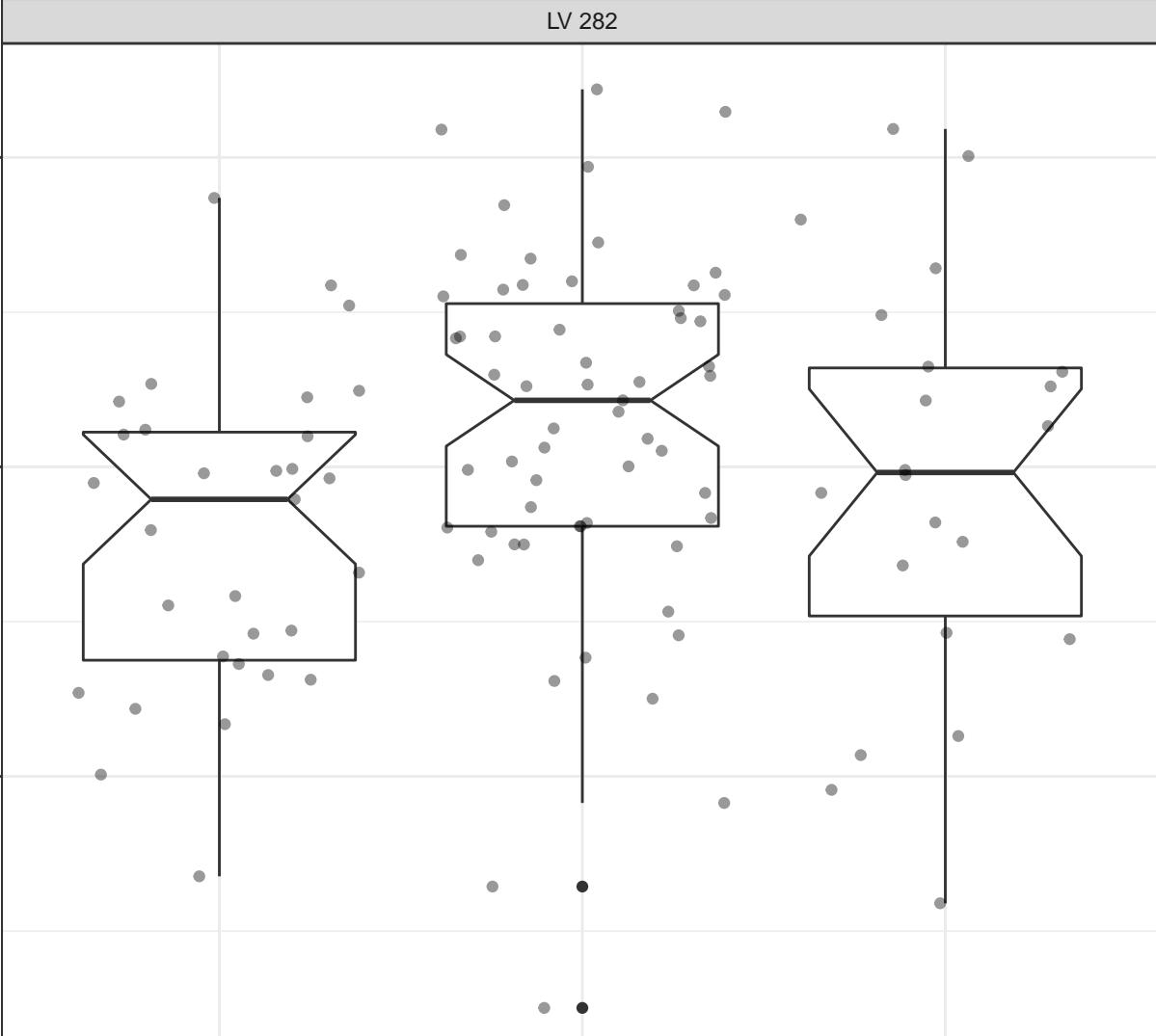
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

-0.05

-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 284

Value

0.15

0.10

0.05

0.00

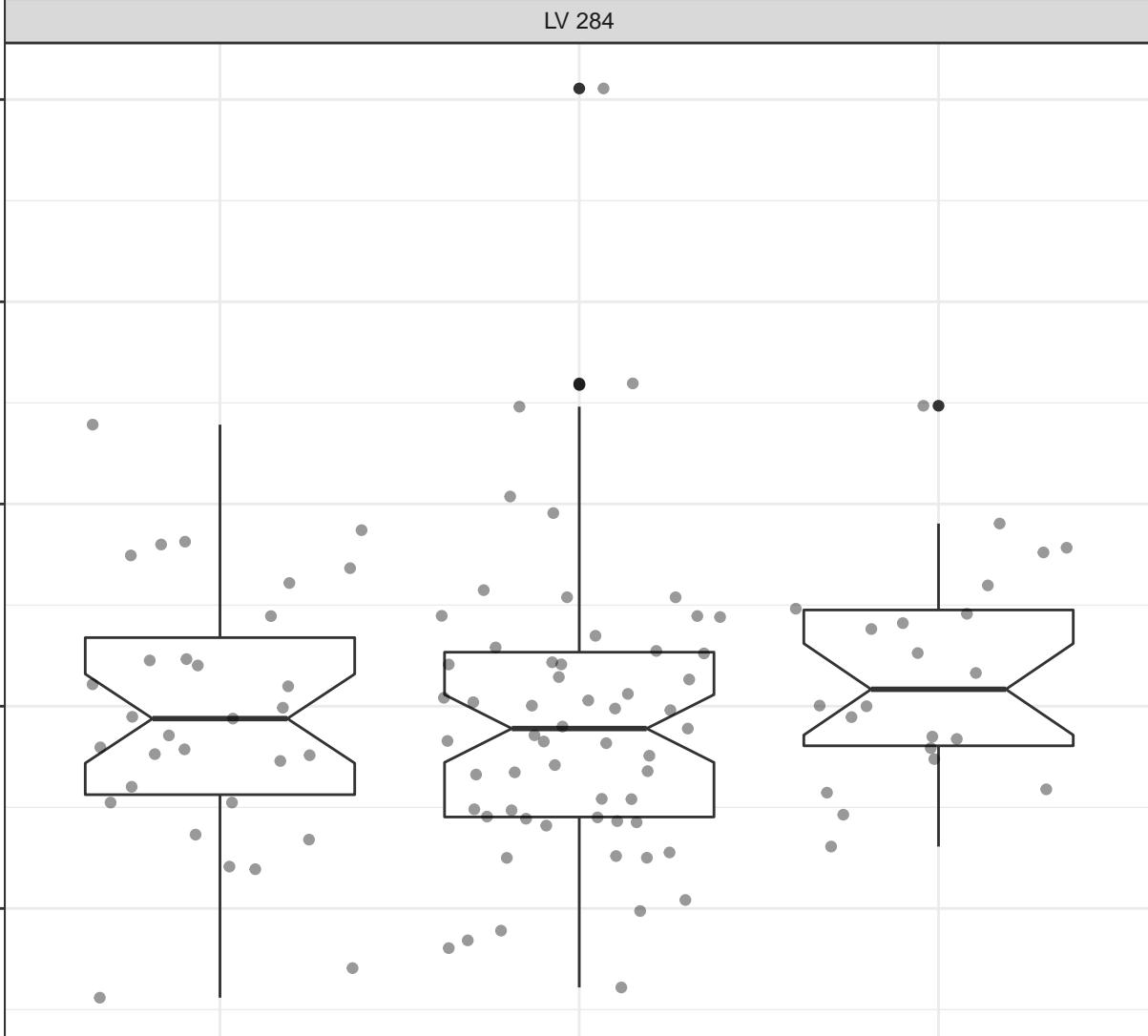
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 285,REACTOME\_E2F\_MEDIATED\_REGULATION\_OF\_DNA\_REPLICATION

Value

0.05

0.00

-0.05

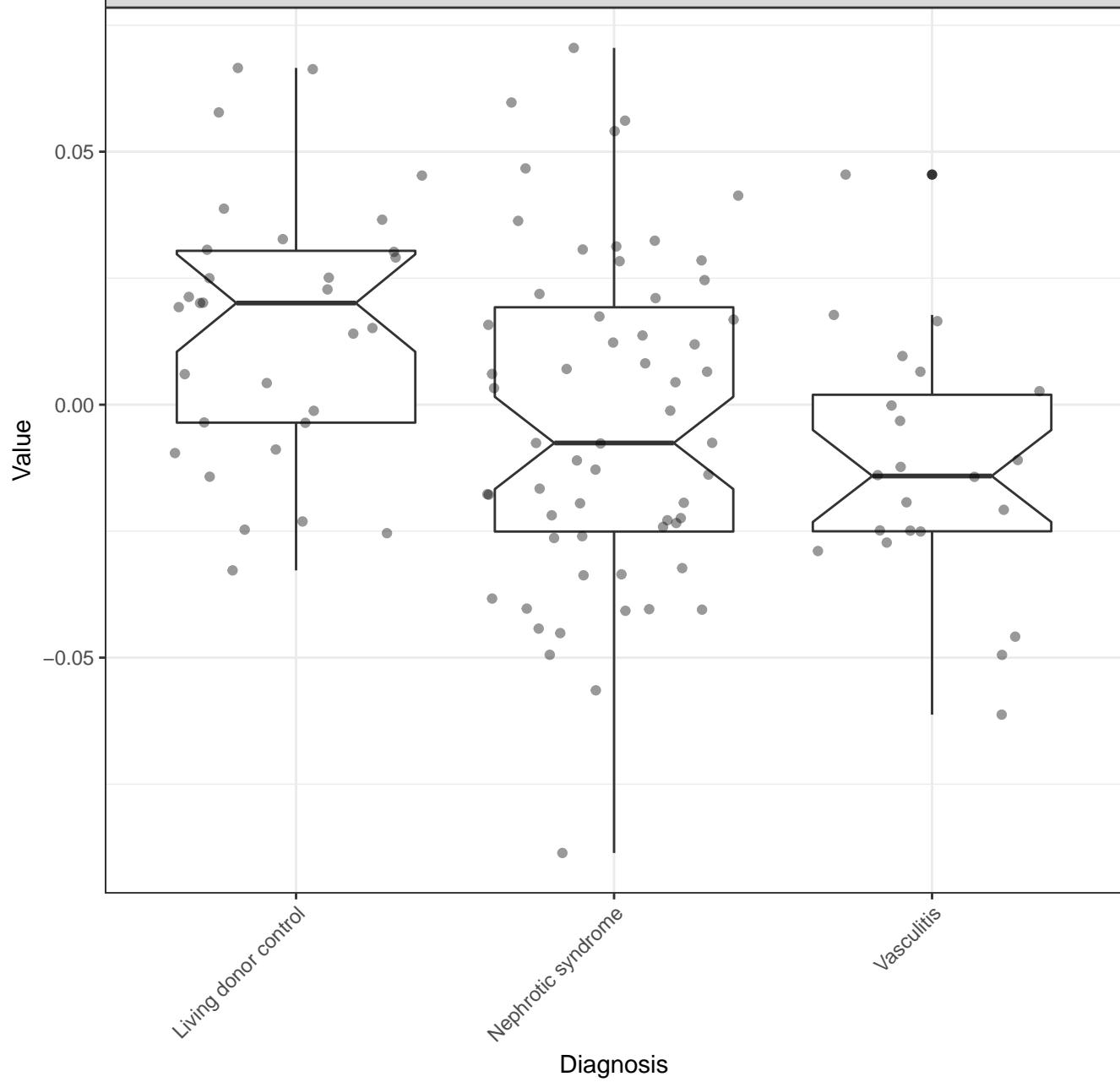
-0.10

Living donor control

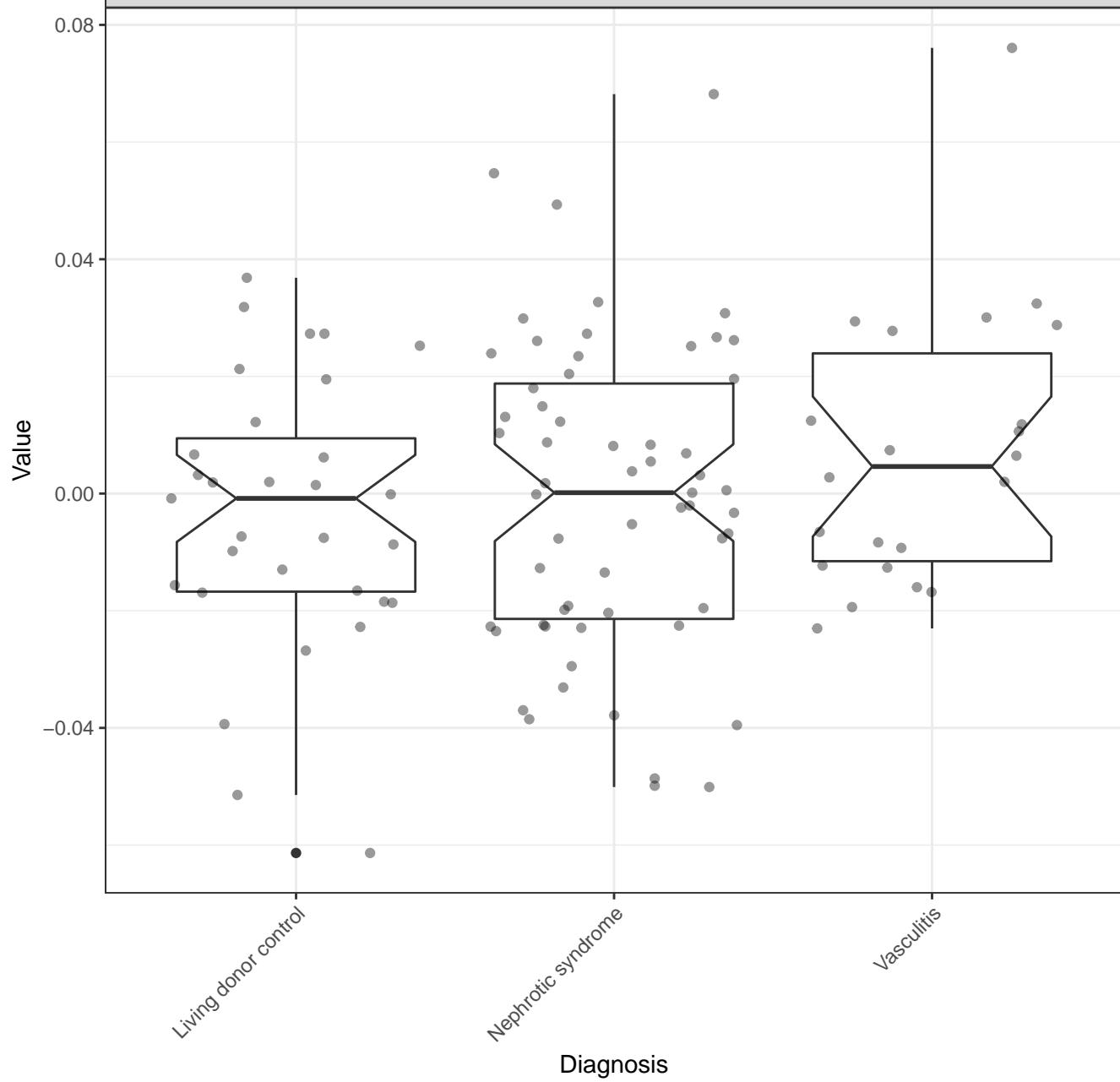
Nephrotic syndrome

Vasculitis

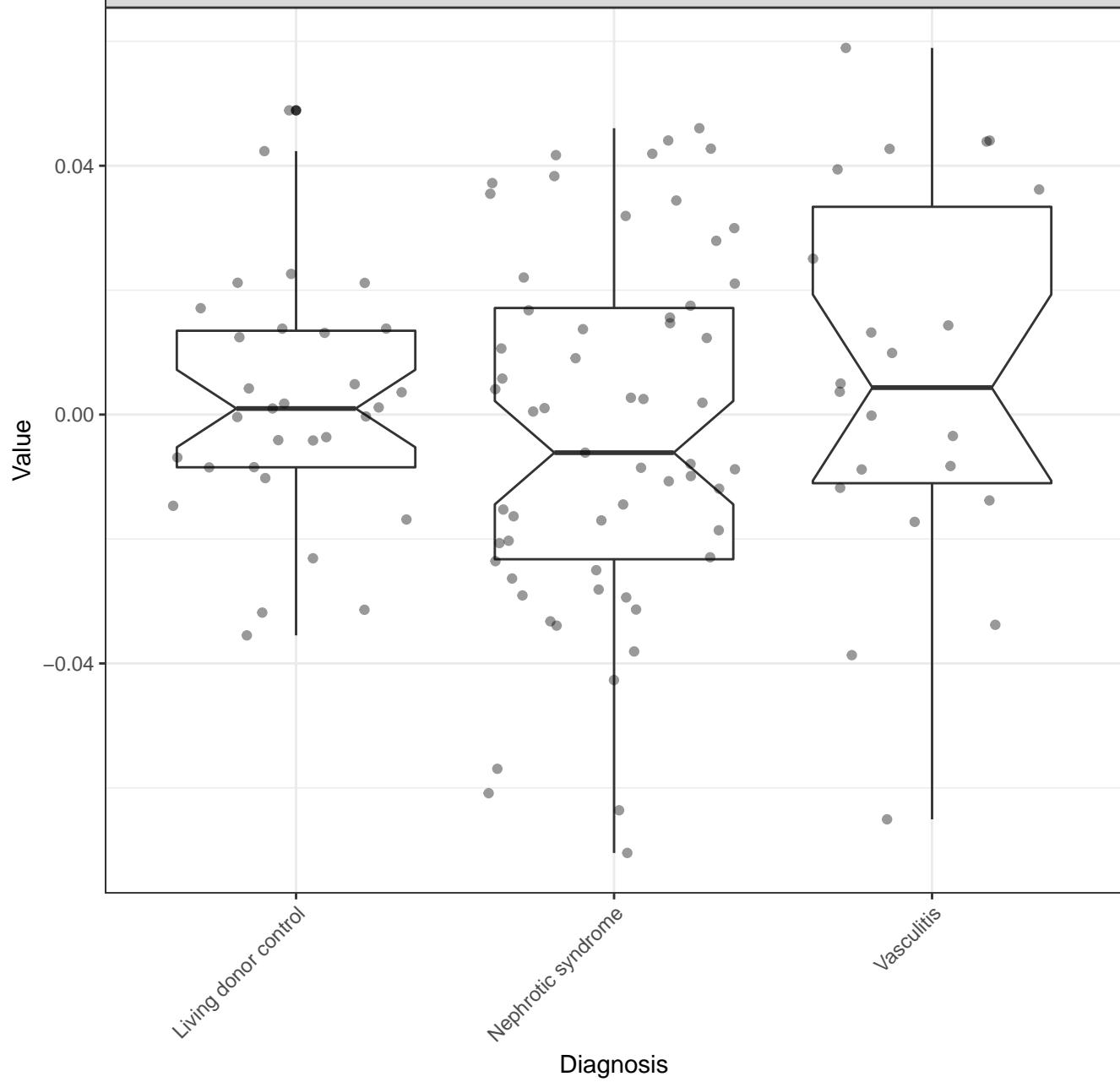
Diagnosis

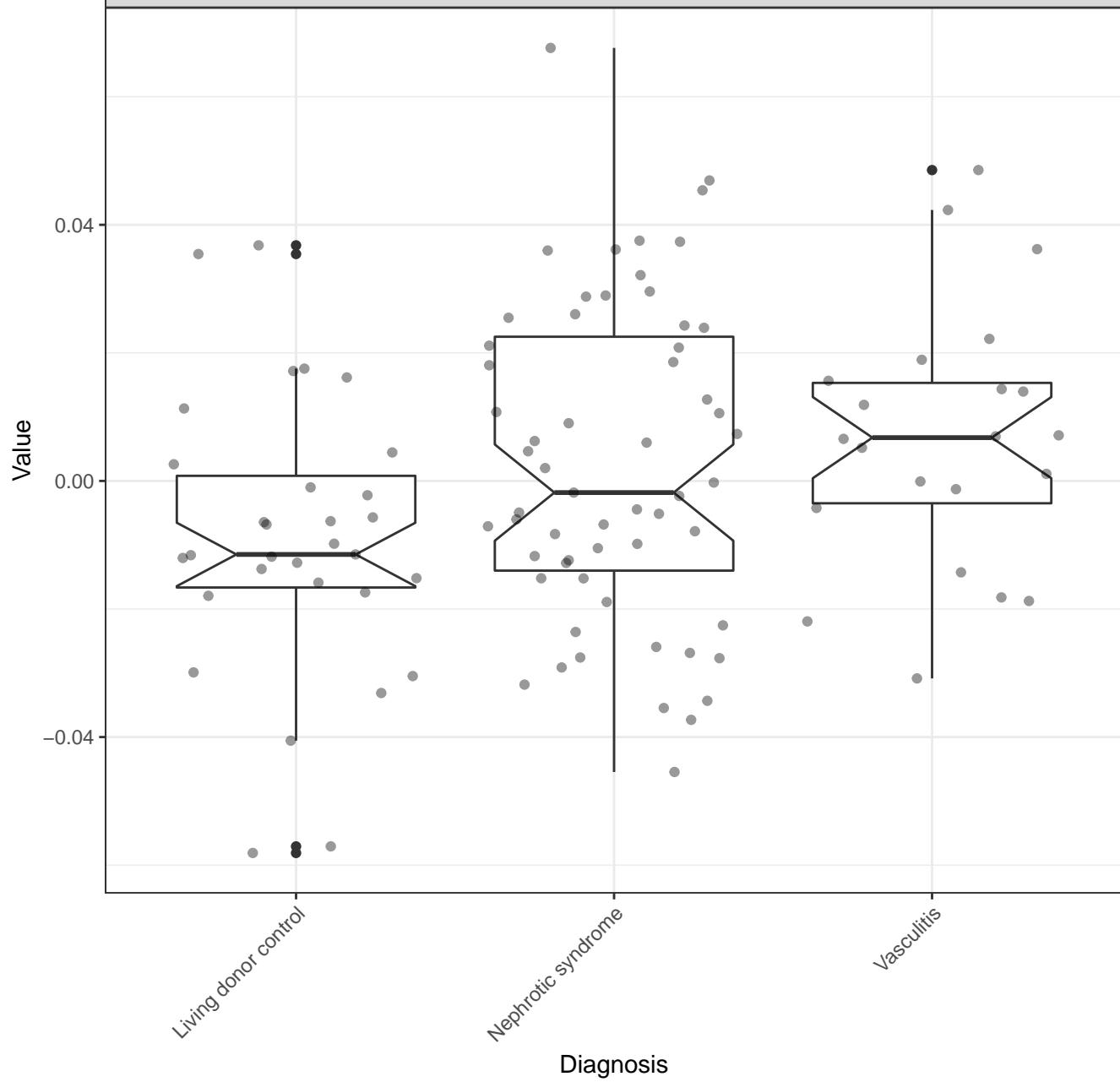


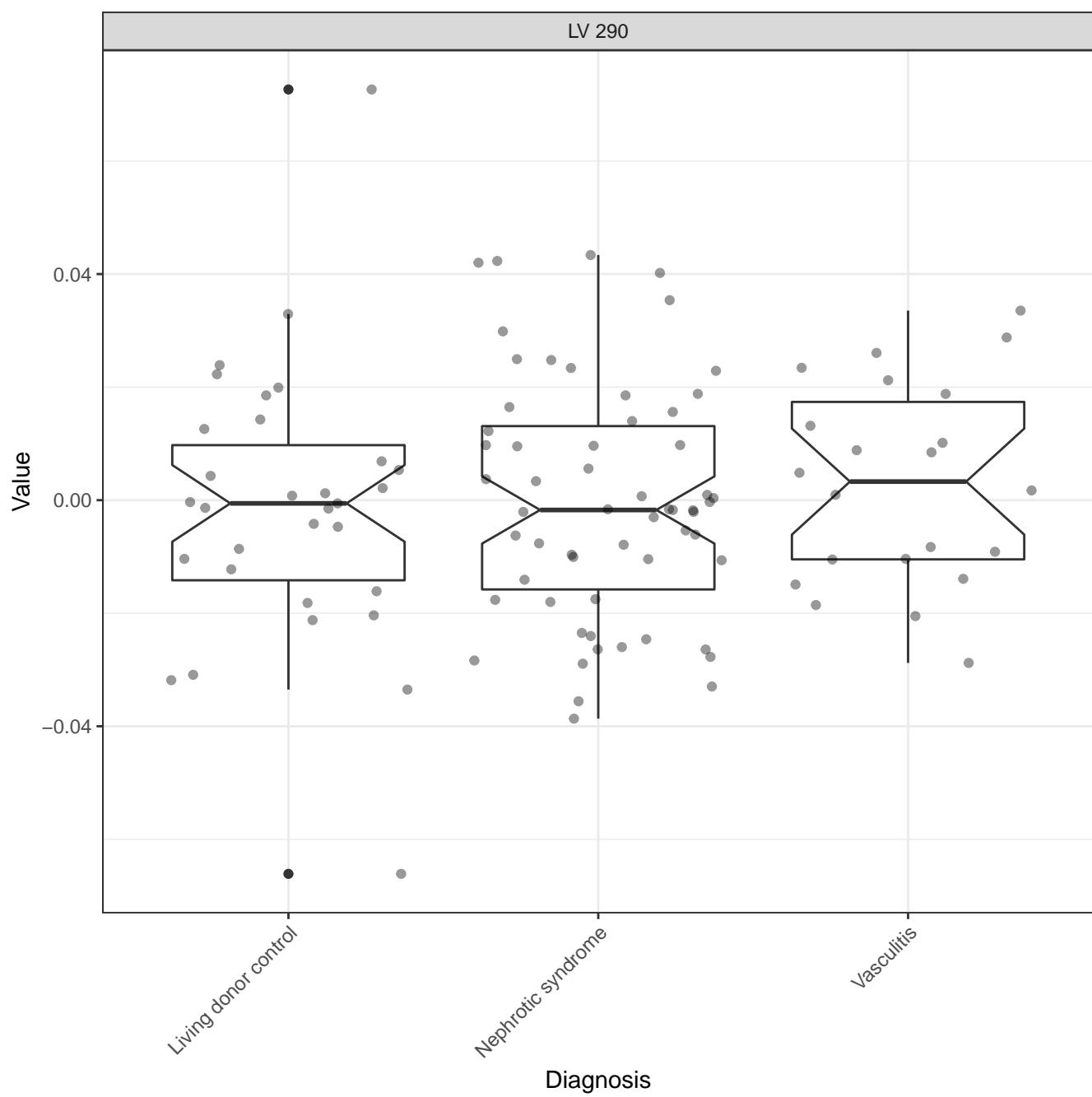
LV 287



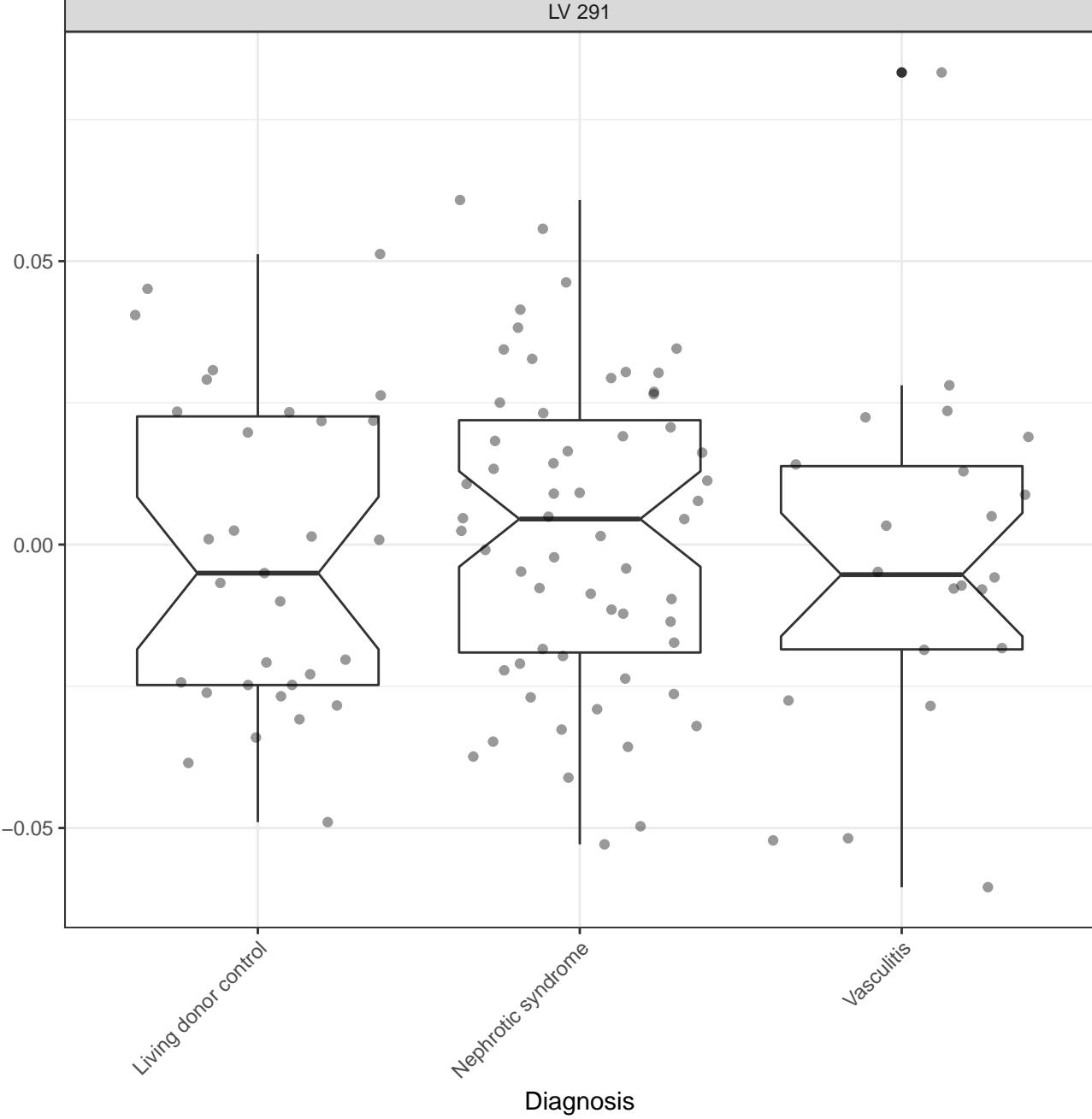
288,REACTOME\_PEPTIDE\_LIGAND\_BINDING\_RECEPTEORS







Value



Value

0.10

0.05

0.00

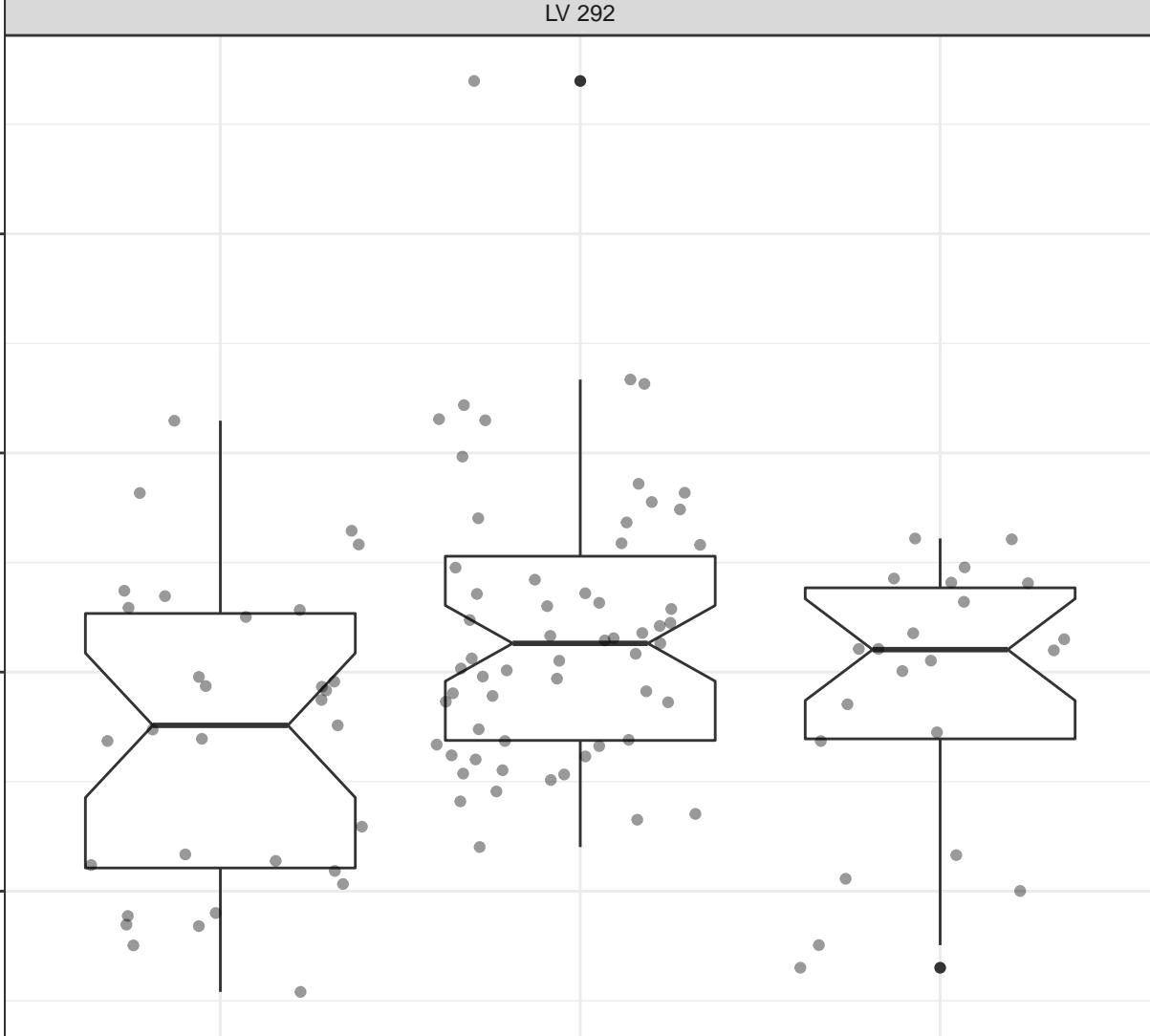
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

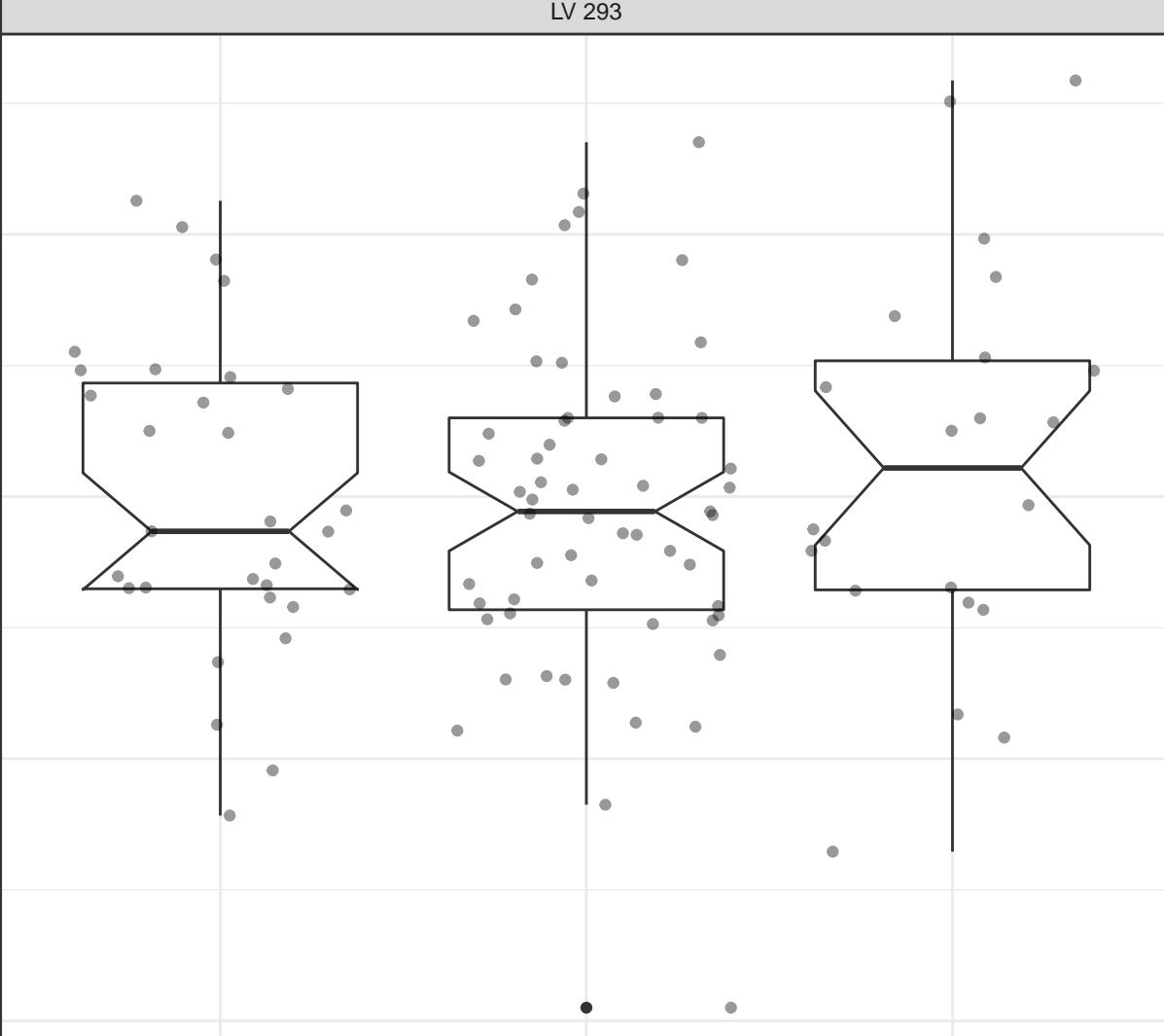
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 294

Value

0.06

0.03

0.00

-0.03

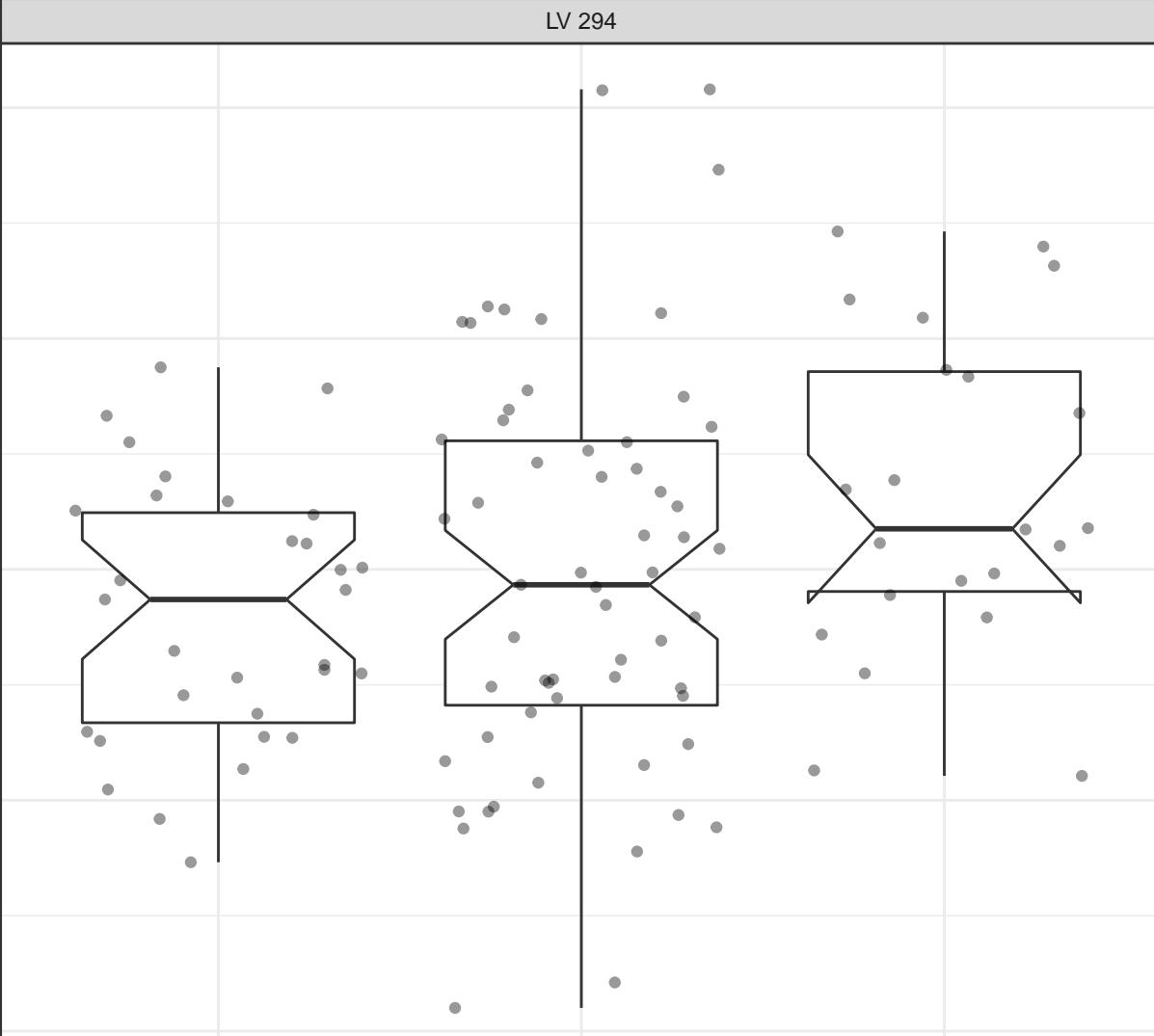
-0.06

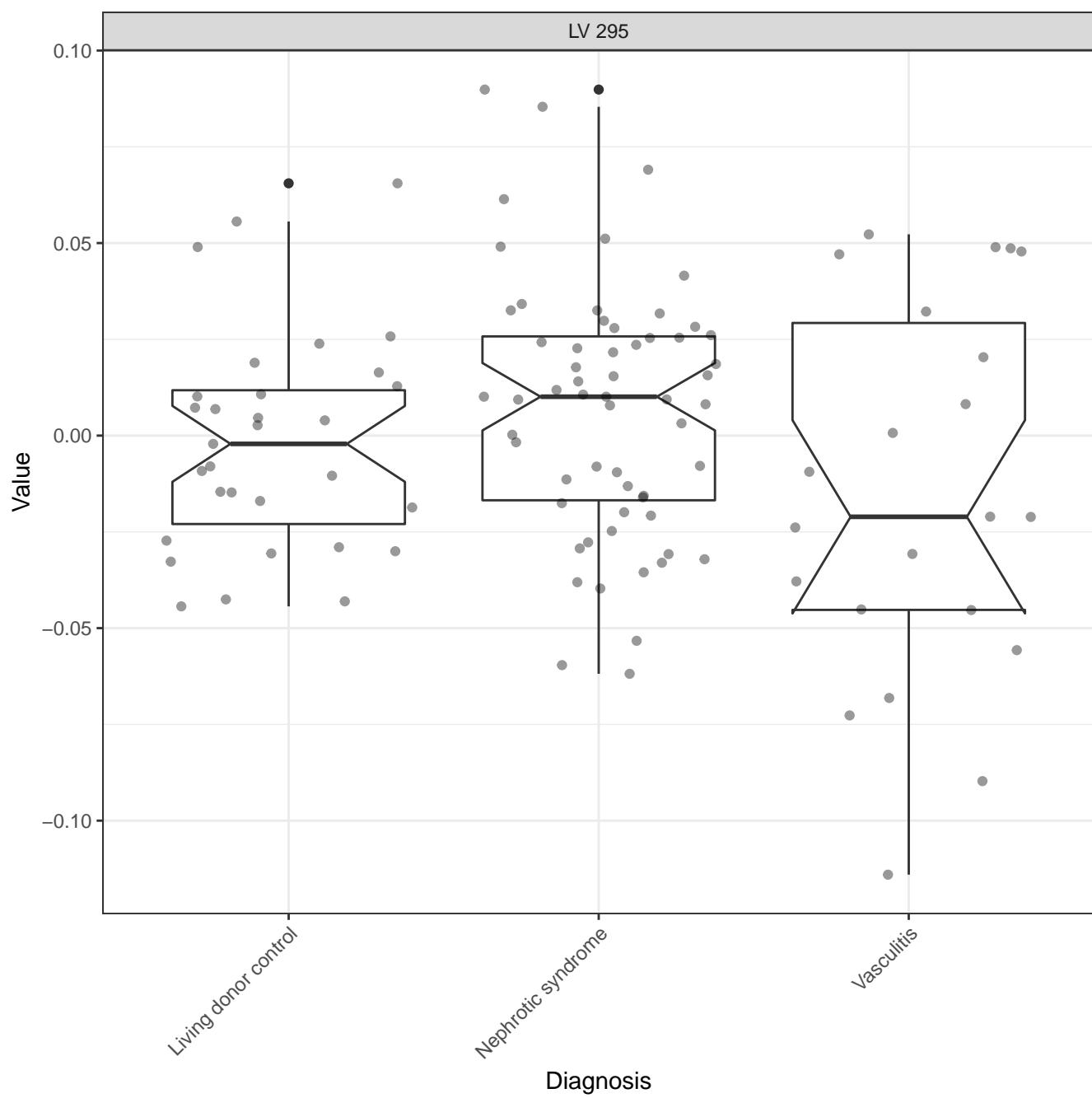
Living donor control

Nephrotic syndrome

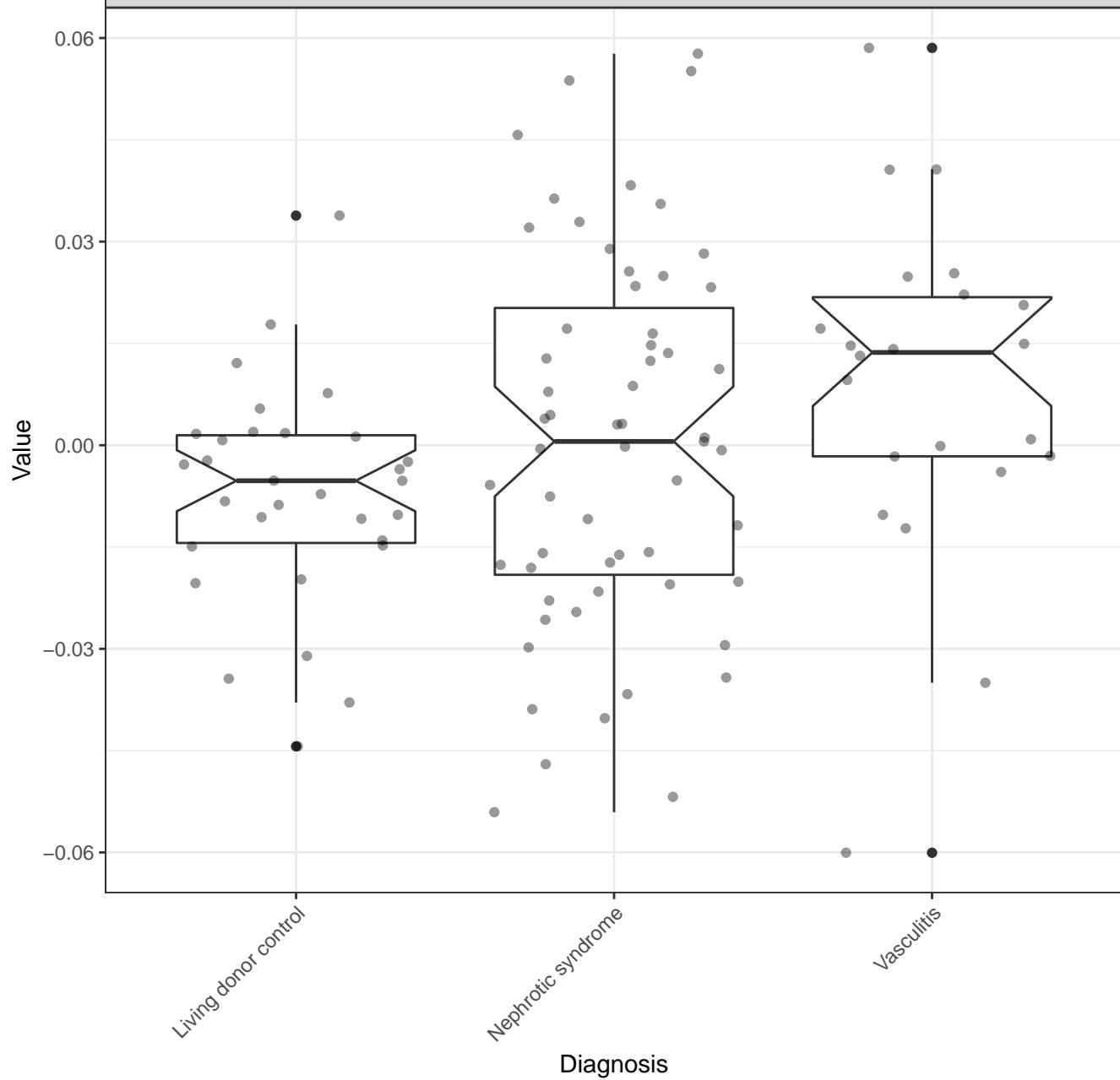
Vasculitis

Diagnosis

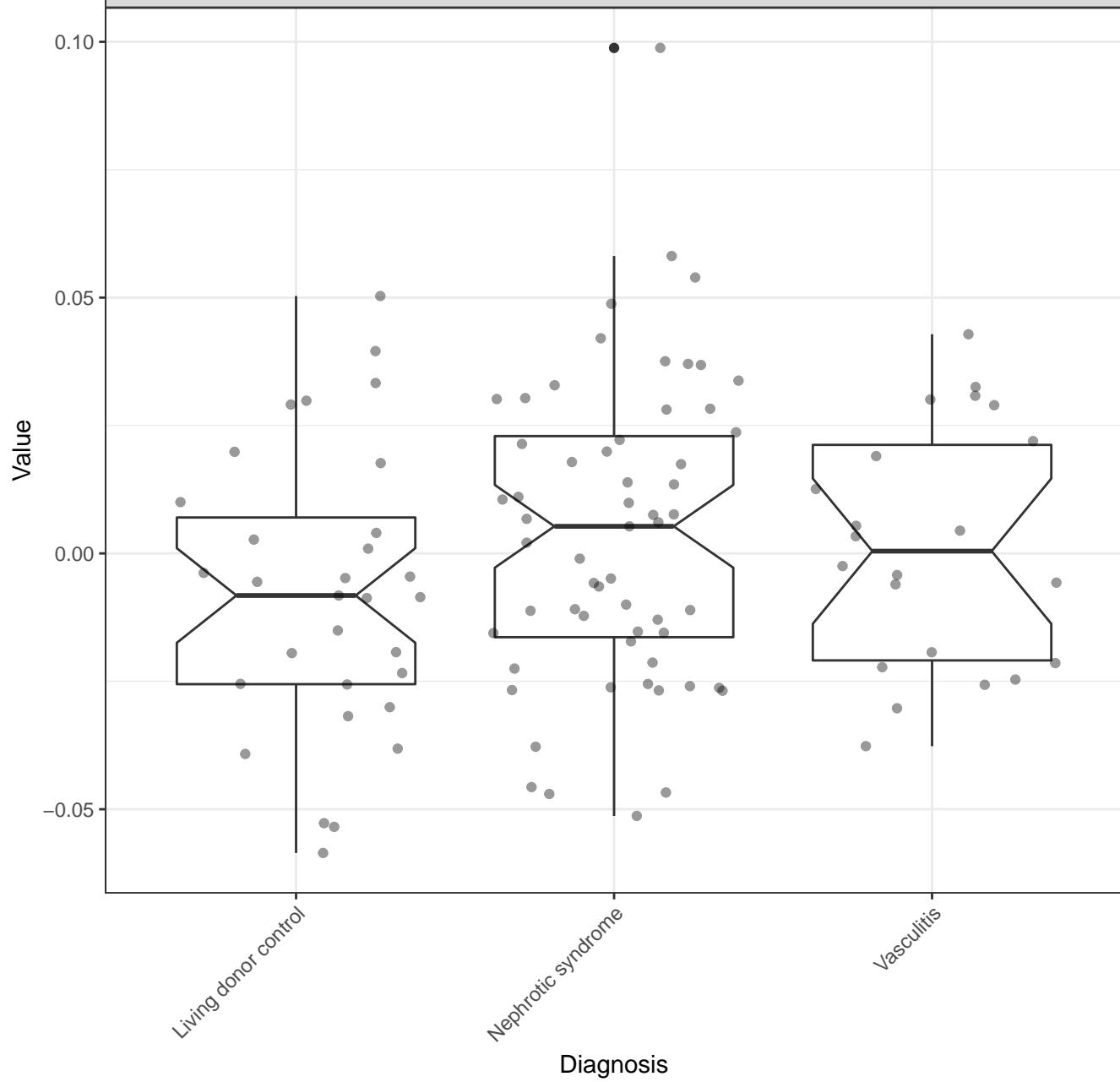




# 296,REACTOME\_TELOMERE\_MAINTENANCE



LV 297



Value

0.04

0.00

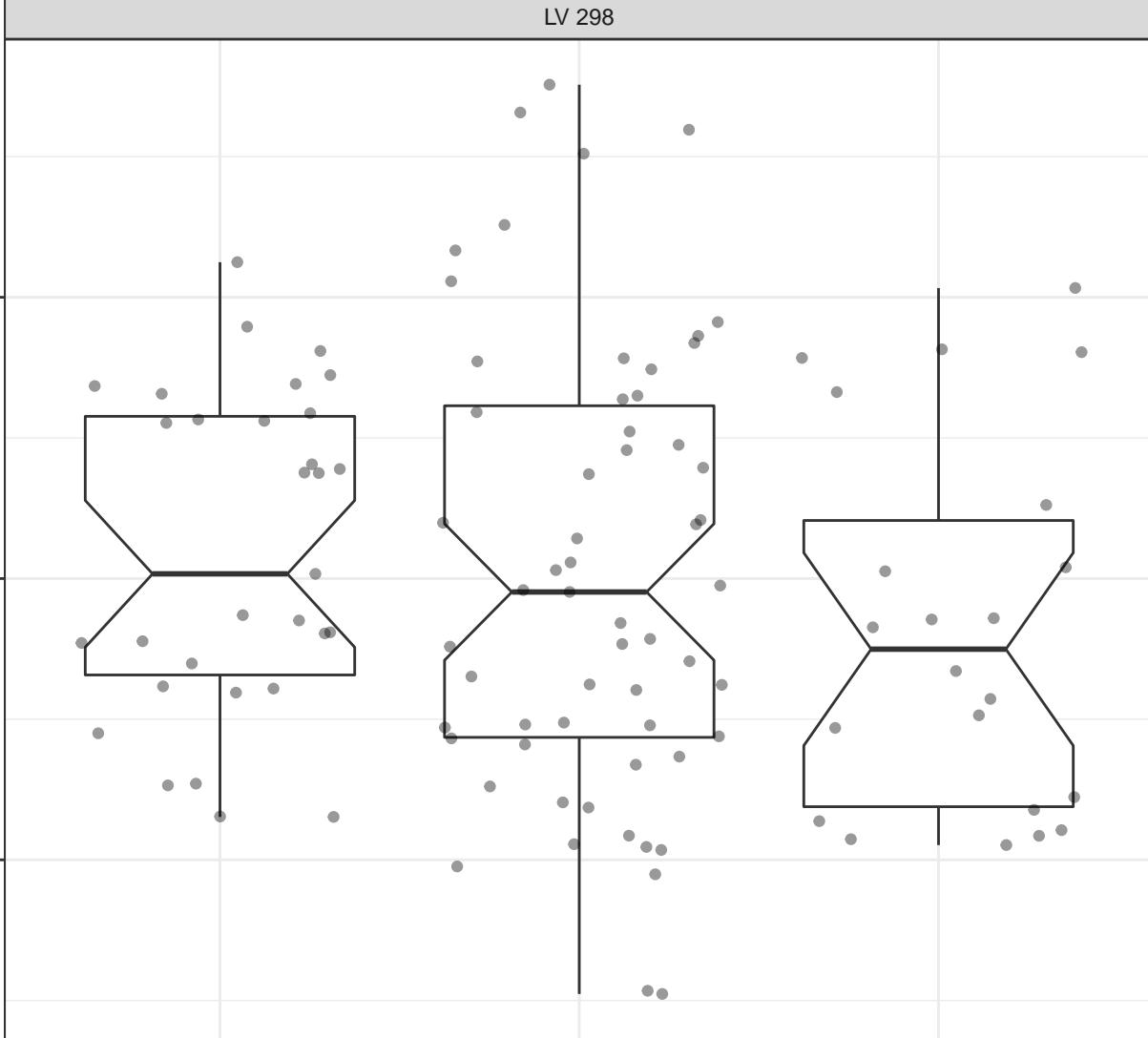
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 299

Value

0.08

0.04

0.00

-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

### 300,REACTOME\_REGULATION\_OF\_APOPTOSIS

Value

0.05

0.01

-0.05

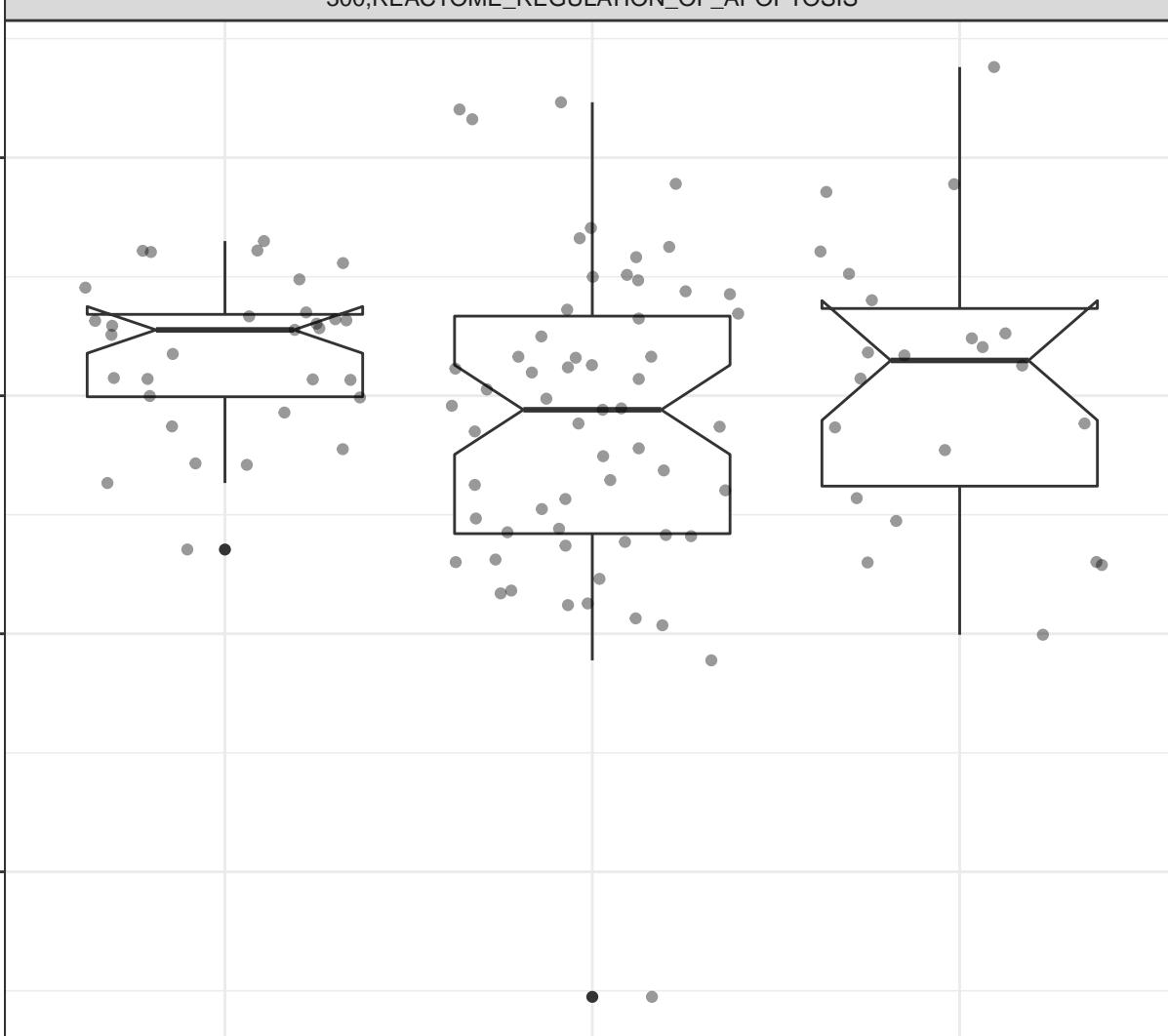
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.01

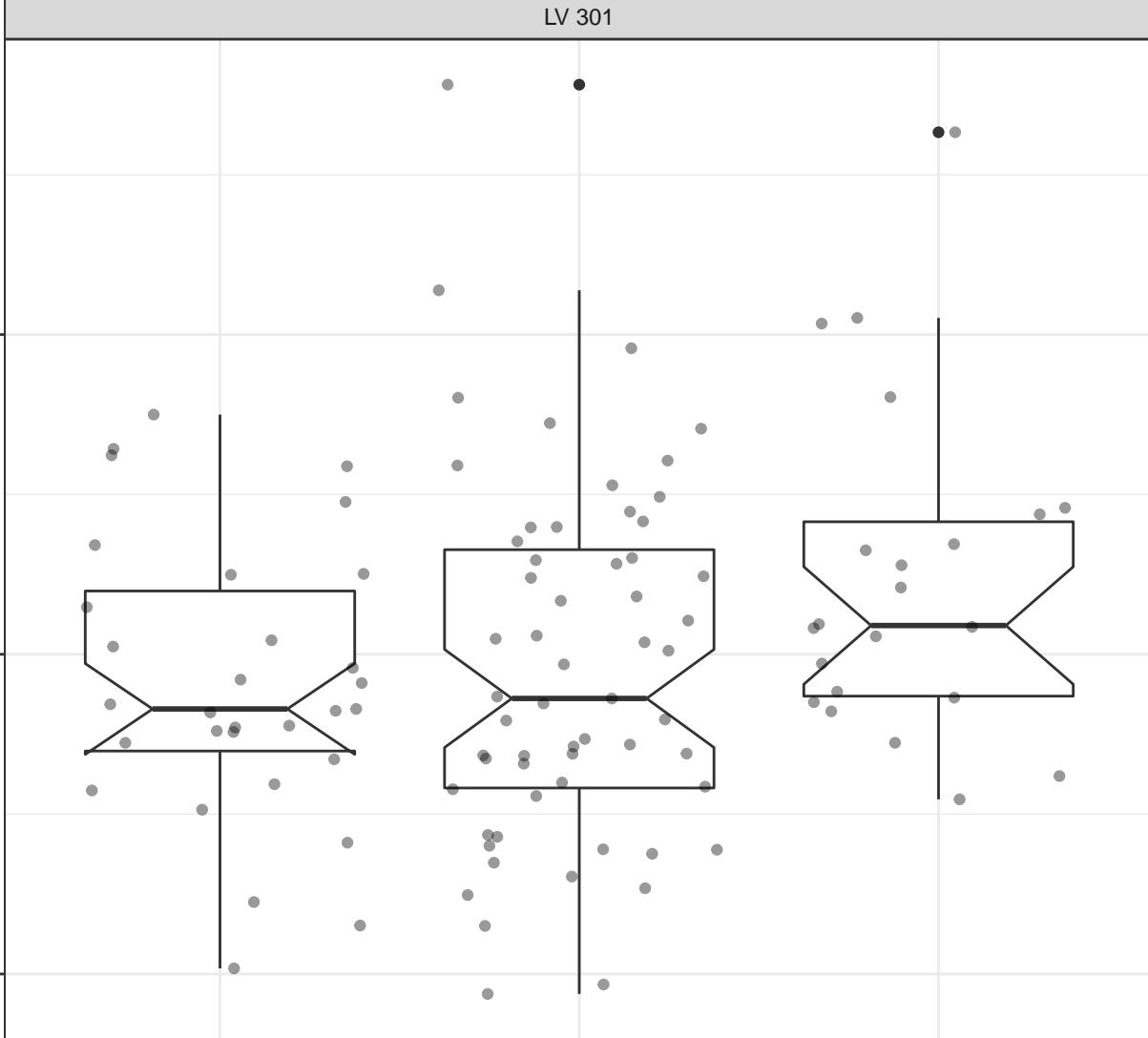
-0.05

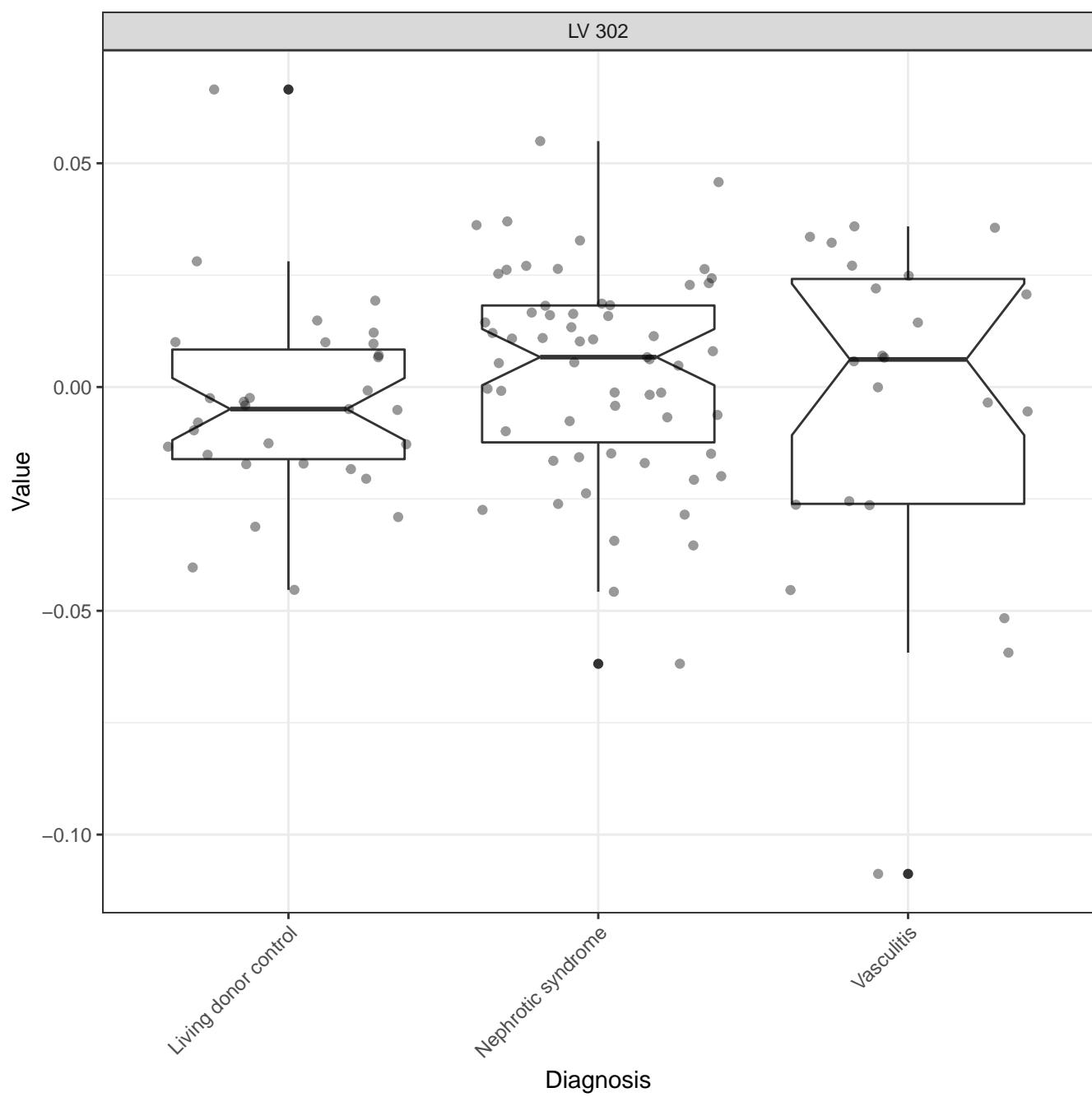
Living donor control

Nephrotic syndrome

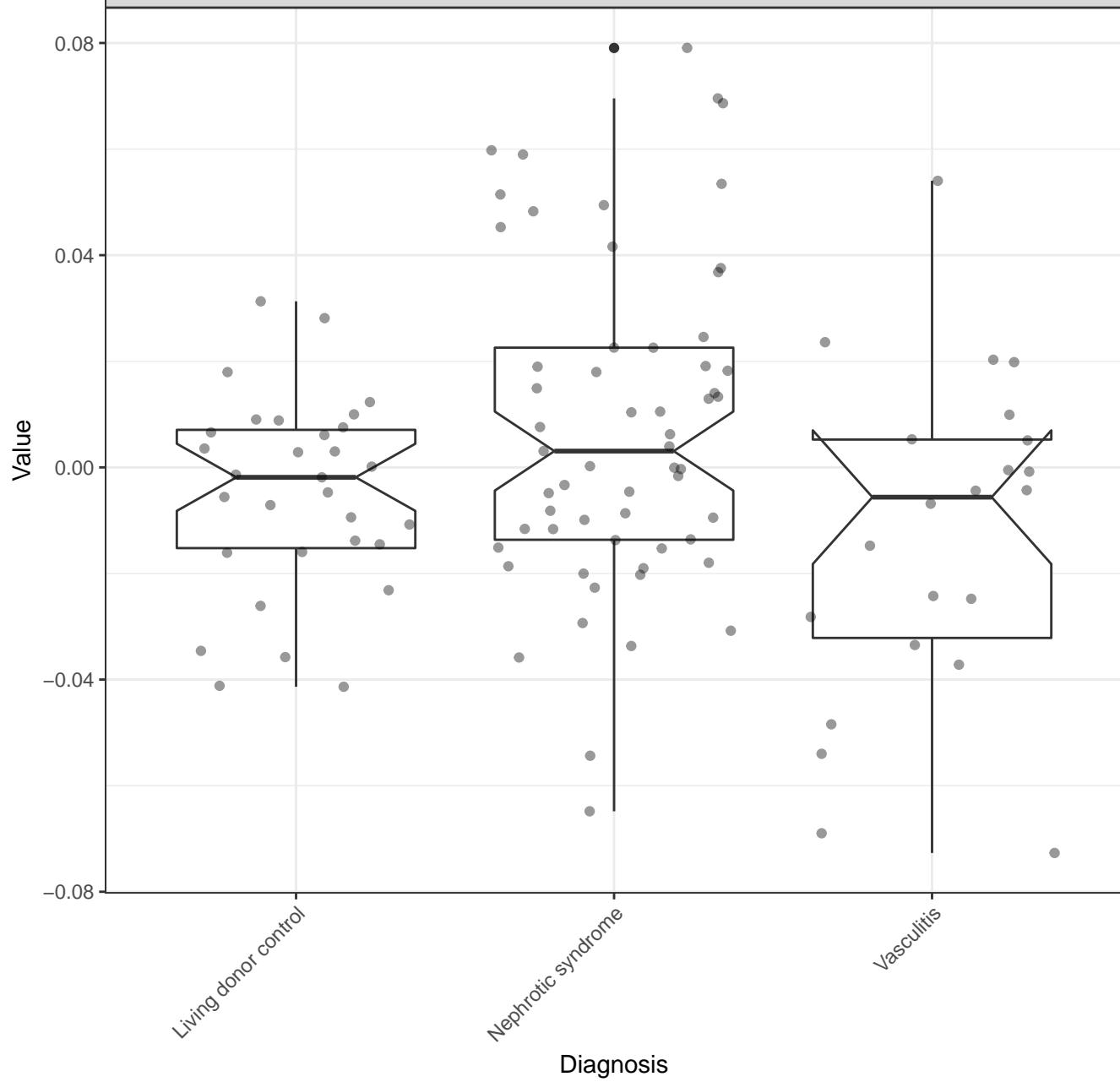
Vasculitis

Diagnosis





LV 303



LV 304

Value

0.05

0.00

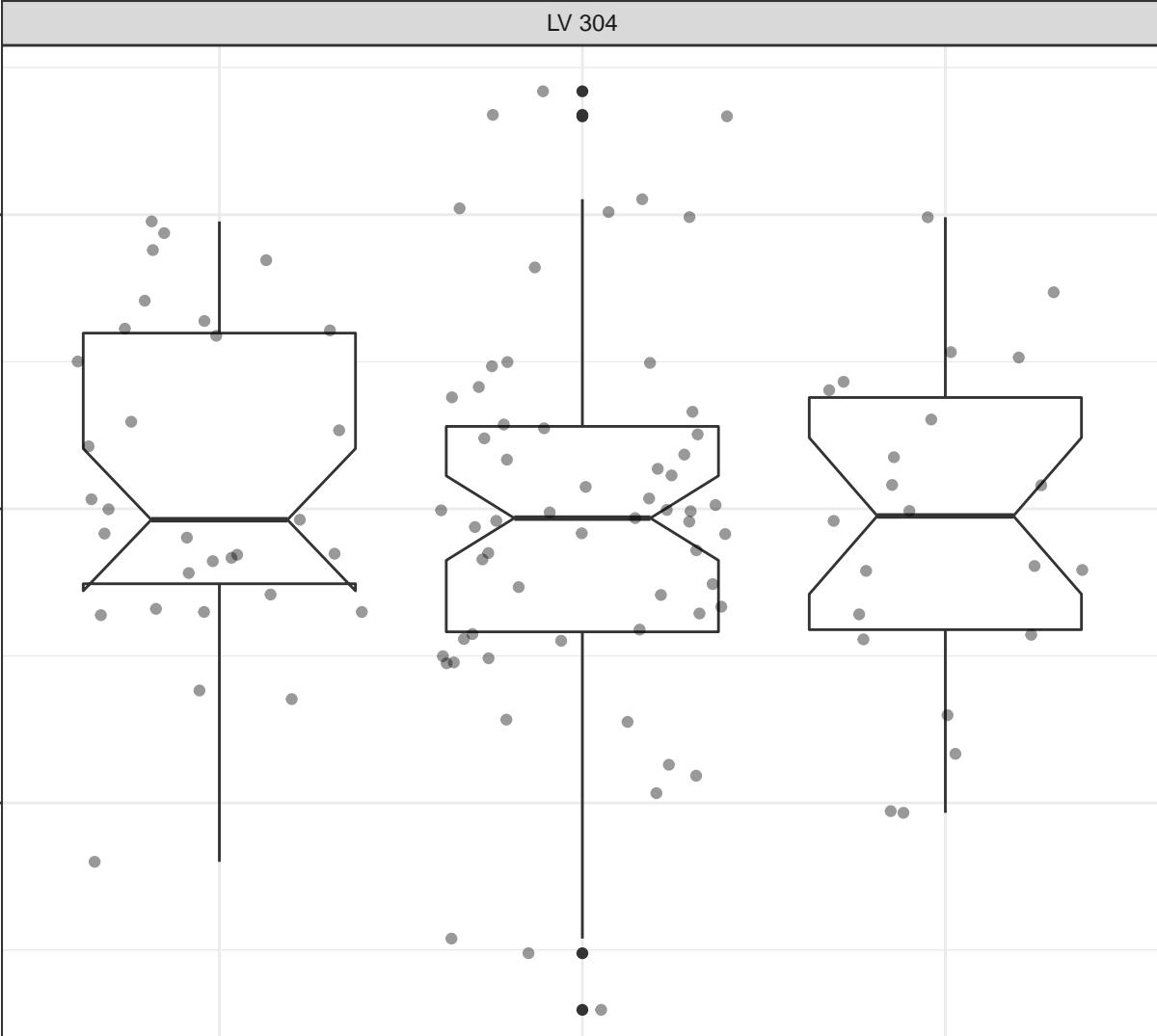
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 305

Value

0.06

0.03

0.00

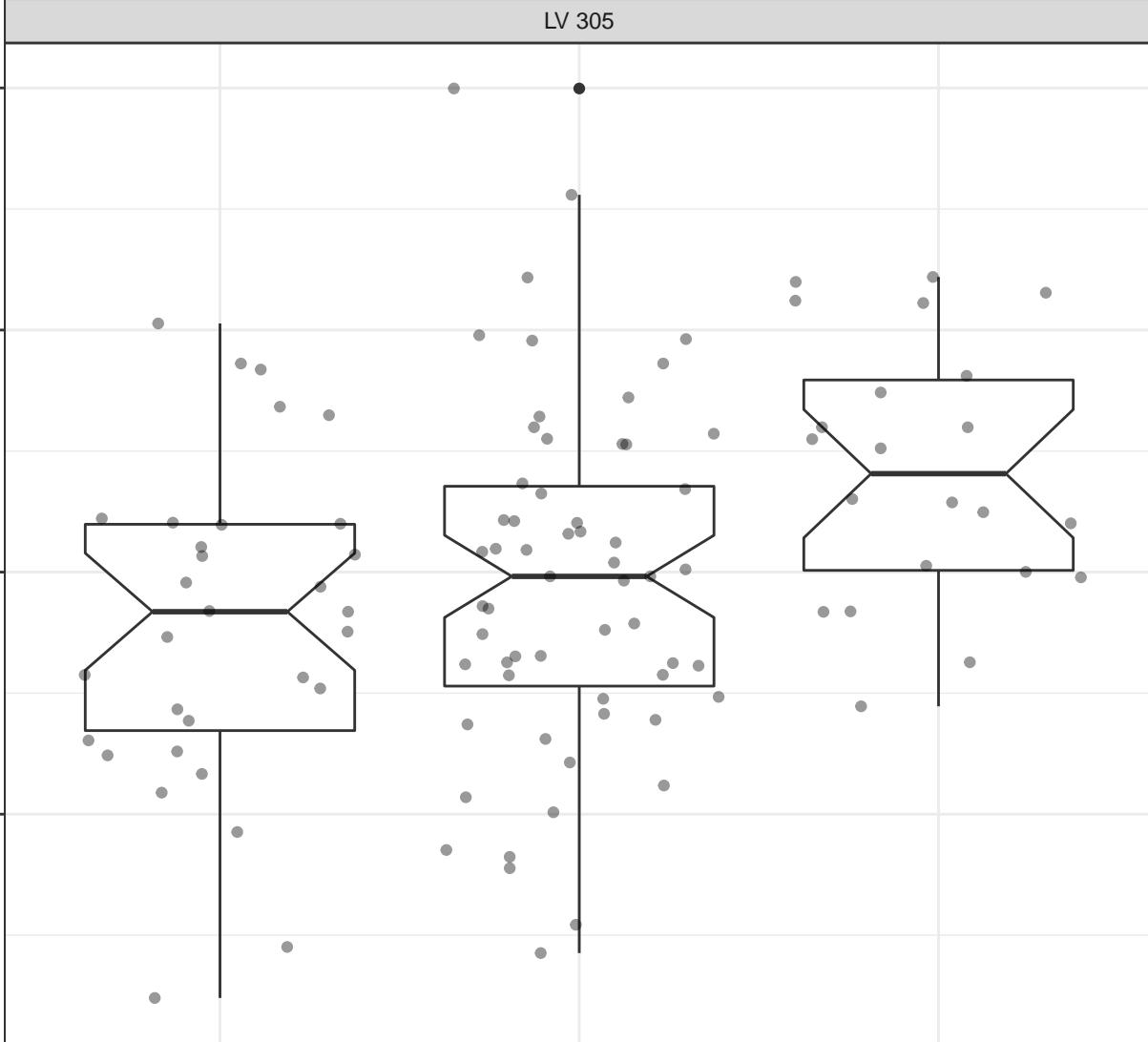
-0.03

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

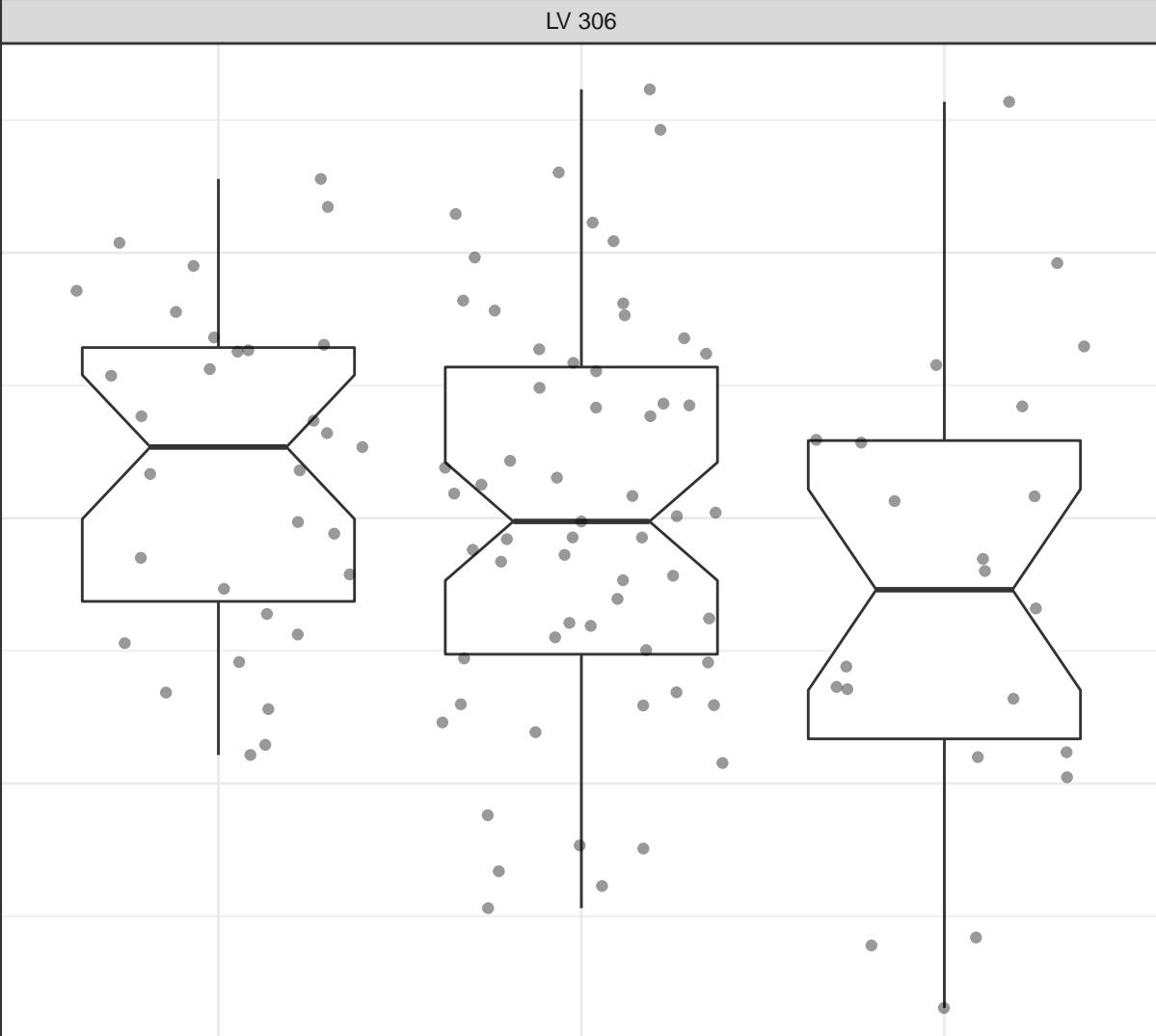
-0.08

Living donor control

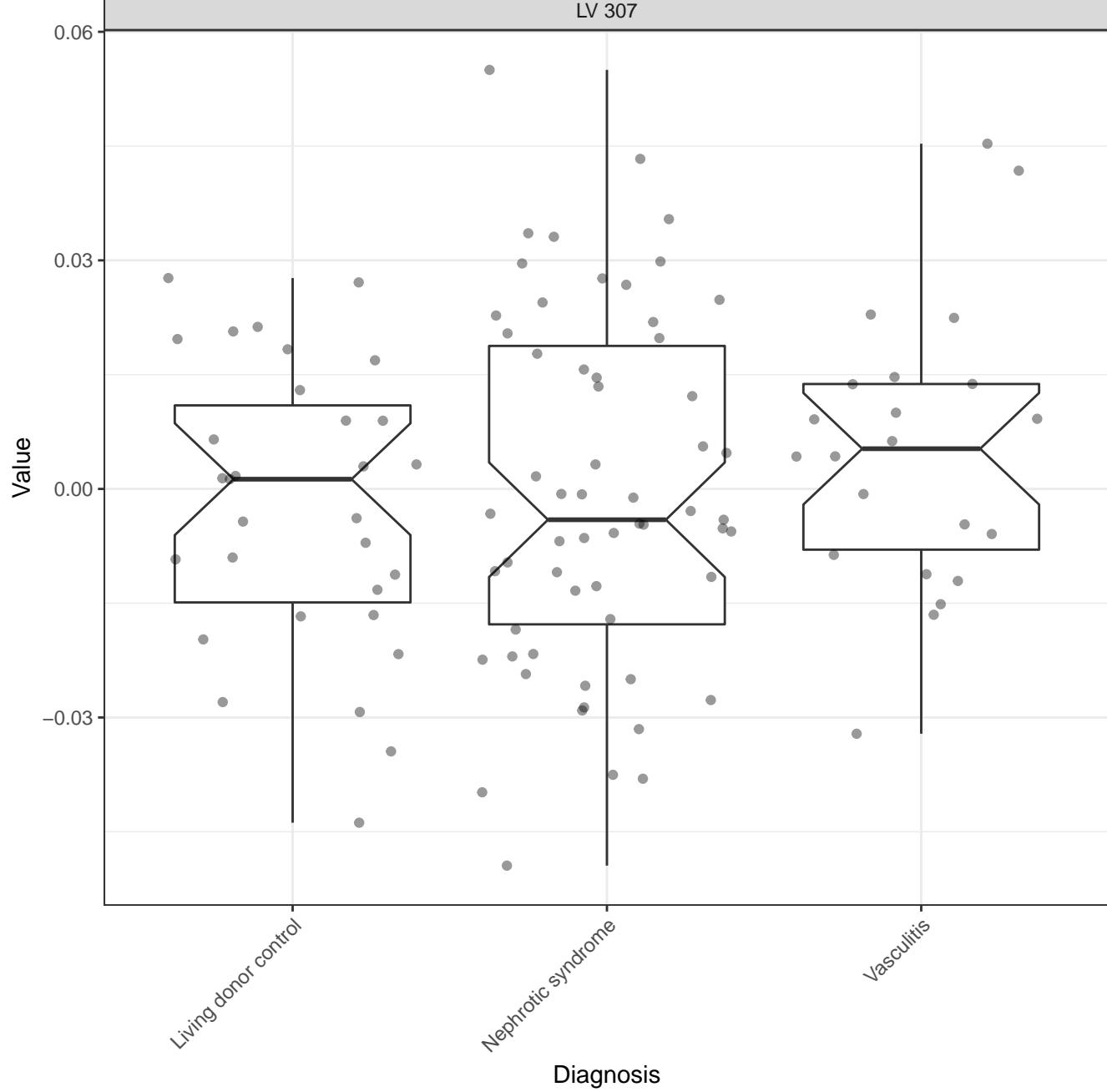
Nephrotic syndrome

Vasculitis

Diagnosis



LV 307



Value

0.05

0.00

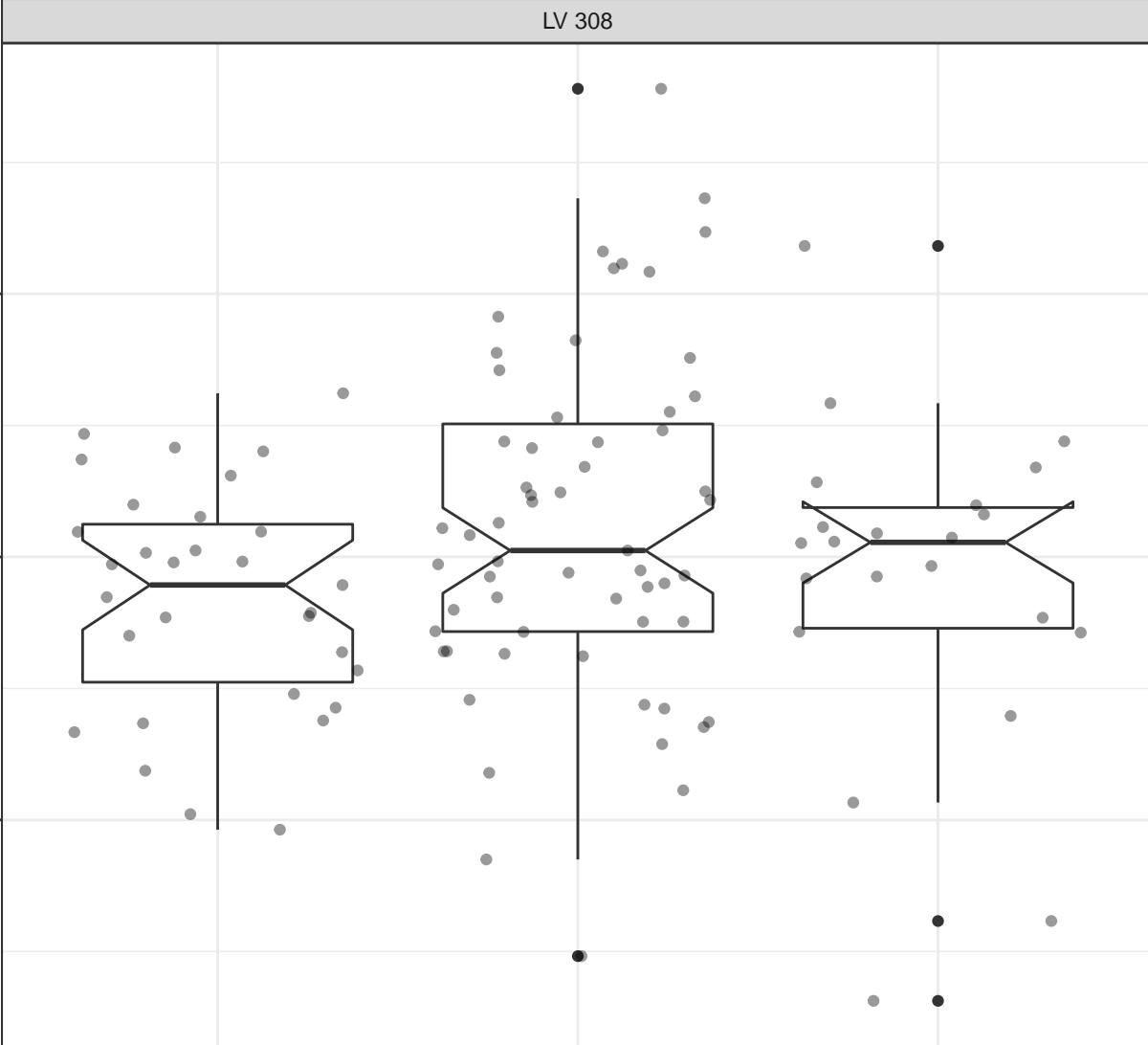
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 309

Value

0.05

0.00

-0.05

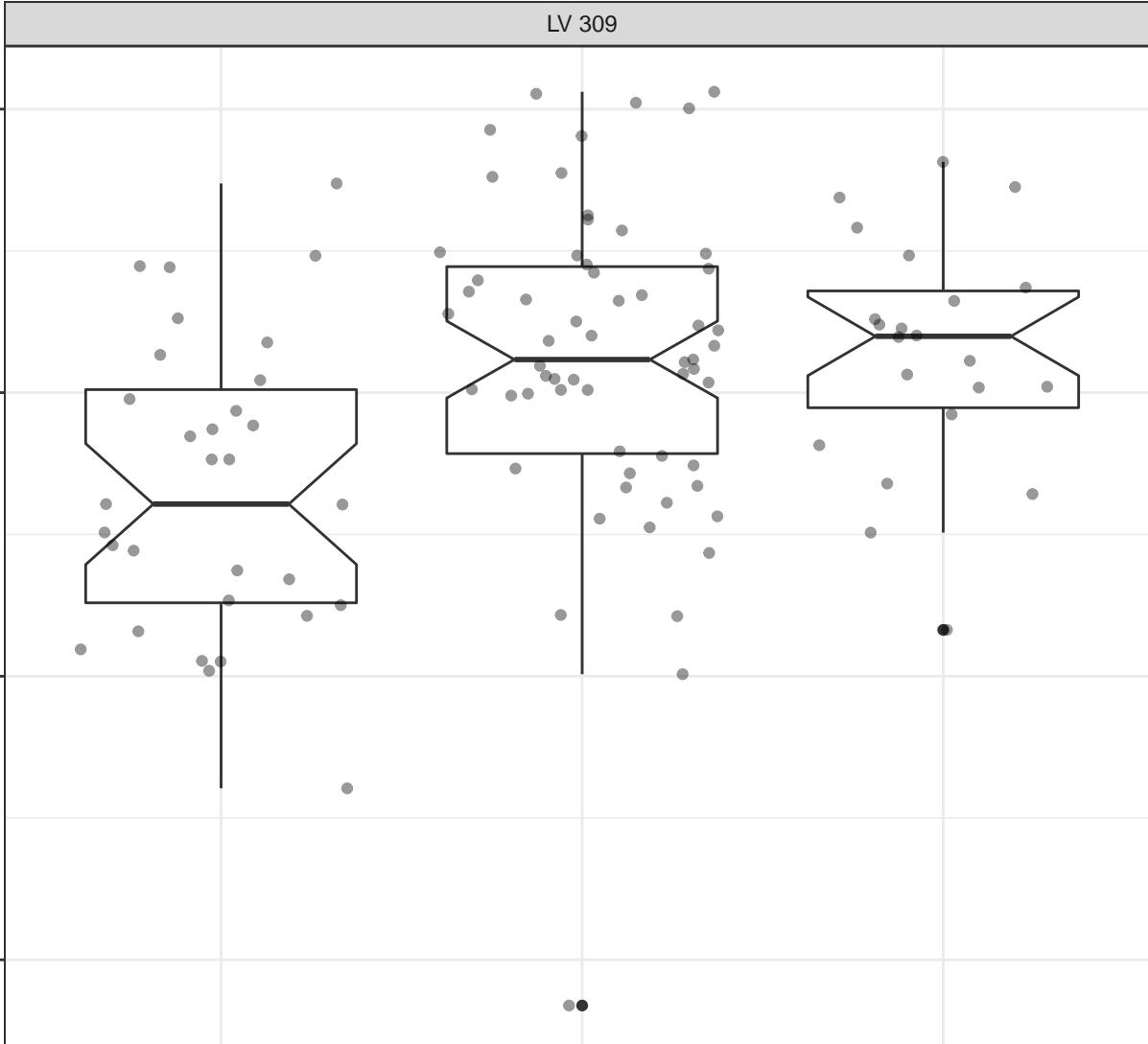
-0.10

Living donor control

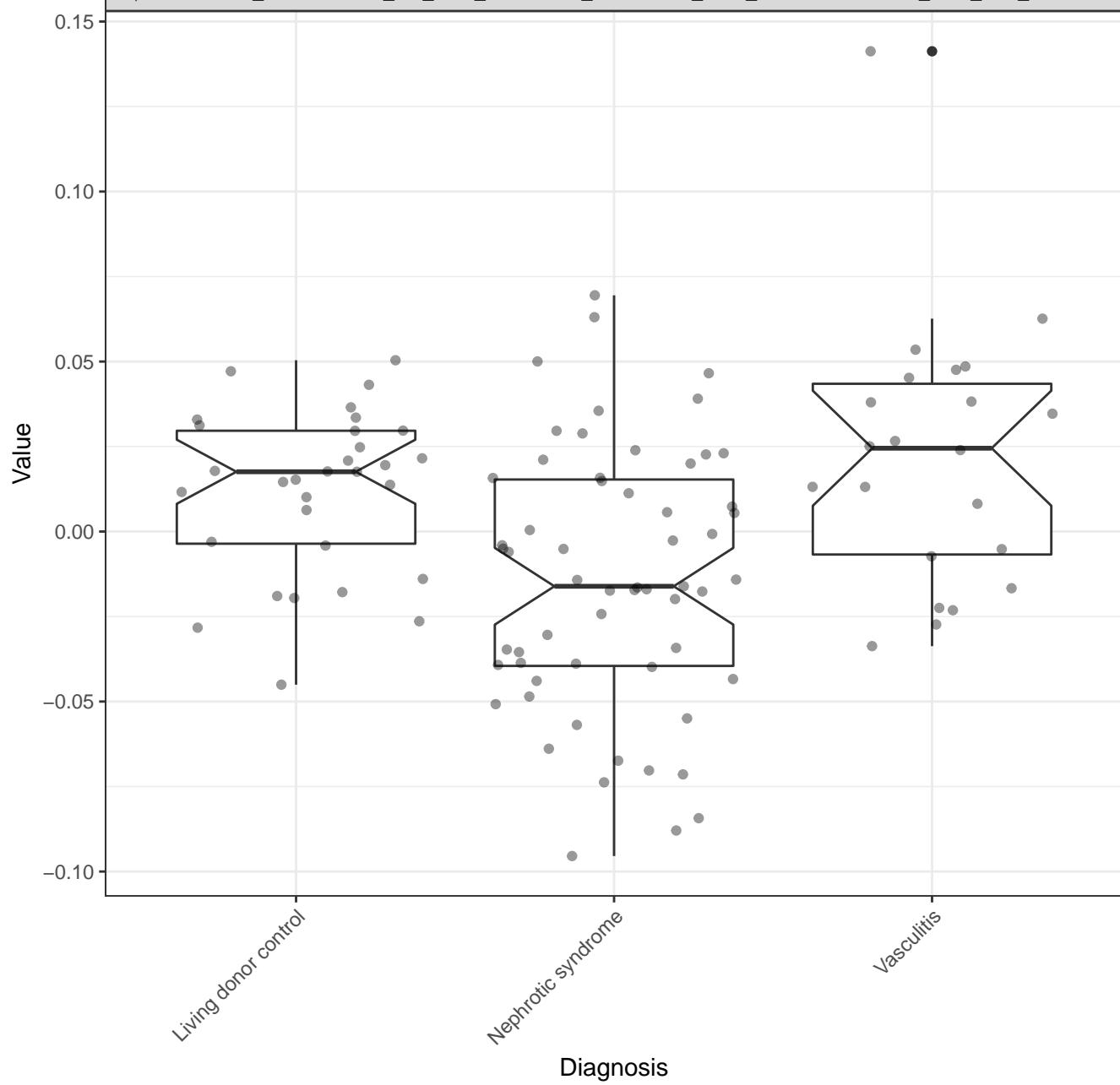
Nephrotic syndrome

Vasculitis

Diagnosis



310,REACTOME\_FORMATION\_OF\_THE\_TERNARY\_COMPLEX\_AND\_SUBSEQUENTLY\_THE\_43S\_COMPLEX



LV 311

Value

0.05

0.00

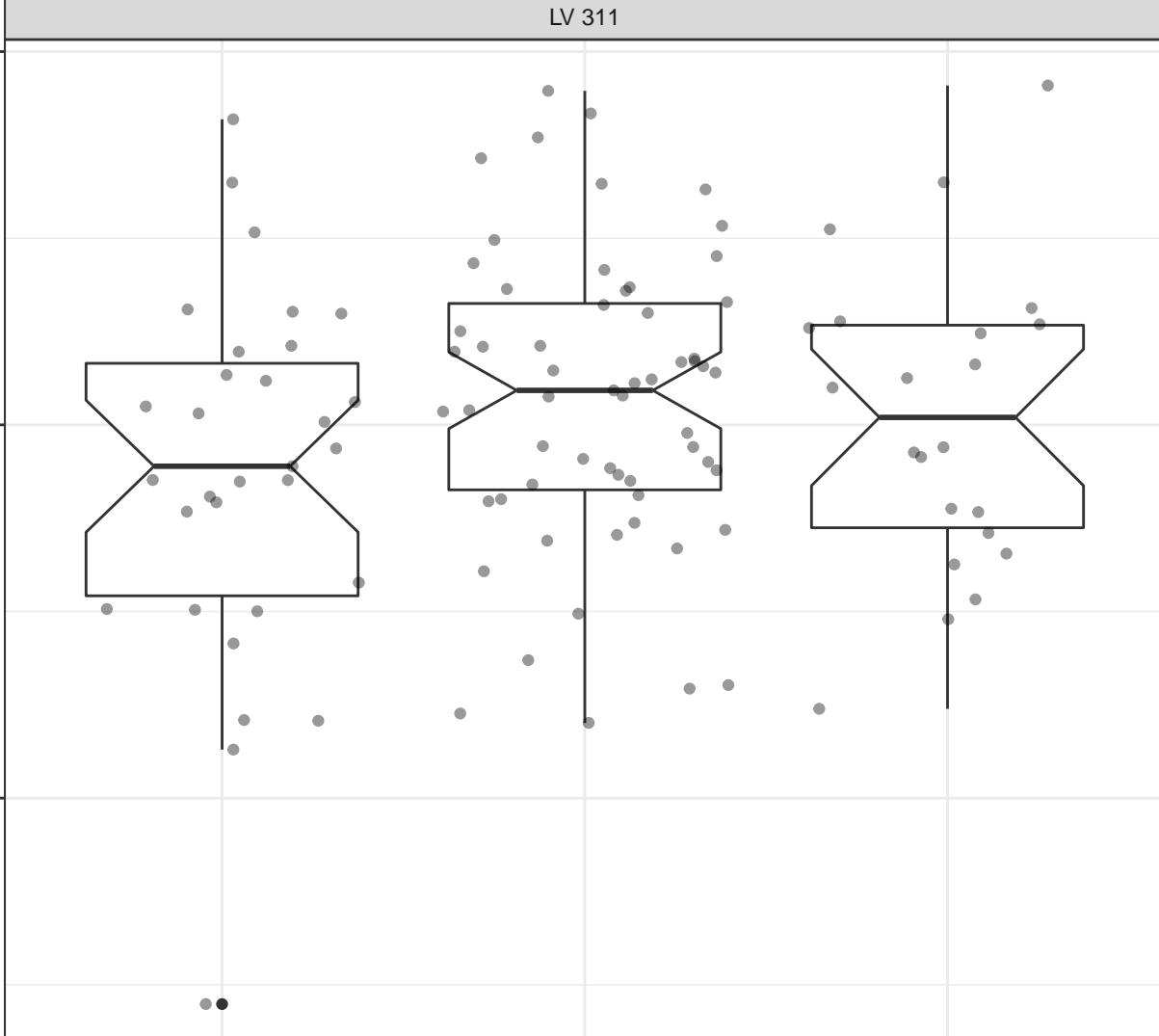
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 312

Value

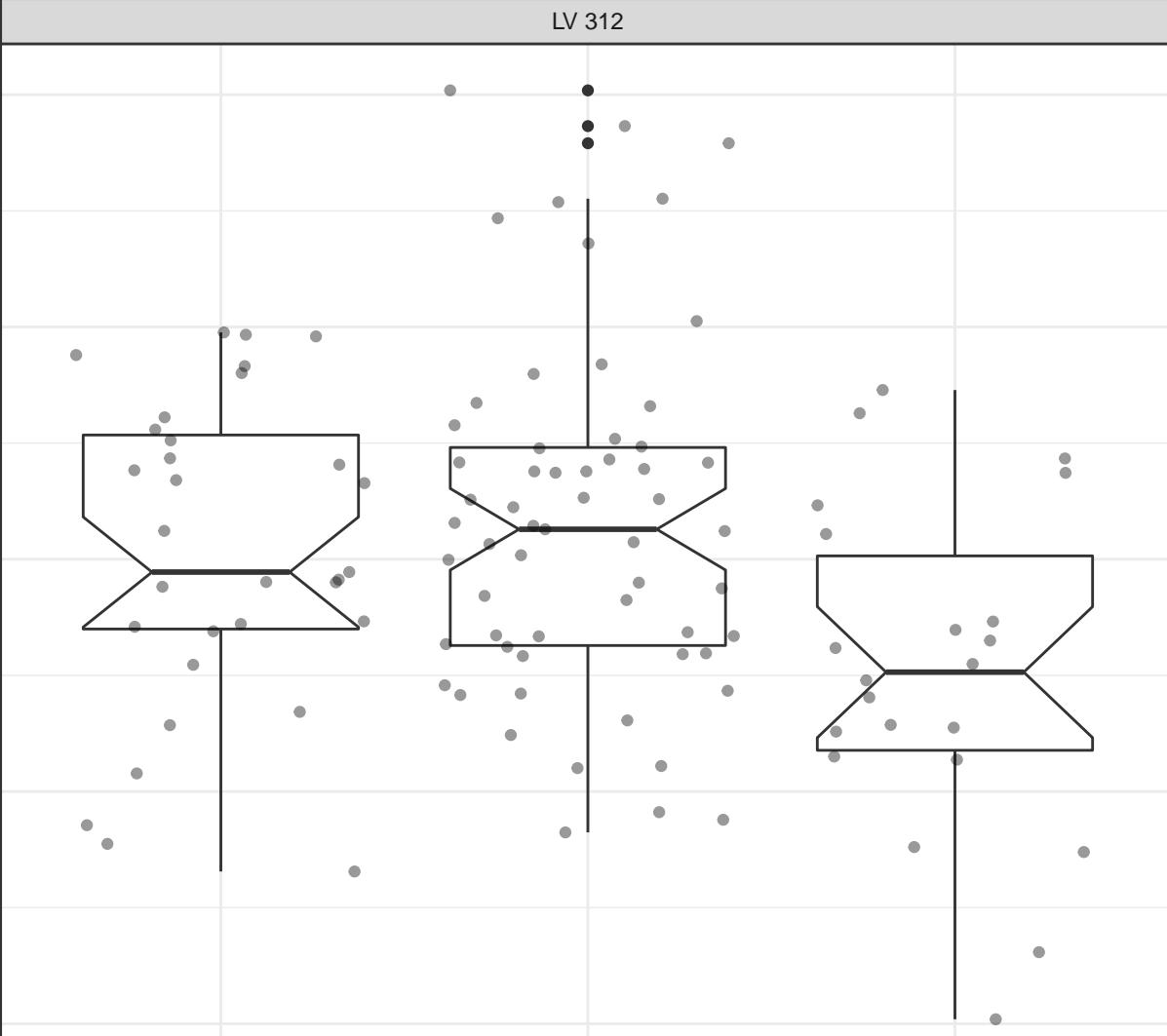
0.06  
0.03  
0.00  
-0.03  
-0.06

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

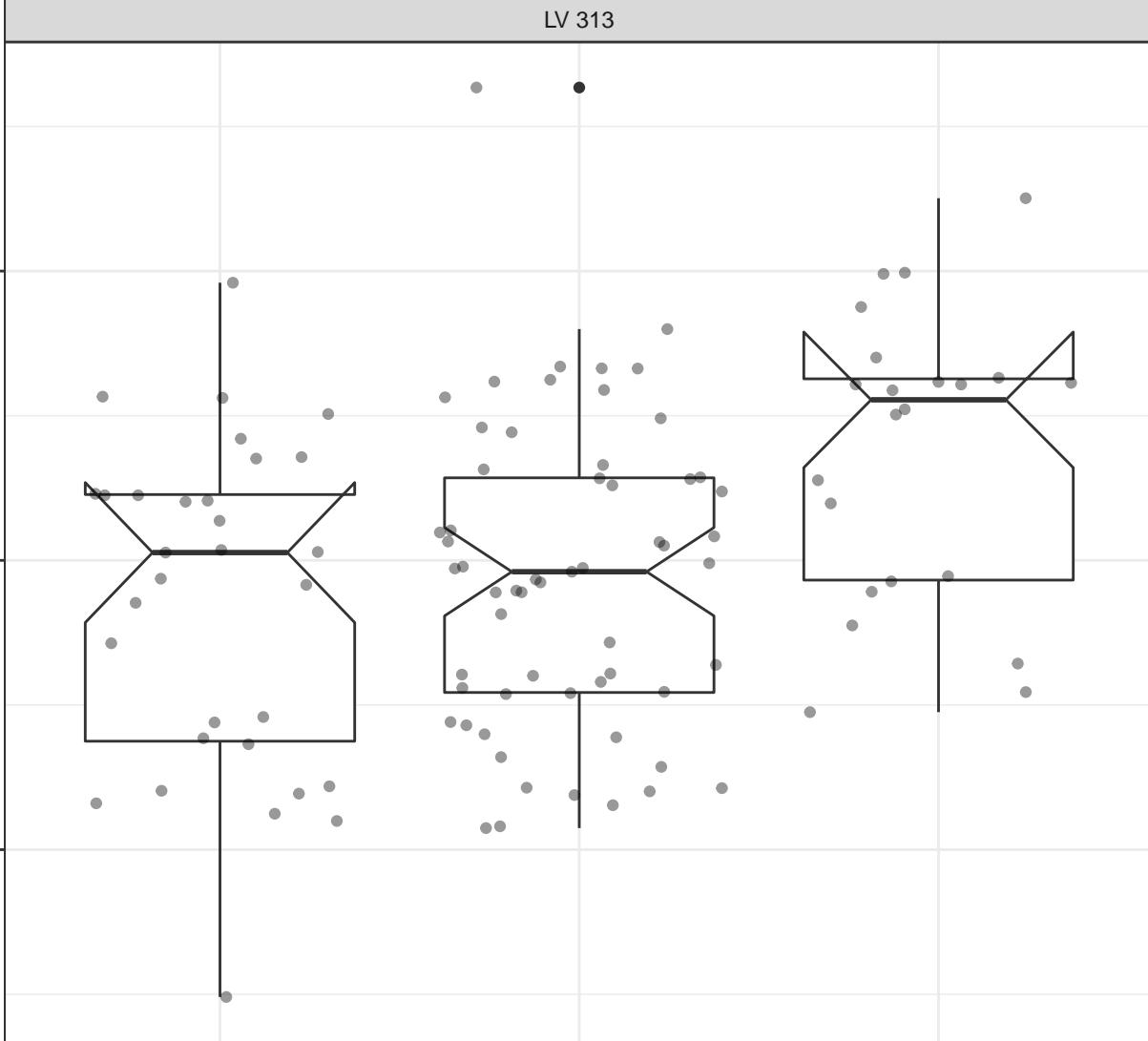
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.03

0.01

-0.03

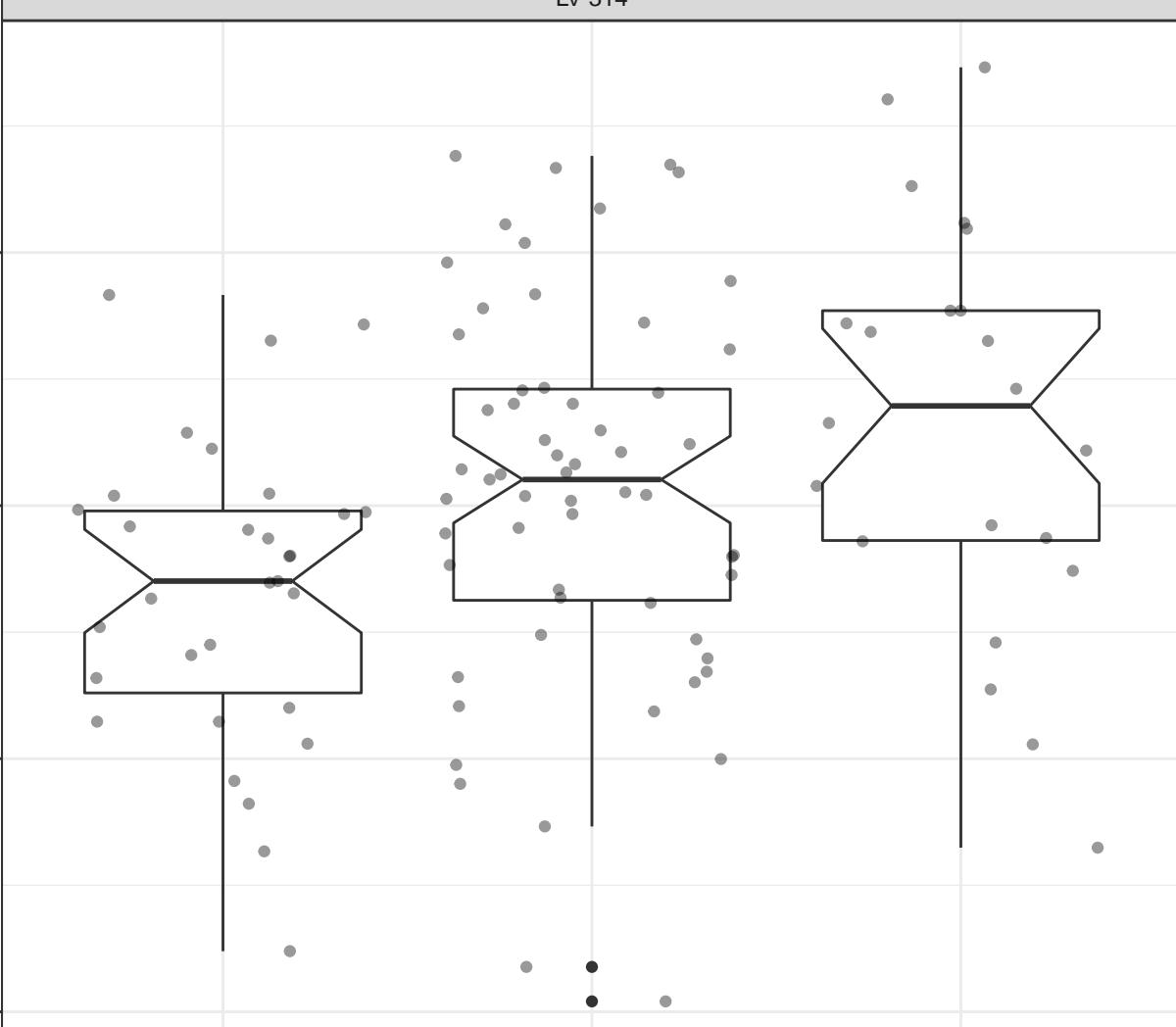
-0.06

Living donor control

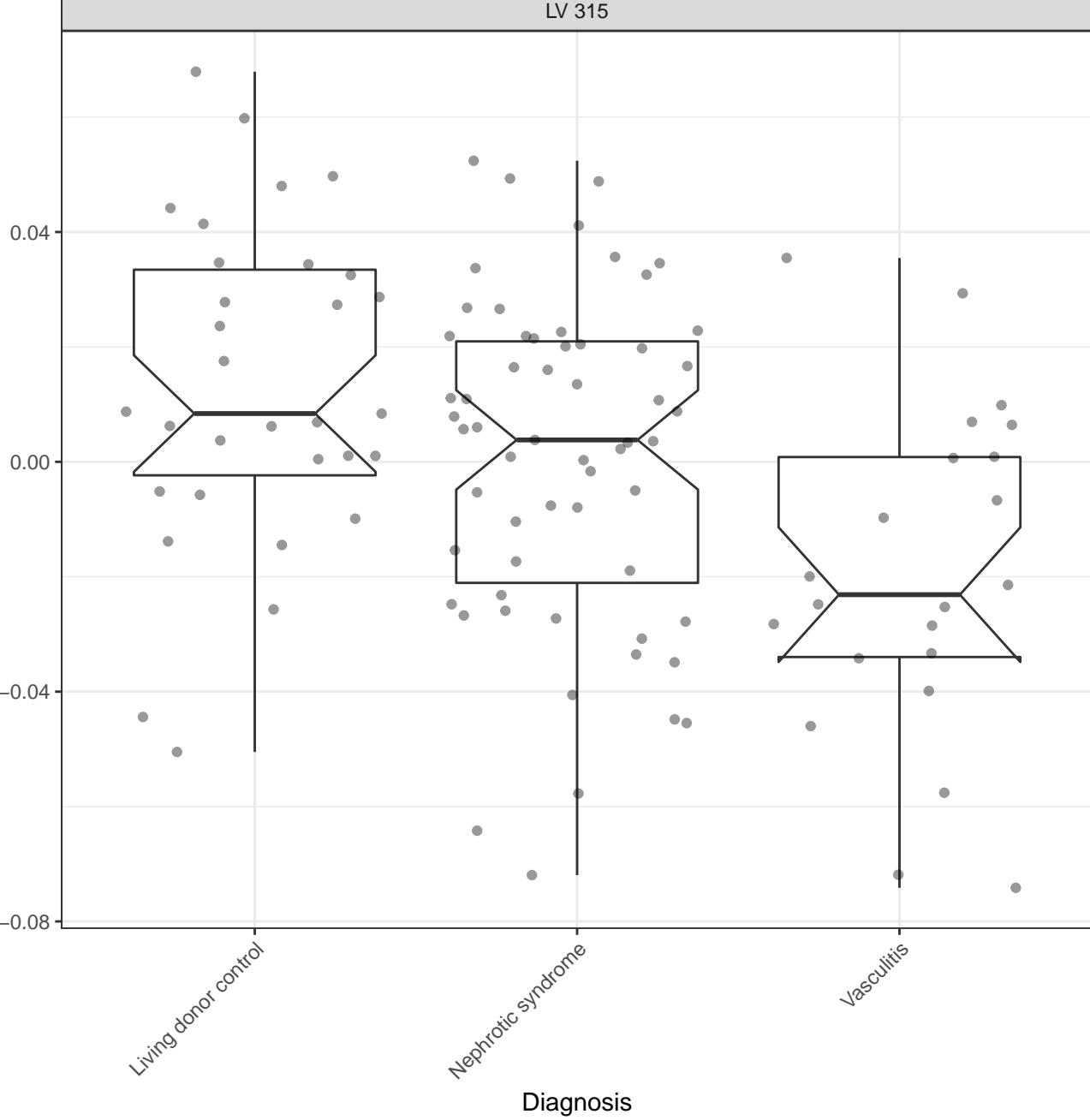
Nephrotic syndrome

Vasculitis

Diagnosis



Value



LV 316

Value

0.10

0.05

0.00

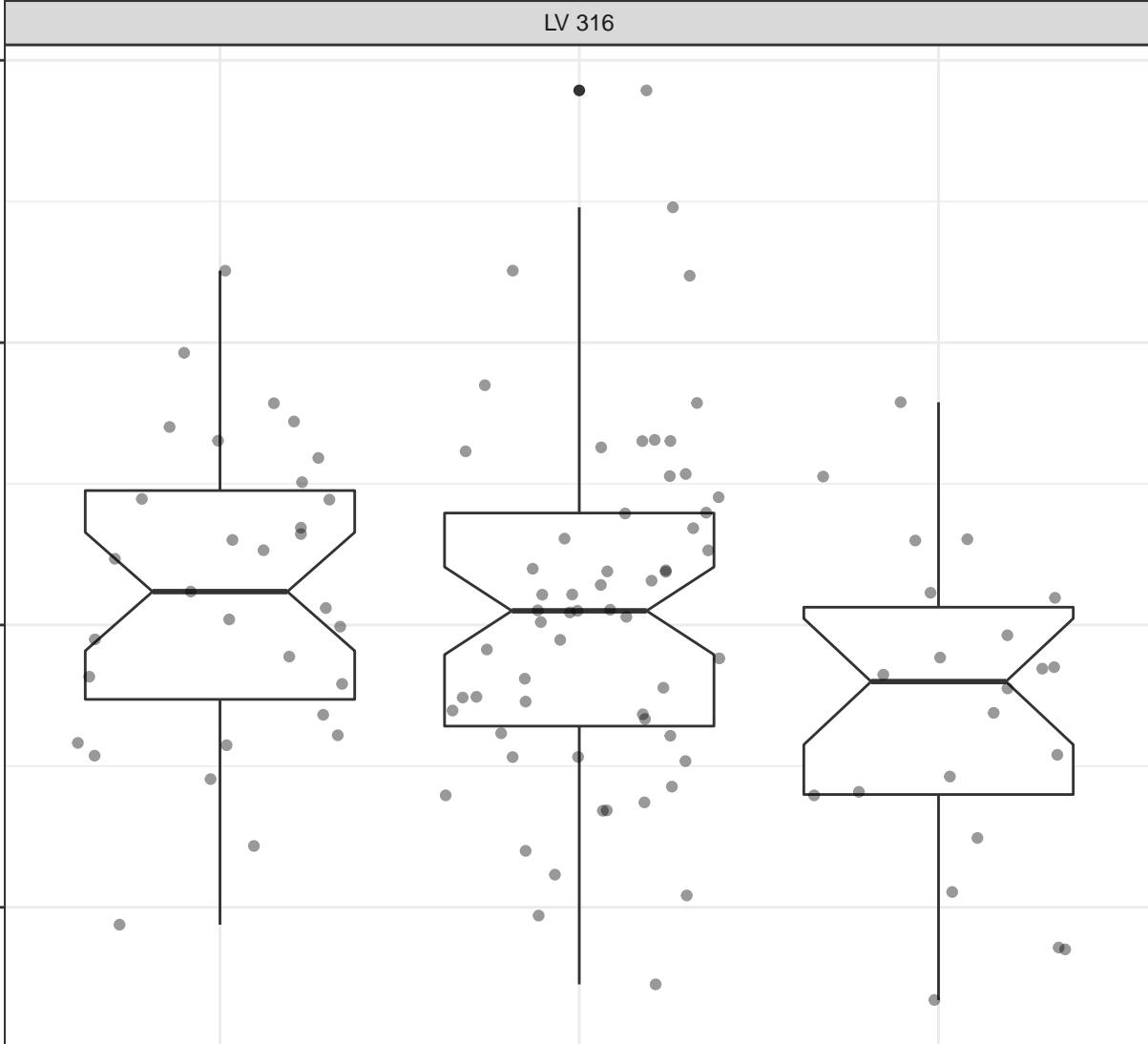
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 317

Value

0.10

0.05

0.00

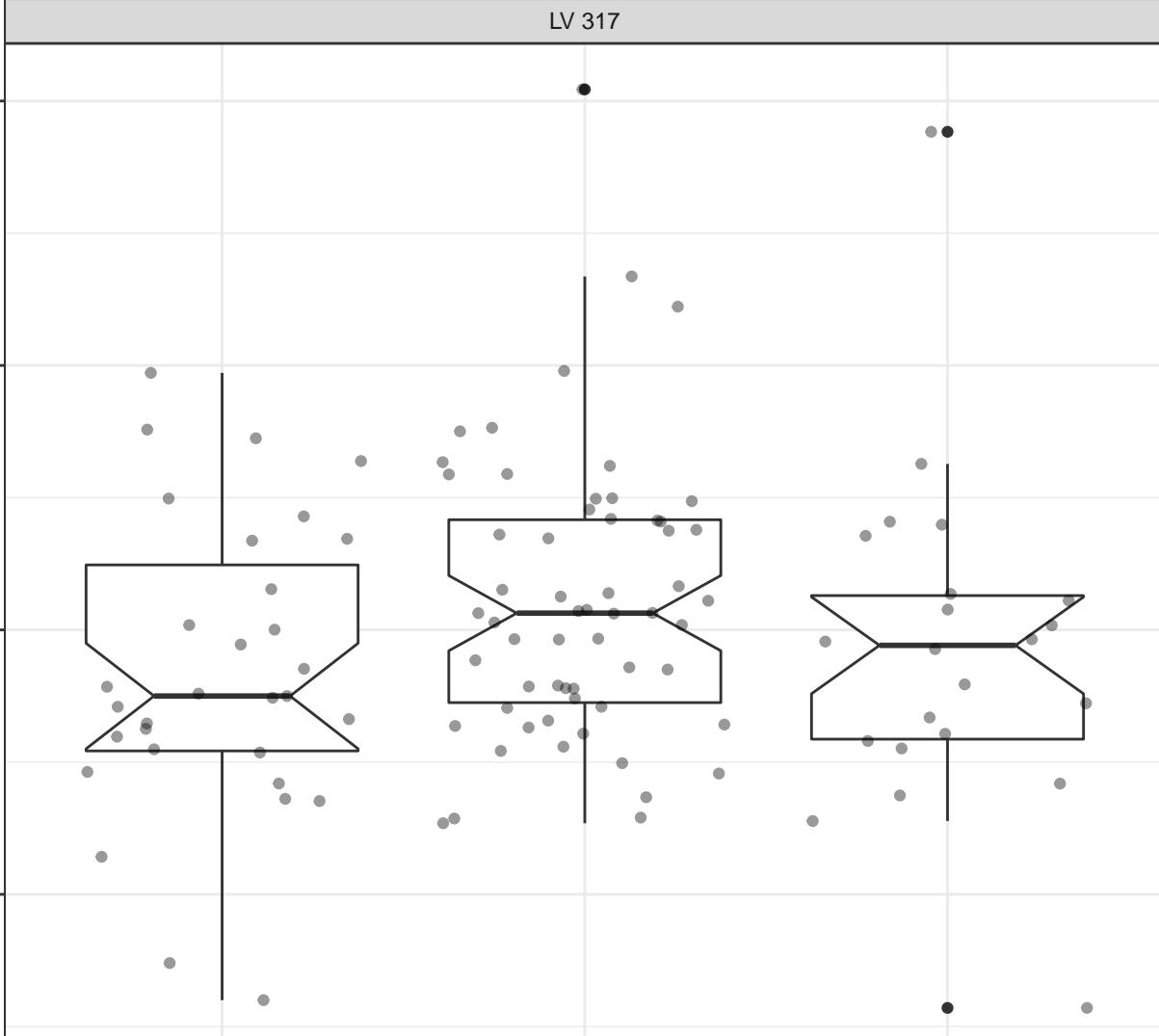
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

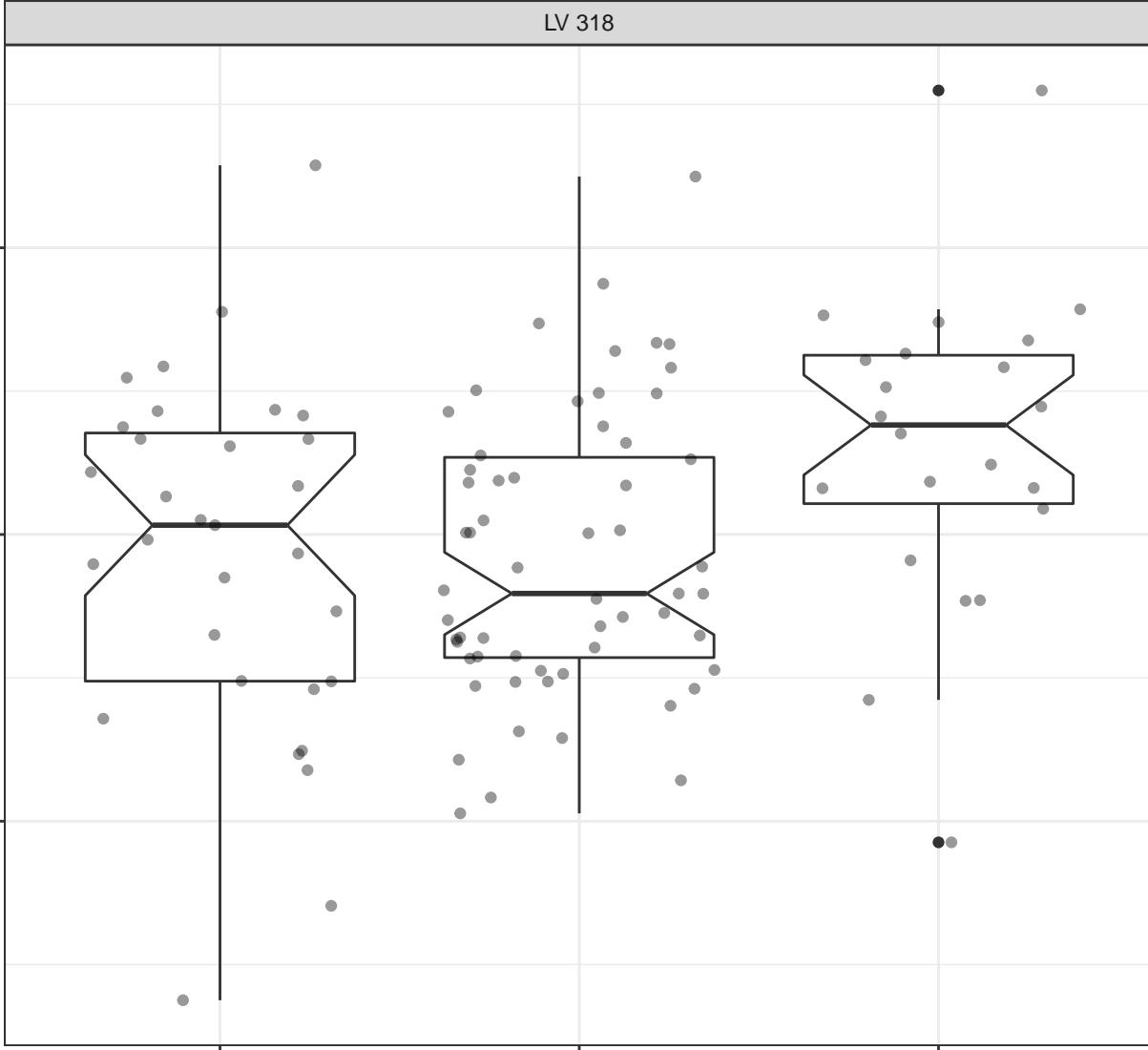
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

-0.05

-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.10

0.05

0.00

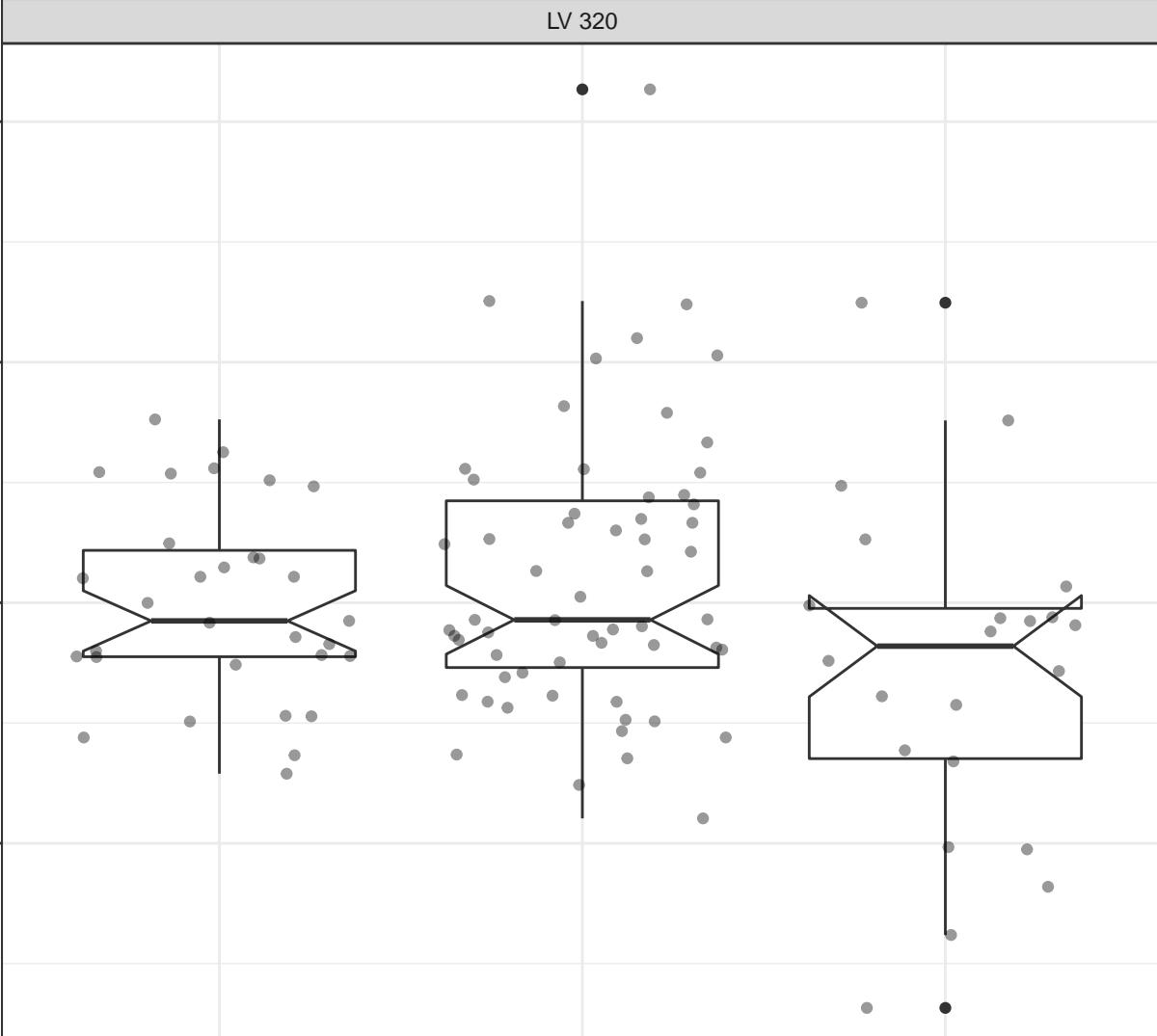
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

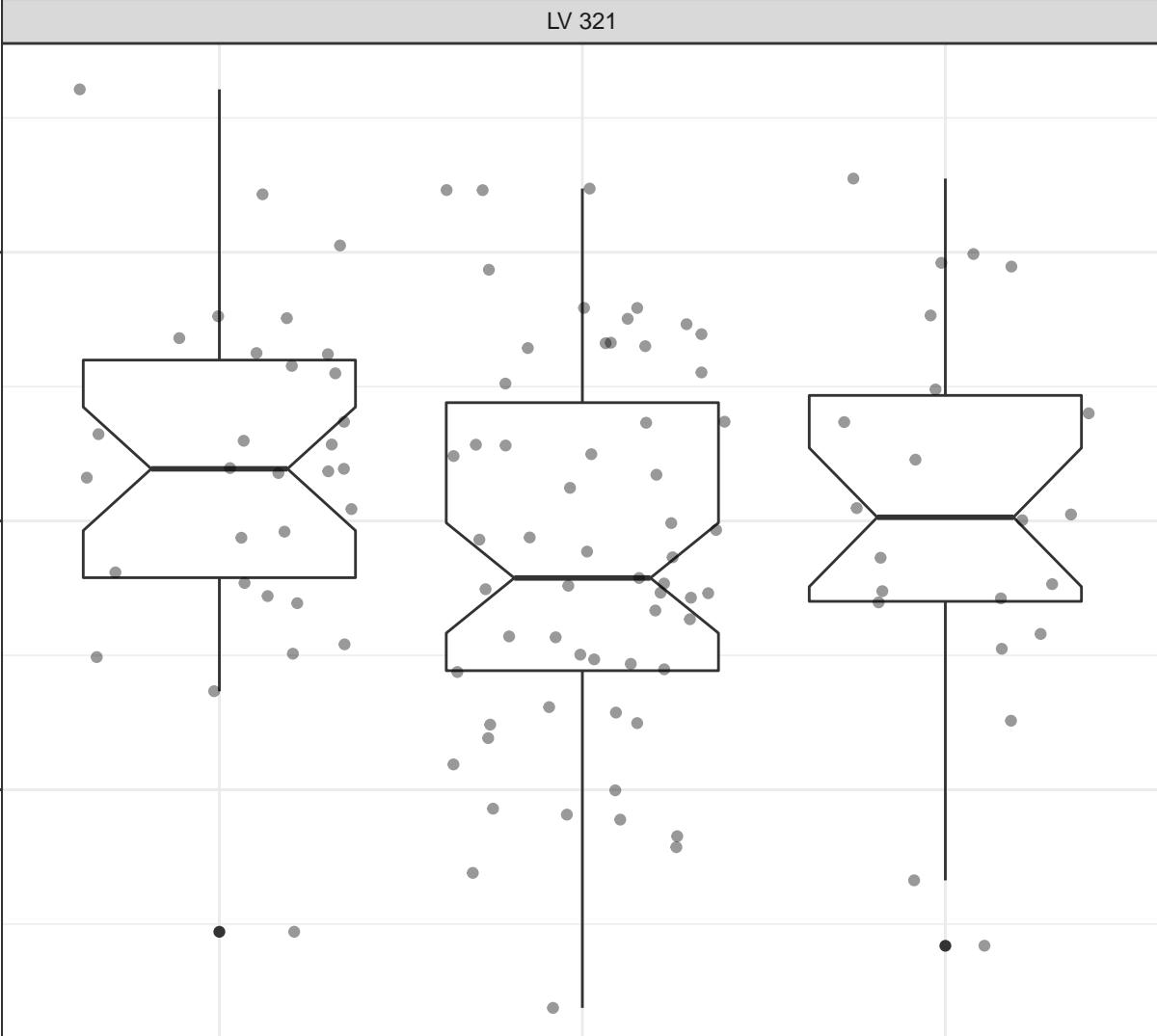
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

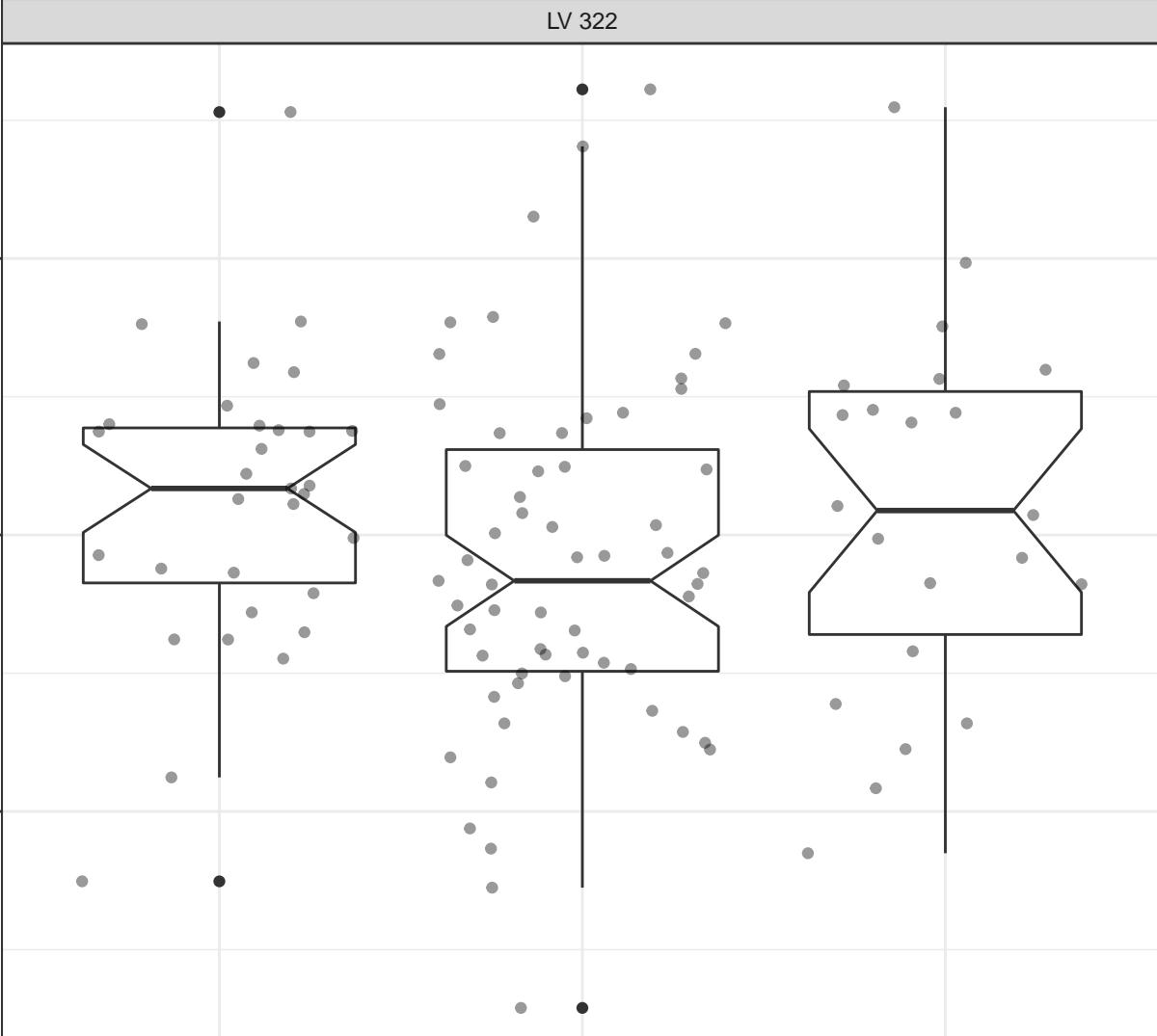
-0.04

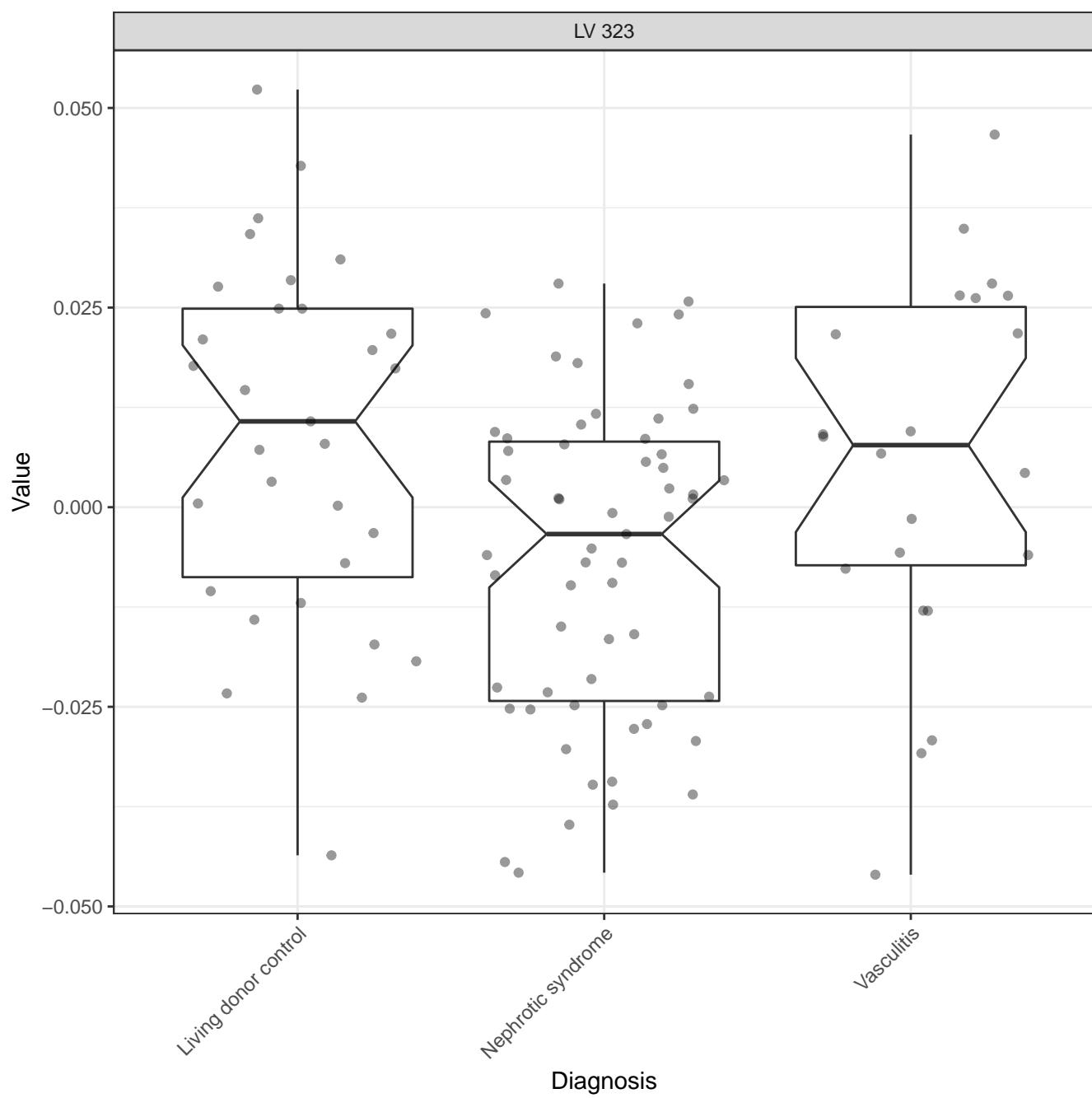
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.05

0.00

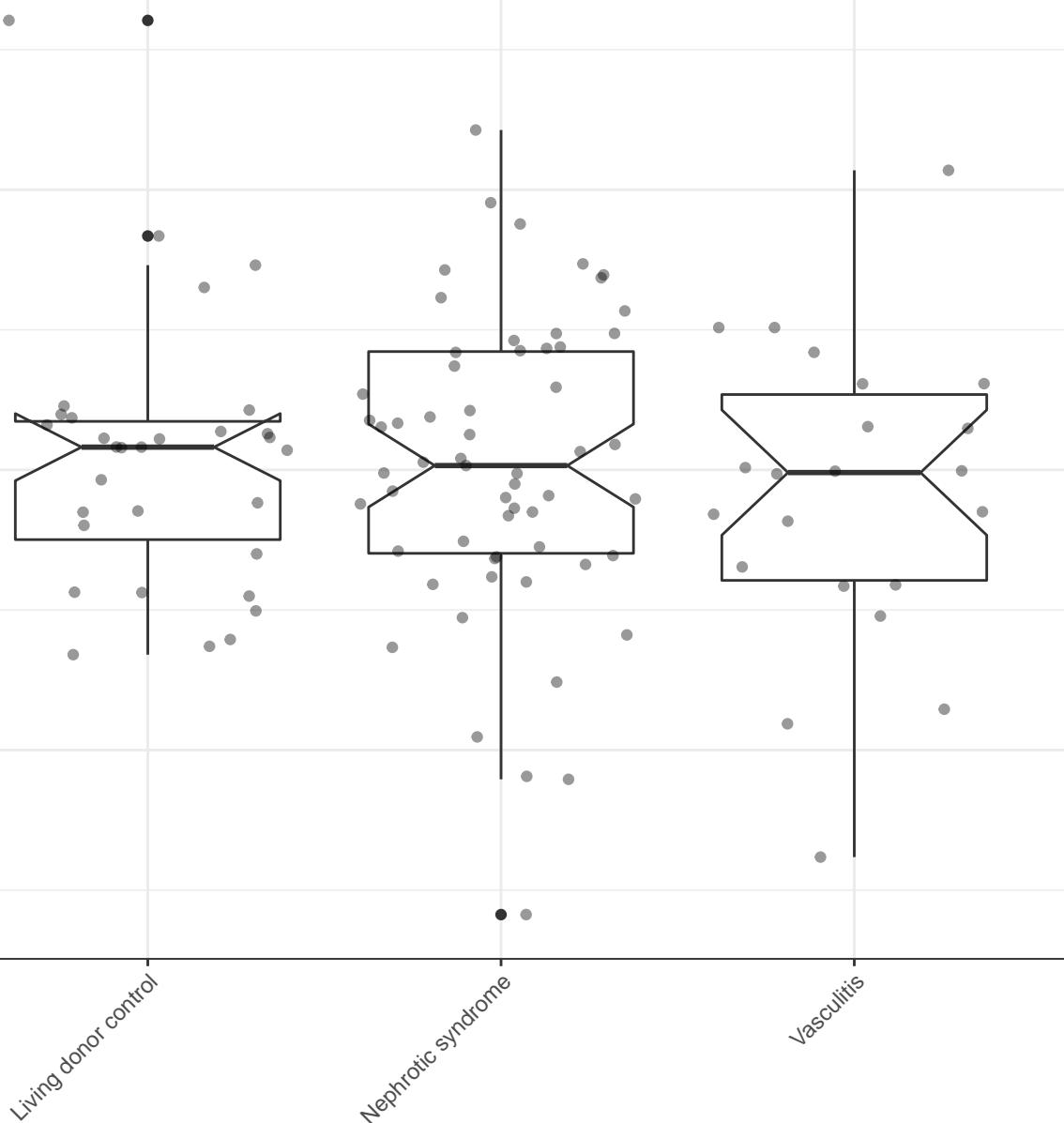
-0.05

Living donor control

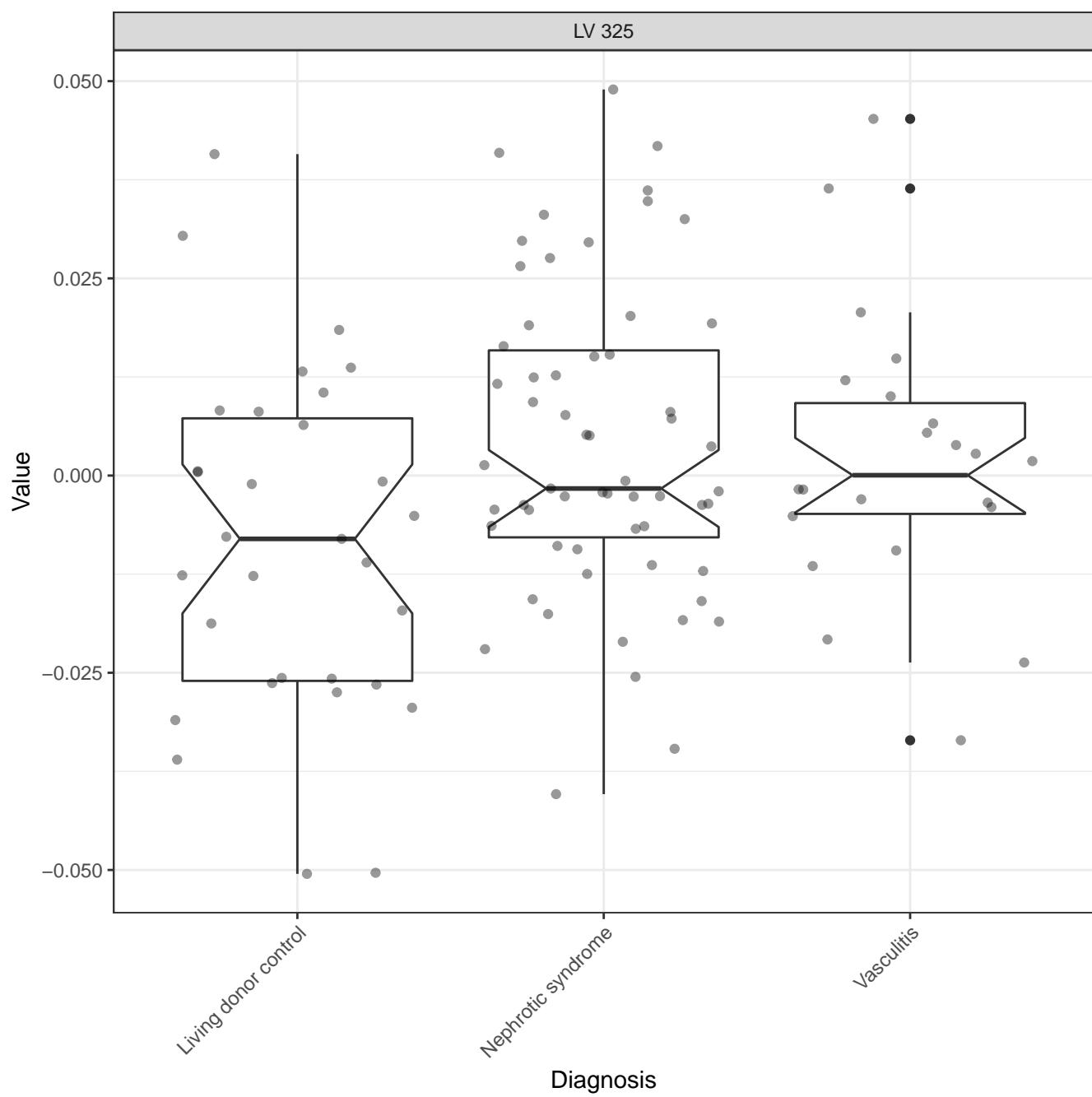
Nephrotic syndrome

Vasculitis

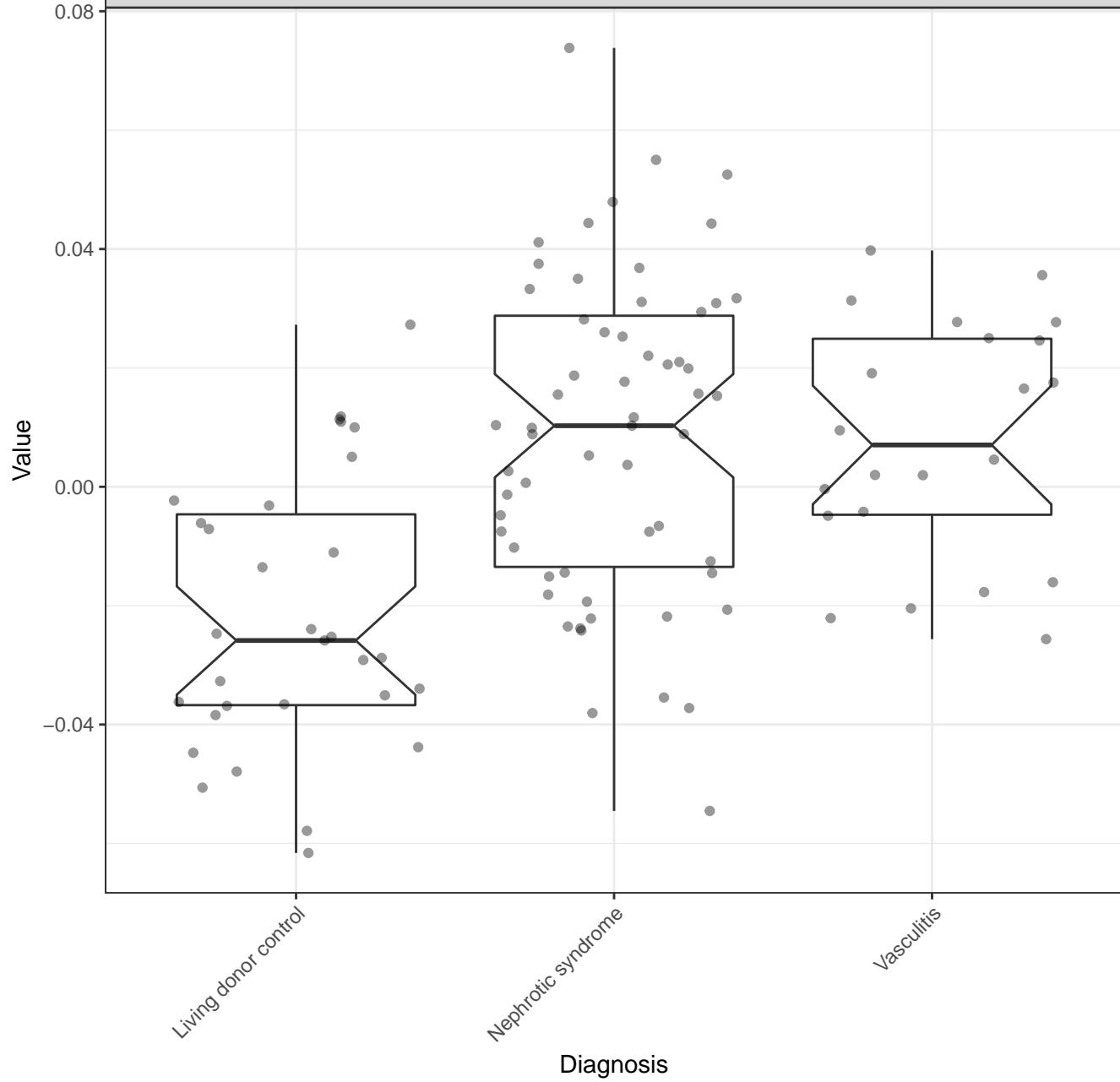
Diagnosis



LV 325



LV 326



LV 327

Value

0.06

0.03

0.00

-0.03

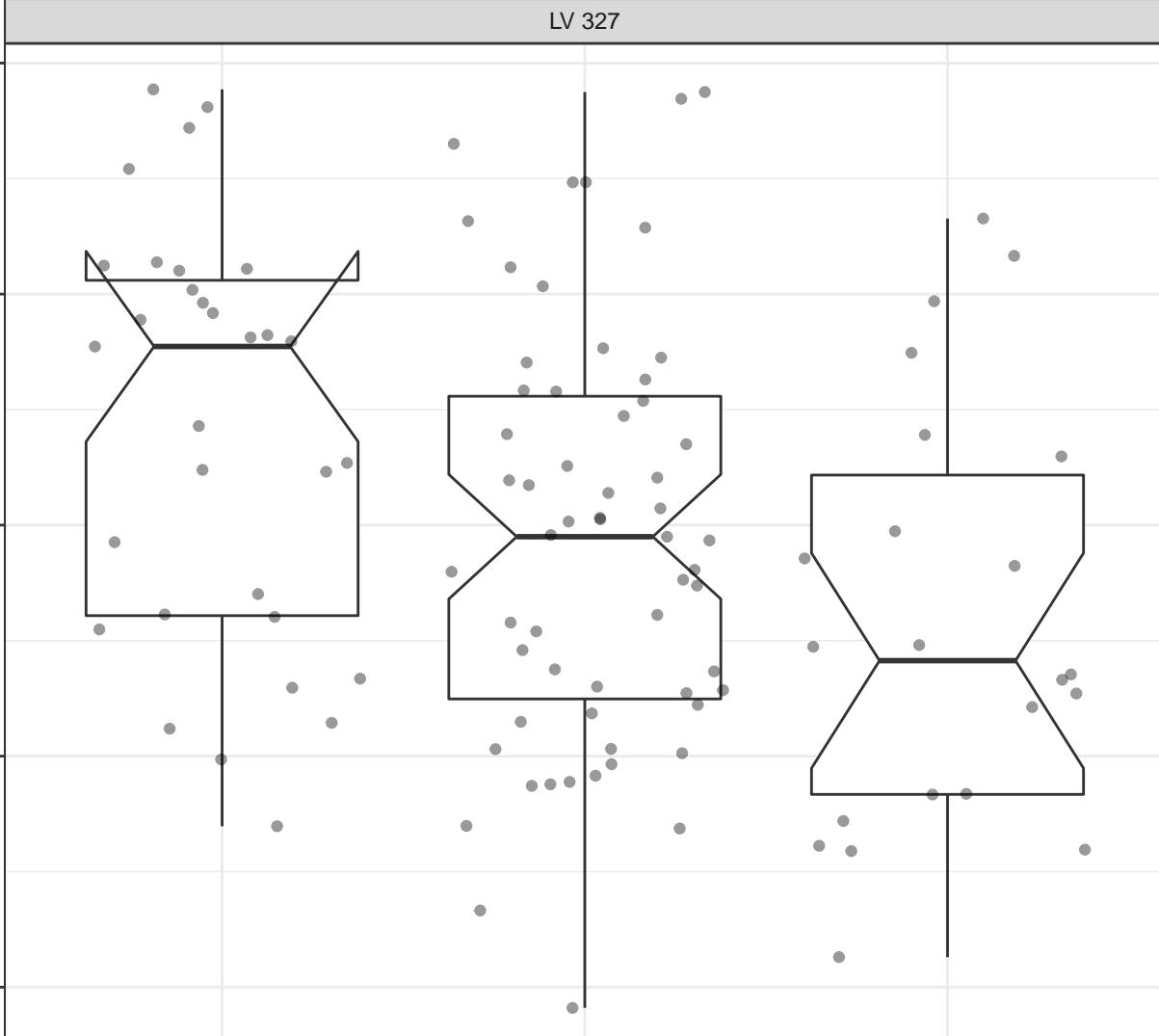
-0.06

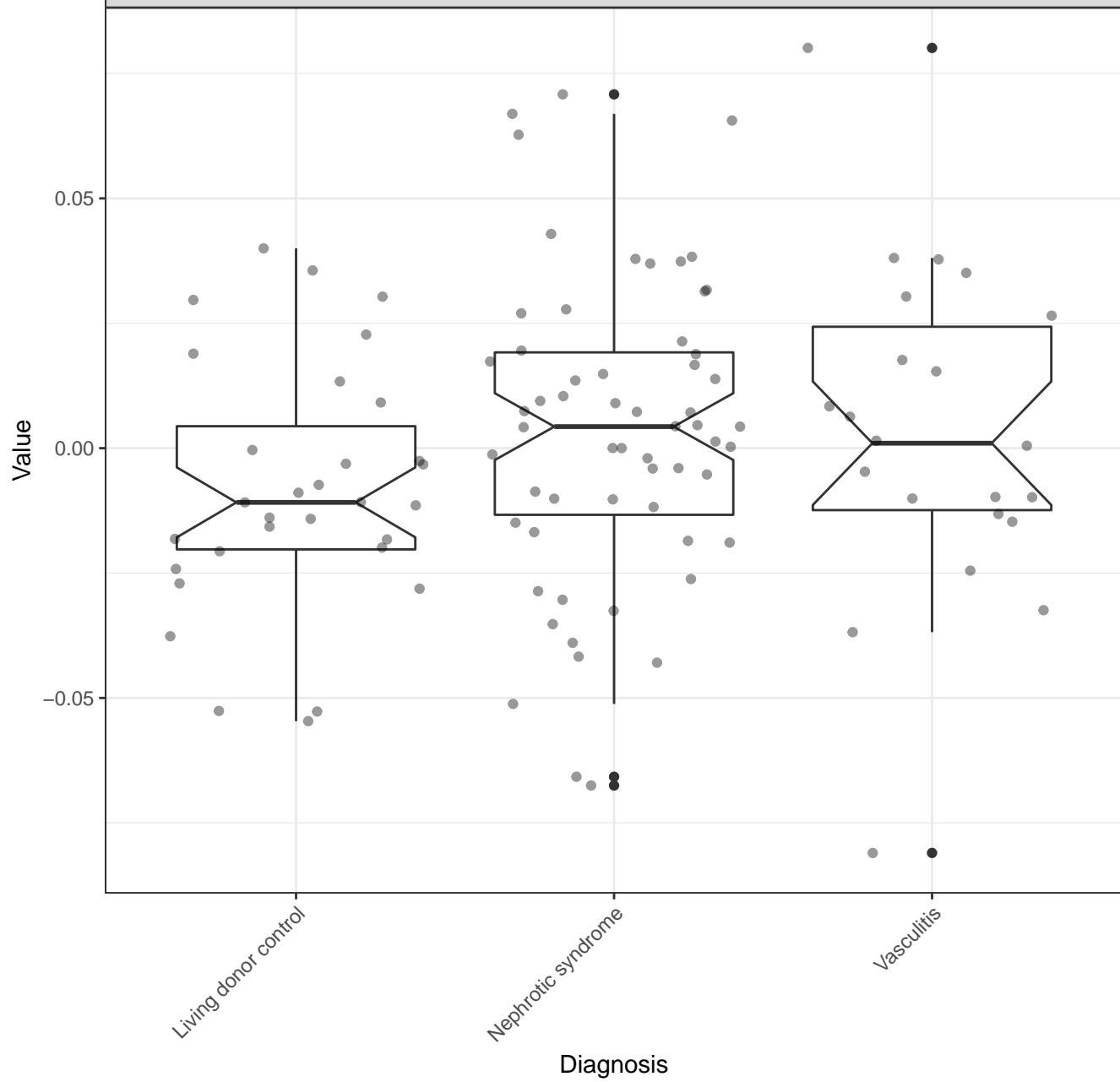
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.10

0.05

0.00

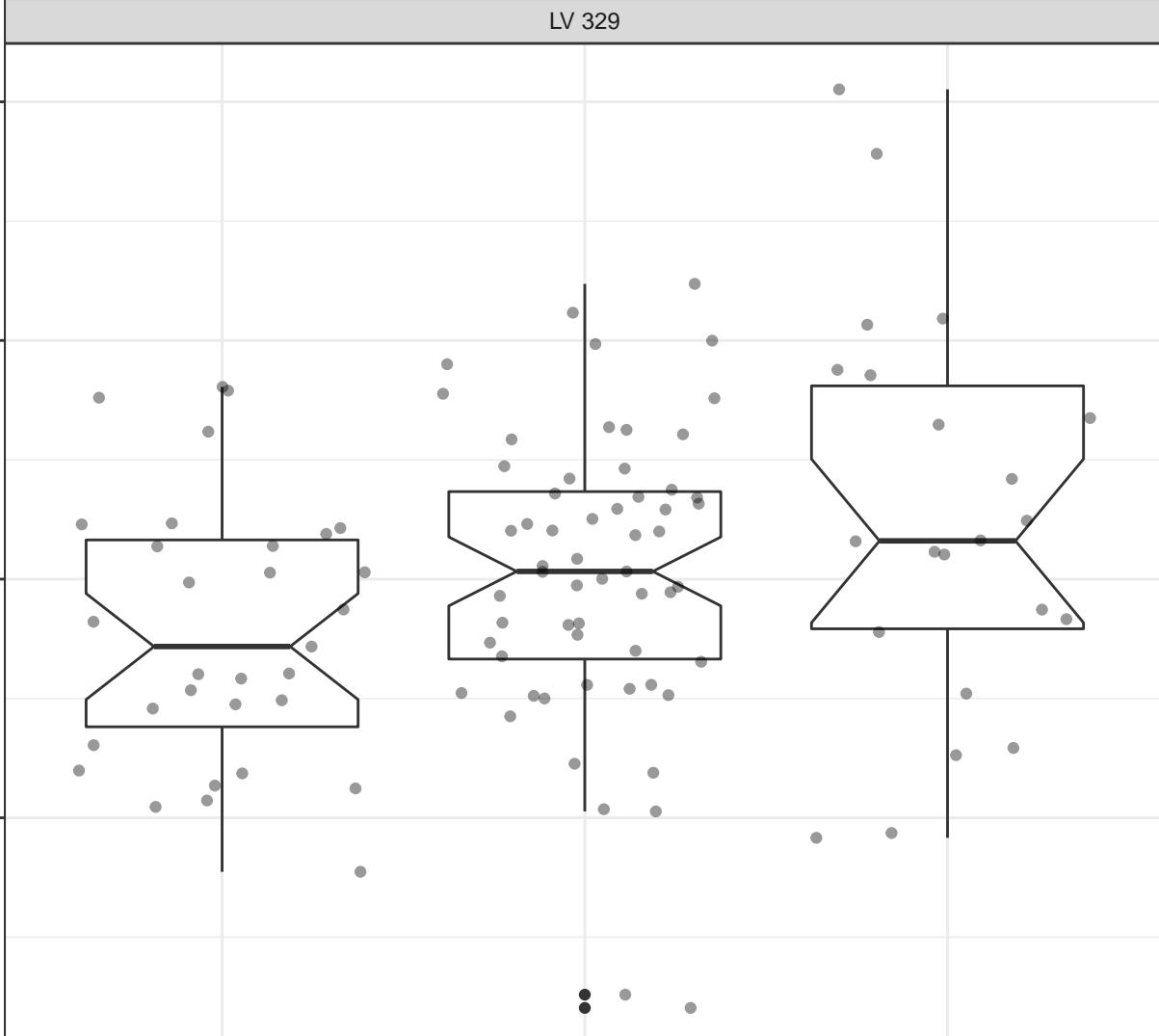
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 330

Value

0.05

0.01

-0.05

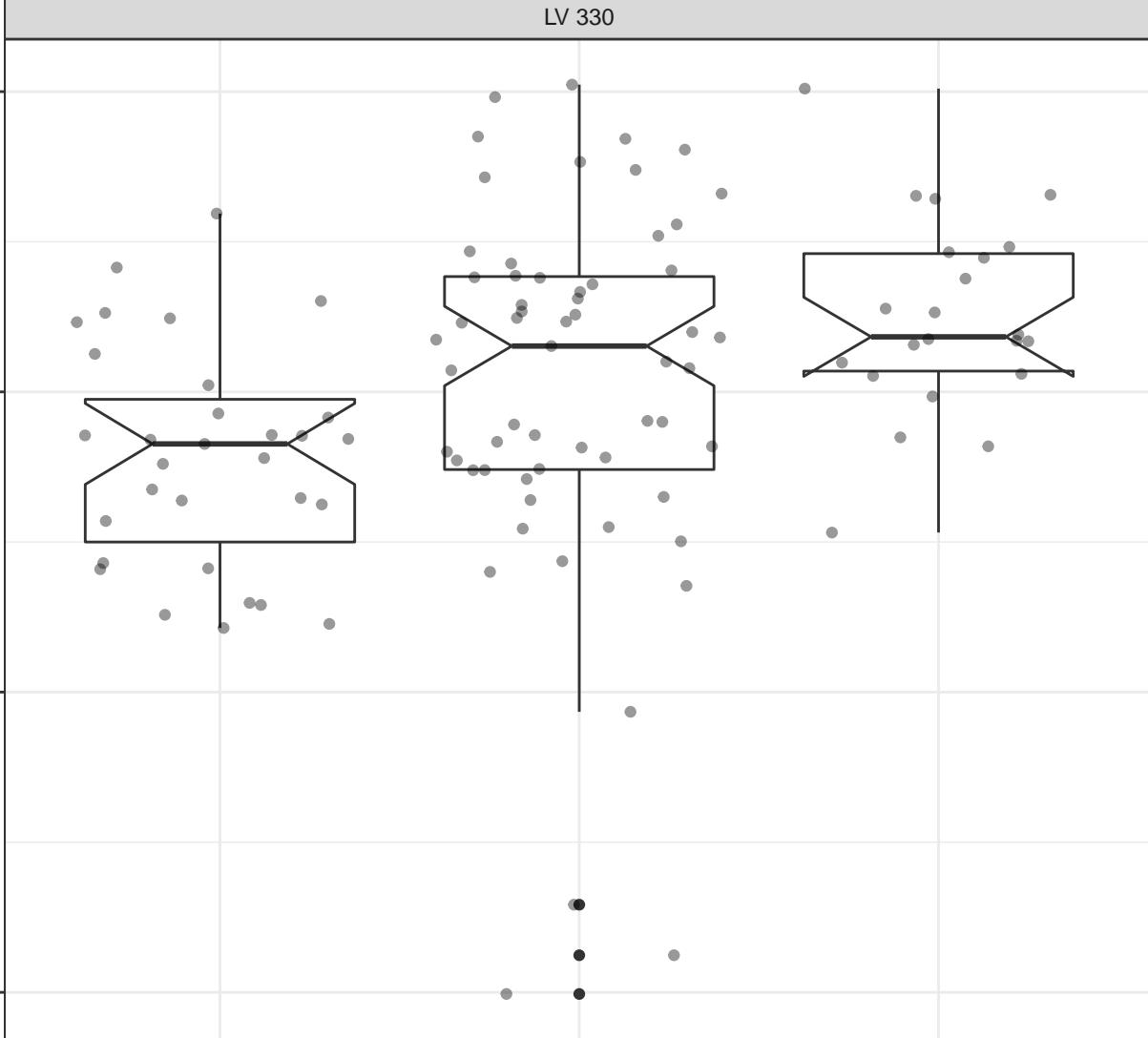
-0.10

Living donor control

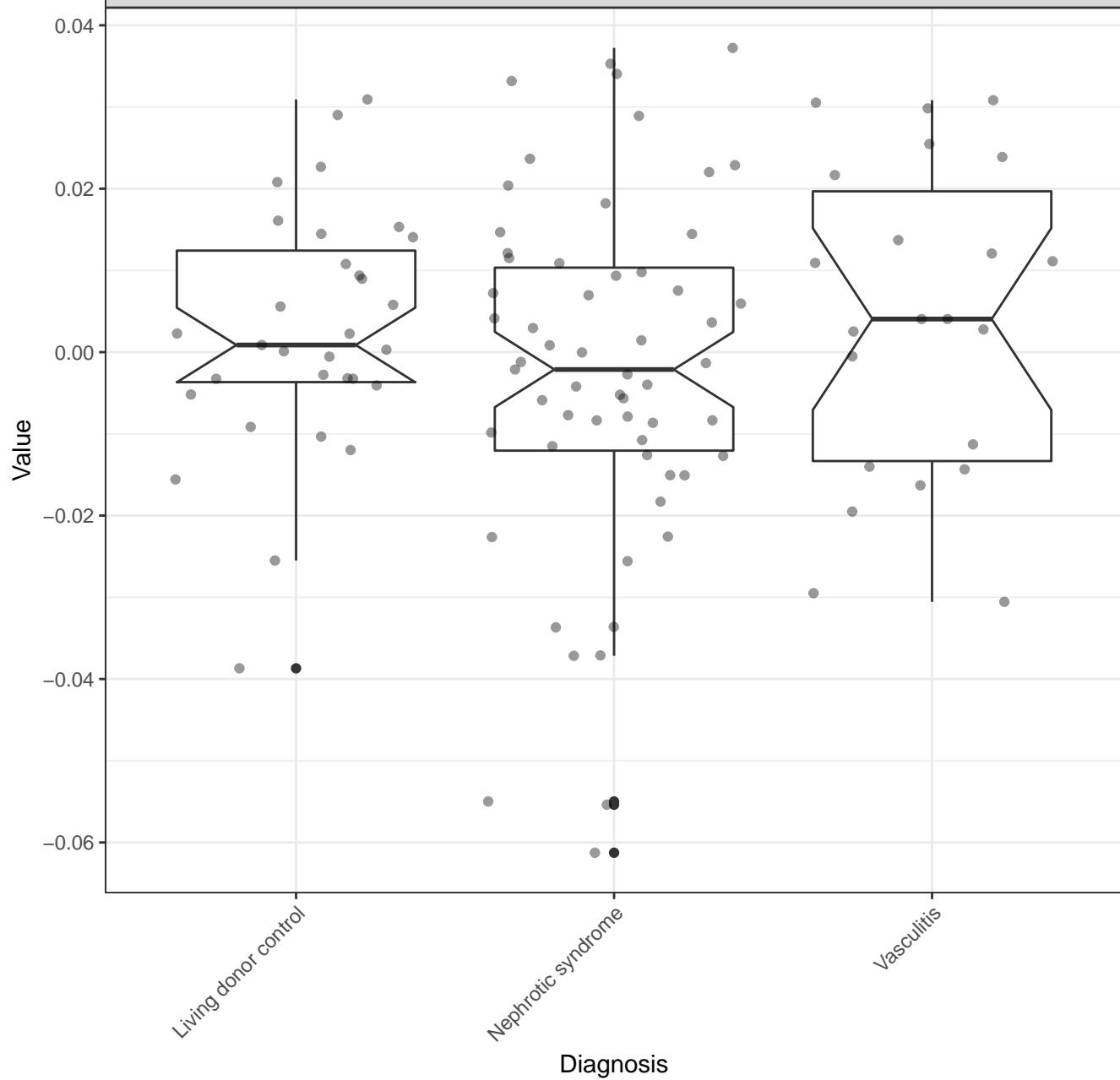
Nephrotic syndrome

Vasculitis

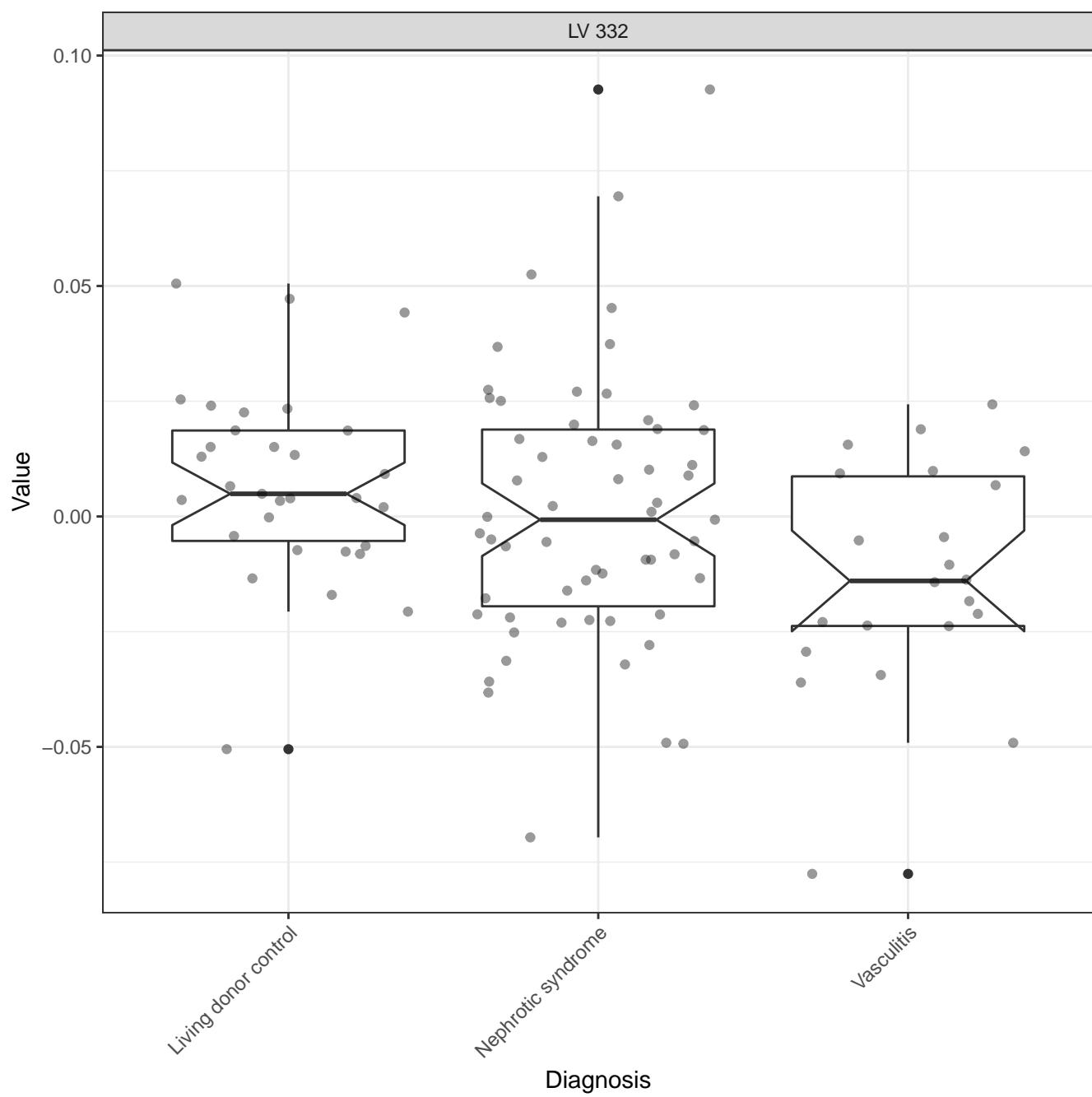
Diagnosis



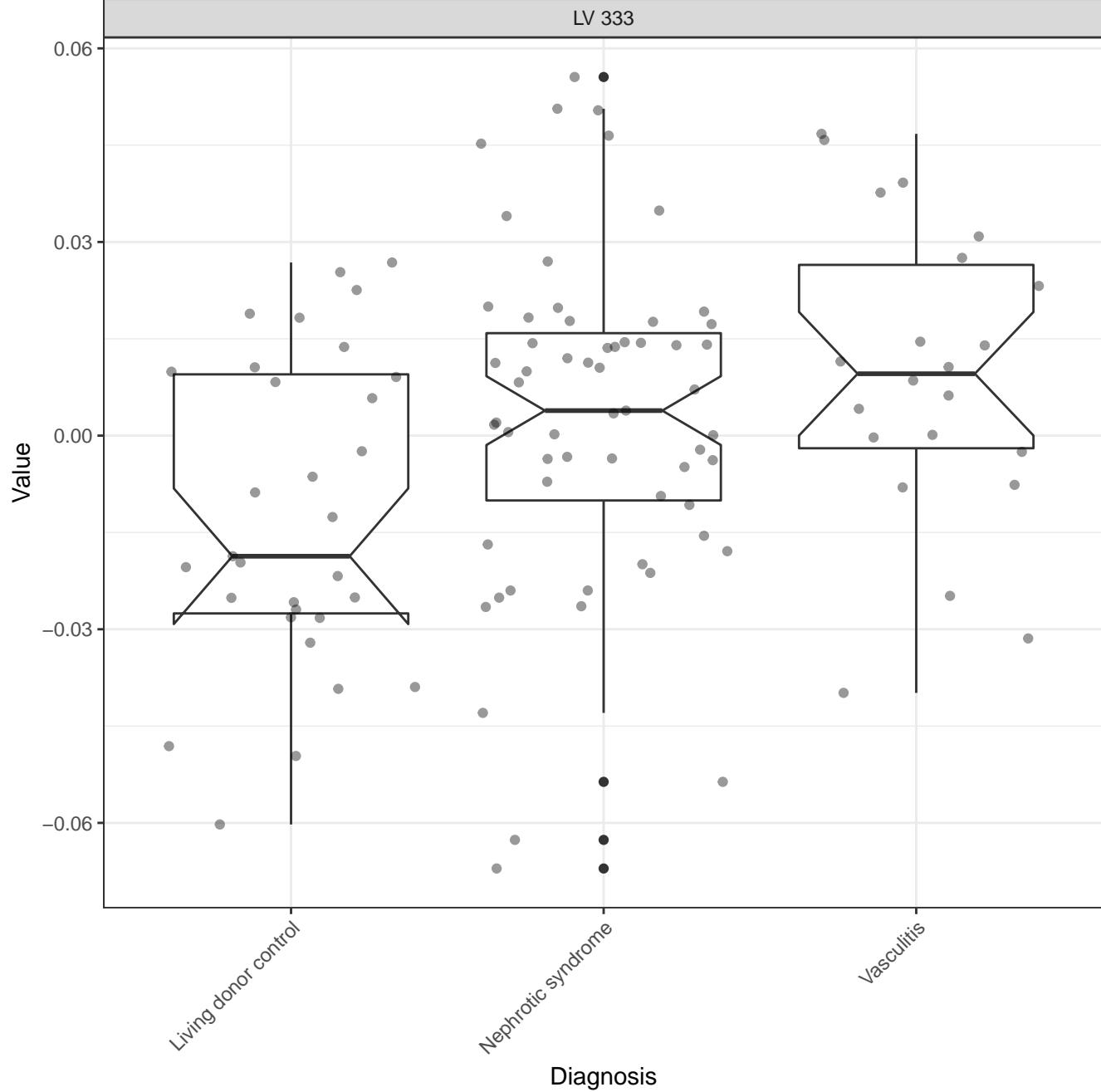
LV 331



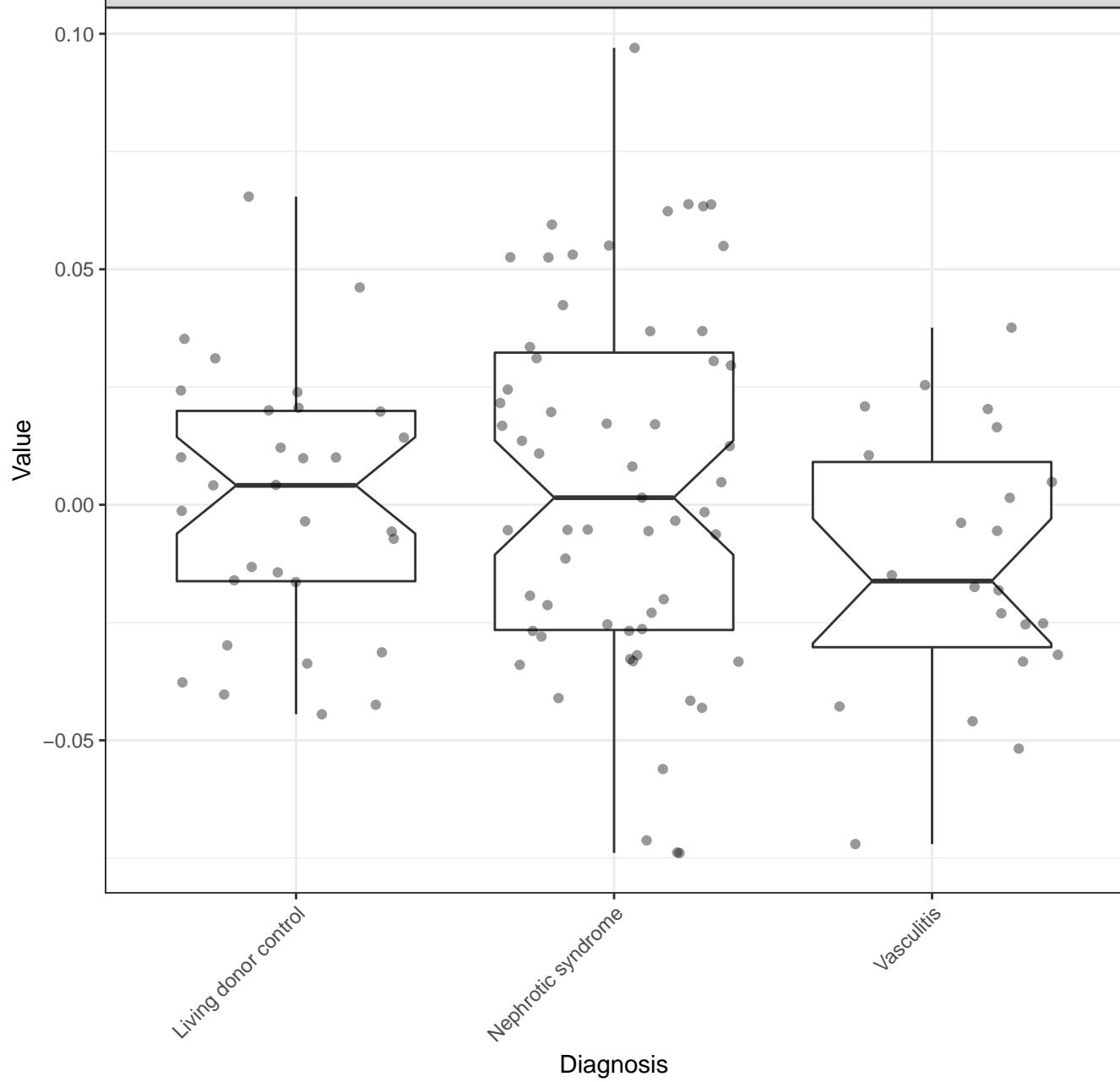
LV 332

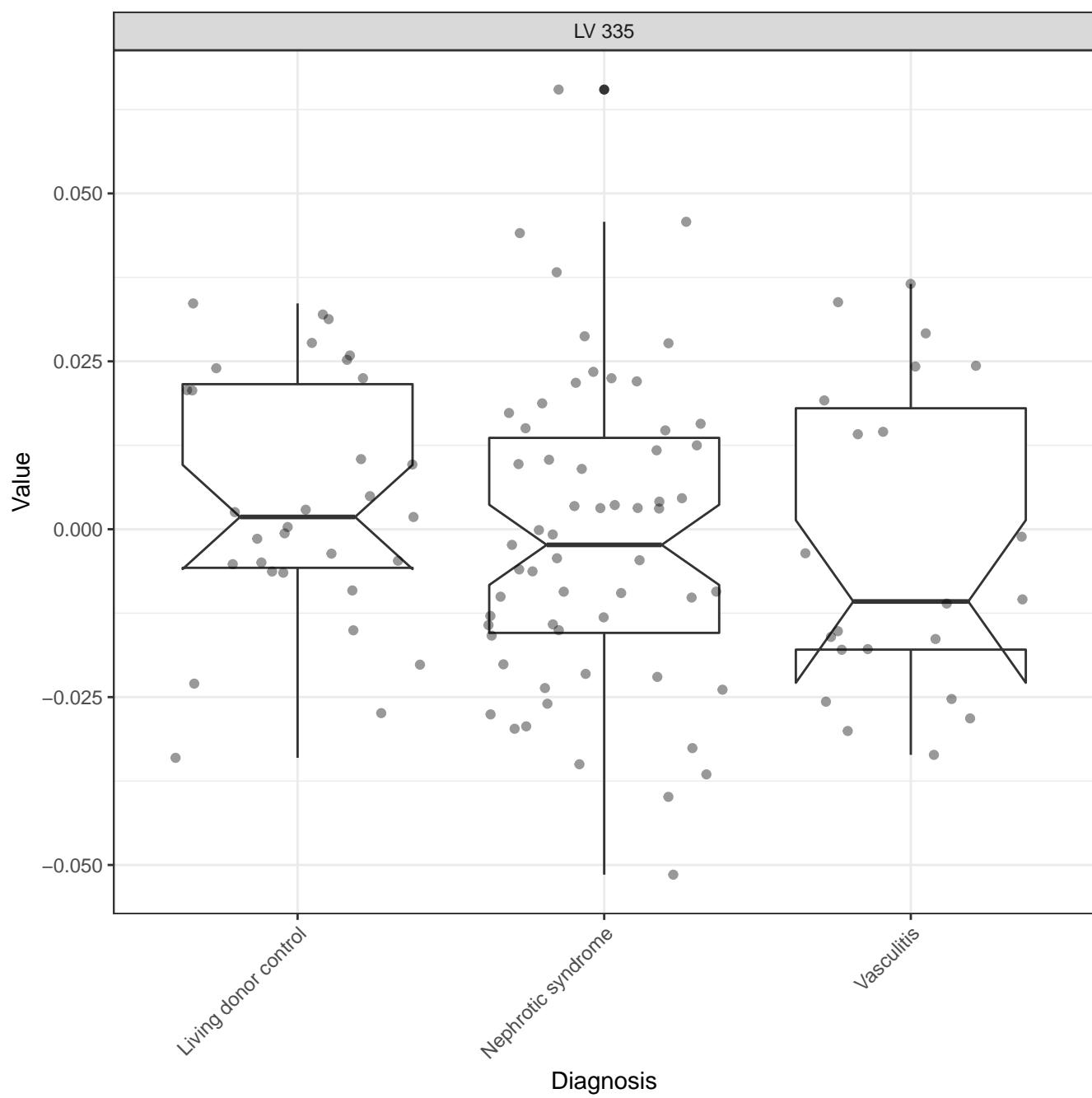


LV 333



LV 334





Value

0.04

0.00

-0.04

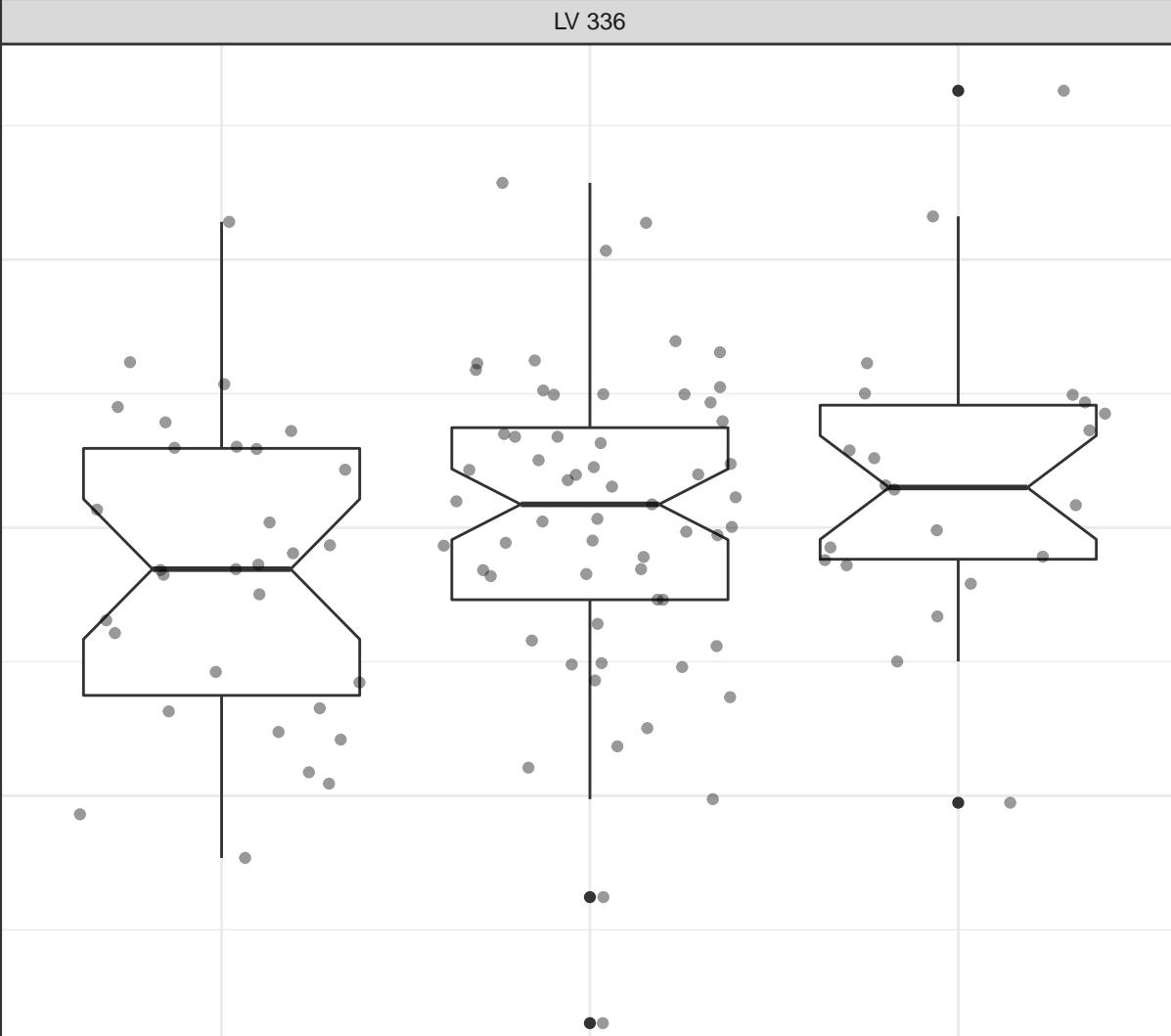
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

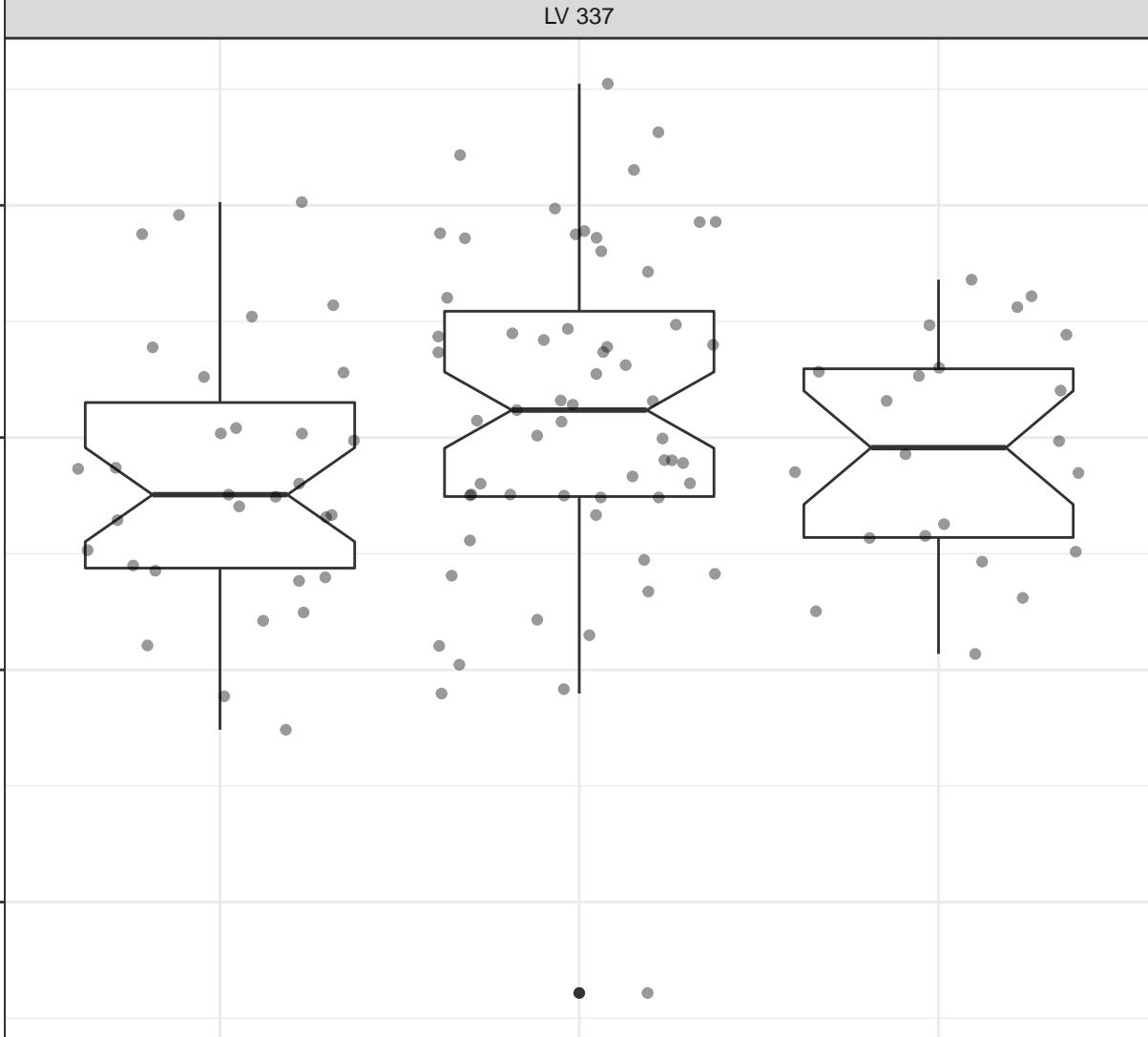
-0.10

Living donor control

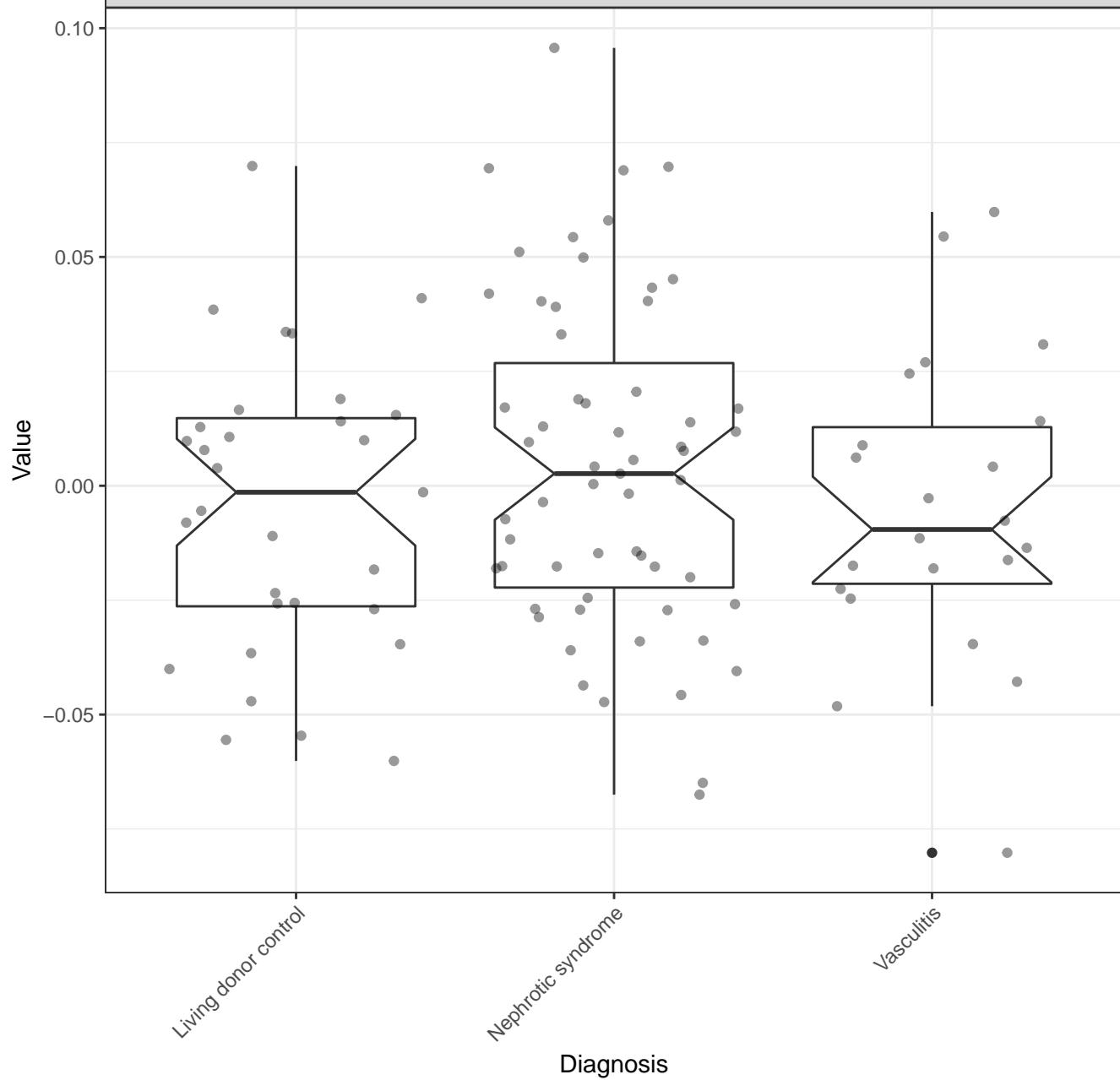
Nephrotic syndrome

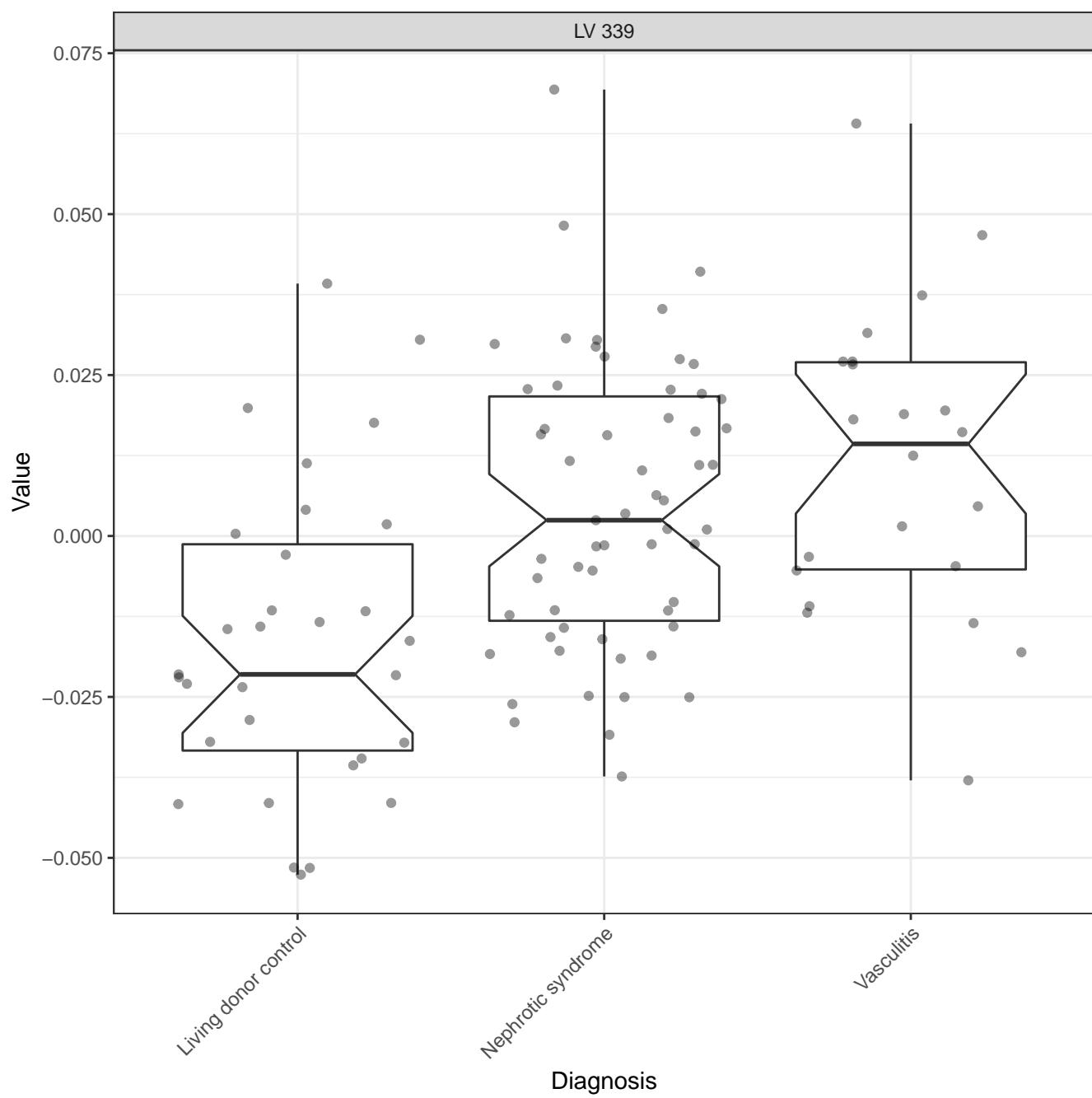
Vasculitis

Diagnosis

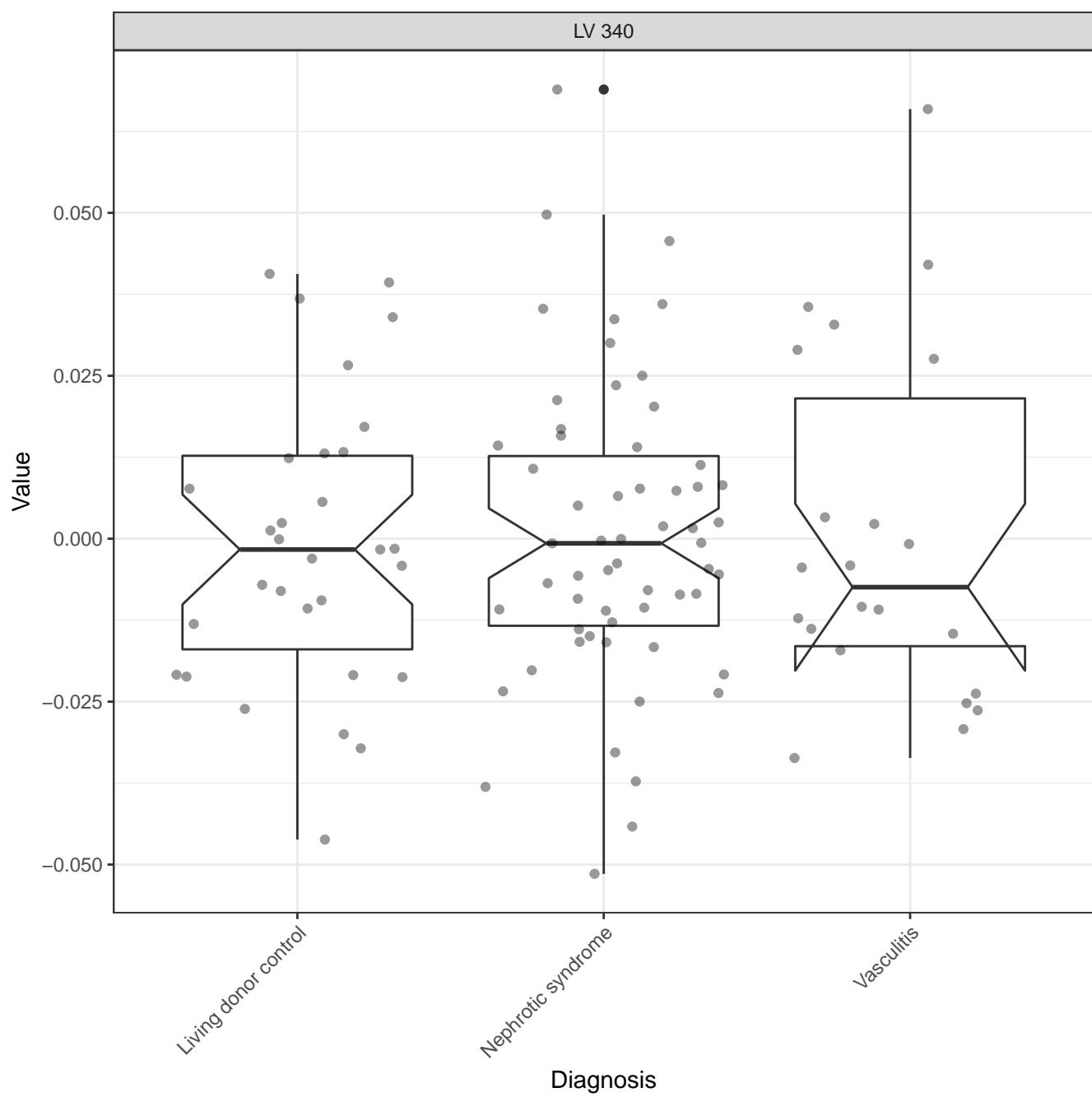


LV 338





LV 340



Value

0.05

0.00

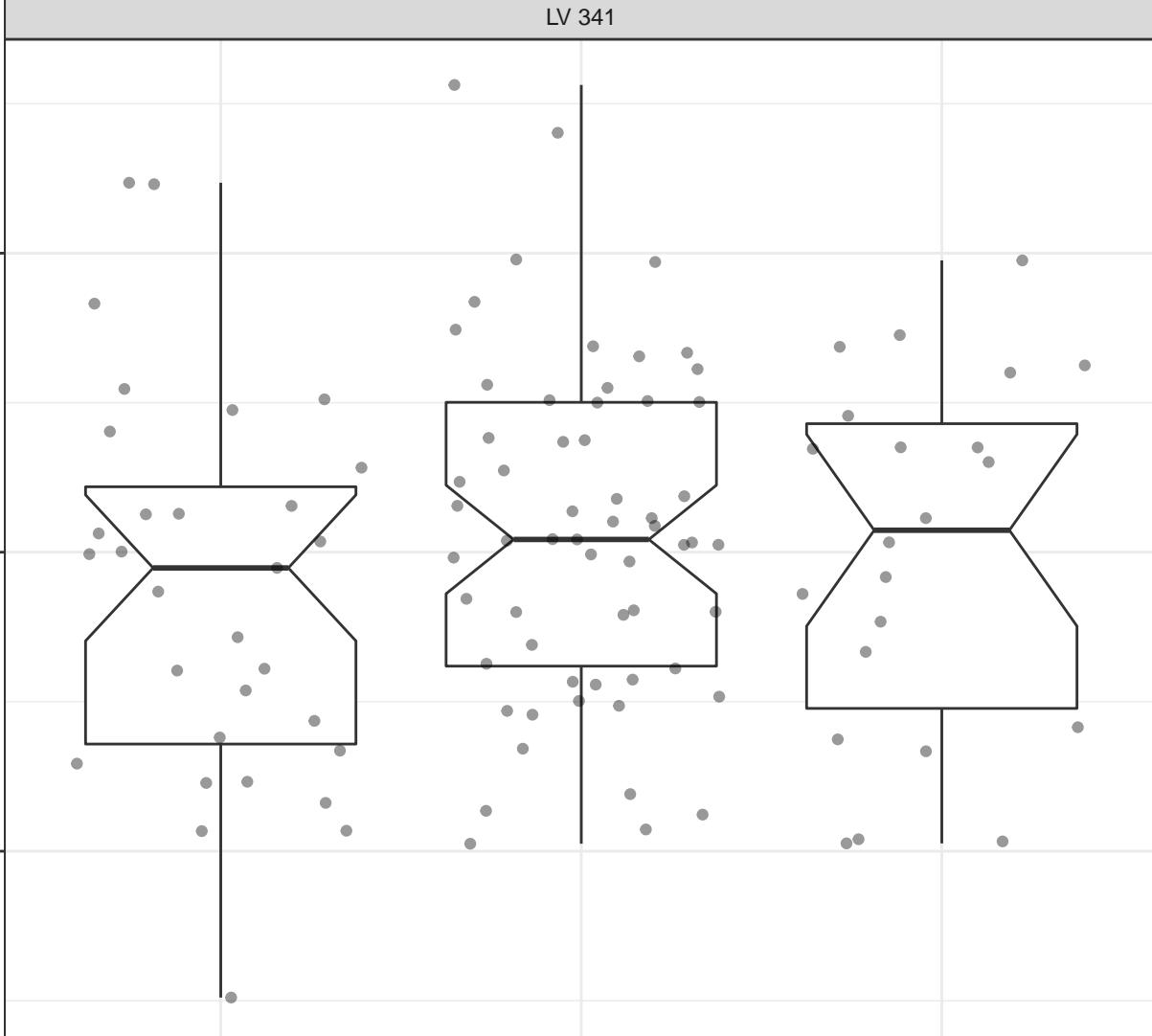
-0.05

Living donor control

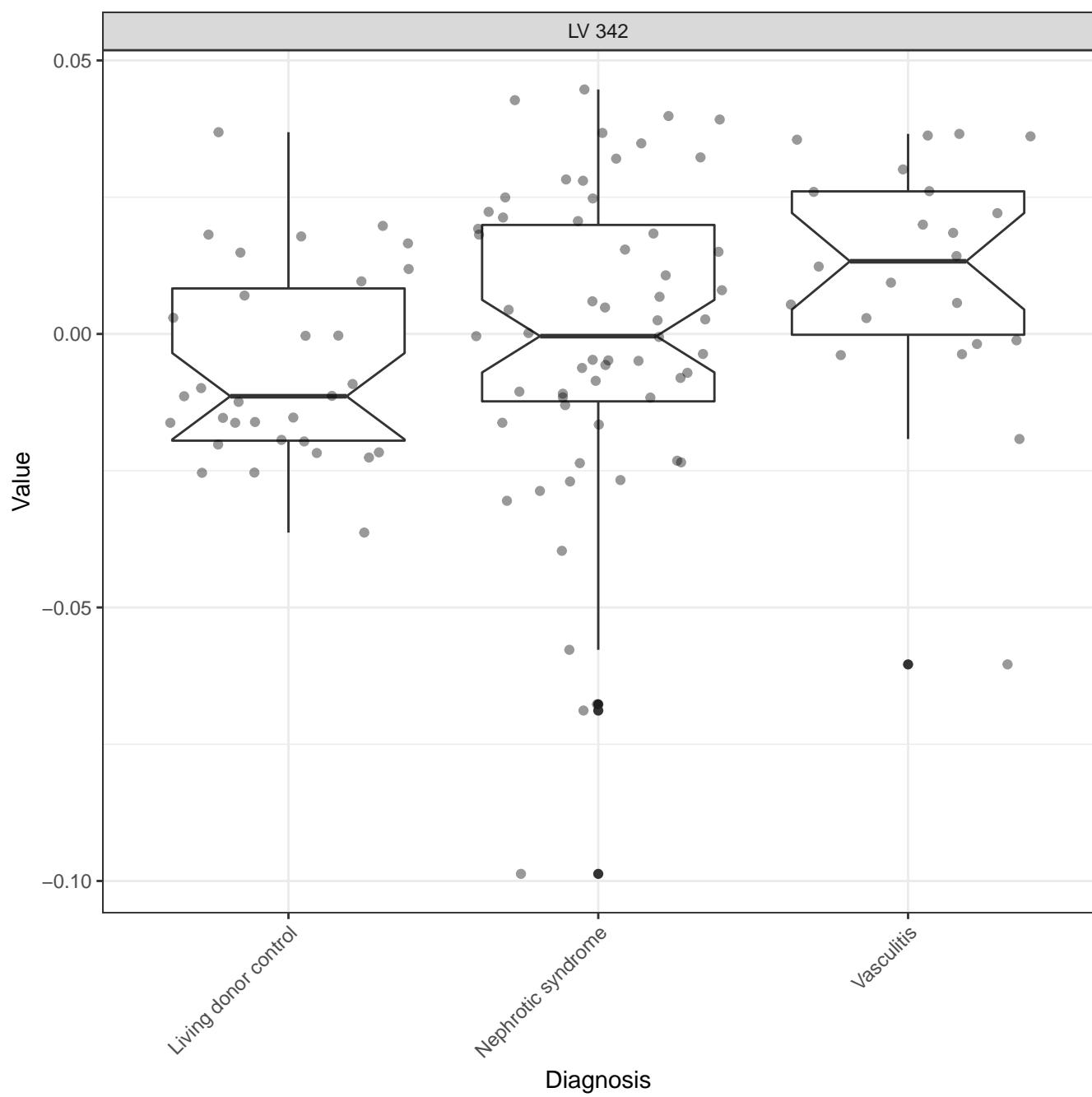
Nephrotic syndrome

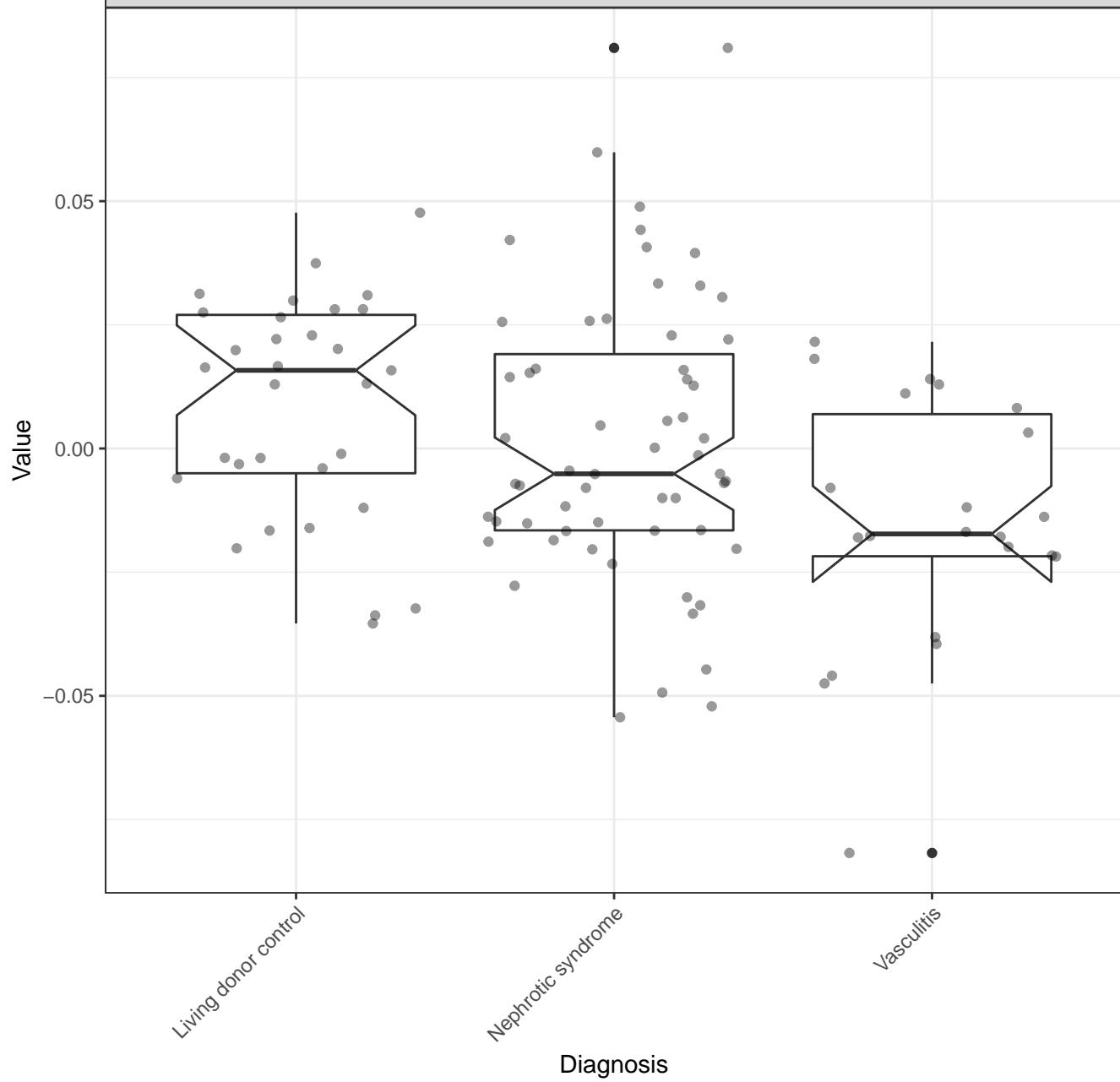
Vasculitis

Diagnosis

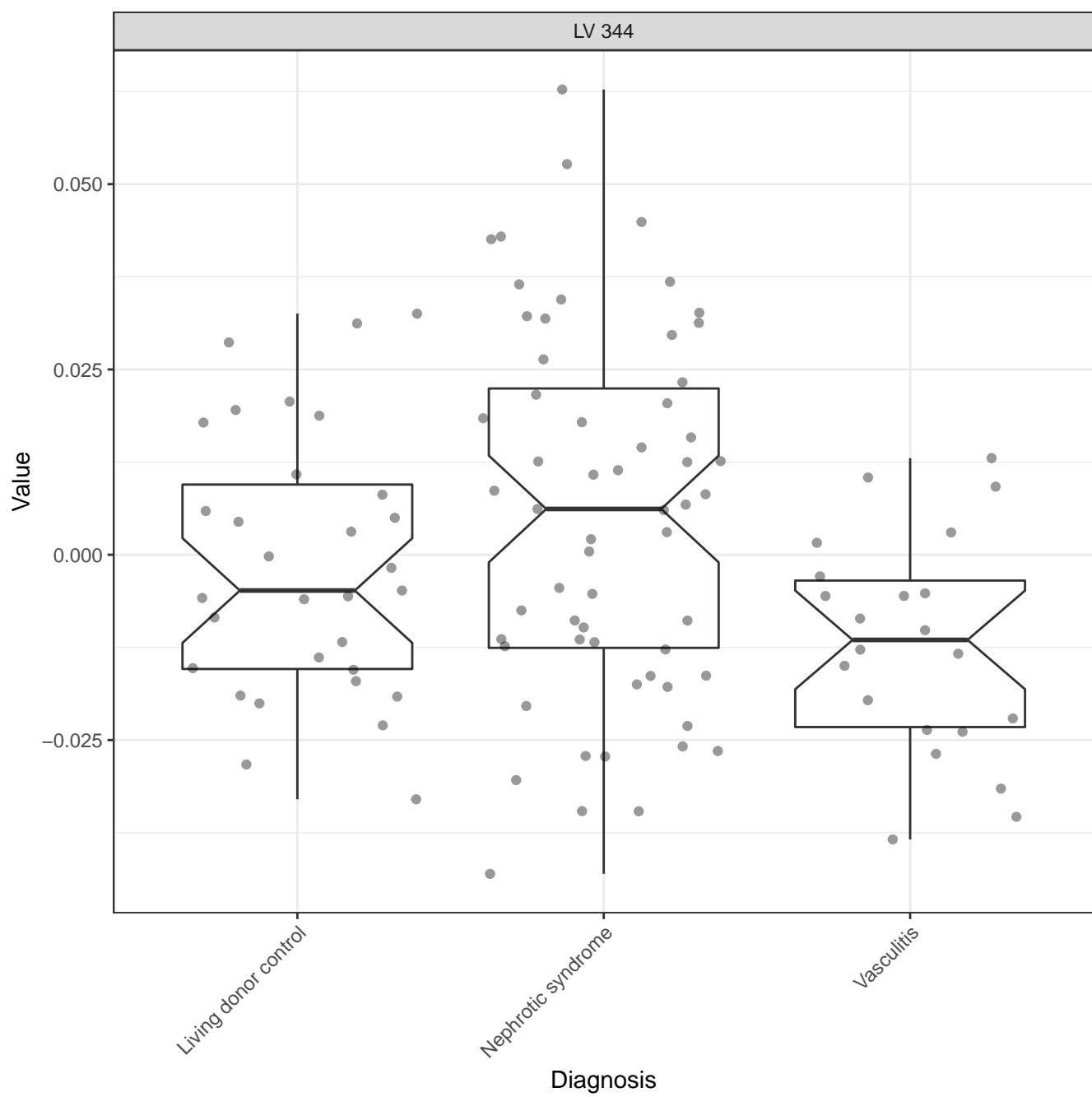


LV 342





LV 344



Value

0.04

0.00

-0.04

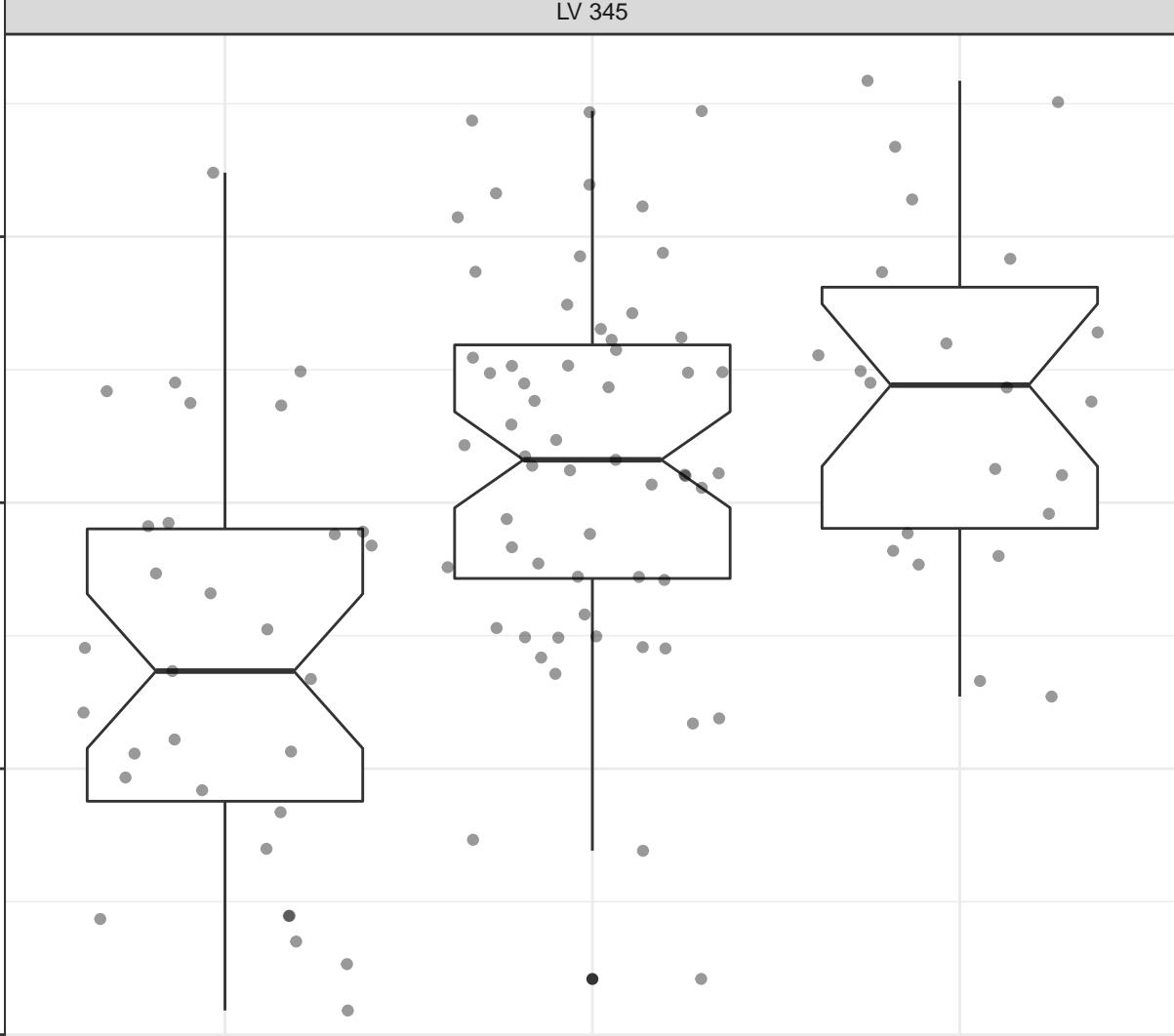
-0.08

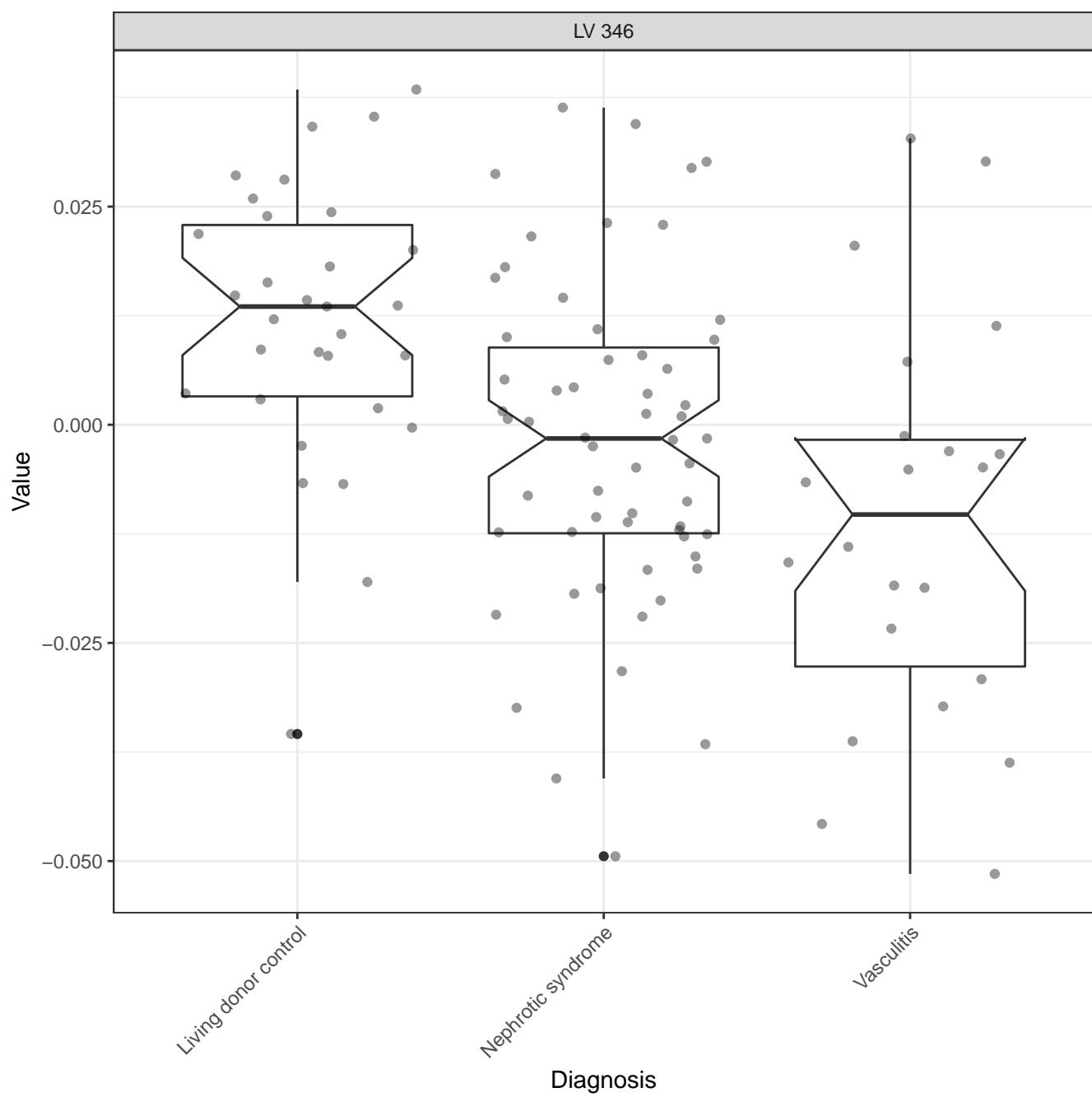
Living donor control

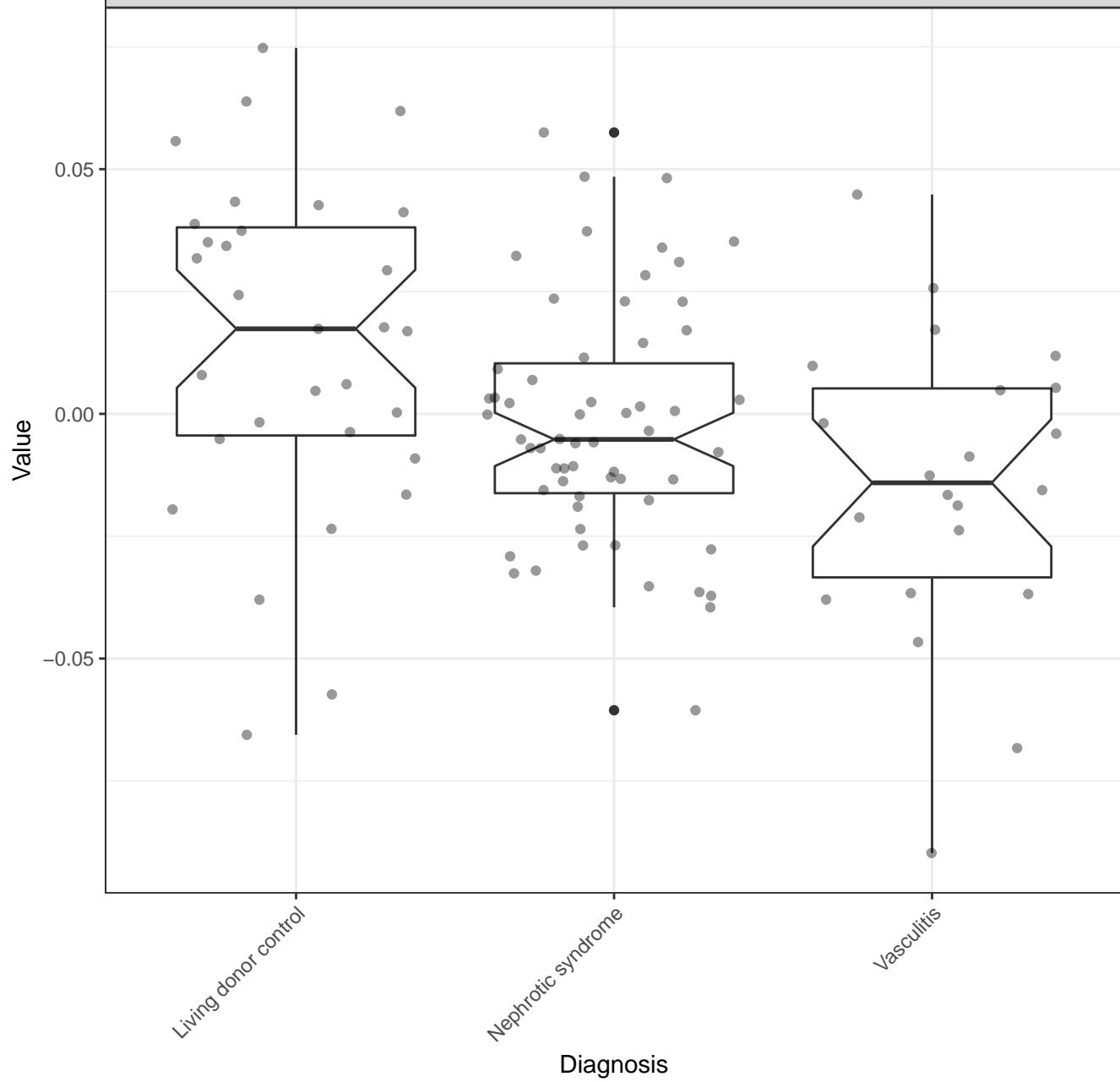
Nephrotic syndrome

Vasculitis

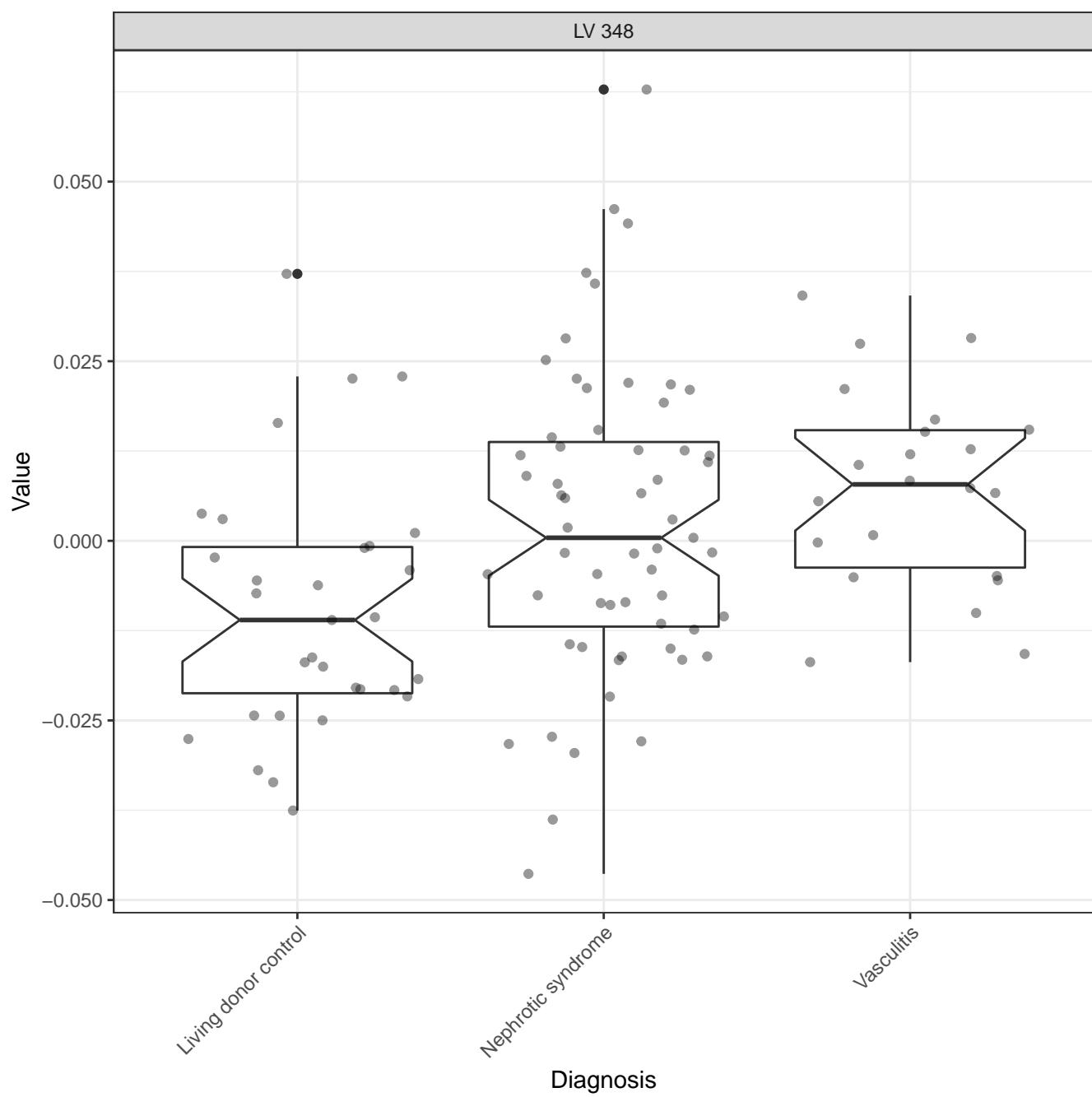
Diagnosis

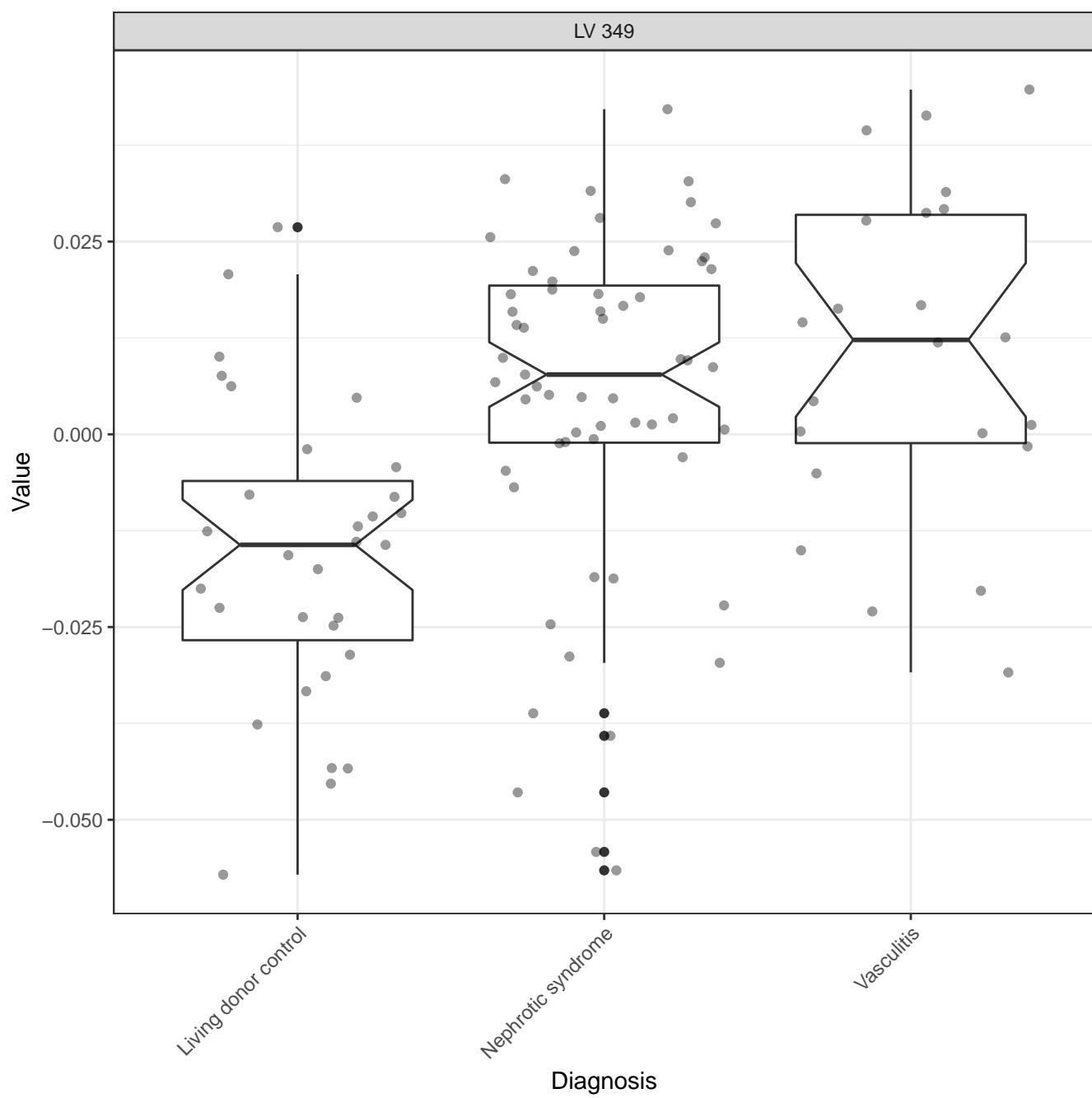






LV 348





LV 350

Value

0.10

0.05

0.00

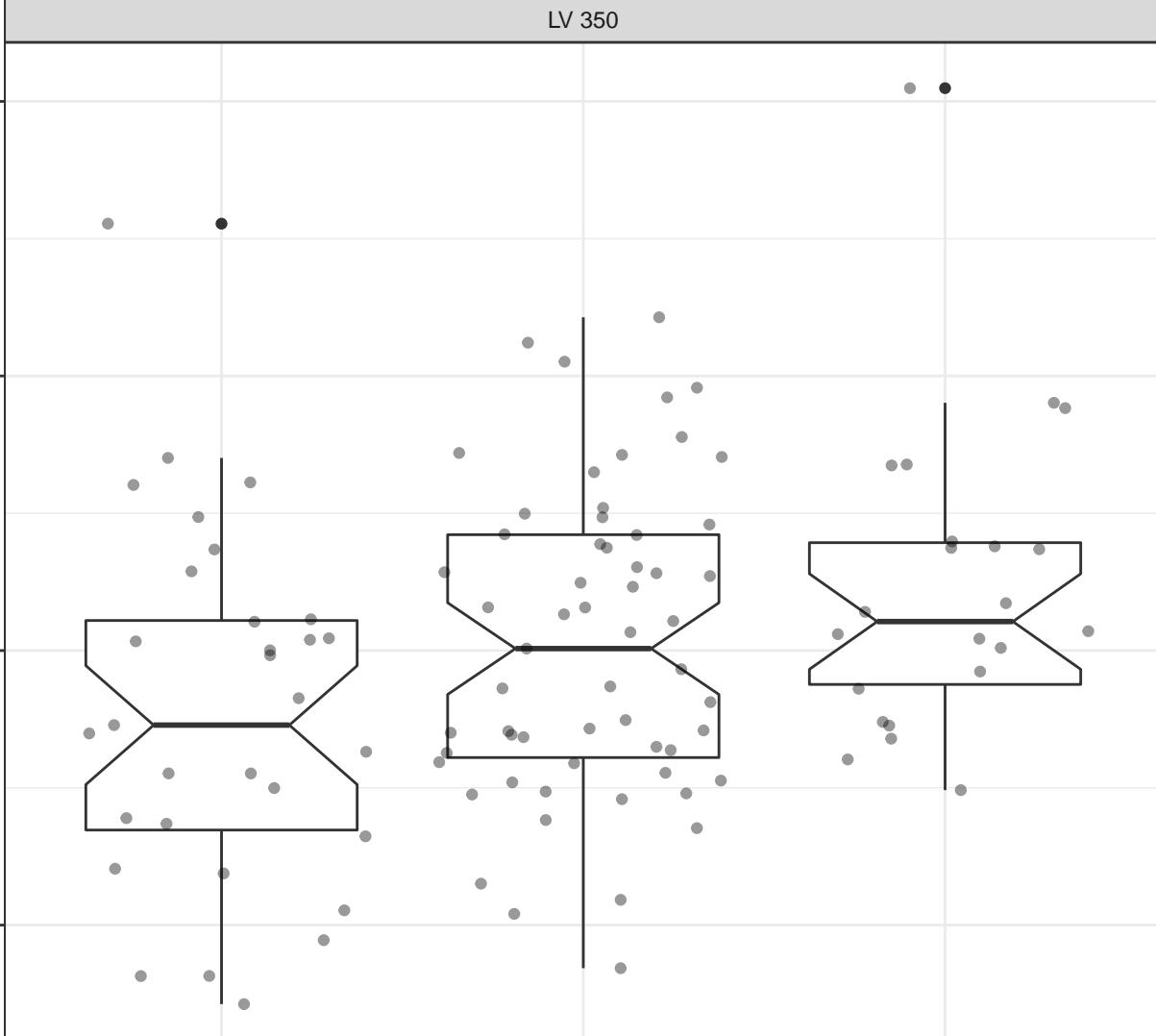
-0.05

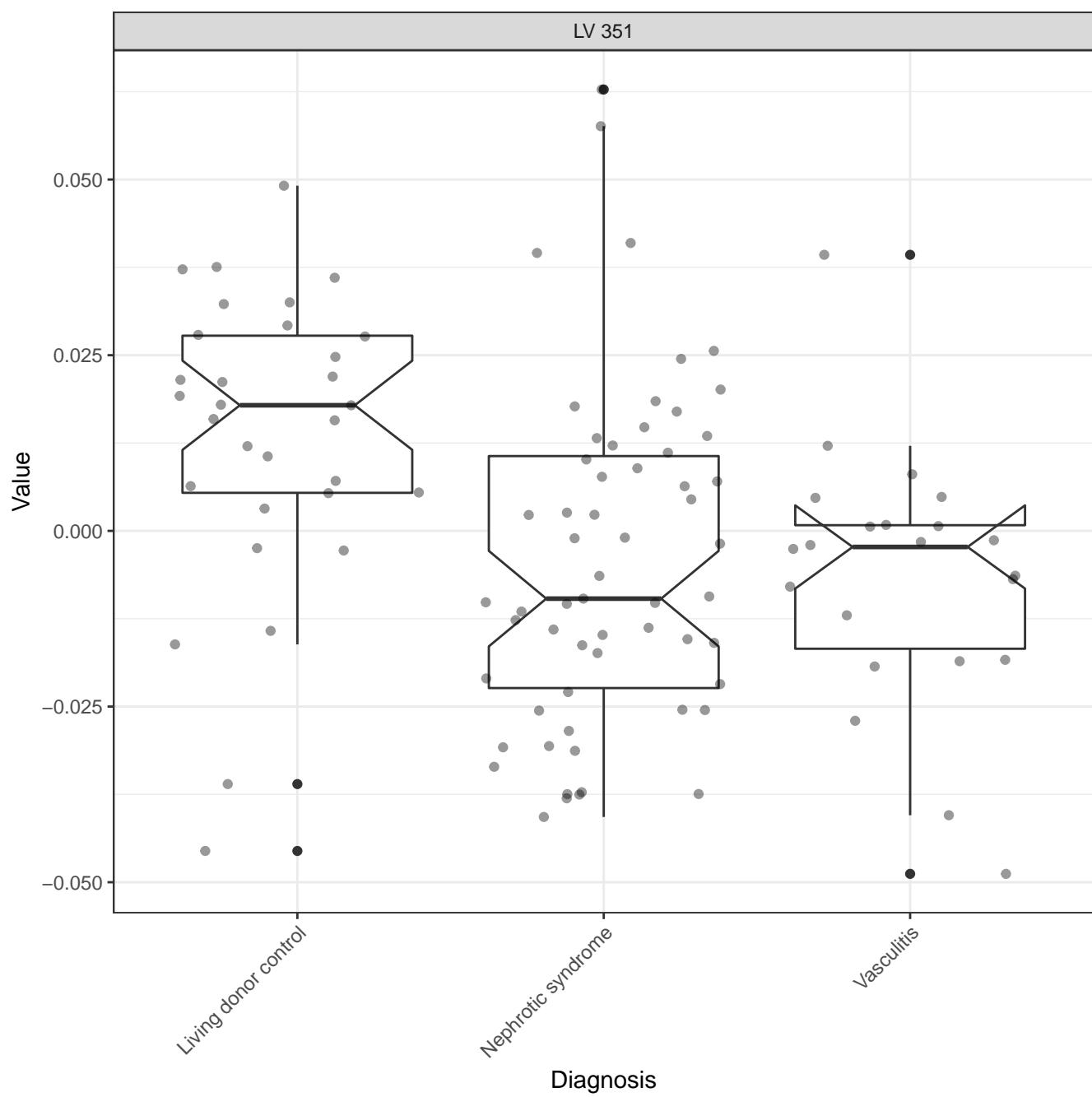
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.05

0.00

-0.05

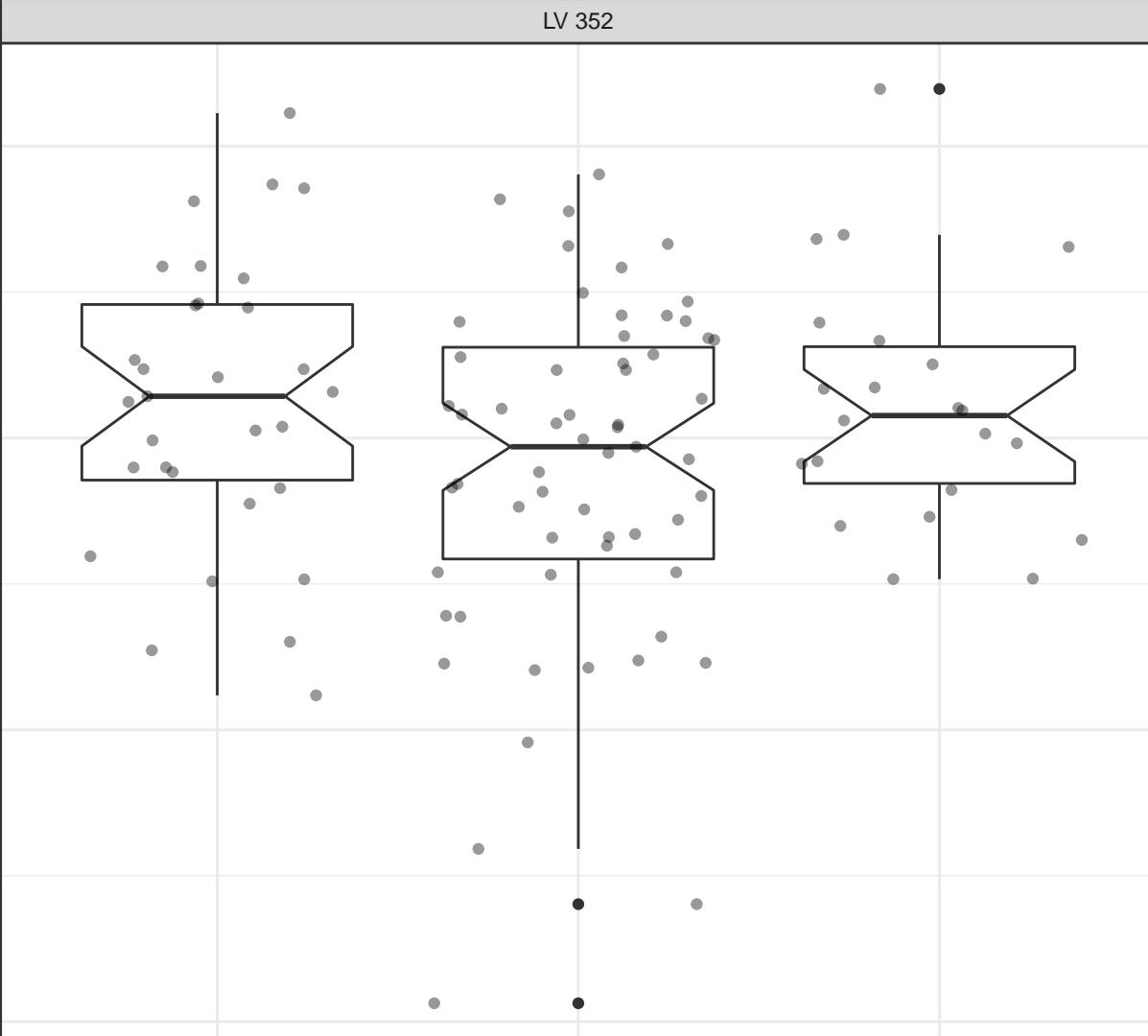
-0.10

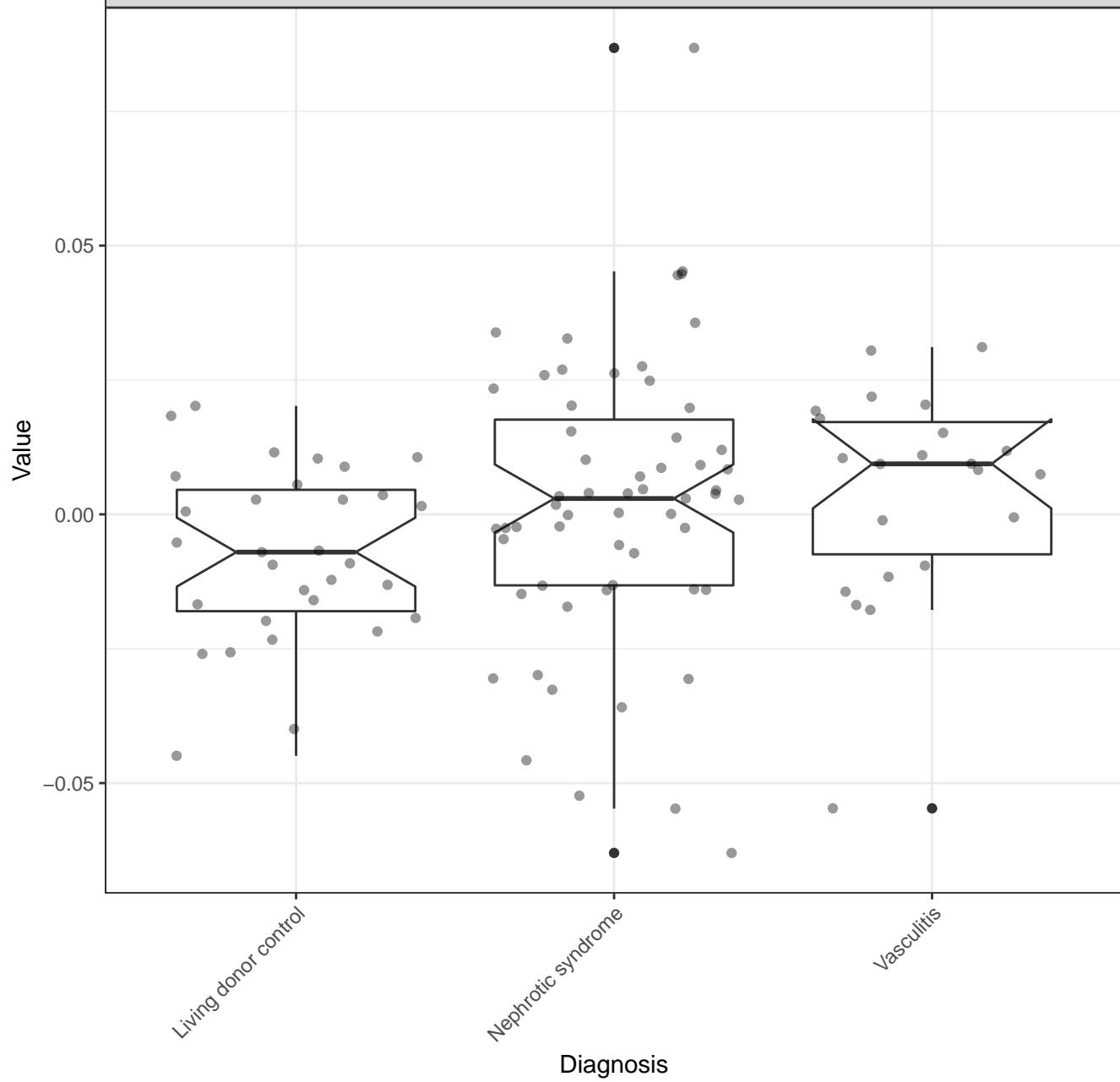
Living donor control

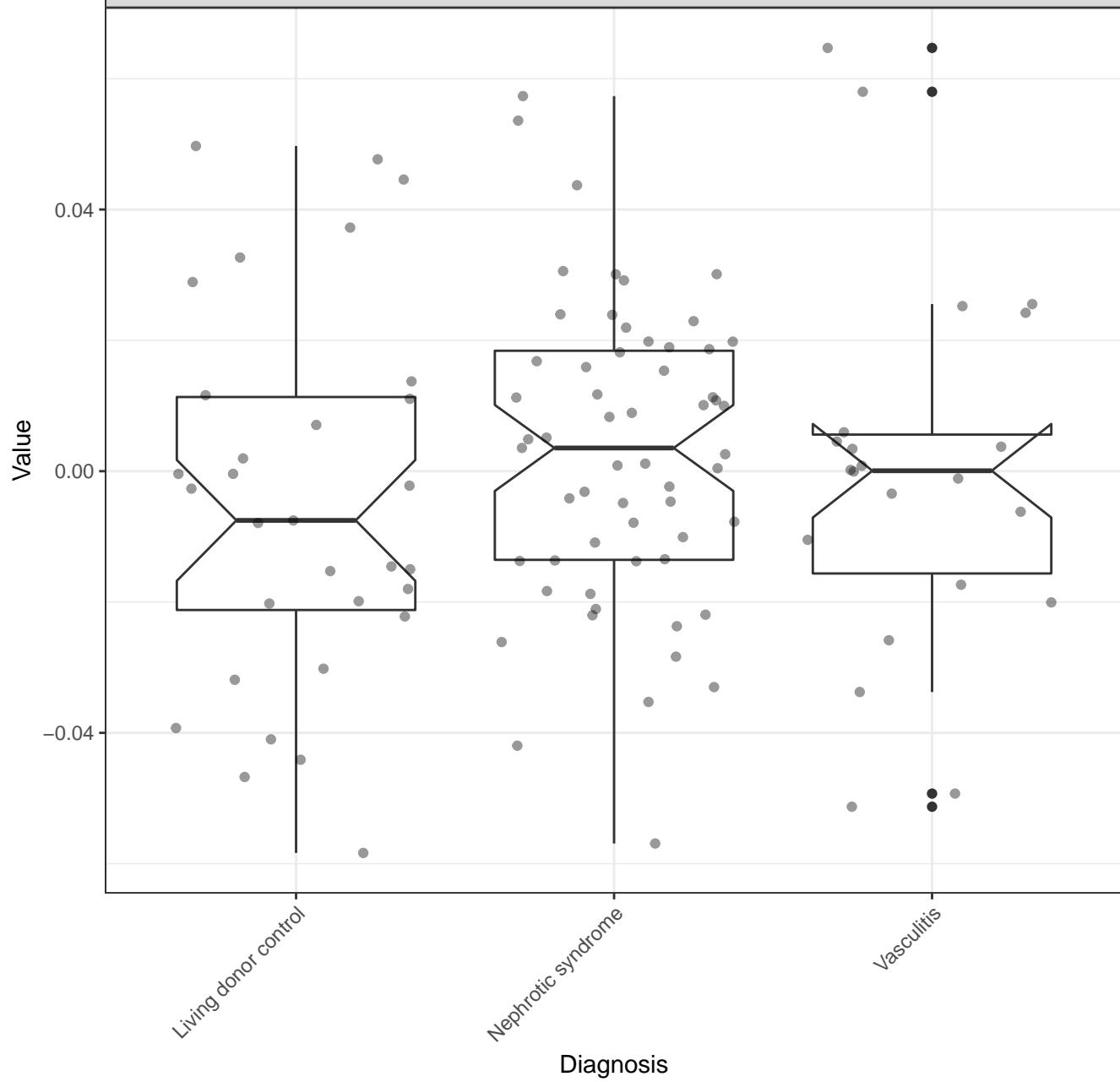
Nephrotic syndrome

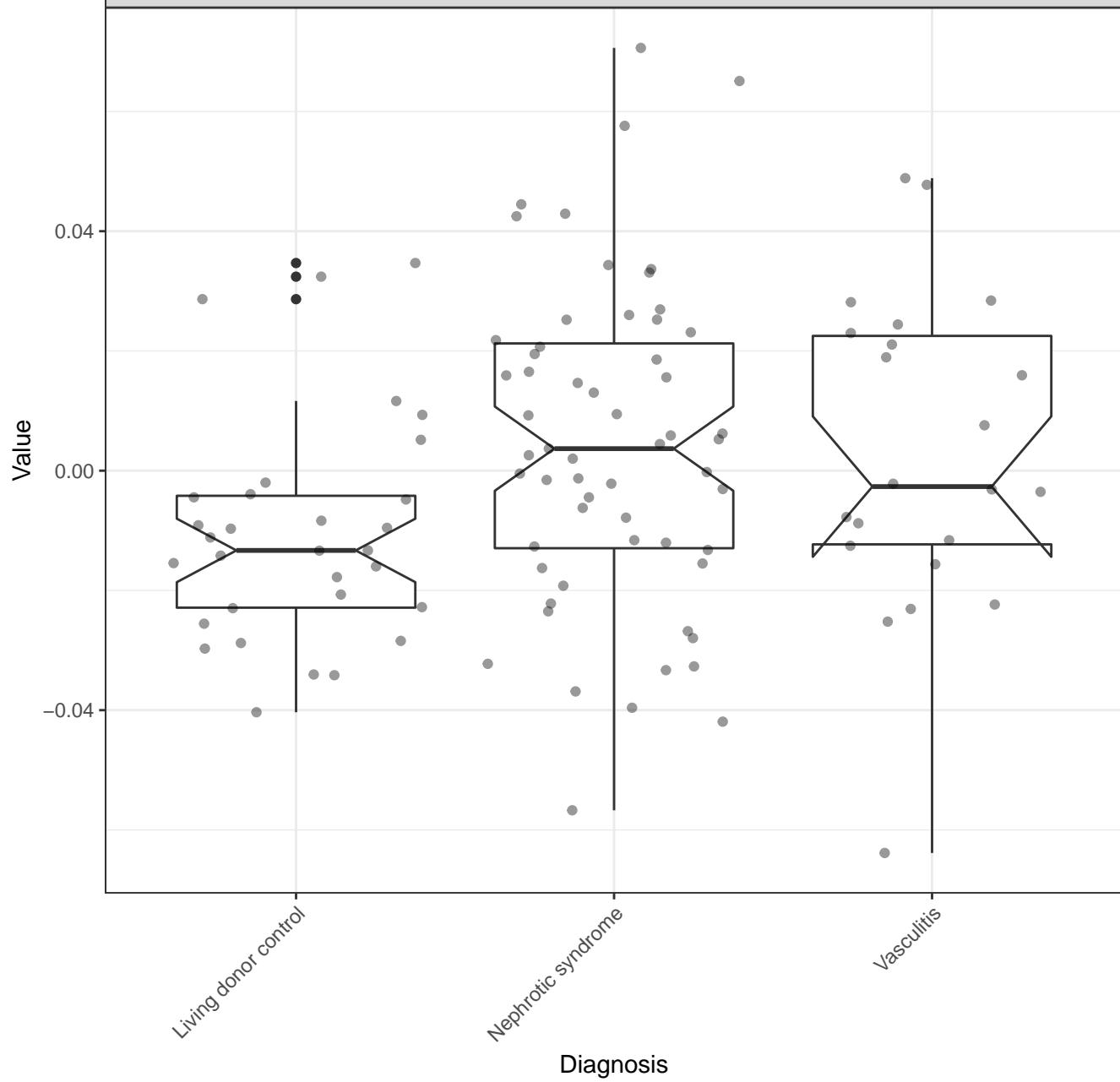
Vasculitis

Diagnosis









## 356,REACTOME\_TRANSCRIPATIONAL\_ACTIVITY\_OF\_SMAD2\_SMAD3\_SMAD4\_HETEROTRIMMER

Value

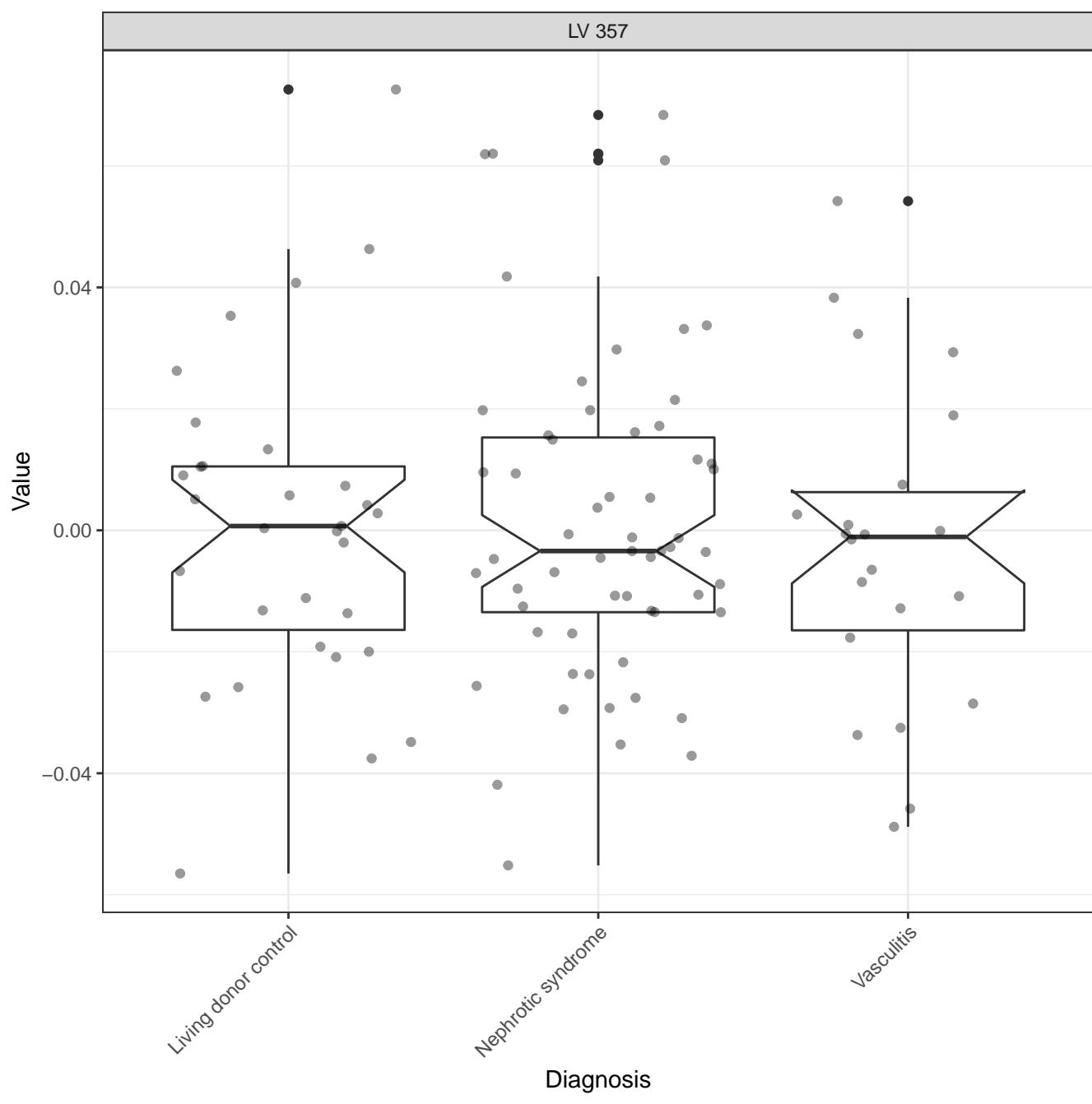
0.050  
0.025  
0.000  
-0.025  
-0.050  
-0.075

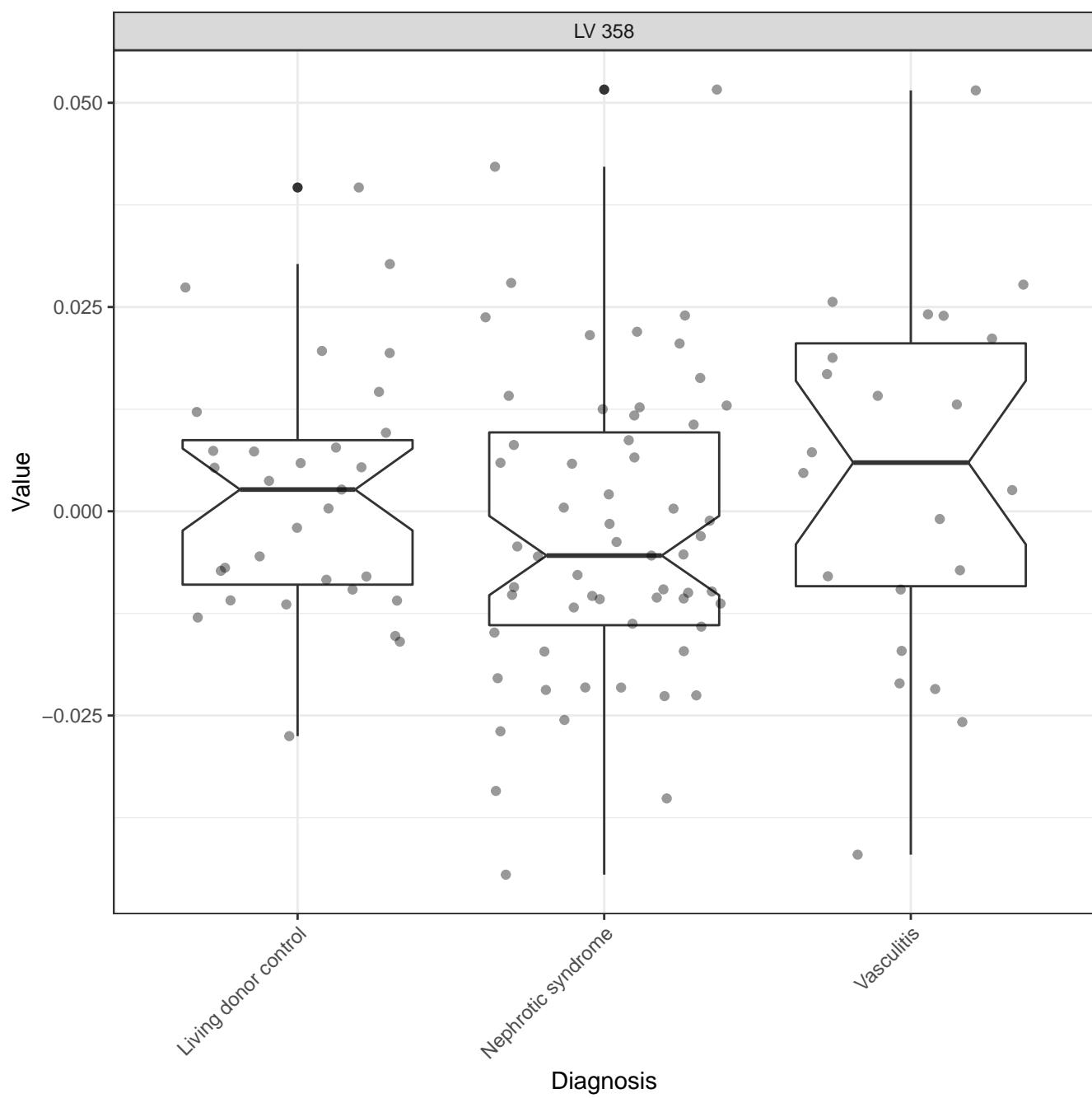
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.05

0.00

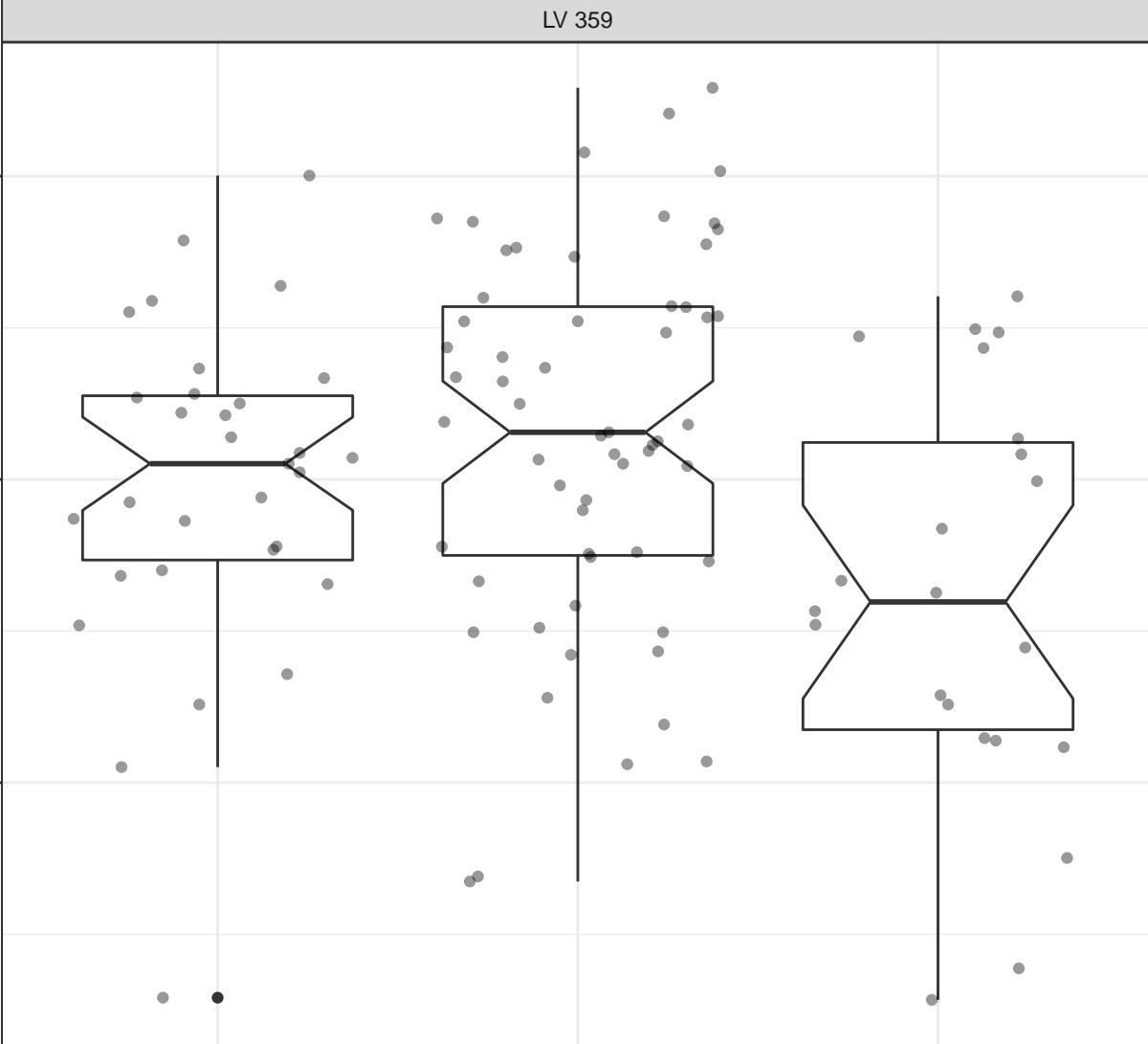
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.05

0.00

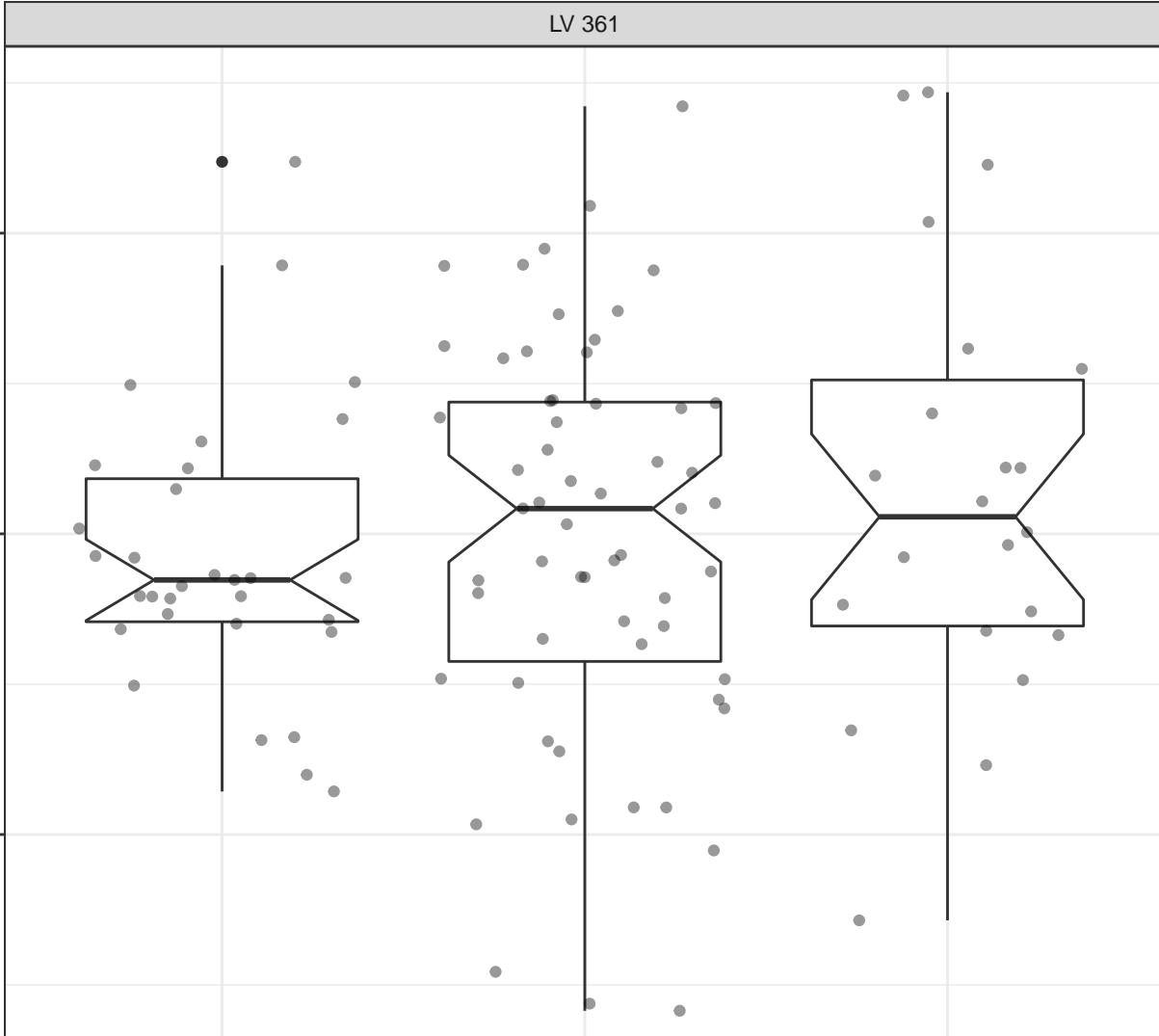
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

-0.08

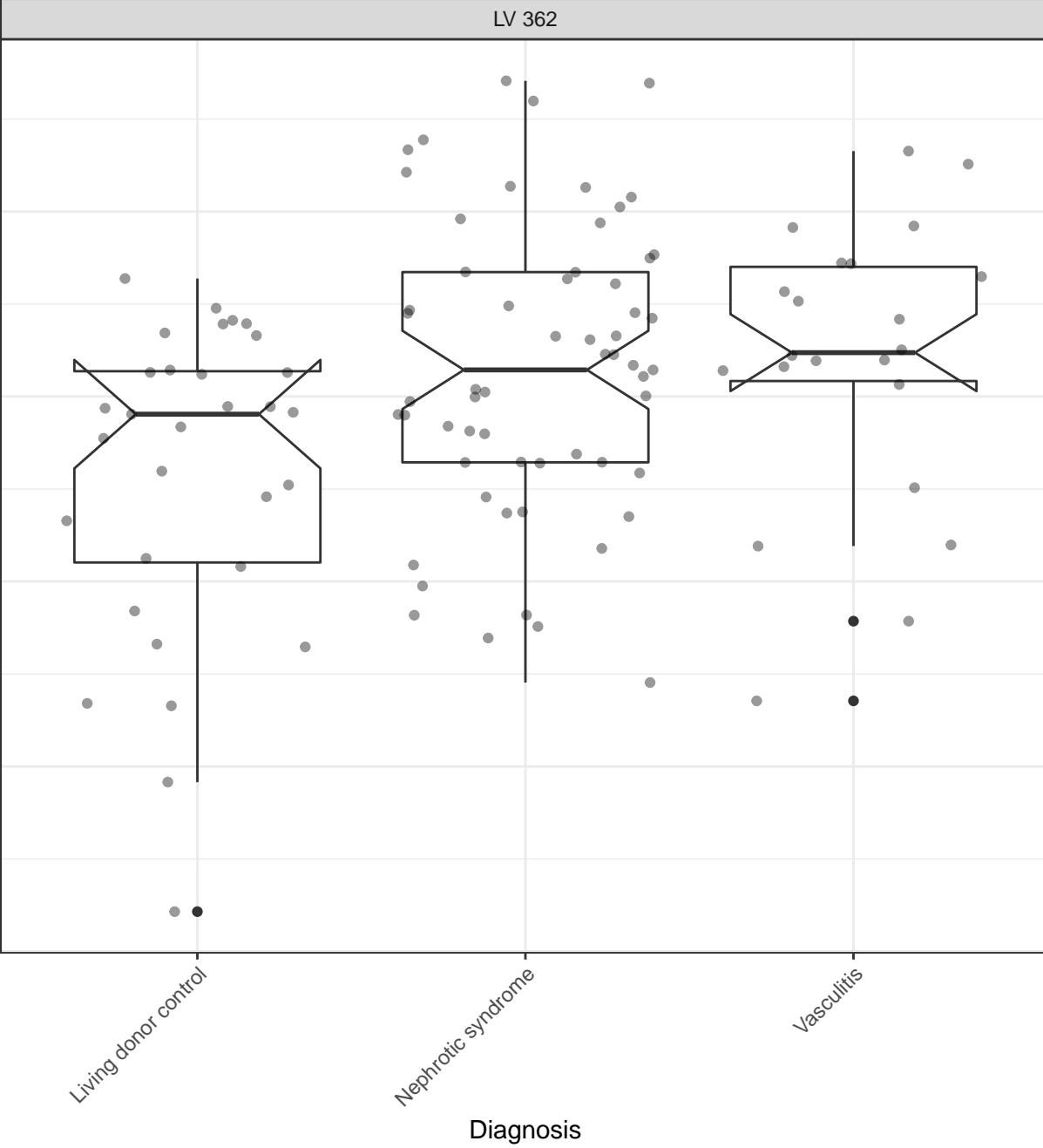
-0.12

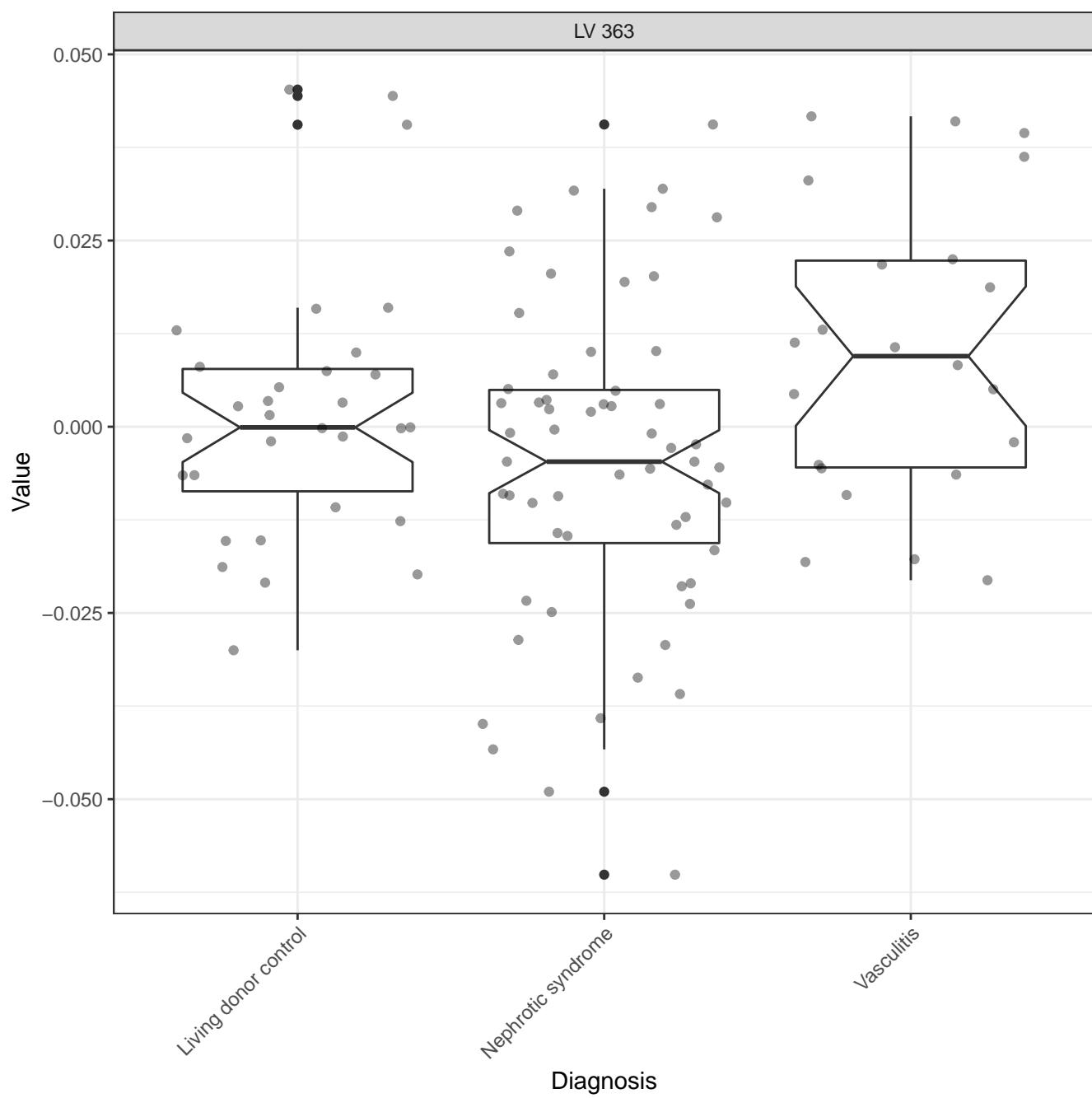
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.05

0.00

-0.05

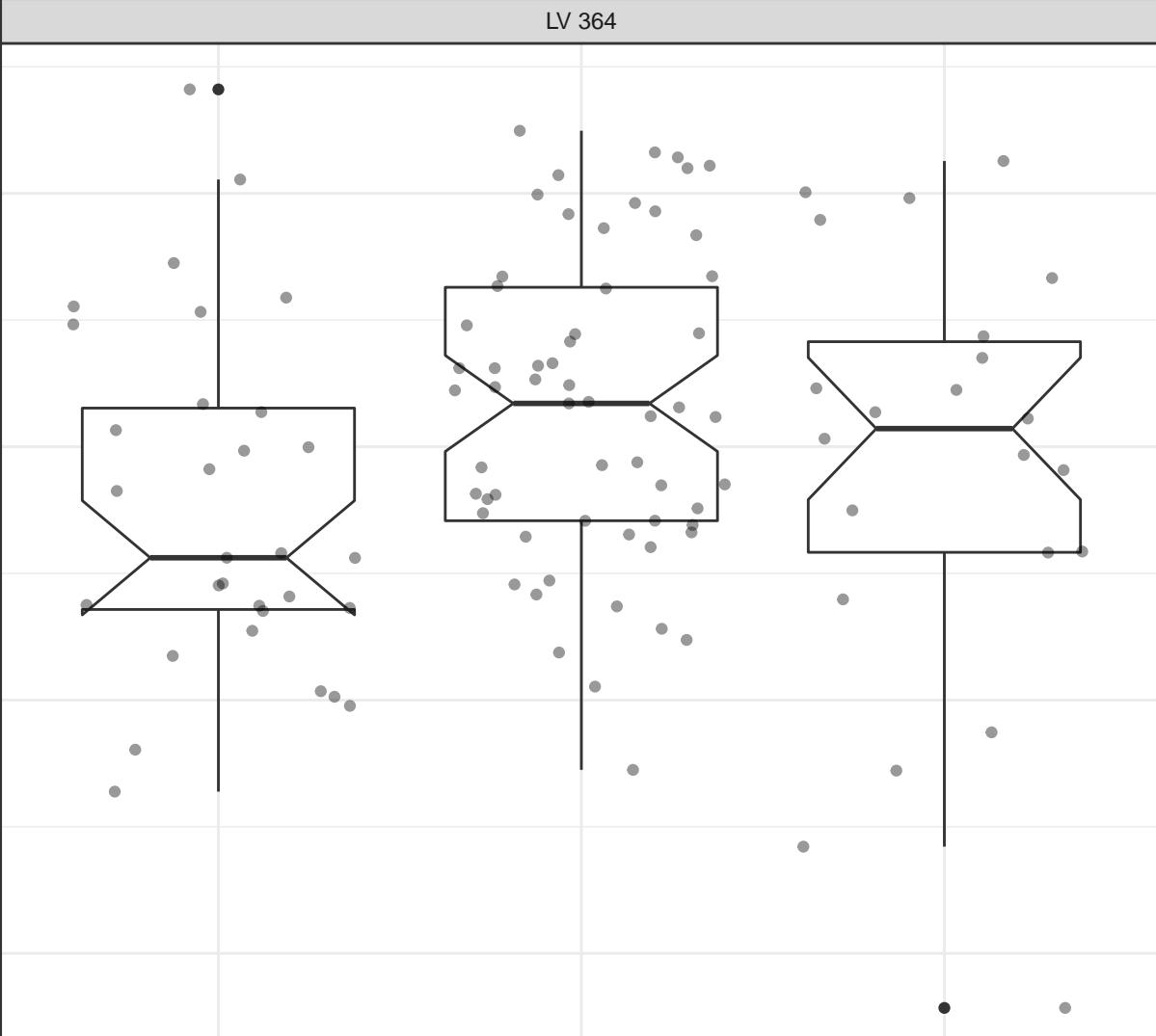
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.10

0.05

0.00

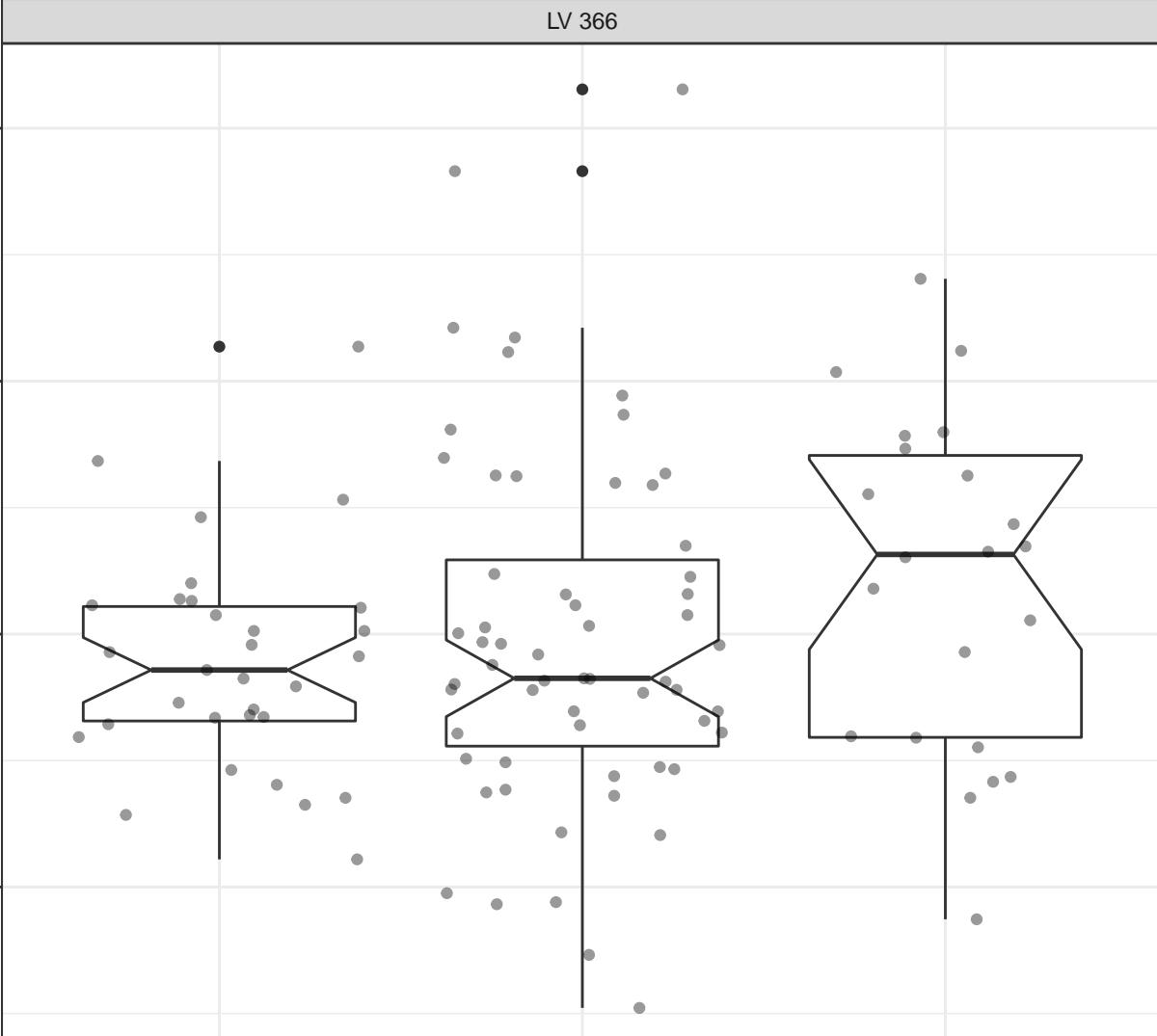
-0.05

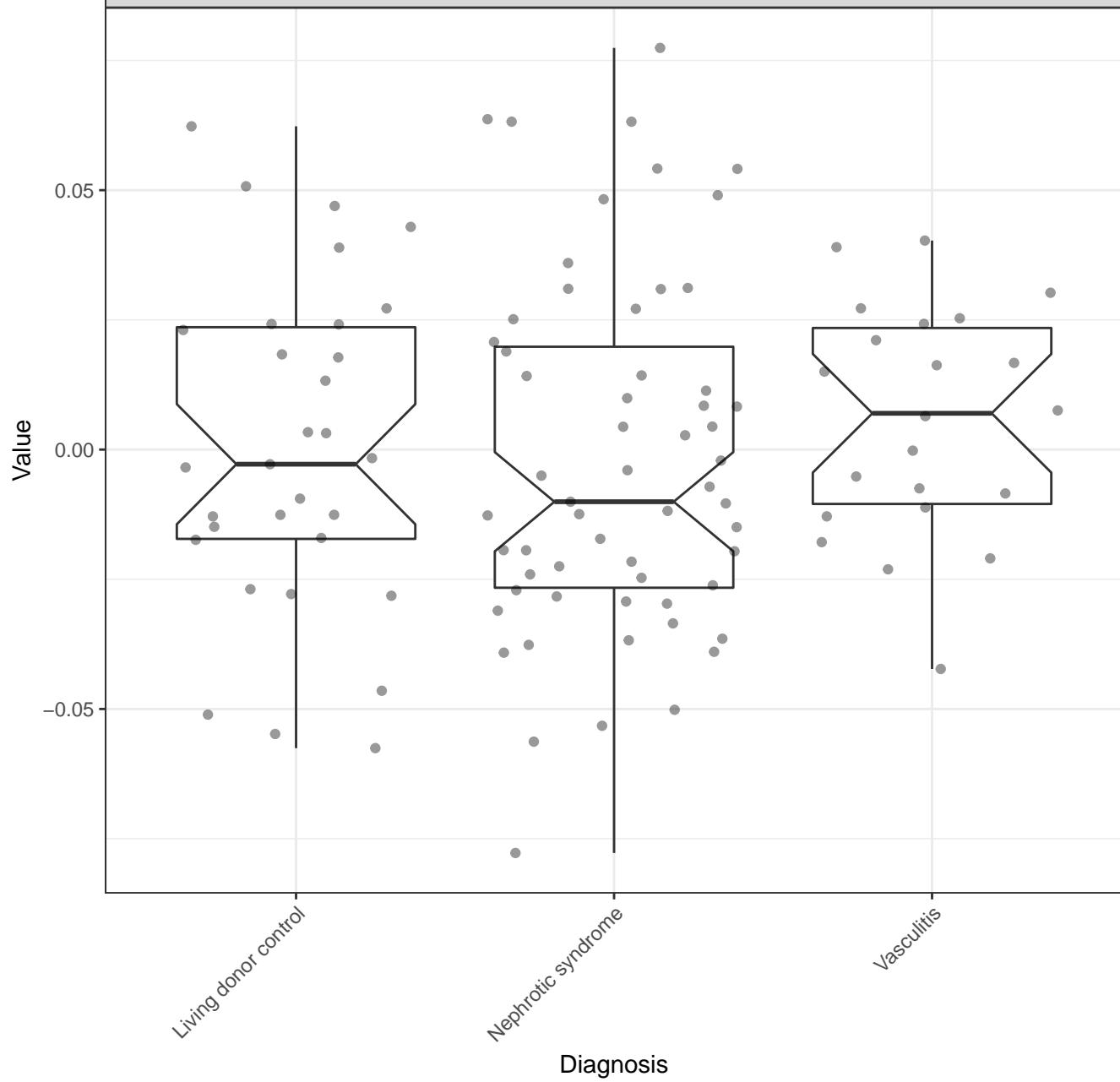
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.04

0.00

-0.04

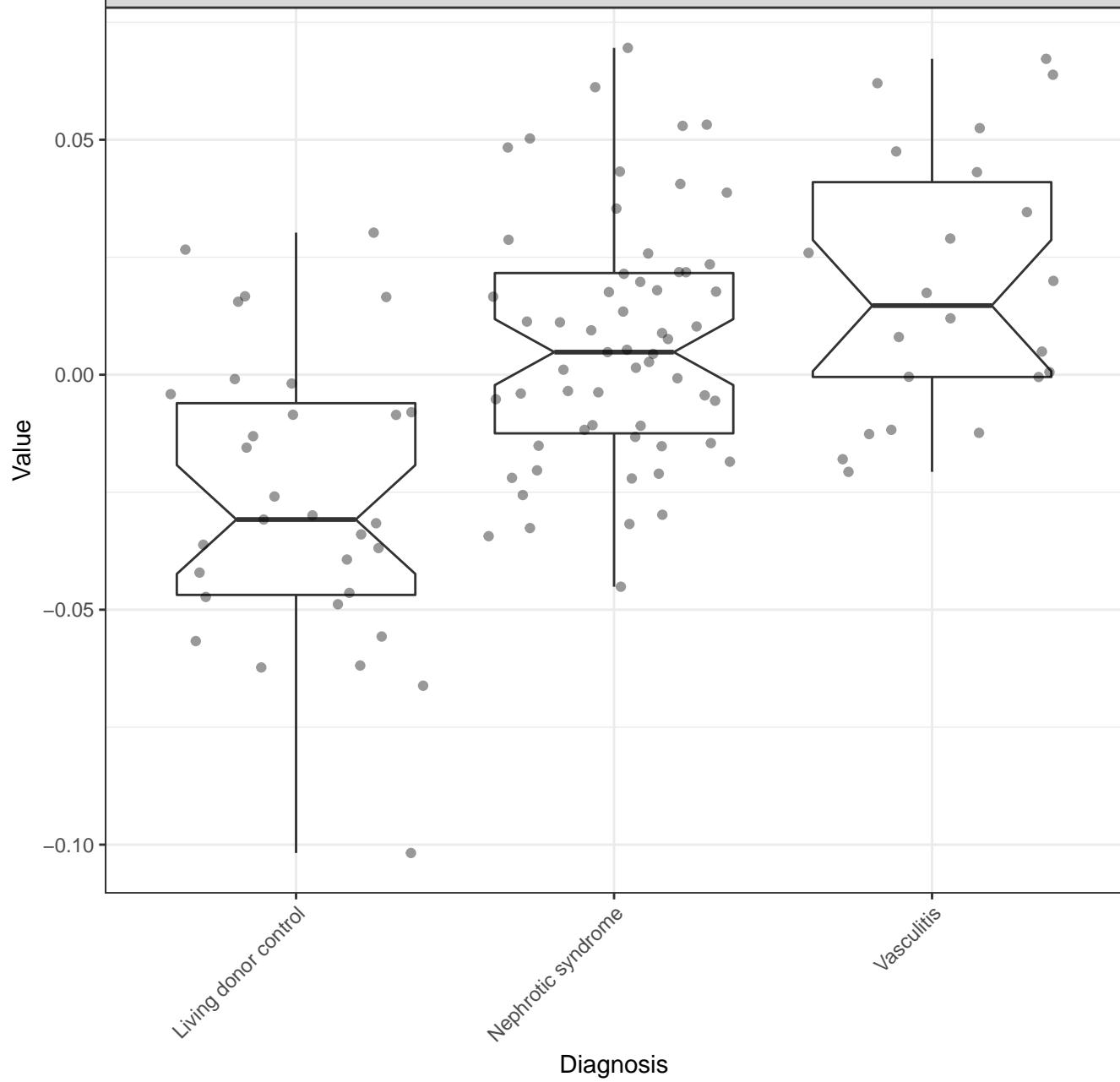
-0.08

Living donor control

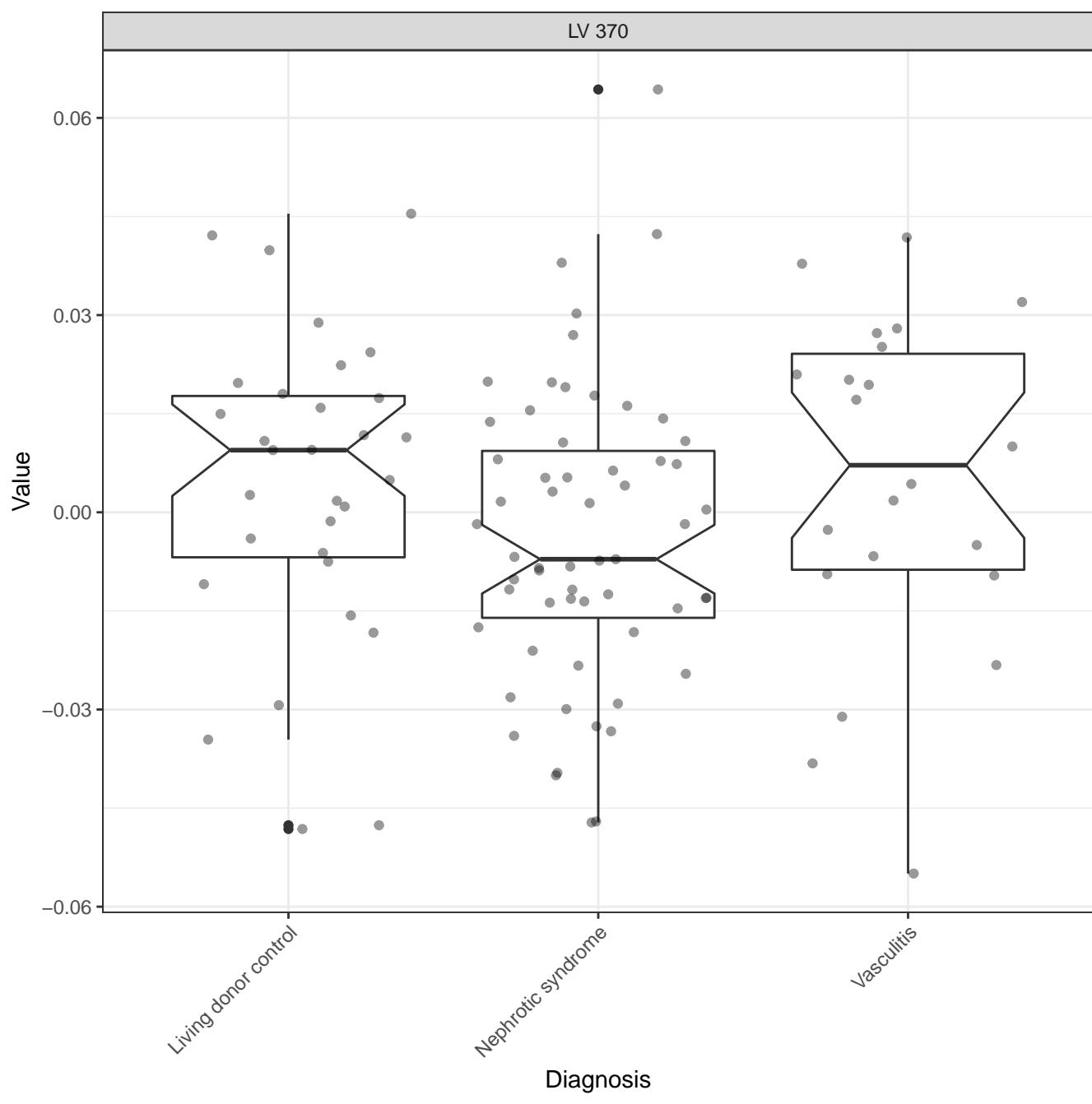
Nephrotic syndrome

Vasculitis

Diagnosis



LV 370



Value

0.04

0.00

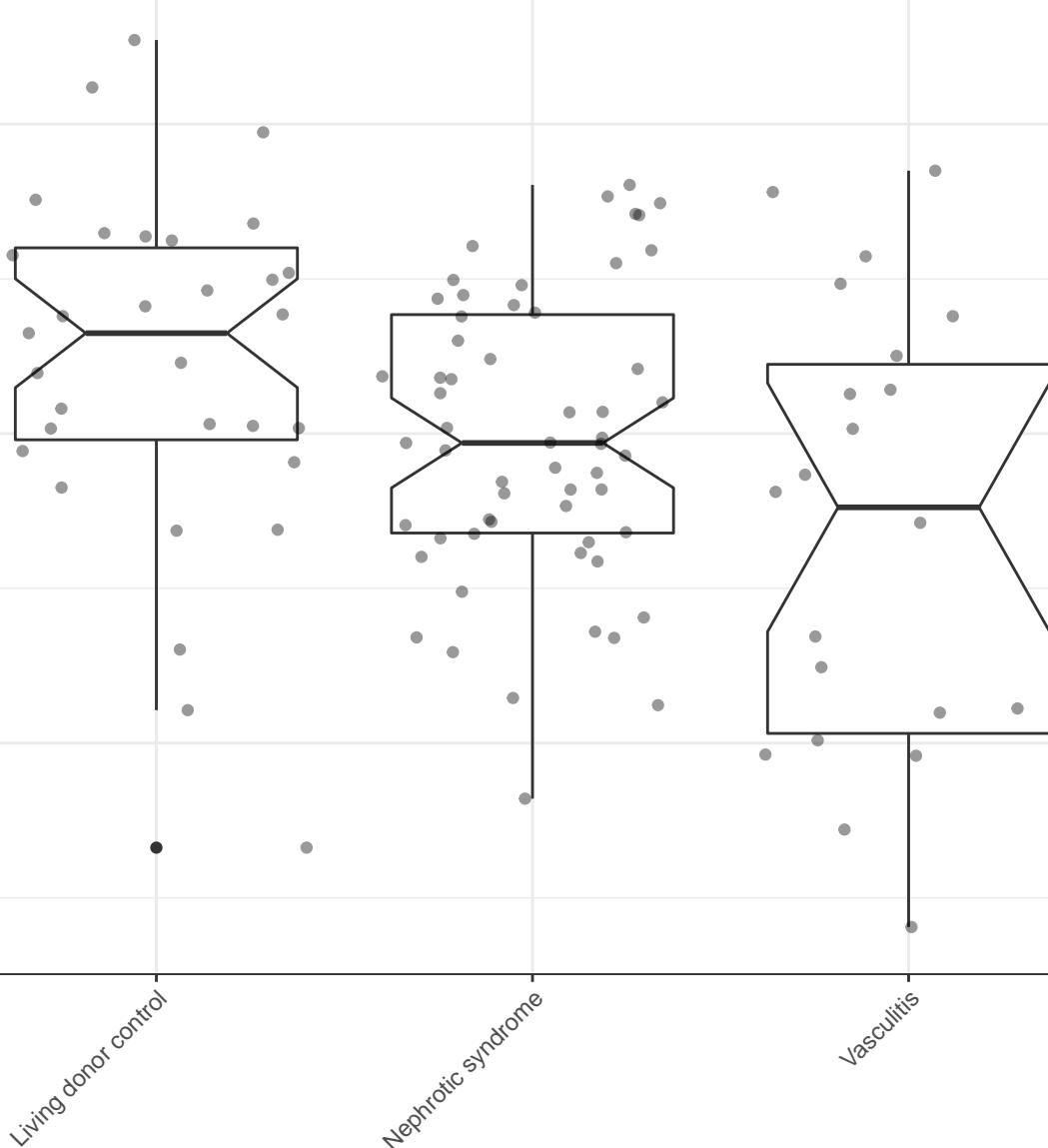
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.04

0.00

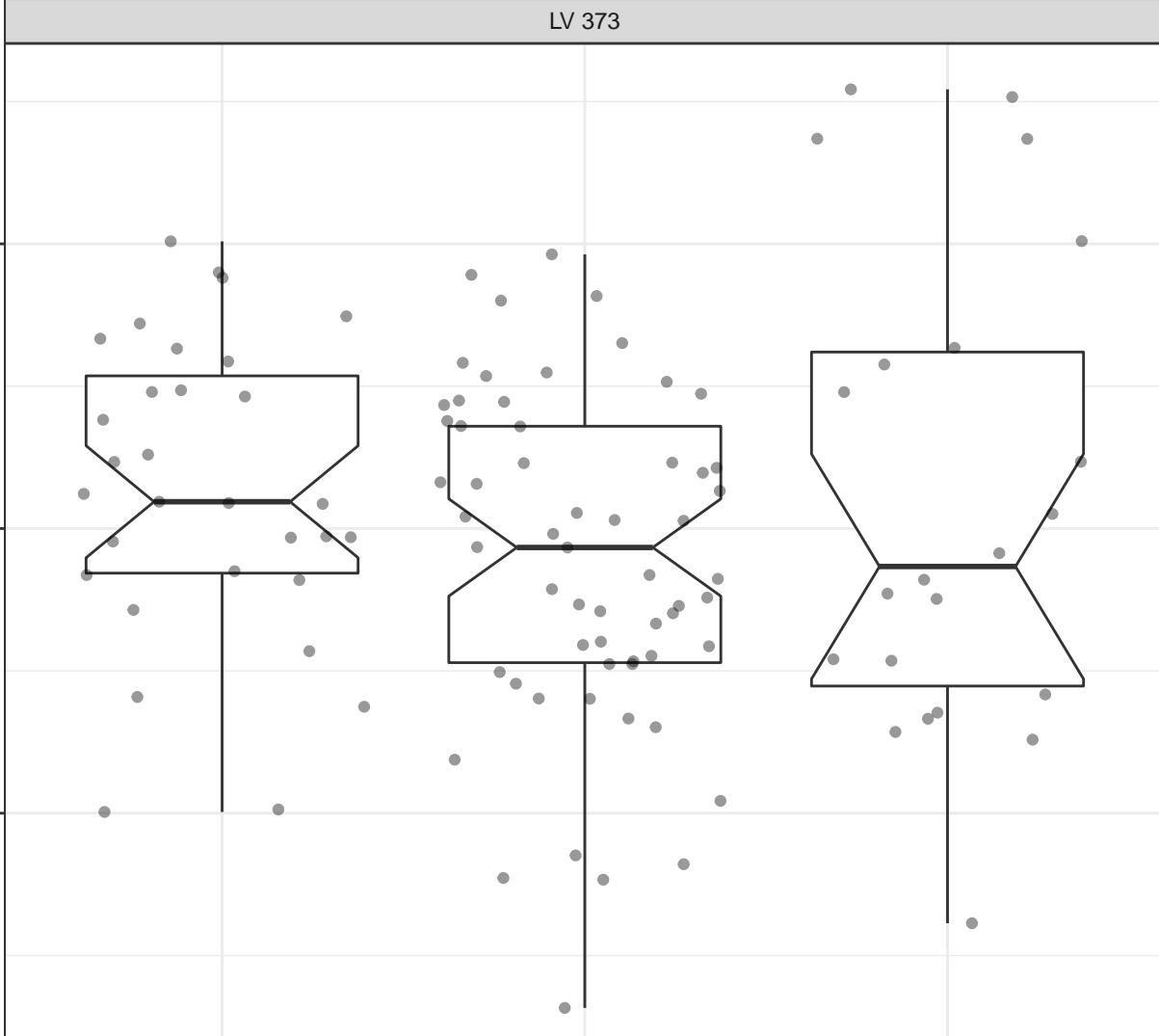
-0.04

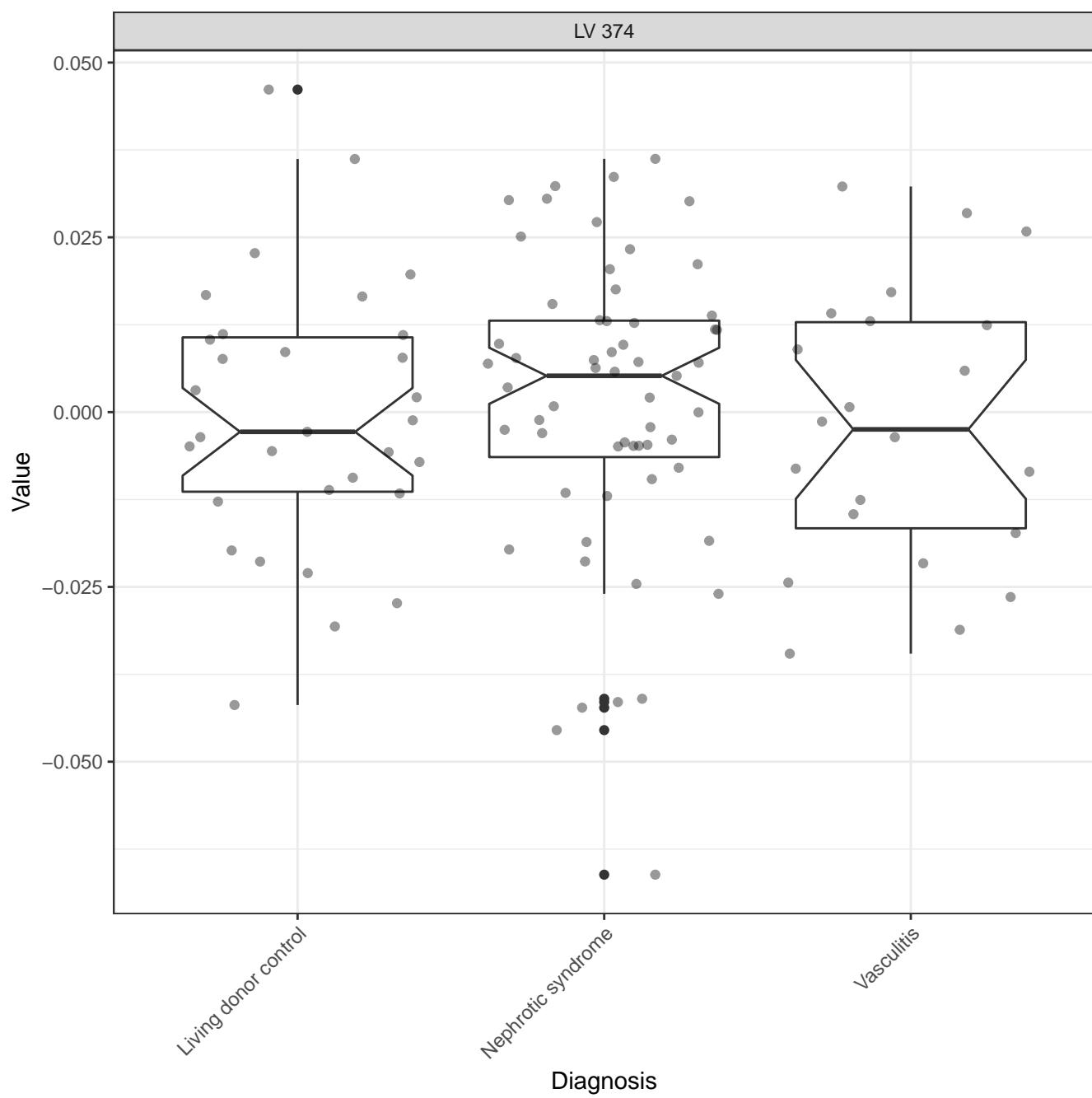
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 375

Value

0.04

0.00

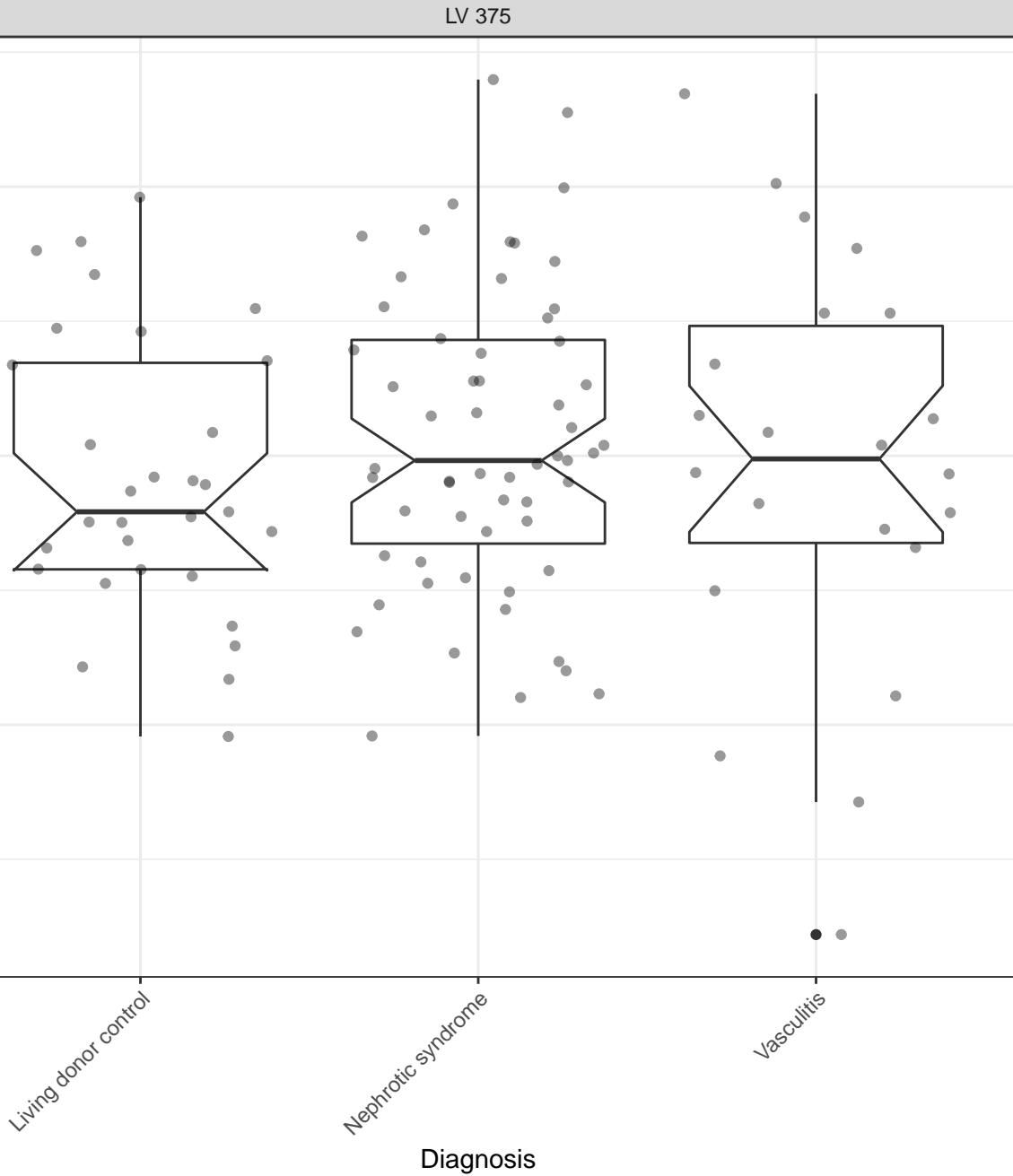
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.01

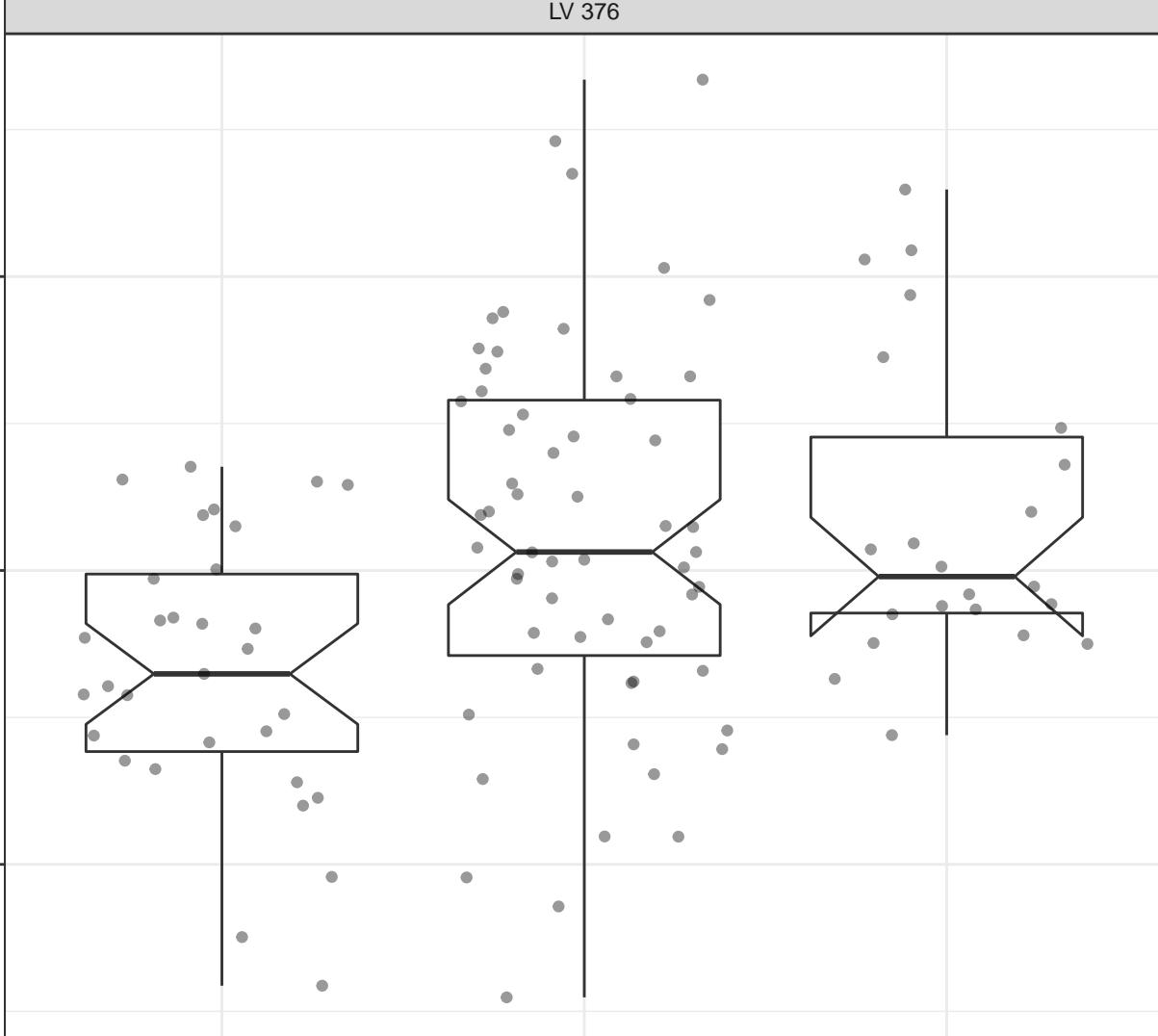
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

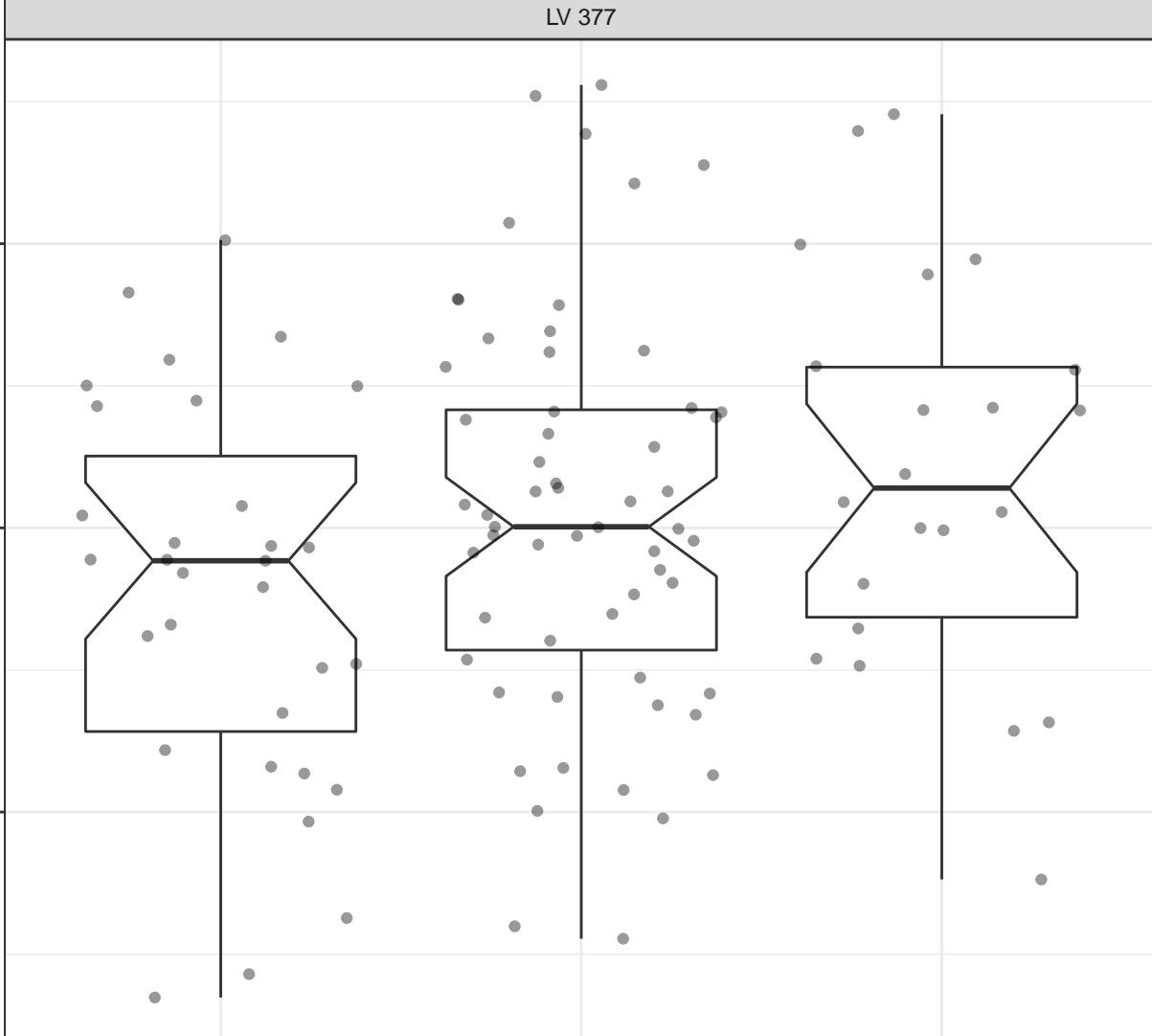
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.01

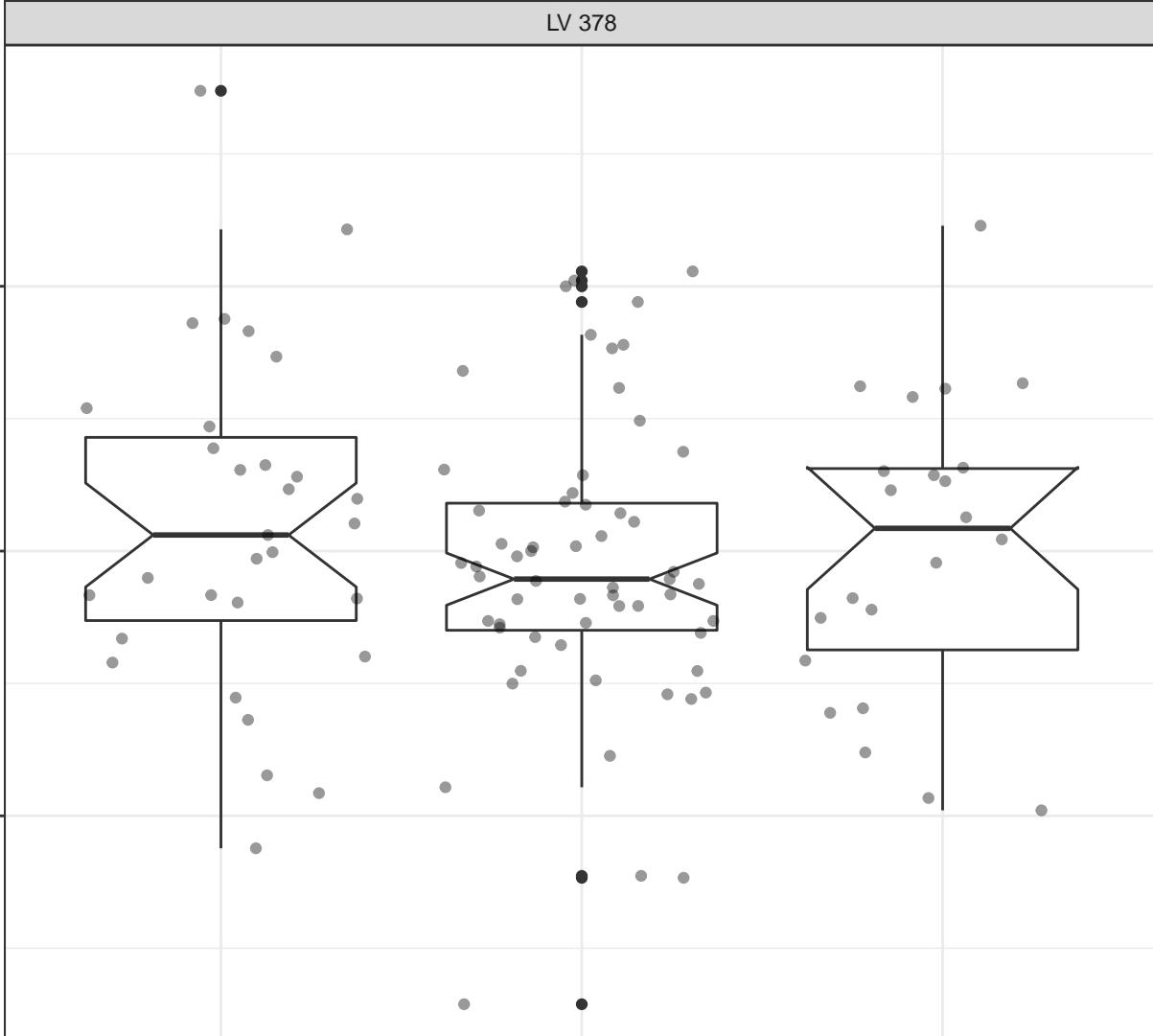
-0.04

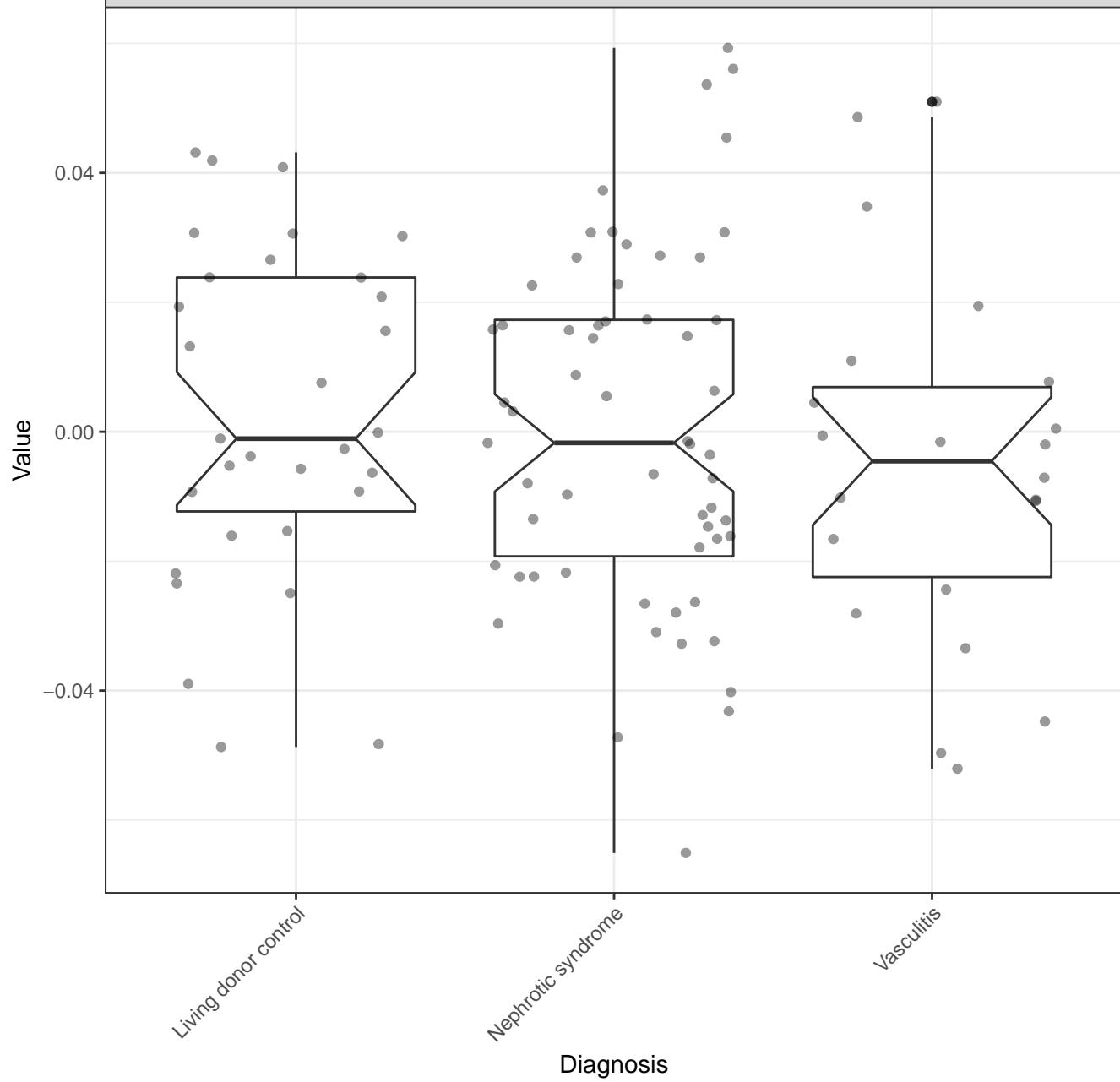
Living donor control

Nephrotic syndrome

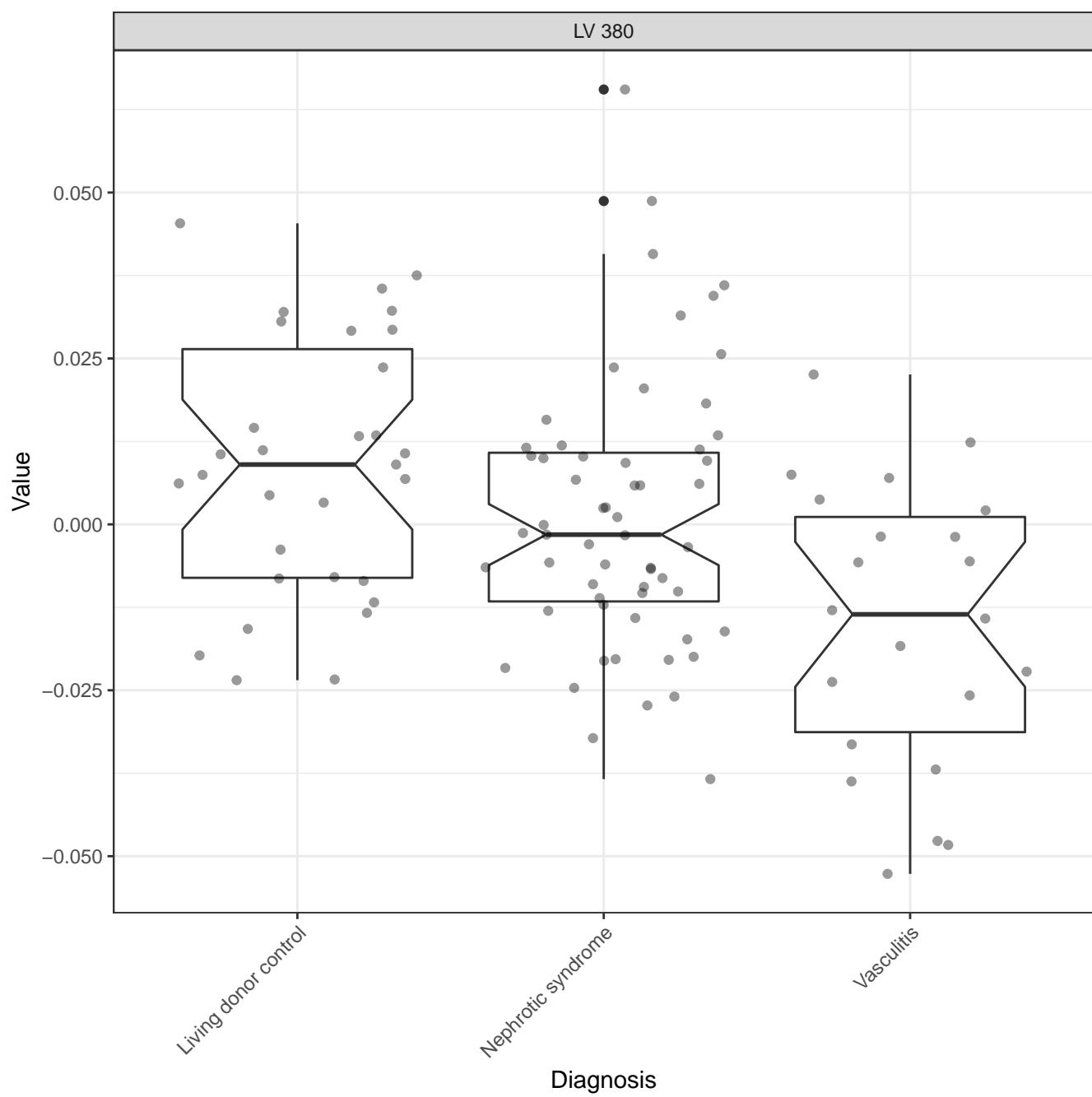
Vasculitis

Diagnosis





LV 380



Value

0.05

0.00

-0.05

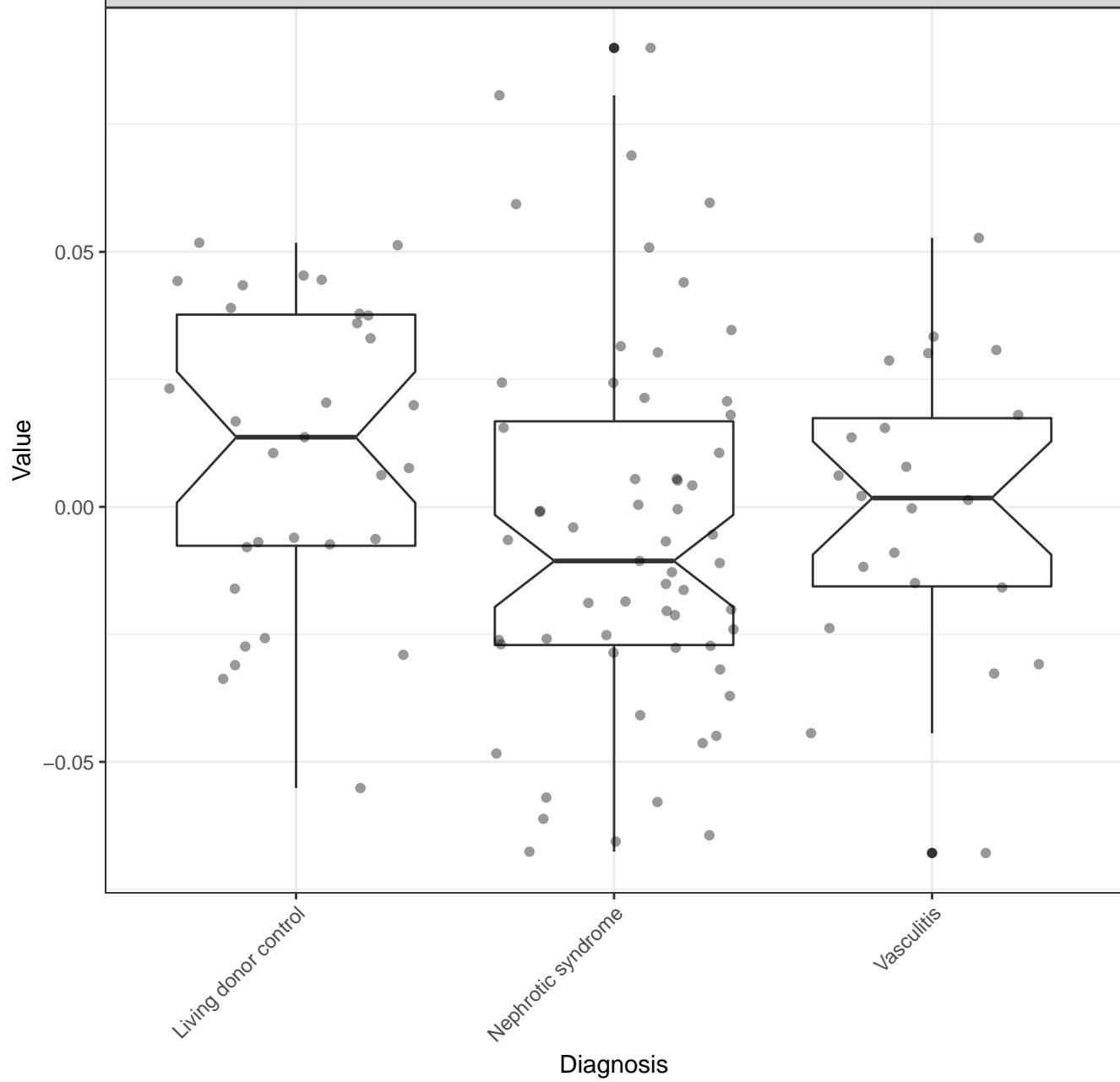
-0.10

Living donor control

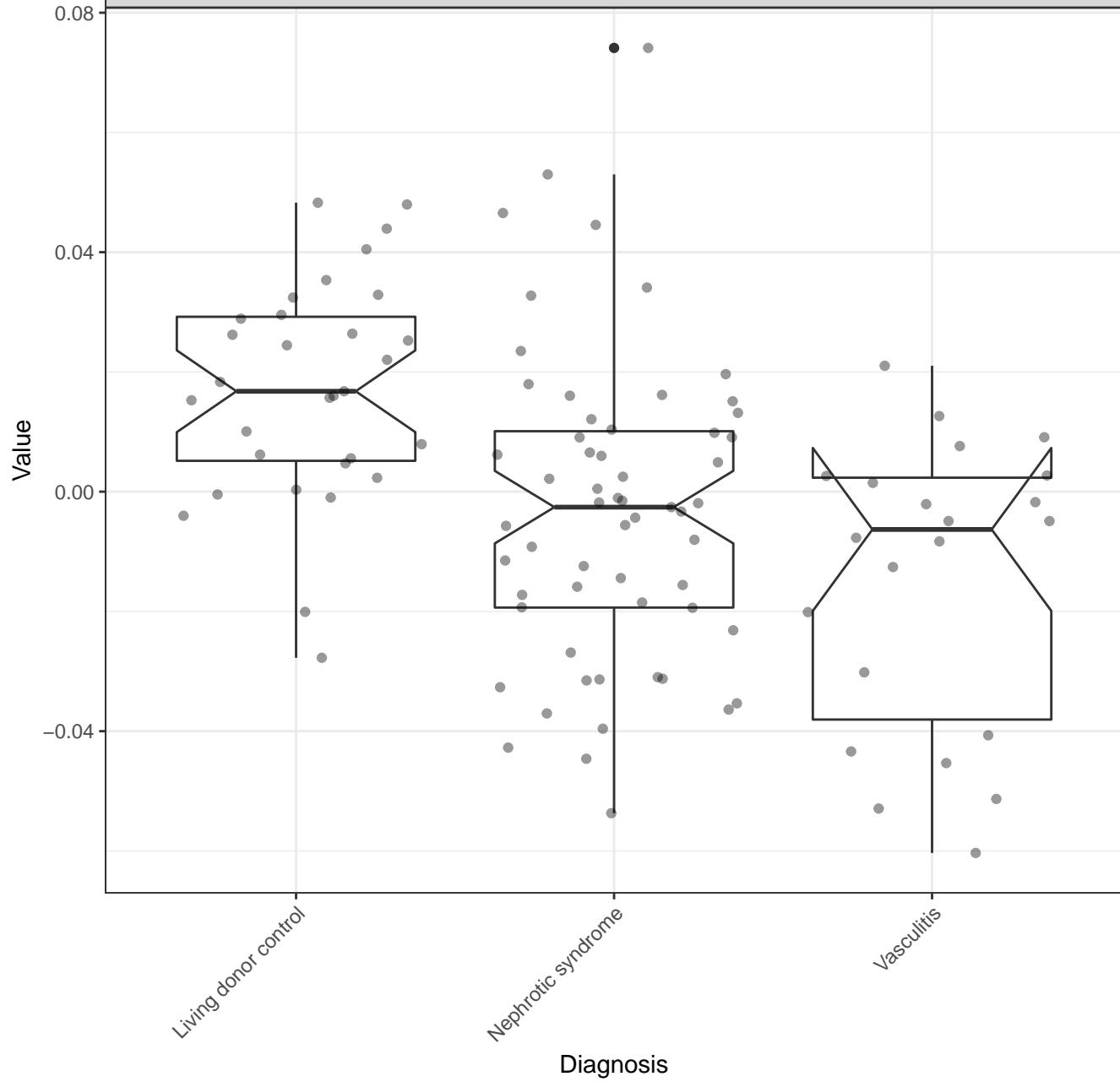
Nephrotic syndrome

Vasculitis

Diagnosis



LV 383



Value

0.05

0.00

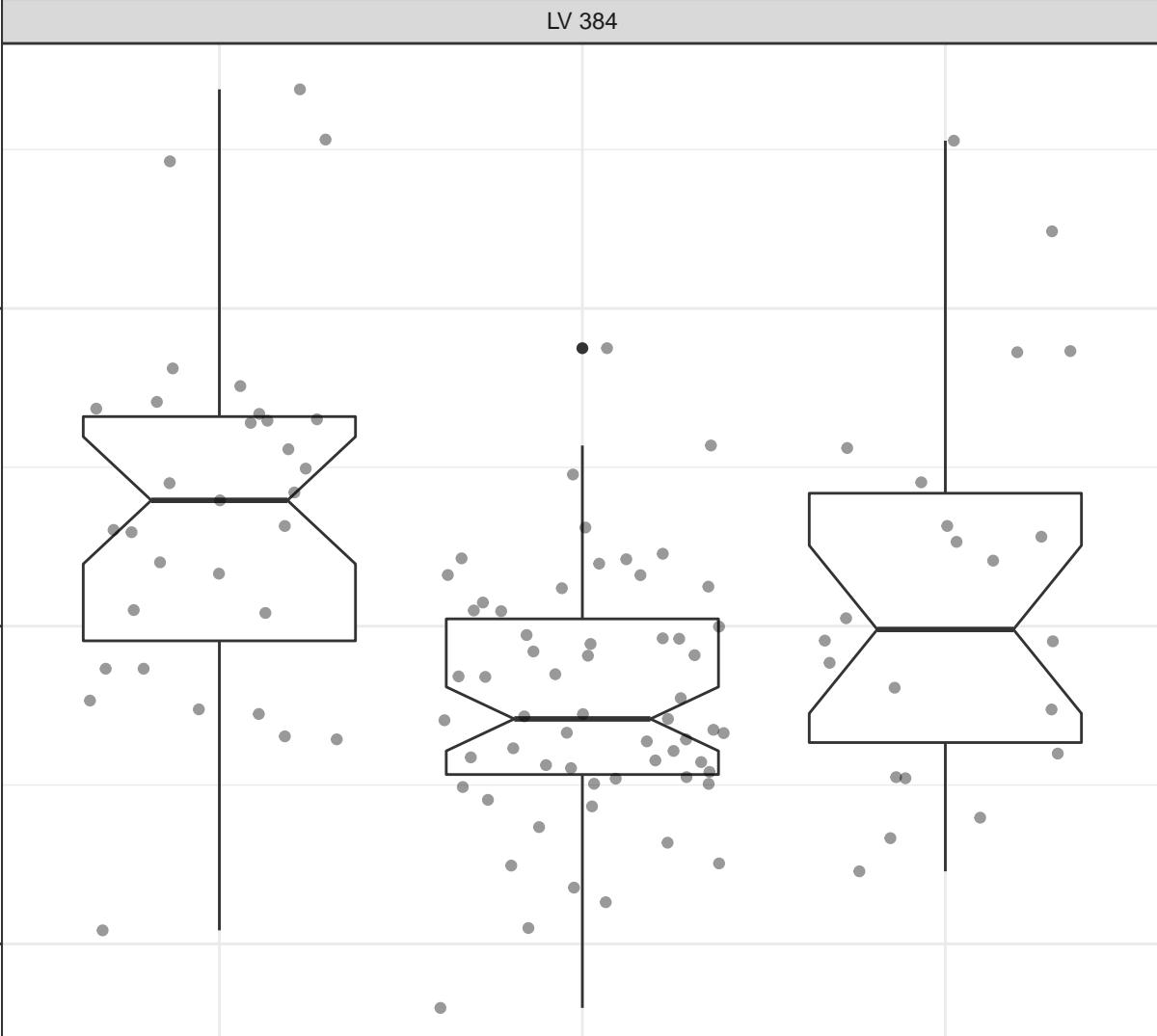
-0.05

Living donor control

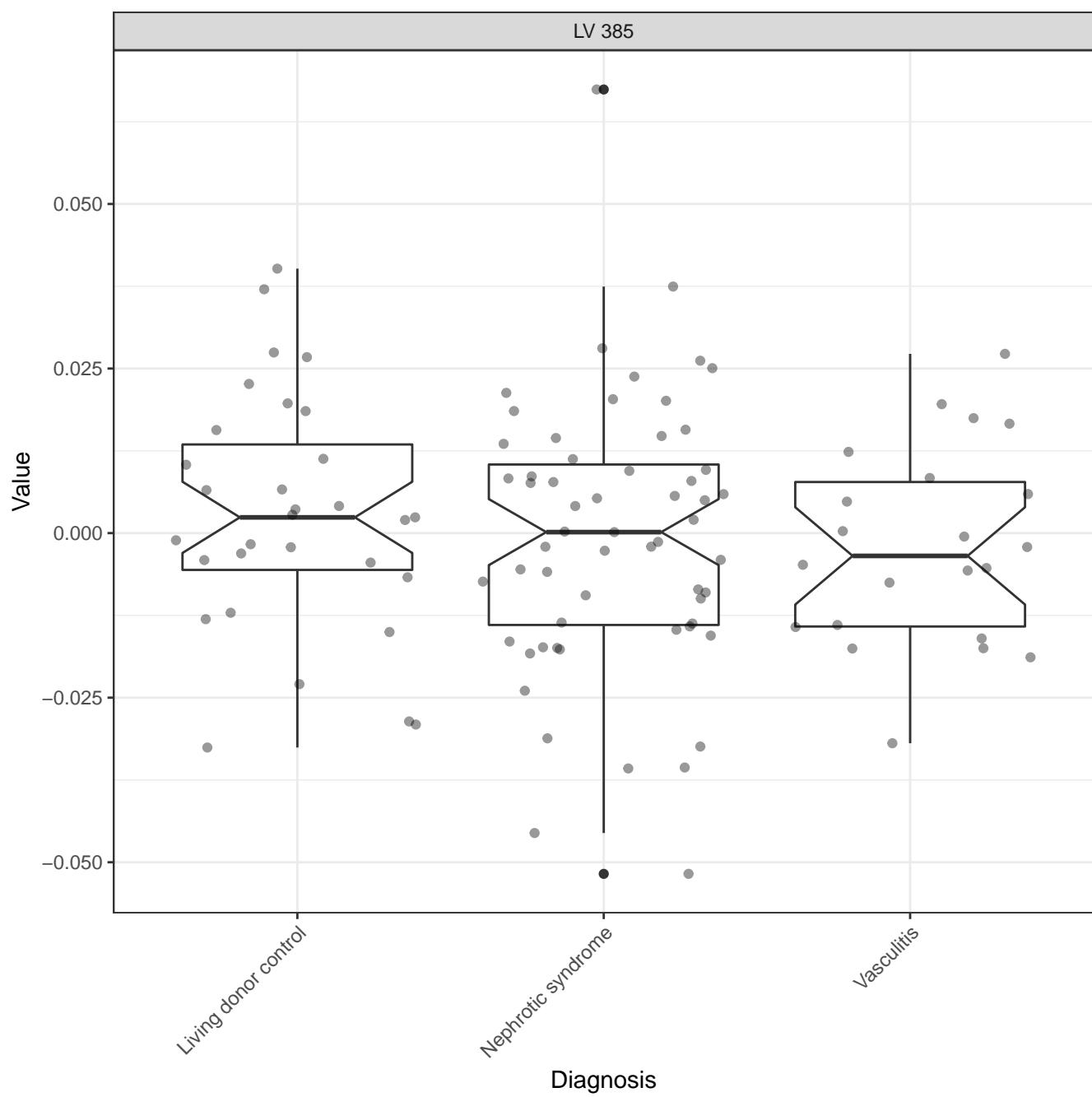
Nephrotic syndrome

Vasculitis

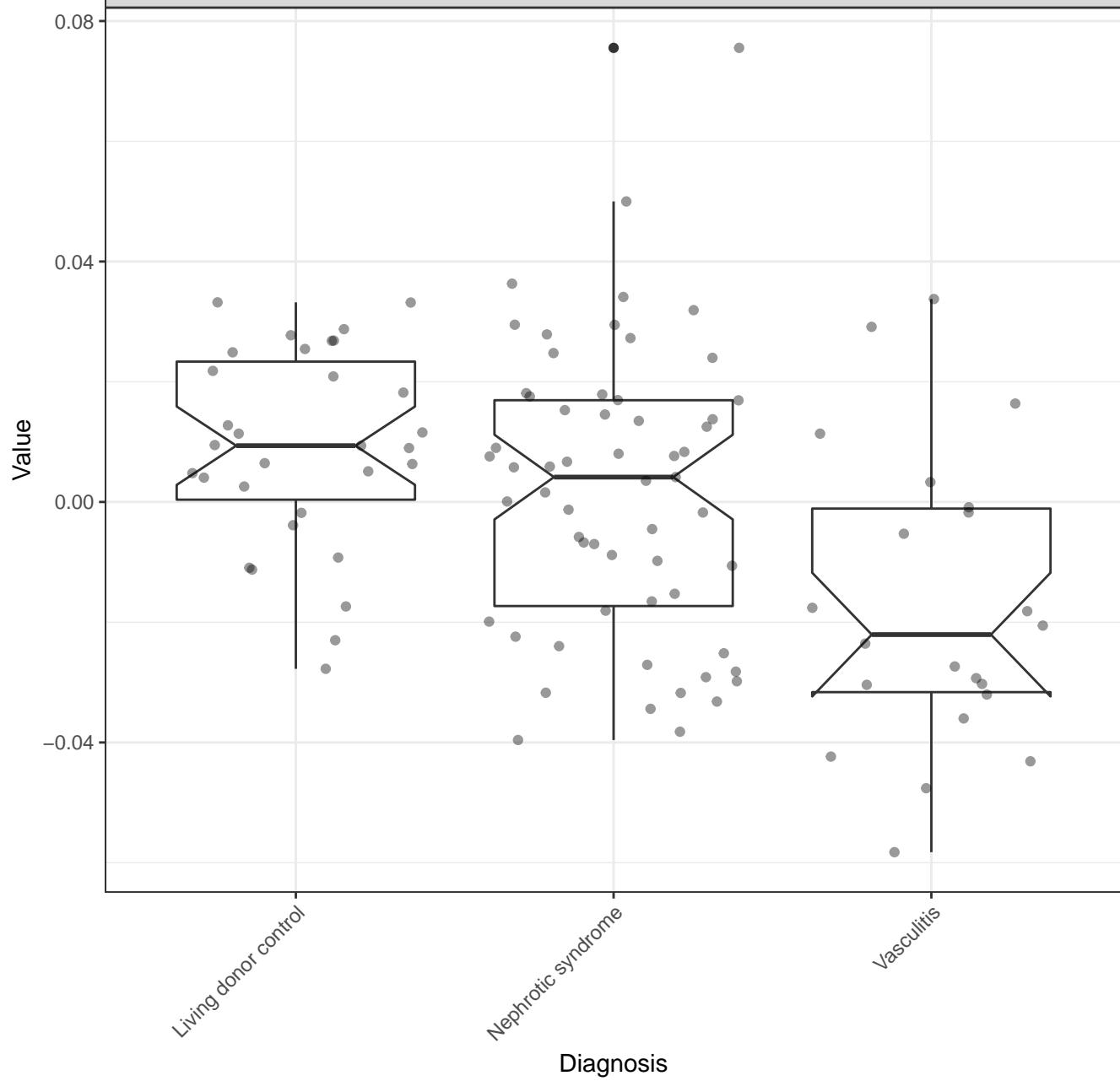
Diagnosis



LV 385



LV 386



Value

0.04

0.00

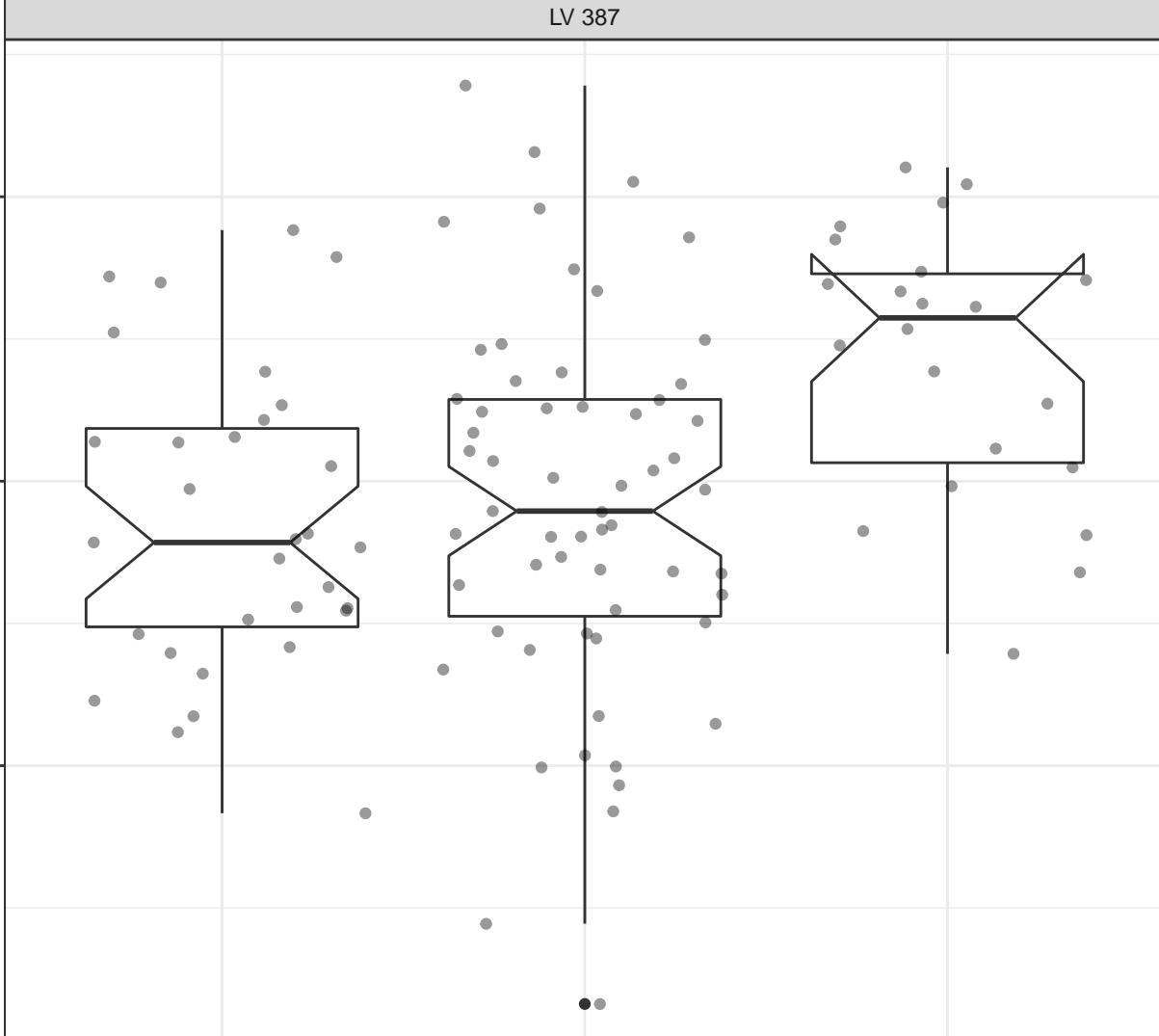
-0.04

Living donor control

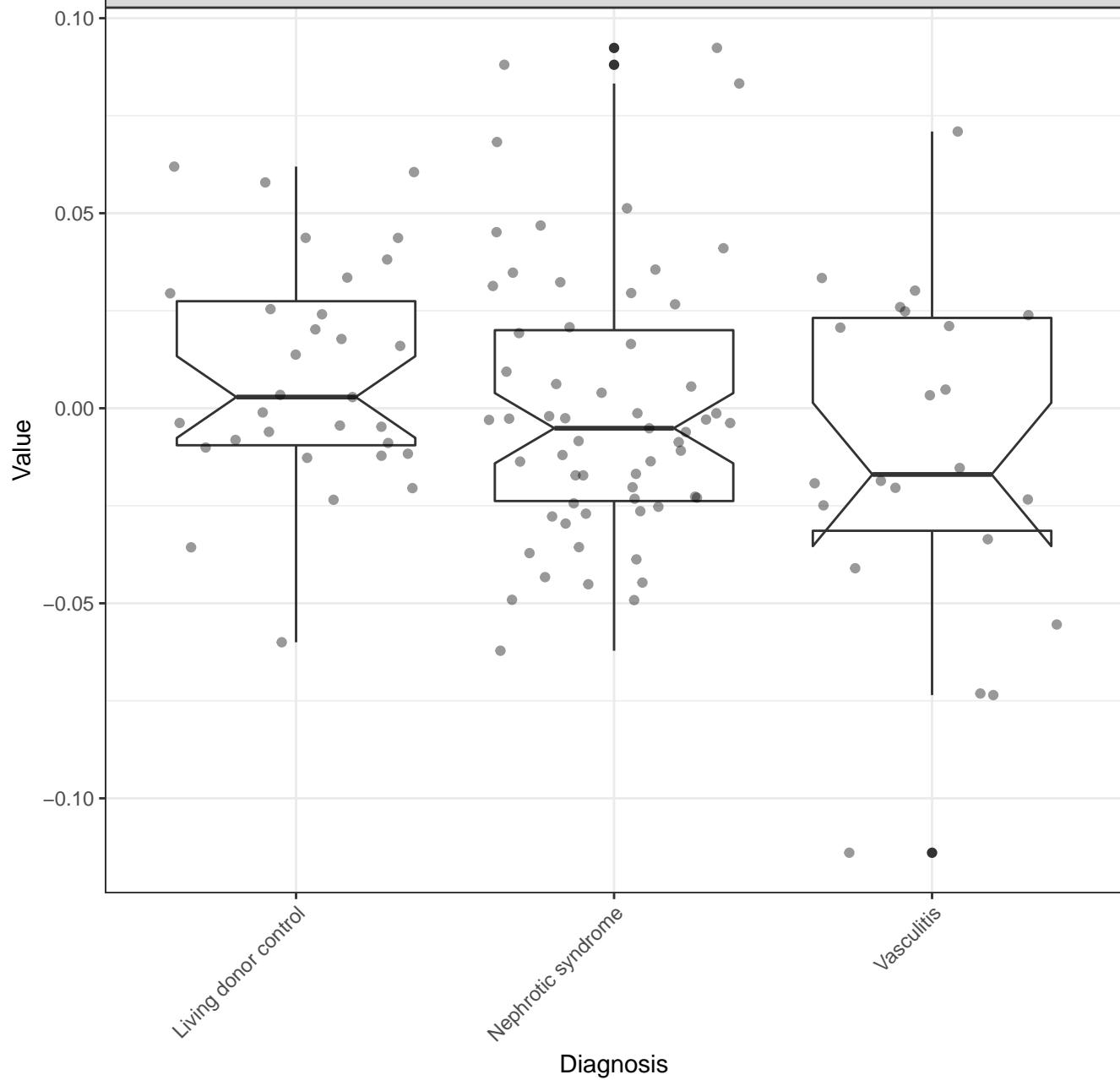
Nephrotic syndrome

Vasculitis

Diagnosis



LV 388



Value

0.04

0.00

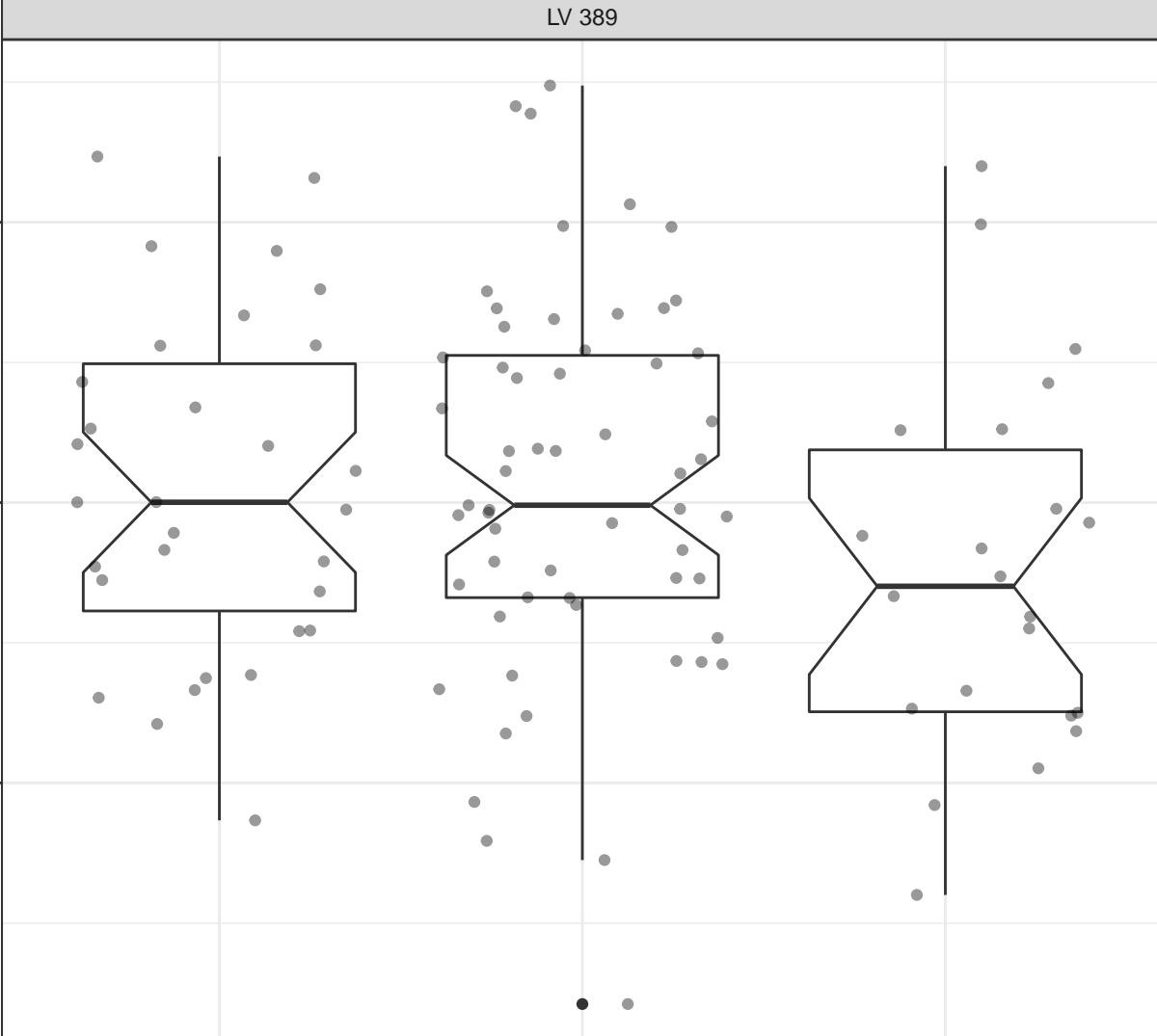
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

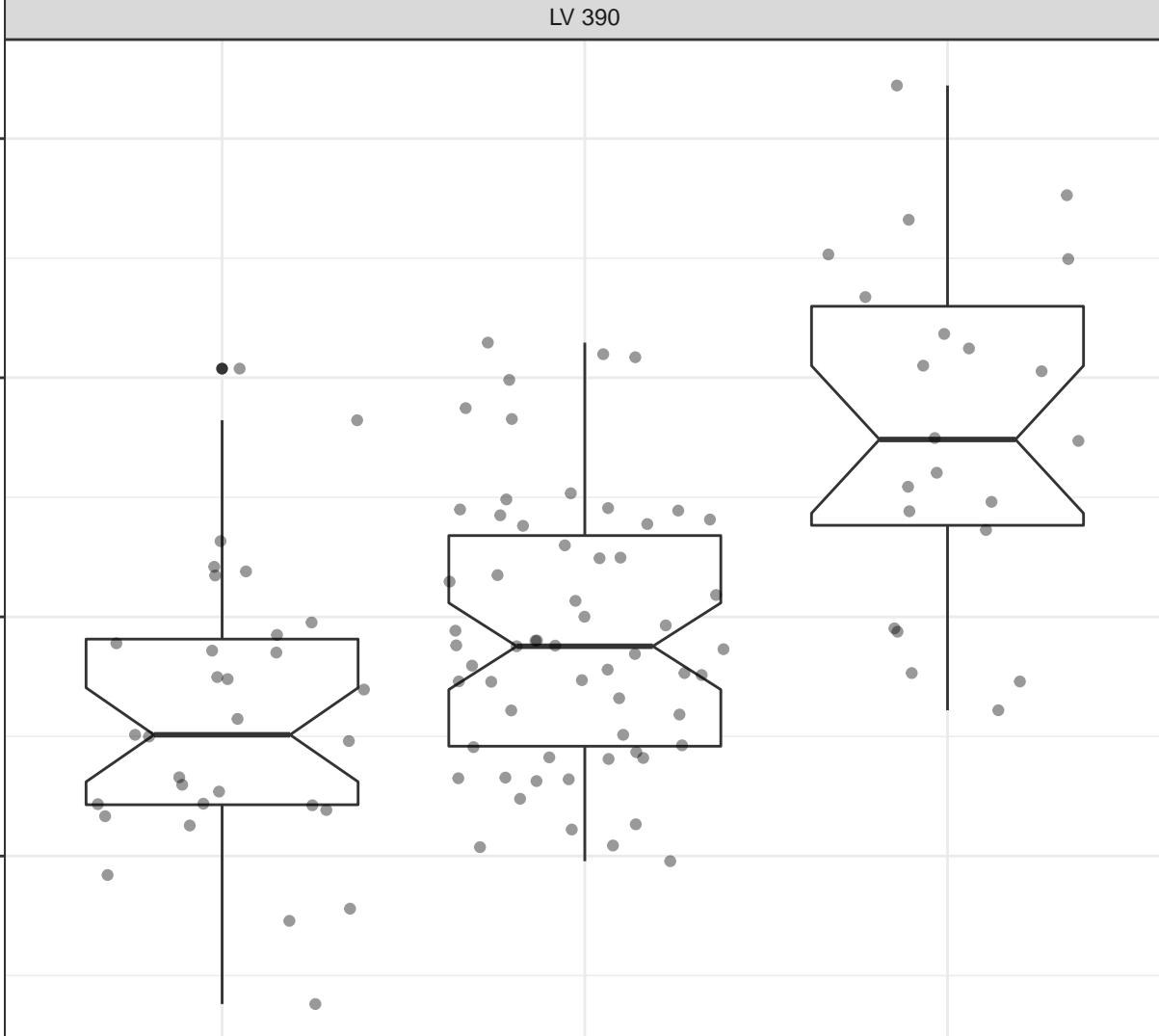
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.01

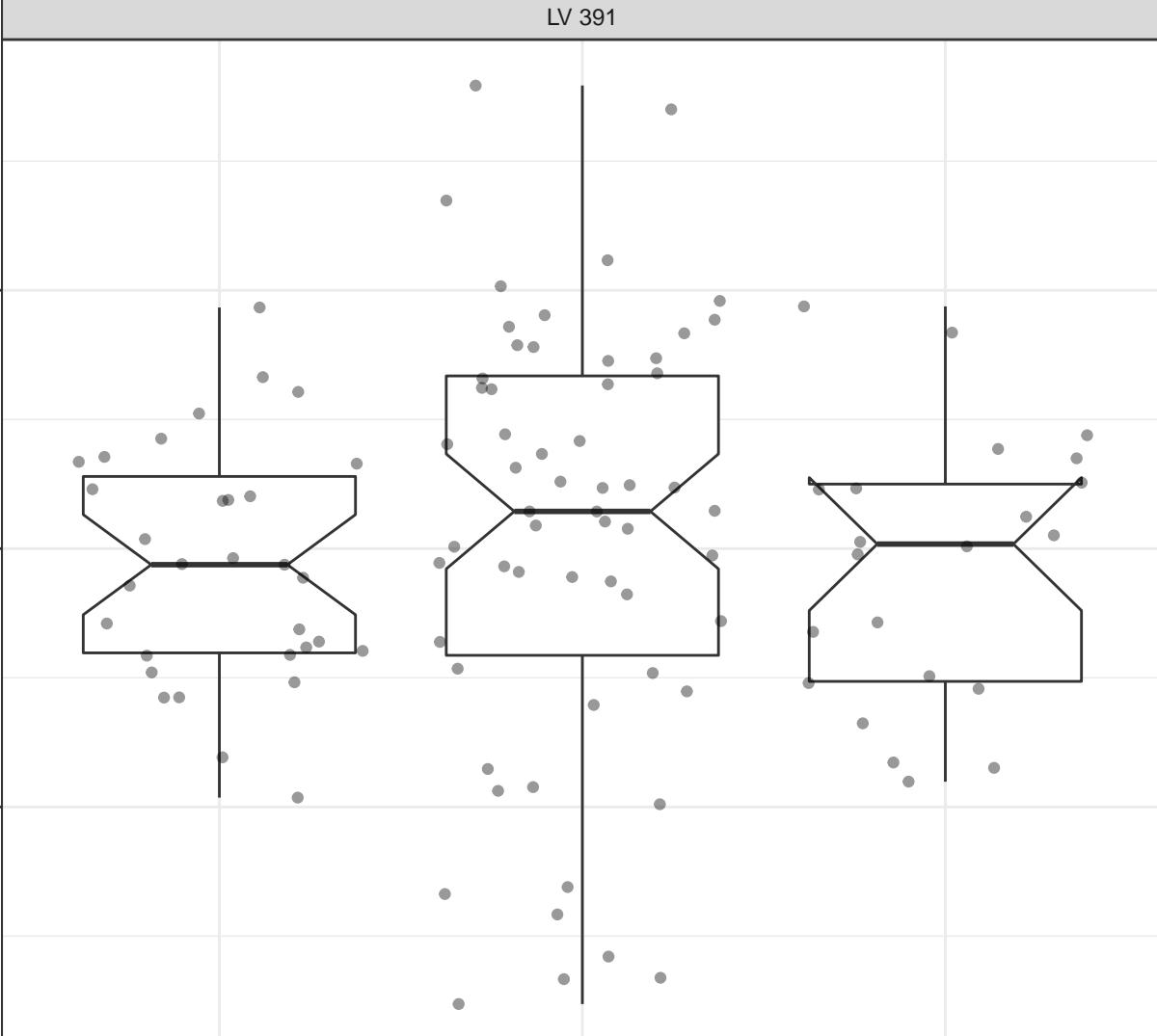
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 392

Value

0.05

0.00

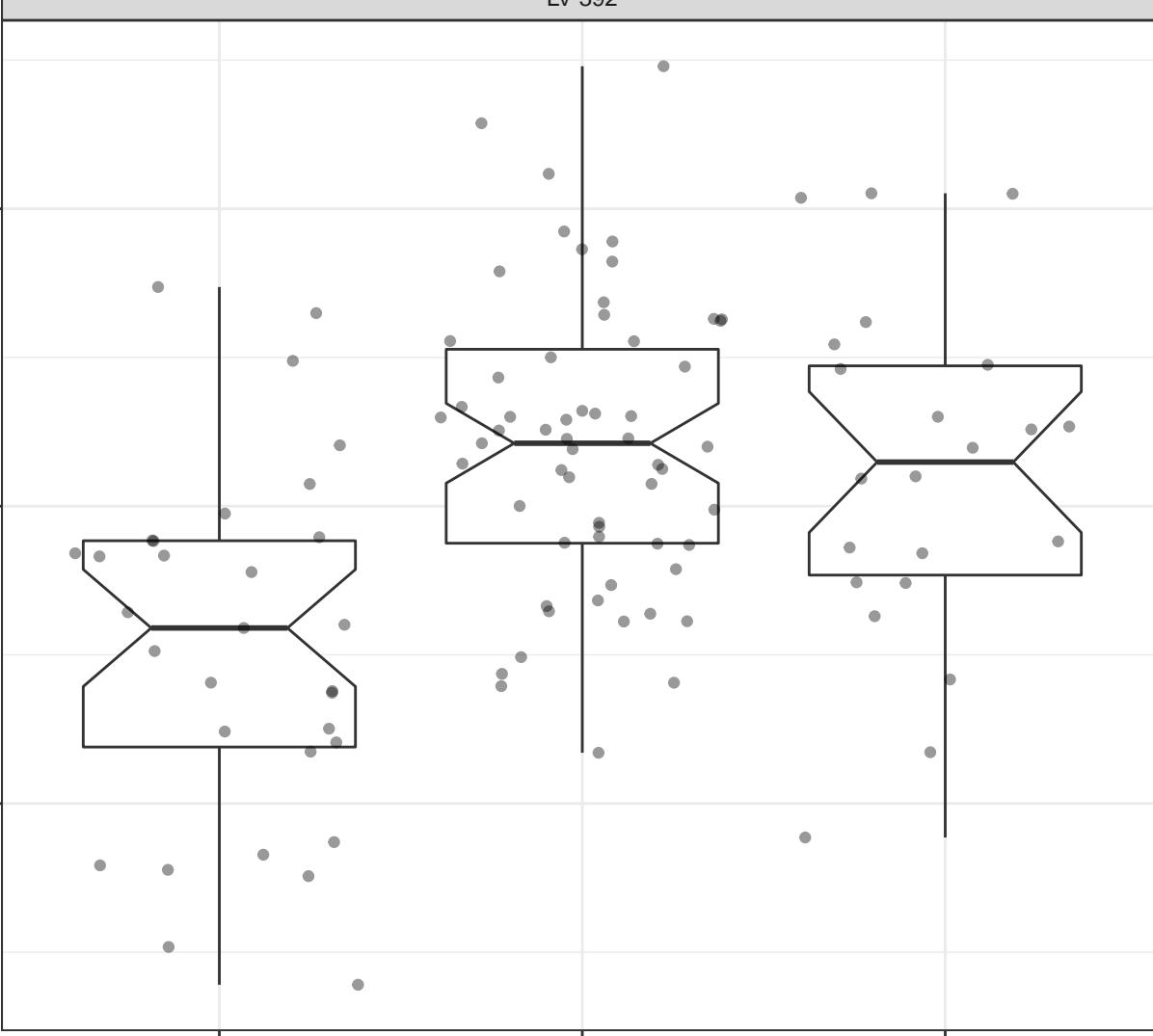
-0.05

Living donor control

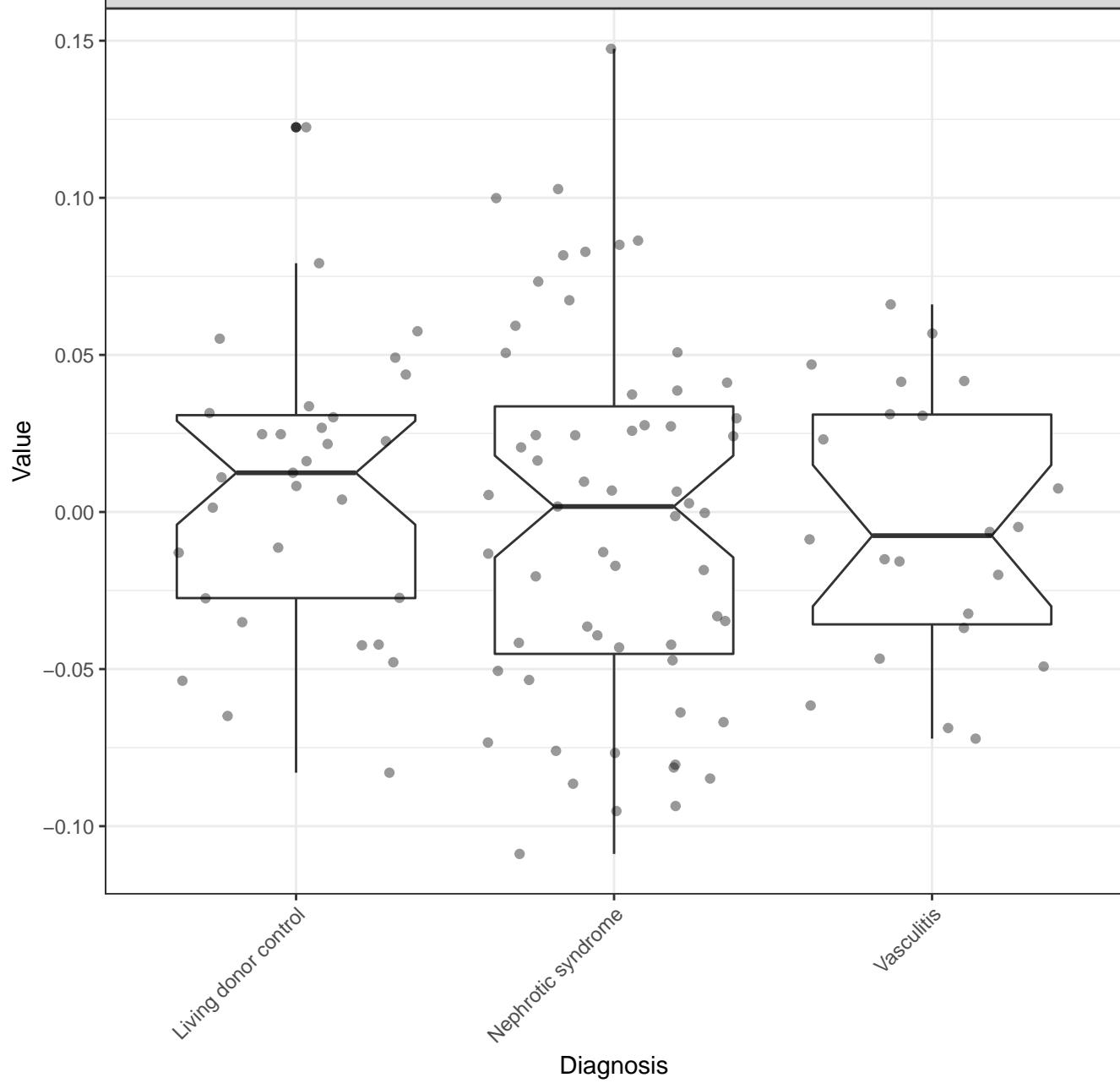
Nephrotic syndrome

Vasculitis

Diagnosis



LV 393



Value

0.04

0.00

-0.04

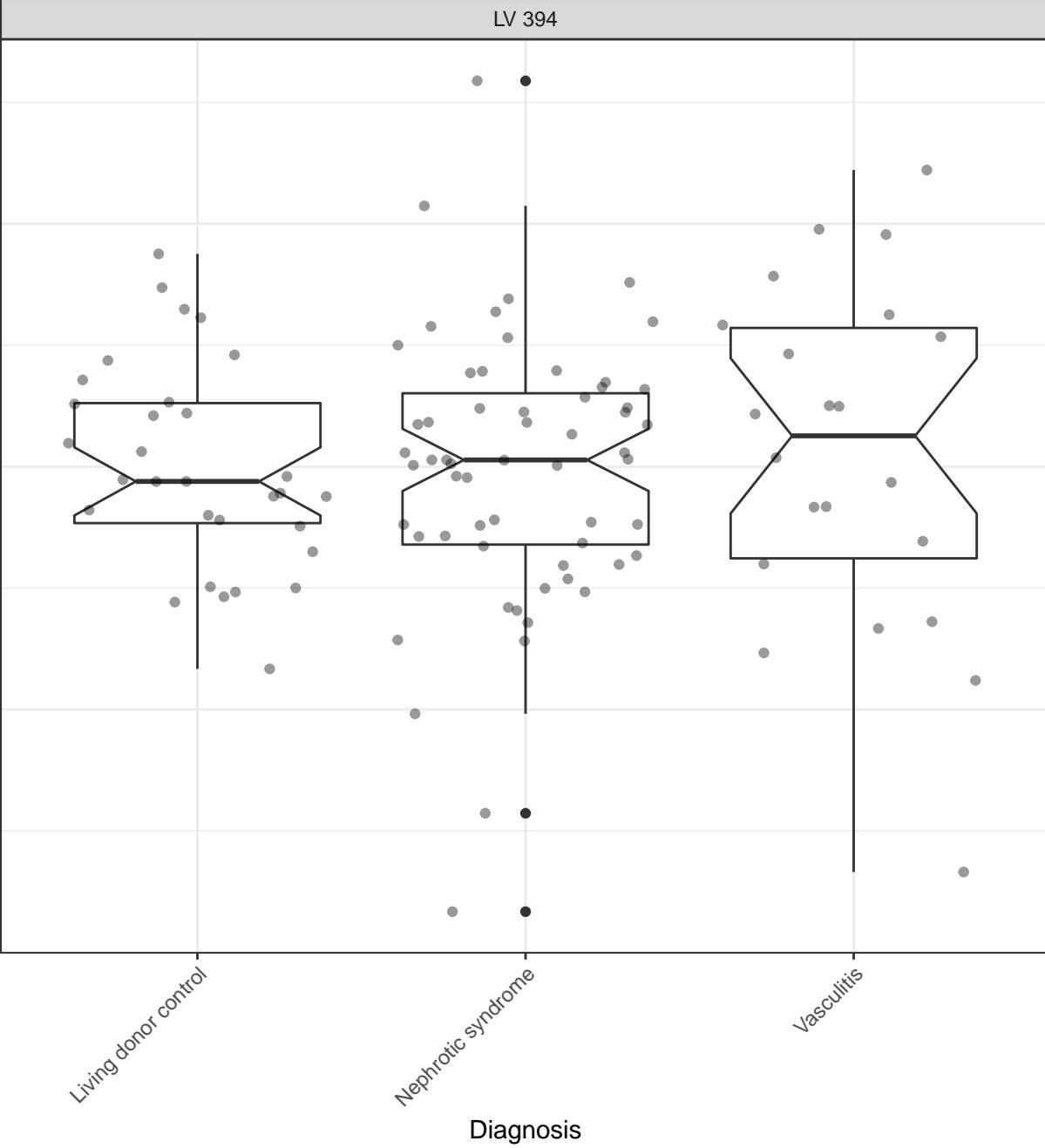
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 395

Value

0.1

0.0

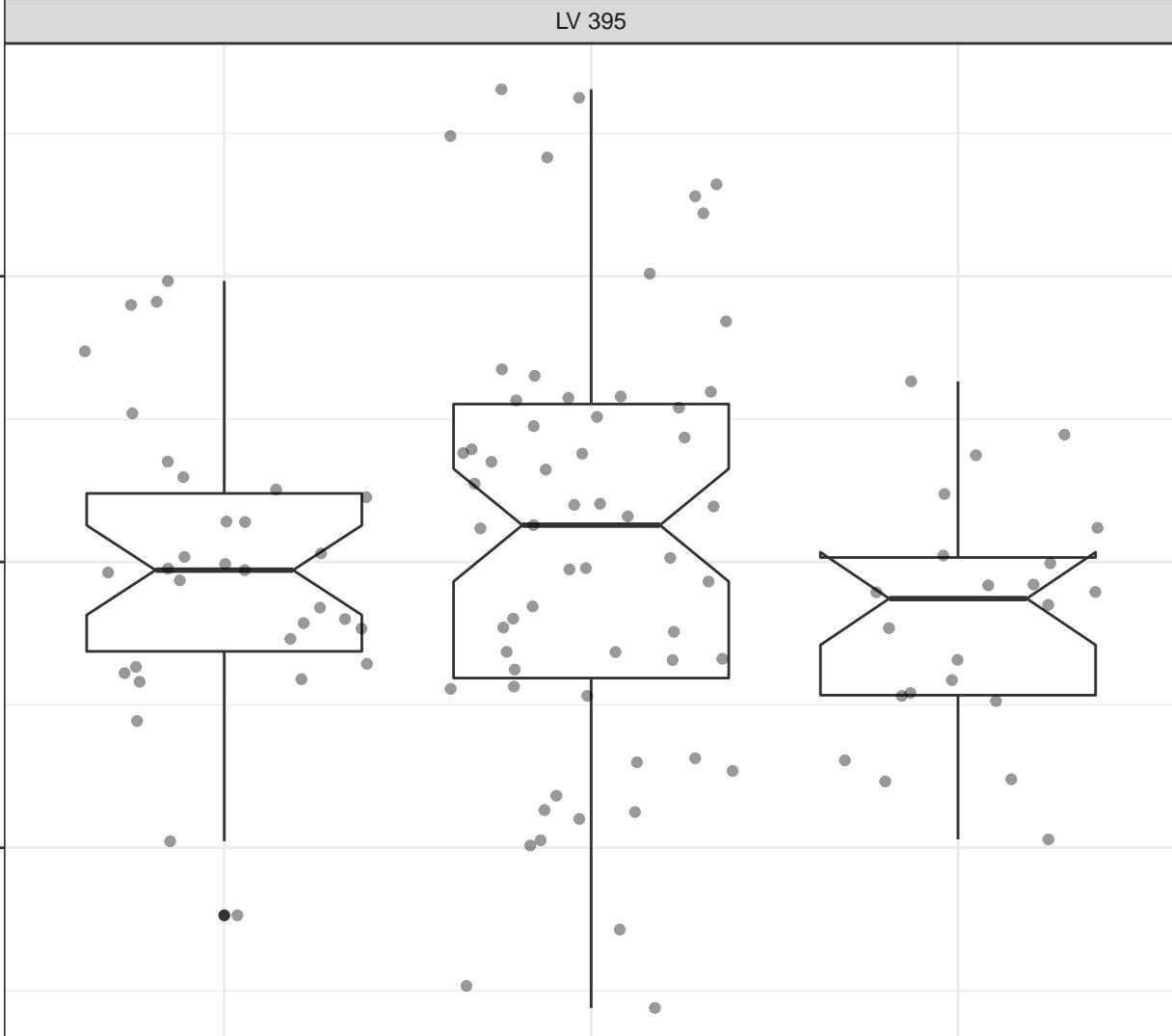
-0.1

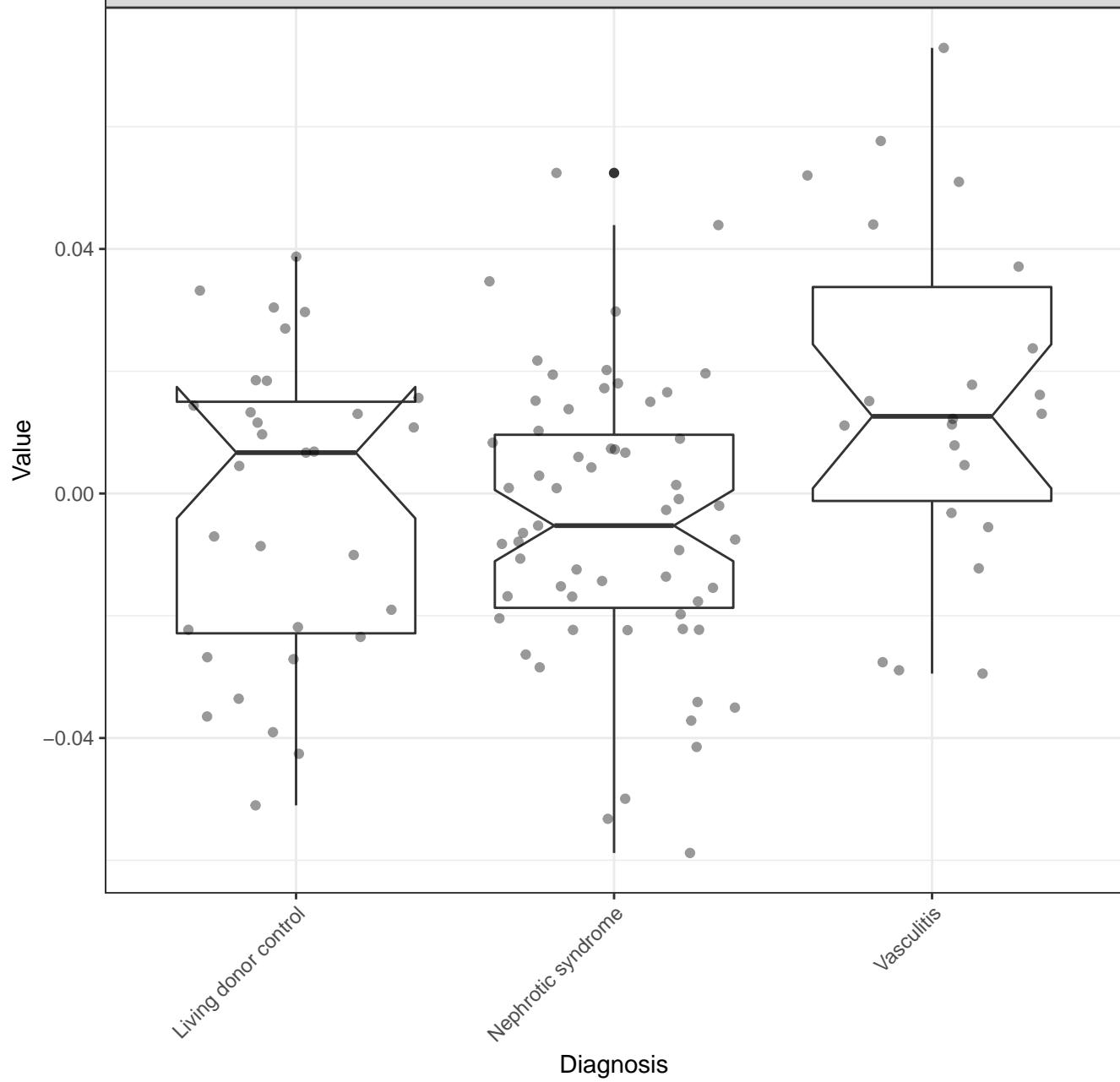
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 397

Value

0.10

0.05

0.00

-0.05

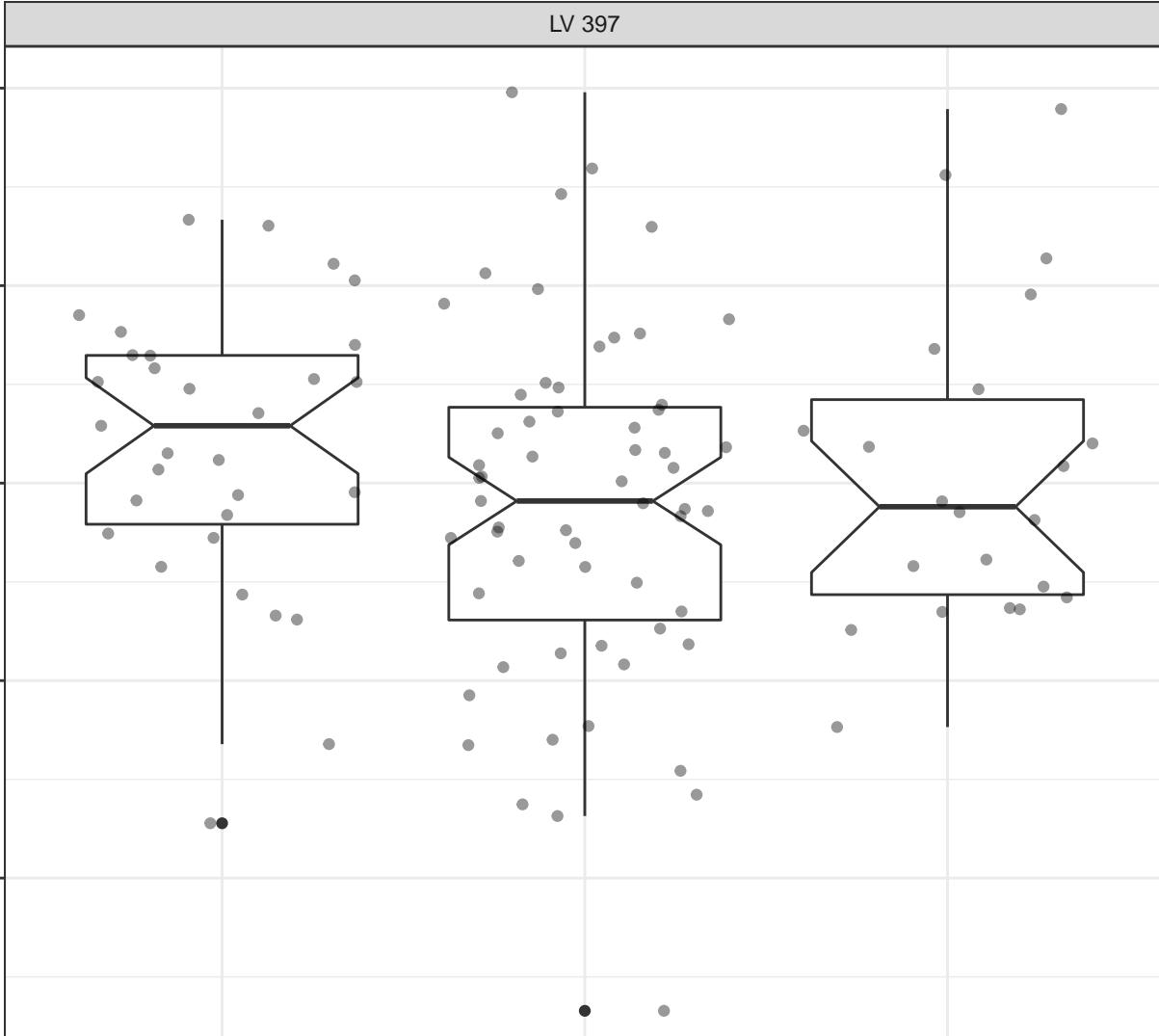
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

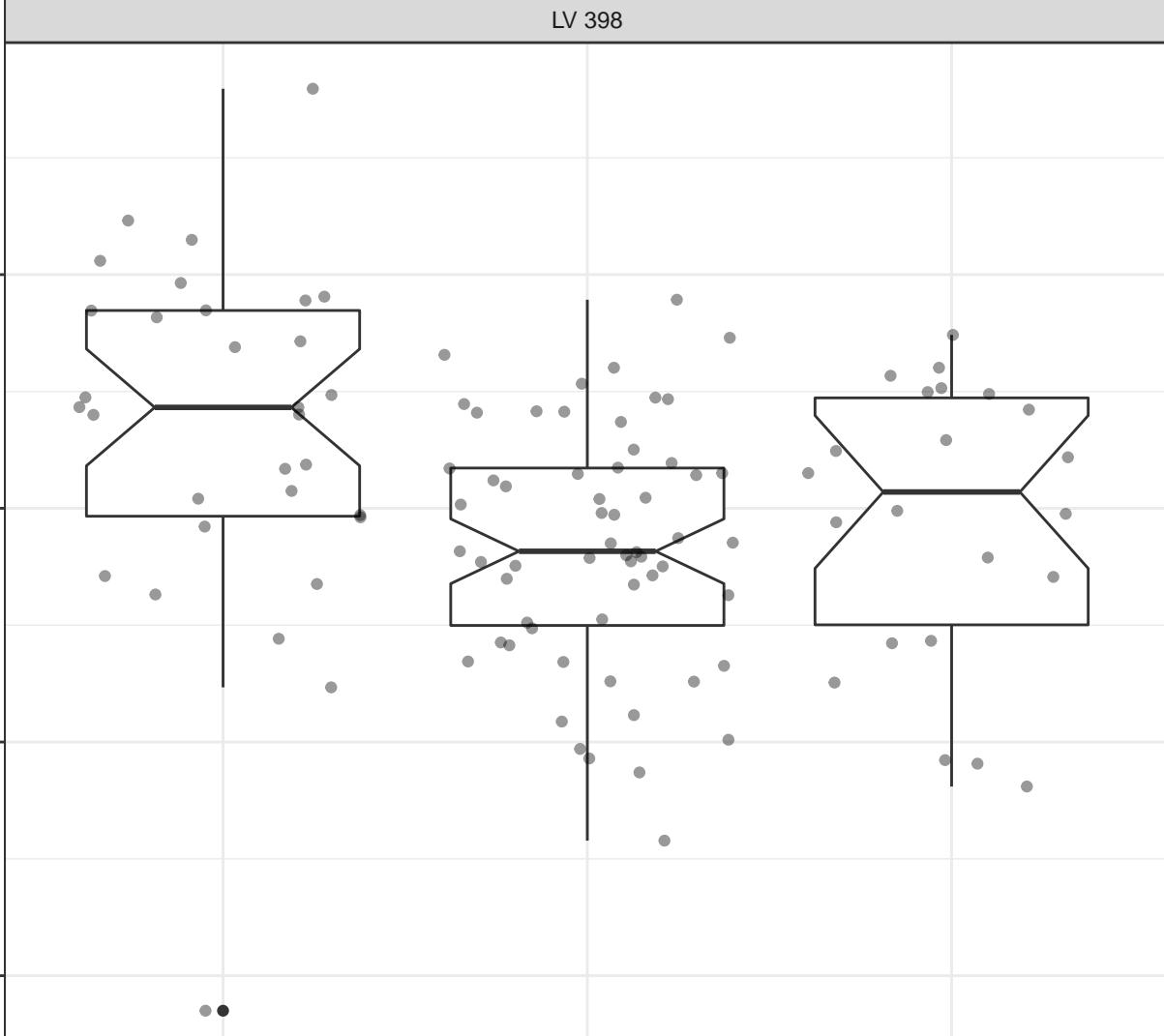
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 399

Value

0.05

0.01

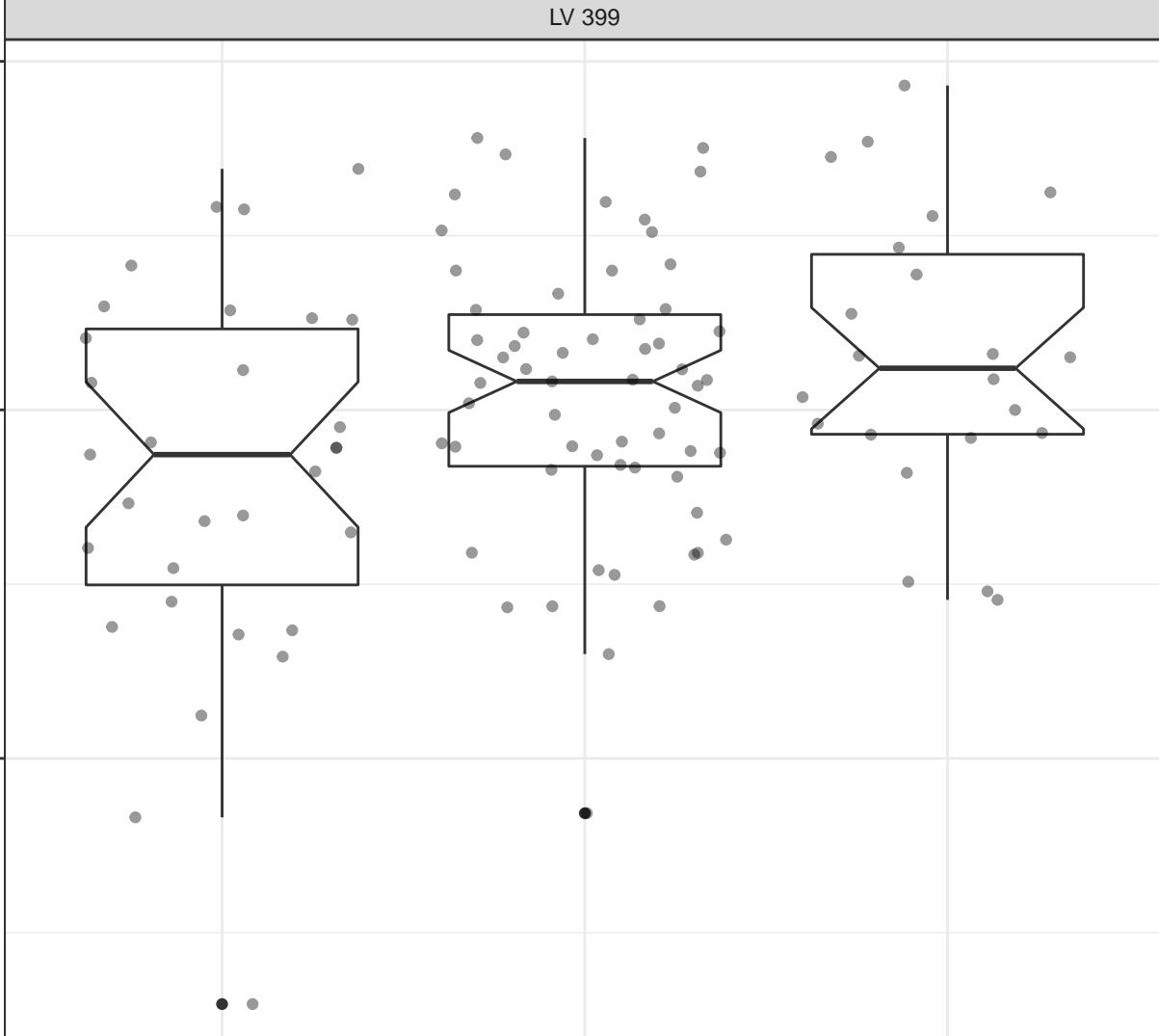
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 400

Value

0.06

0.03

0.01

-0.03

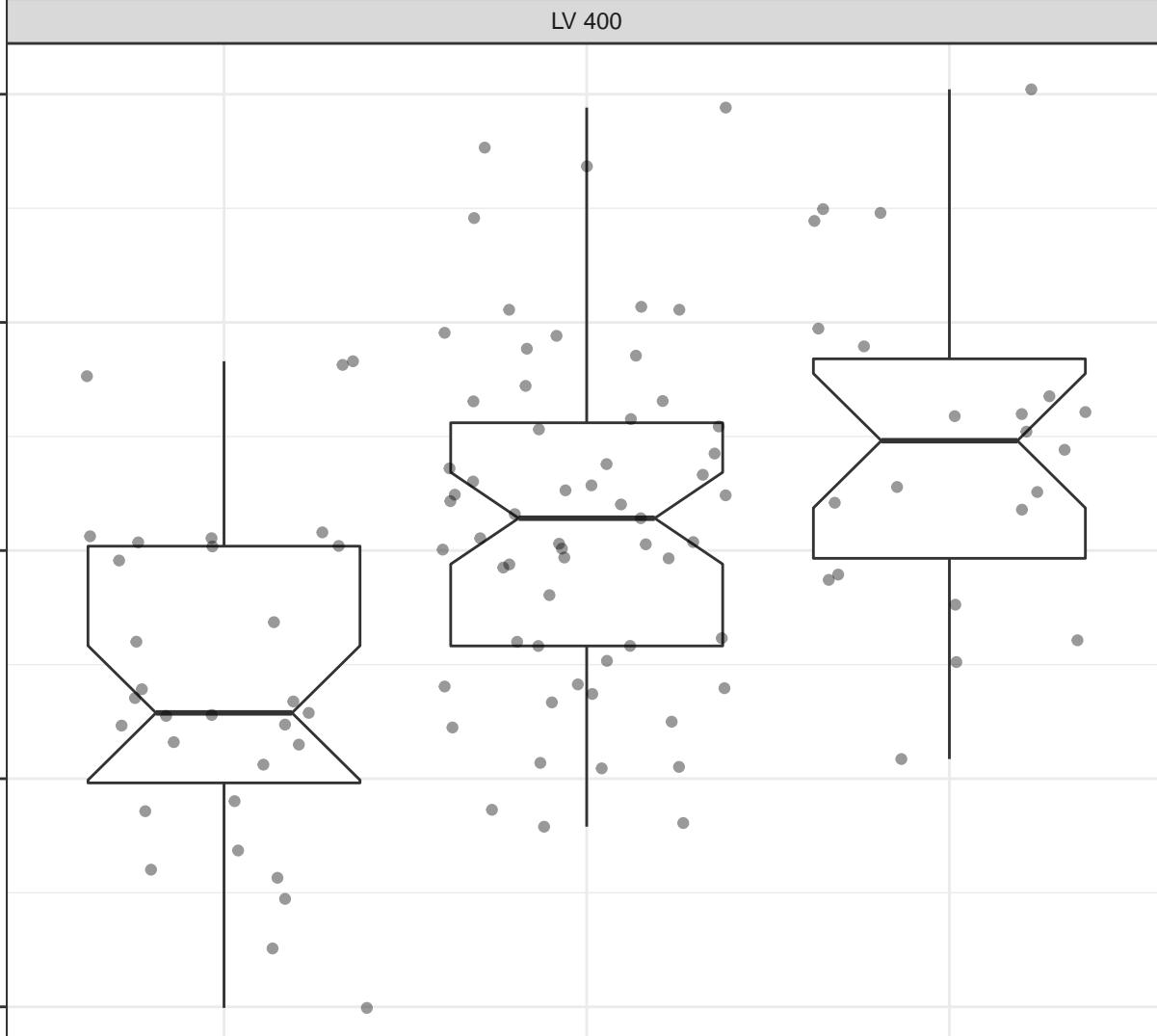
-0.06

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 401

Value

0.05

0.00

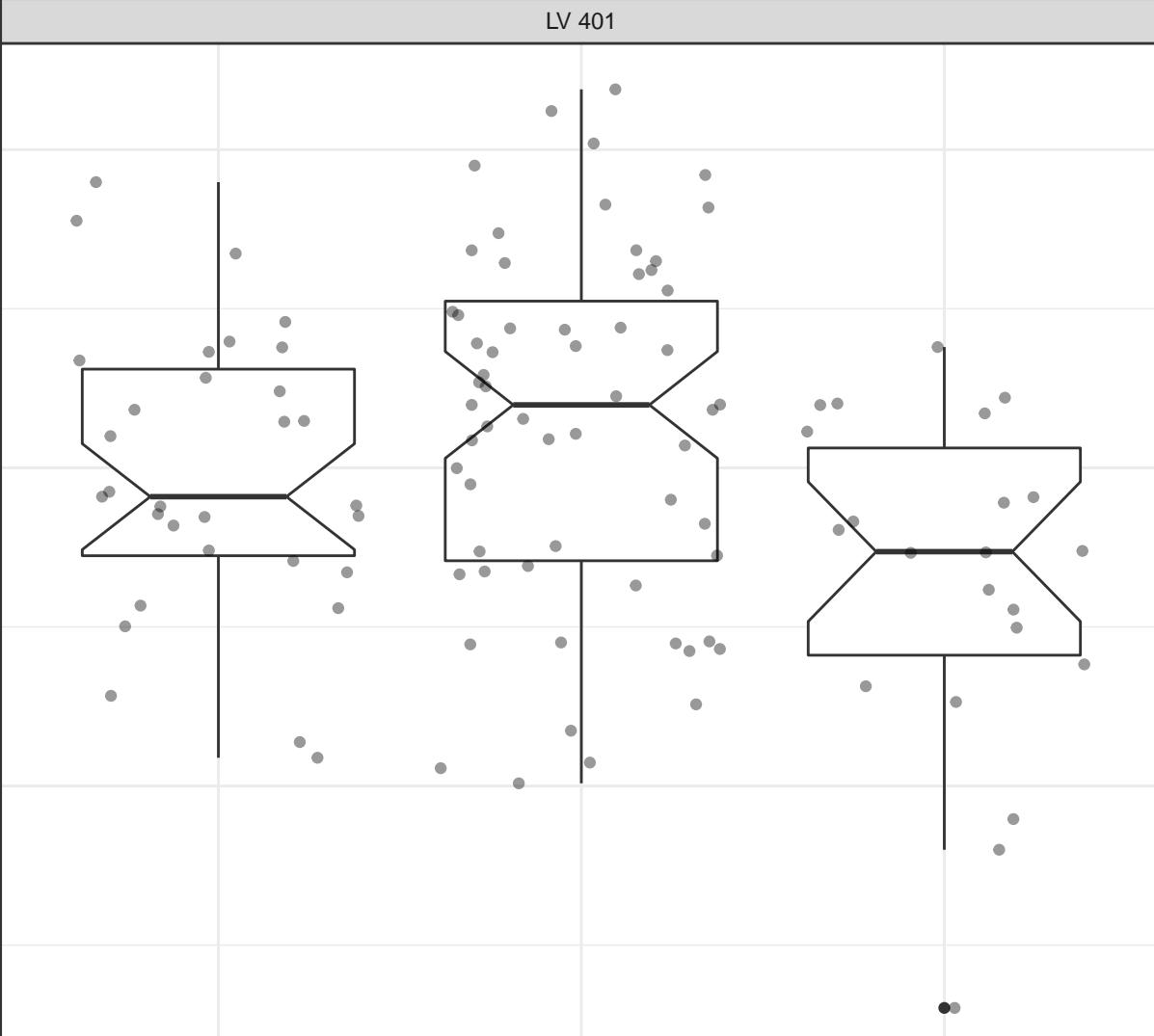
-0.05

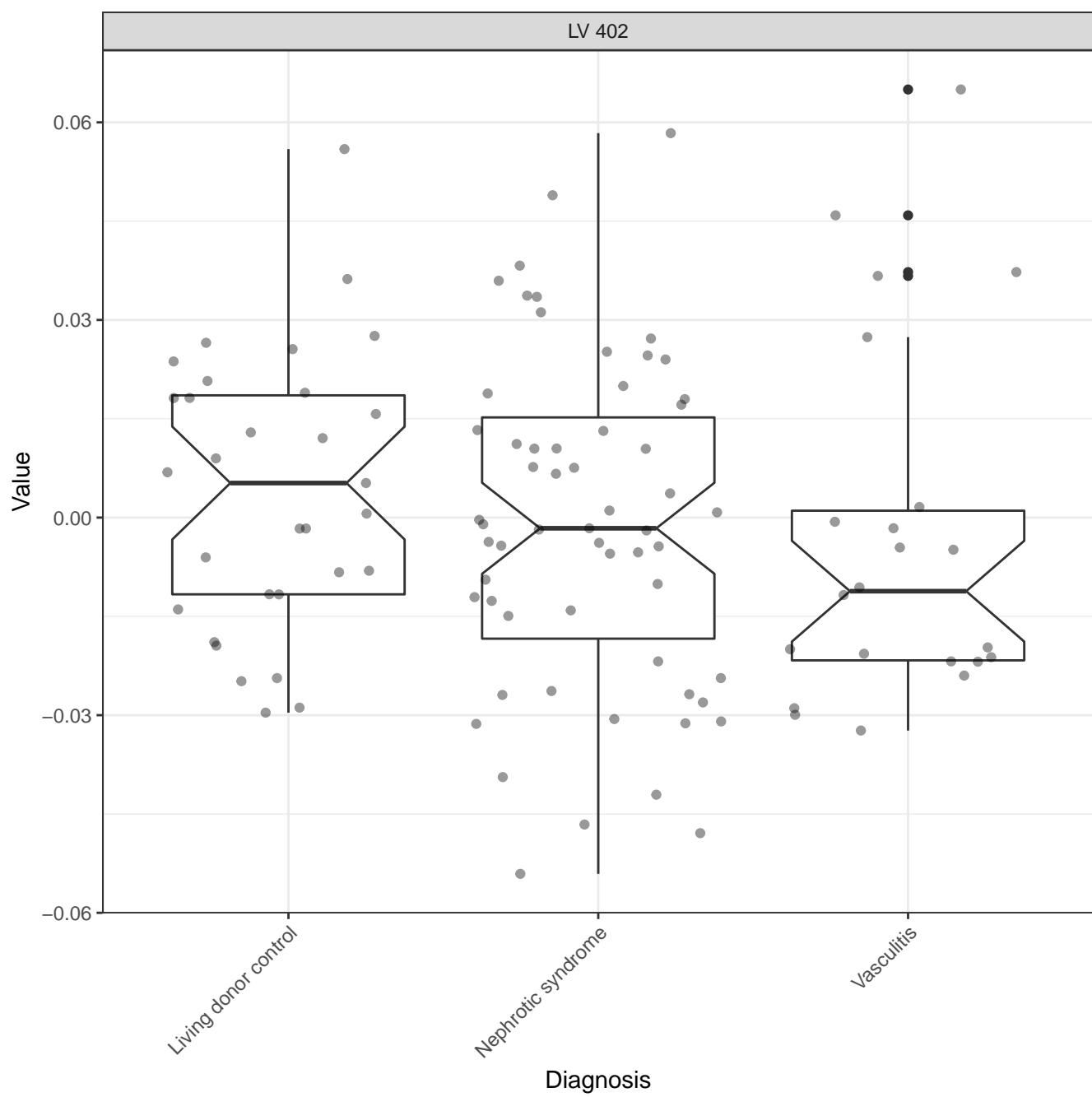
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.05

0.00

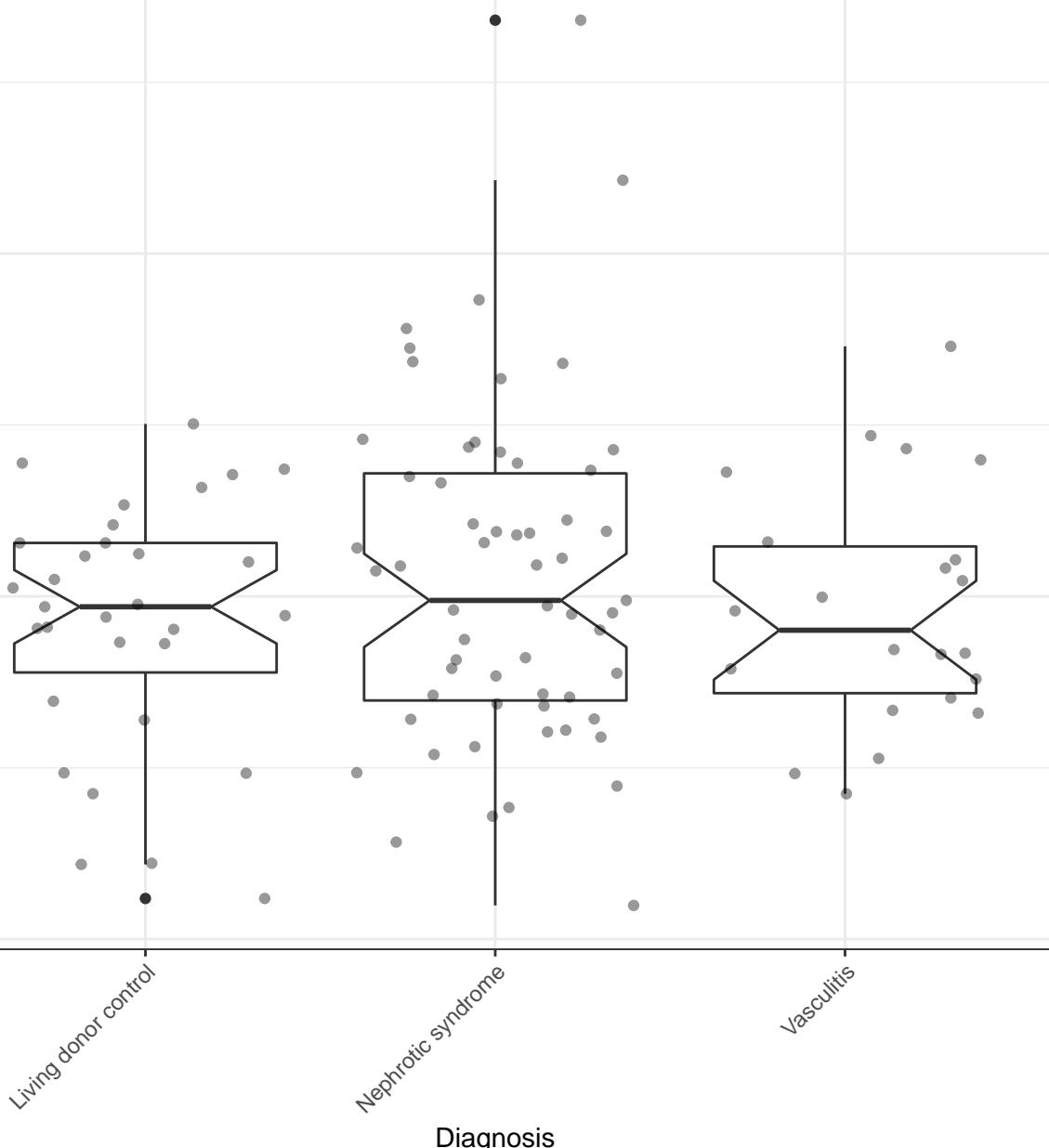
-0.05

Living donor control

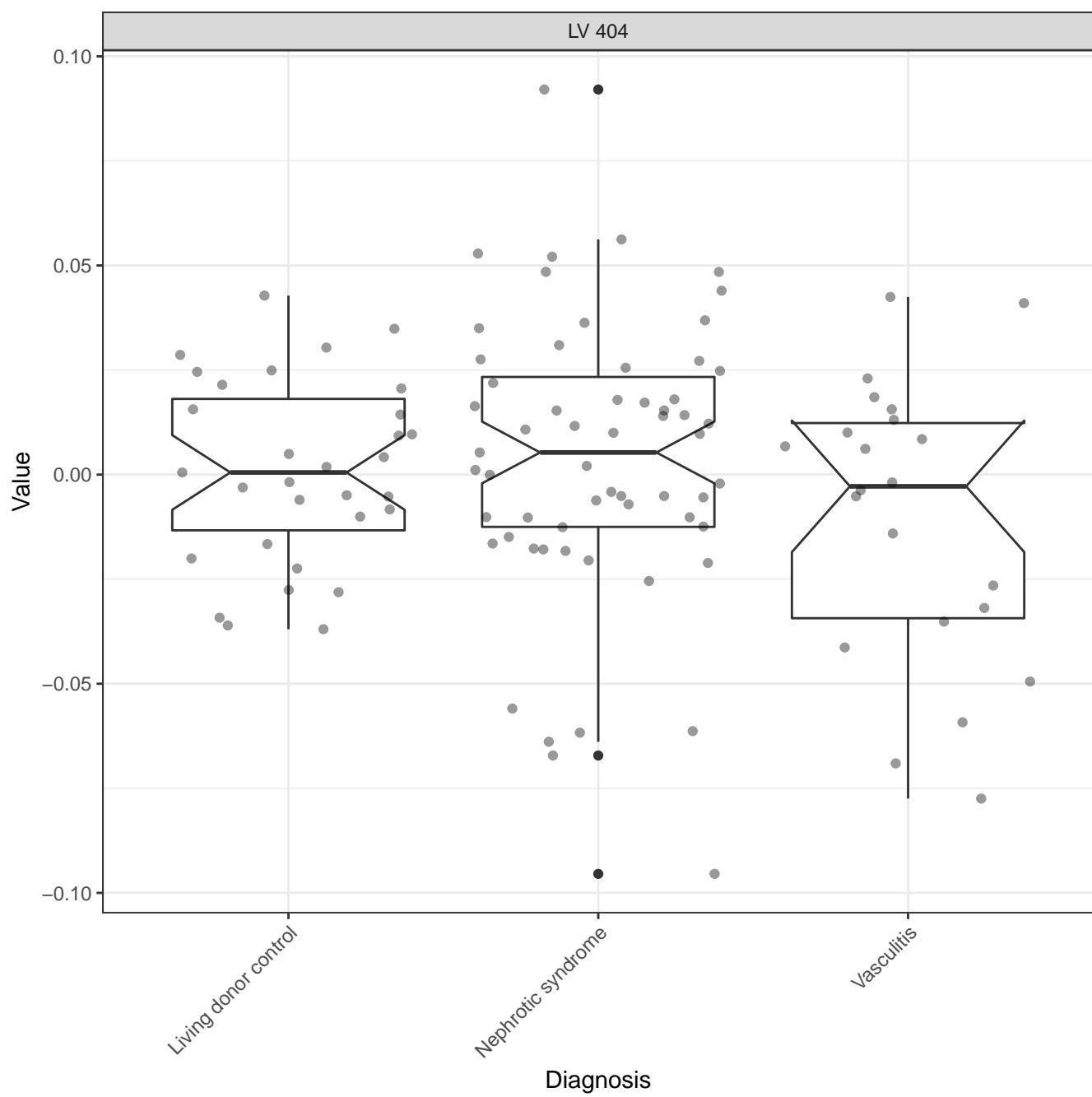
Nephrotic syndrome

Vasculitis

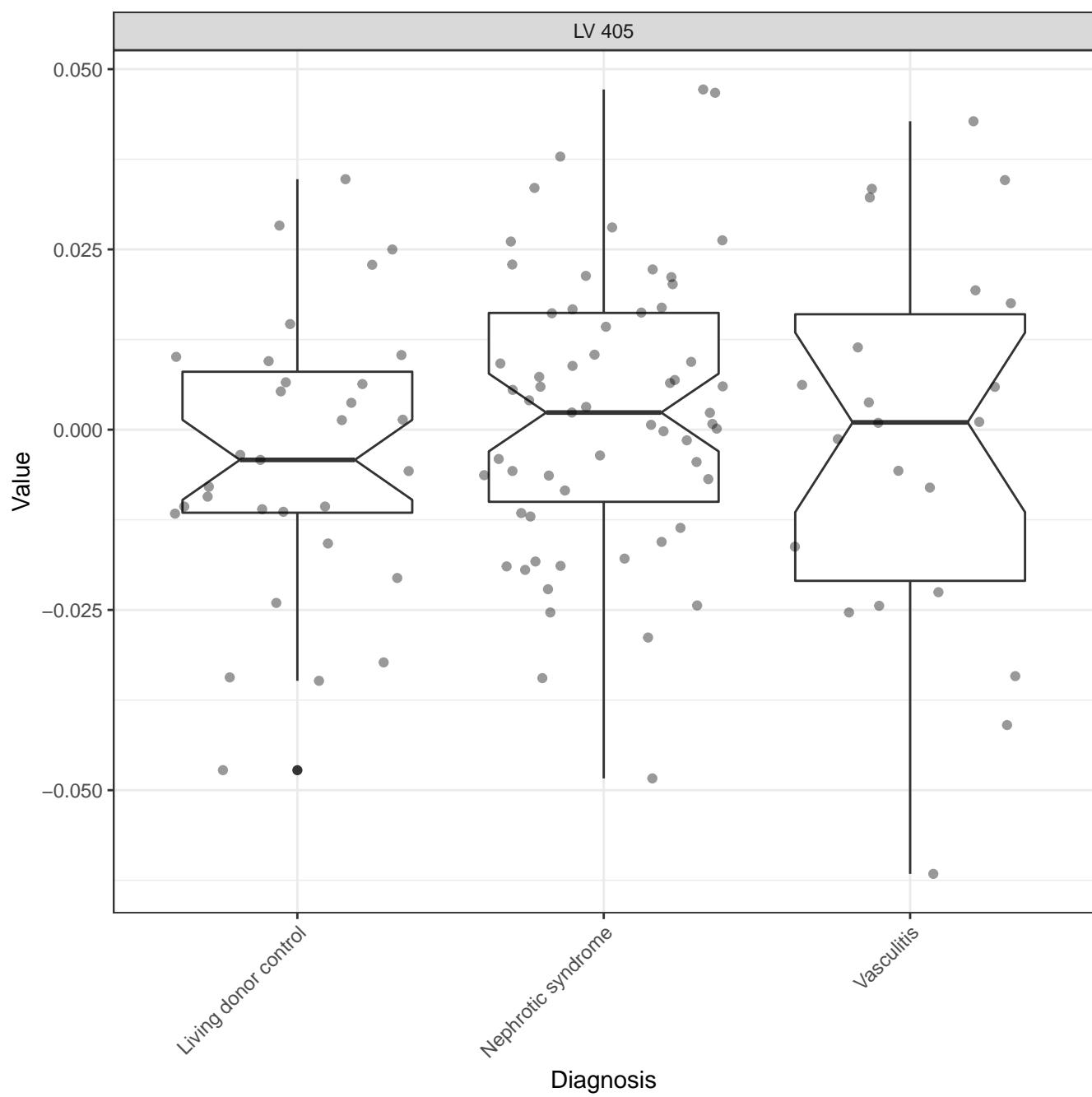
Diagnosis



LV 404



LV 405



Value

0.03

0.01

-0.03

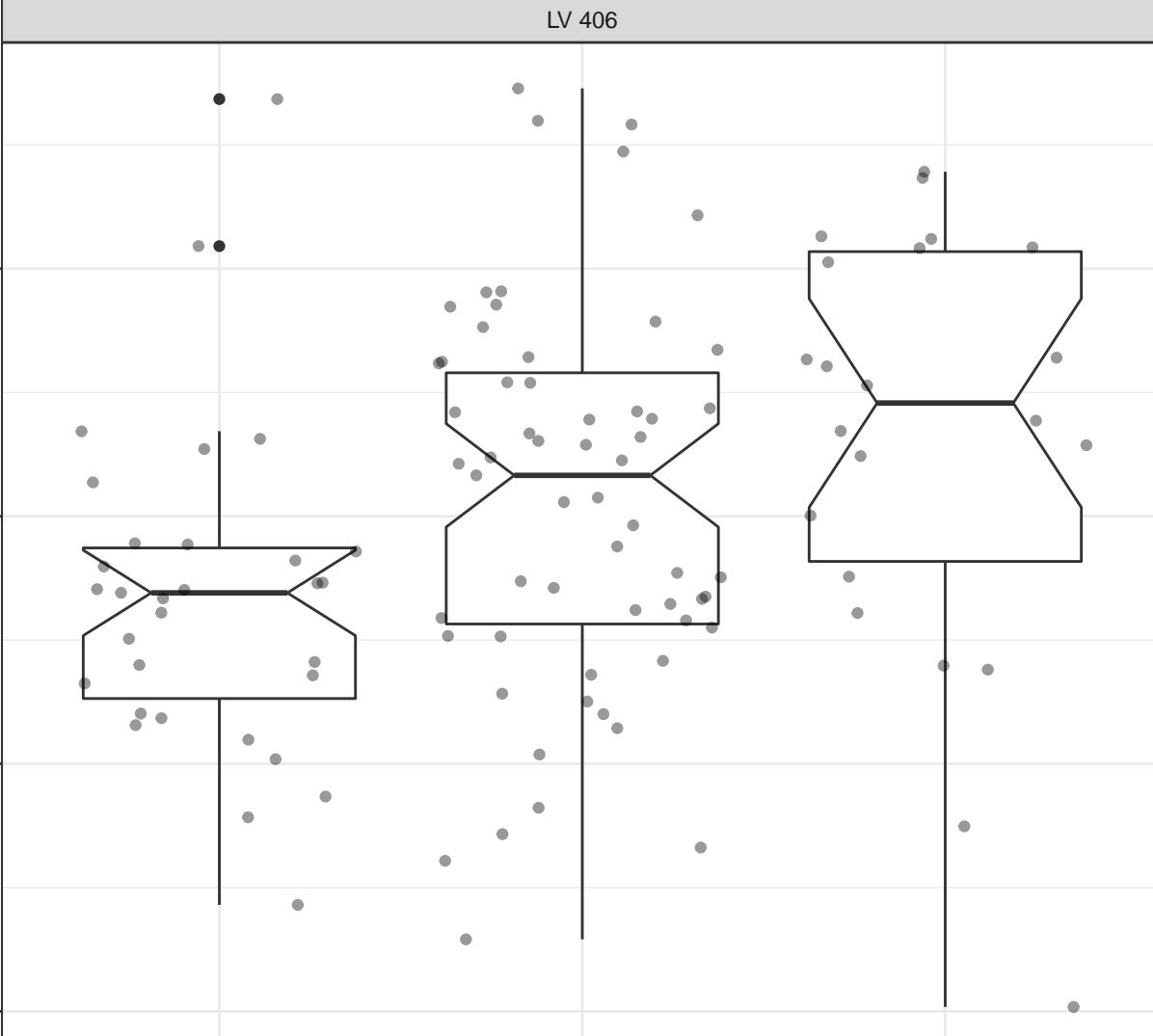
-0.06

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 408

Value

0.04

0.01

-0.04

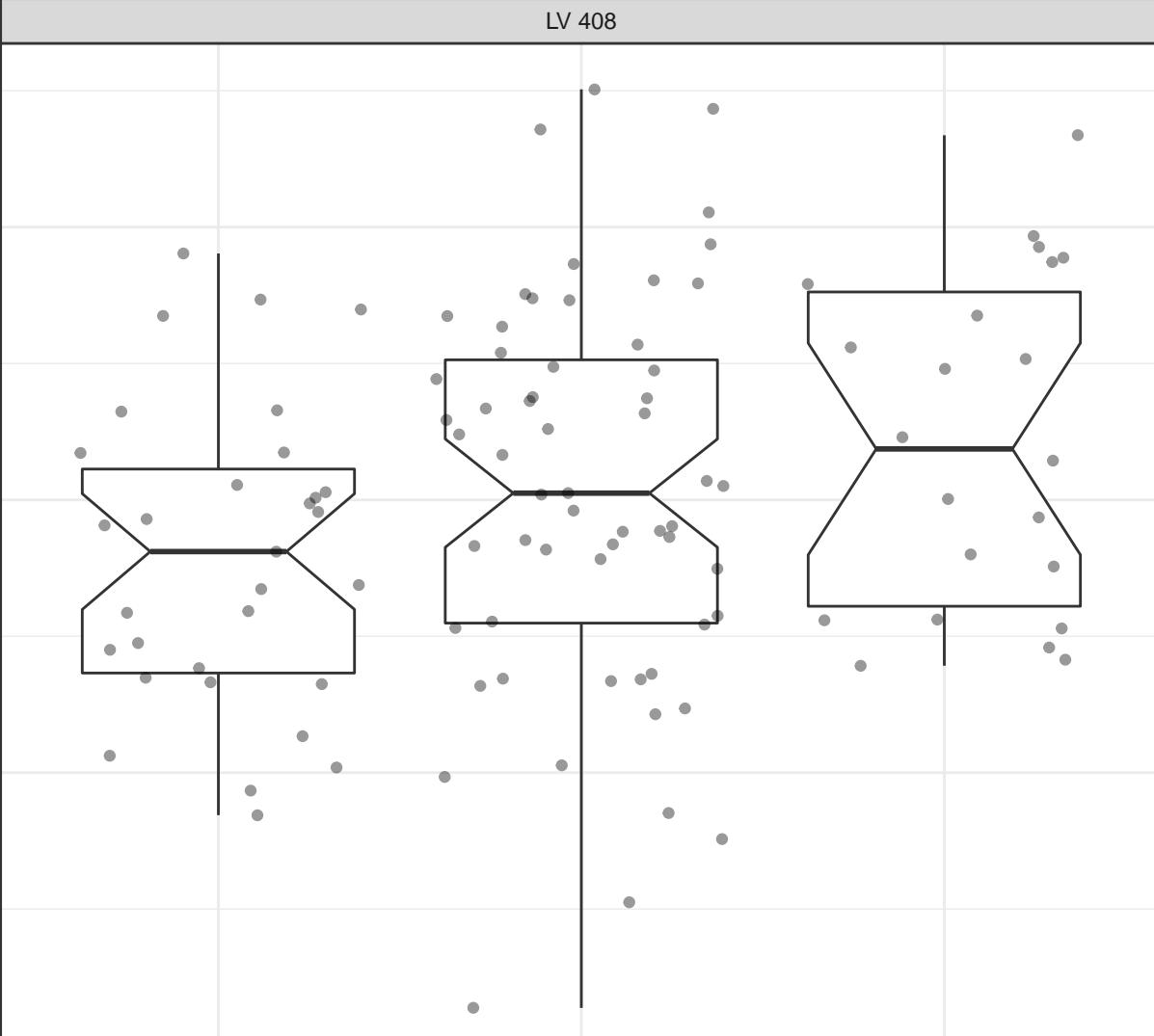
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

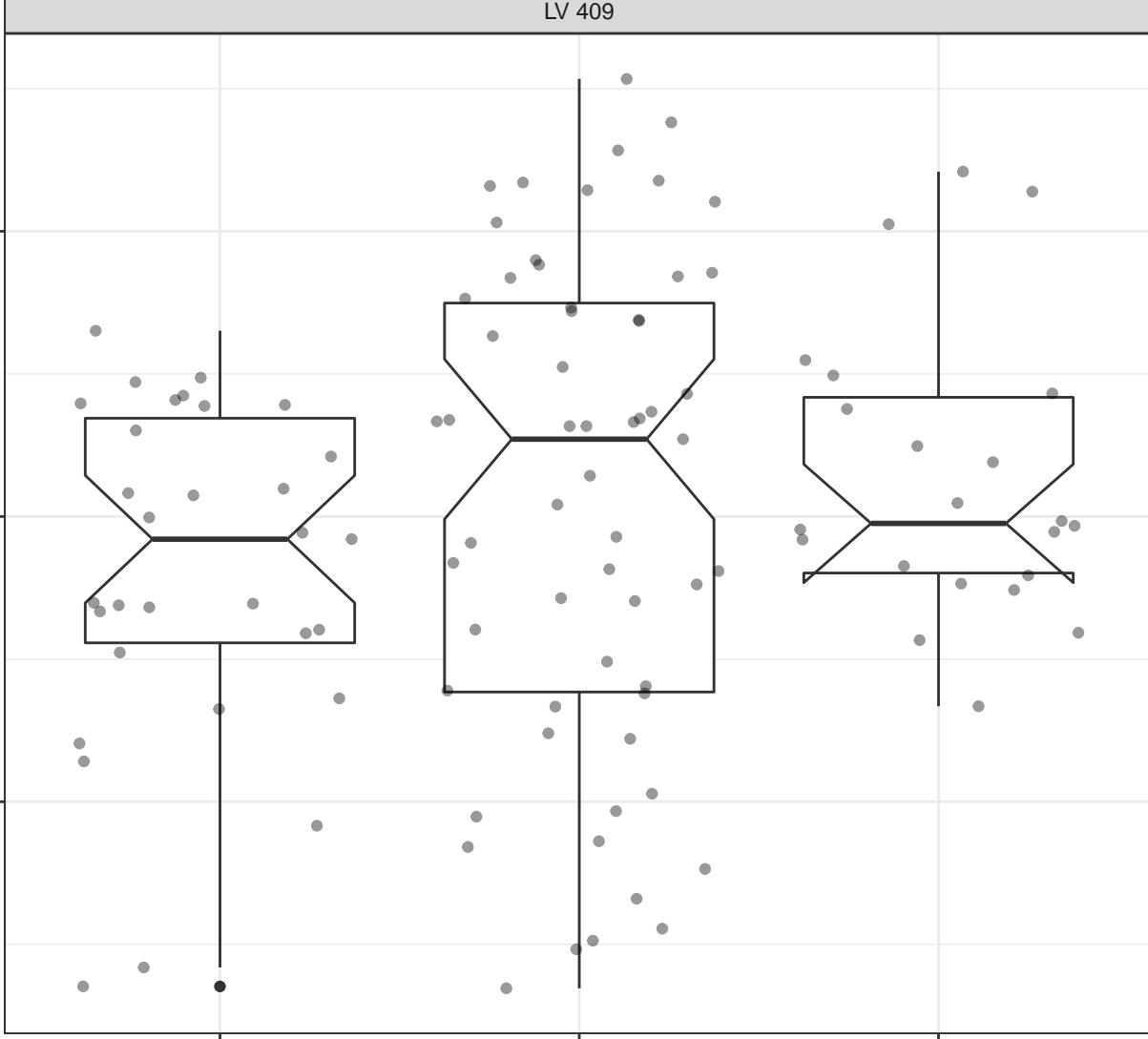
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

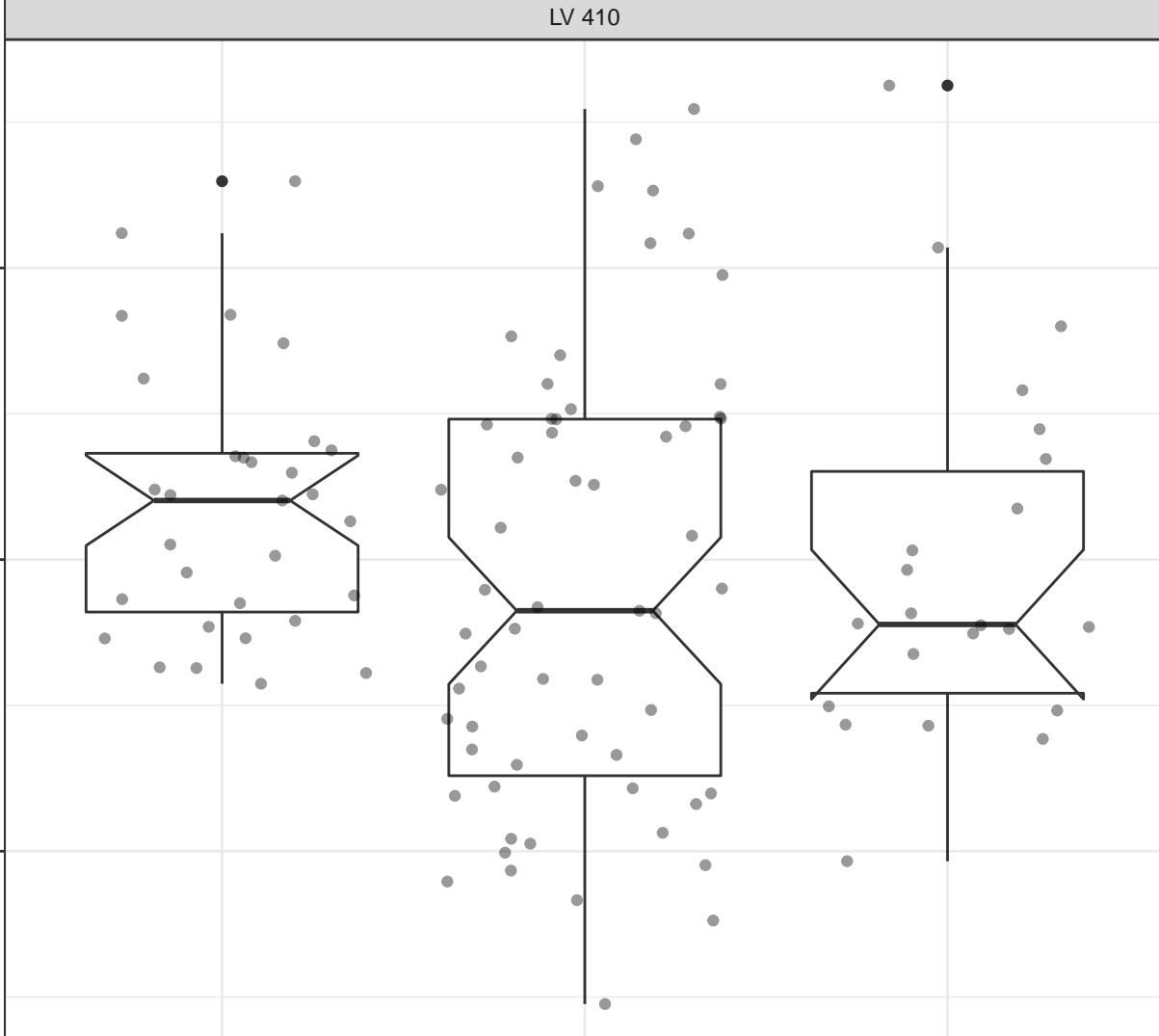
-0.05

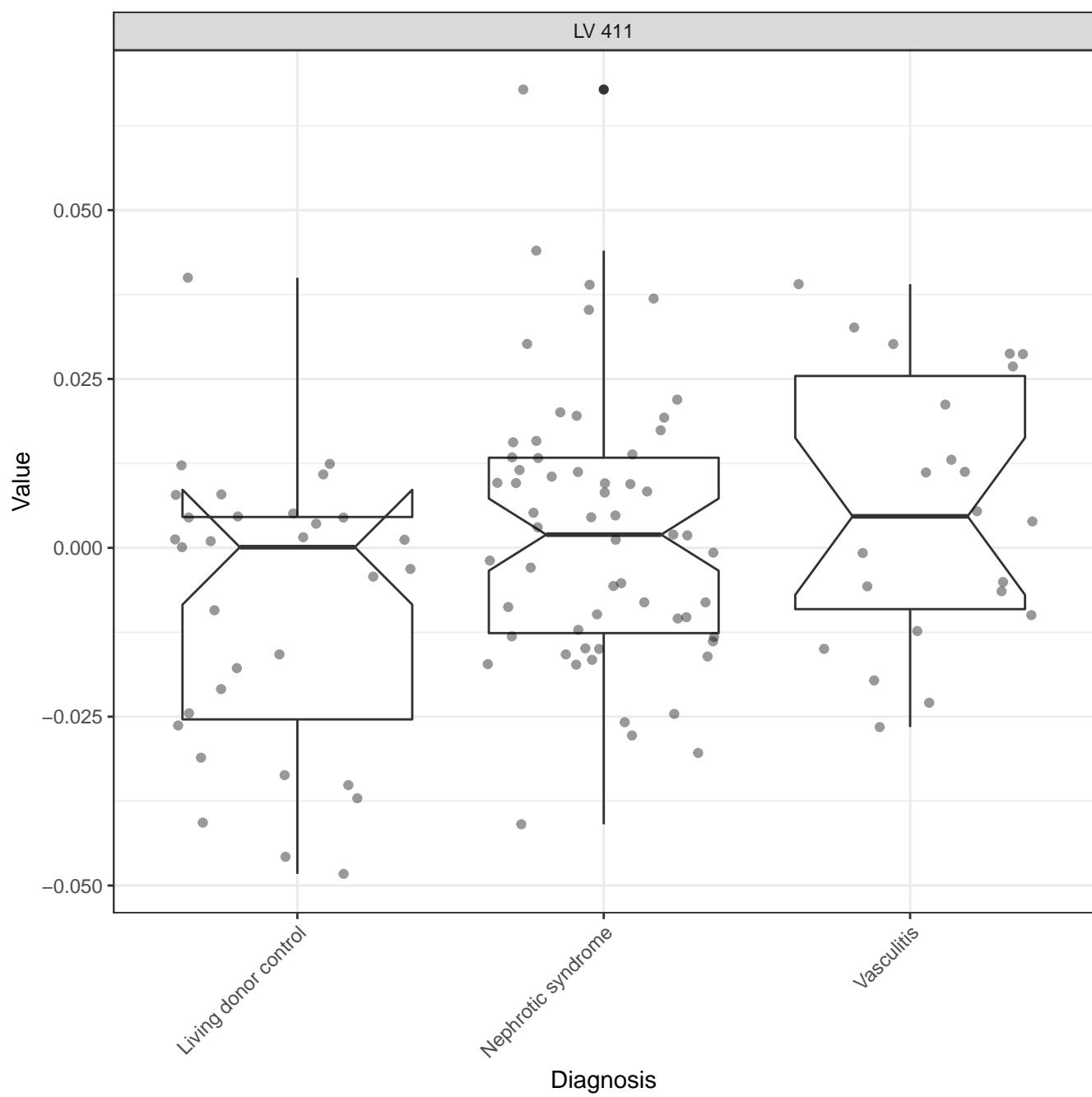
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.04

0.00

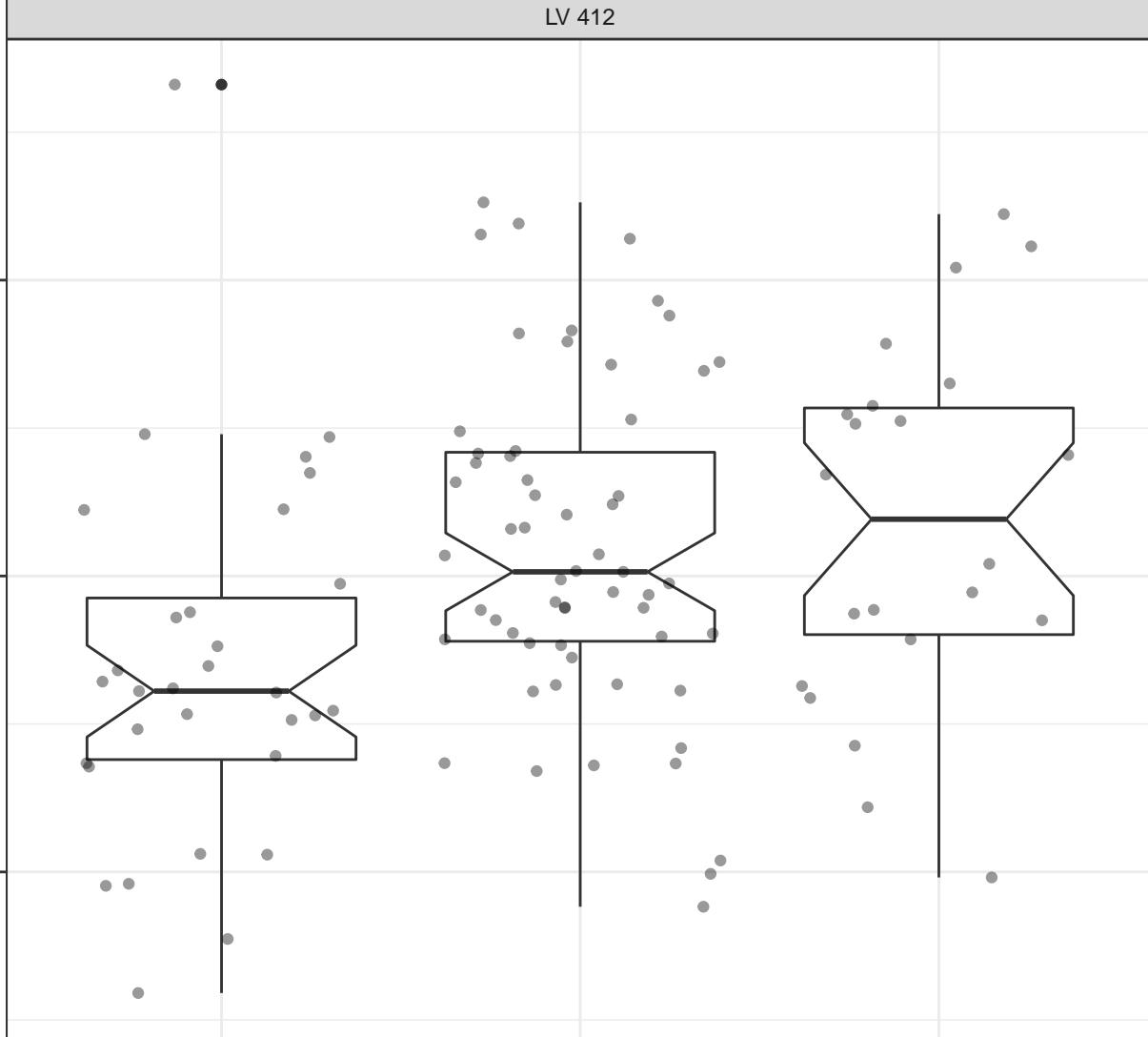
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

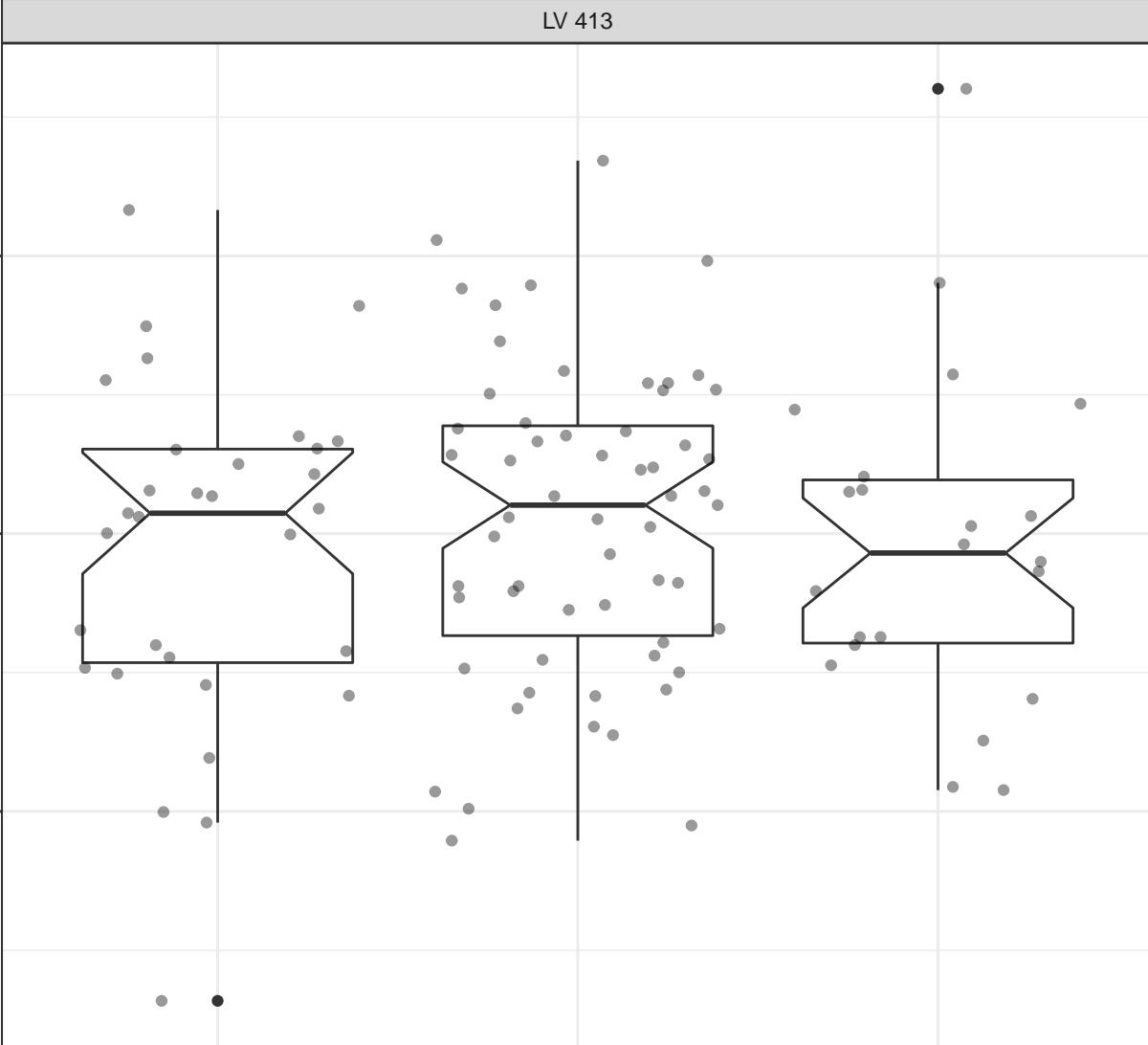
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 414

Value

0.04

0.00

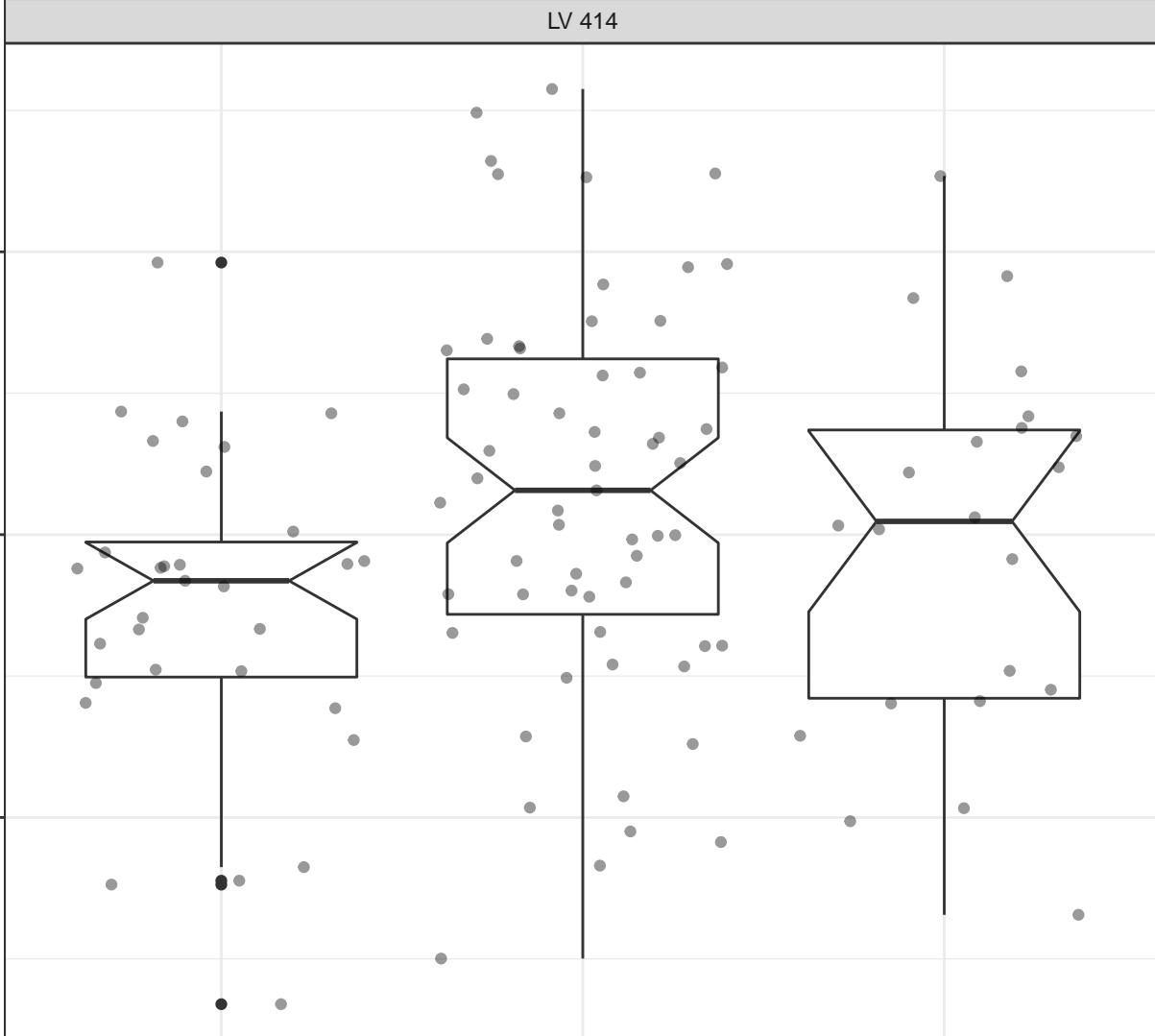
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 415

Value

0.08

0.04

0.00

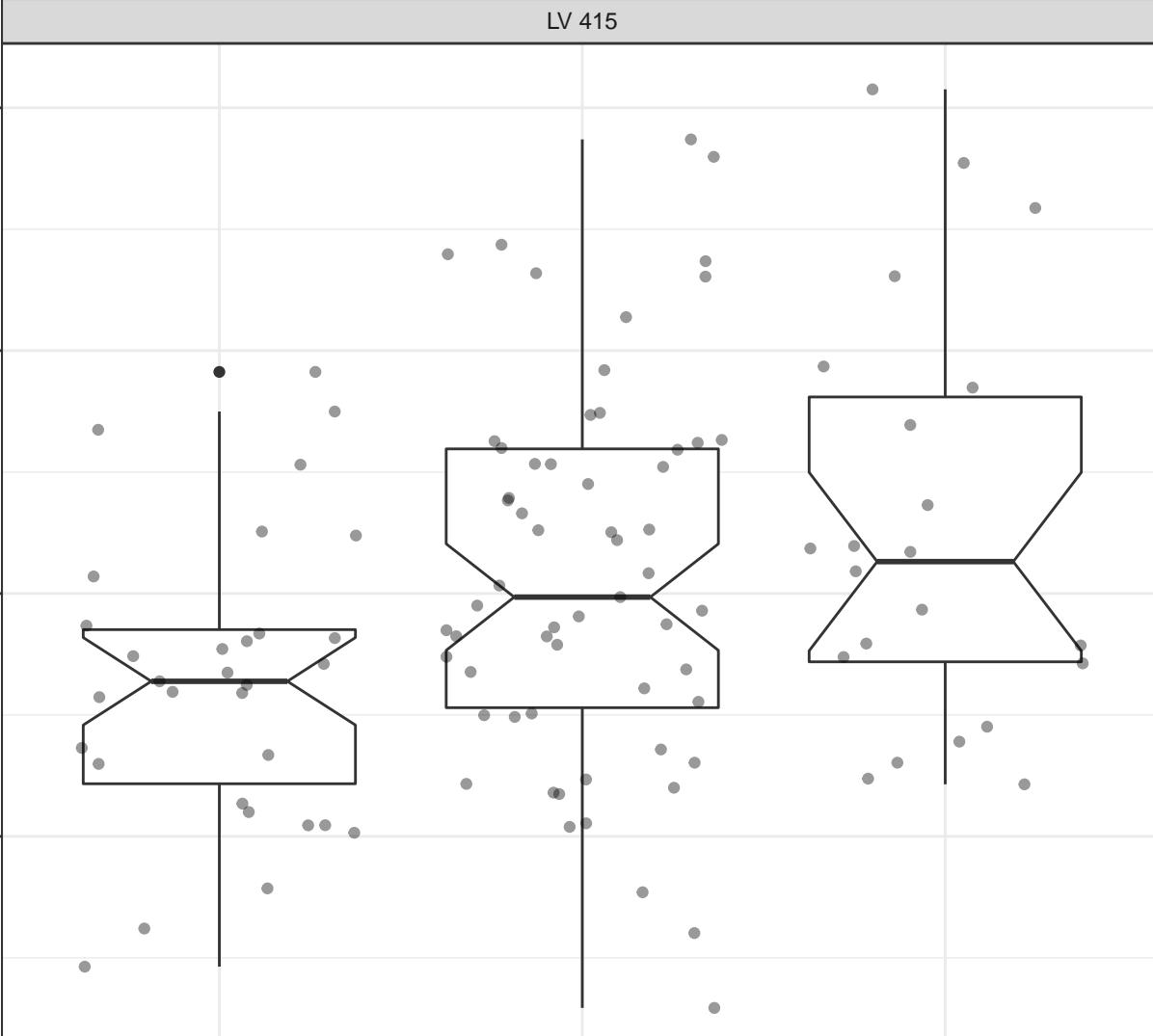
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

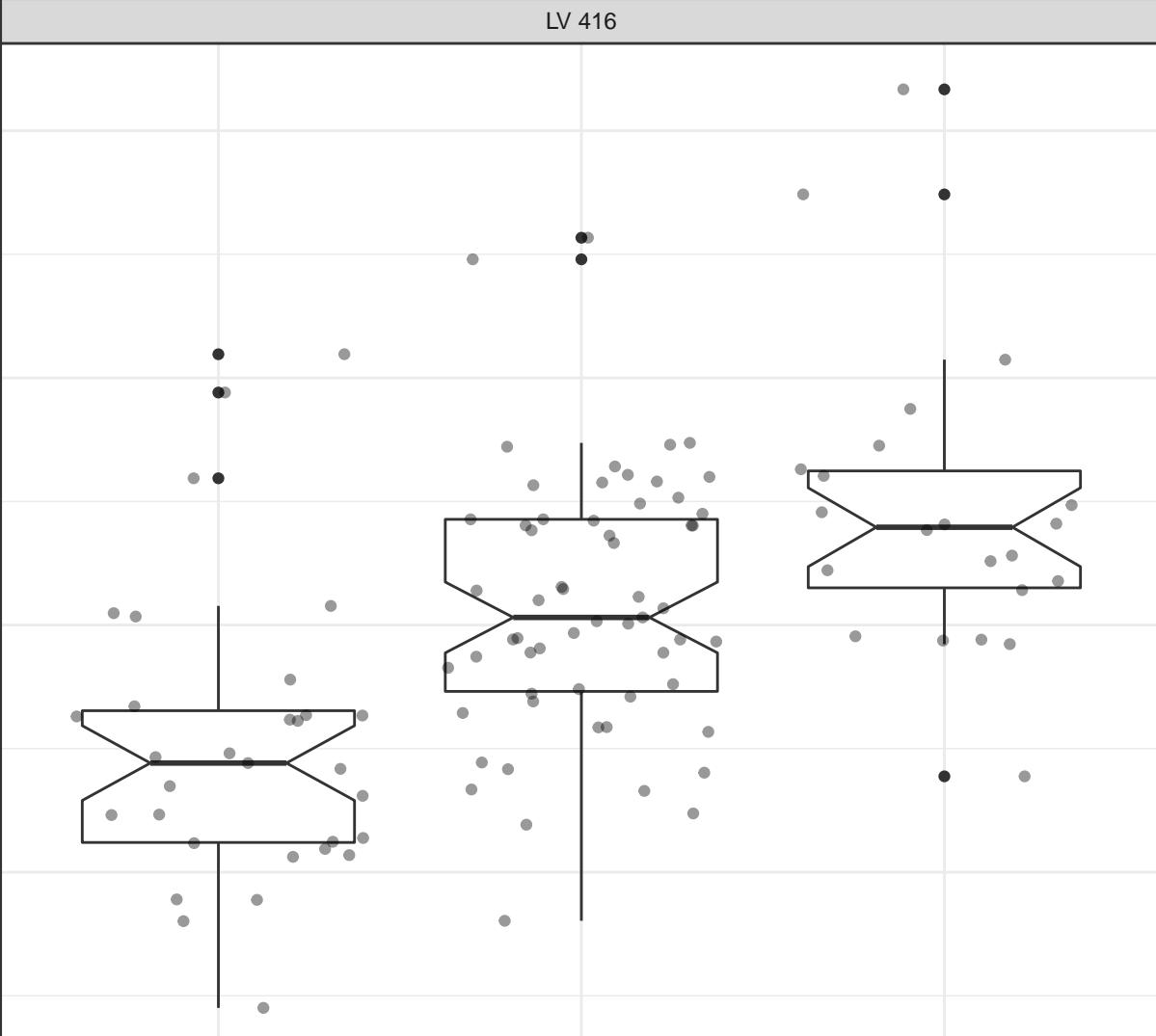
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

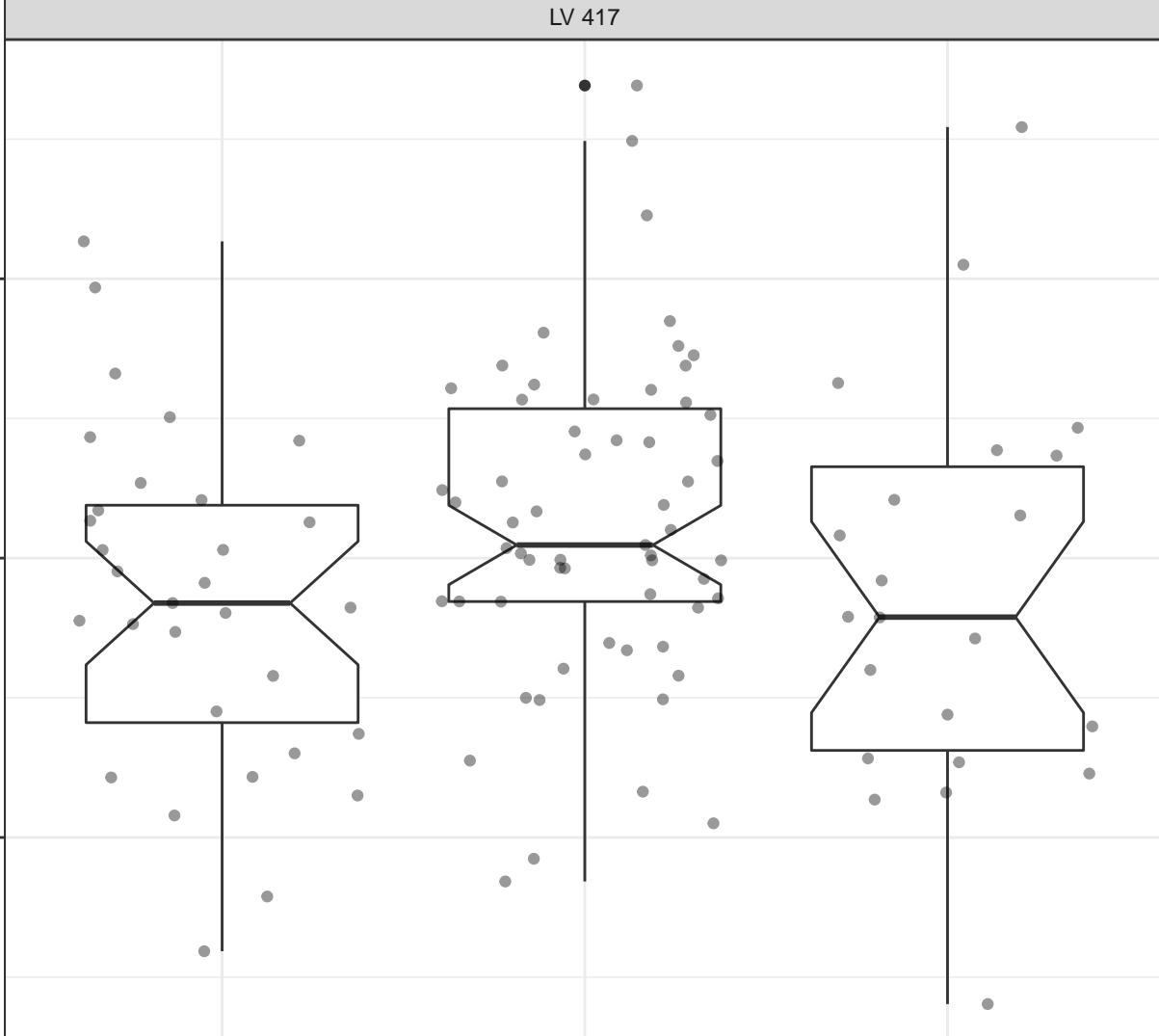
-0.04

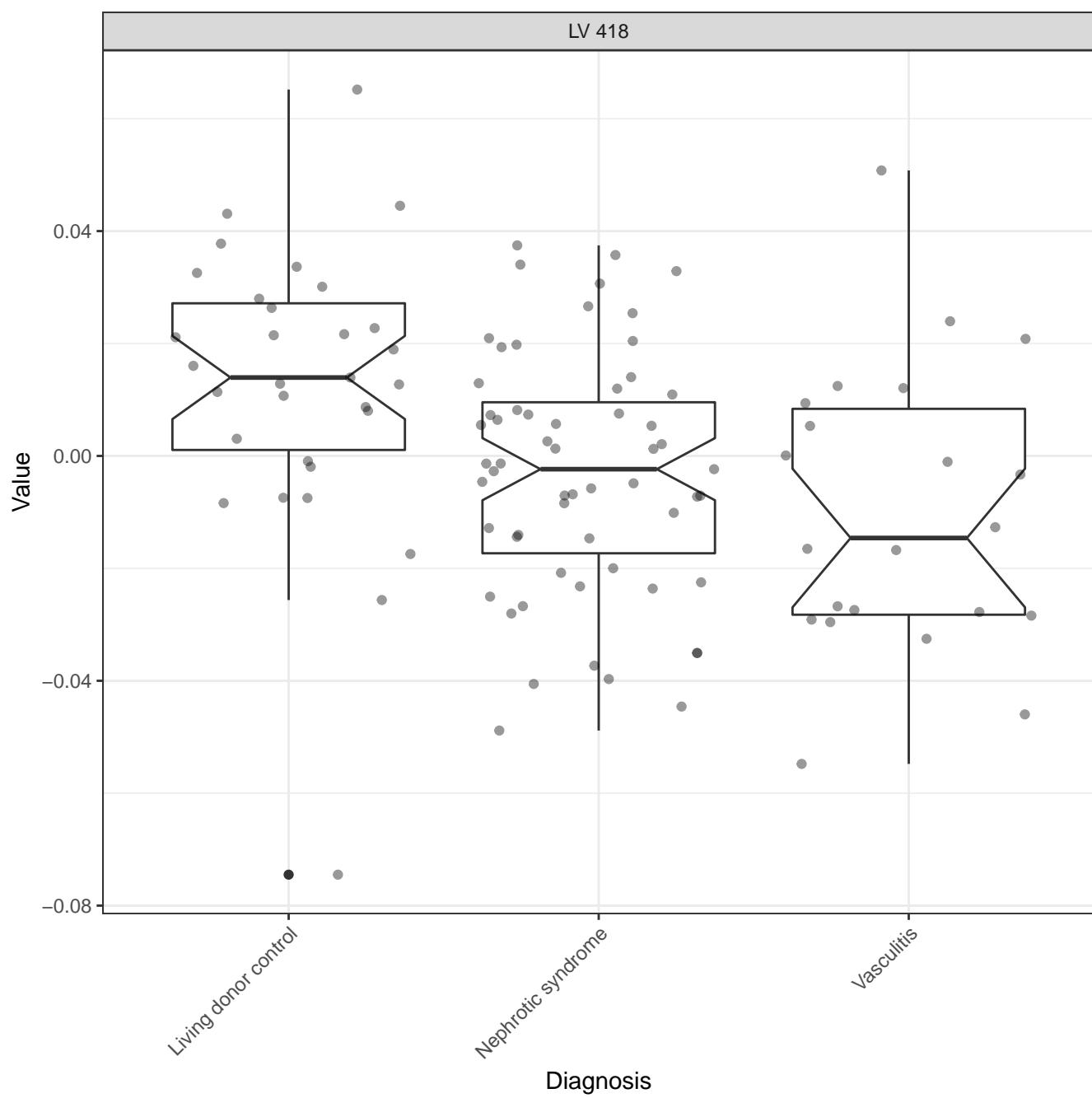
Living donor control

Nephrotic syndrome

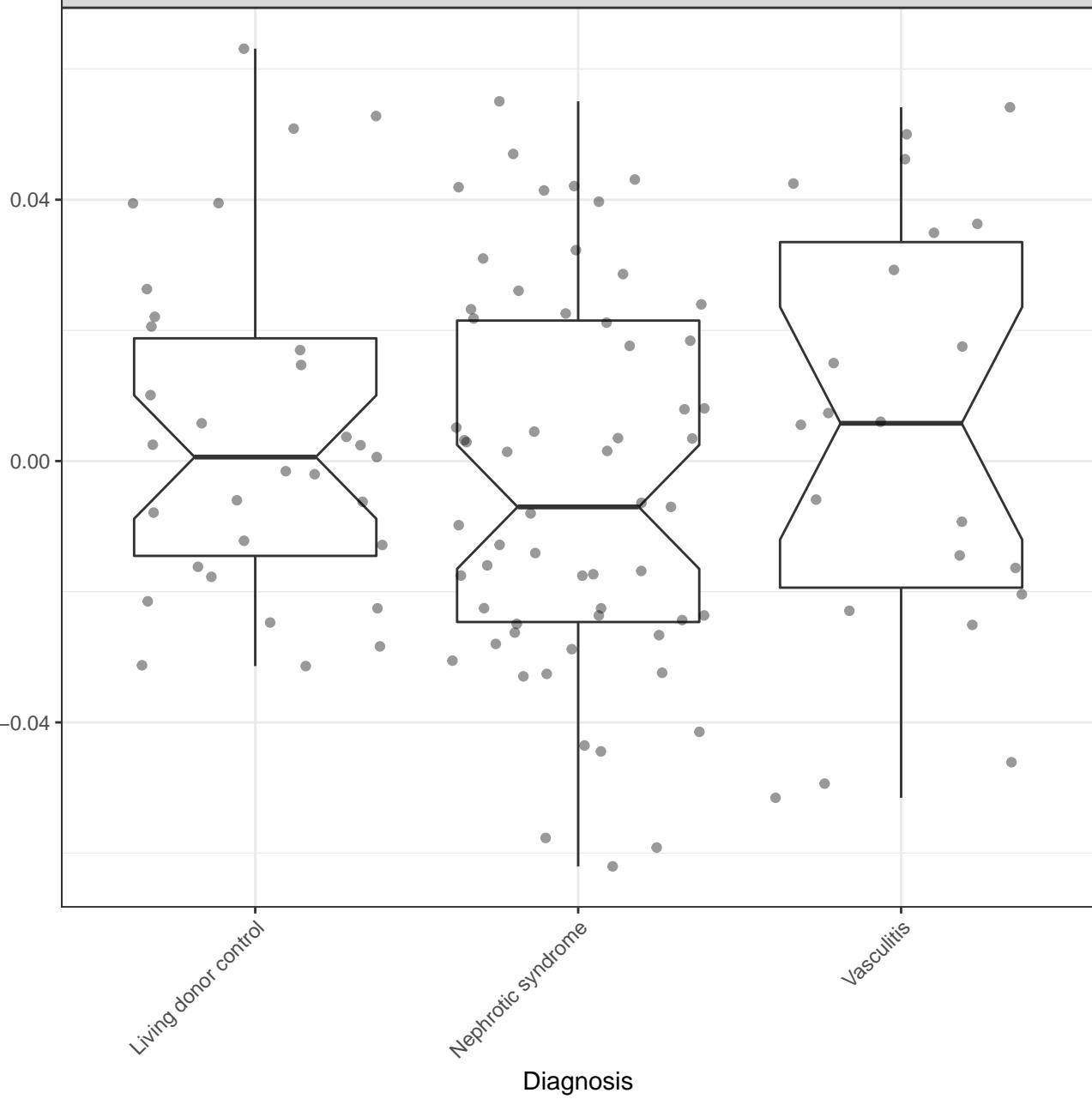
Vasculitis

Diagnosis





Value



Value

0.03

0.01

-0.03

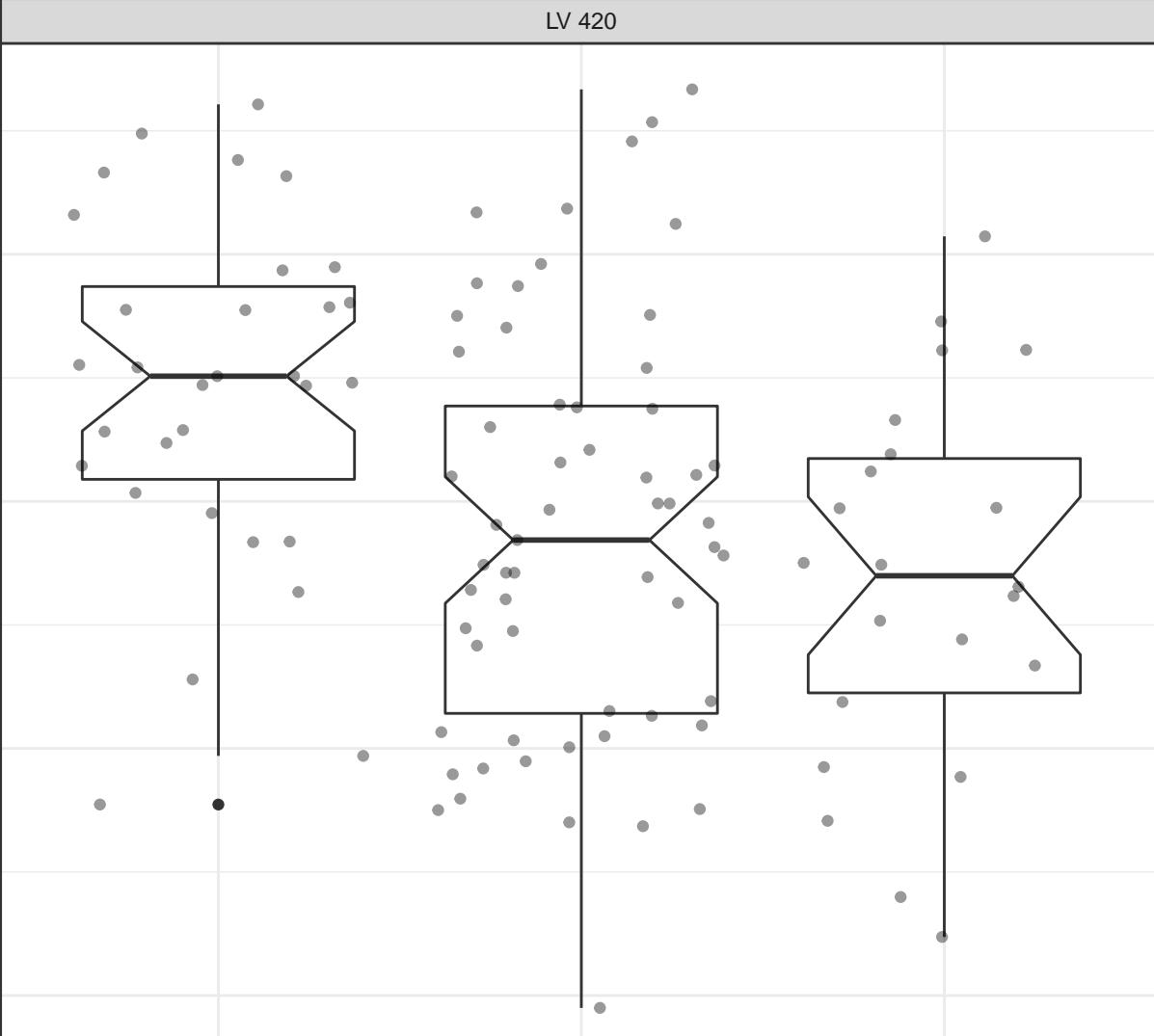
-0.06

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

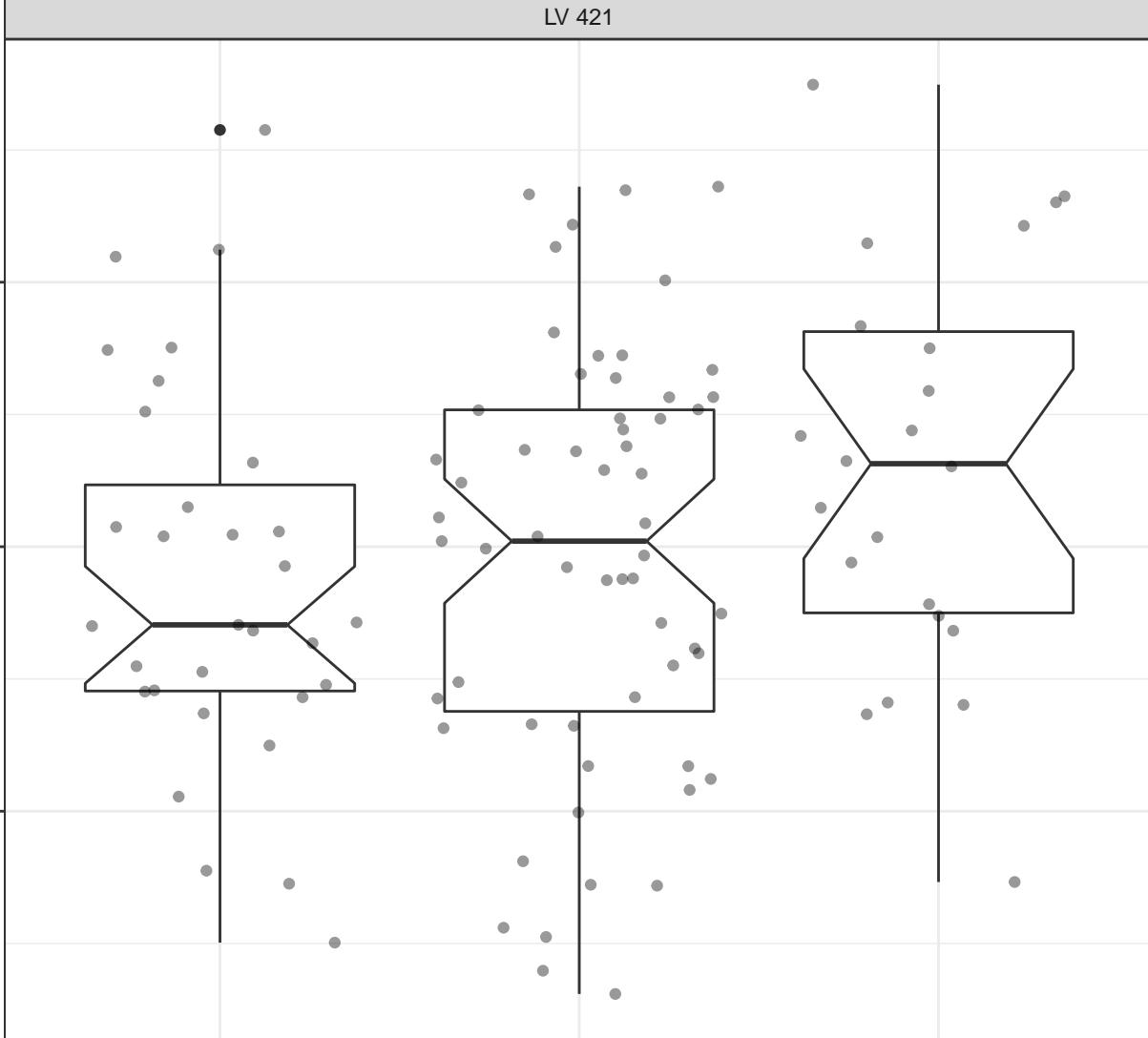
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

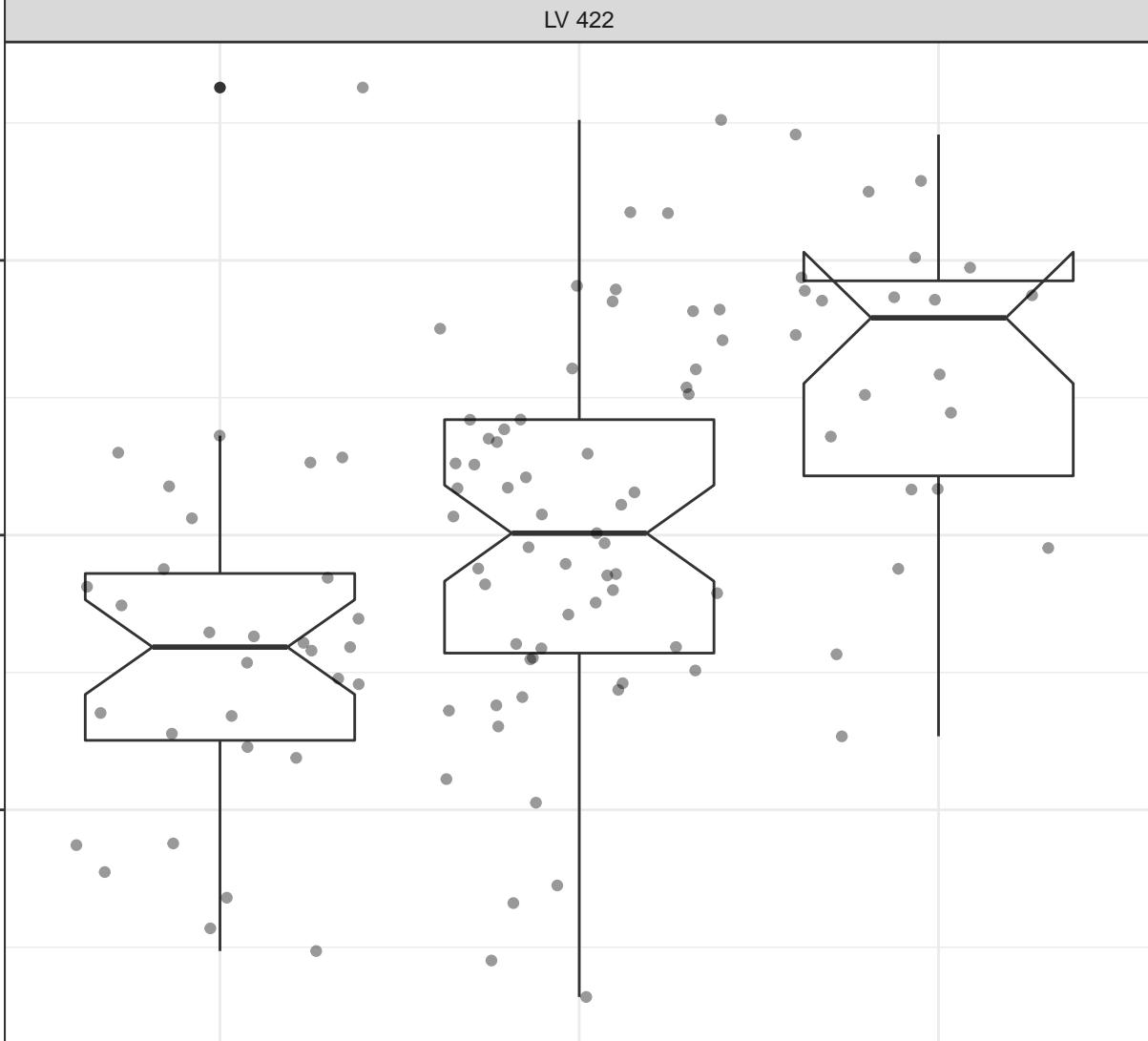
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.01

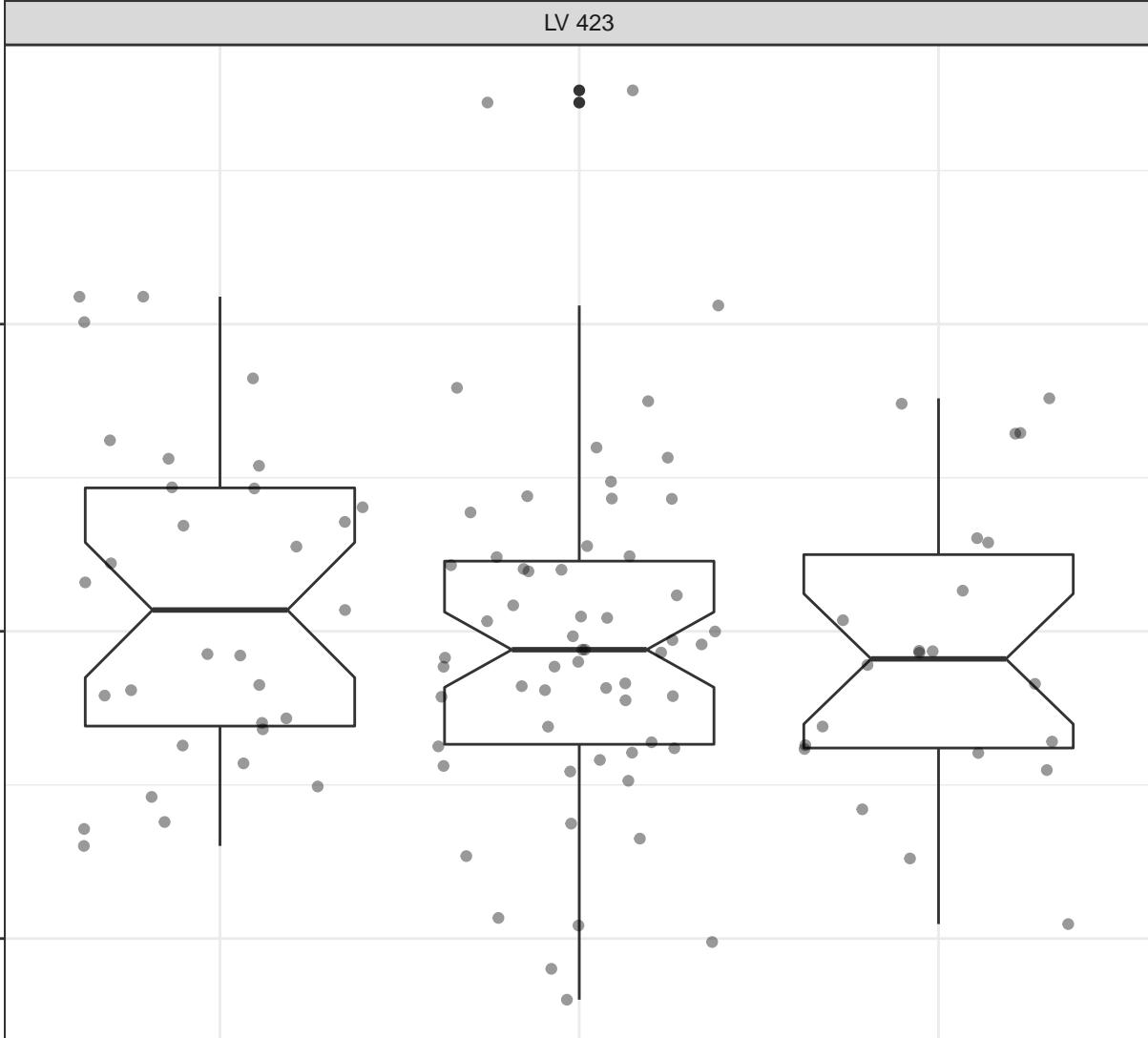
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 424

Value

0.08

0.04

0.00

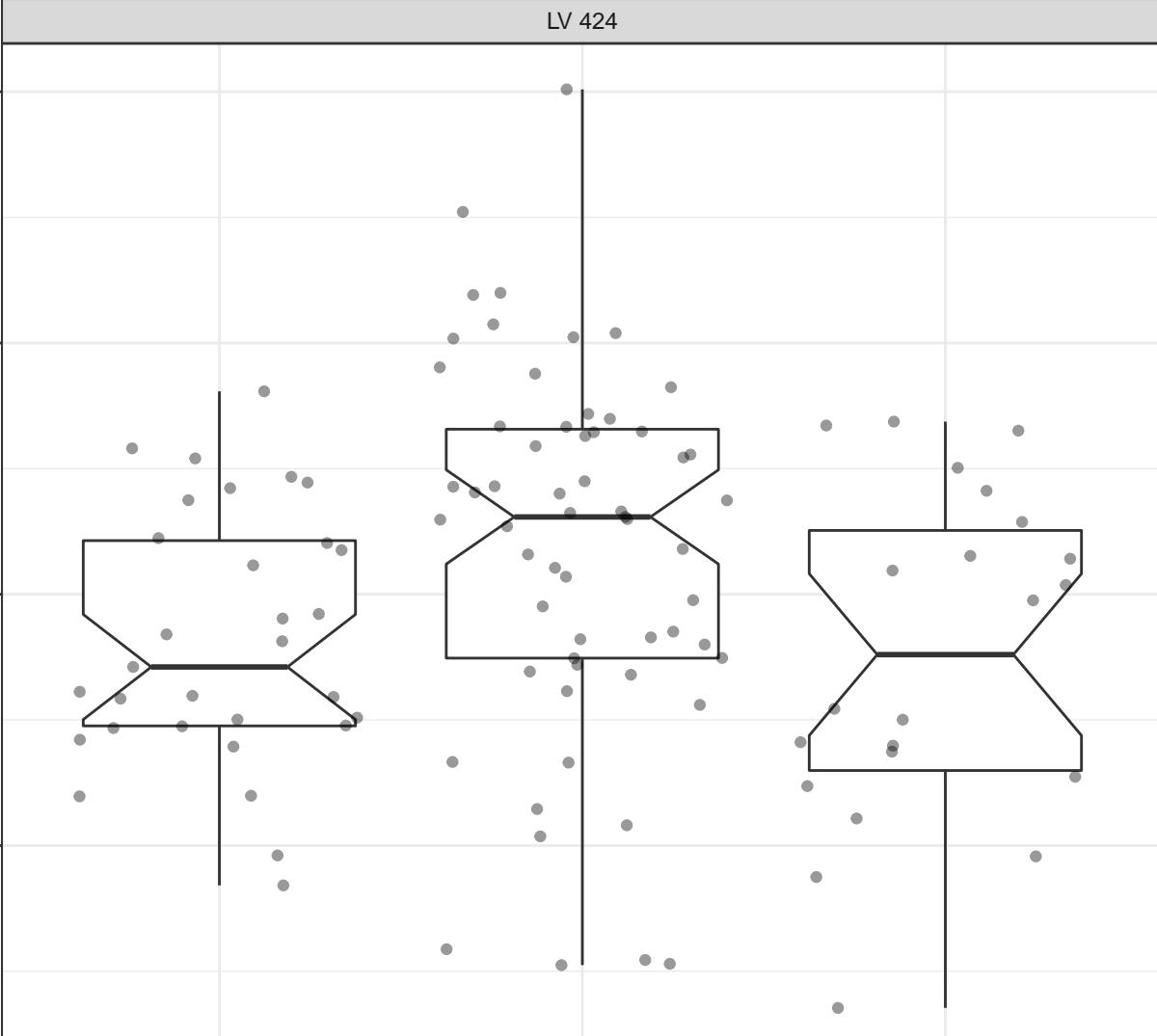
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

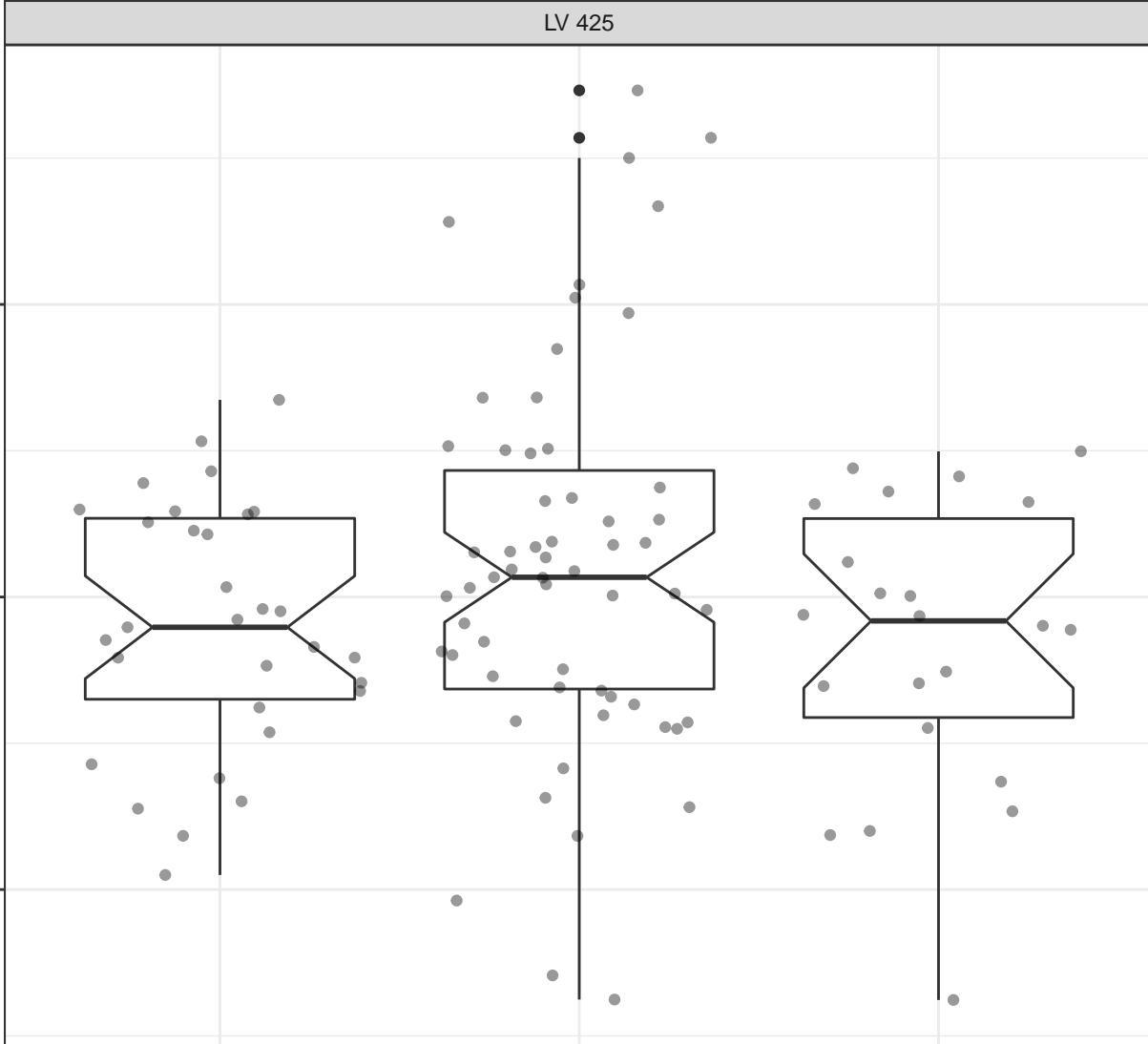
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 426

Value

0.08

0.04

0.00

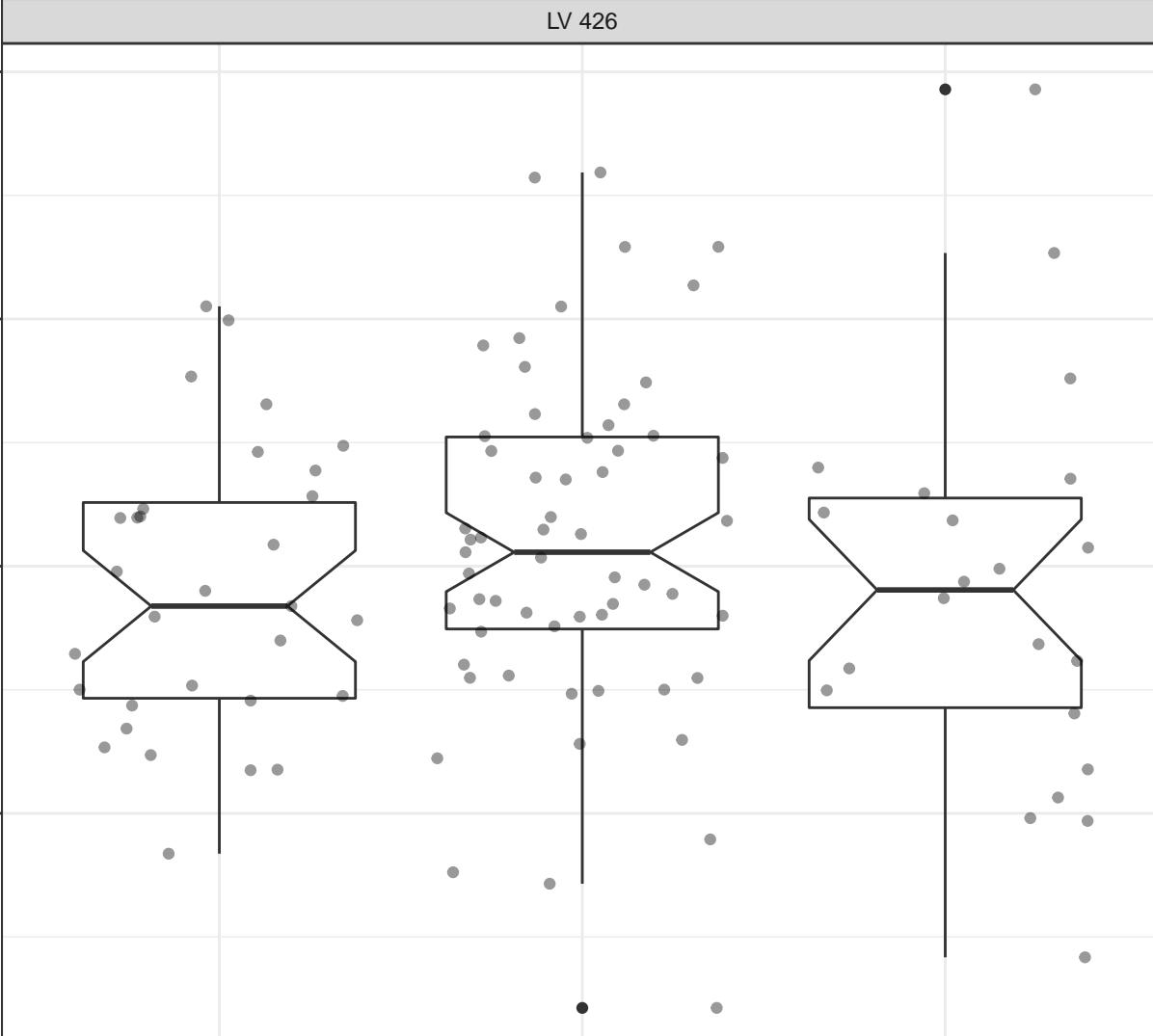
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 427

Value

0.08

0.04

0.00

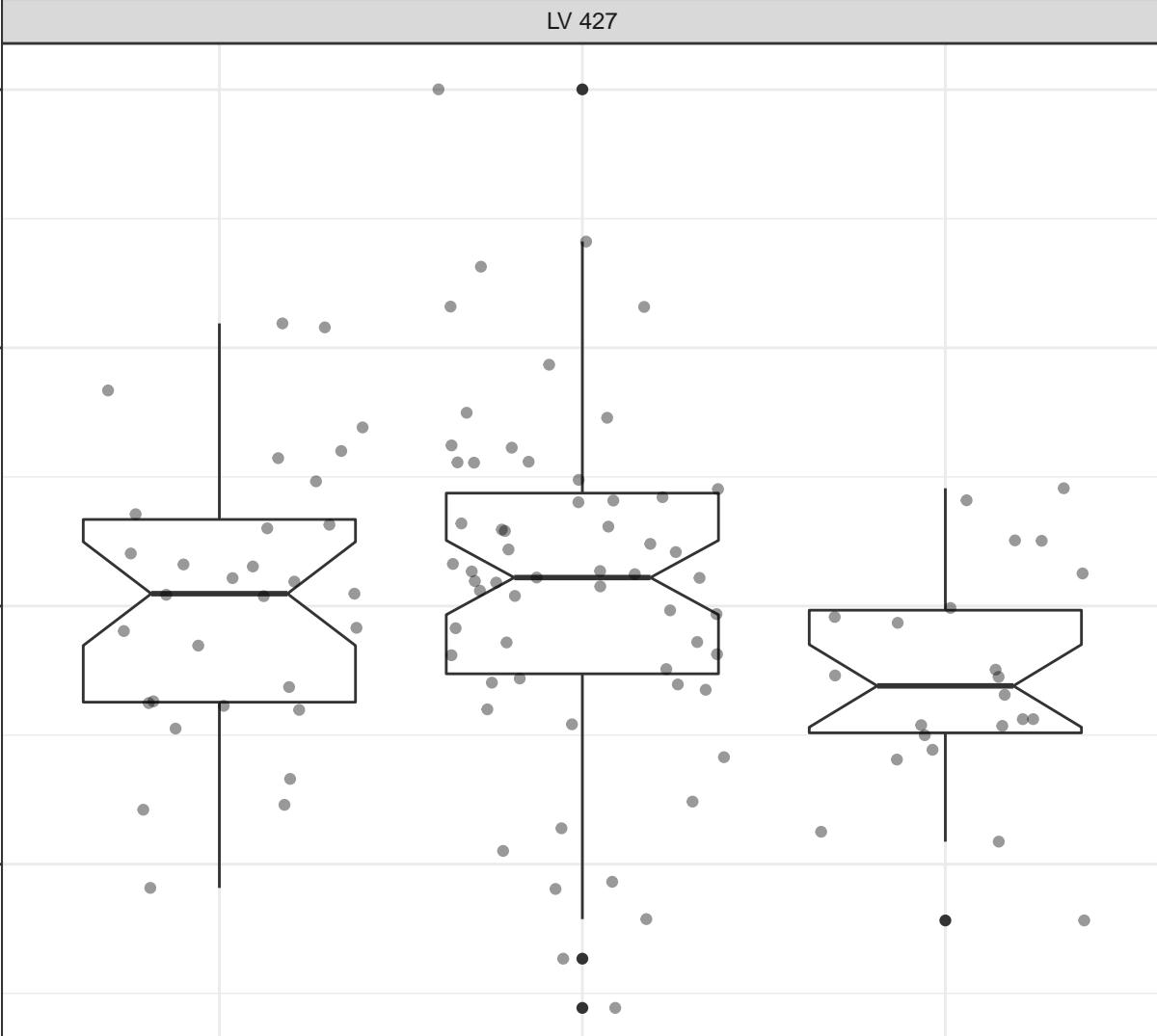
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.01

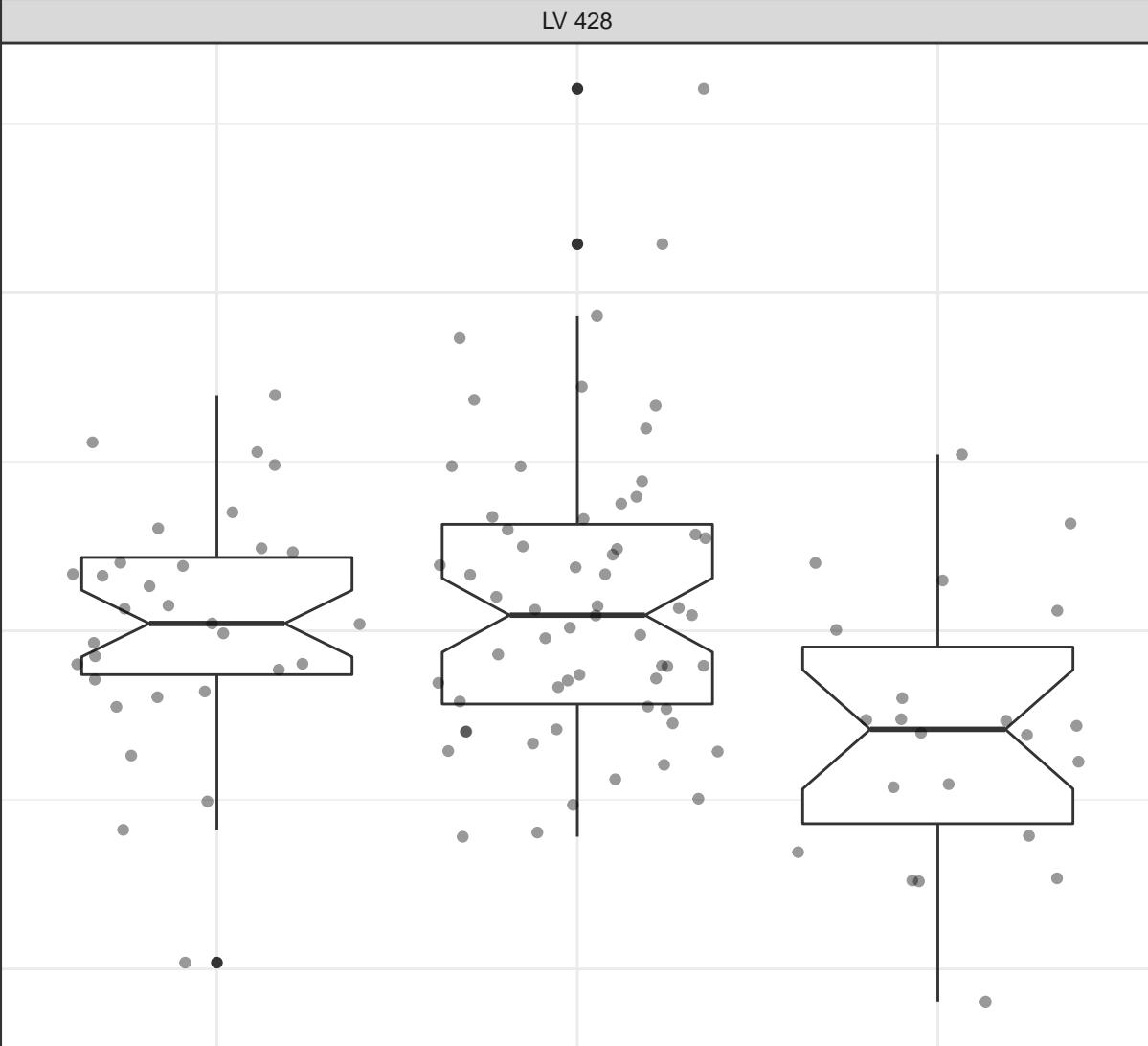
-0.05

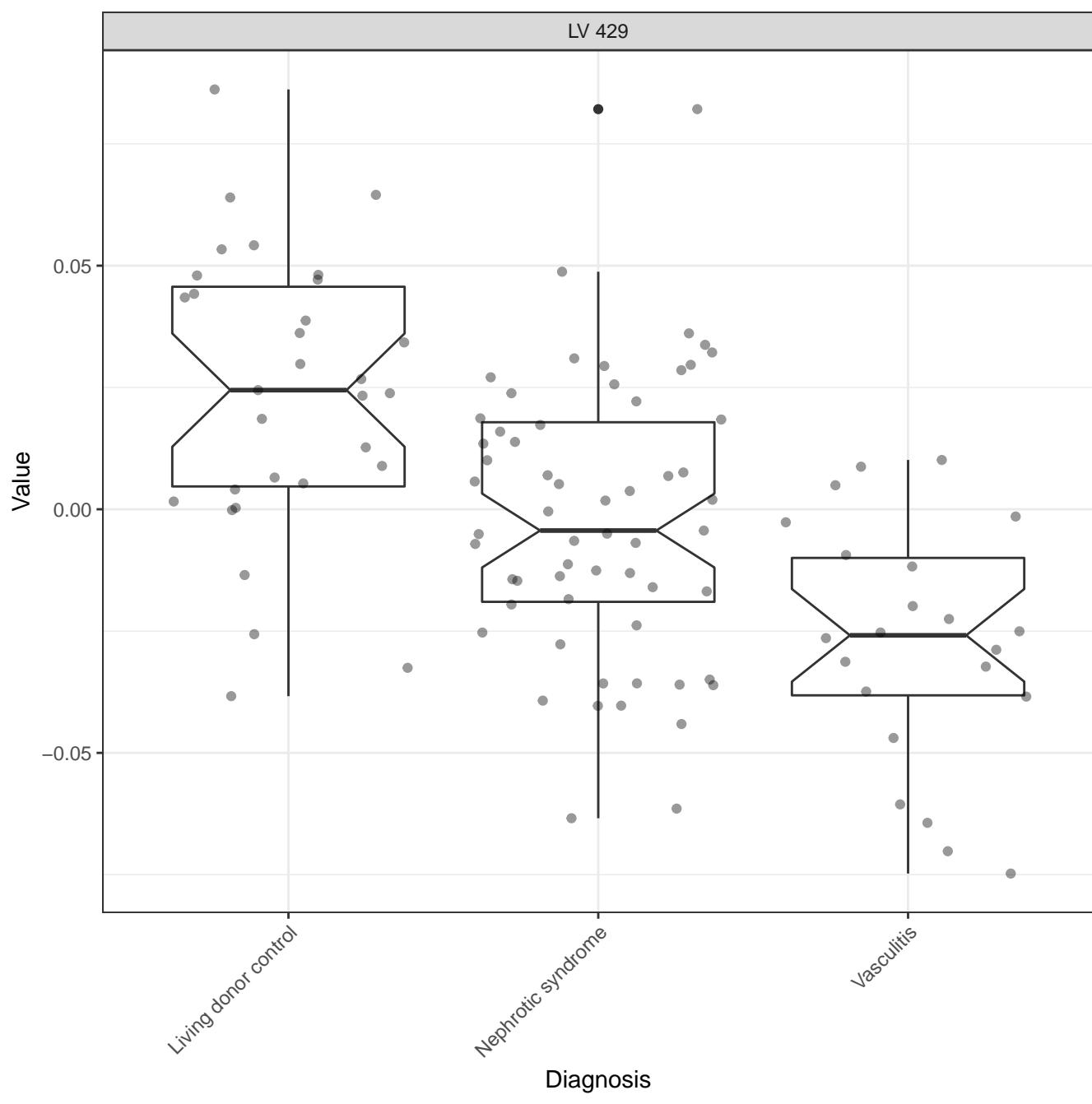
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.05

0.00

-0.05

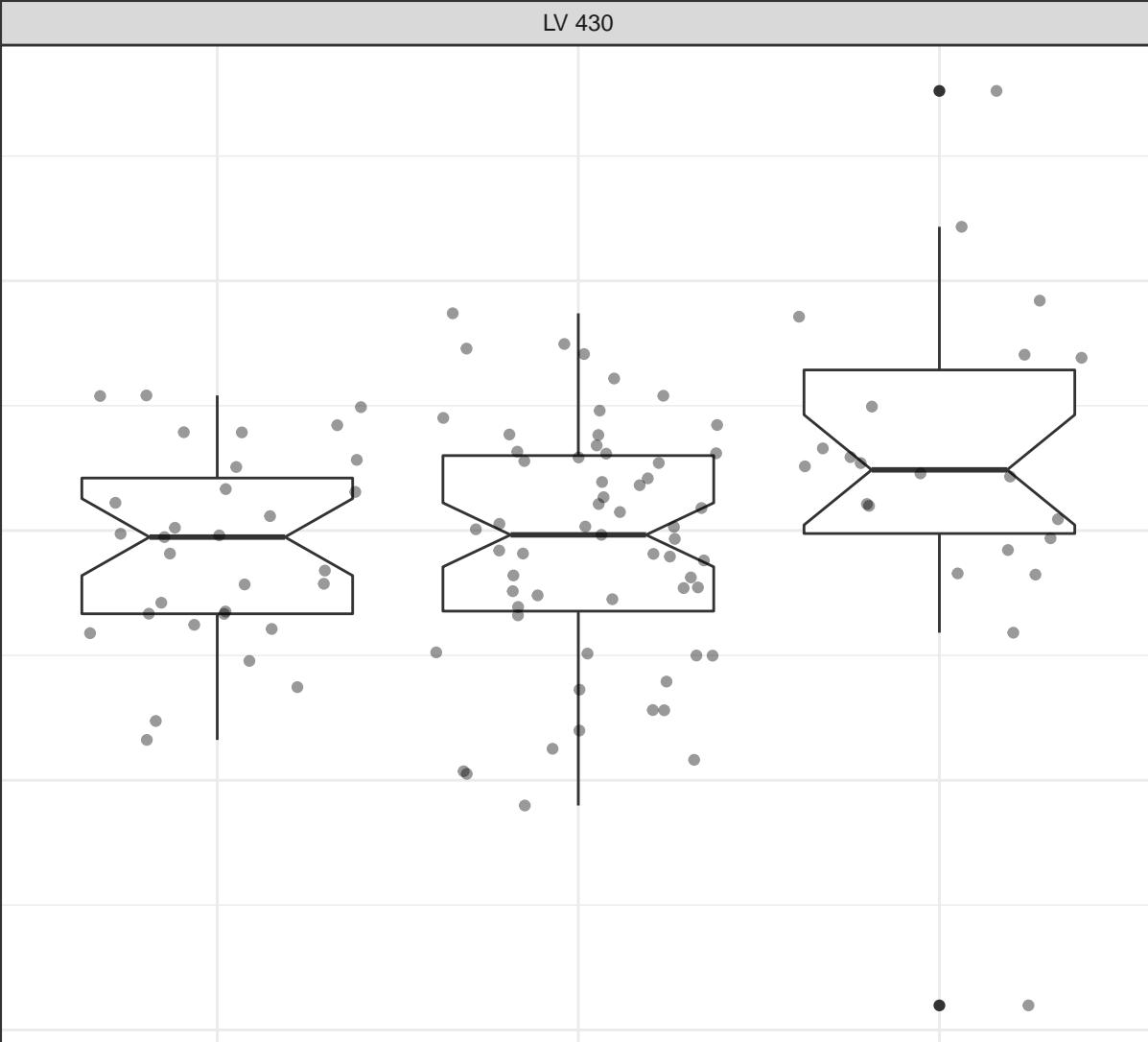
-0.10

Living donor control

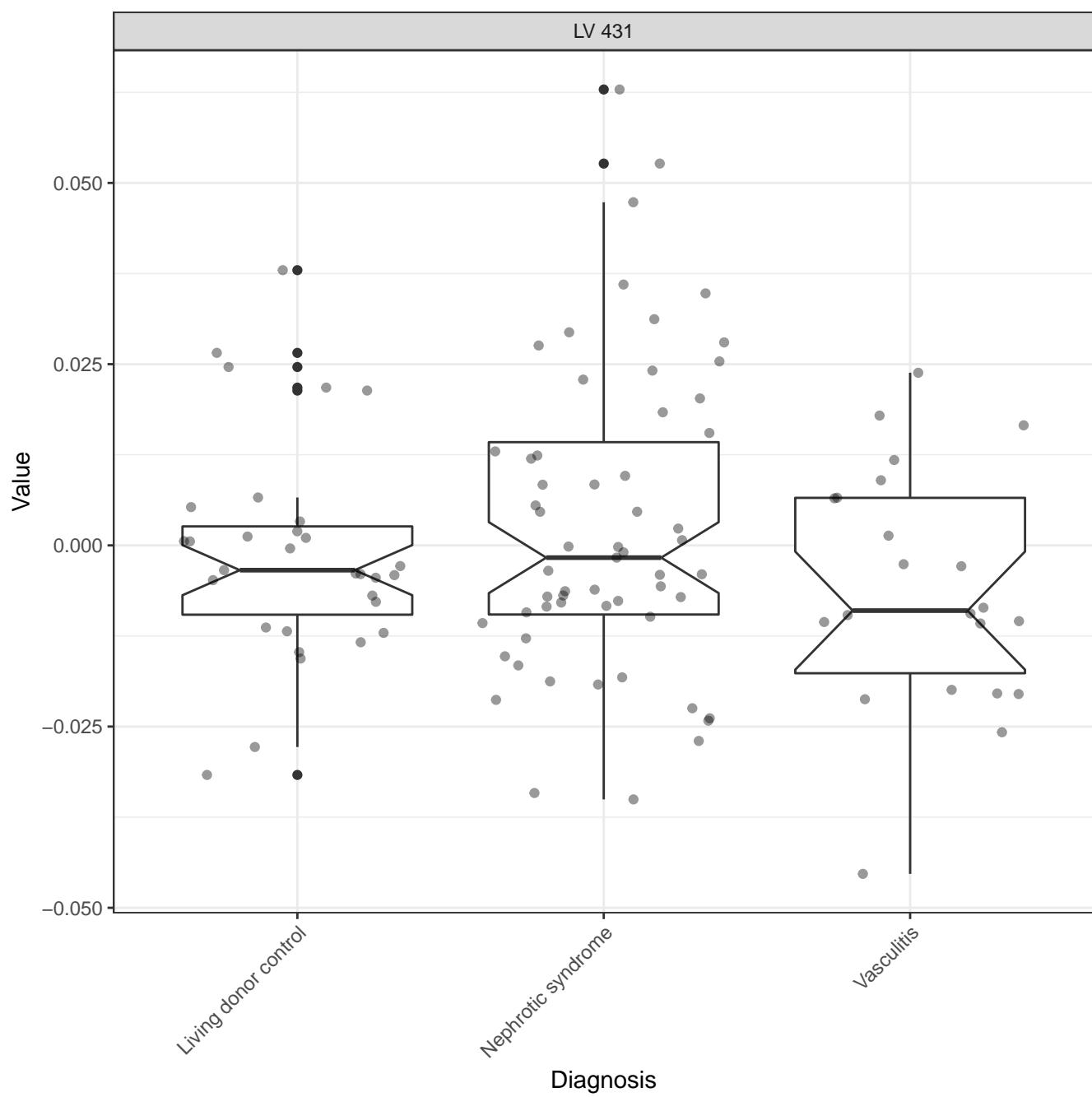
Nephrotic syndrome

Vasculitis

Diagnosis



## LV 431



Value

0.04

0.00

-0.04

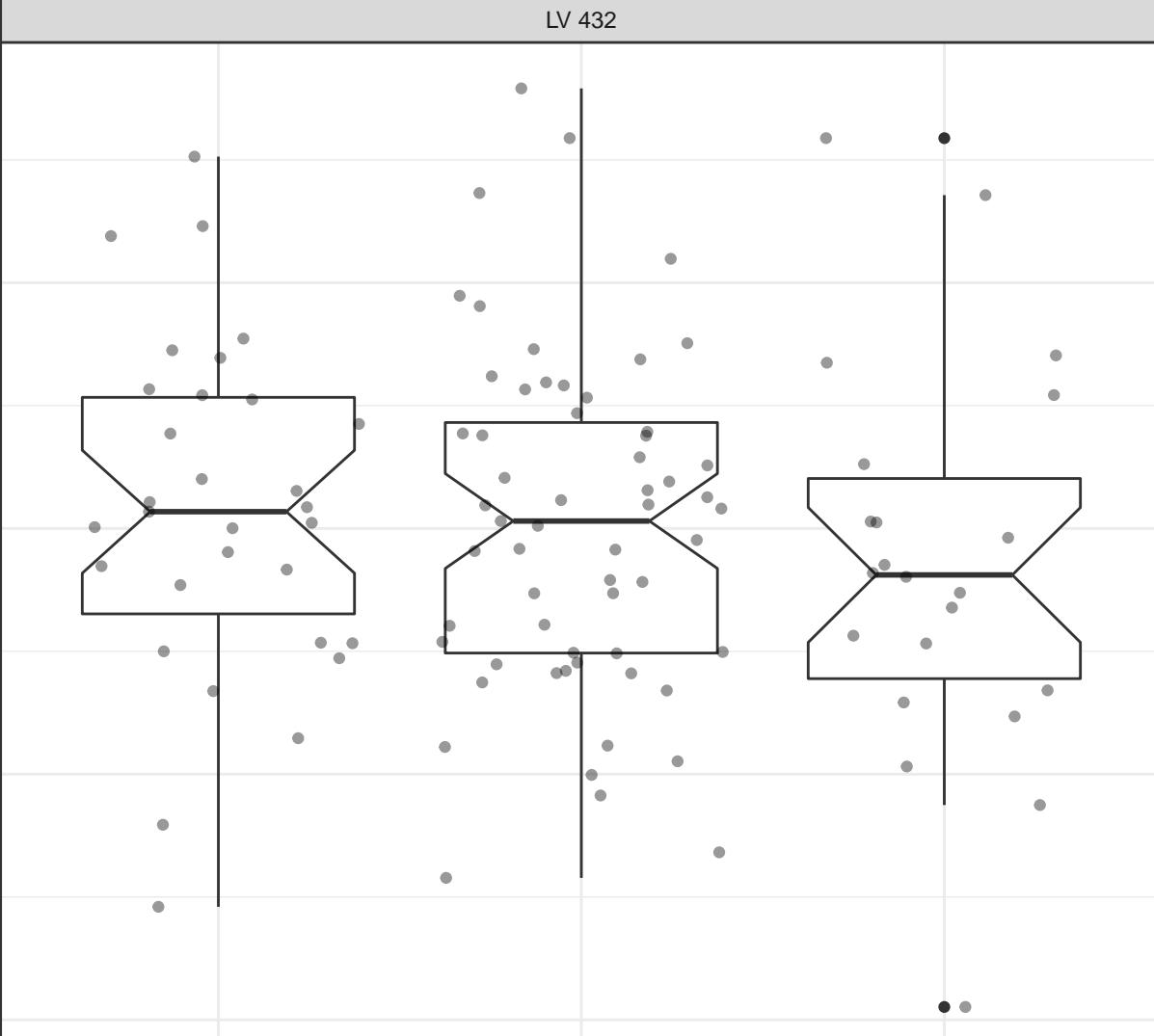
-0.08

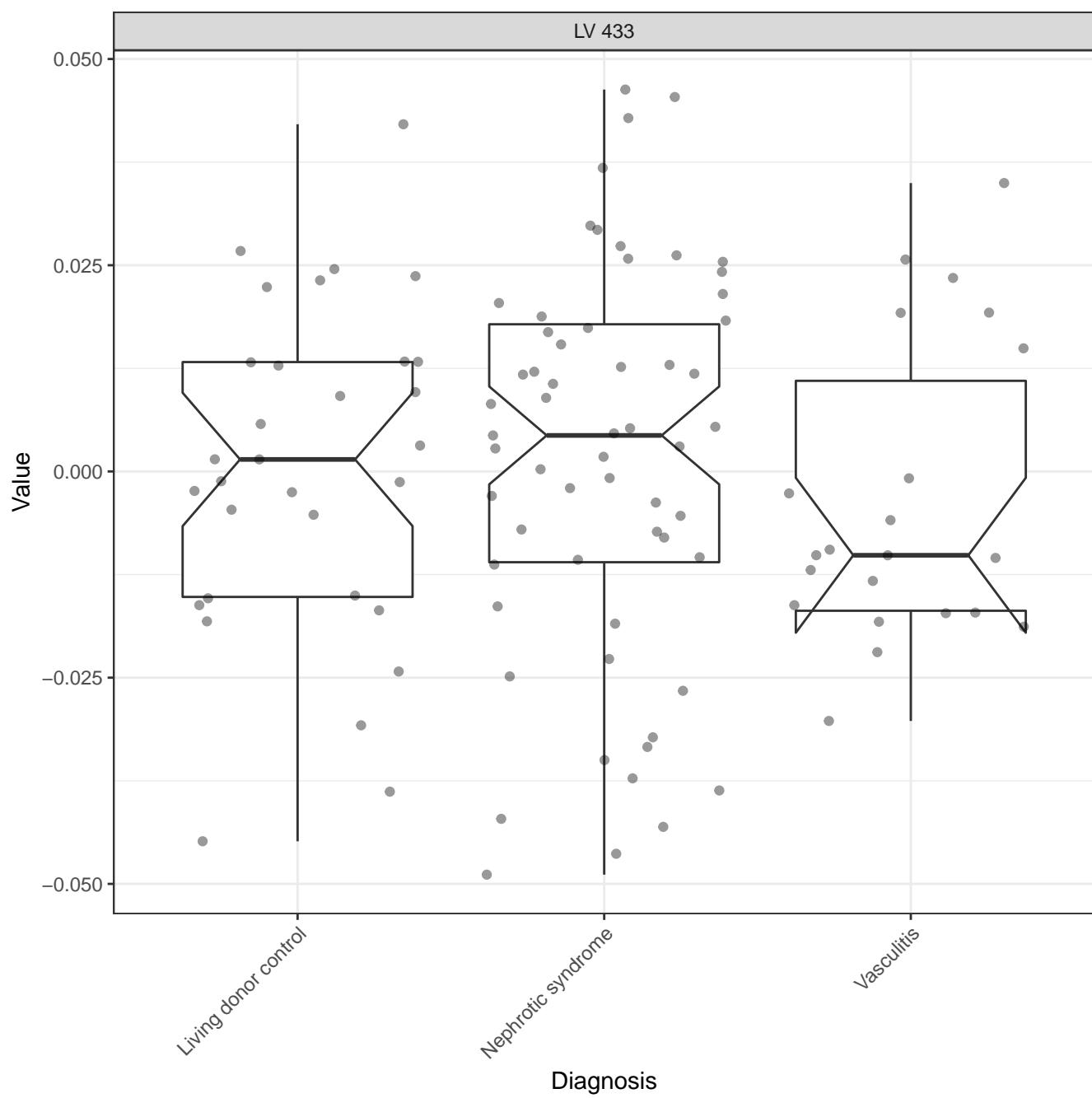
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.10

0.05

0.00

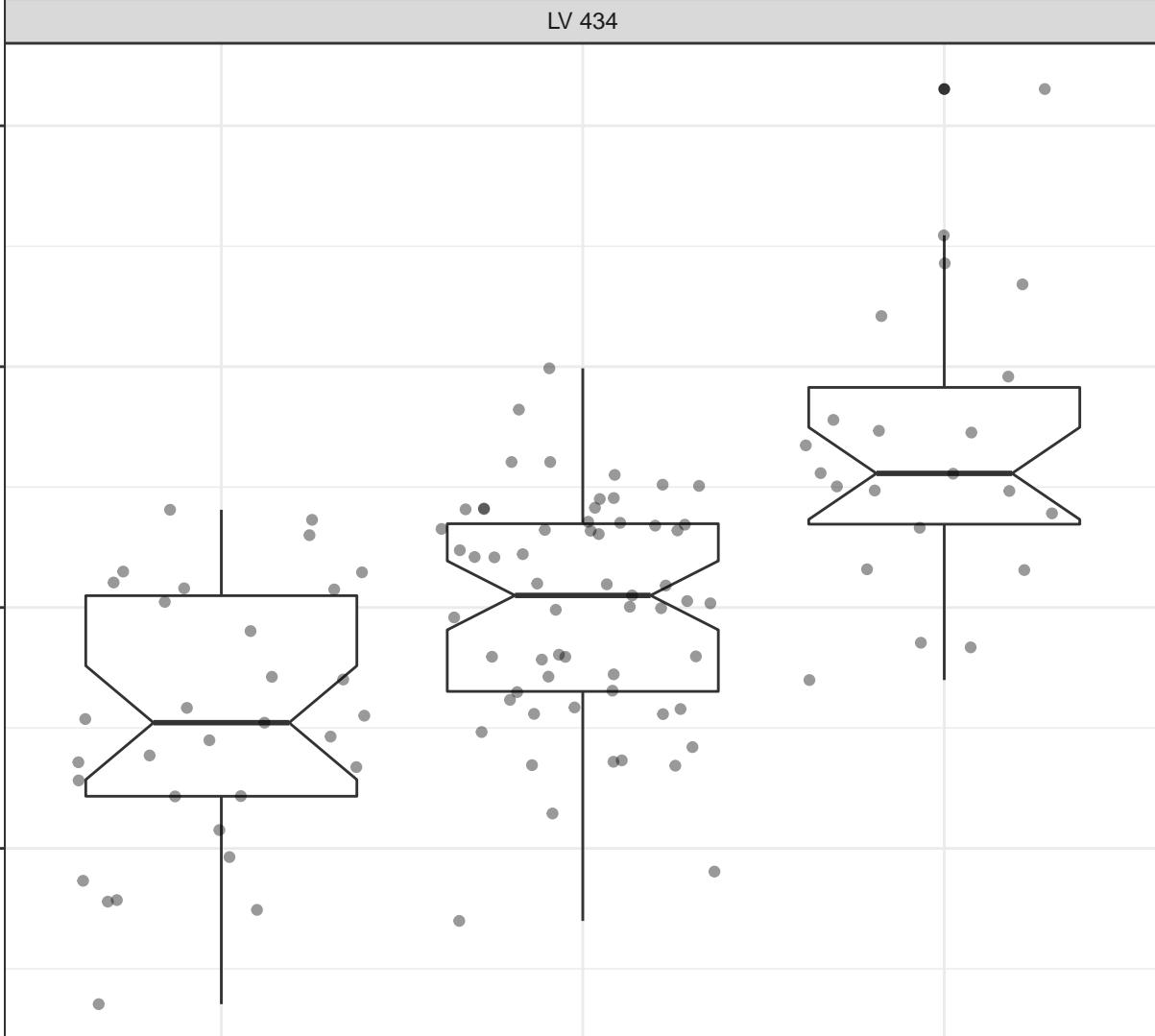
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.02

0.00

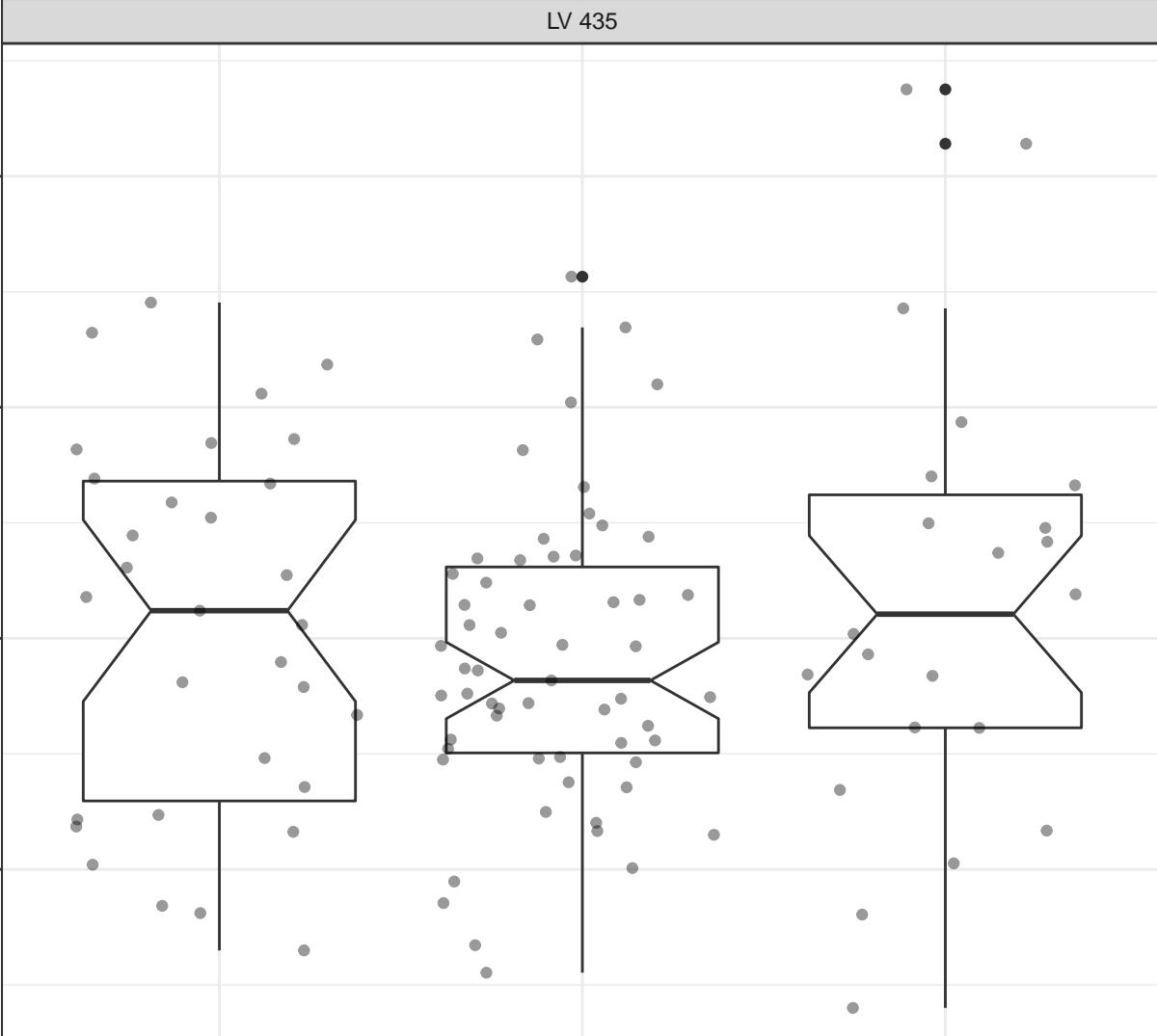
-0.02

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

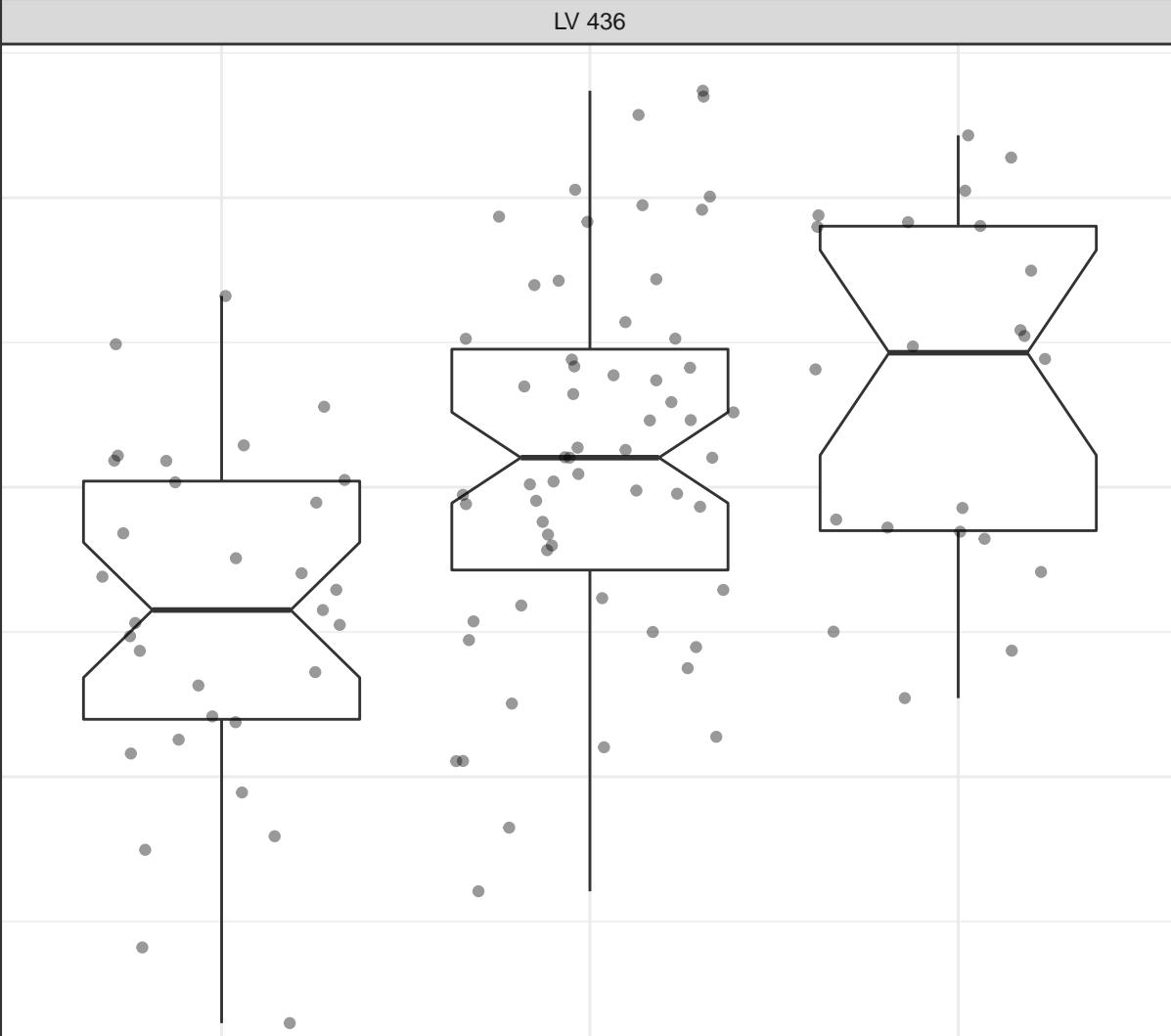
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.01

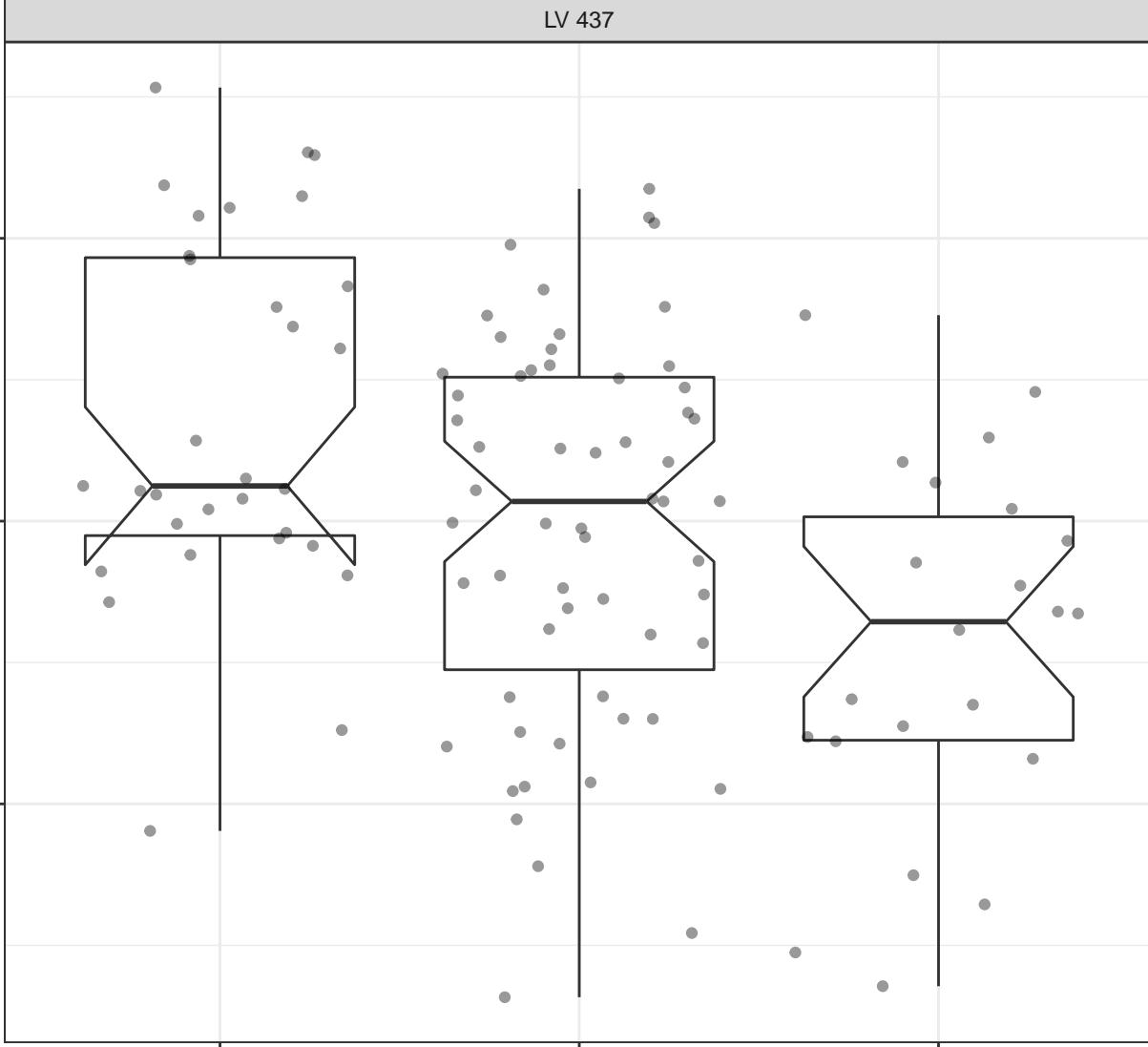
-0.04

Living donor control

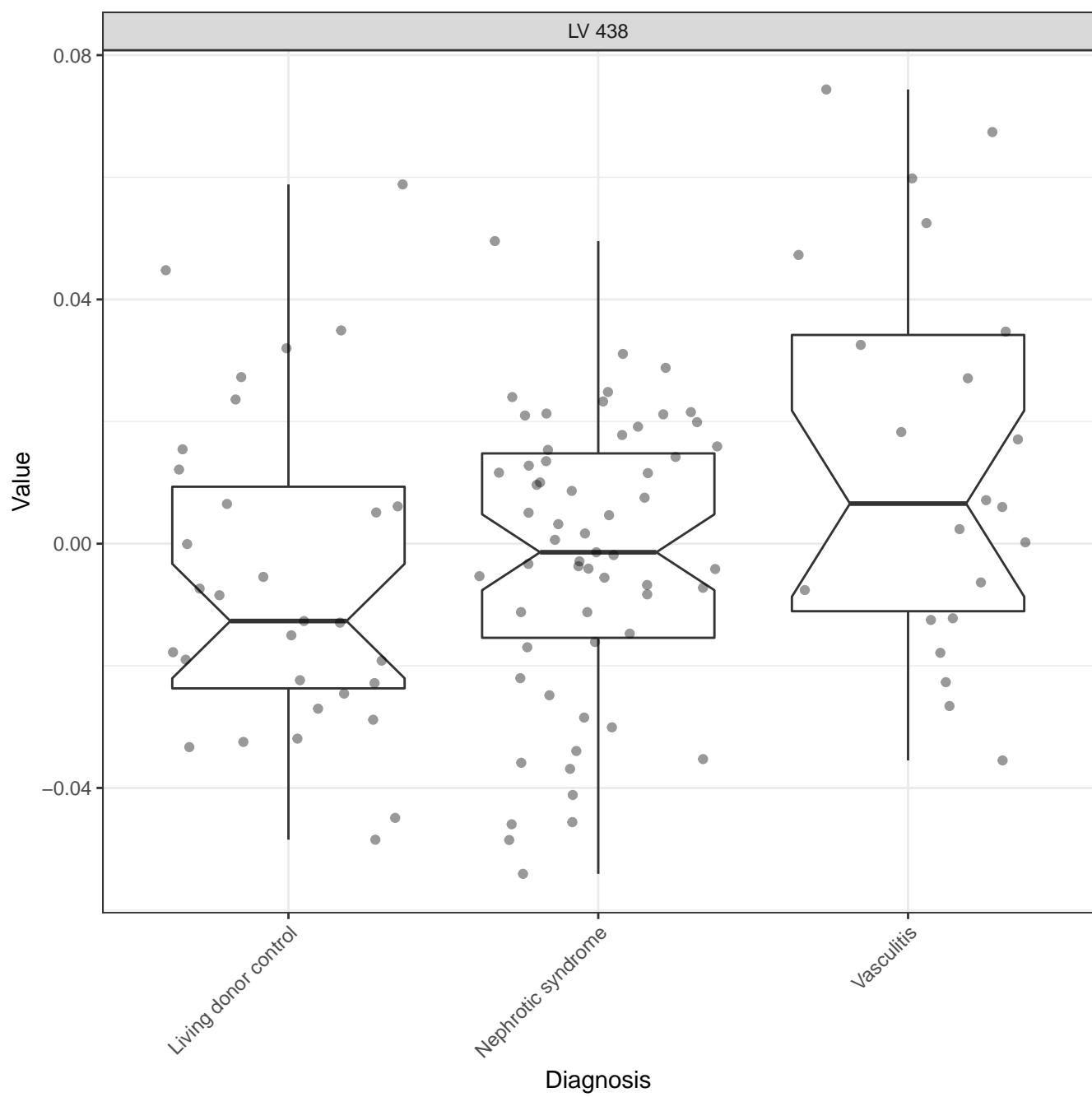
Nephrotic syndrome

Vasculitis

Diagnosis



LV 438



Value

0.04

0.00

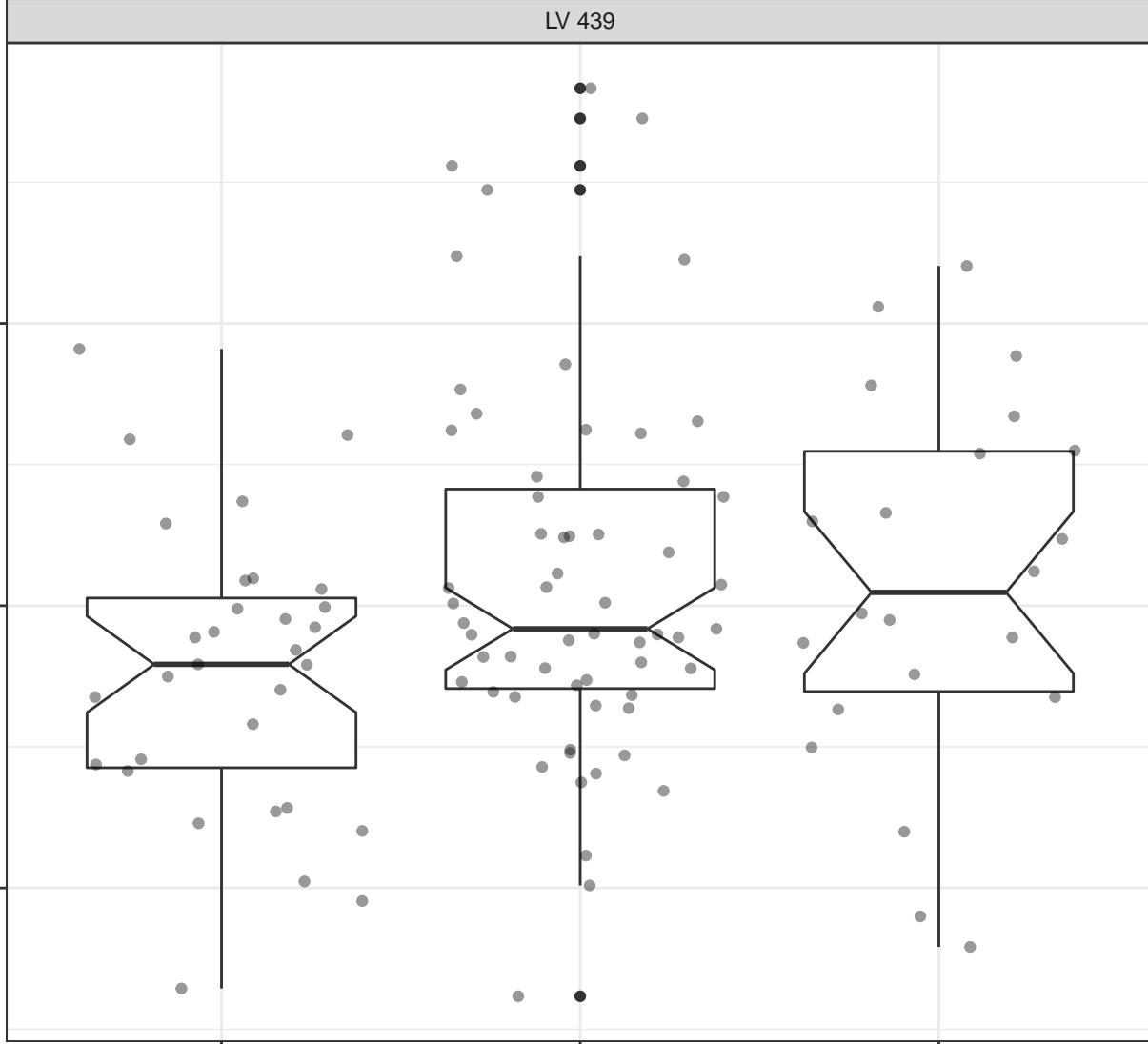
-0.04

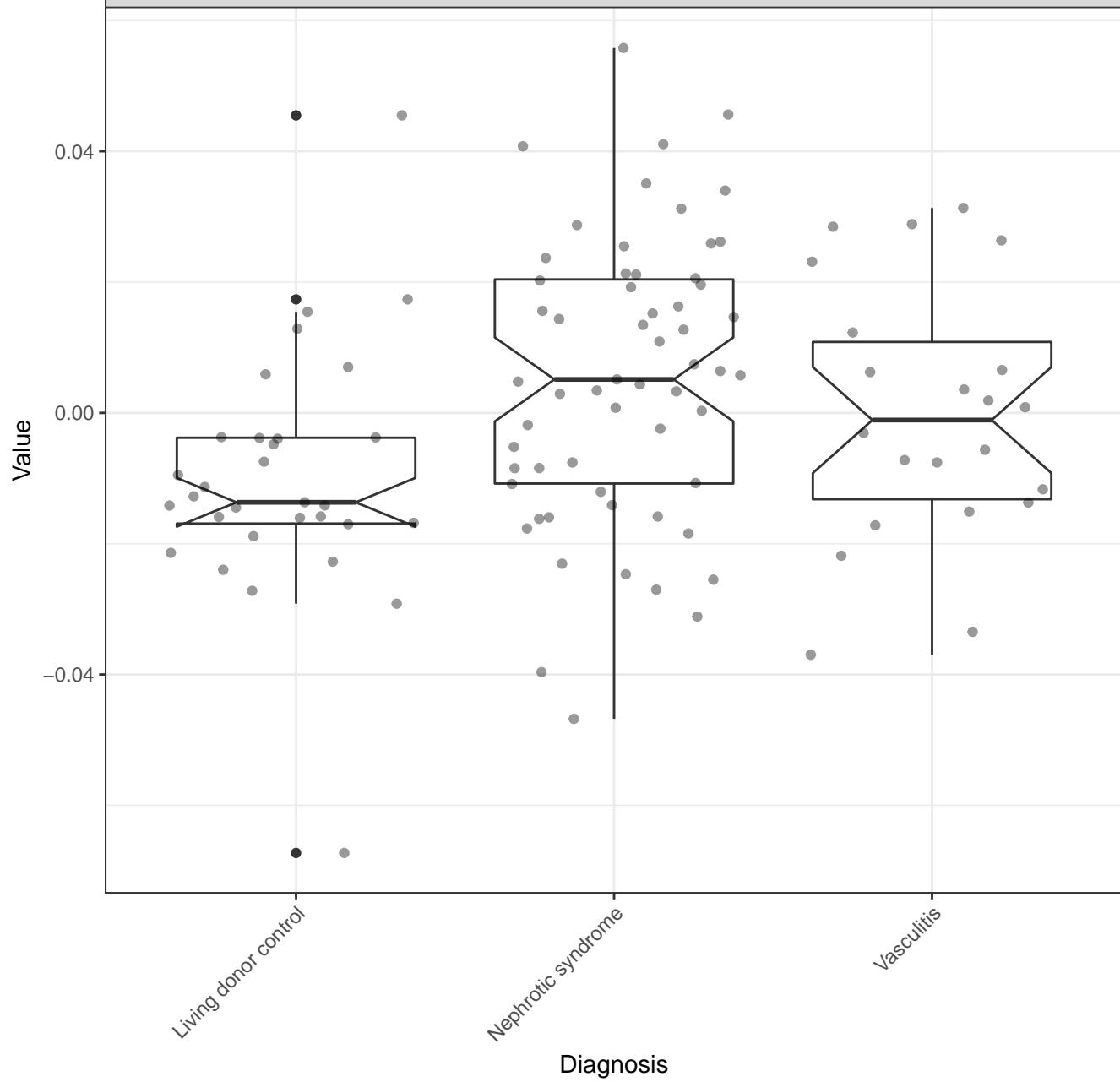
Living donor control

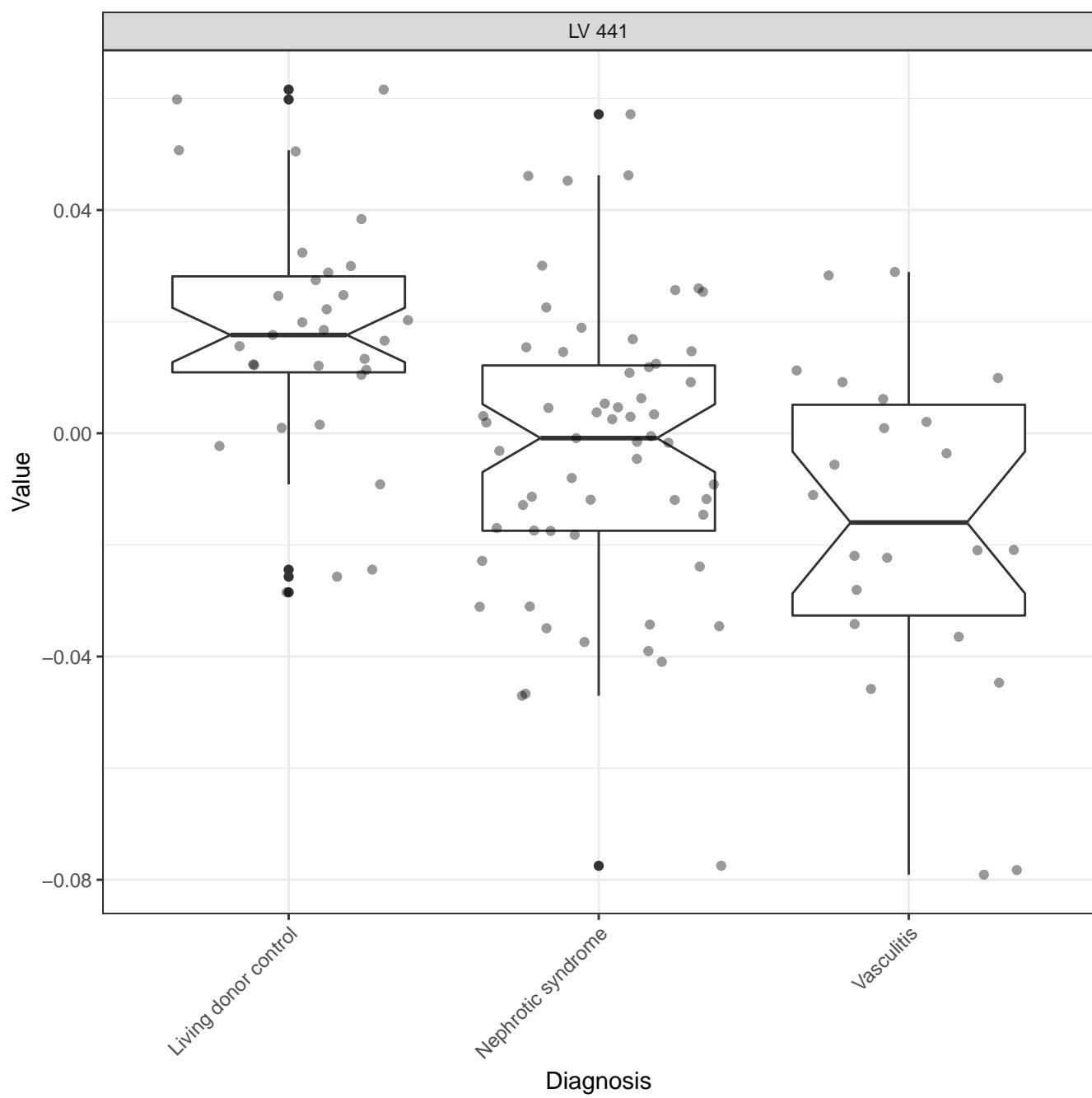
Nephrotic syndrome

Vasculitis

Diagnosis







LV 442

Value

0.10

0.05

0.00

-0.05

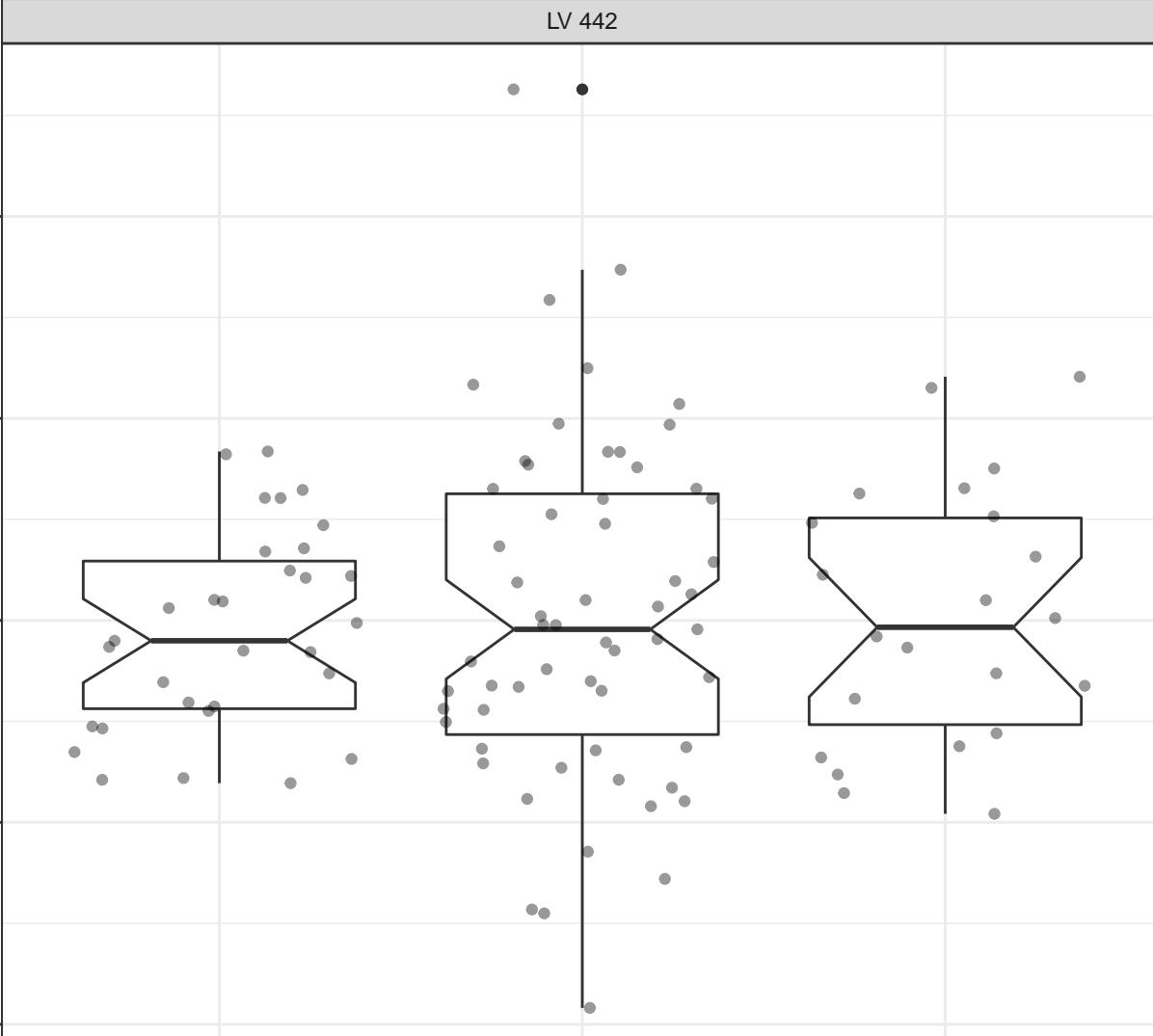
-0.10

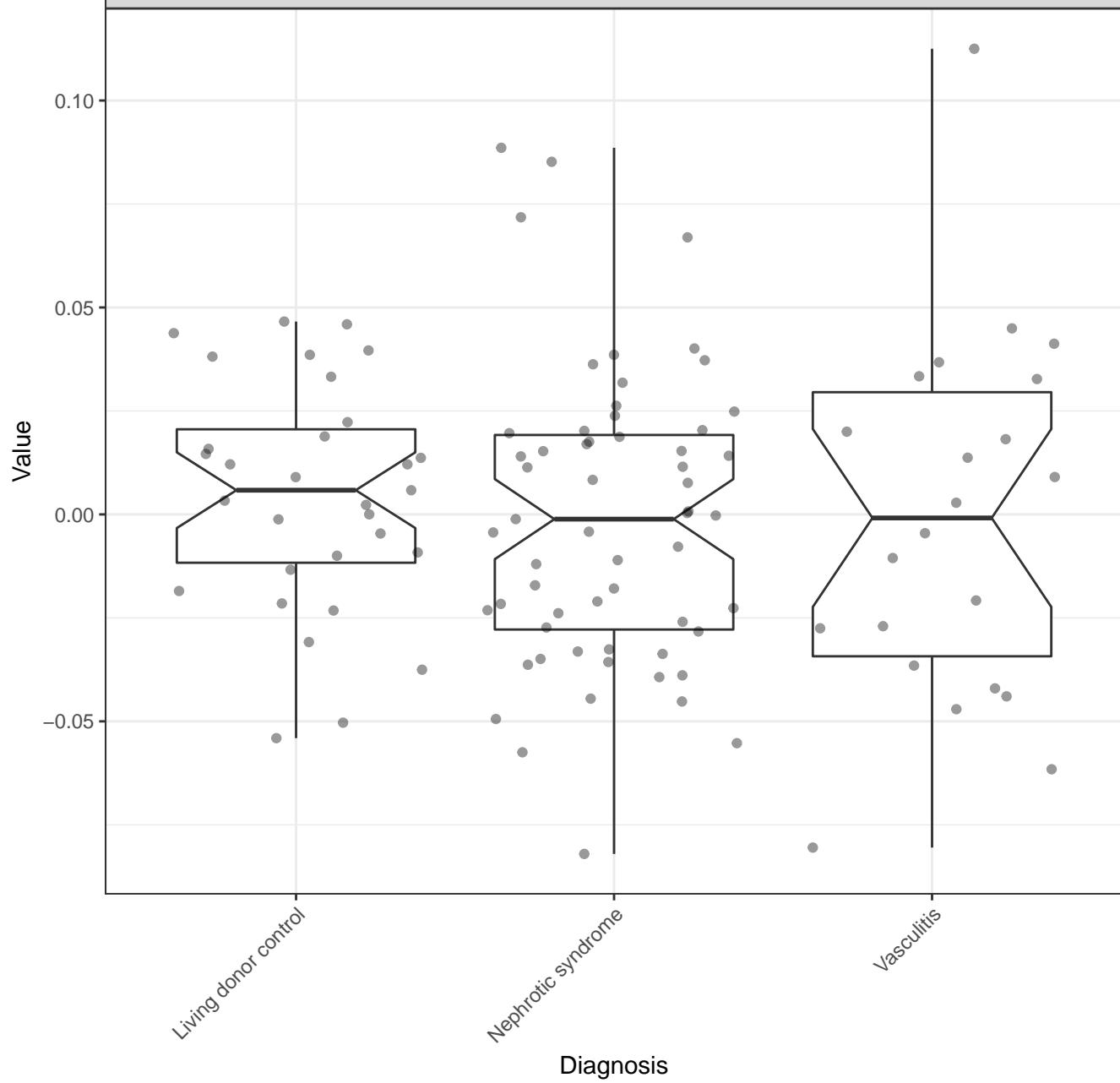
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 444

Value

0.08  
0.04  
0.00  
-0.04  
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.06

0.03

0.00

-0.03

-0.06

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 446

Value

0.10

0.05

0.00

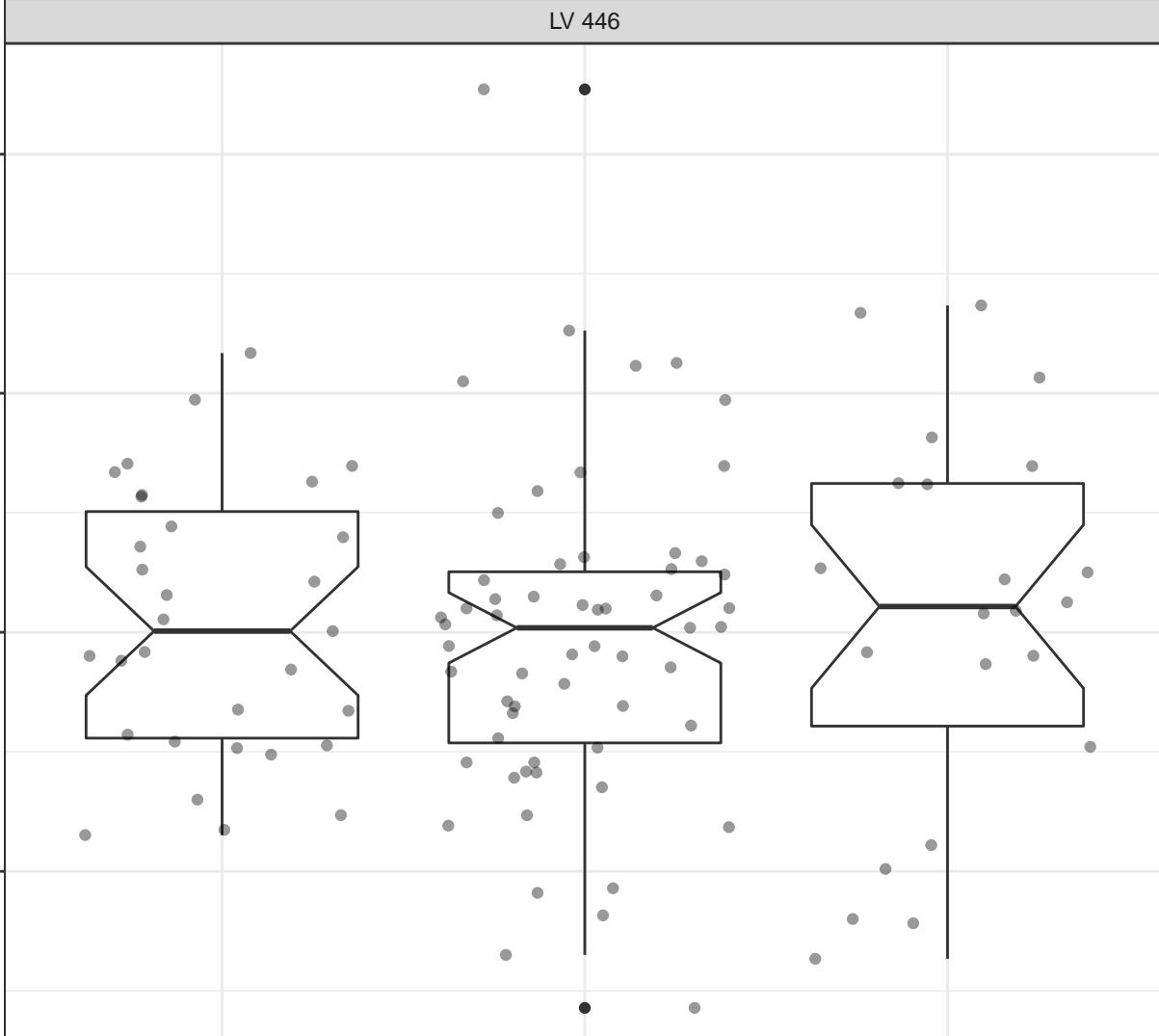
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 447,KEGG\_LYSOSOME

Value

0.3

0.2

0.1

0.0

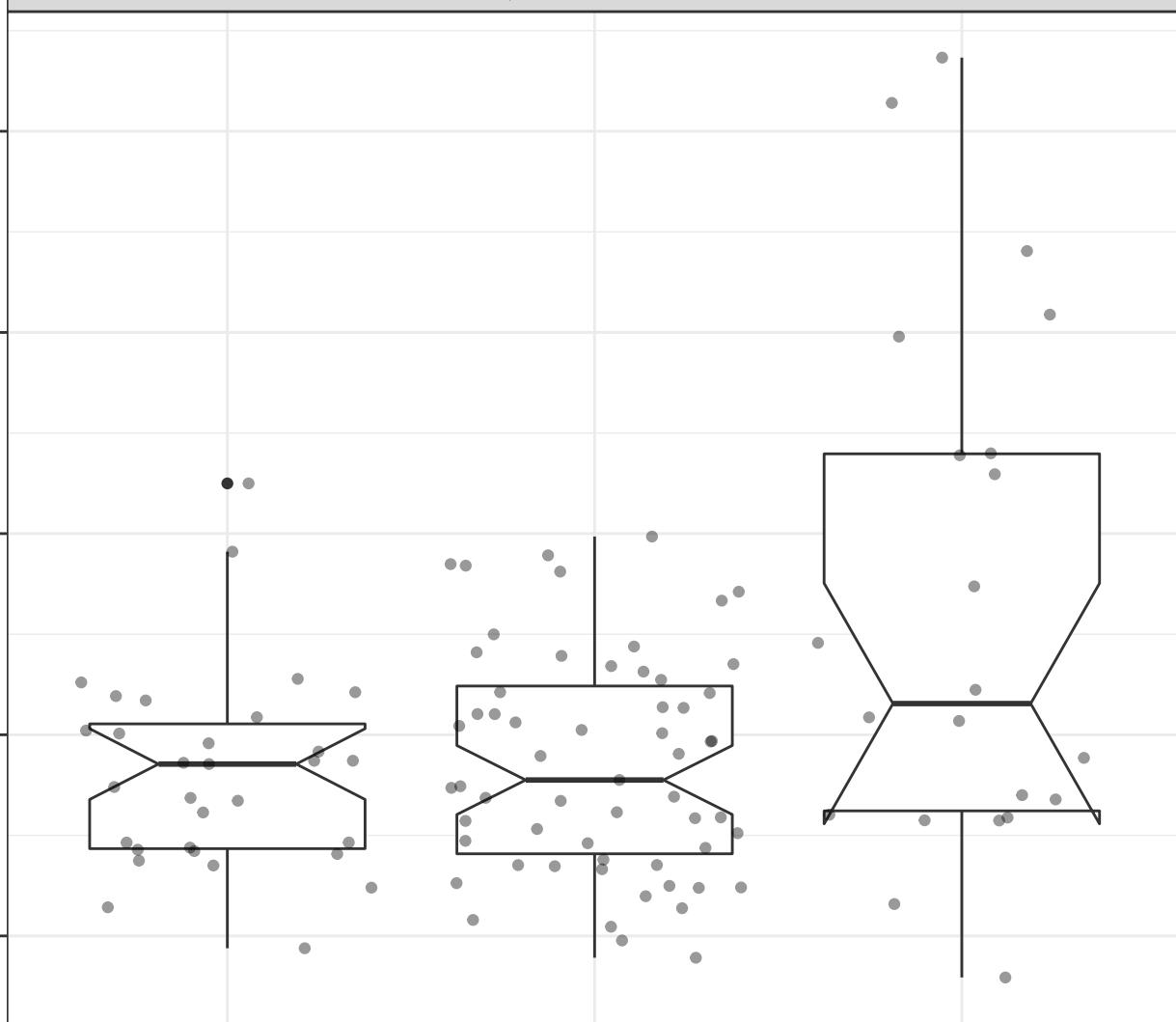
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 448

Value

0.10

0.05

0.00

-0.05

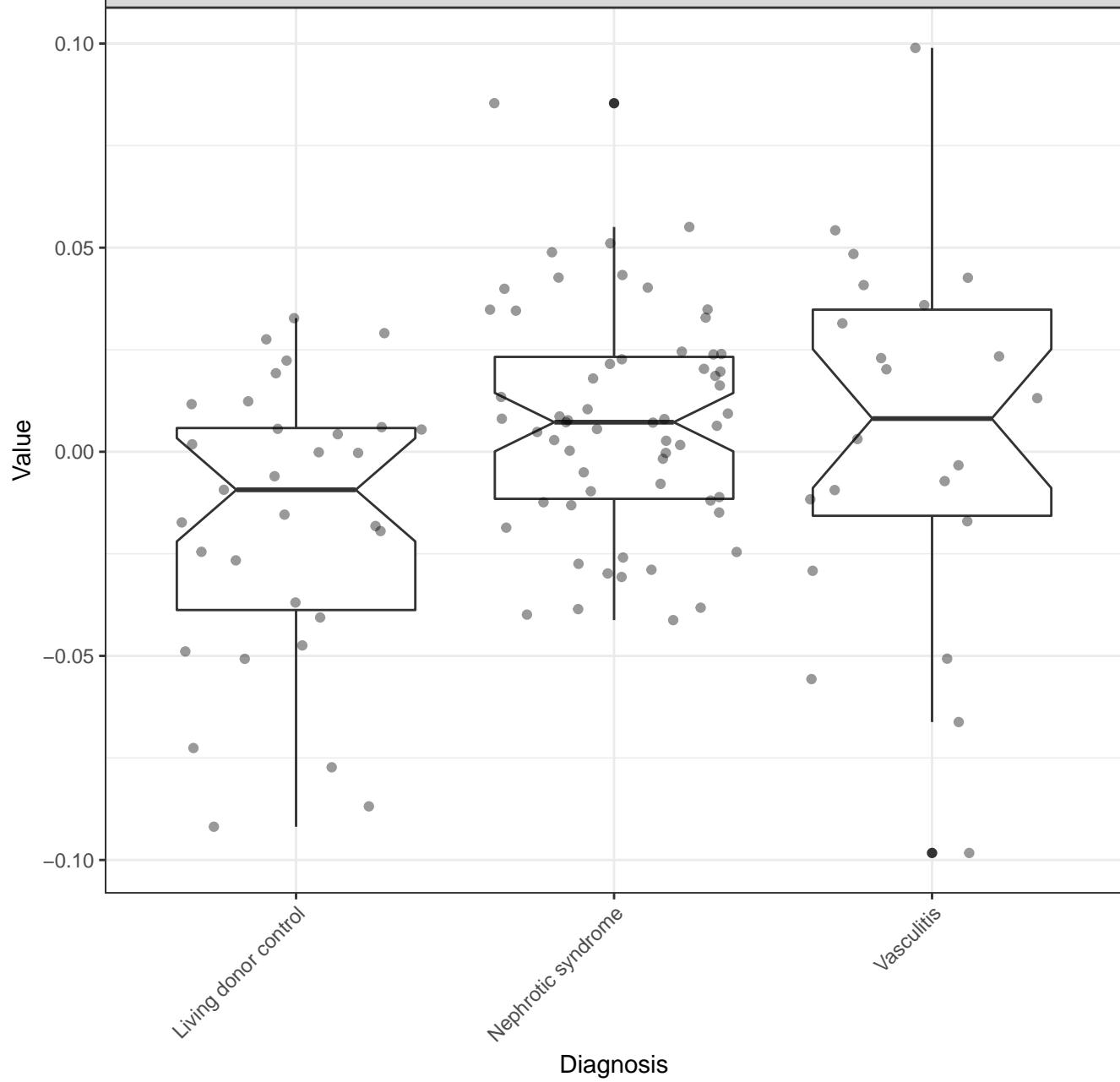
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

## 449,REACTOME\_ELONGATION\_ARREST\_AND\_RECOVERY



Value

0.05

0.00

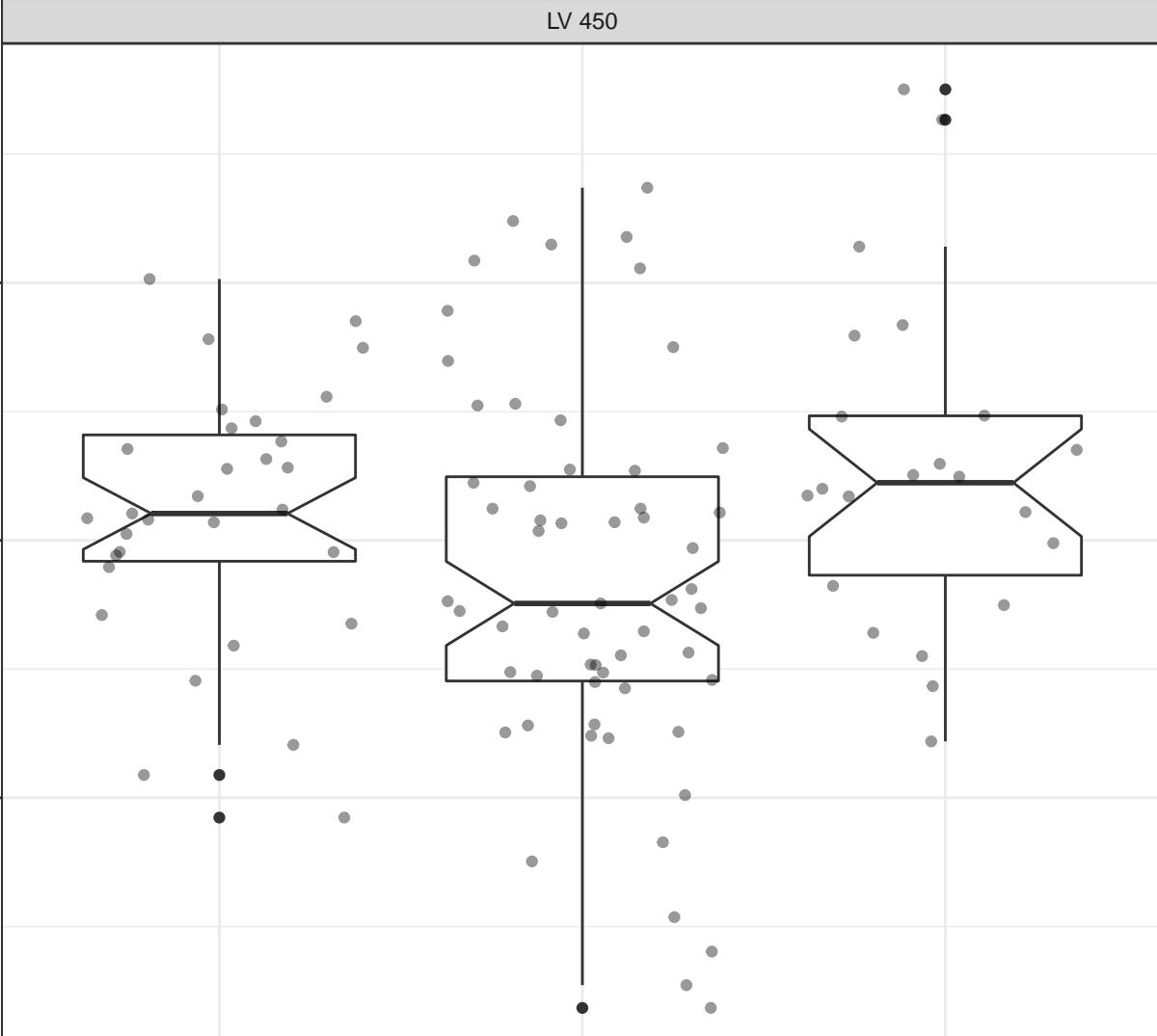
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



# 451,REACTOME\_MITOCHONDRIAL\_PROTEIN\_IMPORT

Value

0.06

0.03

0.01

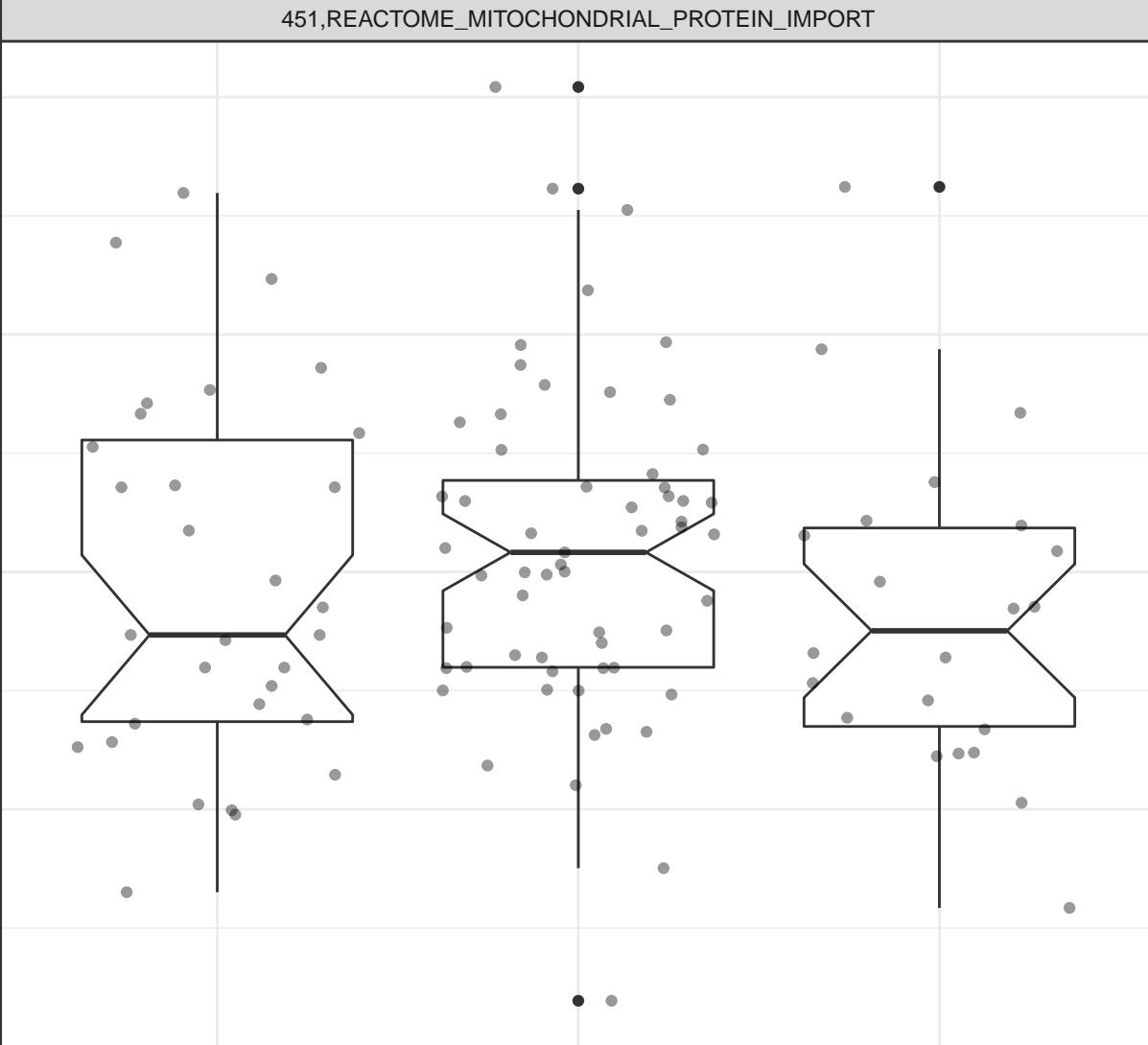
-0.03

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 452

Value

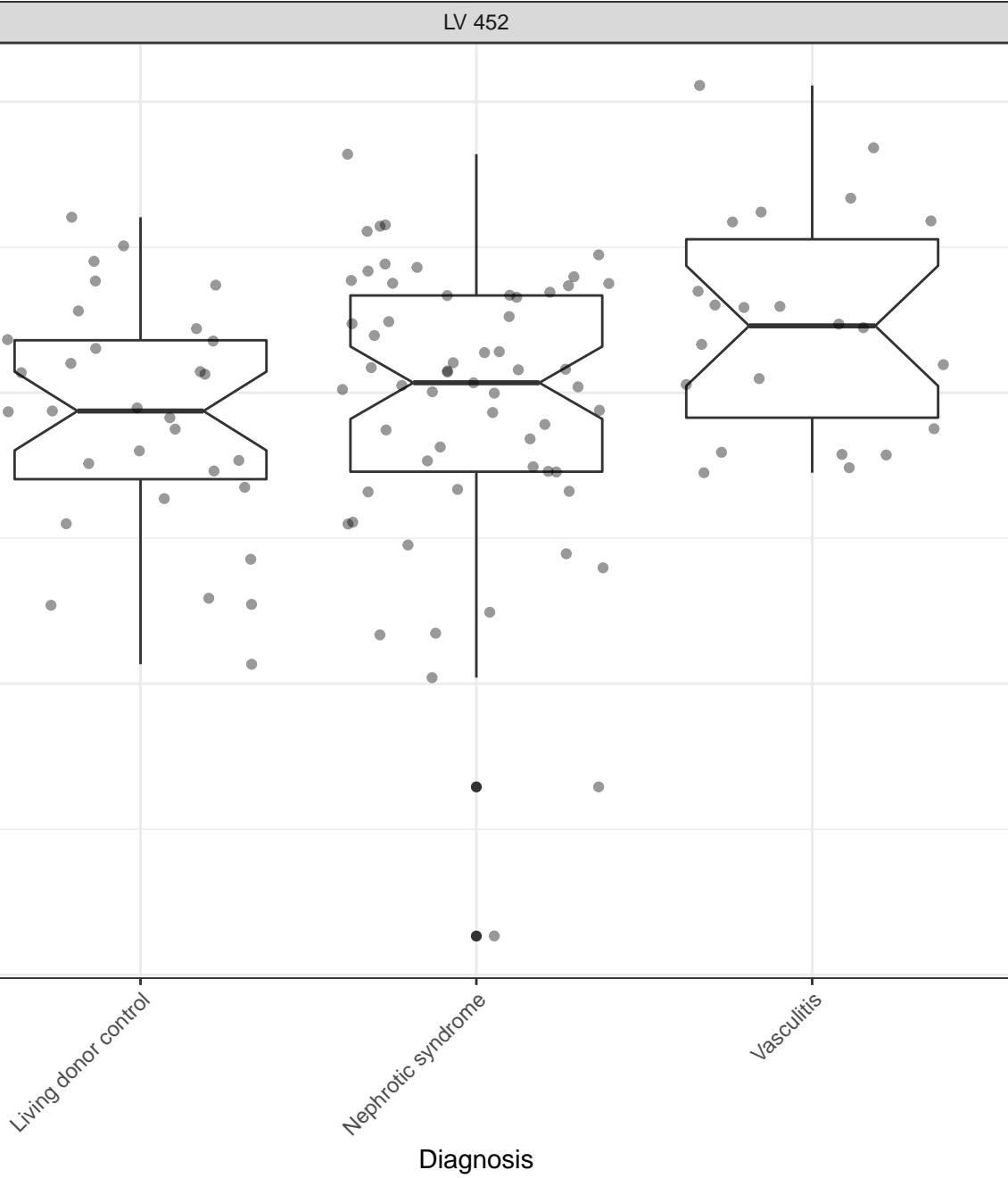
0.05  
0.00  
-0.05  
-0.10

Living donor control

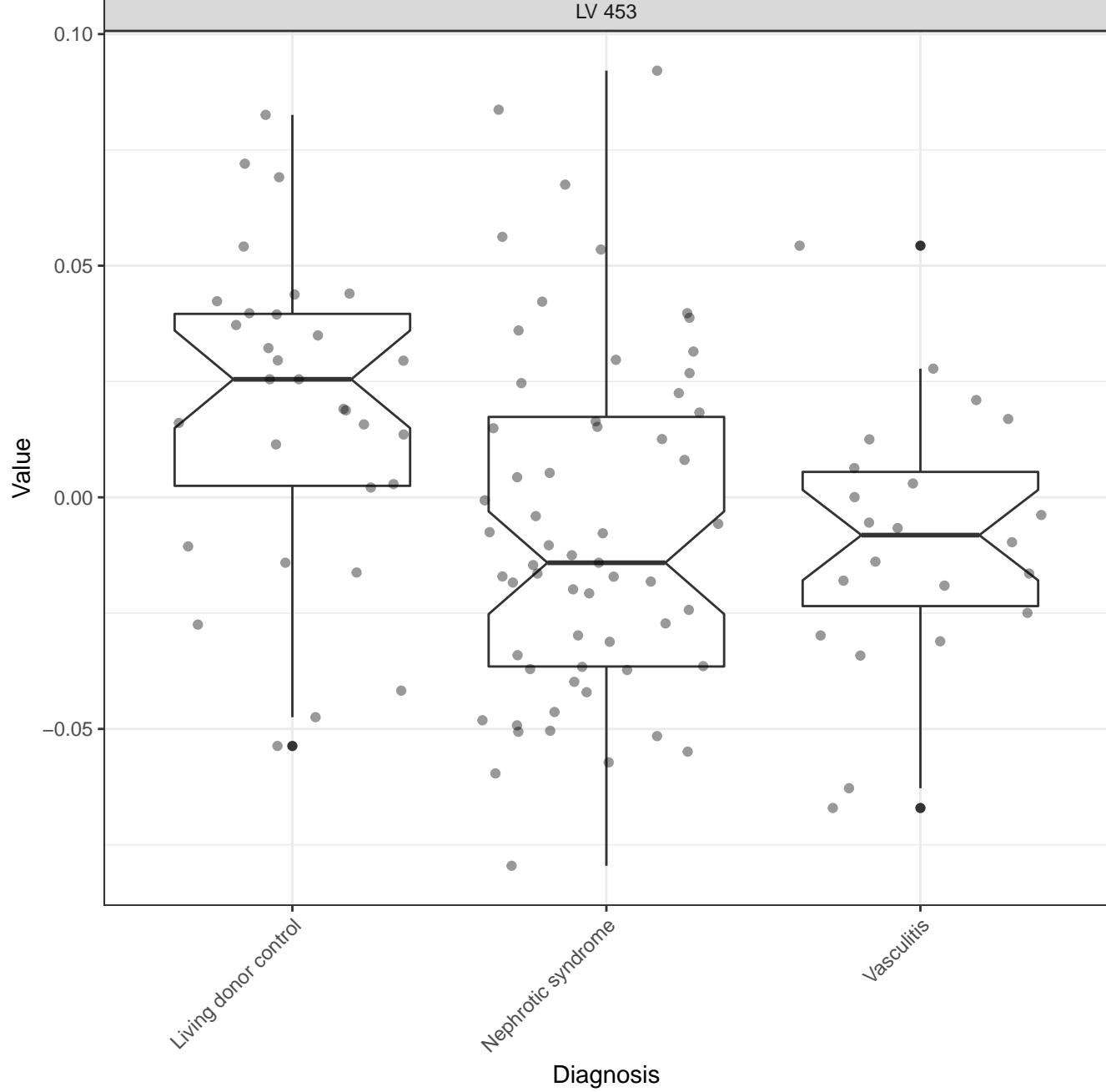
Nephrotic syndrome

Vasculitis

Diagnosis



LV 453



LV 454

Value

0.10

0.05

0.00

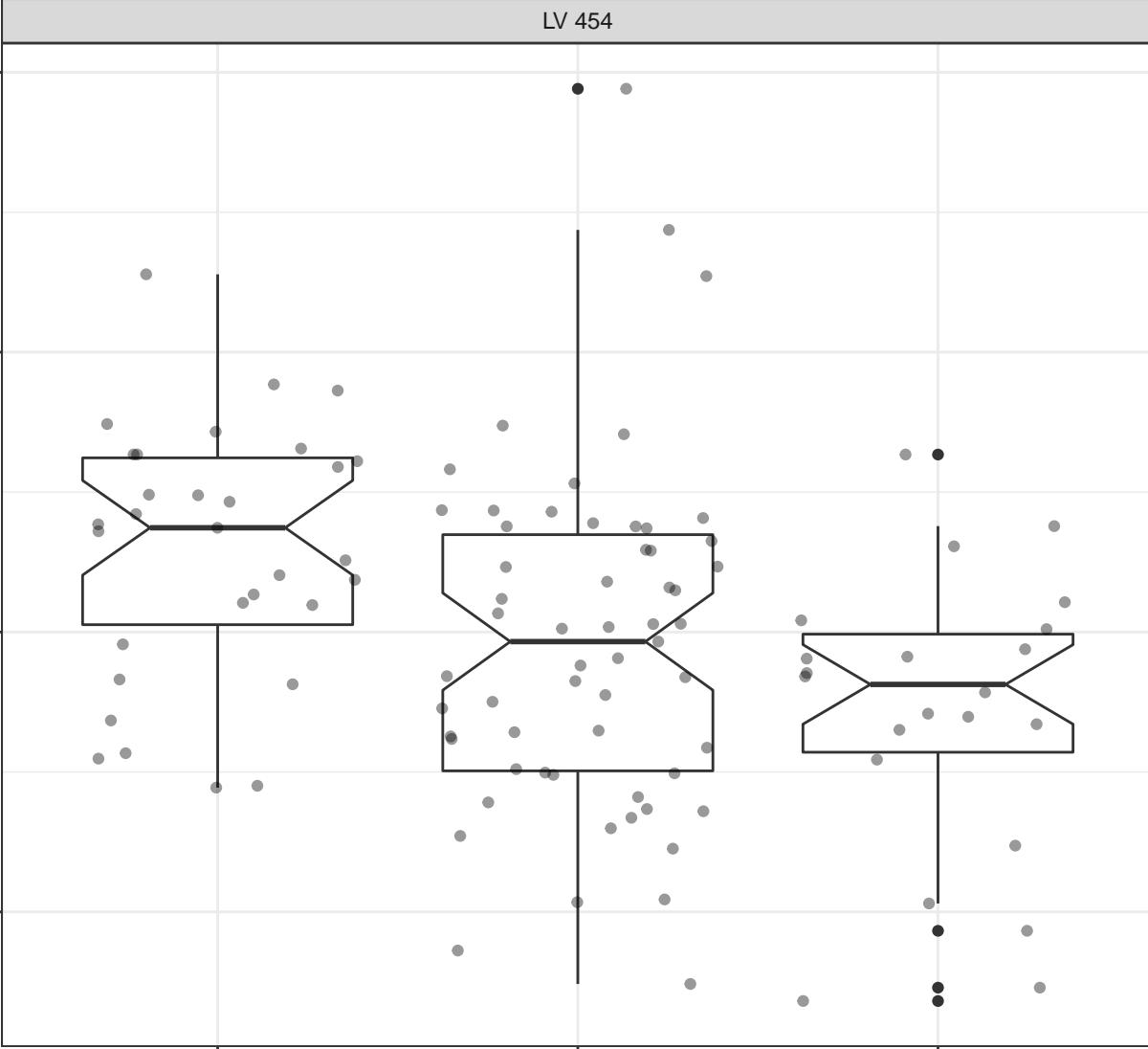
-0.05

Living donor control

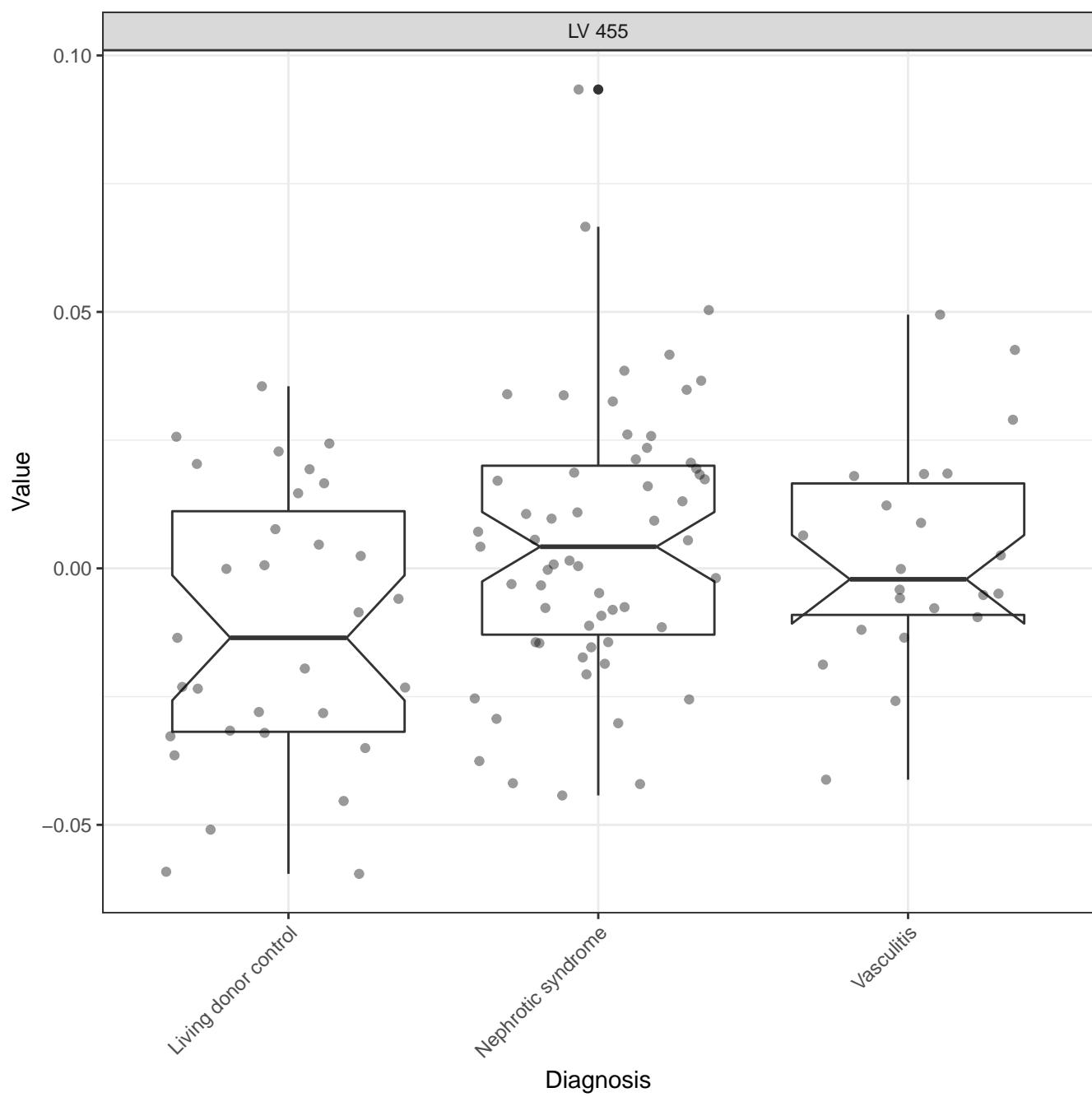
Nephrotic syndrome

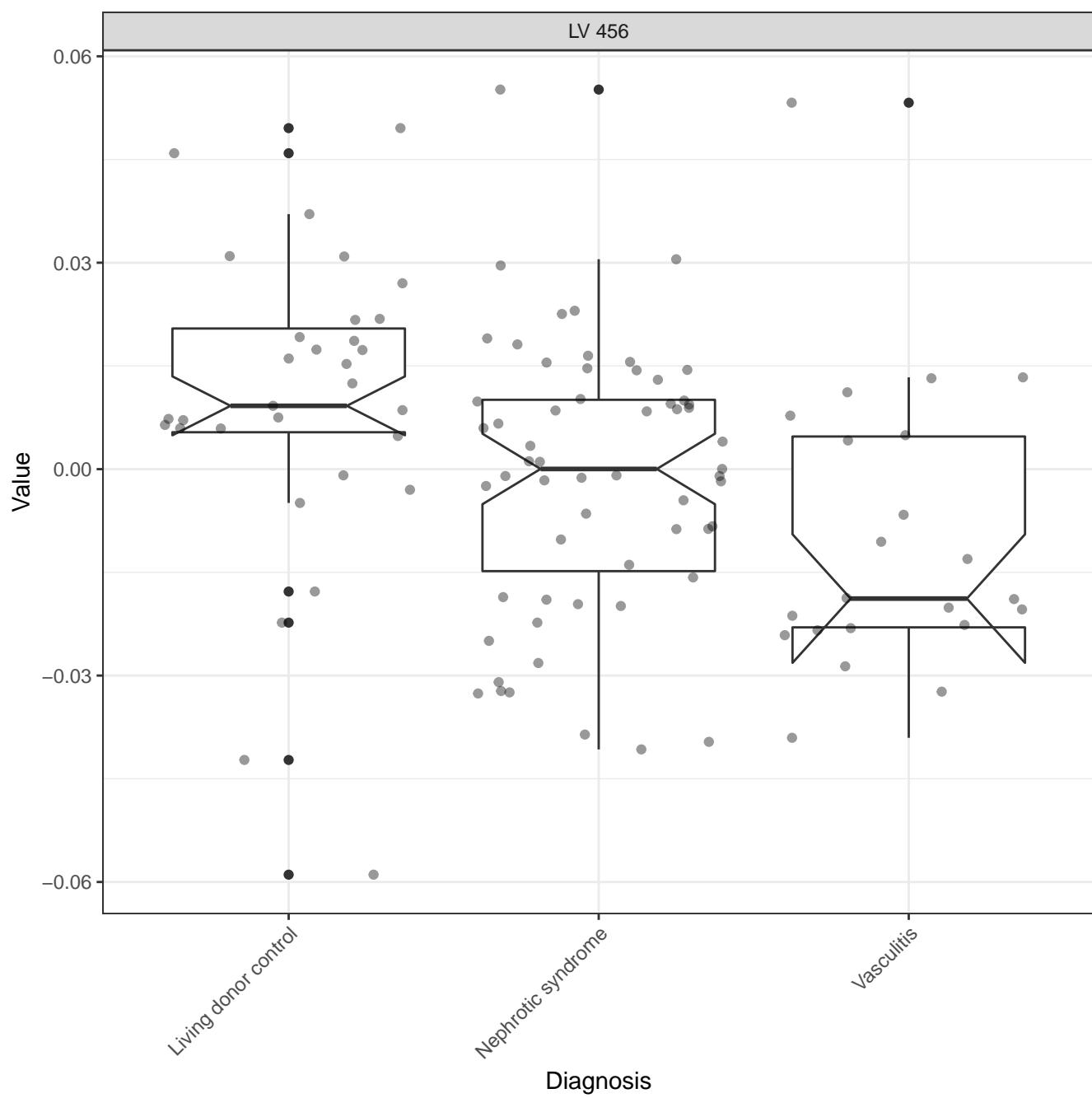
Vasculitis

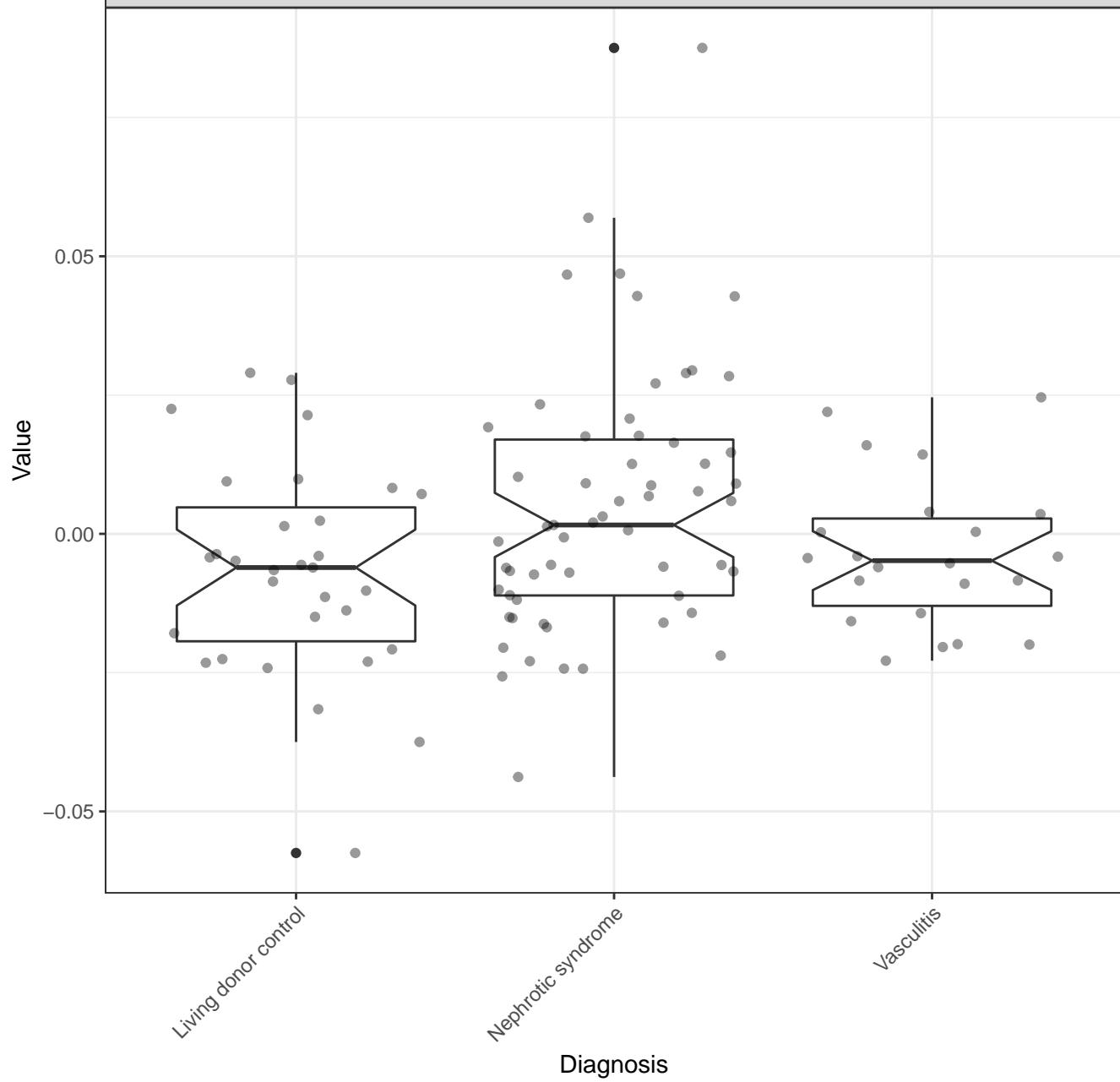
Diagnosis



LV 455







Value

0.04

0.00

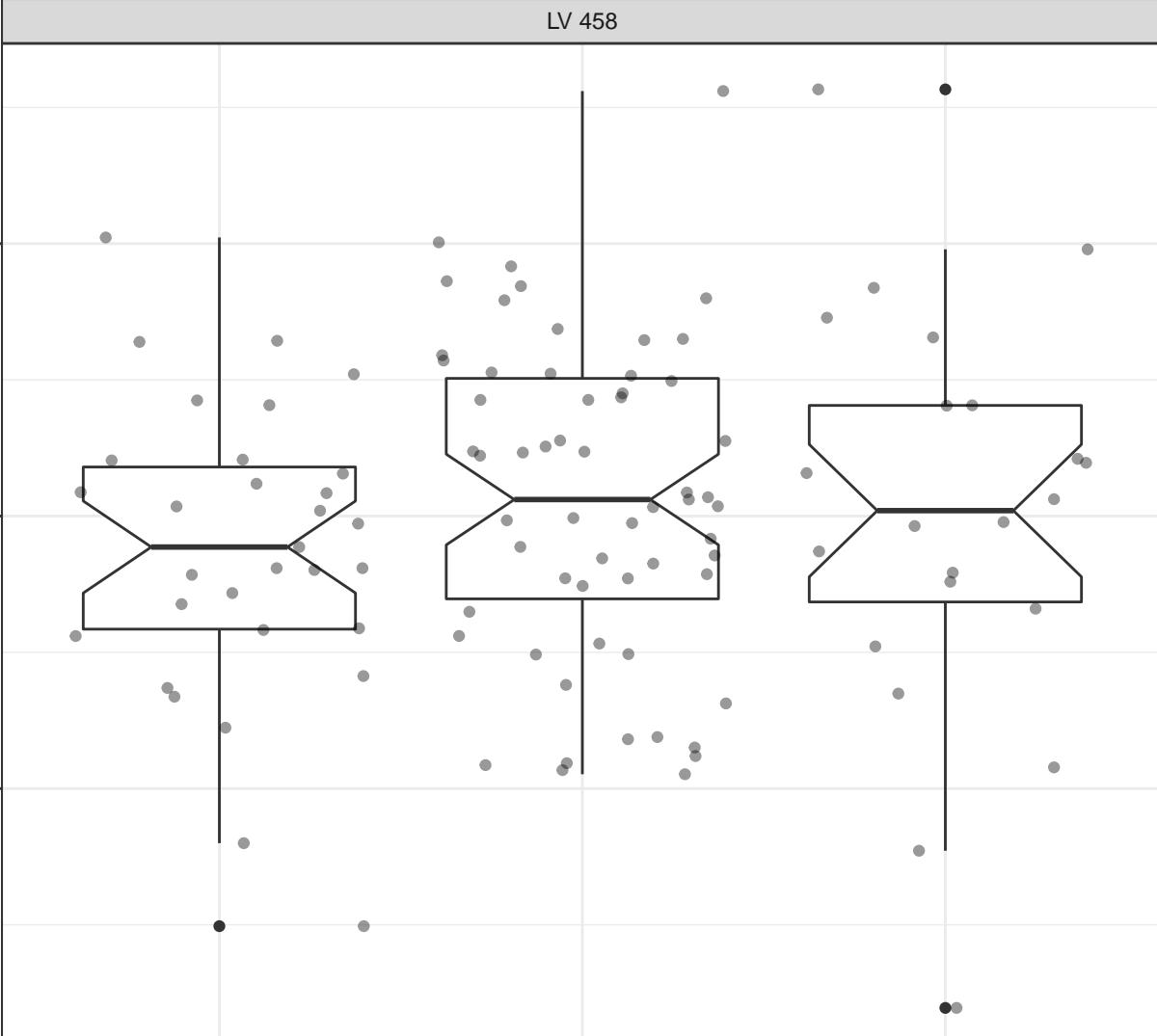
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

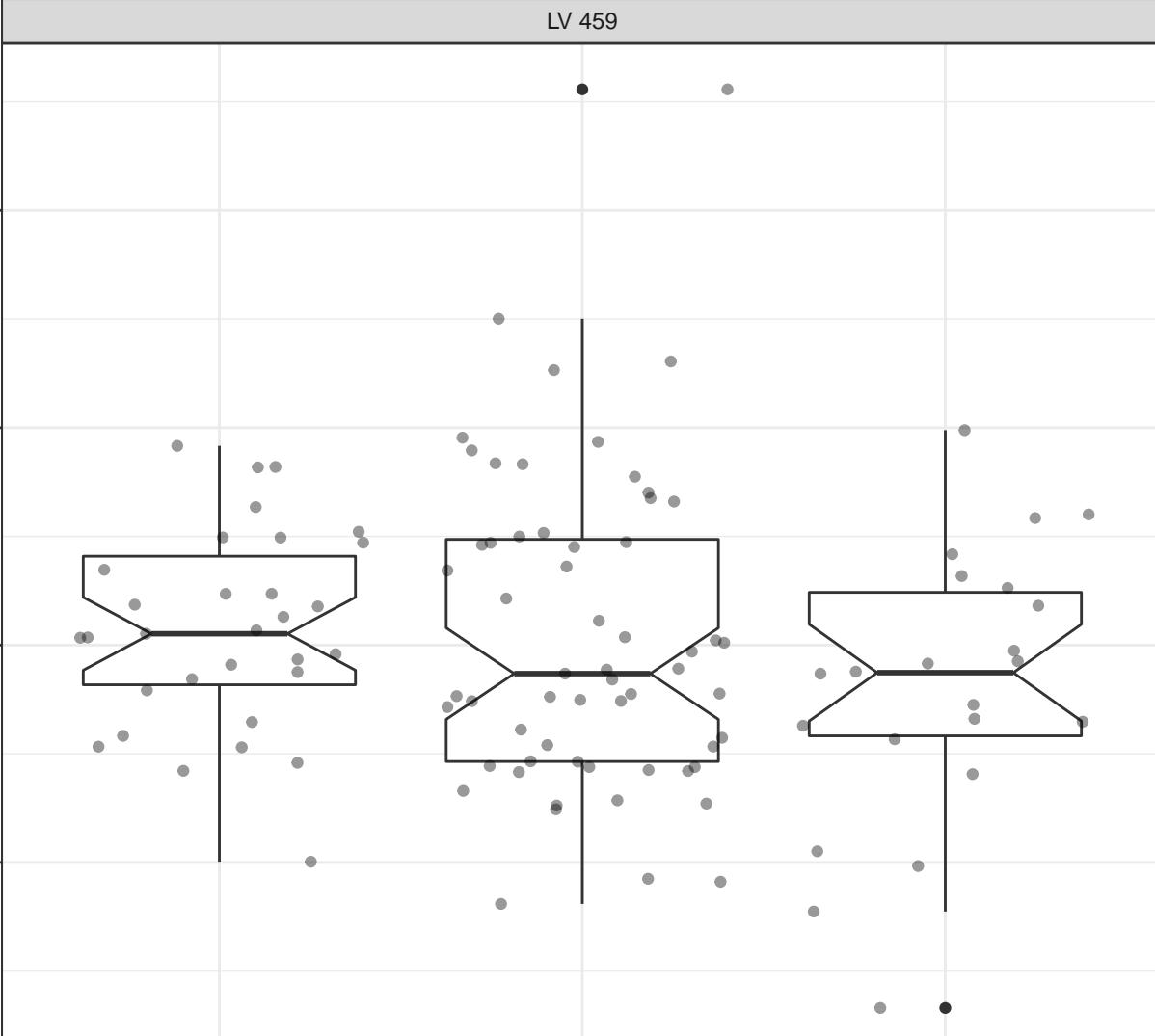
-0.05

Living donor control

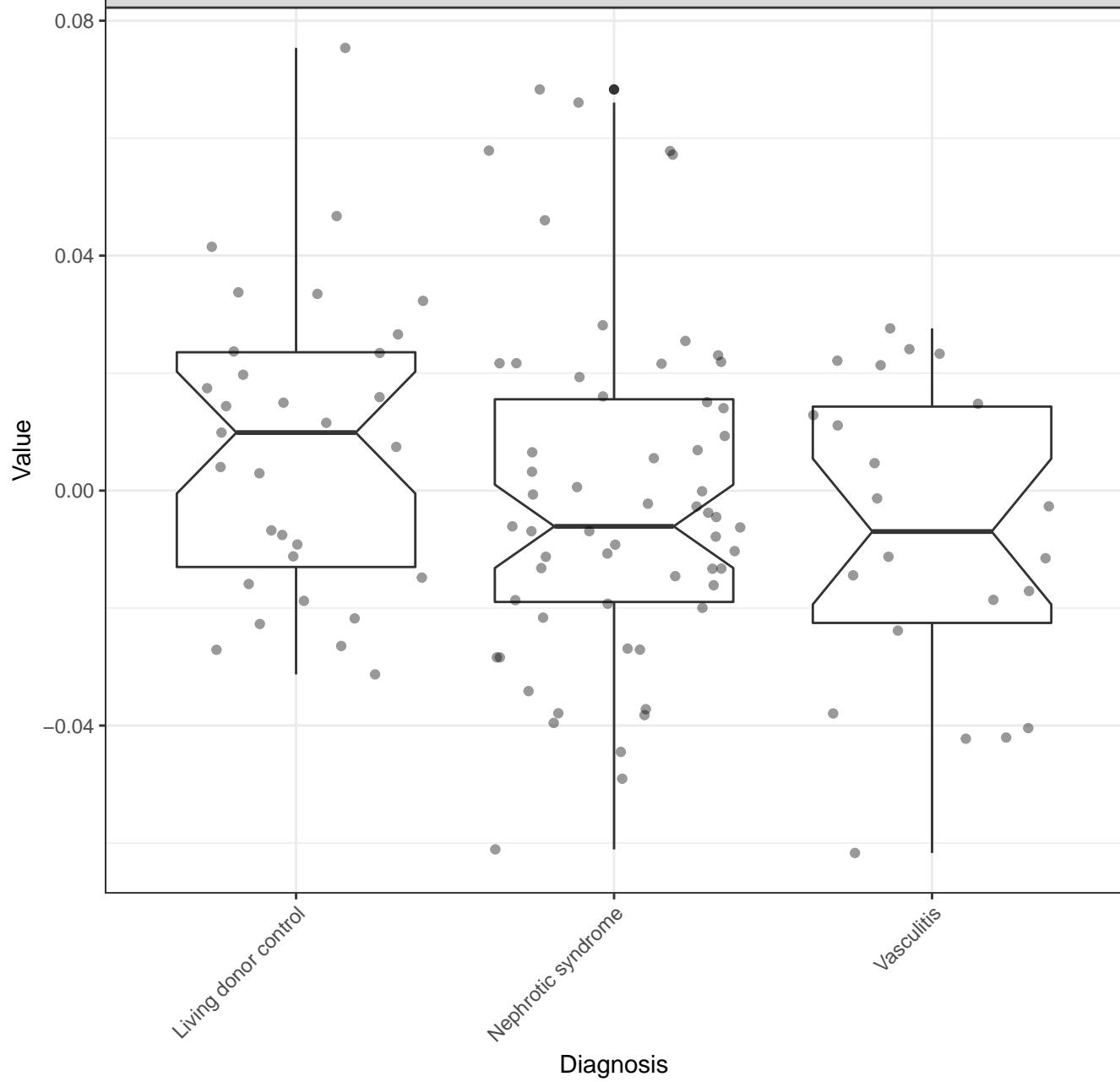
Nephrotic syndrome

Vasculitis

Diagnosis



LV 460



Value

0.05

0.00

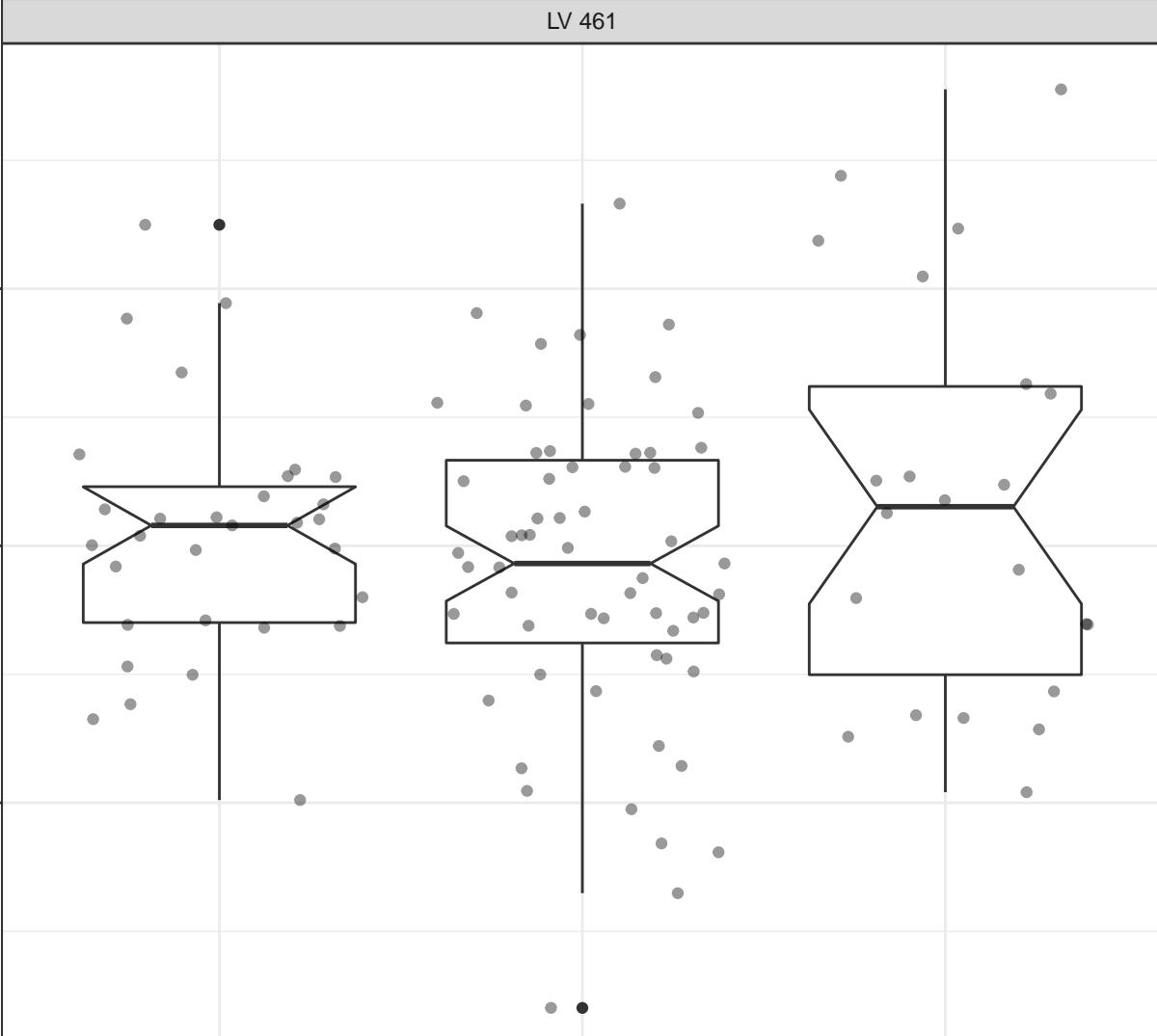
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

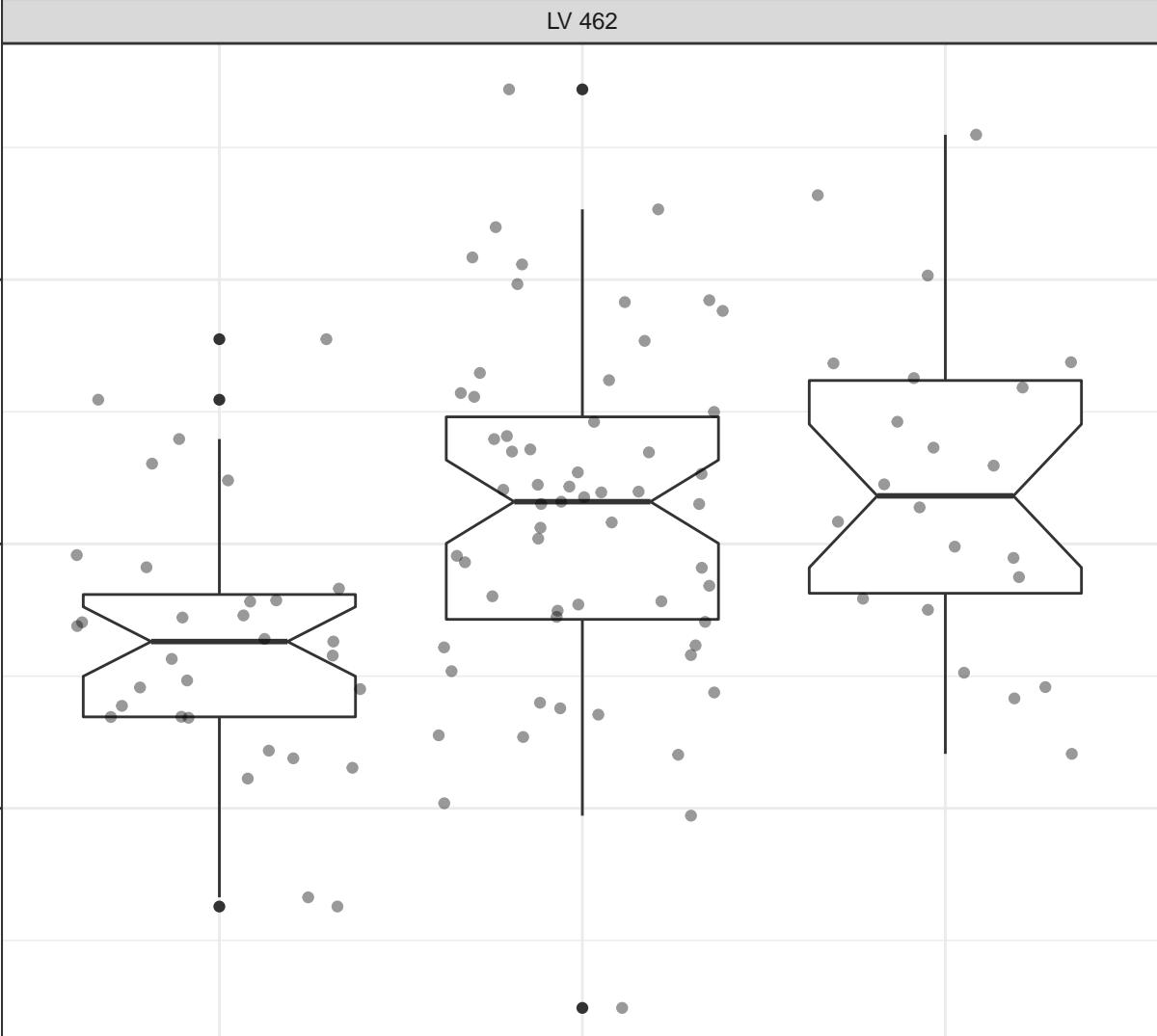
-0.05

Living donor control

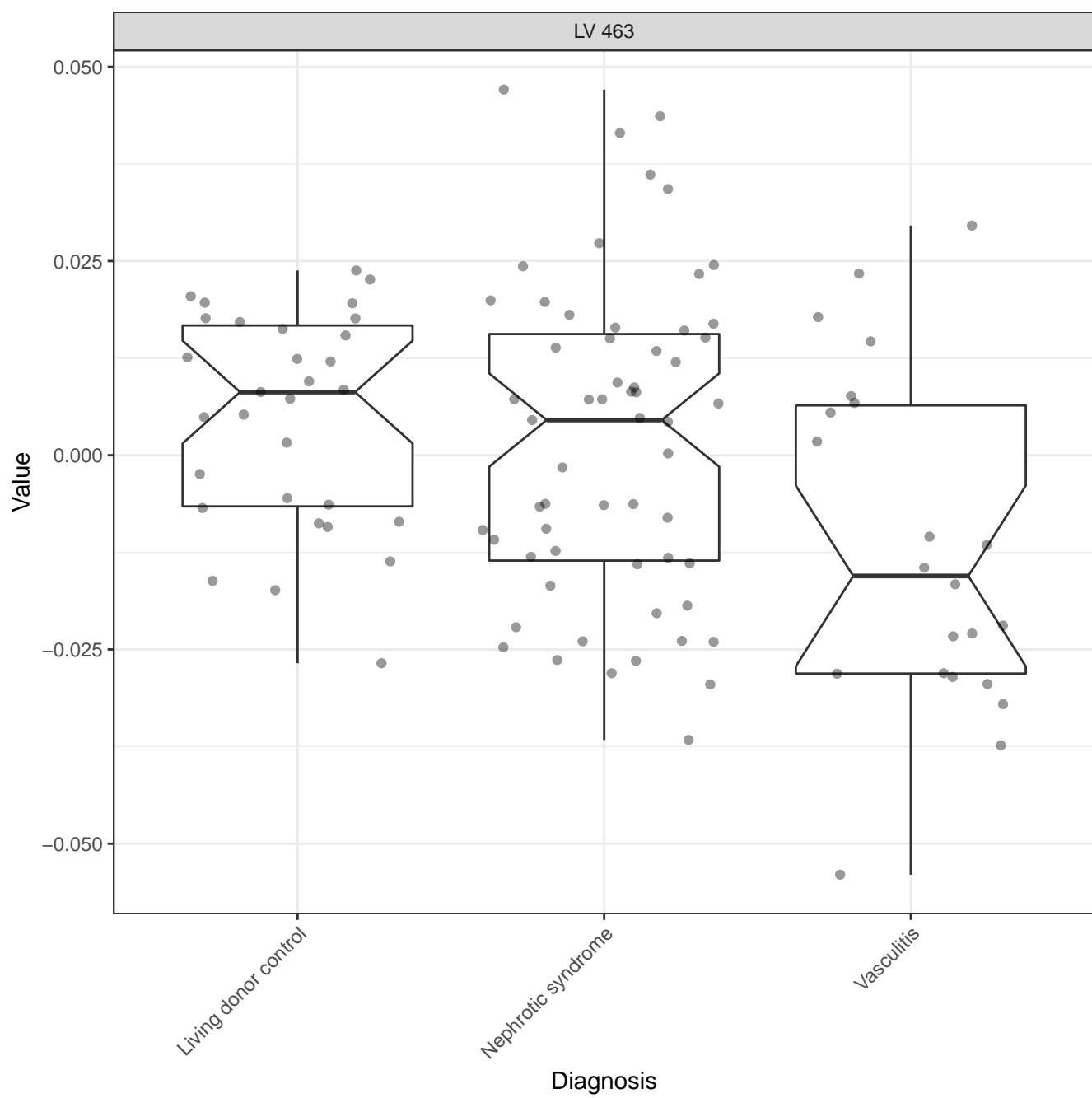
Nephrotic syndrome

Vasculitis

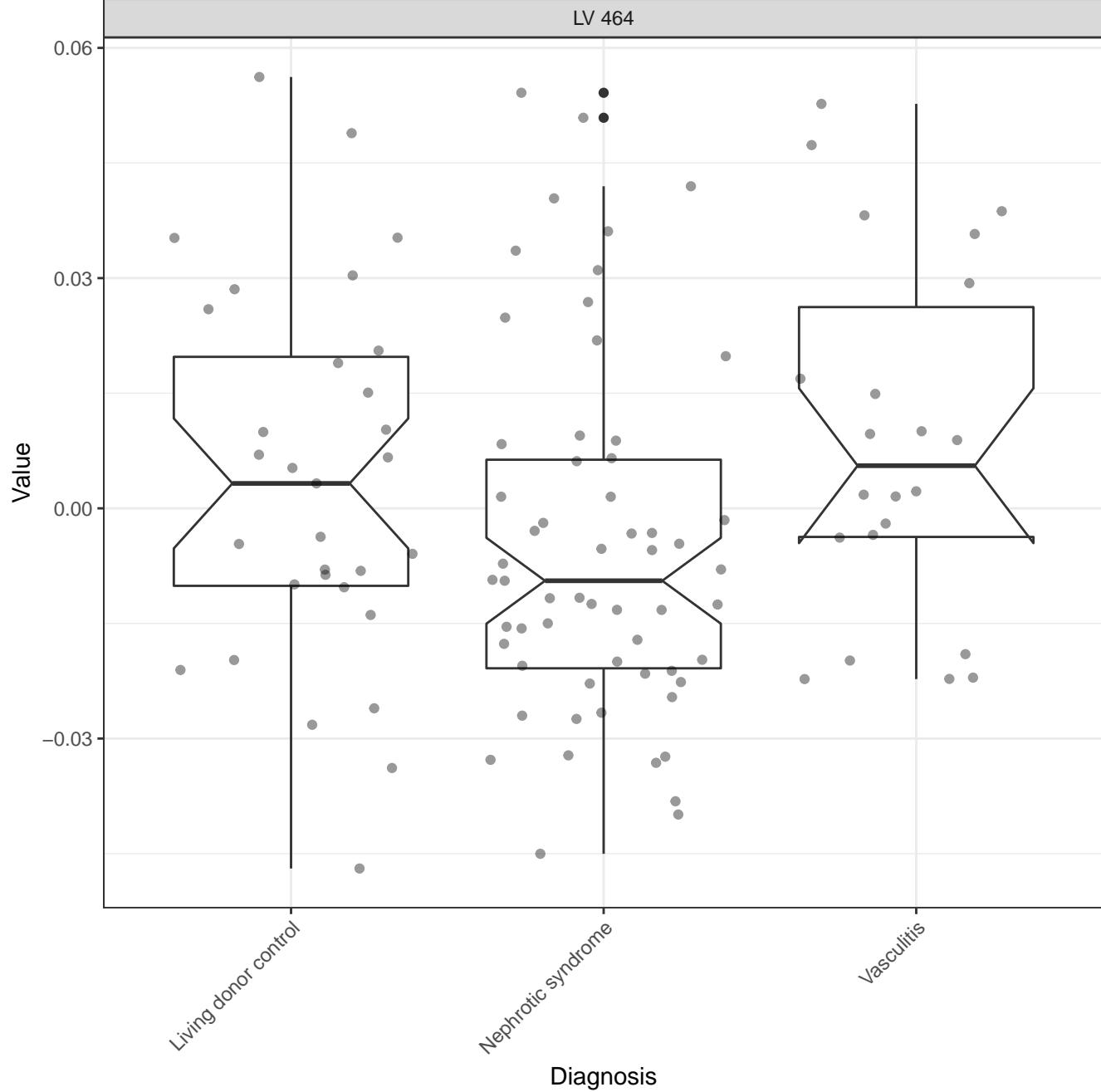
Diagnosis



LV 463



LV 464



LV 465

Value

0.10

0.05

0.00

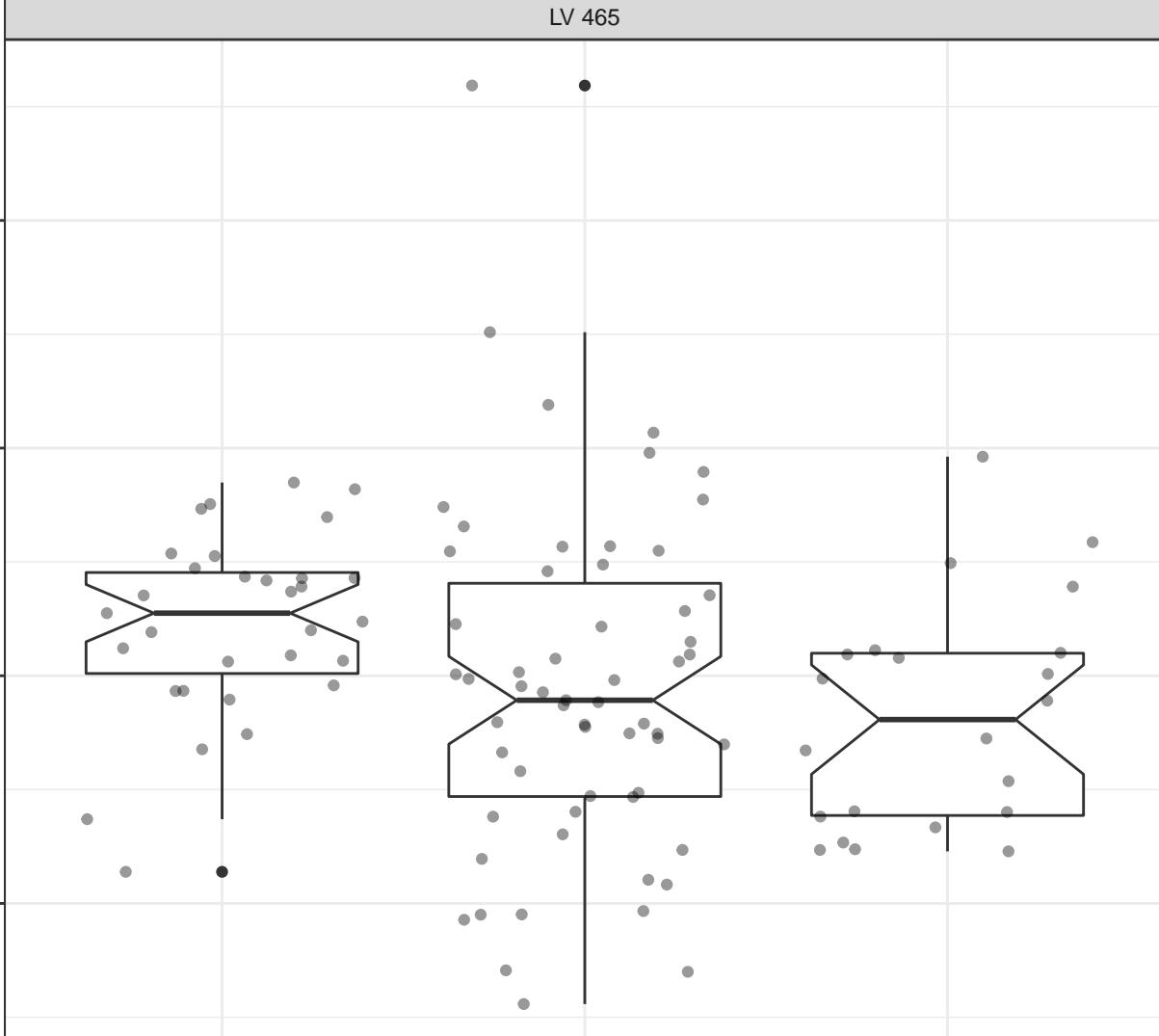
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.06

0.03

0.00

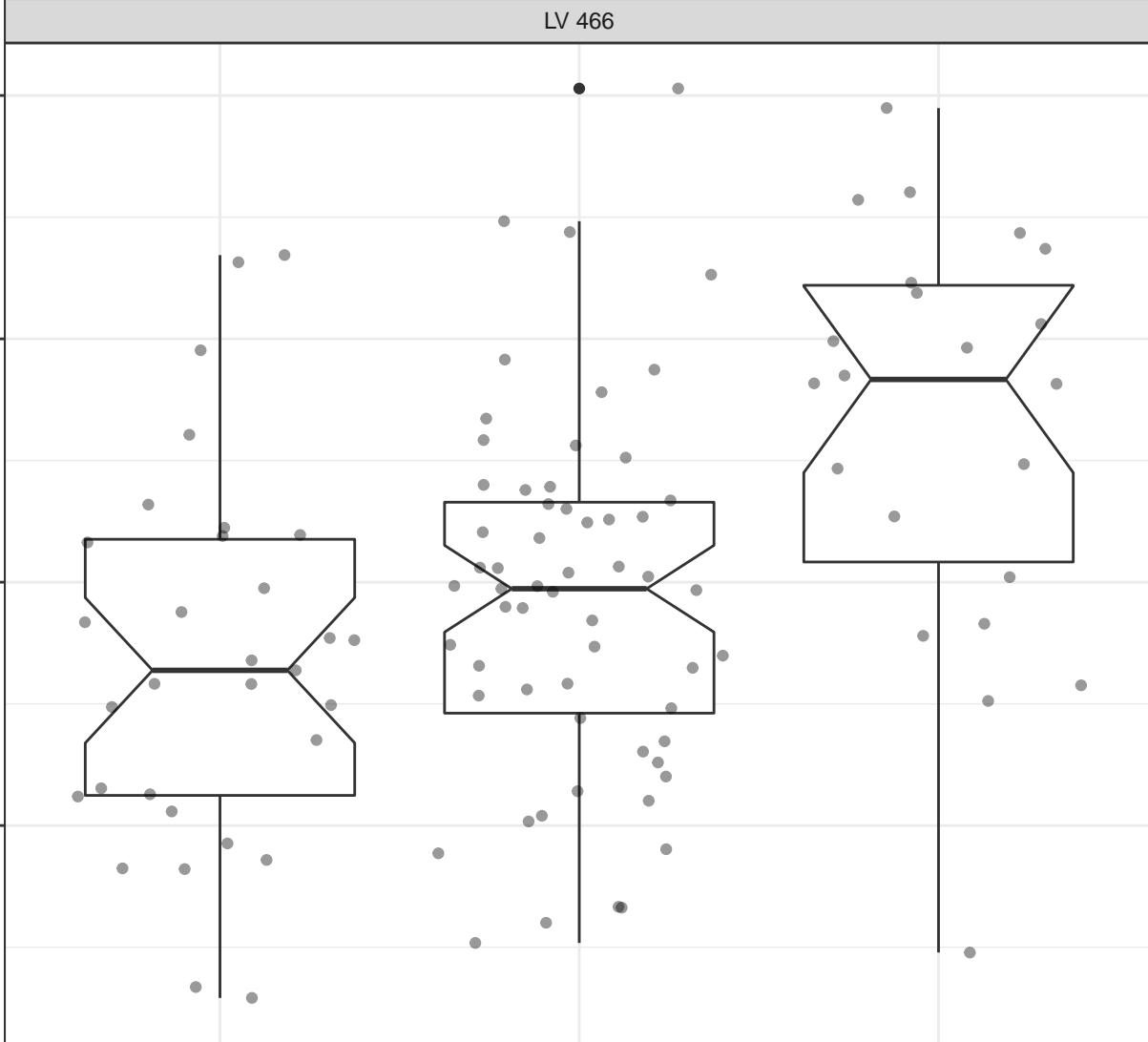
-0.03

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 467

Value

0.05

0.00

-0.05

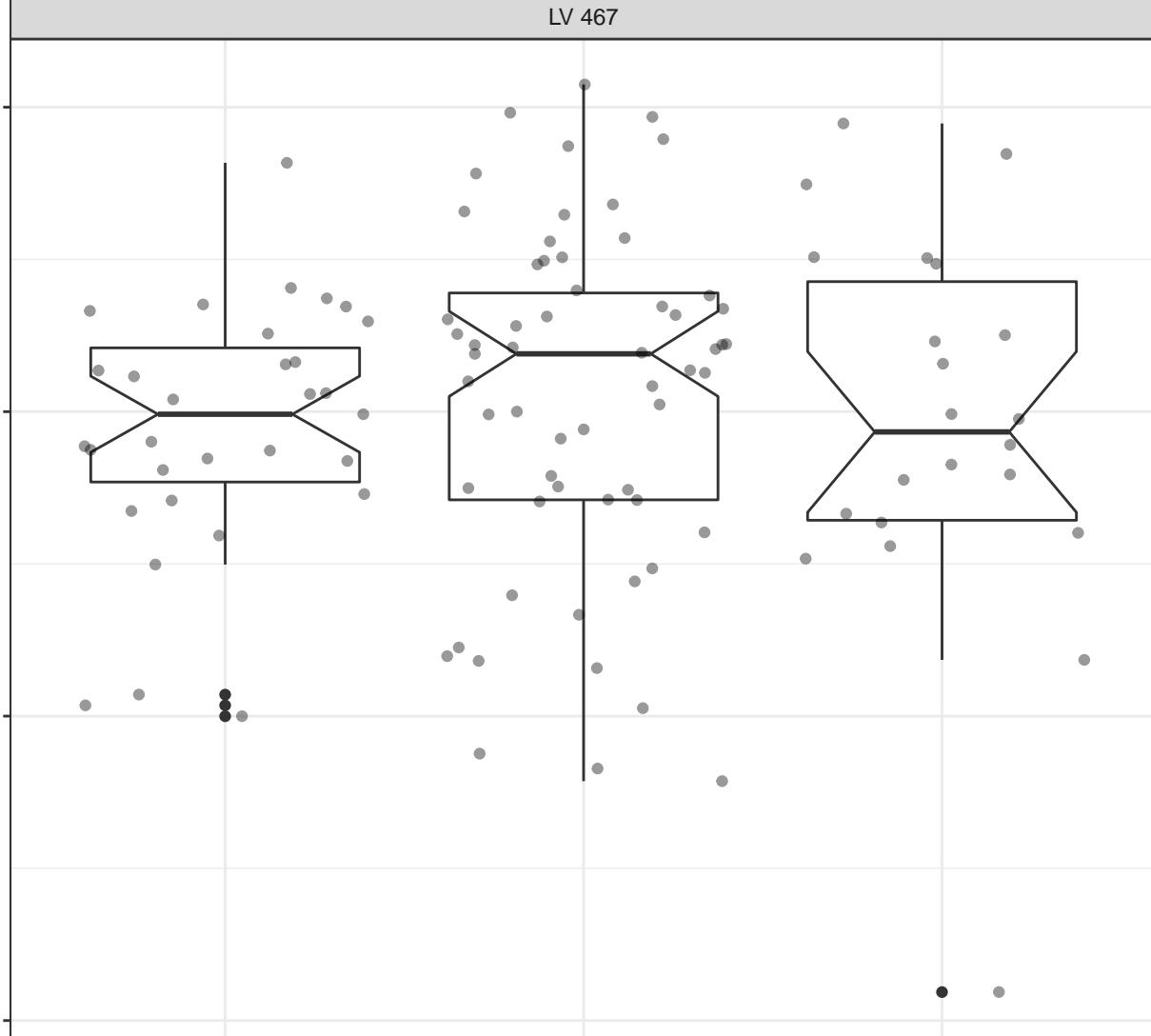
-0.10

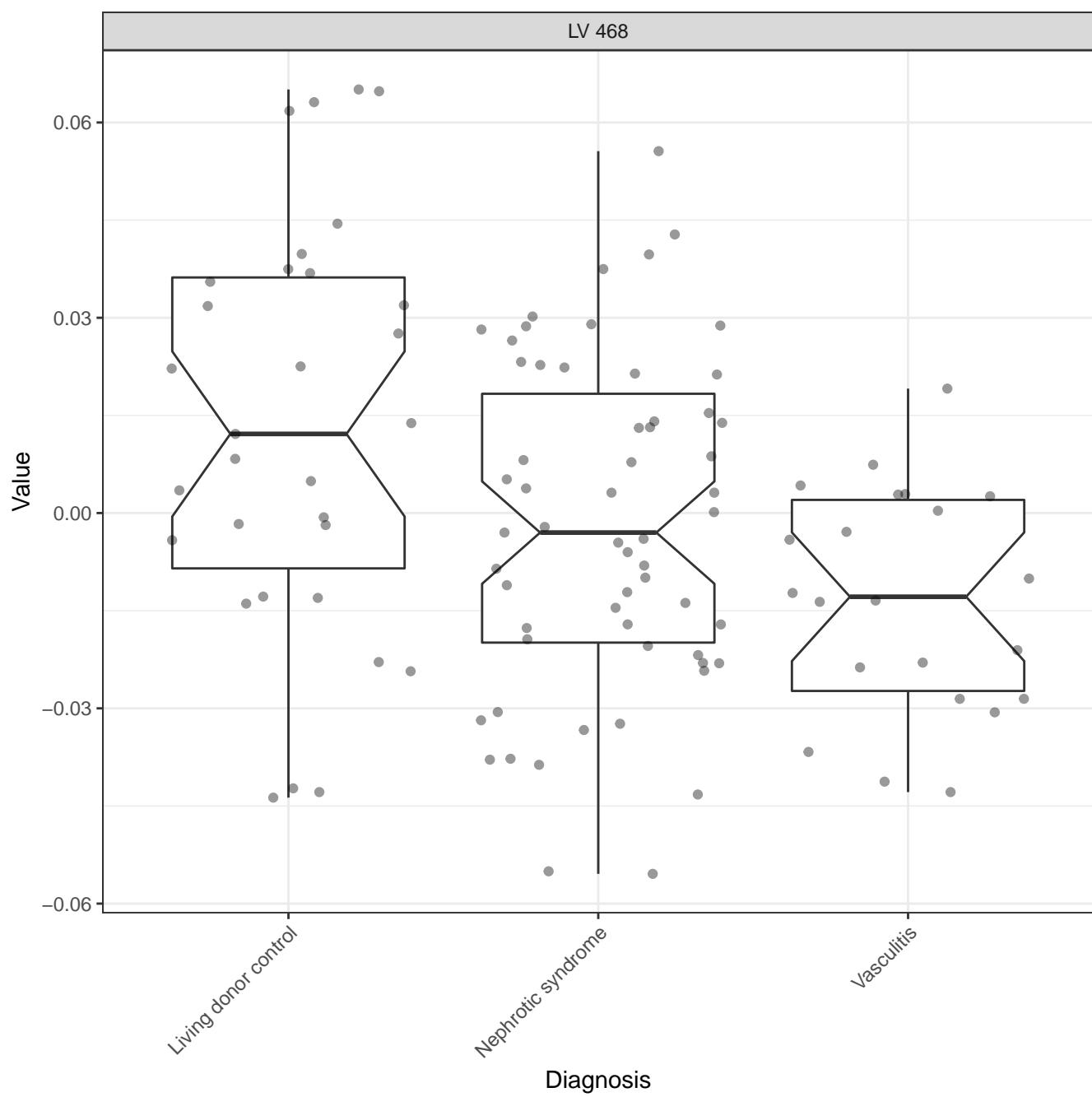
Living donor control

Nephrotic syndrome

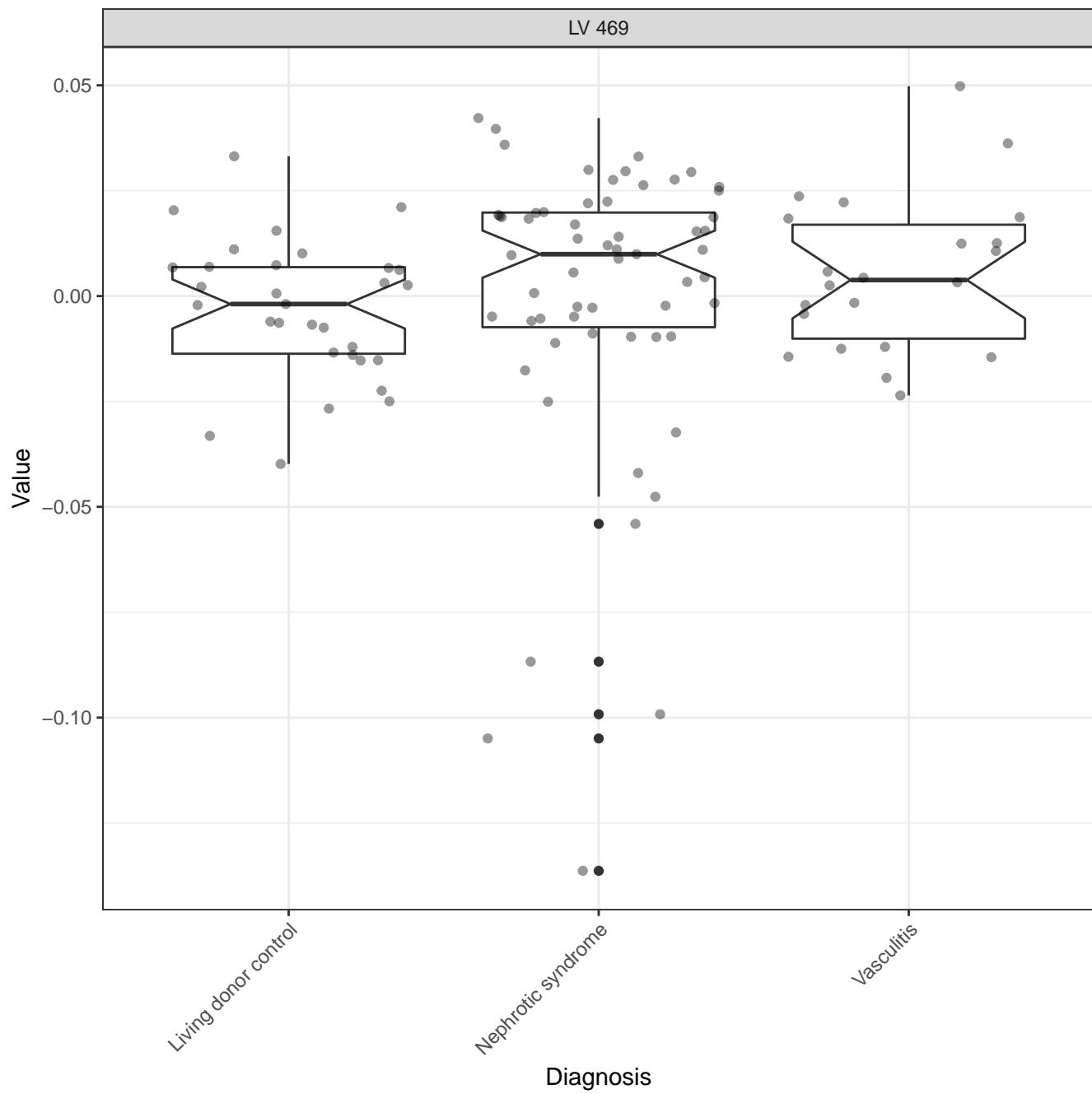
Vasculitis

Diagnosis

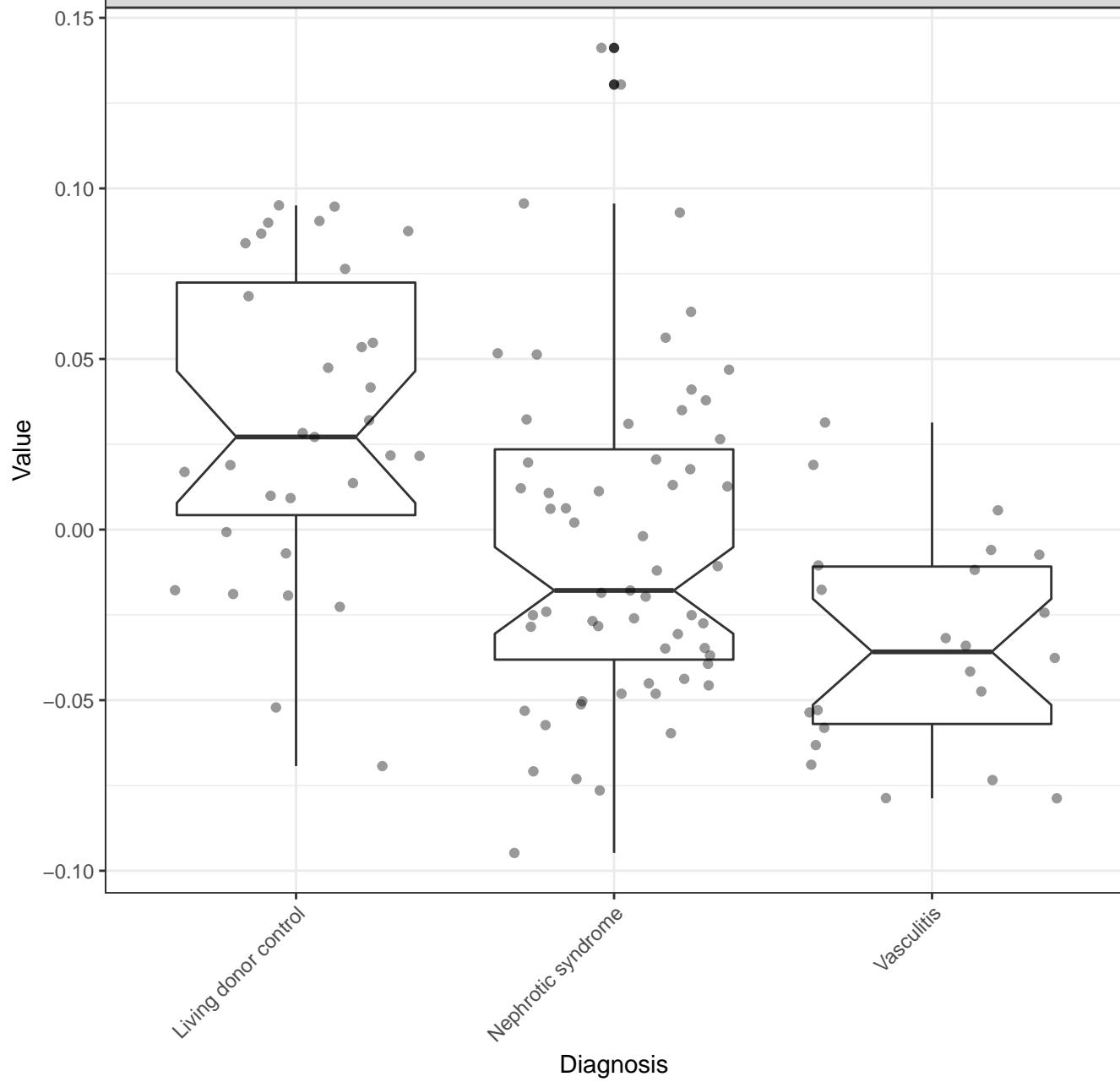


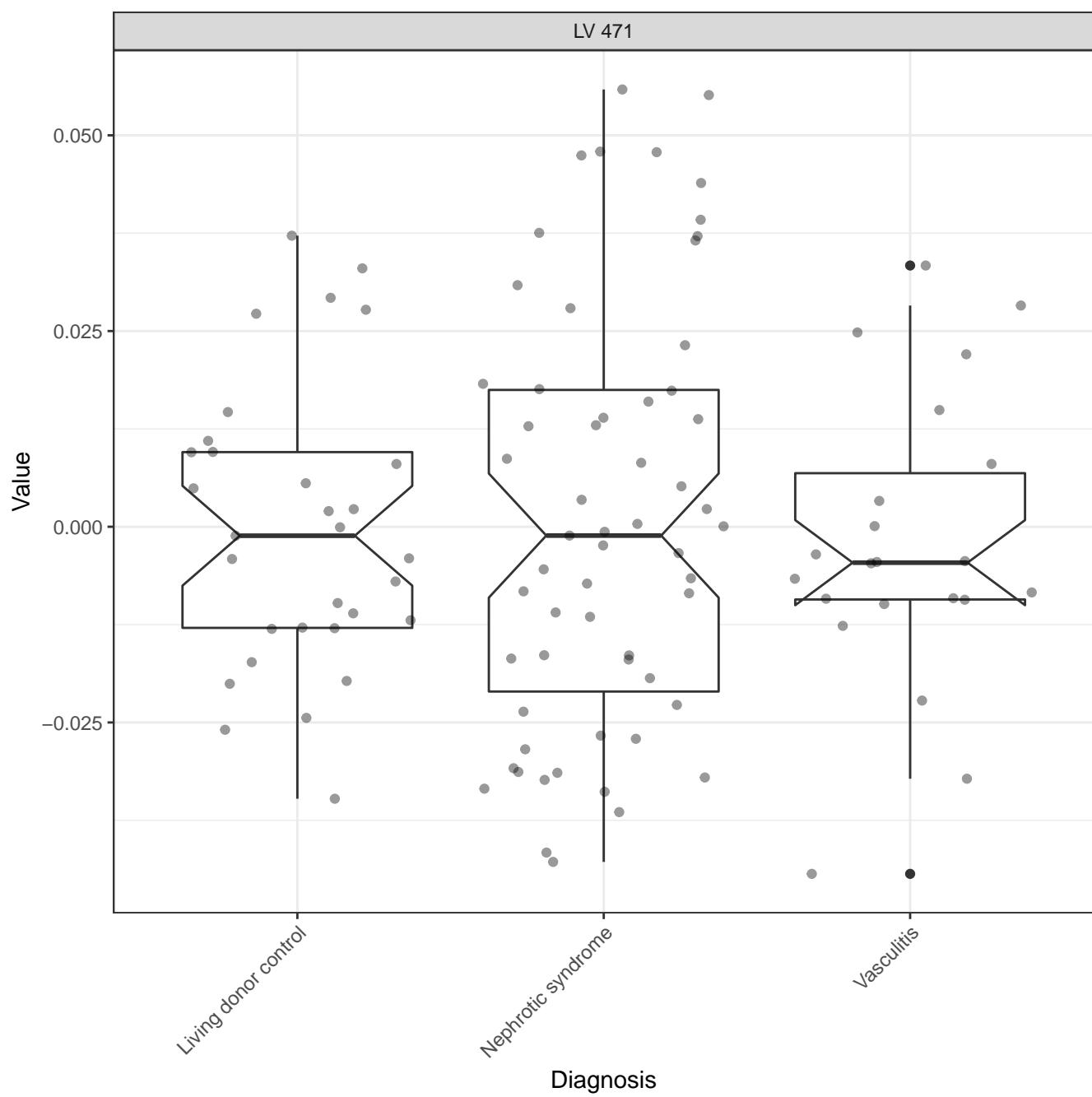


LV 469

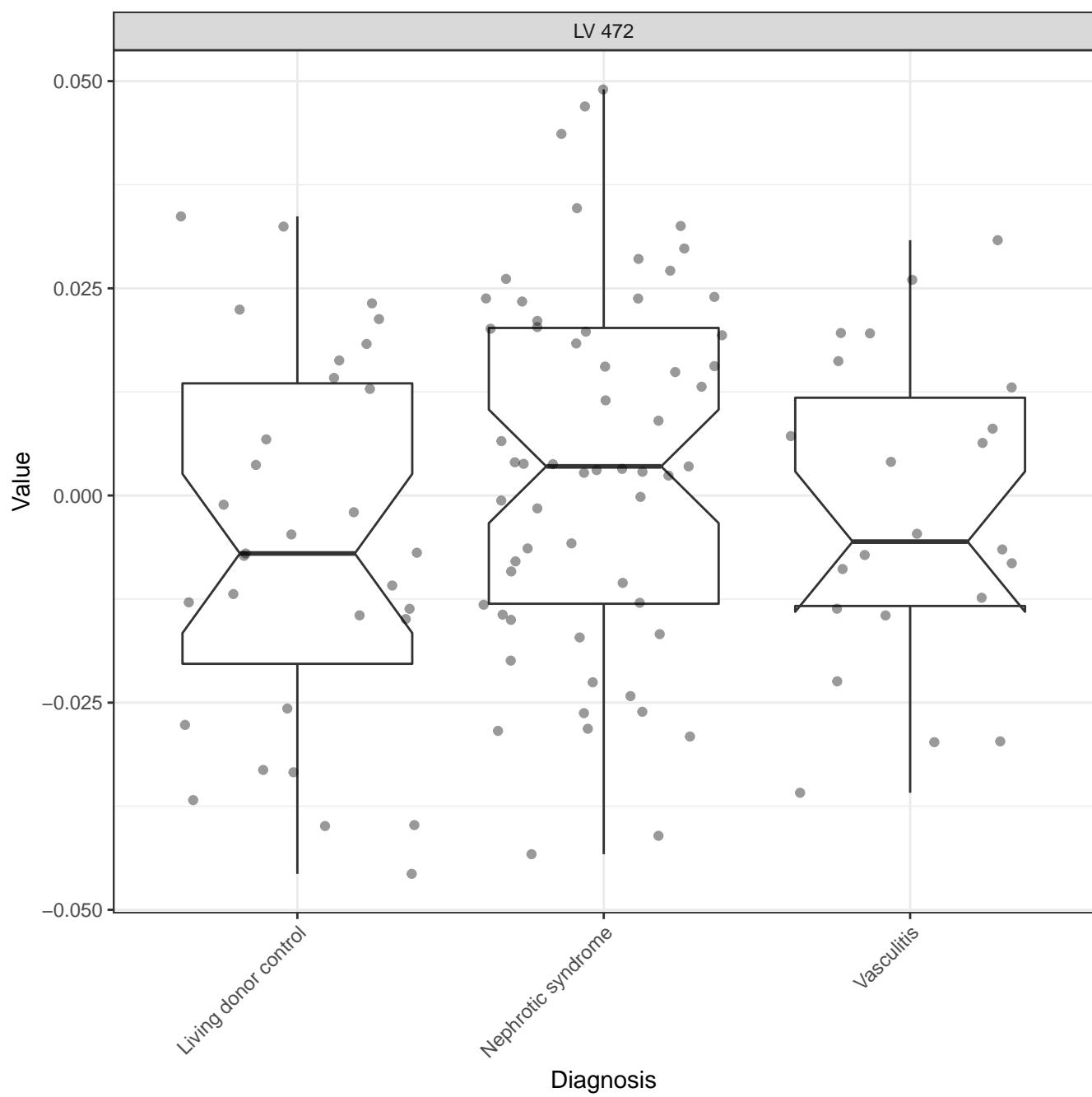


LV 470

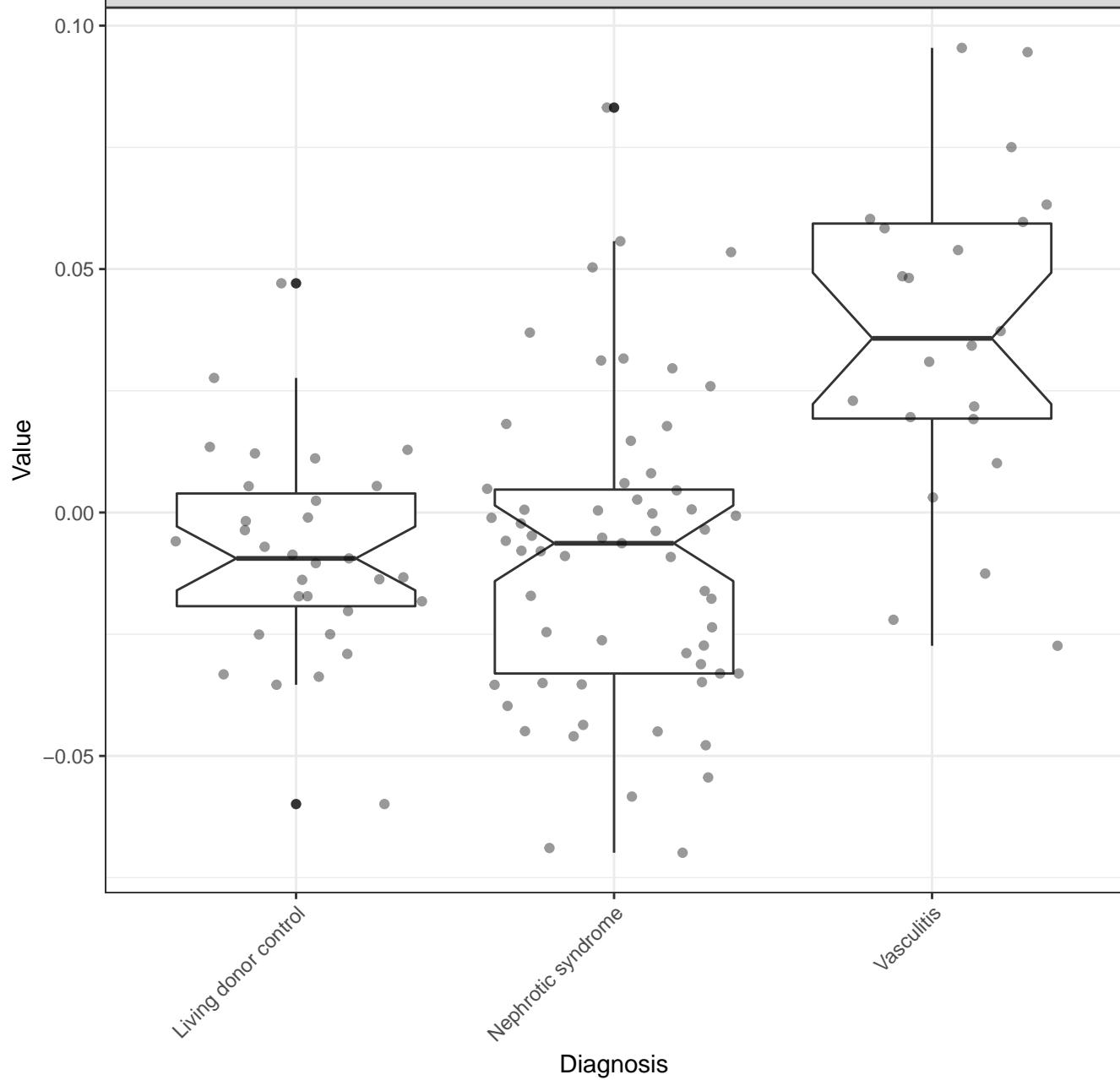




LV 472



# 473,KEGG\_COMPLEMENT\_AND\_COAGULATION\_CASCADES



LV 474

Value

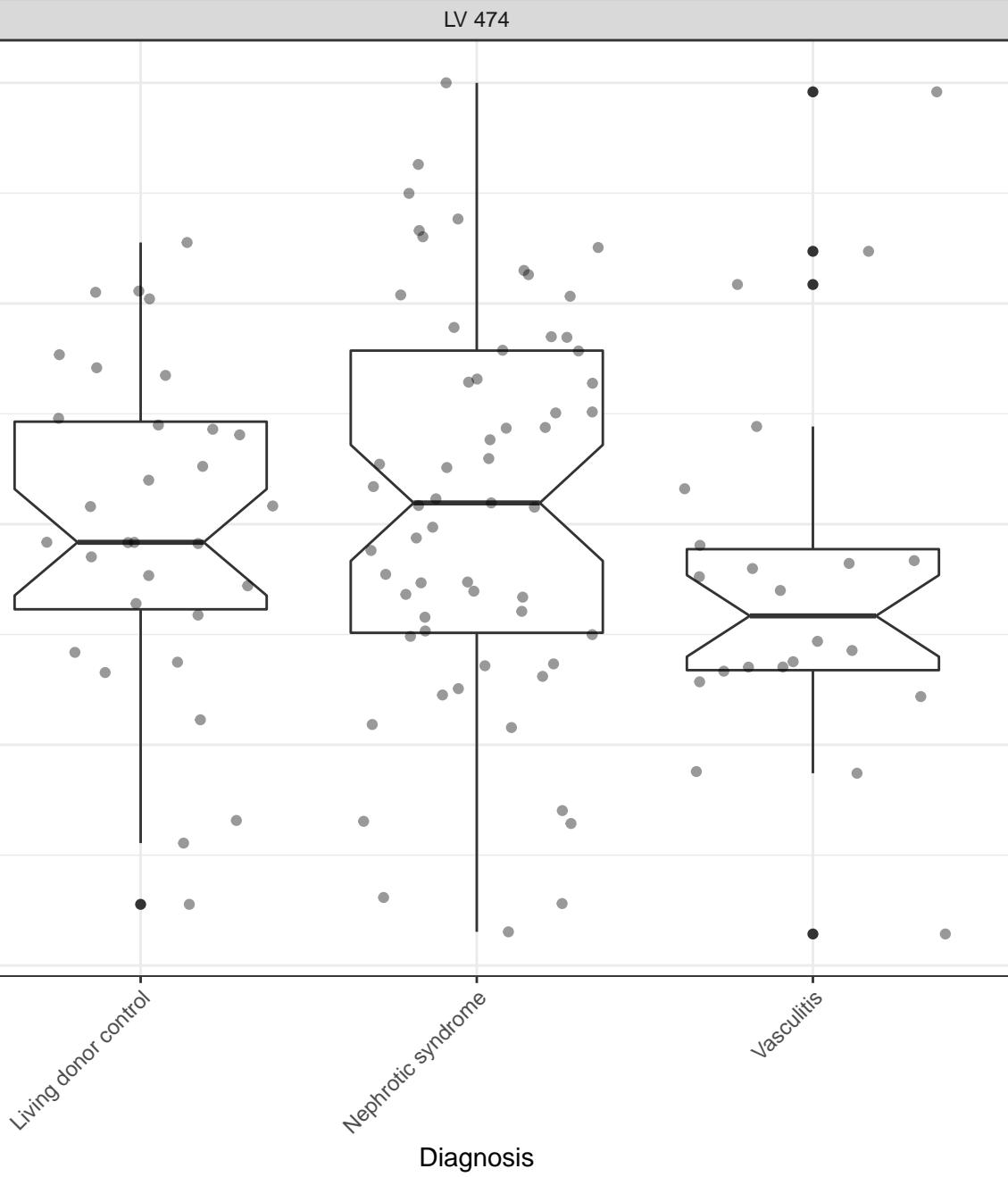
0.06  
0.03  
0.00  
-0.03  
-0.06

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

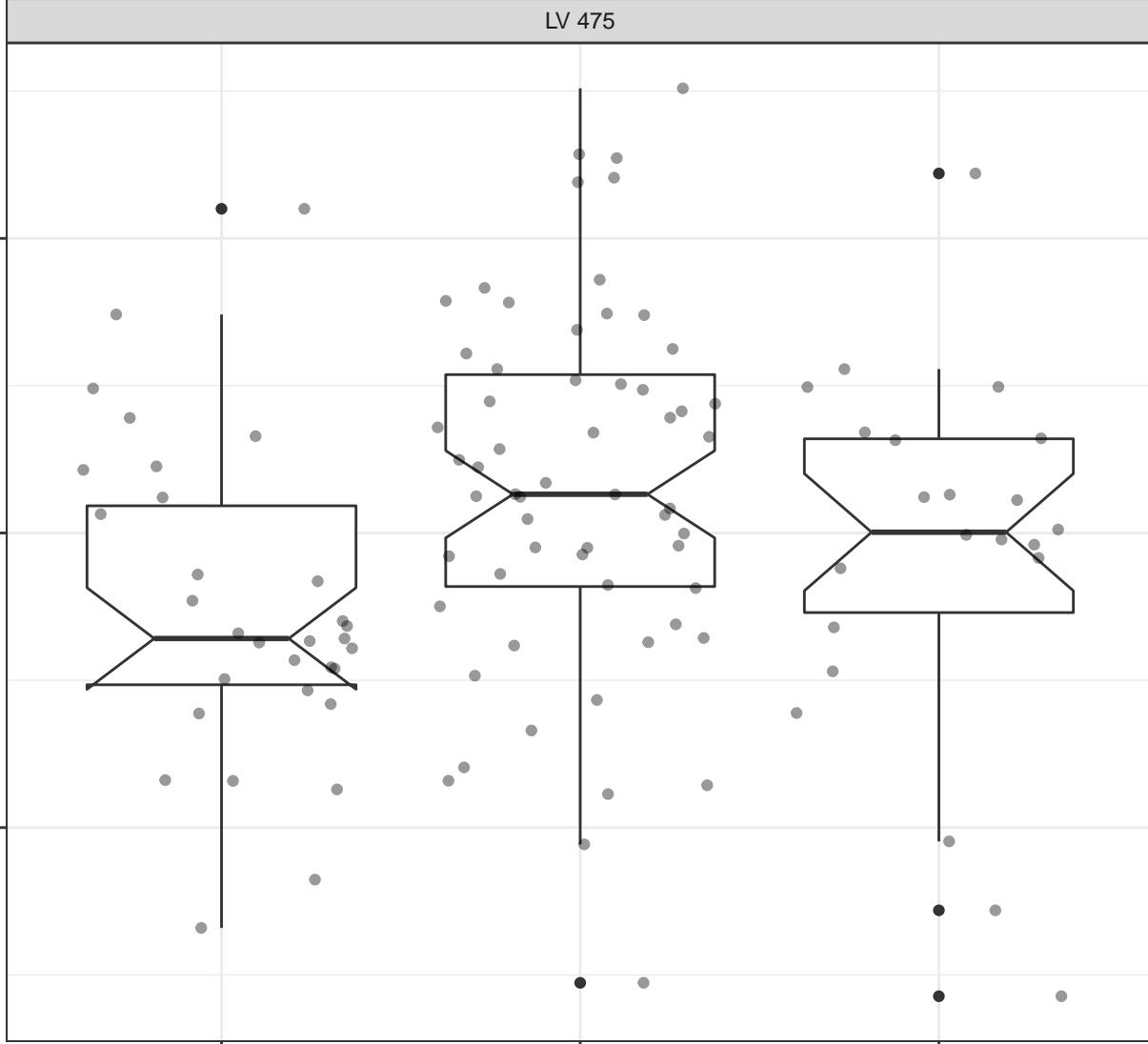
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 476

Value

0.10

0.05

0.00

-0.05

-0.10

-0.15

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 477

Value

0.08

0.04

0.00

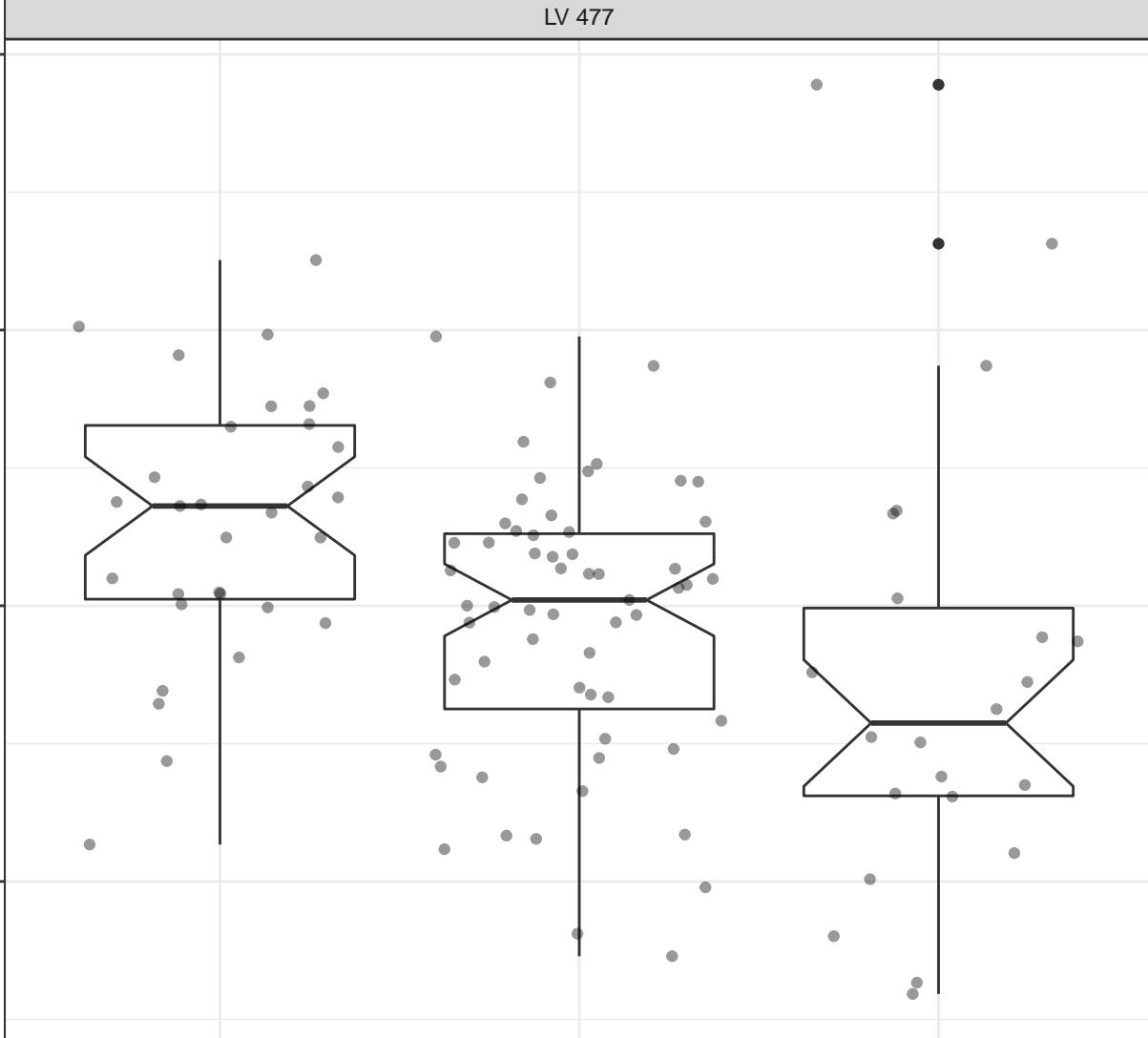
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 478

Value

0.05

0.00

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.05

0.00

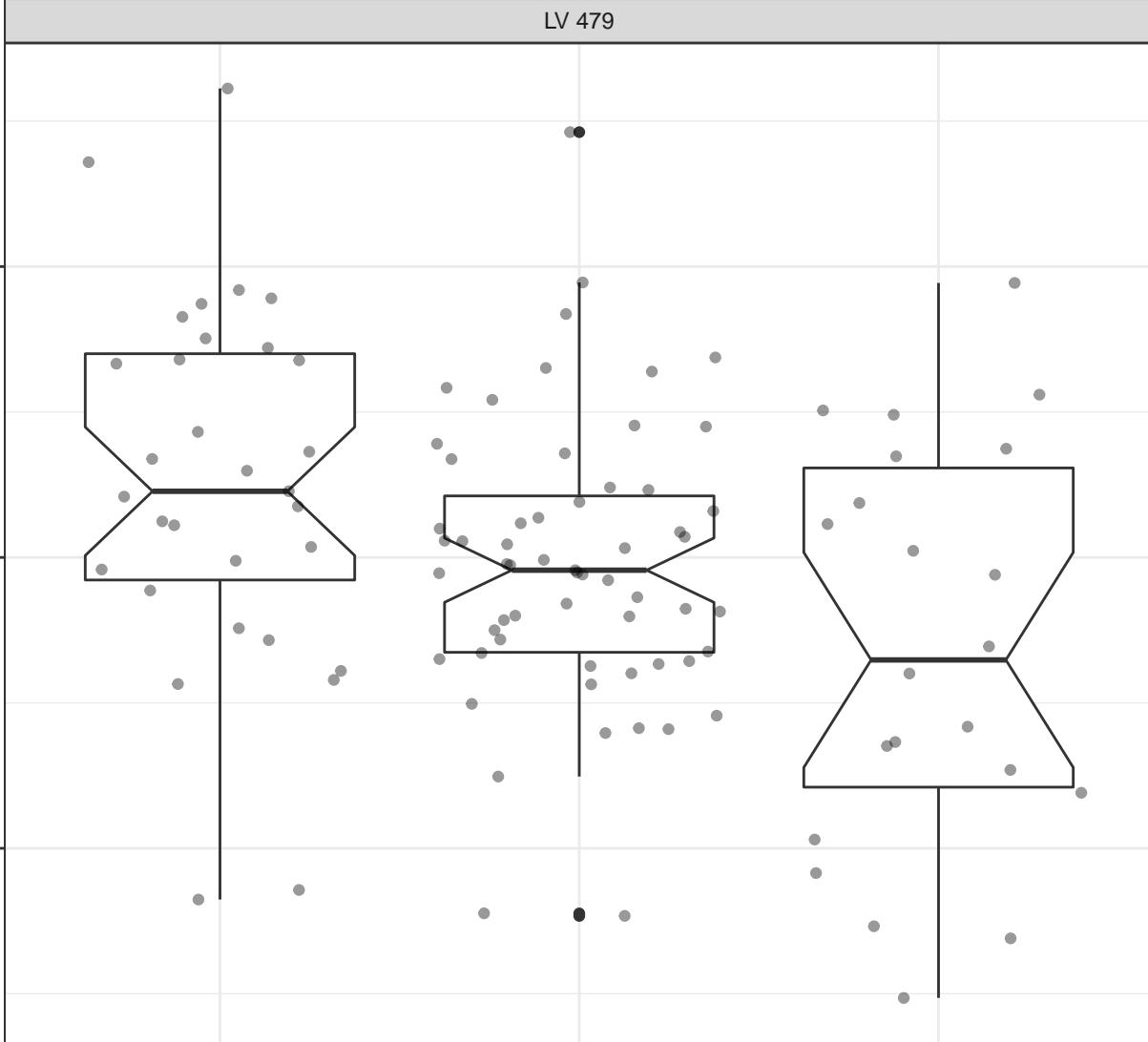
-0.05

Living donor control

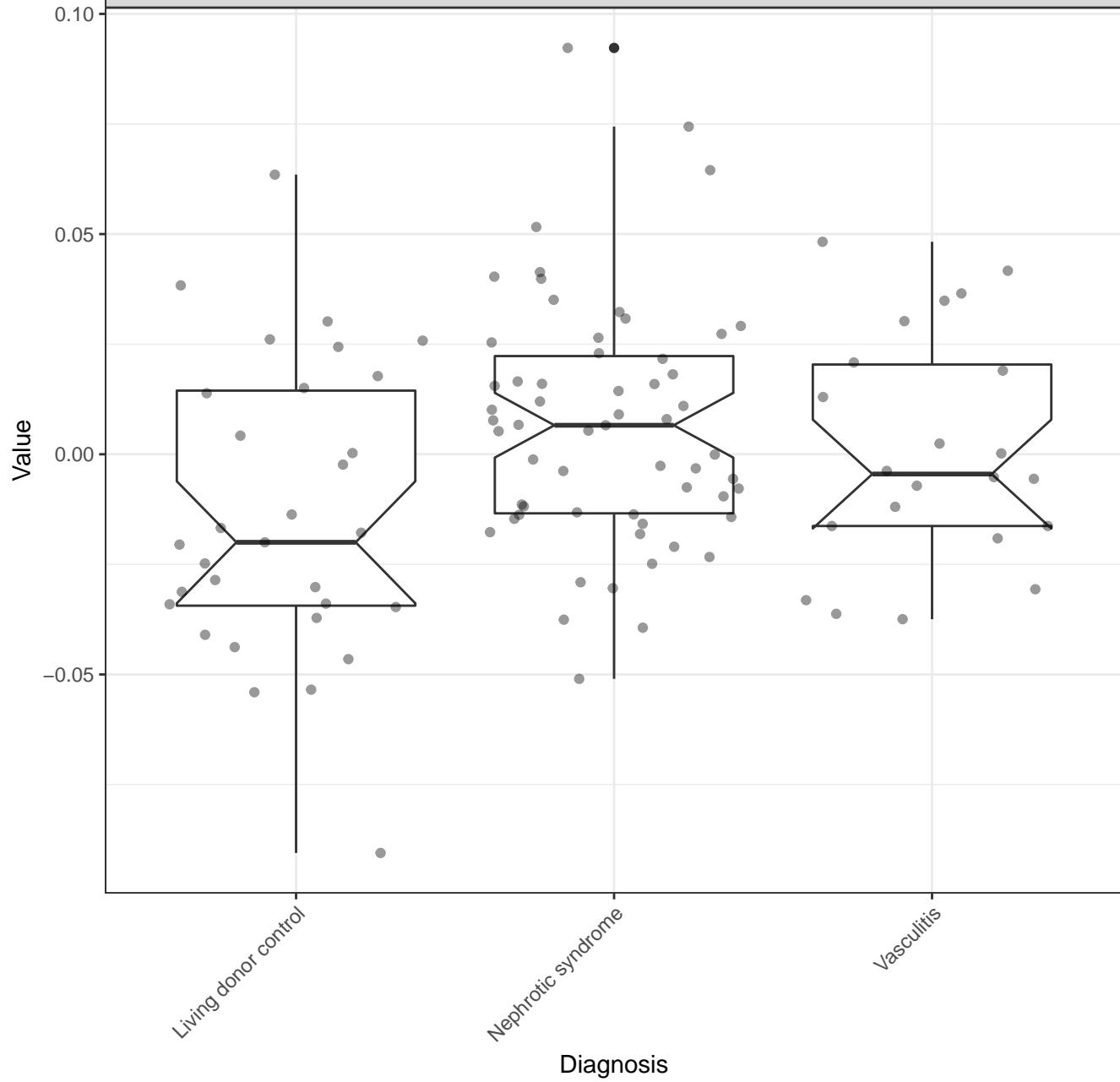
Nephrotic syndrome

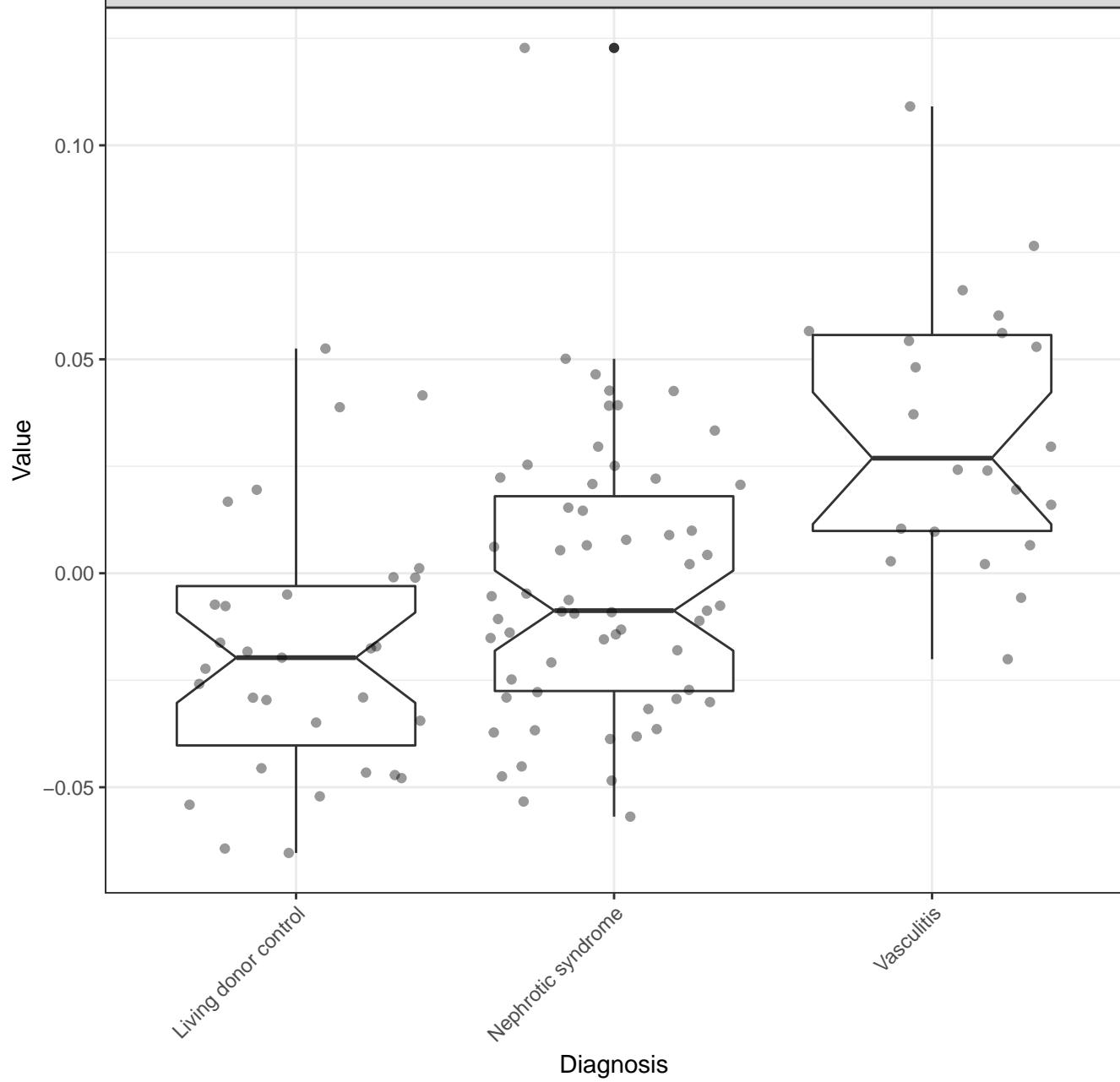
Vasculitis

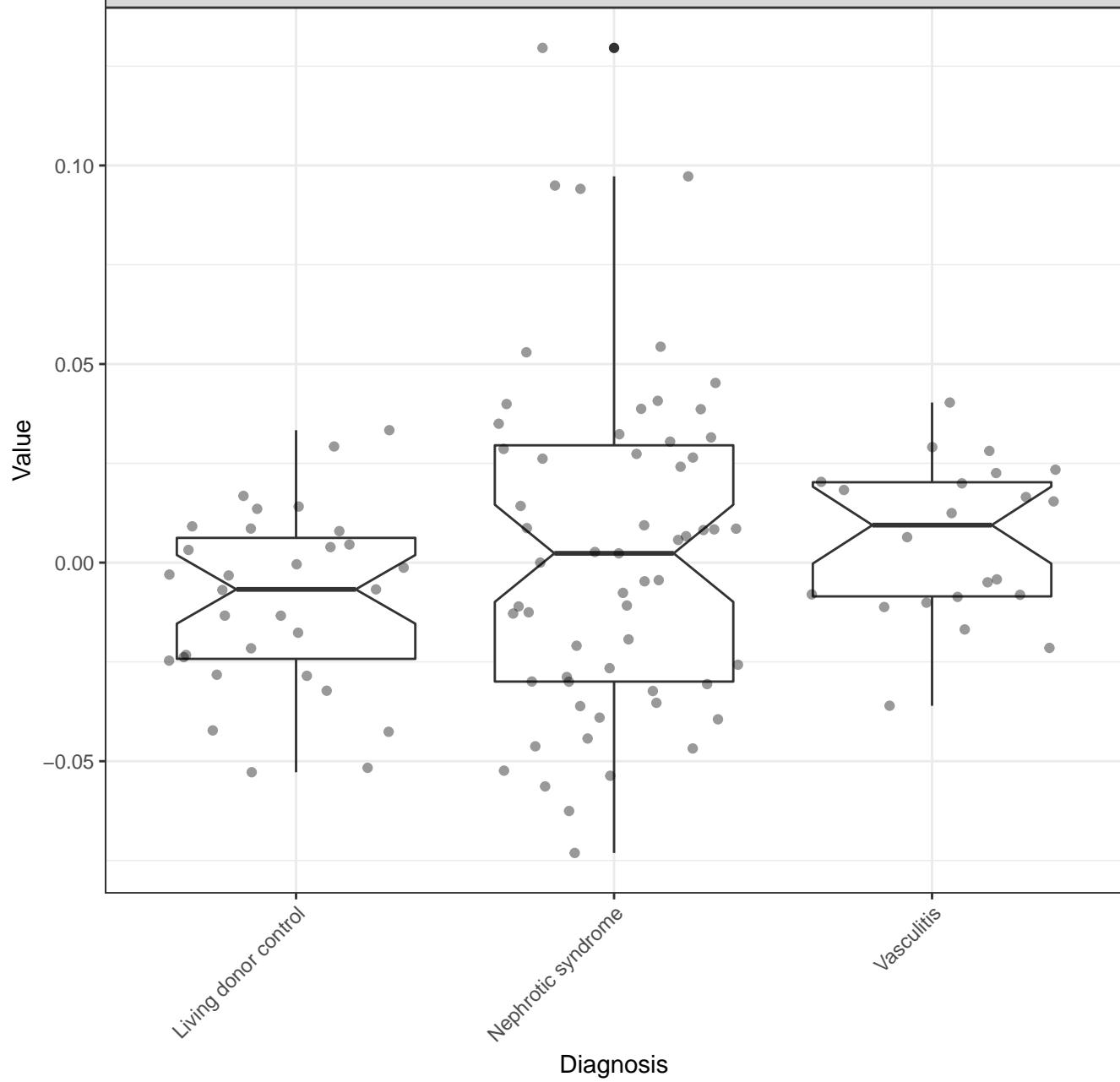
Diagnosis

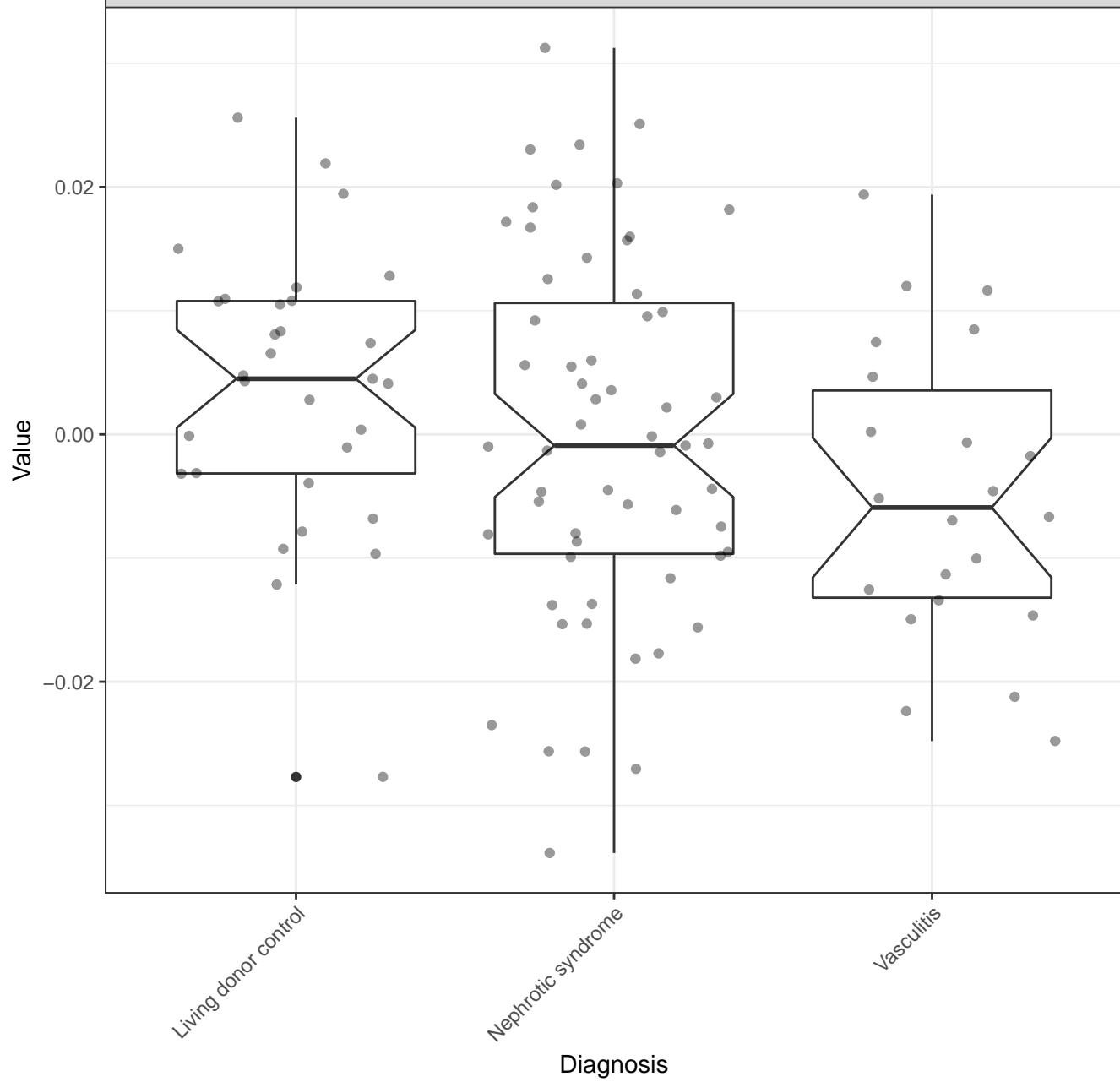


LV 480

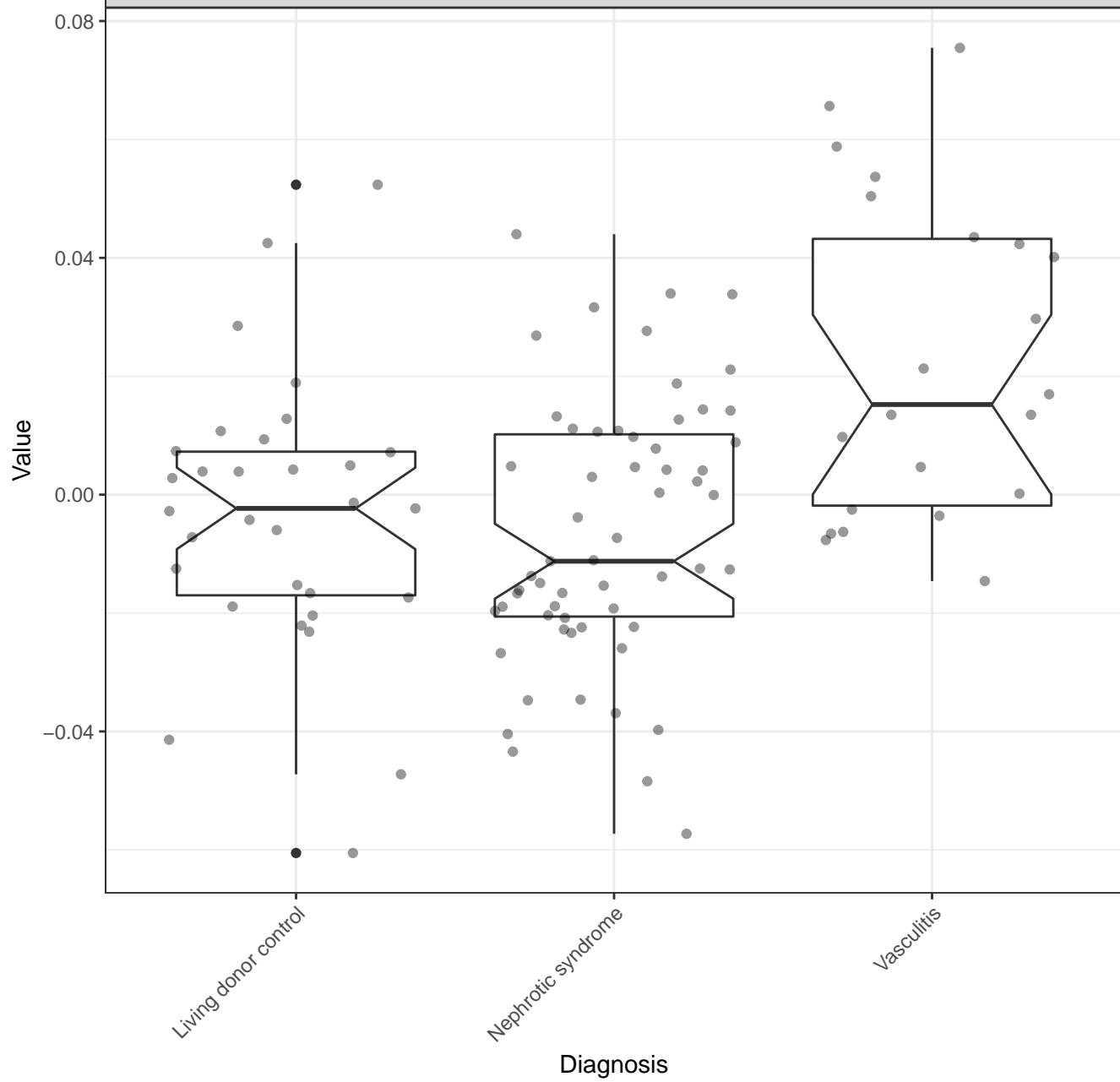








LV 484



LV 485

Value

0.05

0.00

-0.05

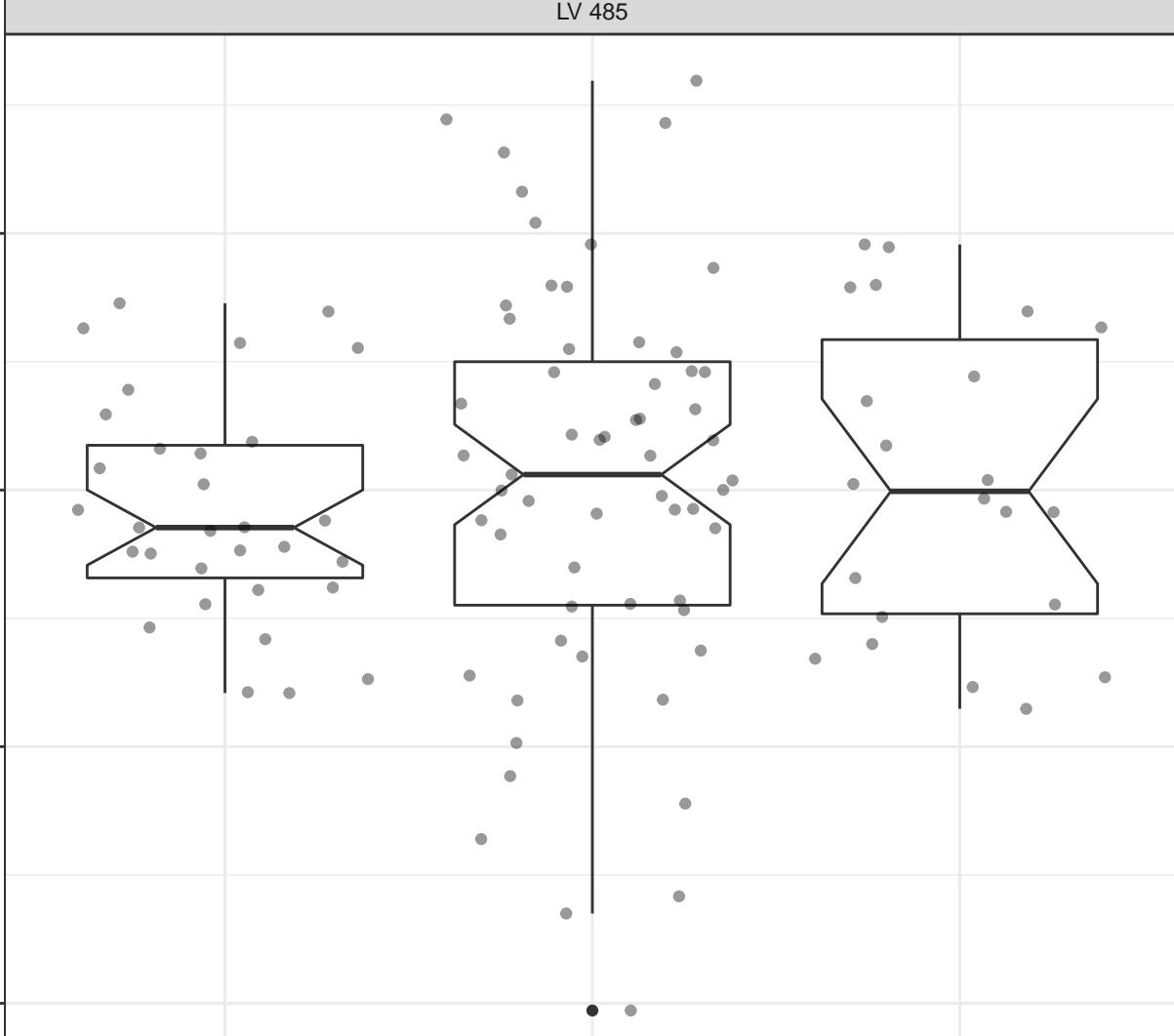
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 486

Value

0.06

0.03

0.00

-0.03

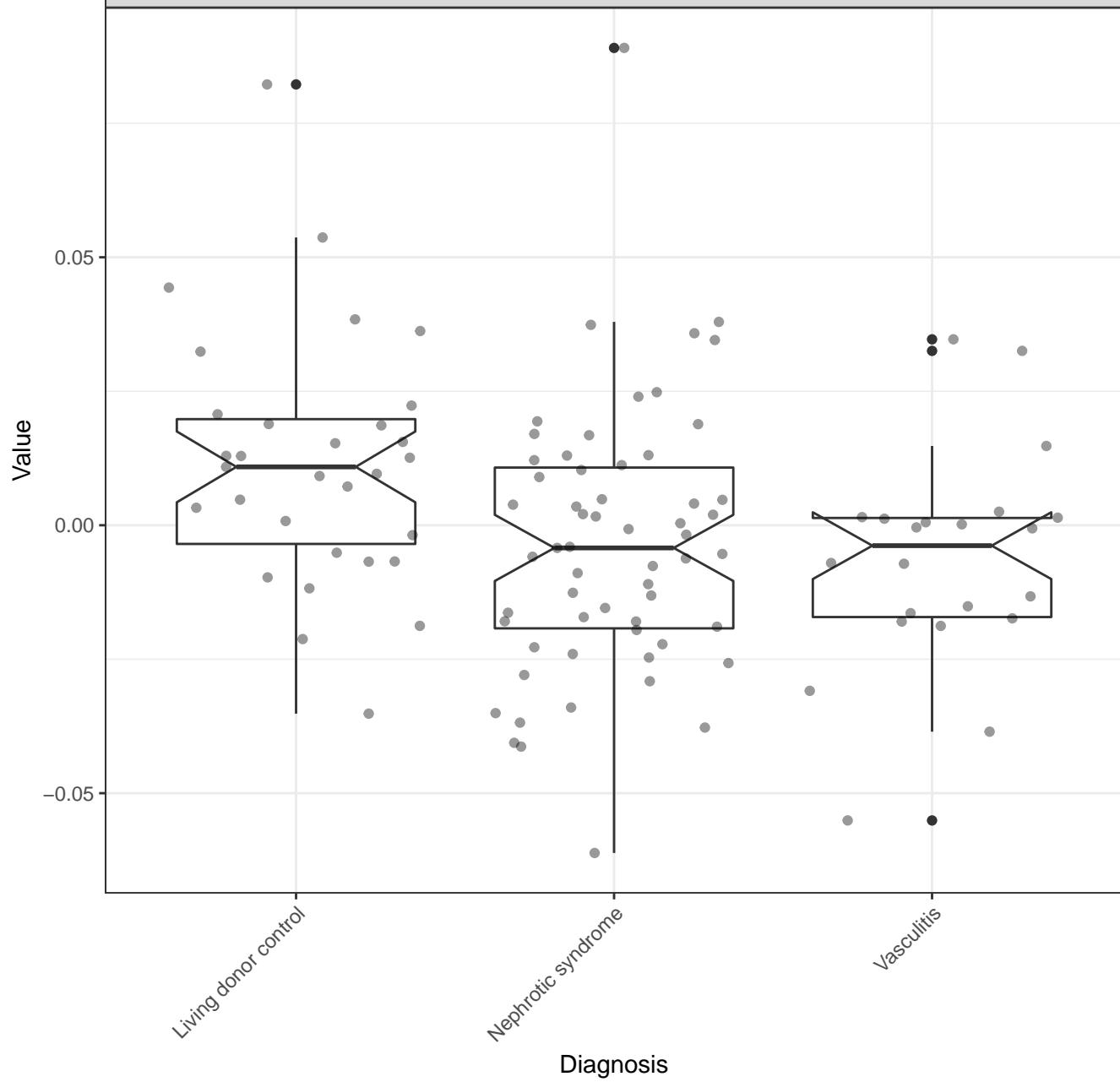
-0.06

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

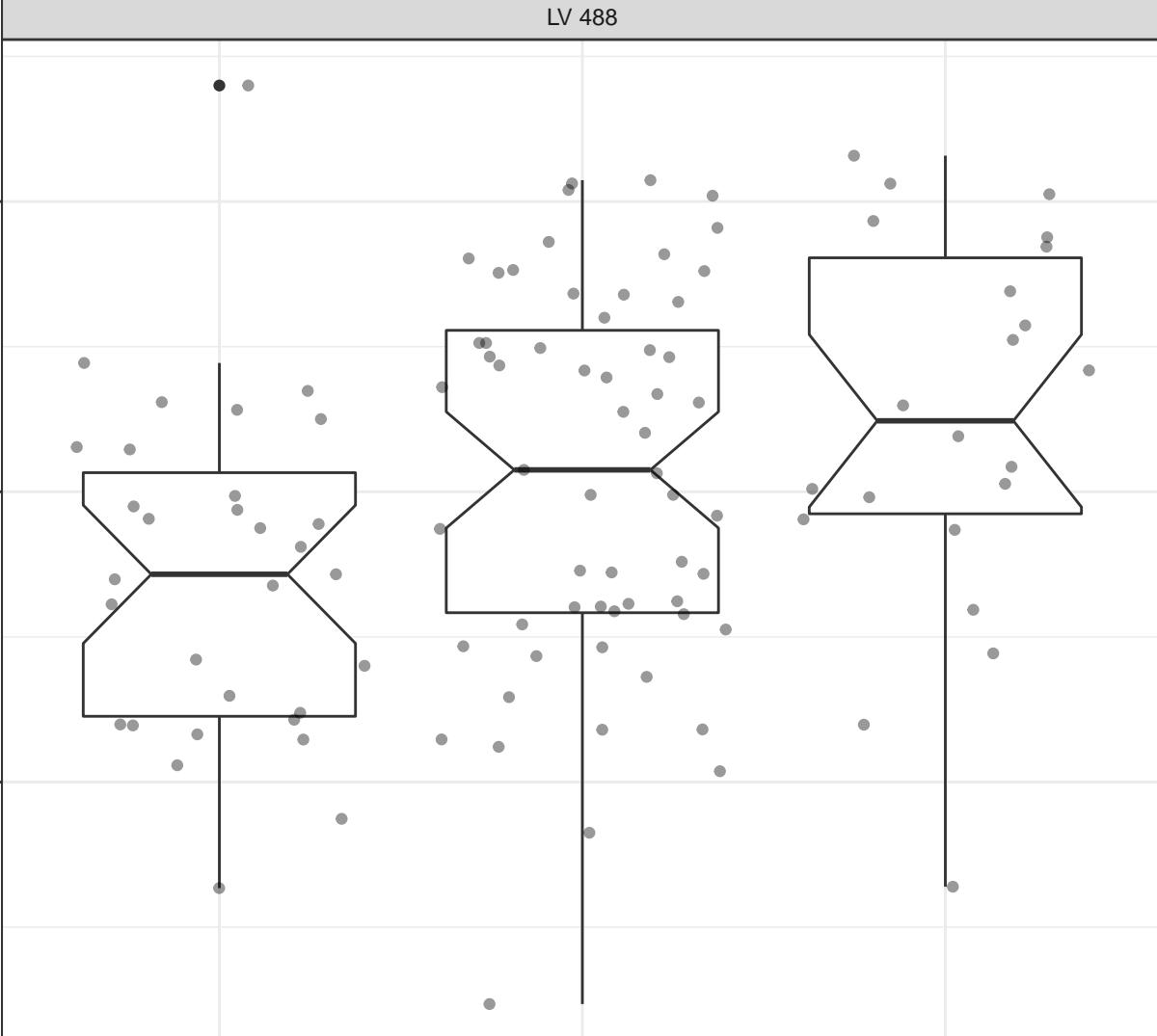
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 489

Value

0.03

0.00

-0.03

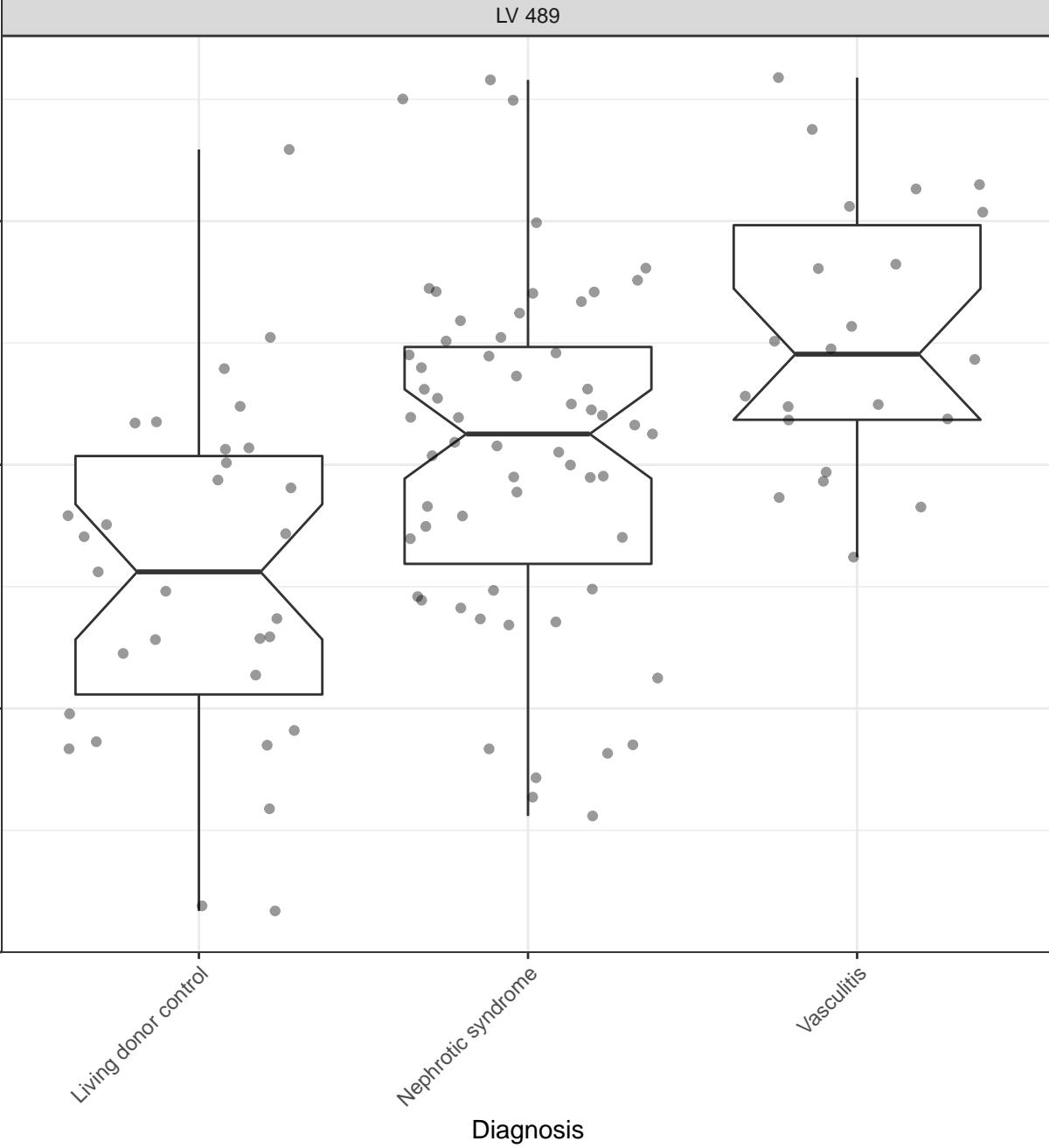
-0.06

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 490

Value

0.05

0.00

-0.05

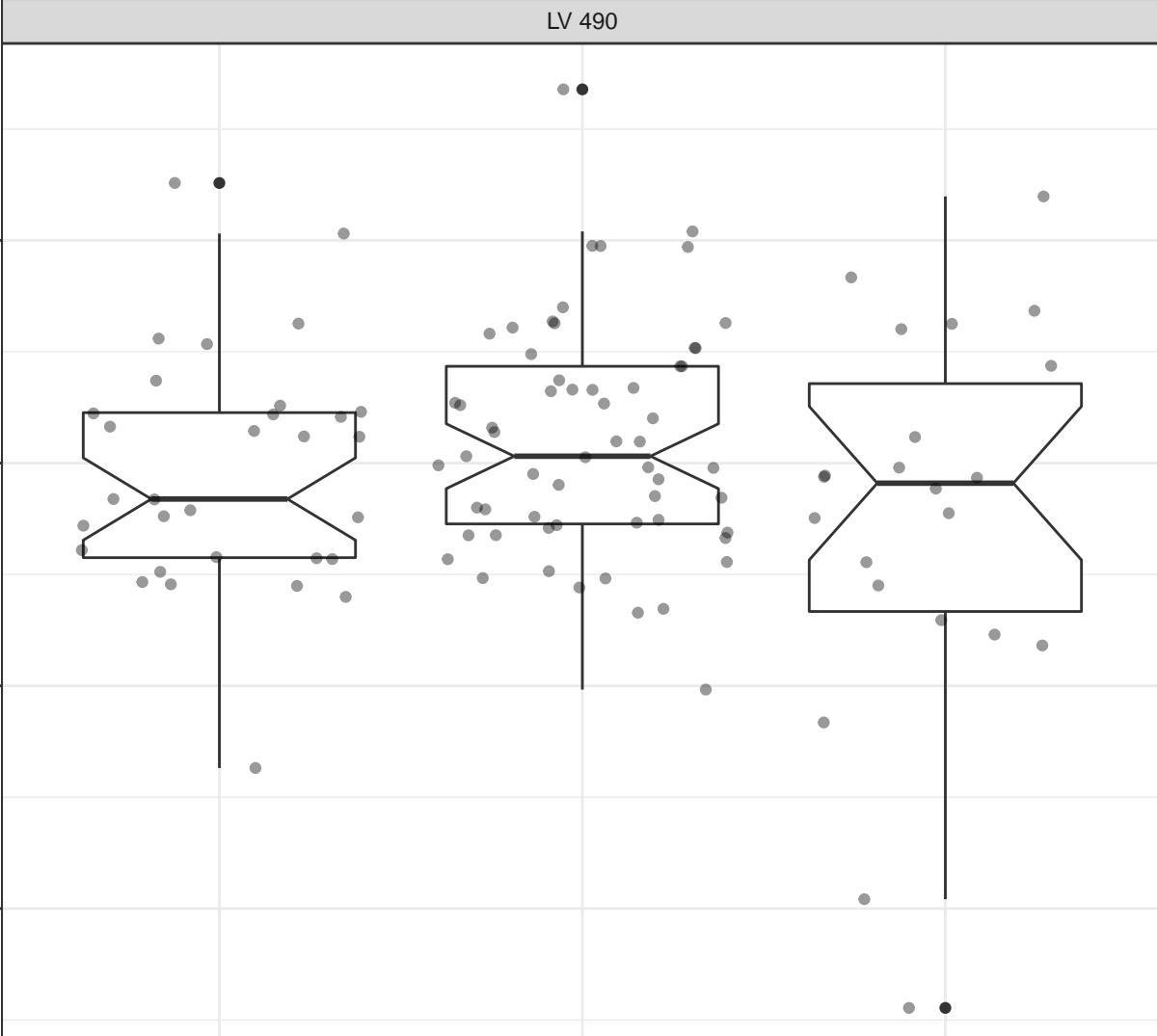
-0.10

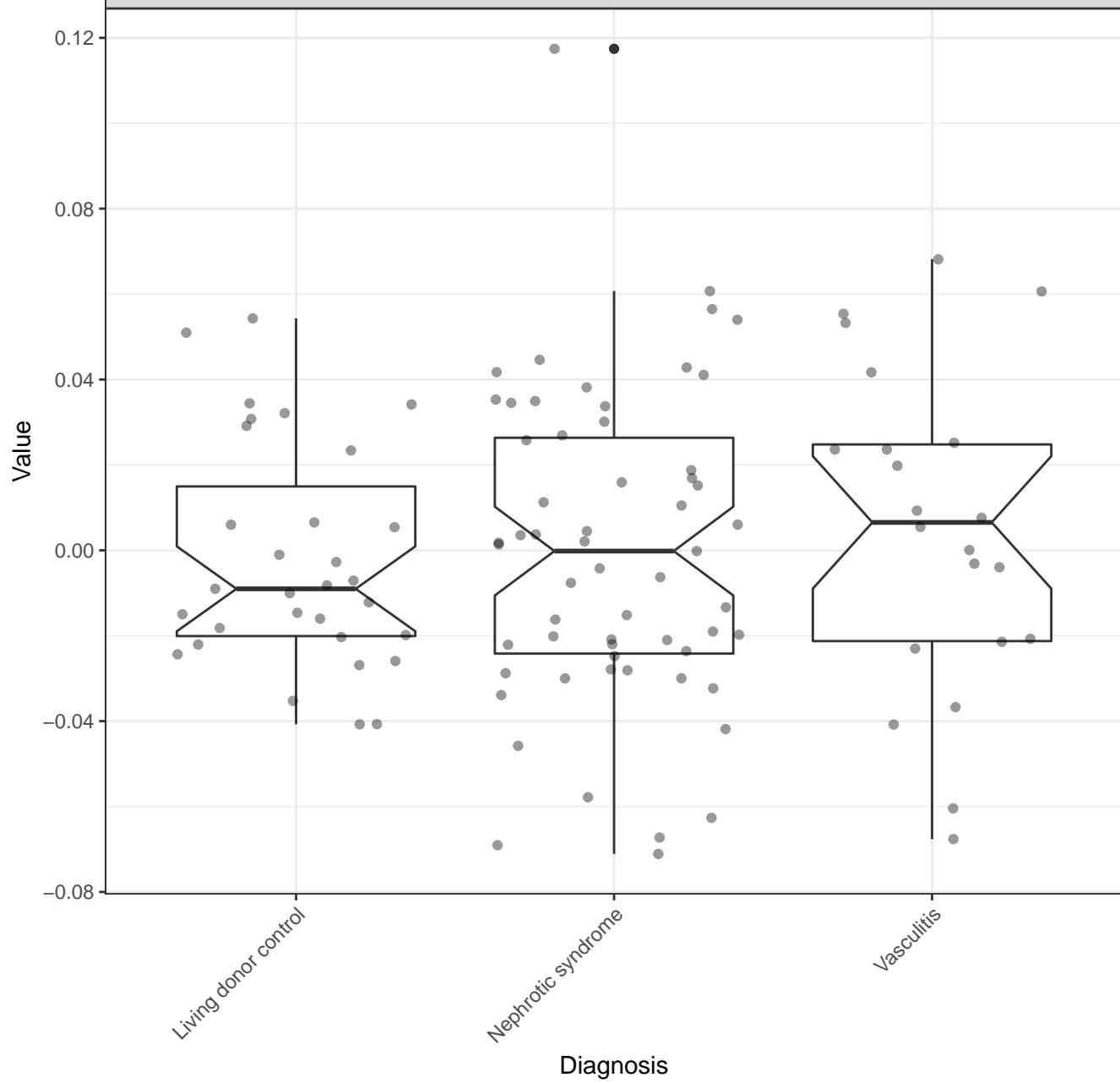
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 492

Value

0.05

0.00

-0.05

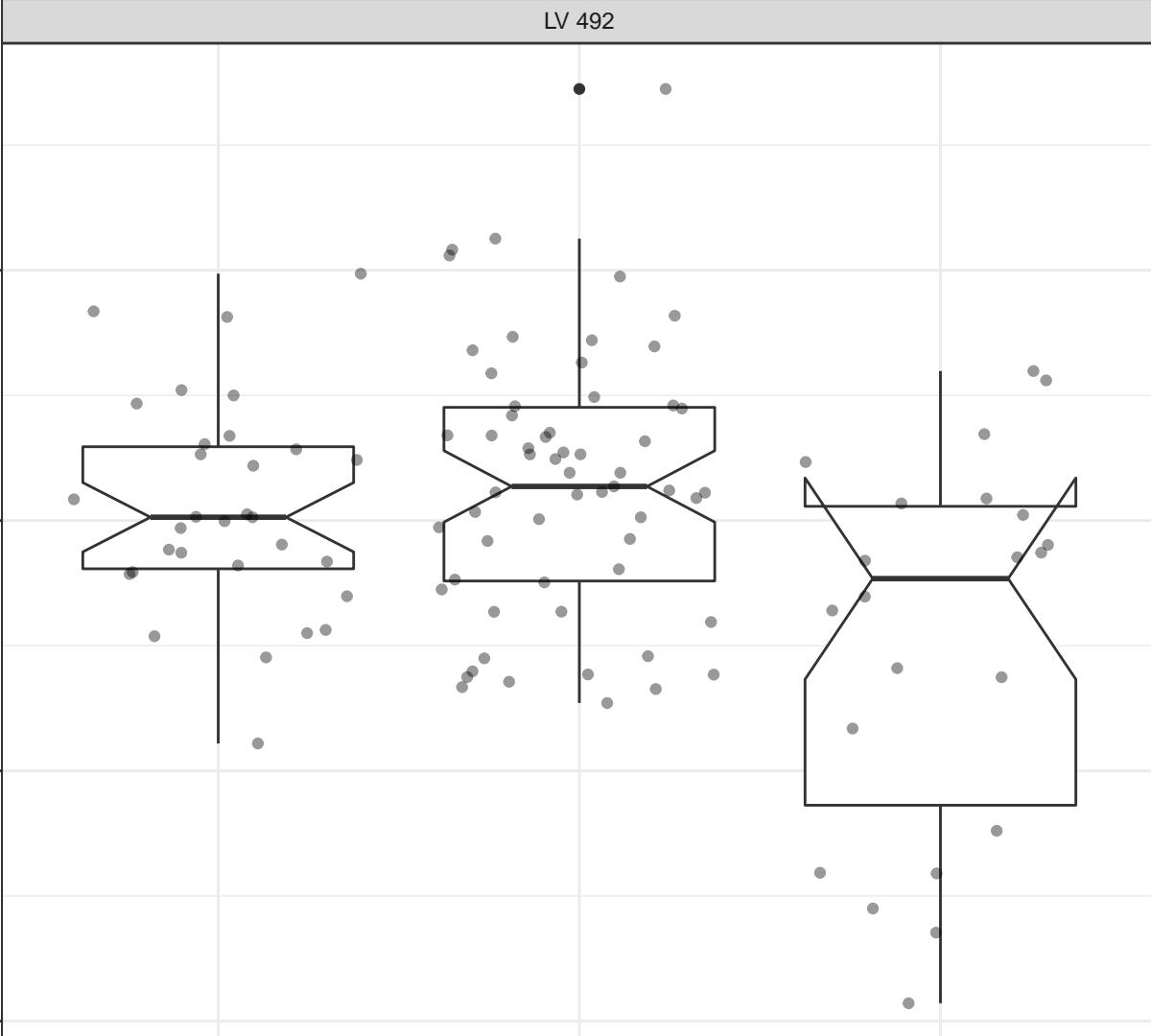
-0.10

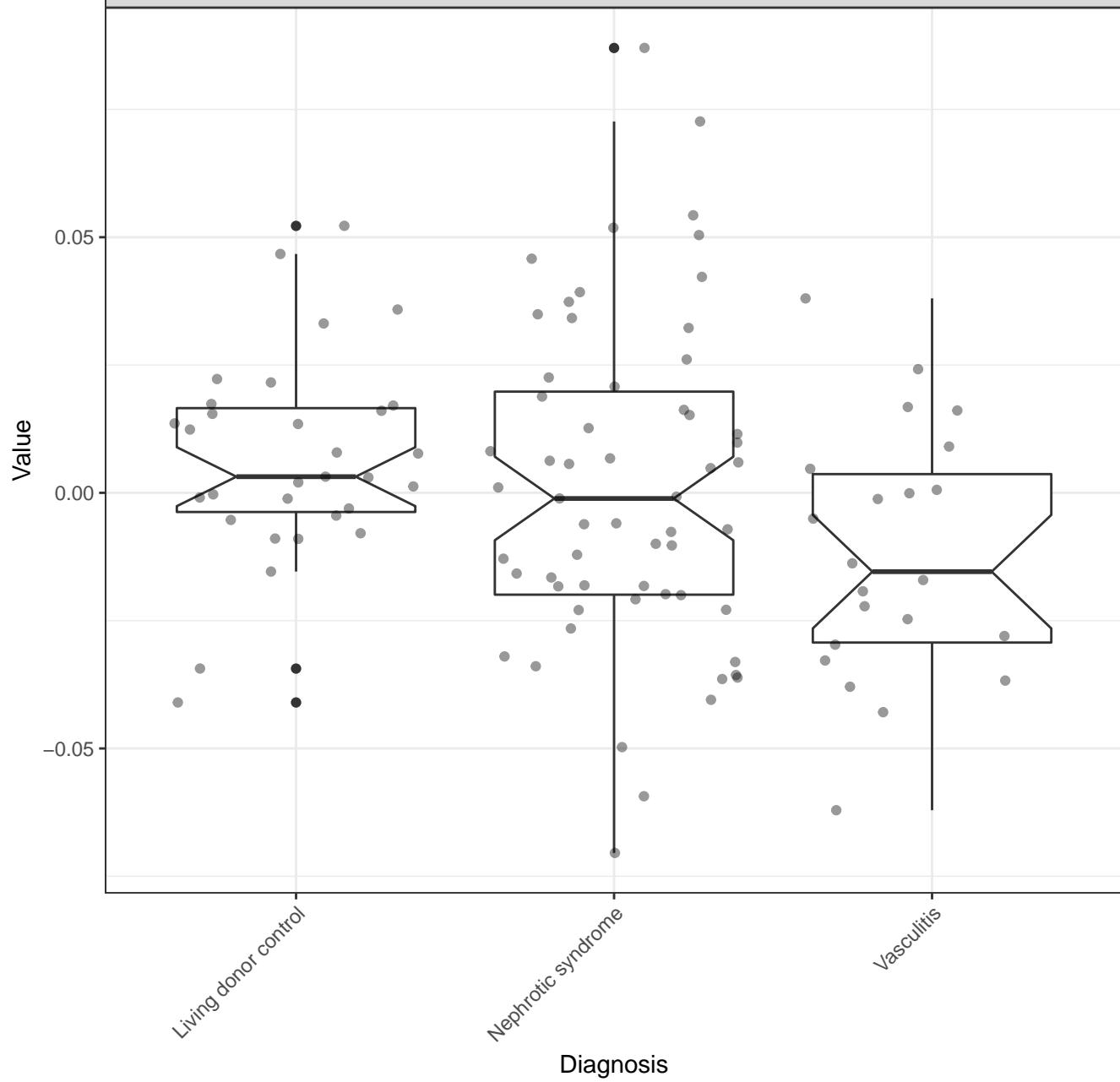
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 494

Value

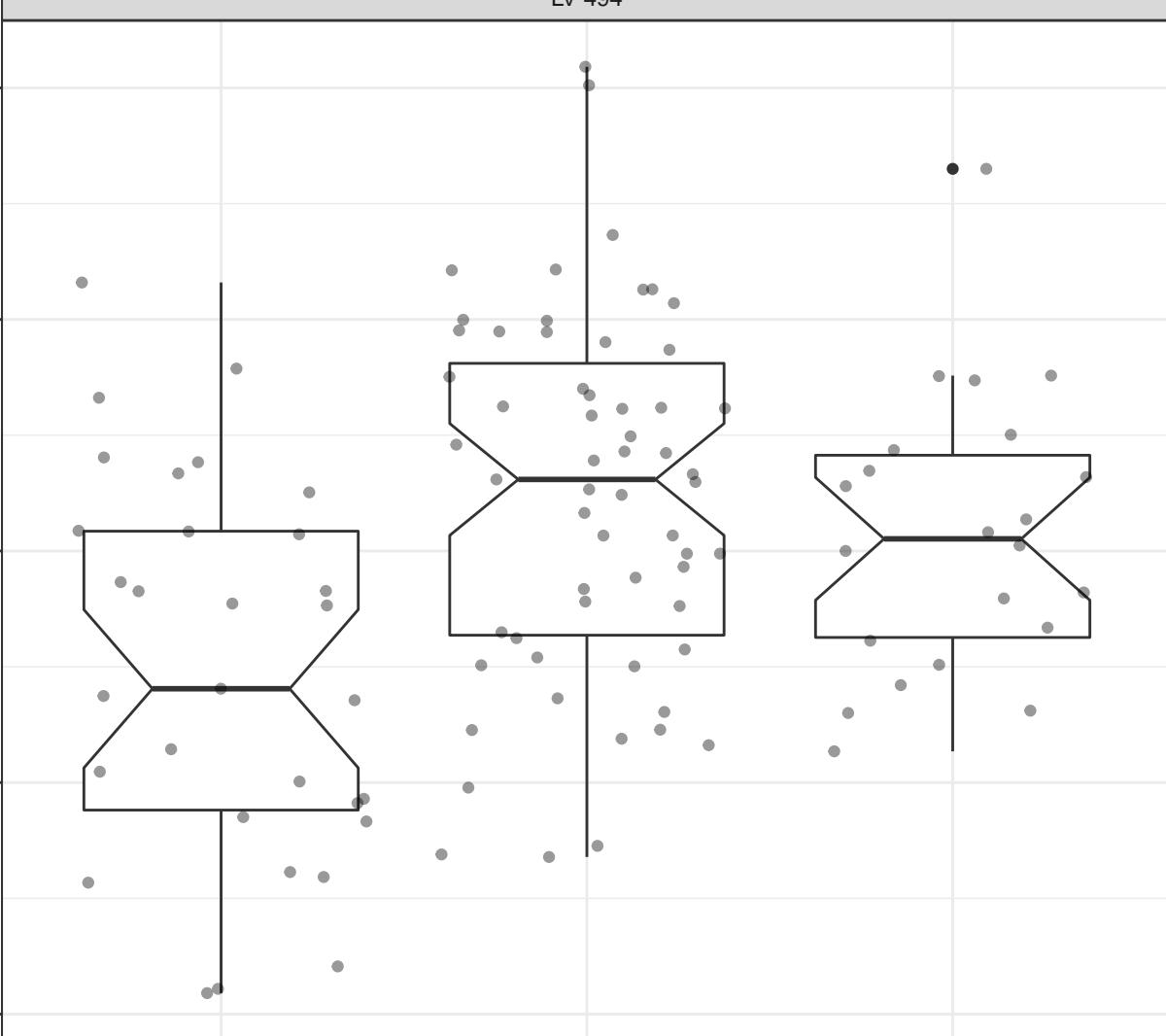
0.06  
0.03  
0.00  
-0.03  
-0.06

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

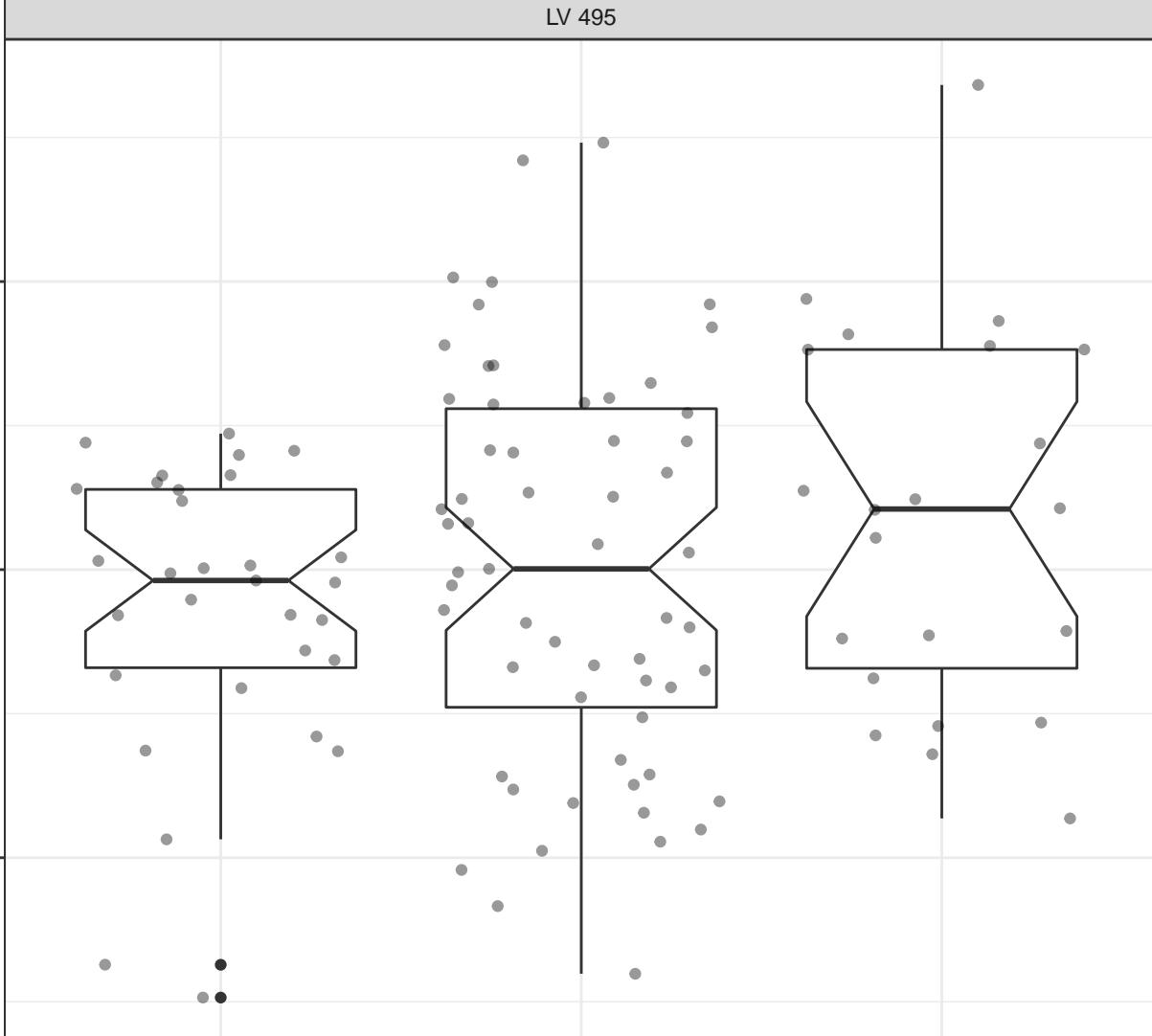
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 496

Value

0.05

0.00

-0.05

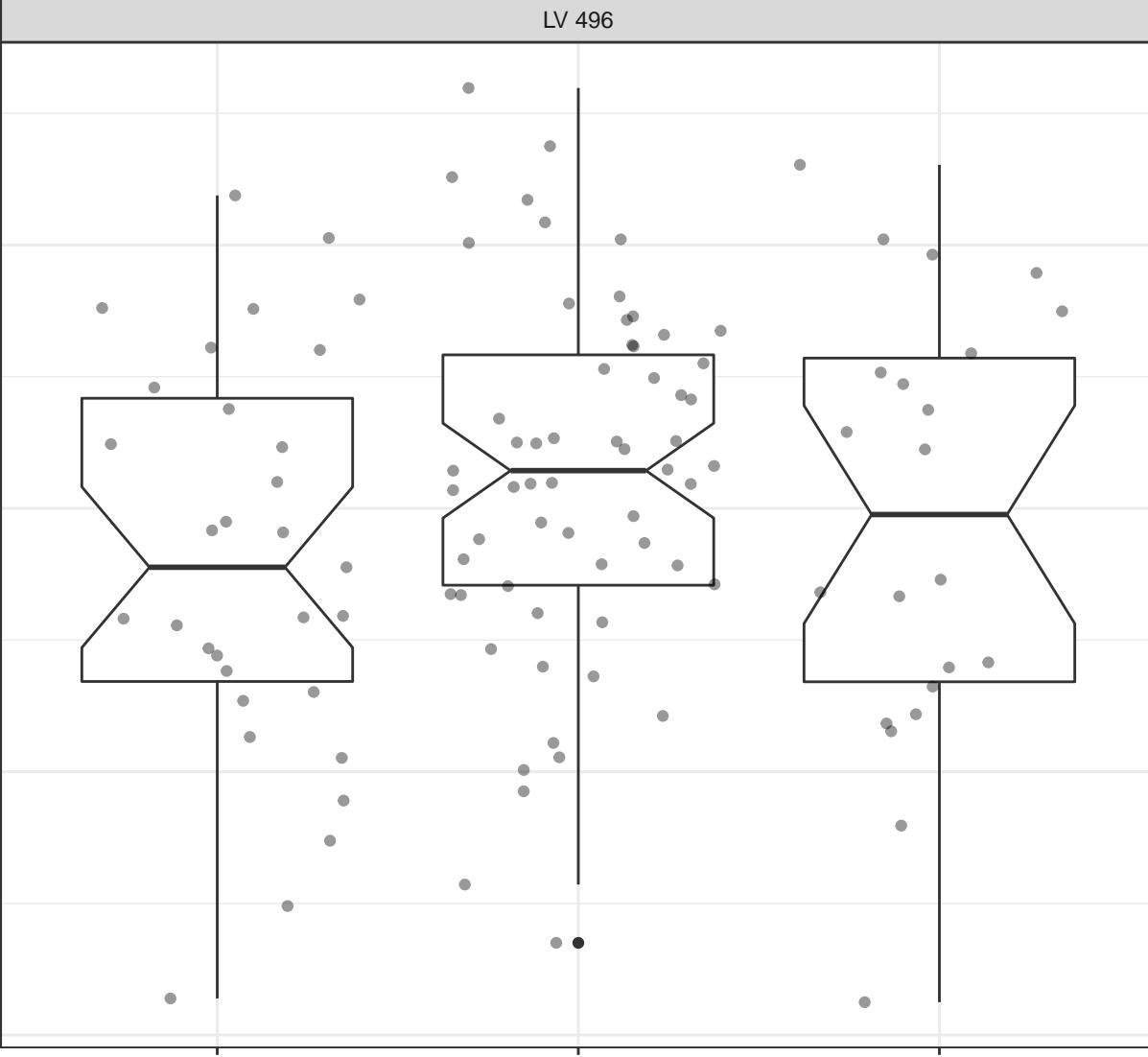
-0.10

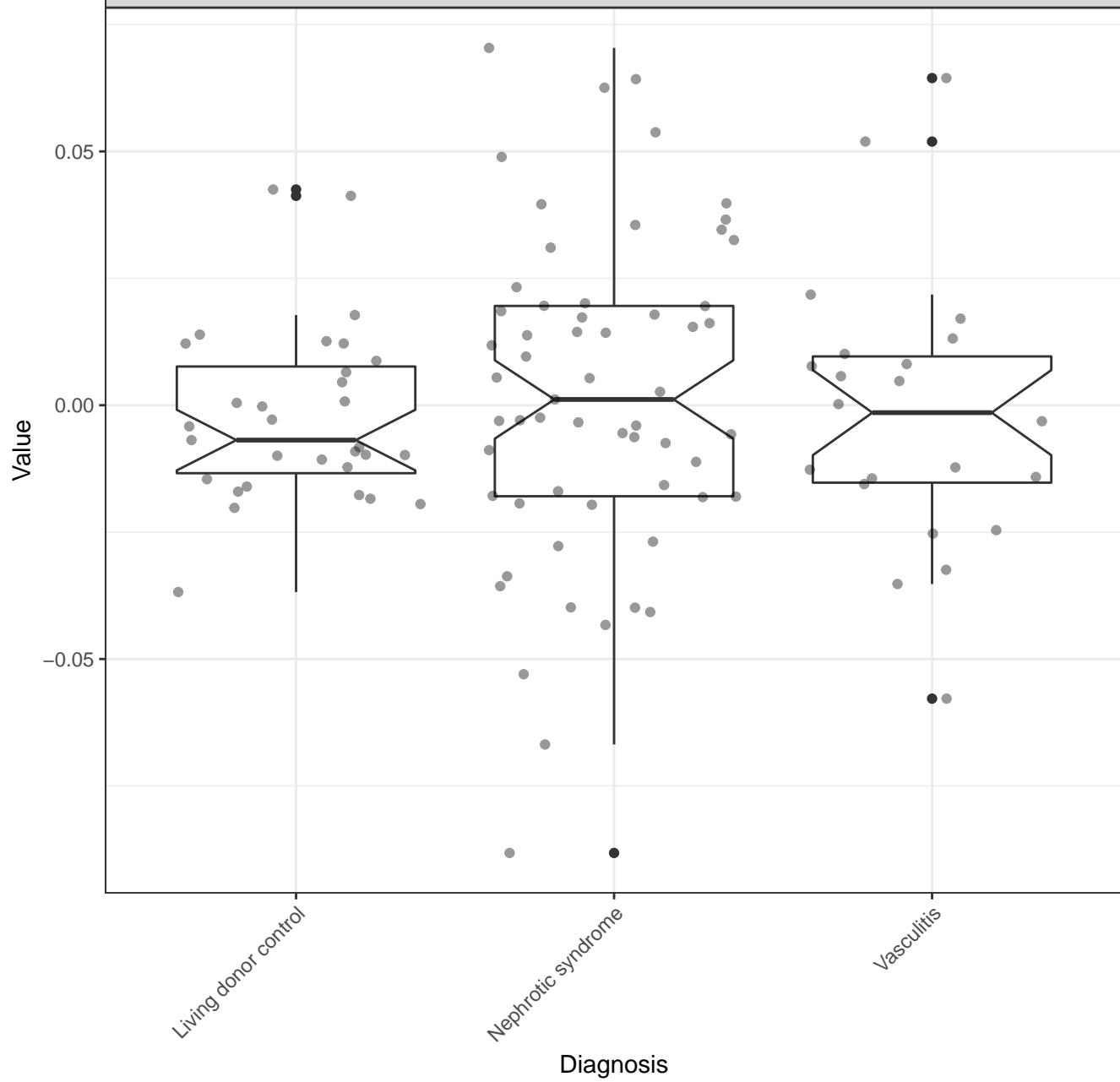
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 498

Value

0.050

0.025

0.000

-0.025

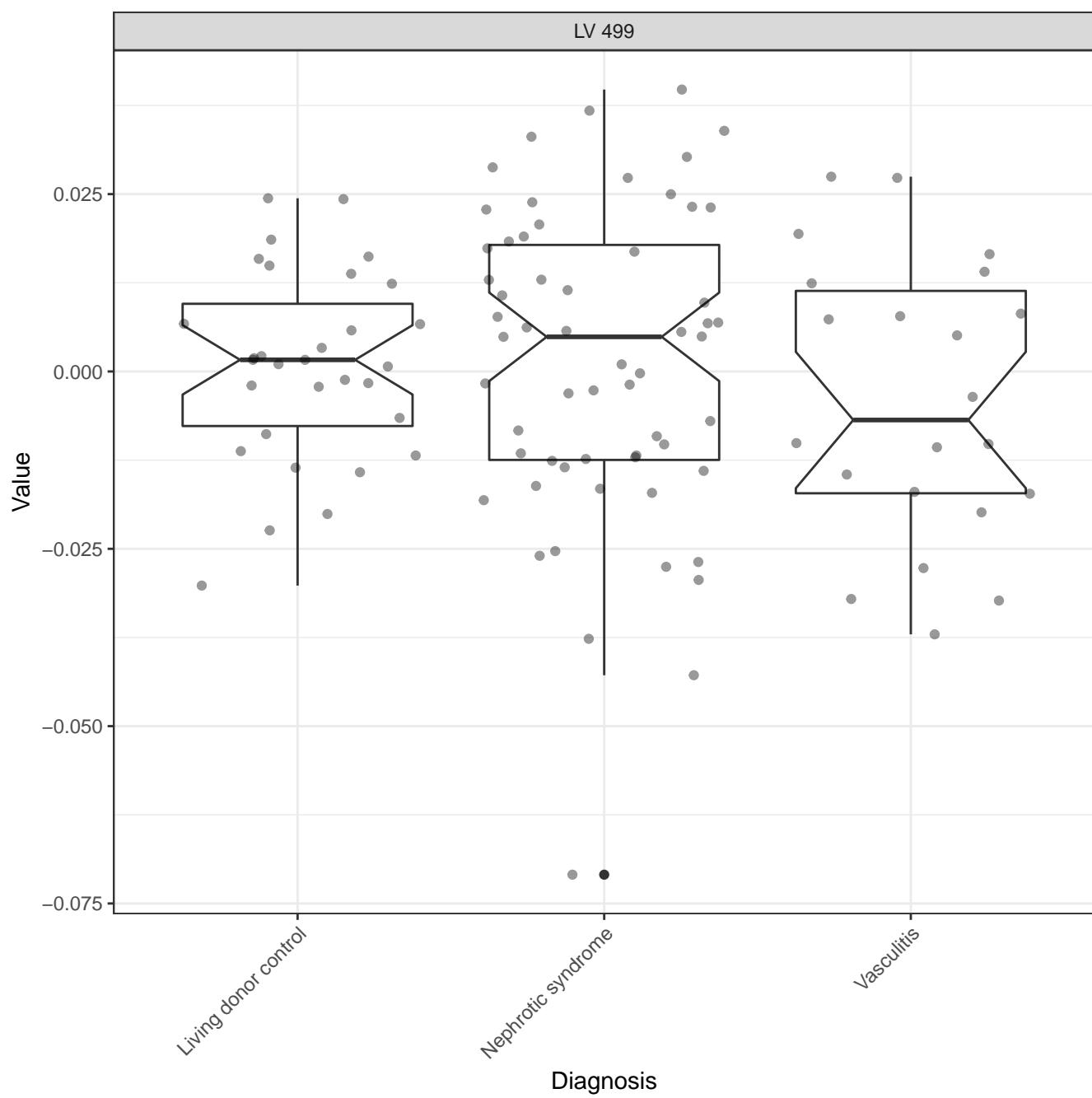
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 499



Value

0.05

0.00

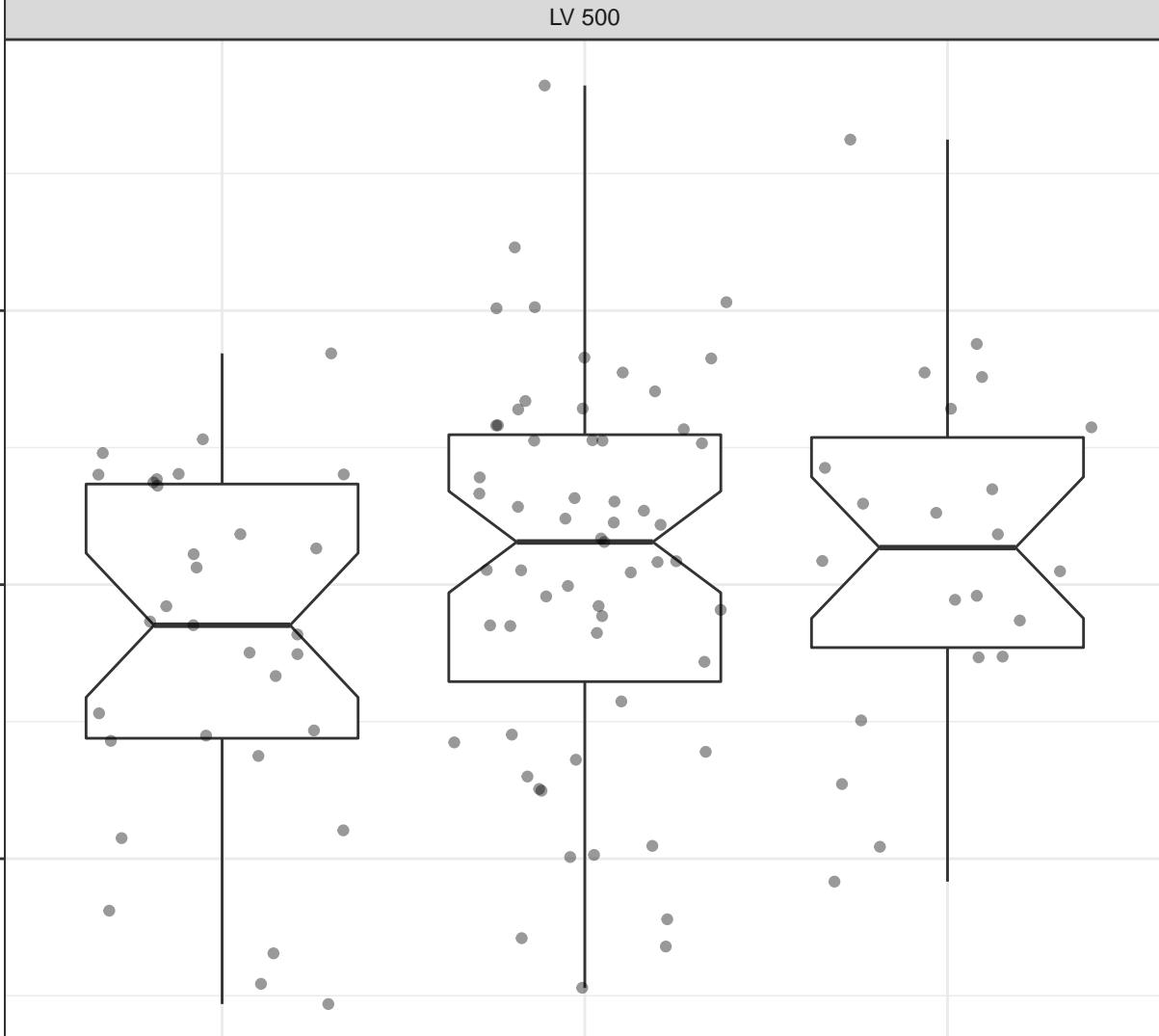
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



### 501,SVM NK cells activated

Value

0.10

0.05

0.00

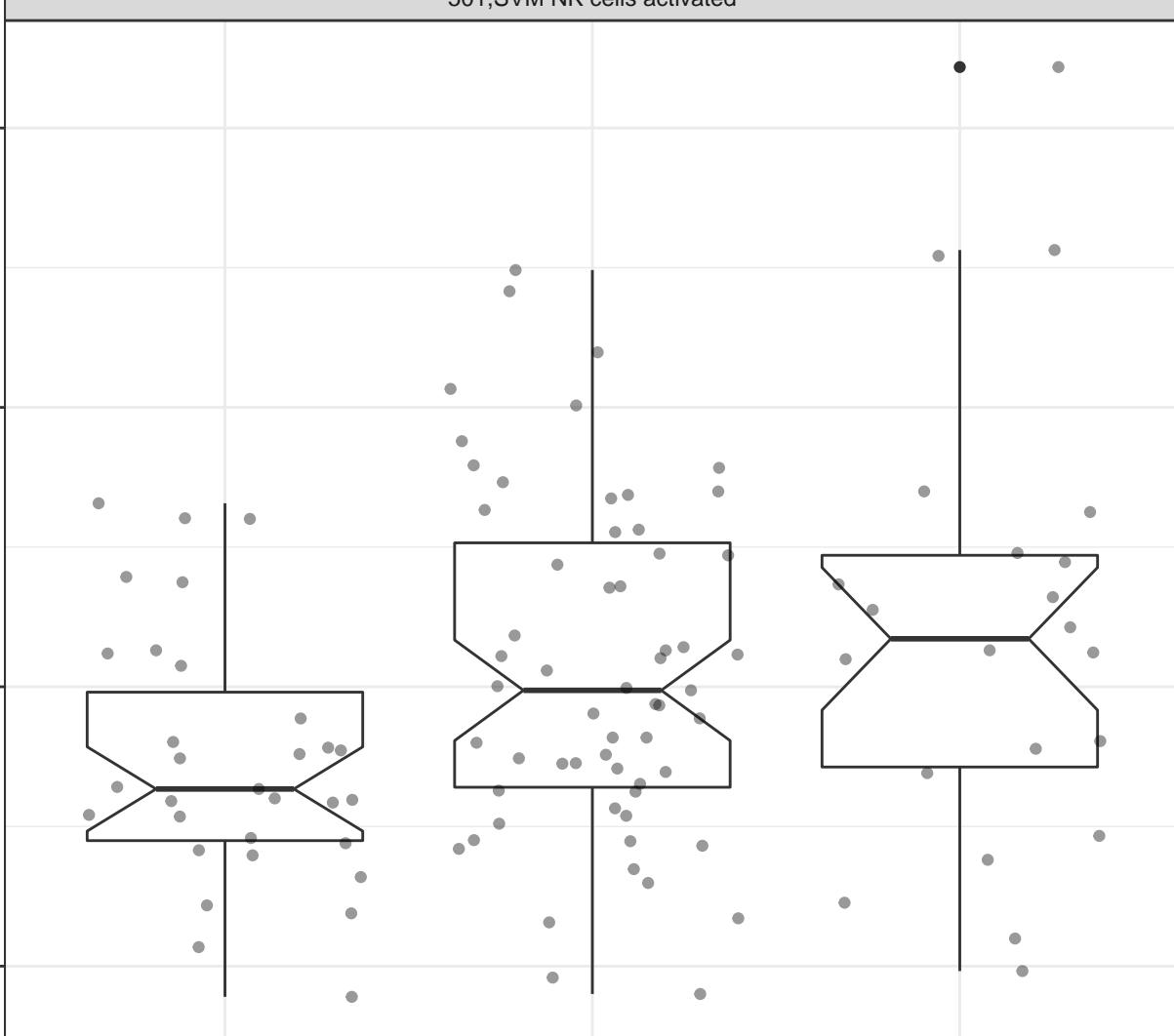
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## LV 502

Value

0.05

0.01

-0.05

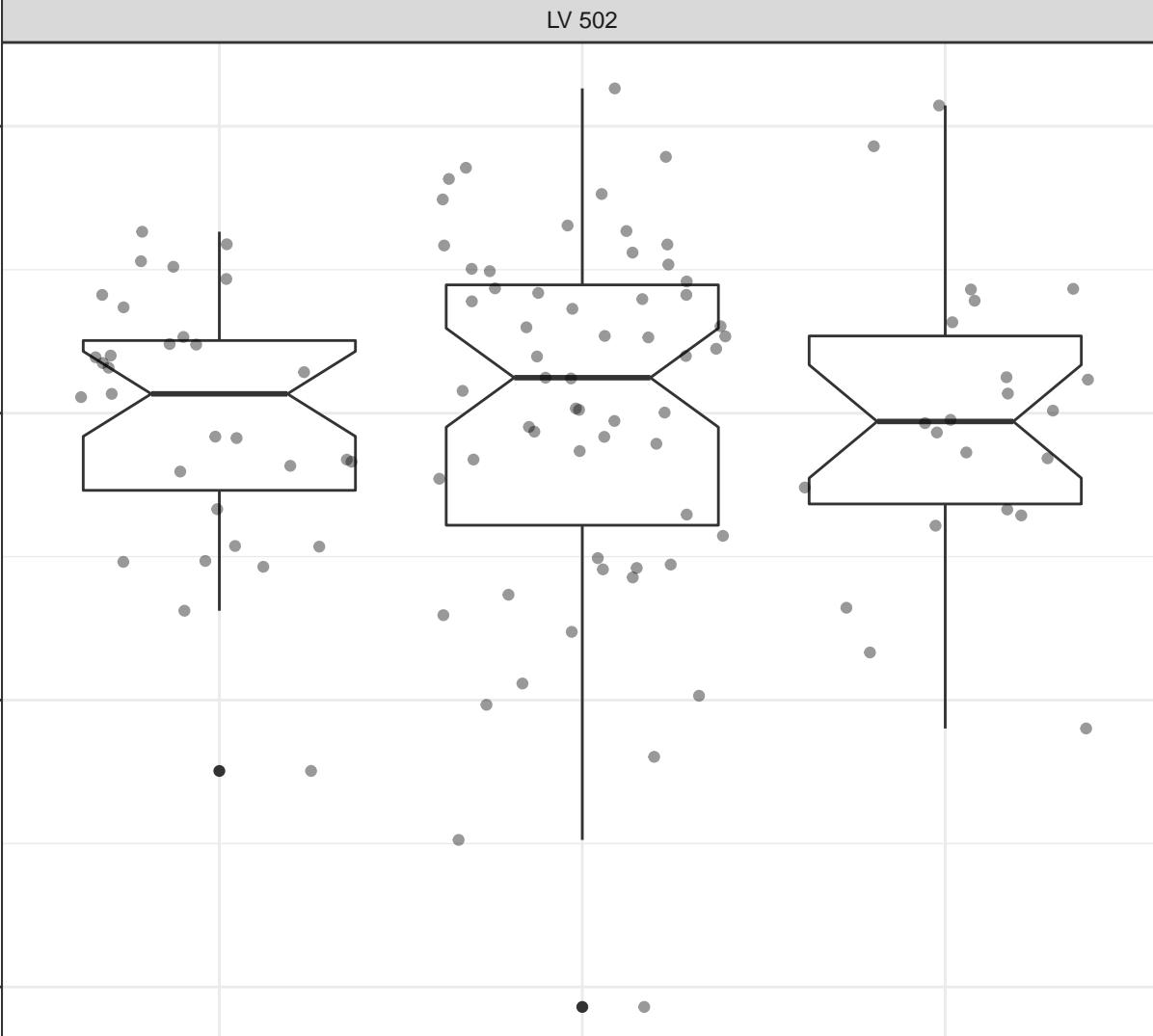
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.01

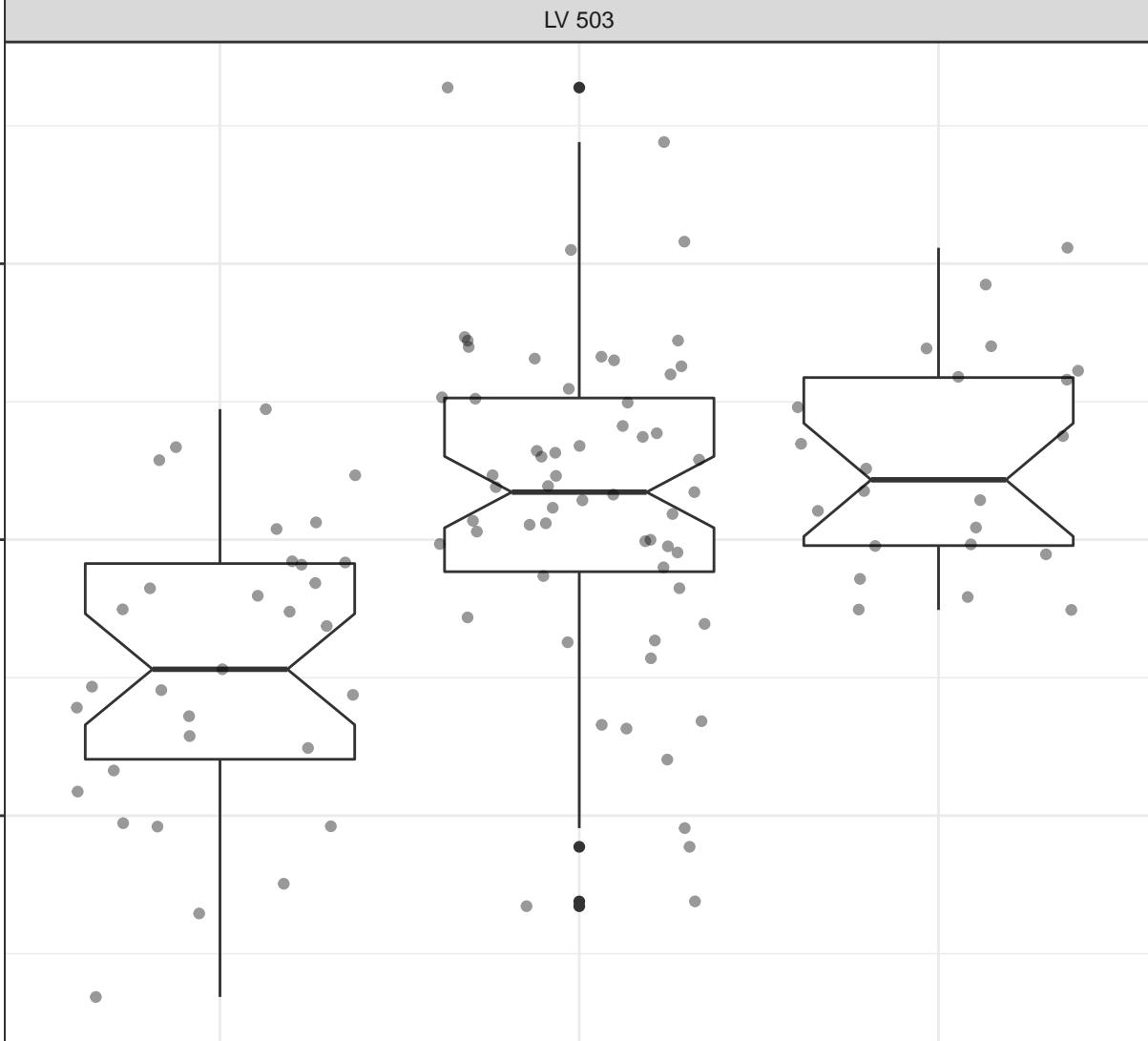
-0.05

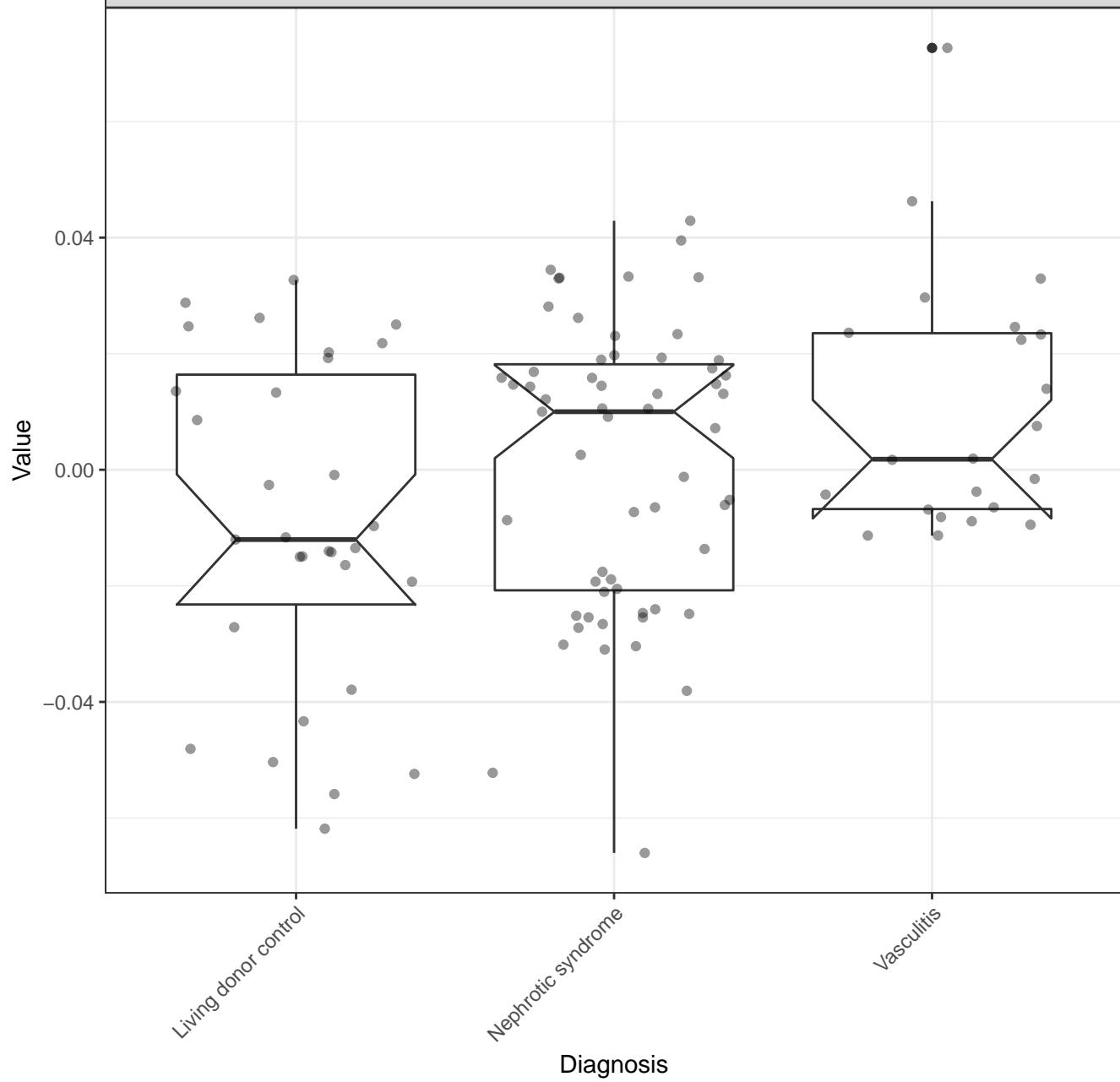
Living donor control

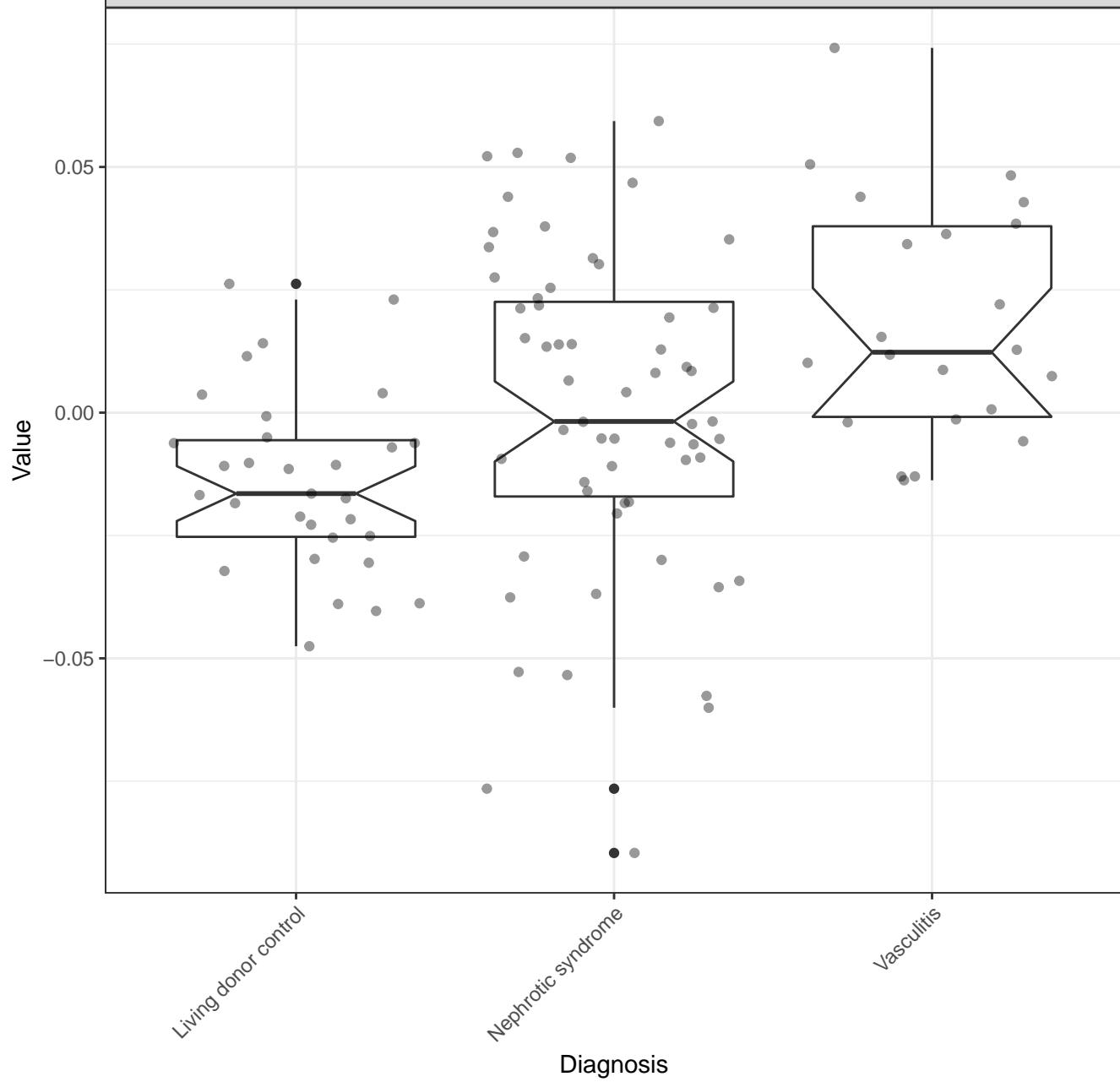
Nephrotic syndrome

Vasculitis

Diagnosis







LV 506

Value

0.05

0.00

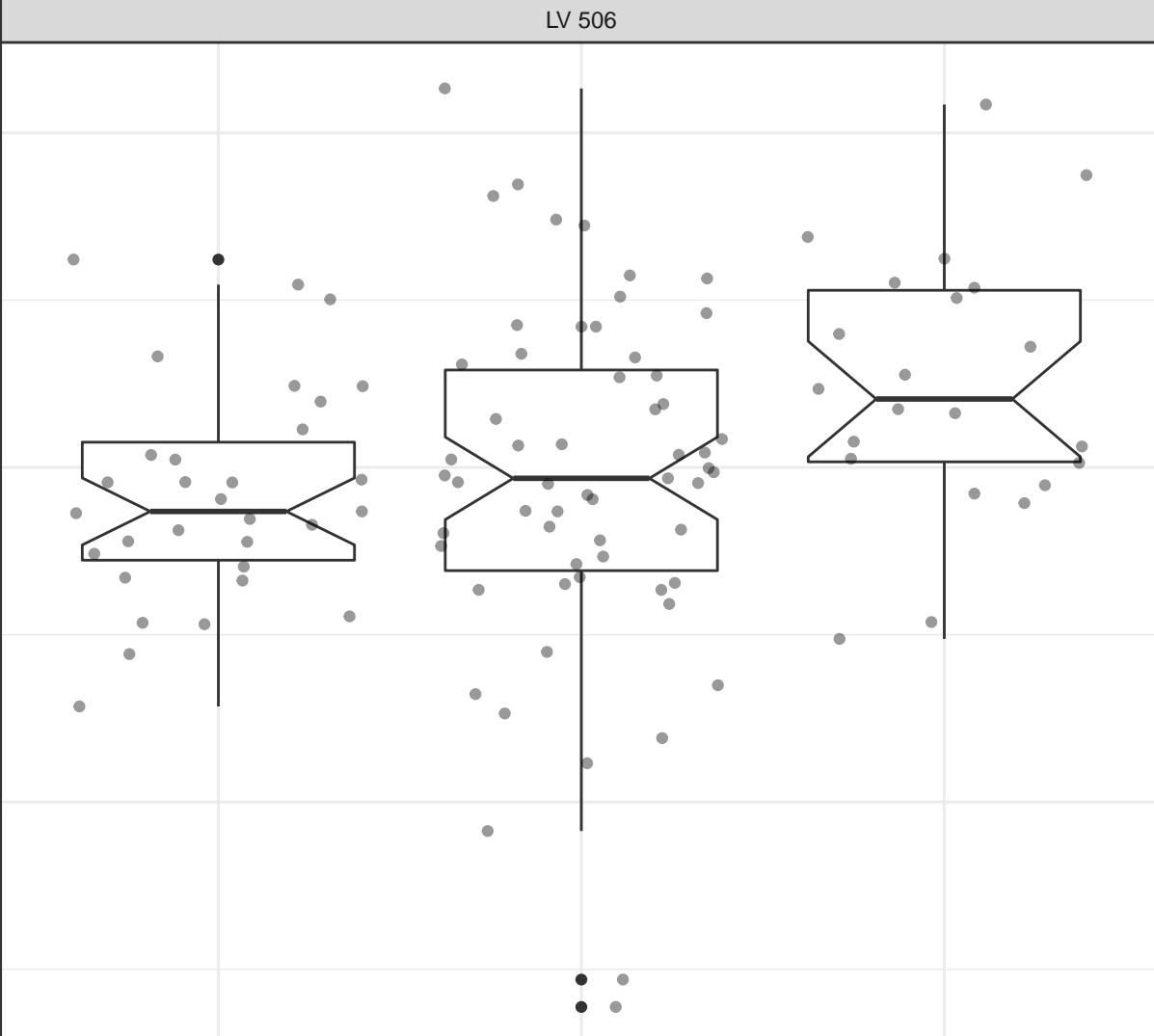
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

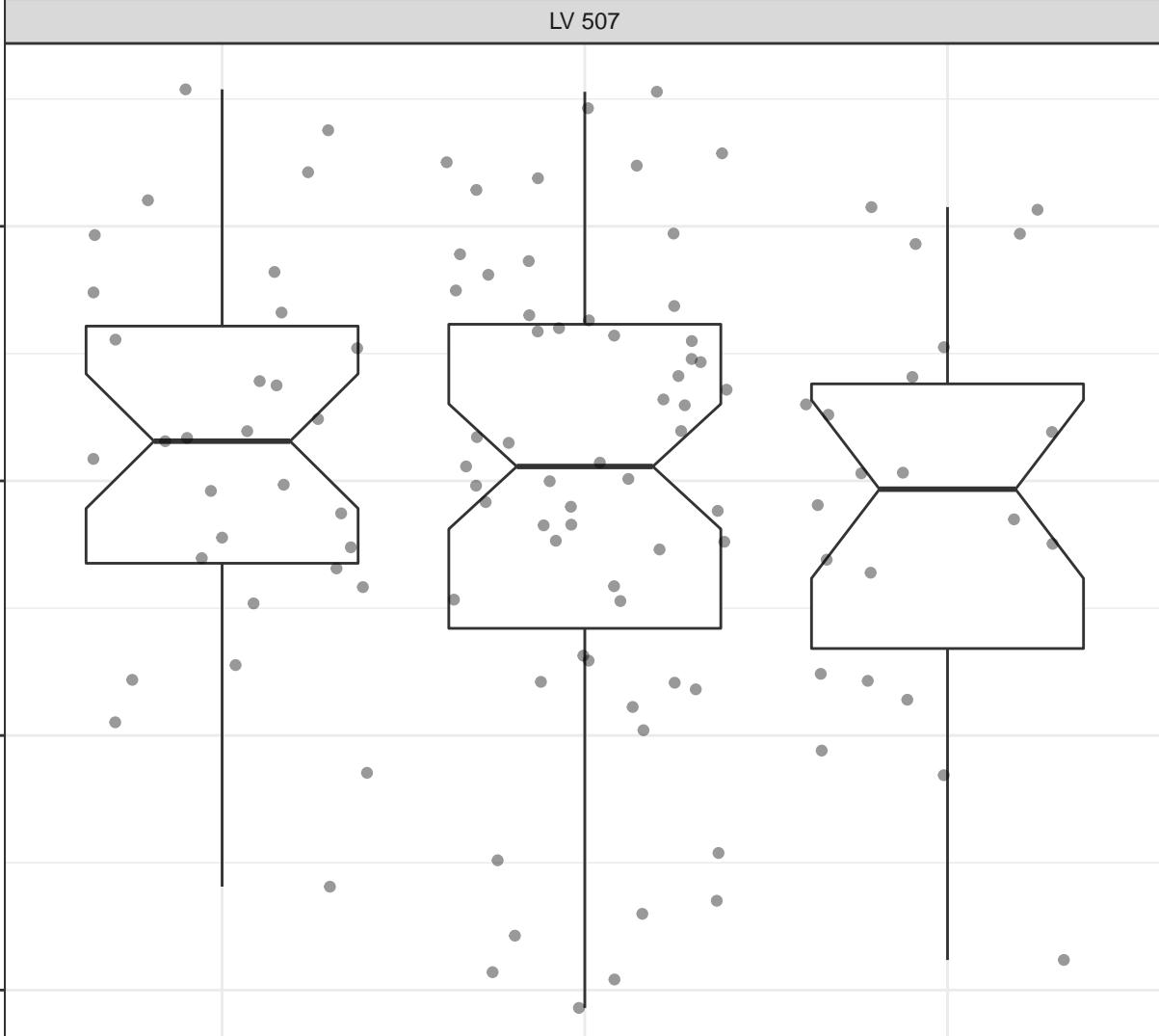
-0.10

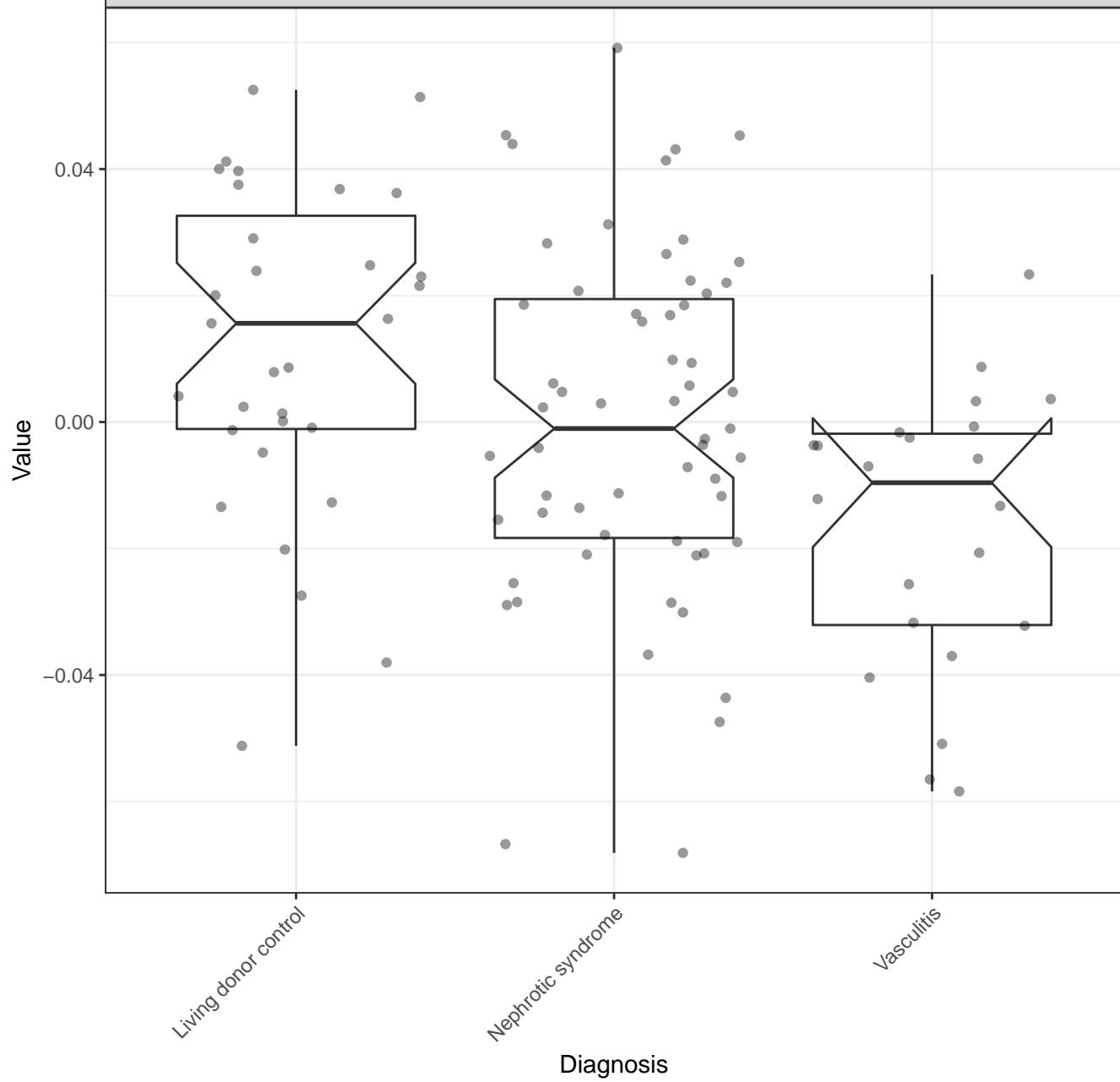
Living donor control

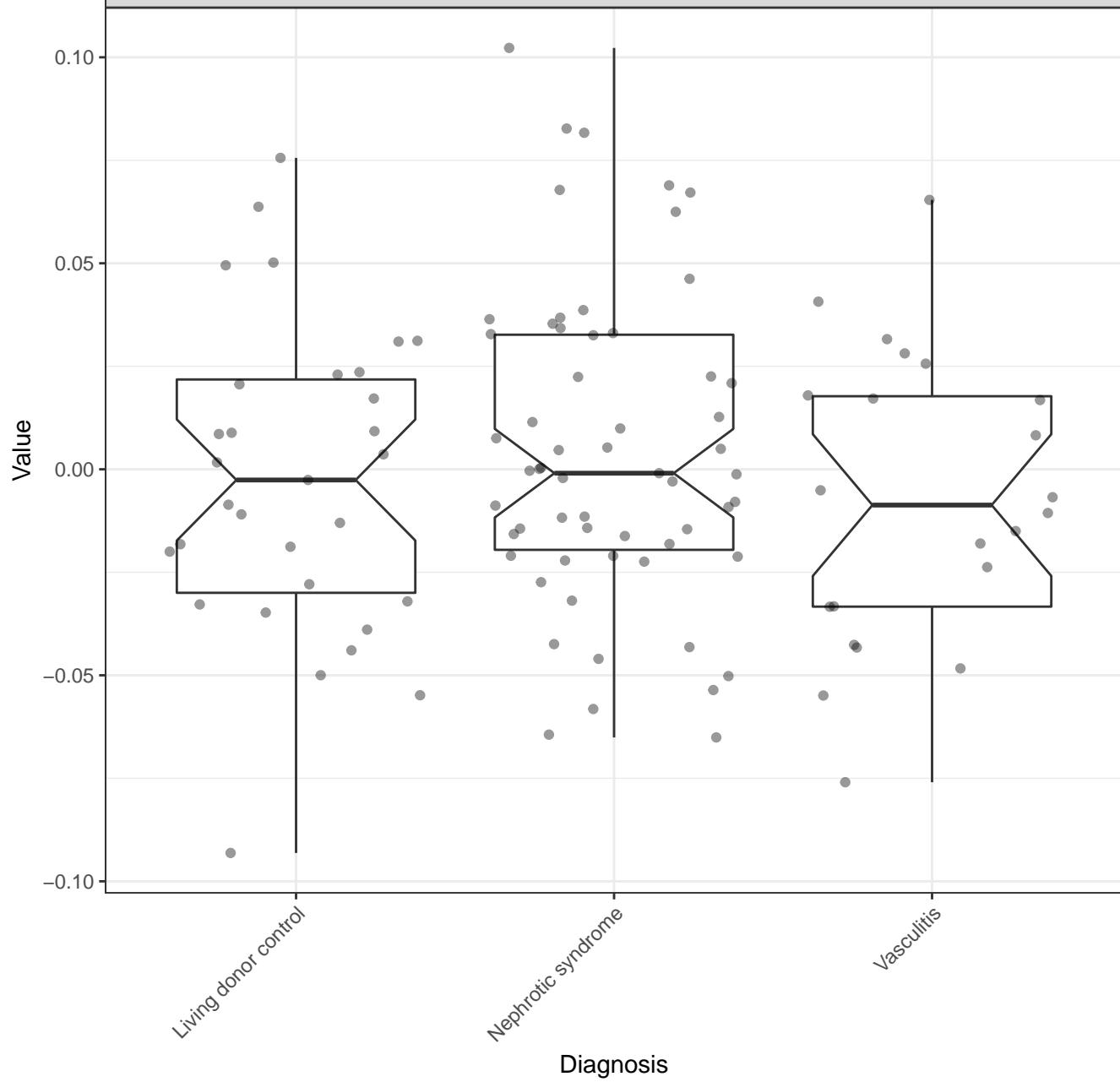
Nephrotic syndrome

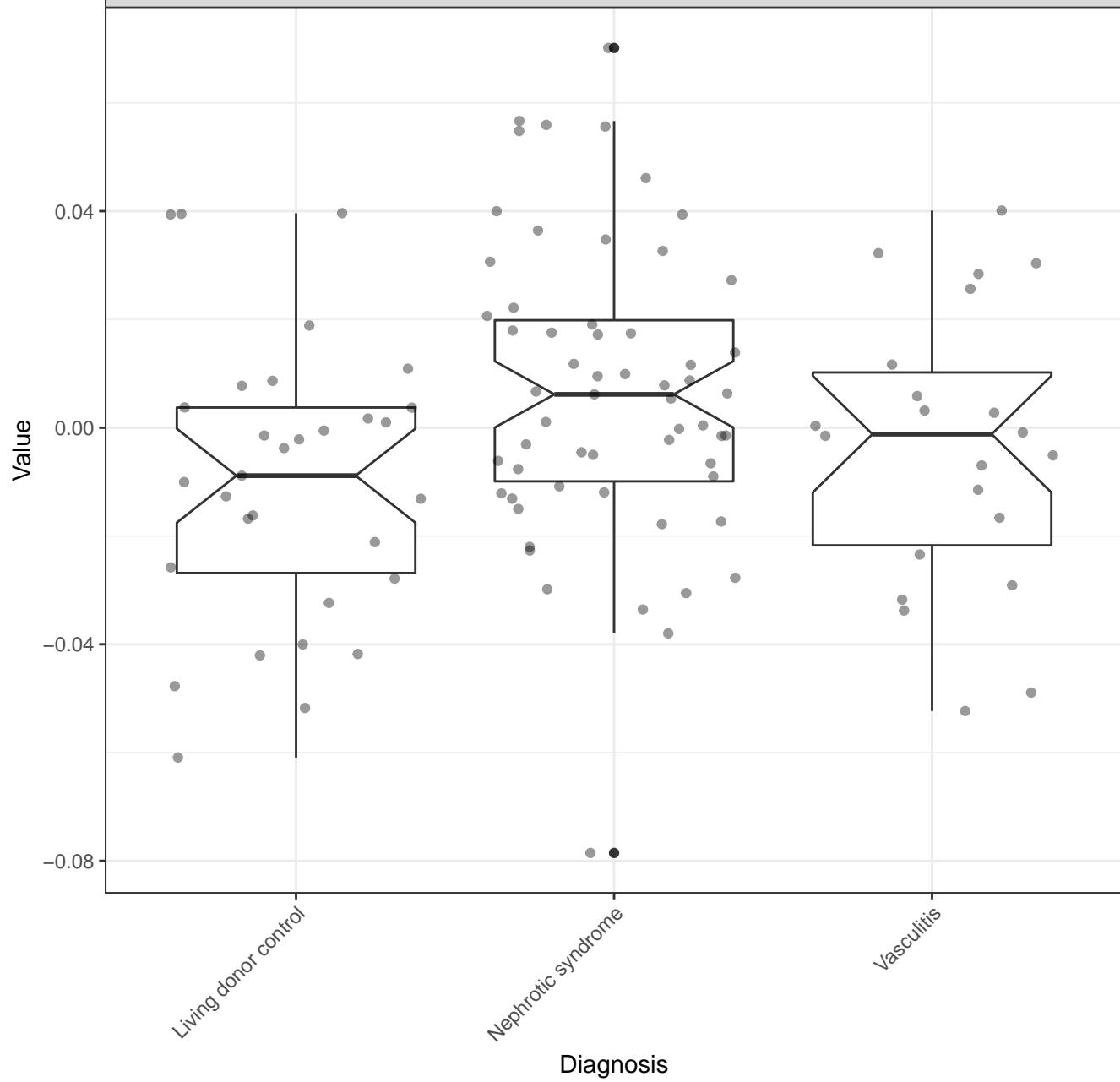
Vasculitis

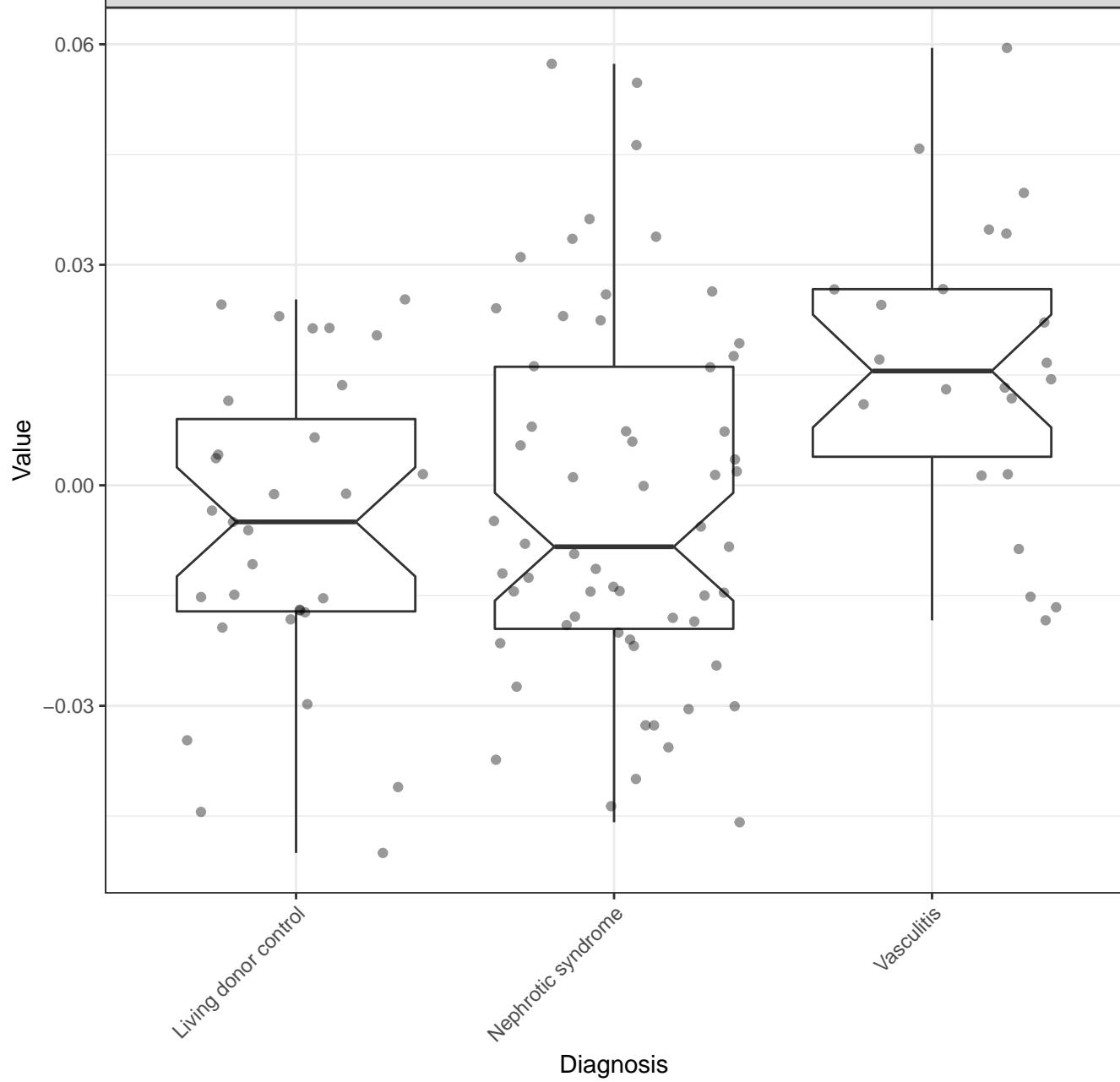
Diagnosis



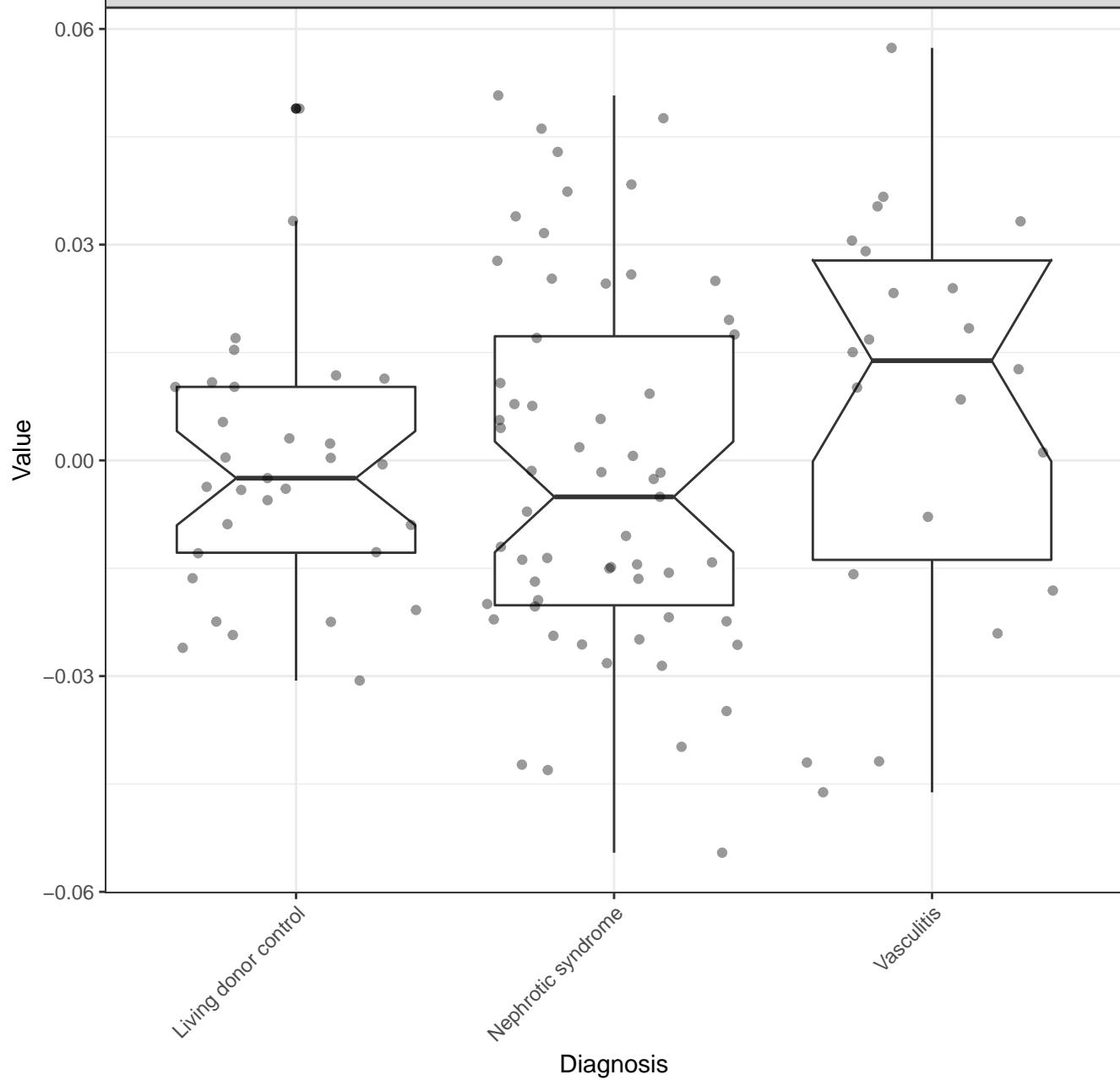


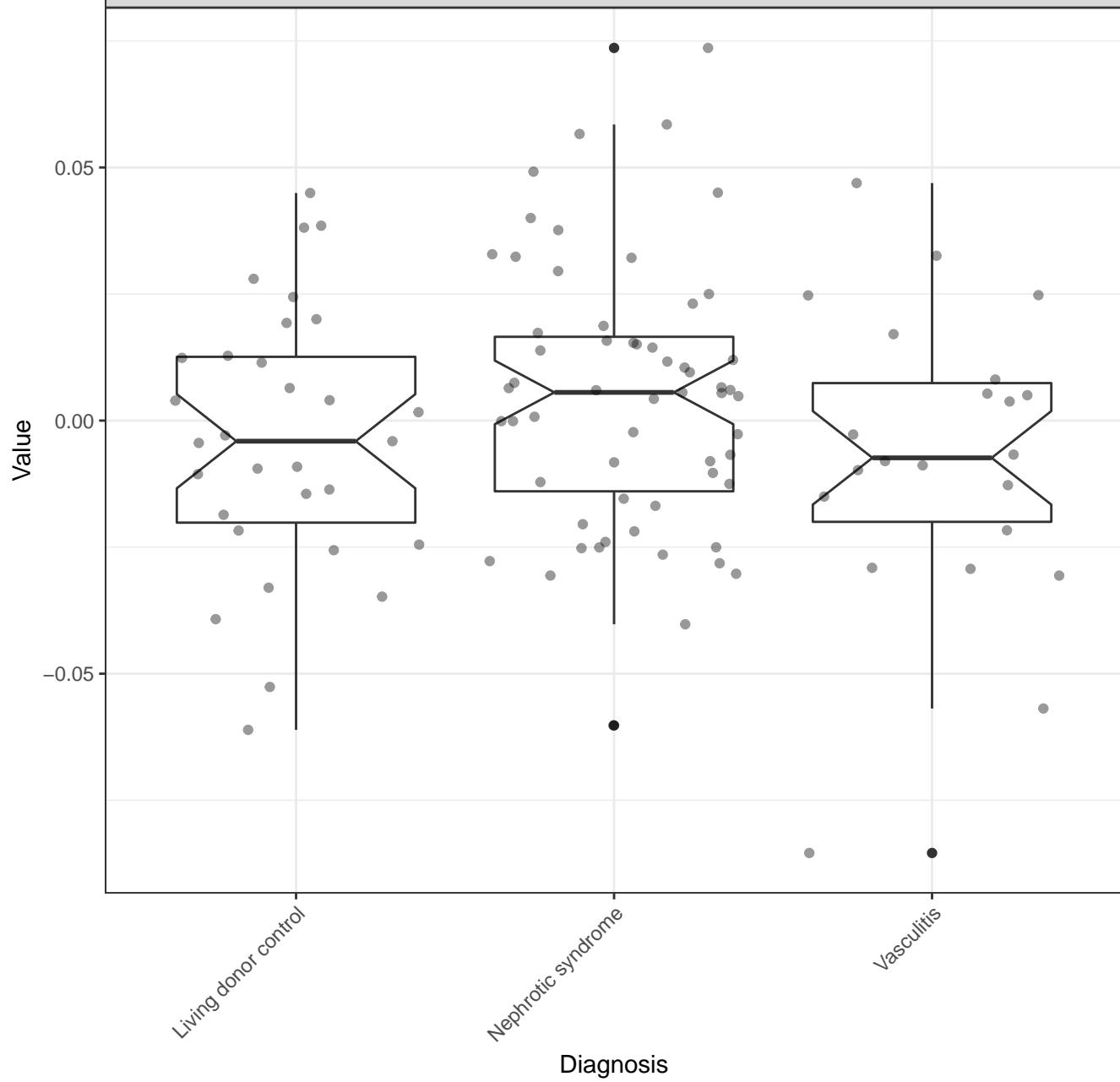


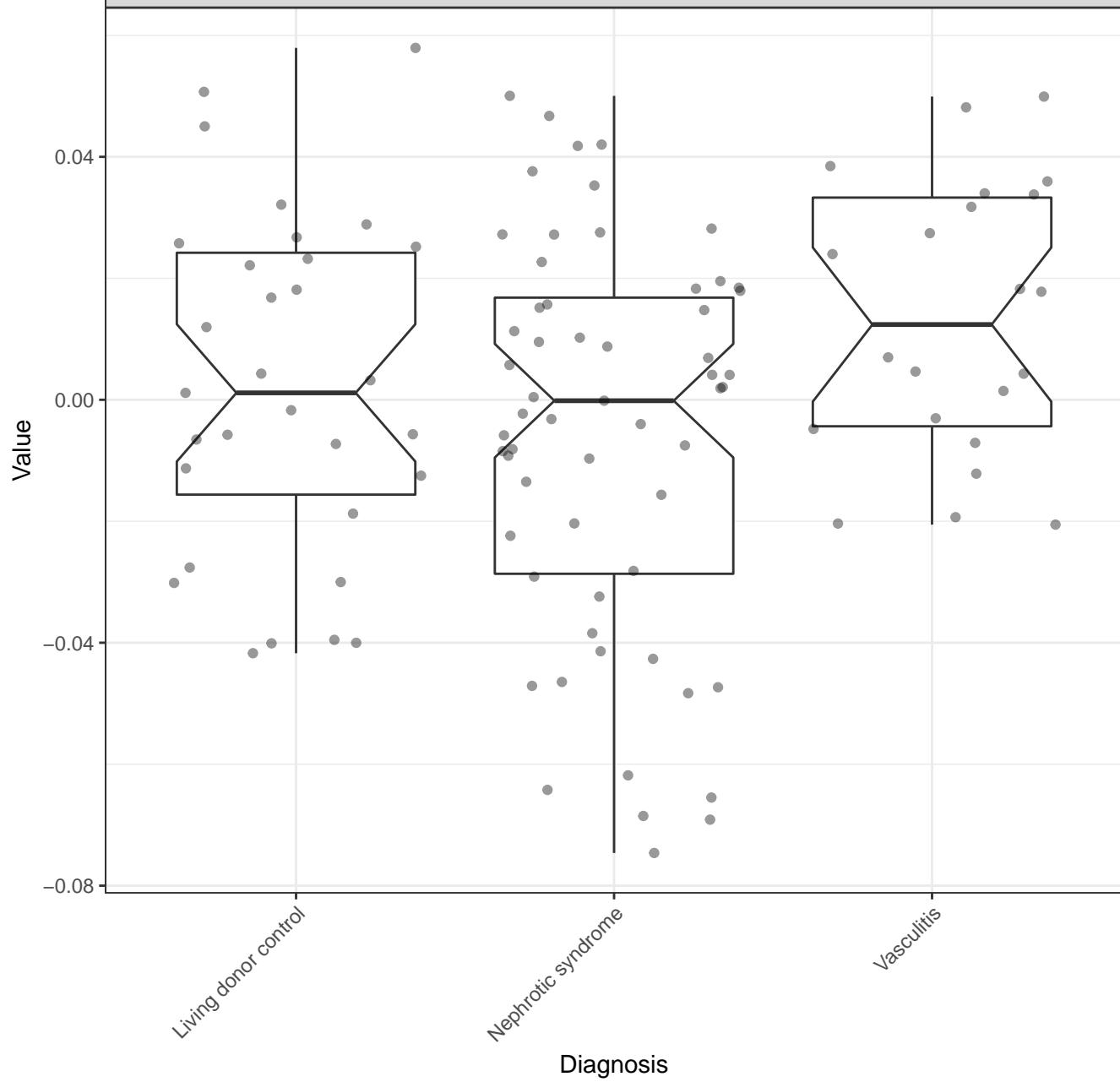




LV 512







LV 515

Value

0.05

0.00

-0.05

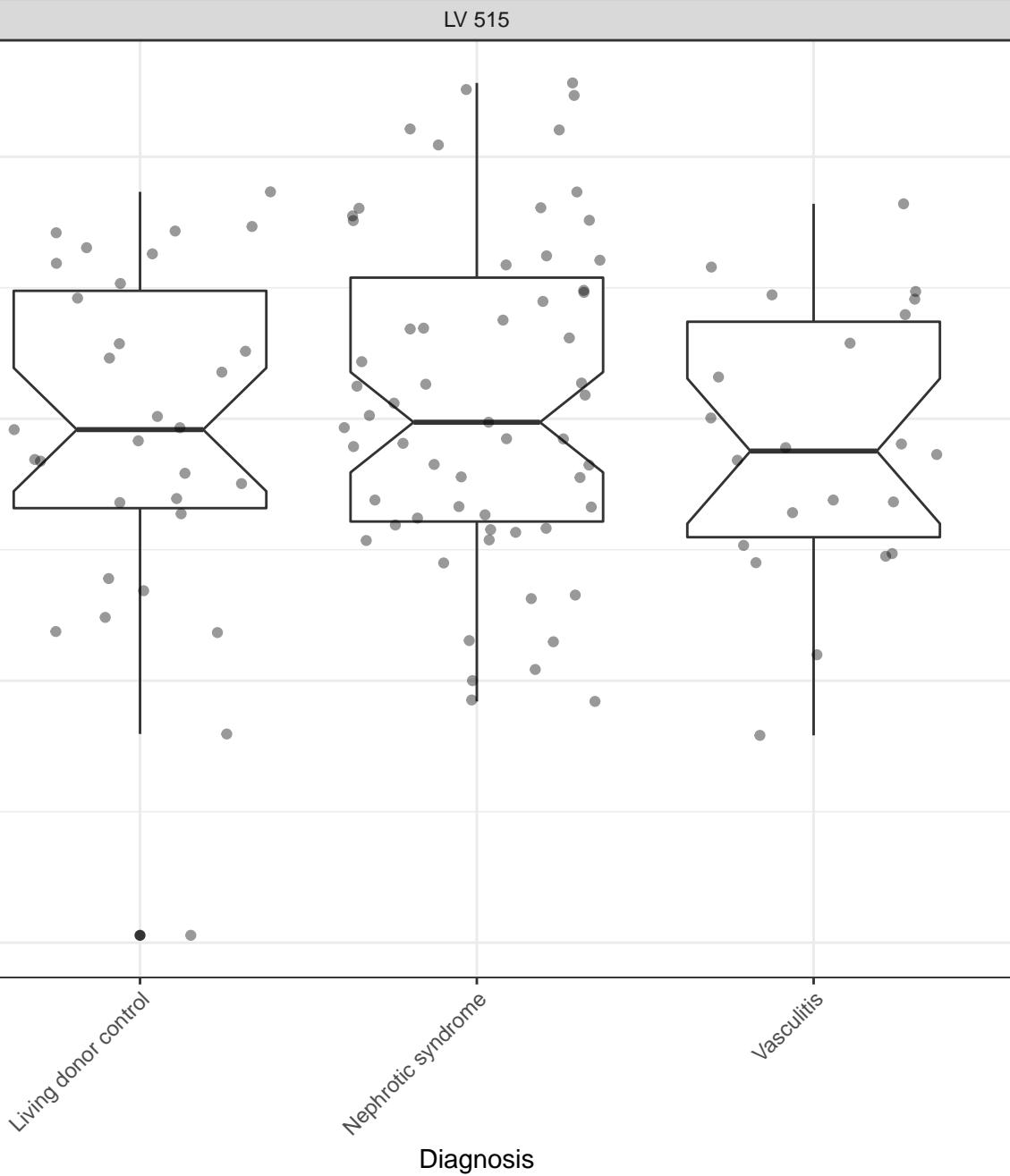
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 516,PID\_TCR\_PATHWAY

Value

0.2

0.1

0.0

-0.1

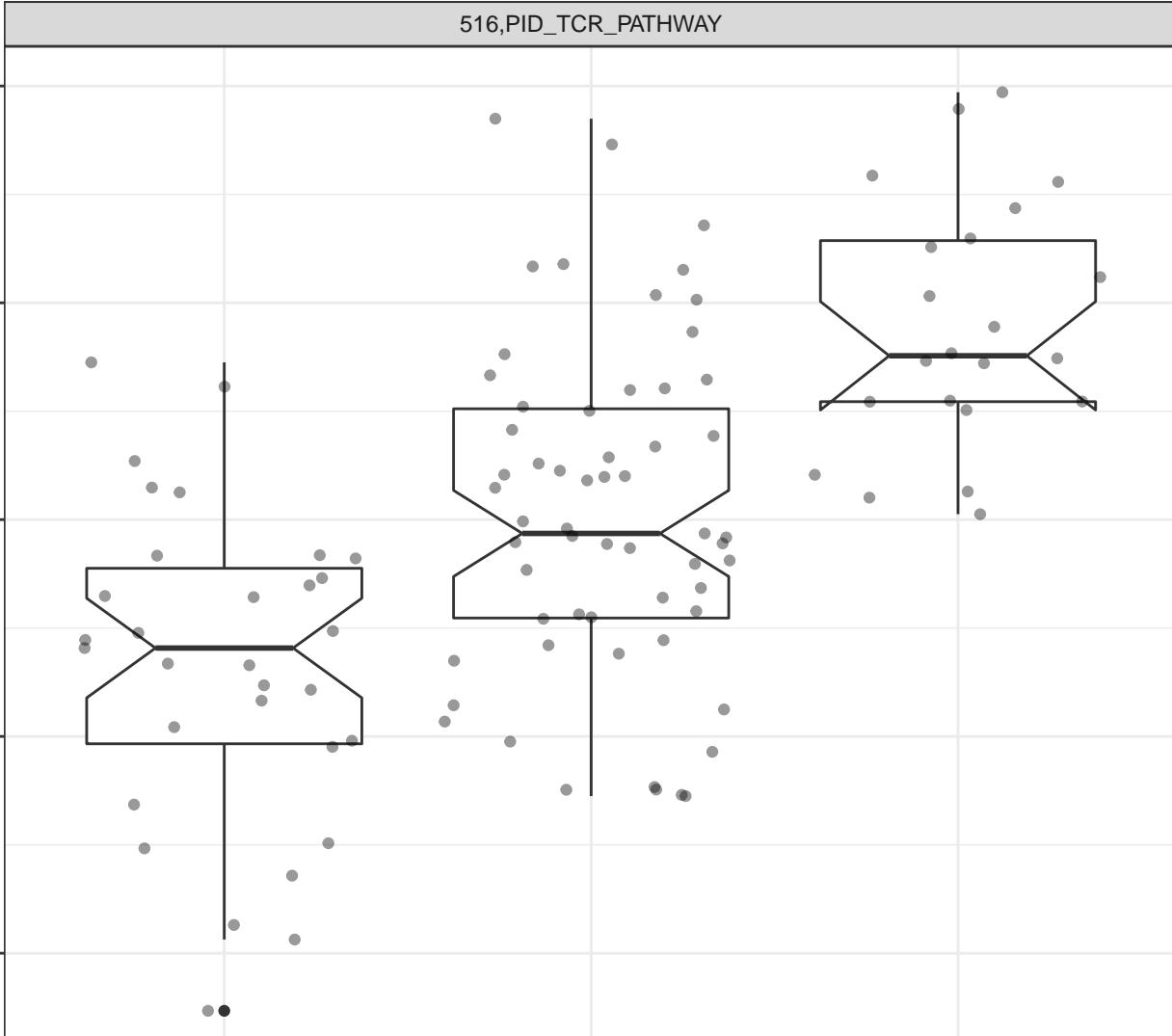
-0.2

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



# 517,REACTOME\_SIGNALING\_BY\_EGFR\_IN\_CANCER

Value

0.05

0.01

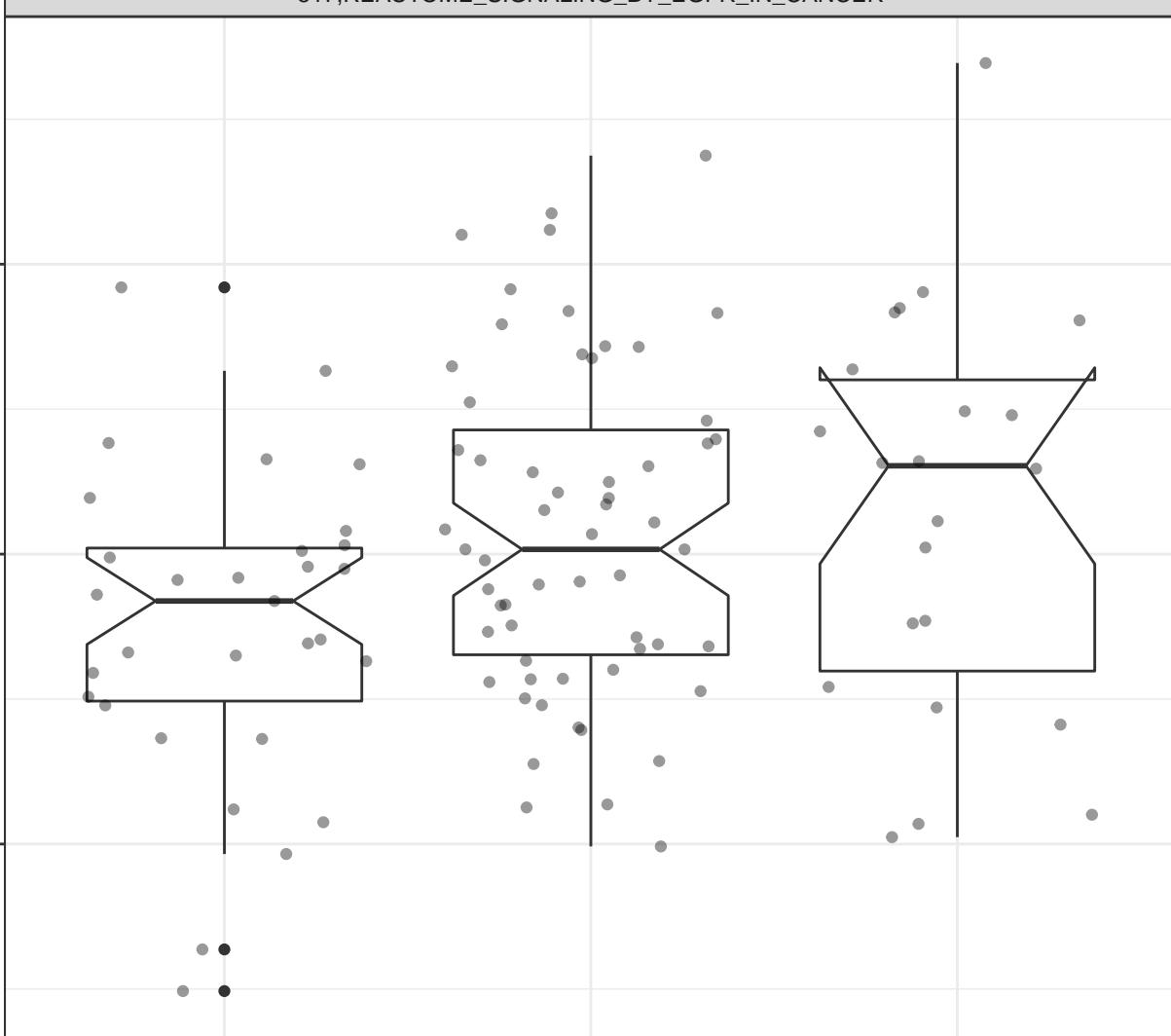
-0.05

Living donor control

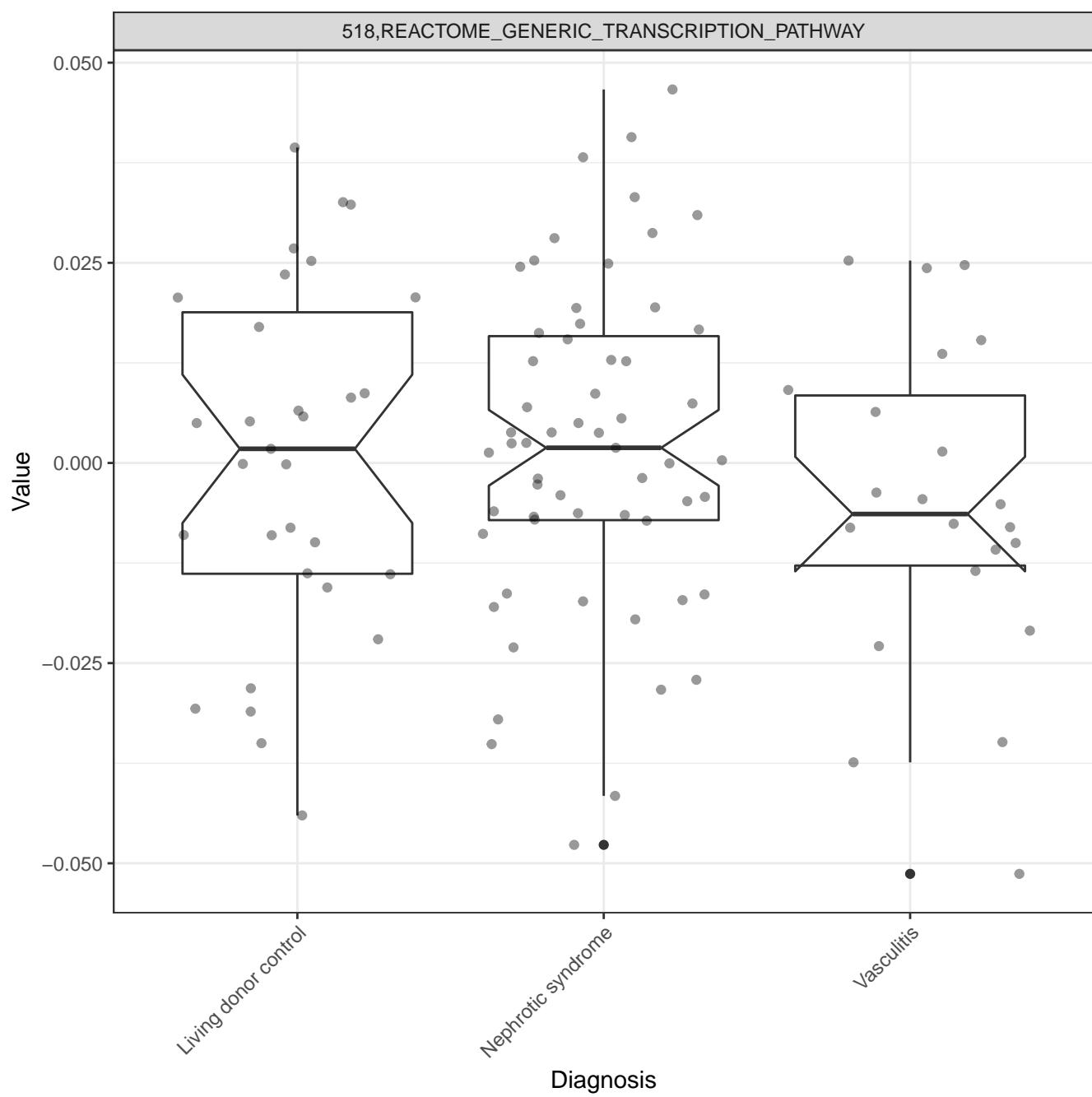
Nephrotic syndrome

Vasculitis

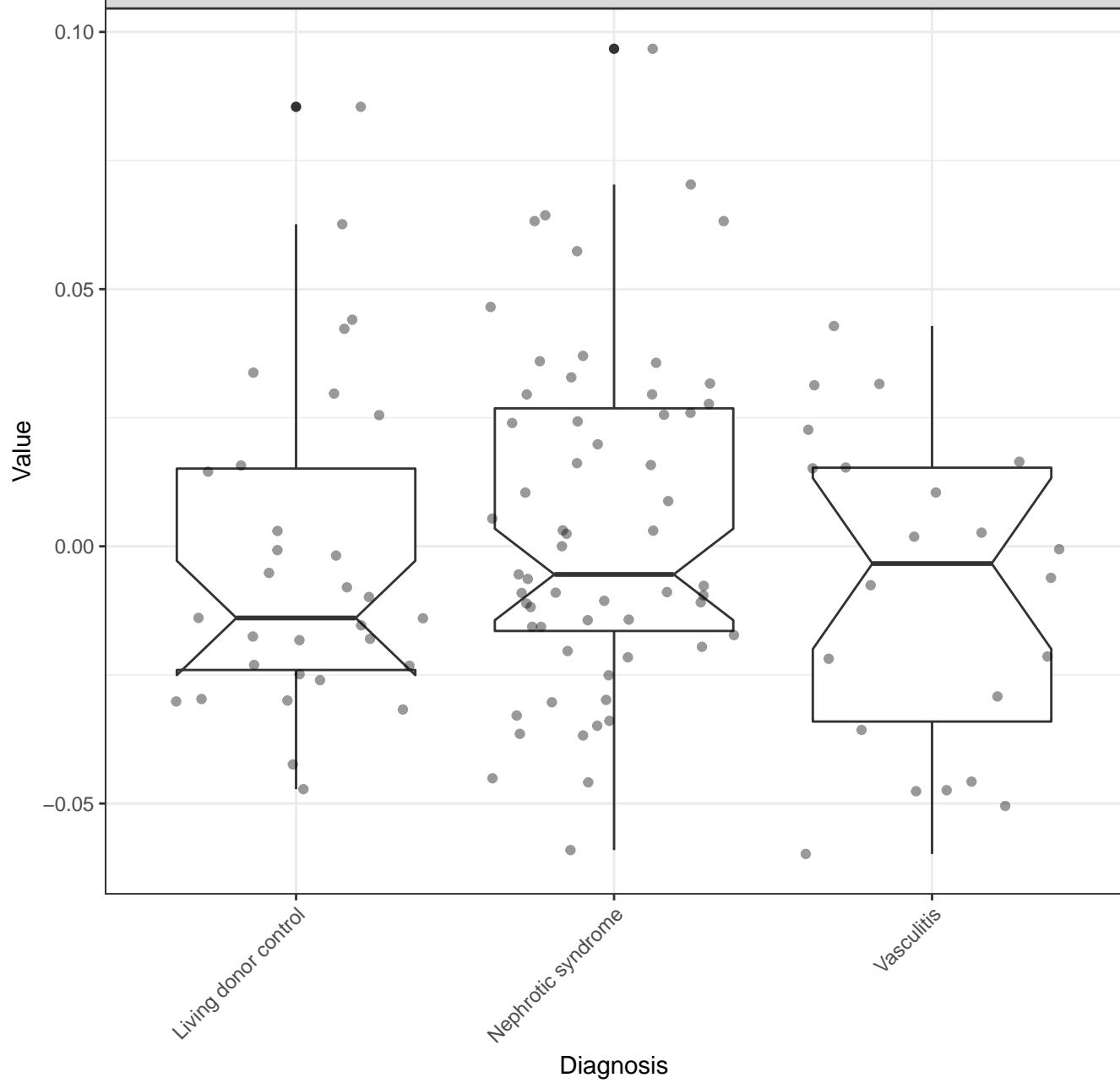
Diagnosis



## 518,REACTOME\_GENERIC\_TRANSCRIPTION\_PATHWAY



LV 519



Value

0.05

0.00

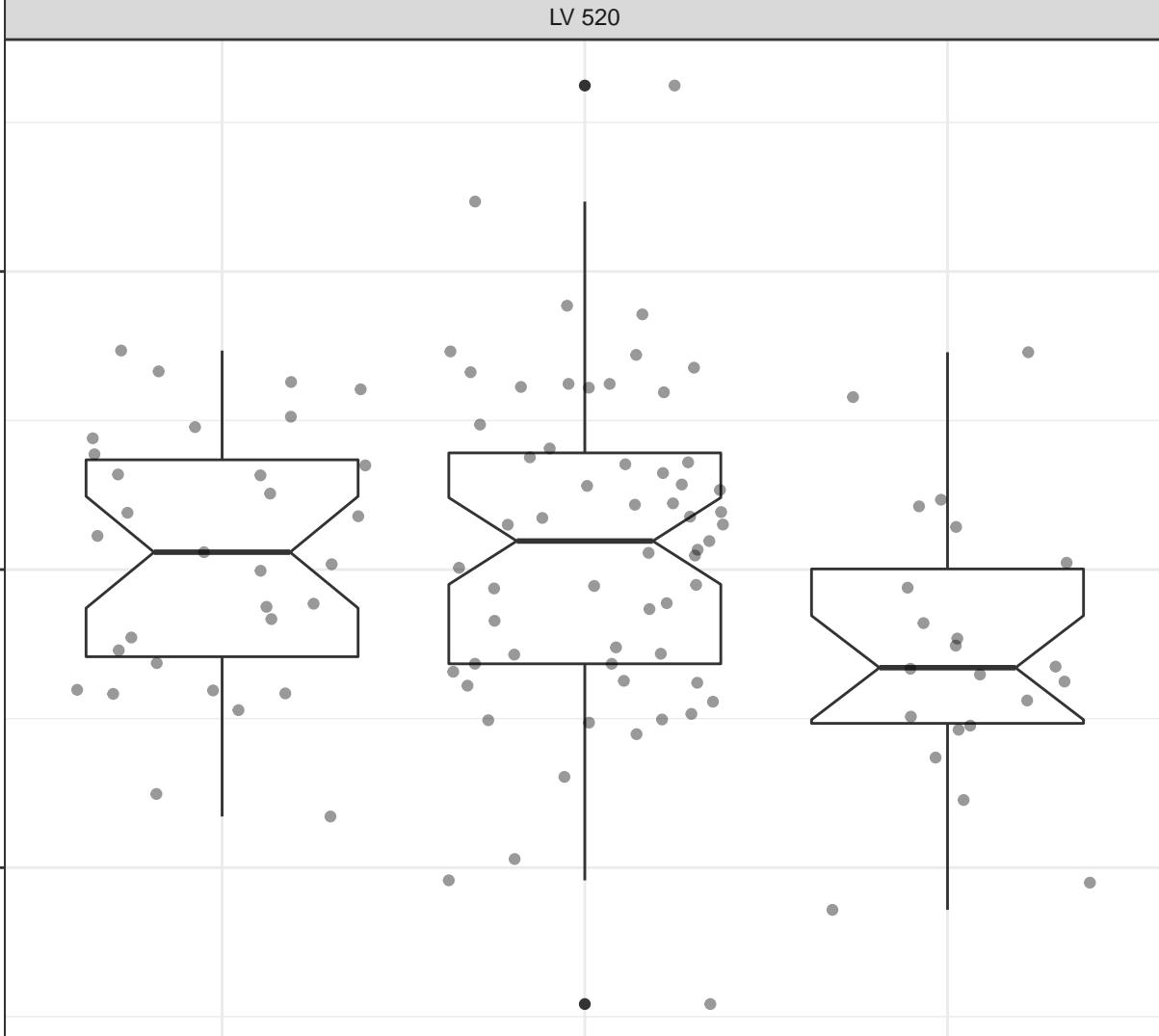
-0.05

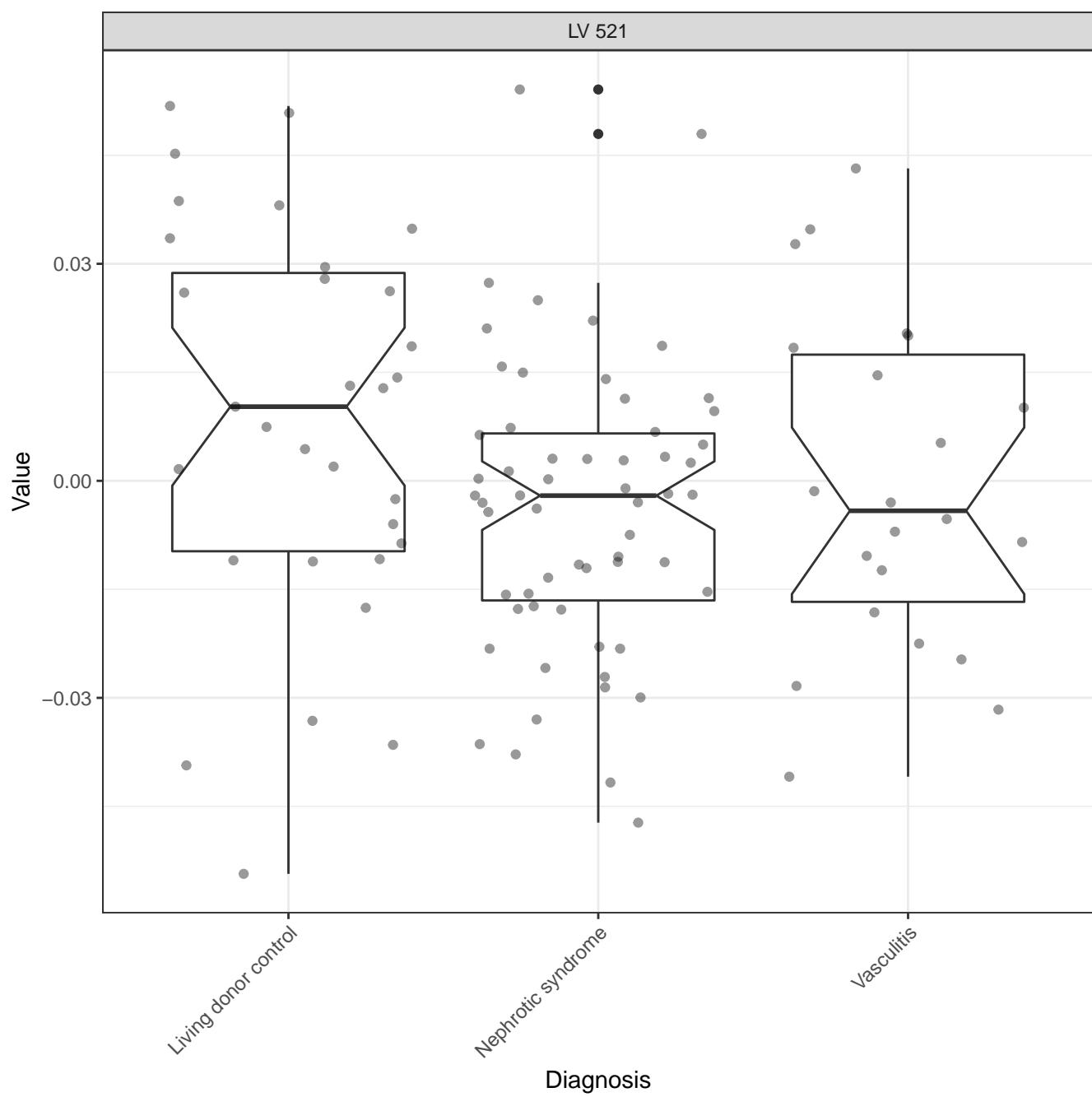
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 522

Value

0.10

0.05

0.00

-0.05

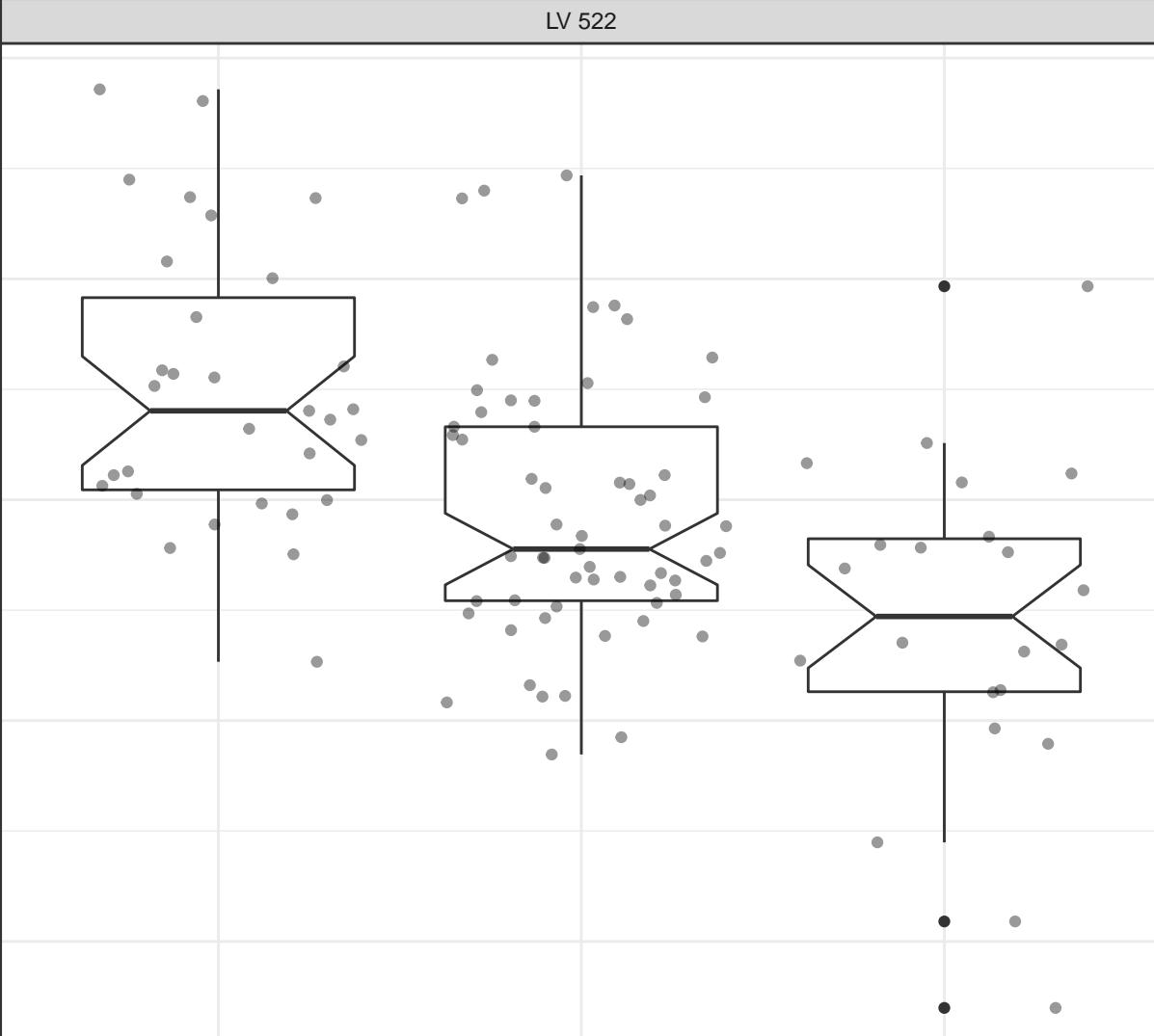
-0.10

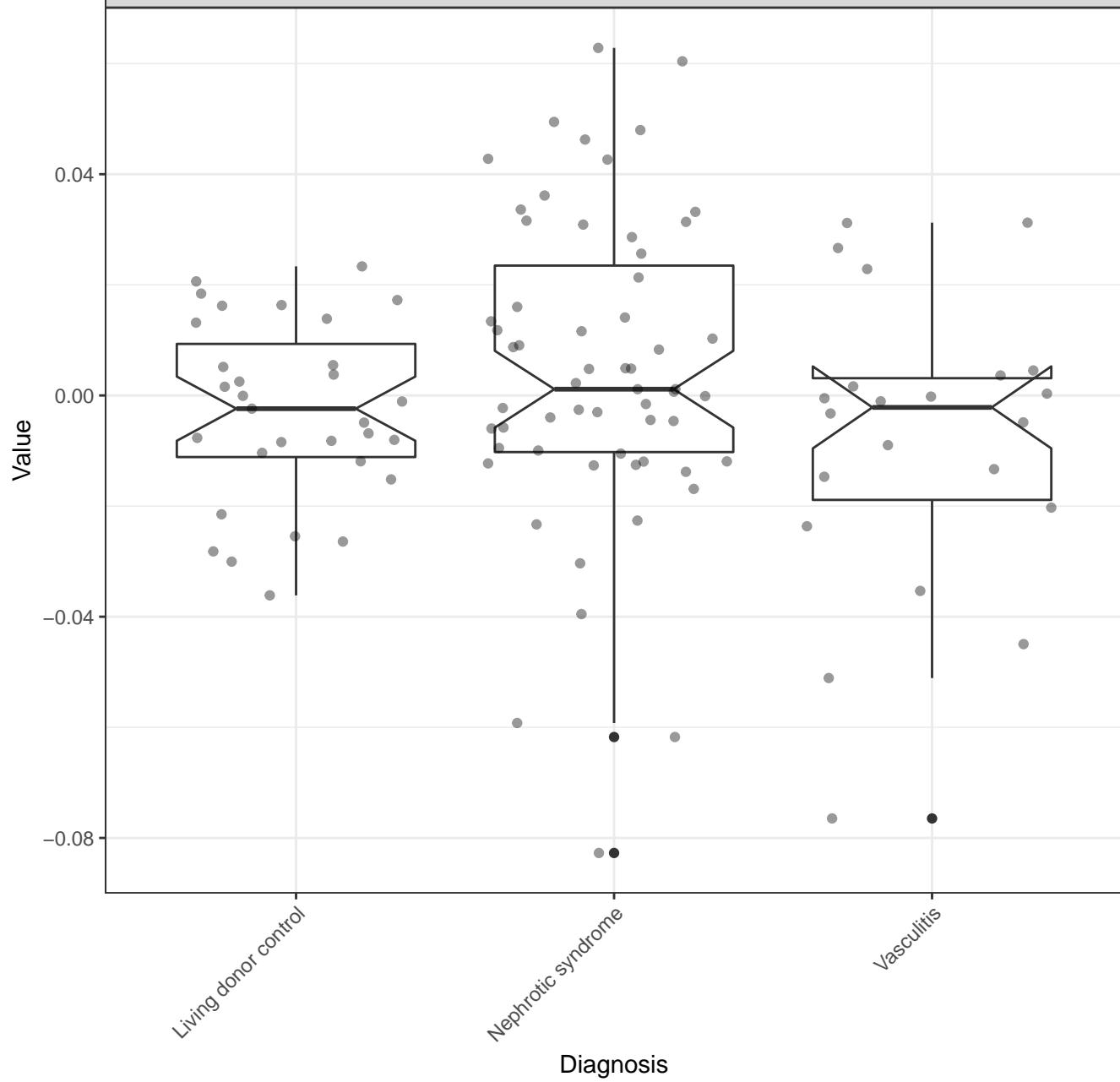
Living donor control

Nephrotic syndrome

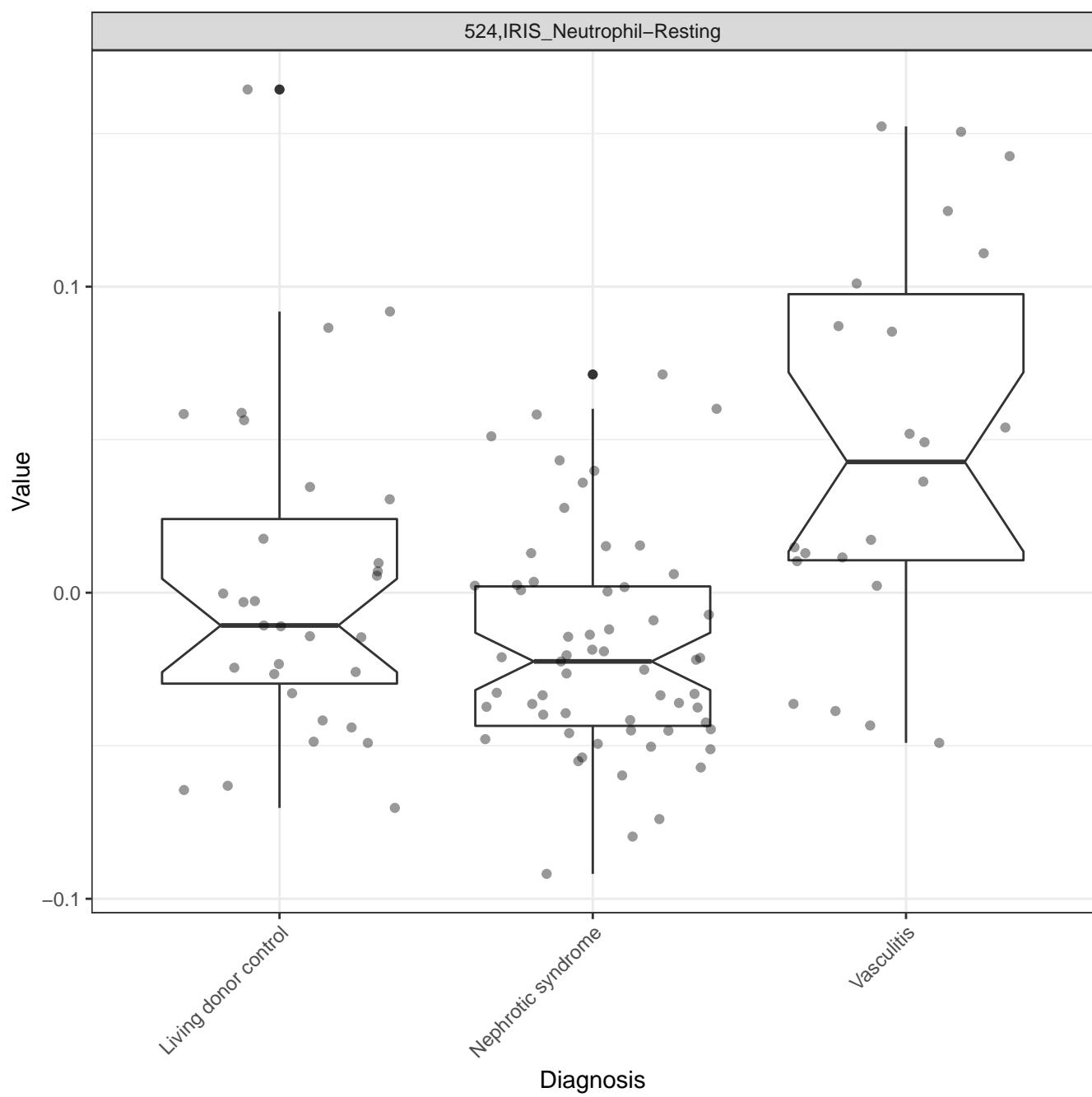
Vasculitis

Diagnosis





## 524,IRIS\_Neutrophil–Resting



Value

0.05

0.00

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.05

0.00

-0.05

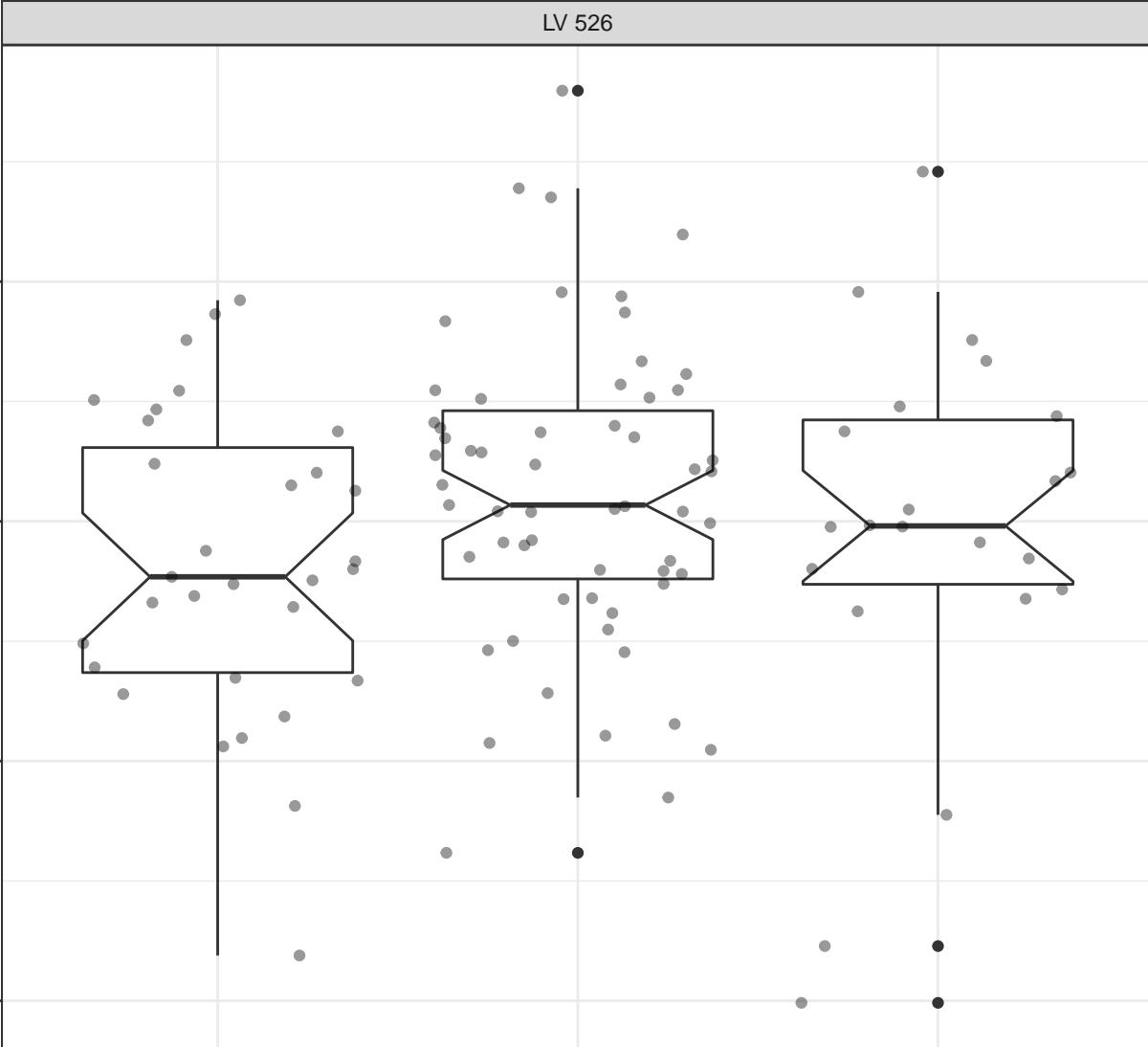
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

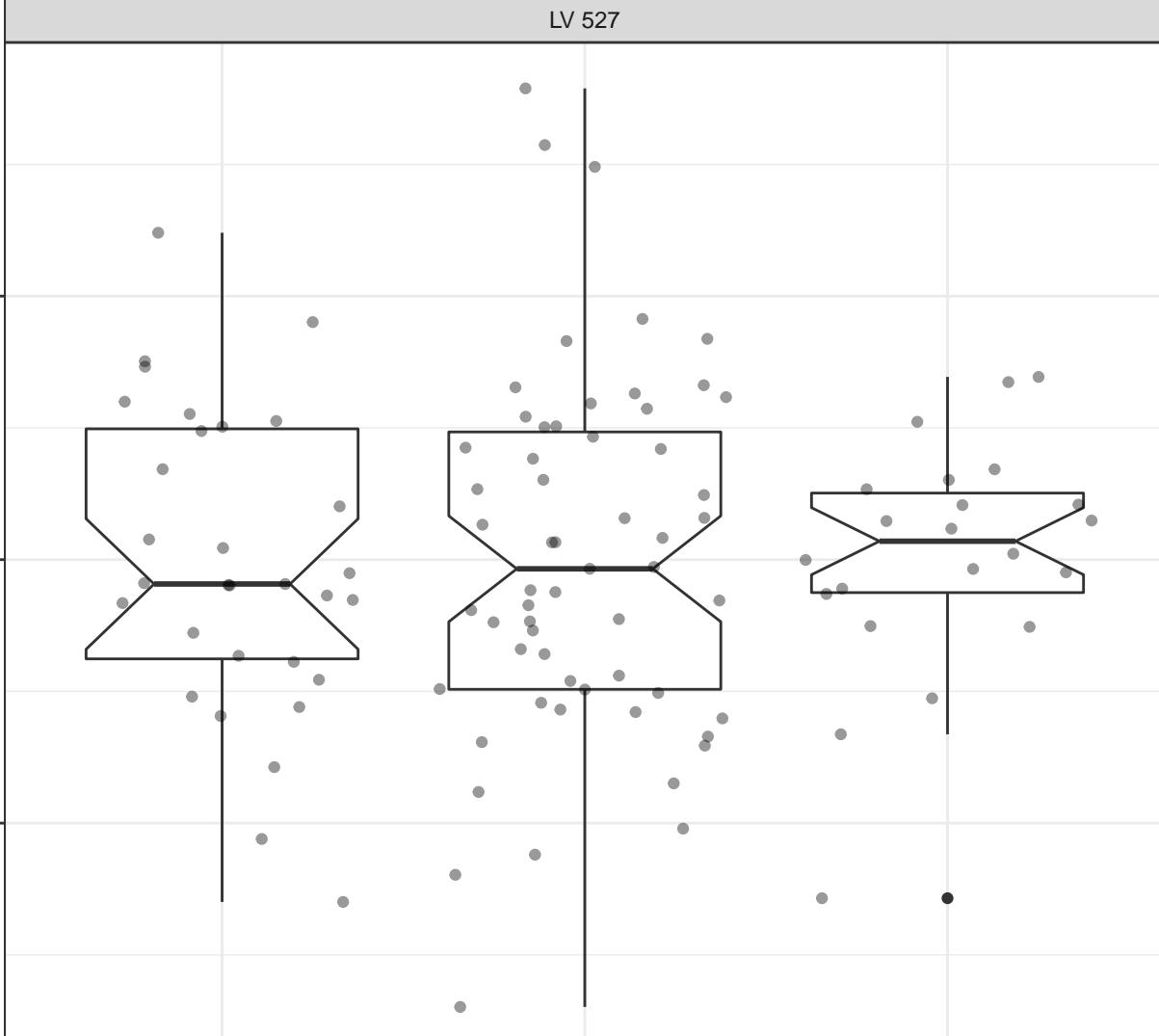
-0.04

Living donor control

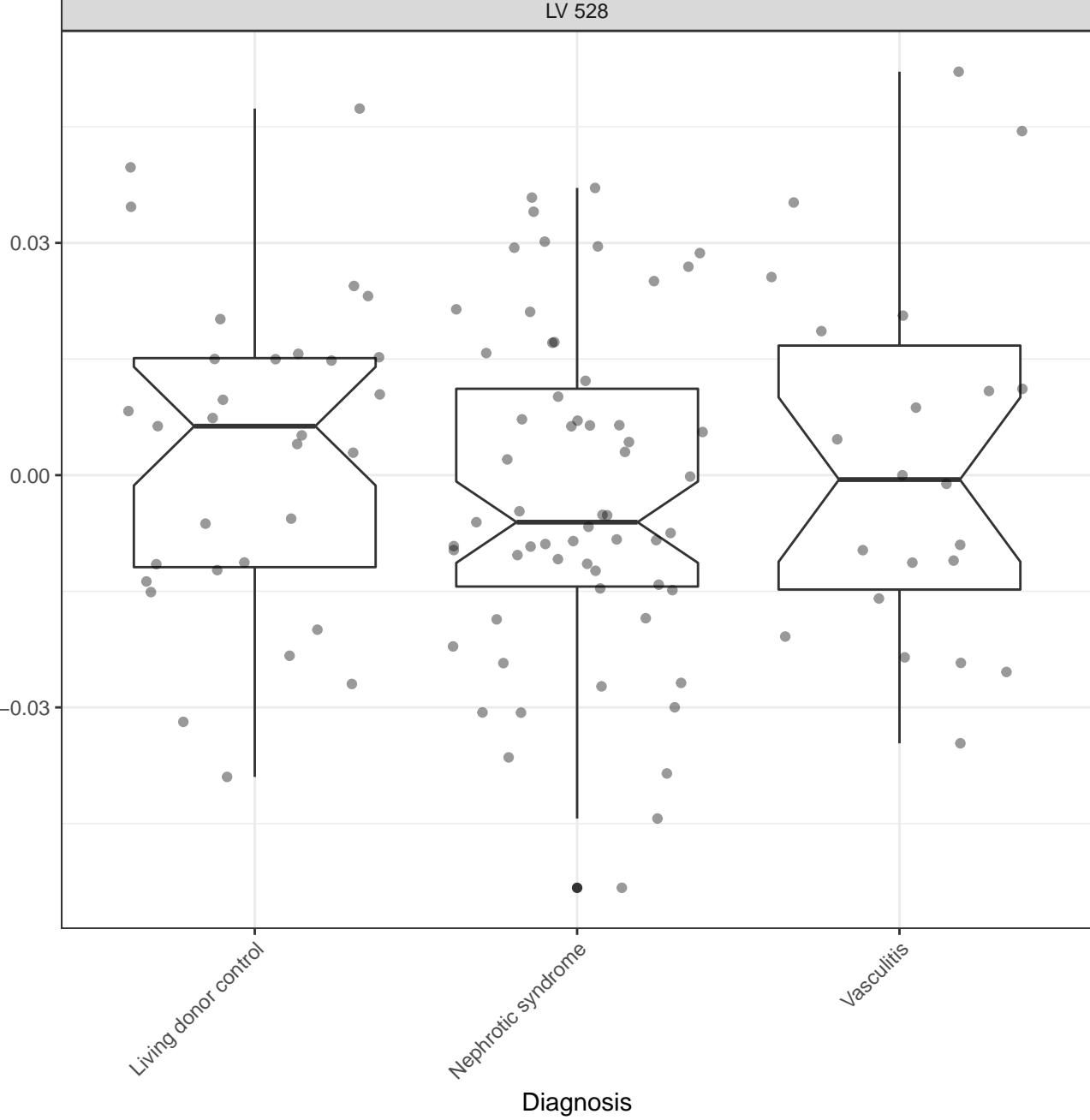
Nephrotic syndrome

Vasculitis

Diagnosis



Value



Value

0.10

0.05

0.00

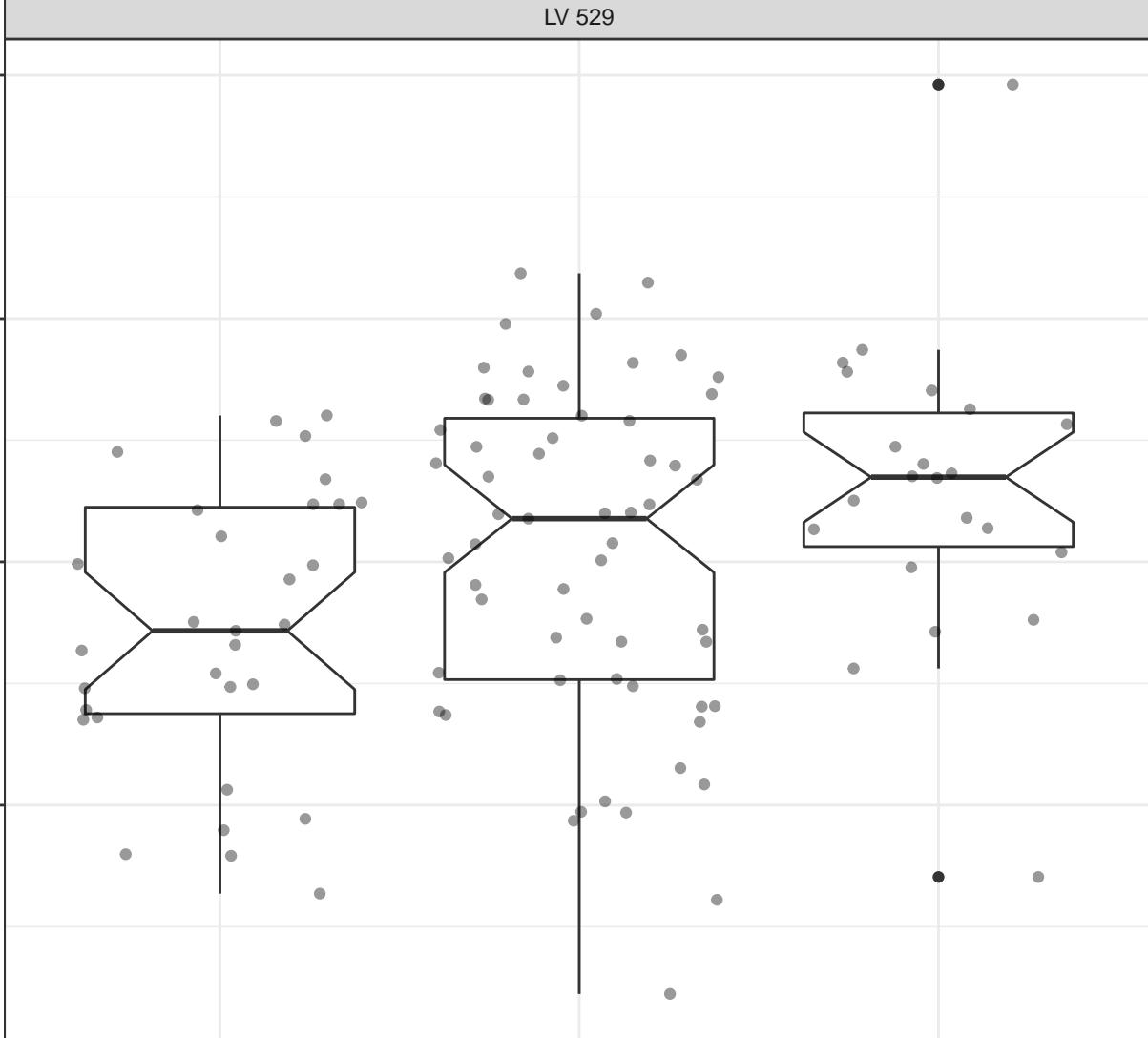
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 530

Value

0.05

0.01

-0.05

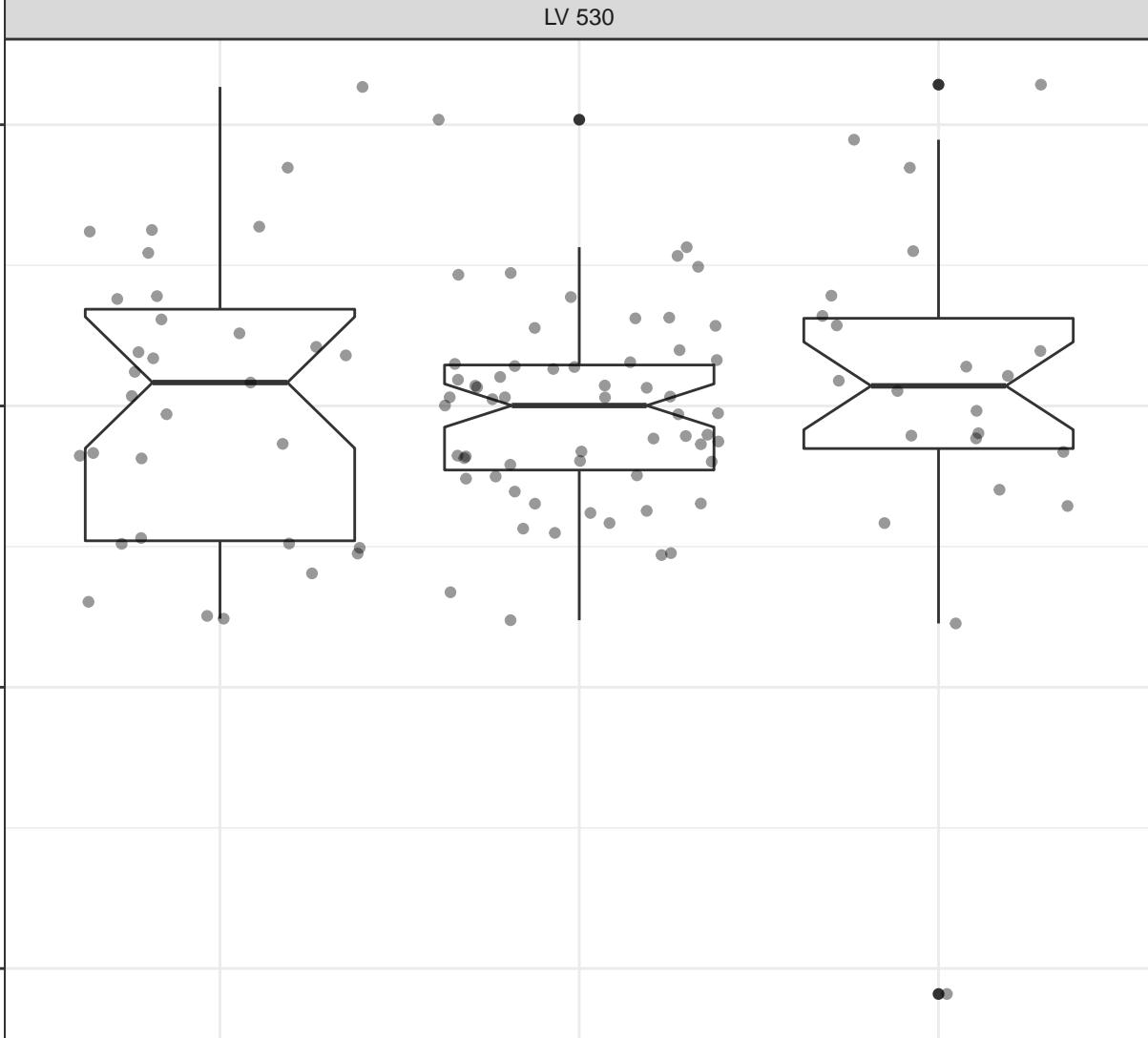
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

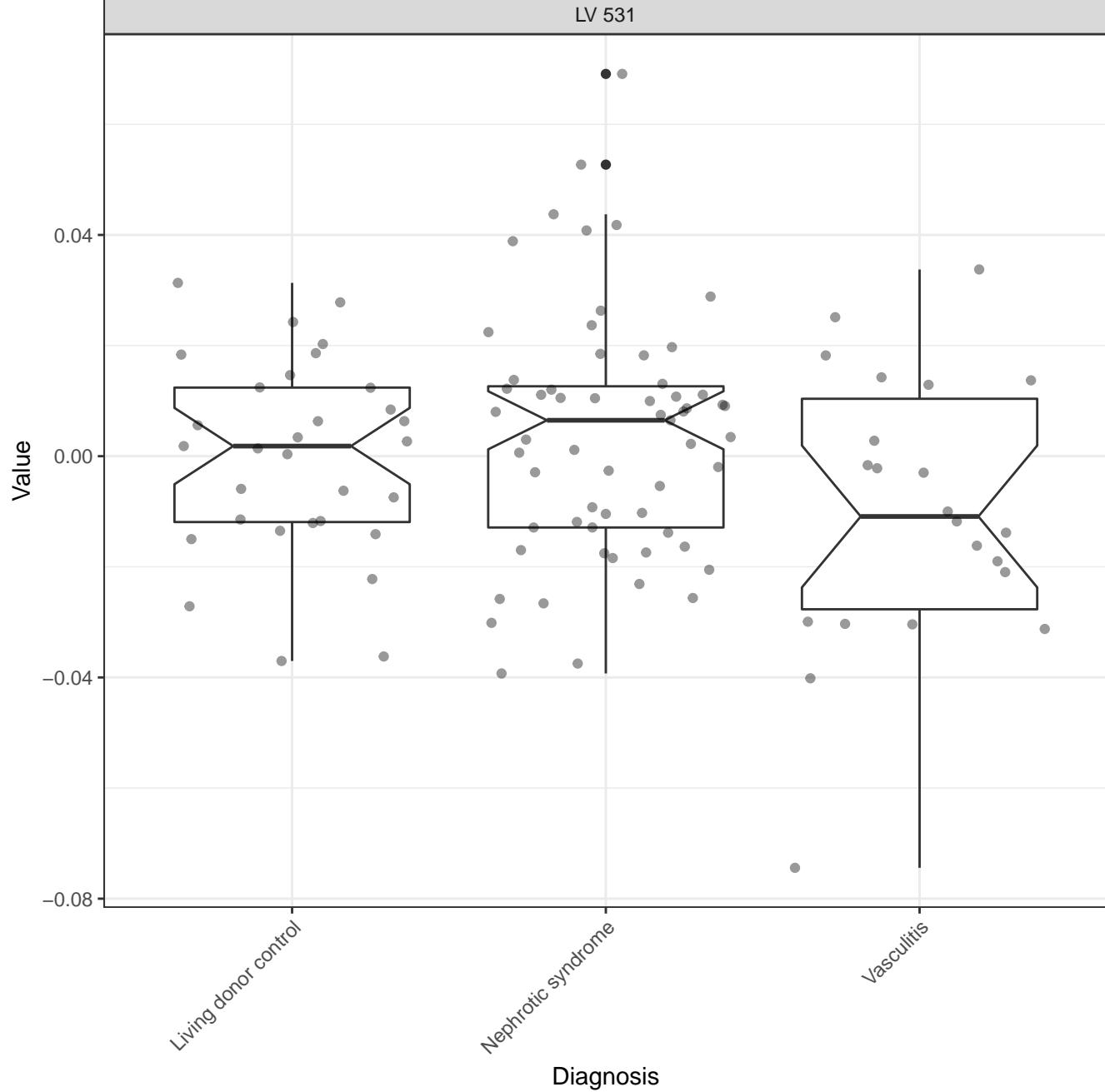
-0.08

Living donor control

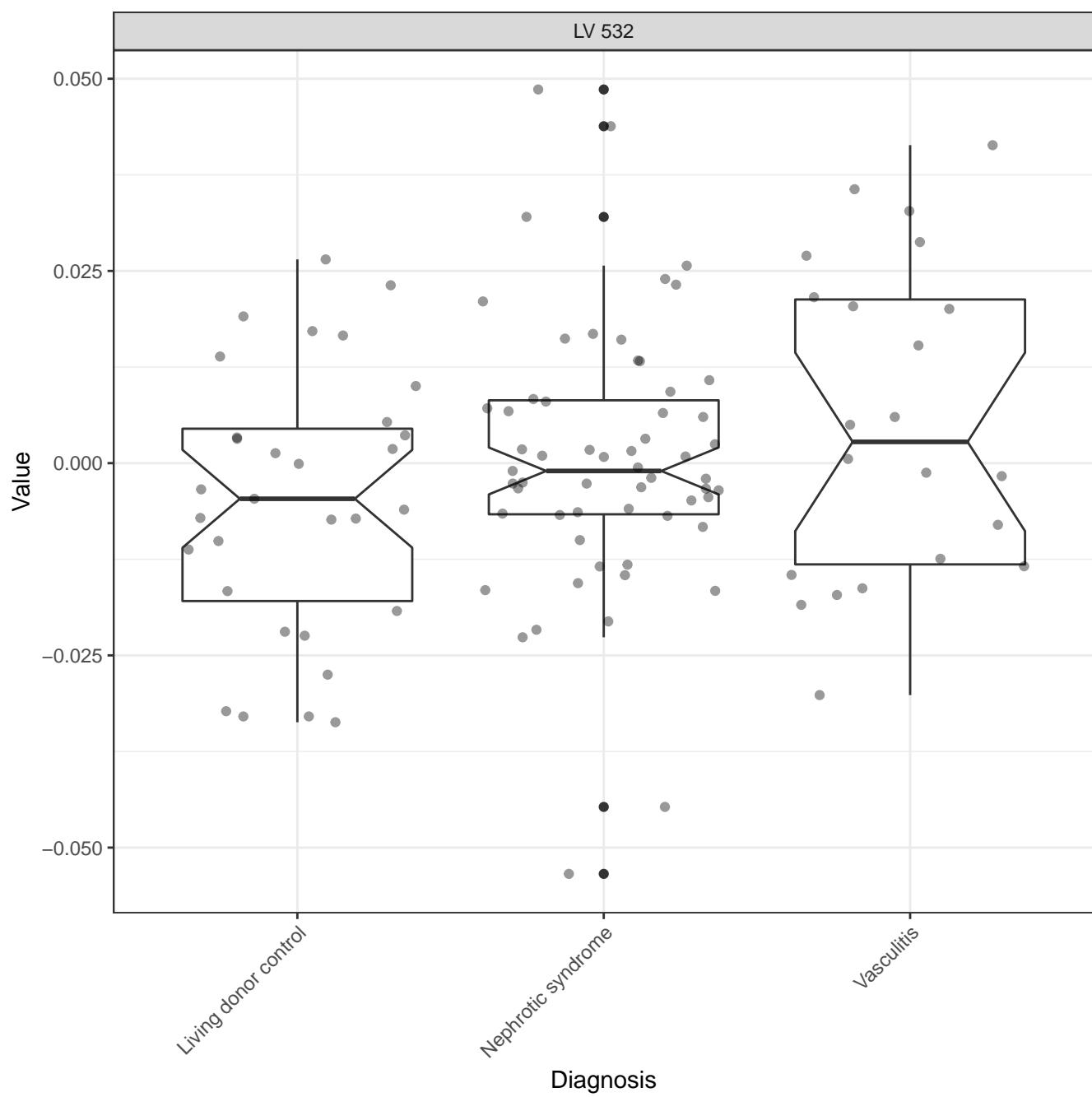
Nephrotic syndrome

Vasculitis

Diagnosis



LV 532



Value

0.04

0.00

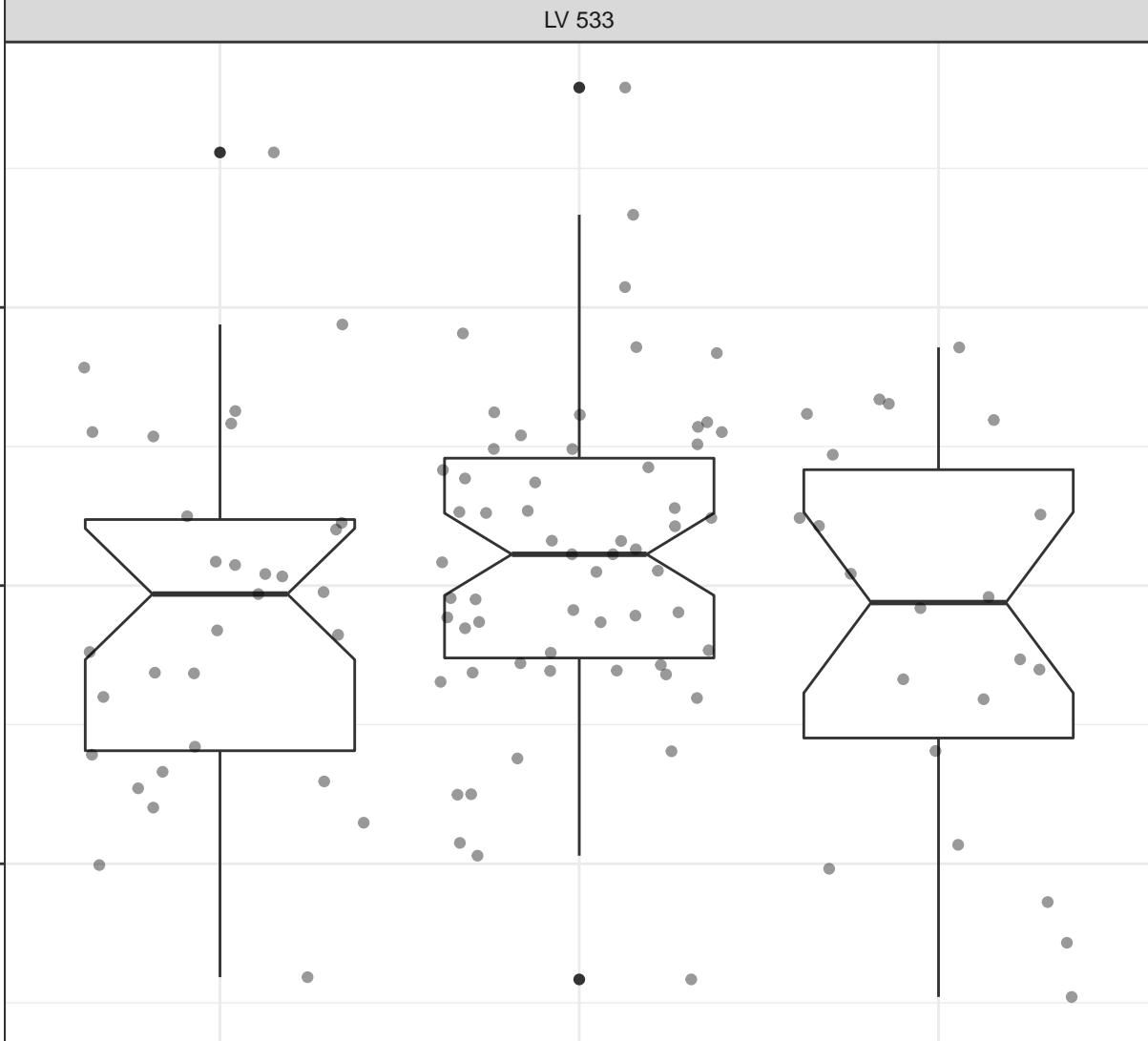
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

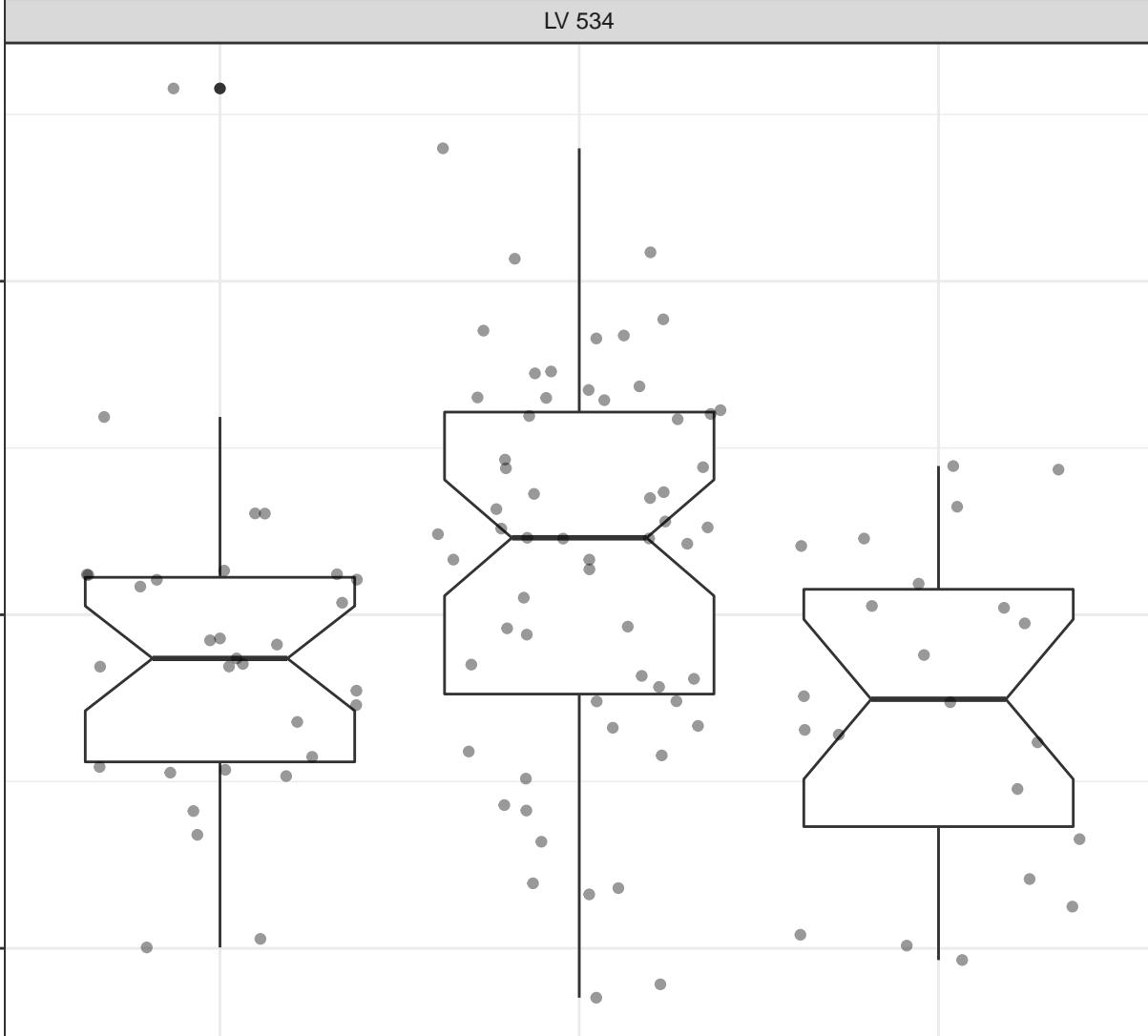
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 535

Value

0.05

0.00

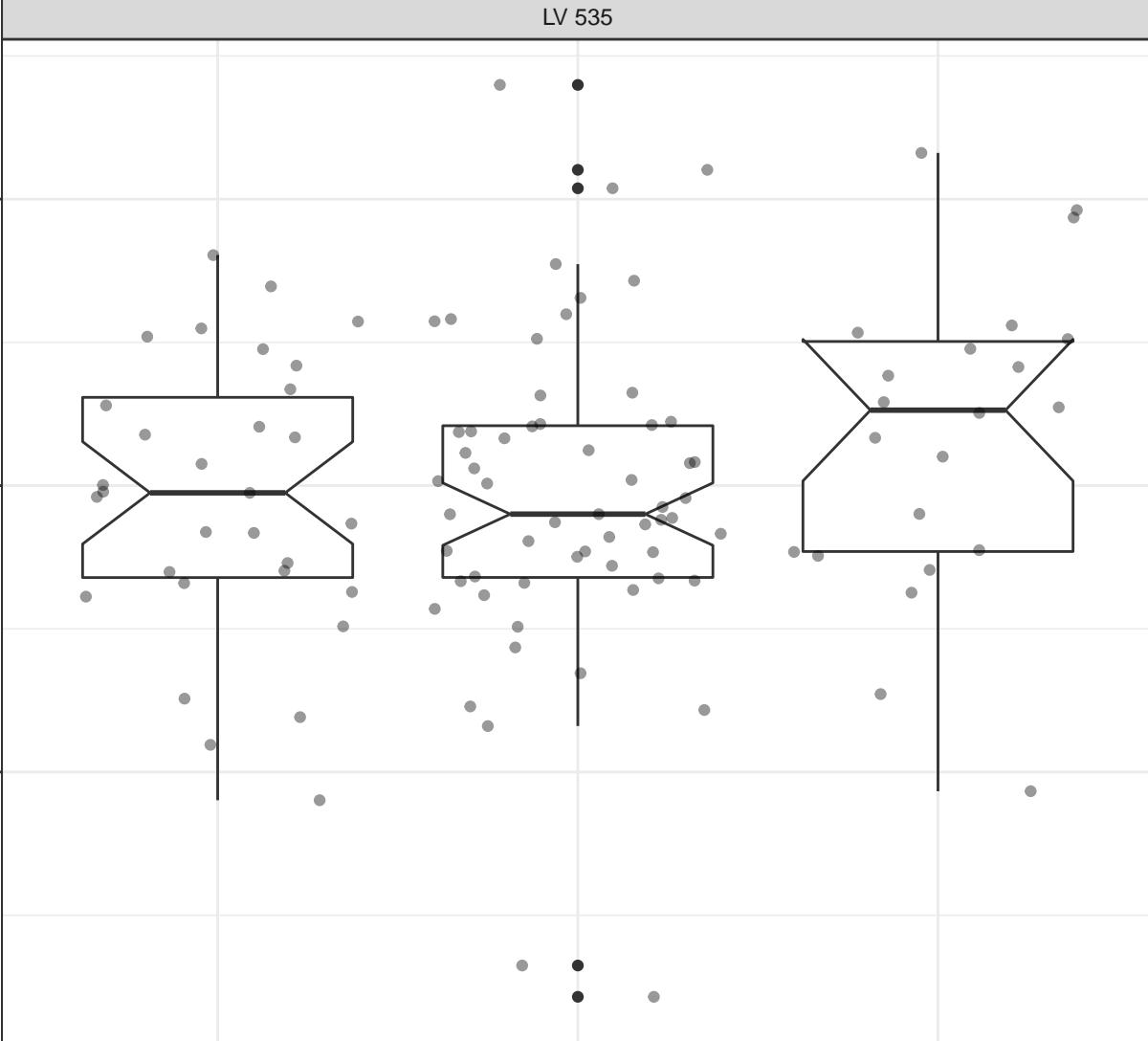
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

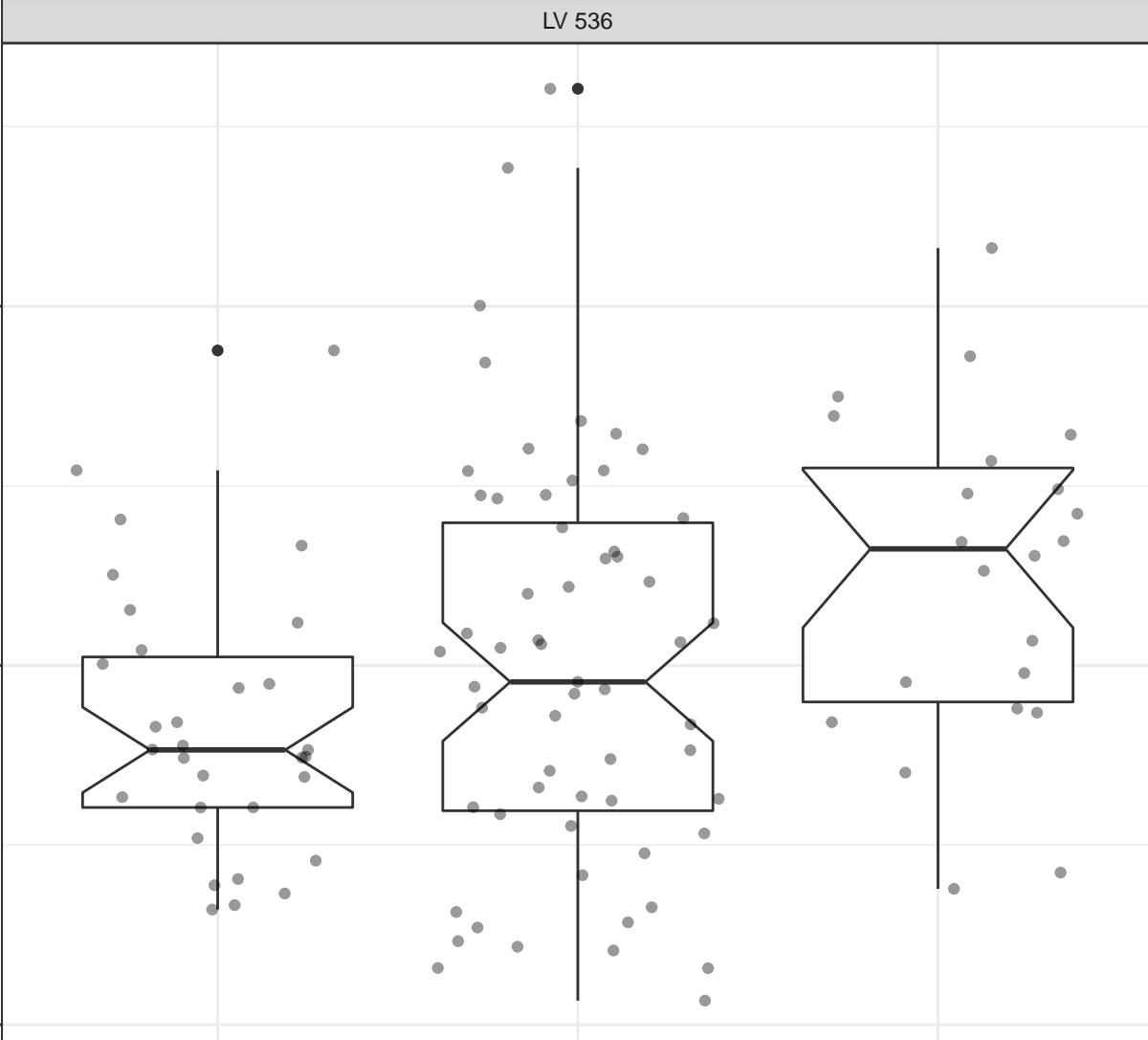
-0.05

Living donor control

Nephrotic syndrome

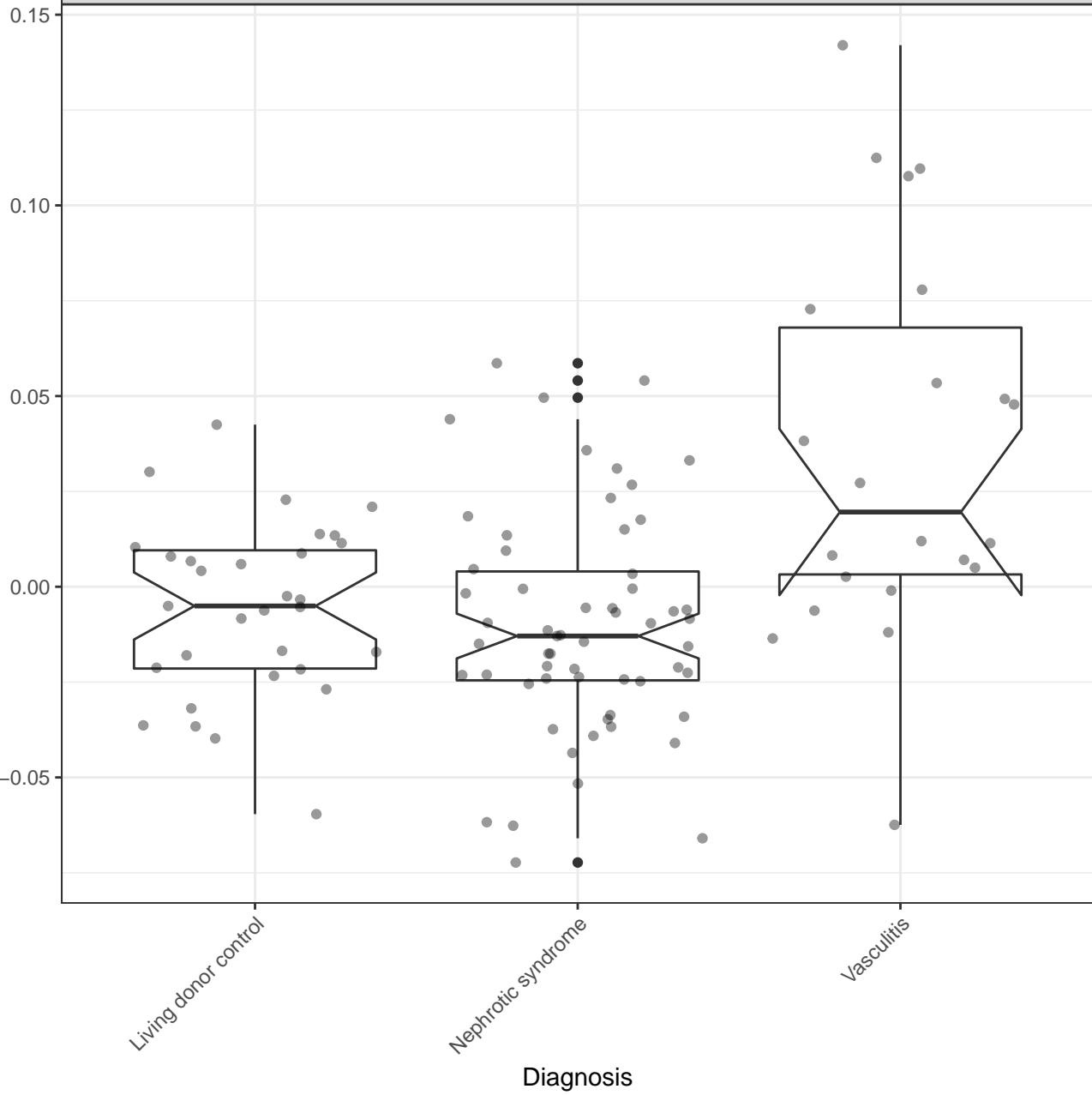
Vasculitis

Diagnosis

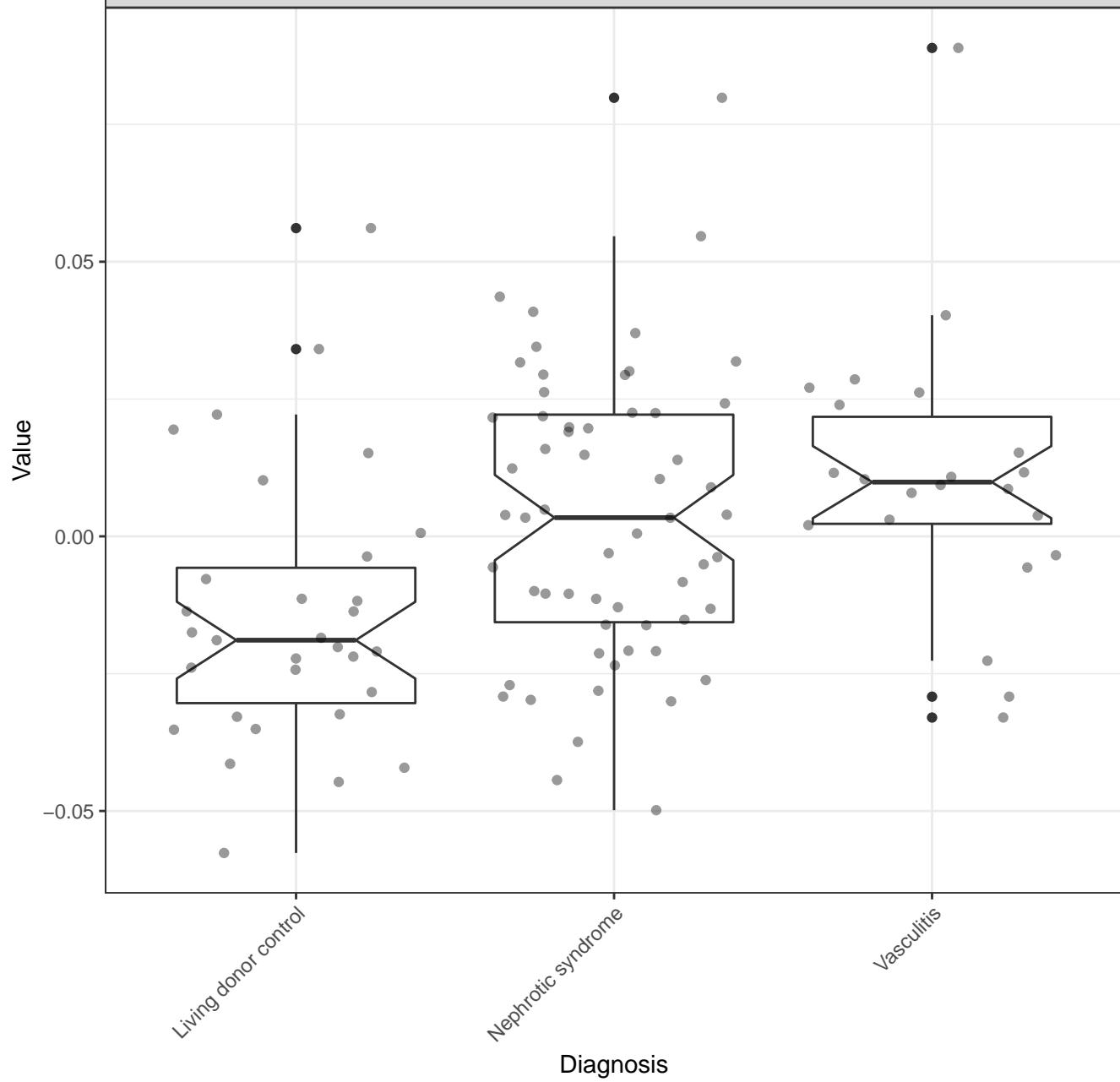


LV 537

Value



## 538,PID\_P73PATHWAY



Value

0.04

0.00

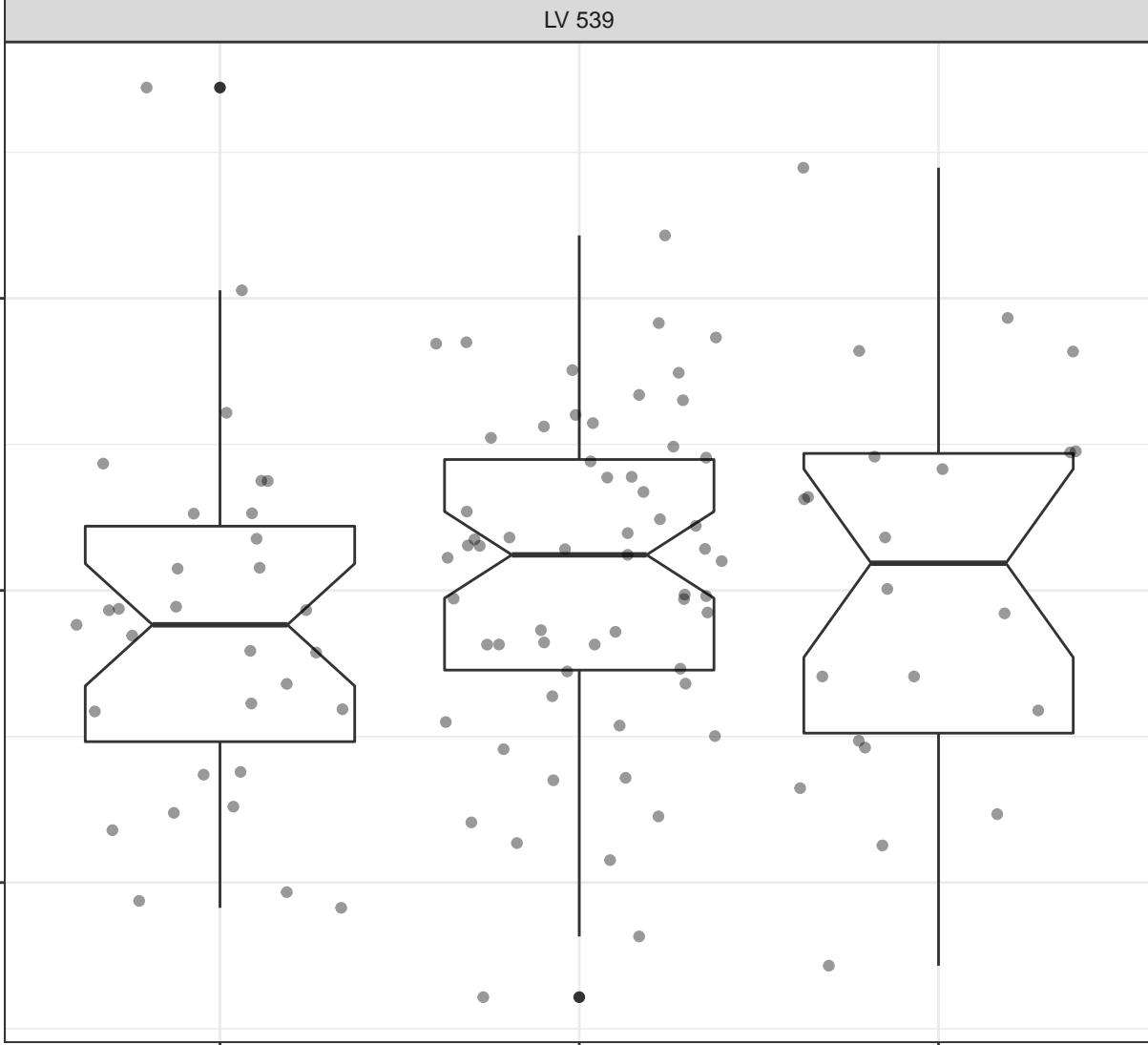
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 540

Value

0.05

0.00

-0.05

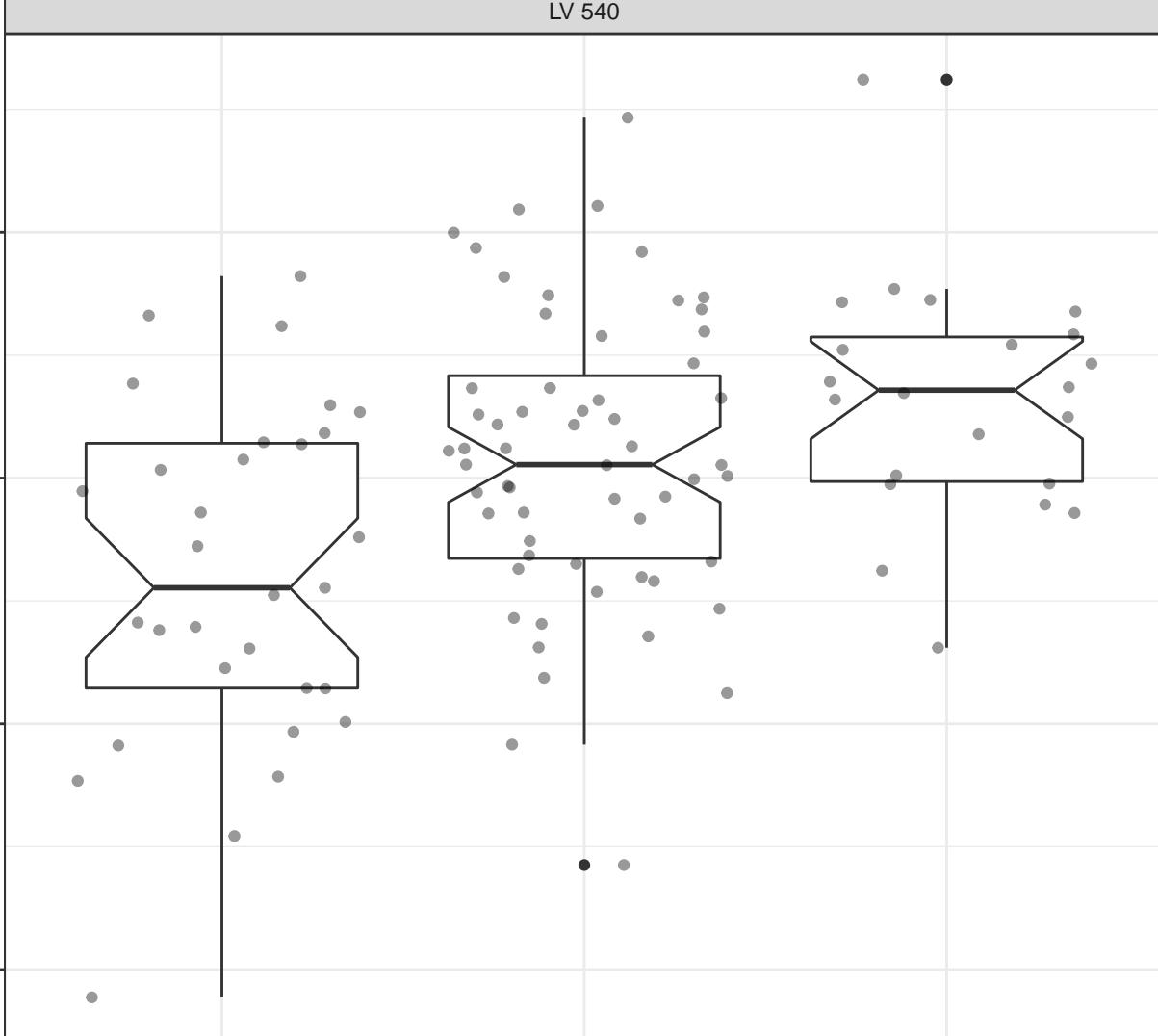
-0.10

Living donor control

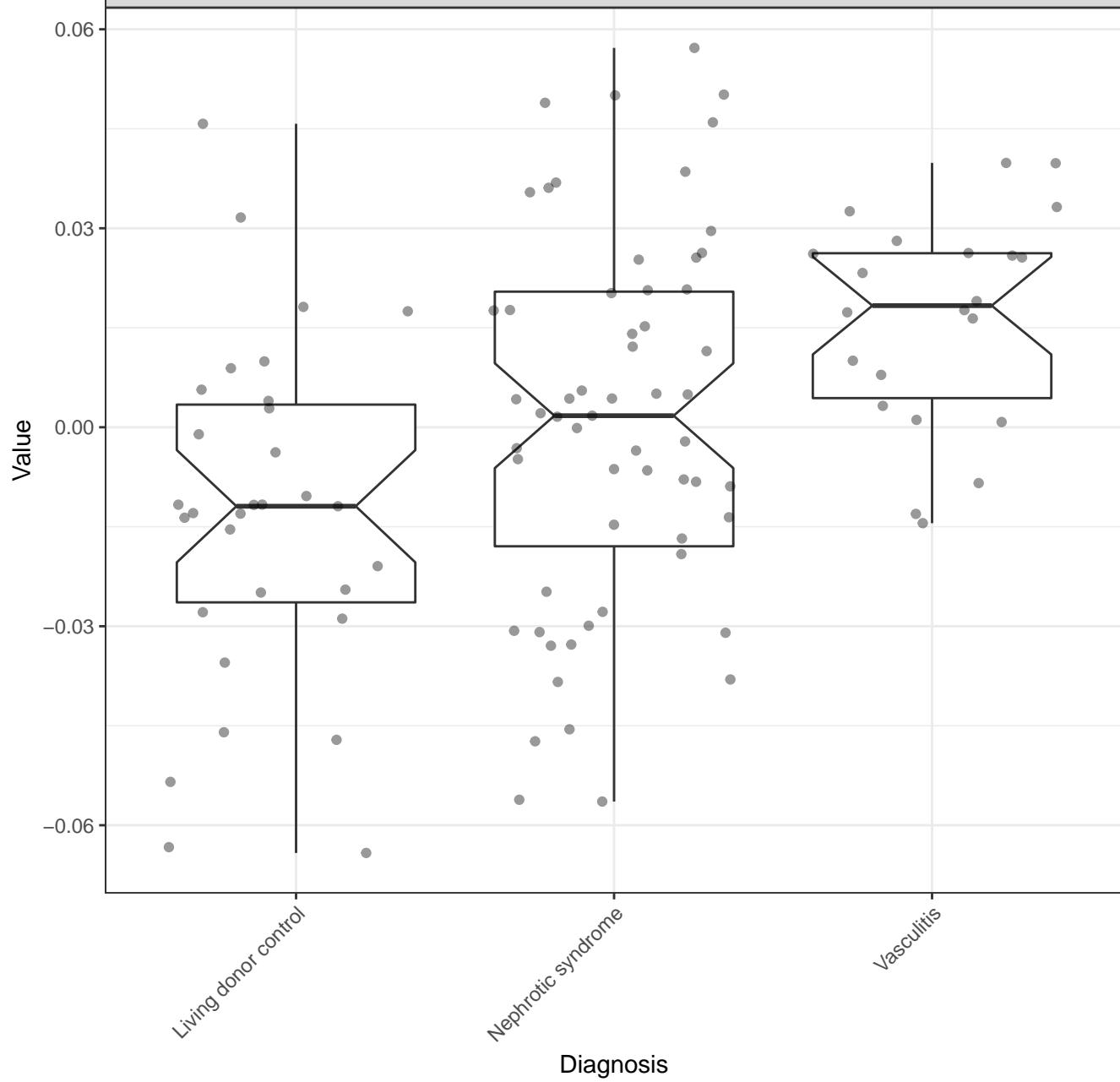
Nephrotic syndrome

Vasculitis

Diagnosis



## 541,REACTOME\_G1\_PHASE



LV 542

Value

0.3

0.2

0.1

0.0

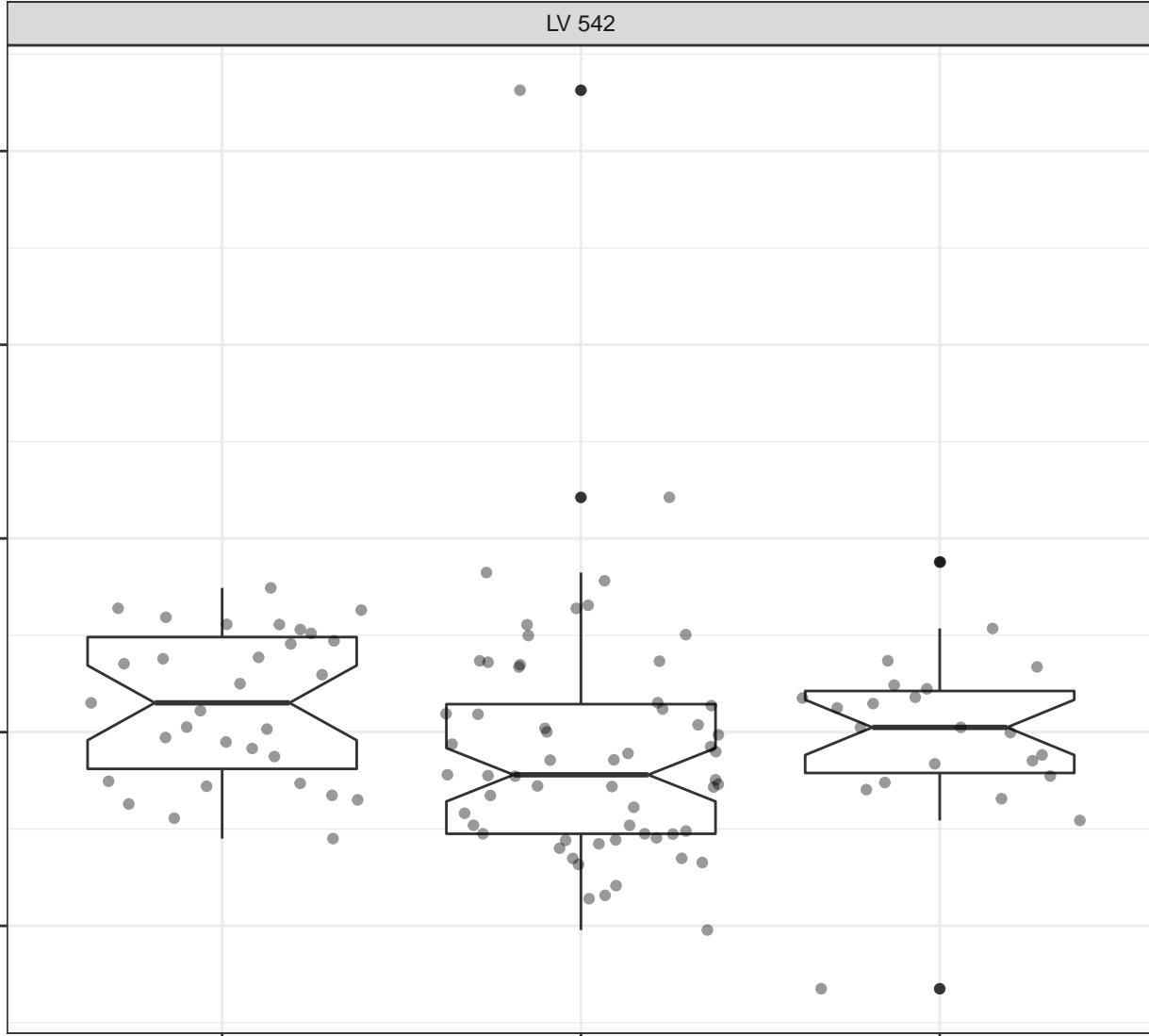
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 543

Value

0.05

0.00

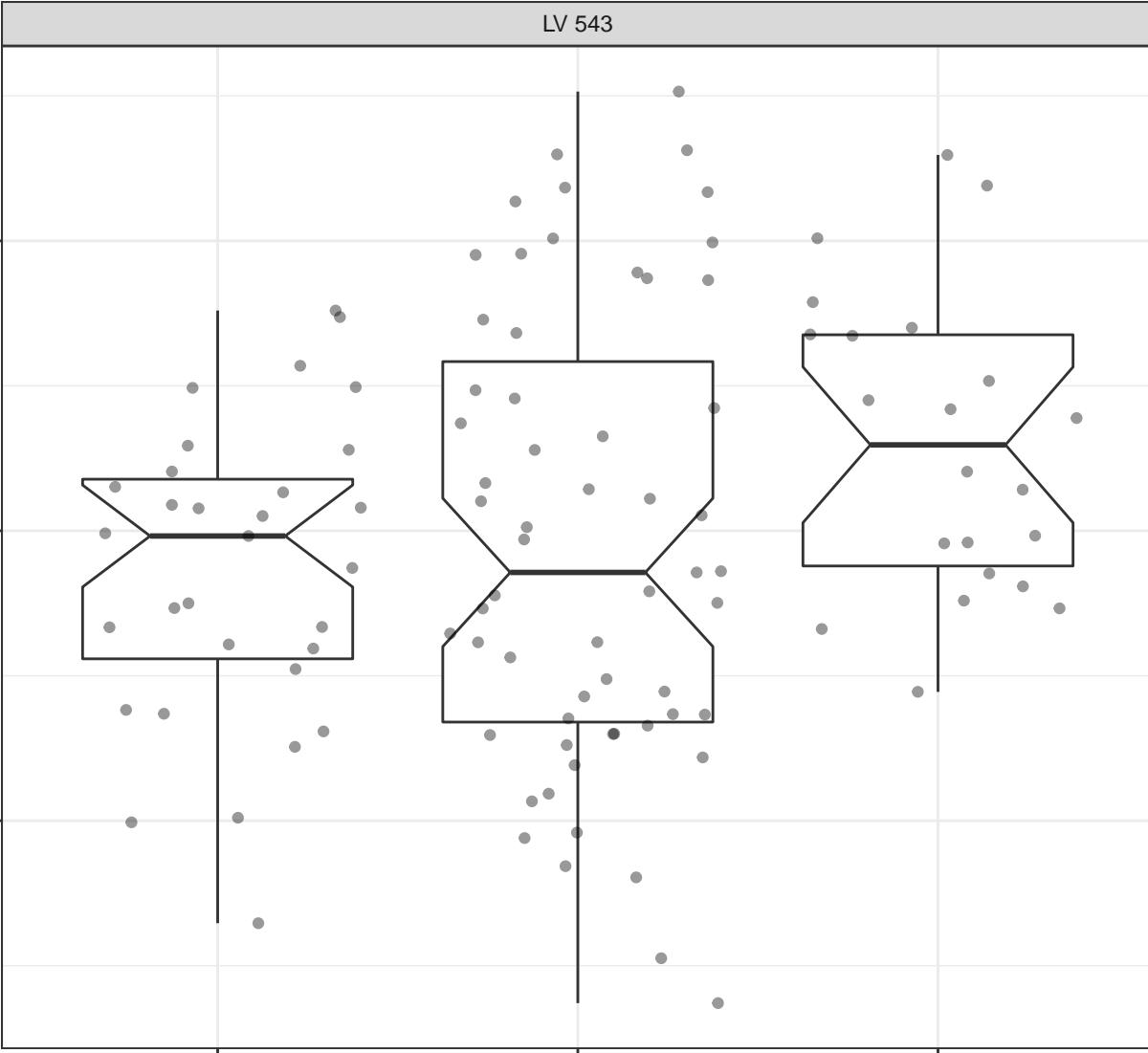
-0.05

Living donor control

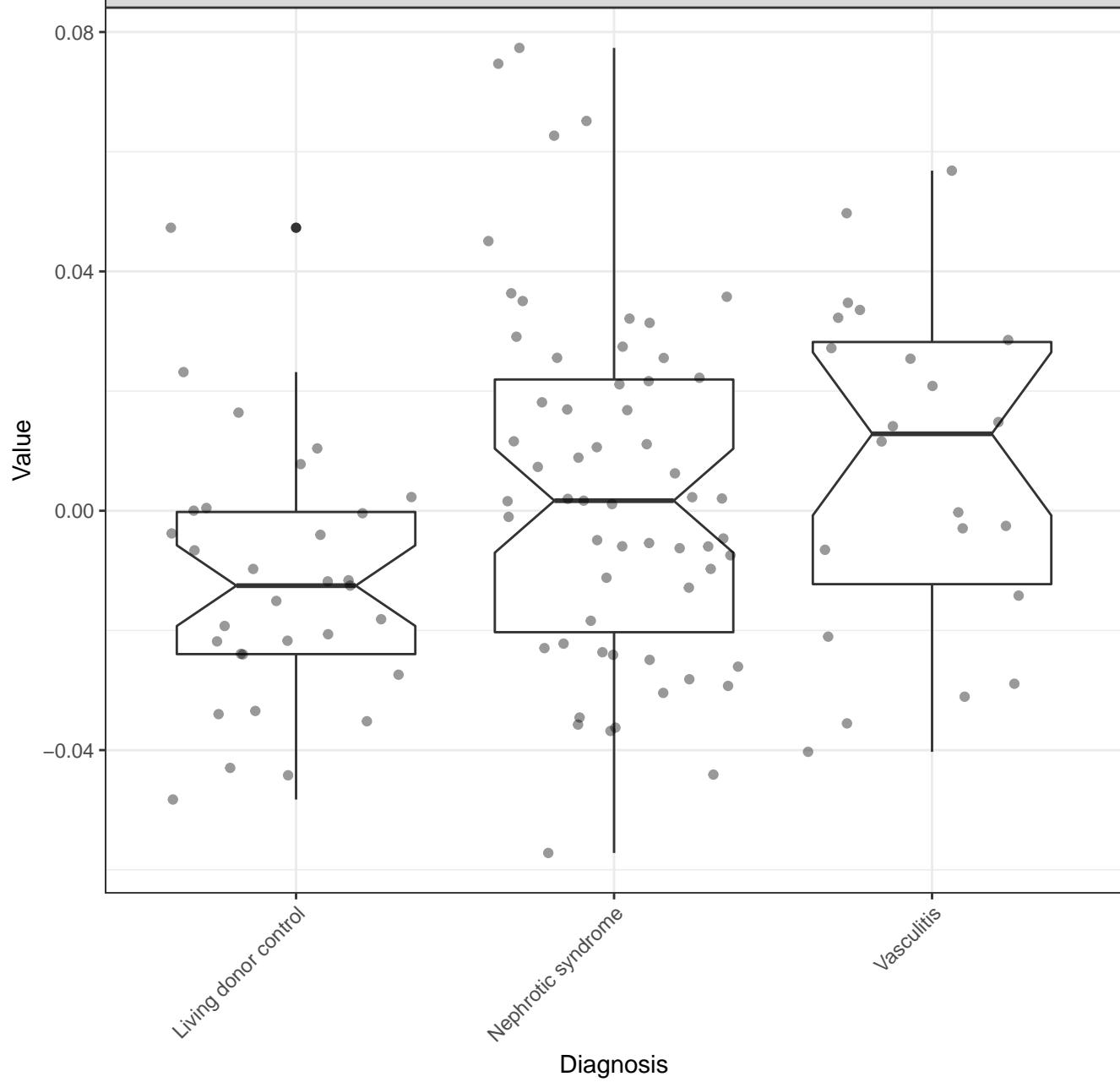
Nephrotic syndrome

Vasculitis

Diagnosis



LV 544



LV 545

Value

0.08

0.04

0.00

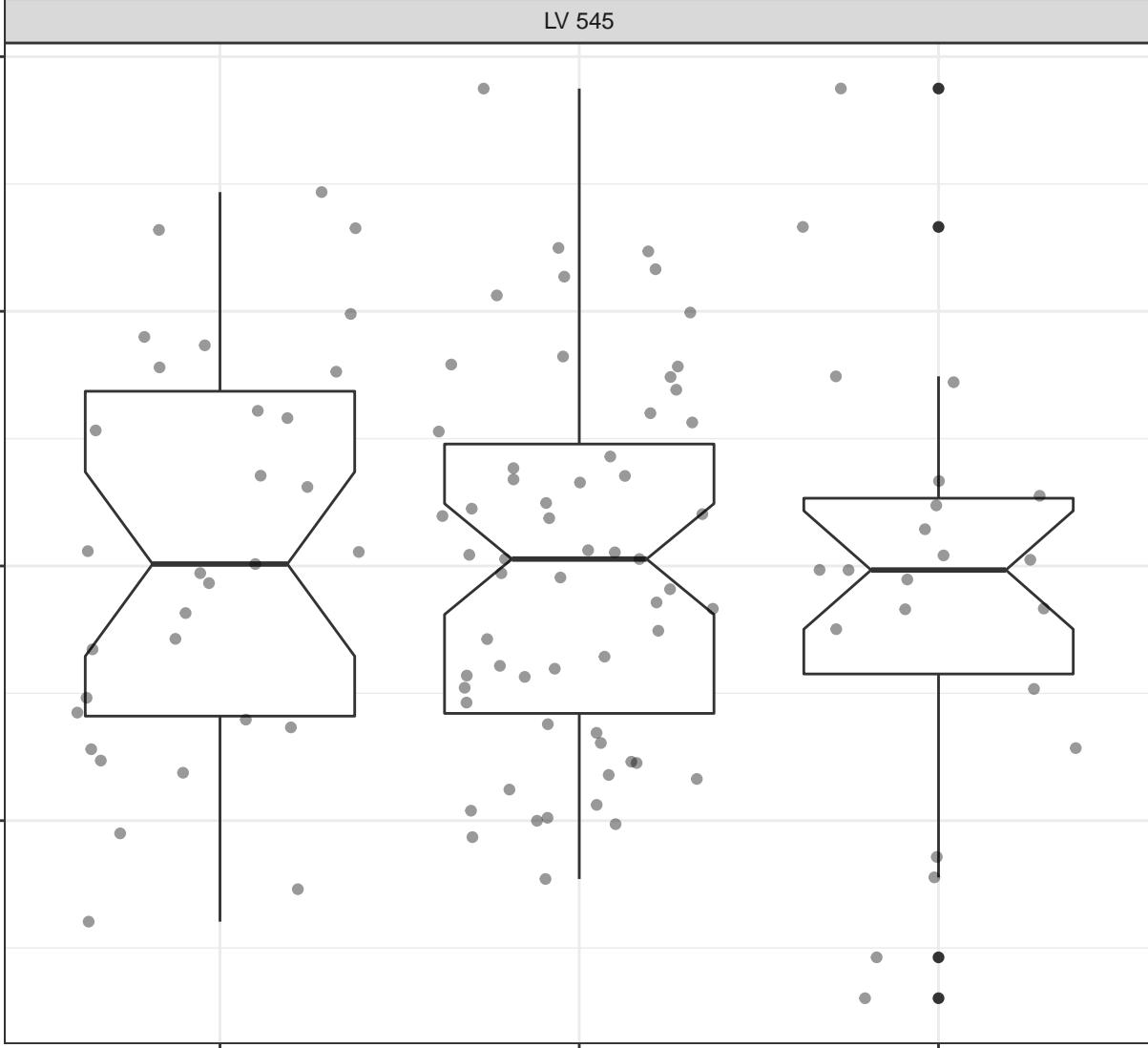
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

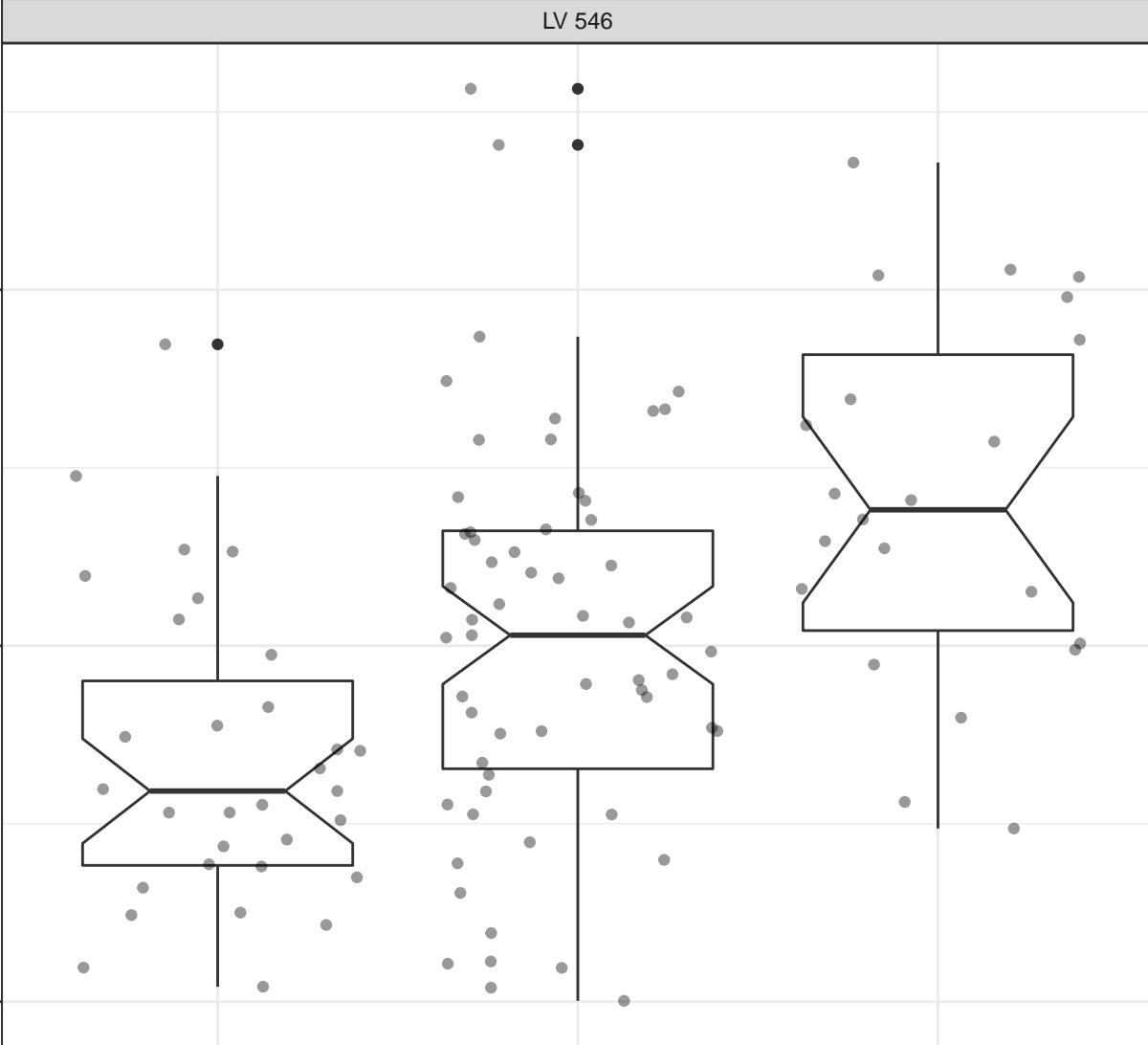
-0.05

Living donor control

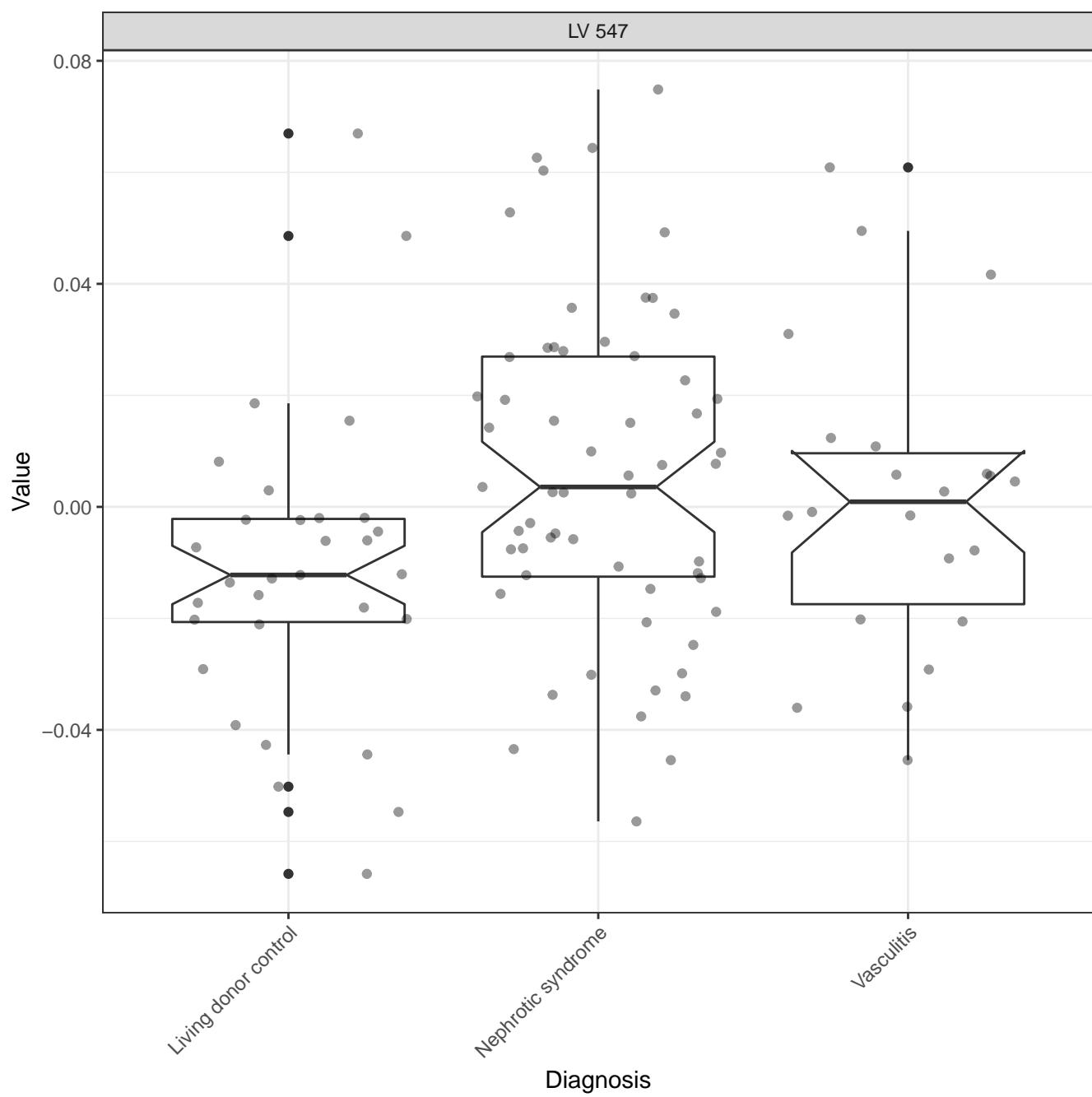
Nephrotic syndrome

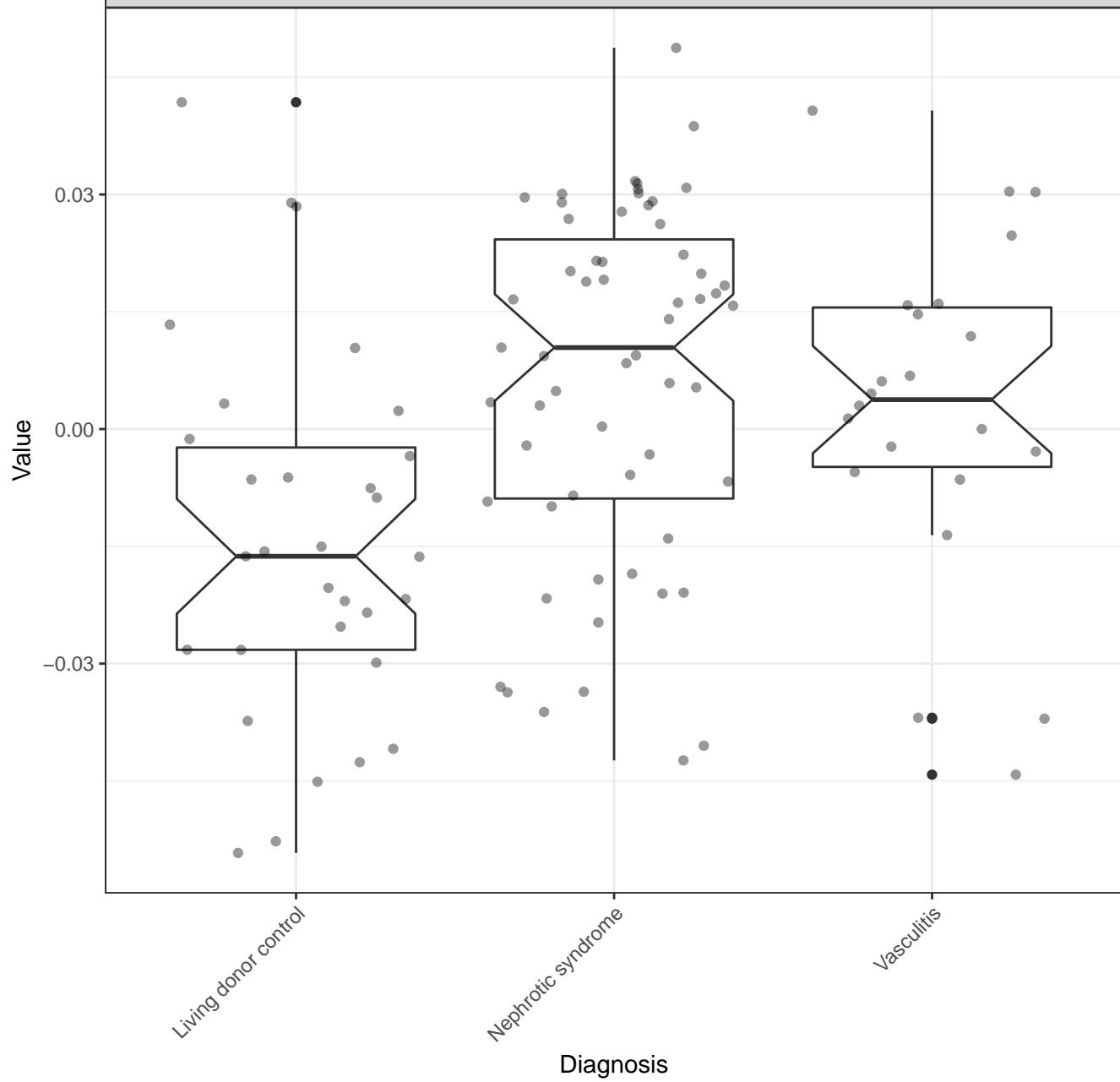
Vasculitis

Diagnosis

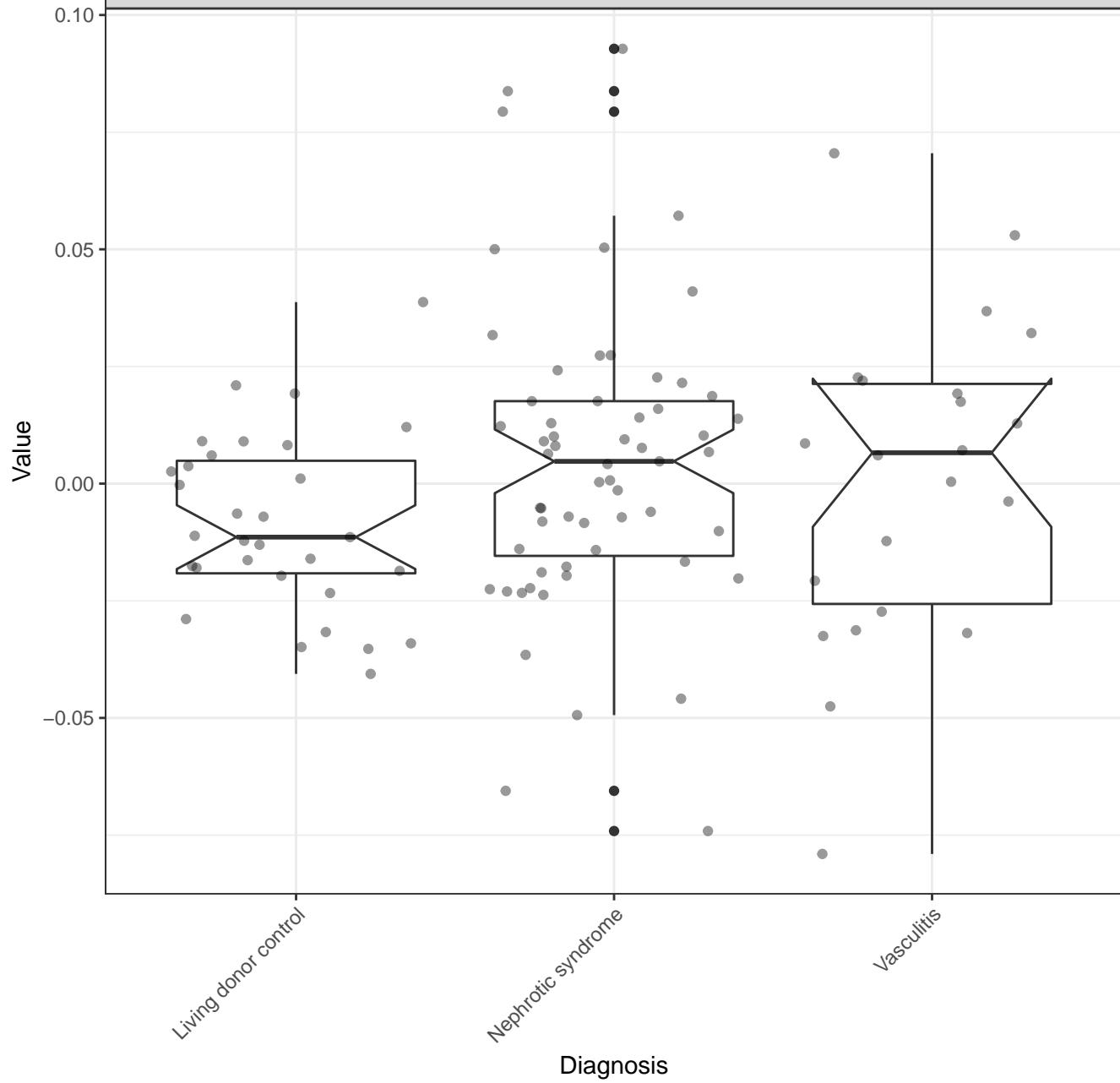


LV 547





LV 549



Value

0.05

0.00

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

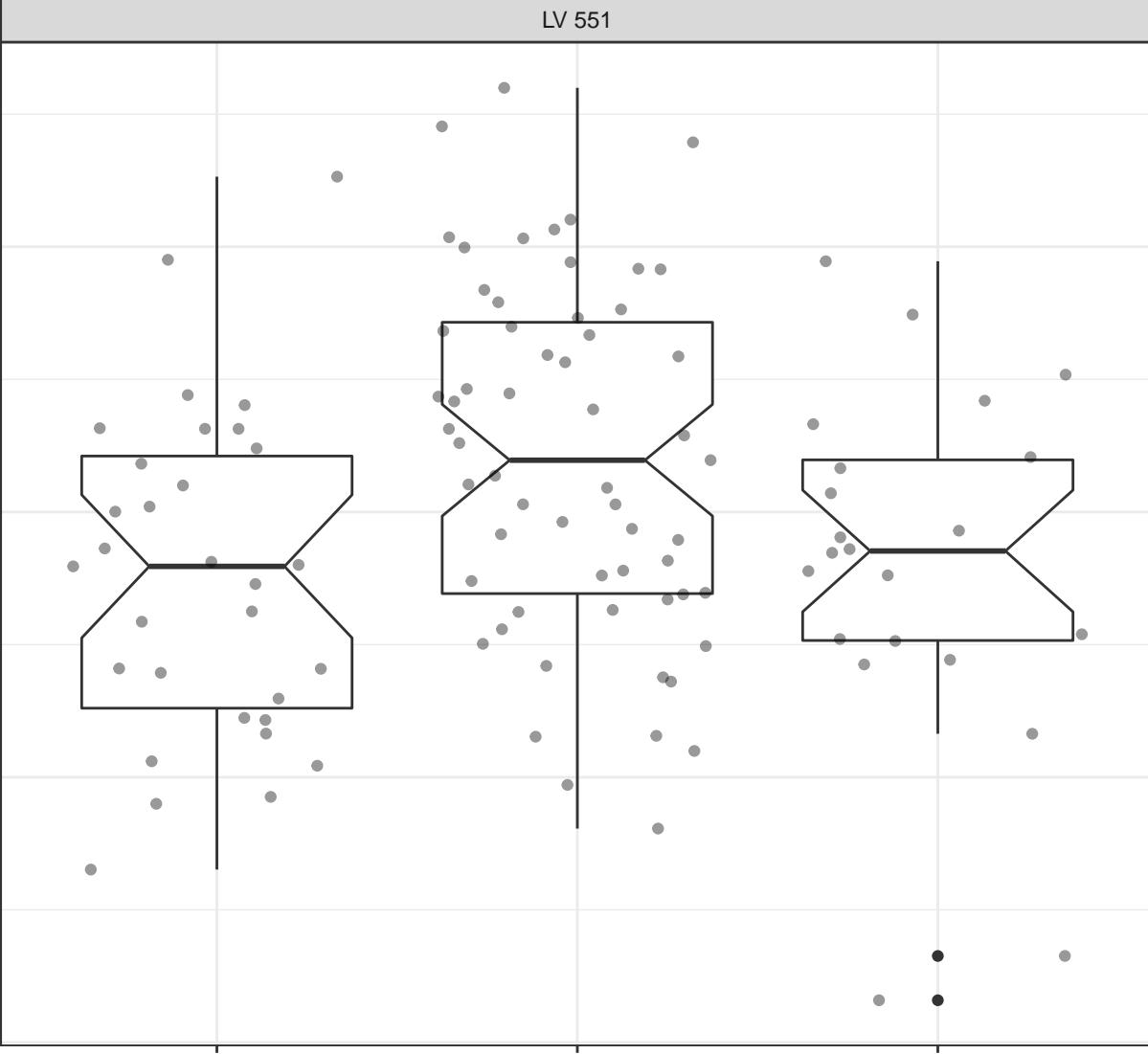
0.05  
0.00  
-0.05  
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.01

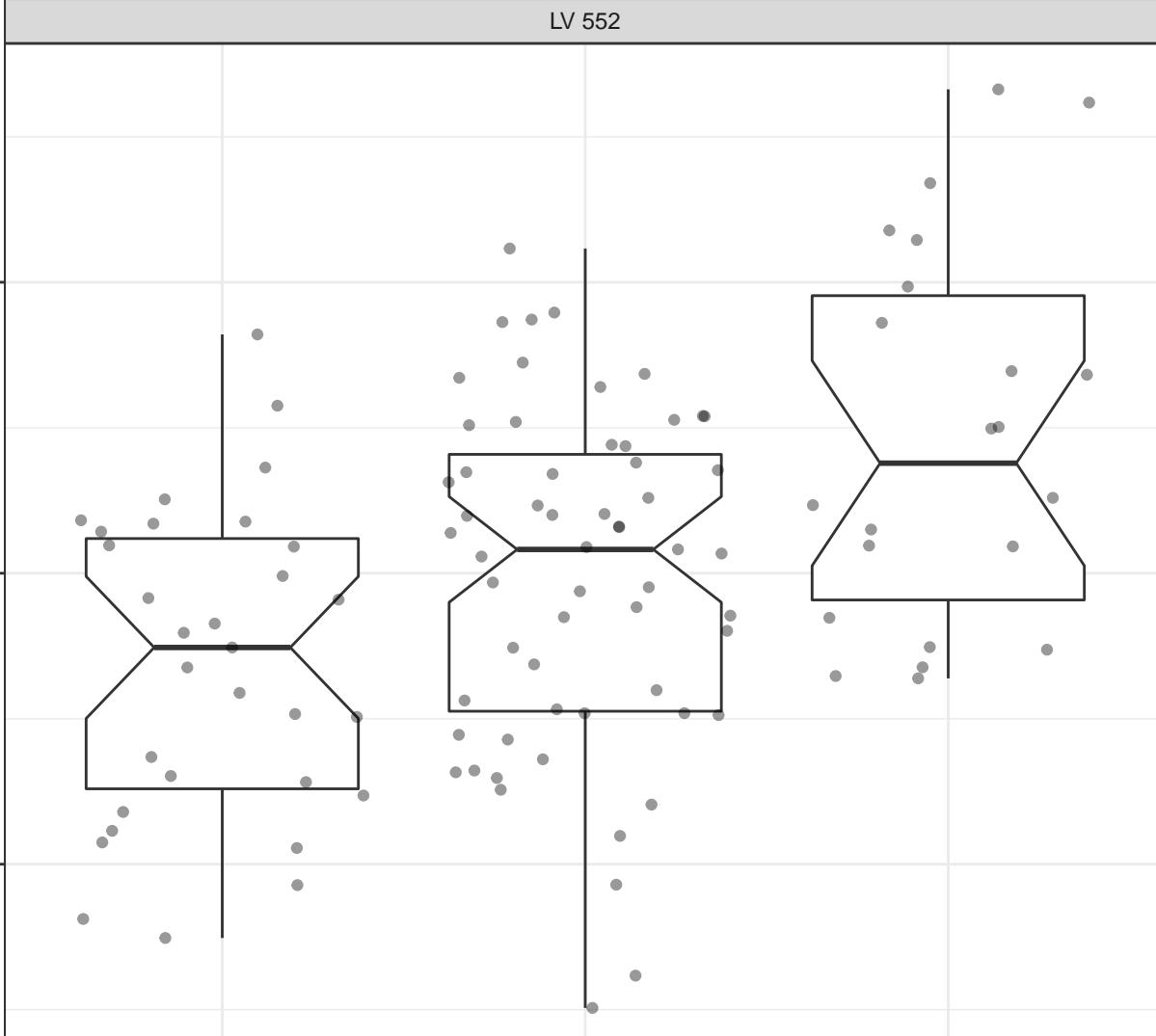
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.10

0.05

0.00

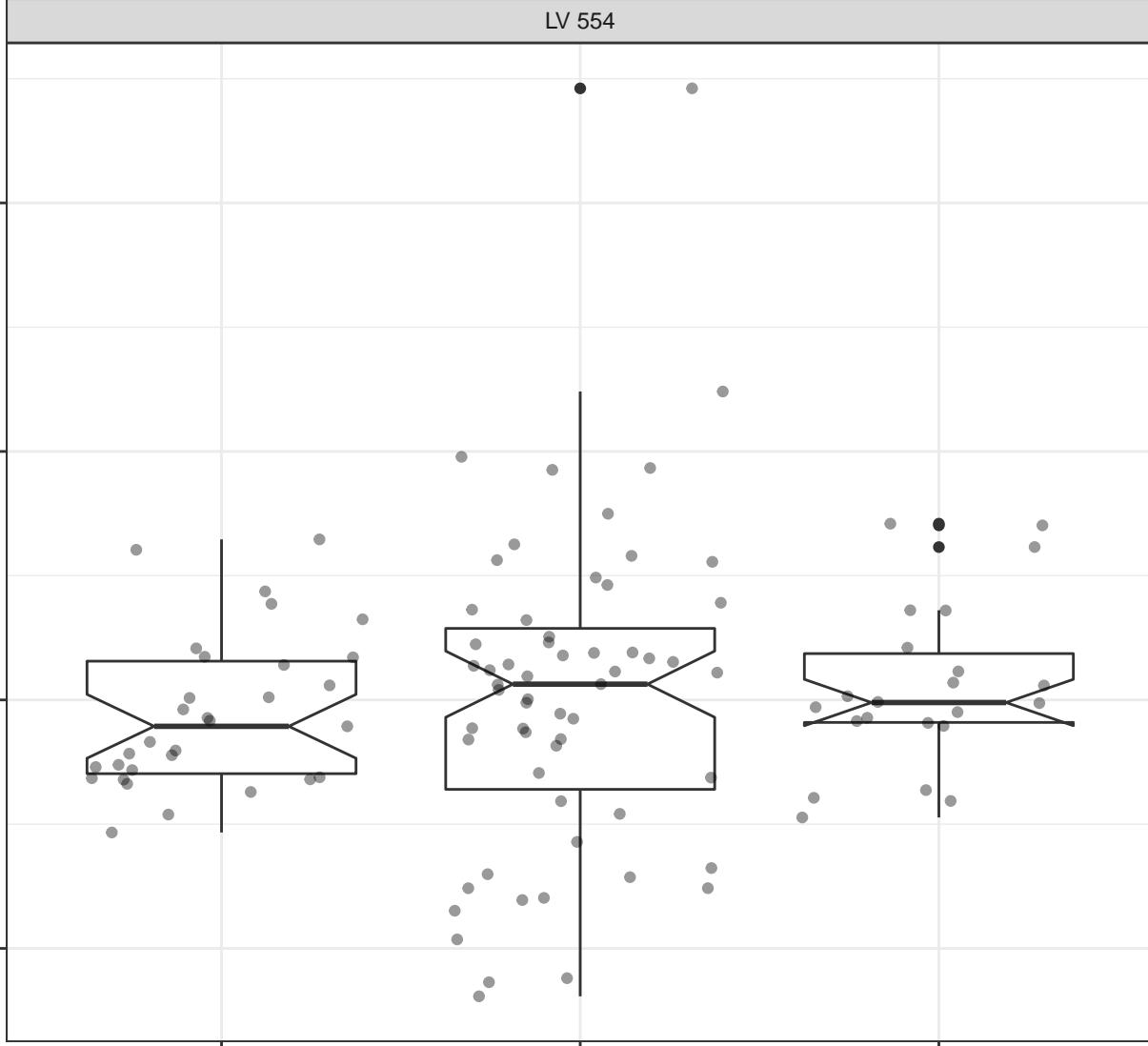
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 555

Value

0.05

0.00

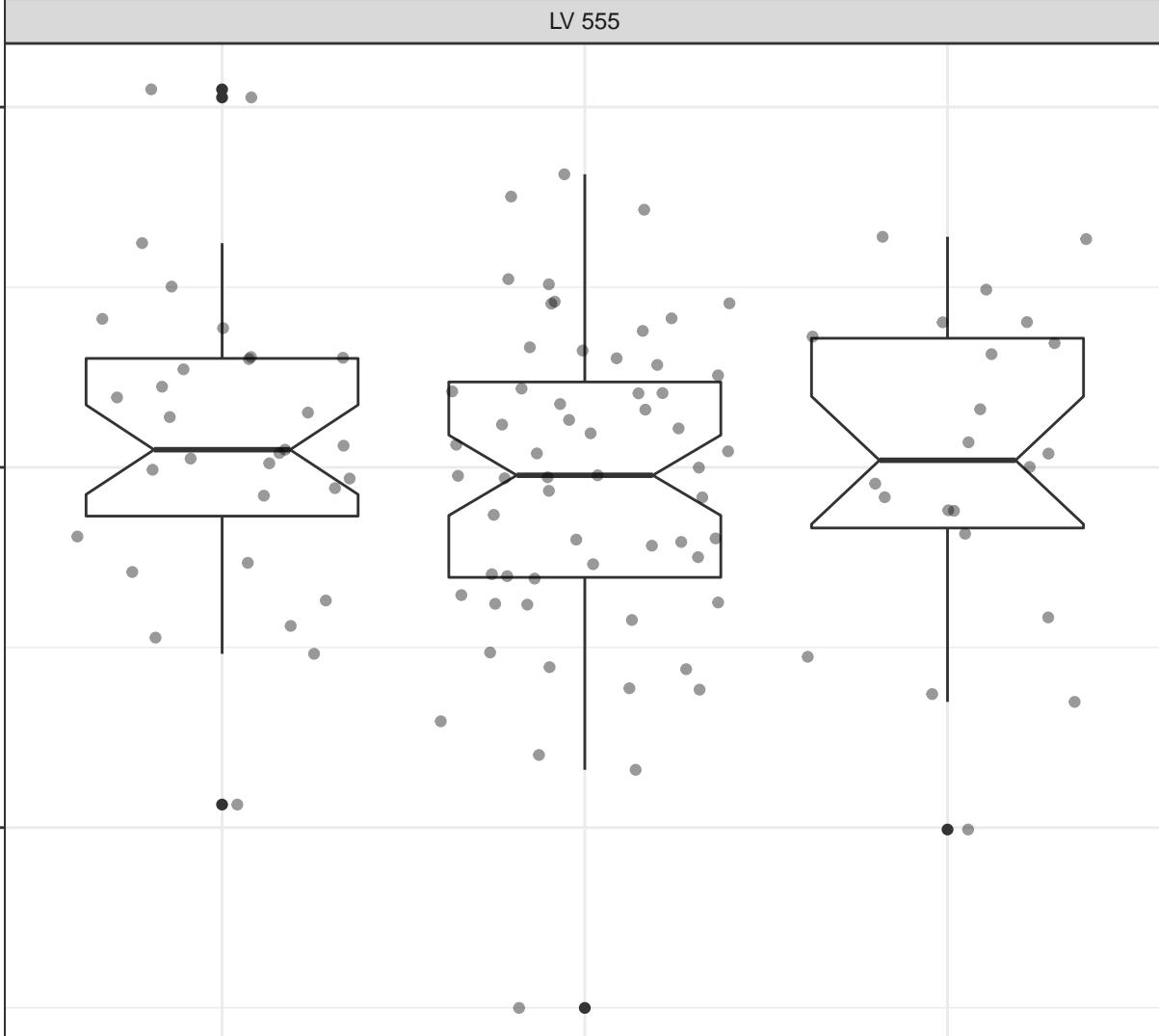
-0.05

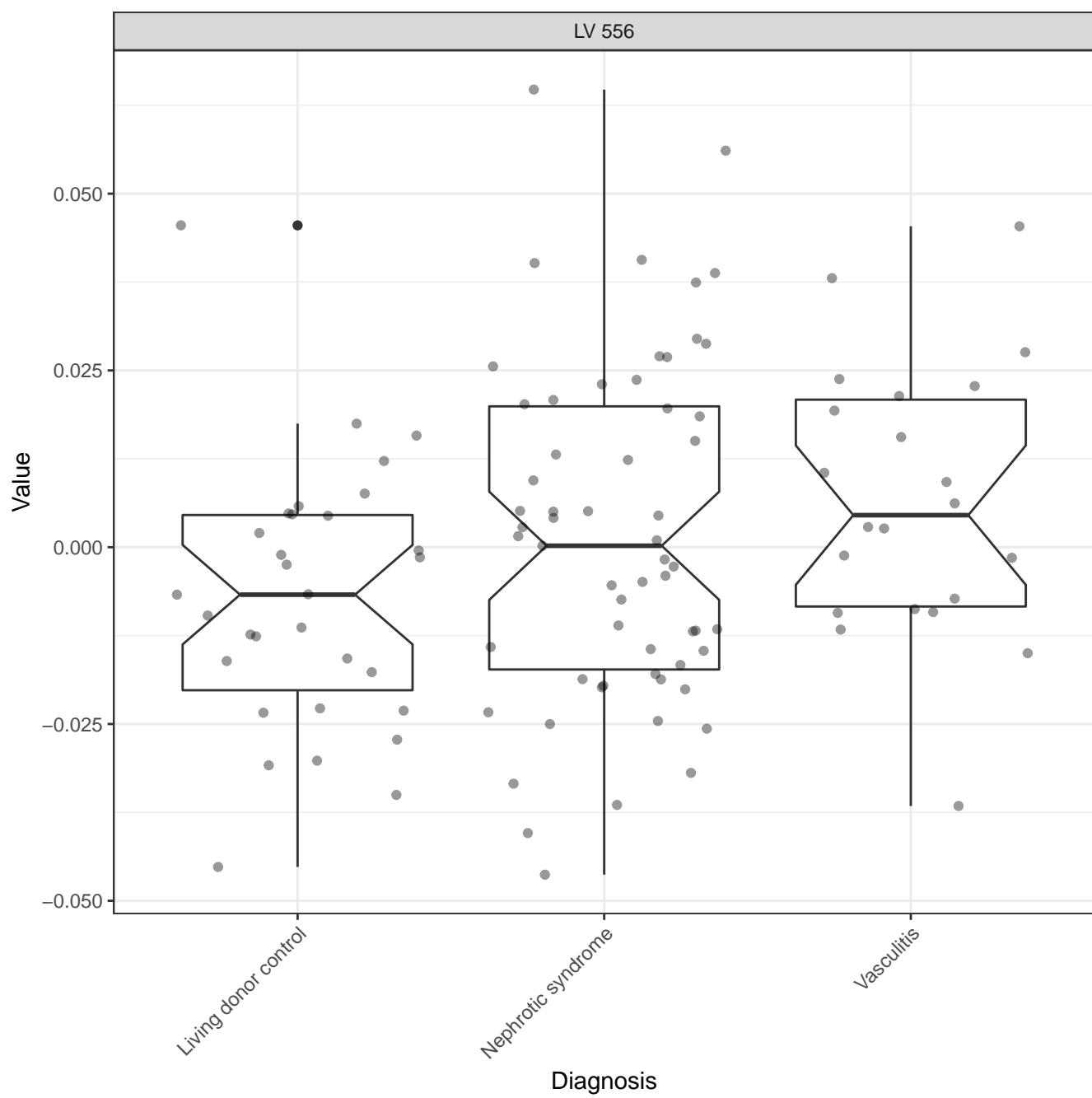
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





### 557,SVM Dendritic cells resting

Value

0.10

0.05

0.00

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.04

0.00

-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 559

Value

0.05

0.01

-0.05

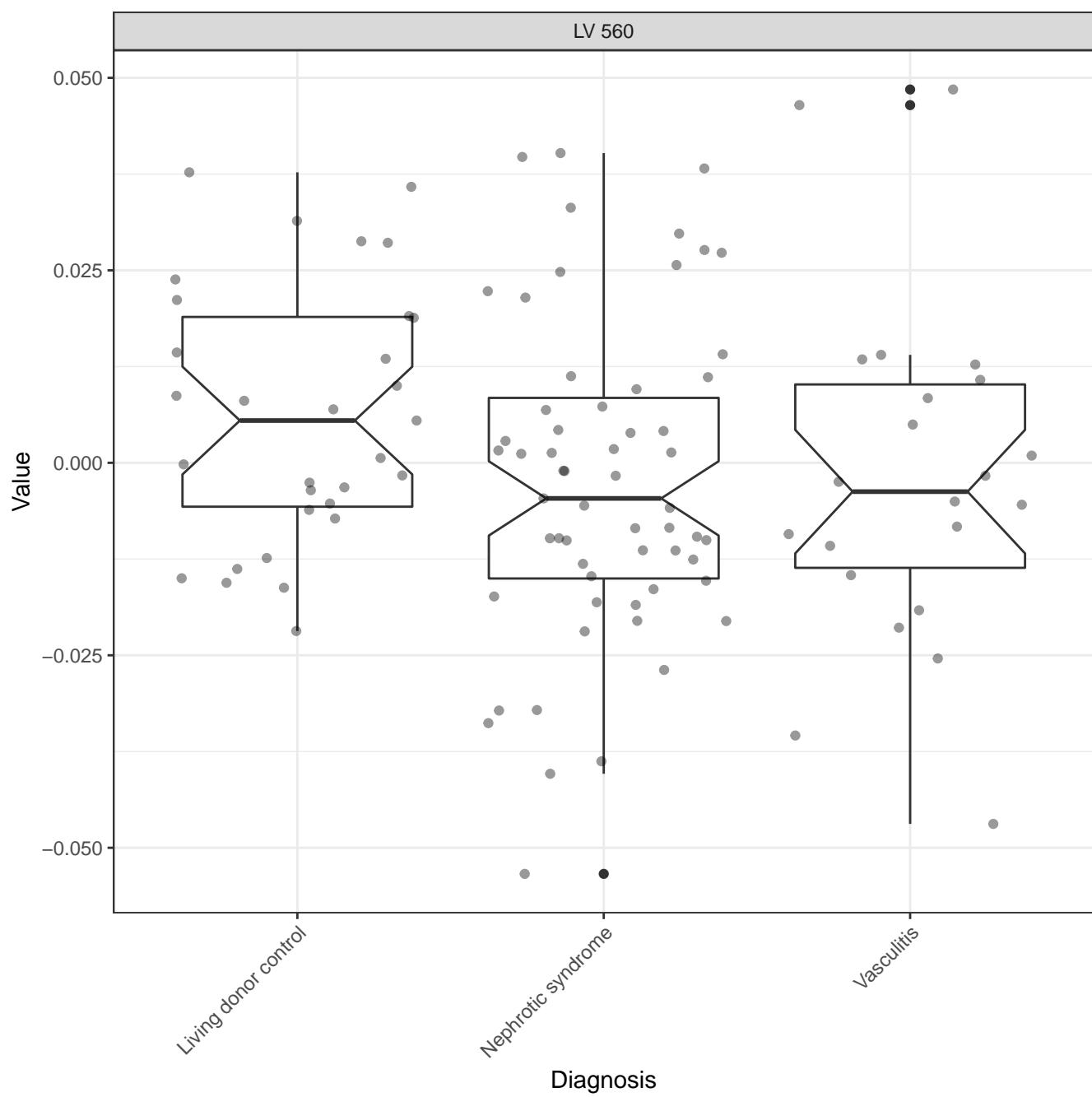
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 560



Value

0.05

0.00

-0.05

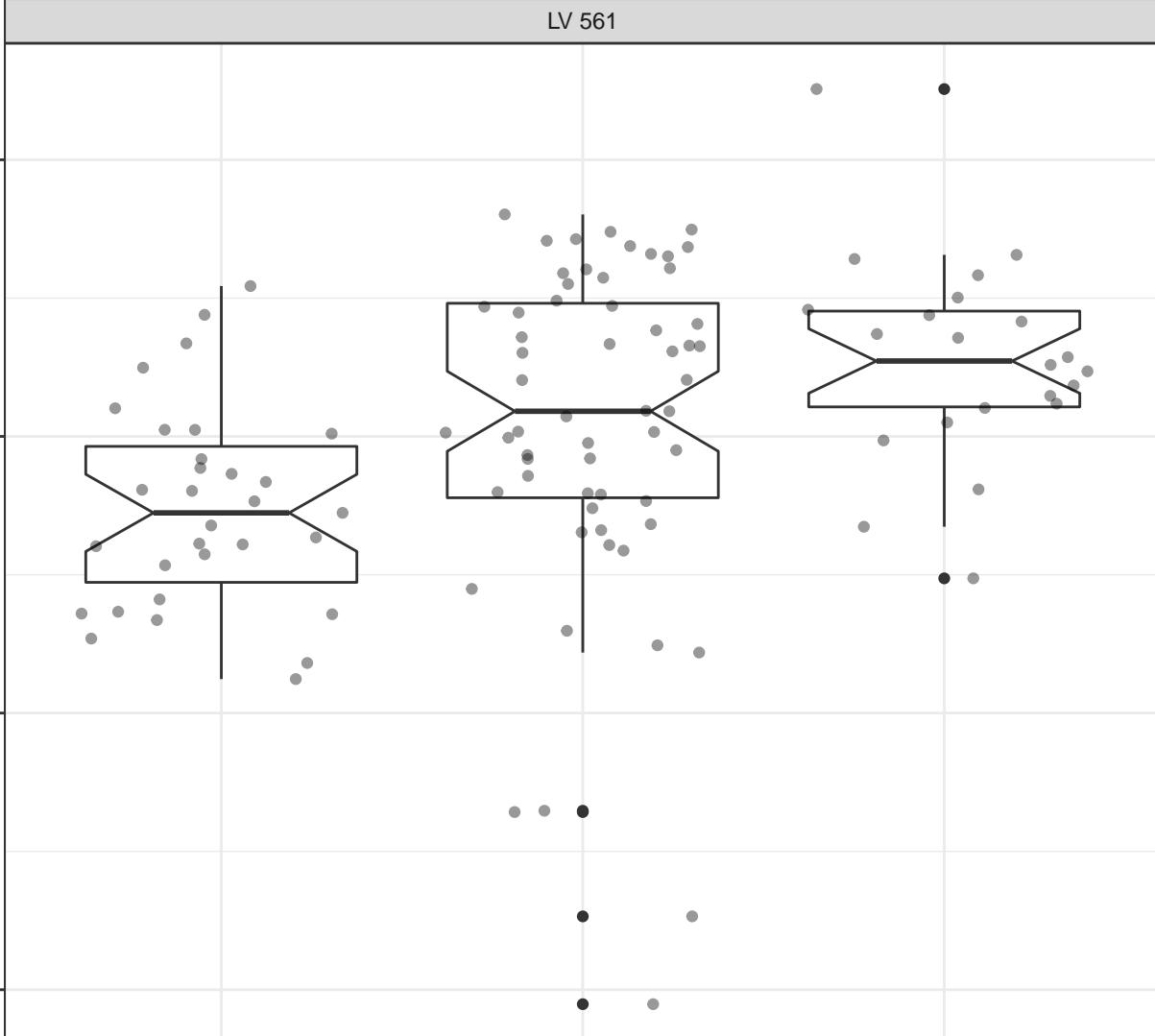
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

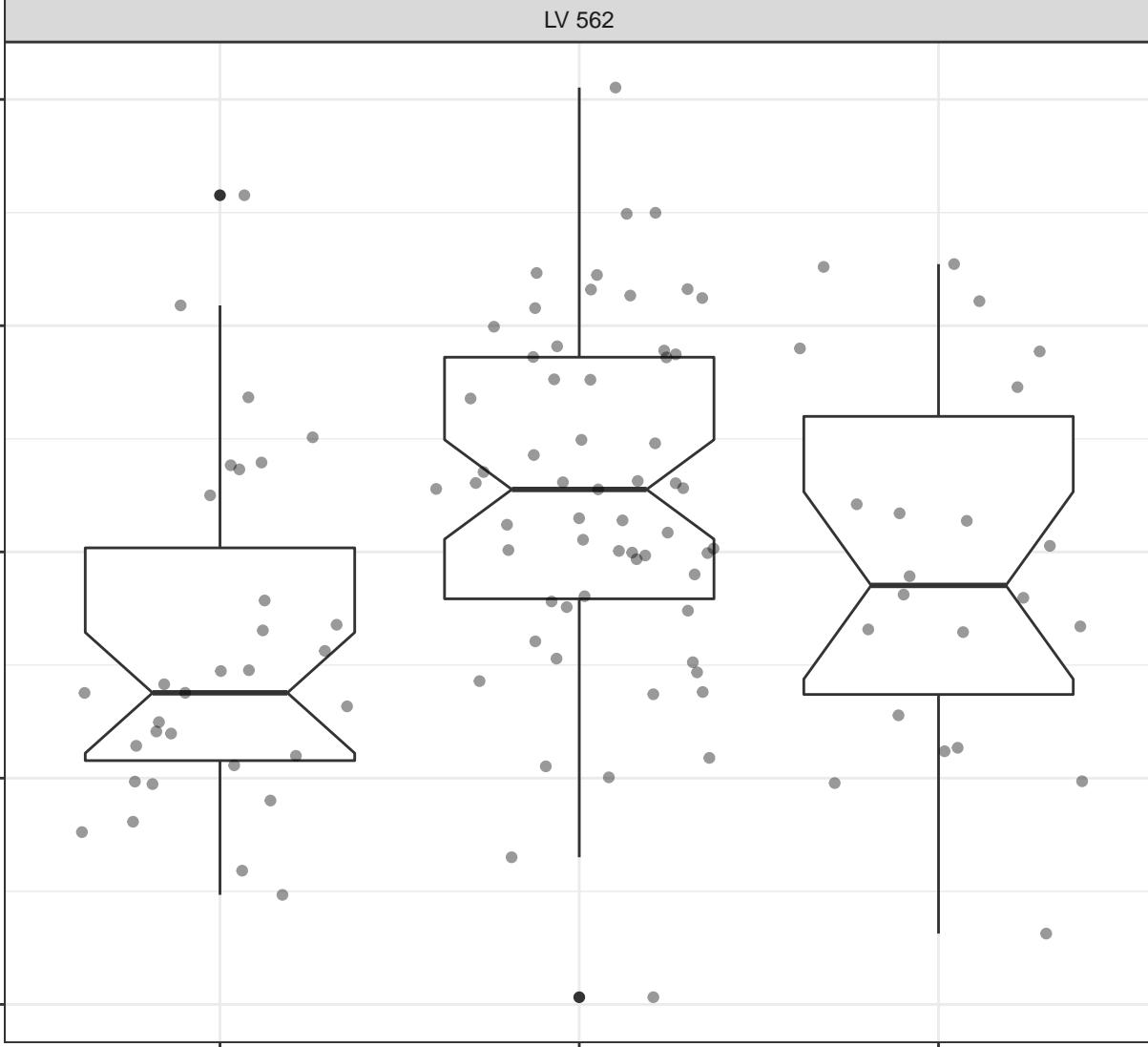
0.04  
0.02  
0.00  
-0.02  
-0.04

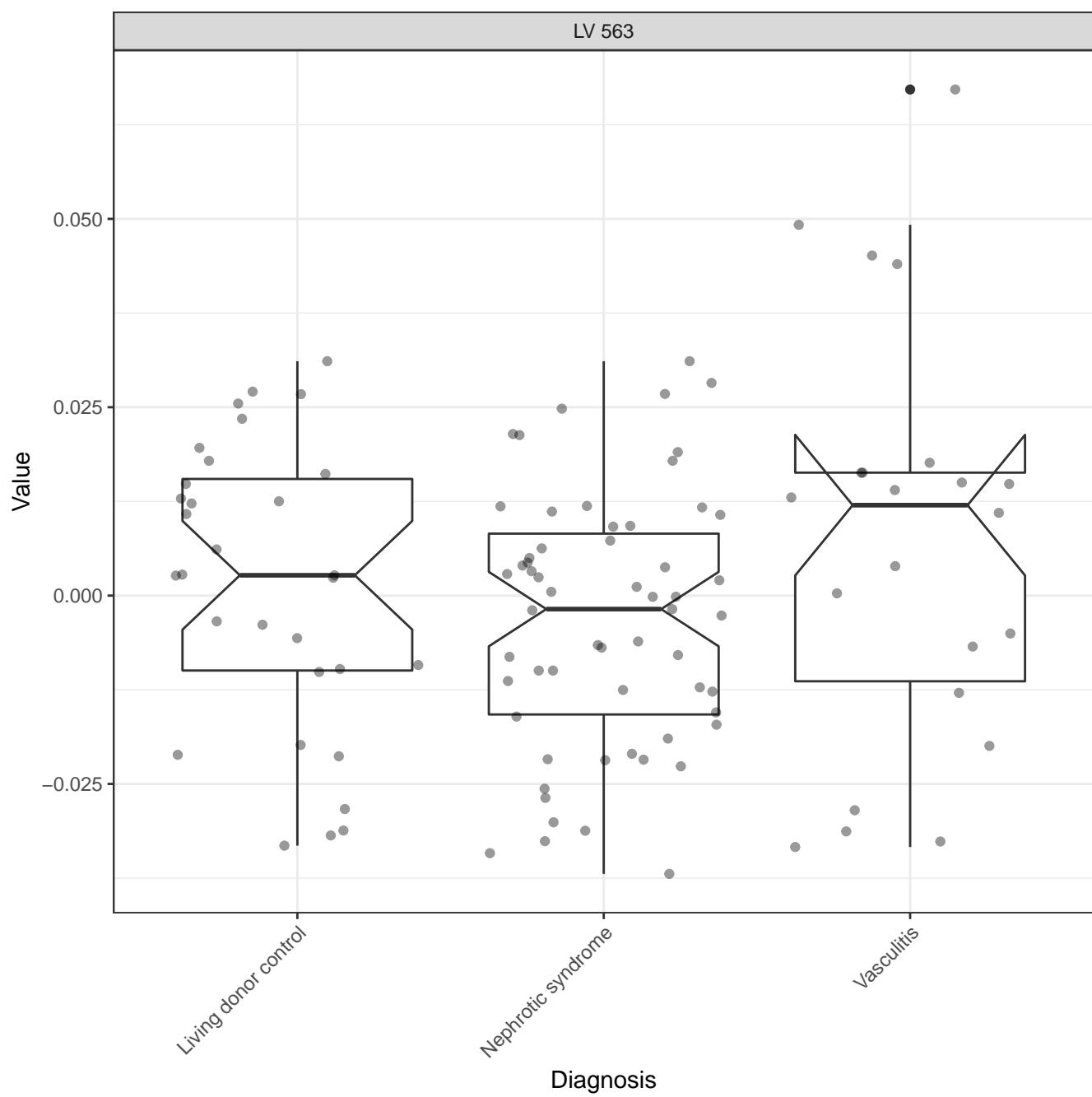
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.10

0.05

0.00

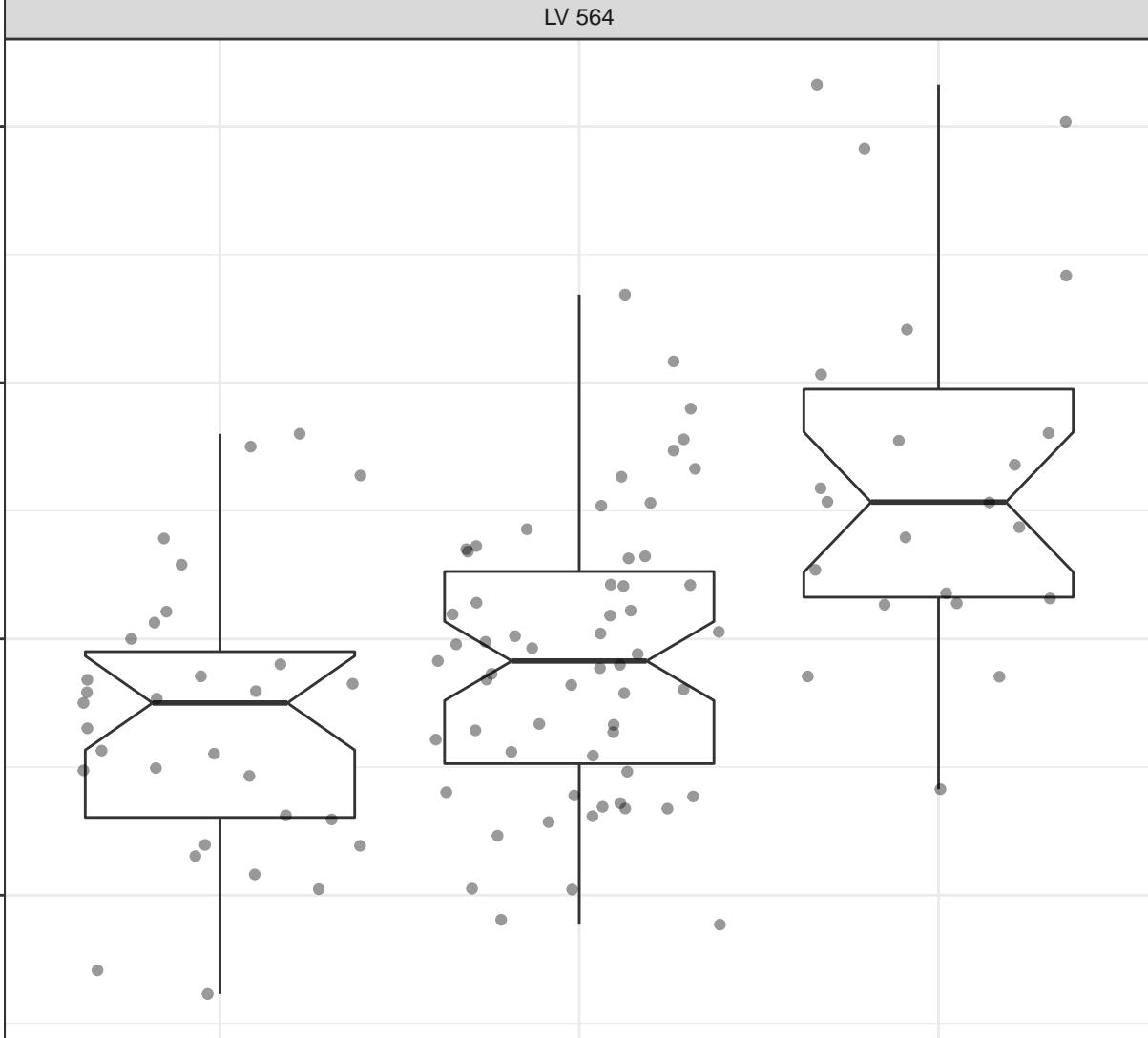
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 565

Value

0.06

0.03

0.00

-0.03

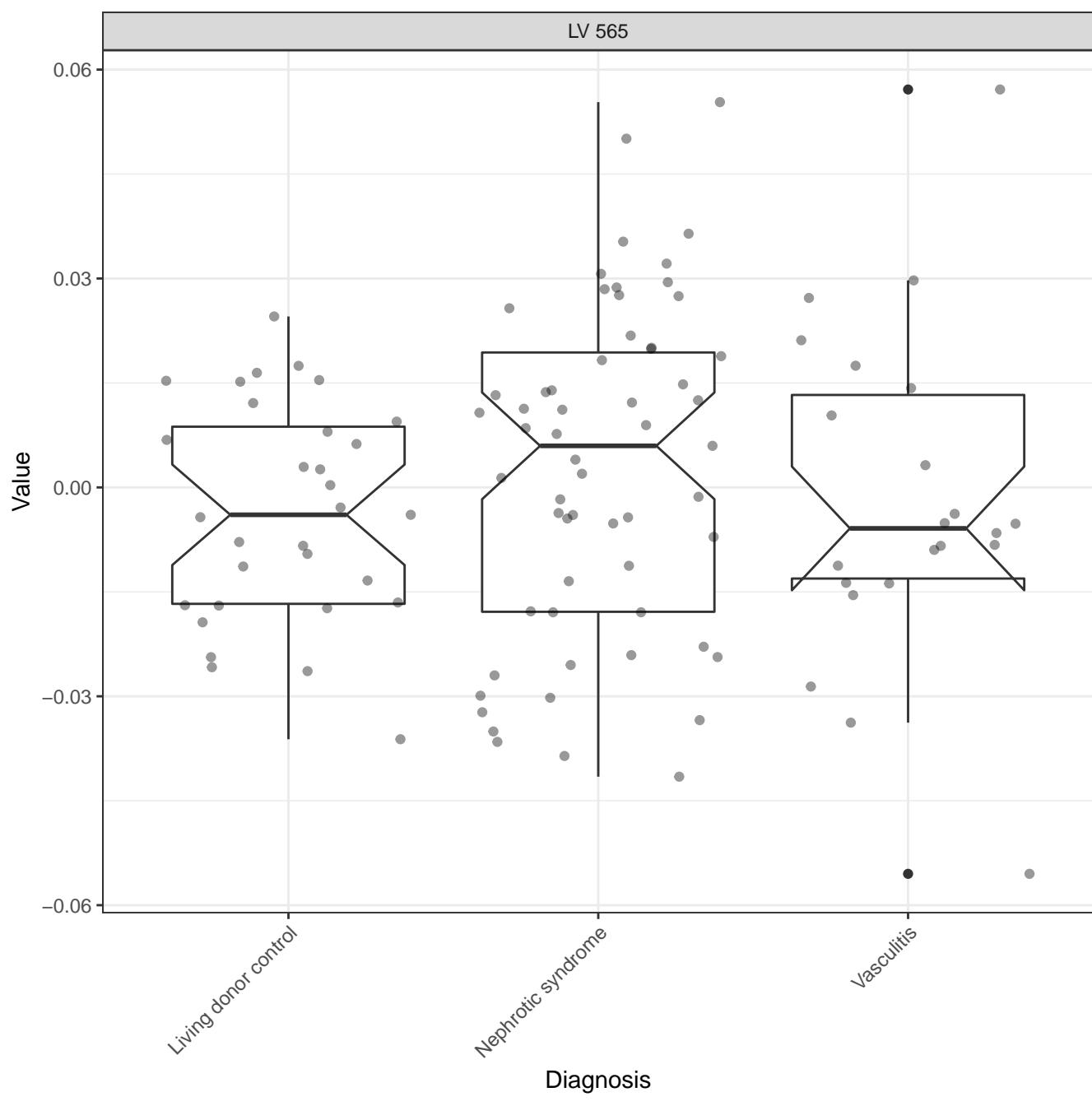
-0.06

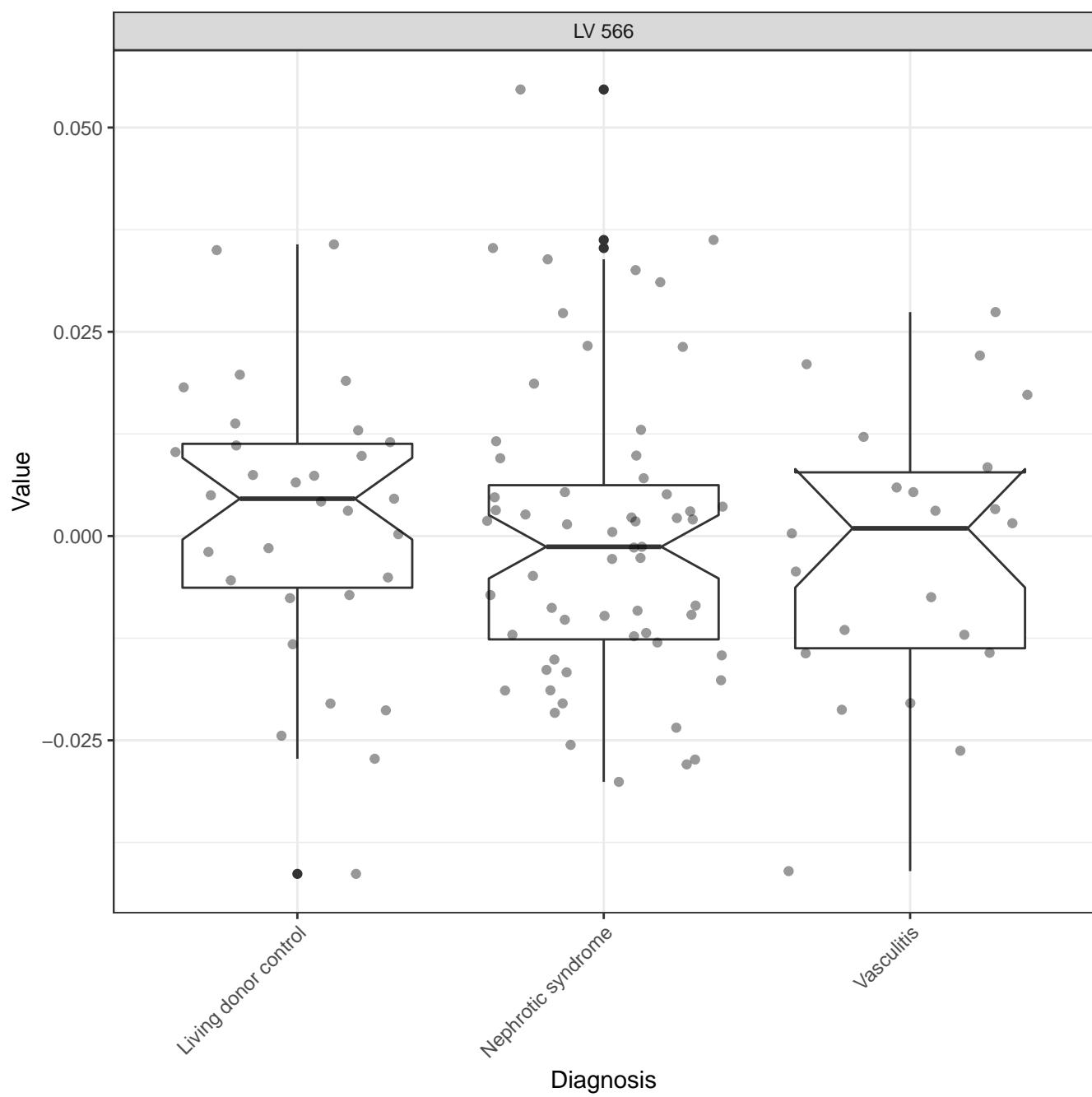
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.05

0.01

-0.05

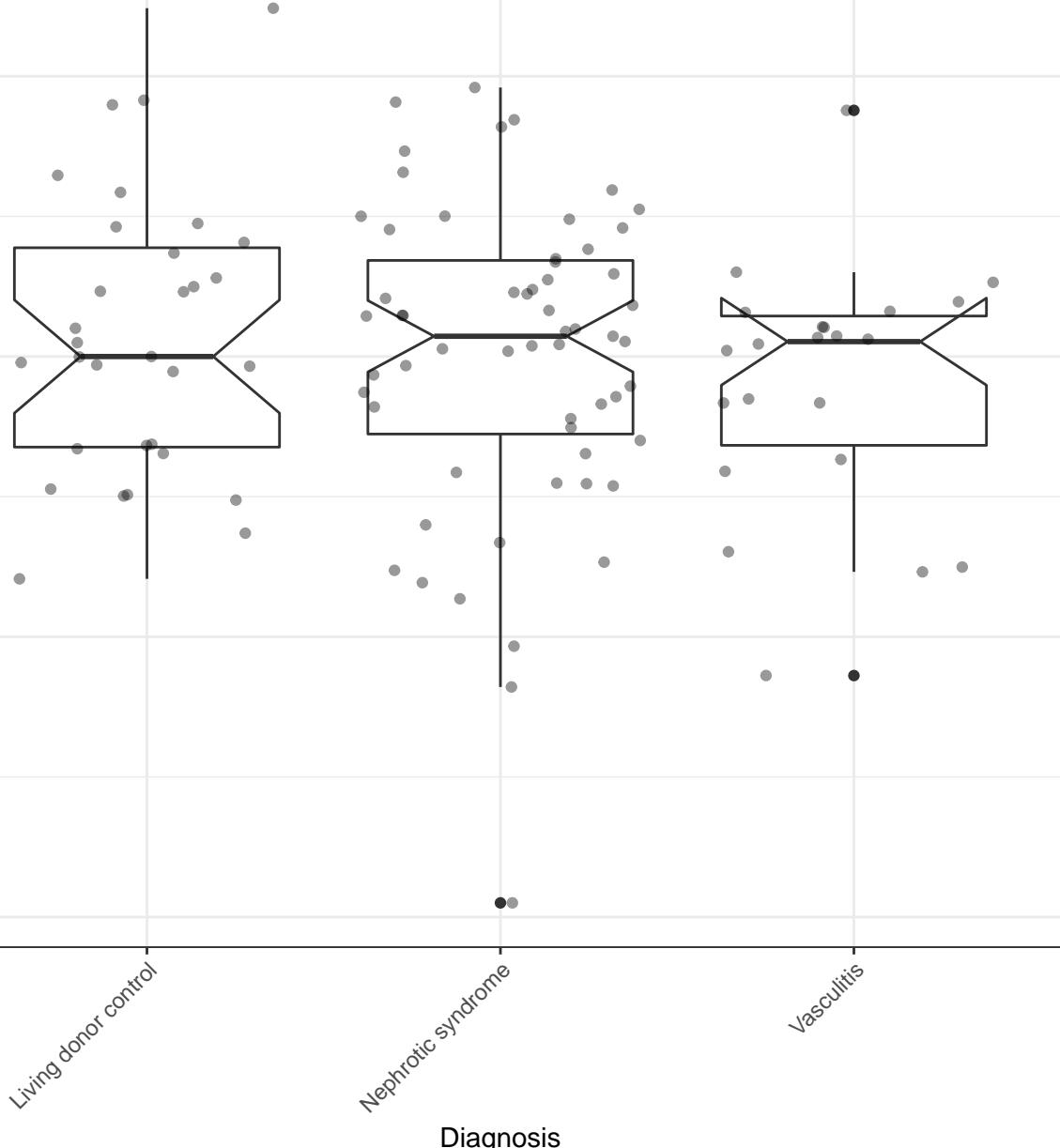
-0.10

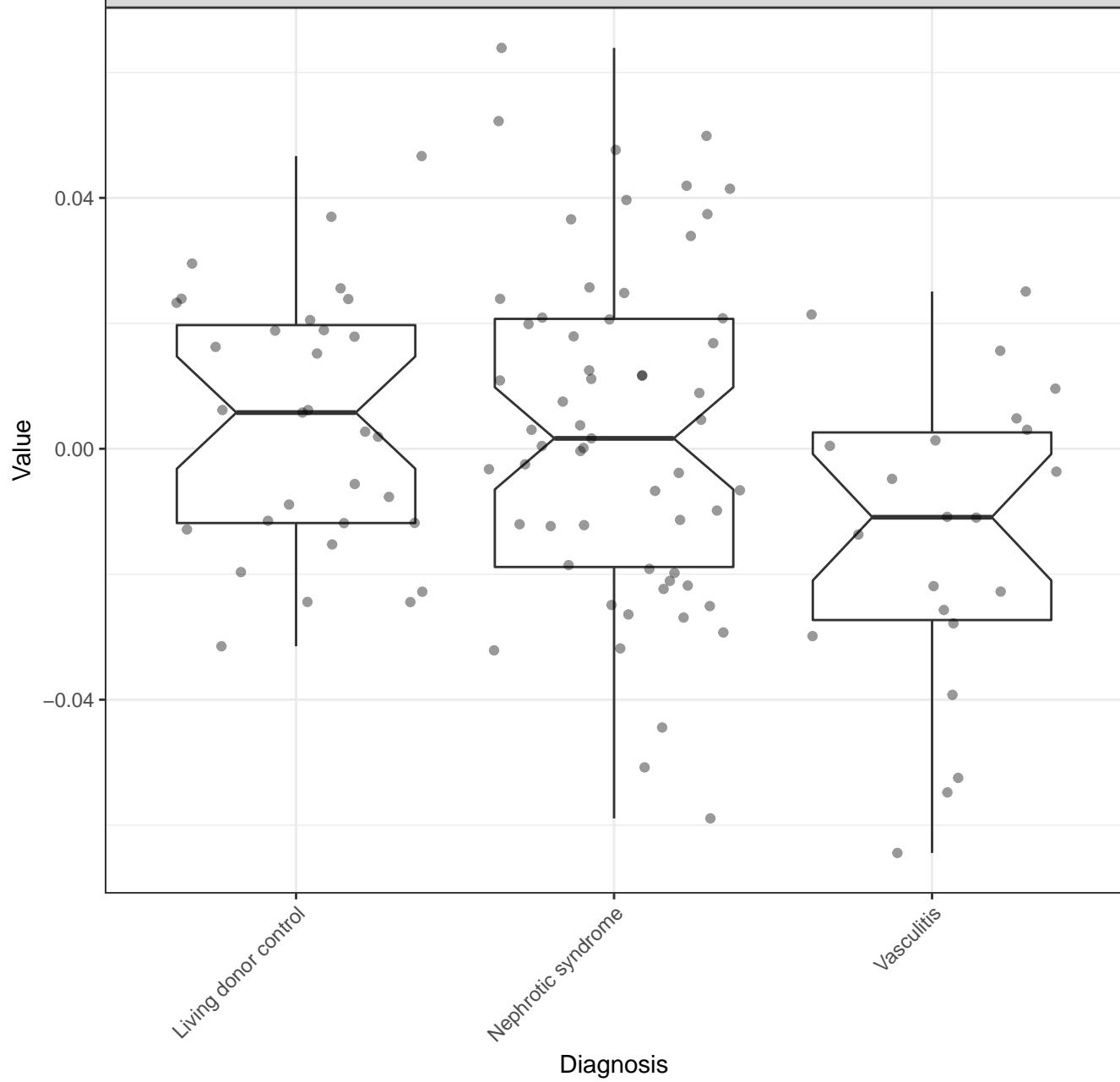
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.05

0.00

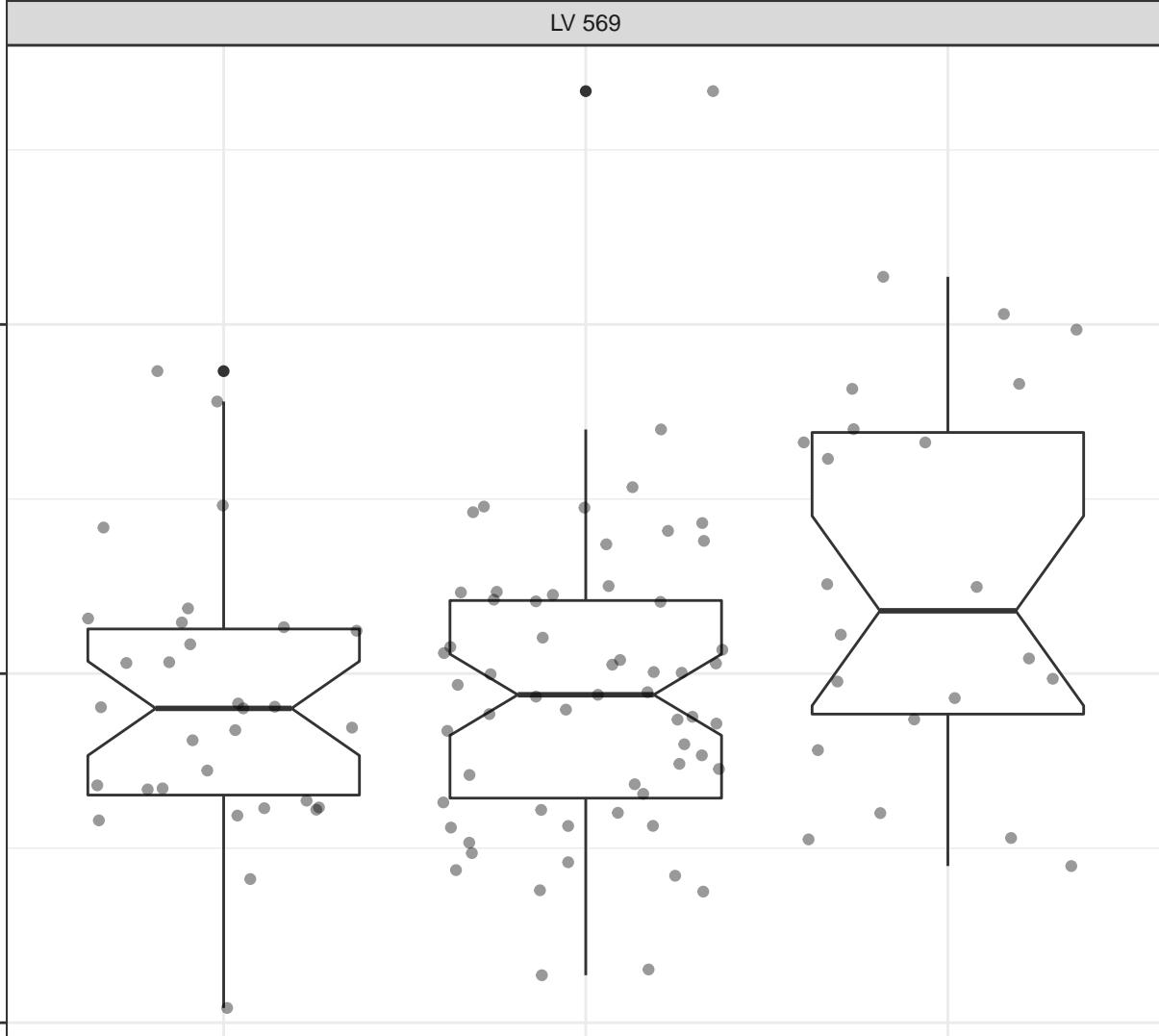
-0.05

Living donor control

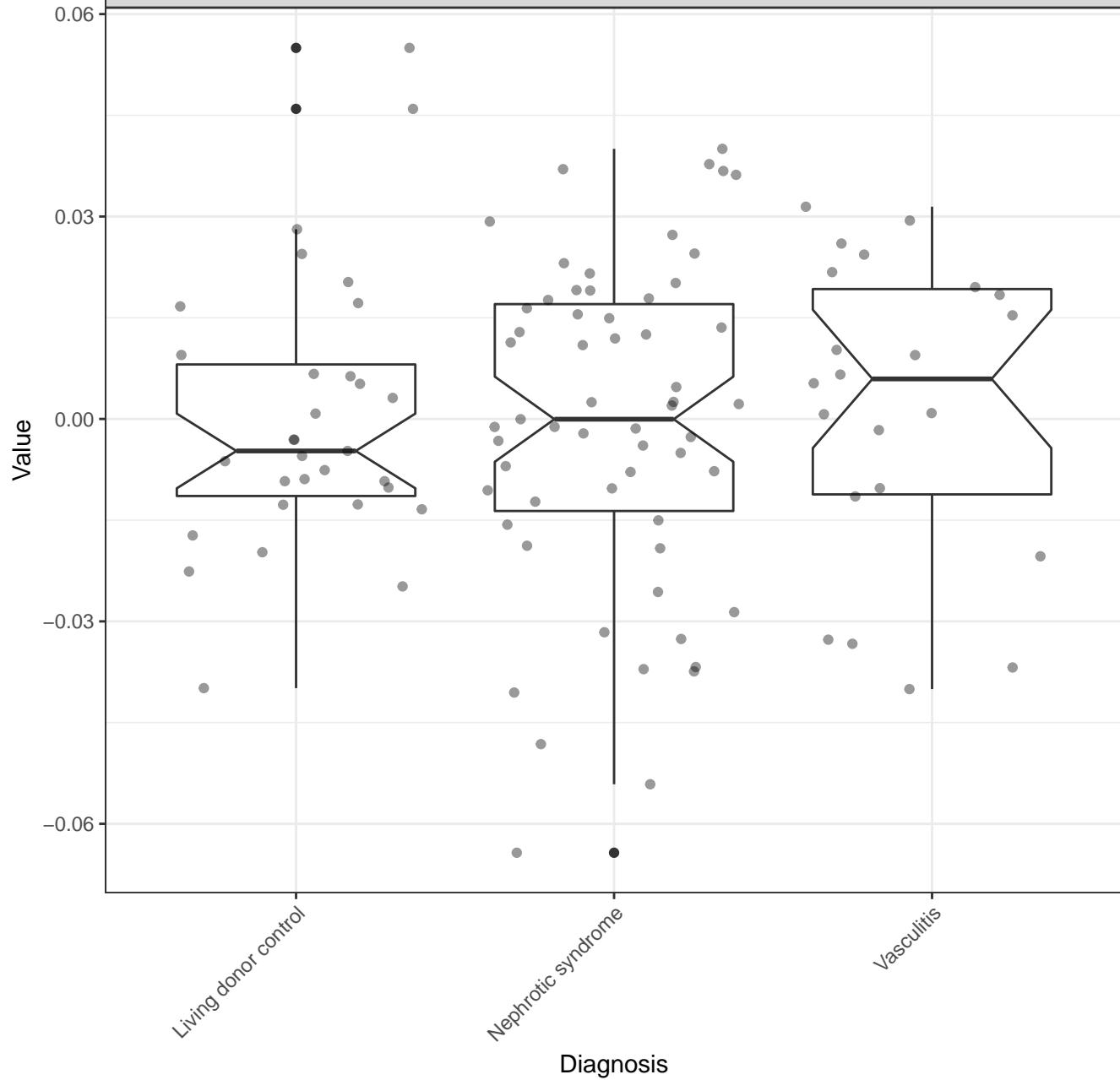
Nephrotic syndrome

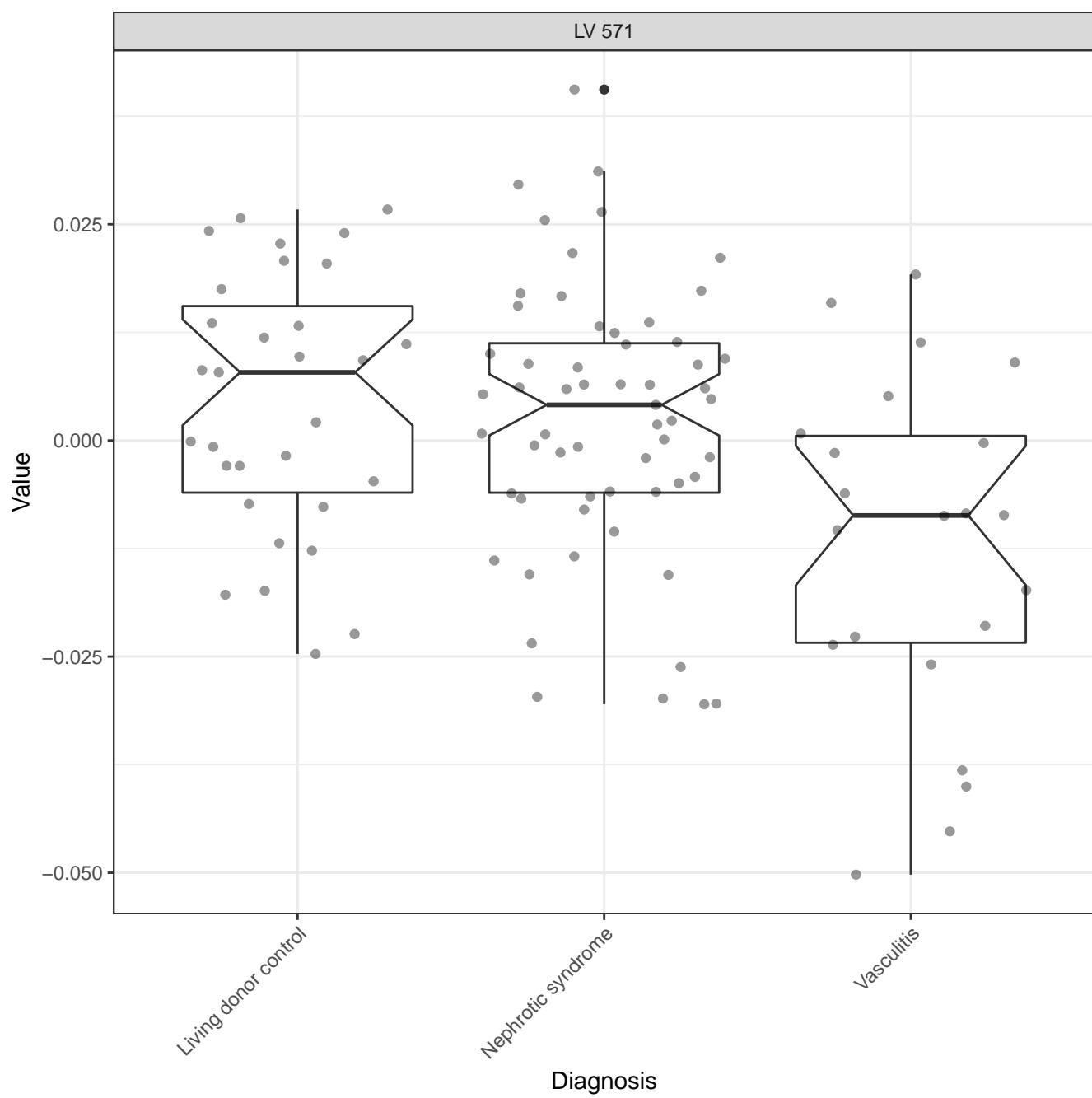
Vasculitis

Diagnosis

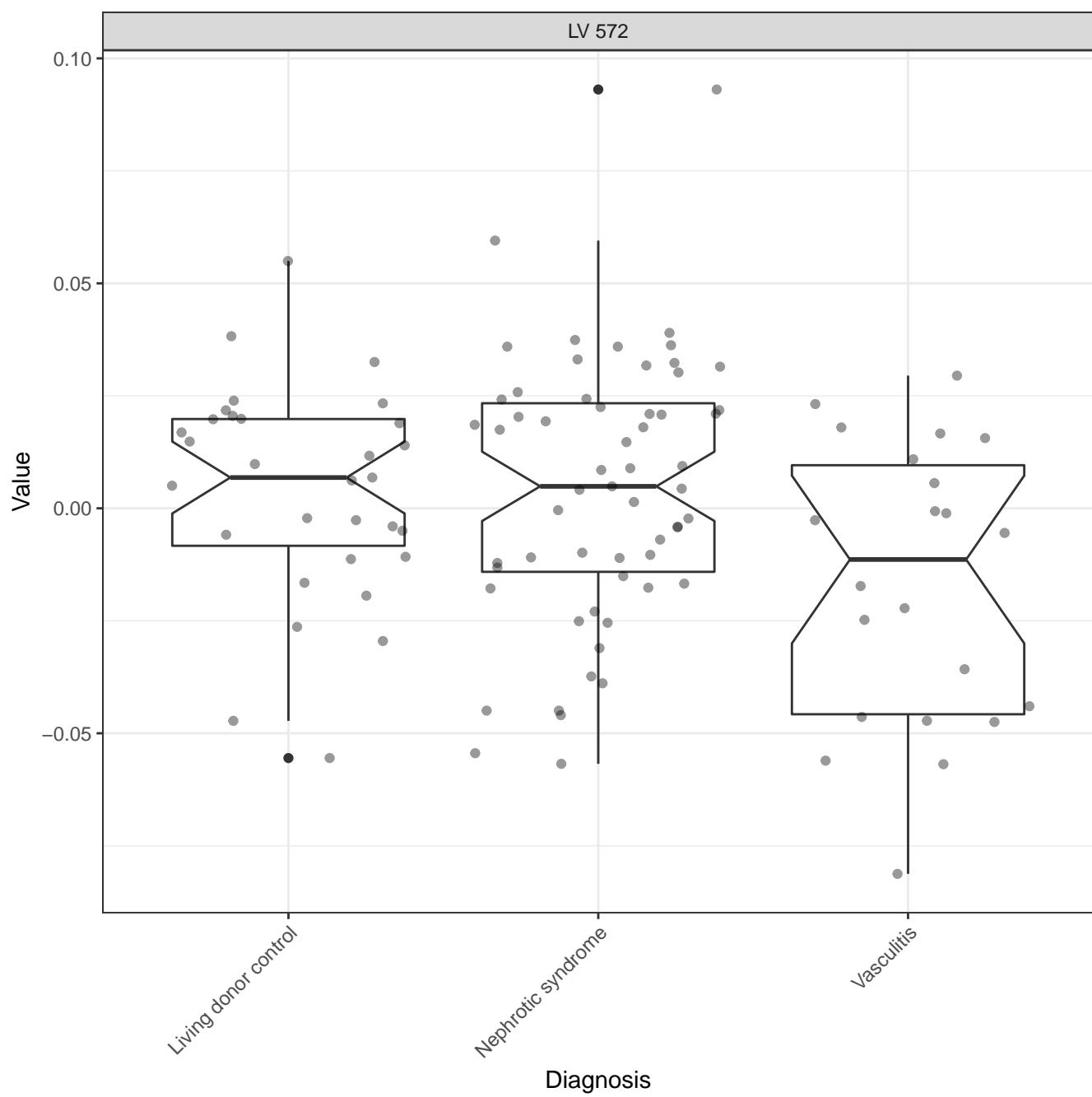


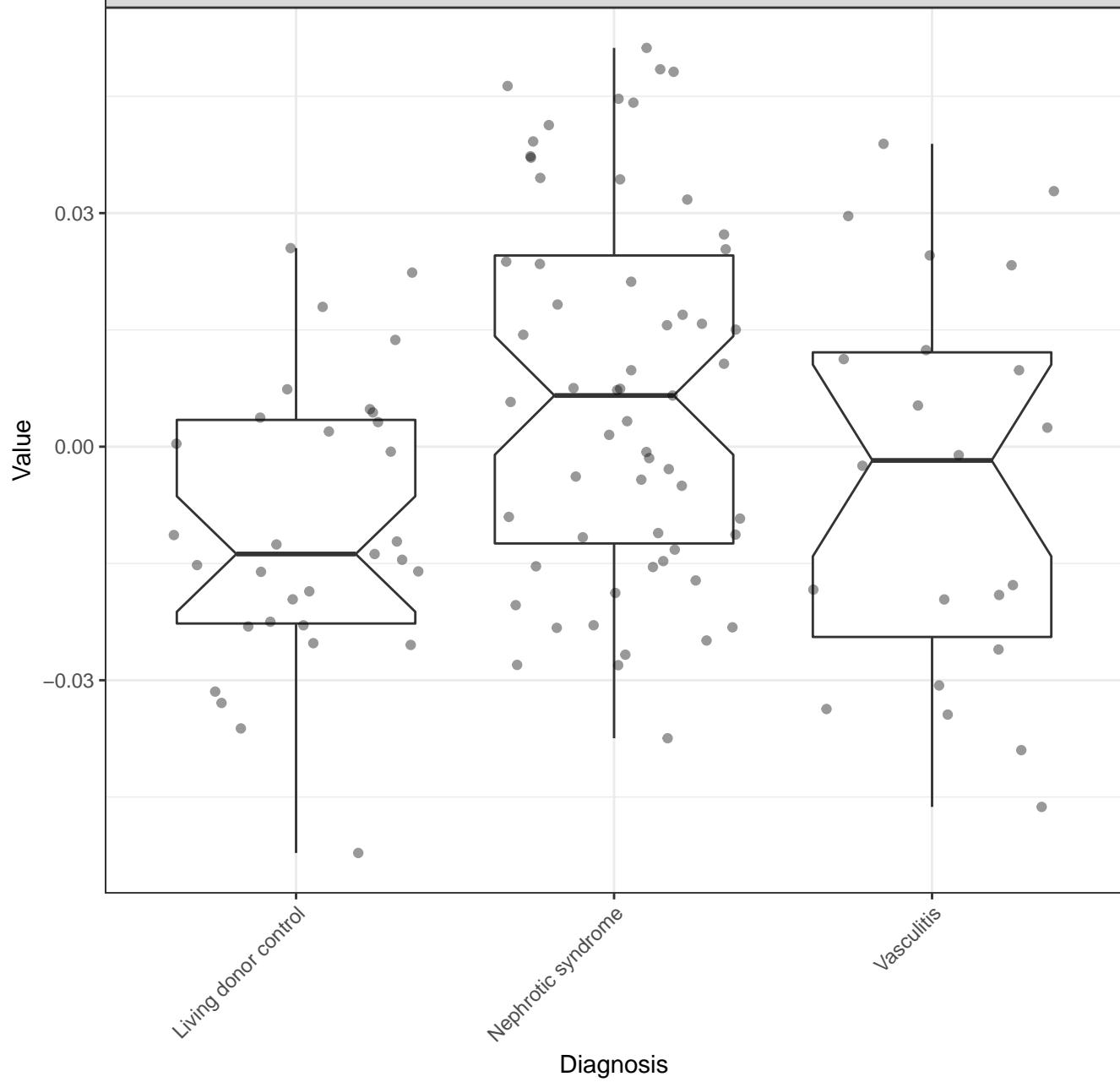
LV 570





LV 572





Value

0.04

0.00

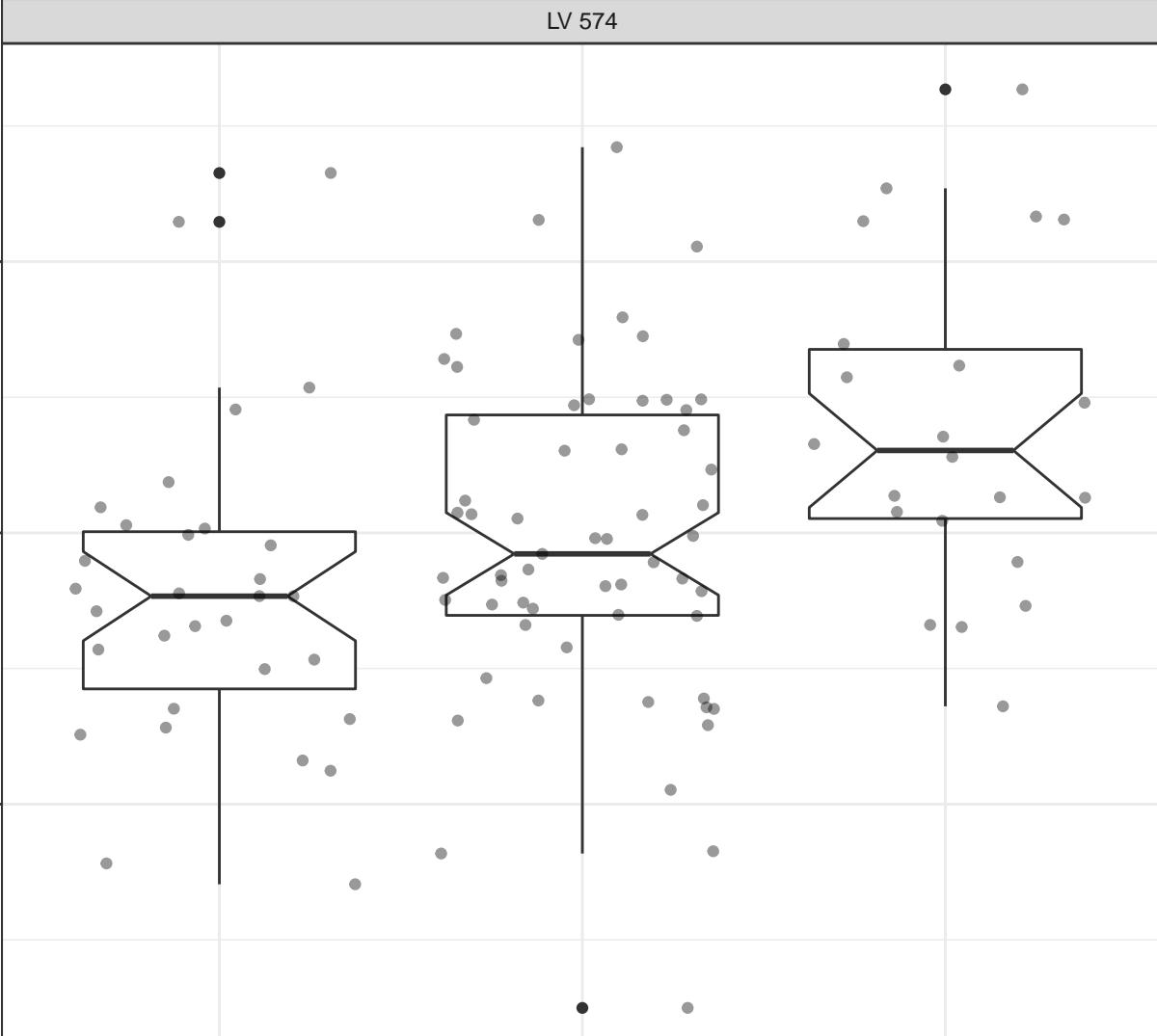
-0.04

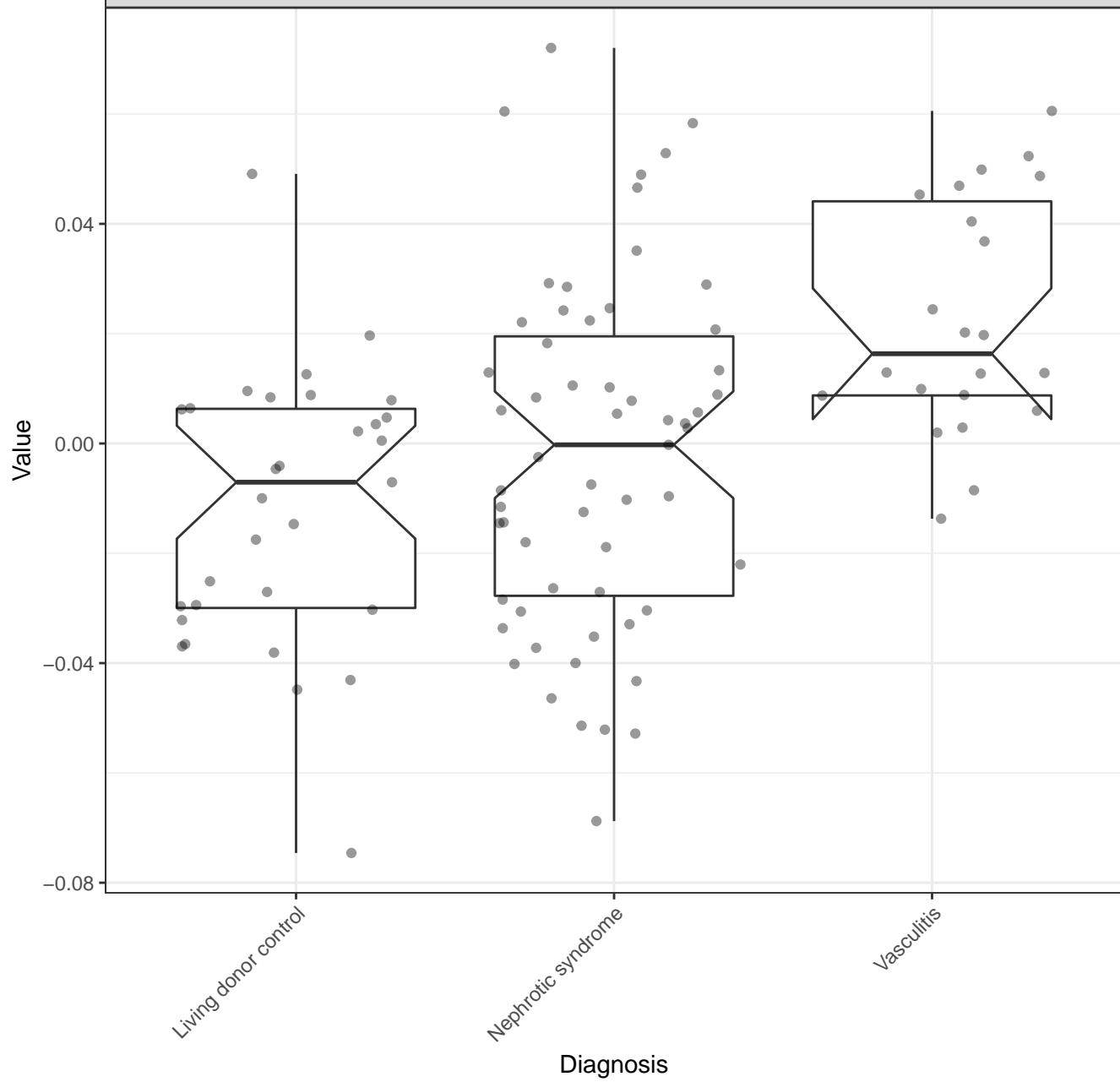
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.04

0.01

-0.04

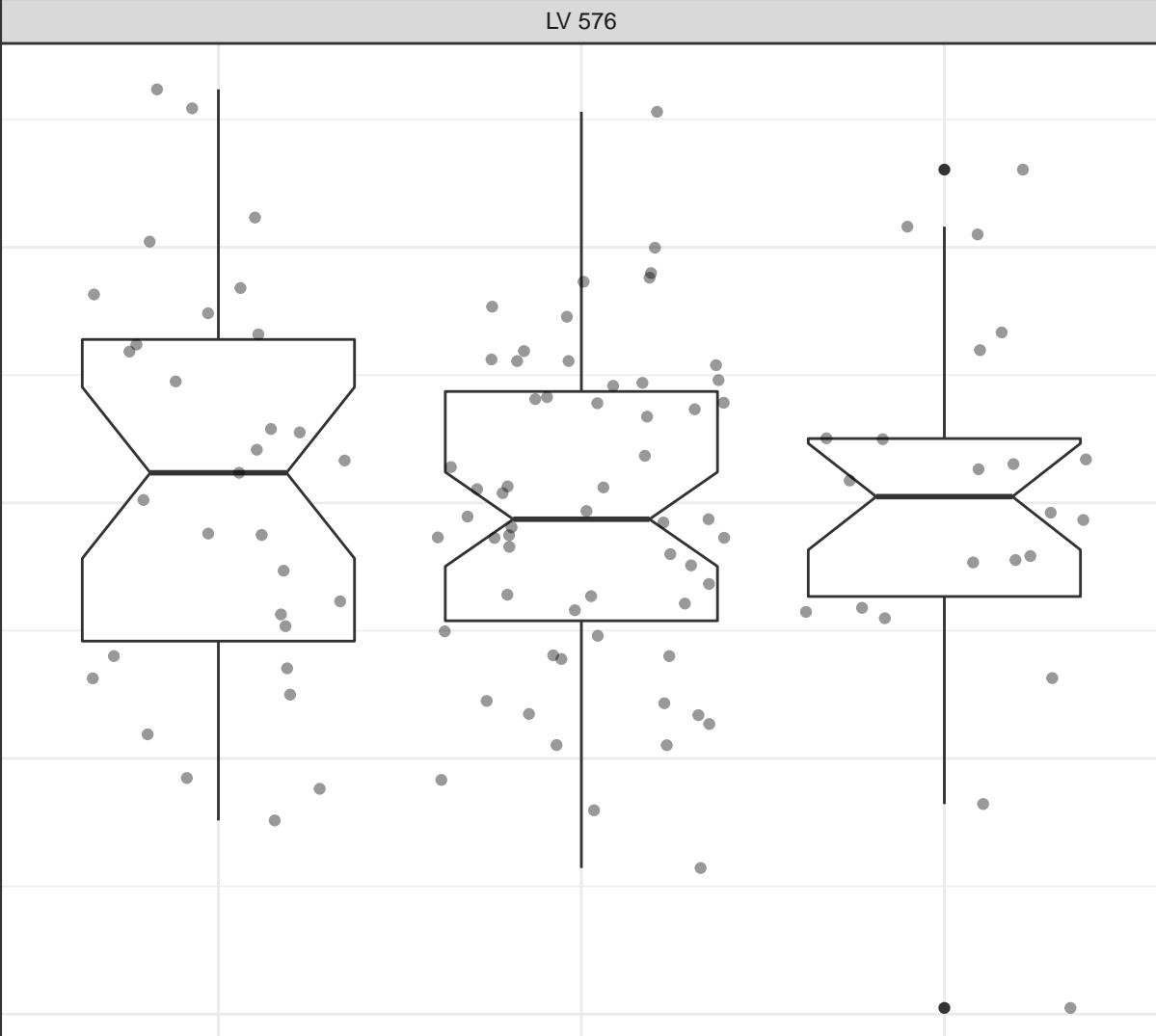
-0.08

Living donor control

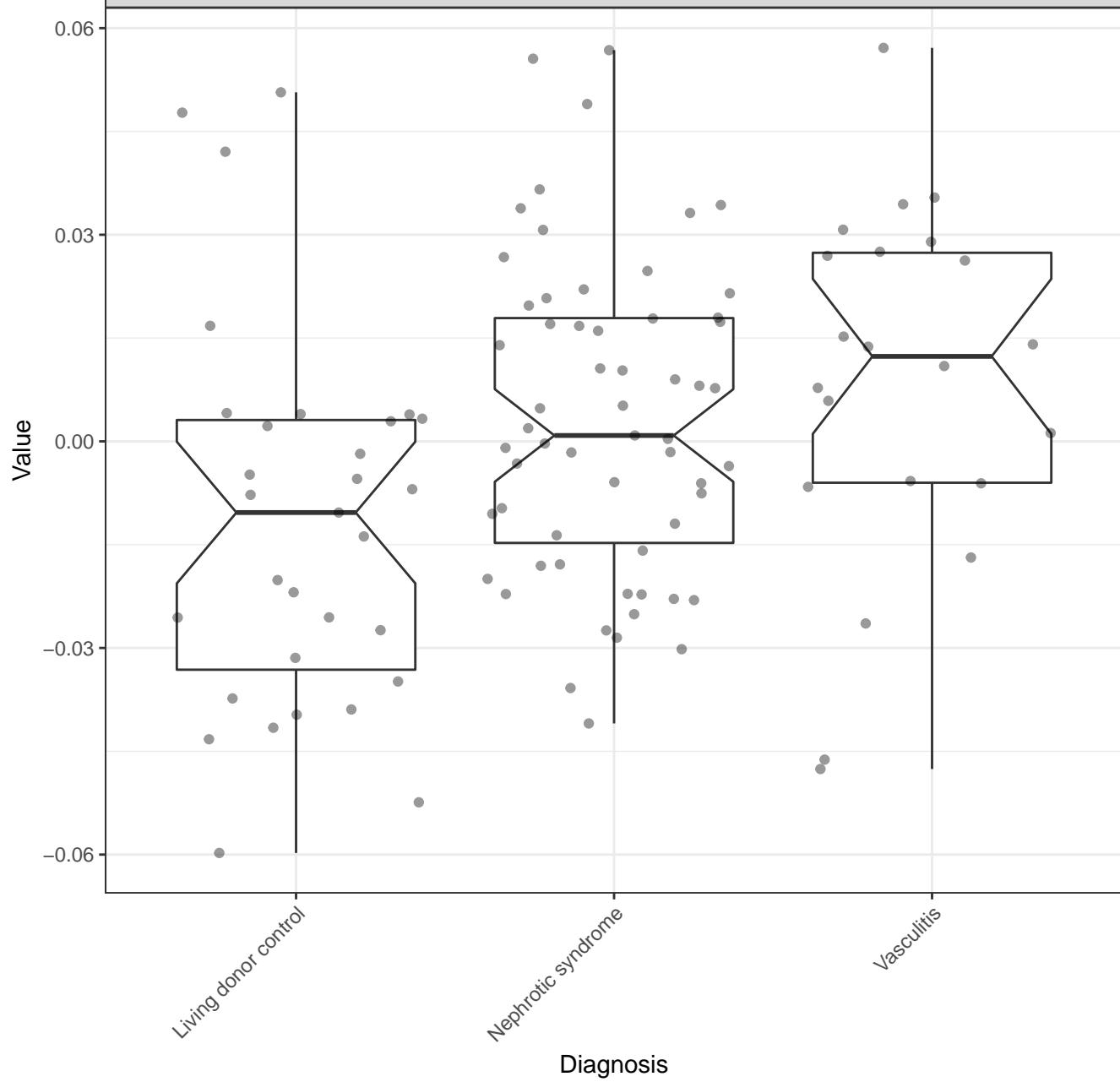
Nephrotic syndrome

Vasculitis

Diagnosis



LV 577



Value

0.10

0.05

0.00

-0.05

-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.10

0.05

0.00

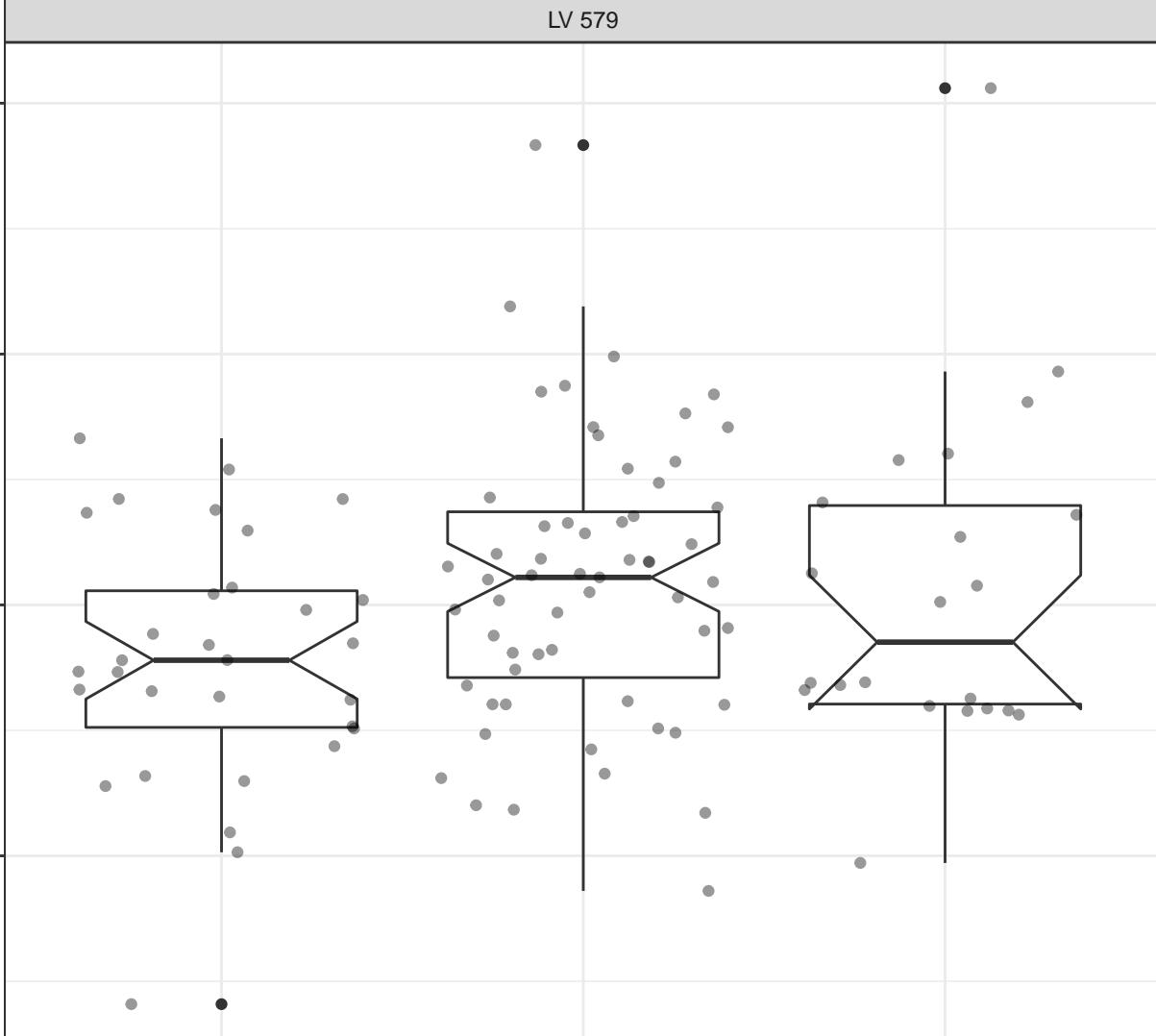
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

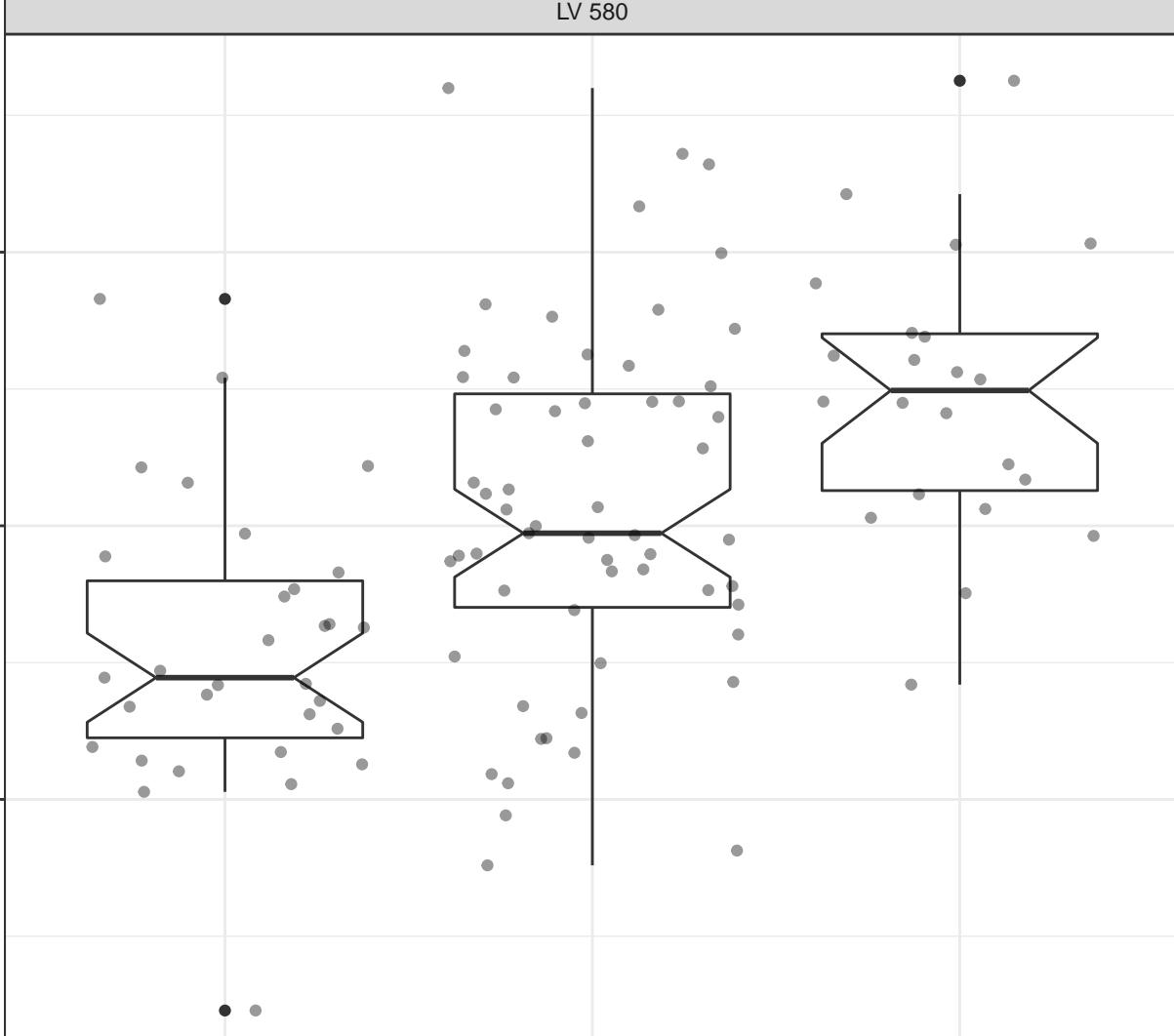
-0.05

Living donor control

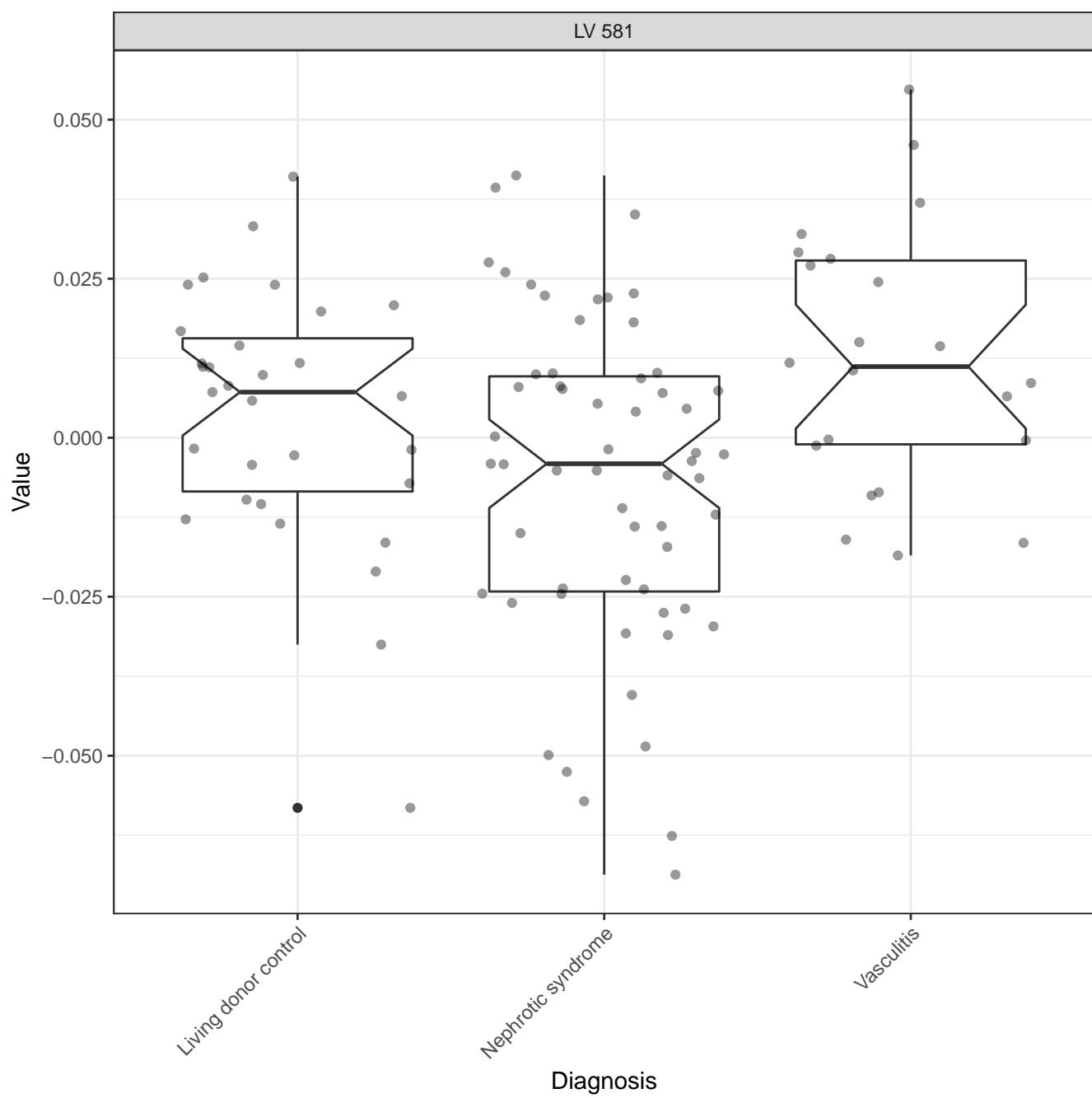
Nephrotic syndrome

Vasculitis

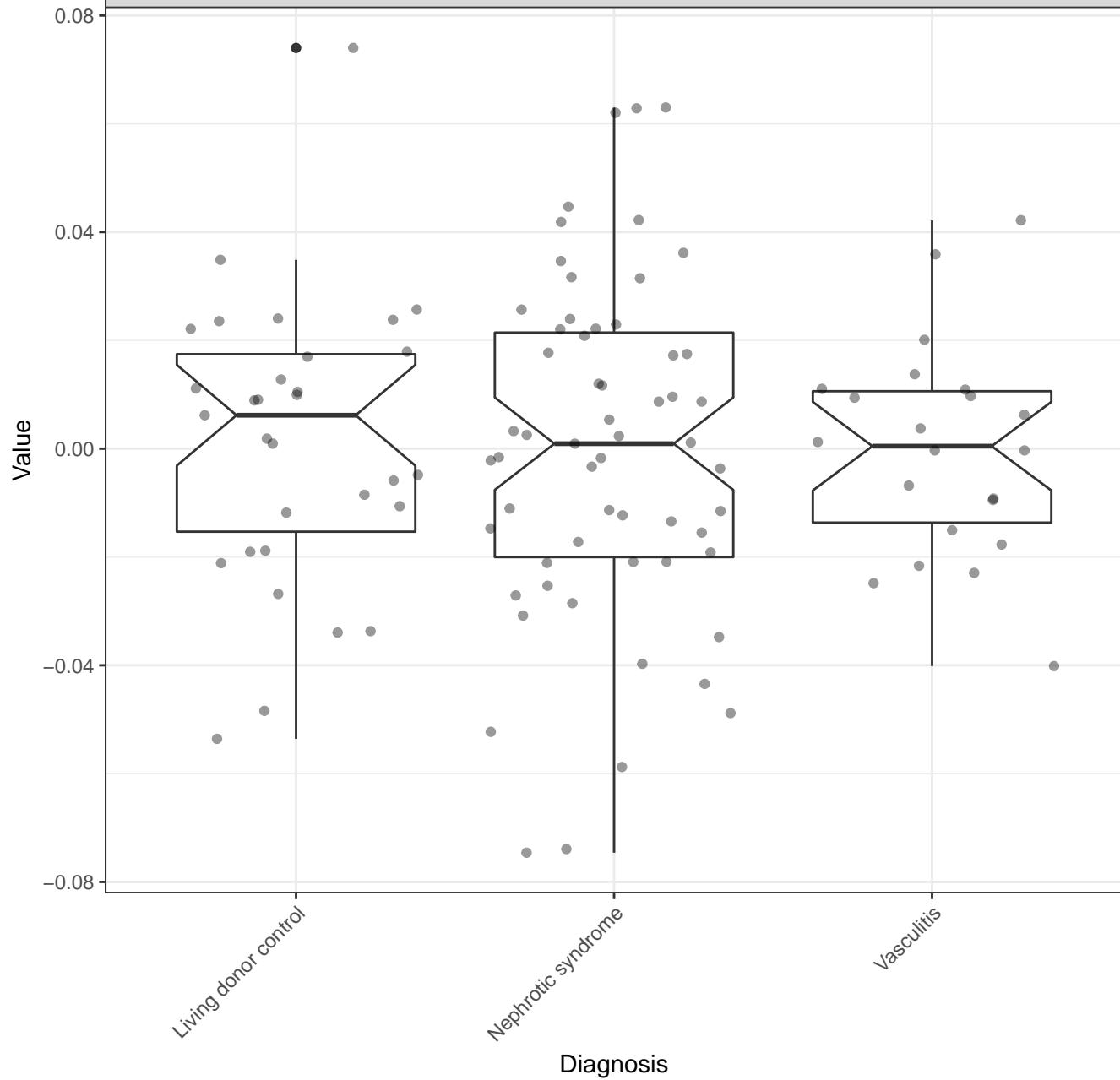
Diagnosis



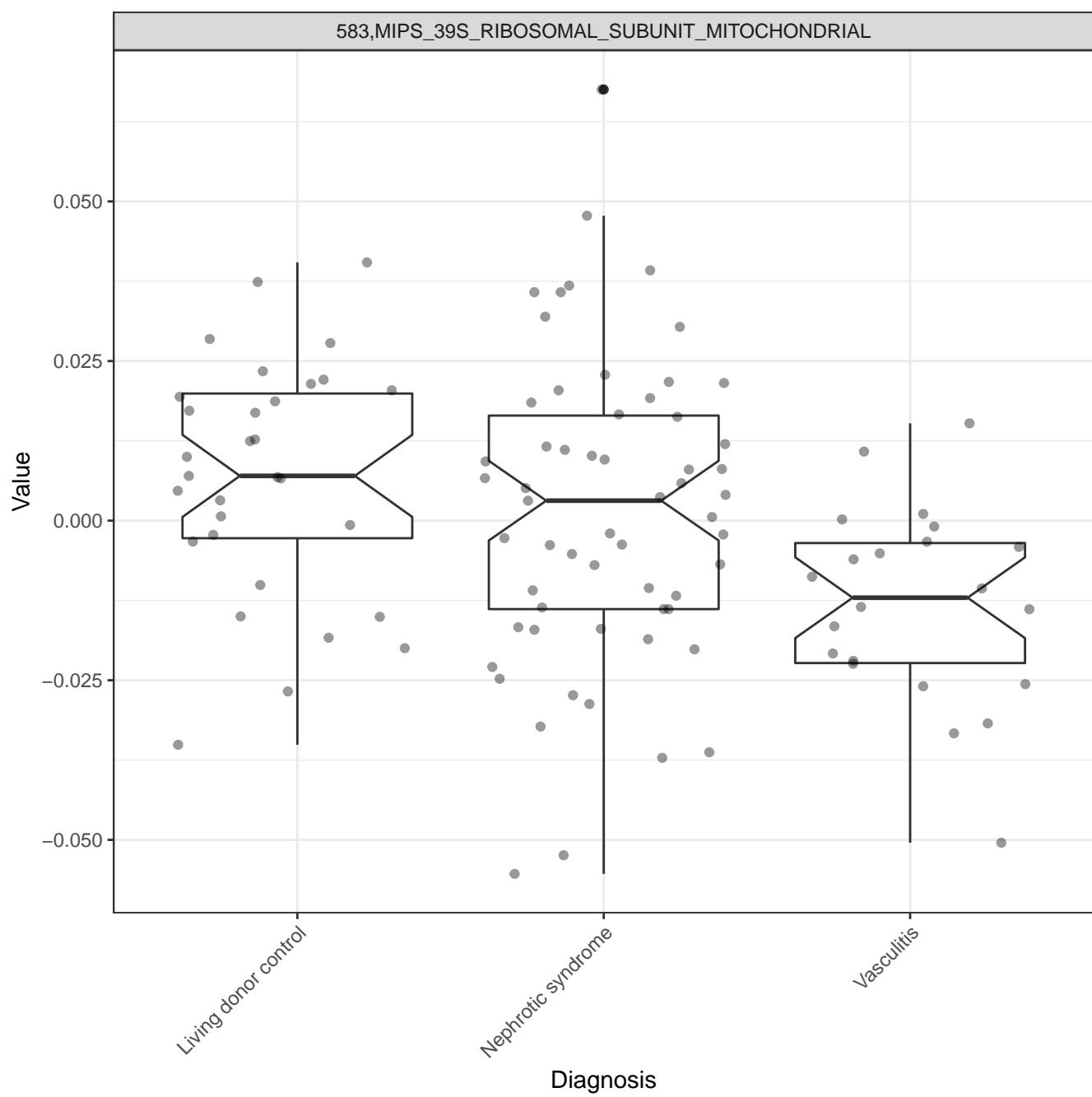
LV 581

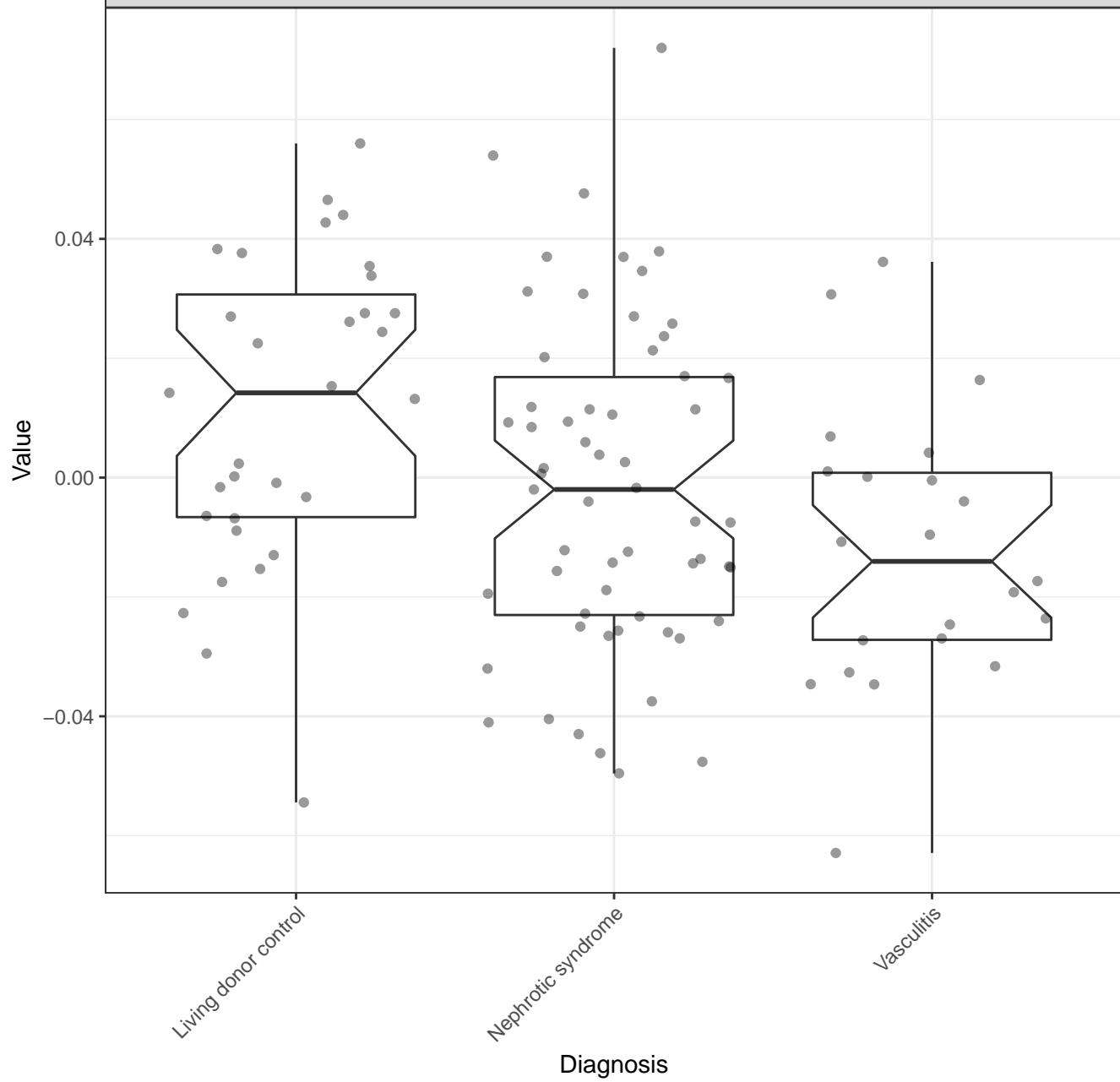


LV 582



## 583,MIPS\_39S\_RIBOSOMAL\_SUBUNIT\_MT





Value

0.05

0.00

-0.05

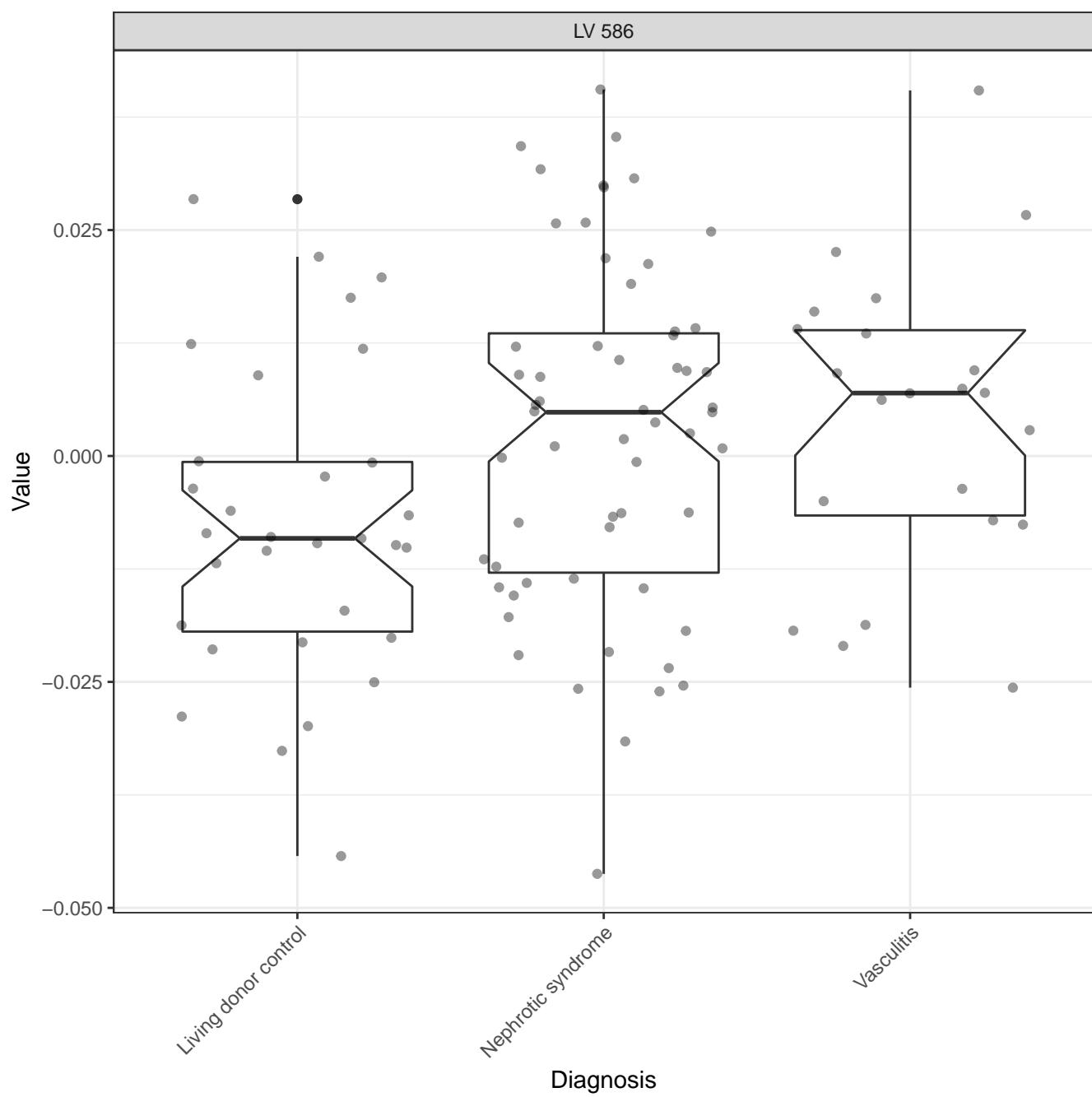
Living donor control

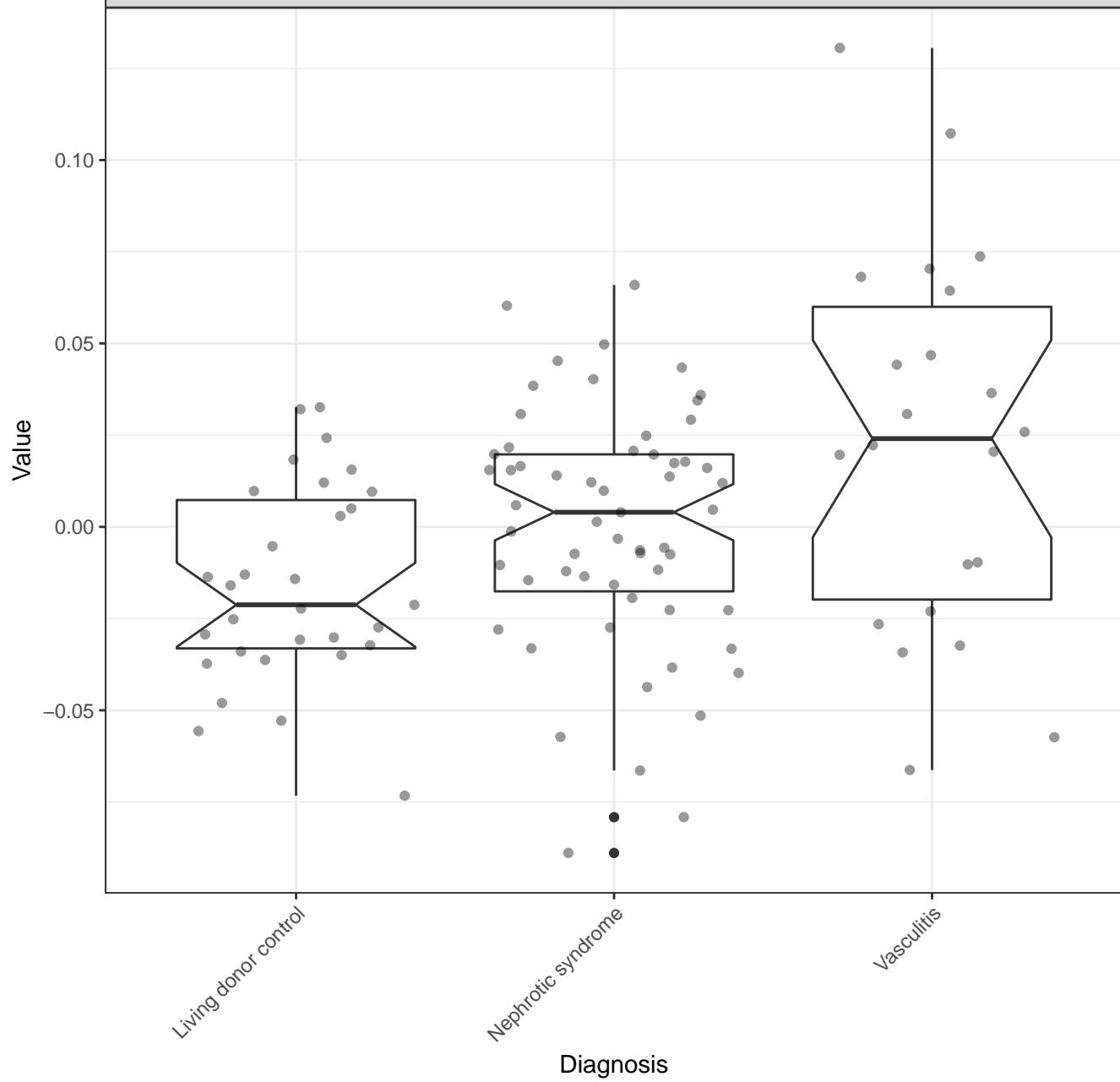
Nephrotic syndrome

Vasculitis

Diagnosis

LV 586





LV 588

Value

0.05

0.00

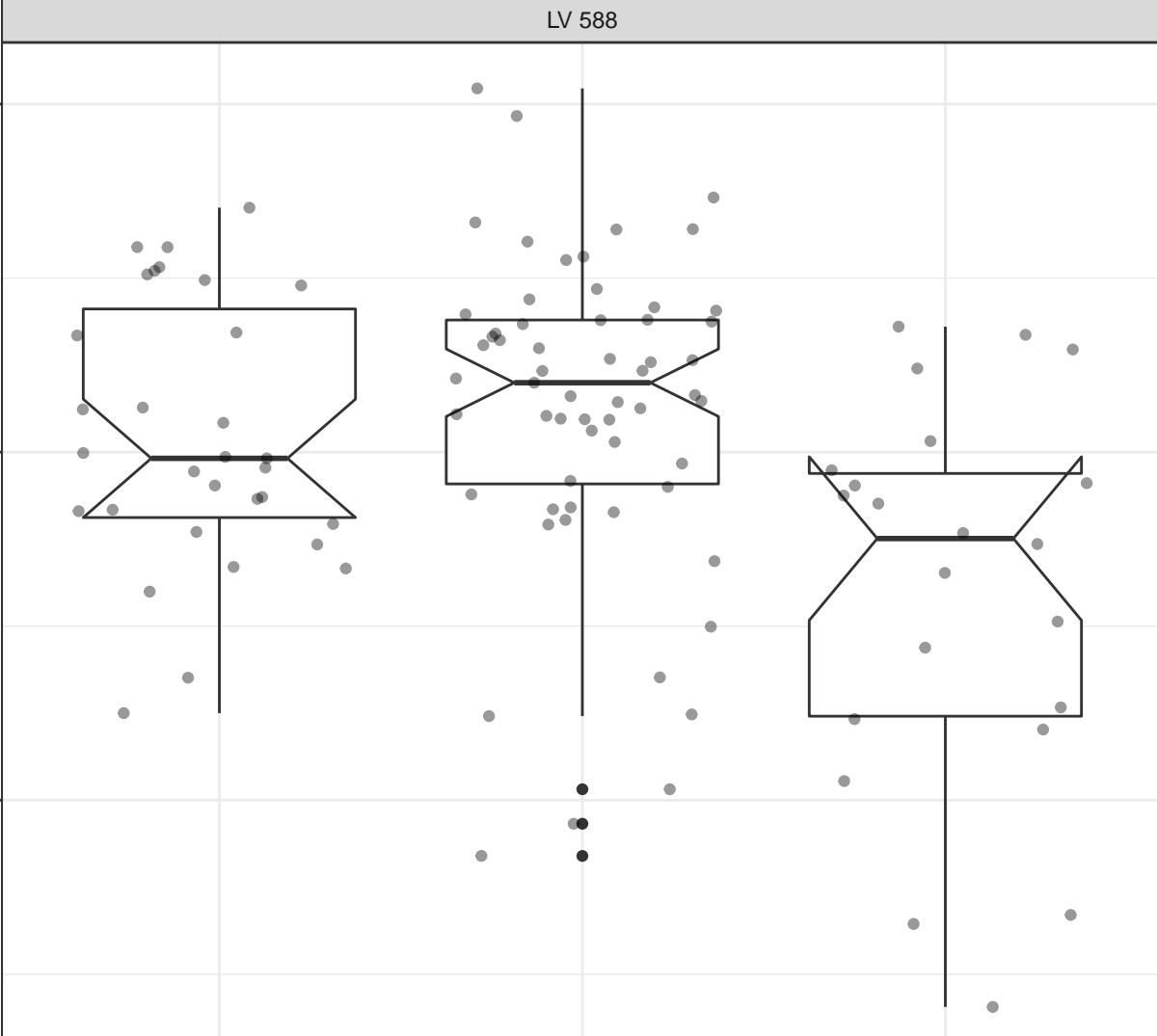
-0.05

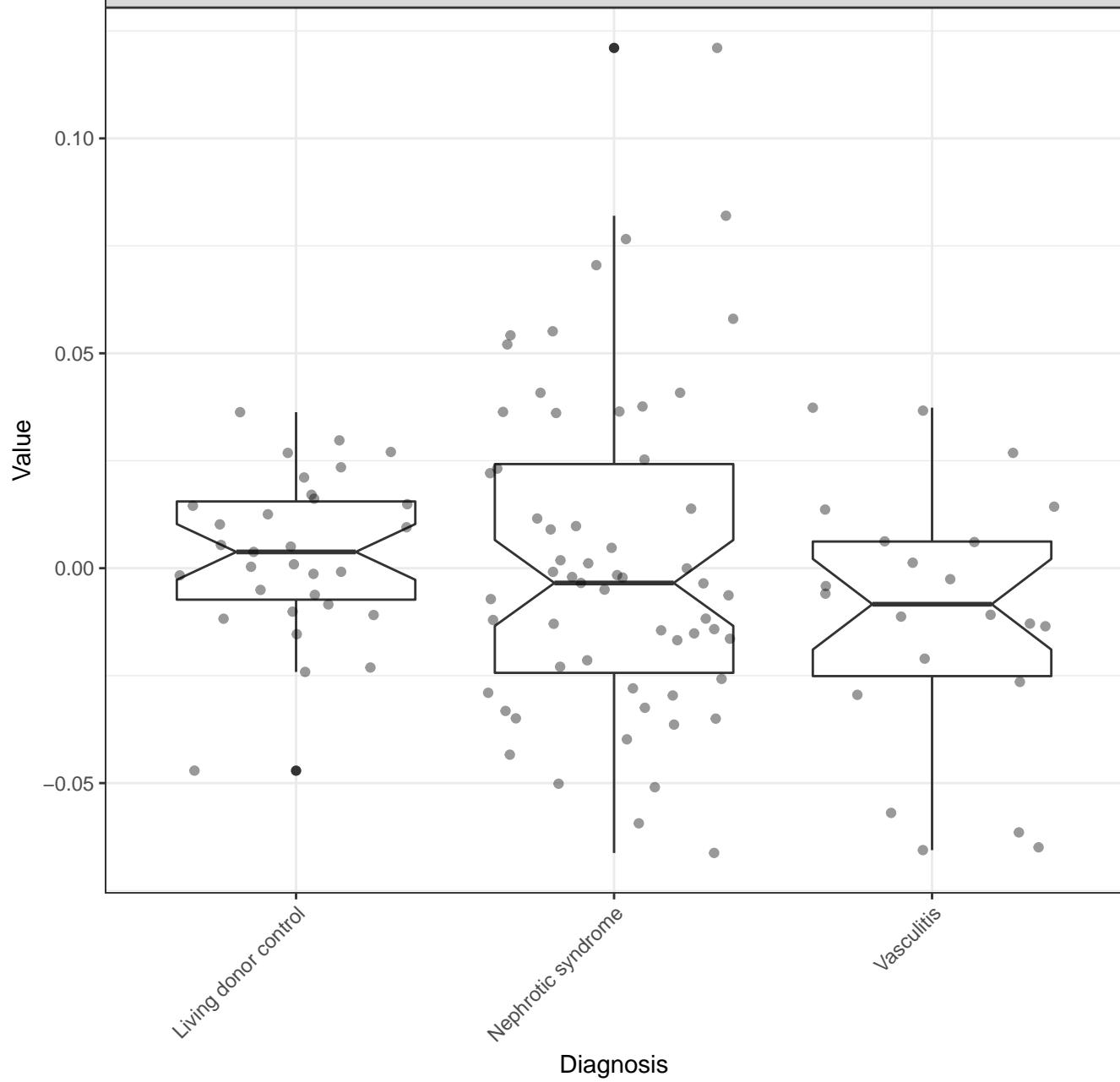
Living donor control

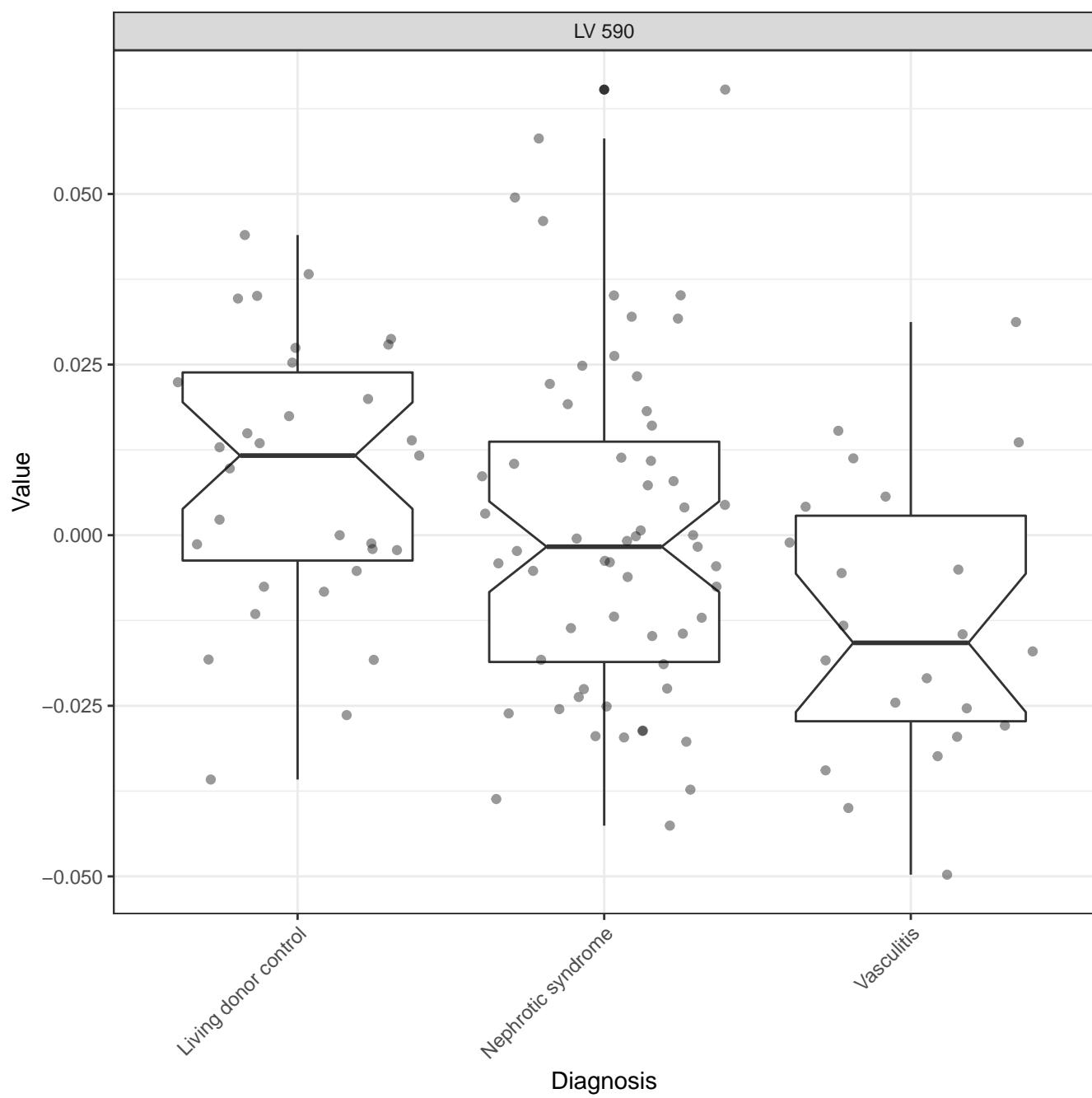
Nephrotic syndrome

Vasculitis

Diagnosis







LV 591

Value

0.10

0.05

0.00

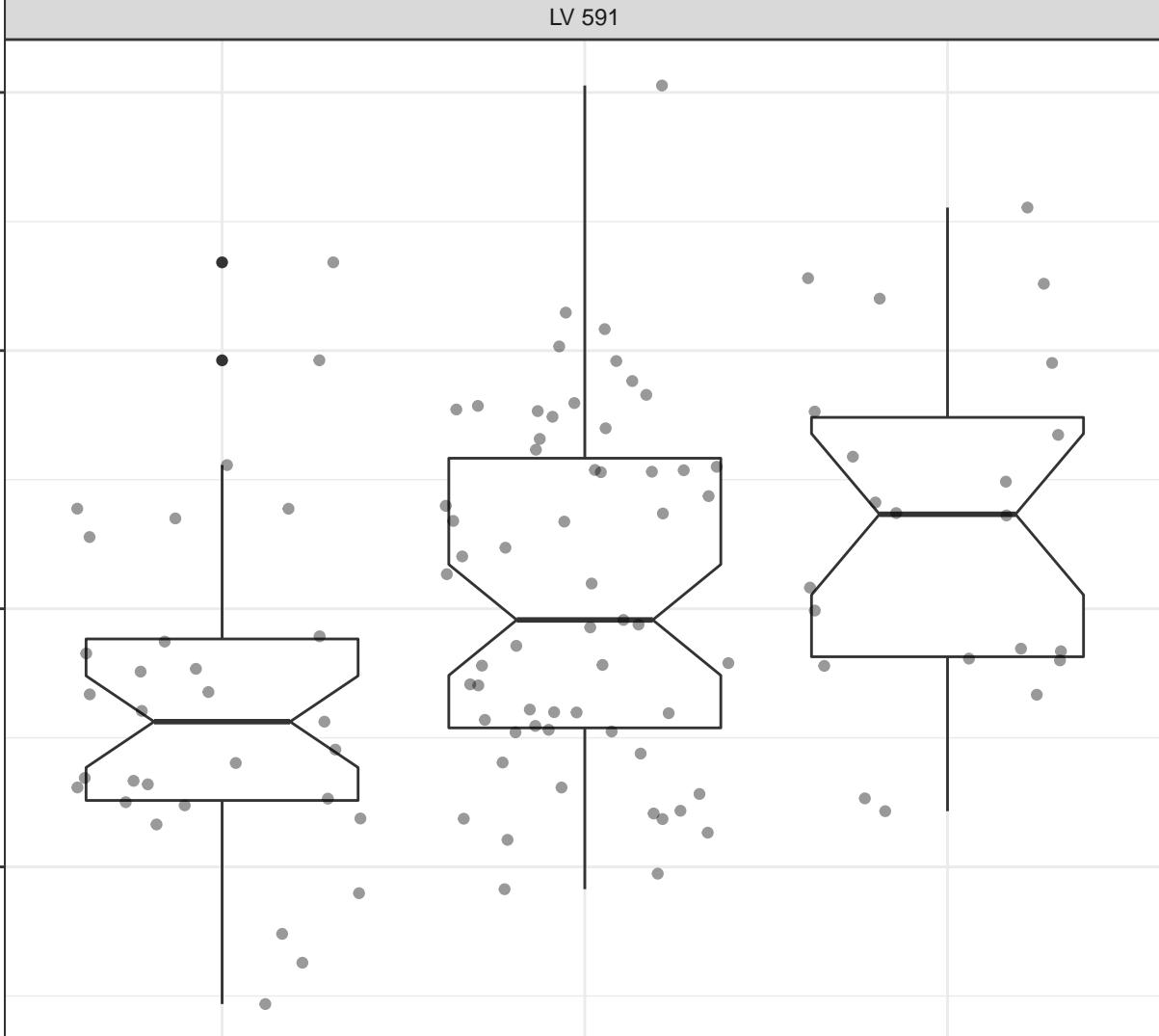
-0.05

Living donor control

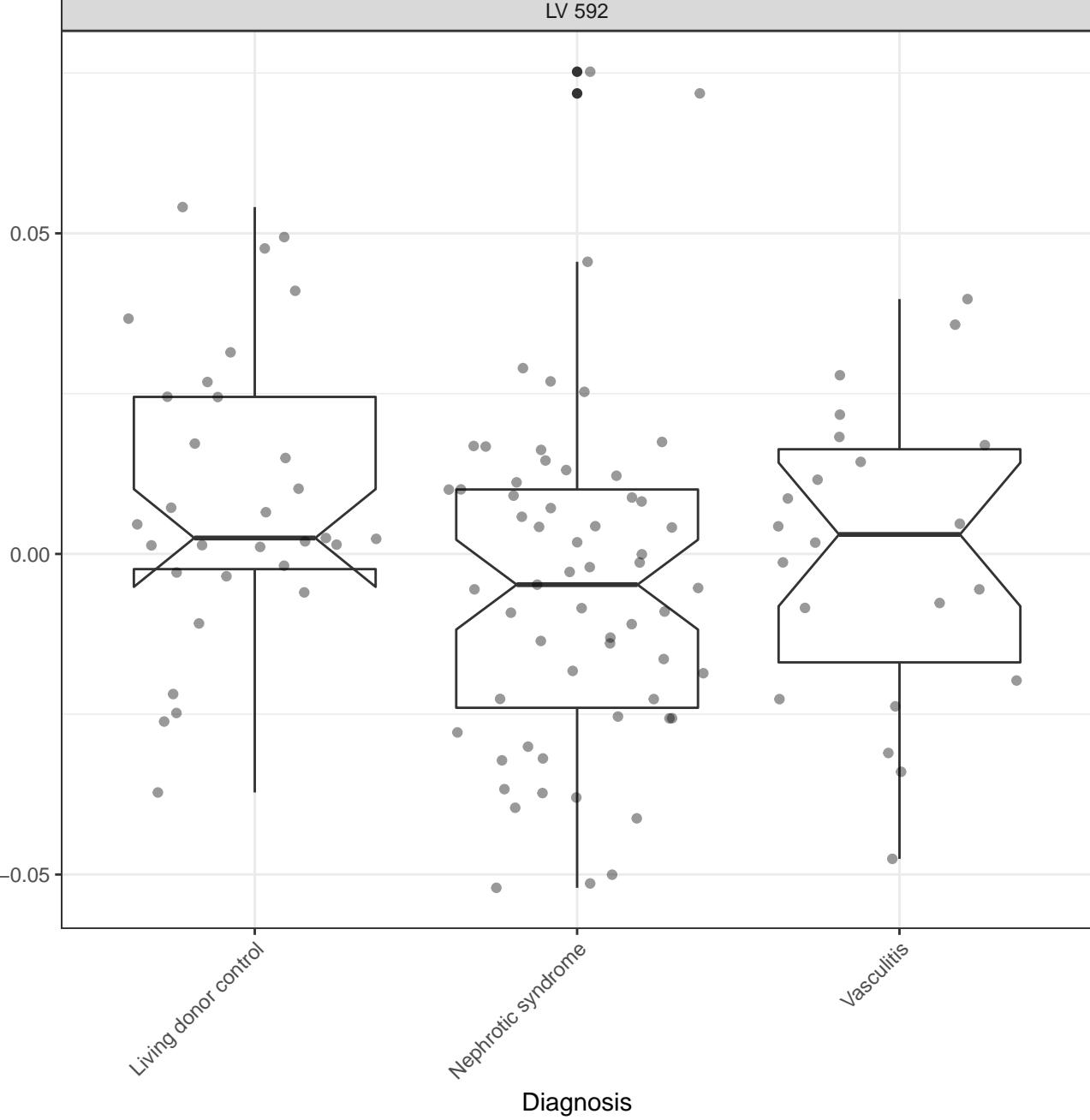
Nephrotic syndrome

Vasculitis

Diagnosis



Value



Value

0.05

0.00

-0.05

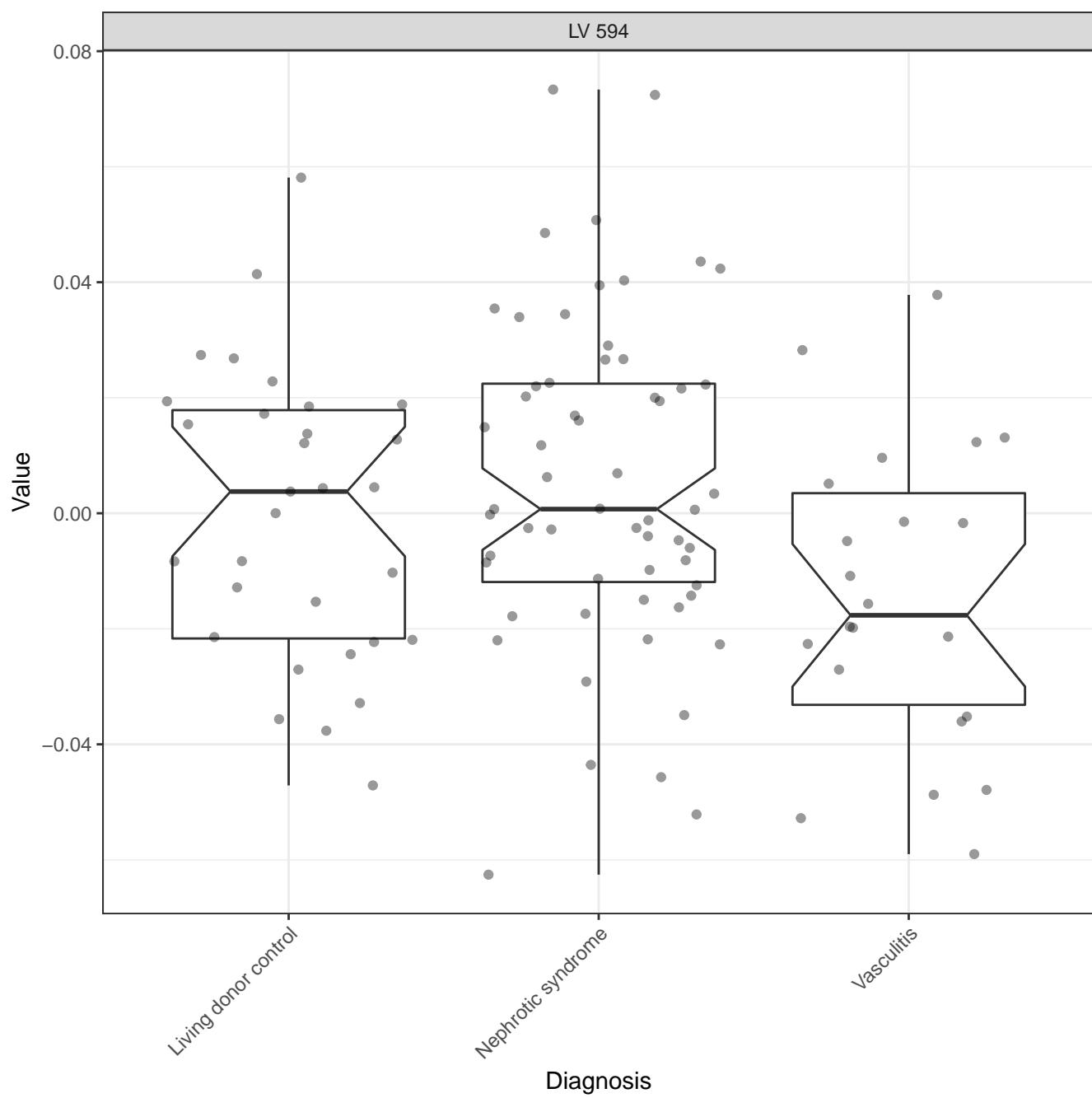
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.10

0.05

0.00

-0.05

-0.10

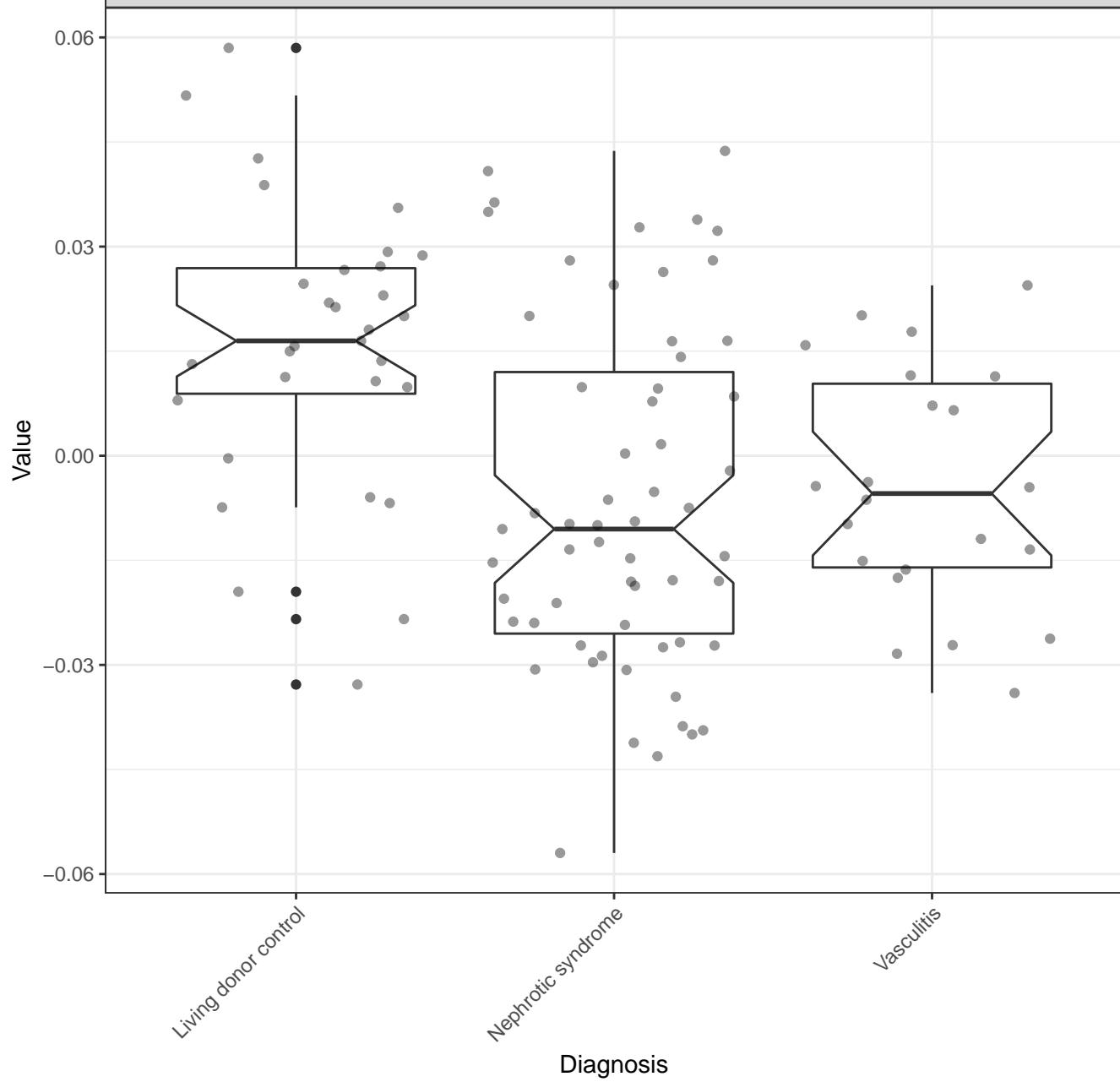
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 596



Value

0.05

0.00

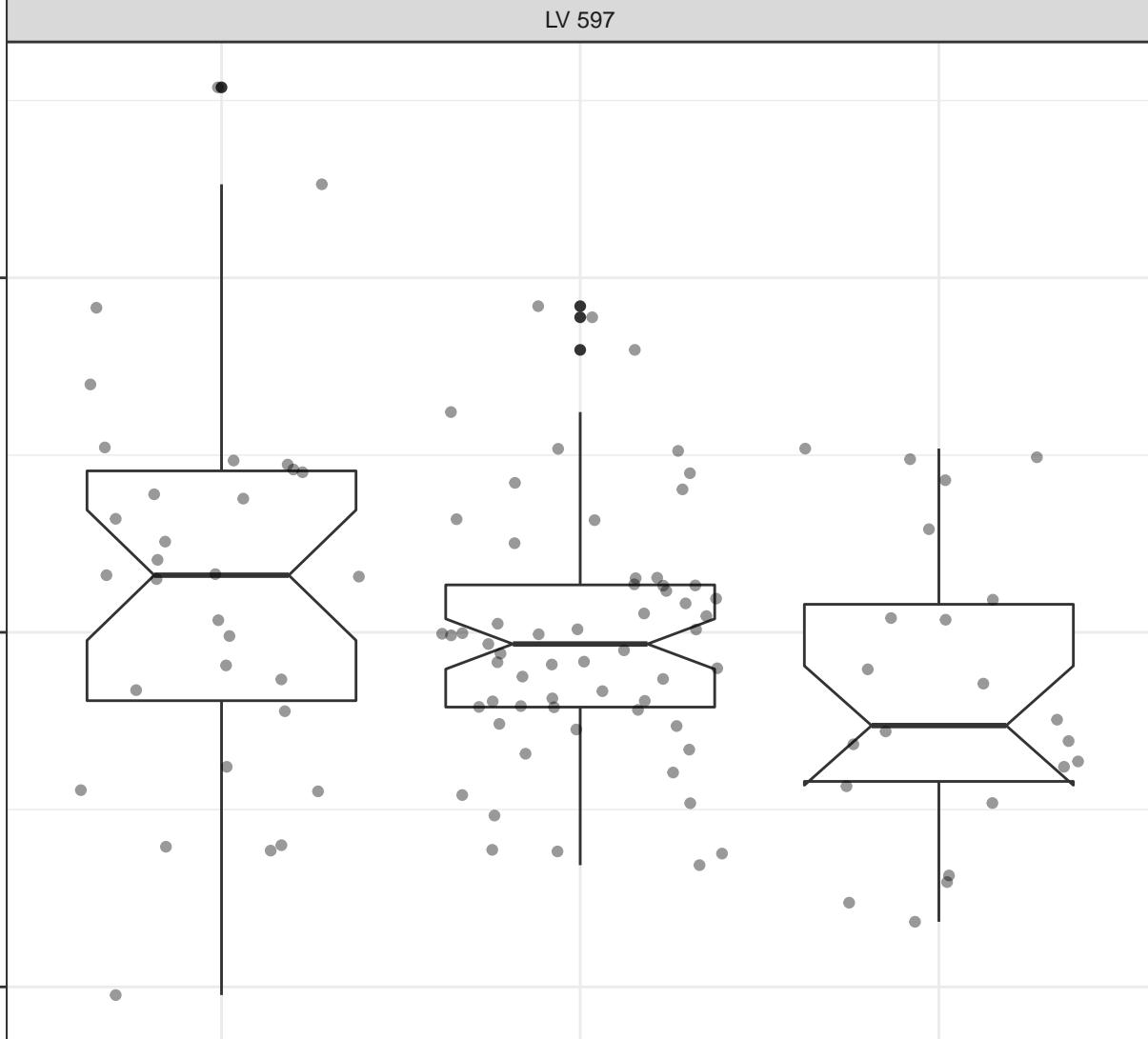
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

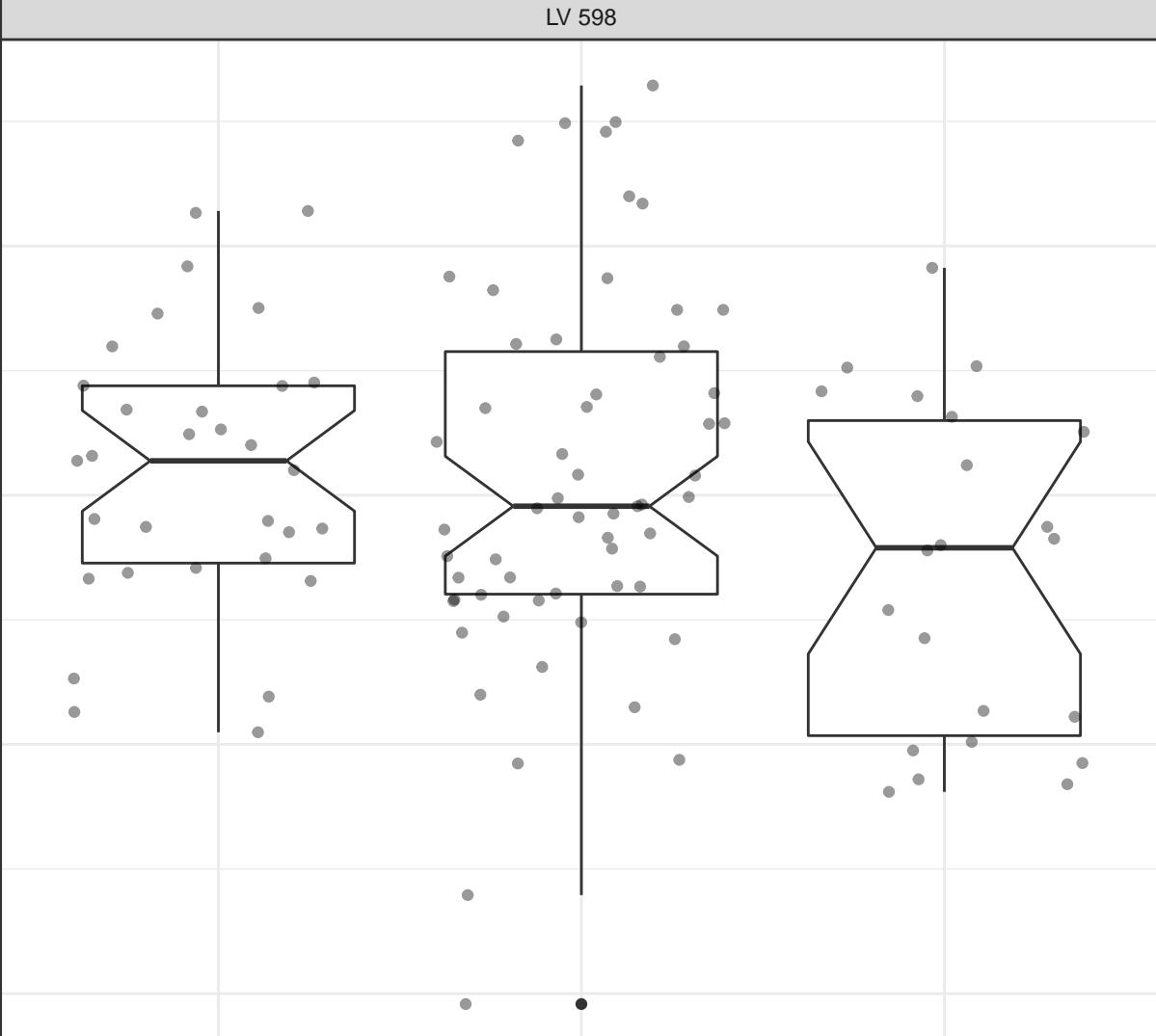
-0.10

Living donor control

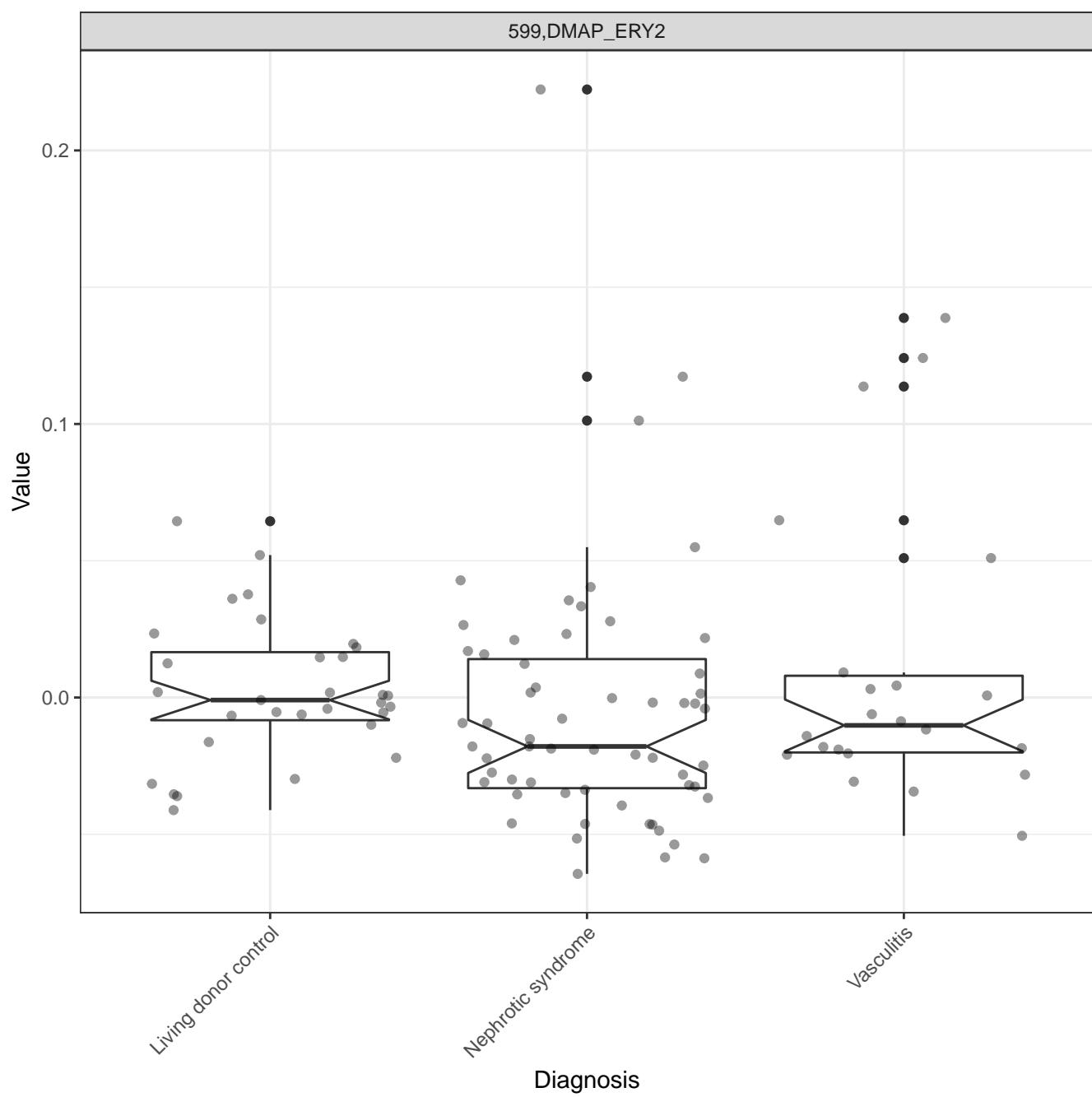
Nephrotic syndrome

Vasculitis

Diagnosis



## 599,DMAP\_ERY2



LV 600

Value

0.0

-0.1

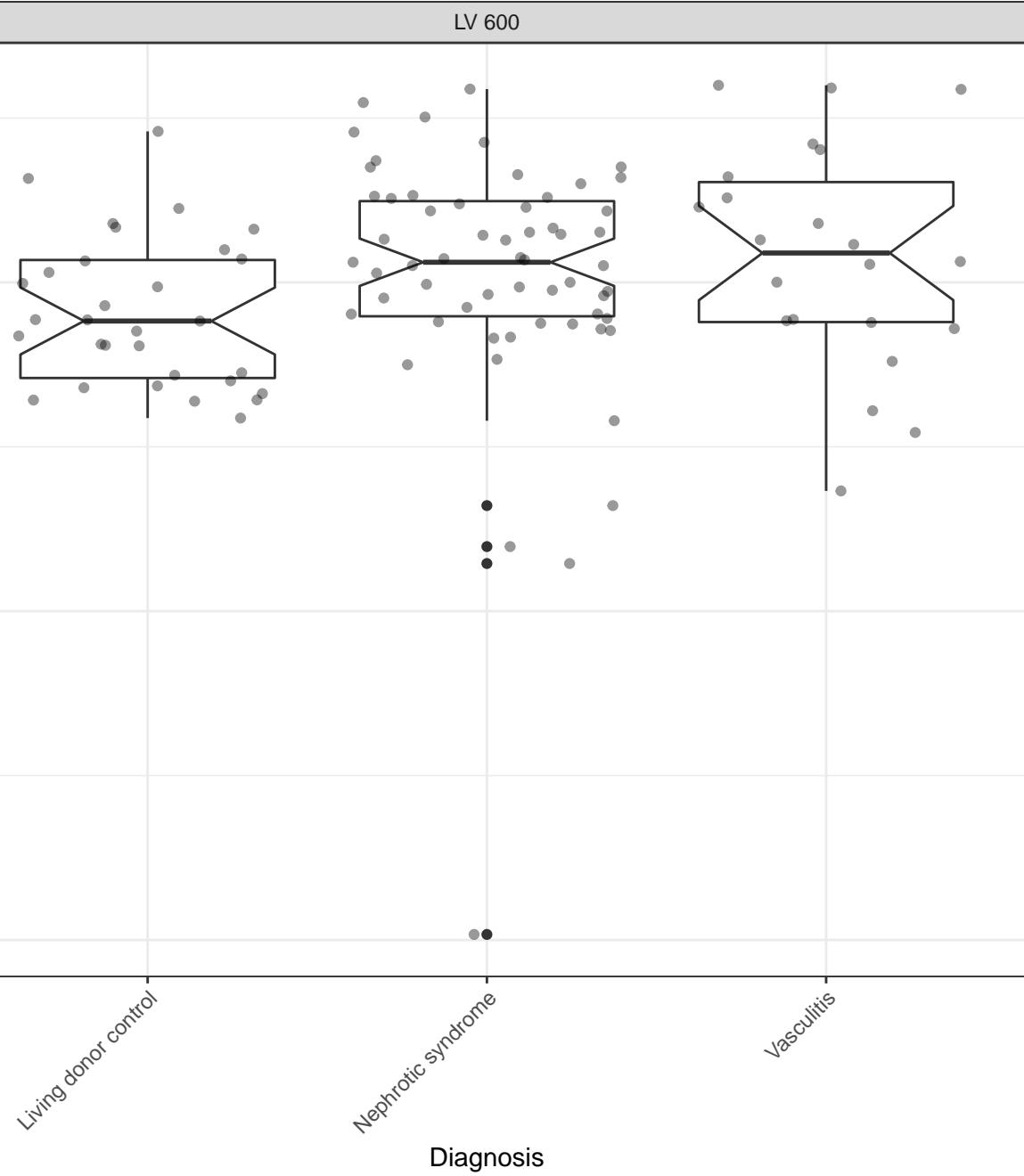
-0.2

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 601

Value

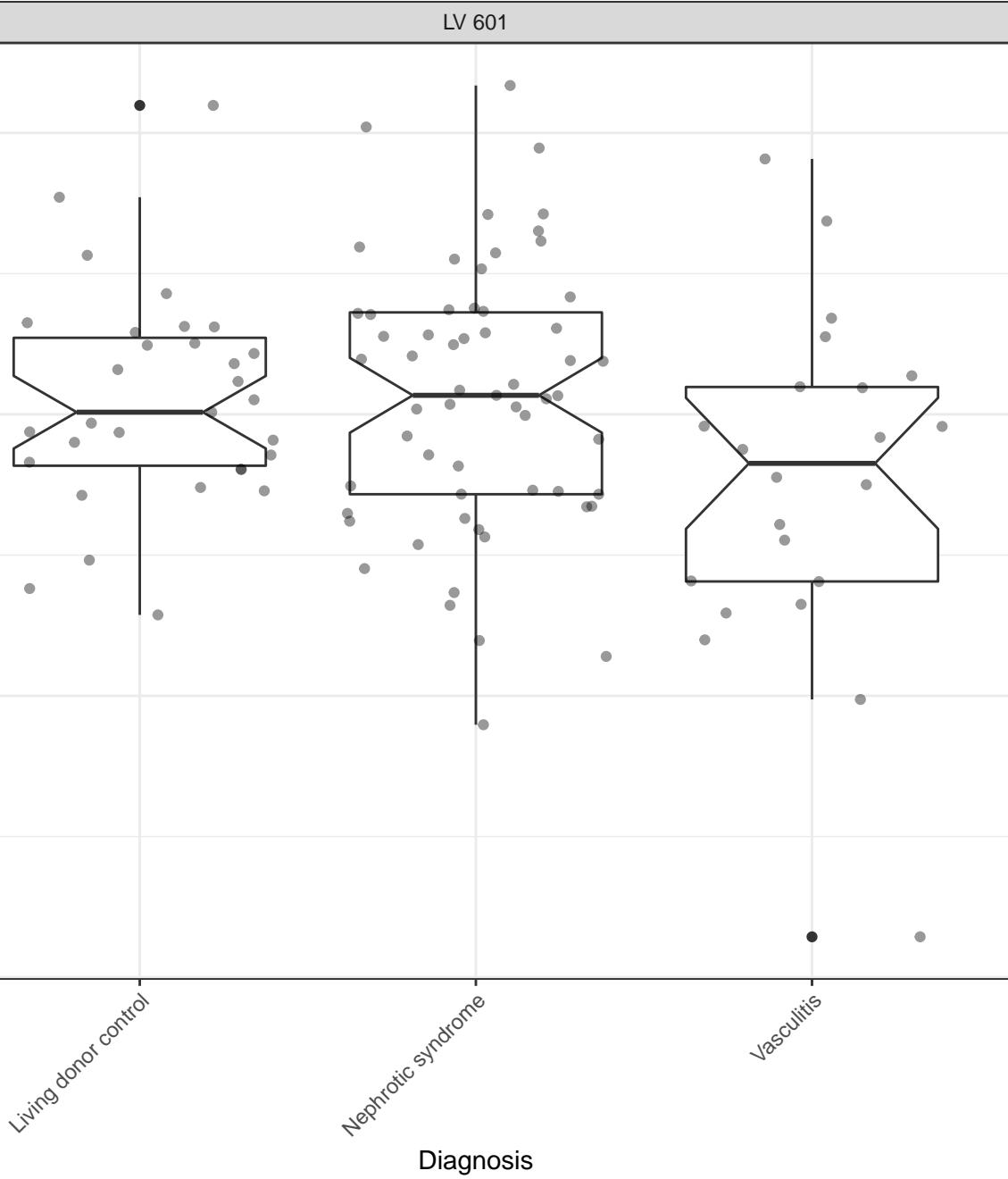
0.05  
0.01  
-0.01  
-0.05  
-0.10

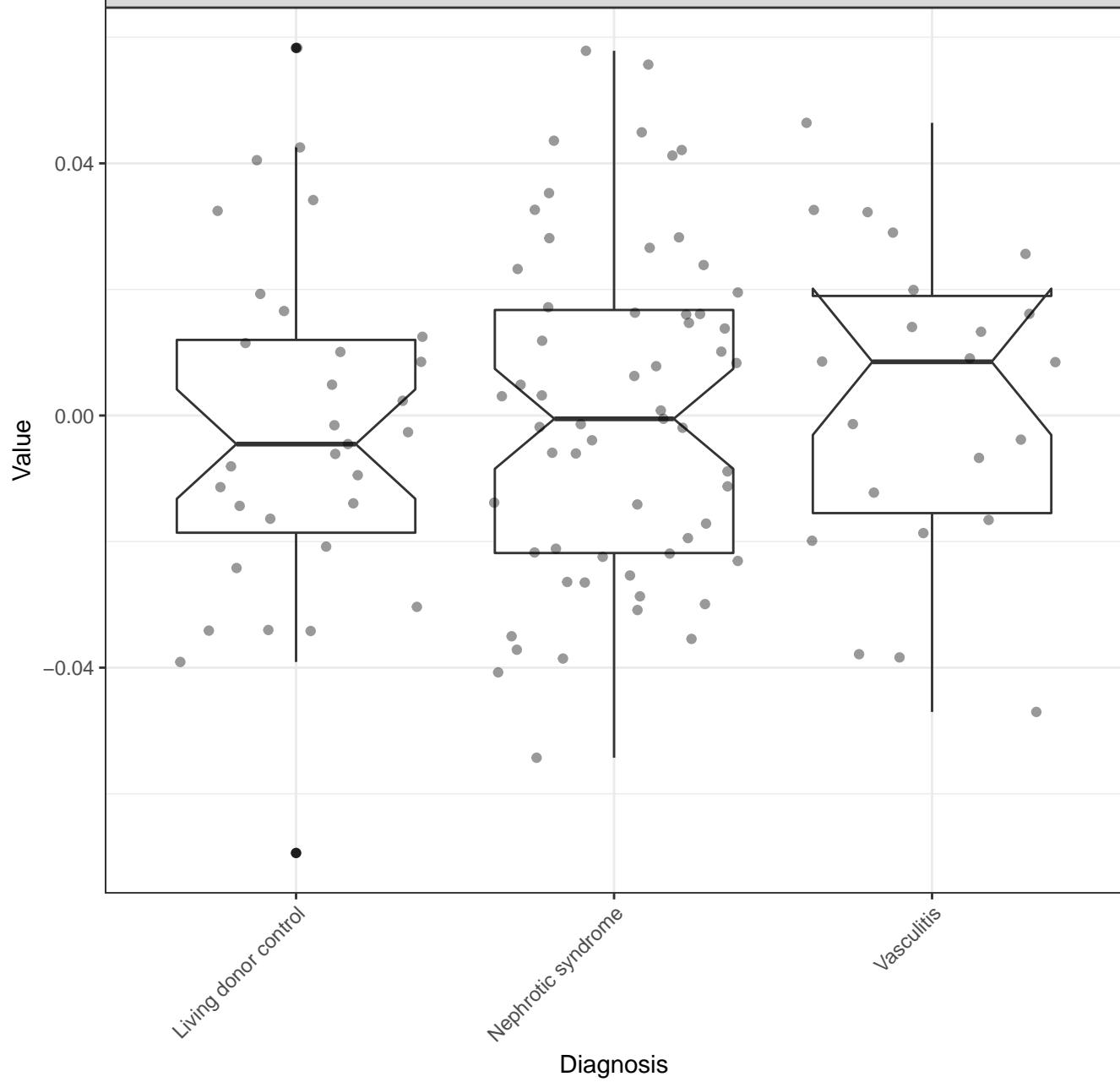
Living donor control

Nephrotic syndrome

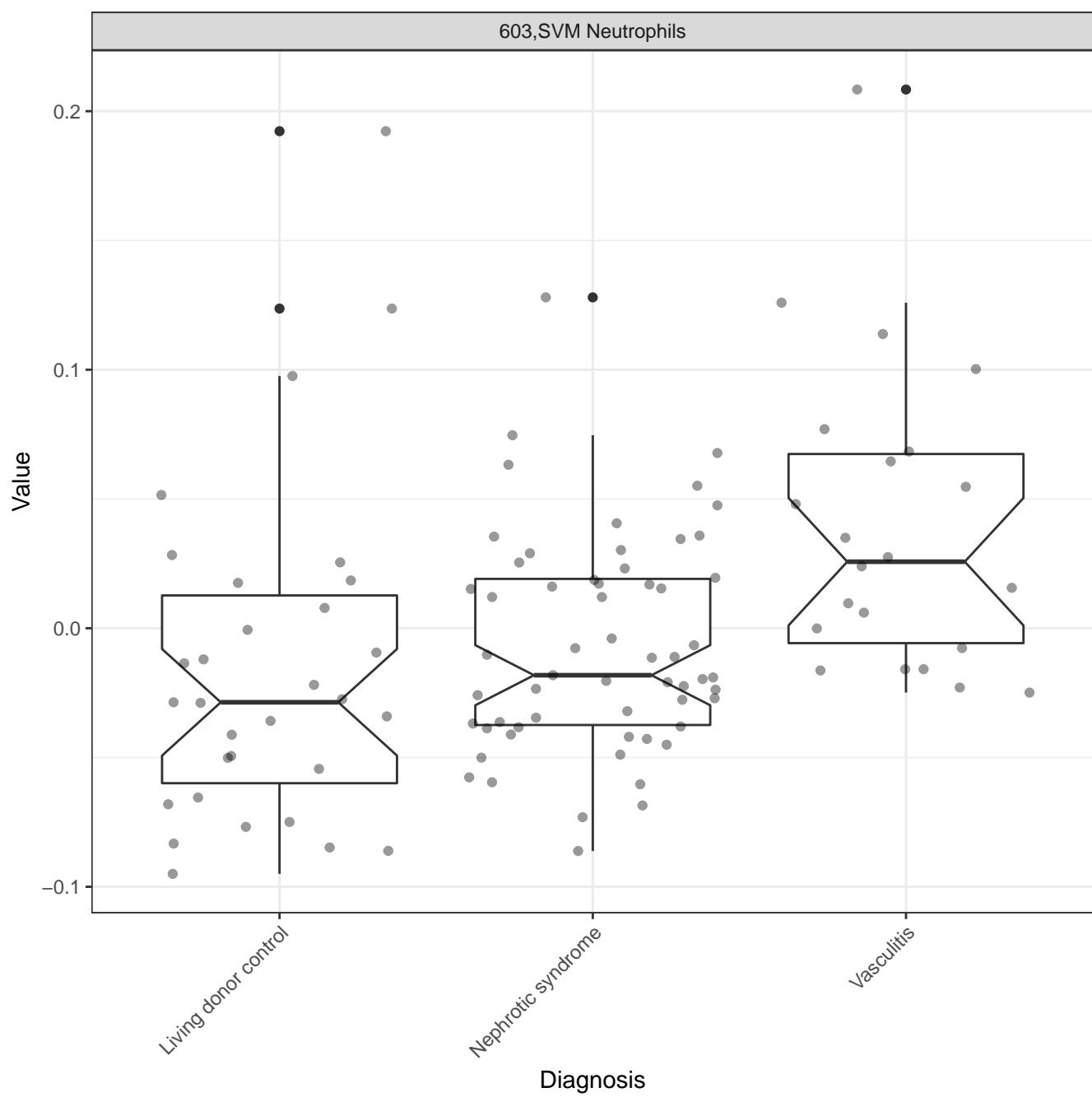
Vasculitis

Diagnosis

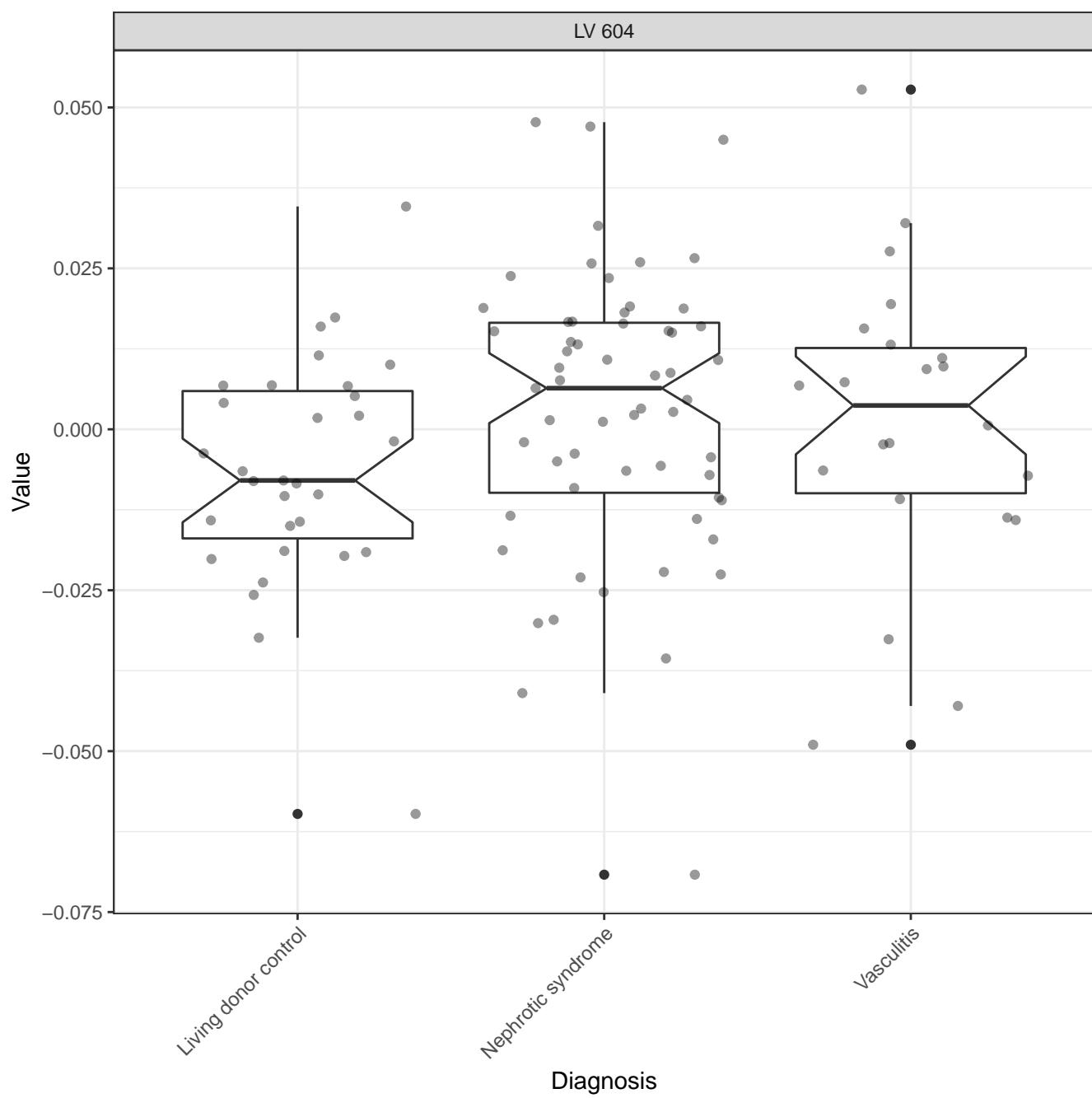




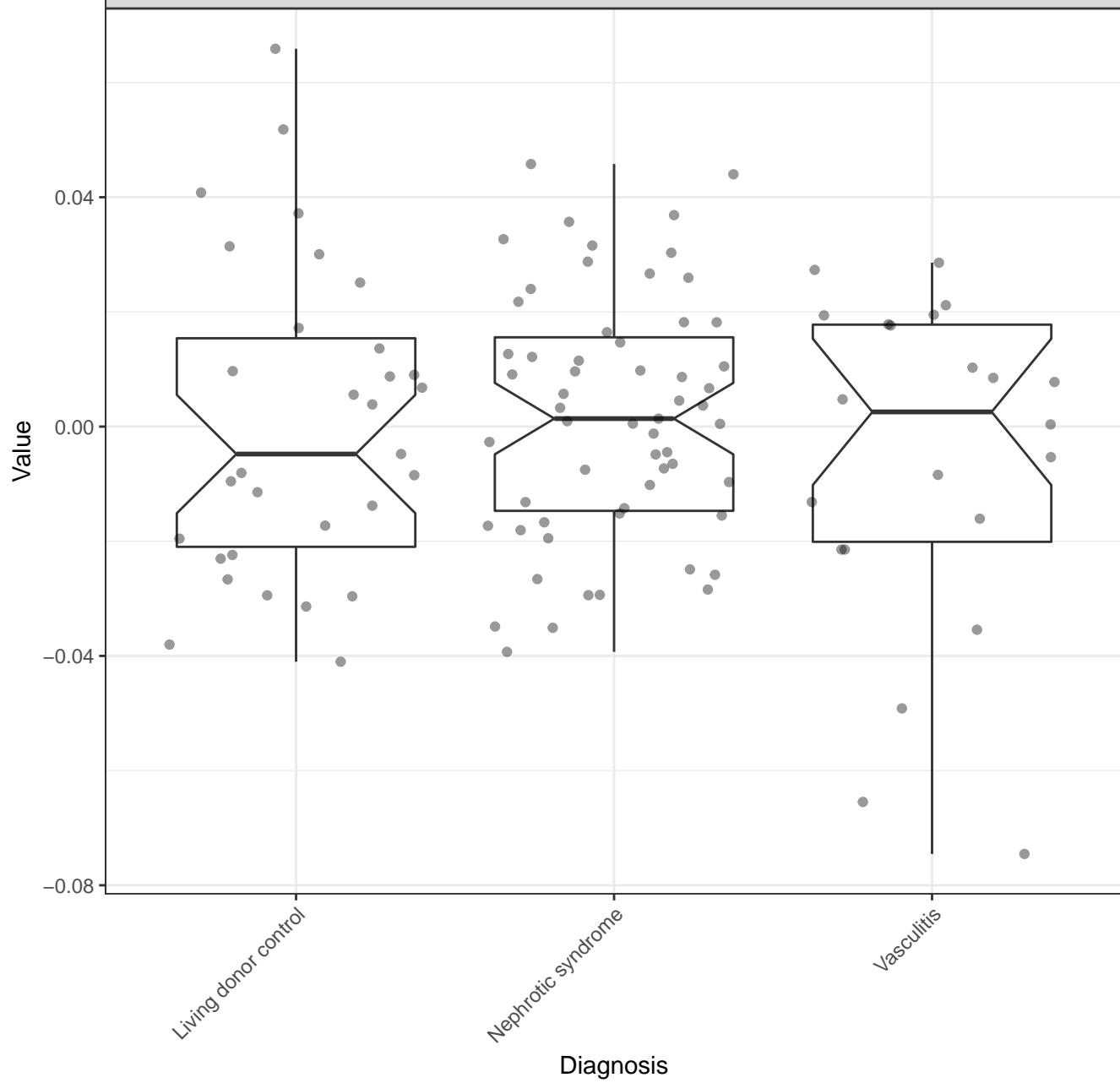
### 603,SVM Neutrophils



## LV 604



# 605,ST\_B\_CELL\_ANTIGEN\_RECECTOR



Value

0.04

0.00

-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.10

0.05

0.00

-0.05

-0.10

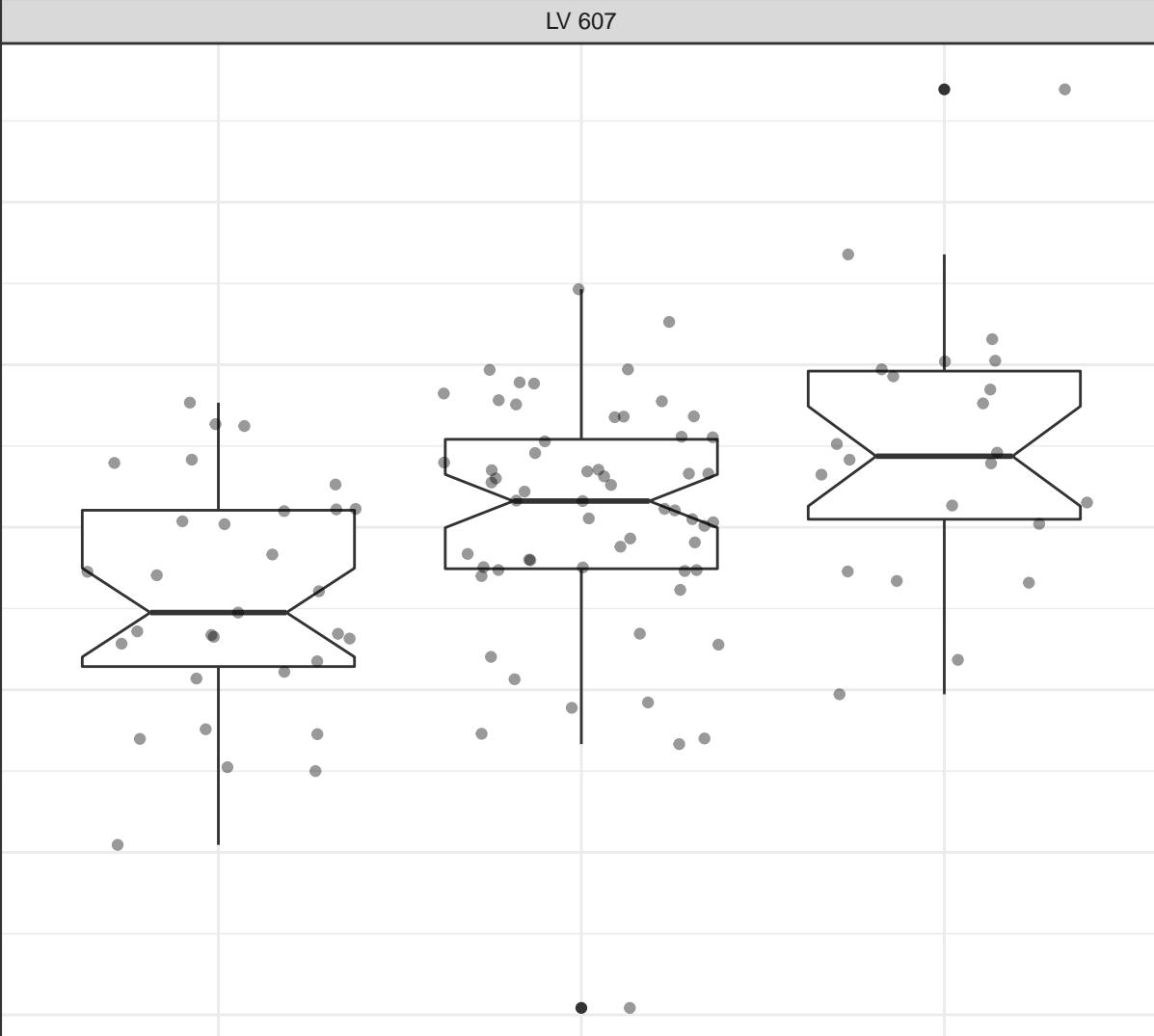
-0.15

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 608

Value

0.04

0.00

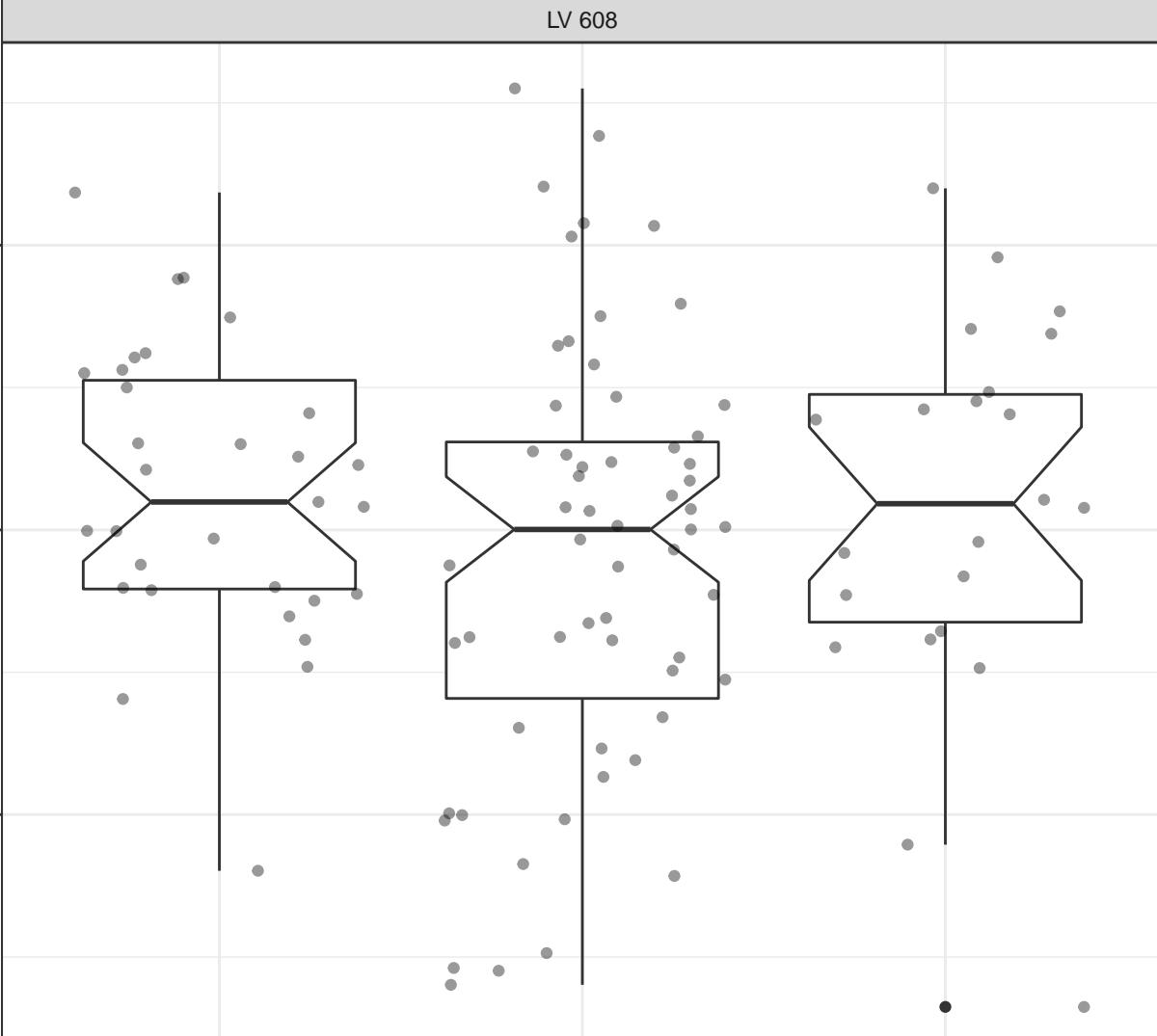
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

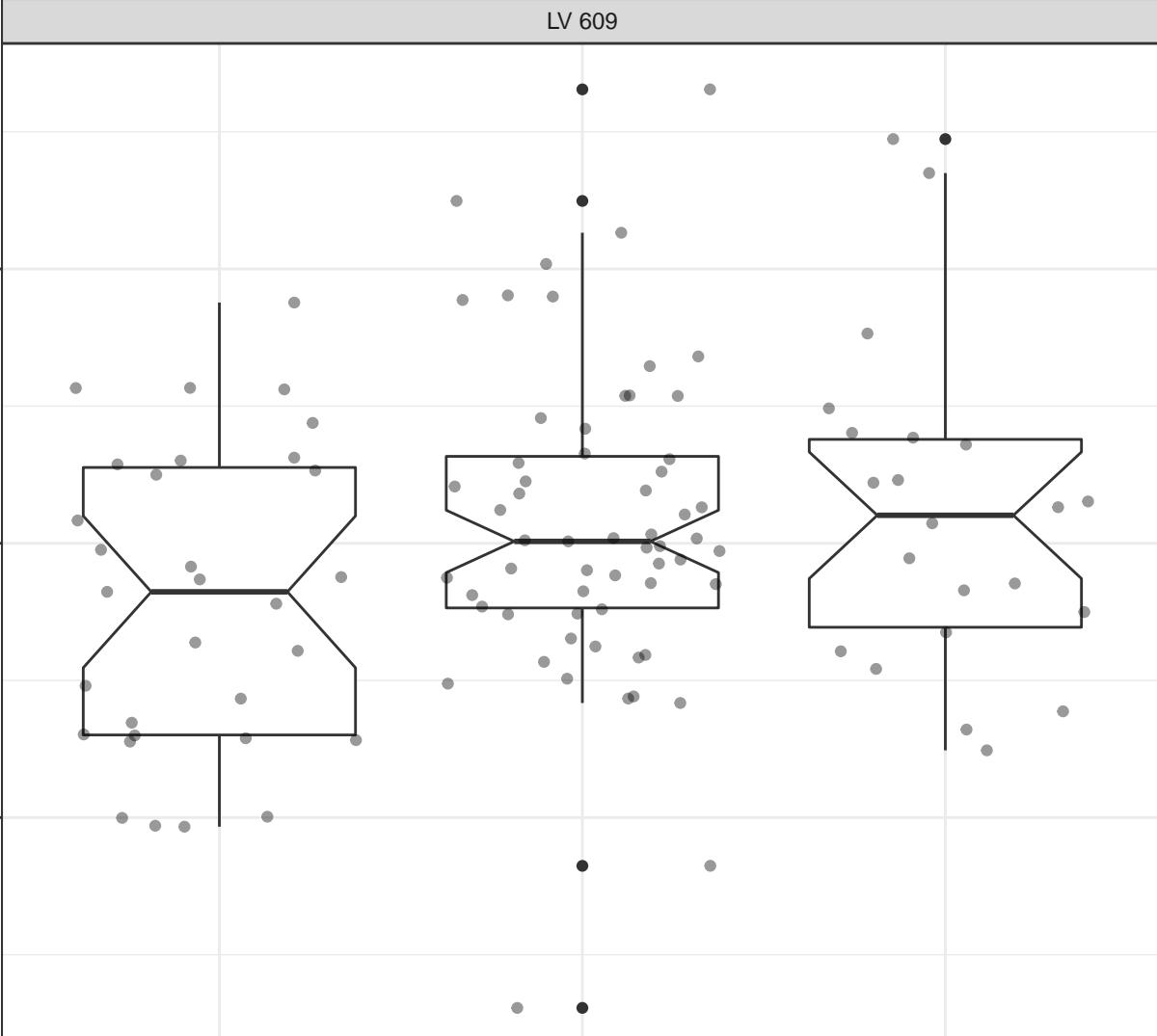
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

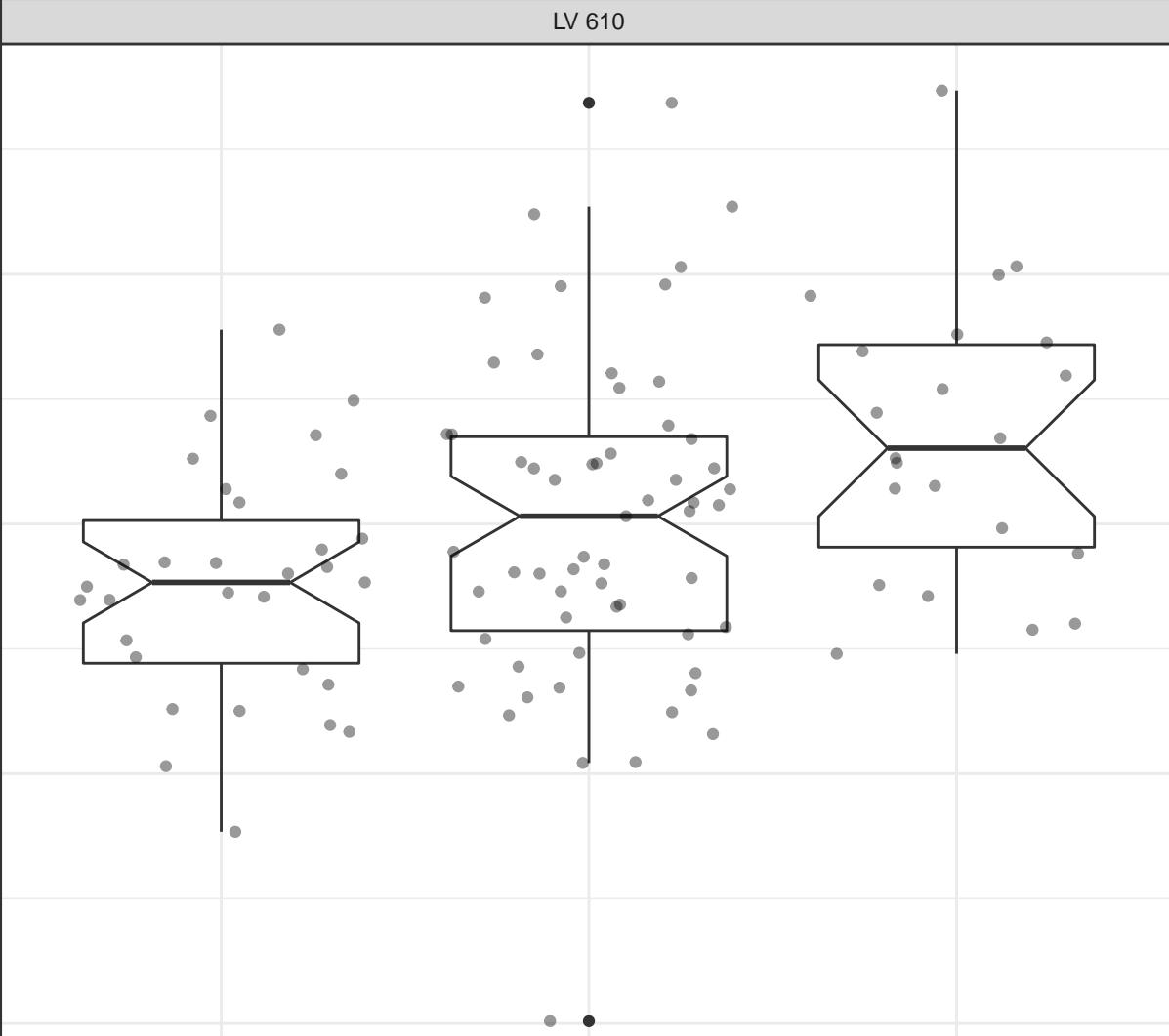
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 611

Value

0.10

0.05

0.00

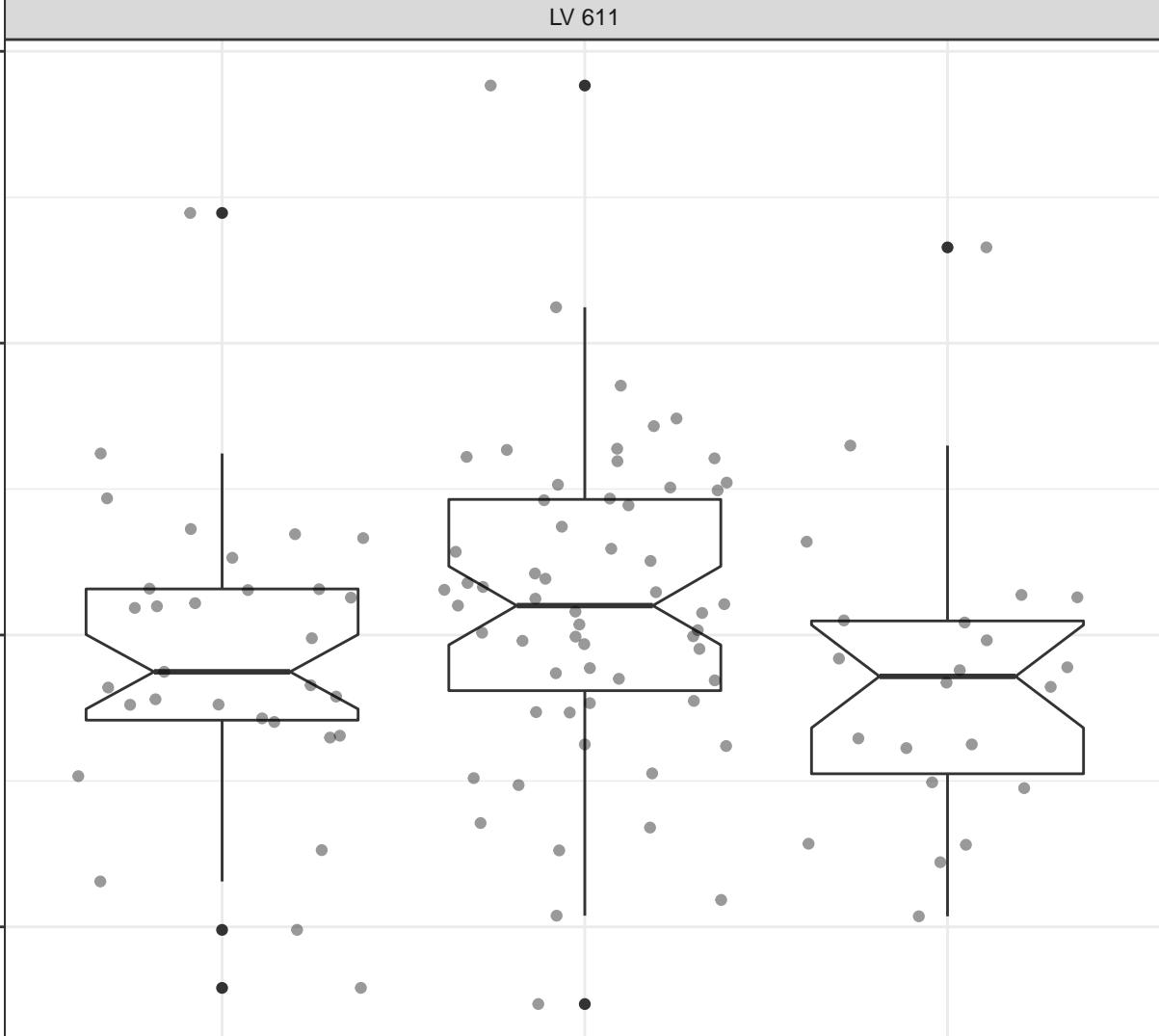
-0.05

Living donor control

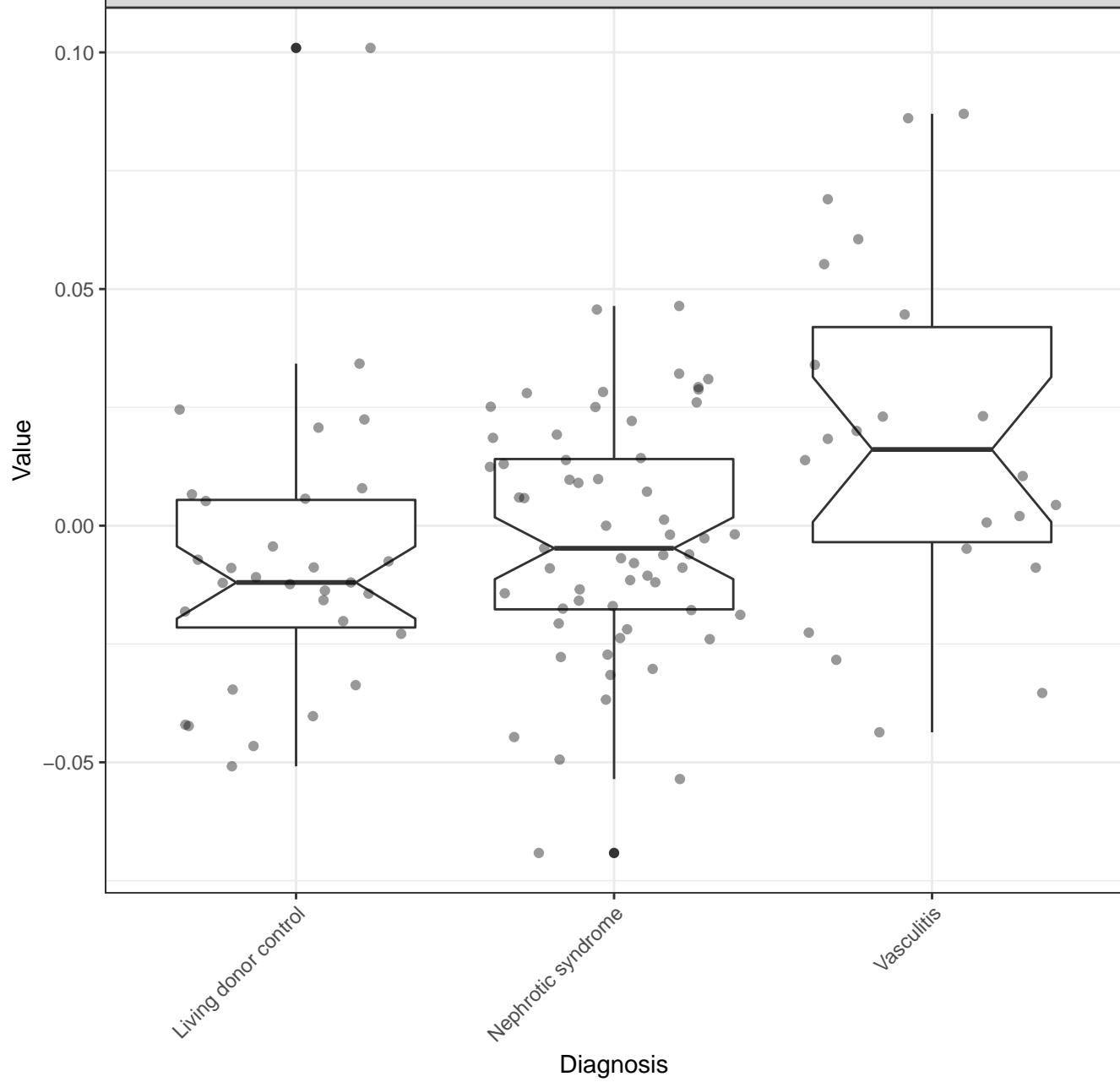
Nephrotic syndrome

Vasculitis

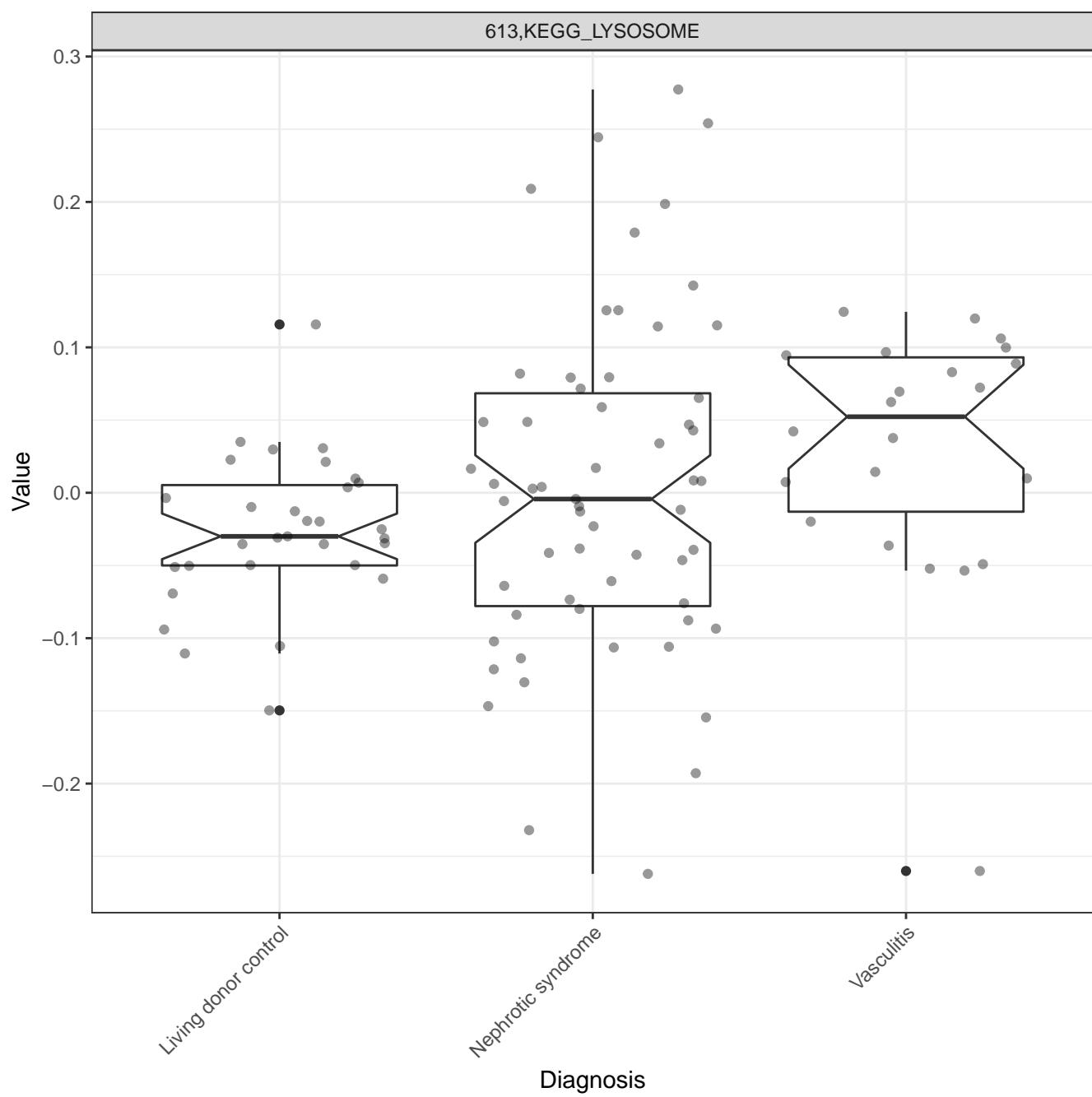
Diagnosis



## 612,REACTOME\_GAB1\_SIGNALOSOME



## 613,KEGG\_LYSOSOME



LV 614

Value

0.06

0.03

0.00

-0.03

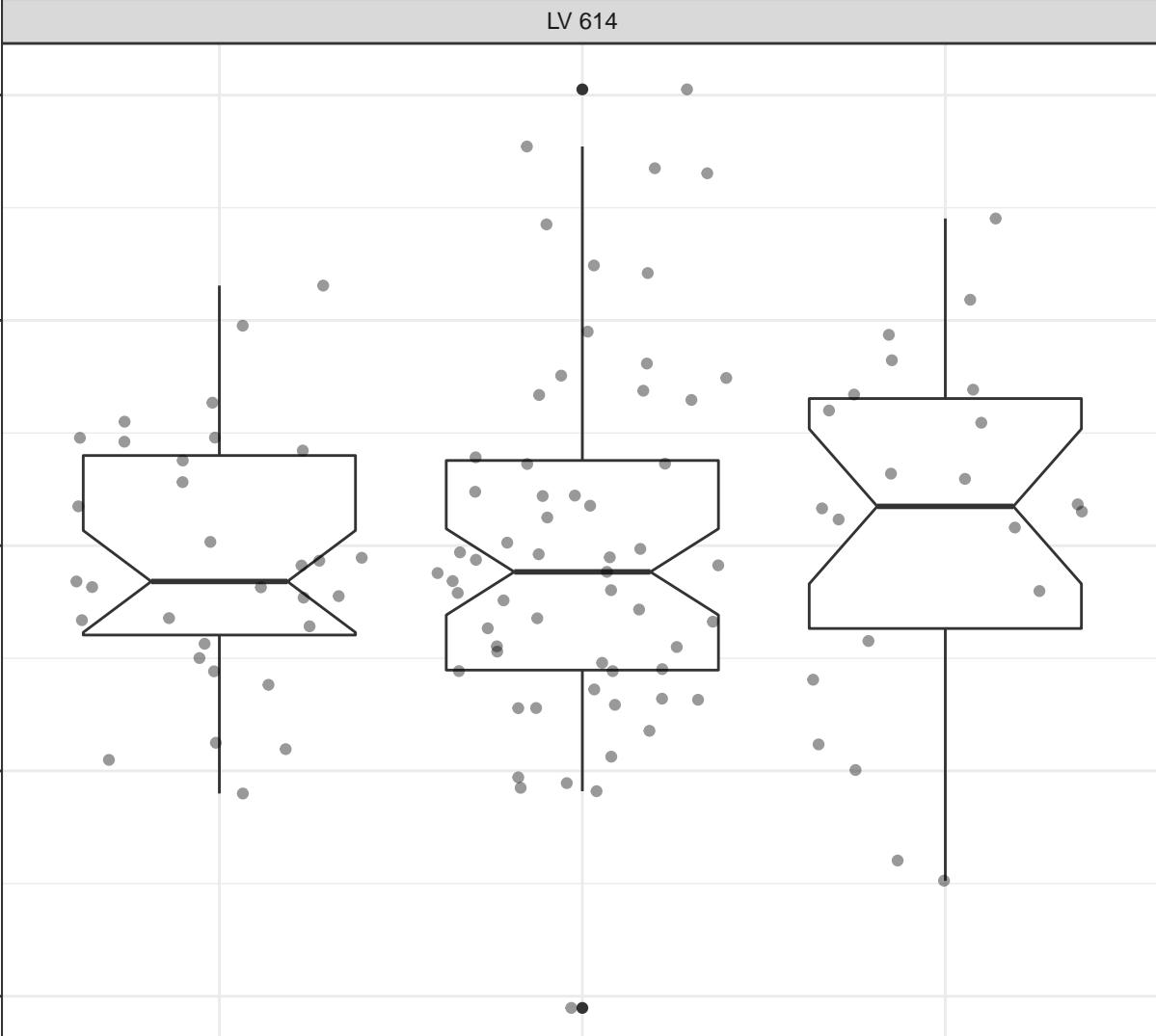
-0.06

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

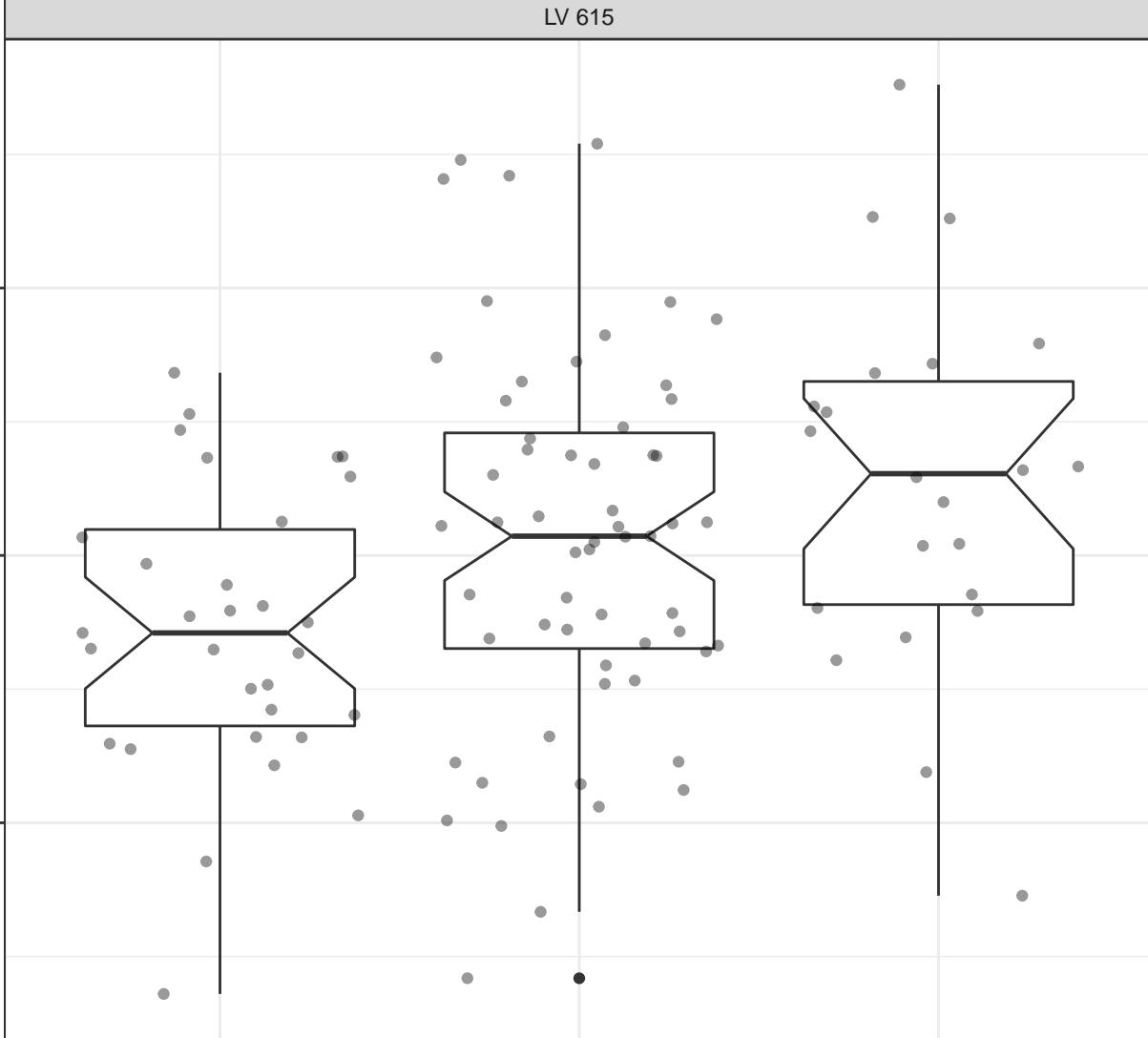
-0.05

Living donor control

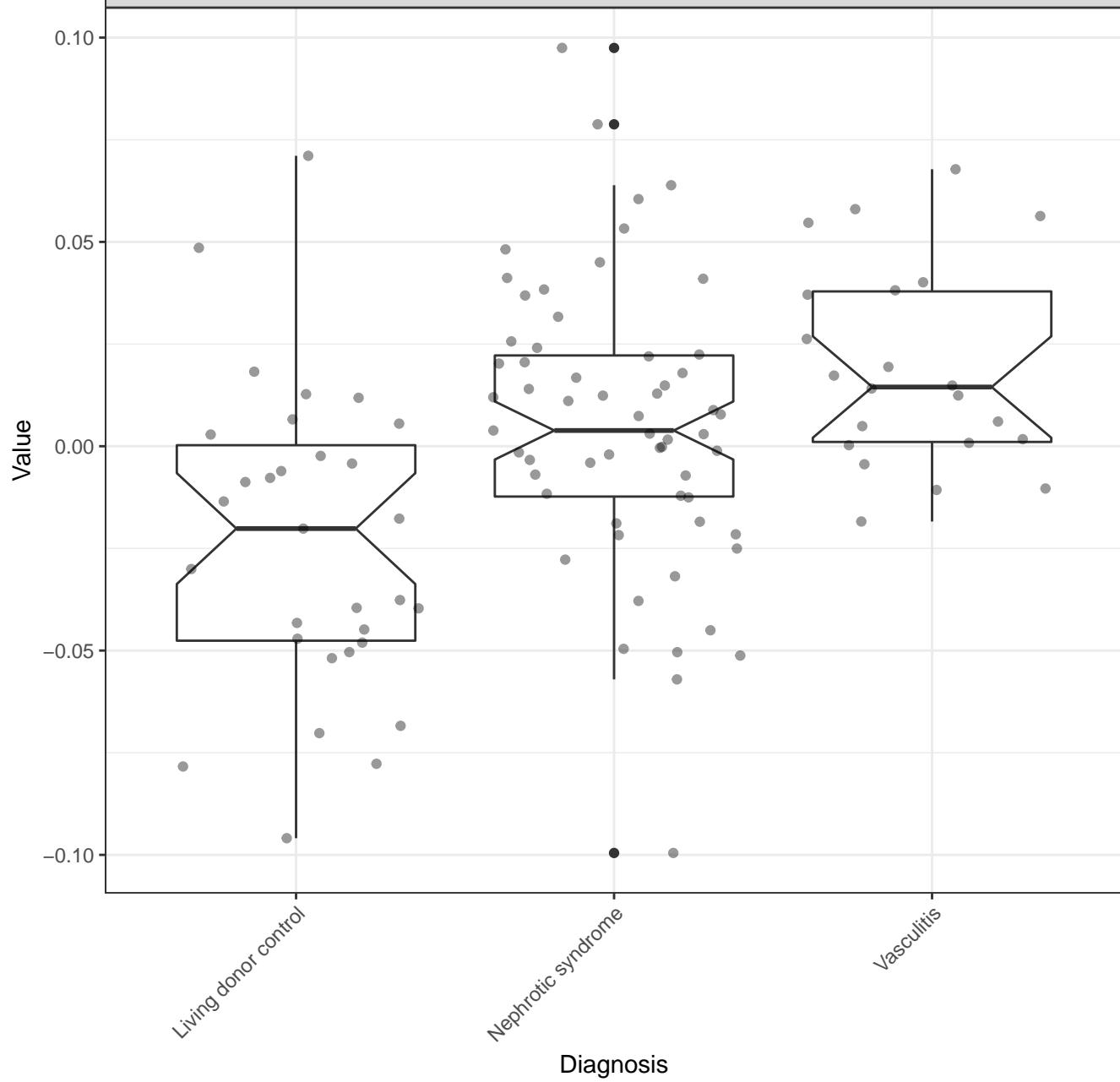
Nephrotic syndrome

Vasculitis

Diagnosis



LV 616



LV 617

Value

0.10

0.05

0.00

-0.05

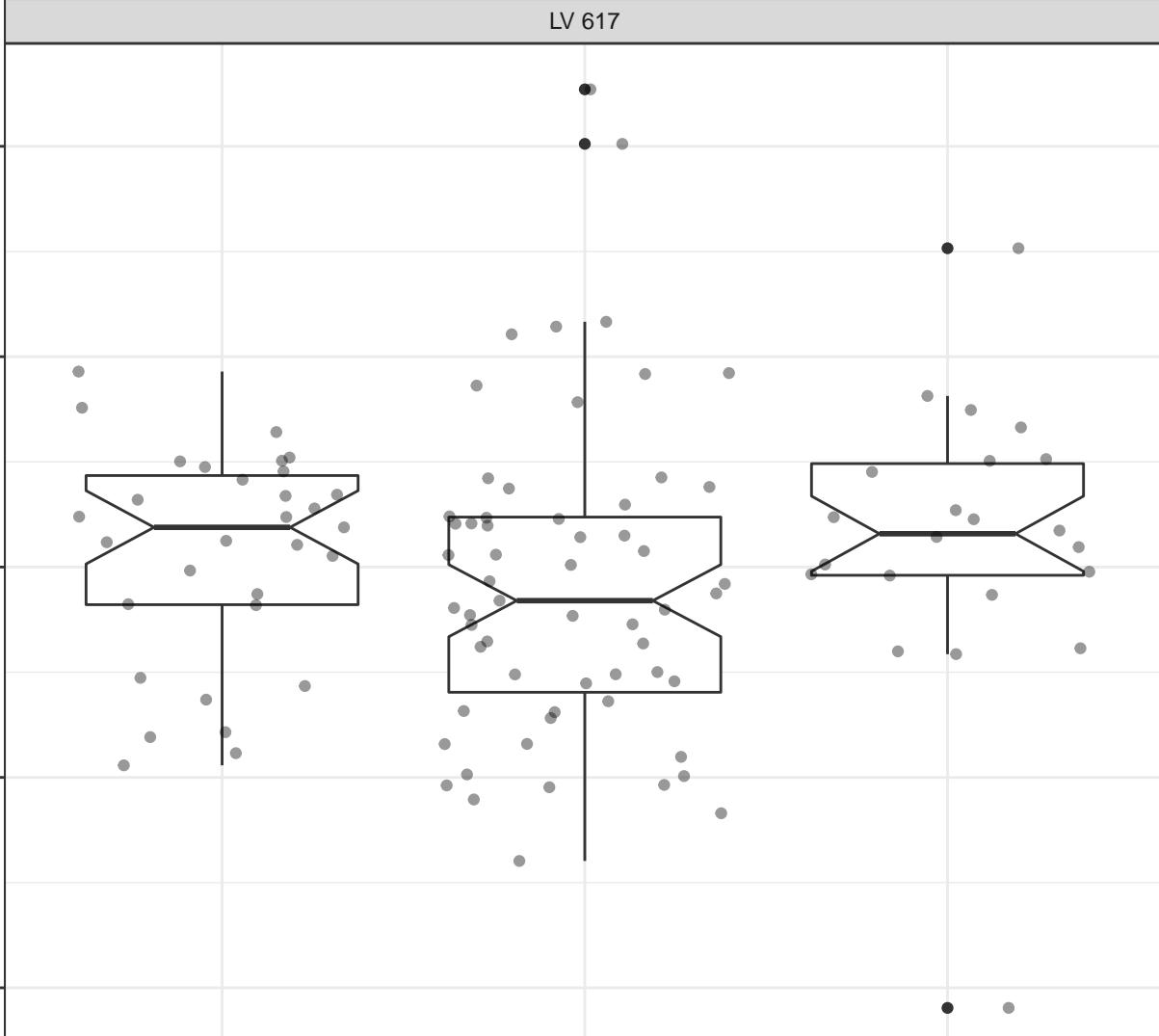
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

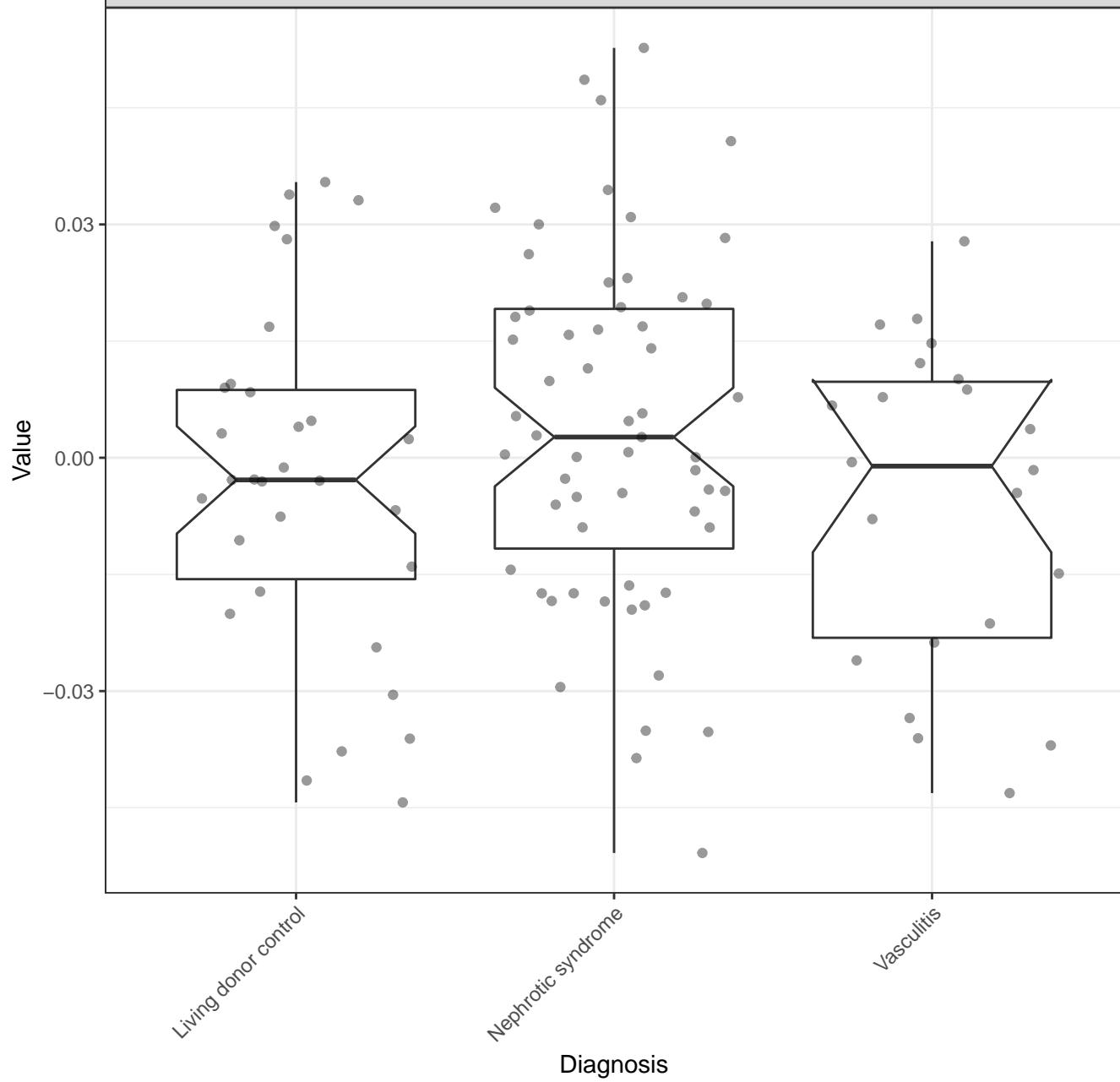
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 620

Value

0.05

0.00

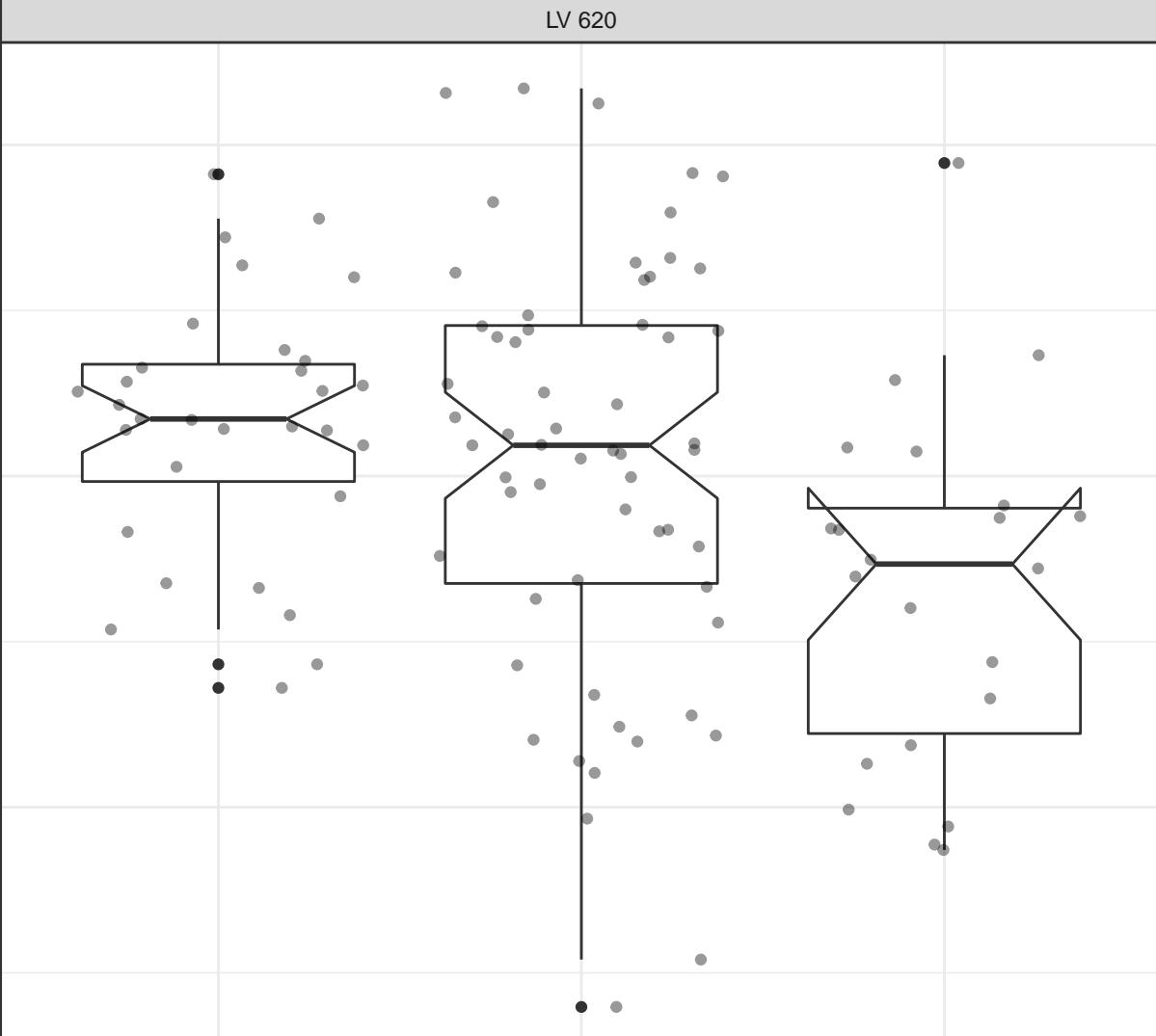
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

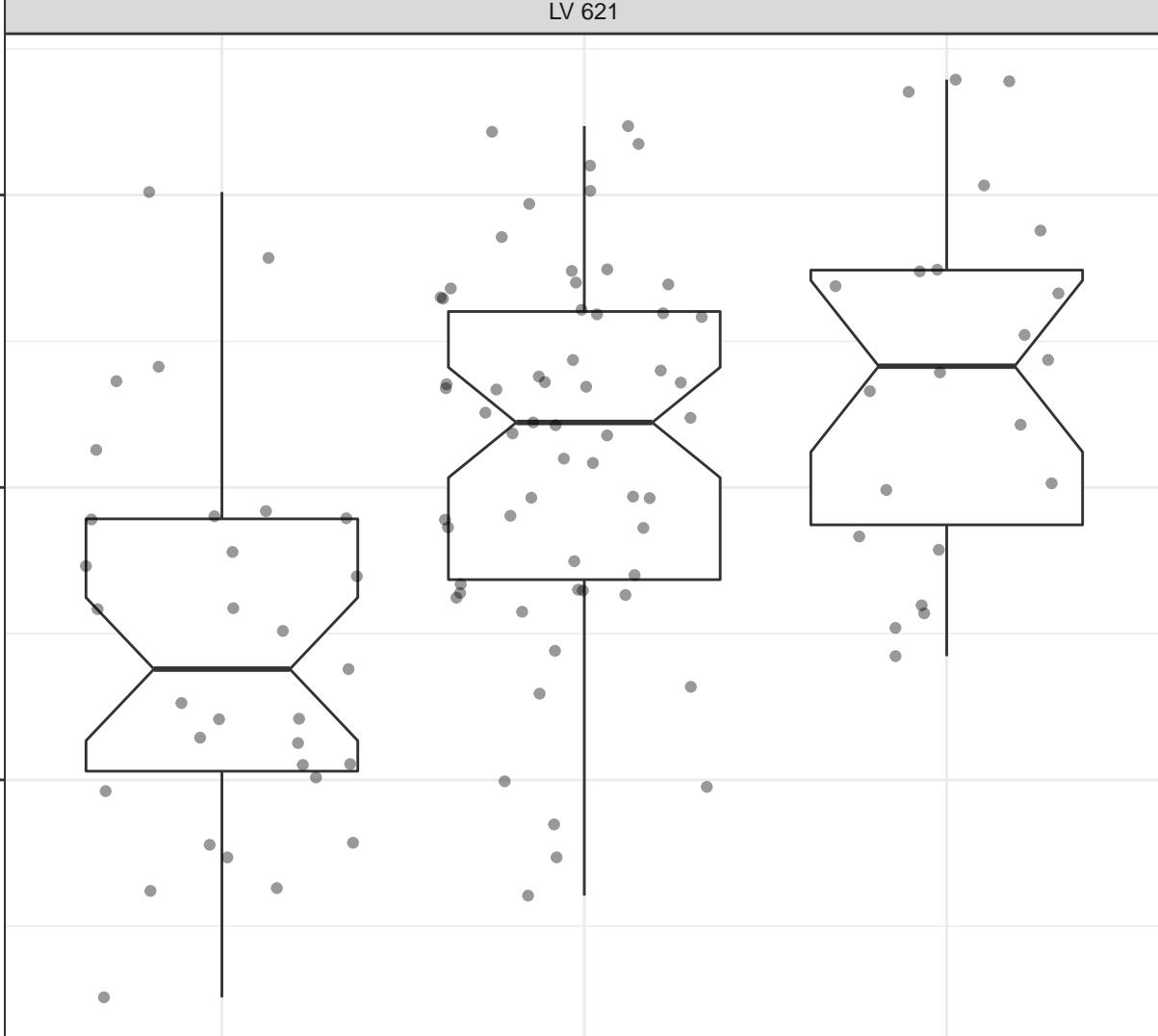
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

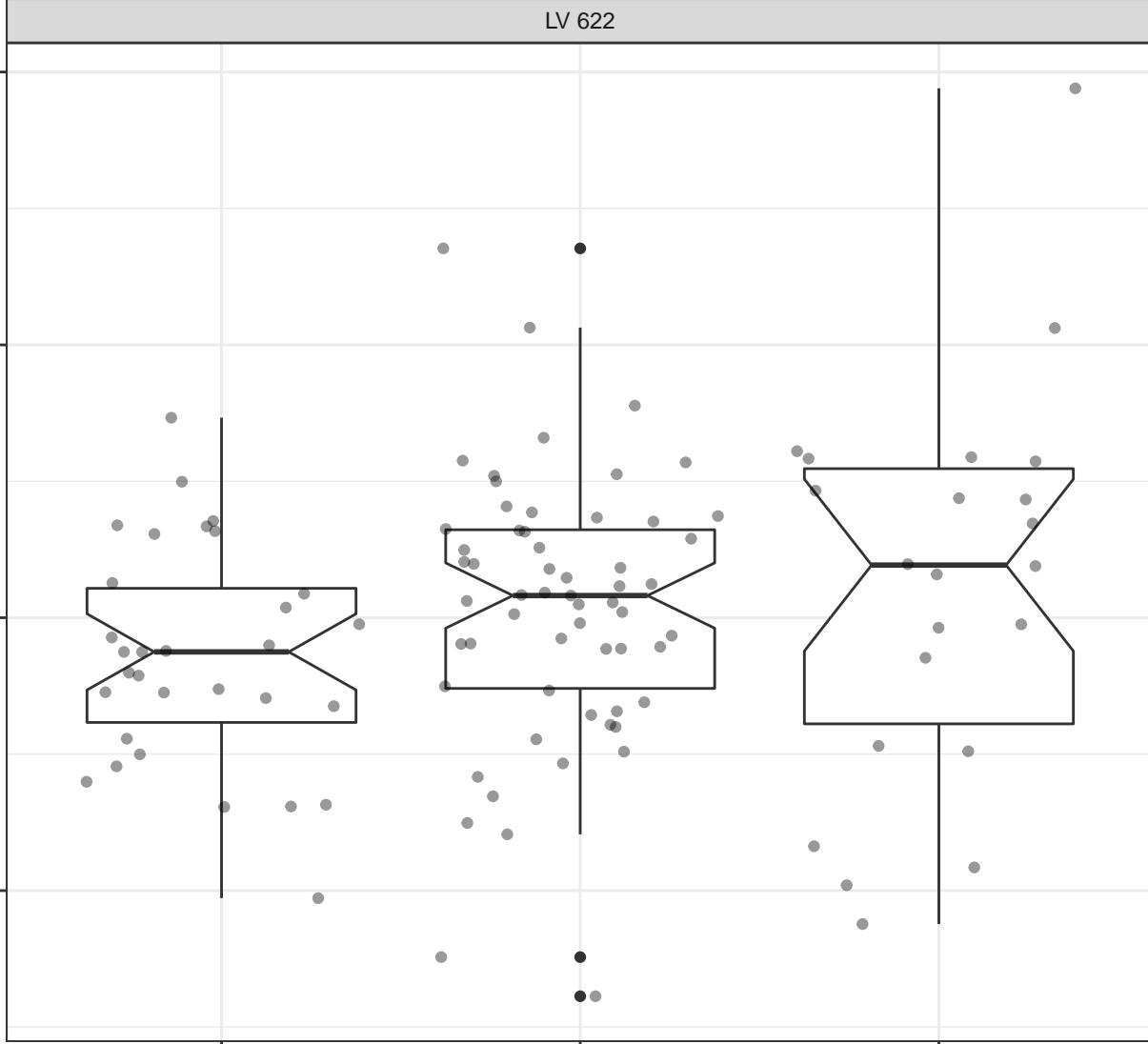
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.2

0.1

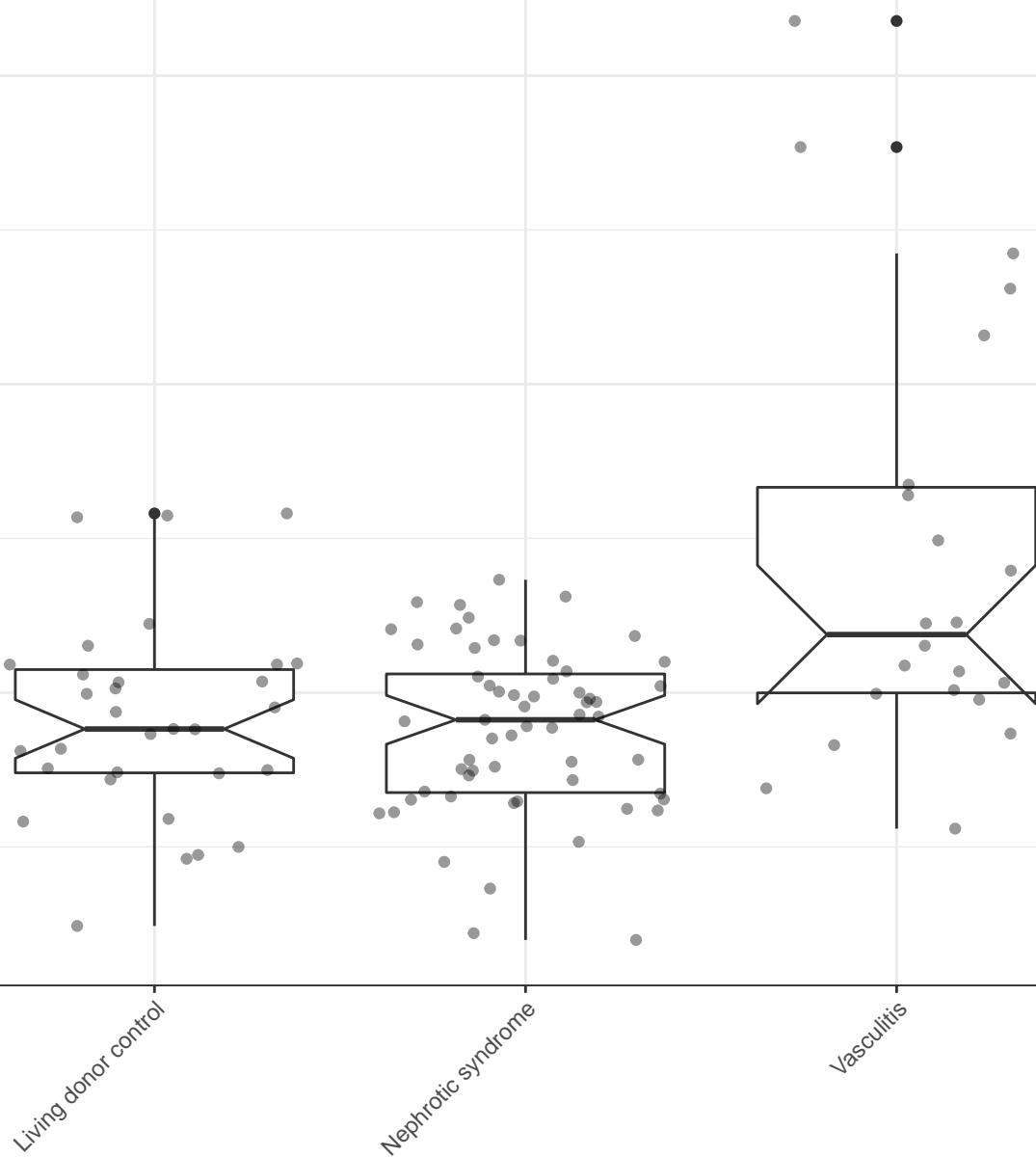
0.0

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

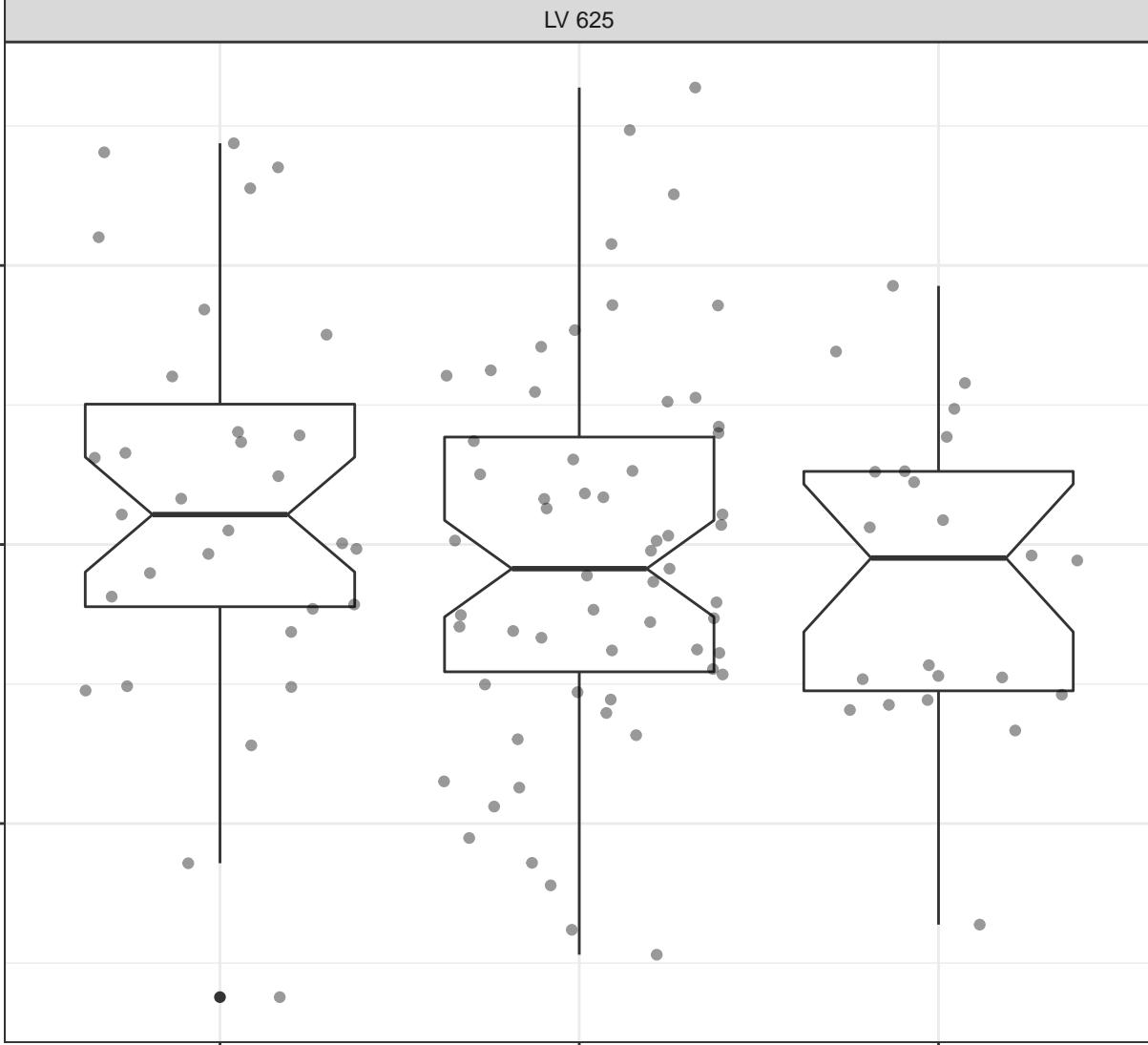
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 626

Value

0.06

0.03

0.00

-0.03

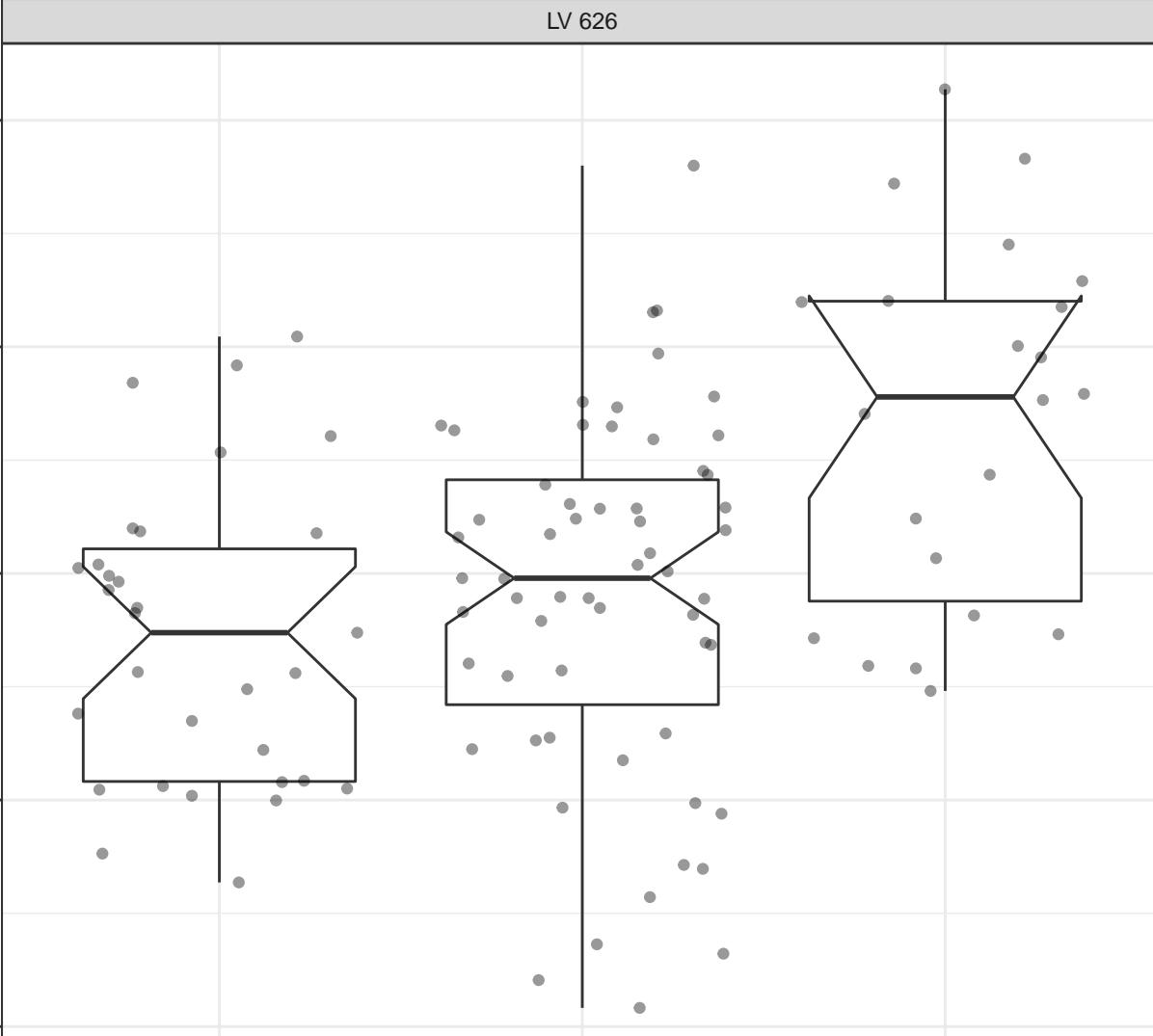
-0.06

Living donor control

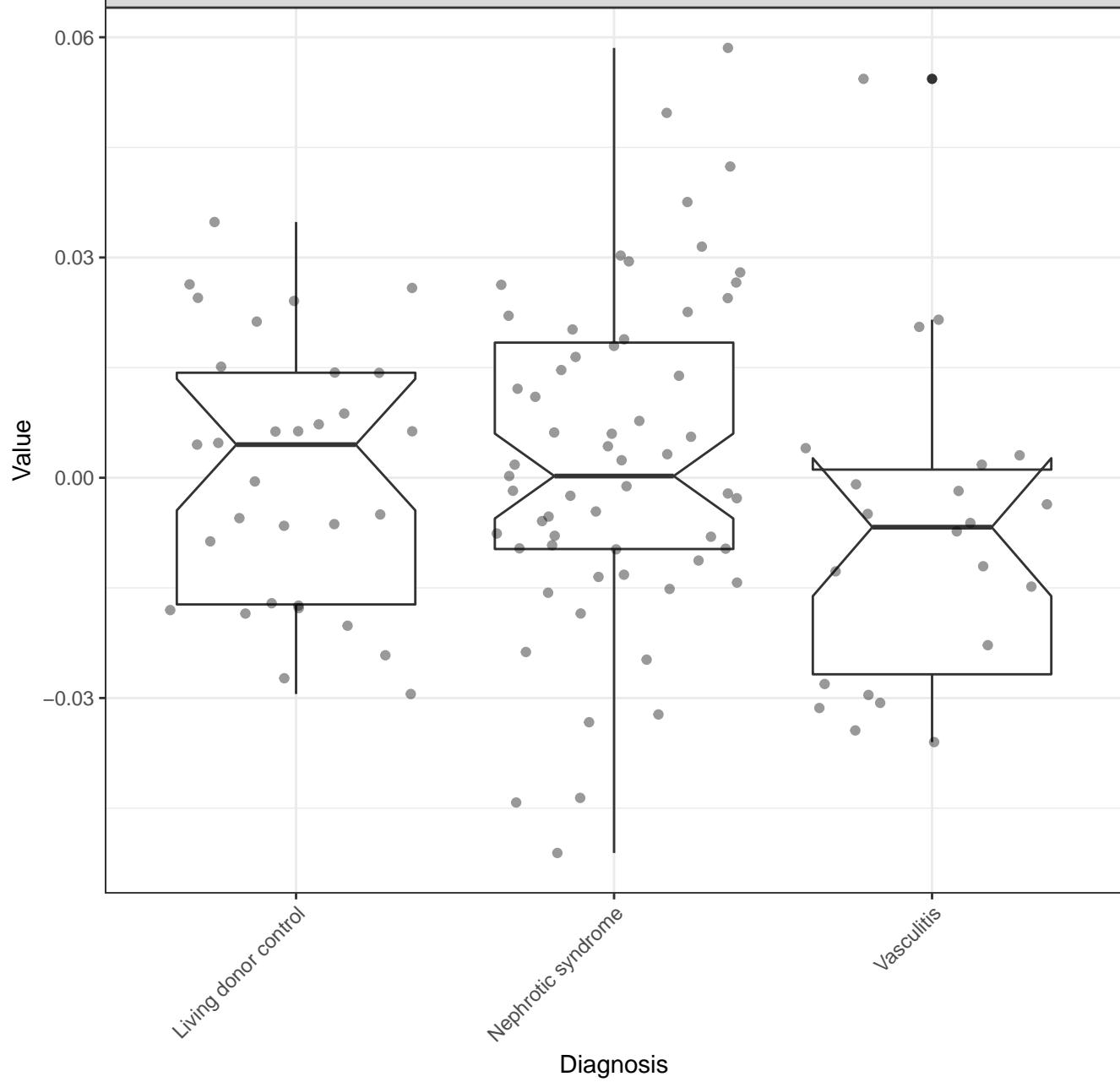
Nephrotic syndrome

Vasculitis

Diagnosis



LV 627



LV 628

Value

0.05

0.00

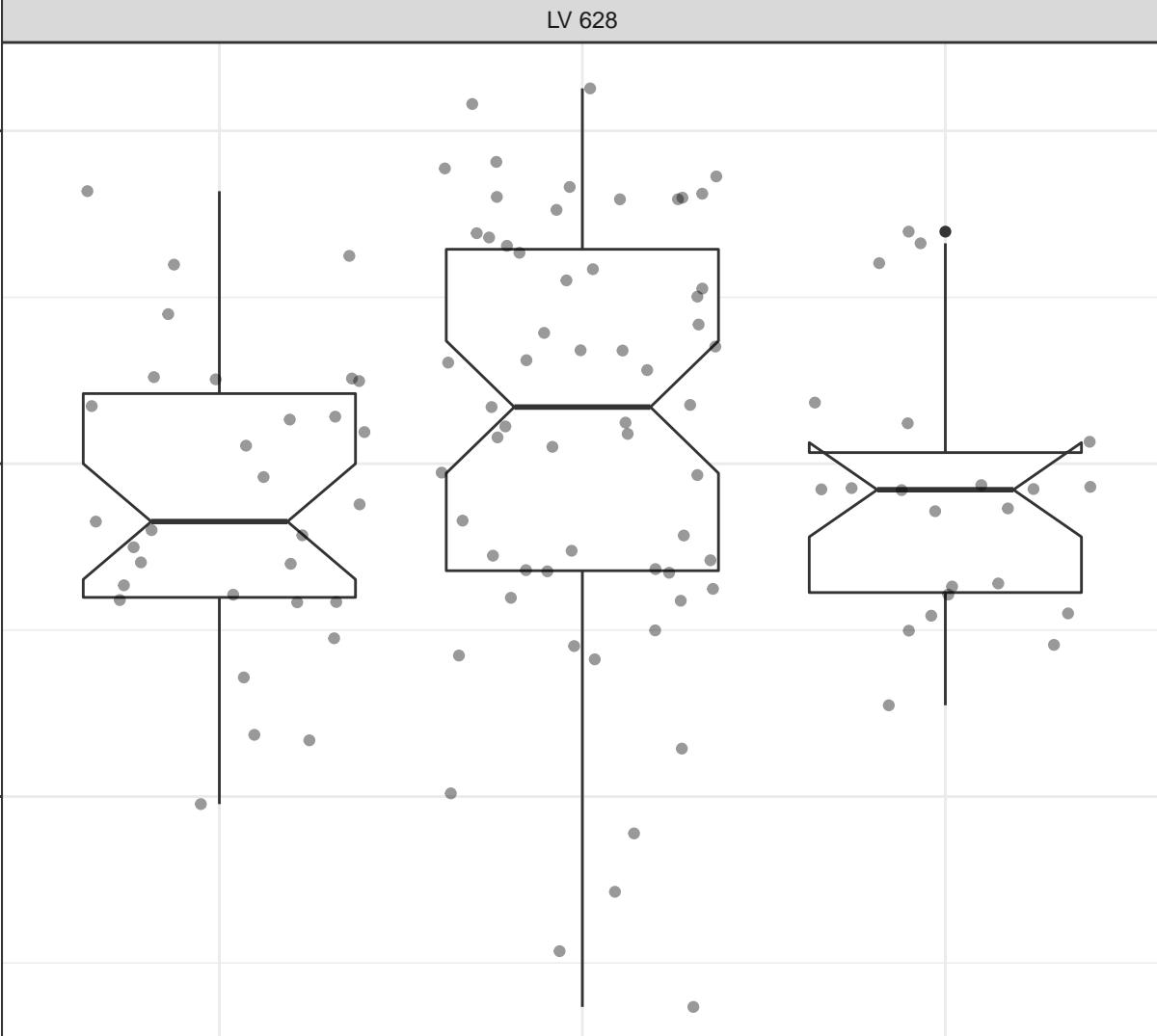
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 629

Value

0.04

0.00

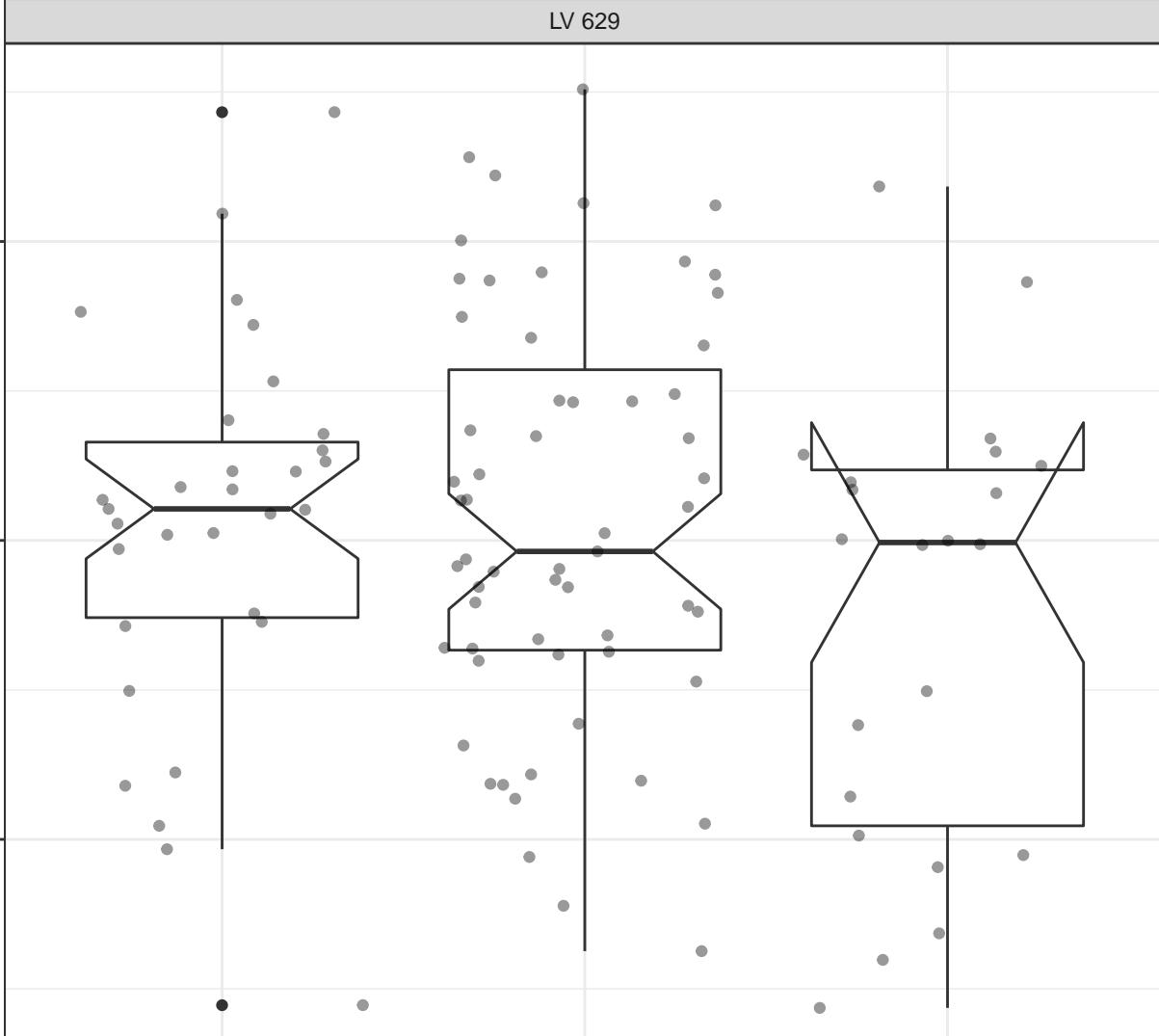
-0.04

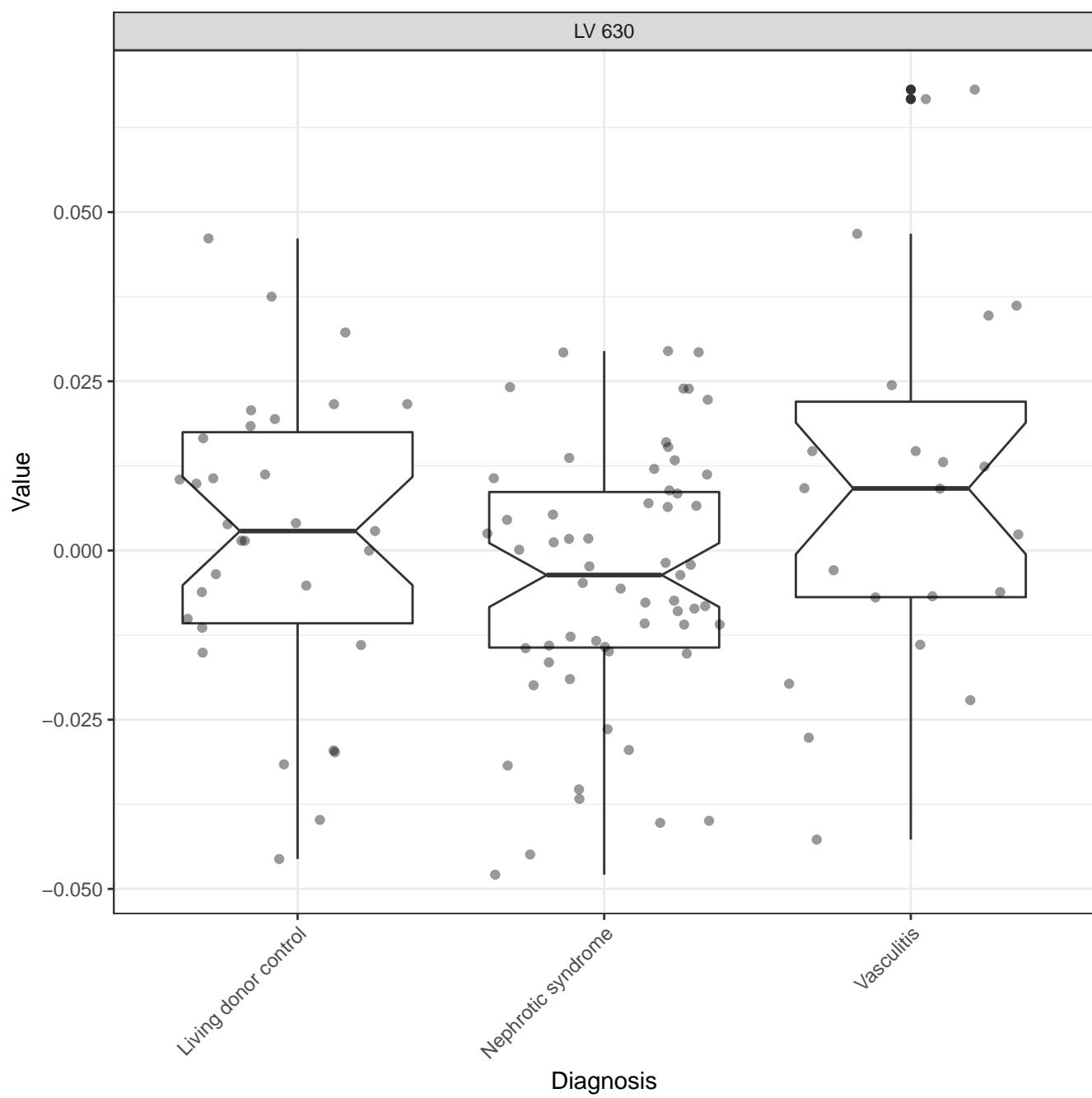
Living donor control

Nephrotic syndrome

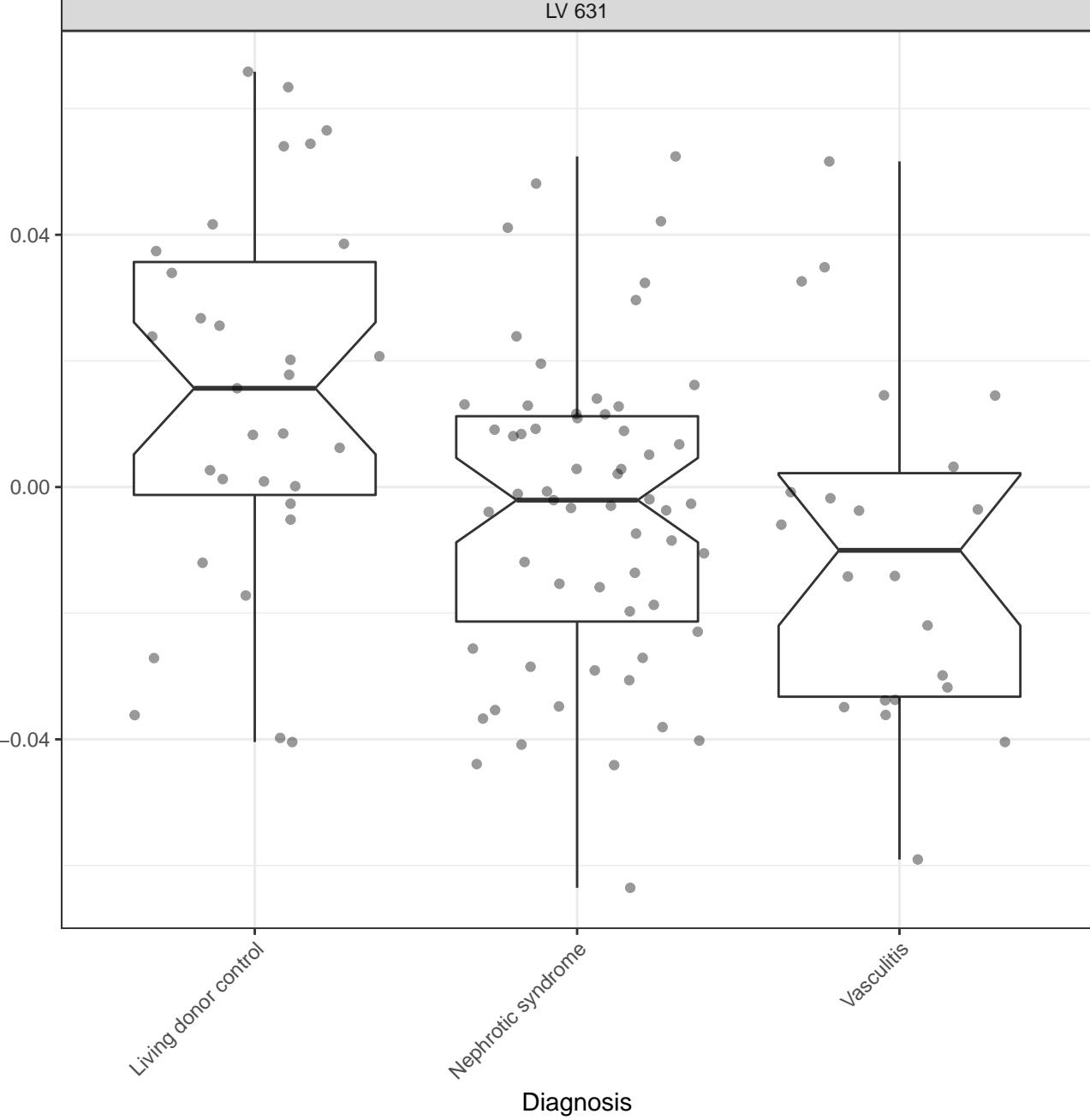
Vasculitis

Diagnosis

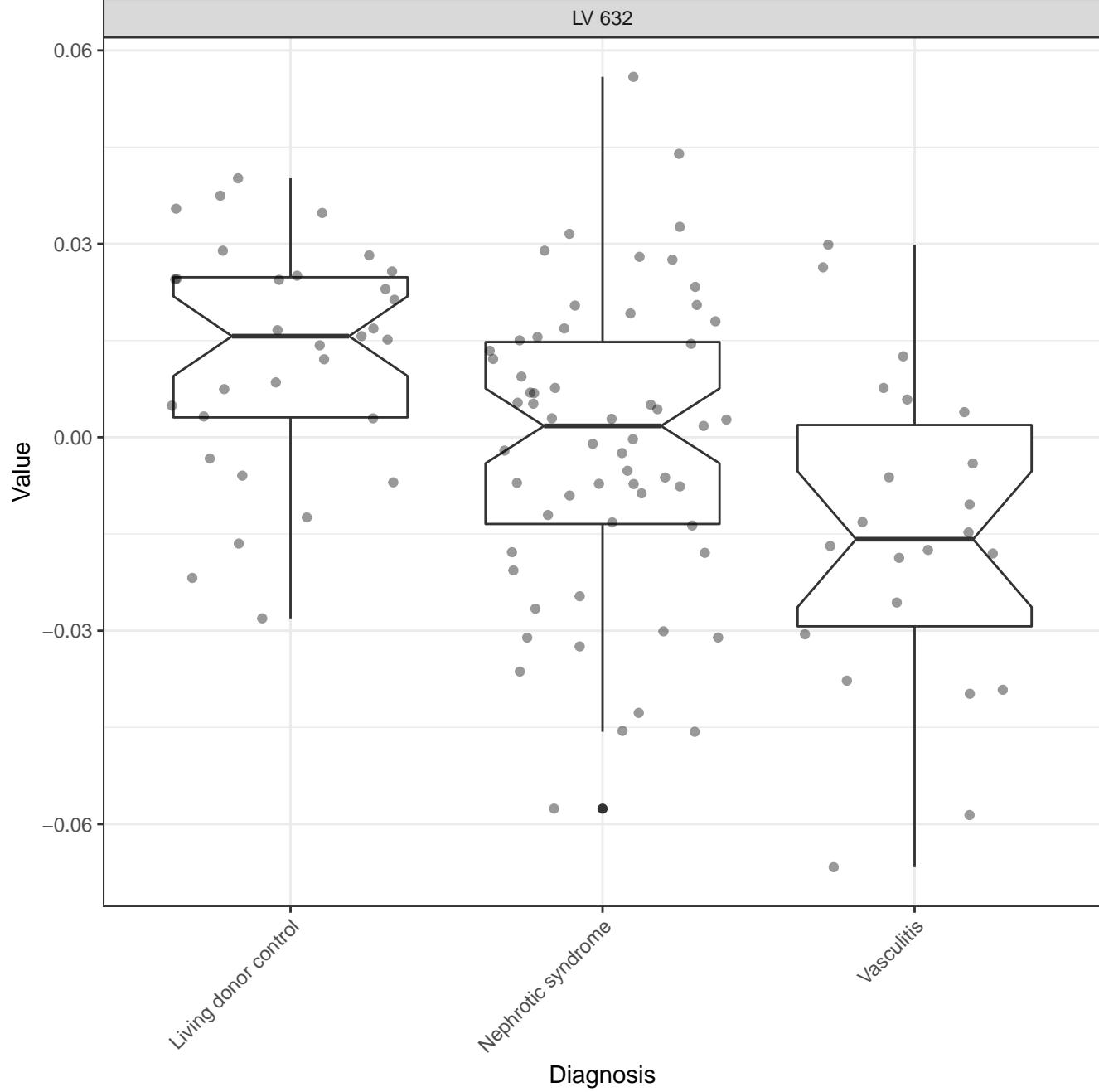




Value



LV 632



Value

0.10

0.05

0.00

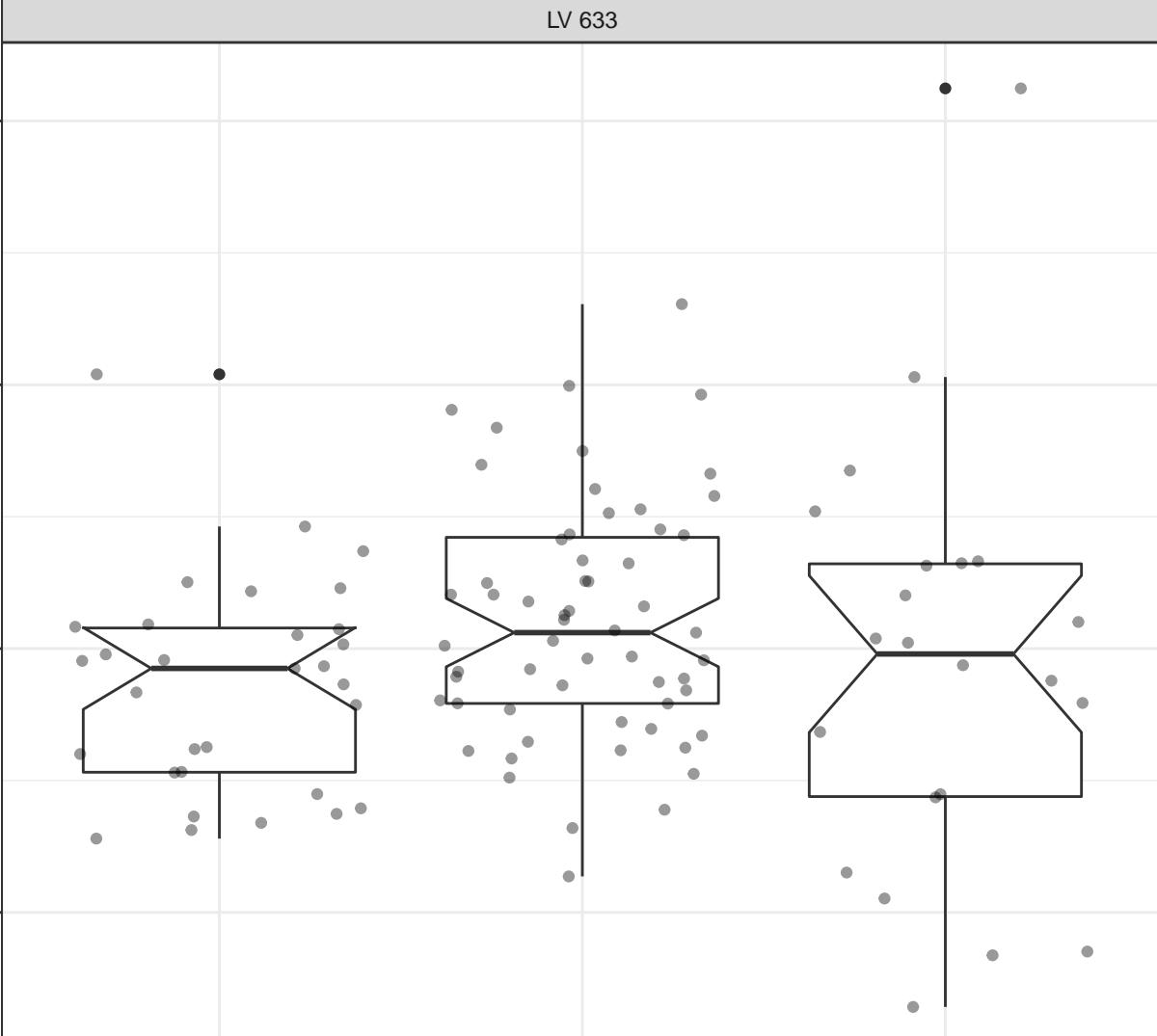
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 634

Value

0.04

0.00

-0.04

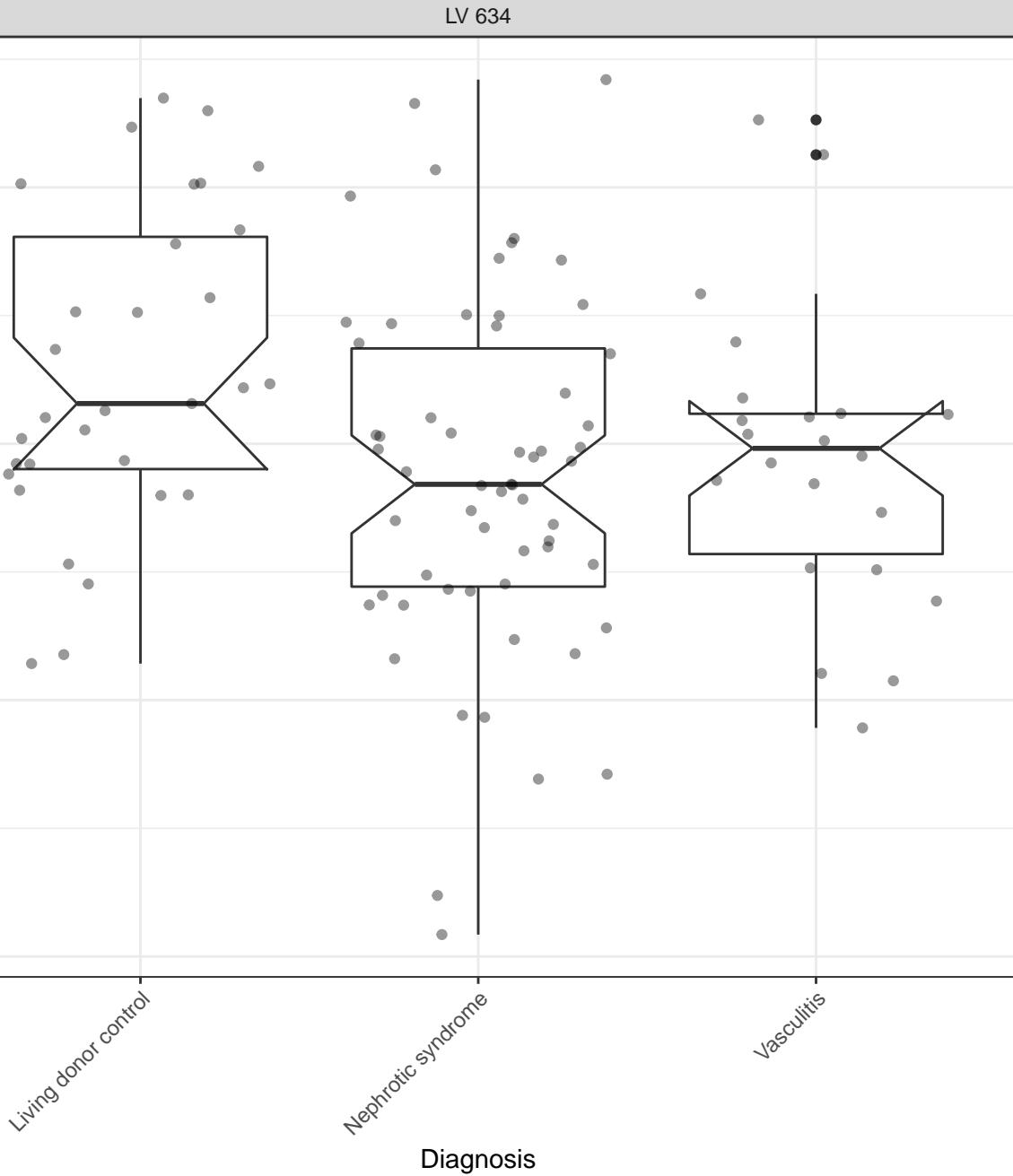
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

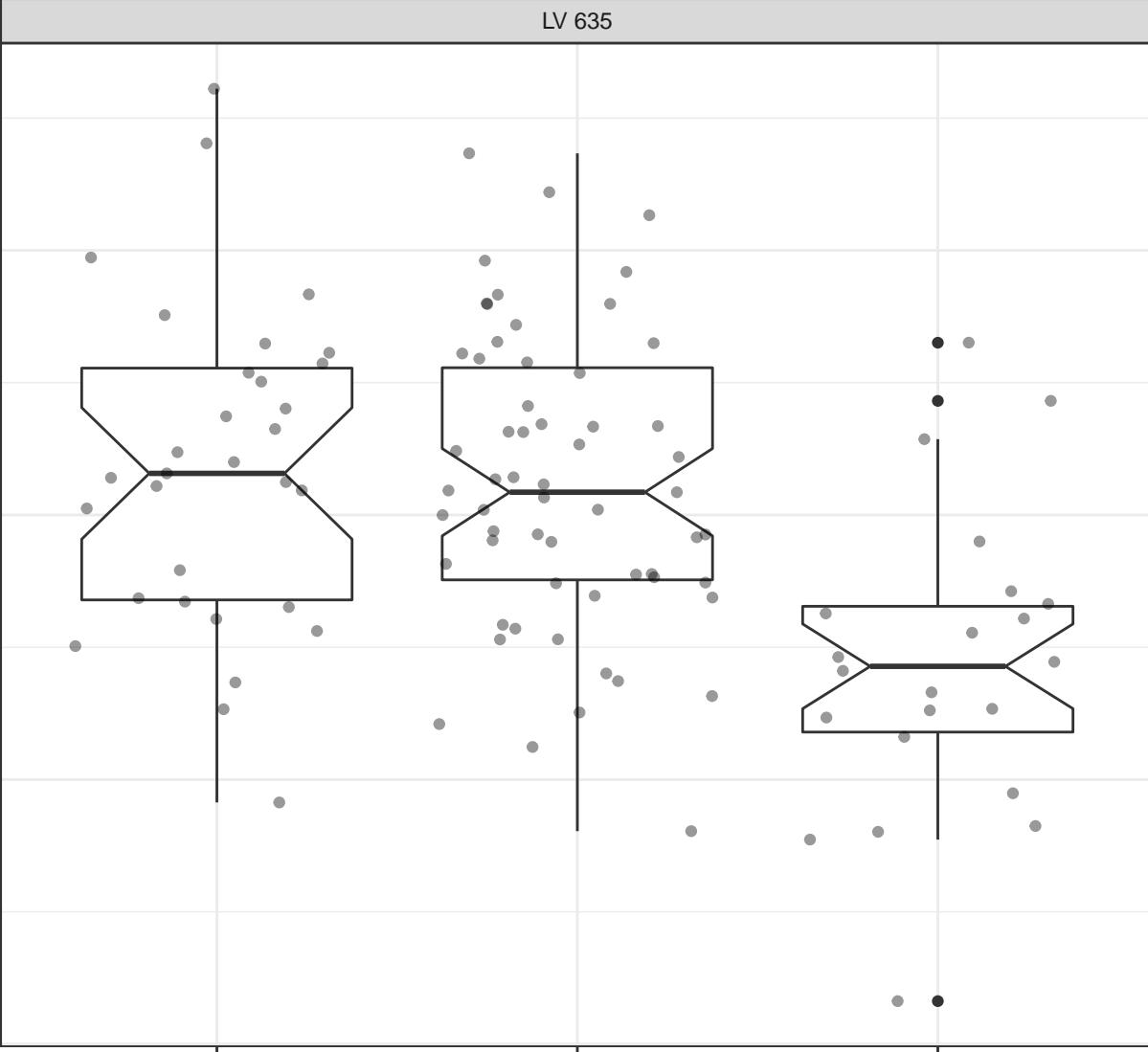
0.05  
0.00  
-0.05  
-0.10

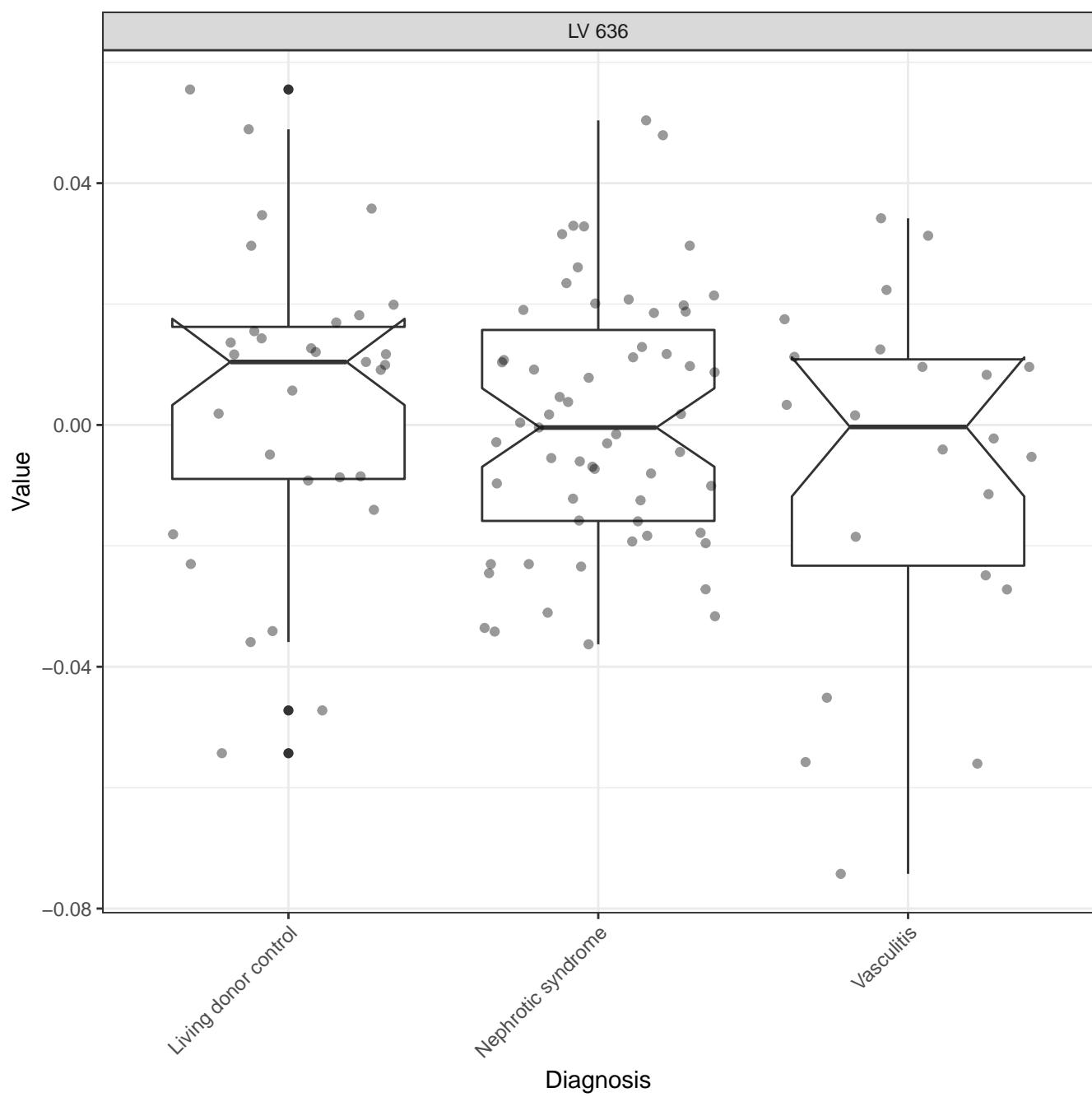
Living donor control

Nephrotic syndrome

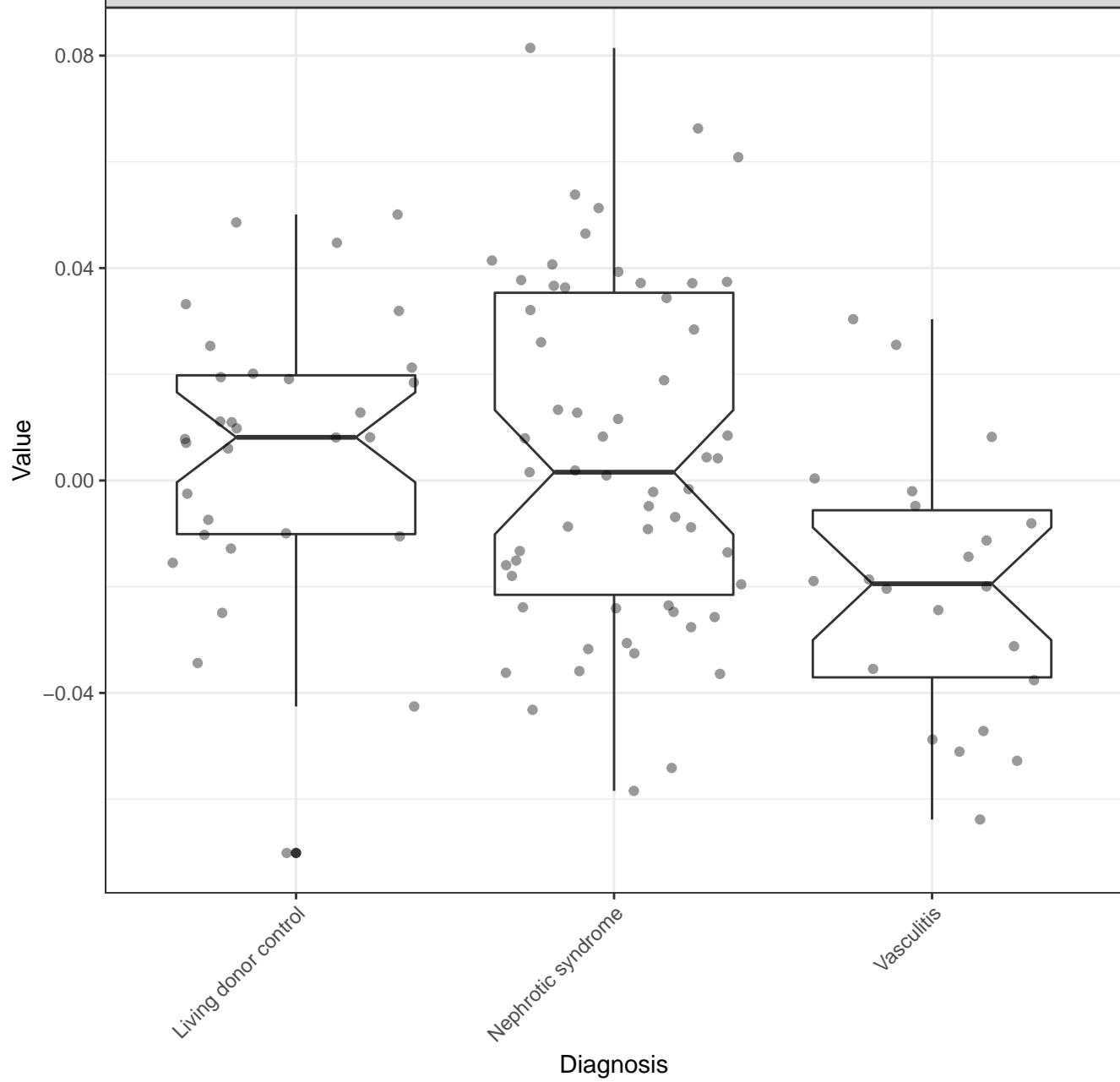
Vasculitis

Diagnosis





# 637,REACTOME\_METABOLISM\_OF\_LIPIDS\_AND\_LIPOPROTEINS



LV 638

Value

0.05

0.00

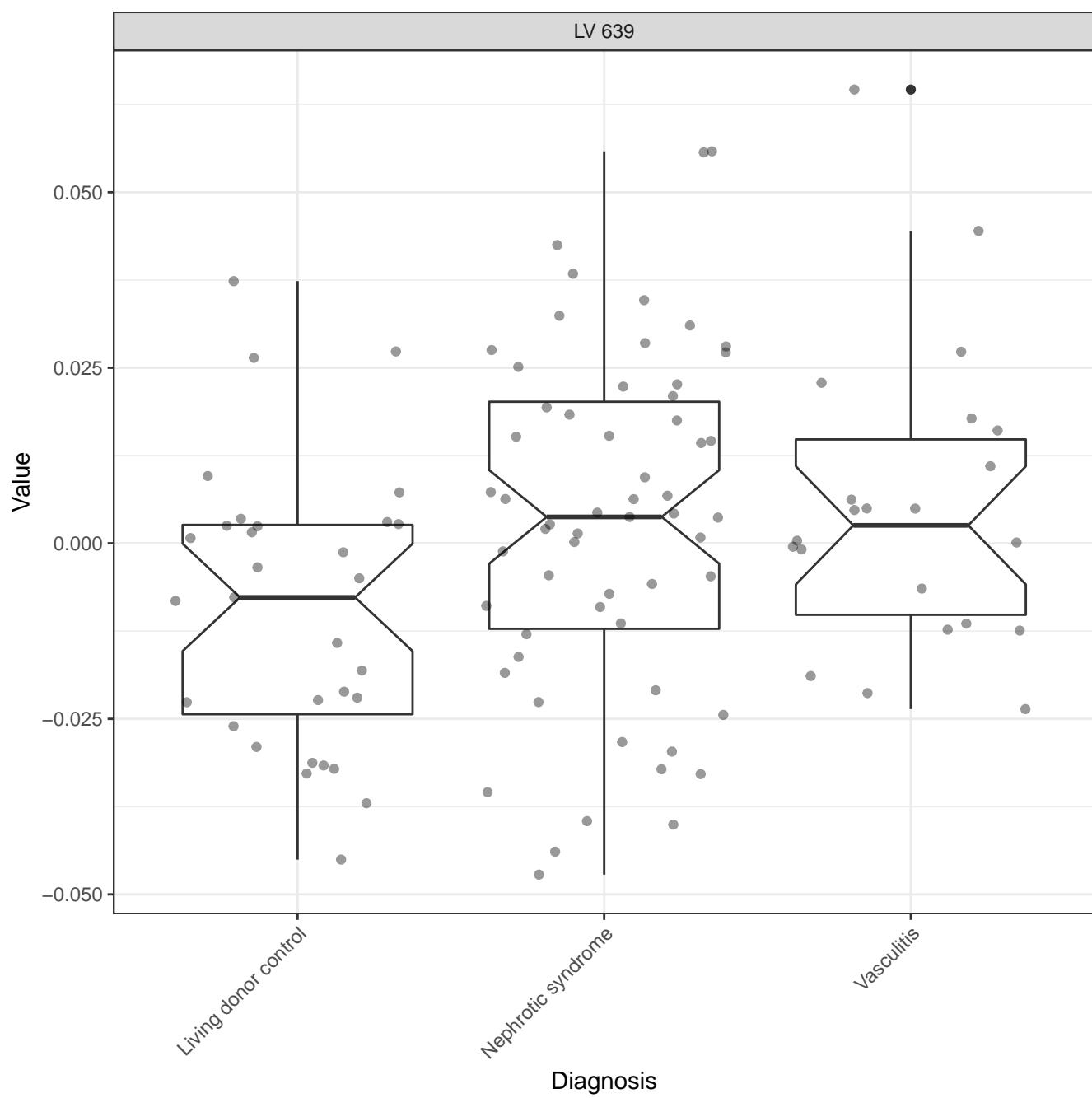
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

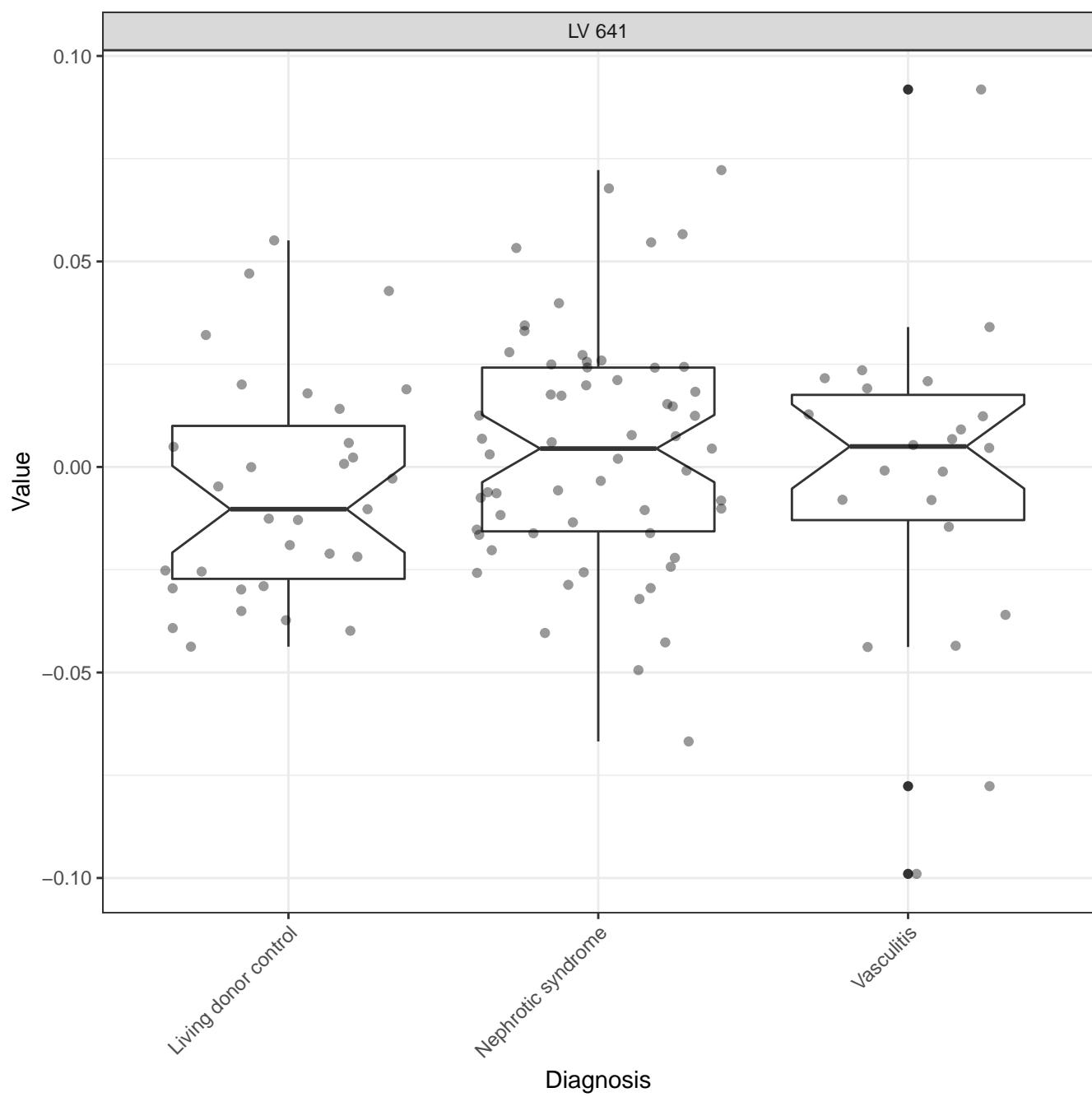
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 641



LV 642

Value

0.05

0.00

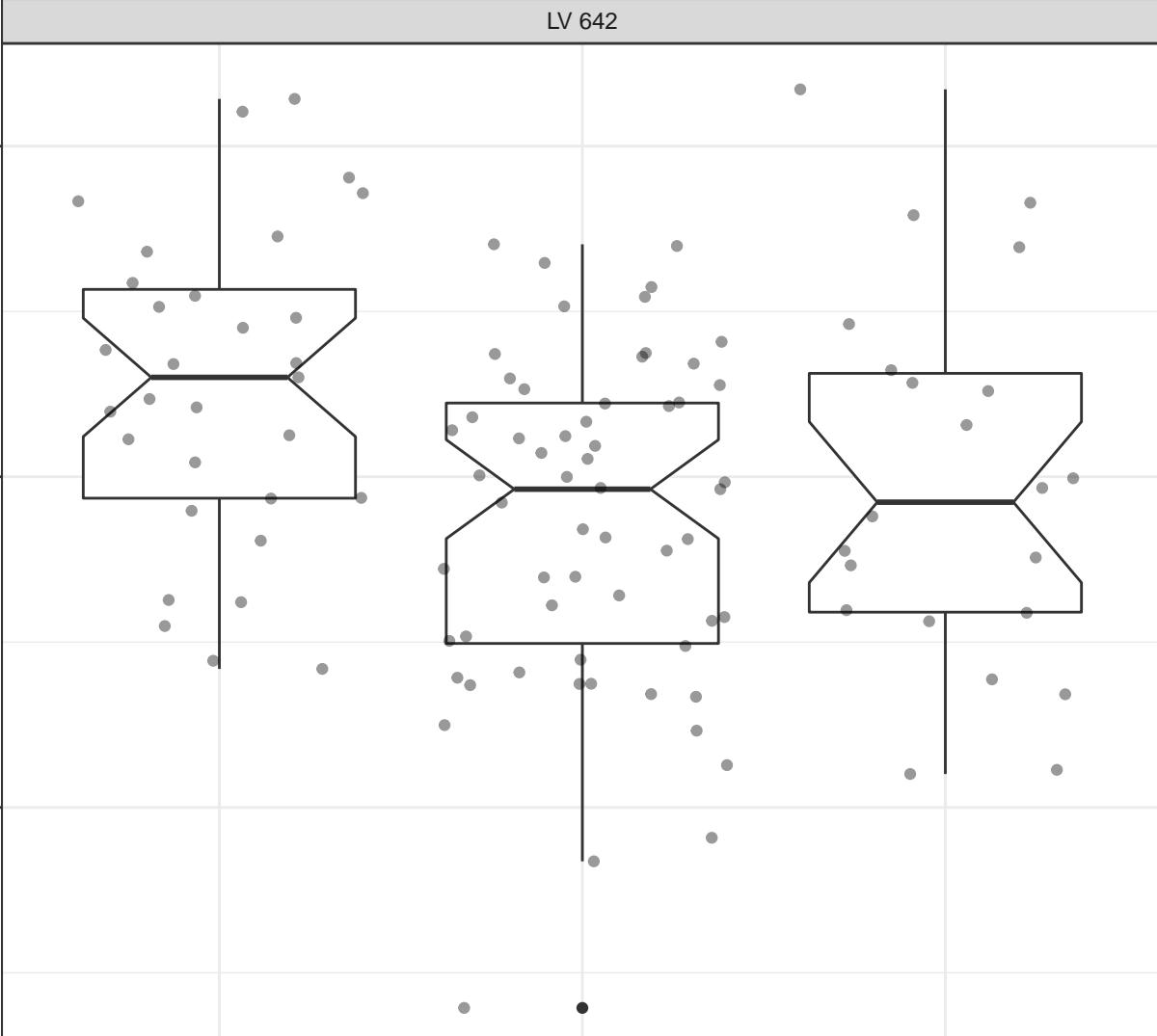
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 643

Value

0.06

0.03

0.00

-0.03

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 644

Value

0.05

0.00

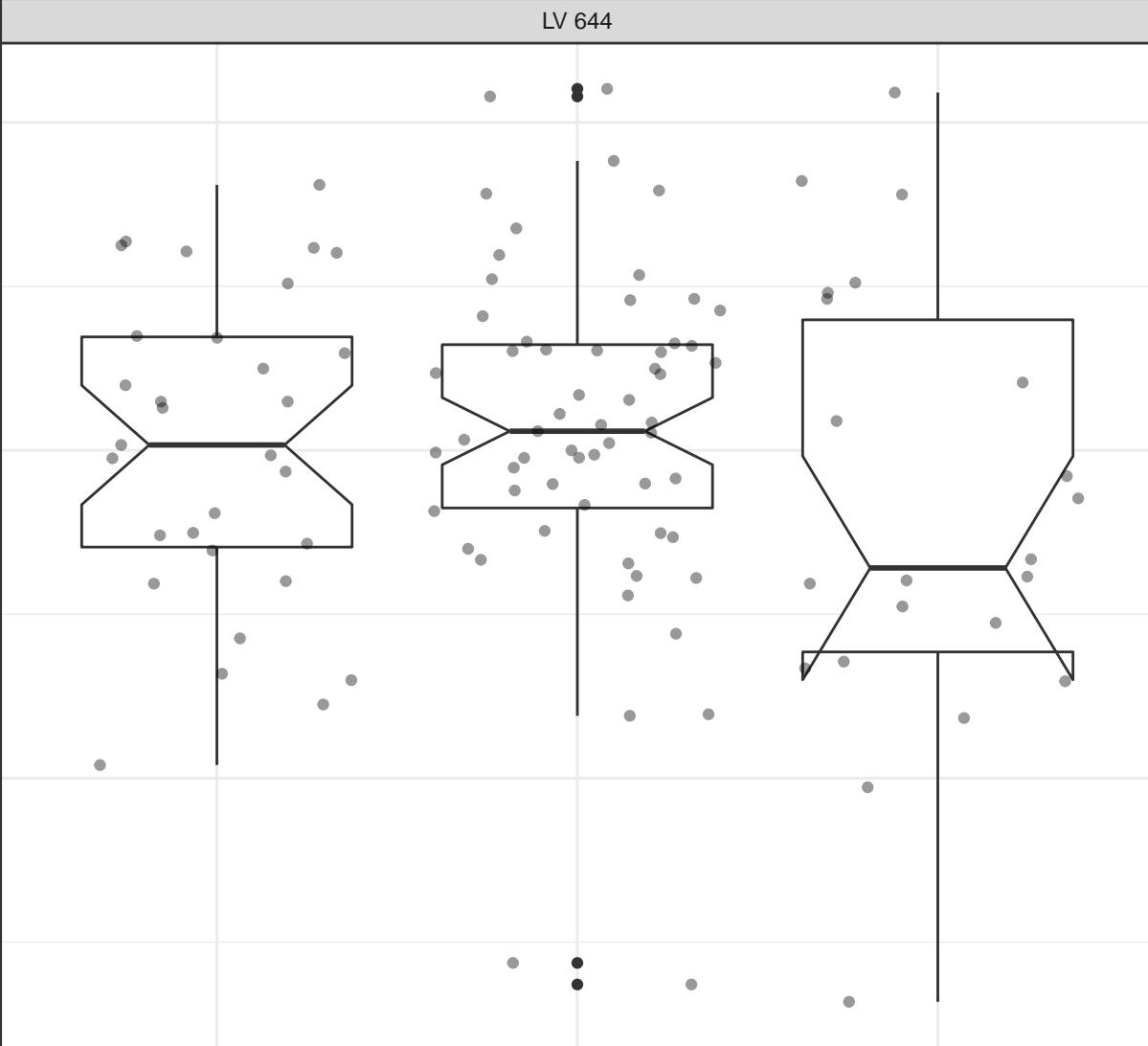
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 645

Value

0.10

0.05

0.00

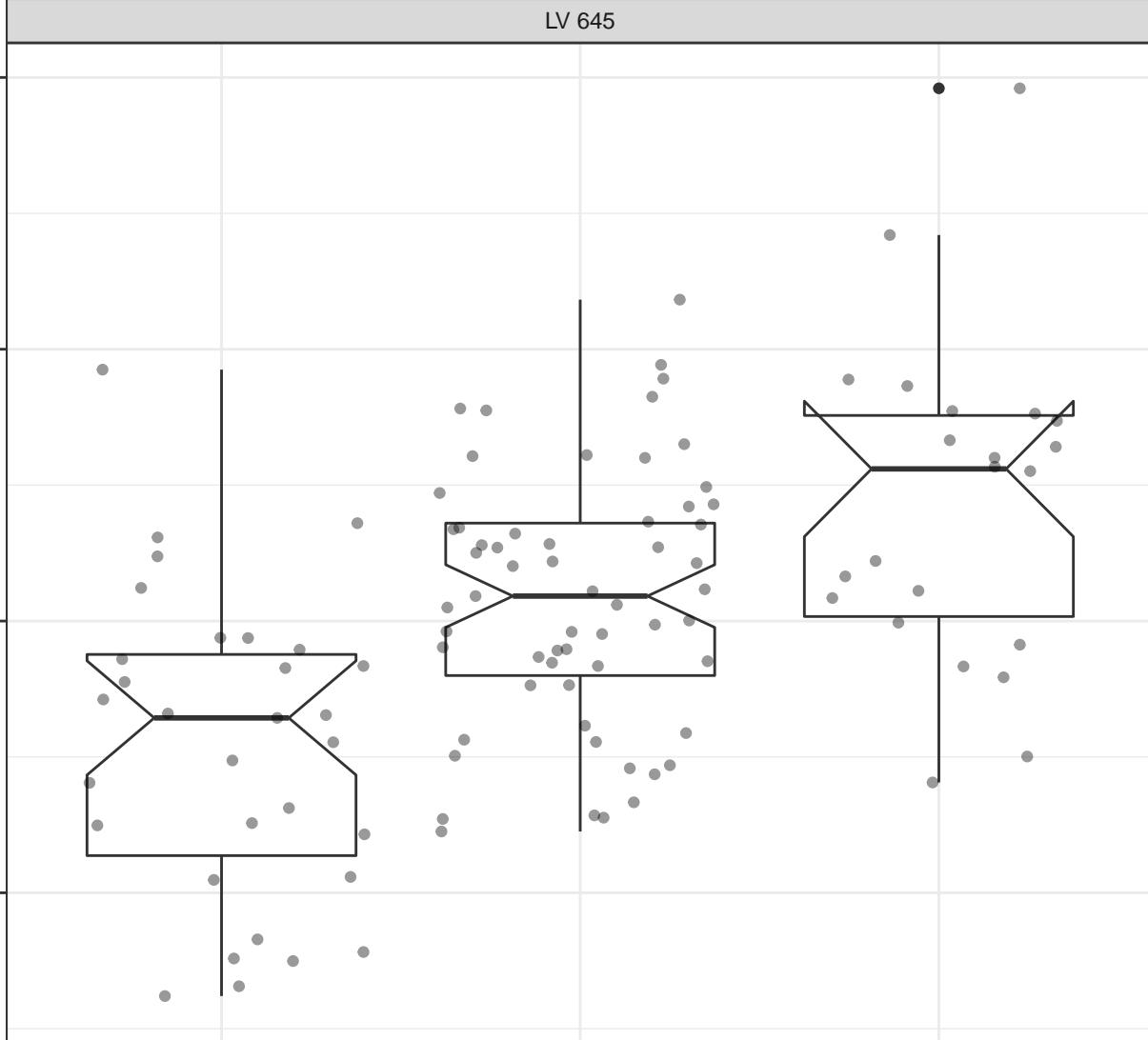
-0.05

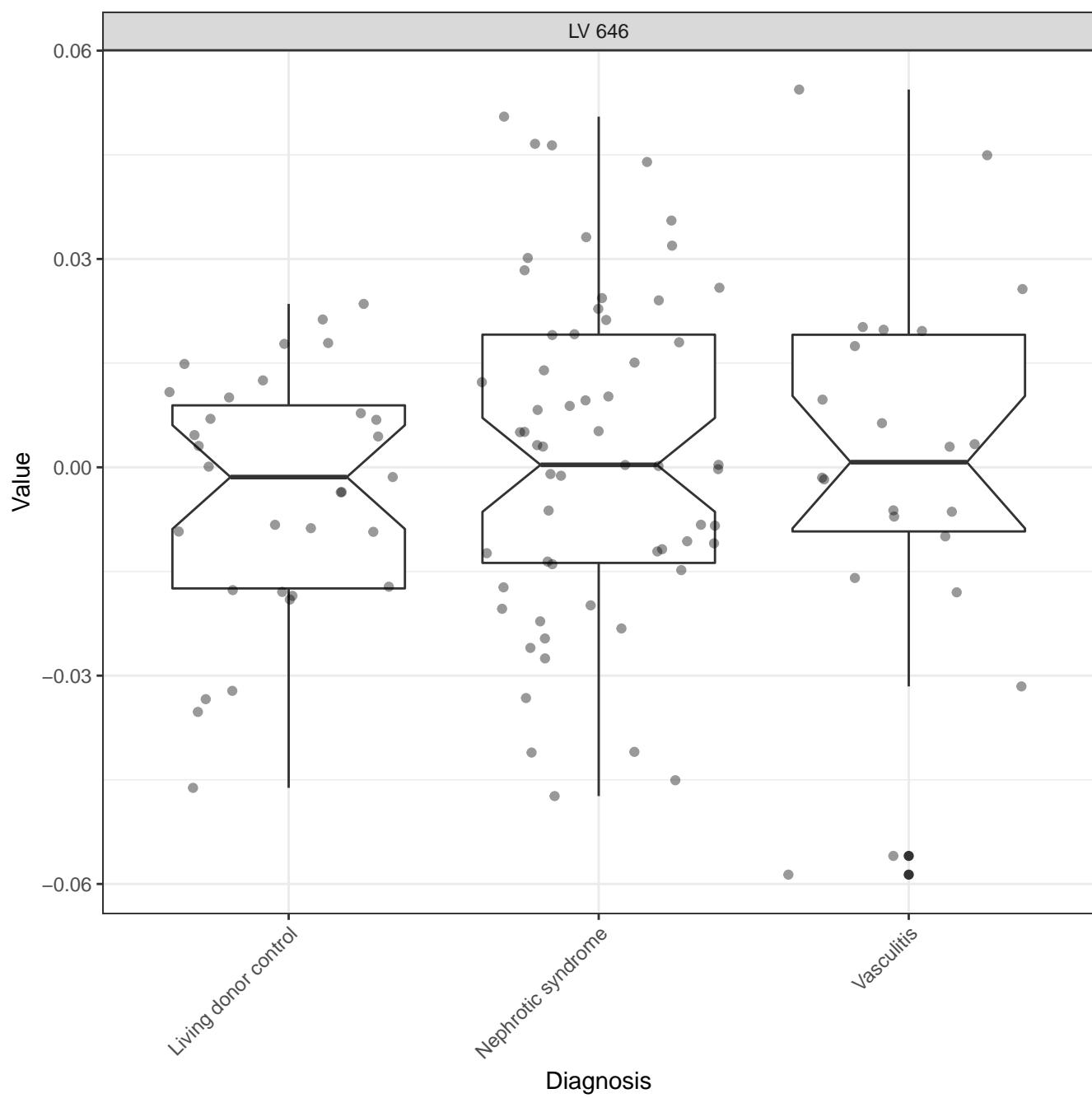
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 647

Value

0.10

0.05

0.00

-0.05

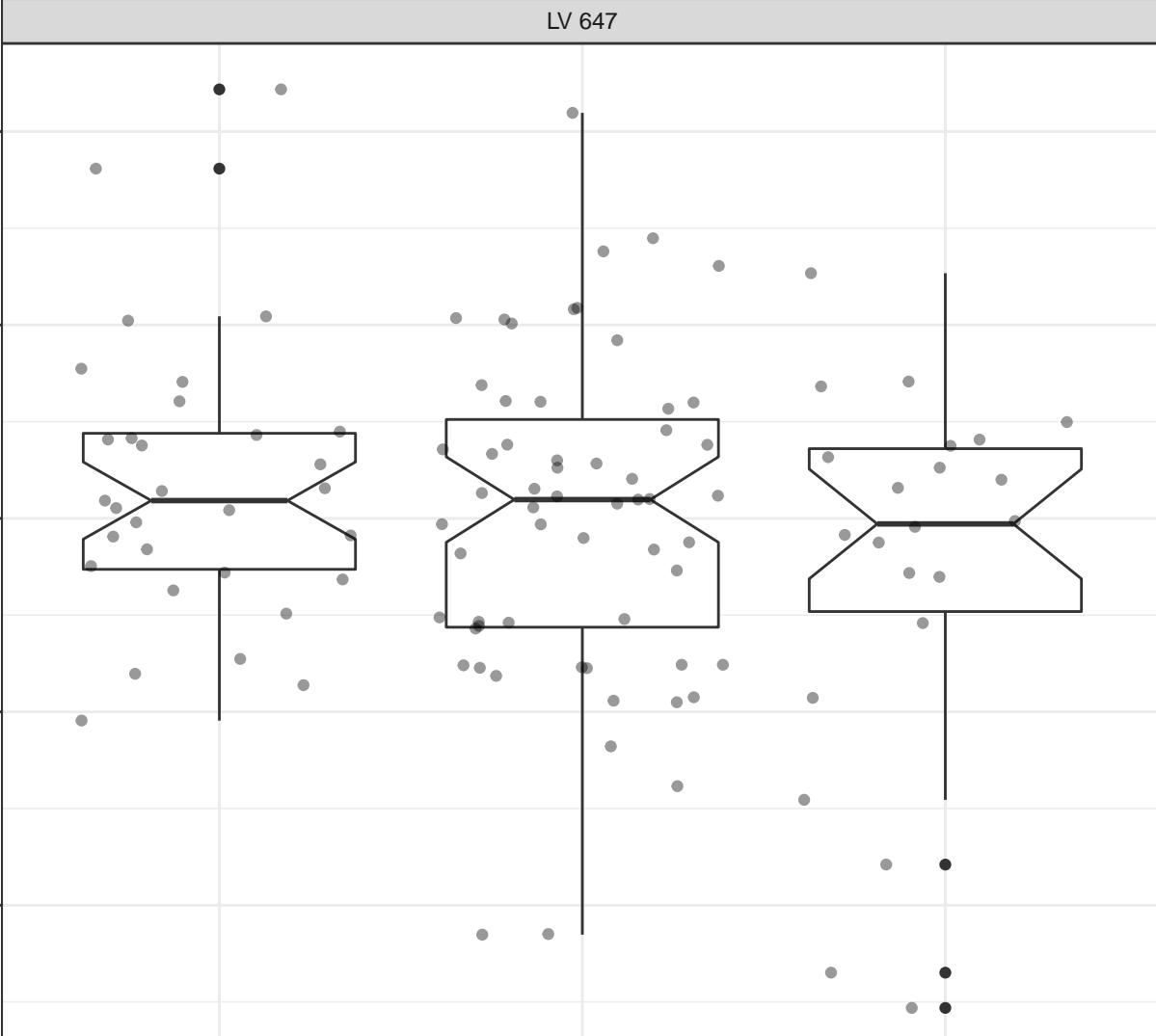
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 648

Value

0.05

0.01

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

## 649,IRIS\_Monocyte–Day1

Value

0.2

0.1

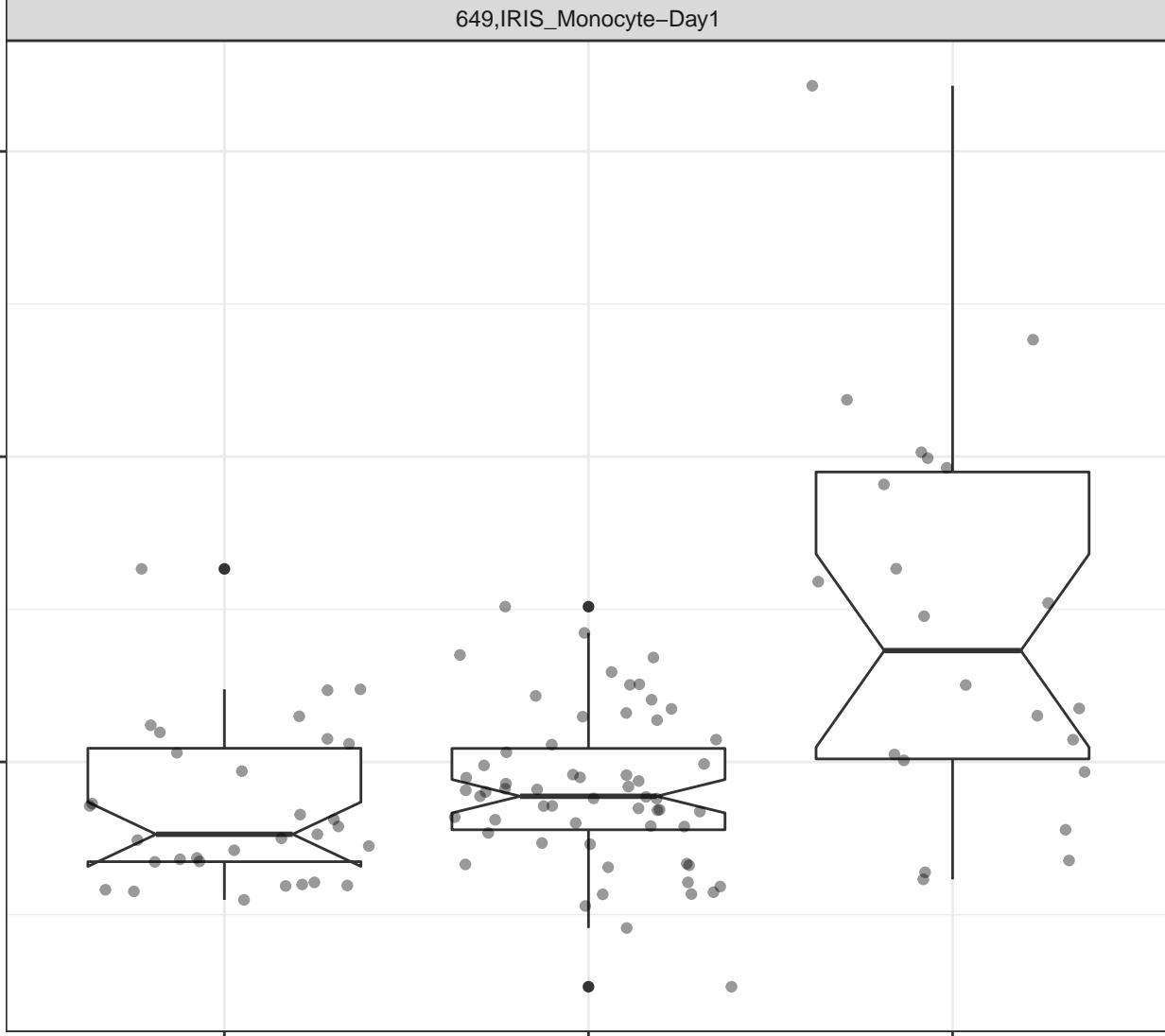
0.0

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

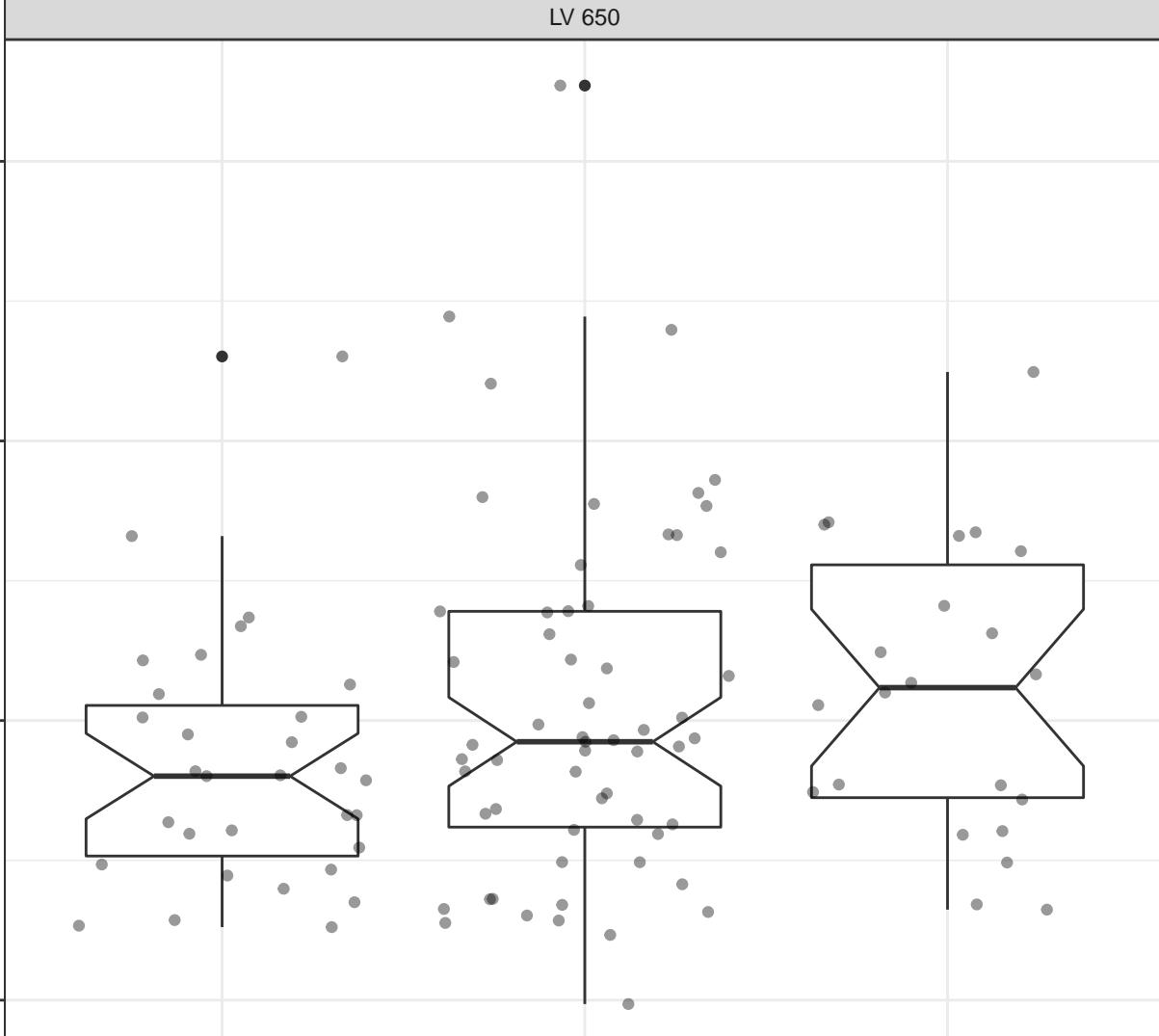
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

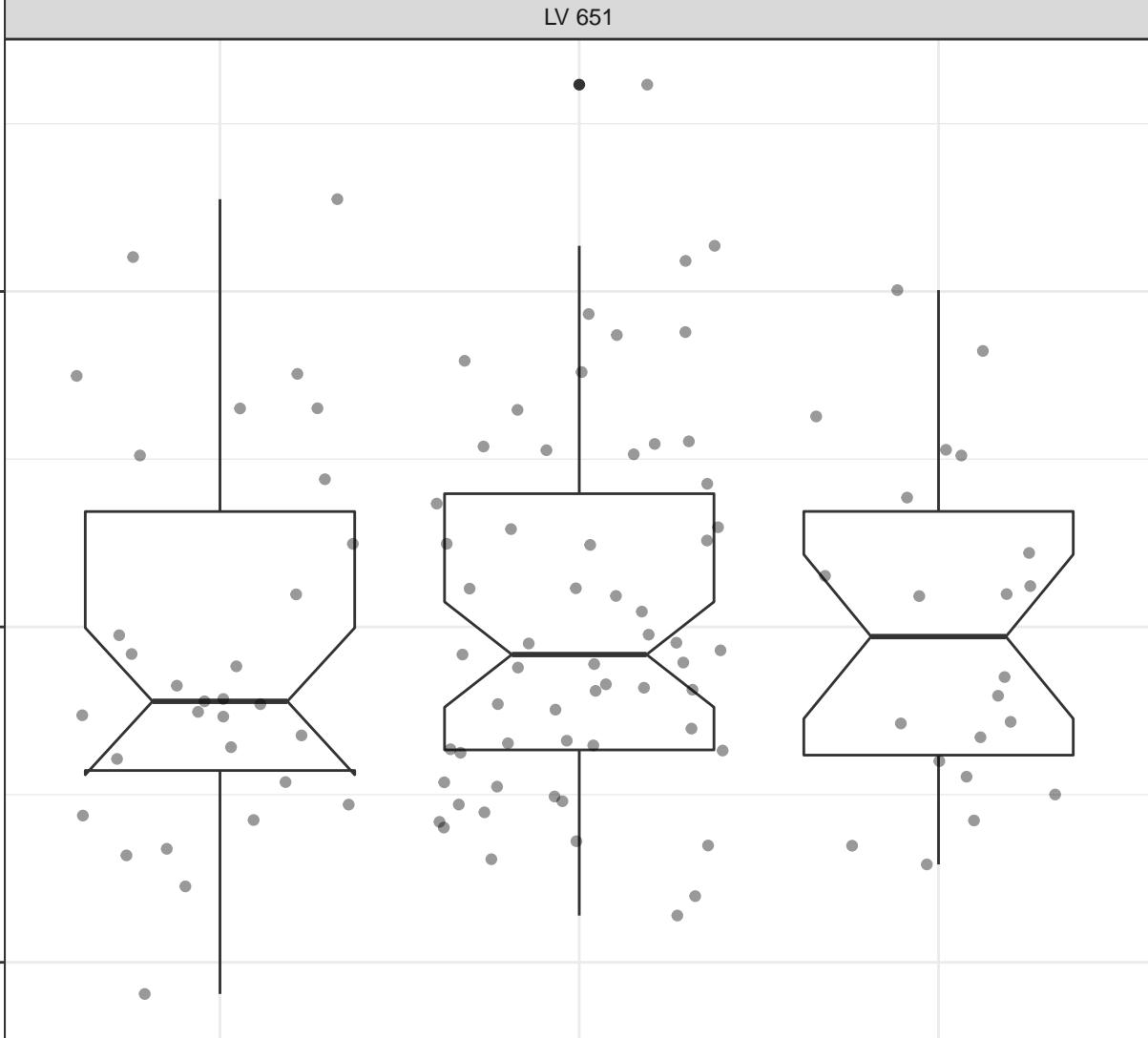
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 652

Value

0.05

0.00

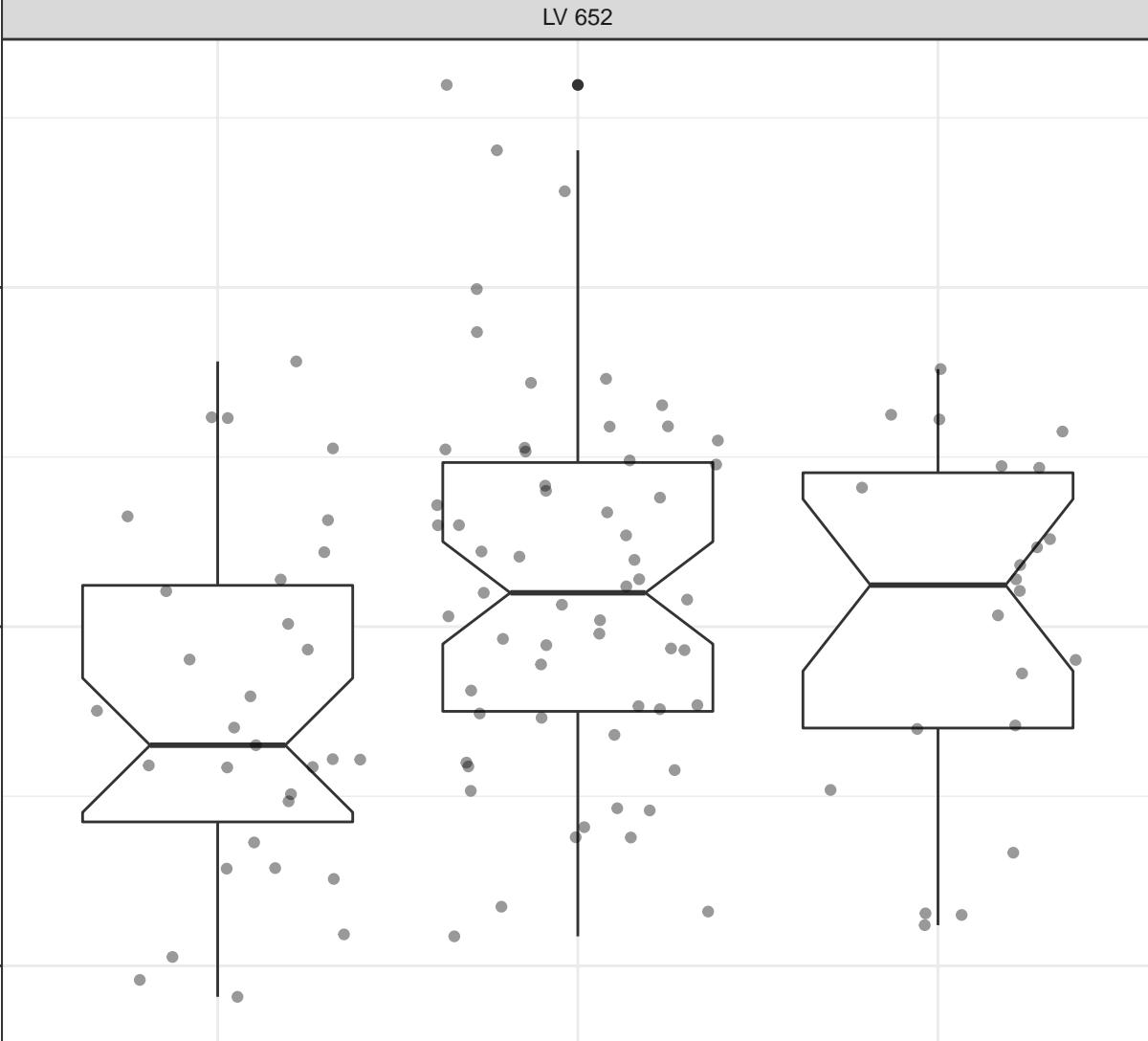
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 653

Value

0.05

0.00

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.04

0.00

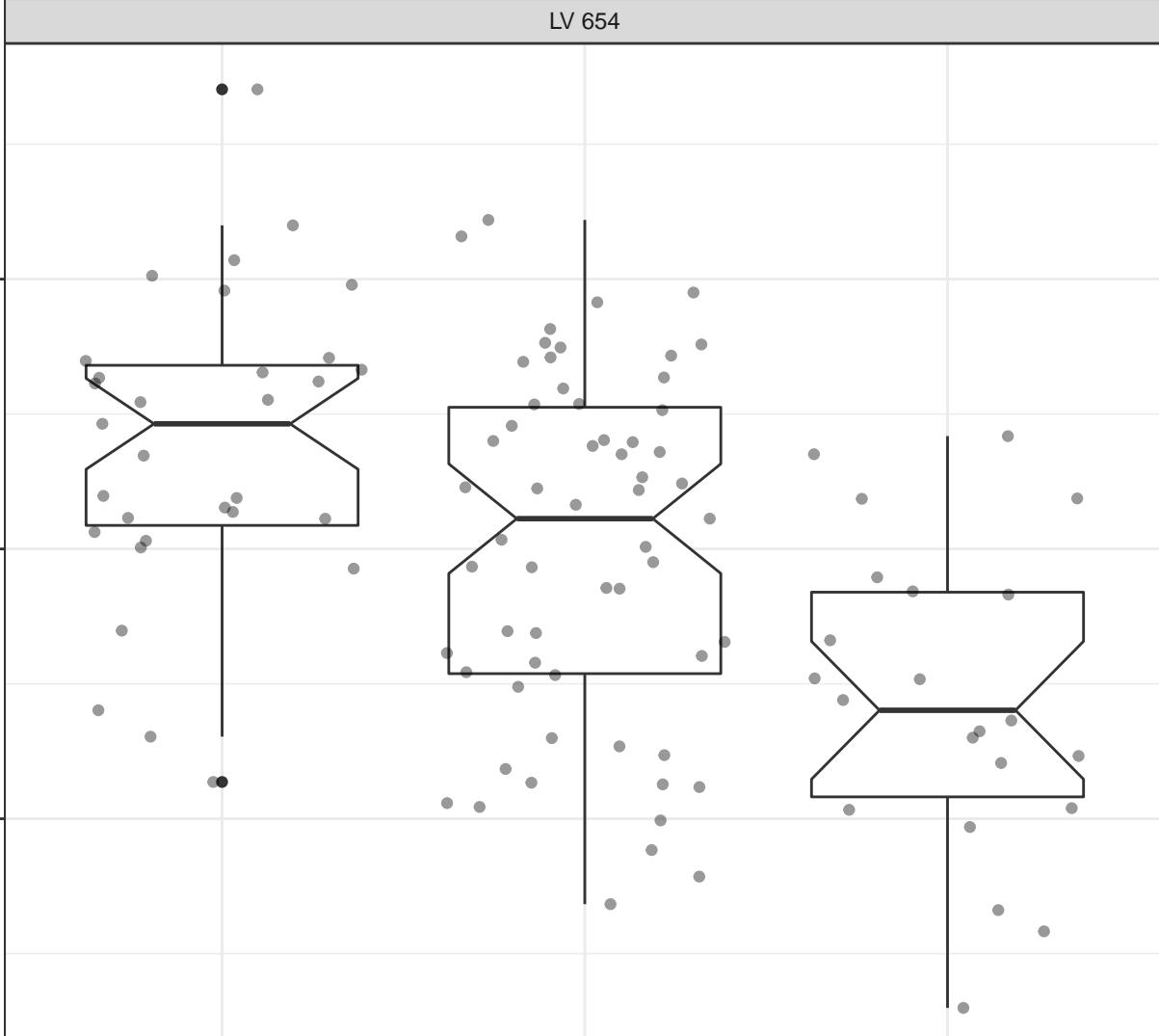
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 655

Value

0.06

0.03

0.00

-0.03

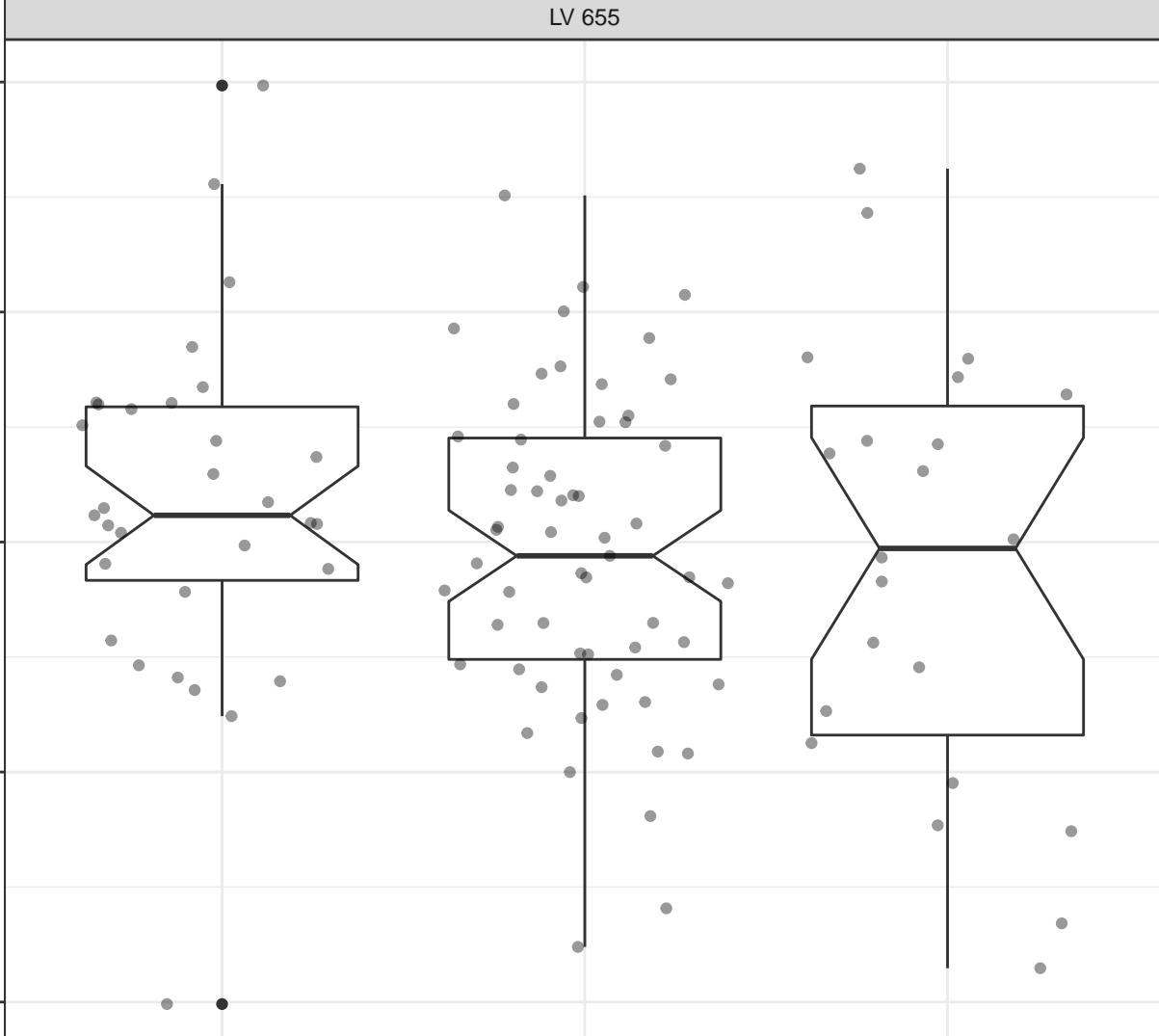
-0.06

Living donor control

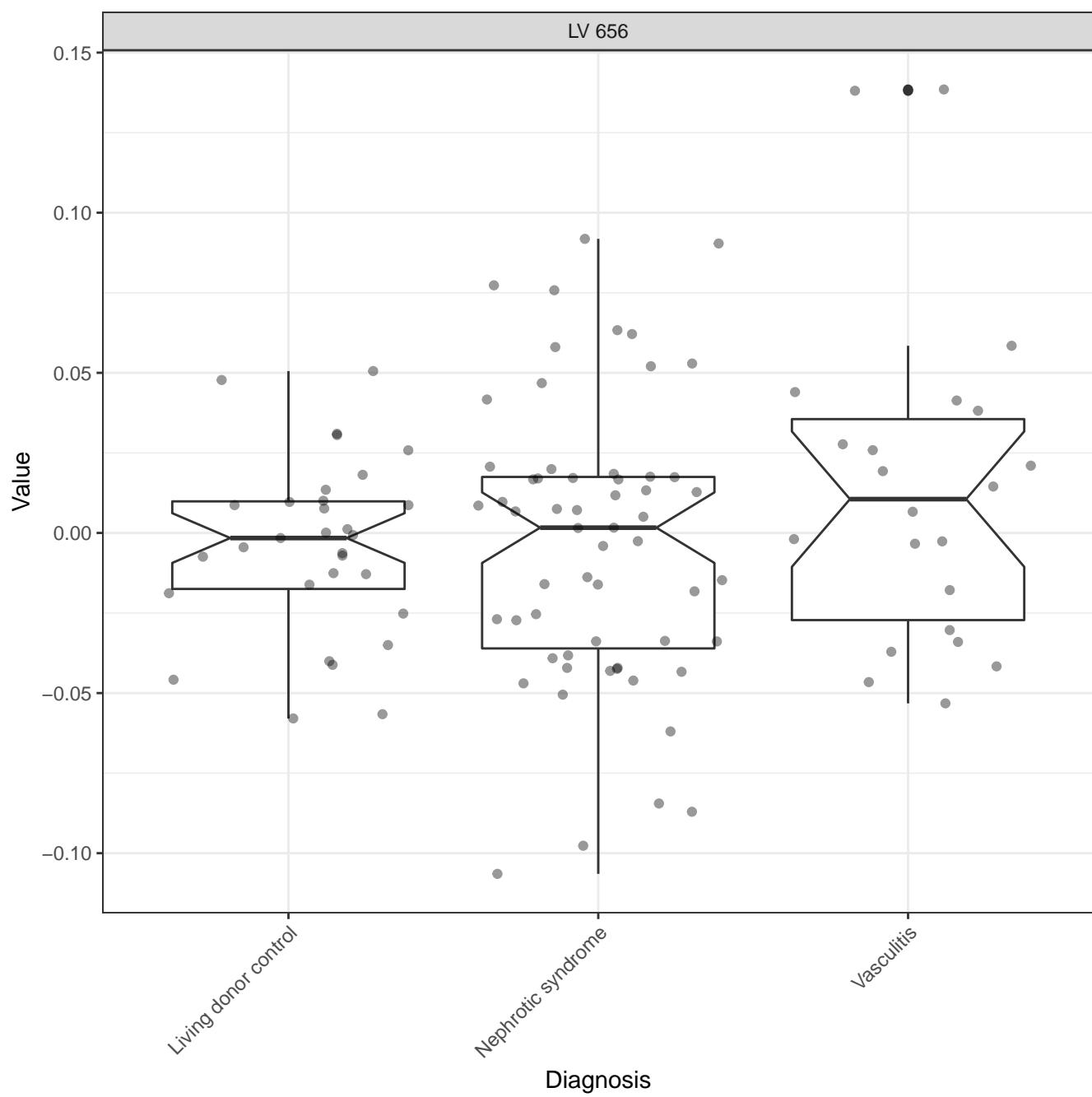
Nephrotic syndrome

Vasculitis

Diagnosis



LV 656



Value

0.04

0.00

-0.04

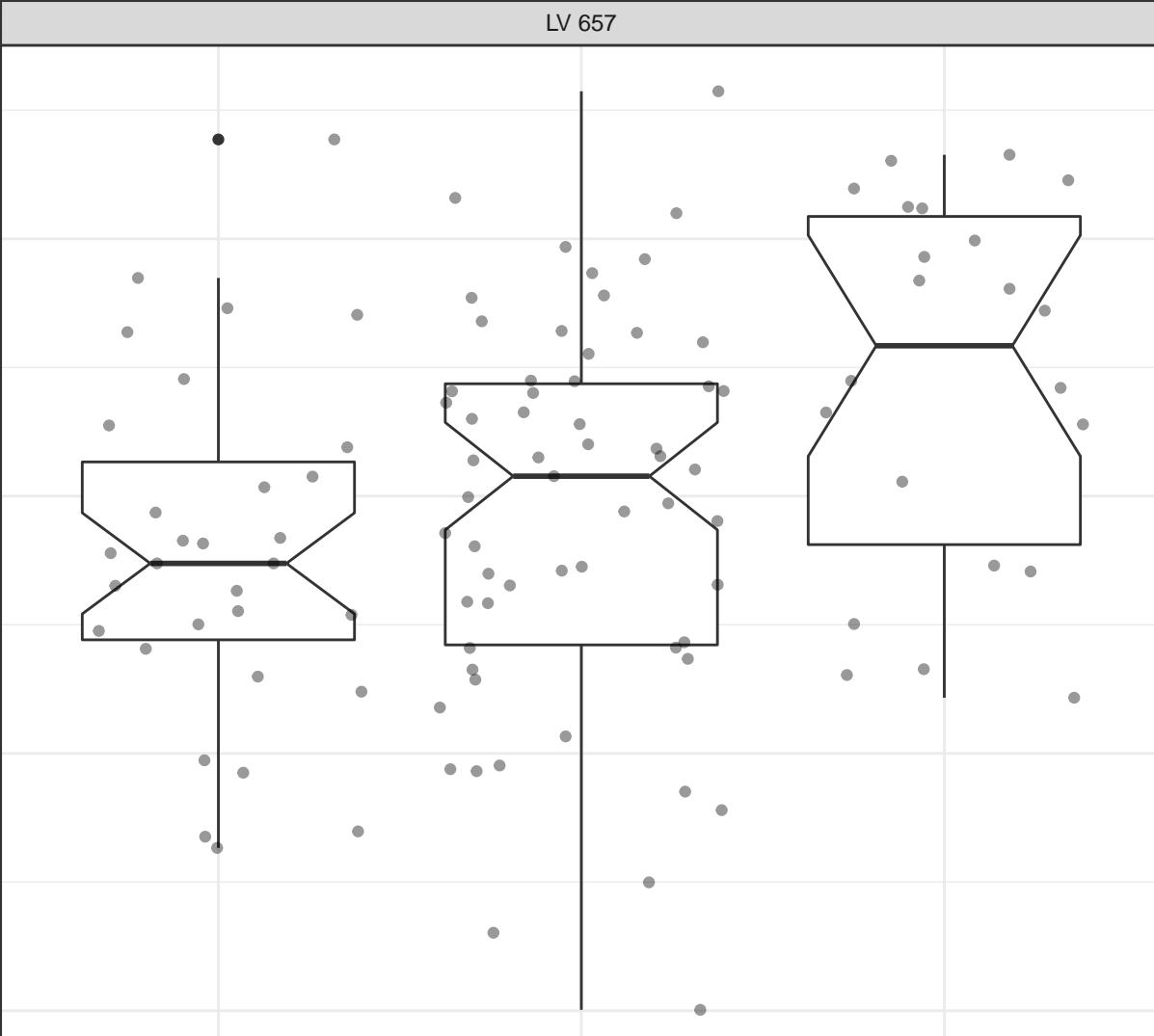
-0.08

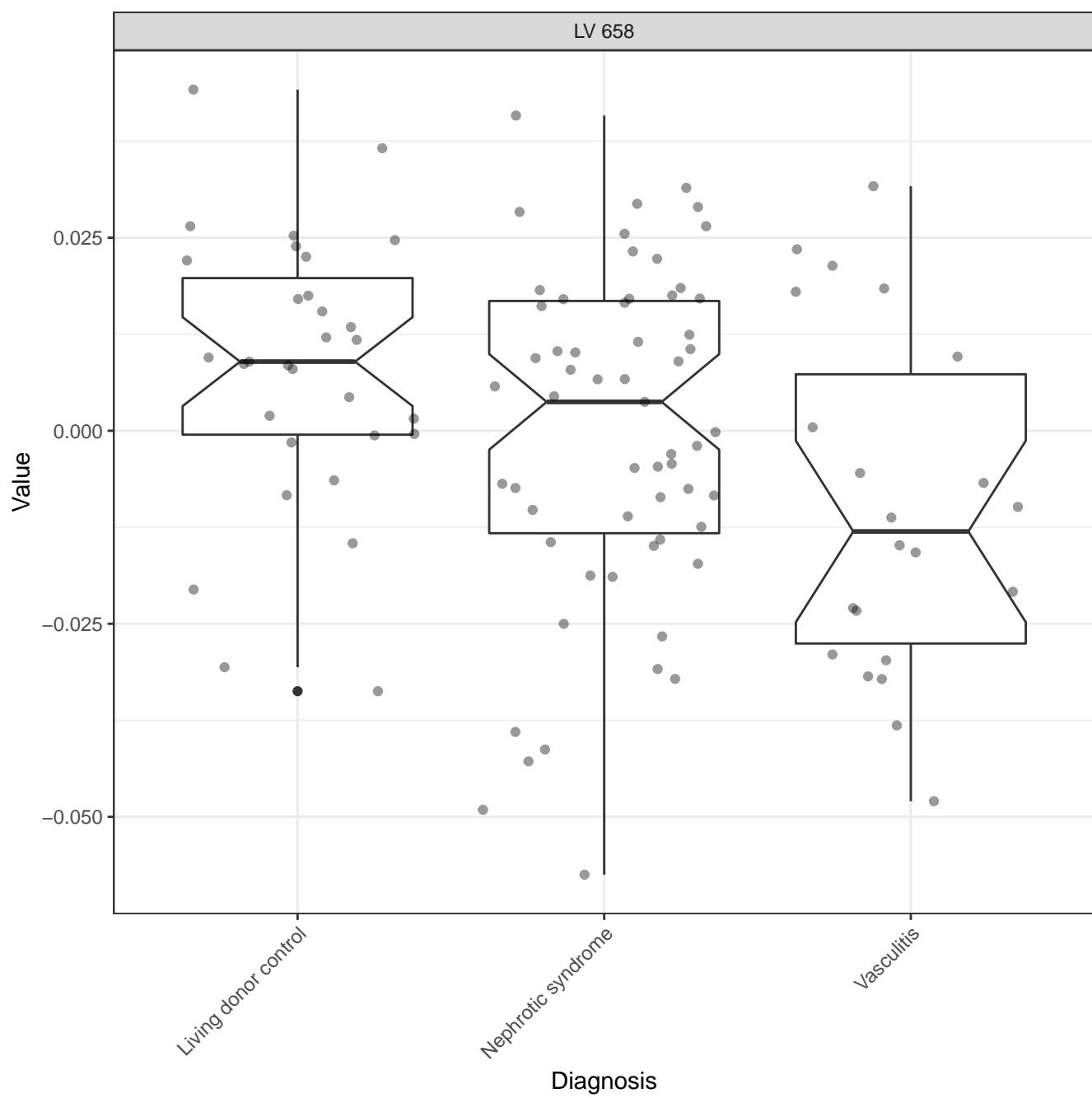
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.03

0.00

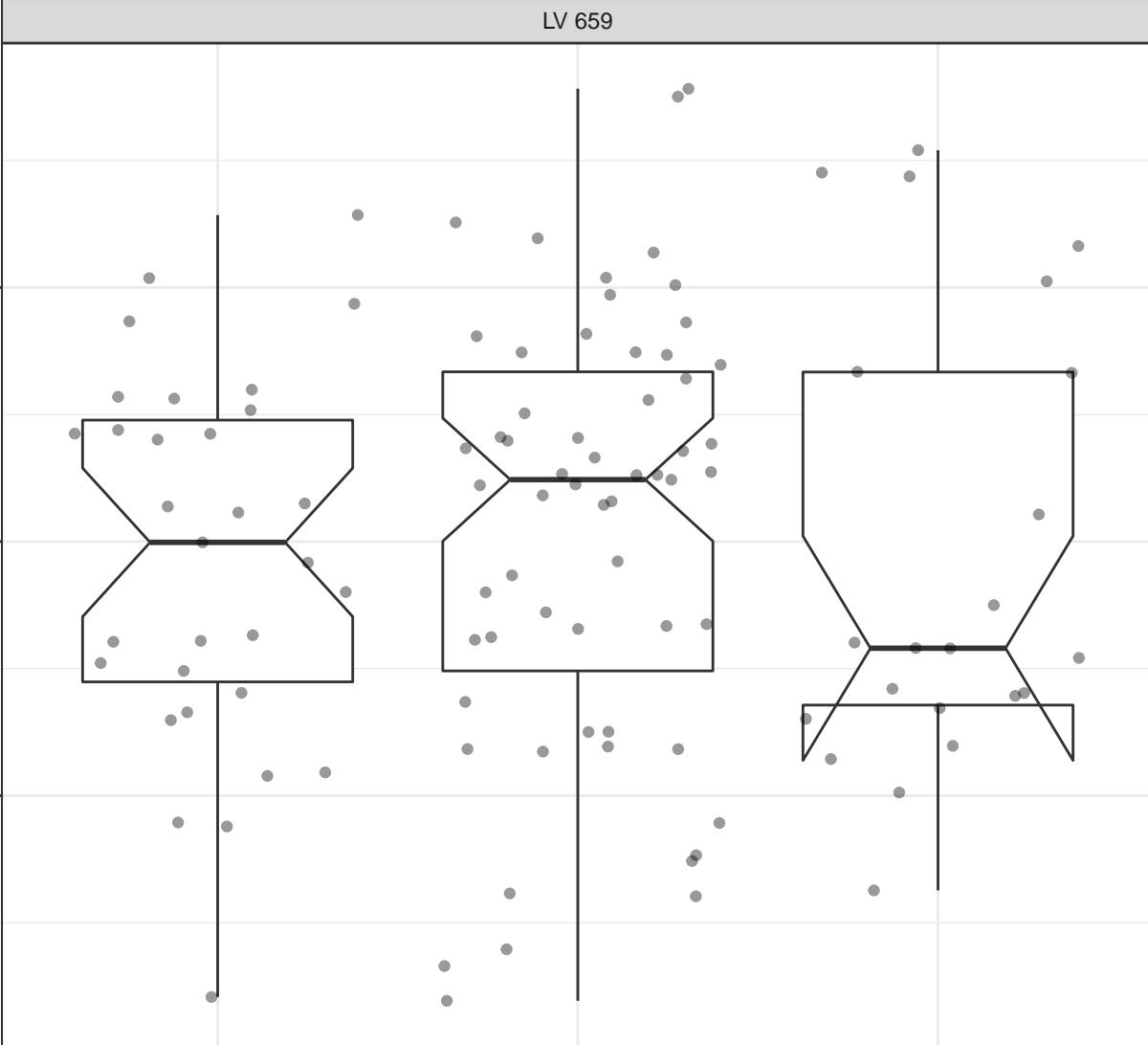
-0.03

Living donor control

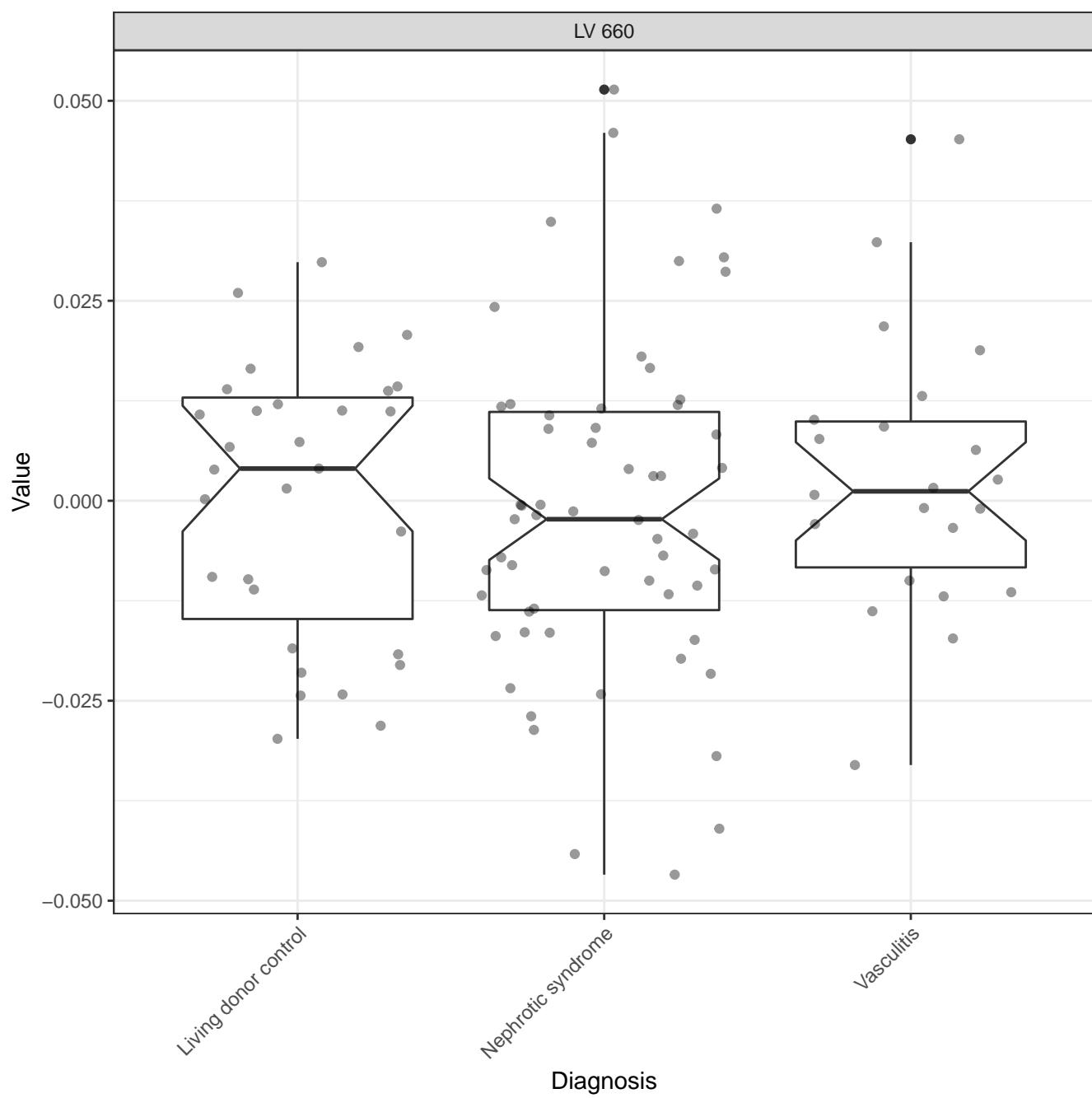
Nephrotic syndrome

Vasculitis

Diagnosis



## LV 660



Value

0.04

0.01

-0.04

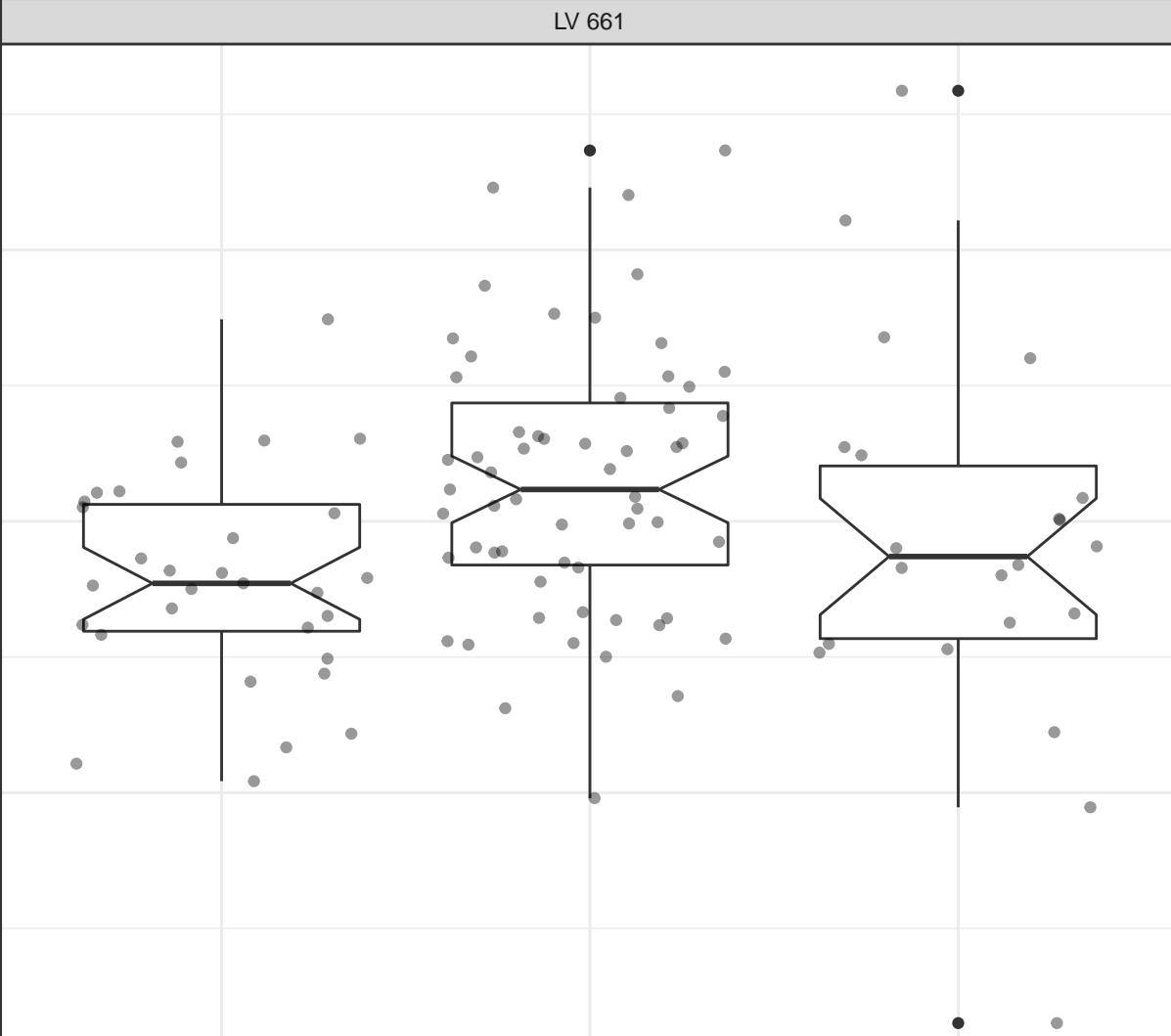
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 662,REACTOME\_TRANSMISSION\_ACROSS\_chemical\_SYNAPSES

Value

0.05

0.00

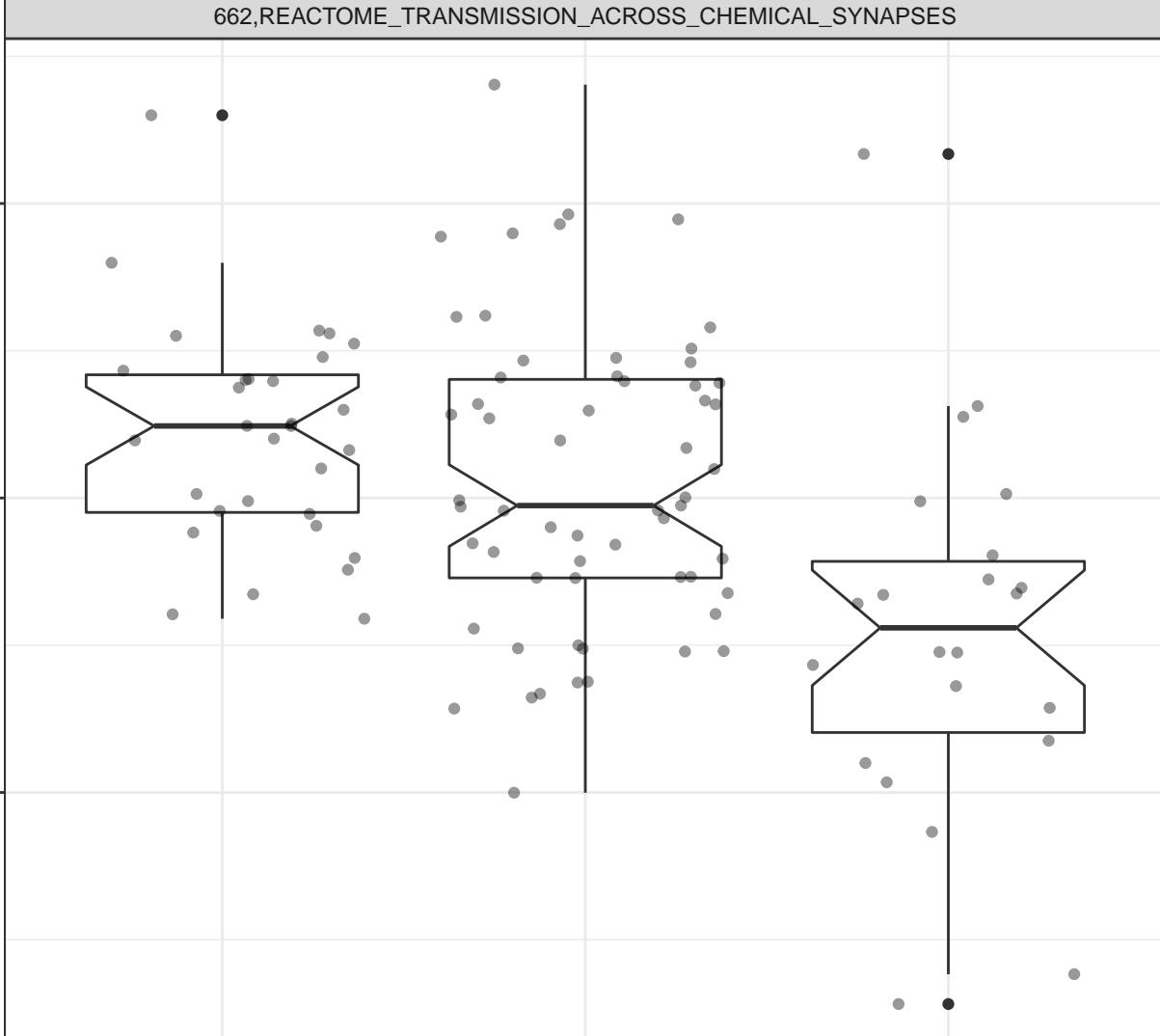
-0.05

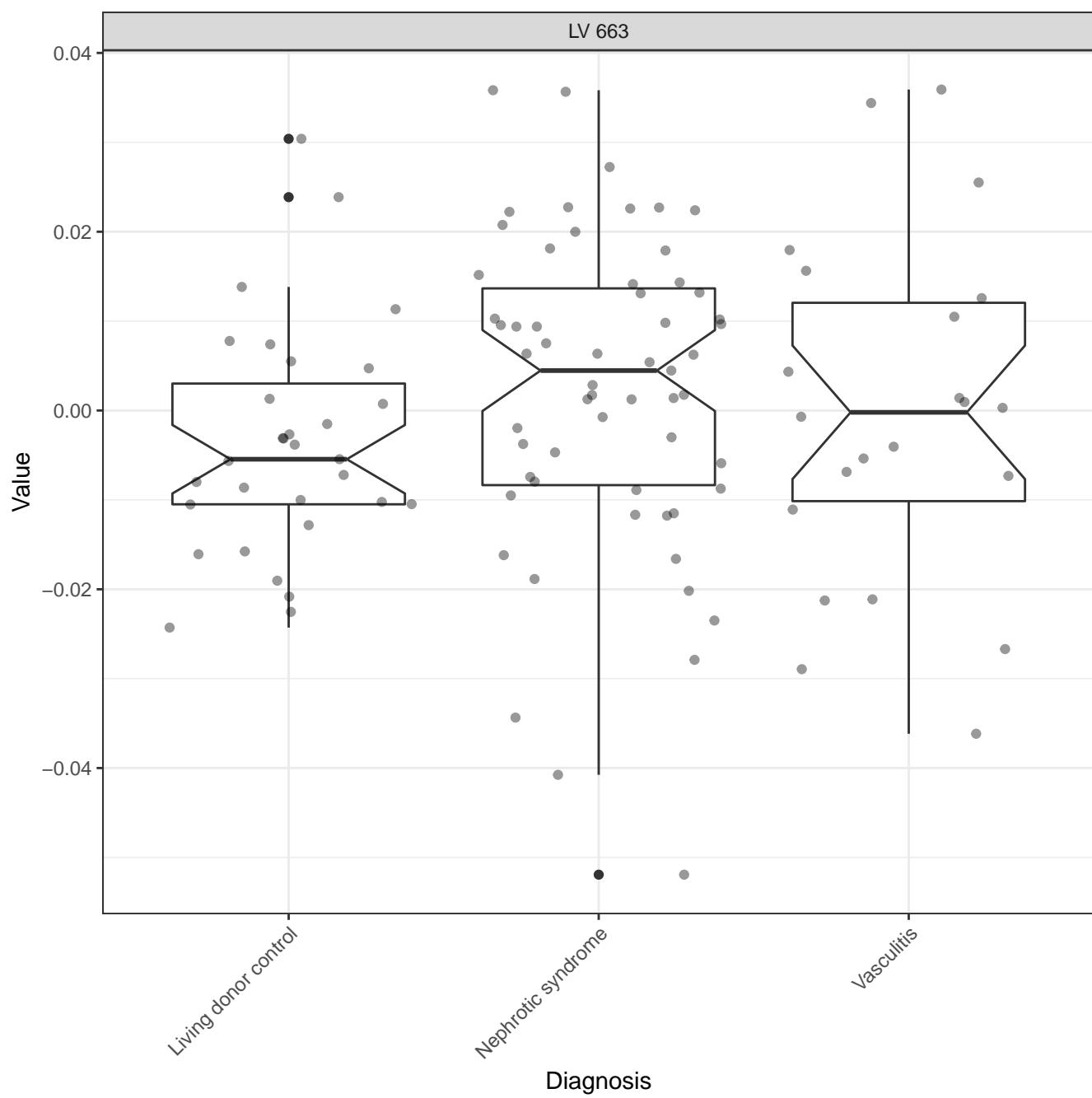
Living donor control

Nephrotic syndrome

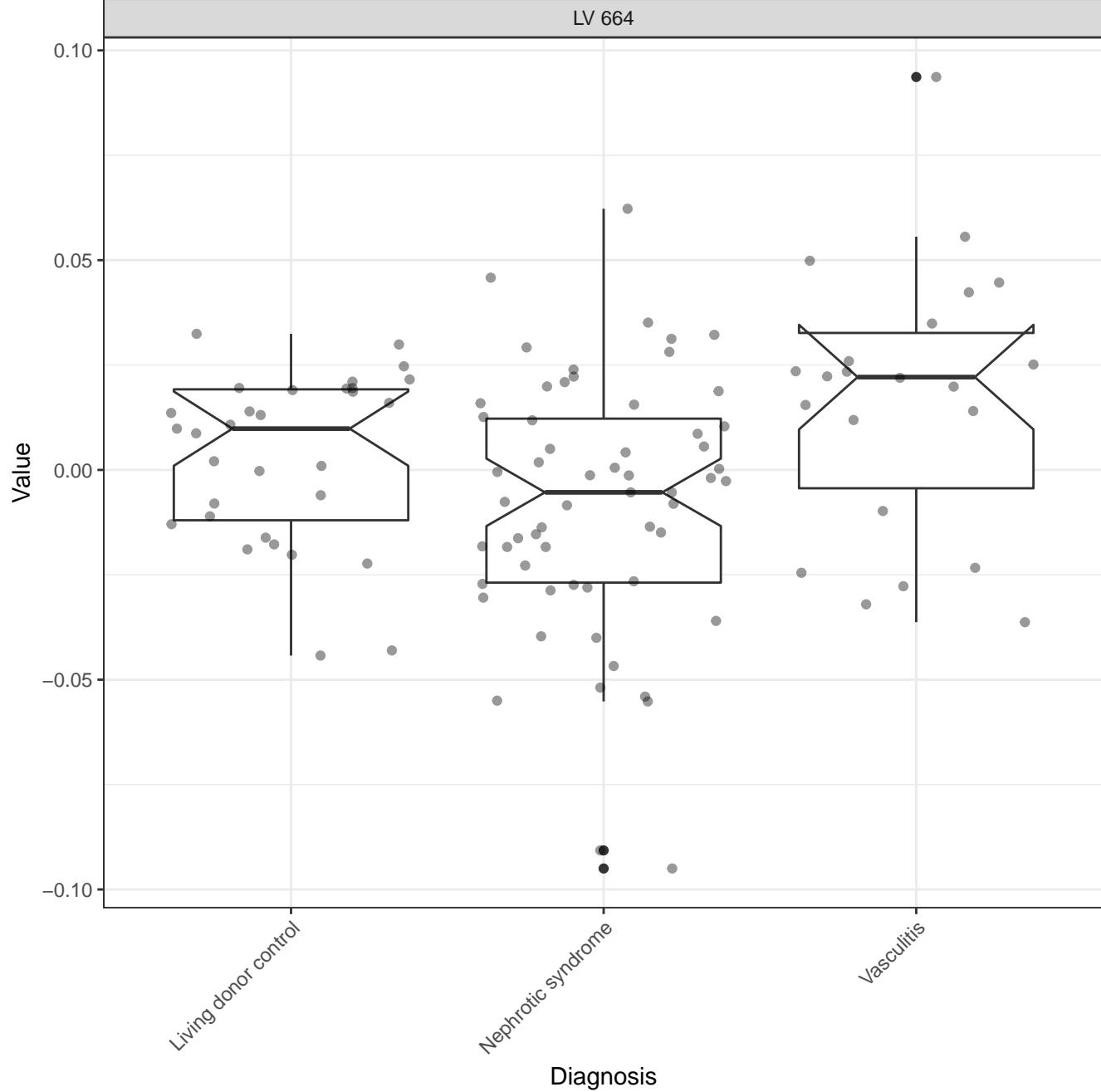
Vasculitis

Diagnosis





LV 664



LV 665

Value

0.10

0.05

0.00

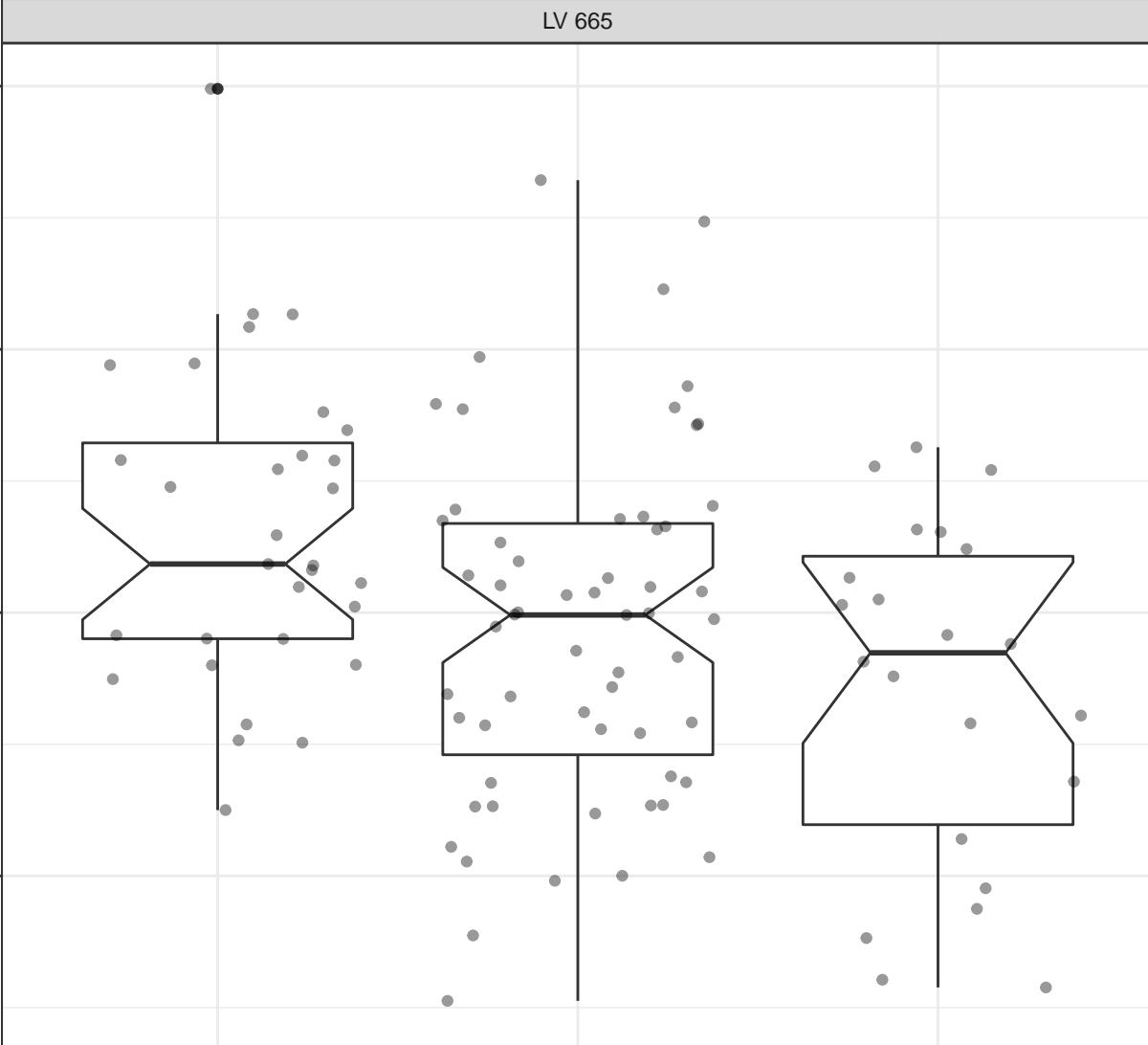
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 666

Value

0.05

0.00

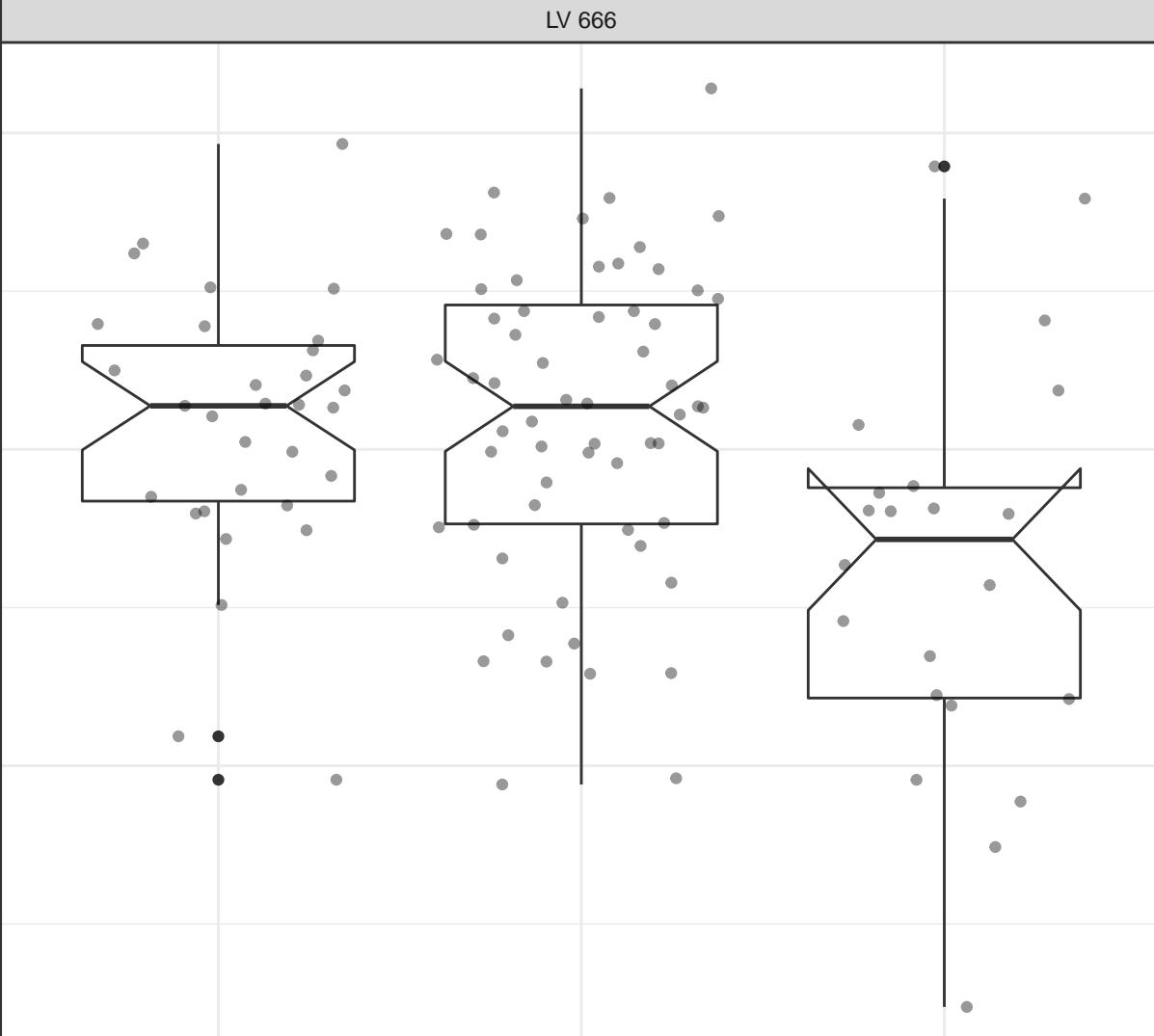
-0.05

Living donor control

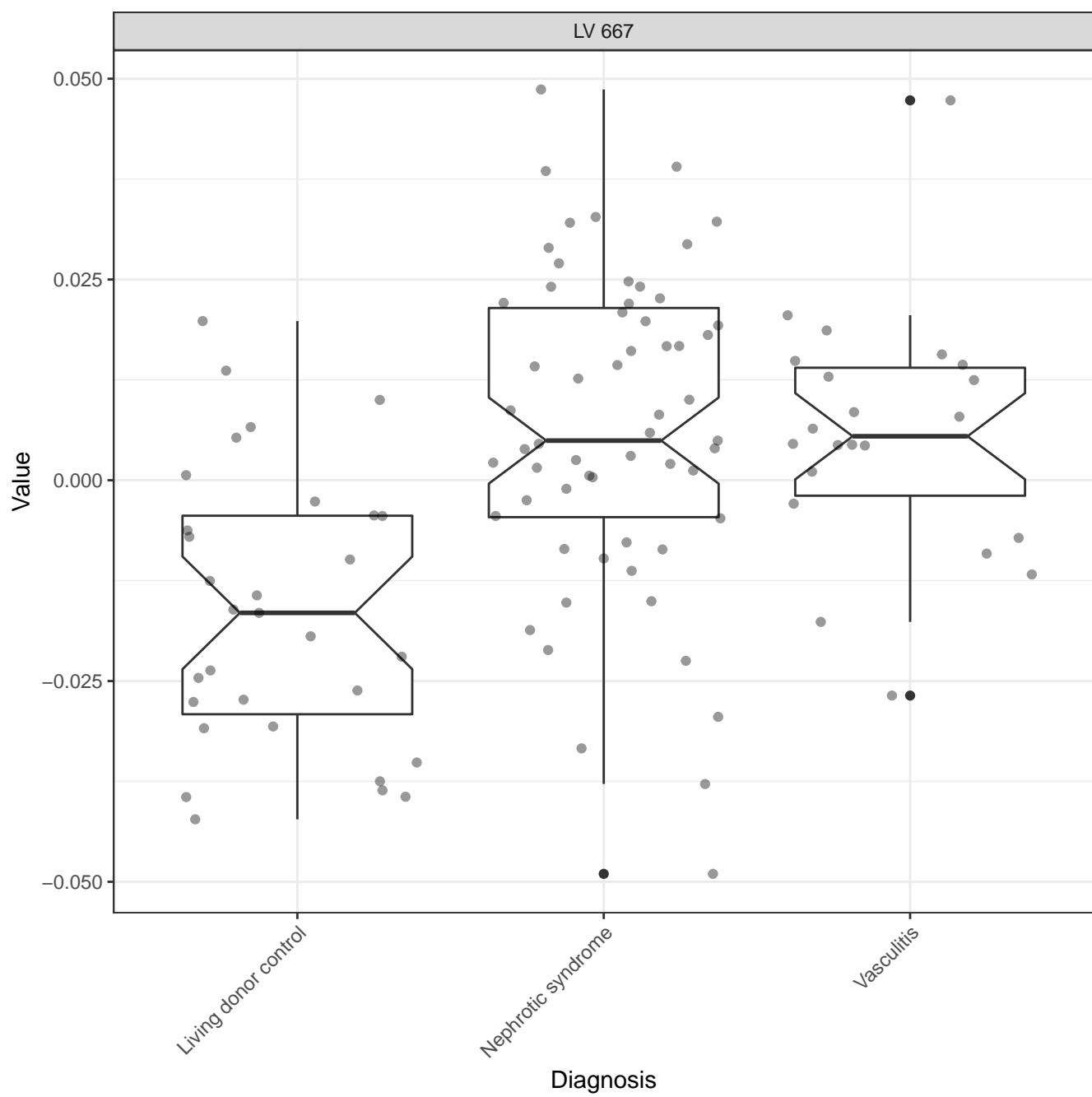
Nephrotic syndrome

Vasculitis

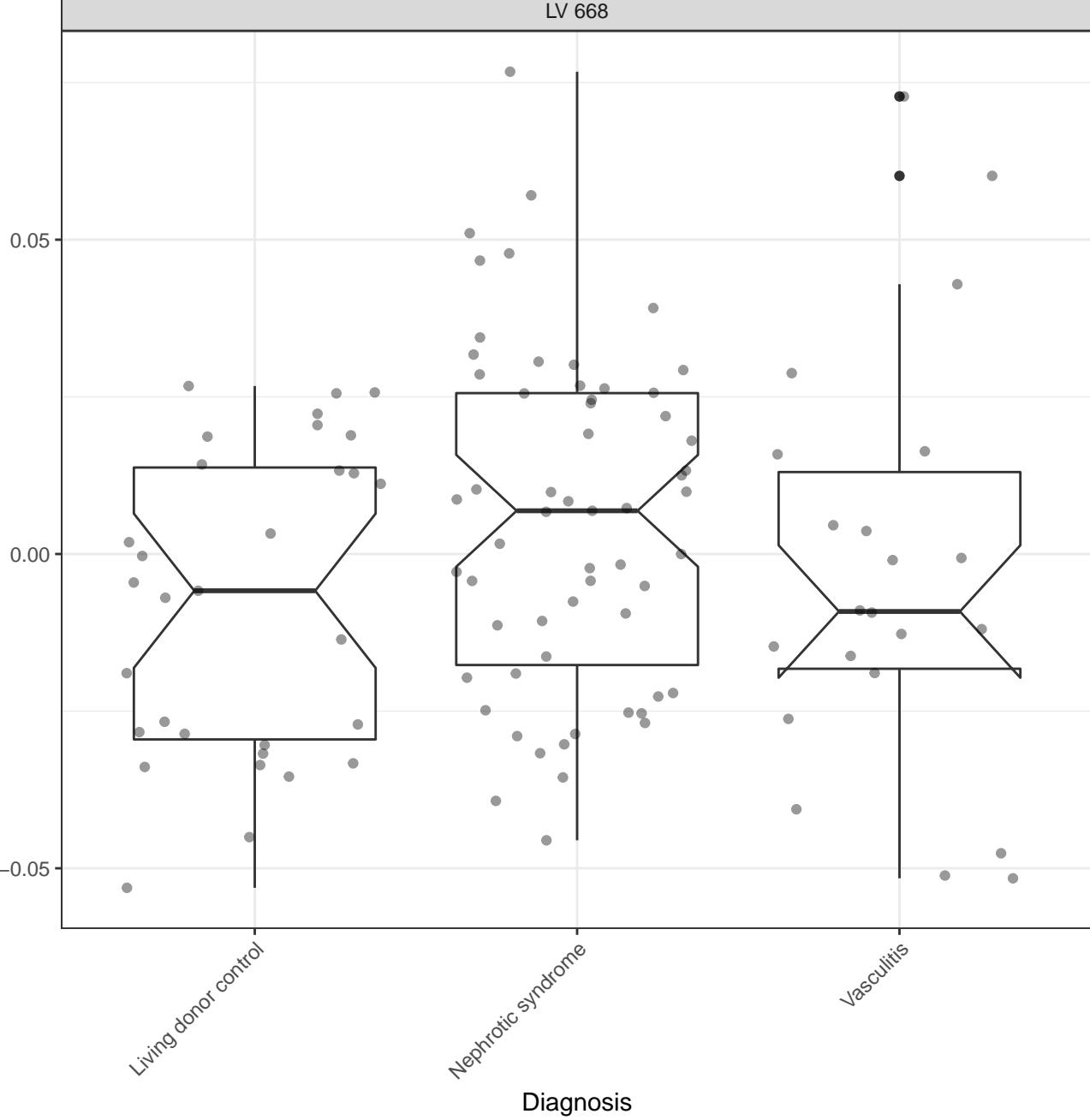
Diagnosis



LV 667



Value



Value

0.05

0.00

-0.05

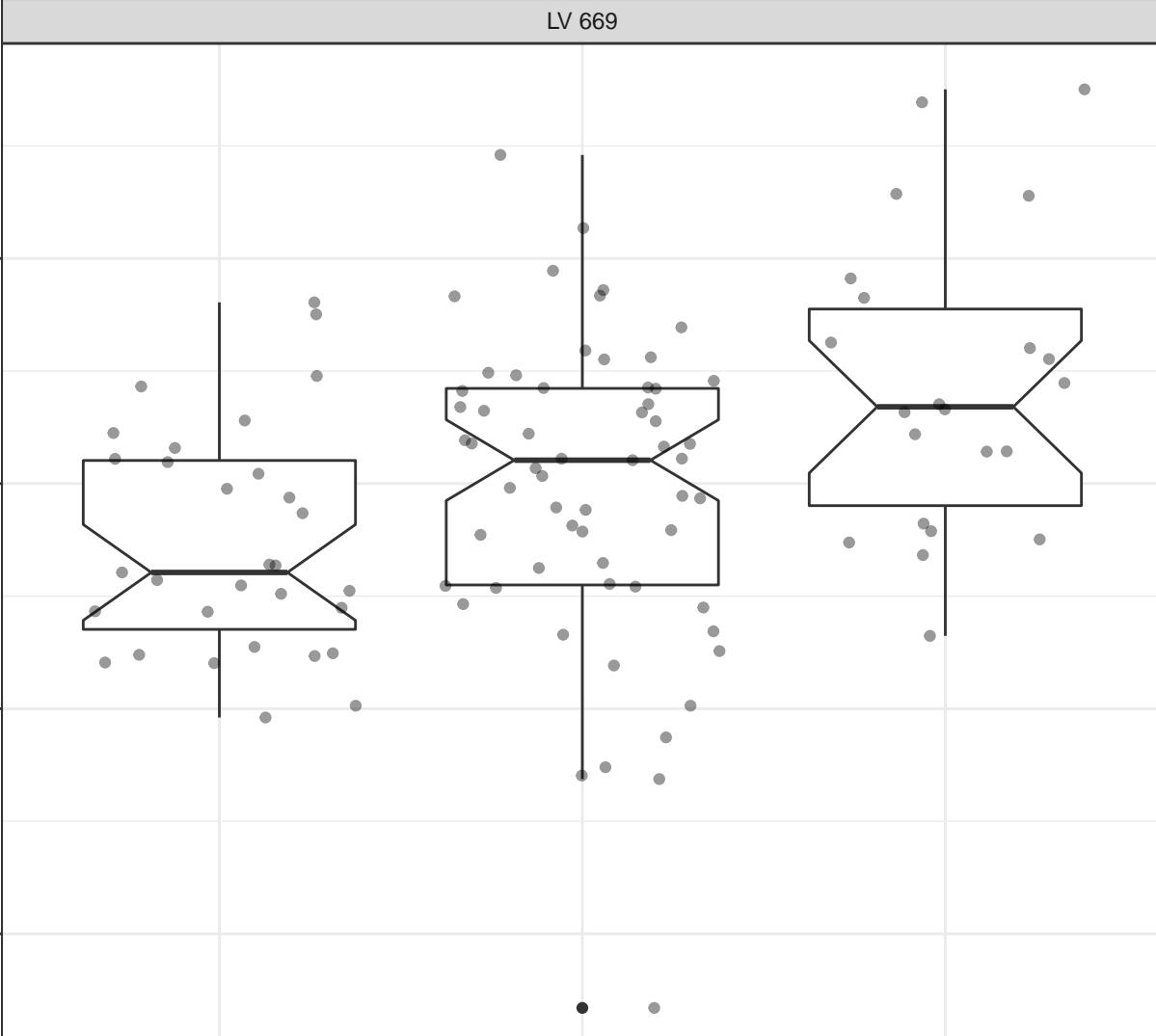
-0.10

Living donor control

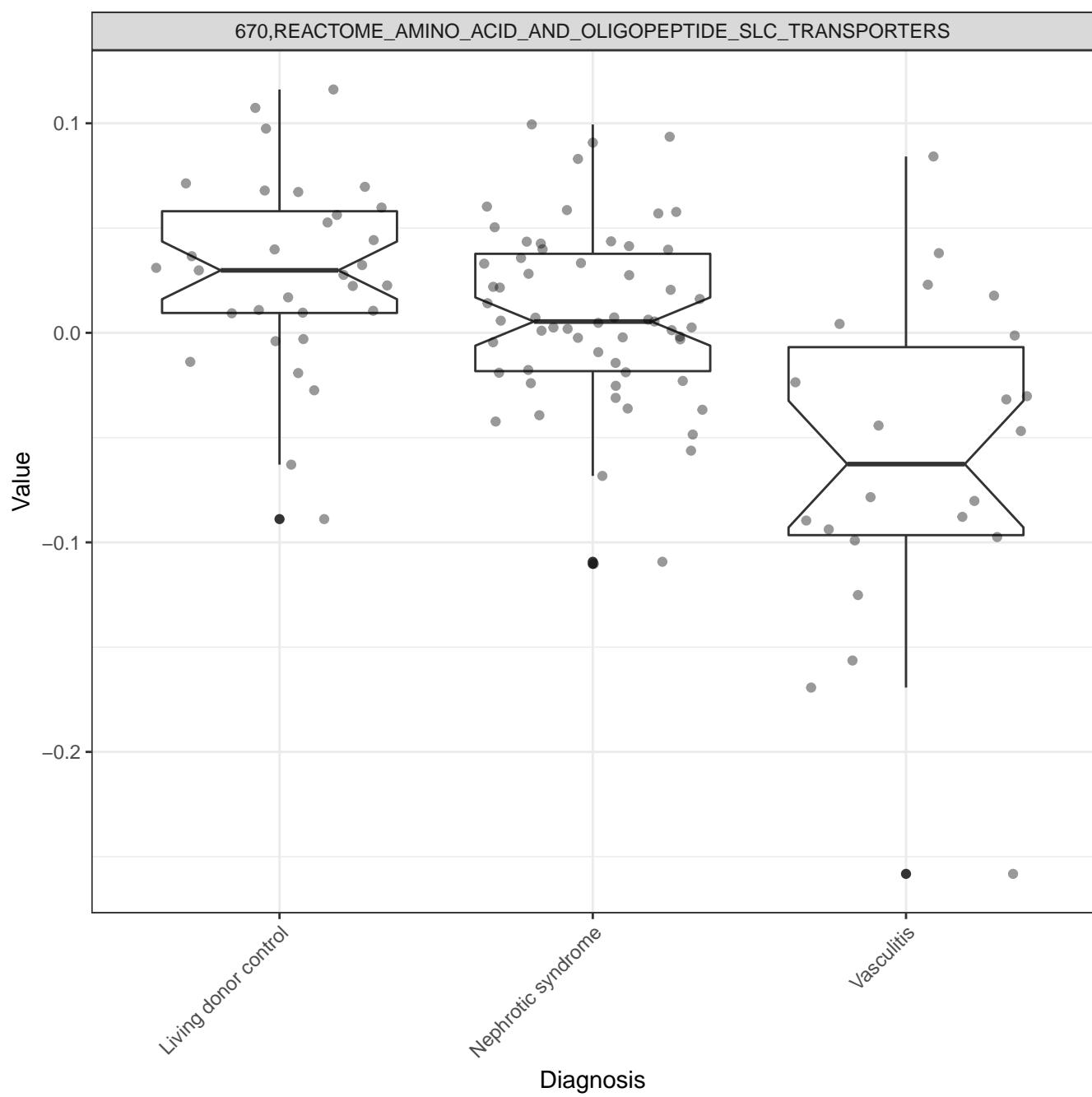
Nephrotic syndrome

Vasculitis

Diagnosis



## 670,REACTOME\_AMINO\_ACID\_AND\_OLIGOPEPTIDE\_SLC\_TRANSPORTERS



## 671,REACTOME\_COLLAGEN\_FORMATION

Value

0.2

0.1

0.0

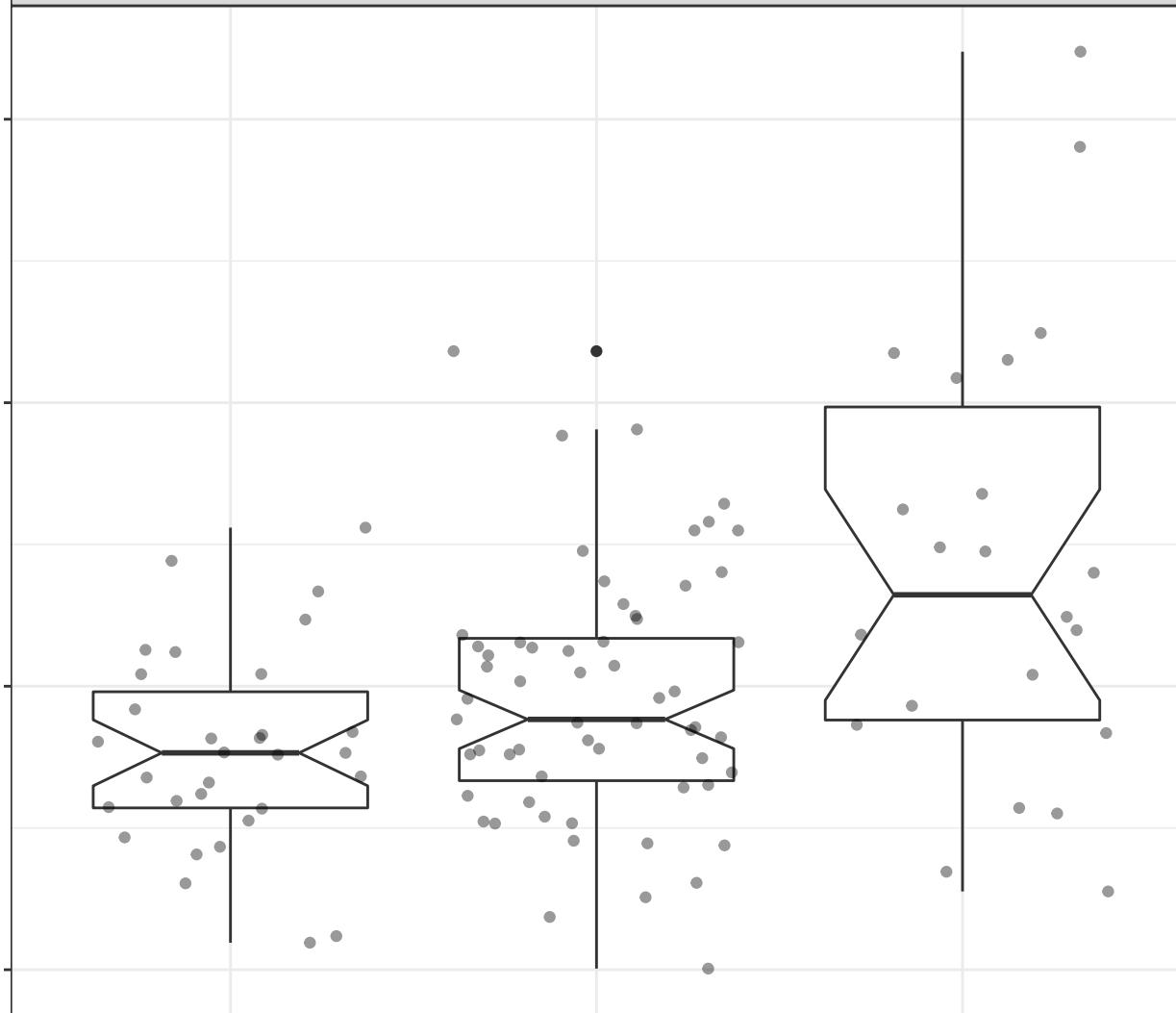
-0.1

Living donor control

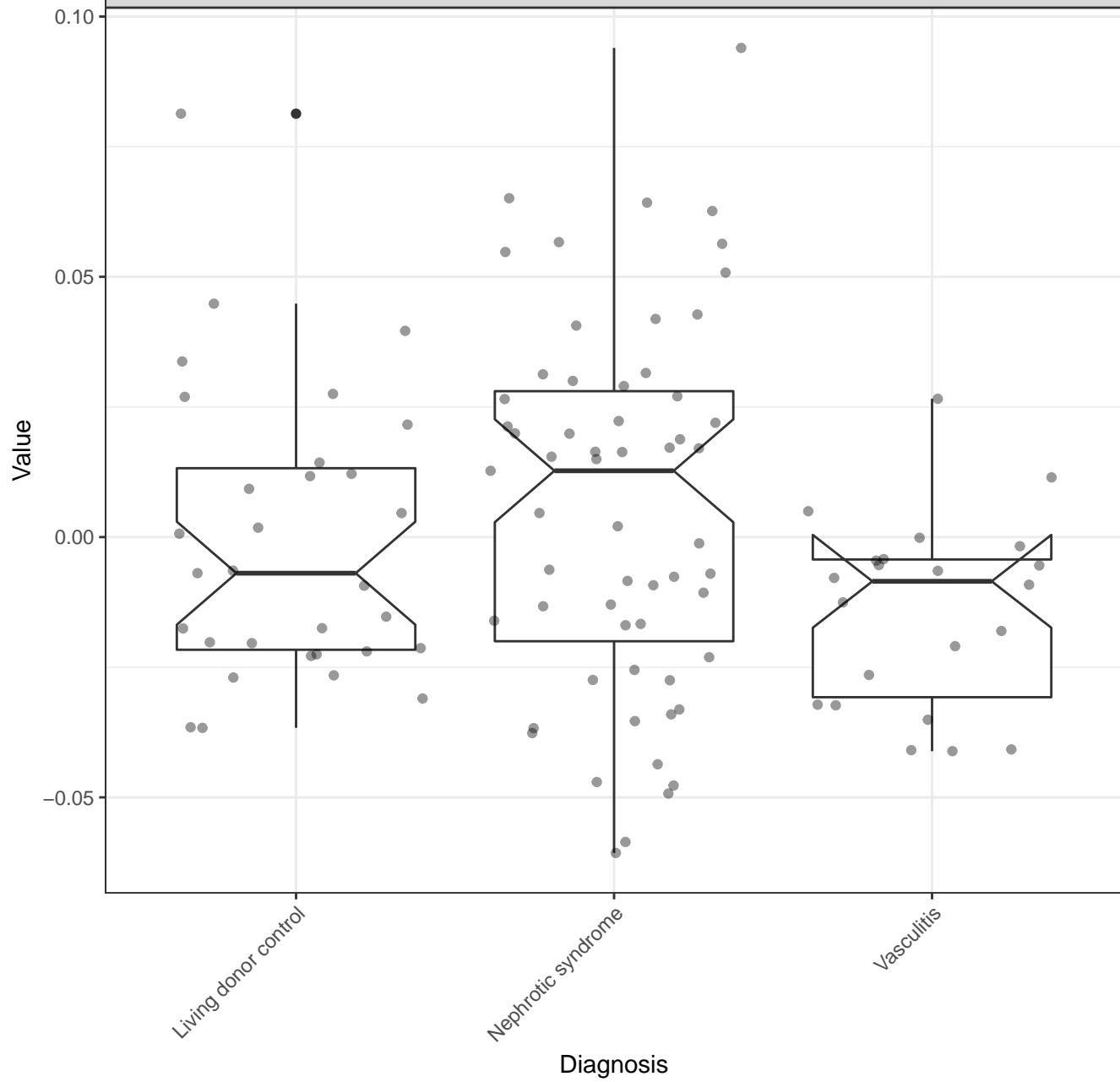
Nephrotic syndrome

Vasculitis

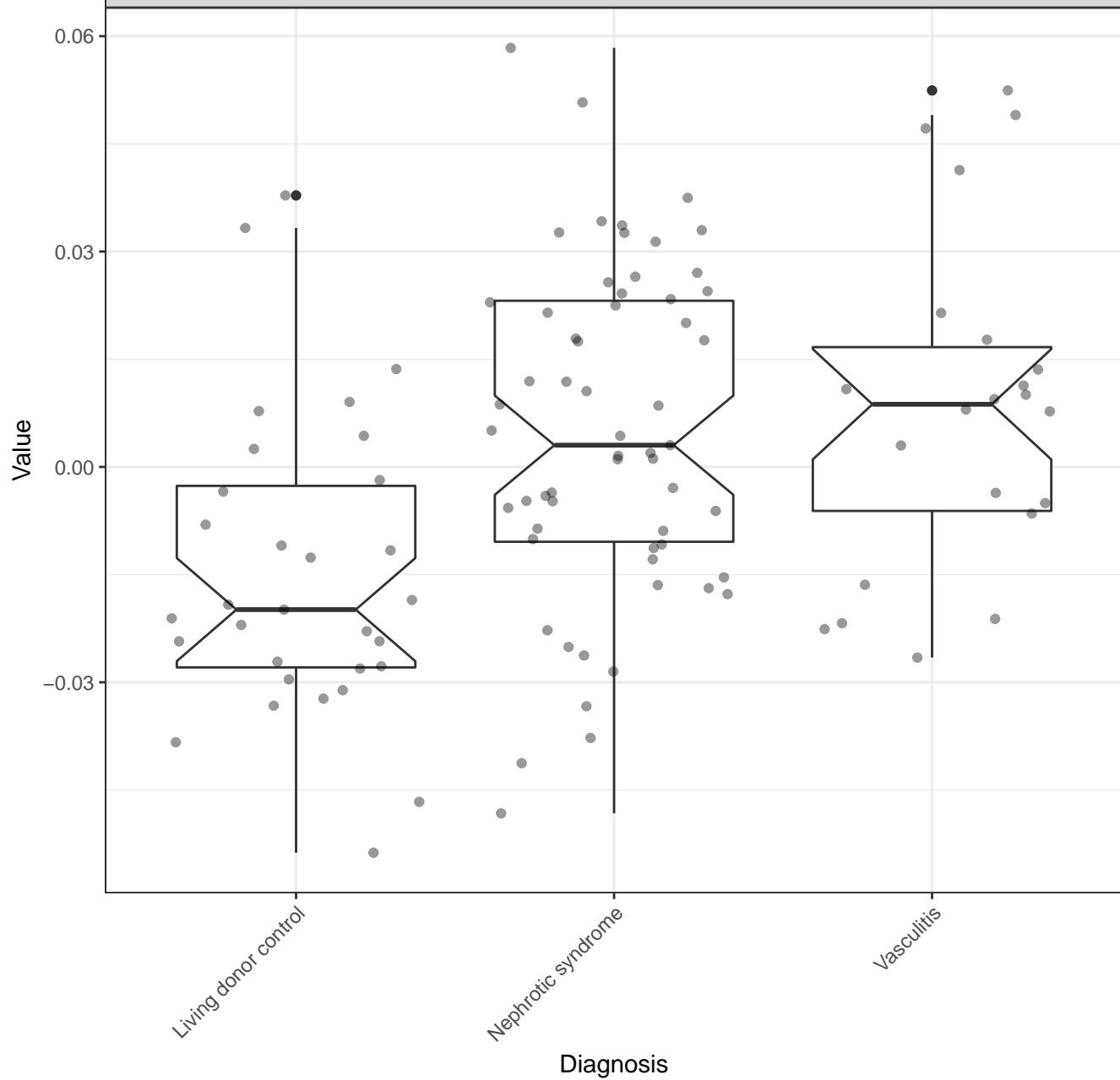
Diagnosis



LV 672



LV 673



Value

0.10

0.05

0.00

-0.05

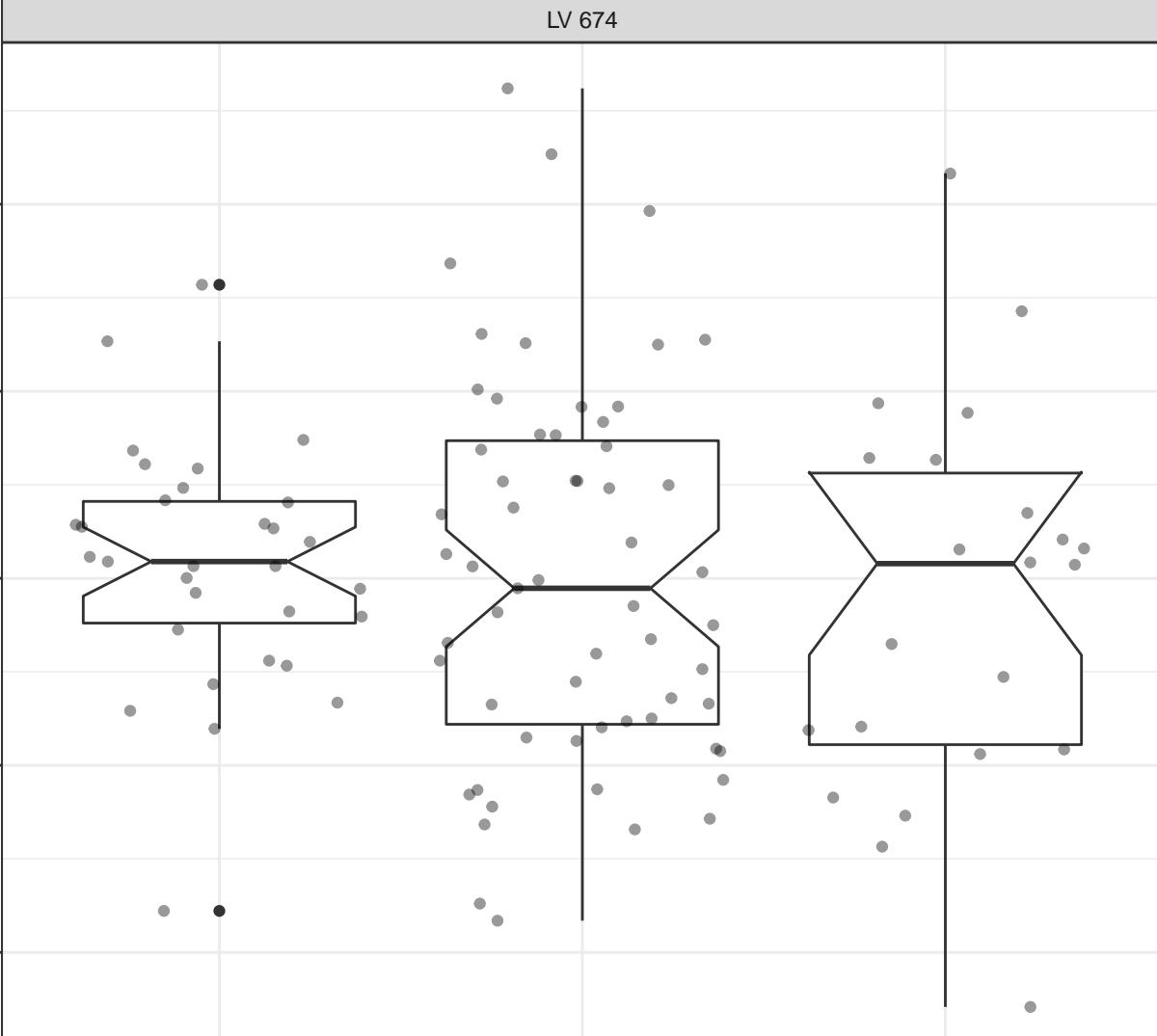
-0.10

Living donor control

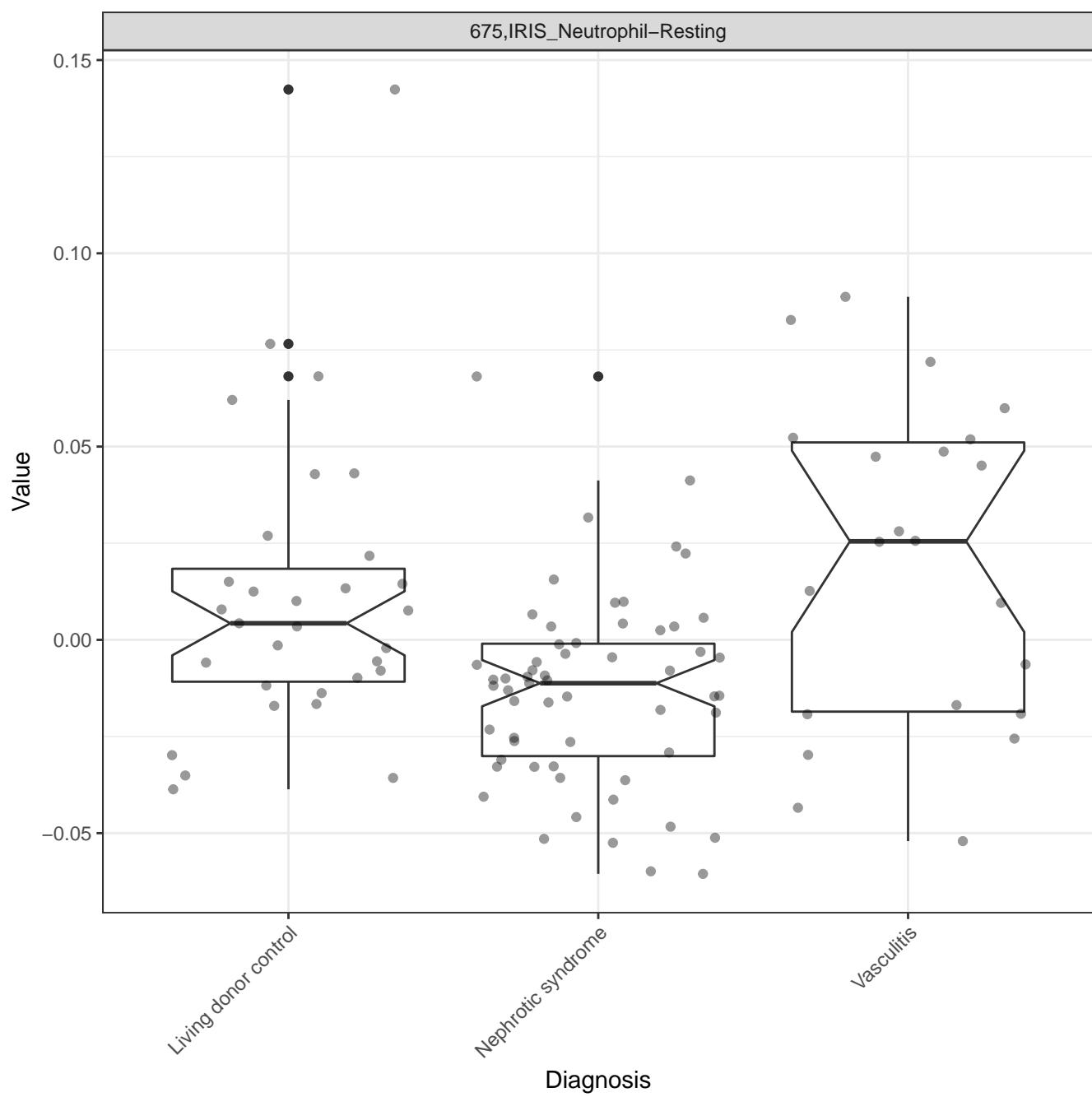
Nephrotic syndrome

Vasculitis

Diagnosis



## 675,IRIS\_Neutrophil–Resting



Value

0.05

0.01

-0.05

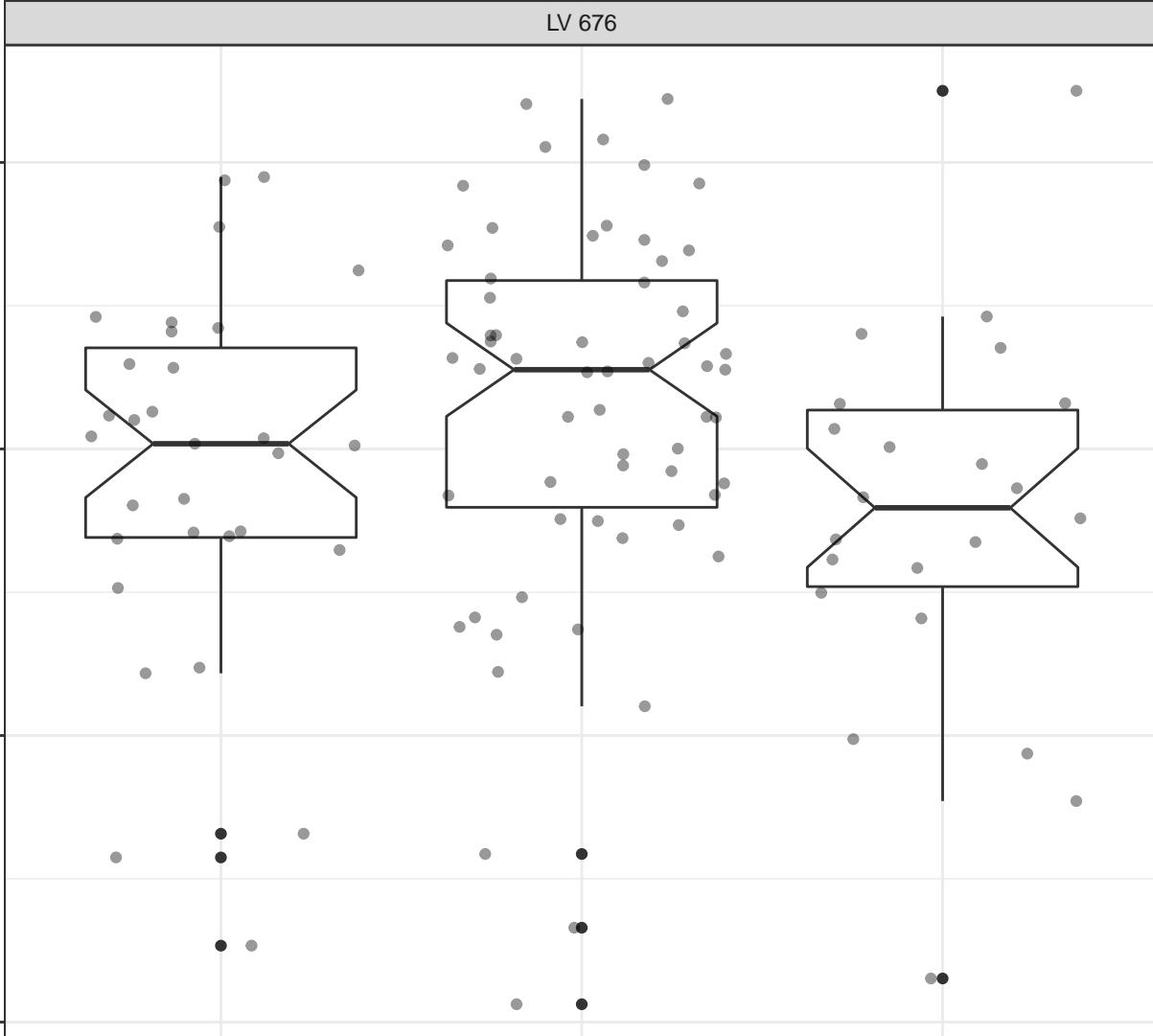
-0.10

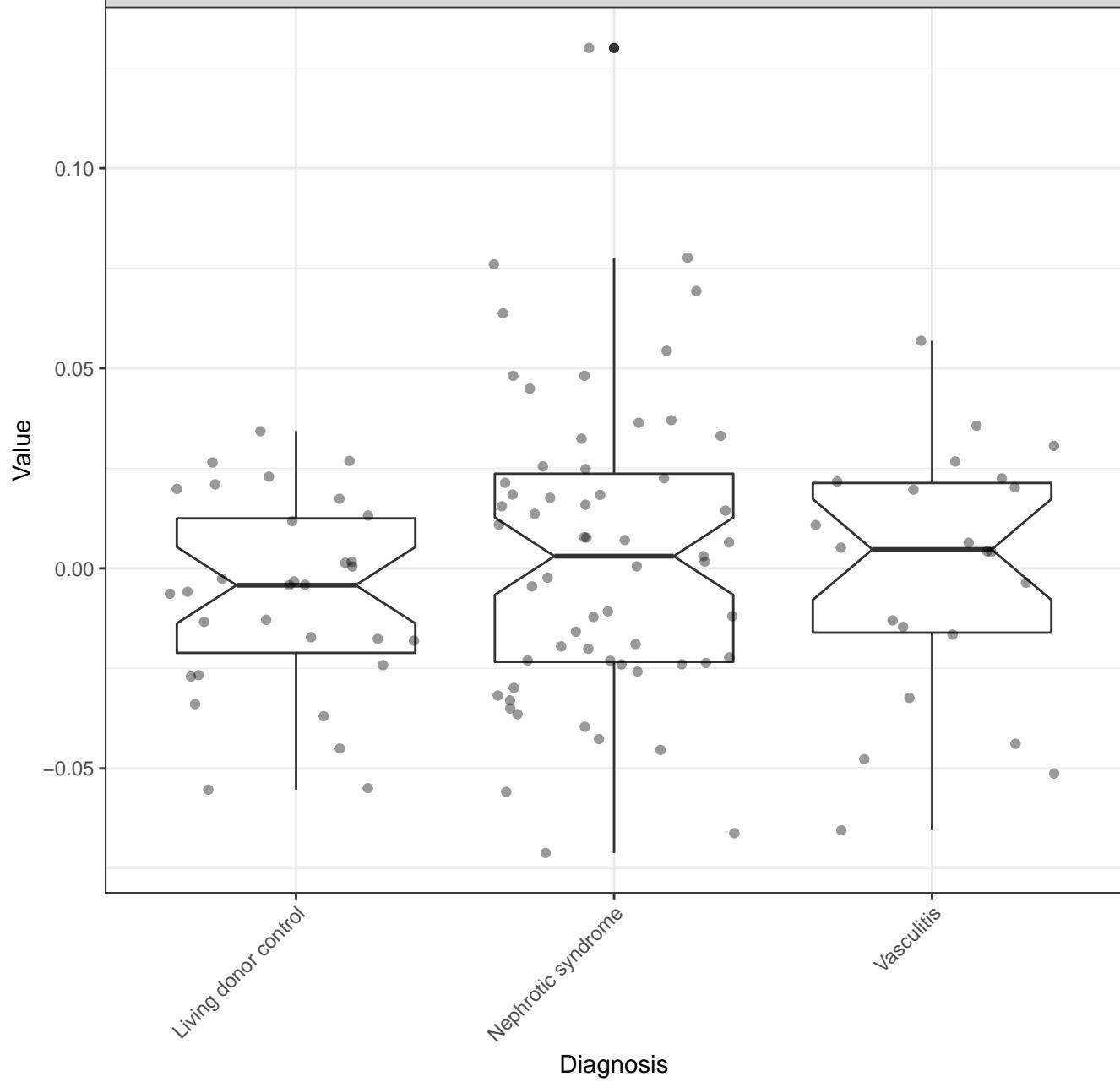
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





# ELECTRON\_TRANSPORT\_ATP\_SYNTHESIS\_BY\_CHEMIOSMOTIC\_COUPLING\_AND\_HEAT\_PRODUCTION

Value

0.2

0.1

0.0

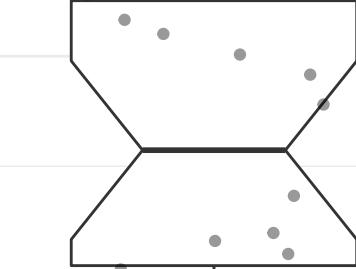
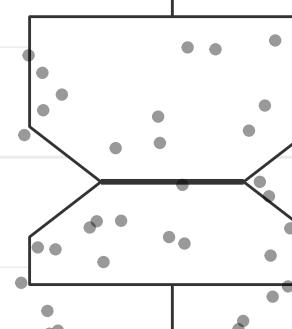
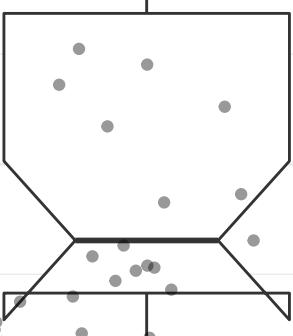
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 679

Value

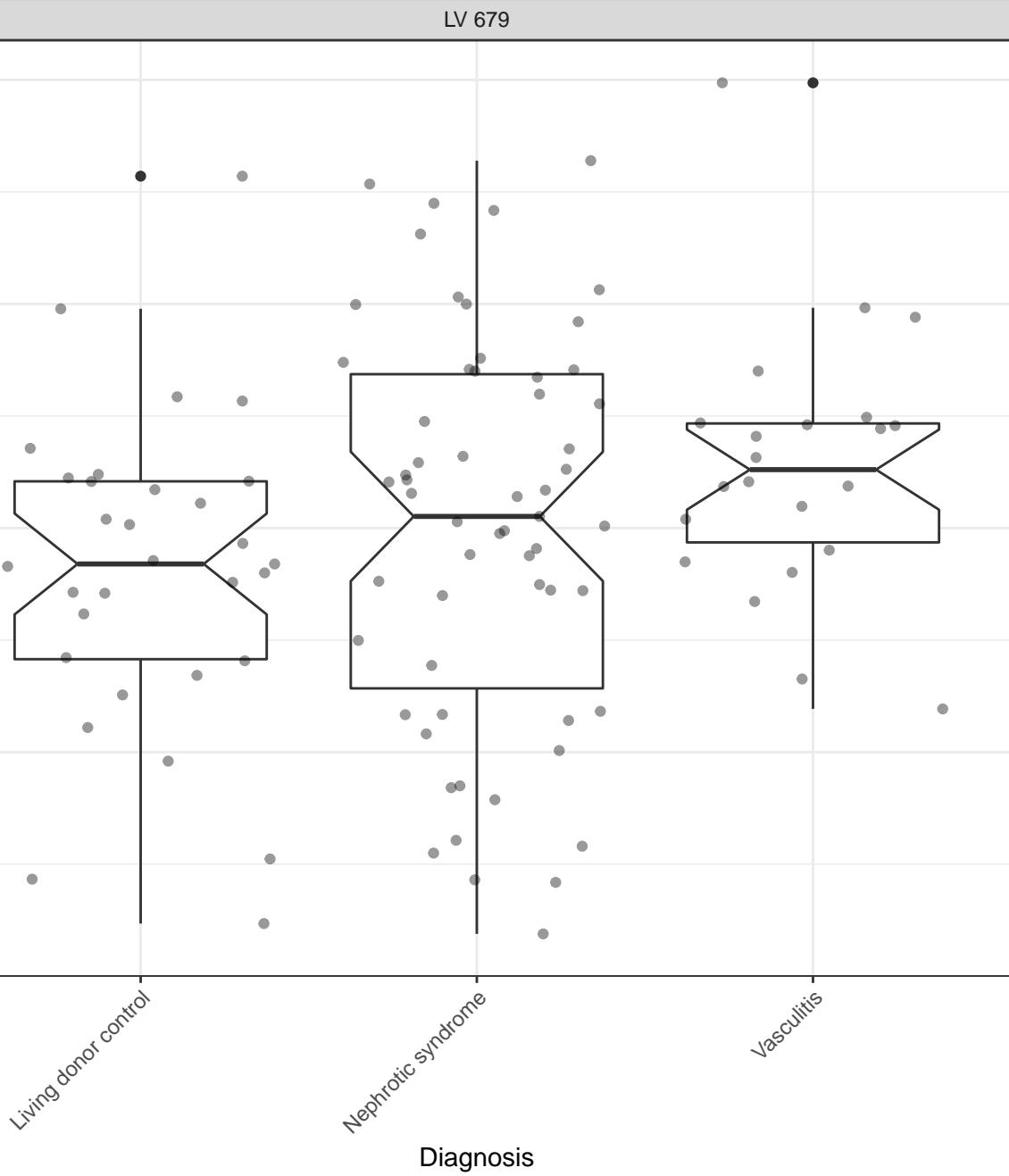
0.06  
0.03  
0.00  
-0.03  
-0.06

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.01

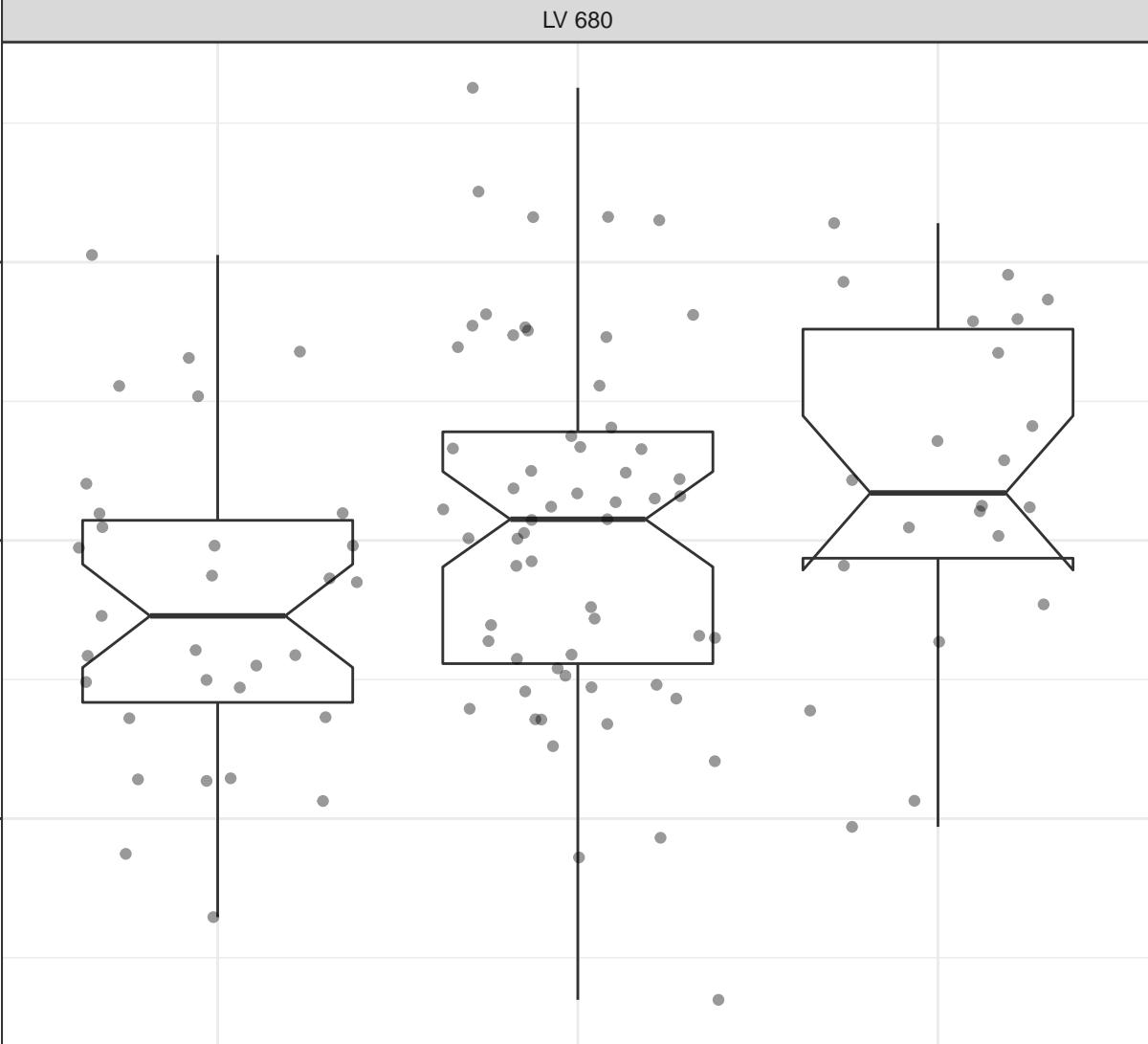
-0.05

Living donor control

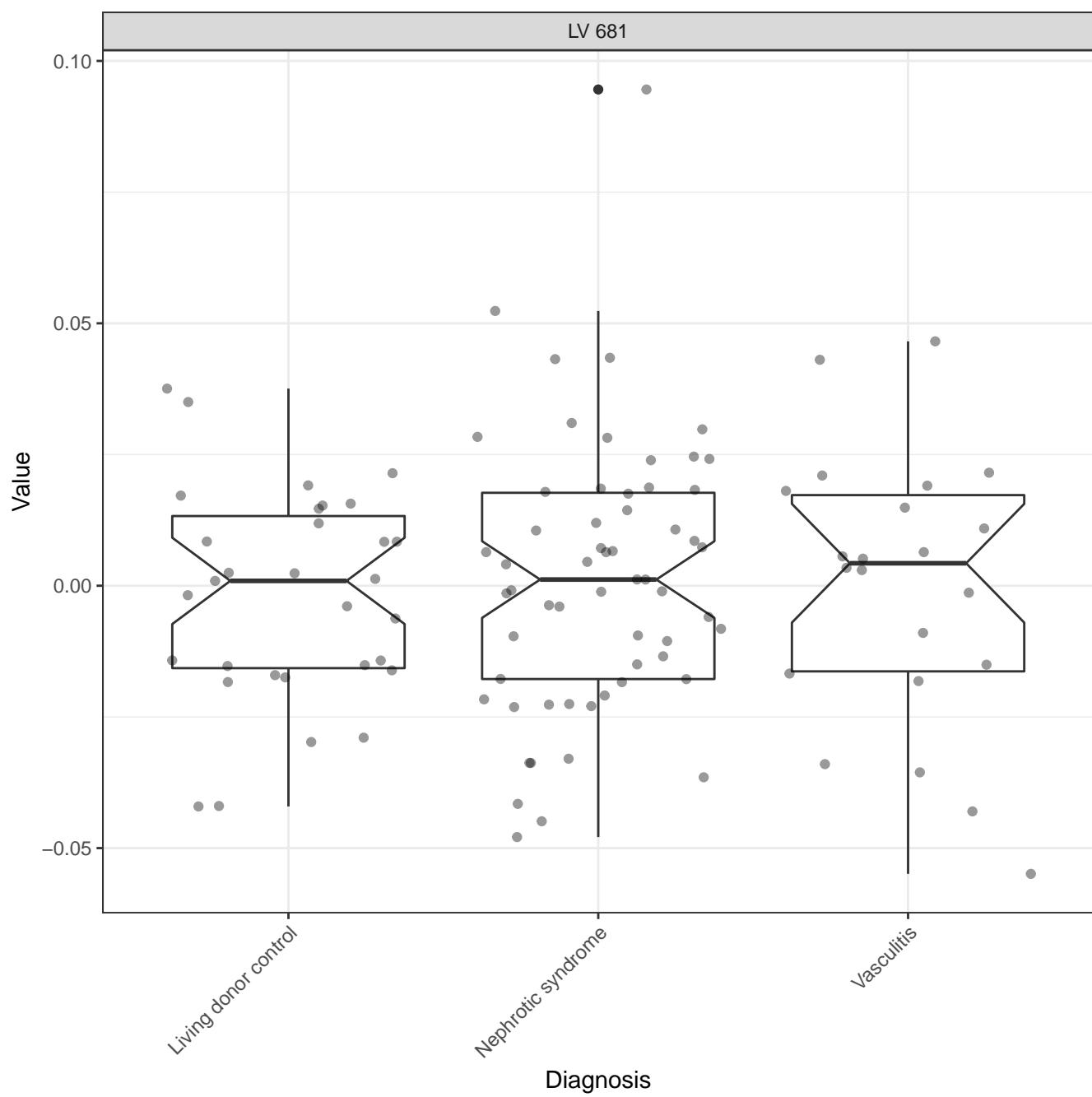
Nephrotic syndrome

Vasculitis

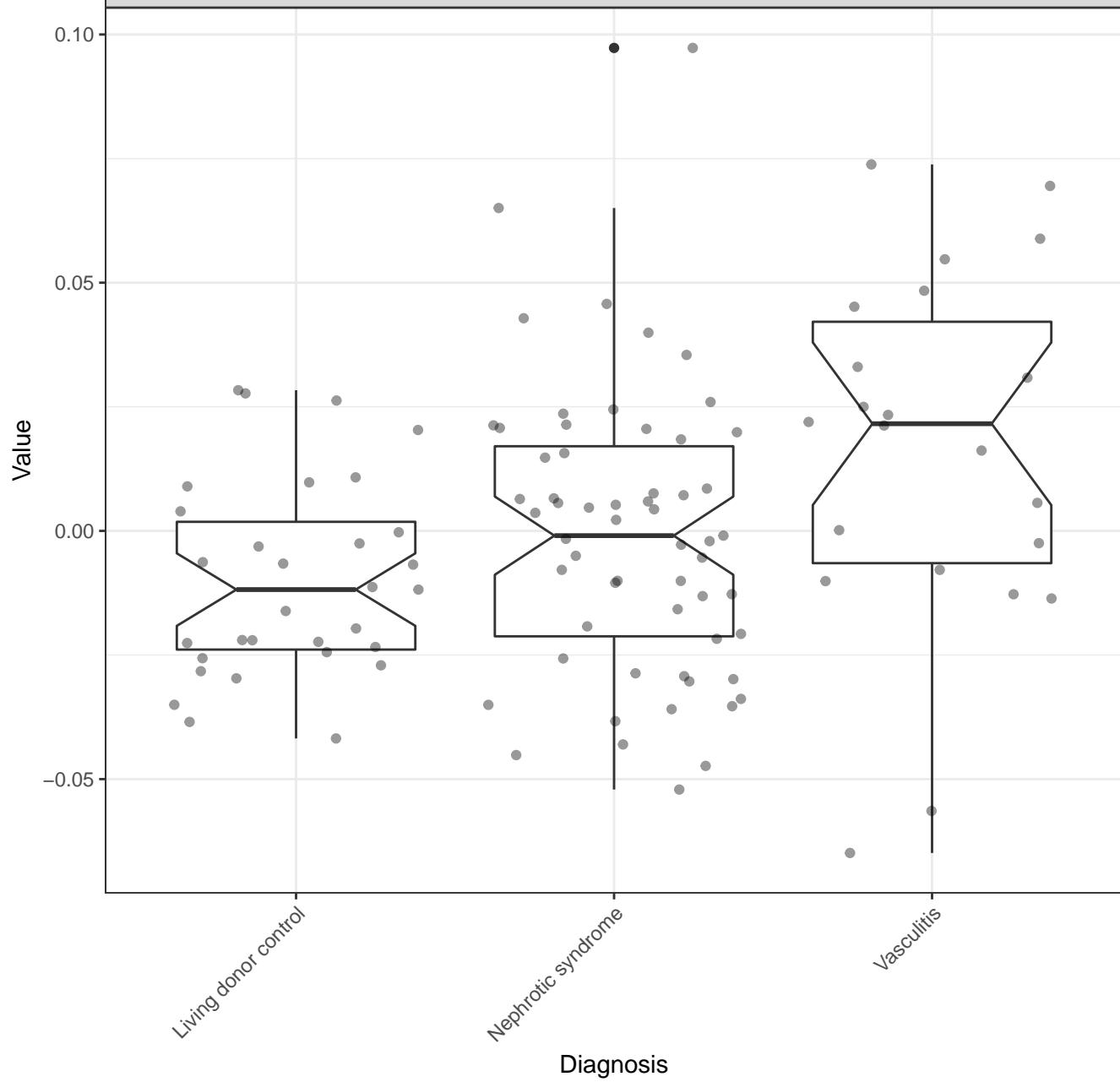
Diagnosis



LV 681



LV 682



Value

0.05

0.00

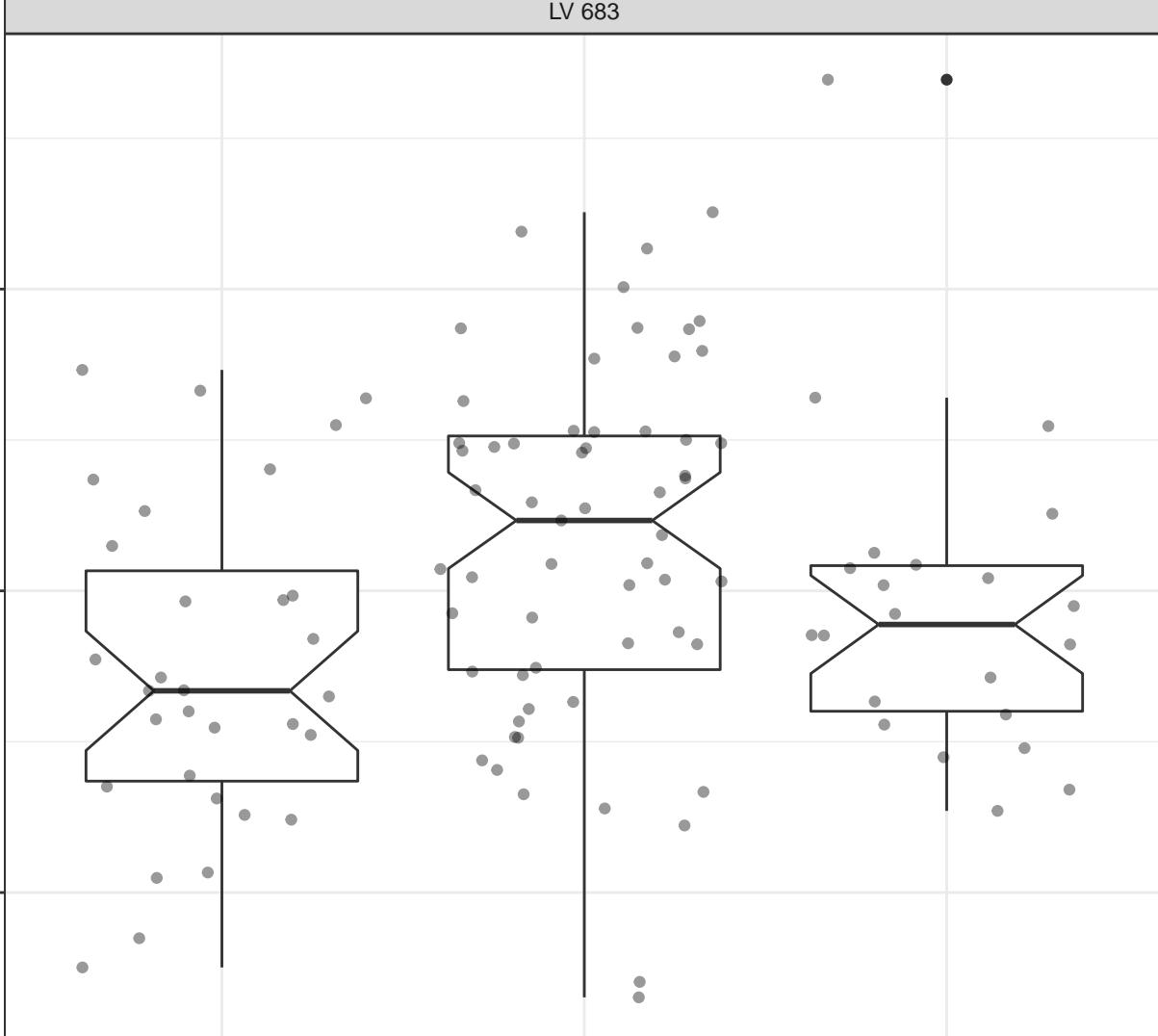
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 684,KEGG\_CELL\_CYCLE

Value

0.05

0.00

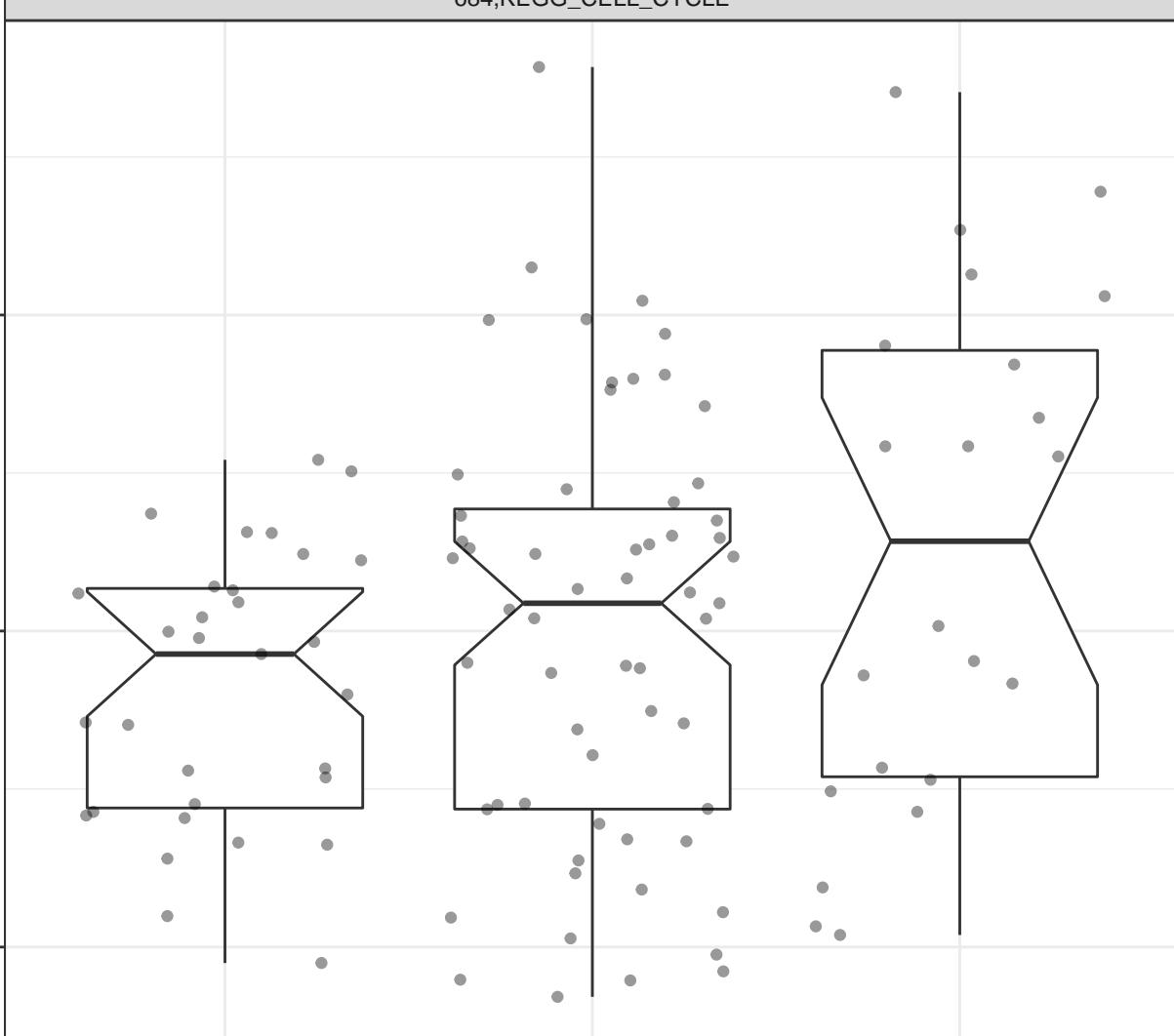
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

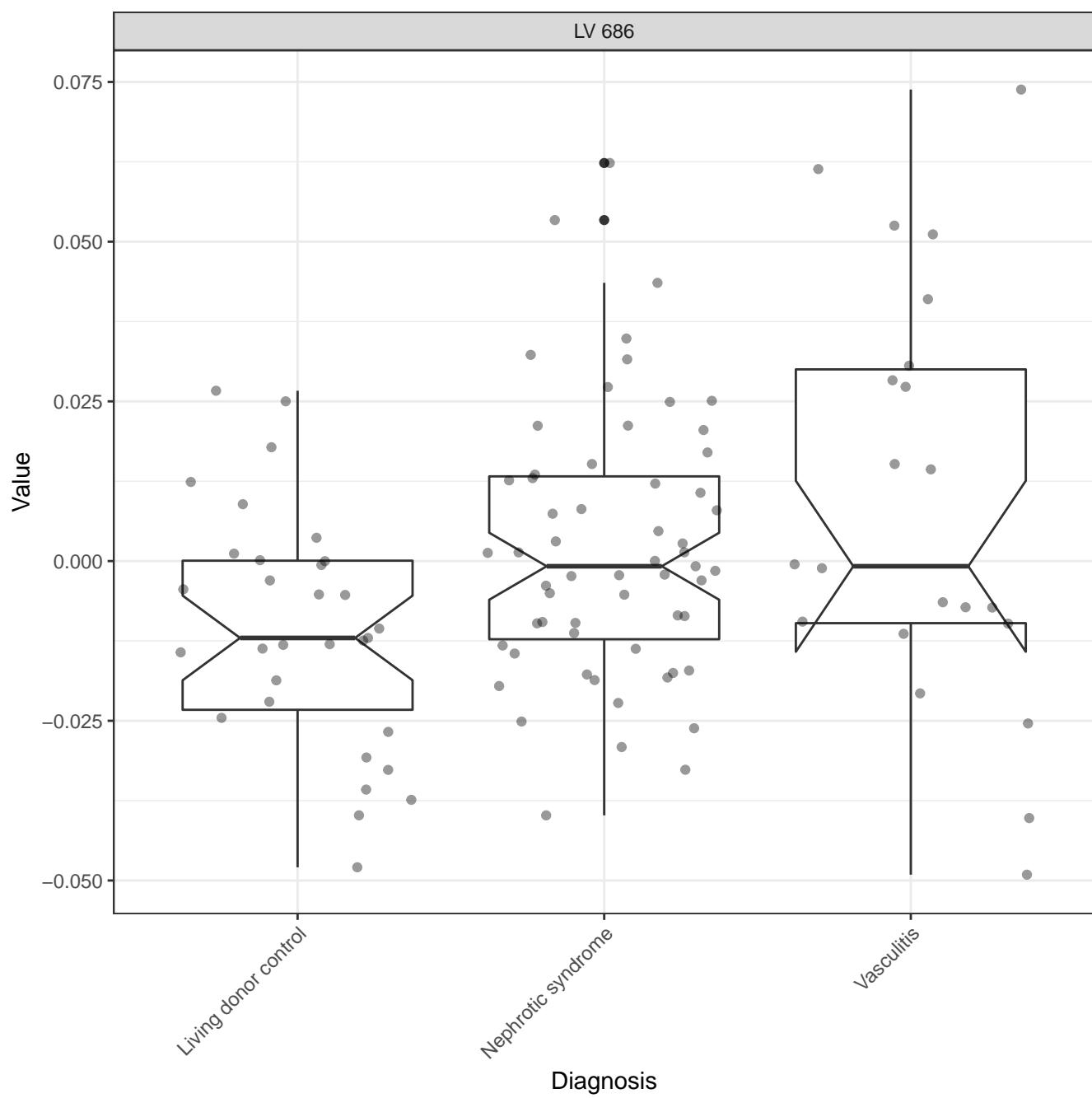
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 686



LV 687

Value

0.05

0.00

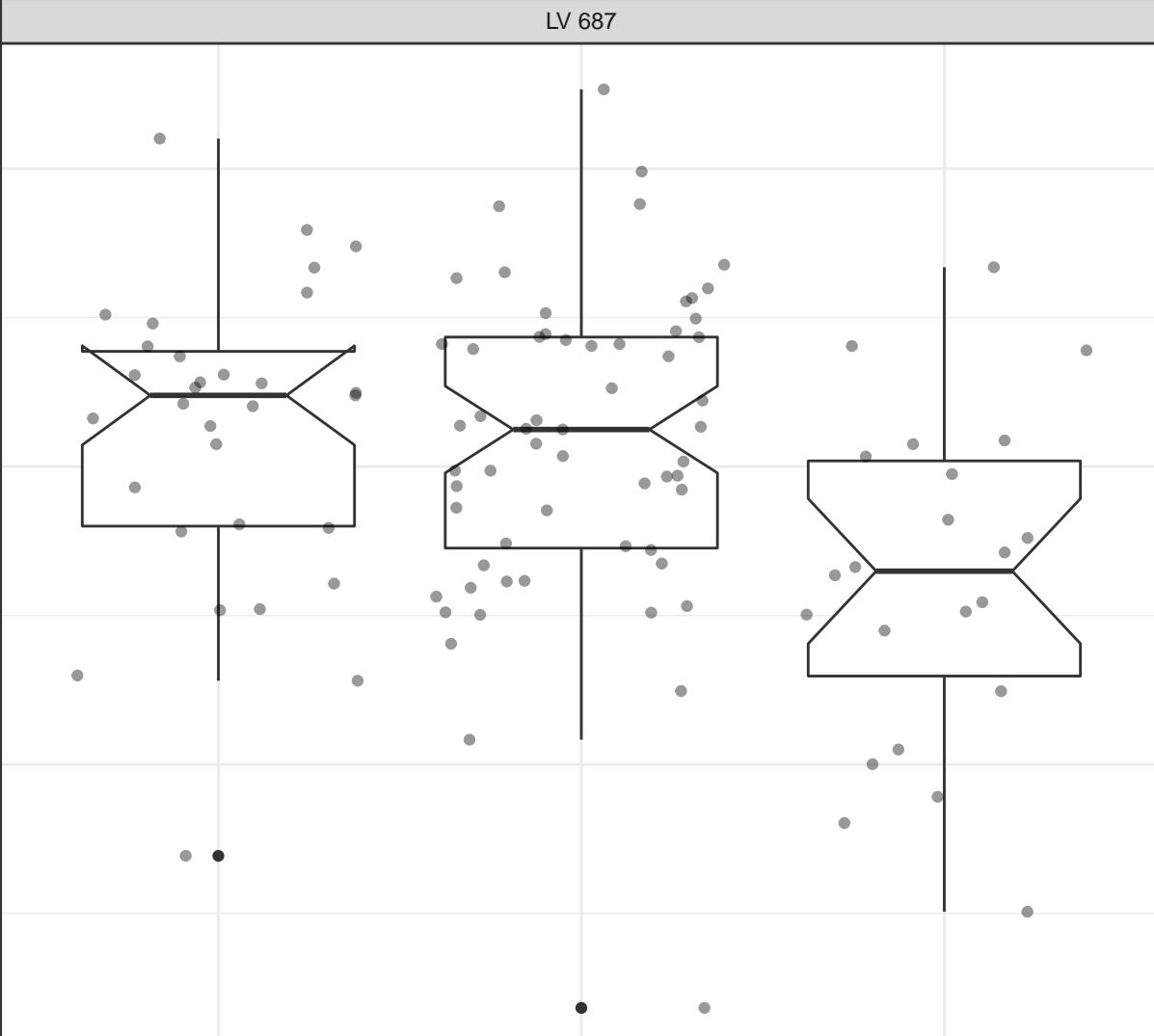
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

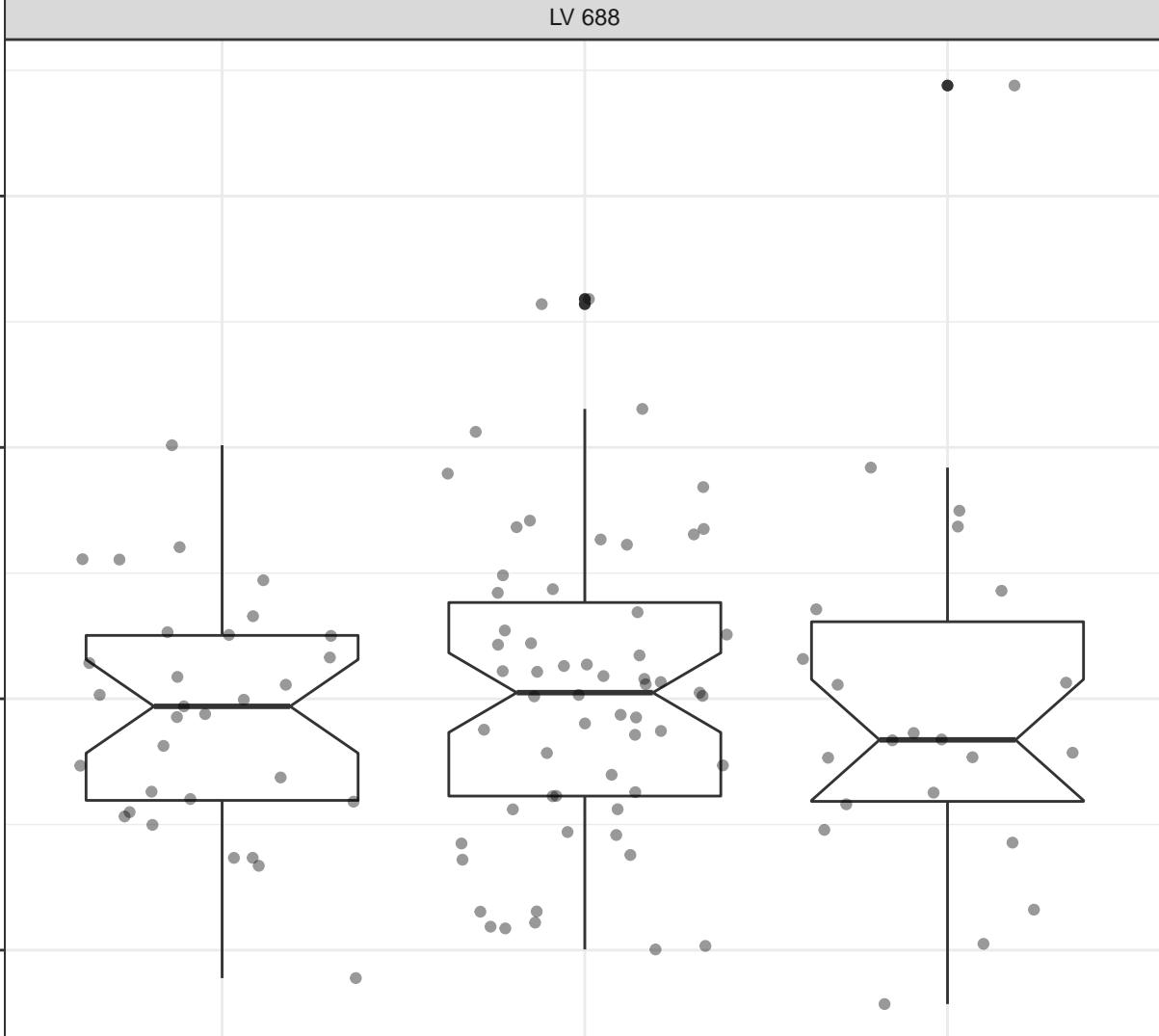
-0.05

Living donor control

Nephrotic syndrome

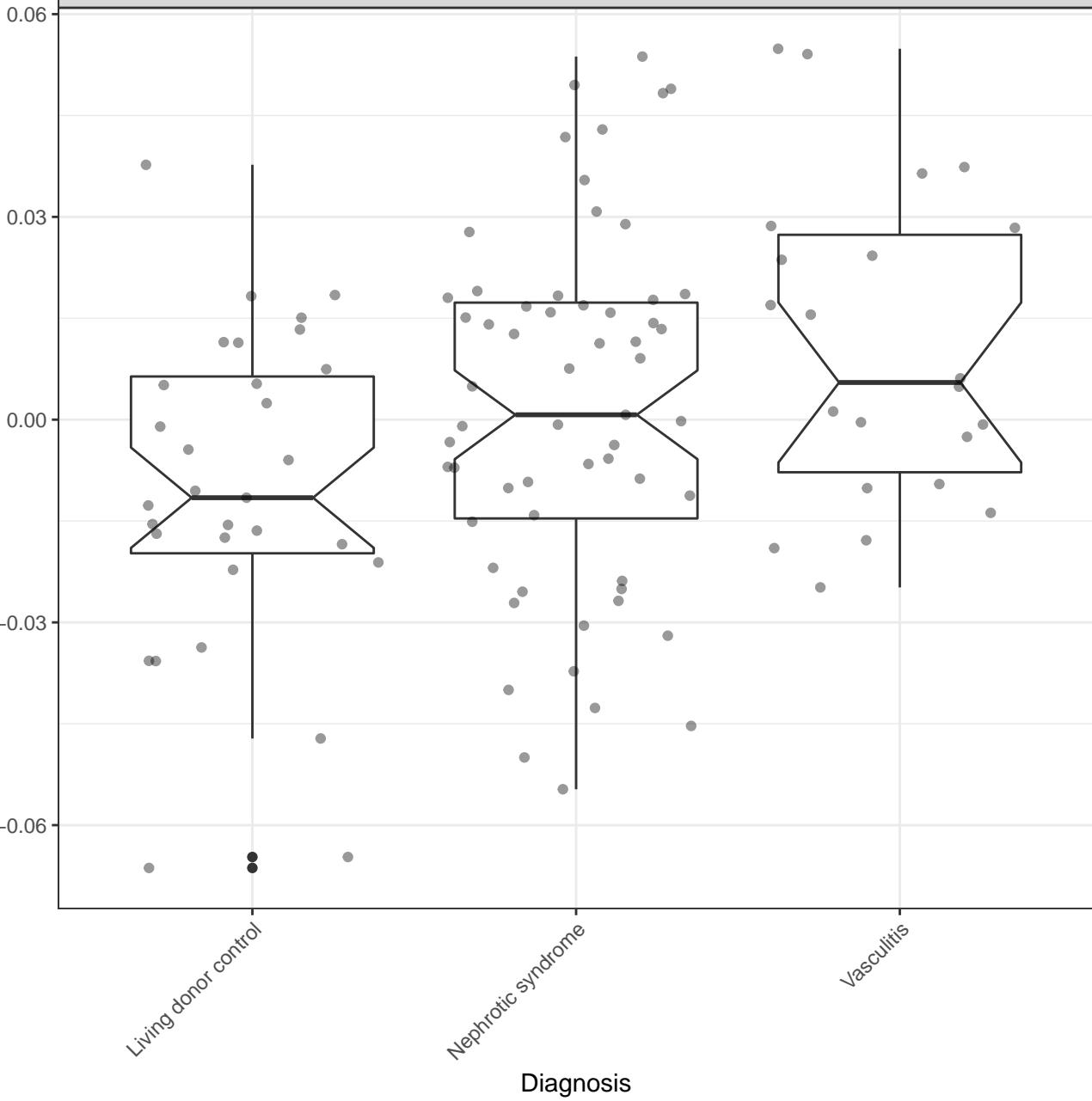
Vasculitis

Diagnosis



LV 689

Value



LV 690

Value

0.05

0.00

-0.05

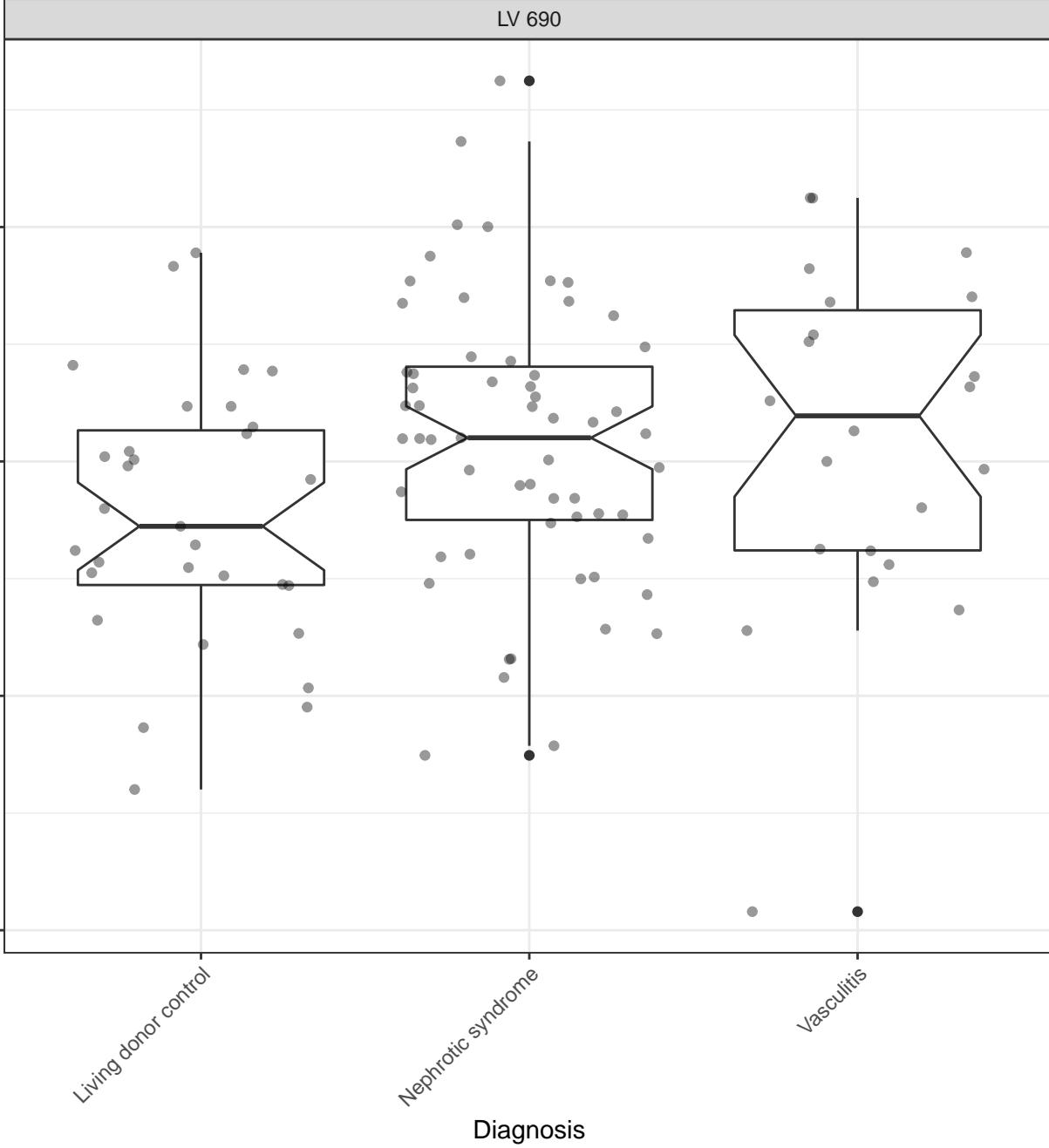
-0.10

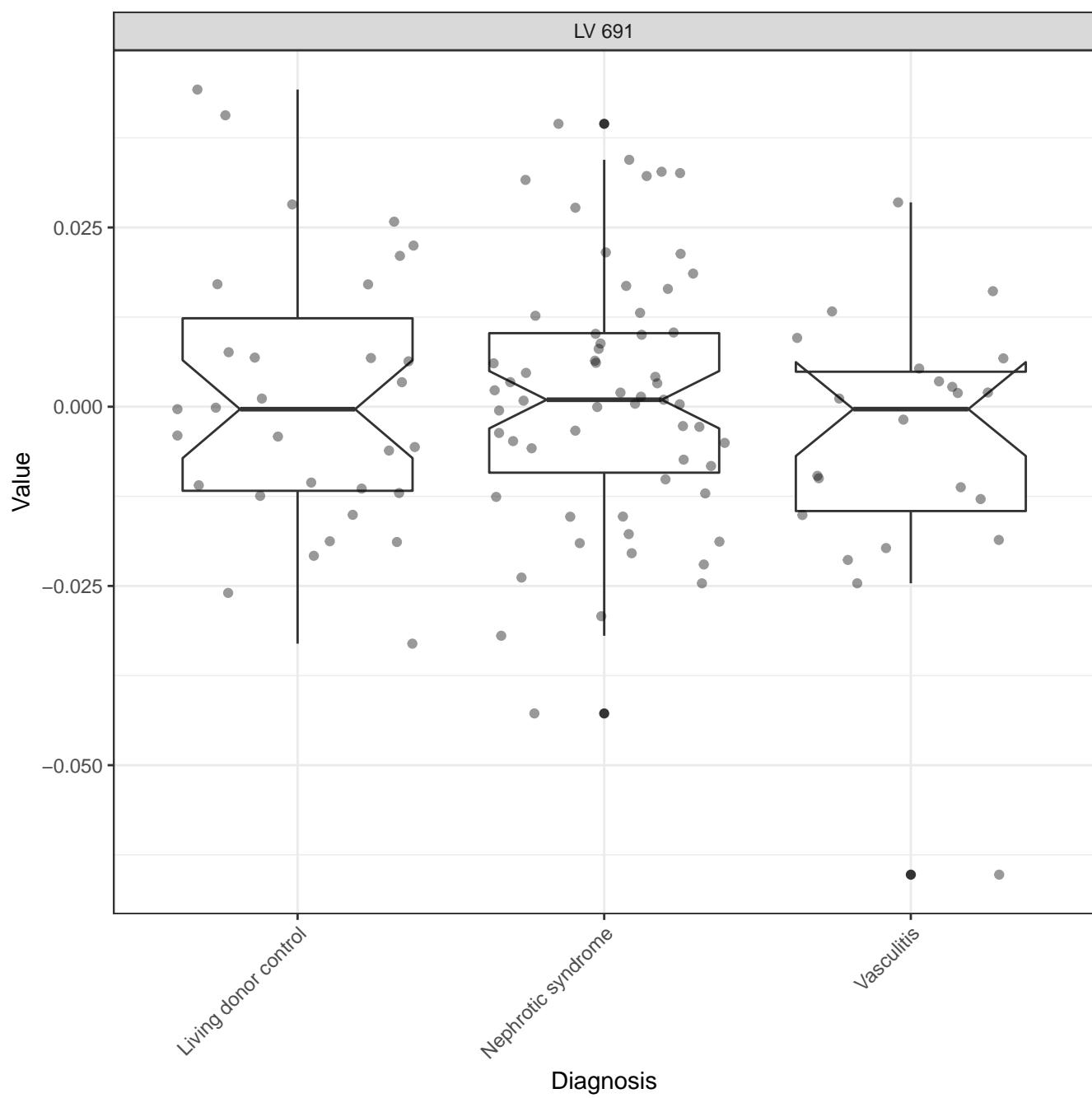
Living donor control

Nephrotic syndrome

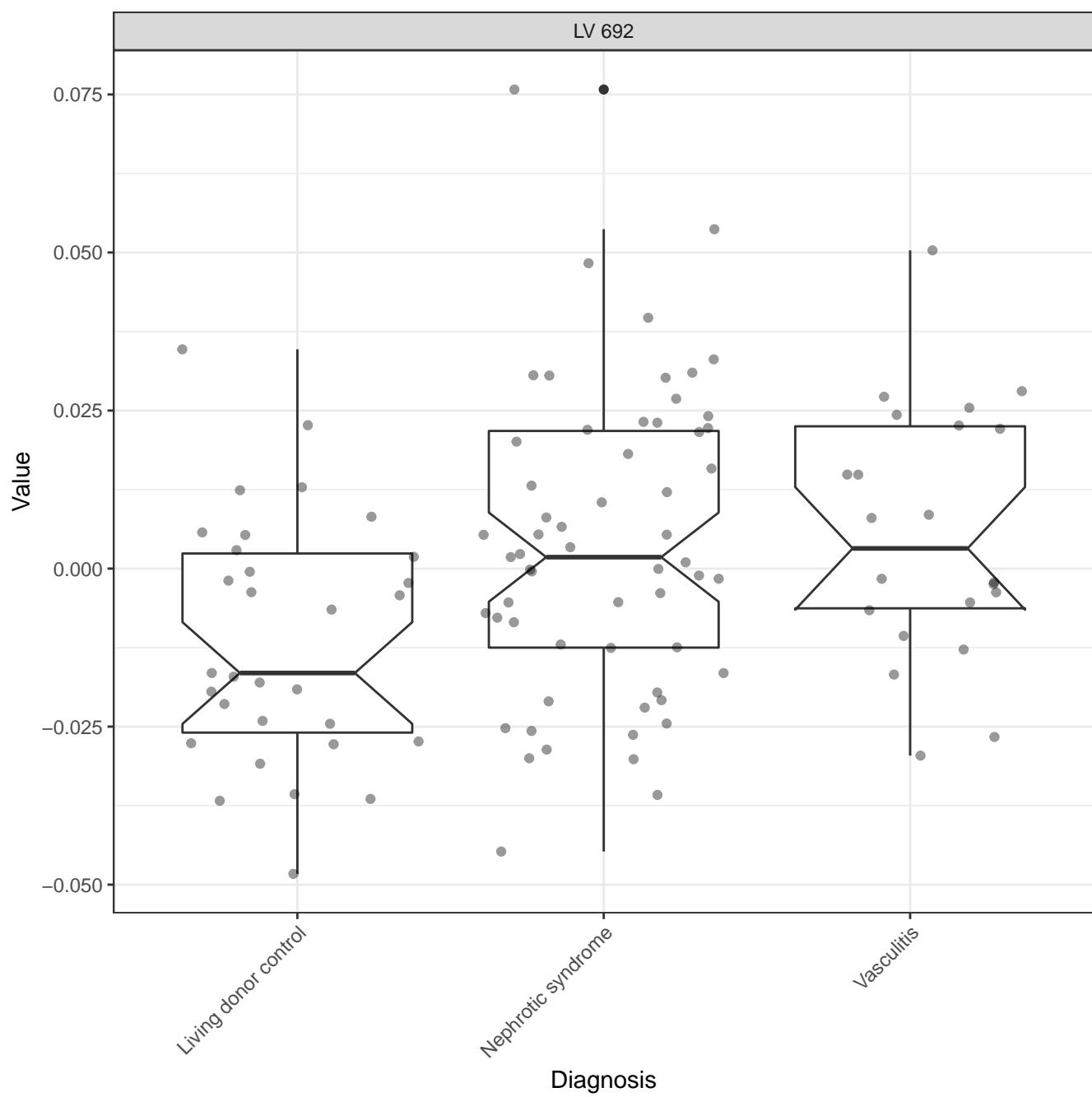
Vasculitis

Diagnosis





LV 692



Value

0.05

0.00

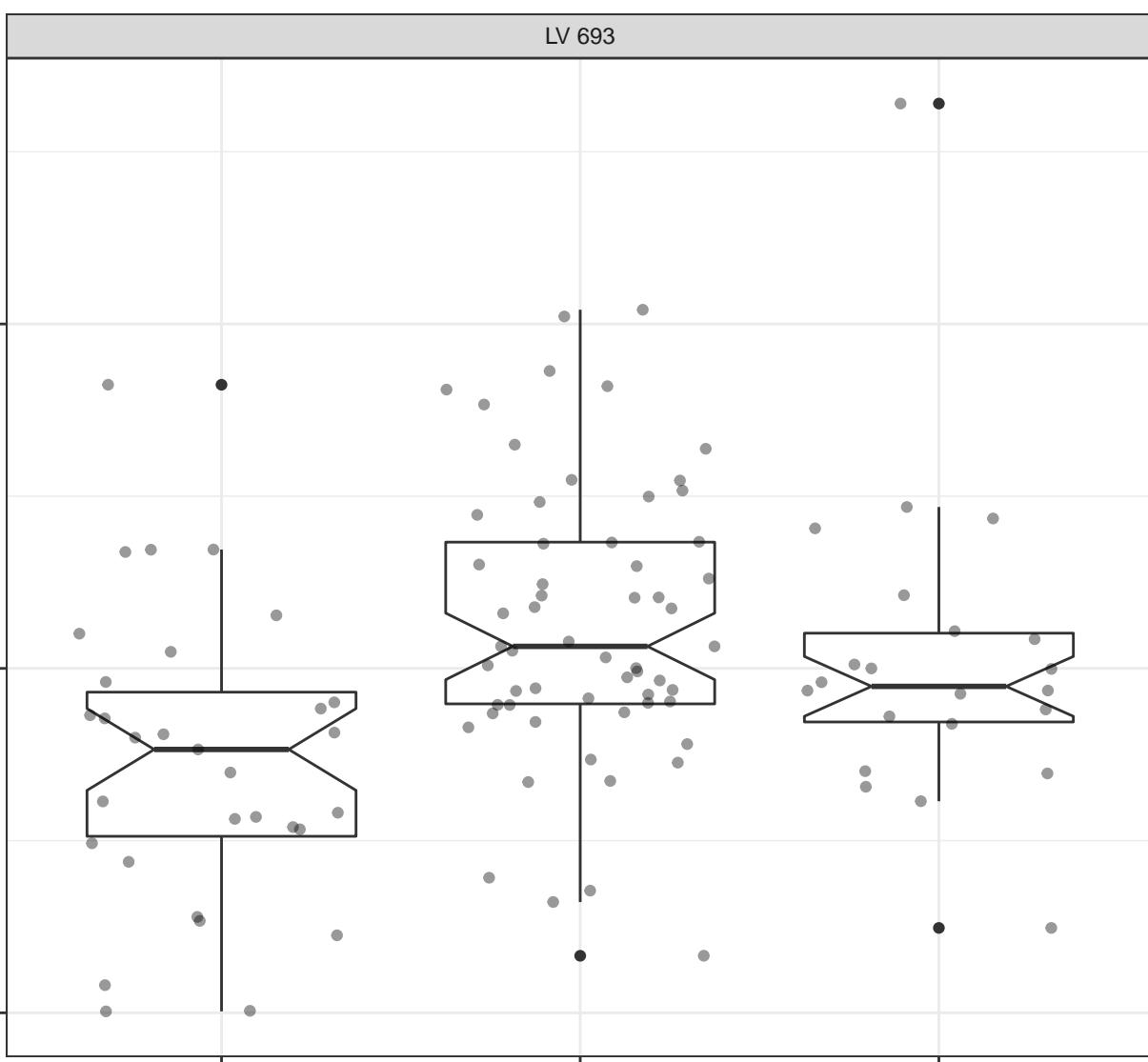
-0.05

Living donor control

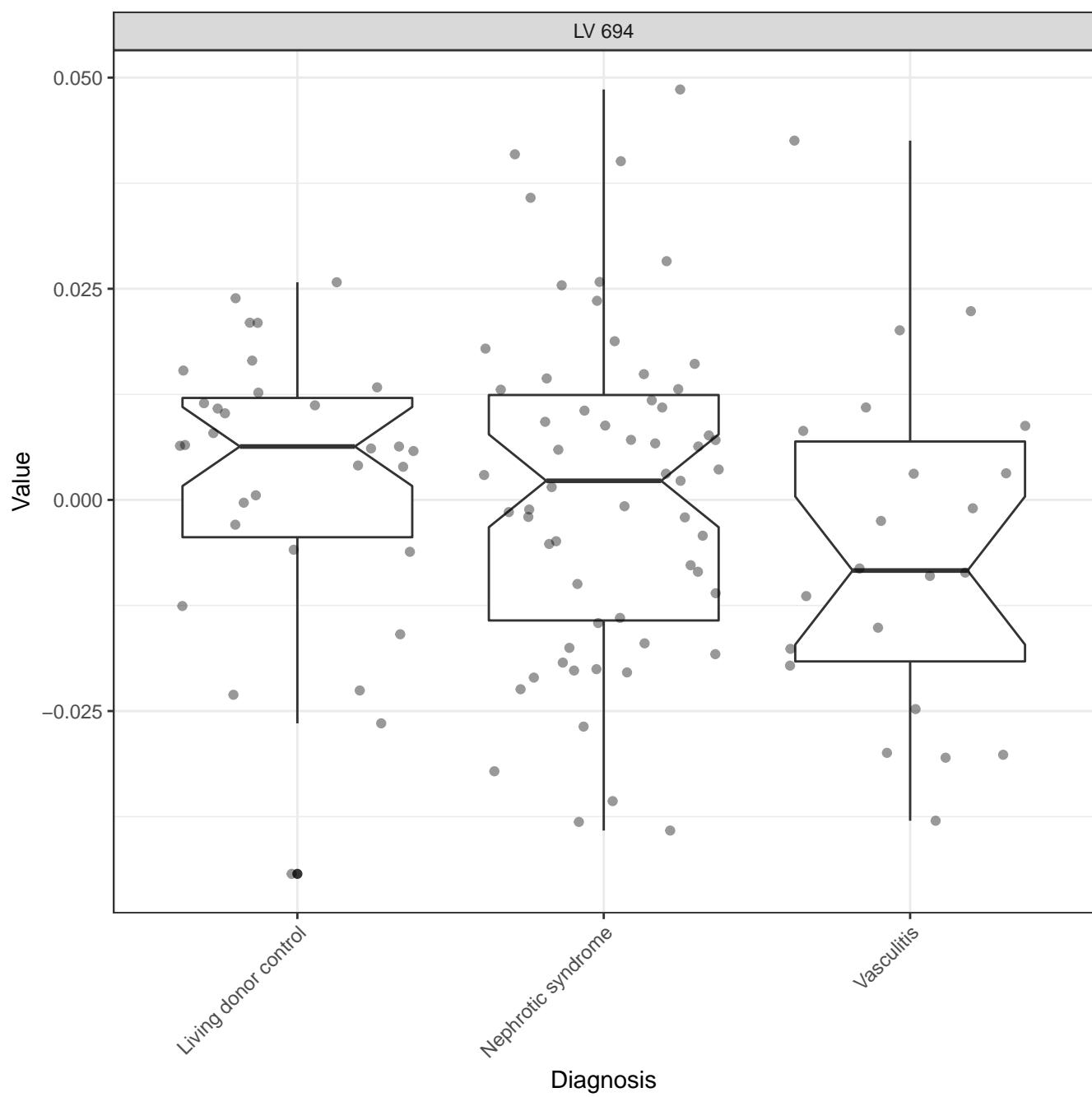
Nephrotic syndrome

Vasculitis

Diagnosis



LV 694



LV 695

Value

0.06

0.03

0.00

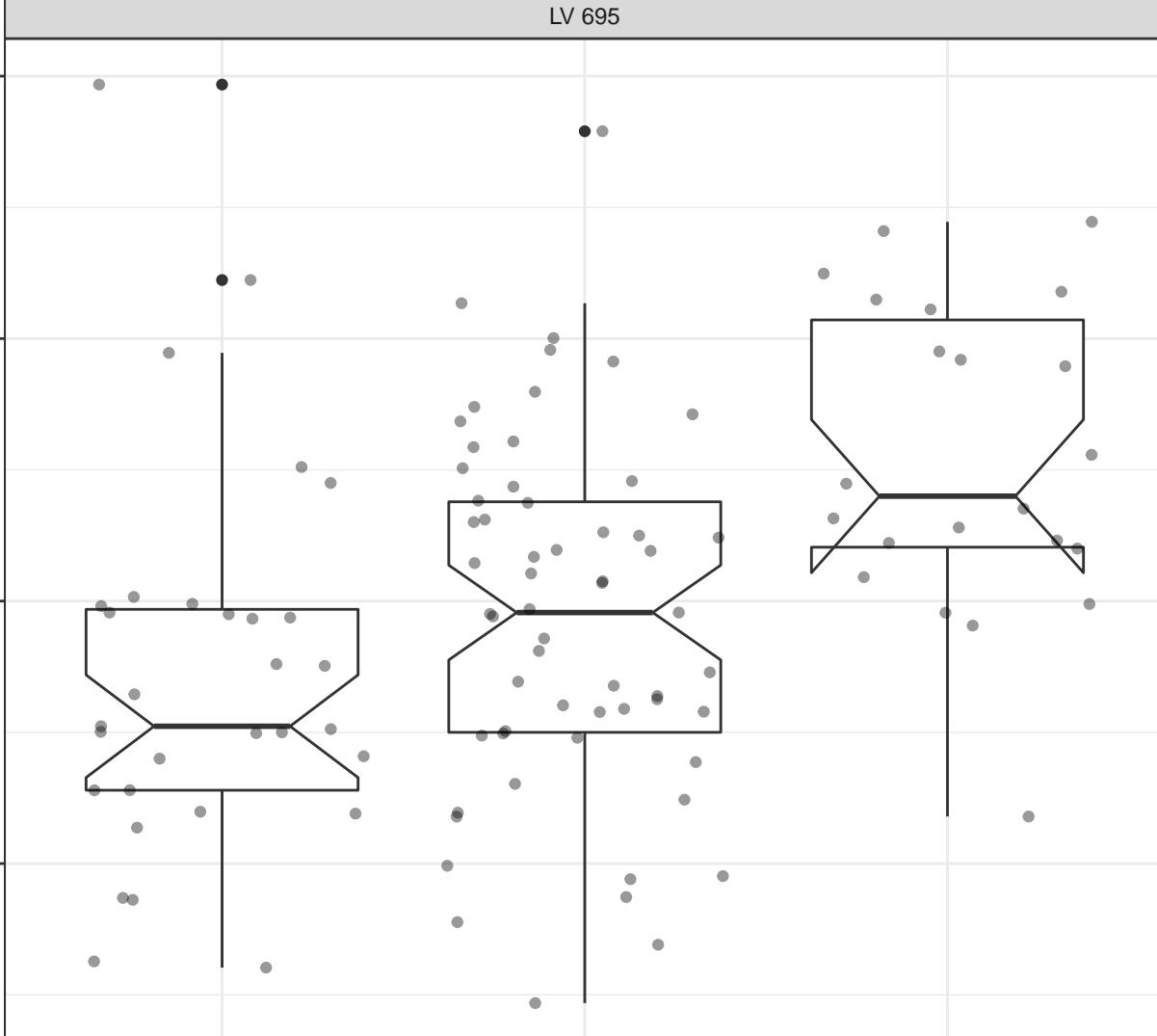
-0.03

Living donor control

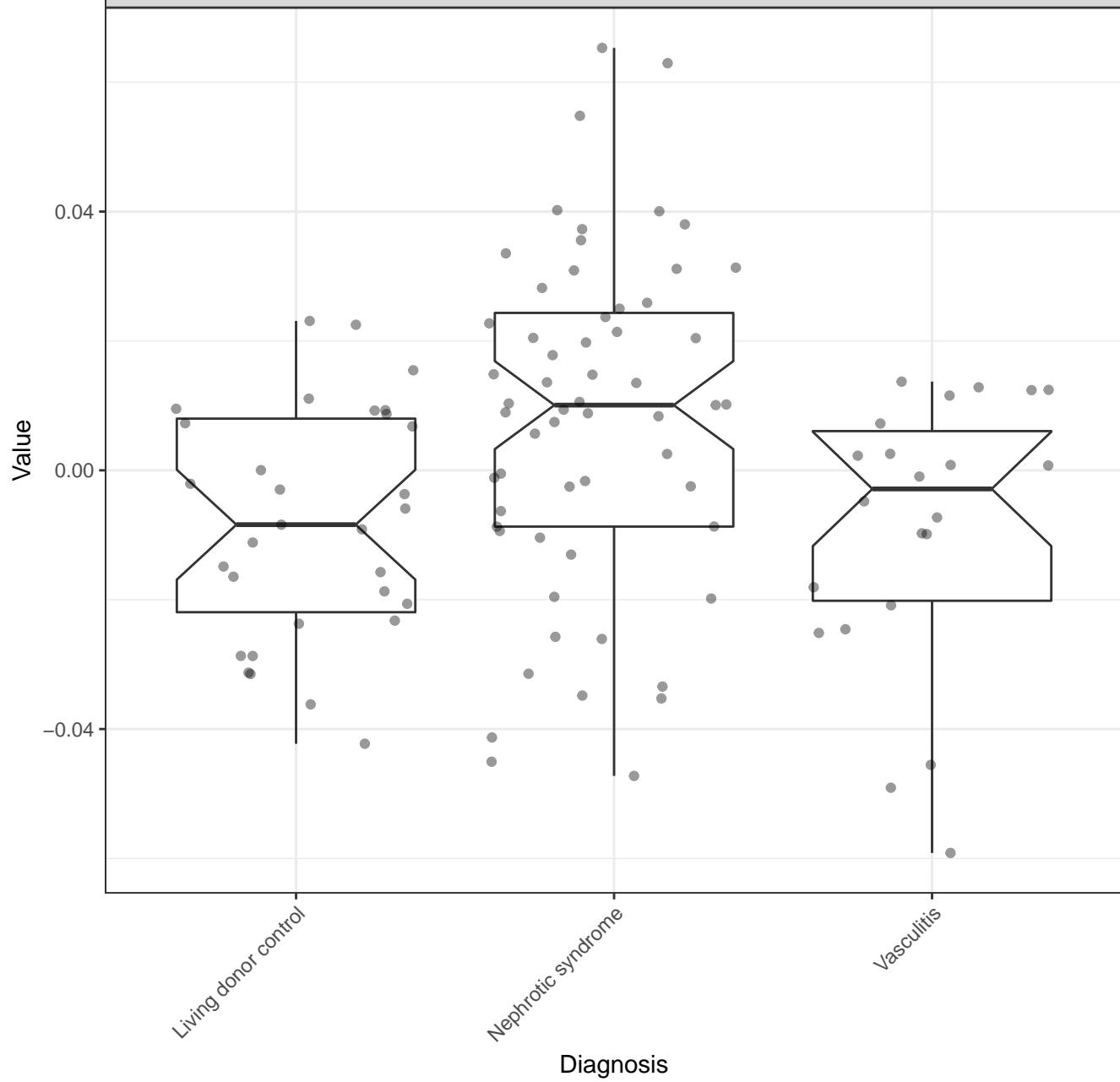
Nephrotic syndrome

Vasculitis

Diagnosis



LV 696



LV 697

Value

0.10

0.05

0.00

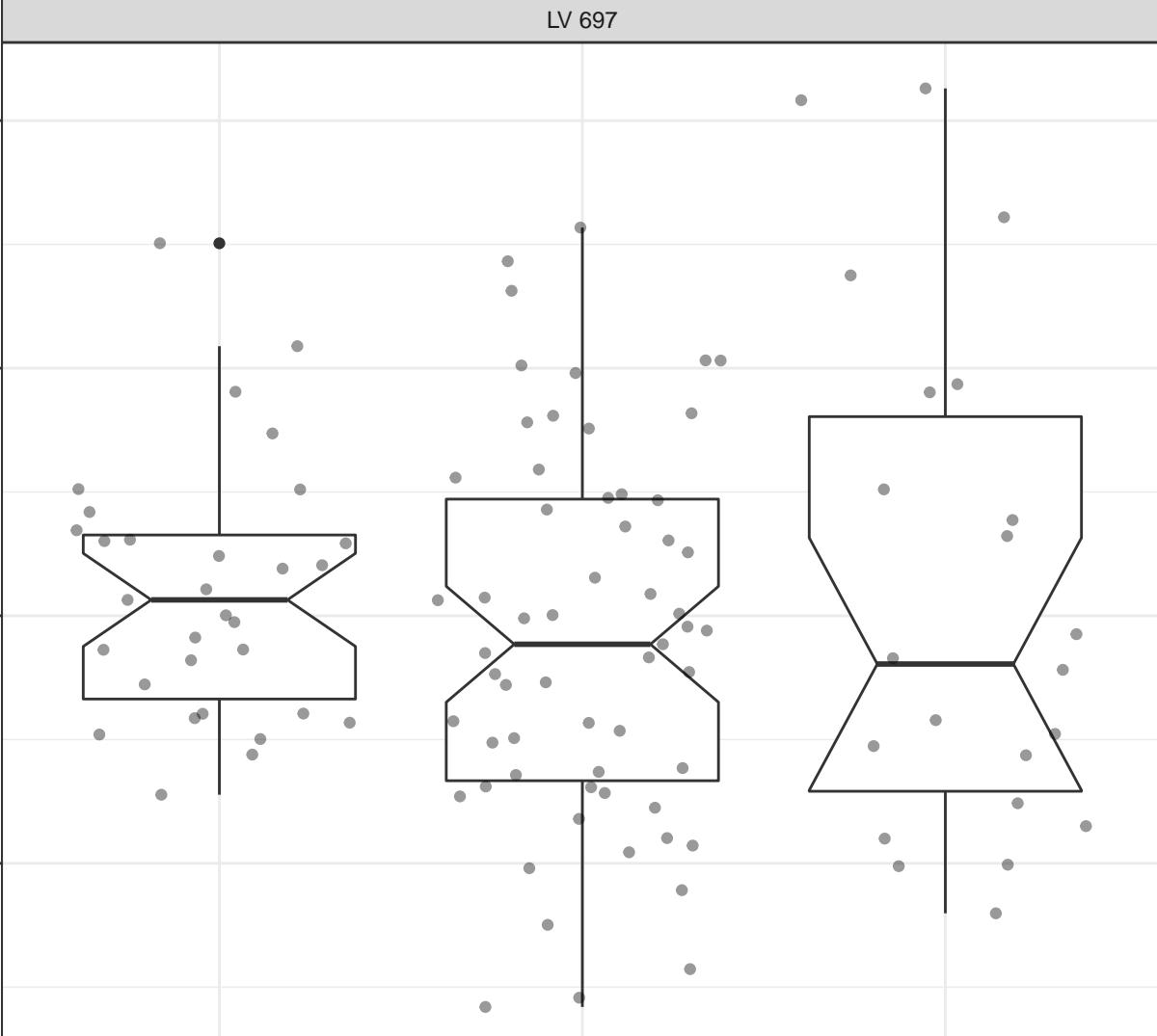
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 698

Value

0.04

0.00

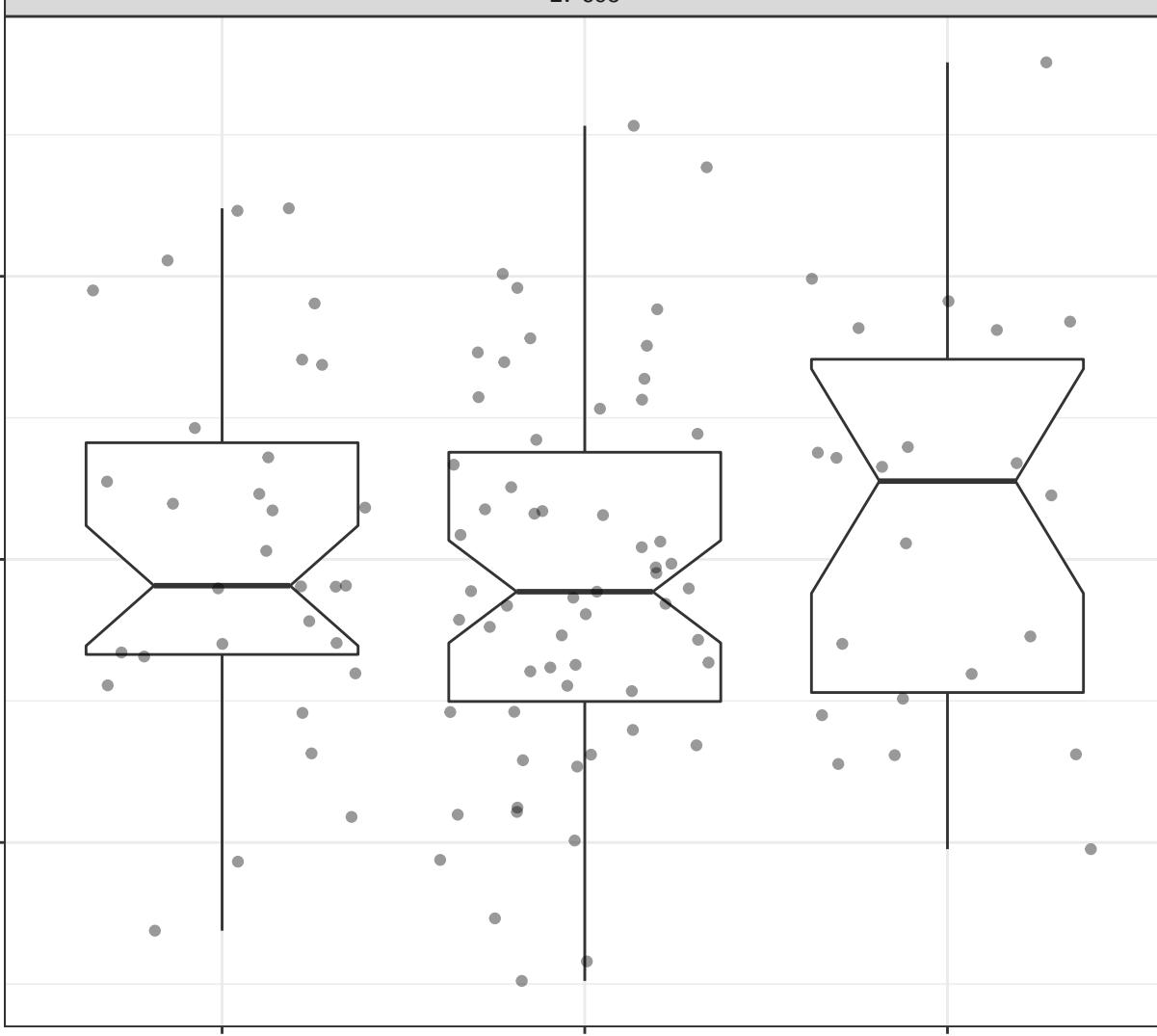
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.01

-0.05

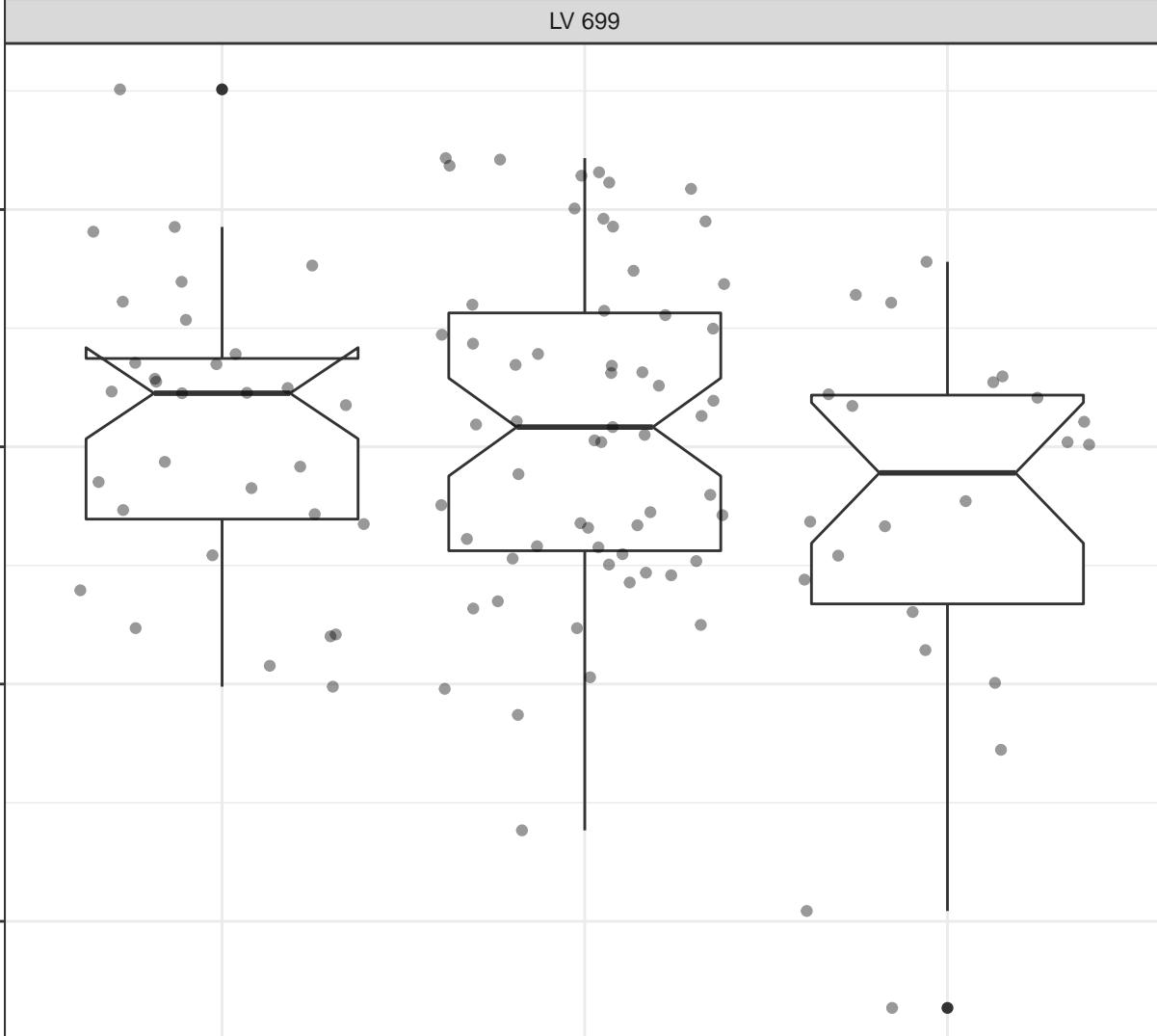
-0.10

Living donor control

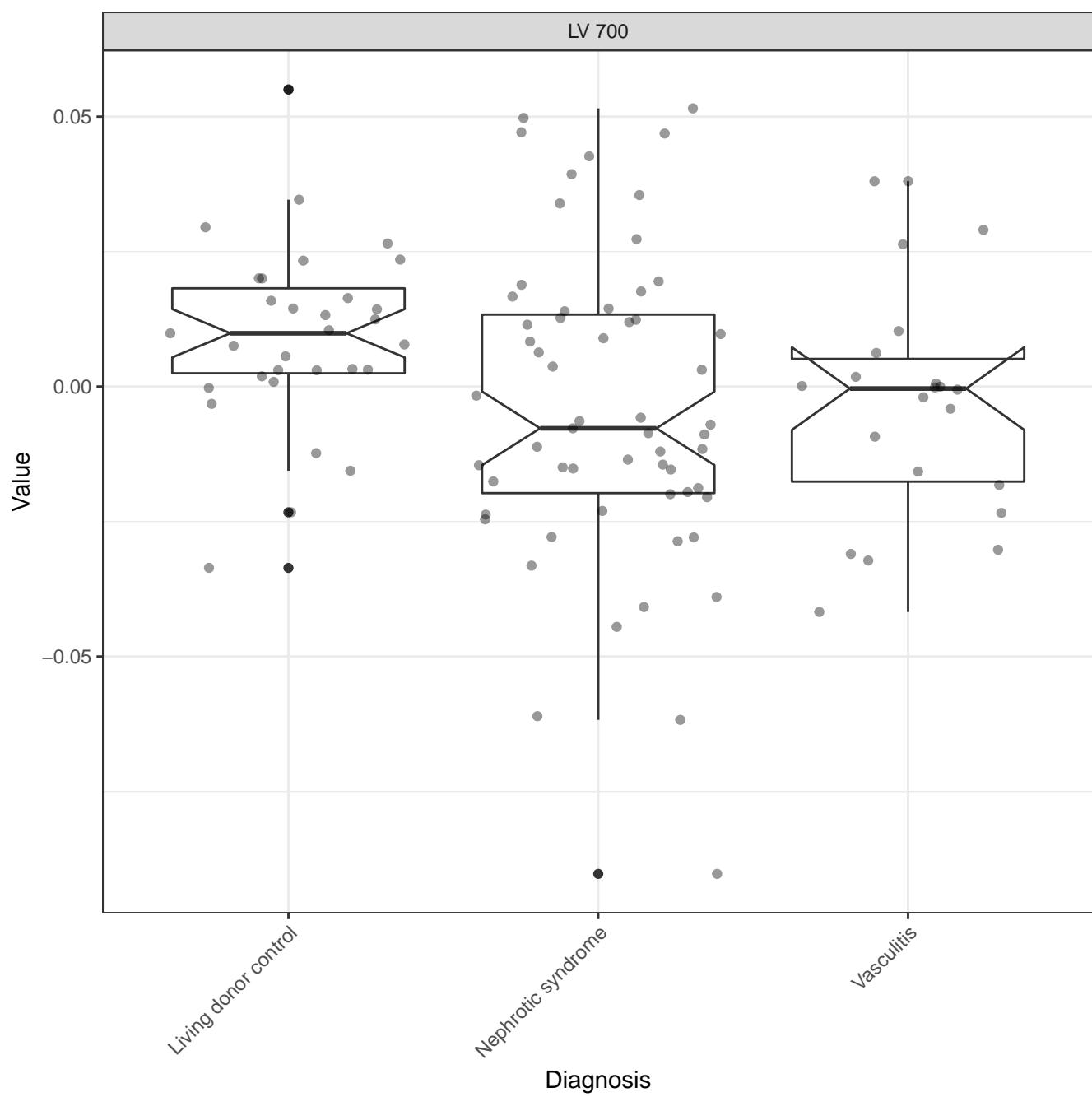
Nephrotic syndrome

Vasculitis

Diagnosis



LV 700



LV 701

Value

0.05

0.00

-0.05

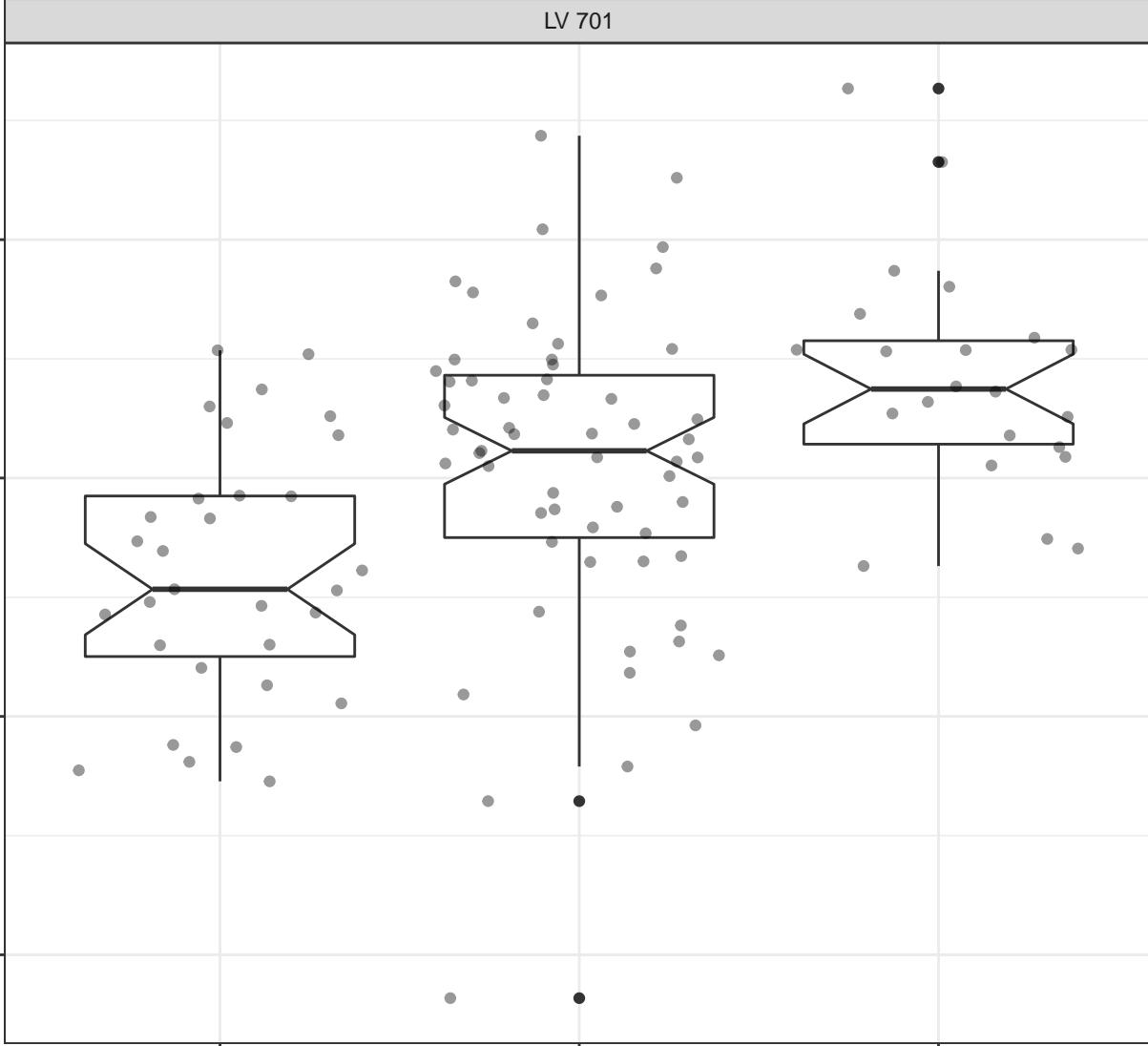
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 702

Value

0.10

0.05

0.00

-0.05

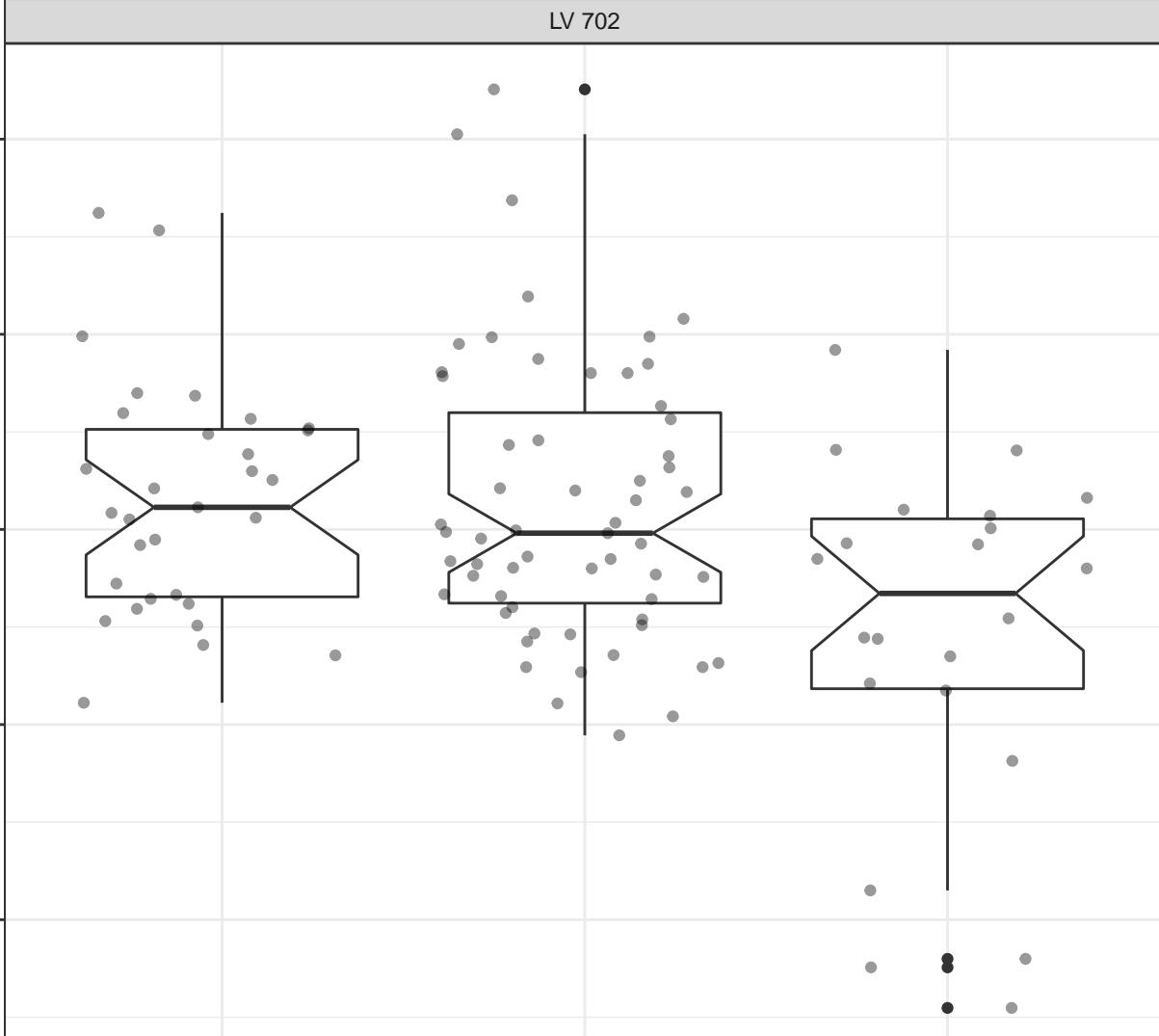
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 703

Value

0.04

0.02

0.00

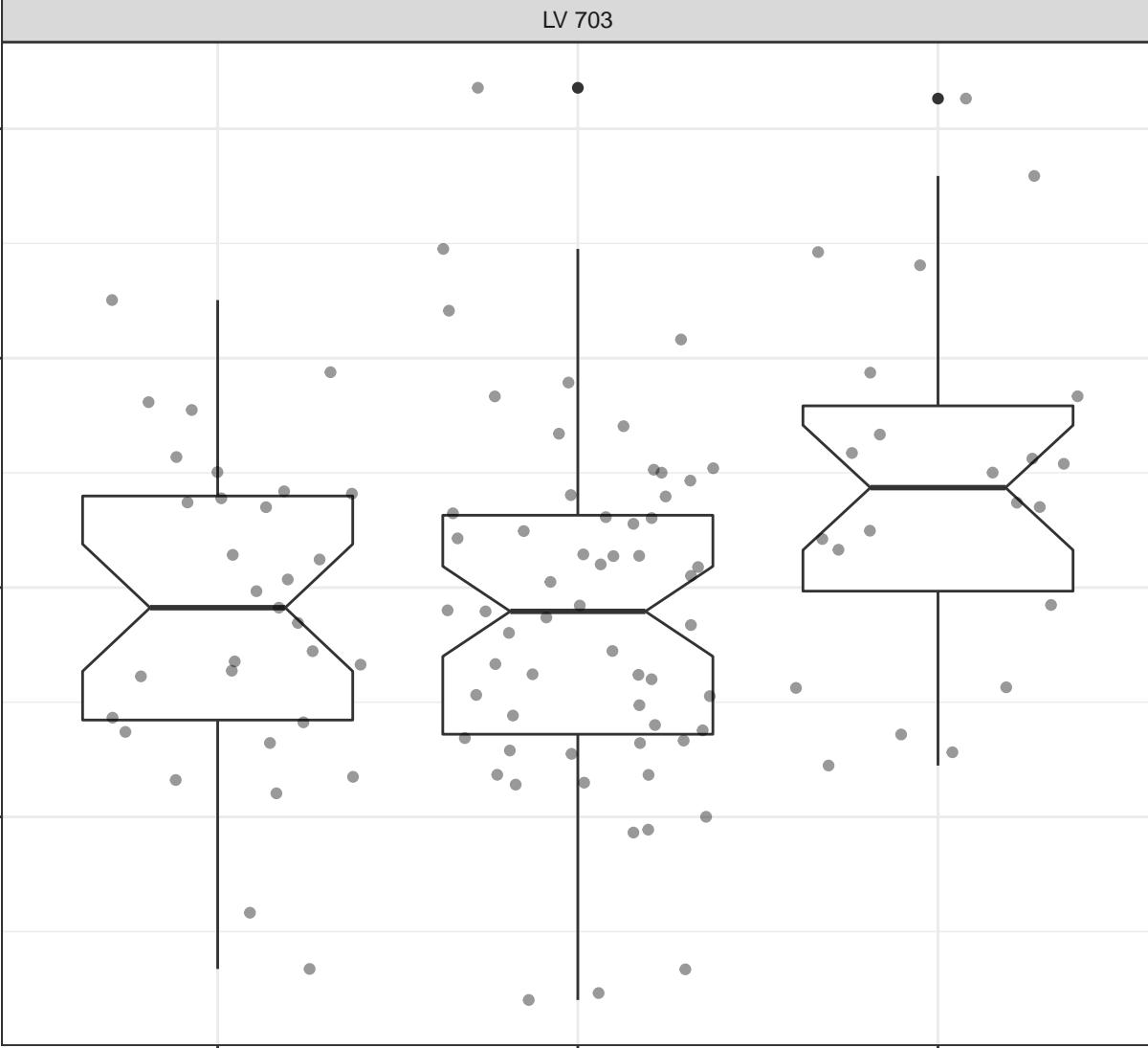
-0.02

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 704

Value

0.05

0.00

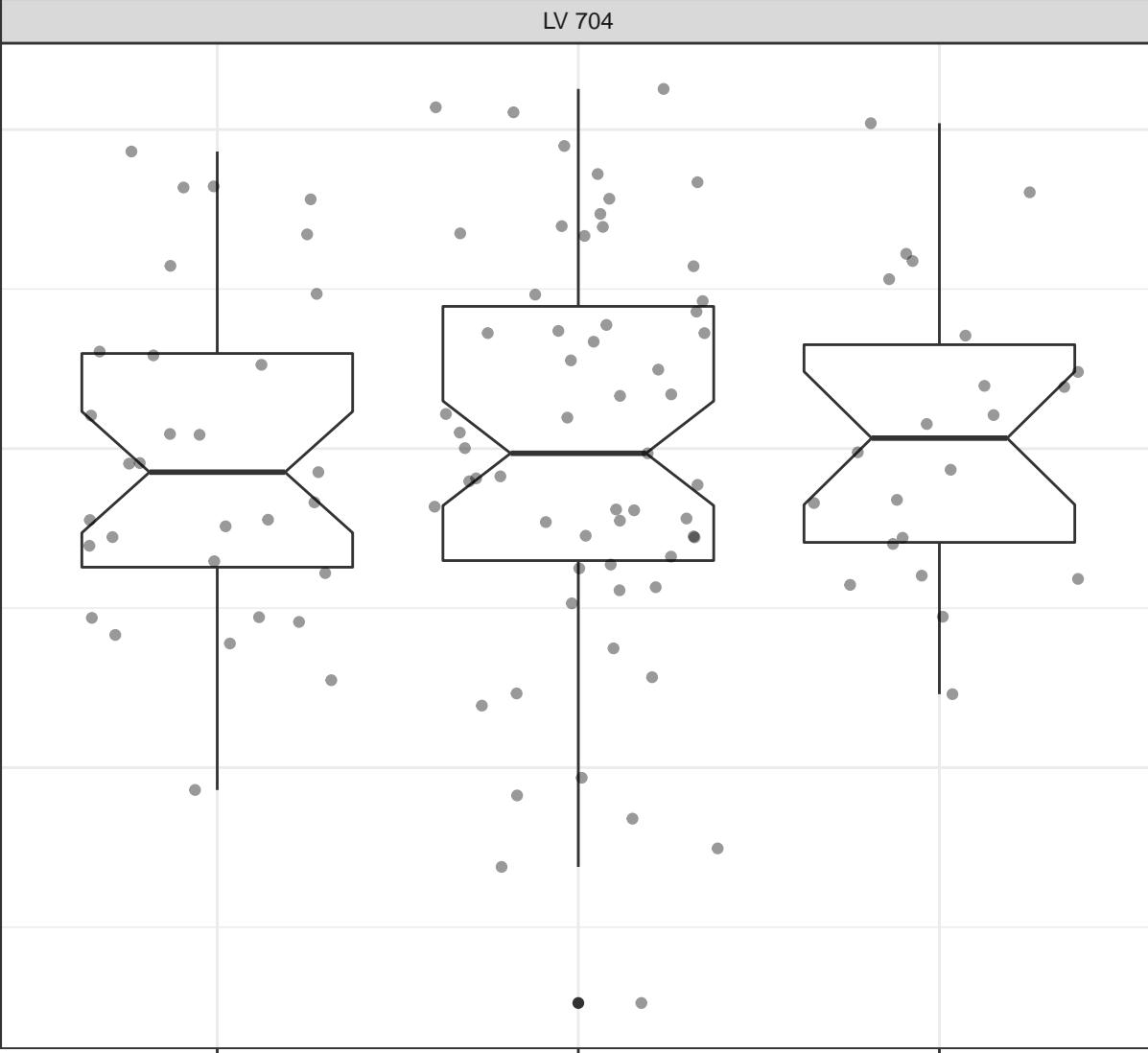
-0.05

Living donor control

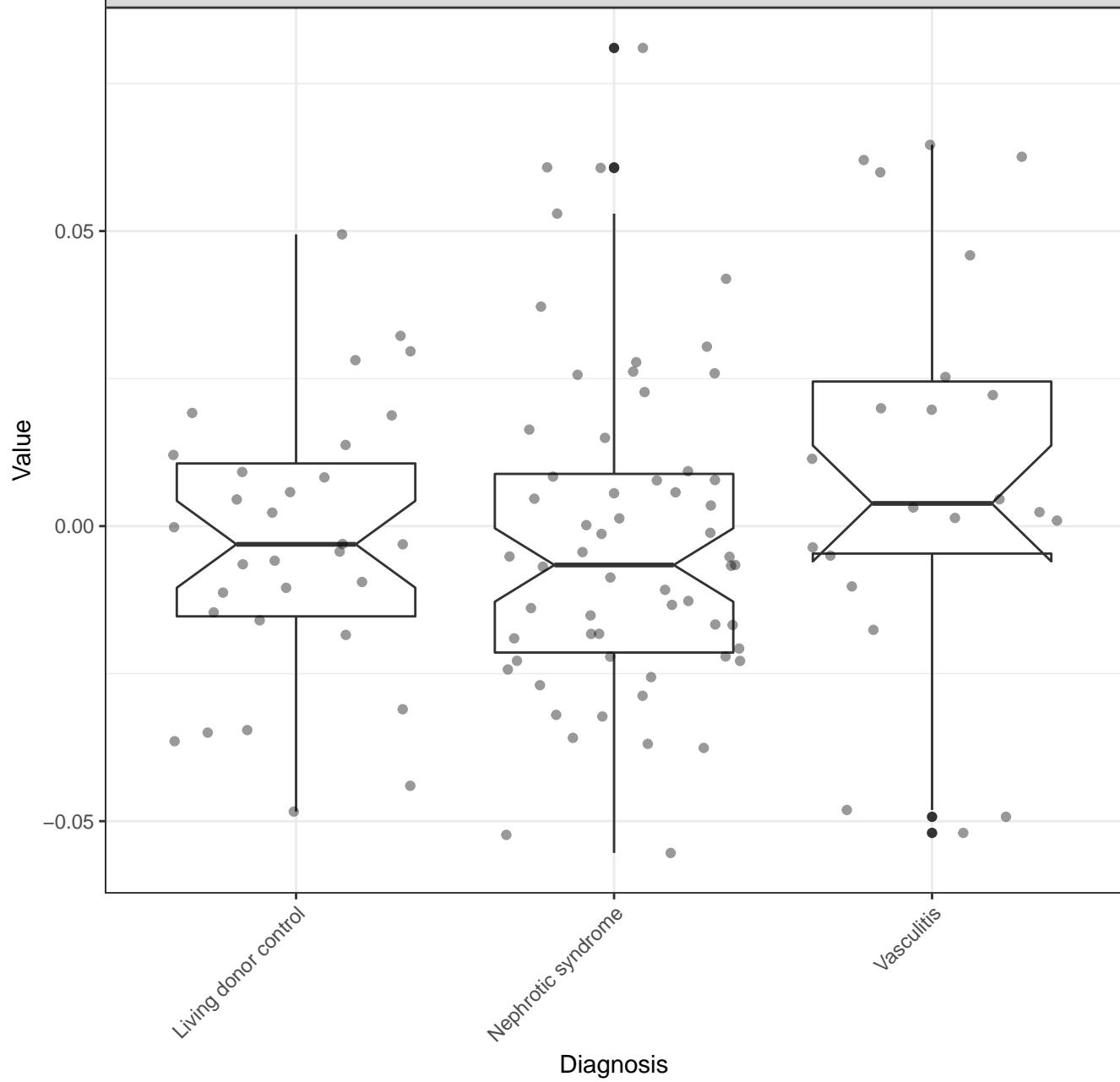
Nephrotic syndrome

Vasculitis

Diagnosis



705,SVM NK cells activated



Value

0.04

0.00

-0.04

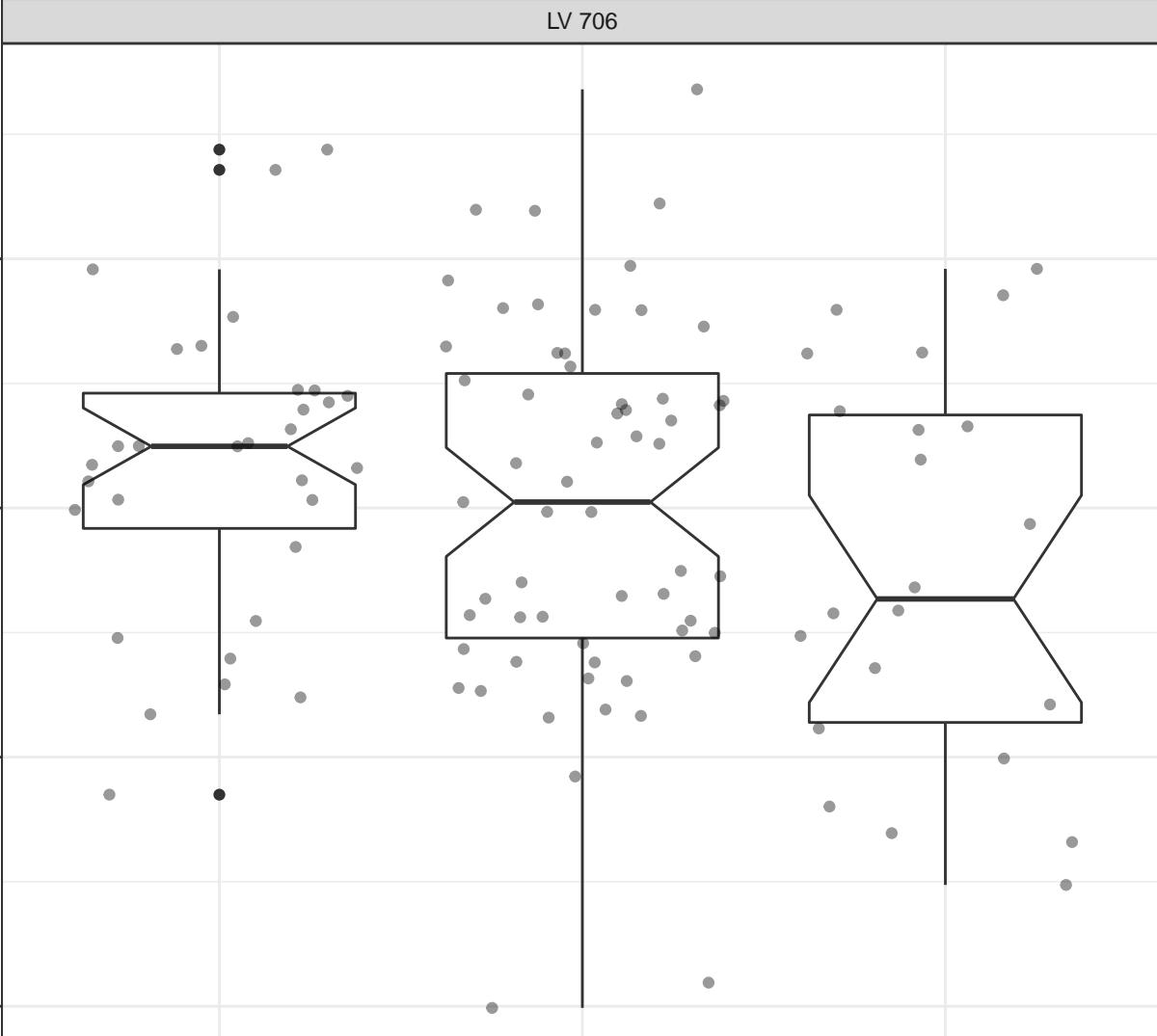
-0.08

Living donor control

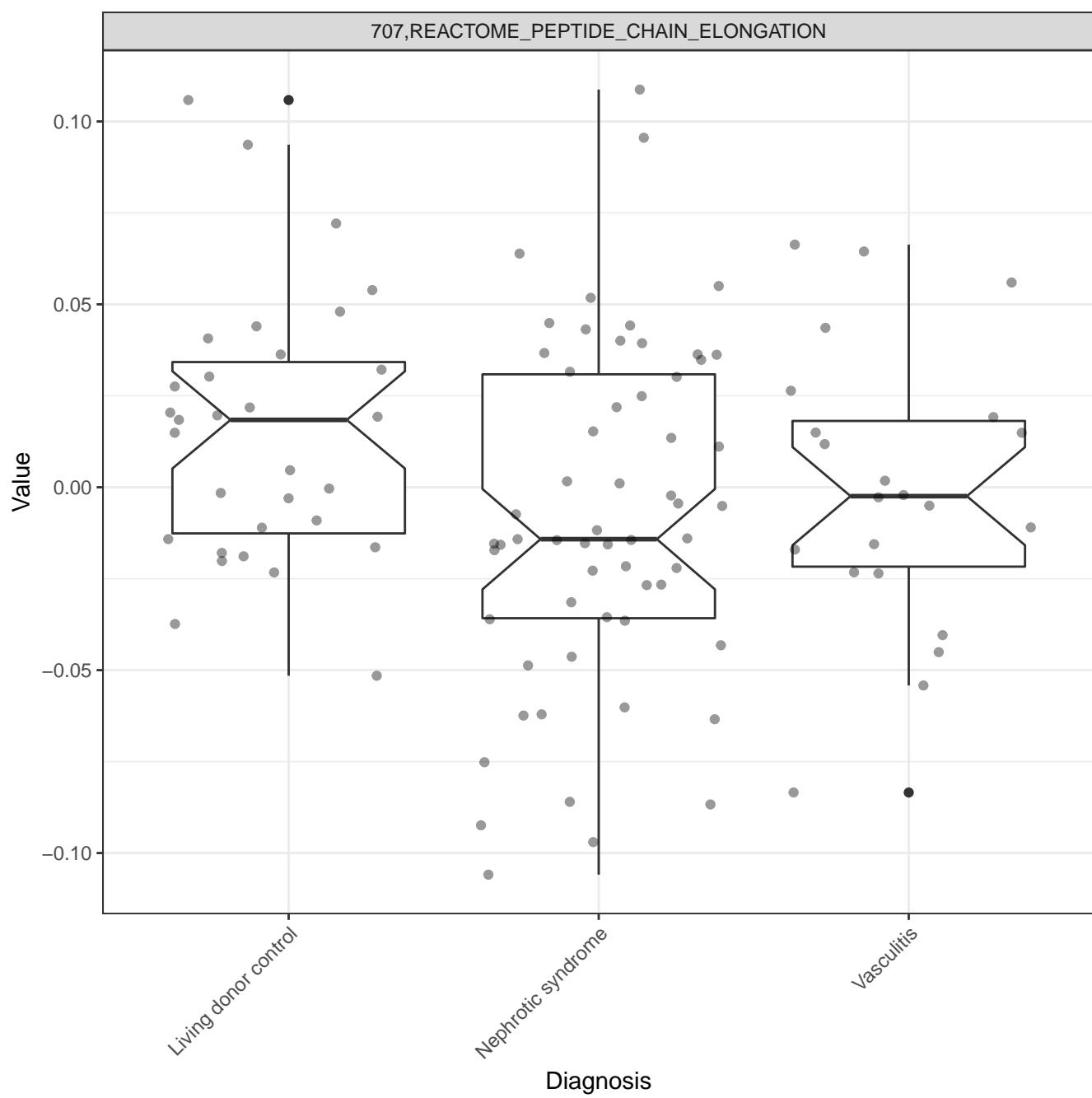
Nephrotic syndrome

Vasculitis

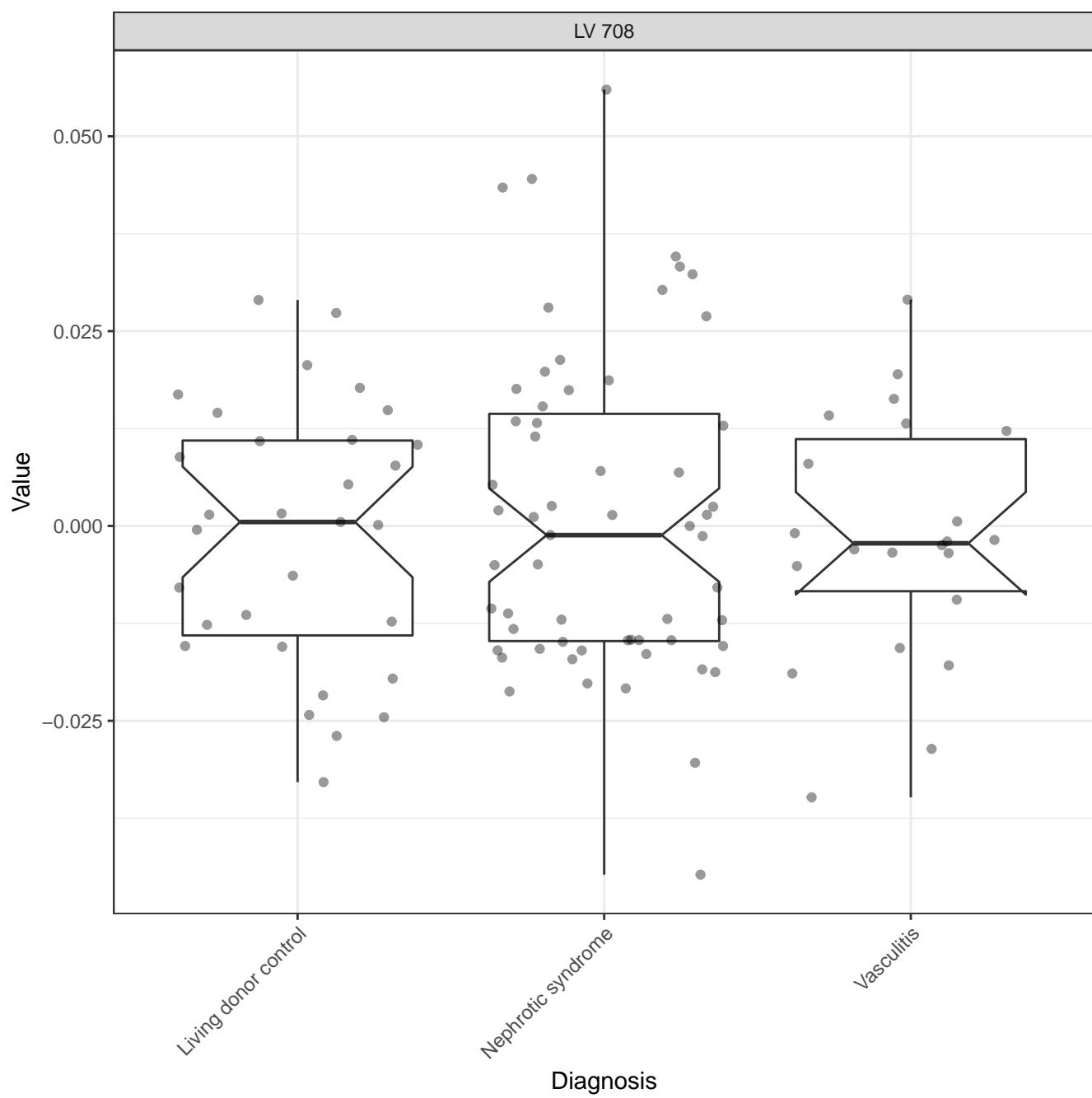
Diagnosis



## 707,REACTOME\_PEPTIDE\_CHAIN\_ELONGATION



LV 708



Value

0.03

0.01

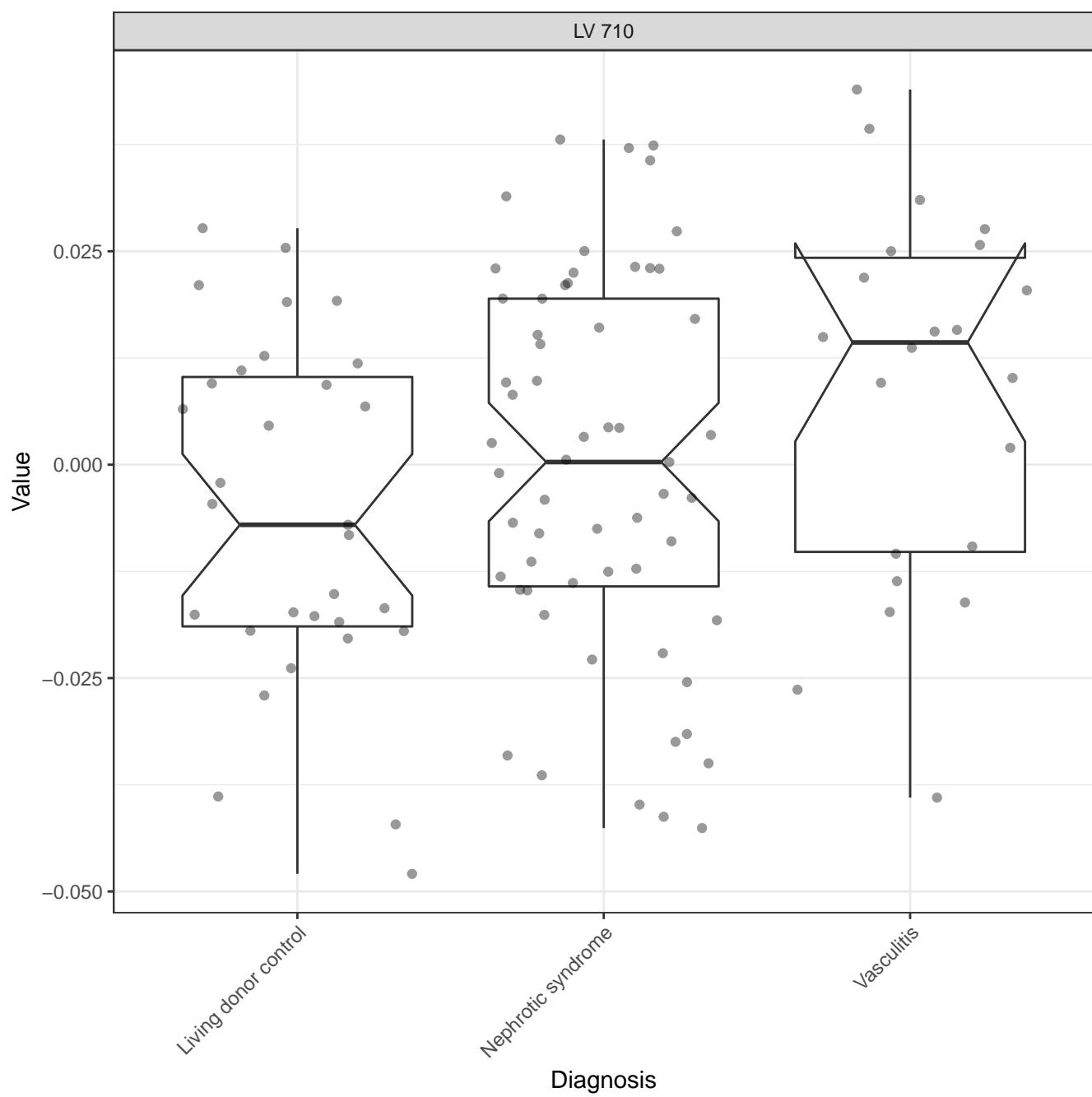
-0.03

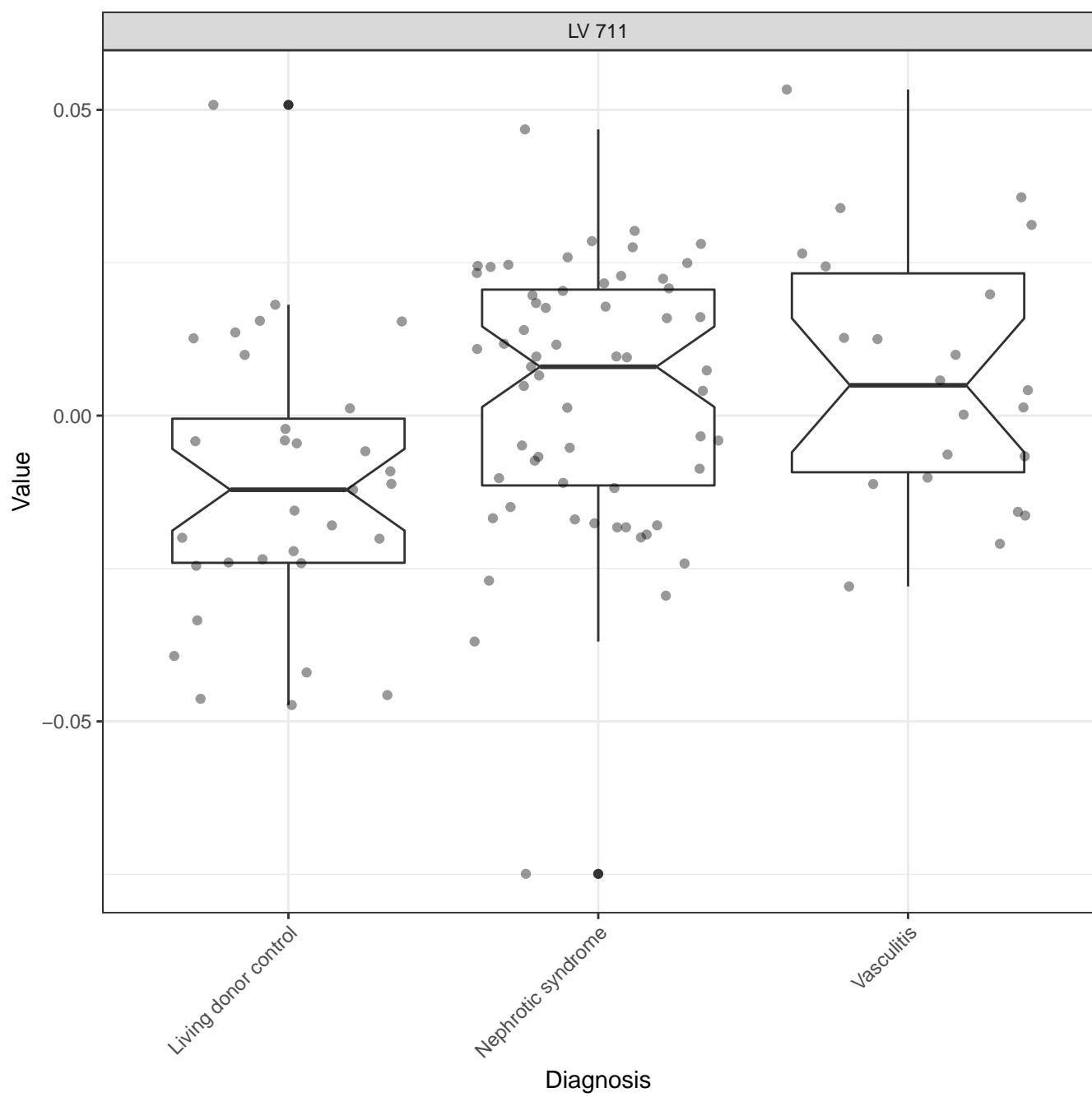
Living donor control

Nephrotic syndrome

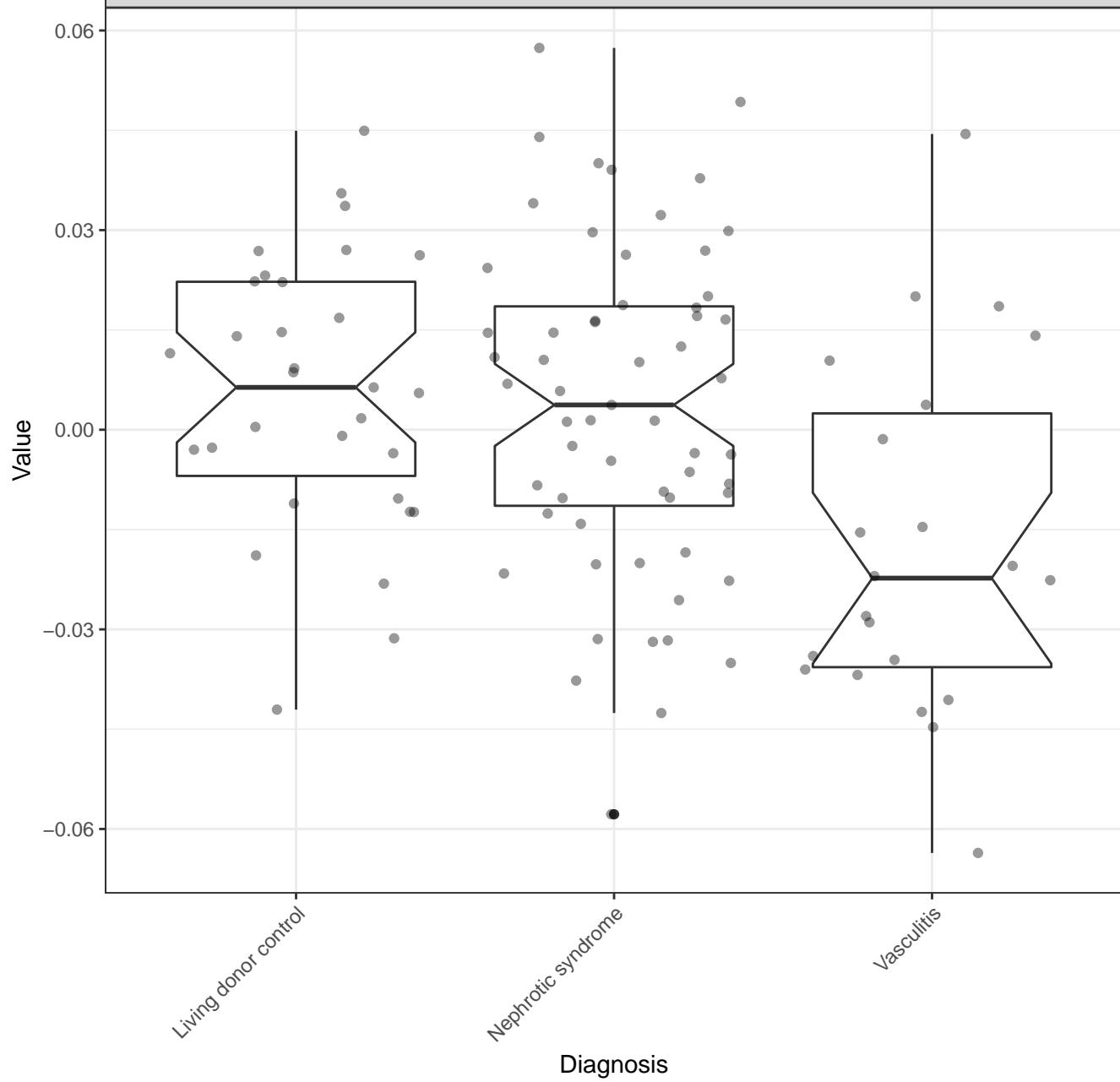
Vasculitis

Diagnosis

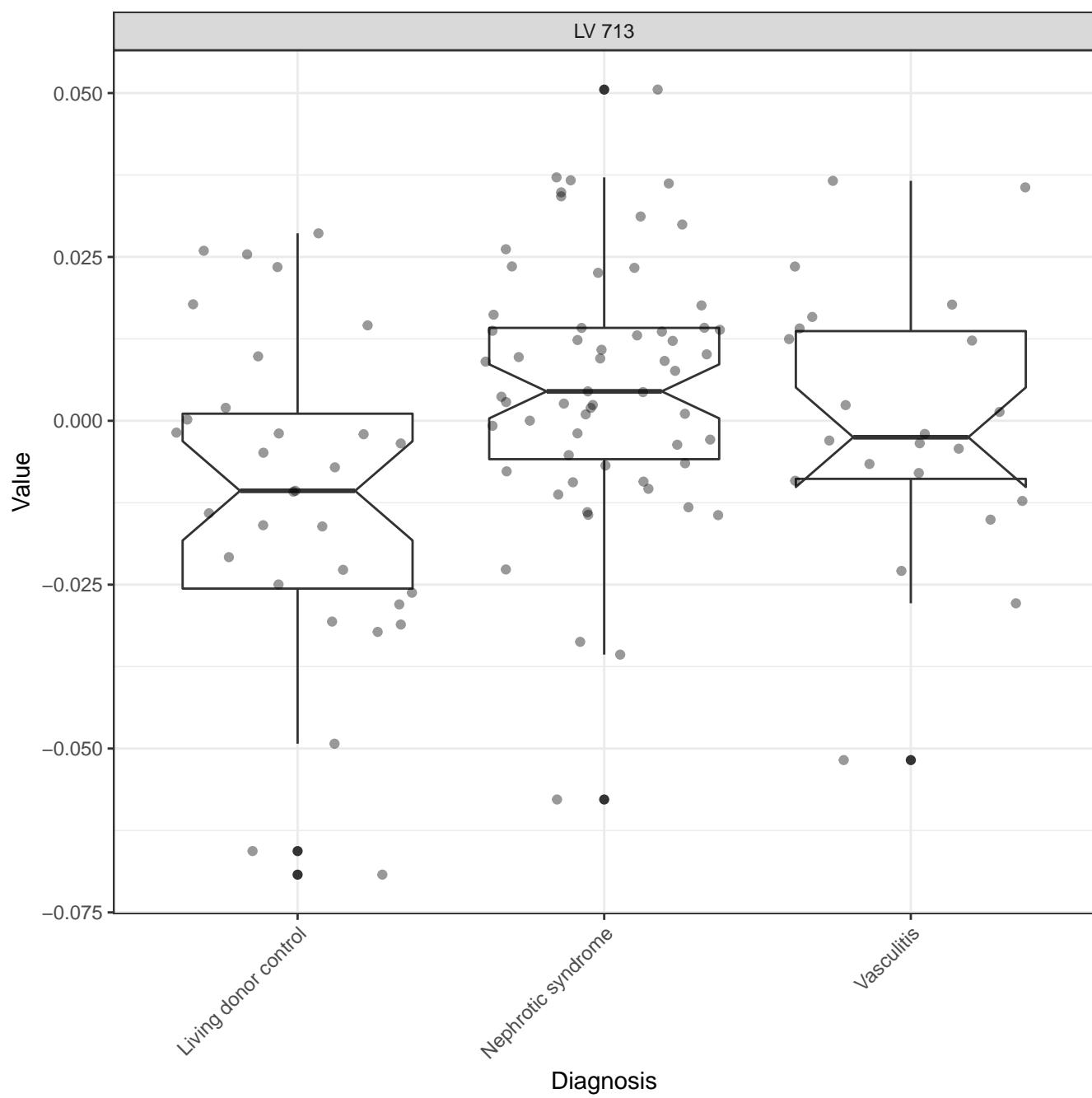




LV 712



LV 713



Value

0.03

0.01

-0.01

-0.03

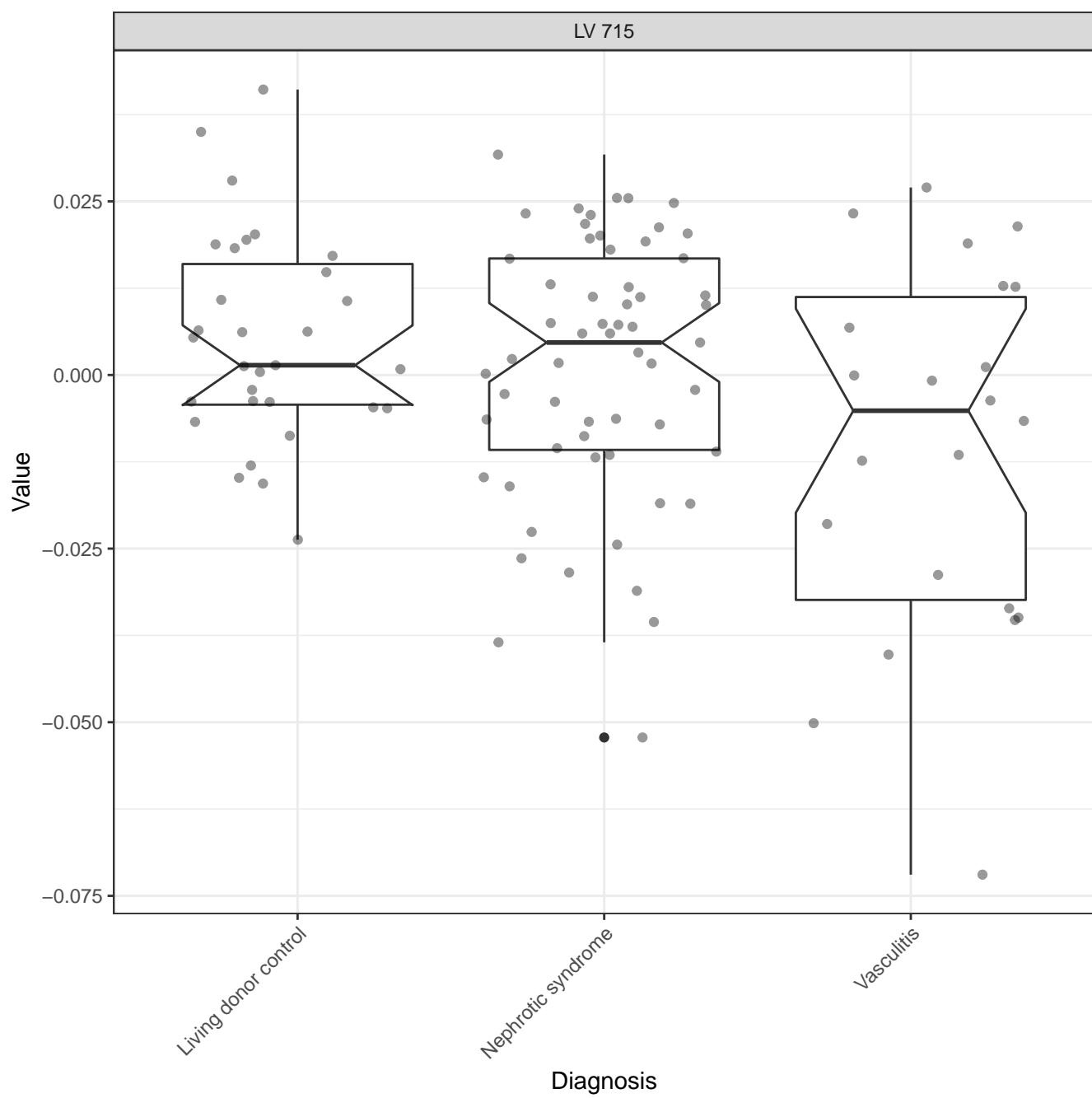
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.01

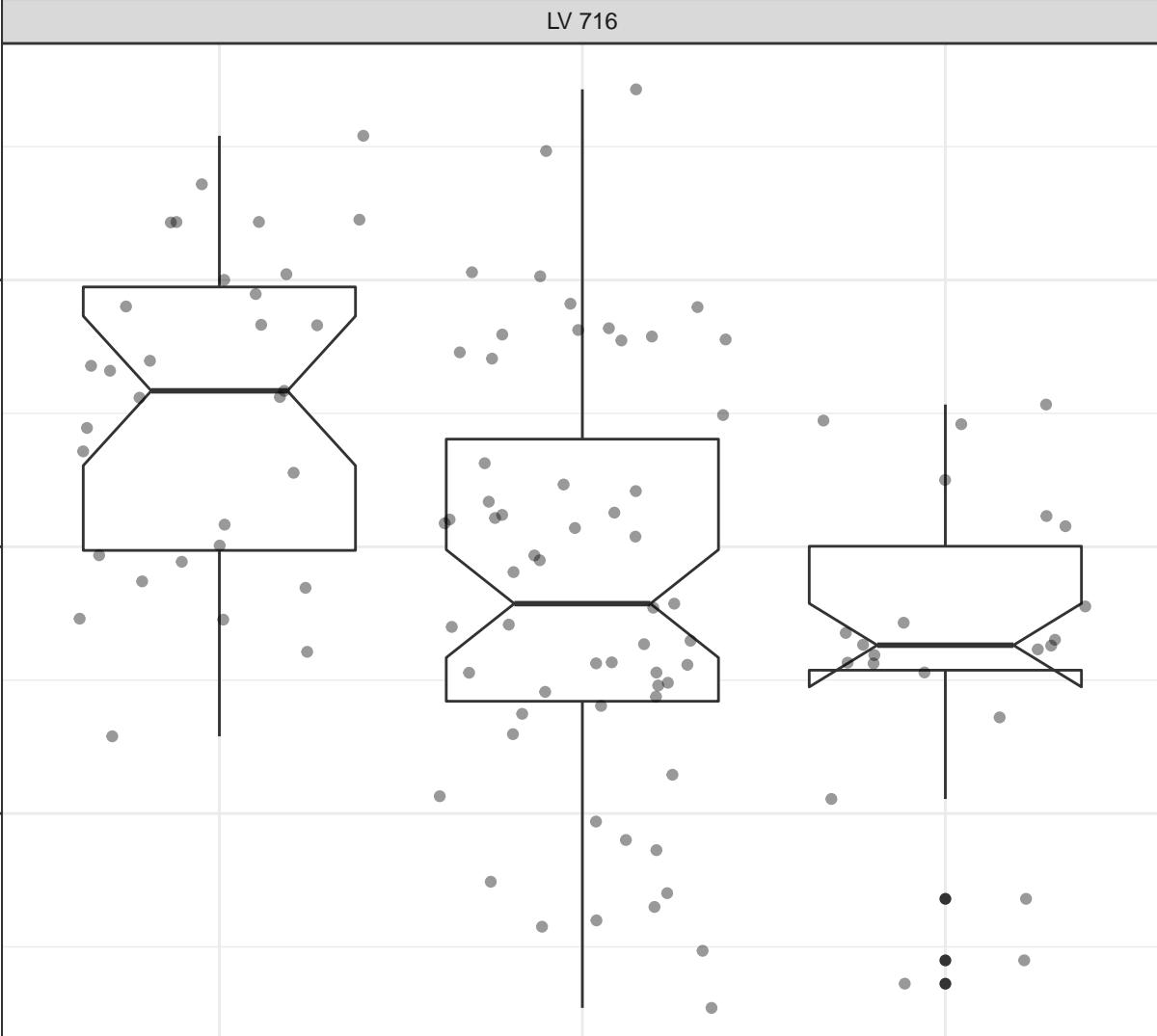
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.02

0.00

-0.02

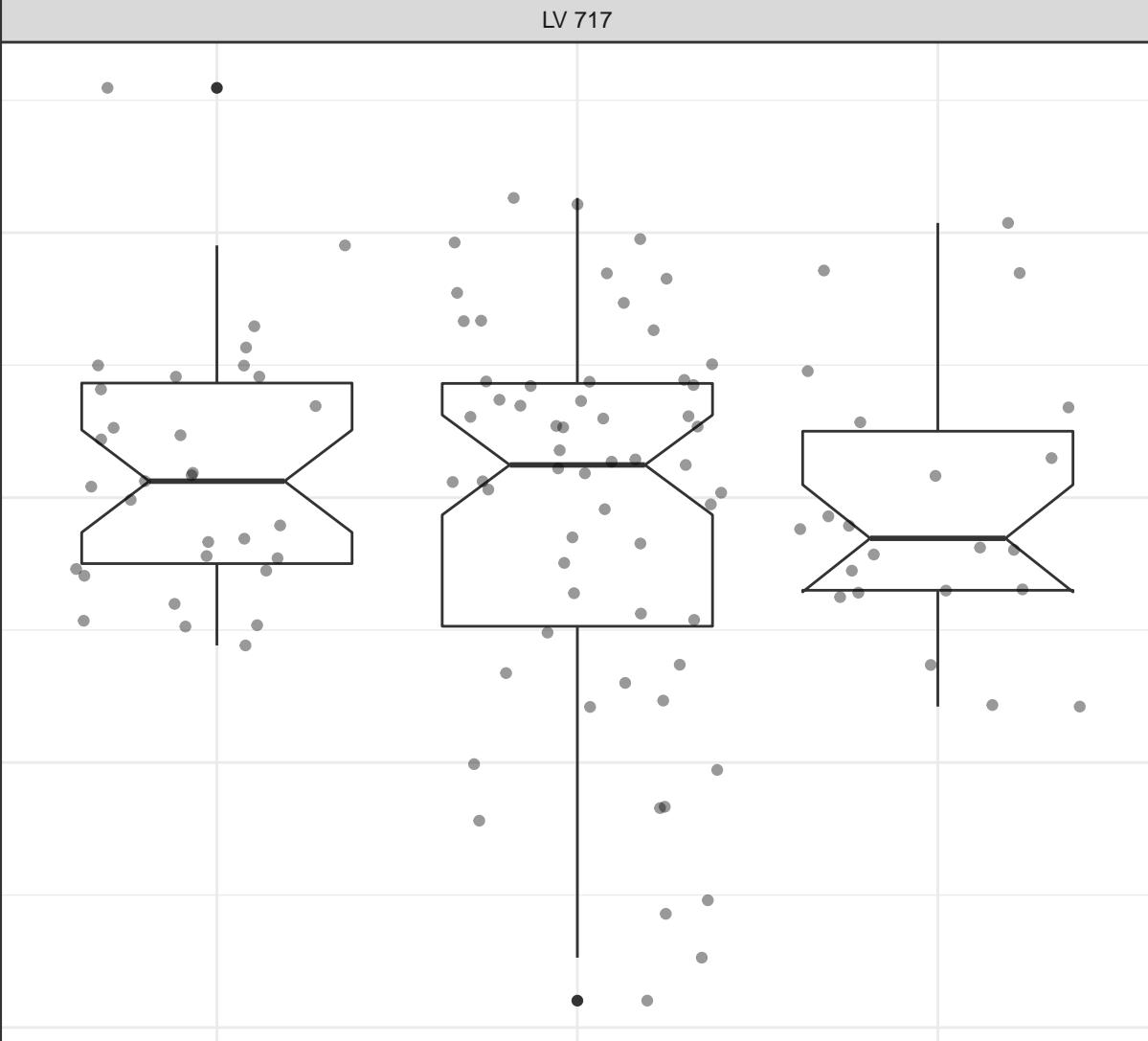
-0.04

Living donor control

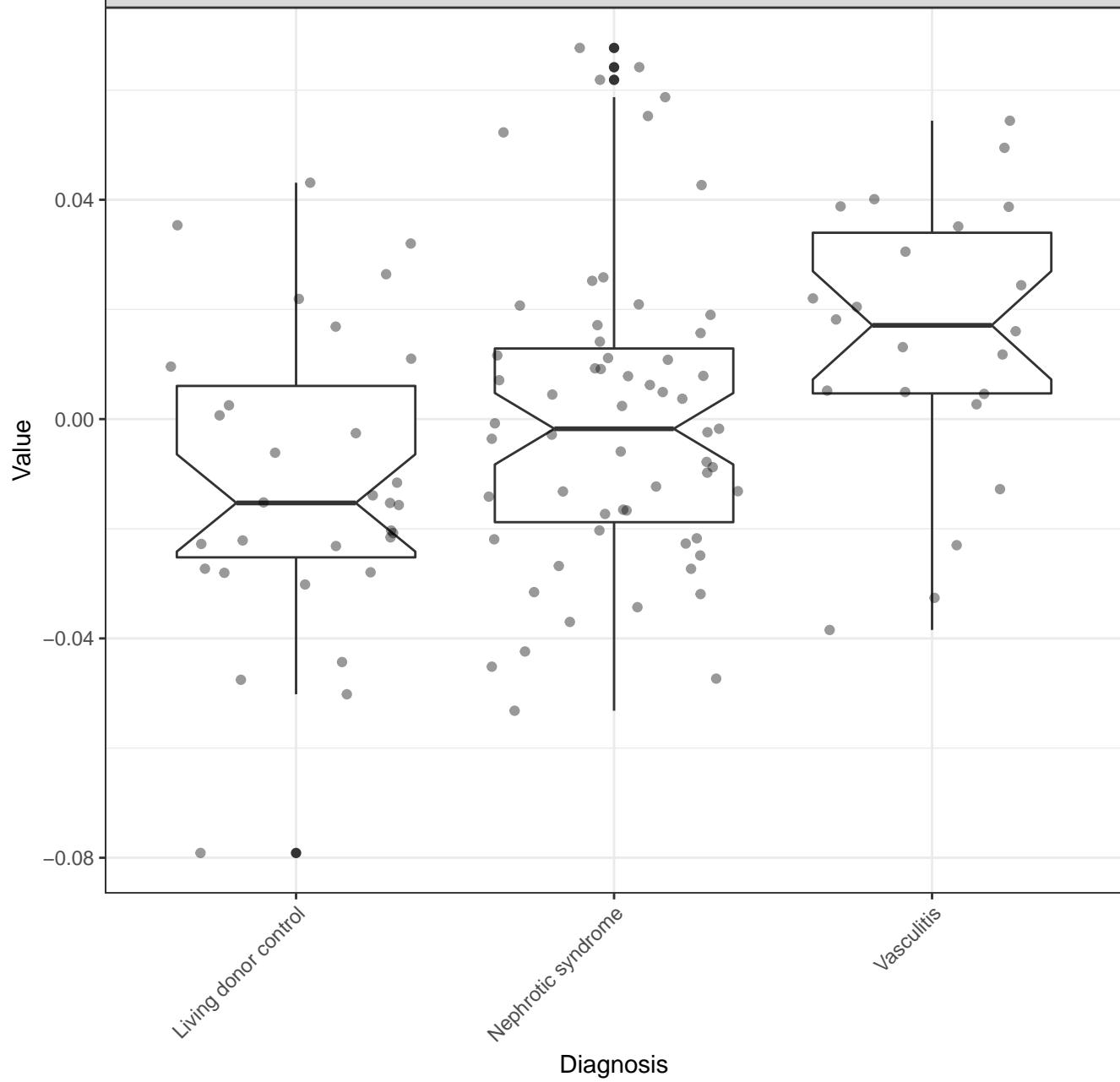
Nephrotic syndrome

Vasculitis

Diagnosis



LV 718



## 719,DMAP\_CMP

Value

0.10

0.05

0.00

-0.05

-0.10

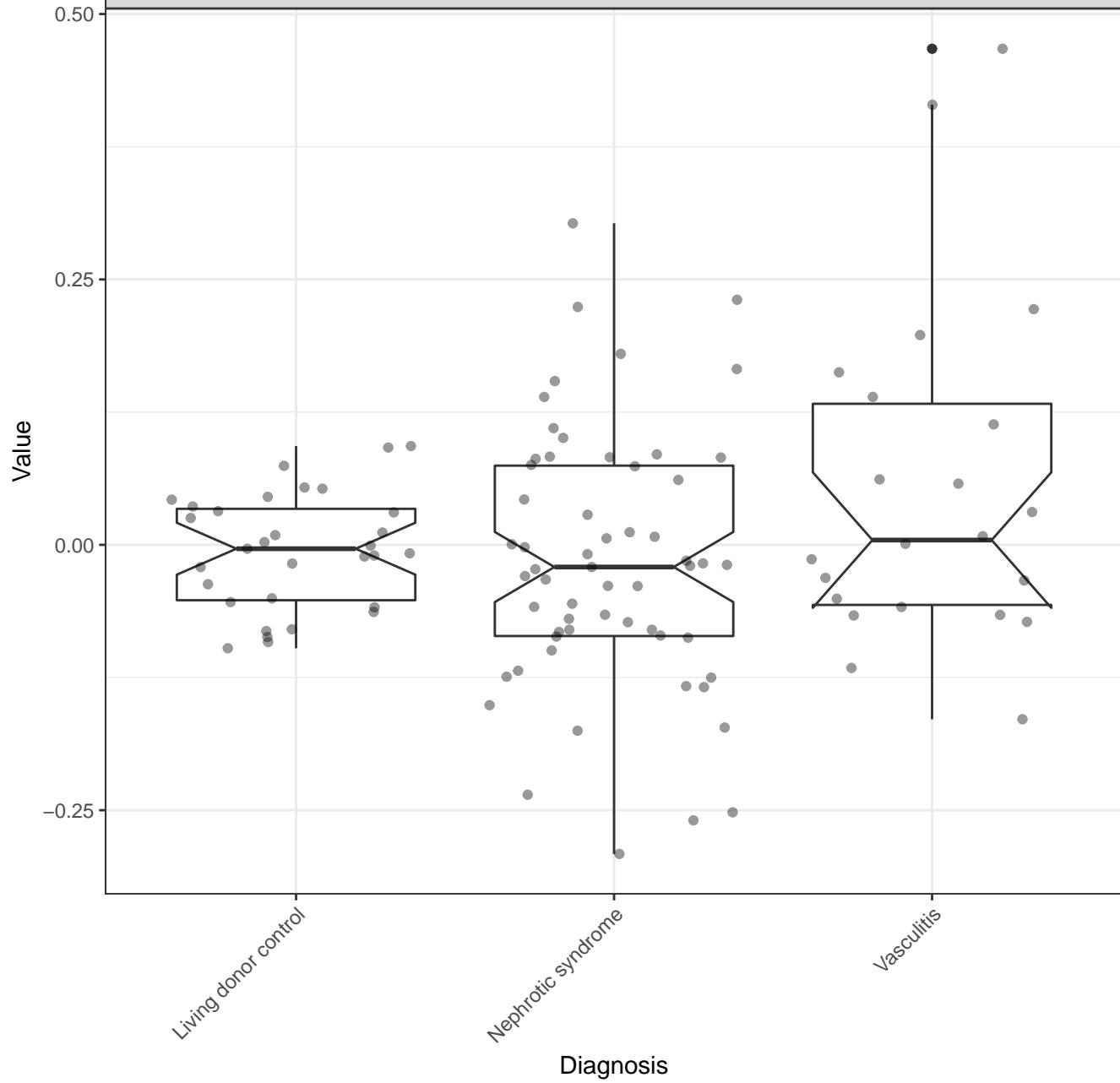
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

## 720,PID\_FANCONI\_PATHWAY



Value

0.10

0.05

0.00

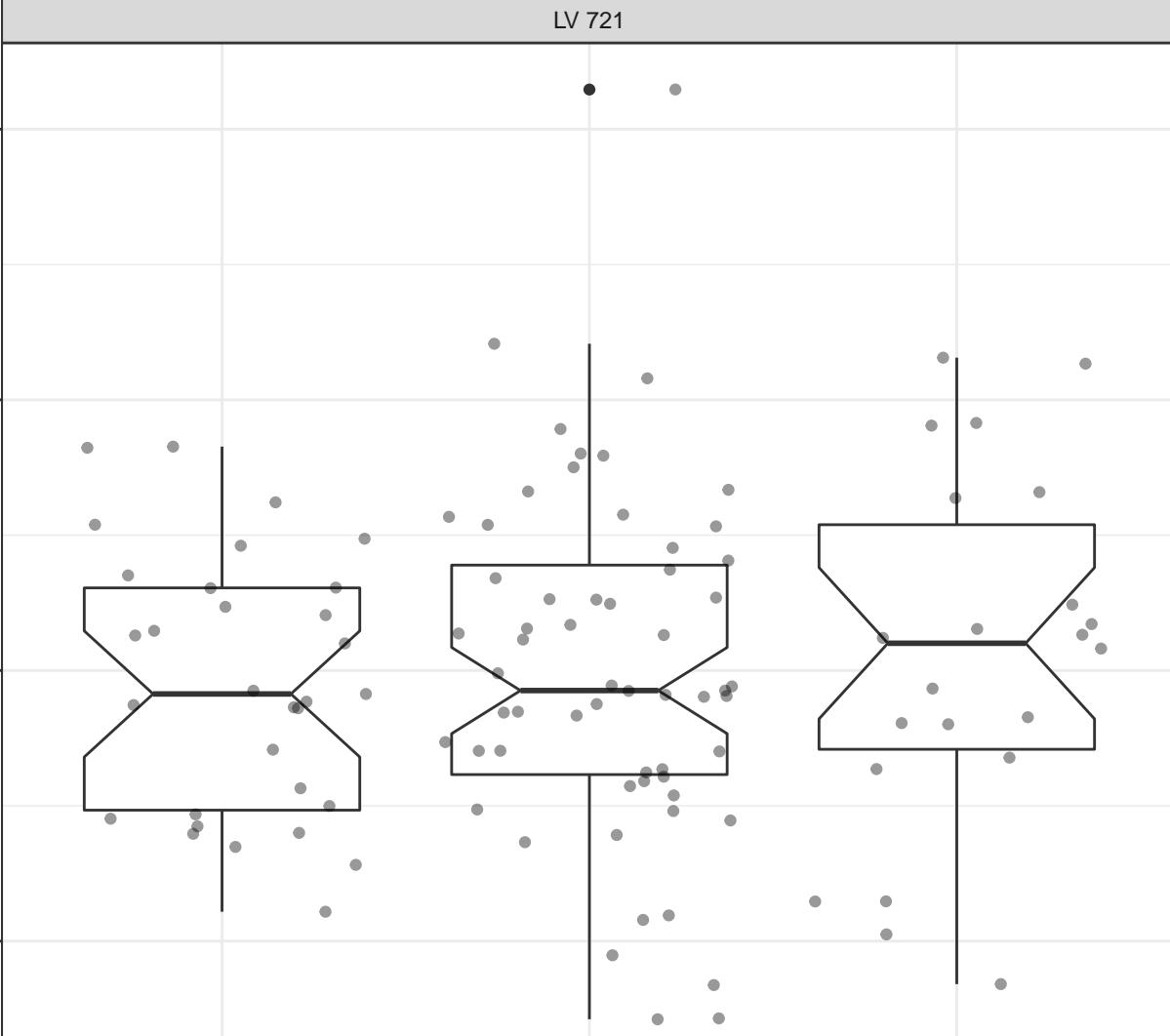
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

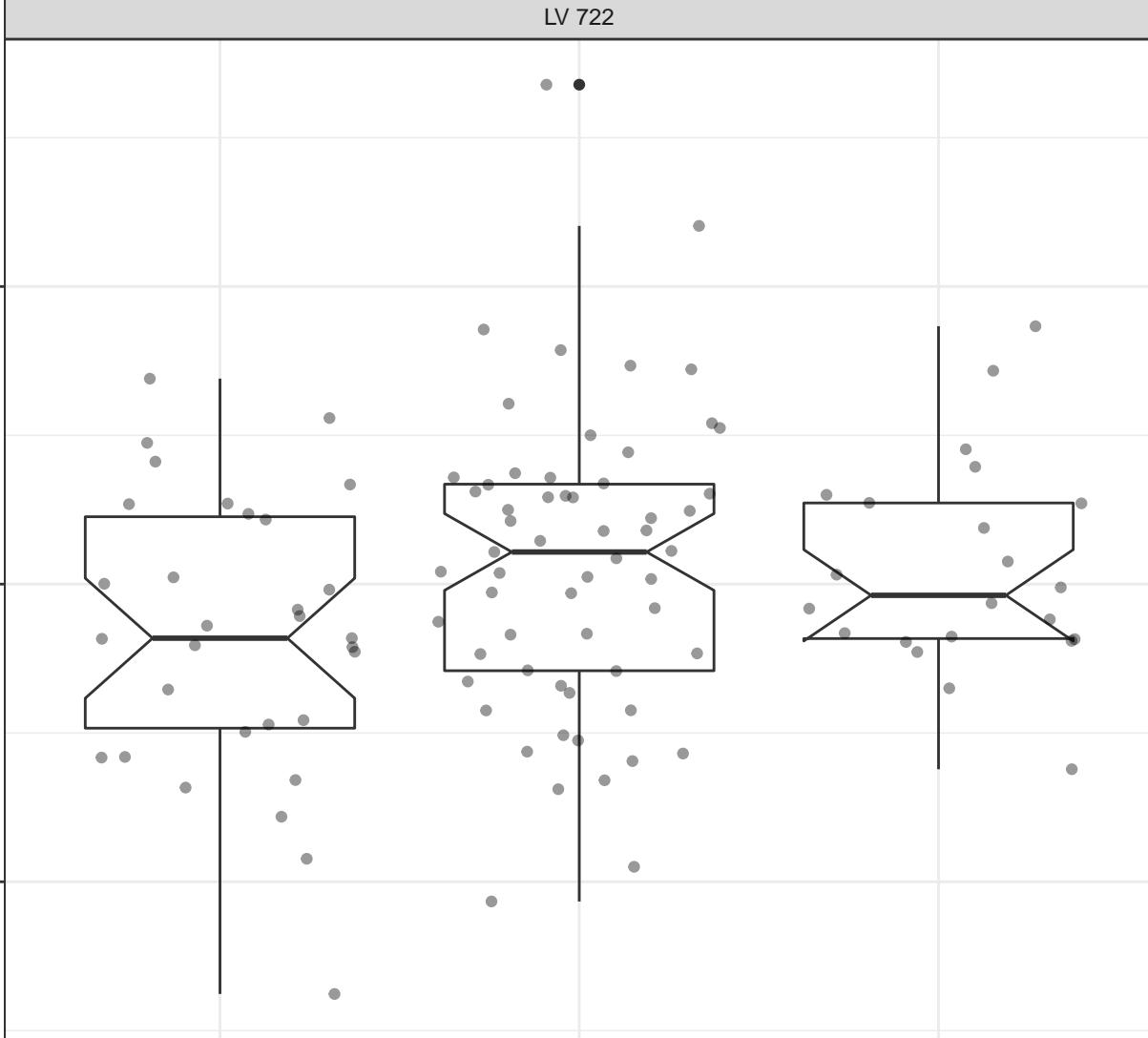
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

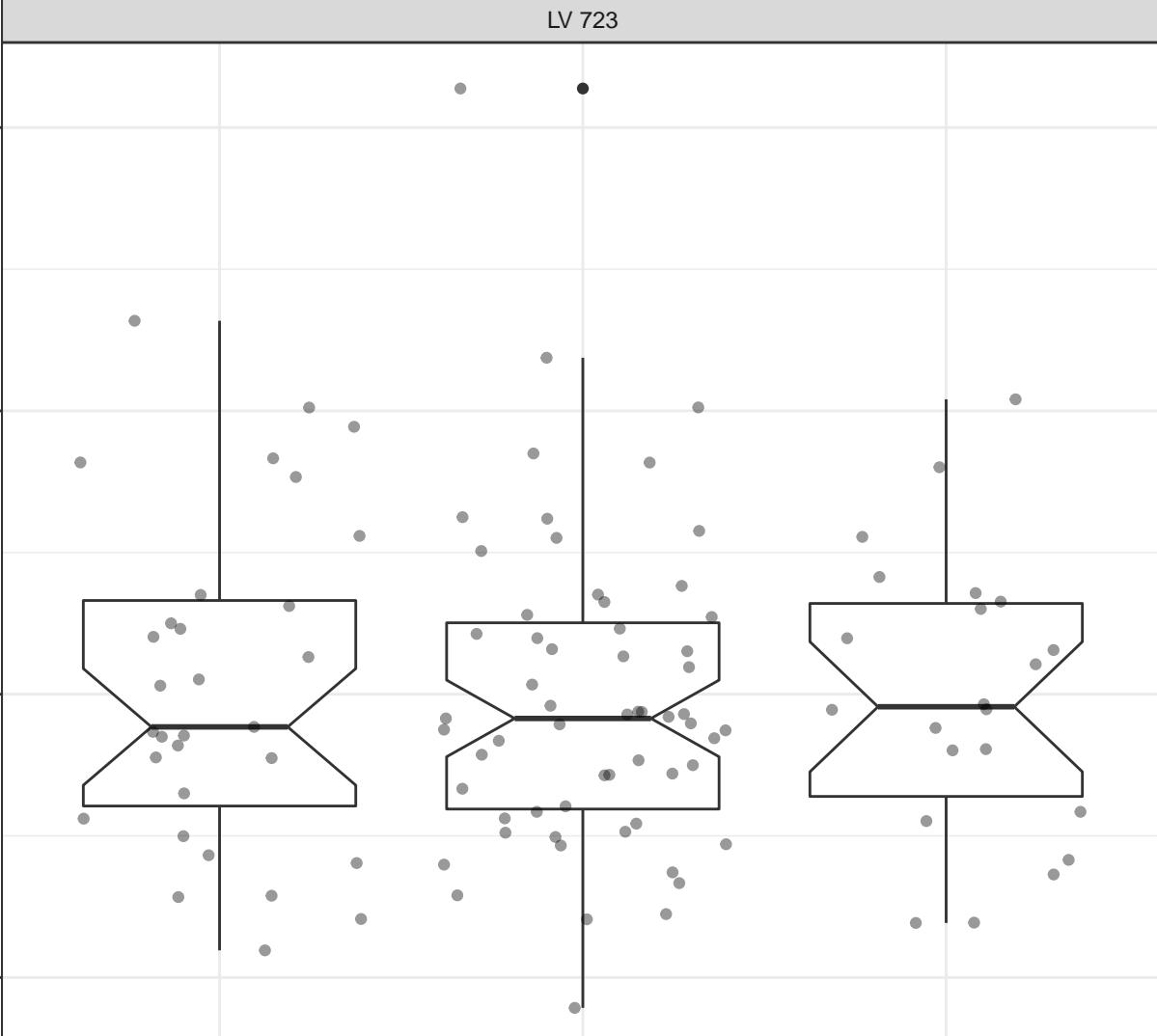
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

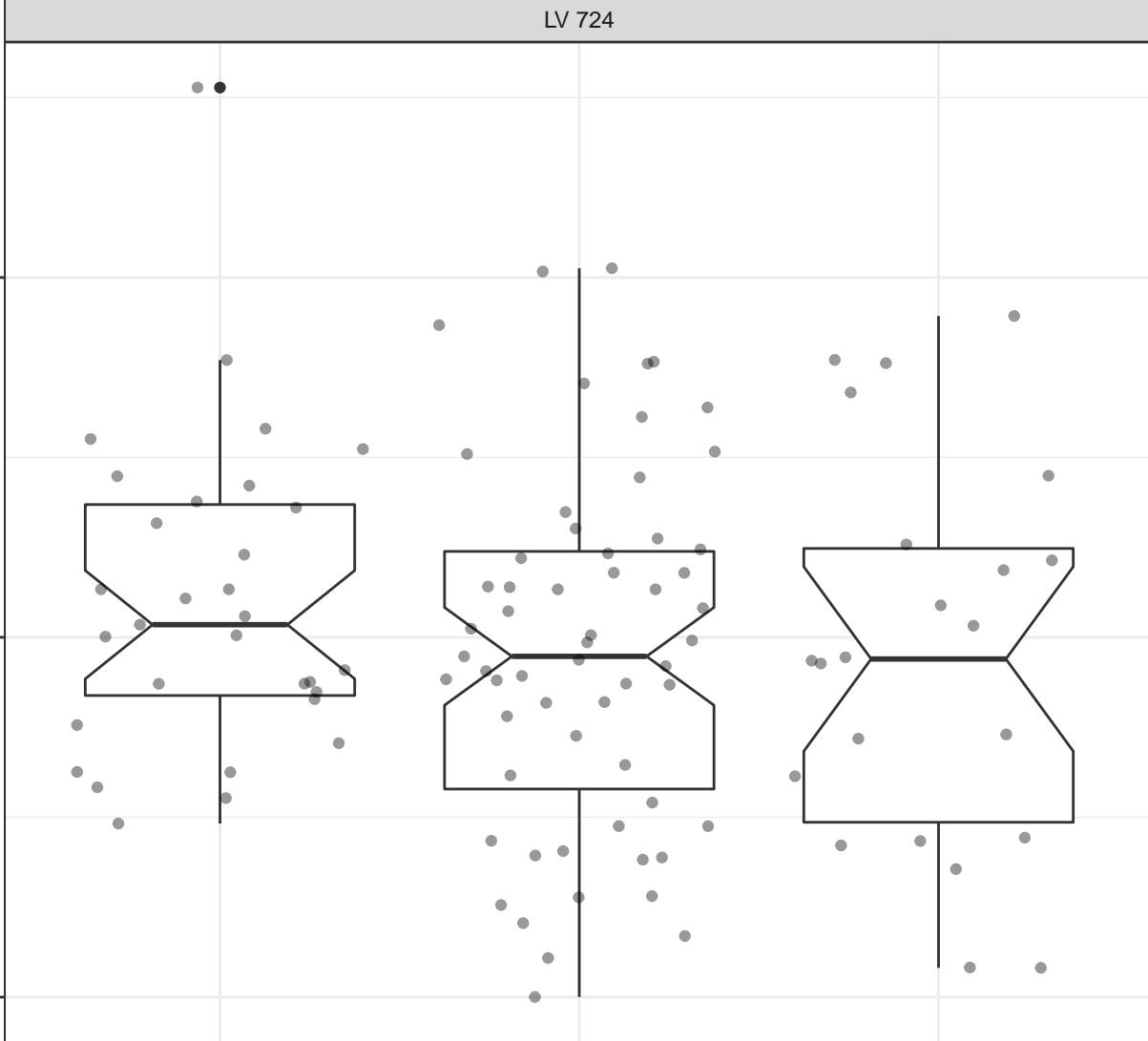
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 725

Value

0.10

0.05

0.00

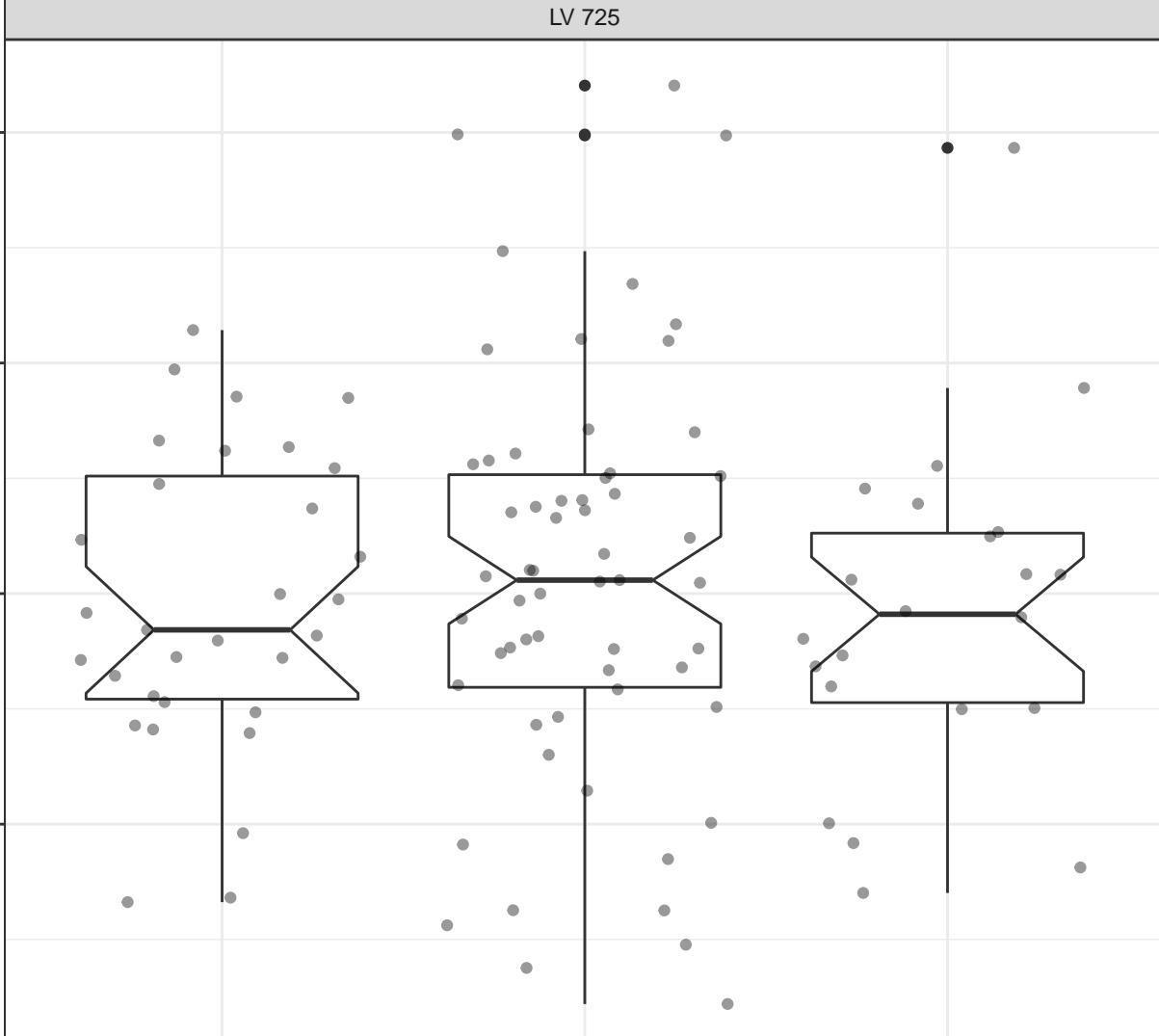
-0.05

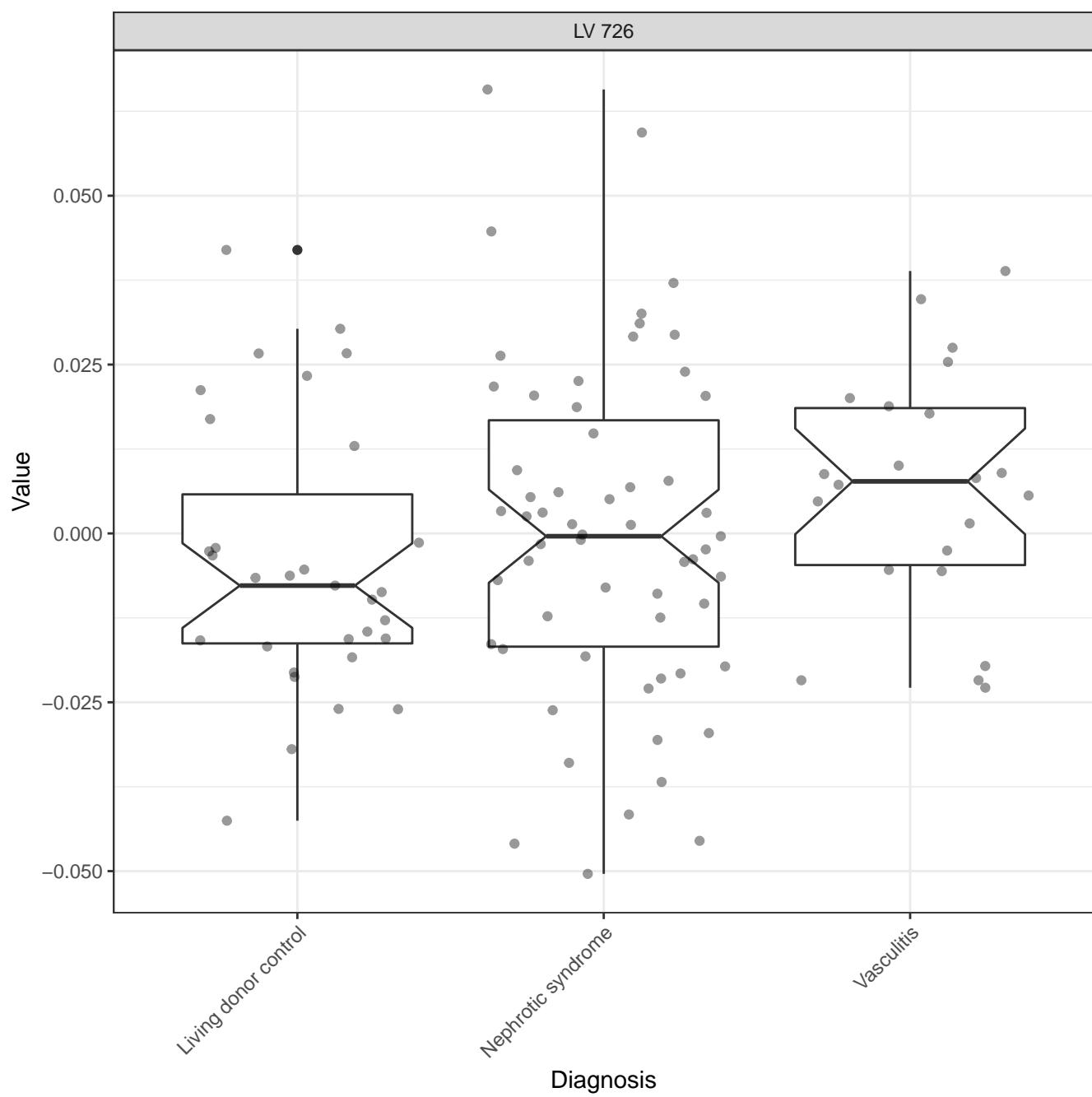
Living donor control

Nephrotic syndrome

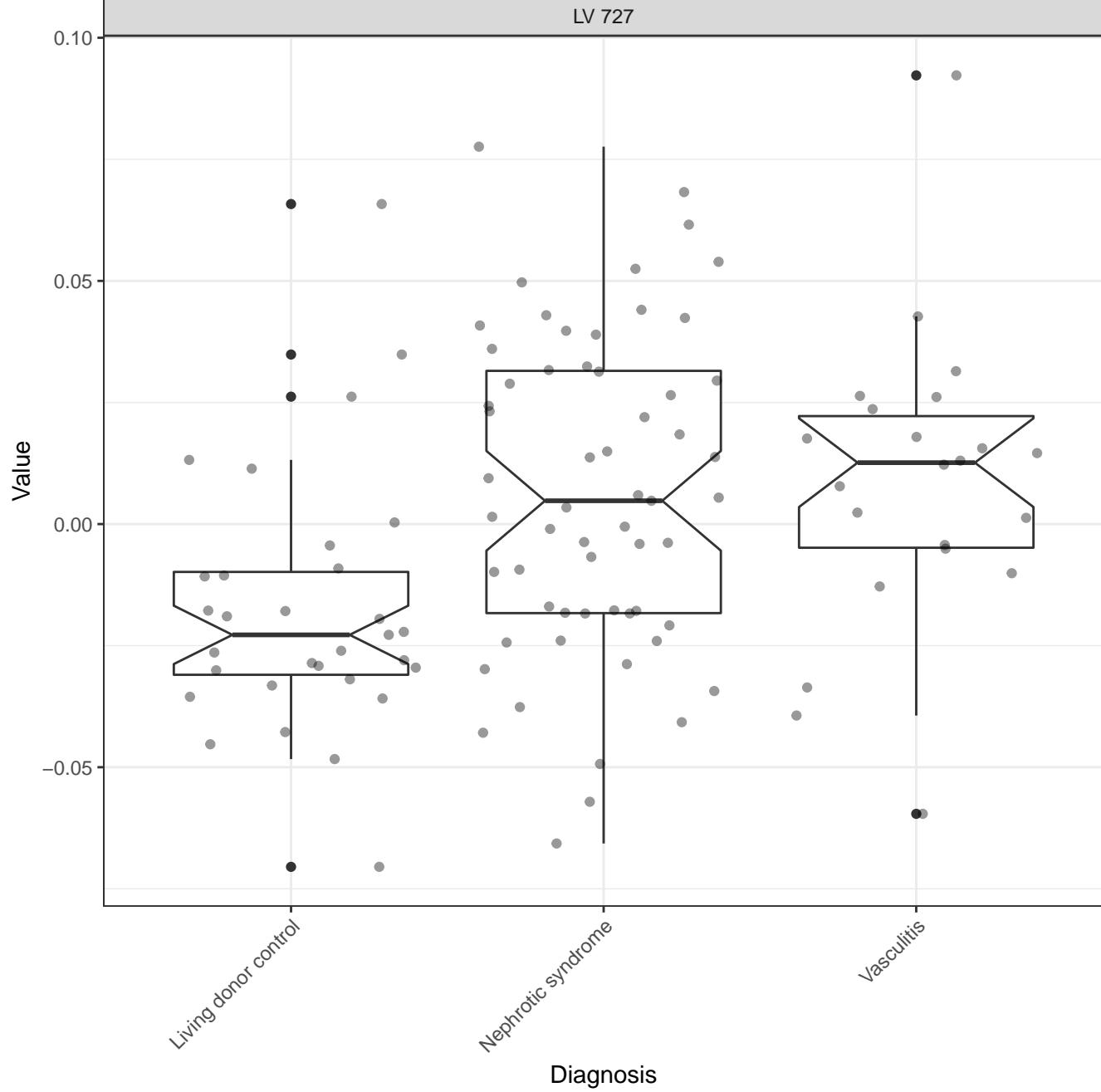
Vasculitis

Diagnosis

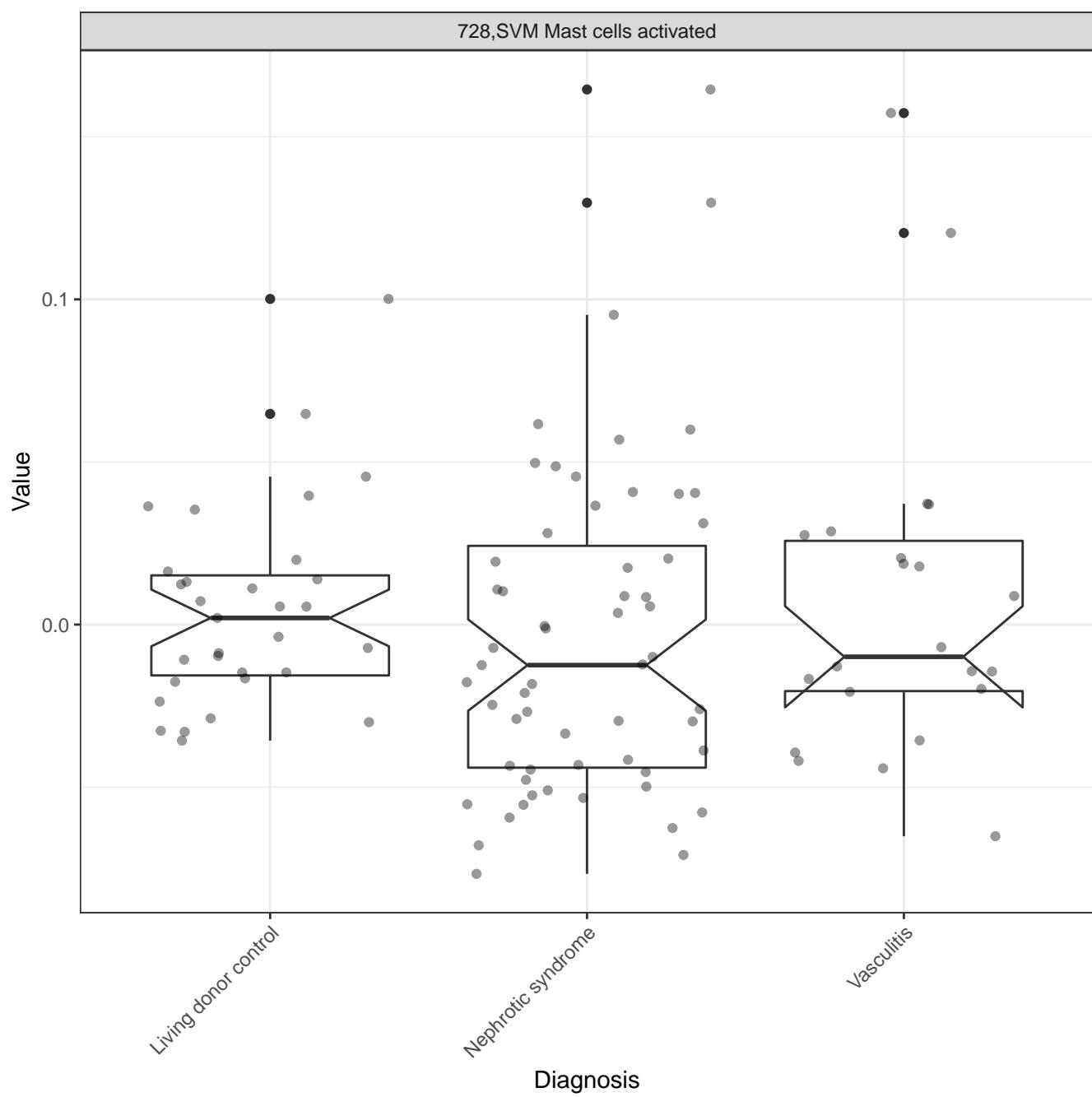




LV 727



# 728,SVM Mast cells activated

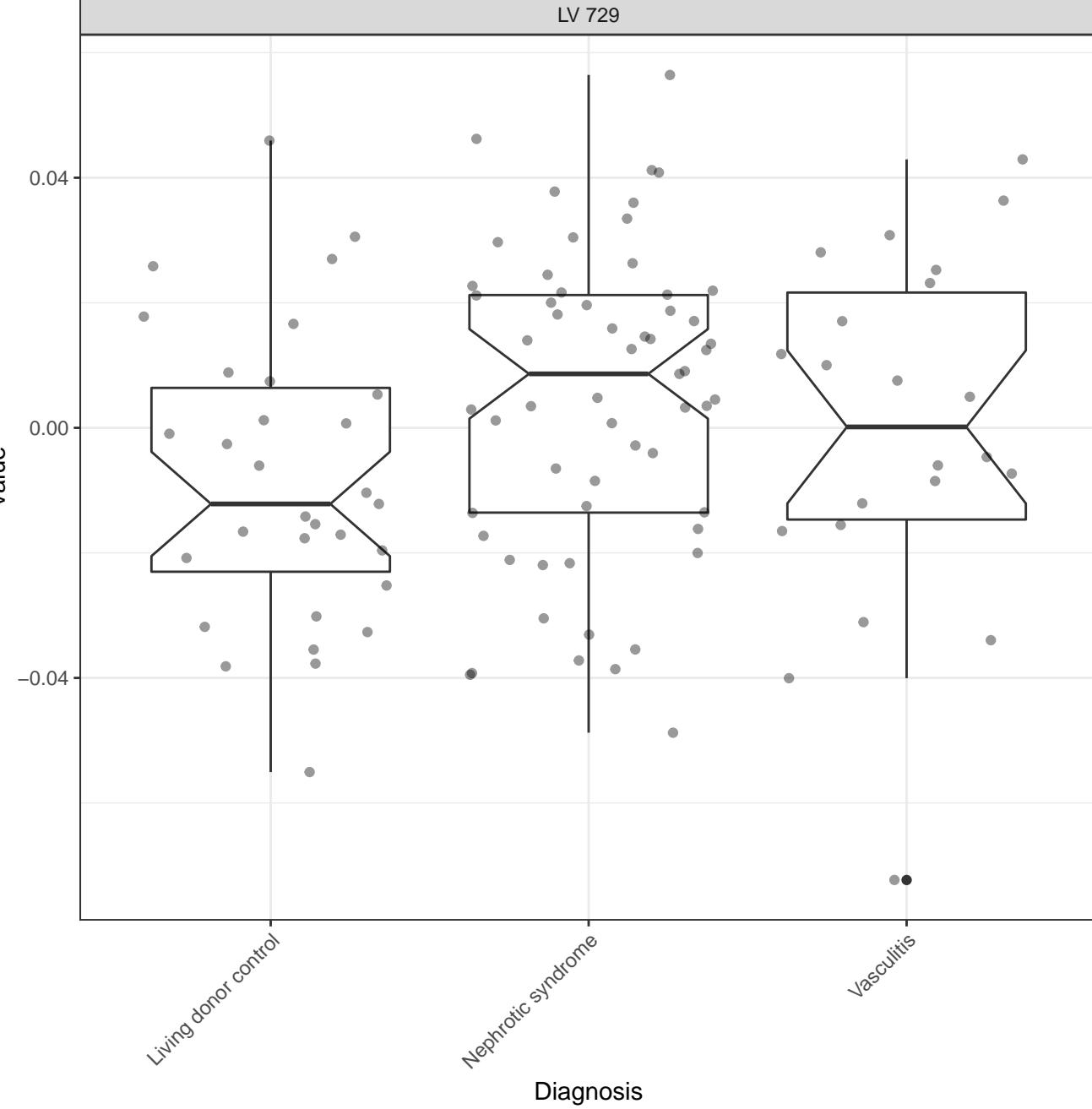


Value

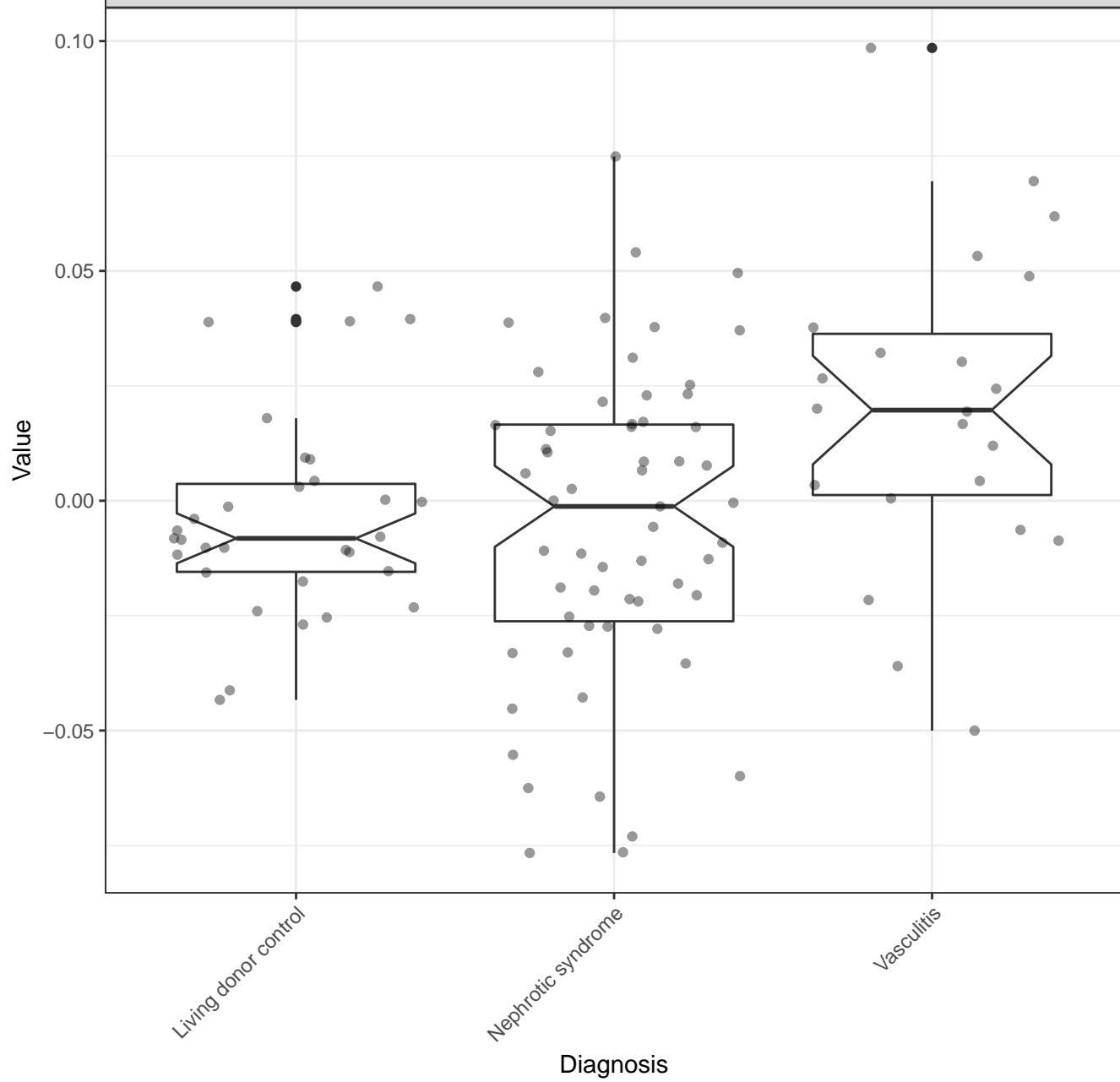
0.04

0.00

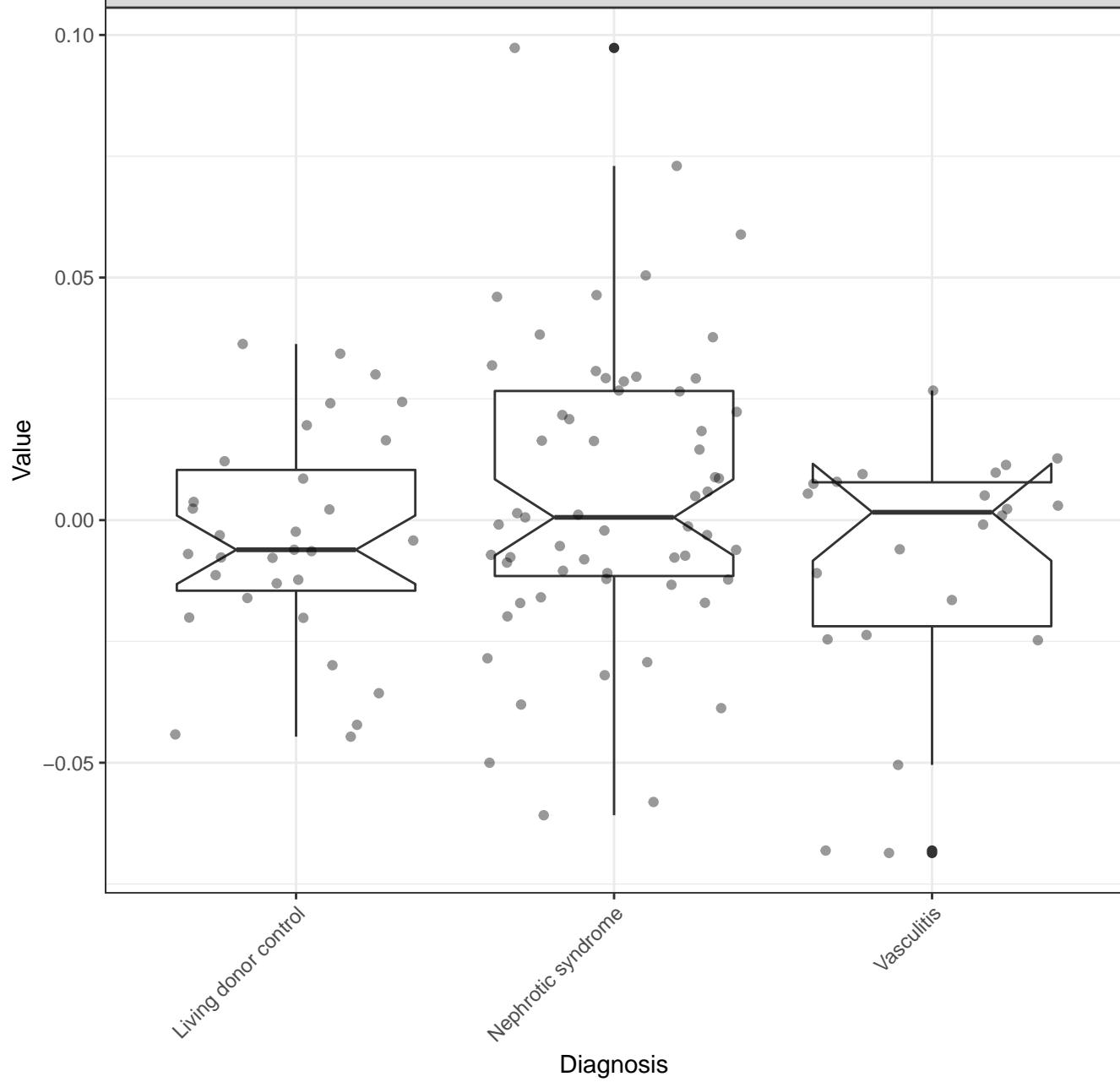
-0.04



## 730,DMAP\_MEGA2



LV 731



LV 732

Value

0.04

0.02

0.00

-0.02

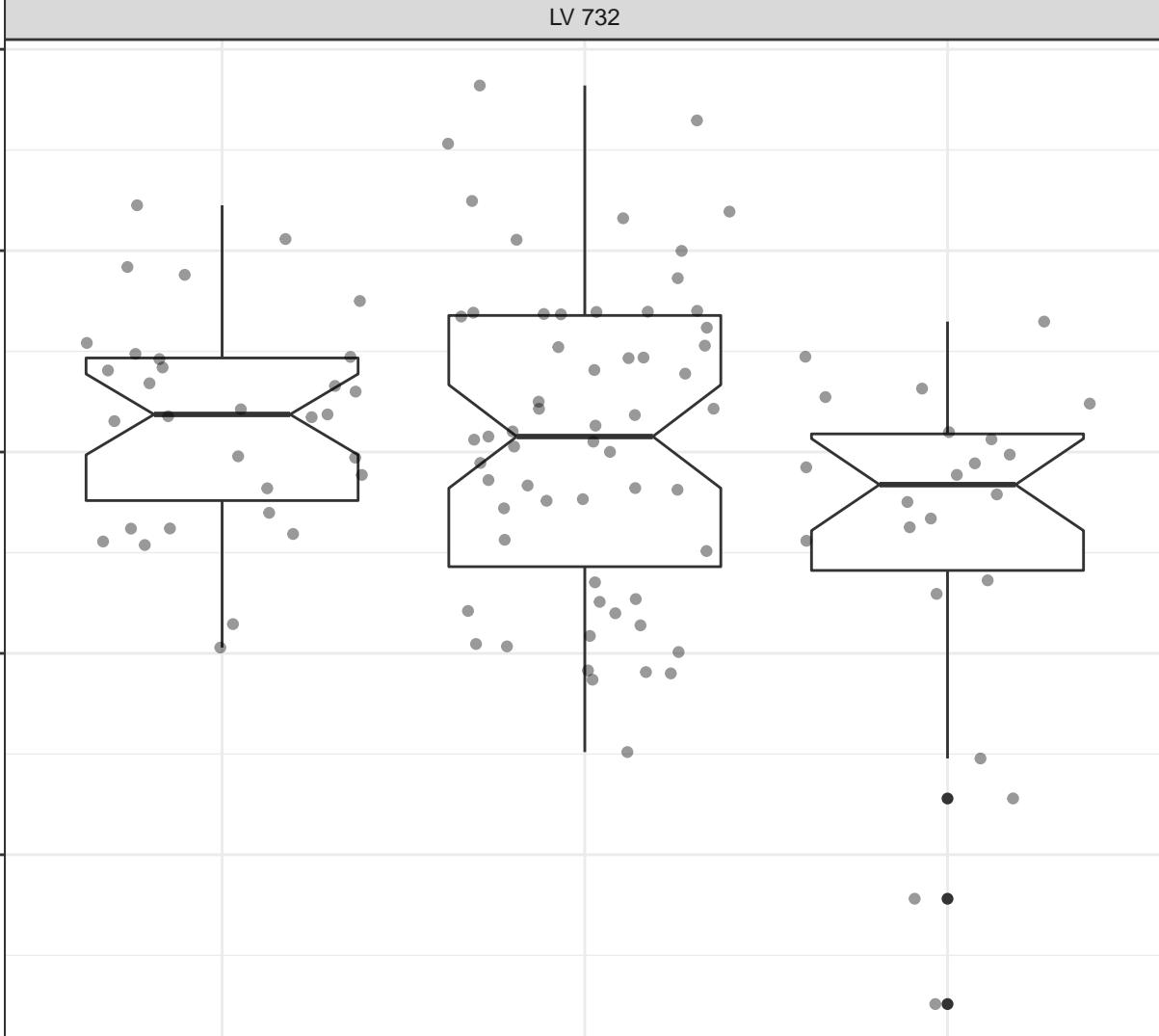
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

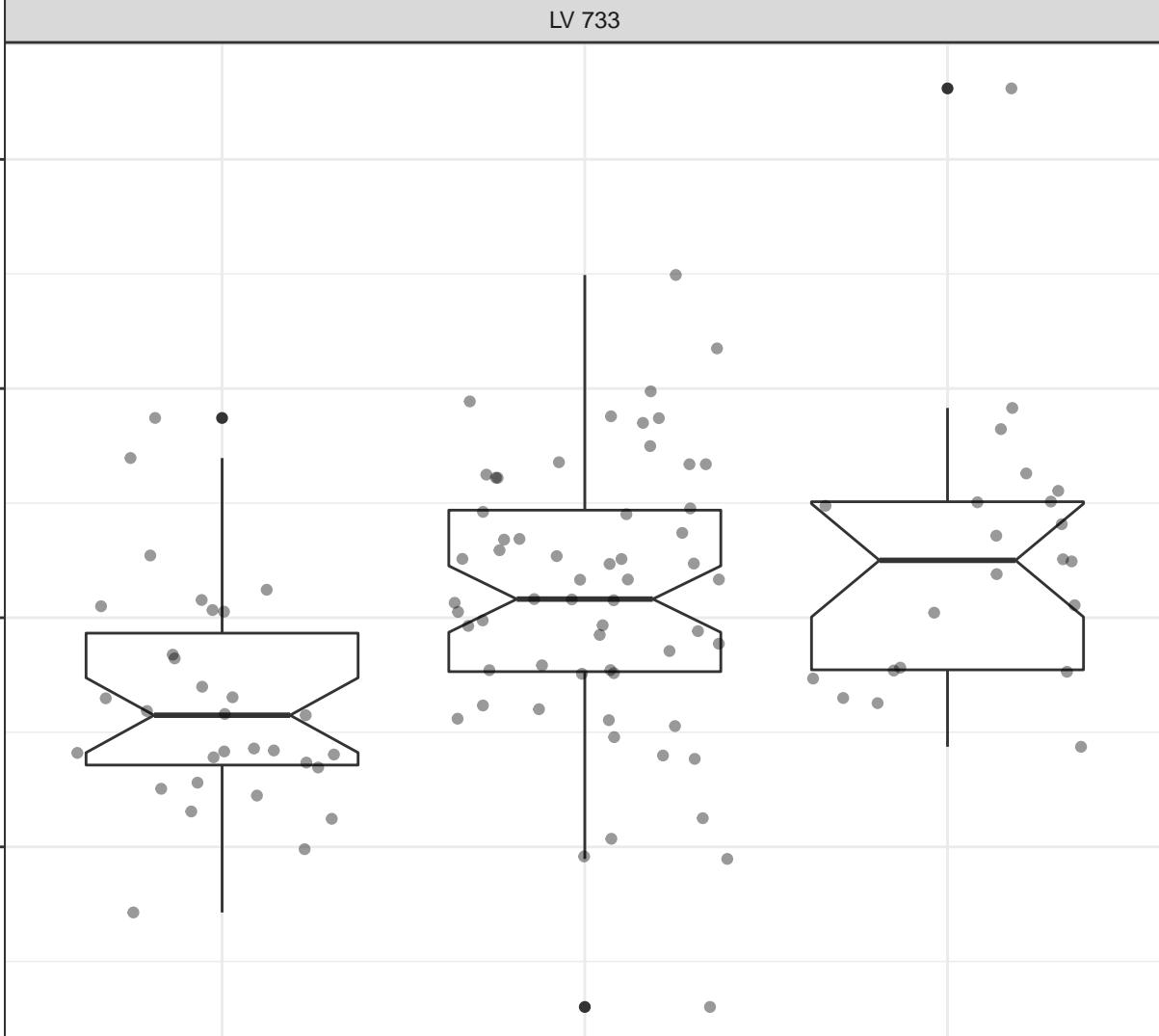
-0.05

Living donor control

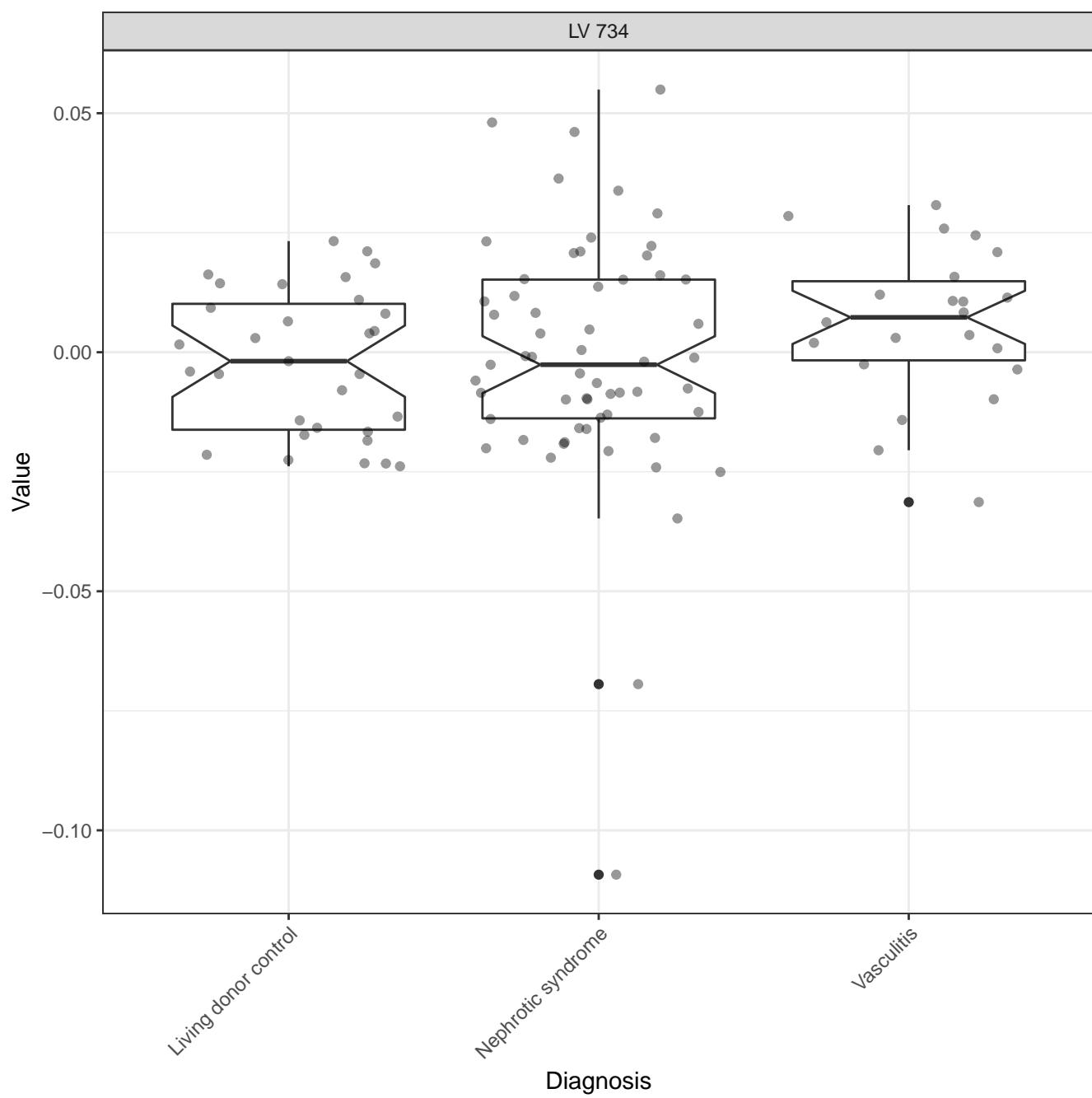
Nephrotic syndrome

Vasculitis

Diagnosis



LV 734



## 735,REACTOME\_GENERIC\_TRANSSCRIPTION\_PATHWAY

Value

0.05

0.00

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 736

Value

0.05

0.00

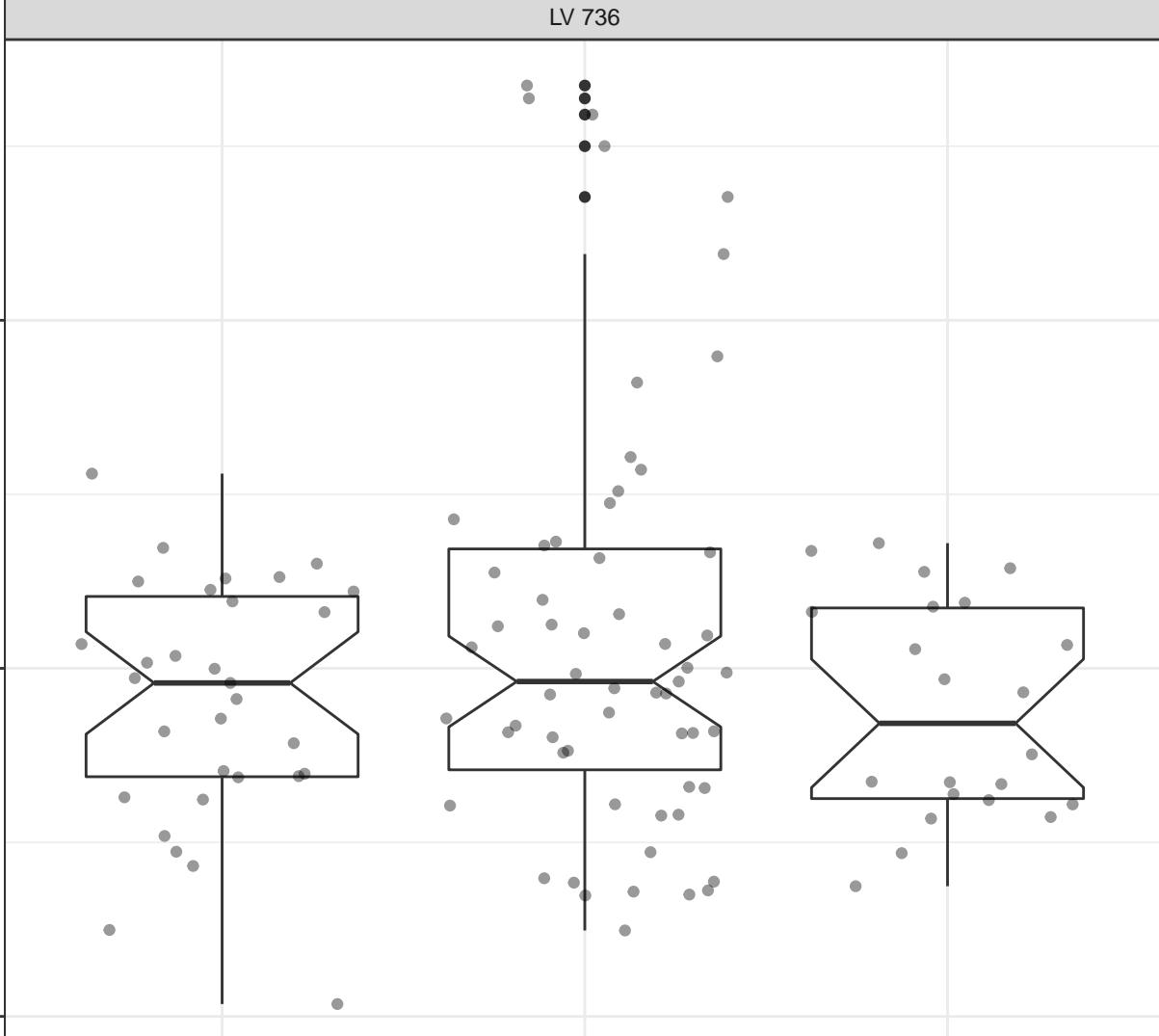
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

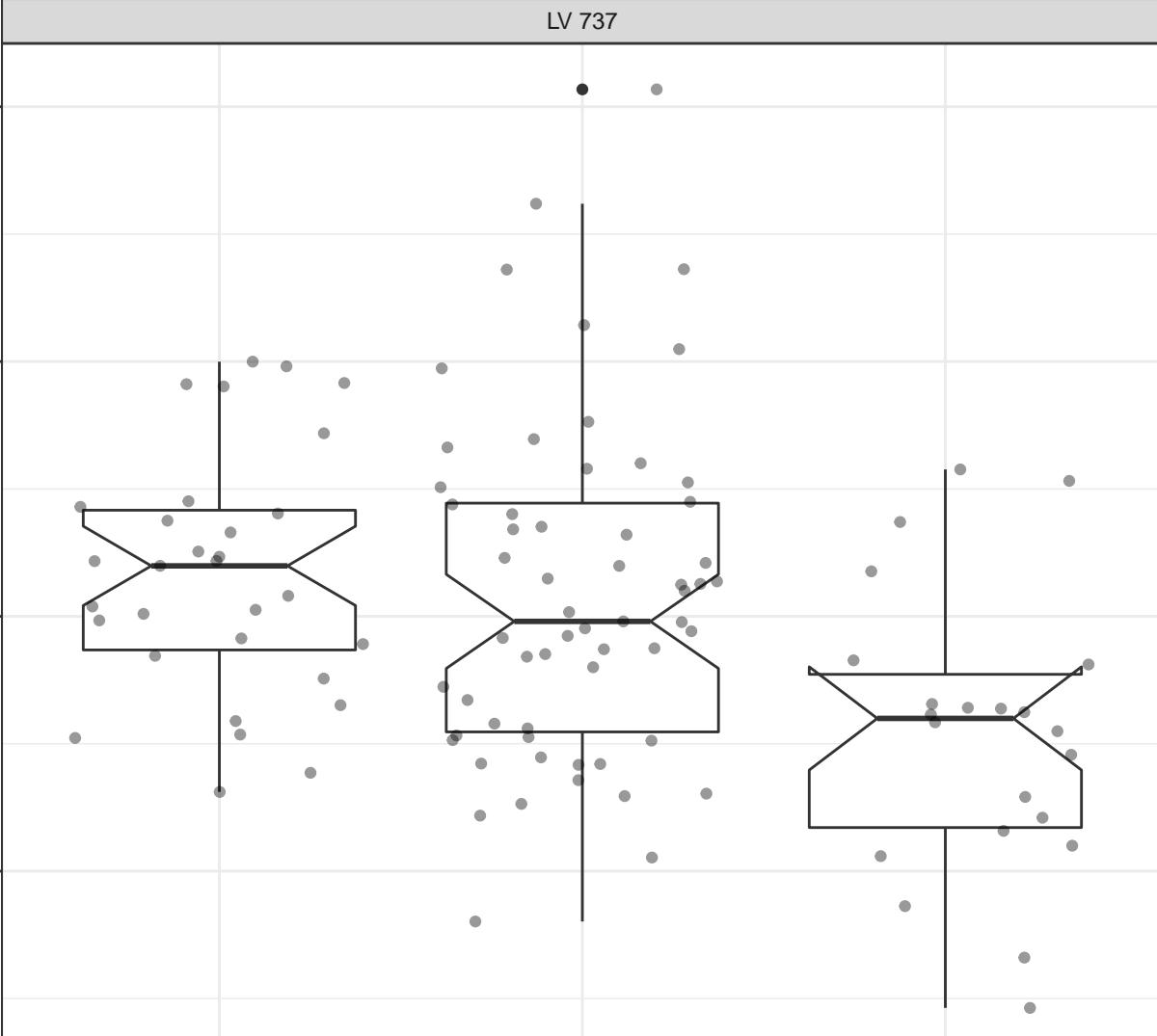
-0.05

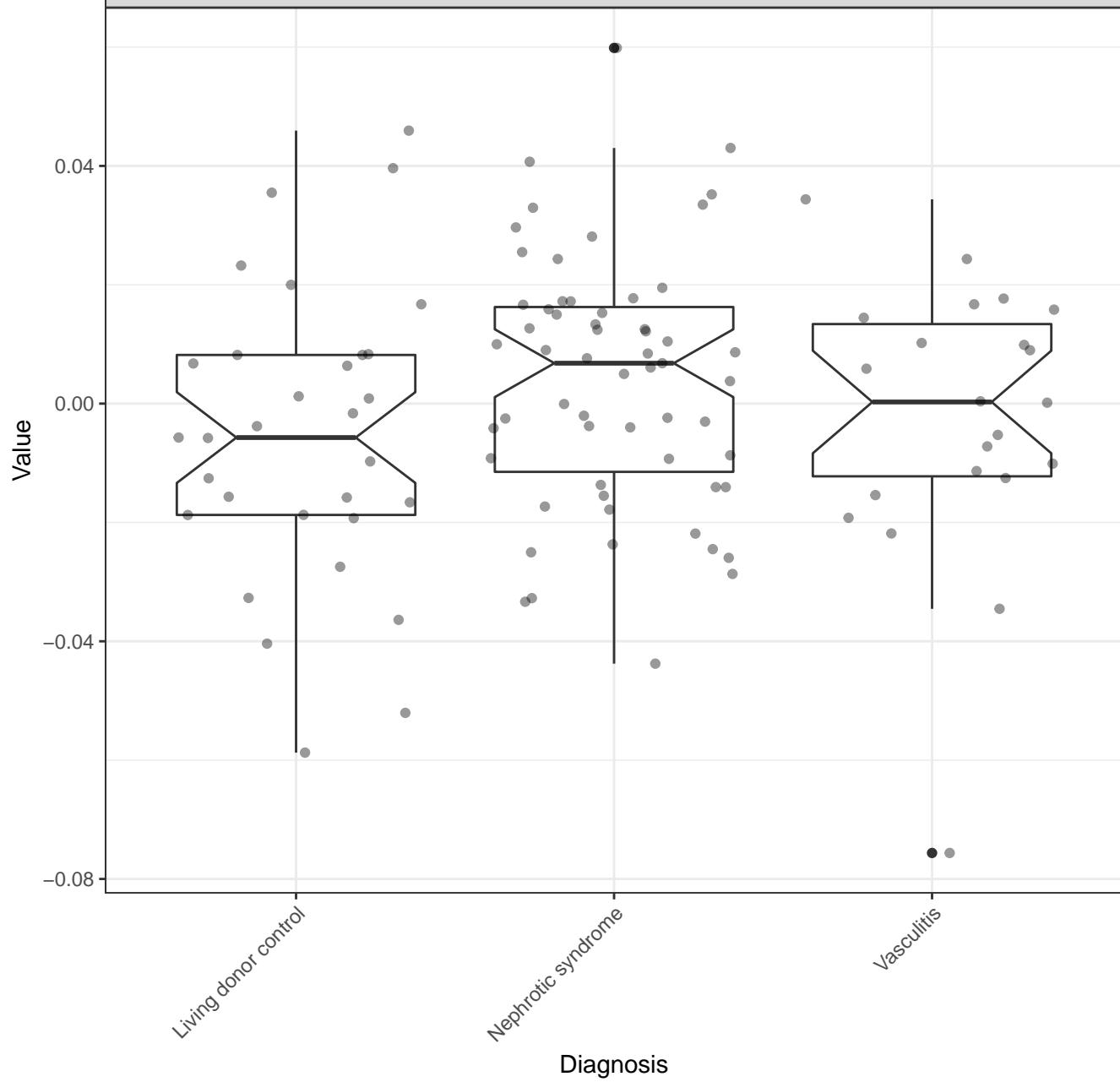
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





## 739,REACTOME\_GENERIC\_TRANSSCRIPTION\_PATHWAY

Value

0.1

0.0

-0.1

-0.2

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.05

0.00

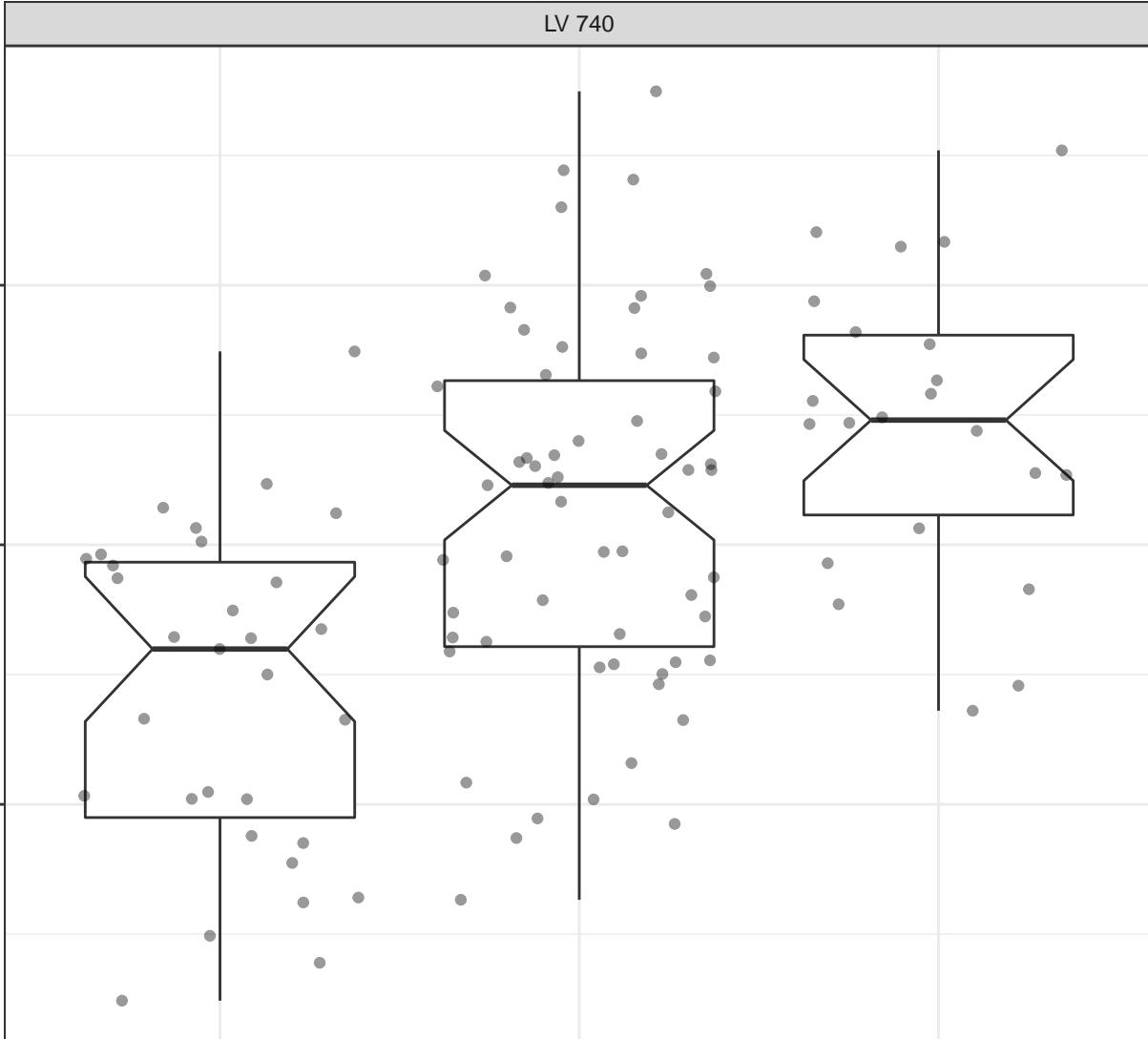
-0.05

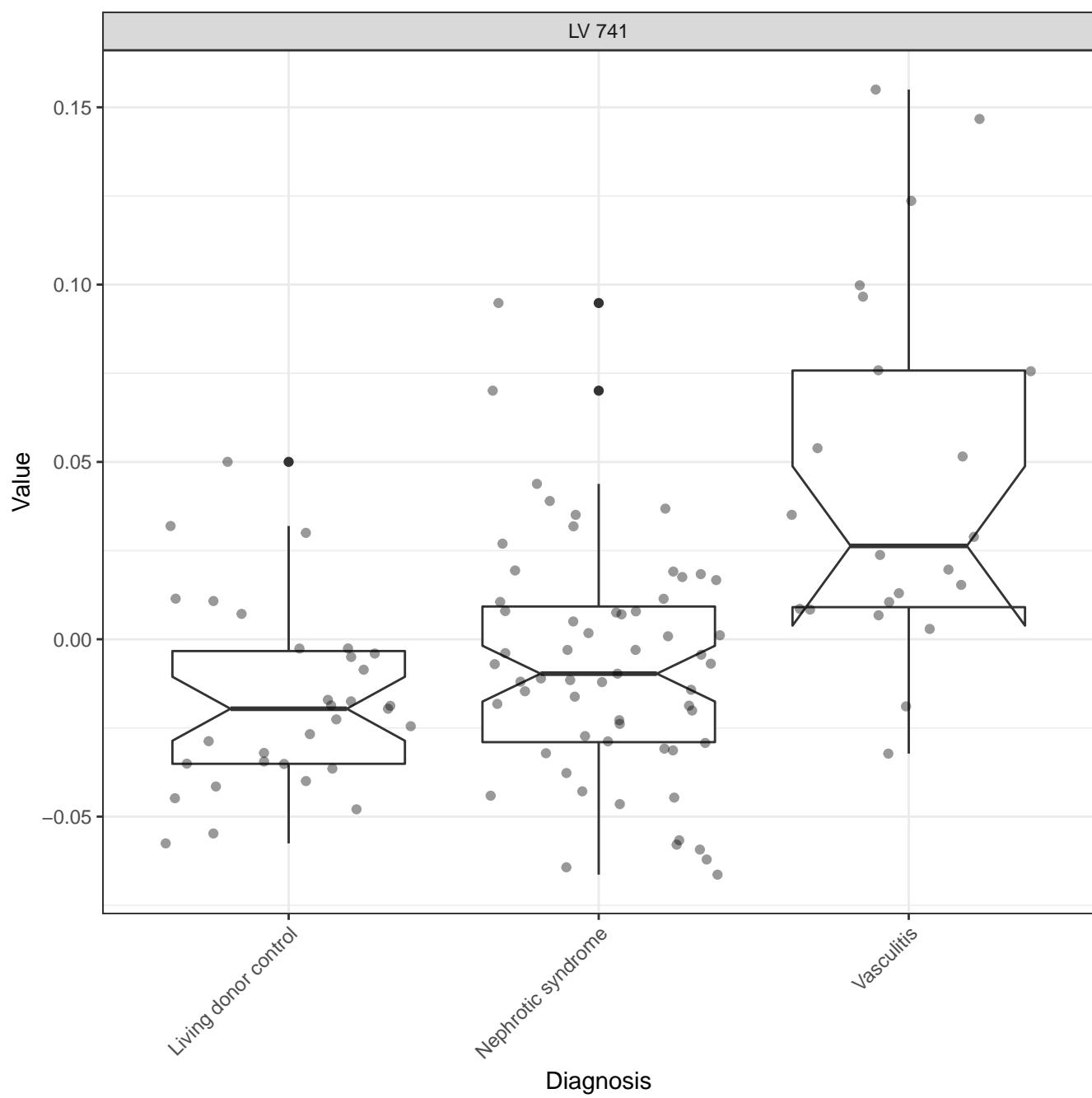
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 742

Value

0.08

0.04

0.00

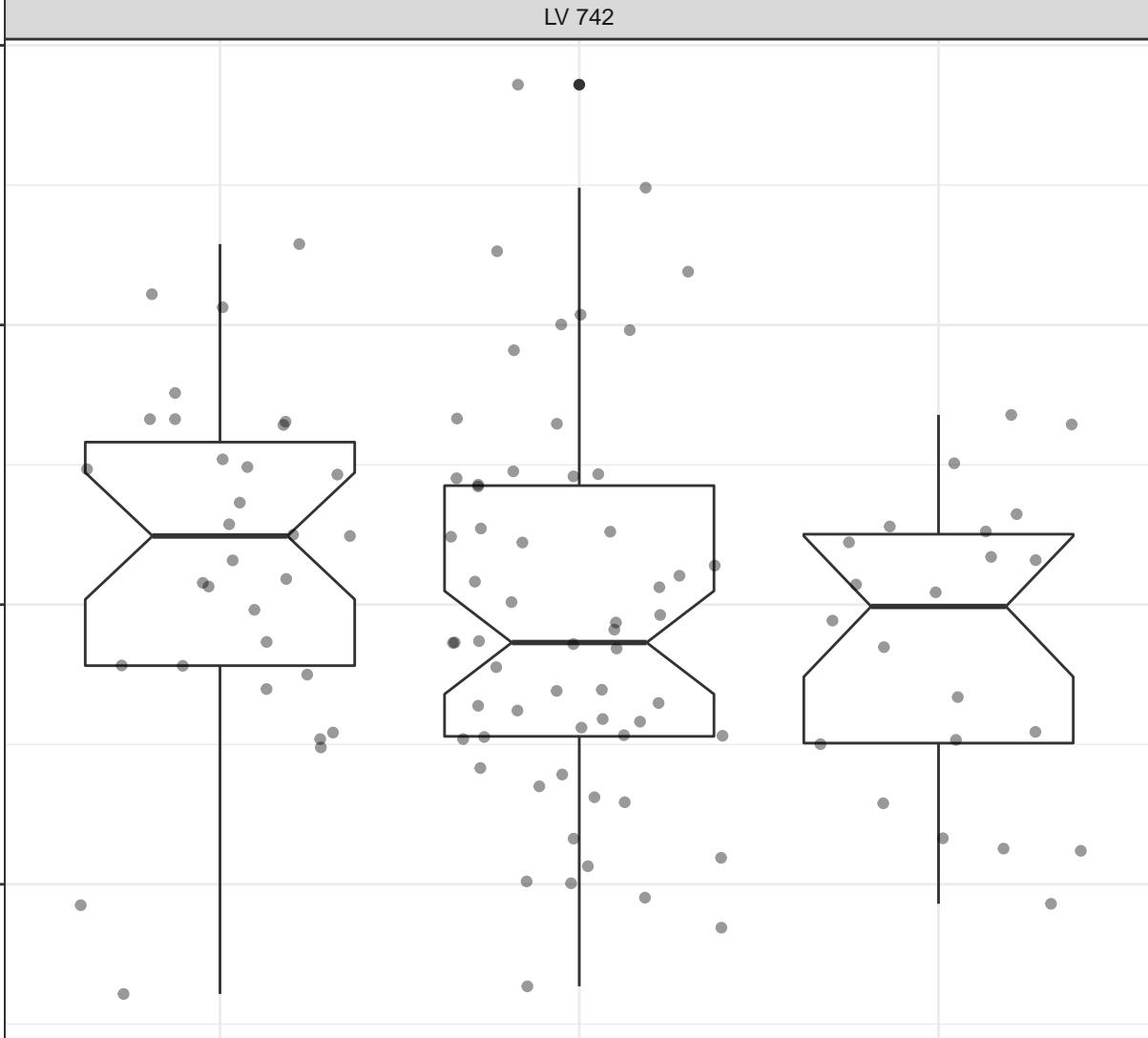
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 743,MIPS\_55S\_RIBOSOME MITOCHONDRIAL

Value

0.2

0.1

0.0

-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 744

Value

0.10

0.05

0.00

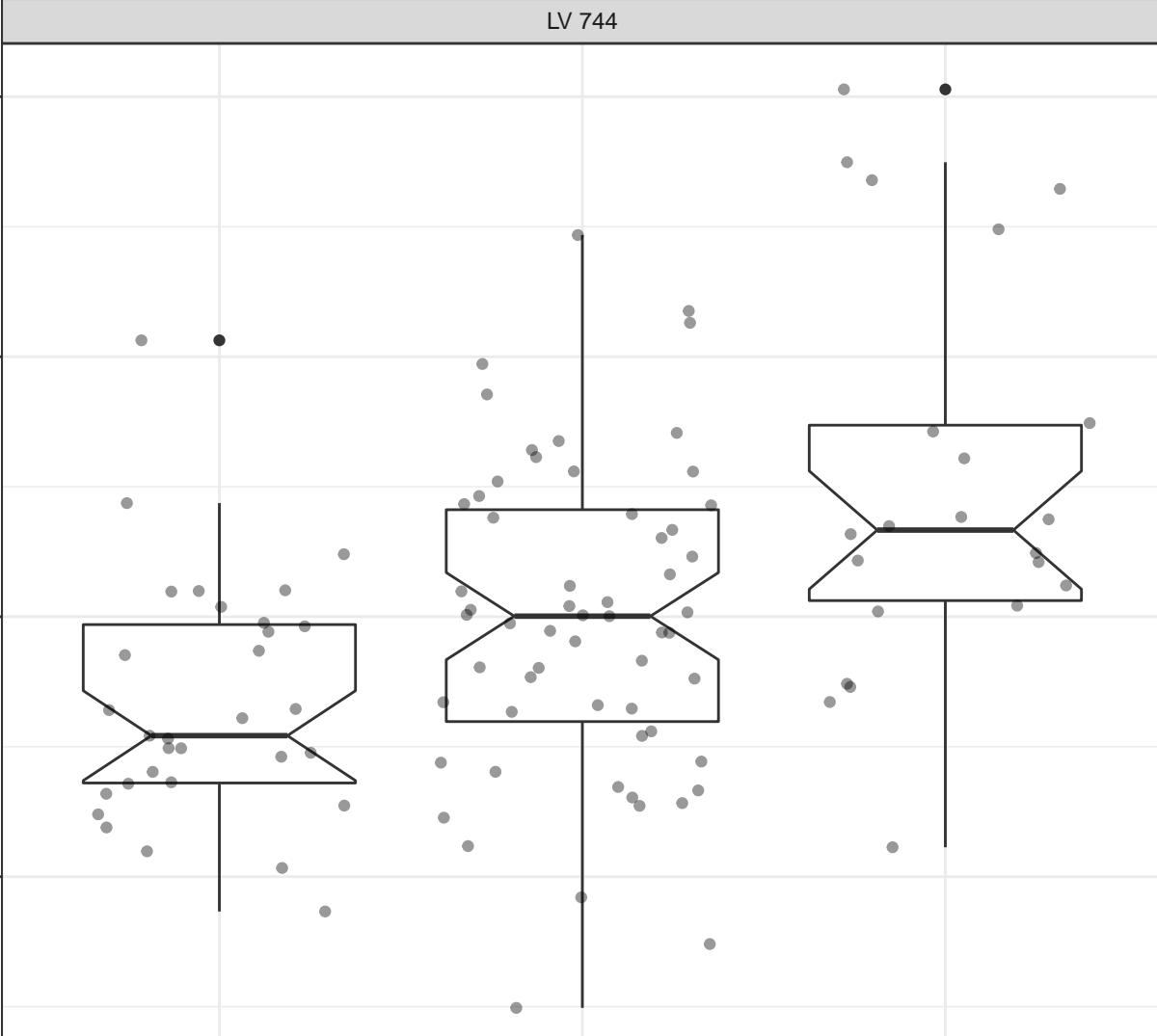
-0.05

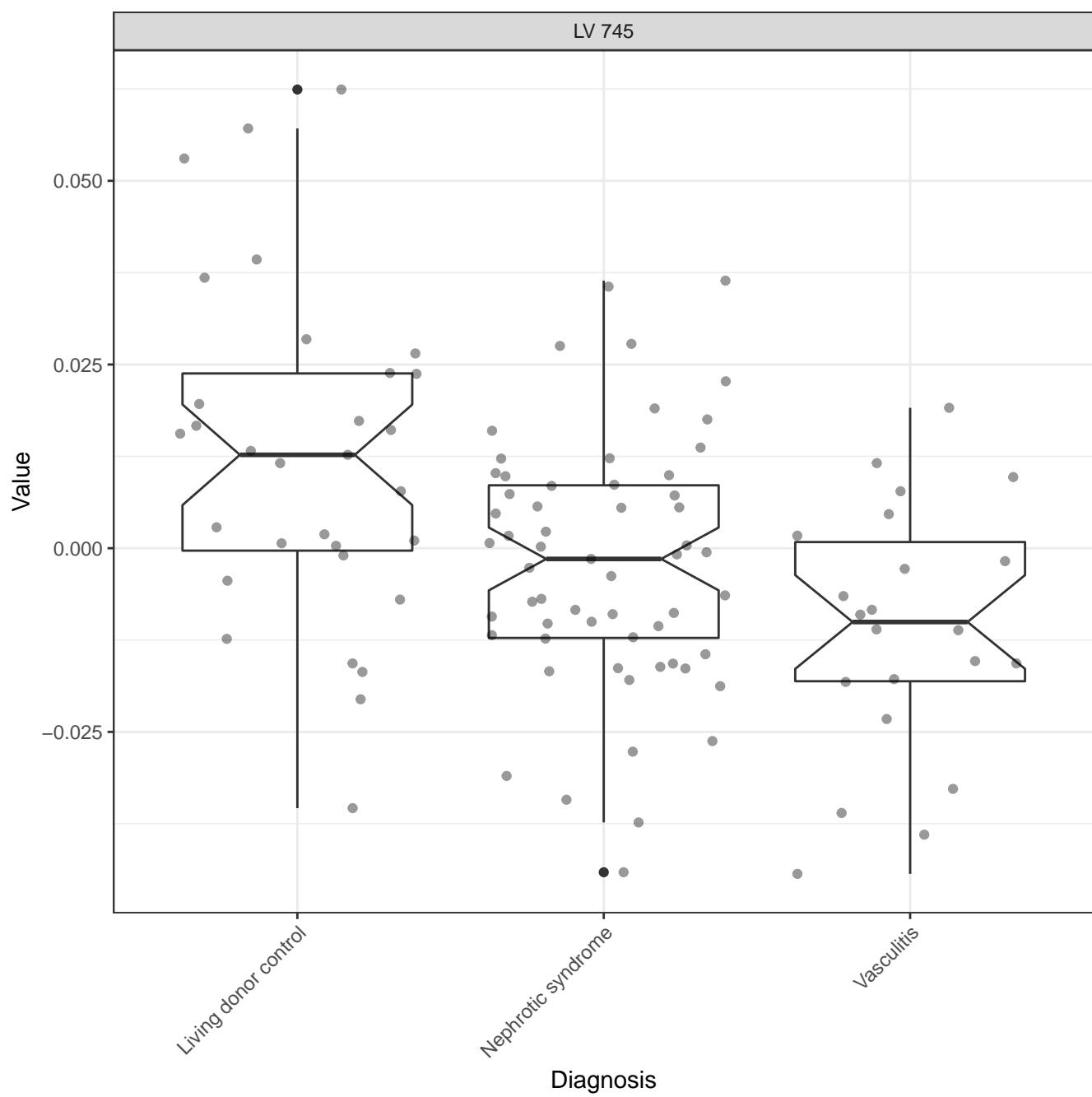
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.10

0.05

0.00

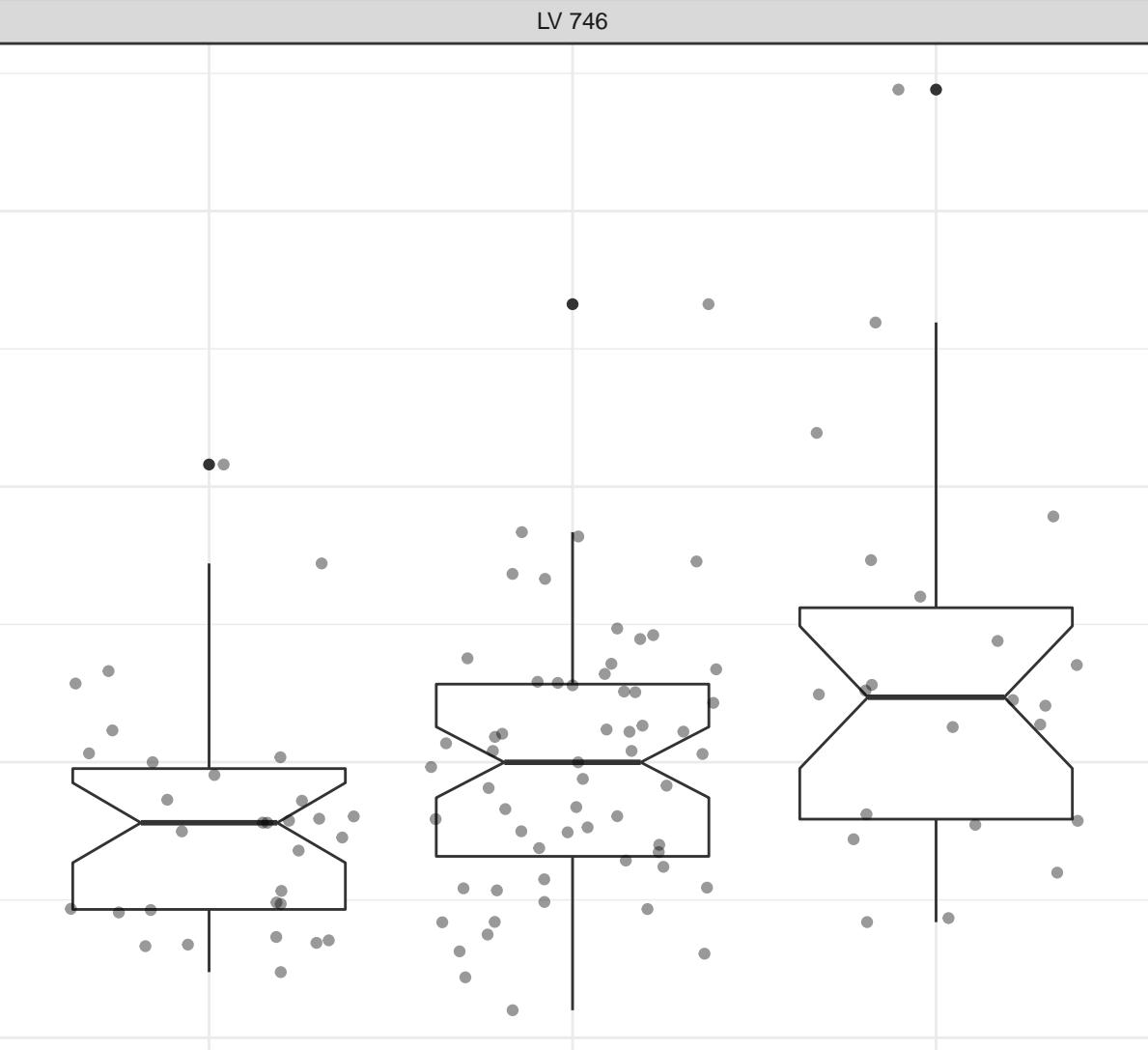
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 747

Value

0.05

0.01

-0.05

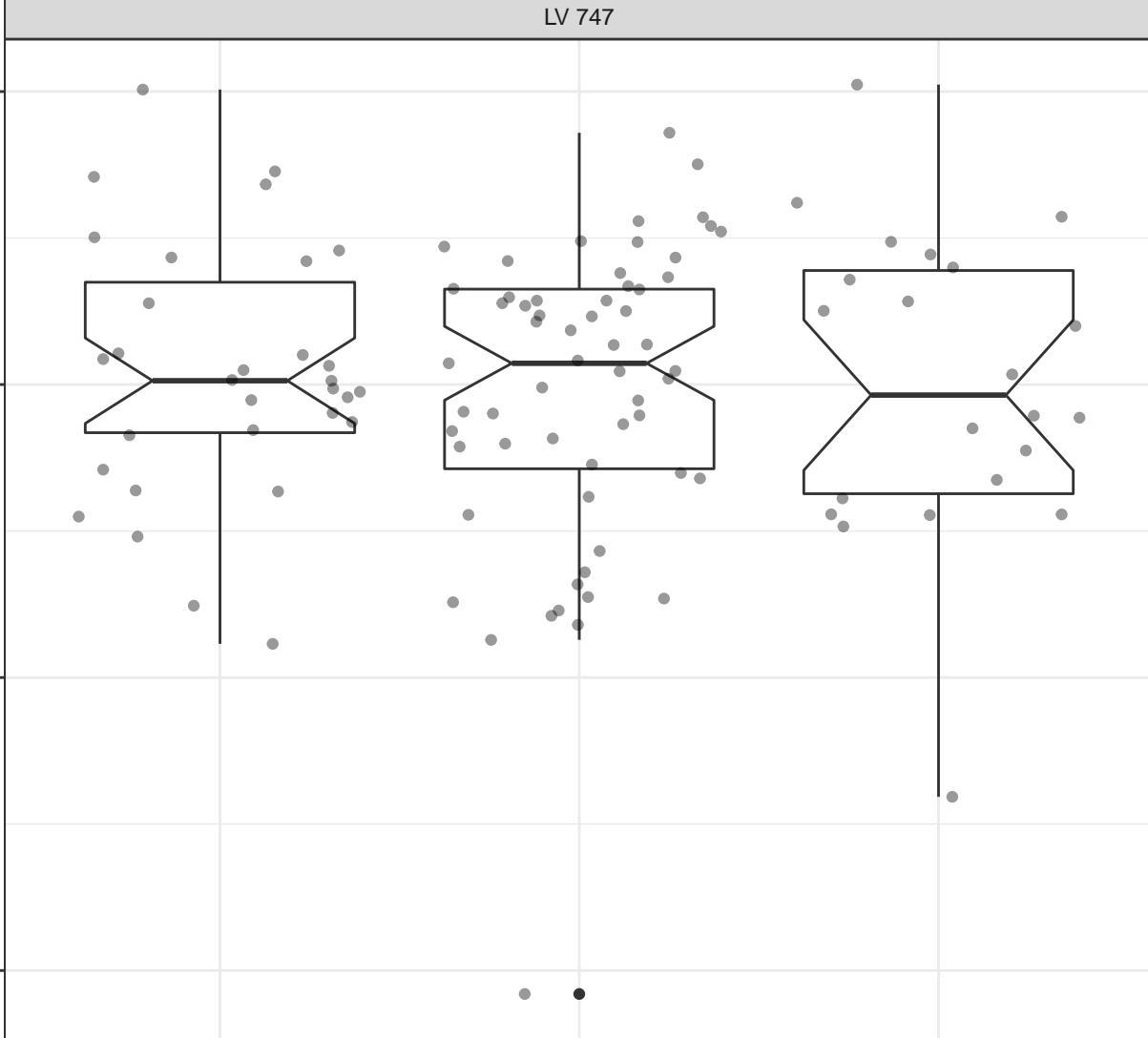
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

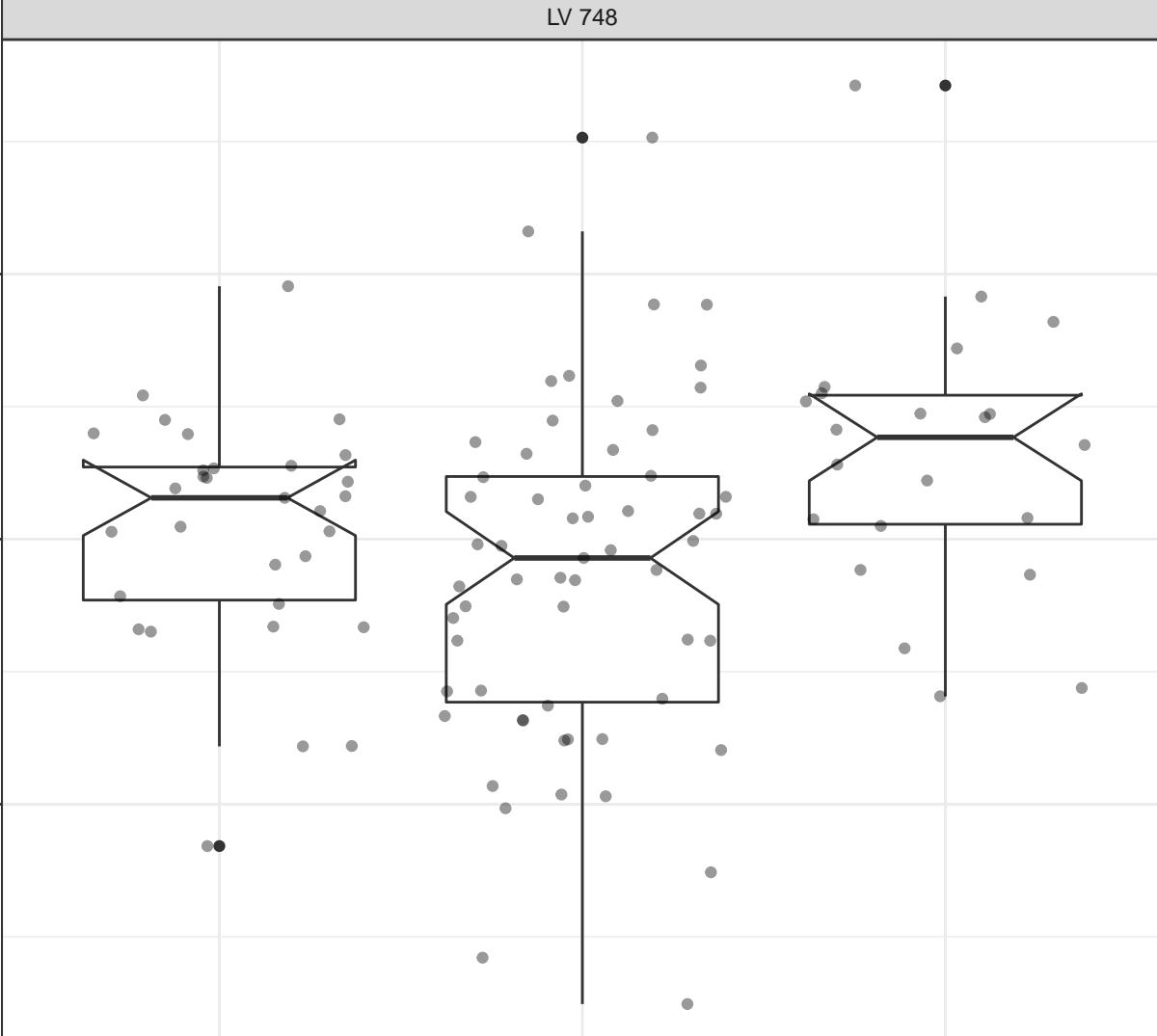
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 749

Value

0.10

0.05

0.00

-0.05

-0.10

-0.15

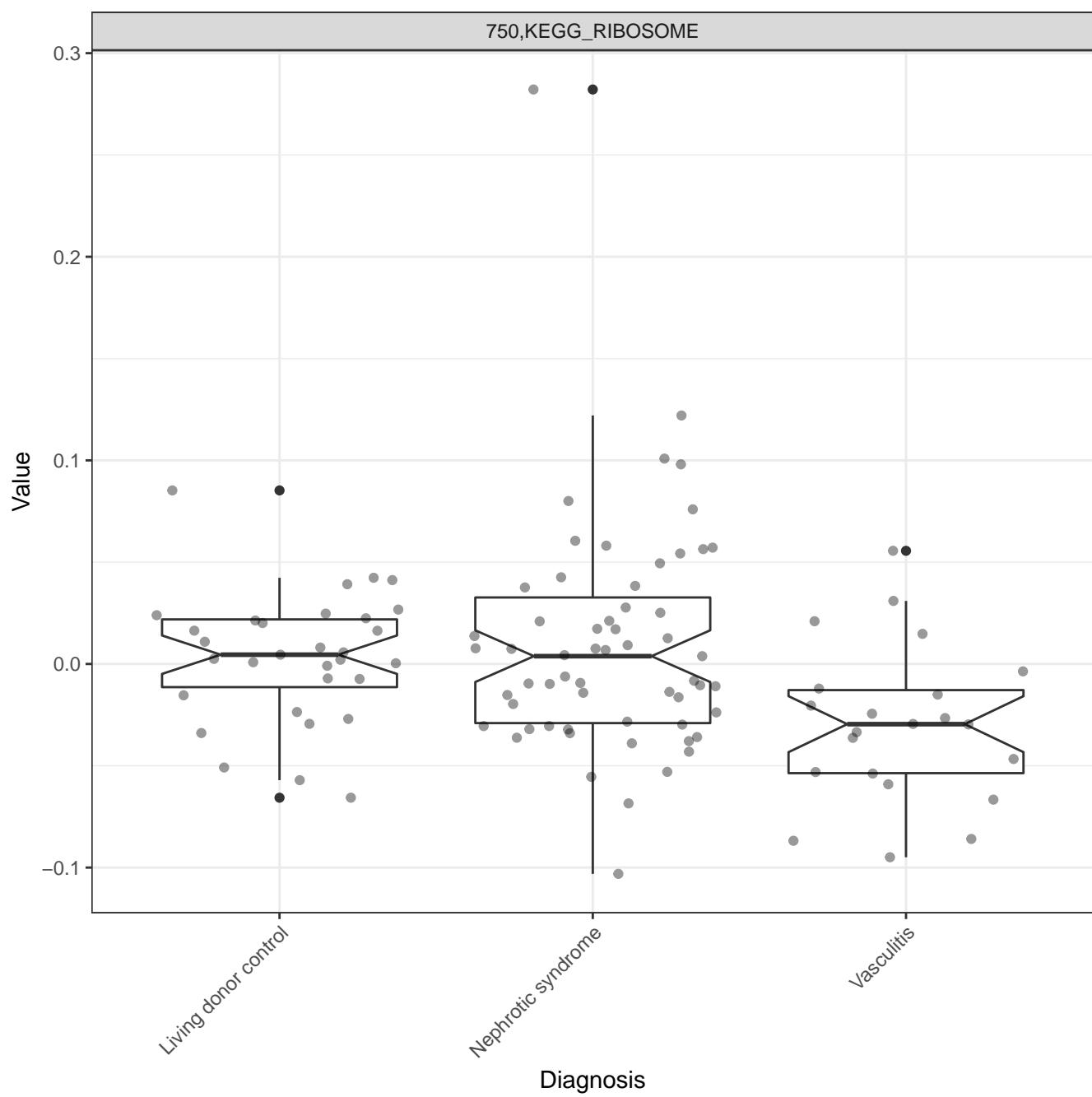
Living donor control

Nephrotic syndrome

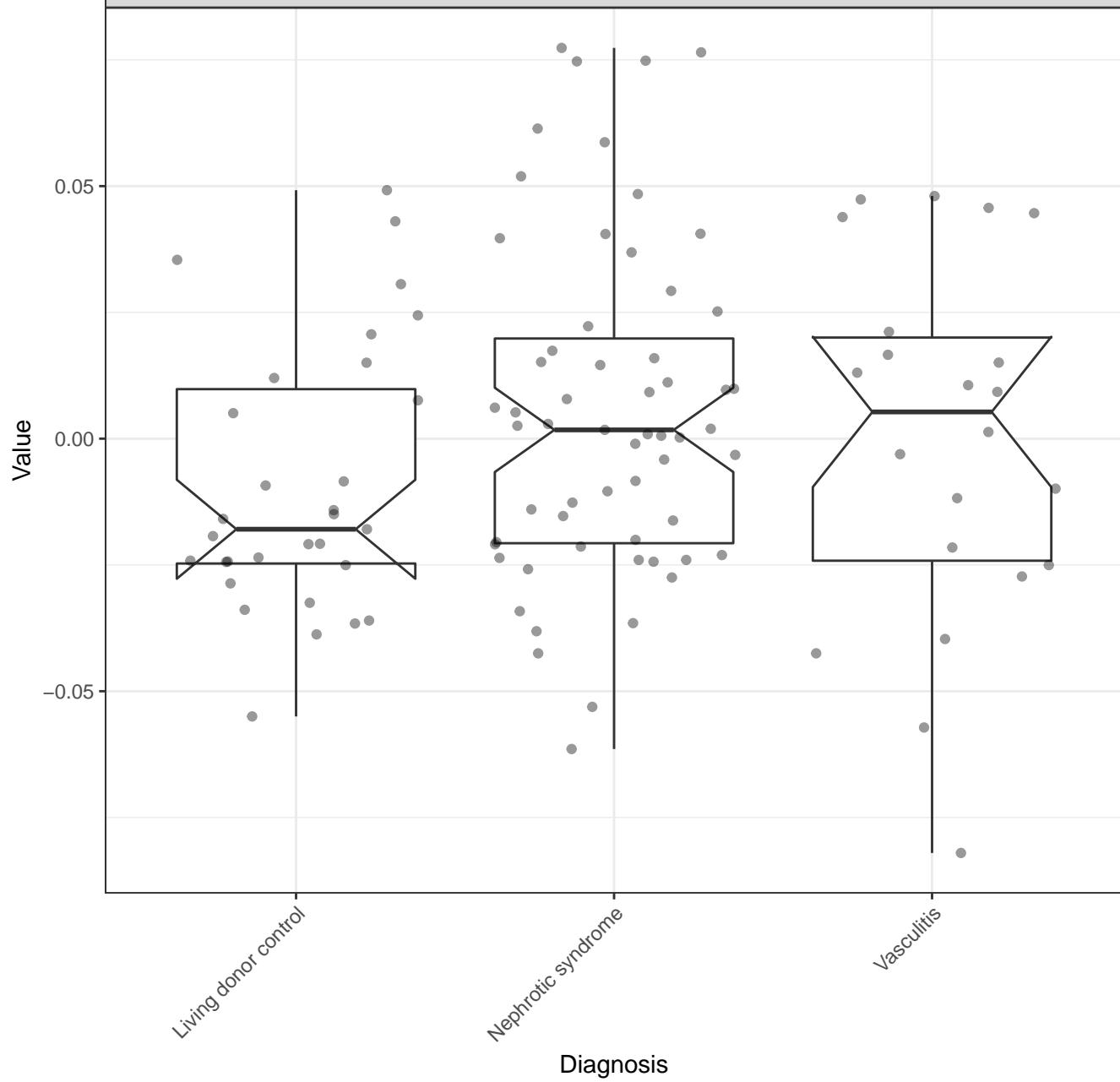
Vasculitis

Diagnosis

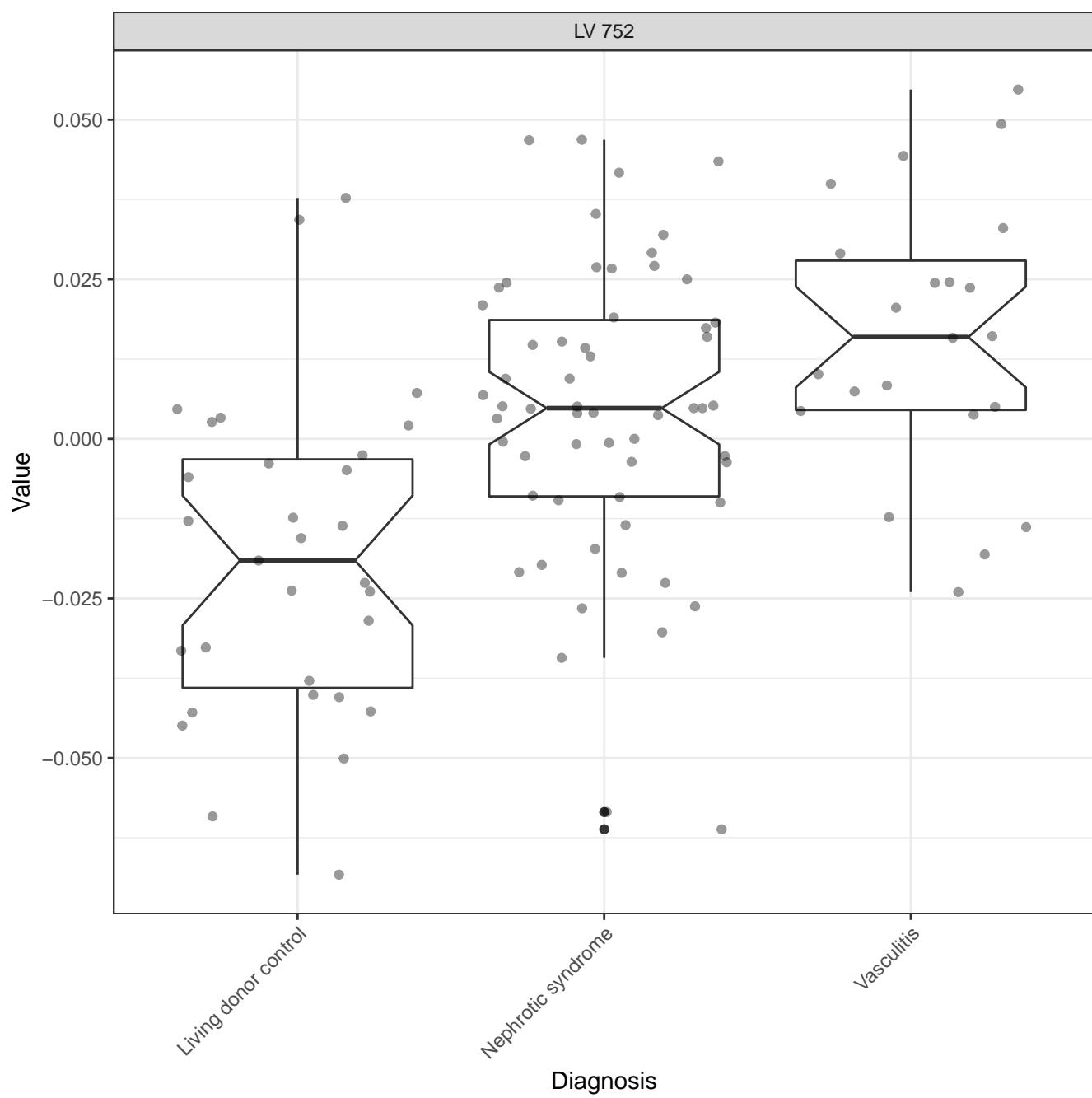
## 750,KEGG\_RIBOSOME

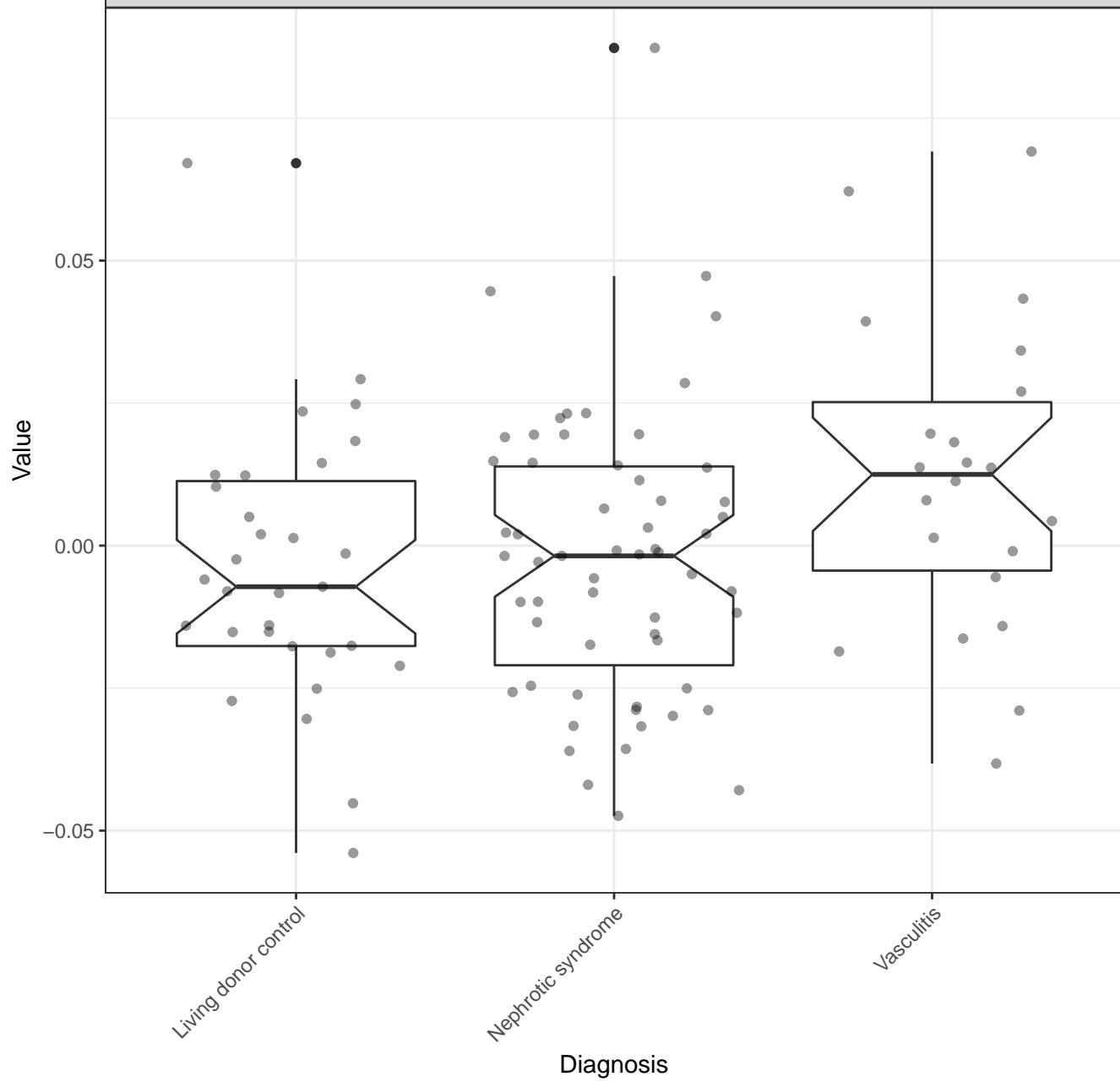


LV 751



LV 752





Value

0.05

0.00

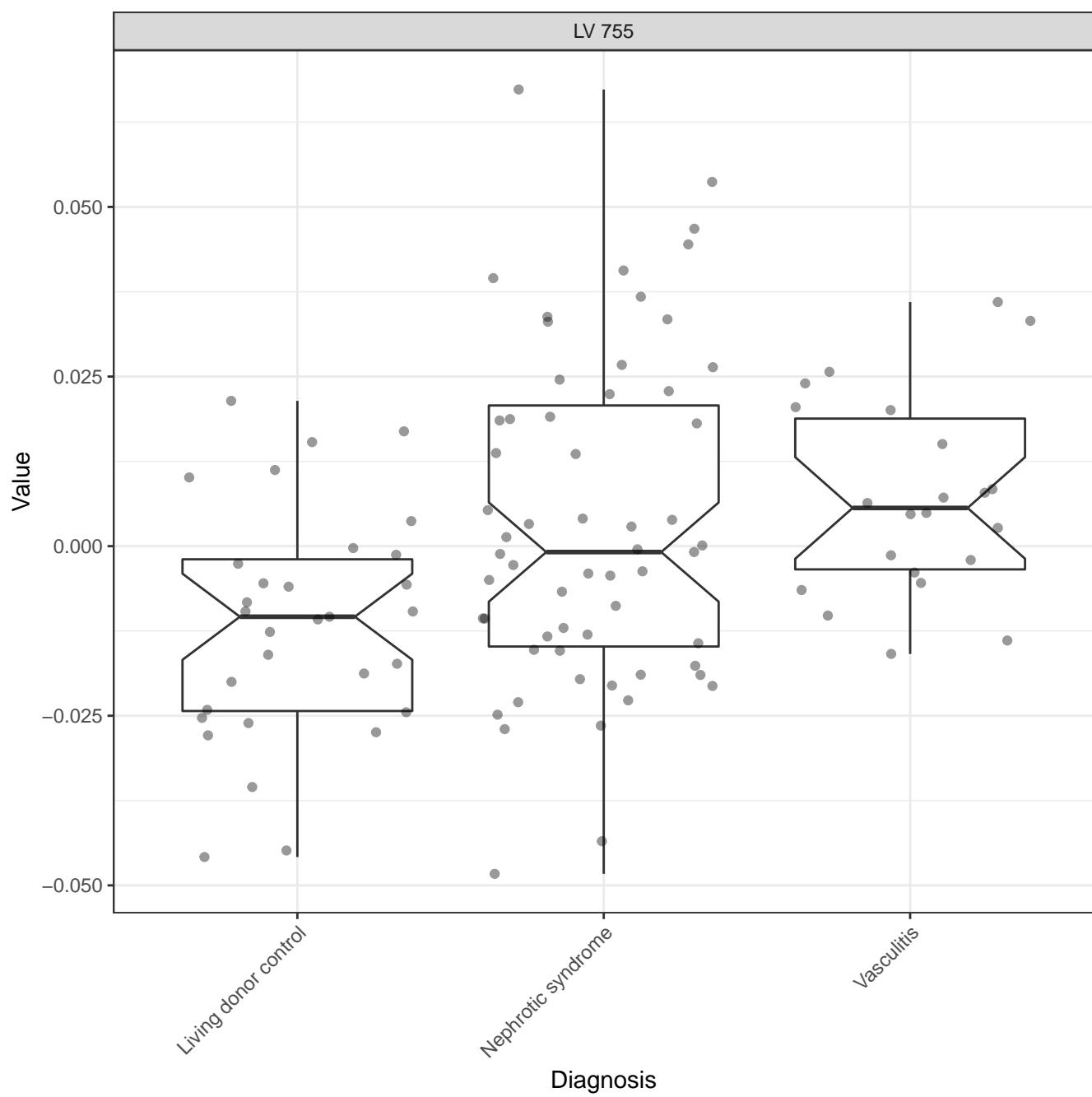
-0.05

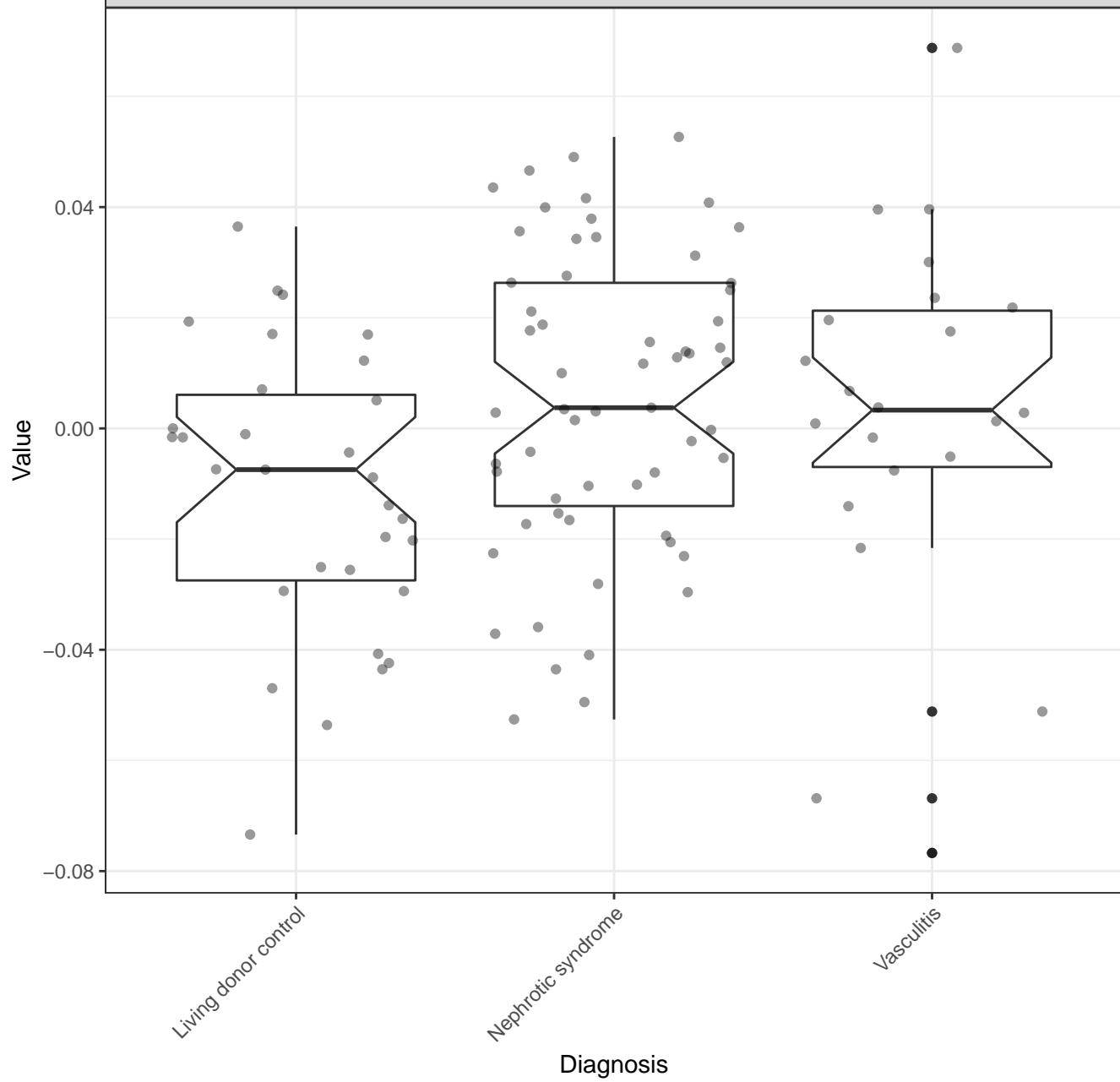
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.05

0.00

-0.05

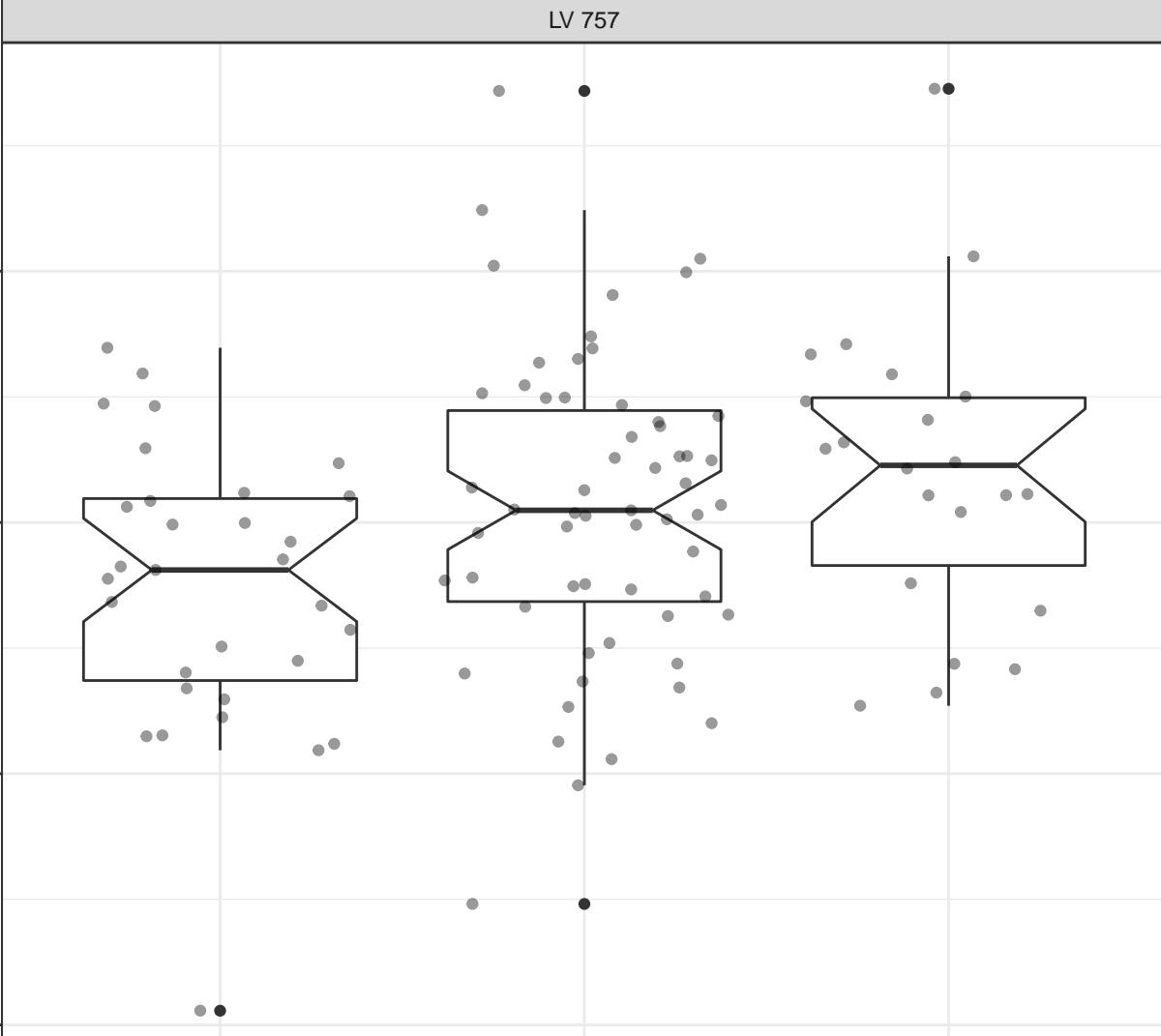
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 758

Value

0.10

0.05

0.00

-0.05

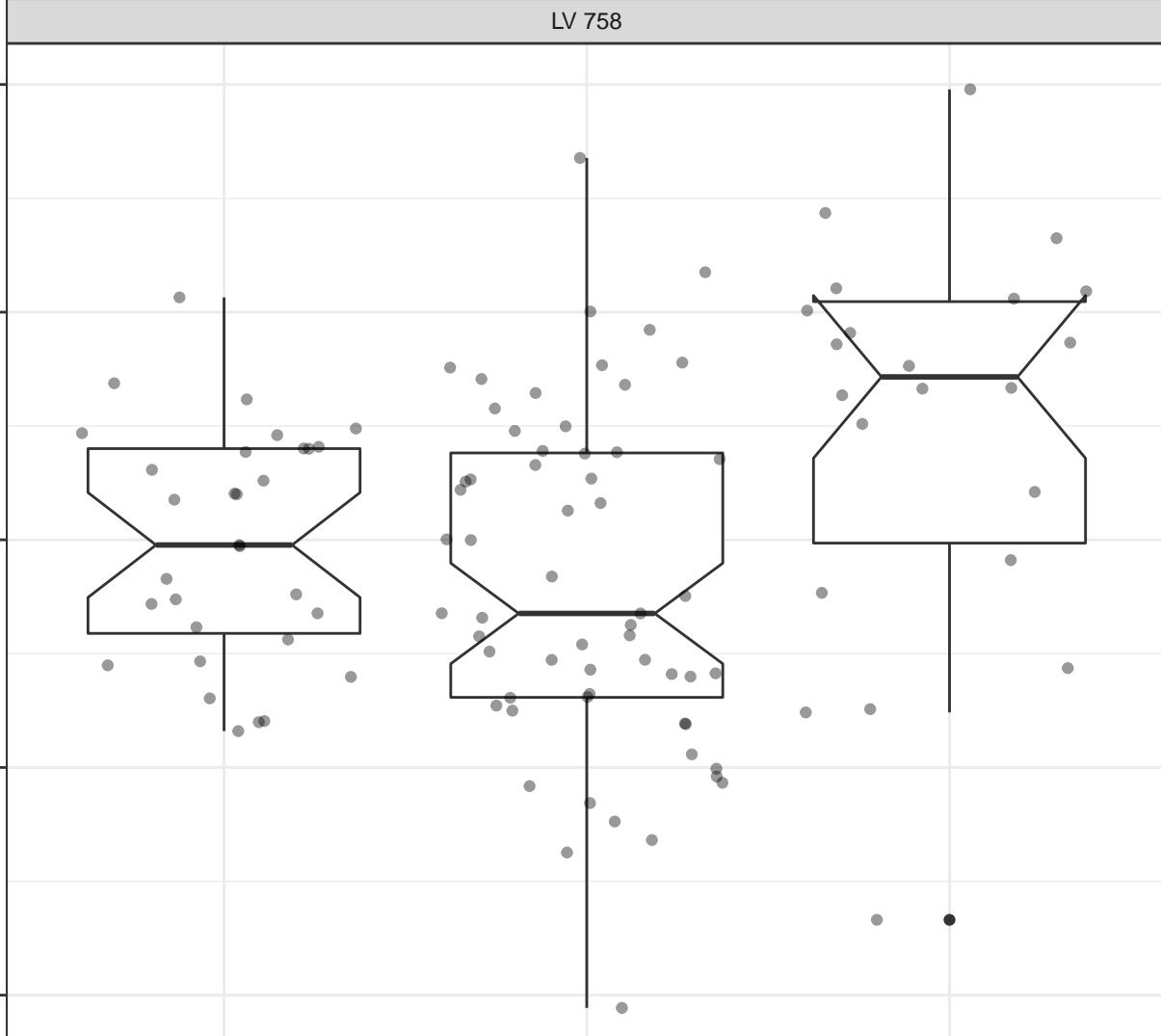
-0.10

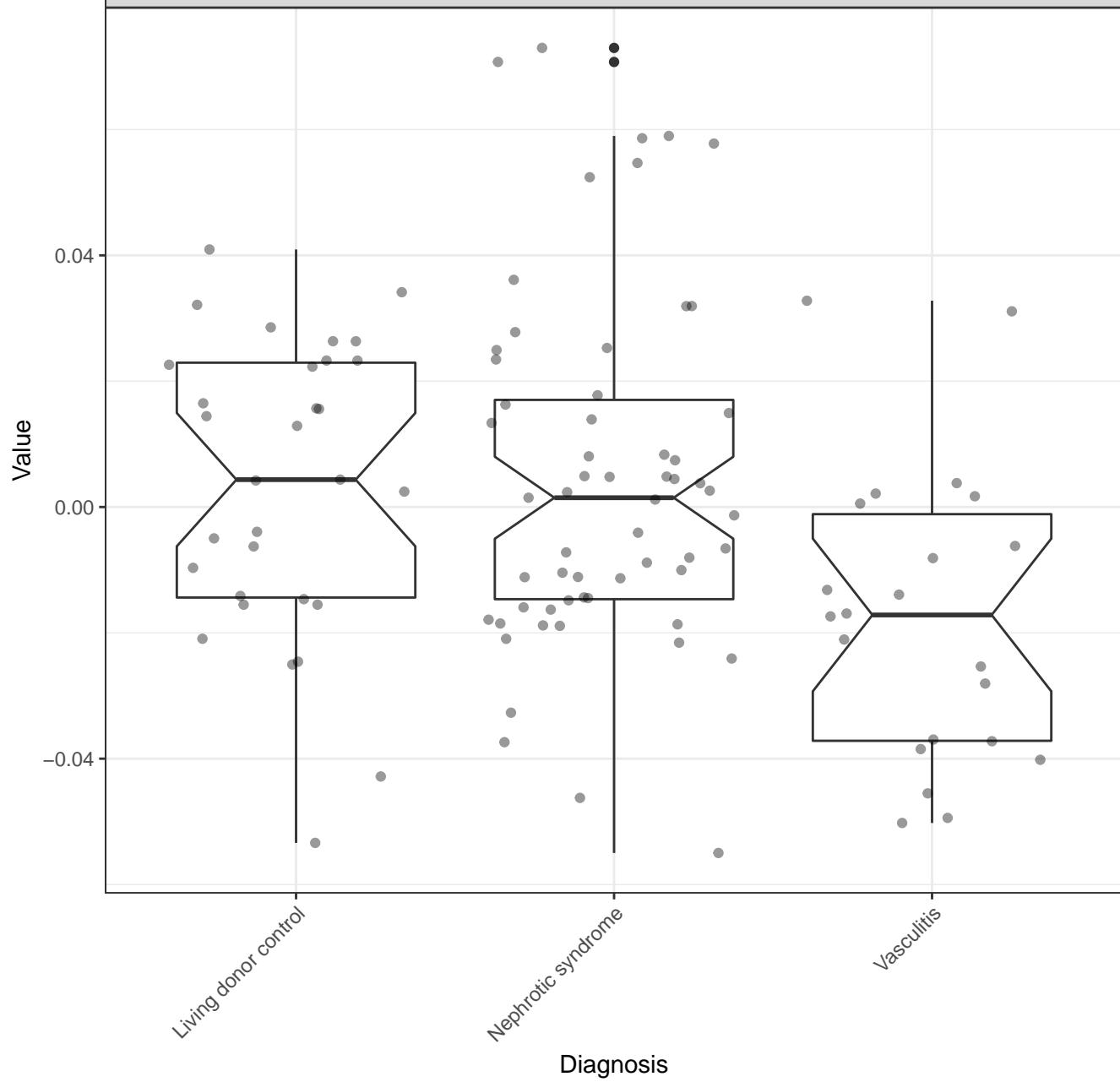
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 760

Value

0.05

0.01

-0.05

-0.10

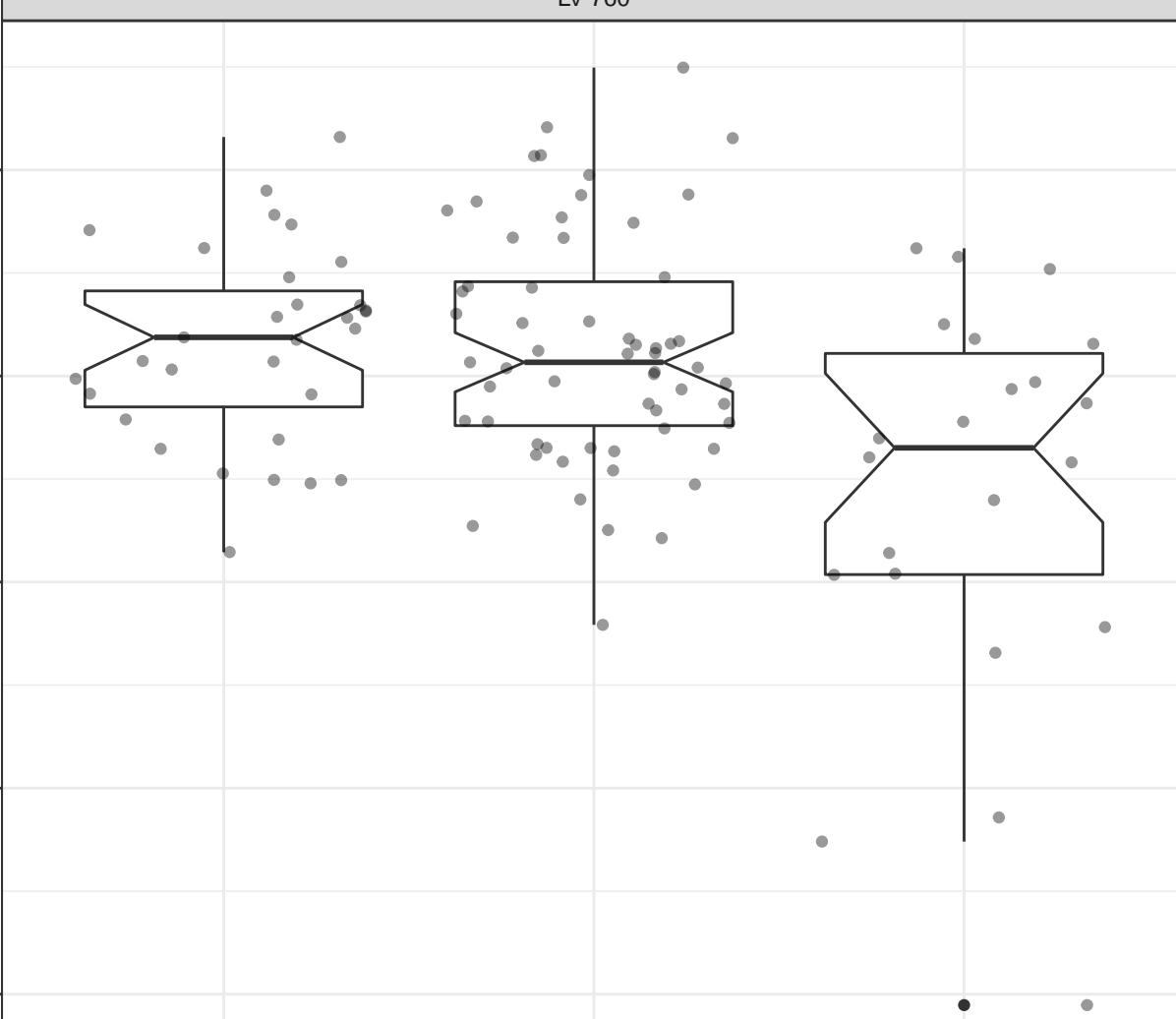
-0.15

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 761

Value

0.04

0.02

0.00

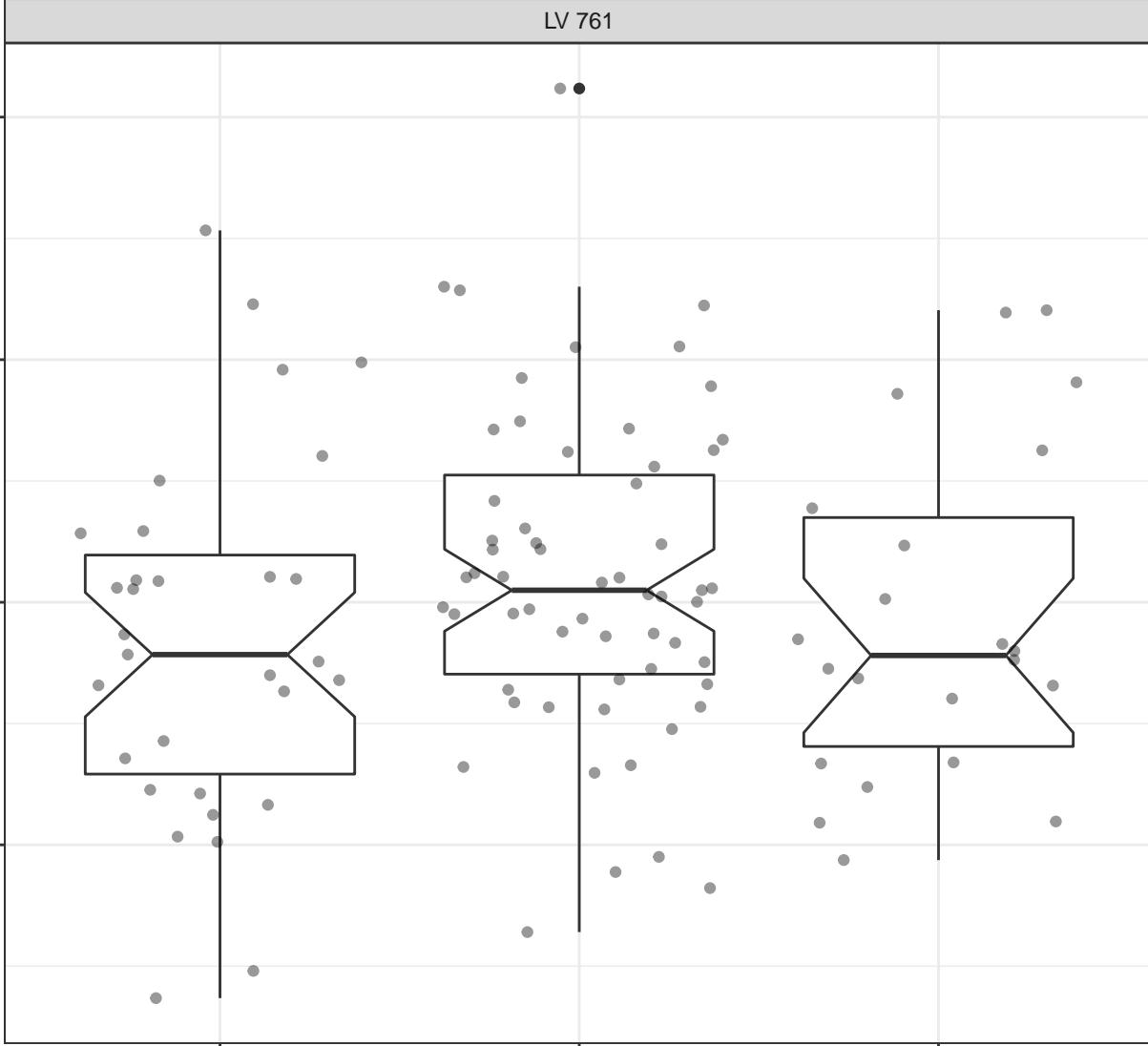
-0.02

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

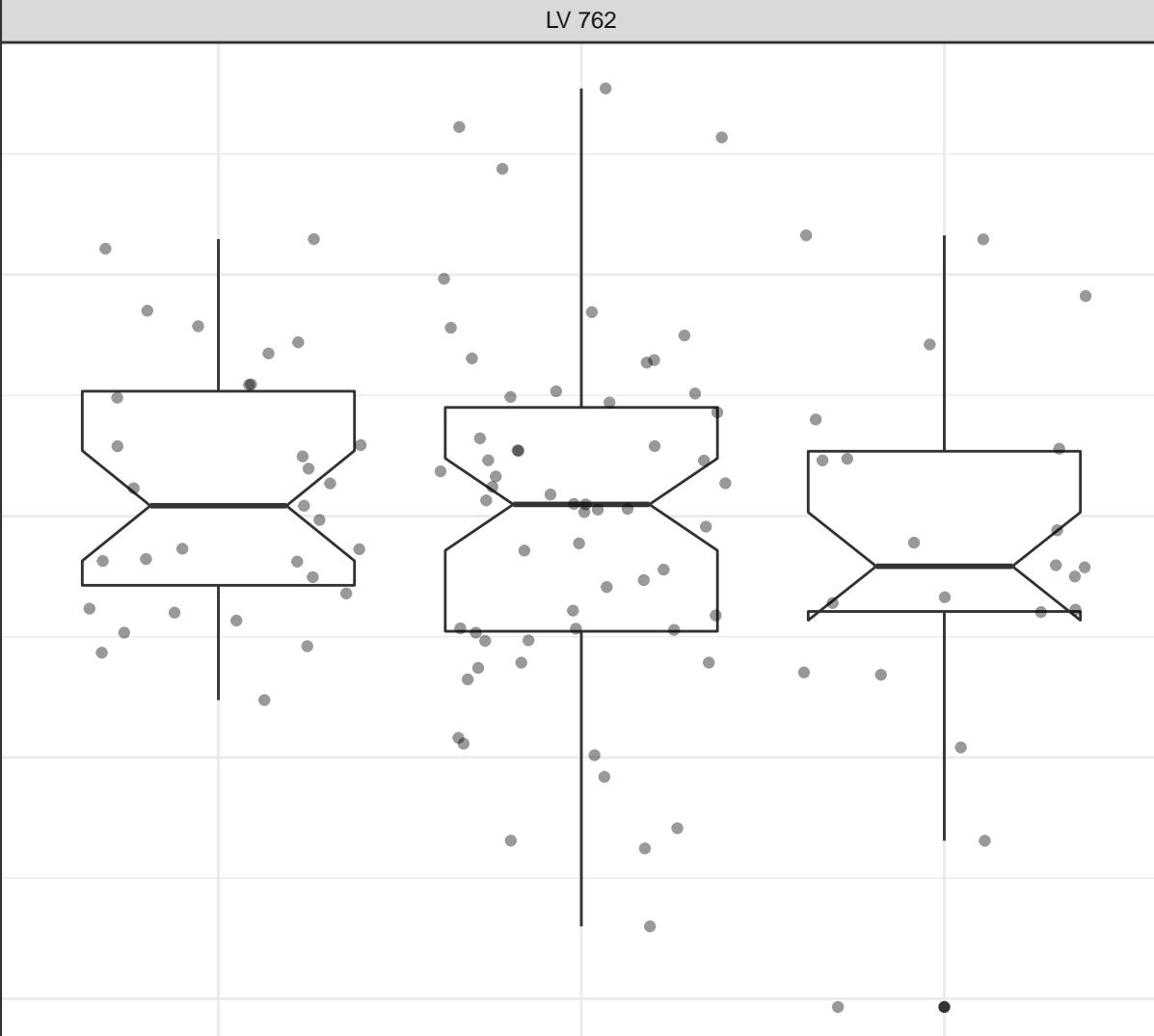
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

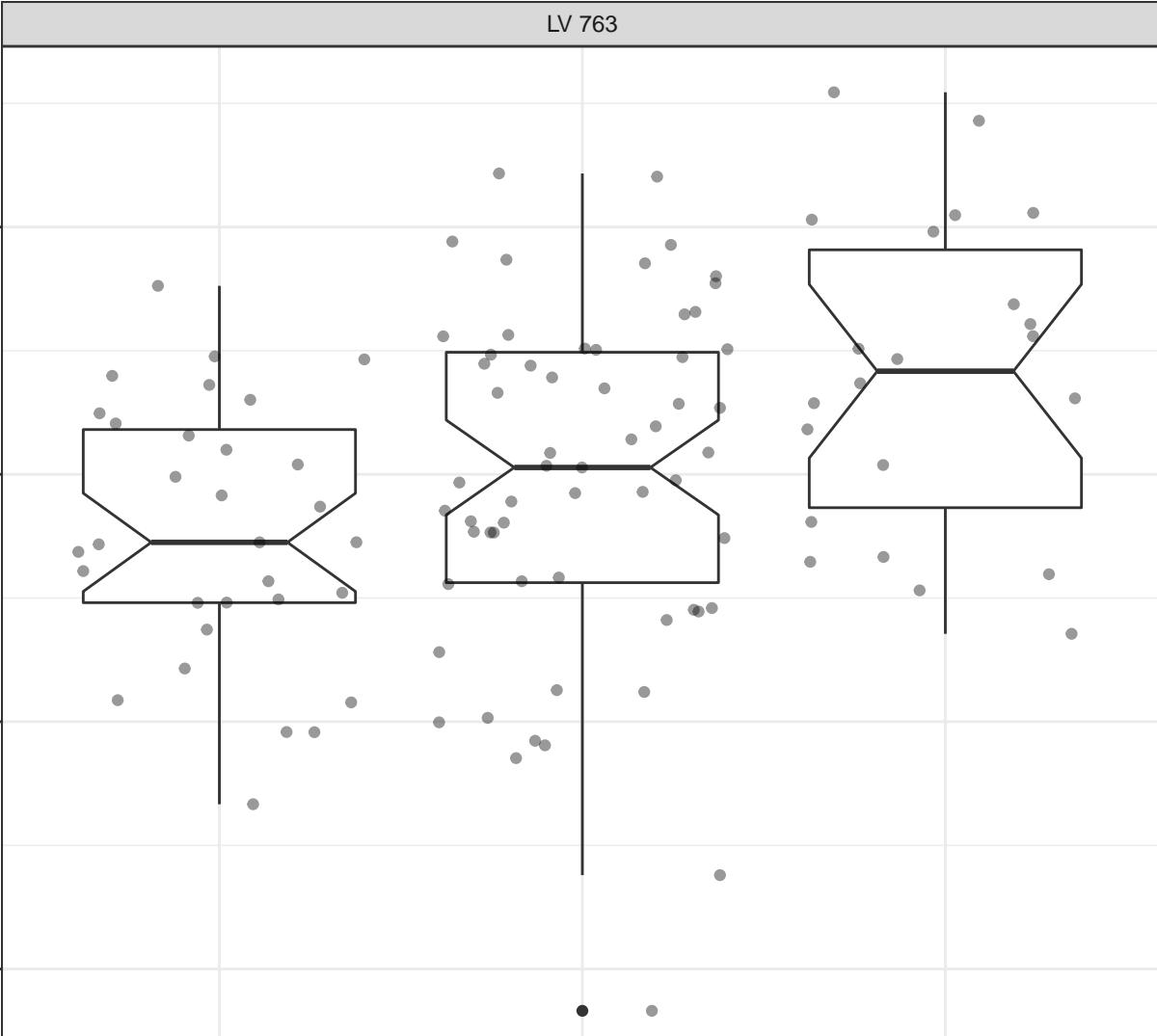
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.02

0.00

-0.02

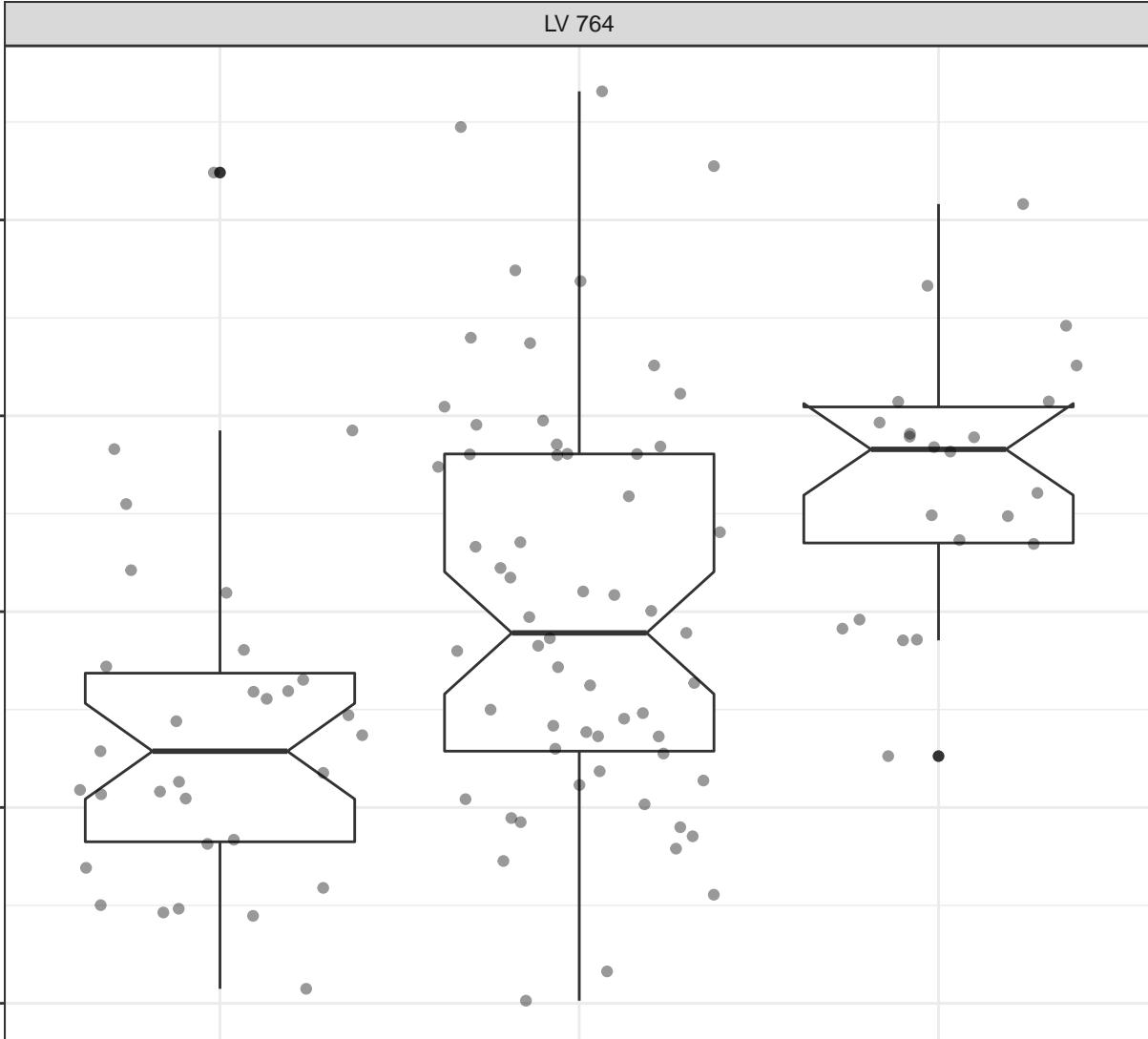
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



765,SVM NK cells resting

Value

0.3

0.2

0.1

0.0

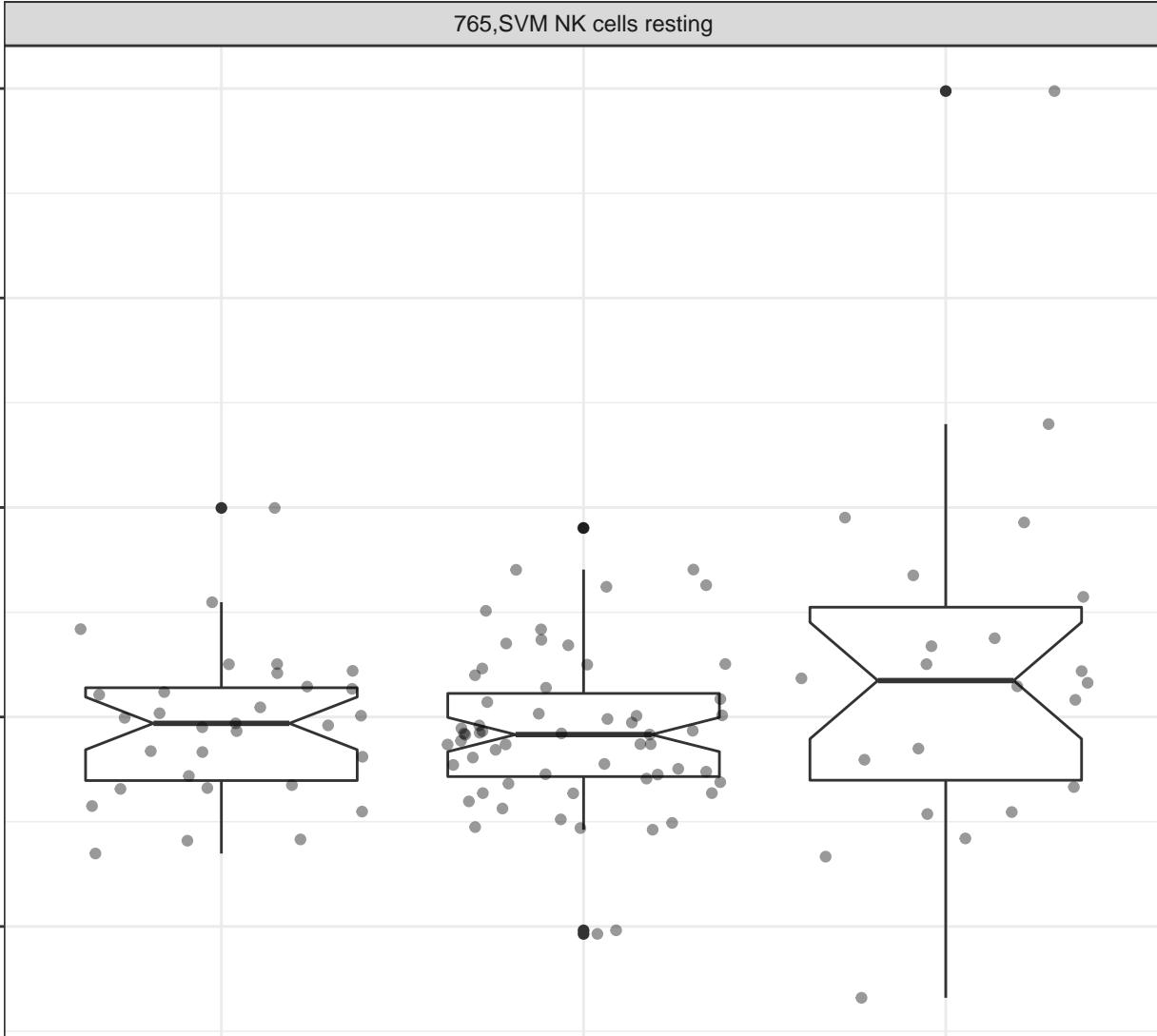
-0.1

Living donor control

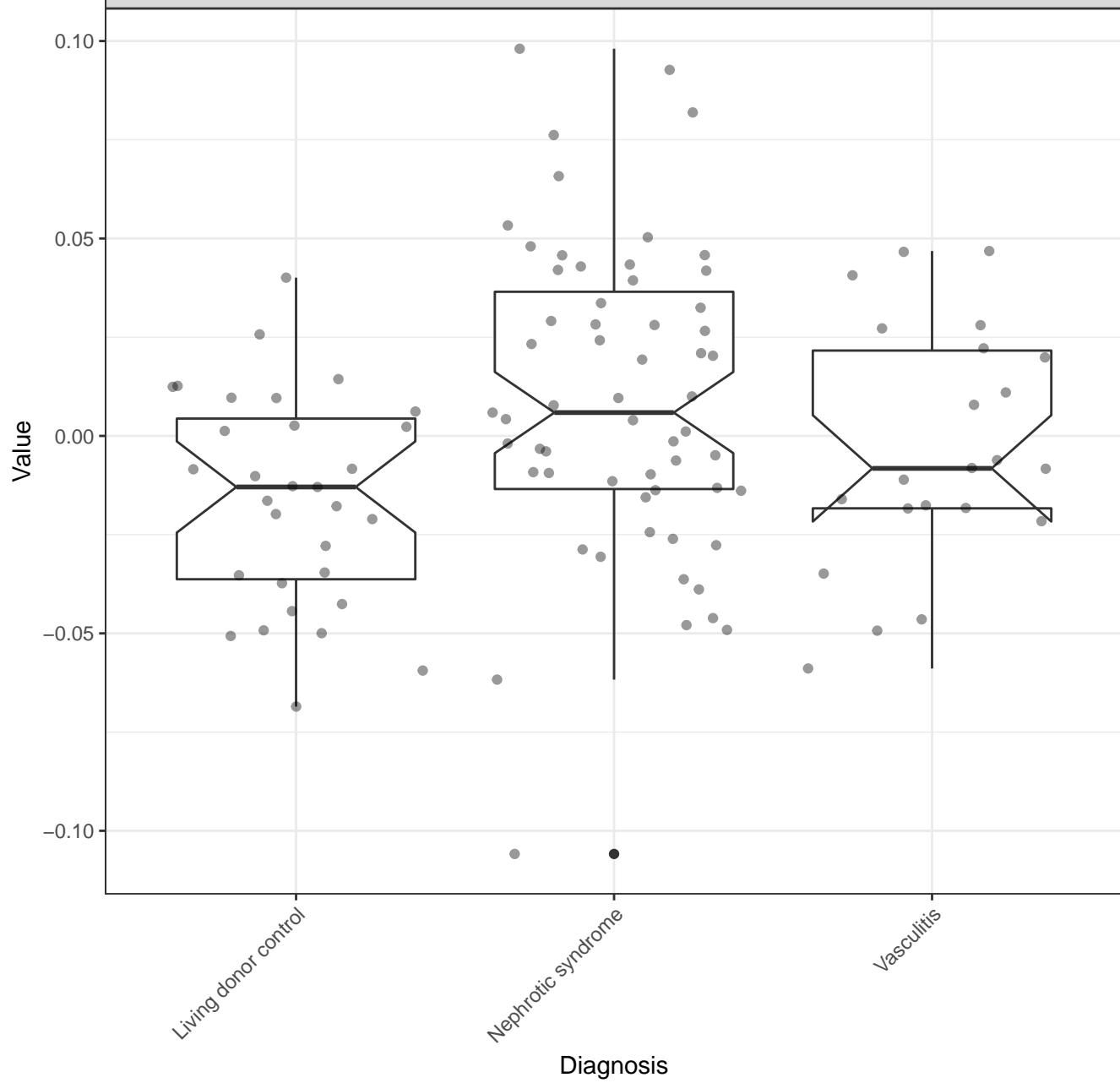
Nephrotic syndrome

Vasculitis

Diagnosis



# 766,KEGG\_DILATED\_CARDIOMYOPATHY



## 767,SVM B cells naive

Value

0.10

0.05

0.00

-0.05

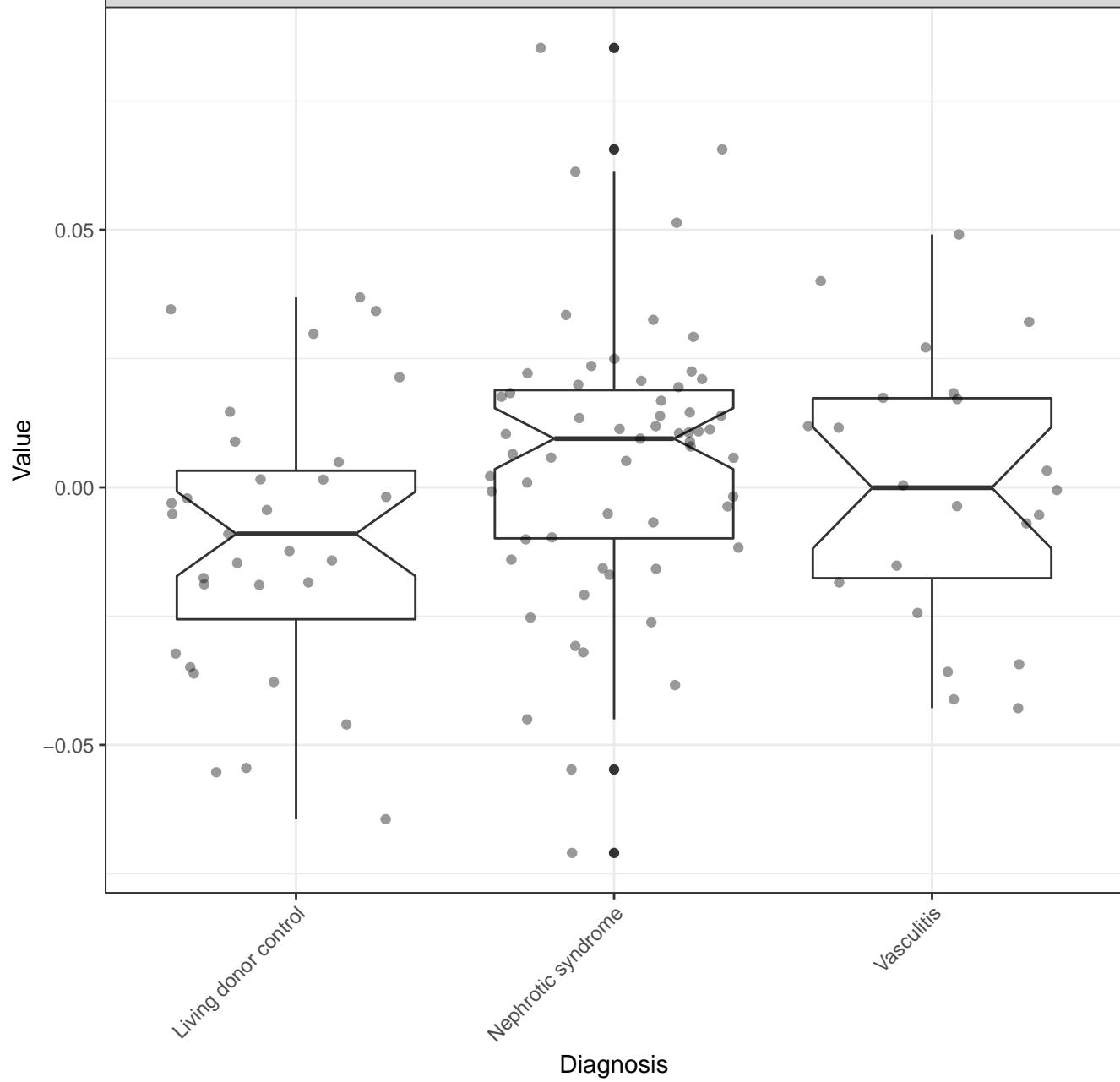
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 769

Value

0.08

0.04

0.00

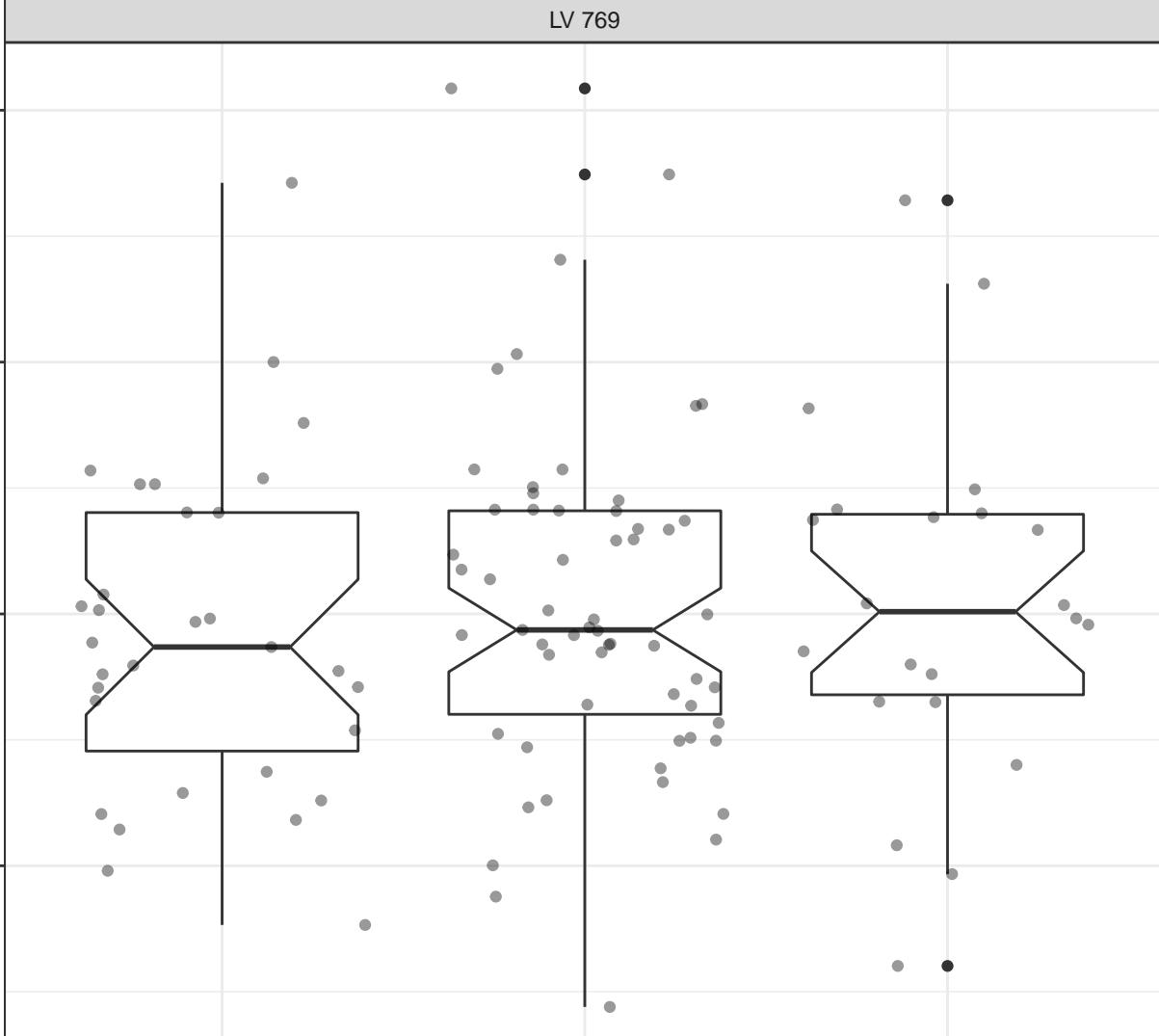
-0.04

Living donor control

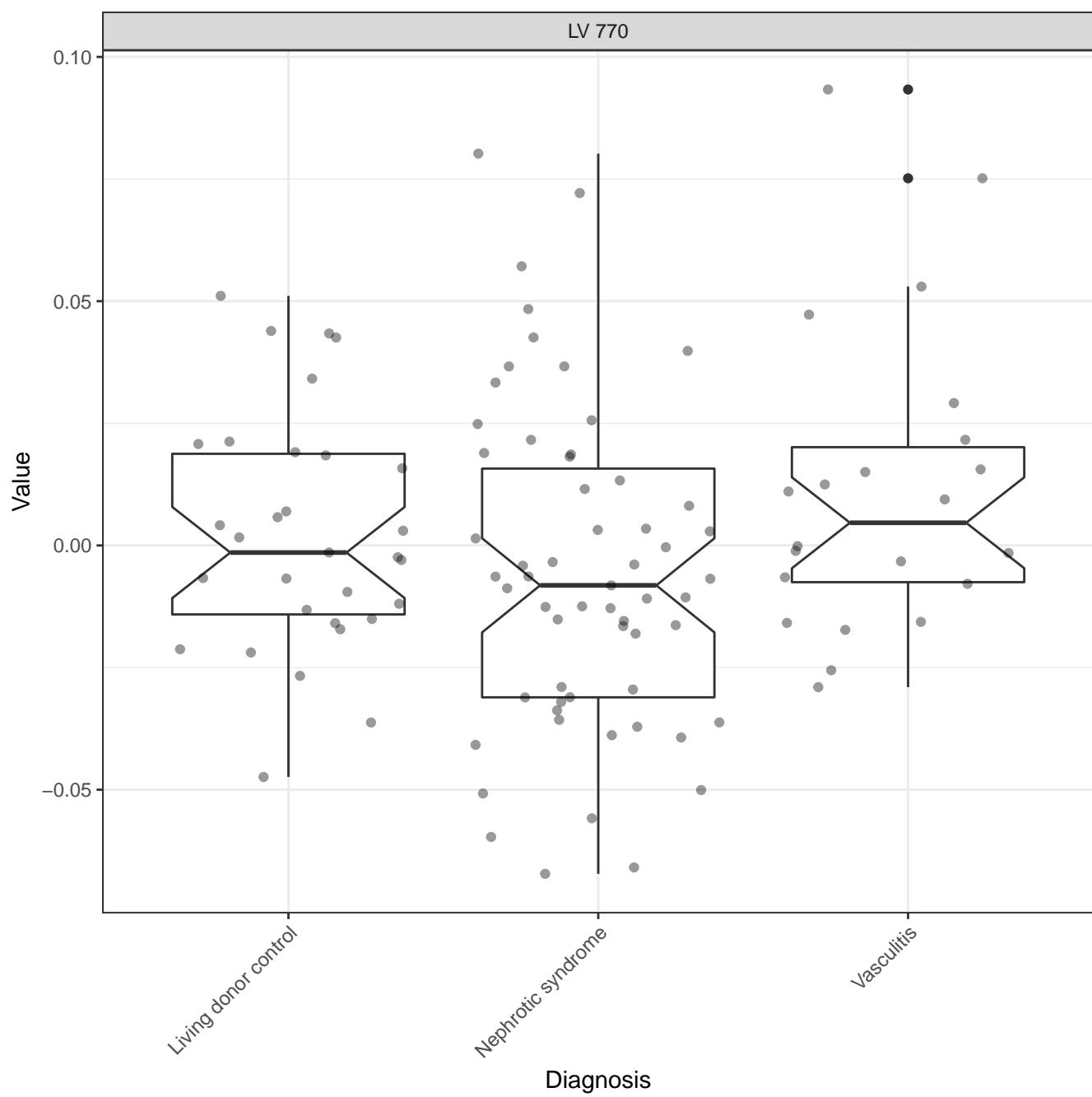
Nephrotic syndrome

Vasculitis

Diagnosis



LV 770



LV 771

Value

0.08

0.04

0.00

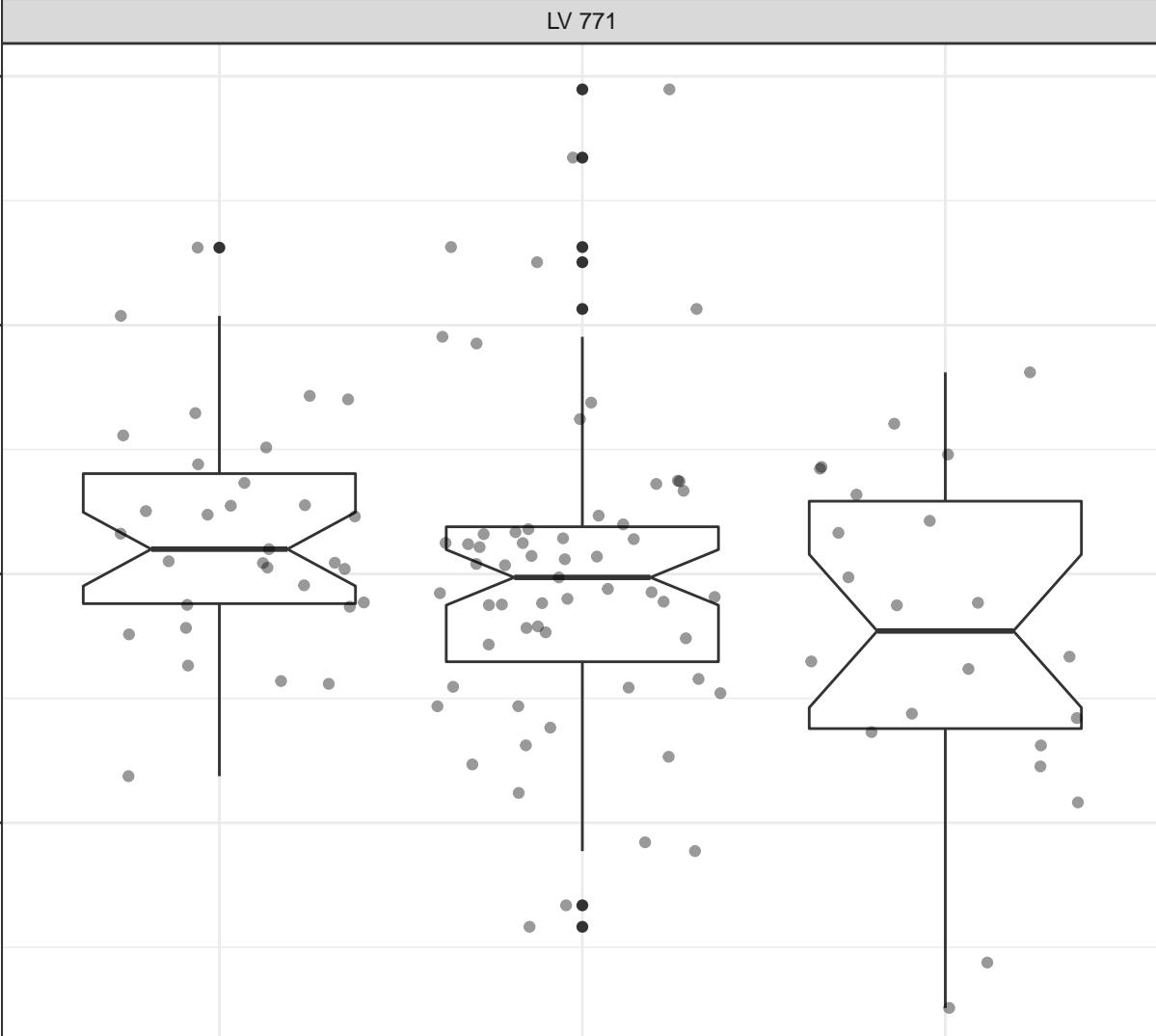
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

-0.05

-0.10

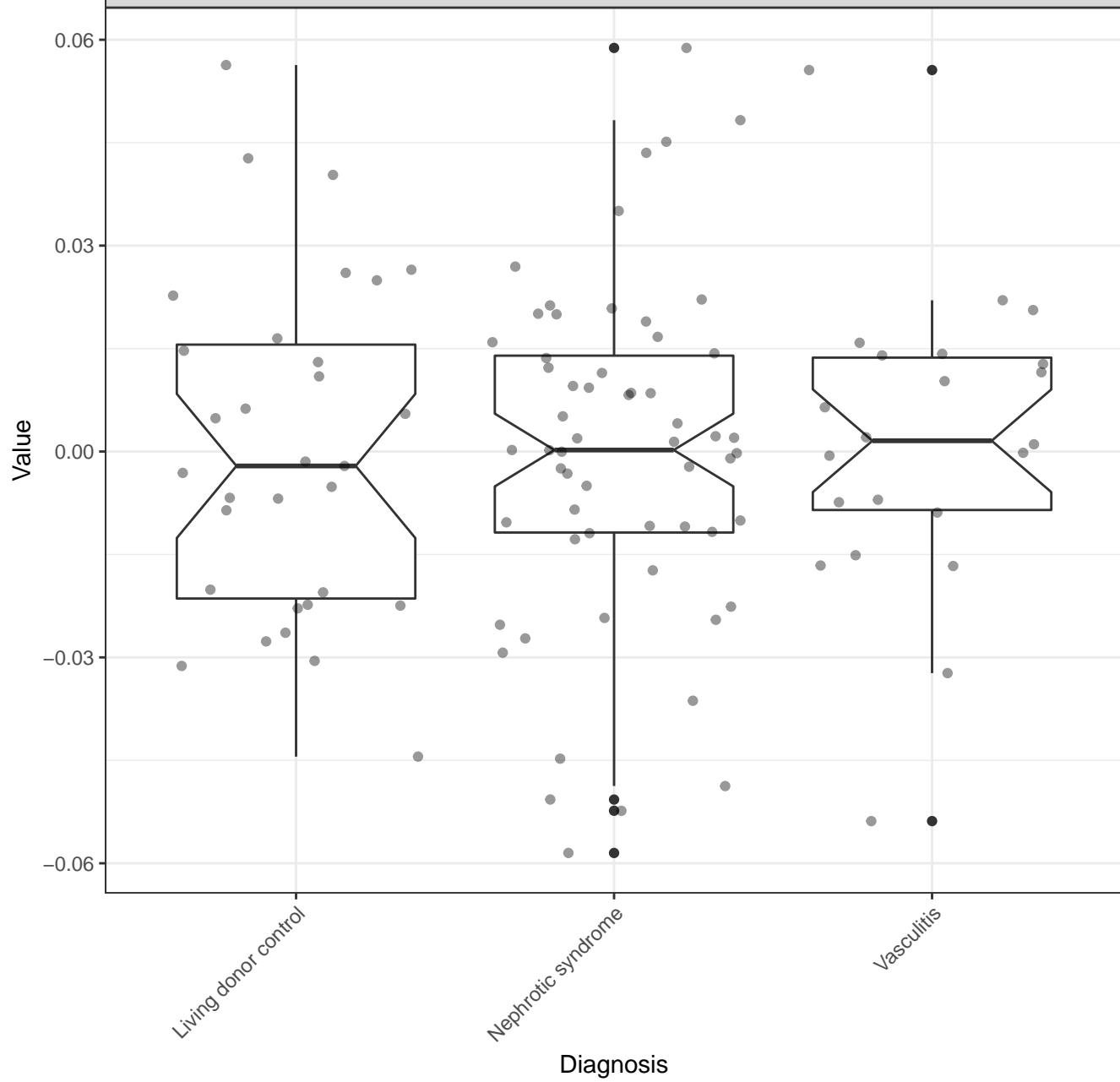
Living donor control

Nephrotic syndrome

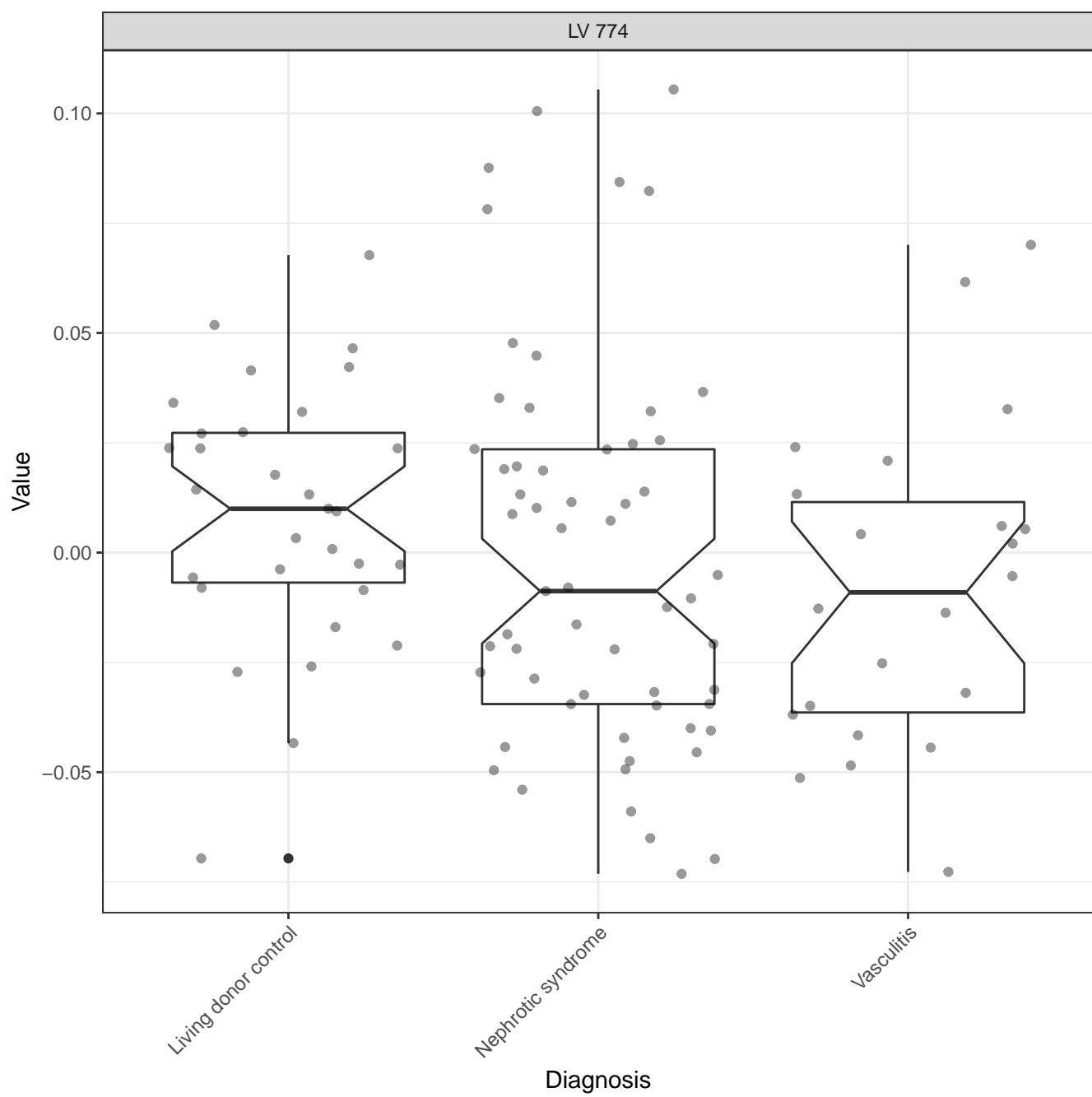
Vasculitis

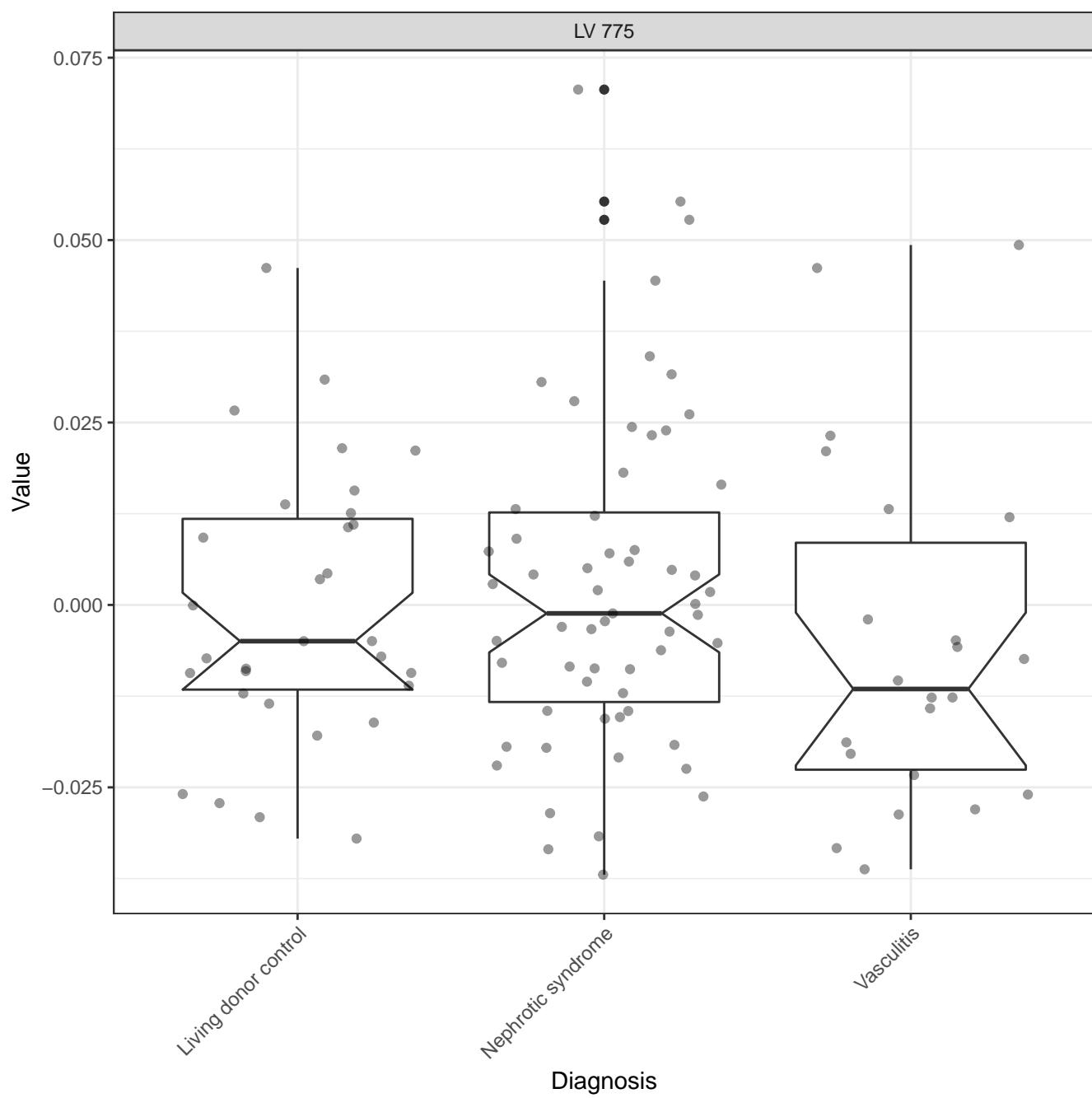
Diagnosis

LV 773



LV 774





LV 776

Value

0.10

0.05

0.00

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

## 777,PID\_P53DOWNSTREAMPATHWAY

Value

0.05

0.00

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 778

Value

0.05

0.00

-0.05

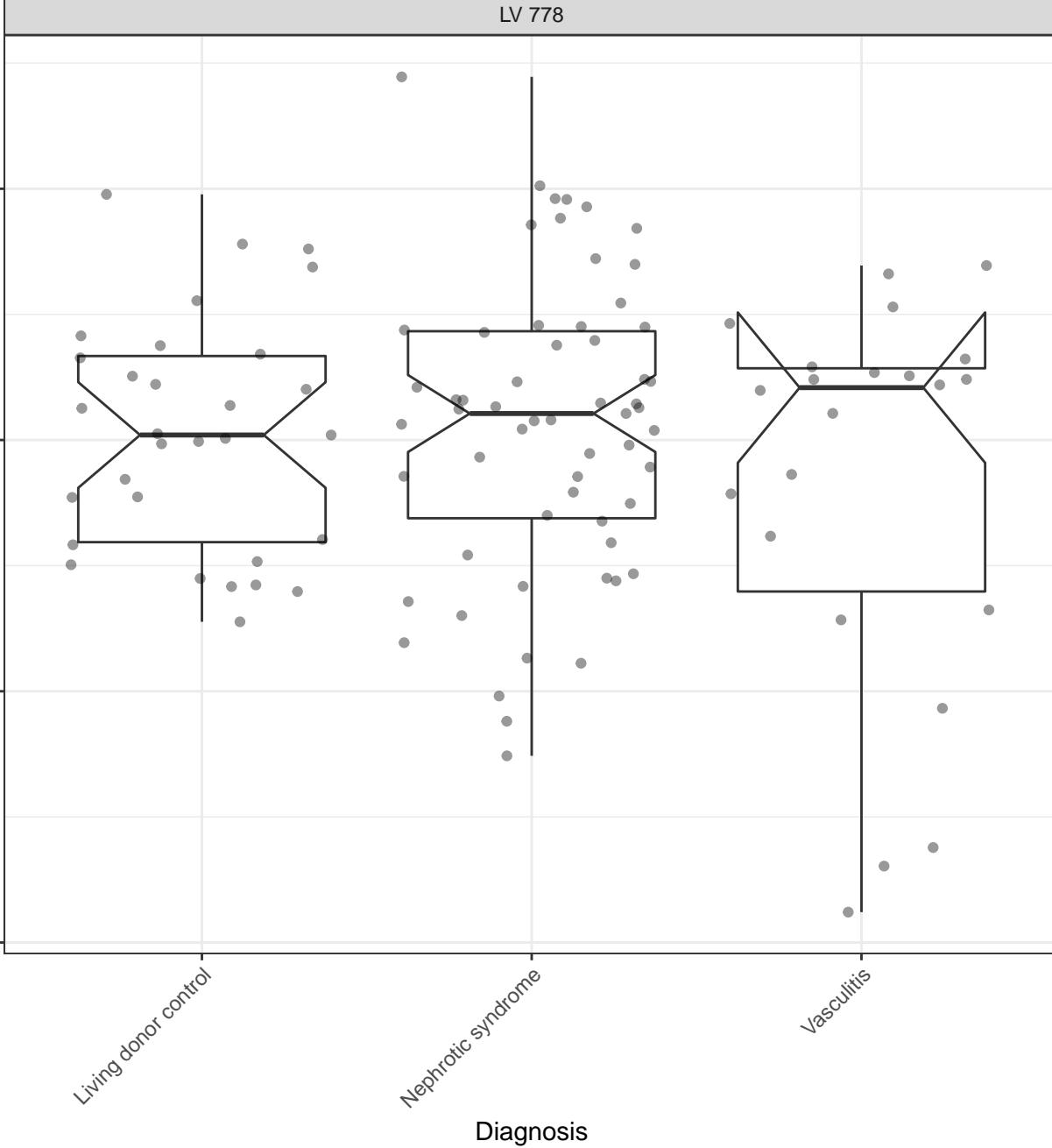
-0.10

Living donor control

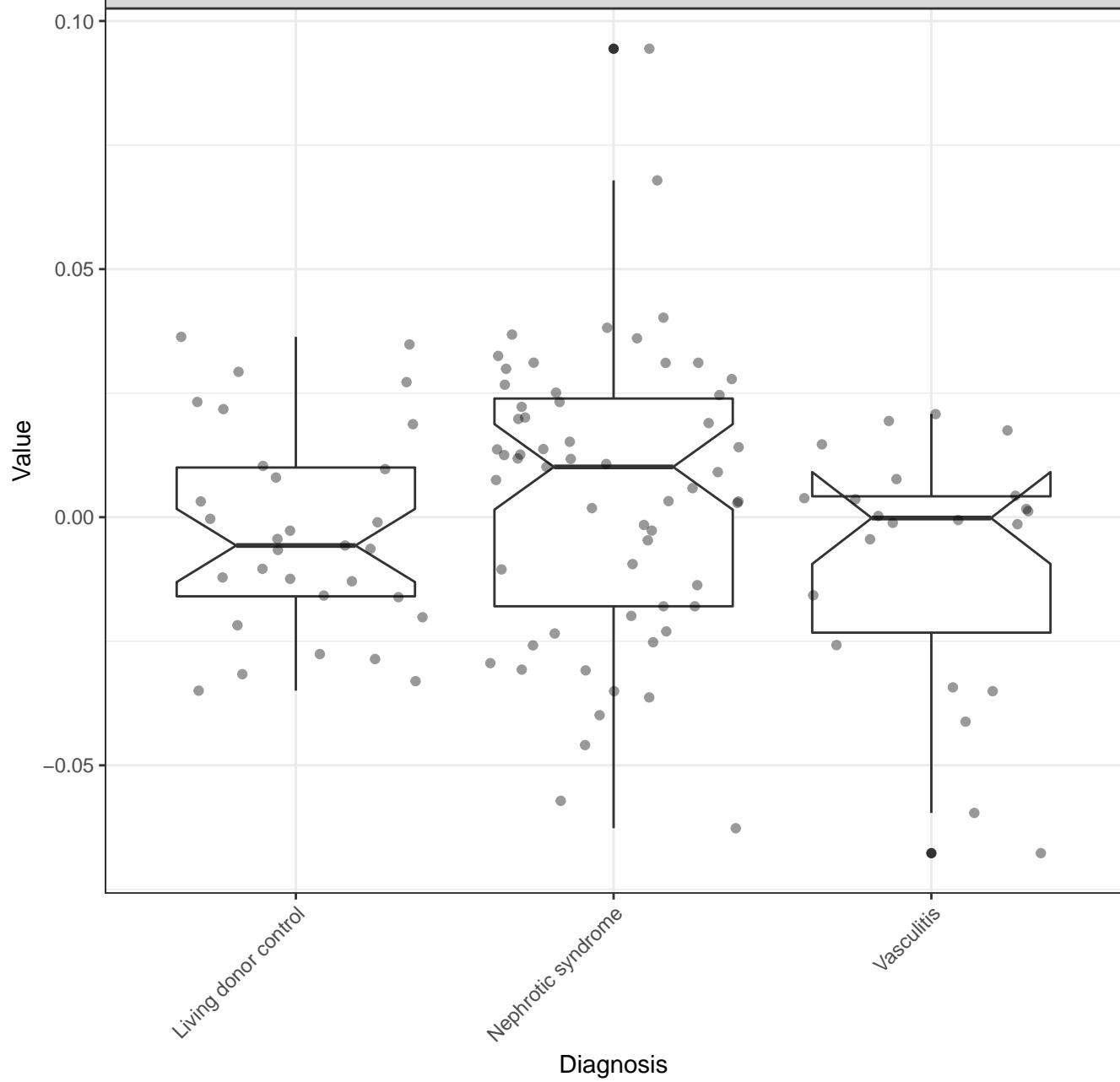
Nephrotic syndrome

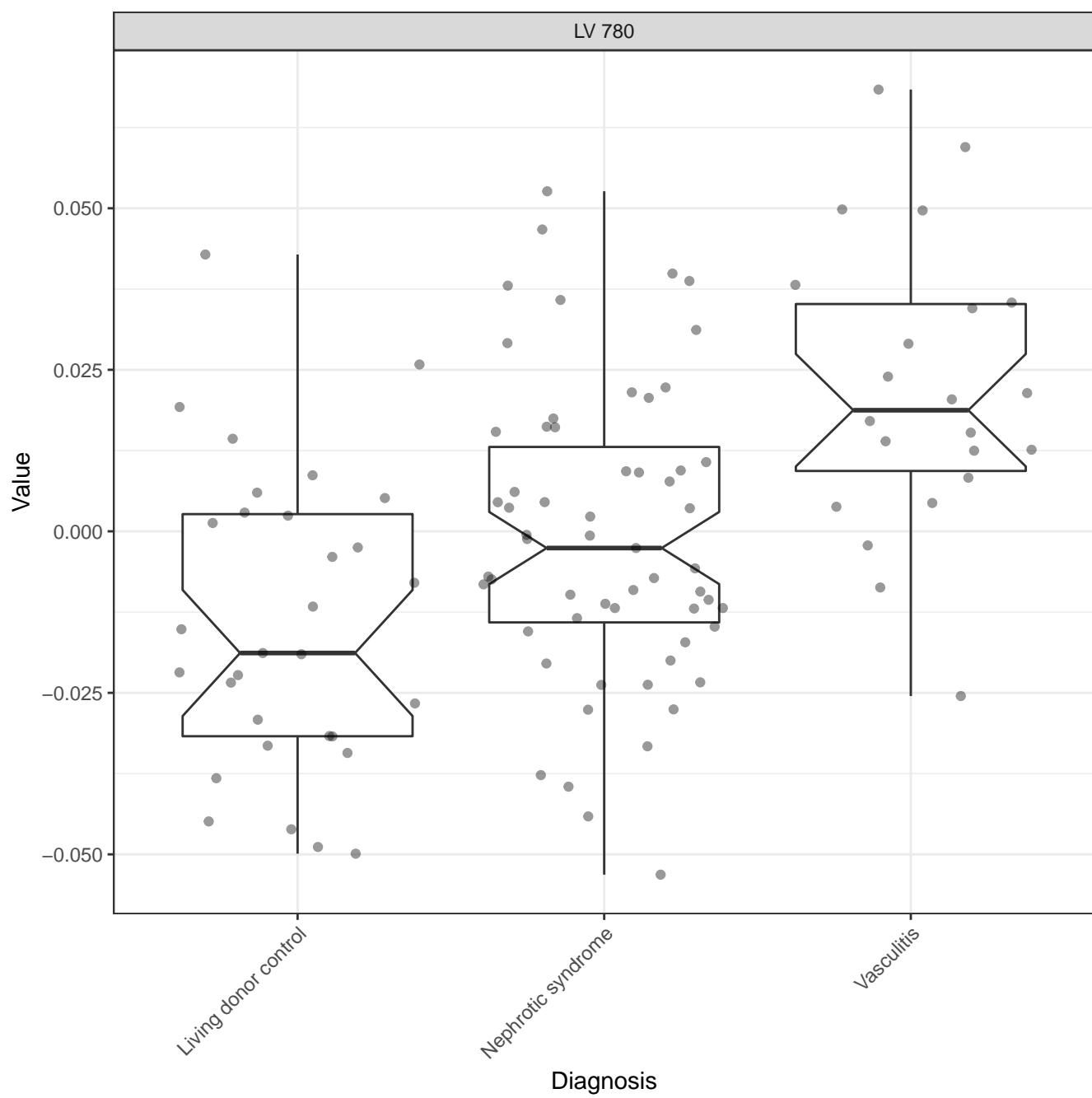
Vasculitis

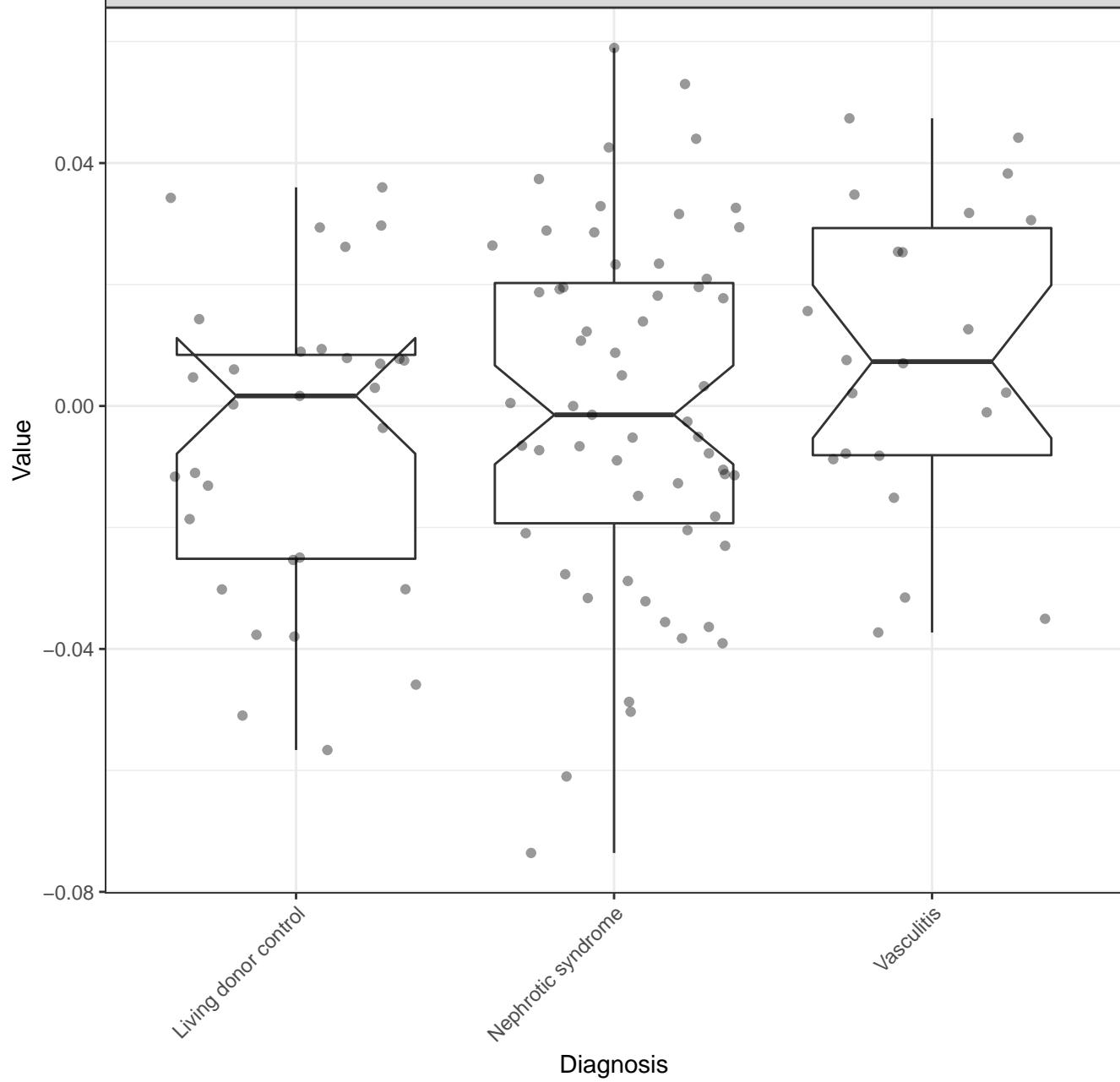
Diagnosis



LV 779







LV 782

Value

0.05

0.00

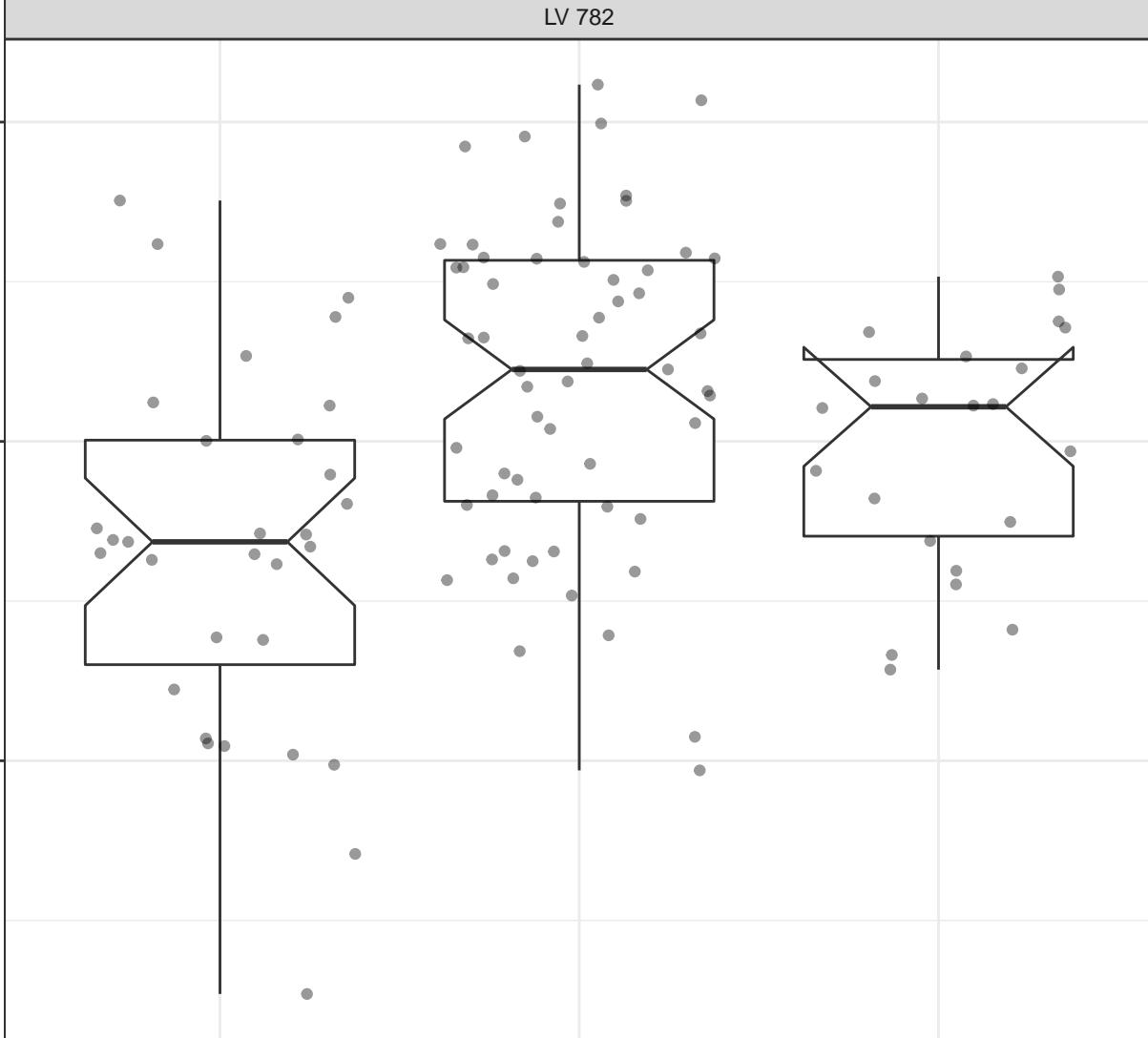
-0.05

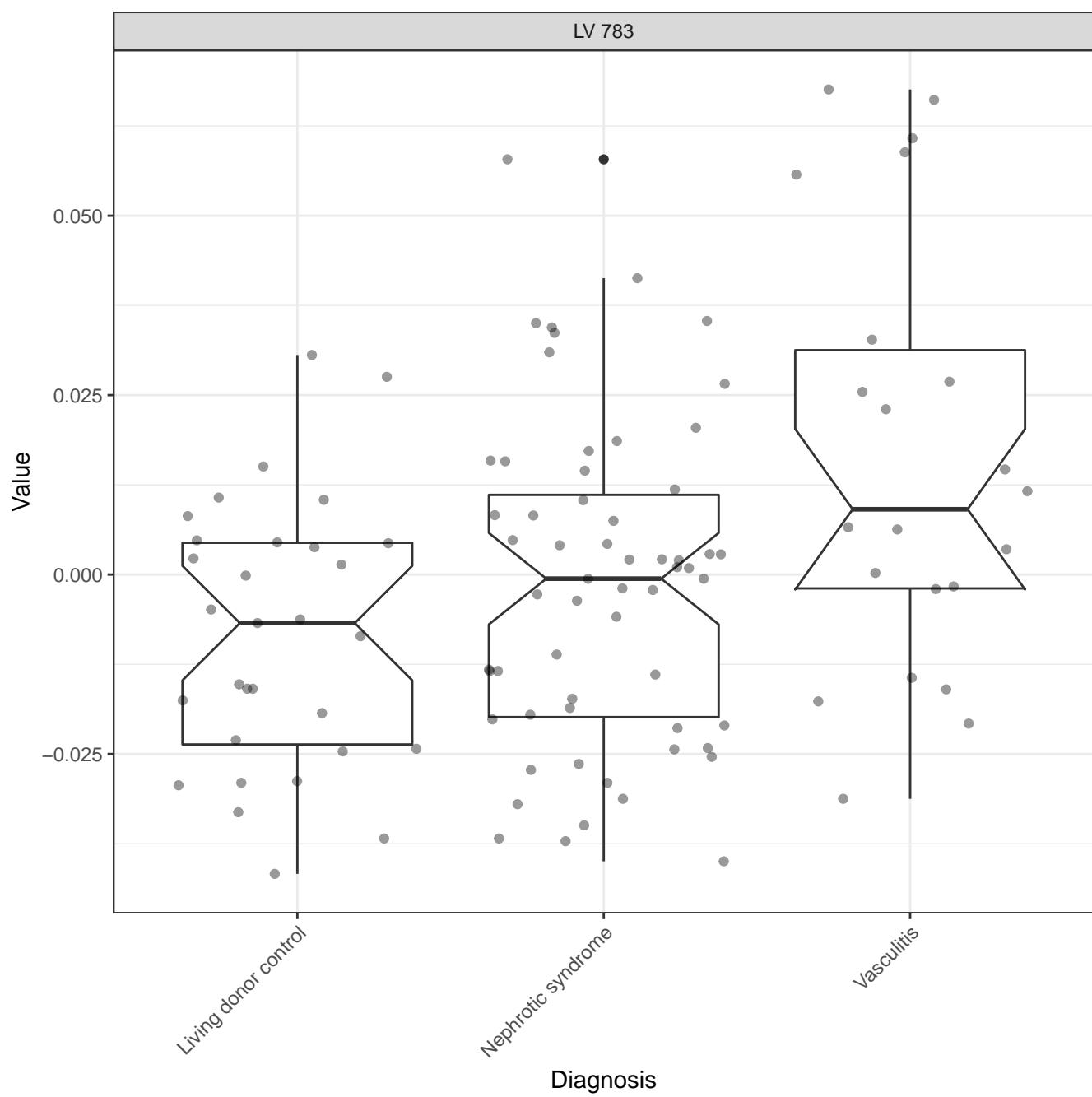
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 784

Value

0.05

0.00

-0.05

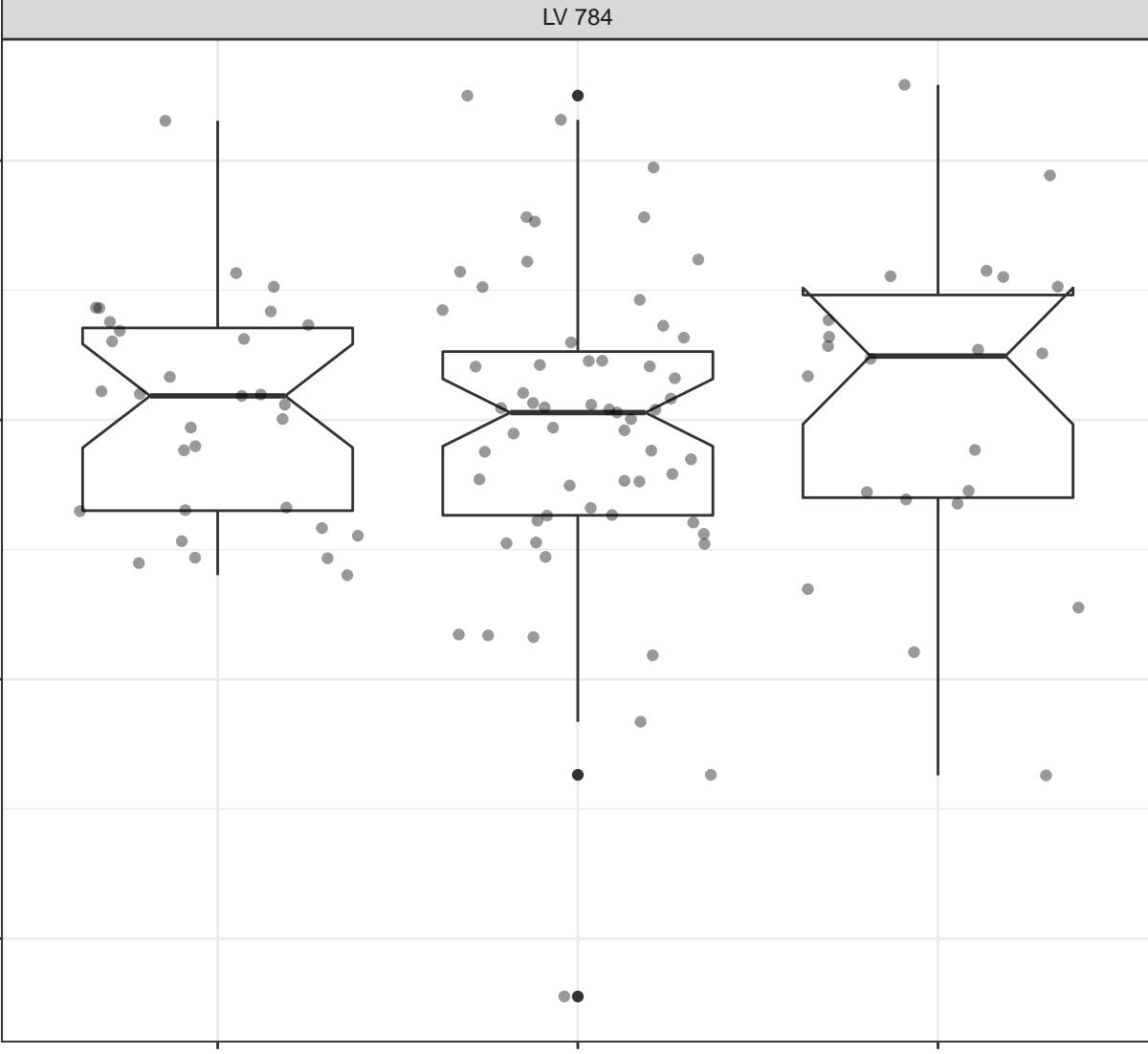
-0.10

Living donor control

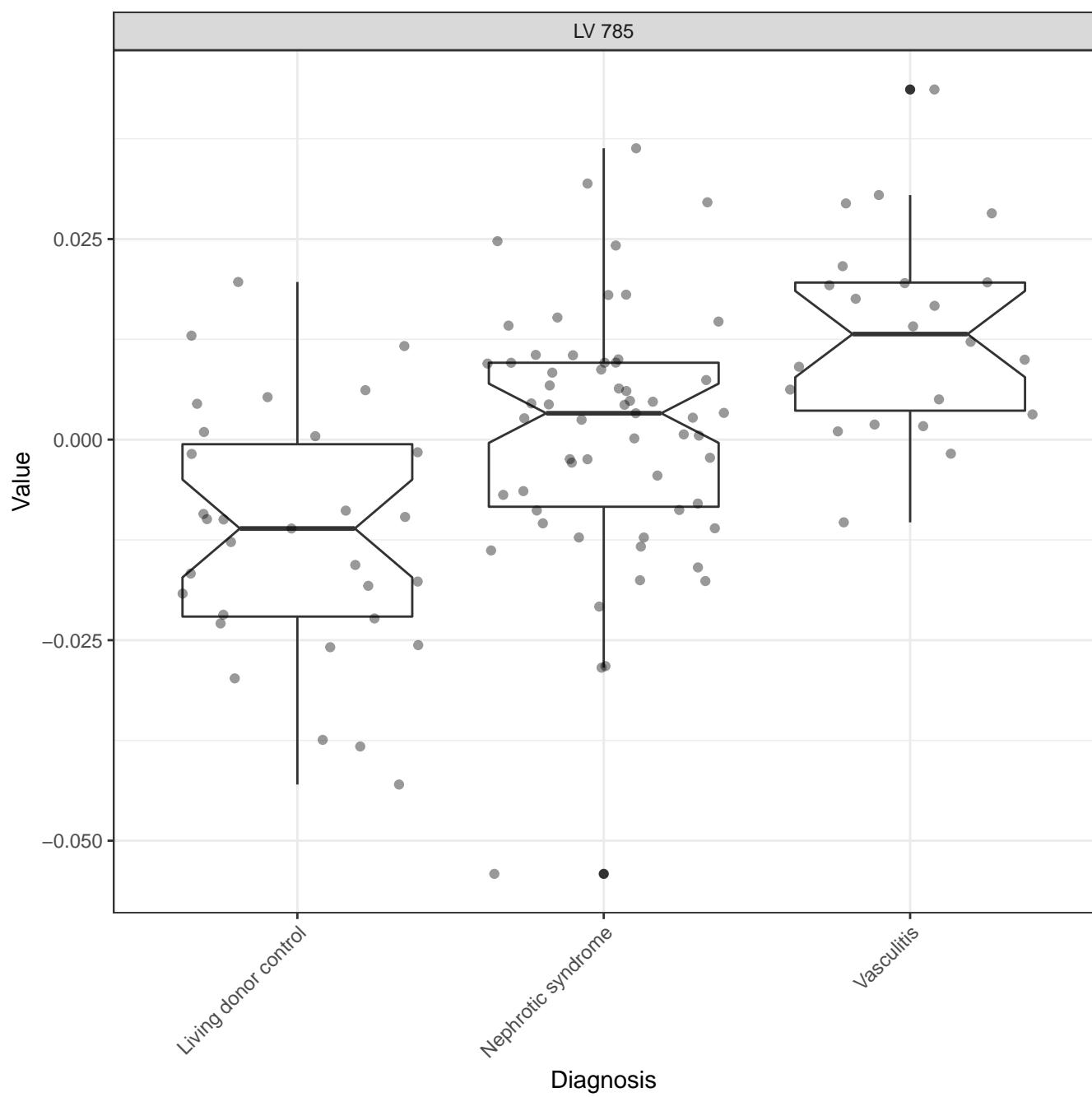
Nephrotic syndrome

Vasculitis

Diagnosis



LV 785



LV 786

Value

0.04

0.00

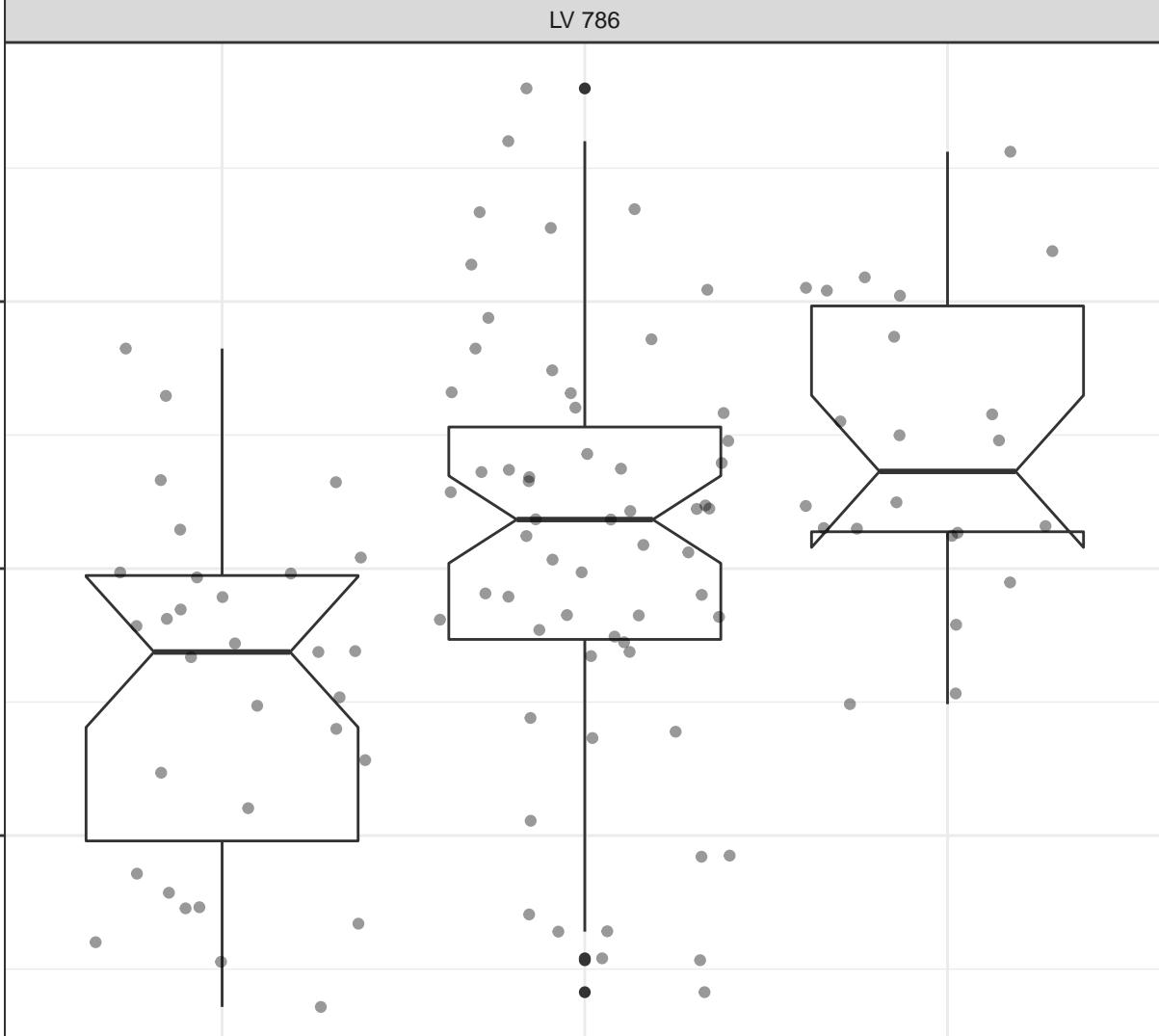
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.1

0.0

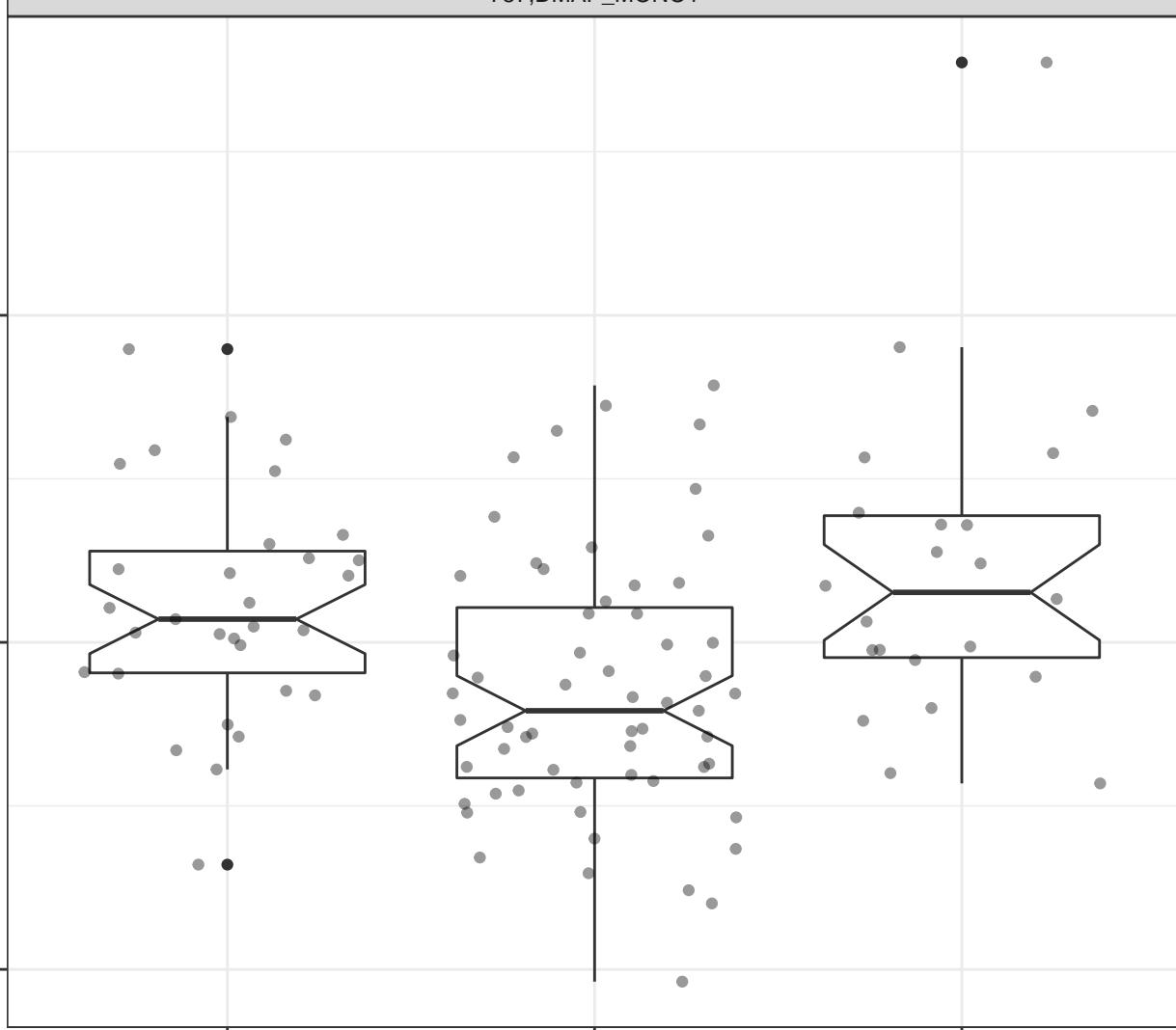
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 788

Value

0.08

0.04

0.00

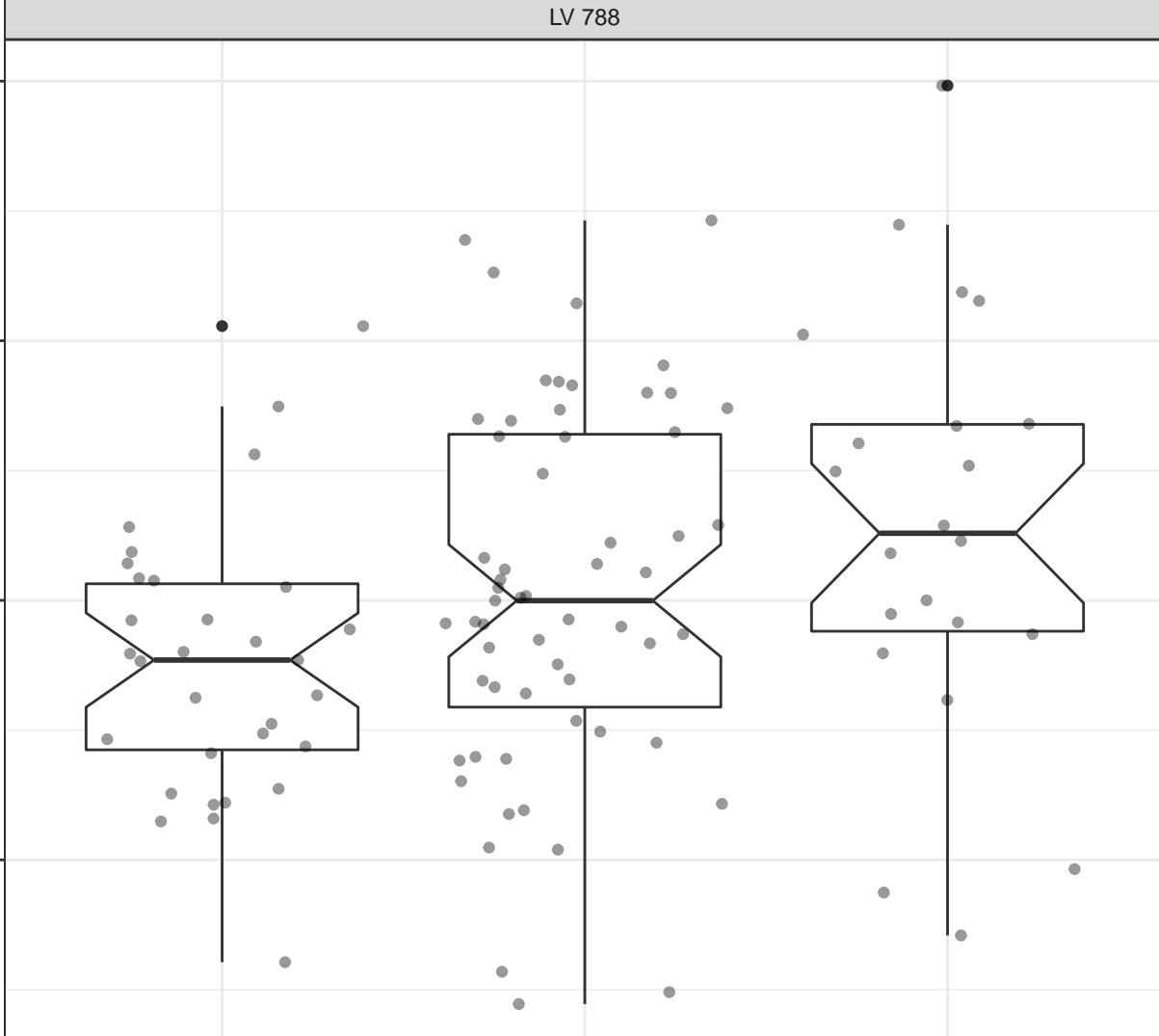
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.03

0.01

-0.01

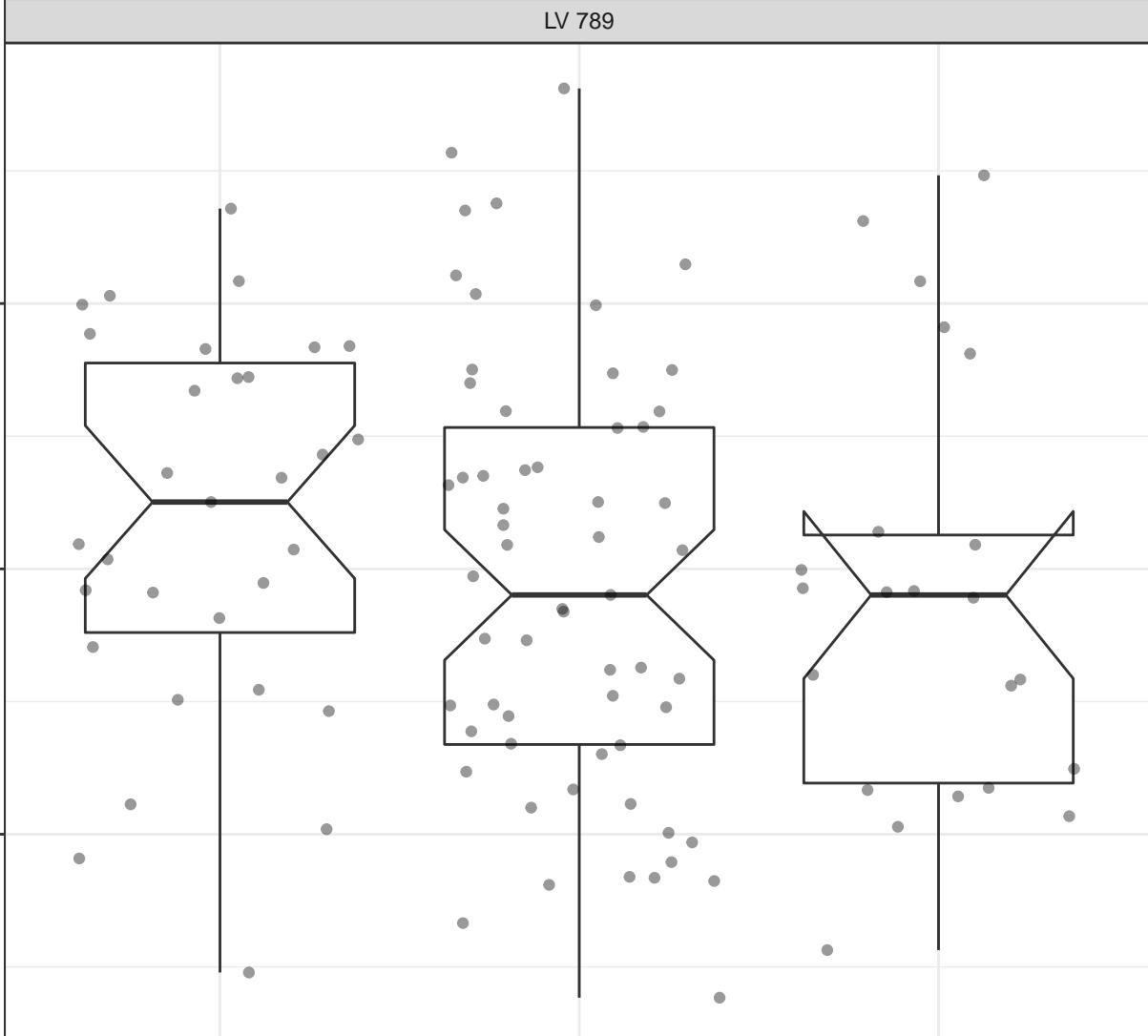
-0.03

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.1

0.0

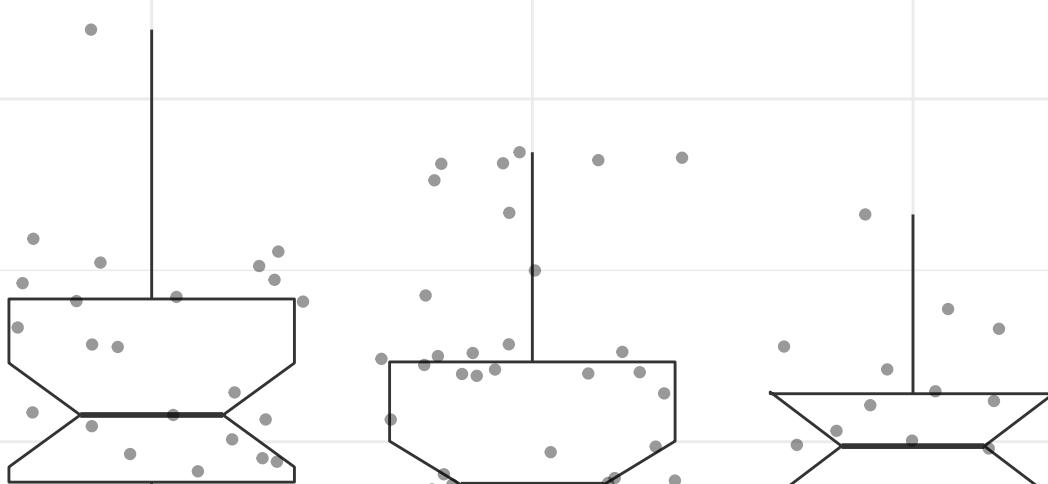
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 791

Value

0.050

0.025

0.000

-0.025

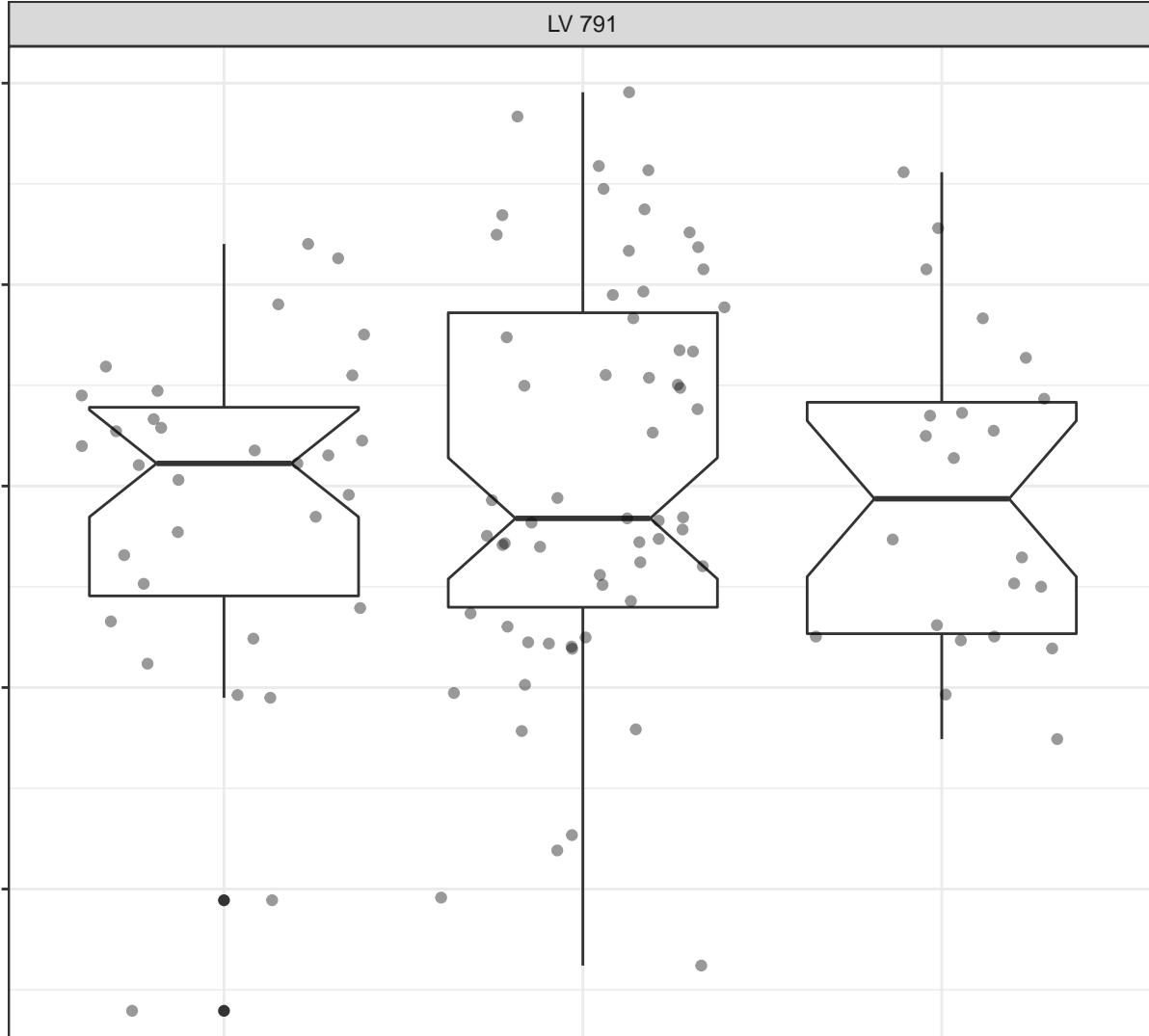
-0.050

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

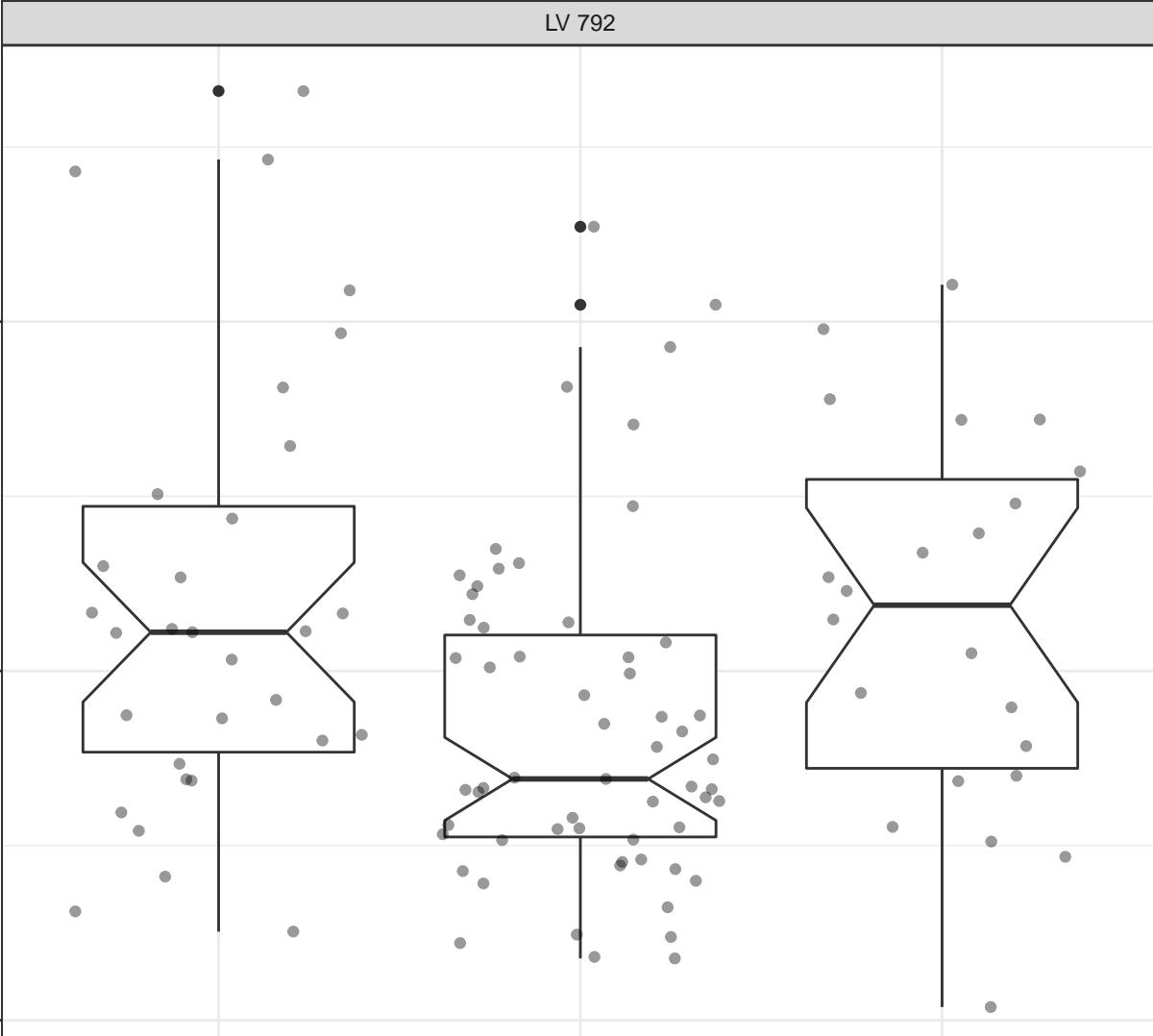
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 793

Value

0.05

0.00

-0.05

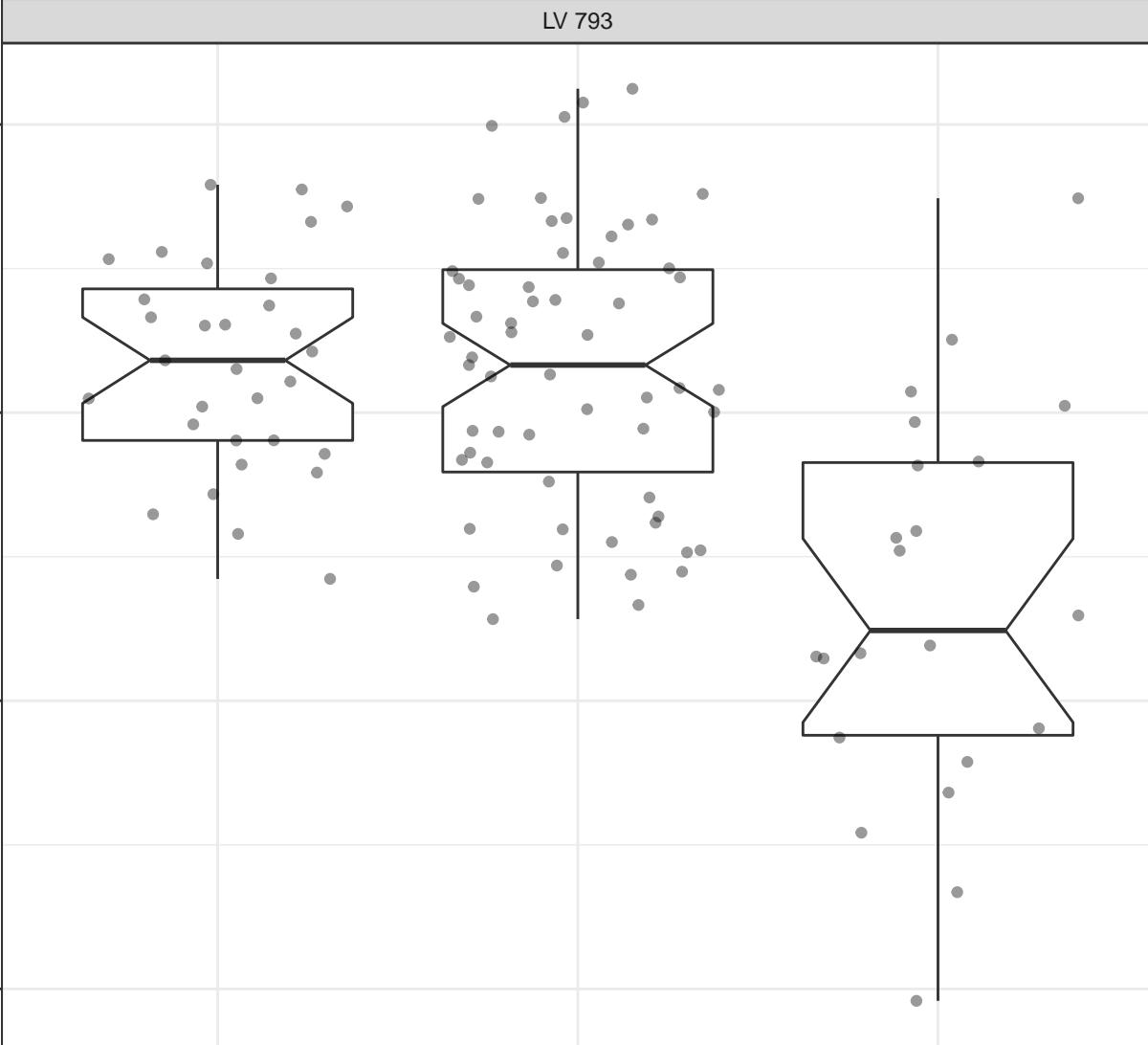
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.02

0.00

-0.02

-0.04

-0.06

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 795

Value

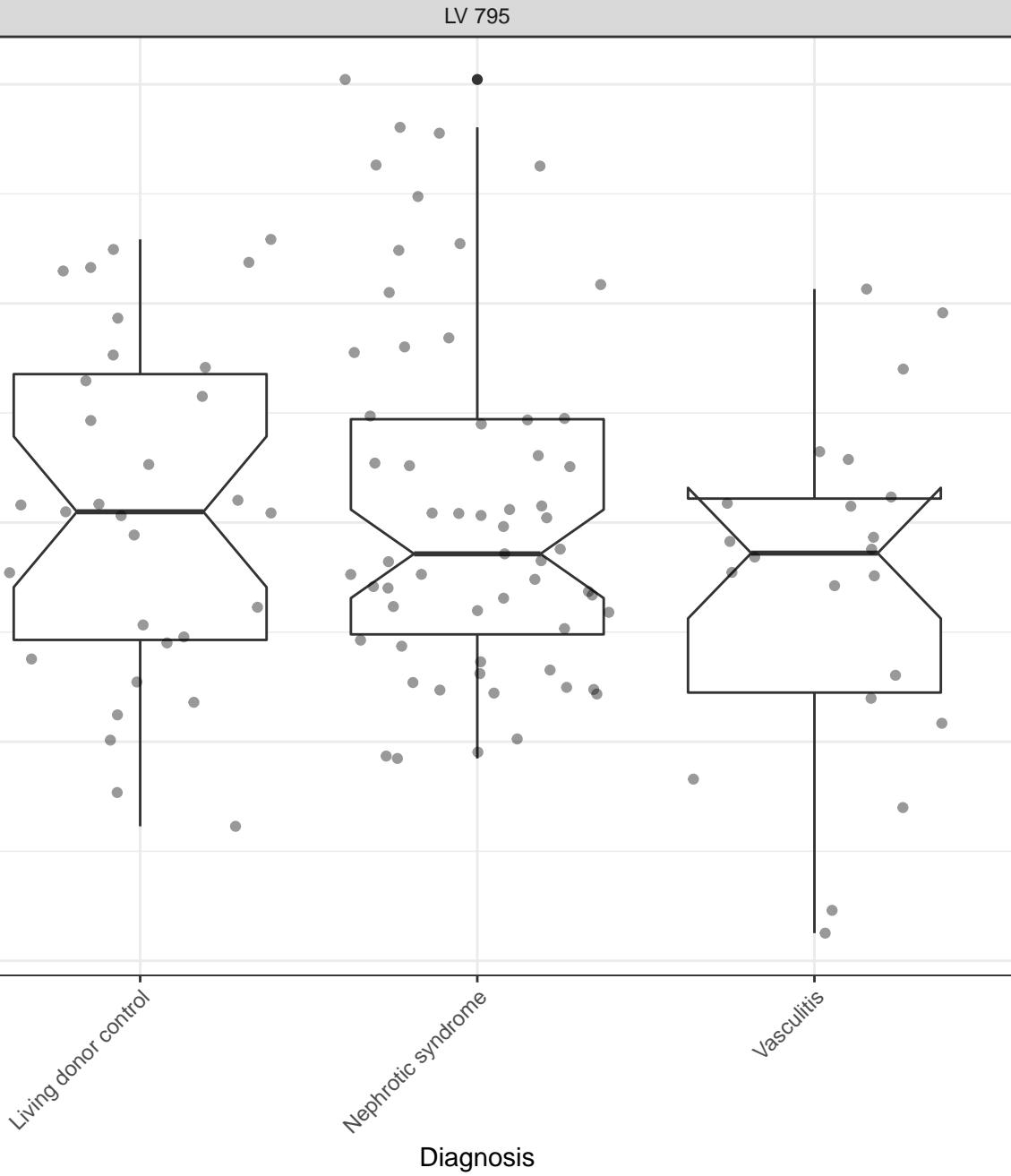
0.06  
0.03  
0.00  
-0.03  
-0.06

Living donor control

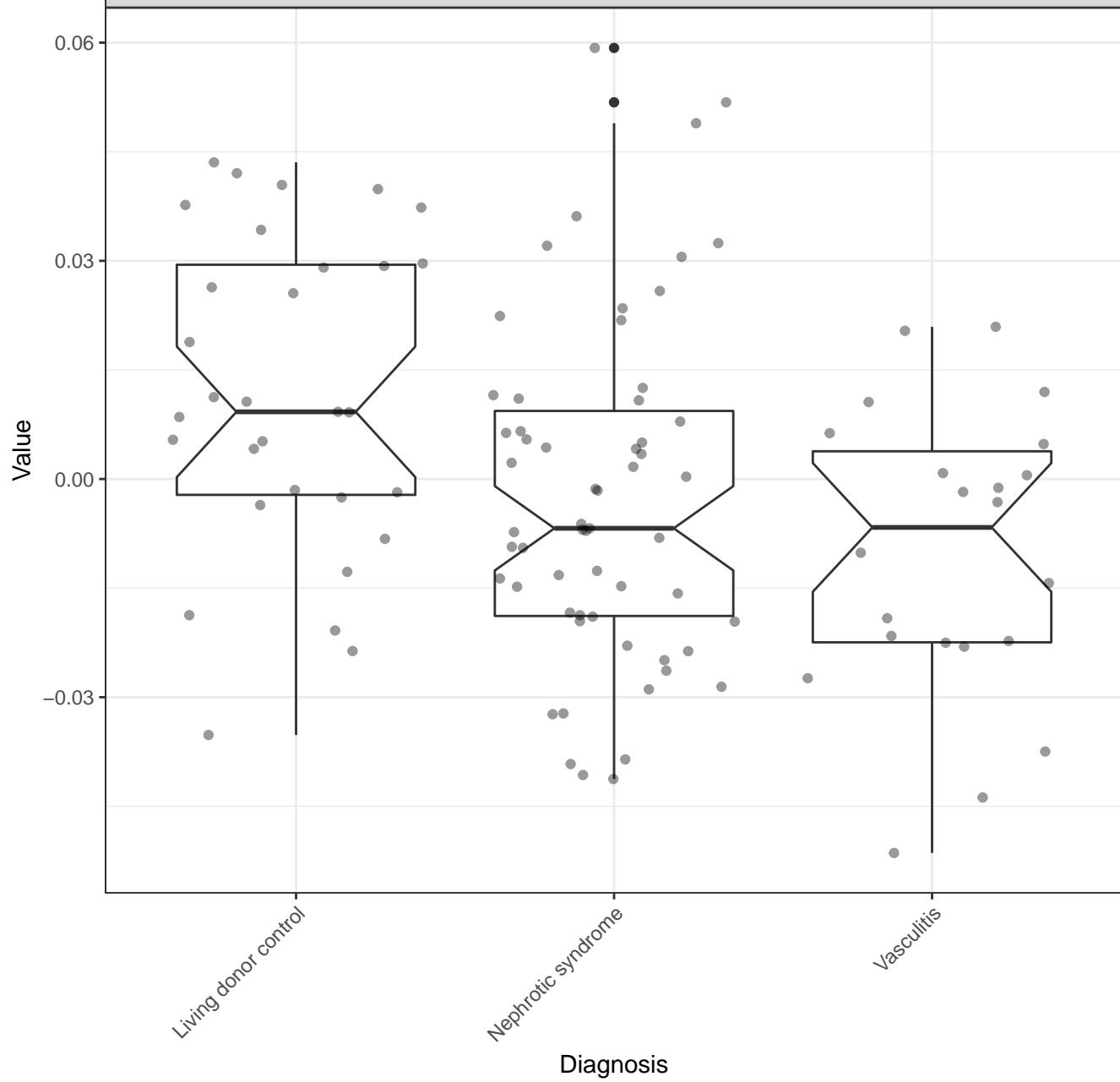
Nephrotic syndrome

Vasculitis

Diagnosis



LV 796



Value

0.10

0.05

0.00

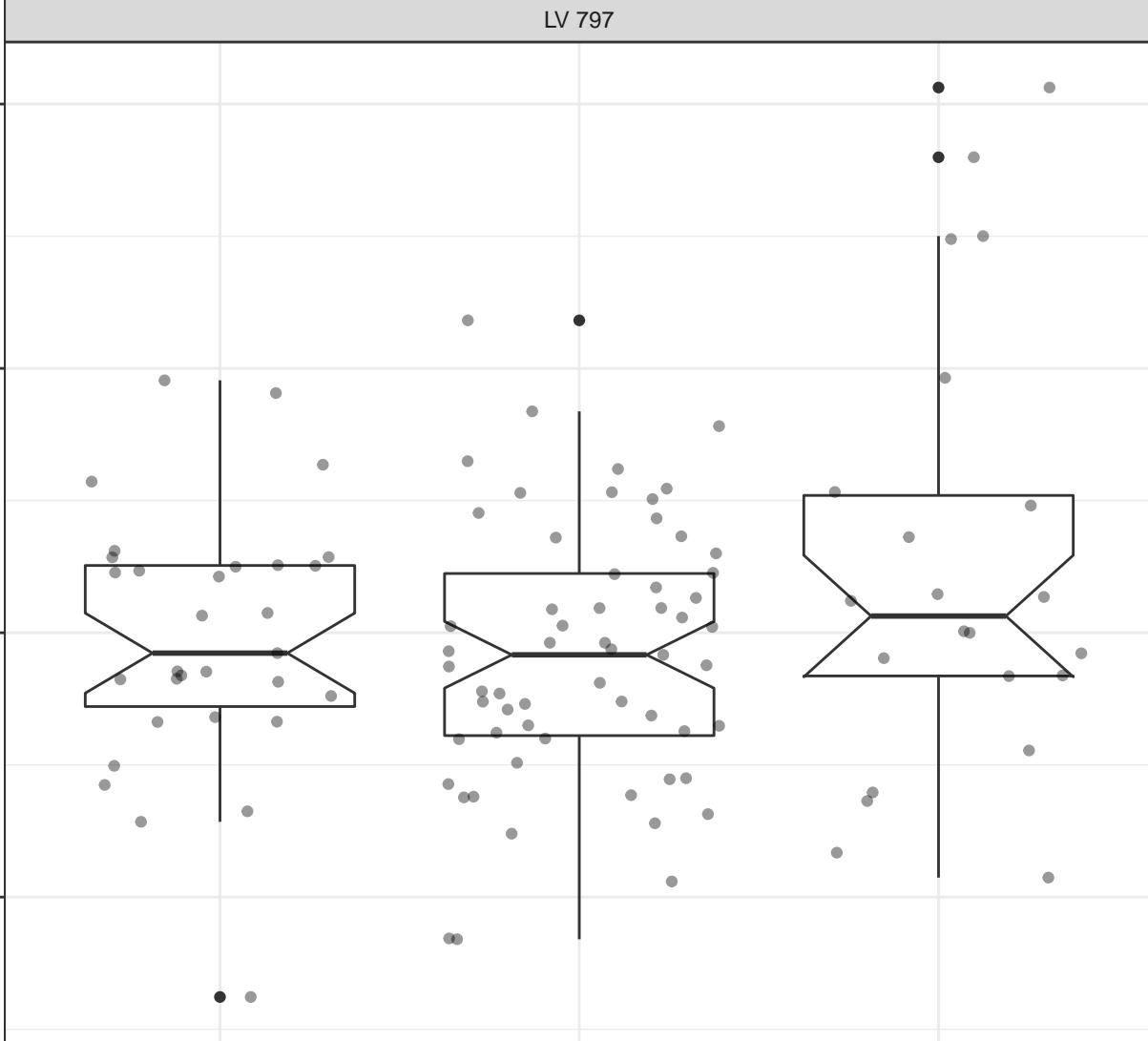
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 798

Value

0.04

0.00

-0.04

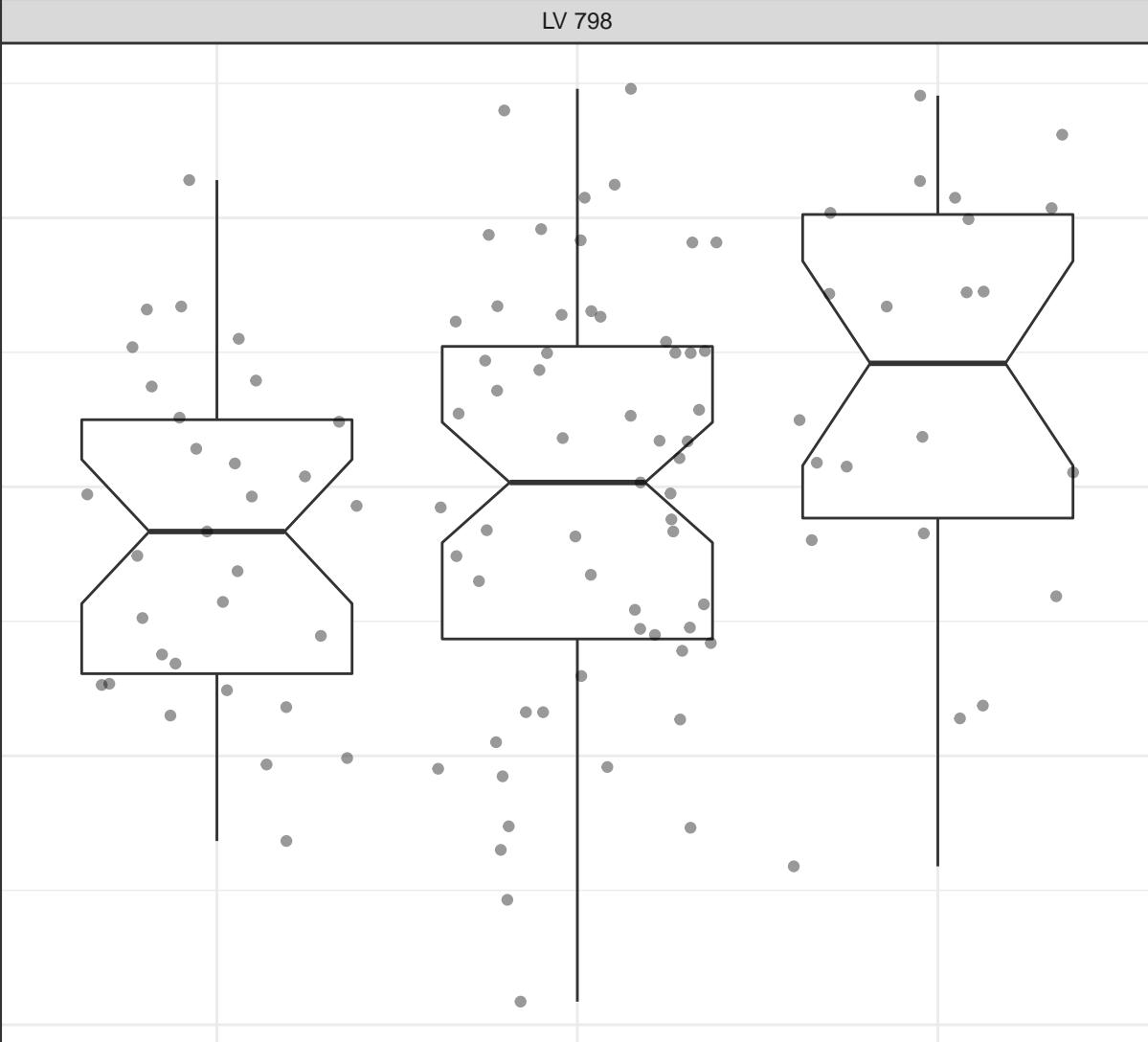
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 799

Value

0.04

0.00

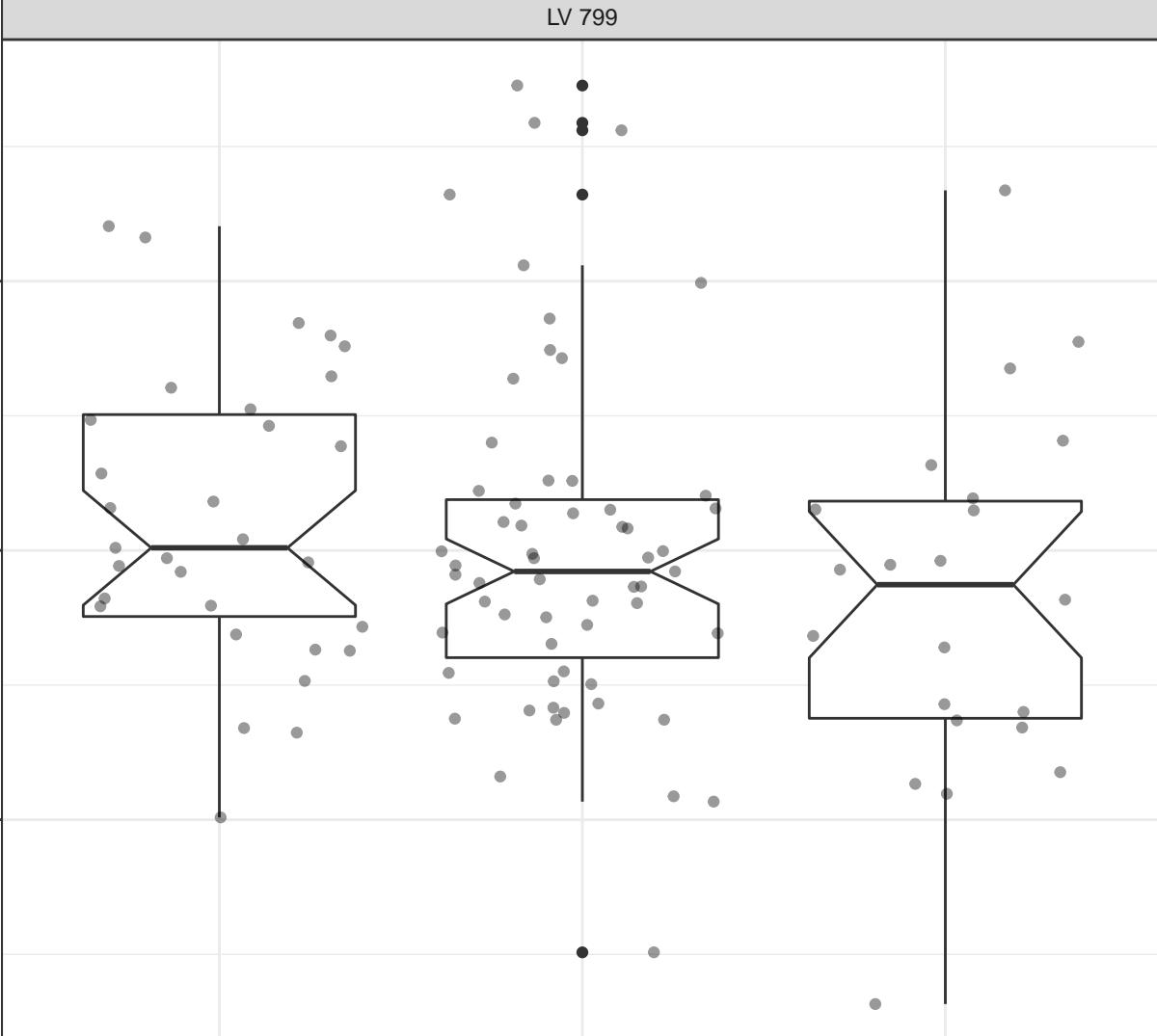
-0.04

Living donor control

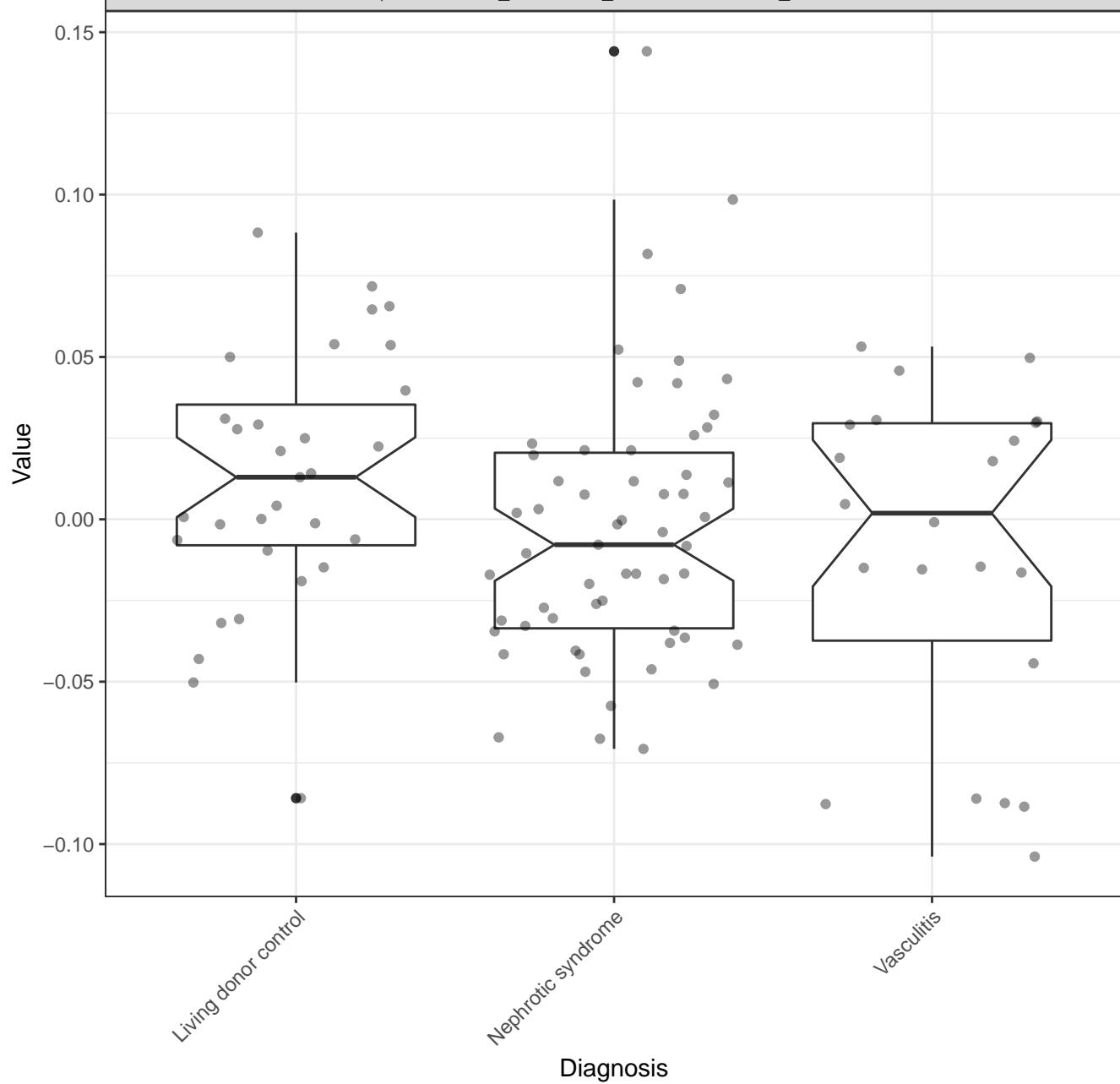
Nephrotic syndrome

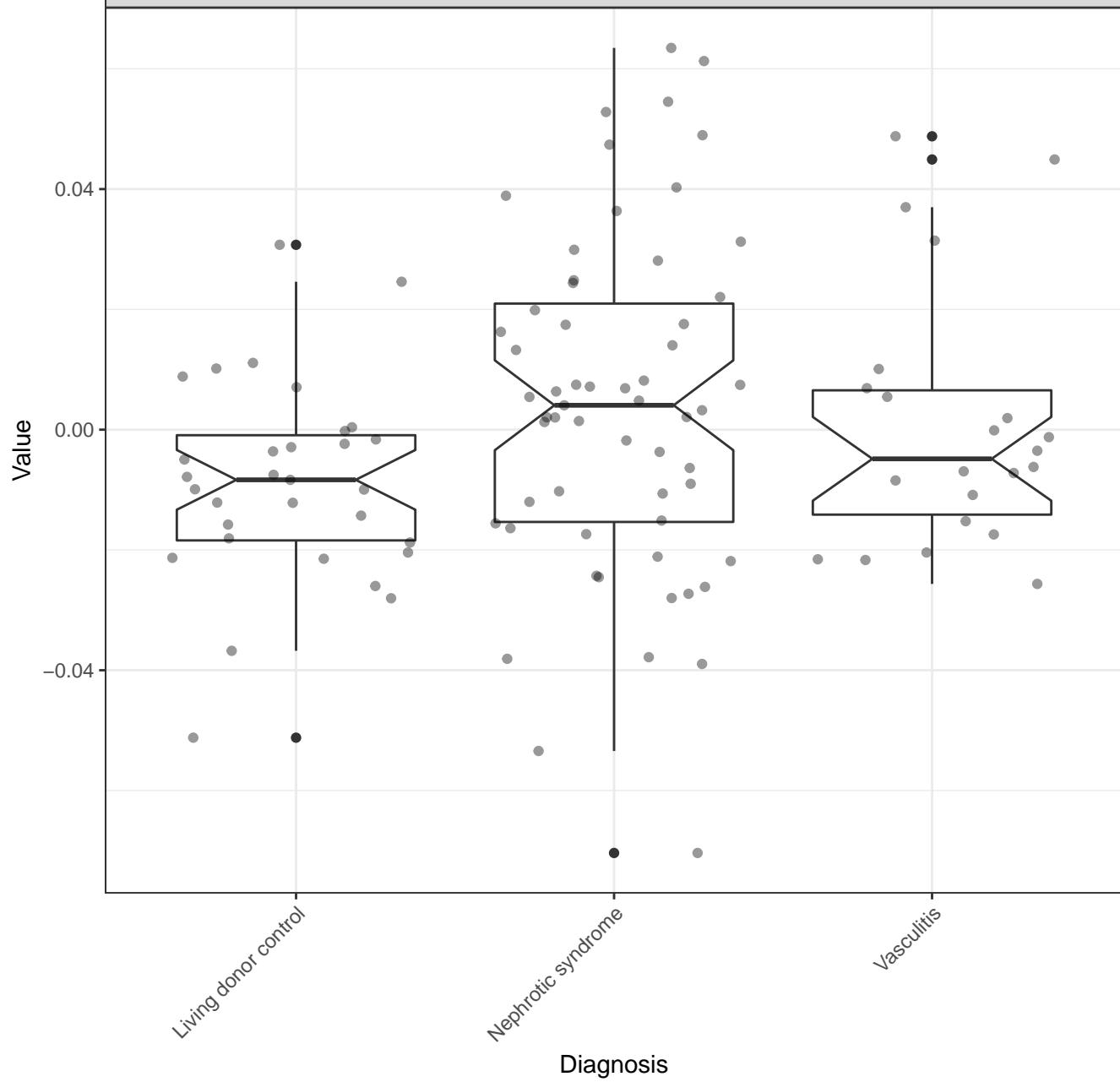
Vasculitis

Diagnosis

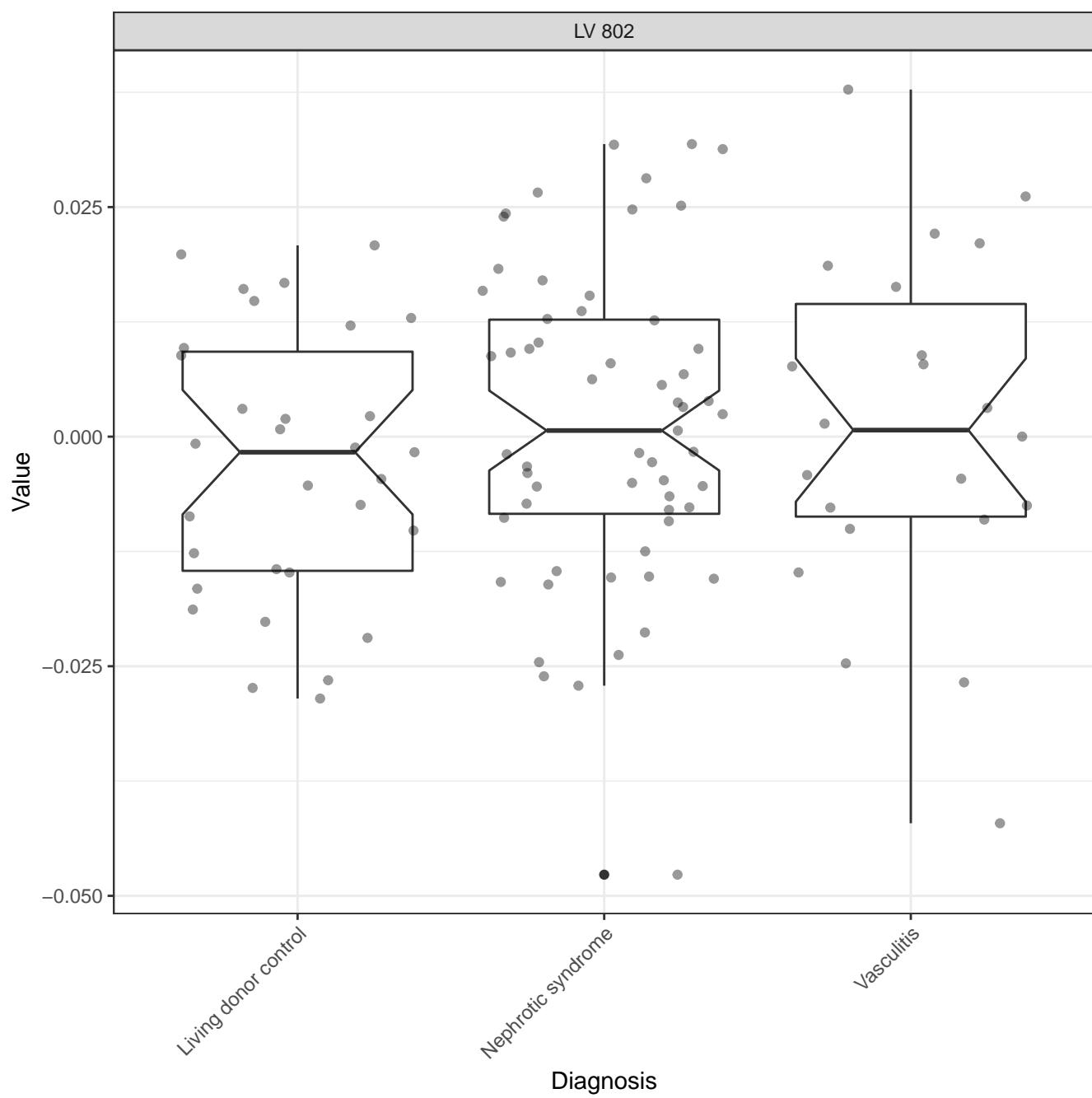


# 800,REACTOME\_GENERIC\_TRANSSCRIPTION\_PATHWAY

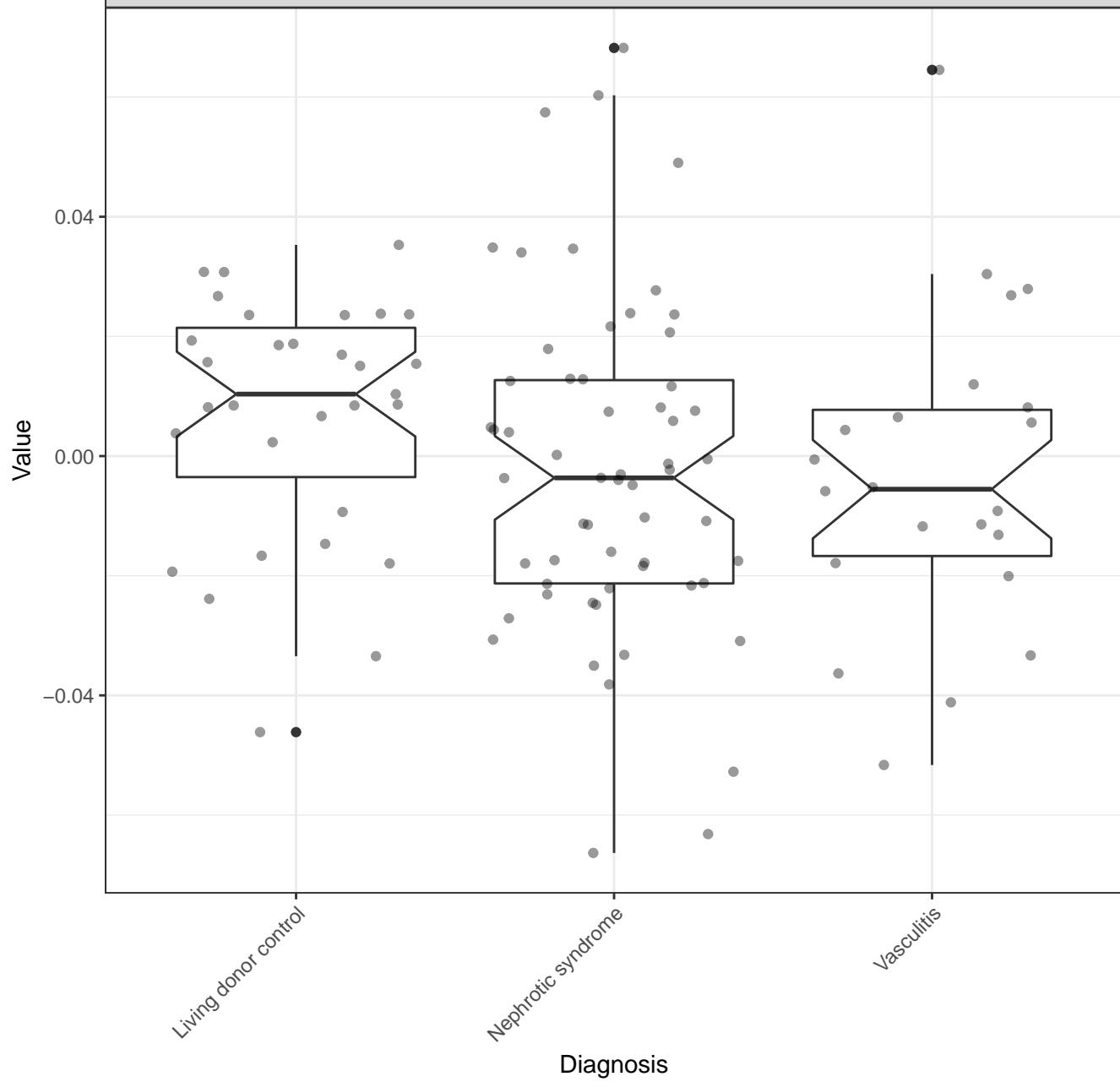




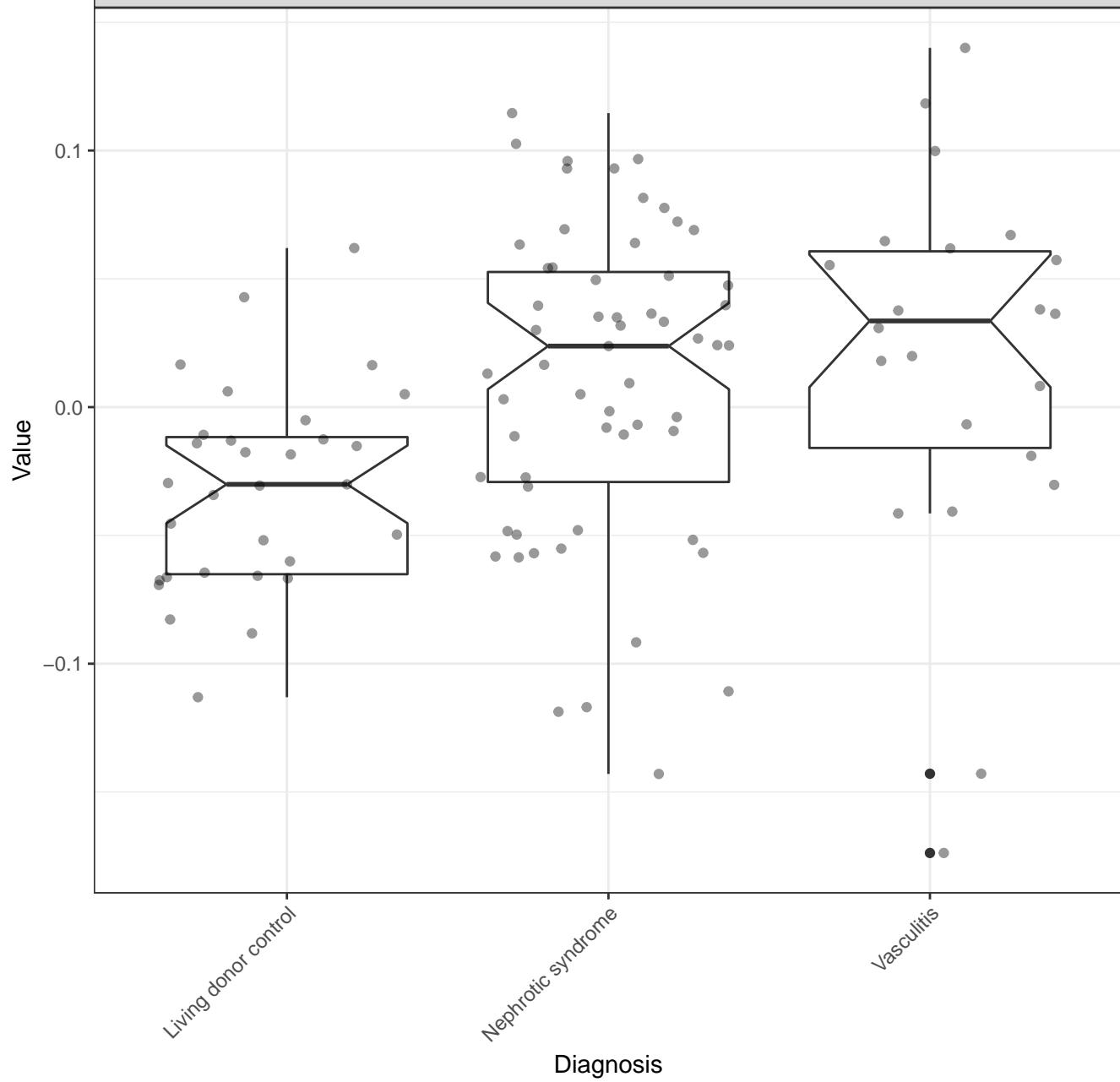
LV 802



LV 803



LV 804



Value

0.05

0.00

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

## LV 806

Value

0.10

0.05

0.00

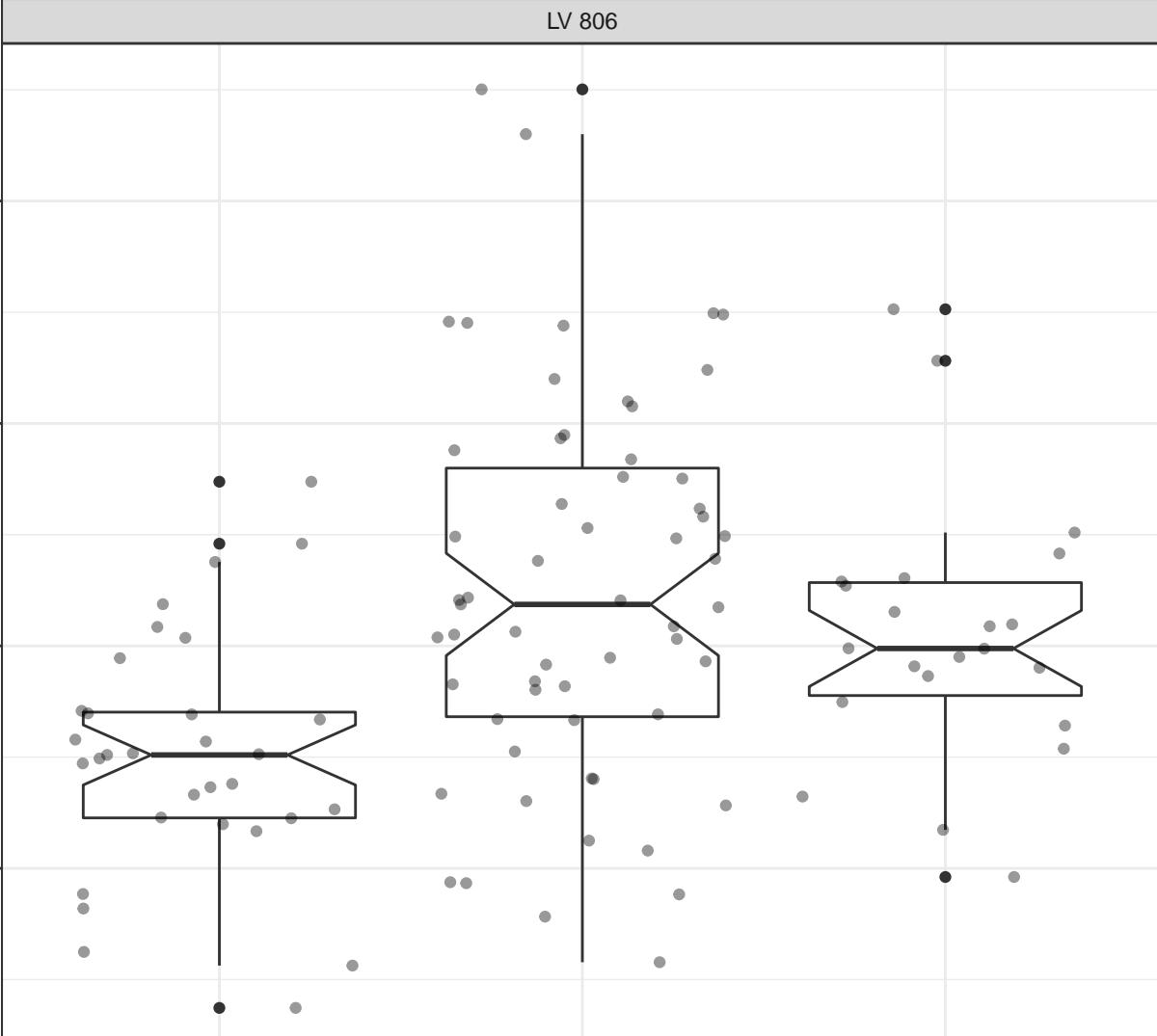
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

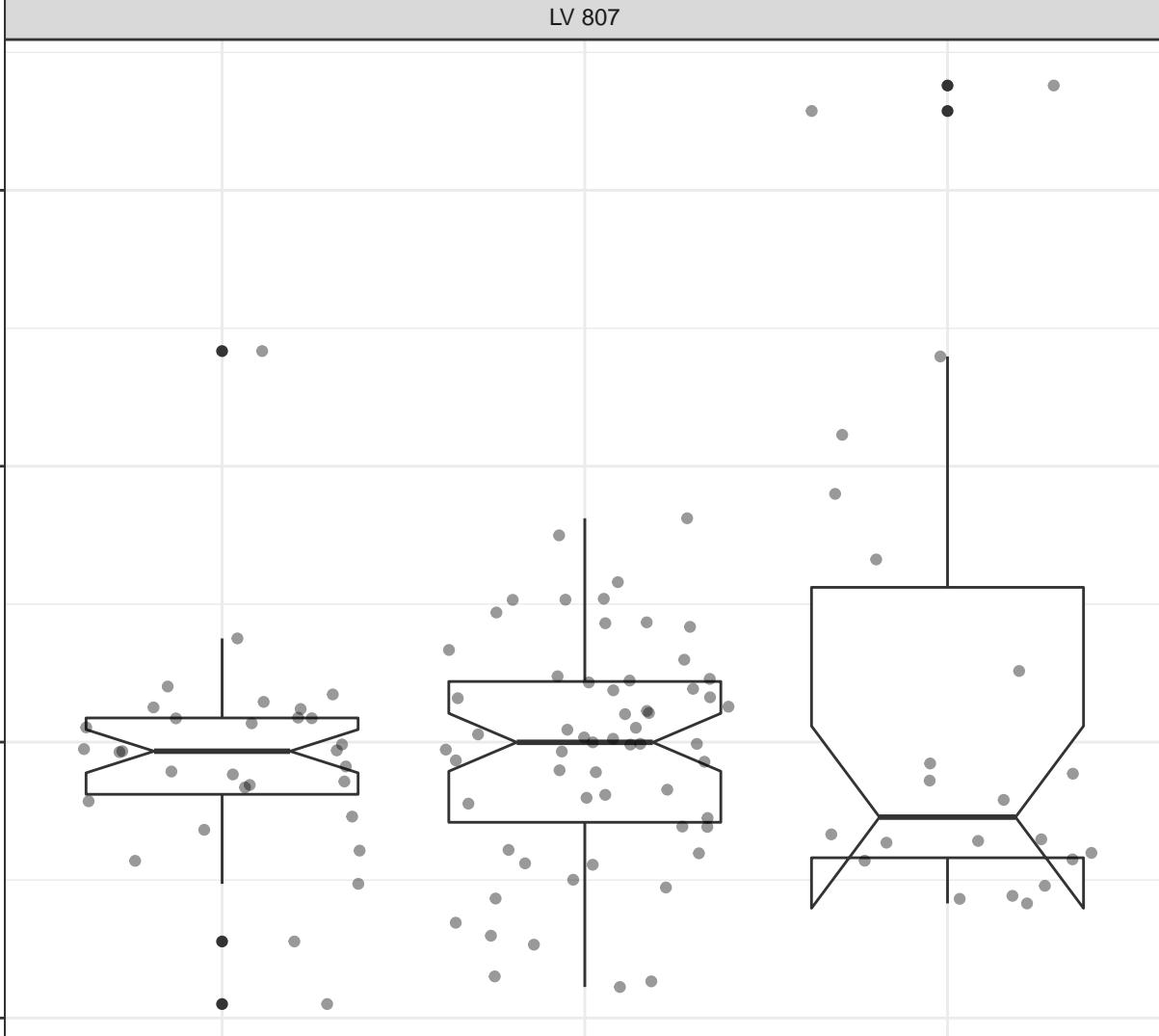
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

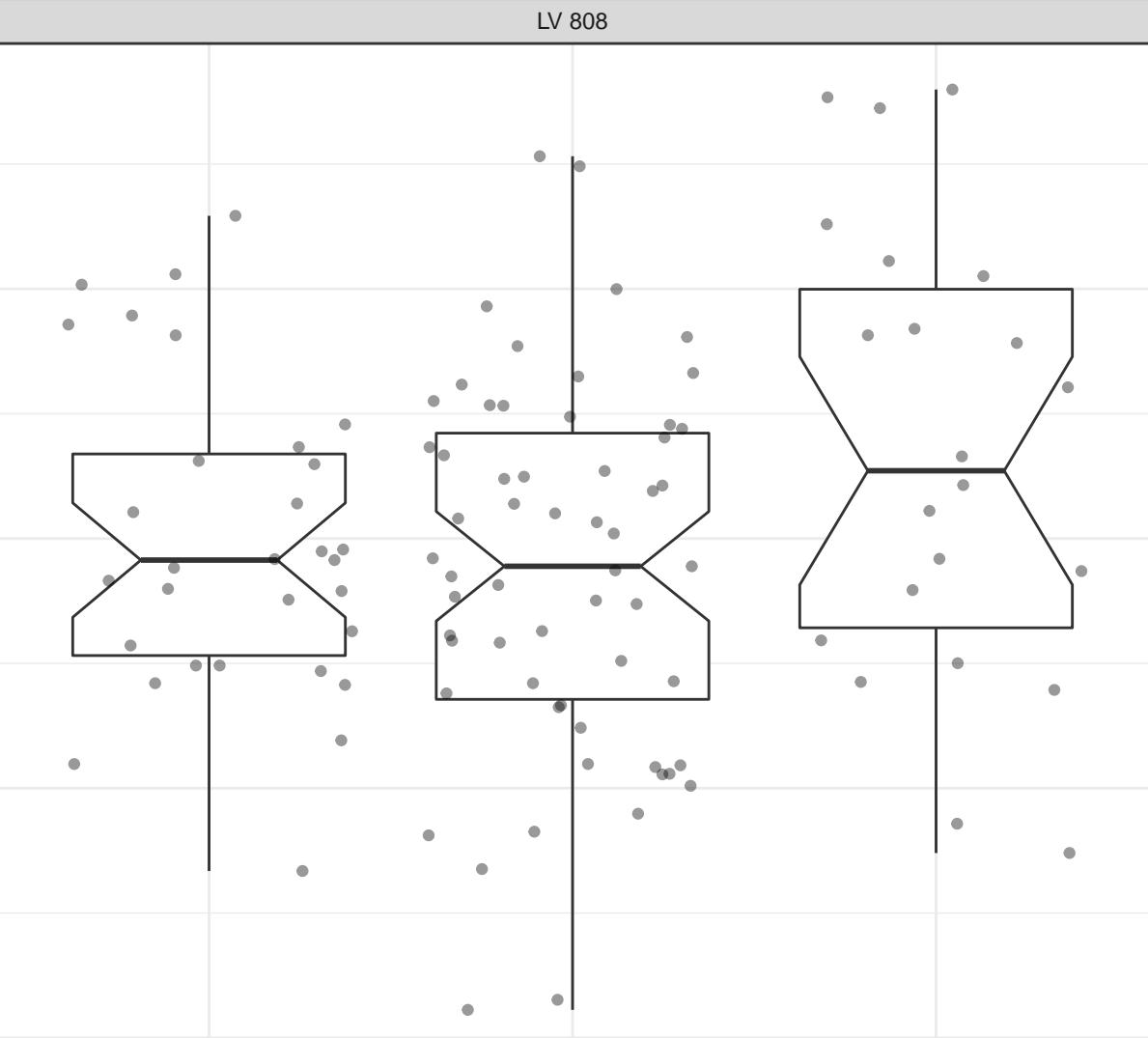
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

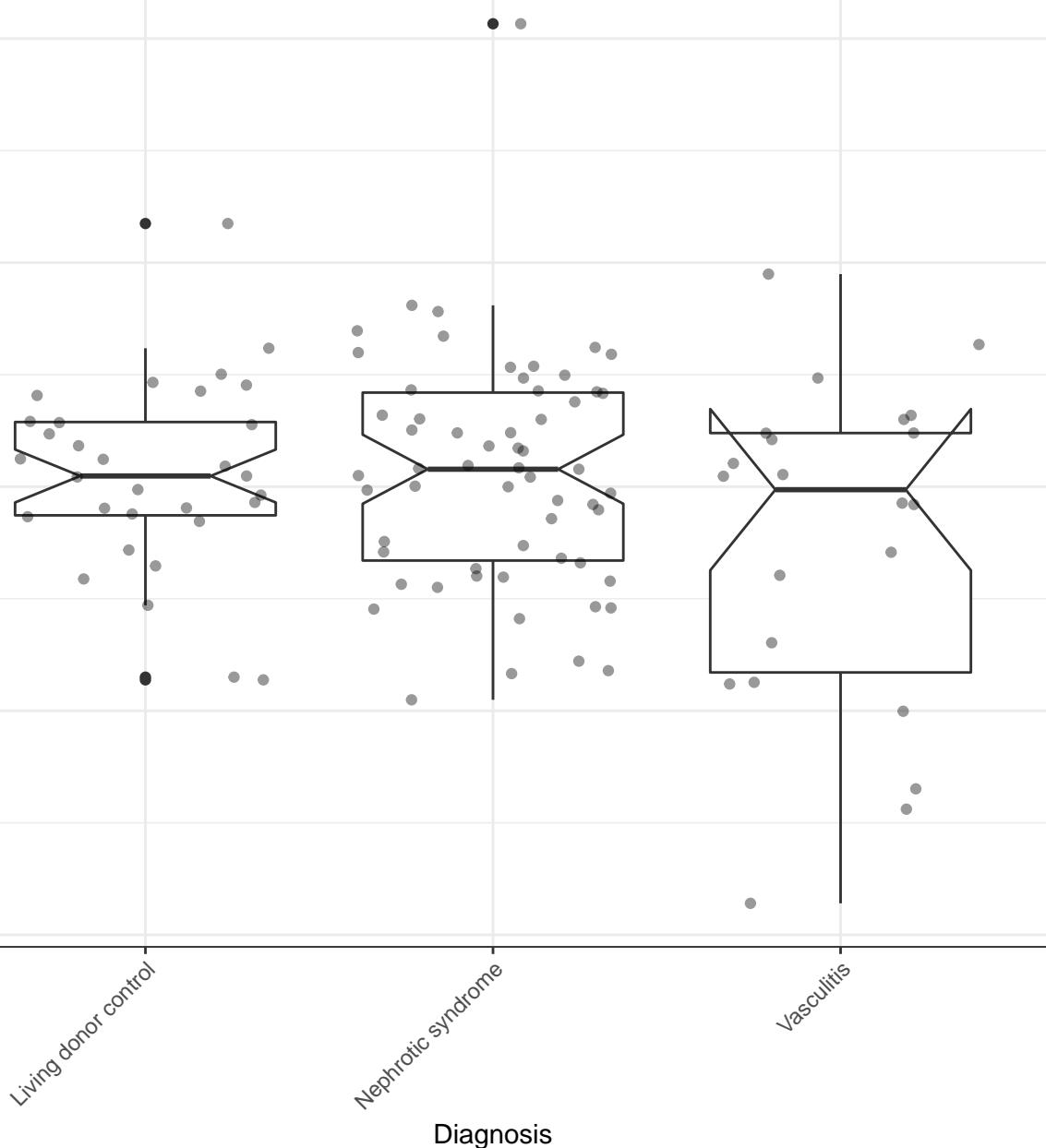
0.10  
0.05  
0.00  
-0.05  
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 810

Value

0.10

0.05

0.00

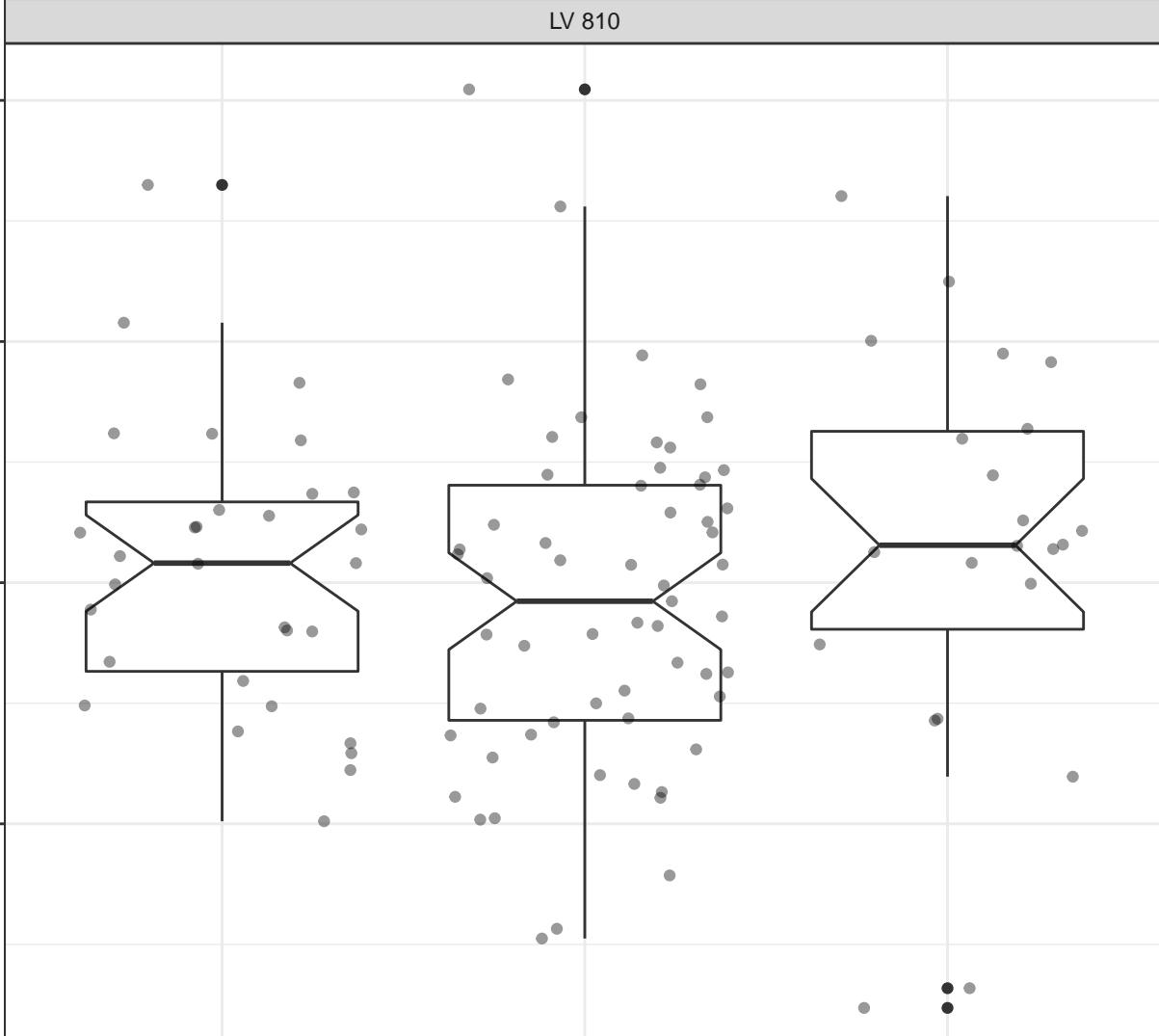
-0.05

Living donor control

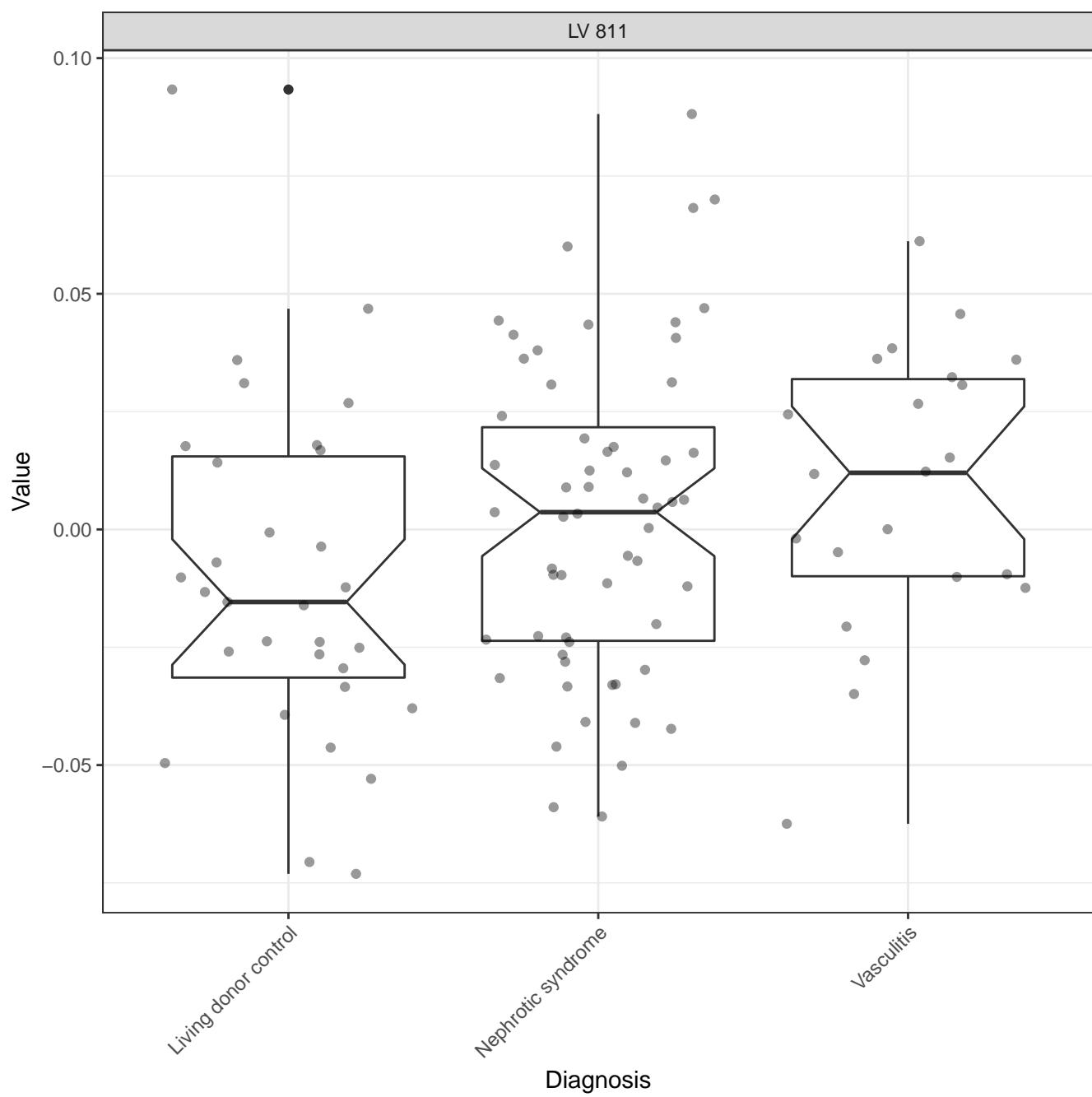
Nephrotic syndrome

Vasculitis

Diagnosis



LV 811



Value

0.04

0.00

-0.04

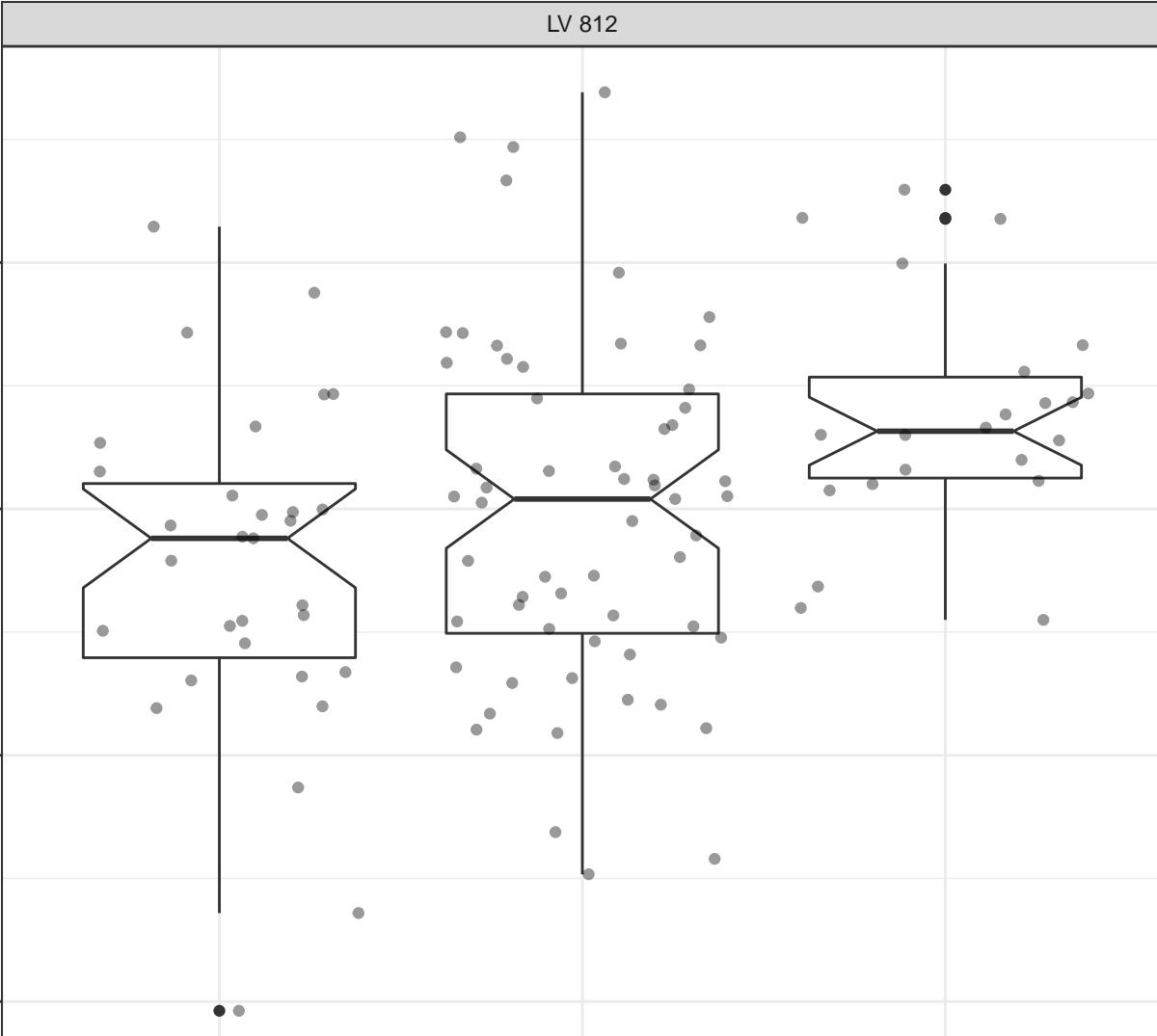
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

-0.05

-0.10

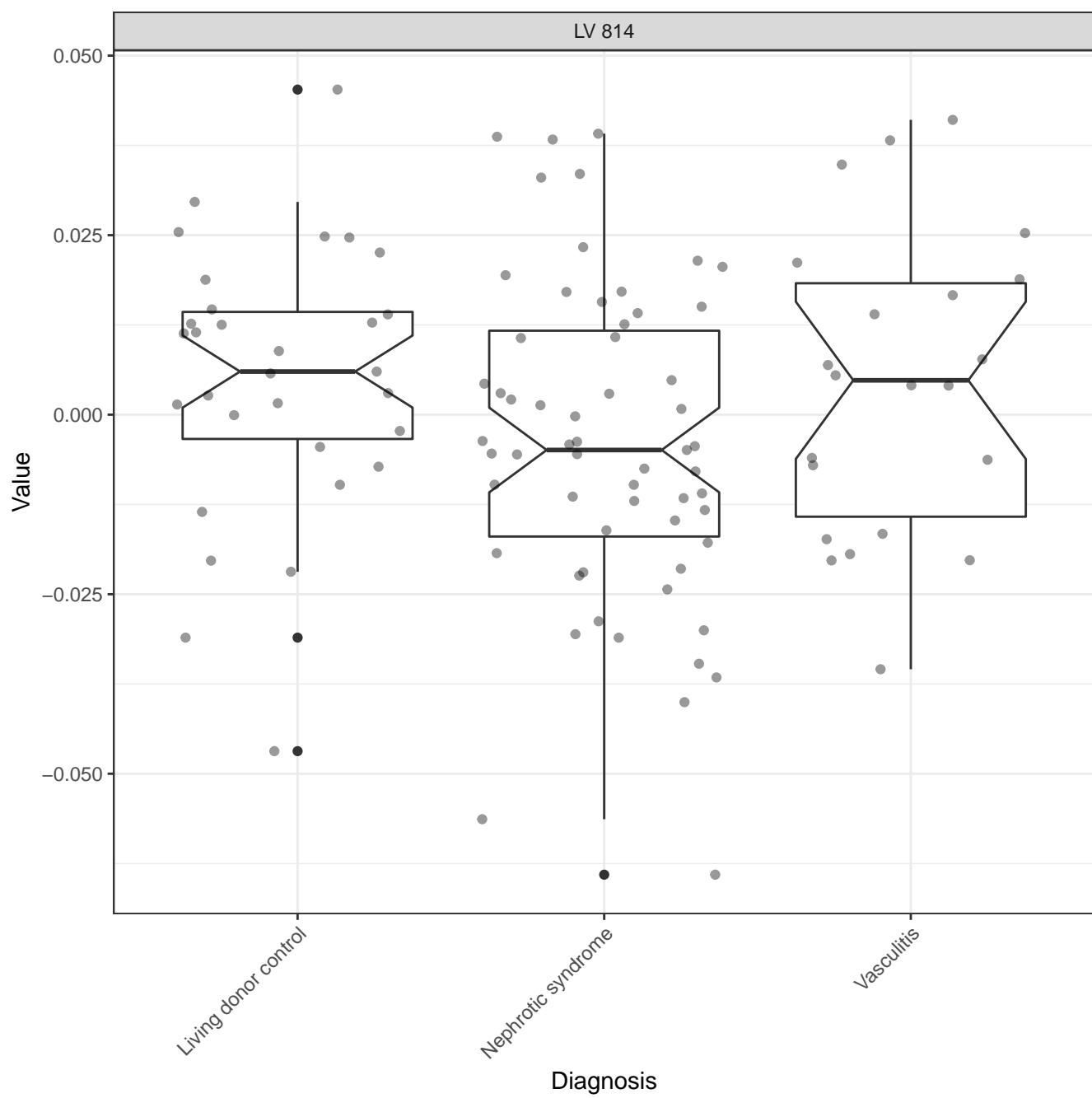
Living donor control

Nephrotic syndrome

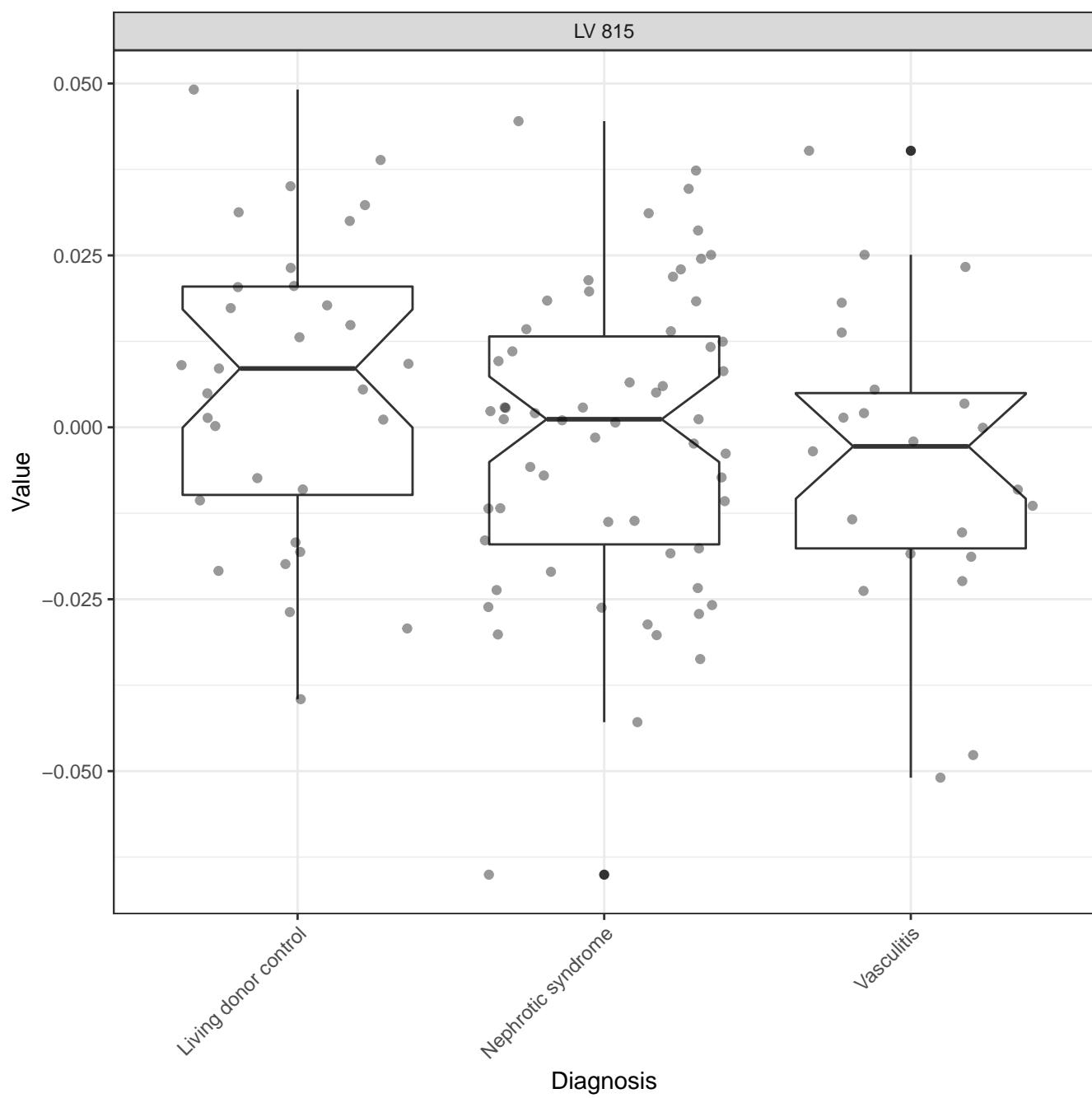
Vasculitis

Diagnosis

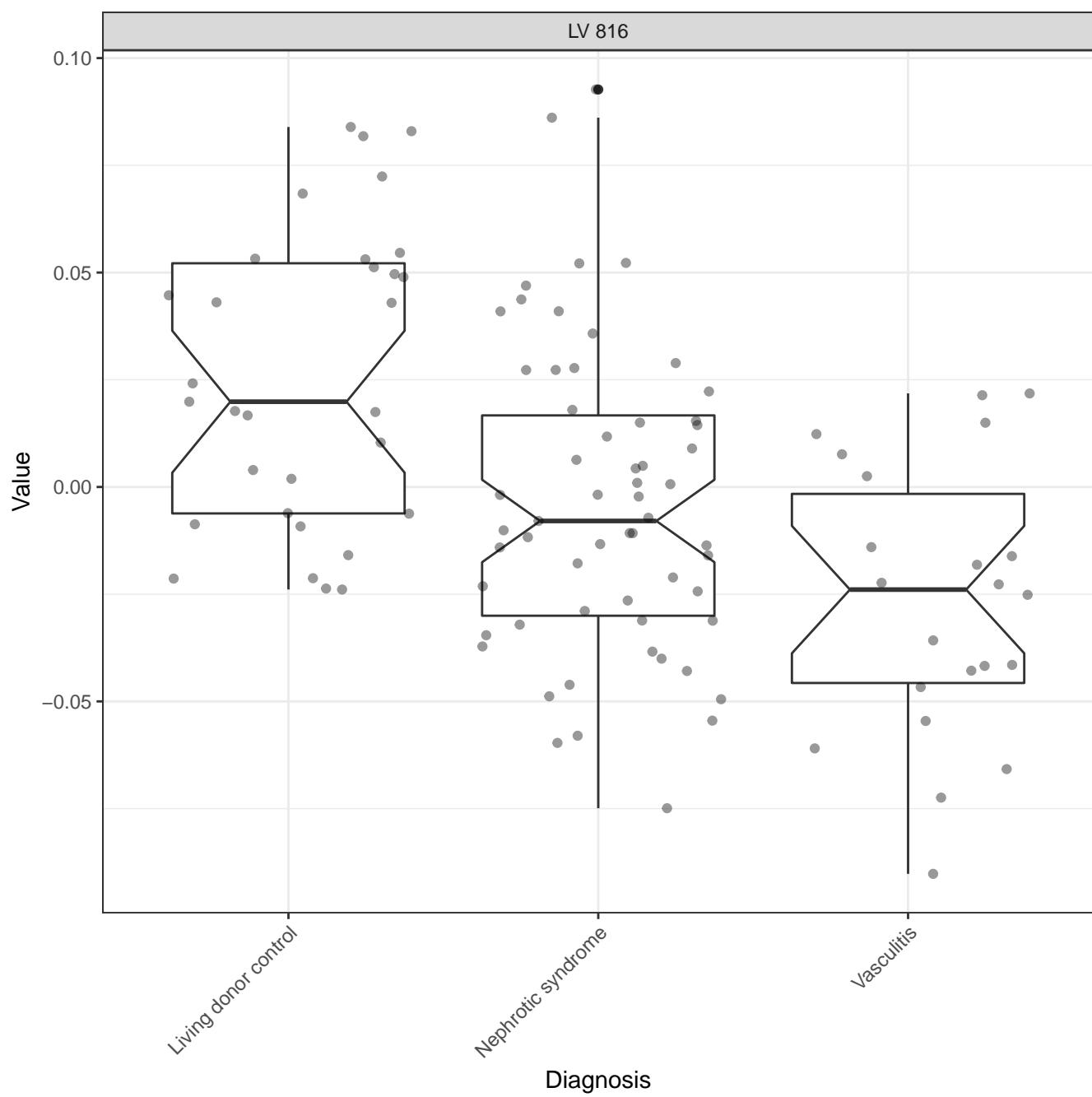
LV 814



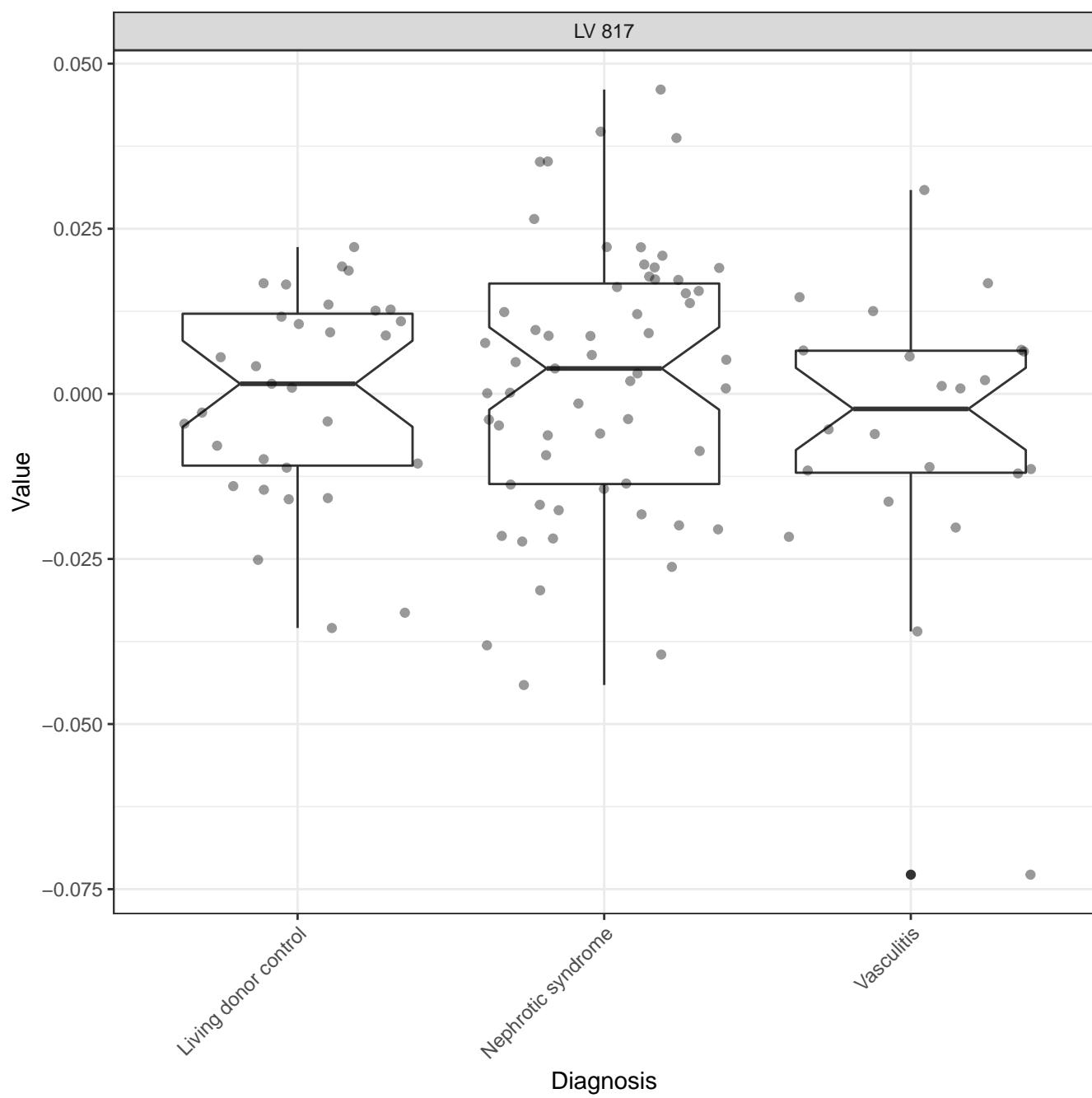
LV 815

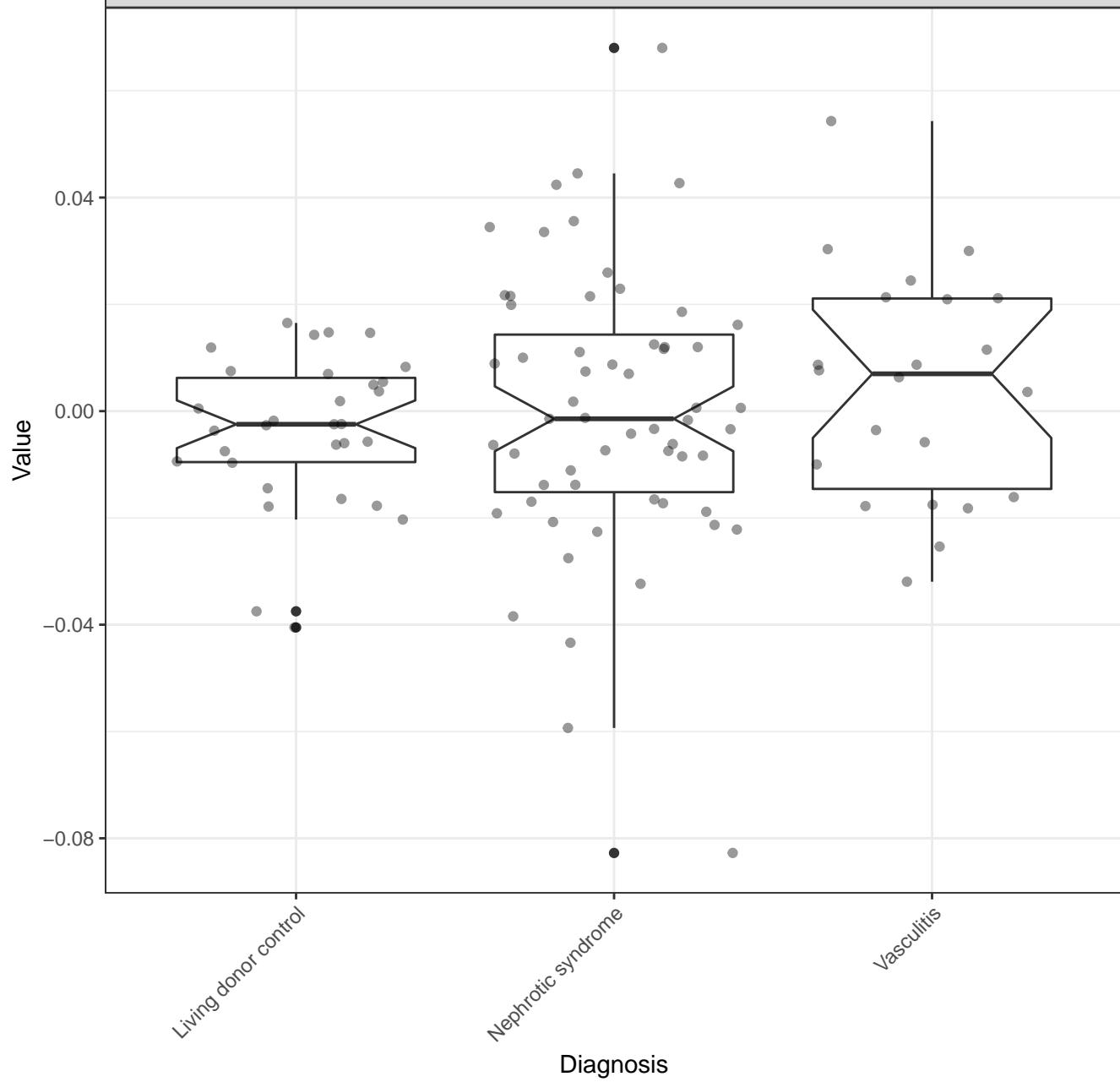


LV 816

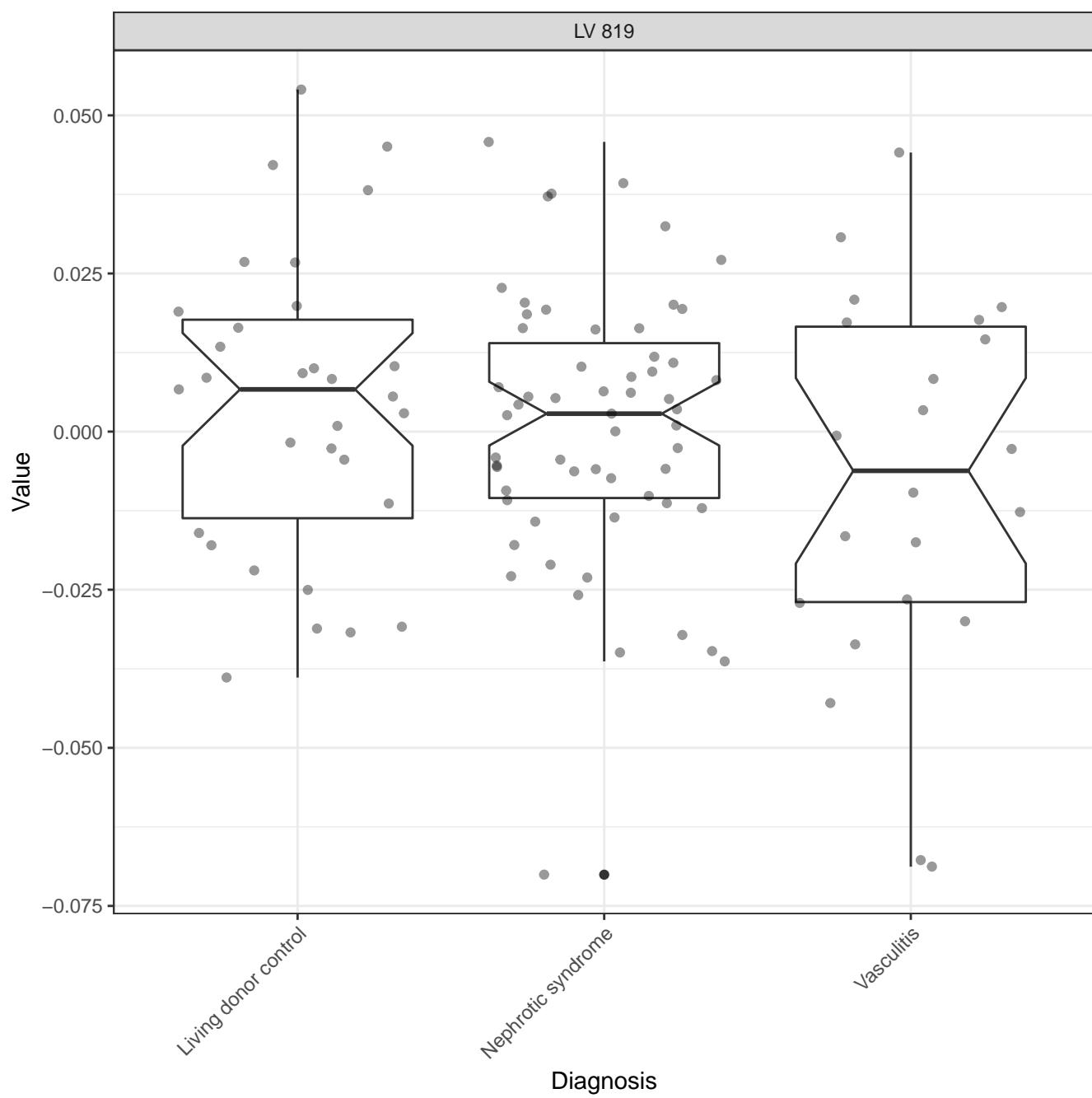


LV 817





LV 819



Value

0.04

0.00

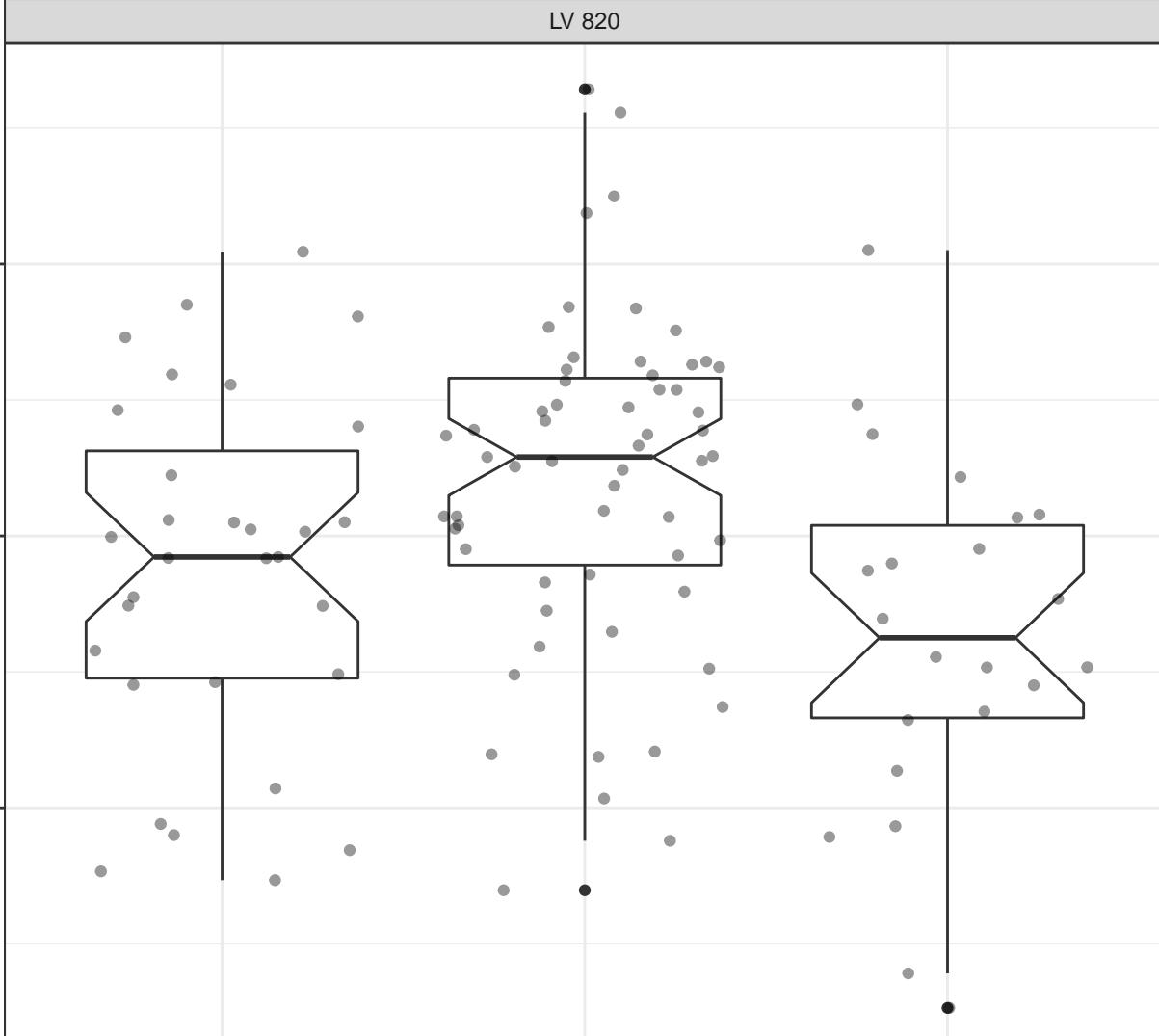
-0.04

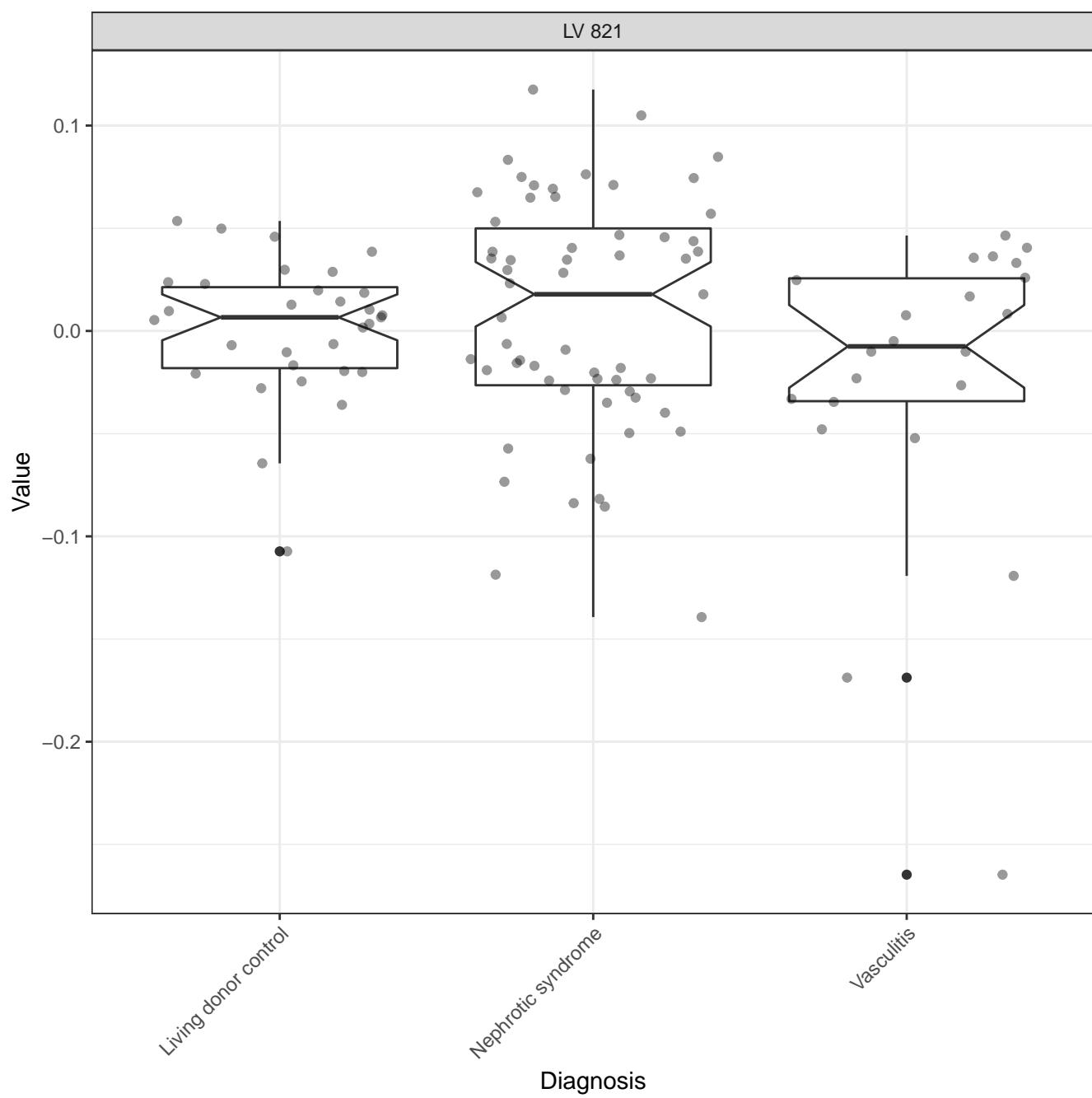
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 822

Value

0.1

0.0

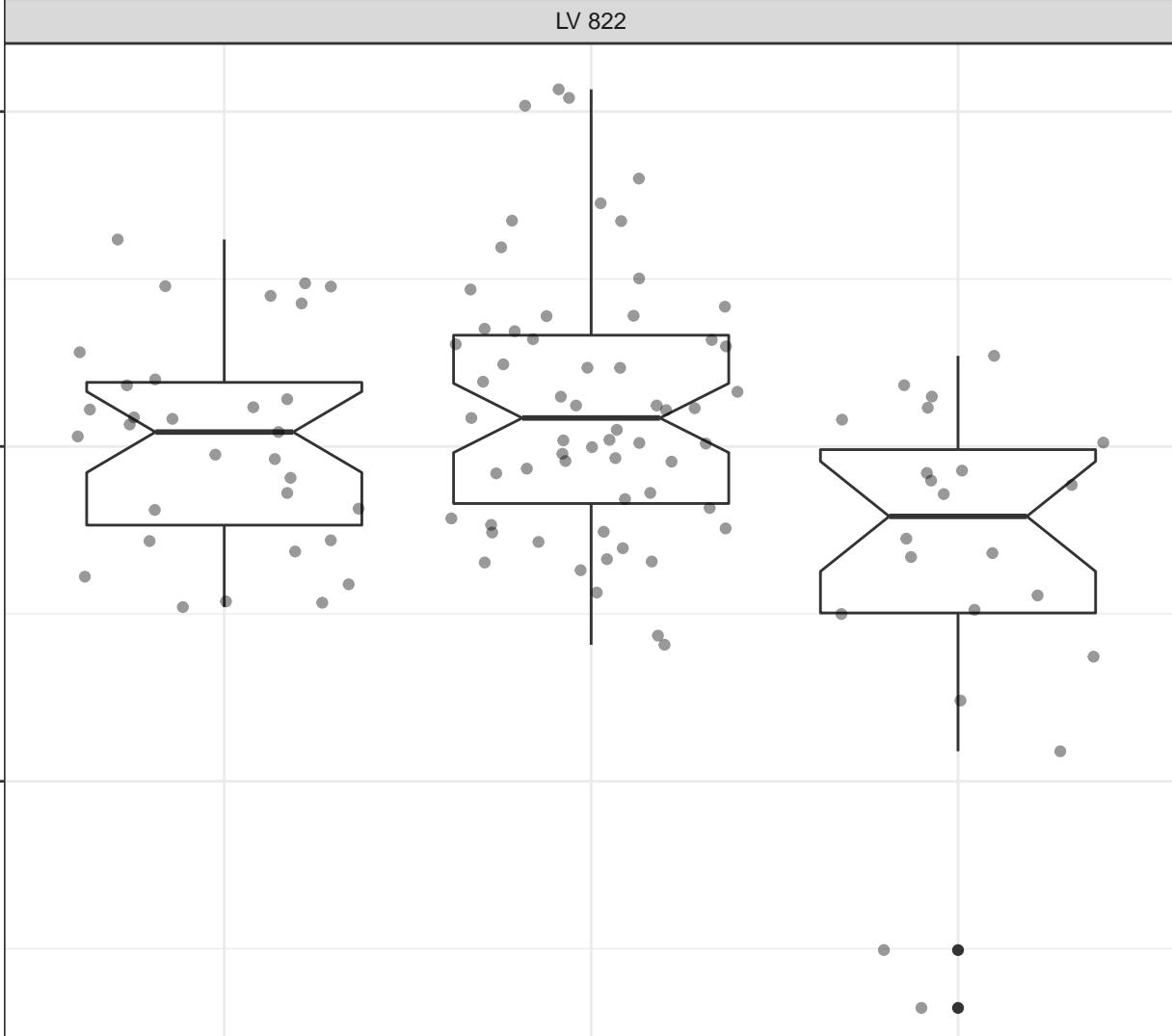
-0.1

Living donor control

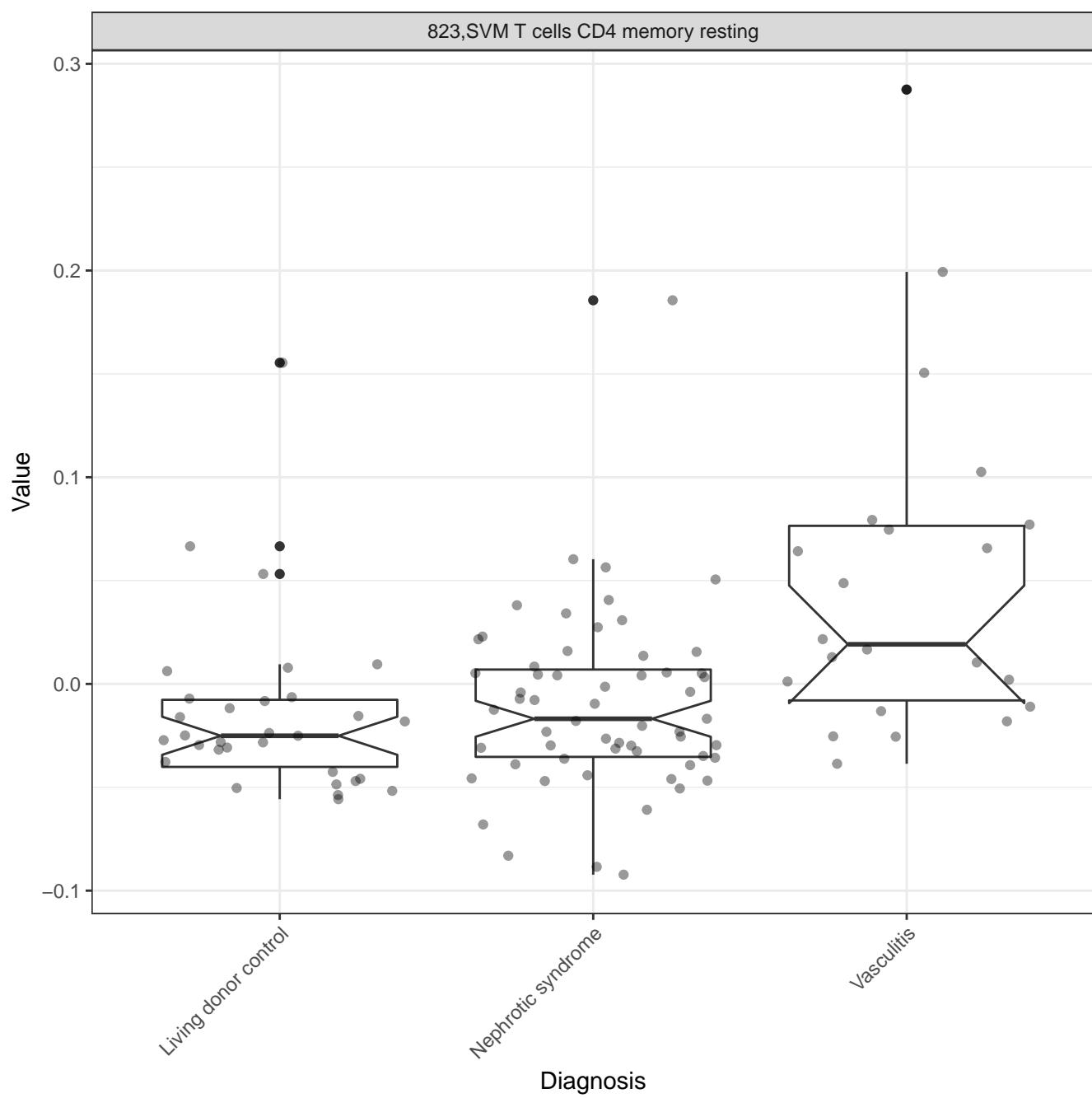
Nephrotic syndrome

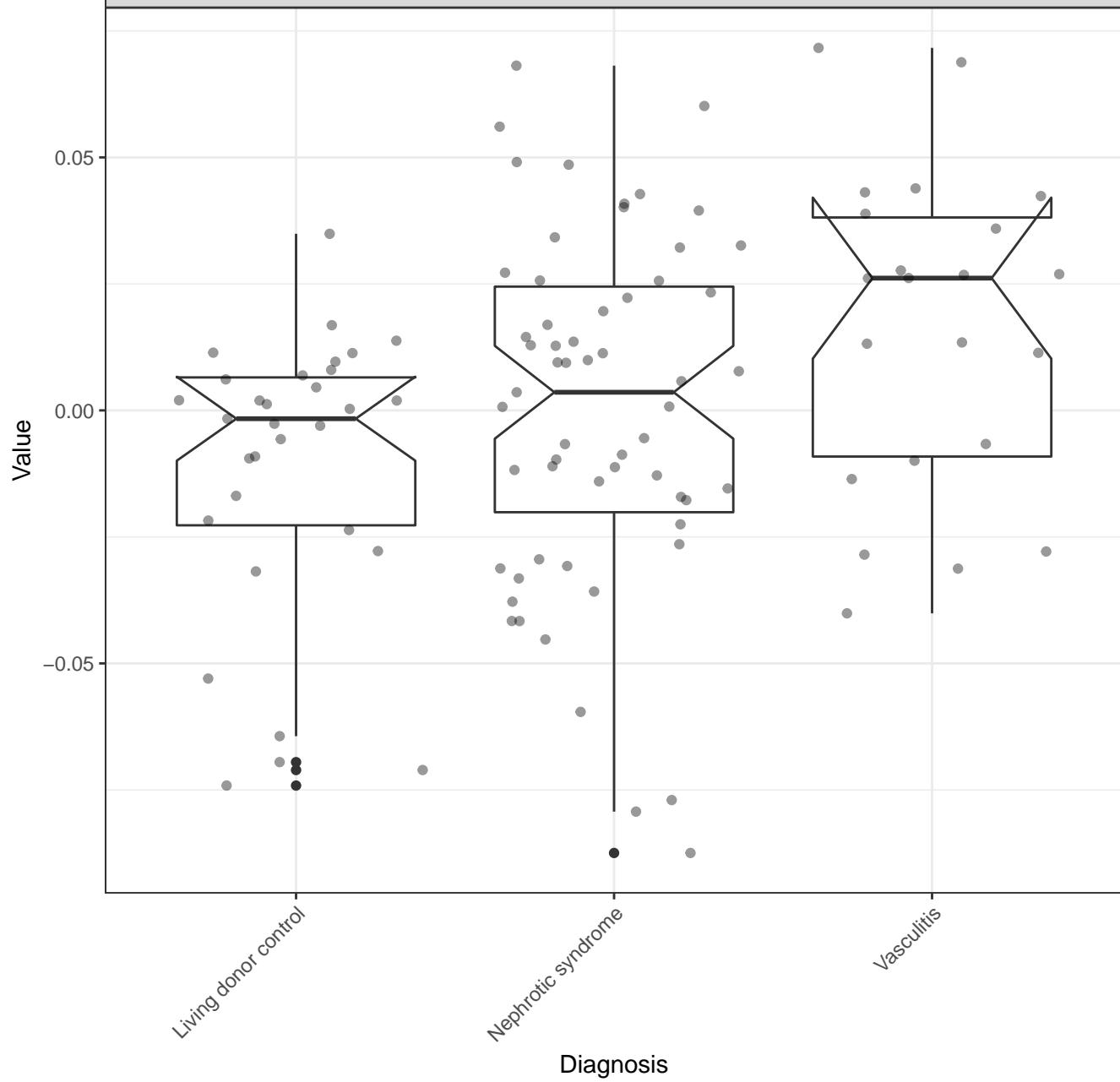
Vasculitis

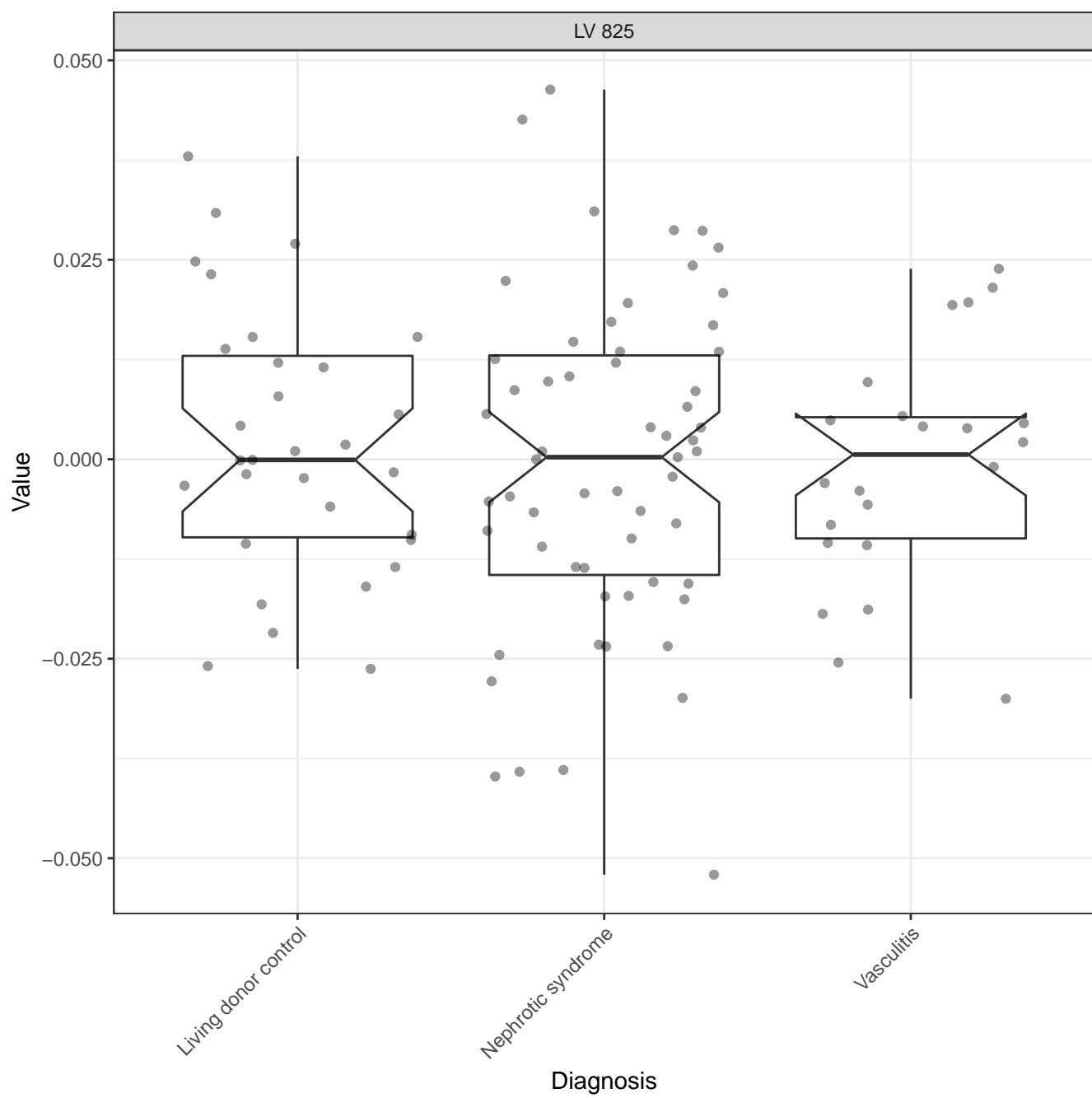
Diagnosis



## 823,SVM T cells CD4 memory resting







Value

0.05

0.00

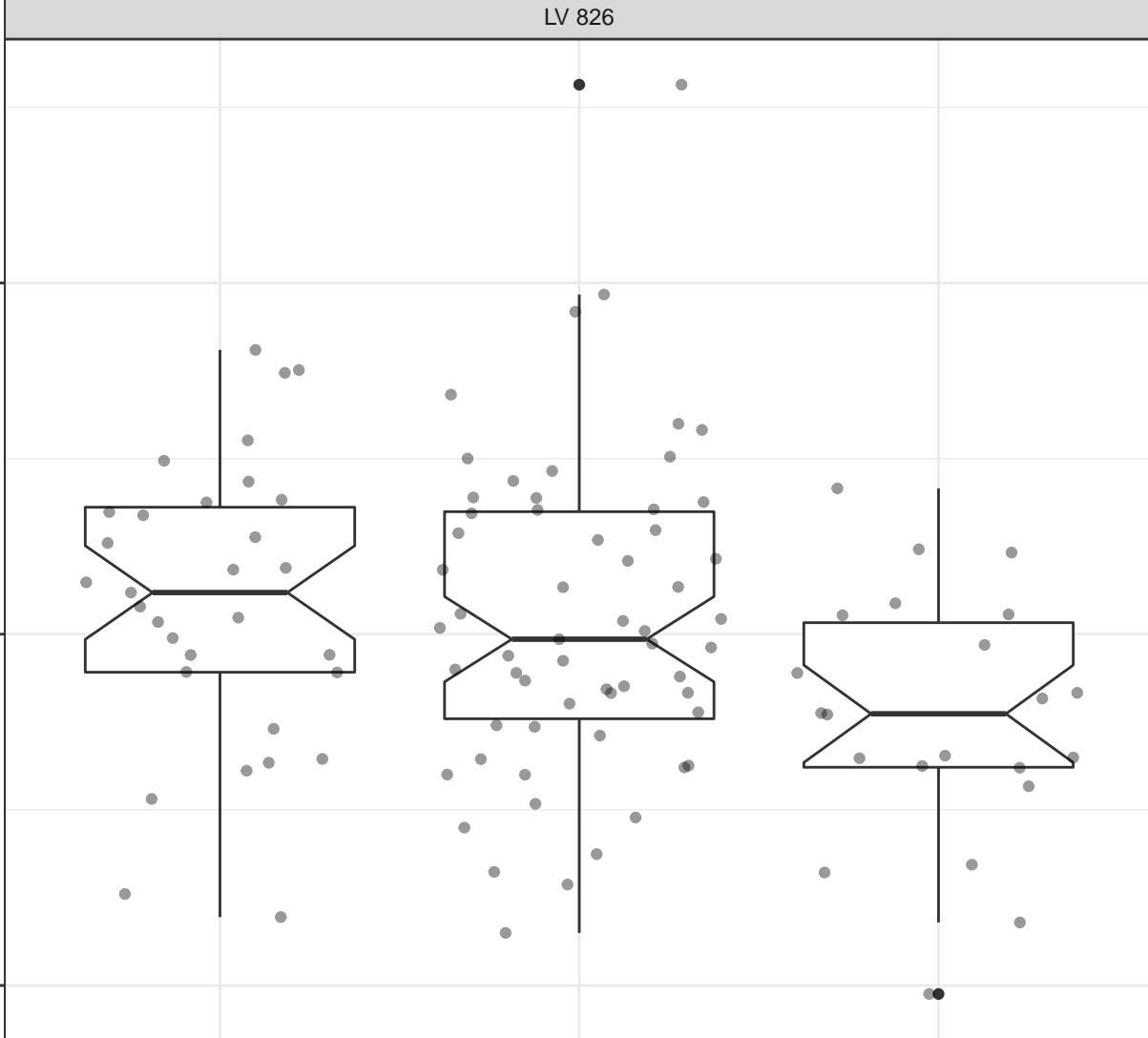
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



# 827,KEGG\_B\_CELL\_RECEPTOR\_SIGNALING\_PATHWAY

Value

0.2

0.1

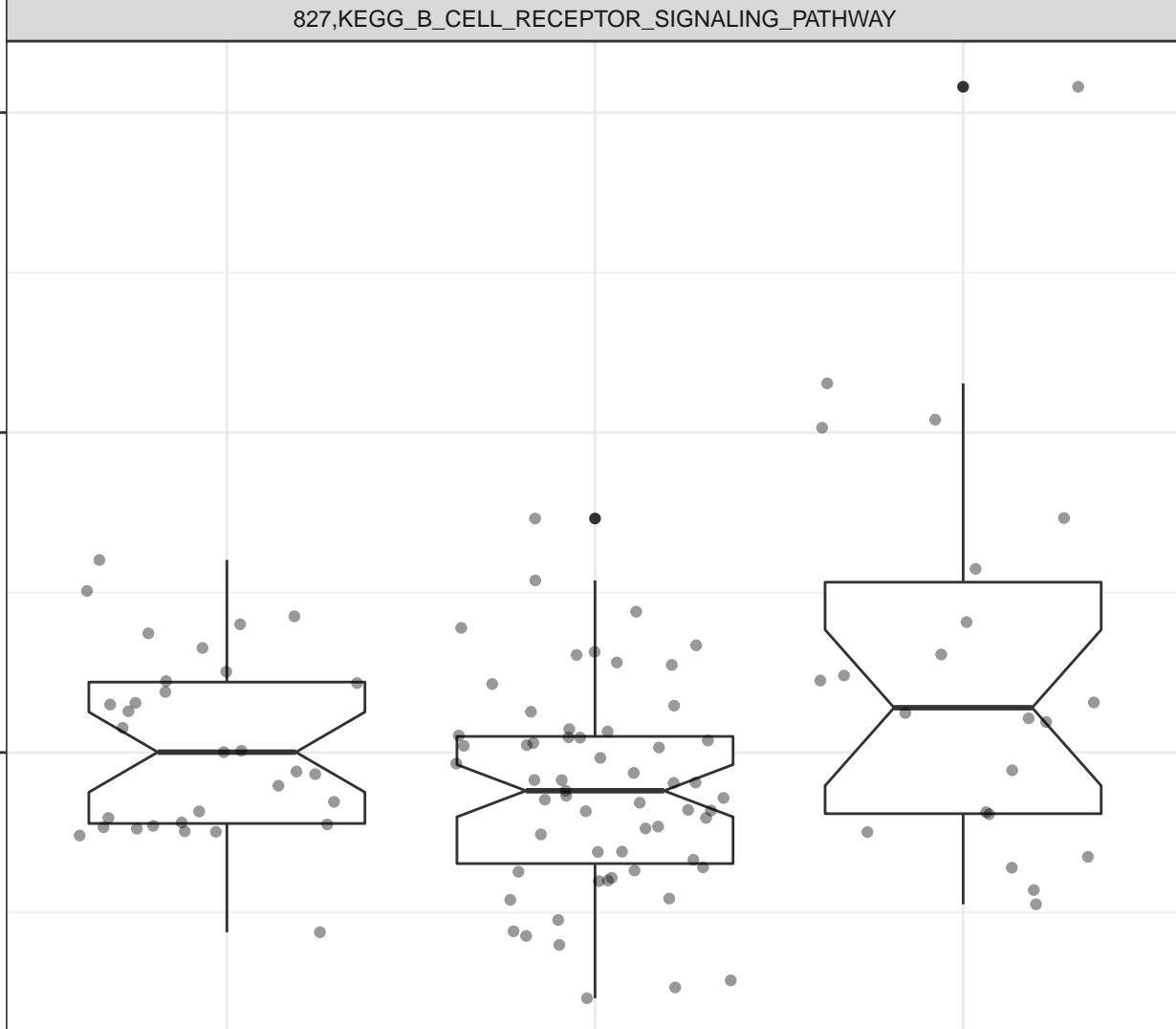
0.0

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.2

0.1

0.0

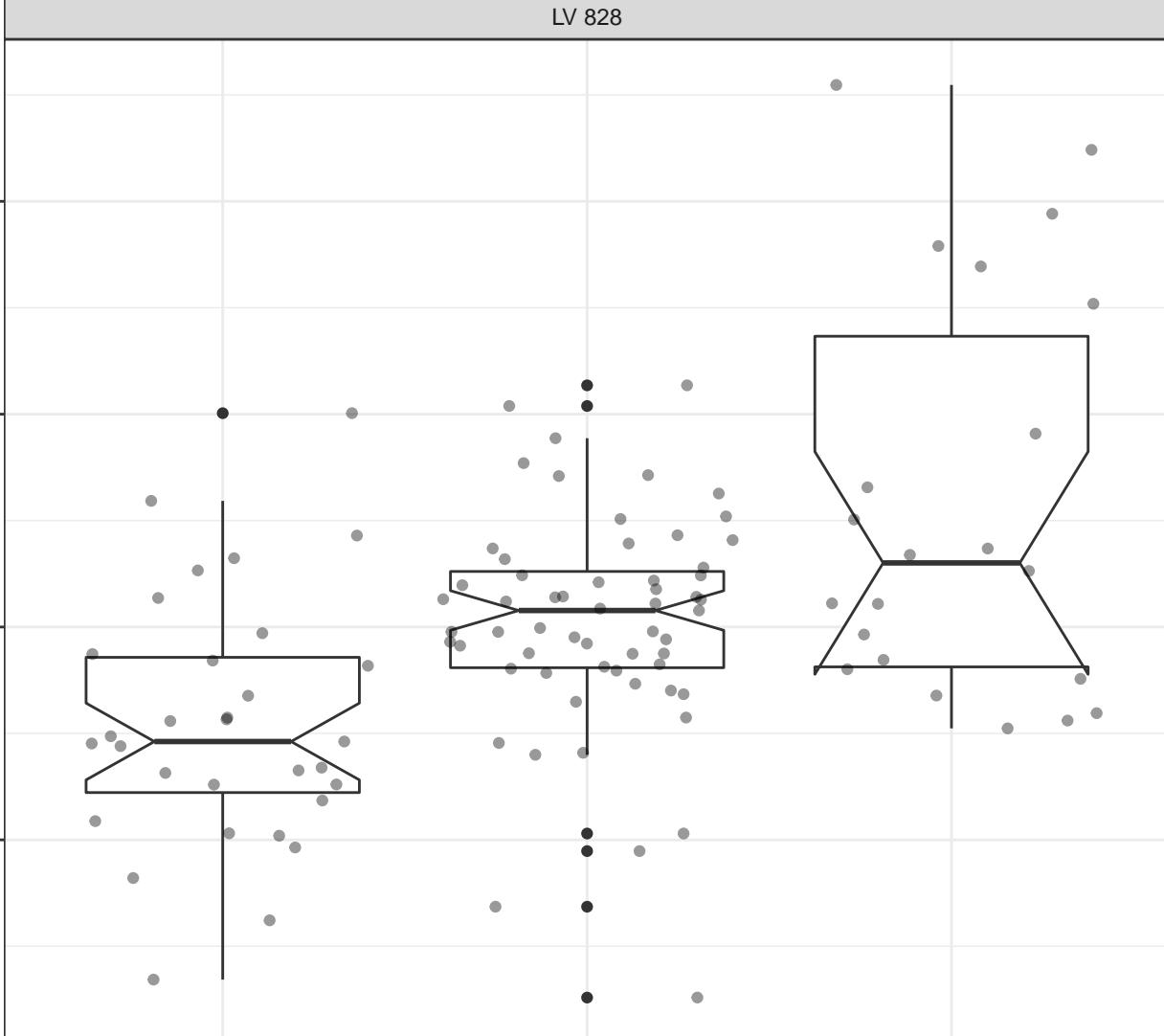
-0.1

Living donor control

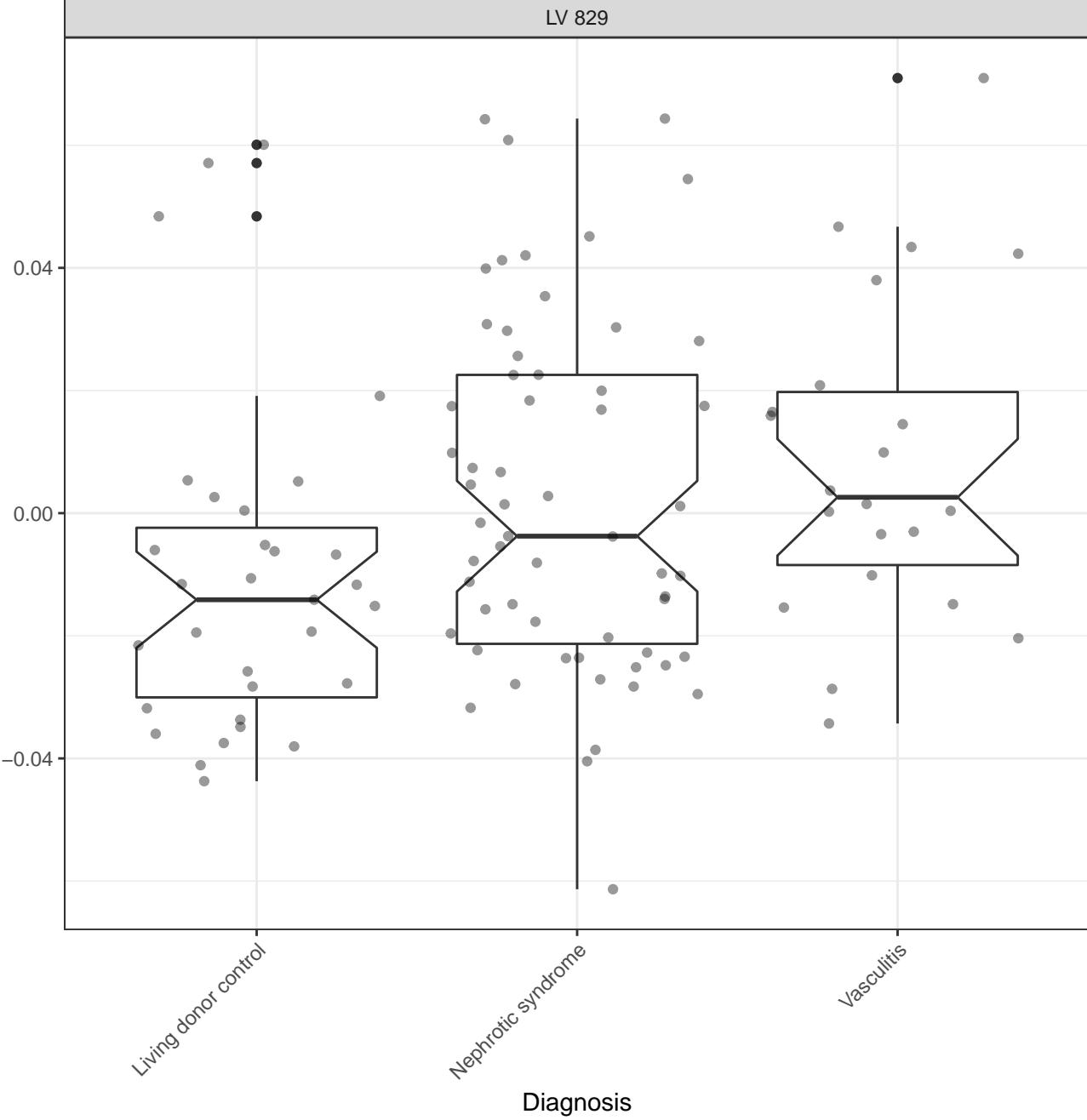
Nephrotic syndrome

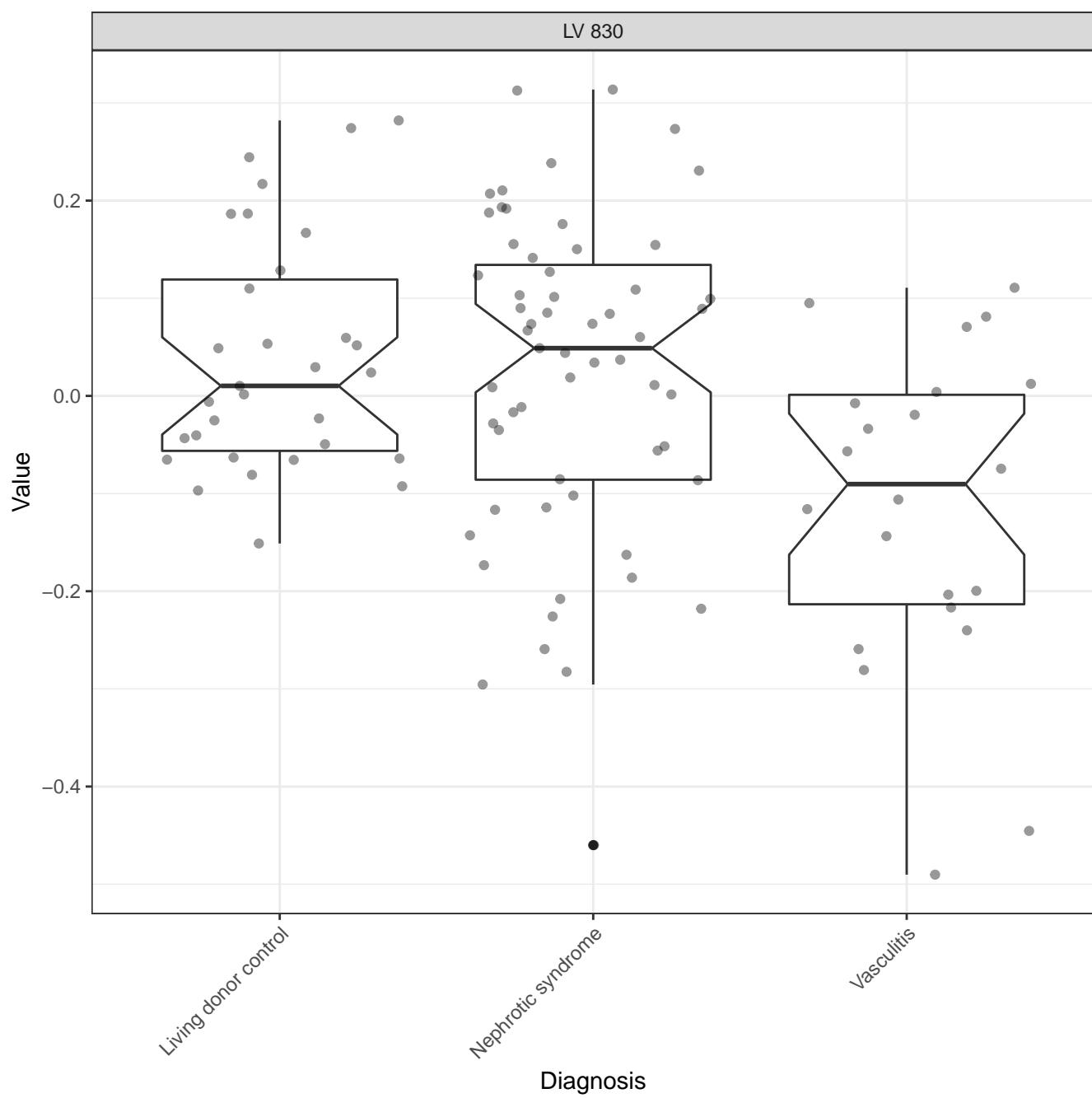
Vasculitis

Diagnosis



Value





Value

0.10

0.05

0.00

-0.05

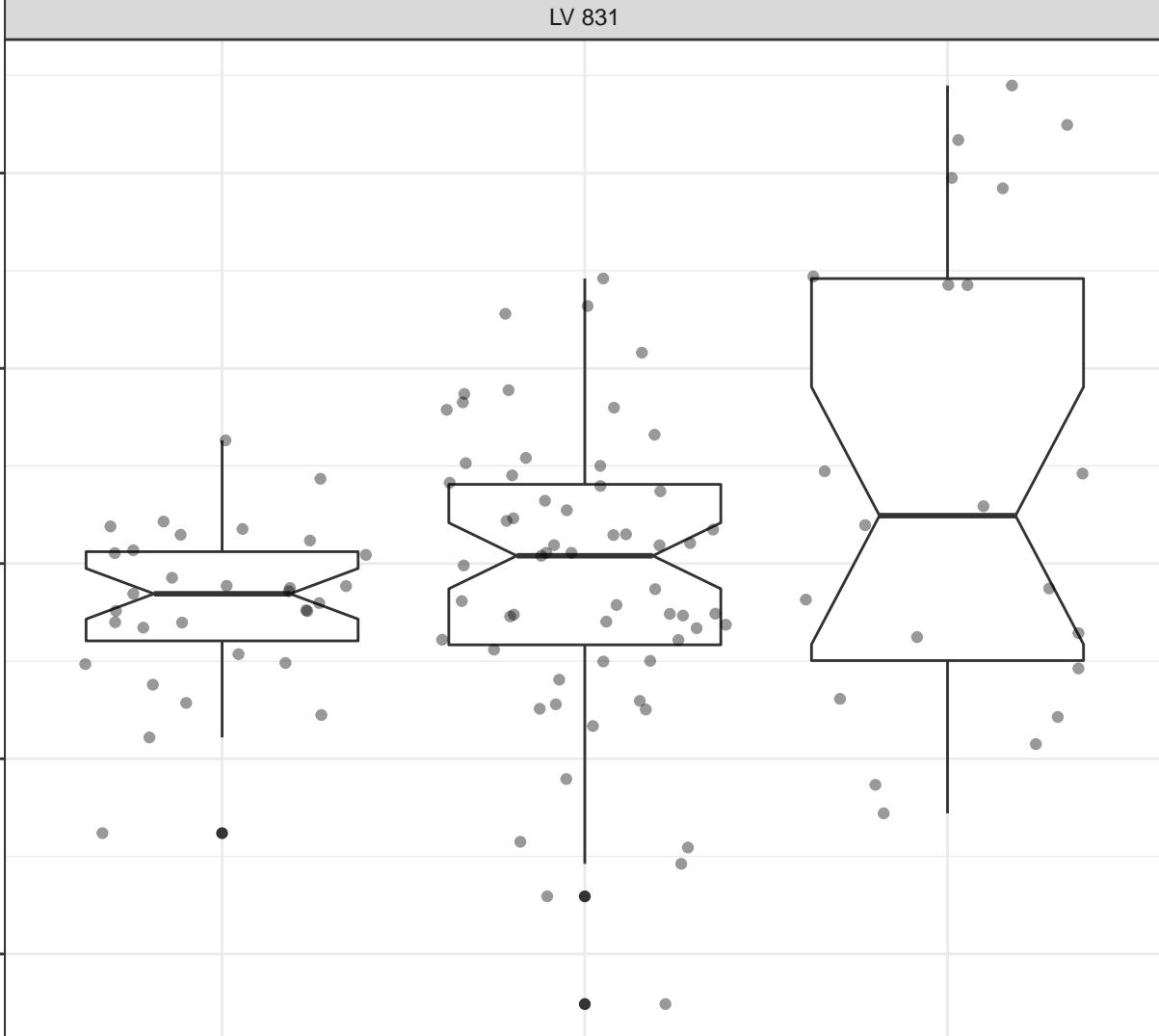
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



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

Value

0.1

0.0

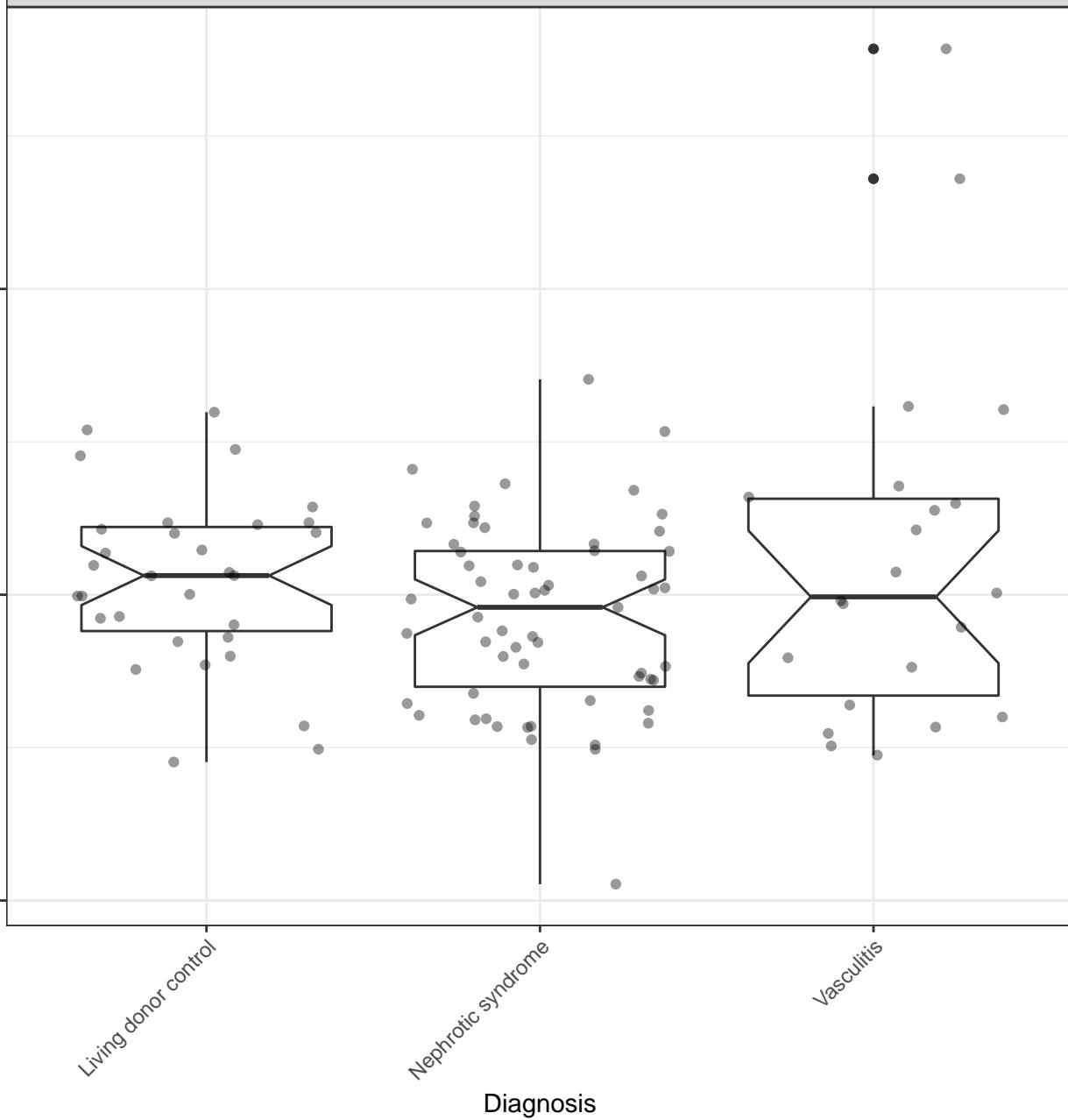
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 833

Value

0.10

0.05

0.00

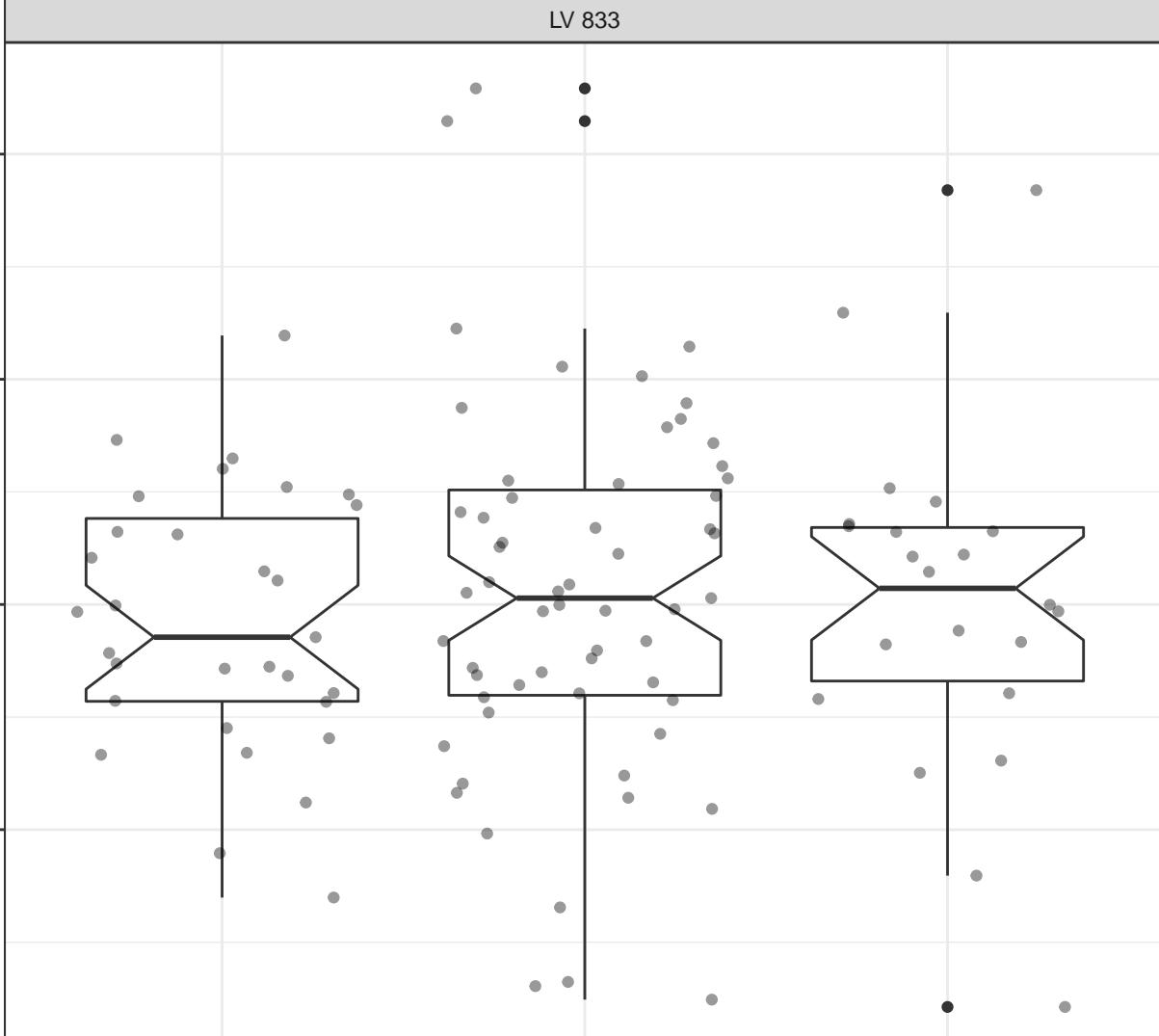
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 834

Value

0.05

0.01

-0.05

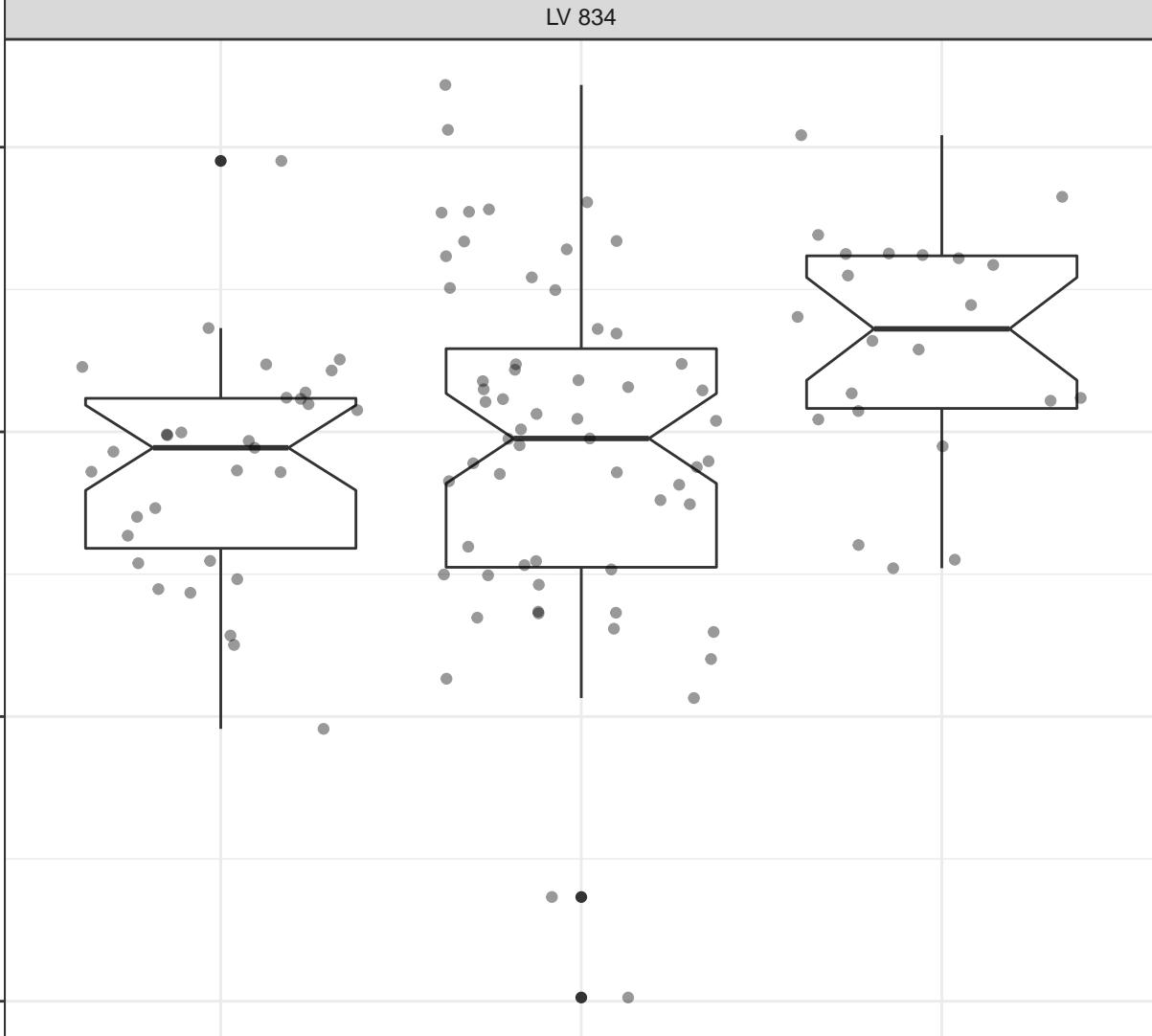
-0.10

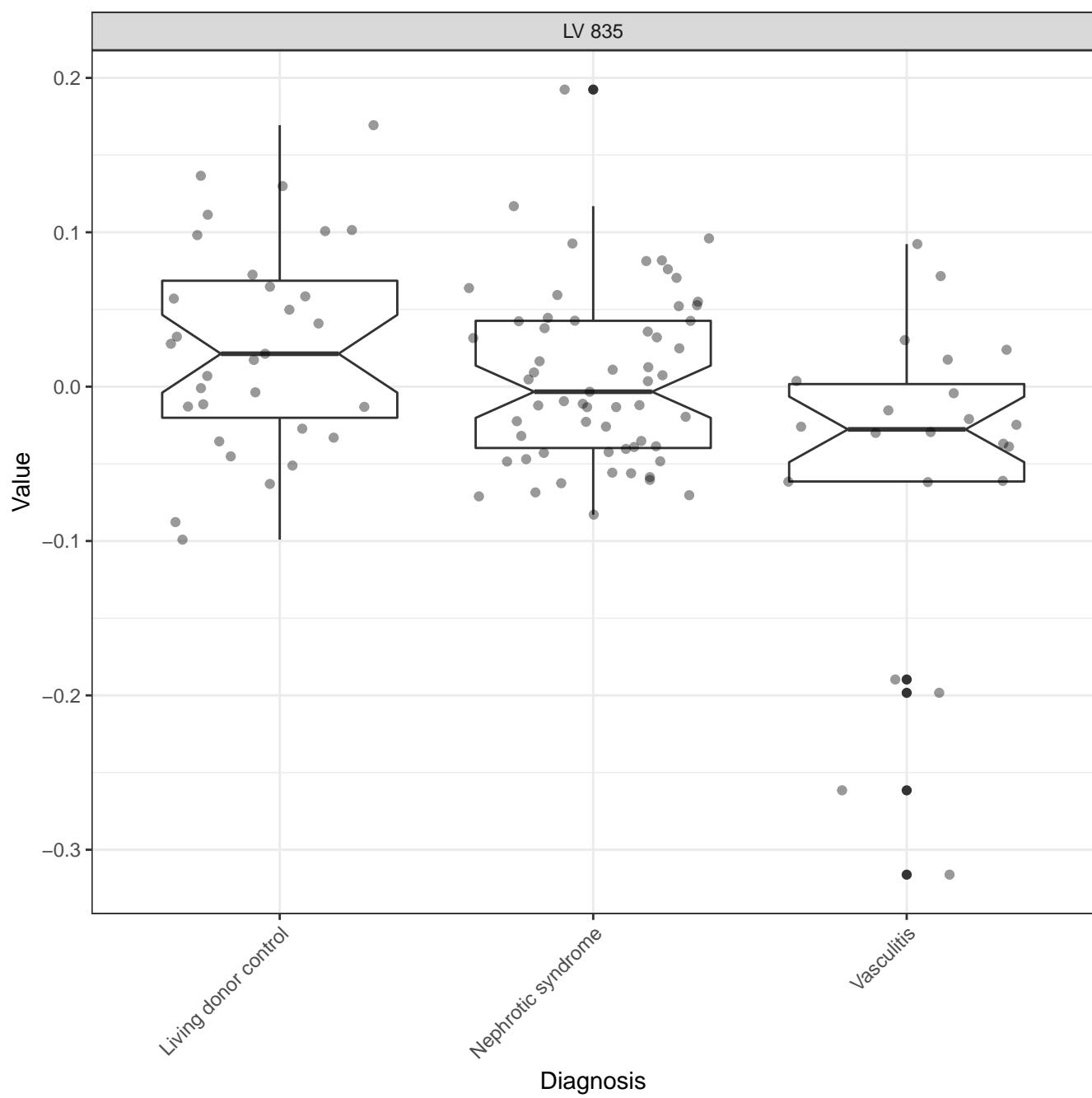
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 836

Value

0.10

0.05

0.00

-0.05

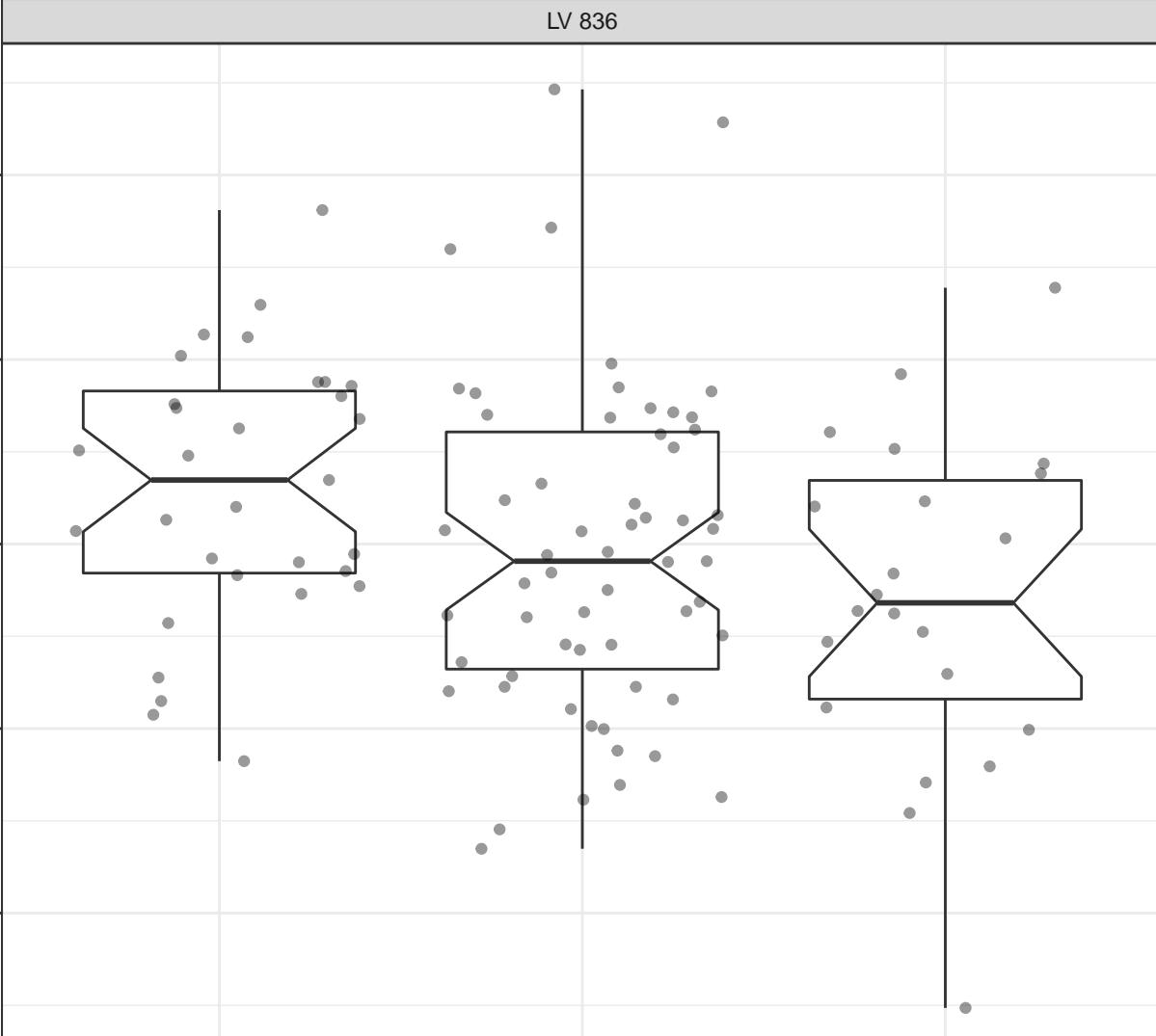
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

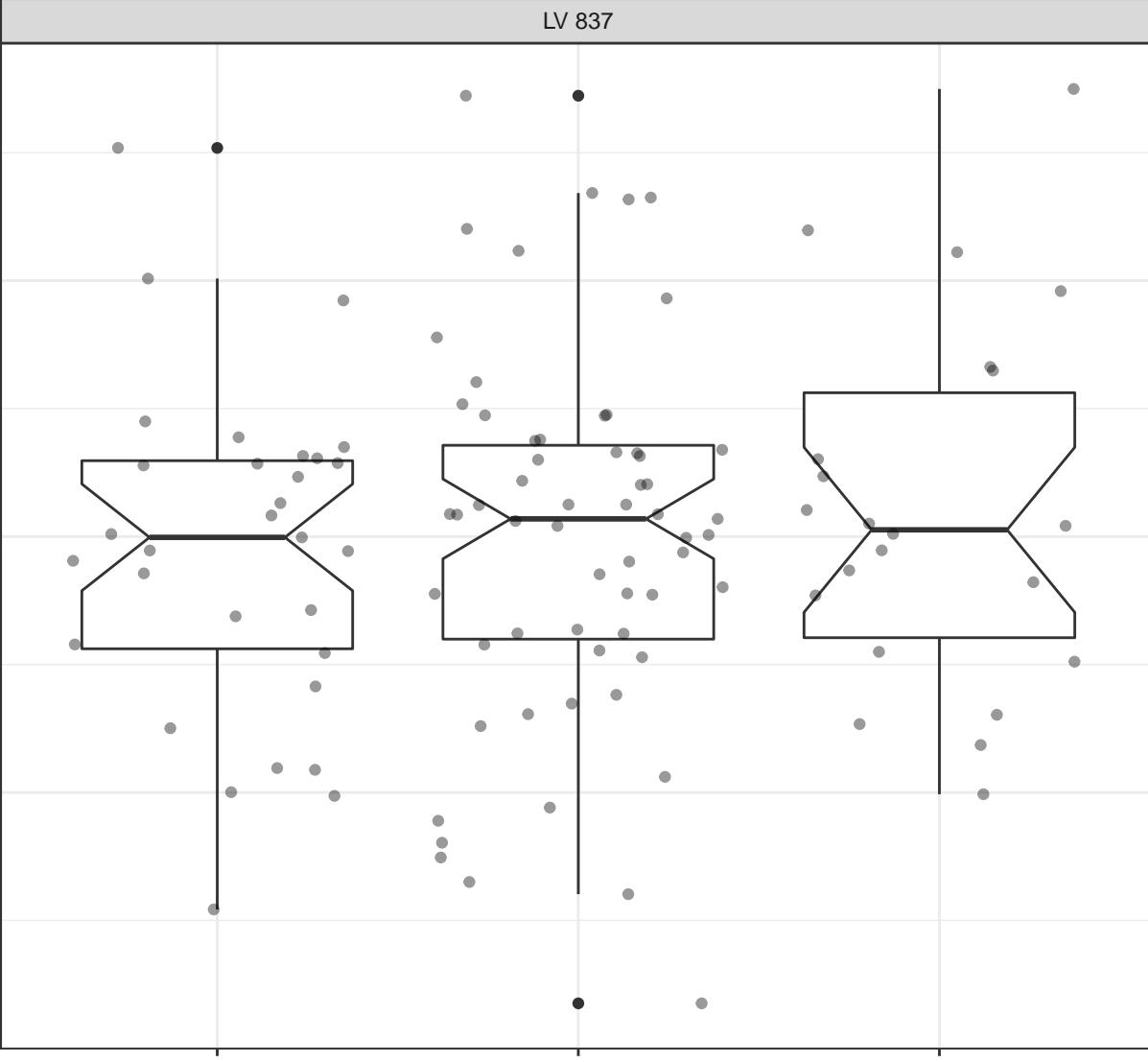
-0.10  
-0.05  
0.00  
0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 838

Value

0.08

0.04

0.00

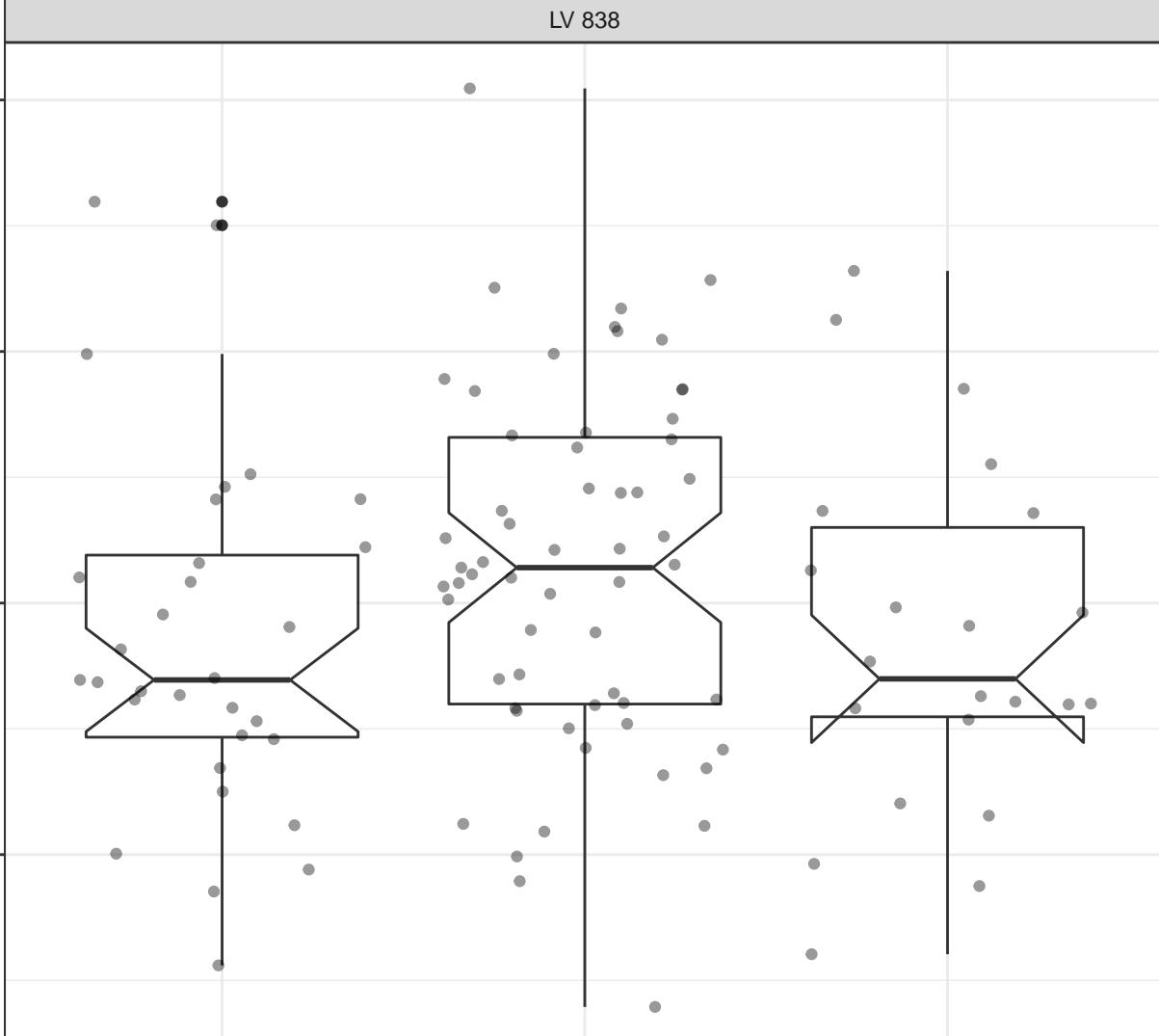
-0.04

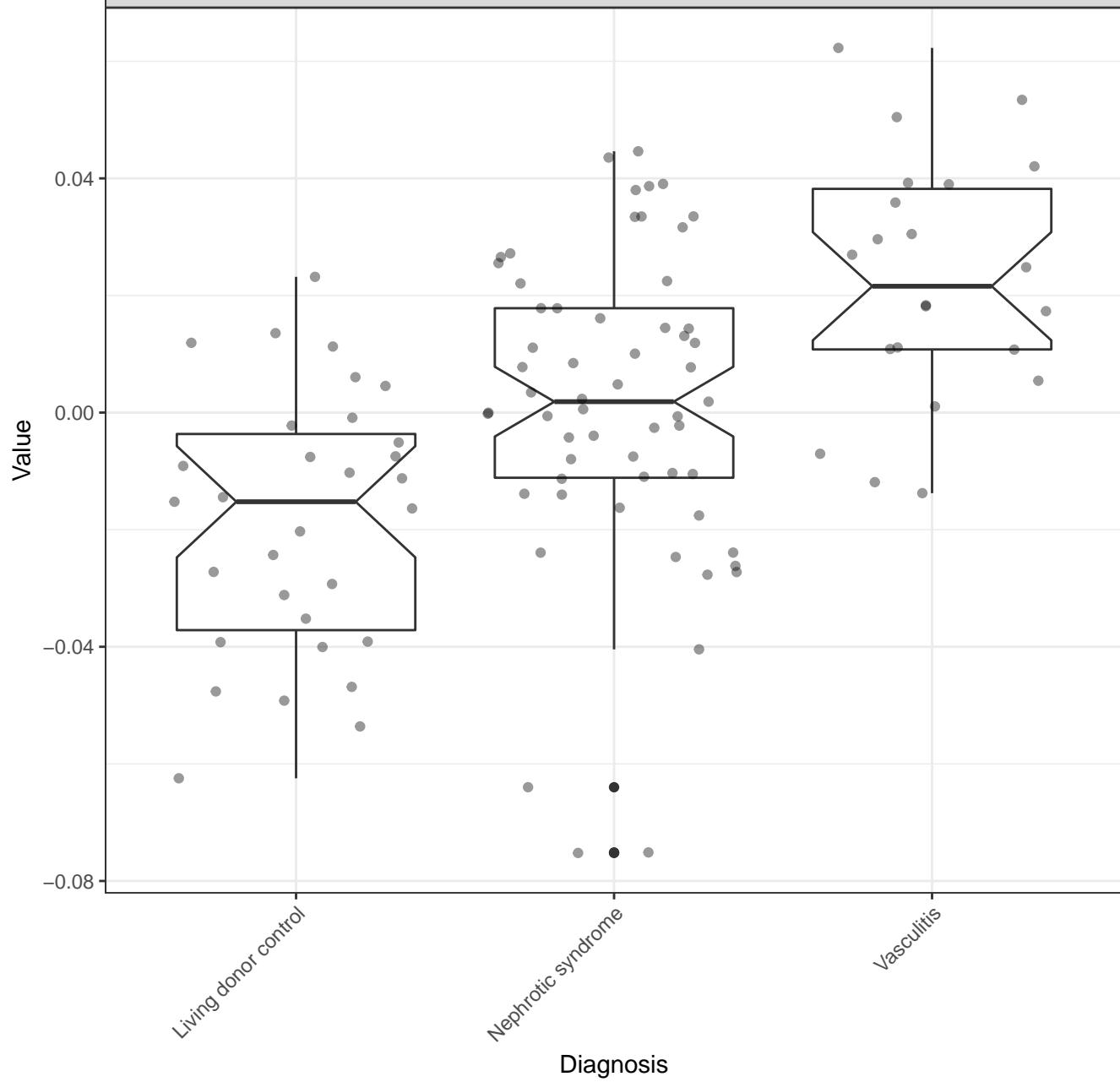
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





840,MIPS\_39S\_RIBOSOMAL\_SUBUNIT\_MITOCHONDRIAL

Value

0.2

0.1

0.0

-0.1

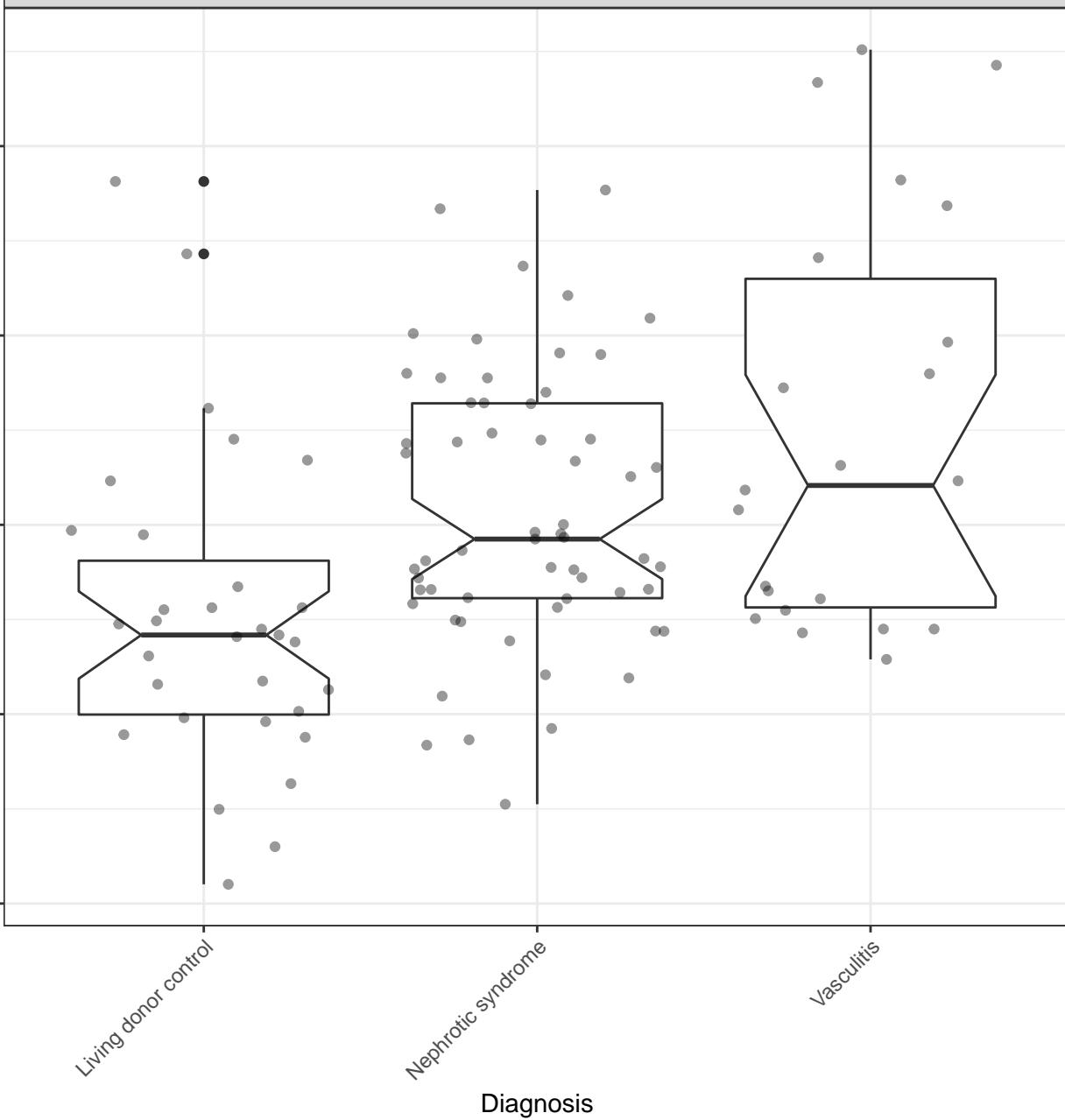
-0.2

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 841

Value

0.2

0.0

-0.2

-0.4

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.10

0.05

0.00

-0.05

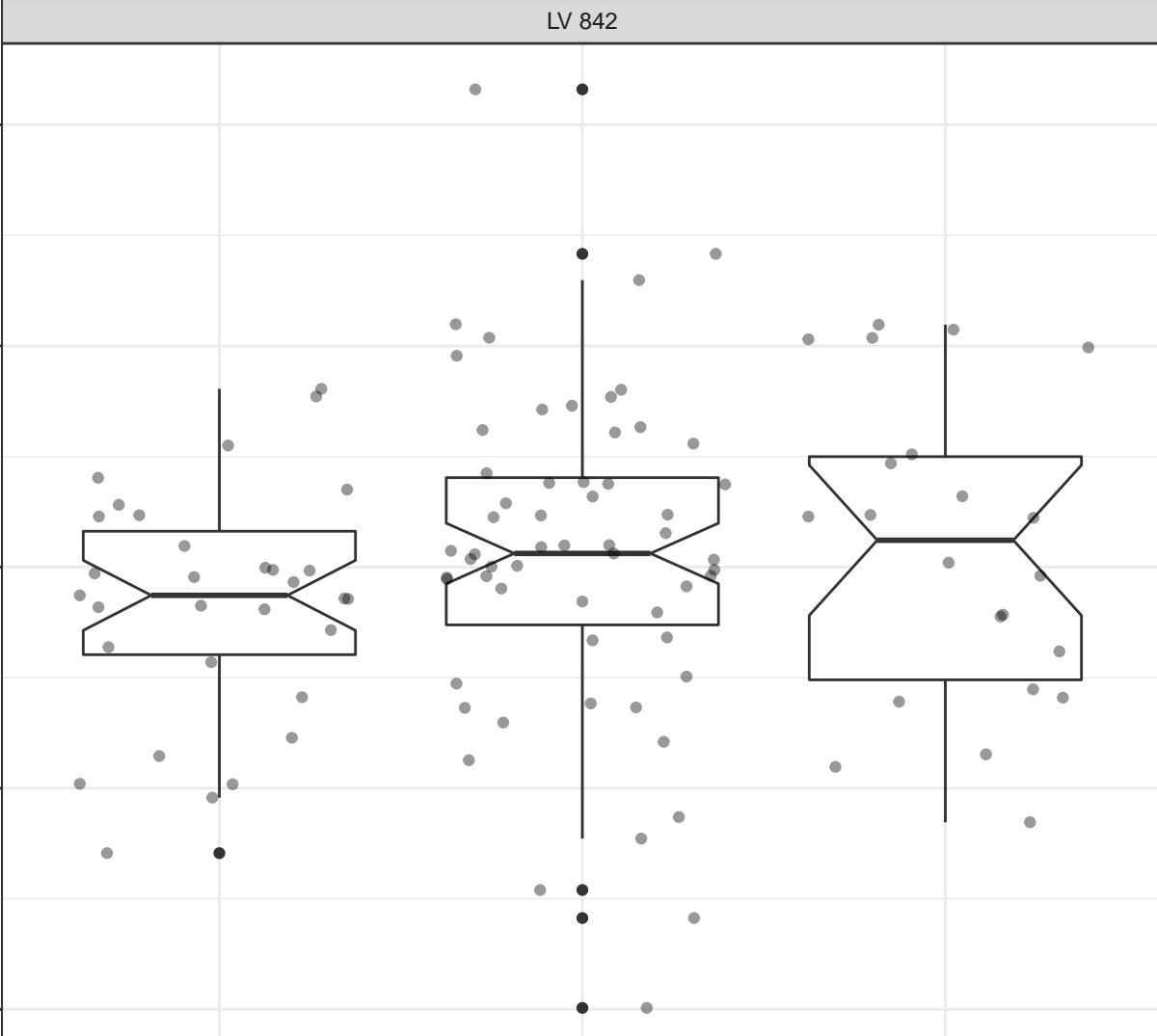
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 843

Value

0.06

0.03

0.00

-0.03

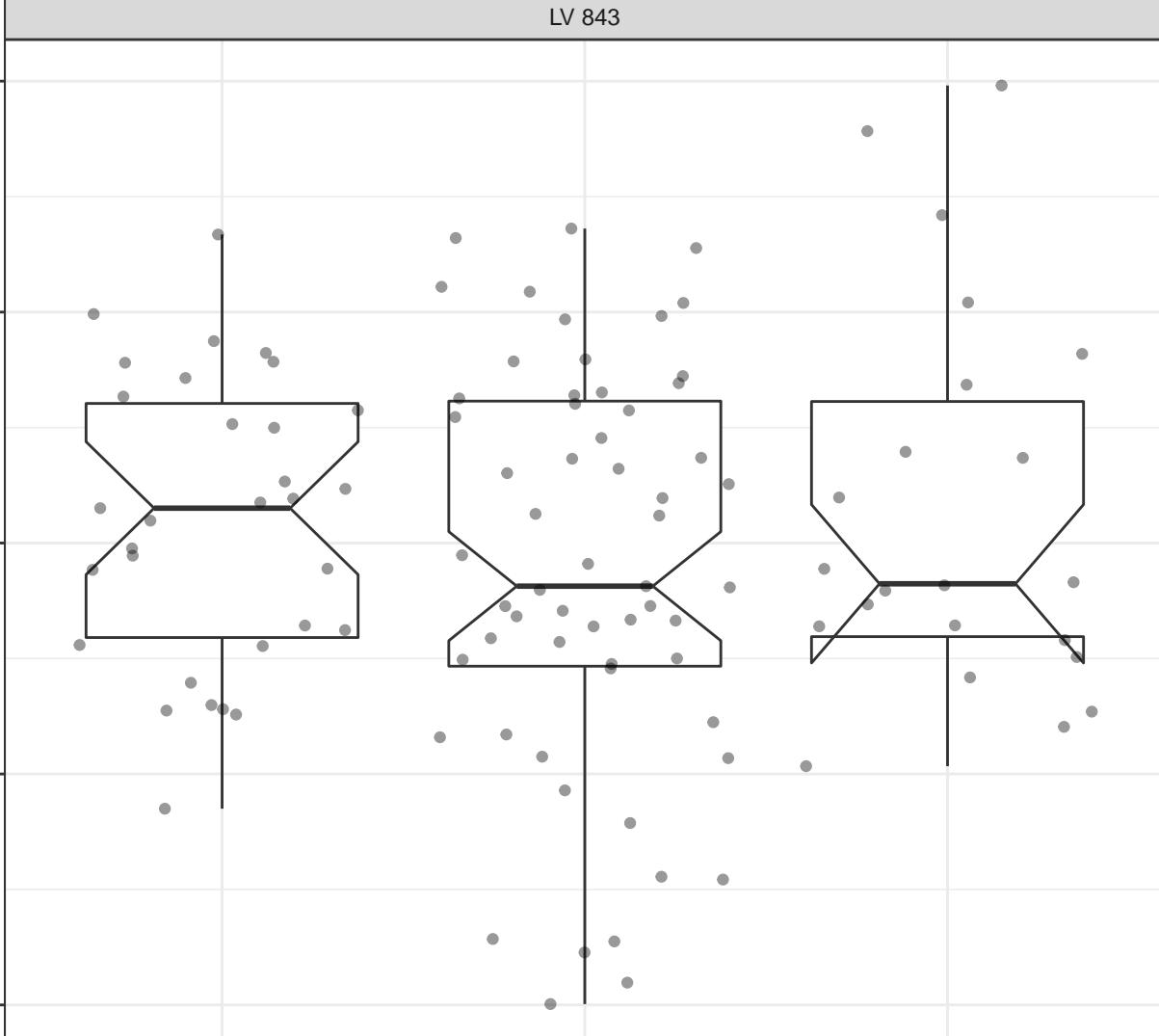
-0.06

Living donor control

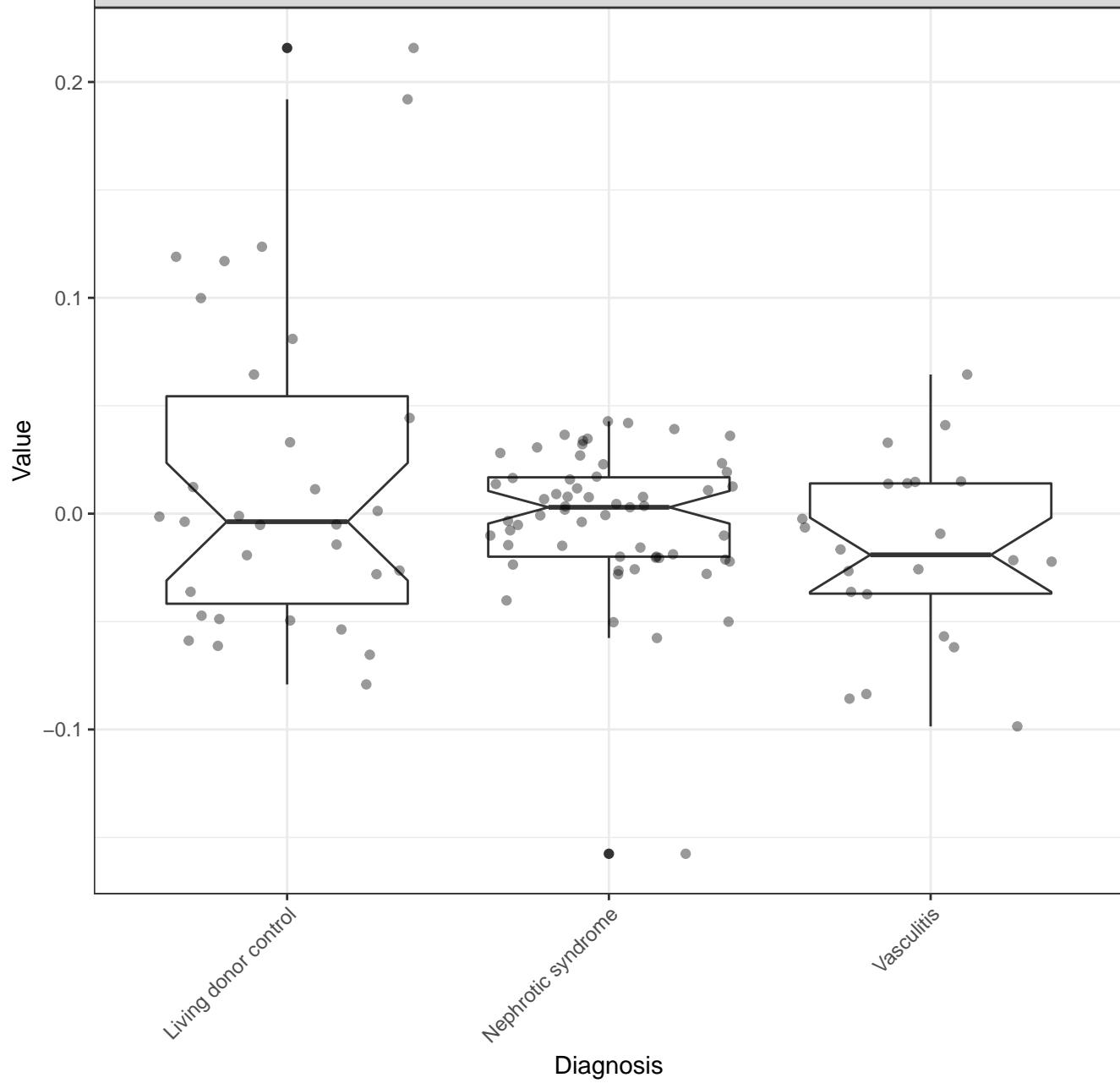
Nephrotic syndrome

Vasculitis

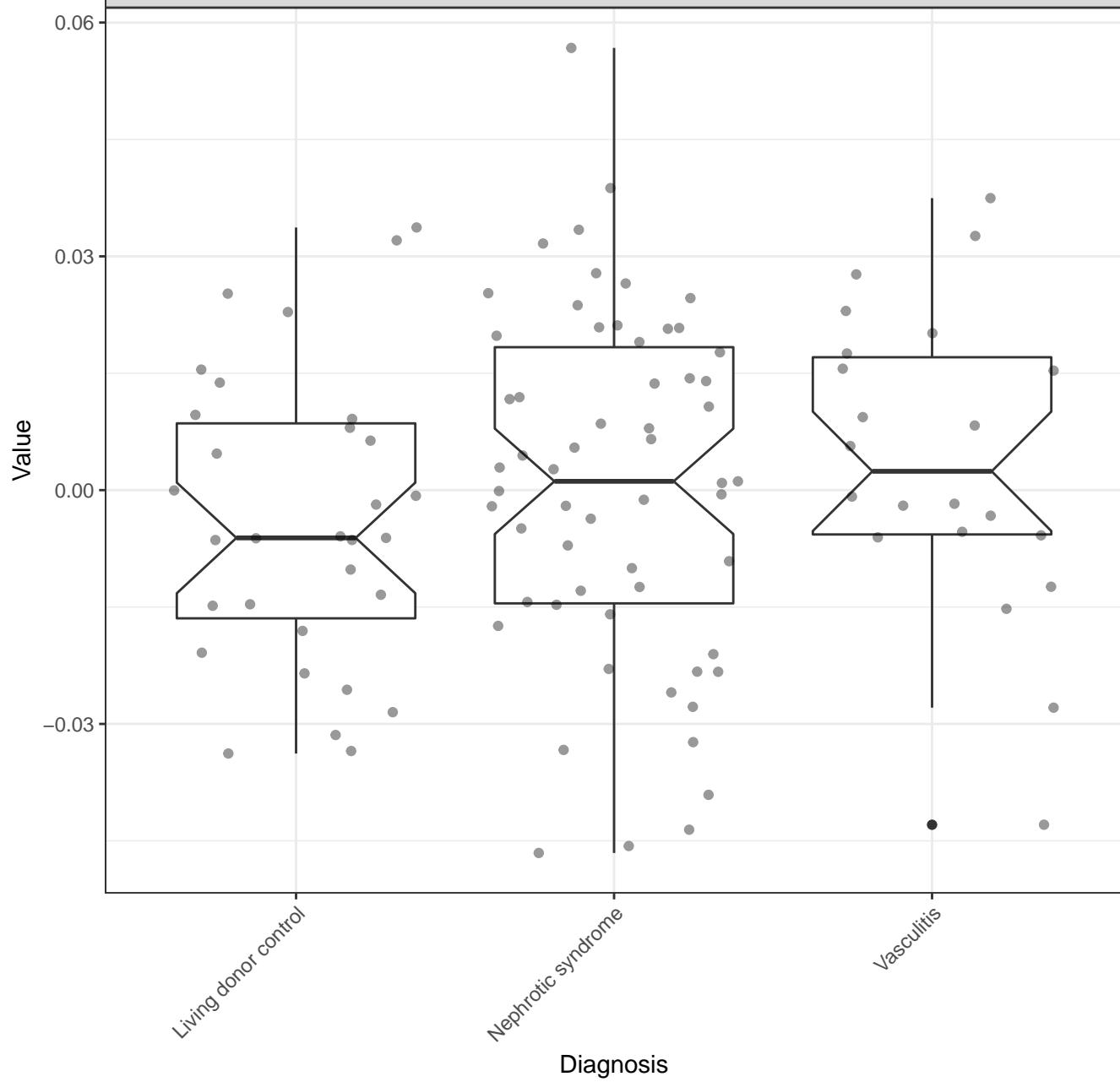
Diagnosis



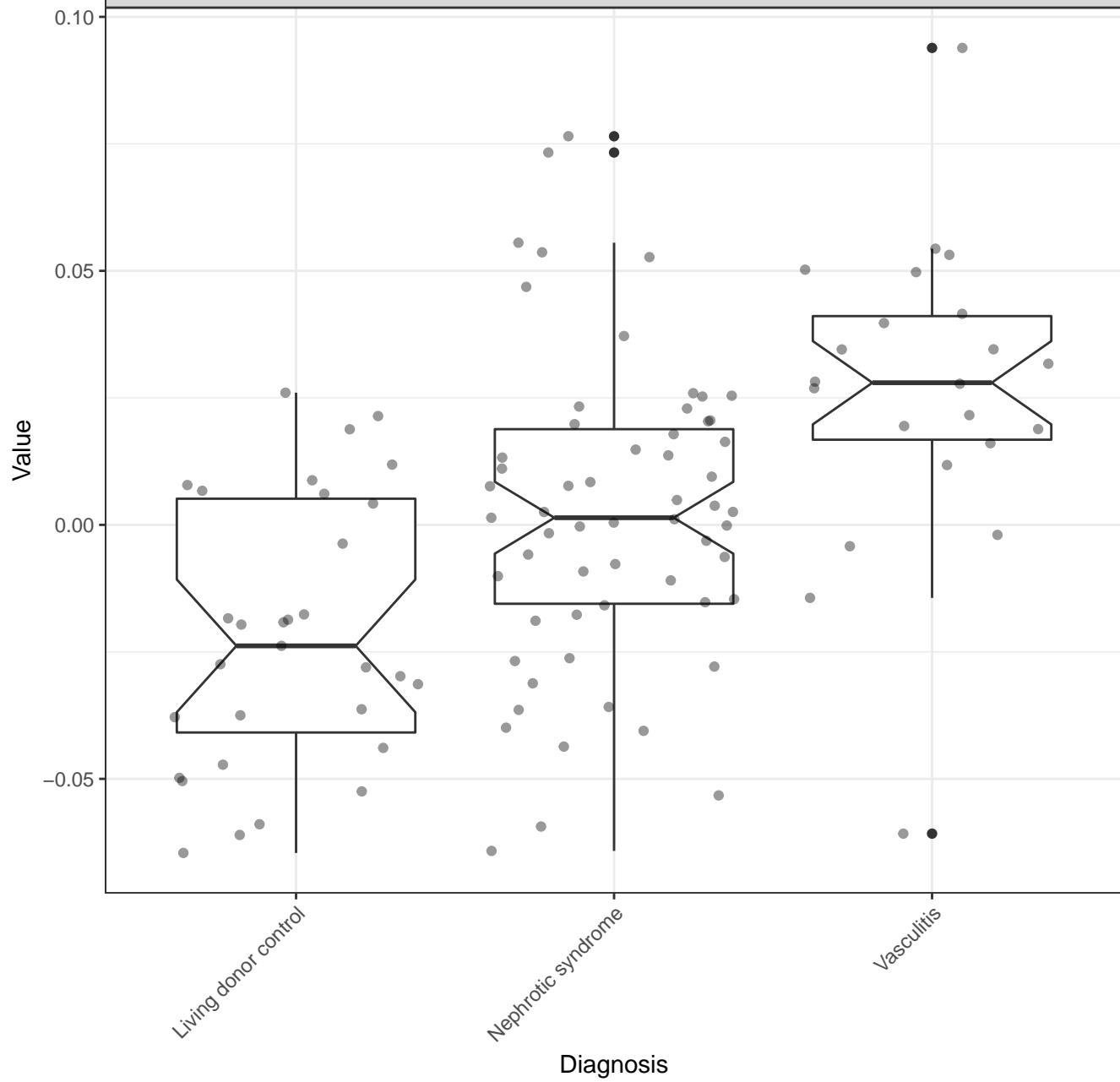
# 844,KEGG\_ANTIGEN\_PROCESSING\_AND\_PRESENTATION



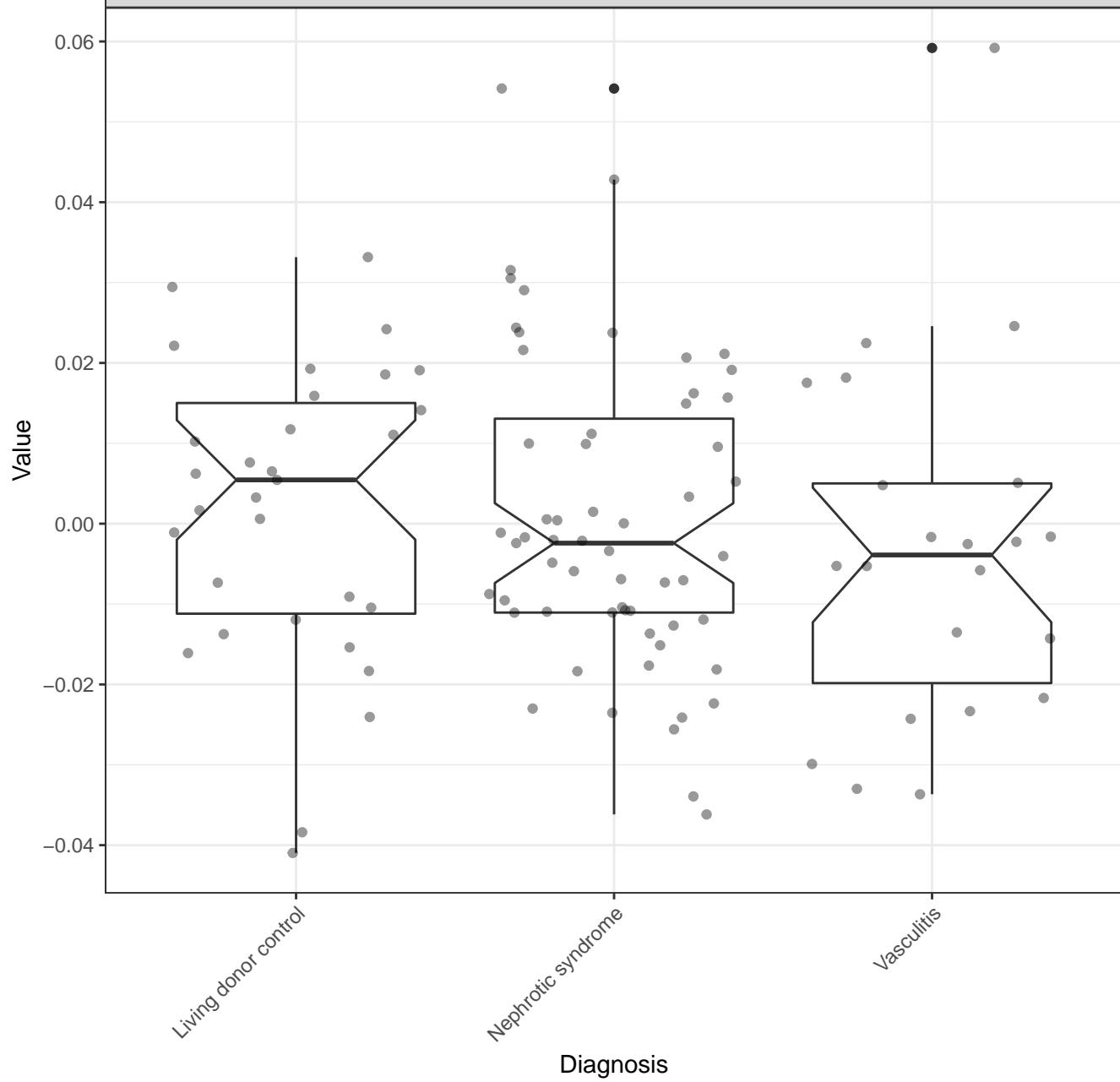
LV 845



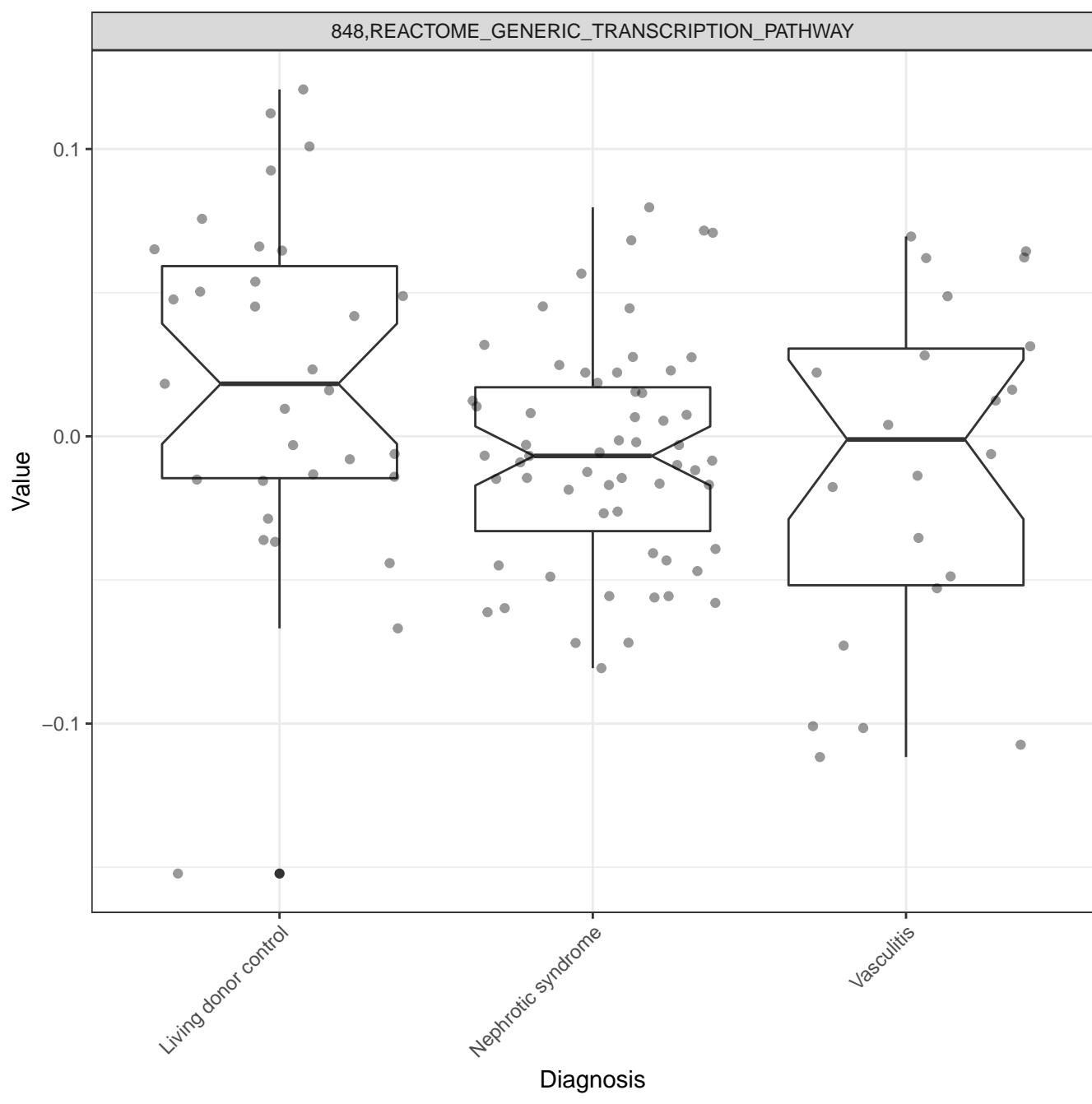
LV 846



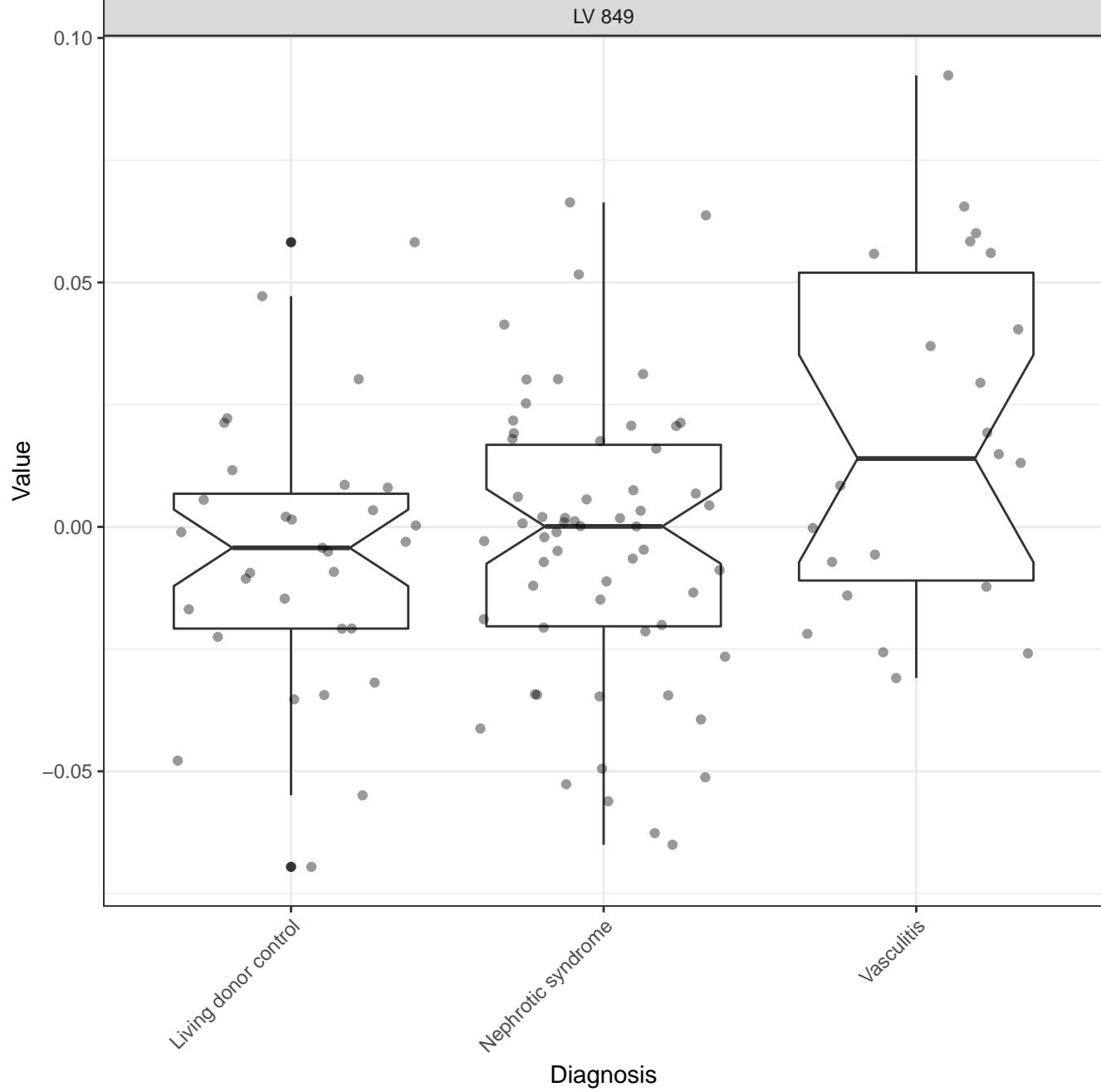
## 847,REACTOME\_AMYLOIDS



## 848,REACTOME\_GENERIC\_TRANSSCRIPTION\_PATHWAY



LV 849



Value

0.05

0.00

-0.05

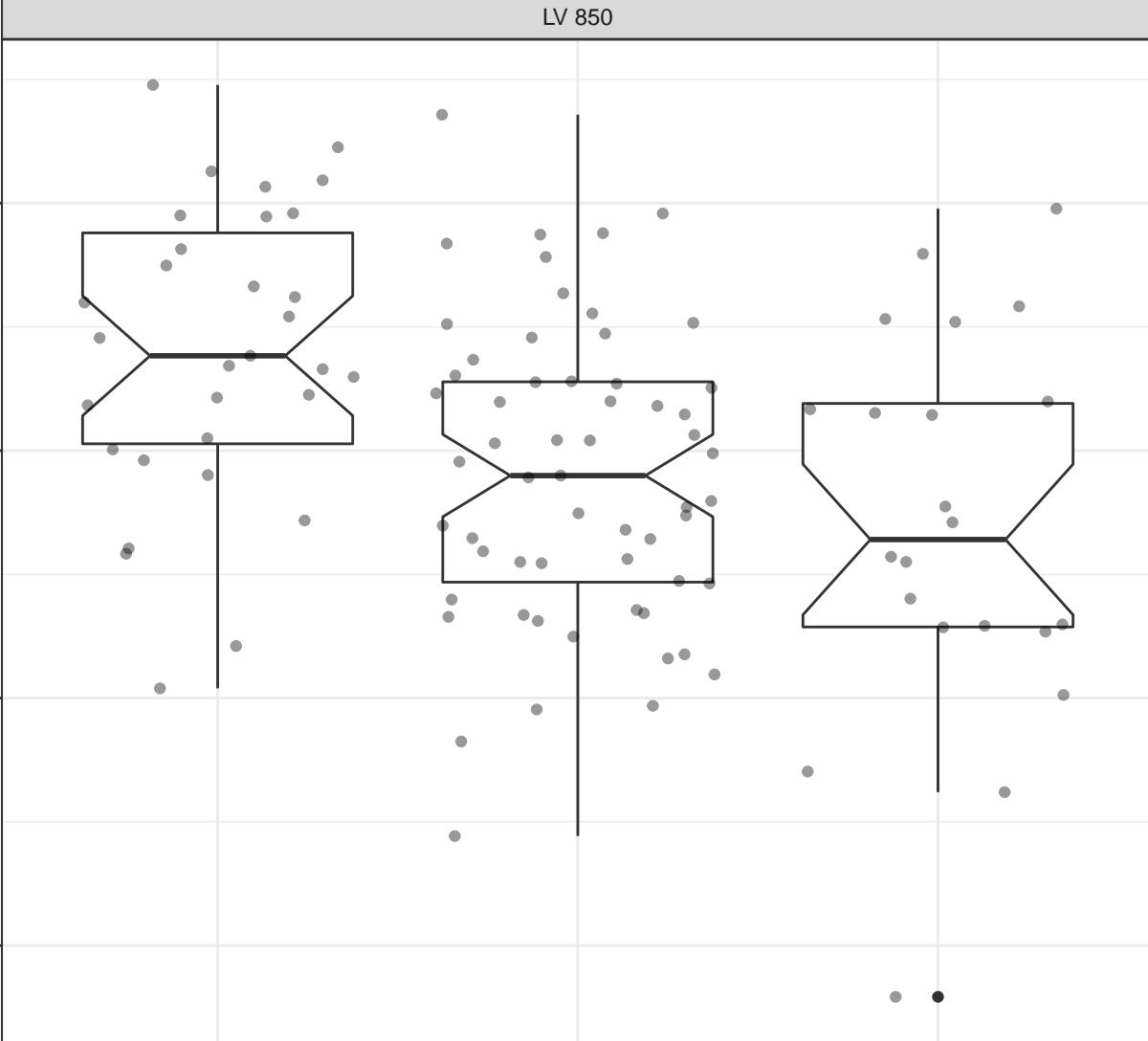
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 851

Value

0.10

0.05

0.00

-0.05

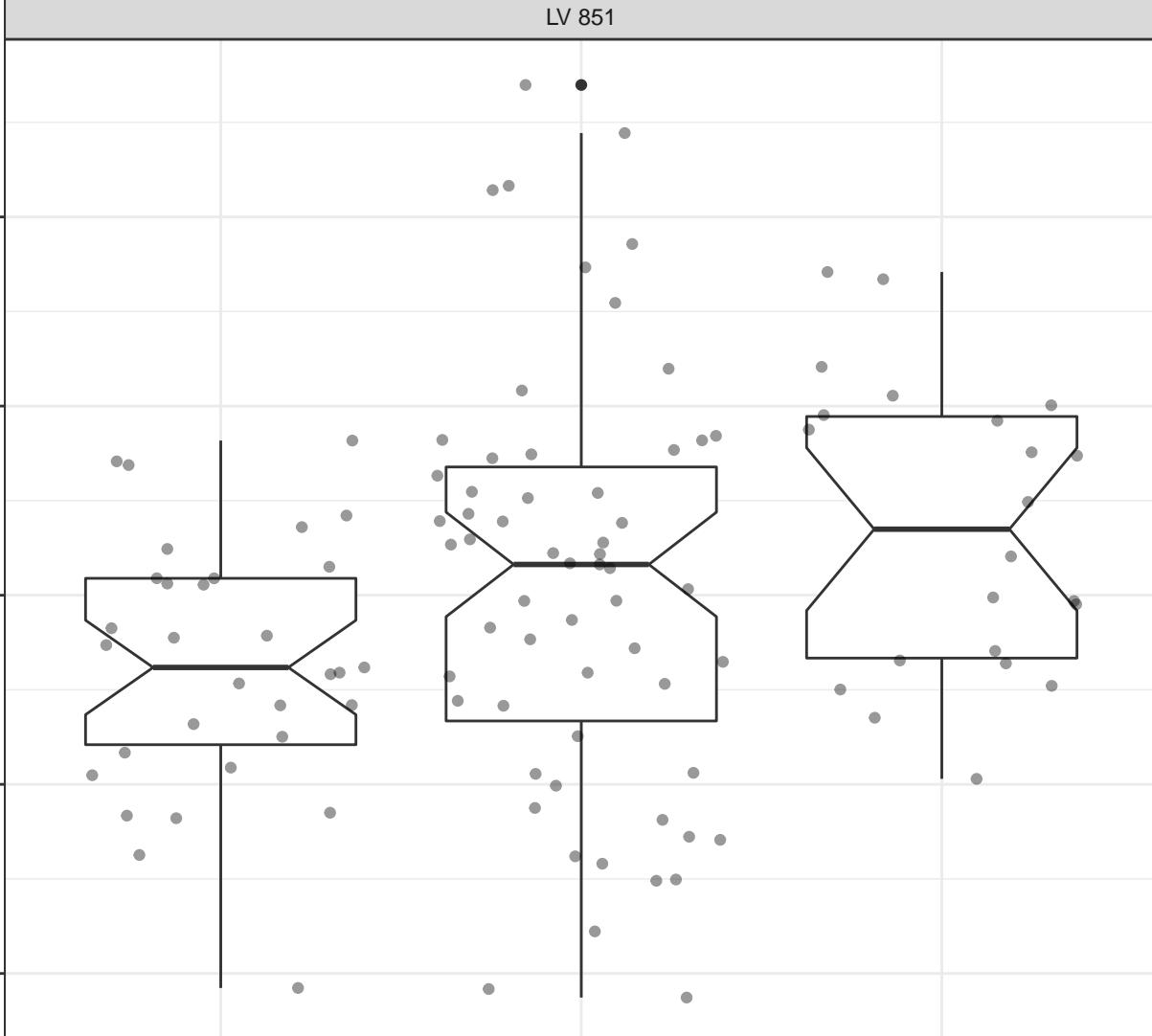
-0.10

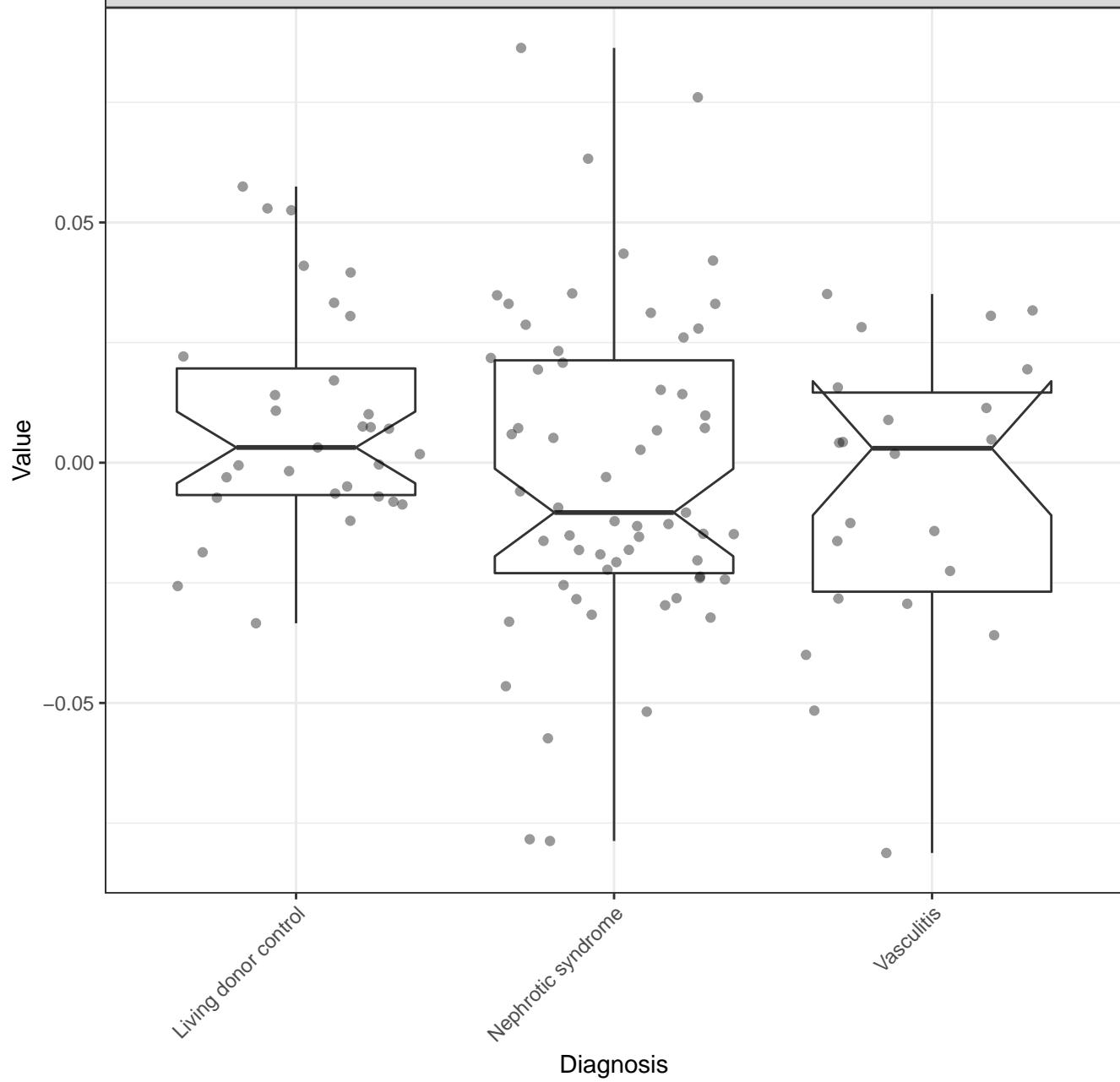
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.10

0.05

0.00

-0.05

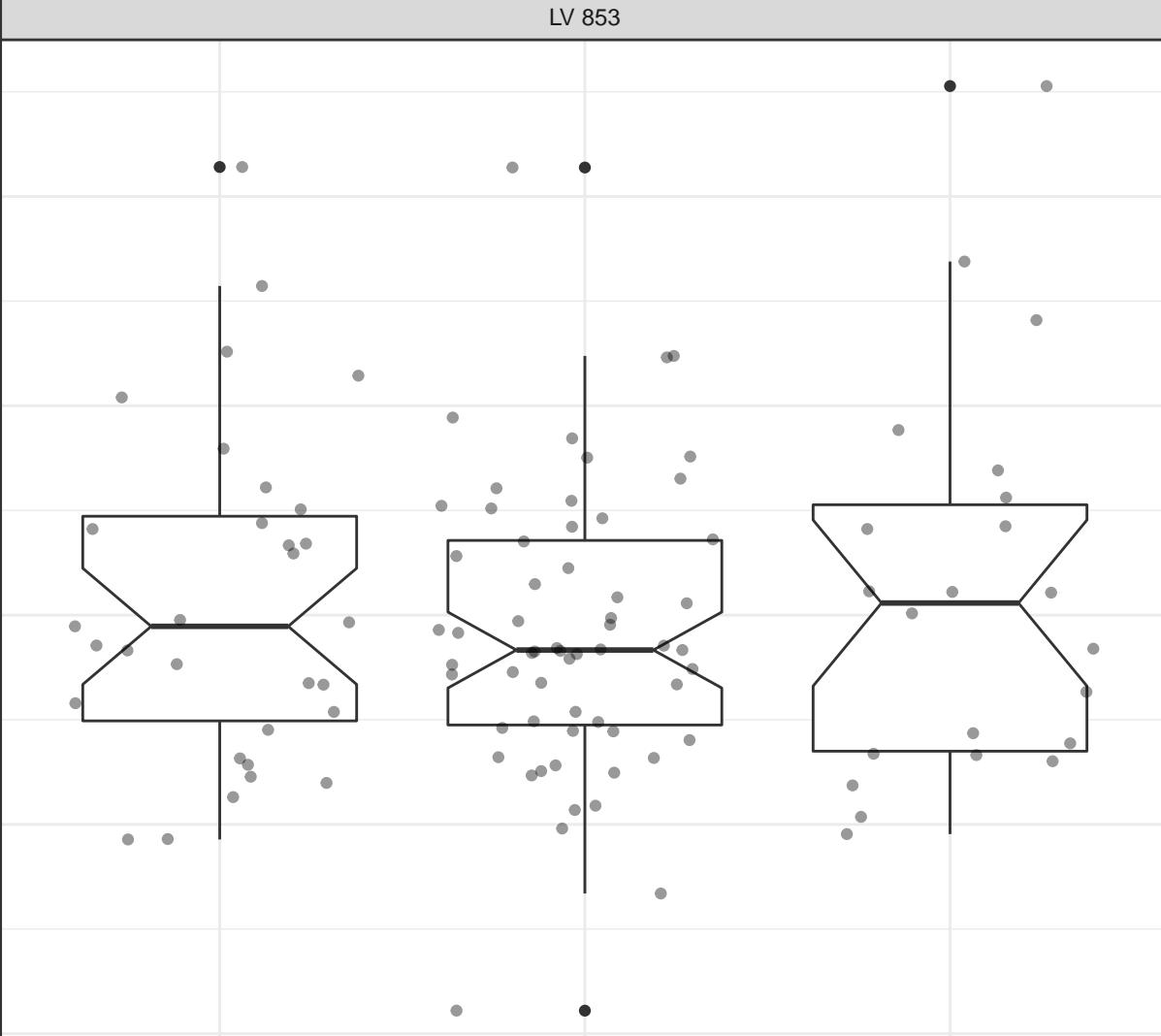
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.2

0.1

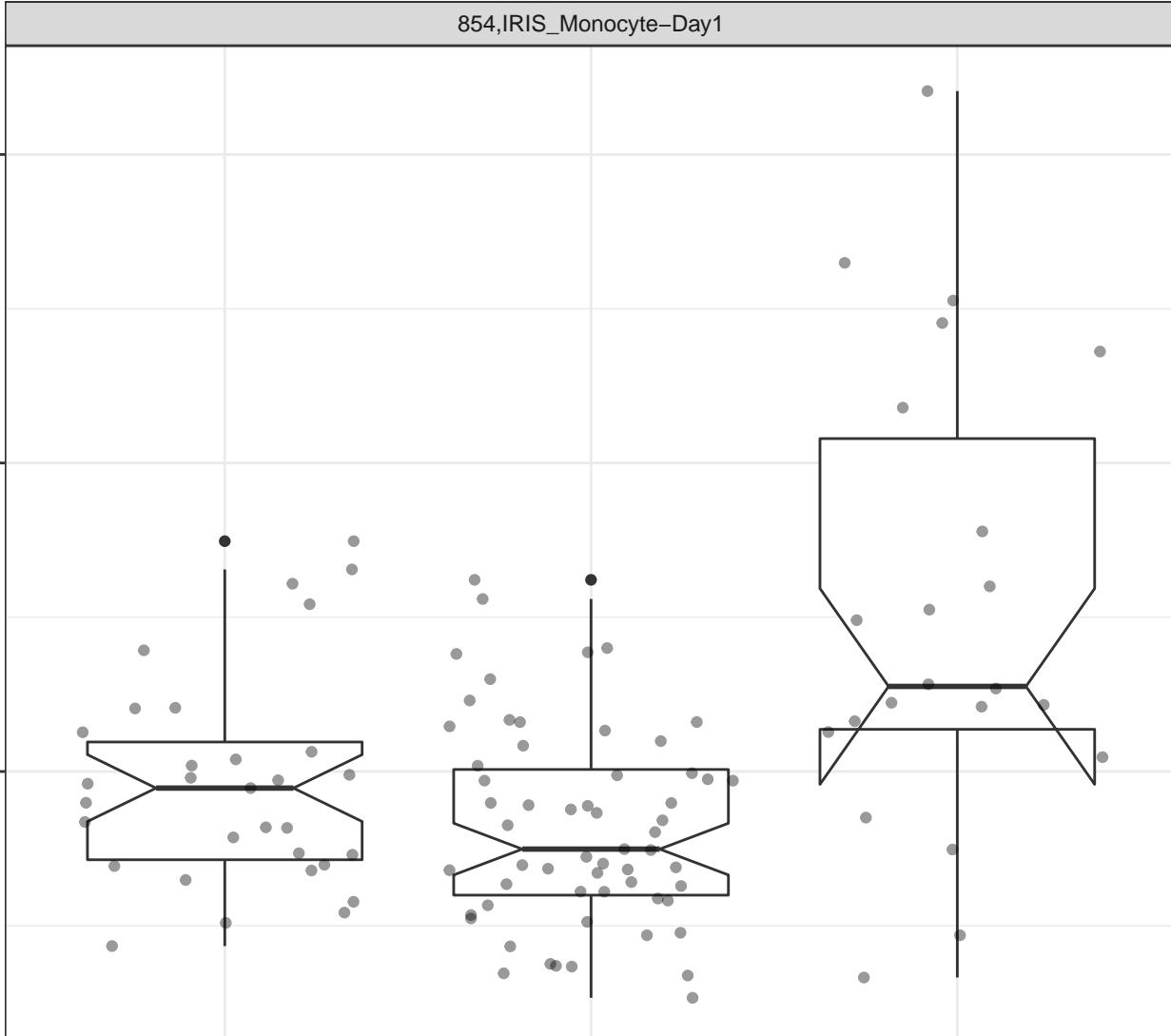
0.0

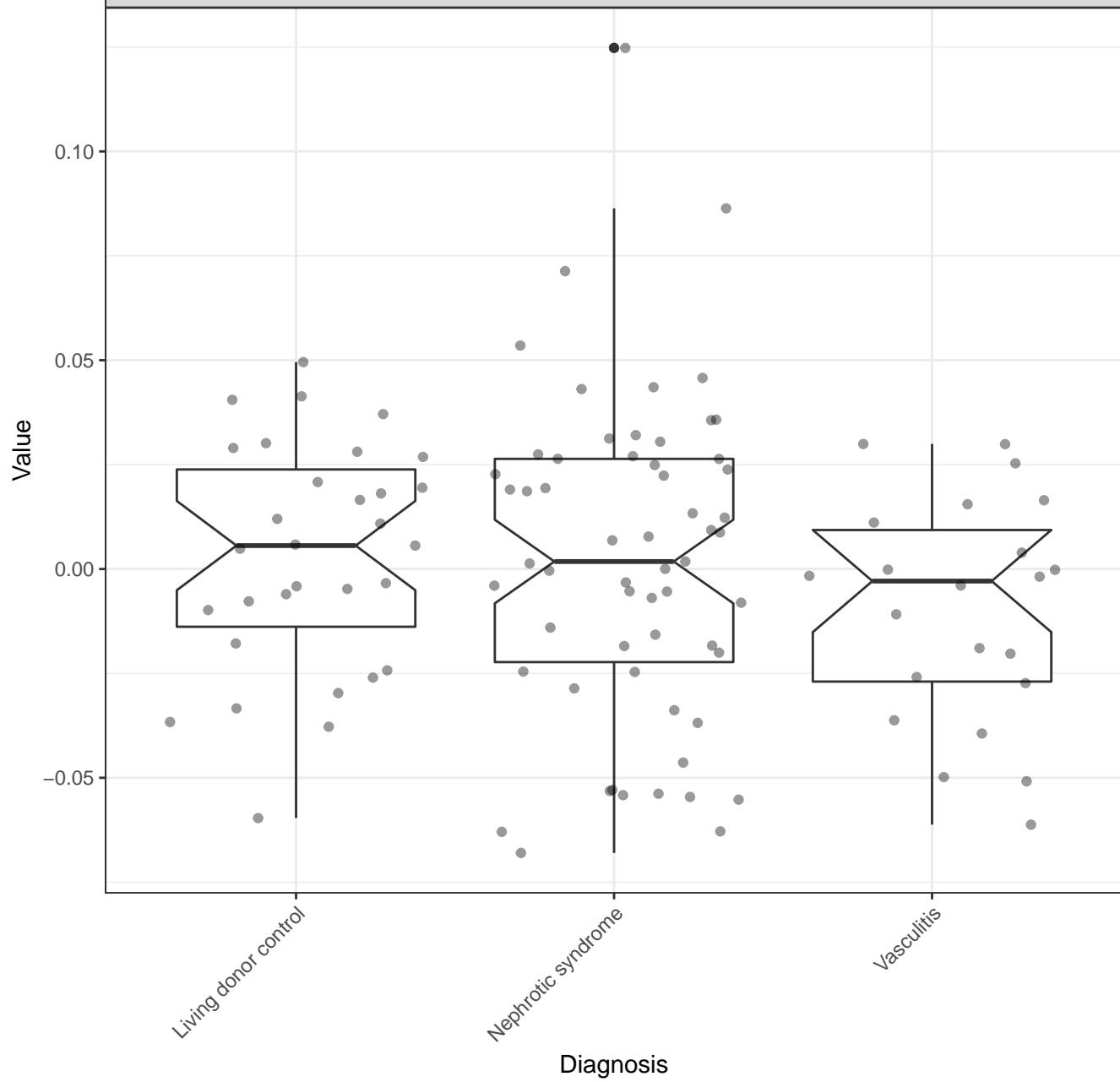
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 856

Value

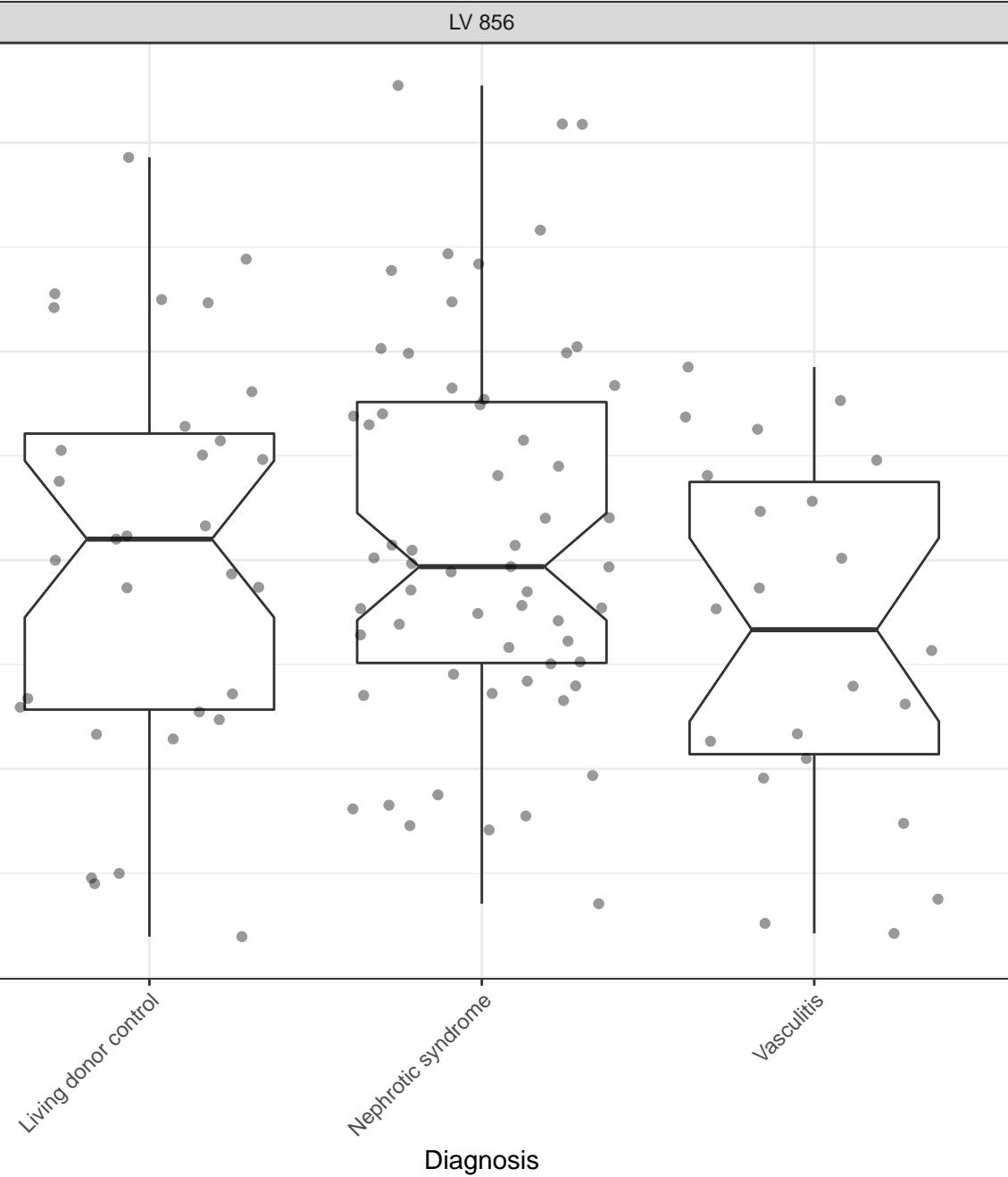
0.050  
0.025  
0.000  
-0.025  
-0.050

Living donor control

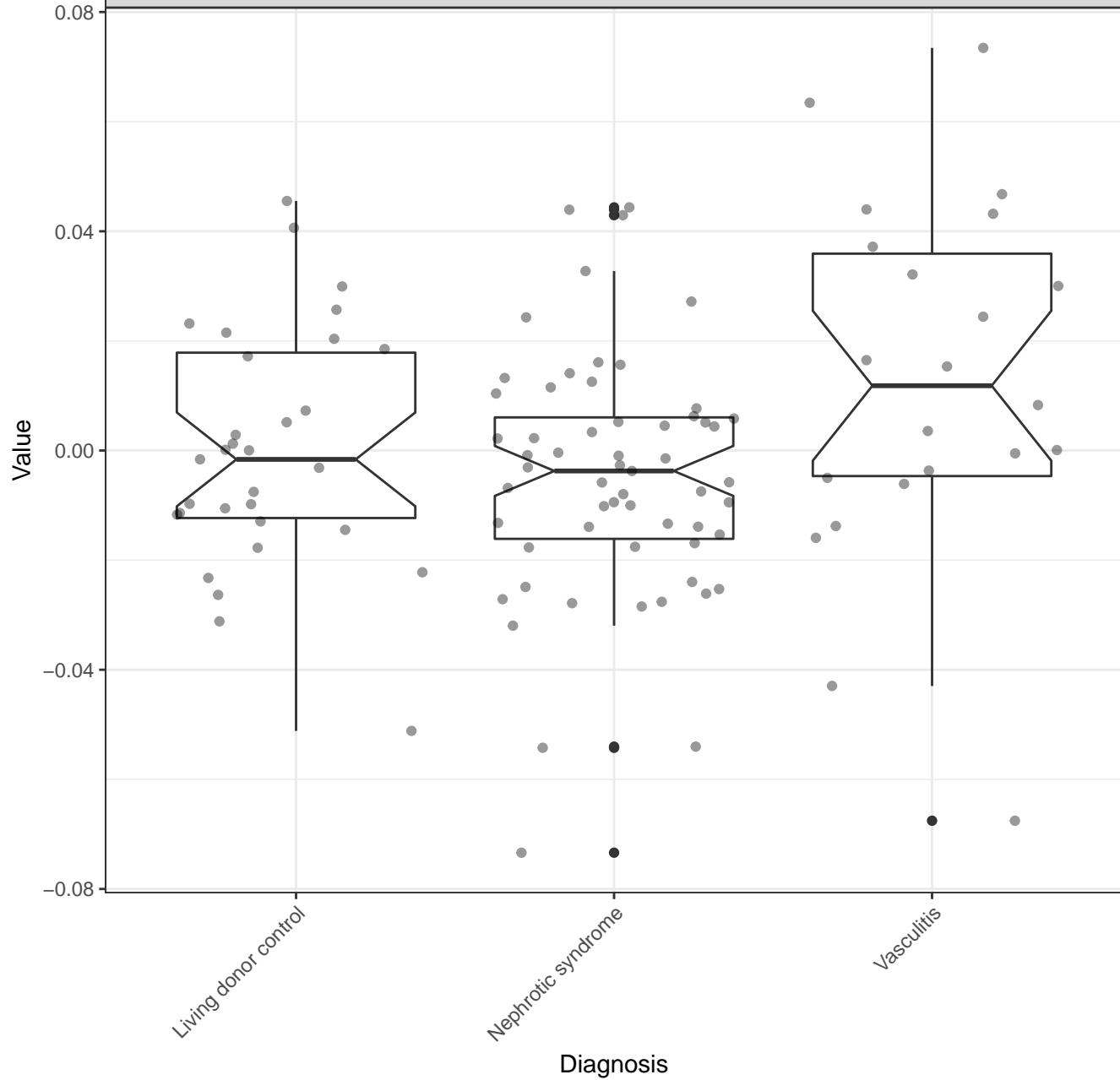
Nephrotic syndrome

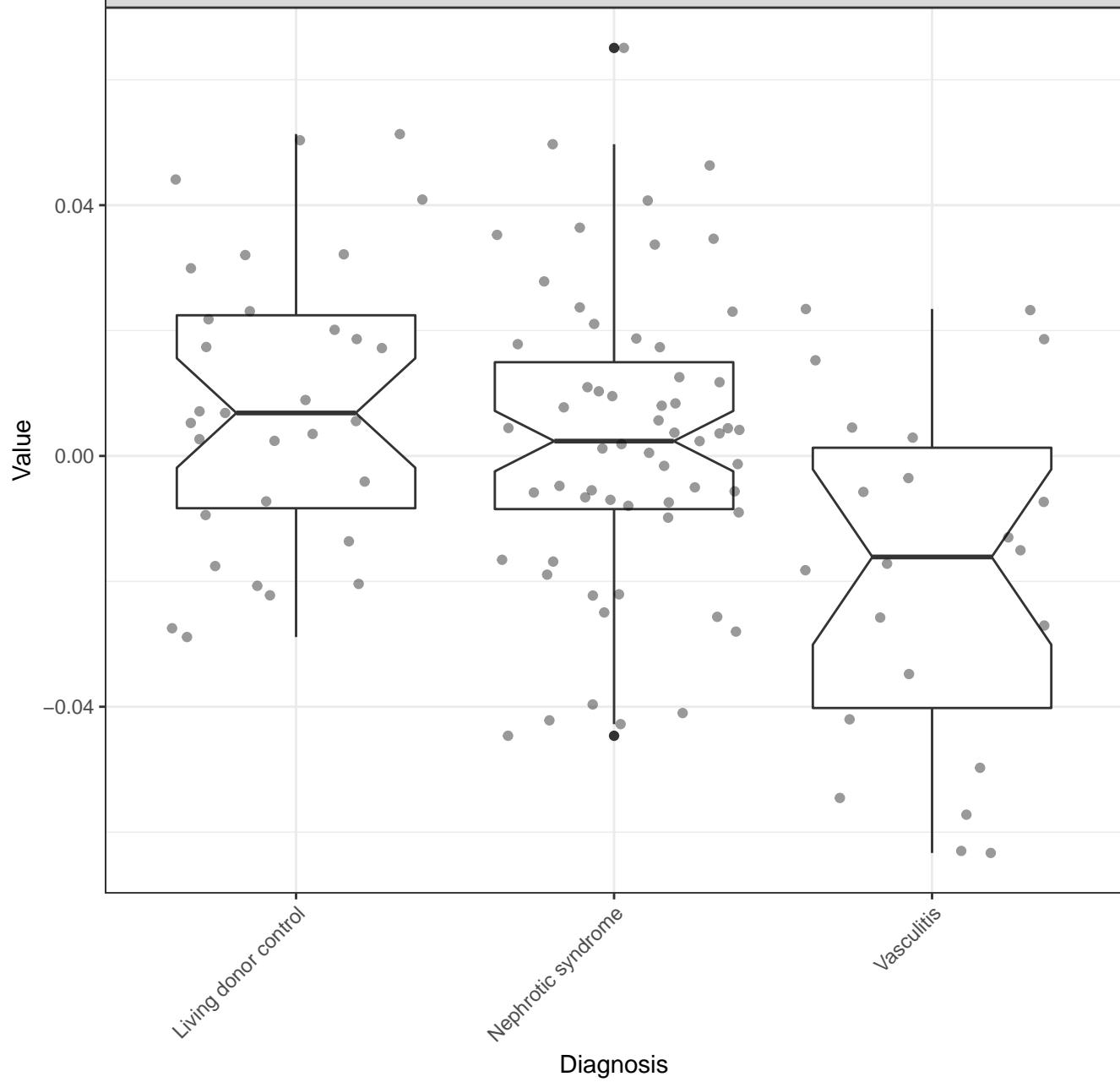
Vasculitis

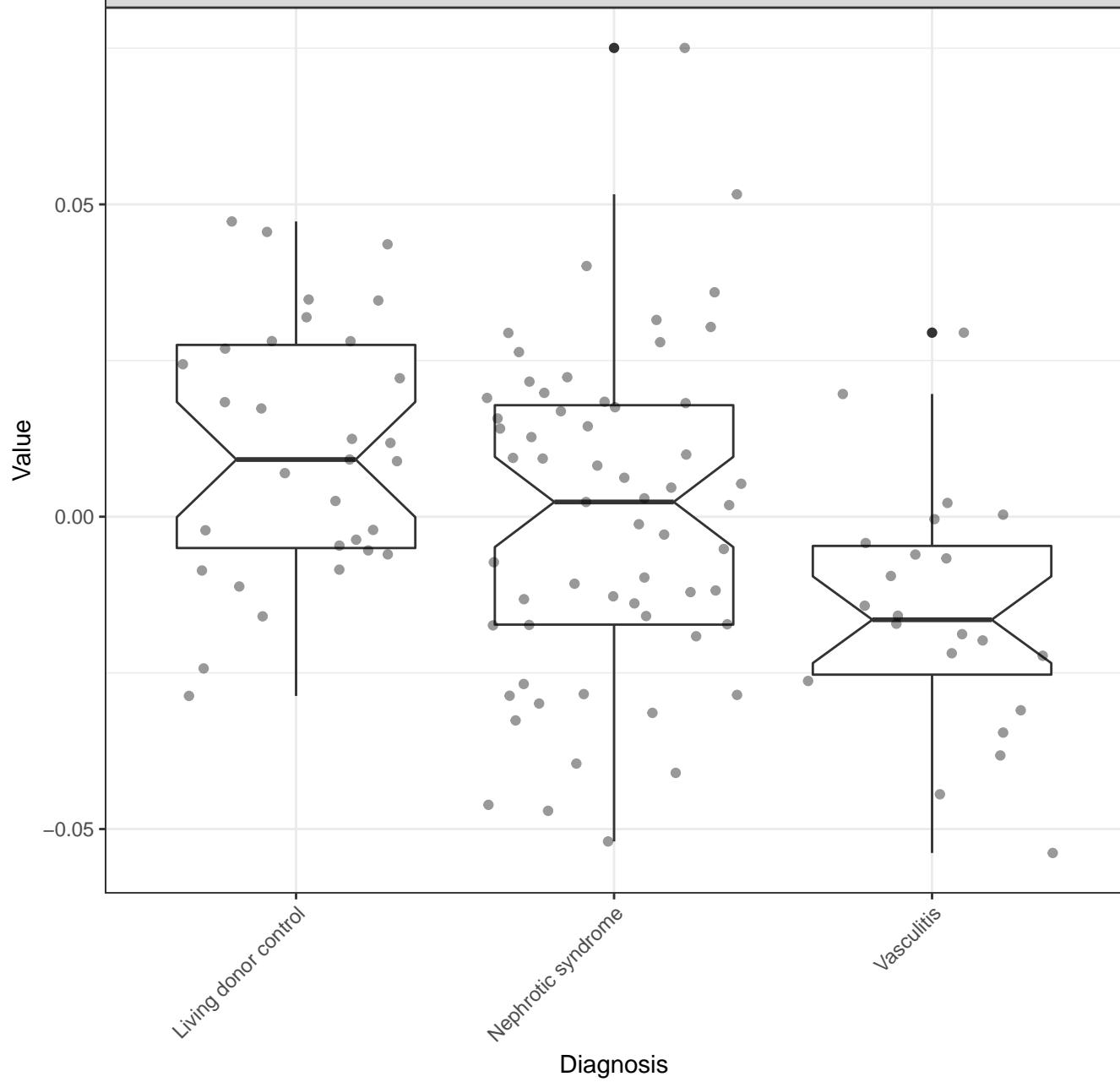
Diagnosis

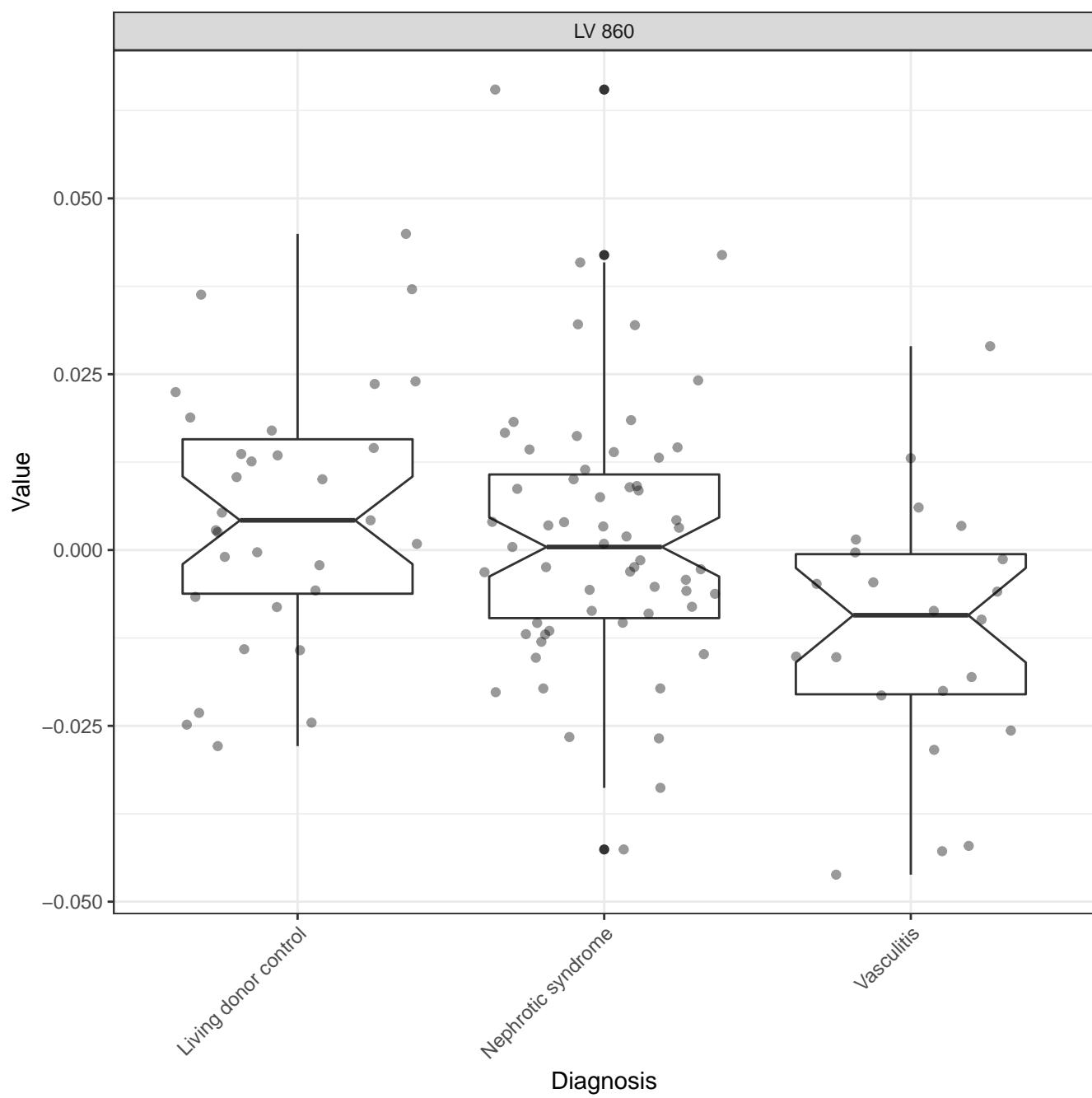


LV 857









LV 861

Value

0.1

0.0

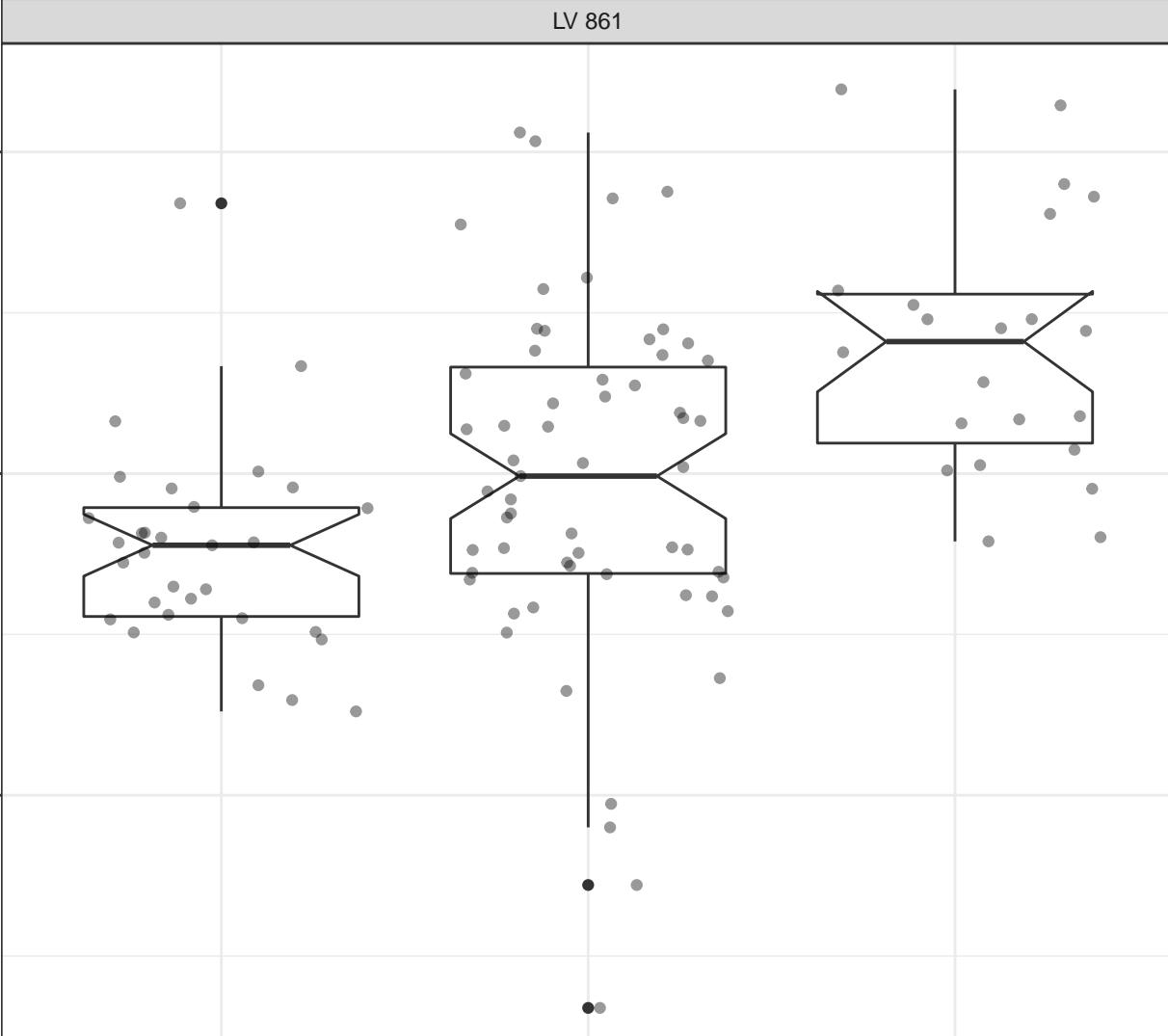
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

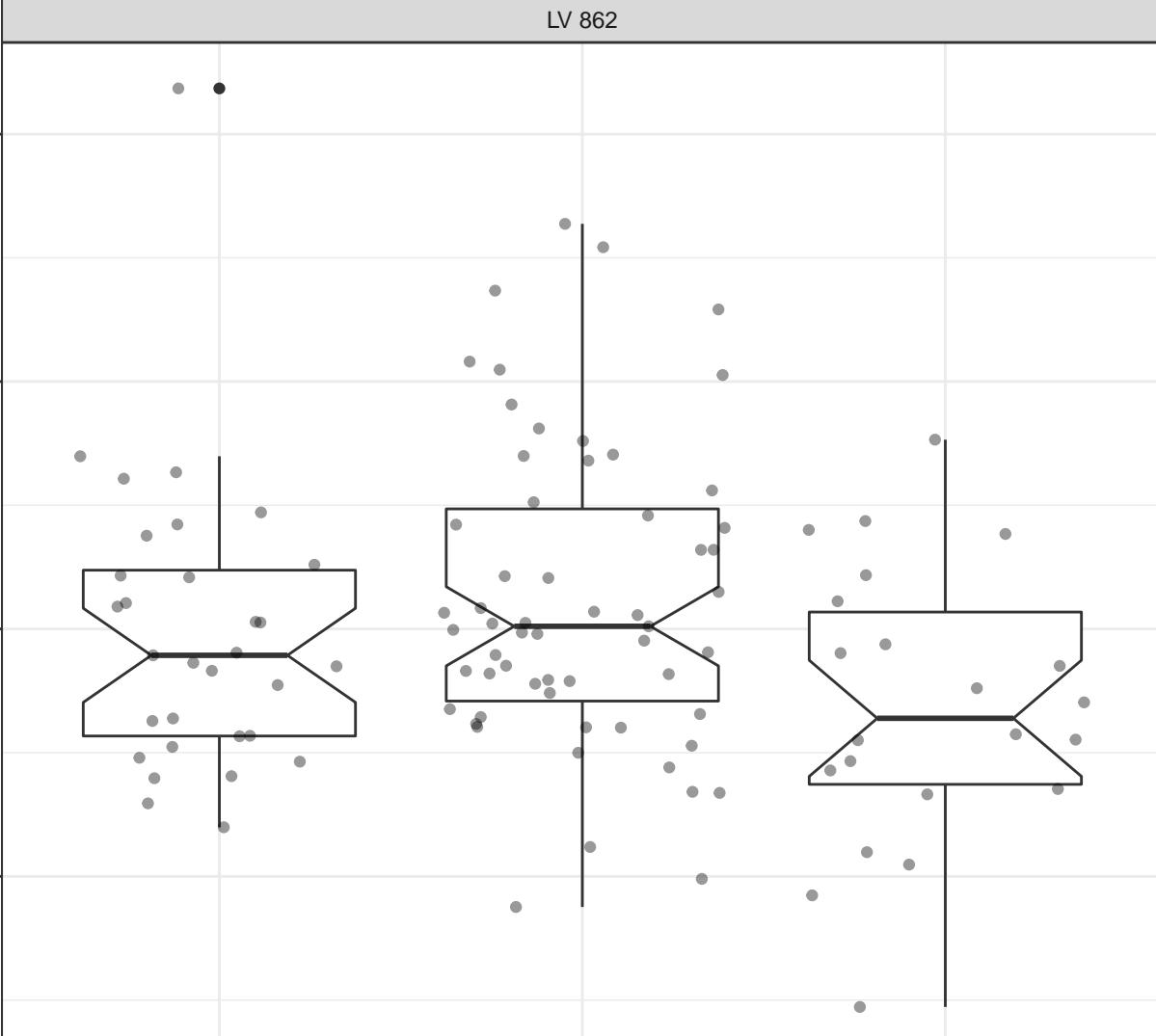
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 863

Value

0.1

0.0

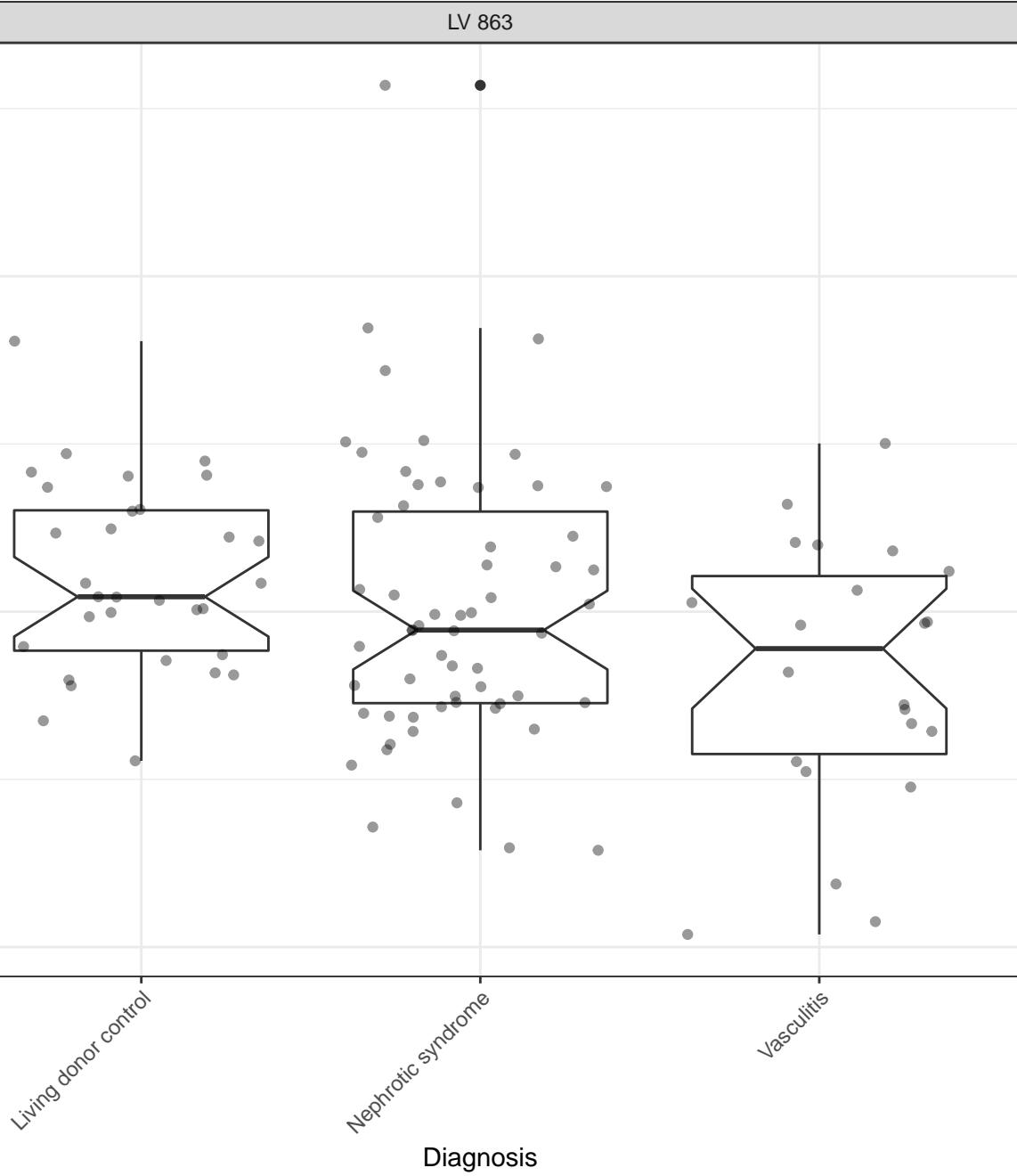
-0.1

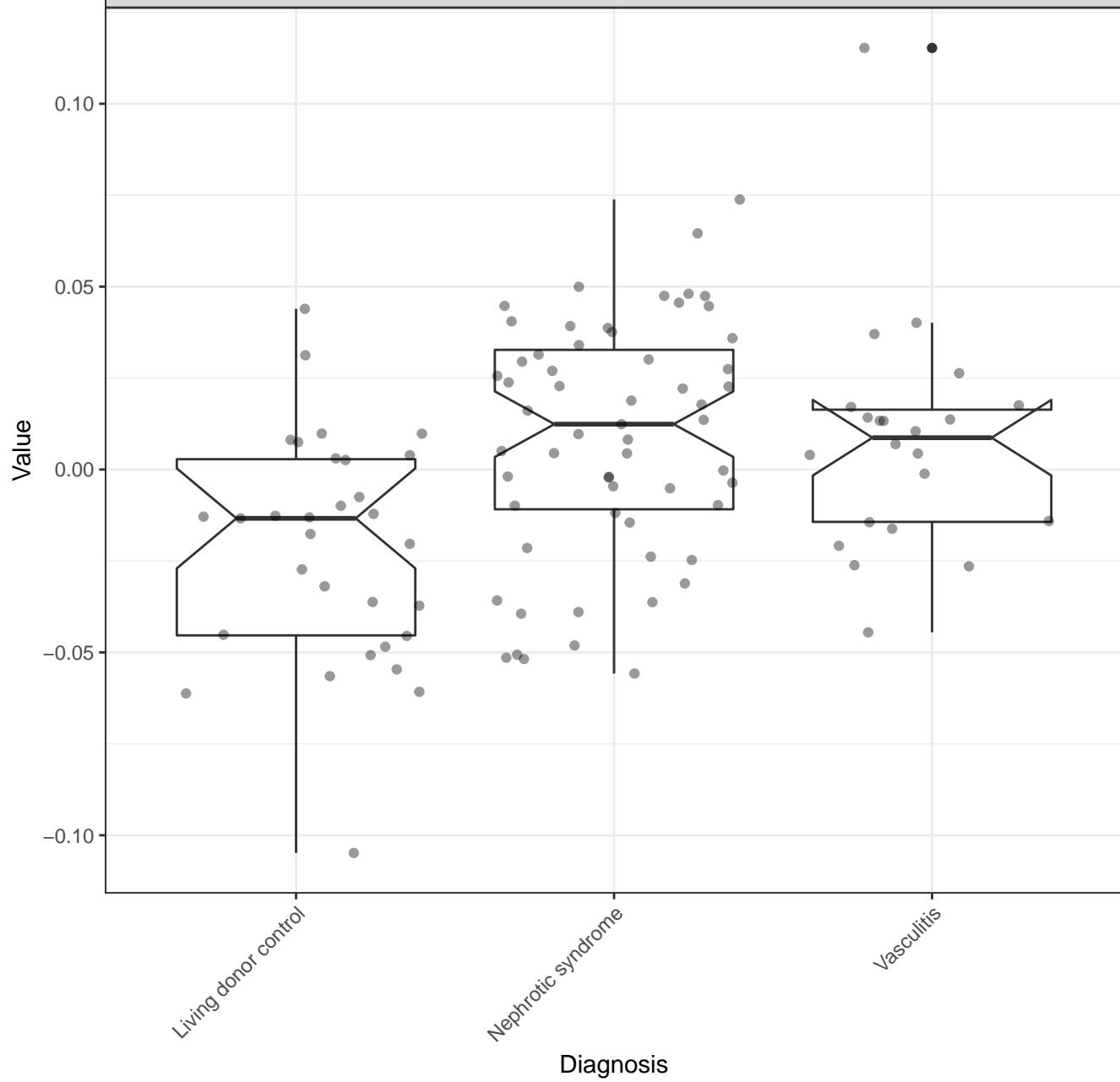
Living donor control

Nephrotic syndrome

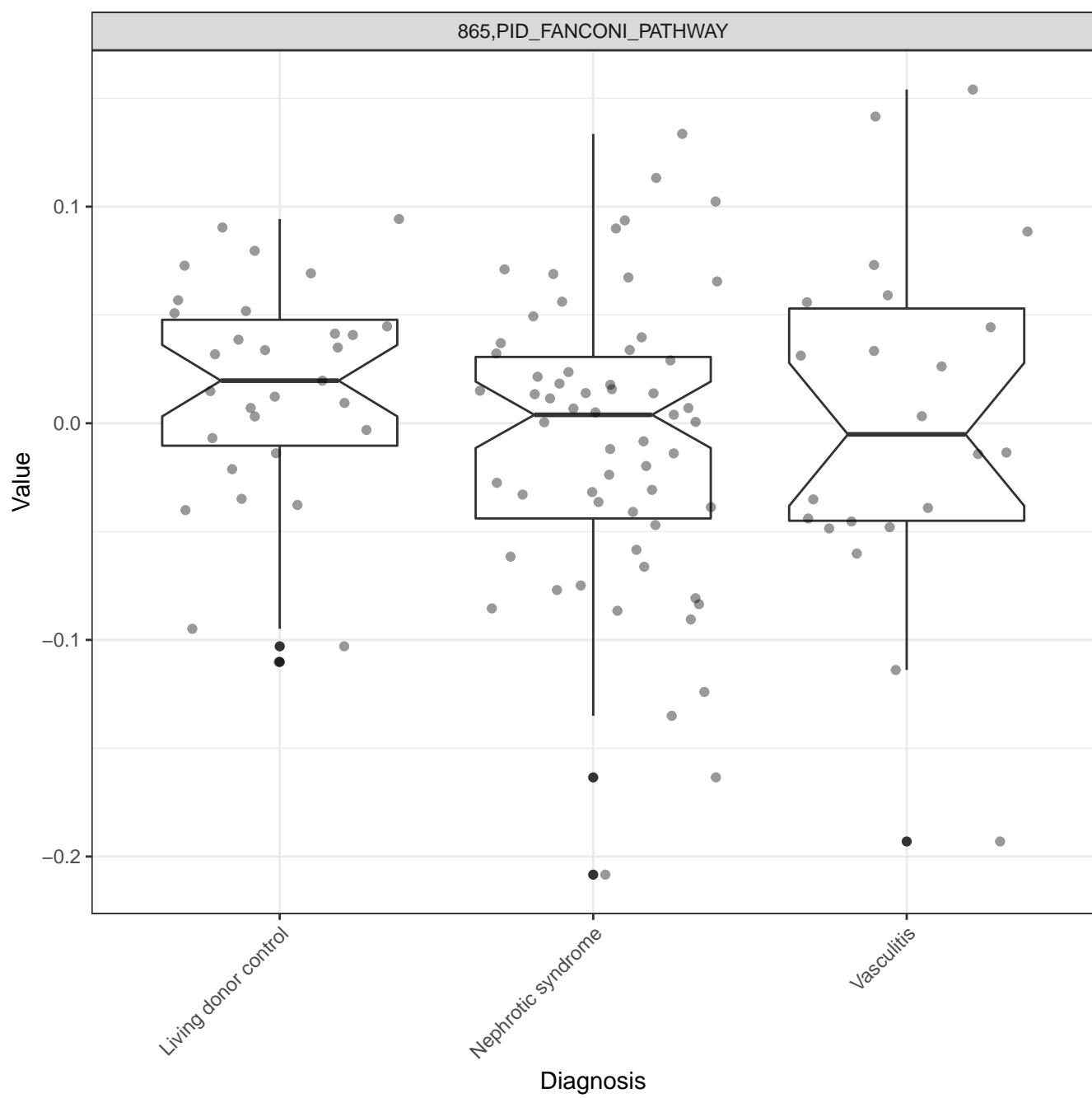
Vasculitis

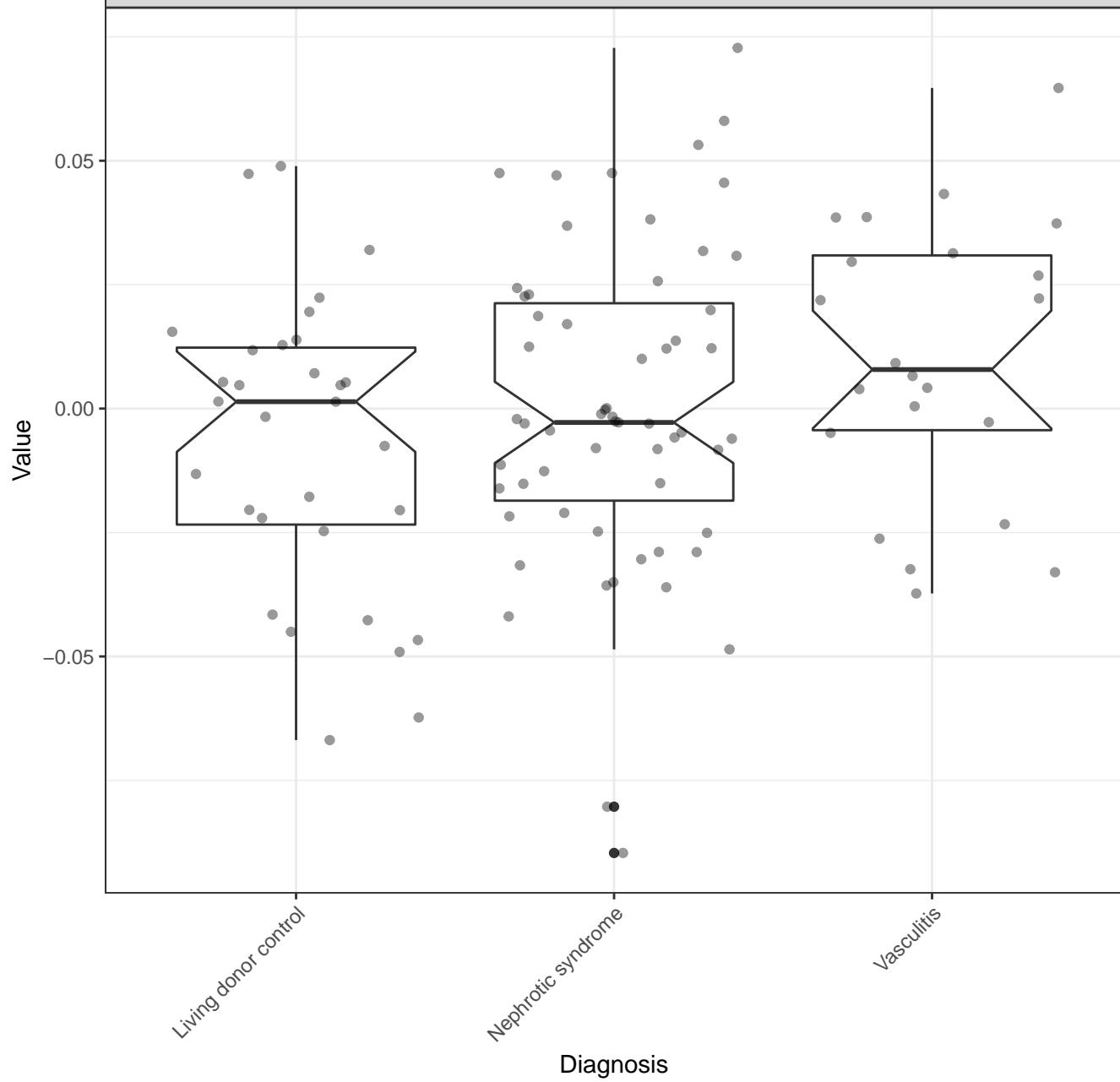
Diagnosis

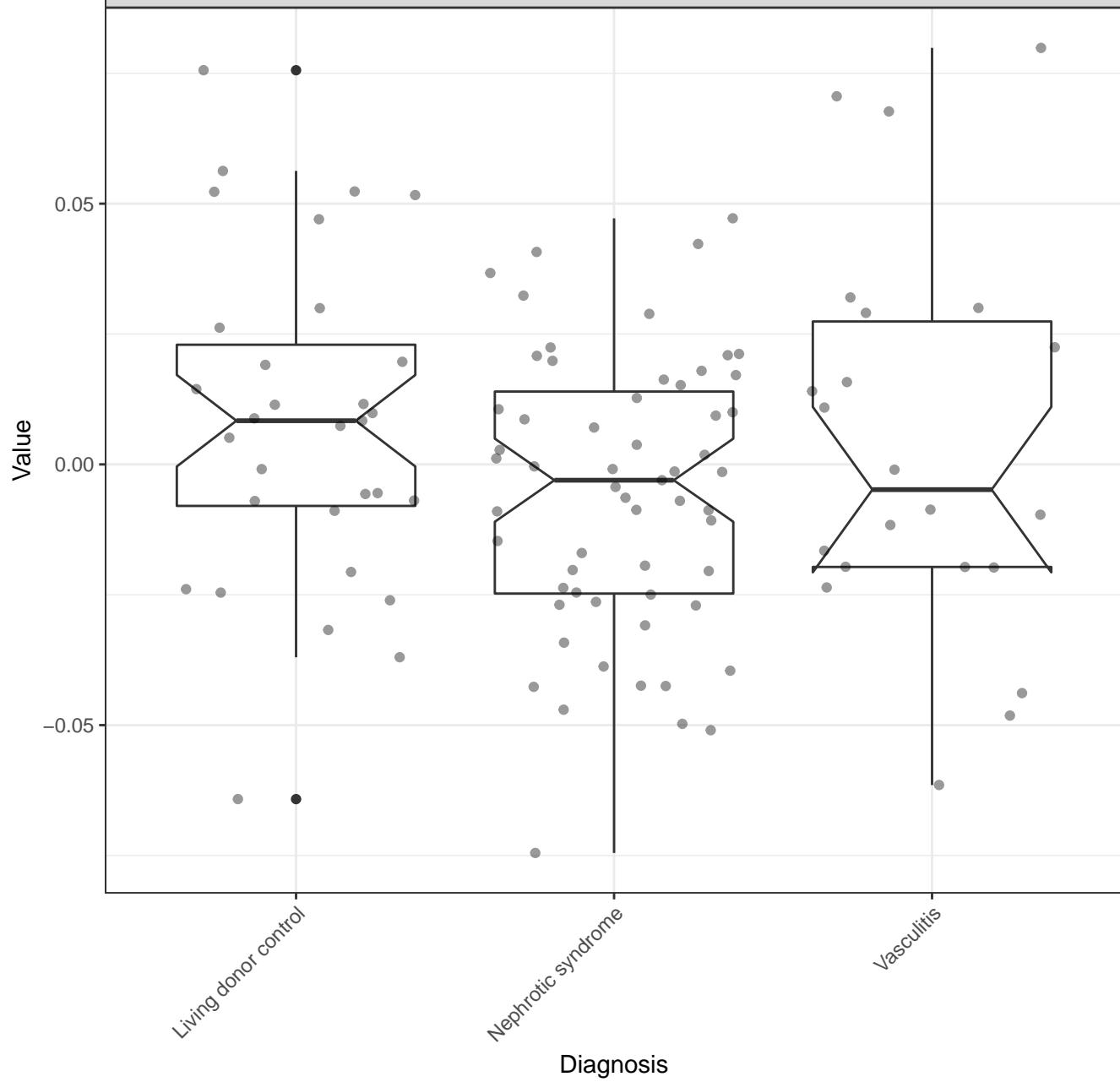




## 865,PID\_FANCONI\_PATHWAY







LV 868

Value

0.04

0.02

0.00

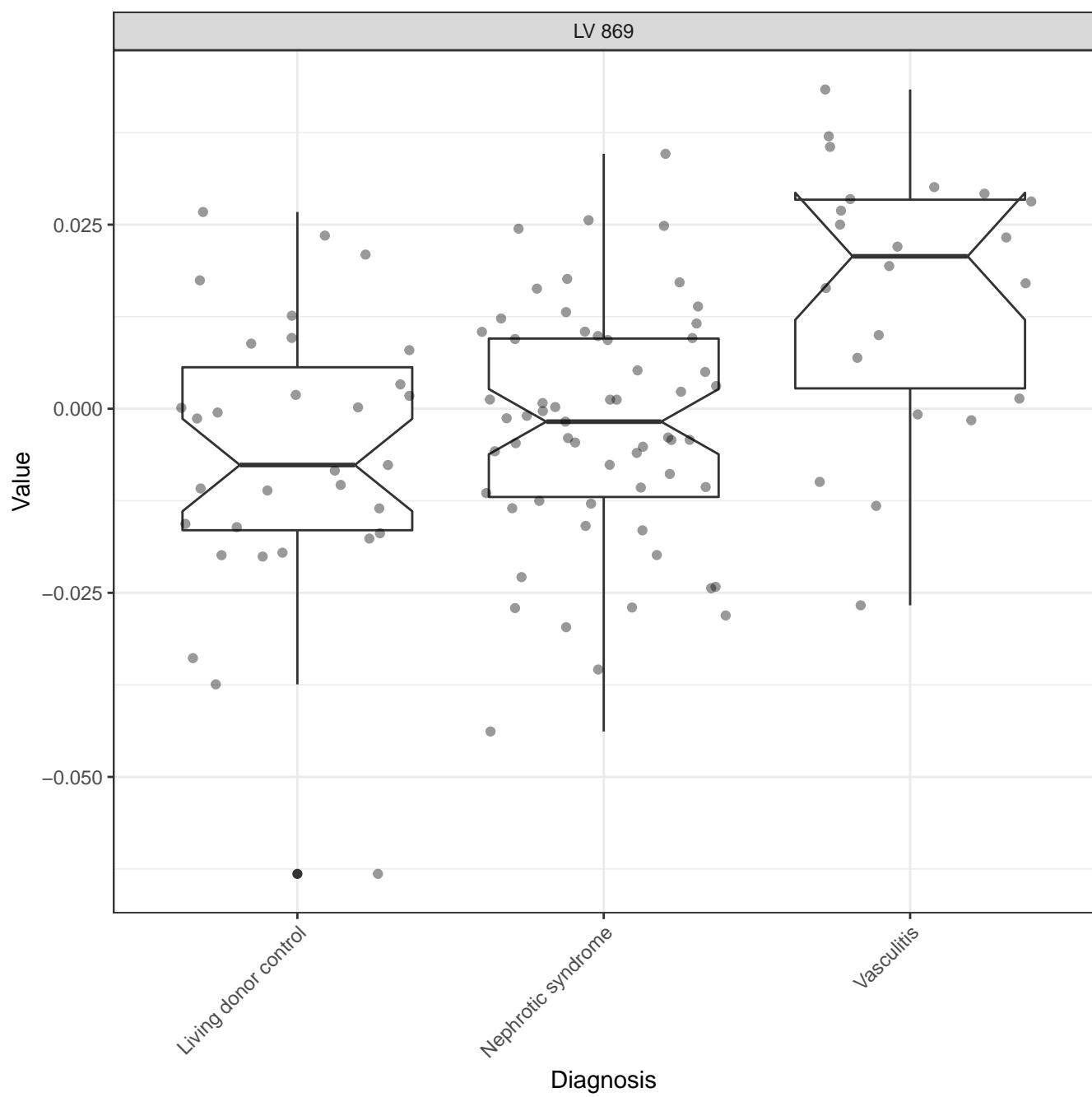
-0.02

Living donor control

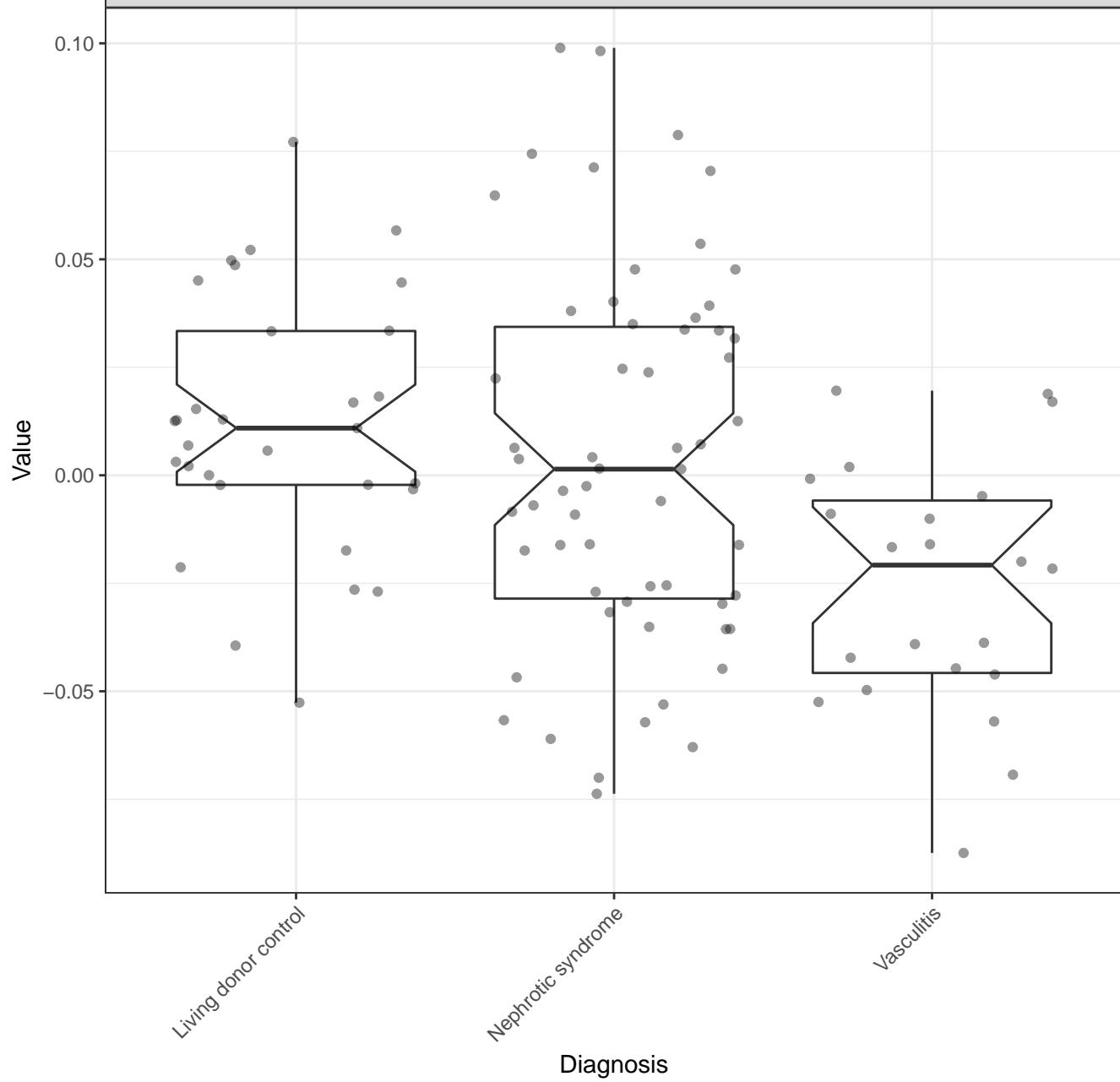
Nephrotic syndrome

Vasculitis

Diagnosis



LV 870



LV 871

Value

0.10

0.05

0.00

-0.05

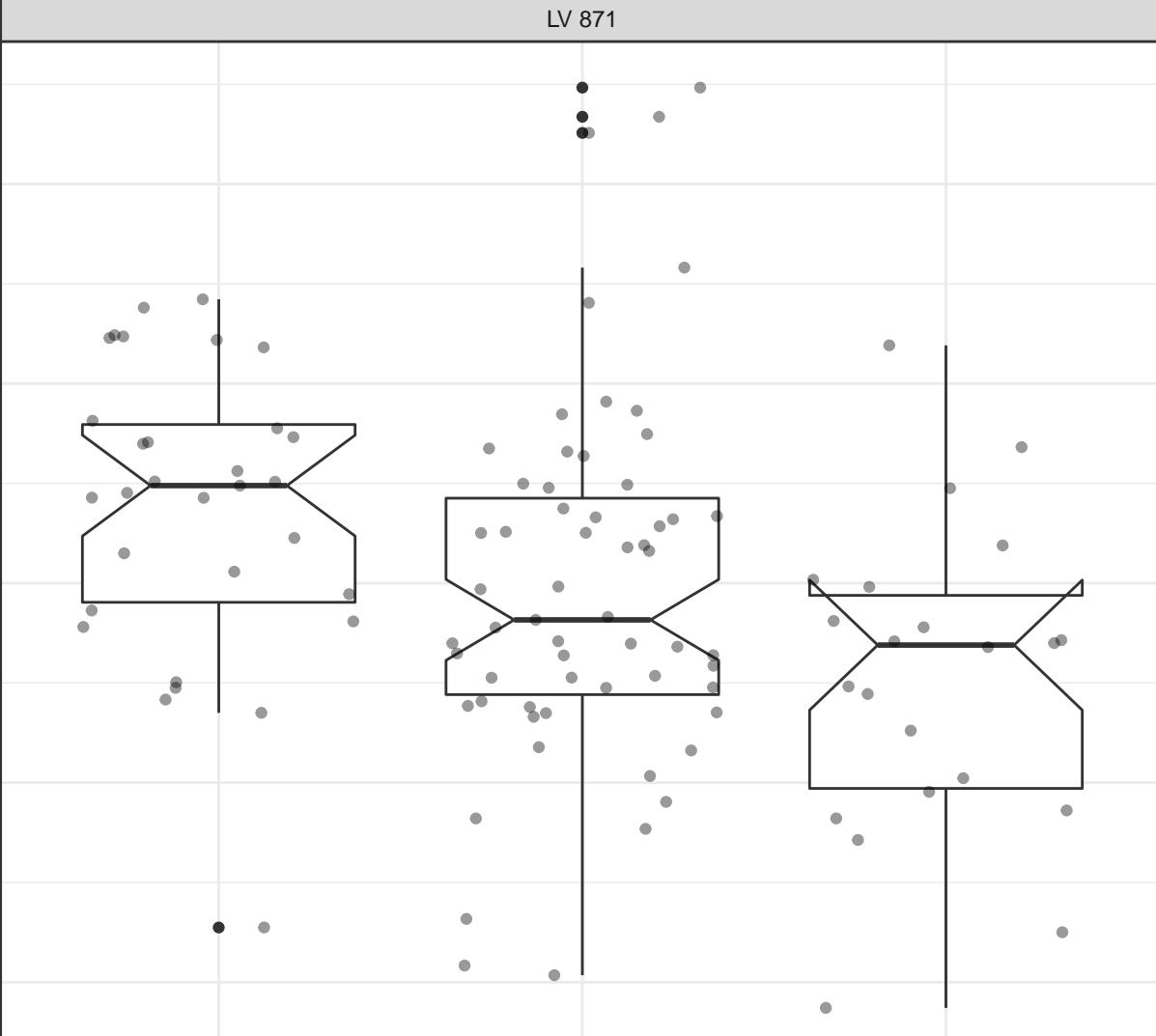
-0.10

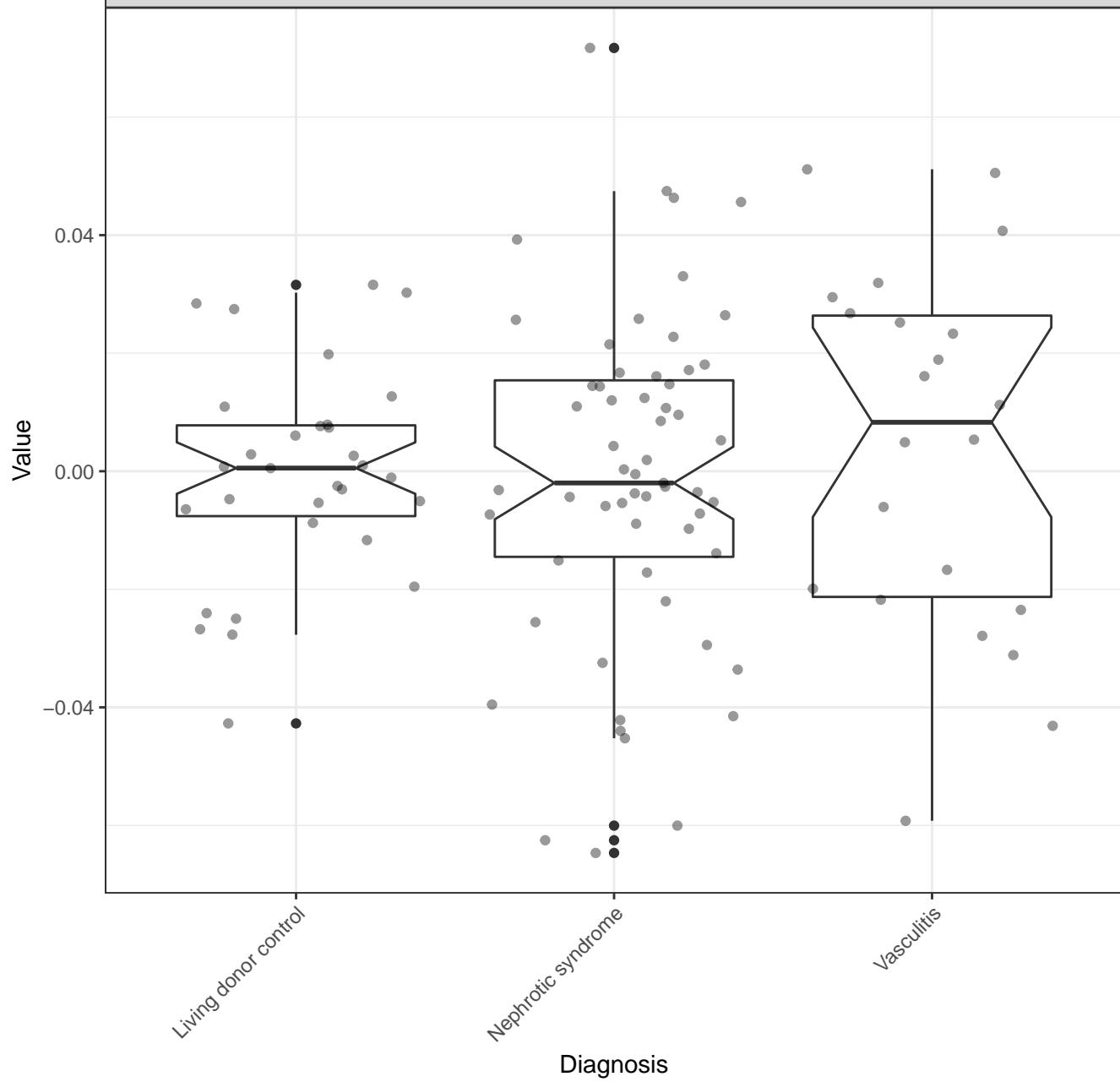
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.04

0.00

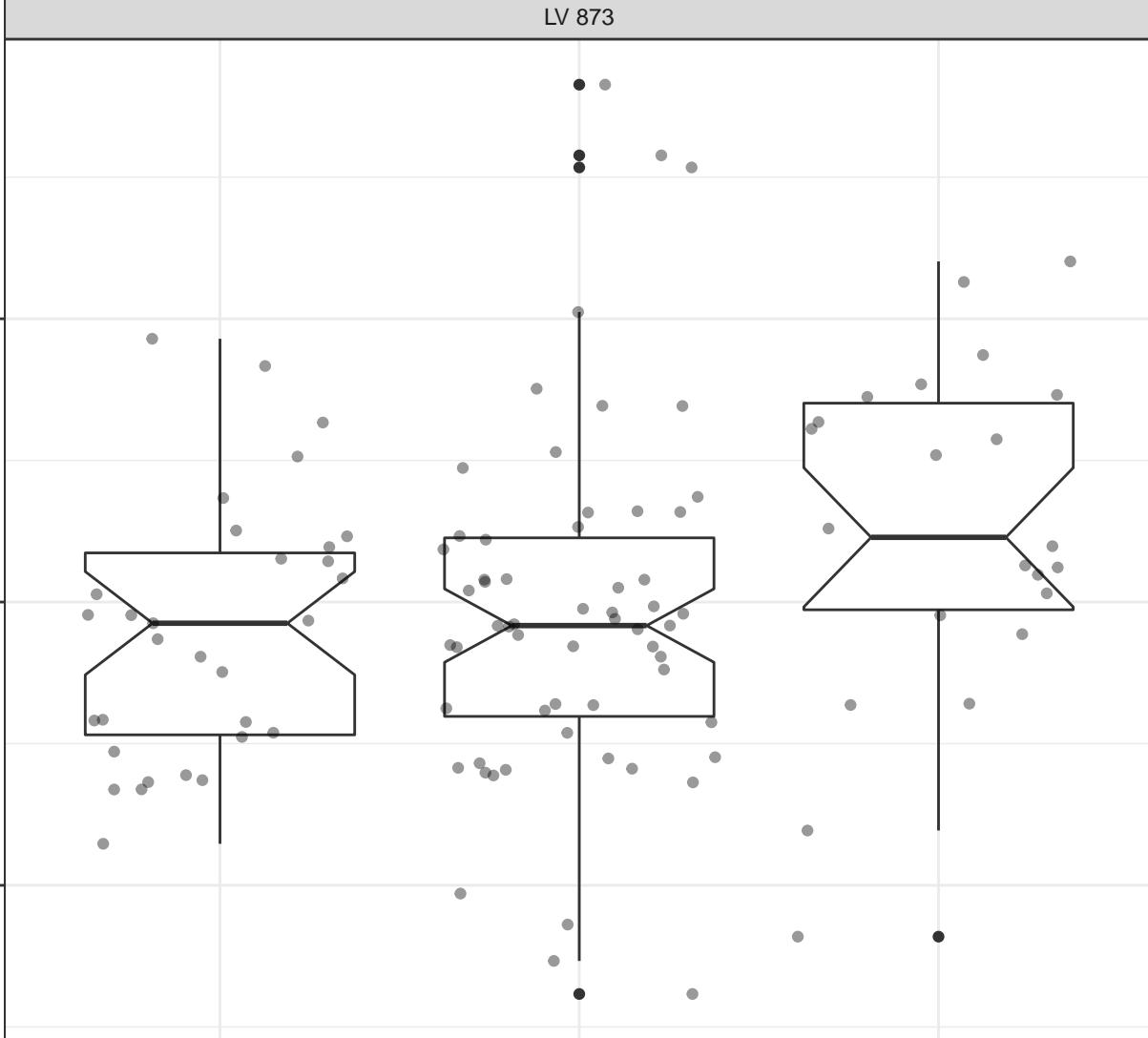
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 874

Value

0.0

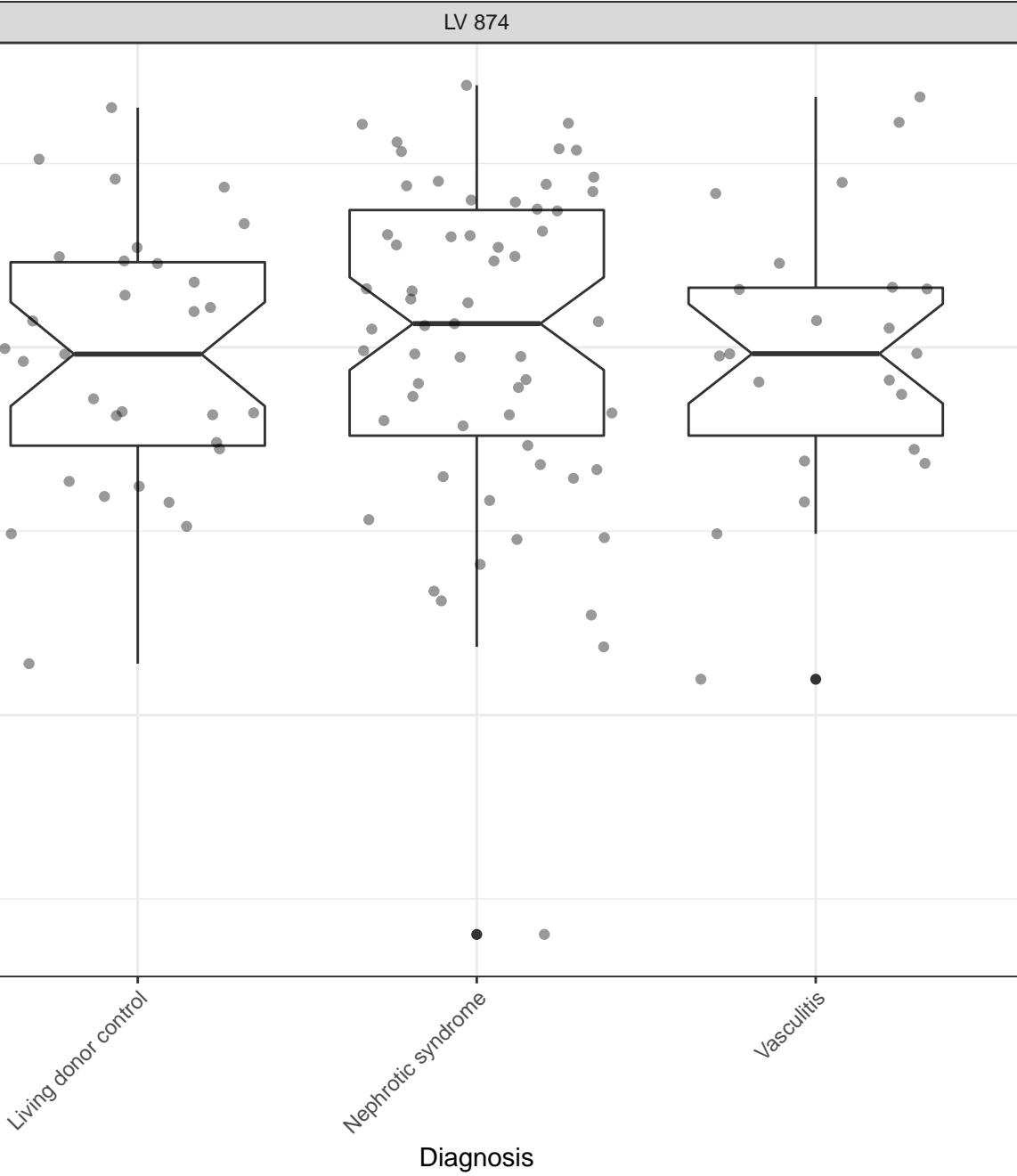
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 875

Value

0.10

0.05

0.00

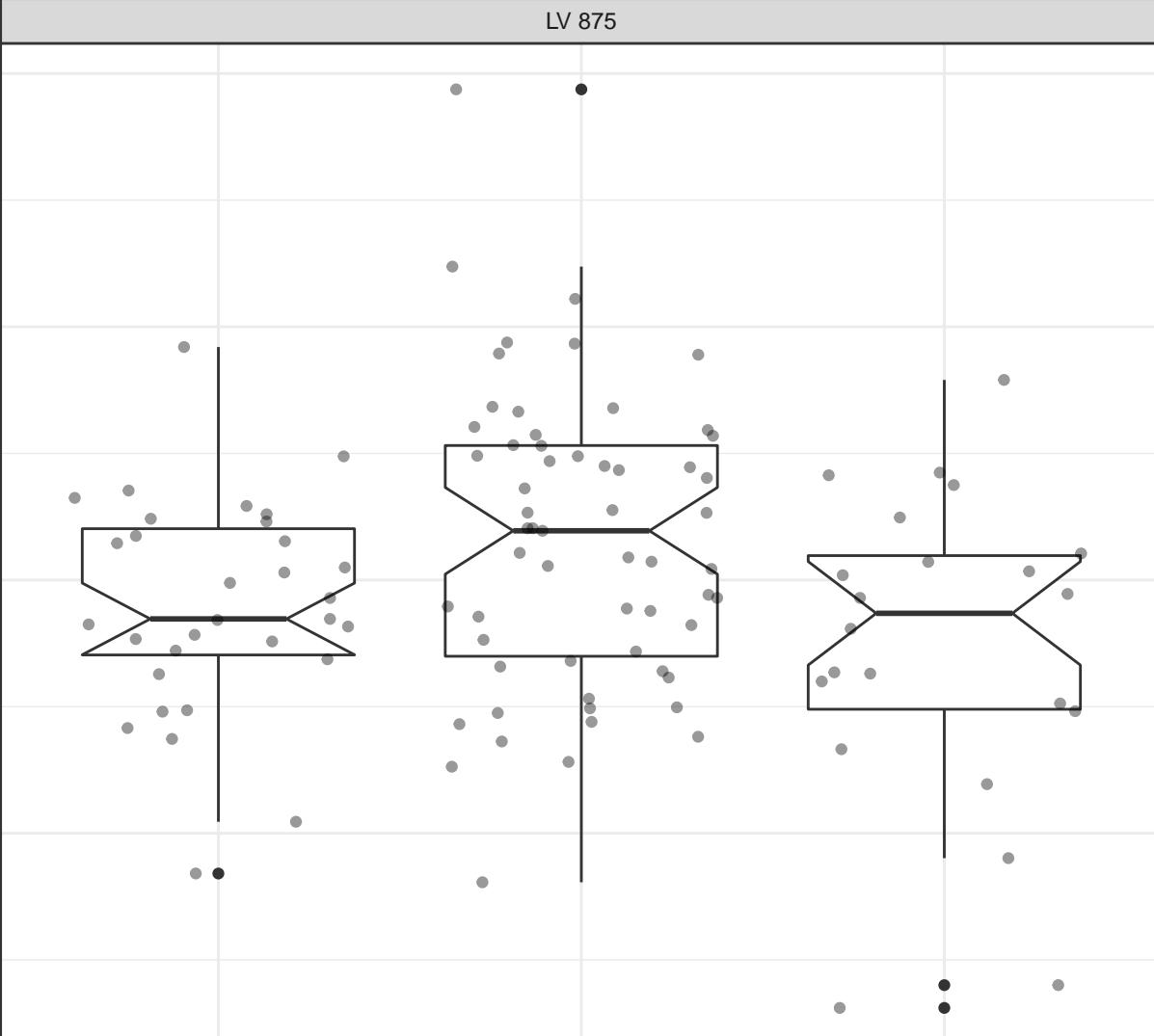
-0.05

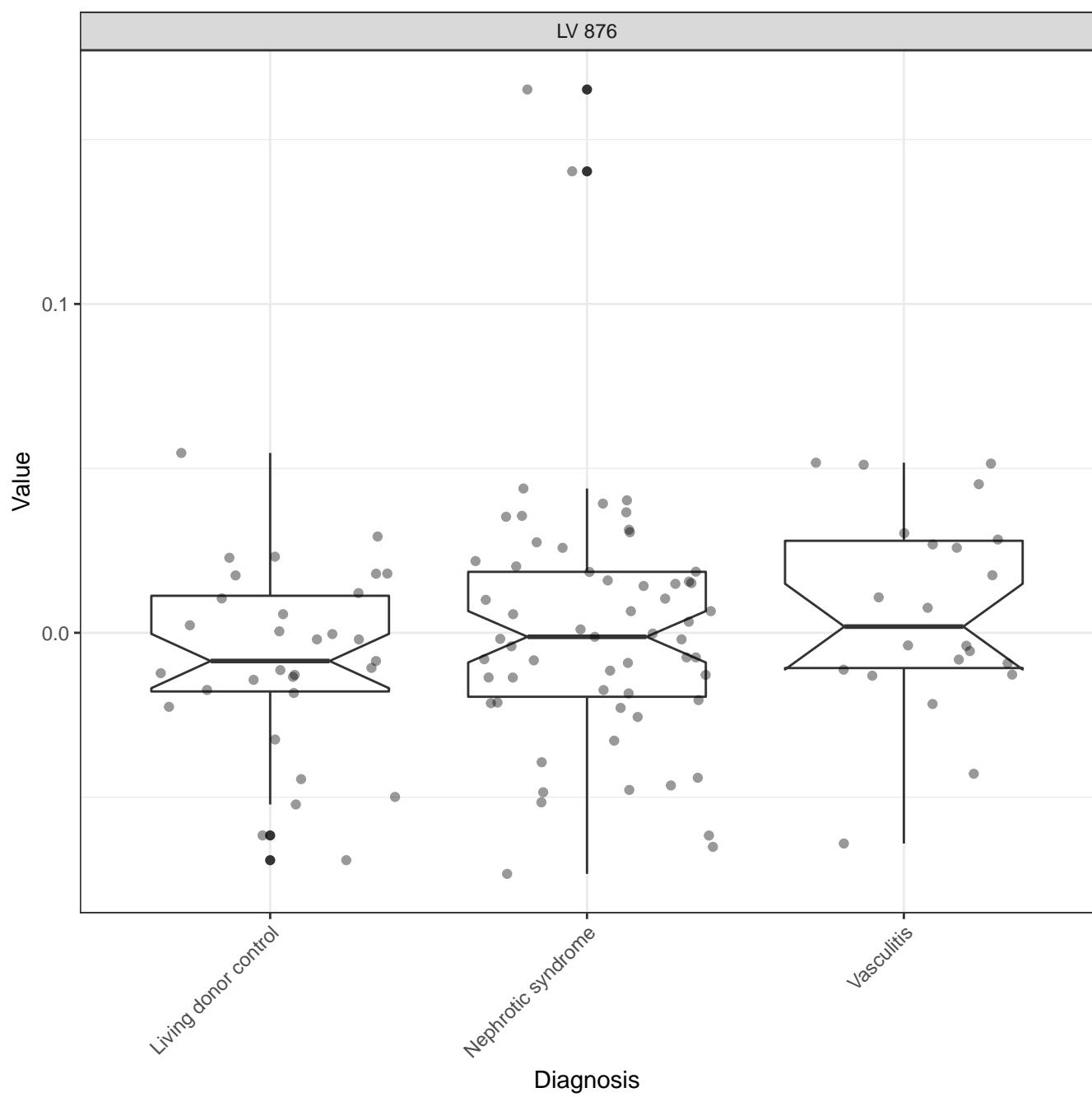
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 877

Value

0.05

0.00

-0.05

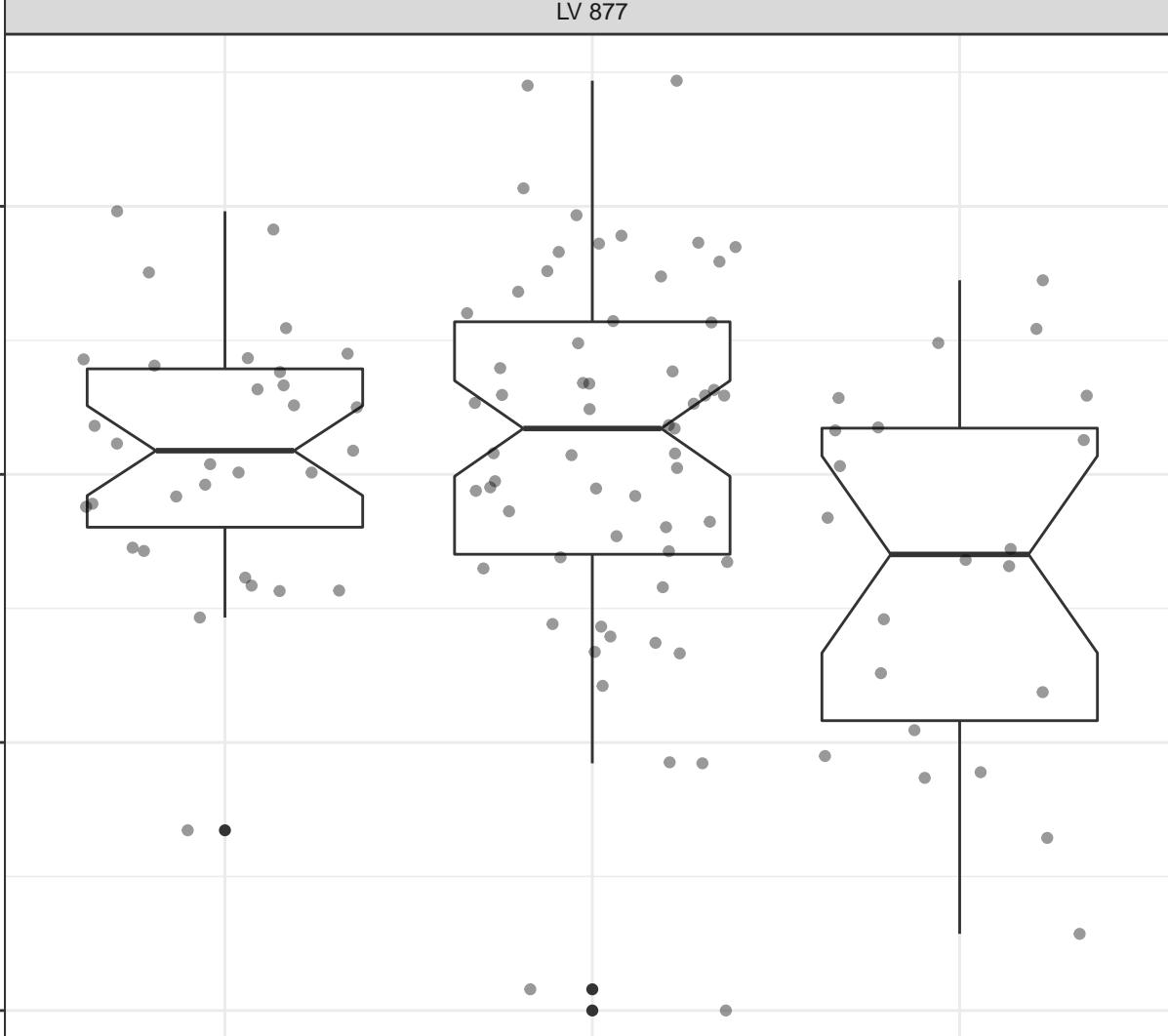
-0.10

Living donor control

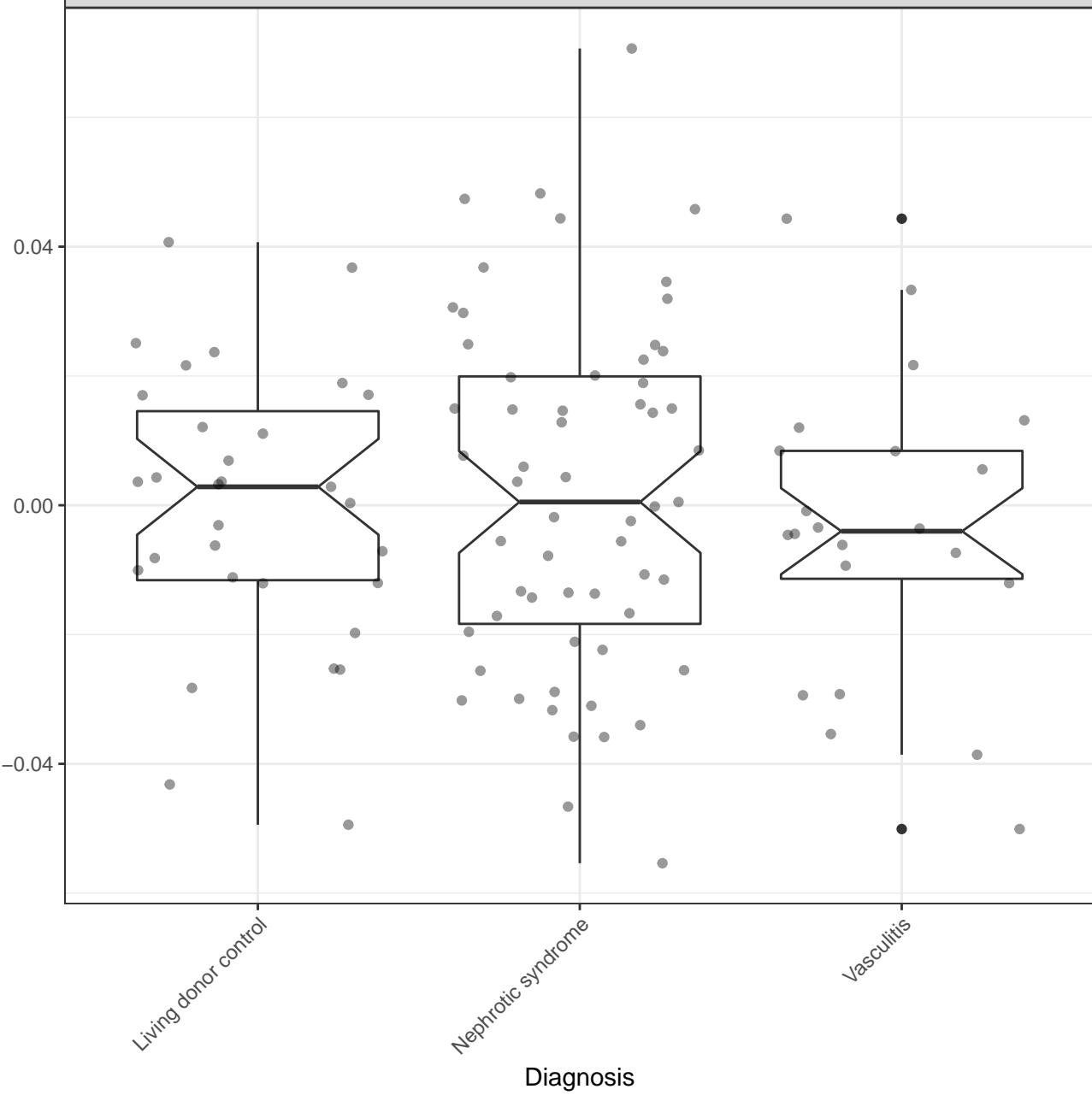
Nephrotic syndrome

Vasculitis

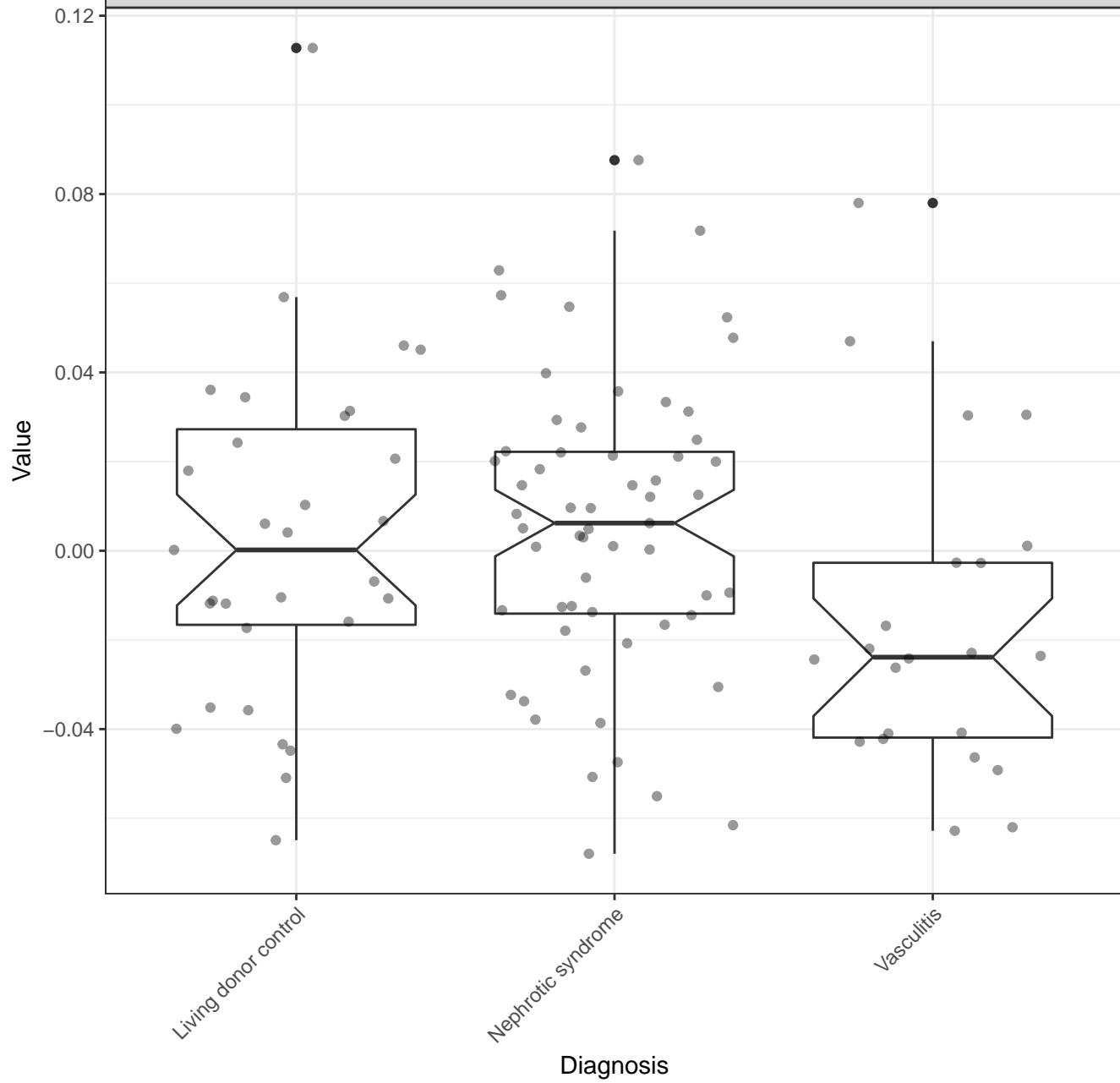
Diagnosis



Value



## 879,REACTOME\_HEPARAN\_SULFATE\_HEPARIN\_HS\_GAG\_METABOLISM



LV 880

Value

0.050

0.025

0.000

-0.025

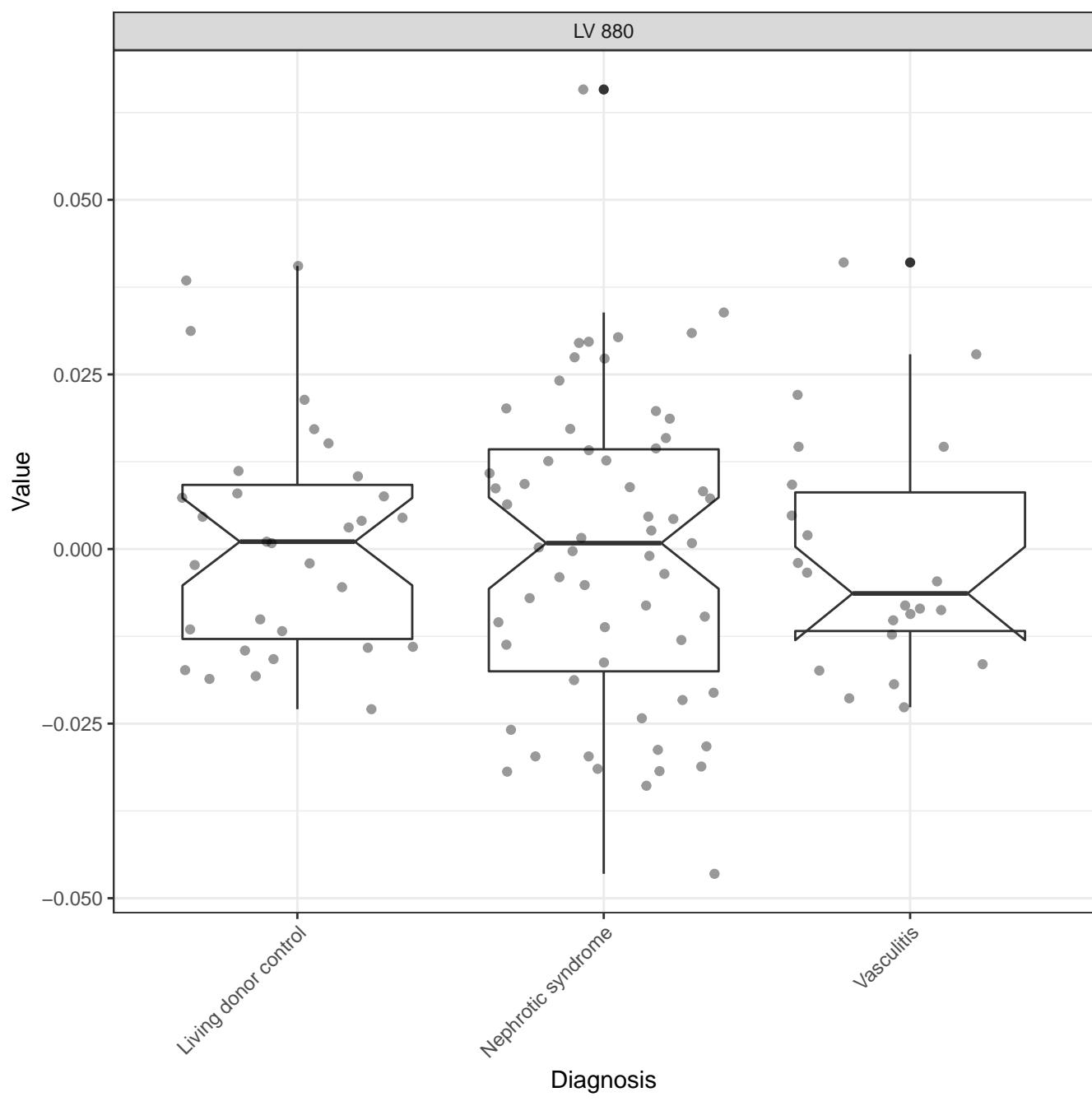
-0.050

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 881,REACTOME\_DNA\_STRAND\_ELONGATION

Value

0.4

0.2

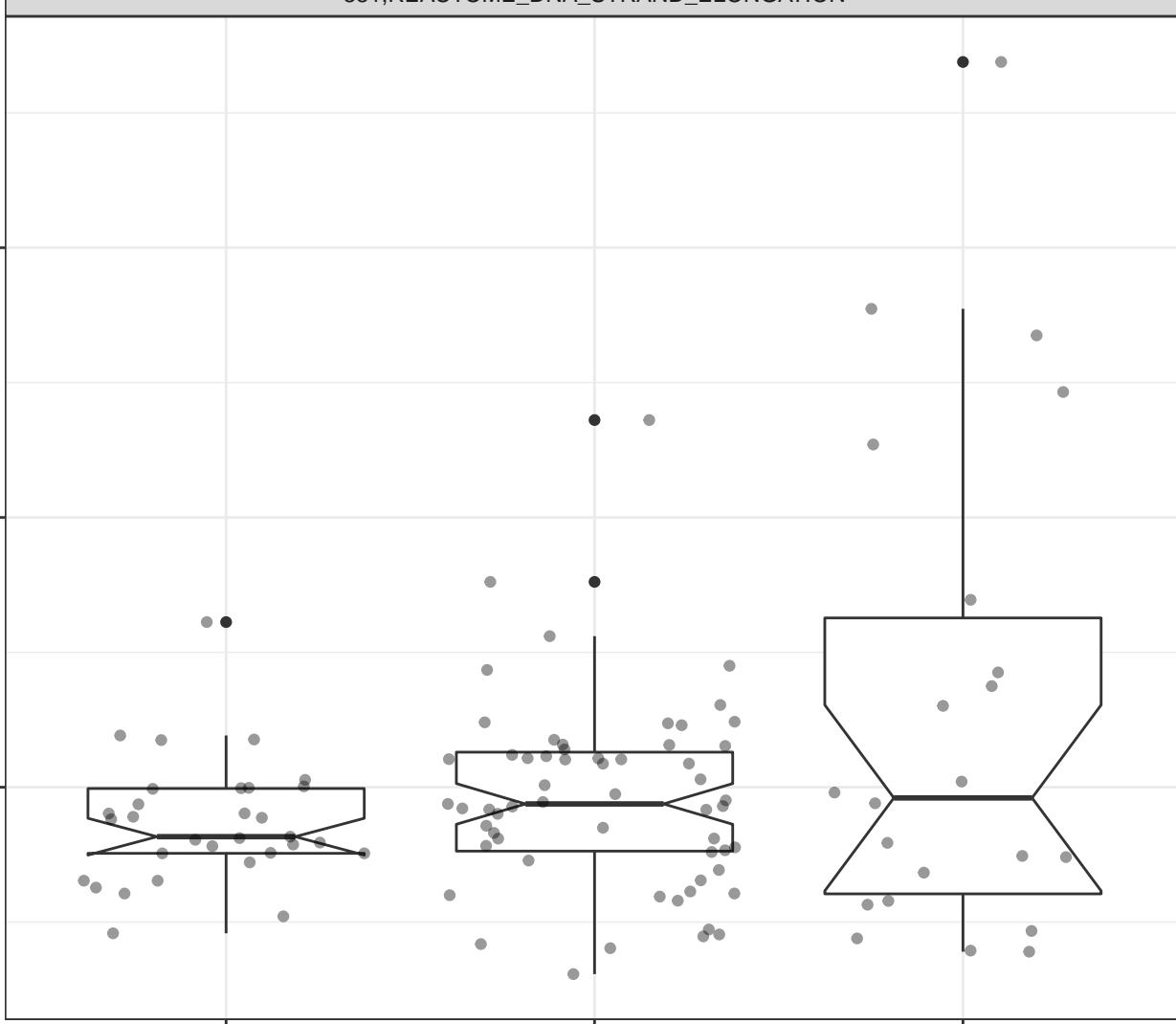
0.0

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 882

Value

0.05

0.00

-0.05

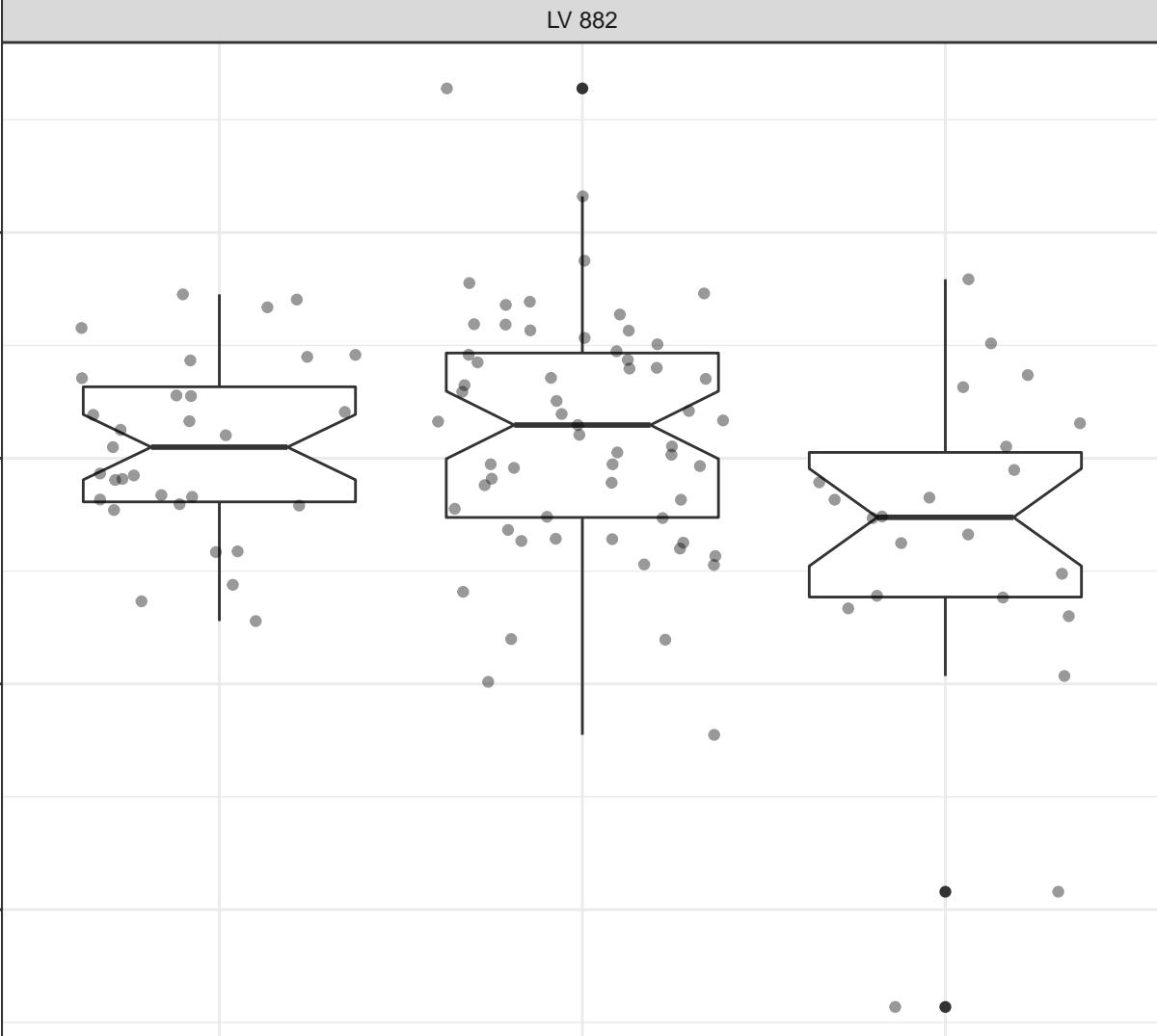
-0.10

Living donor control

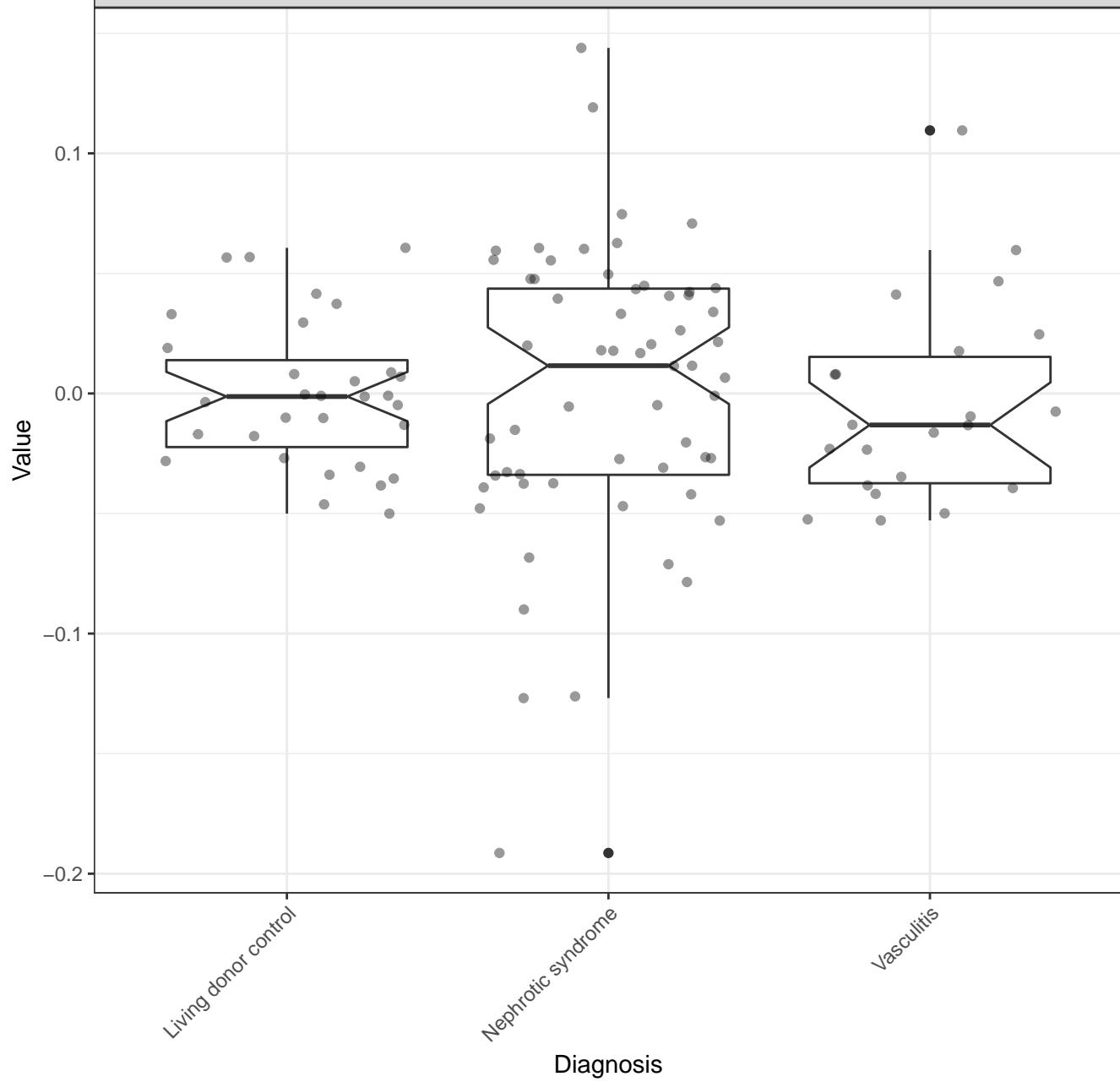
Nephrotic syndrome

Vasculitis

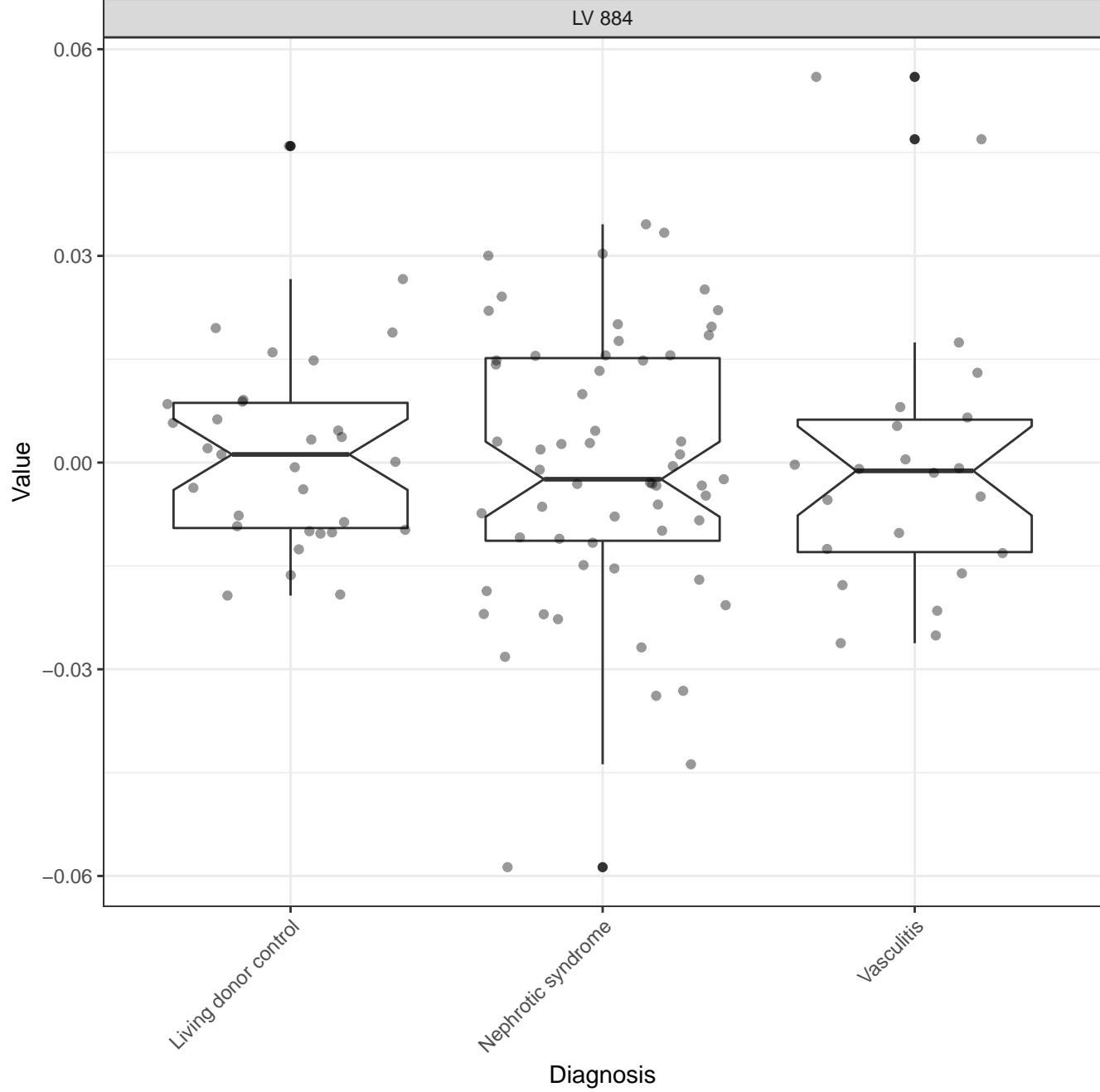
Diagnosis



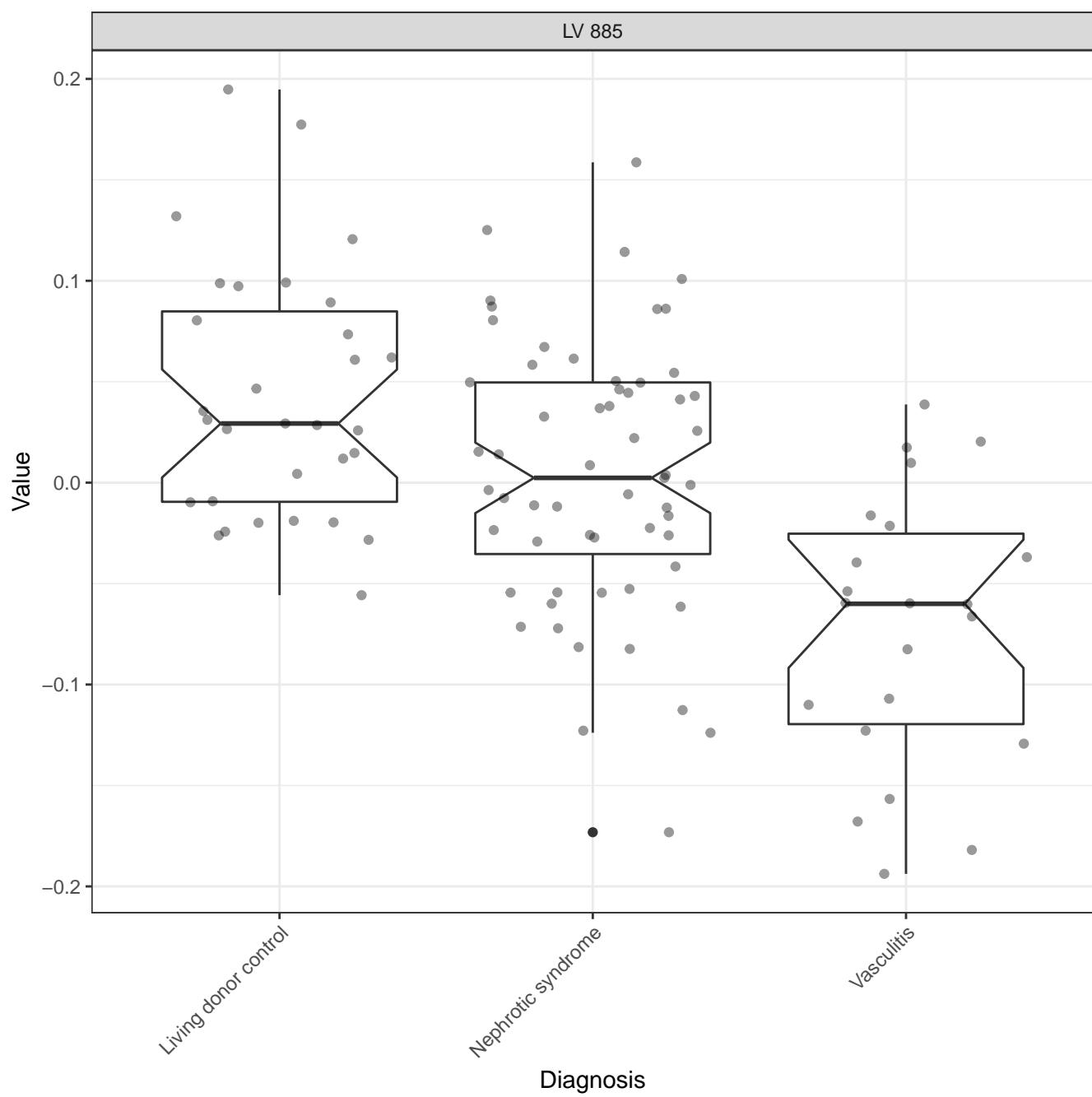
LV 883



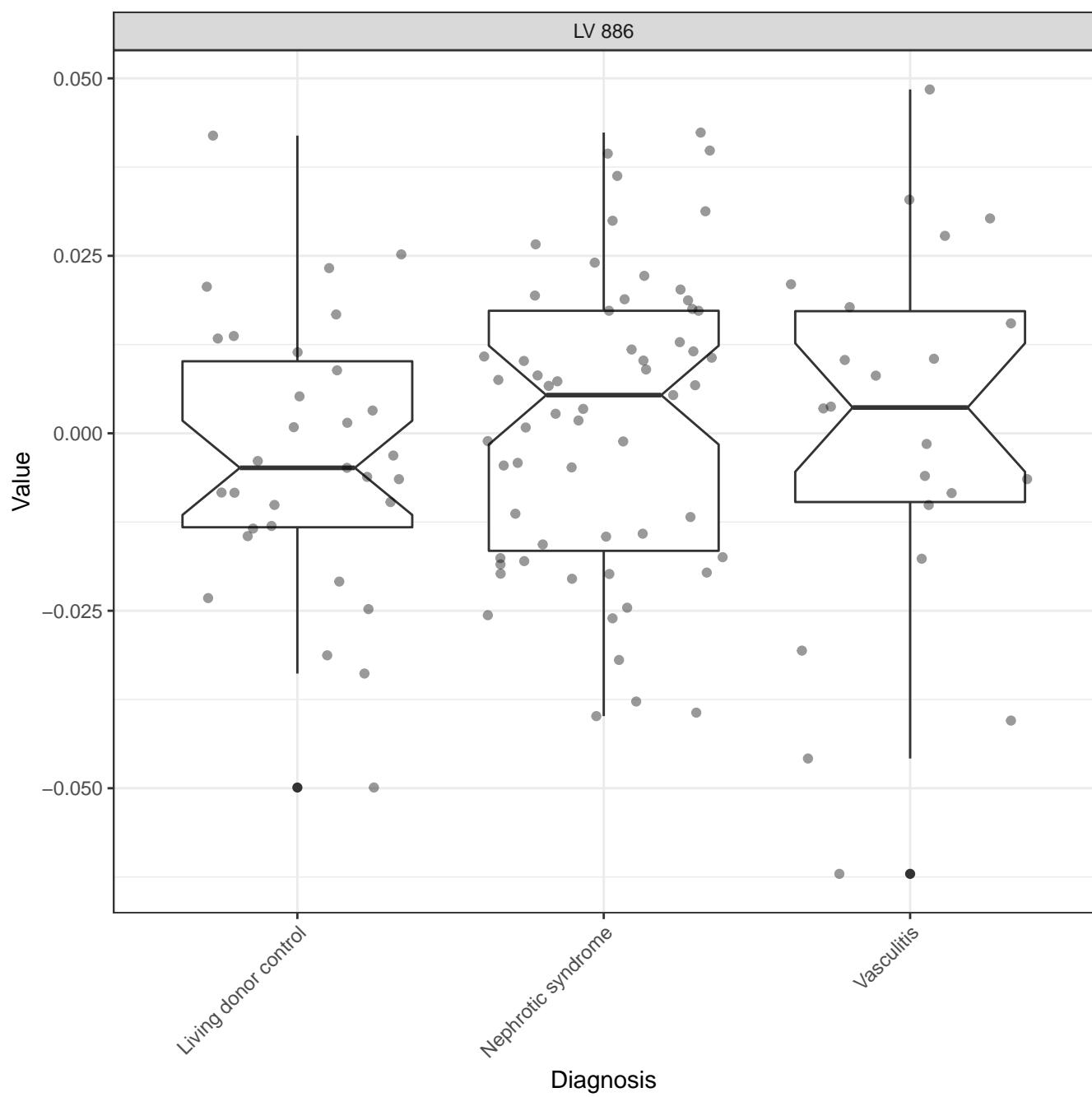
LV 884



LV 885



LV 886



LV 887

Value

0.05

0.00

-0.05

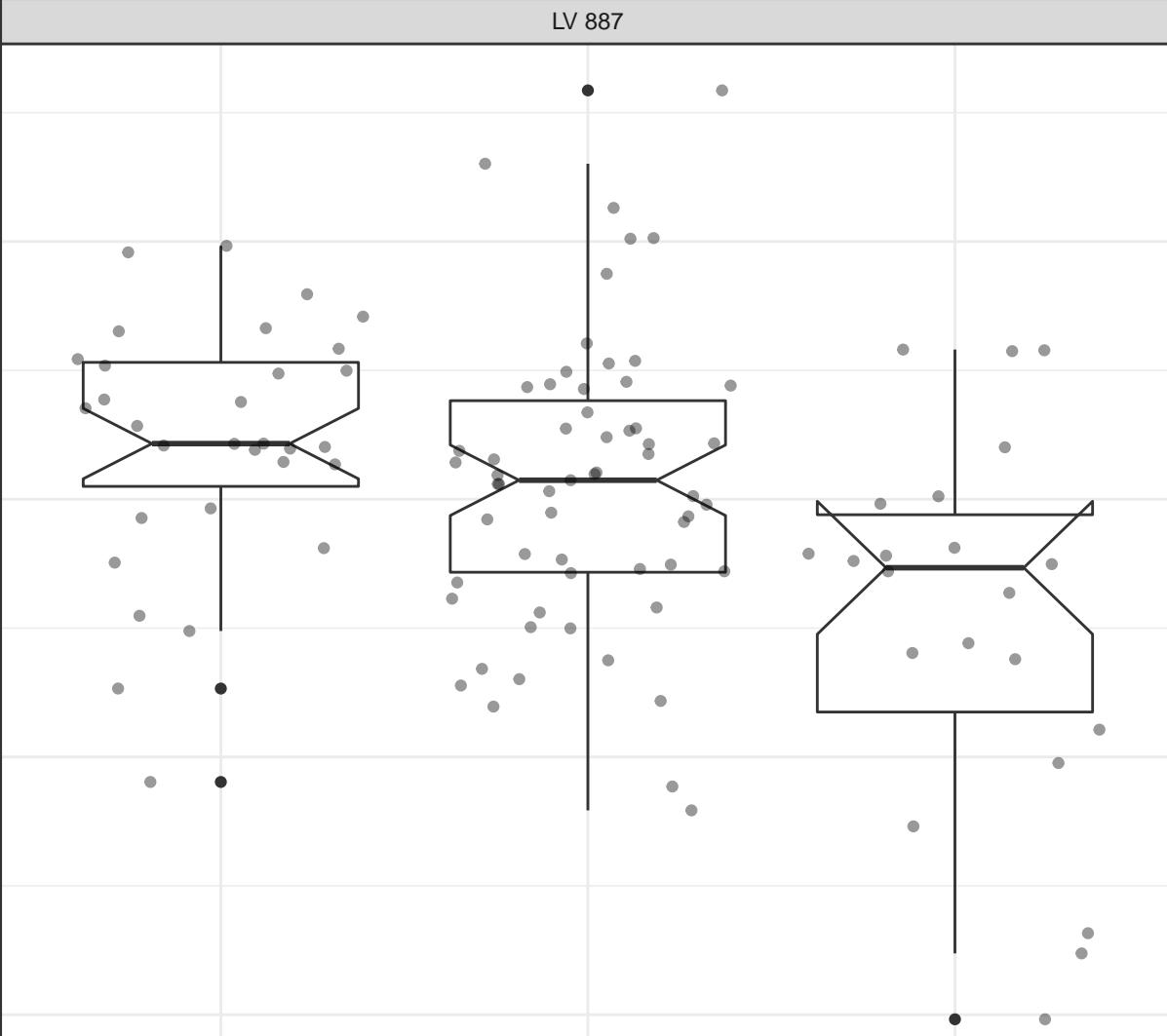
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 889

Value

0.08

0.04

0.00

-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.05

0.00

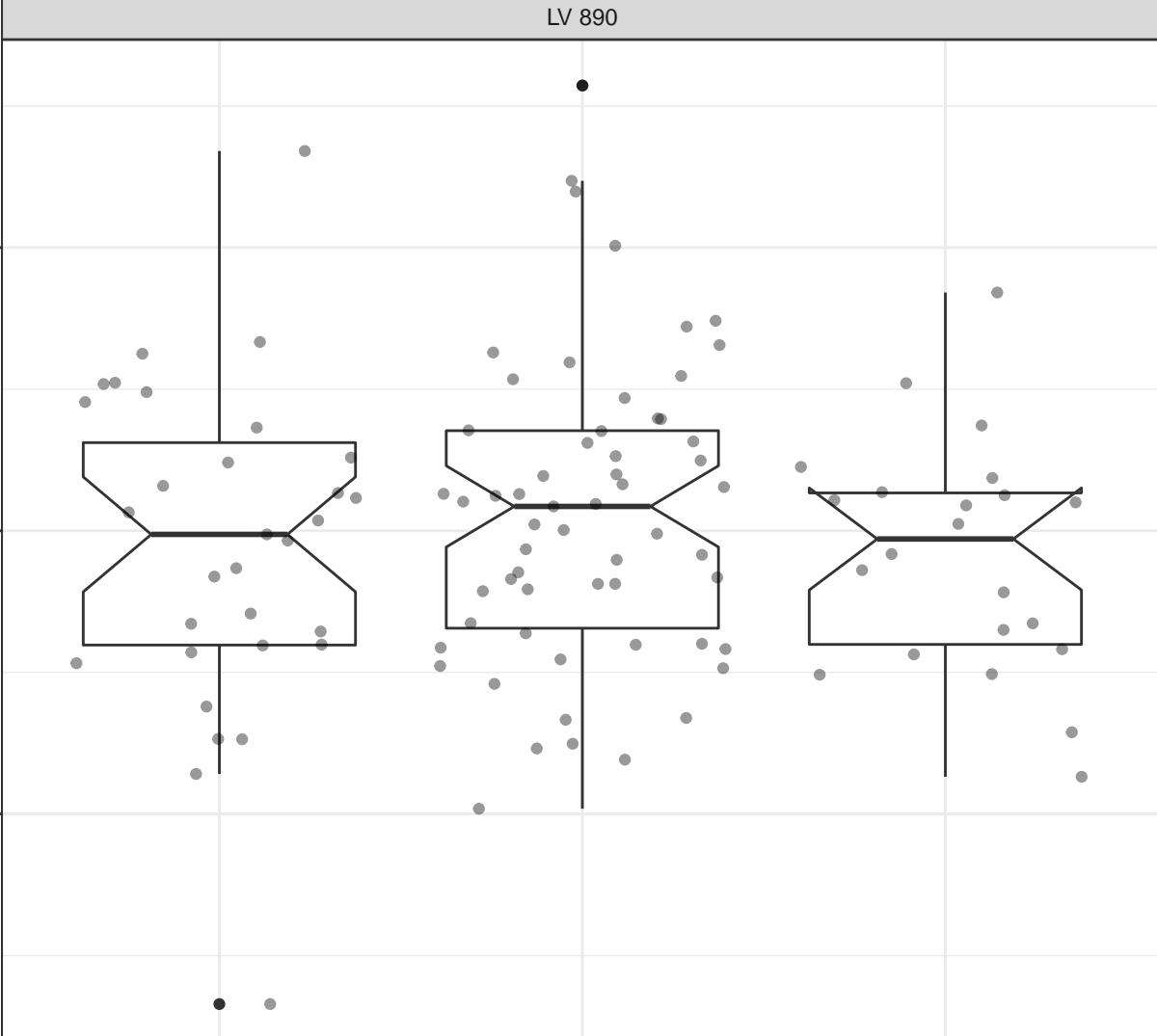
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 891

Value

0.0

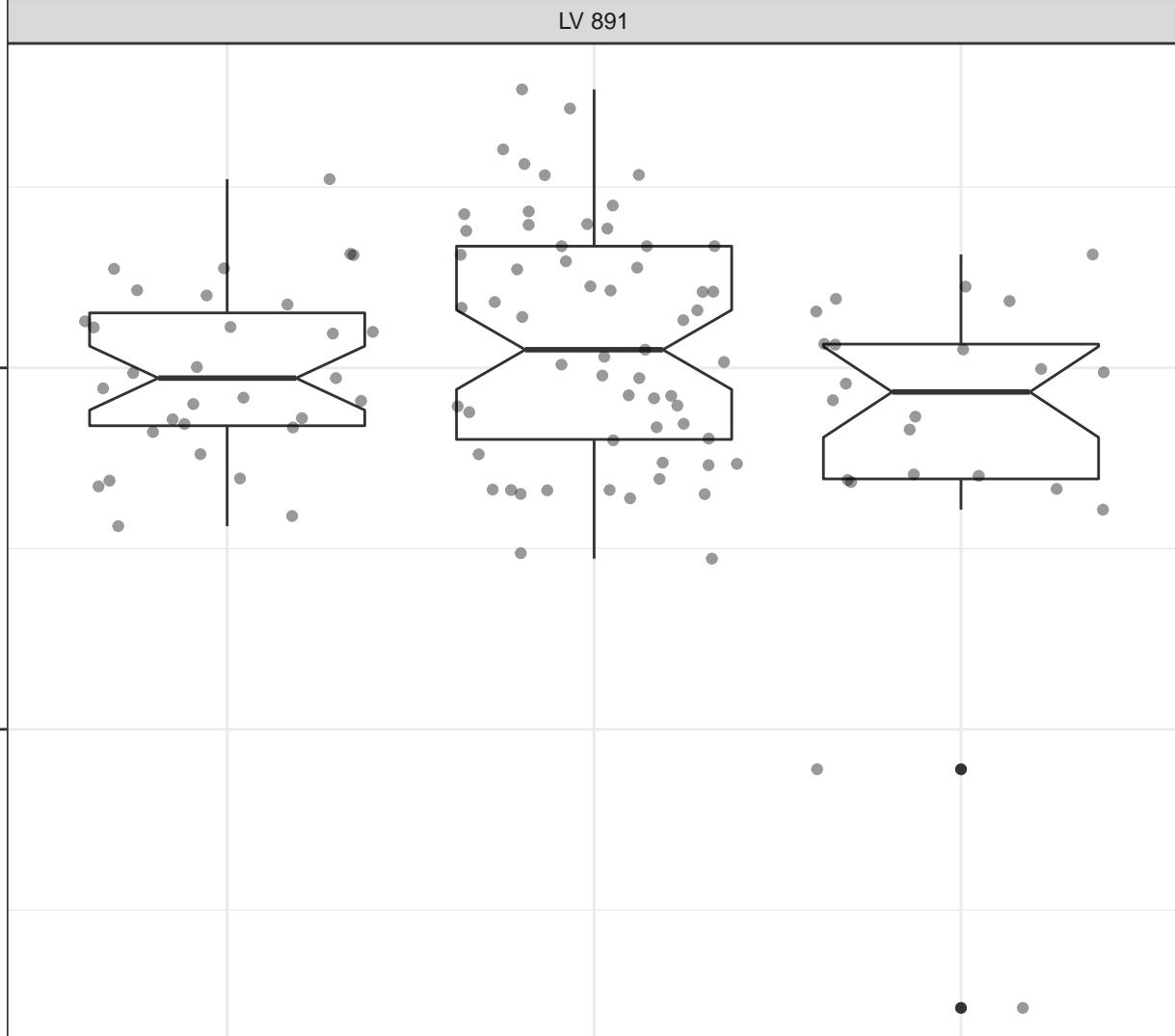
-0.1

Living donor control

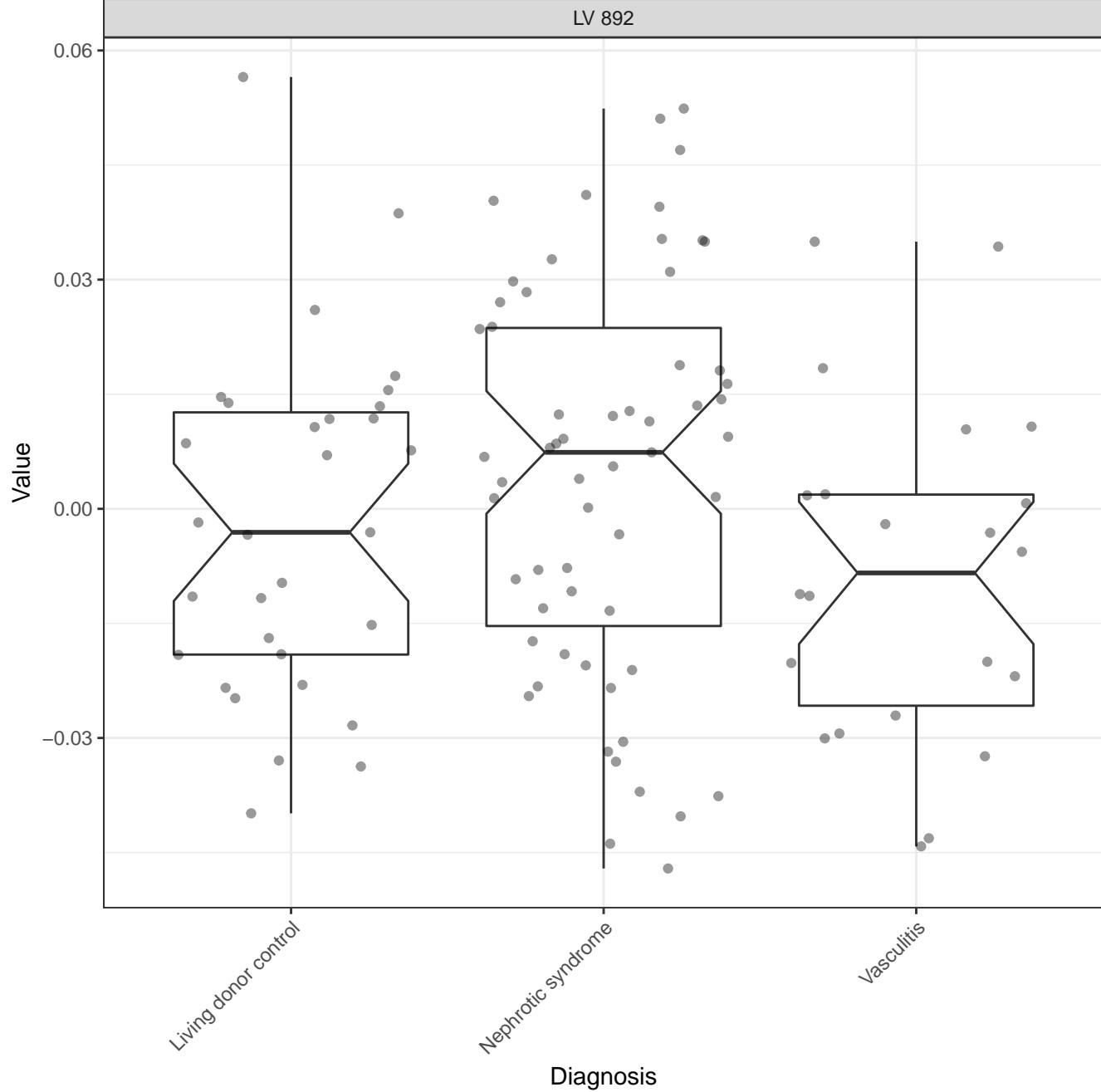
Nephrotic syndrome

Vasculitis

Diagnosis



LV 892



Value

0.05

0.00

-0.05

-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

0.05

0.00

-0.05

-0.10

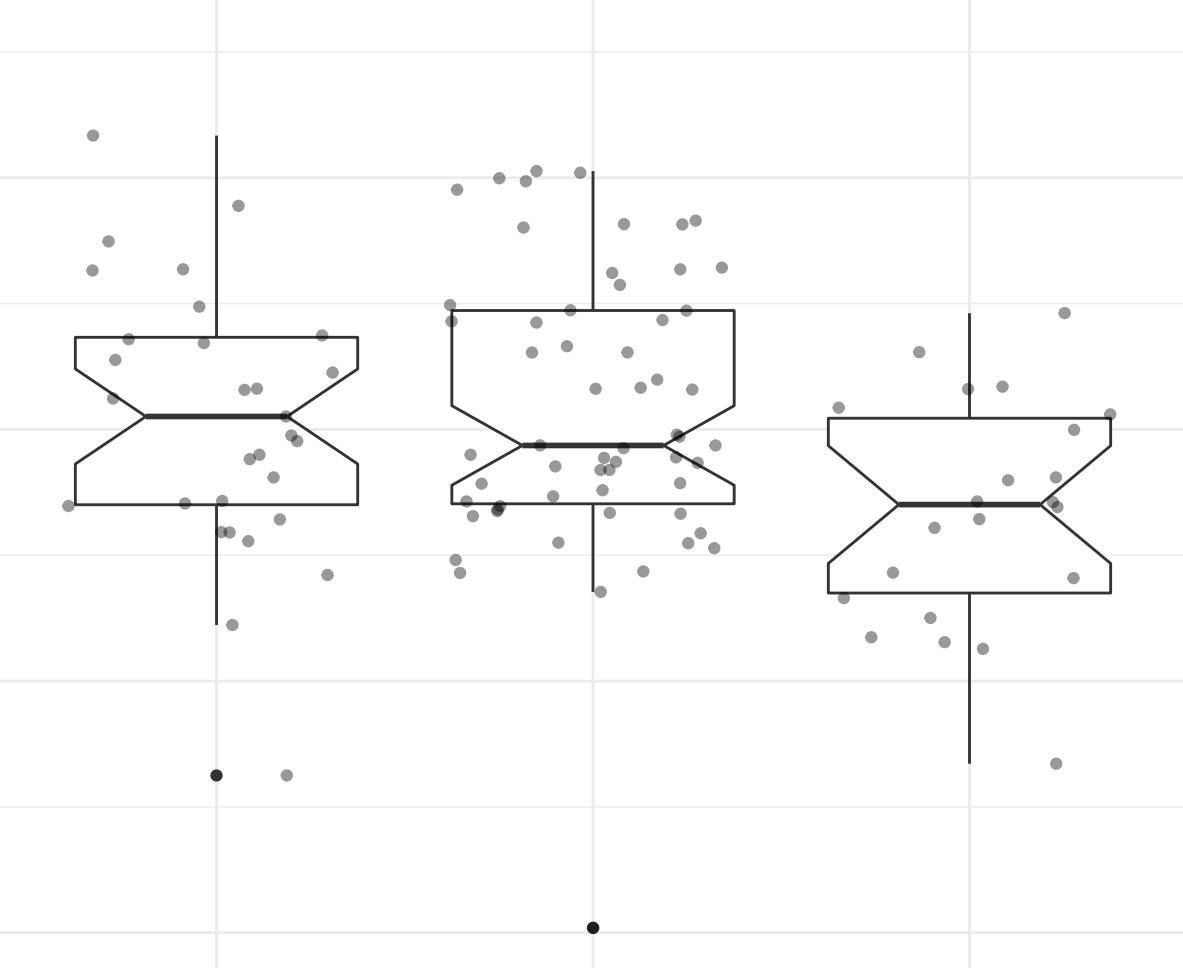
-0.15

-0.20

-0.25

-0.30

-0.35



LV 894

Value

0.04

0.00

-0.04

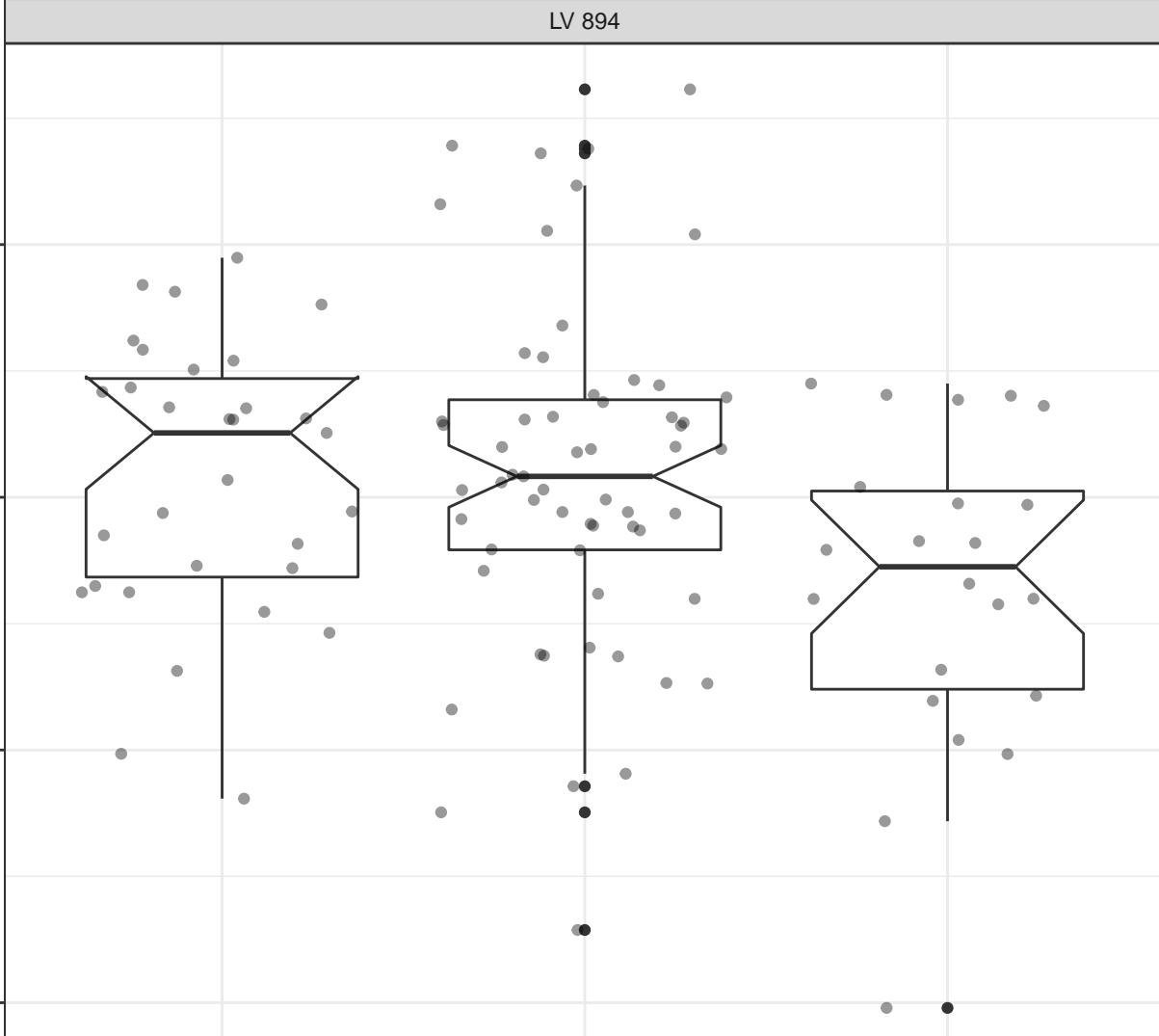
-0.08

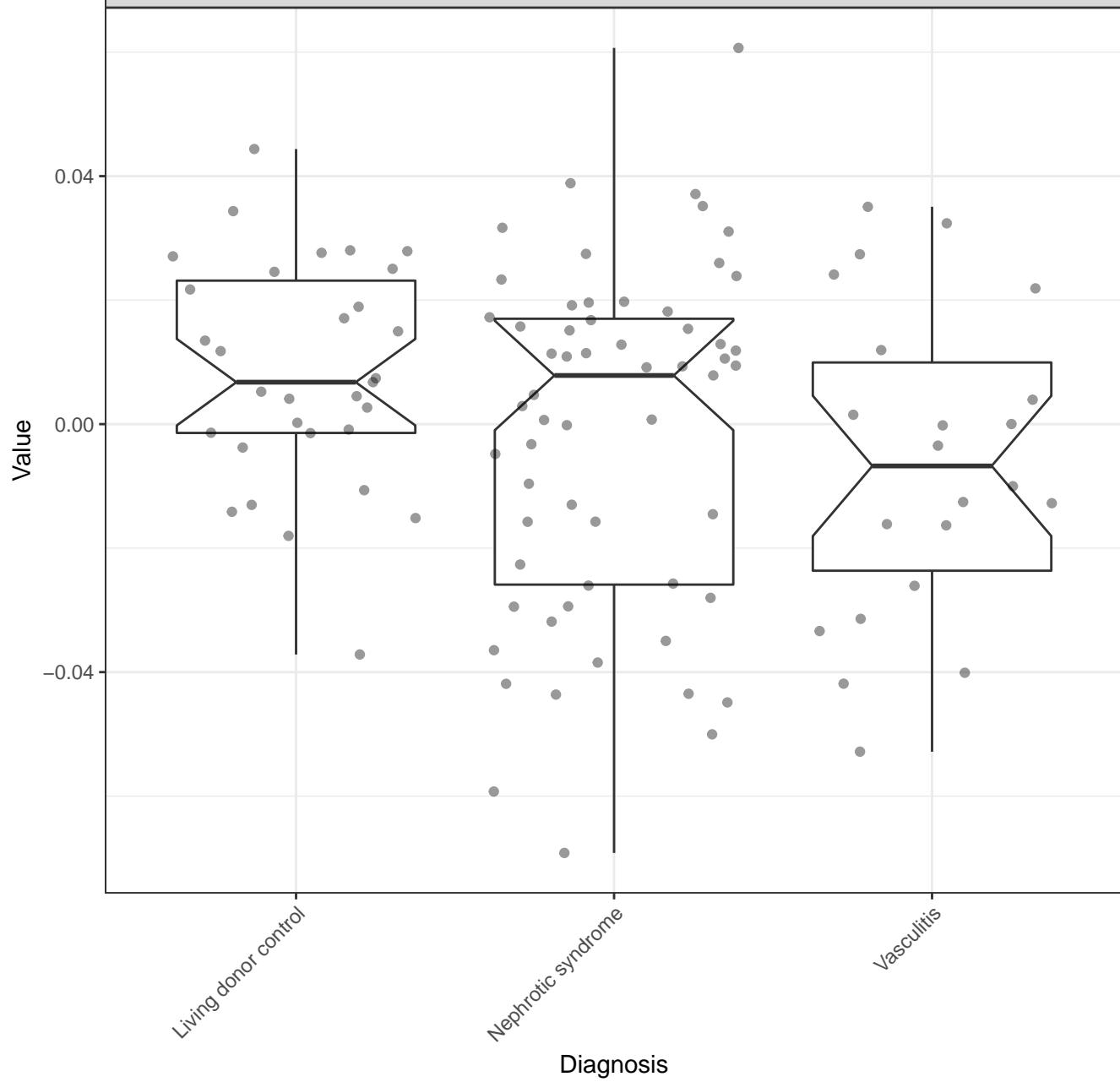
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 896

Value

0.05

0.01

-0.05

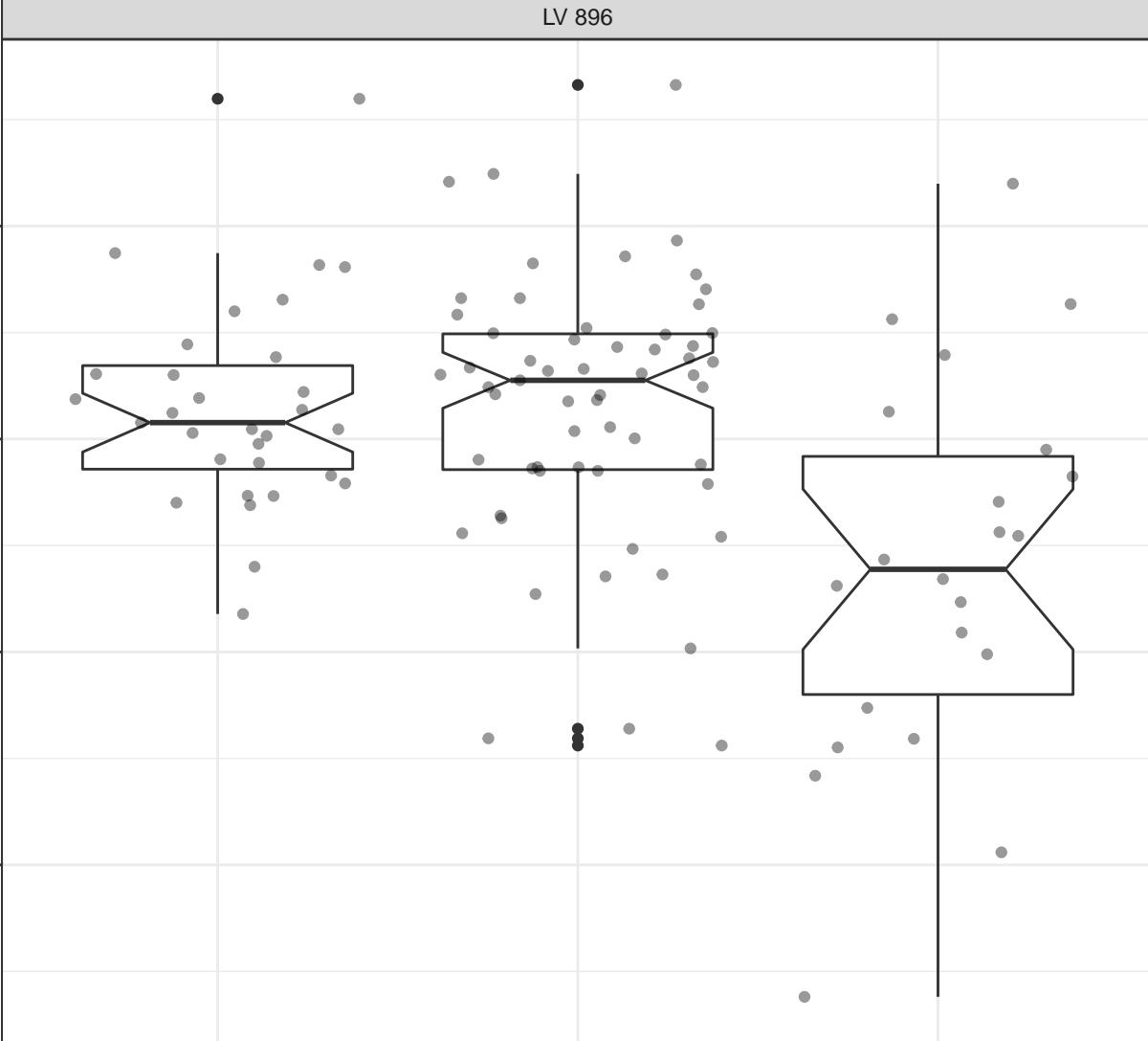
-0.10

Living donor control

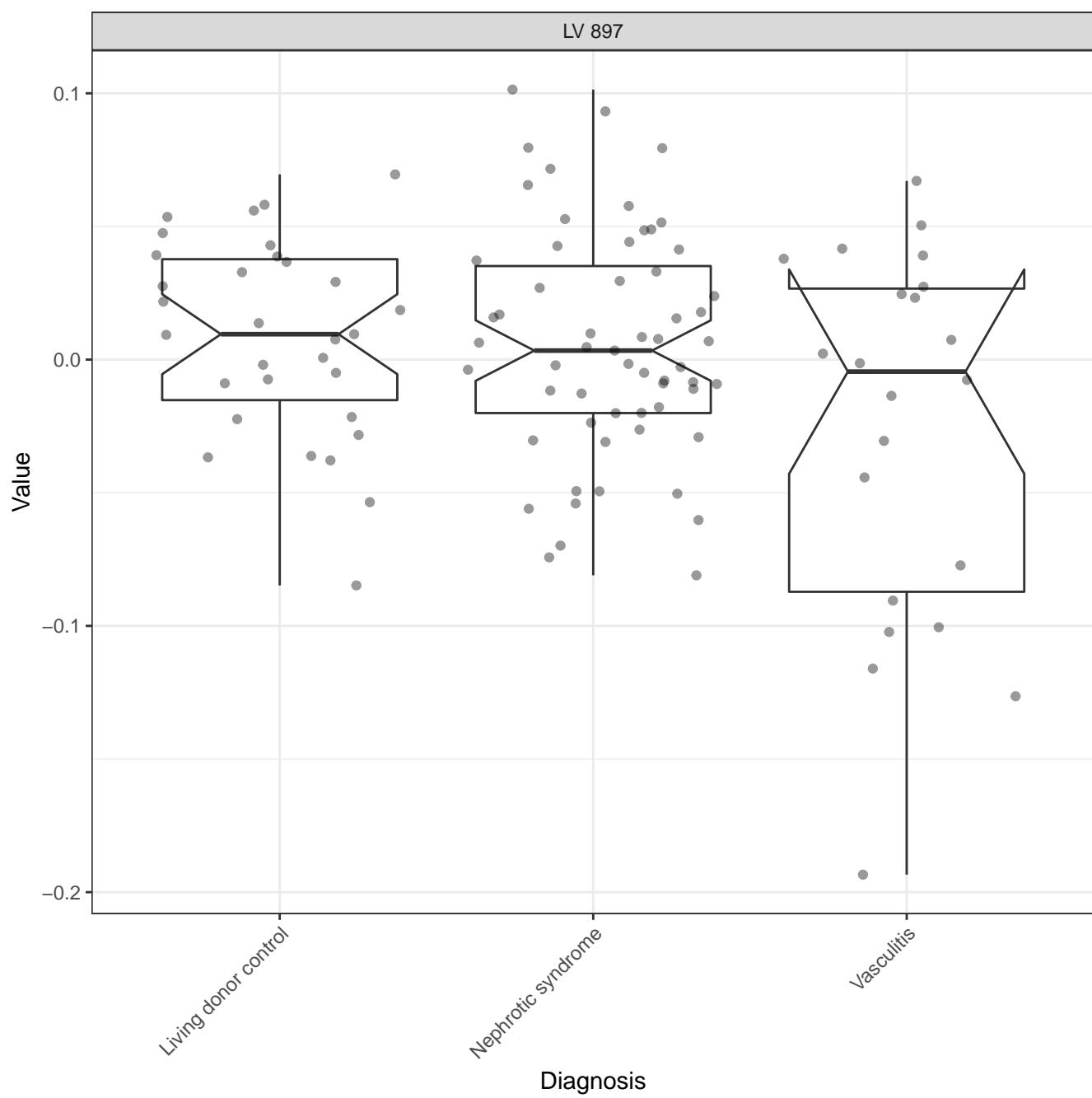
Nephrotic syndrome

Vasculitis

Diagnosis



LV 897



Value

0.04

0.00

-0.04

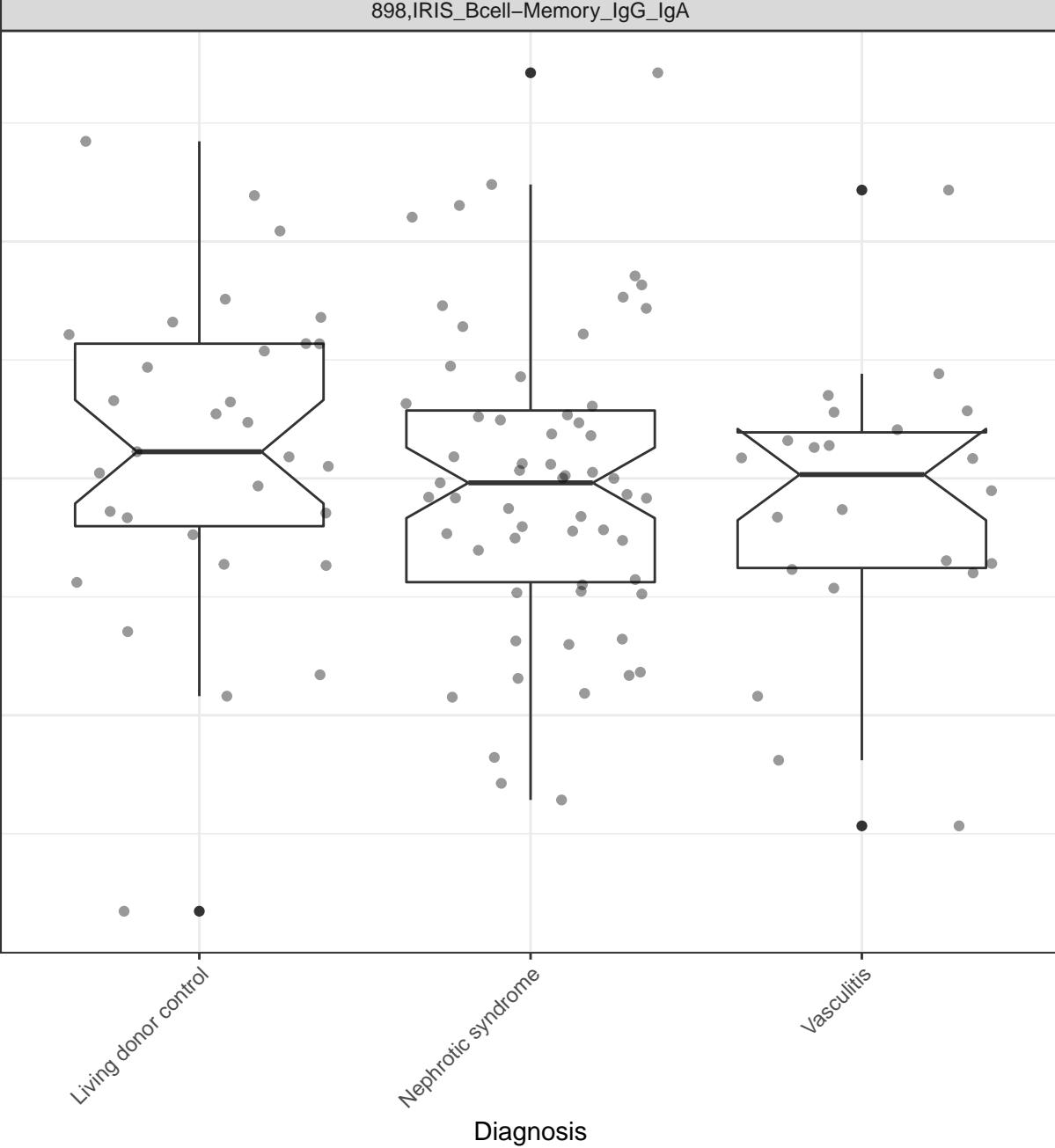
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 899

Value

0.05

0.00

-0.05

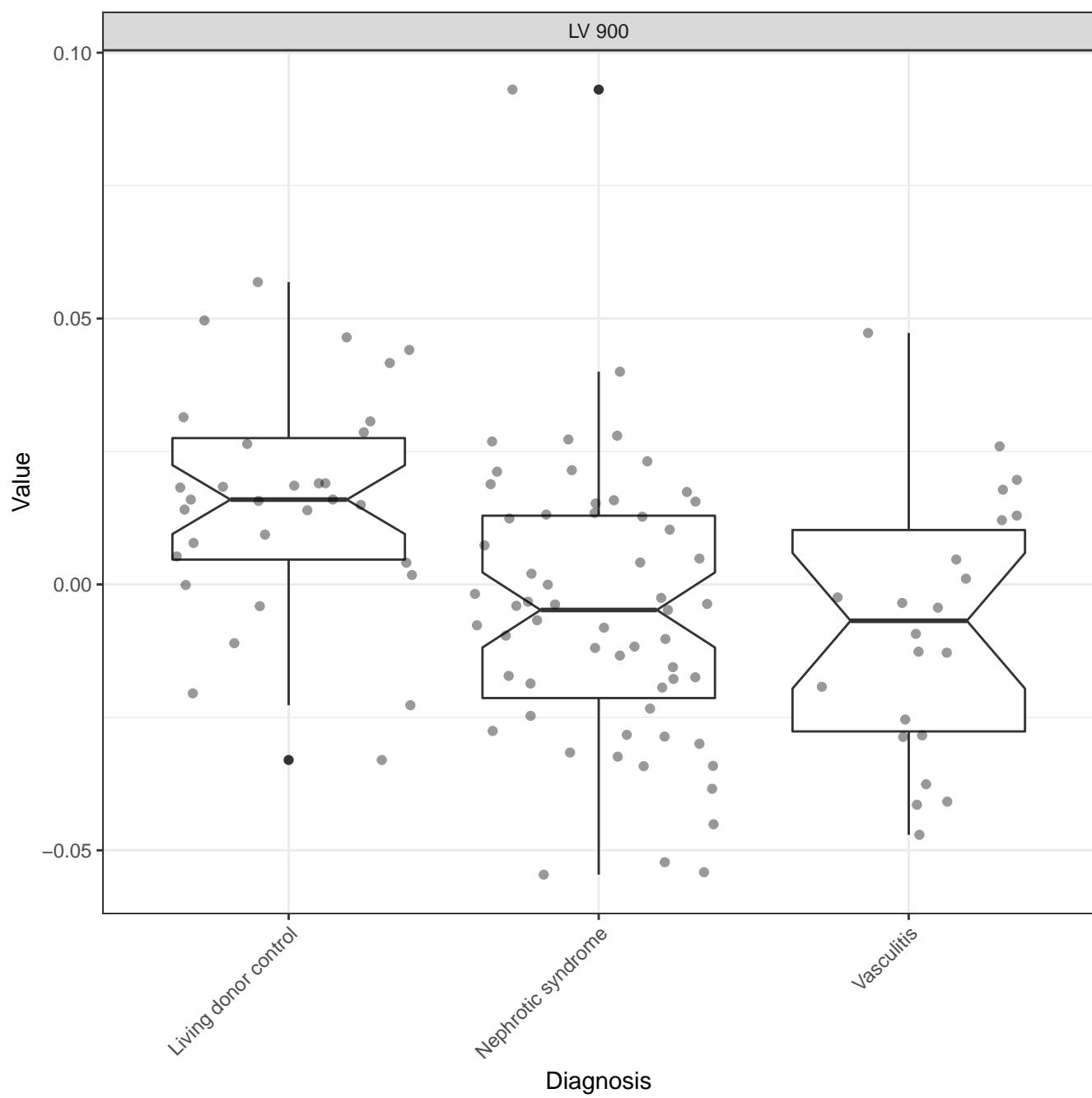
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

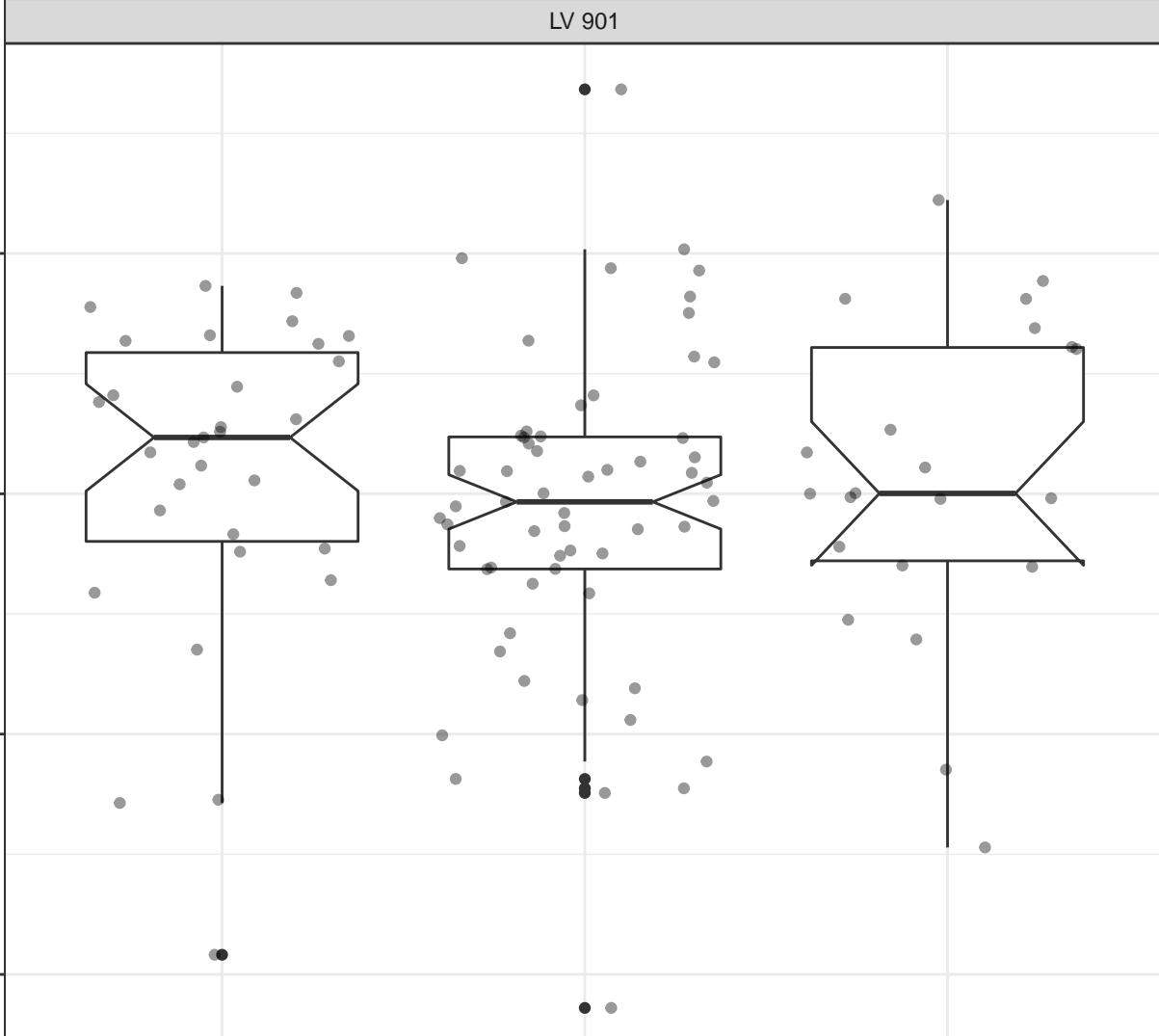
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 902,DMAP\_PRE\_BCELL3

Value

0.10

0.05

0.00

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

## LV 903

Value

0.2

0.1

0.0

-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

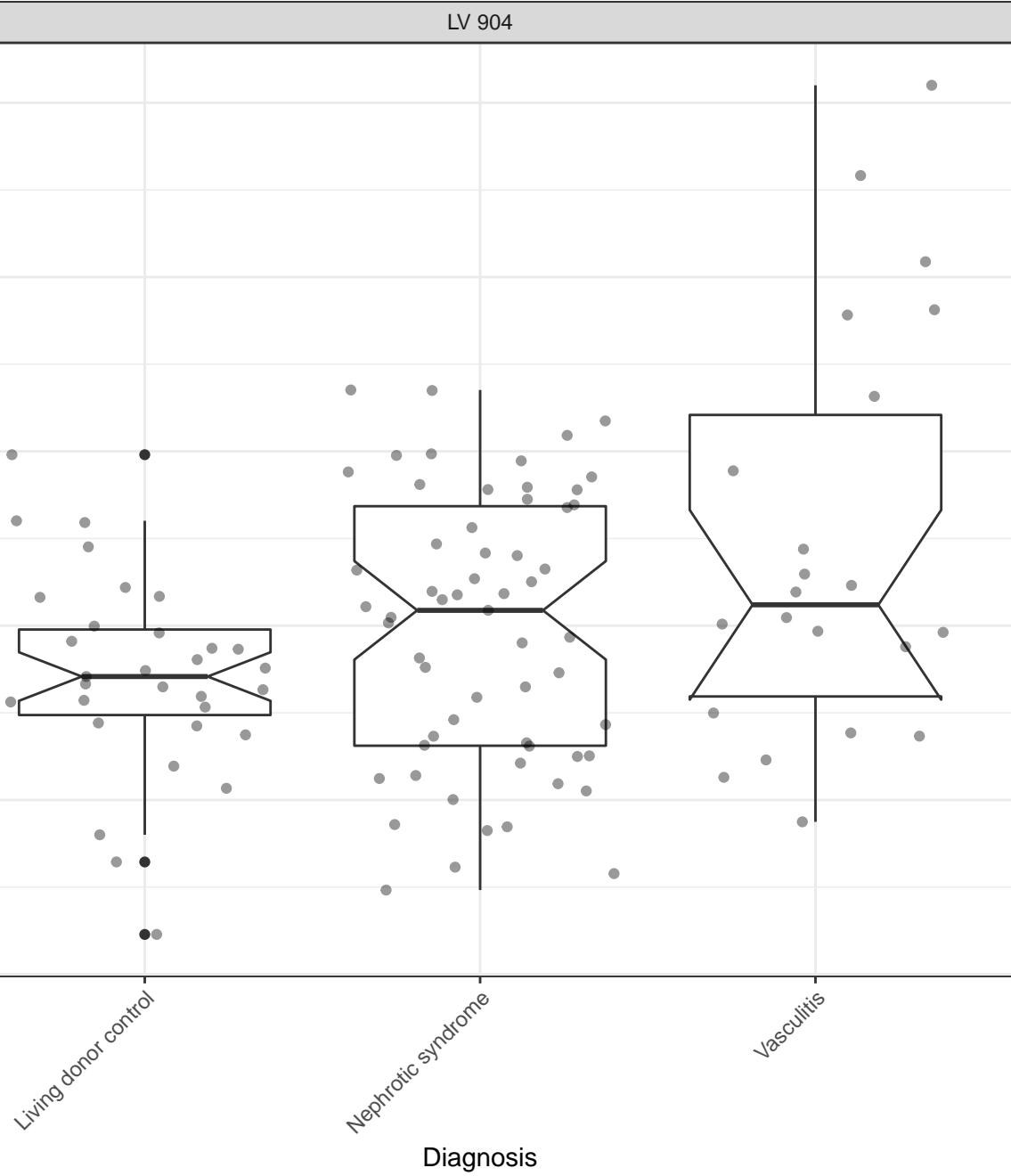
0.15  
0.10  
0.05  
0.00  
-0.05  
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



# 905,MIPS\_NOP56P\_ASSOCIATED\_PRE\_RRNA\_COMPLEX

Value

0.1

0.0

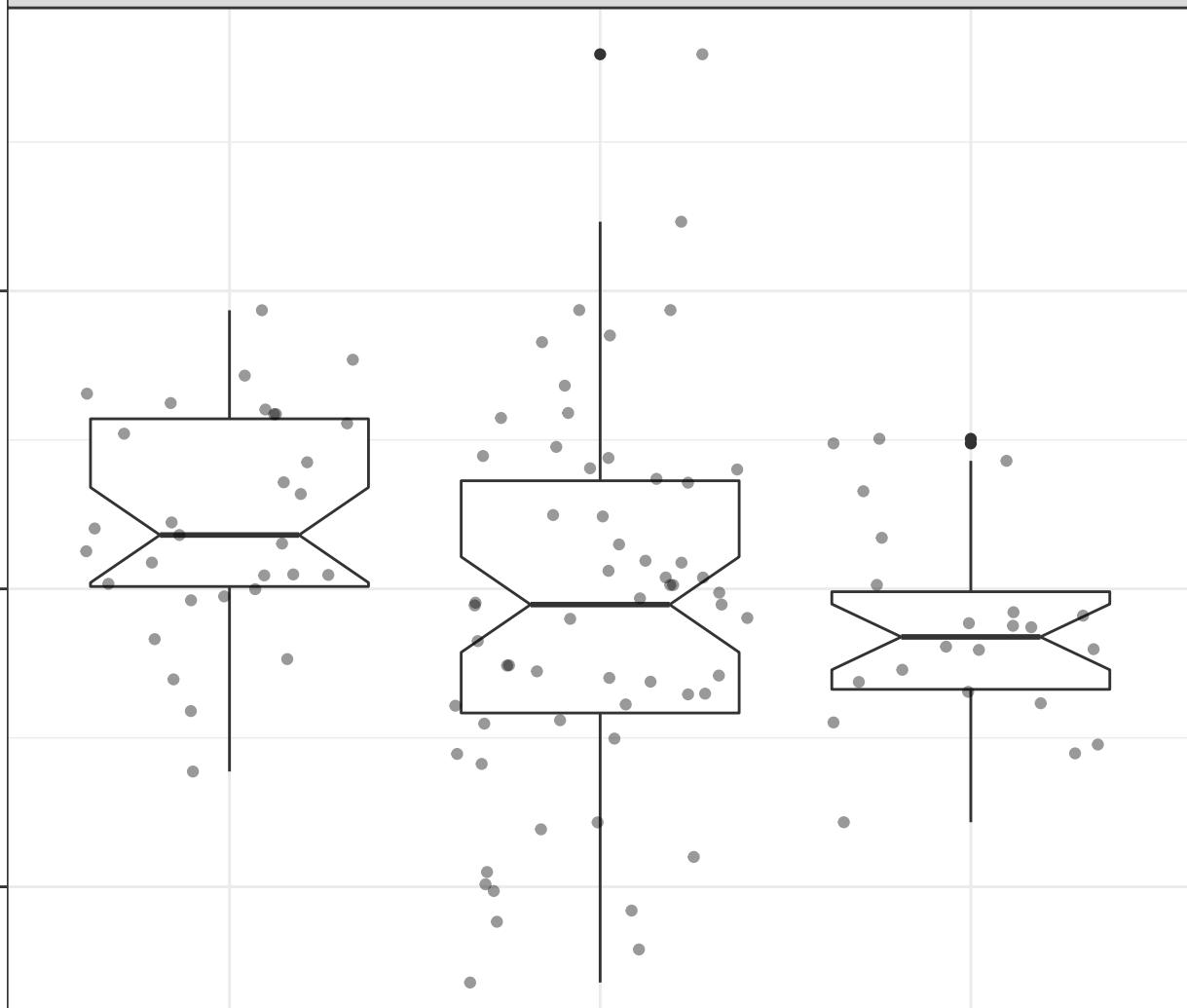
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## LV 906

Value

0.04

0.00

-0.04

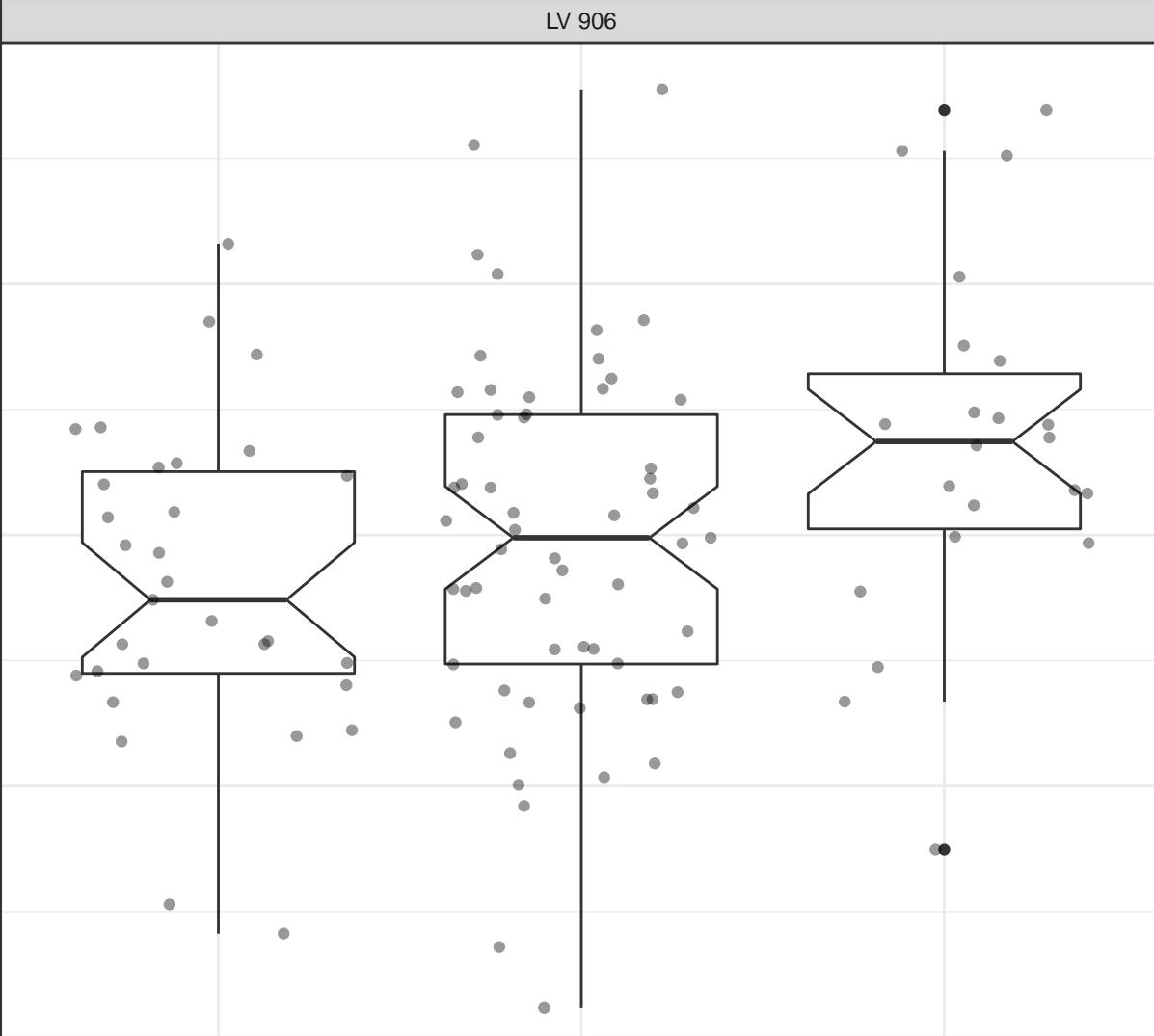
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 907

Value

0.10

0.05

0.00

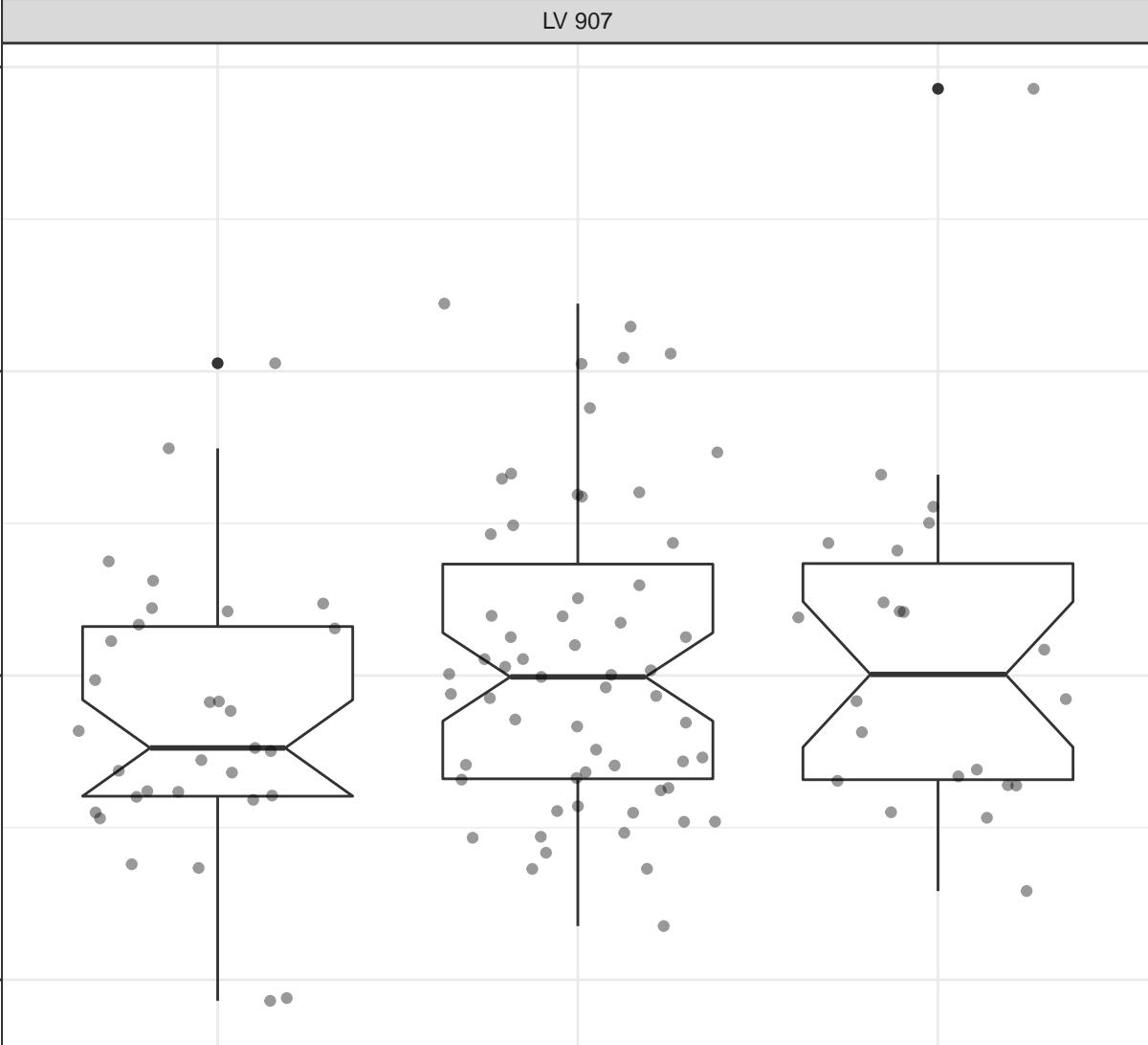
-0.05

Living donor control

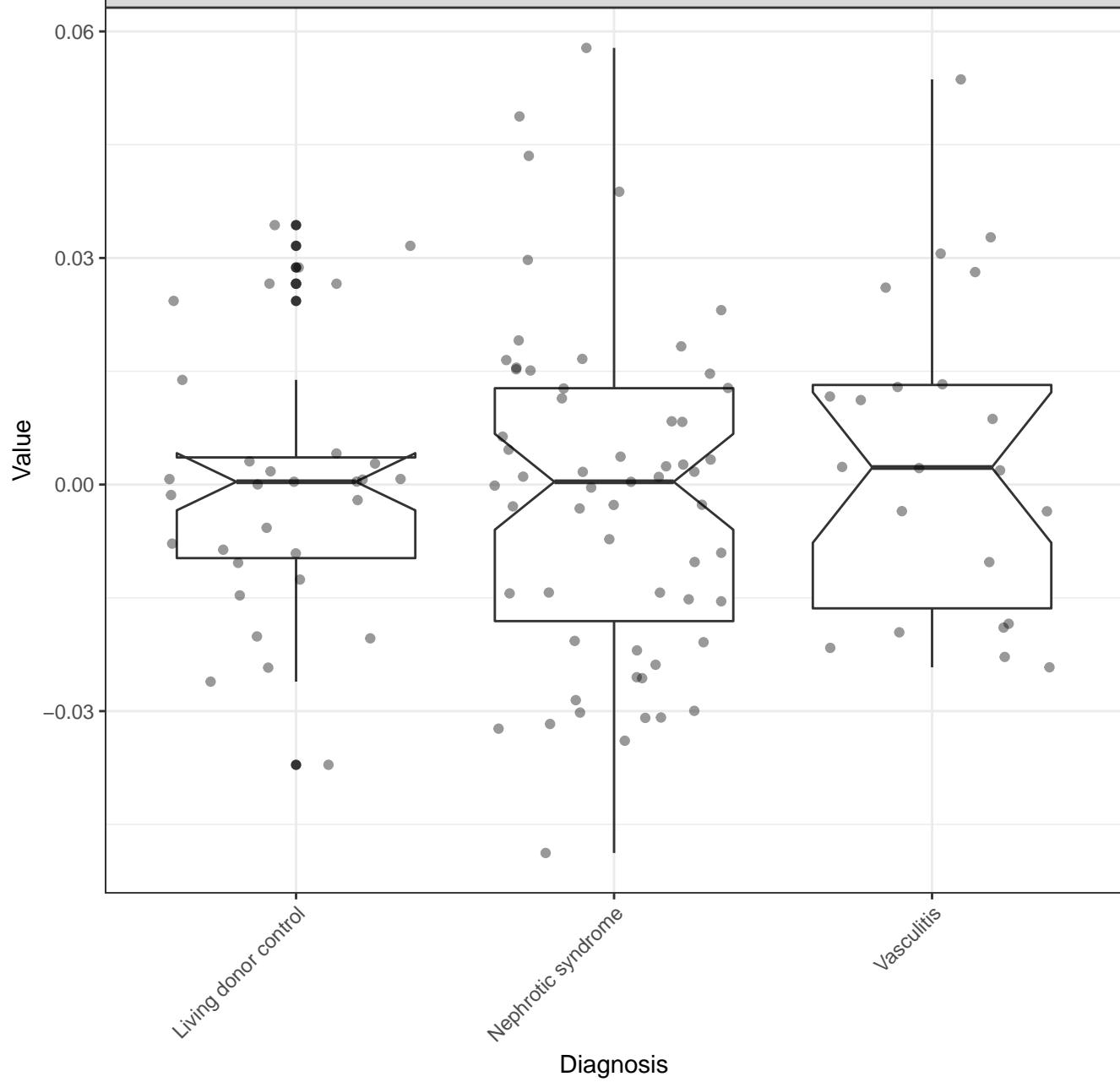
Nephrotic syndrome

Vasculitis

Diagnosis



LV 908



LV 909

Value

0.10

0.05

0.00

-0.05

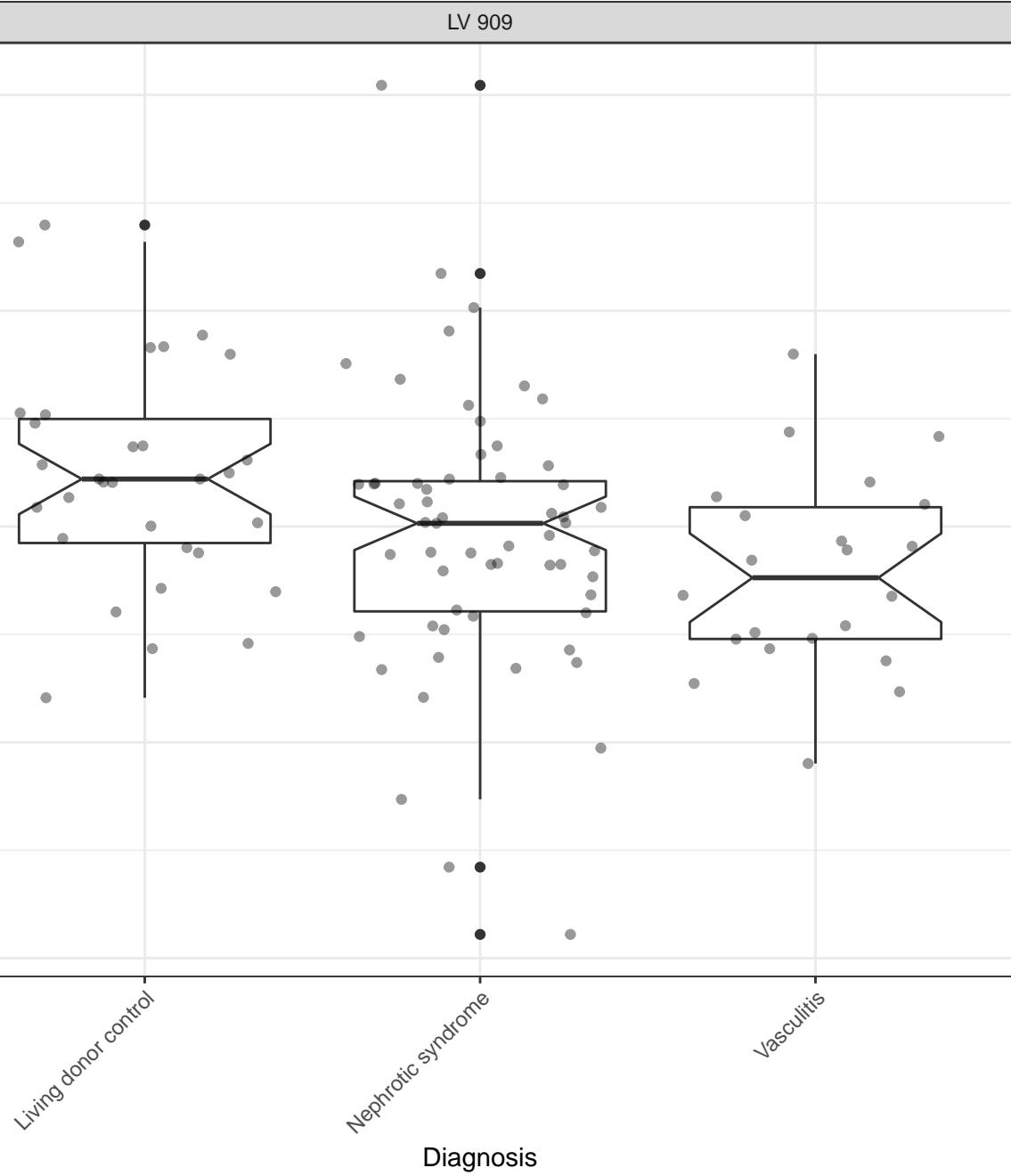
-0.10

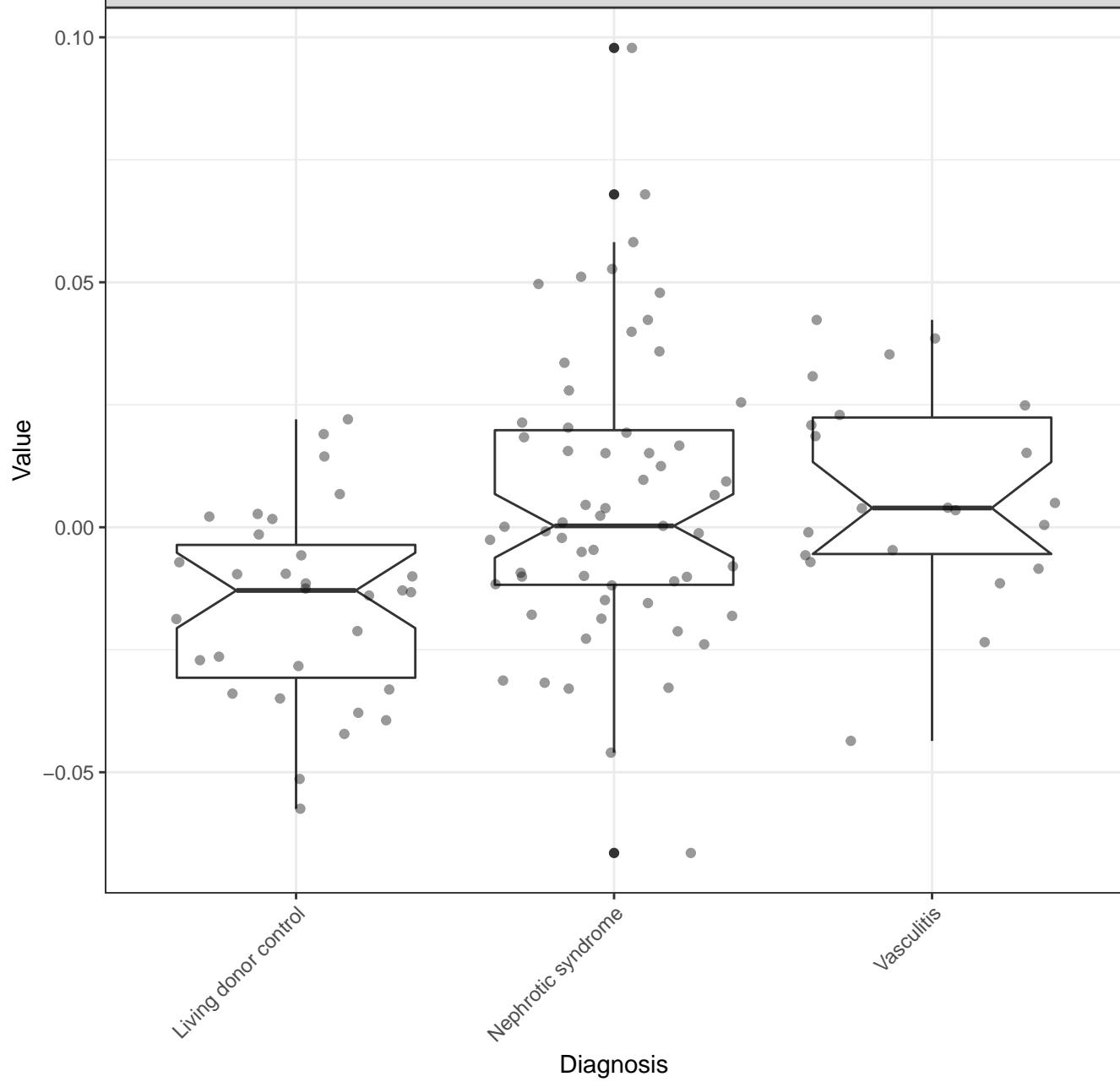
Living donor control

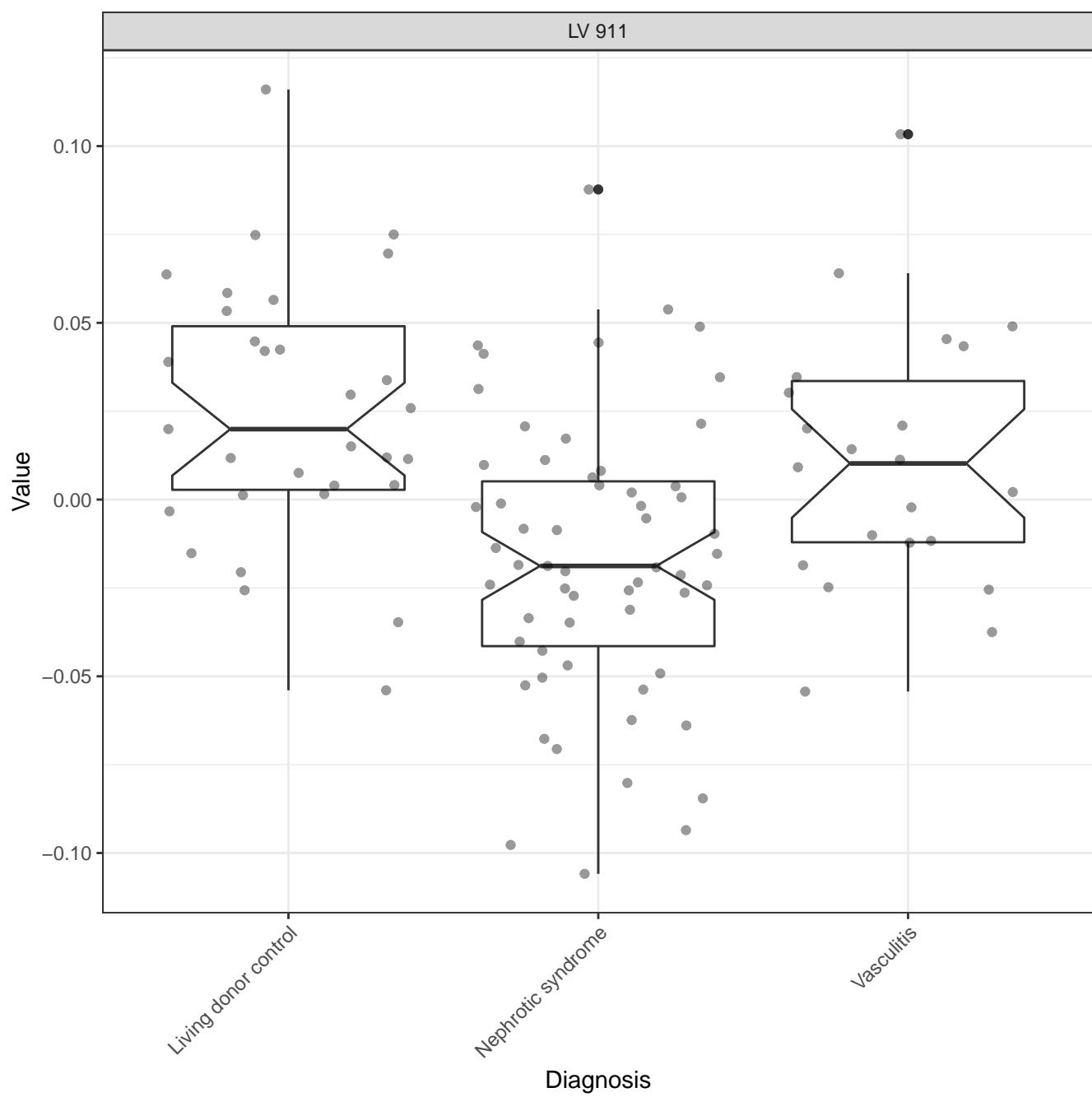
Nephrotic syndrome

Vasculitis

Diagnosis







LV 912

Value

0.02

0.01

0.00

-0.01

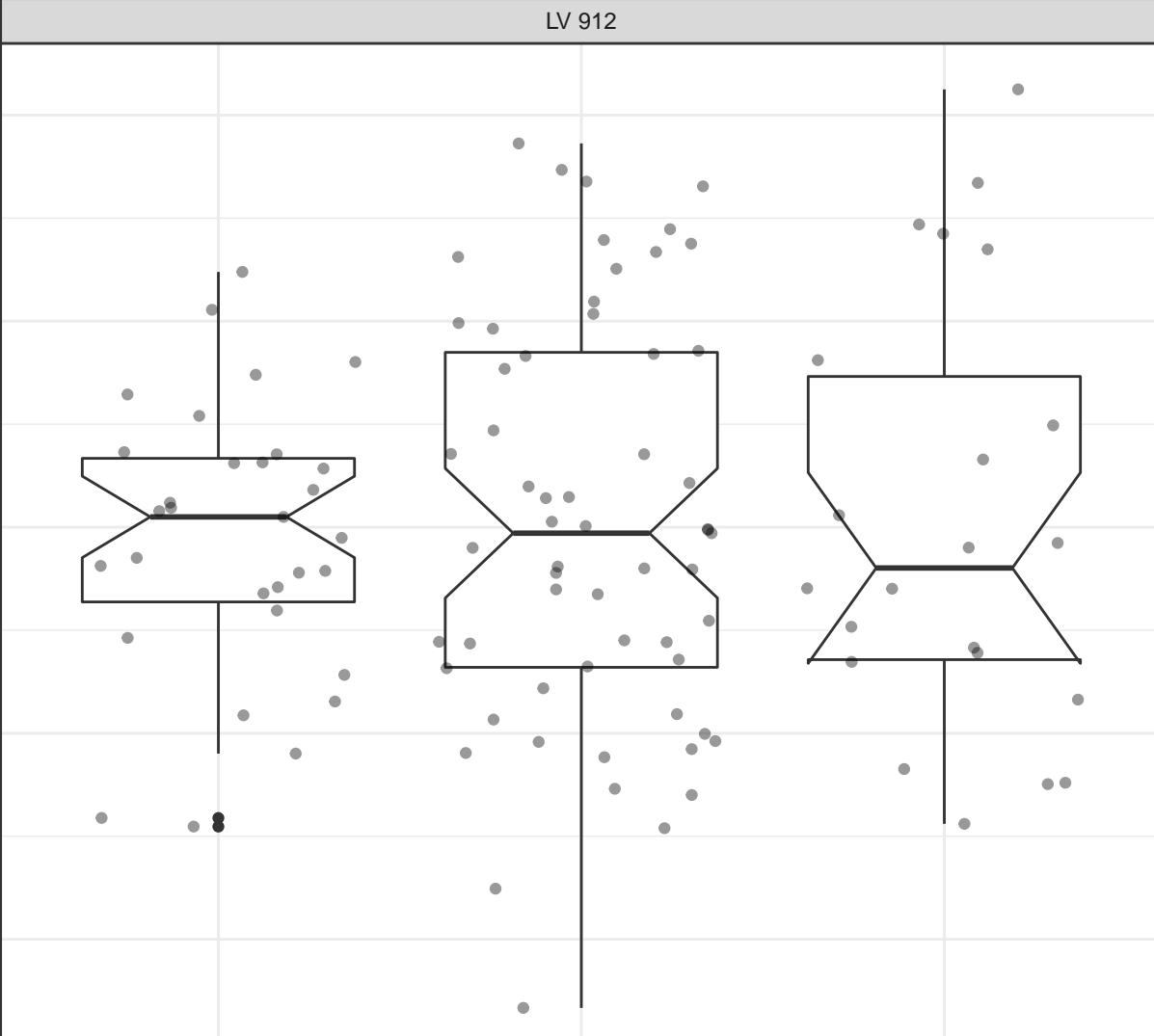
-0.02

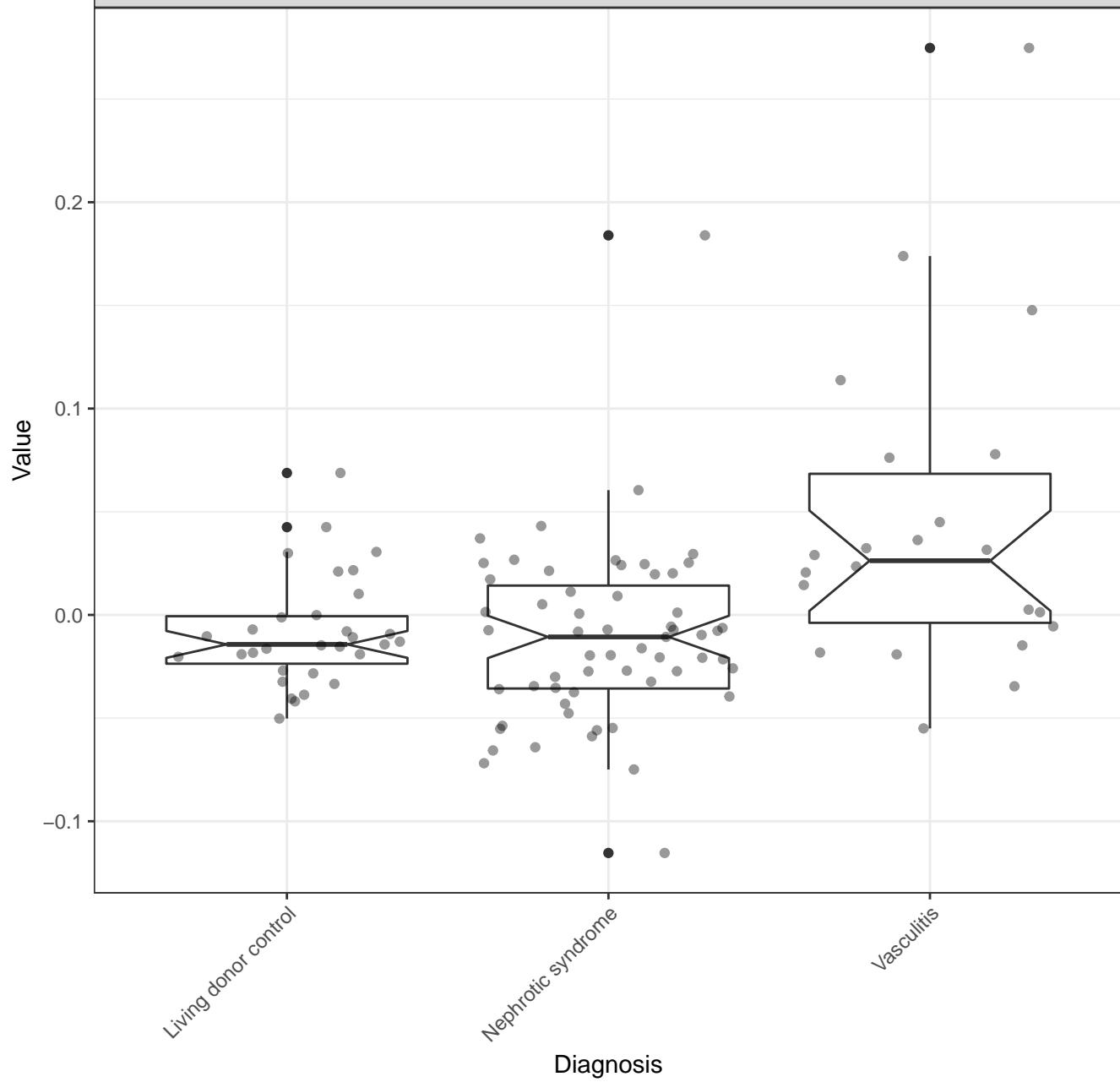
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 914

Value

0.05

0.00

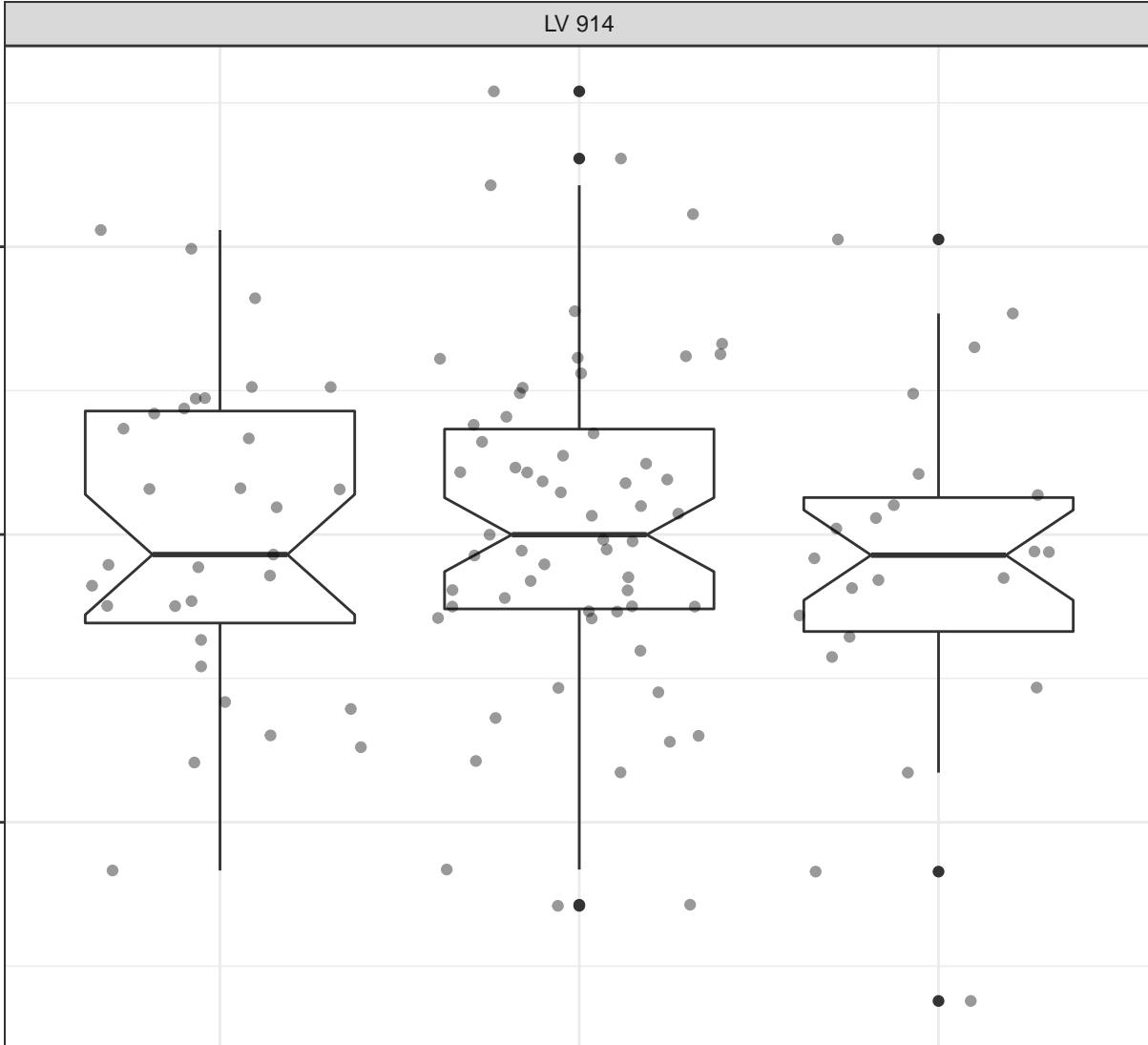
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 915,MIPS\_SPLICEOSOME

Value

0.2

0.0

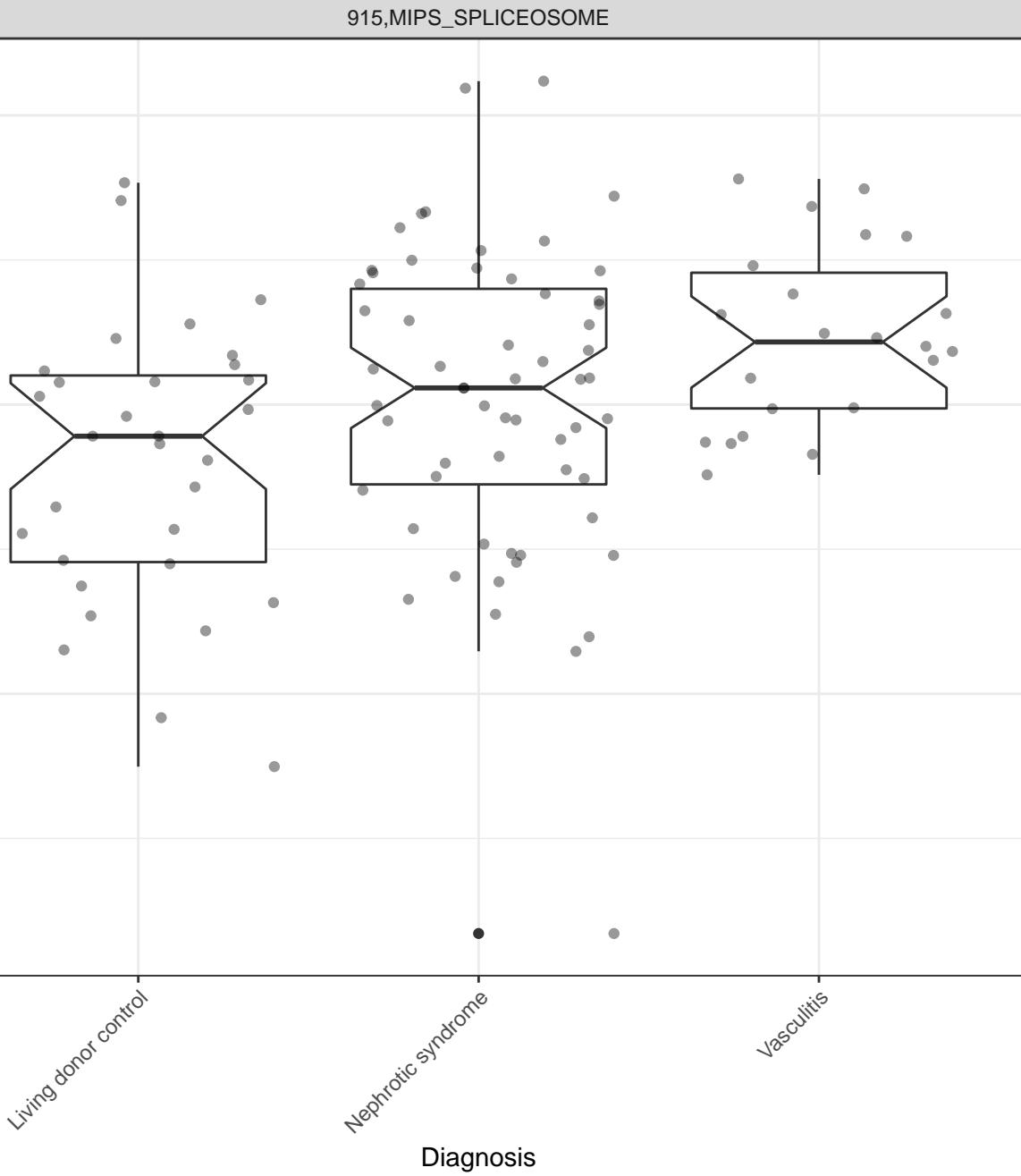
-0.2

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 916

Value

0.05

0.00

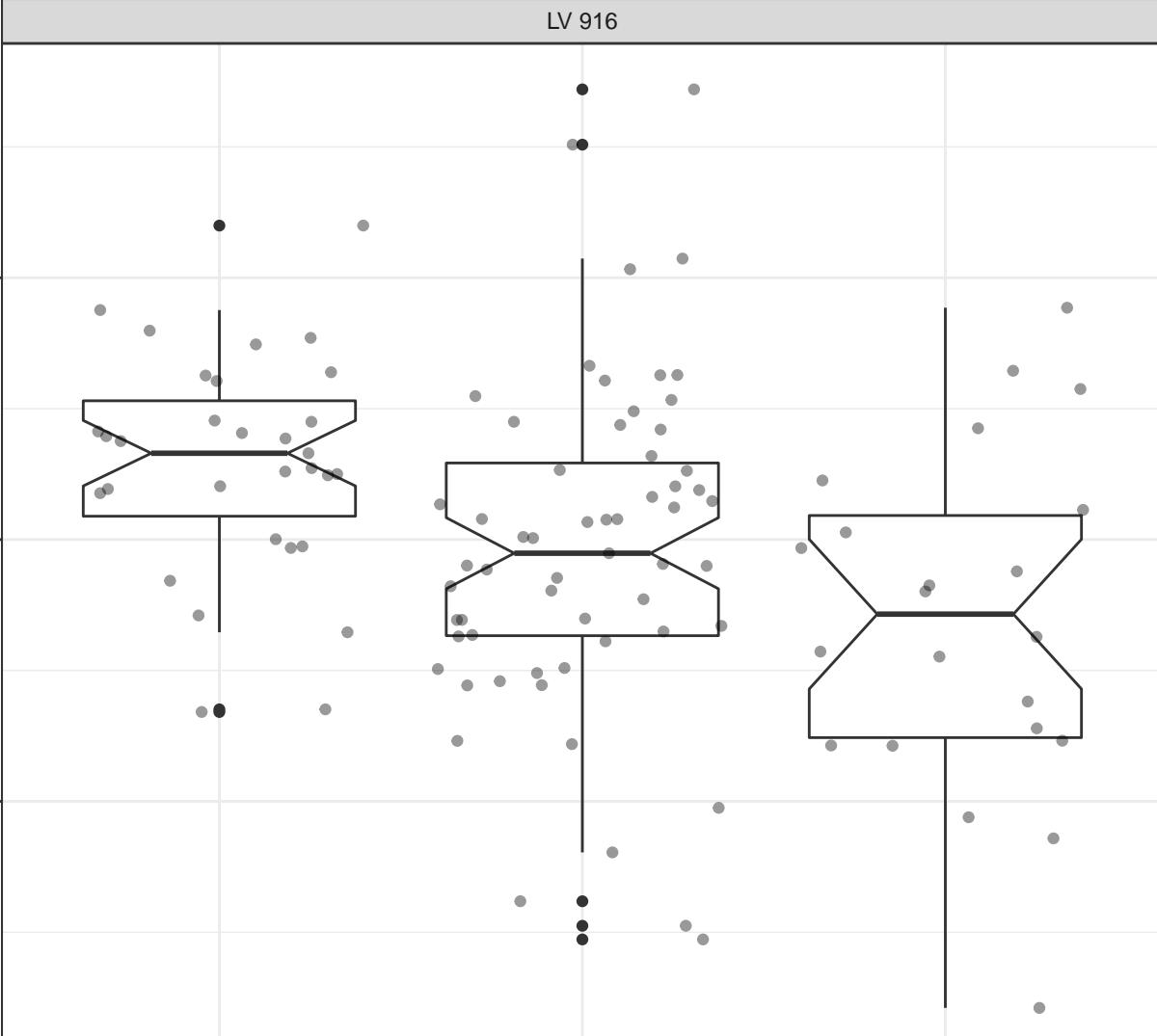
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

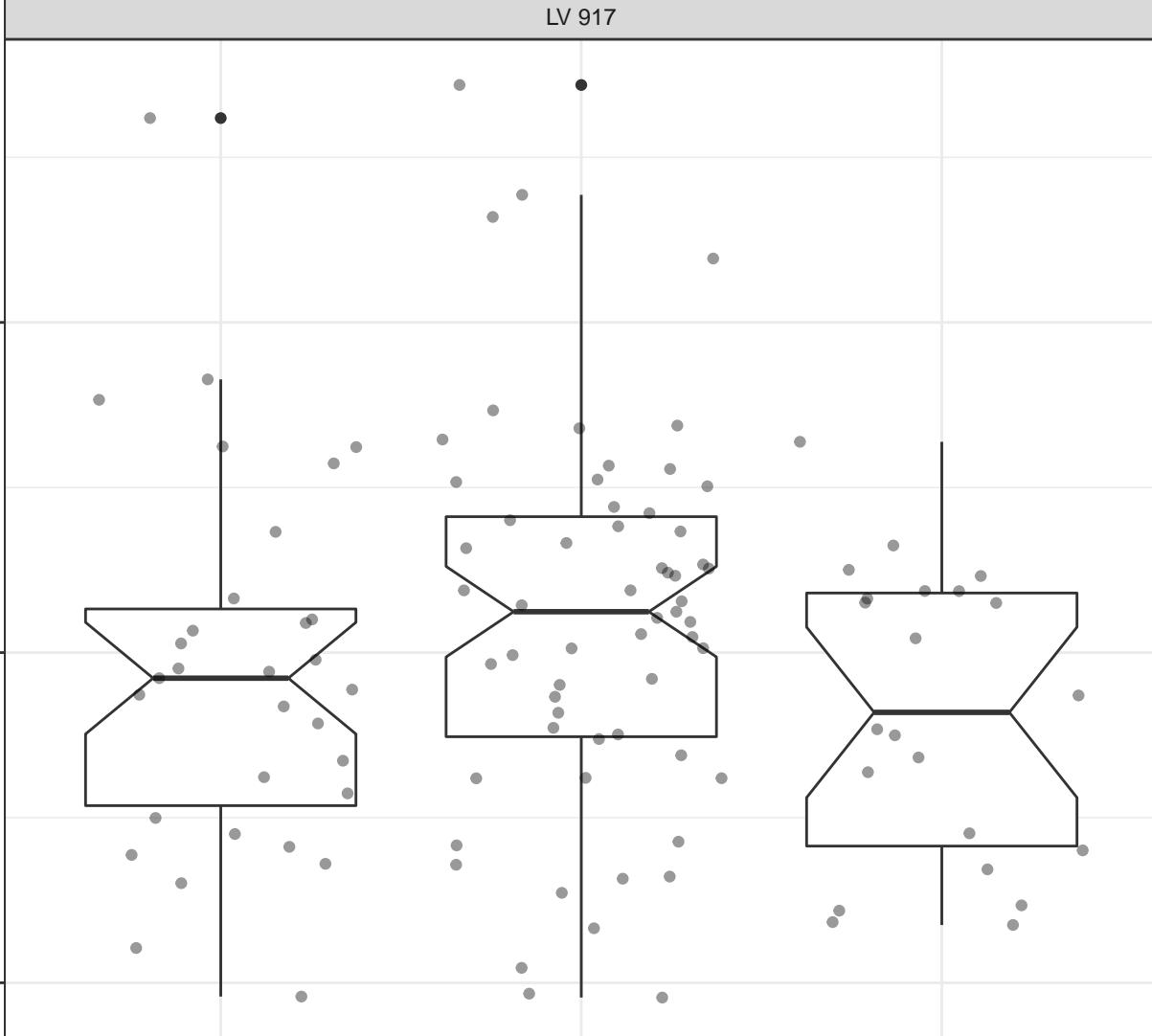
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 918

Value

0.10

0.05

0.00

-0.05

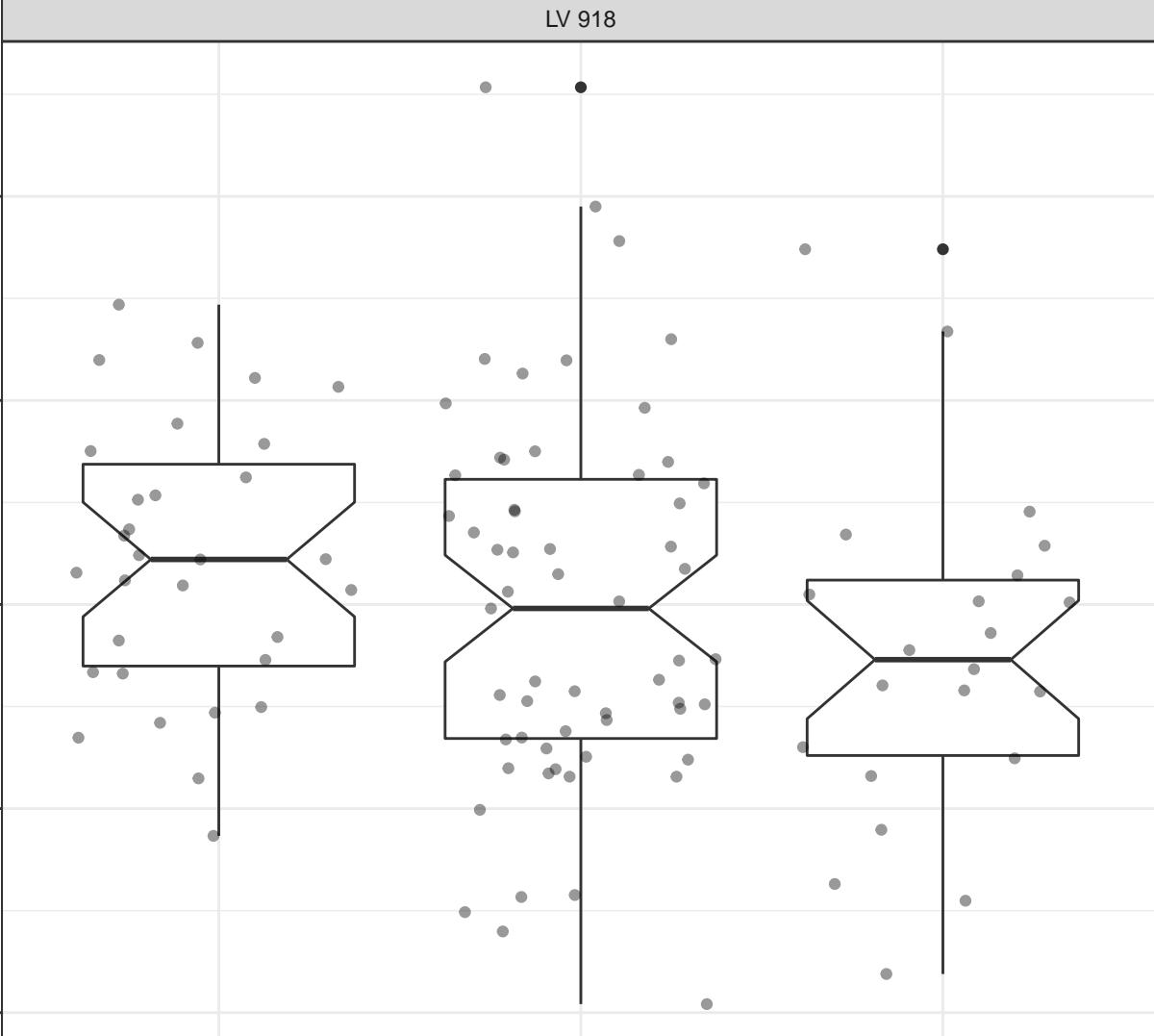
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 919

Value

0.10

0.05

0.00

-0.05

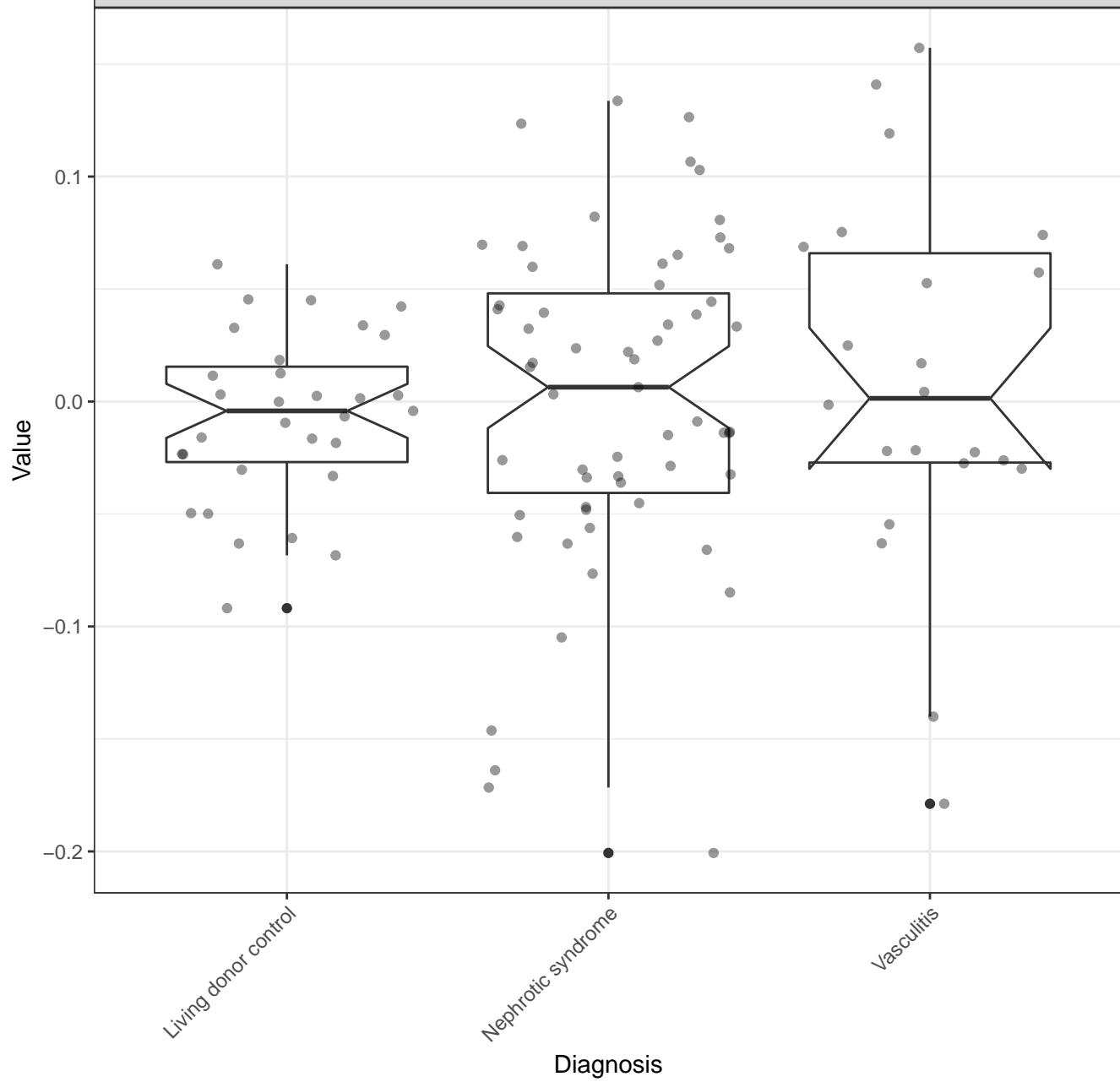
Living donor control

Nephrotic syndrome

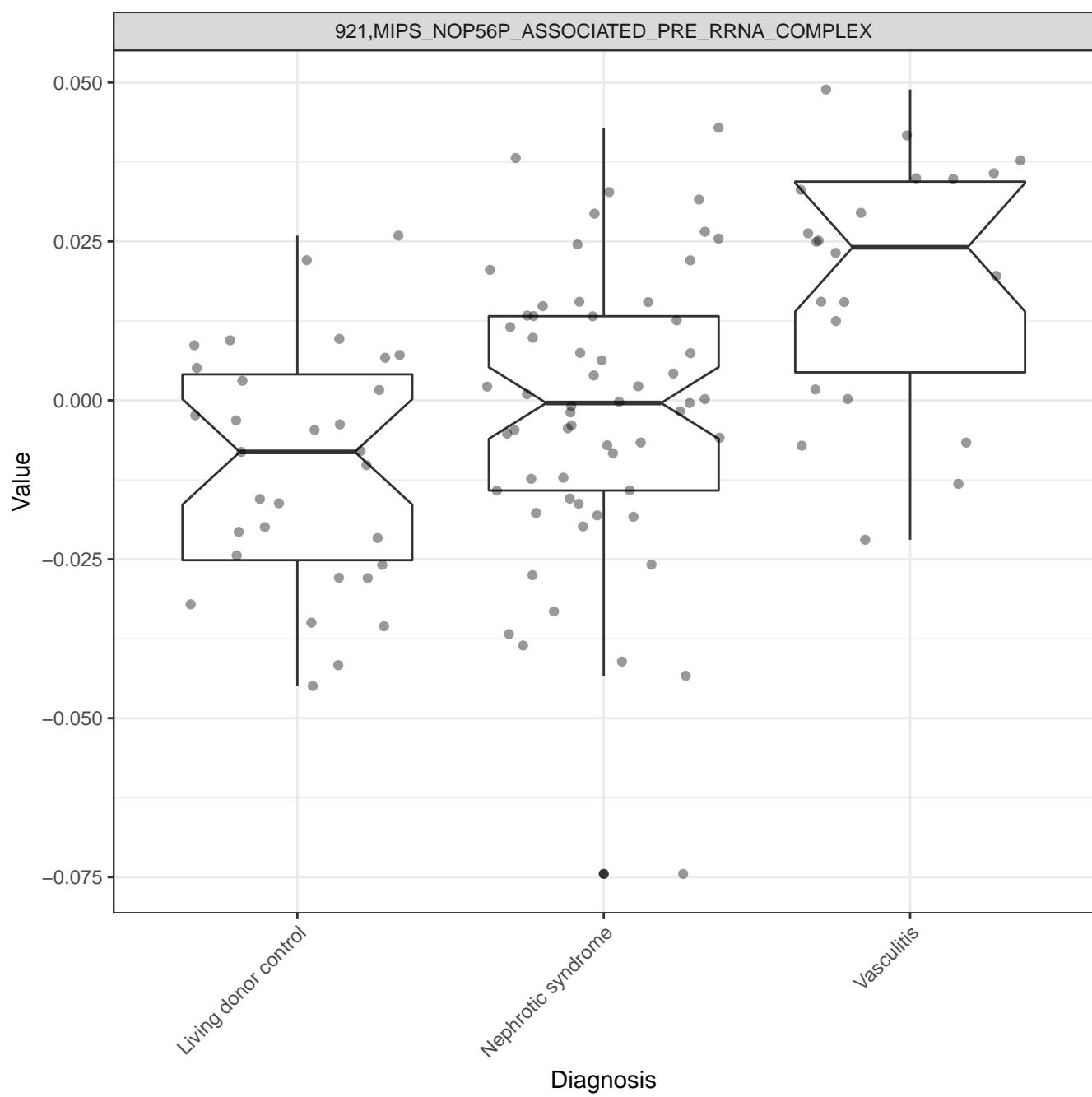
Vasculitis

Diagnosis

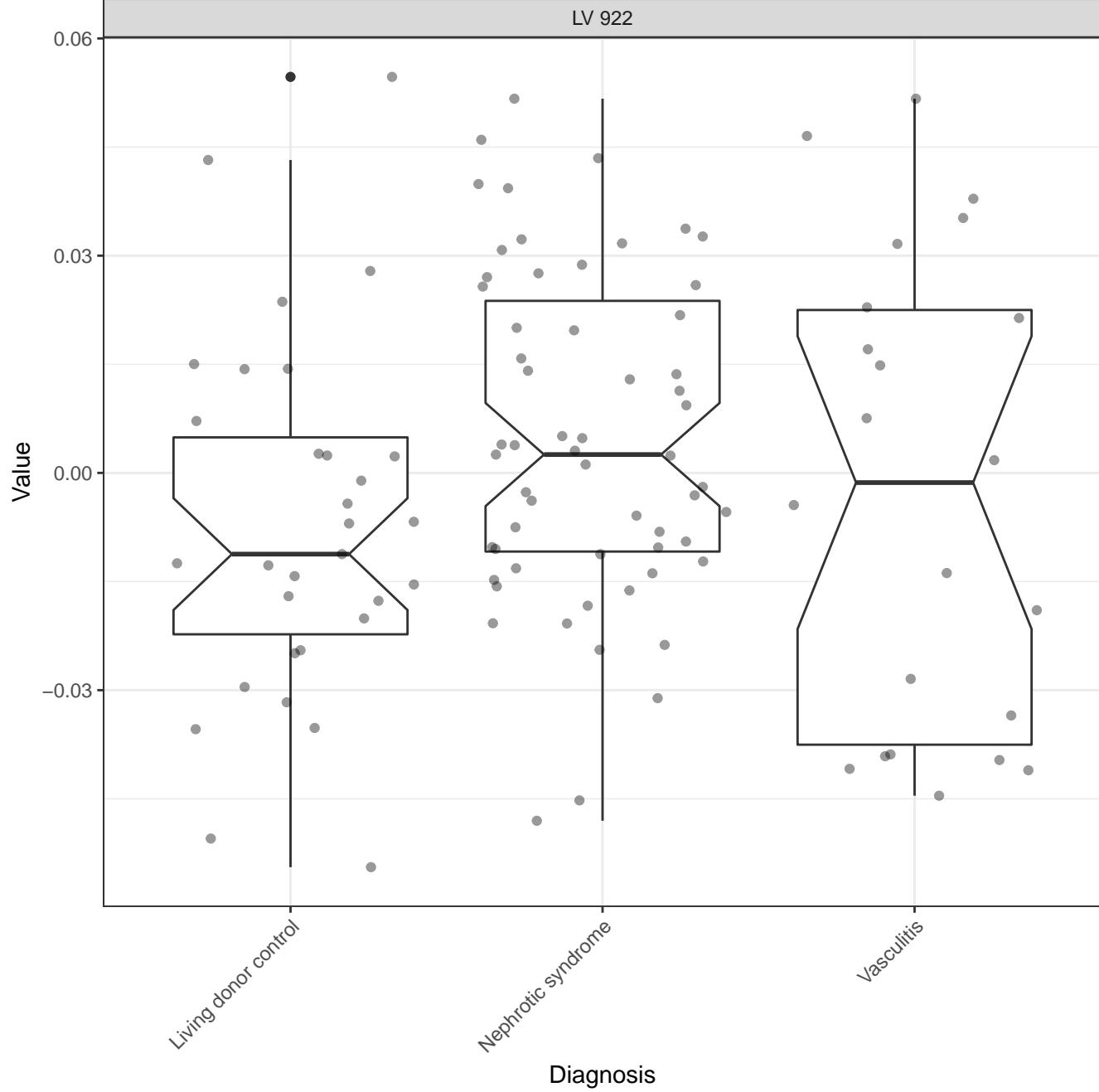
LV 920



921,MIPS\_NOP56P\_ASSOCIATED\_PRE\_RRNA\_COMPLEX



LV 922



LV 923

Value

0.05

0.00

-0.05

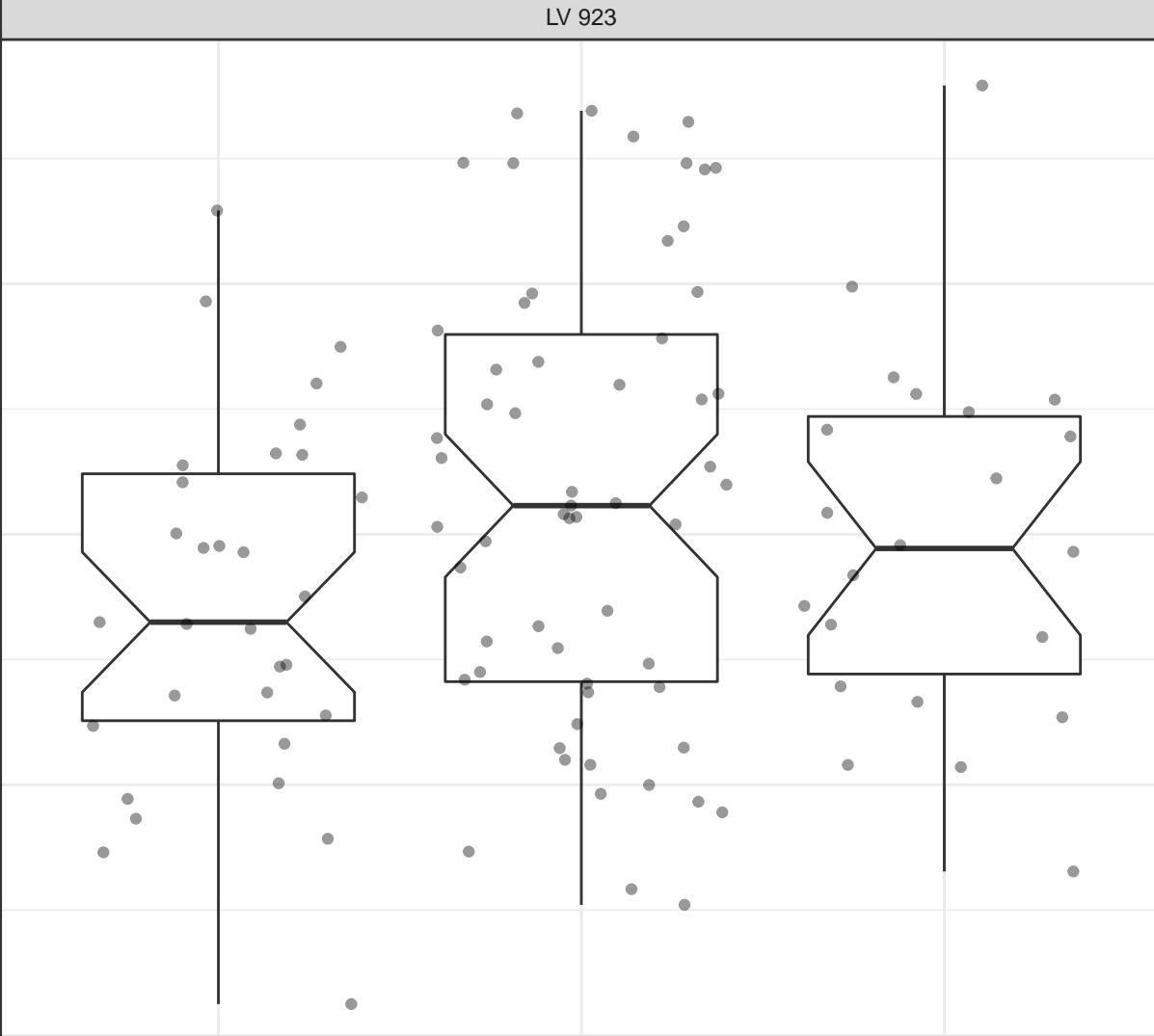
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 924

Value

0.05

0.01

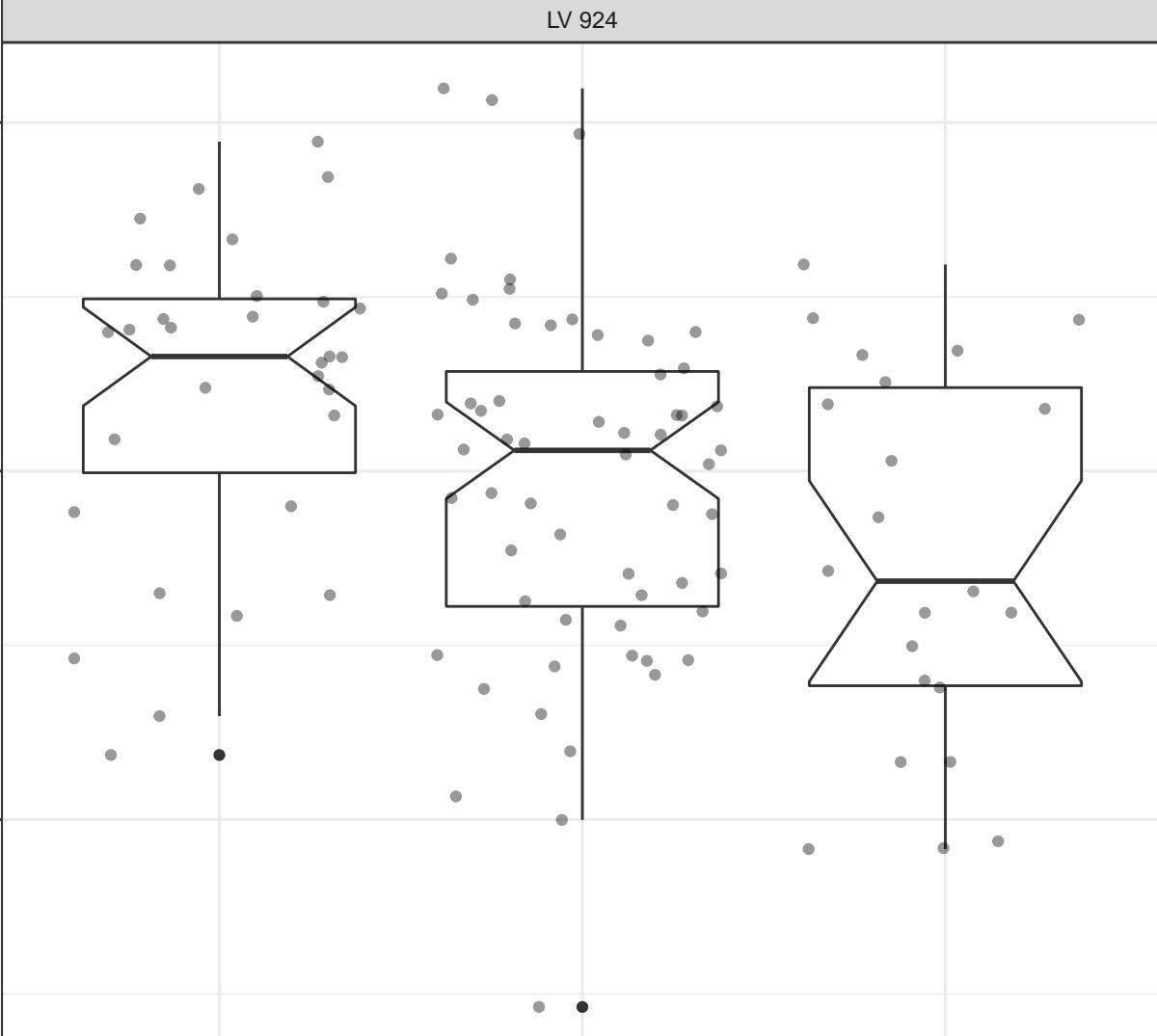
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 925

Value

0.10

0.05

0.00

-0.05

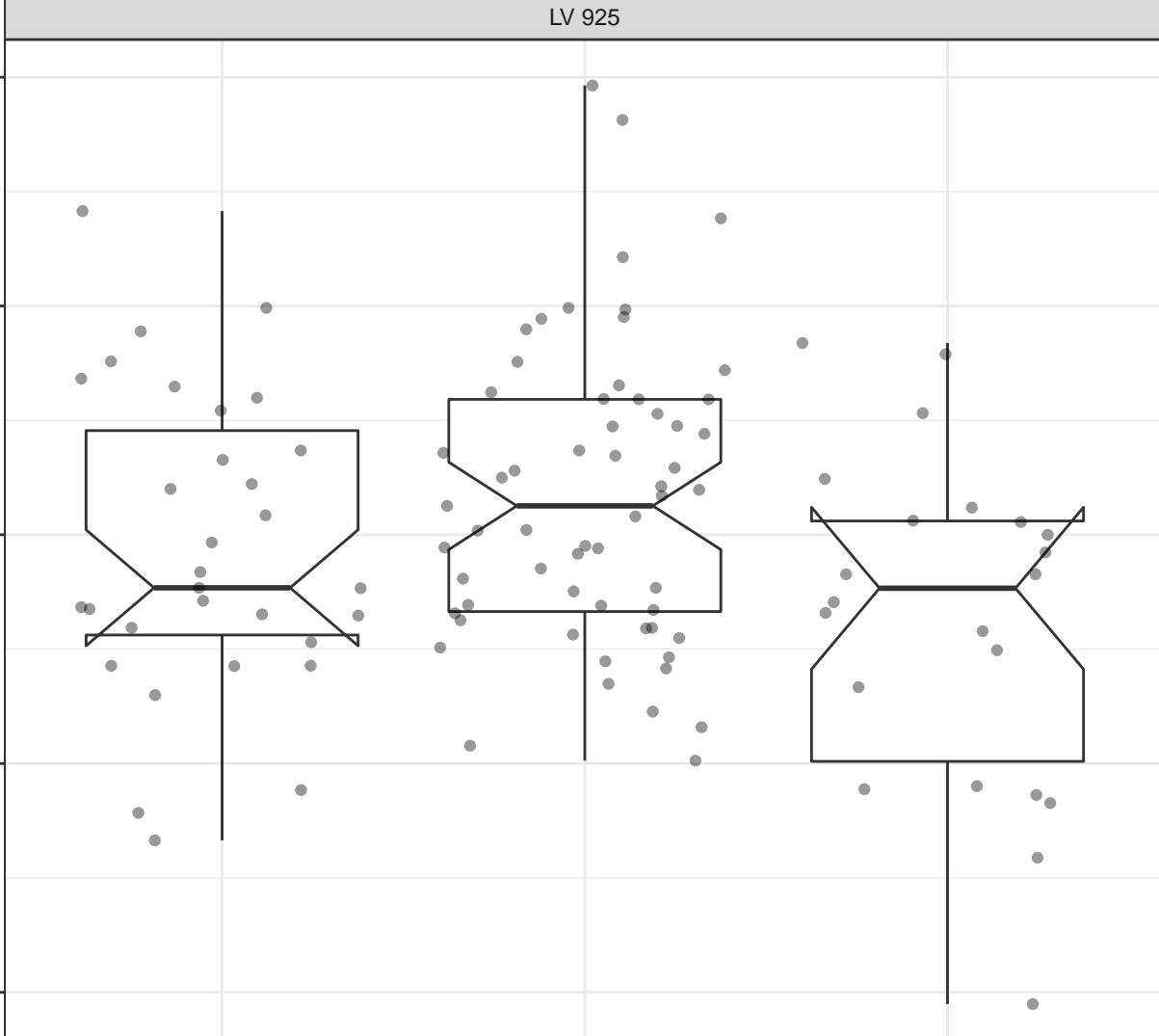
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 926

Value

0.05

0.00

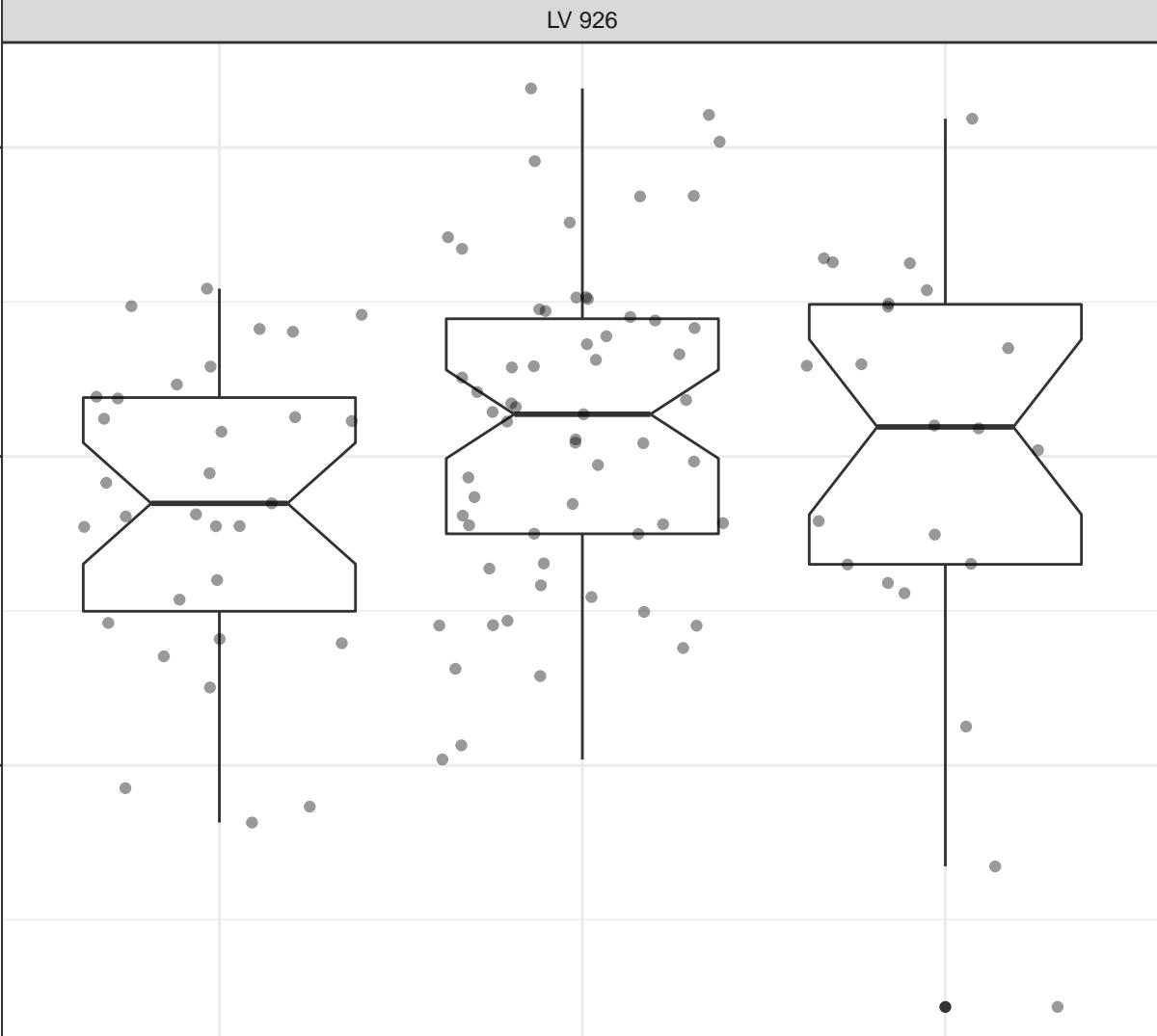
-0.05

Living donor control

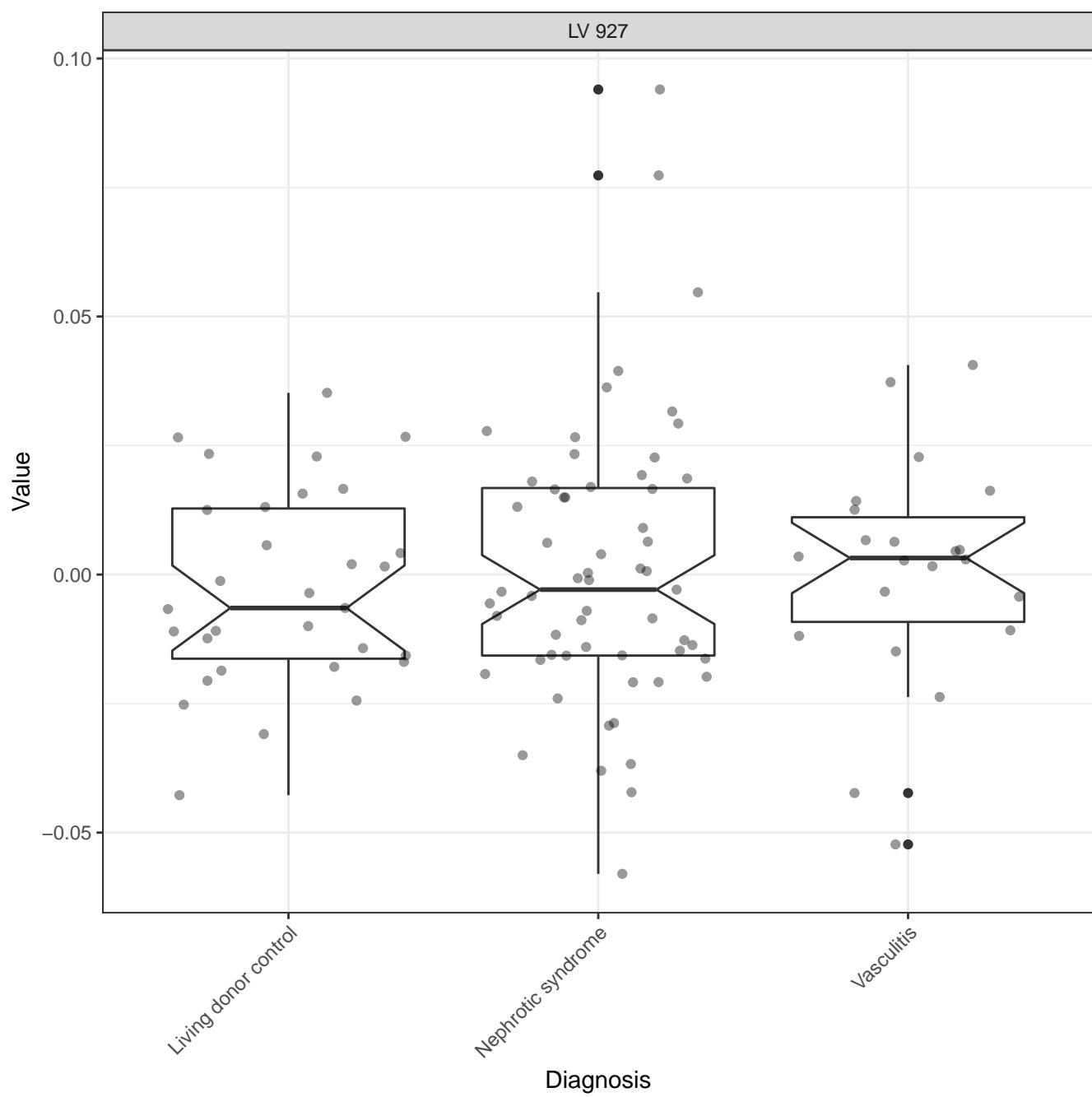
Nephrotic syndrome

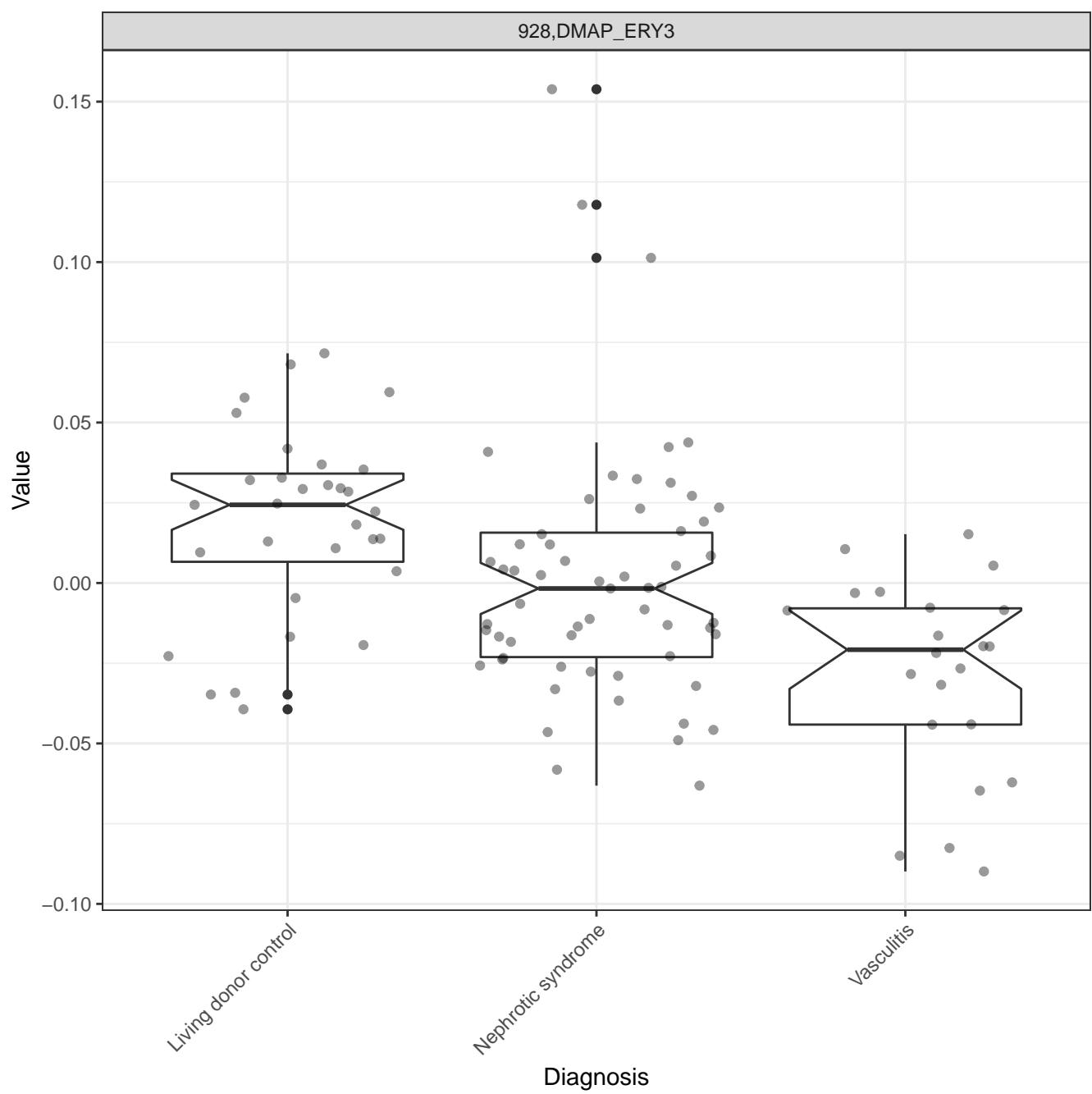
Vasculitis

Diagnosis

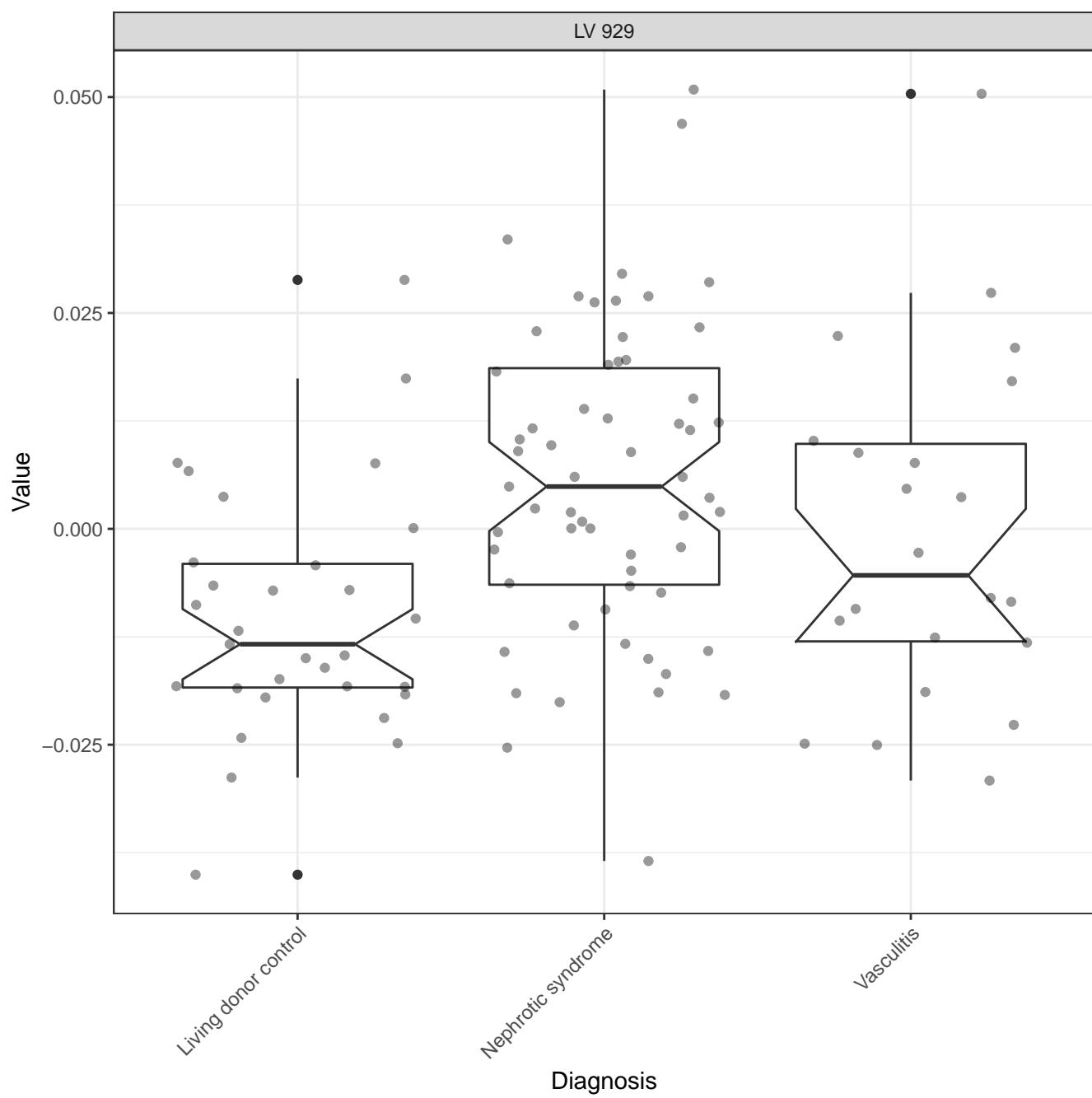


LV 927





LV 929



LV 930

Value

0.05

0.00

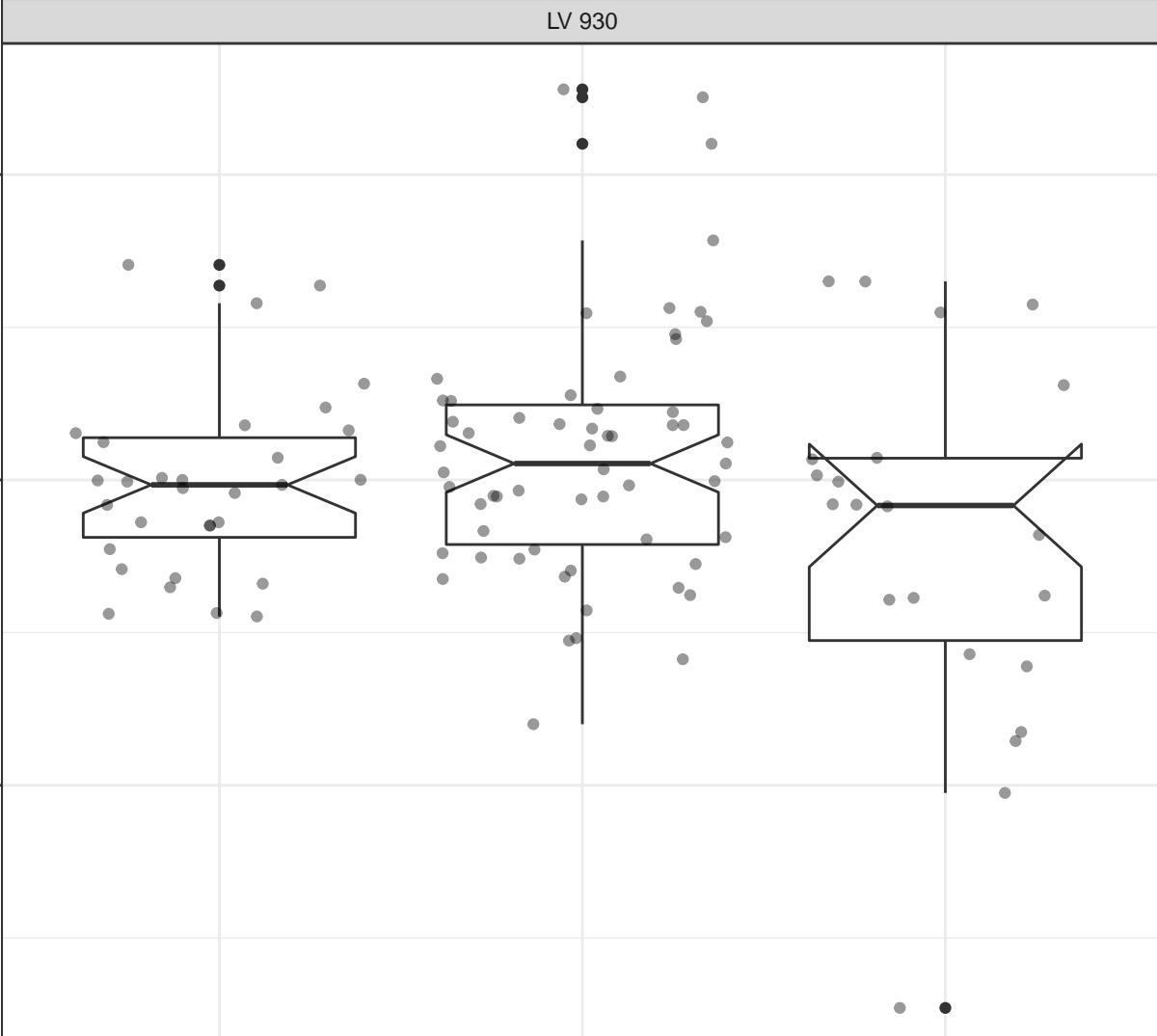
-0.05

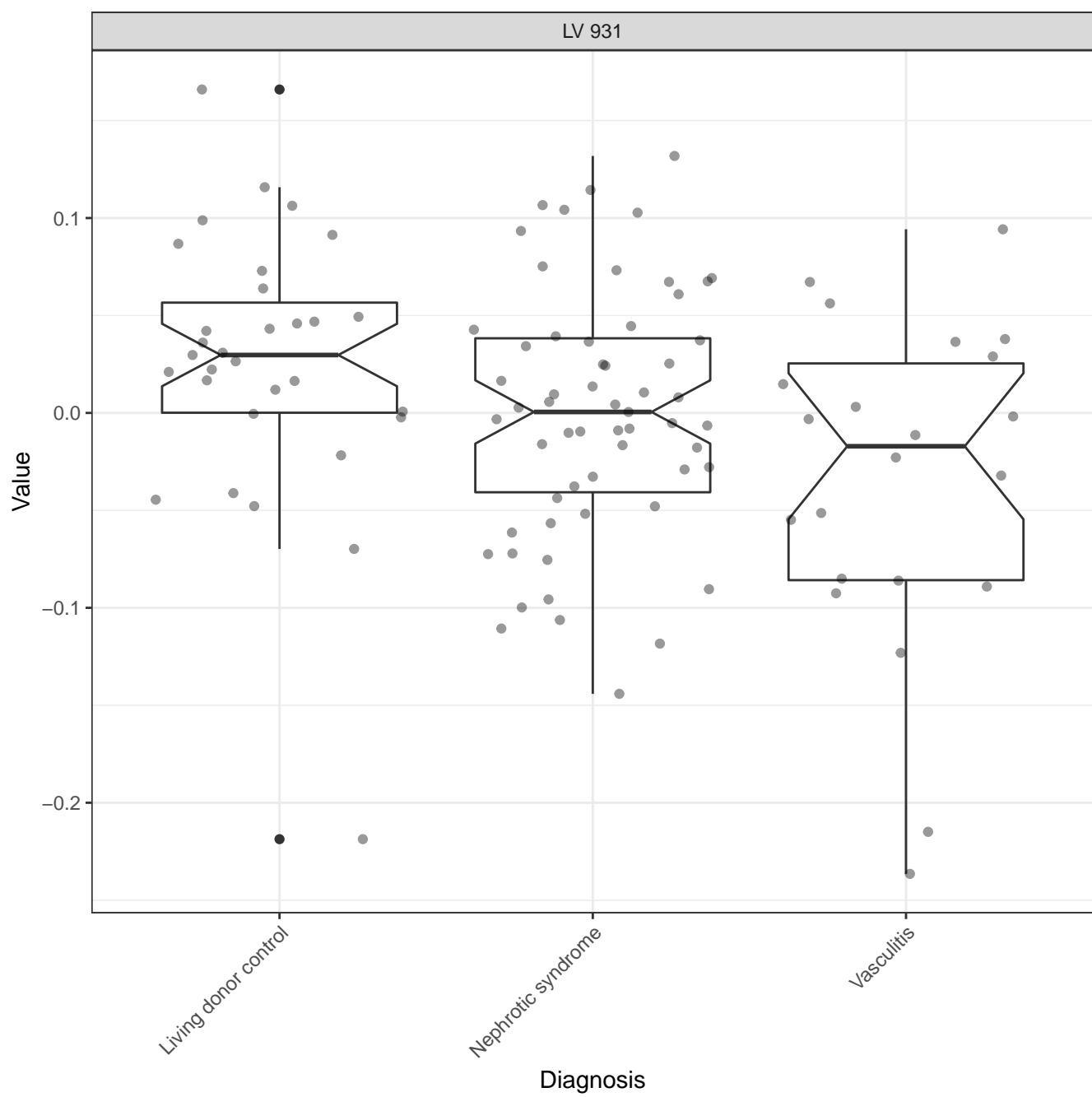
Living donor control

Nephrotic syndrome

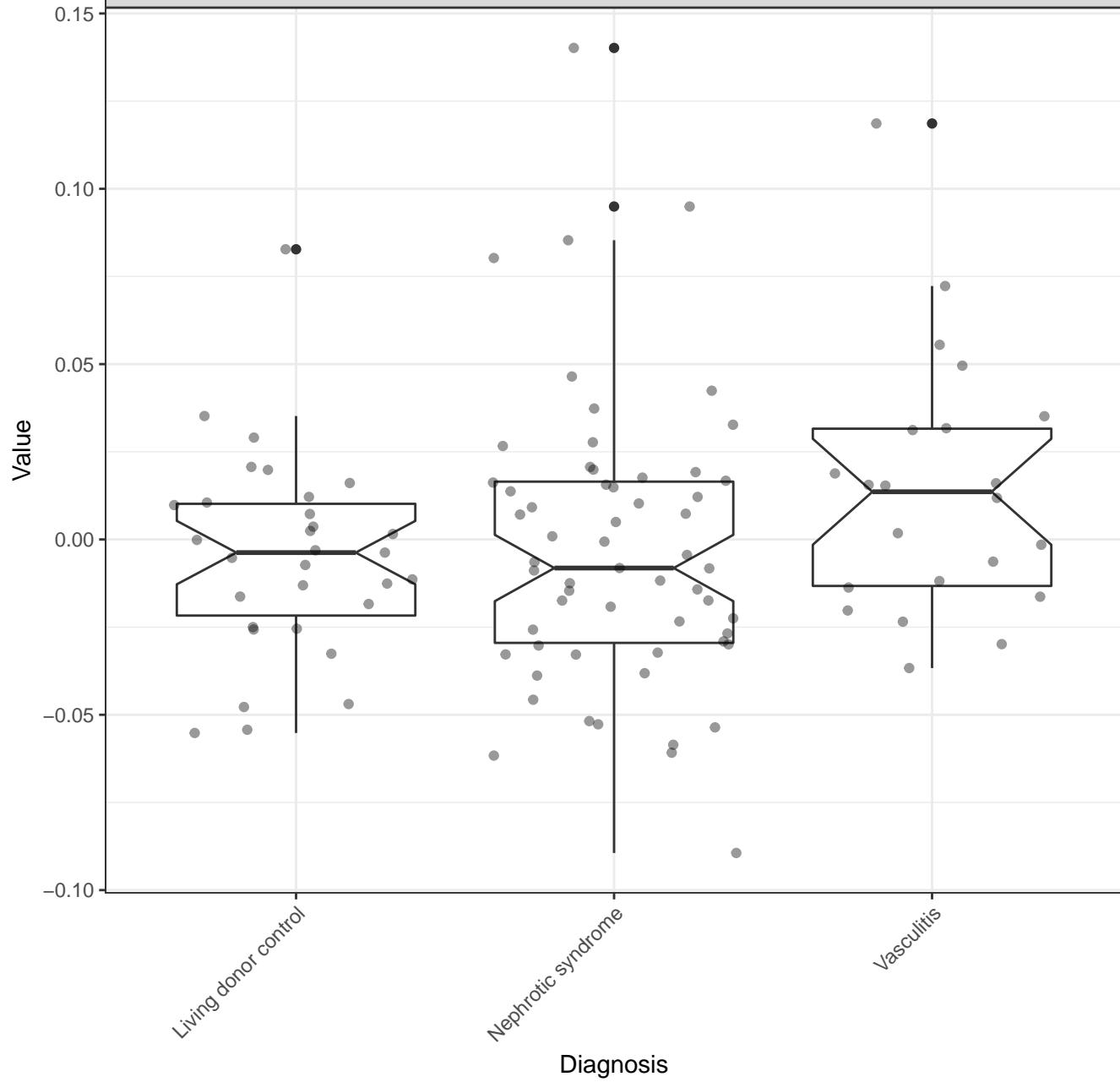
Vasculitis

Diagnosis

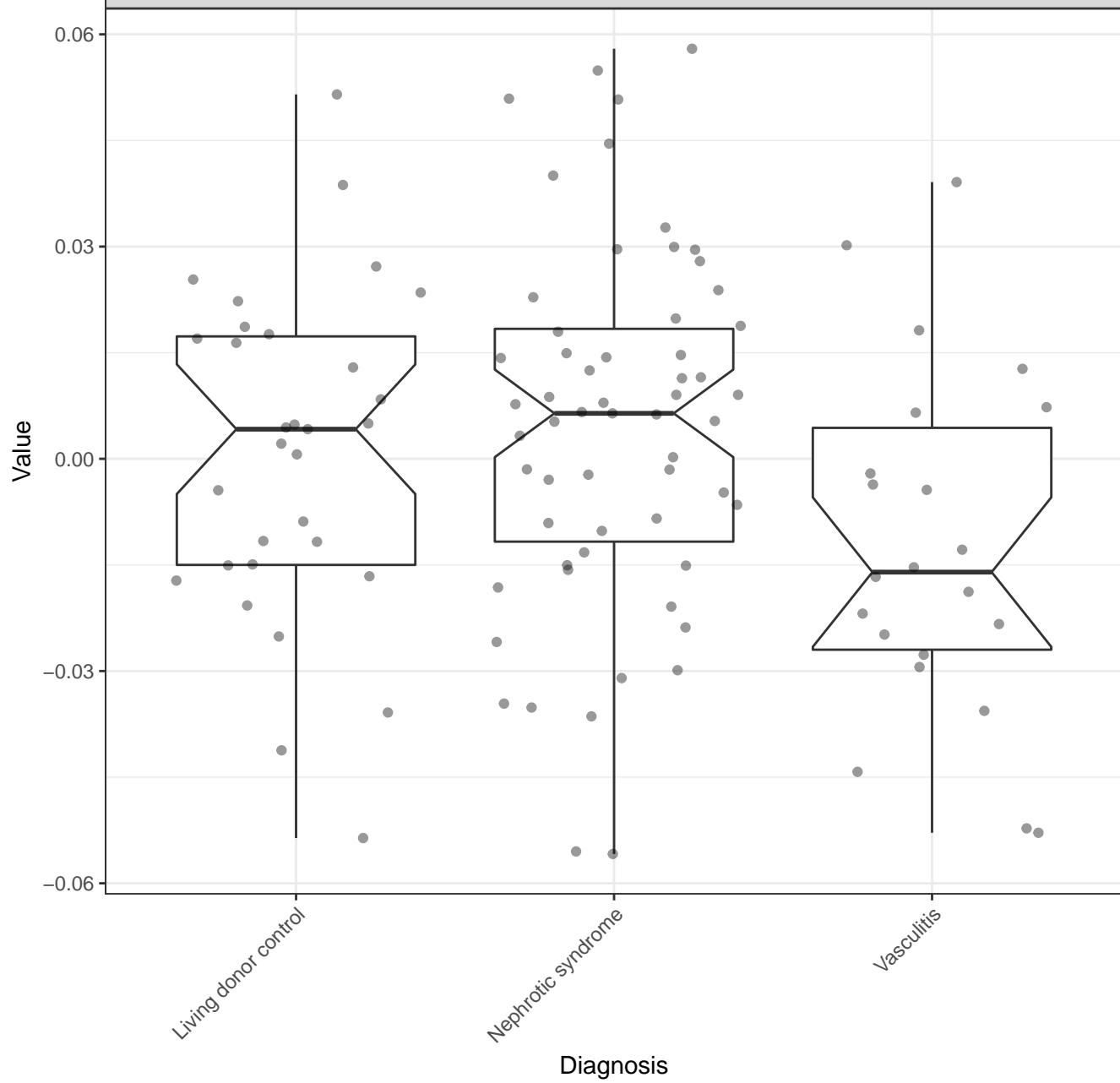




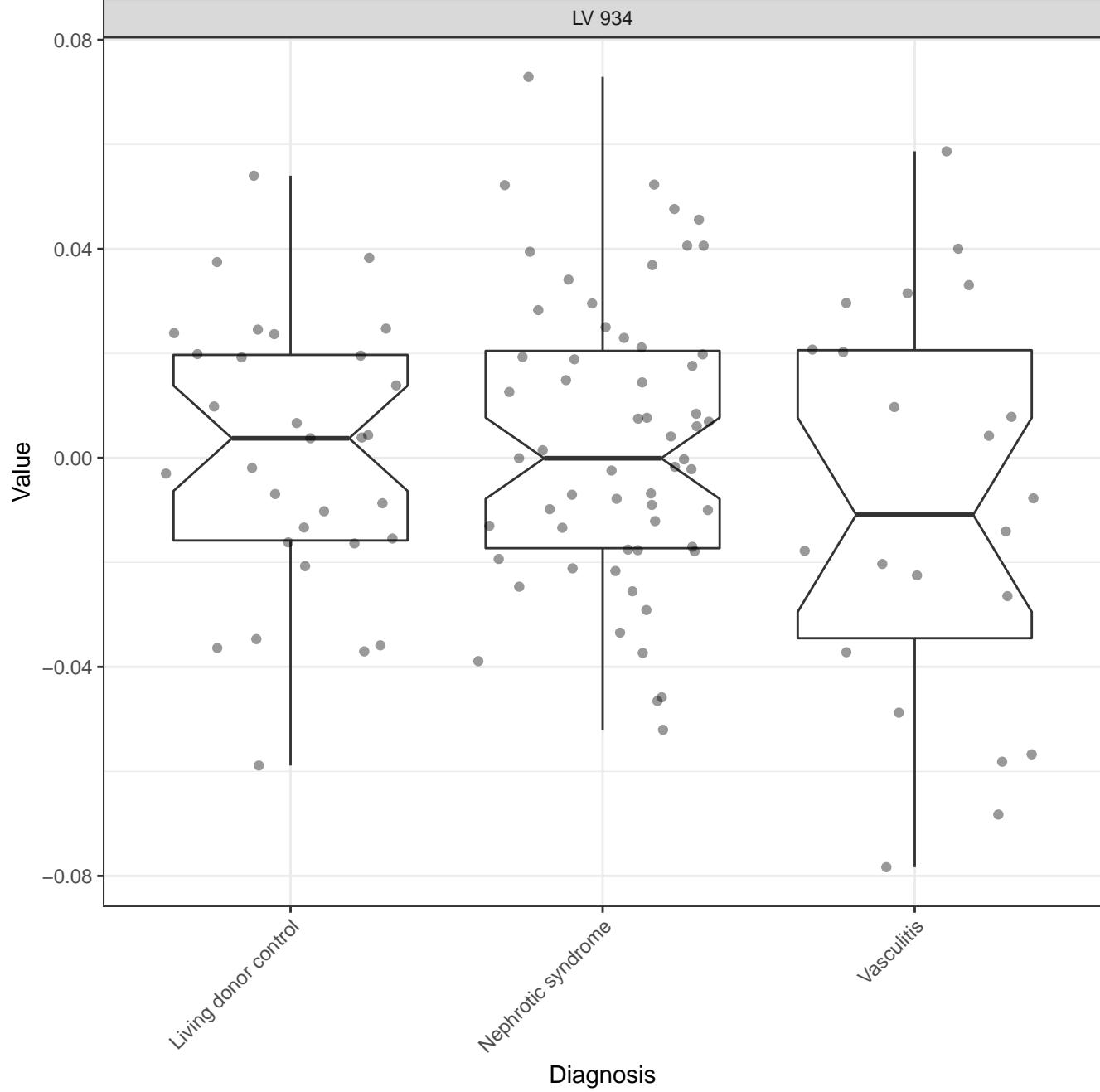
## 932,SVM T cells follicular helper



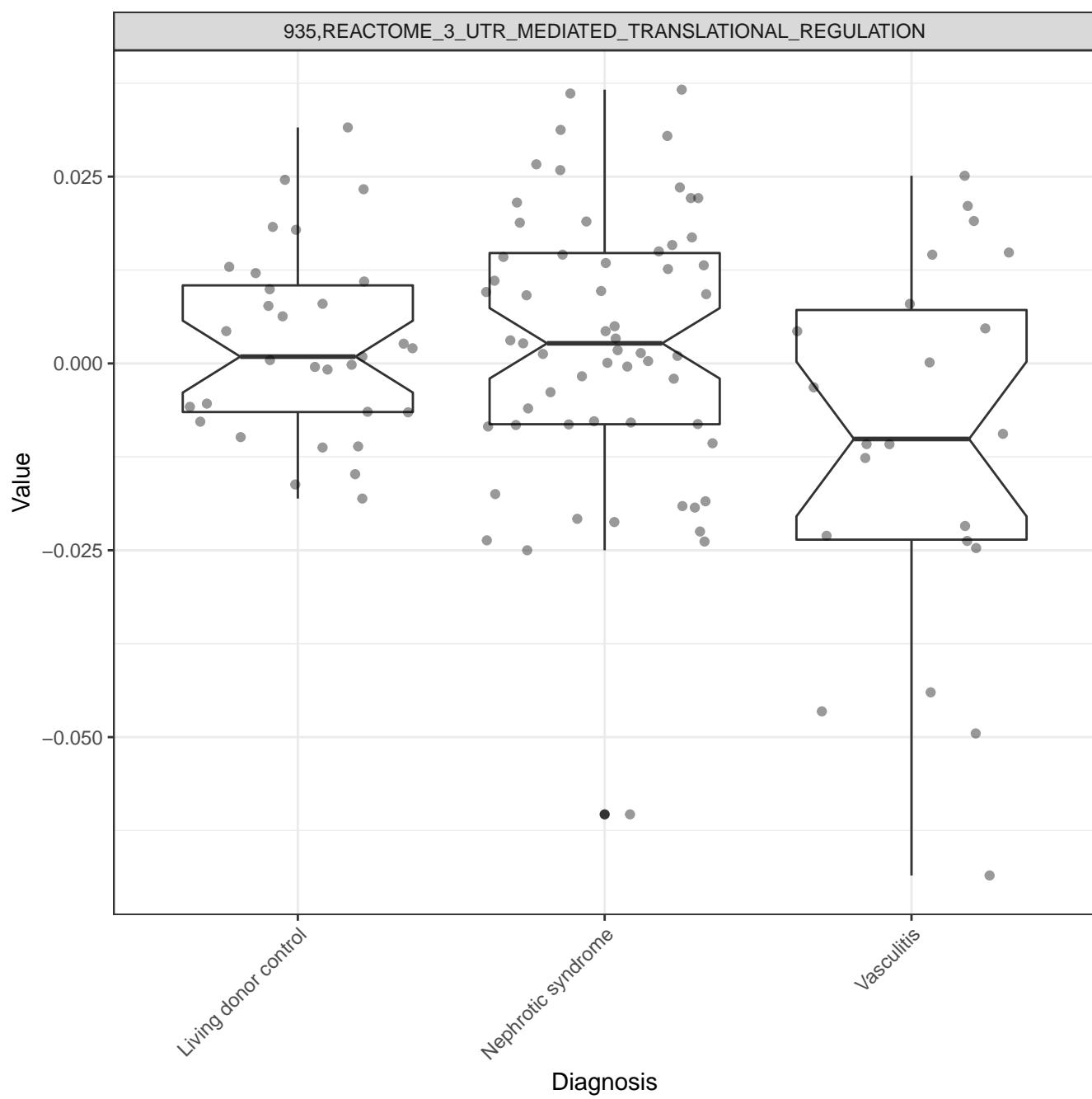
LV 933



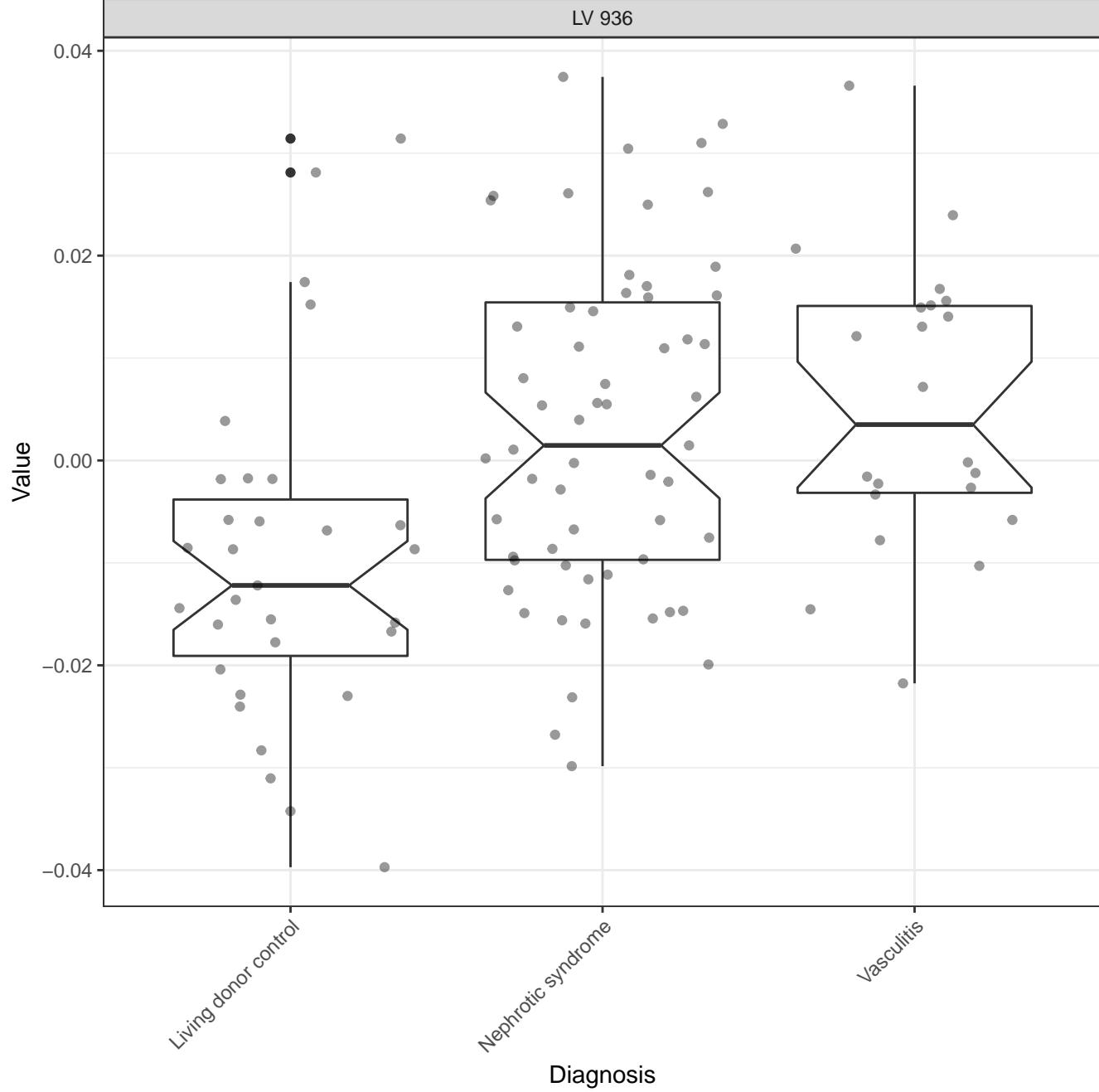
LV 934



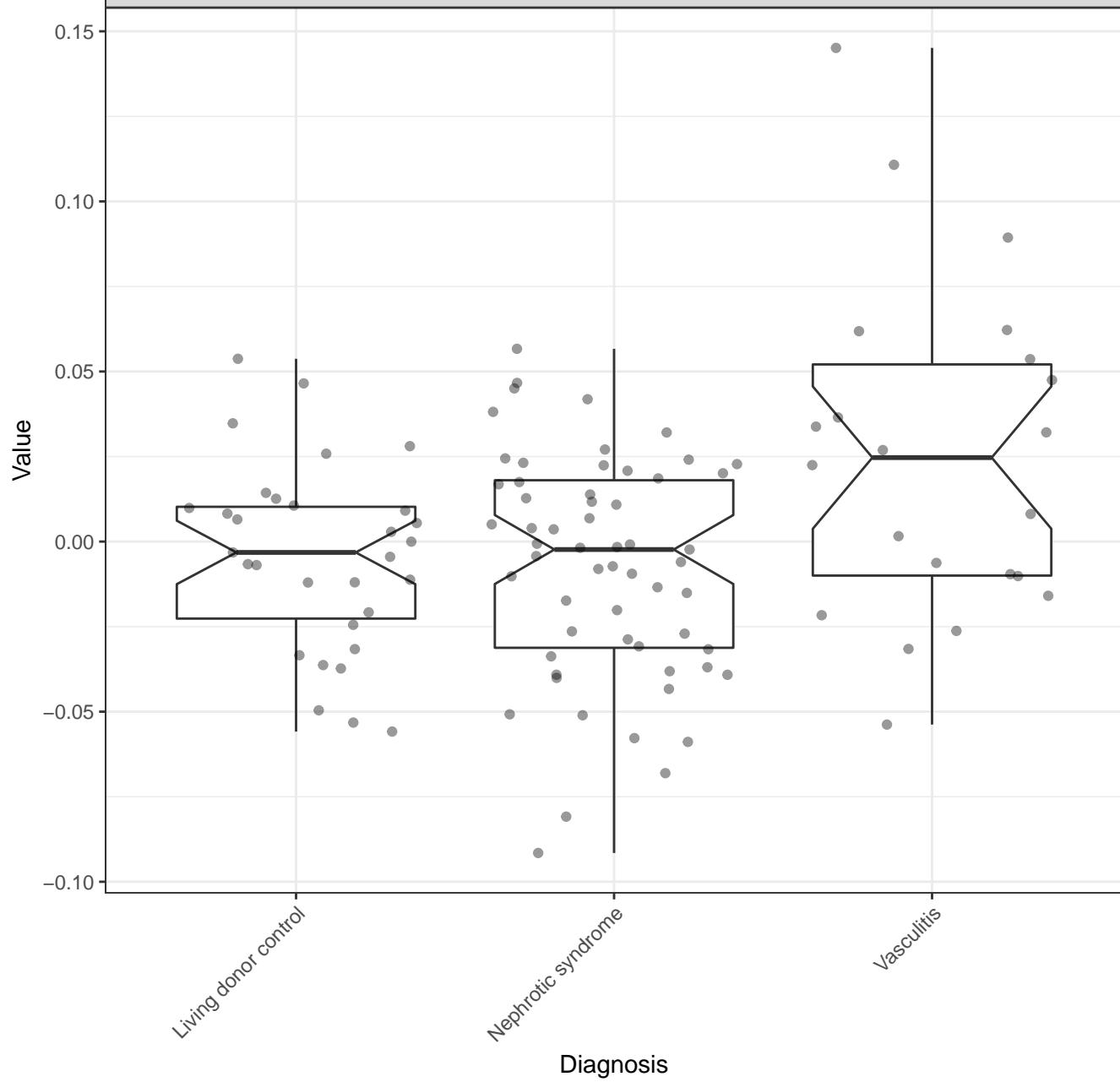
## 935,REACTOME\_3\_UTR\_MEDiated\_TRANSLATIONAL\_REGULATION



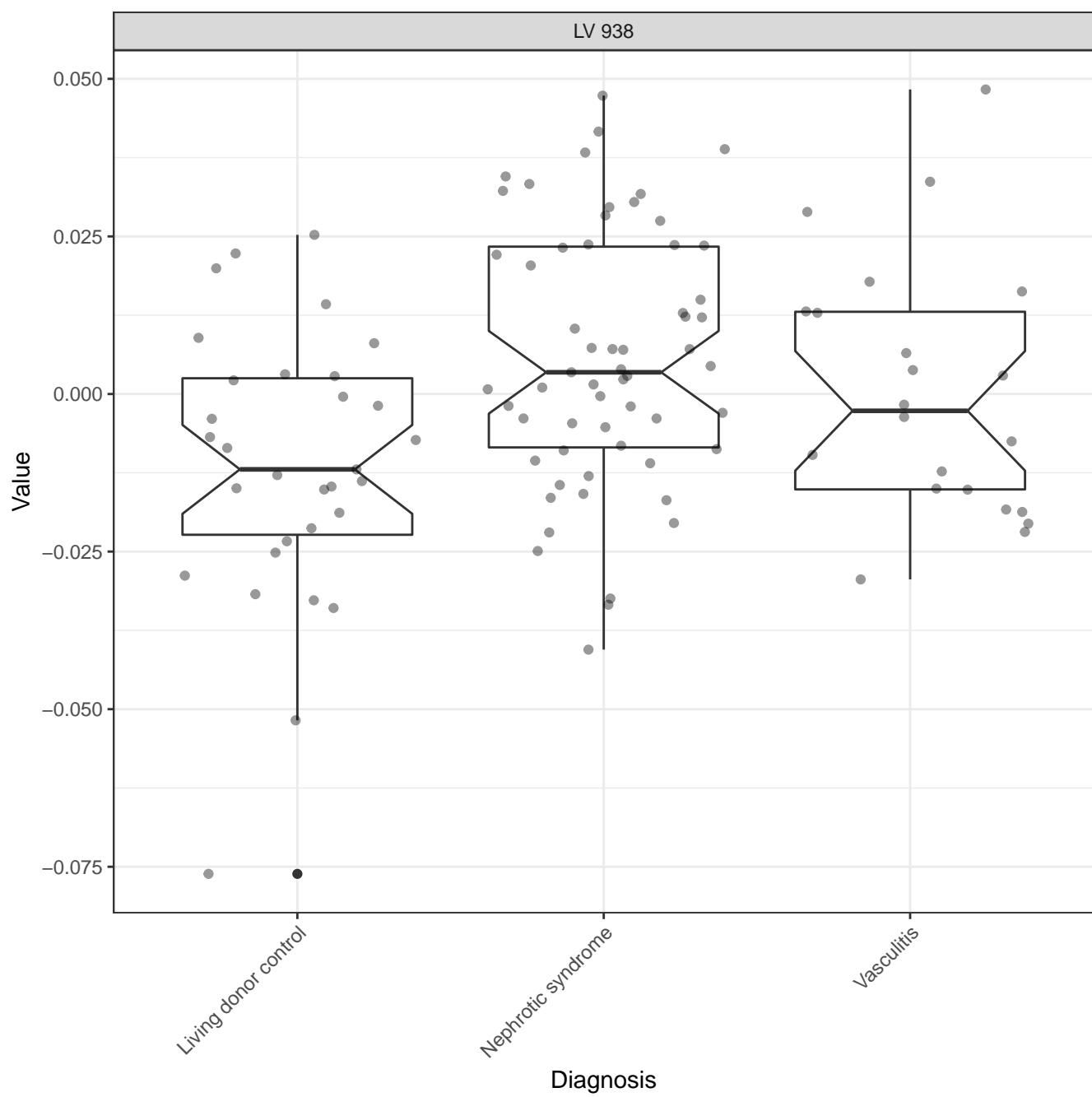
LV 936



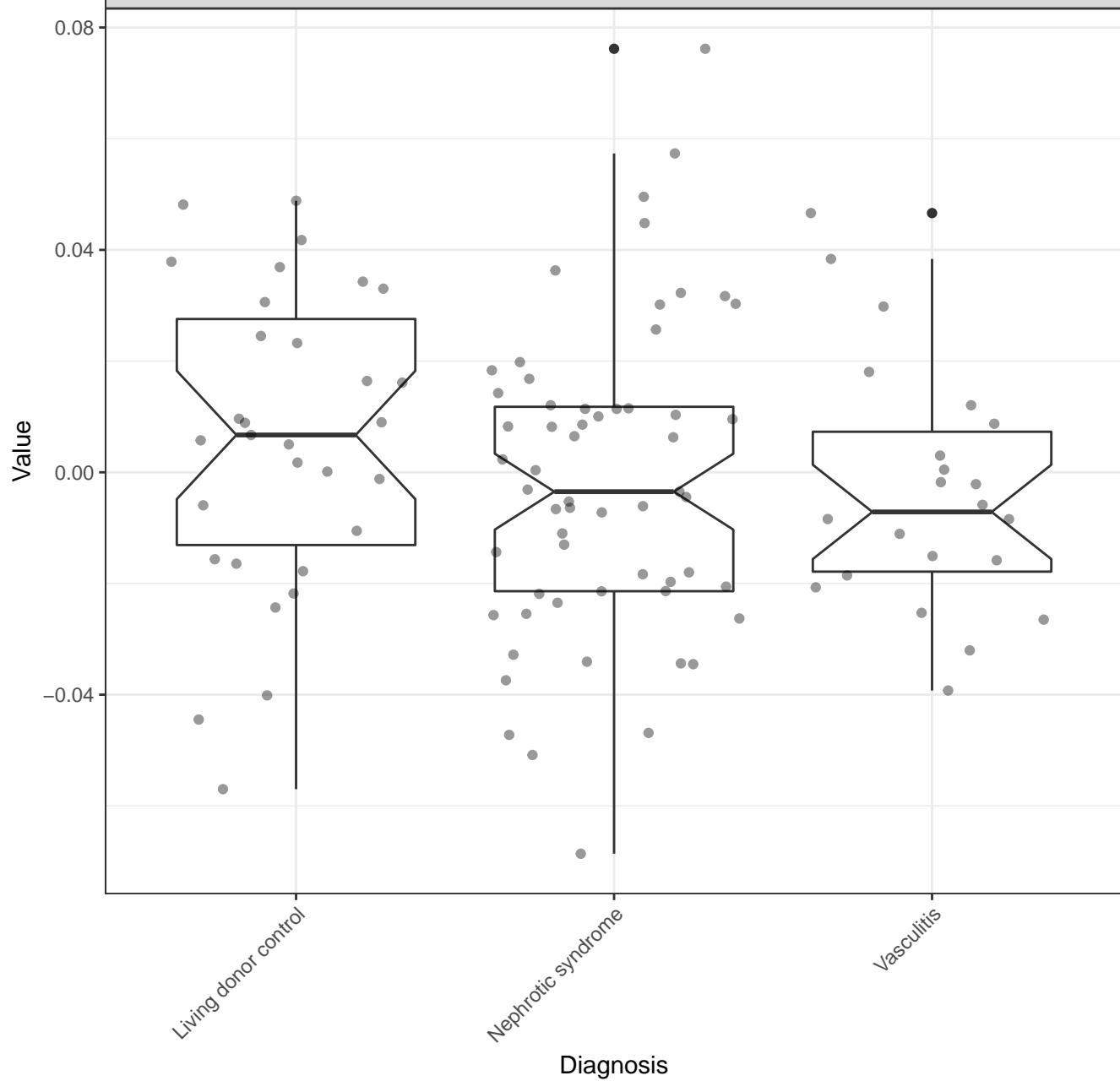
## 937,PID\_HIF1\_TFPATHWAY



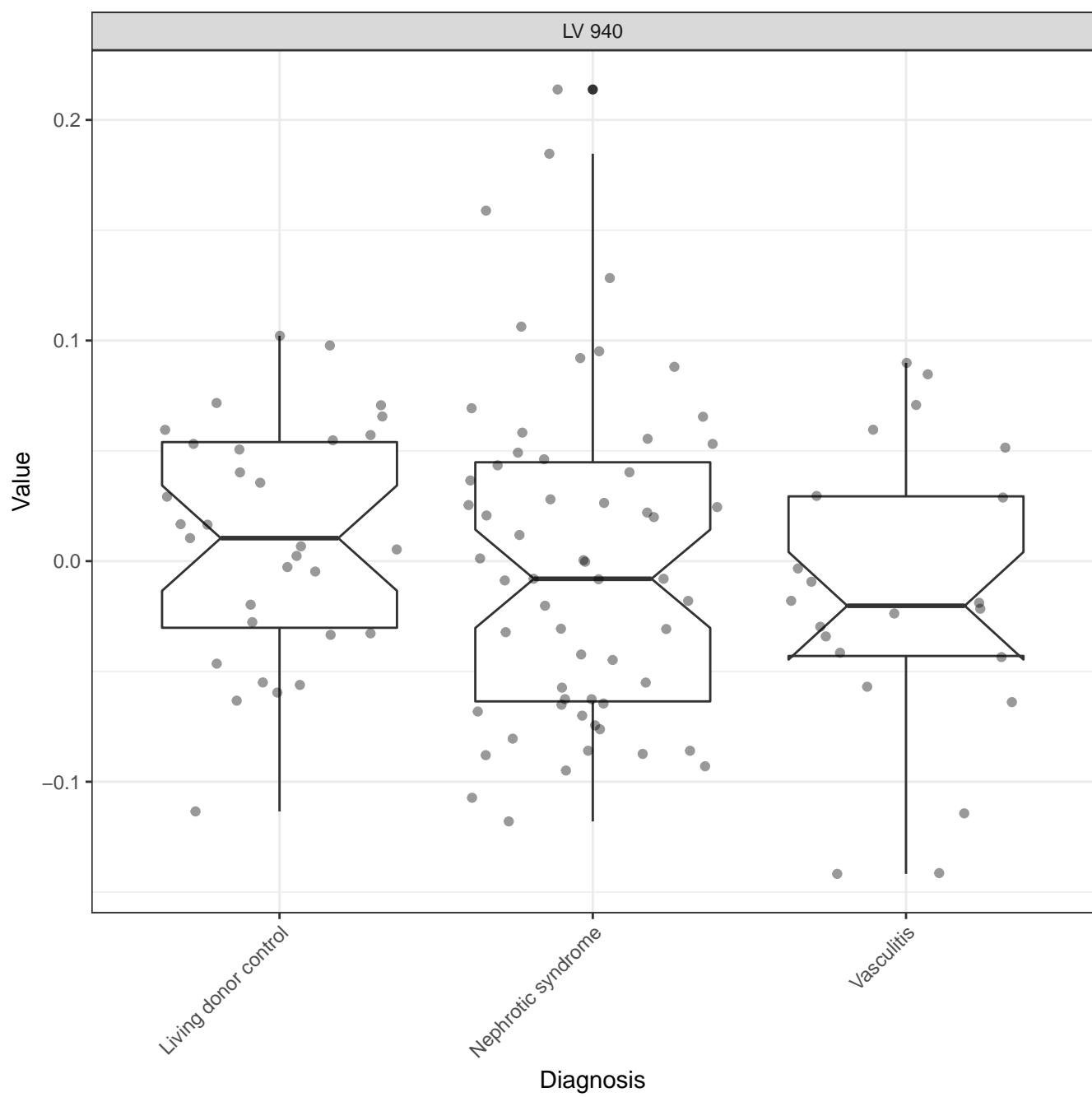
LV 938



LV 939



LV 940



LV 941

Value

0.10

0.05

0.00

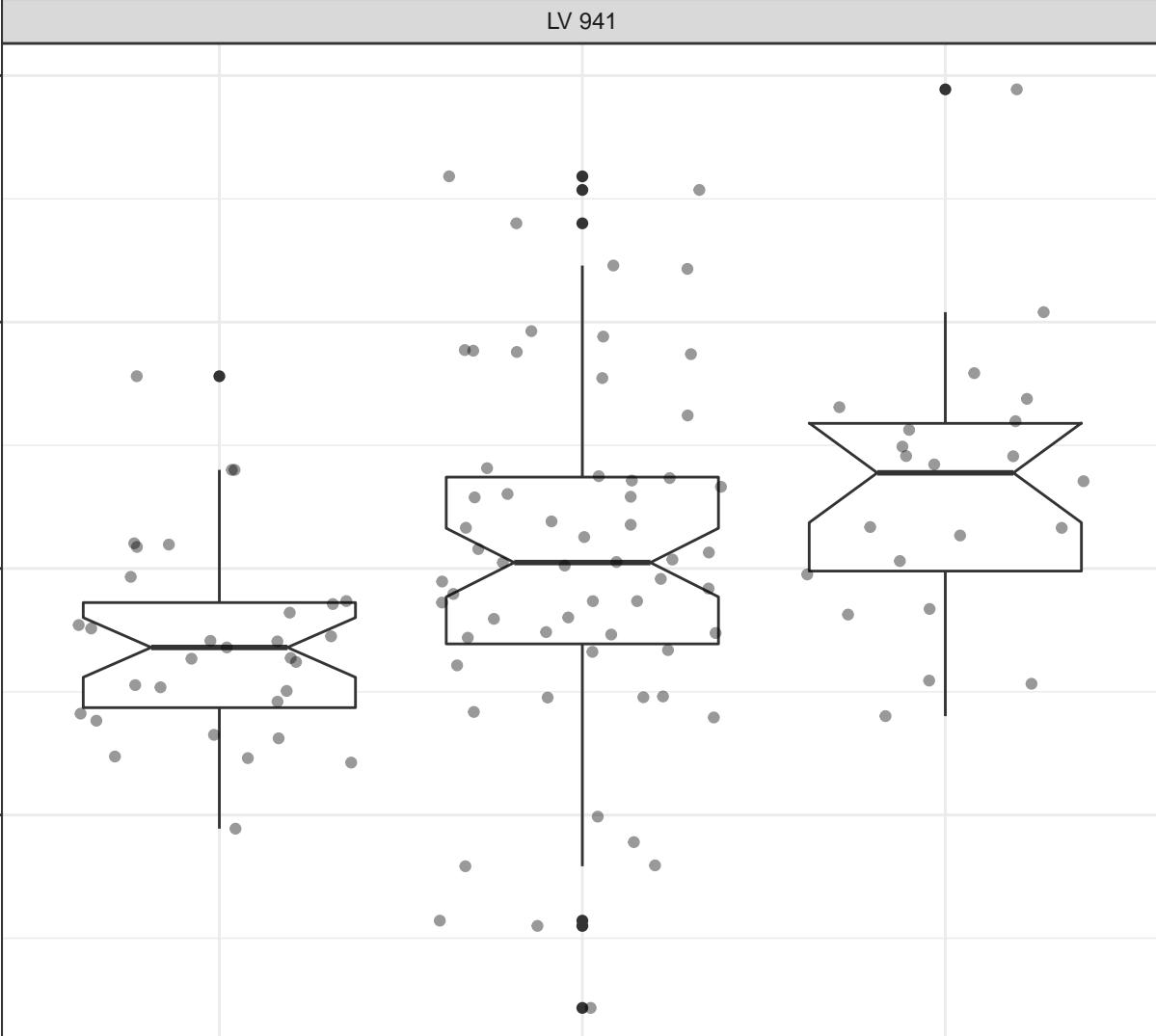
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 942,SVM T cells CD4 memory activated

Value

0.10

0.05

0.00

-0.05

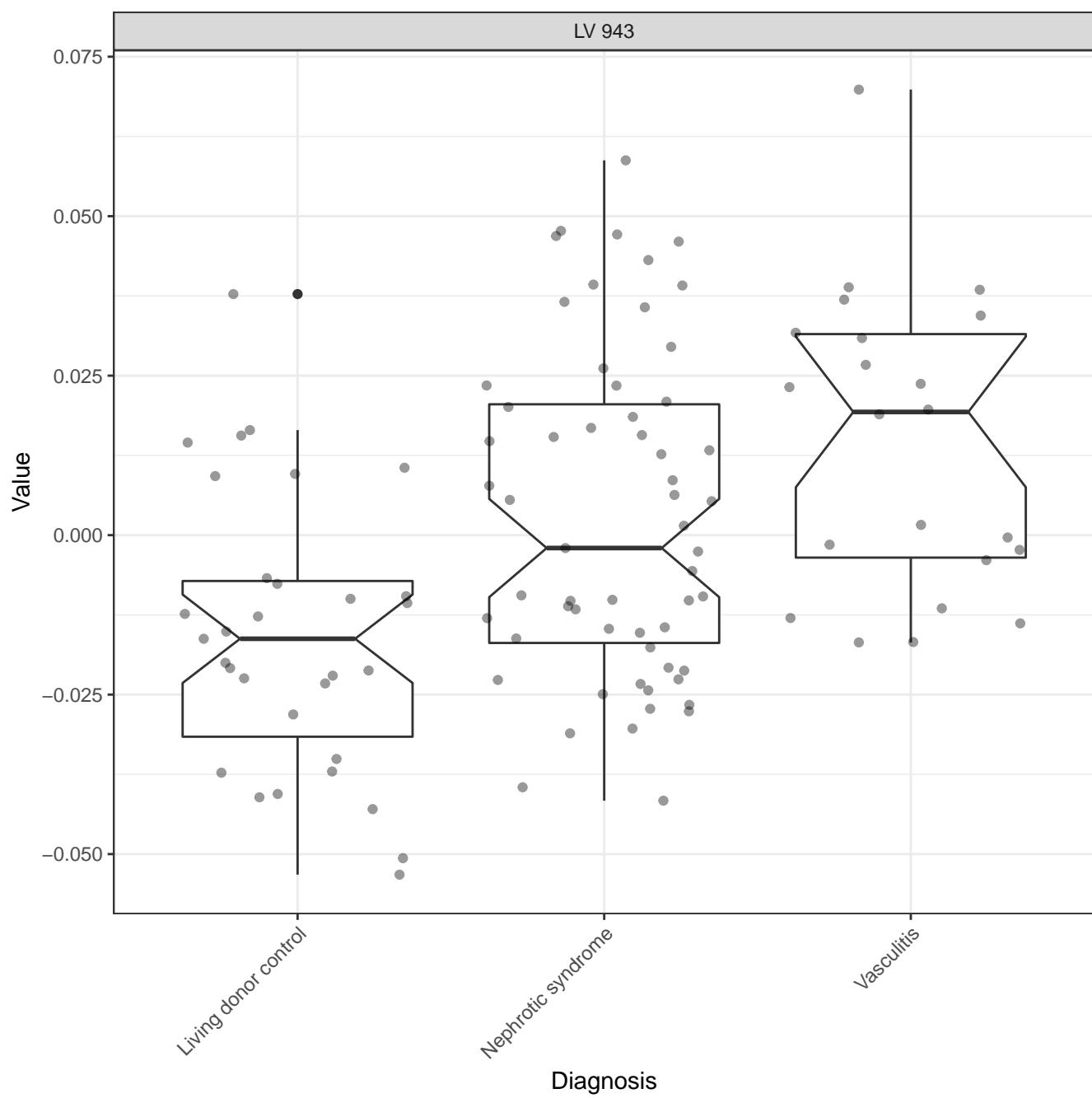
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 943



LV 944

Value

0.05

0.00

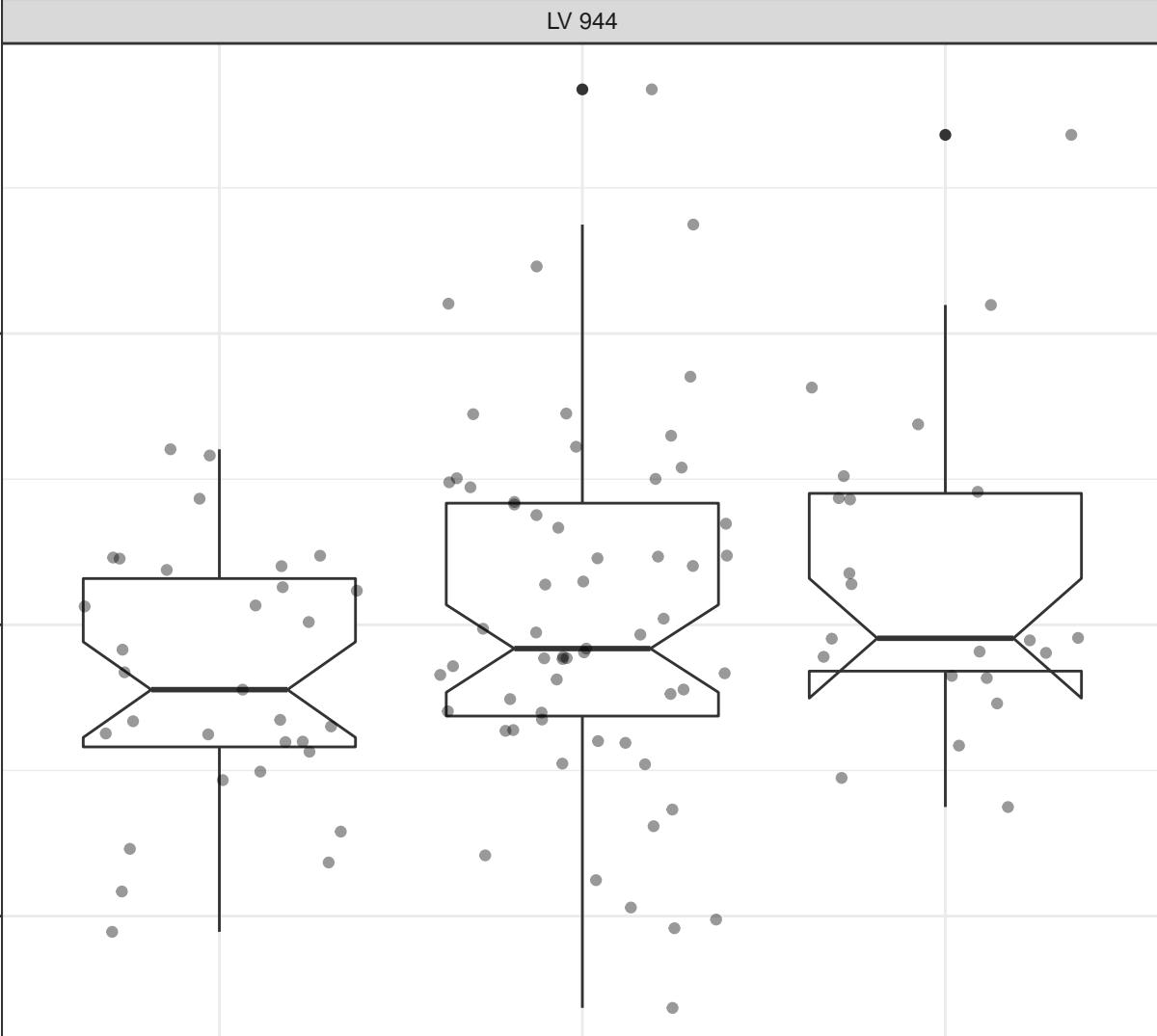
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 945

Value

0.05

0.00

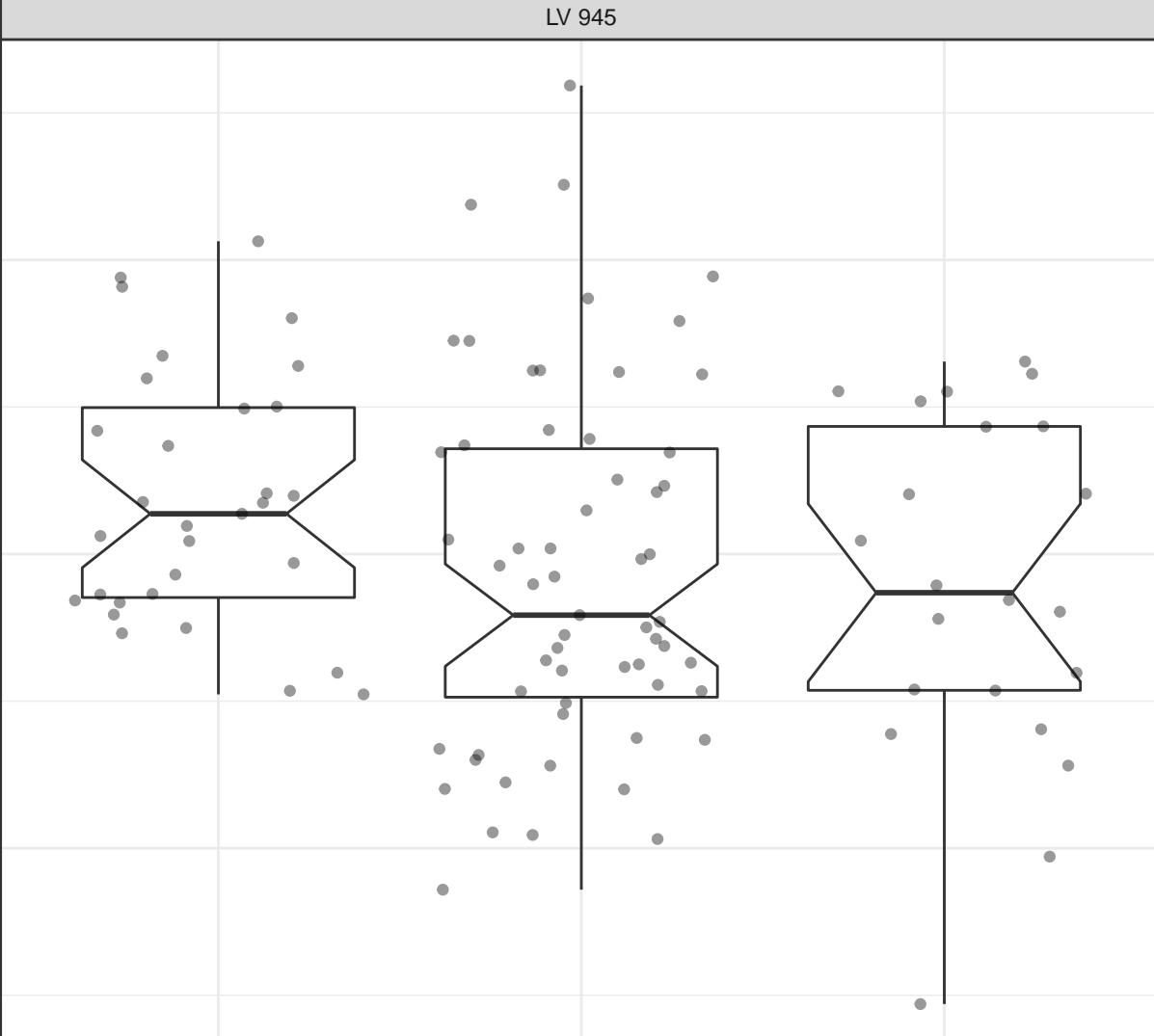
-0.05

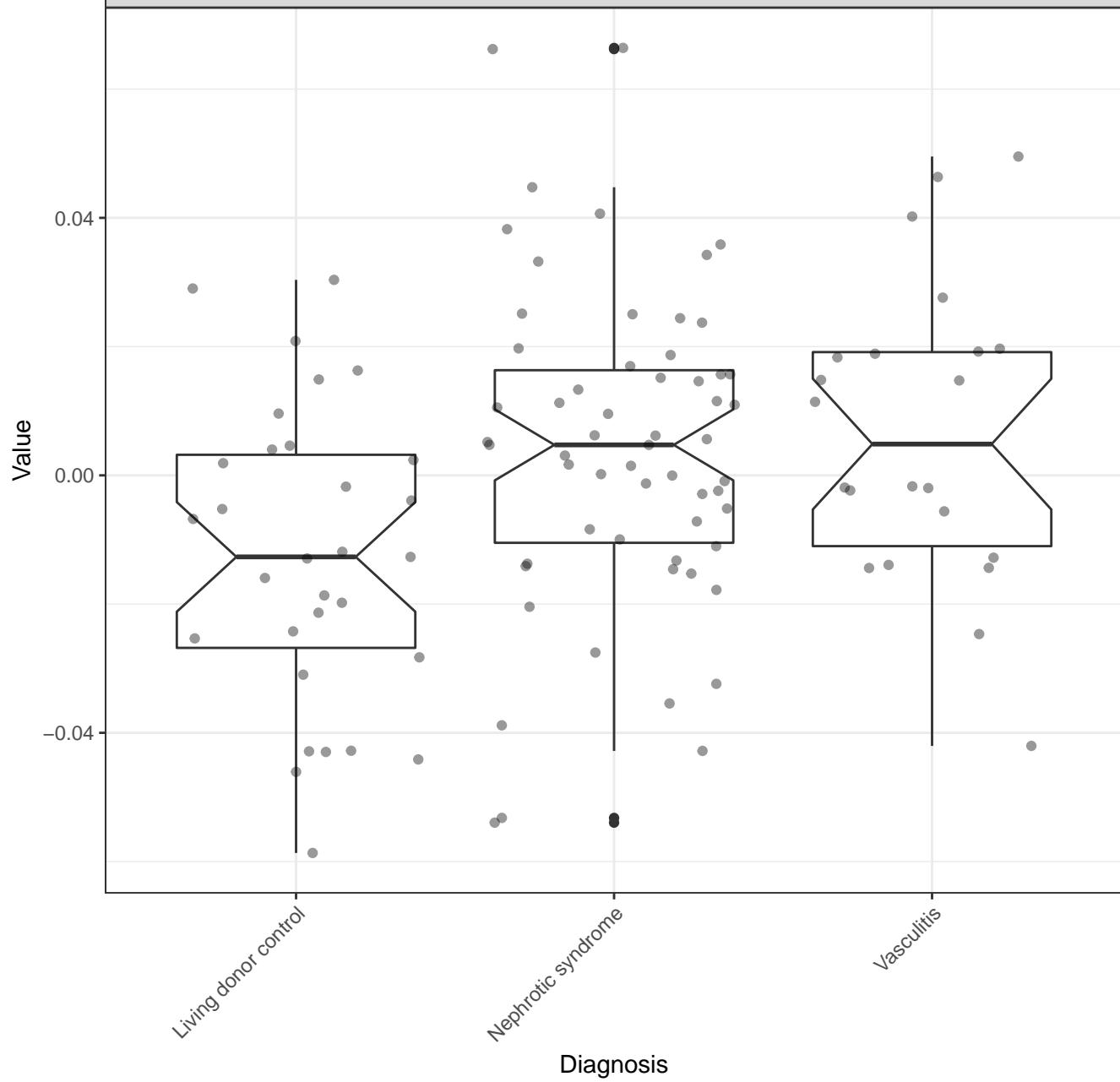
Living donor control

Nephrotic syndrome

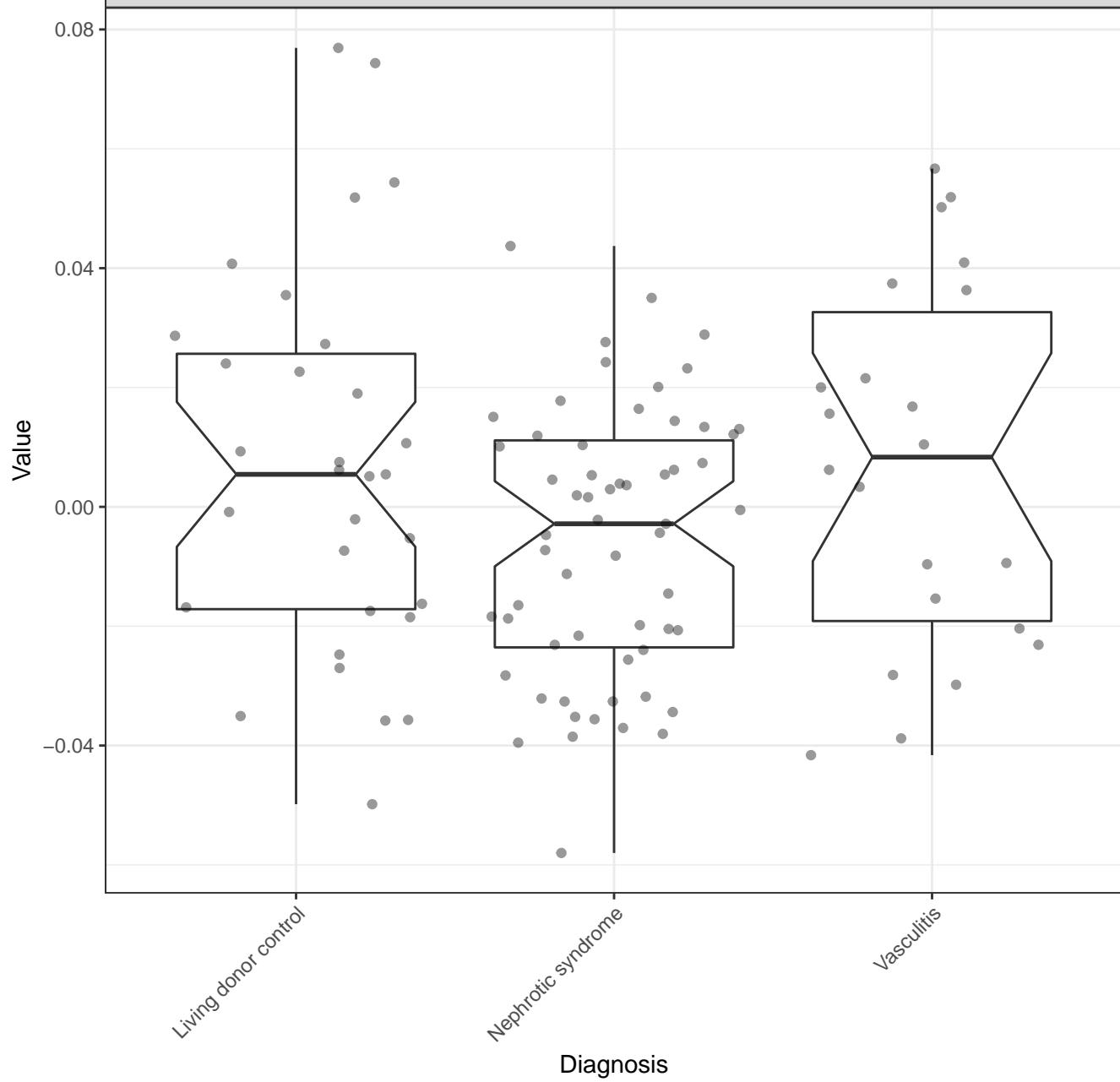
Vasculitis

Diagnosis





LV 947



LV 948

Value

0.08

0.04

0.00

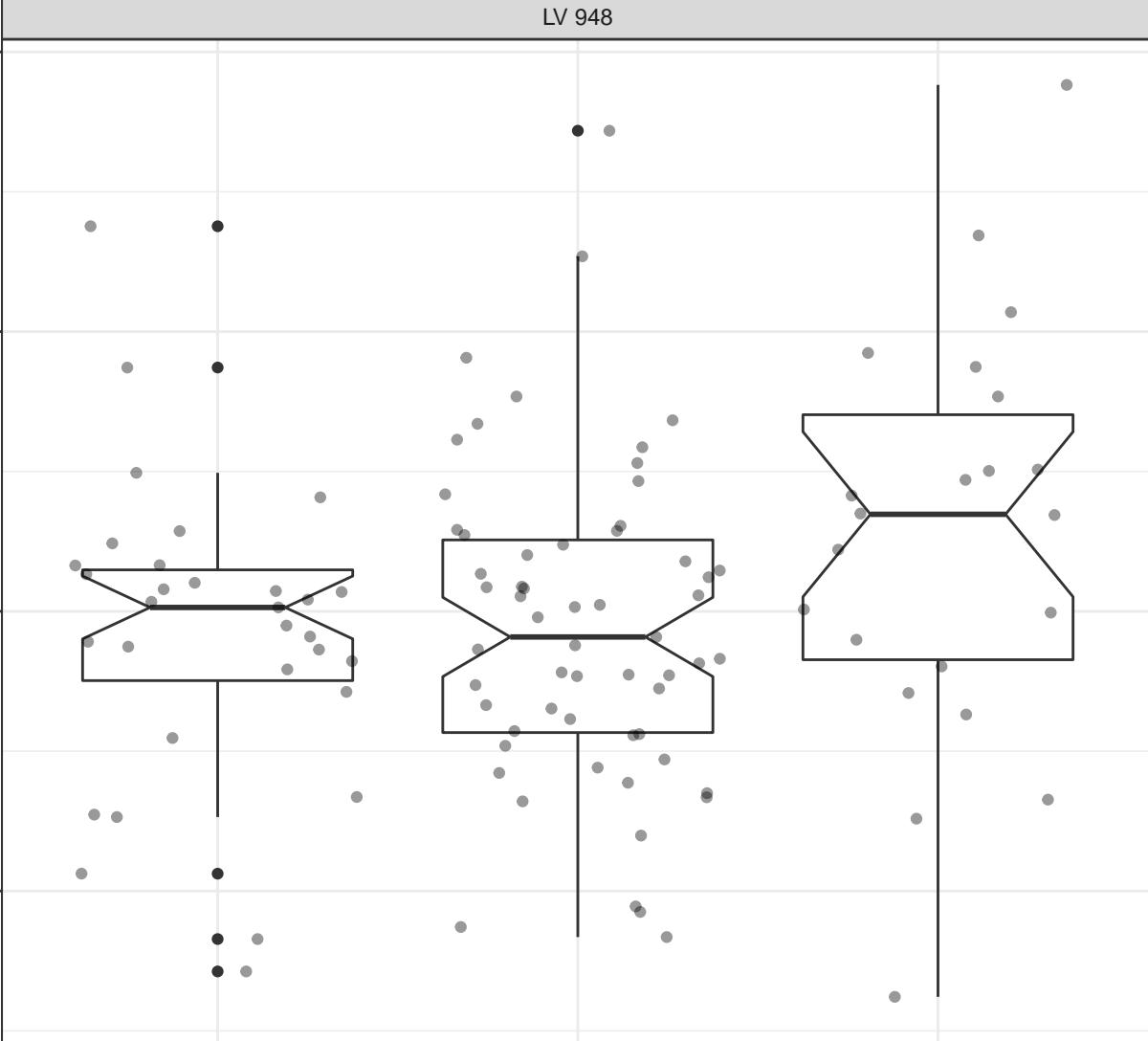
-0.04

Living donor control

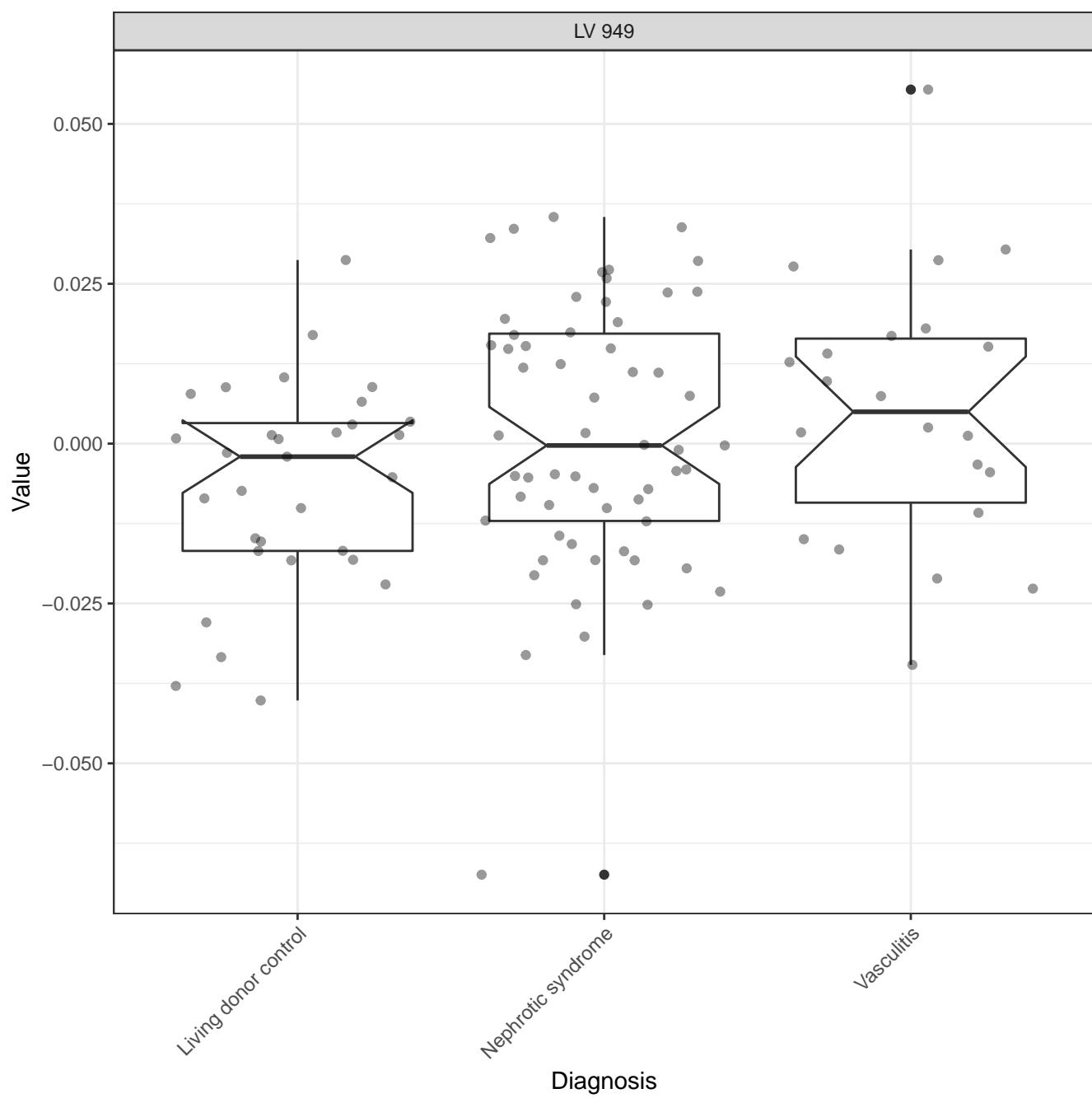
Nephrotic syndrome

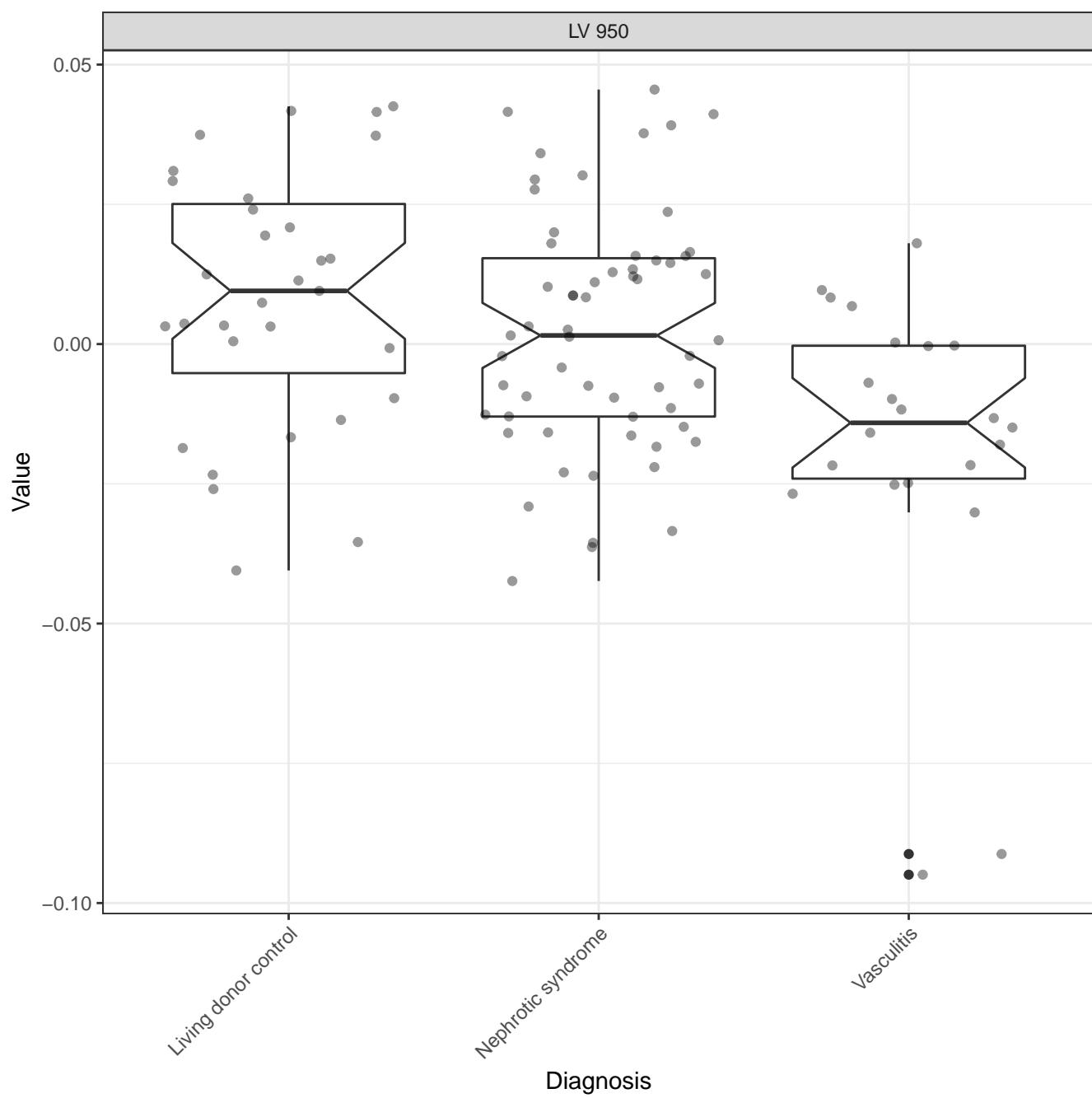
Vasculitis

Diagnosis



LV 949





## 951,SVM Plasma cells

Value

0.3

0.2

0.1

0.0

-0.1

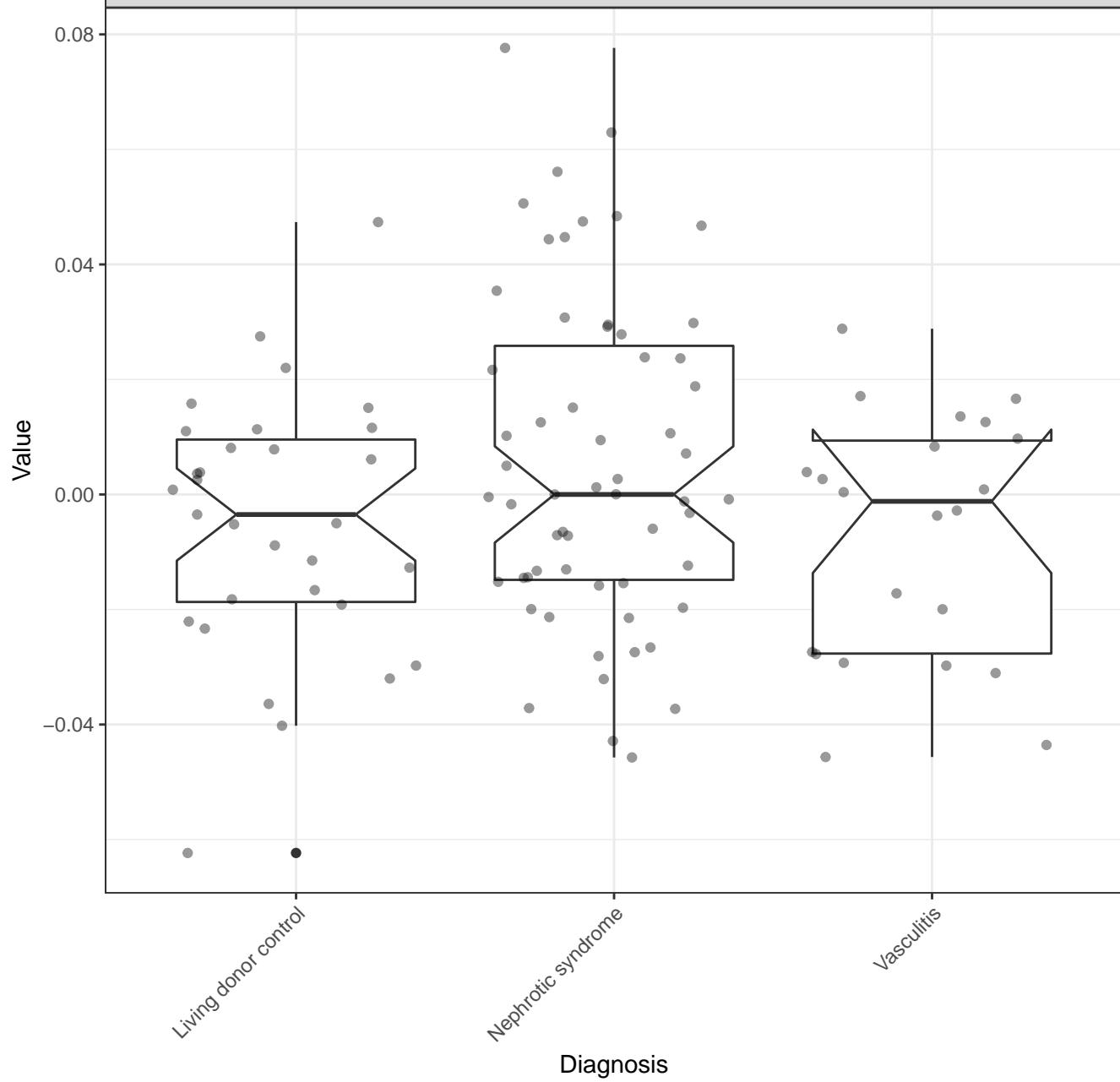
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 952



Value

0.2

0.1

0.0

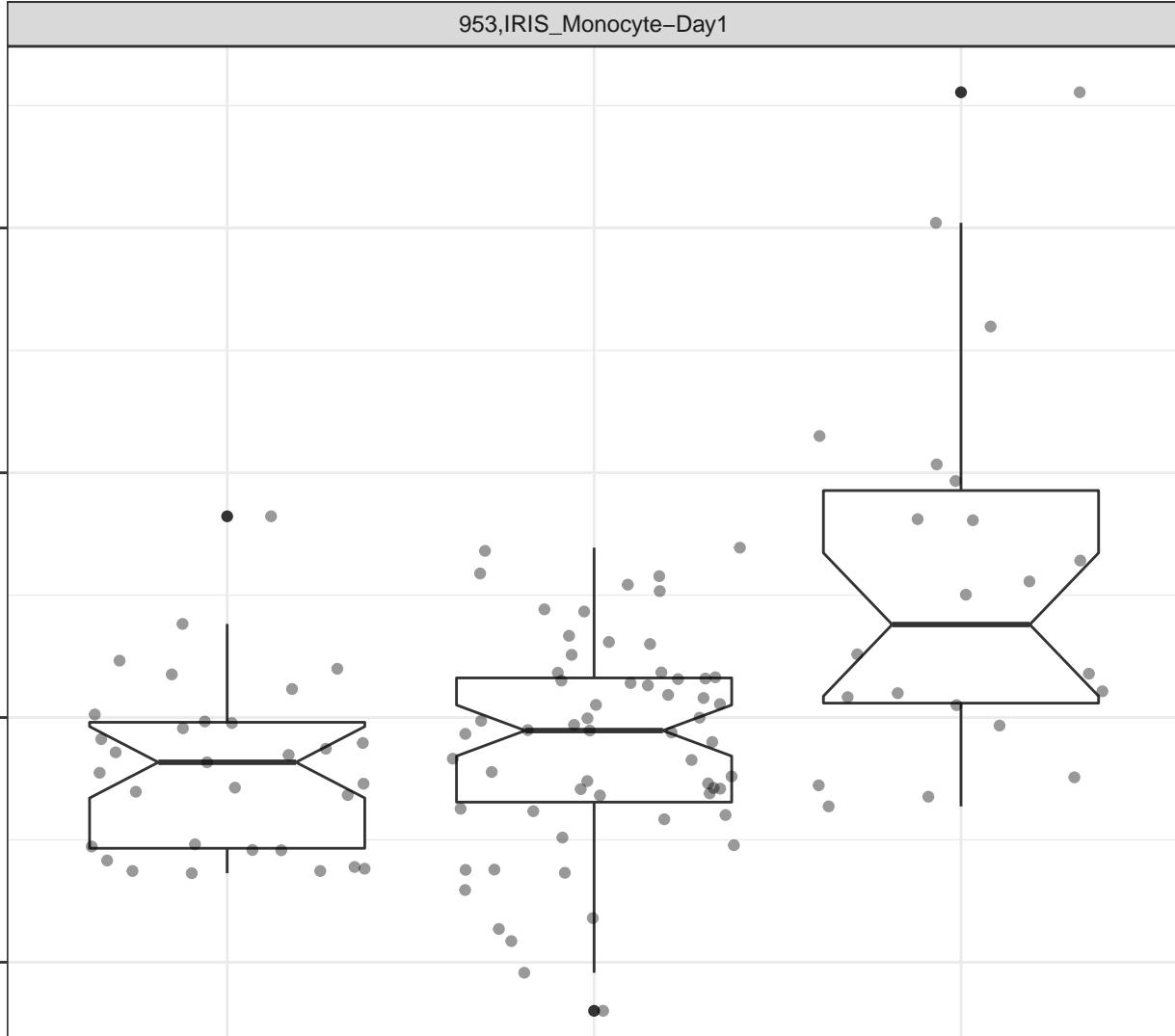
-0.1

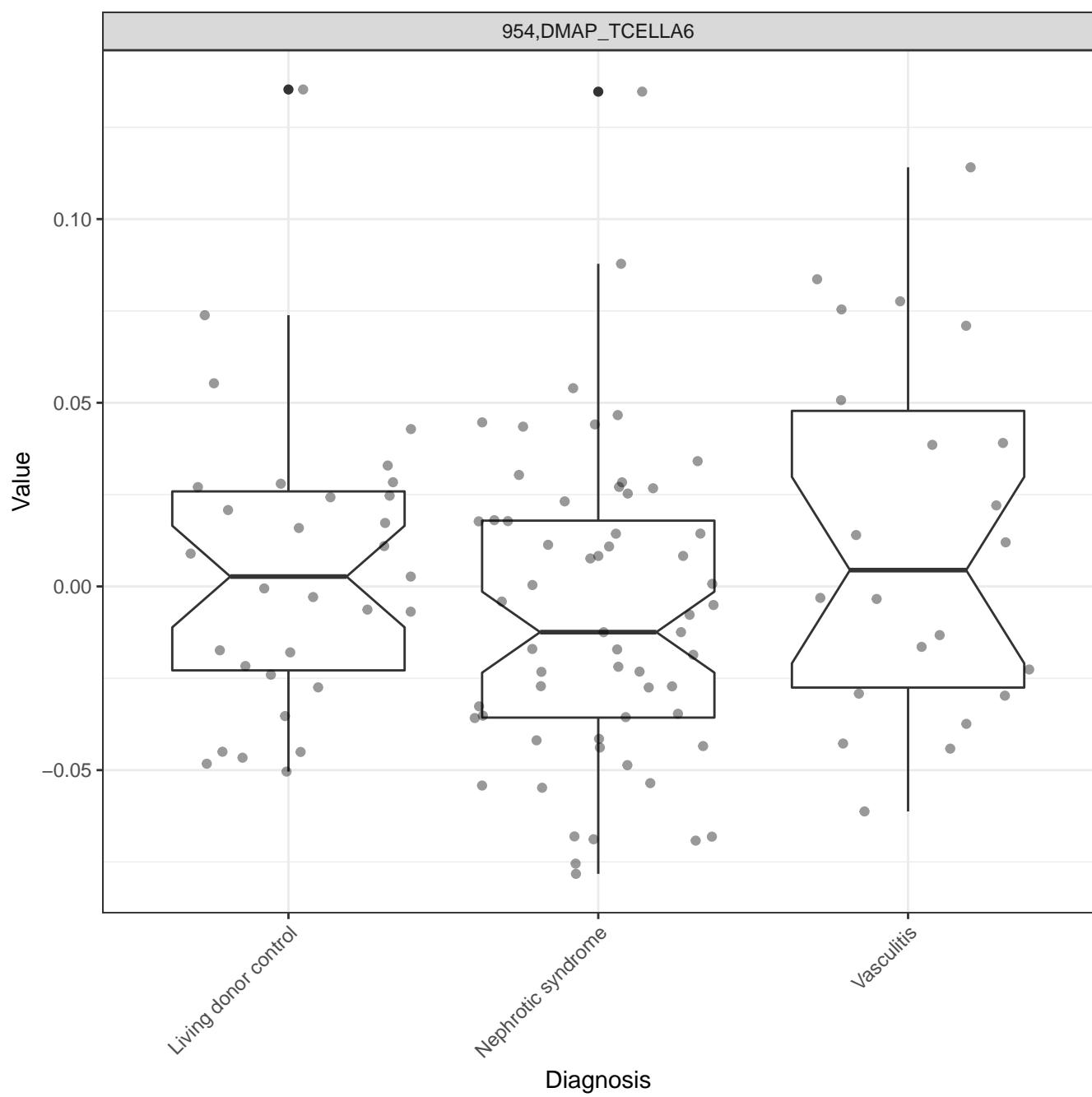
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.1

0.0

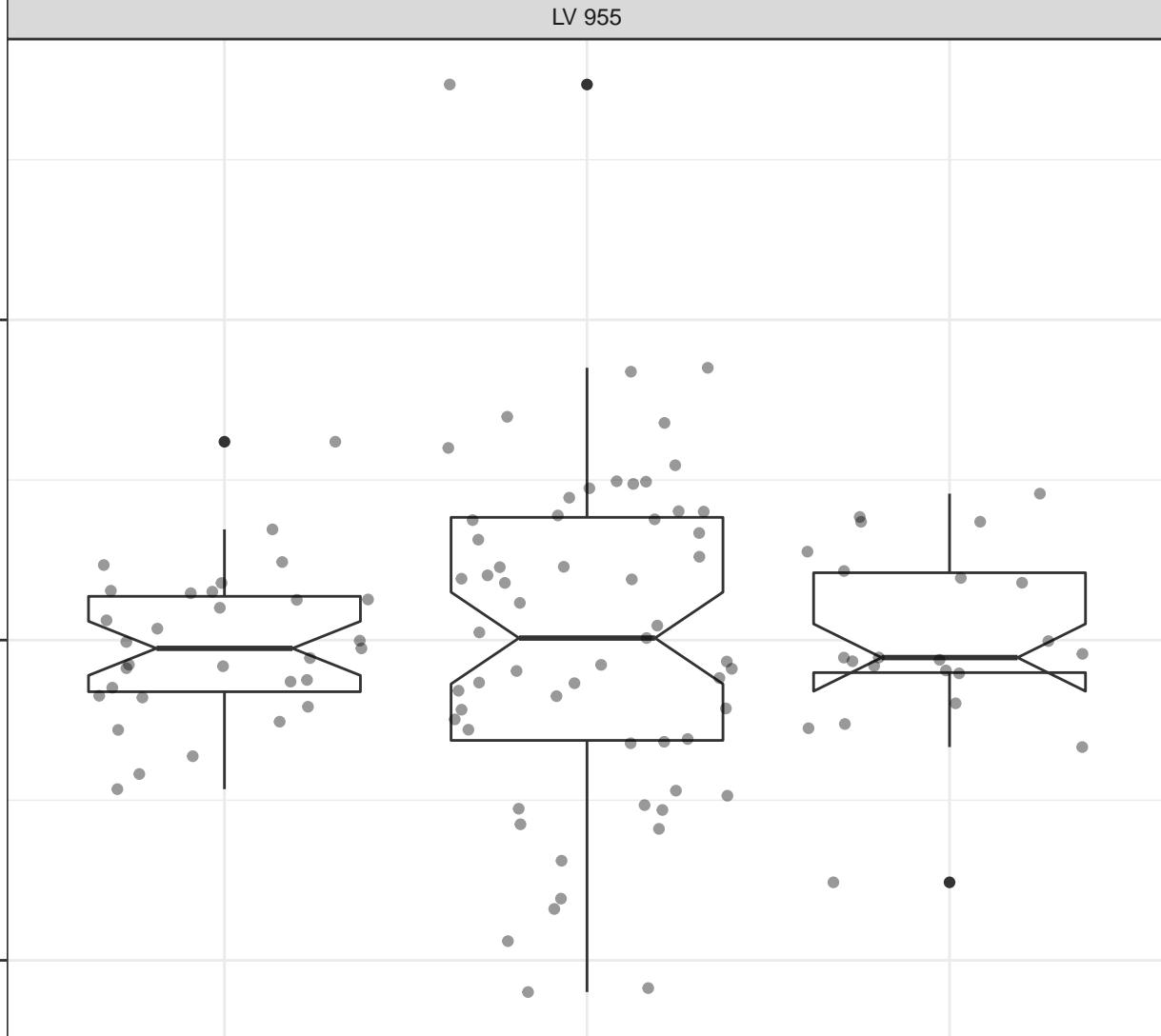
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 956

Value

0.05

0.00

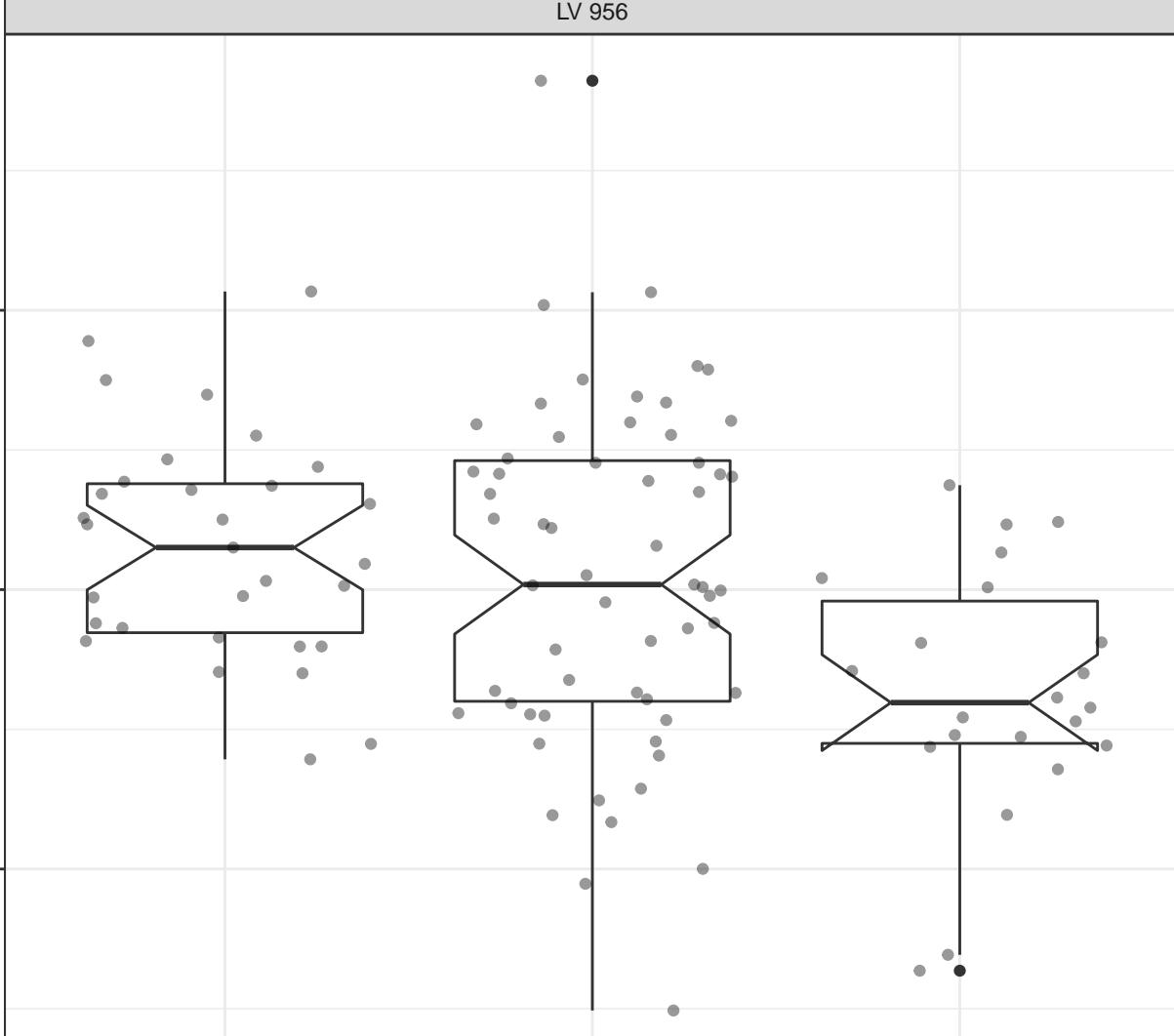
-0.05

Living donor control

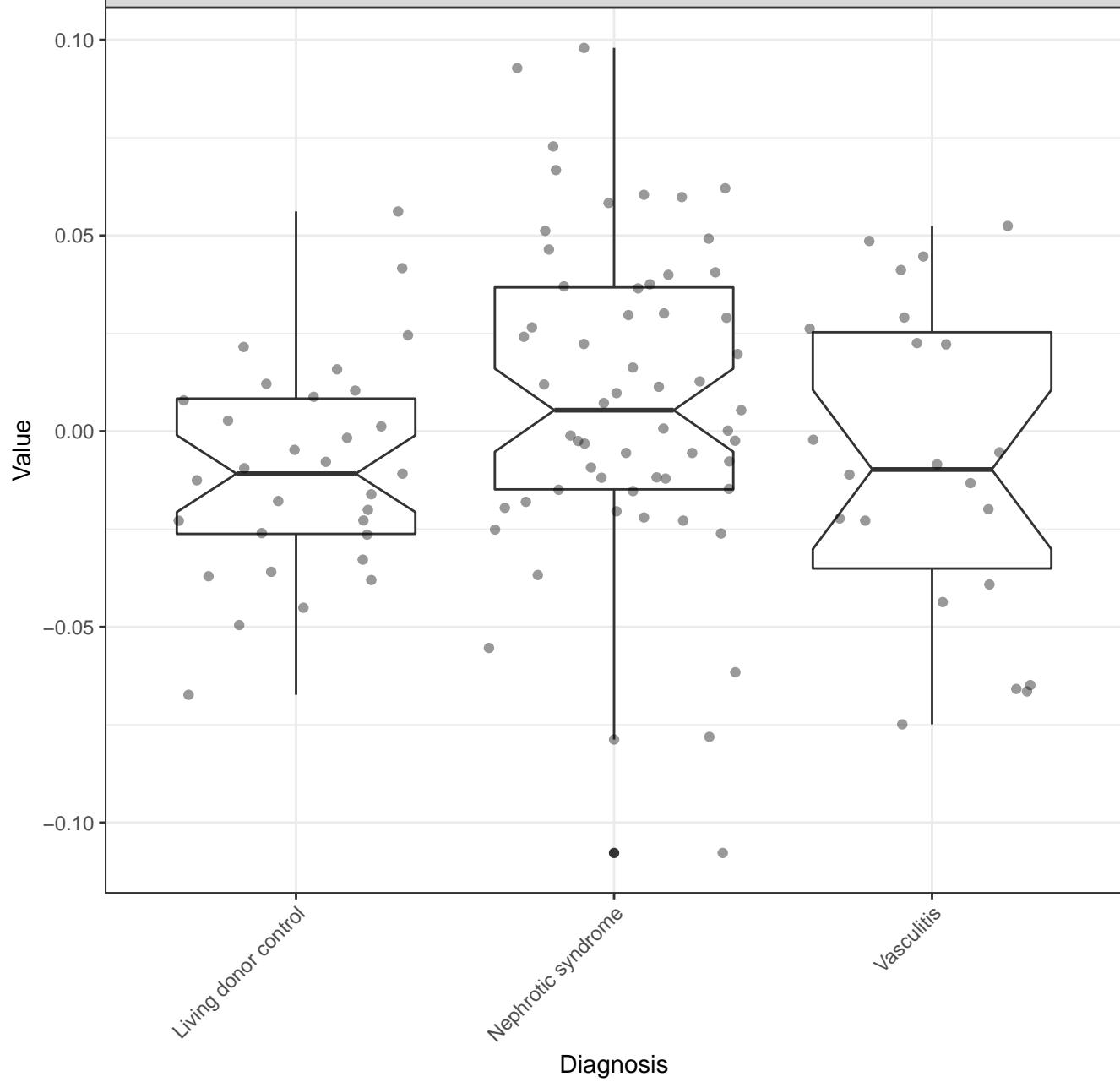
Nephrotic syndrome

Vasculitis

Diagnosis



LV 957



LV 958

Value

0.2

0.1

0.0

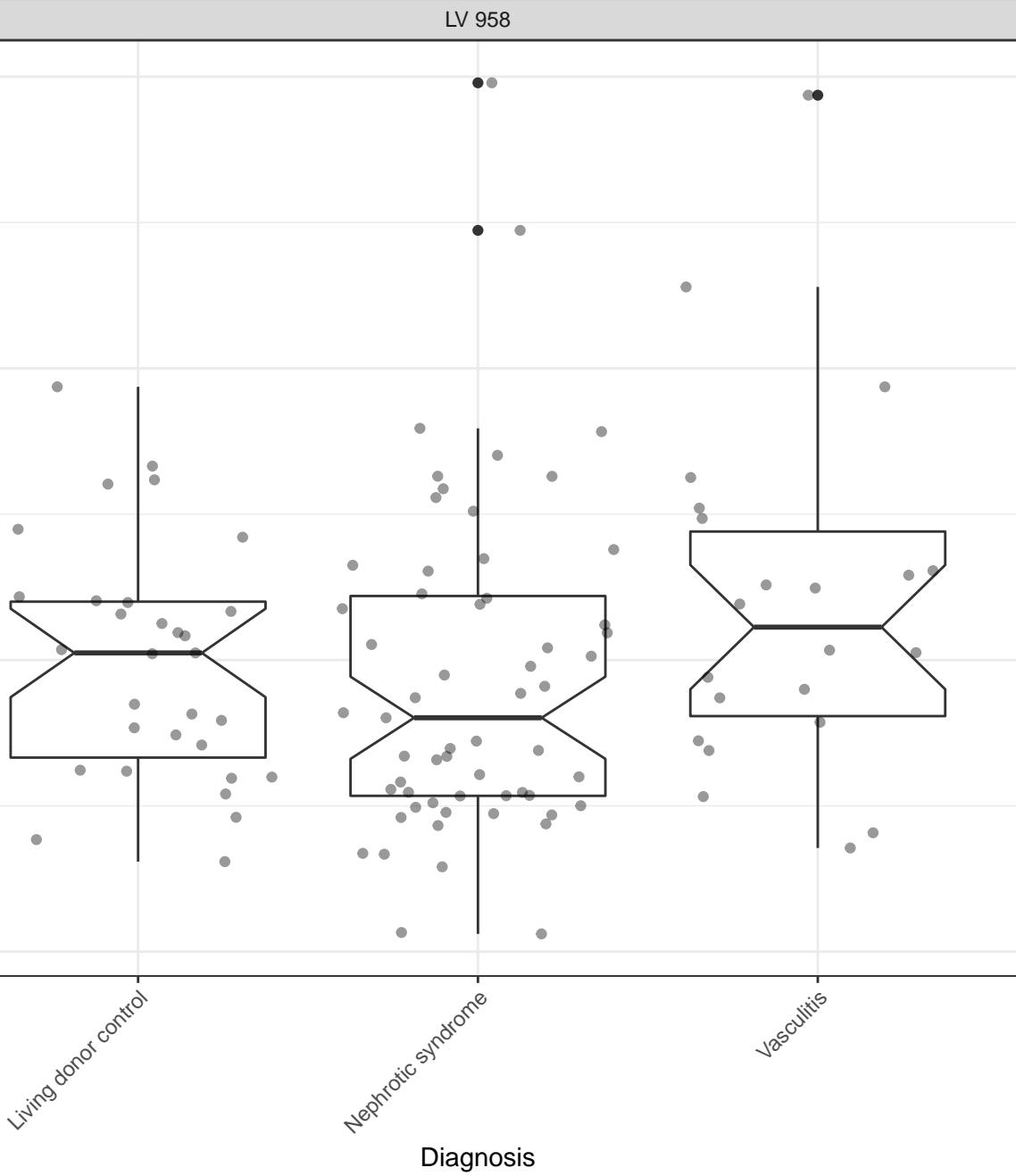
-0.1

Living donor control

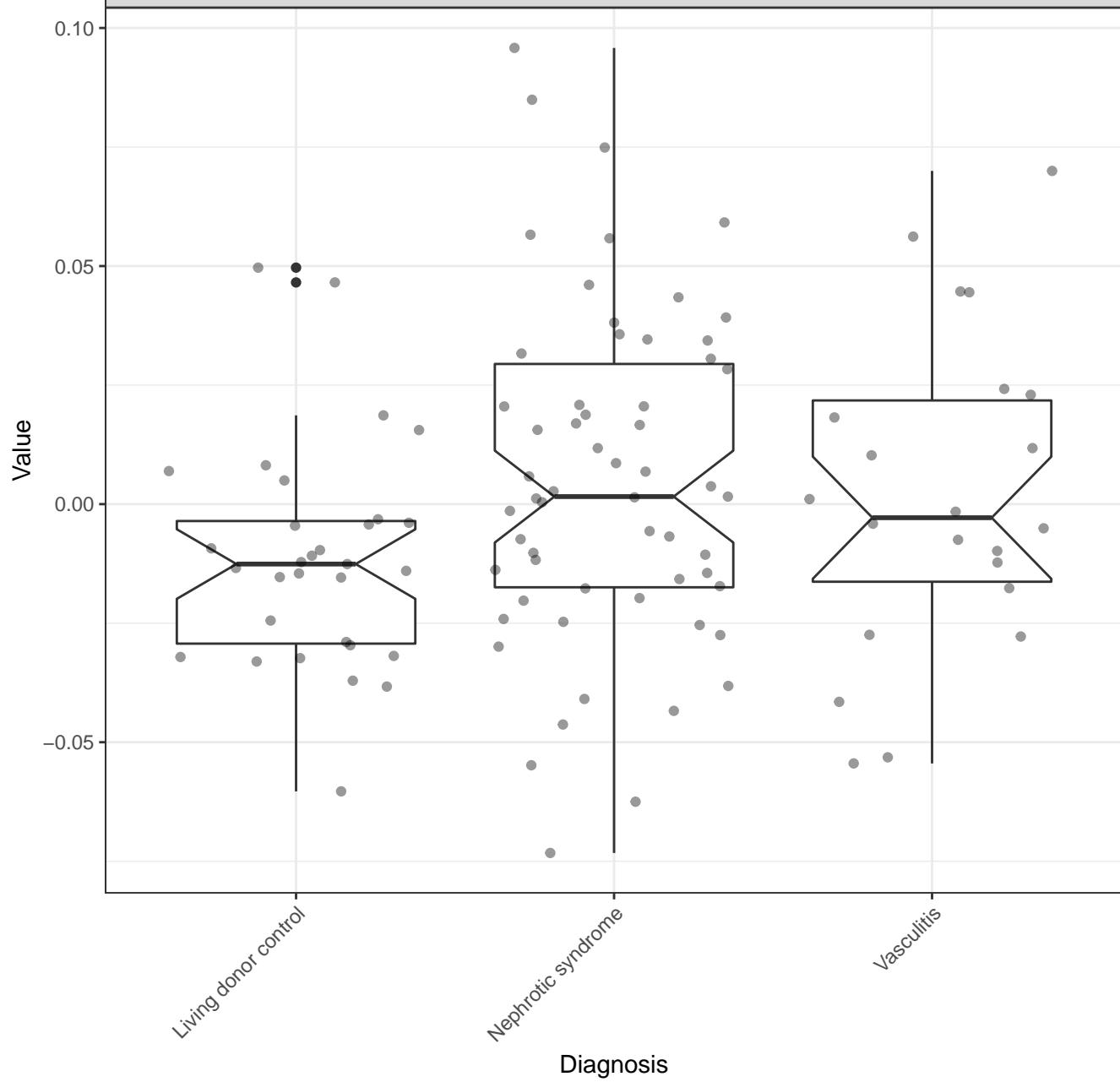
Nephrotic syndrome

Vasculitis

Diagnosis



LV 959



Value

0.05

0.00

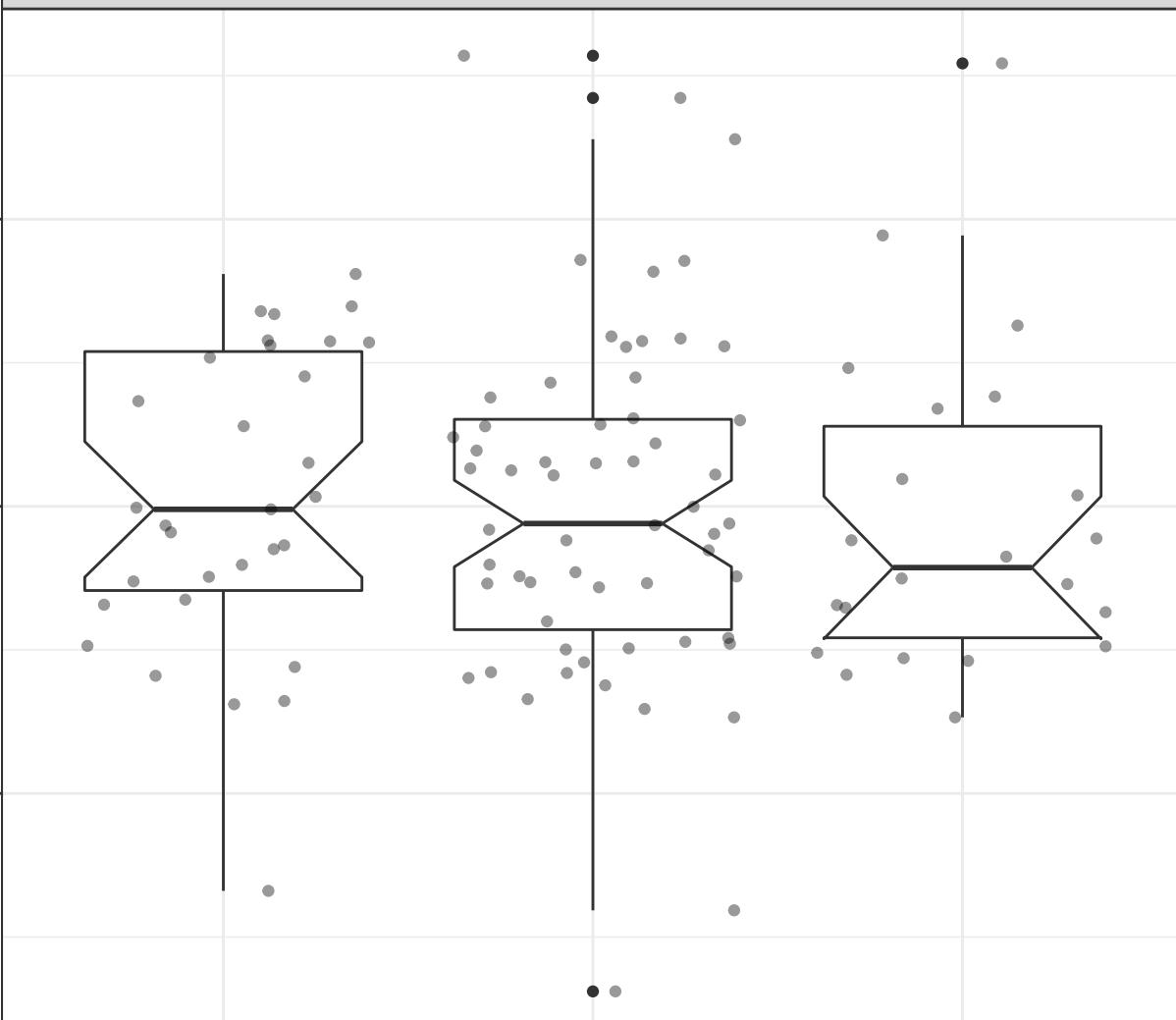
-0.05

Living donor control

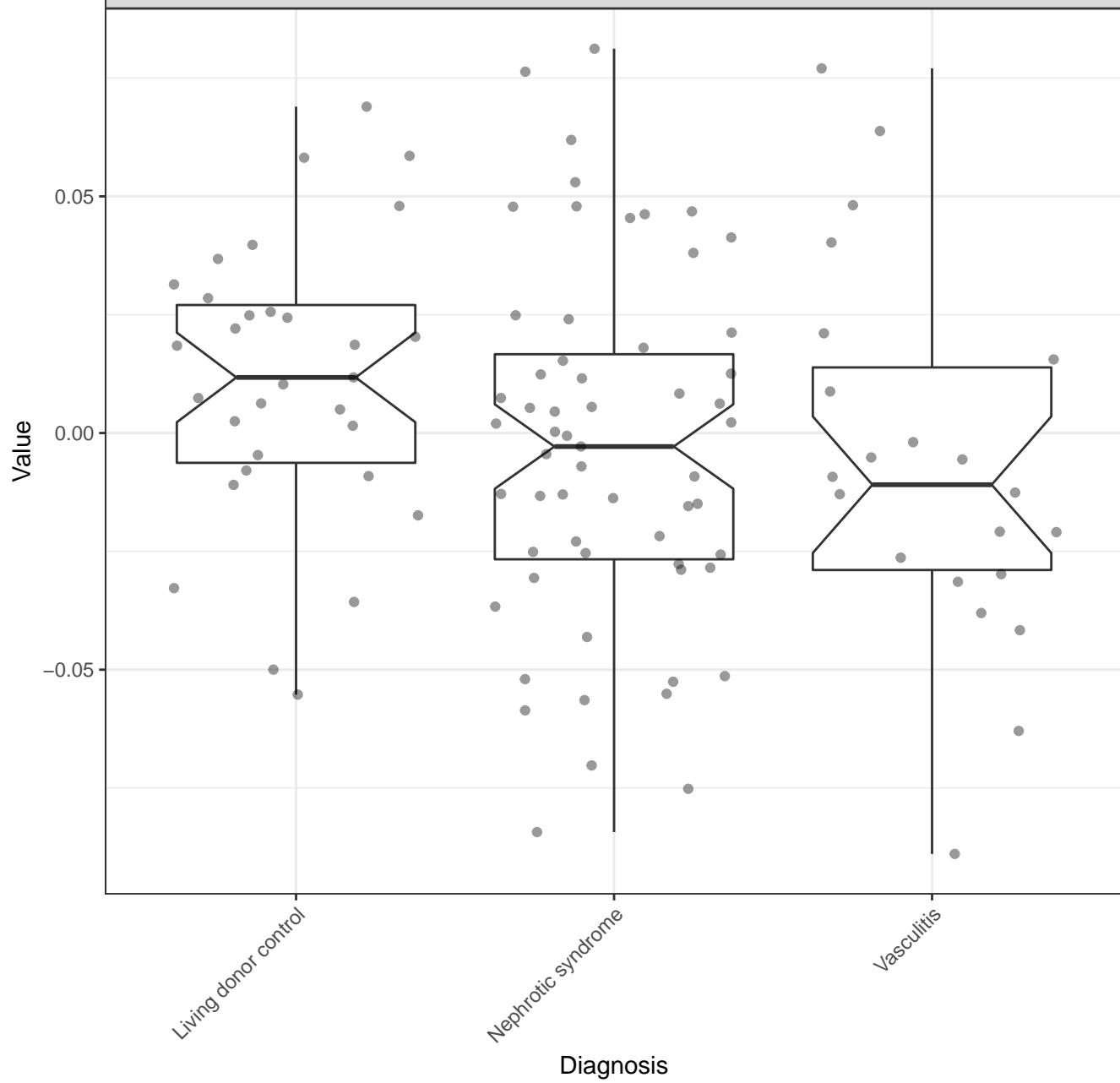
Nephrotic syndrome

Vasculitis

Diagnosis



LV 961



LV 962

Value

0.10

0.05

0.00

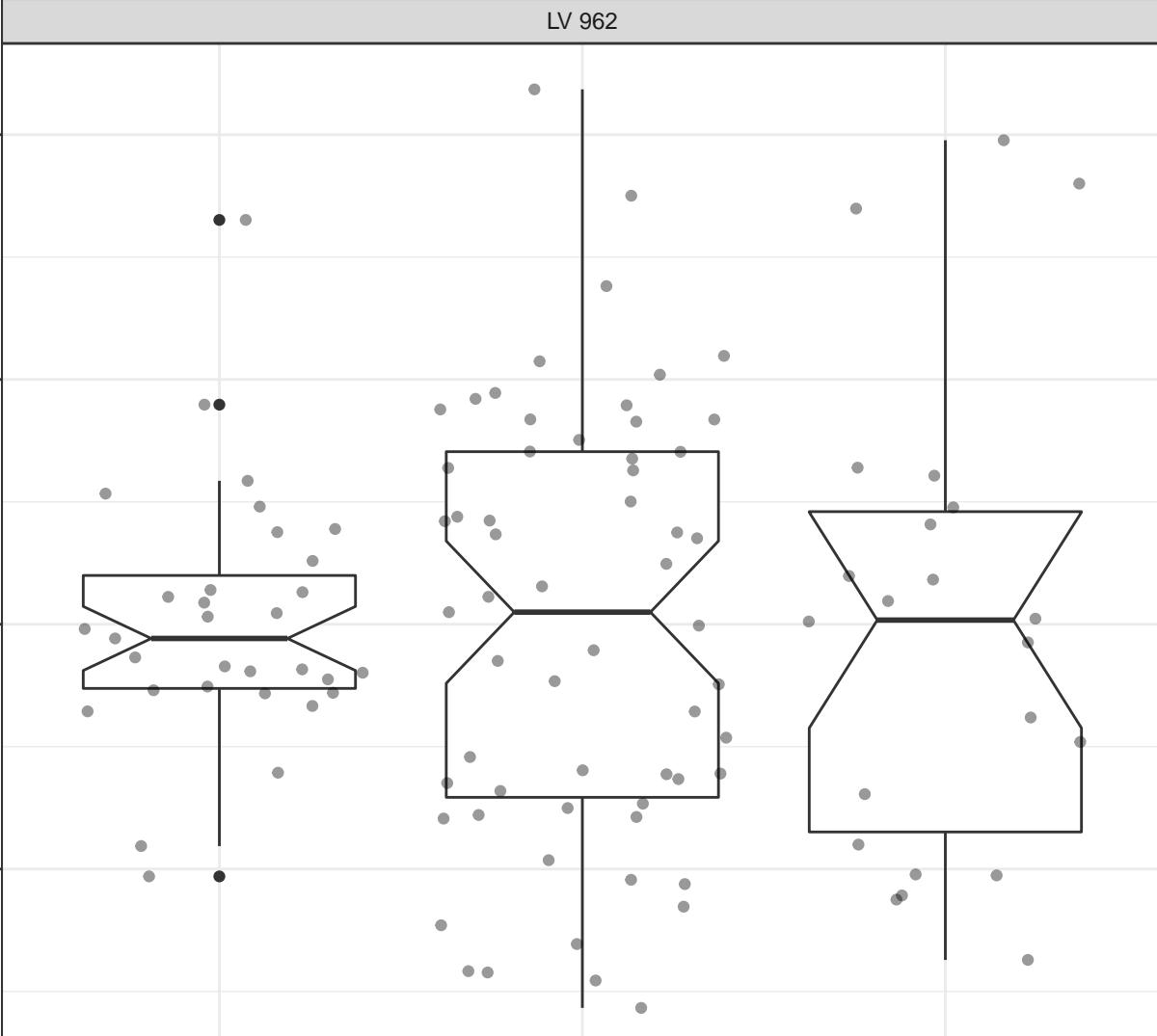
-0.05

Living donor control

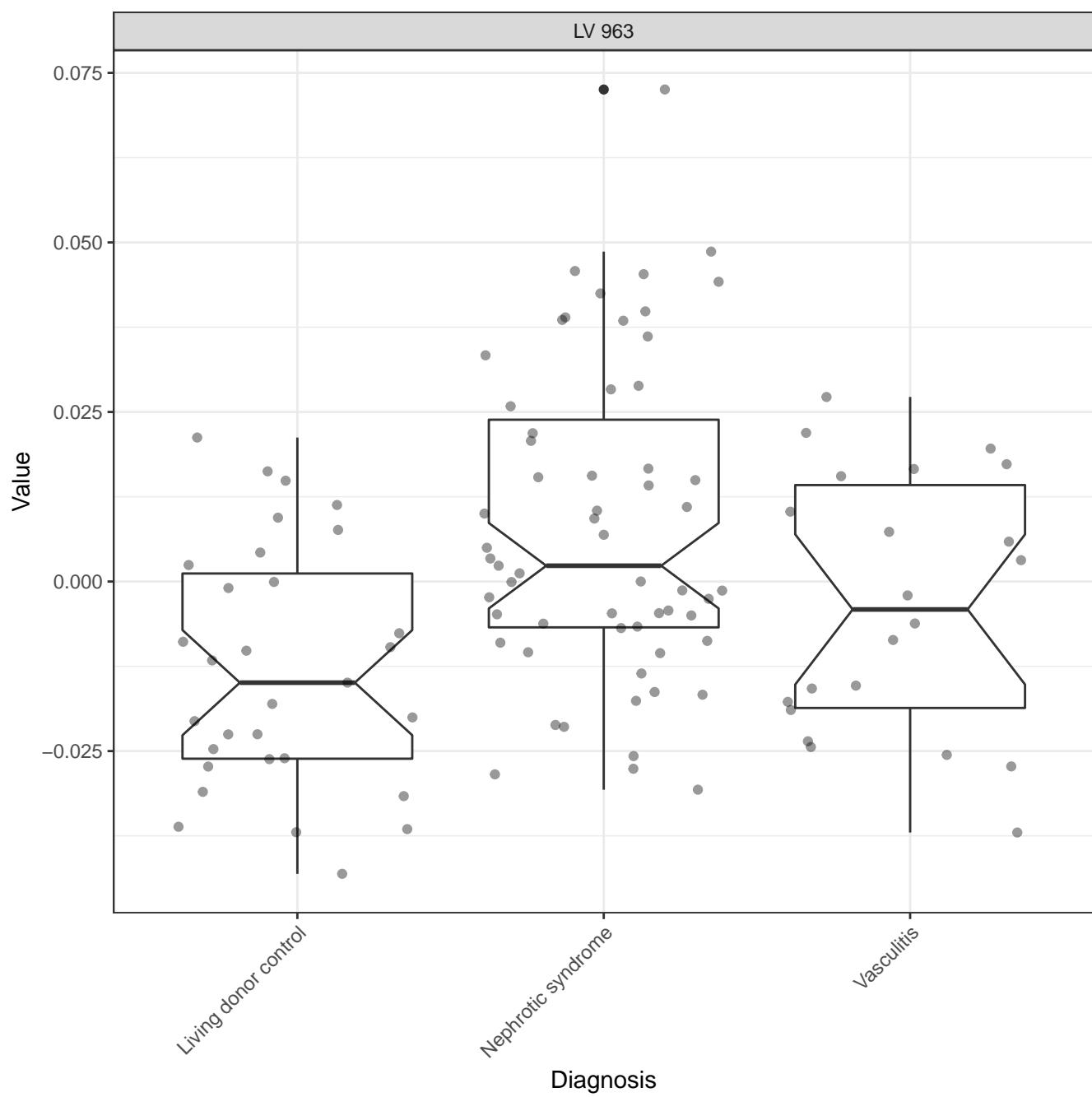
Nephrotic syndrome

Vasculitis

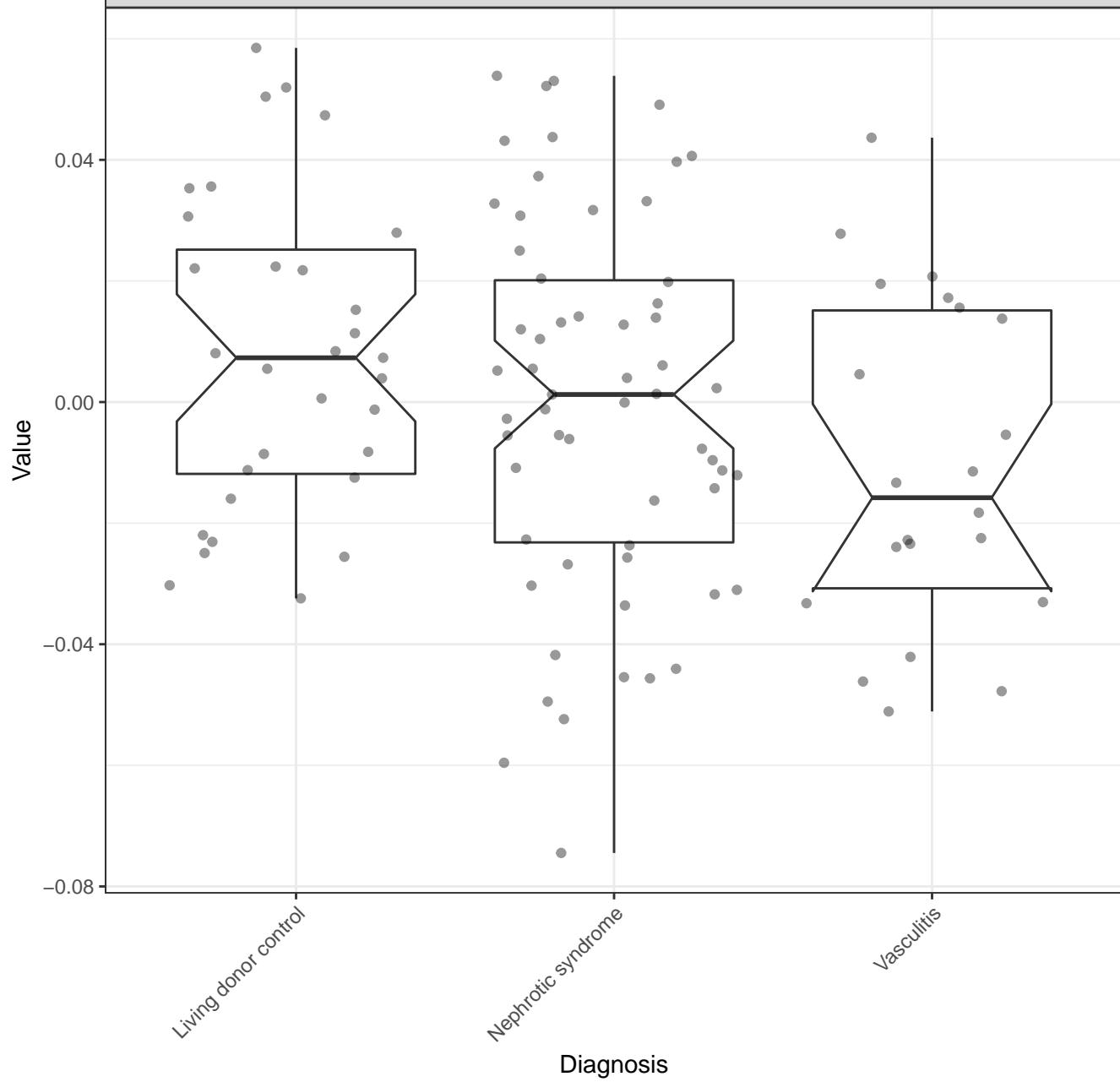
Diagnosis



LV 963



## 964,SVM T cells CD8



LV 965

Value

0.08

0.04

0.00

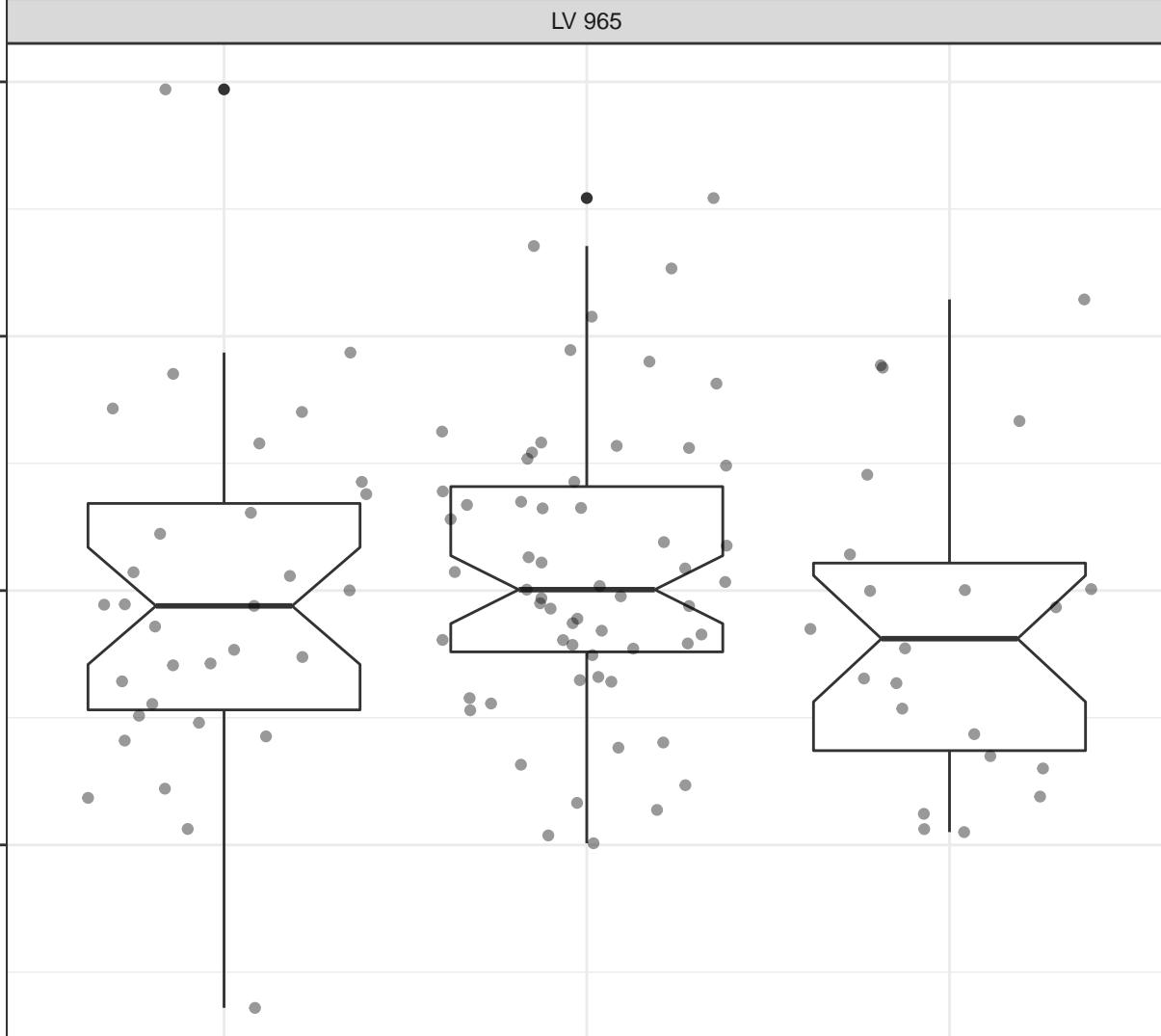
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 966

Value

0.10

0.05

0.00

-0.05

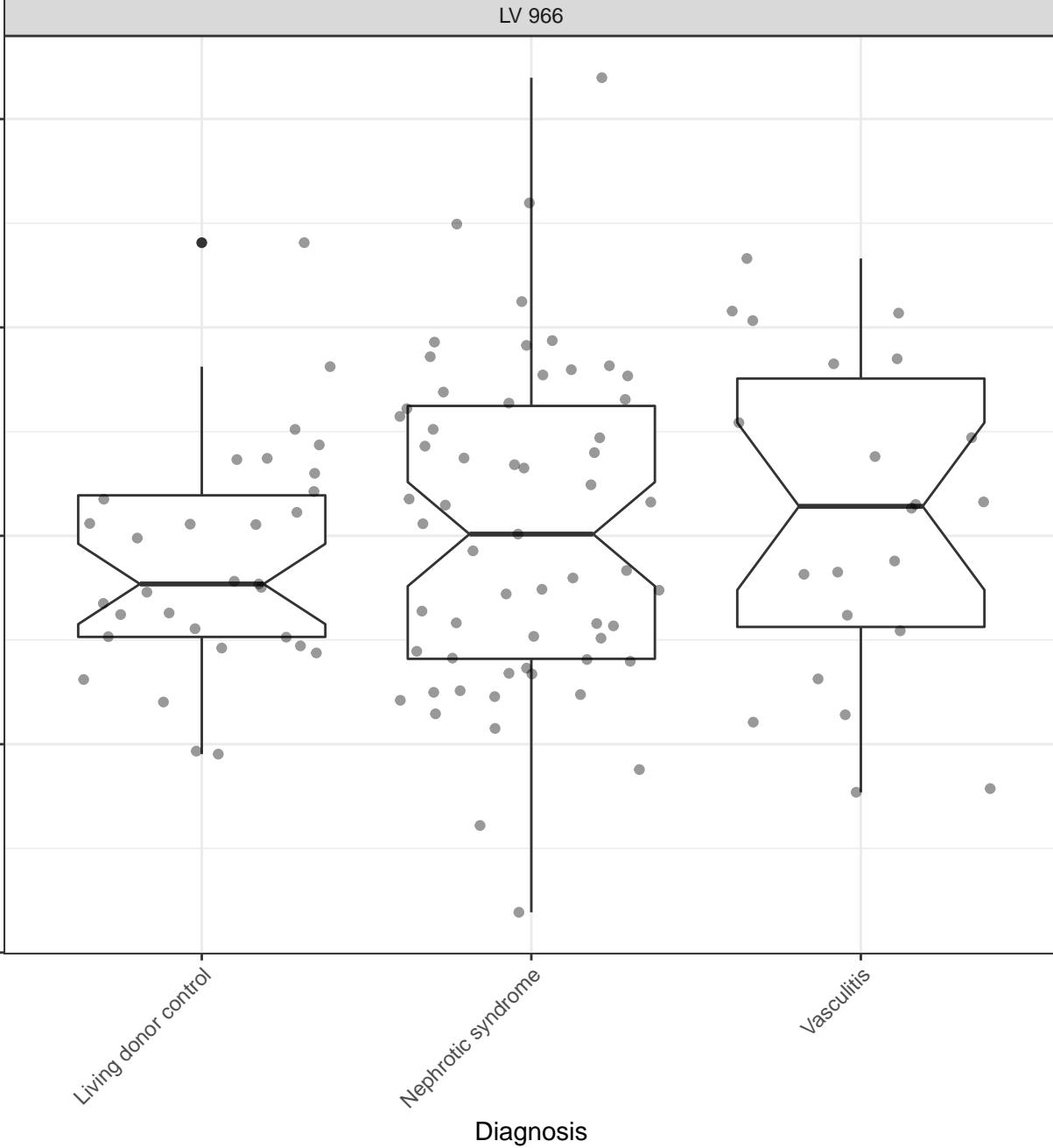
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

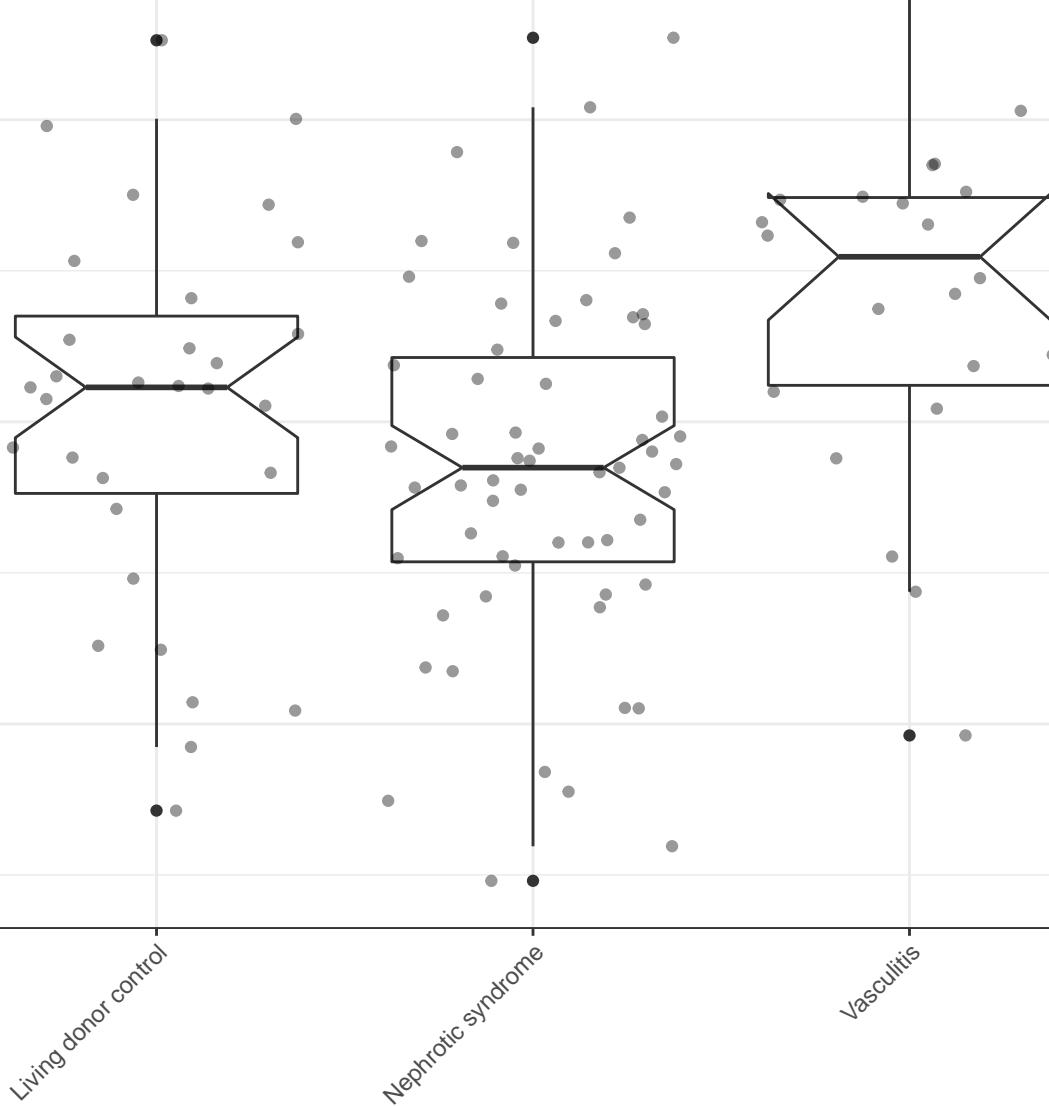
-0.04

Living donor control

Nephrotic syndrome

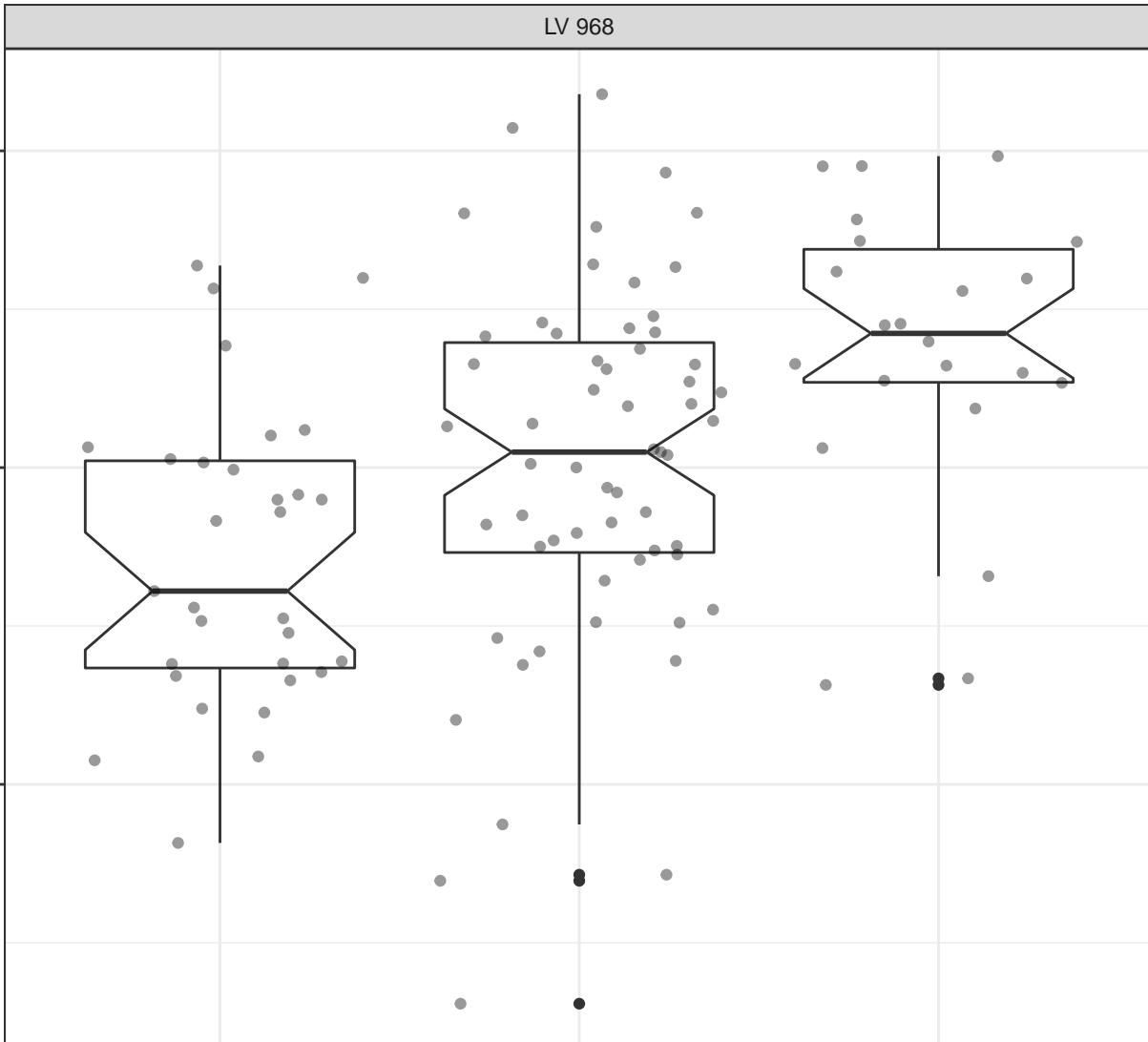
Vasculitis

Diagnosis



LV 968

Value



Diagnosis

LV 969

Value

0.05

0.00

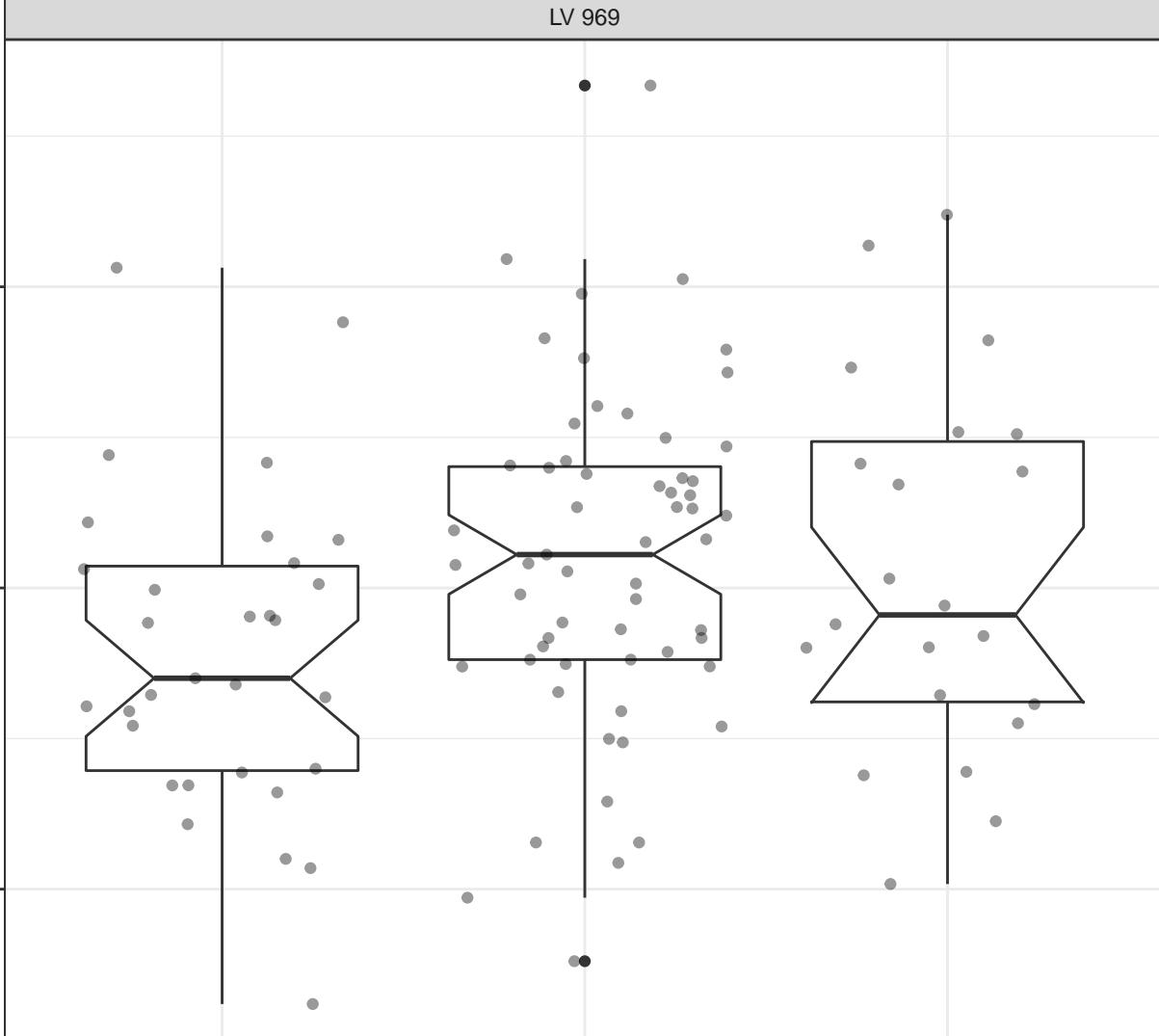
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 970

Value

0.05

0.00

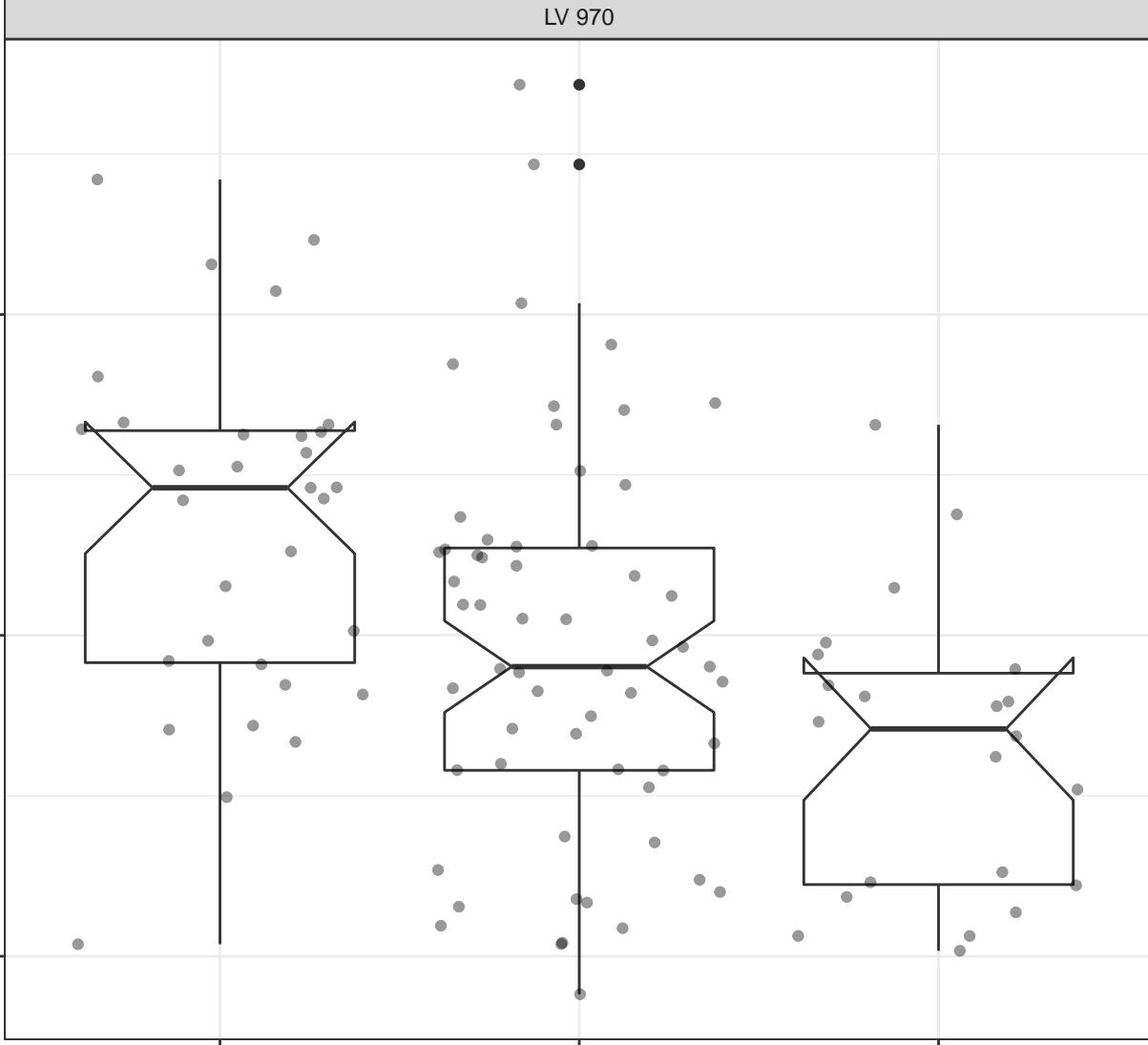
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 971

Value

0.05

0.00

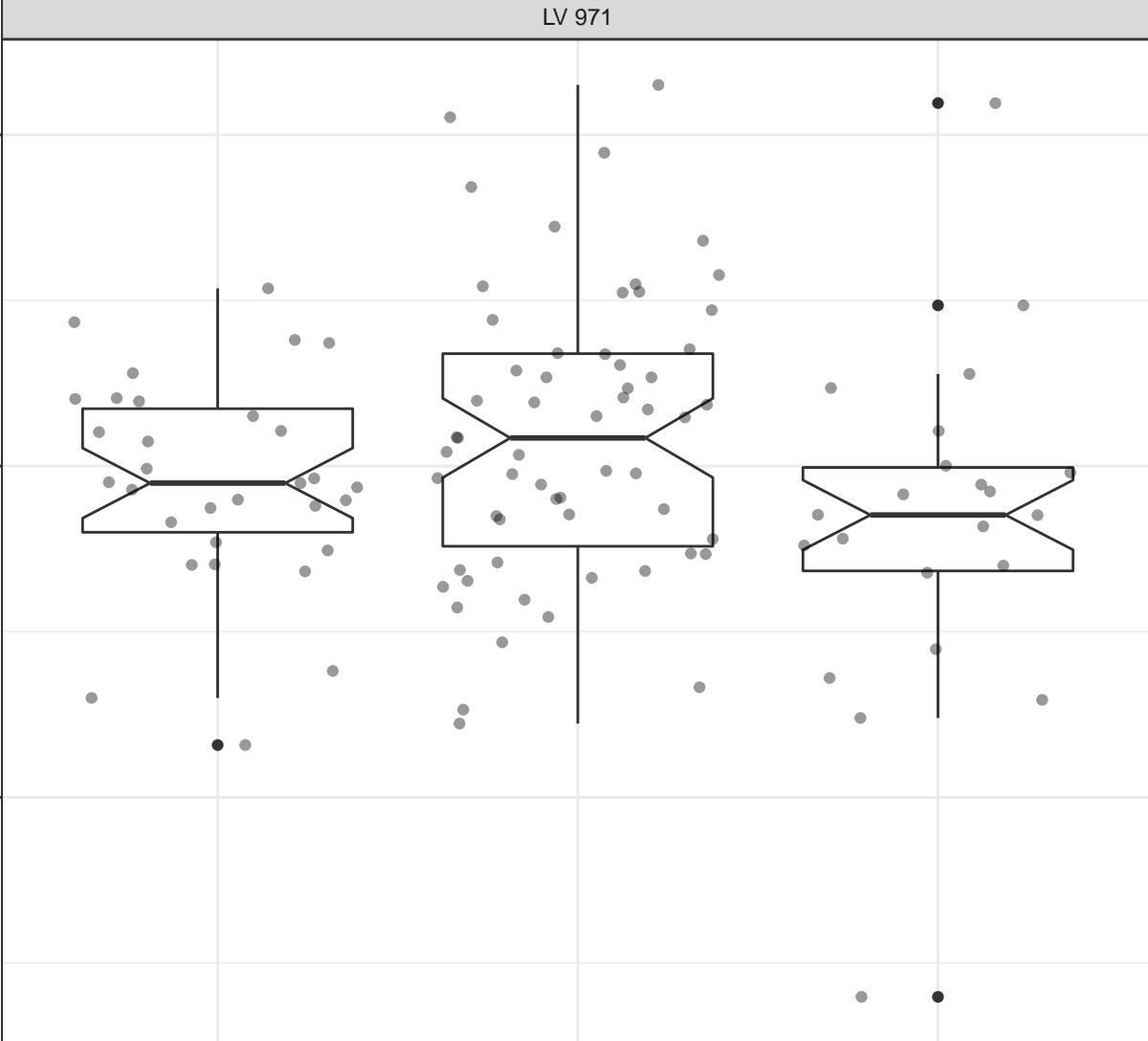
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 972

Value

0.05

0.00

-0.05

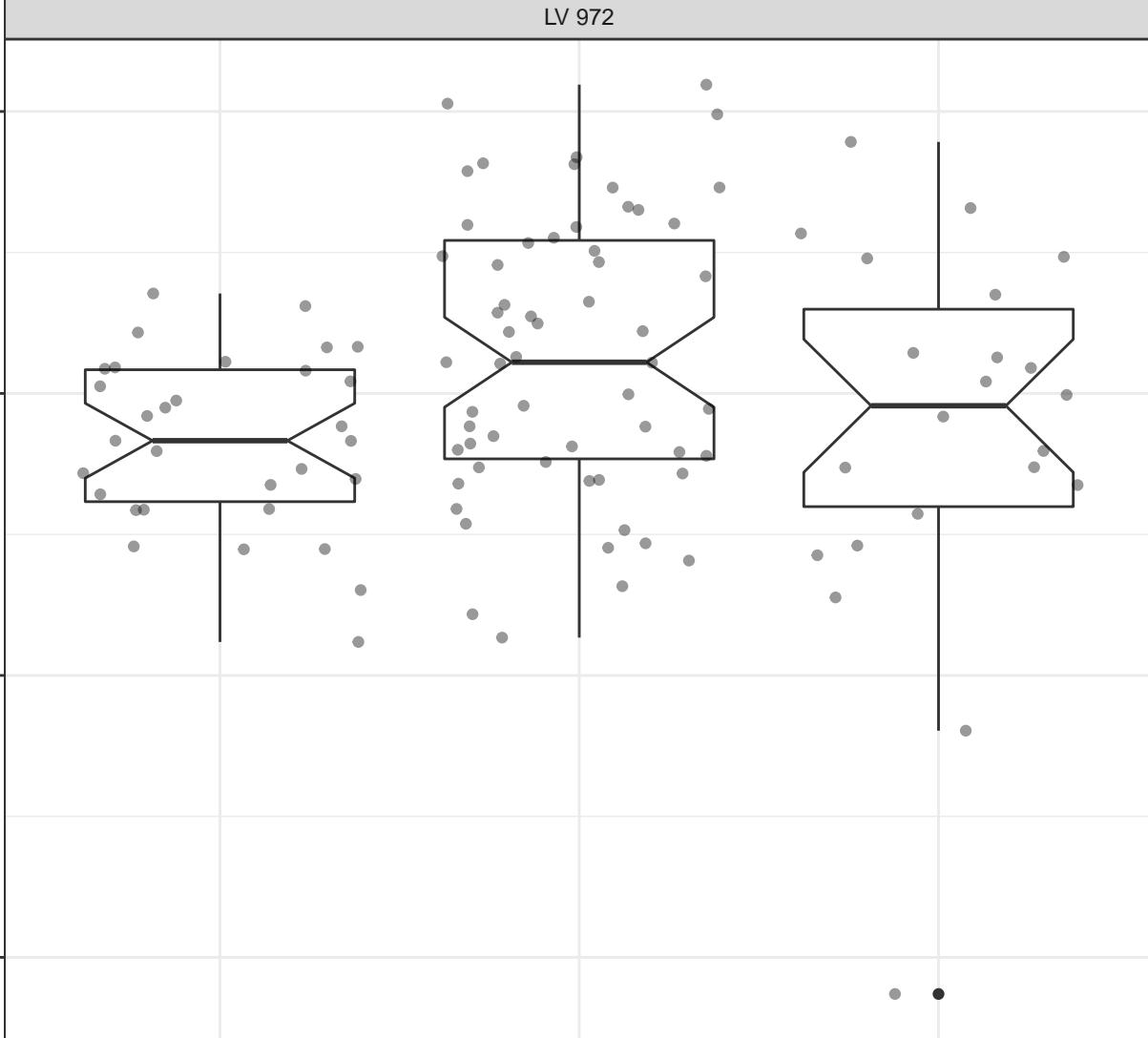
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 973

Value

0.10

0.05

0.00

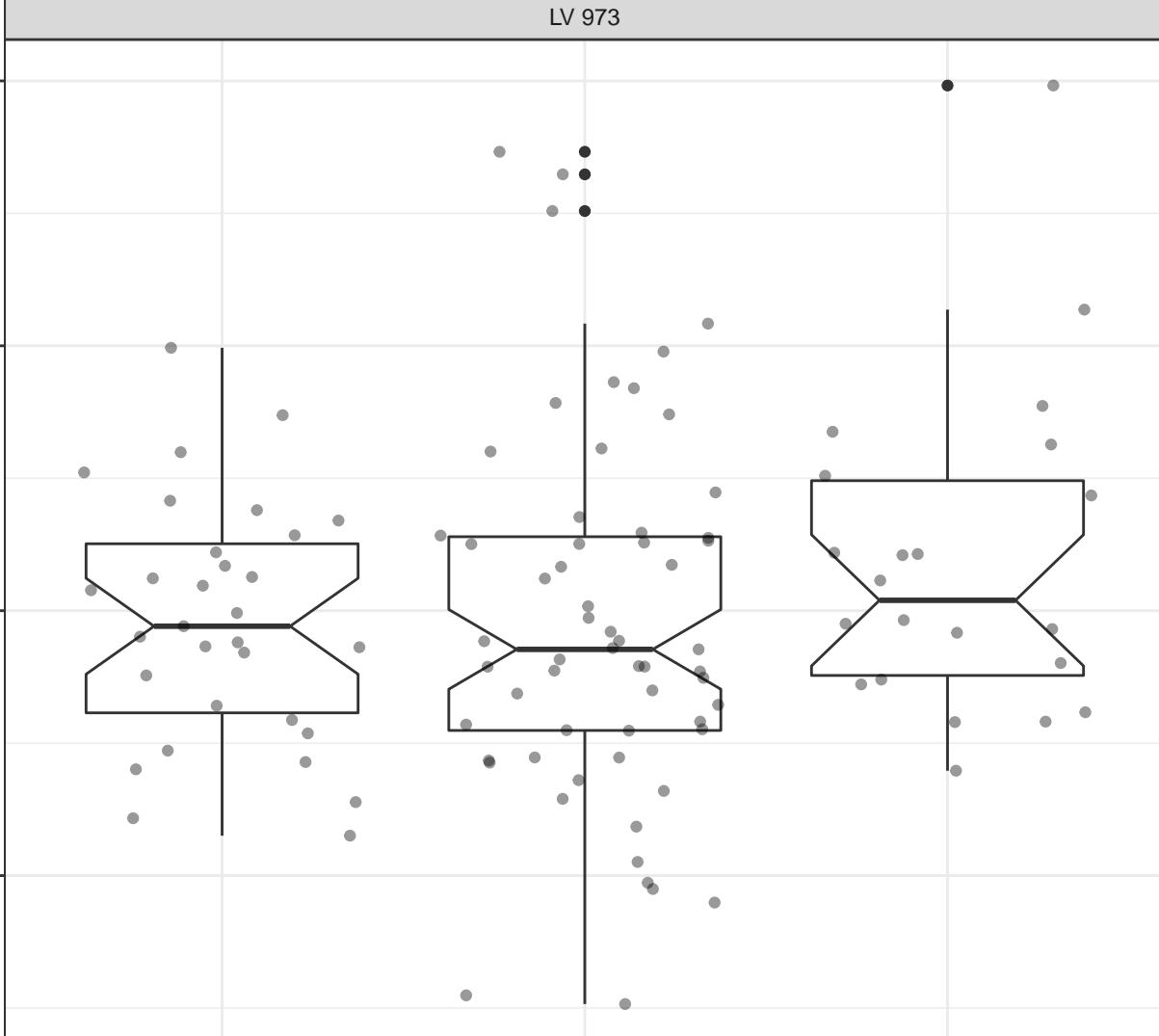
-0.05

Living donor control

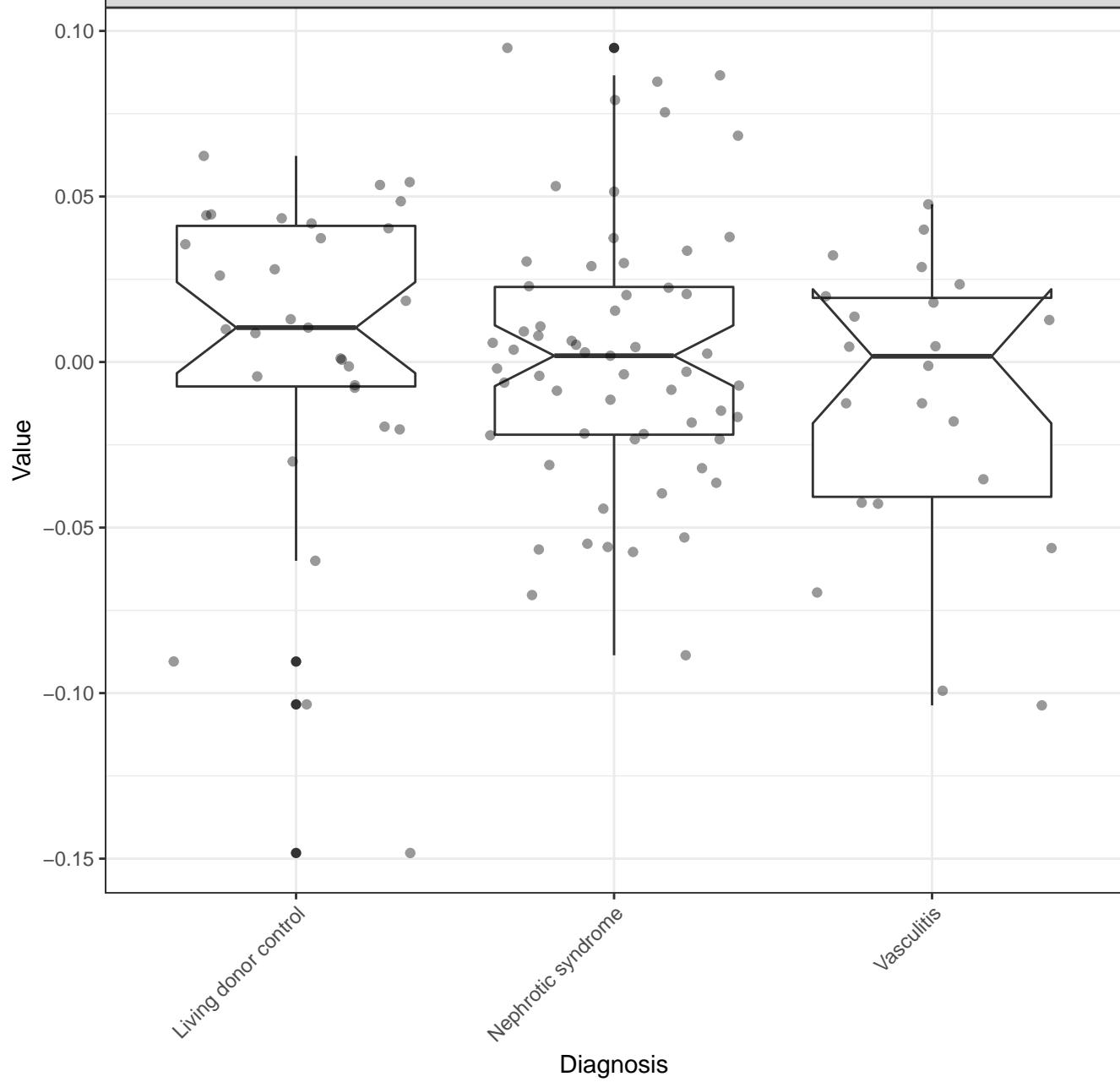
Nephrotic syndrome

Vasculitis

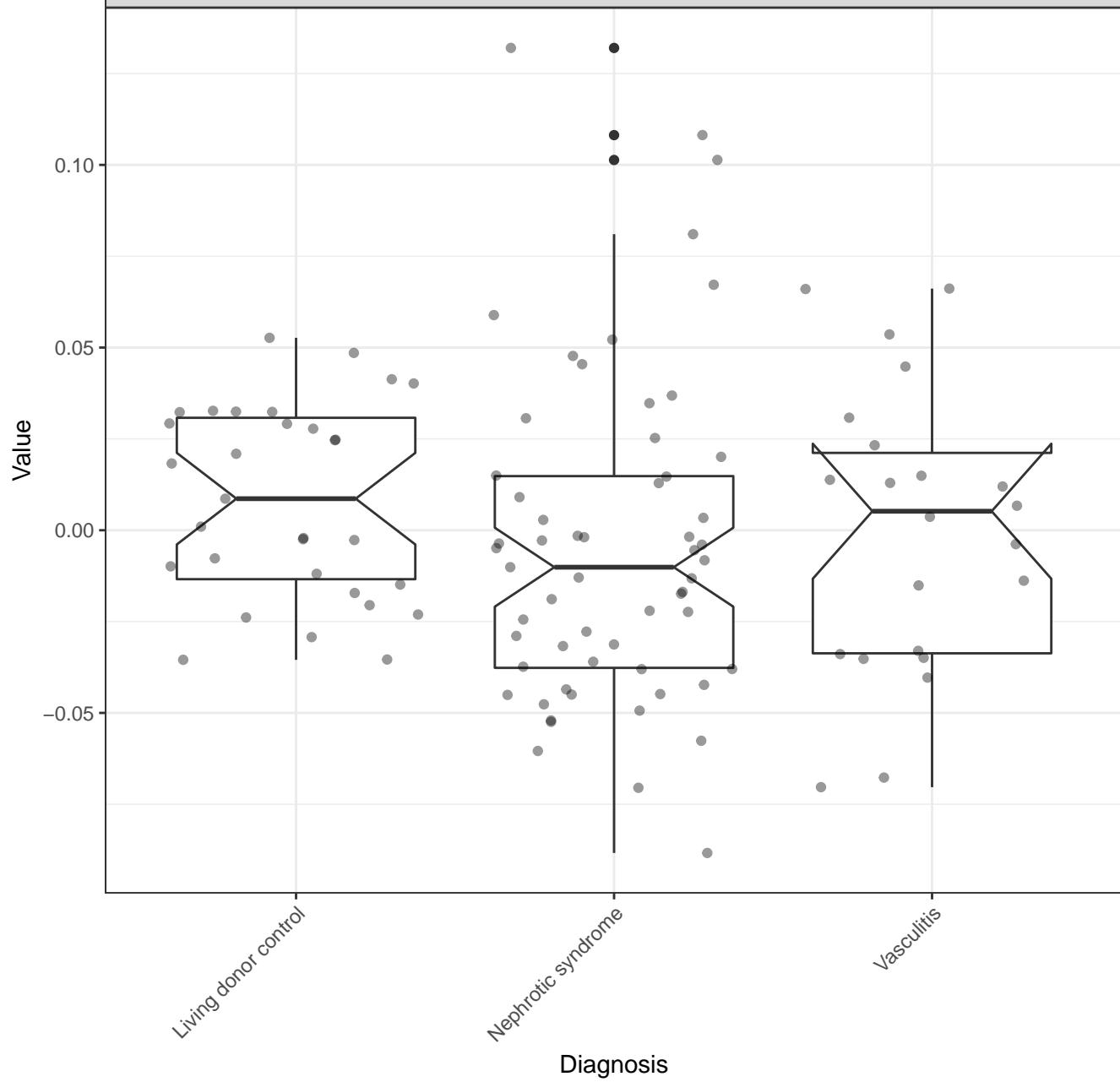
Diagnosis



LV 974



### 975,SVM T cells CD4 memory resting



## LV 976

Value

0.1

0.0

-0.1

-0.2

-0.3

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

## 977,SVM B cells naive

Value

0.10

0.05

0.00

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 978

Value

0.04

0.00

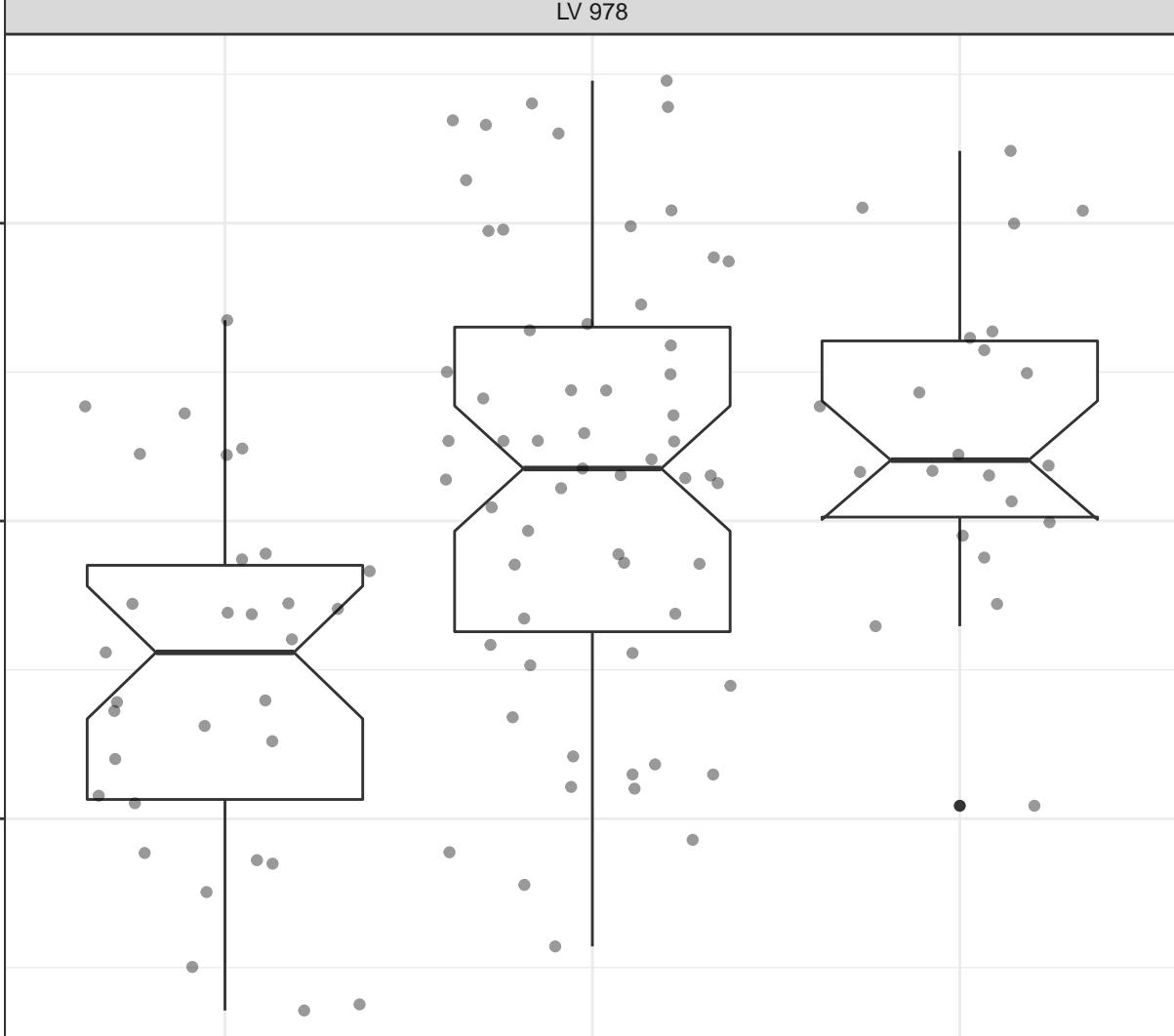
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 979

Value

0.03

0.01

-0.03

-0.06

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 980

Value

0.04

0.00

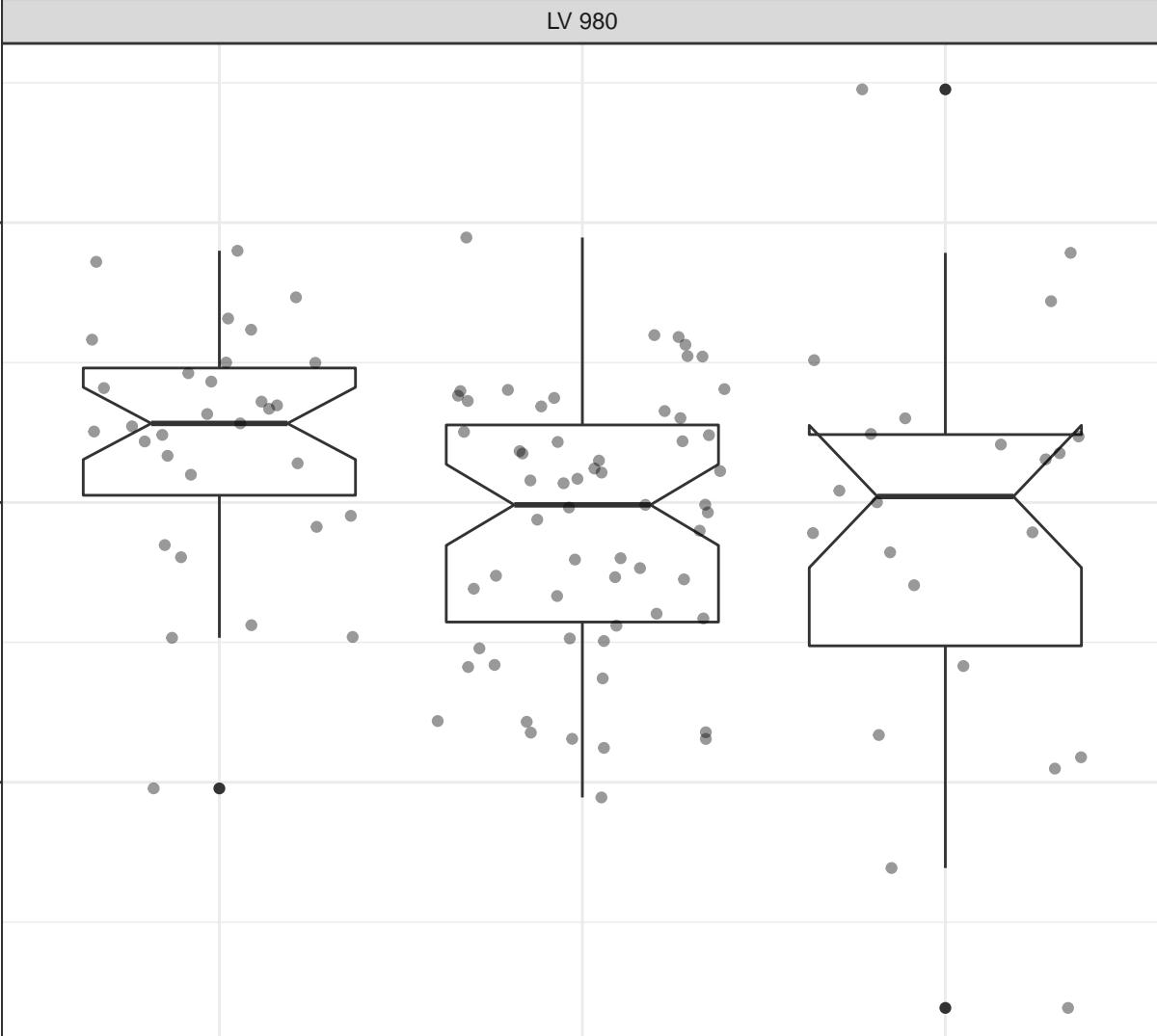
-0.04

Living donor control

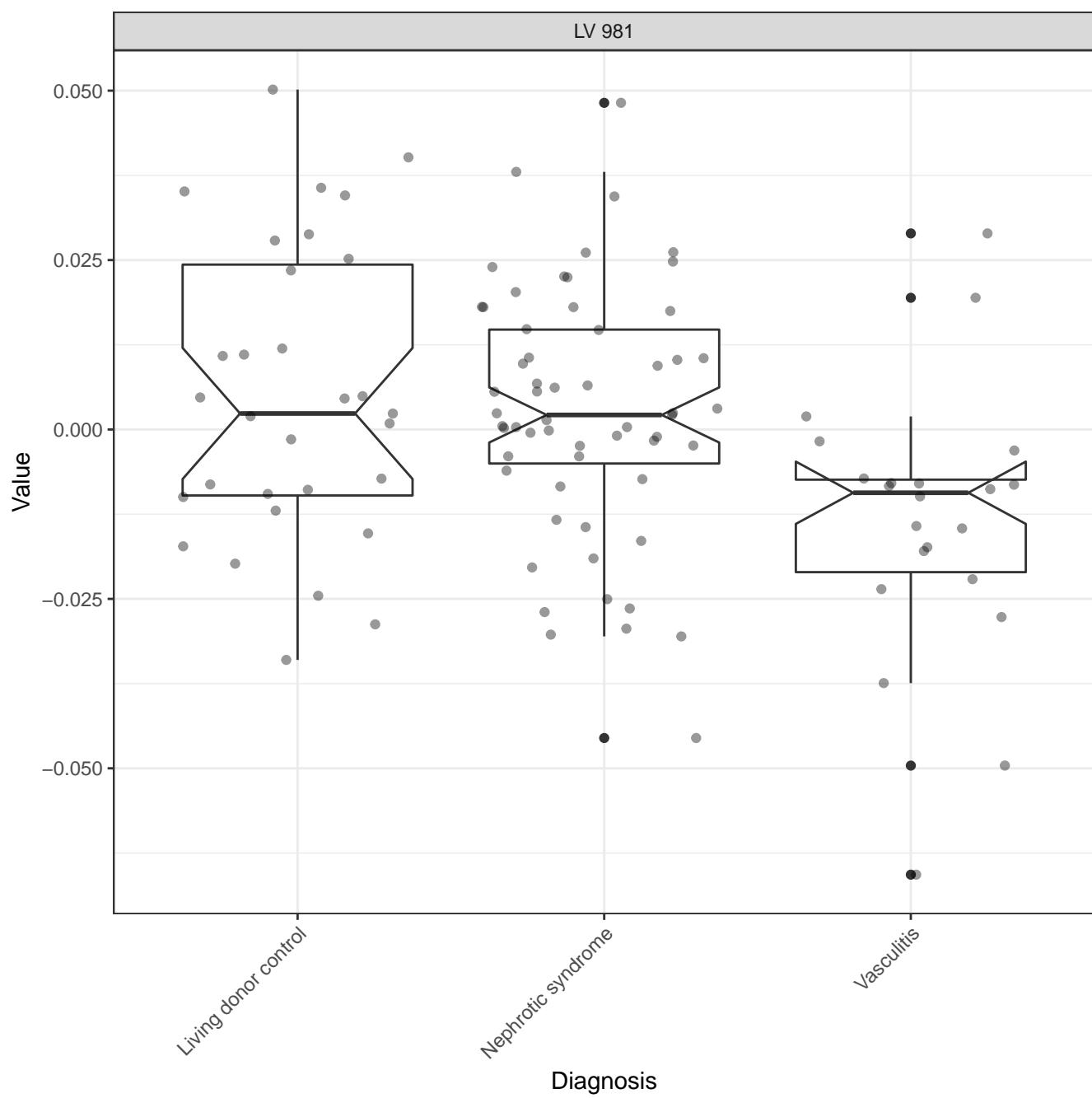
Nephrotic syndrome

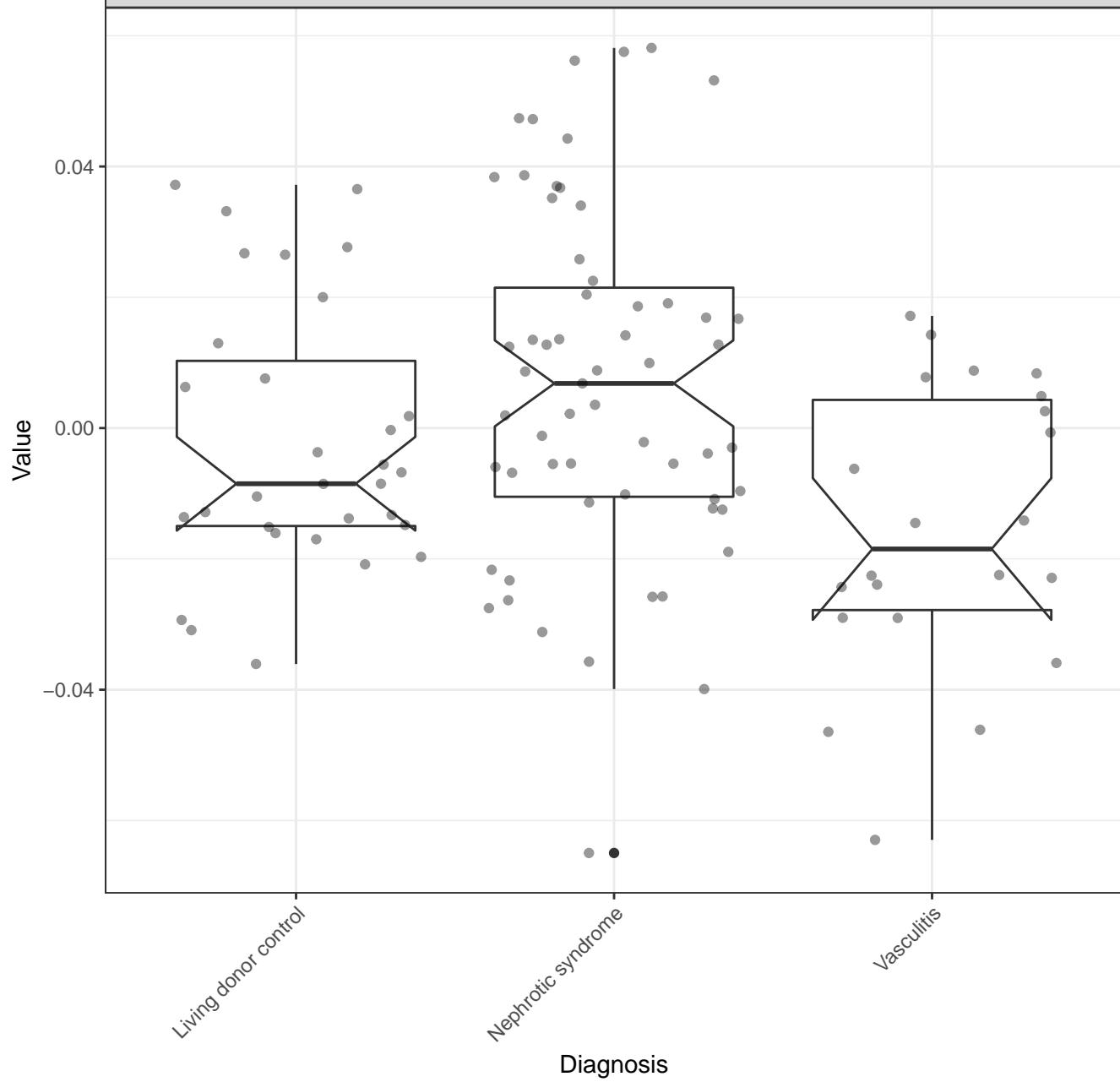
Vasculitis

Diagnosis



LV 981





LV 983

Value

0.02

0.00

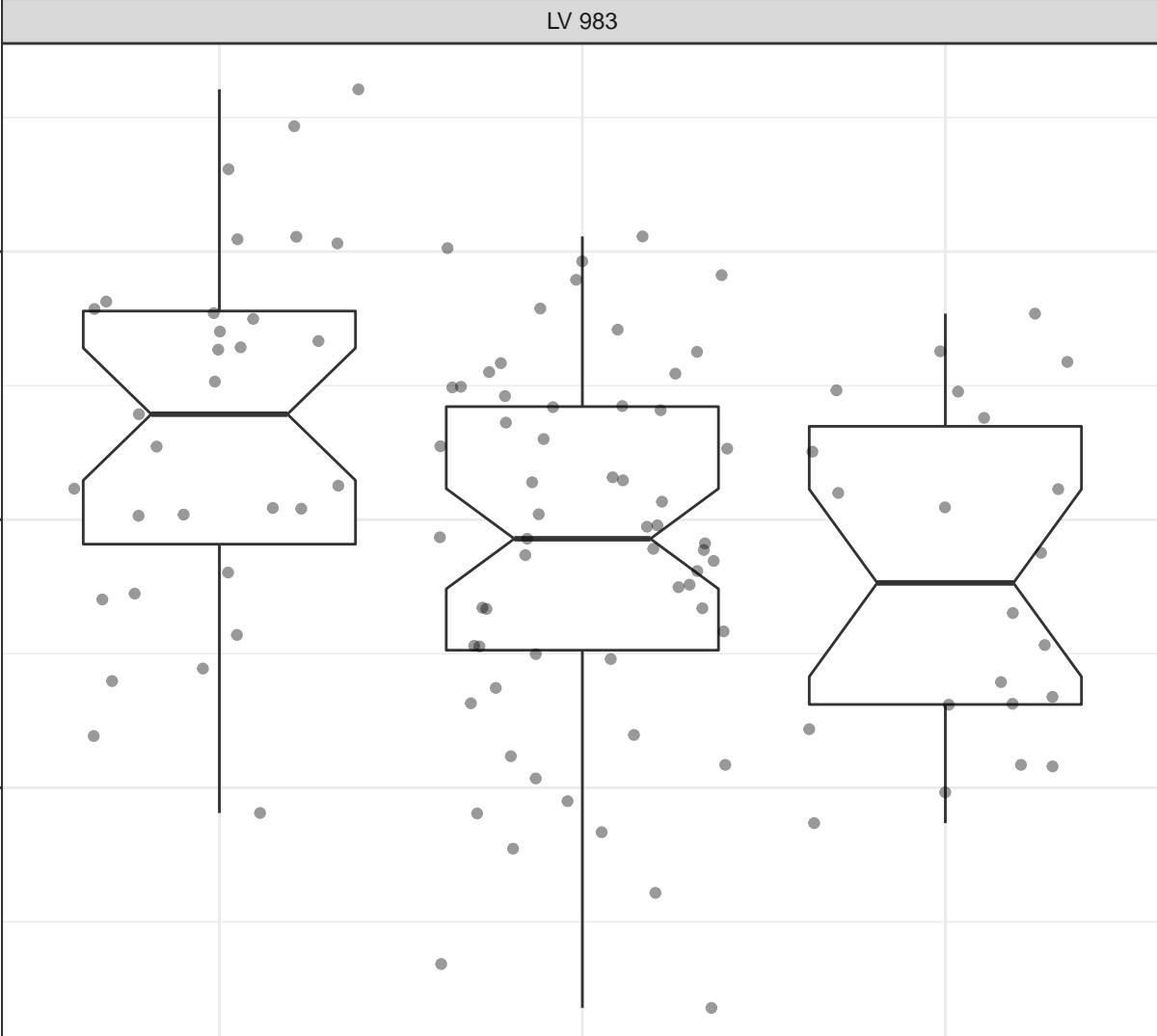
-0.02

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 984

Value

0.3

0.2

0.1

-0.1

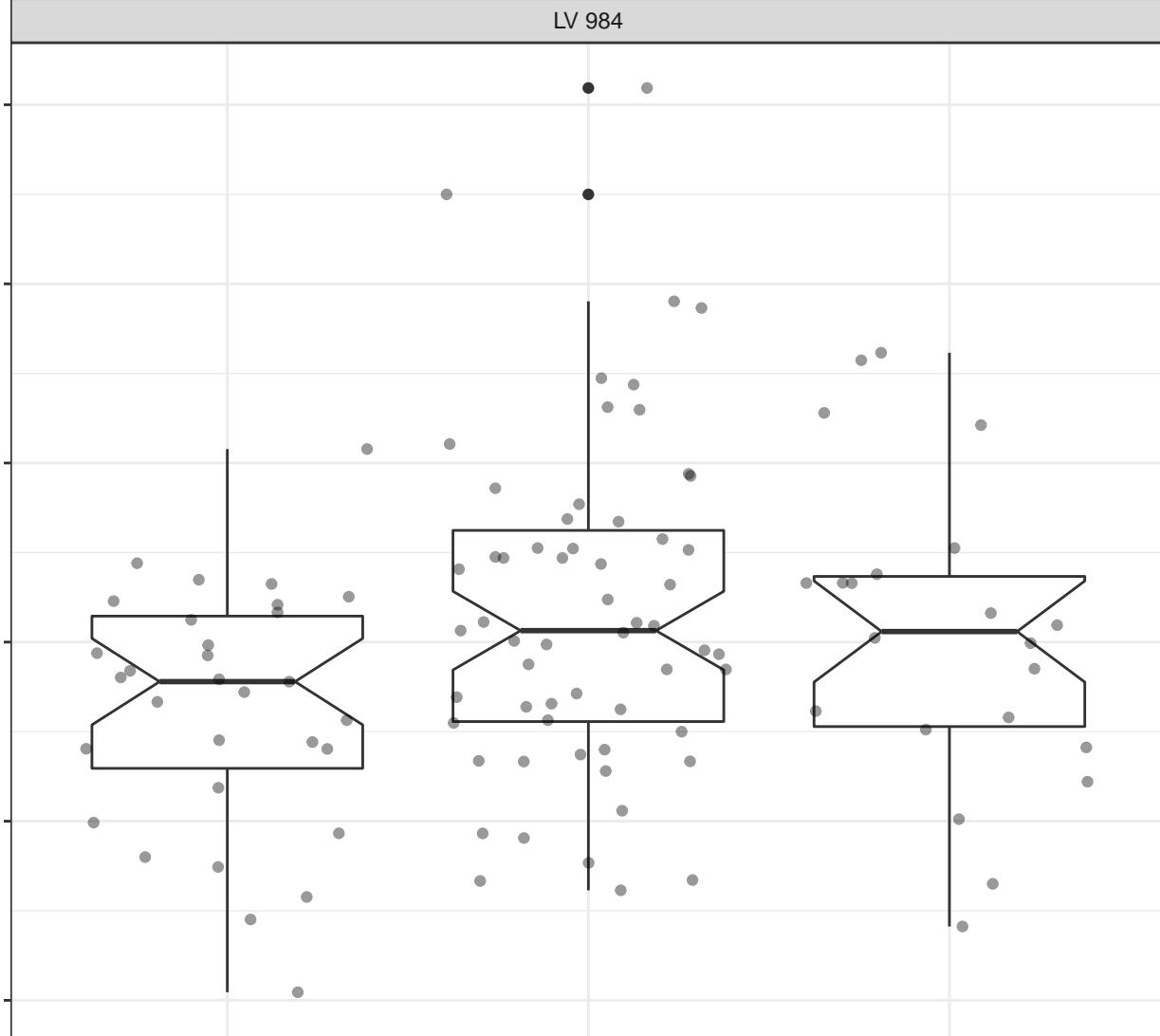
-0.2

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 985,IRIS\_Neutrophil–Resting

Value

0.1

0.0

-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 986

Value

0.05

0.00

-0.05

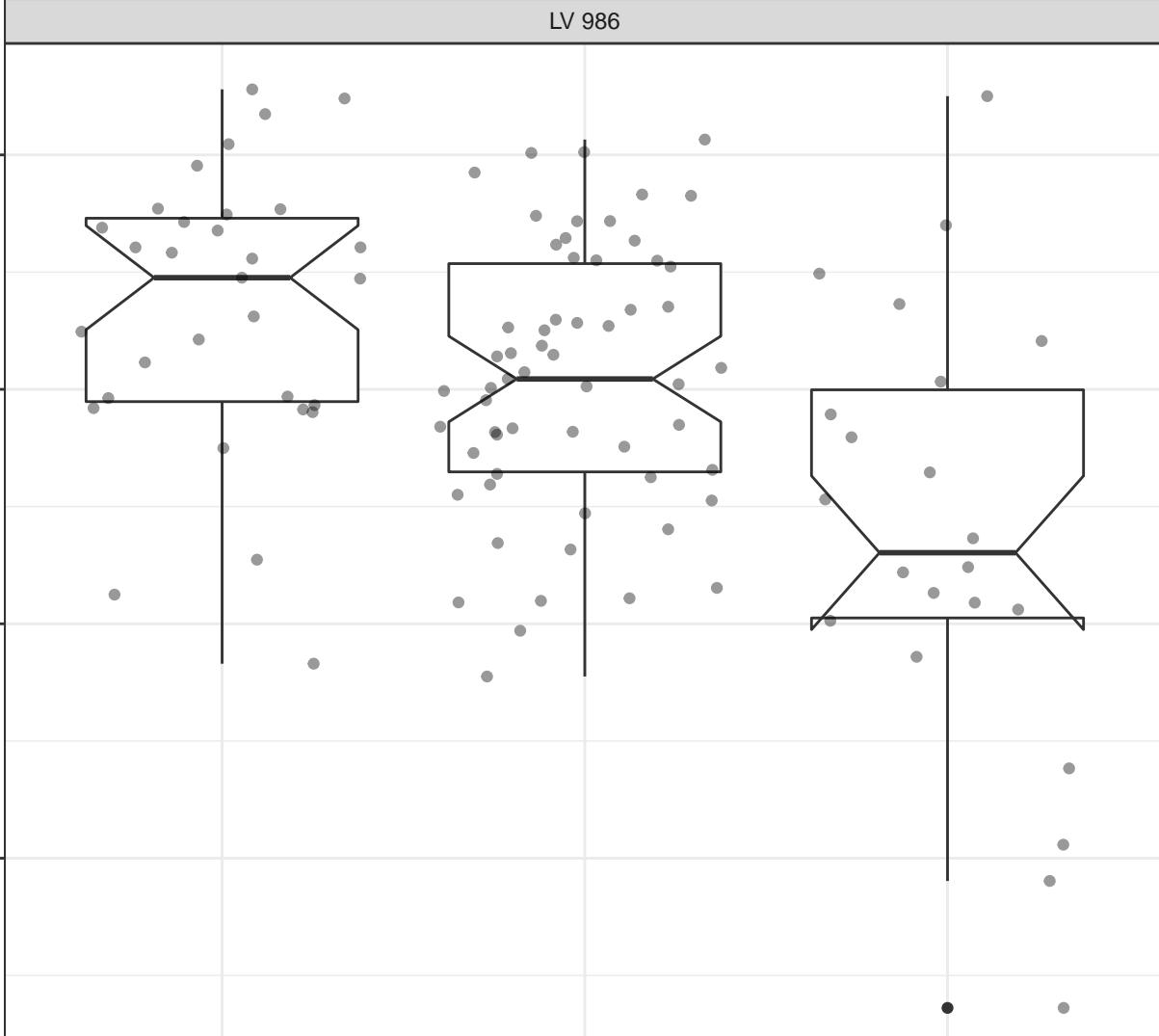
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 987

Value

0.1

0.0

-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

