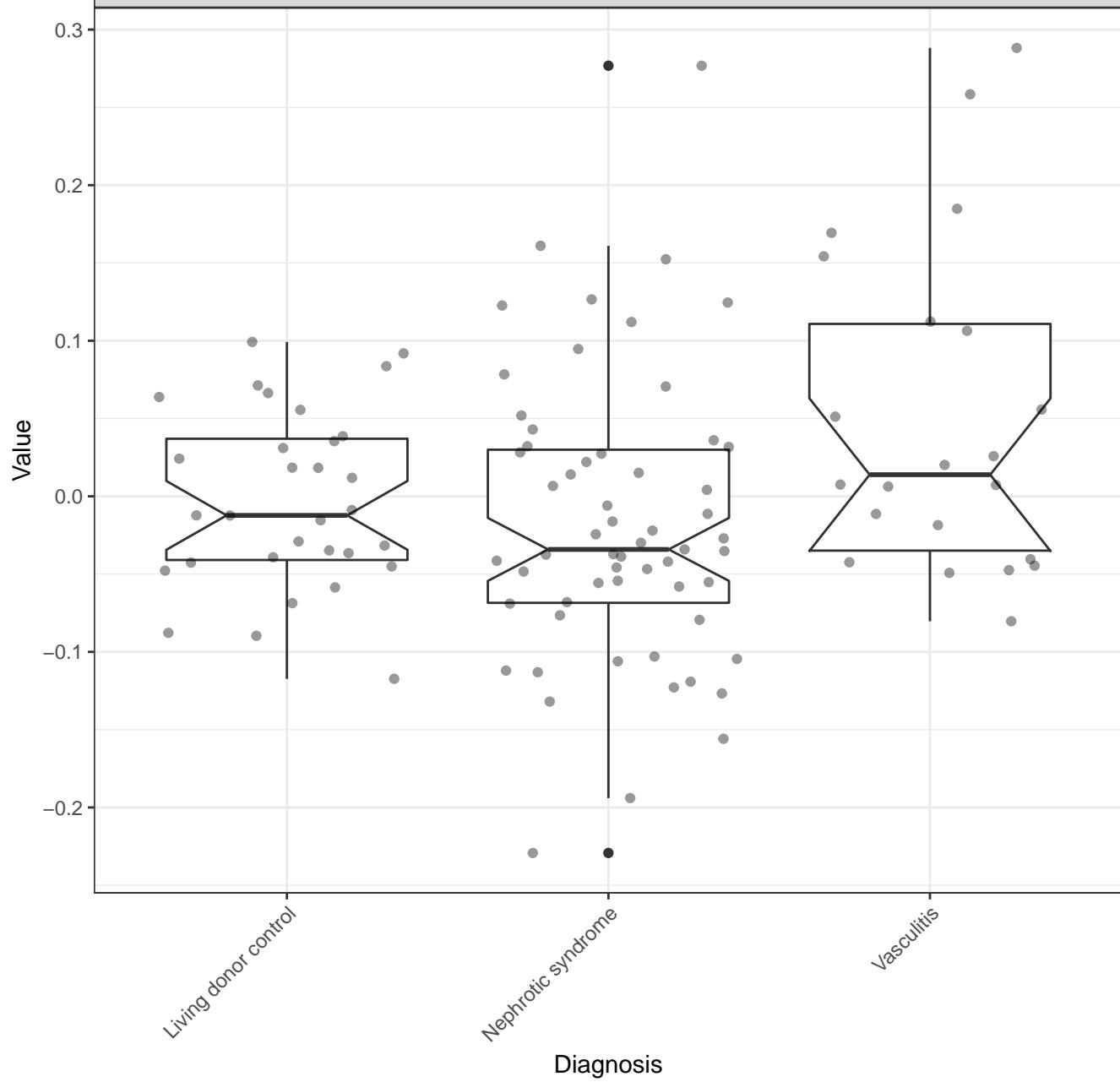


# 1,REACTOME\_MRNA\_SPLICING



## 2,SVM Monocytes

Value

0.2

0.1

0.0

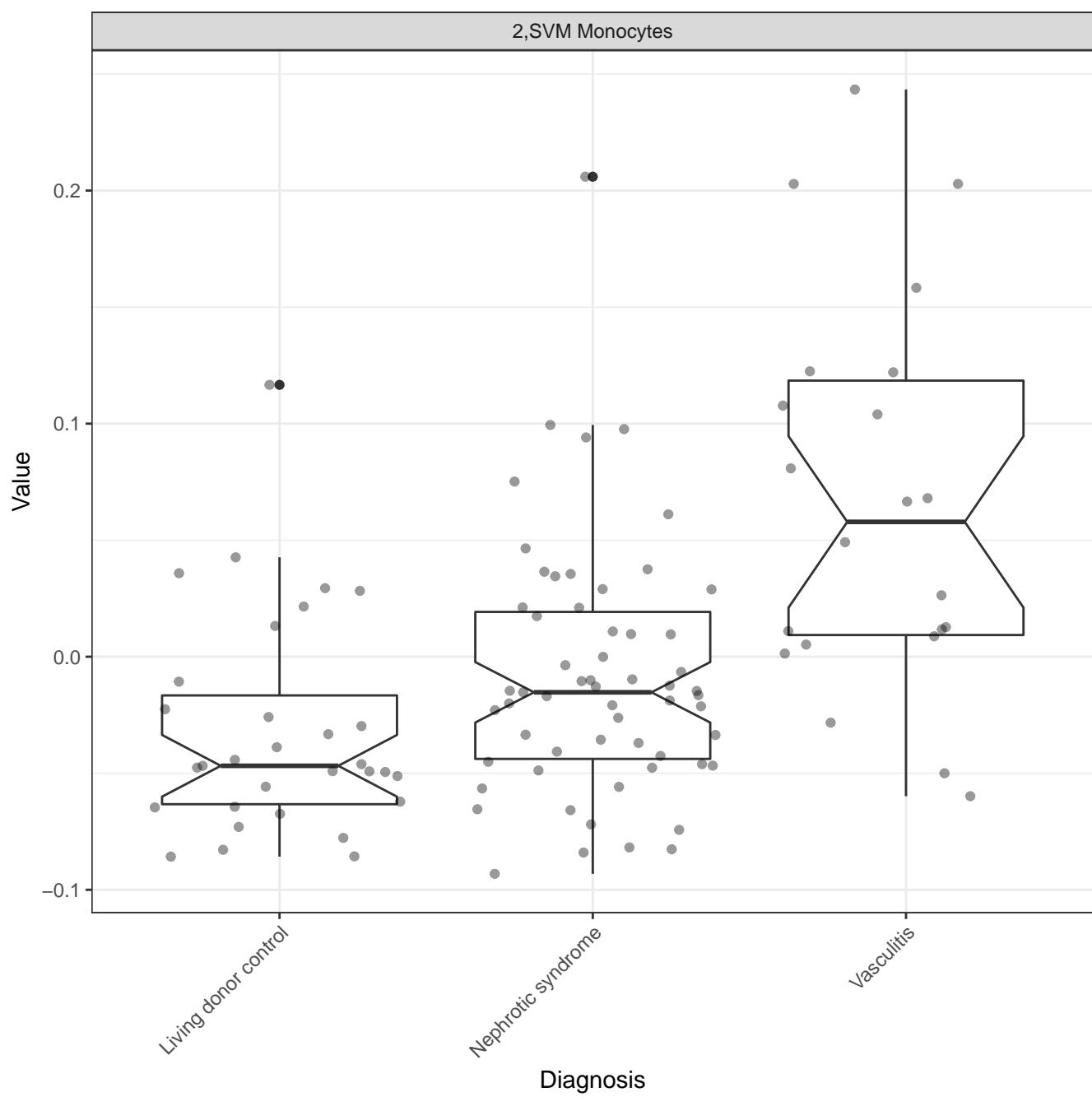
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



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

Value

0.2

0.1

0.0

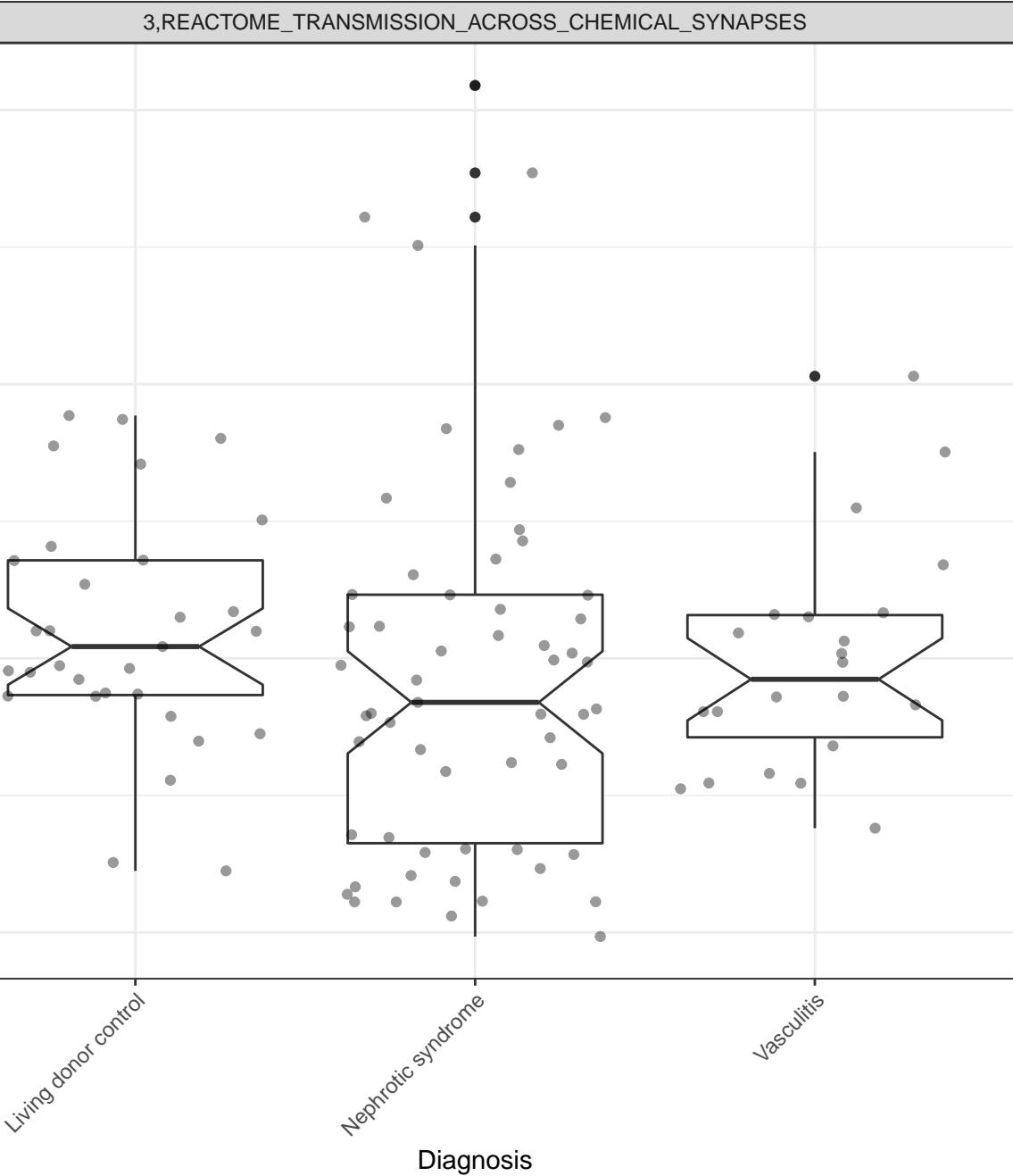
-0.1

Living donor control

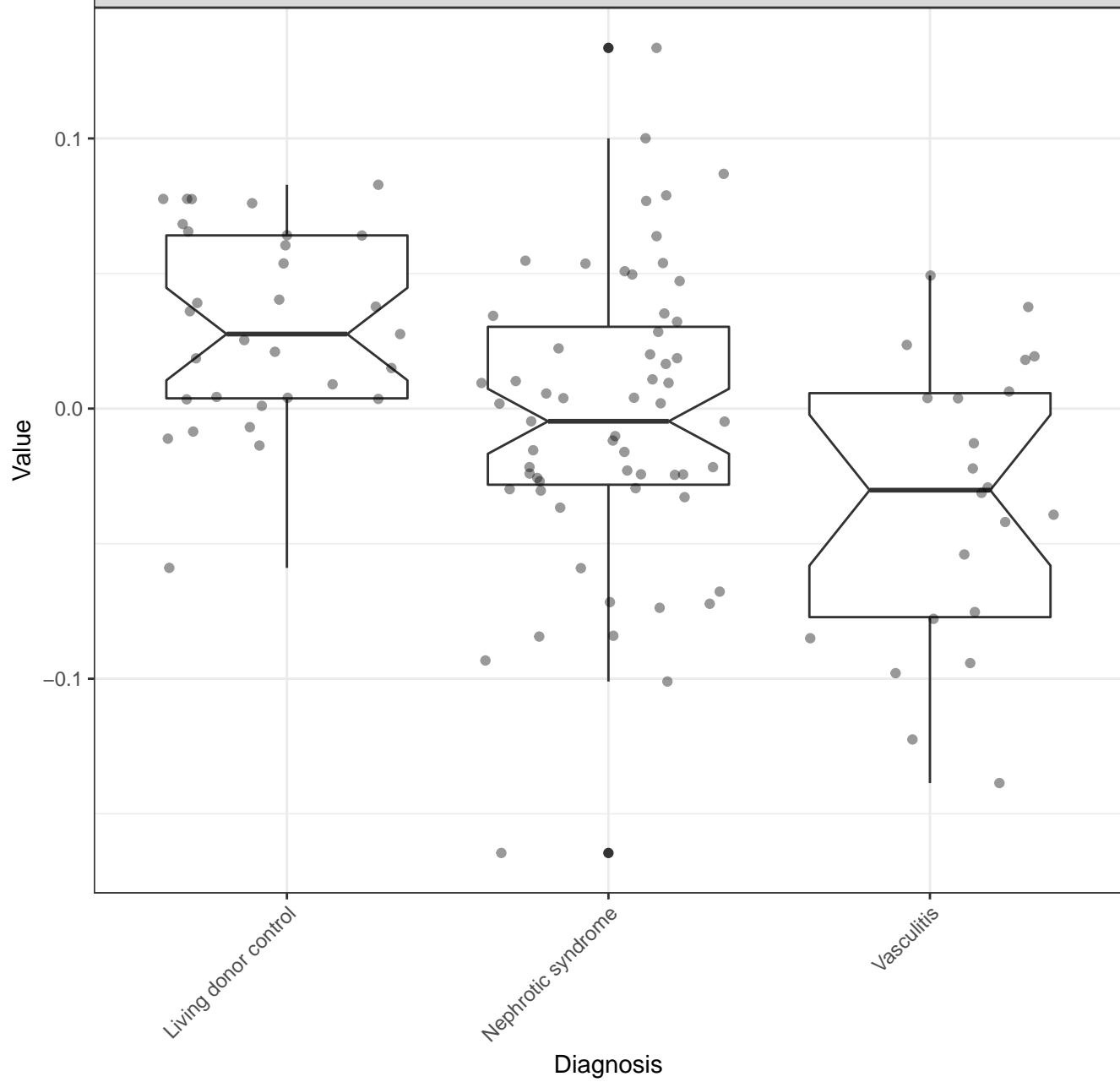
Nephrotic syndrome

Vasculitis

Diagnosis



#### 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

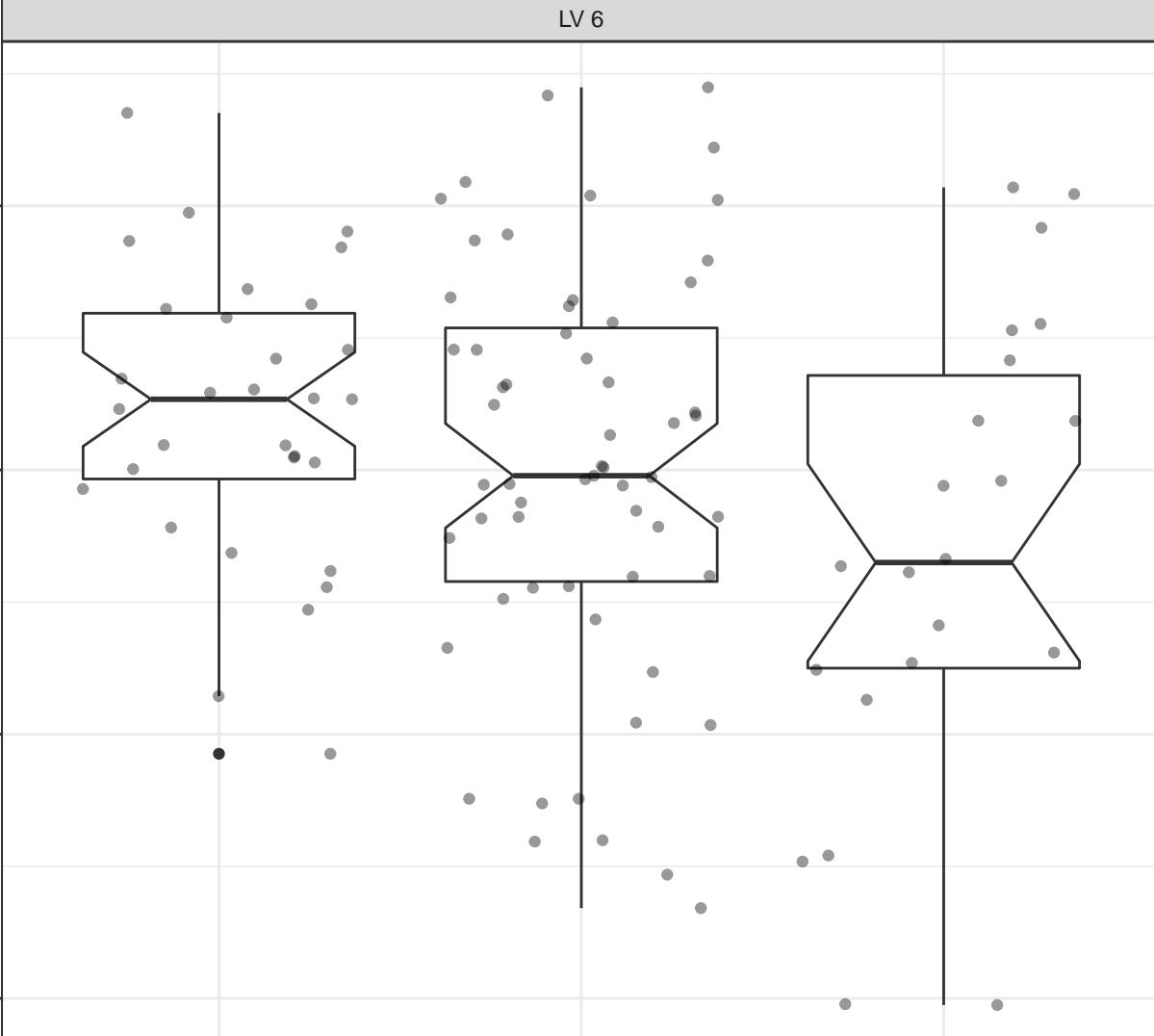
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



# 7,IRIS\_Neutrophil–Resting

Value

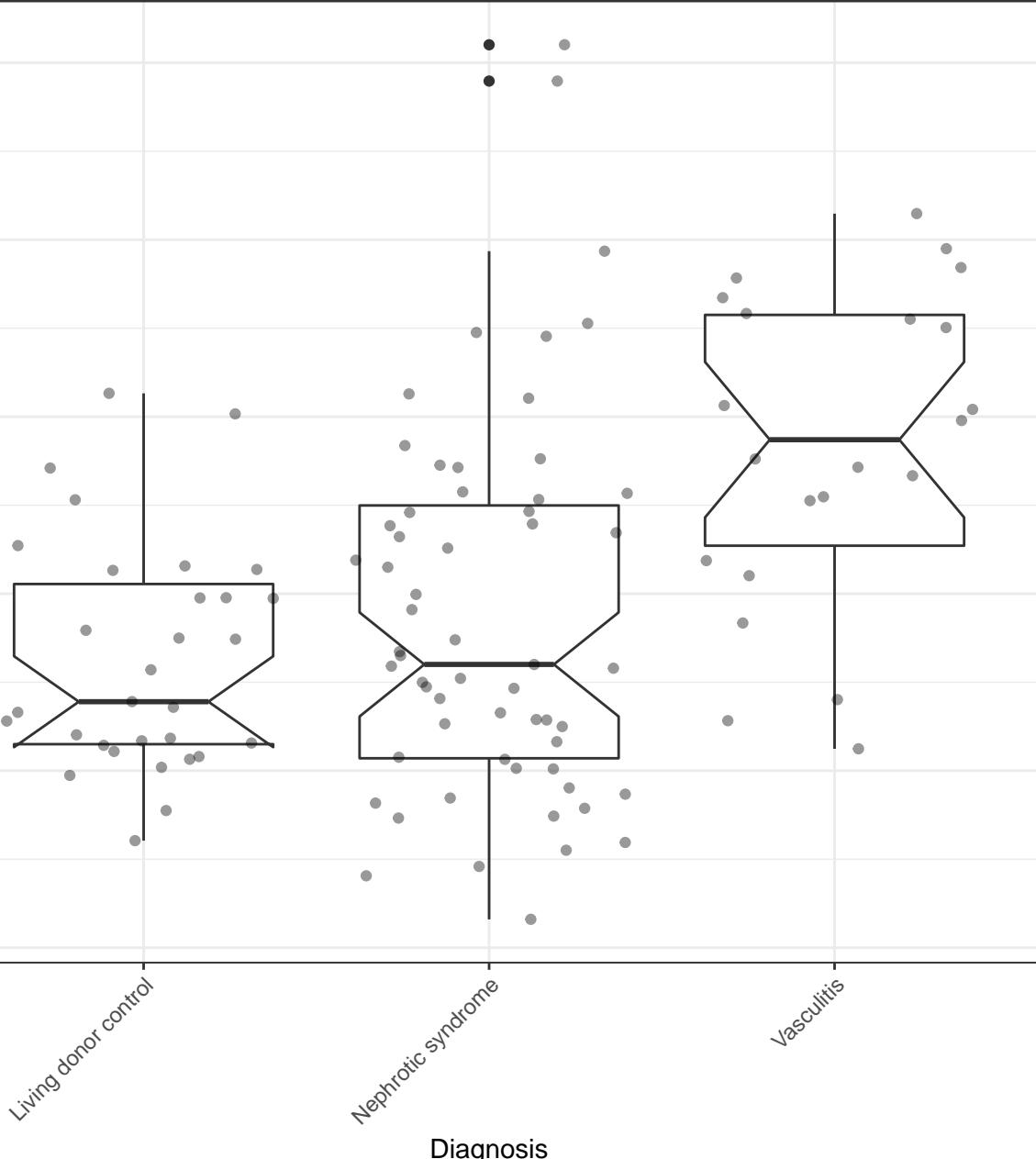
0.15  
0.10  
0.05  
0.00  
-0.05  
-0.10

Living donor control

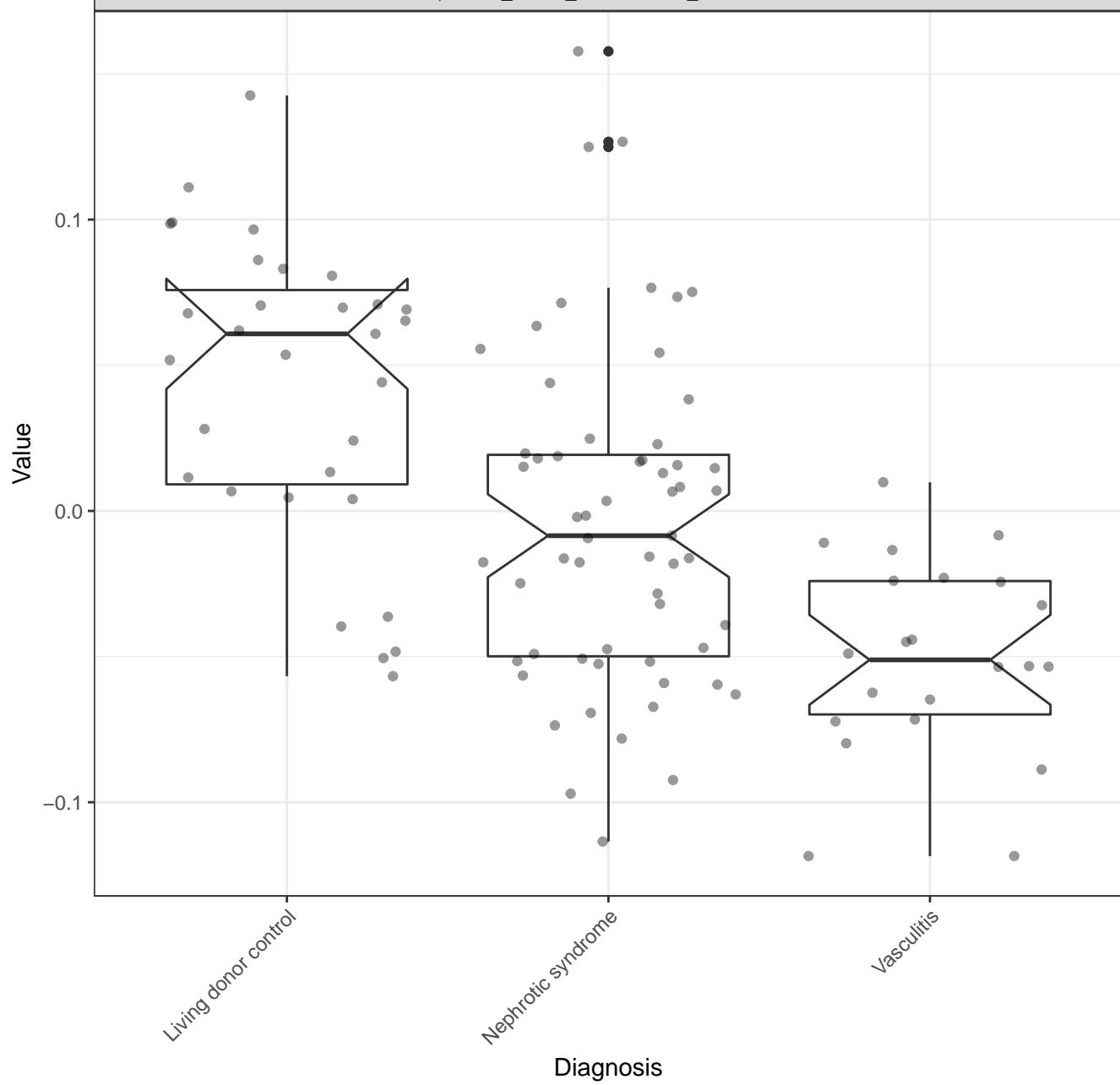
Nephrotic syndrome

Vasculitis

Diagnosis



## 8,KEGG\_PPAR\_SIGNALING\_PATHWAY



LV 9

Value

0.25

0.00

-0.25

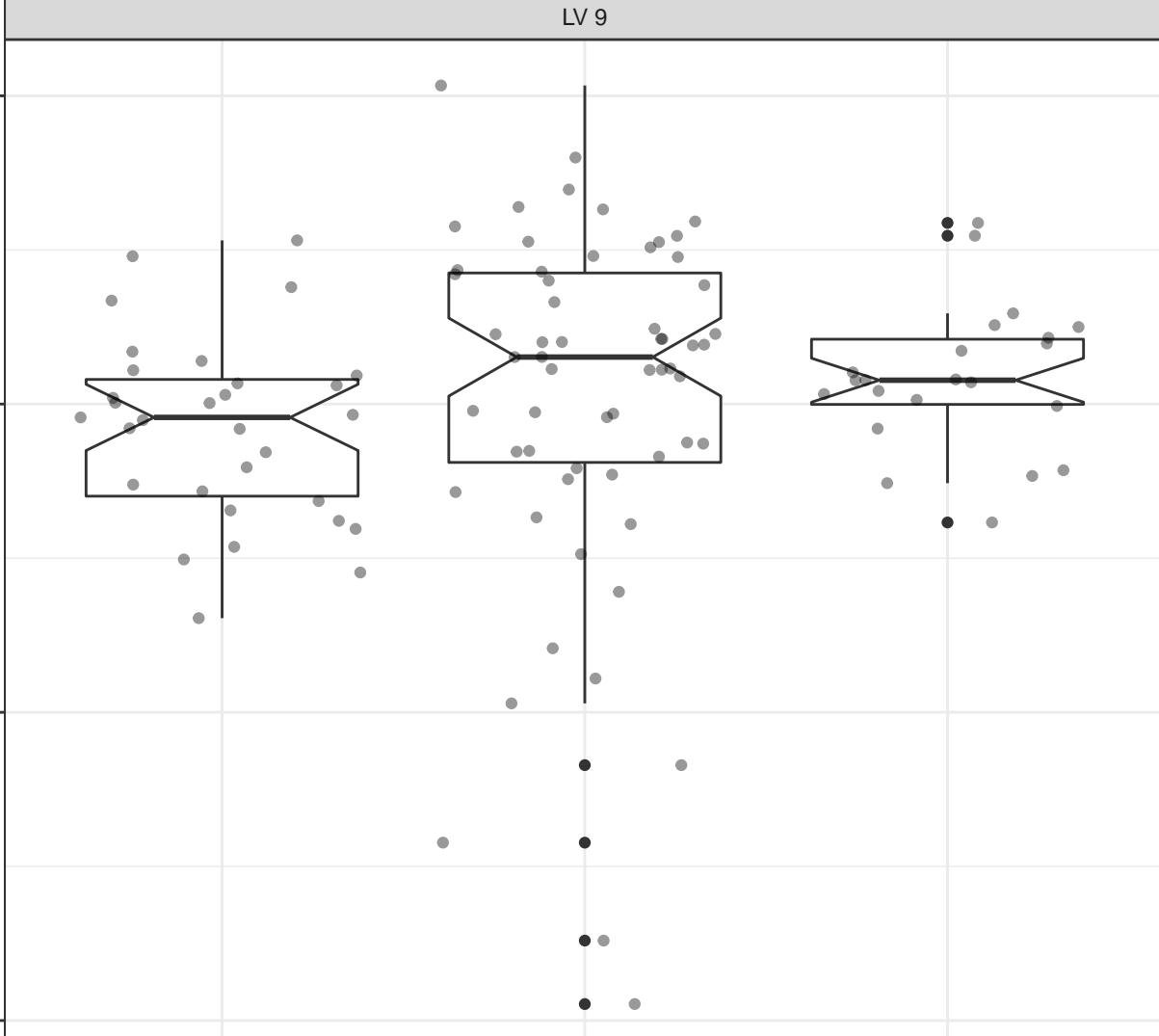
-0.50

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



# 10,SVM Macrophages M0

Value

0.3

0.2

0.1

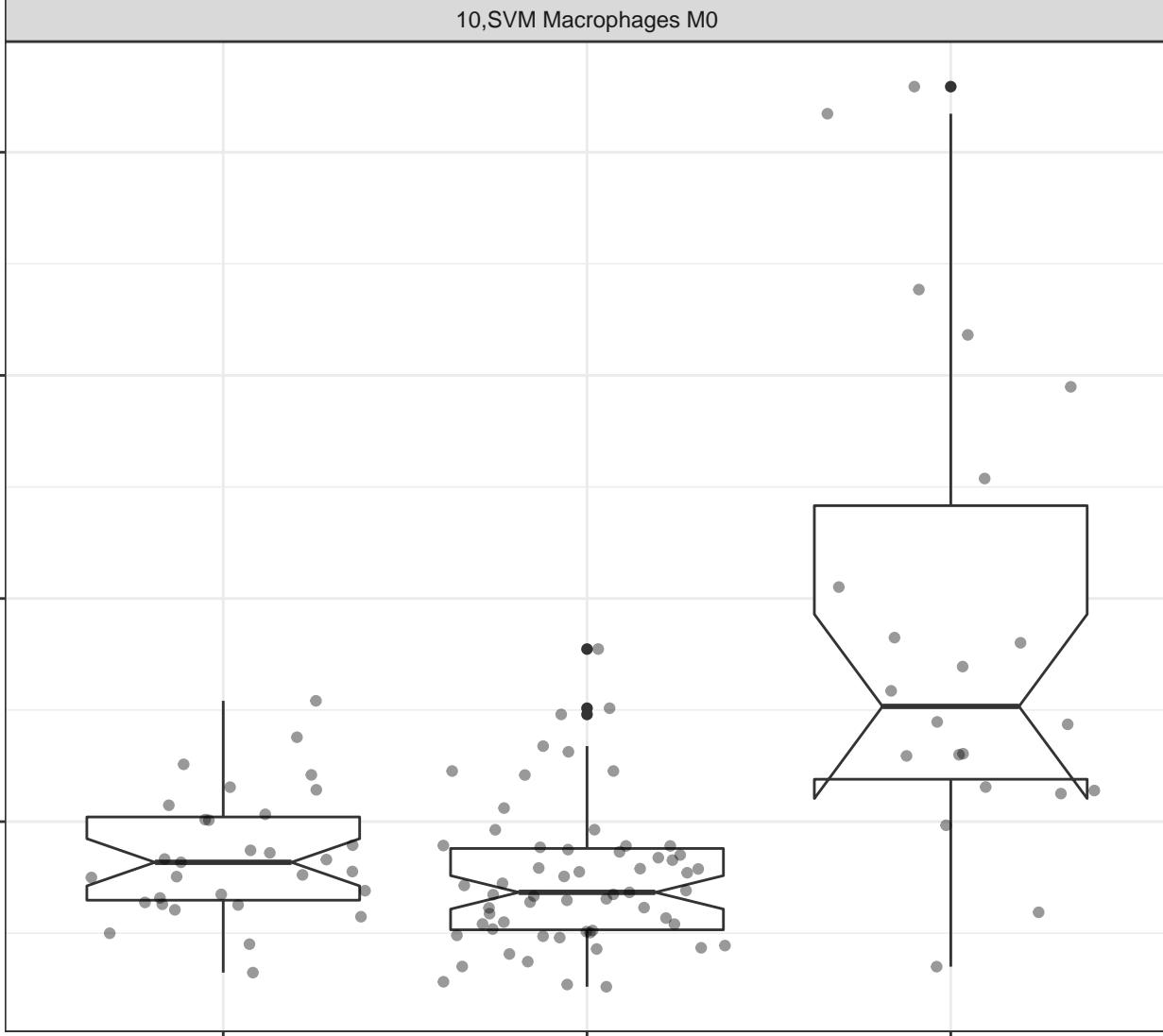
0.0

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 11

Value

0.1

0.0

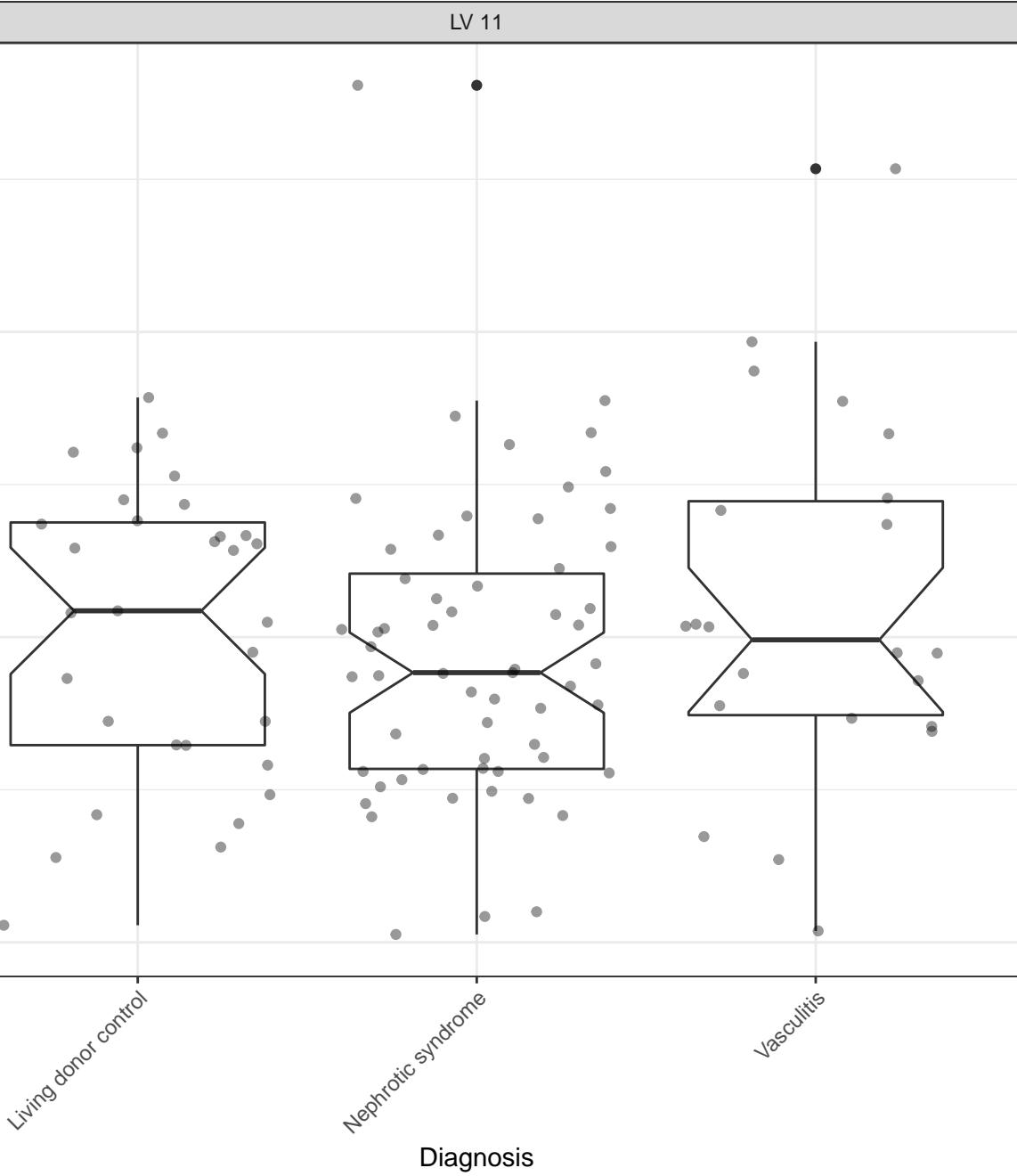
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 12,DMAP\_MEGA2

Value

0.10

0.05

0.00

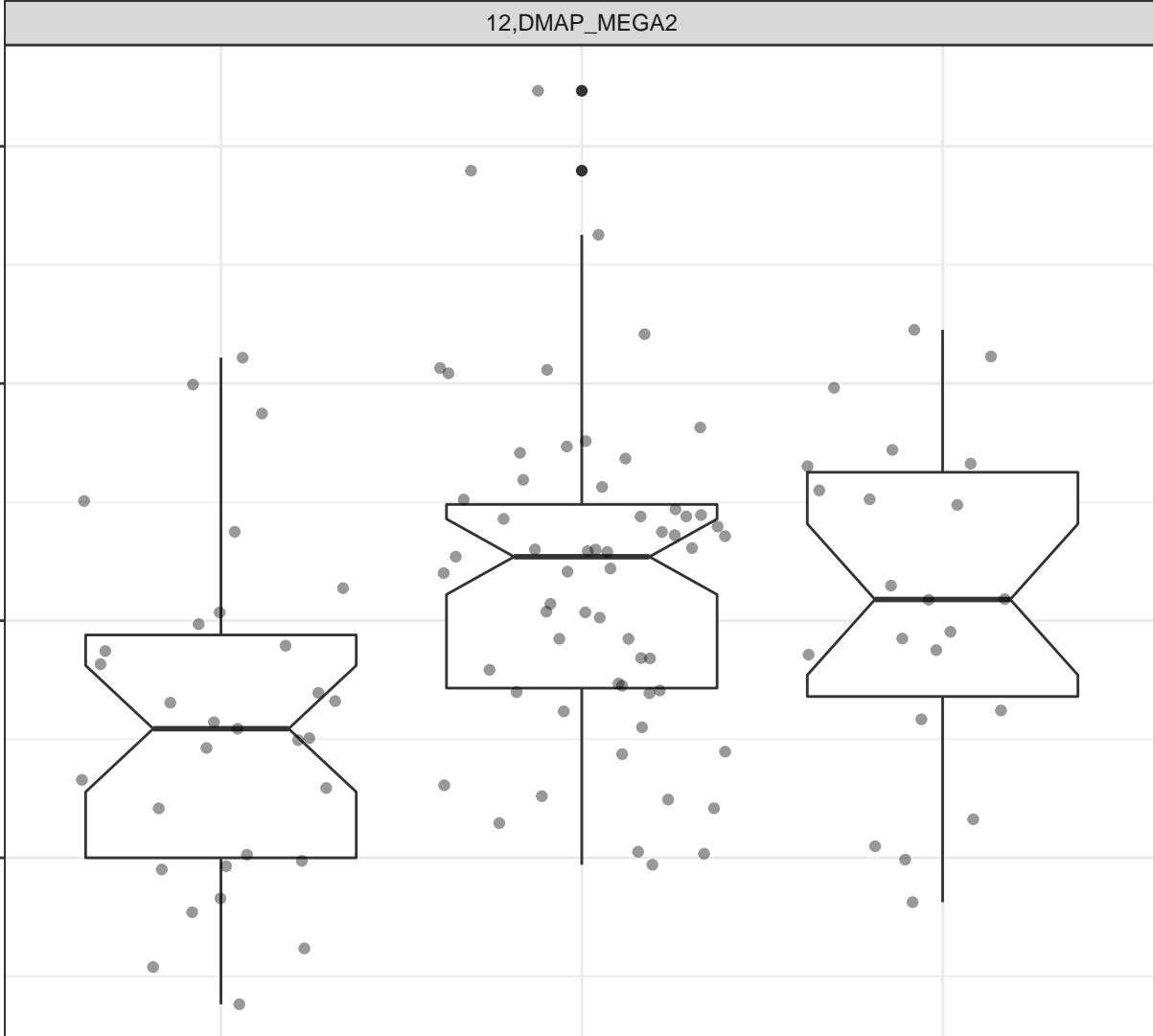
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



### 13,REACTOME\_GLUCOSE\_METABOLISM

Value

0.15

0.10

0.05

0.00

-0.05

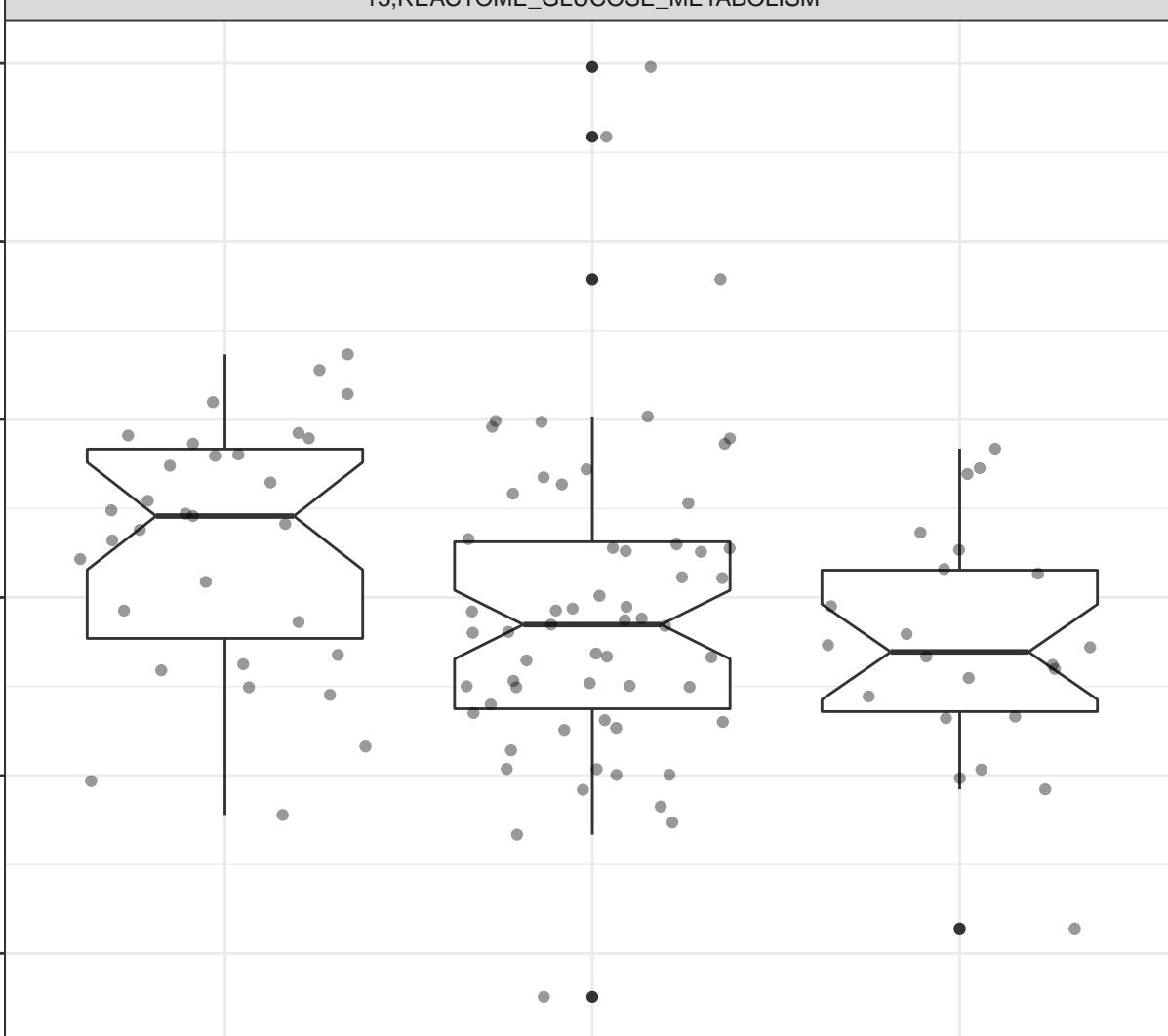
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## LV 14

Value

0.04

0.00

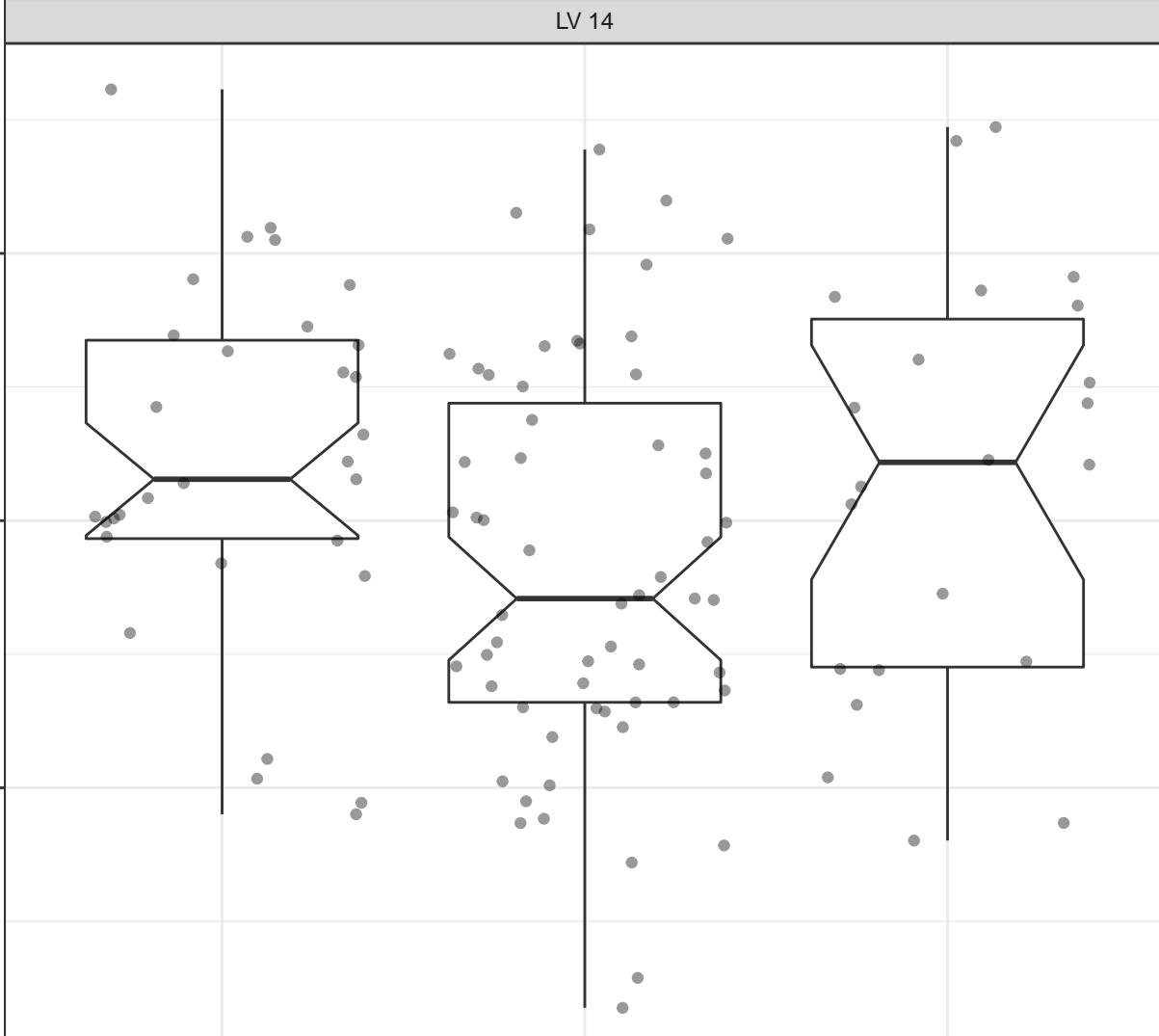
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## LV 15

Value

0.05

0.00

-0.05

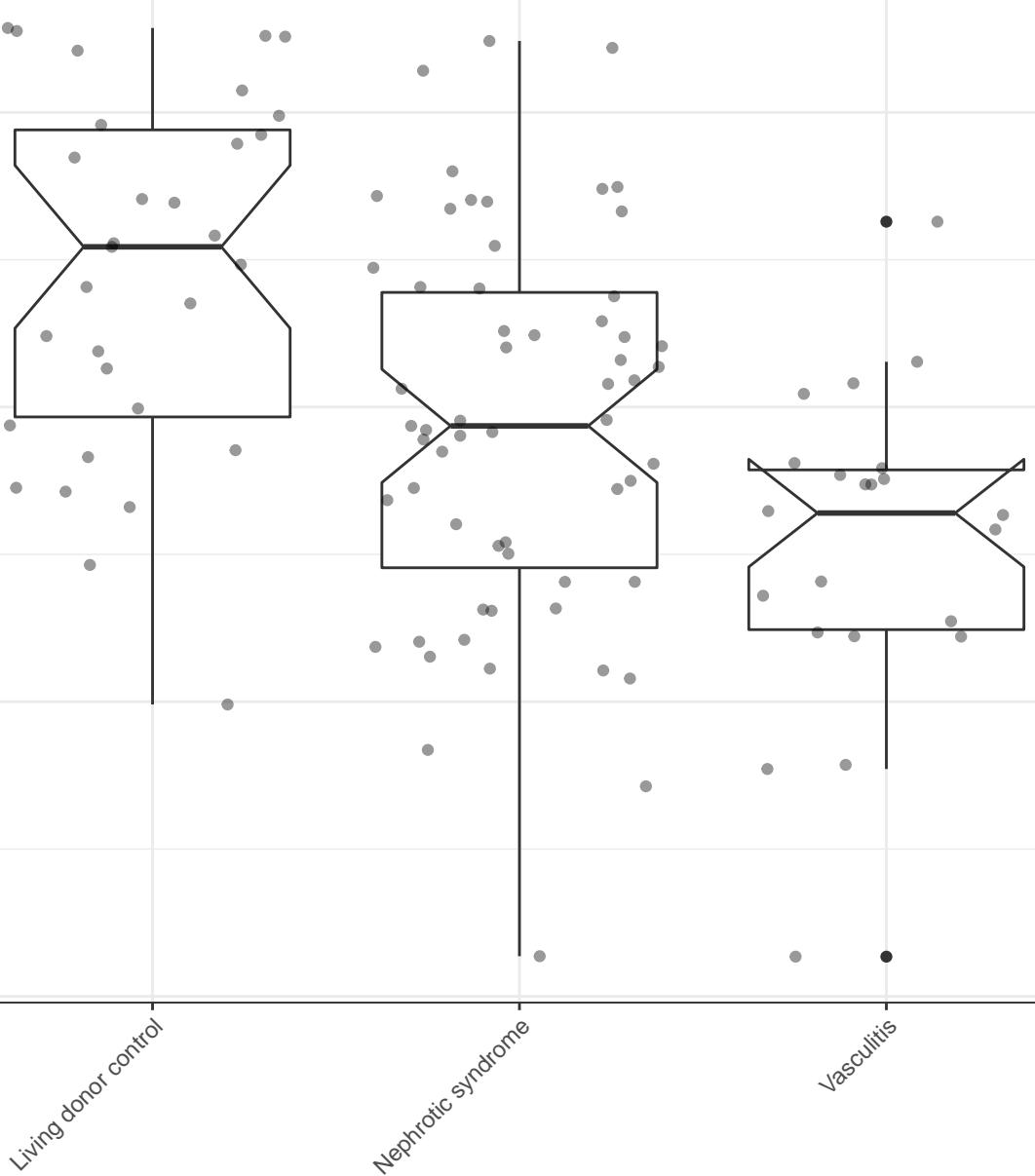
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## LV 16

Value

0.10

0.05

0.00

-0.05

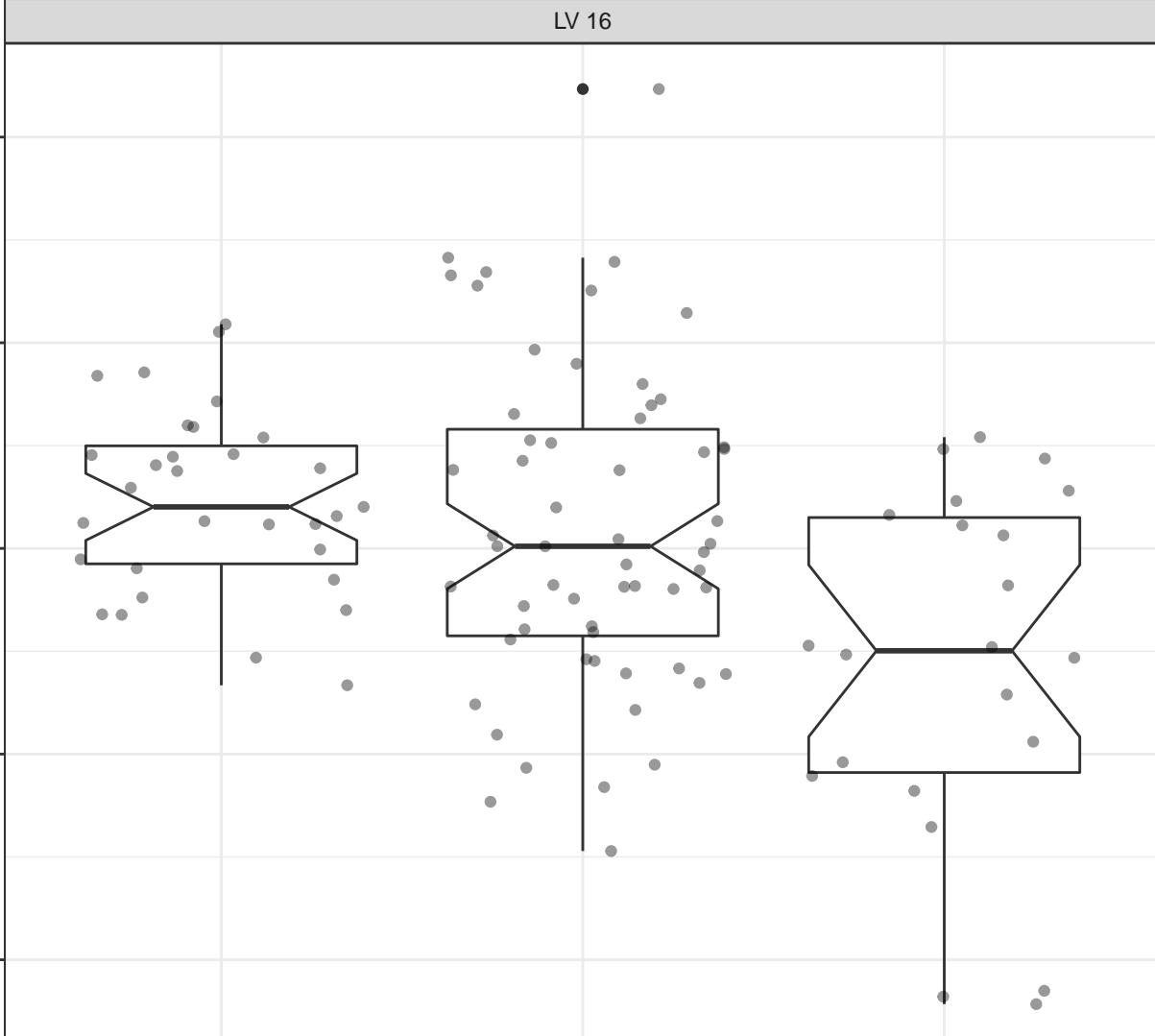
-0.10

Living donor control

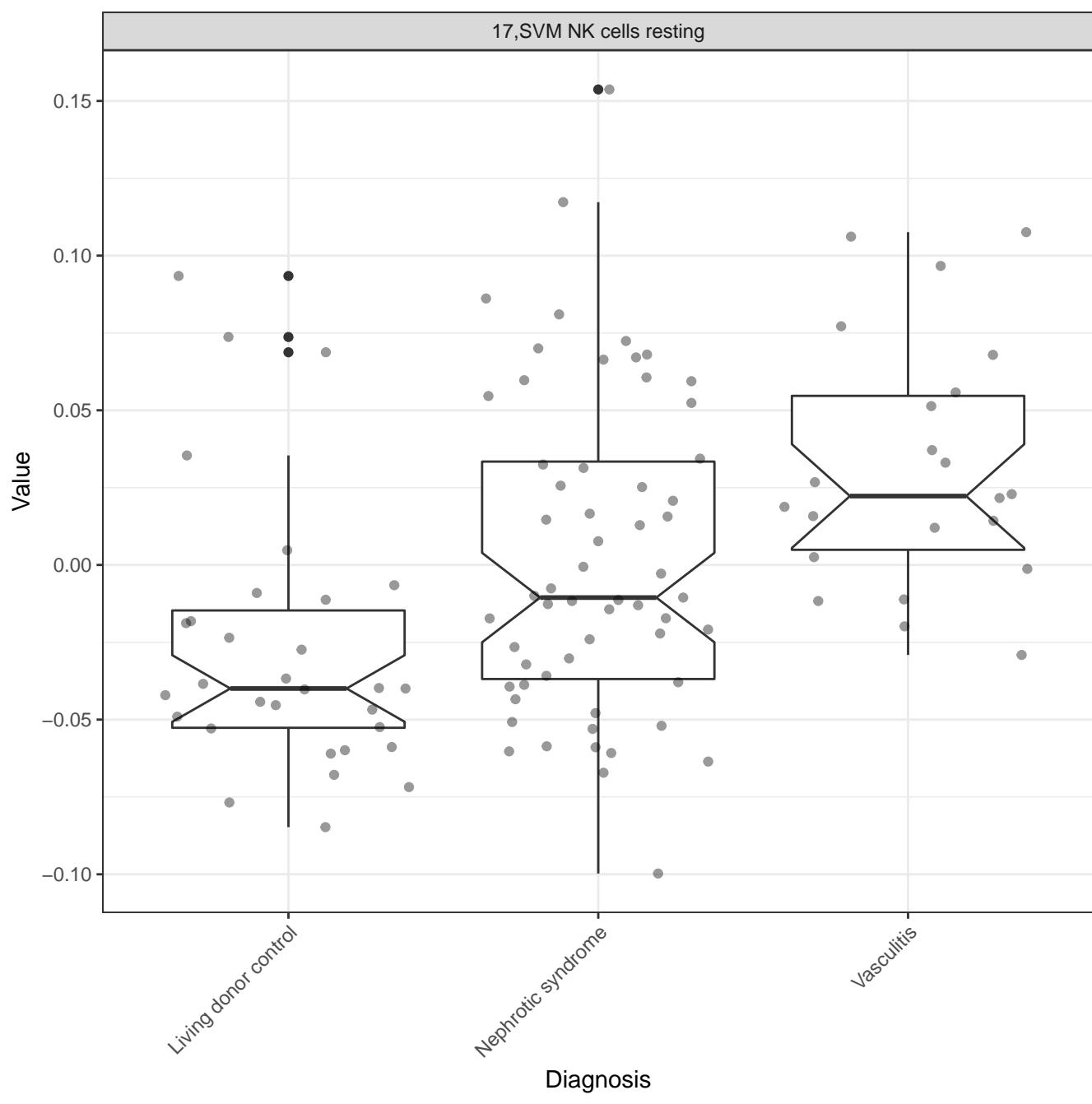
Nephrotic syndrome

Vasculitis

Diagnosis



### 17,SVM NK cells resting



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

Value

0.2

0.1

0.0

-0.1

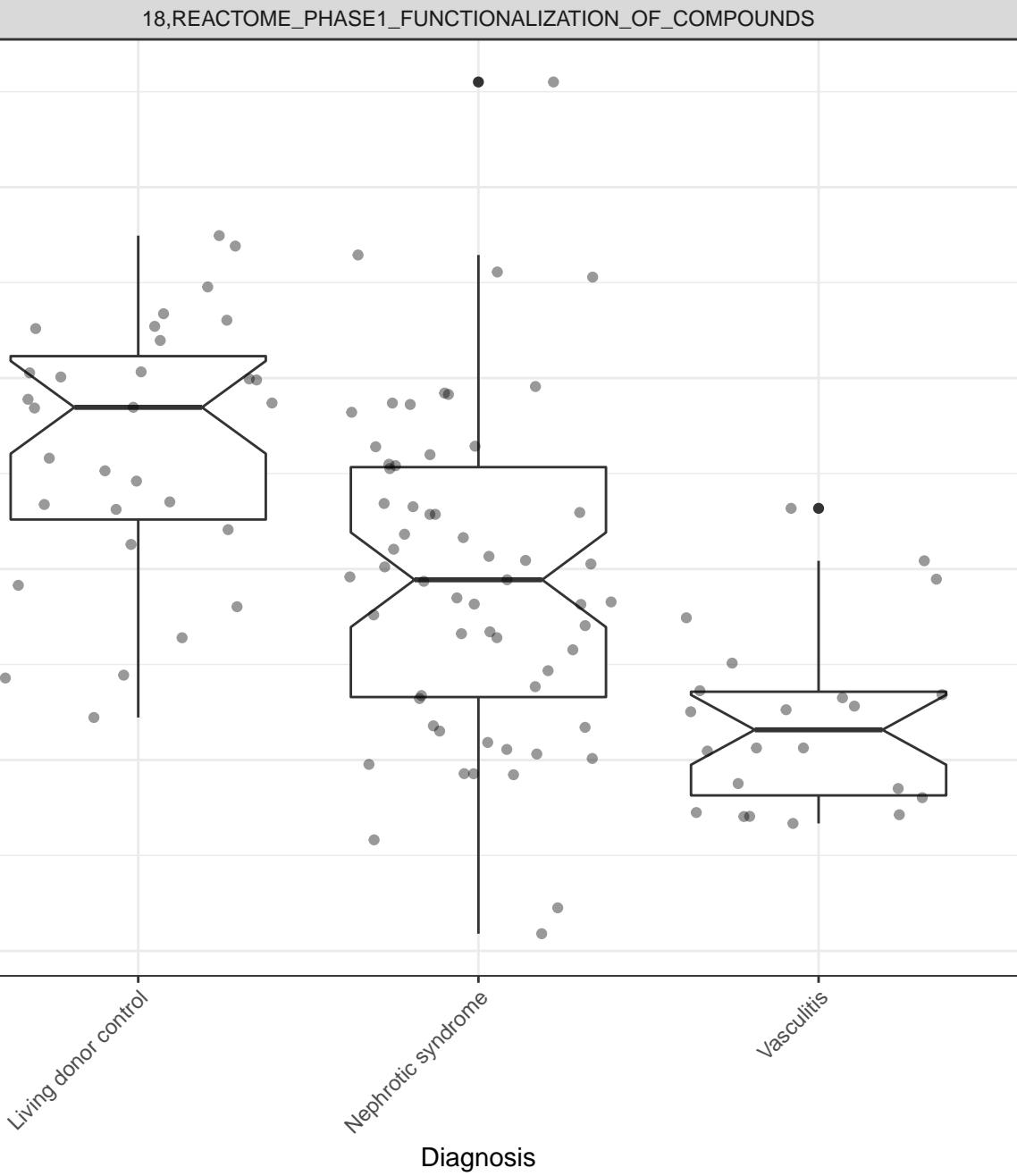
-0.2

Living donor control

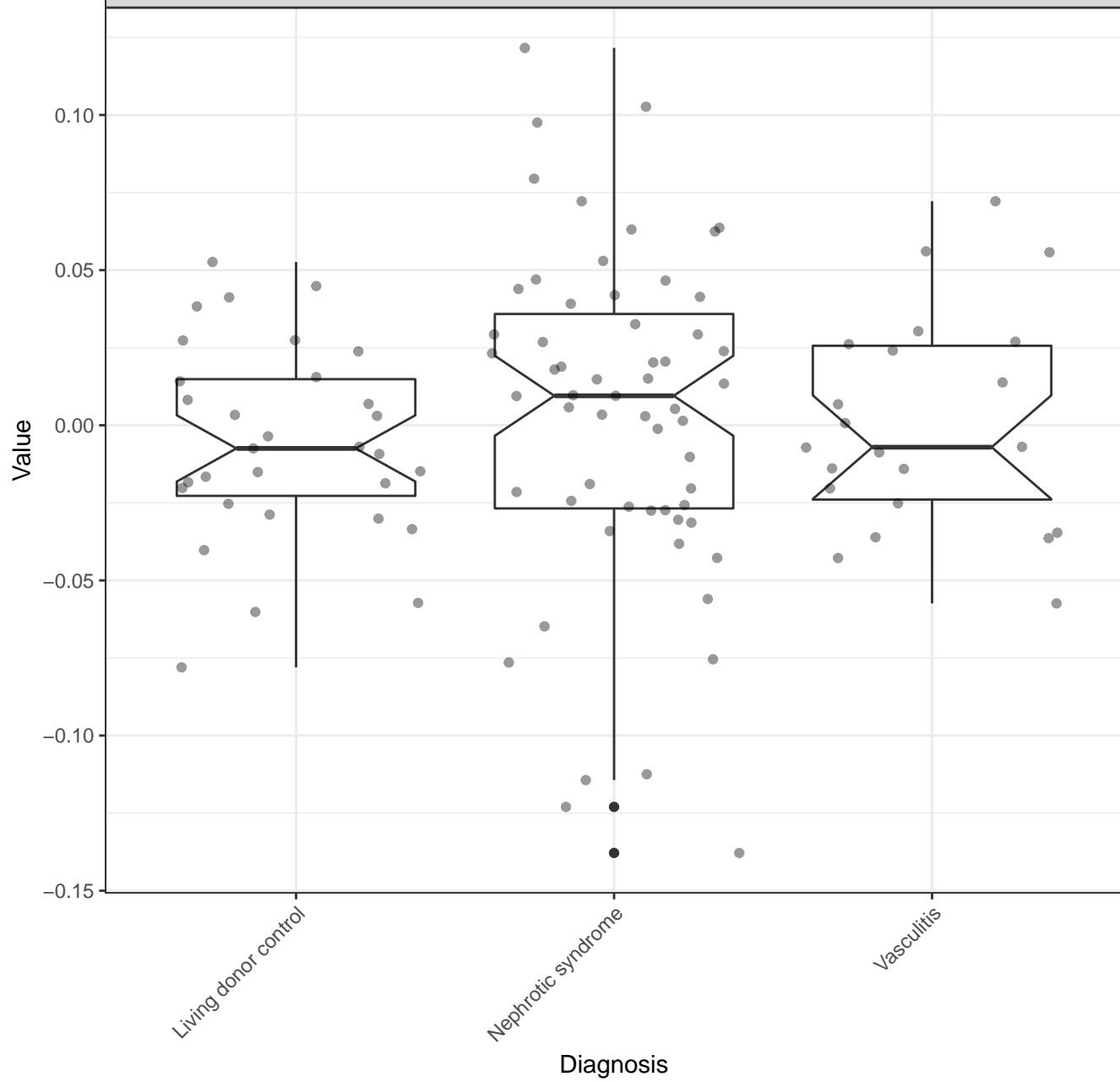
Nephrotic syndrome

Vasculitis

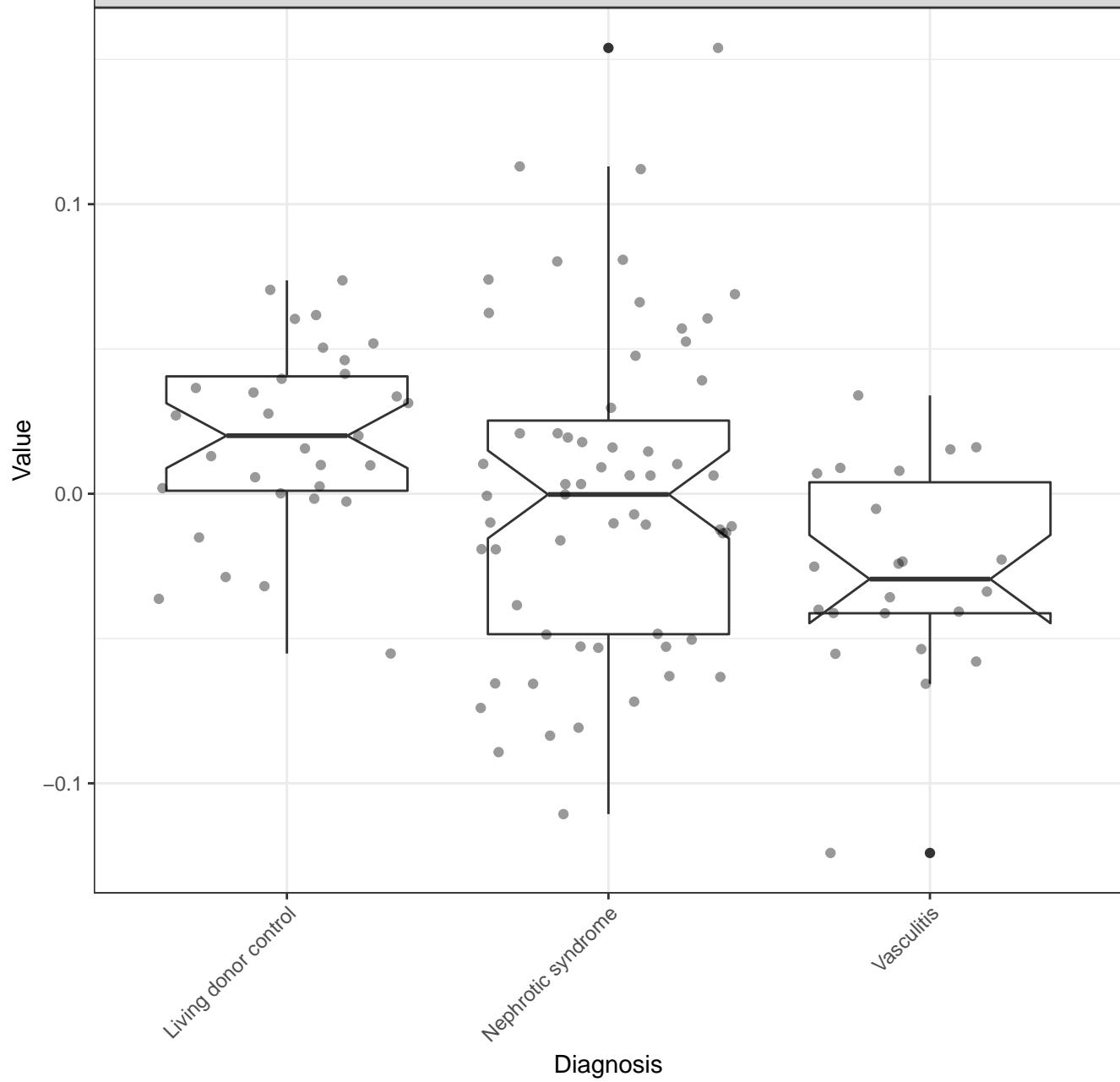
Diagnosis



## LV 19



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



Value

0.2

0.1

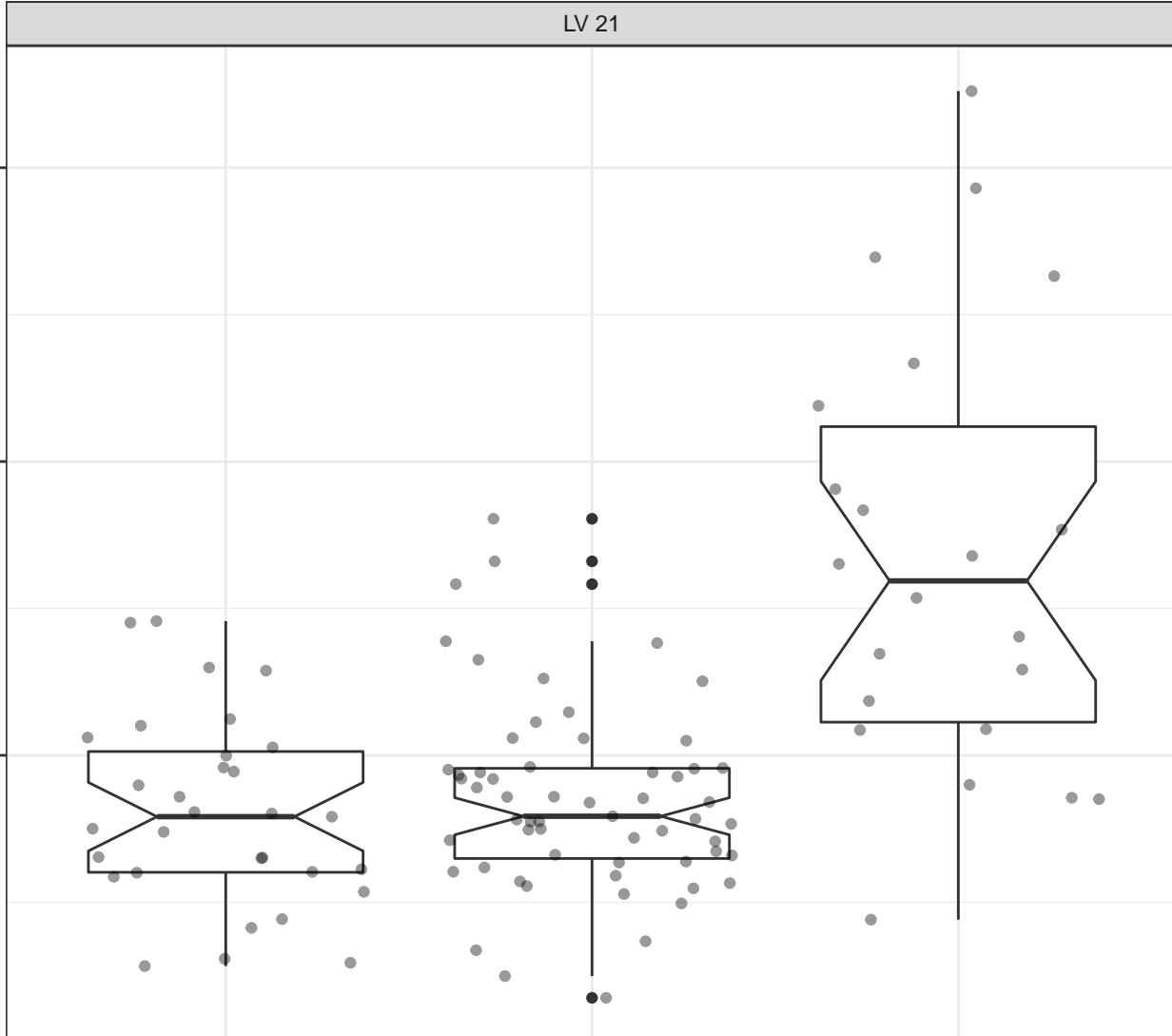
0.0

Living donor control

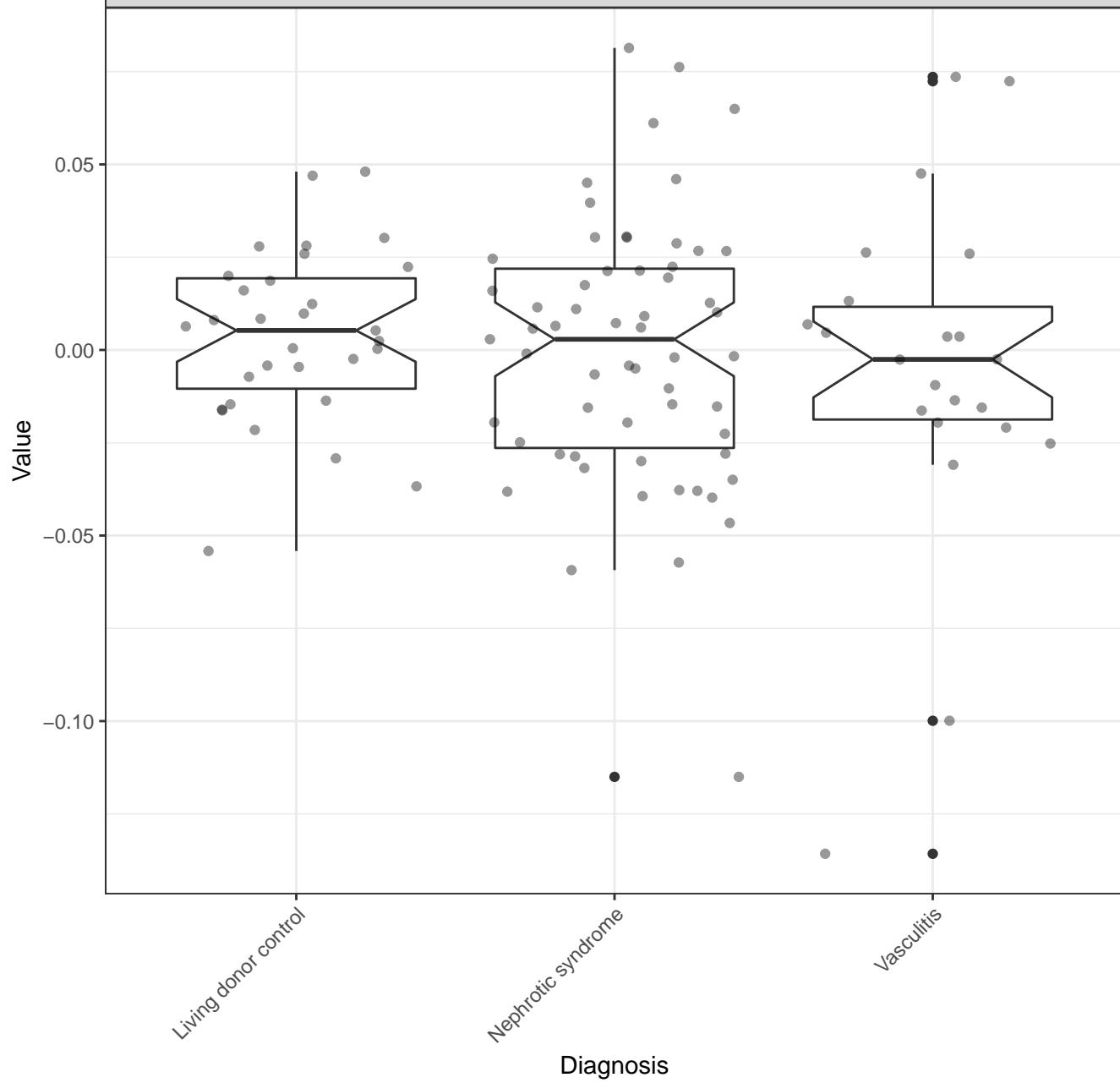
Nephrotic syndrome

Vasculitis

Diagnosis



## 22,KEGG\_PPAR\_SIGNALING\_PATHWAY



Value

0.1

0.0

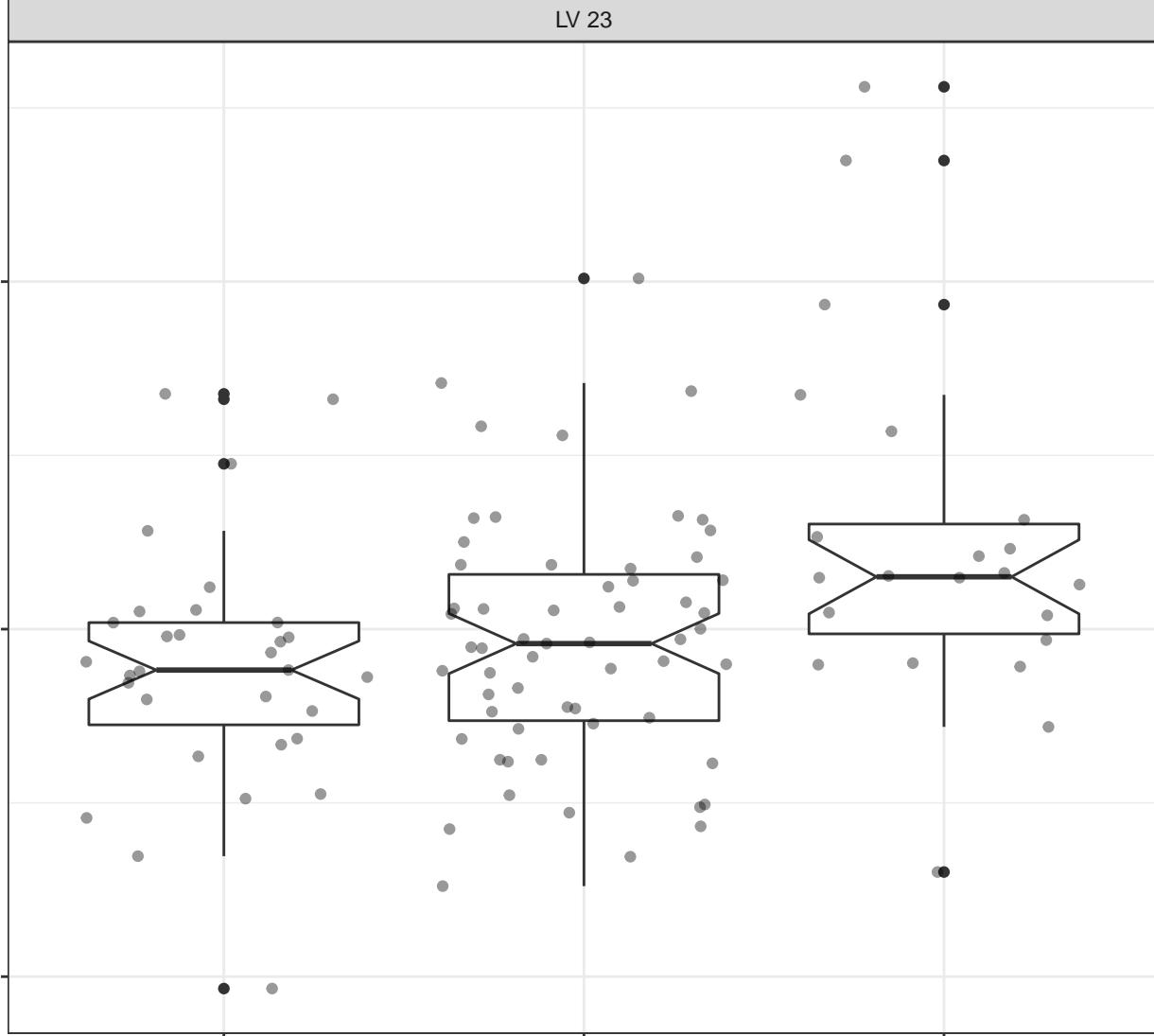
-0.1

Living donor control

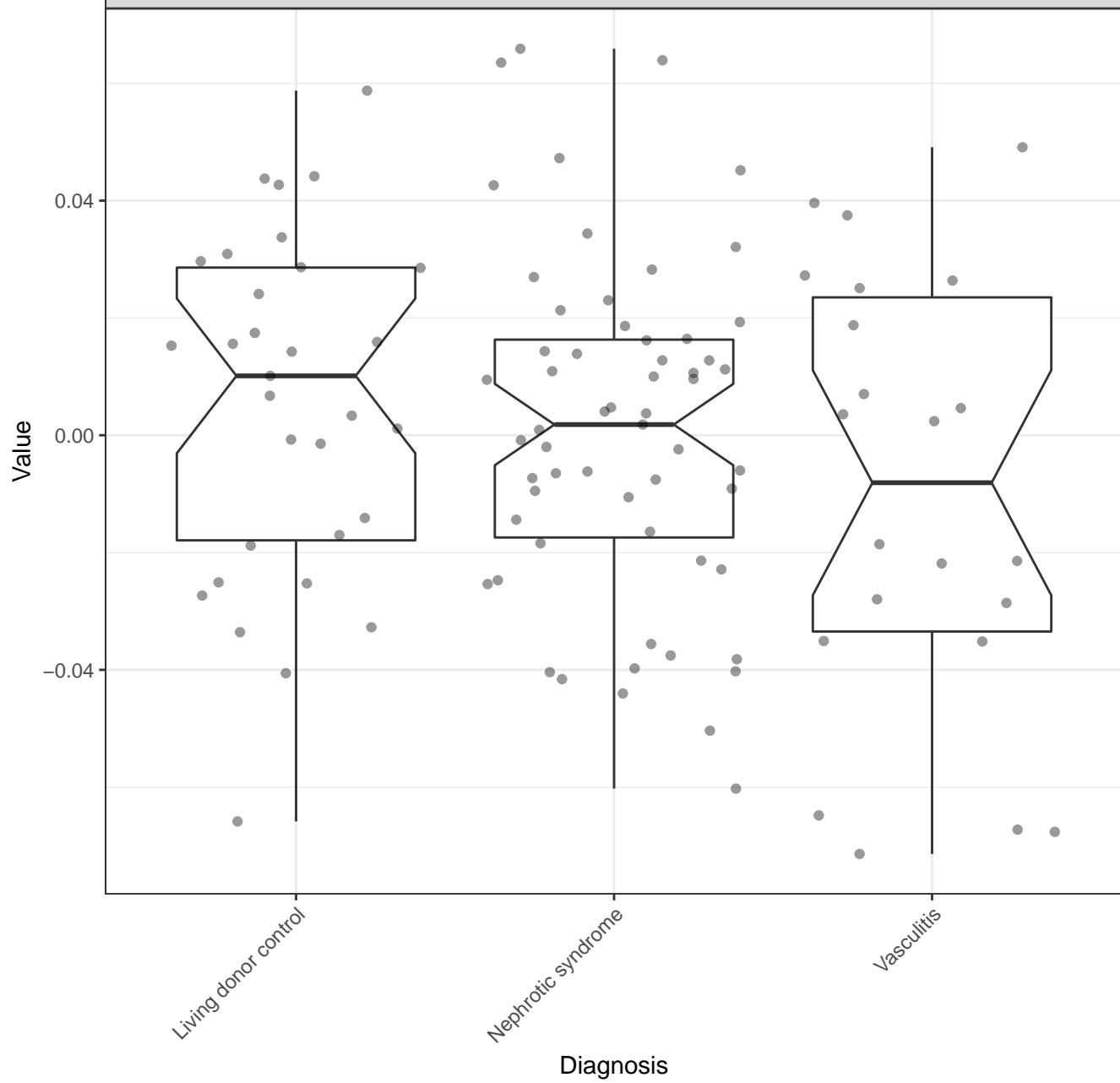
Nephrotic syndrome

Vasculitis

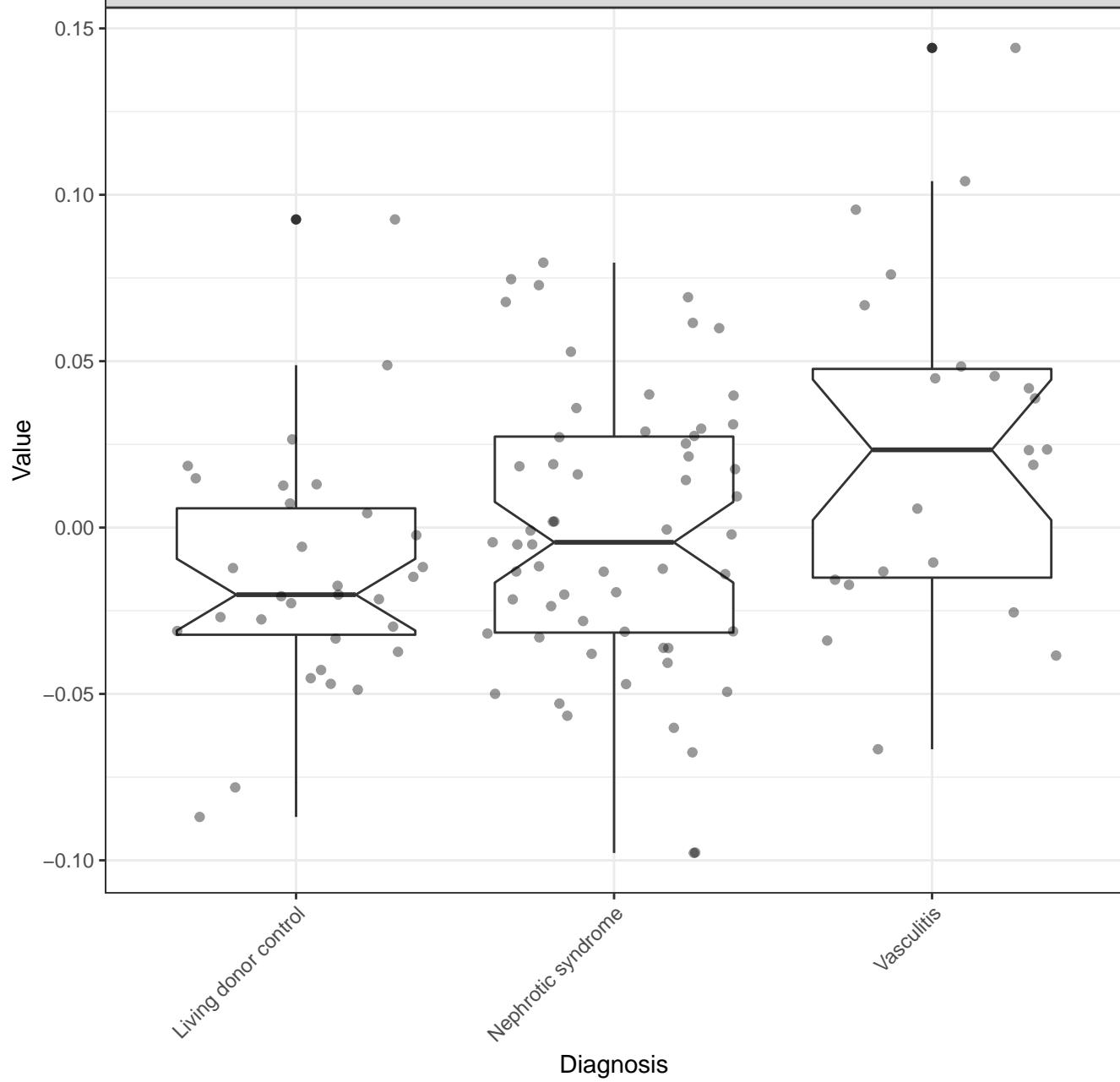
Diagnosis



## 24,PID\_DELTANP63PATHWAY



### 25,SVM Macrophages M1



### 26,SVM Macrophages M2

Value

0.15

0.10

0.05

0.00

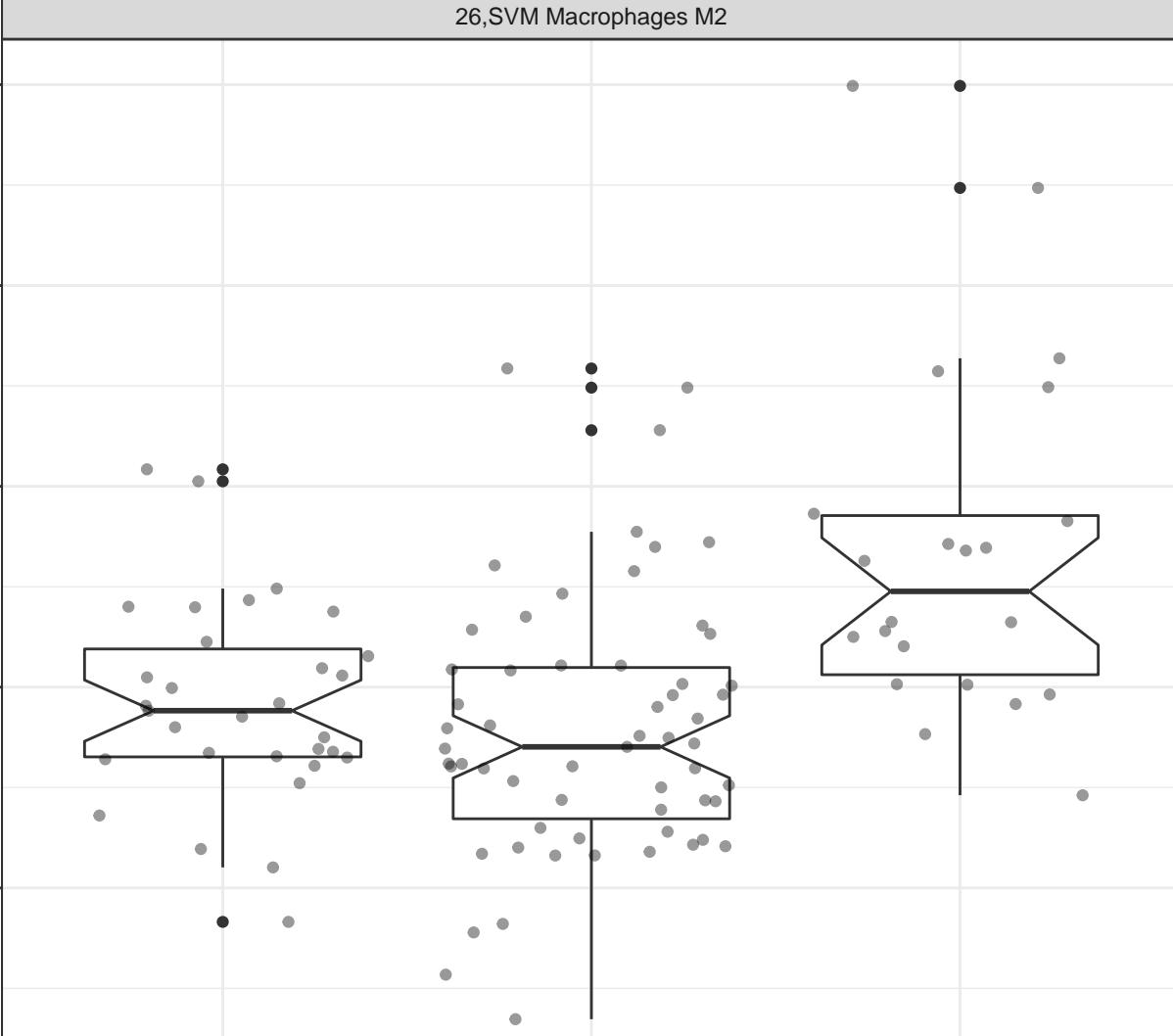
-0.05

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

LV 28

Value

0.05

0.00

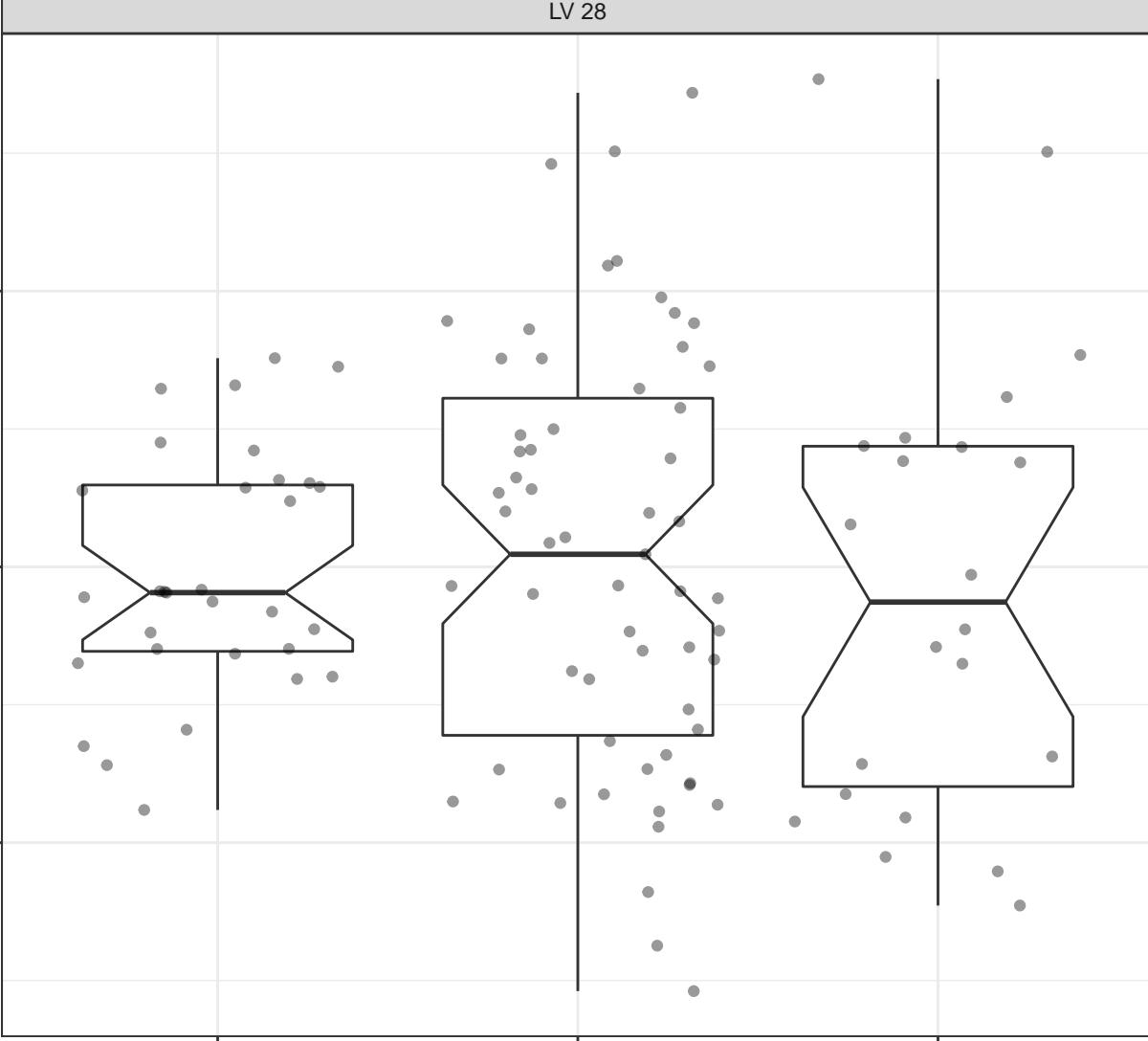
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

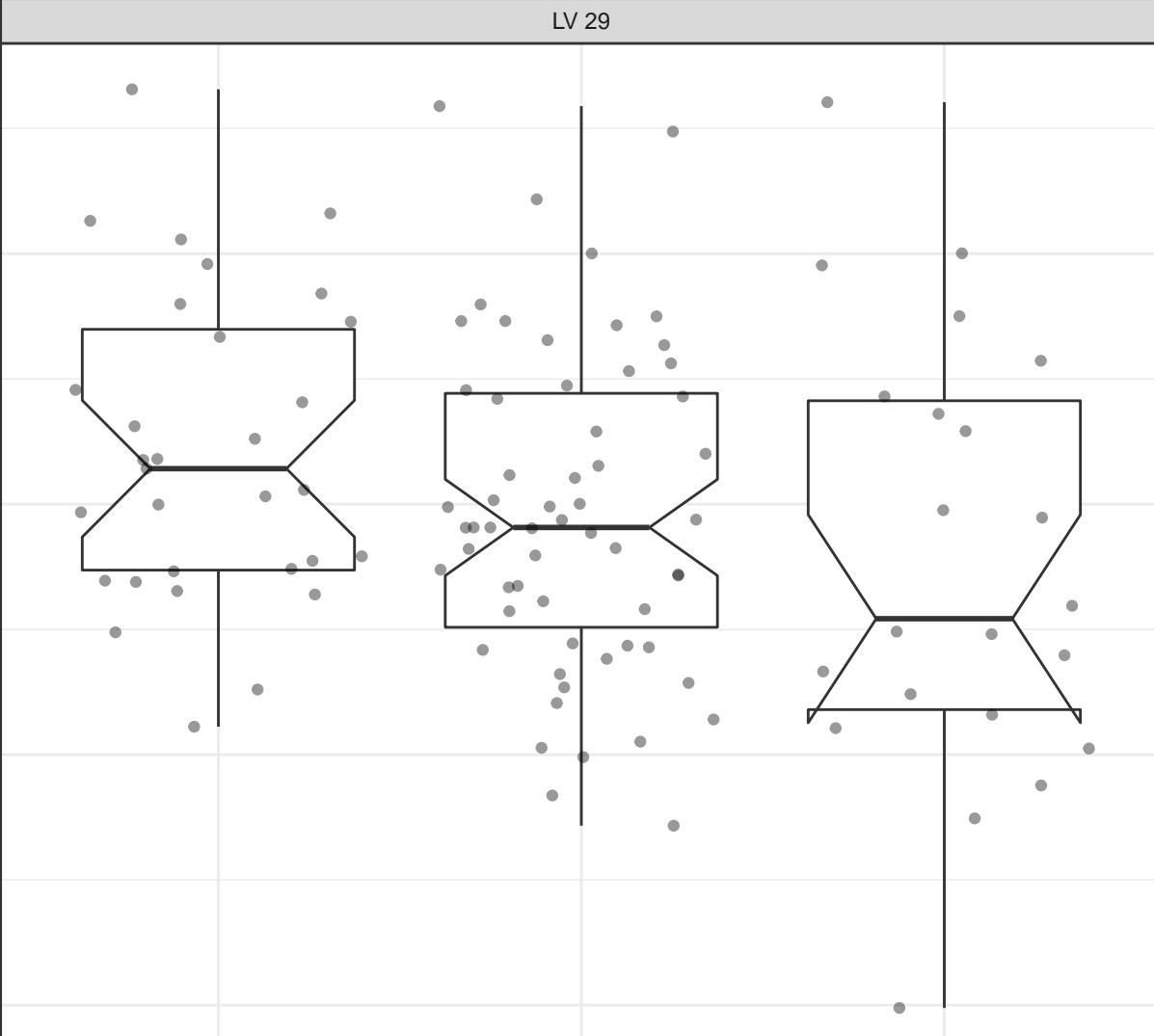
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 30,DMAP\_ERY3

Value

0.05

0.00

-0.05

-0.10

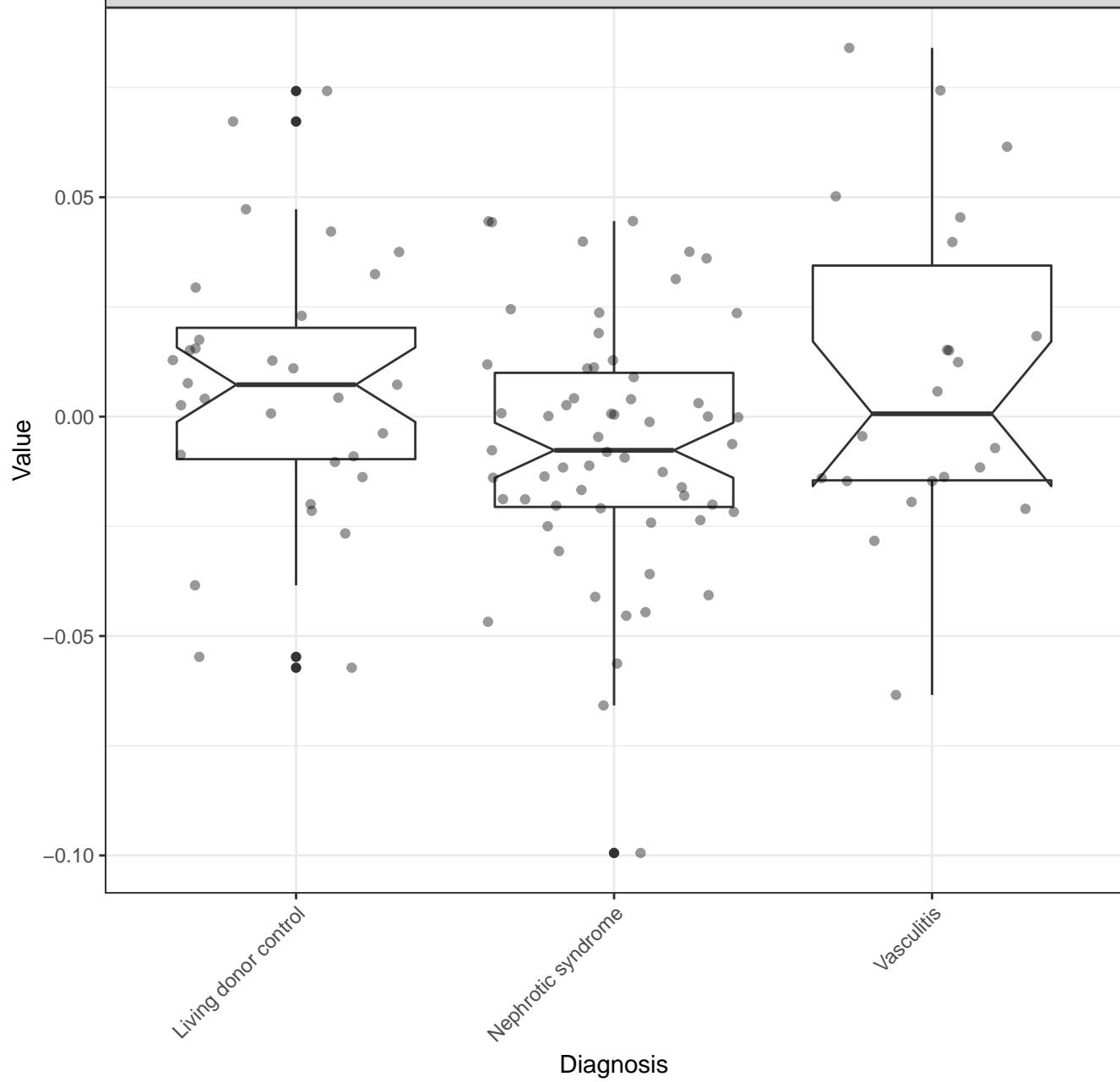
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

## 31,SVM B cells naive



LV 32

Value

0.10

0.05

0.00

-0.05

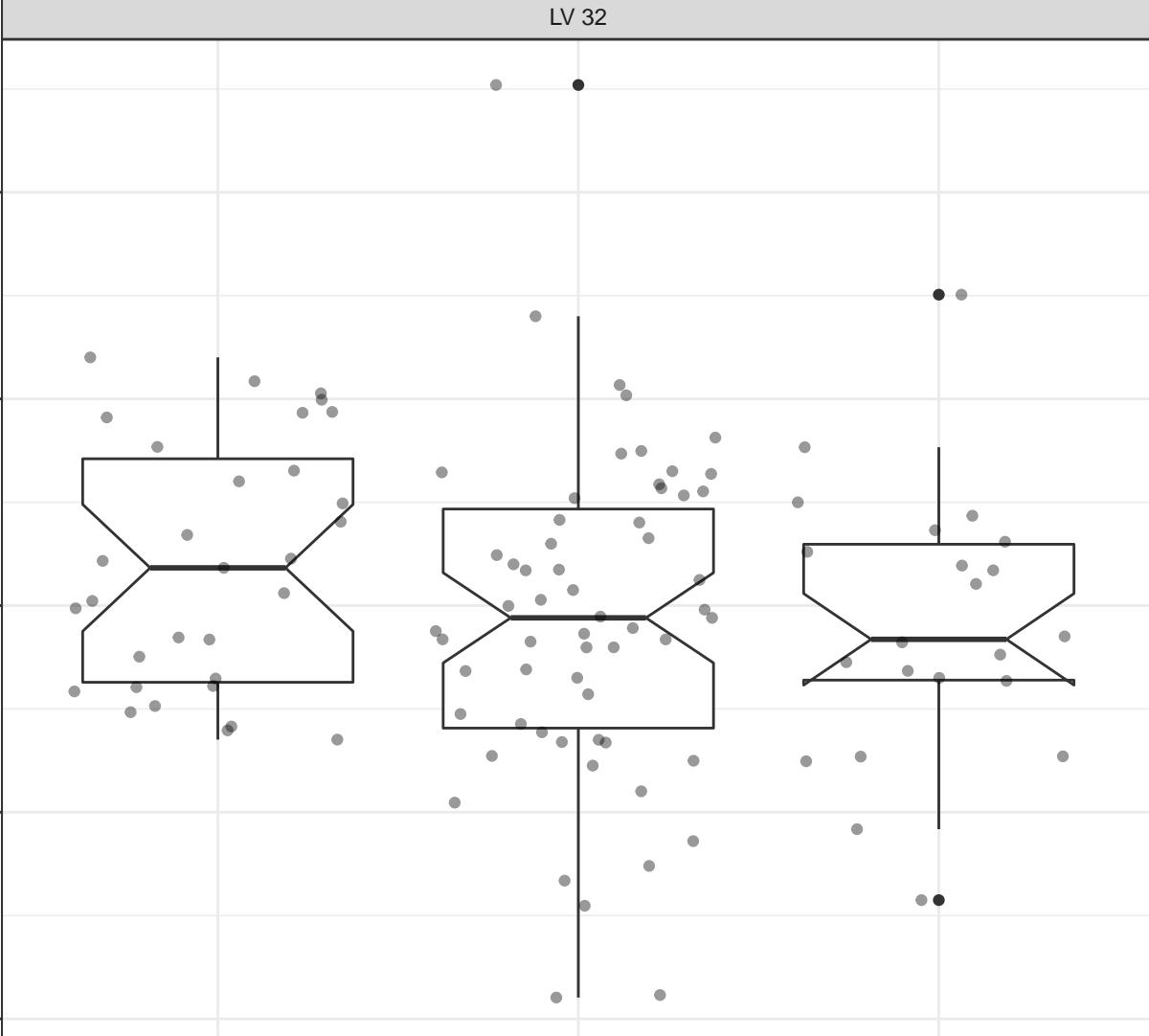
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## LV 33

Value

0.04

0.01

-0.04

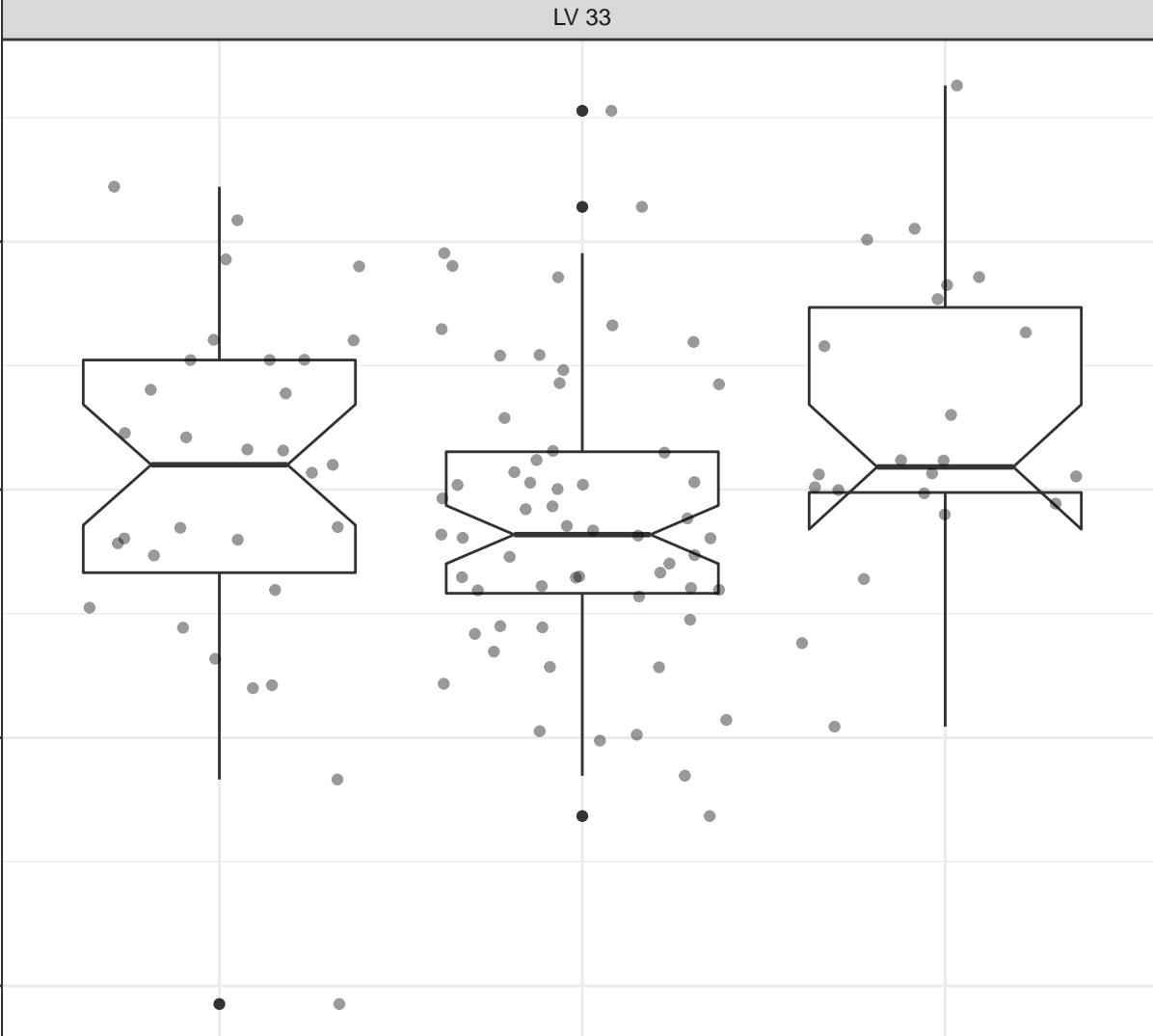
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## LV 34

Value

0.10

0.05

0.00

-0.05

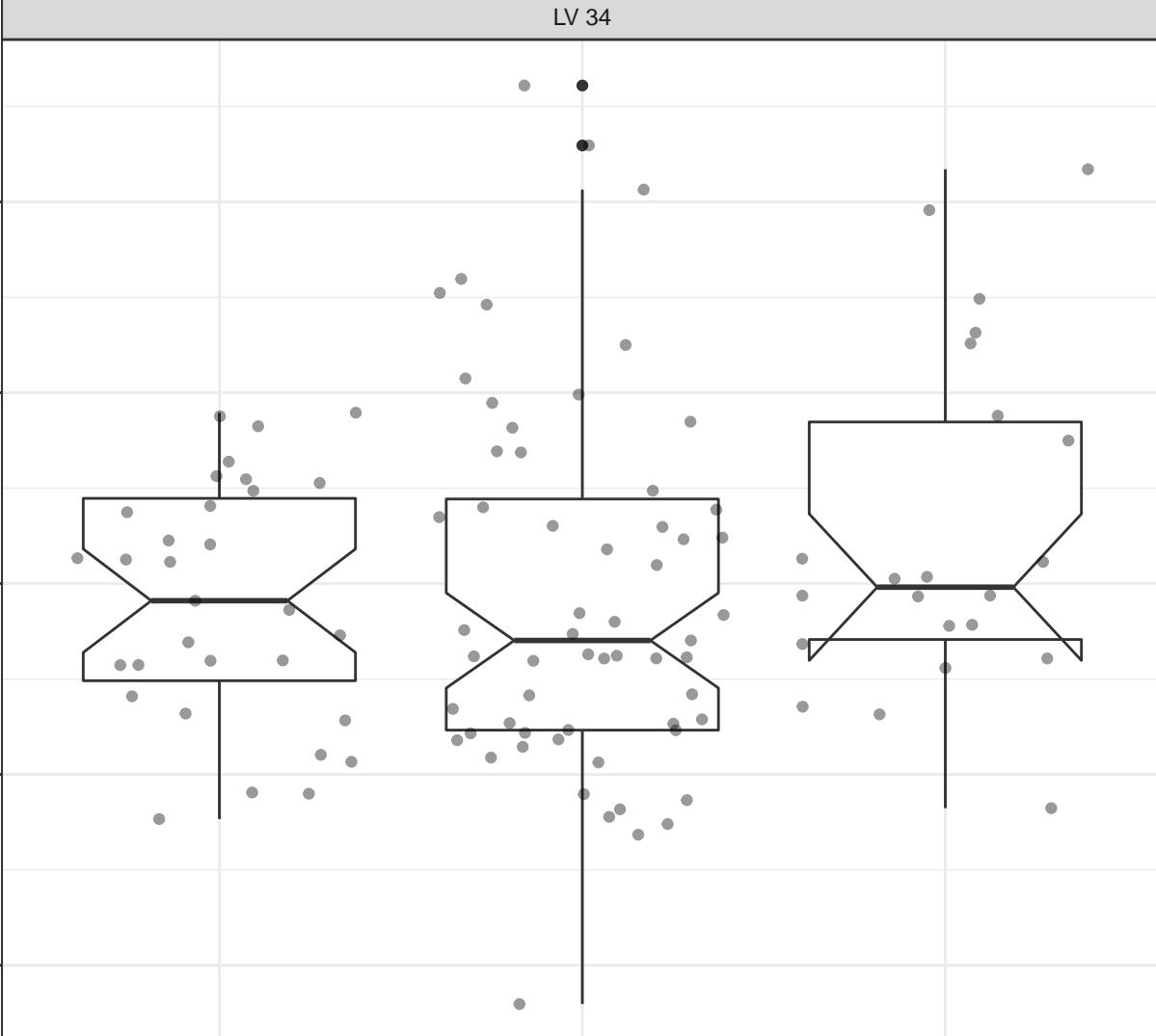
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

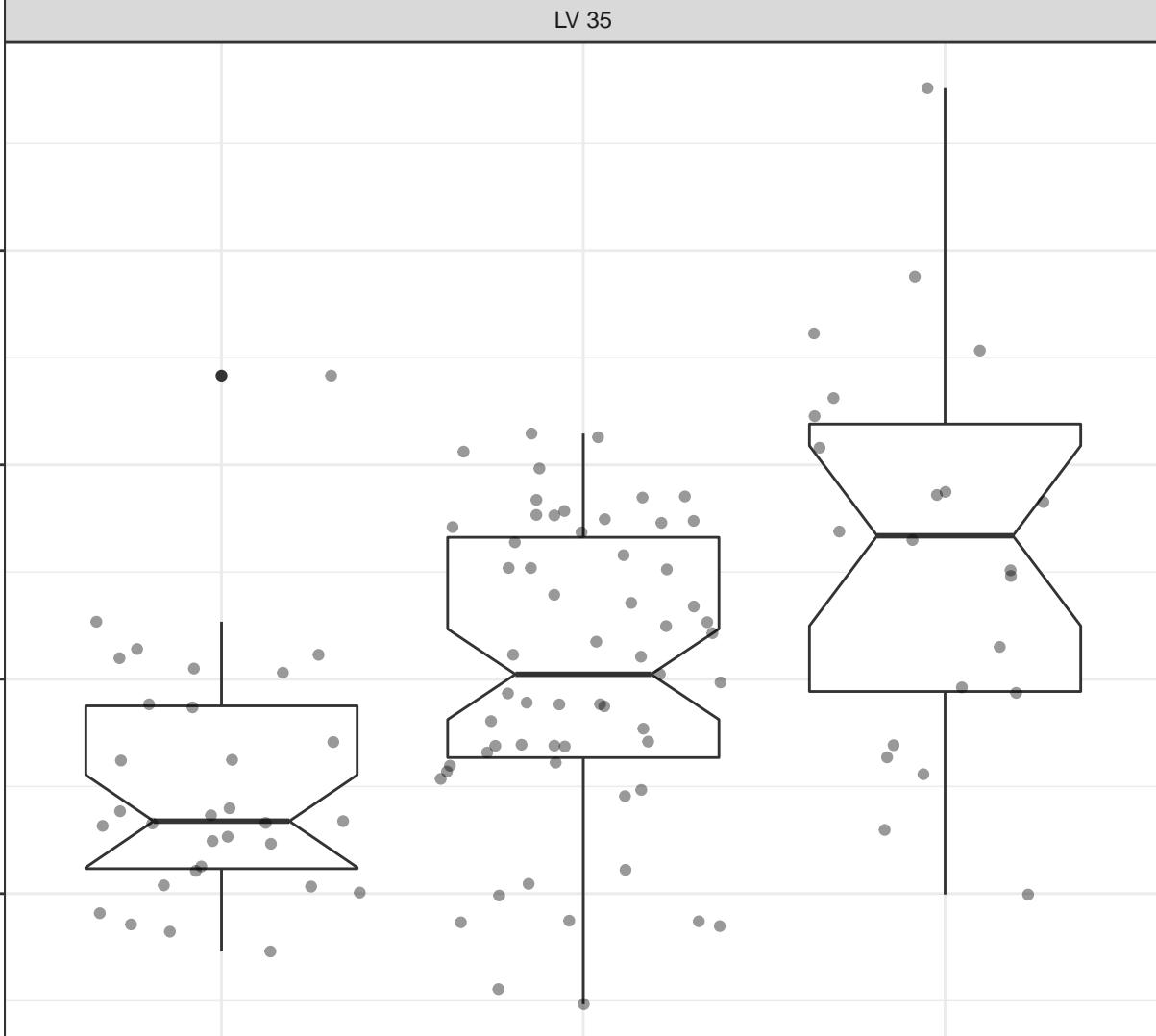
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## LV 36

Value

0.05

0.00

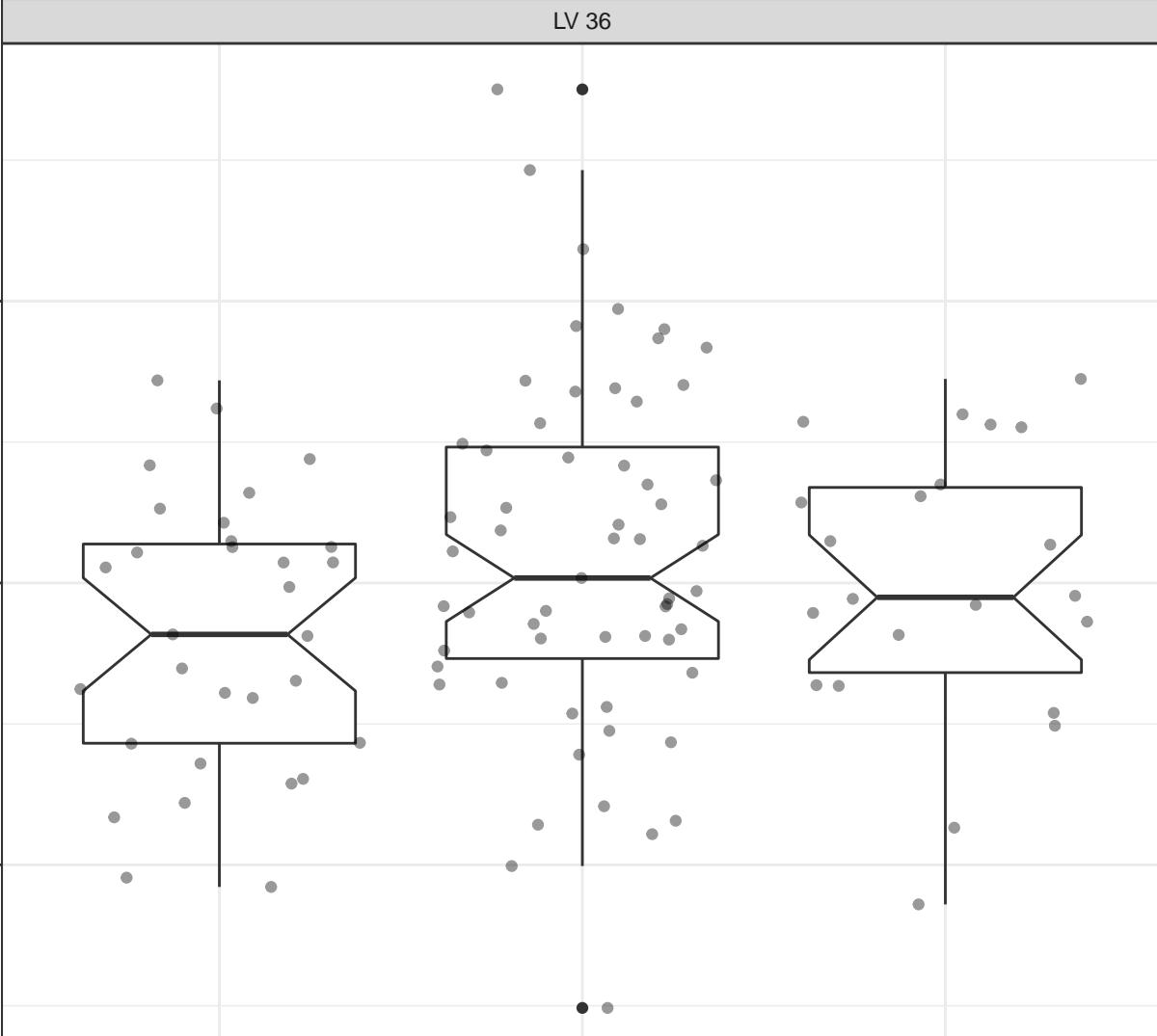
-0.05

Living donor control

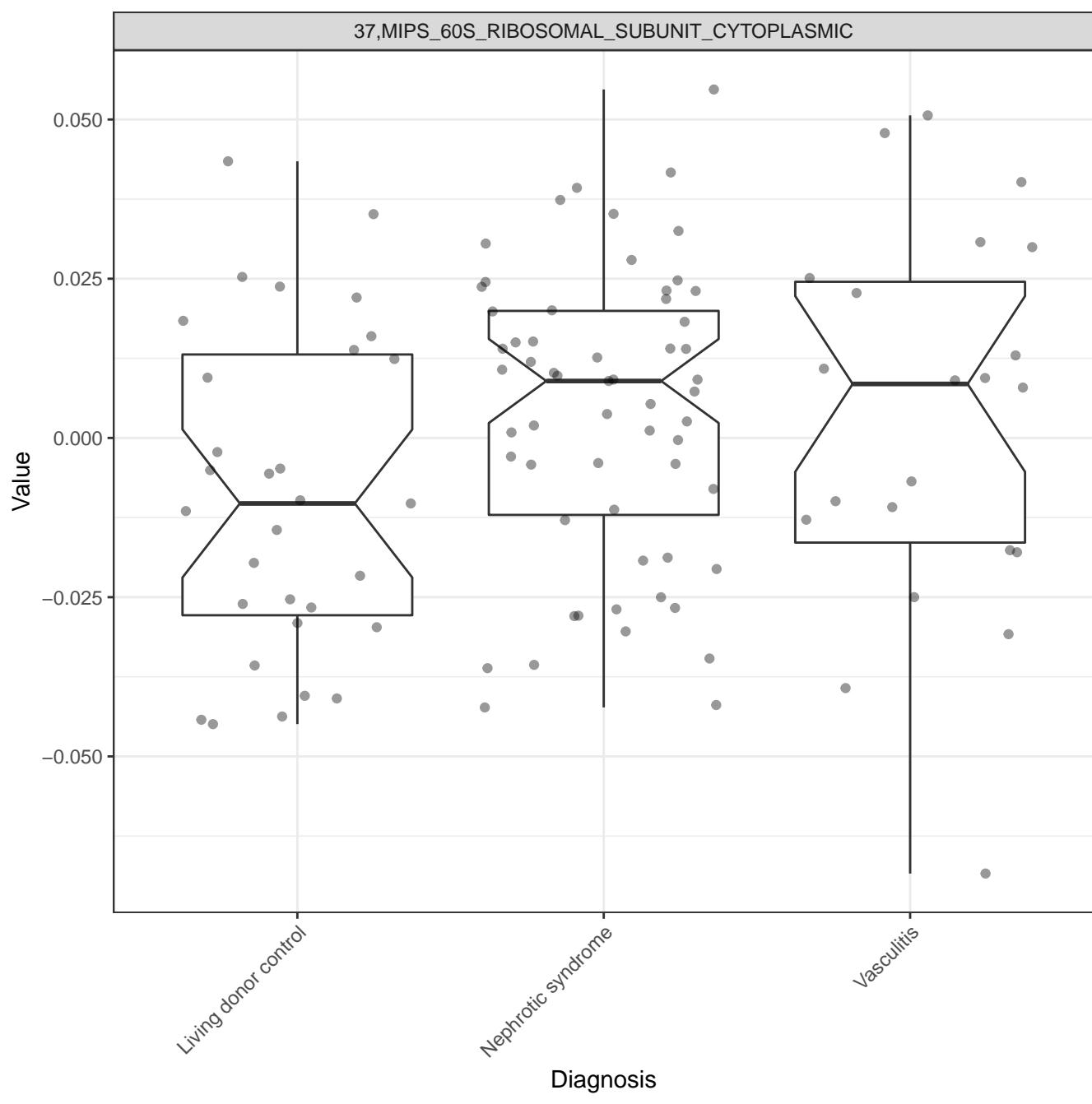
Nephrotic syndrome

Vasculitis

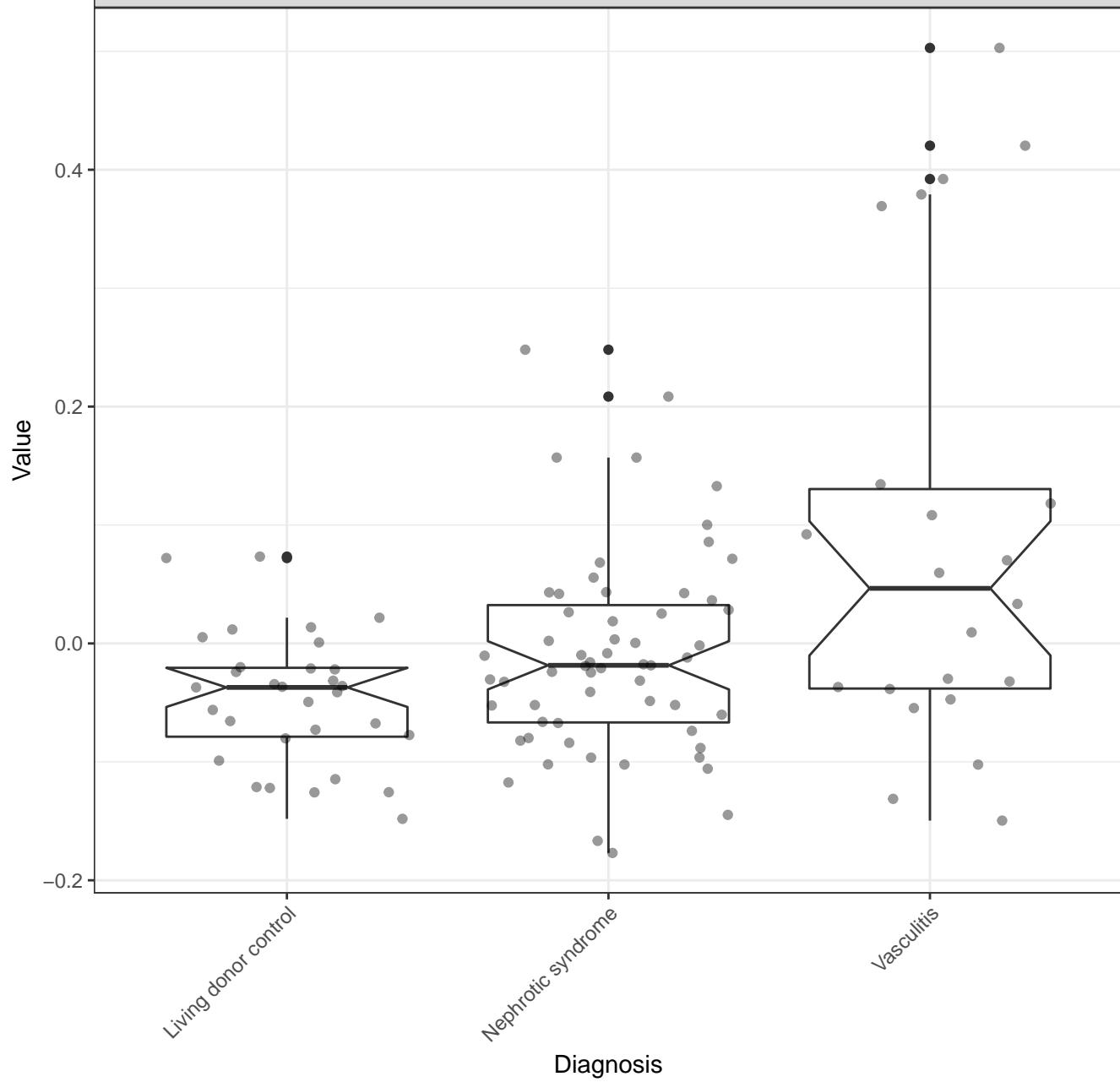
Diagnosis



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



## 38,PID\_PLK1\_PATHWAY



### 39,SVM Dendritic cells resting

Value

0.2

0.1

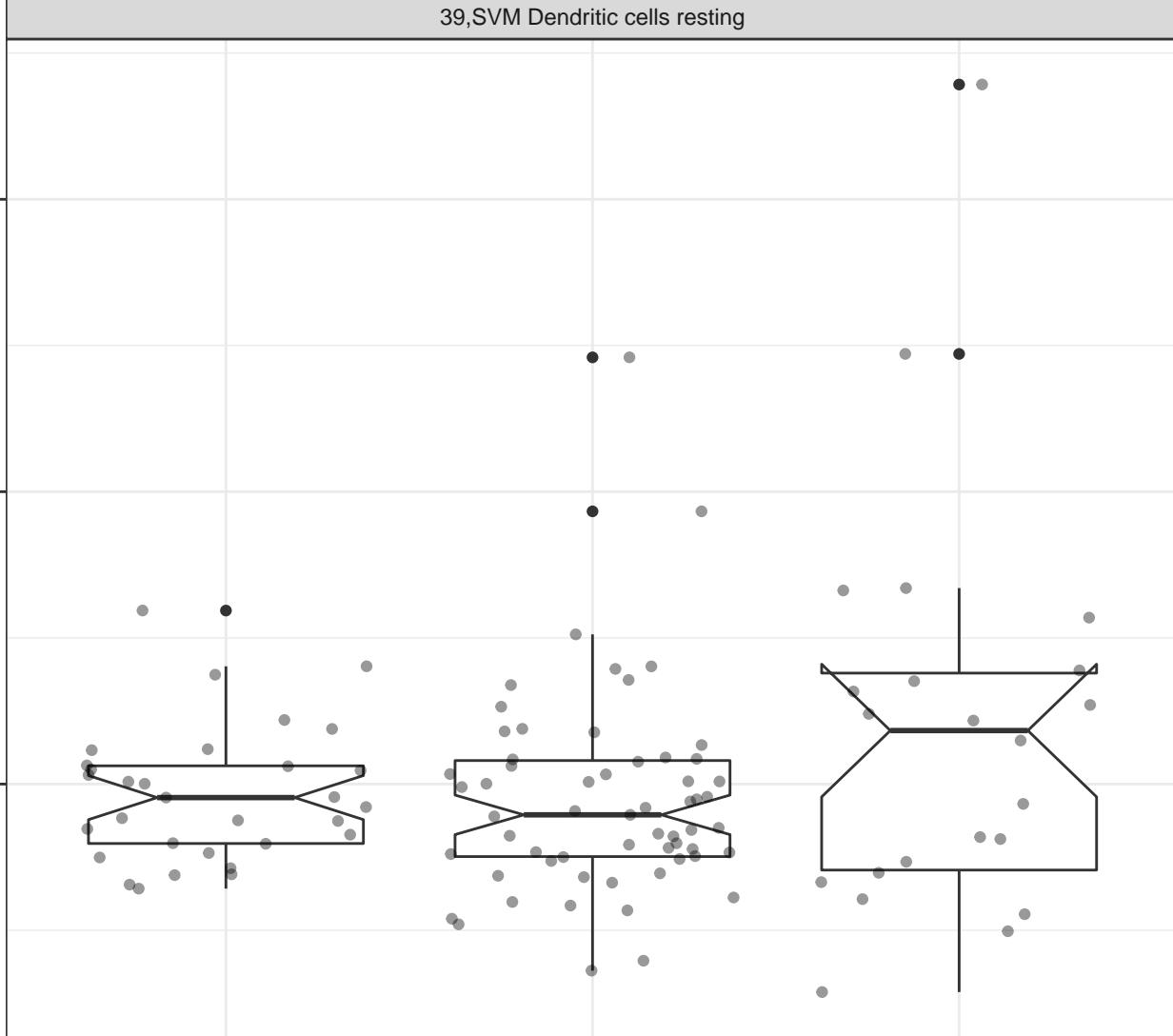
0.0

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 40

Value

0.10

0.05

0.00

-0.05

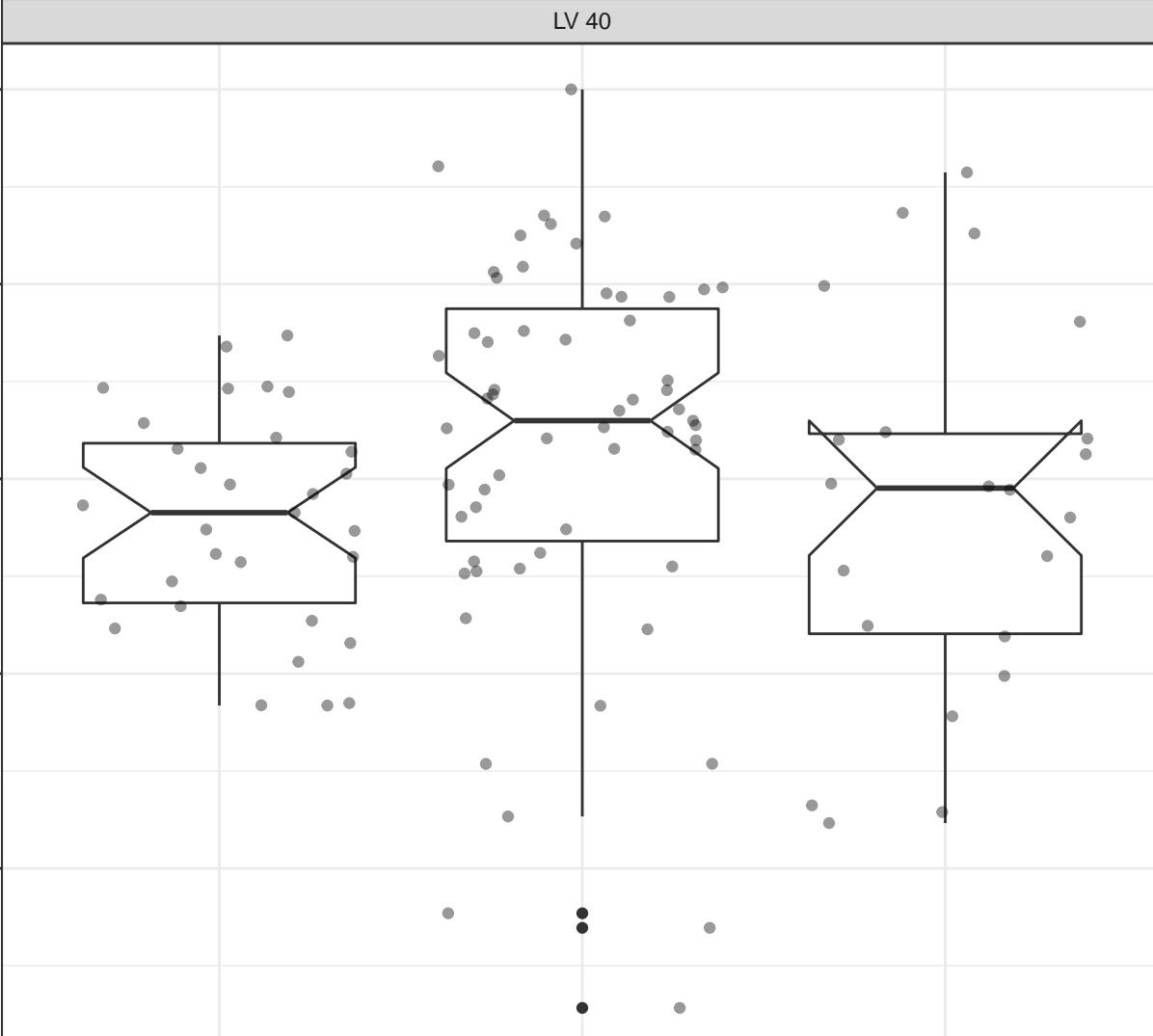
-0.10

Living donor control

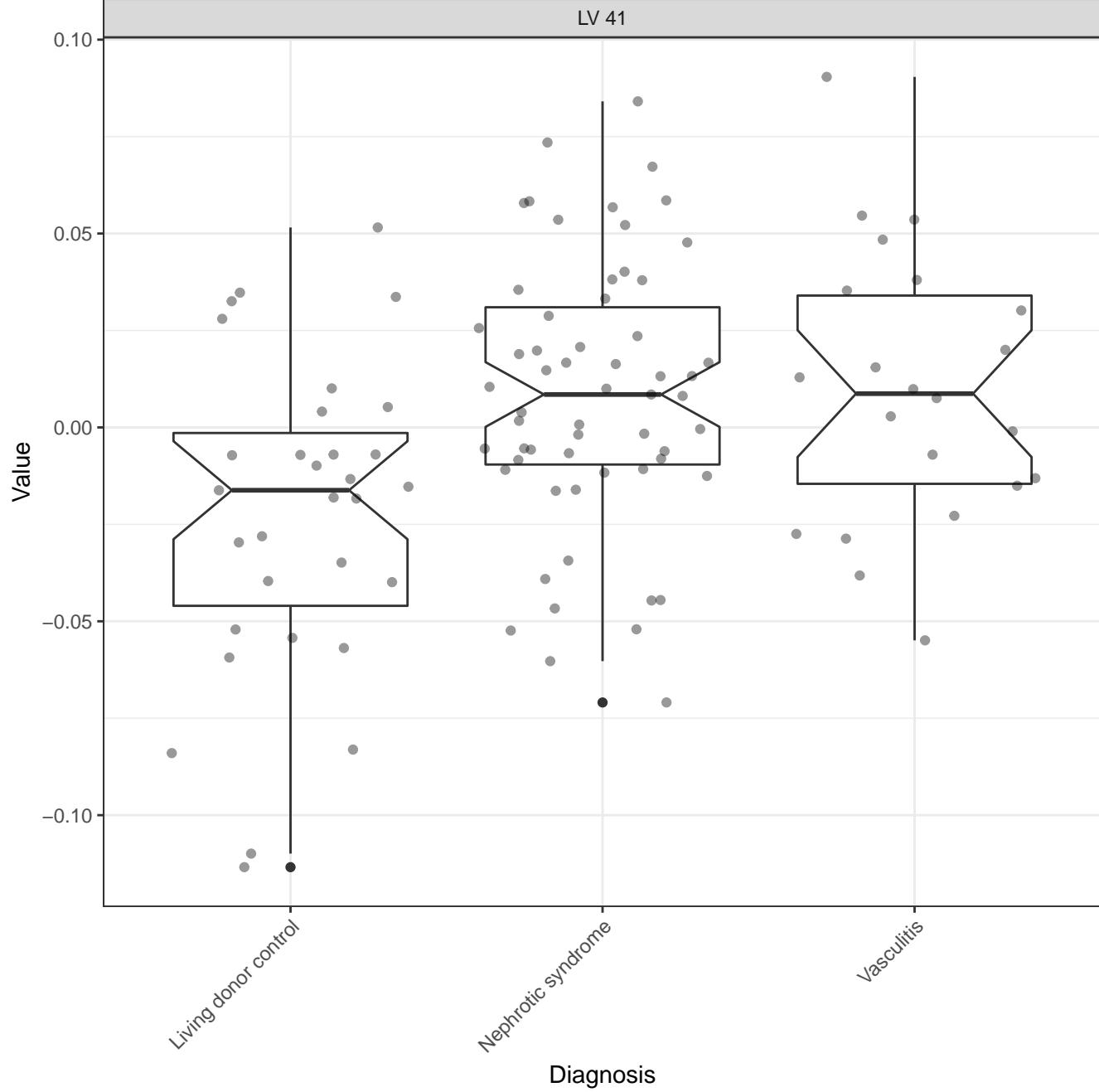
Nephrotic syndrome

Vasculitis

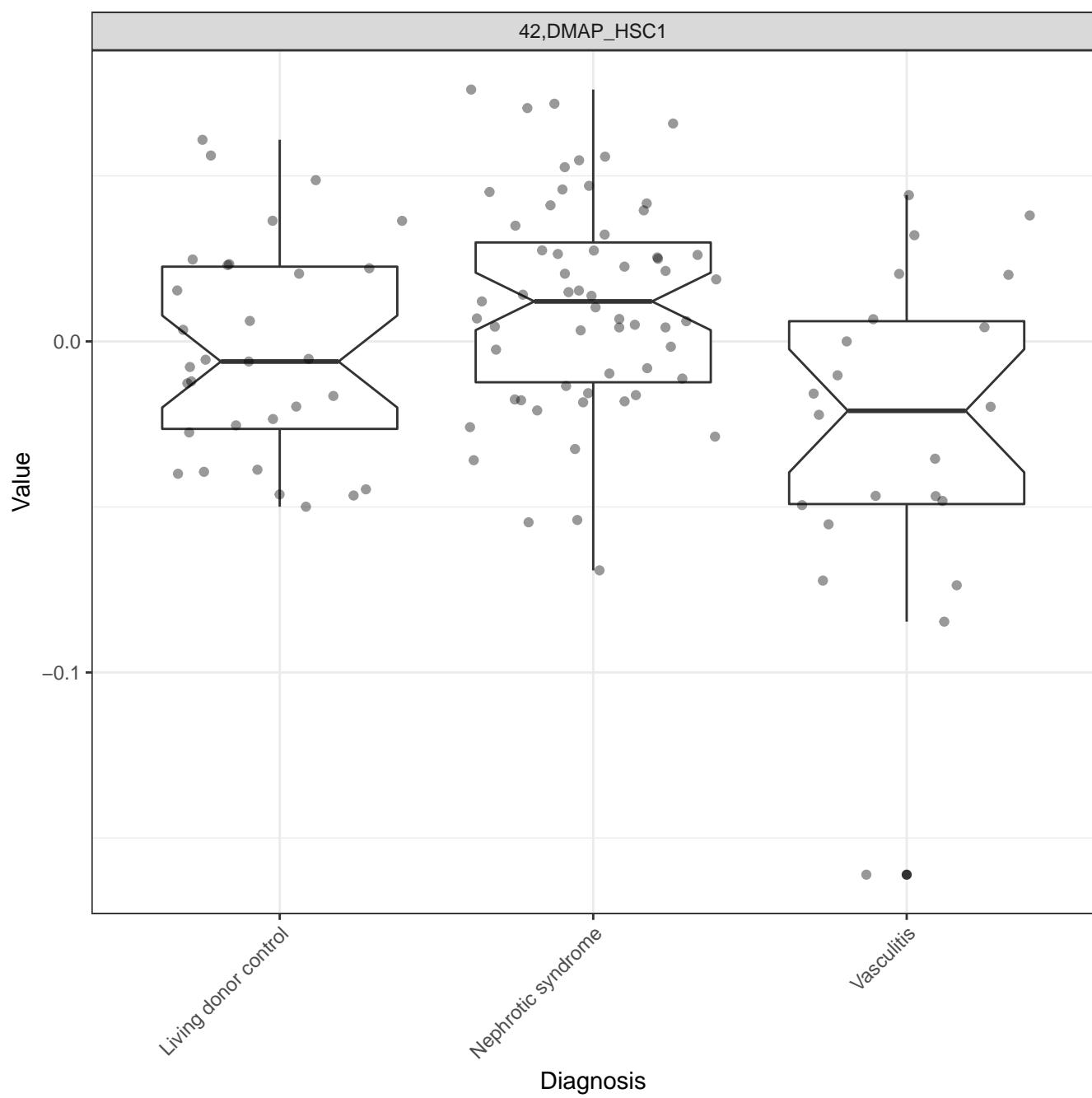
Diagnosis



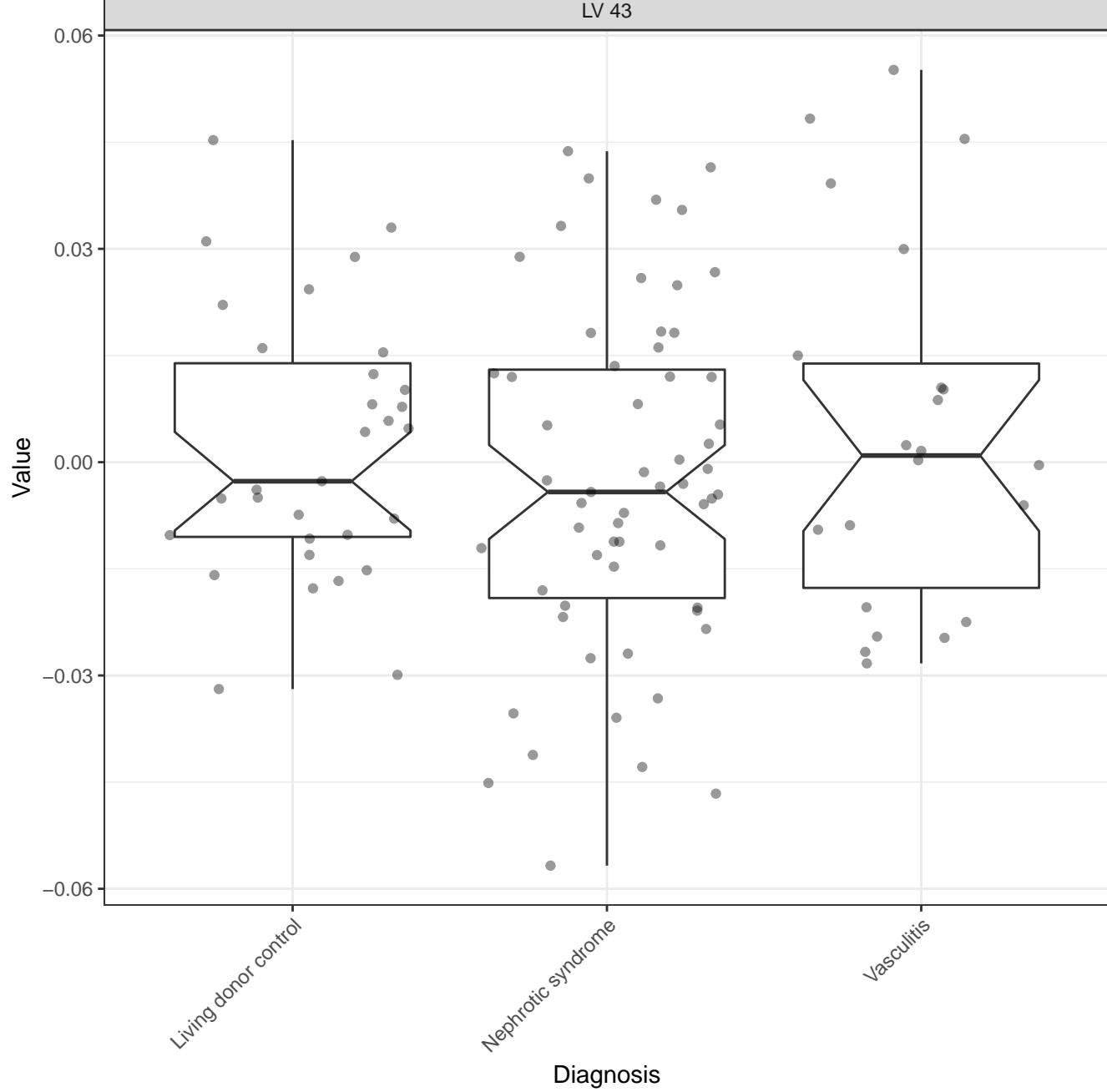
LV 41



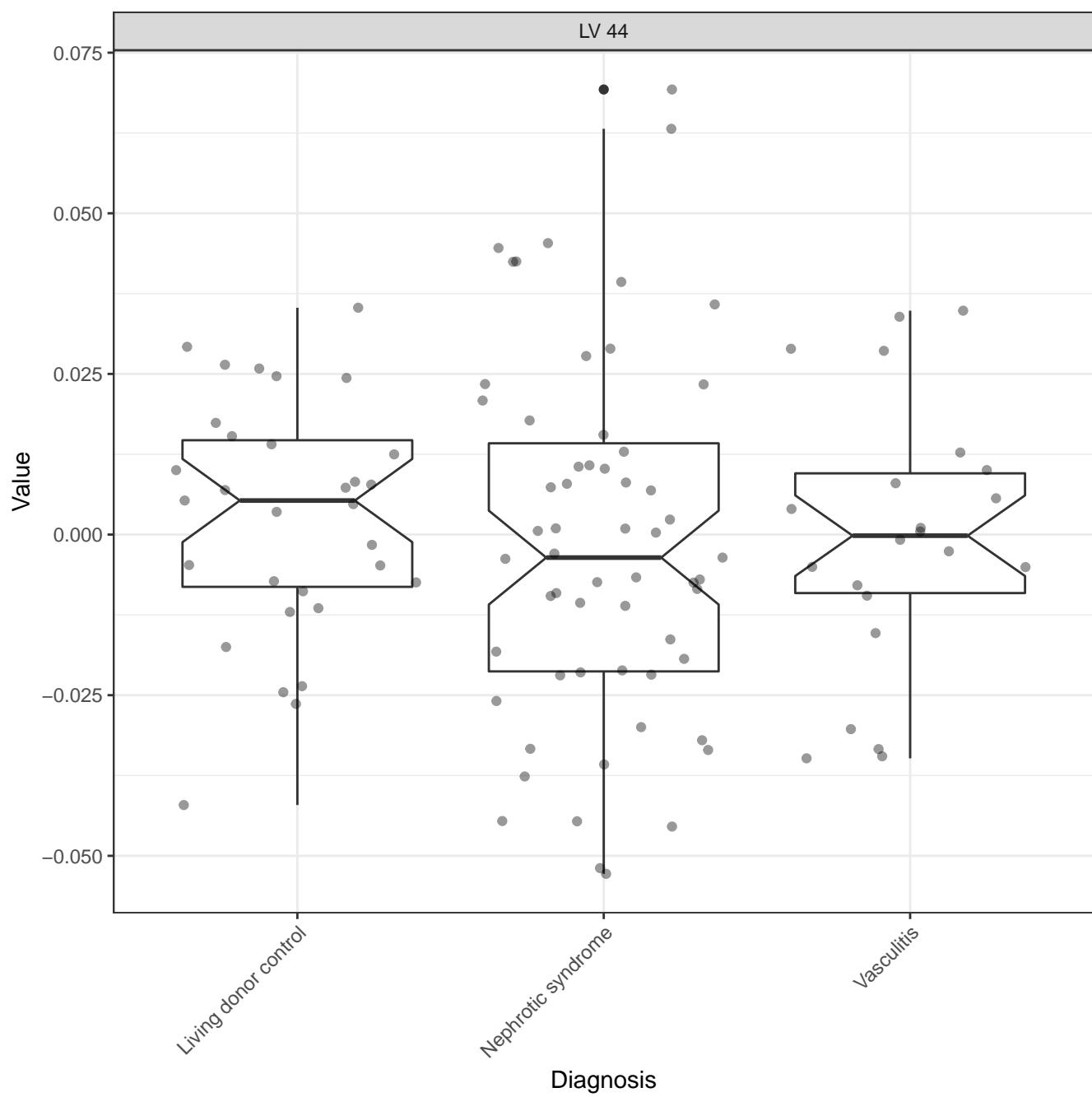
## 42,DMAP\_HSC1



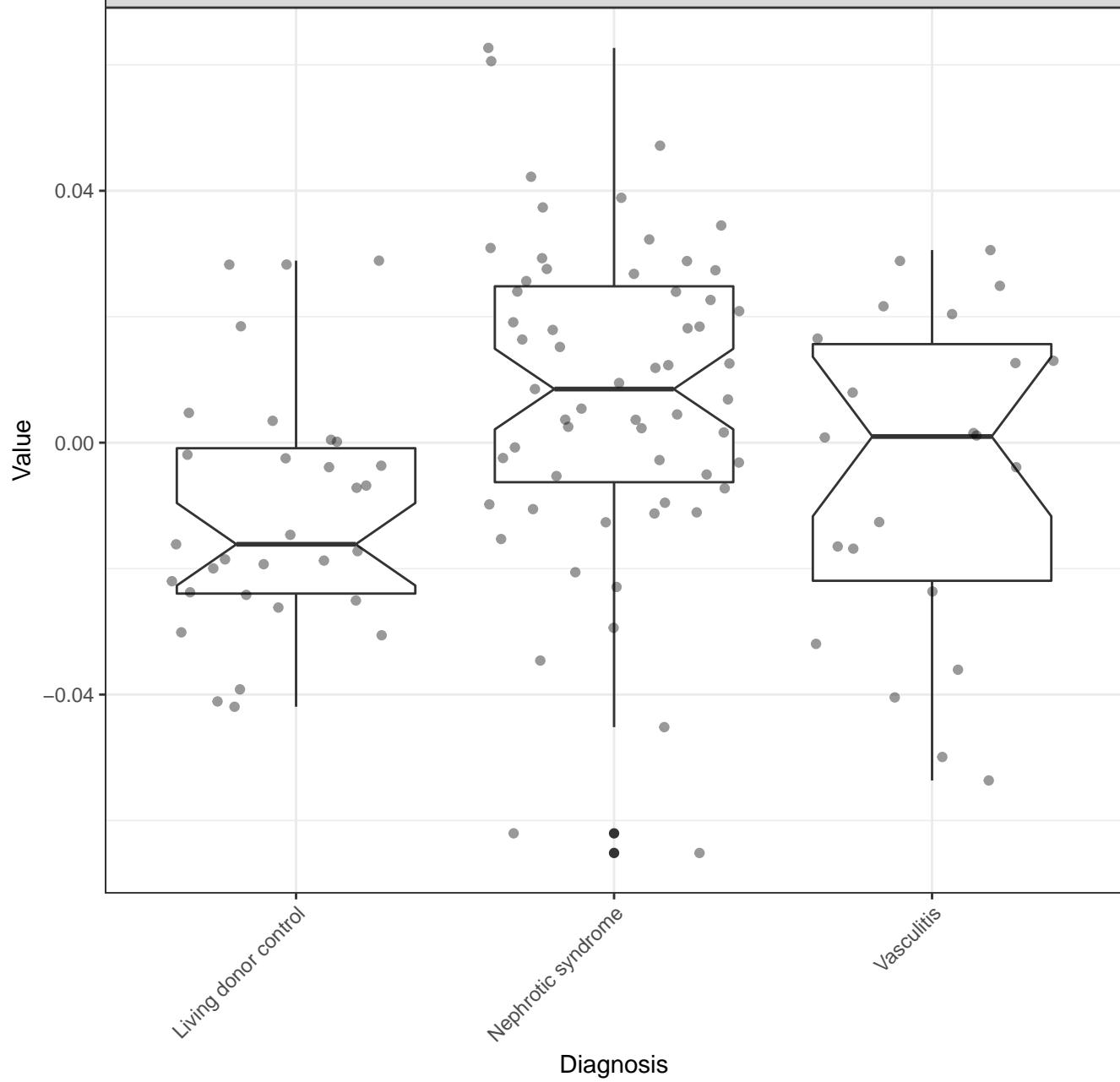
LV 43

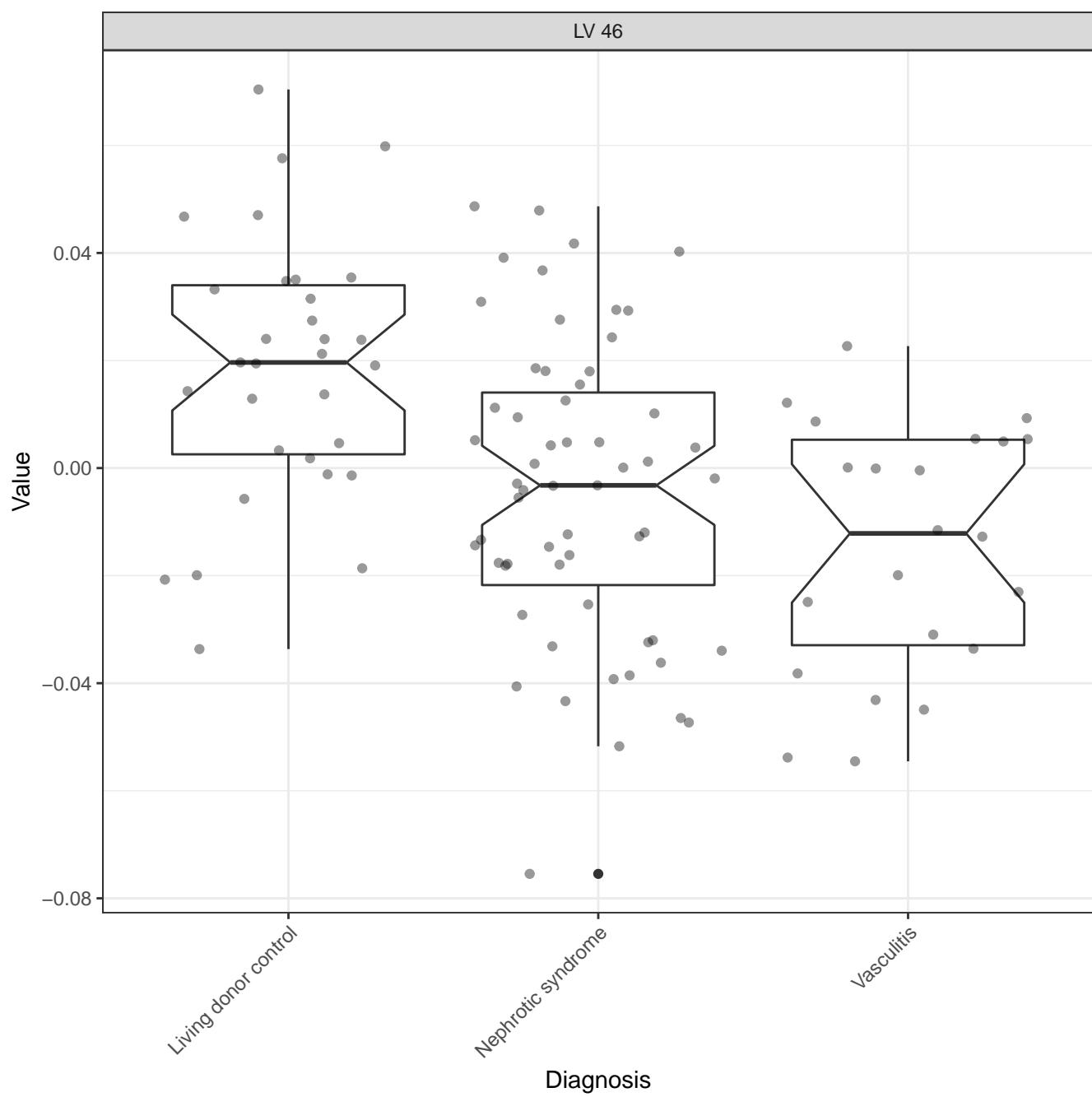


LV 44



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





LV 47

Value

0.05

0.00

-0.05

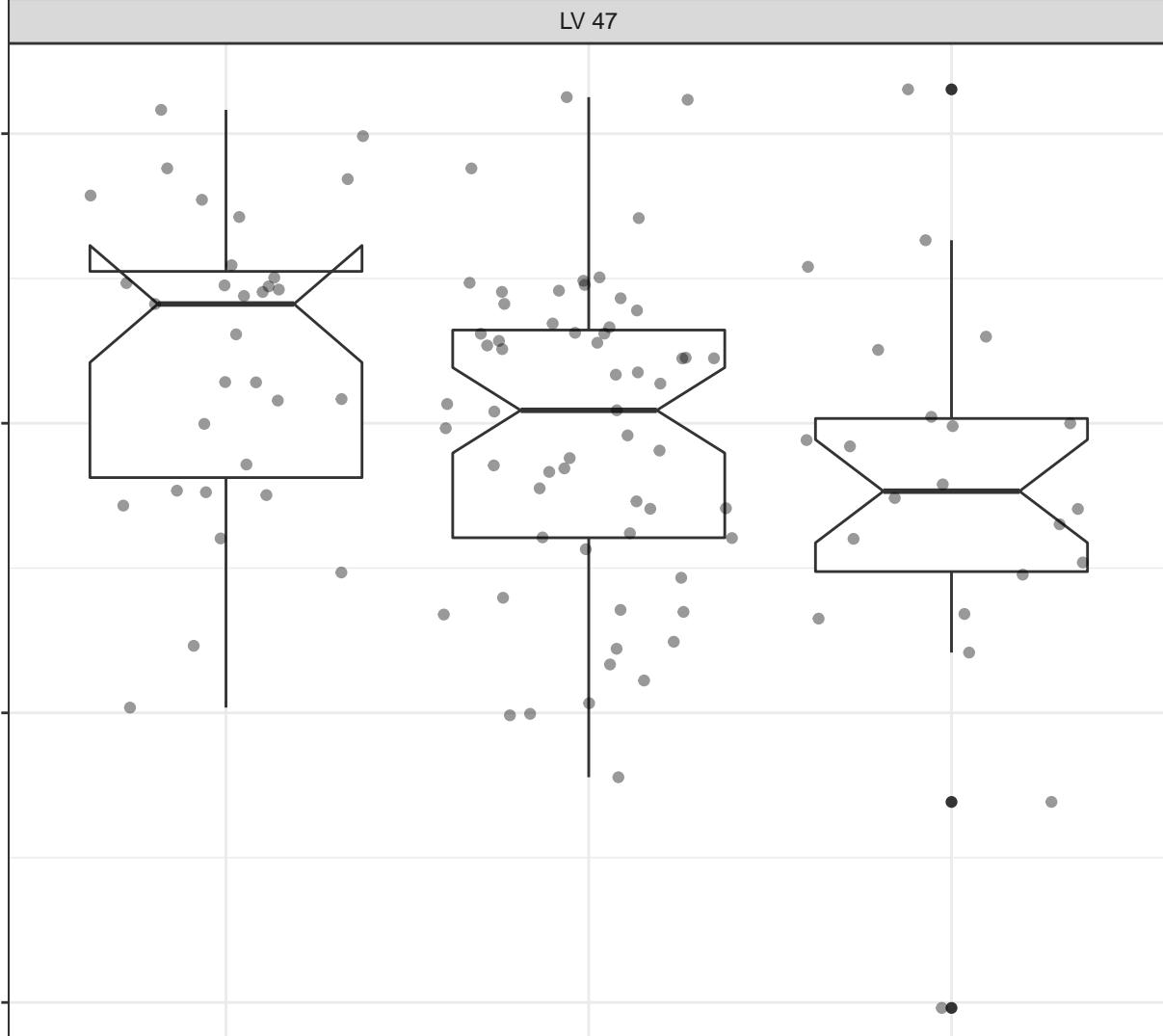
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 48,MIPS\_RIBOSOME\_CYTOPLASMIC

Value

0.05

0.00

-0.05

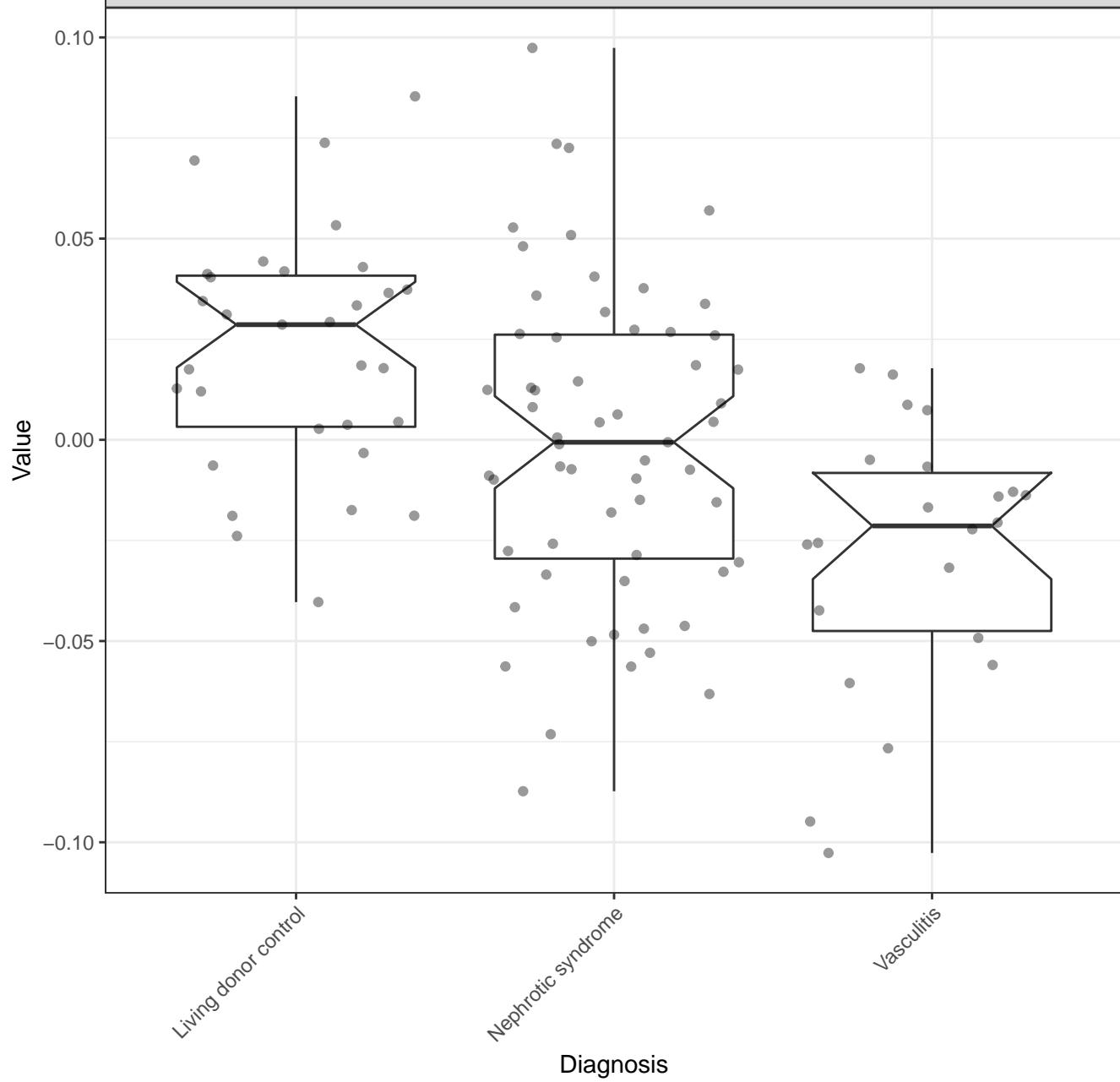
Living donor control

Nephrotic syndrome

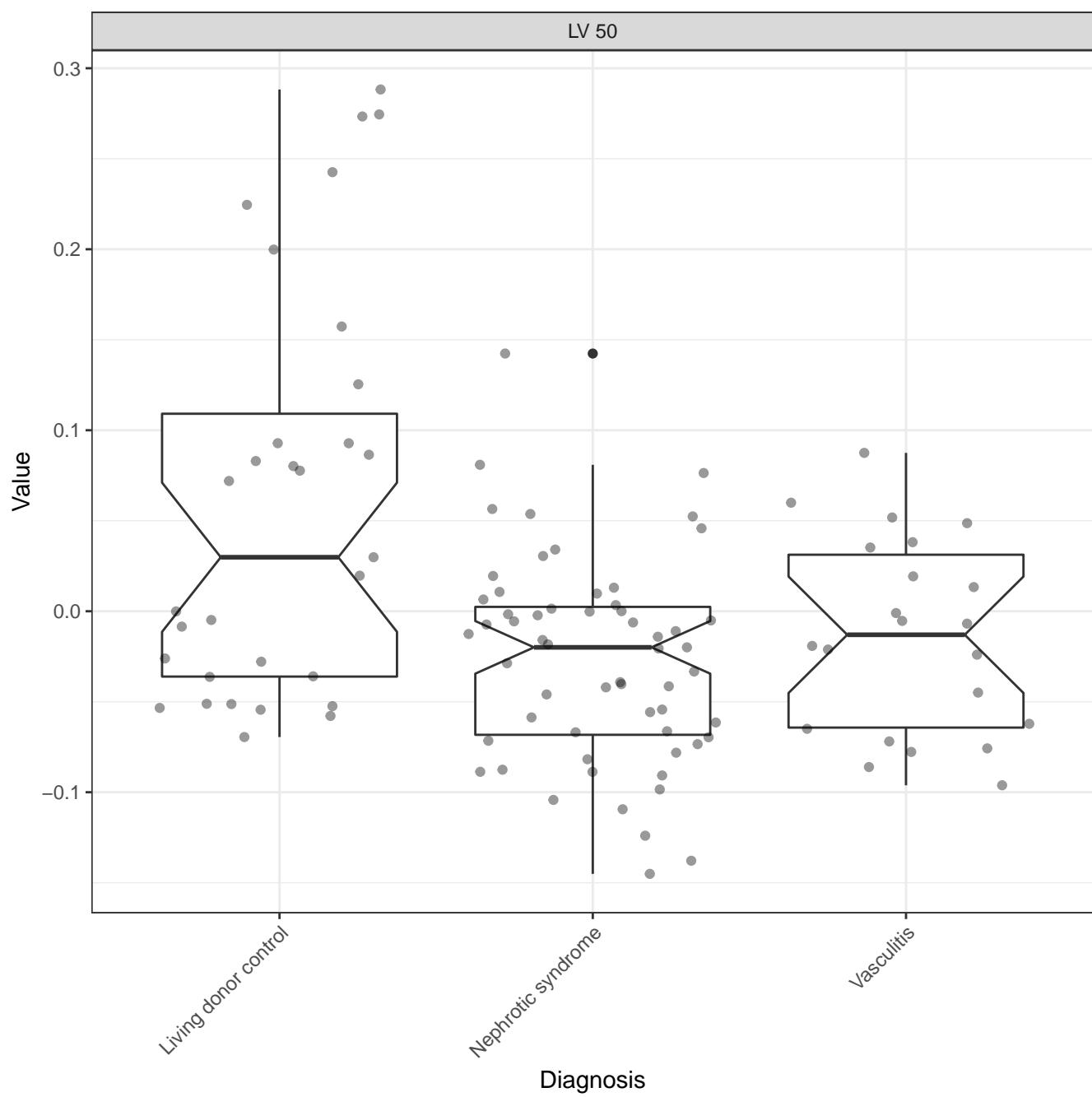
Vasculitis

Diagnosis

#### 49,KEGG\_DILATED\_CARDIOMYOPATHY



LV 50



Value

0.04

0.00

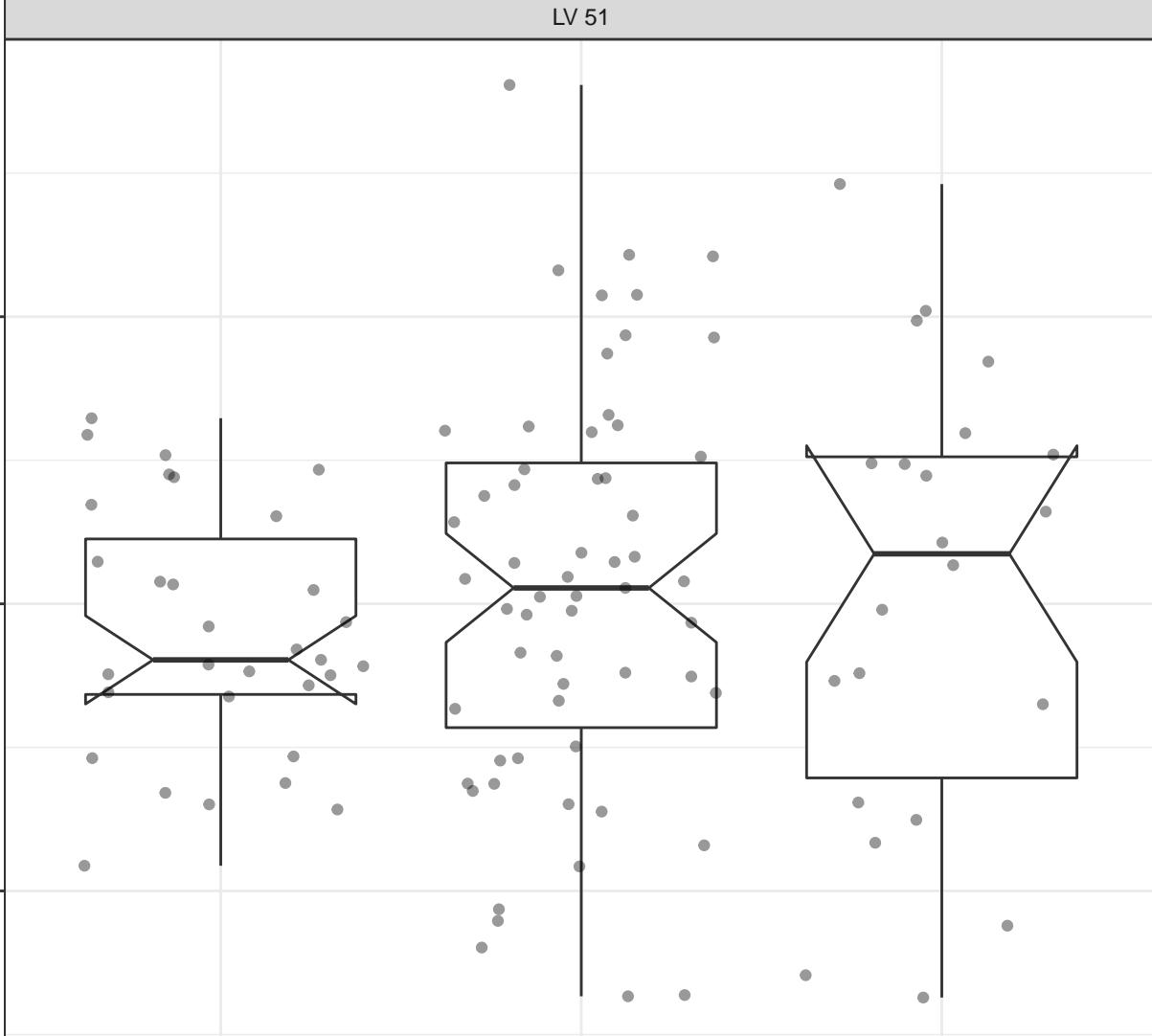
-0.04

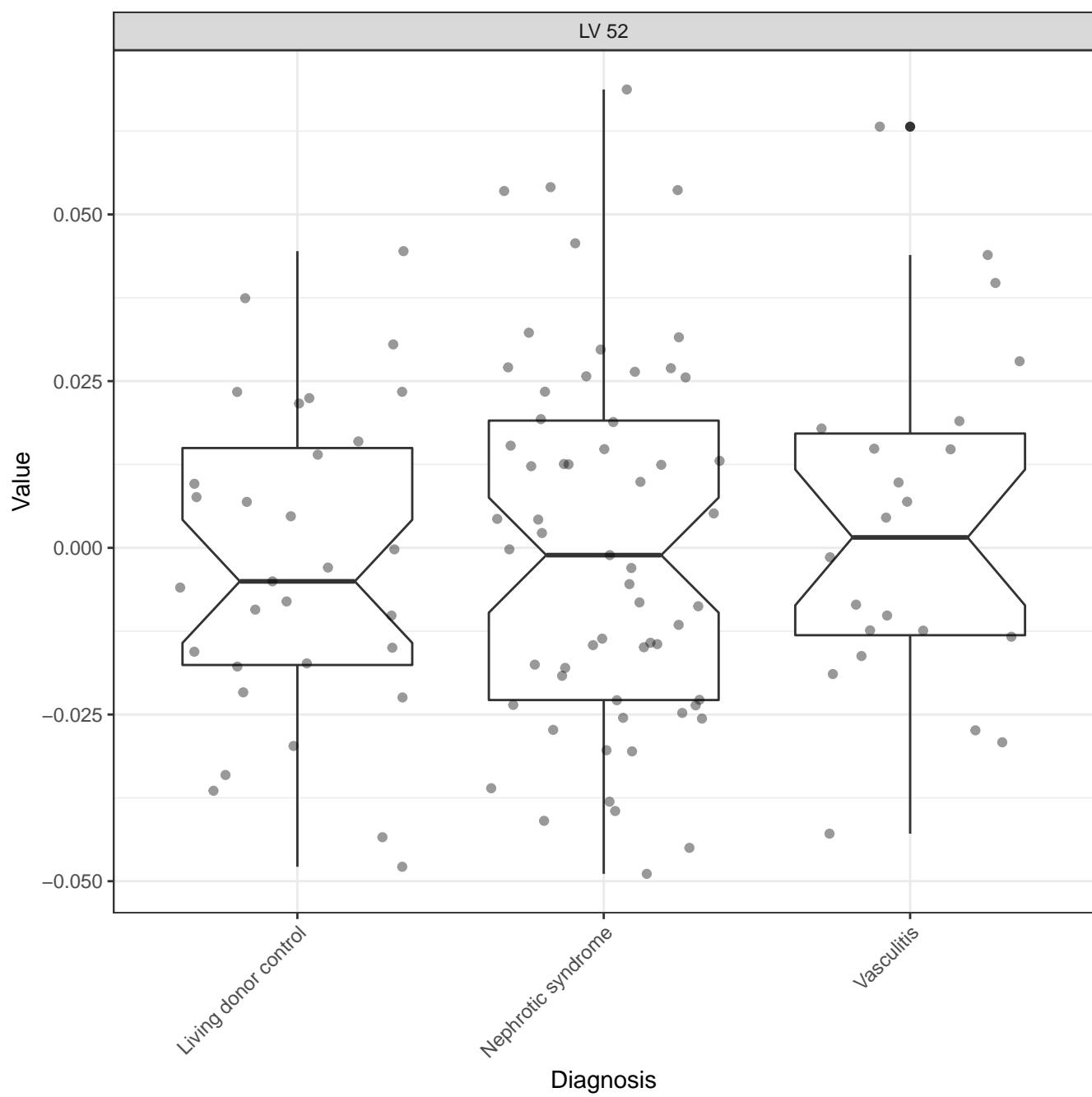
Living donor control

Nephrotic syndrome

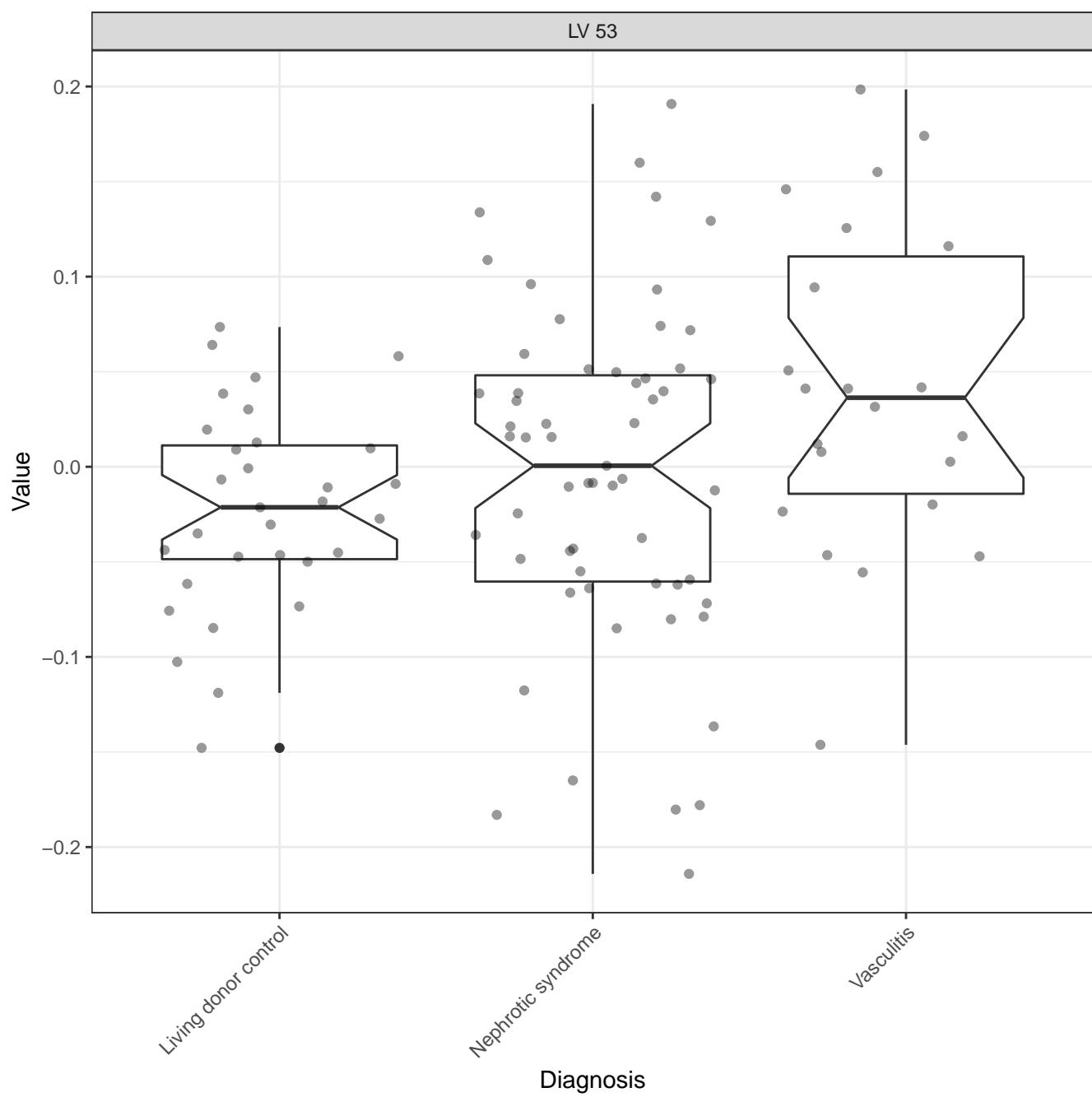
Vasculitis

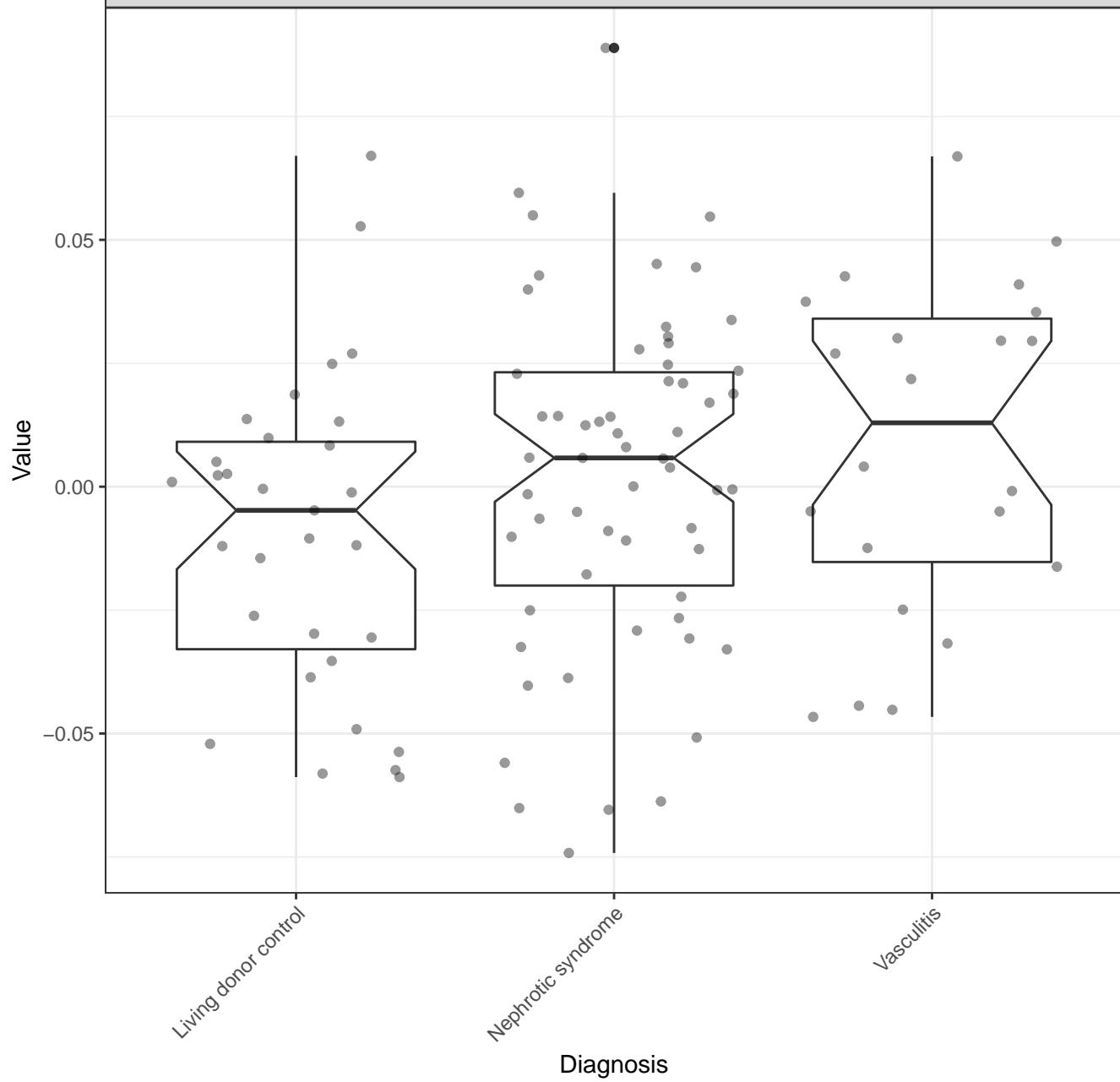
Diagnosis



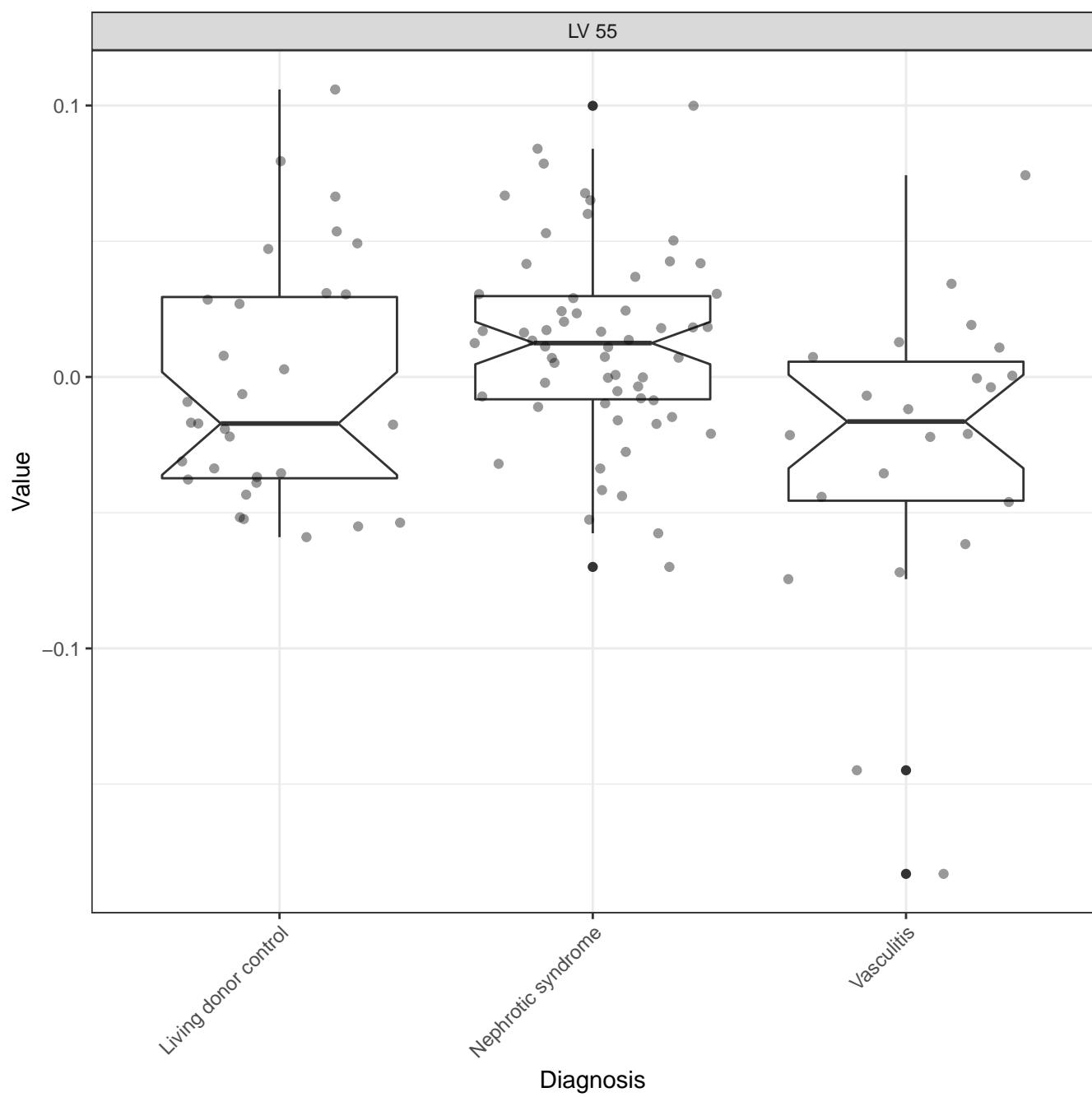


LV 53





LV 55



Value

0.05

0.00

-0.05

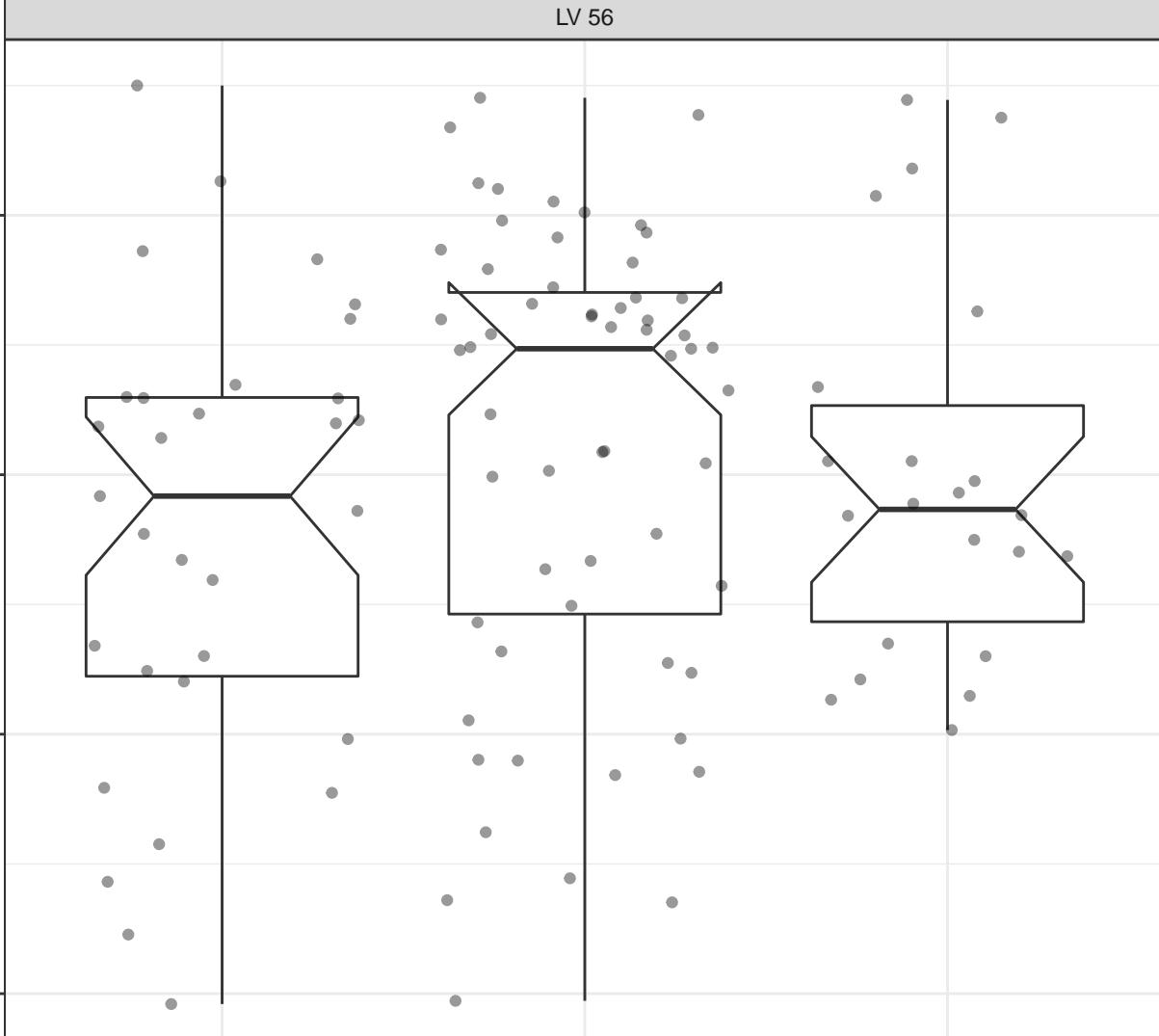
-0.10

Living donor control

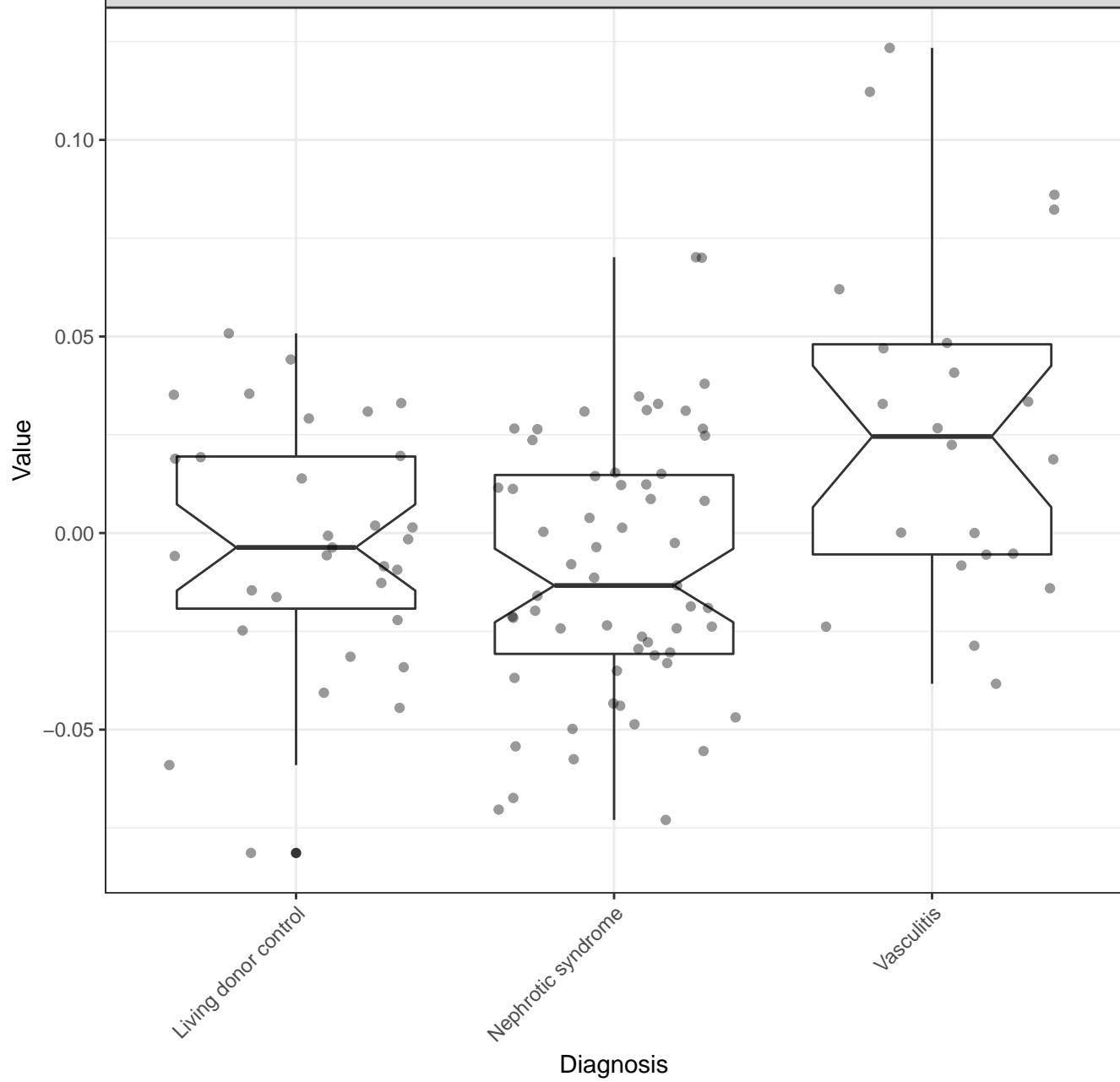
Nephrotic syndrome

Vasculitis

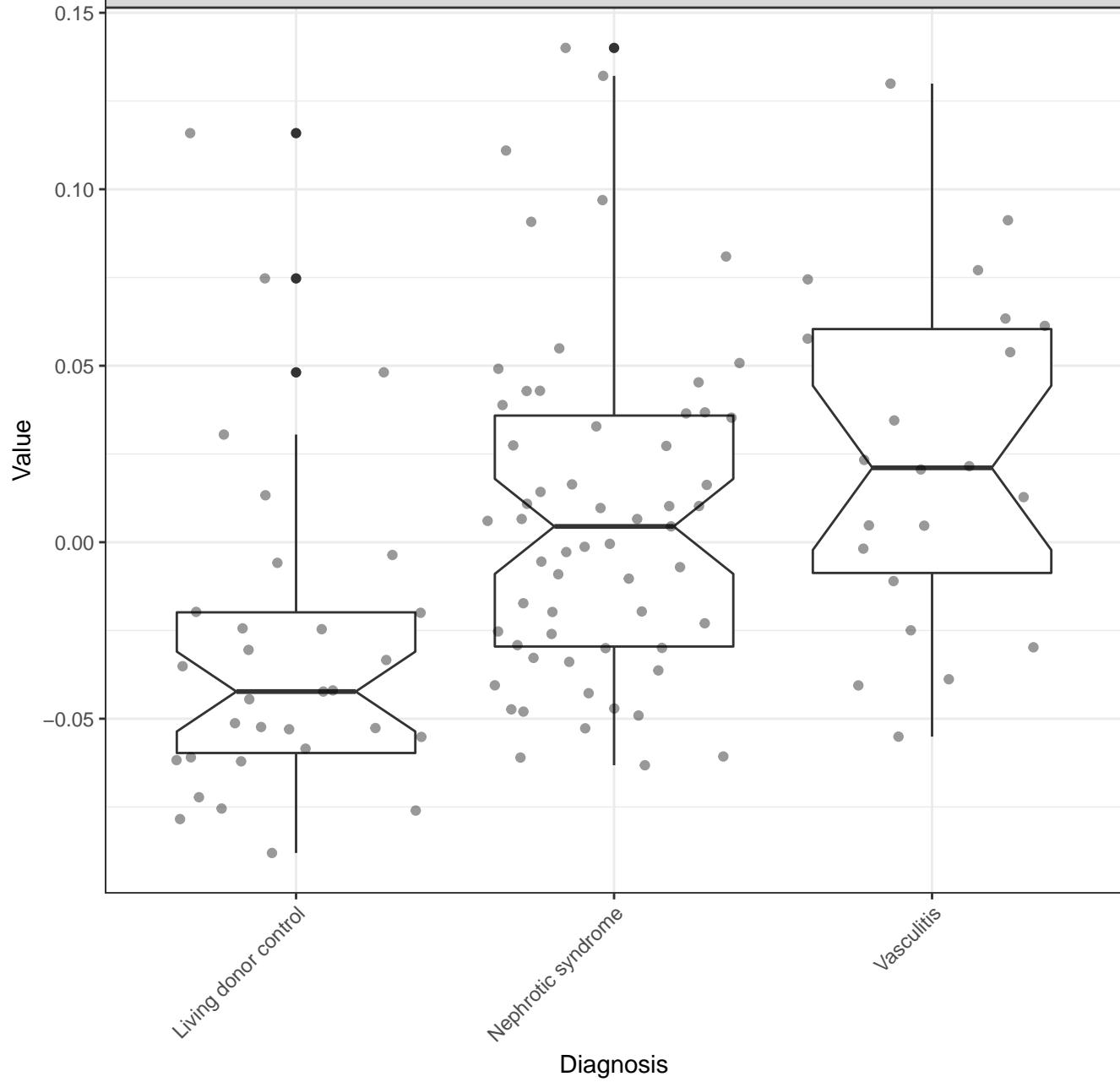
Diagnosis



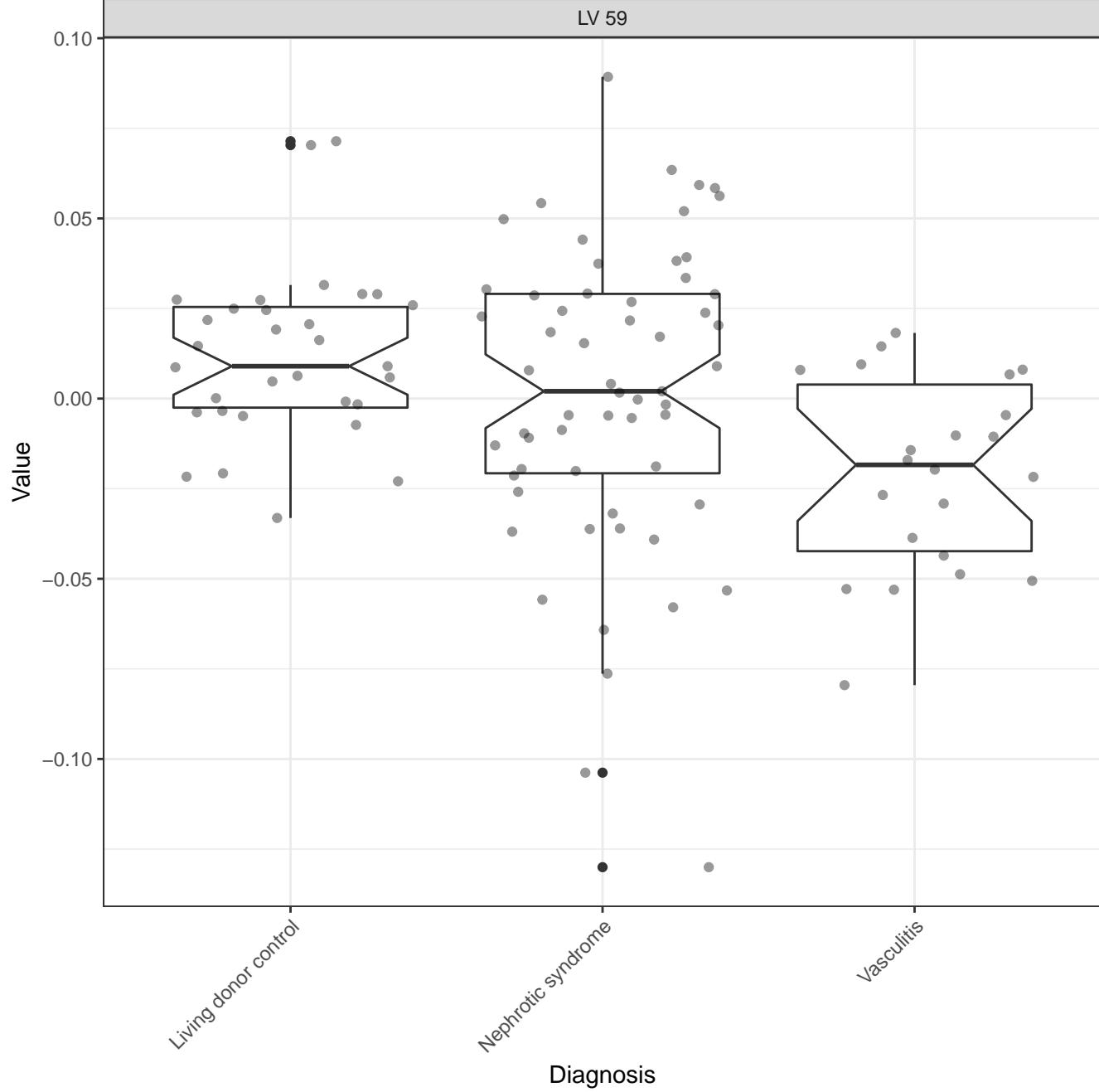
### 57,SVM T cells CD4 memory activated

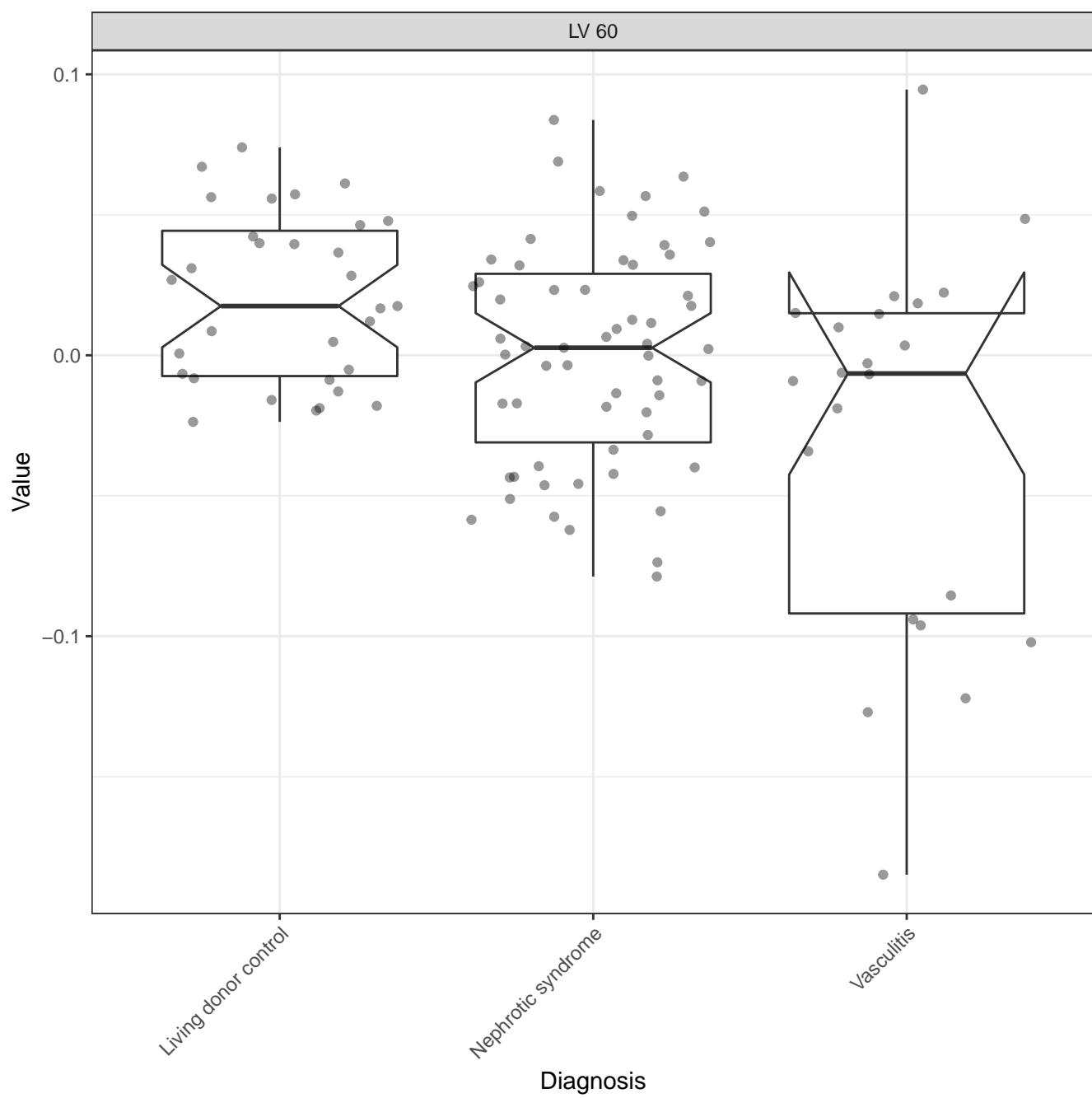


## 58,SVM NK cells resting



LV 59





## 61,DMAP\_ERY5

Value

0.10

0.05

0.00

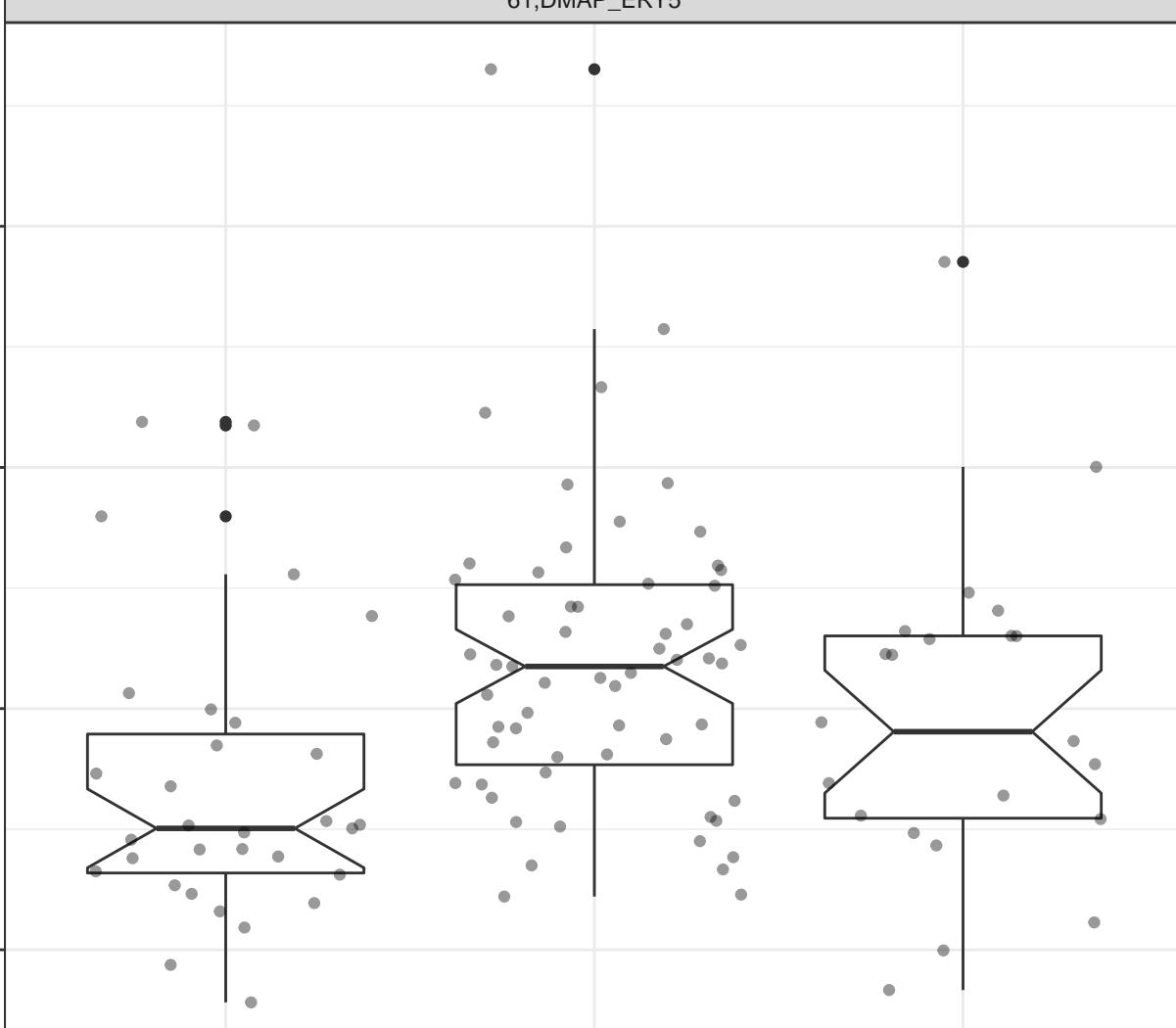
-0.05

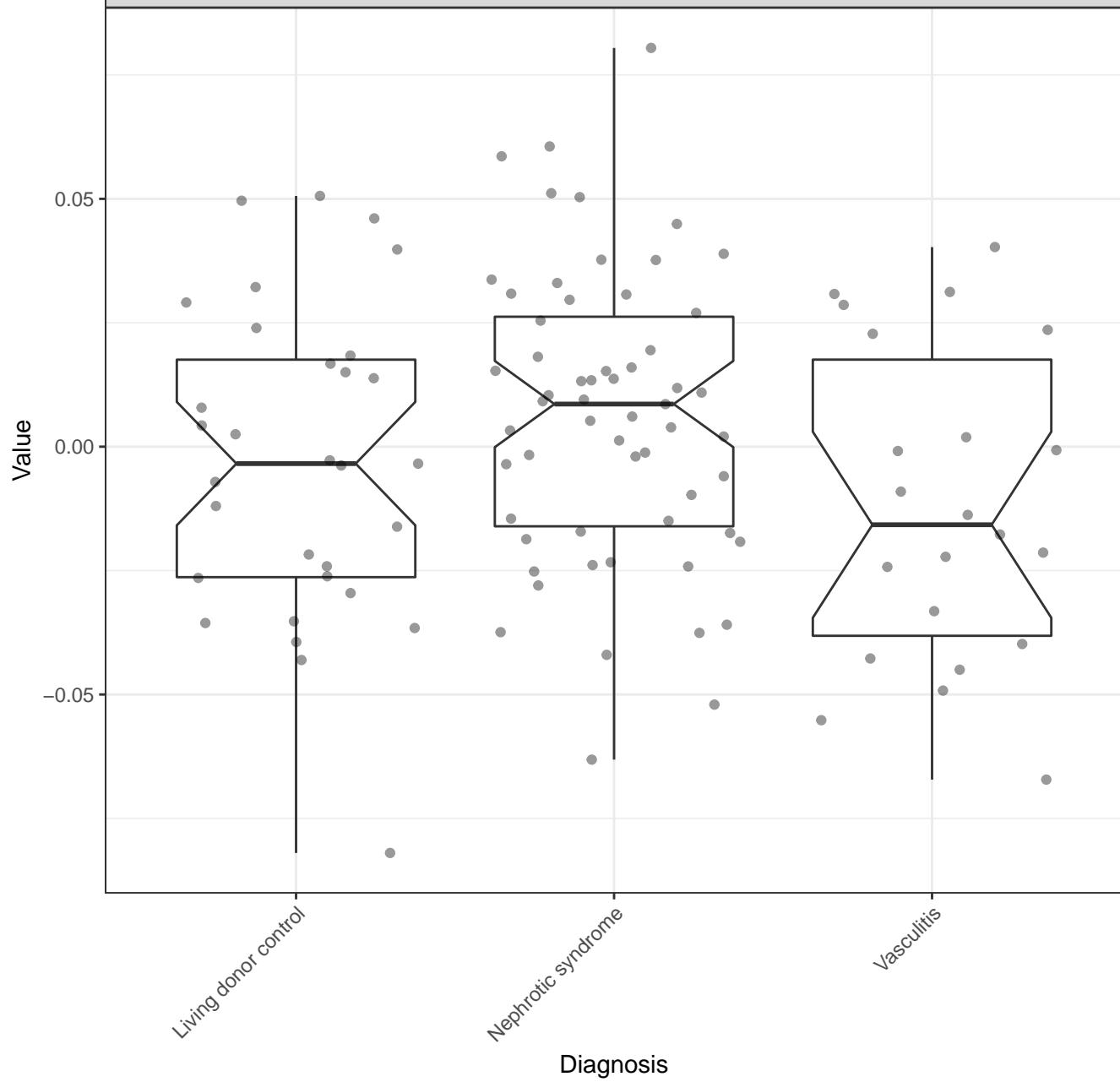
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 63

Value

0.2

0.1

0.0

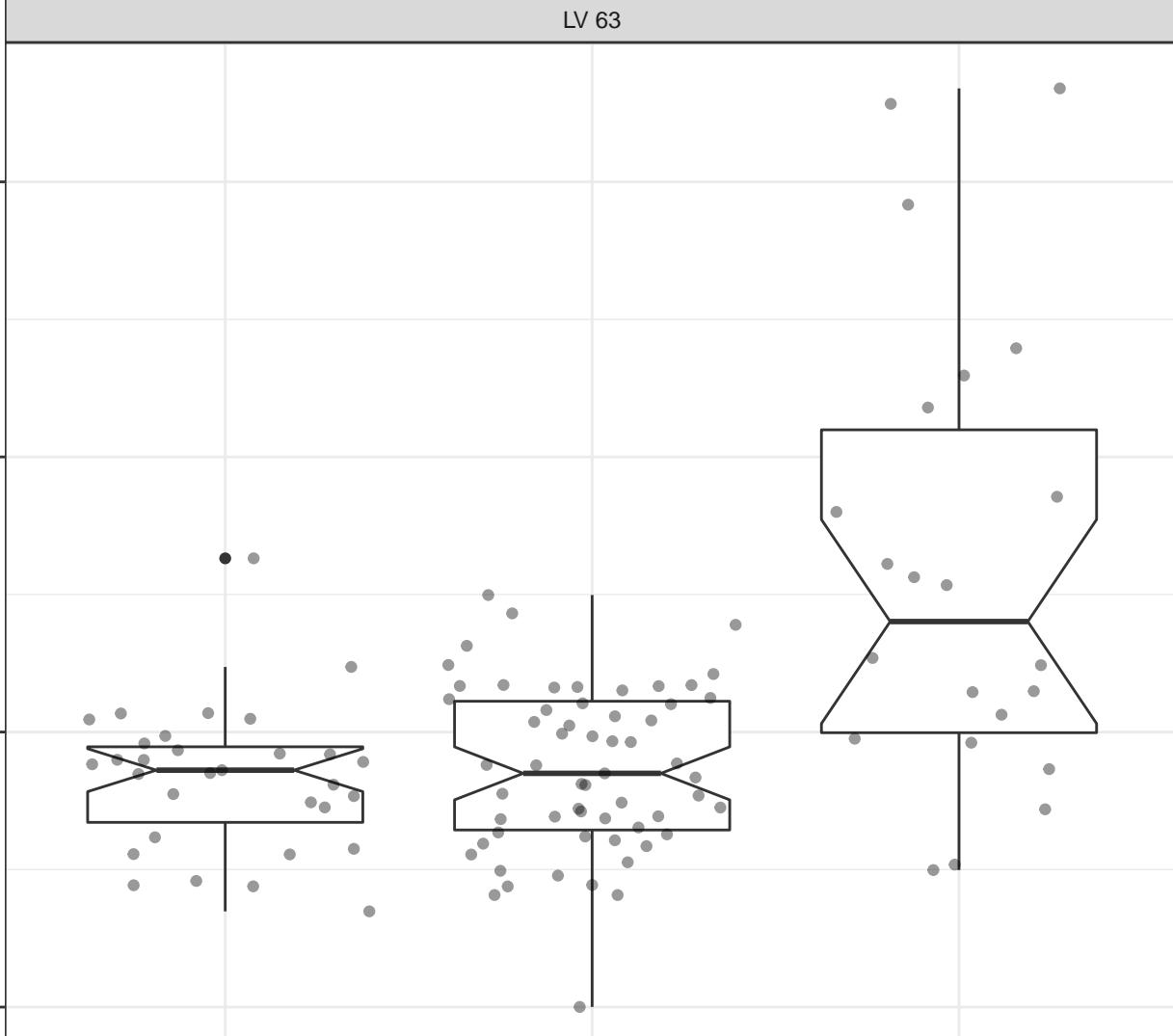
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 64

Value

0.10

0.05

0.00

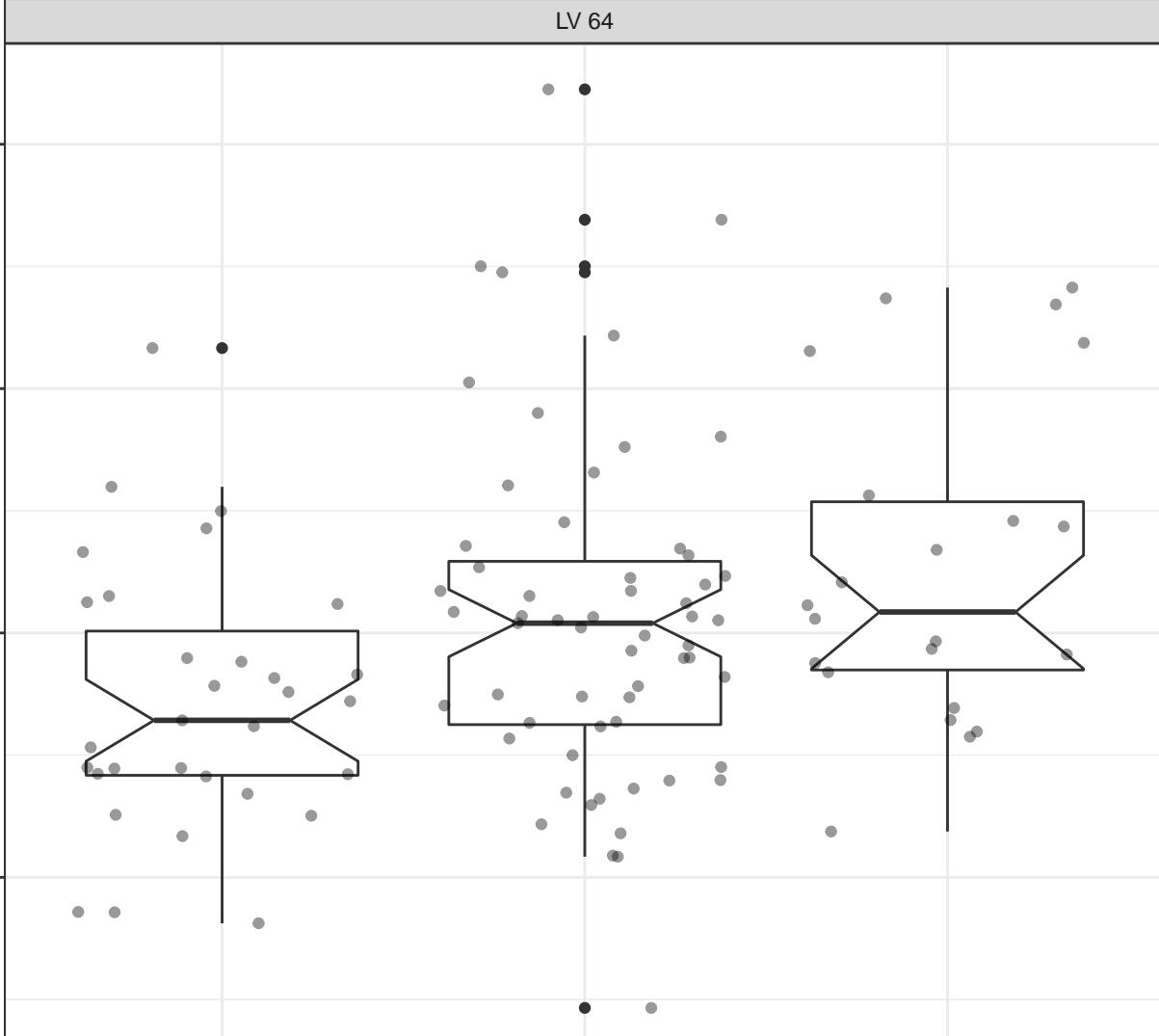
-0.05

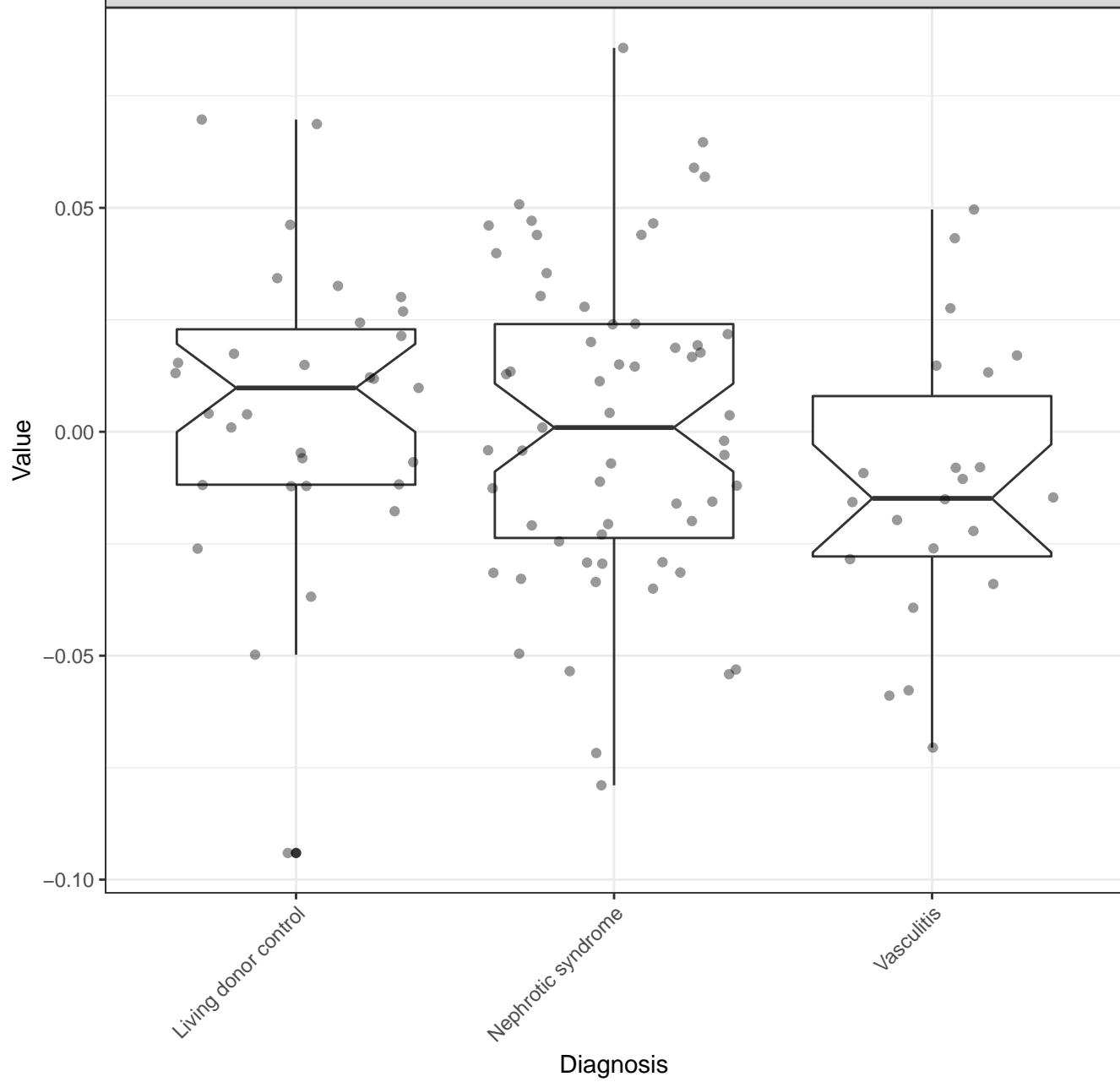
Living donor control

Nephrotic syndrome

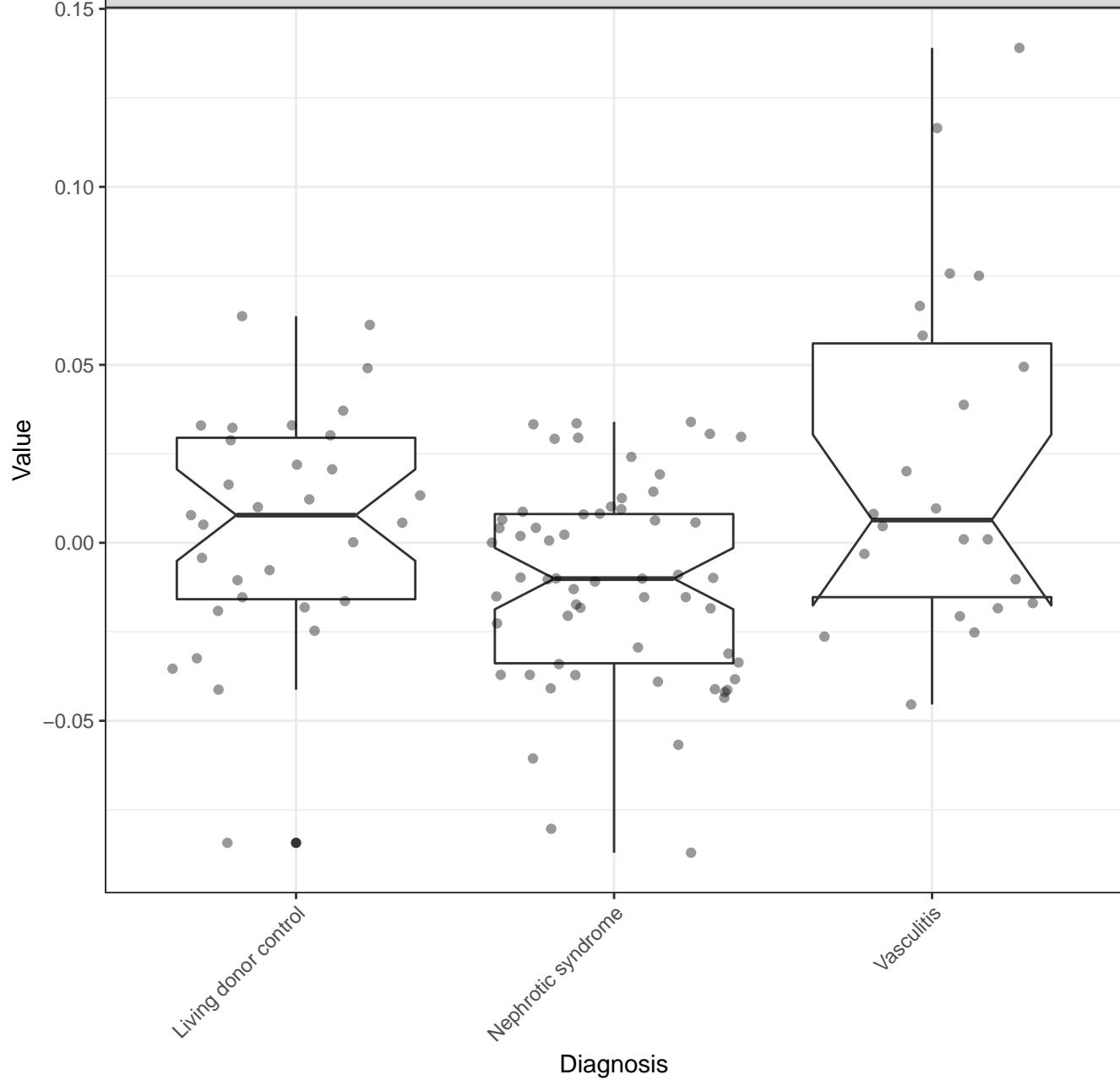
Vasculitis

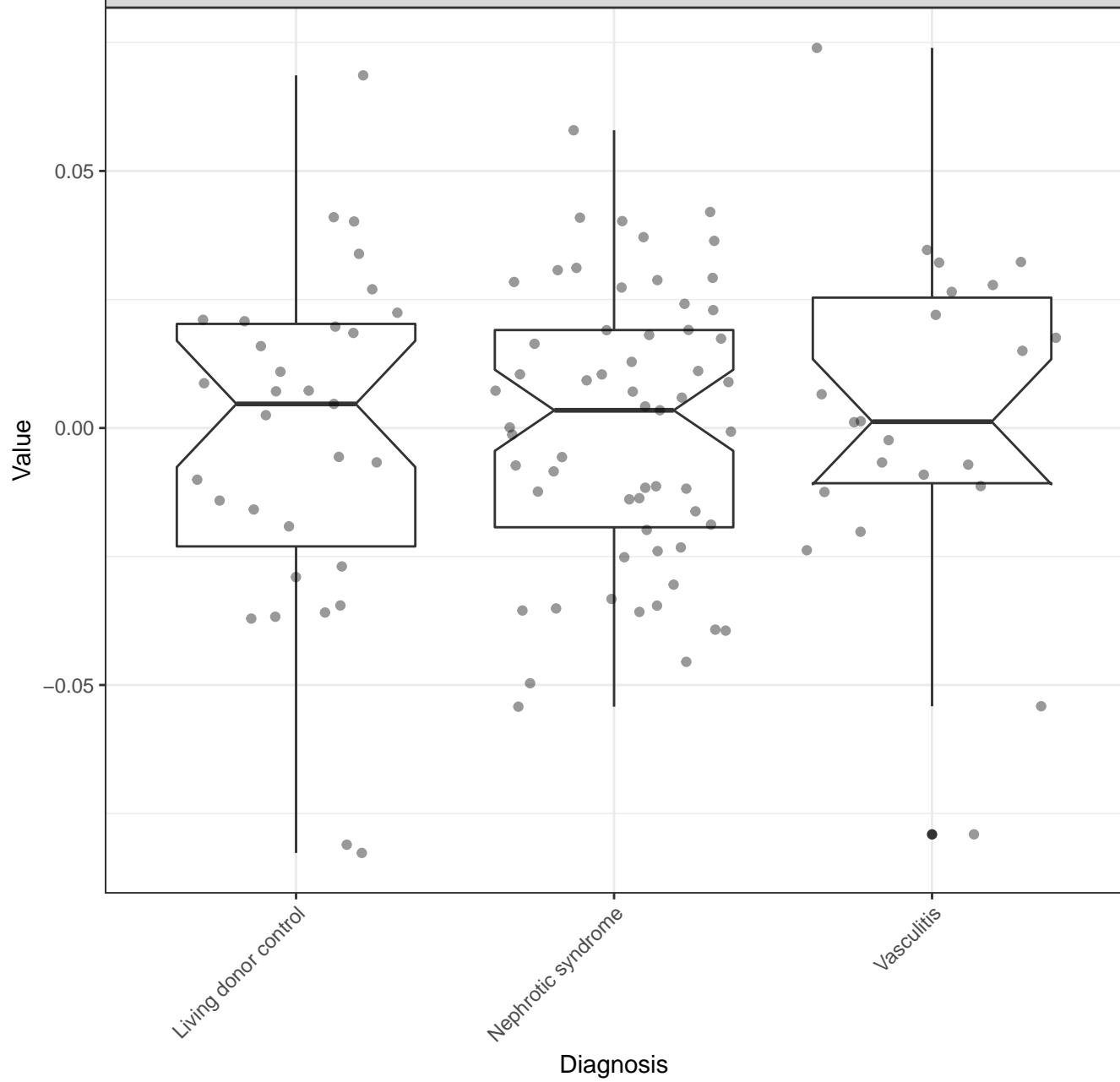
Diagnosis





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





## 68,DMAP\_ERY2

Value

0.3

0.2

0.1

0.0

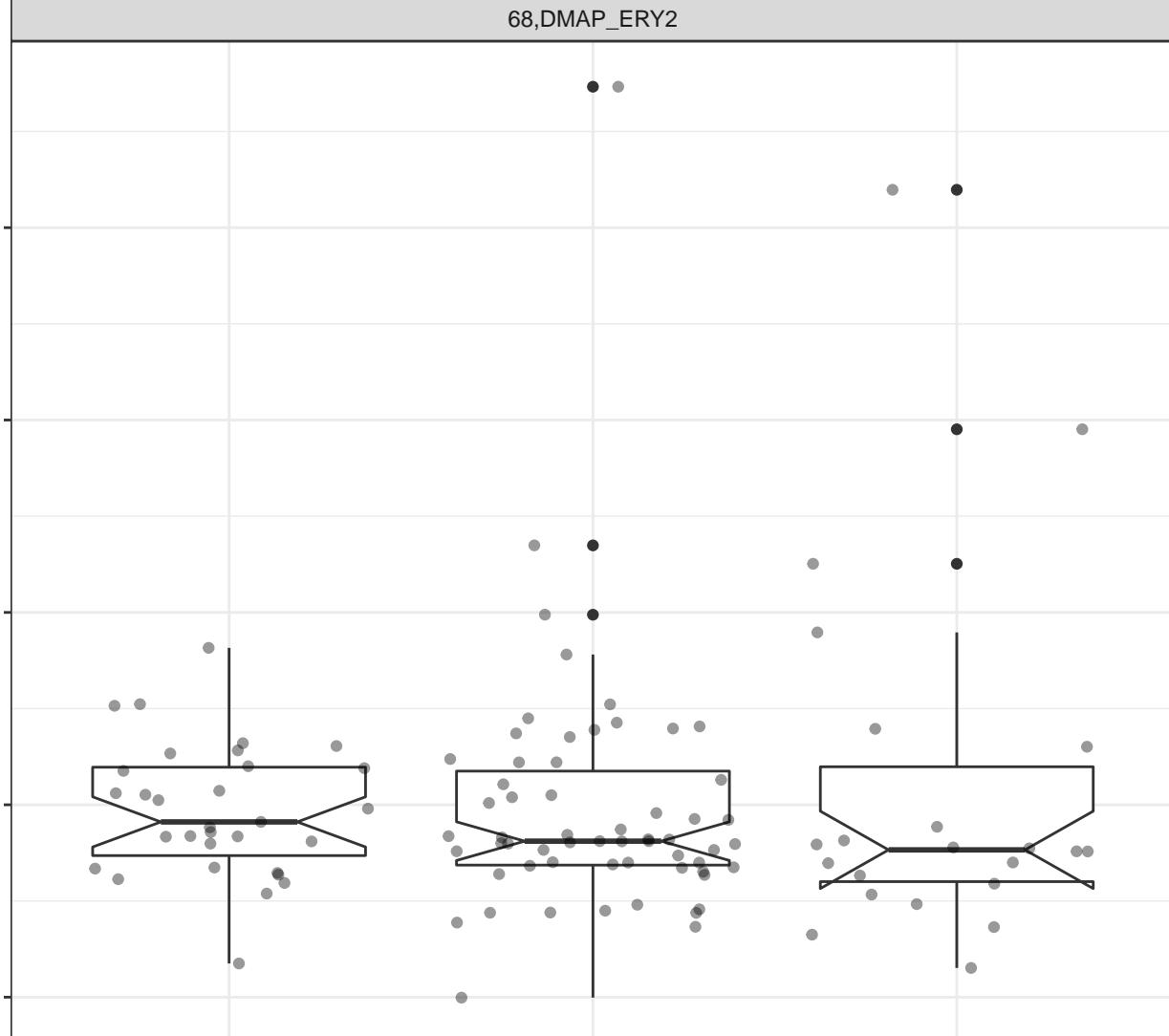
-0.1

Living donor control

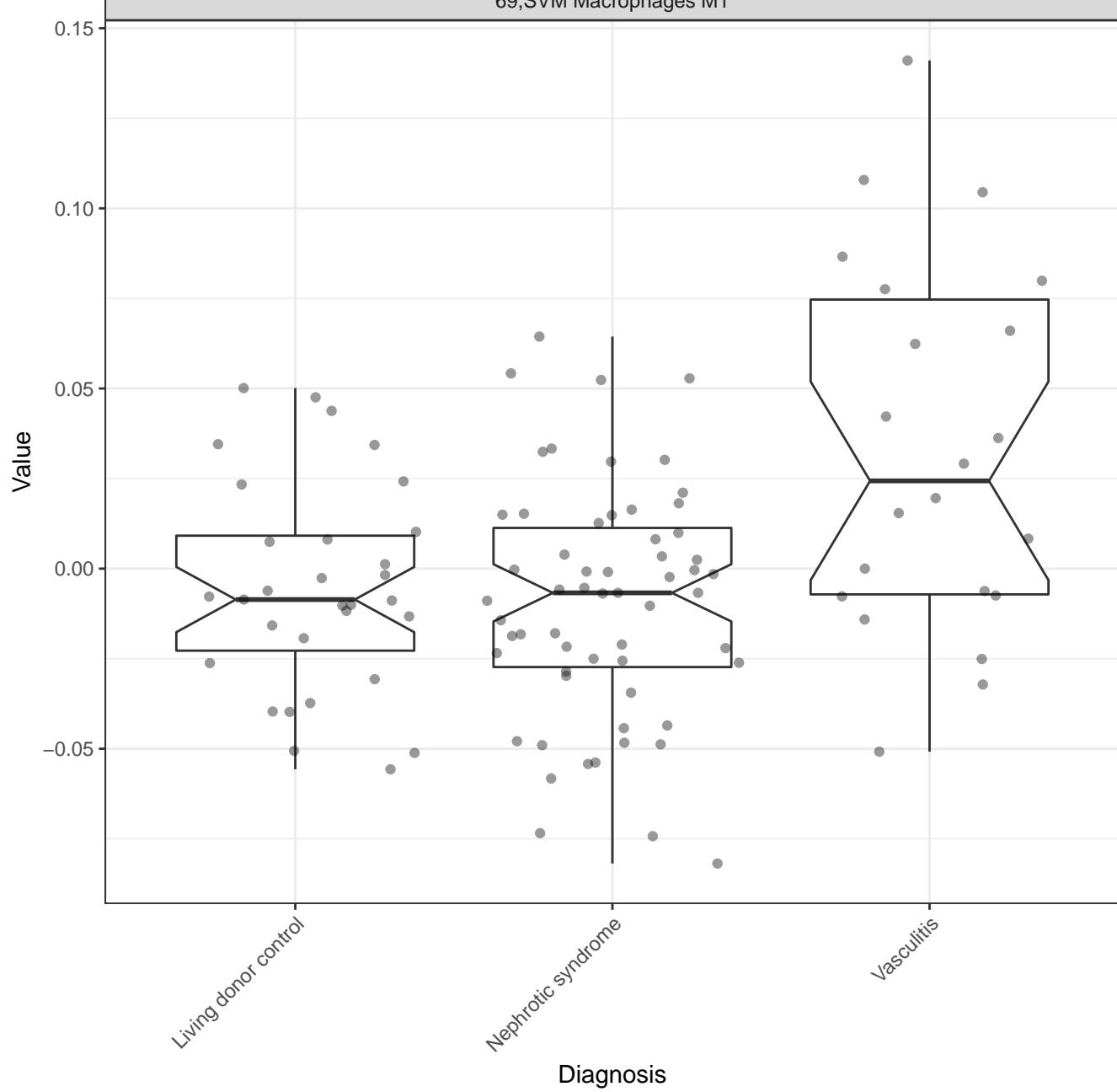
Nephrotic syndrome

Vasculitis

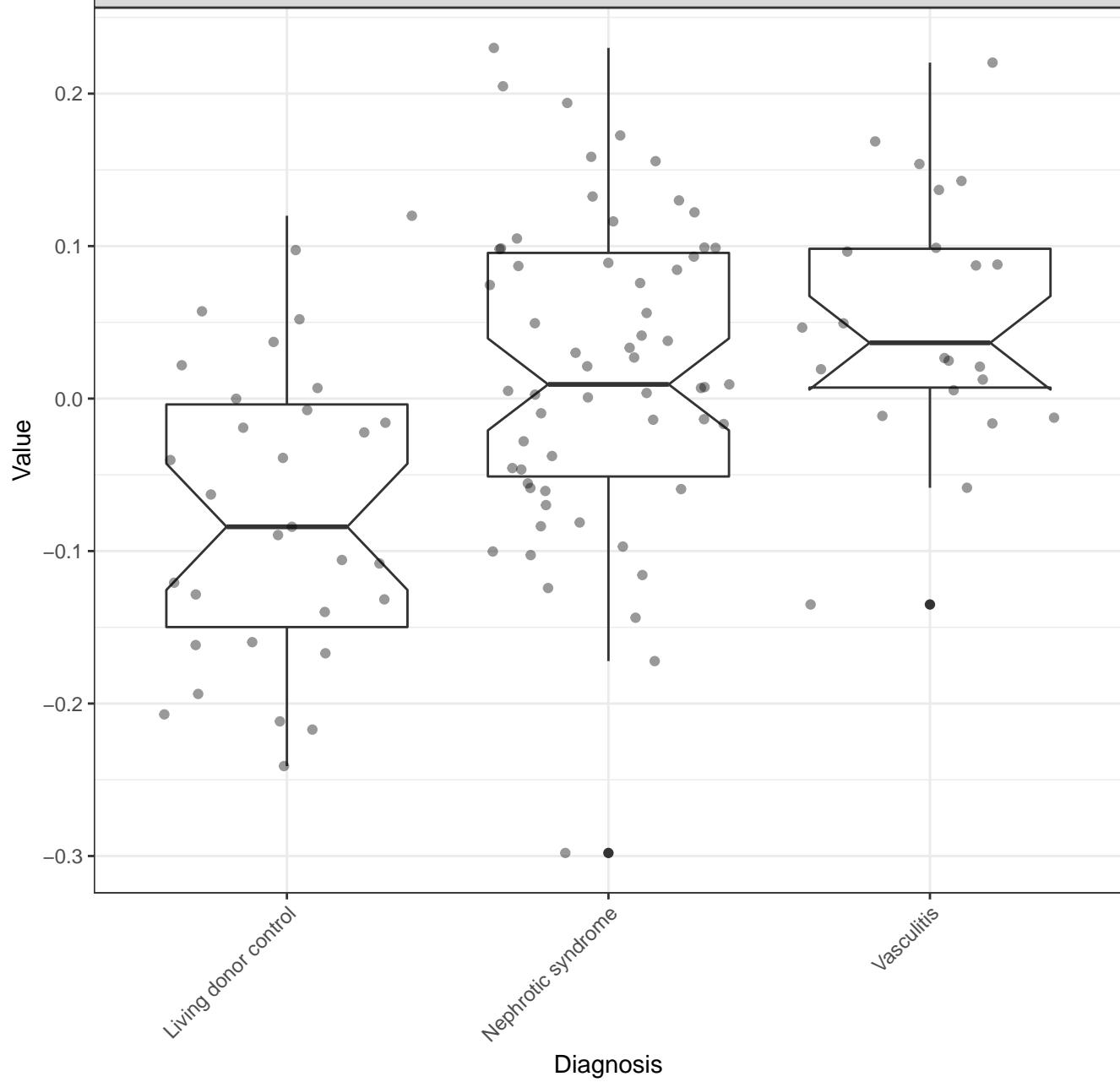
Diagnosis



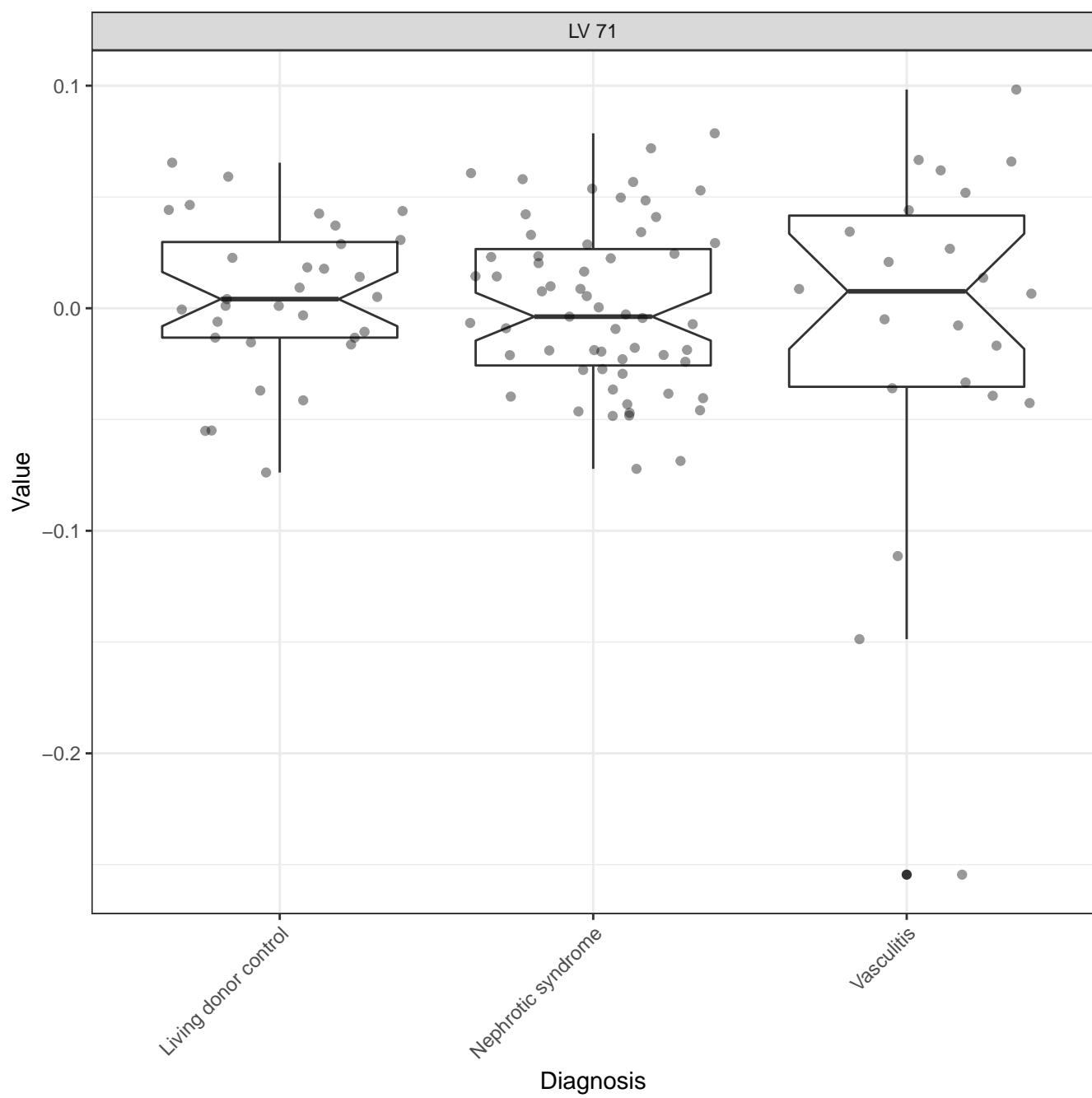
# 69,SVM Macrophages M1



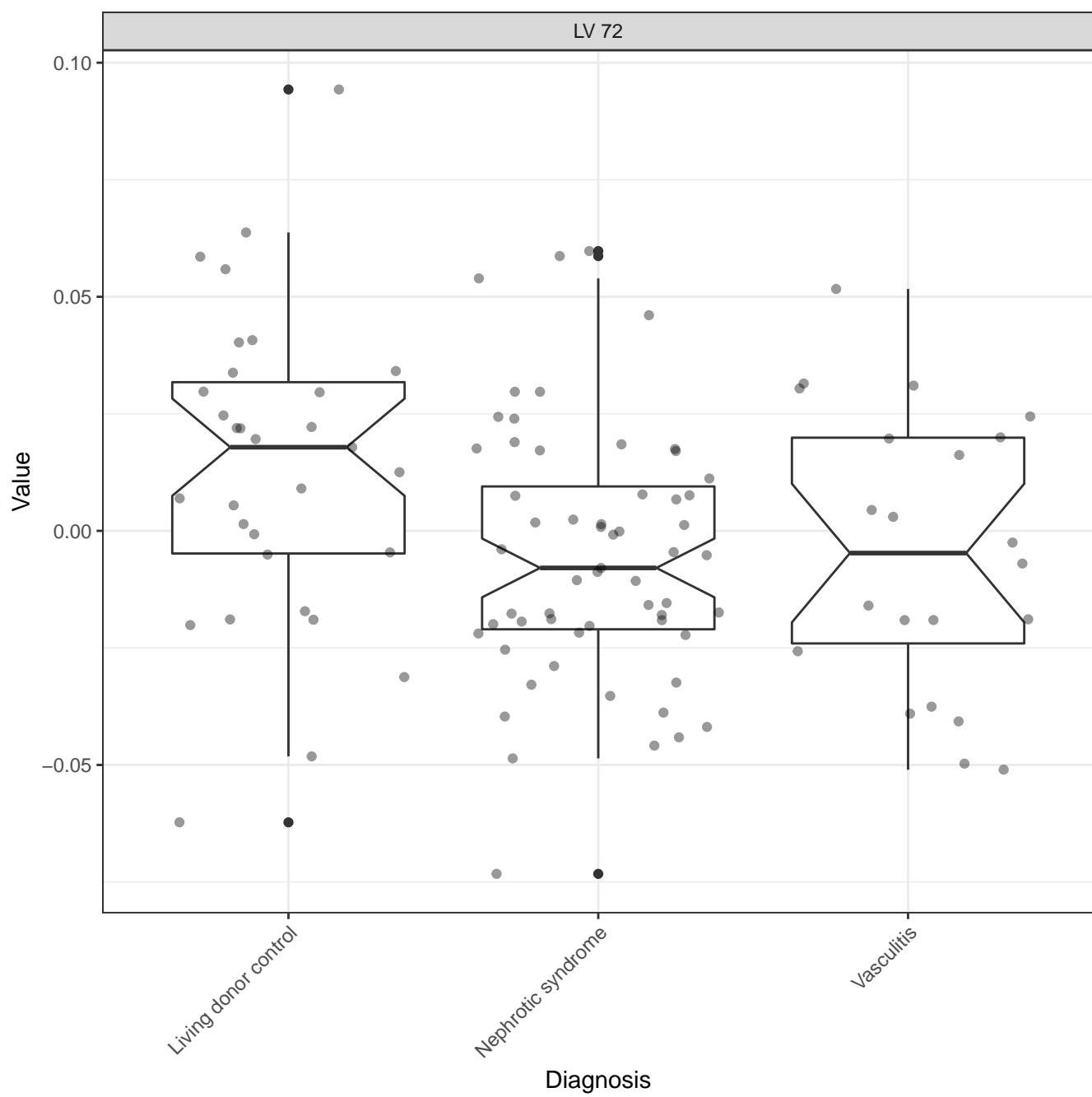
## 70,MIPS\_PA700\_20S\_PA28\_COMPLEX



LV 71



LV 72



Value

0.04

0.00

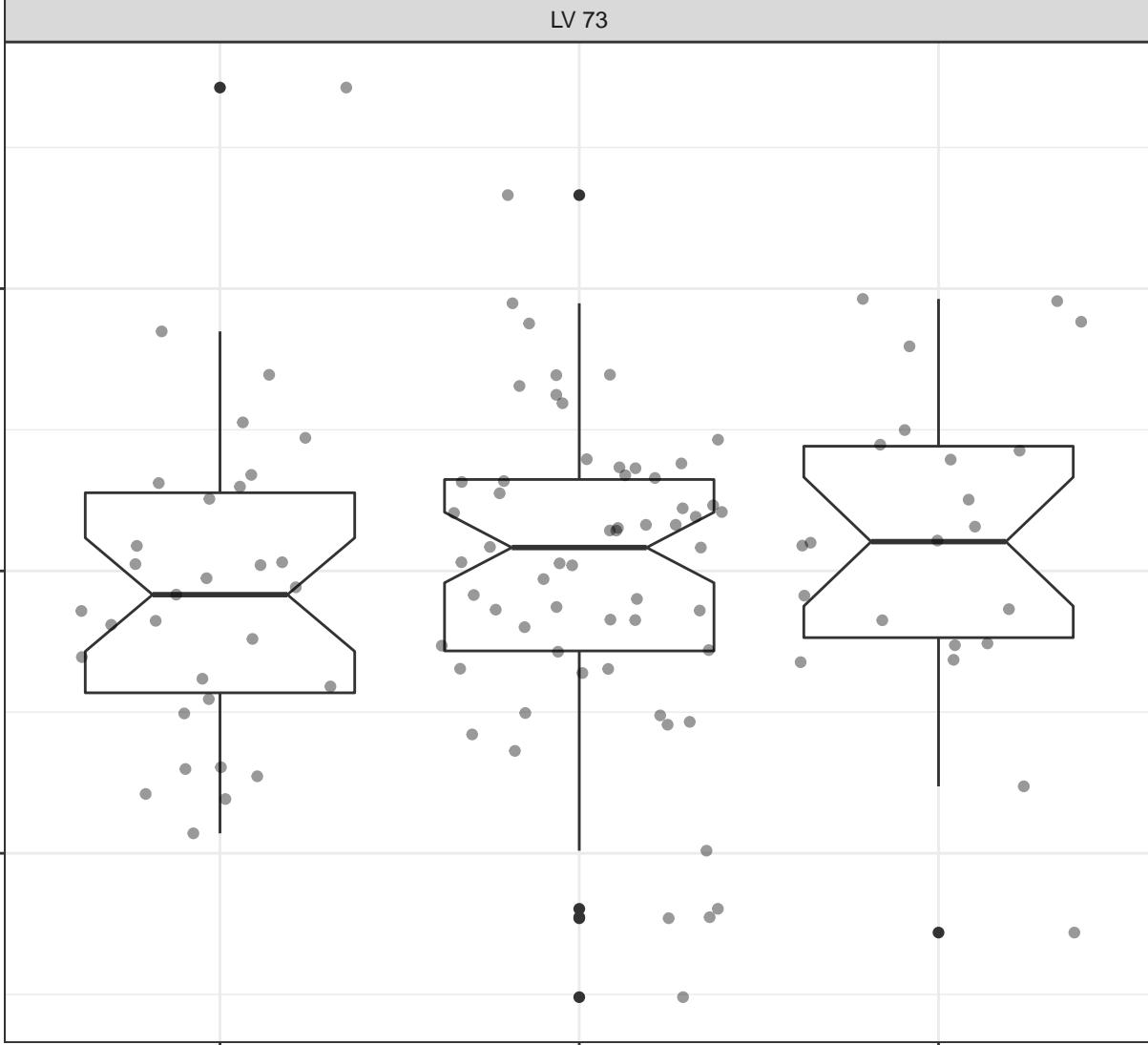
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 74,REACTOME\_UNFOLDED\_PROTEIN\_RESPONSE

Value

0.1

0.0

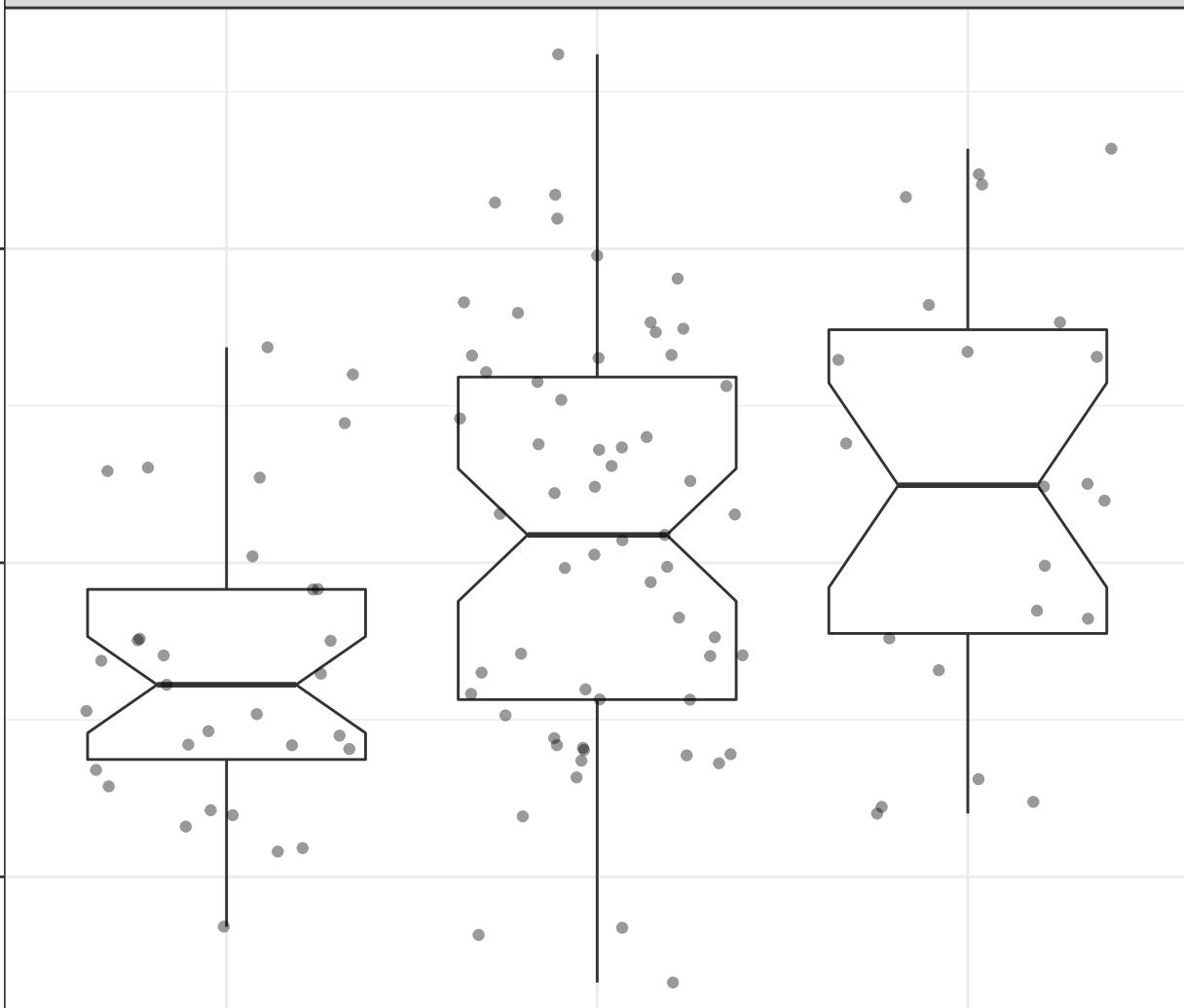
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

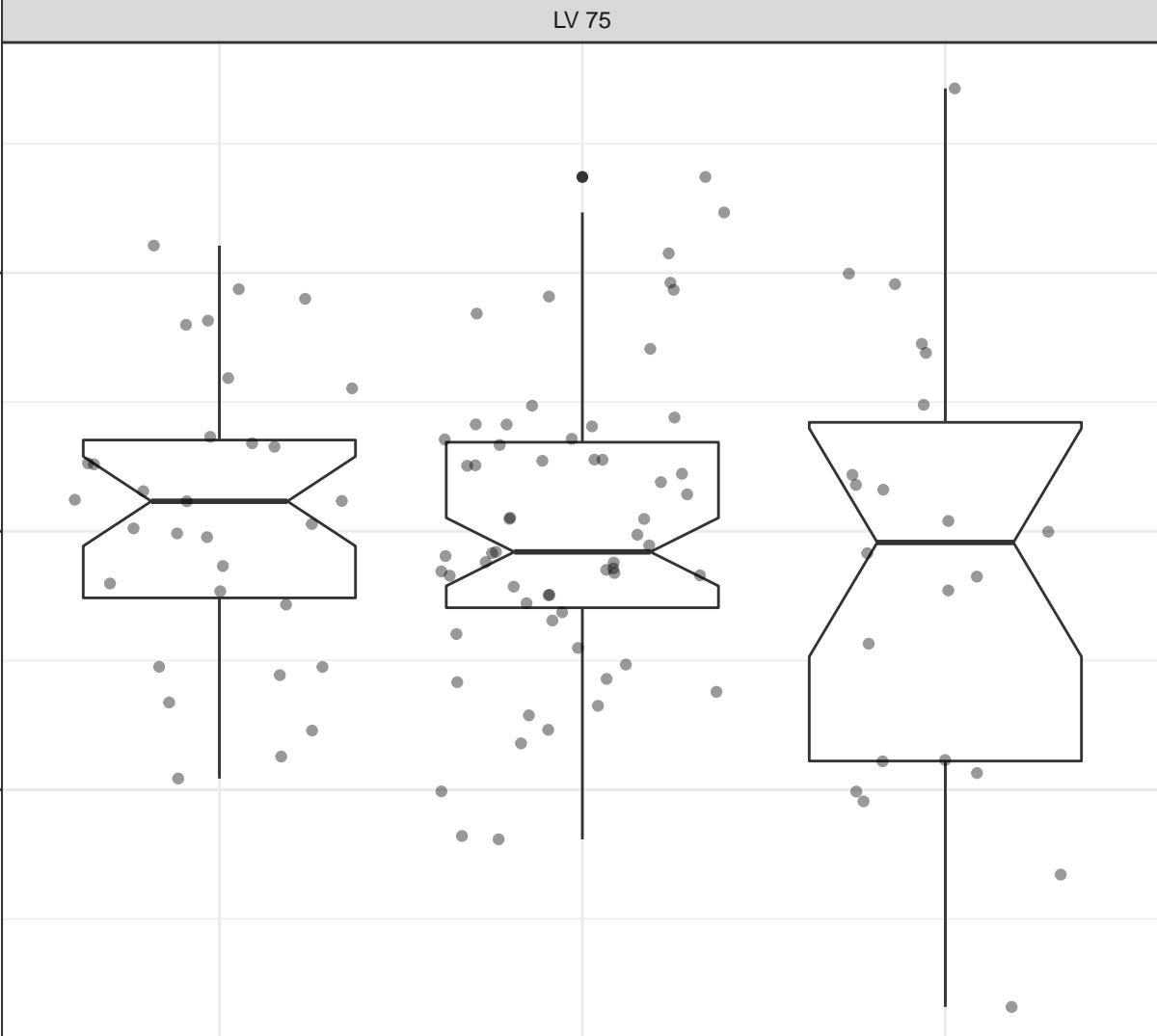
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 76

Value

0.06

0.03

0.00

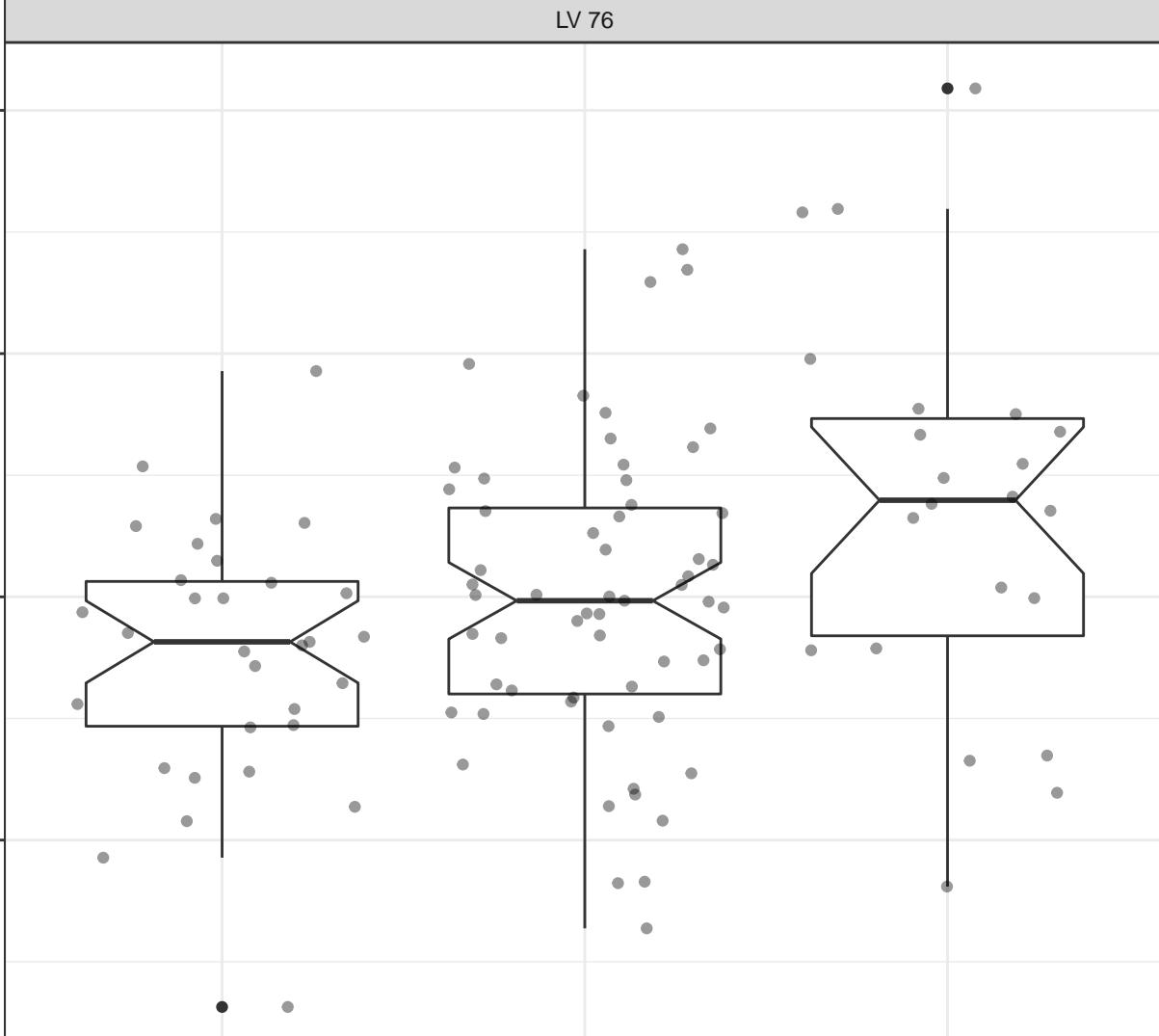
-0.03

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.01

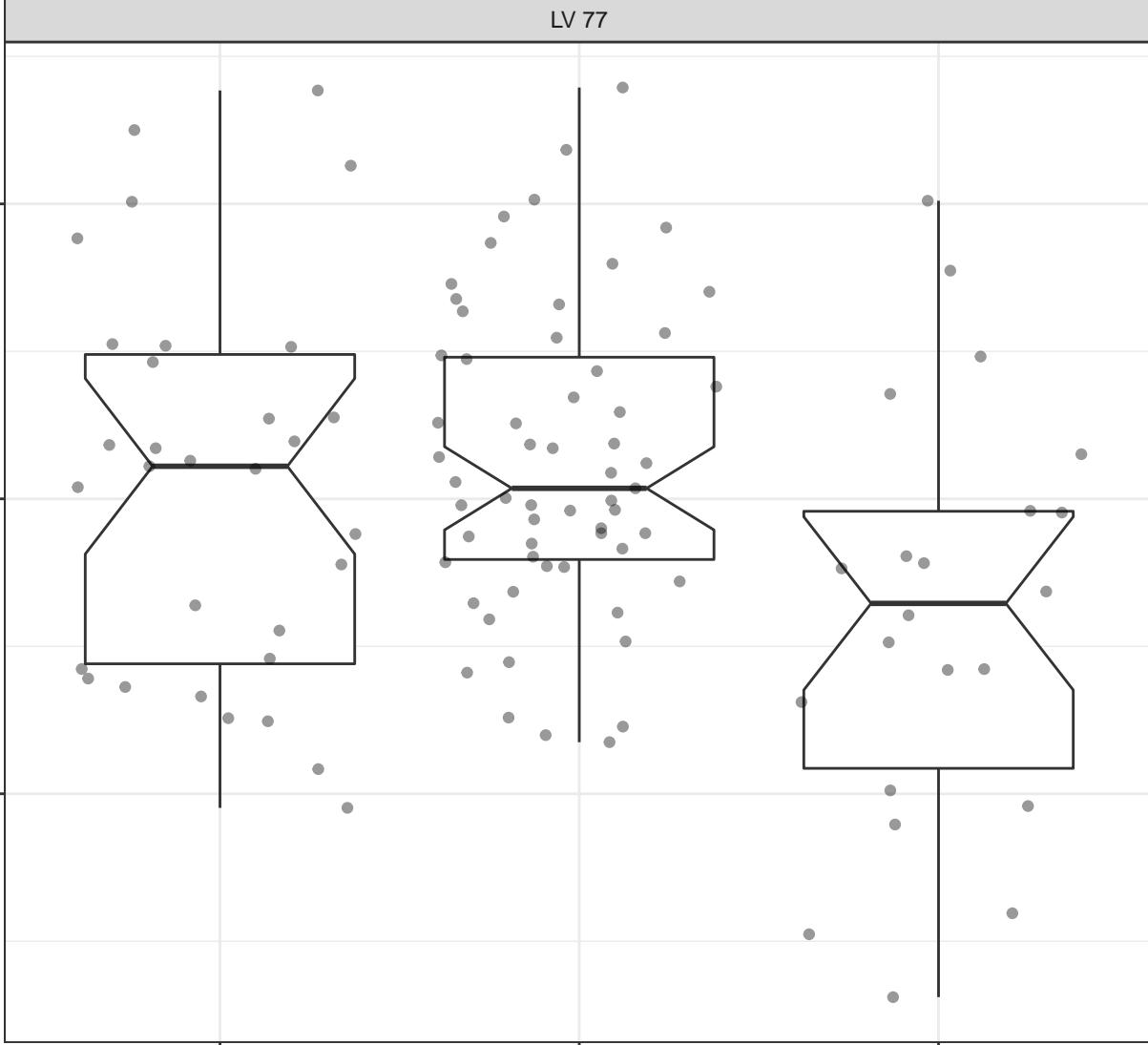
-0.04

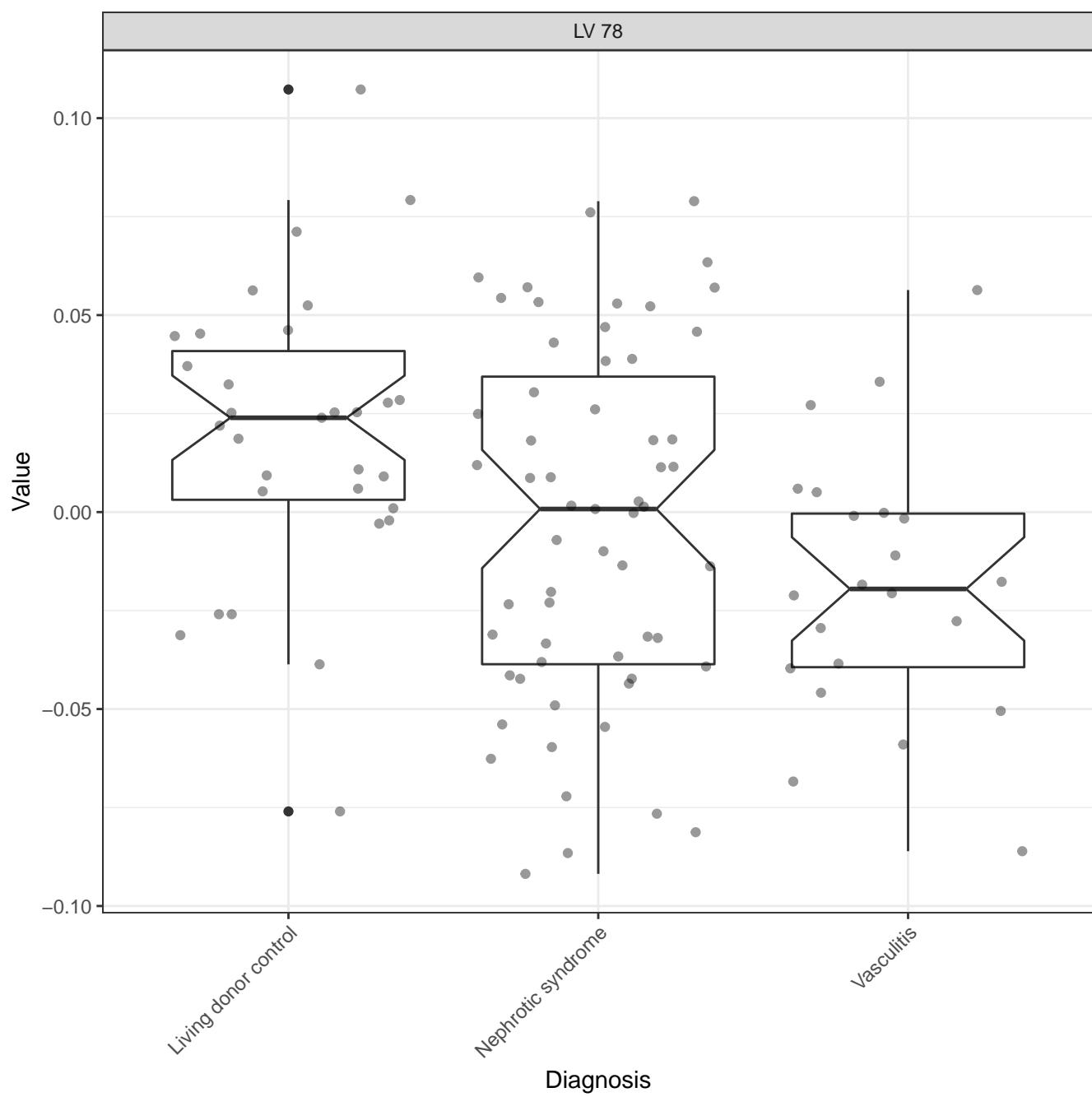
Living donor control

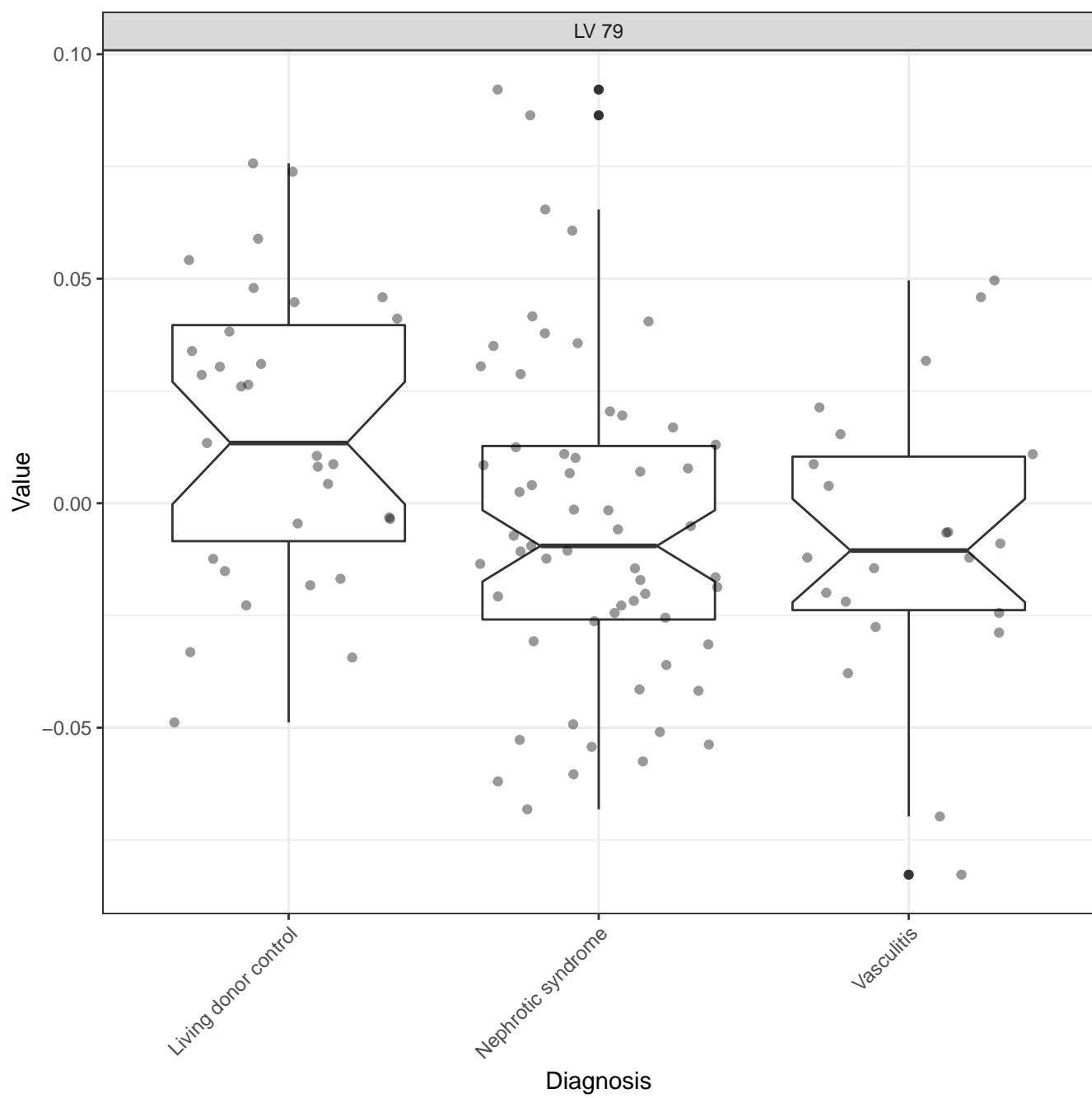
Nephrotic syndrome

Vasculitis

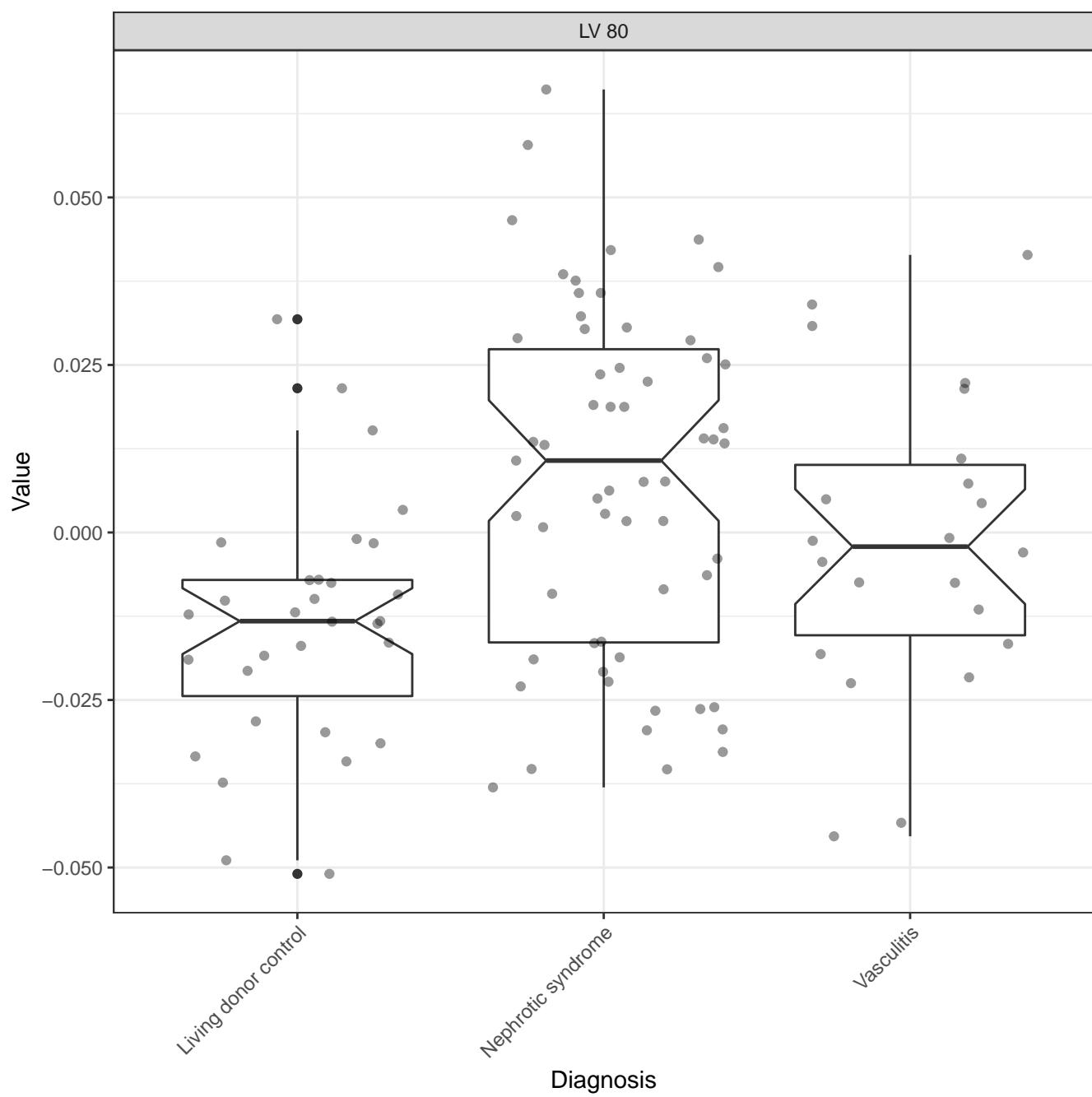
Diagnosis



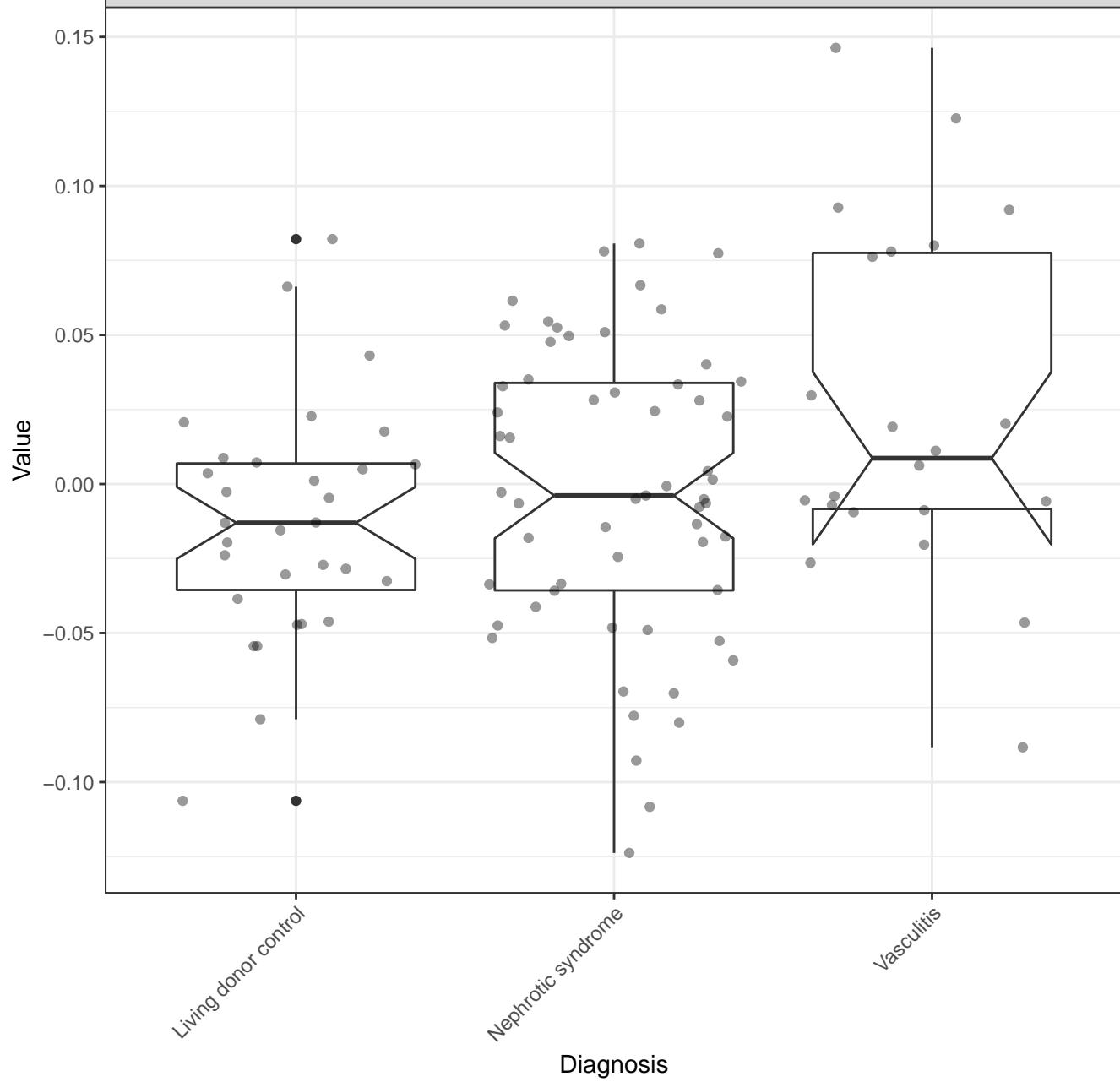




## LV 80



## 81,PID\_INTEGRIN1\_PATHWAY



## 82,PID\_RAC1\_PATHWAY

Value

0.05

0.00

-0.05

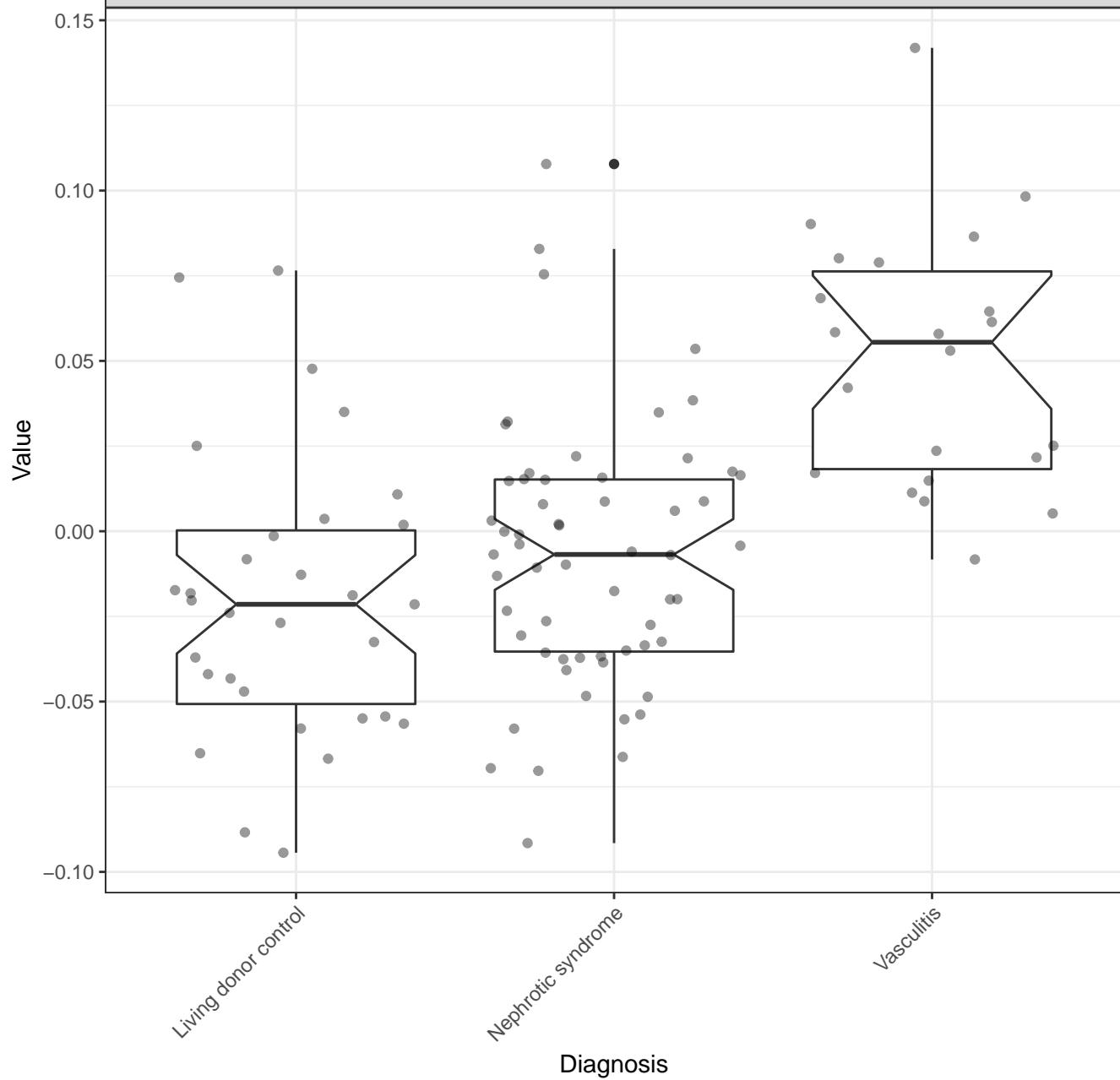
Living donor control

Nephrotic syndrome

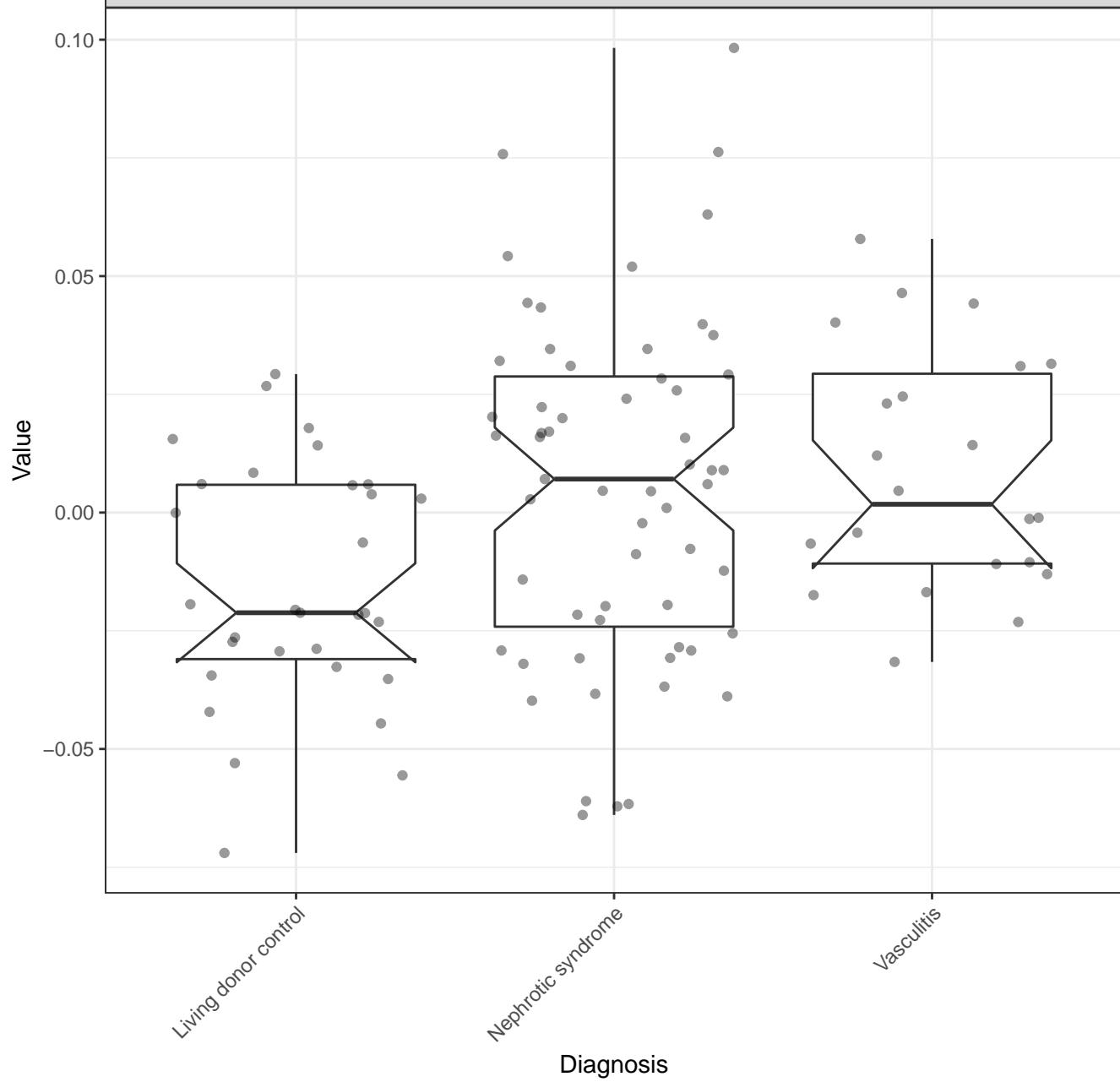
Vasculitis

Diagnosis

LV 83



## 84,KEGG\_SPLICEOSOME



Value

0.02

0.00

-0.02

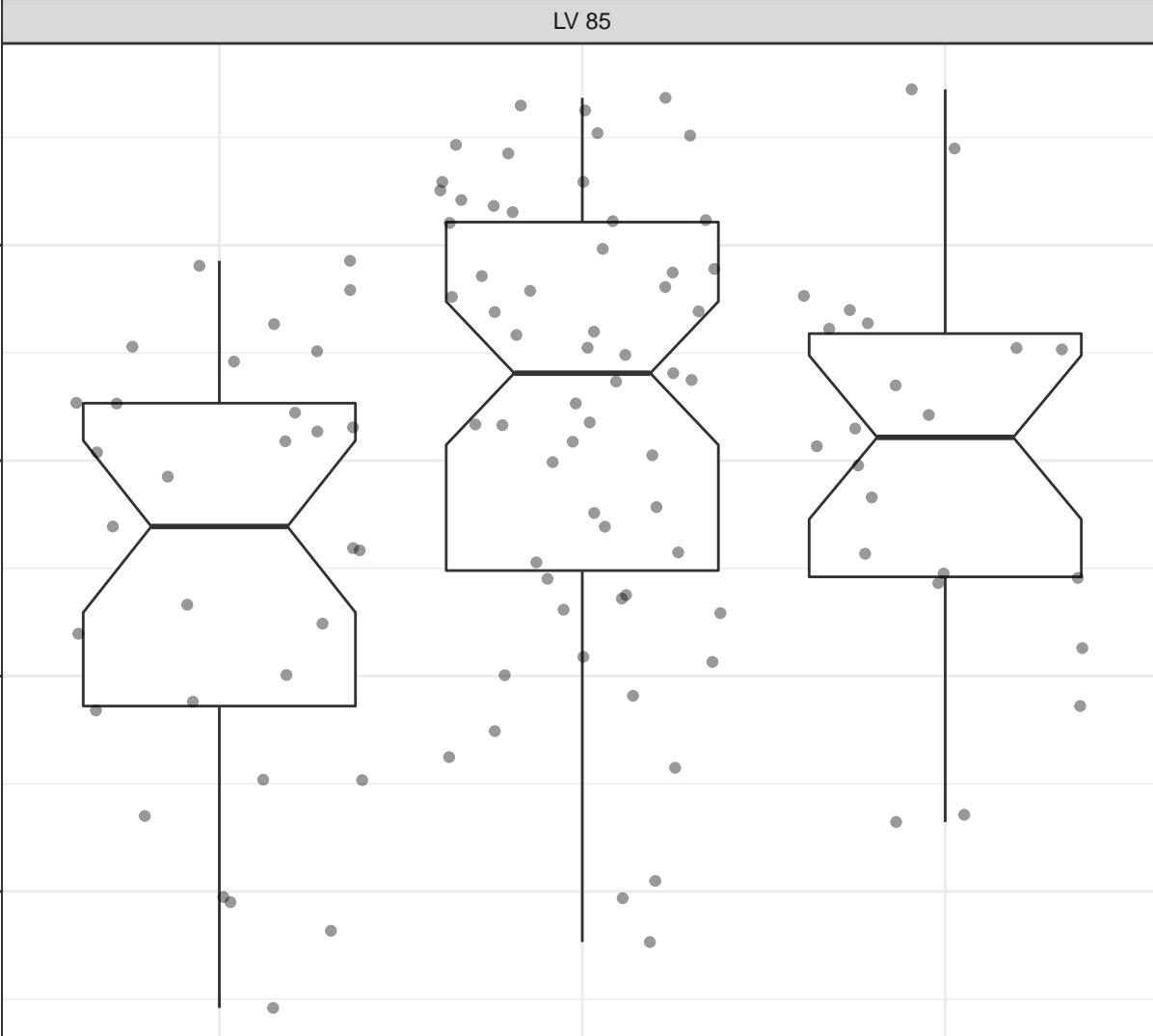
-0.04

Living donor control

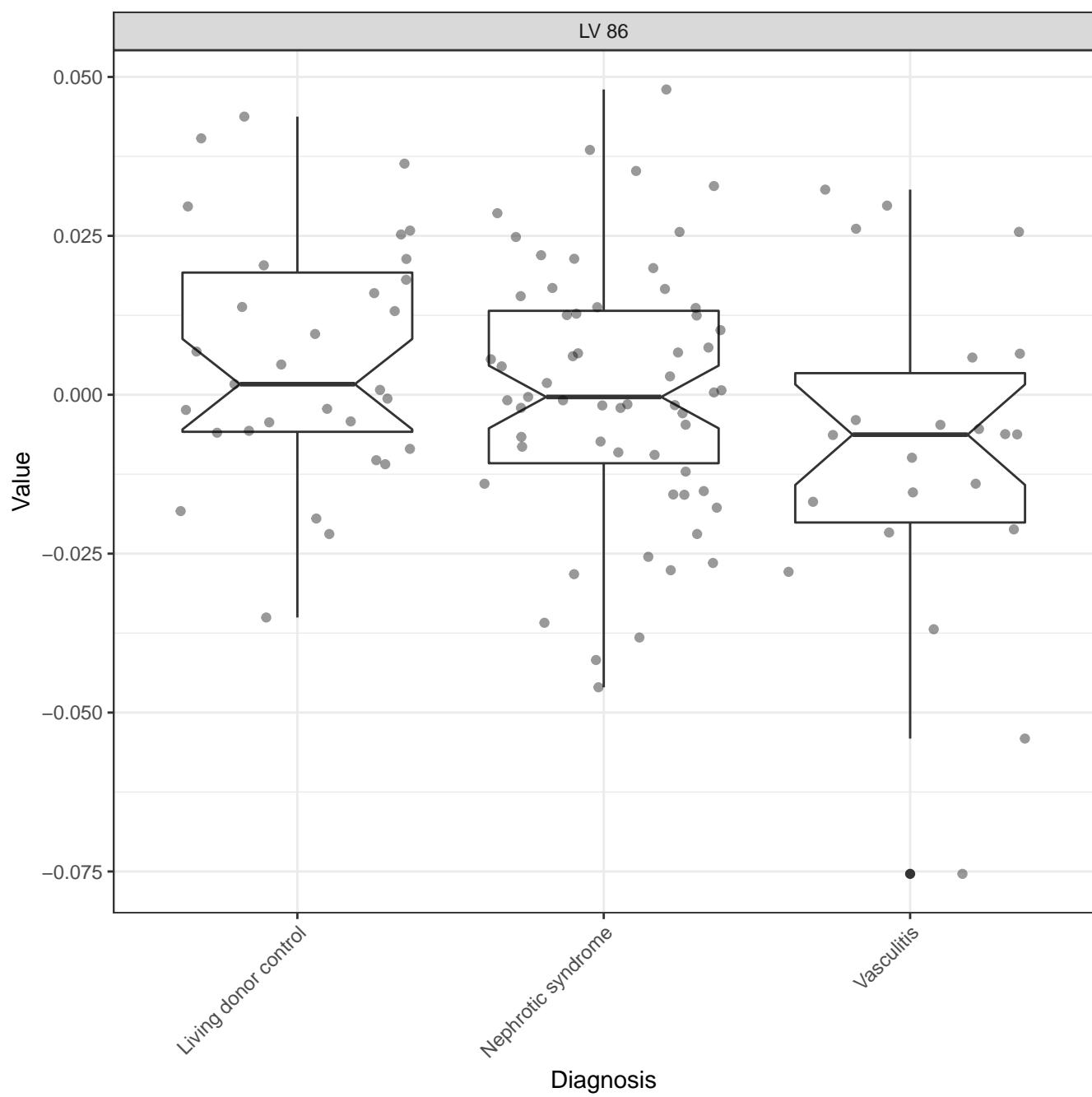
Nephrotic syndrome

Vasculitis

Diagnosis



LV 86



LV 87

Value

0.04

0.01

-0.04

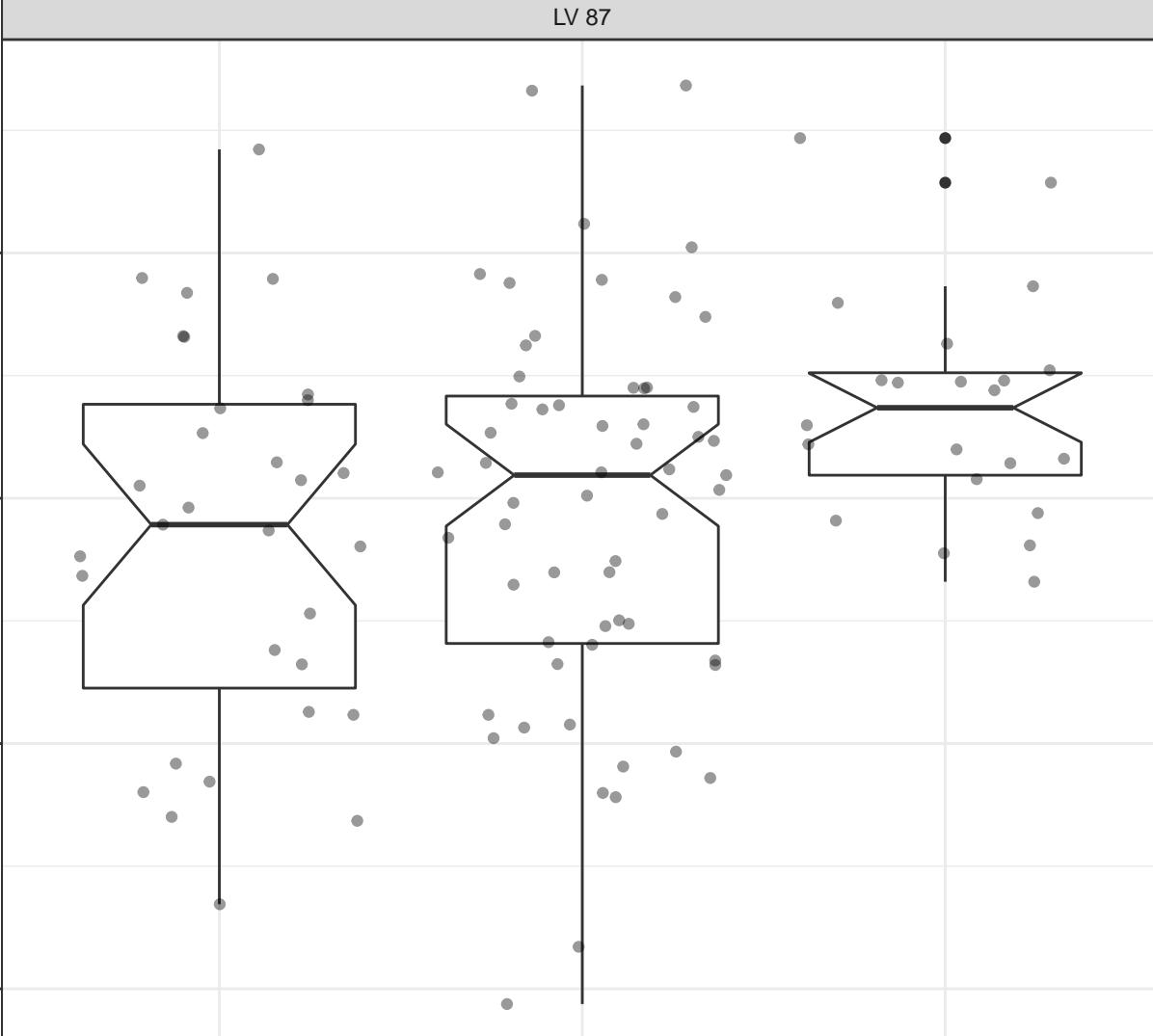
-0.08

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

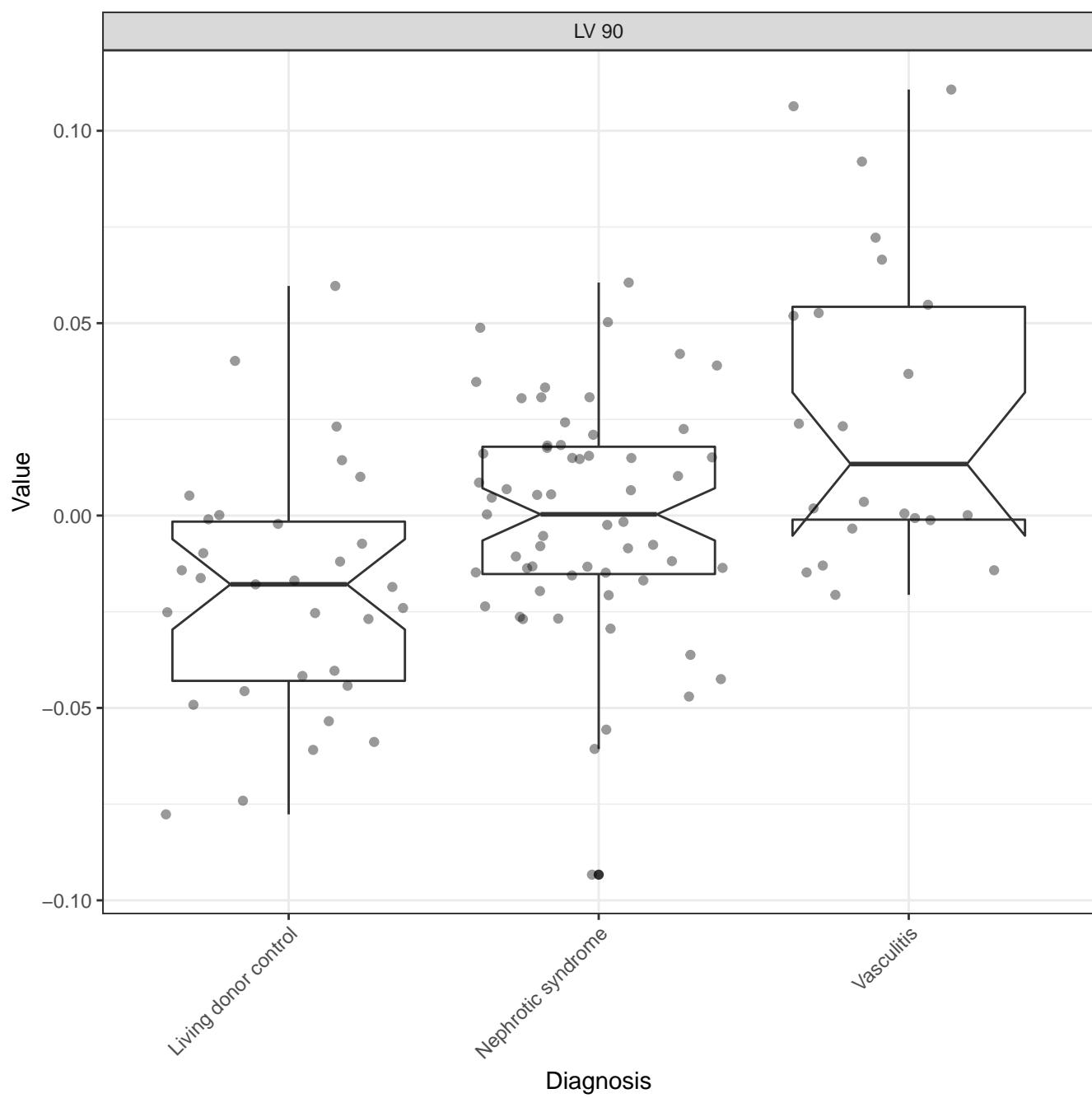
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 90



## 91,KEGG\_LYSOSOME

Value

0.2

0.1

0.0

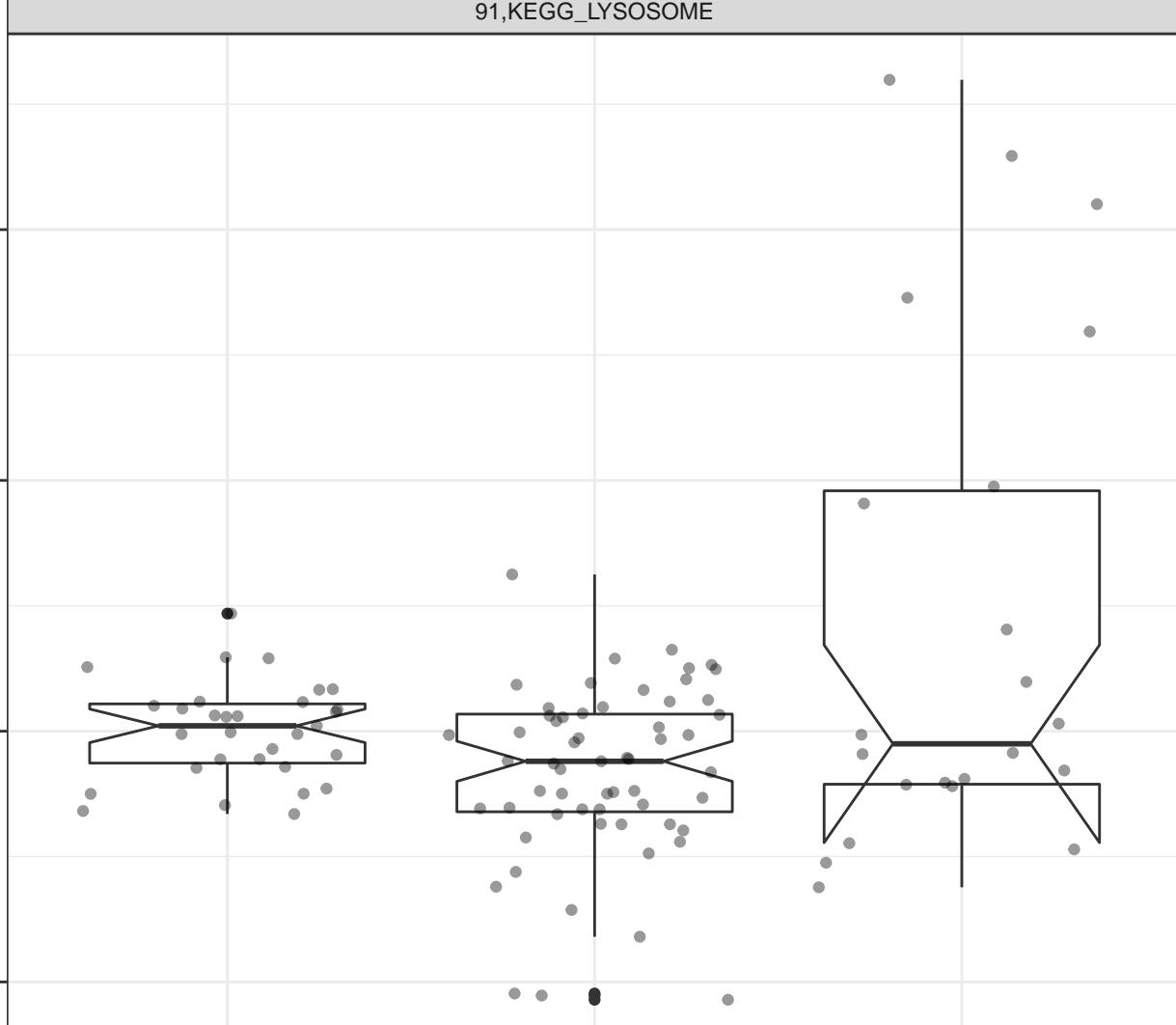
-0.1

Living donor control

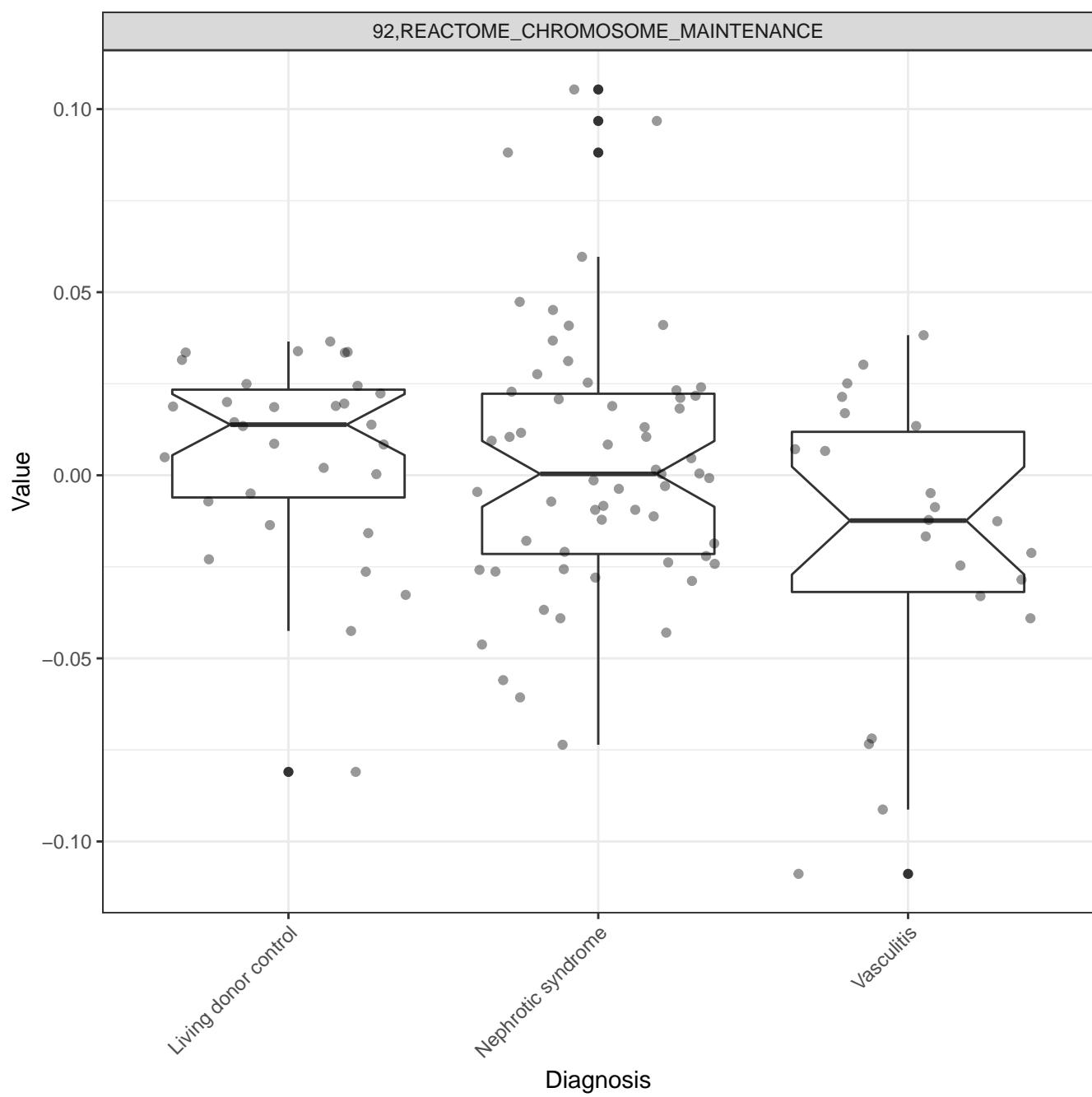
Nephrotic syndrome

Vasculitis

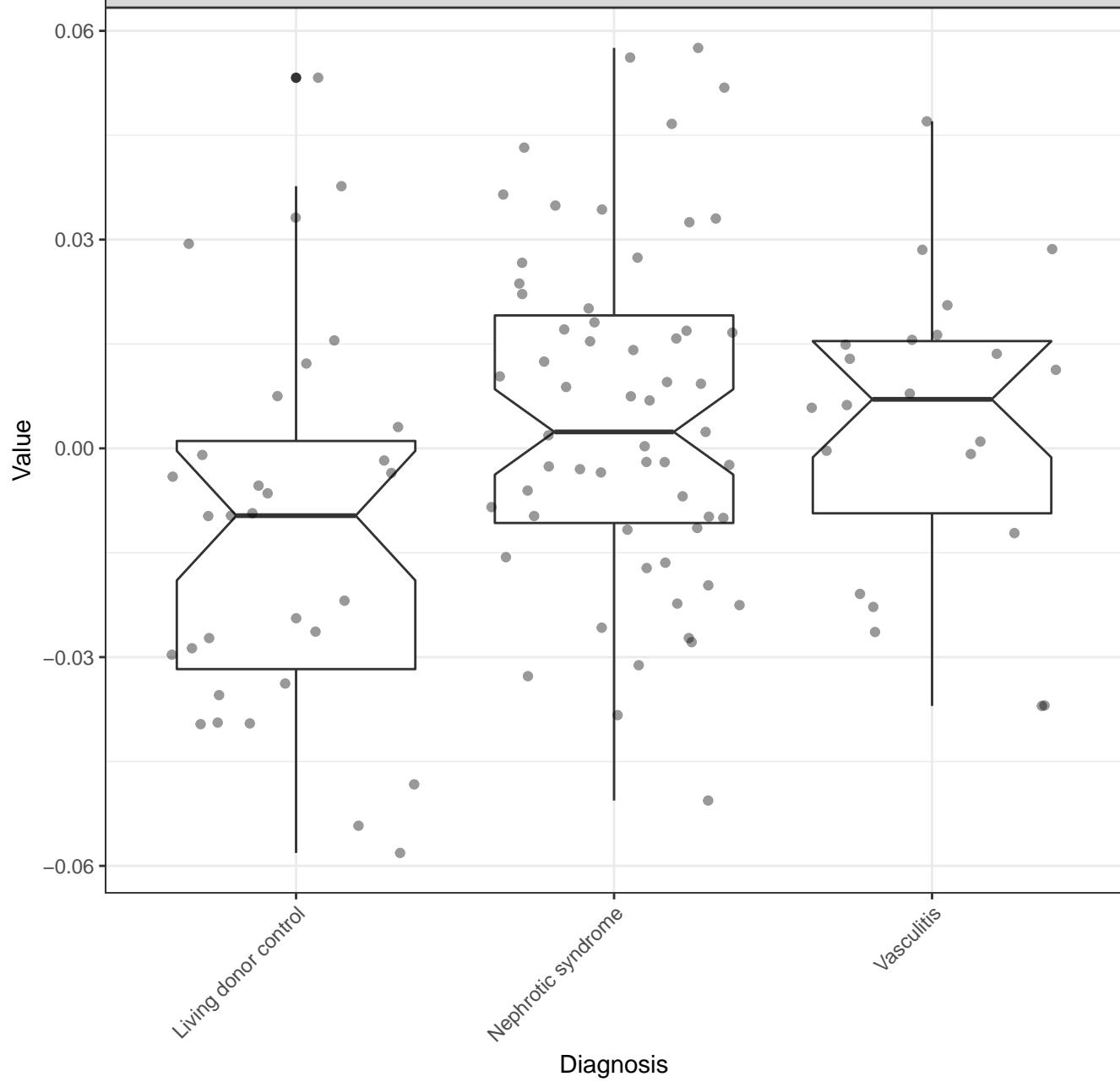
Diagnosis



## 92,REACTOME\_CHROMOSOME\_MAINTENANCE



LV 93



Value

0.05

0.00

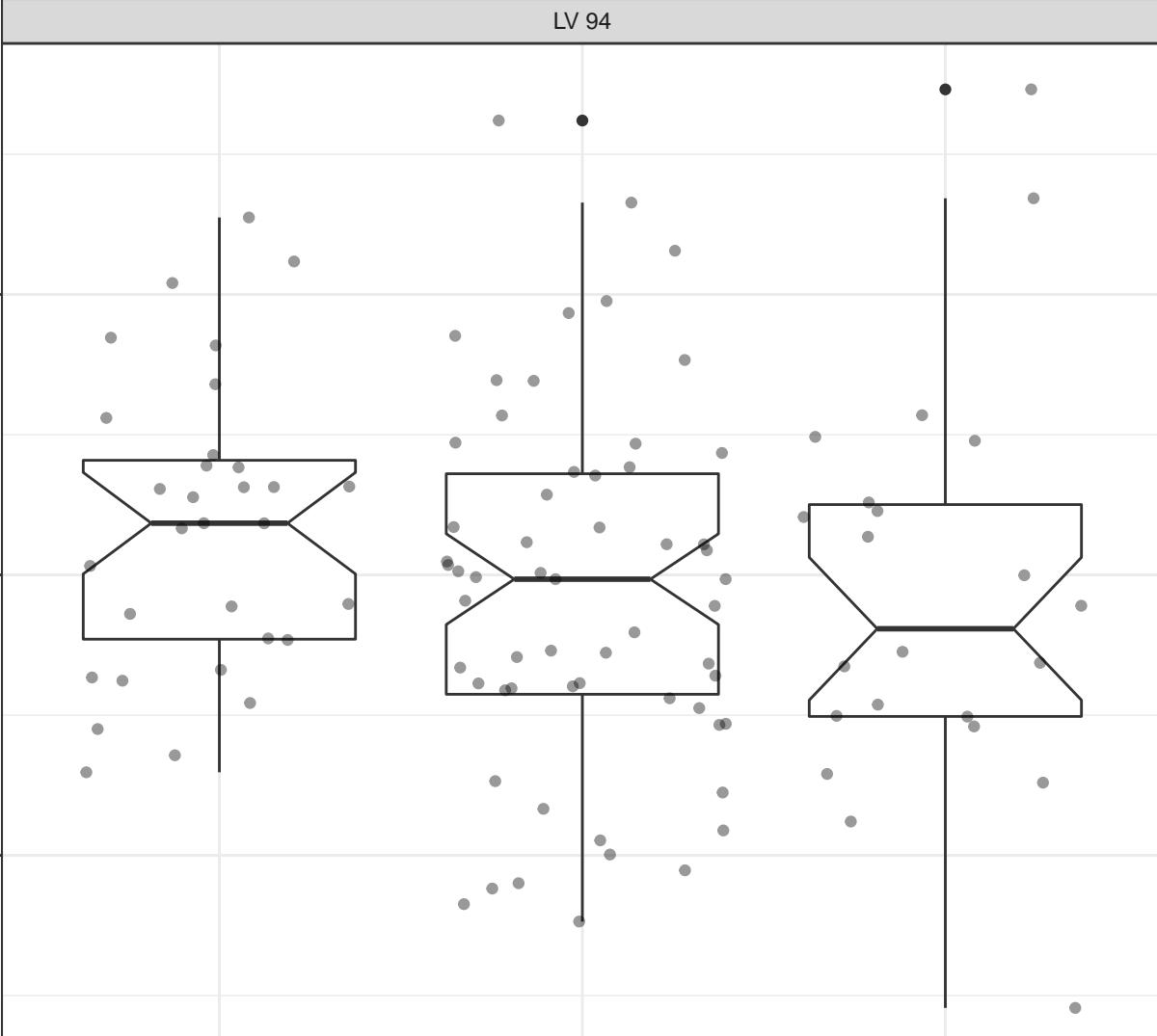
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 95

Value

0.08

0.04

0.00

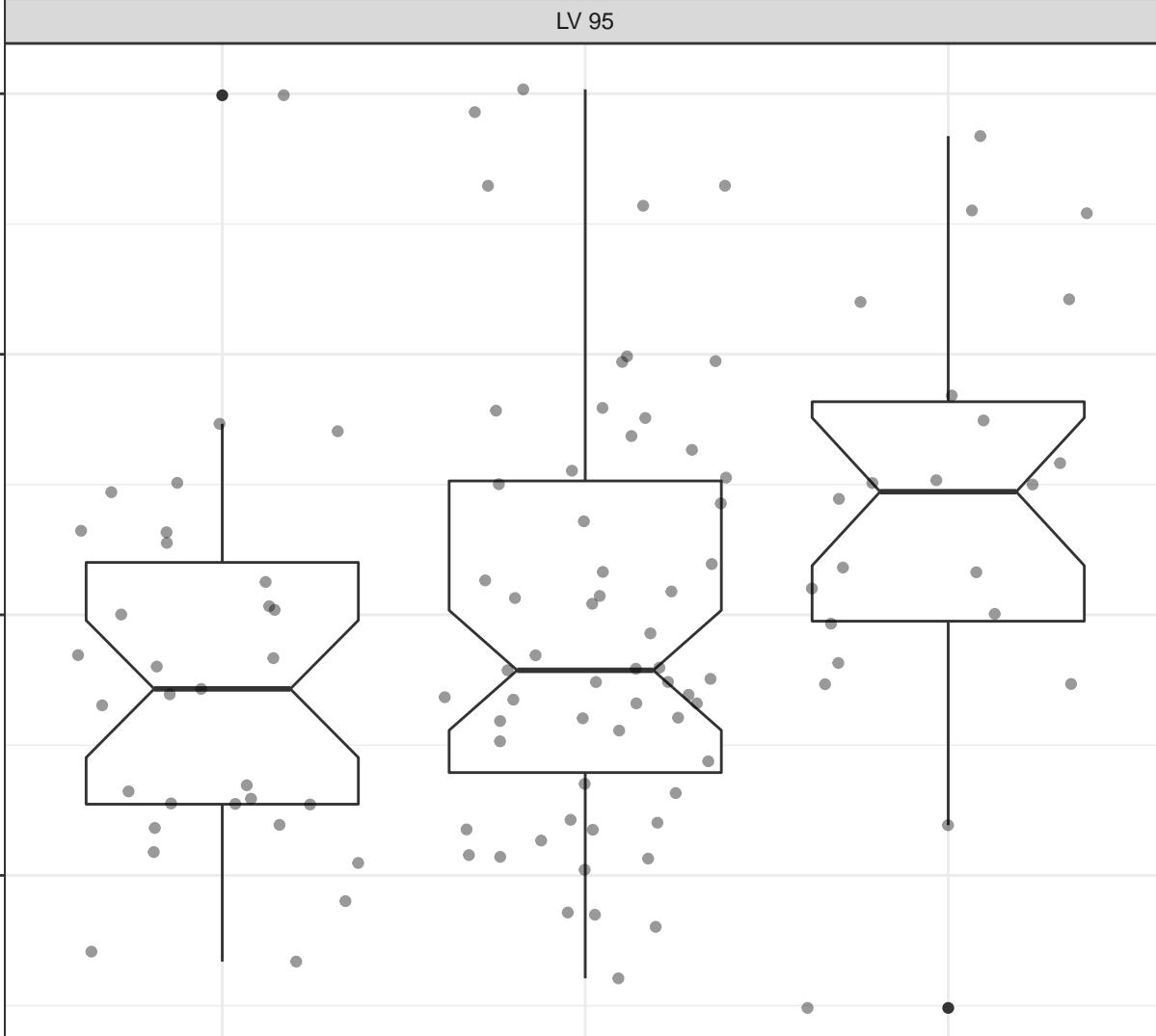
-0.04

Living donor control

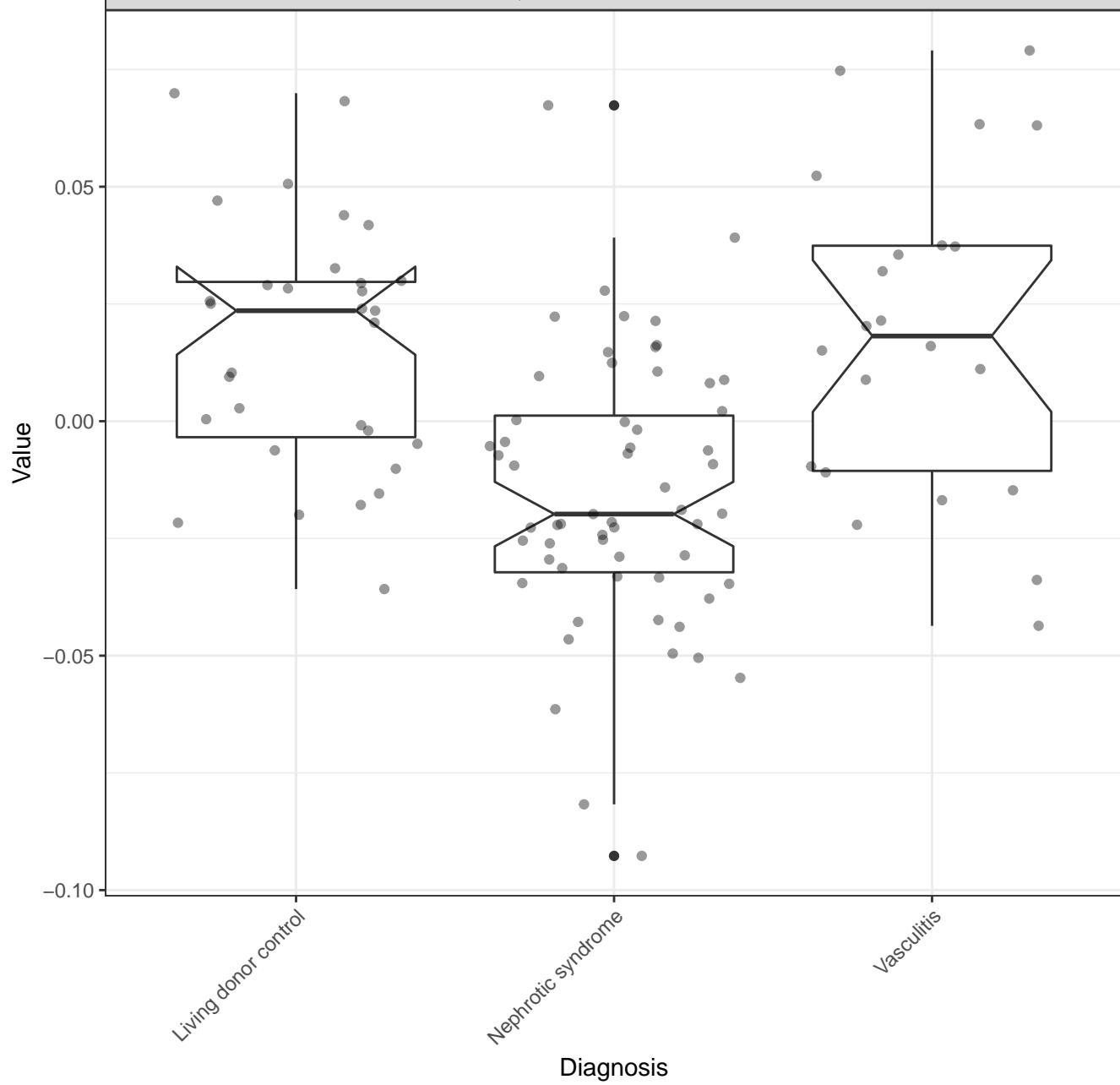
Nephrotic syndrome

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

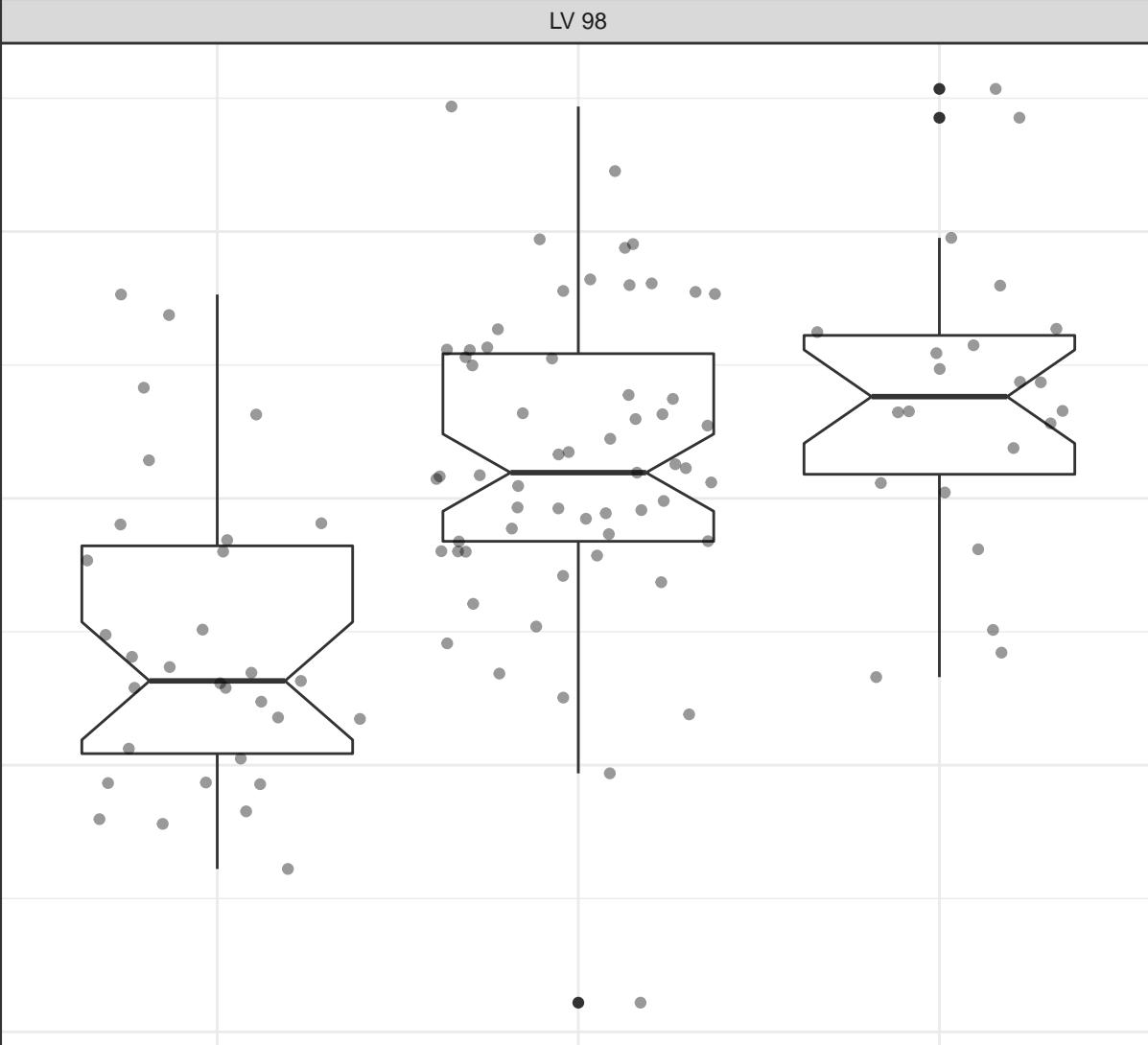
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 99

Value

0.05

0.00

-0.05

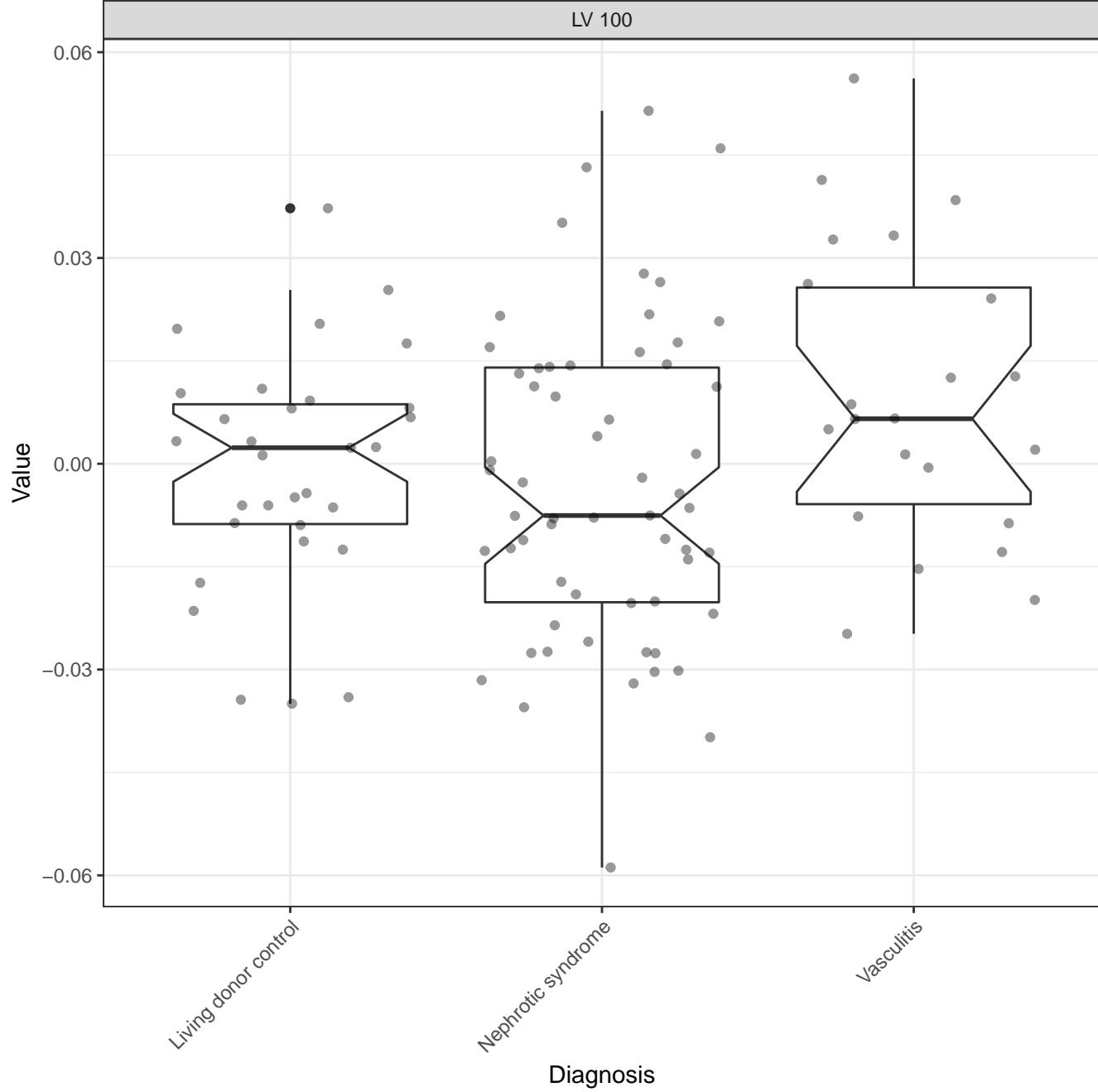
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 100



## 101,DMAP\_NKA3

Value

0.04

0.00

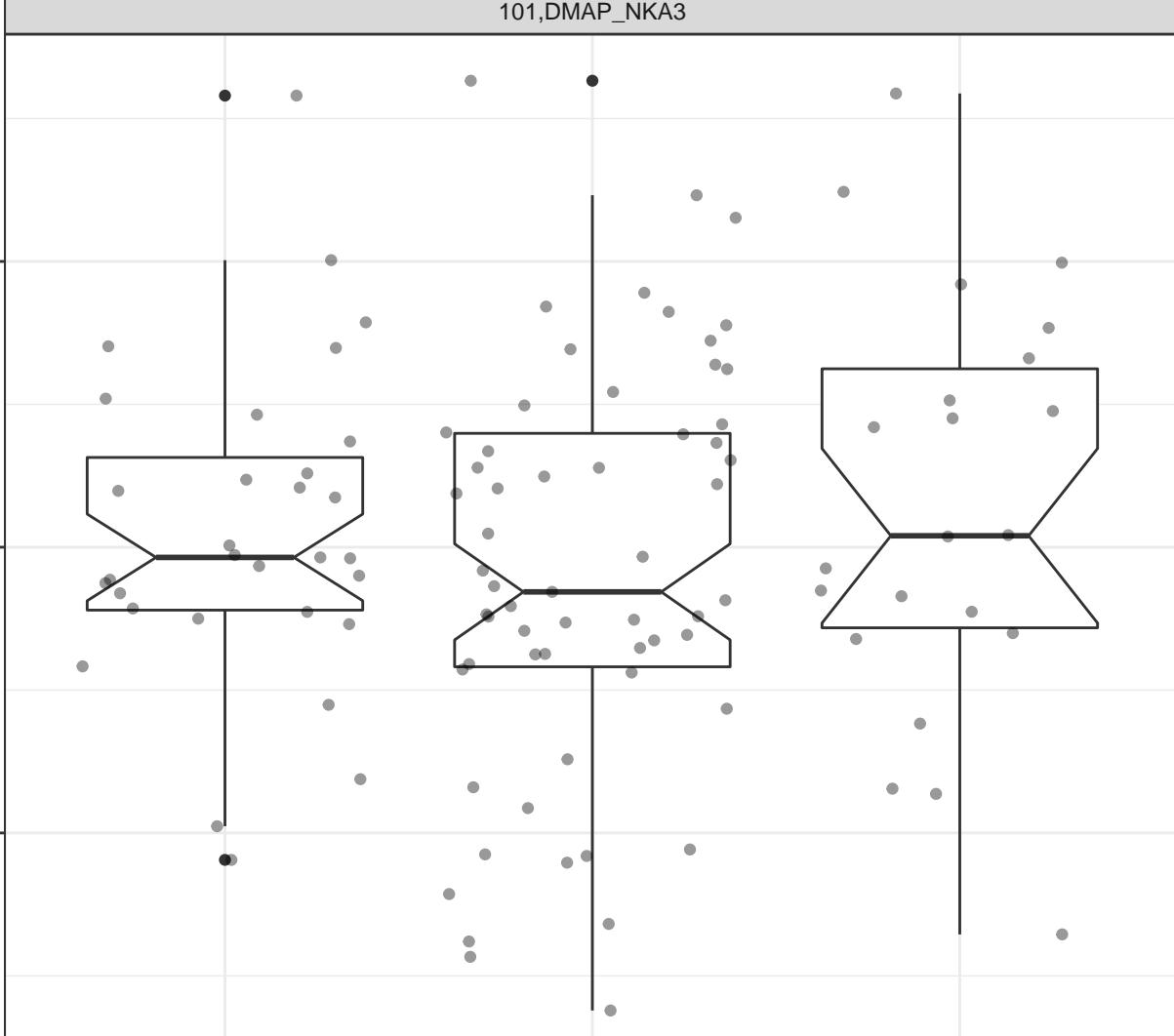
-0.04

Living donor control

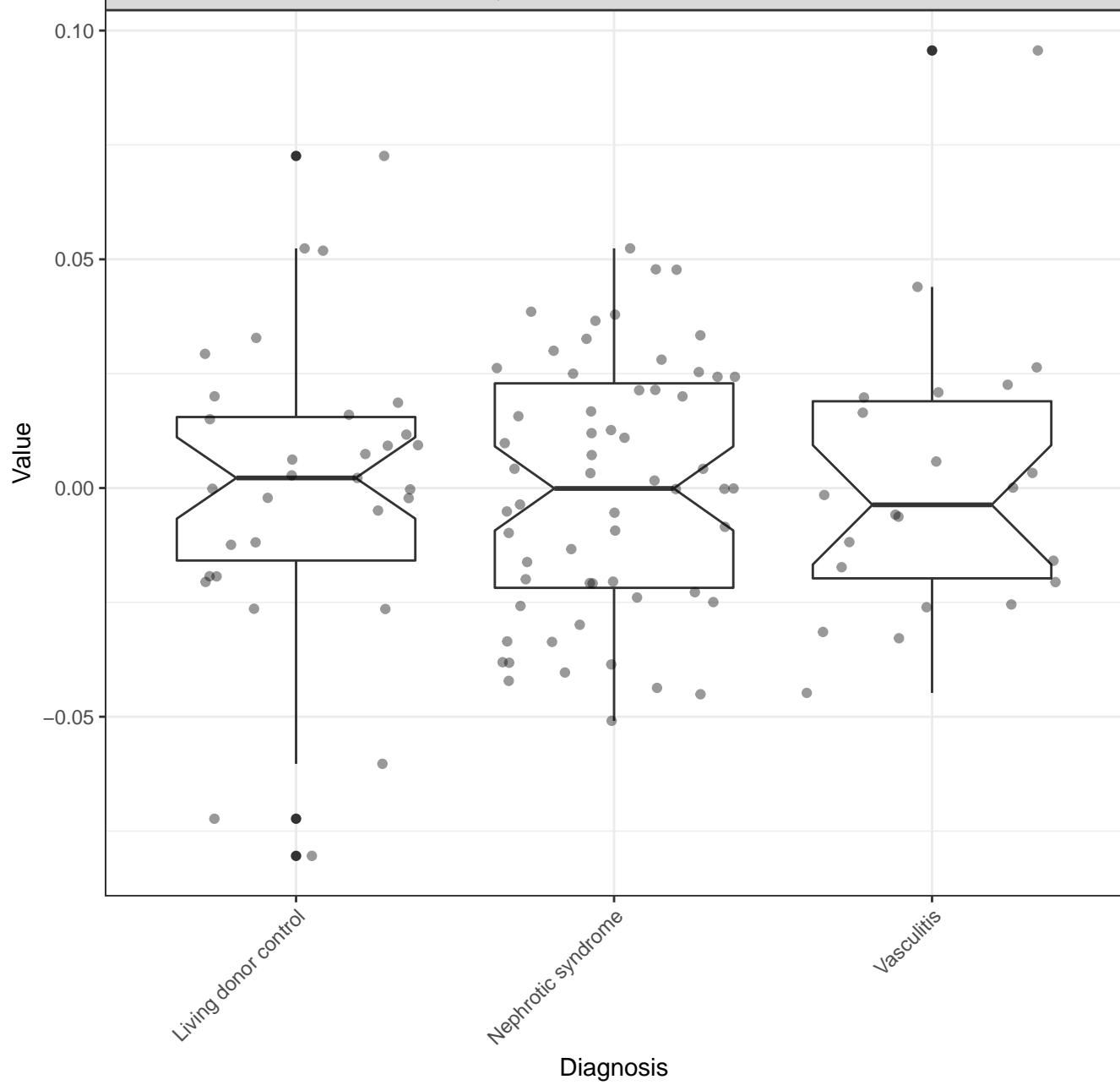
Nephrotic syndrome

Vasculitis

Diagnosis



## 102,BIOCARTA\_NFAT\_PATHWAY



LV 103

Value

0.08

0.04

0.00

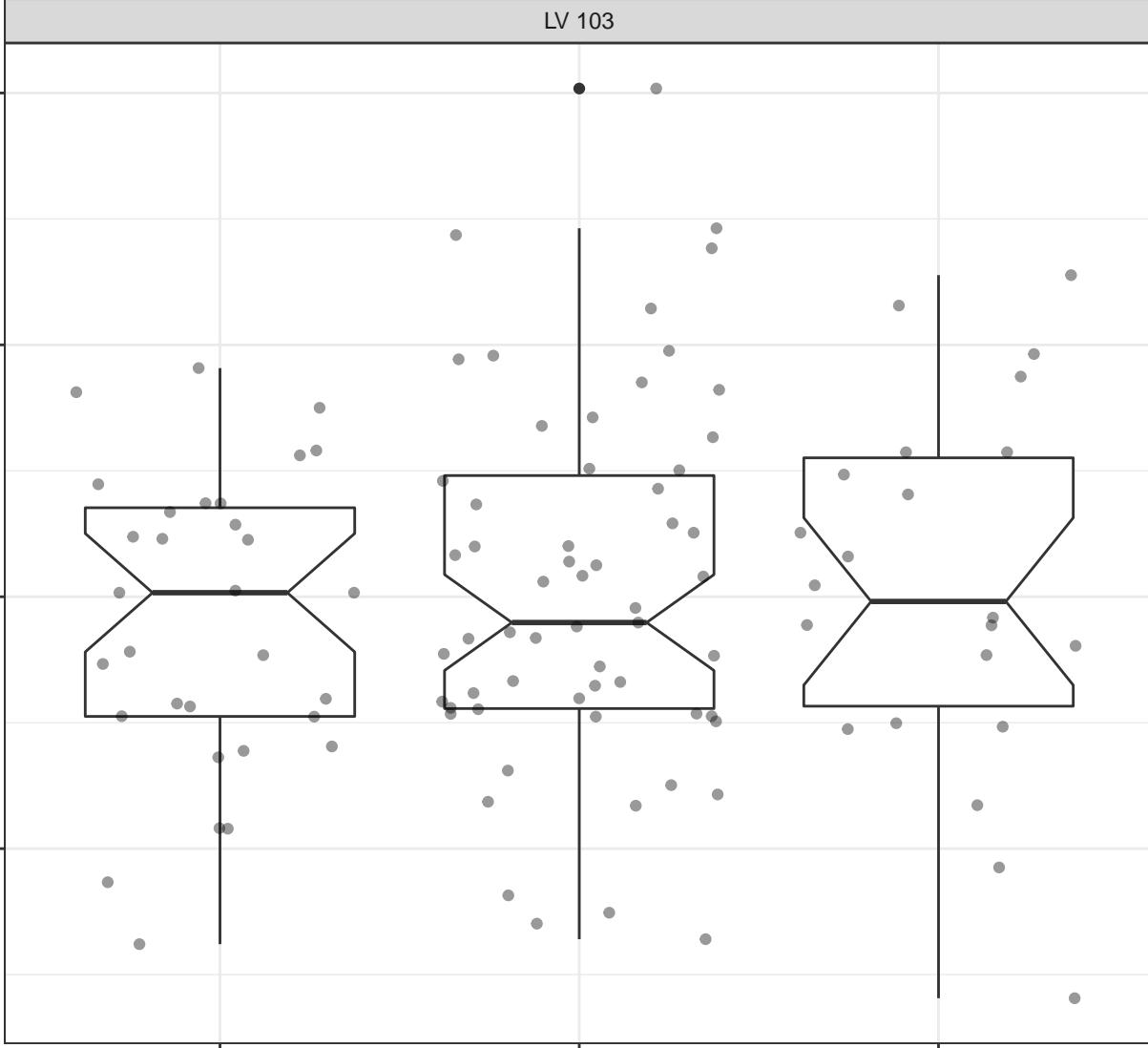
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

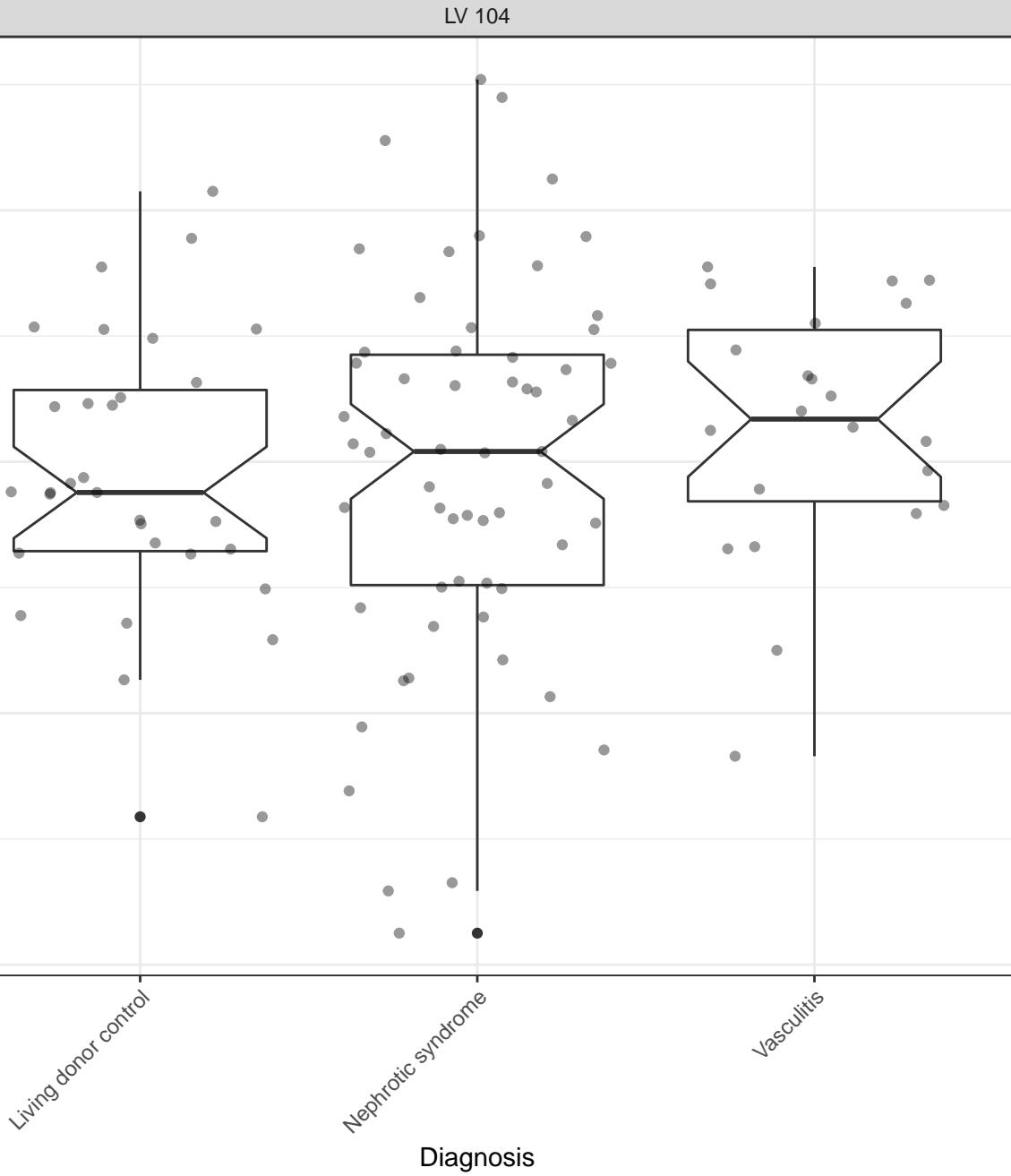
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

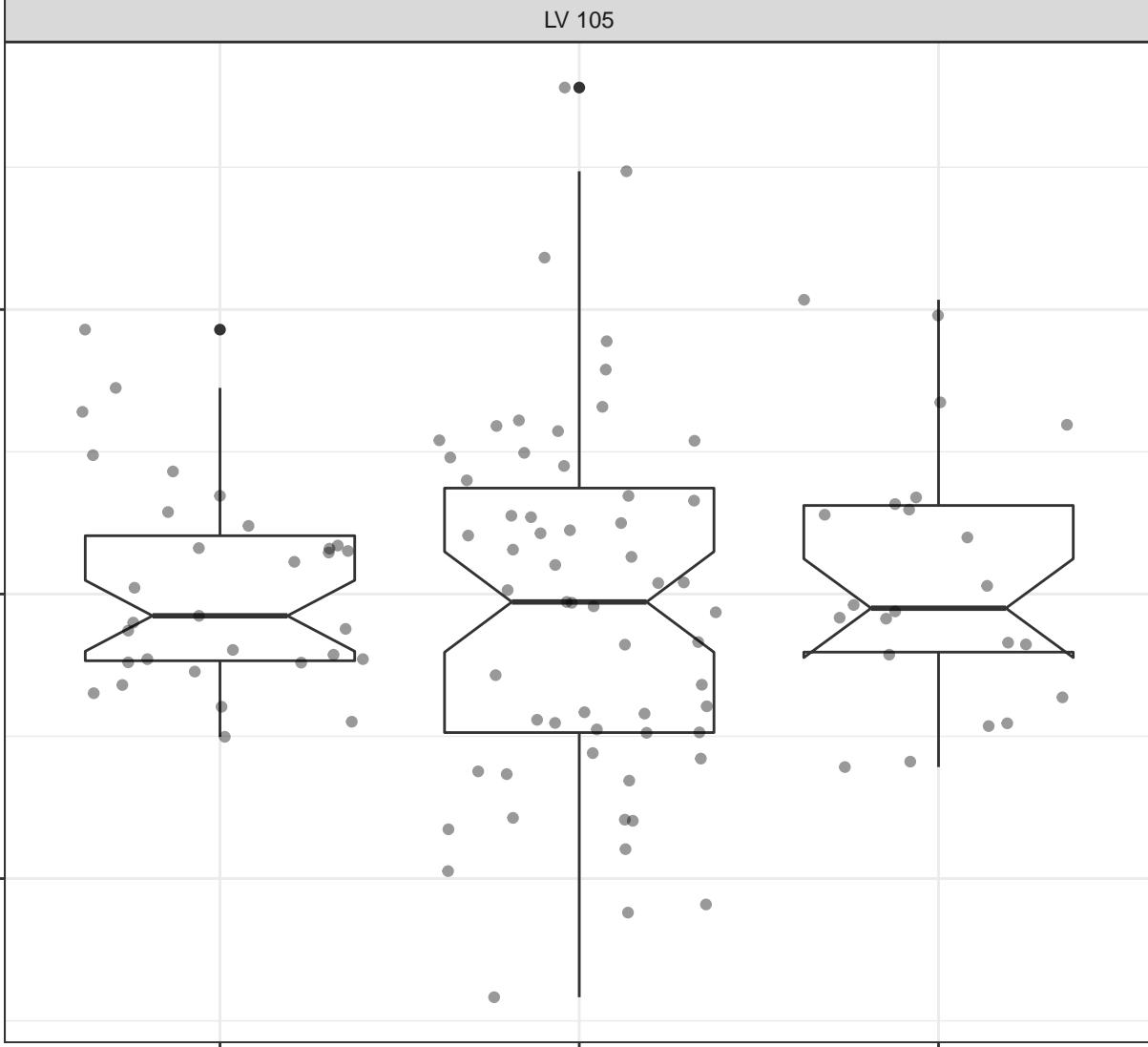
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

-0.05

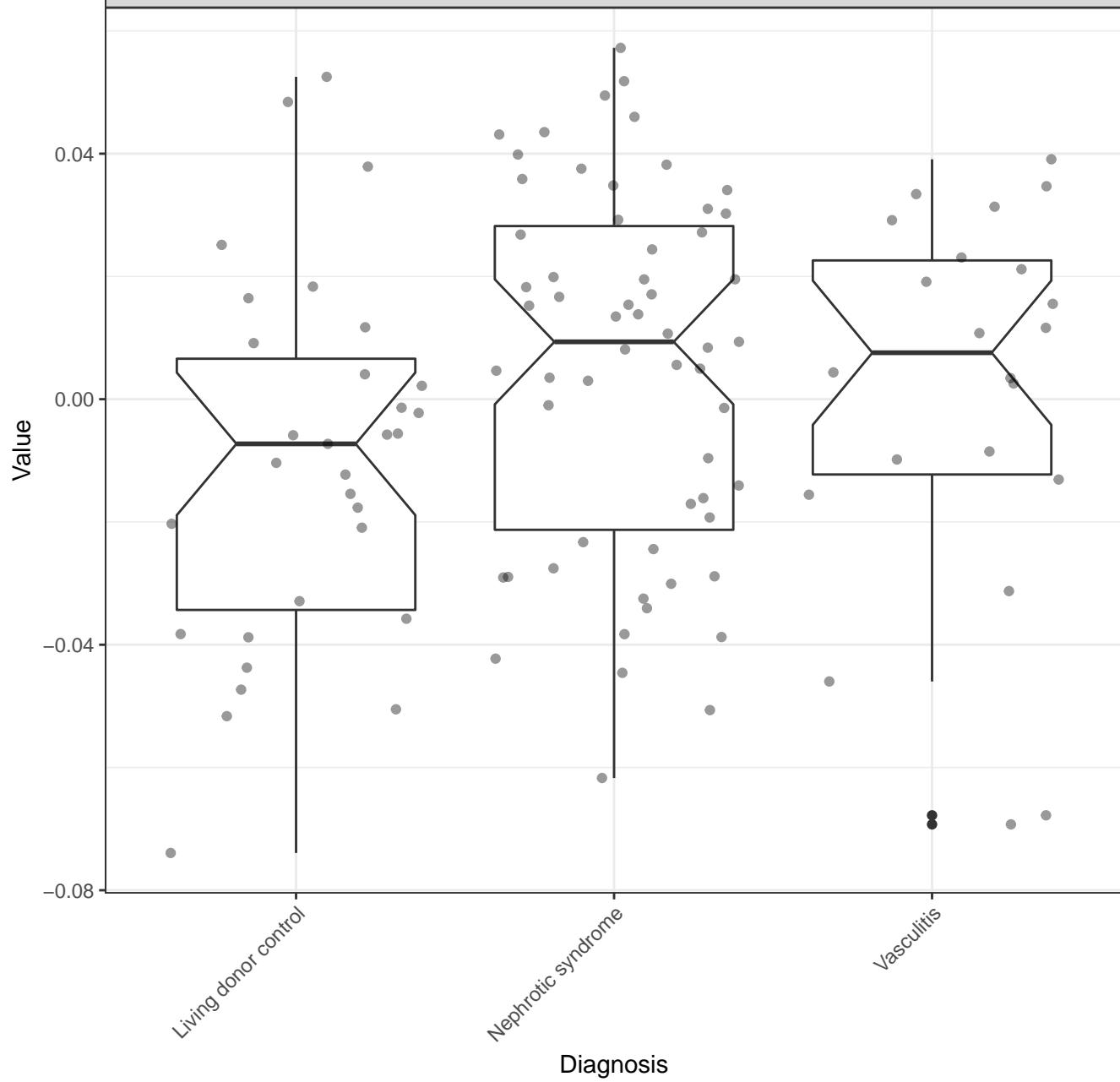
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 108

Value

0.10

0.05

0.00

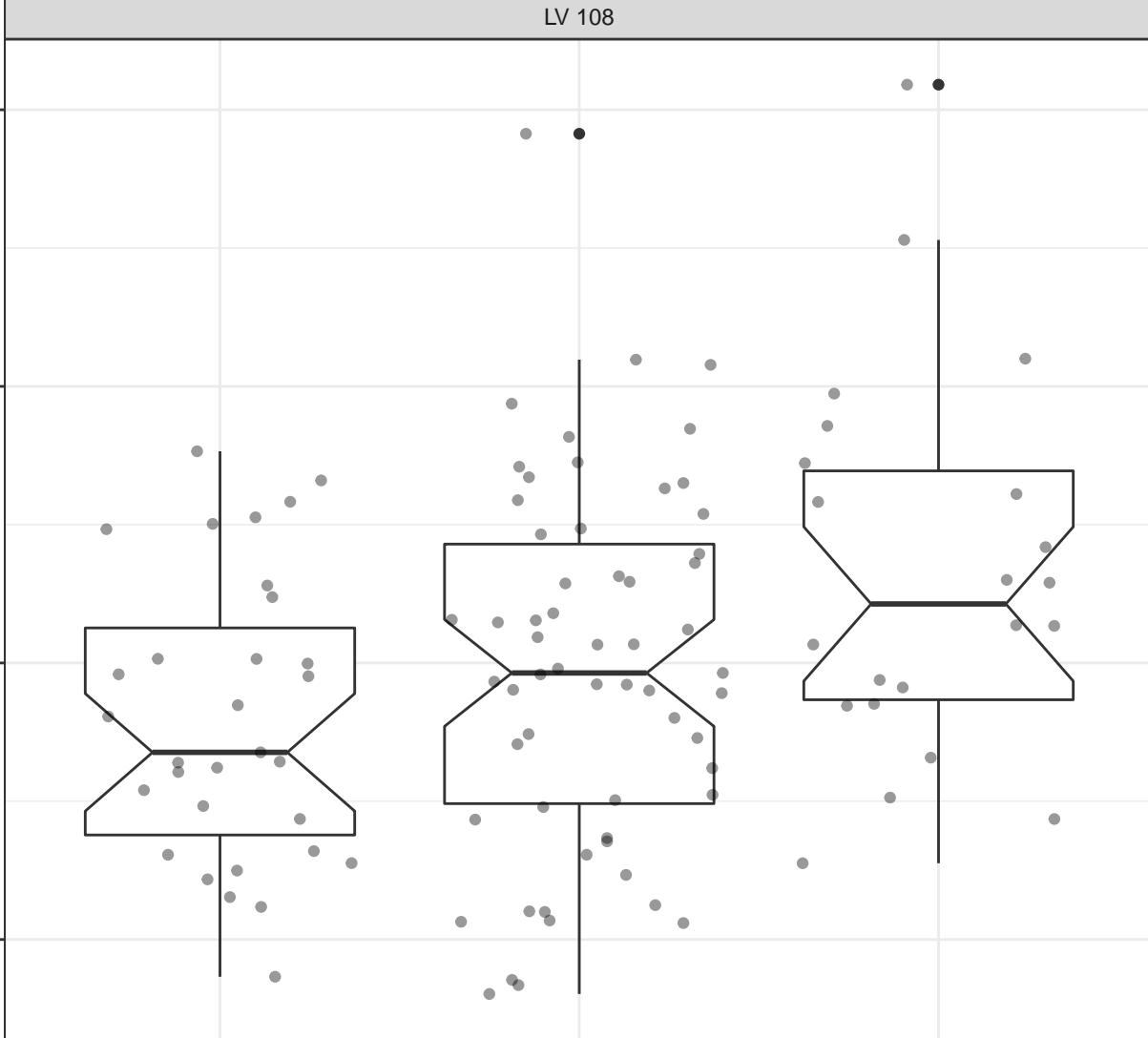
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

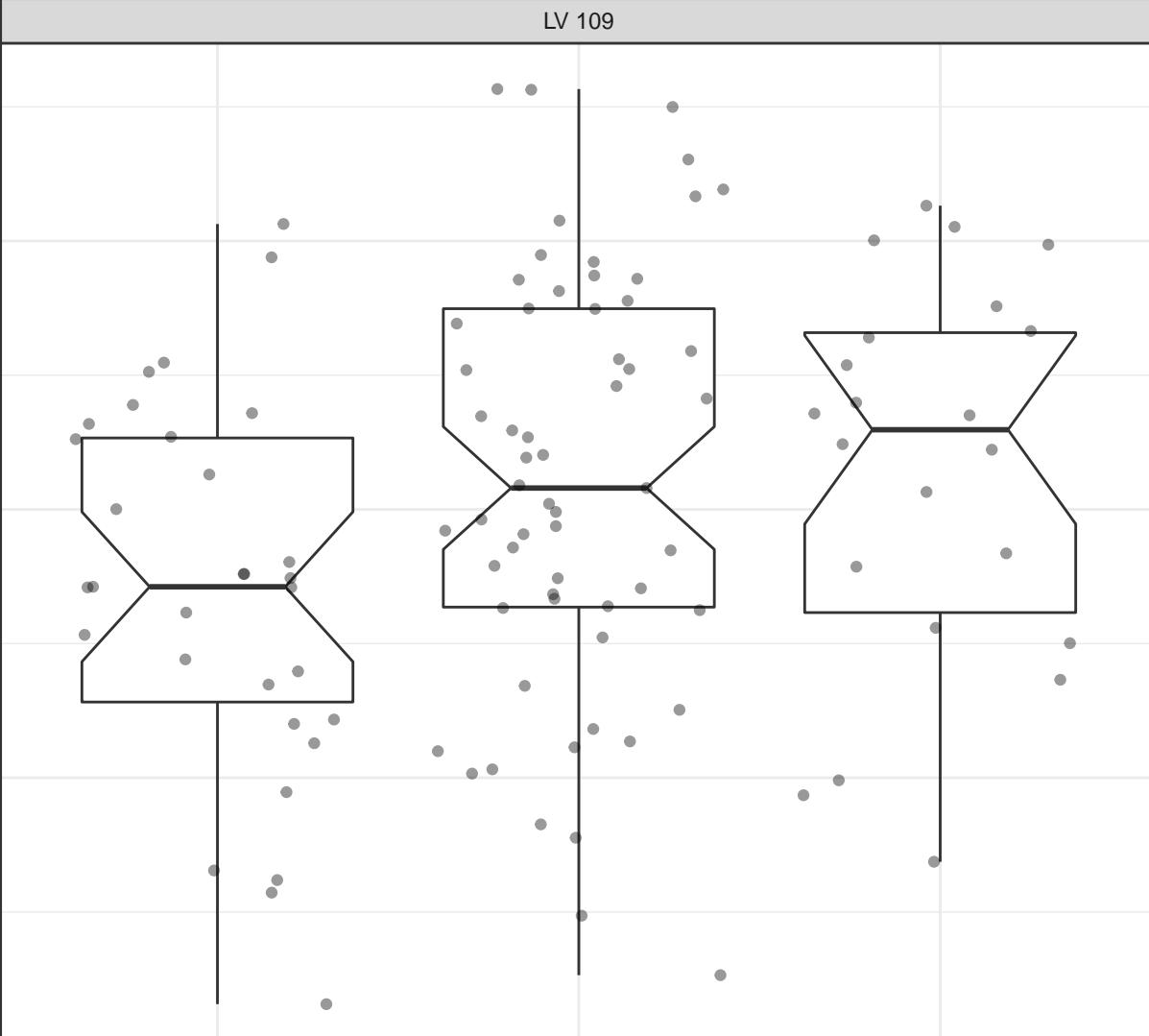
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 110,REACTOME\_MEIOSIS

Value

0.10

0.05

0.00

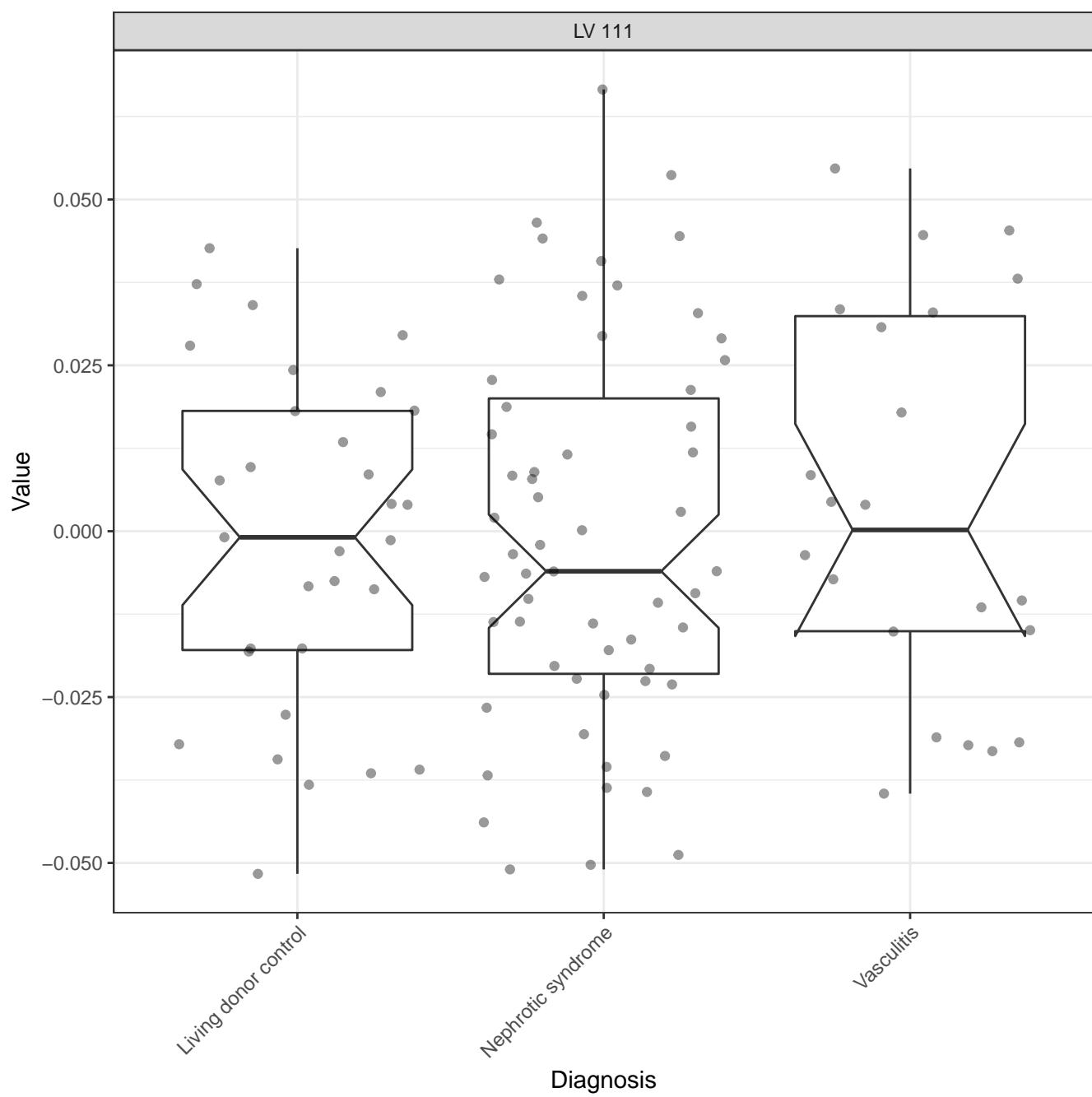
-0.05

Living donor control

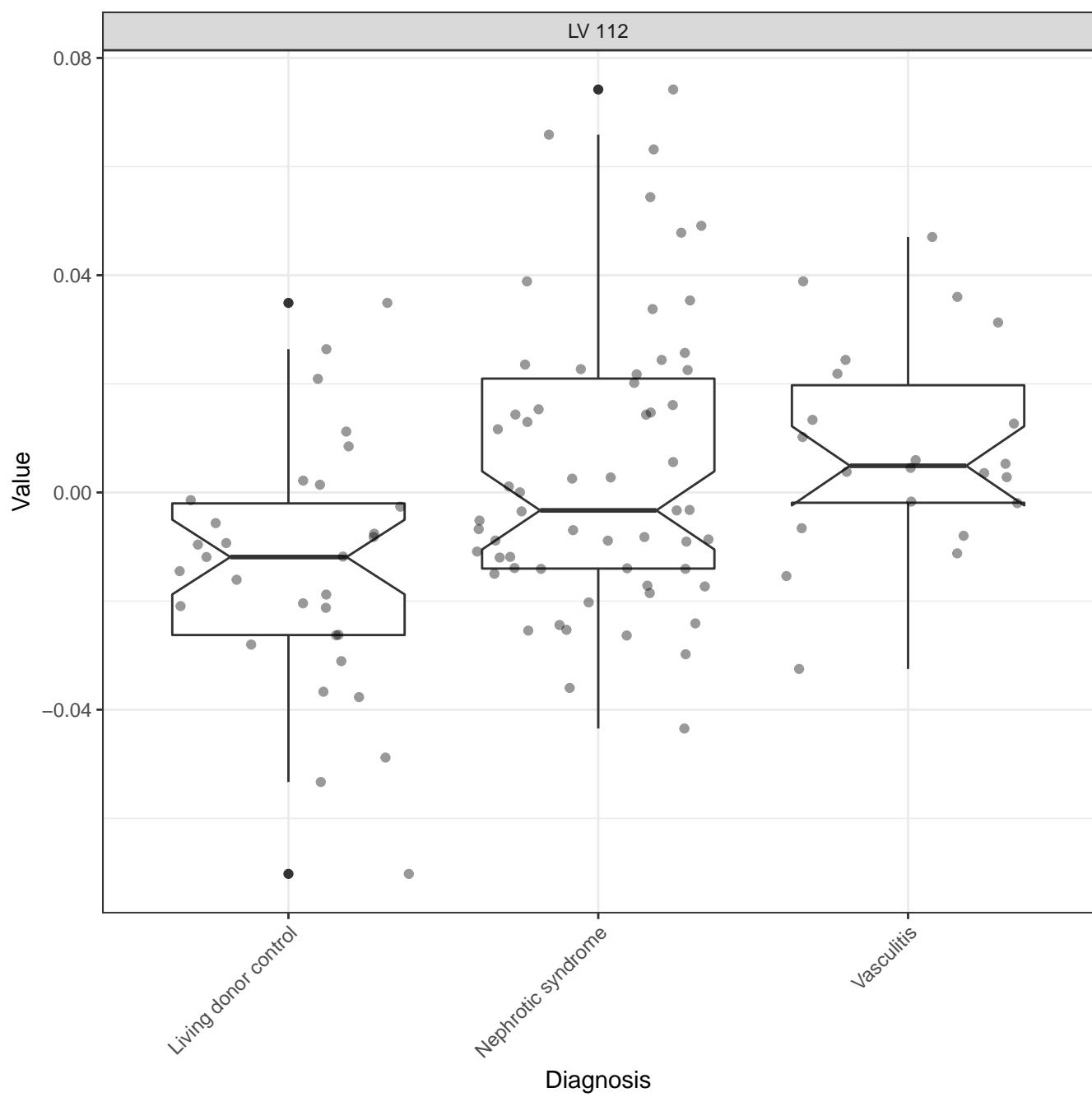
Nephrotic syndrome

Vasculitis

Diagnosis



LV 112



Value

0.05

0.00

-0.05

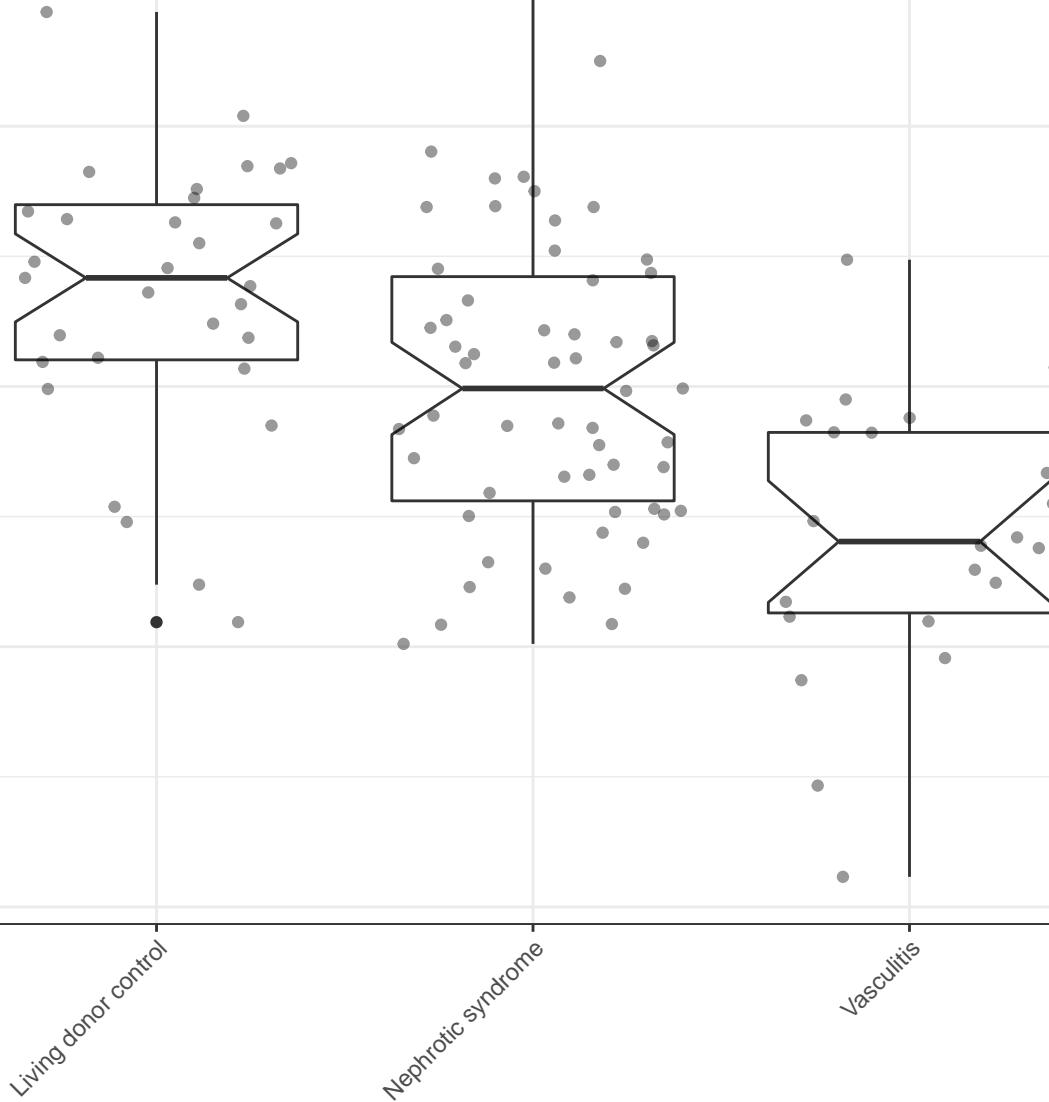
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 114

Value

0.10

0.05

0.00

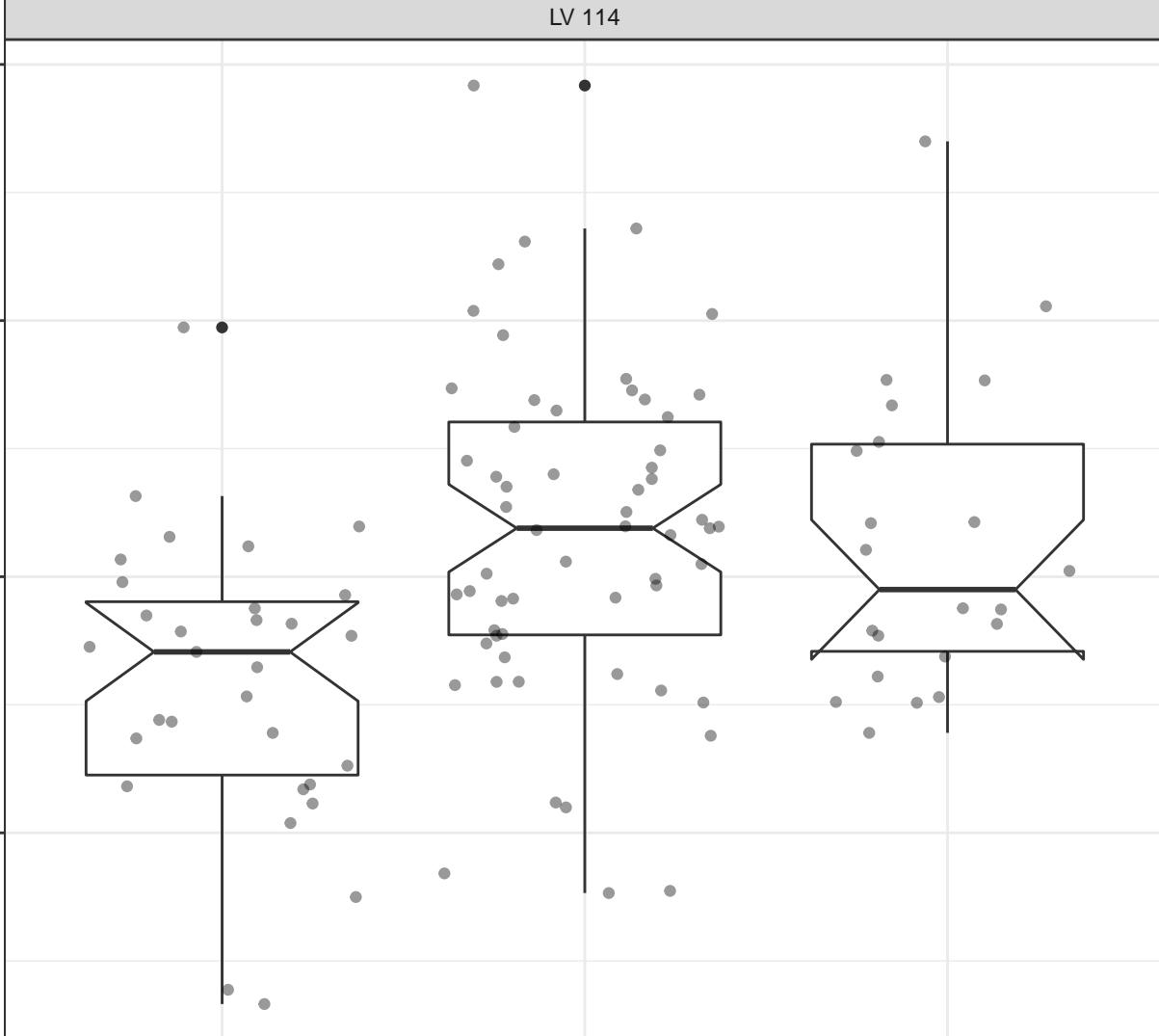
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

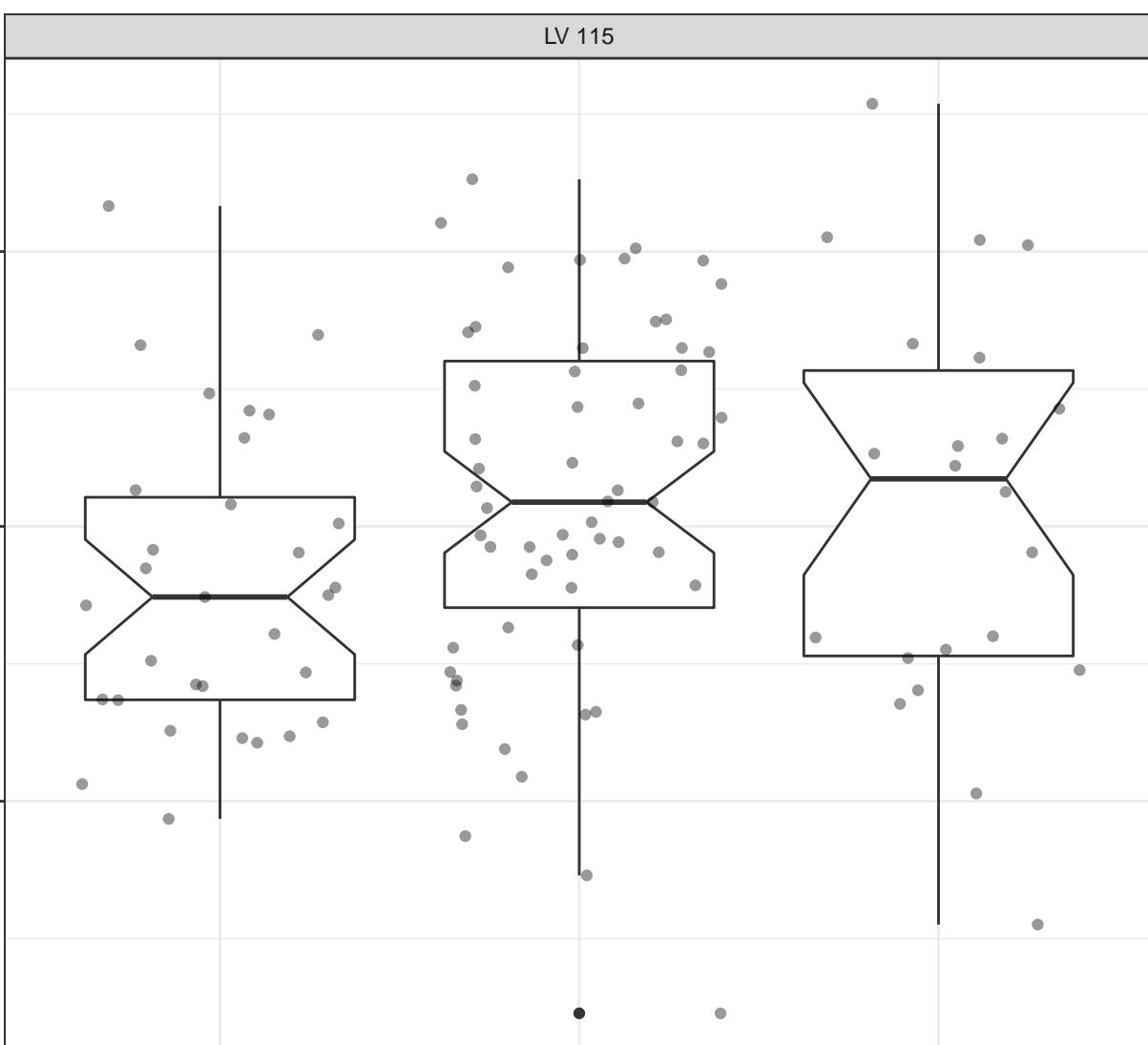
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



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

Value

0.3

0.2

0.1

0.0

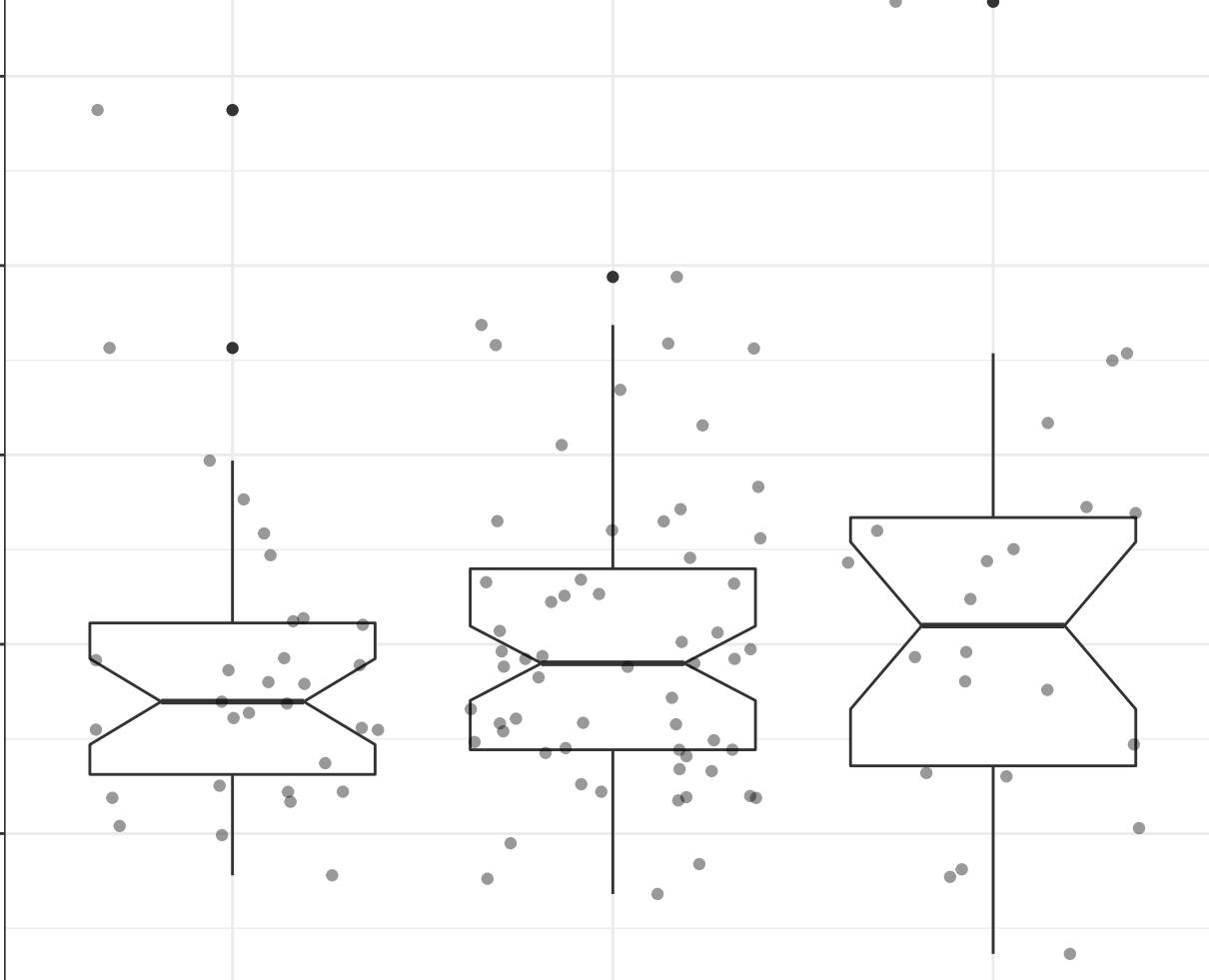
-0.1

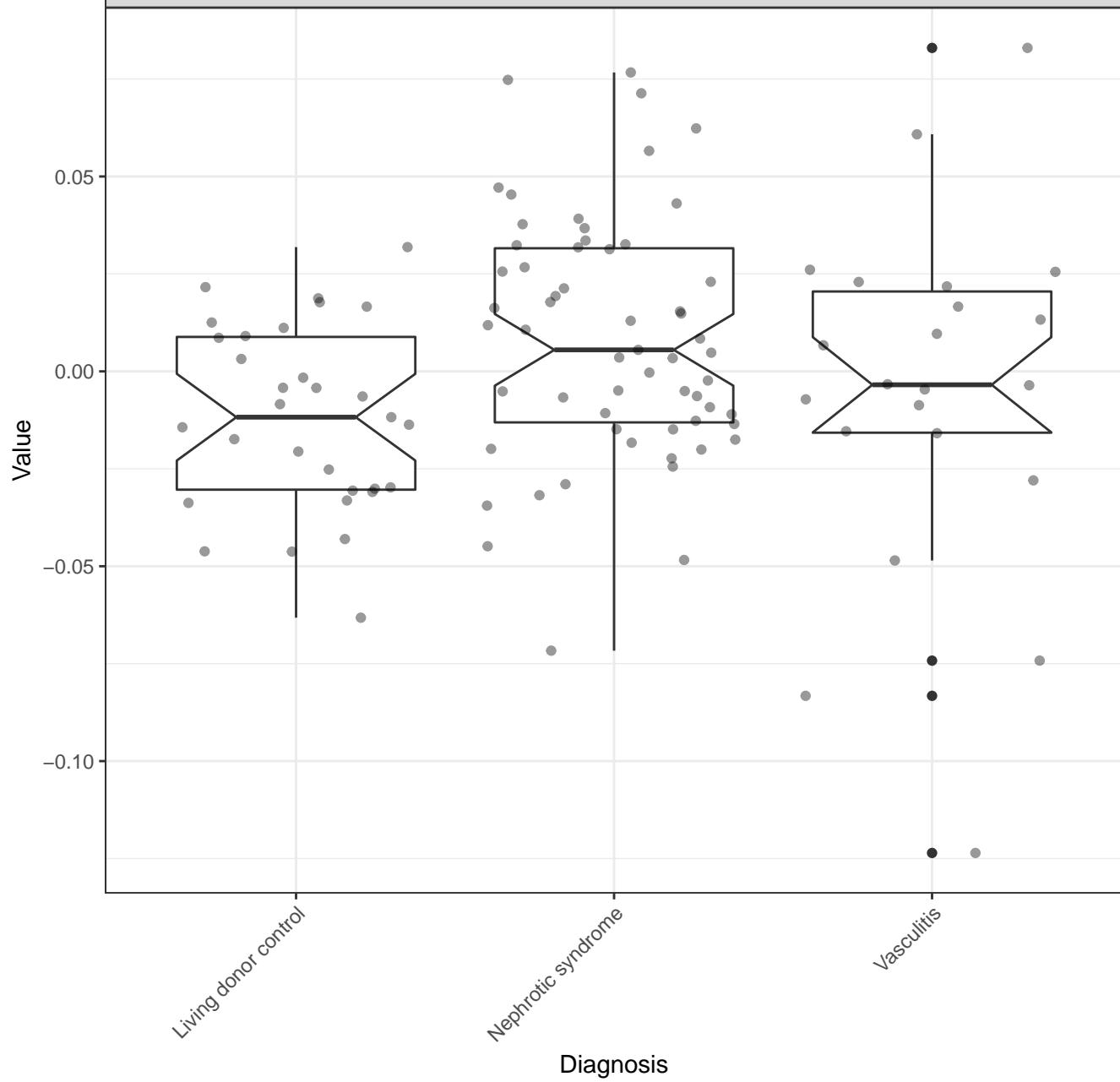
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.05

0.00

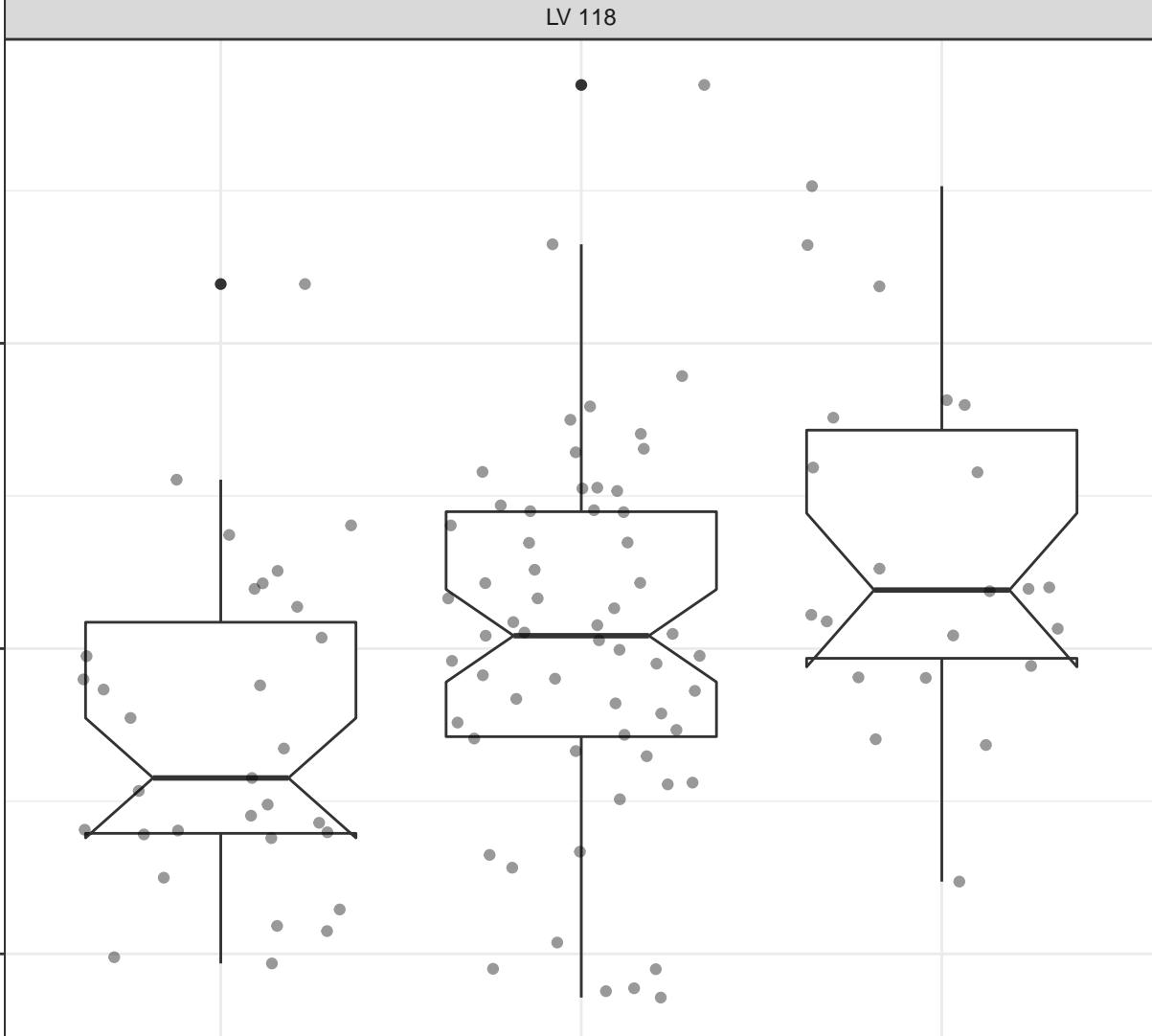
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 119

Value

0.10

0.05

0.00

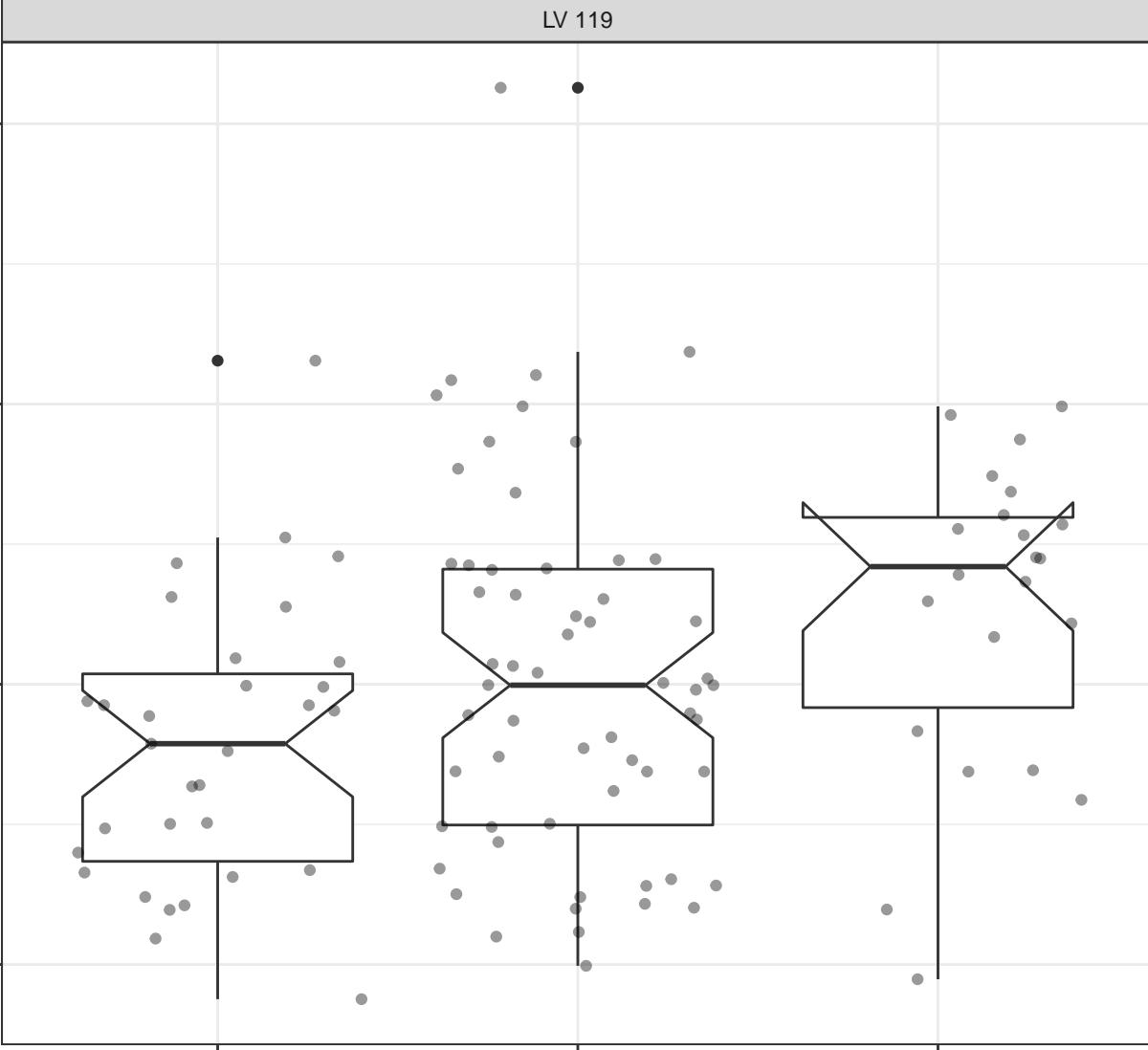
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 120

Value

0.05

0.00

-0.05

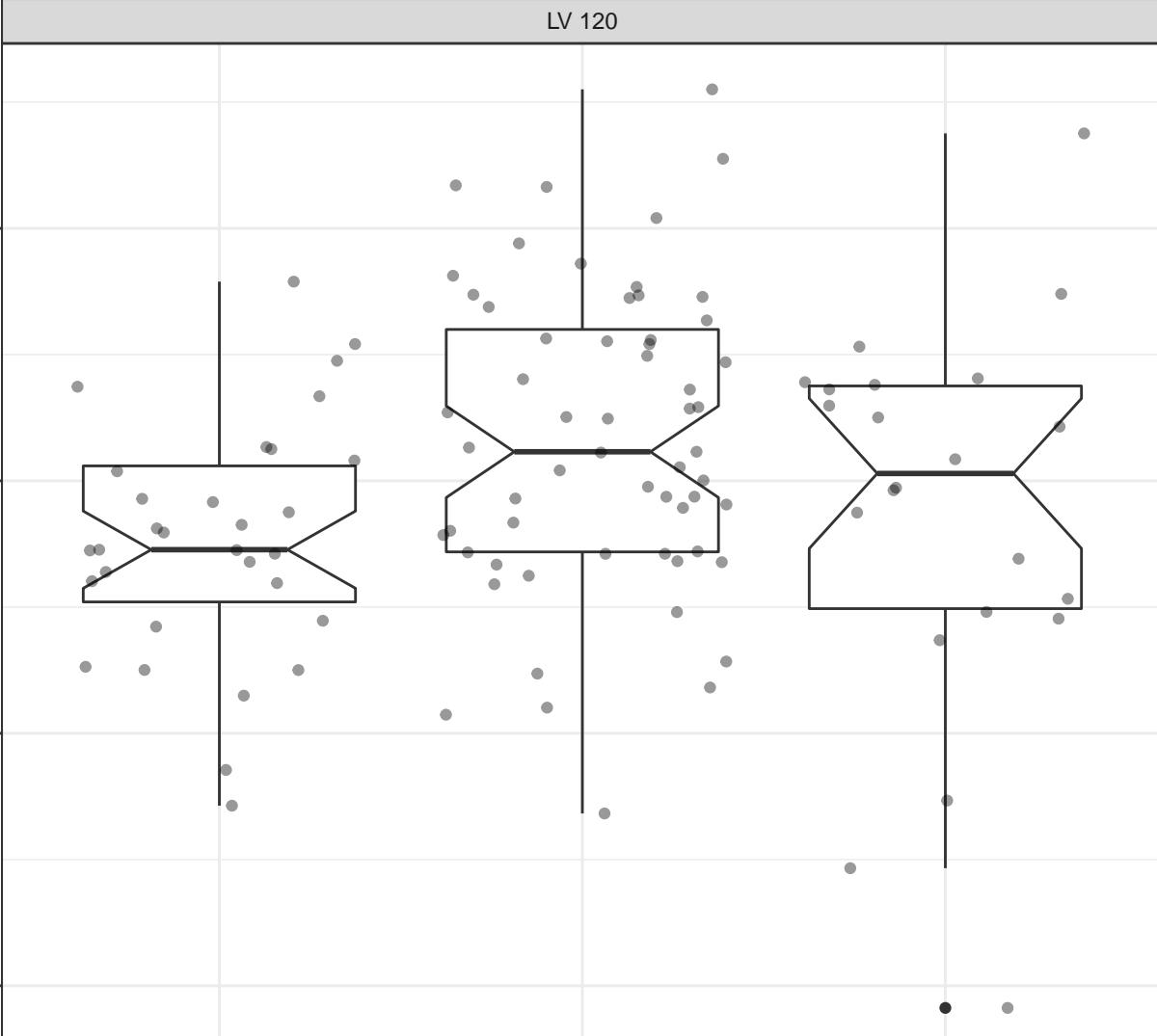
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.01

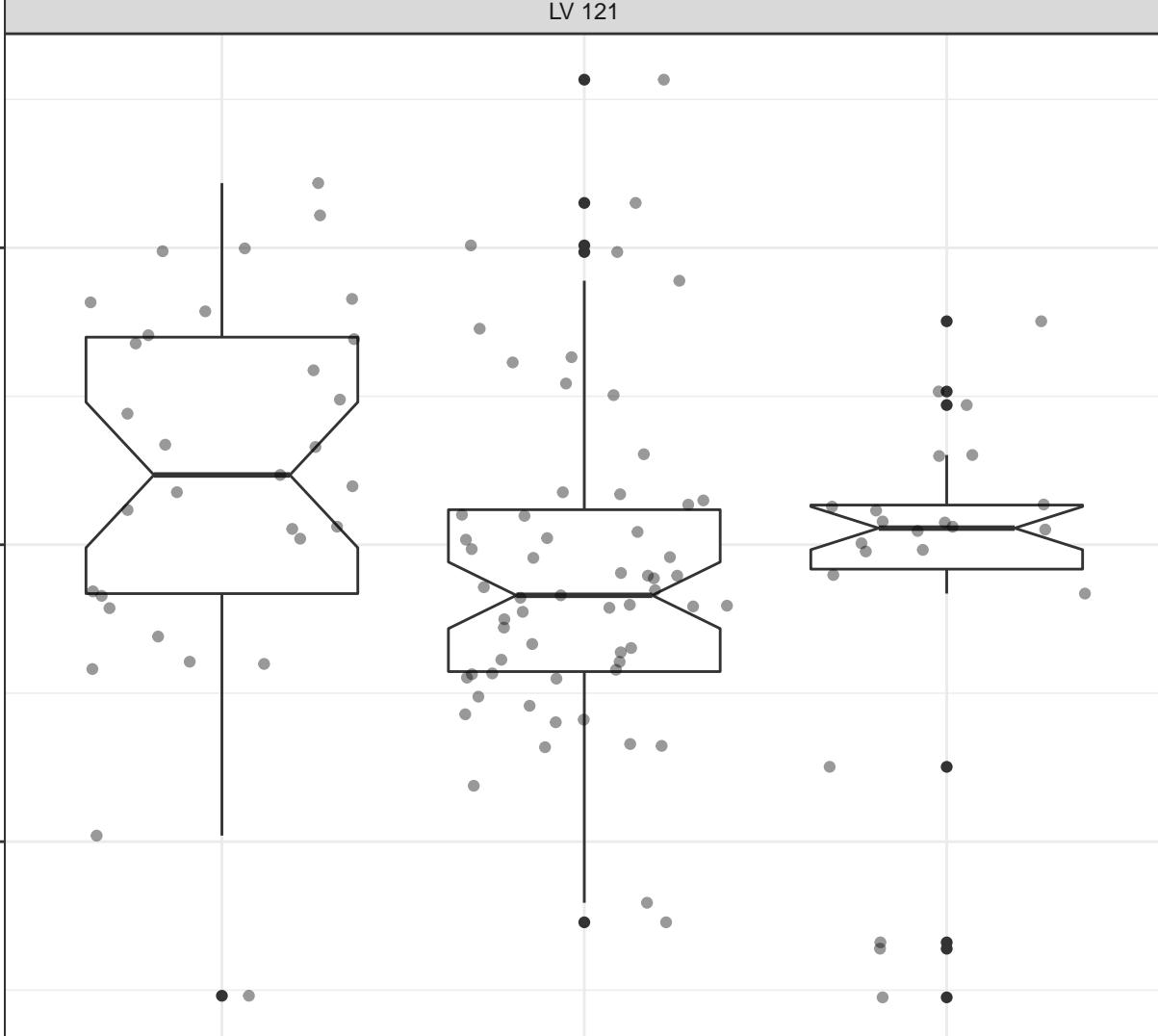
-0.04

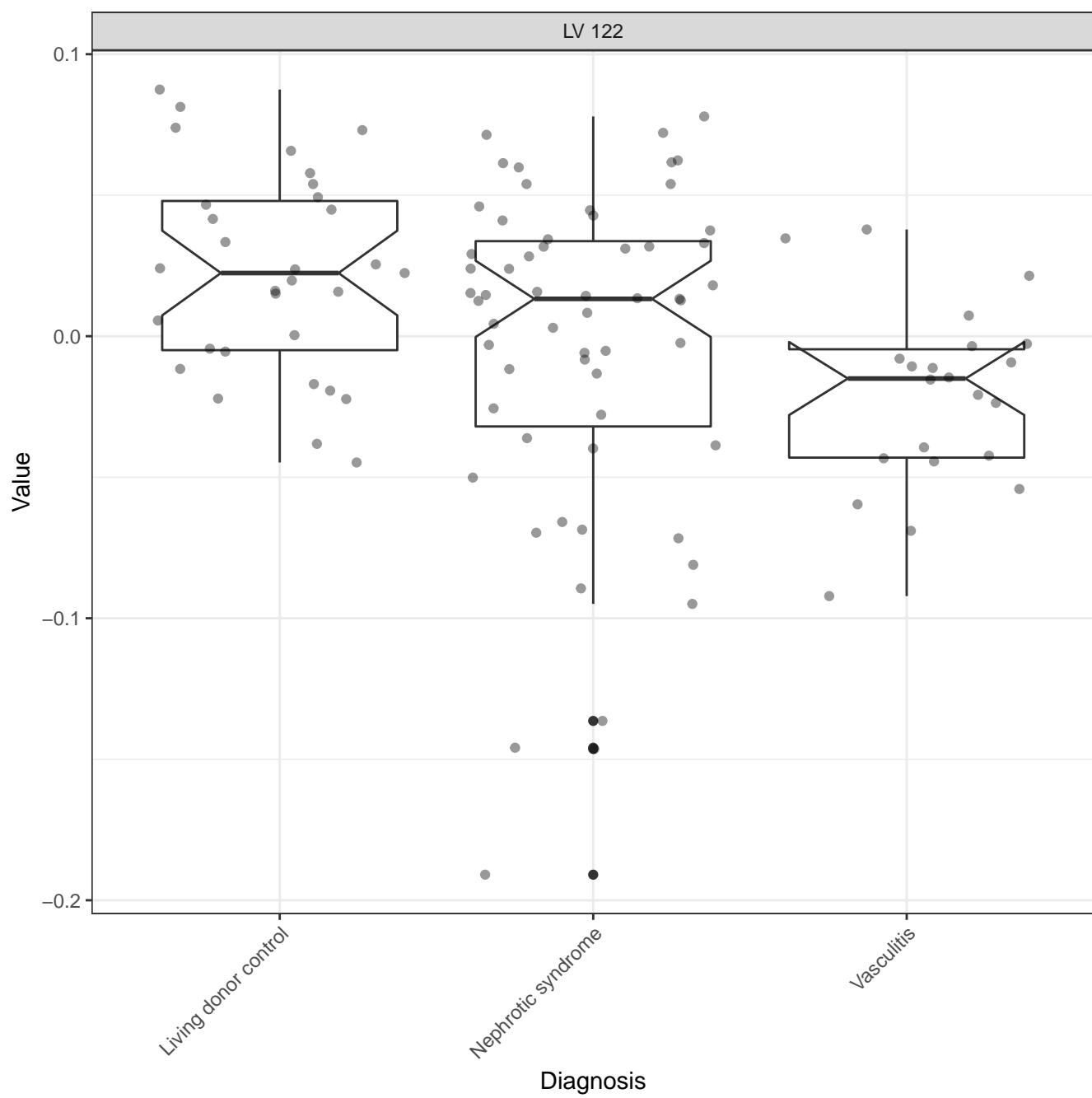
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





### 123,SVM Dendritic cells activated

Value

0.1

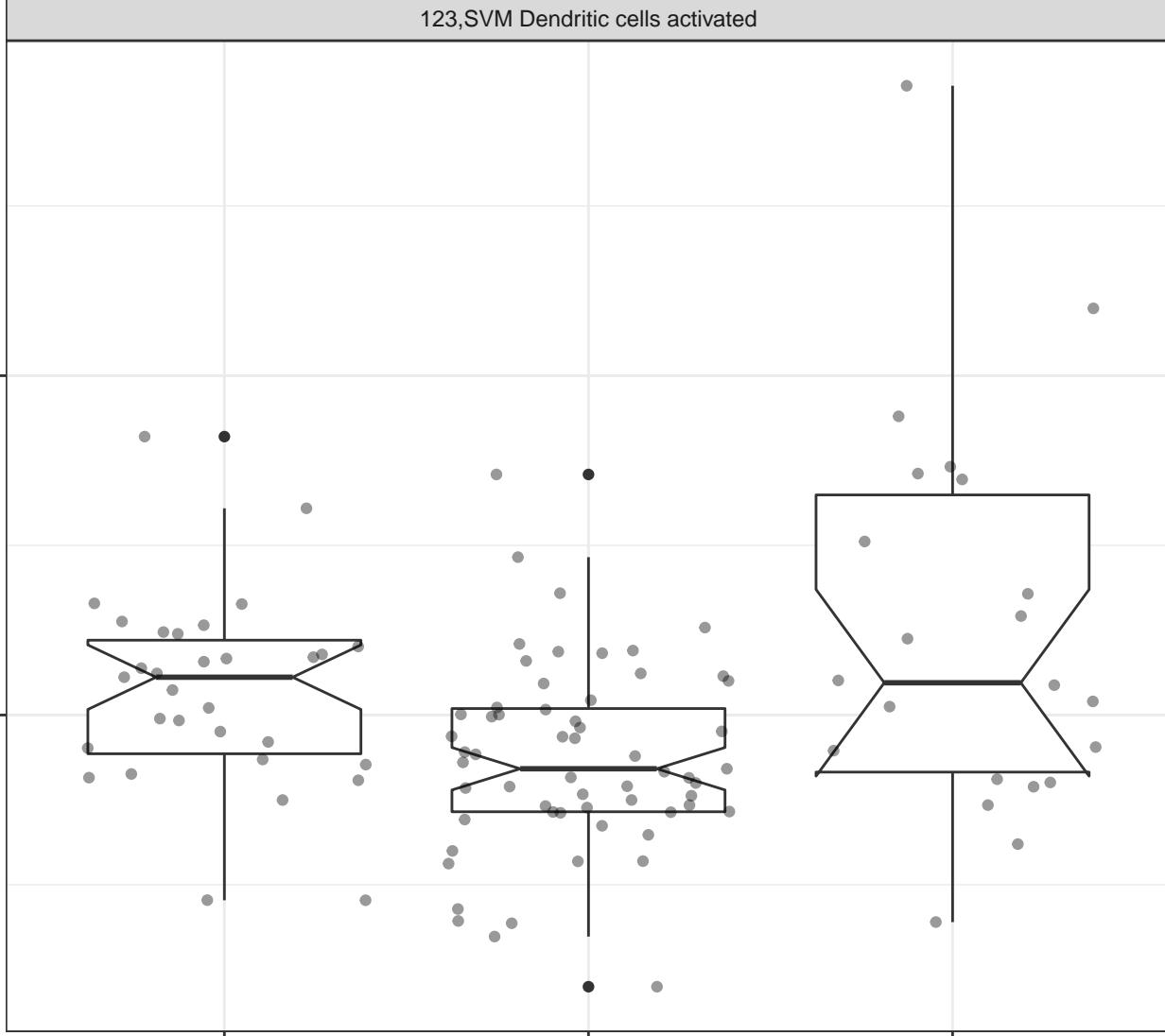
0.0

Living donor control

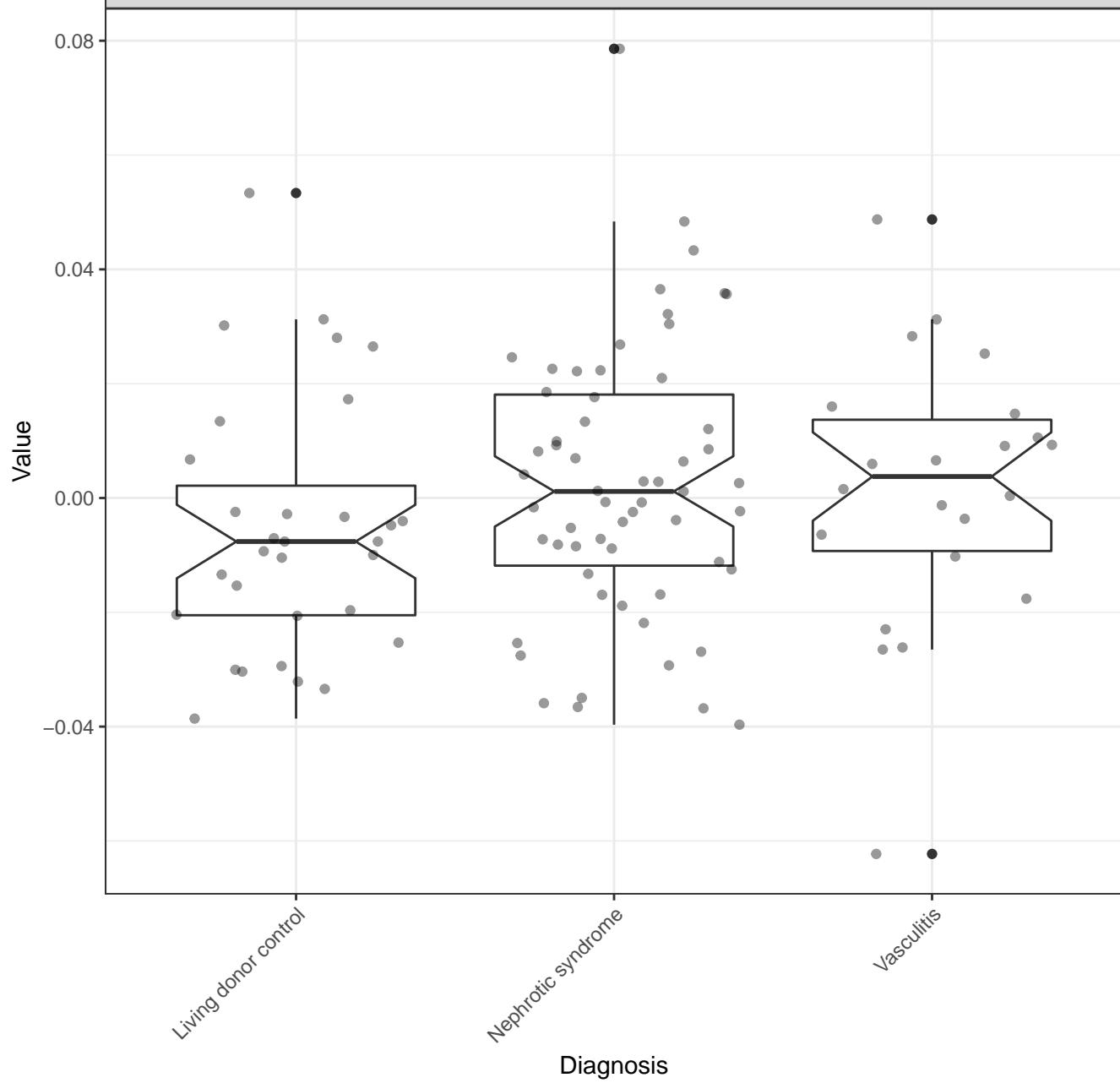
Nephrotic syndrome

Vasculitis

Diagnosis



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



Value

0.04

0.00

-0.04

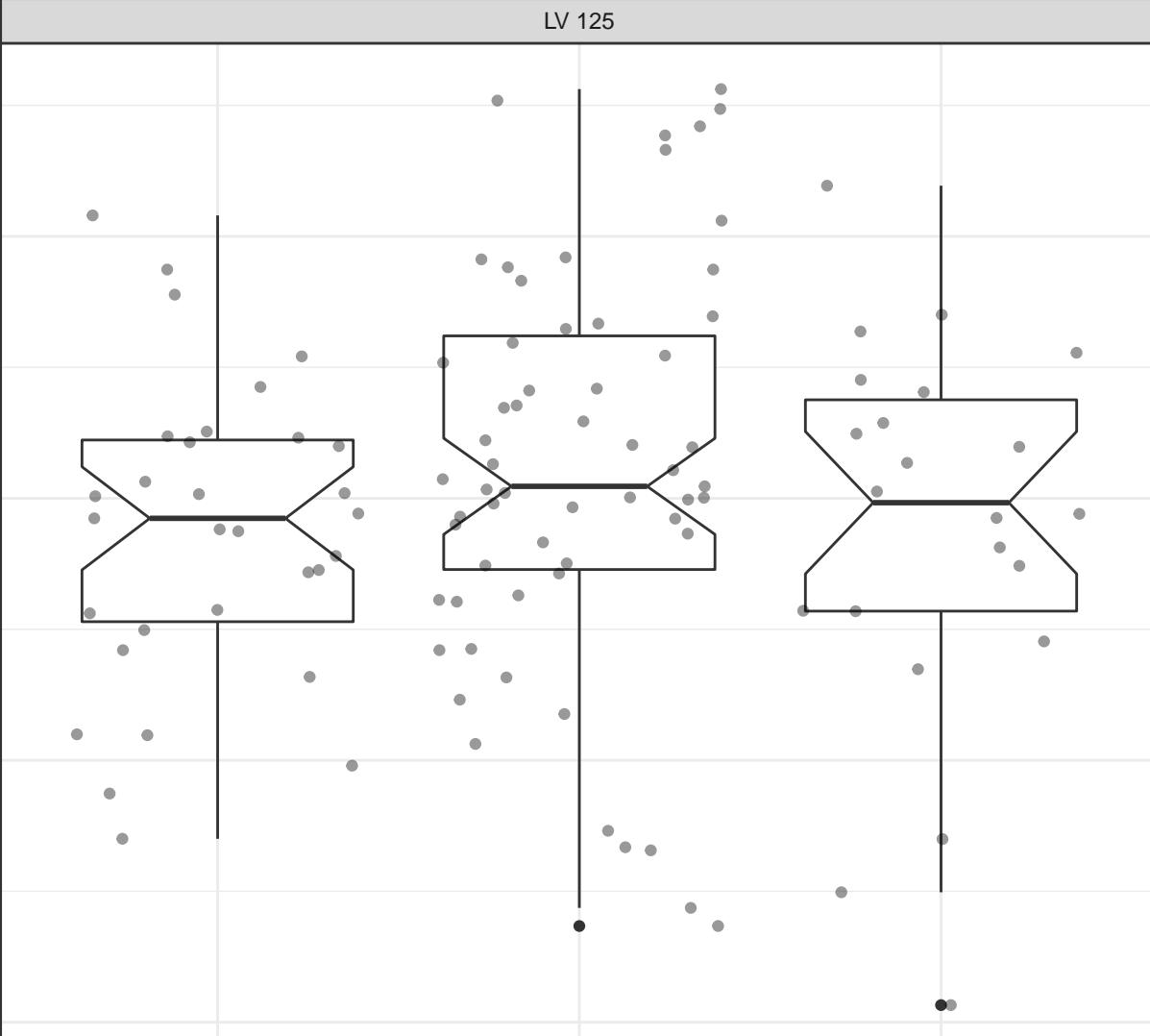
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

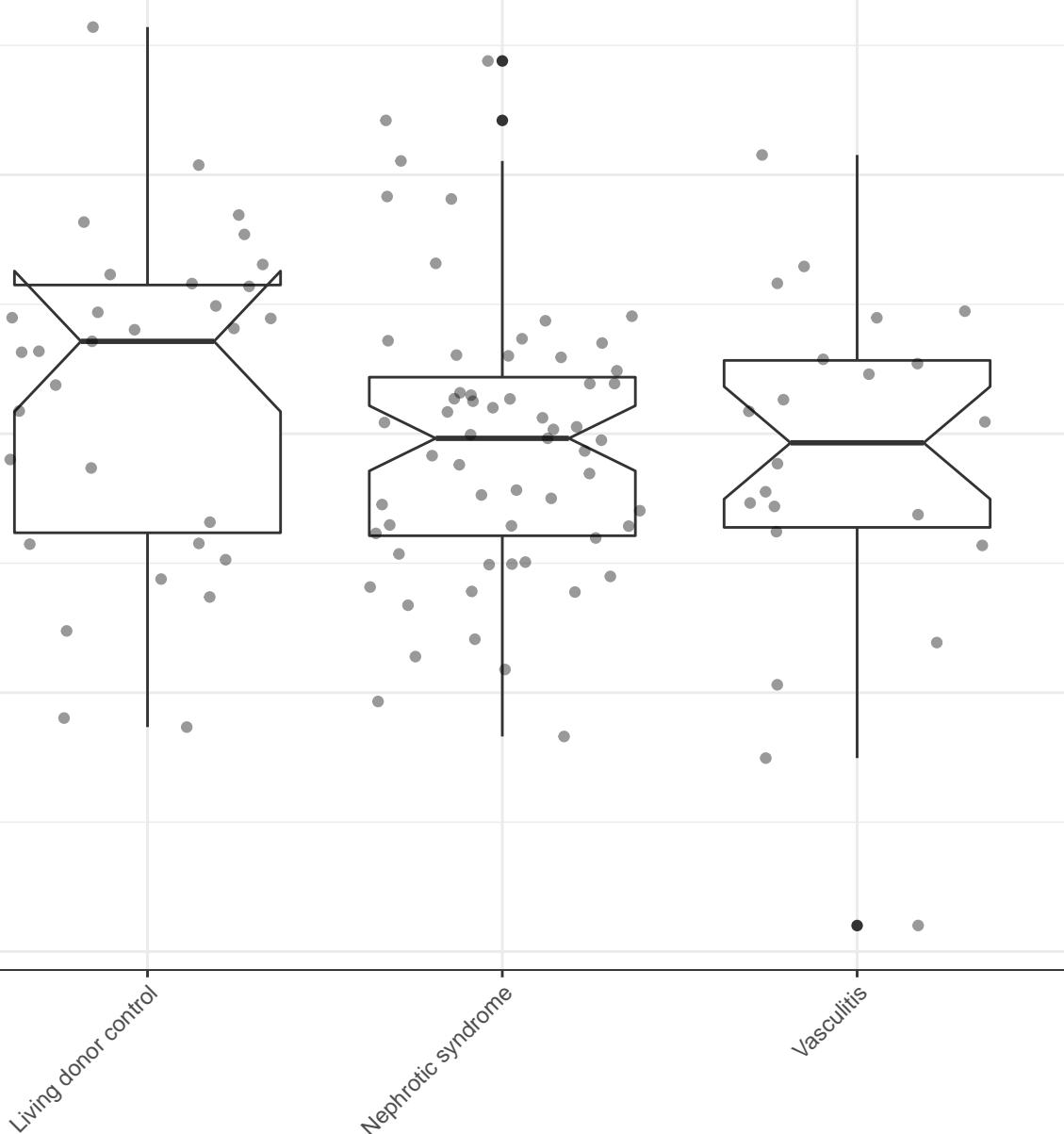
-0.08

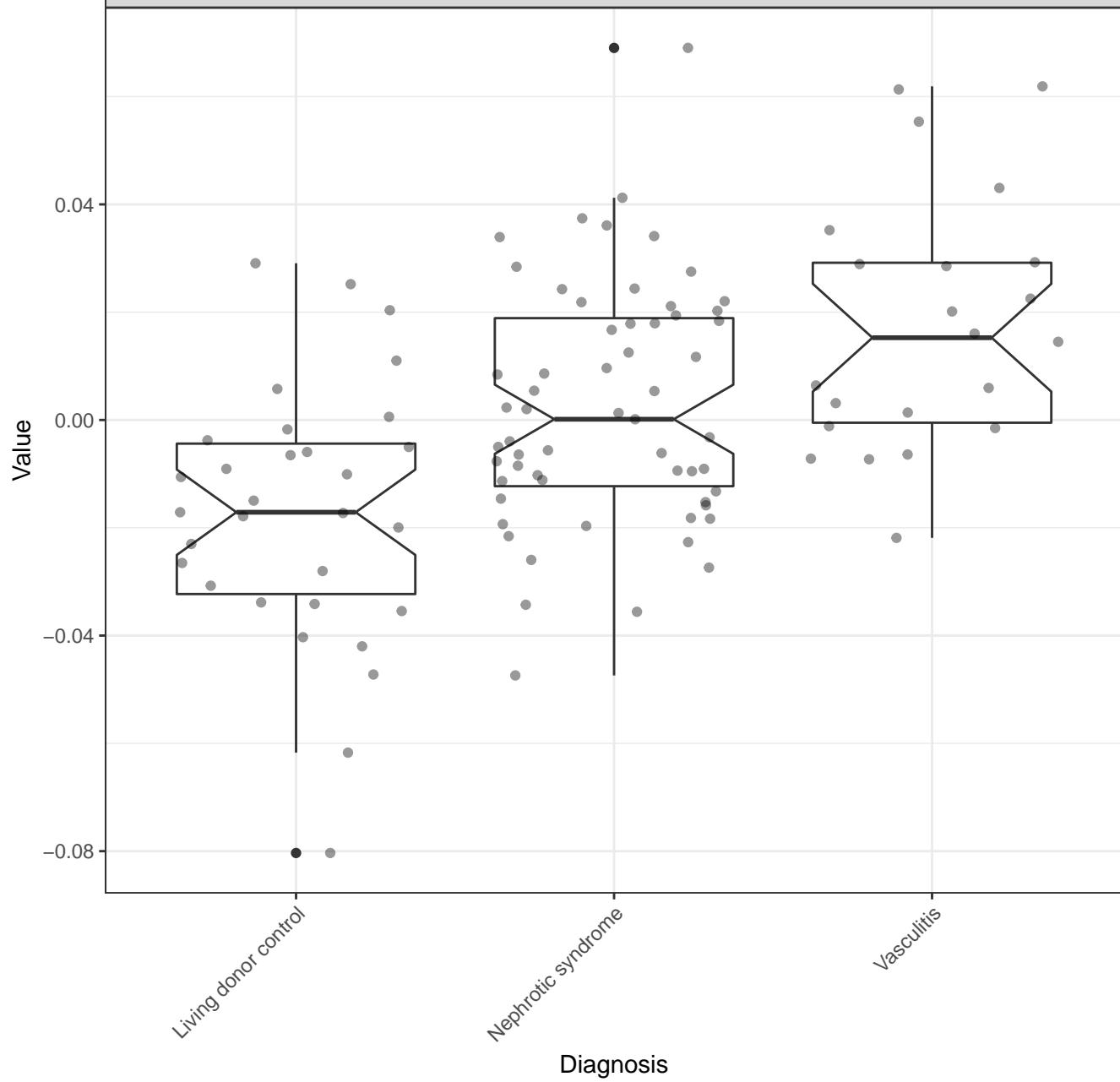
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.05

0.00

-0.05

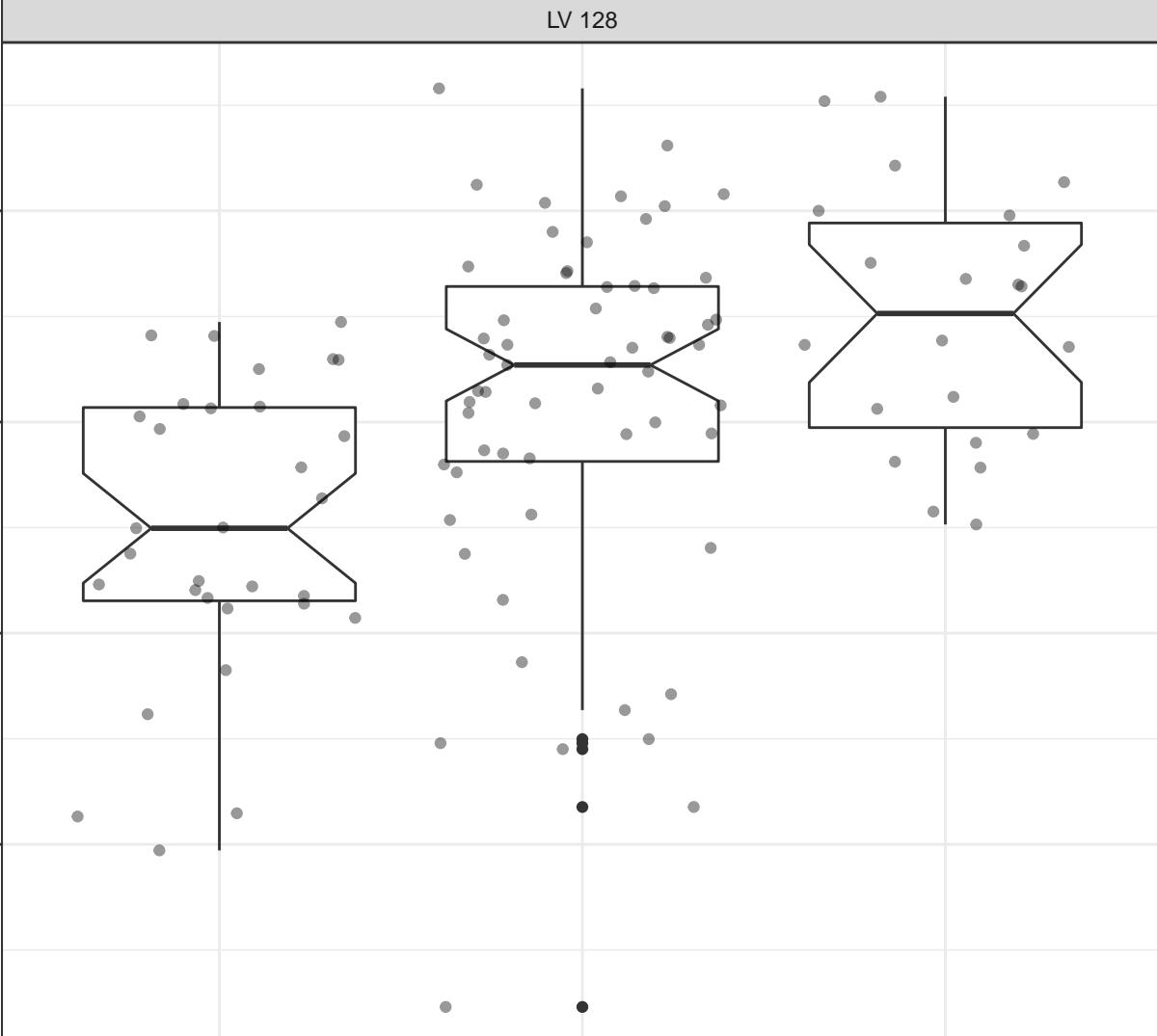
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 129

Value

0.10

0.05

0.00

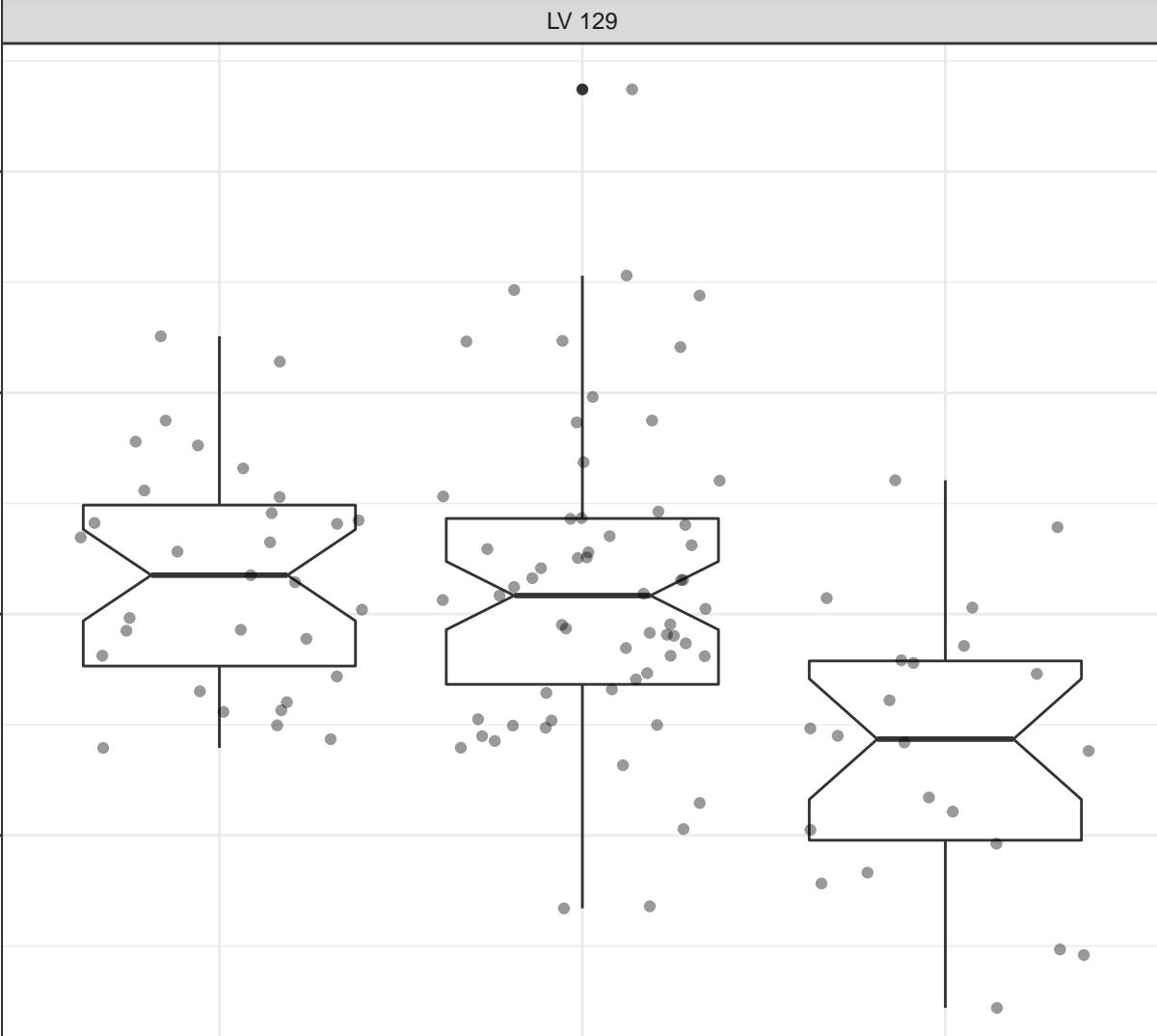
-0.05

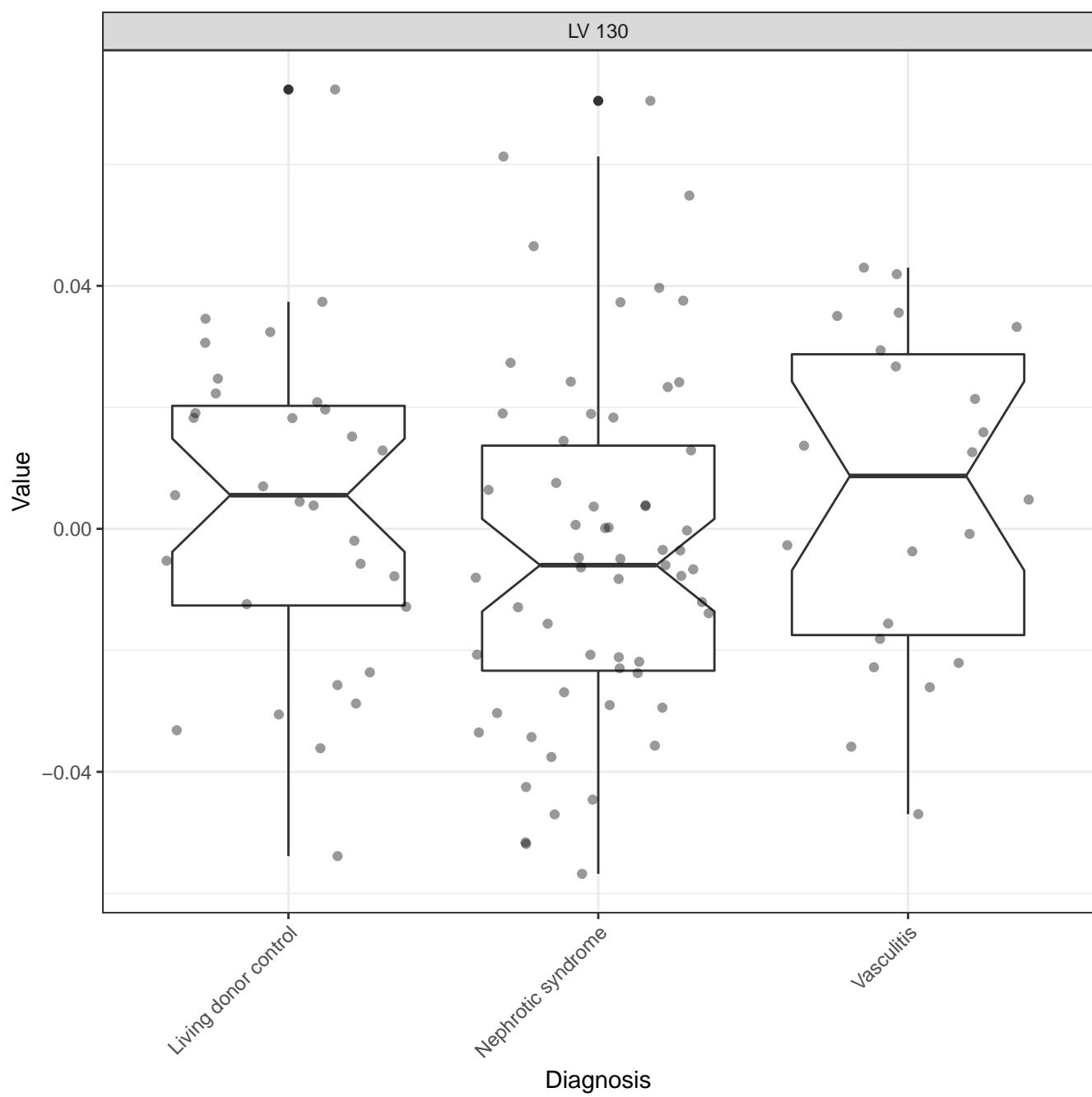
Living donor control

Nephrotic syndrome

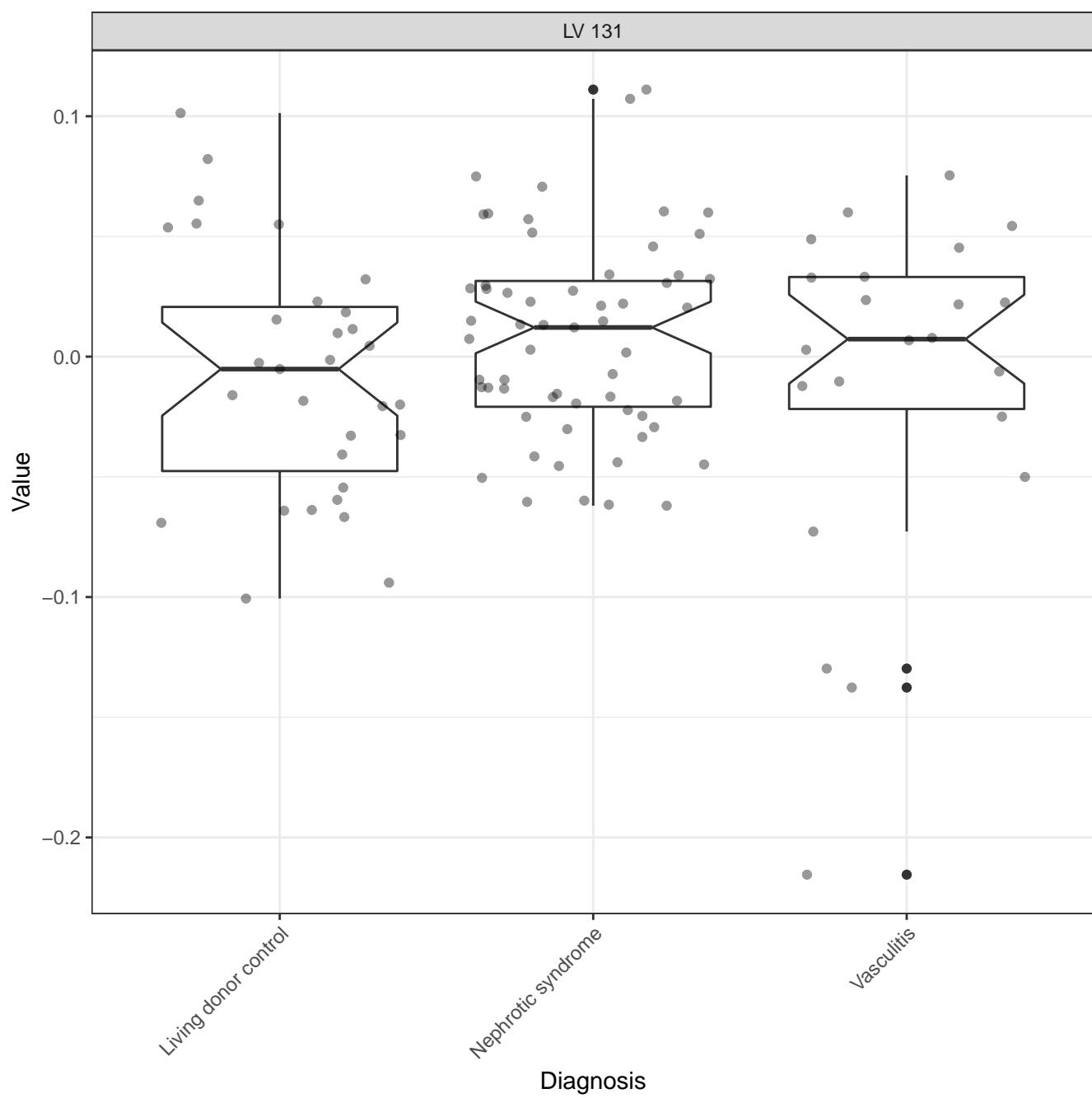
Vasculitis

Diagnosis





LV 131



Value

0.04

0.00

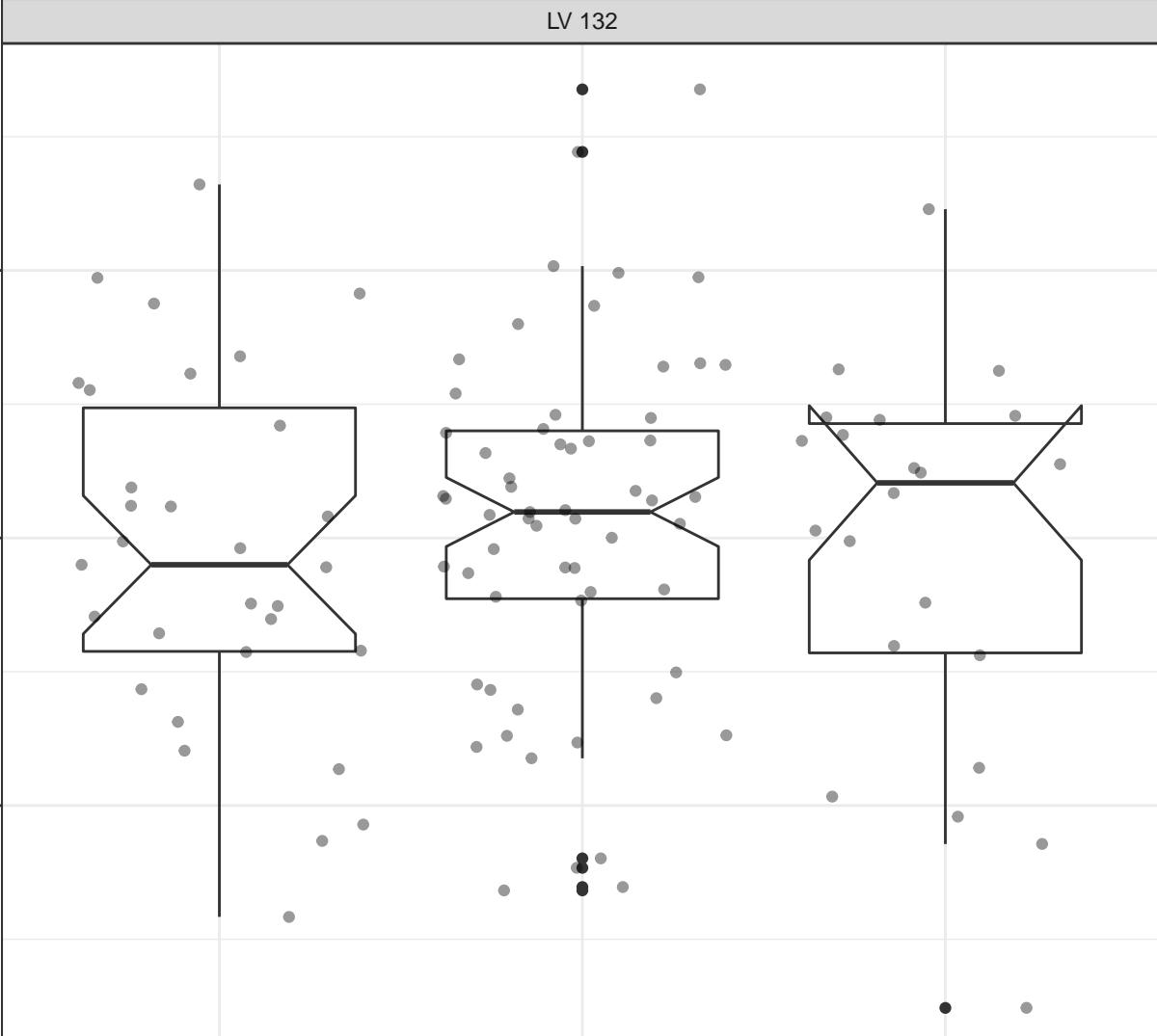
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 133

Value

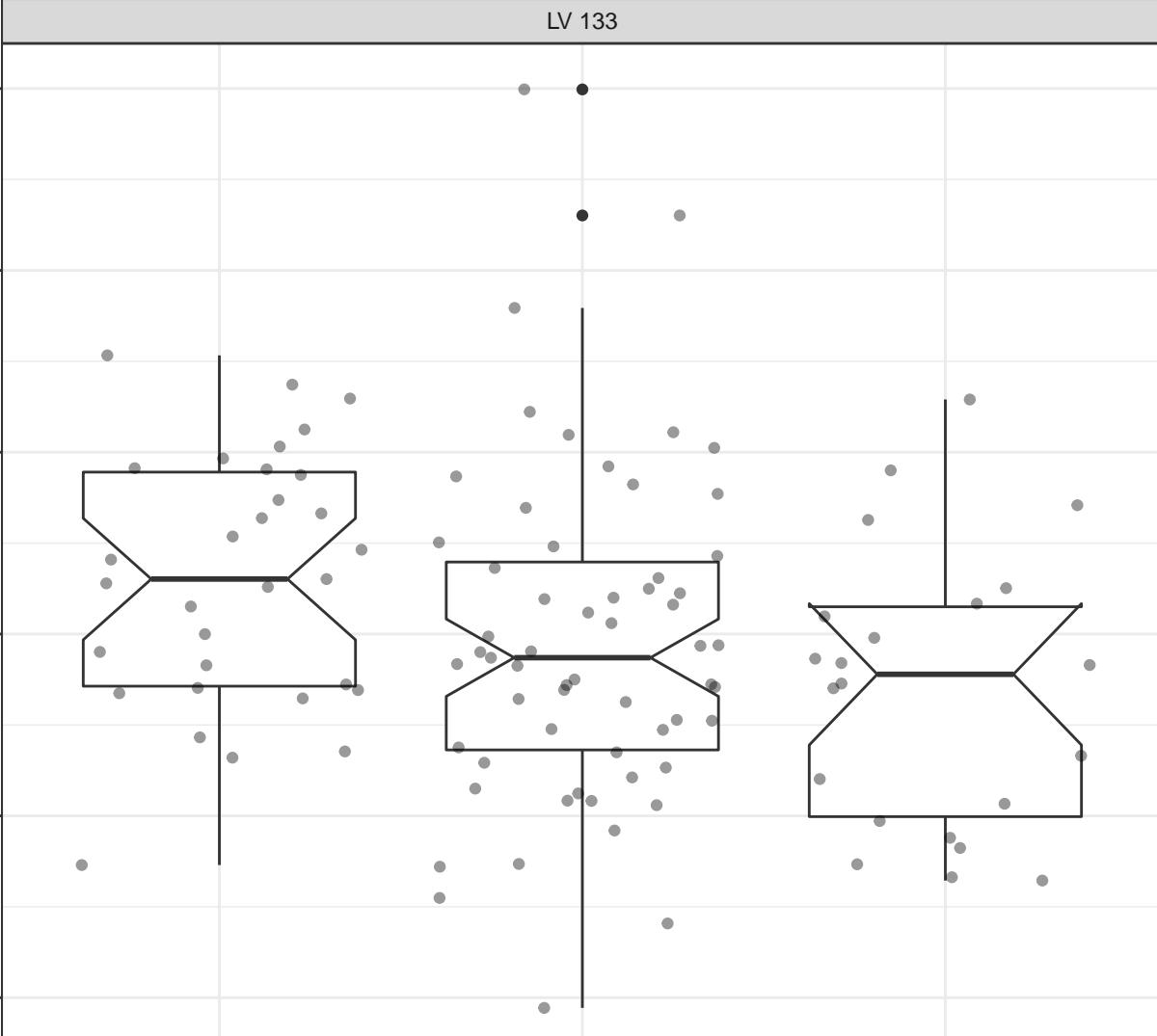
0.15  
0.10  
0.05  
0.00  
-0.05  
-0.10

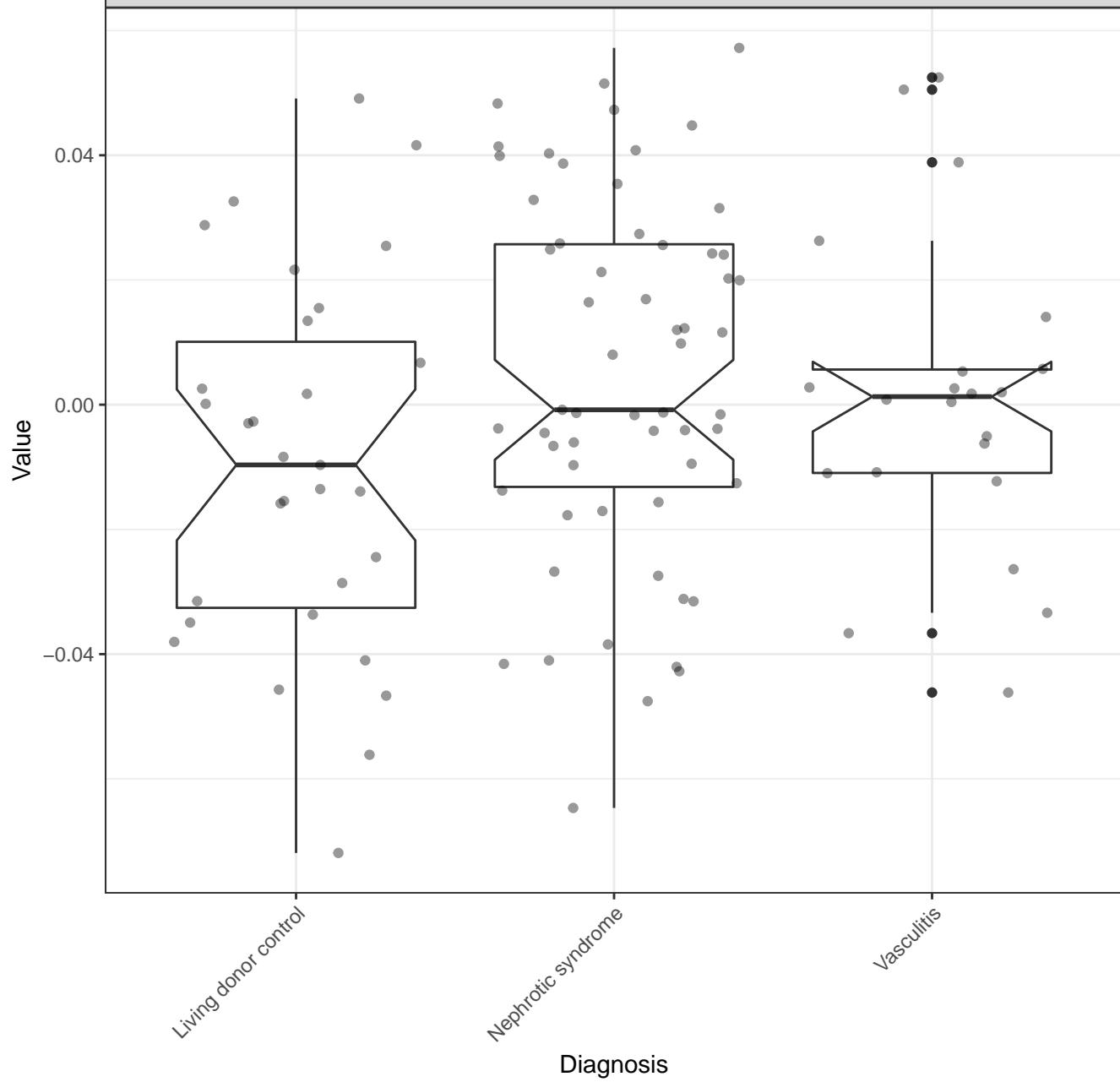
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





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

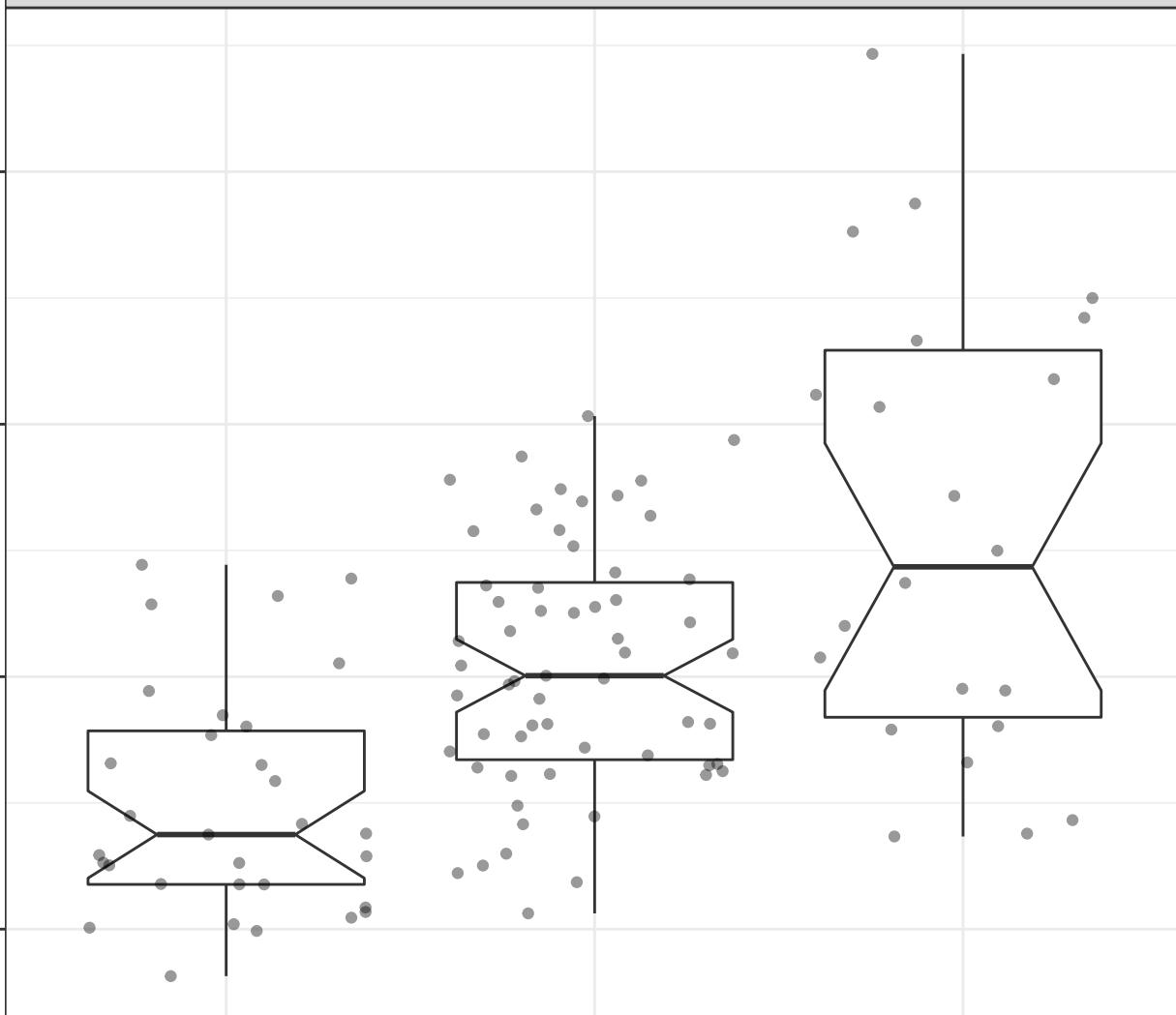
-0.1

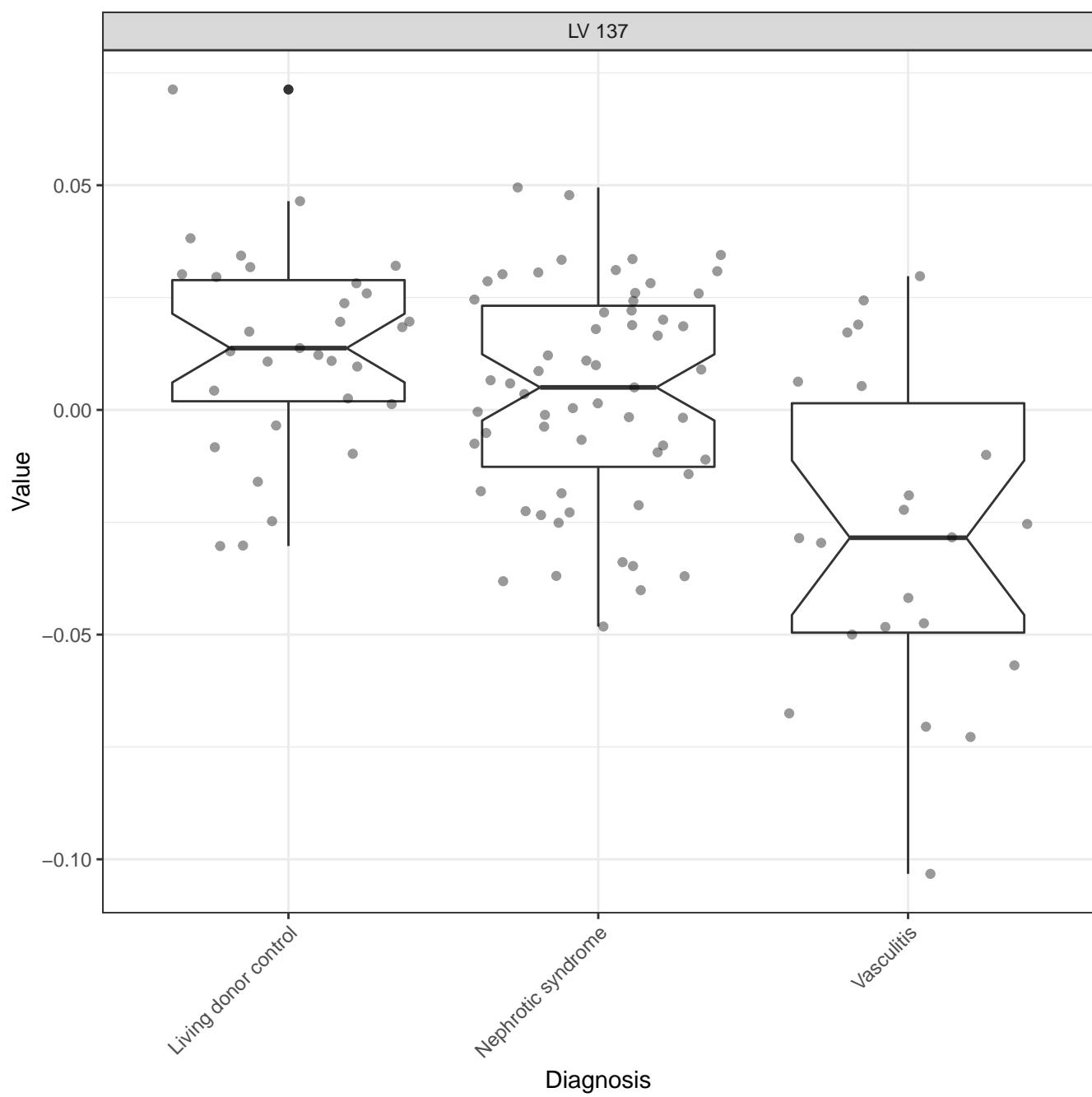
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.05

0.00

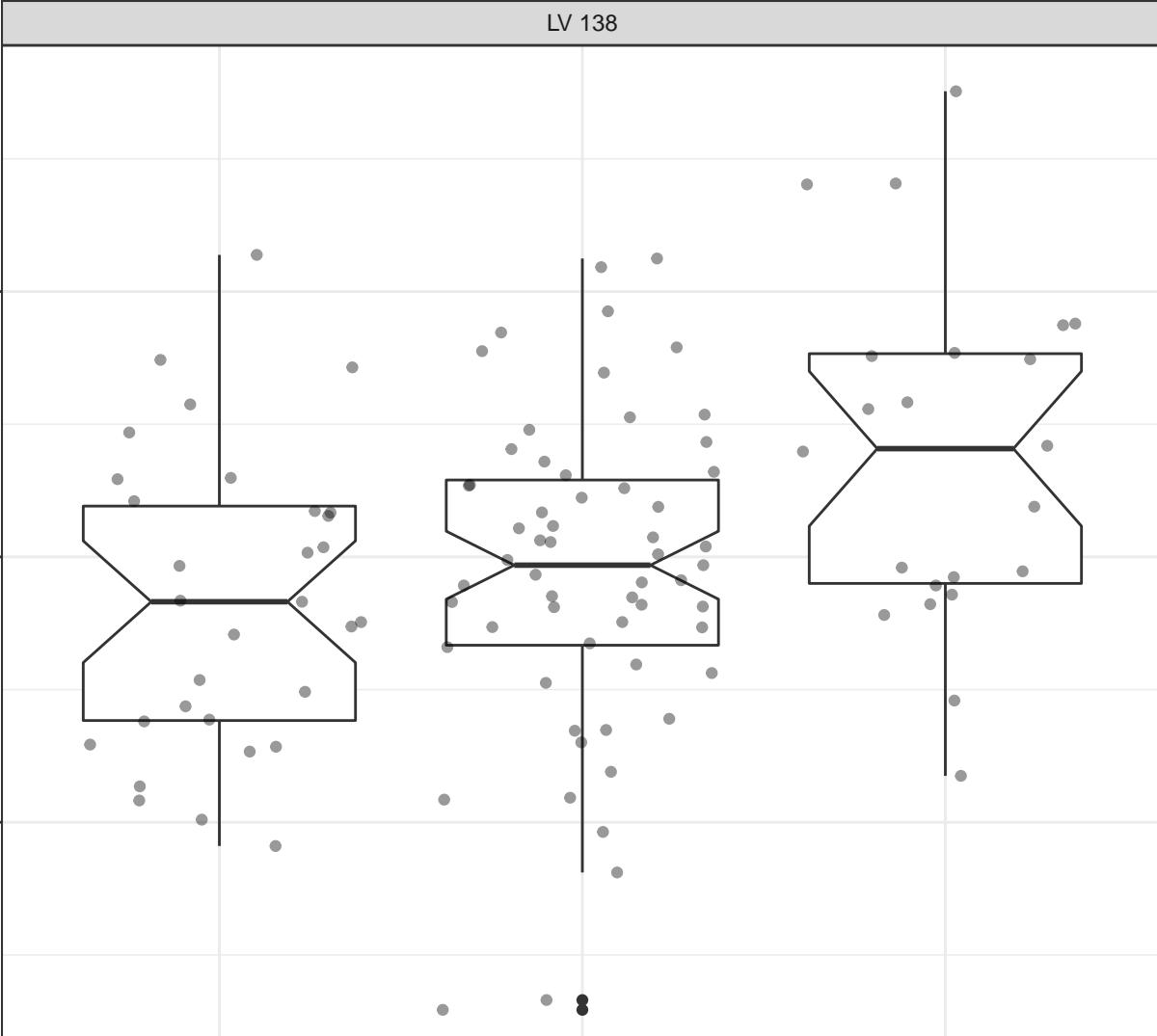
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

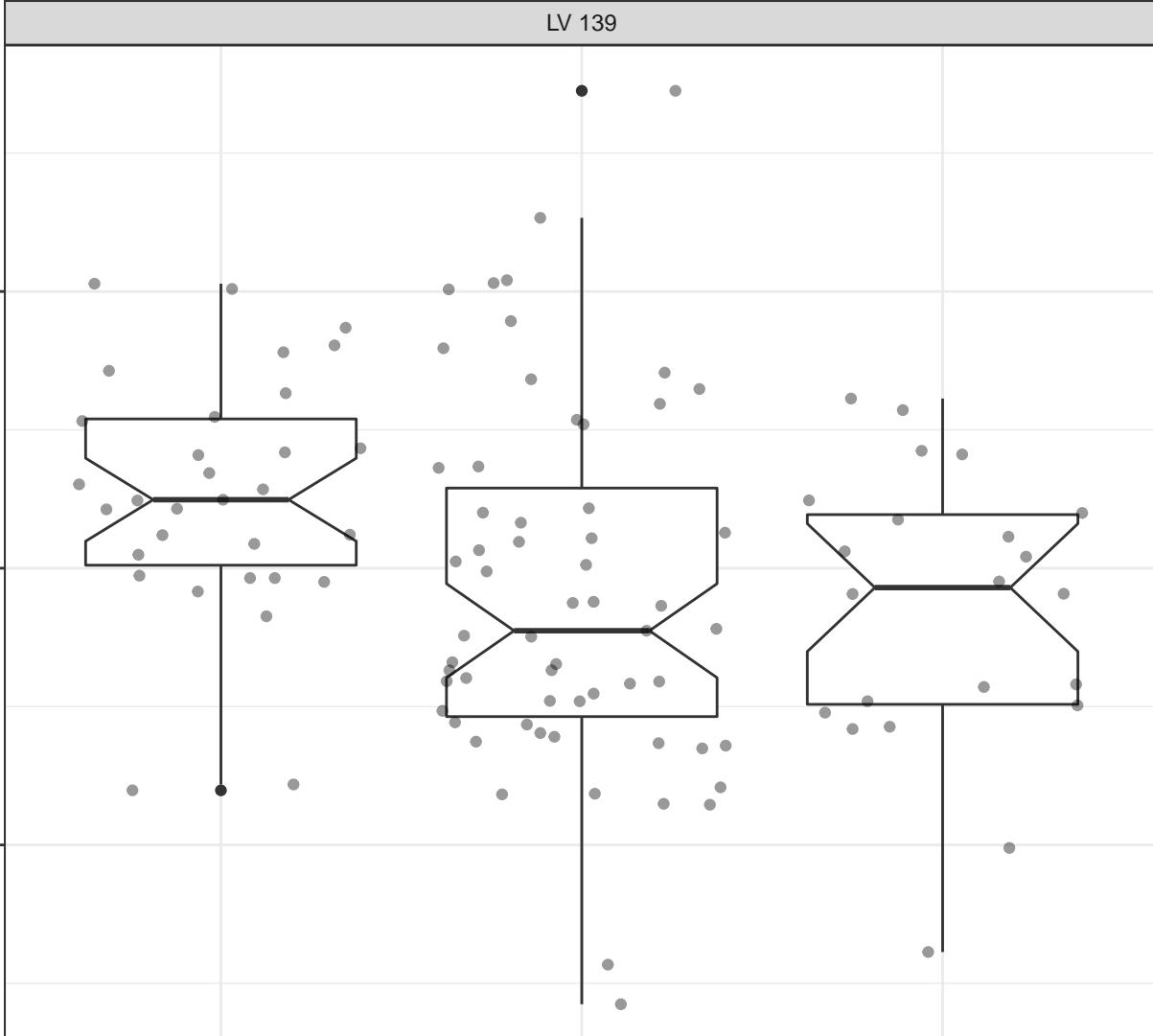
-0.05

Living donor control

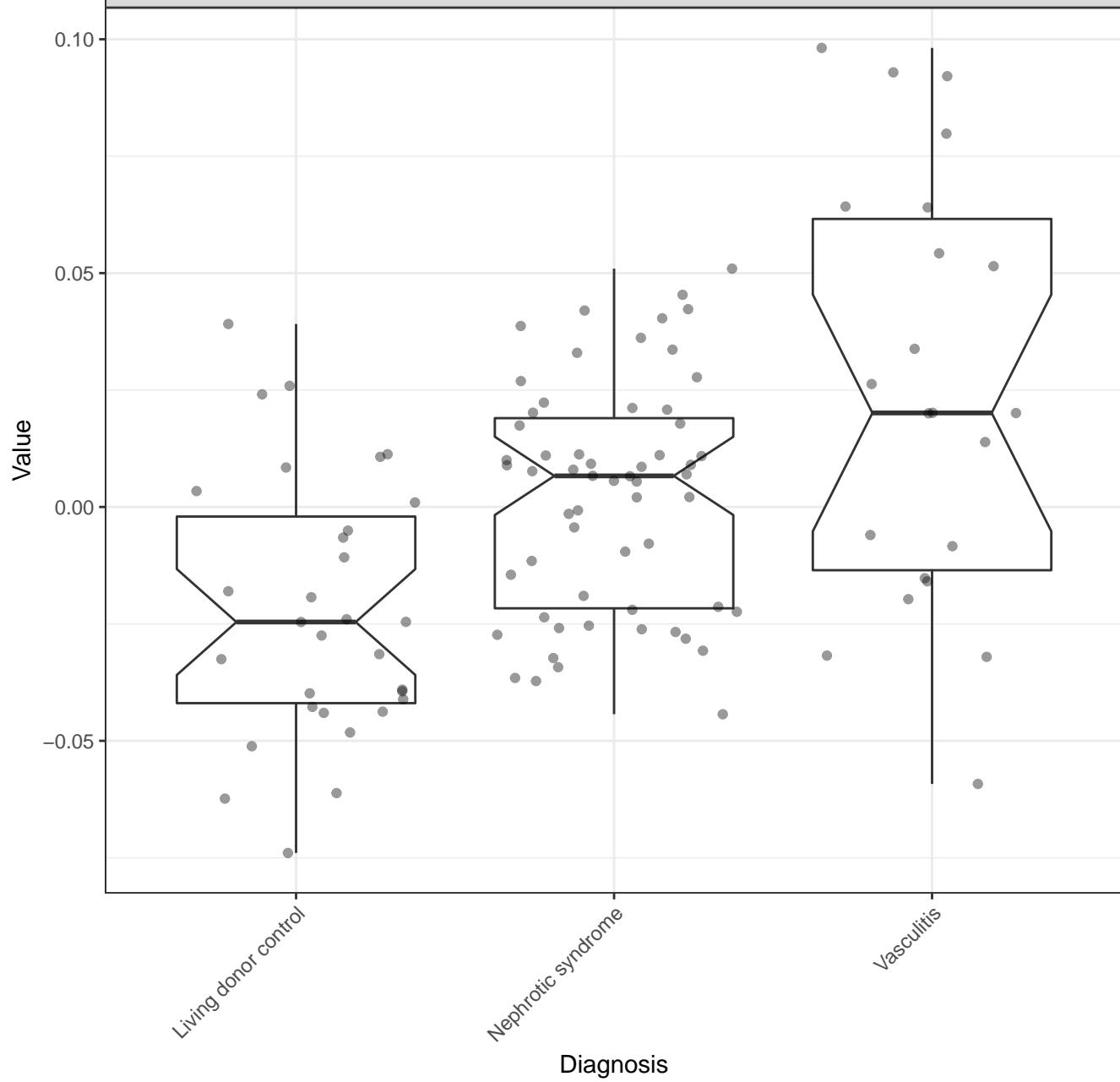
Nephrotic syndrome

Vasculitis

Diagnosis



# 140,REACTOME\_INTERFERON\_GAMMA\_SIGNALING



Value

0.04

0.00

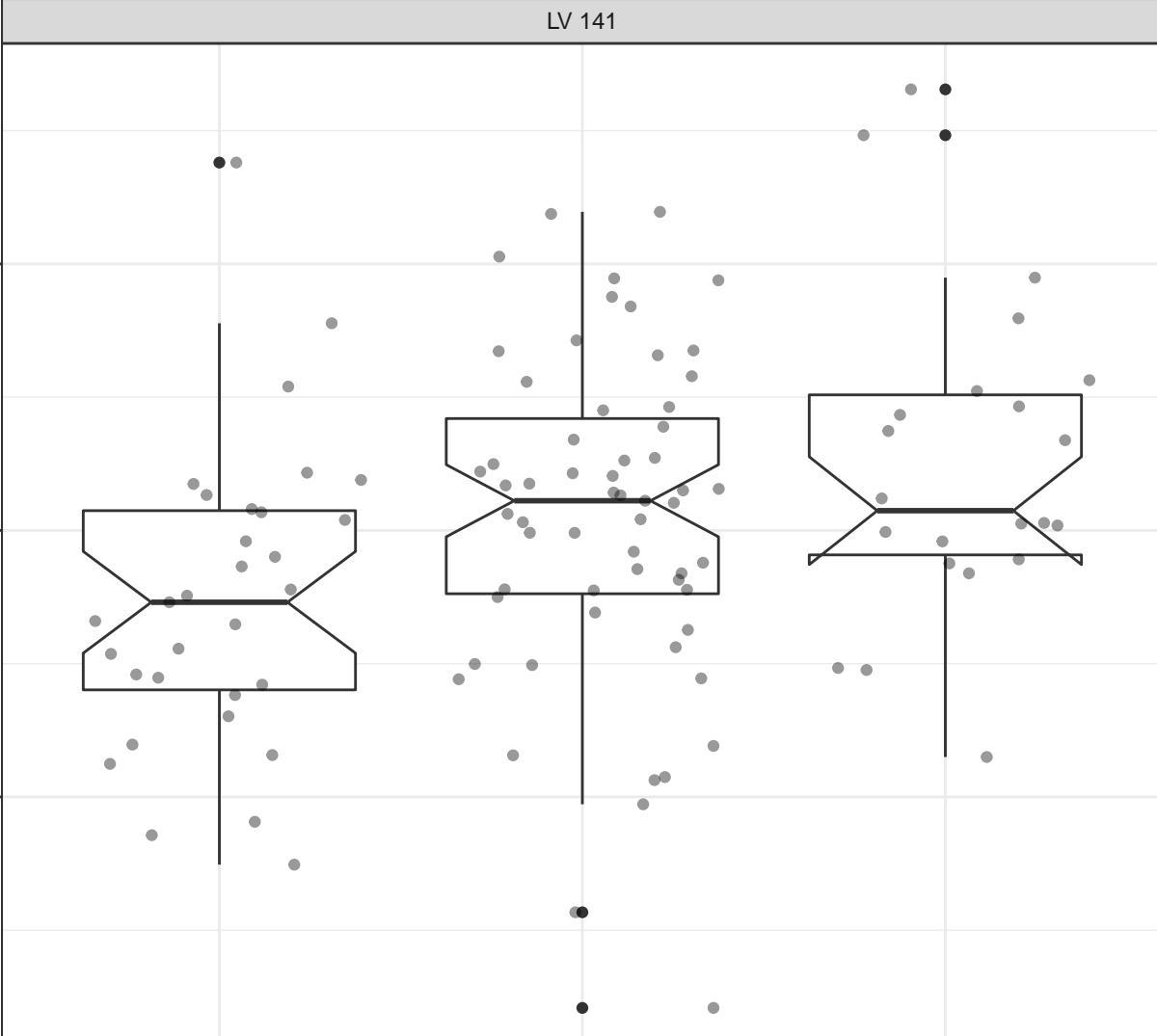
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

-0.05

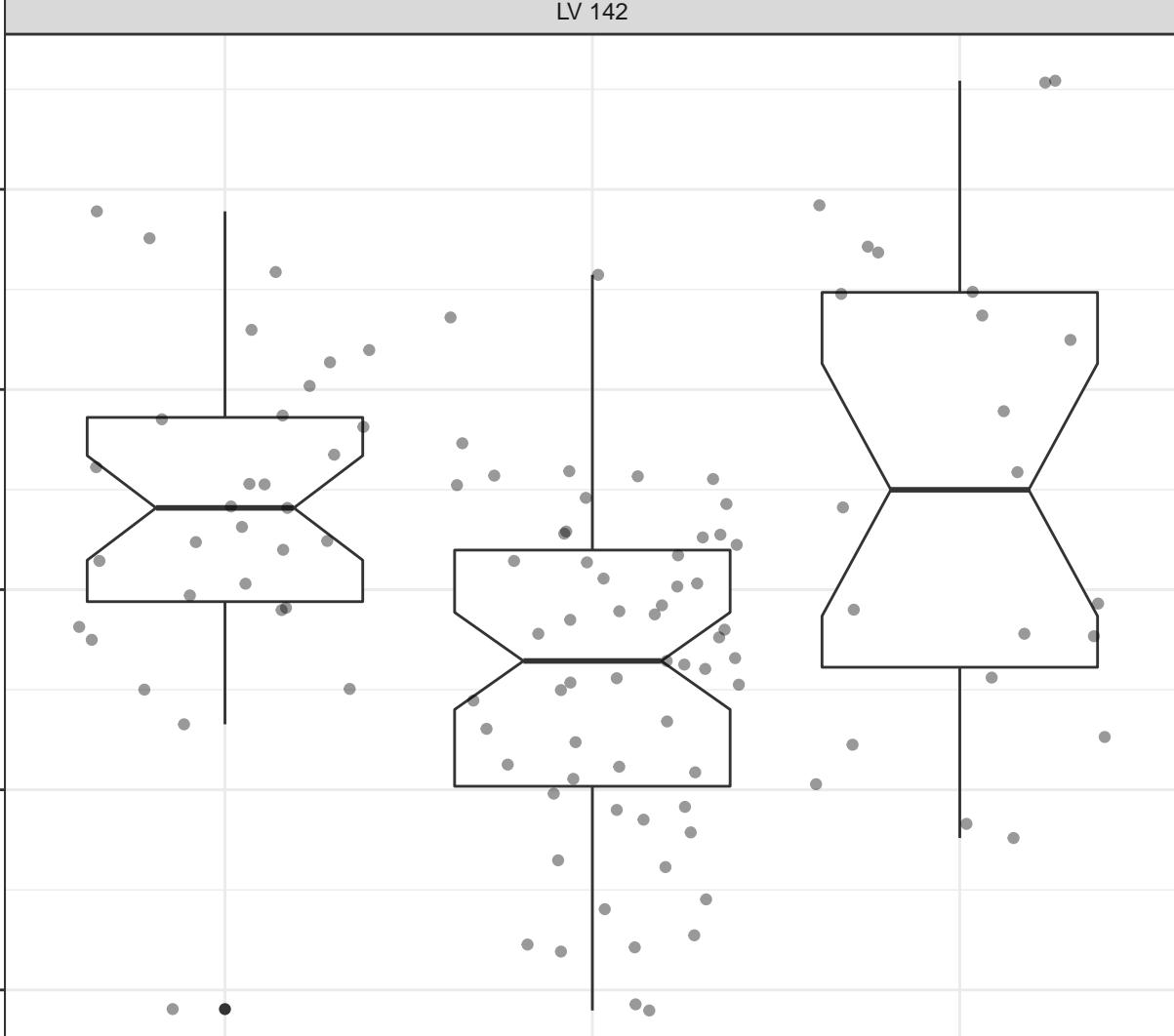
-0.10

Living donor control

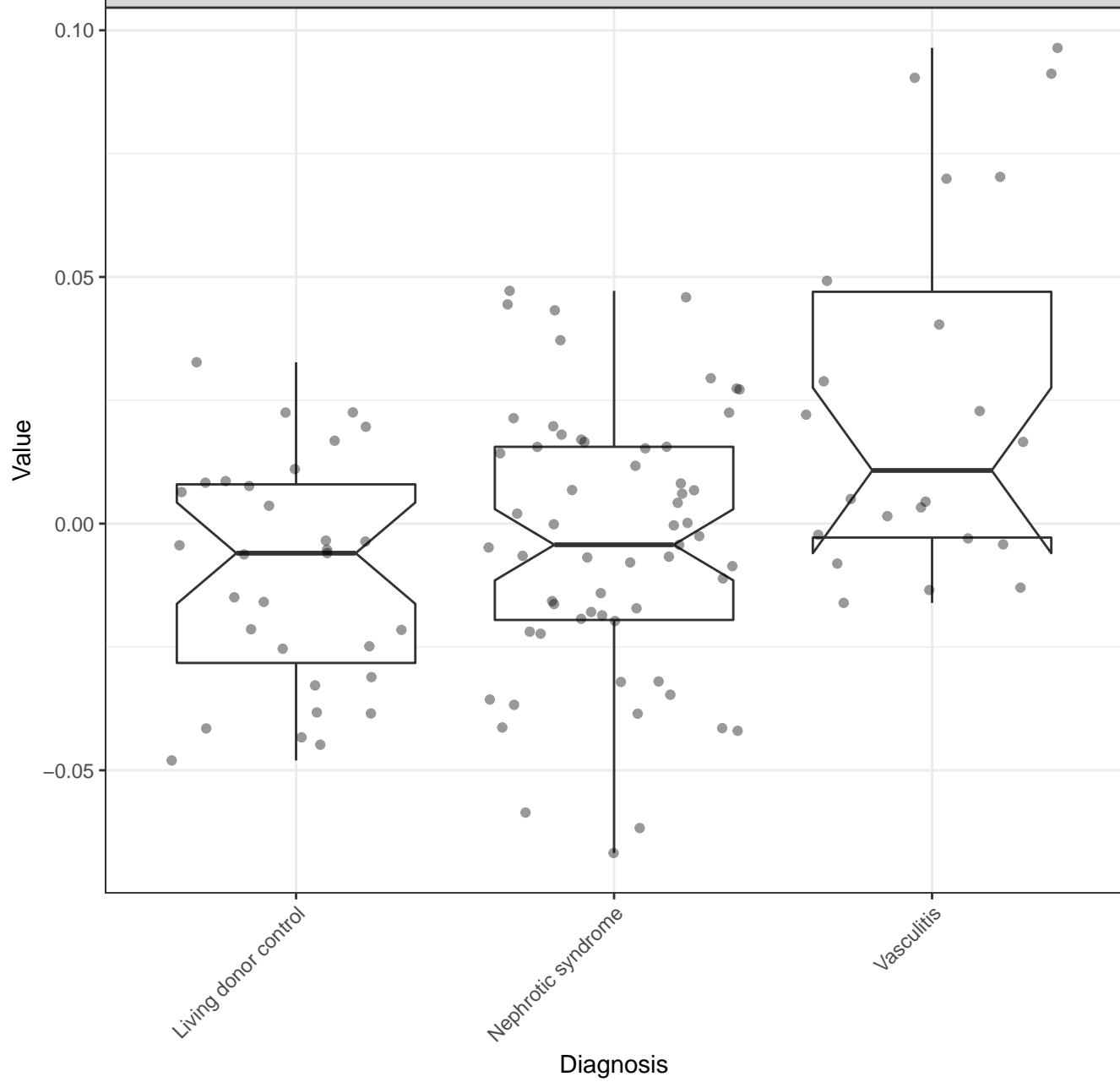
Nephrotic syndrome

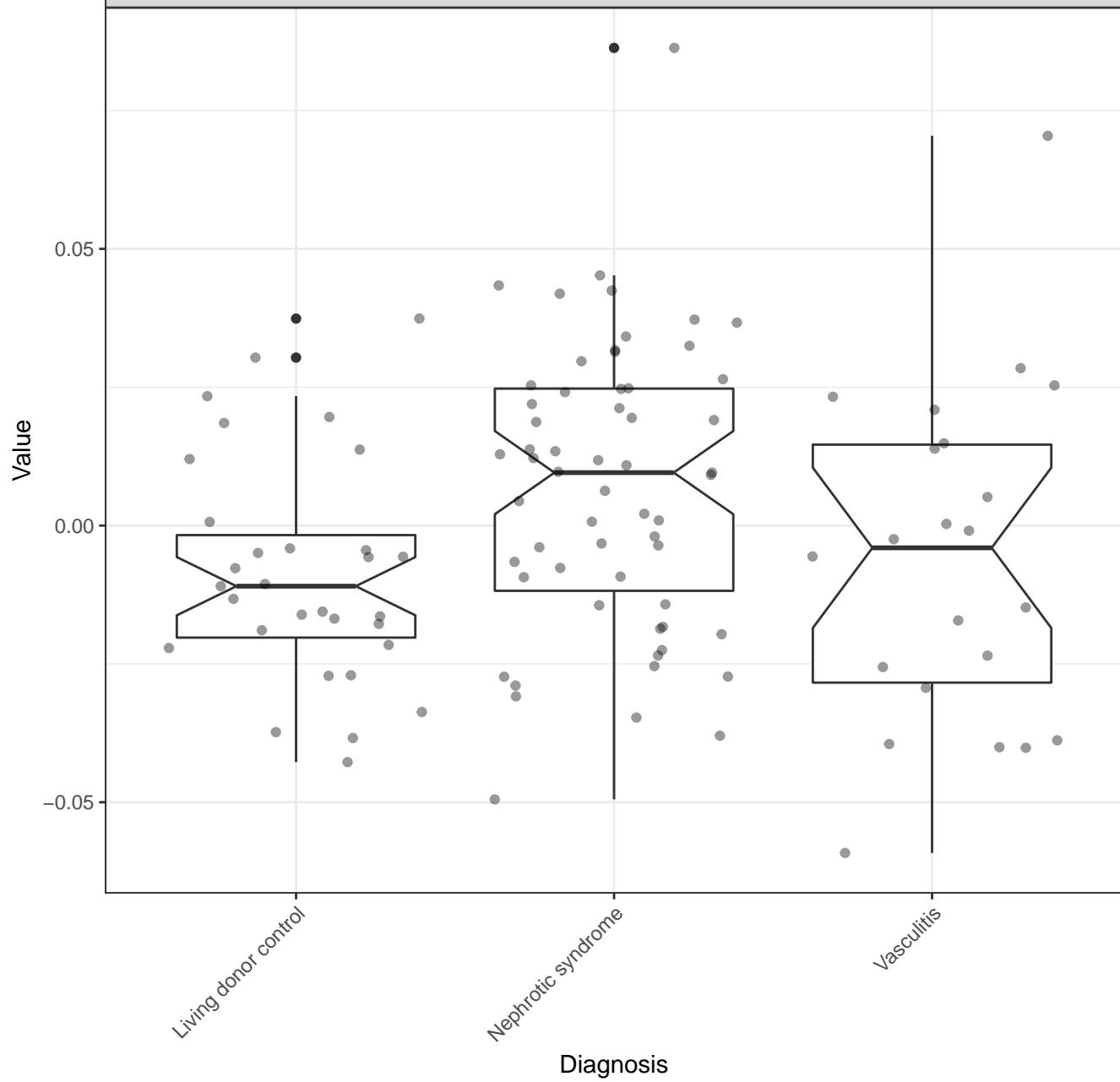
Vasculitis

Diagnosis

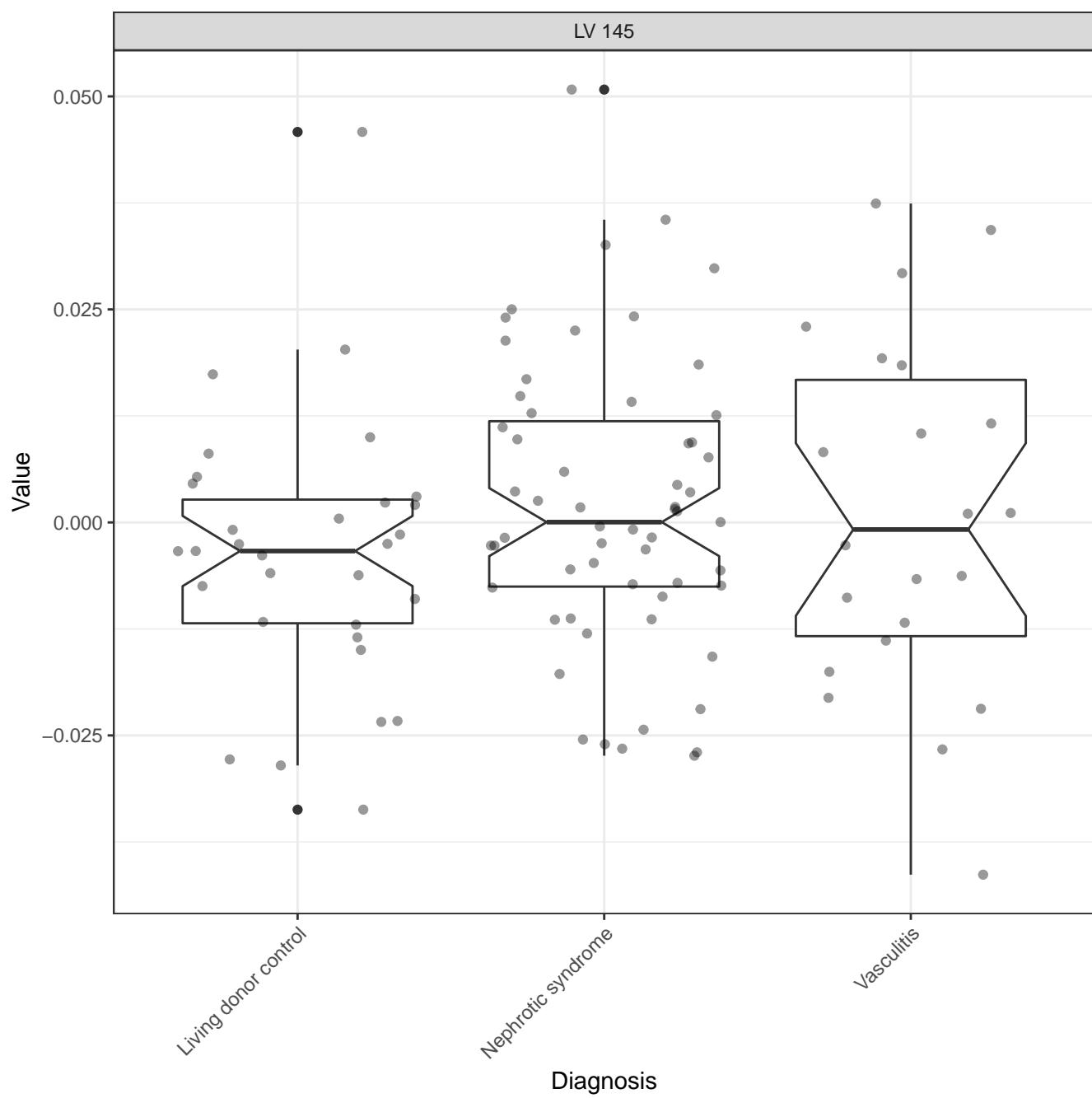


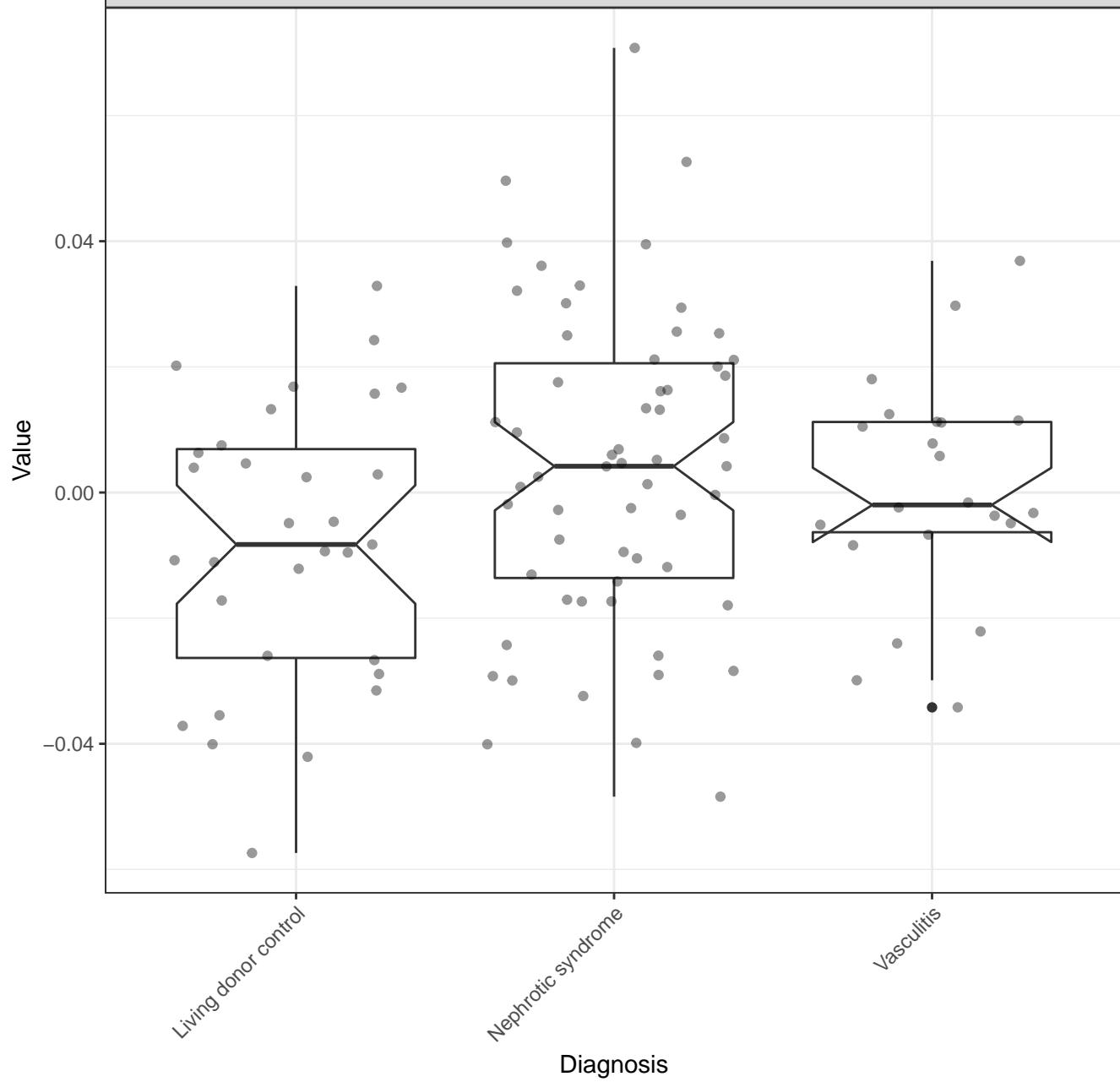
LV 143

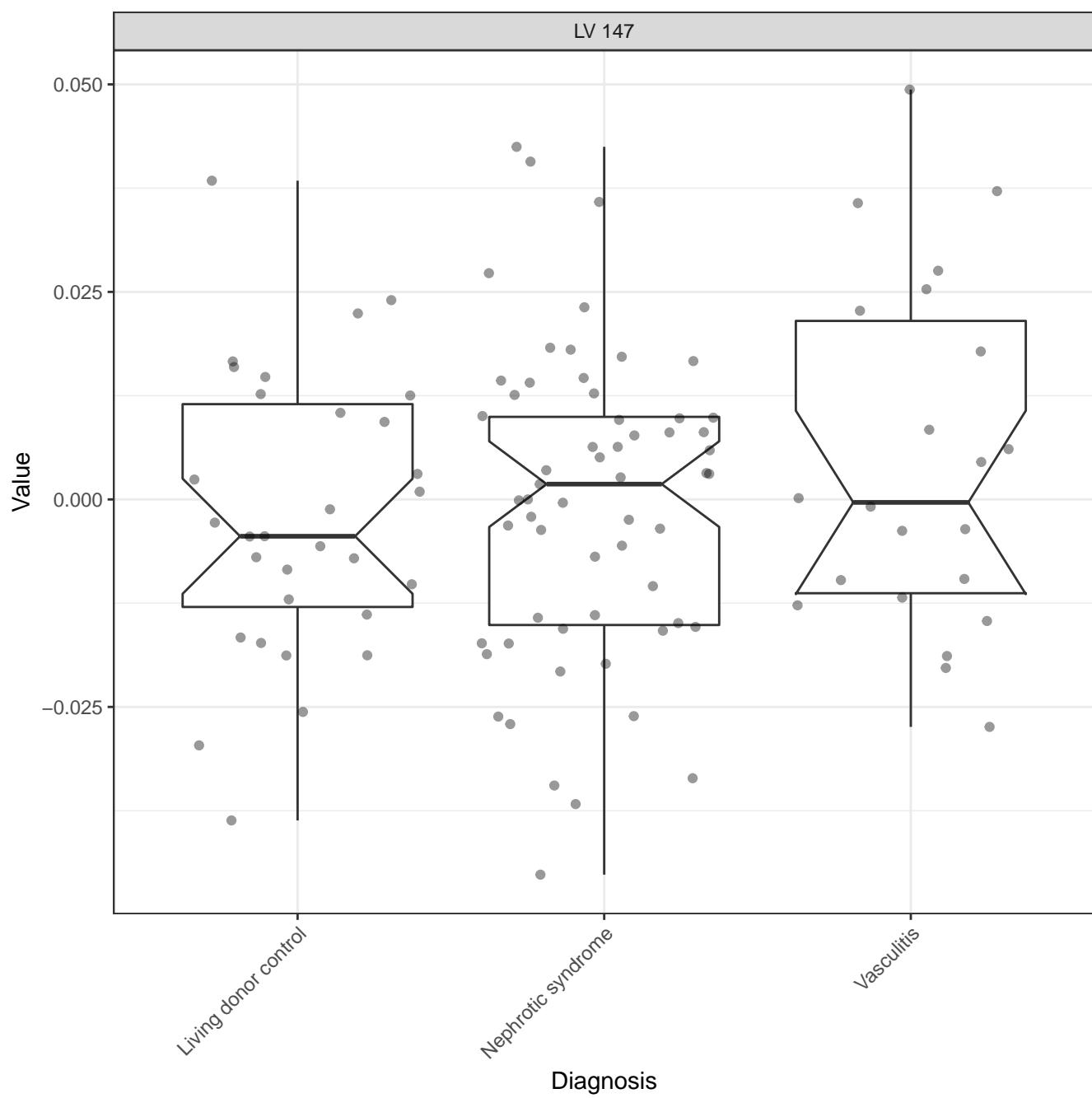




LV 145

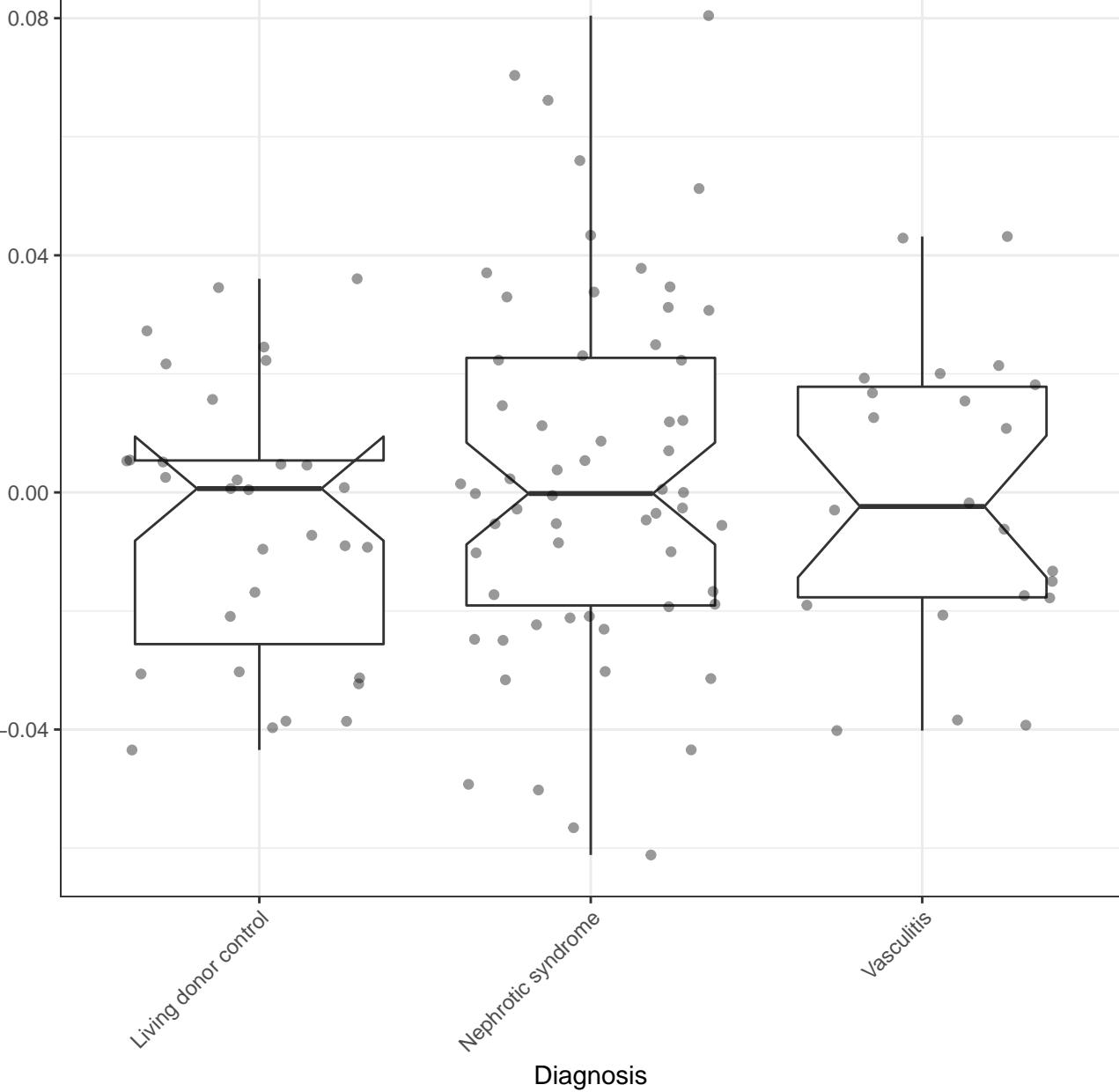






LV 148

Value



Value

0.05

0.00

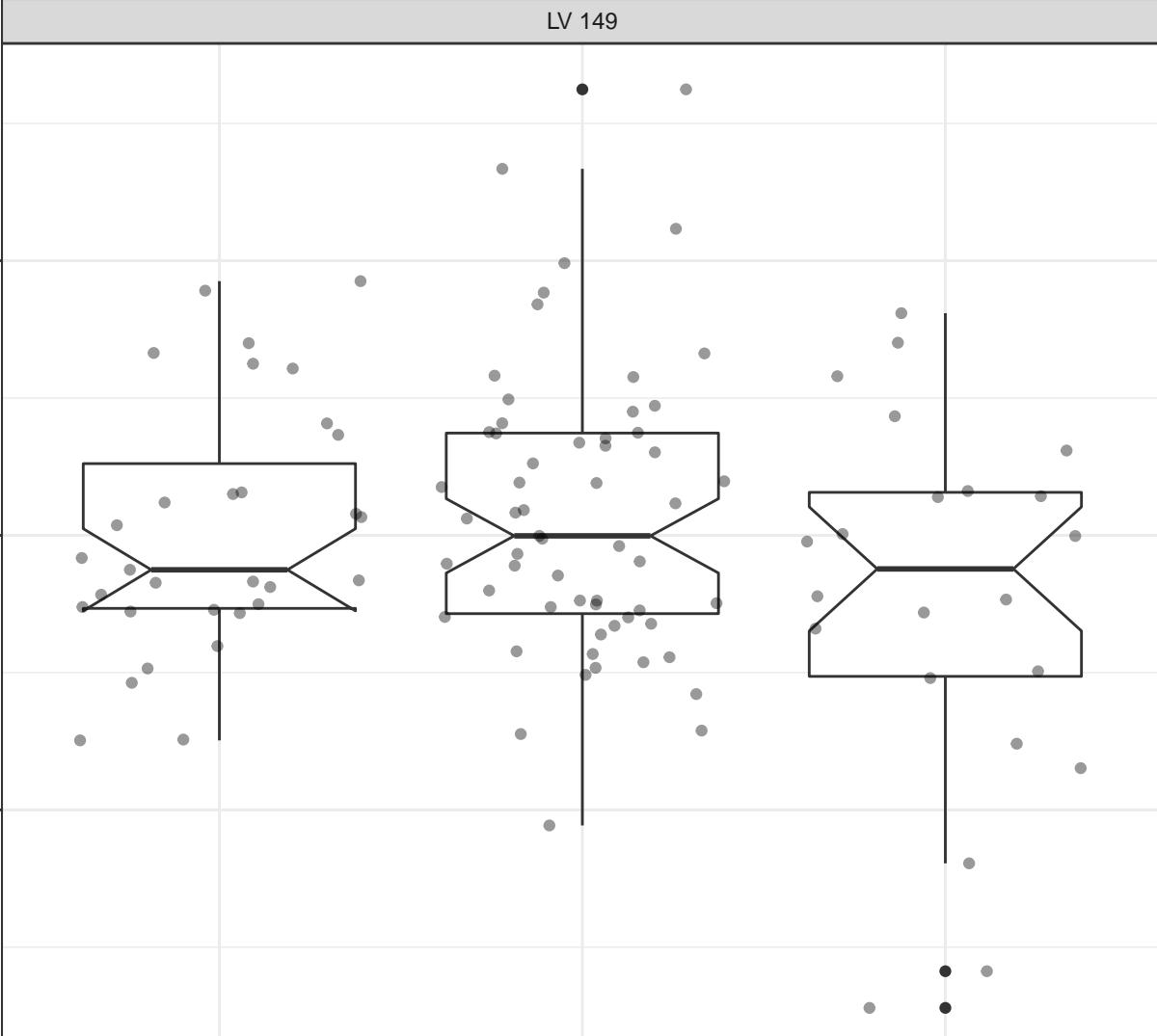
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 150

Value

0.04

0.01

-0.04

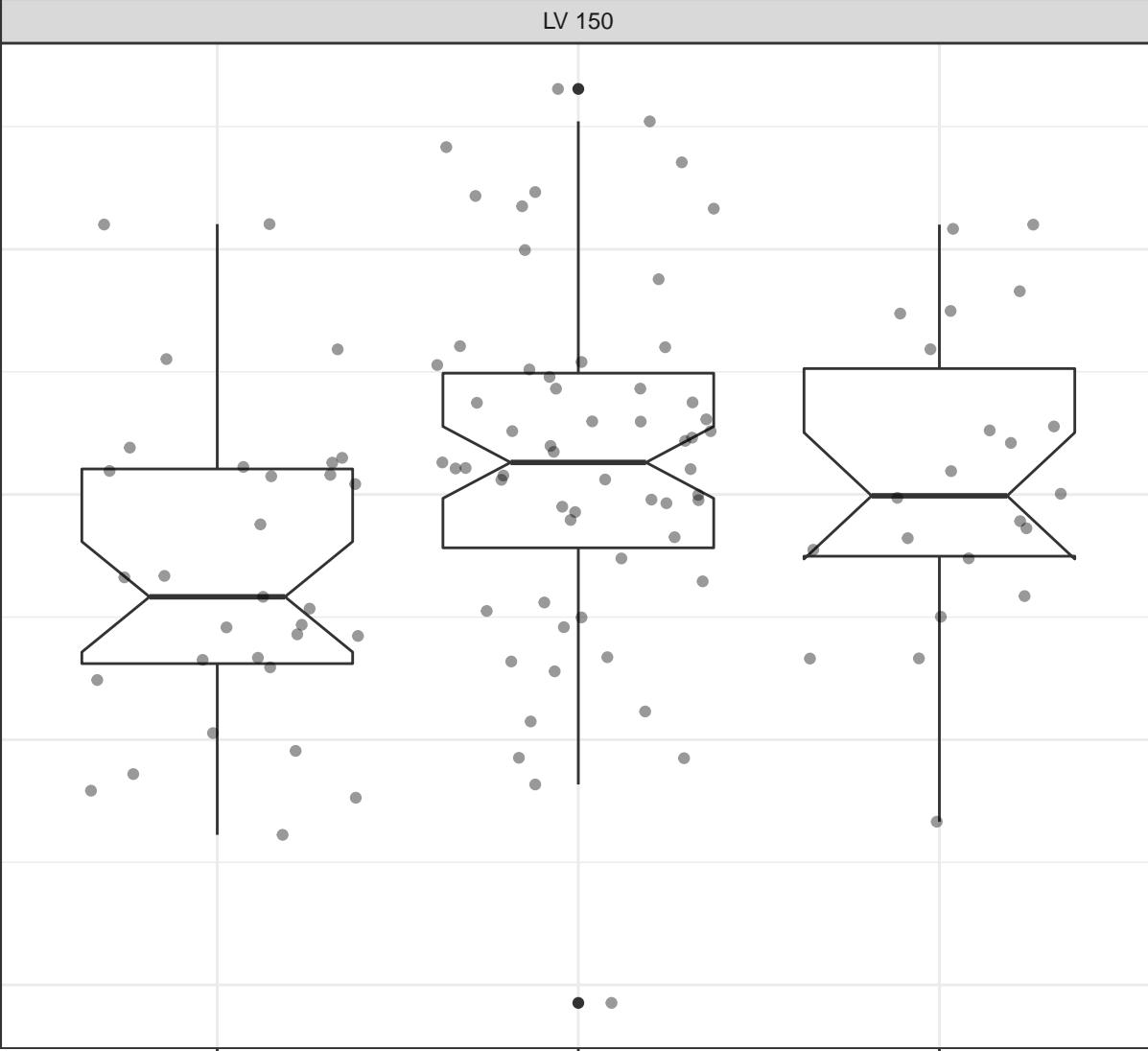
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

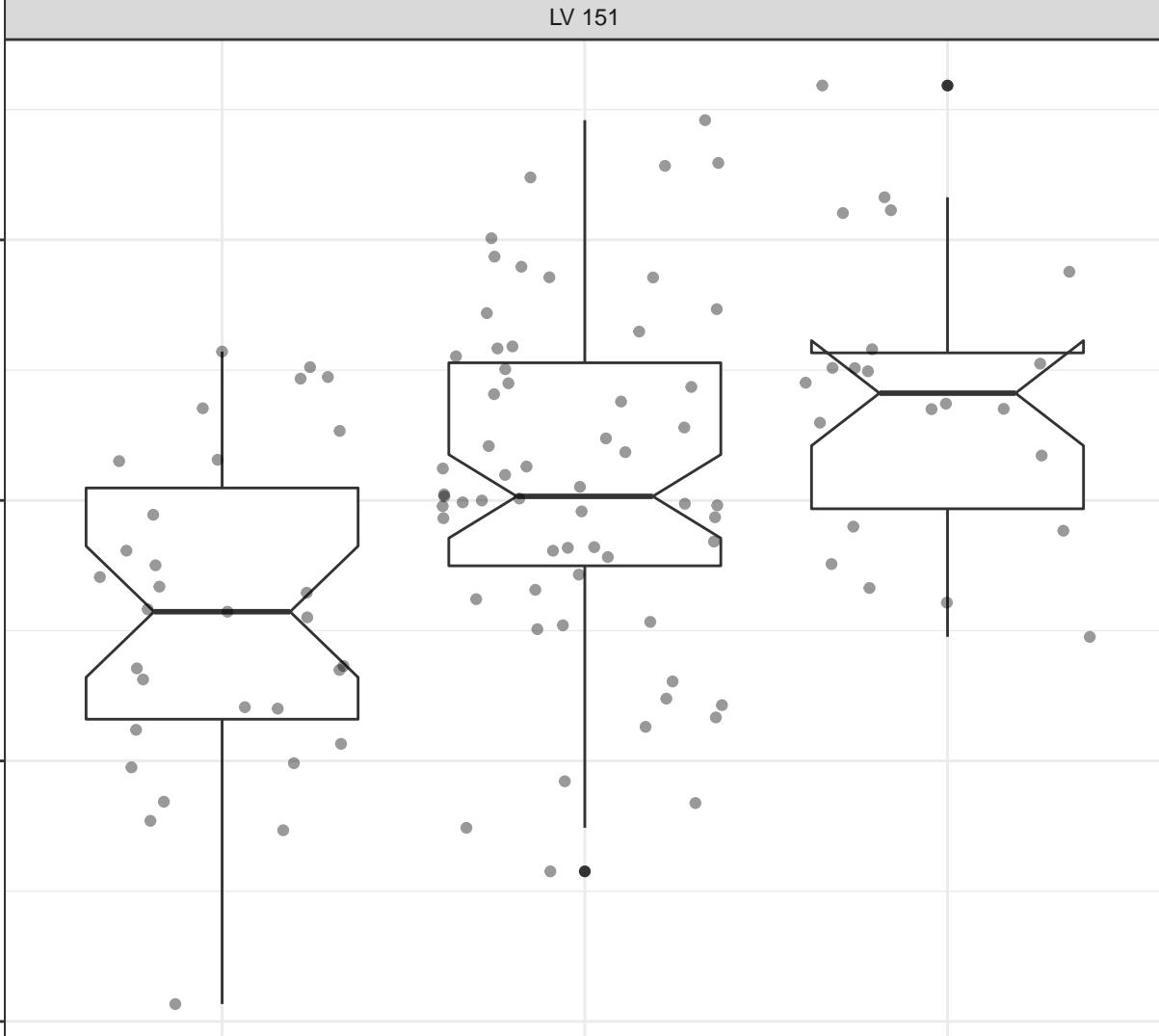
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 152

Value

0.05

0.00

-0.05

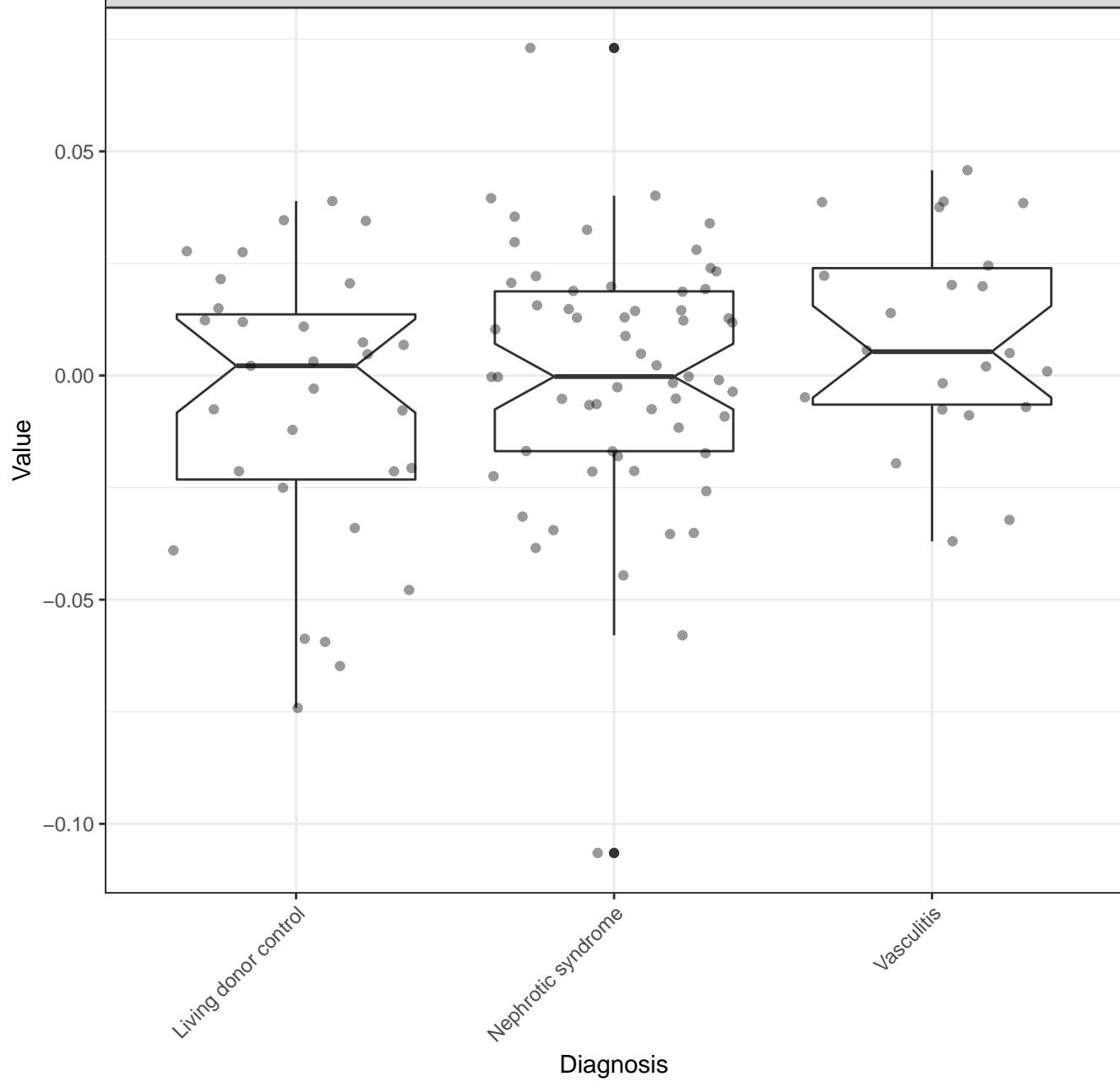
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 153



Value

0.05

0.00

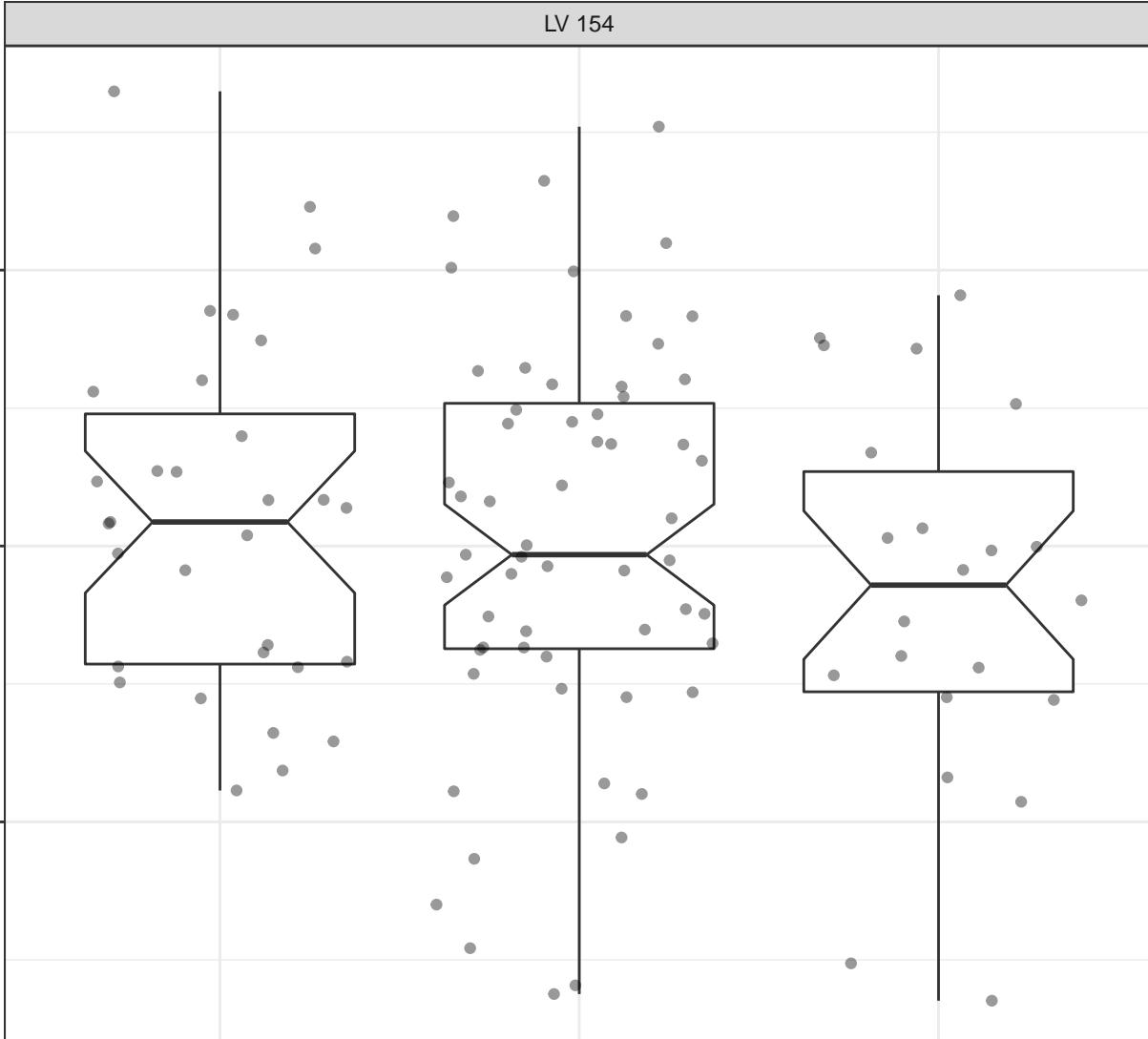
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 155

Value

0.10

0.05

0.00

-0.05

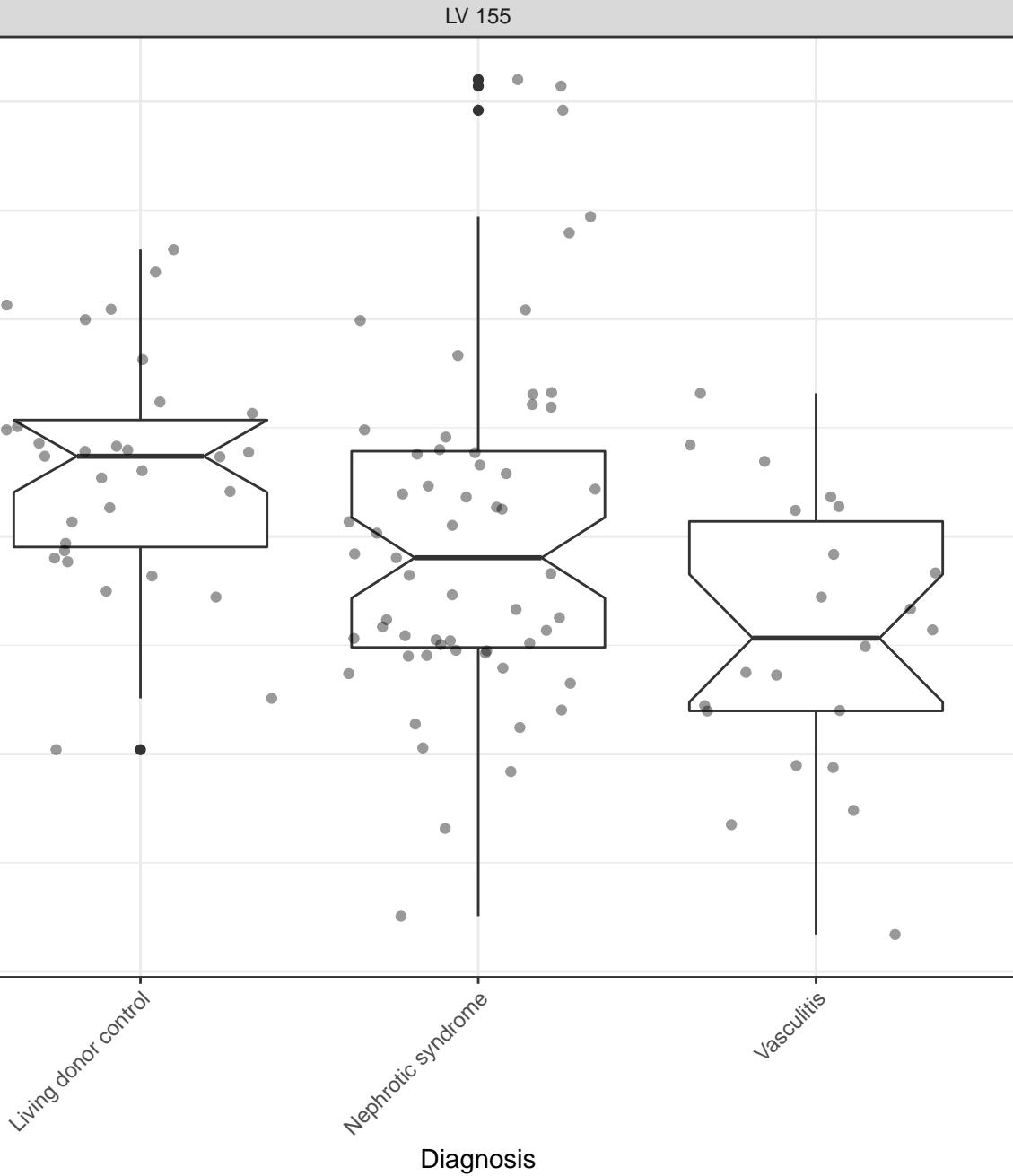
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.01

-0.04

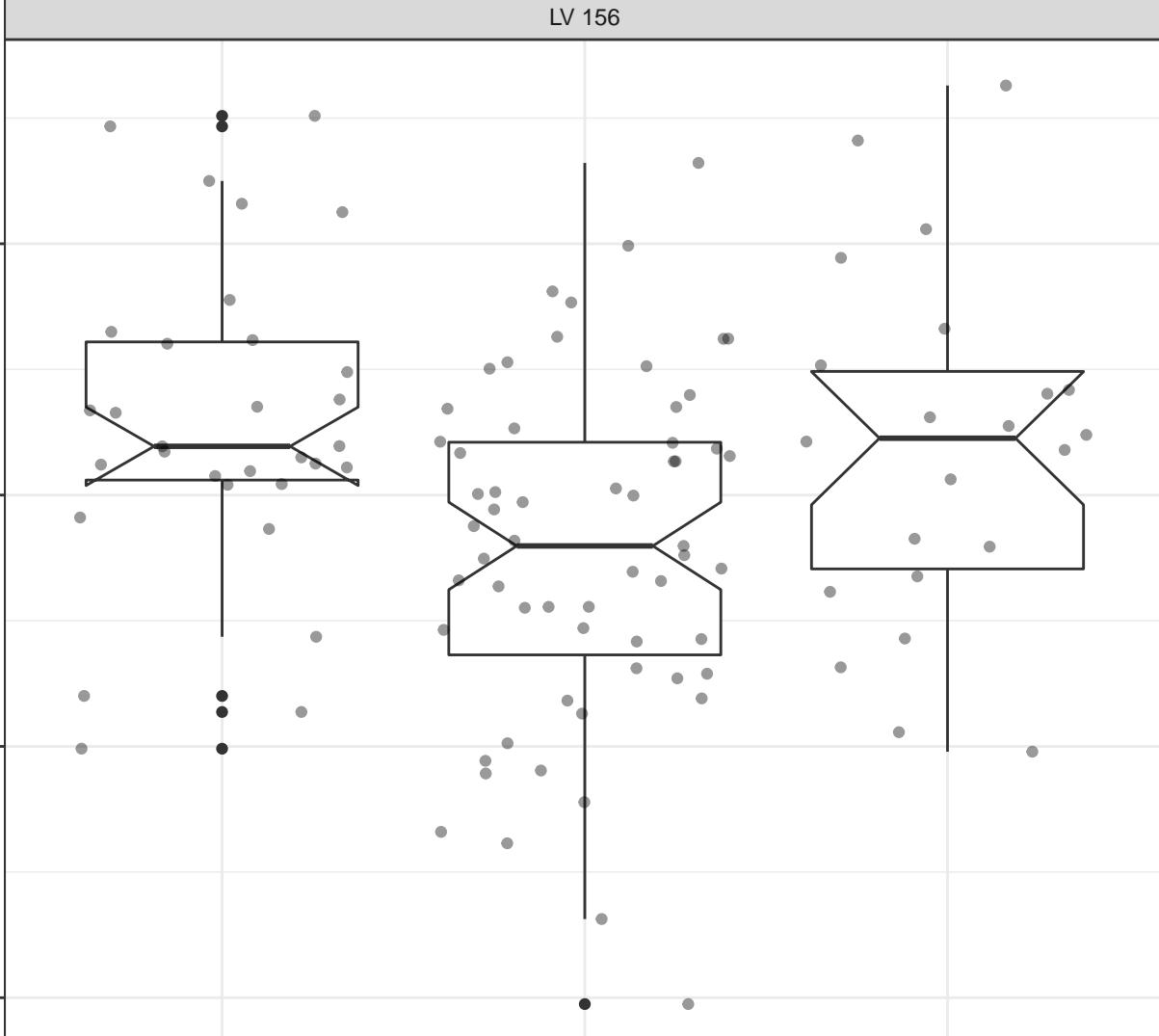
-0.08

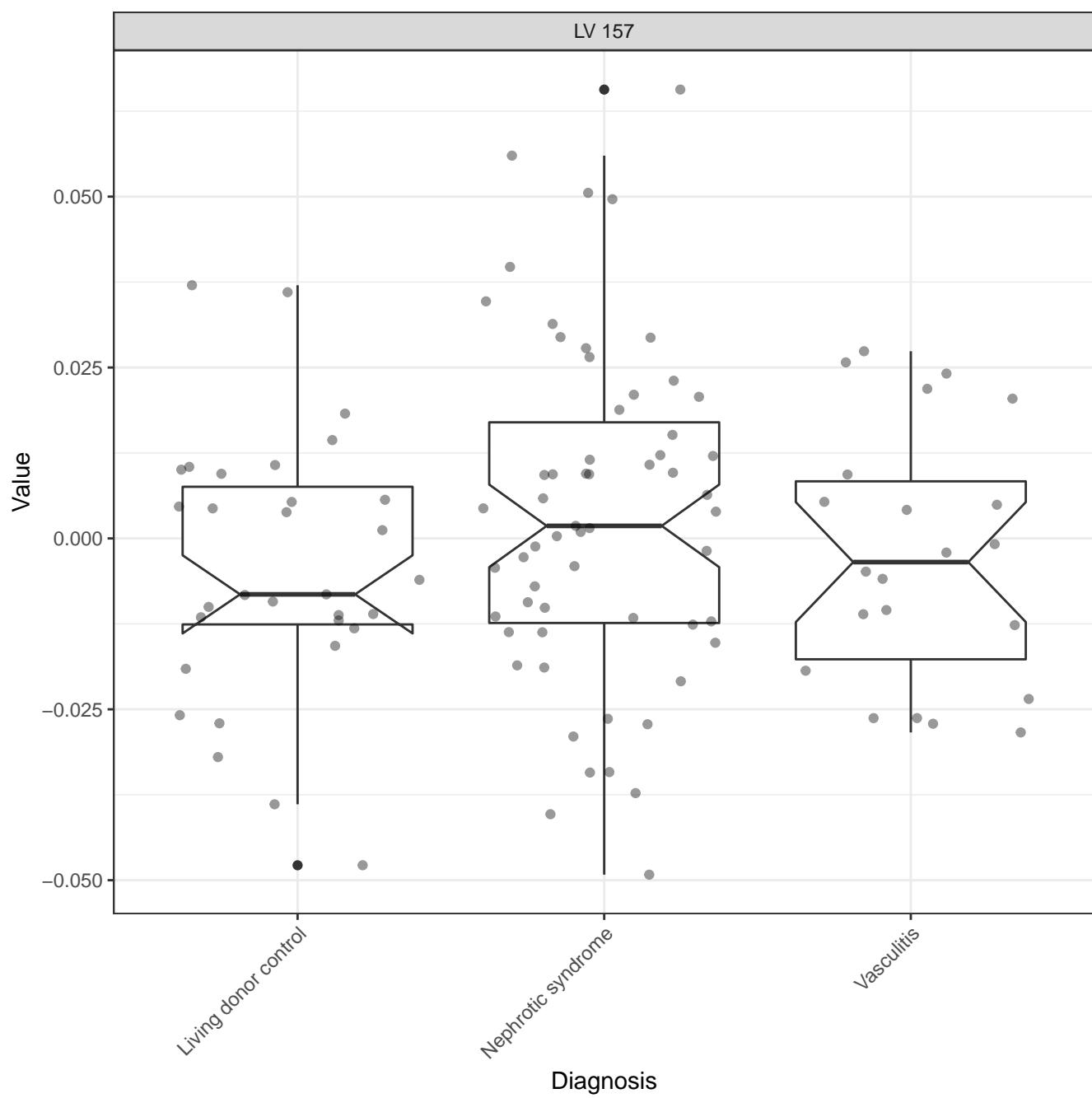
Living donor control

Nephrotic syndrome

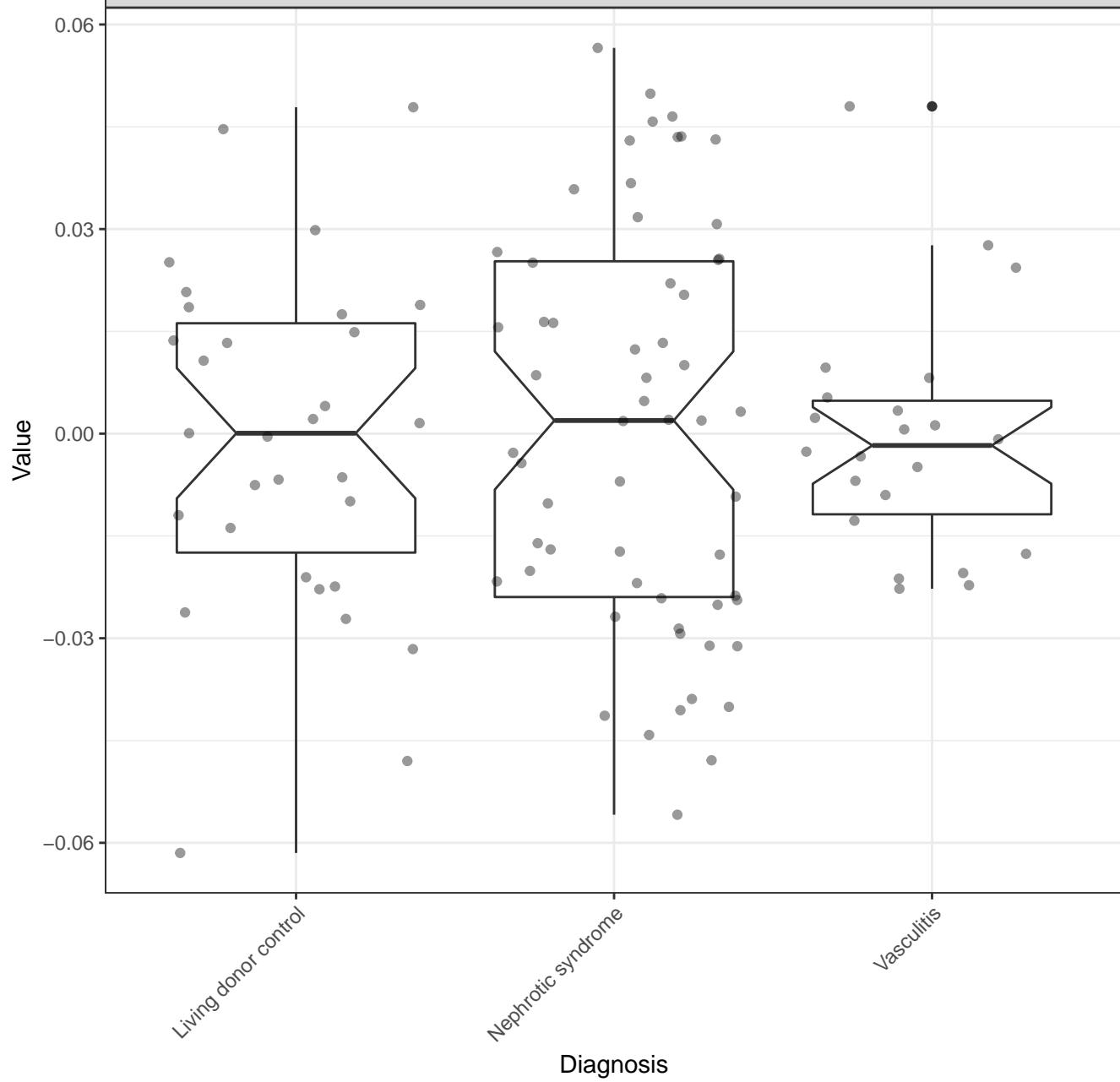
Vasculitis

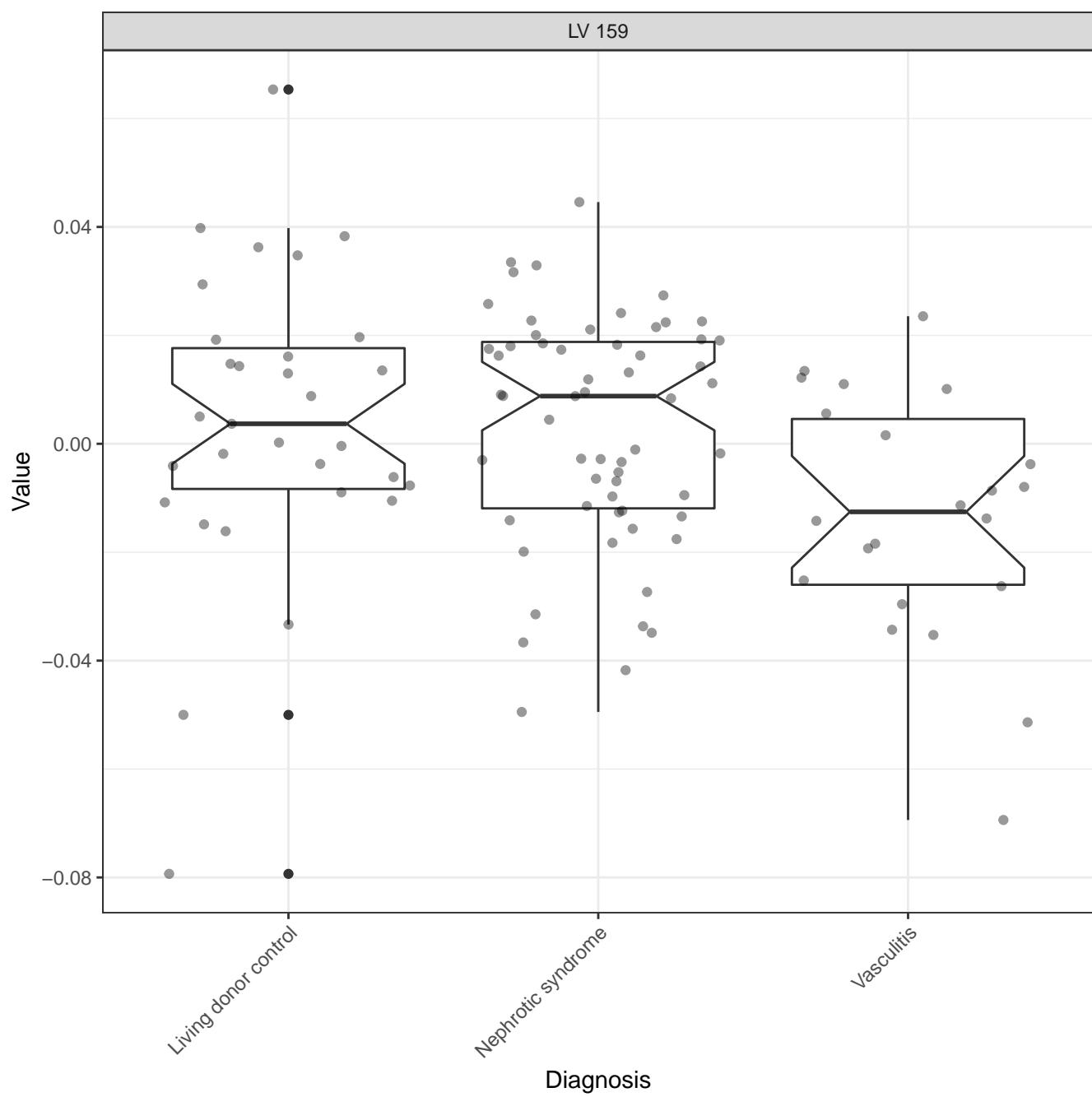
Diagnosis





LV 158





LV 160

Value

0.04

0.00

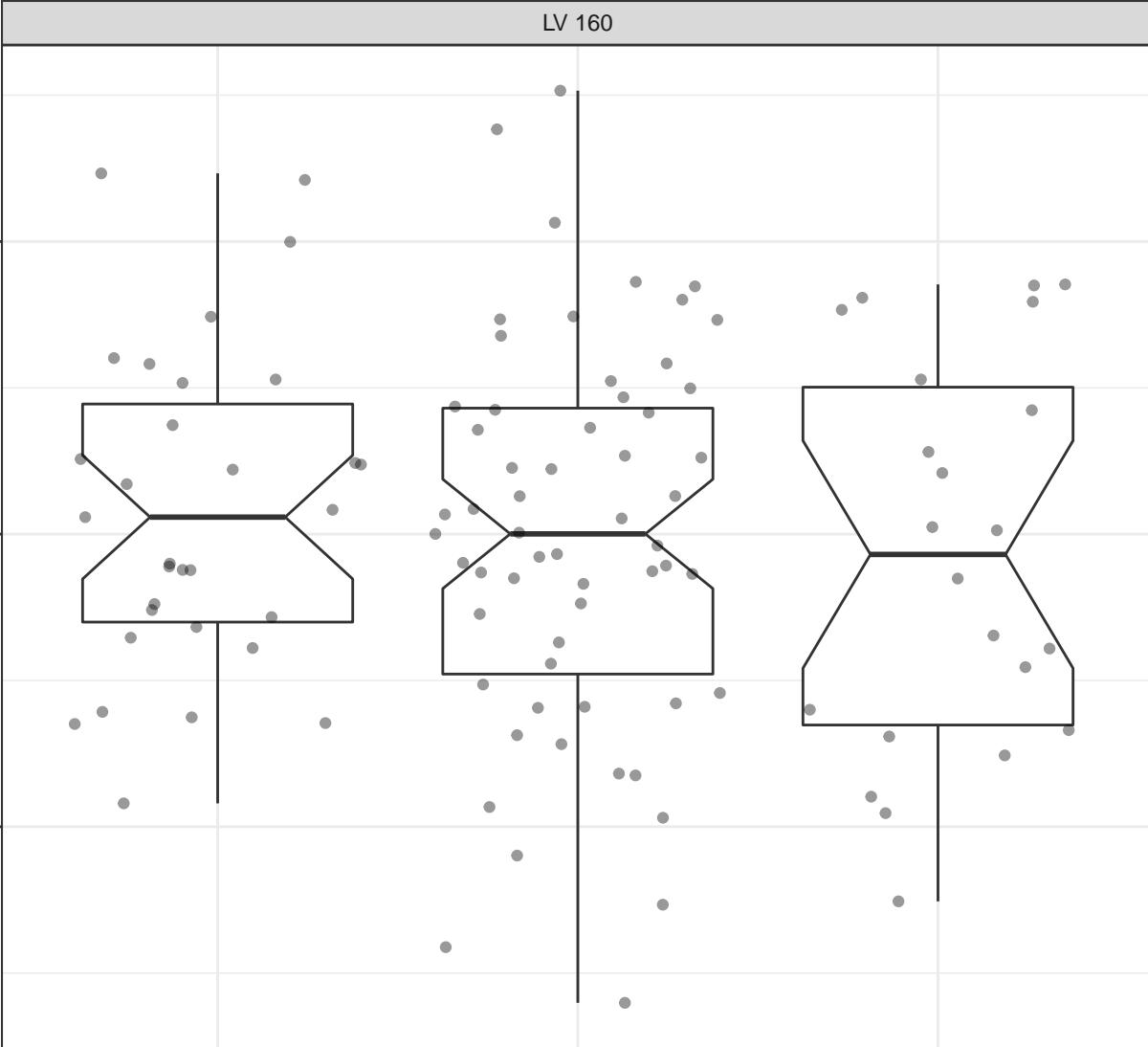
-0.04

Living donor control

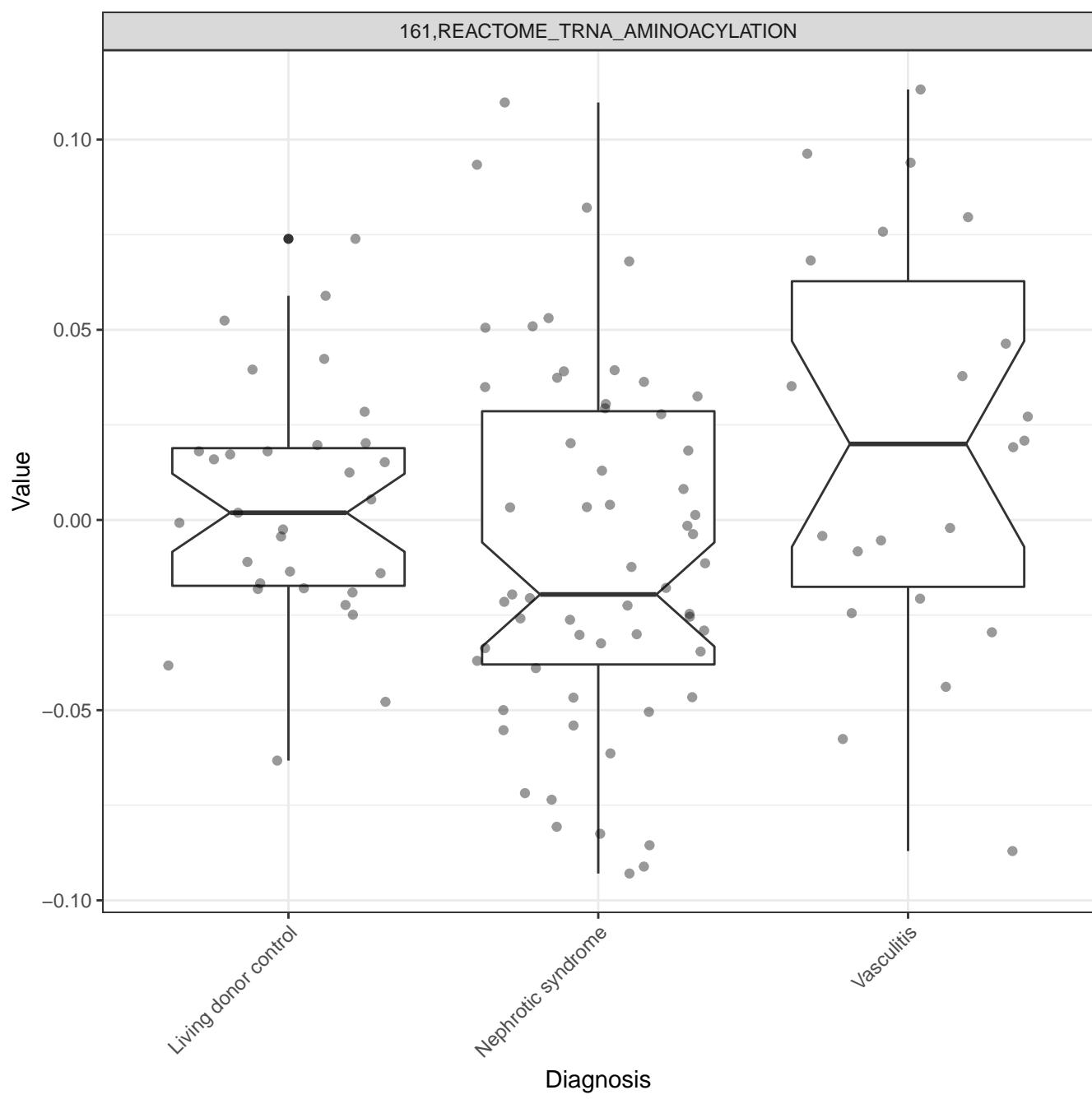
Nephrotic syndrome

Vasculitis

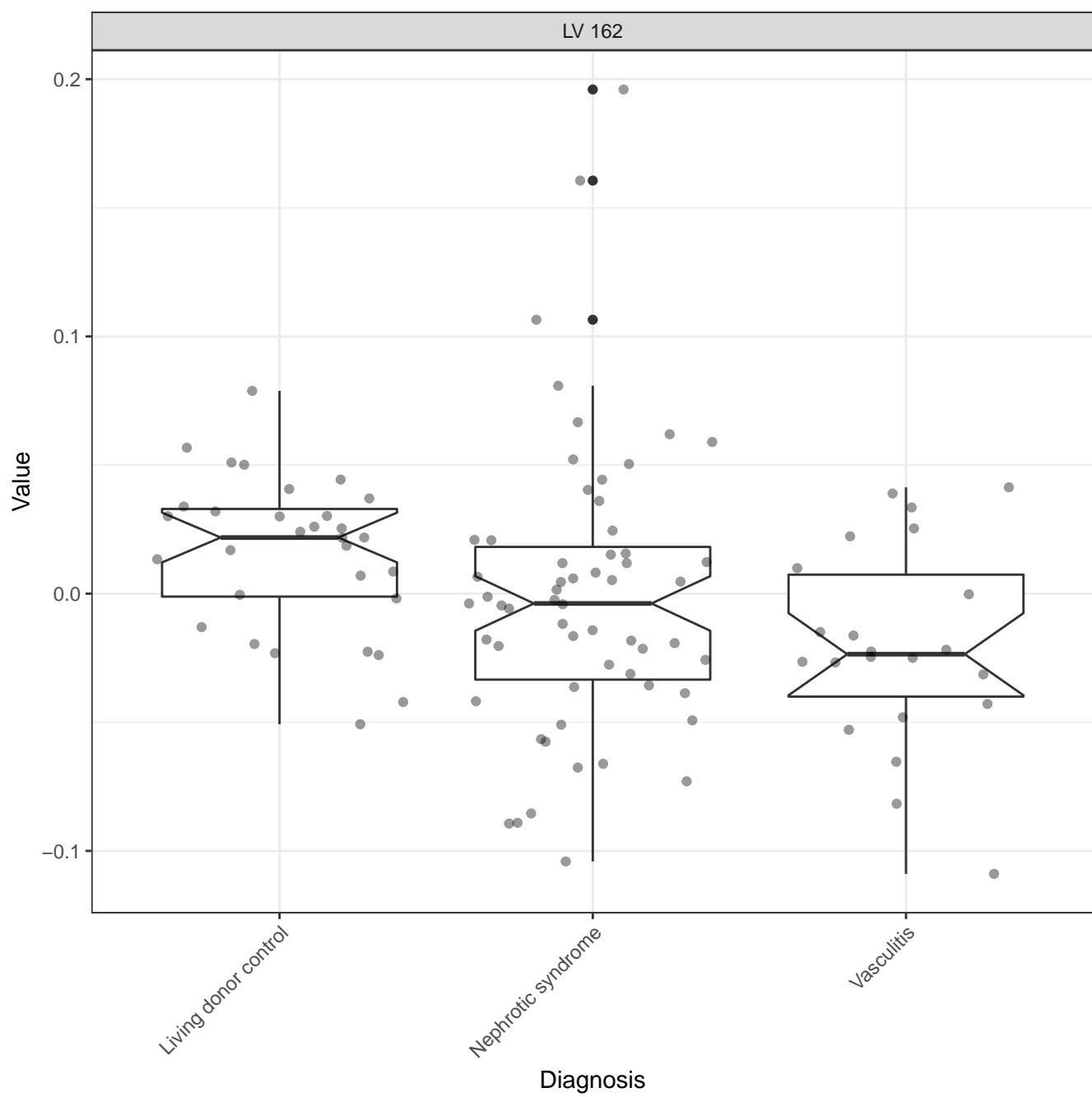
Diagnosis



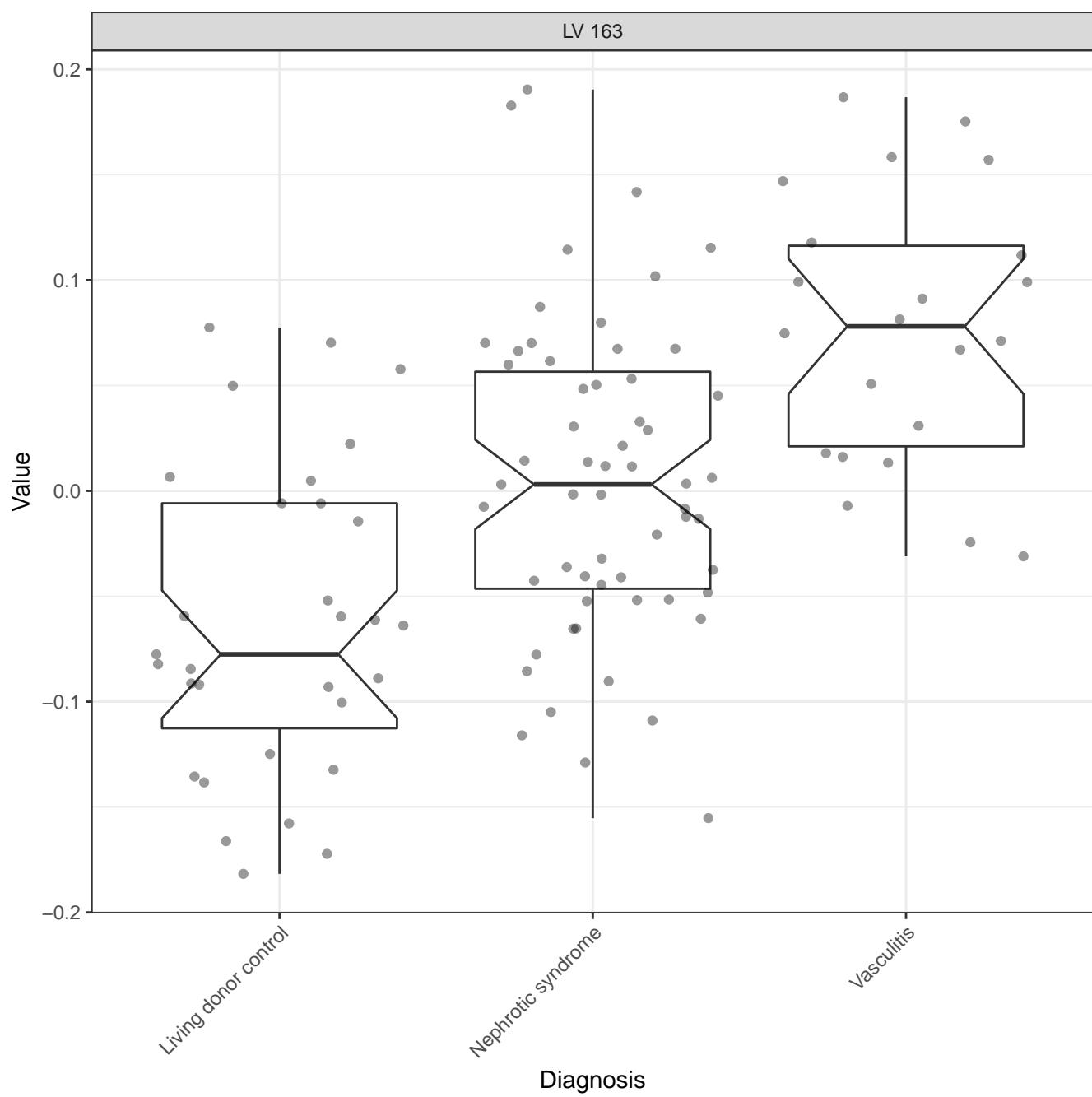
## 161,REACTOME\_TRNA\_AMINOACYLATION



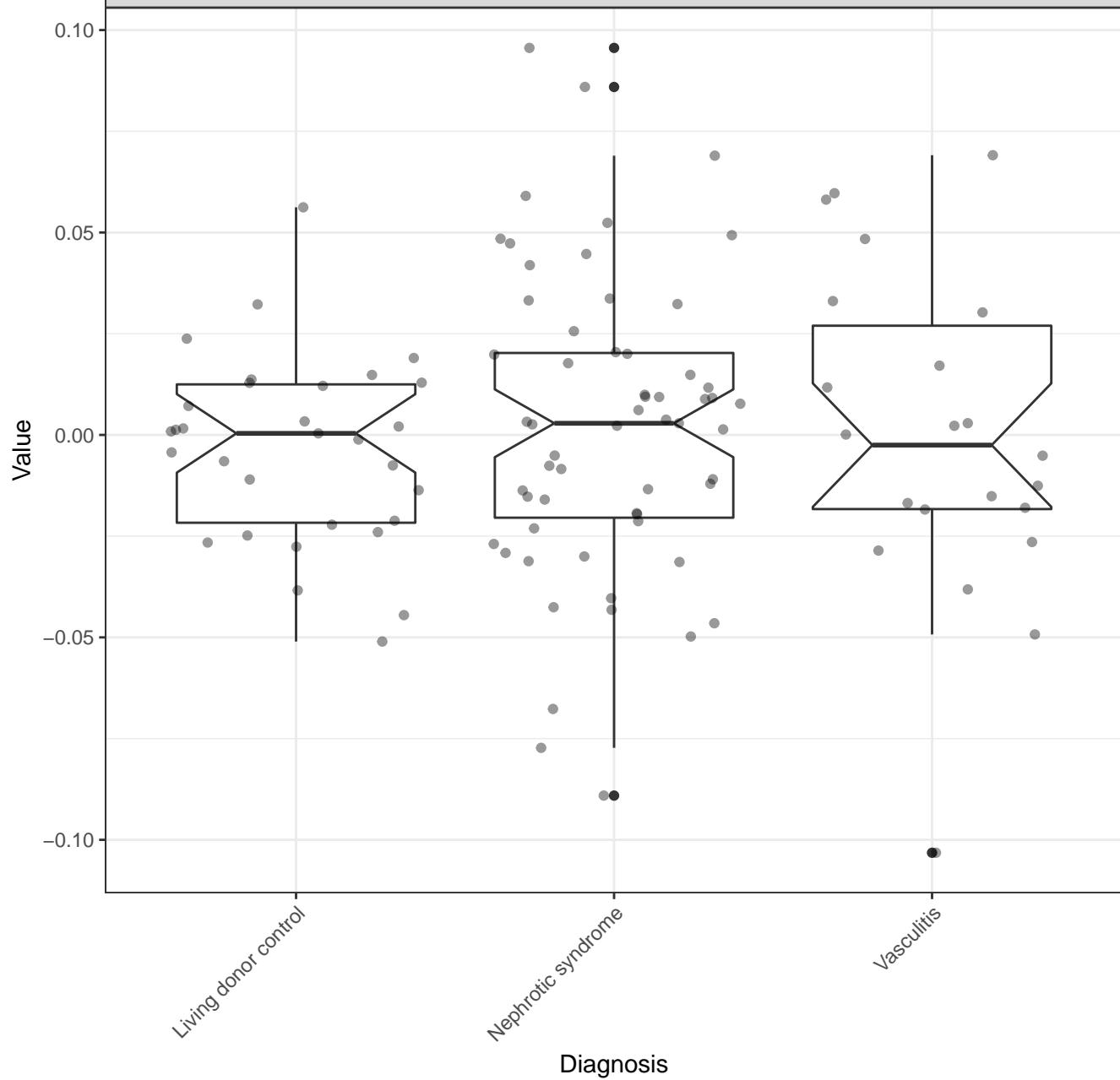
LV 162

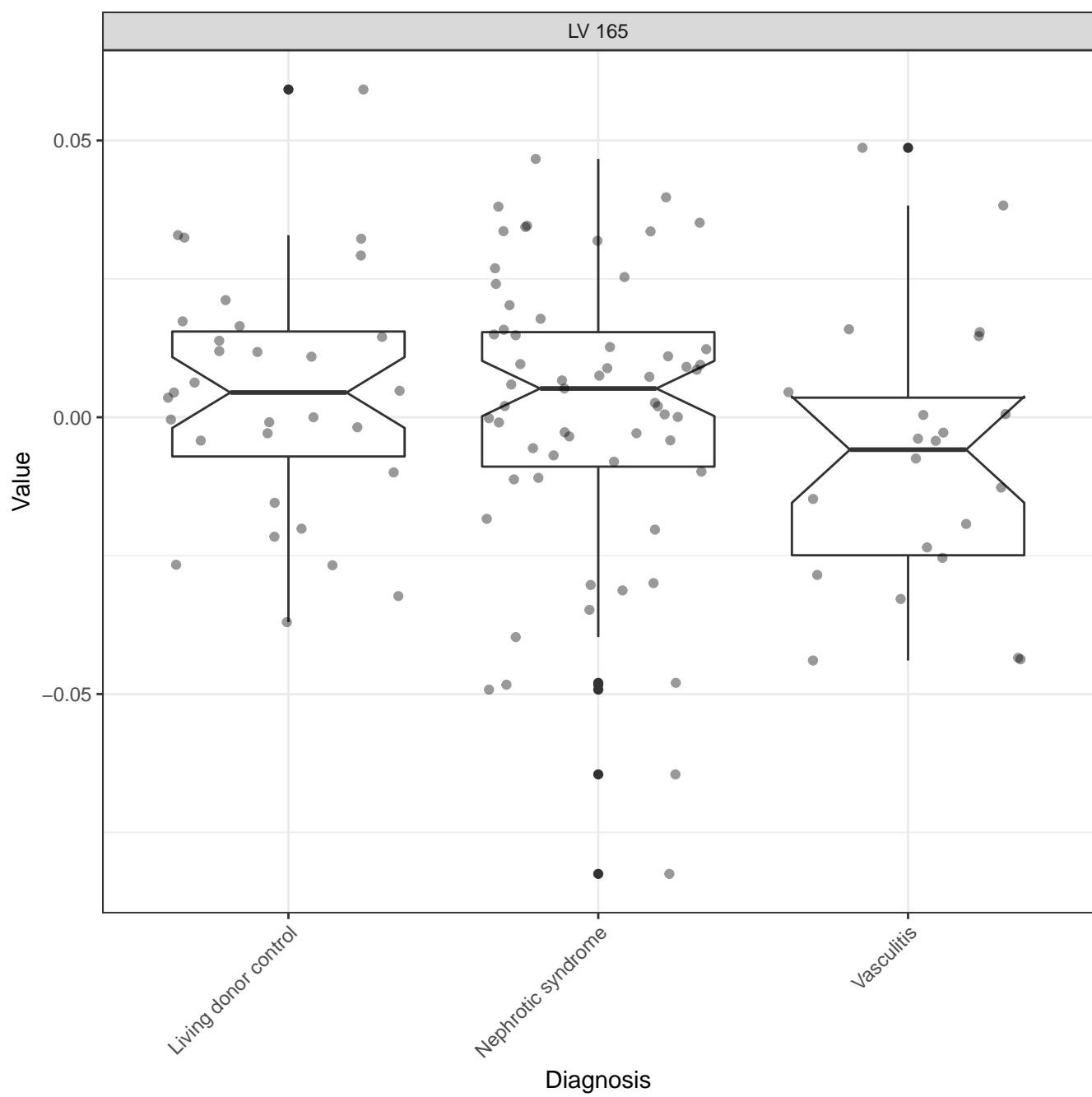


LV 163

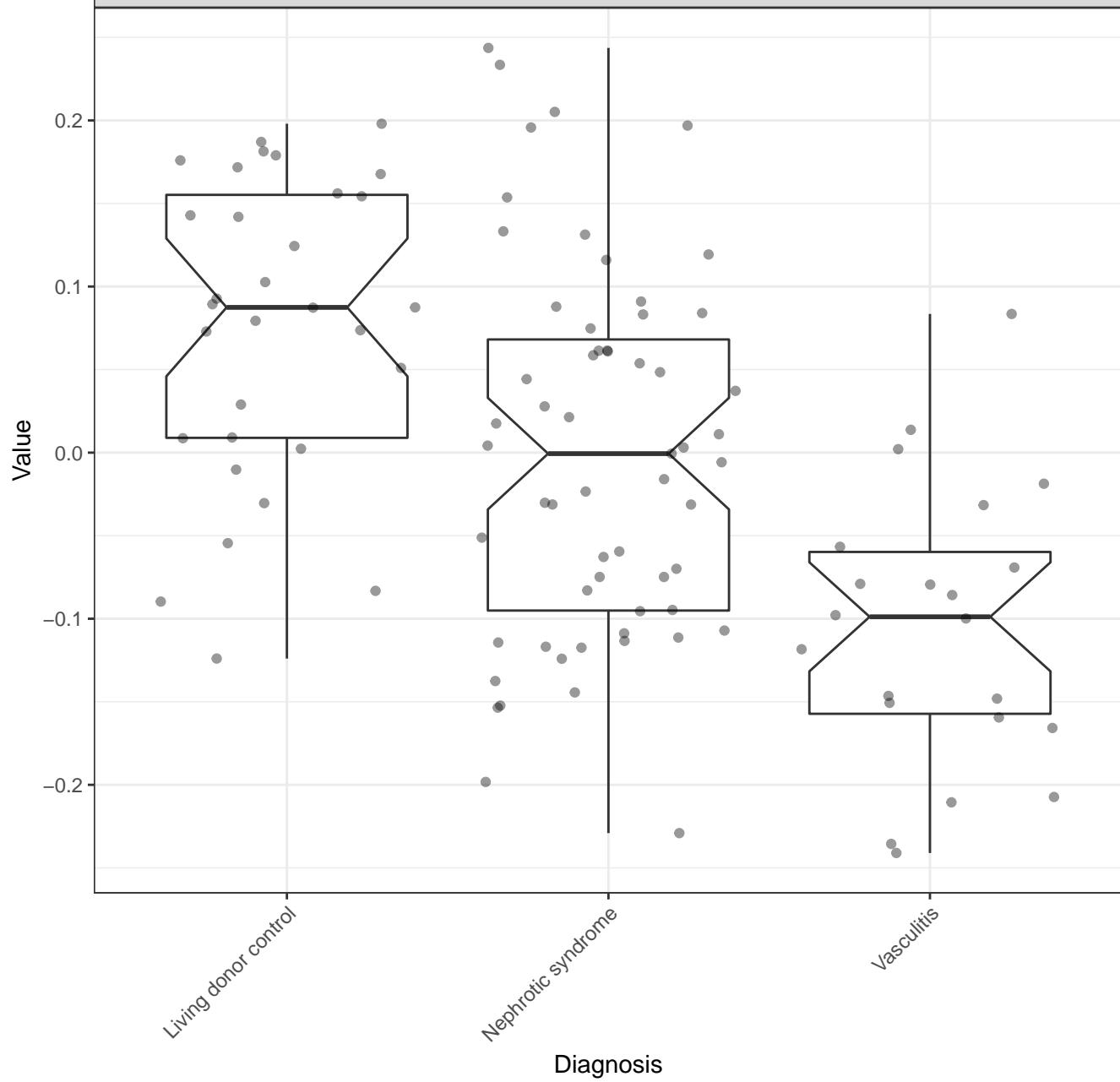


LV 164





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



Value

0.04

0.00

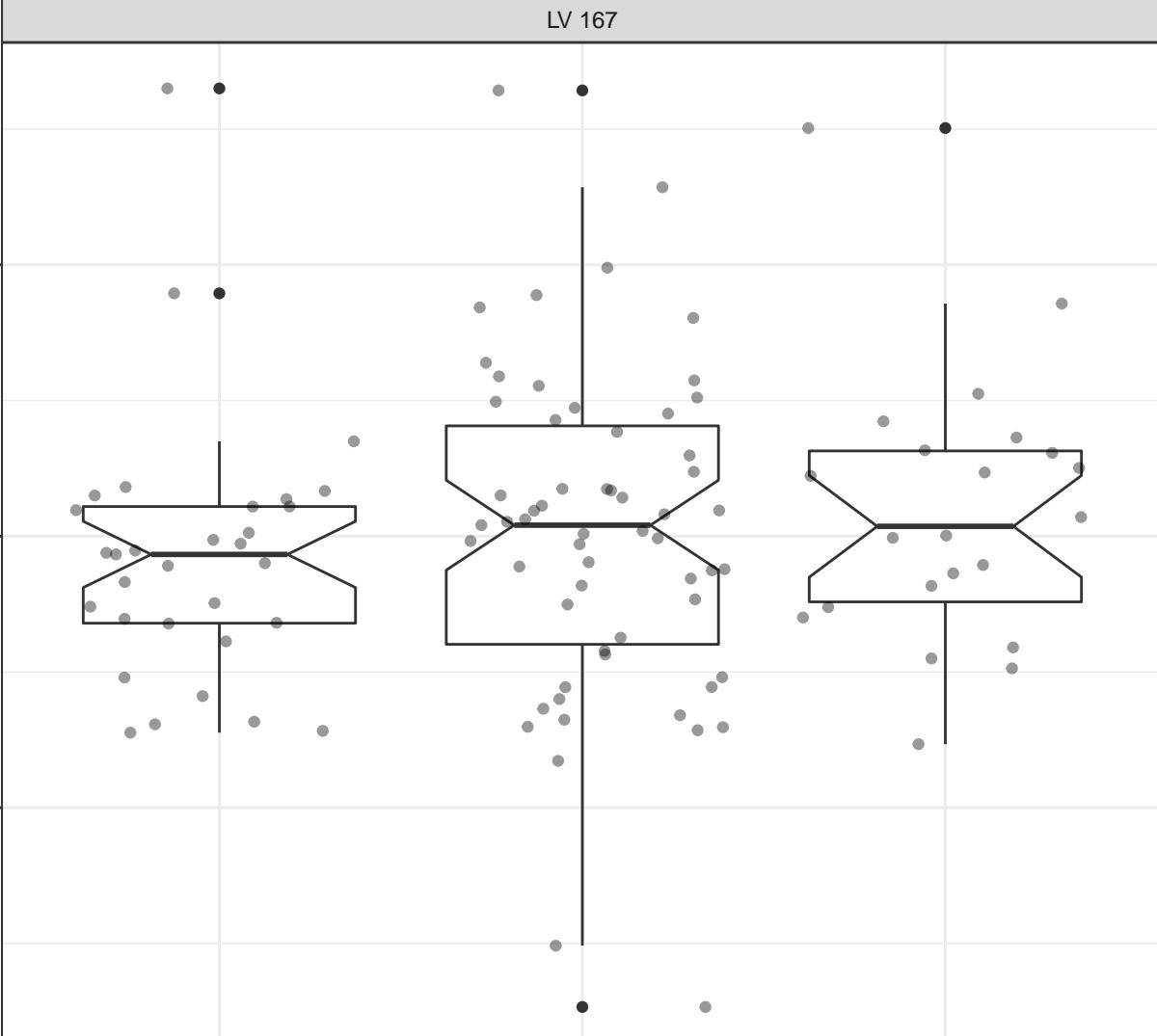
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

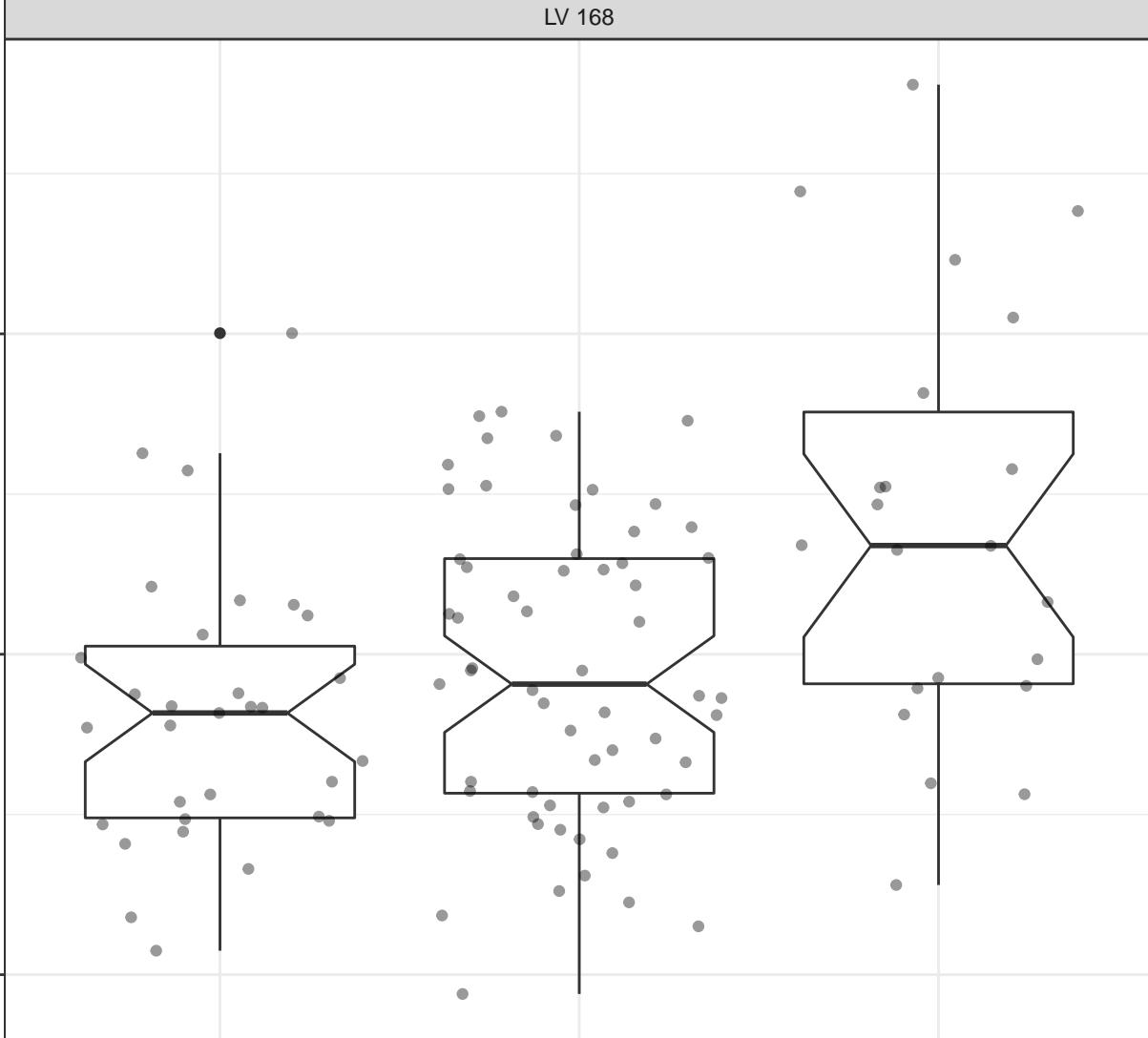
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 169

Value

0.05

0.00

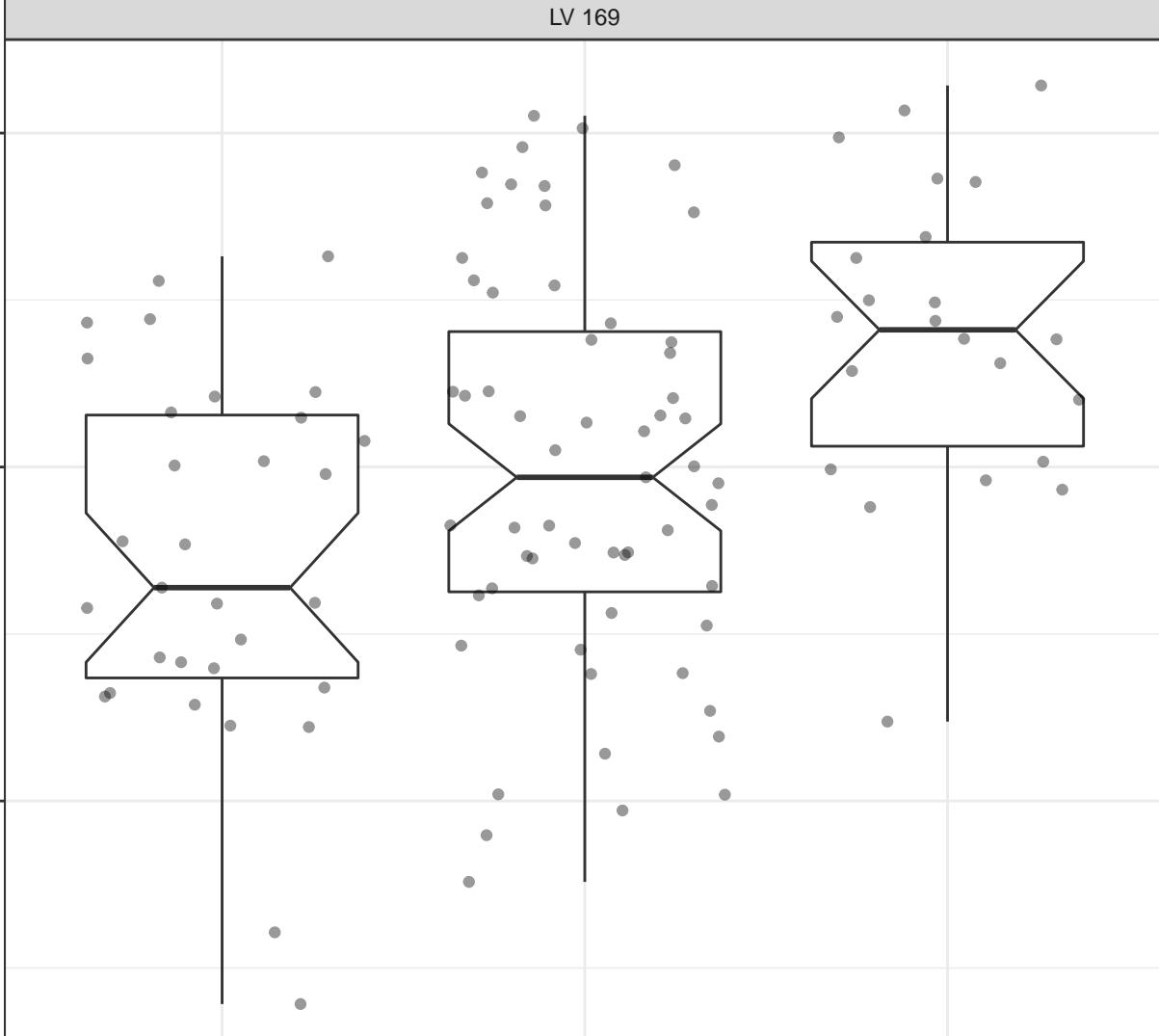
-0.05

Living donor control

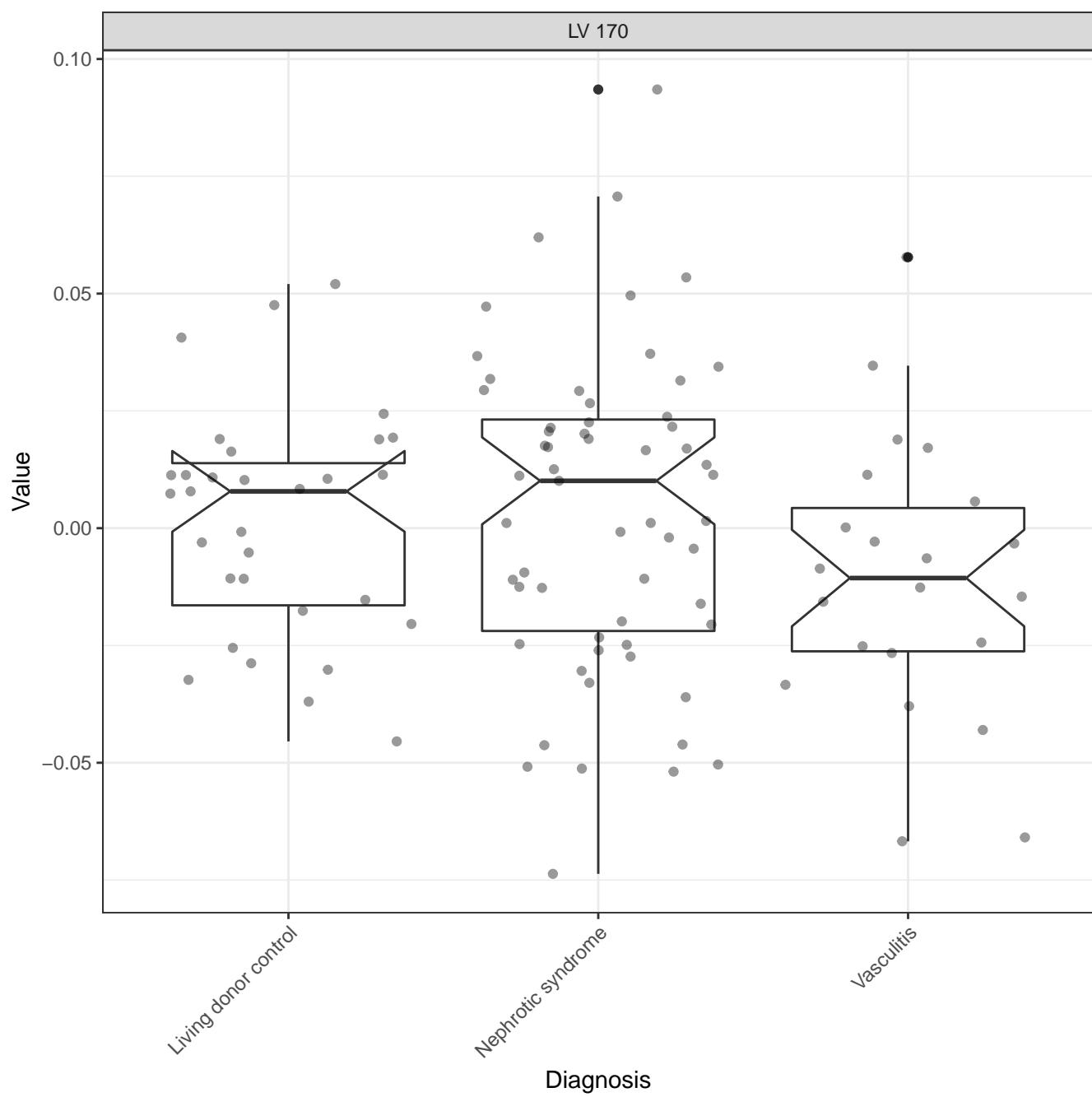
Nephrotic syndrome

Vasculitis

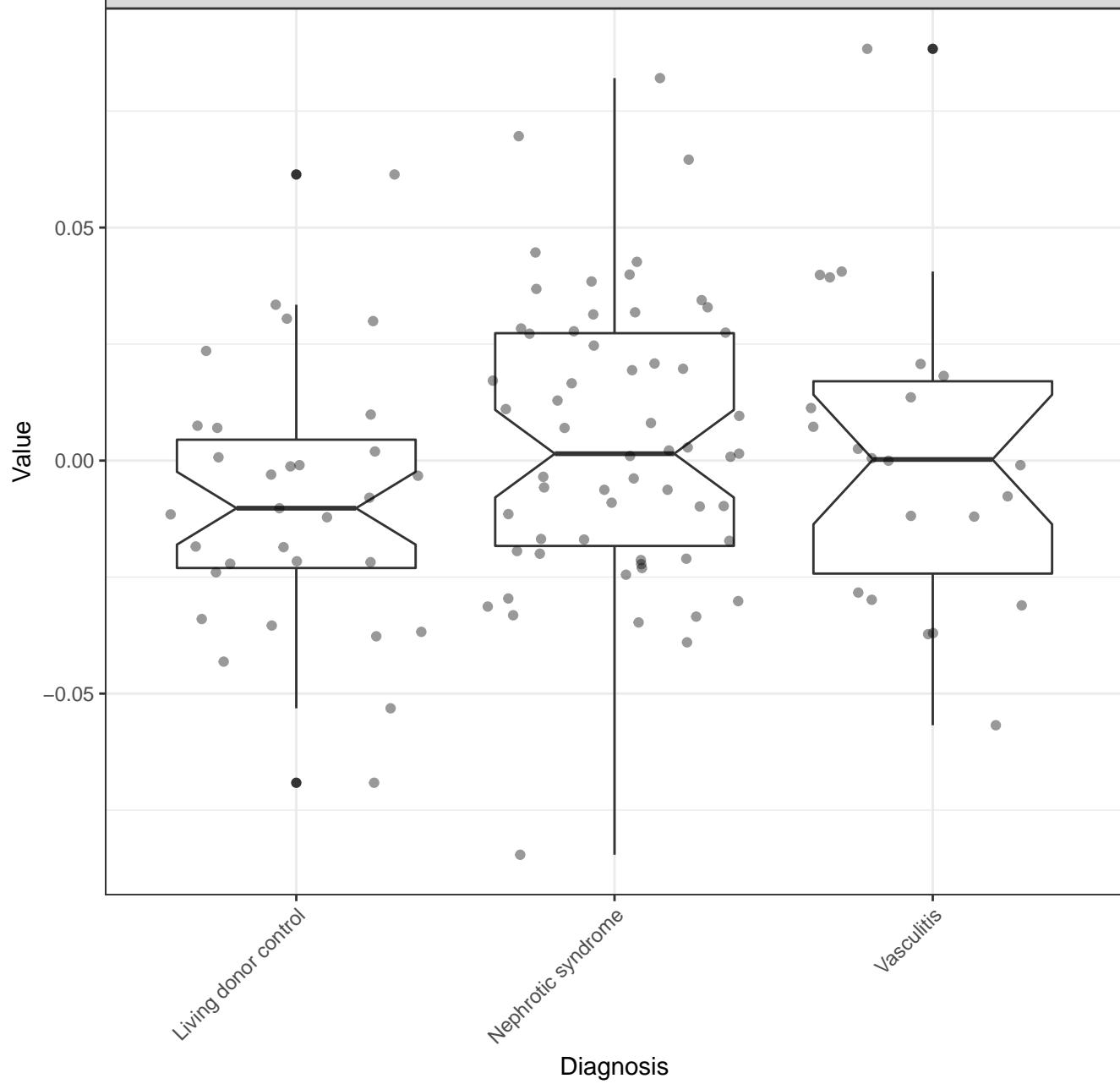
Diagnosis

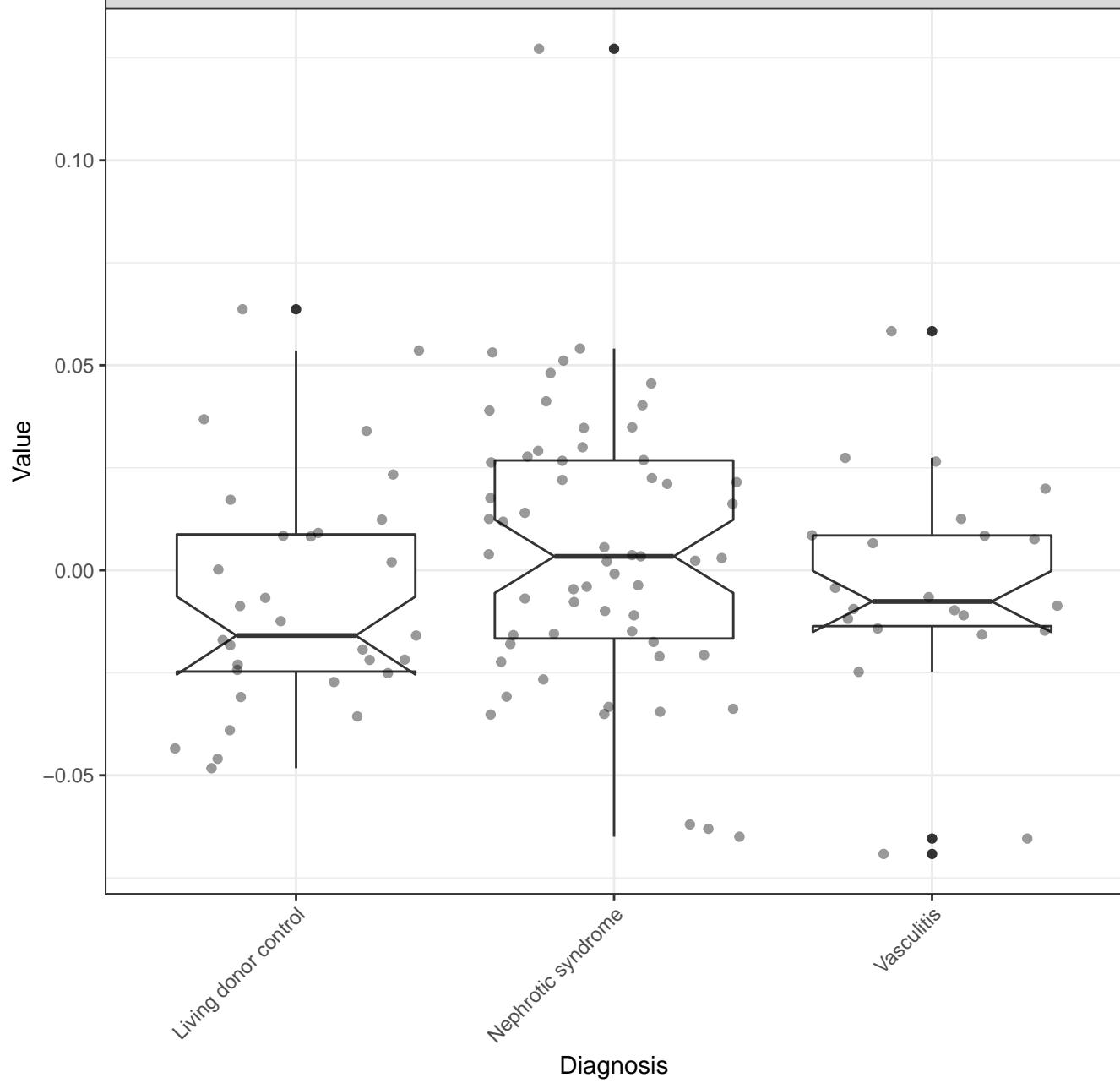


LV 170



## 171,KEGG\_FATTY\_ACID\_METABOLISM





Value

0.05

0.00

-0.05

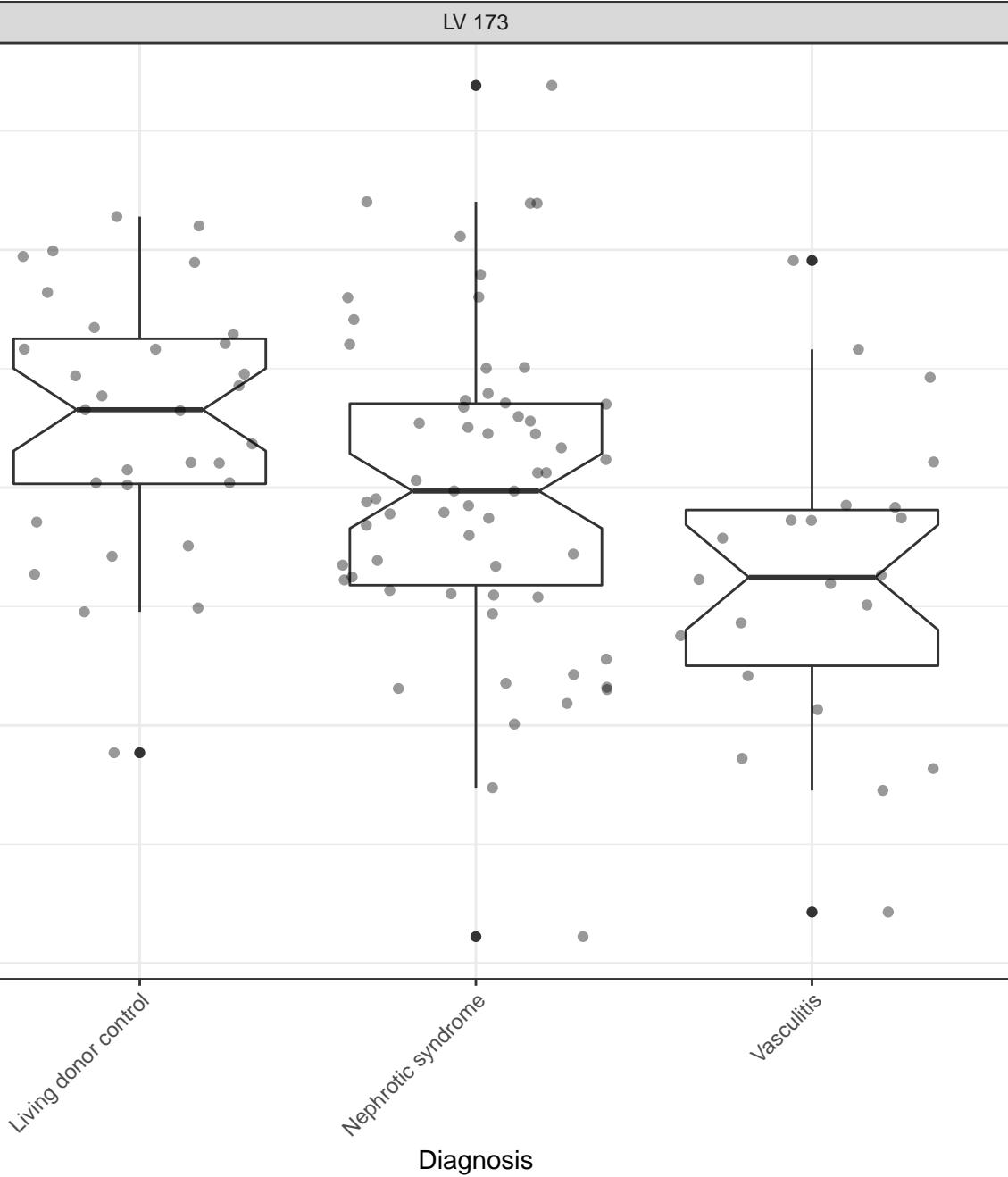
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

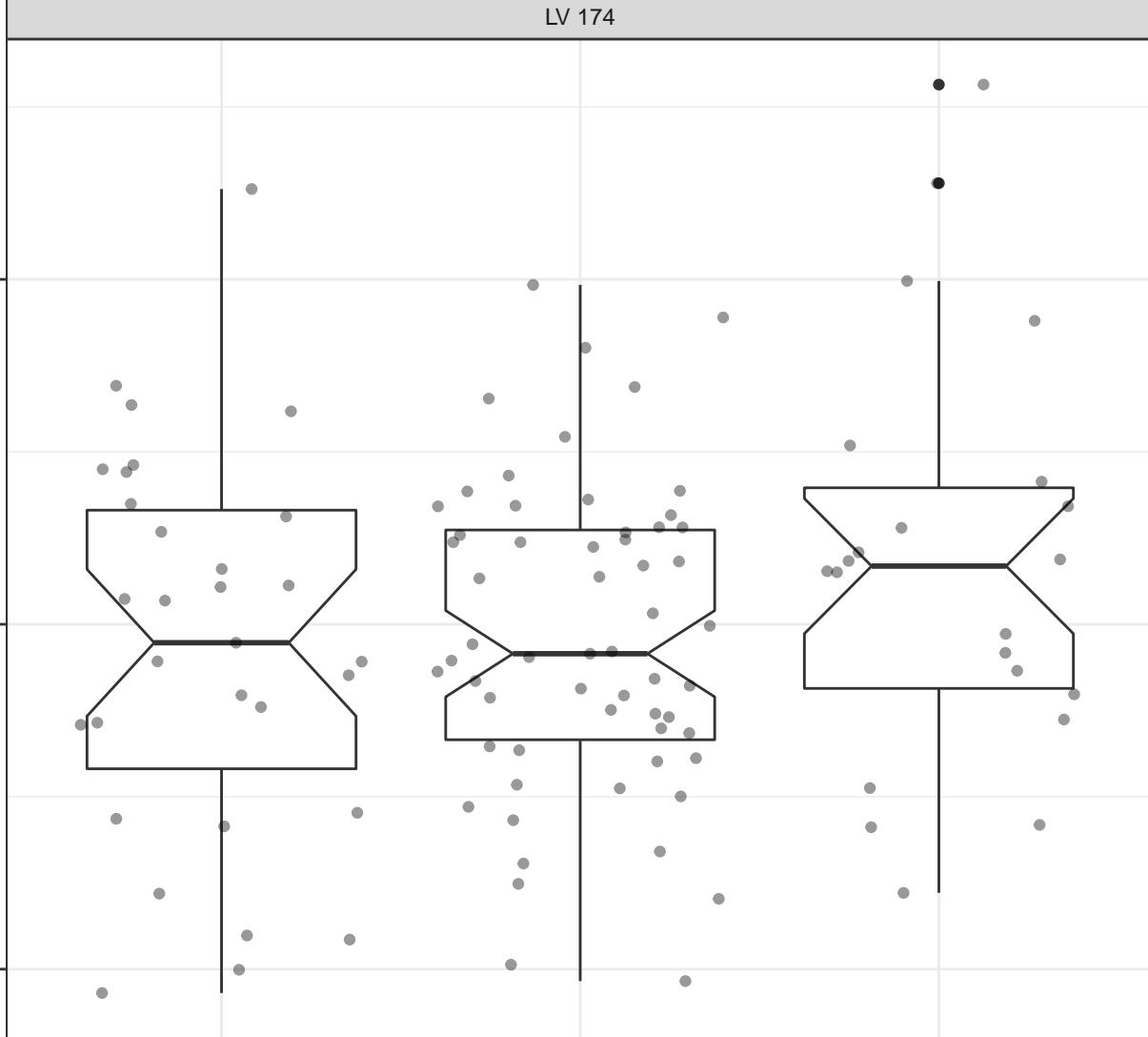
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 175

Value

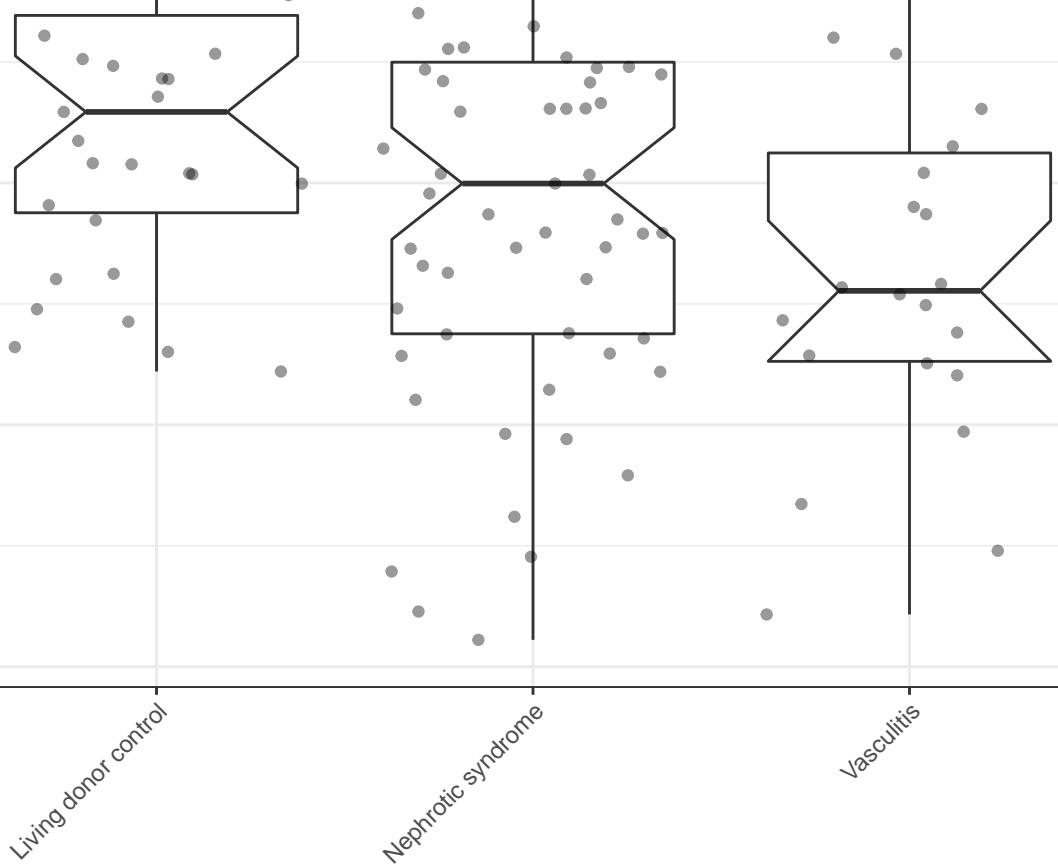
0.06  
0.03  
0.00  
-0.03  
-0.06

Living donor control

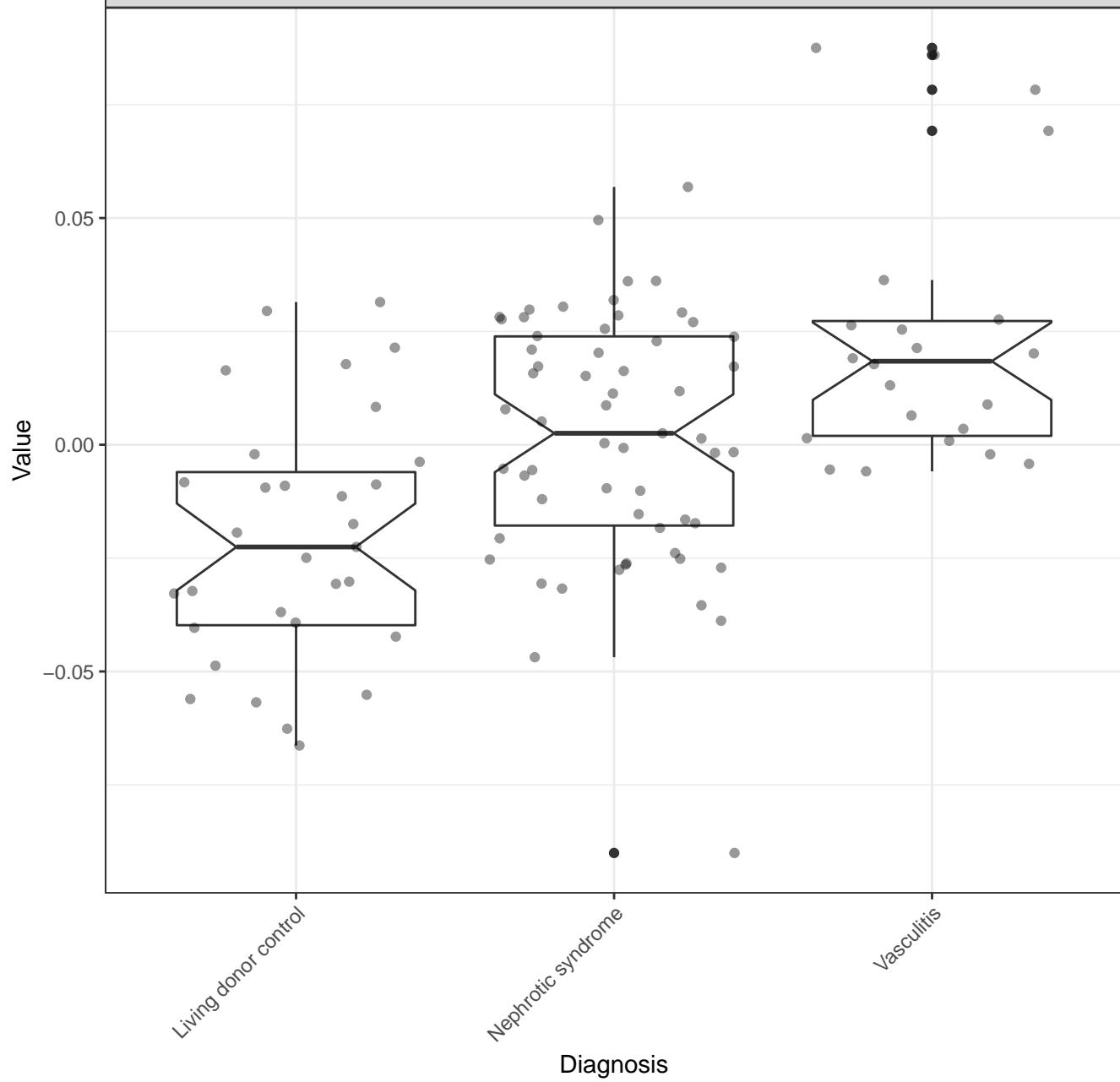
Nephrotic syndrome

Vasculitis

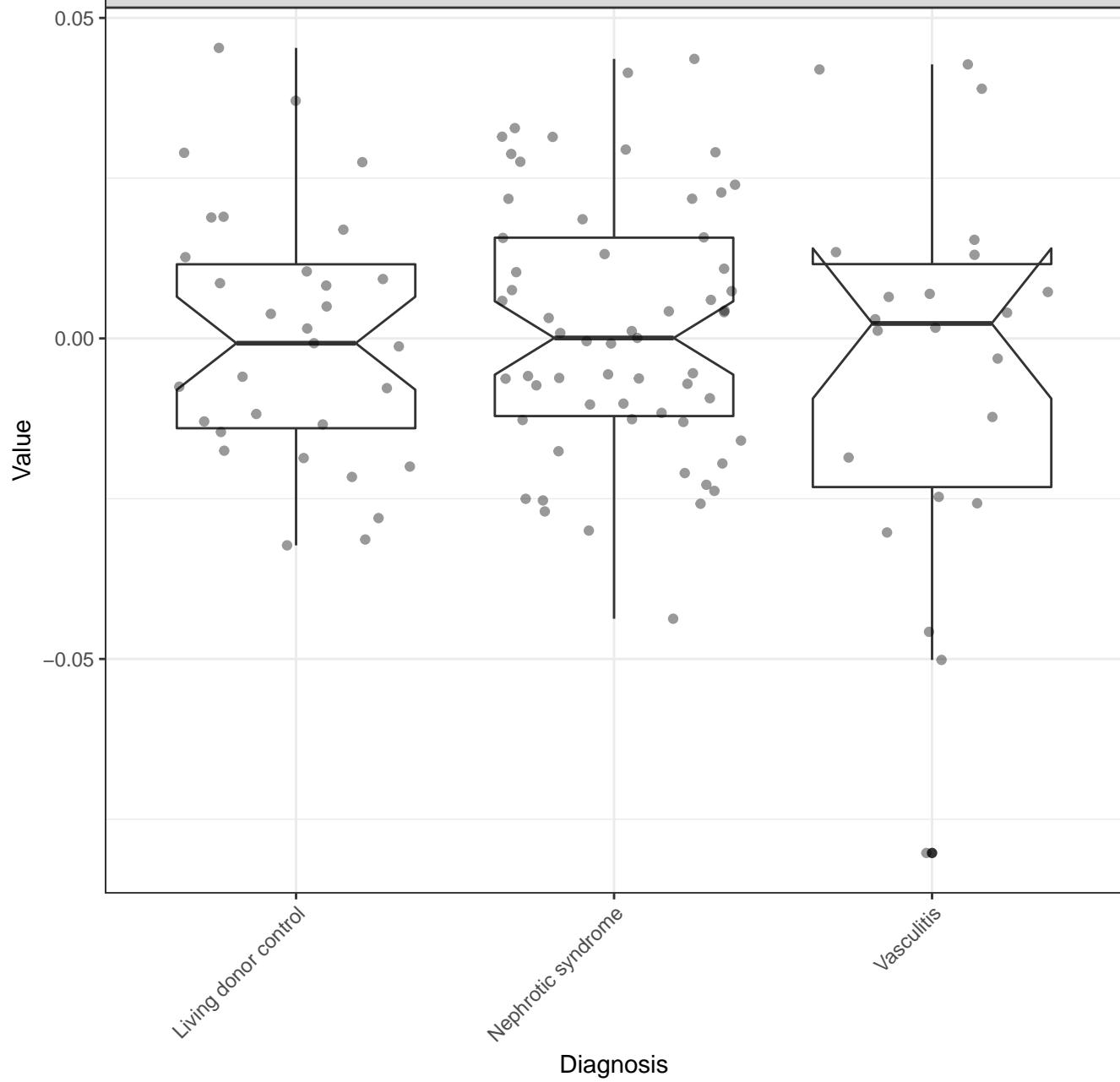
Diagnosis



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



## 177,SIG\_CHEMOTAXIS



LV 178

Value

0.05

0.00

-0.05

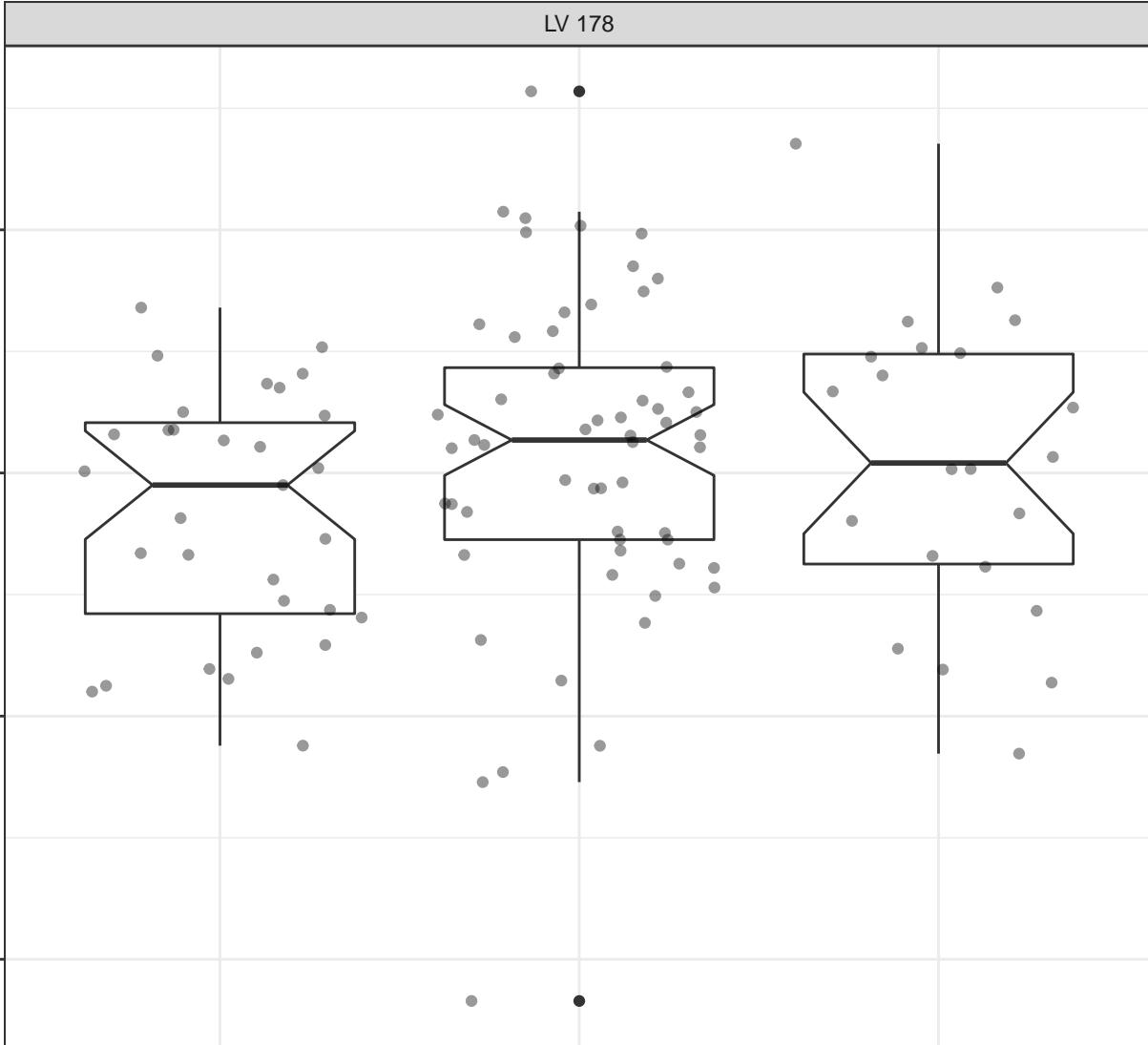
-0.10

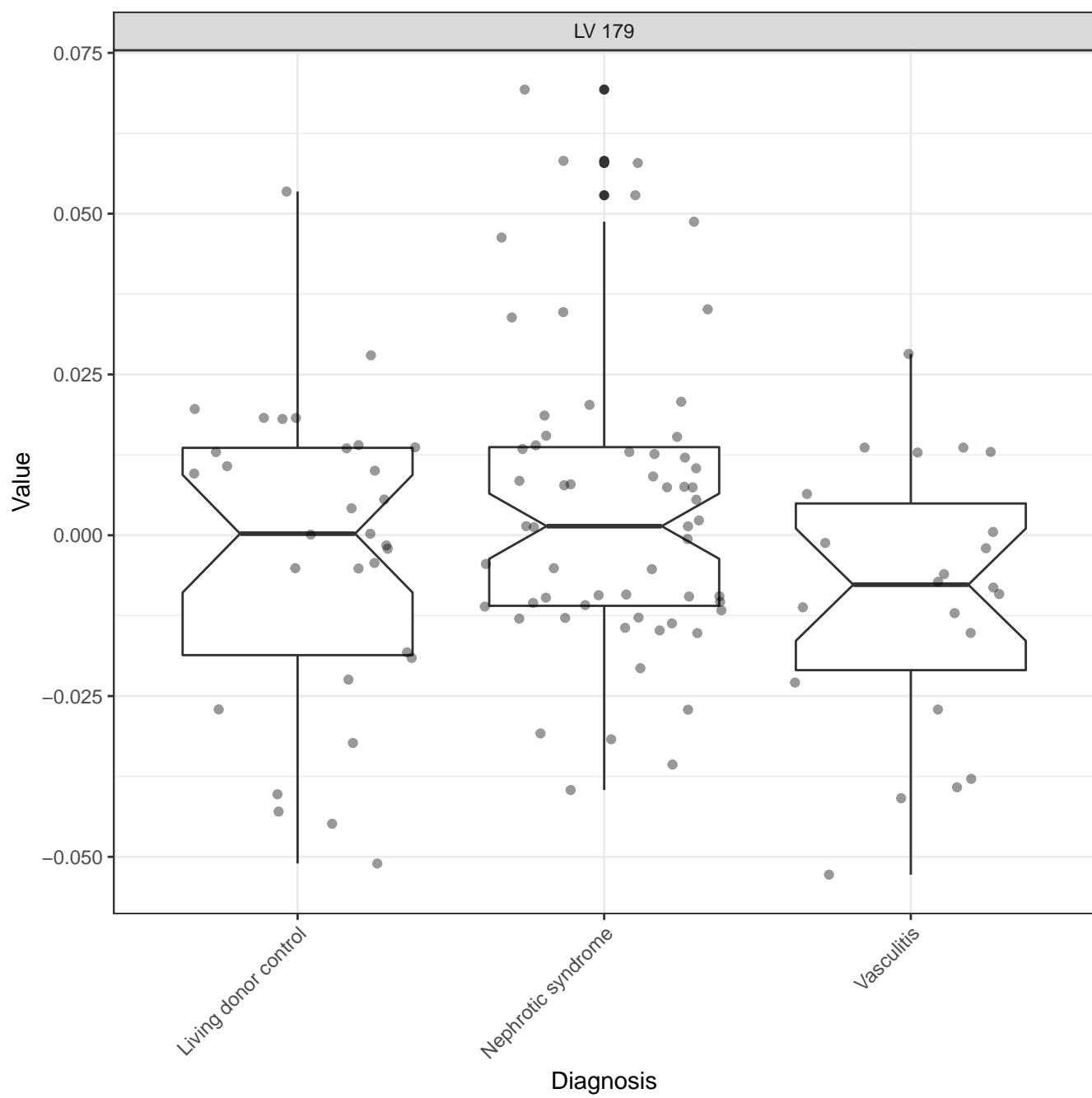
Living donor control

Nephrotic syndrome

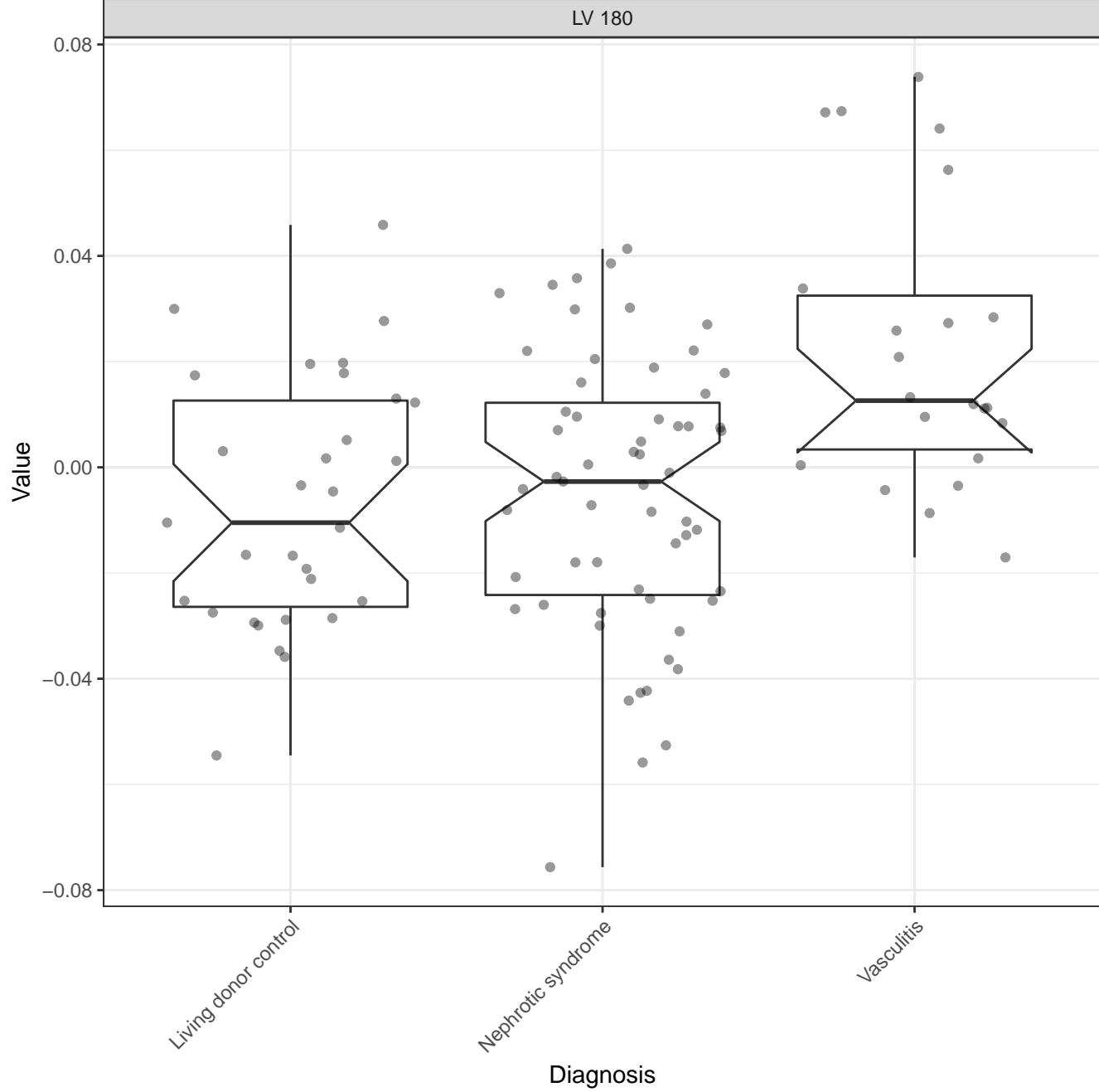
Vasculitis

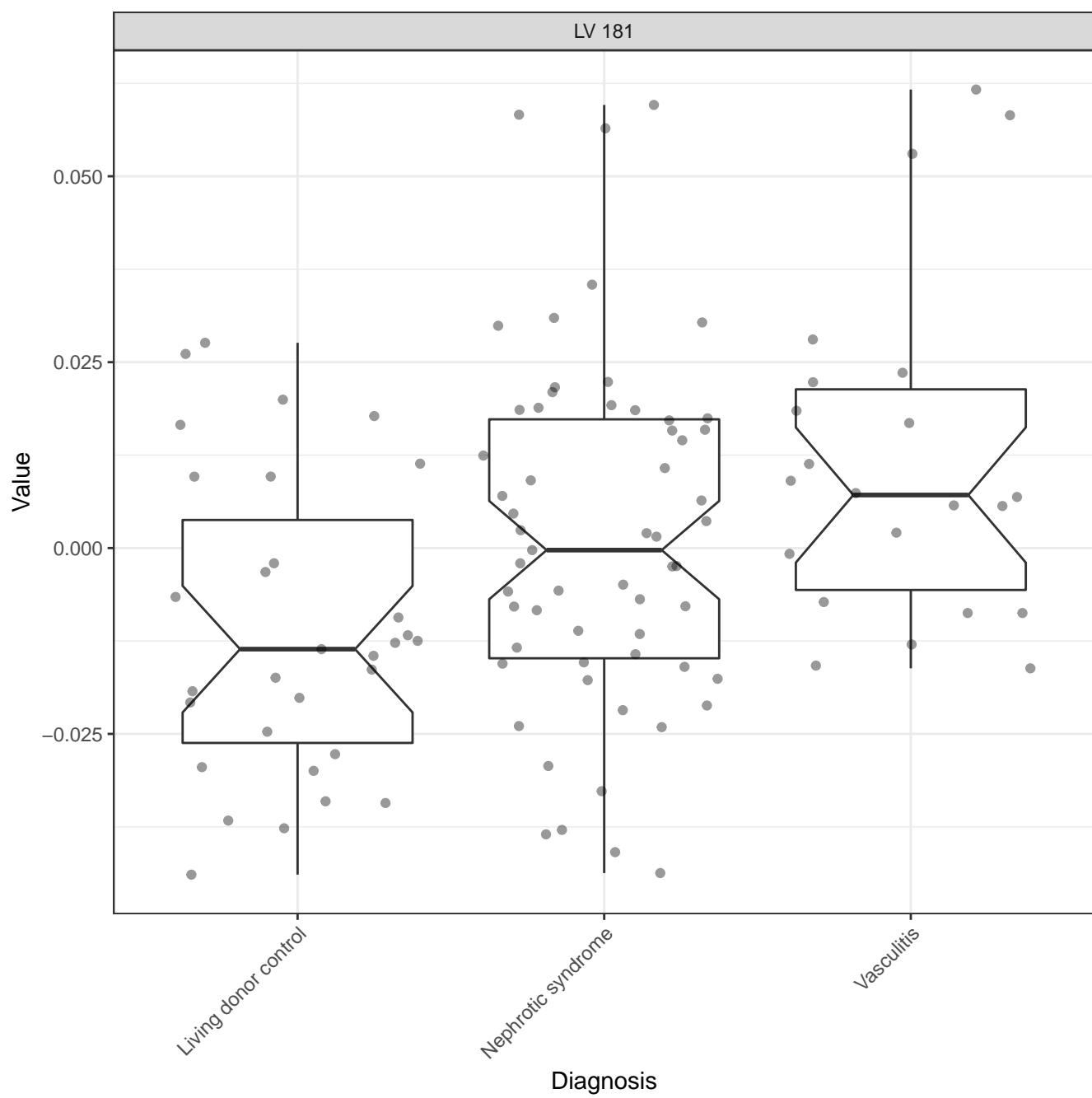
Diagnosis





LV 180





Value

0.05

0.00

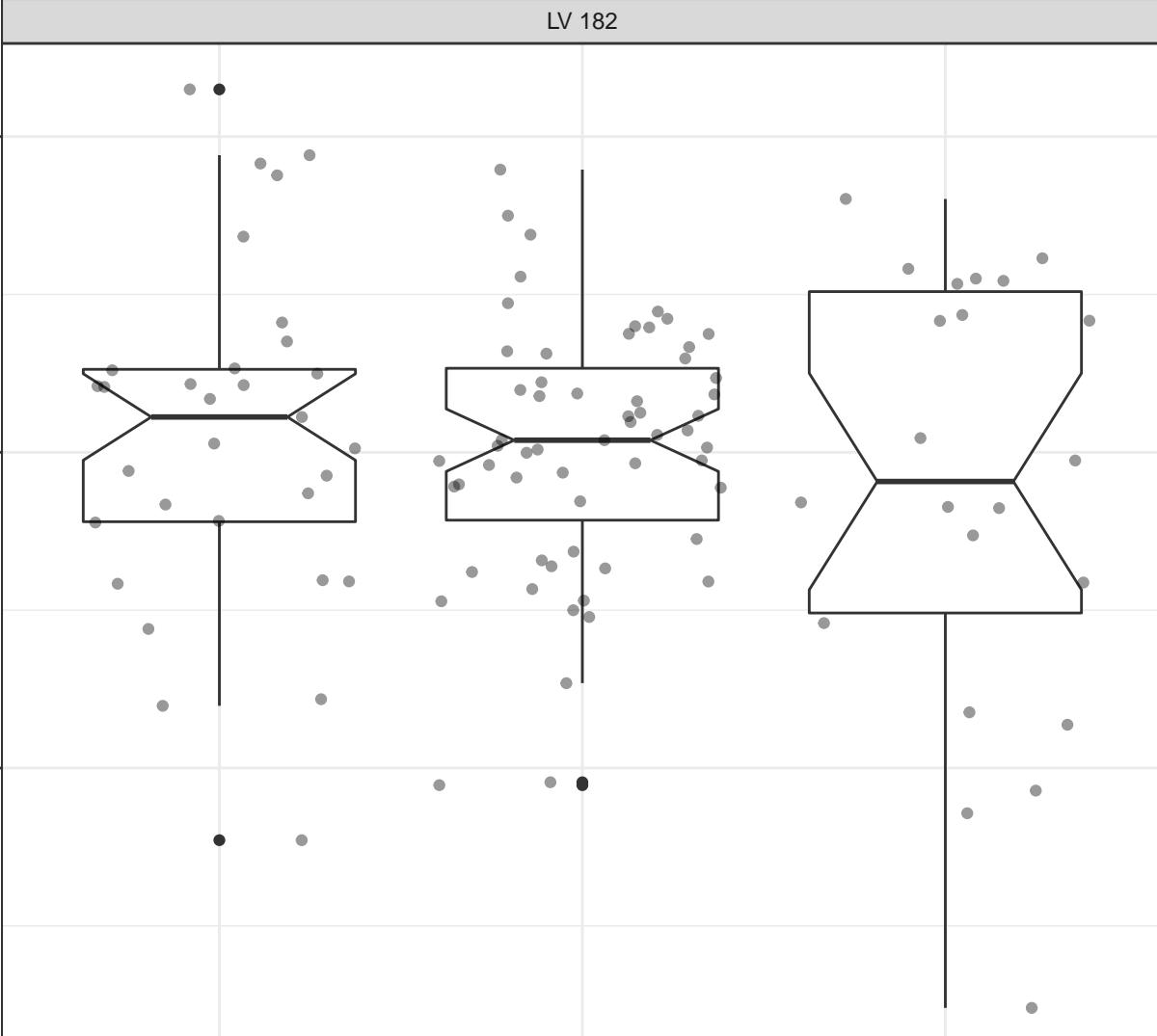
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

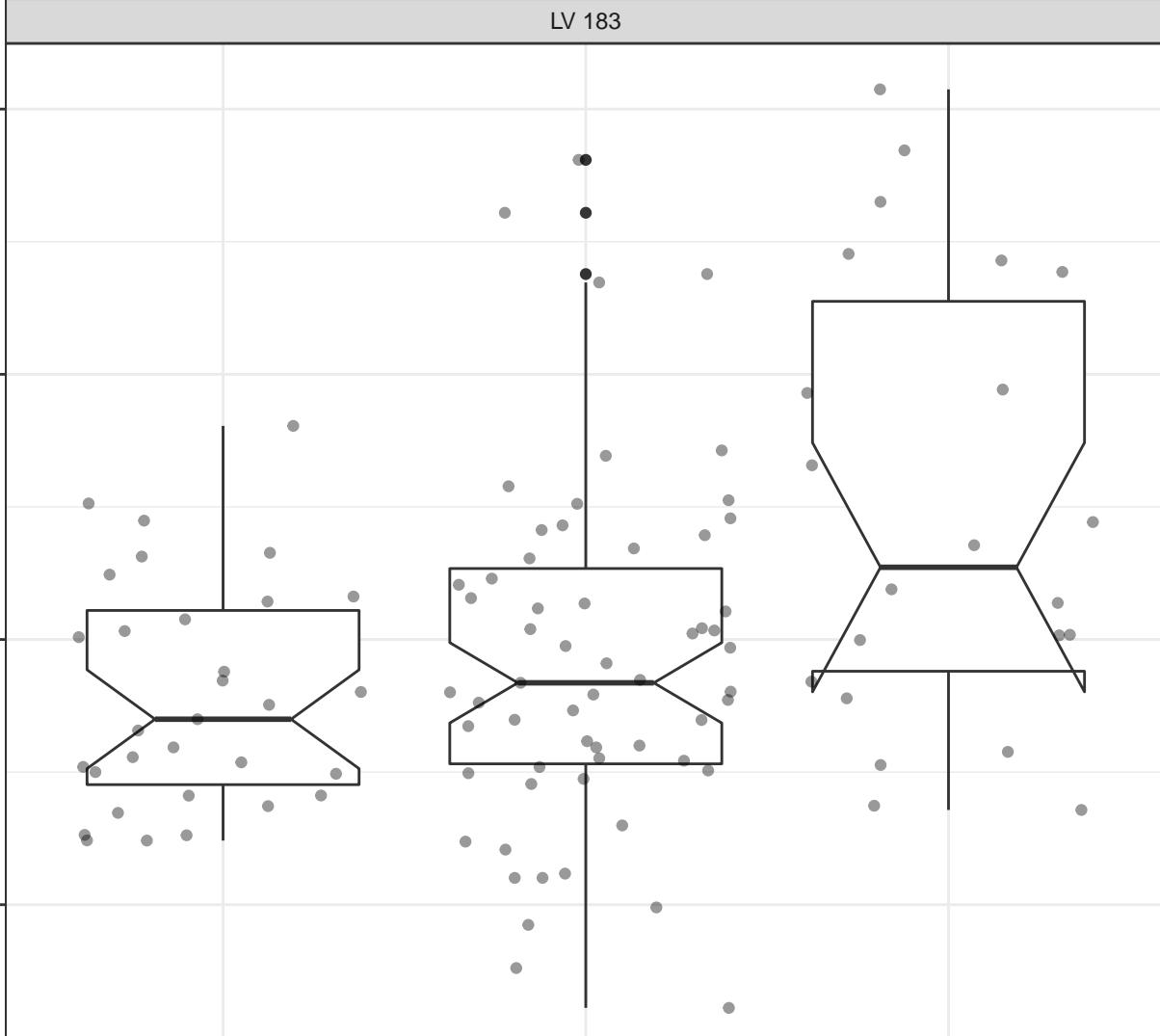
-0.05

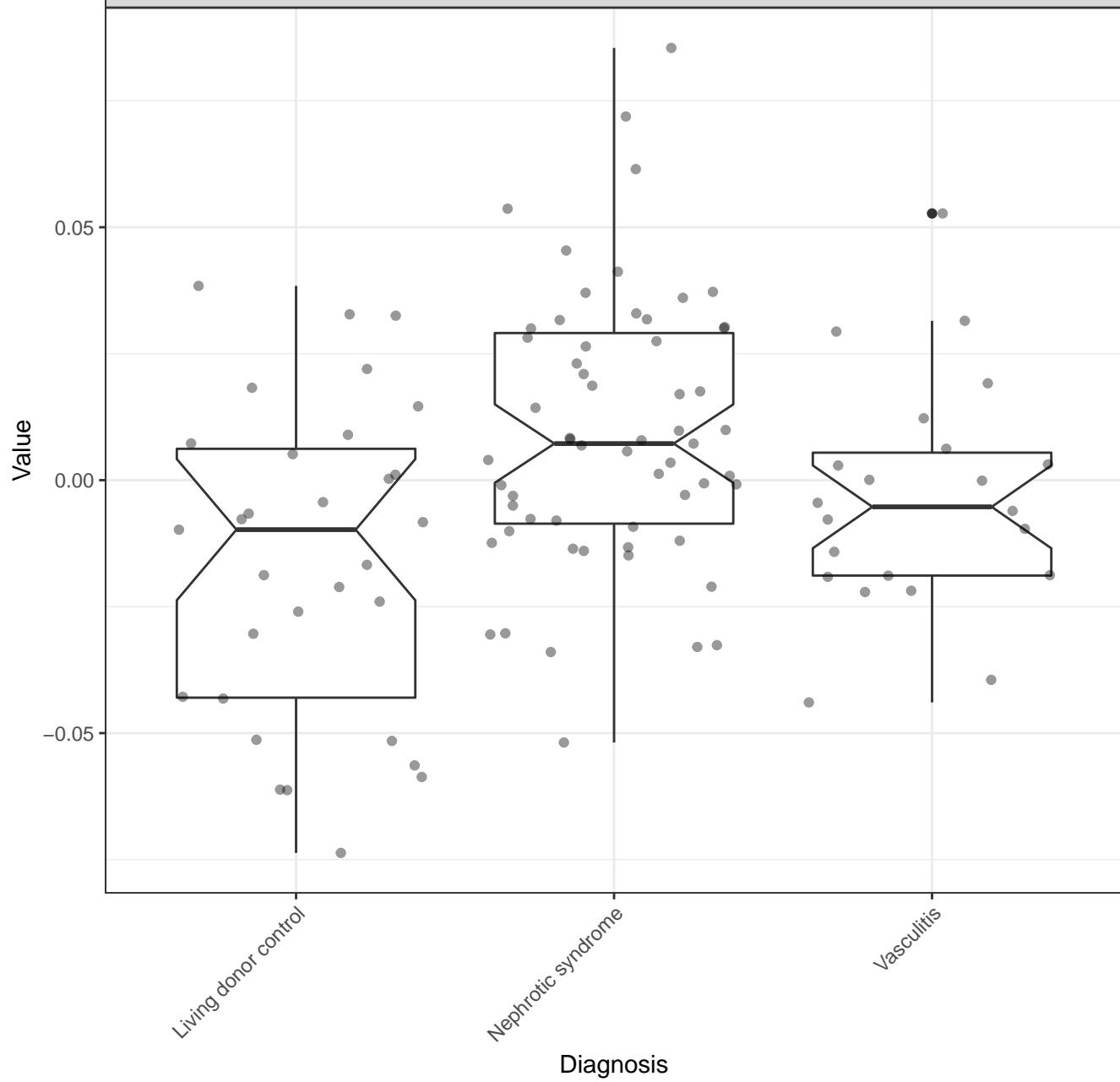
Living donor control

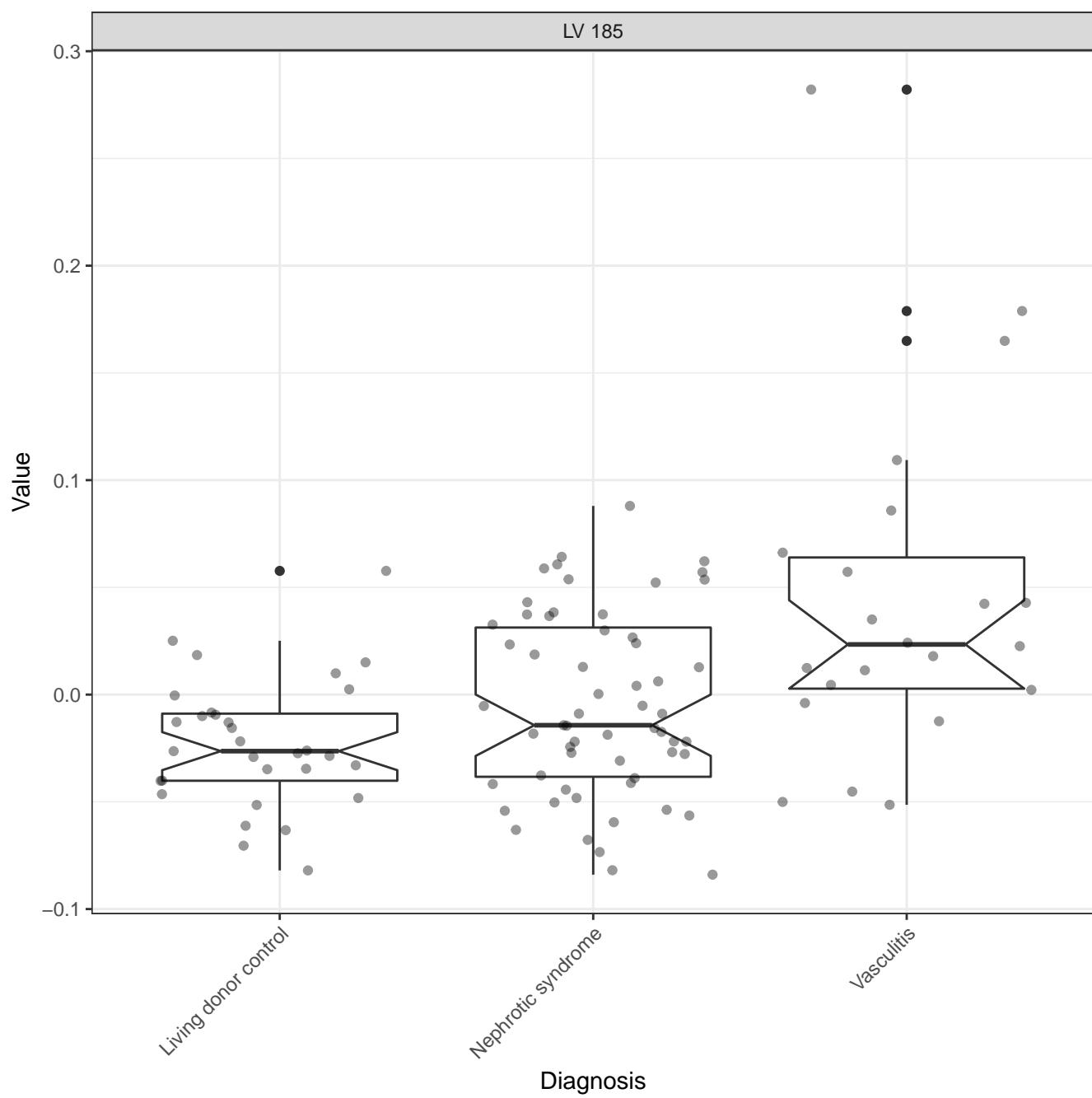
Nephrotic syndrome

Vasculitis

Diagnosis







Value

0.05

0.00

-0.05

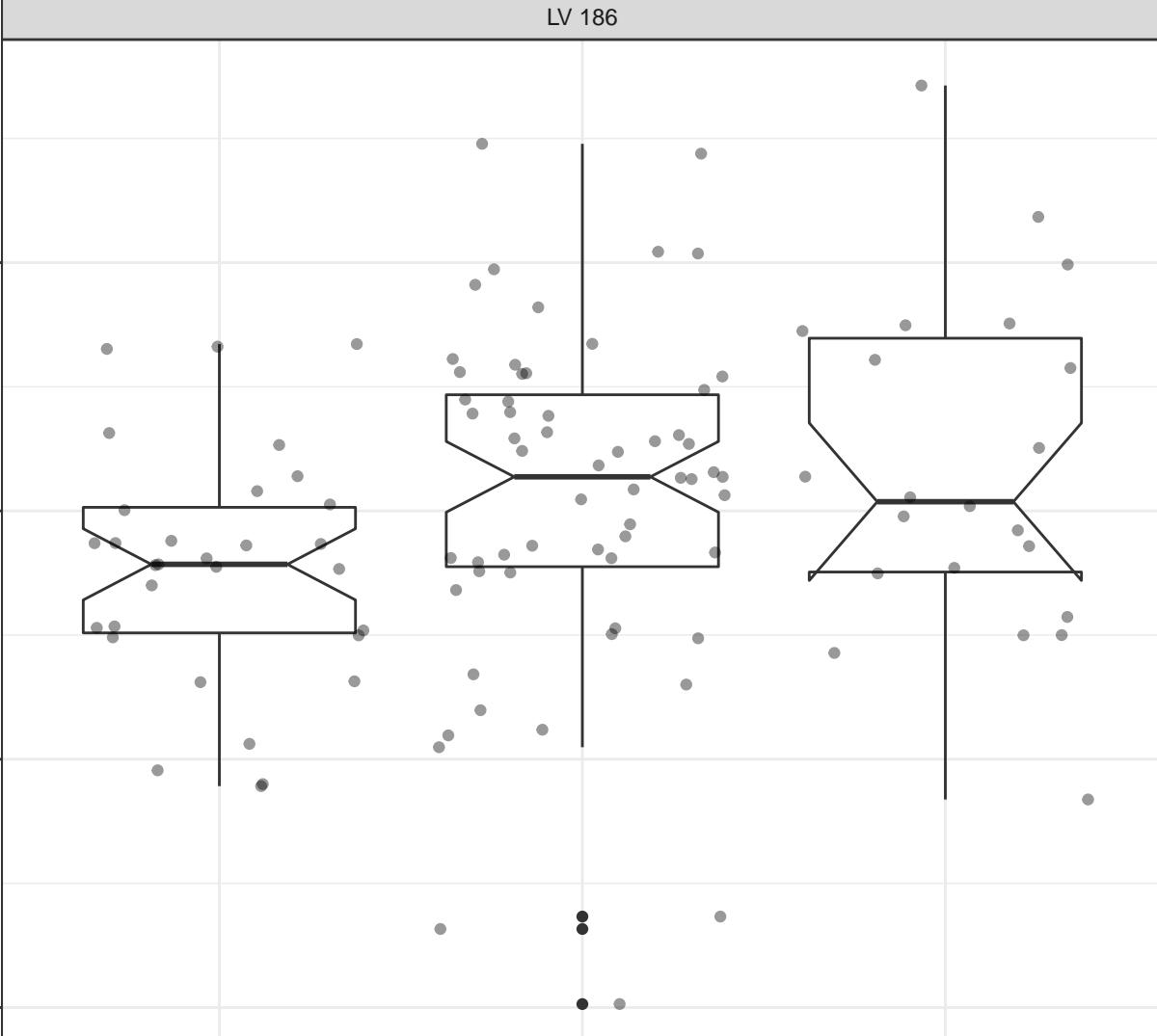
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.08

0.04

0.00

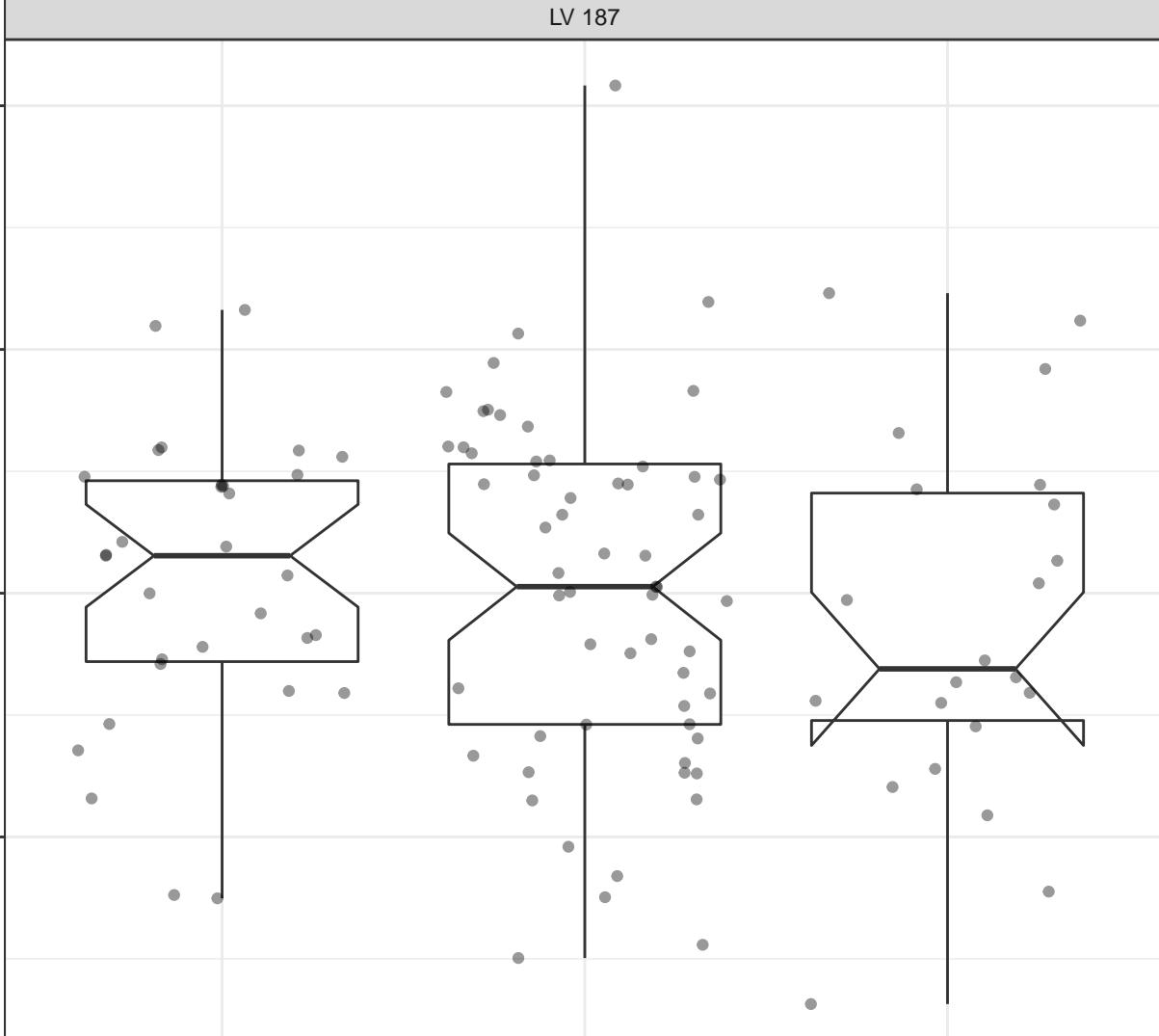
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 188

Value

0.10

0.05

0.00

-0.05

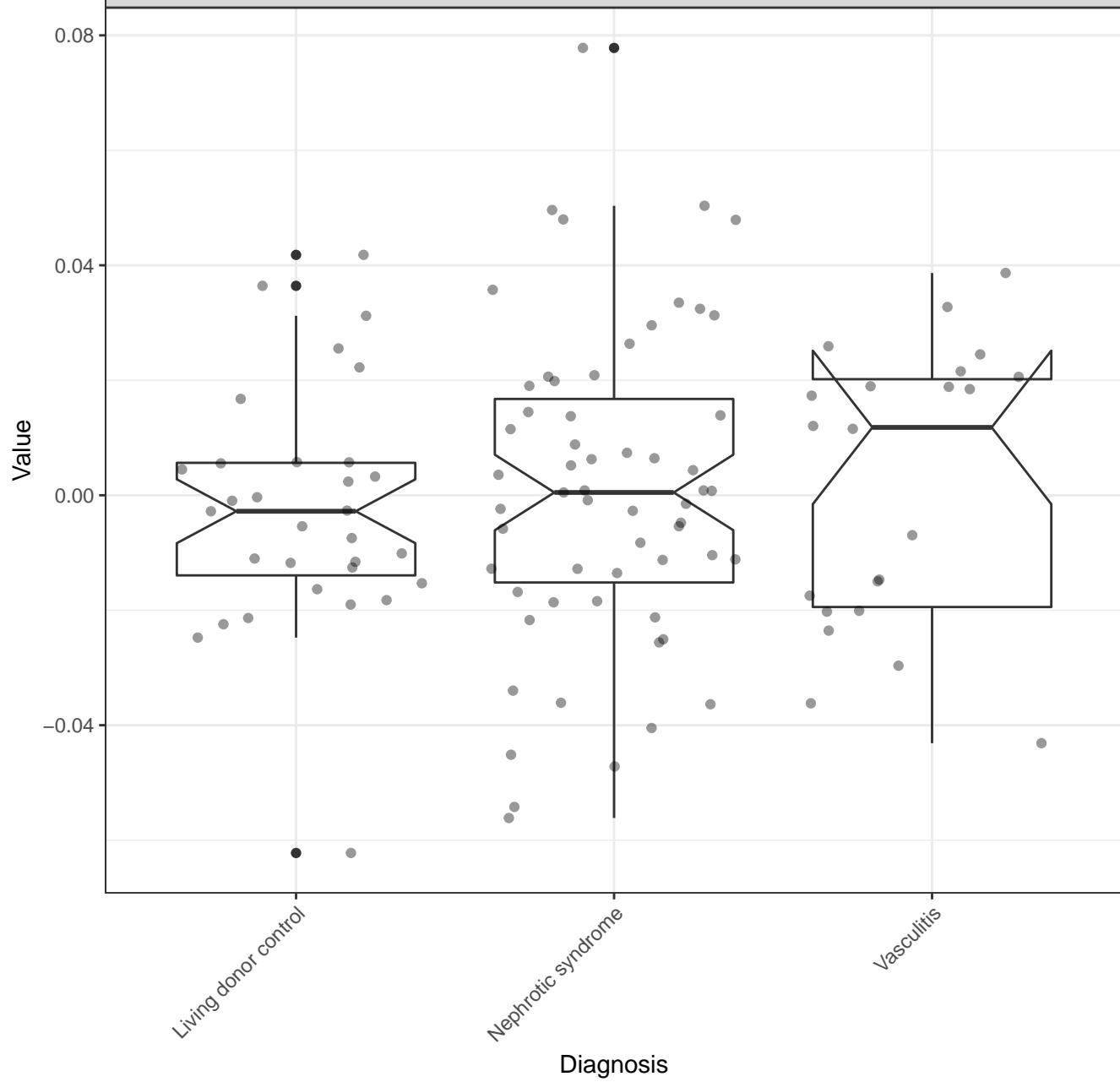
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 189



LV 190

Value

0.03

0.01

-0.03

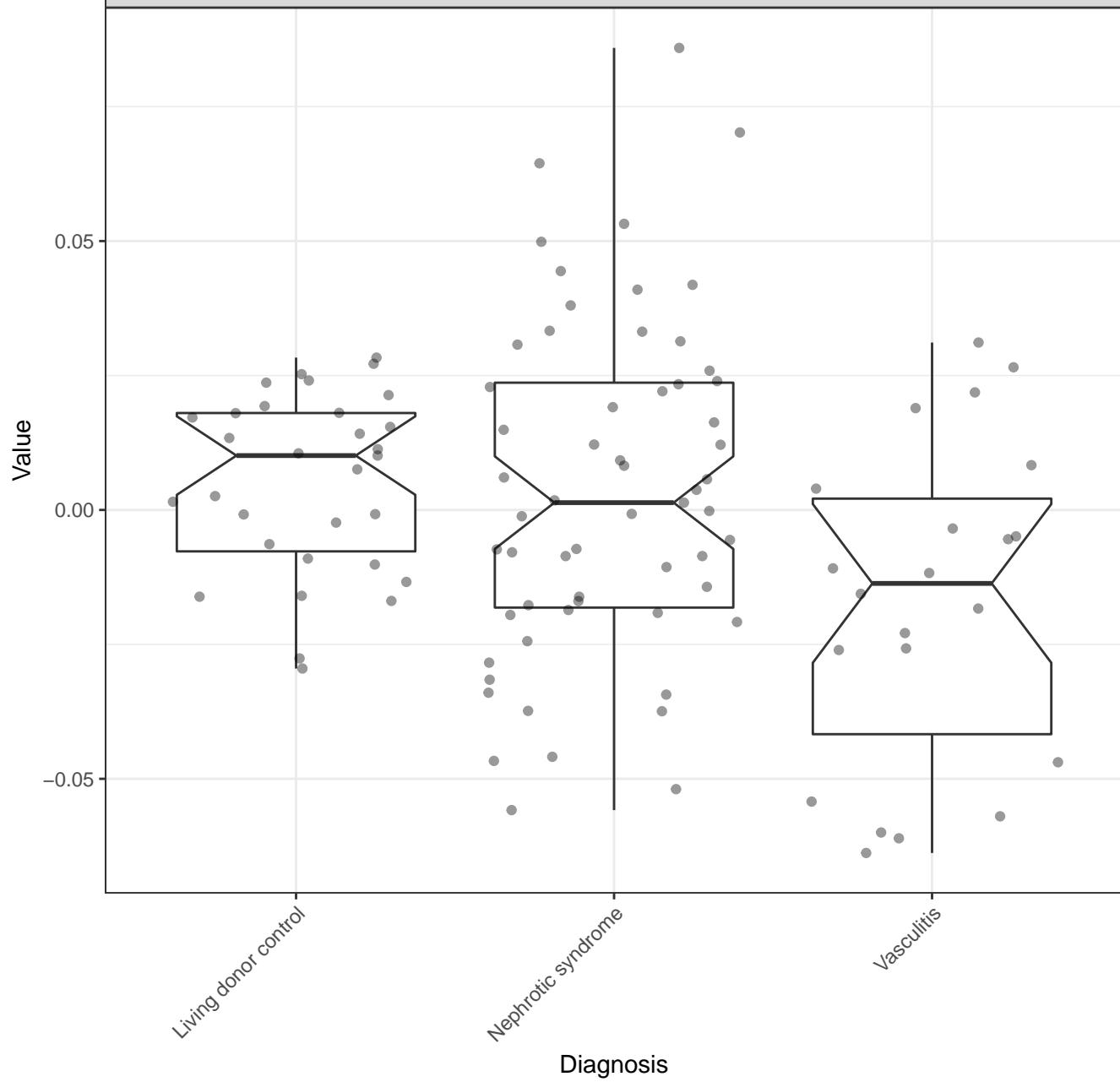
-0.06

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

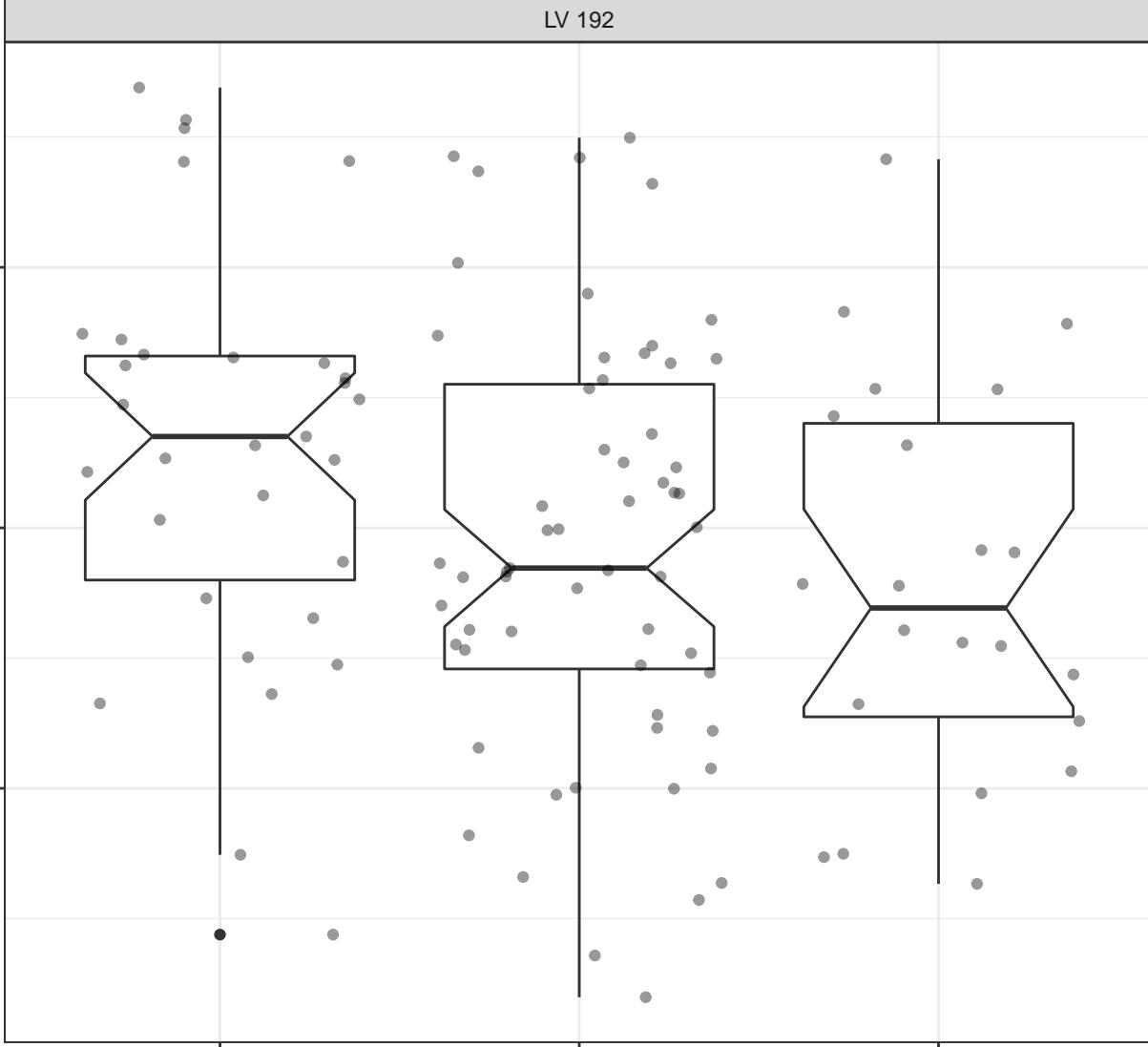
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 193

Value

0.05

0.00

-0.05

-0.10

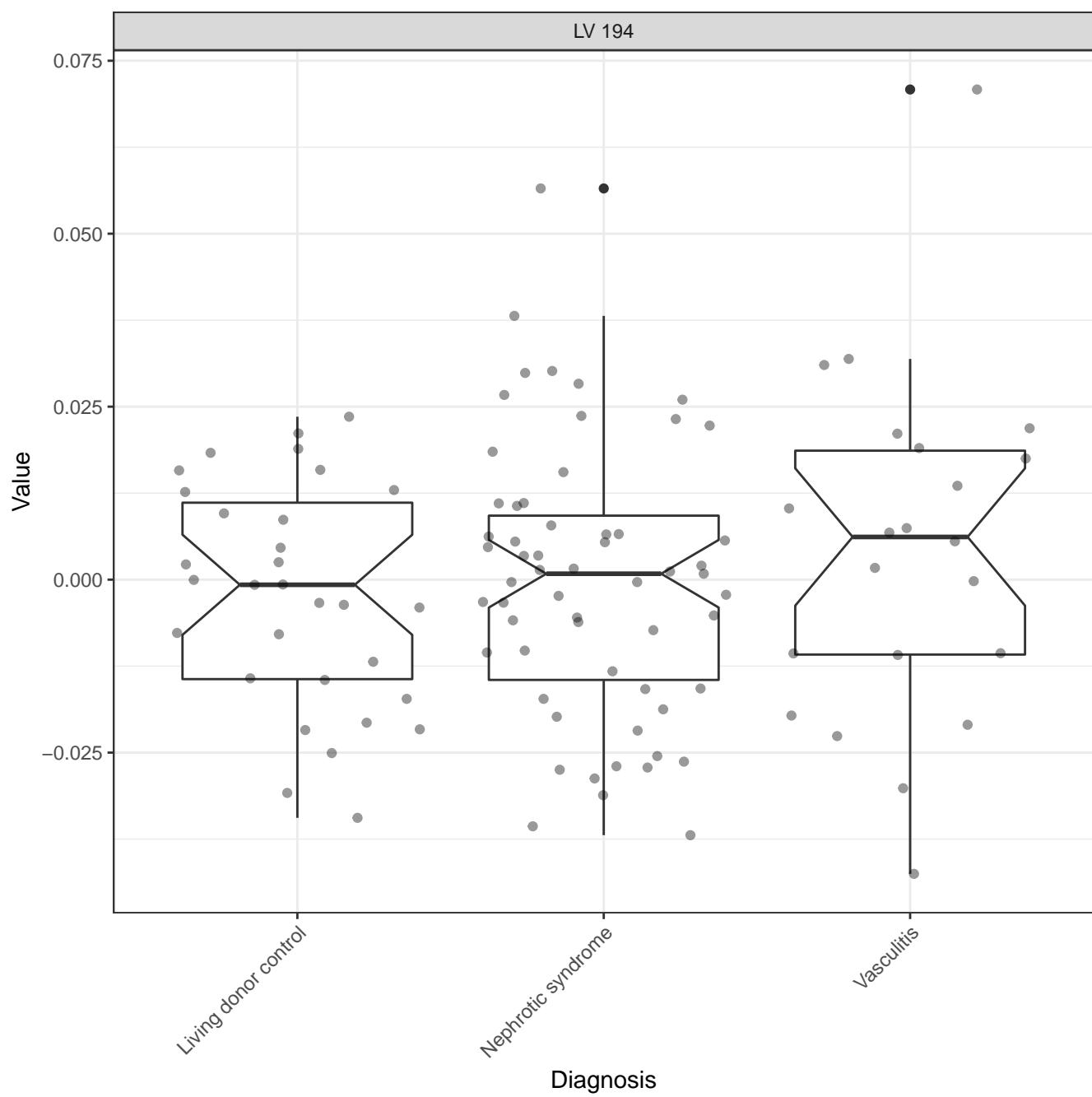
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 194



LV 195

Value

0.06

0.03

0.00

-0.03

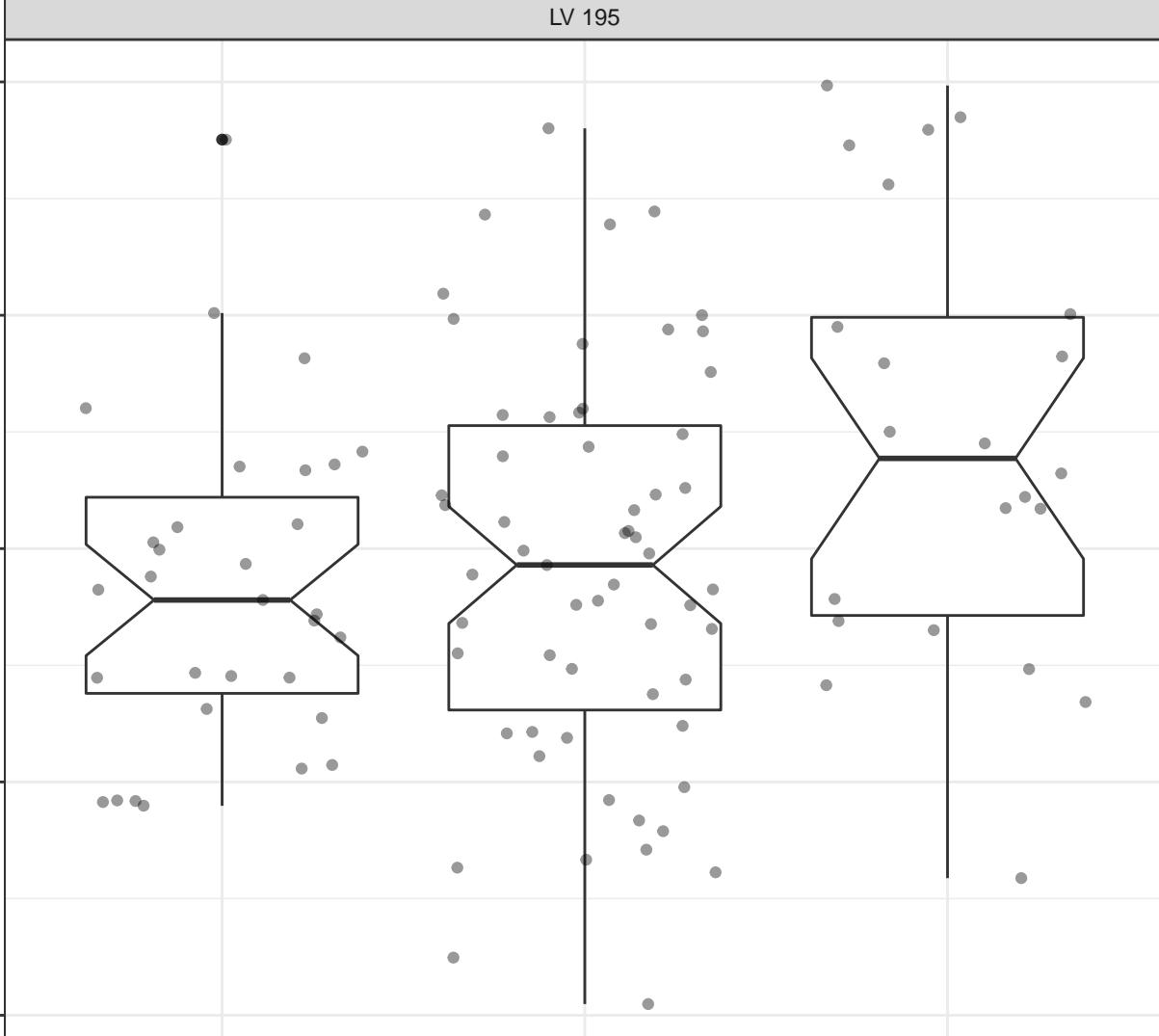
-0.06

Living donor control

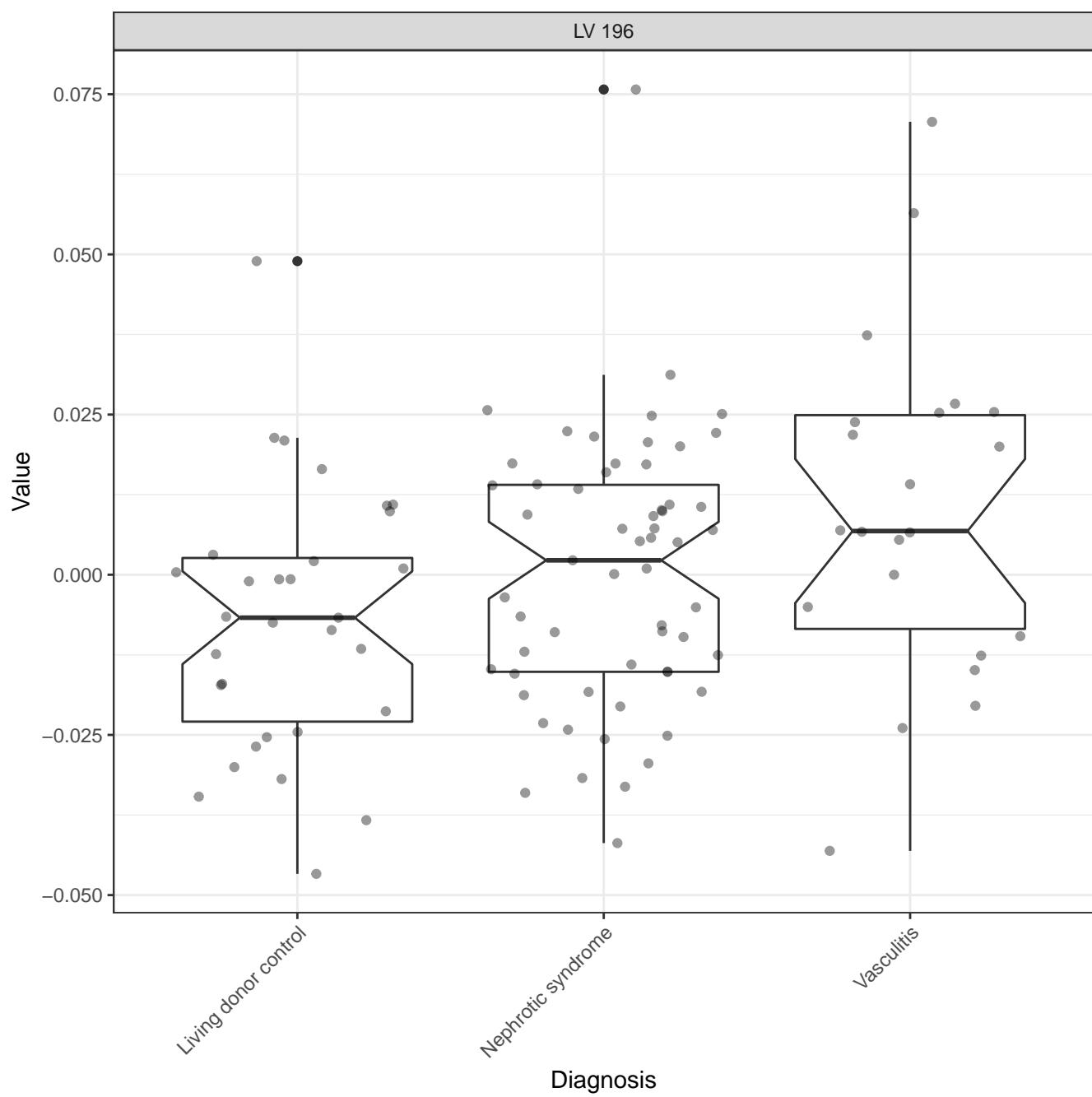
Nephrotic syndrome

Vasculitis

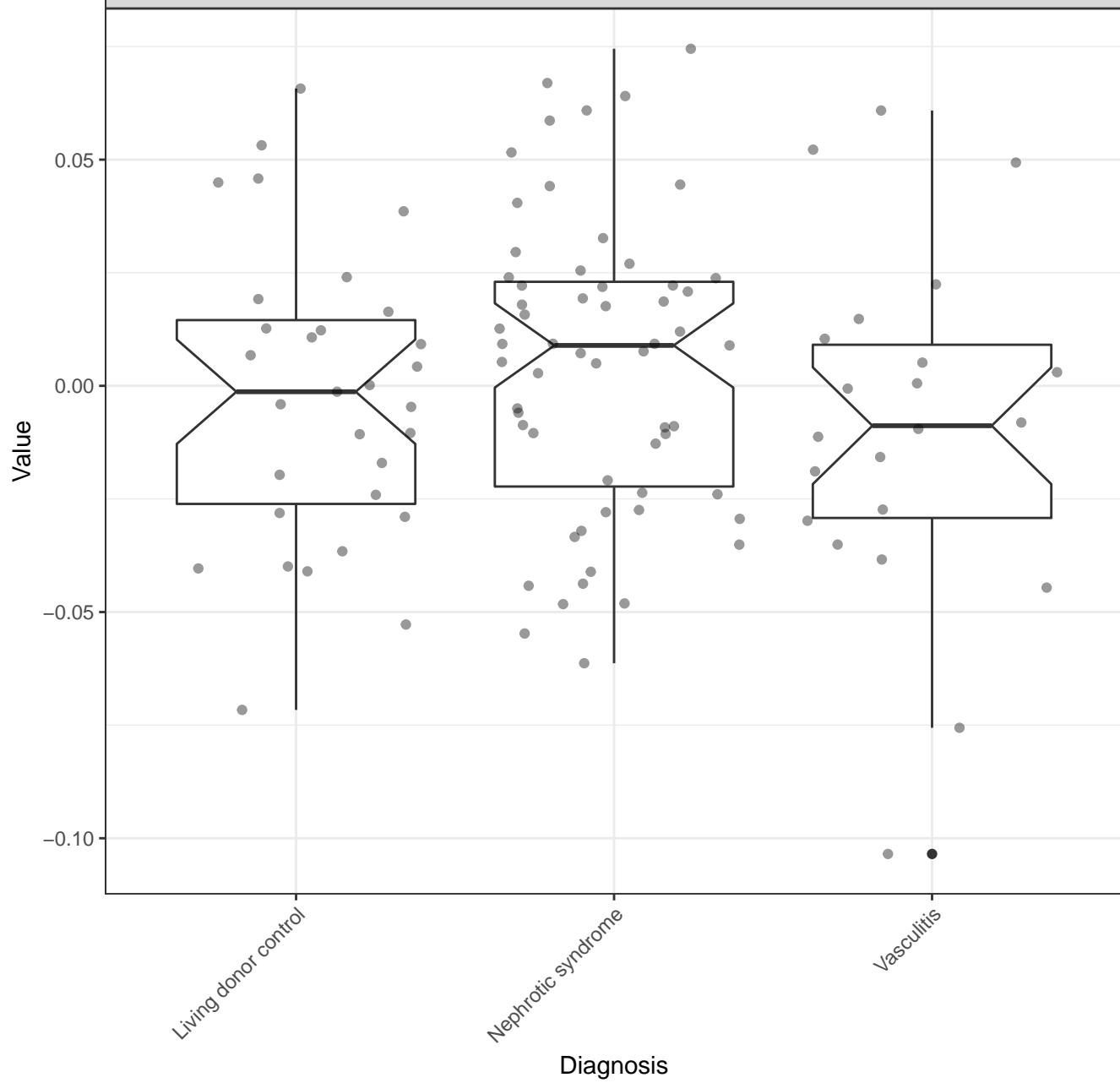
Diagnosis



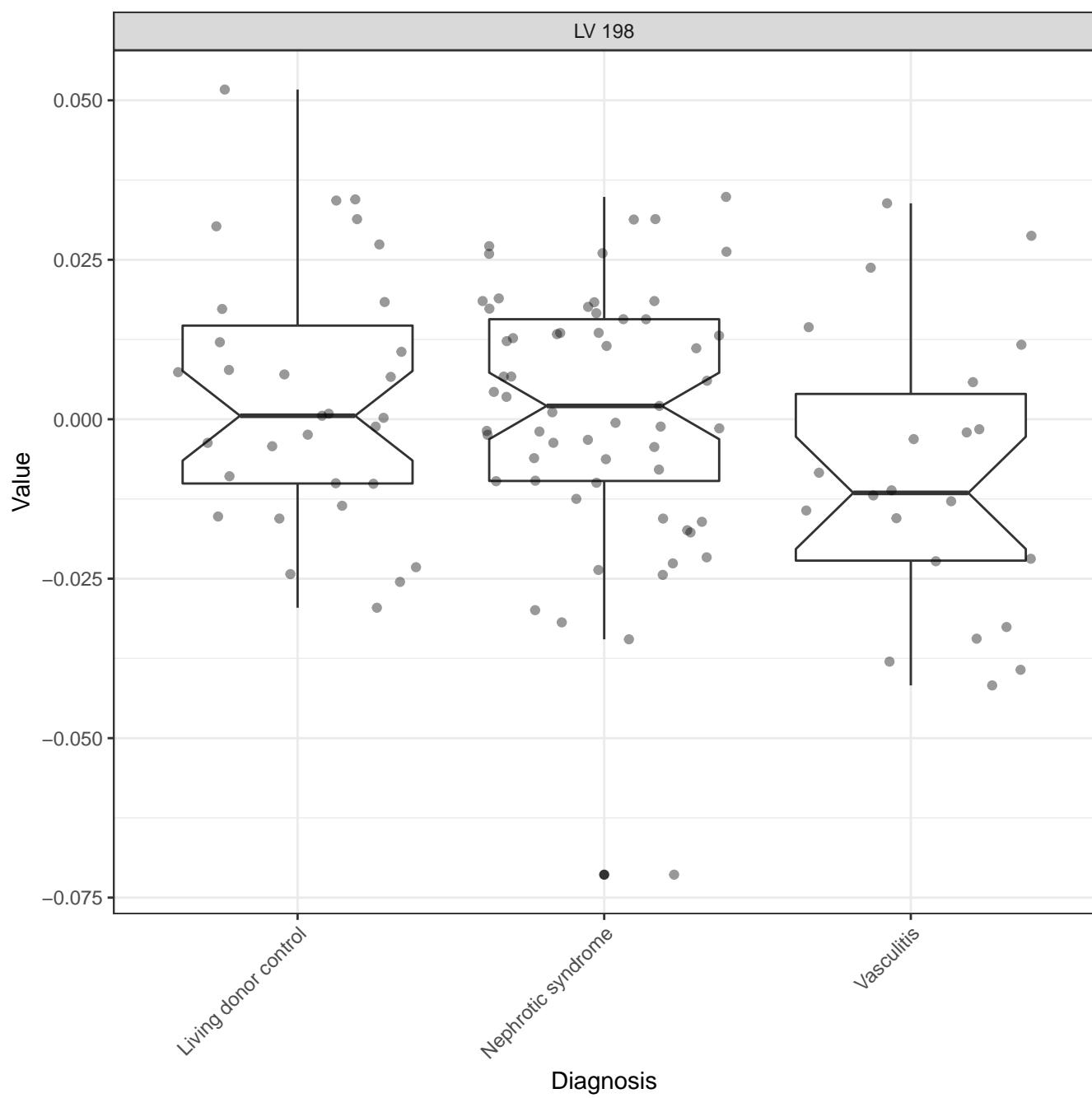
LV 196



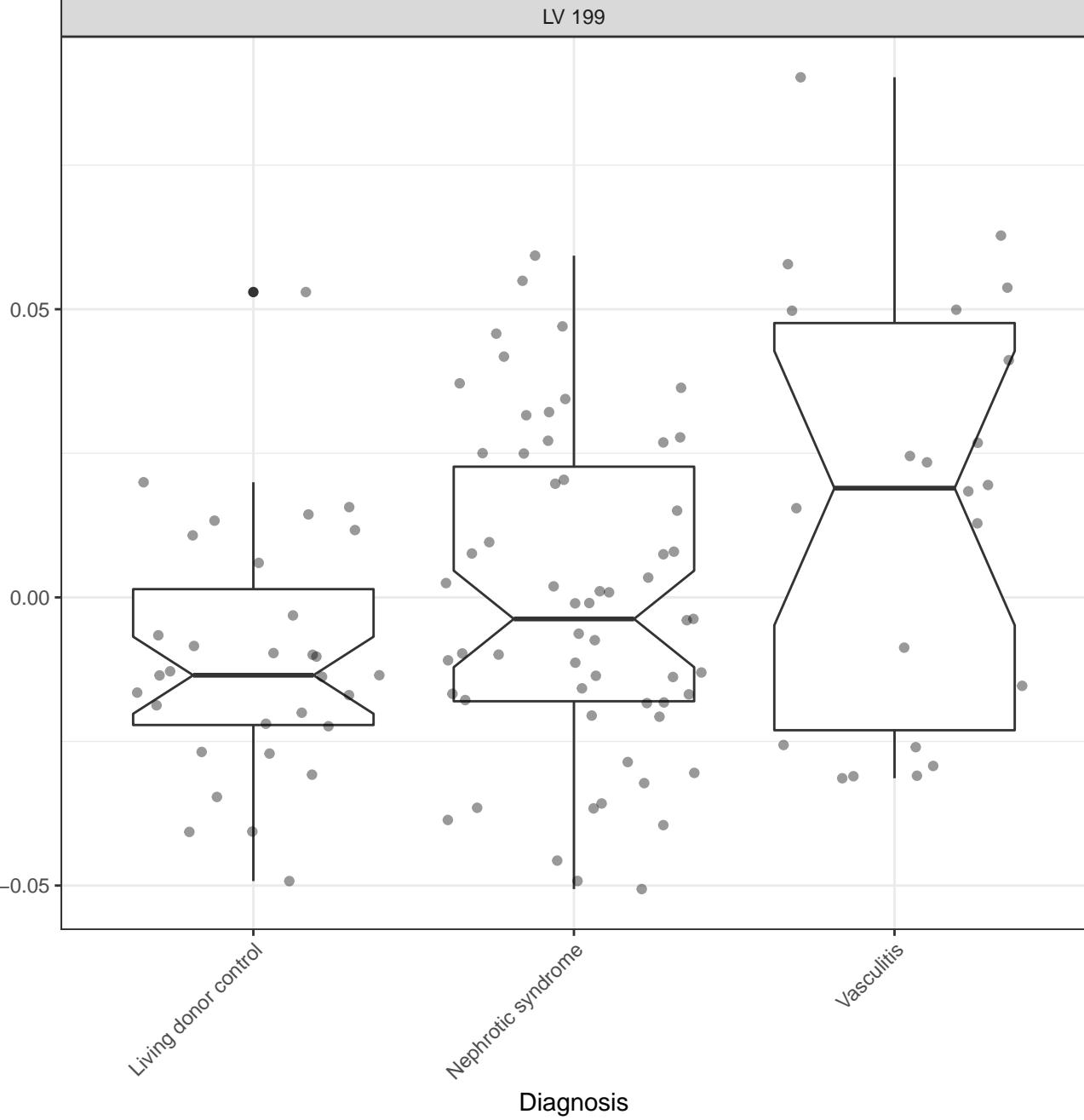
# 197,KEGG\_ERBB\_SIGNALING\_PATHWAY

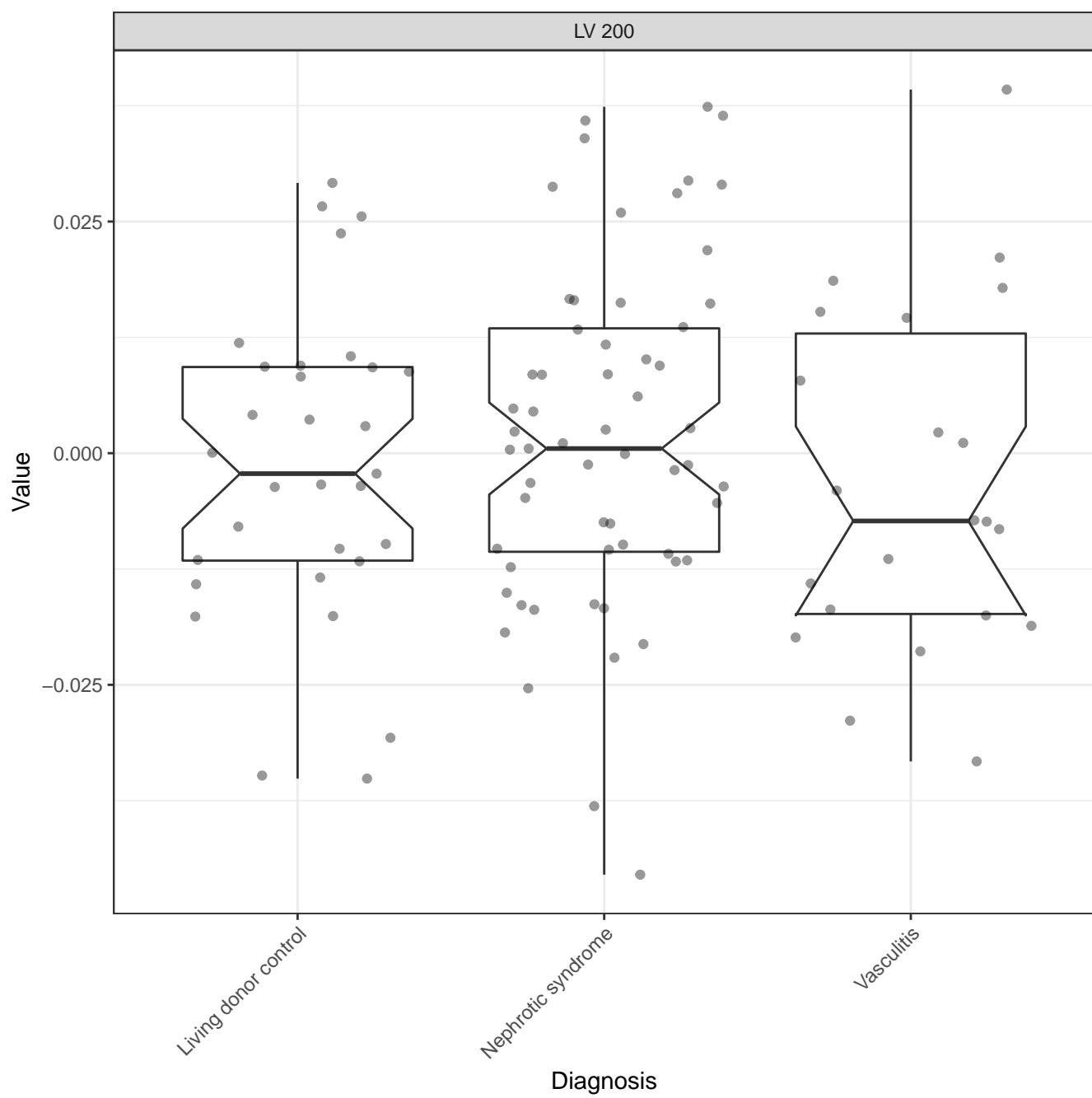


LV 198

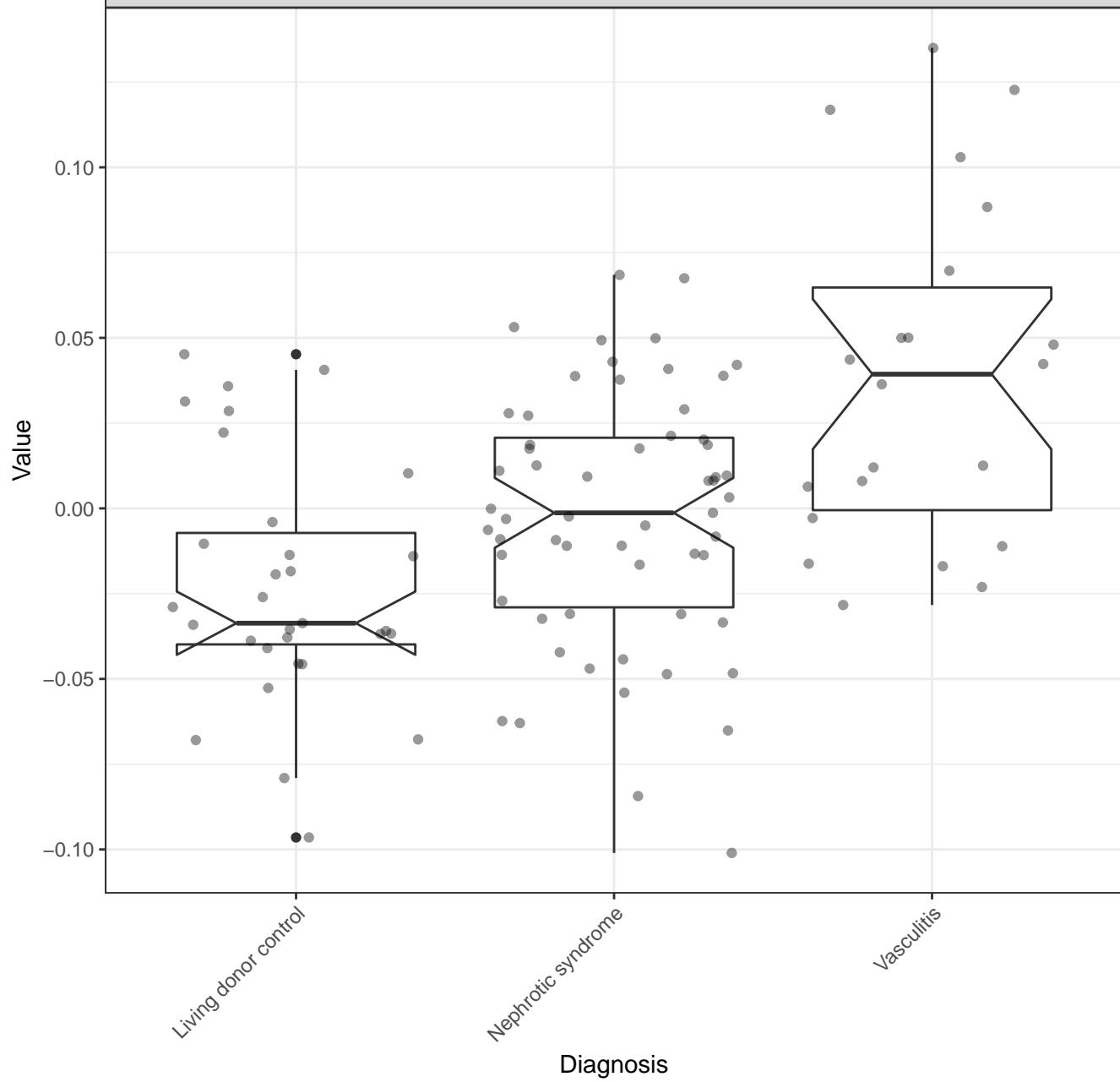


Value

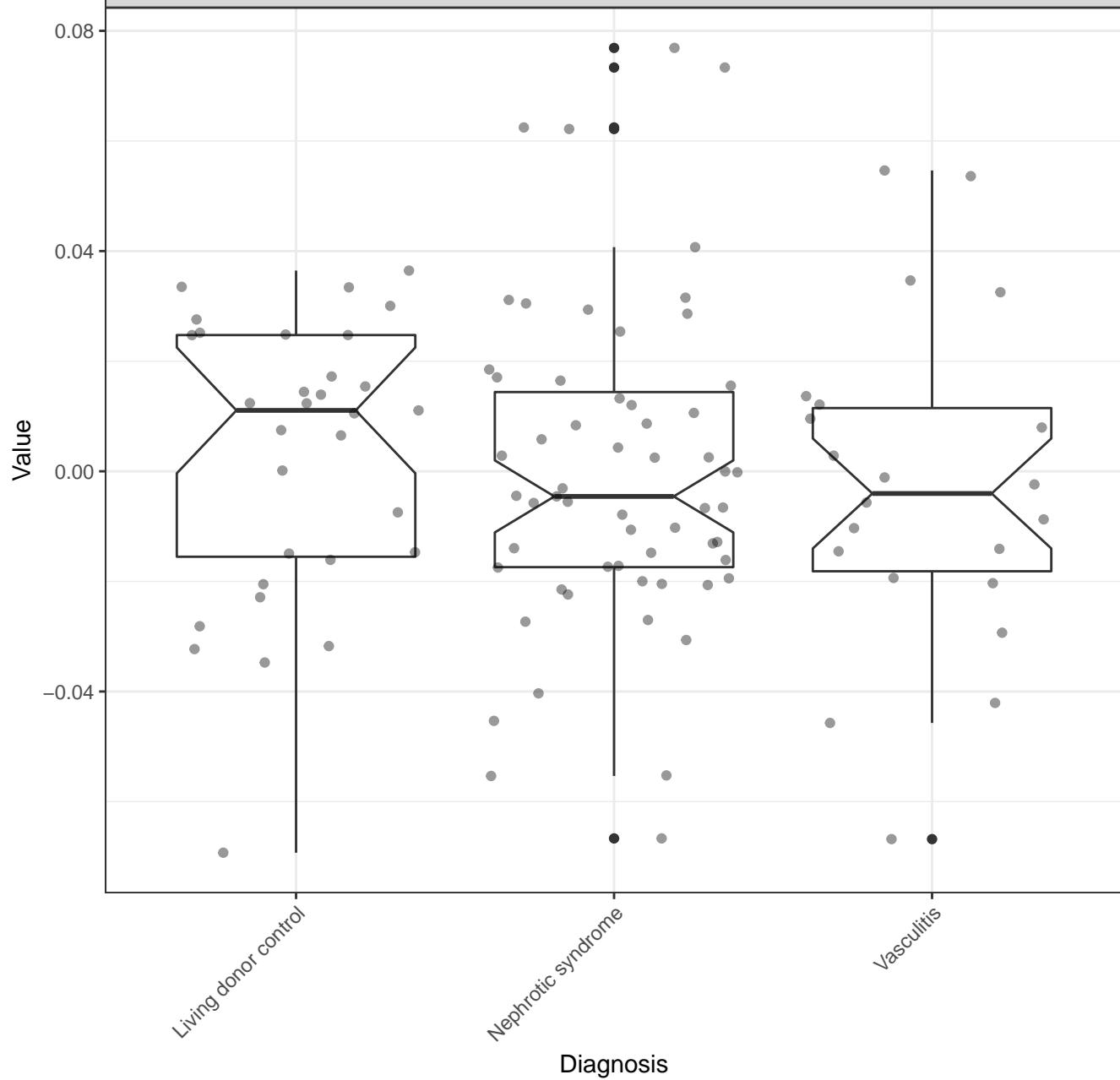




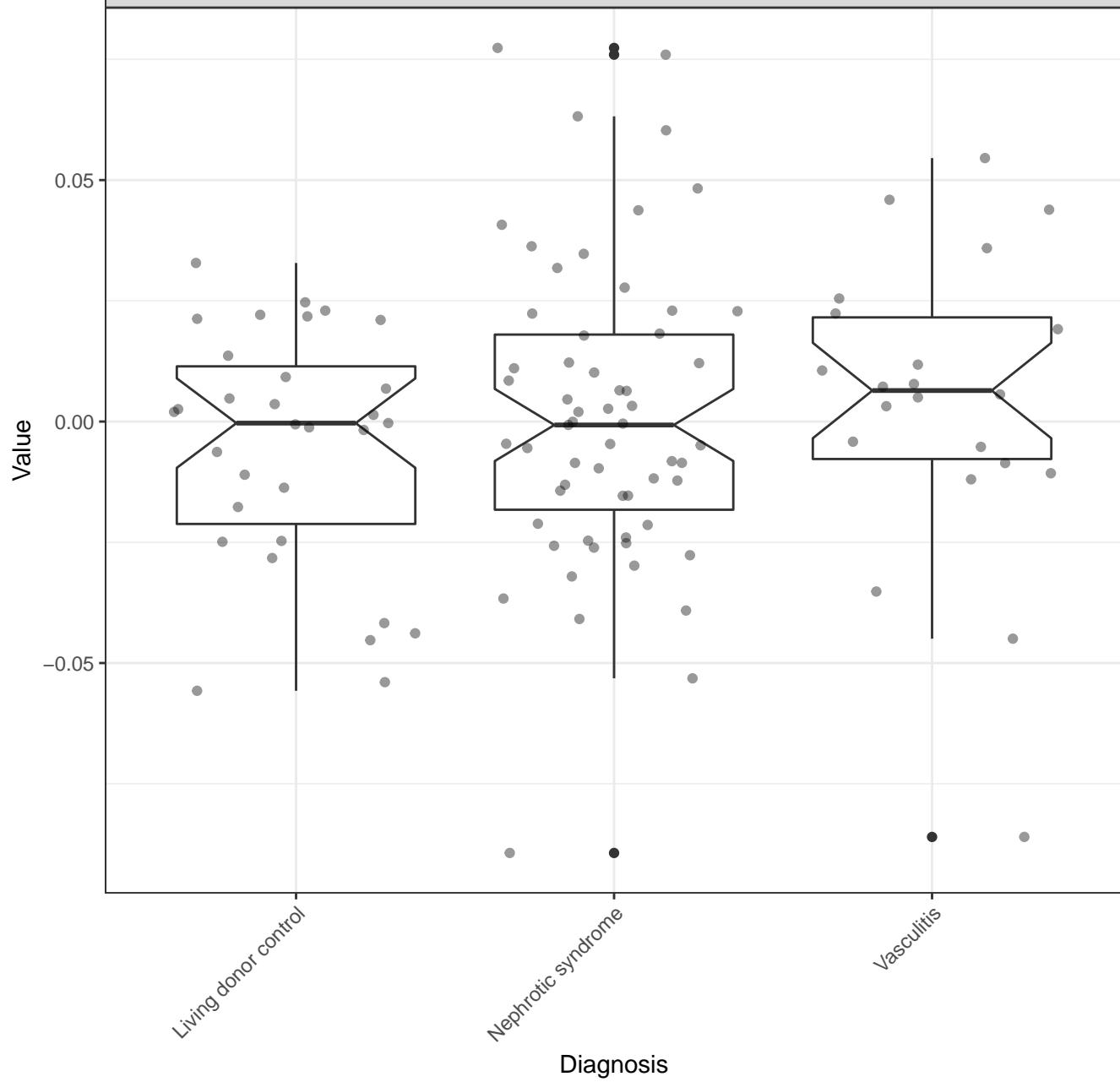
## 201,MIPS\_MEDIATOR\_COMPLEX

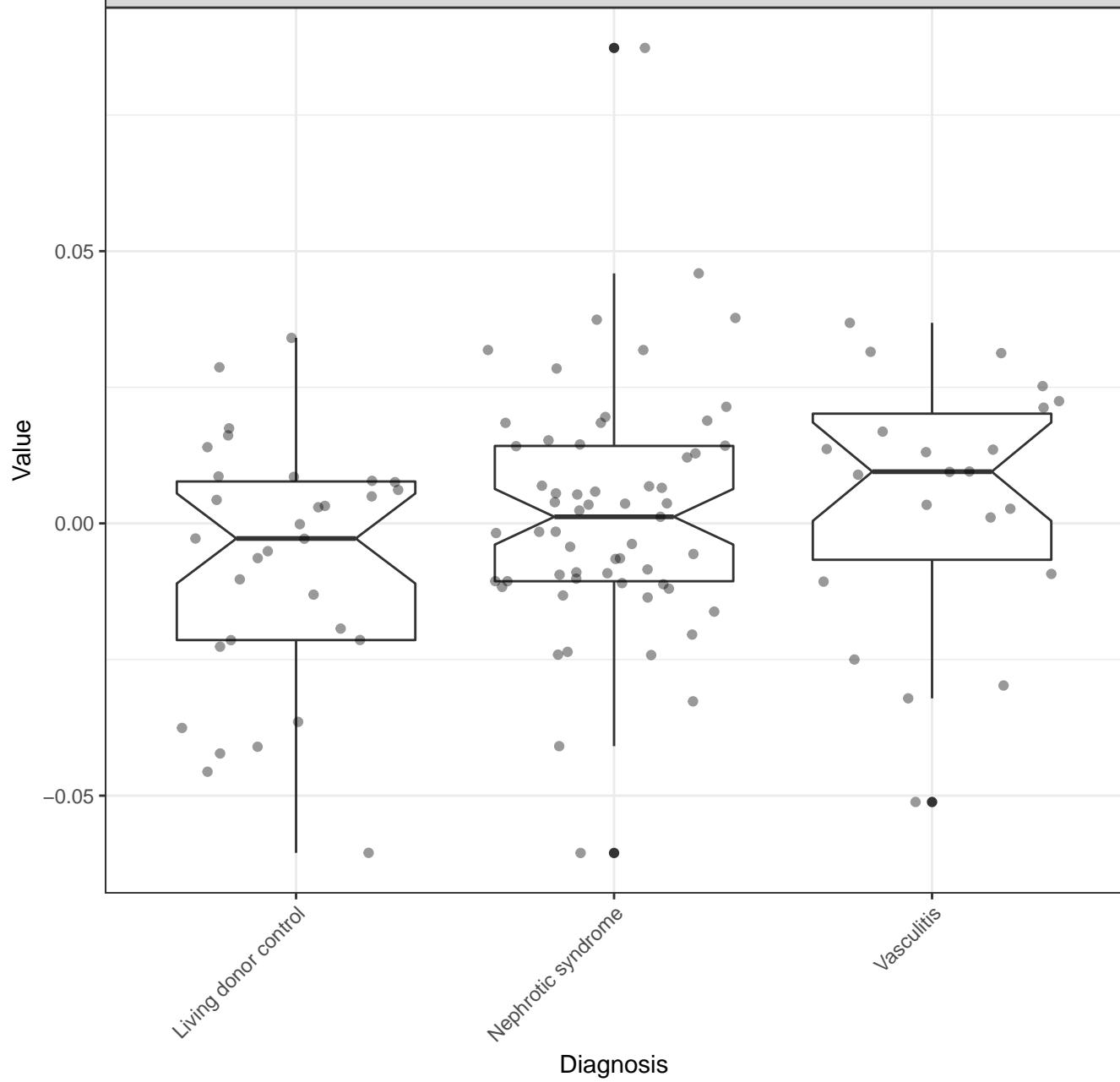


LV 202



LV 203





Value

0.05

0.00

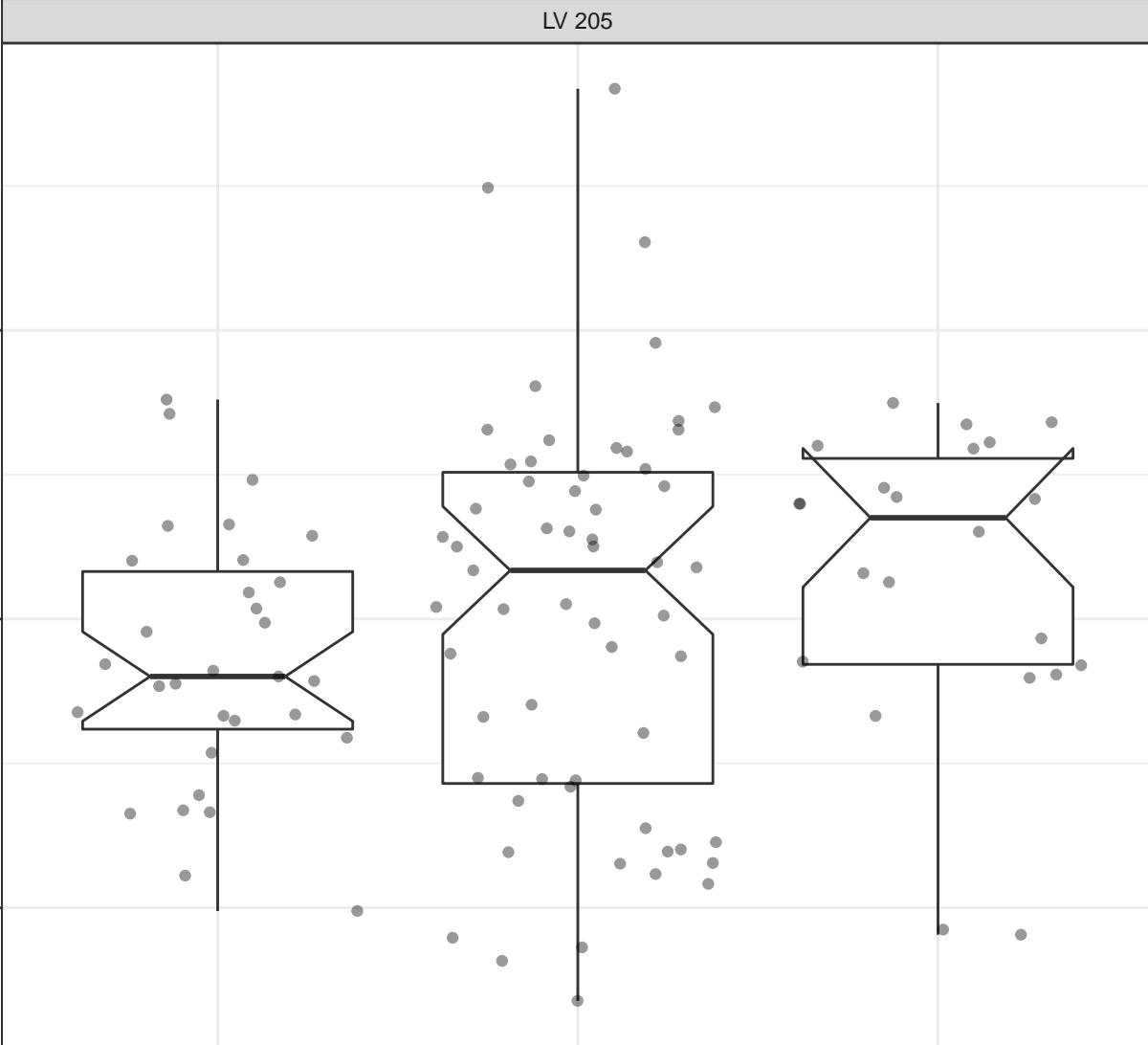
-0.05

Living donor control

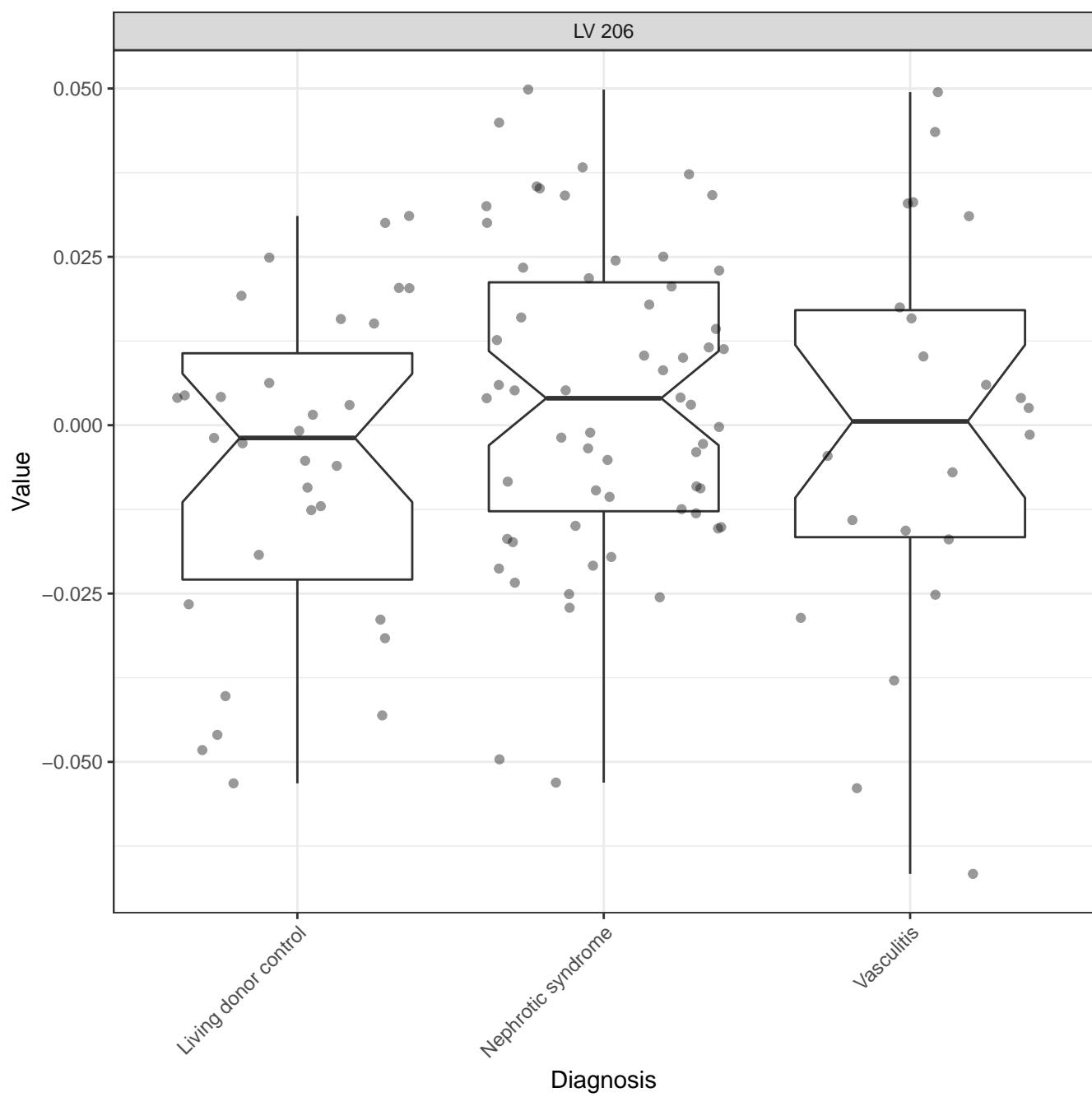
Nephrotic syndrome

Vasculitis

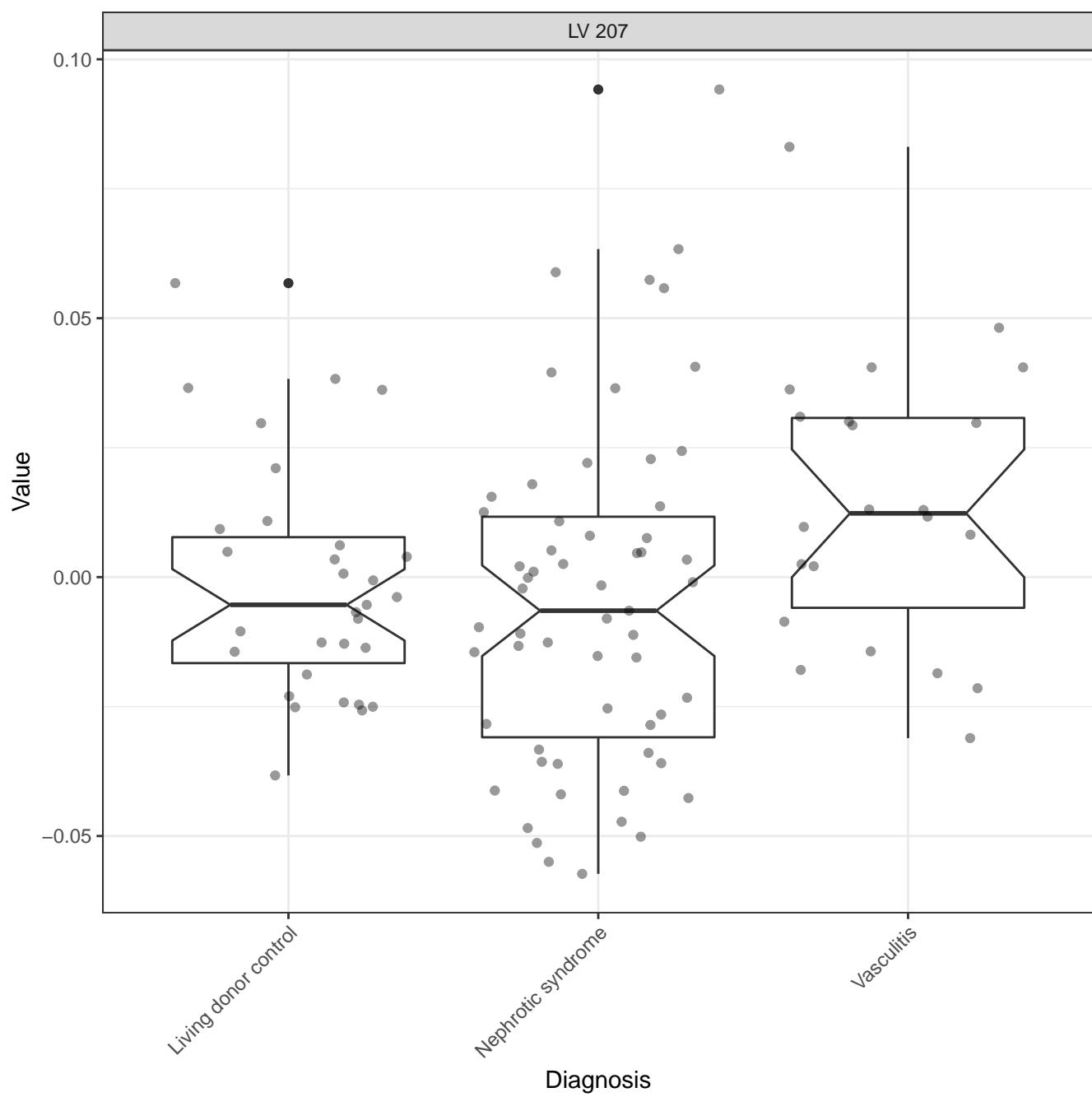
Diagnosis



LV 206



LV 207



LV 208

Value

0.05

0.00

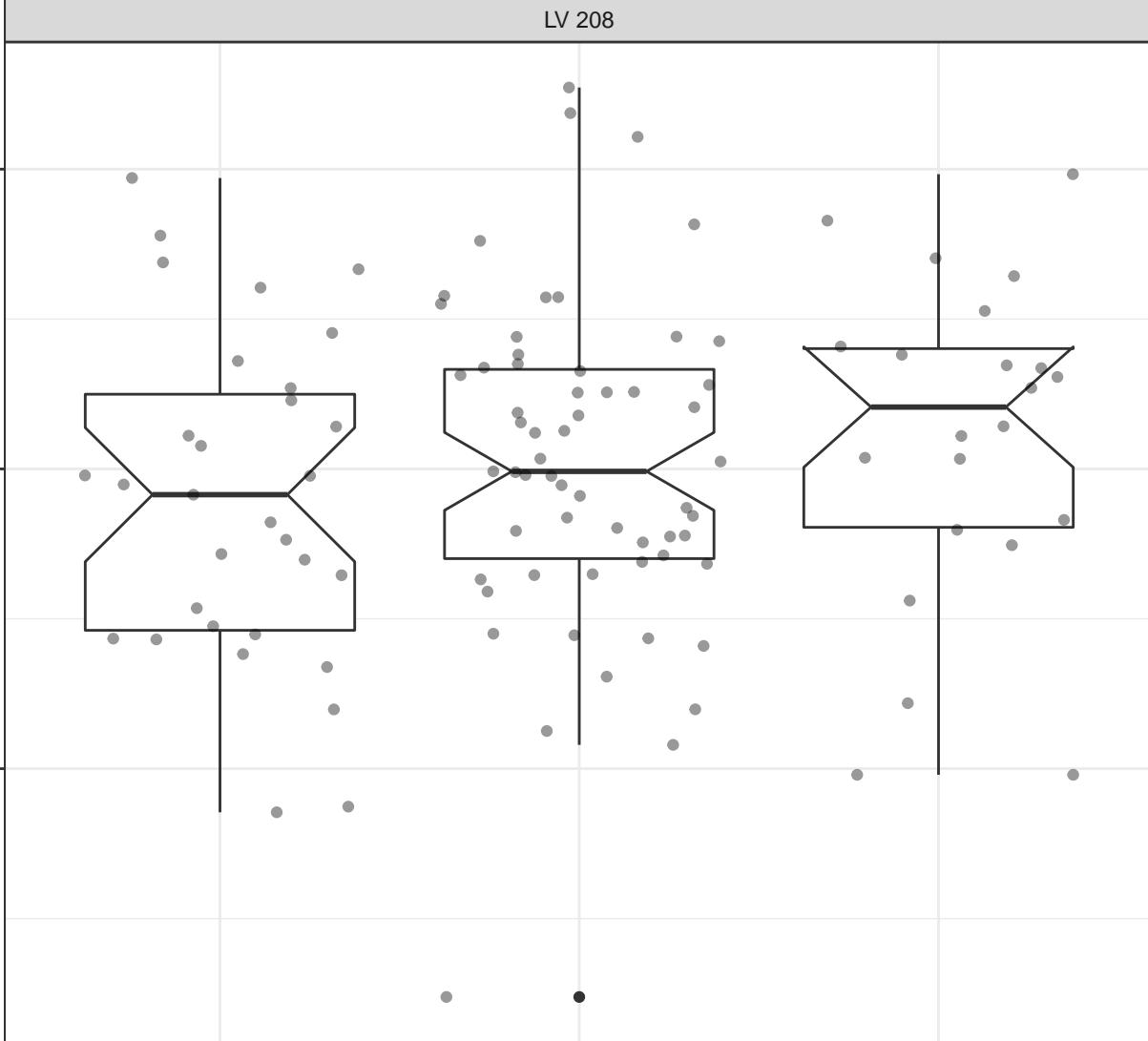
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

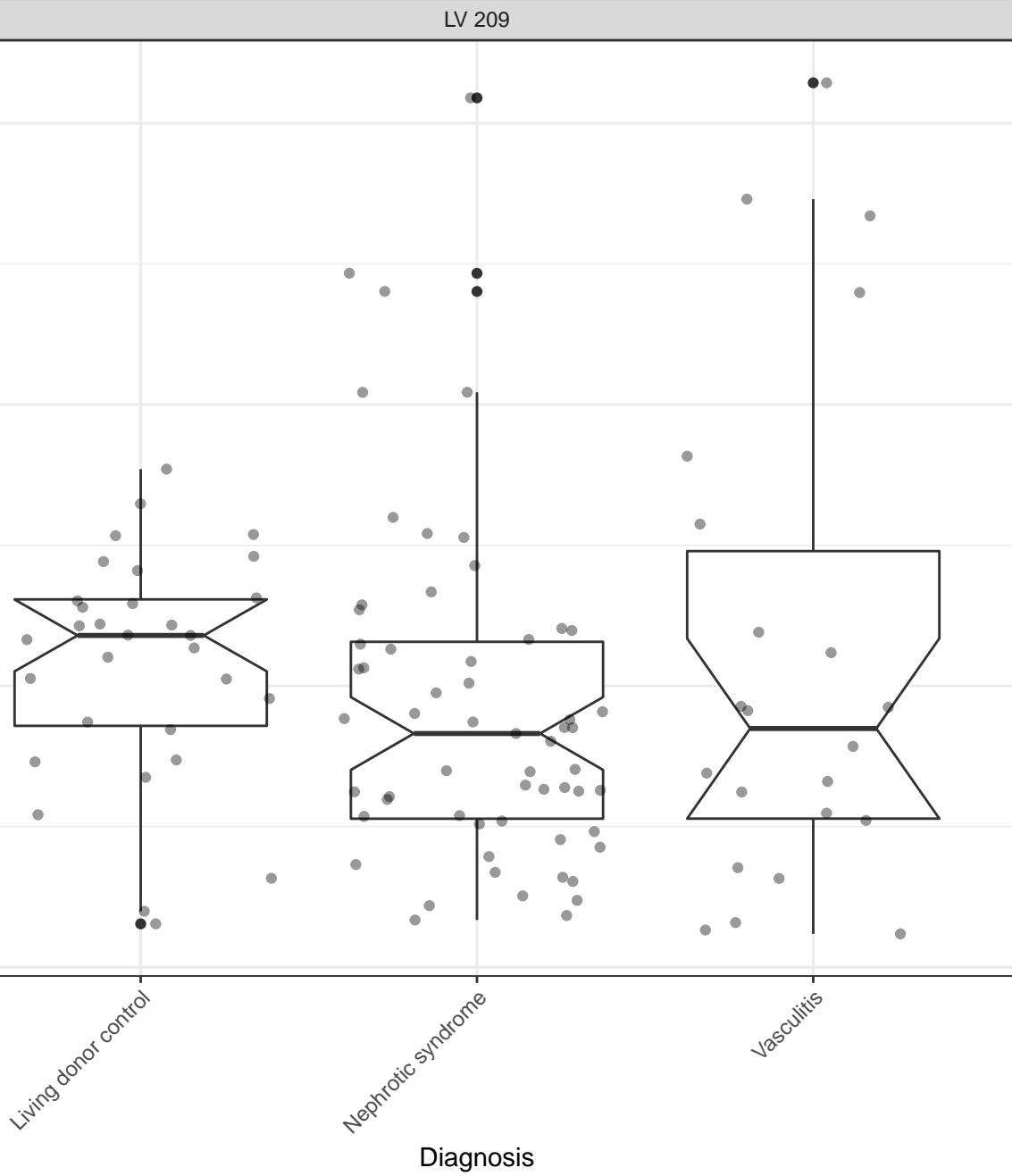
0.10  
0.05  
0.00  
-0.05

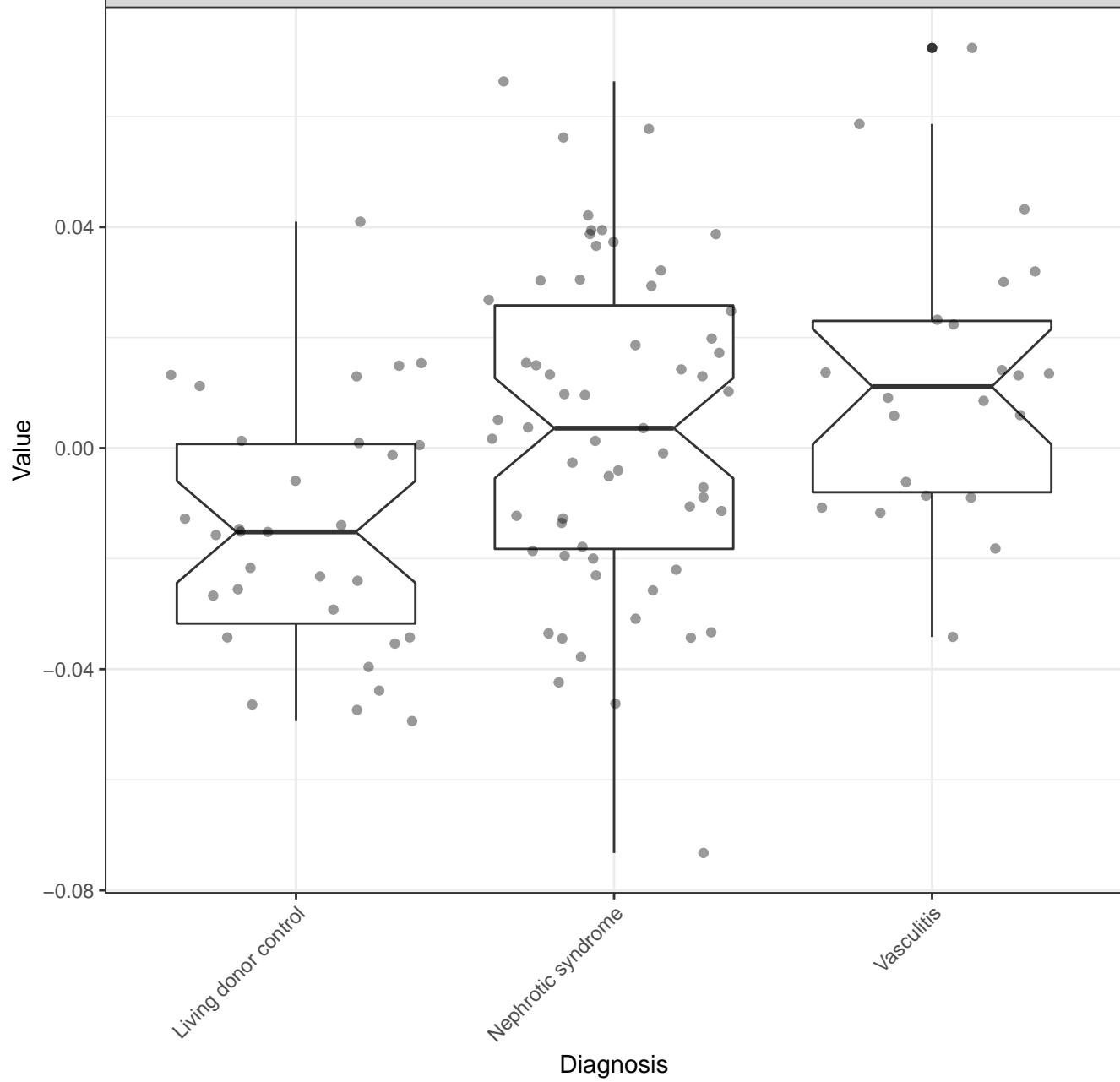
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.05

0.00

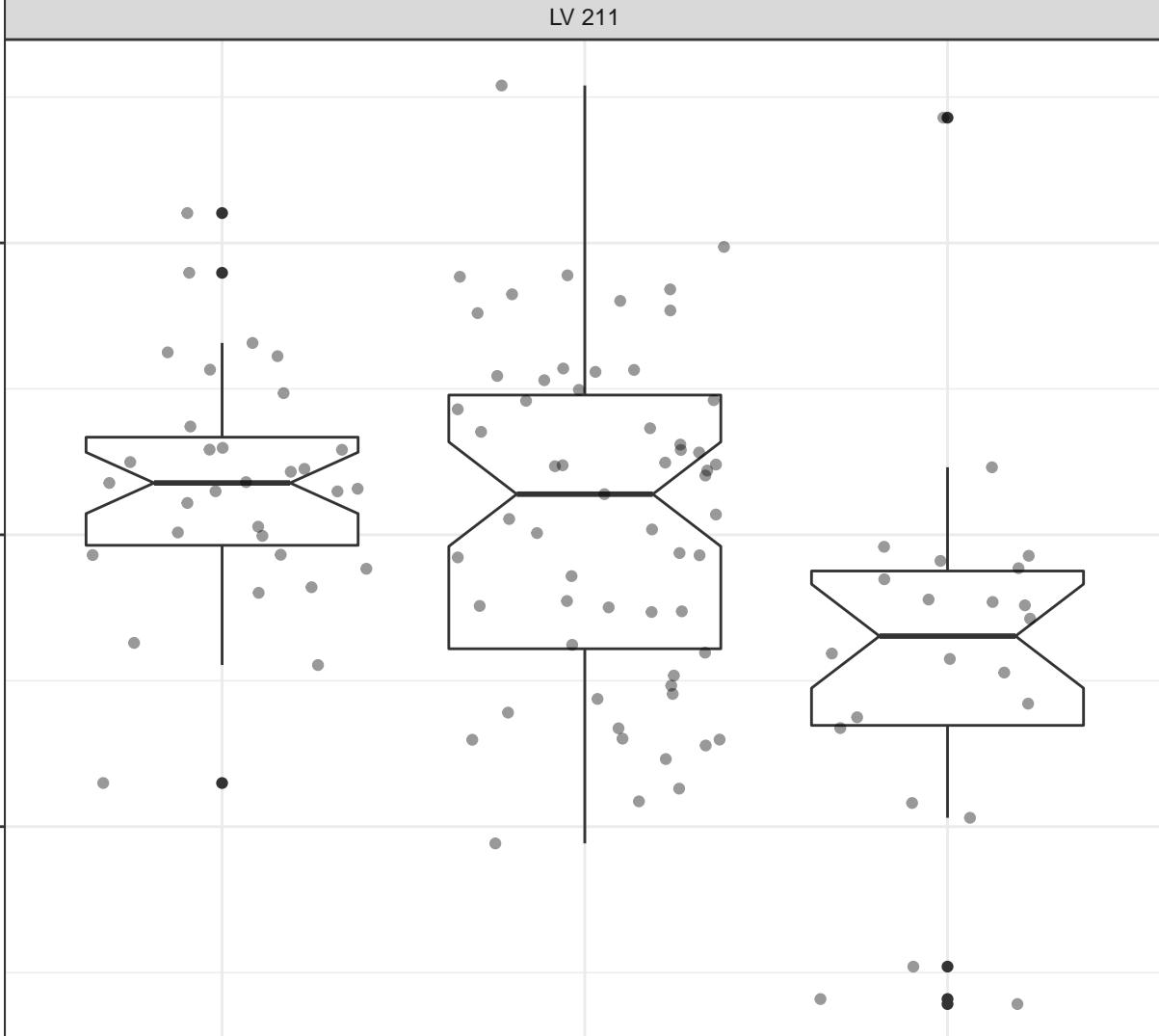
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.01

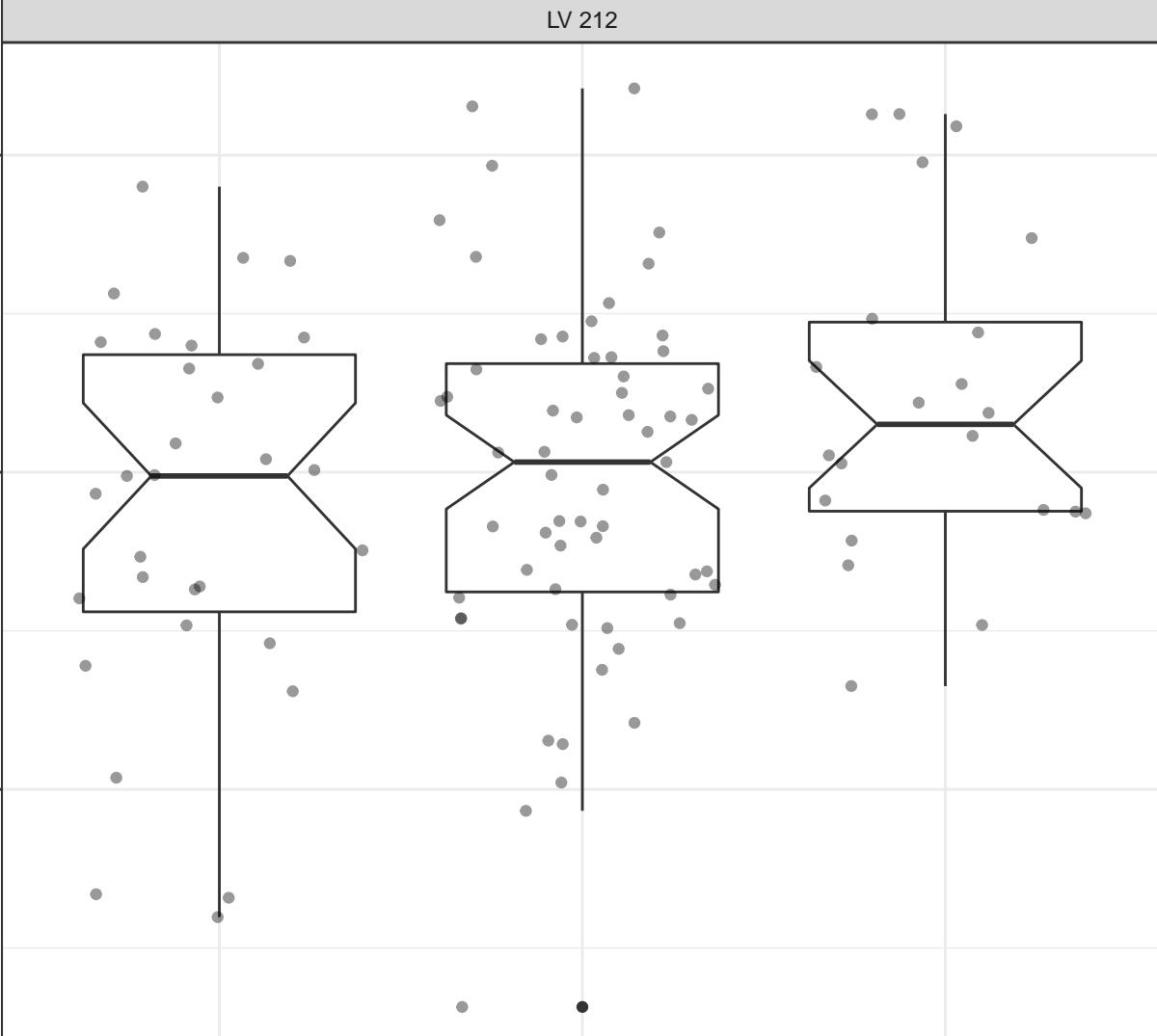
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

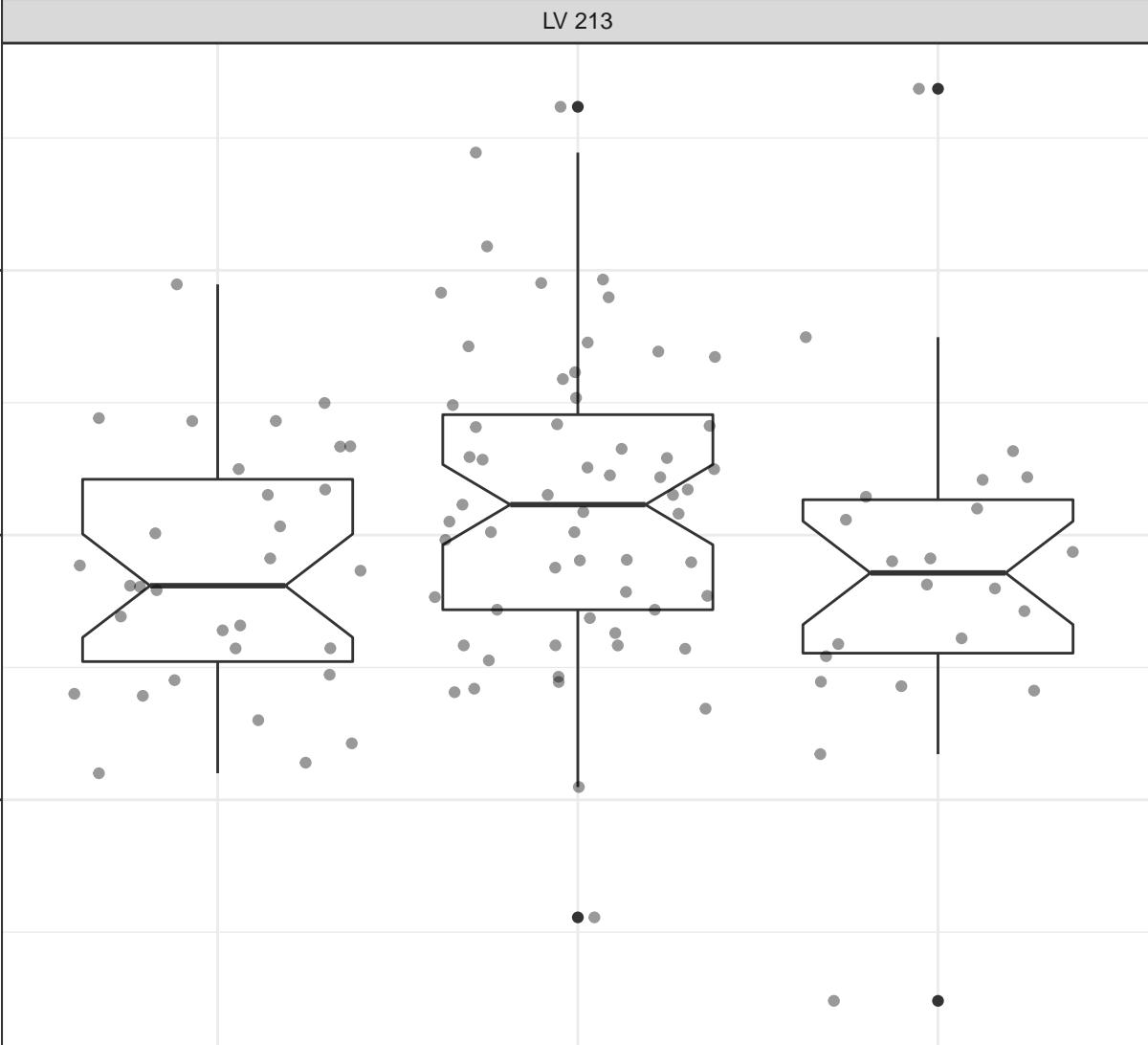
-0.05

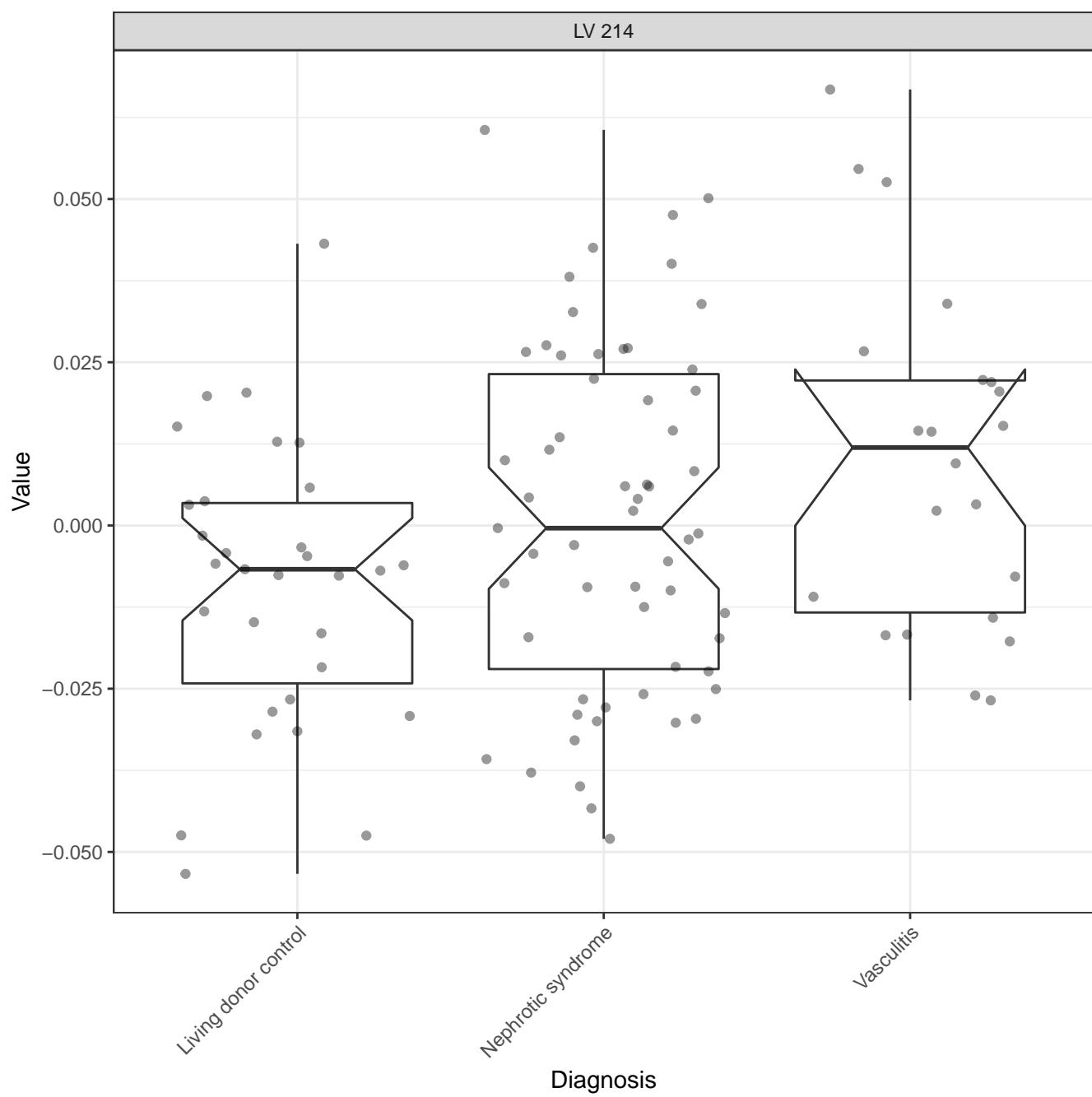
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.10

0.05

0.00

-0.05

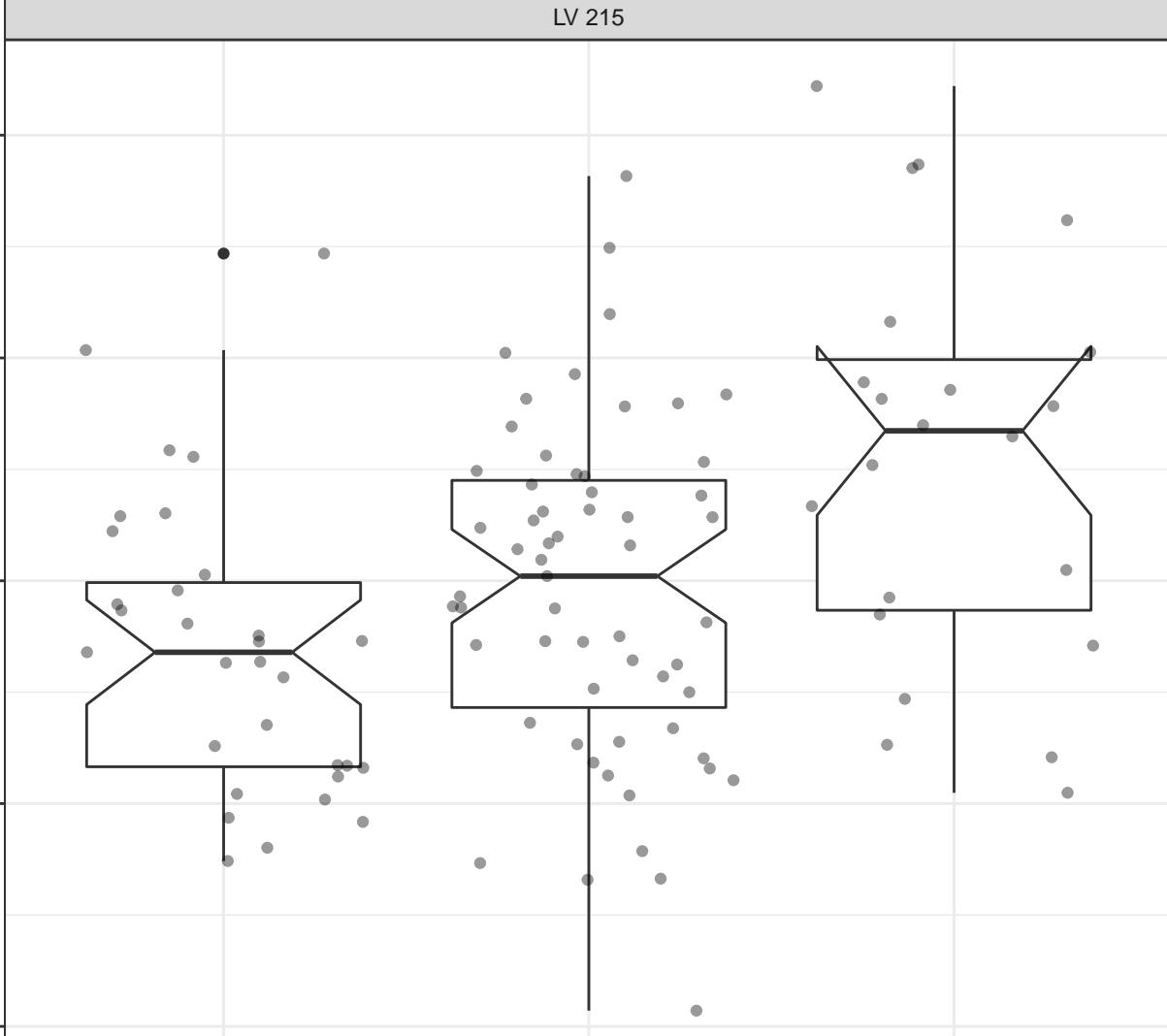
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

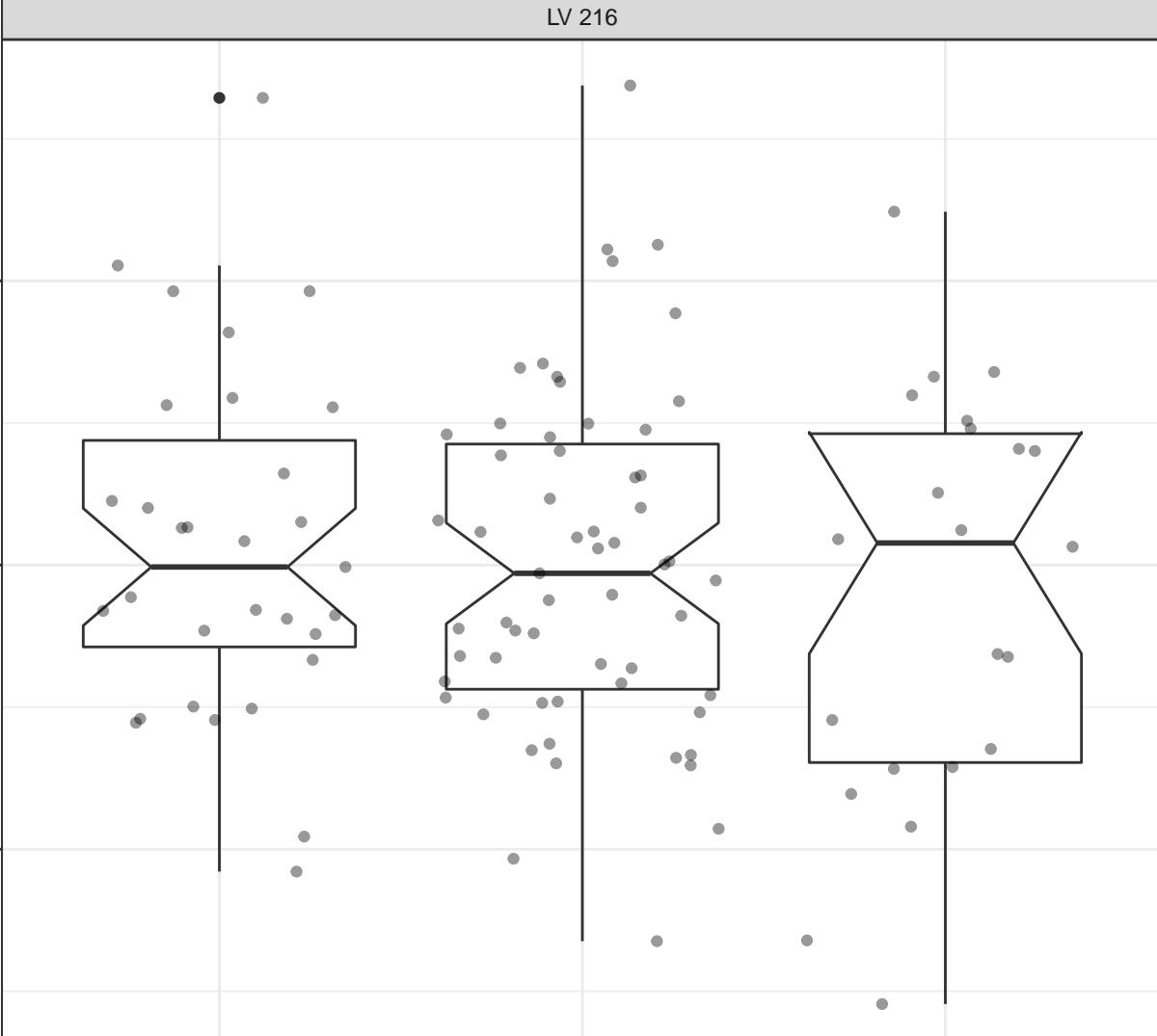
-0.04

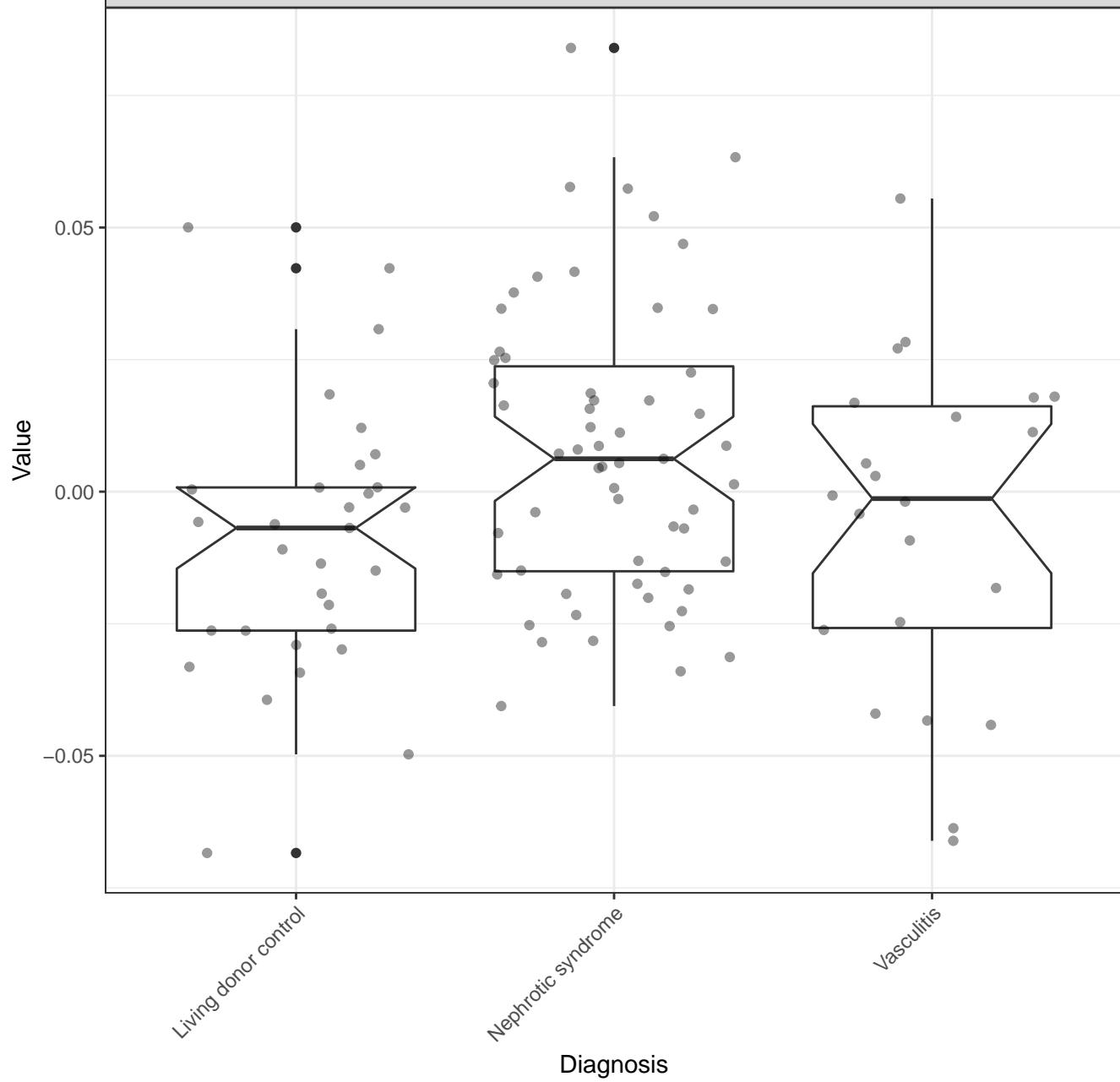
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 218

Value

0.08

0.04

0.00

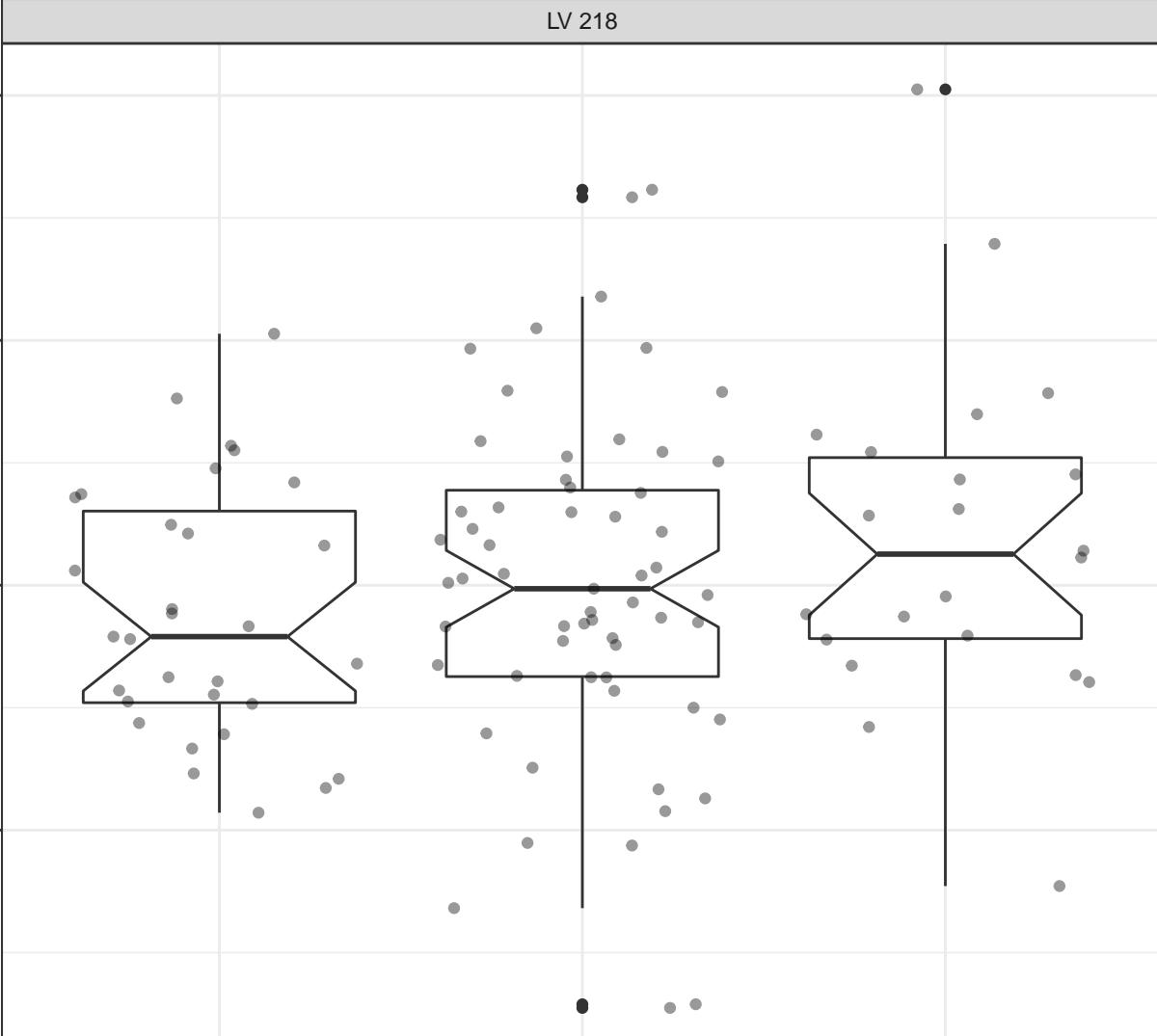
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 219

Value

0.06

0.03

0.01

-0.03

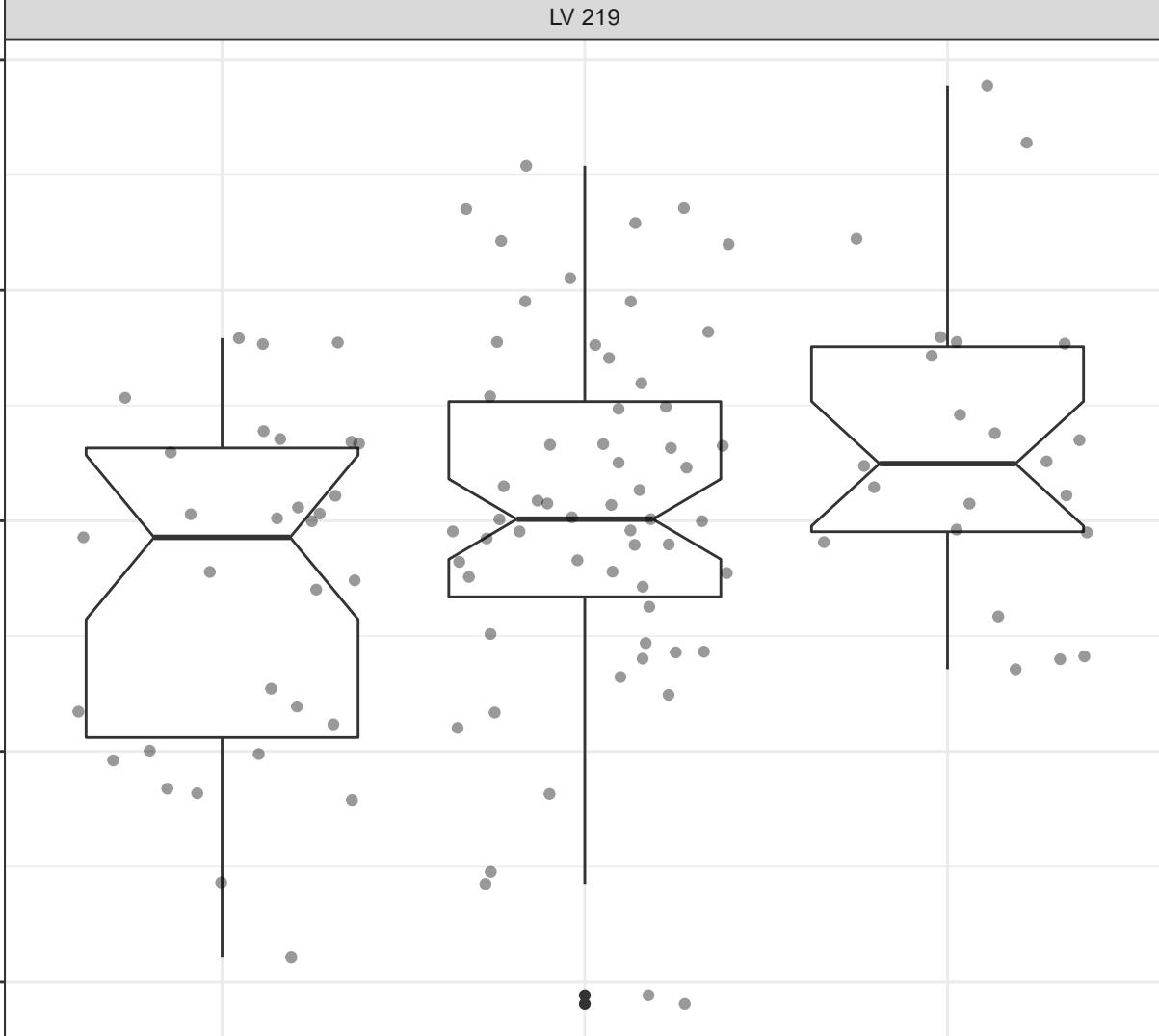
-0.06

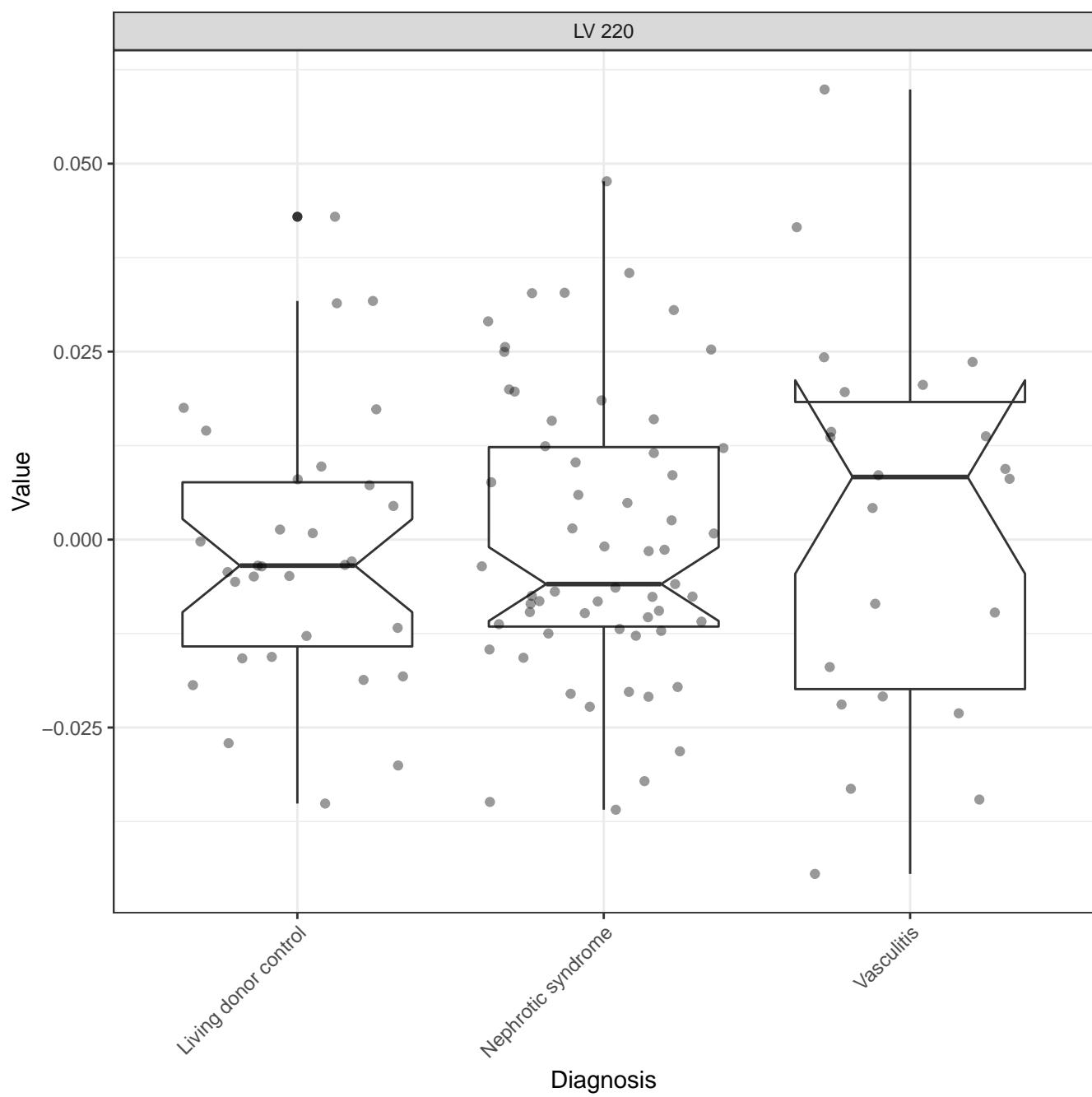
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.05

0.00

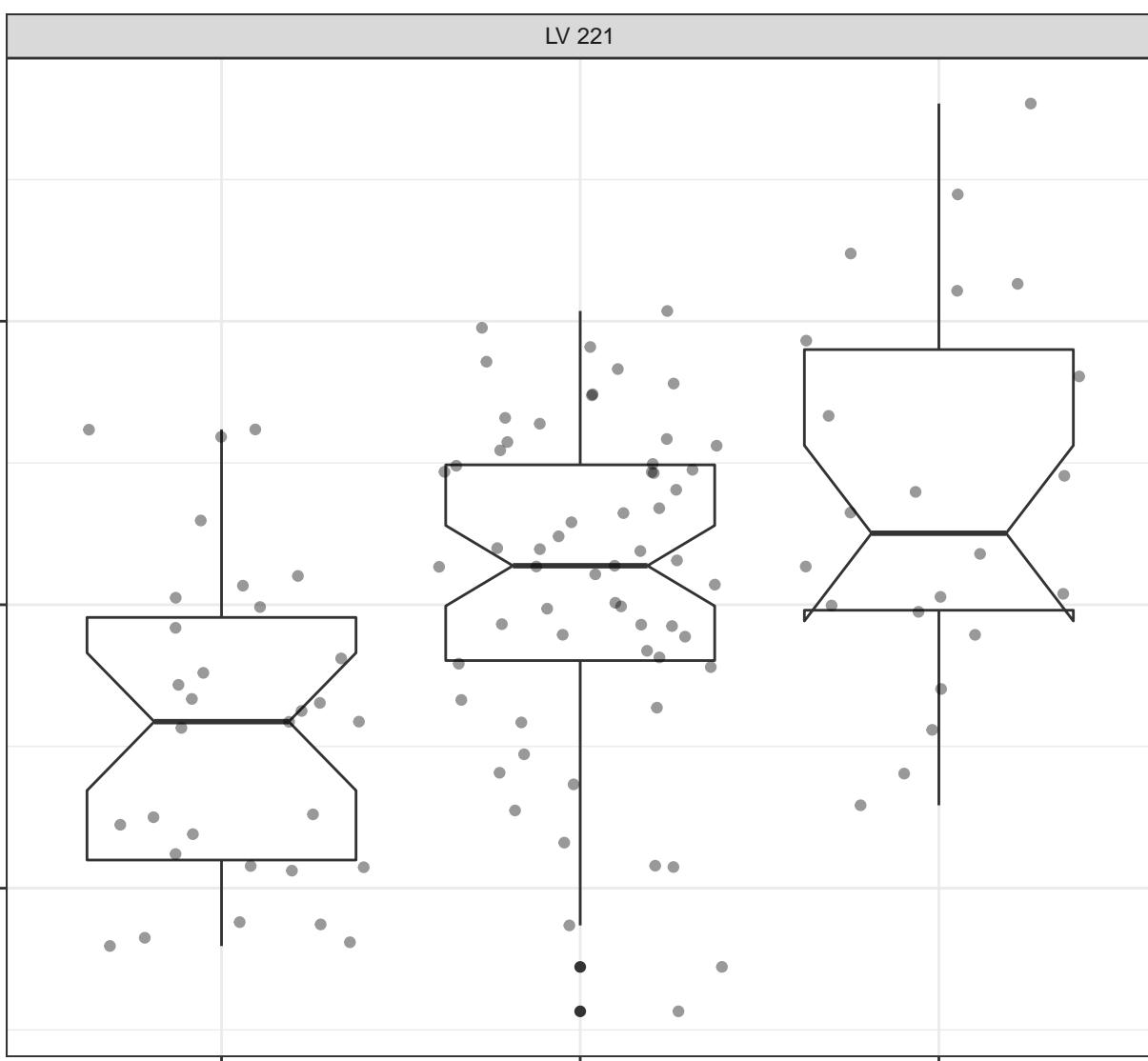
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 222

Value

0.05

0.00

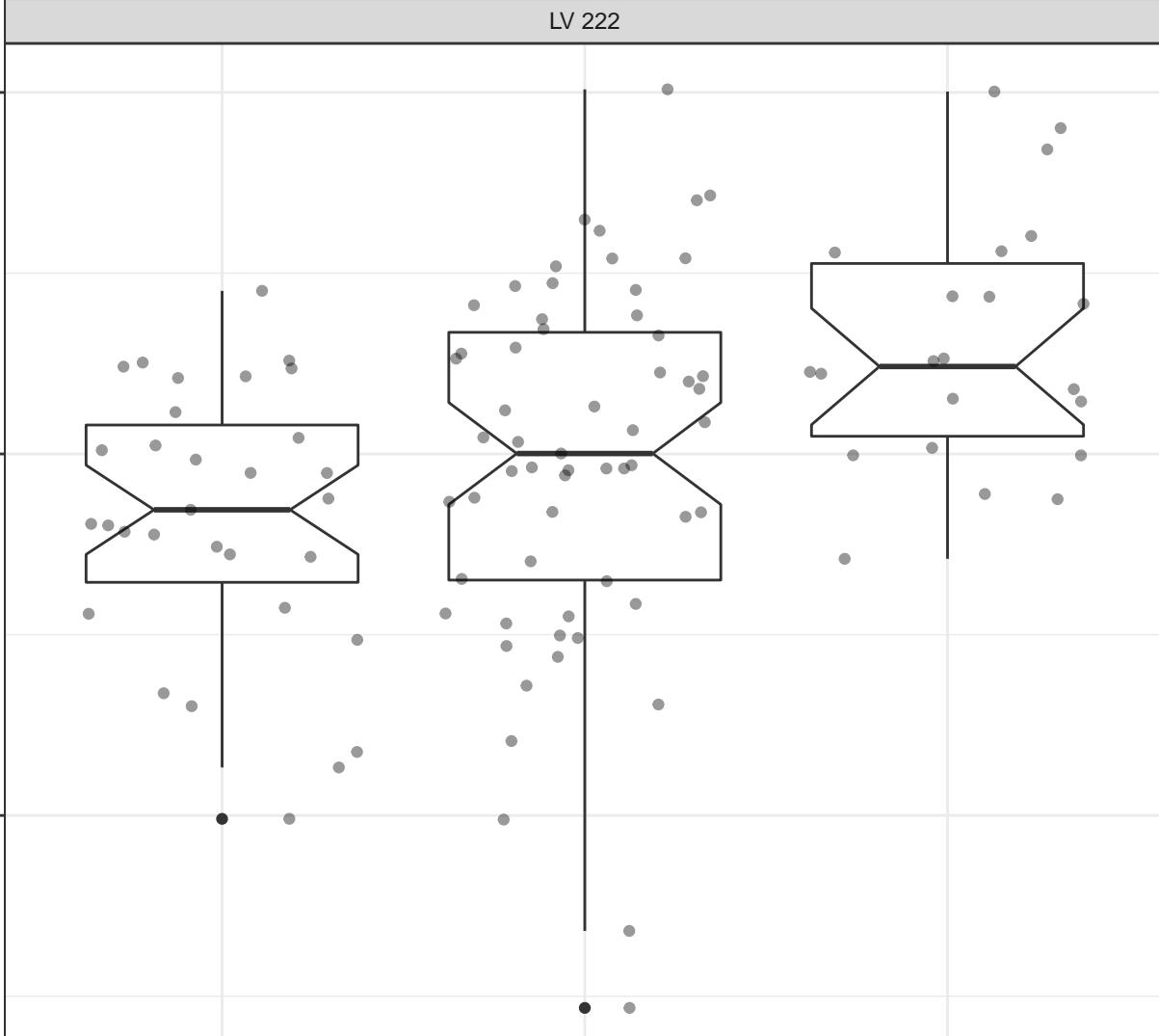
-0.05

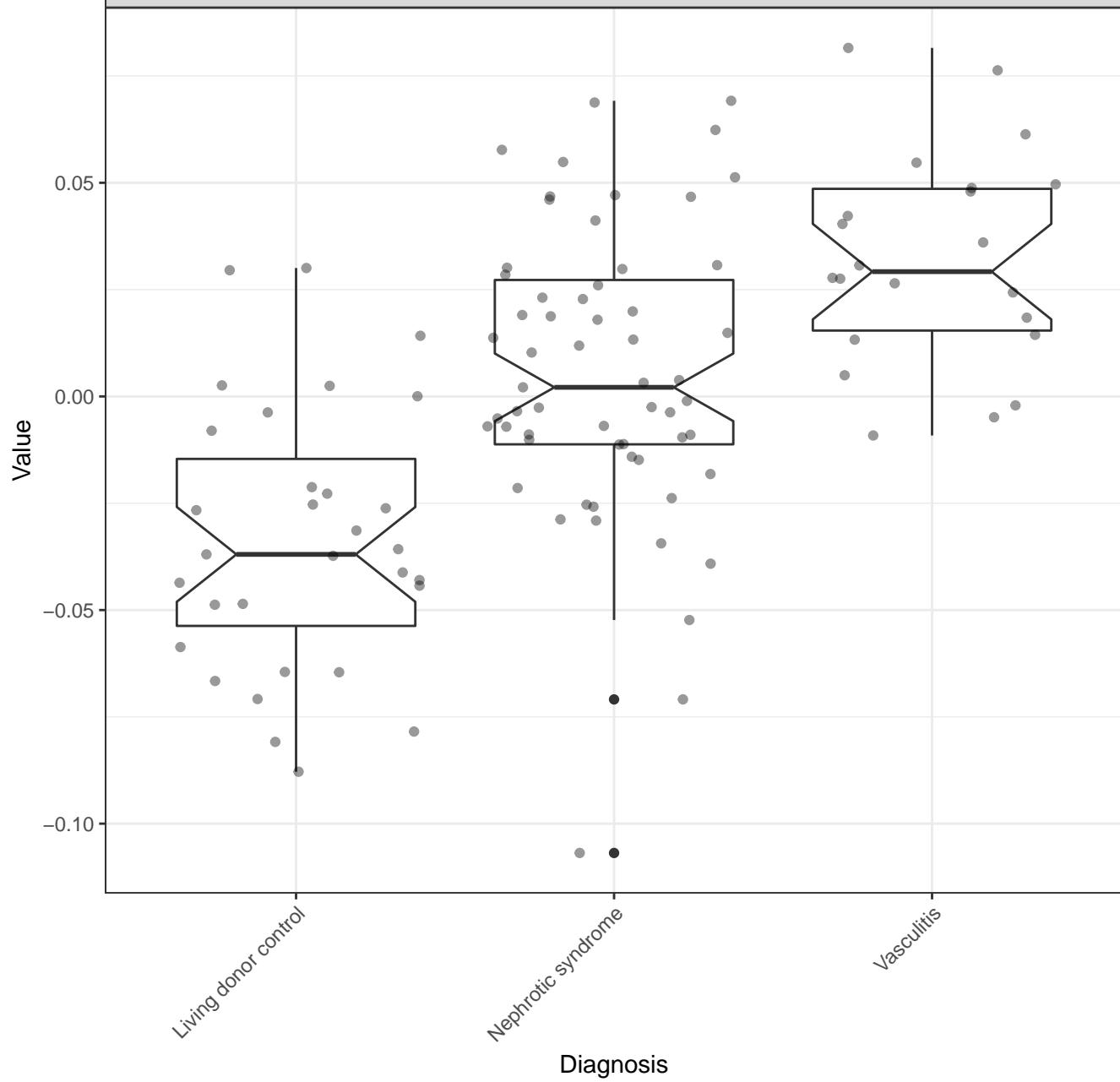
Living donor control

Nephrotic syndrome

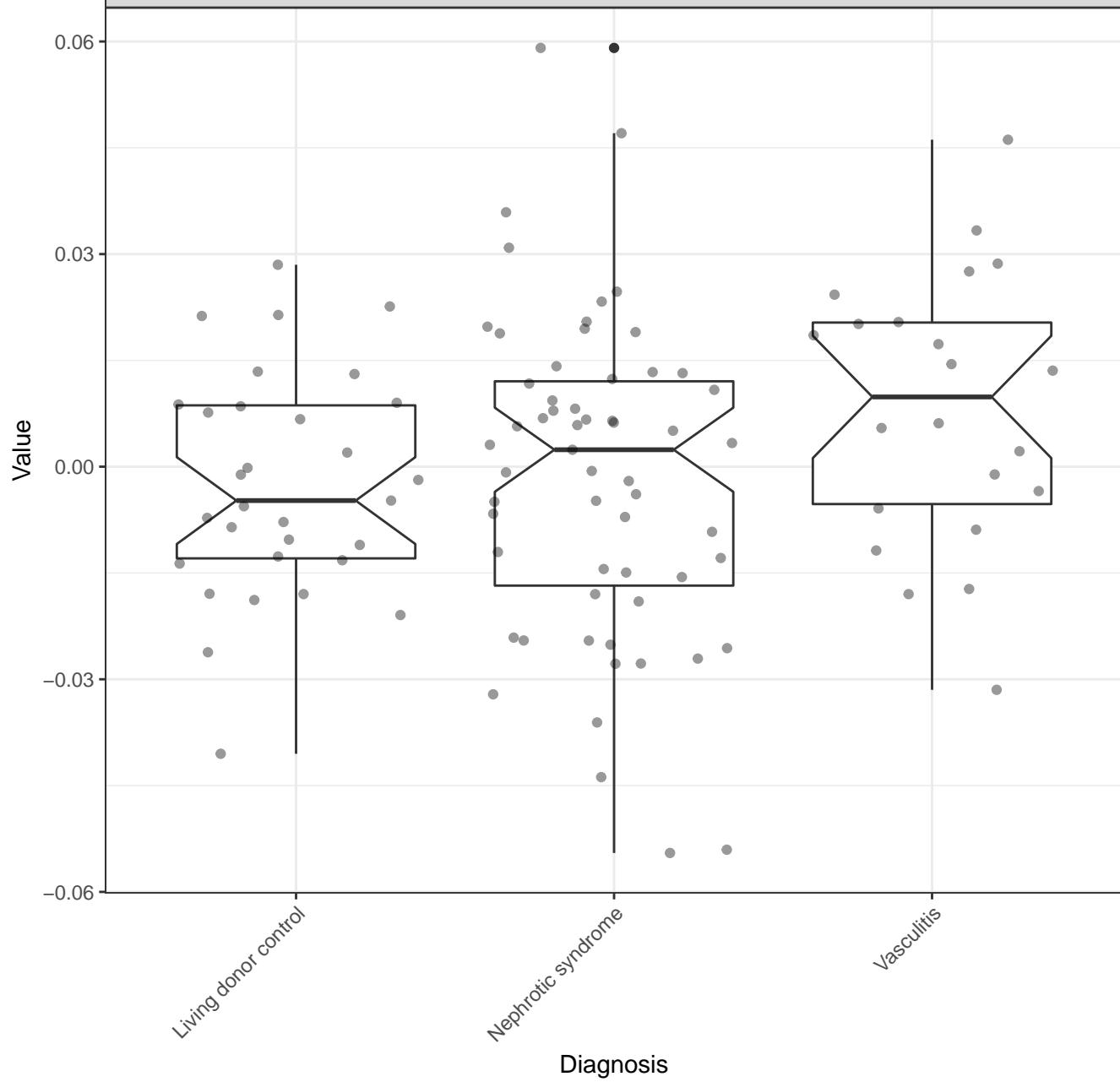
Vasculitis

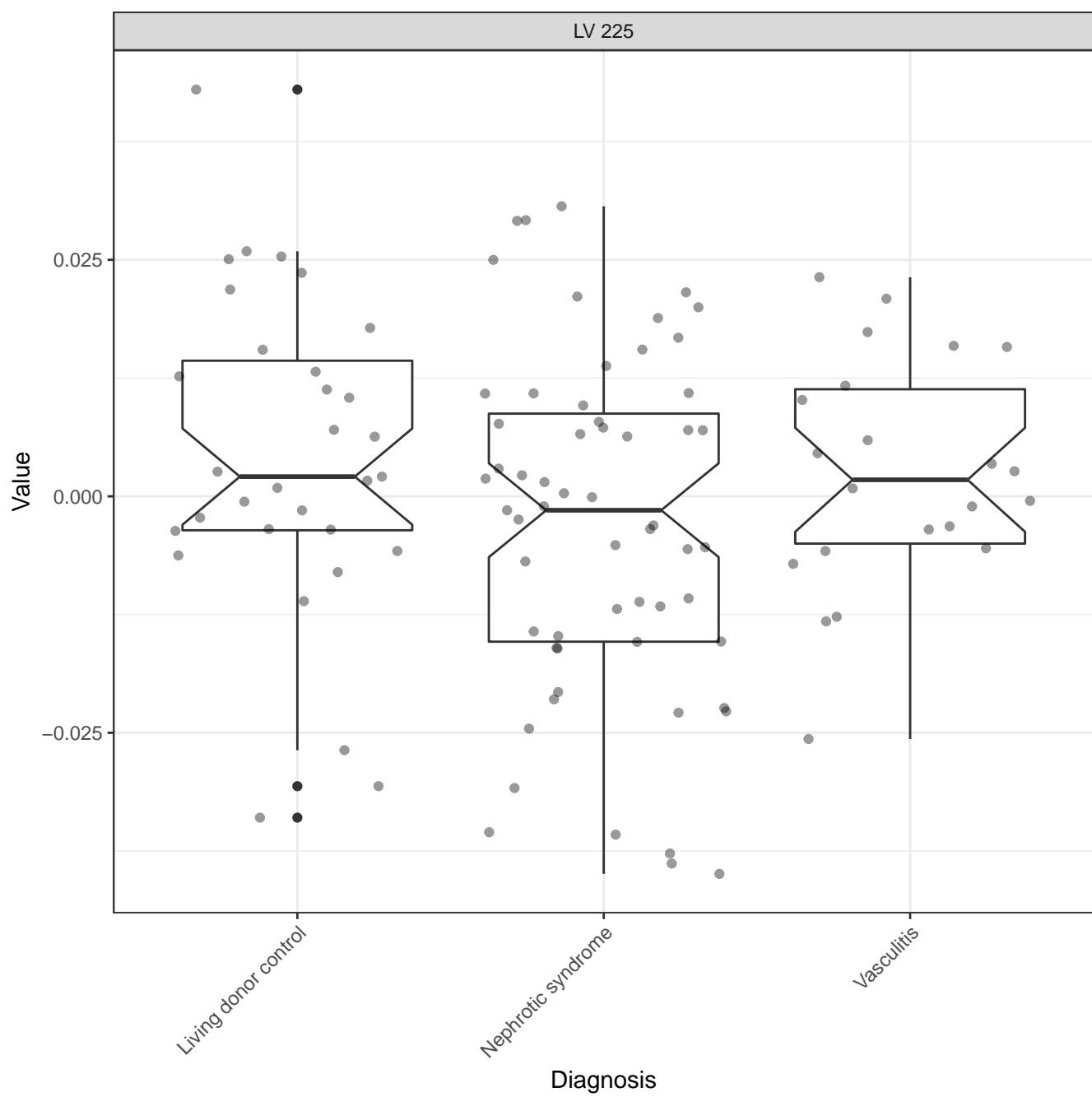
Diagnosis





LV 224





LV 226

Value

0.10

0.05

0.00

-0.05

-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 227

Value

0.06

0.04

0.02

0.00

-0.02

-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

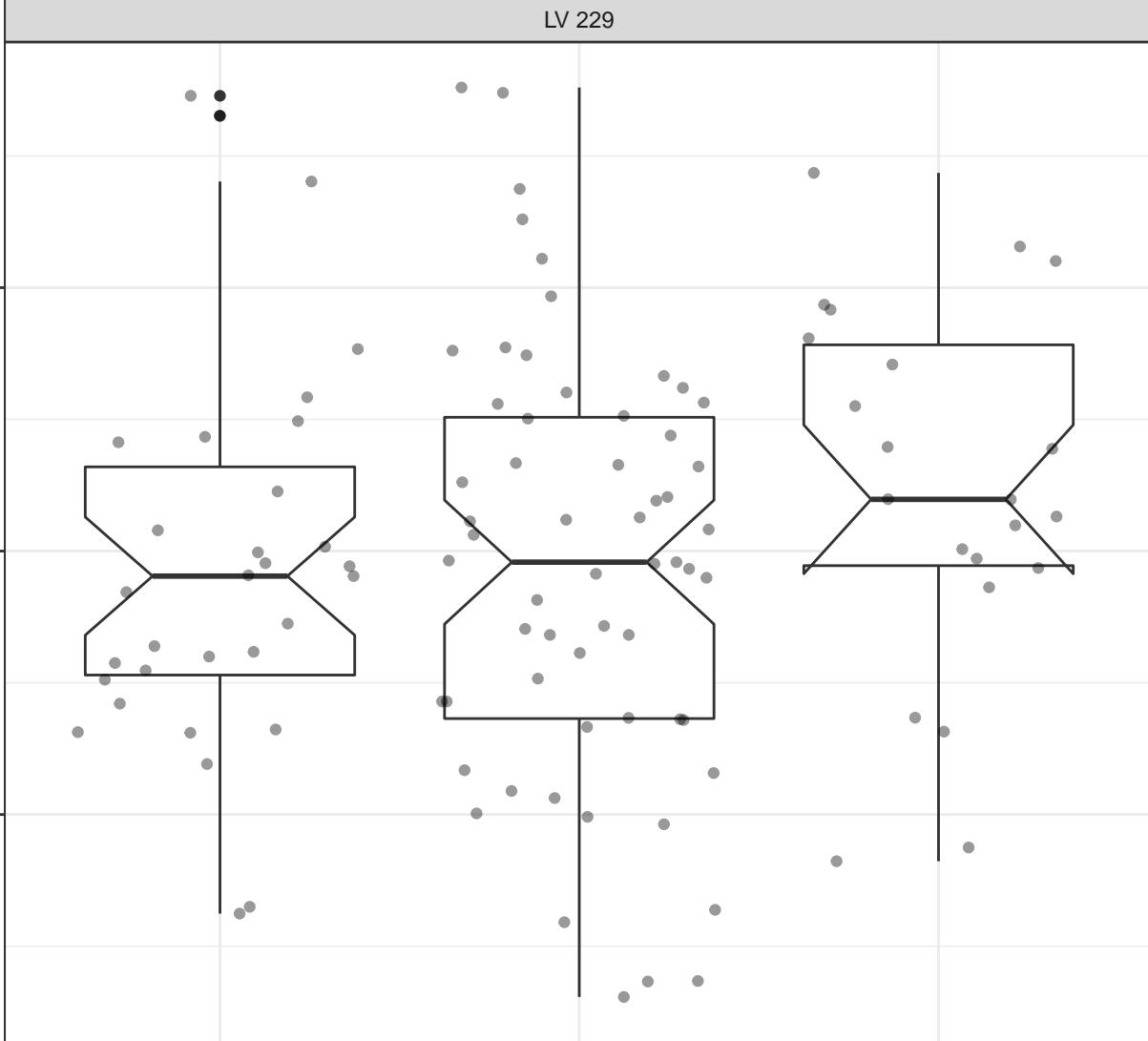
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 230

Value

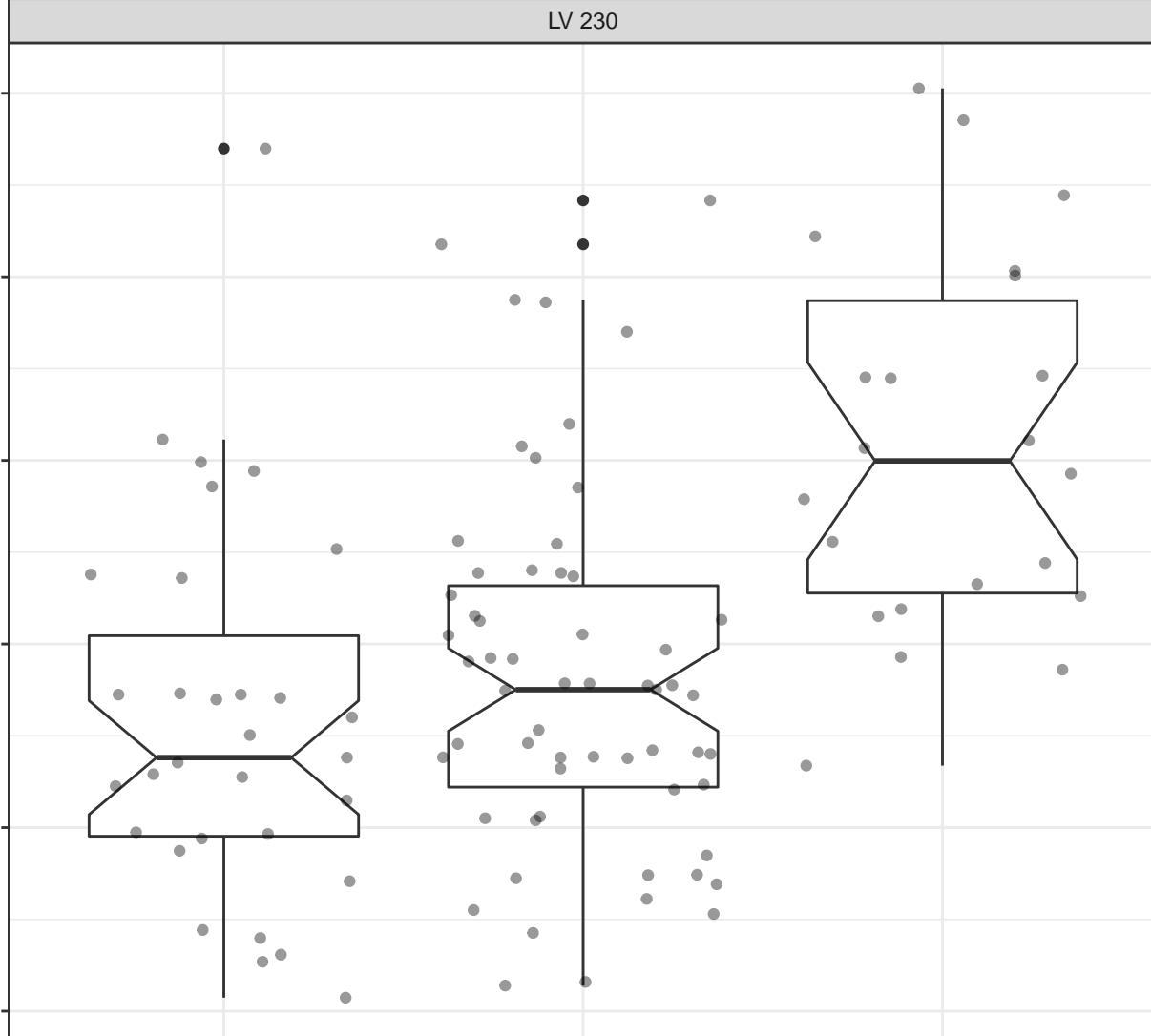
0.06  
0.04  
0.02  
0.00  
-0.02  
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 231

Value

0.10

0.05

0.00

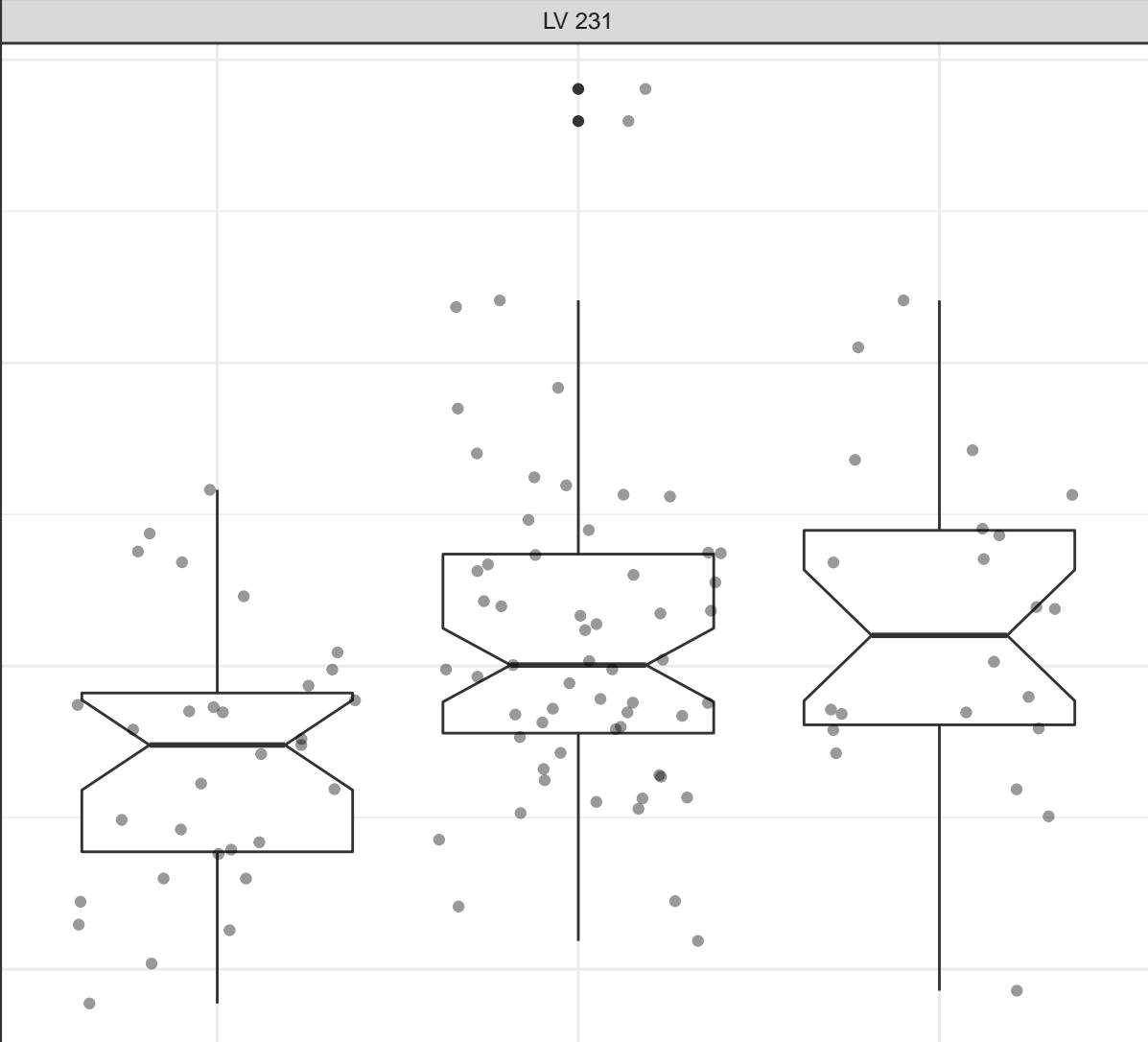
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 232

Value

0.10

0.05

0.00

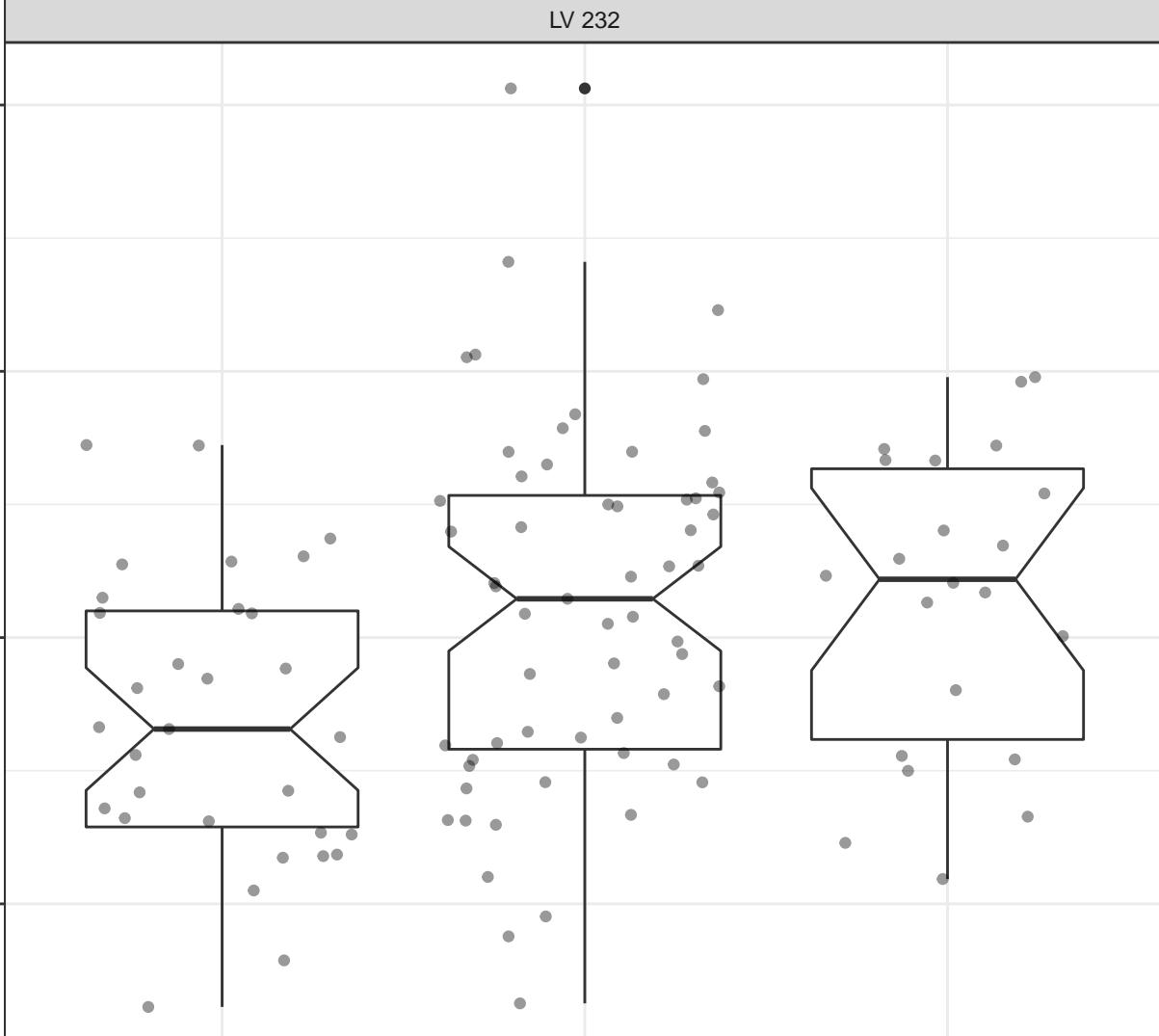
-0.05

Living donor control

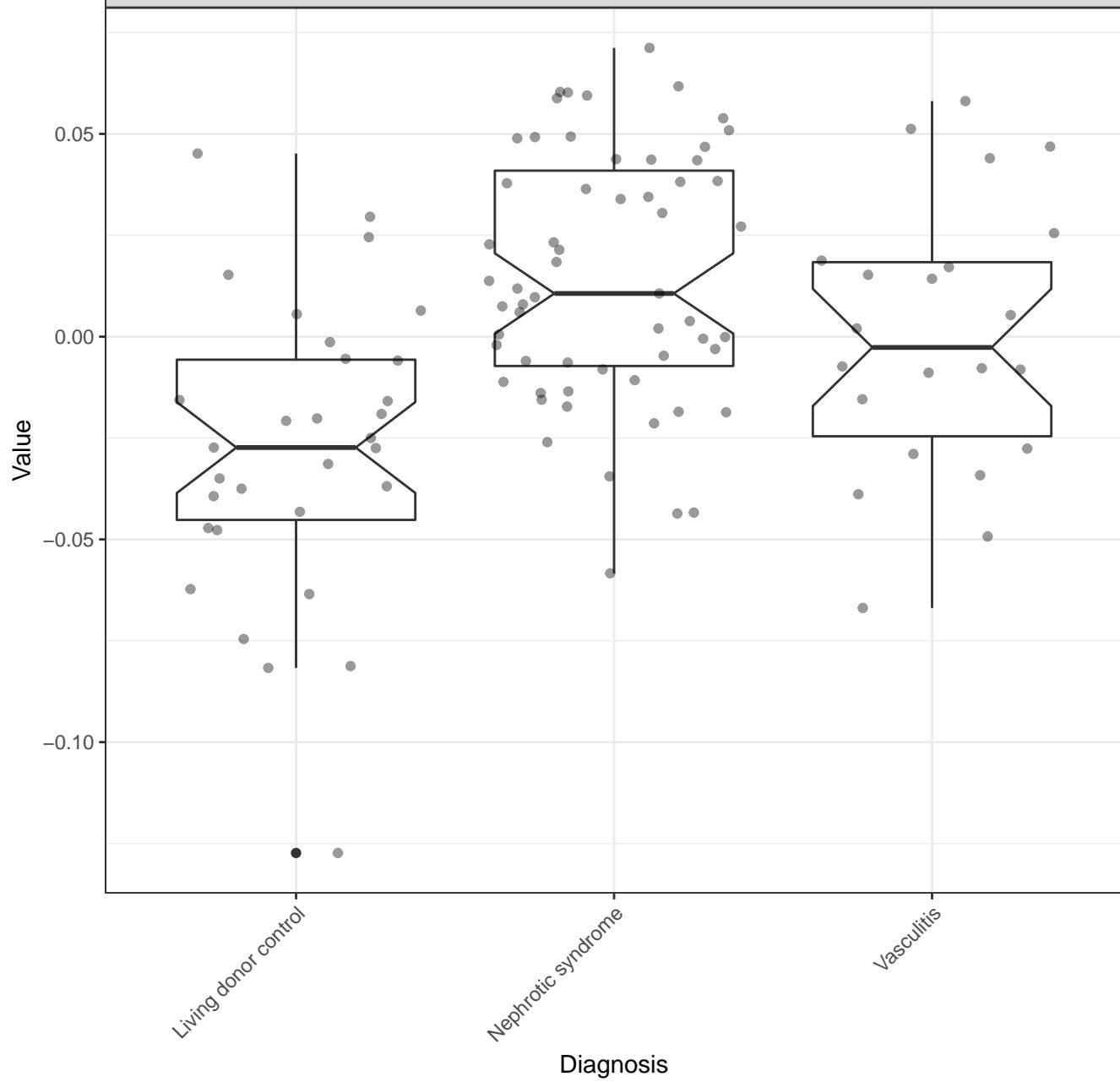
Nephrotic syndrome

Vasculitis

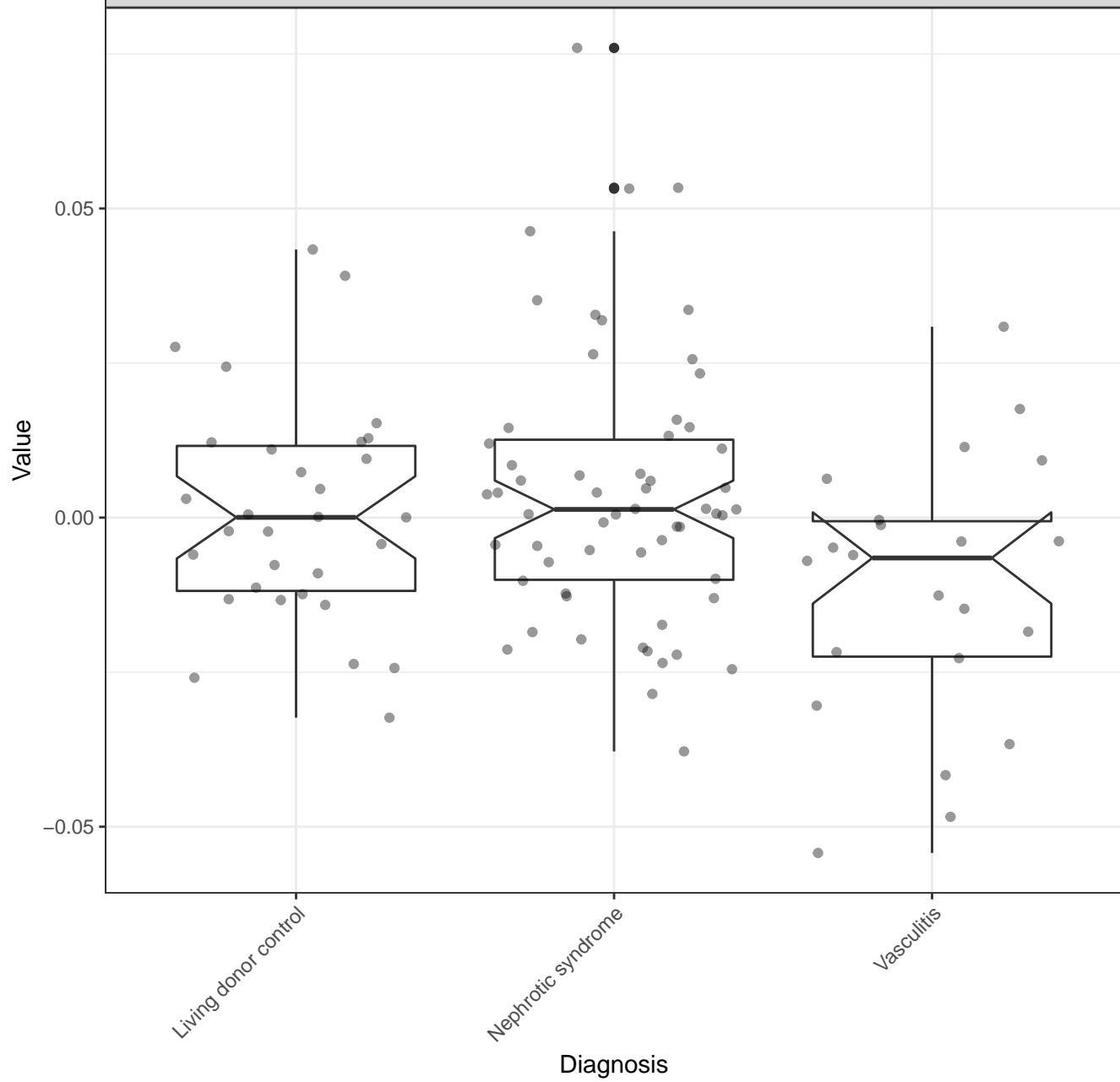
Diagnosis

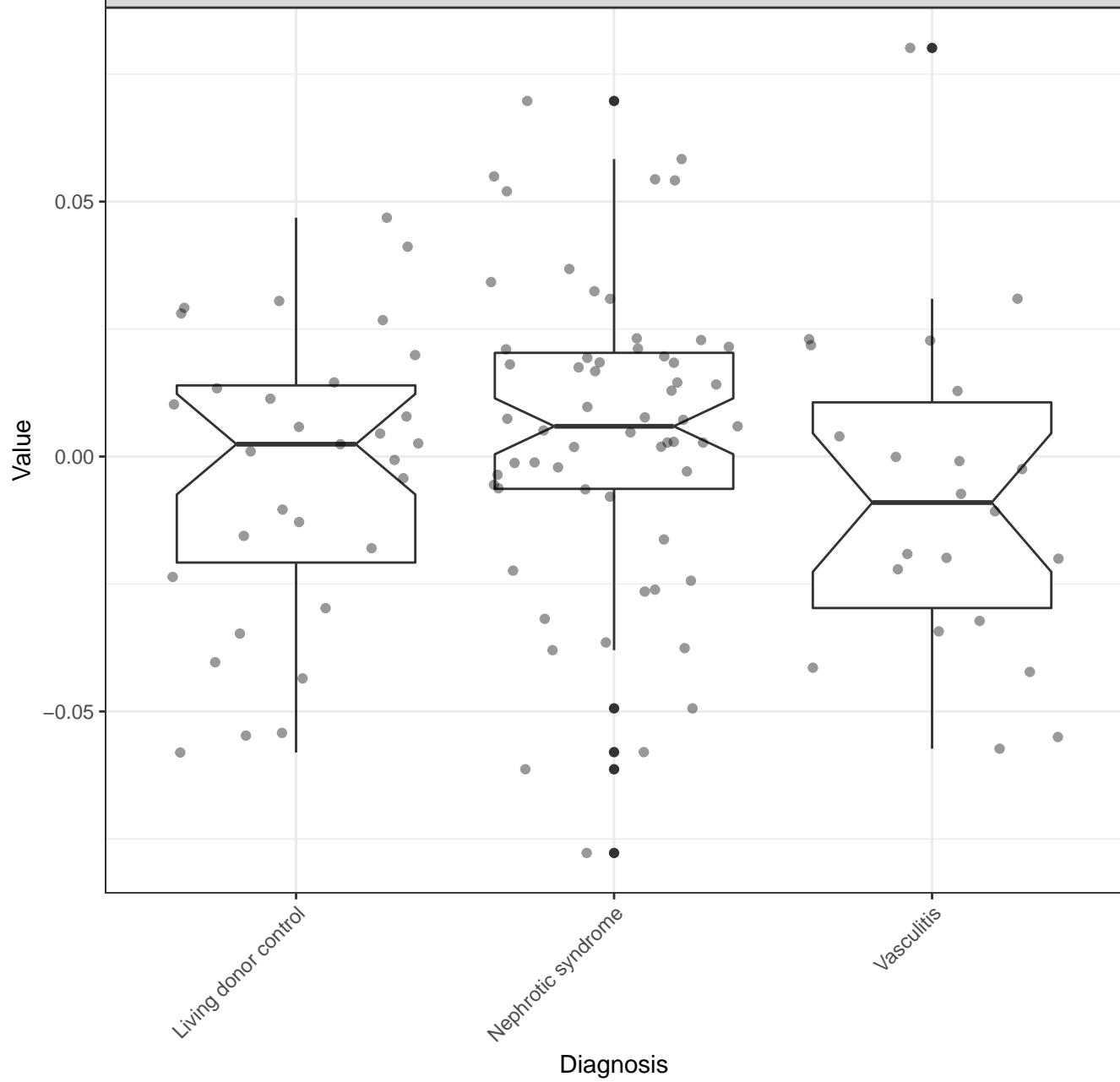


LV 233



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





Value

0.05

0.00

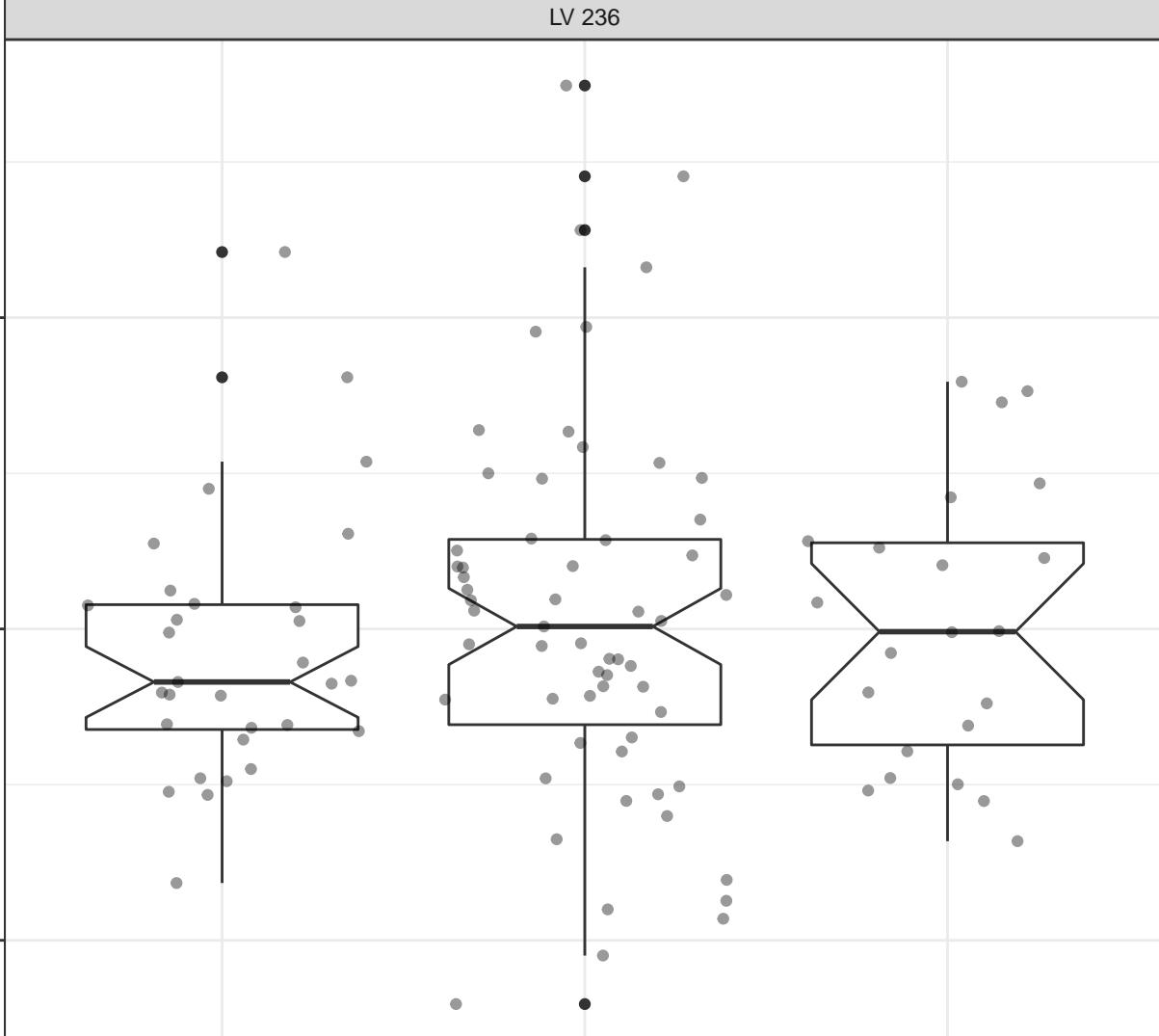
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

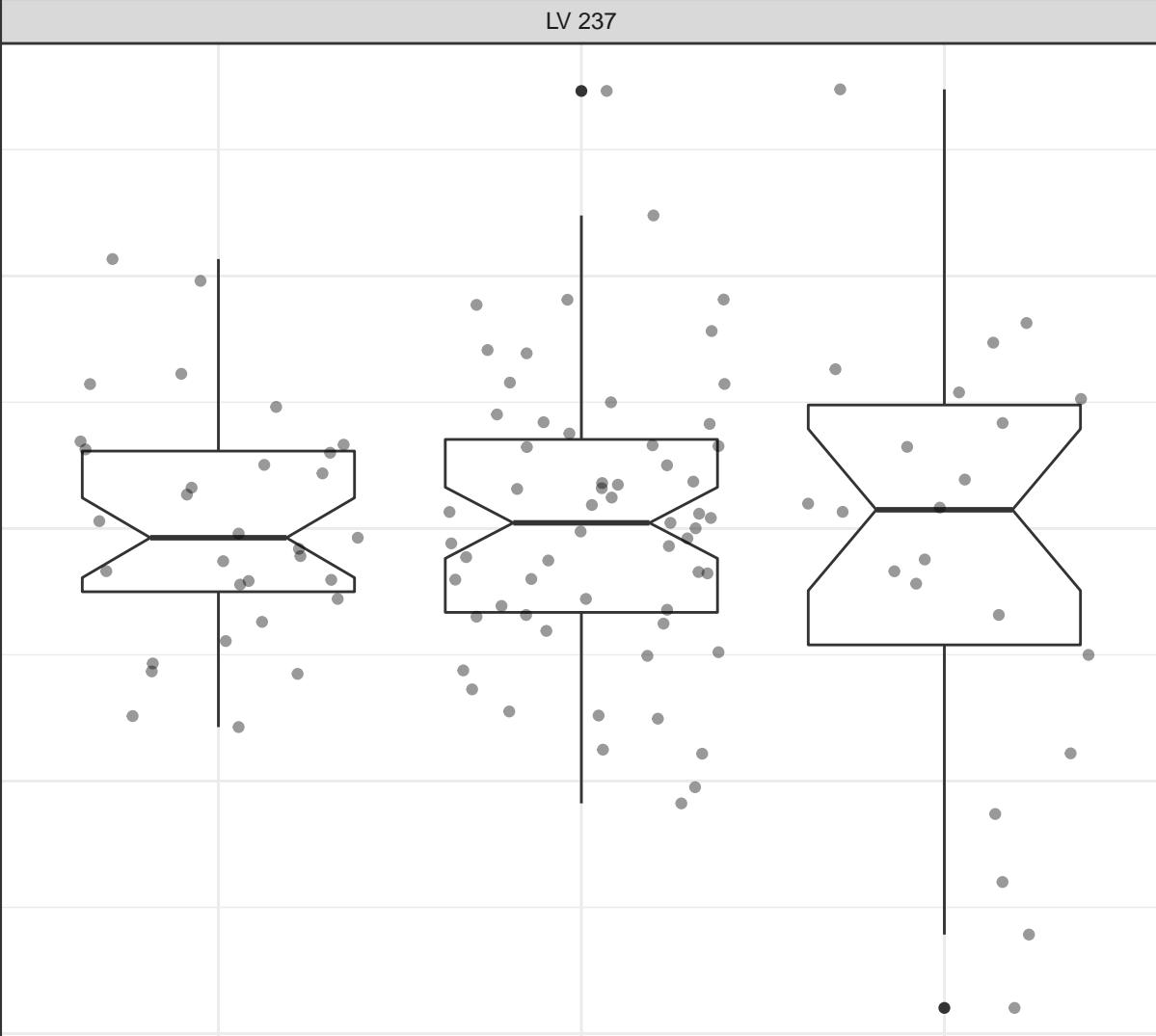
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

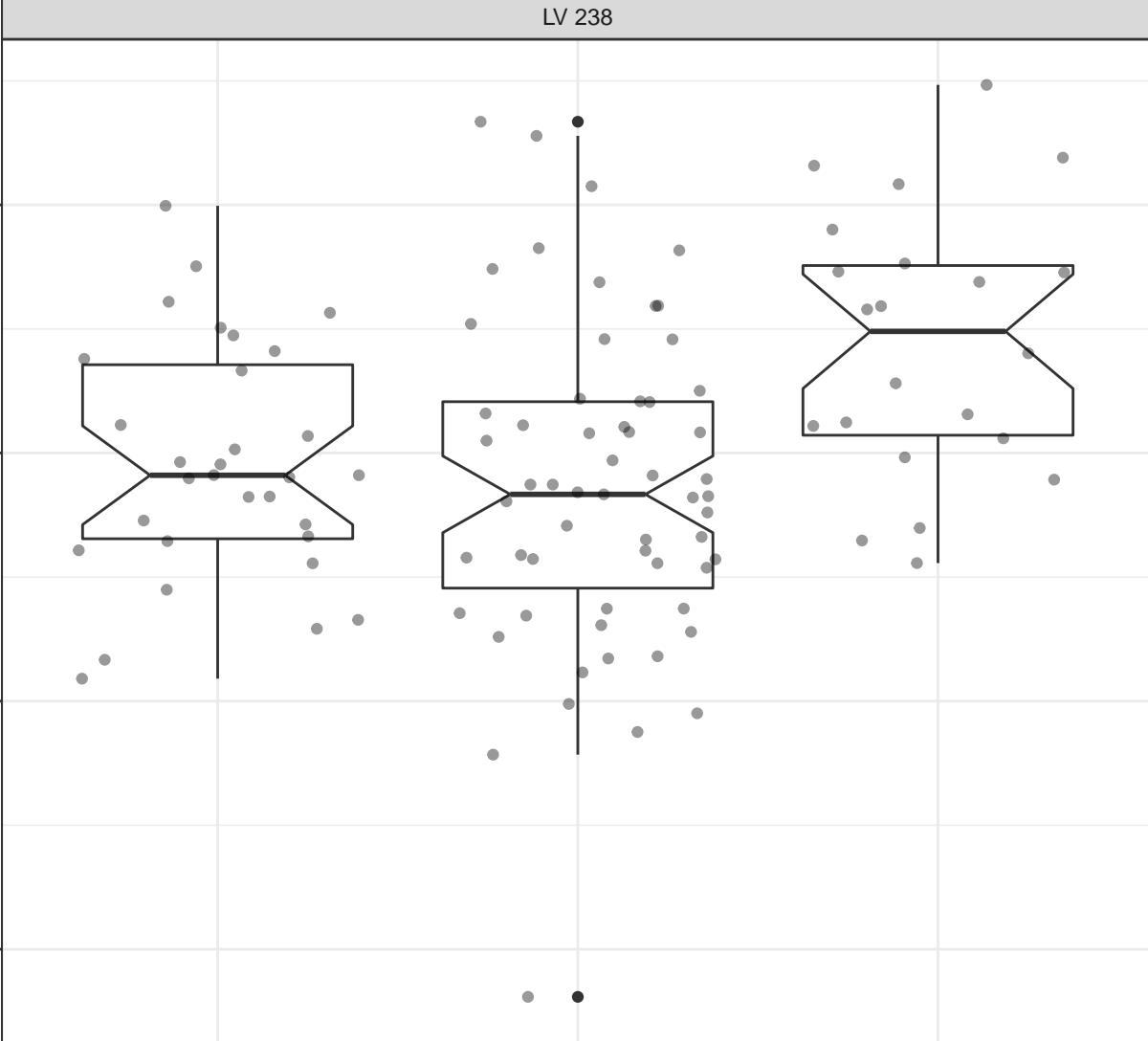
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 239

Value

0.05

0.00

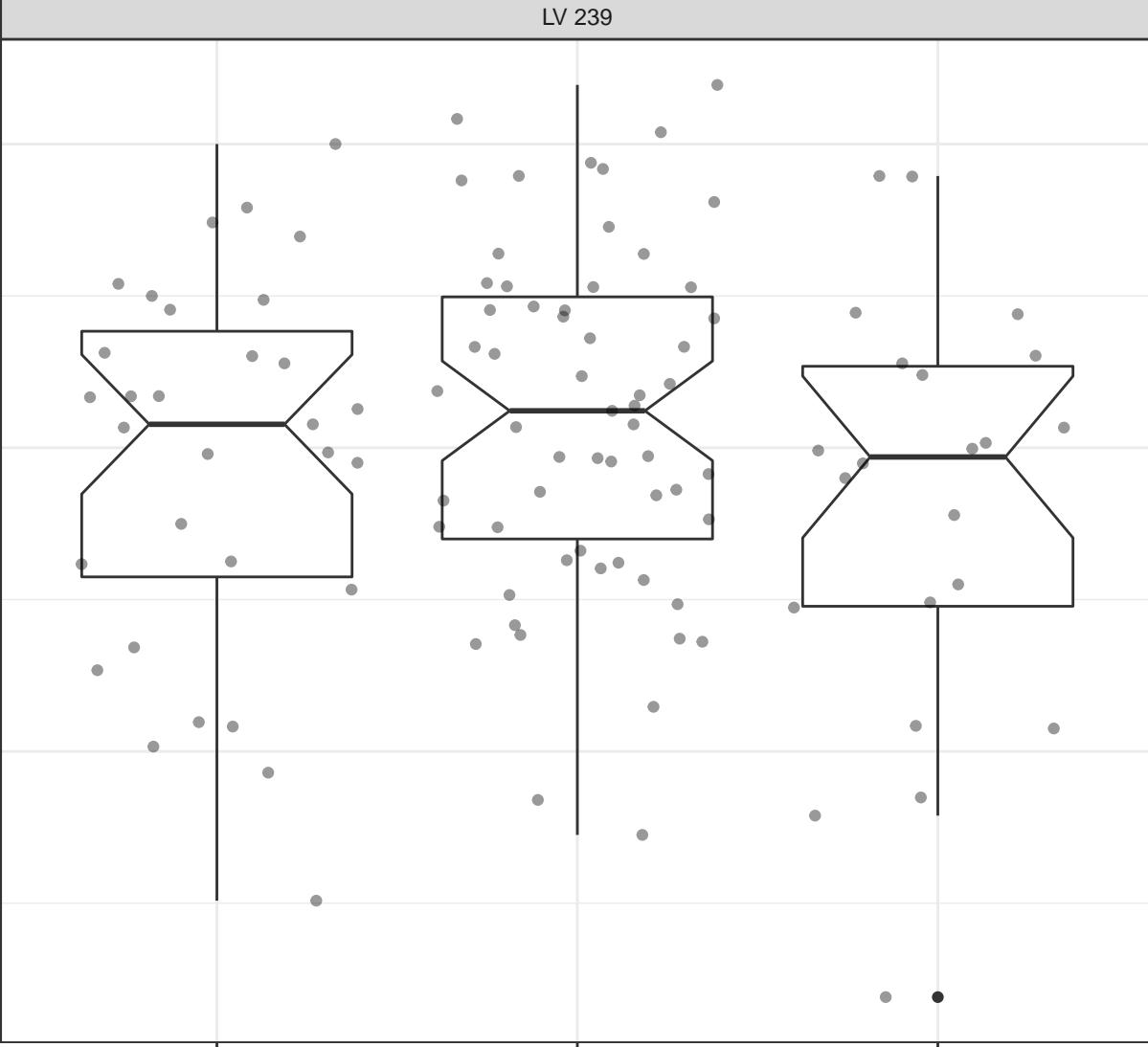
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.01

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 241

Value

0.10

0.05

0.00

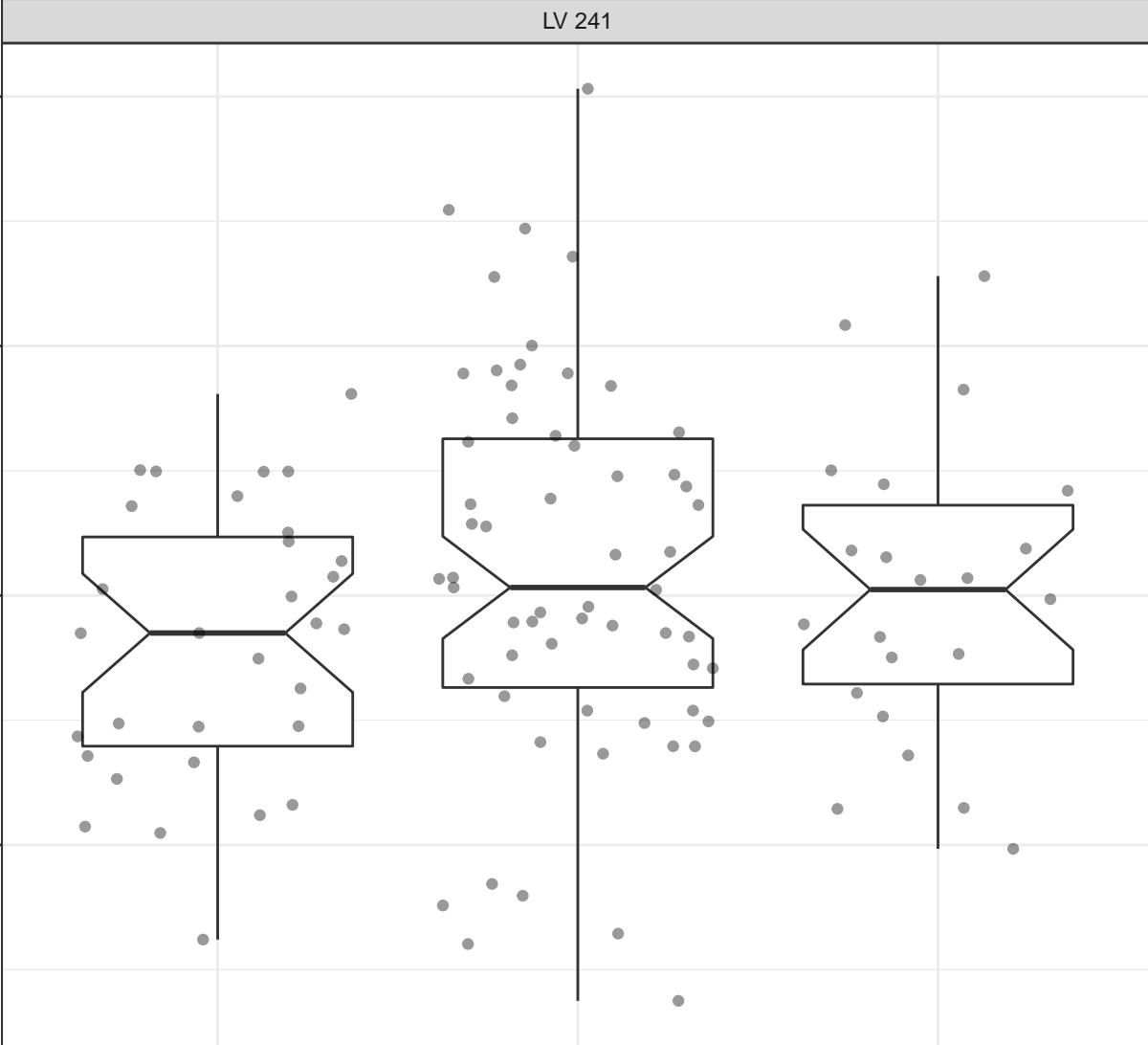
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 242

Value

0.03

0.01

-0.01

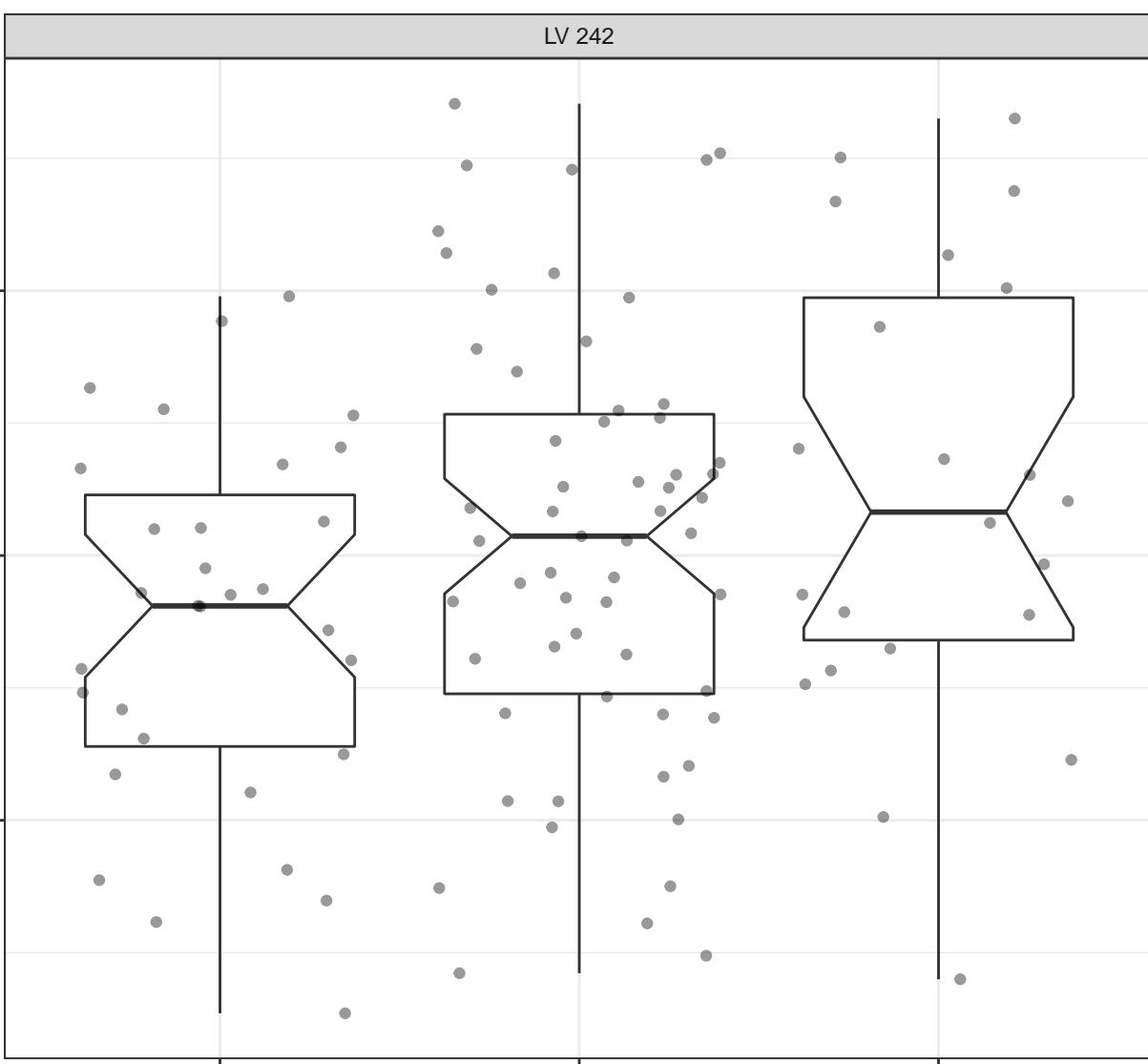
-0.03

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

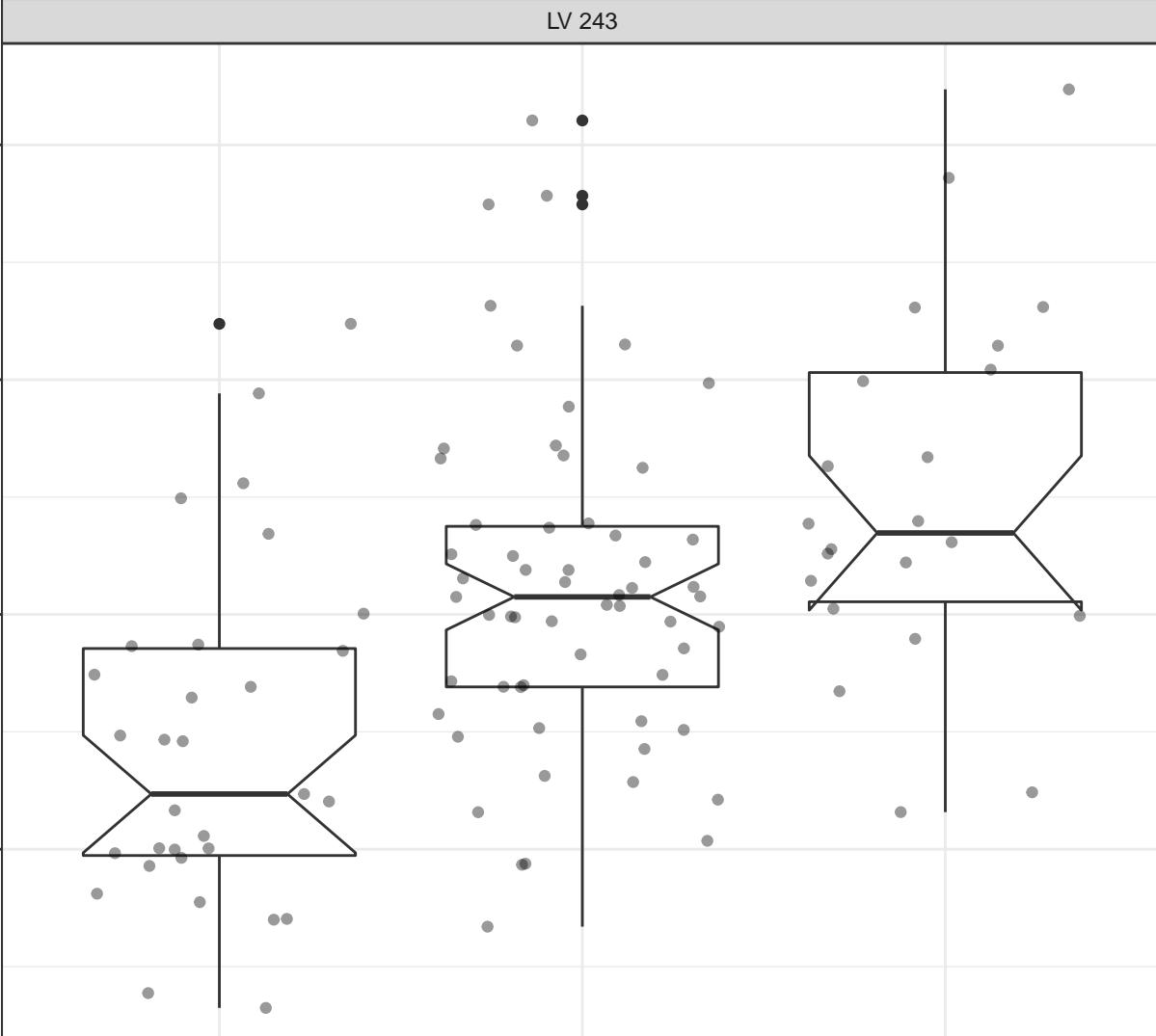
-0.05

Living donor control

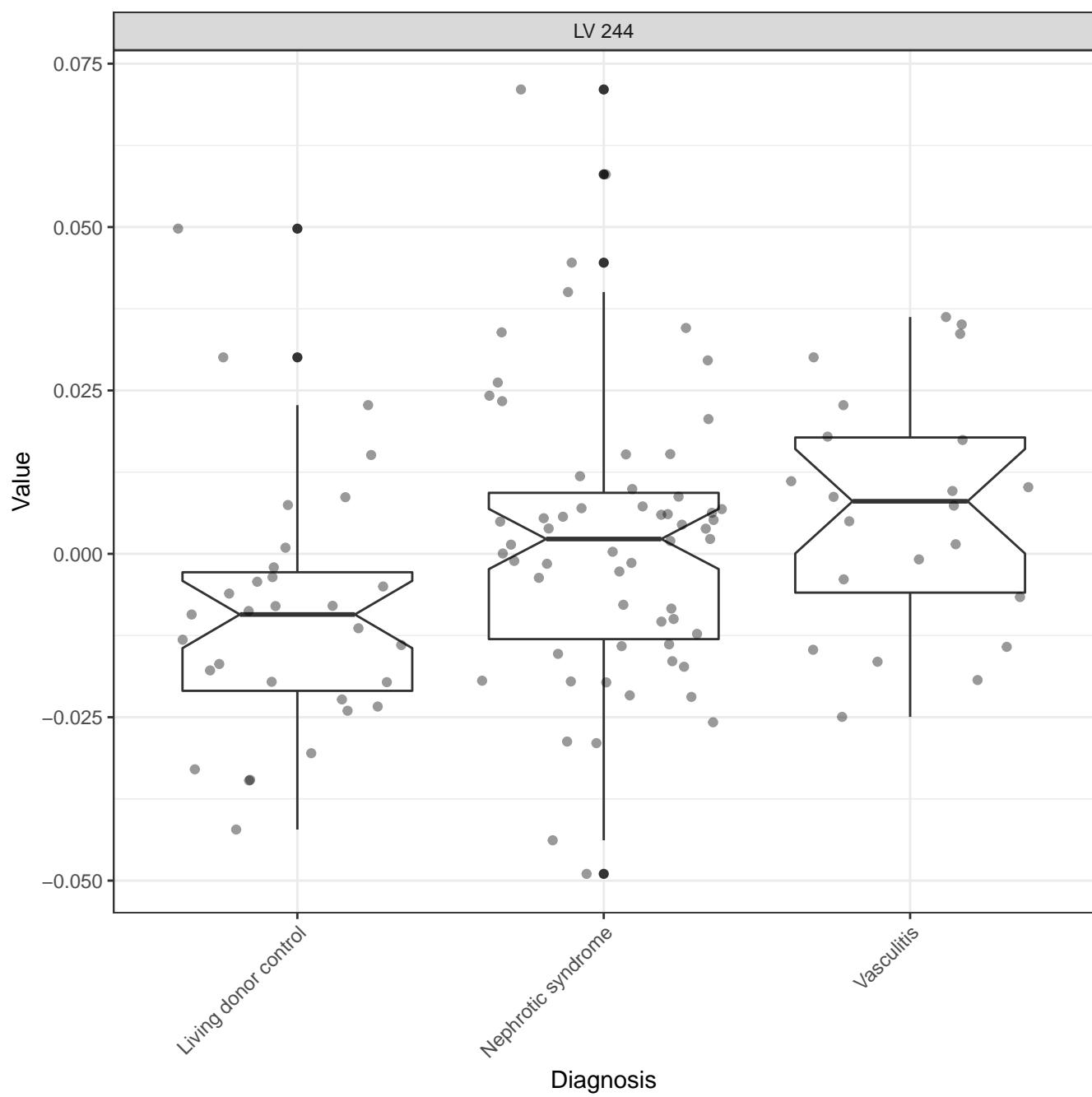
Nephrotic syndrome

Vasculitis

Diagnosis



LV 244



Value

0.10

0.05

0.00

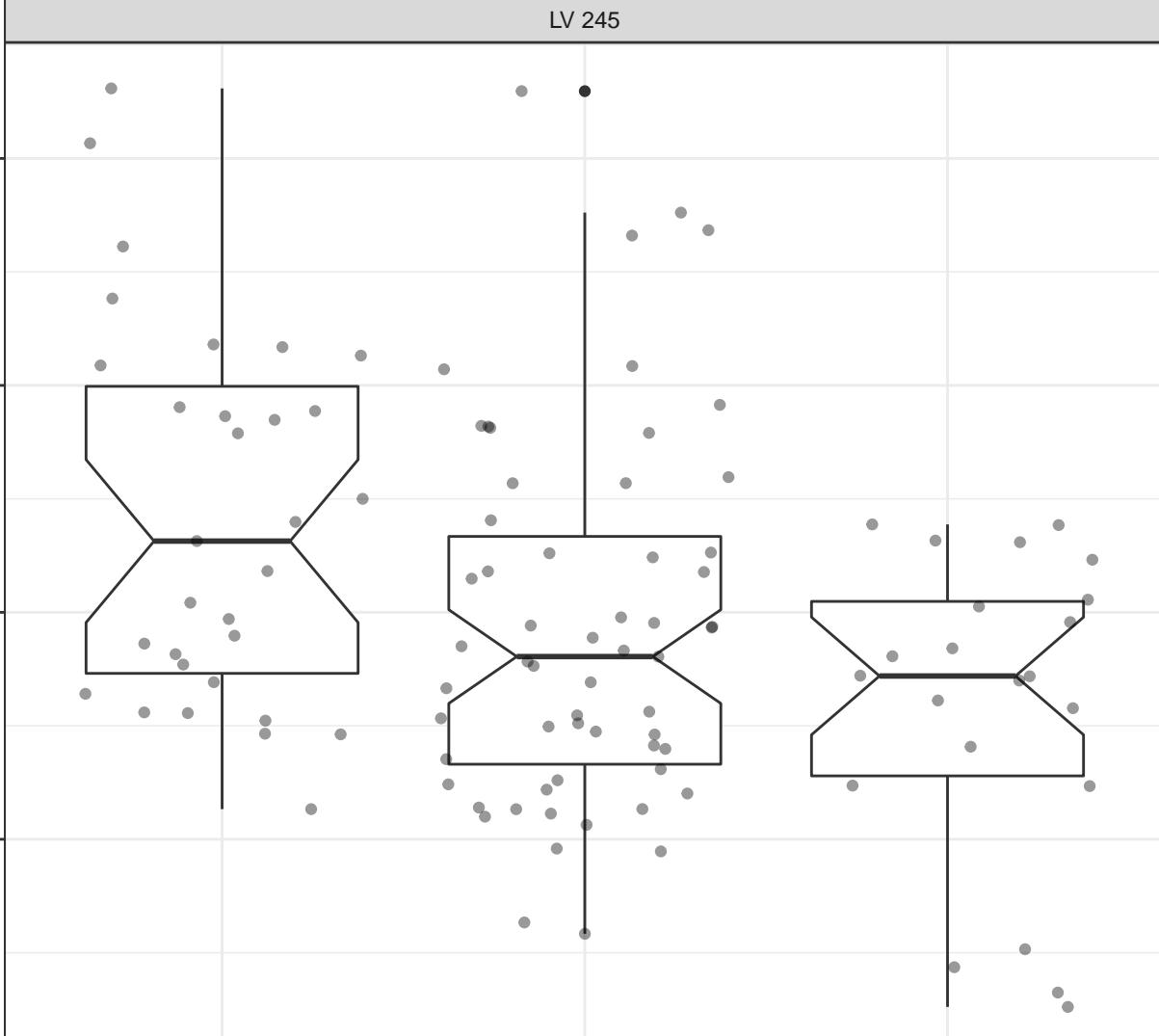
-0.05

Living donor control

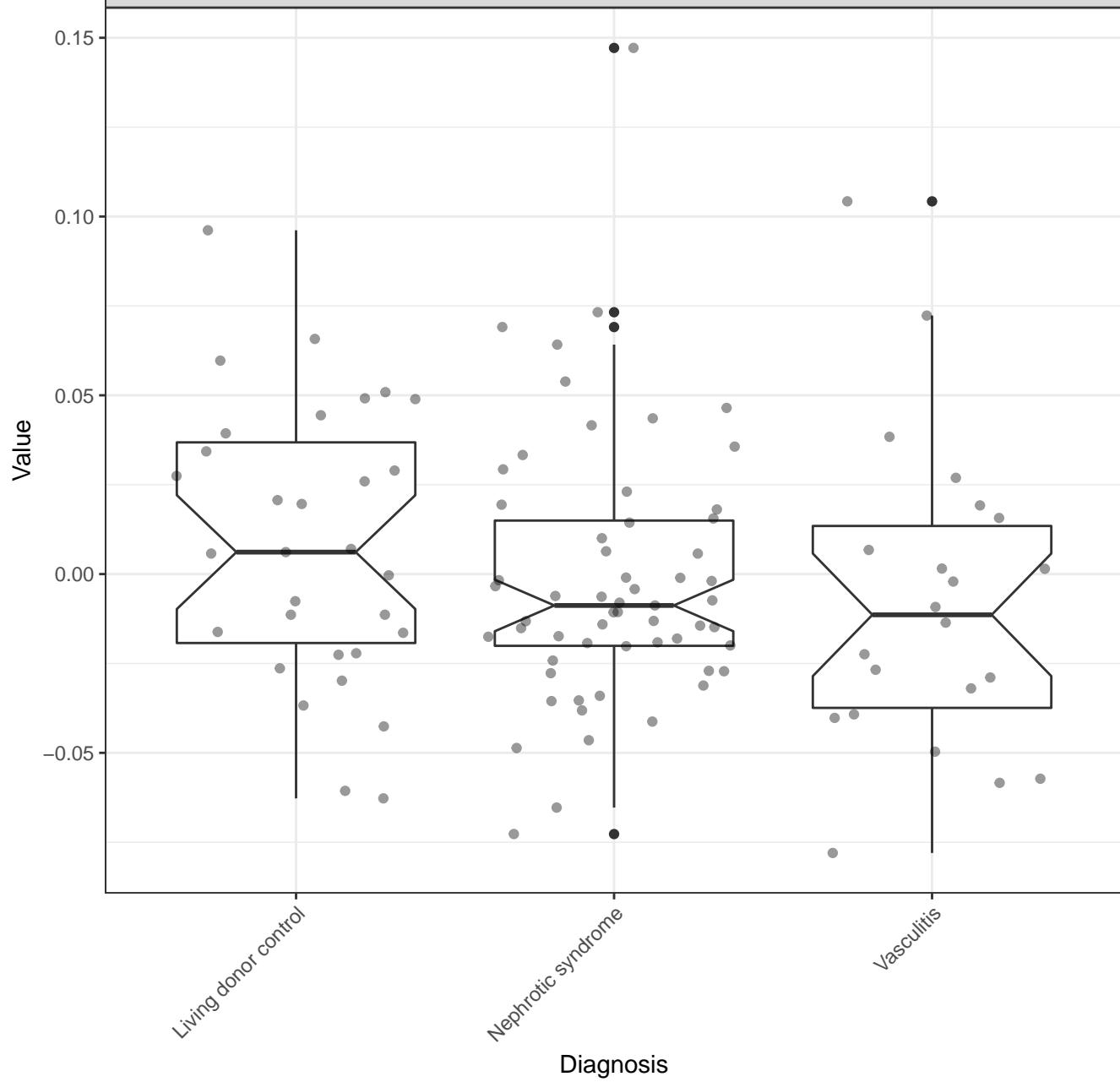
Nephrotic syndrome

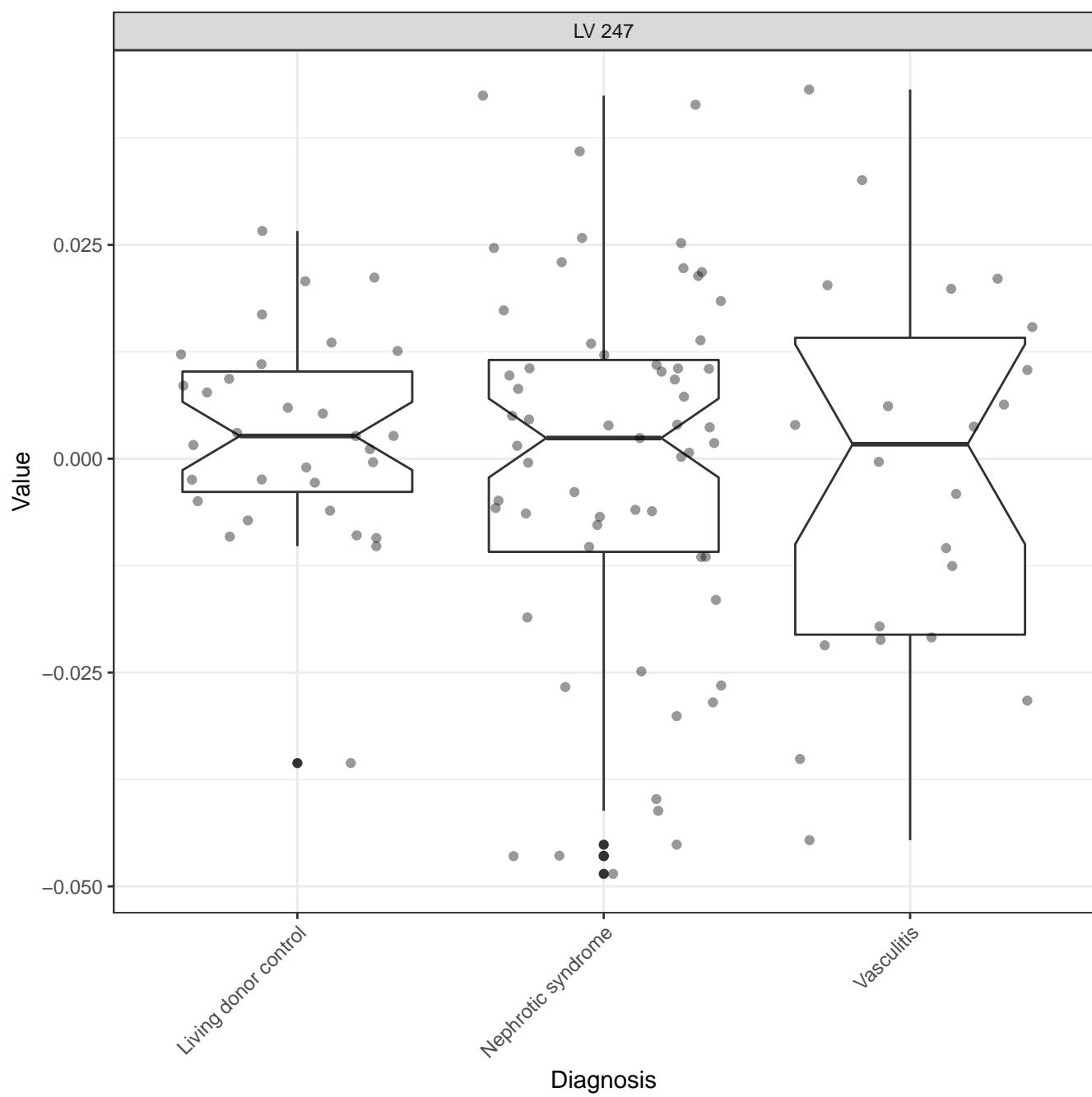
Vasculitis

Diagnosis

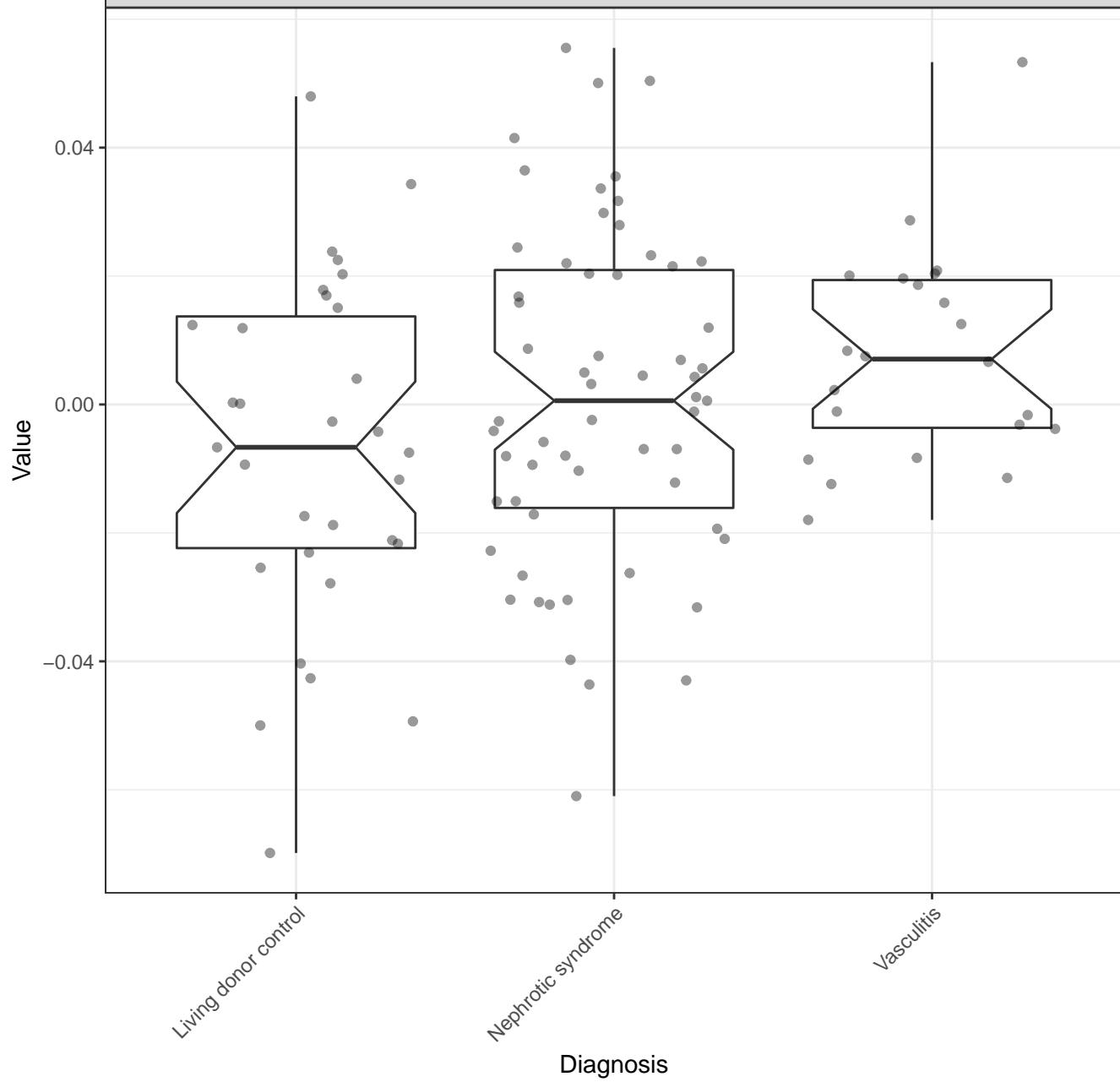


## 246,REACTOME\_TRIGLYCERIDE BIOSYNTHESIS





LV 248



LV 249

Value

0.15

0.10

0.05

0.00

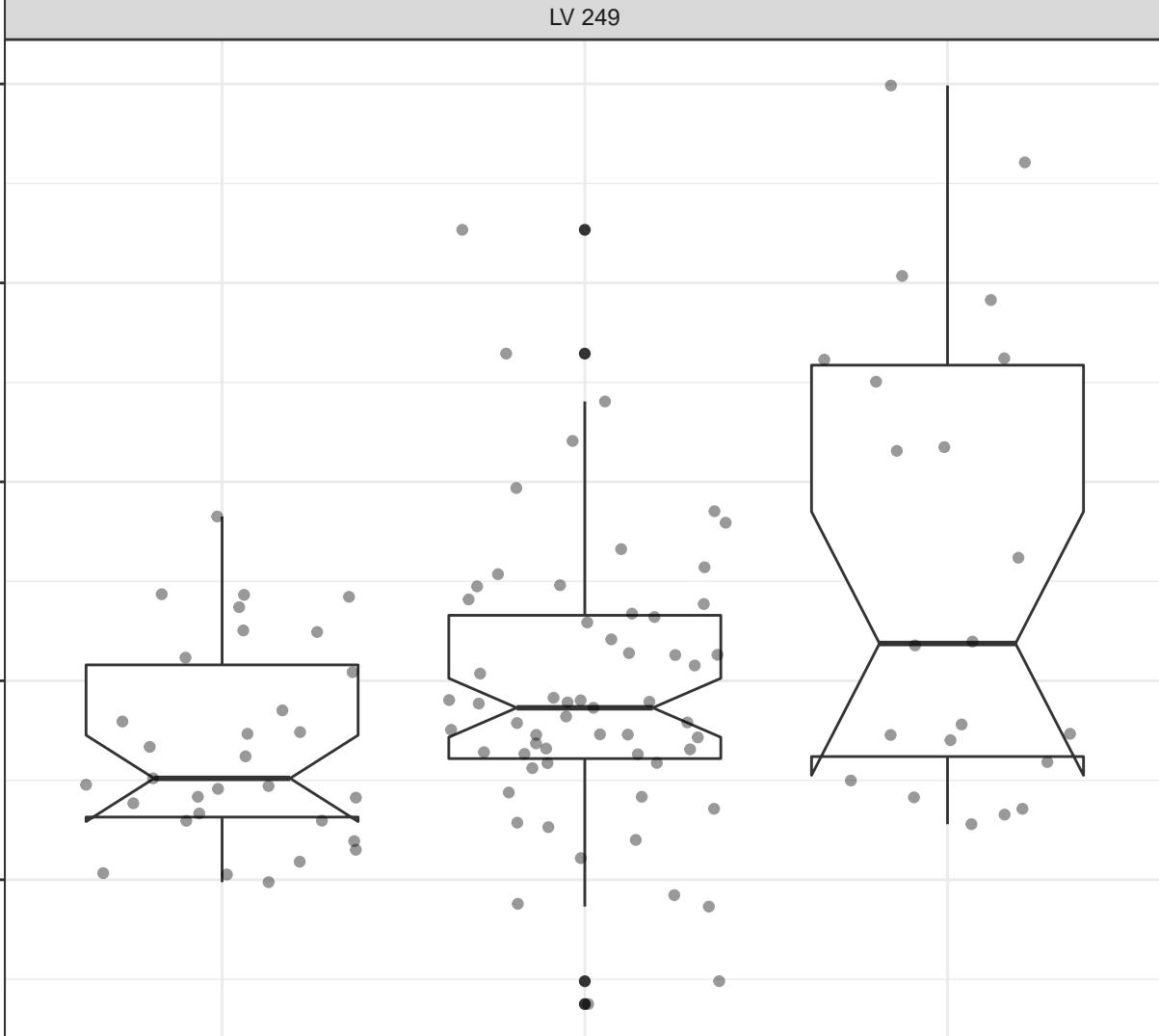
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 250

Value

0.10

0.05

0.00

-0.05

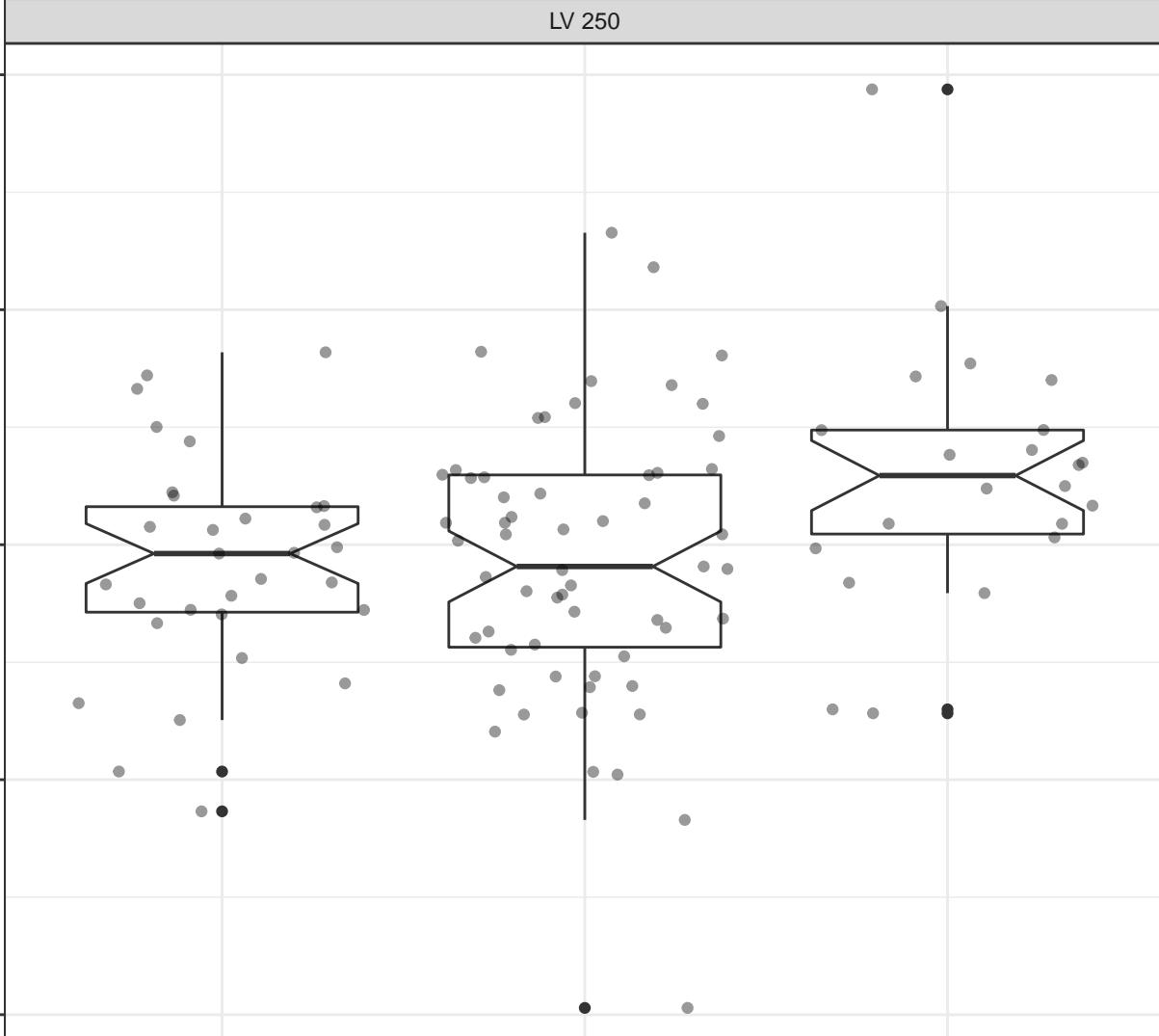
-0.10

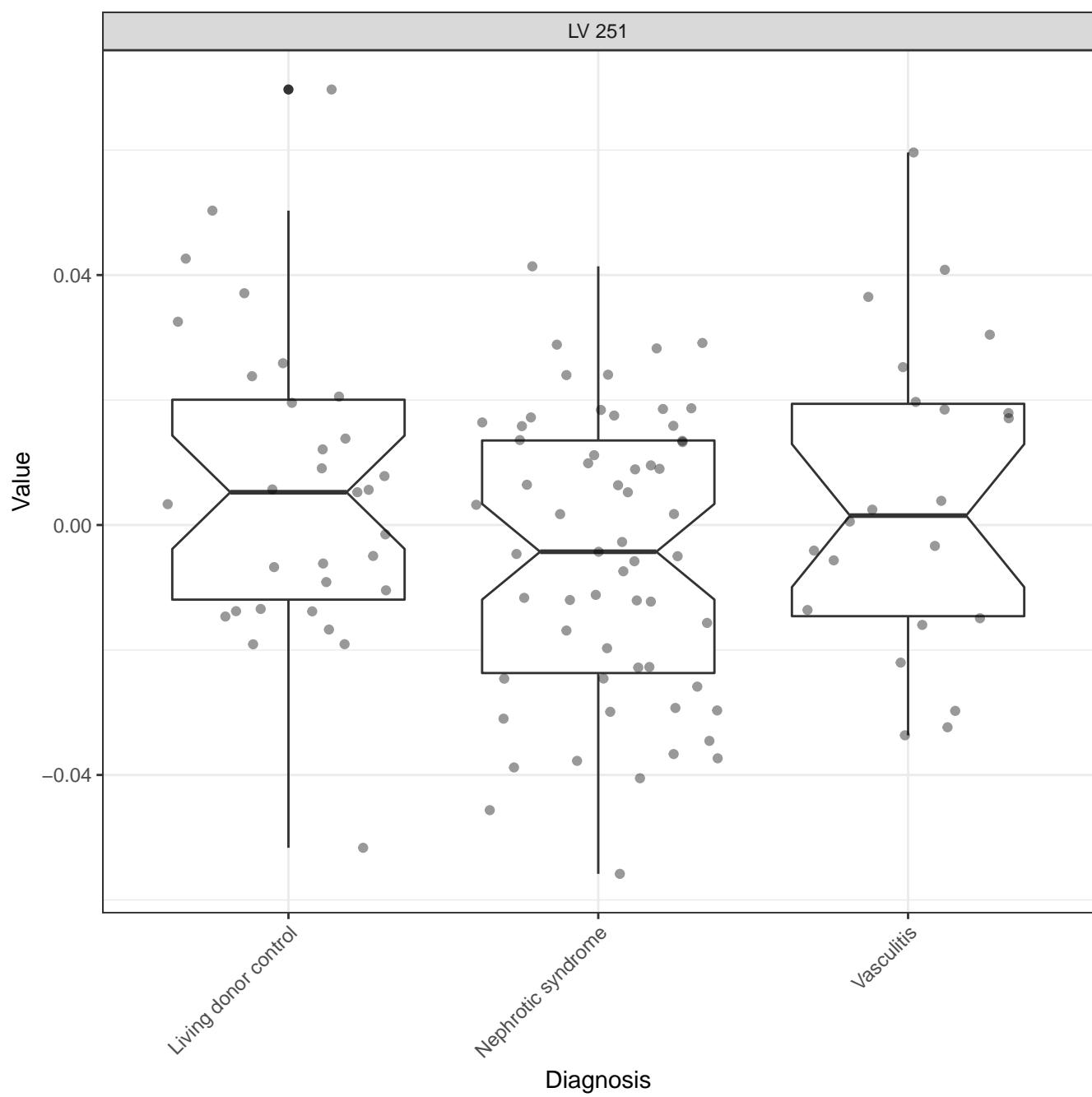
Living donor control

Nephrotic syndrome

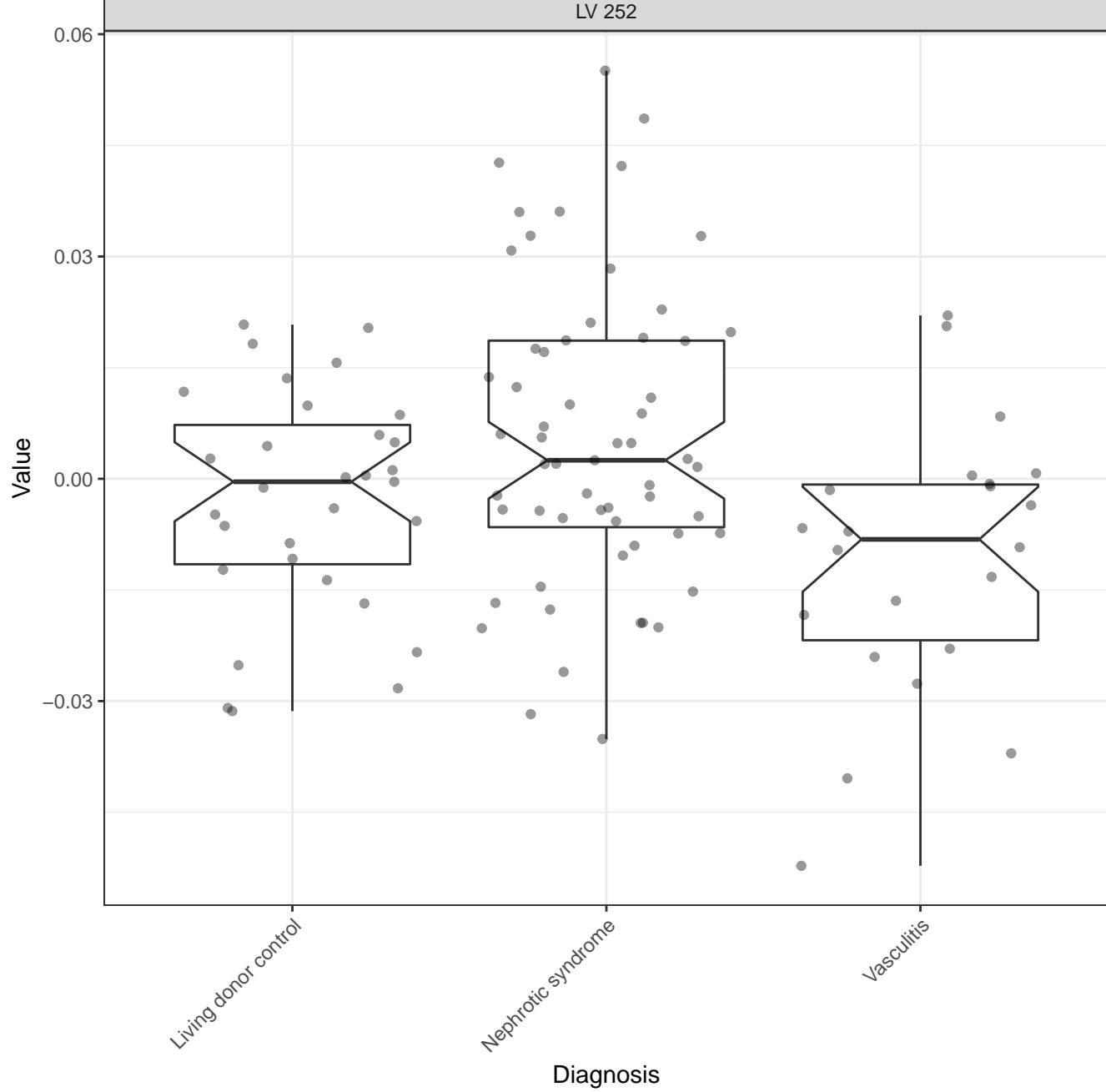
Vasculitis

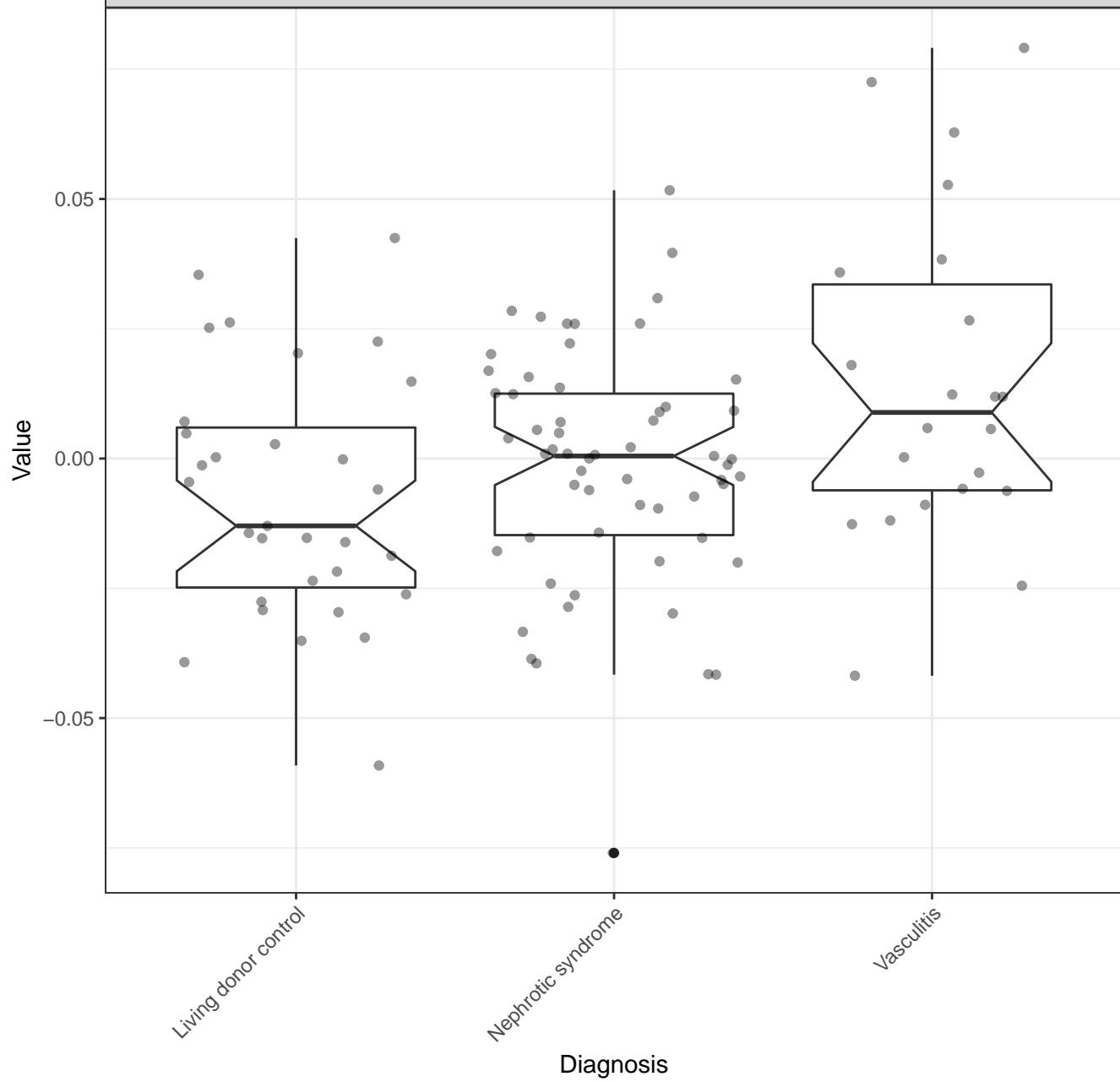
Diagnosis





LV 252





LV 254

Value

0.05

0.00

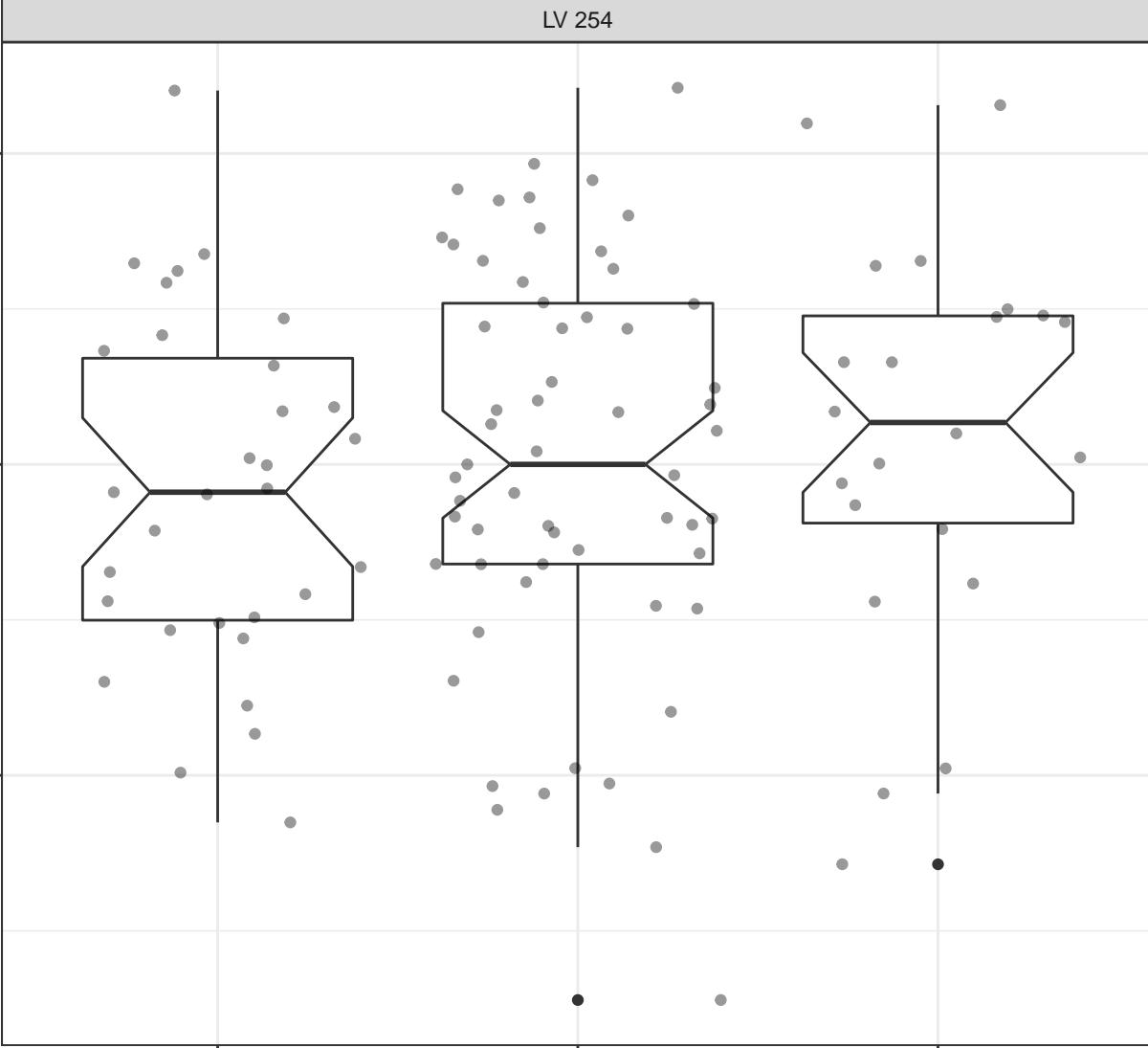
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

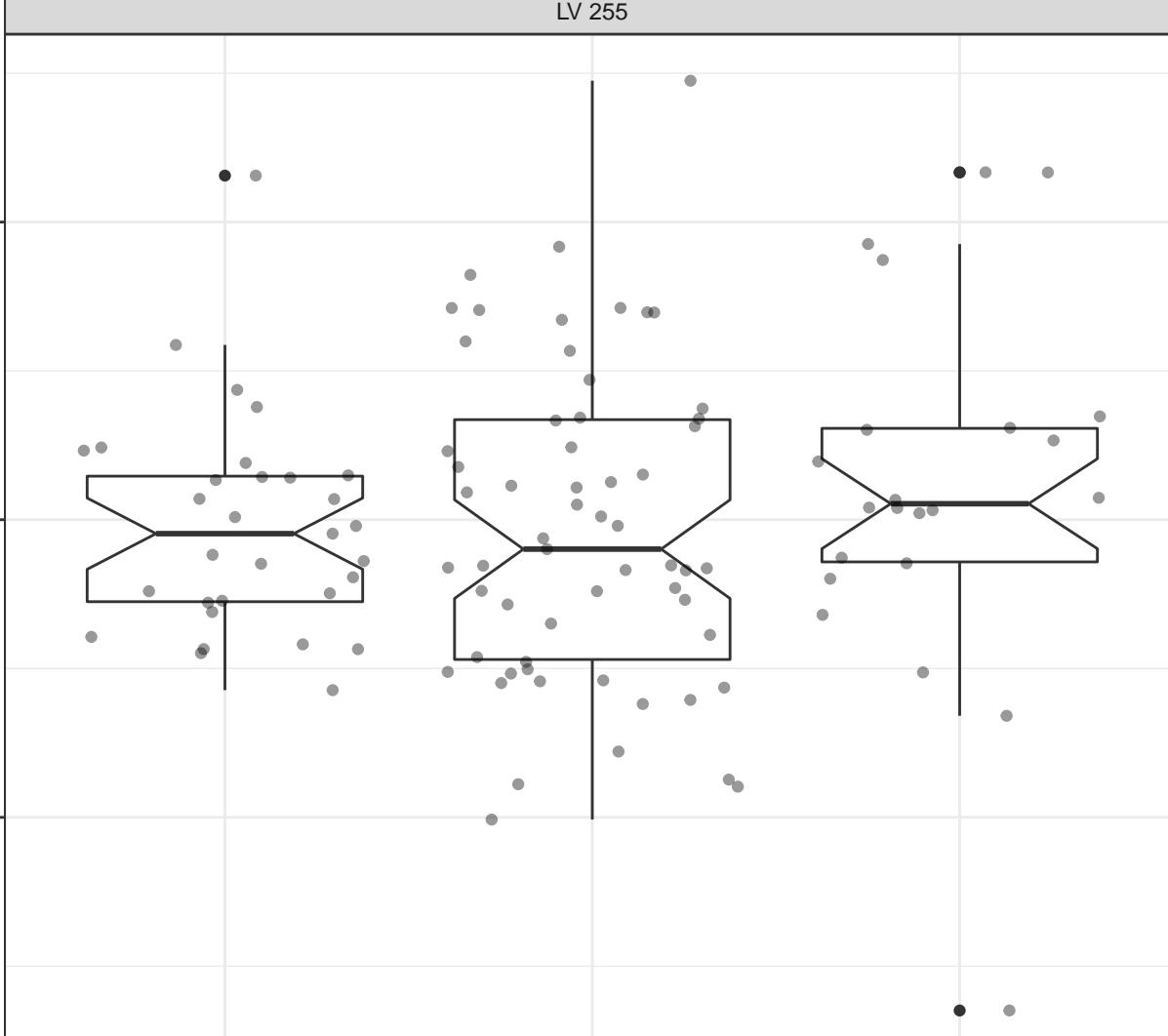
-0.05

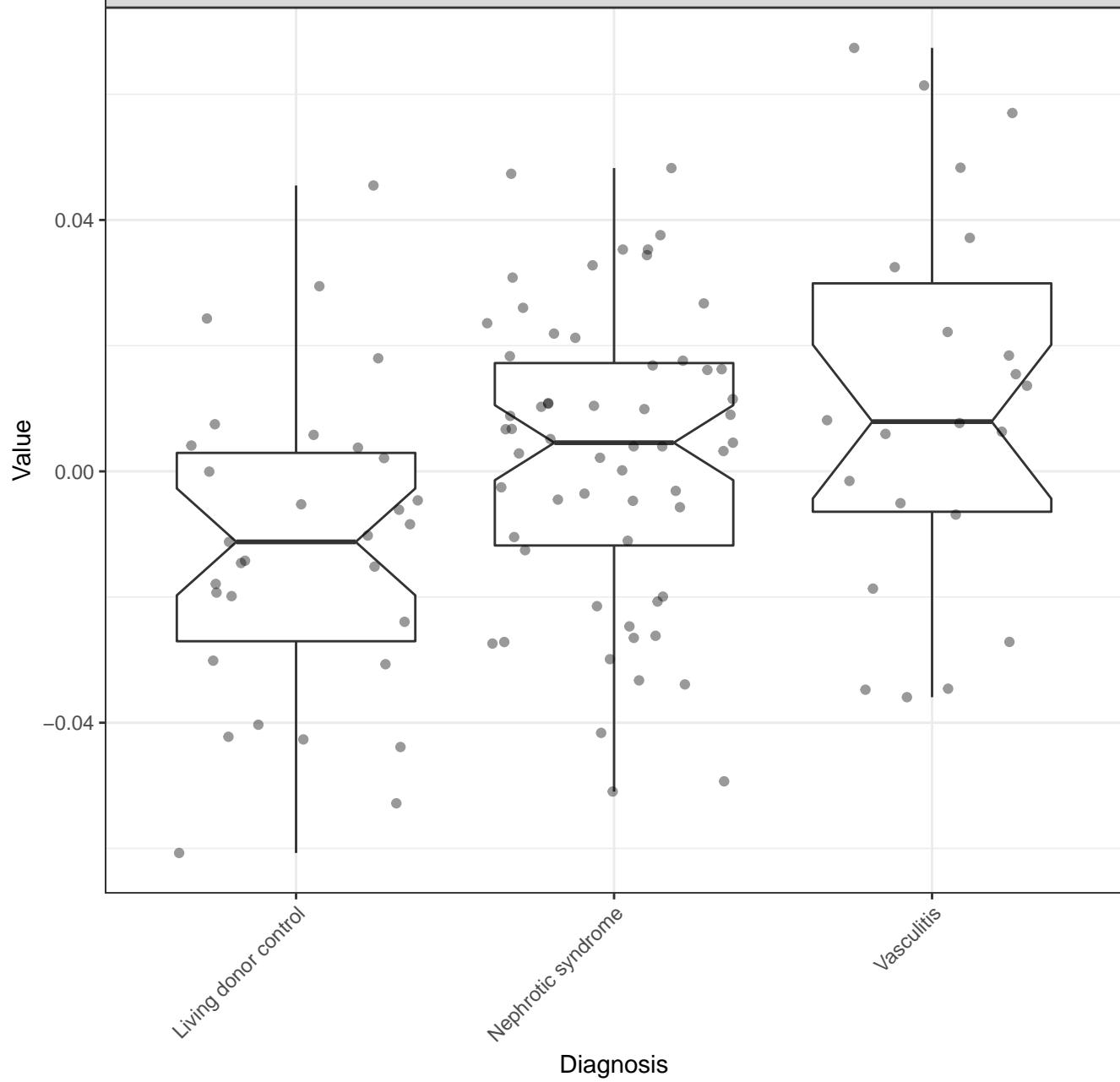
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





# 257,KEGG\_DILATED\_CARDIOMYOPATHY

Value

0.10

0.05

0.00

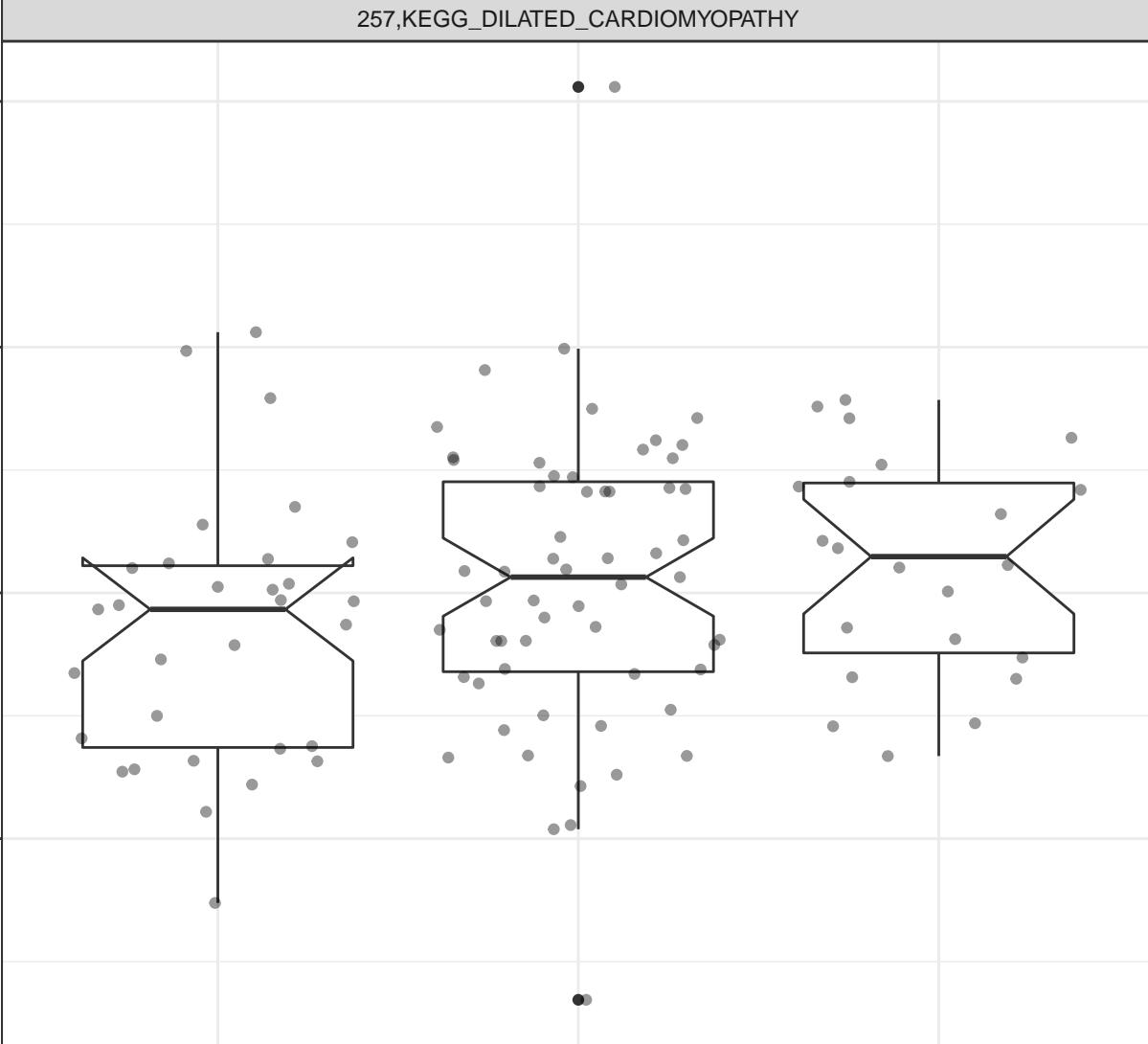
-0.05

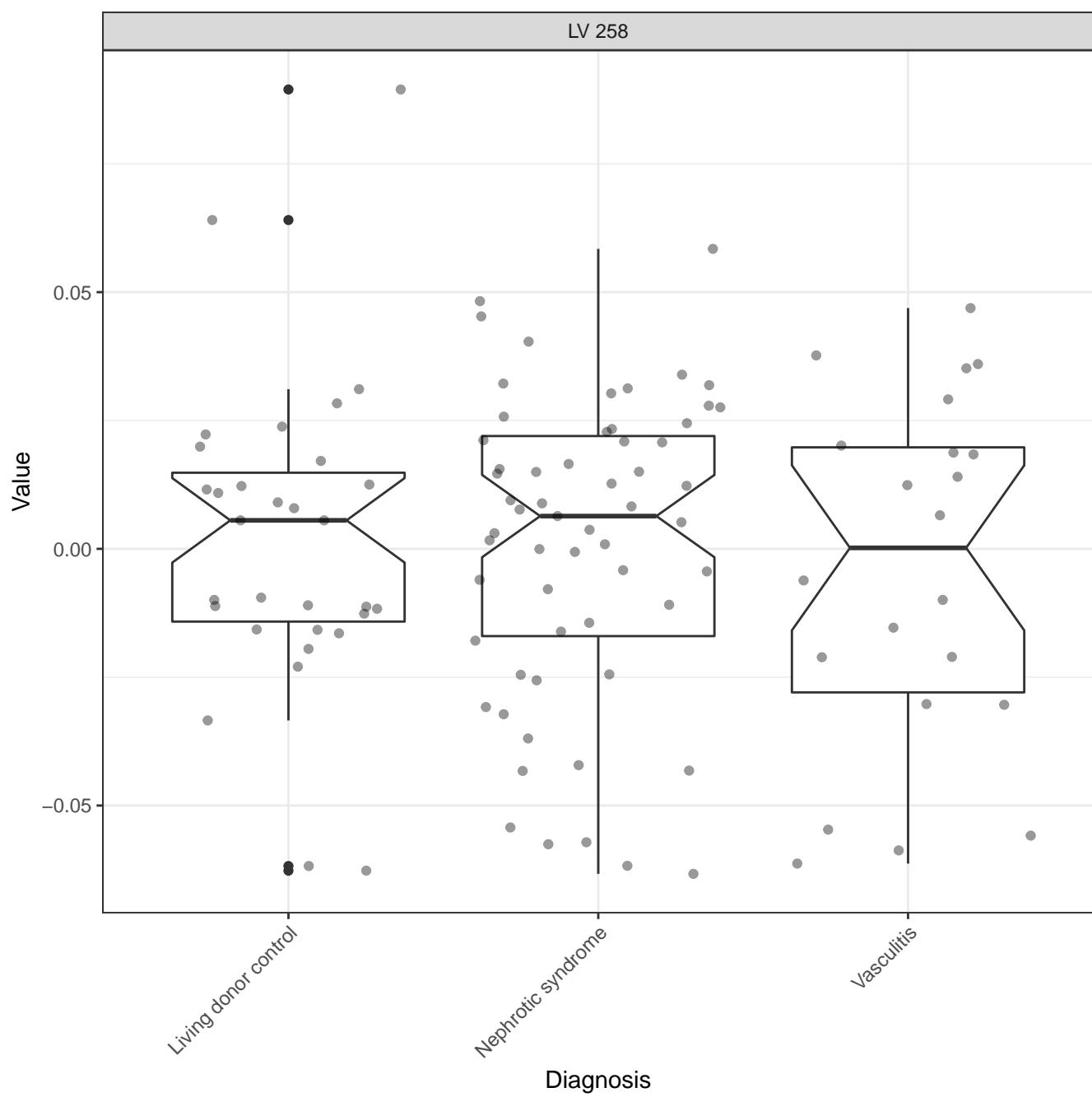
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 259

Value

0.05

0.01

-0.05

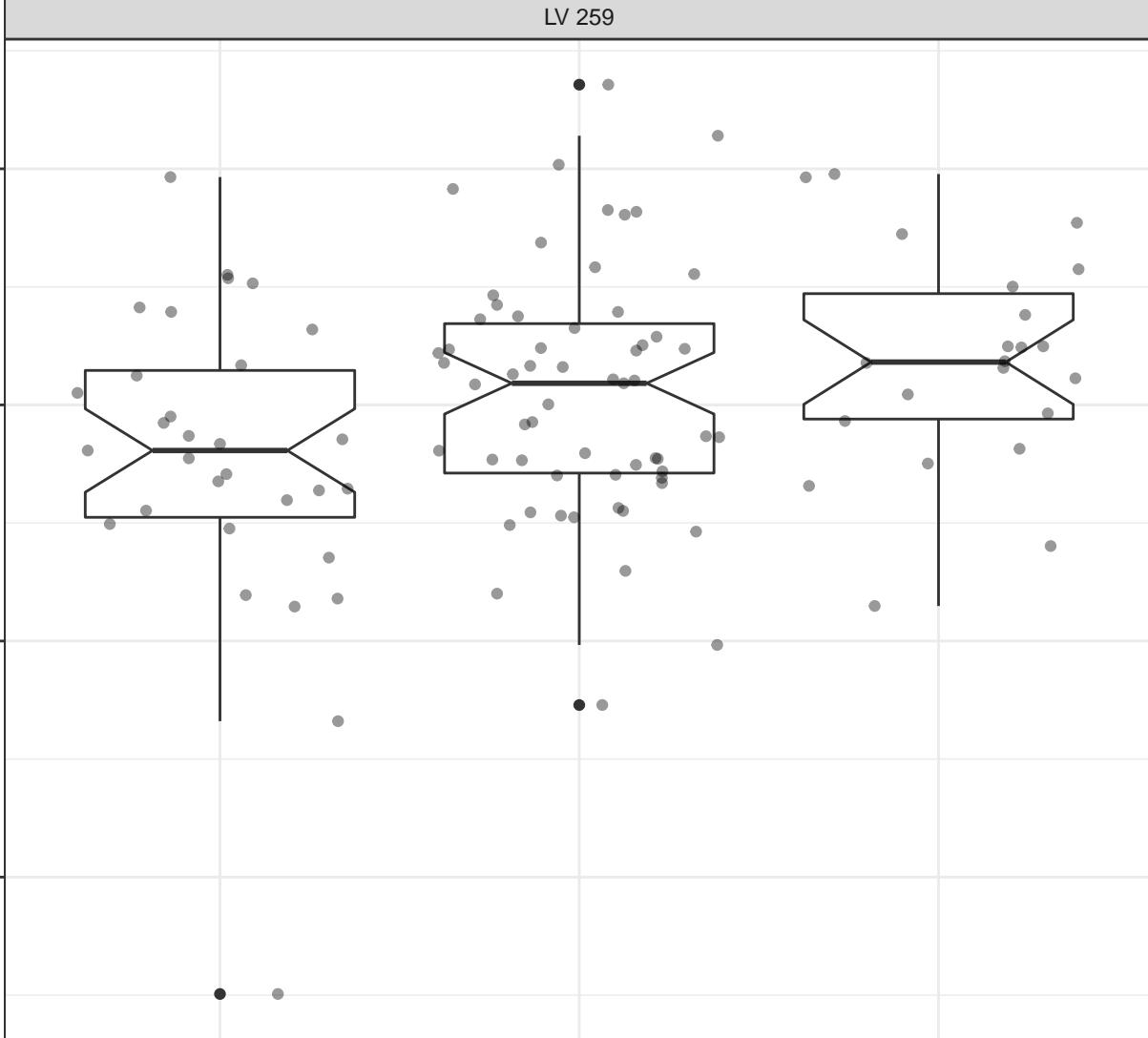
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

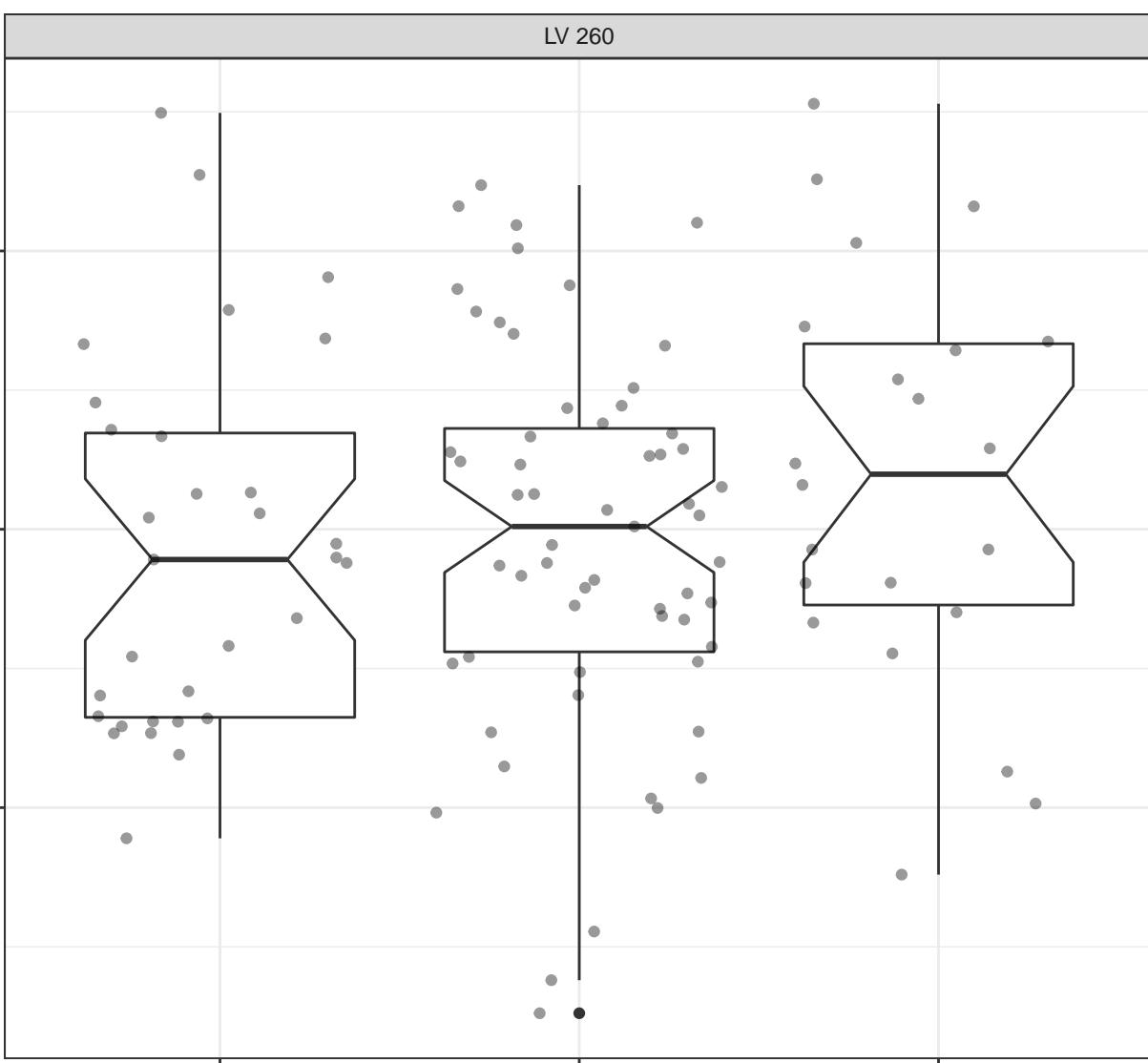
-0.04

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

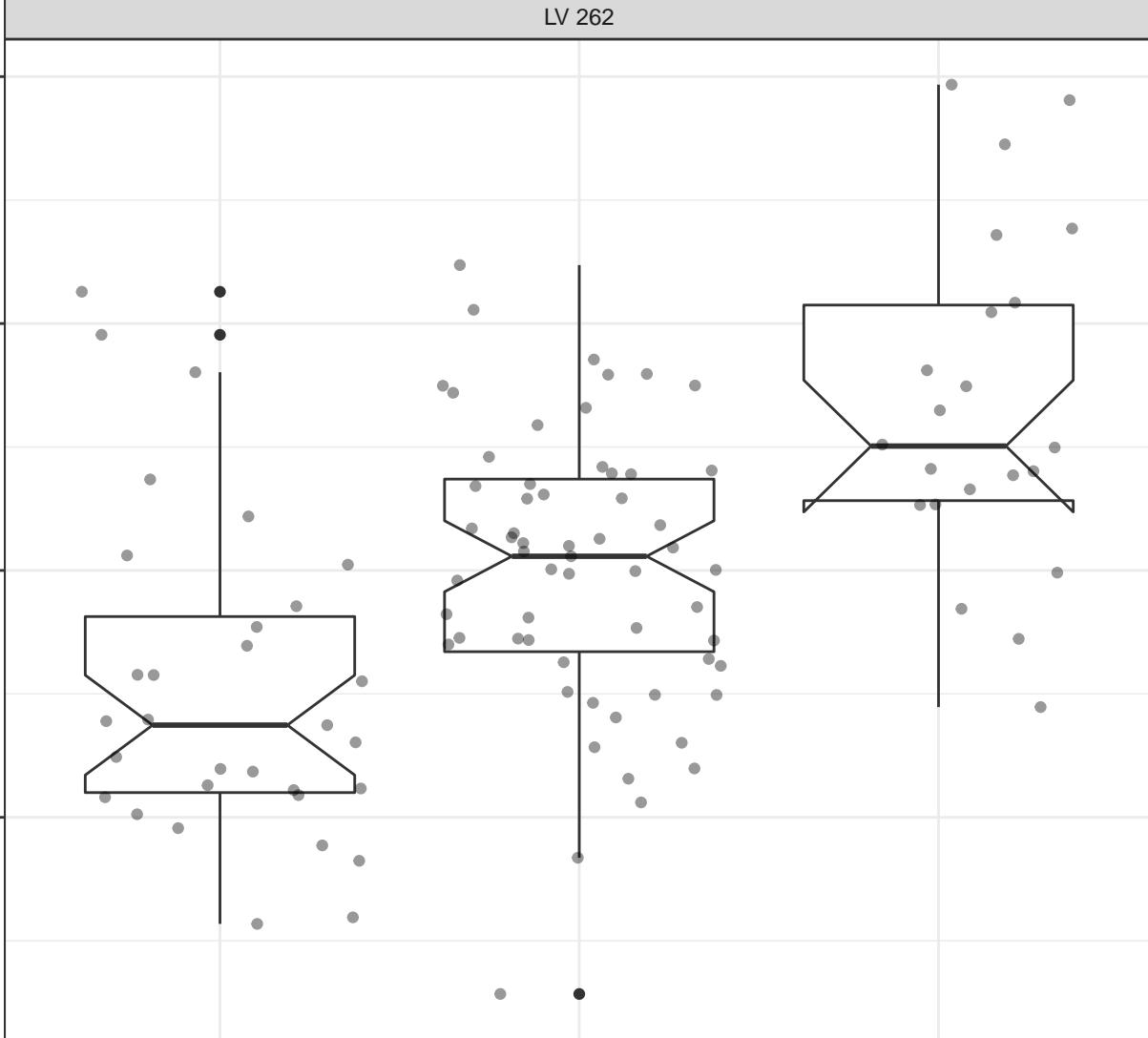
-0.03

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

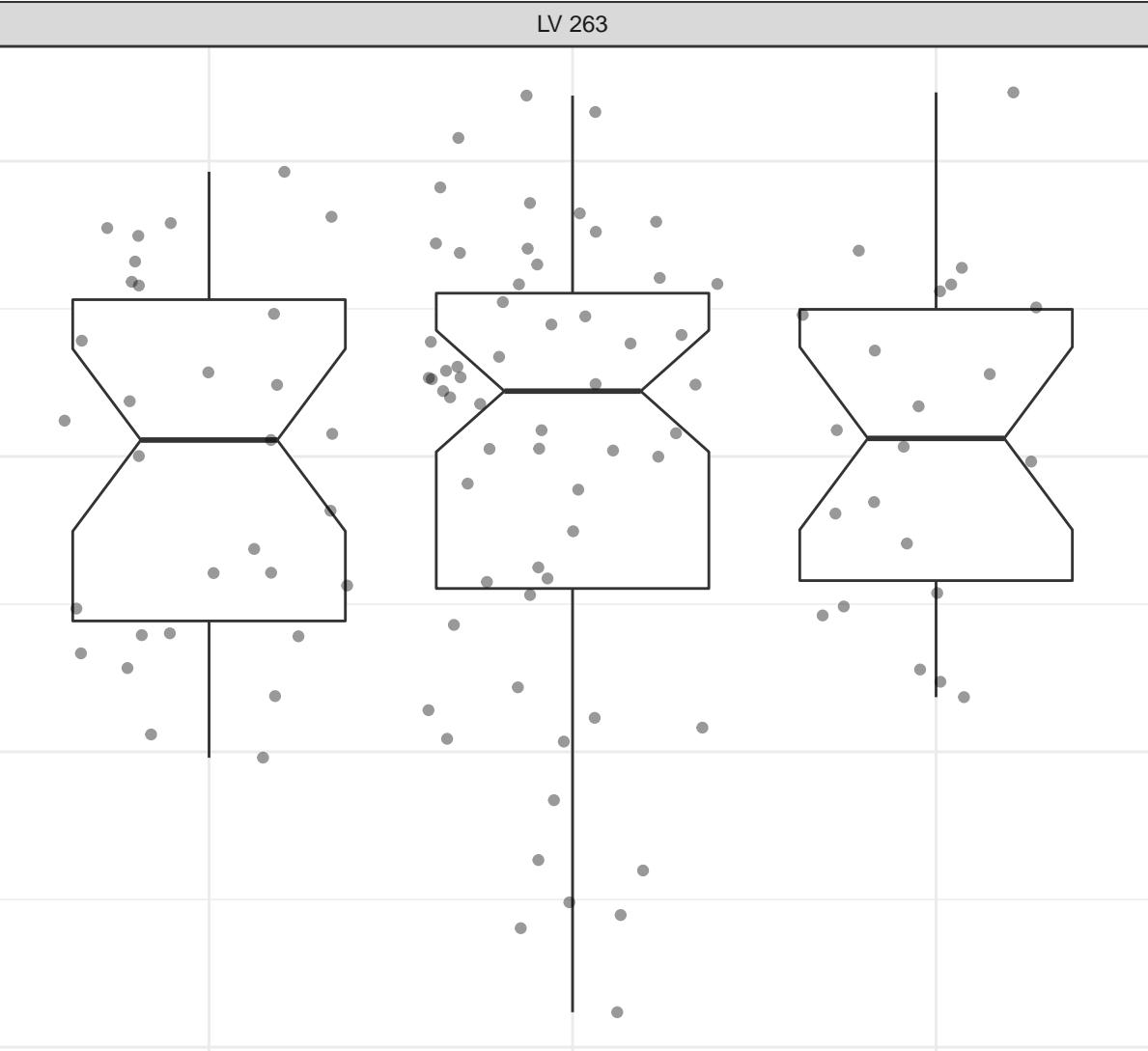
-0.10

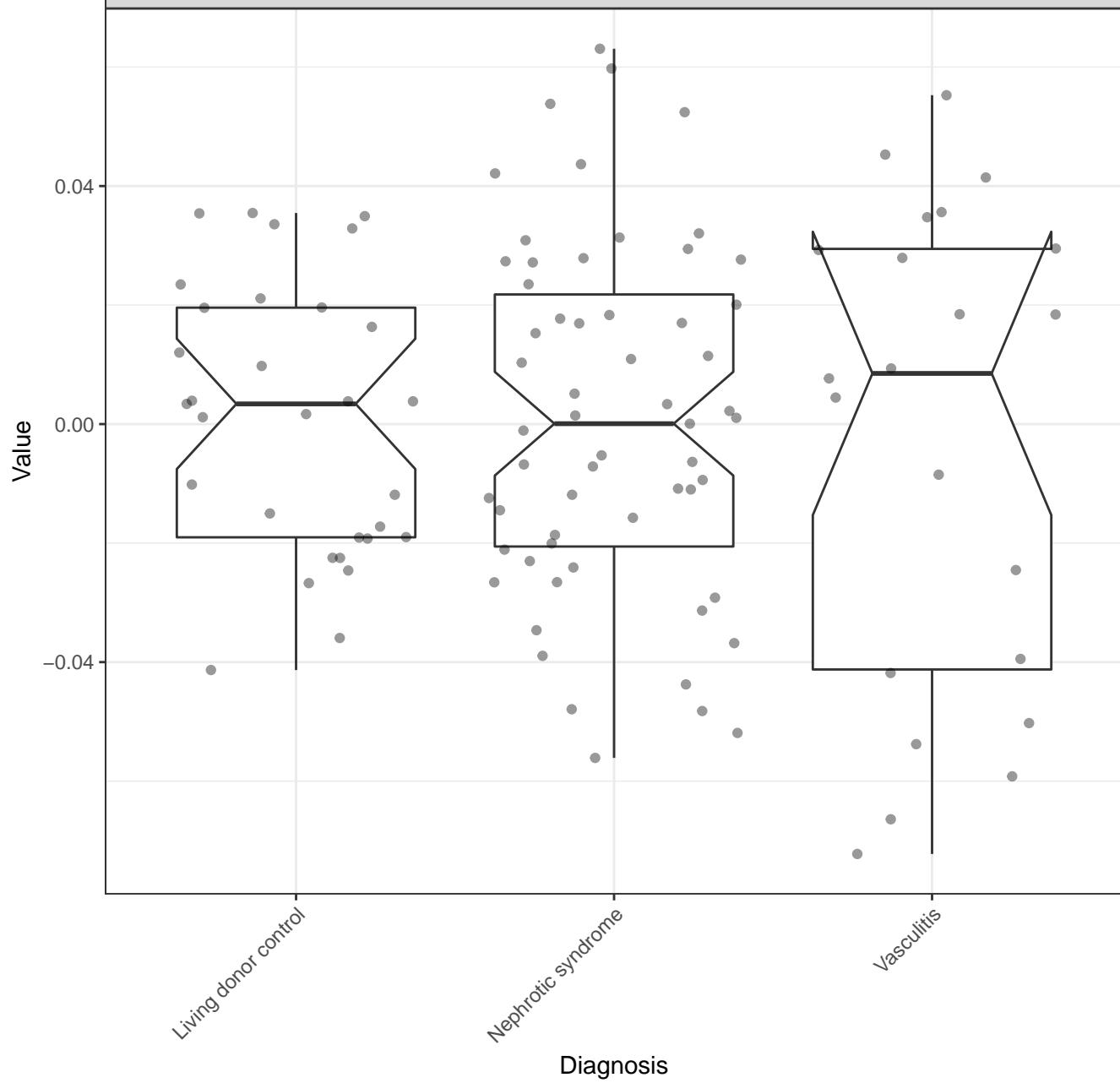
Living donor control

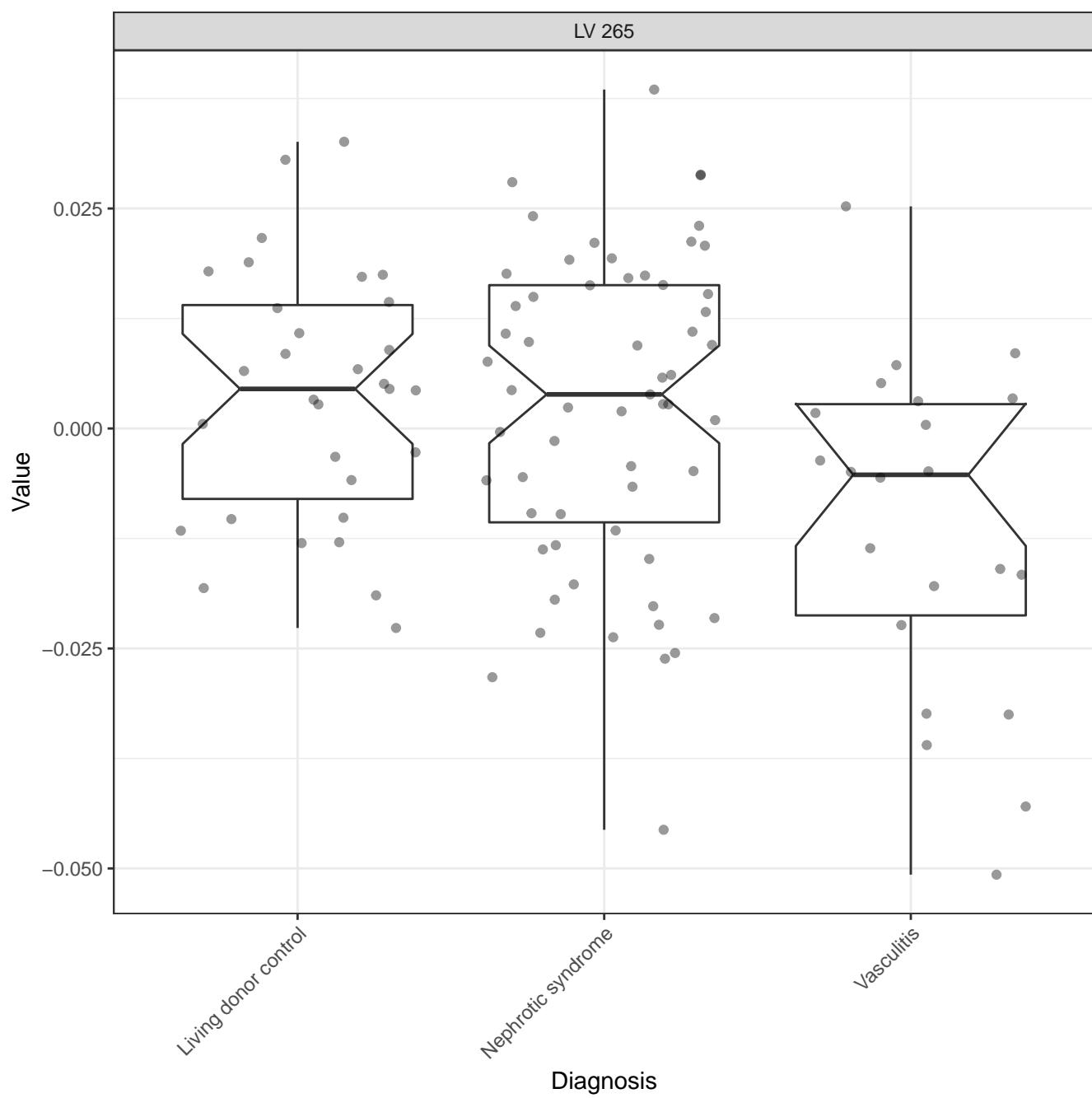
Nephrotic syndrome

Vasculitis

Diagnosis







## 266,PID\_FASPATHWAY

Value

0.04

0.01

-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.05

0.00

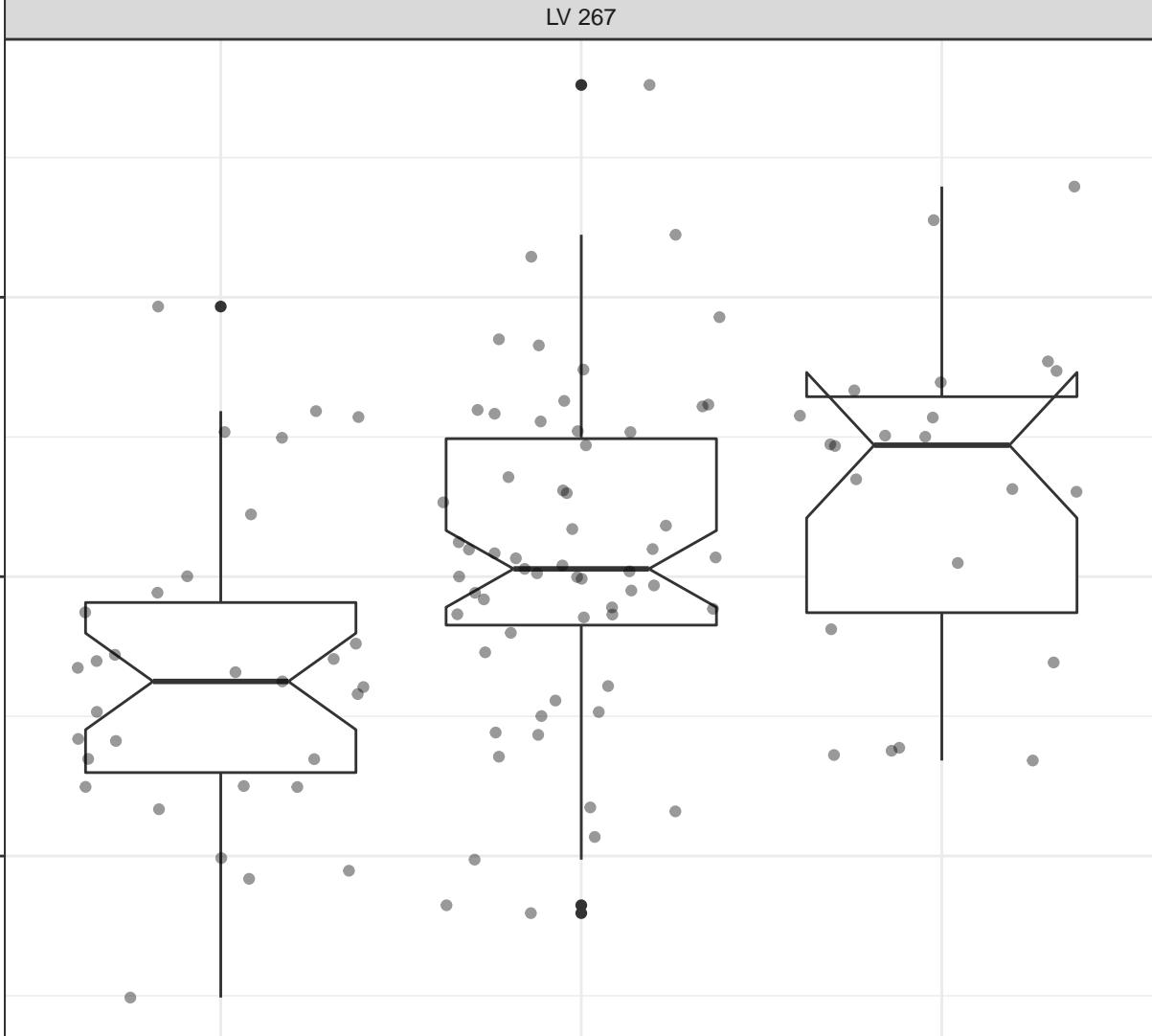
-0.05

Living donor control

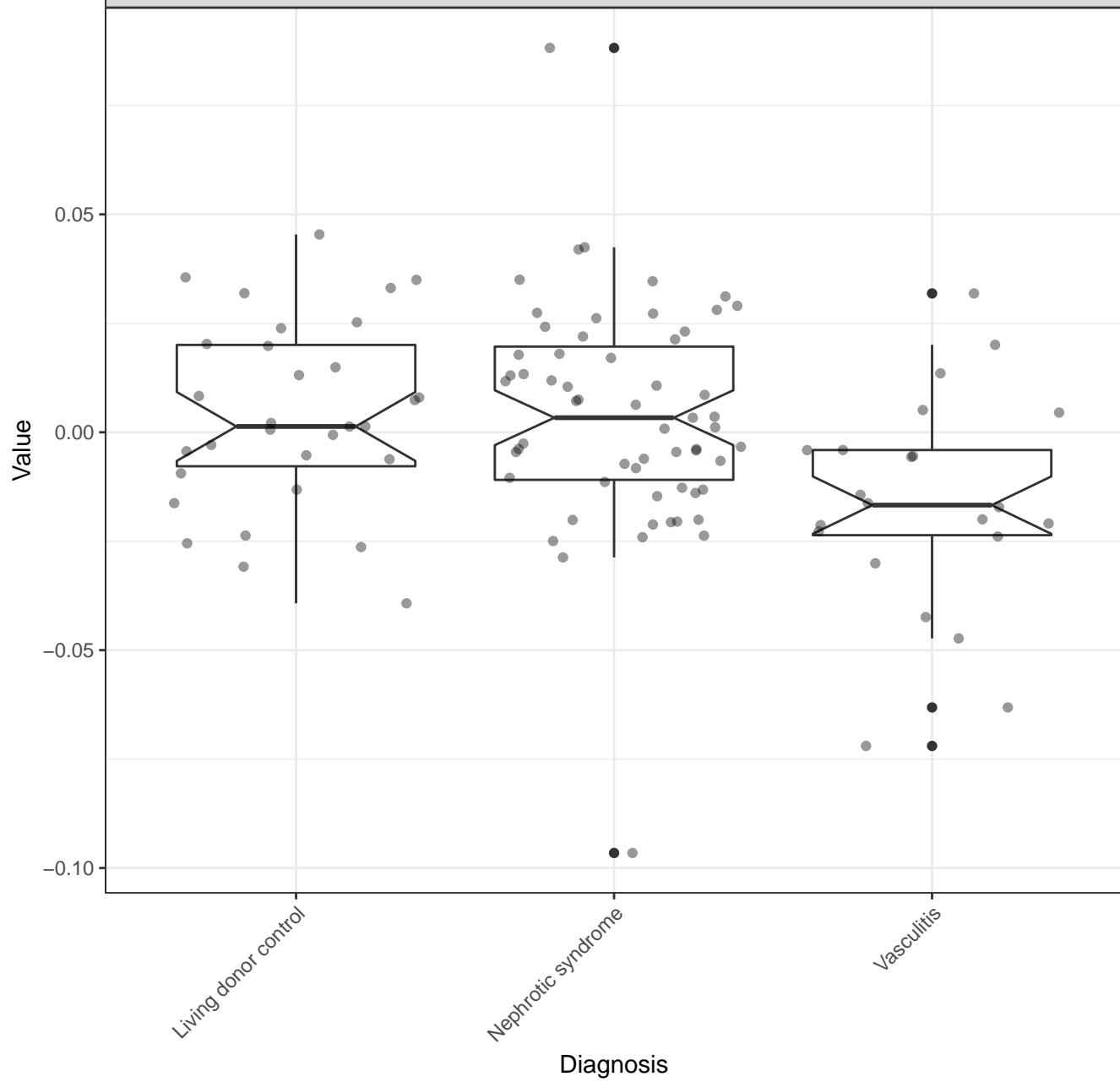
Nephrotic syndrome

Vasculitis

Diagnosis



LV 268



Value

0.05

0.00

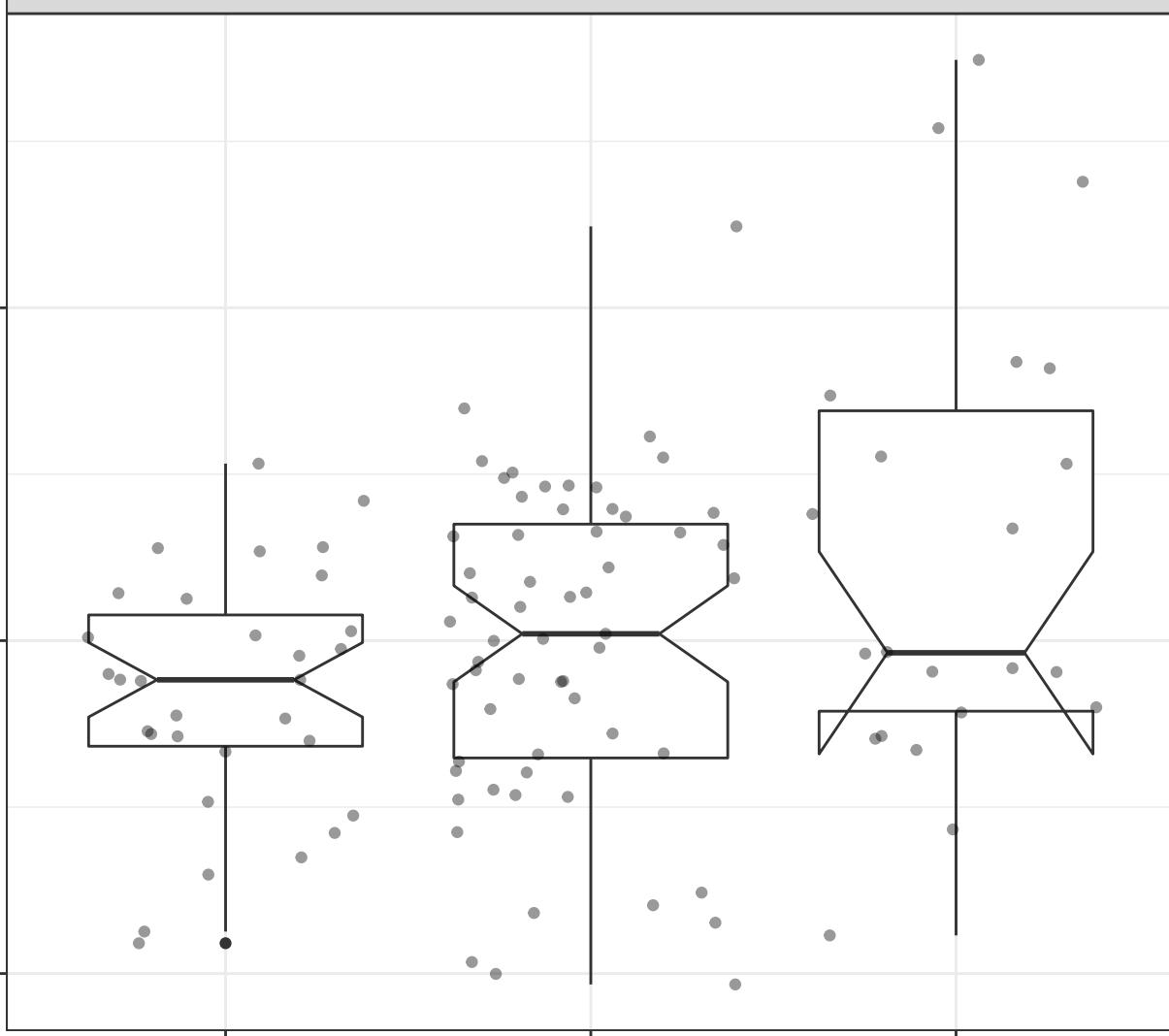
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 270

Value

0.10

0.05

0.00

-0.05

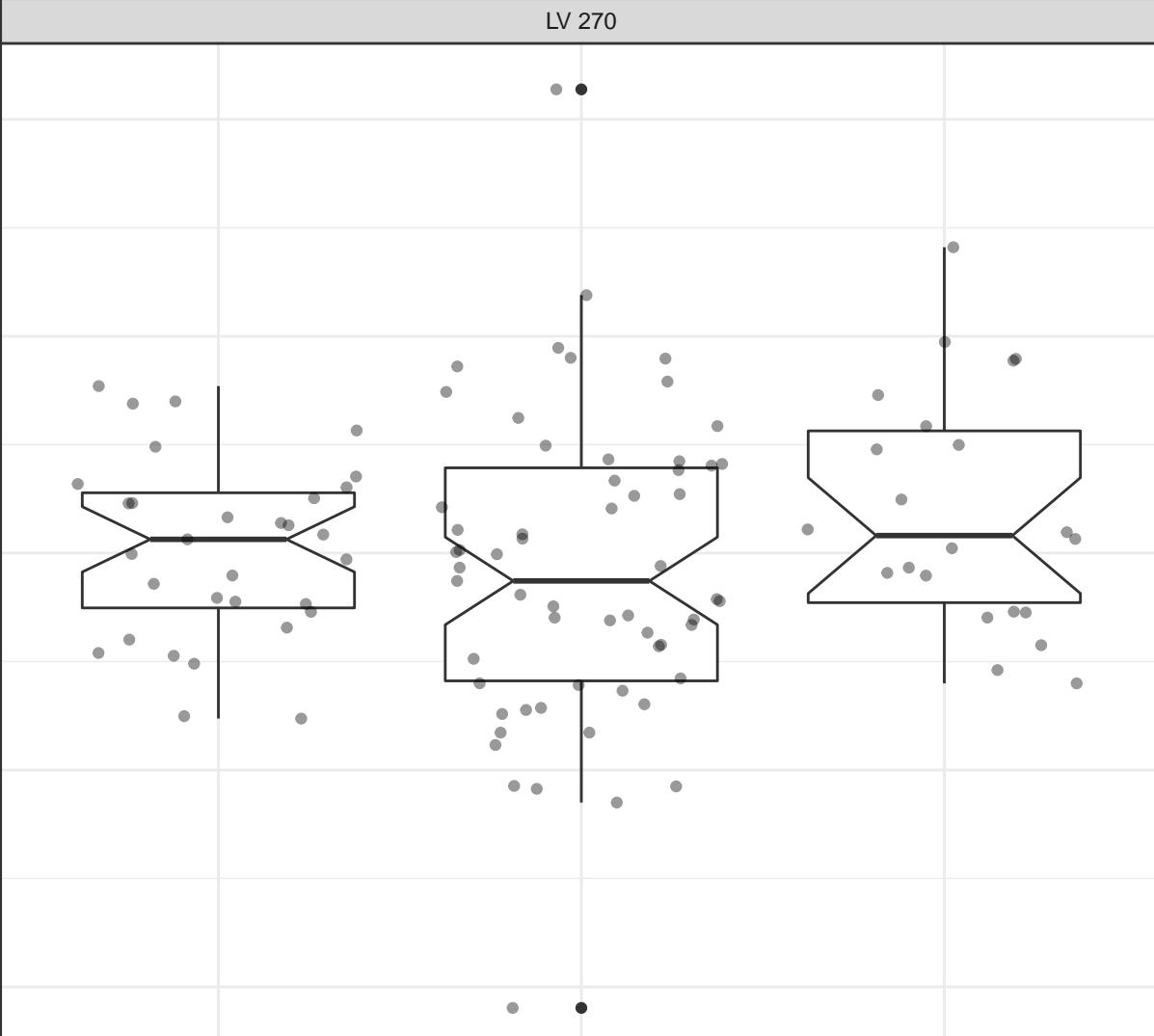
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

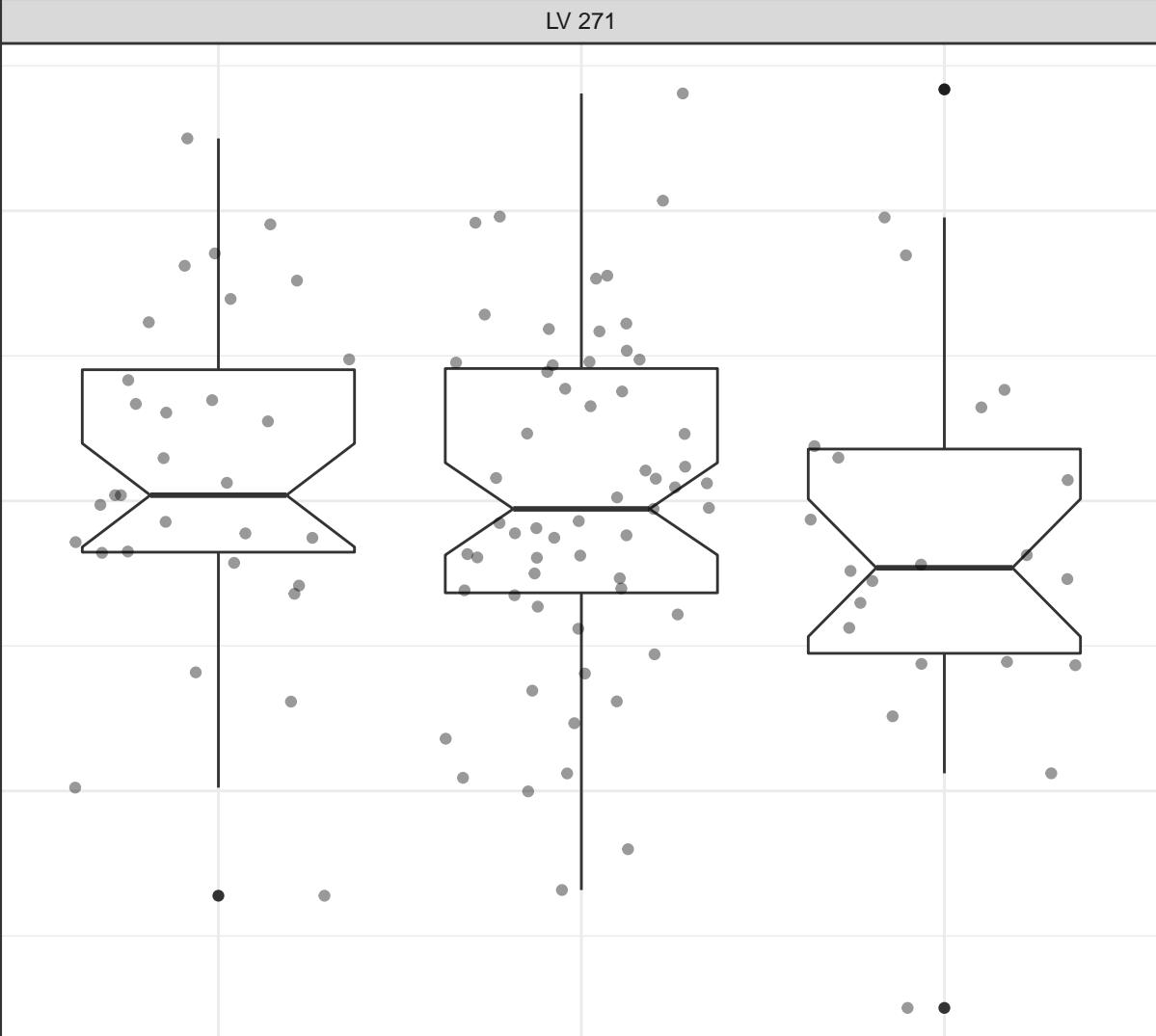
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.01

-0.04

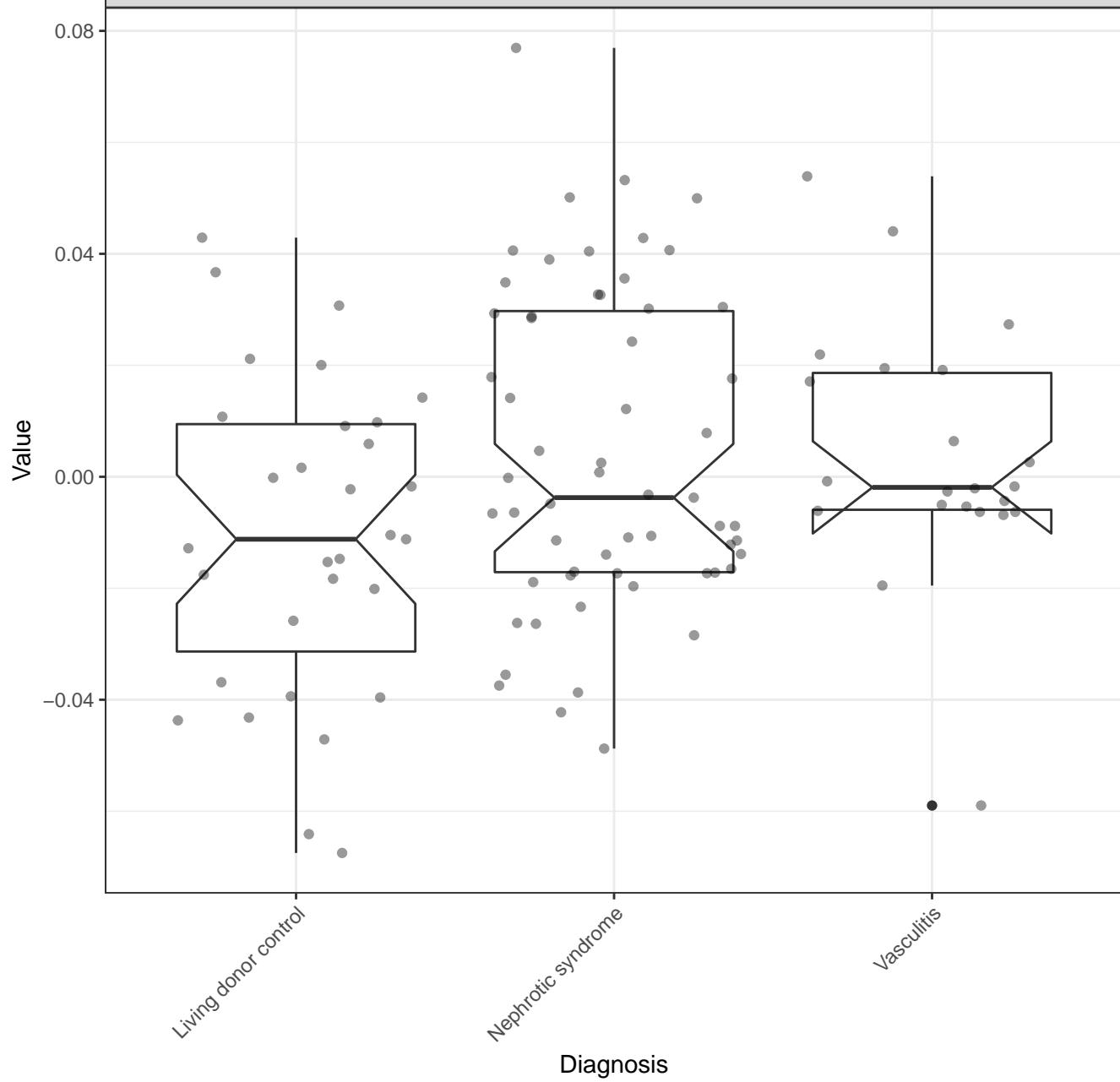
Living donor control

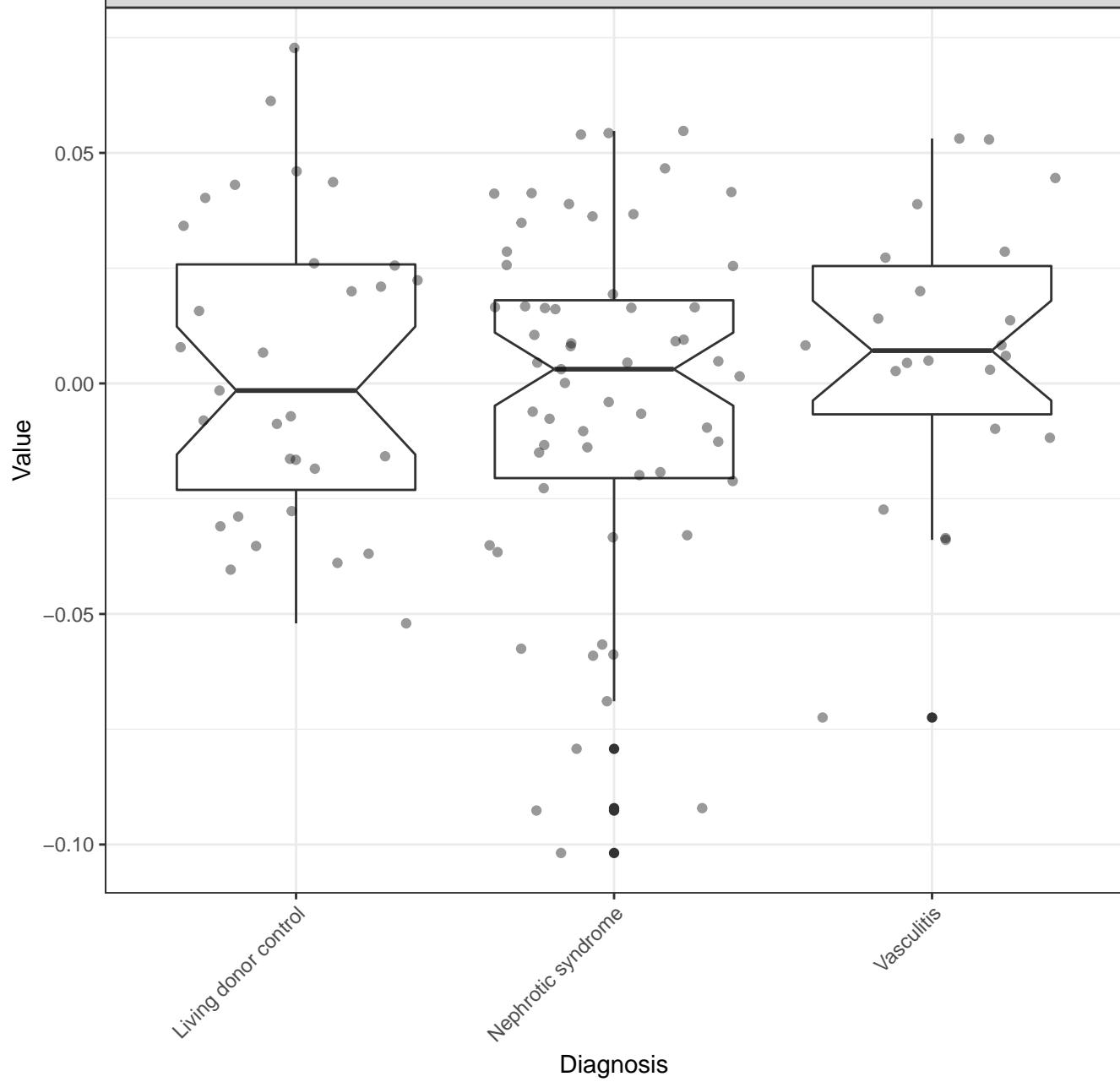
Nephrotic syndrome

Vasculitis

Diagnosis

LV 273





Value

0.10

0.05

0.00

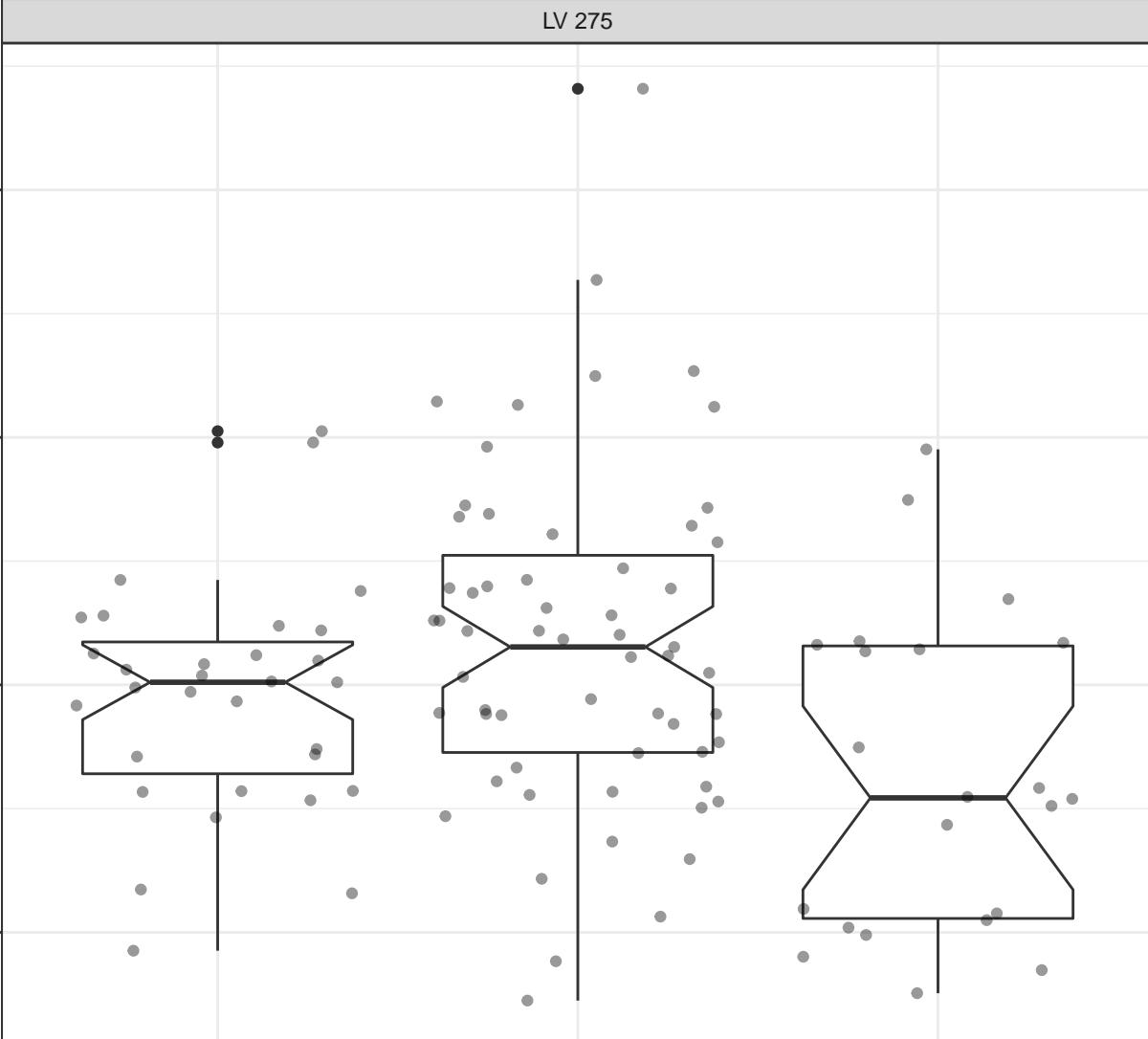
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

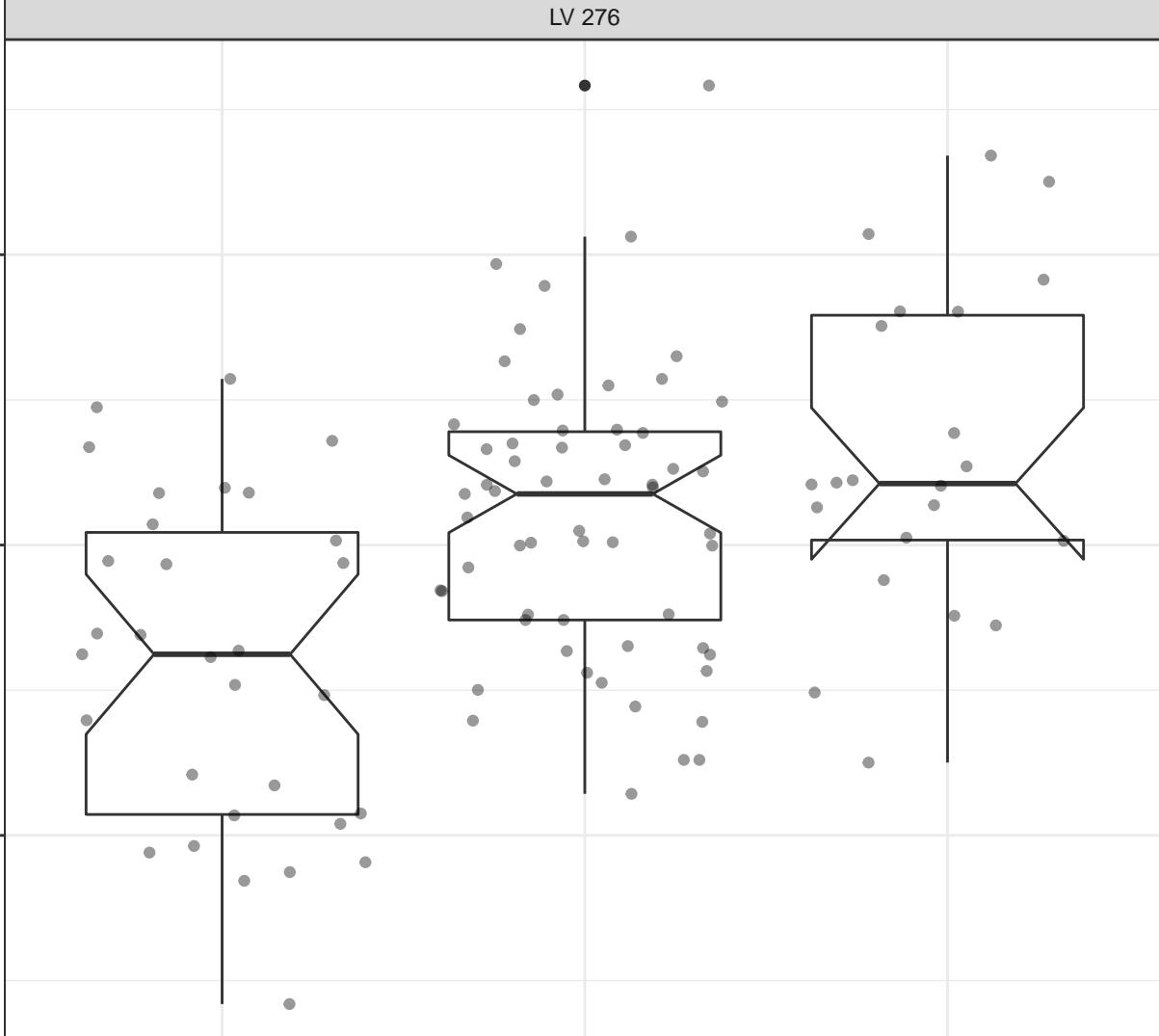
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.08

0.04

0.00

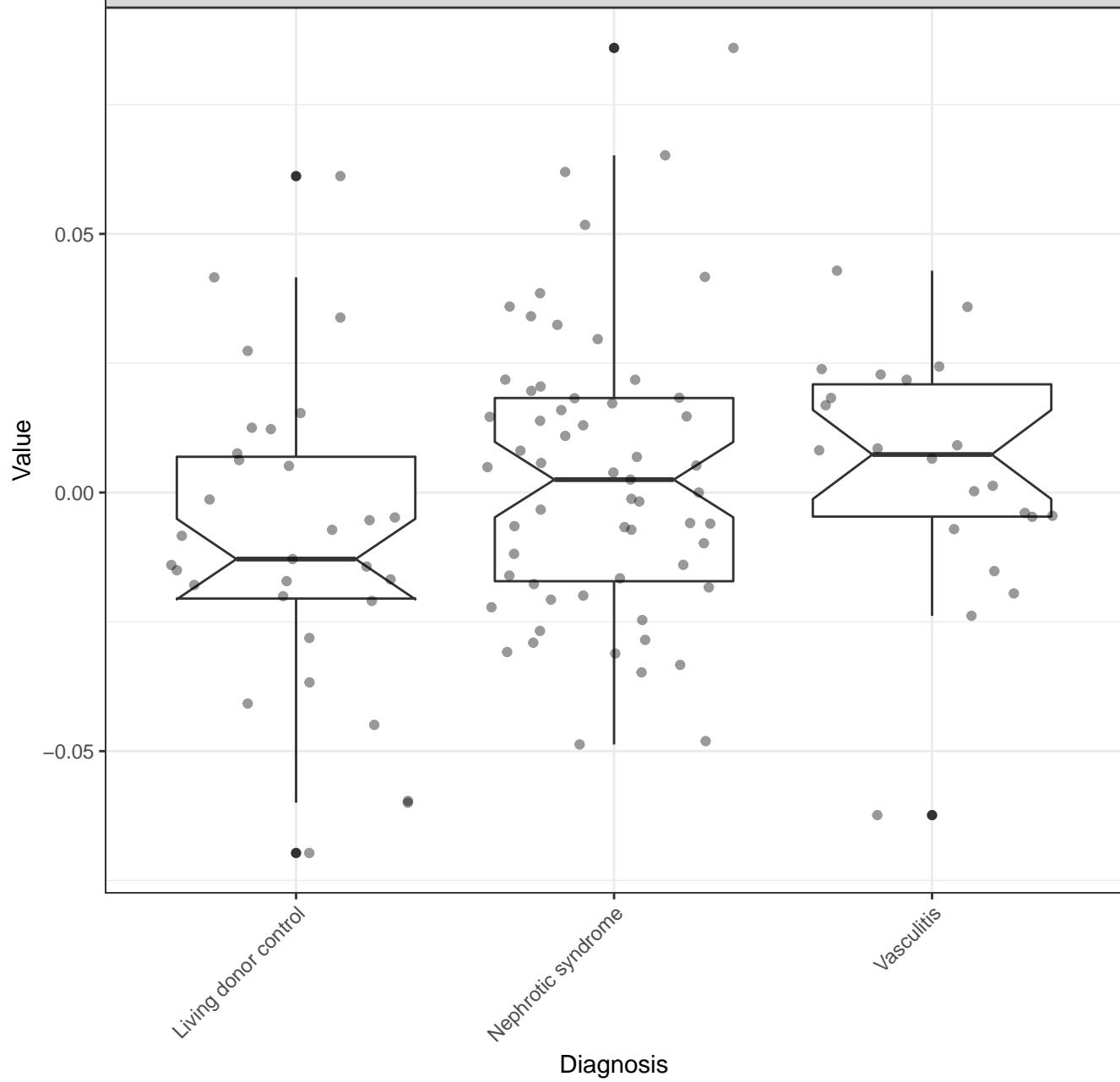
-0.04

Living donor control

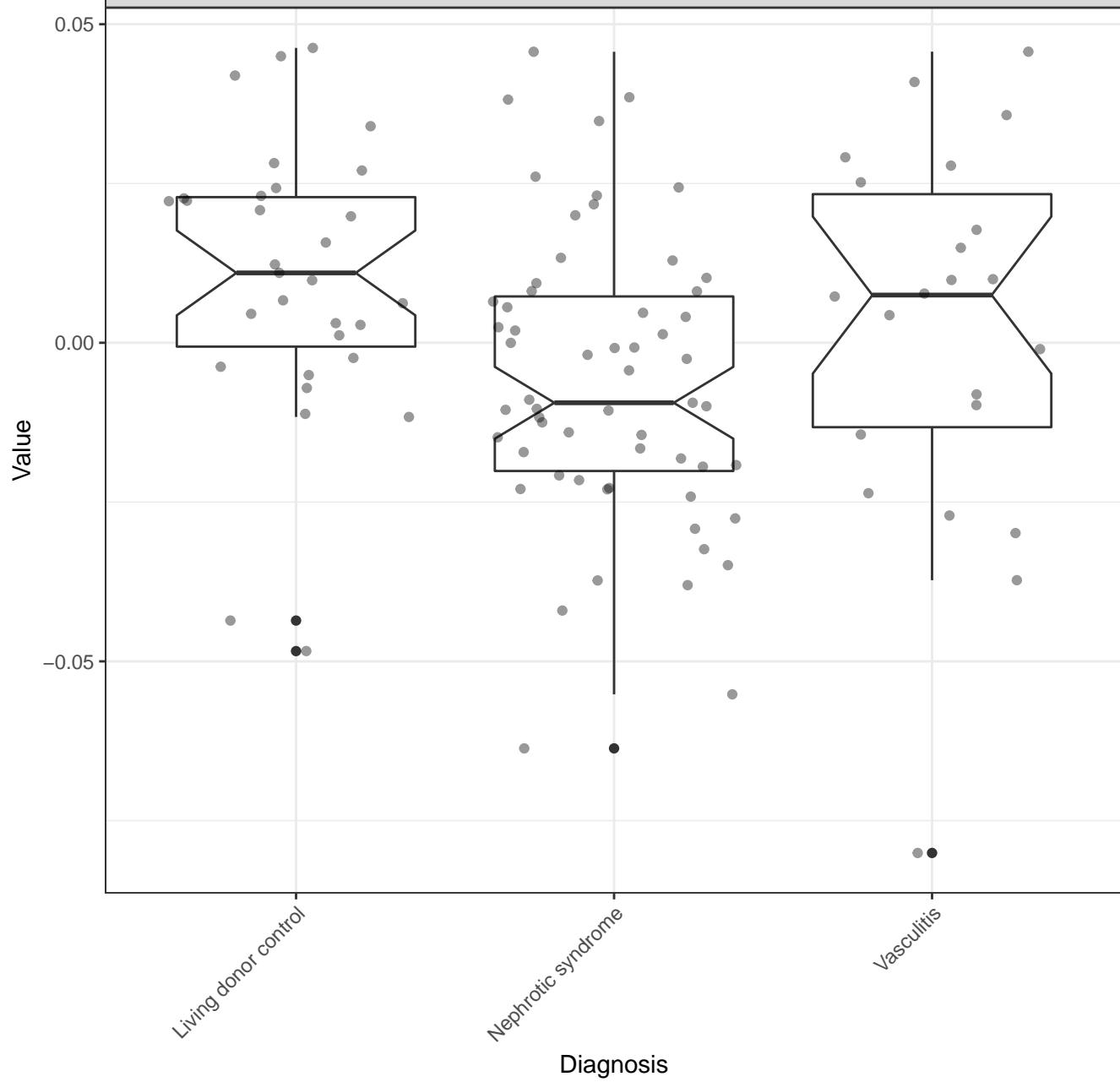
Nephrotic syndrome

Vasculitis

Diagnosis



LV 279



Value

0.10

0.05

0.00

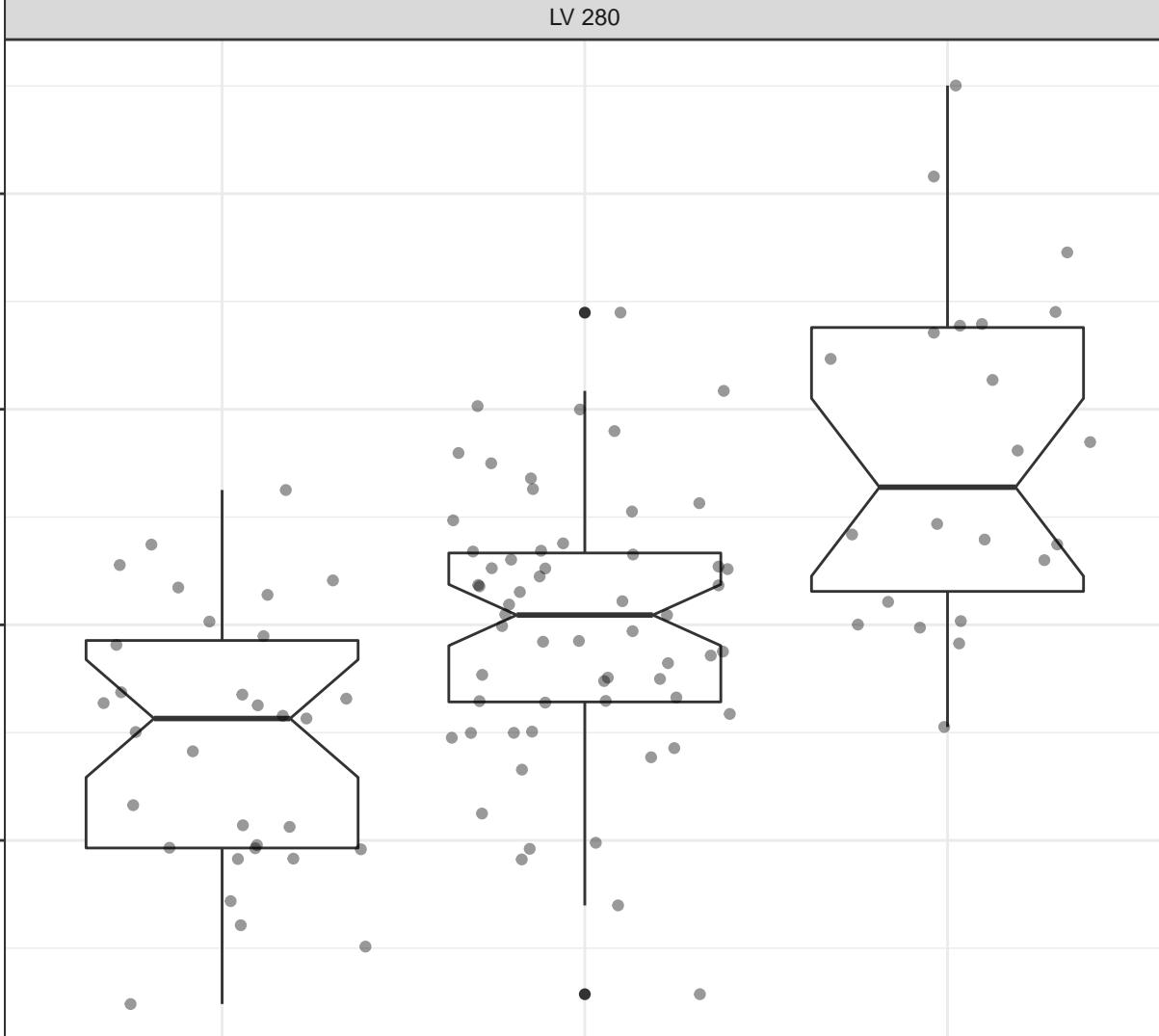
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

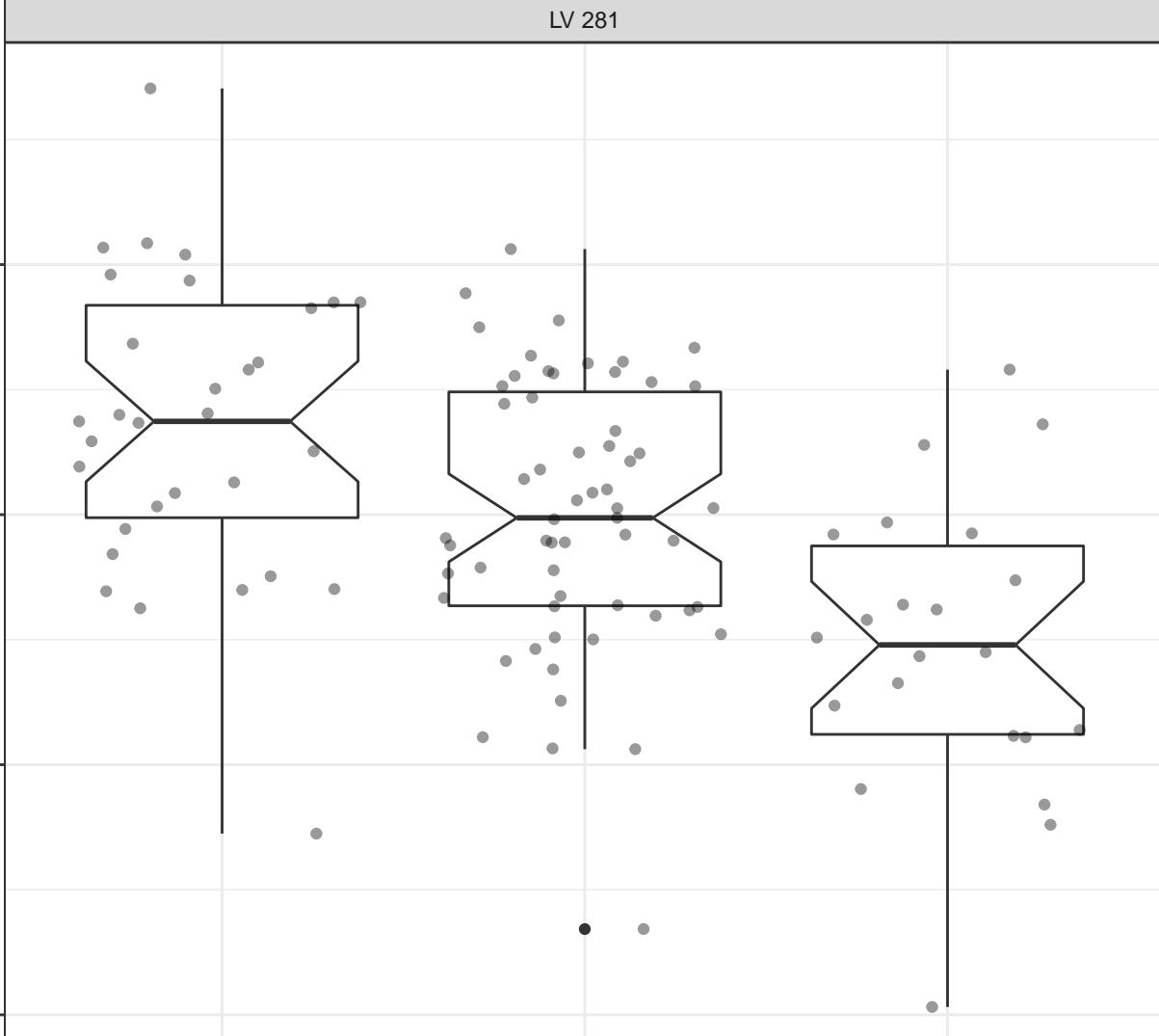
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

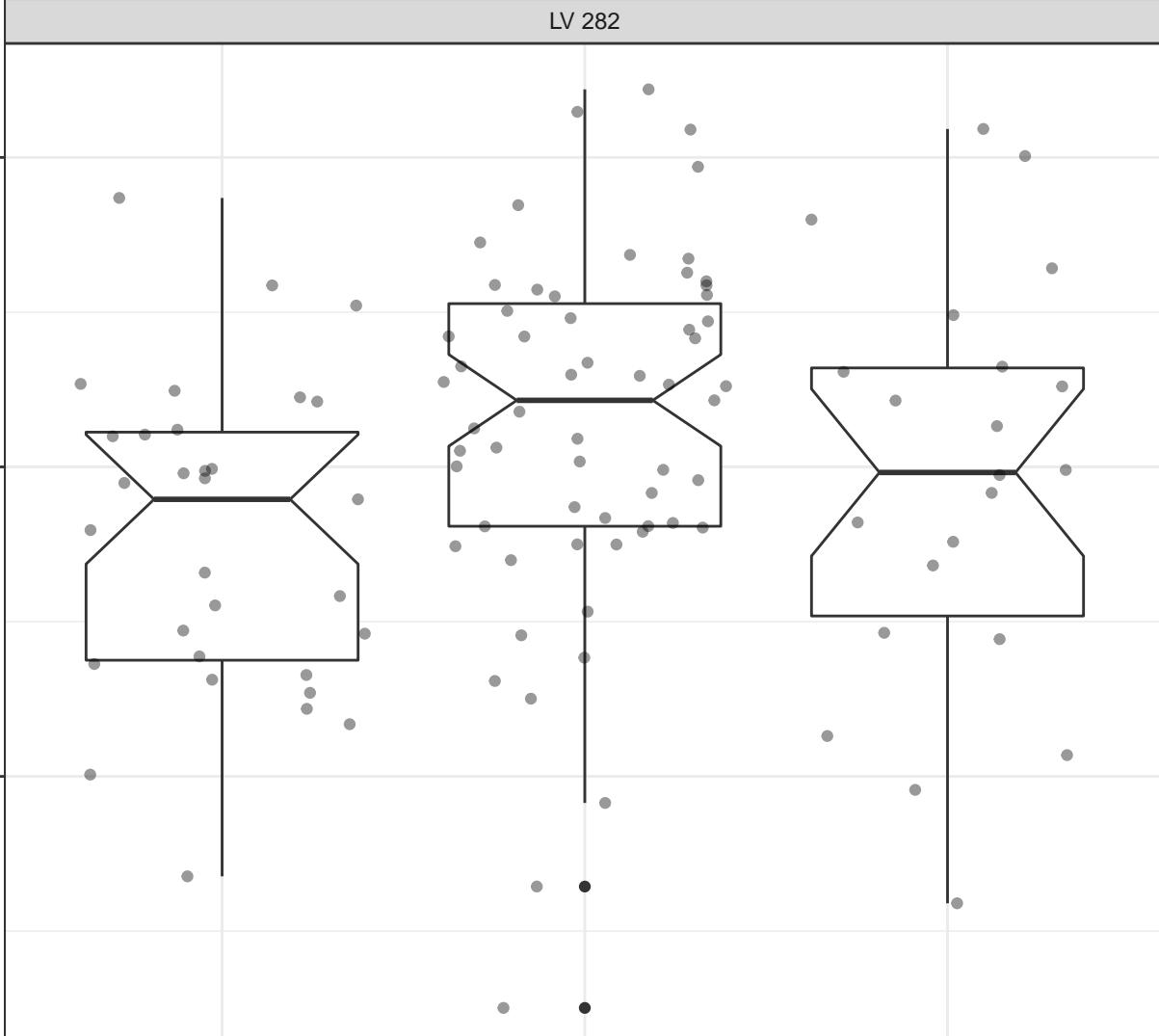
-0.05

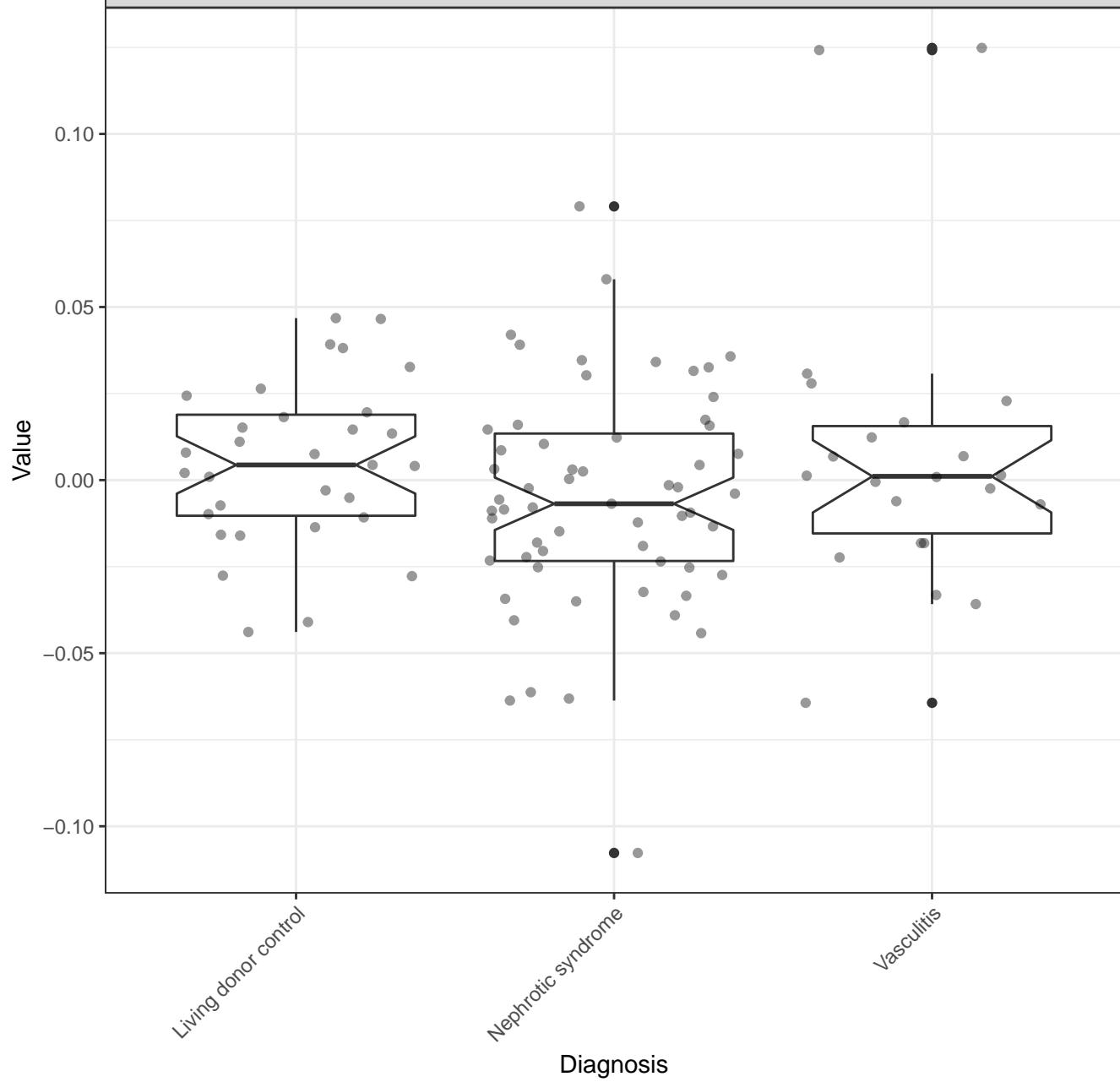
Living donor control

Nephrotic syndrome

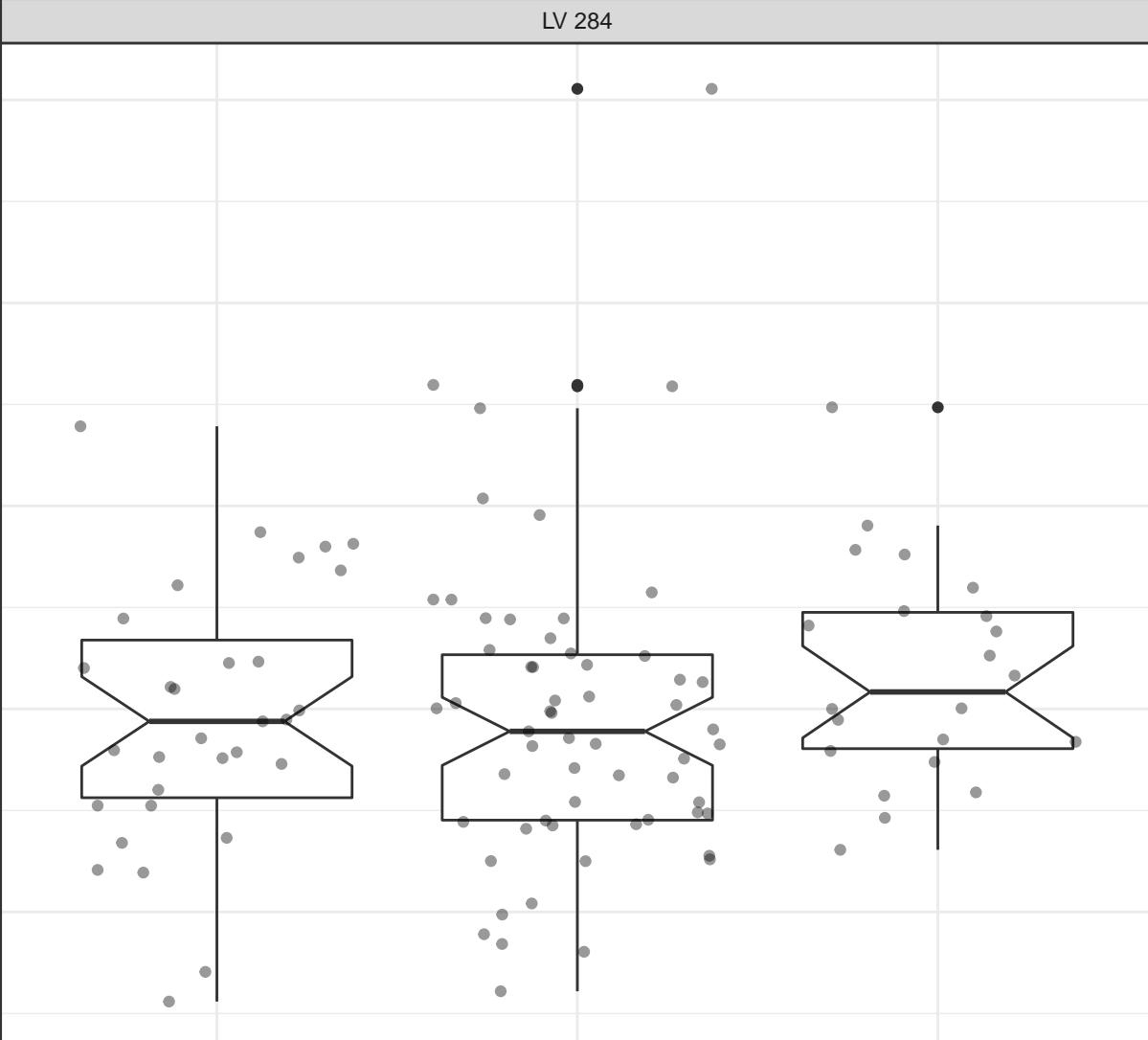
Vasculitis

Diagnosis





Value

0.15  
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

Value

0.05

0.00

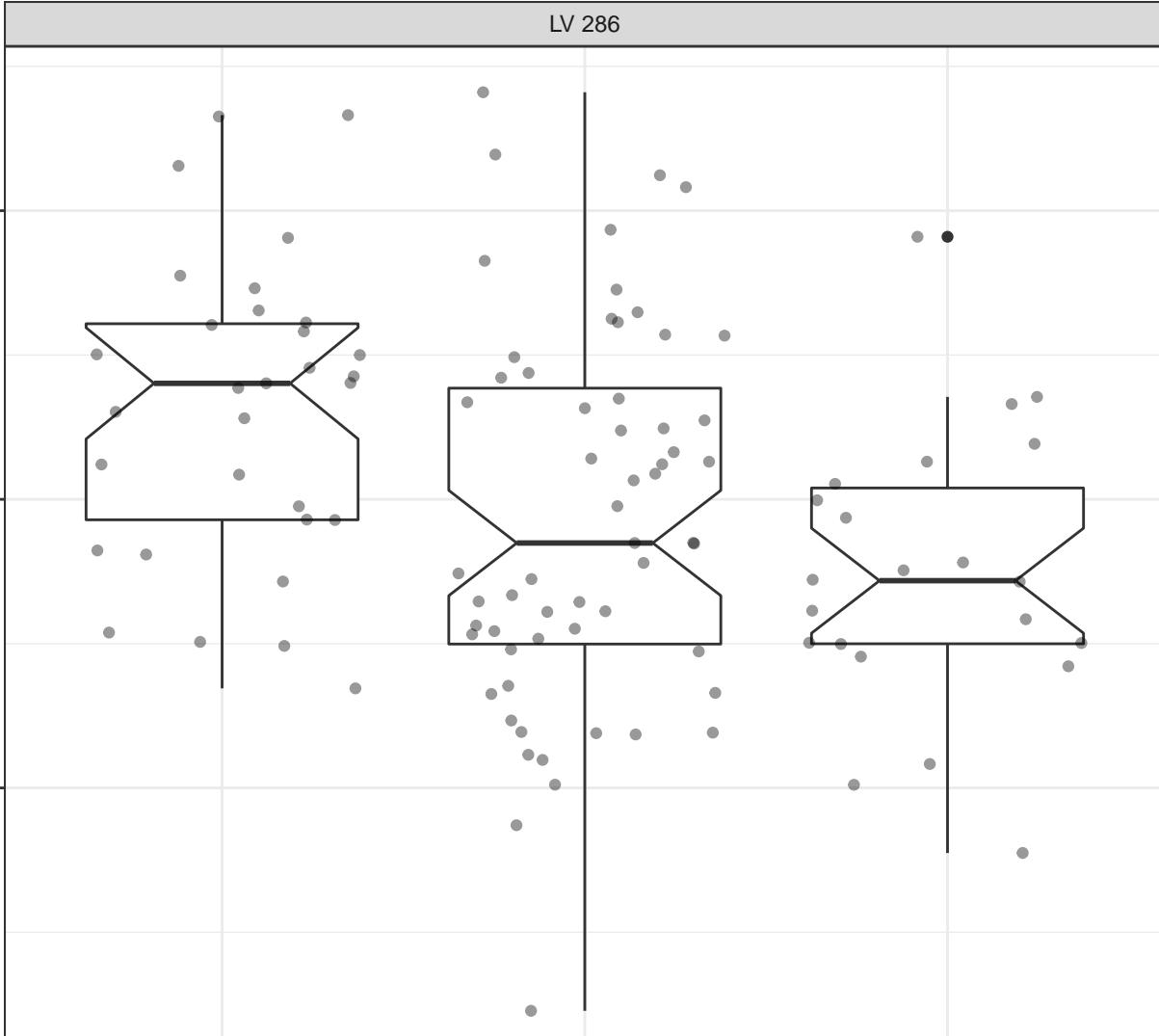
-0.05

Living donor control

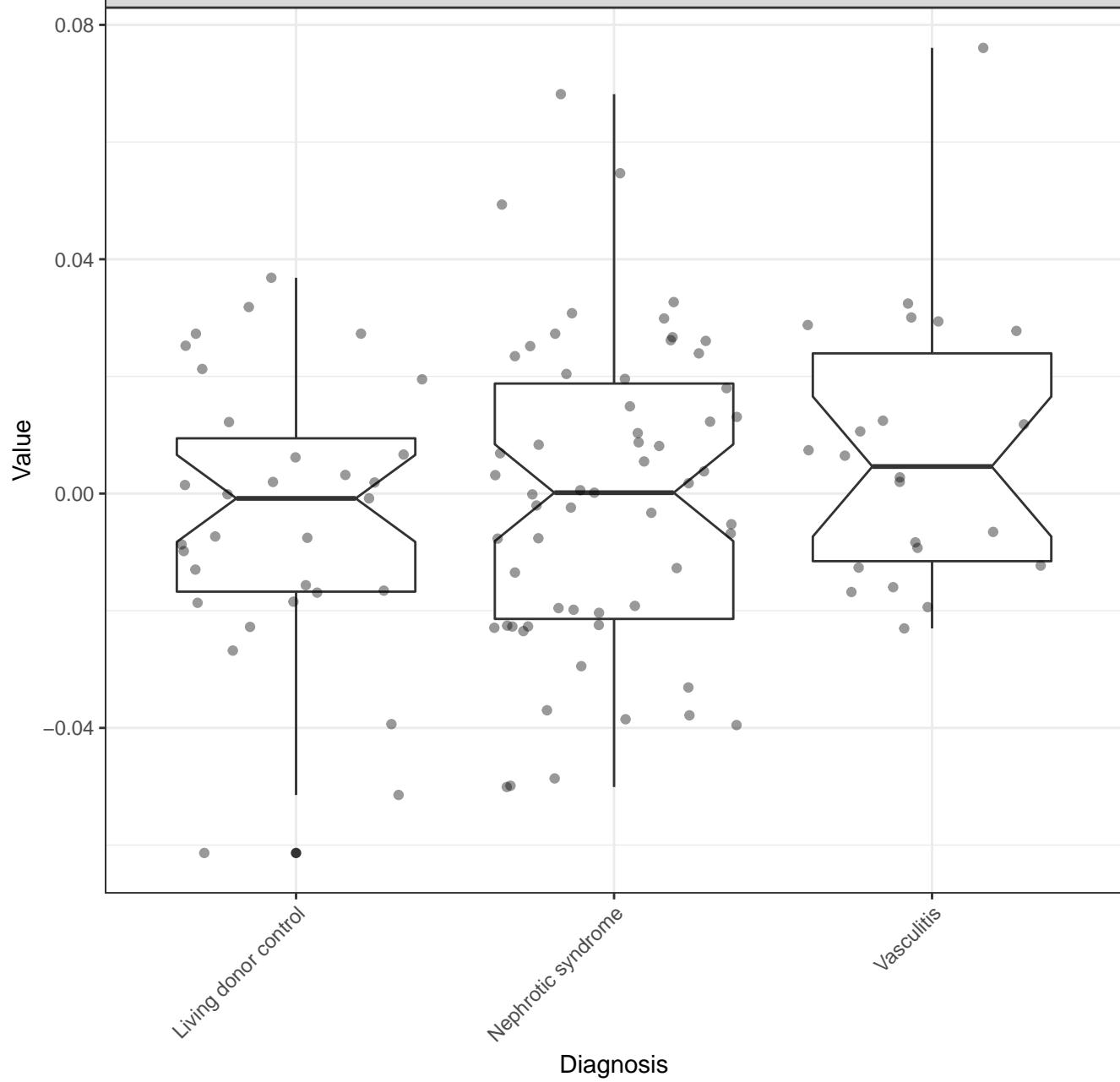
Nephrotic syndrome

Vasculitis

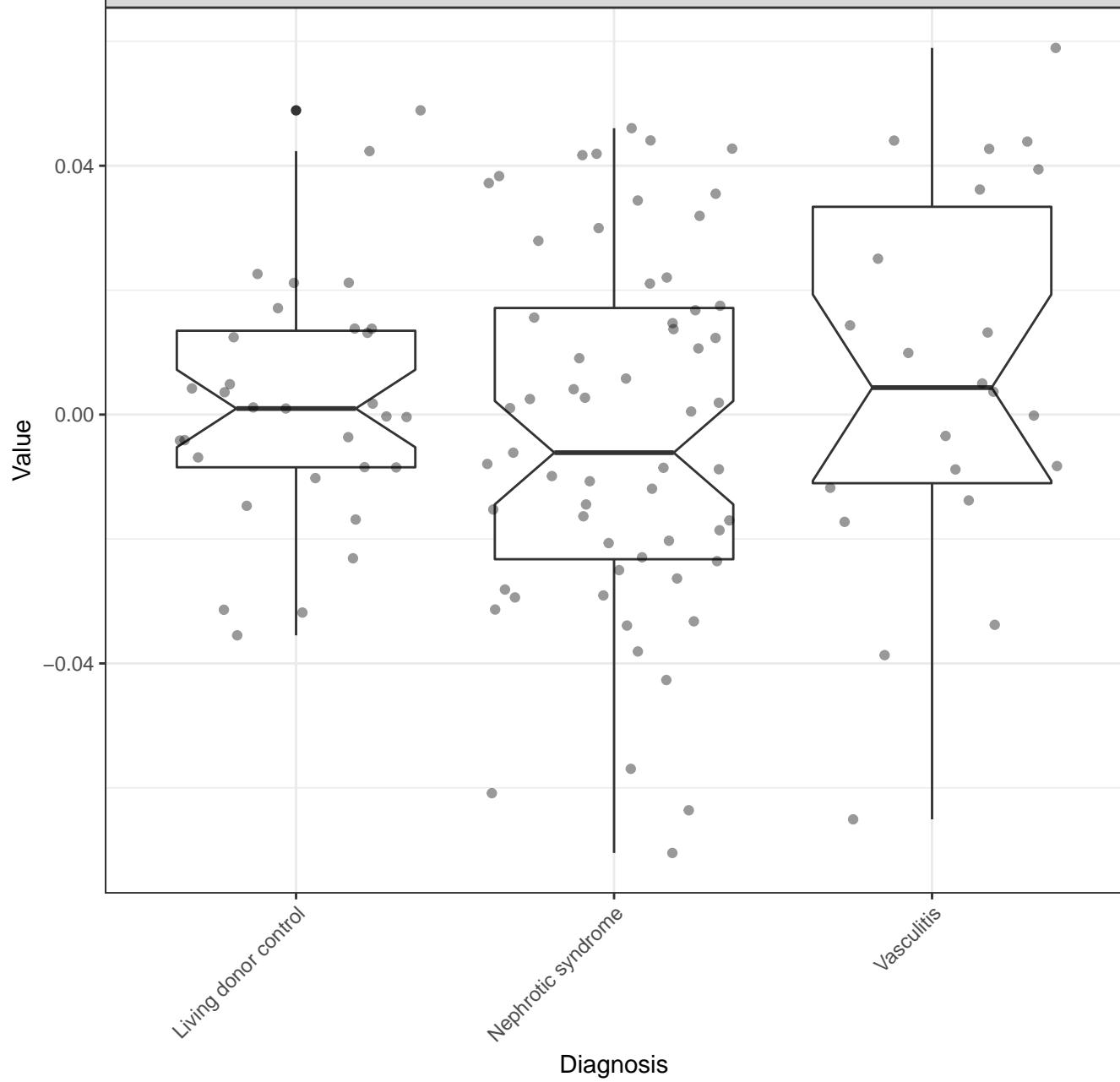
Diagnosis

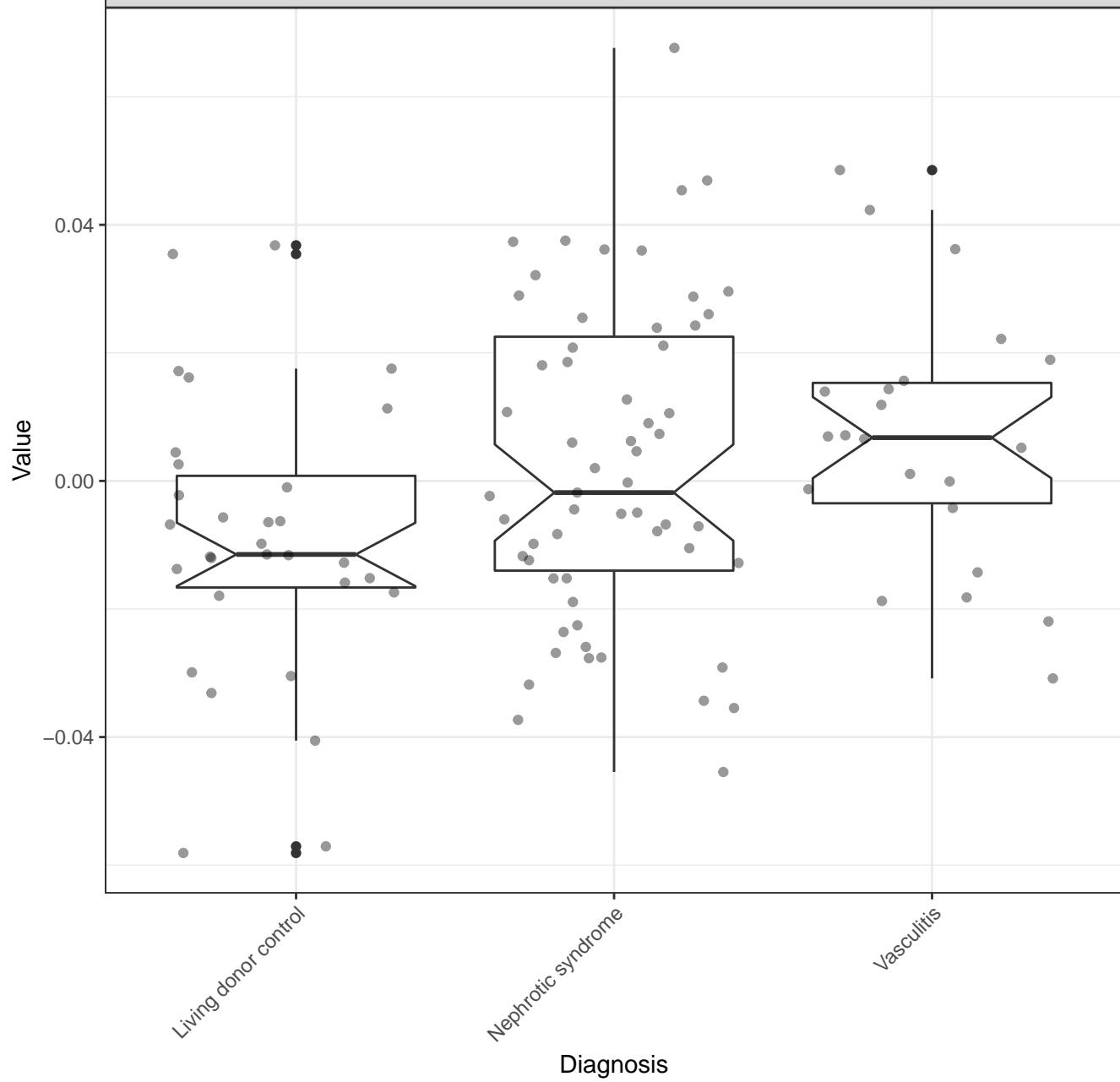


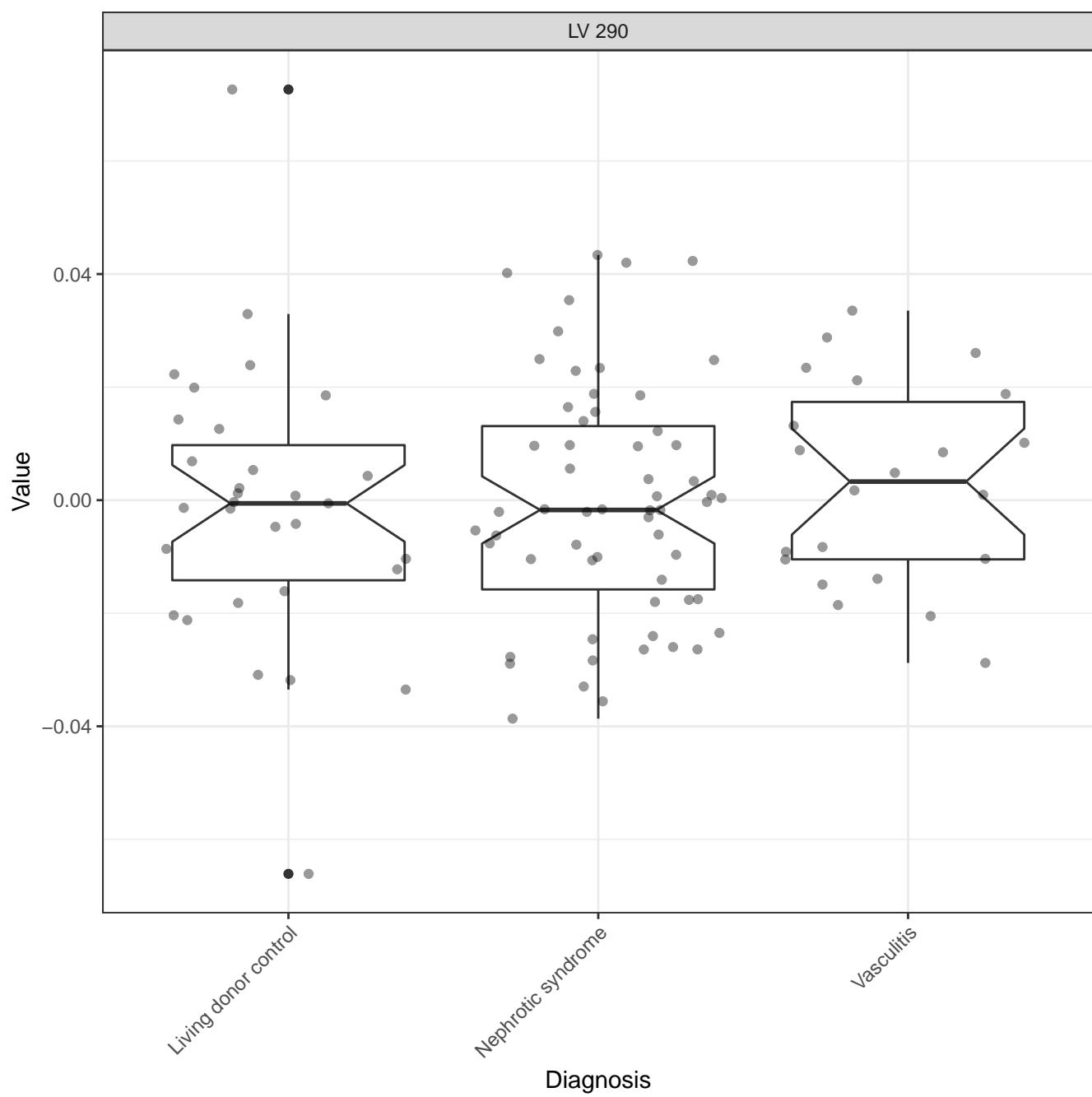
LV 287



288,REACTOME\_PEPTIDE\_LIGAND\_BINDING\_RECEPTEORS







Value

0.05

0.00

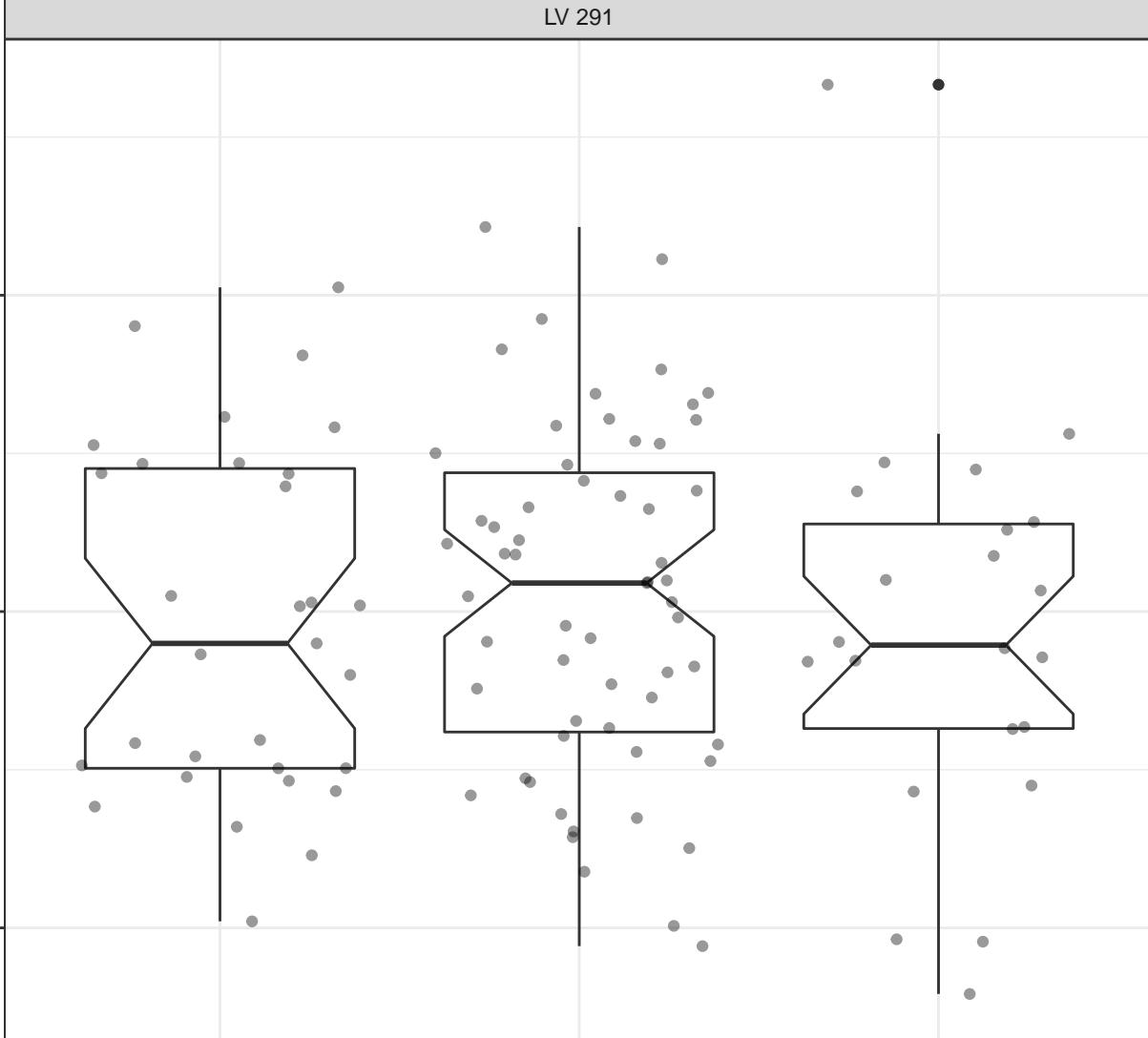
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

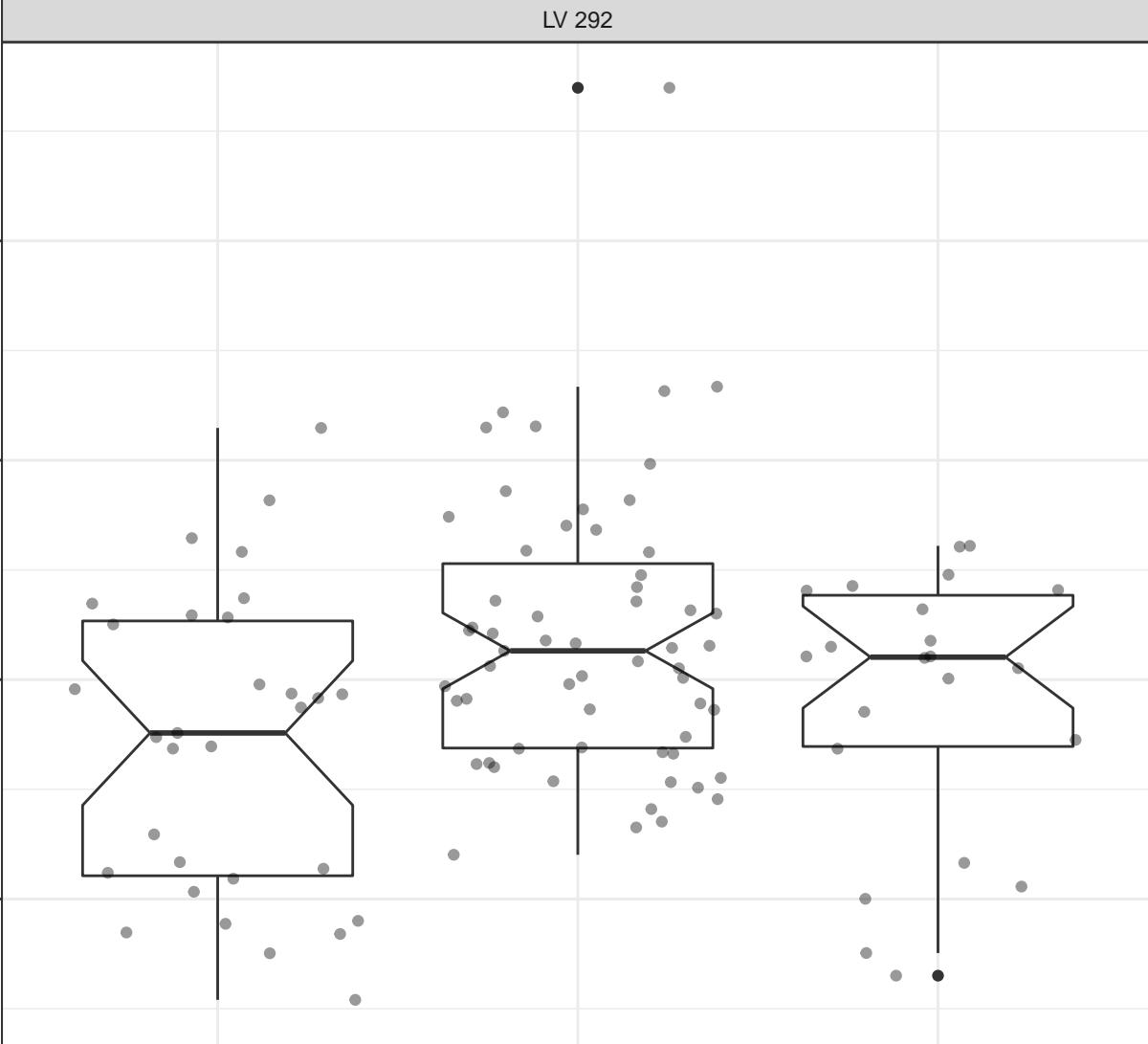
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

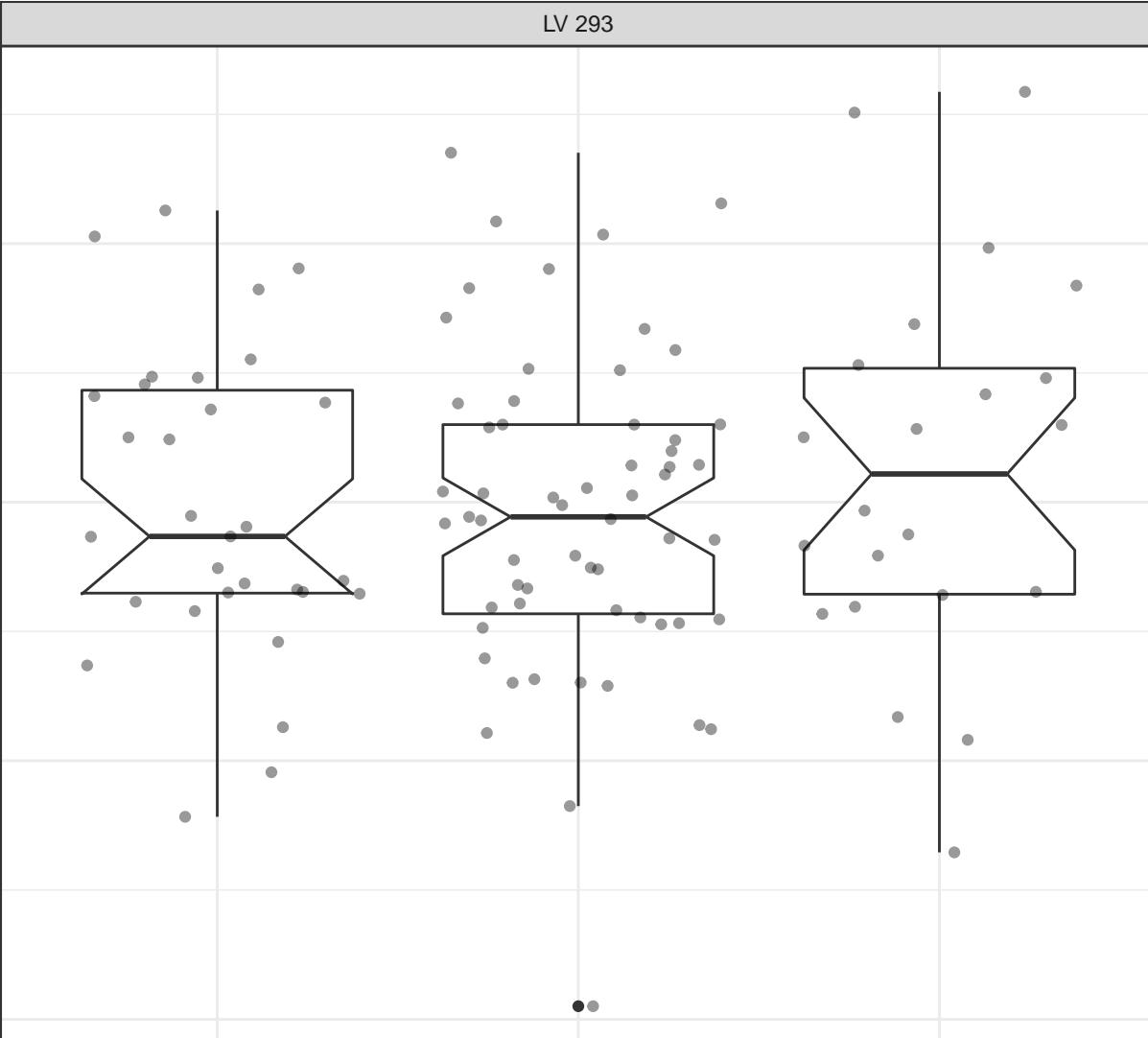
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 294

Value

0.06

0.03

0.00

-0.03

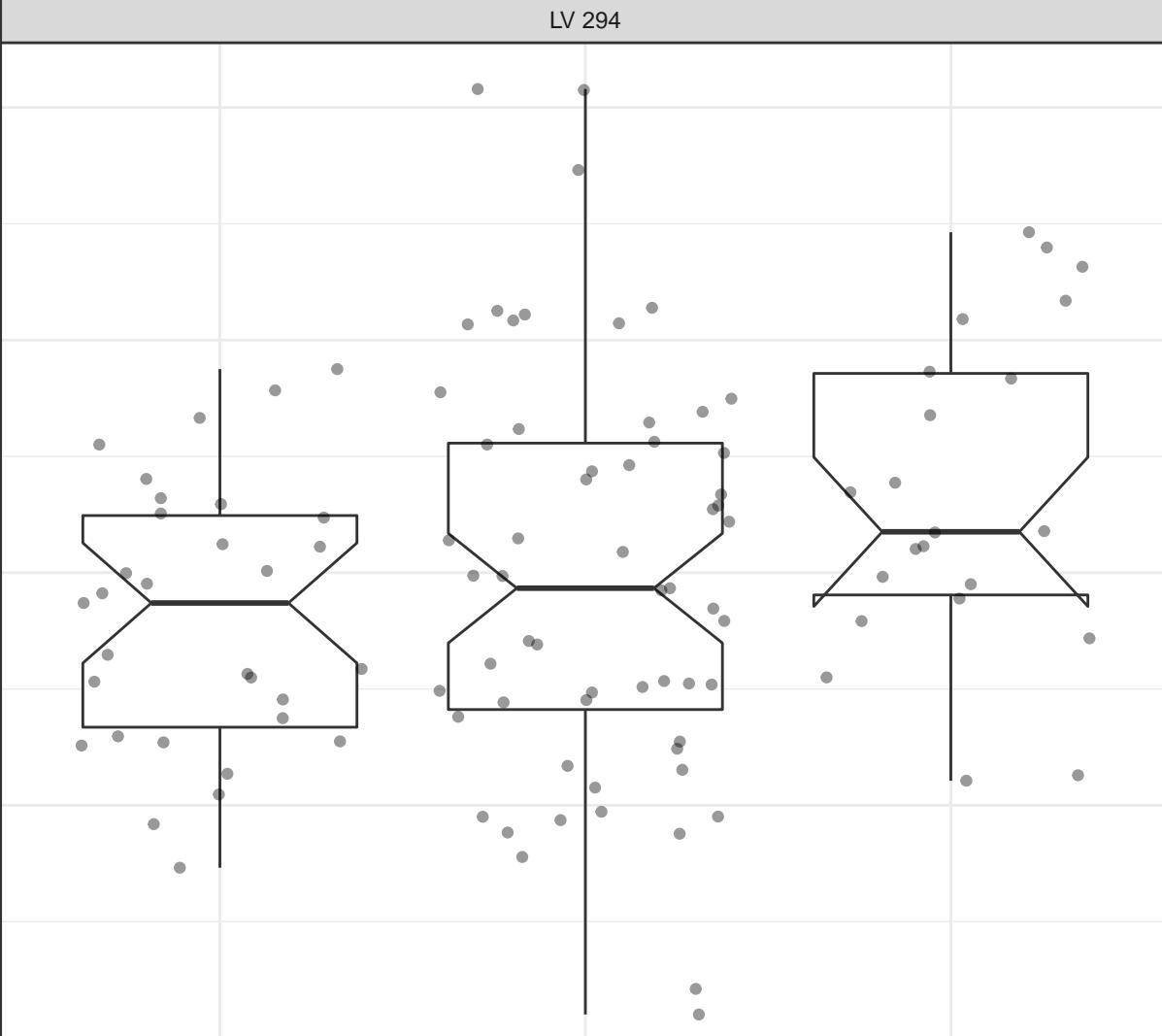
-0.06

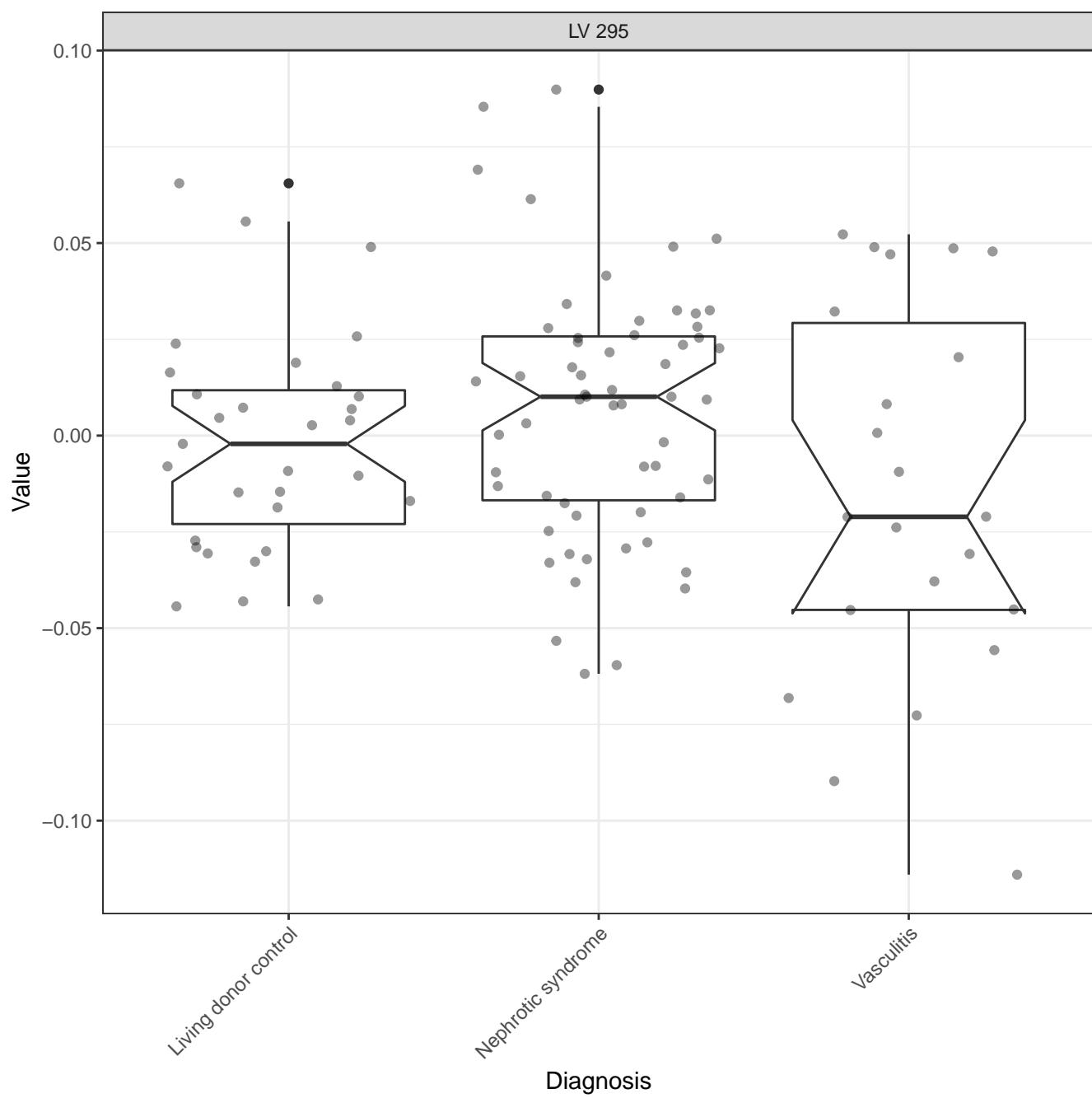
Living donor control

Nephrotic syndrome

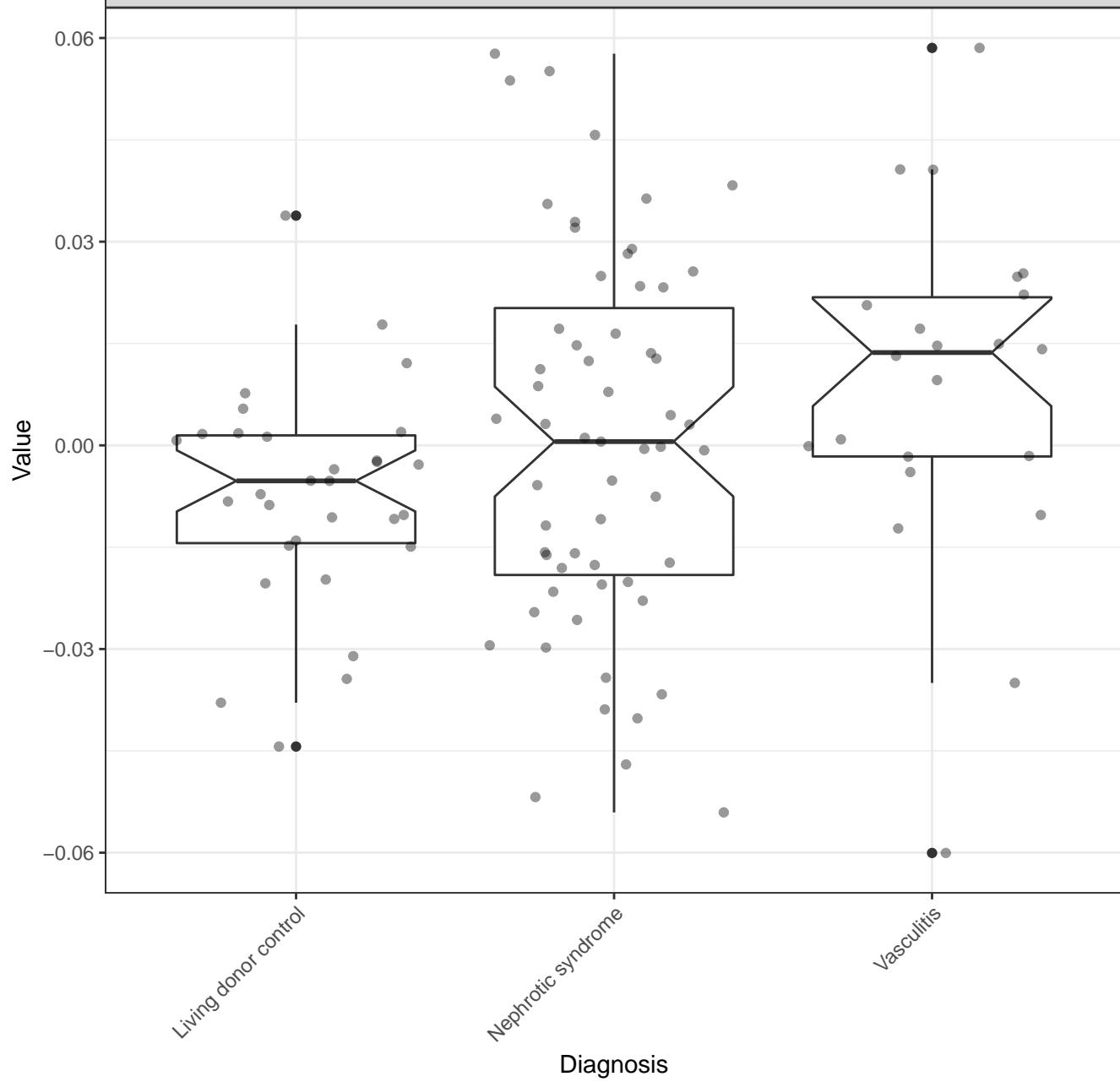
Vasculitis

Diagnosis





## 296,REACTOME\_TELOMERE\_MAINTENANCE



LV 297

Value

0.10

0.05

0.00

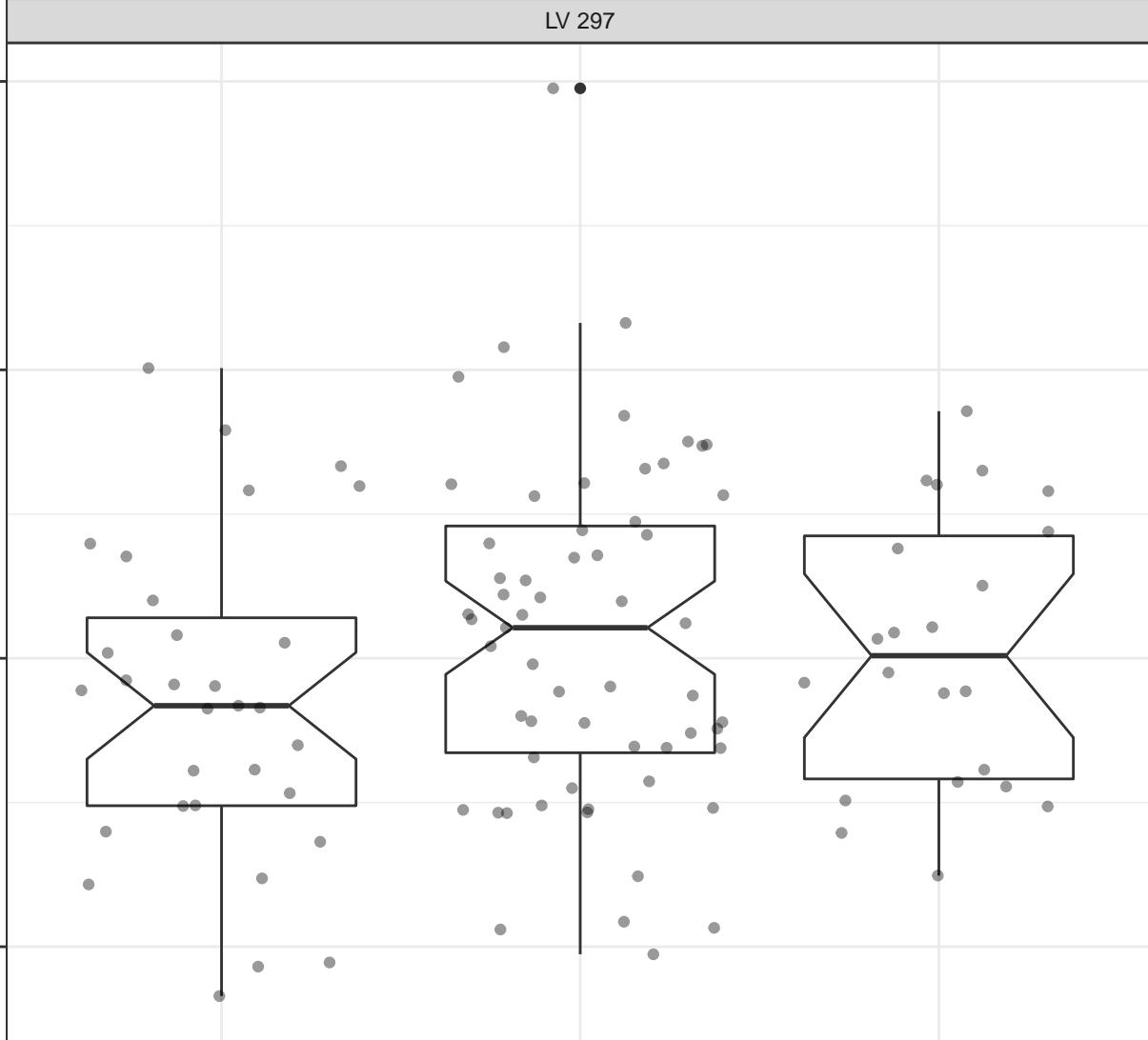
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

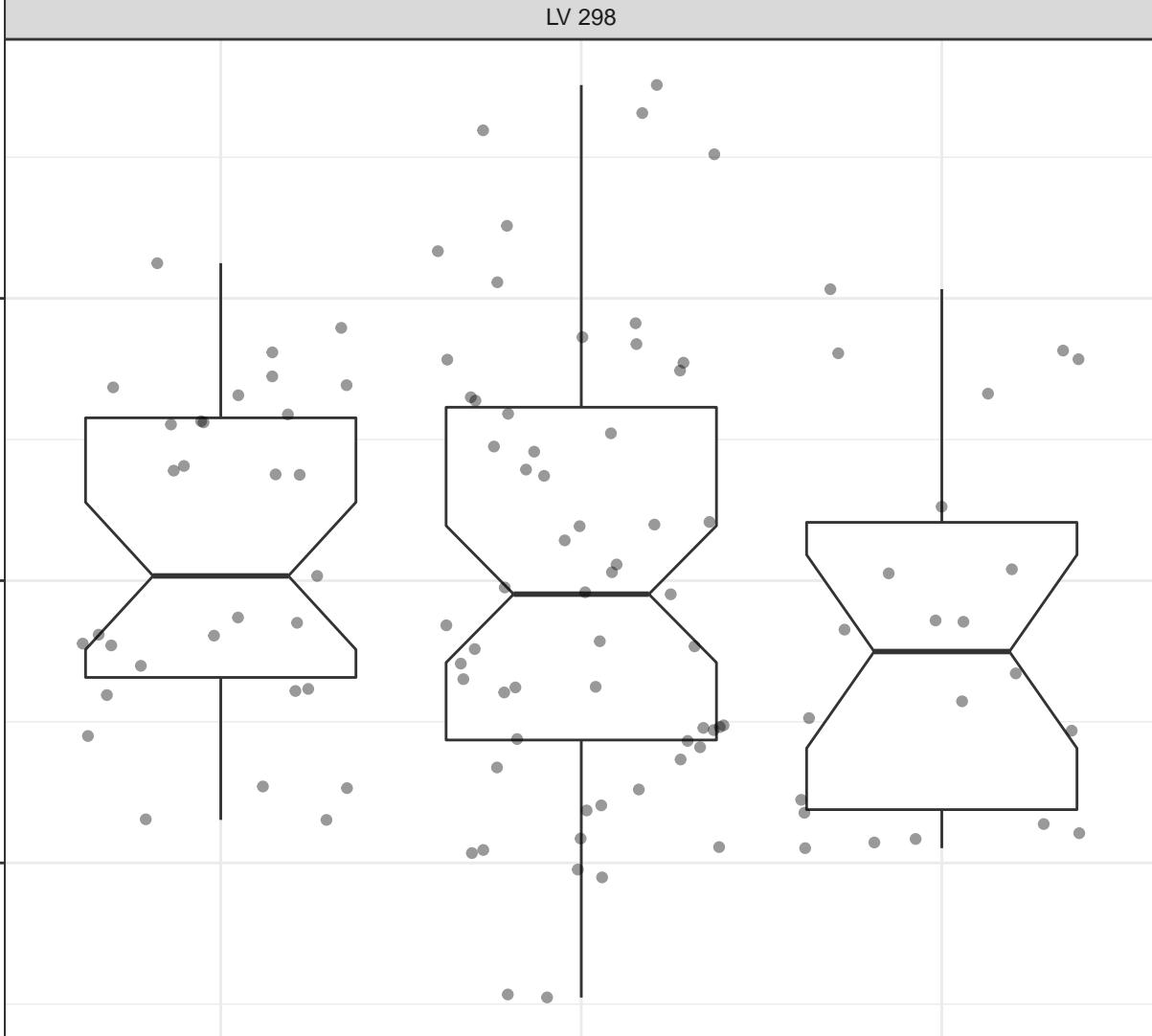
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 299

Value

0.08

0.04

0.00

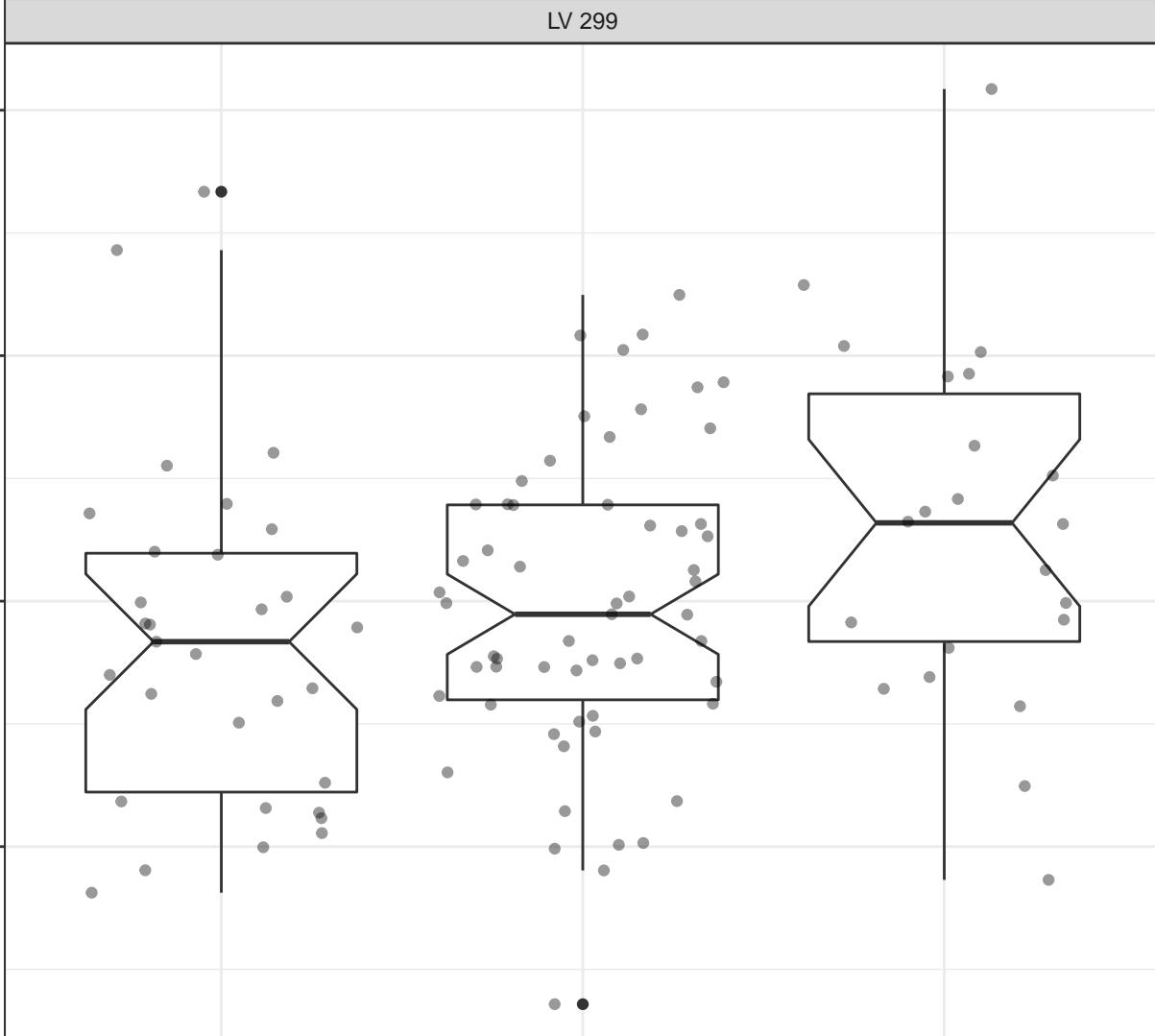
-0.04

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

0.00

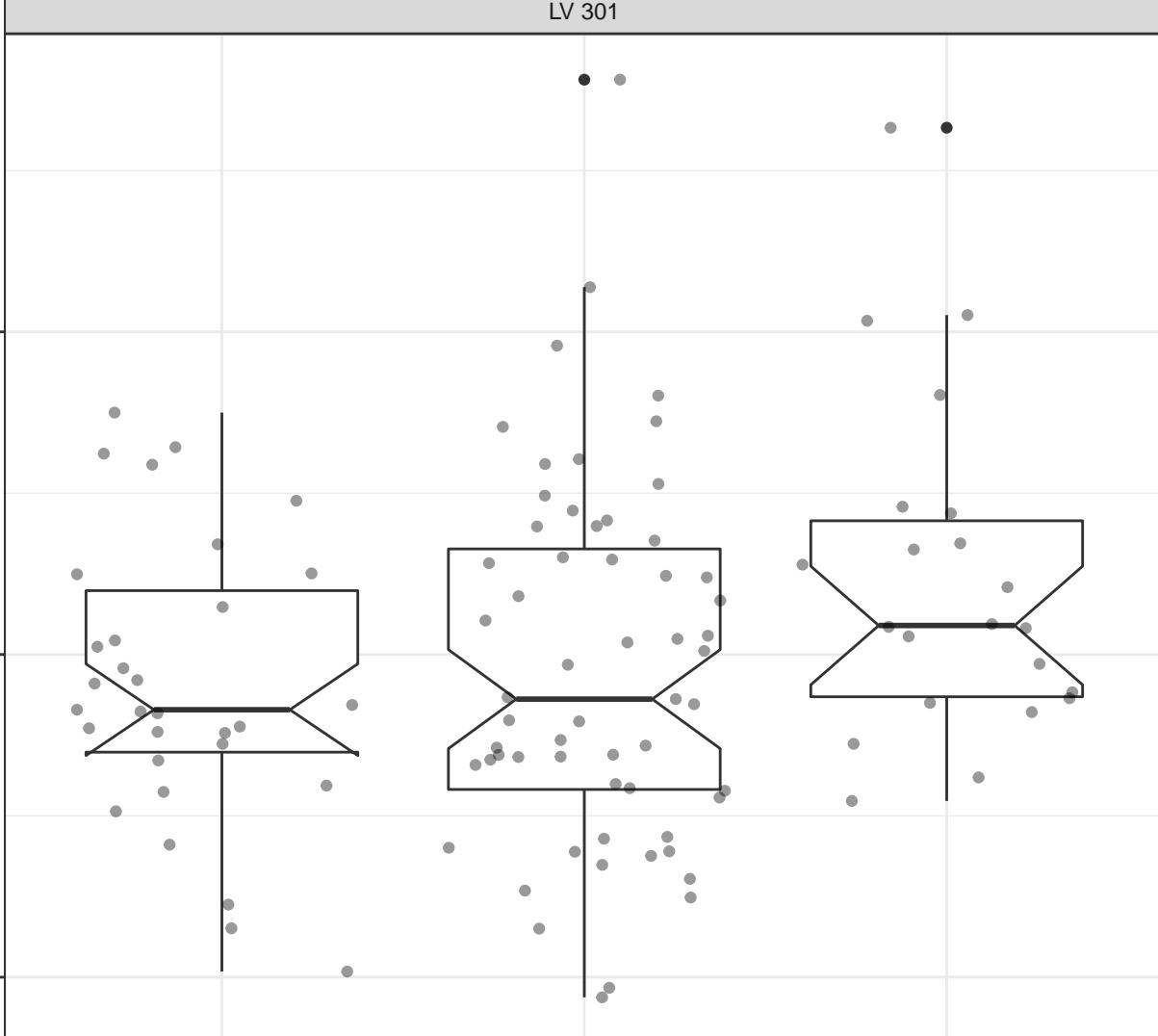
-0.05

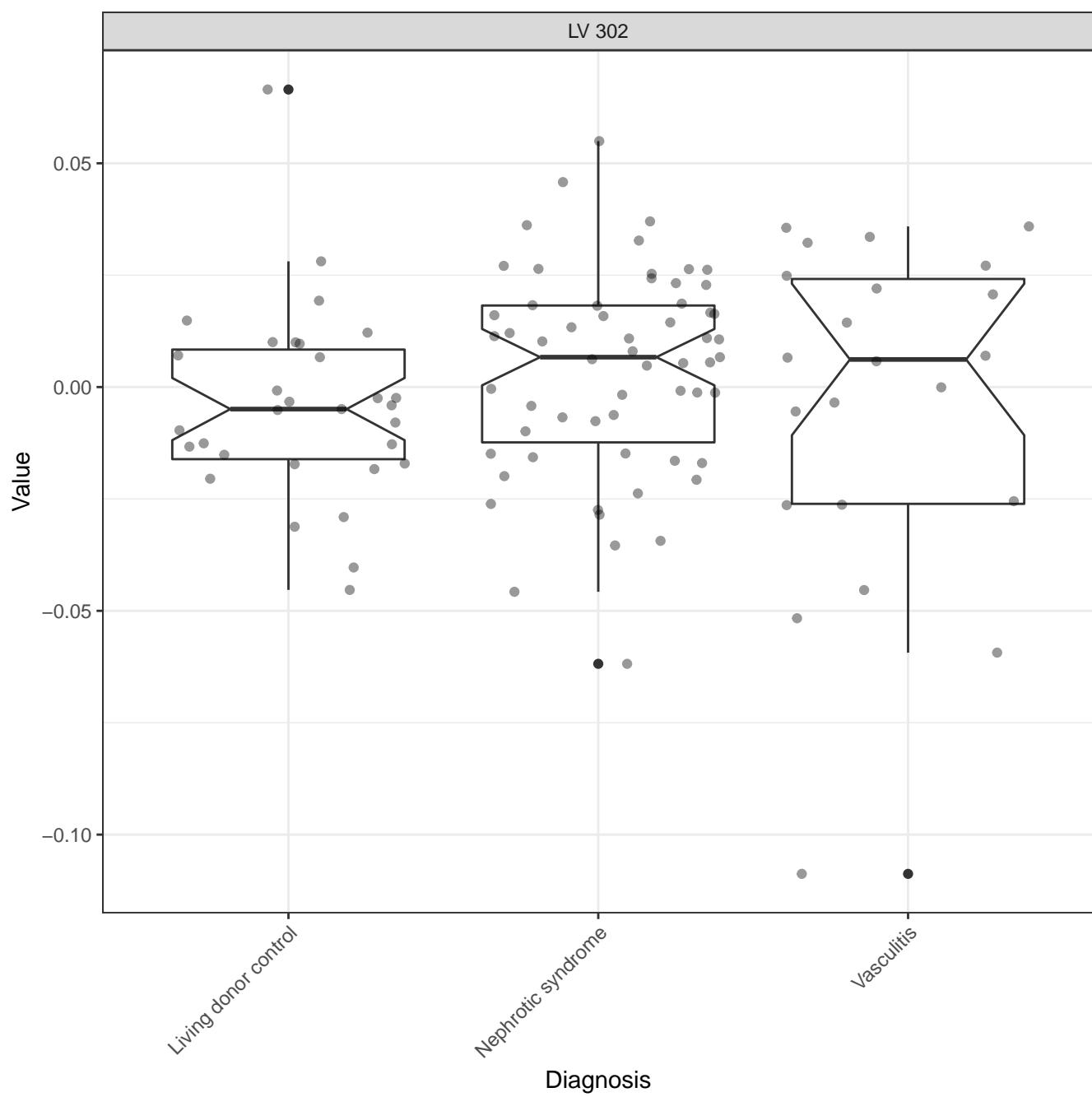
Living donor control

Nephrotic syndrome

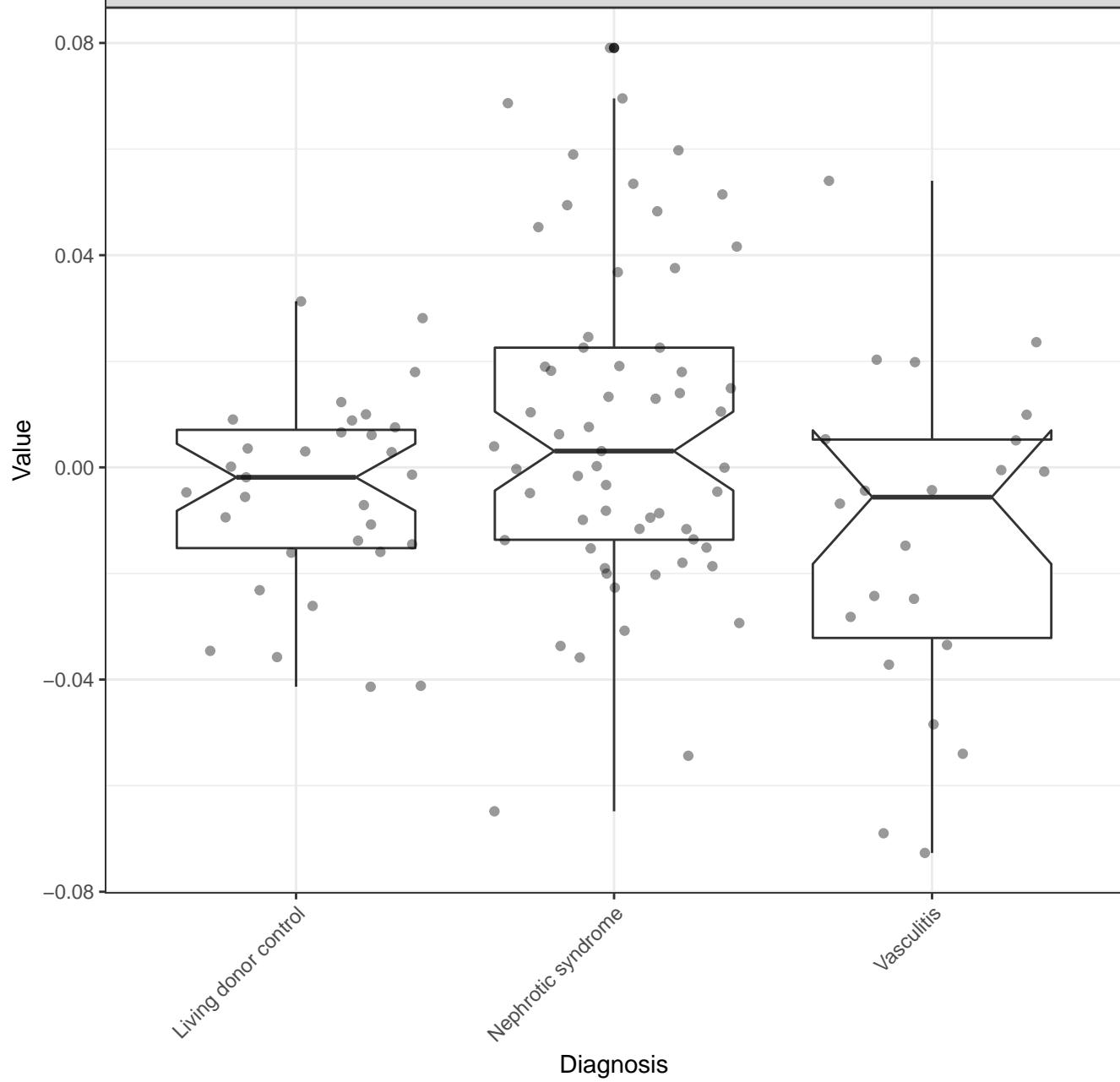
Vasculitis

Diagnosis





LV 303



Value

0.05

0.00

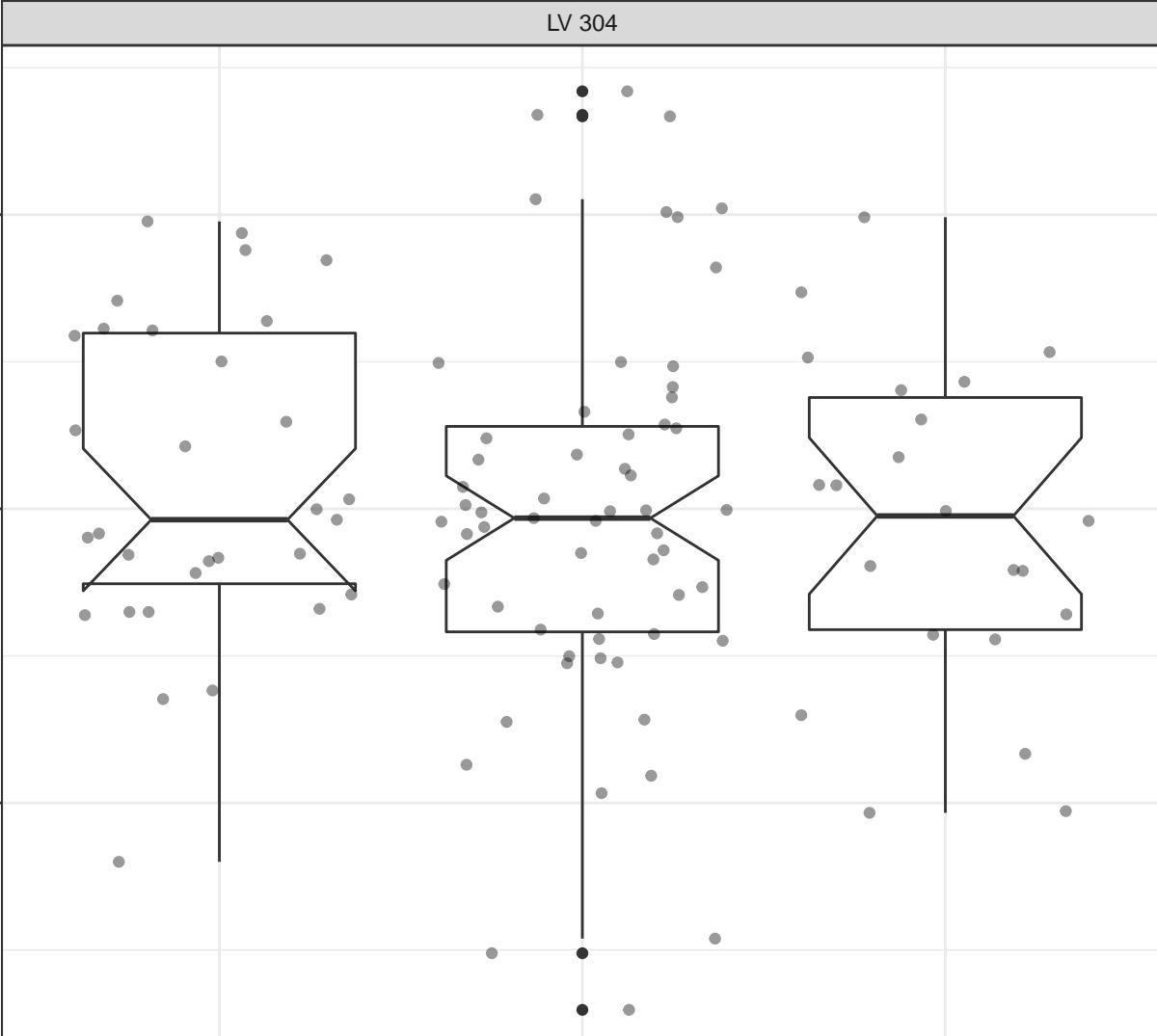
-0.05

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

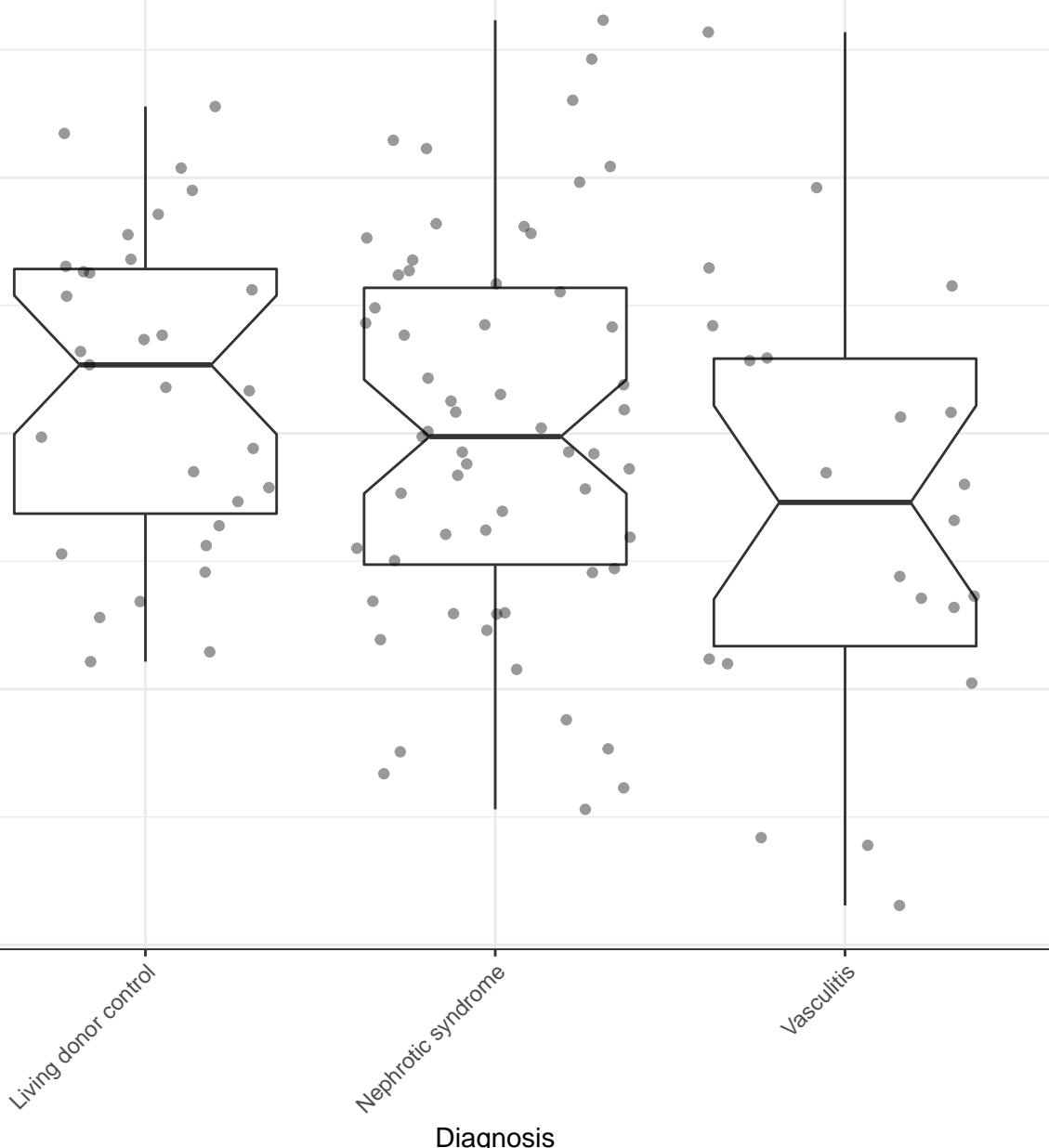
-0.08

Living donor control

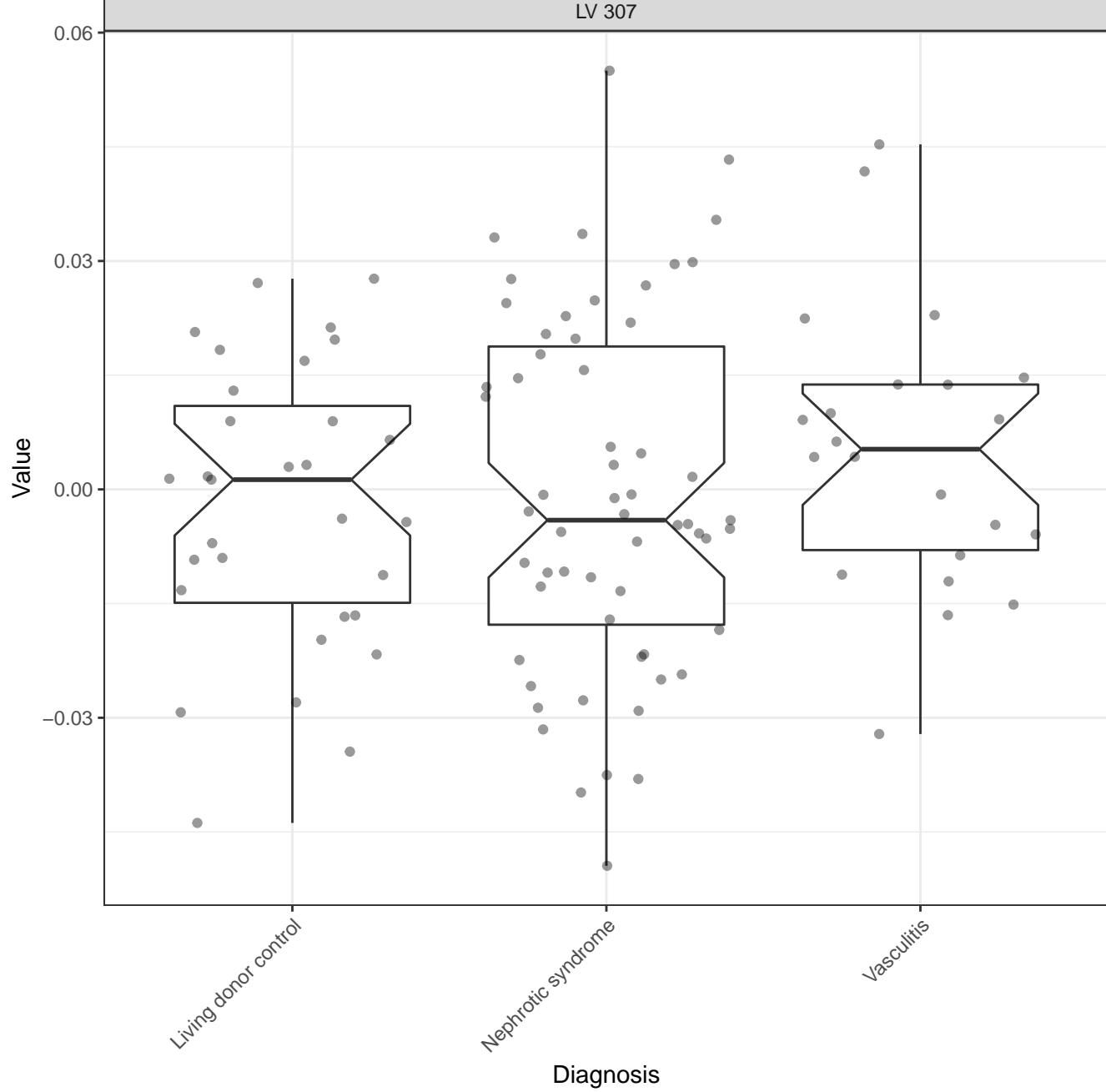
Nephrotic syndrome

Vasculitis

Diagnosis



LV 307



Value

0.05

0.00

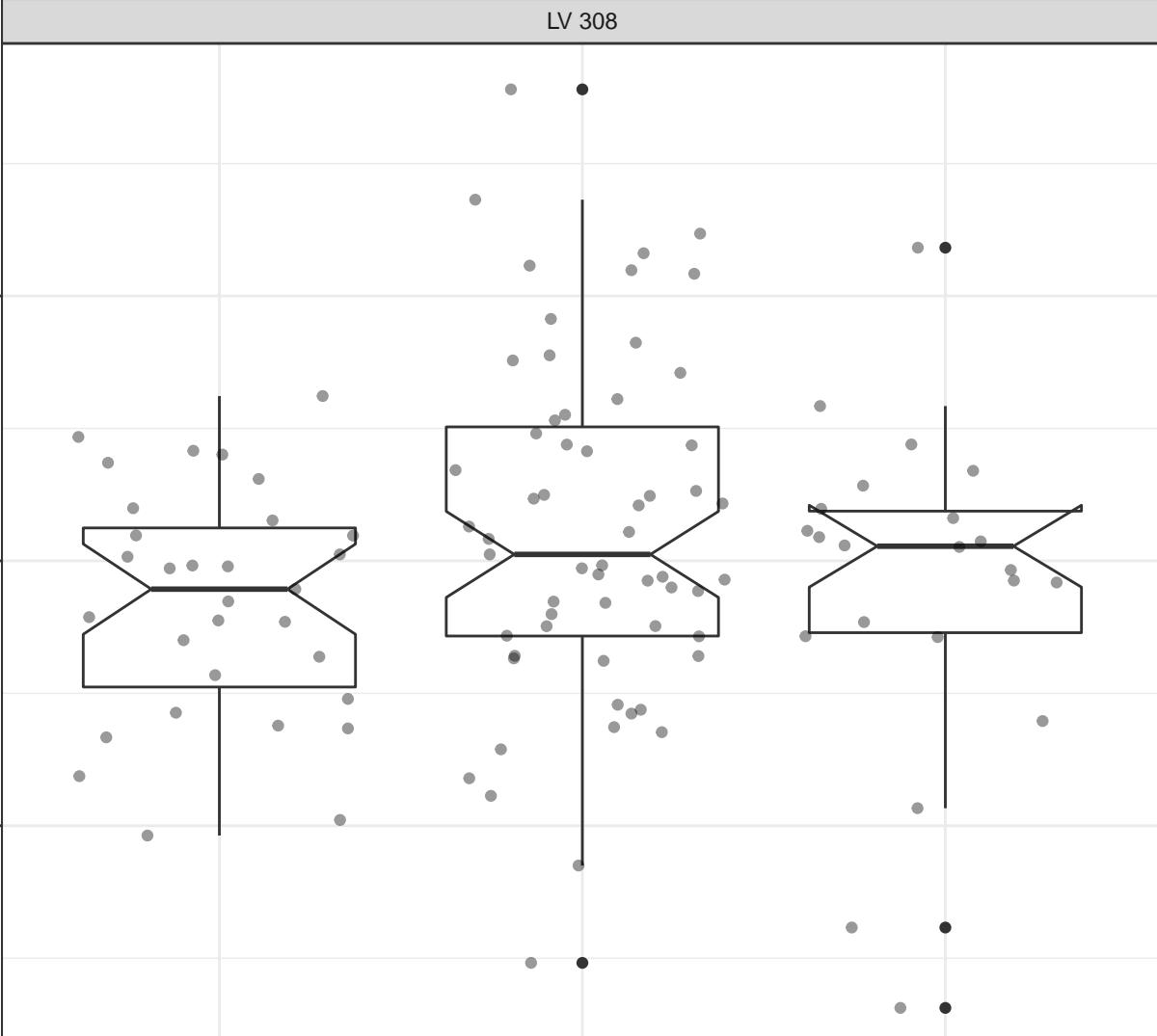
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 309

Value

0.05

0.01

-0.01

-0.05

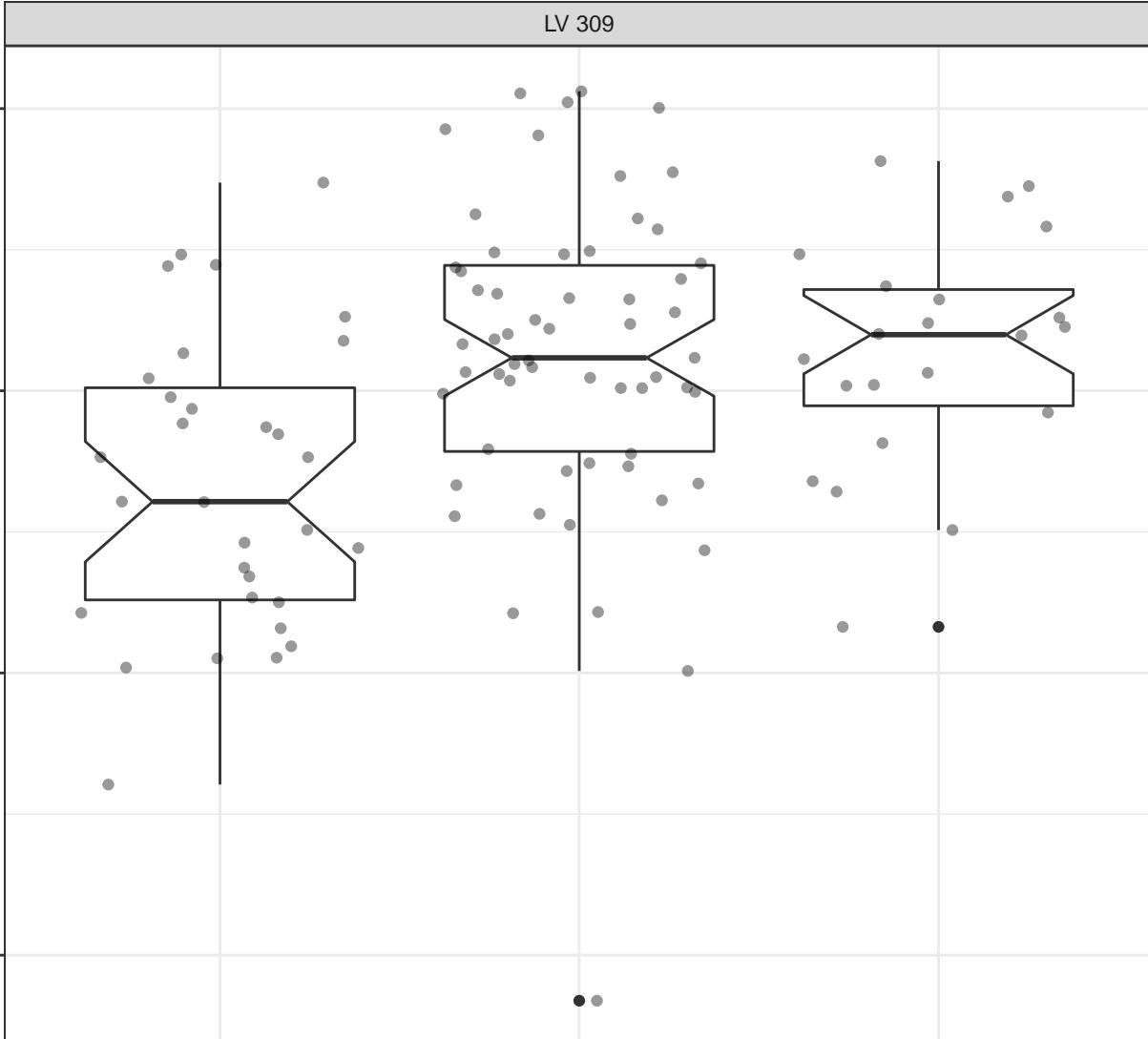
-0.10

Living donor control

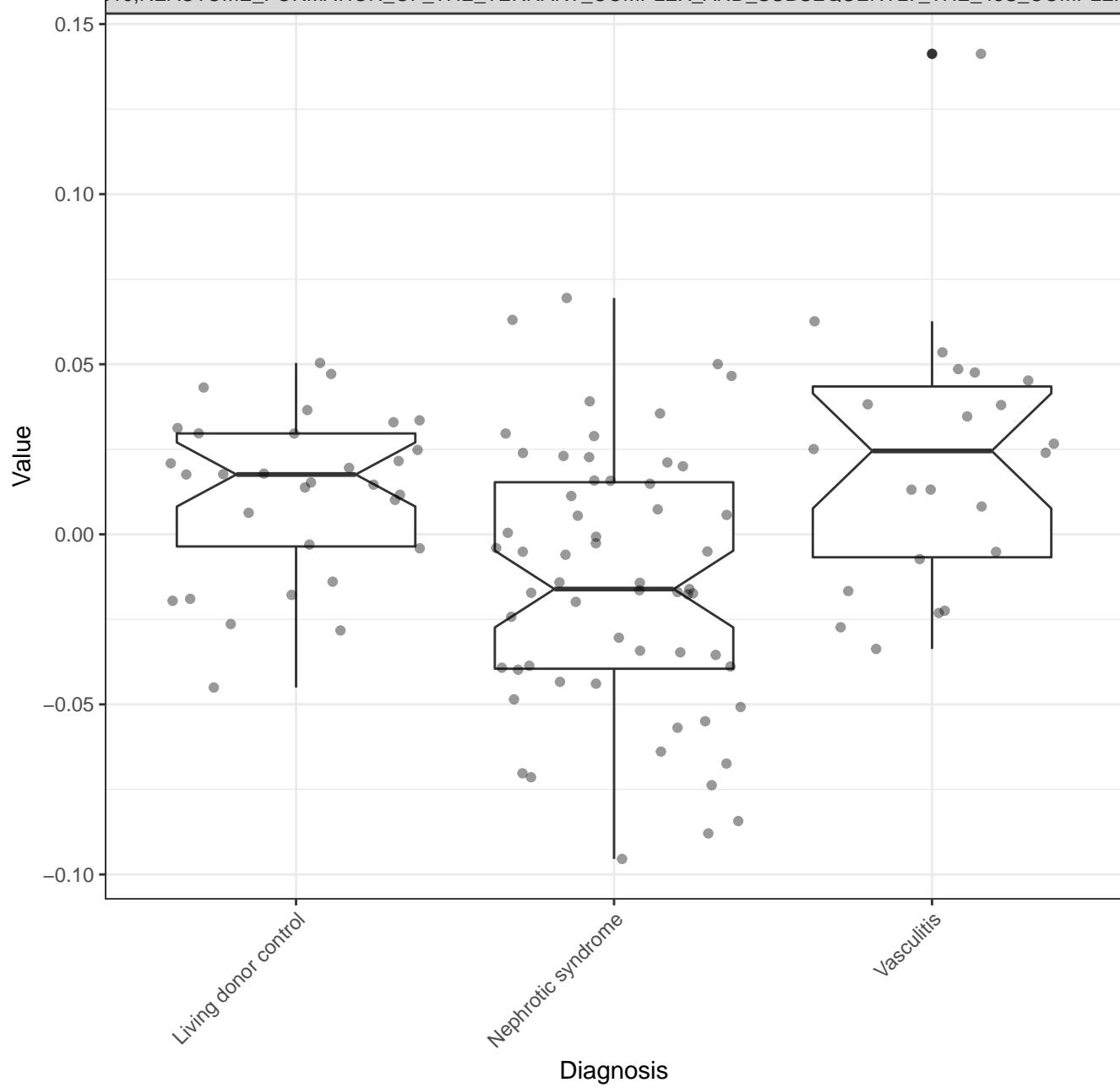
Nephrotic syndrome

Vasculitis

Diagnosis



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



LV 311

Value

0.05

0.00

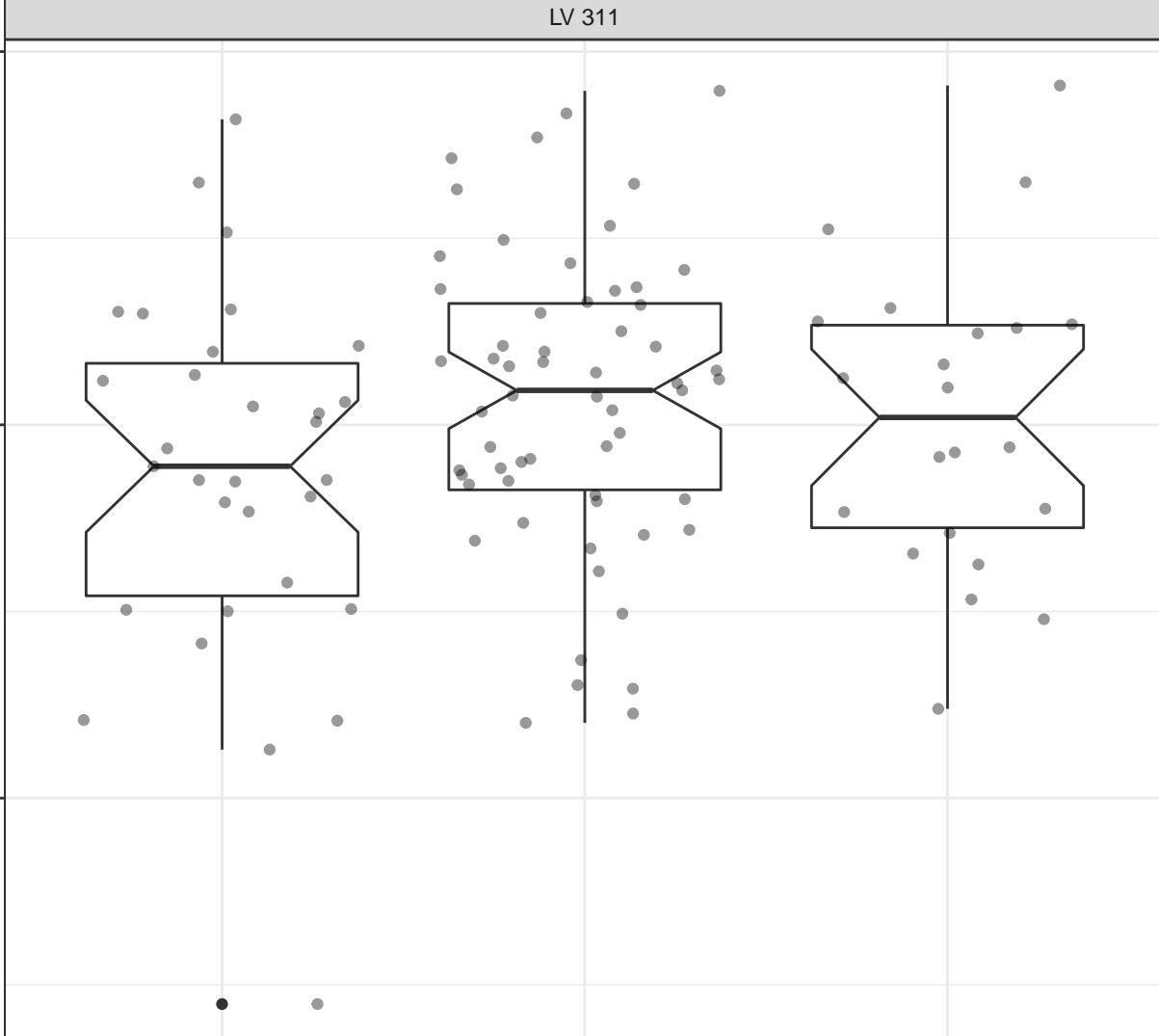
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 312

Value

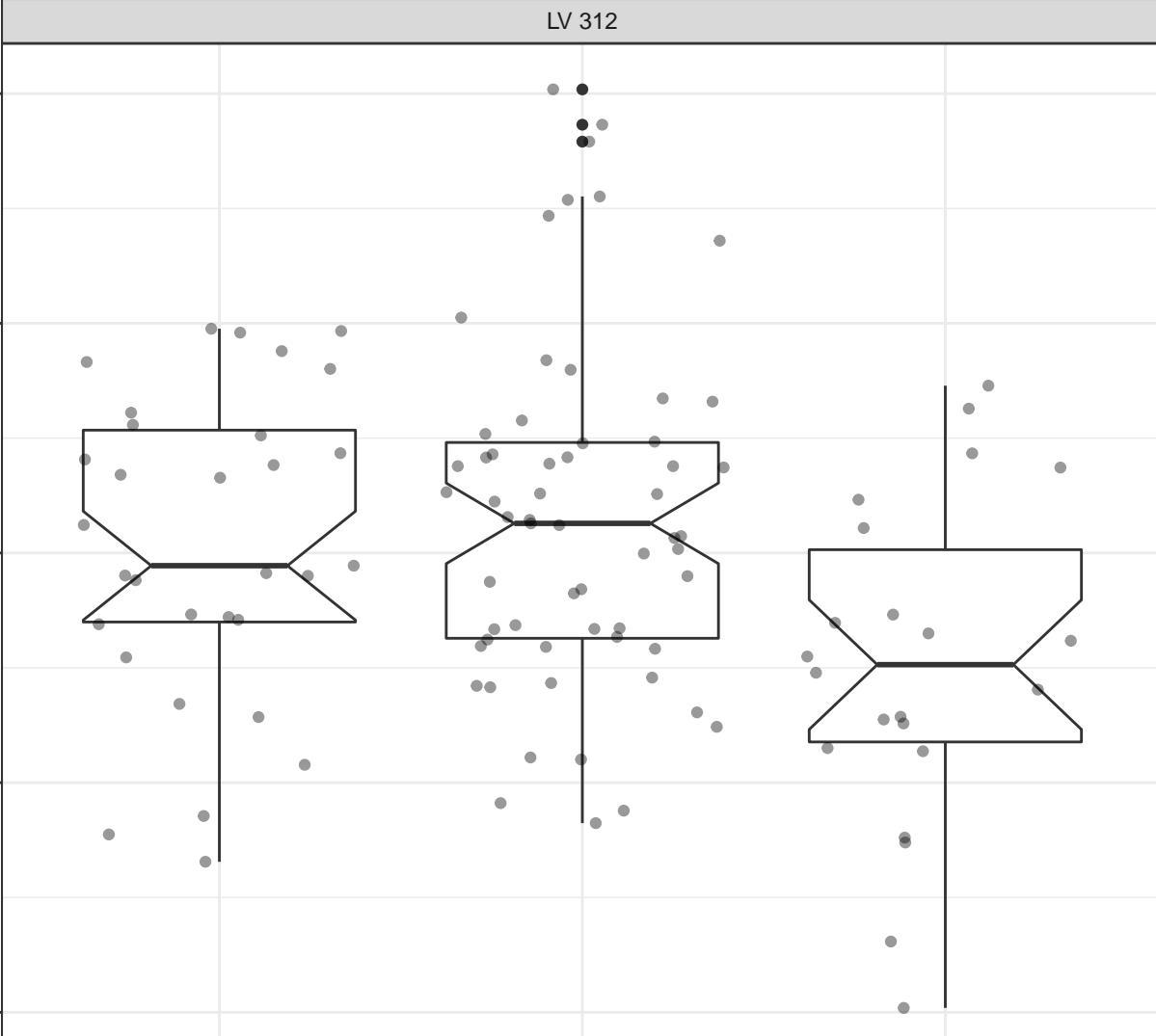
0.06  
0.03  
0.00  
-0.03  
-0.06

Living donor control

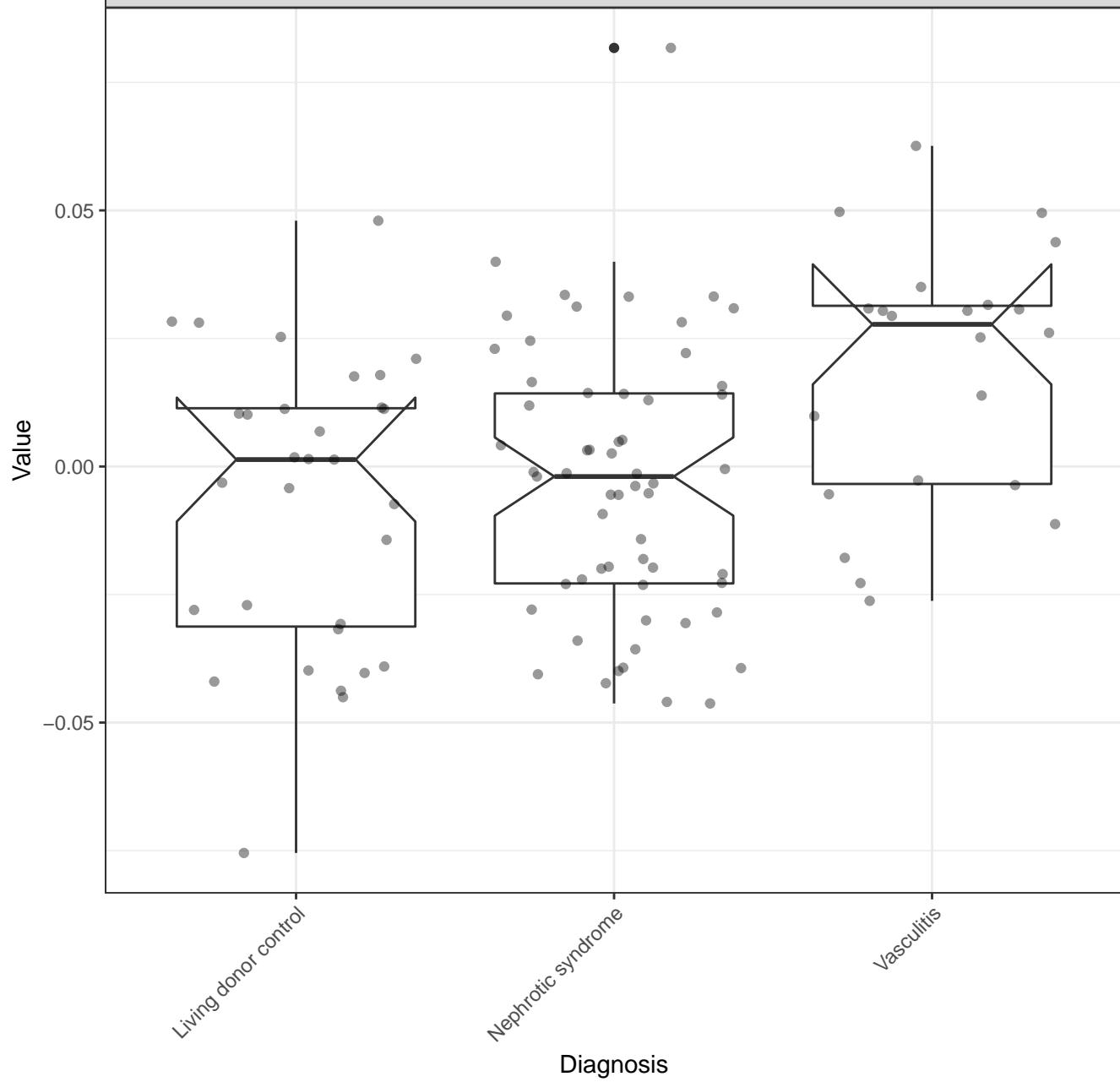
Nephrotic syndrome

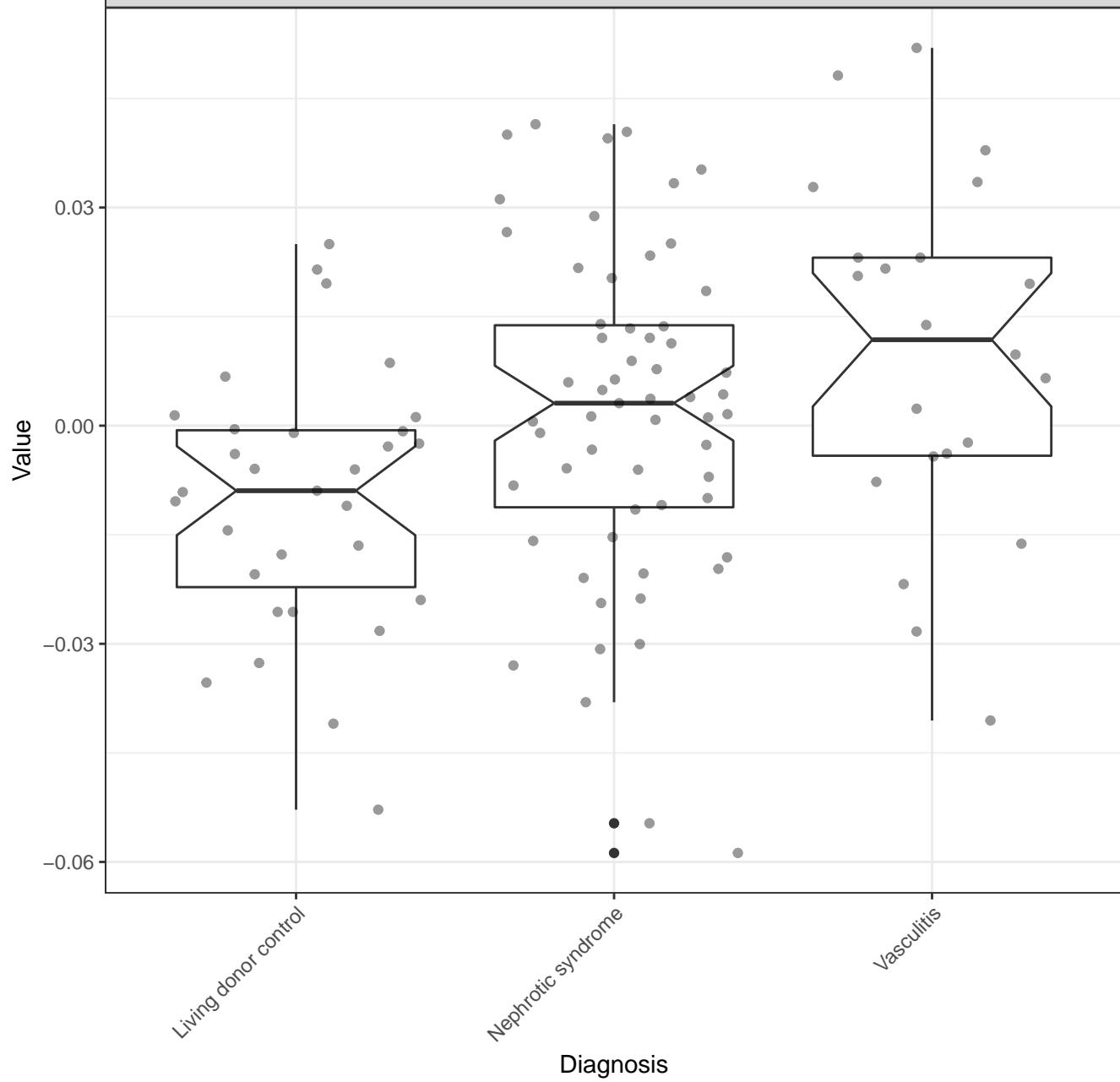
Vasculitis

Diagnosis



LV 313





Value

0.04

0.00

-0.04

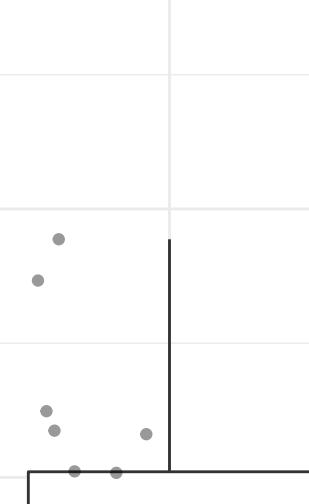
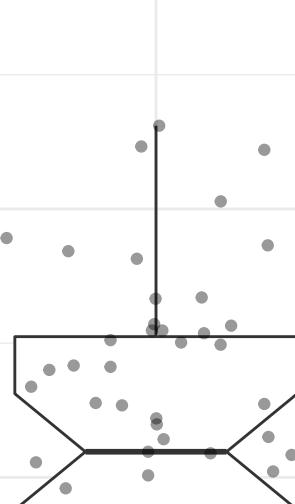
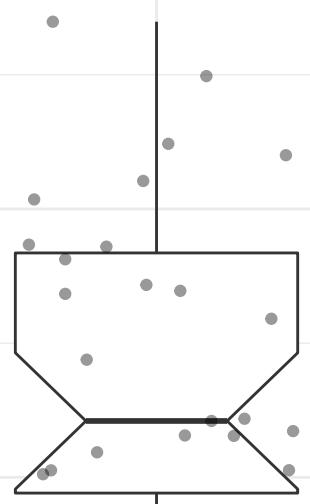
-0.08

Living donor control

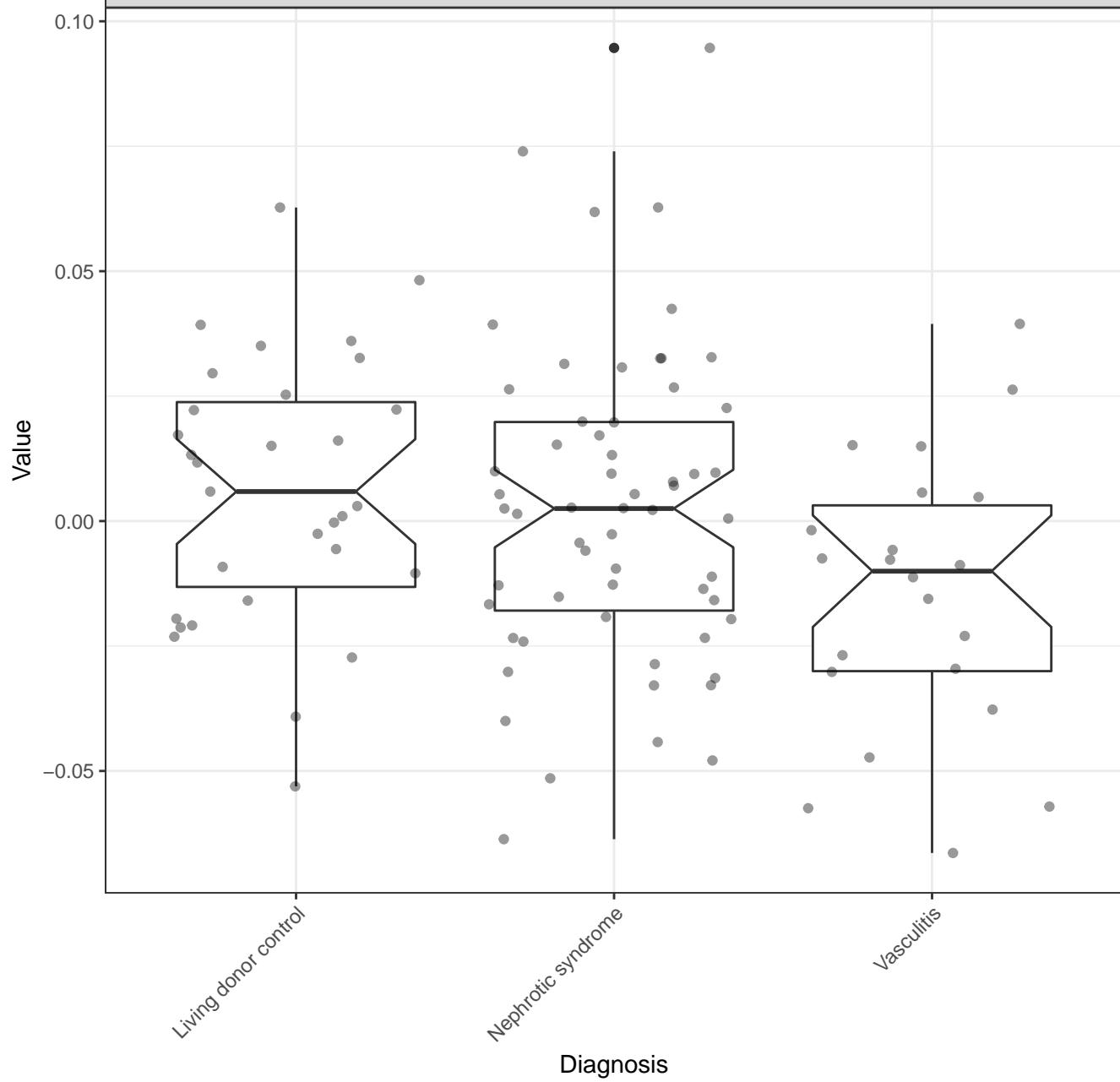
Nephrotic syndrome

Vasculitis

Diagnosis



LV 316



LV 317

Value

0.10

0.05

0.00

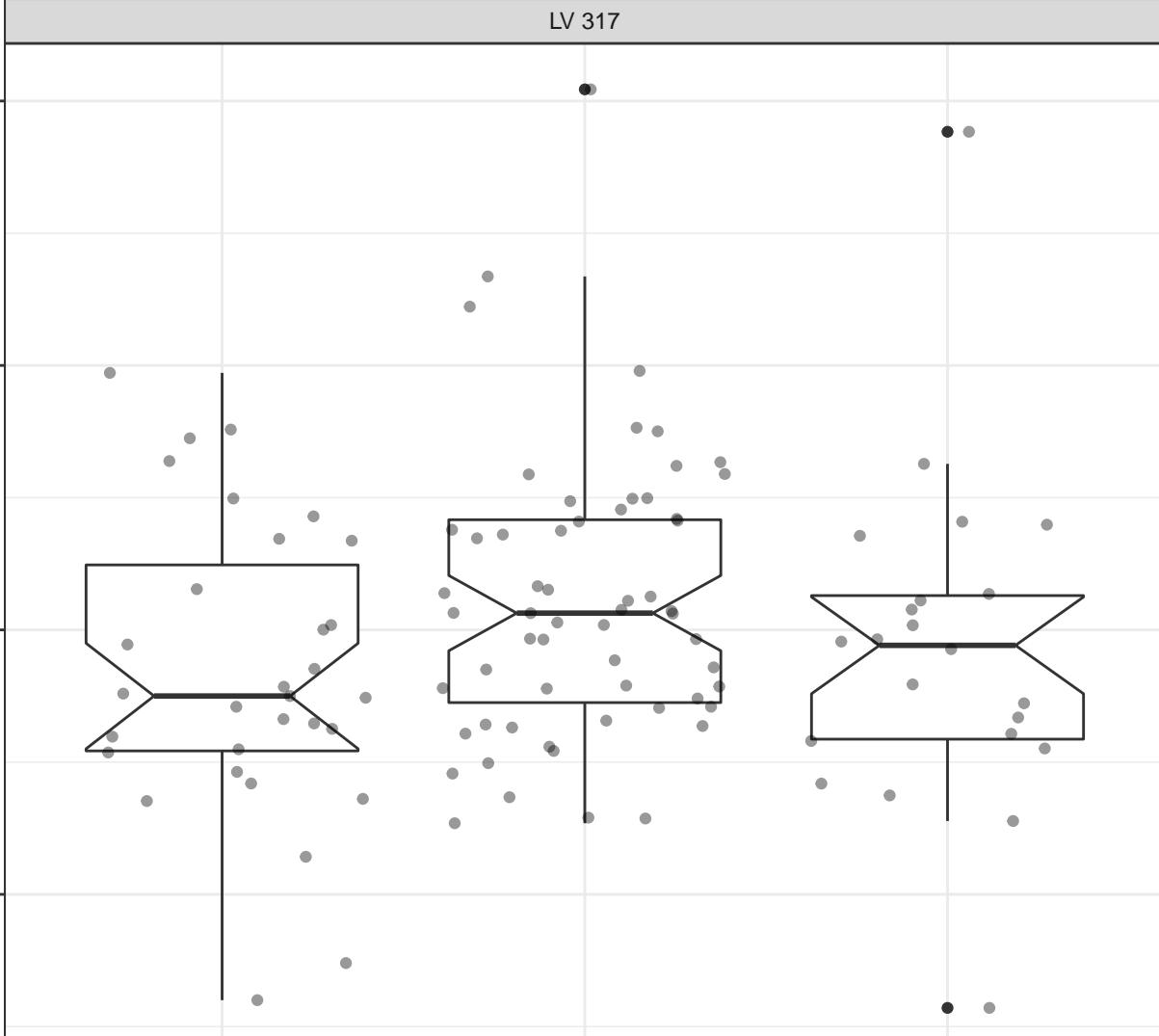
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

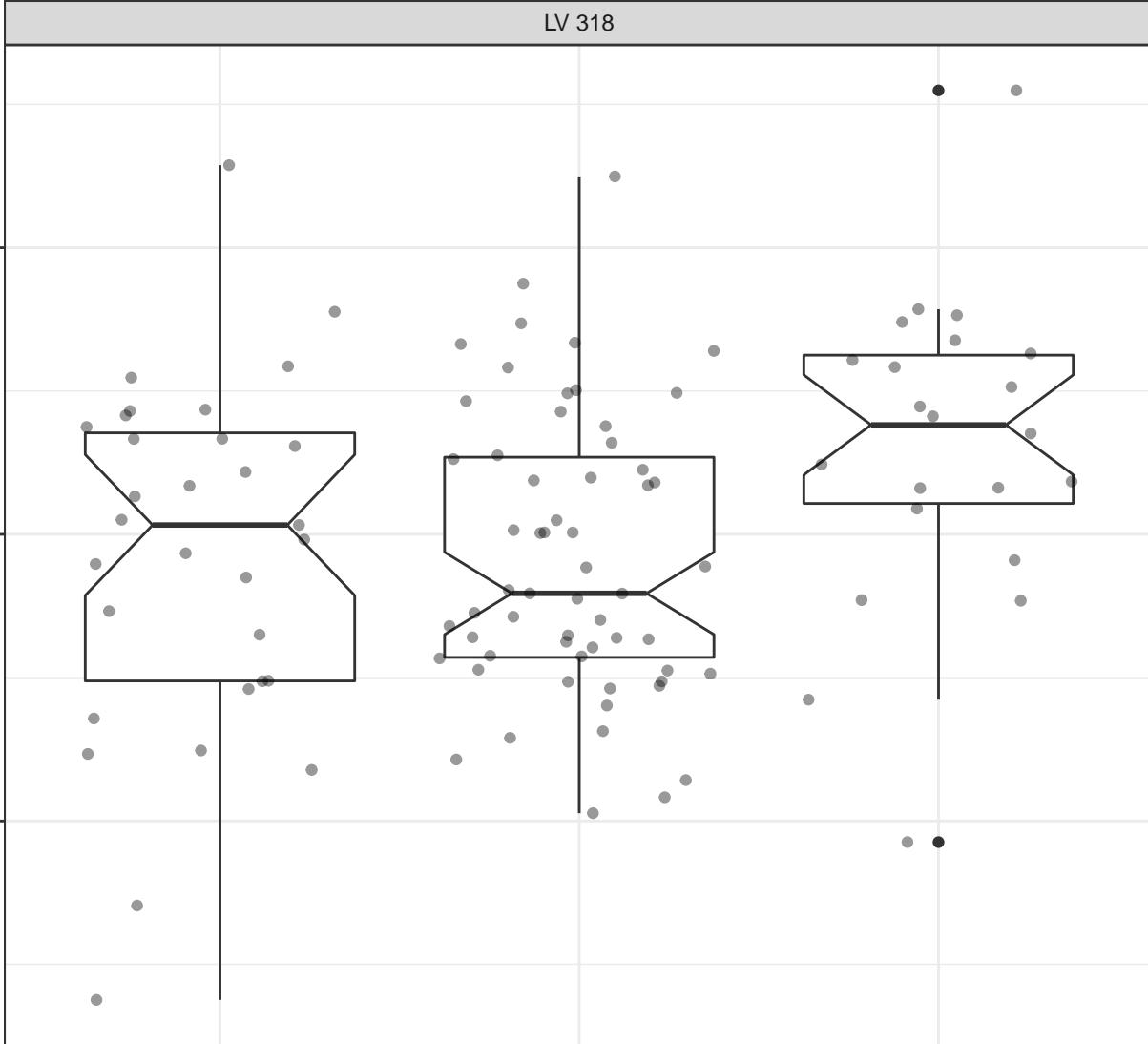
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

-0.05

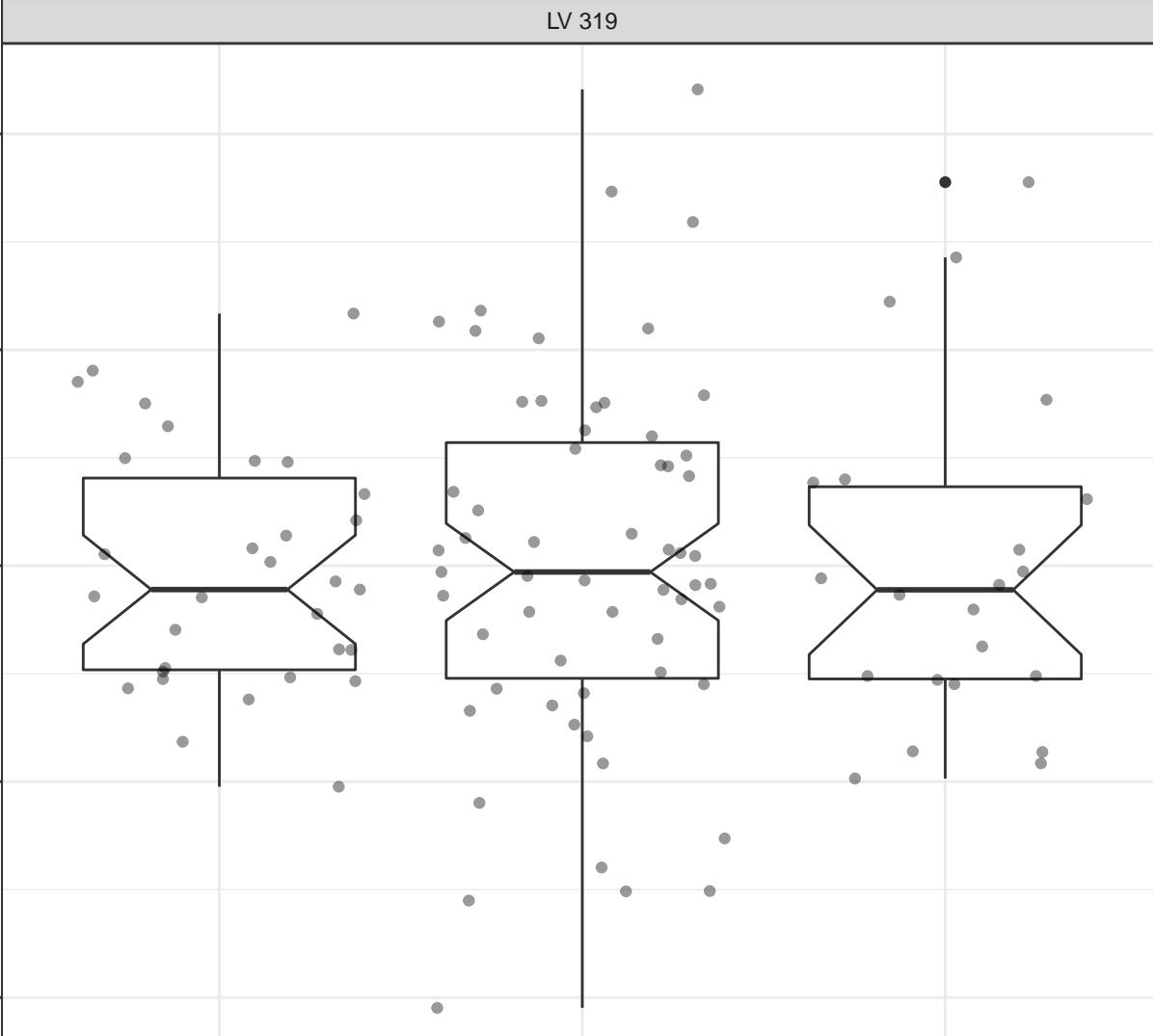
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

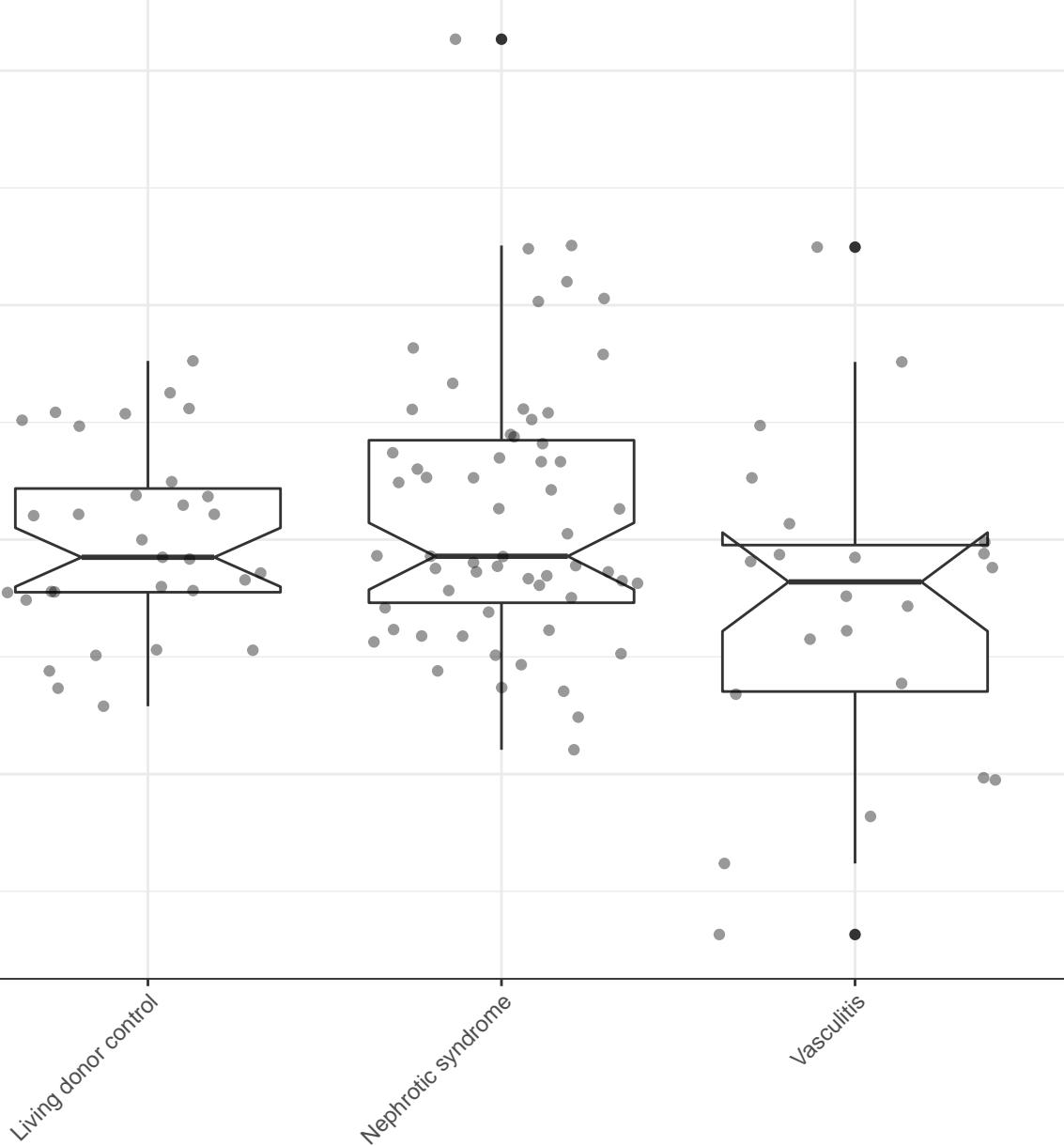
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

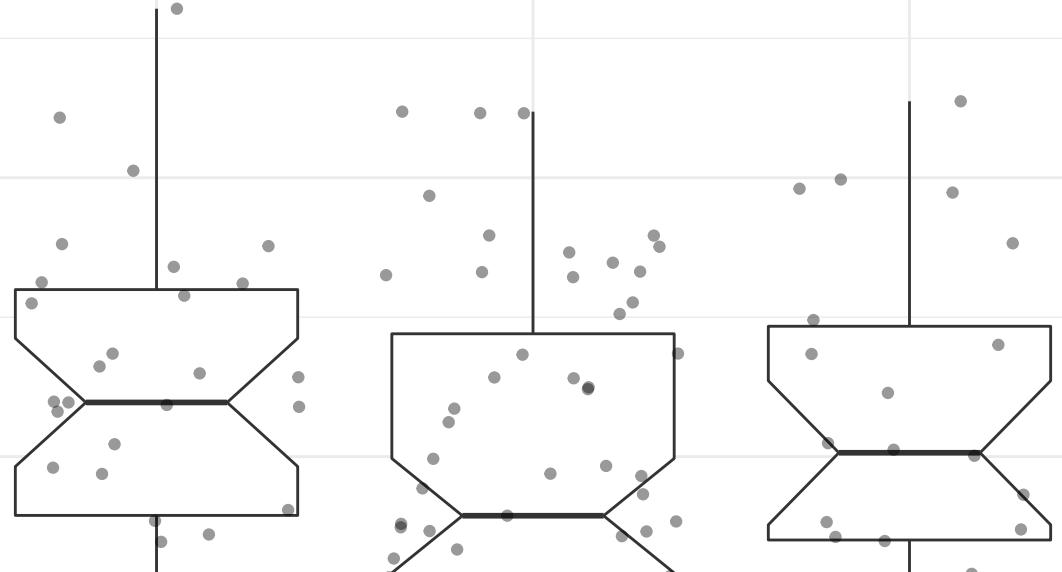
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

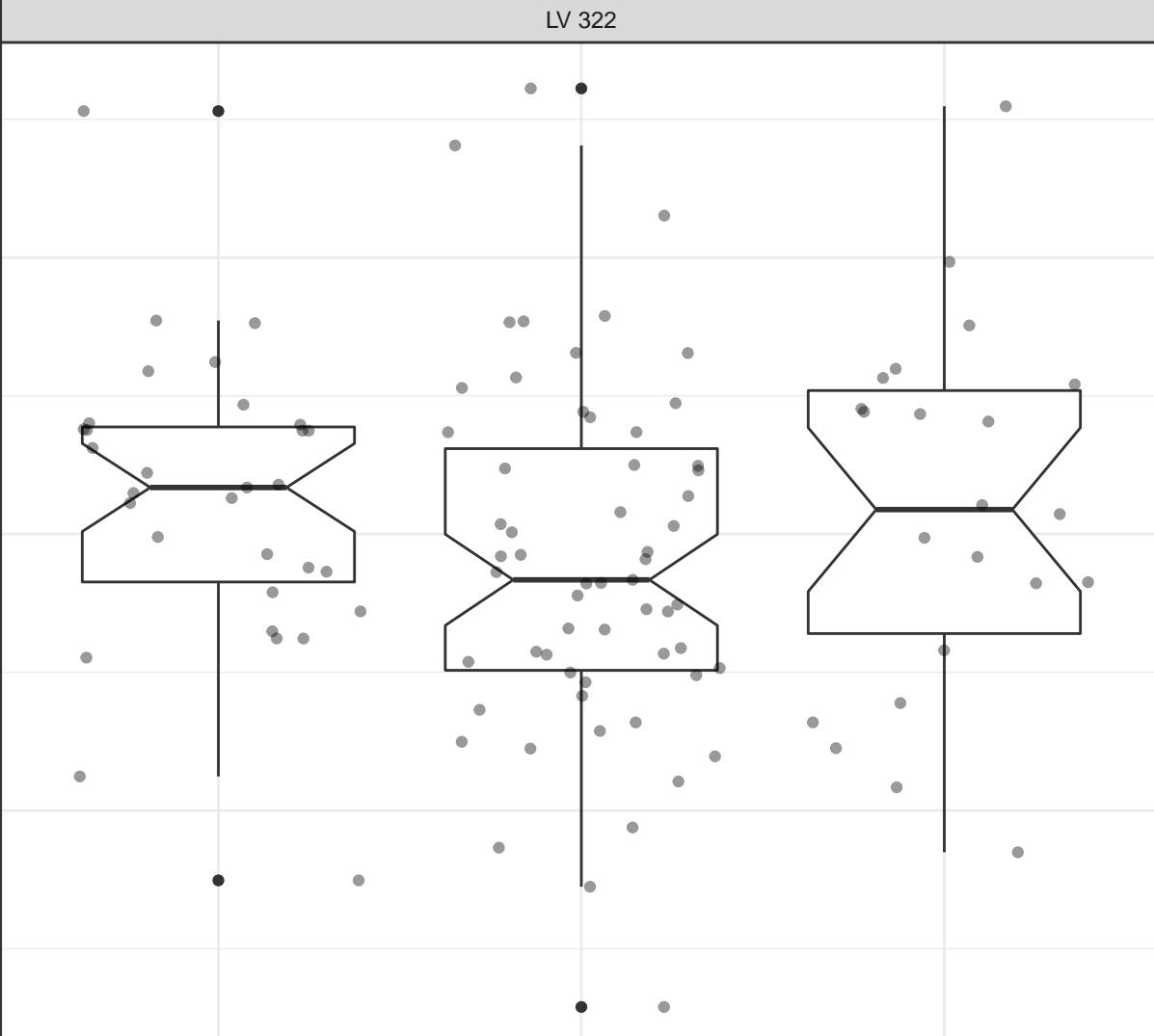
-0.04

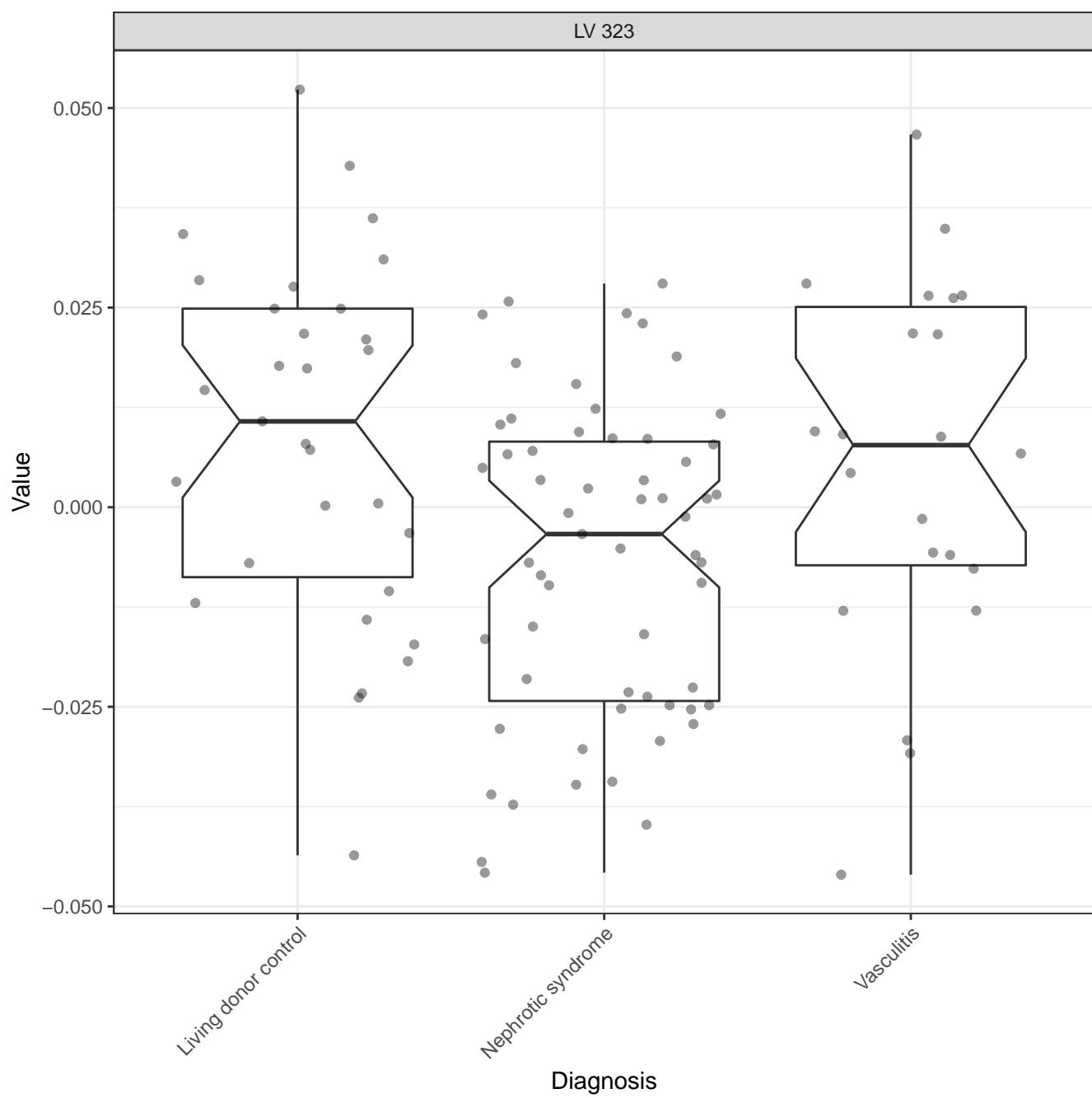
Living donor control

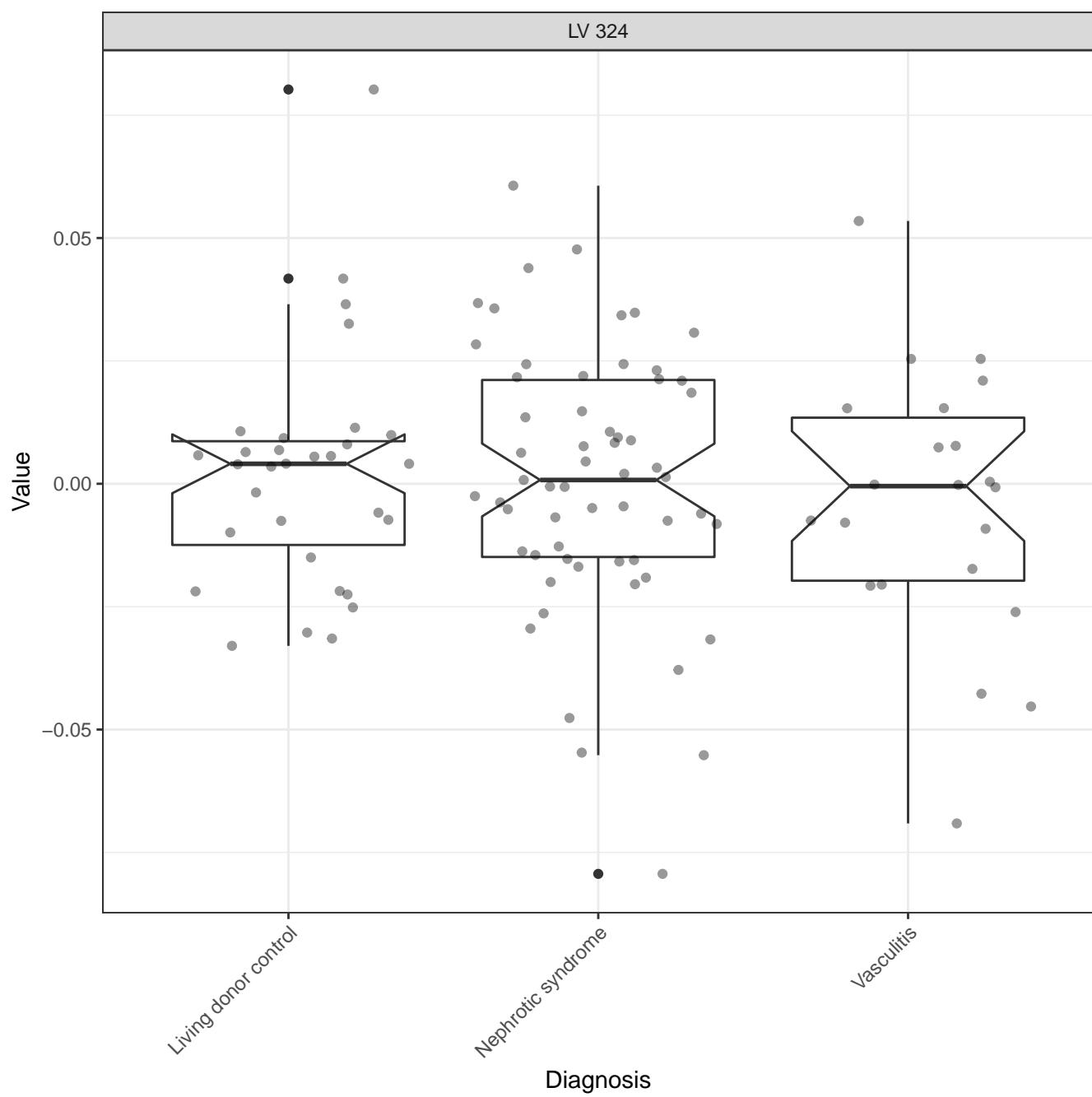
Nephrotic syndrome

Vasculitis

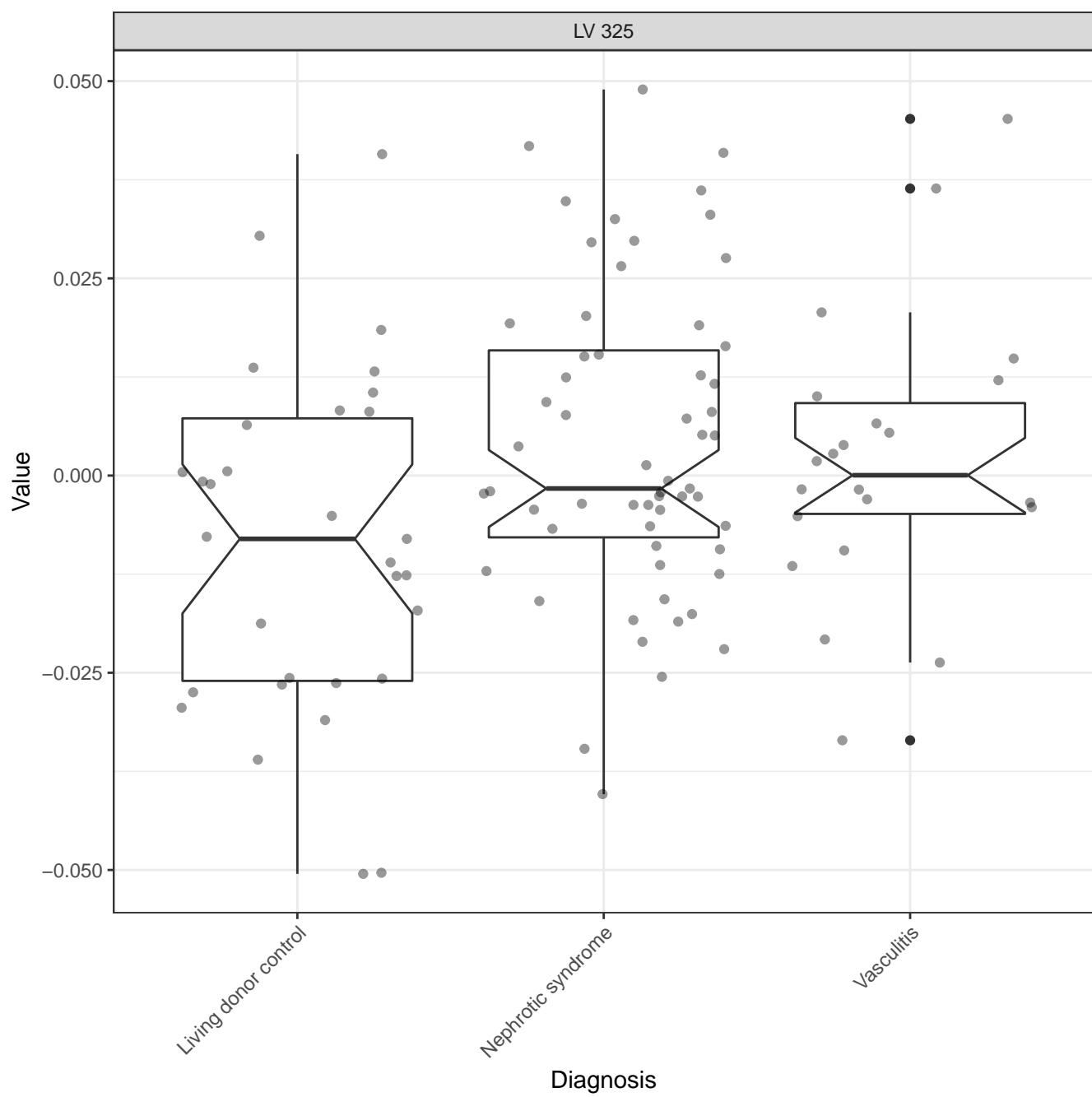
Diagnosis



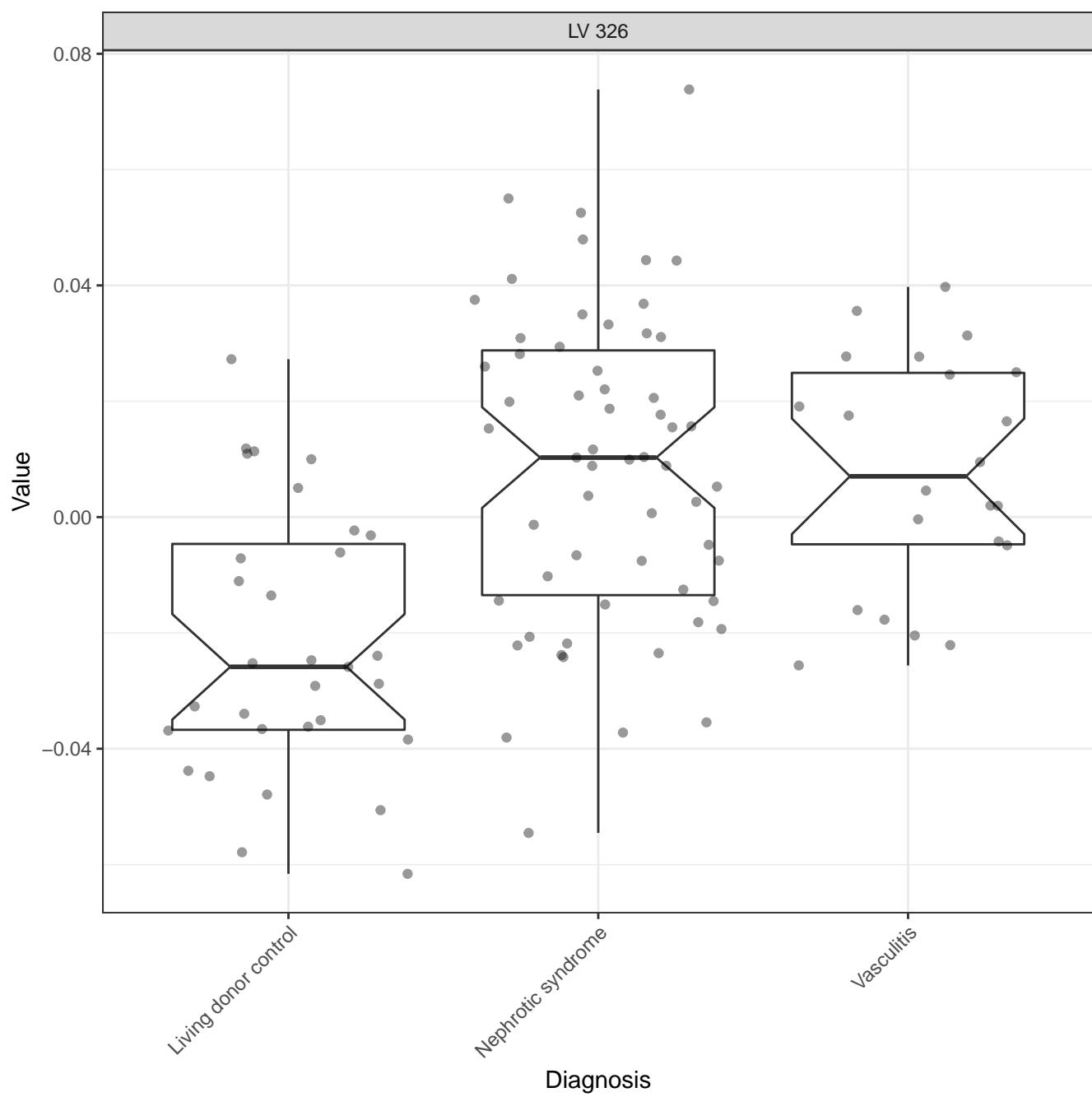




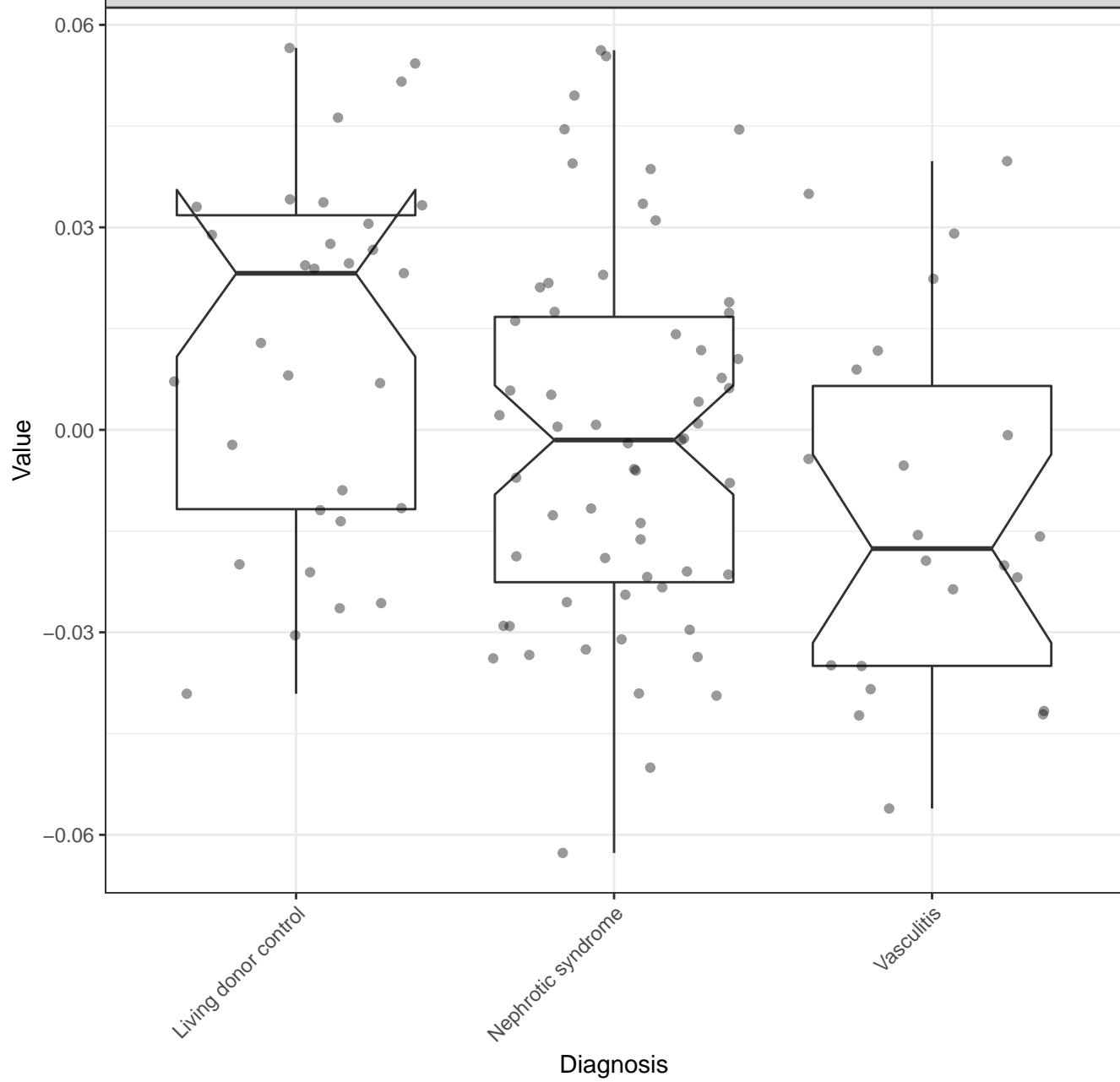
LV 325



LV 326



LV 327



Value

0.05

0.00

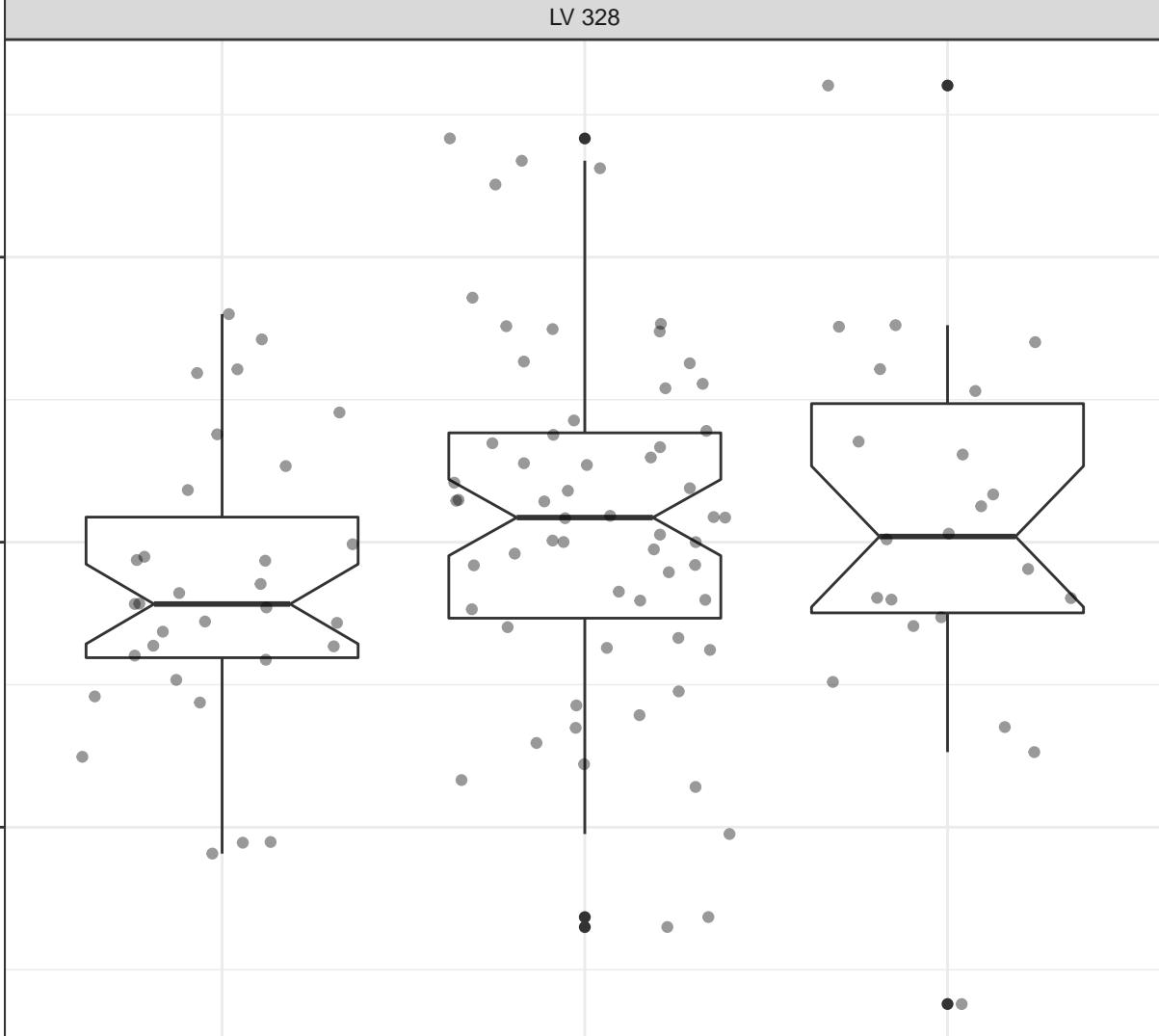
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

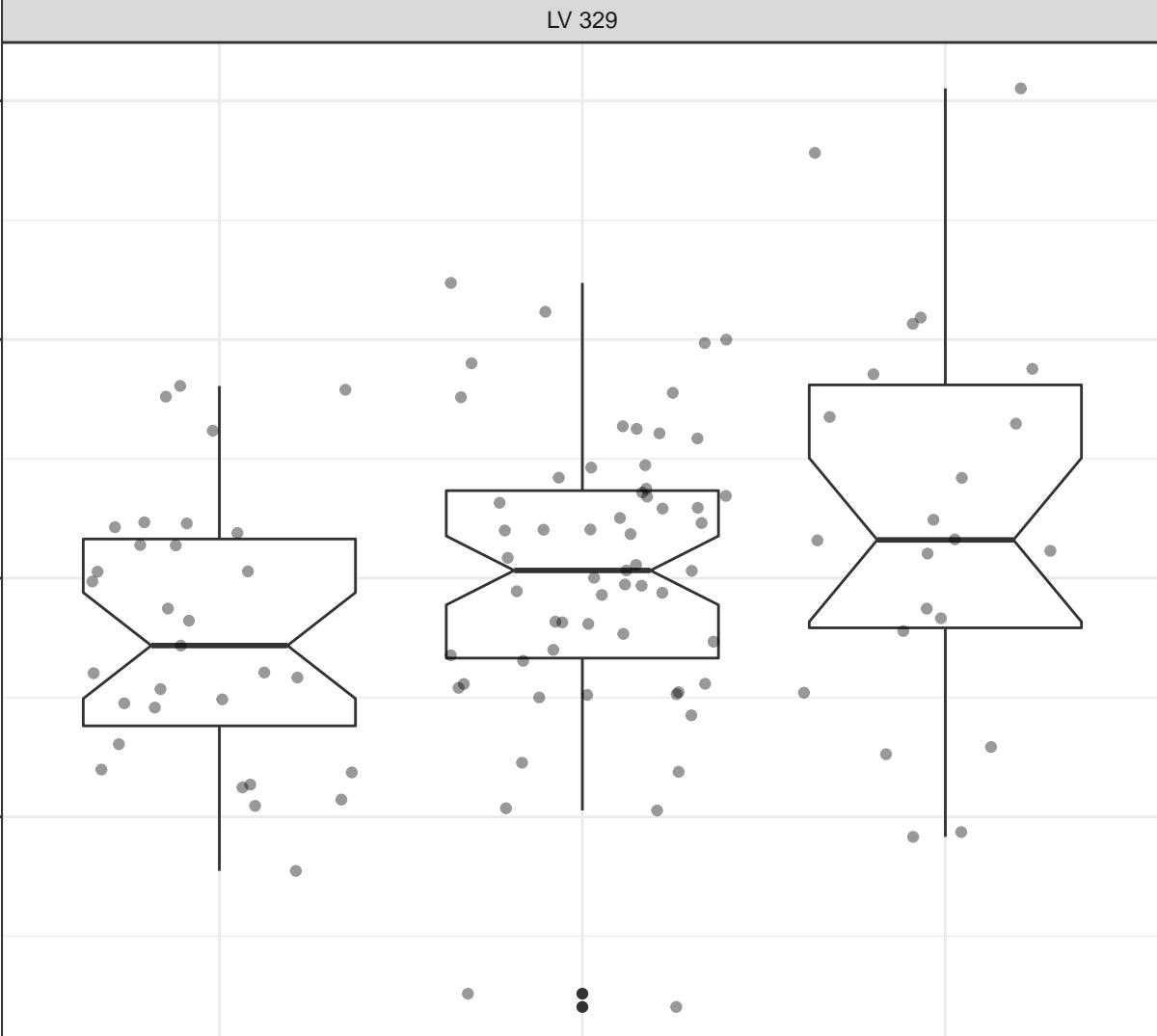
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 330

Value

0.05

0.00

-0.05

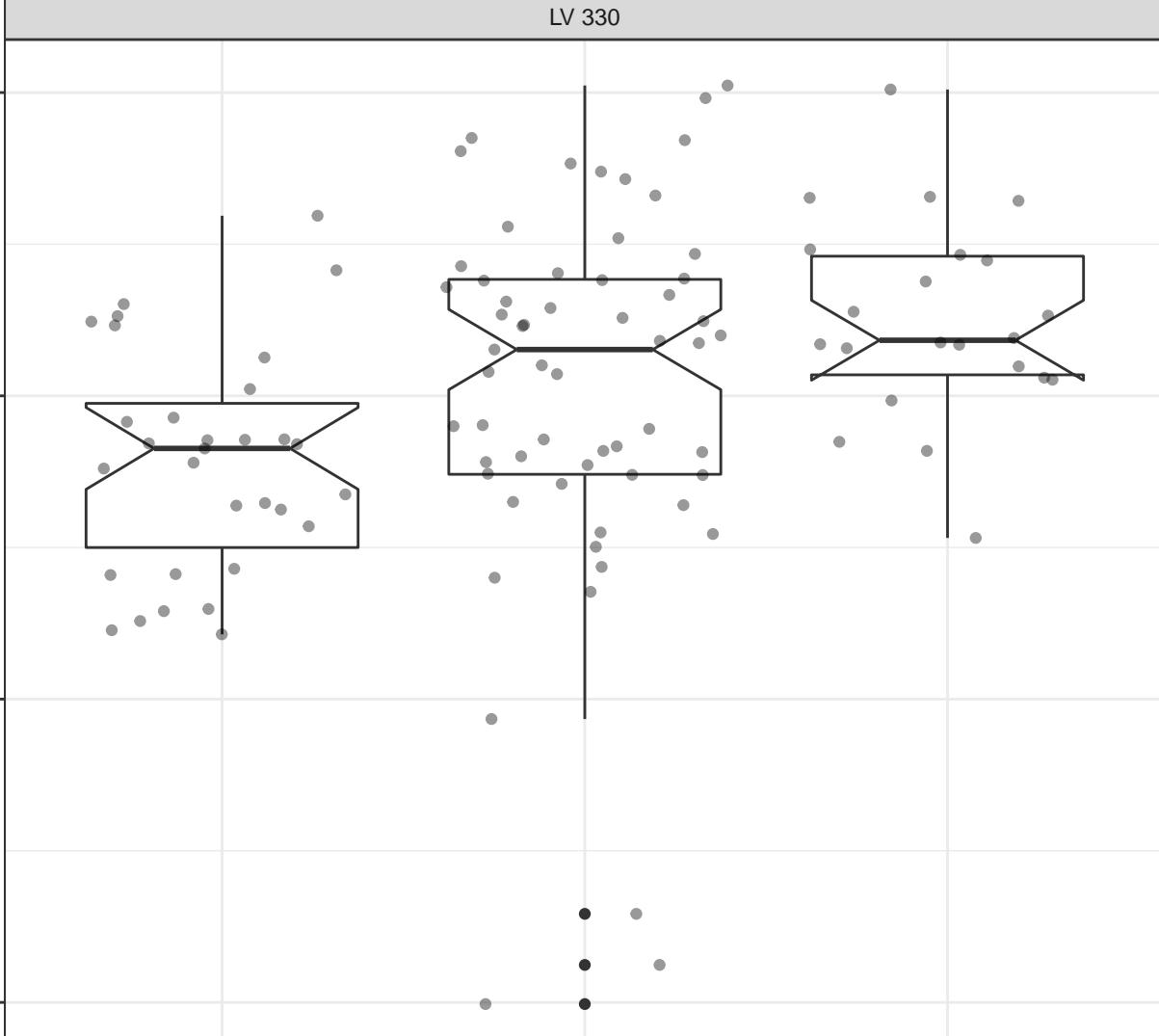
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 331

Value

0.04

0.02

0.00

-0.02

-0.04

-0.06

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 332

Value

0.10

0.05

0.00

-0.05

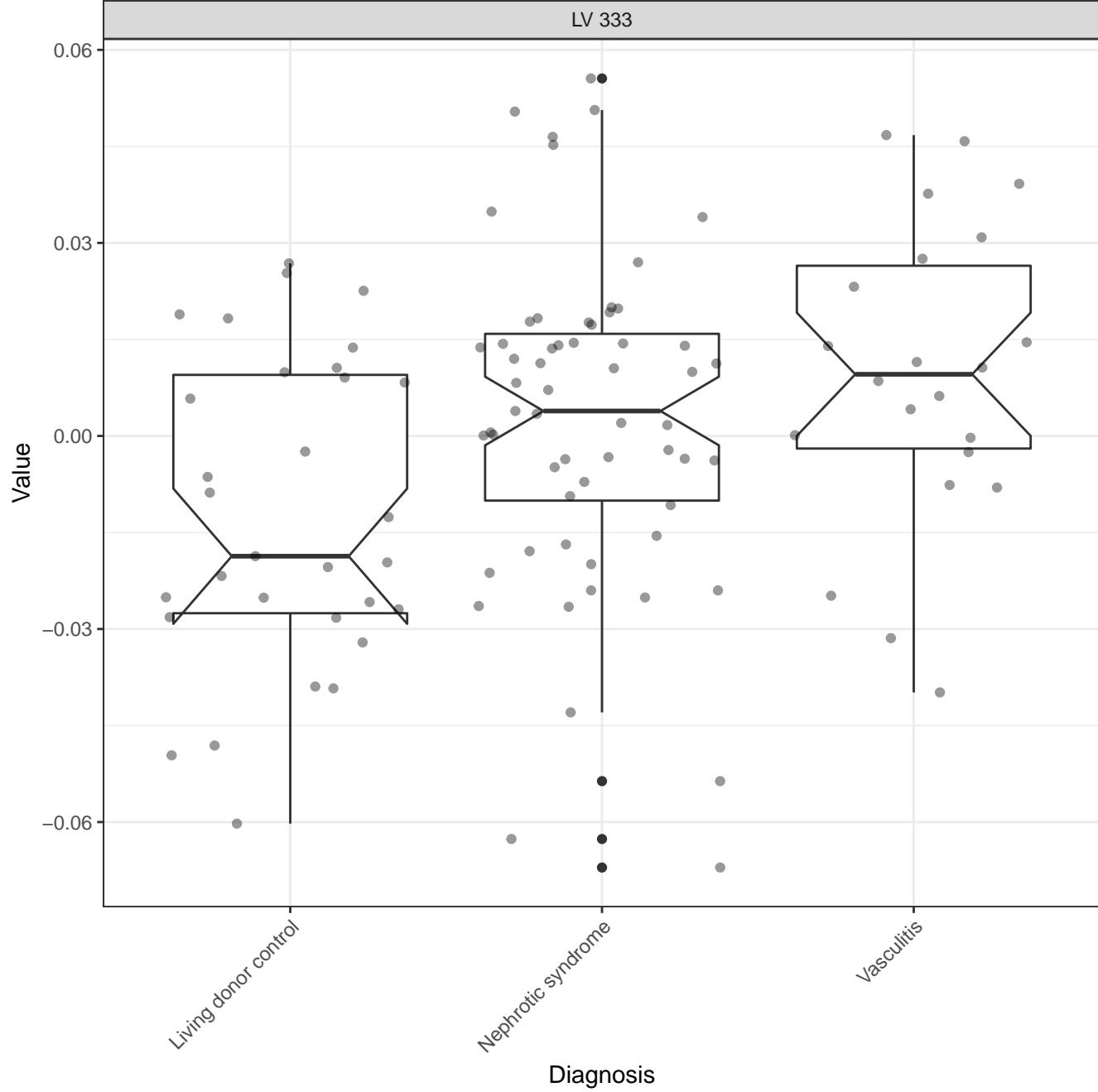
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 333



LV 334

Value

0.10

0.05

0.00

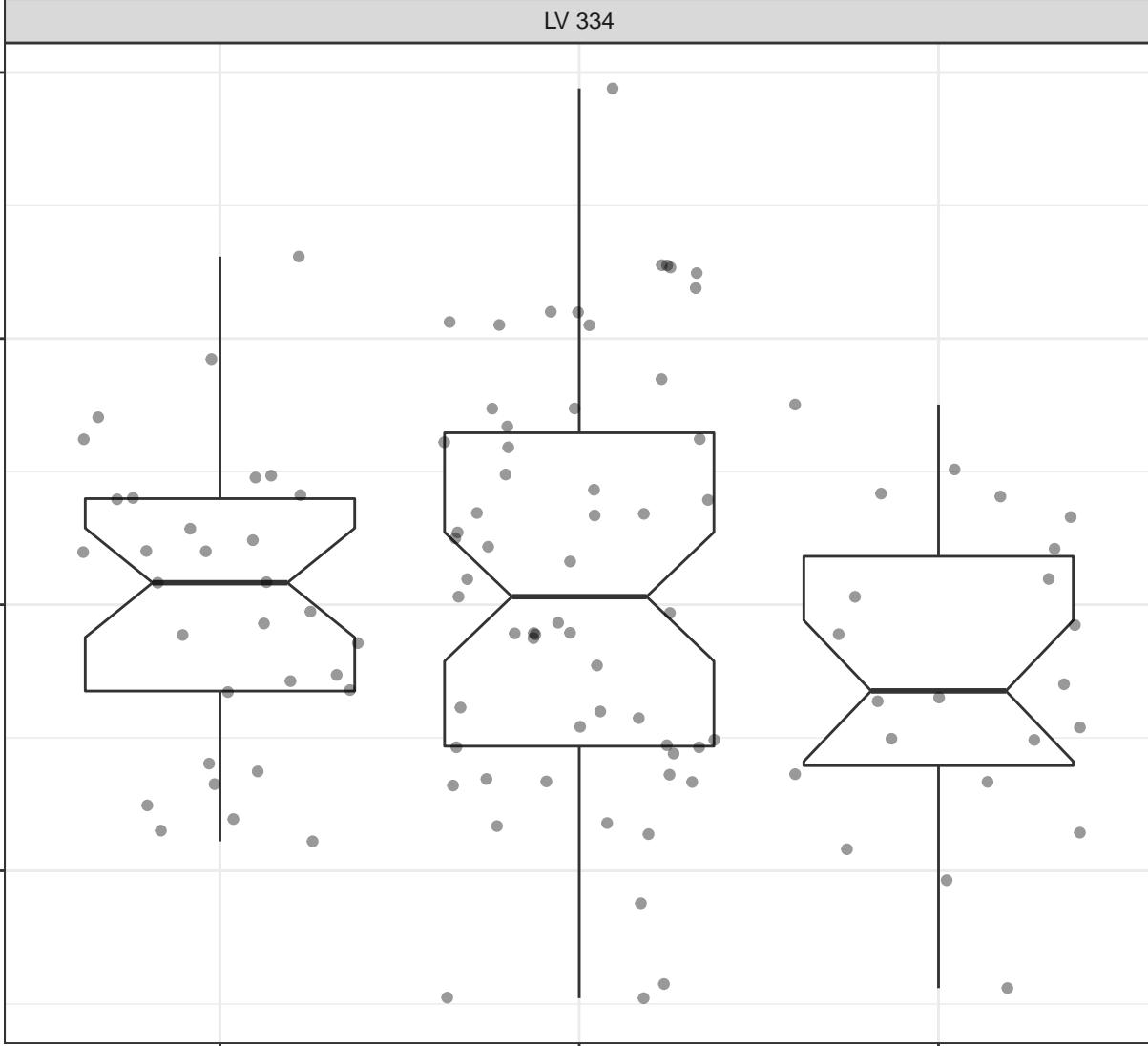
-0.05

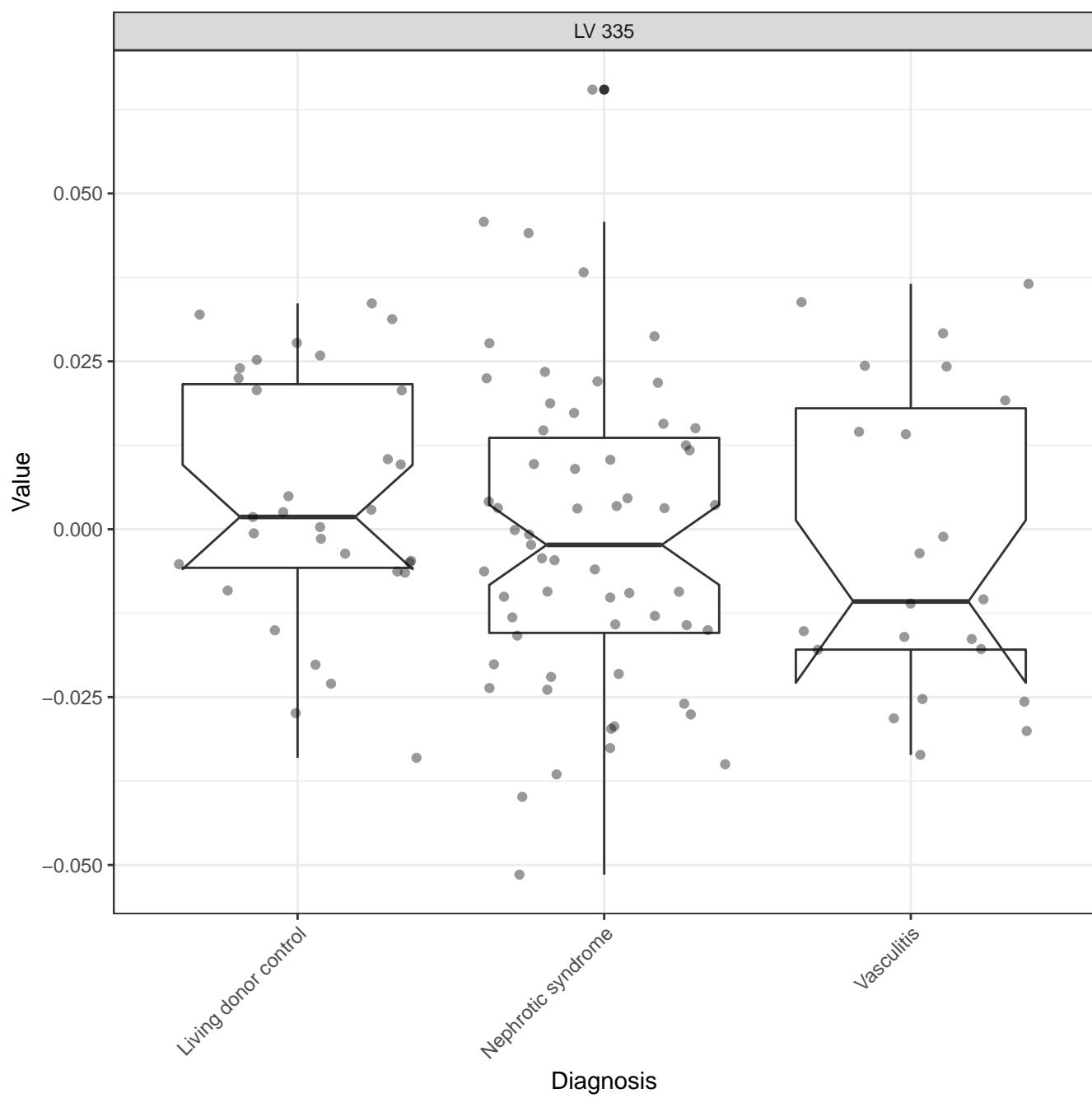
Living donor control

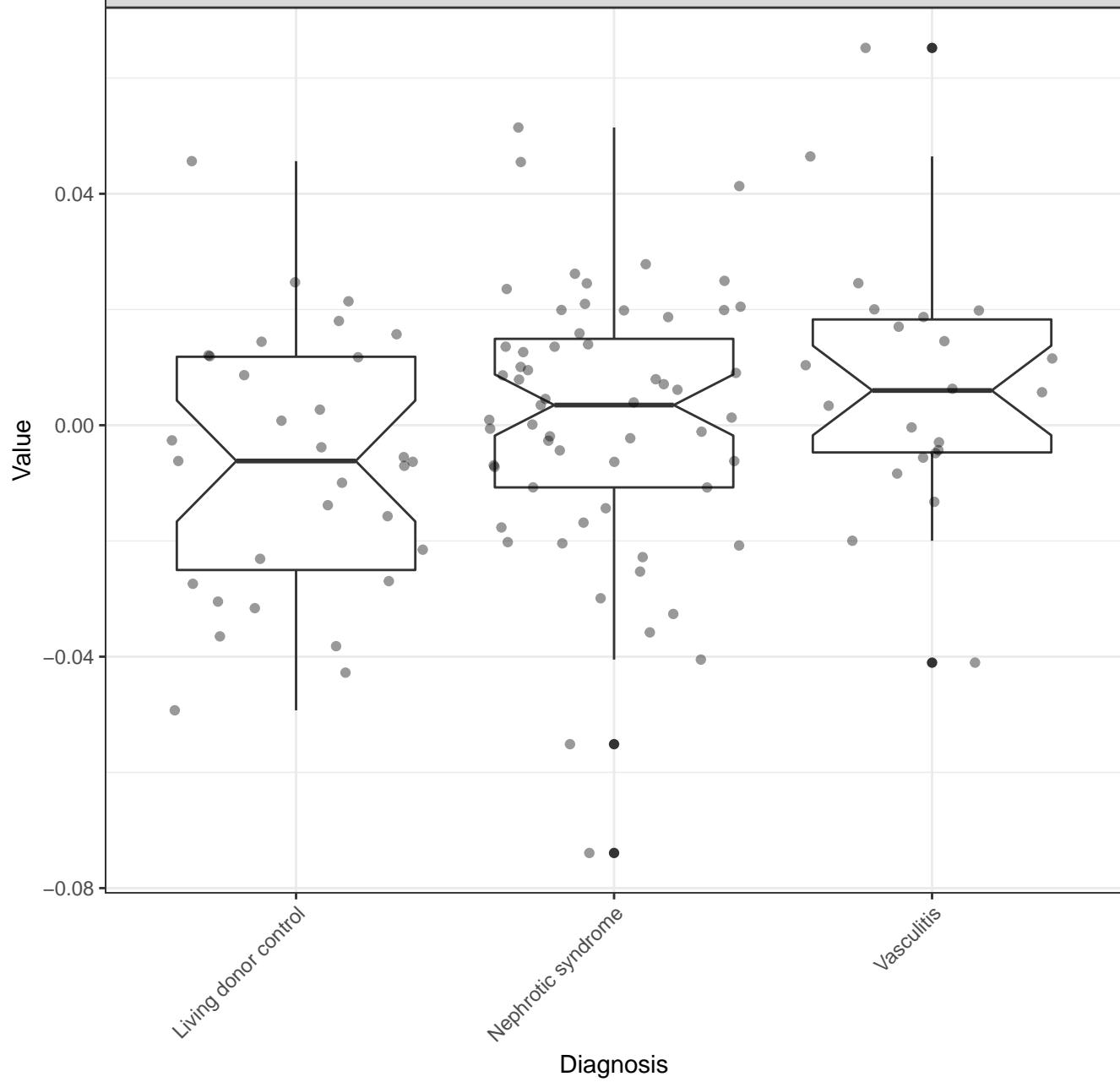
Nephrotic syndrome

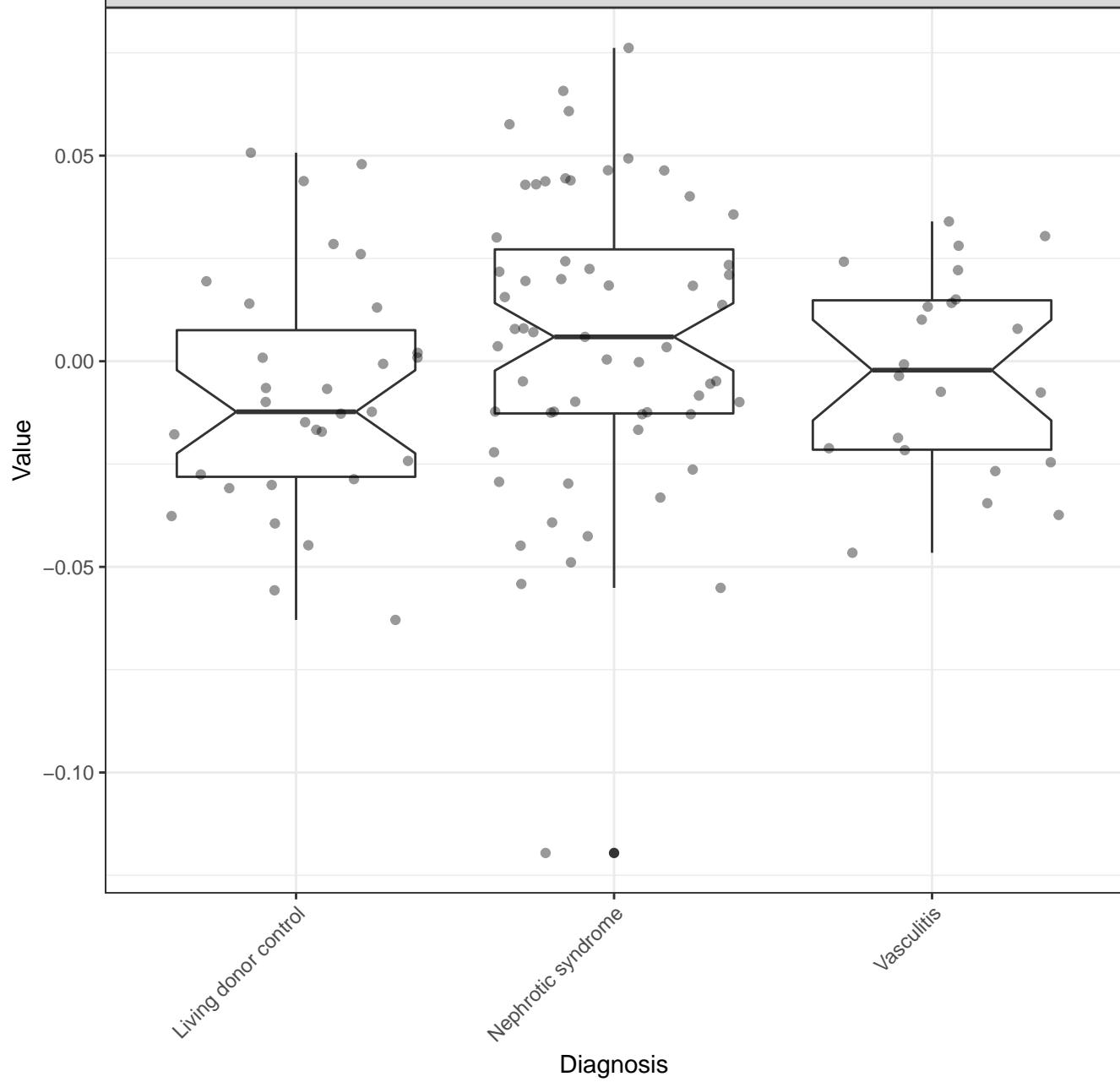
Vasculitis

Diagnosis









LV 338

Value

0.10

0.05

0.00

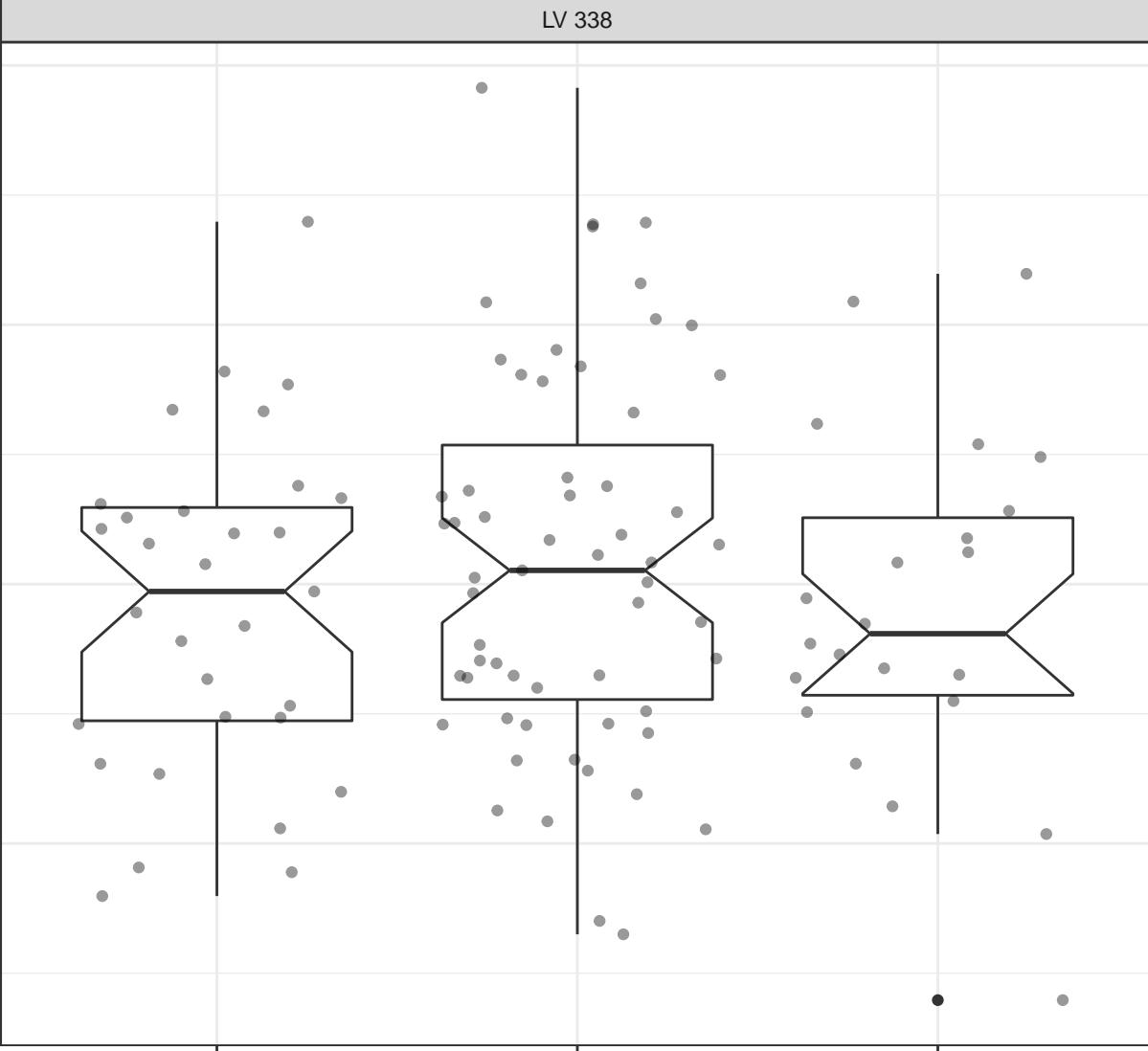
-0.05

Living donor control

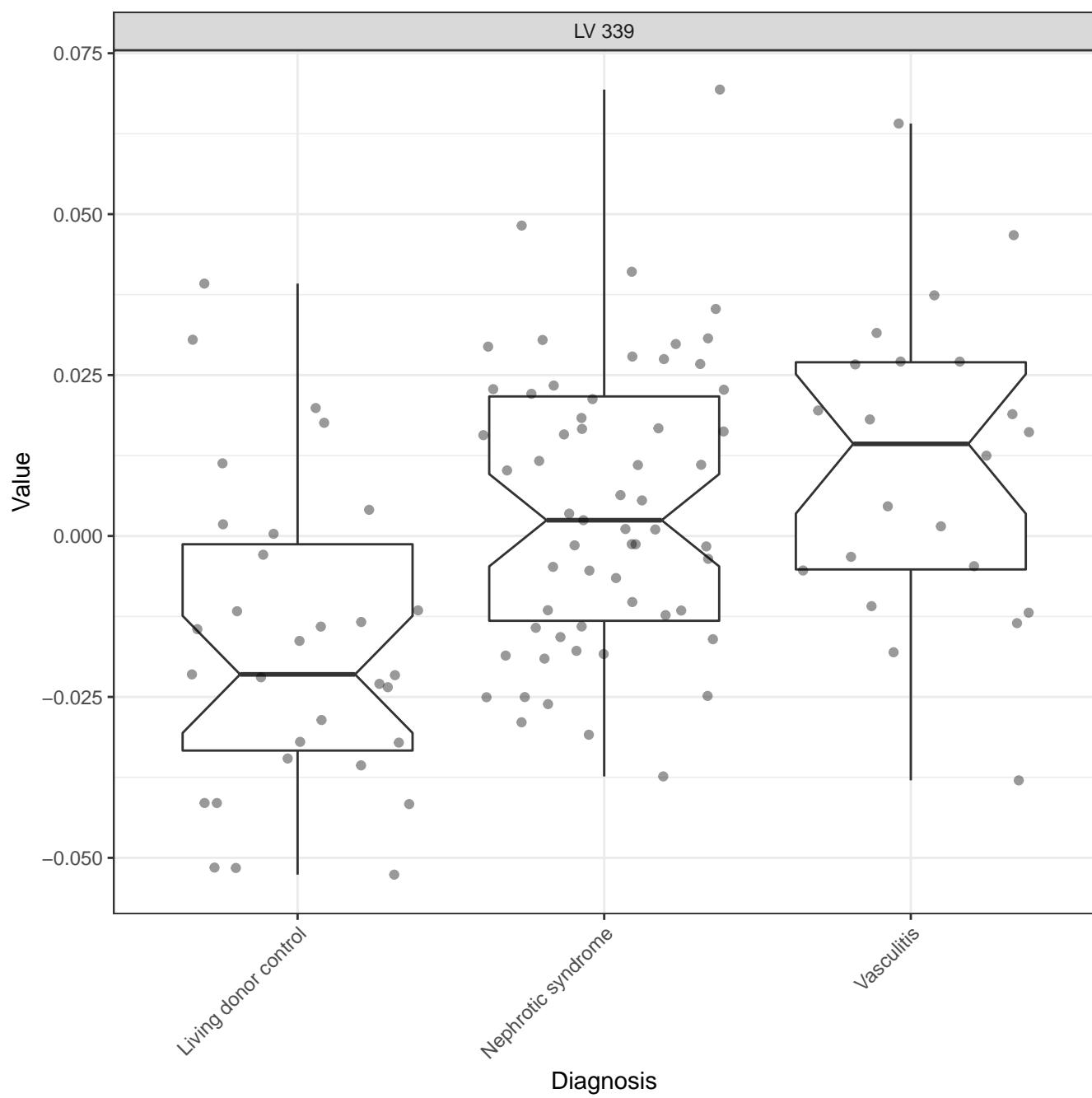
Nephrotic syndrome

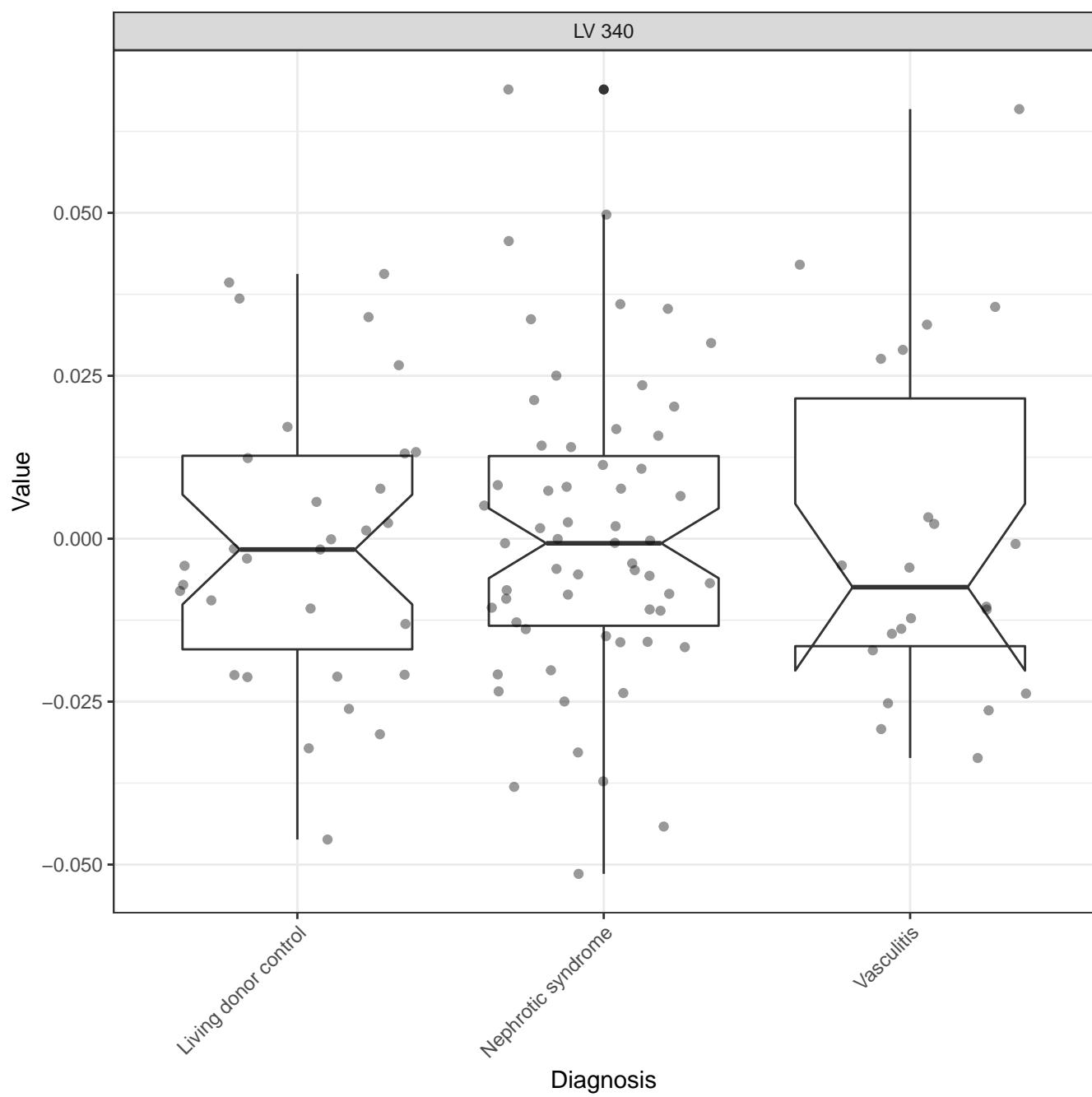
Vasculitis

Diagnosis



LV 339





Value

0.05

0.00

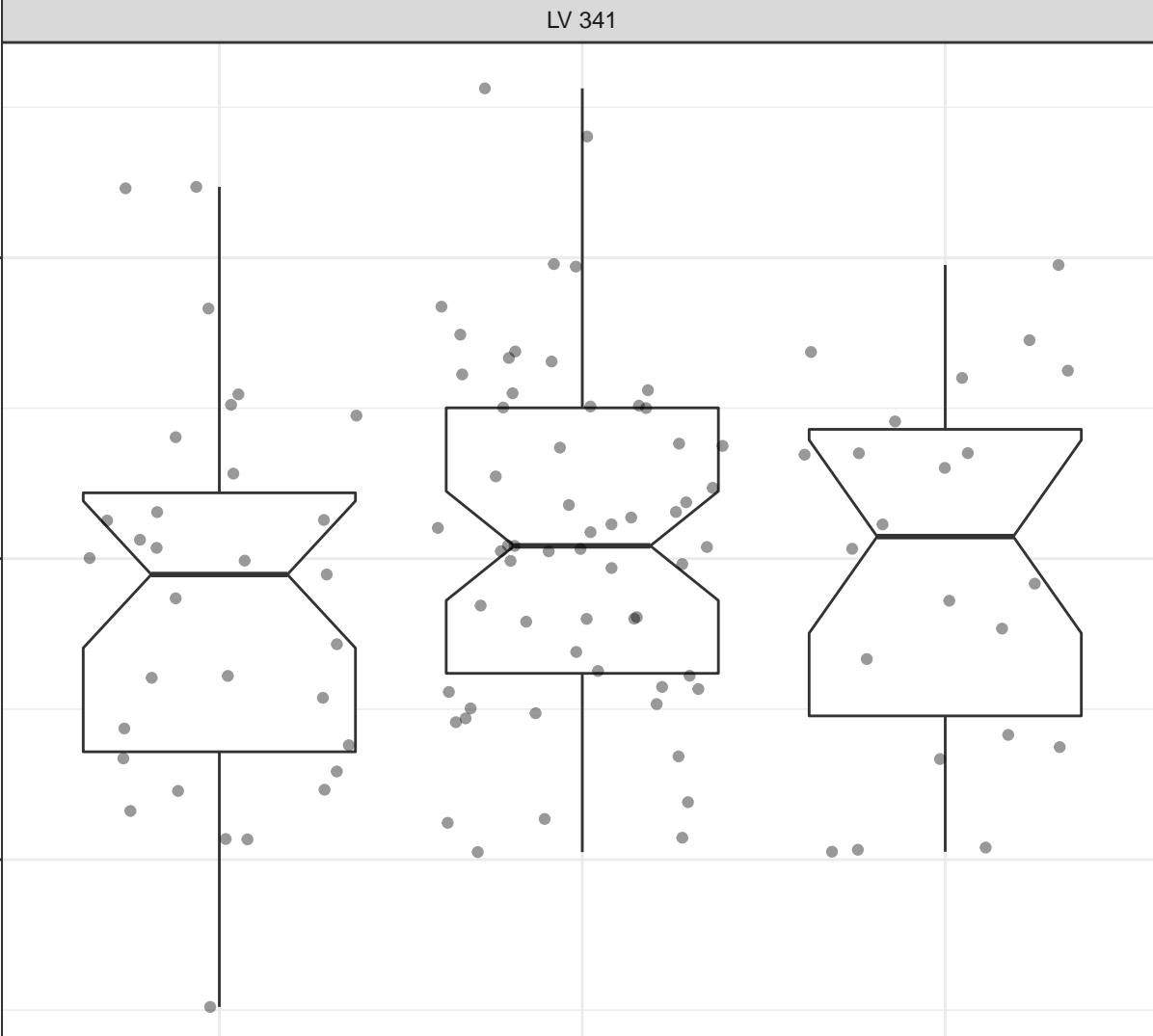
-0.05

Living donor control

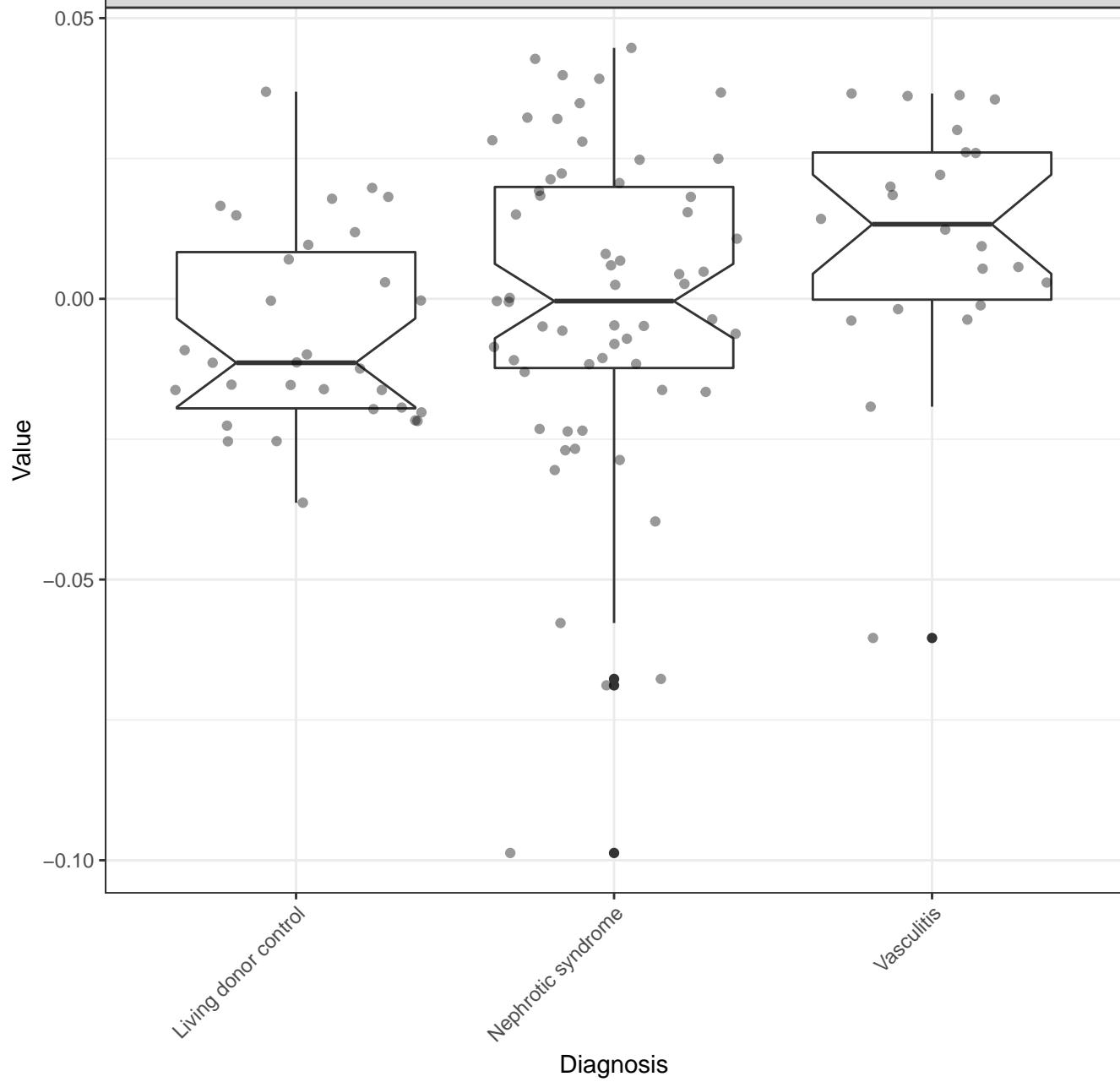
Nephrotic syndrome

Vasculitis

Diagnosis



LV 342



Value

0.05

0.00

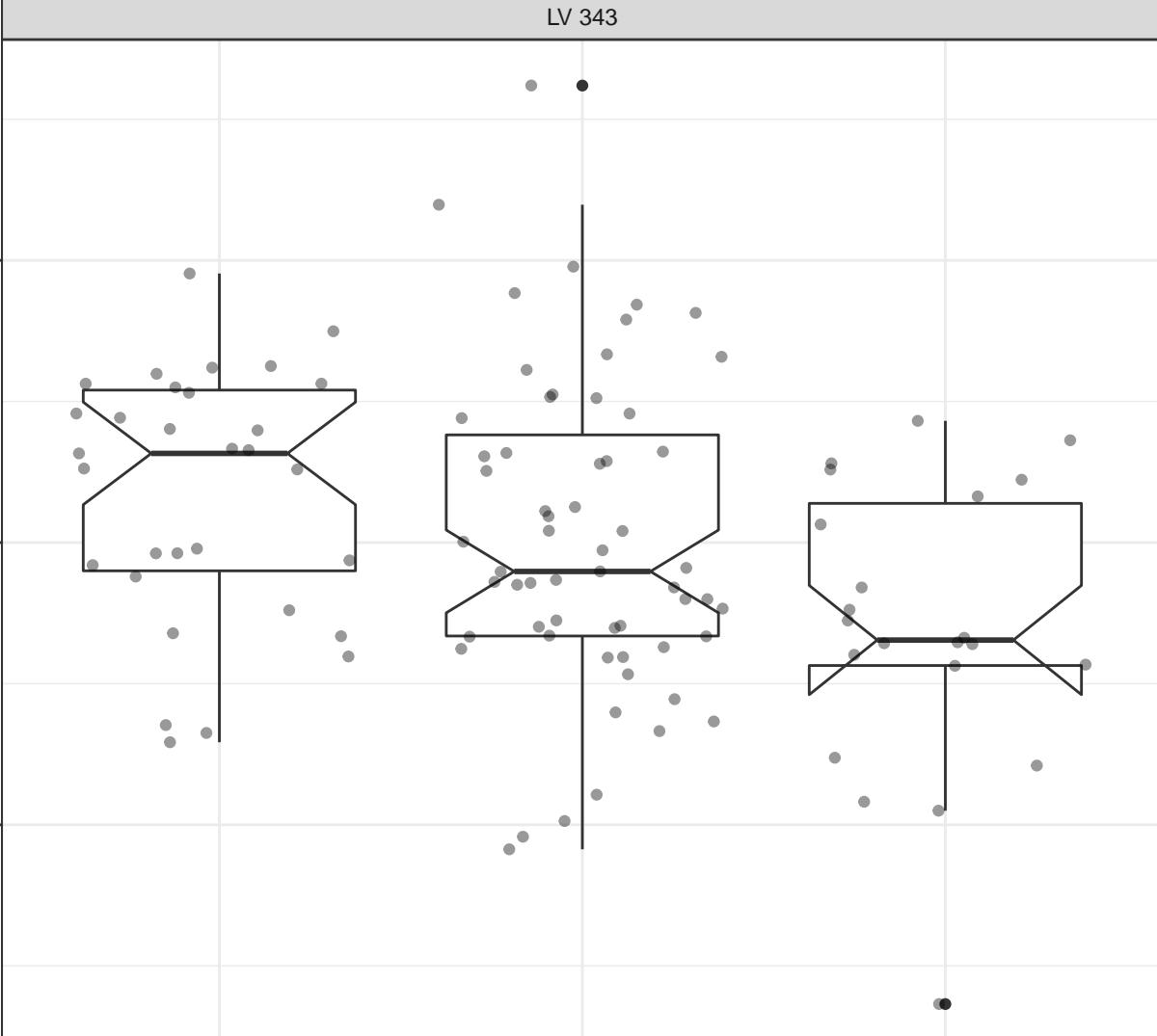
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 344

Value

0.050

0.025

0.000

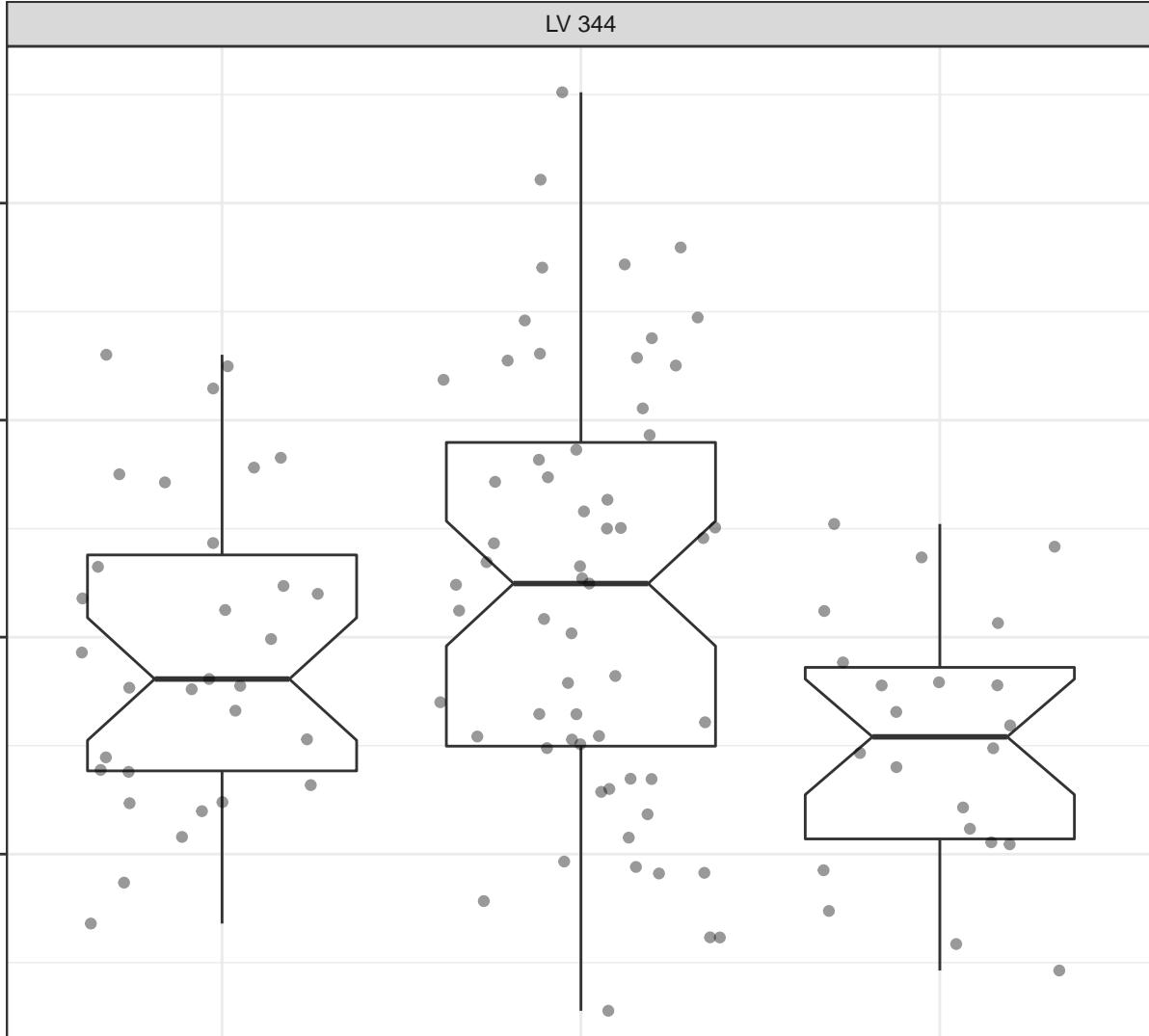
-0.025

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

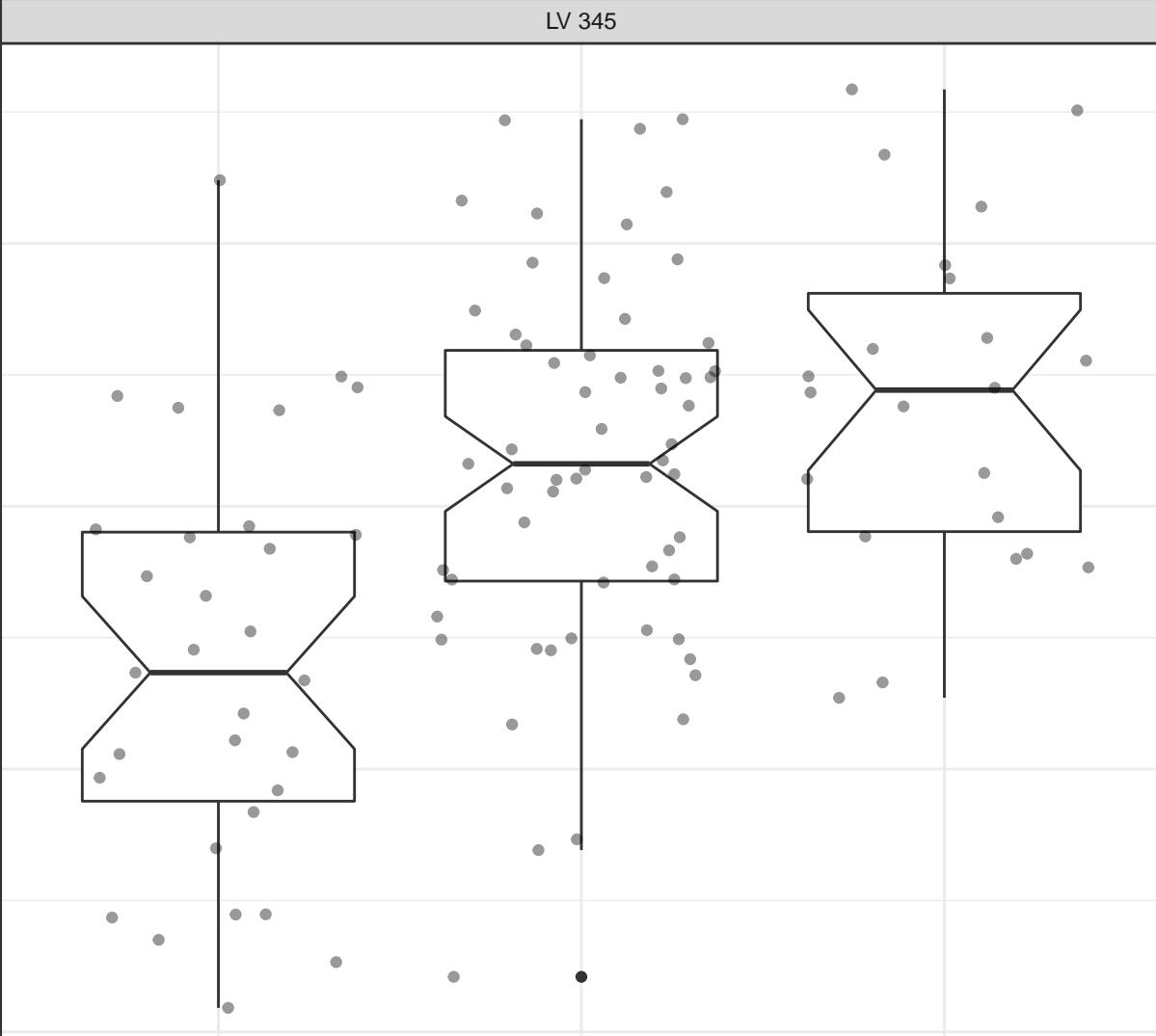
-0.08

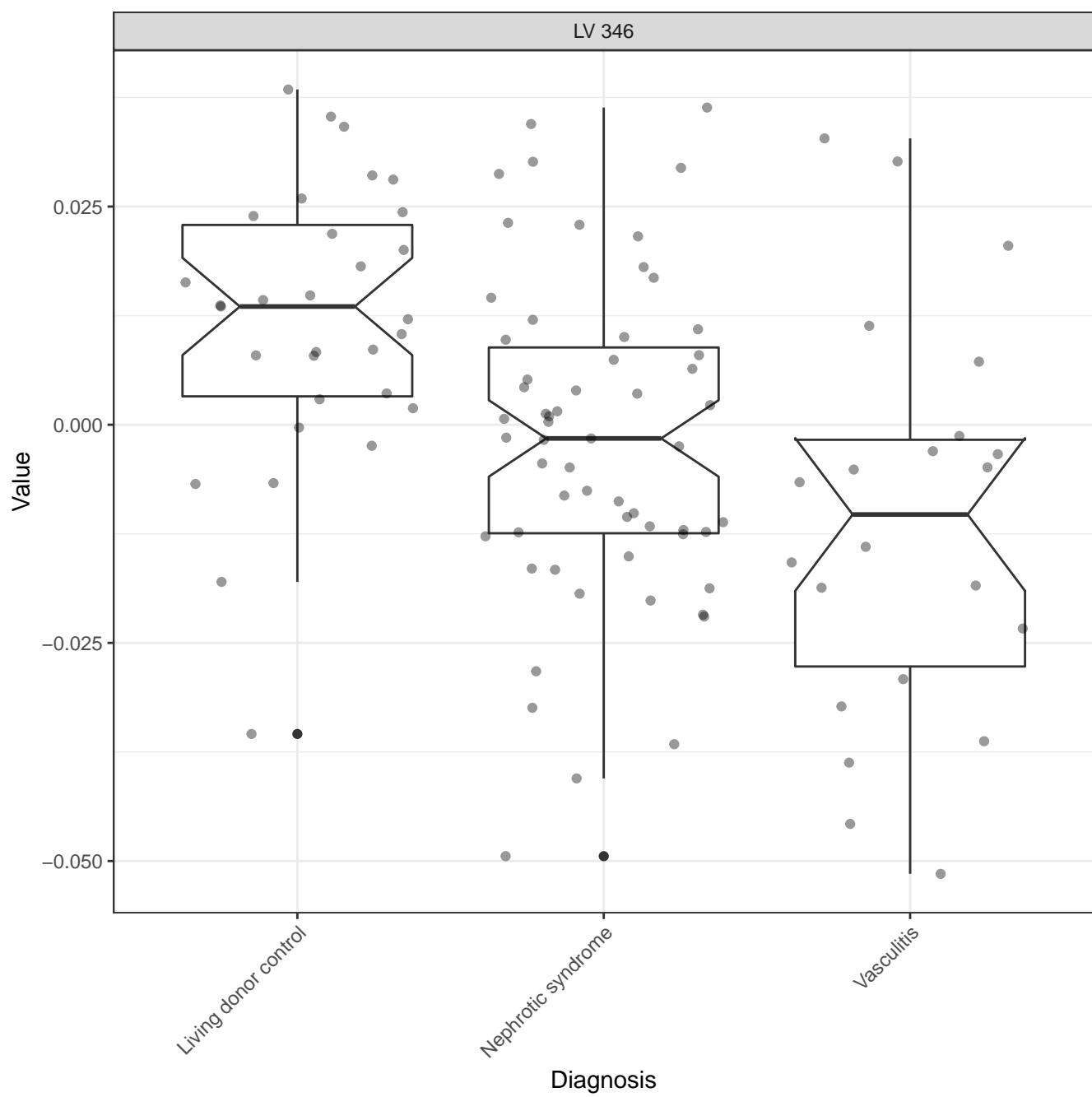
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.05

0.00

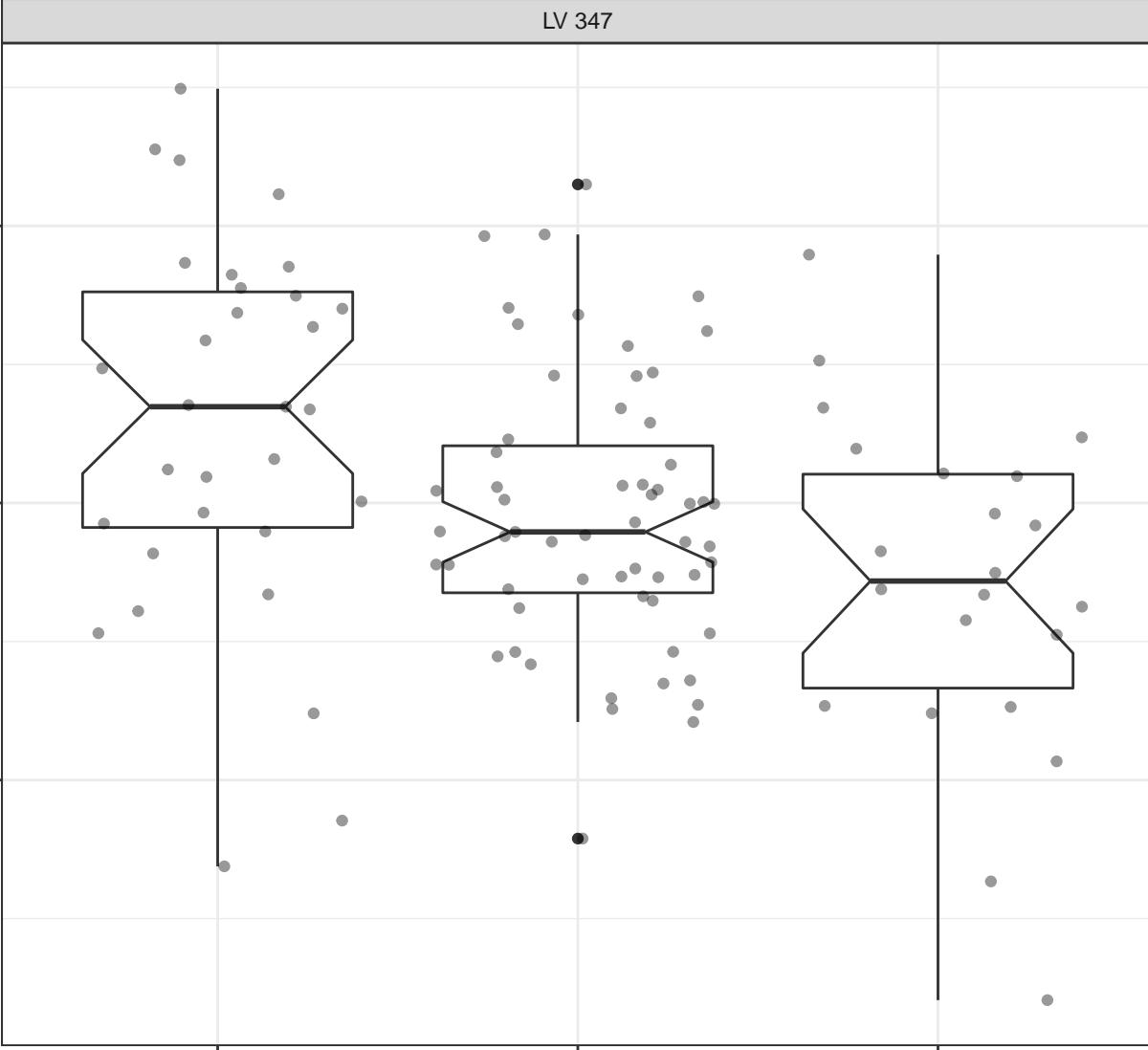
-0.05

Living donor control

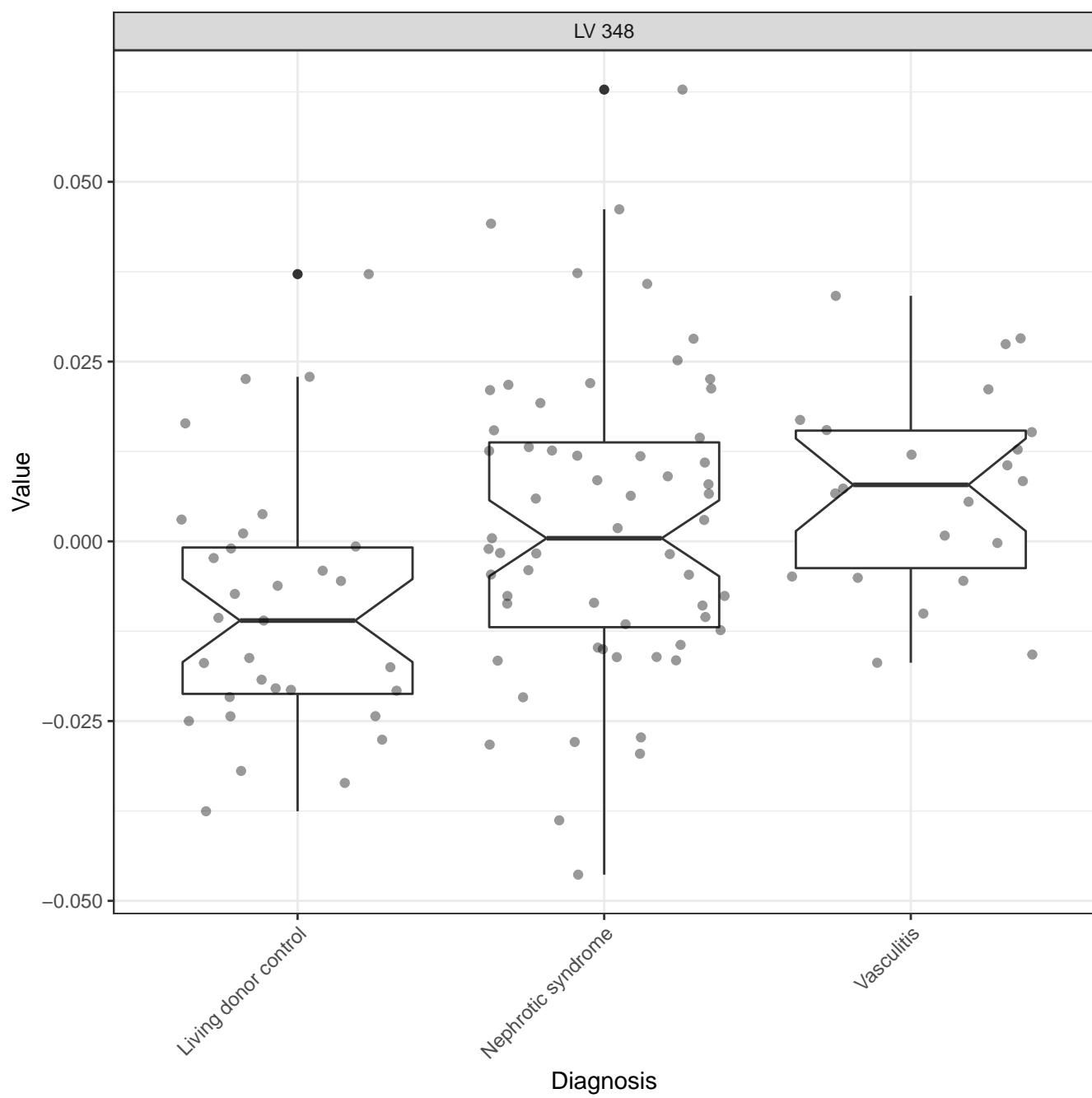
Nephrotic syndrome

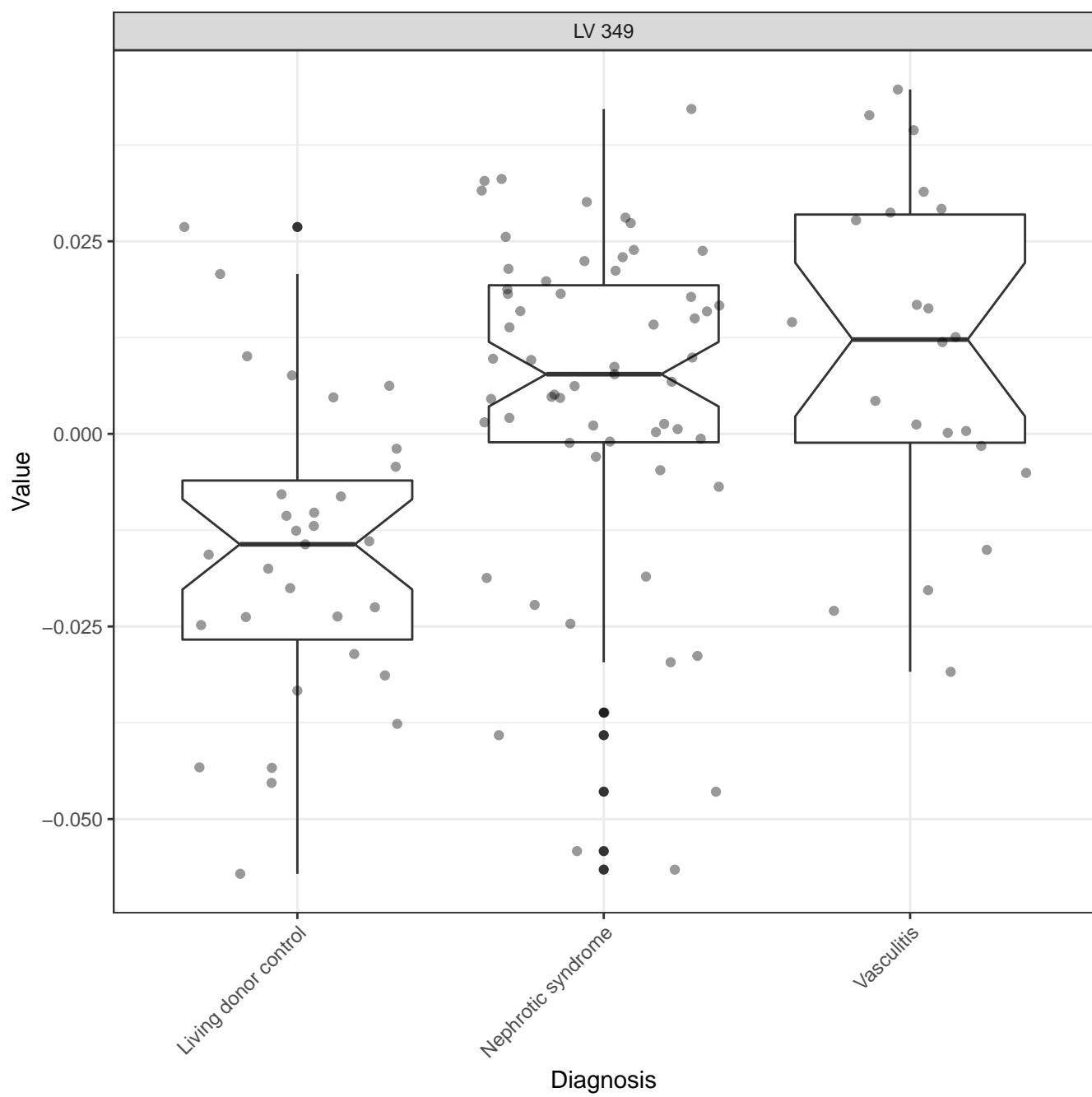
Vasculitis

Diagnosis



LV 348





Value

0.10

0.05

0.00

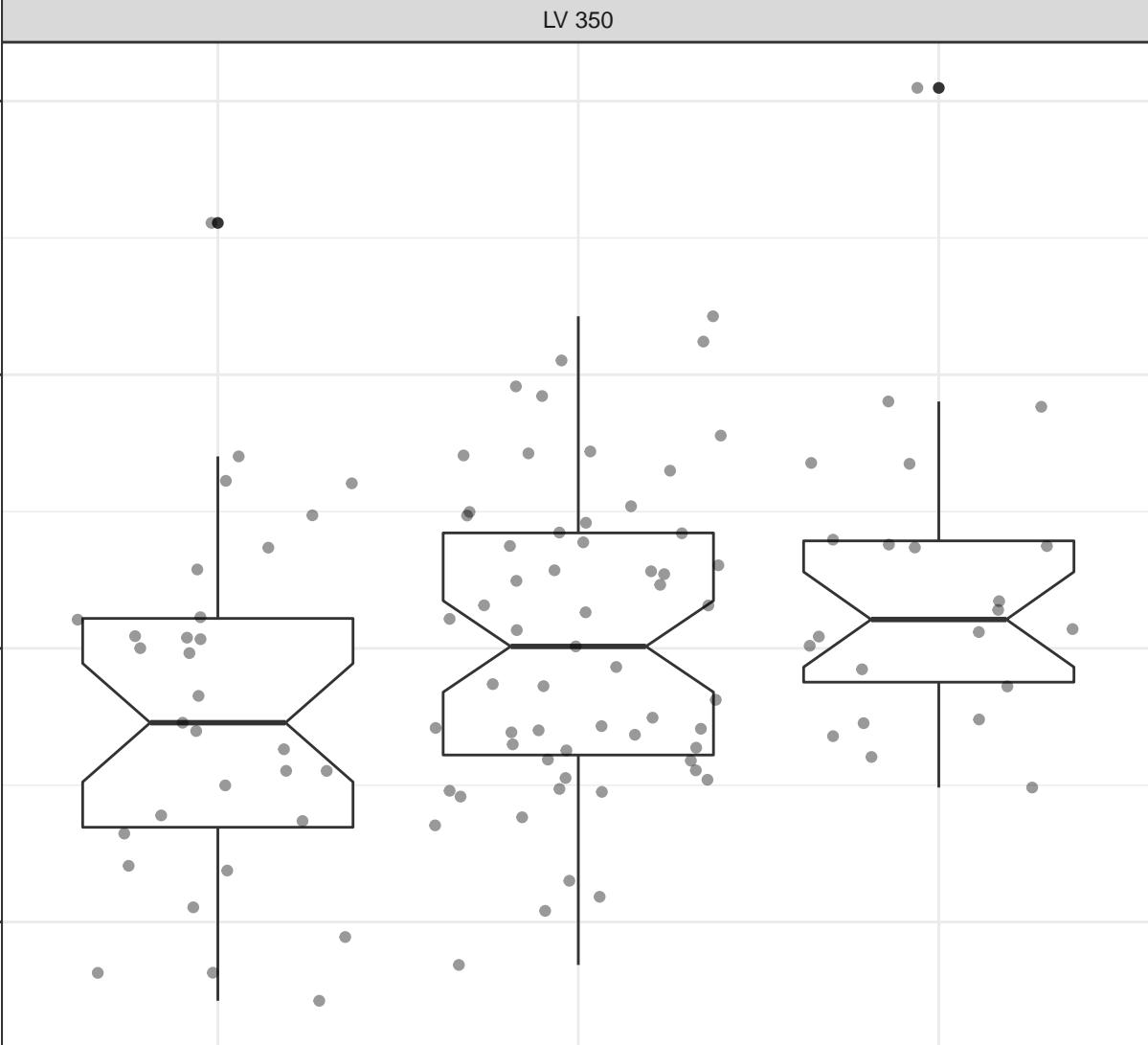
-0.05

Living donor control

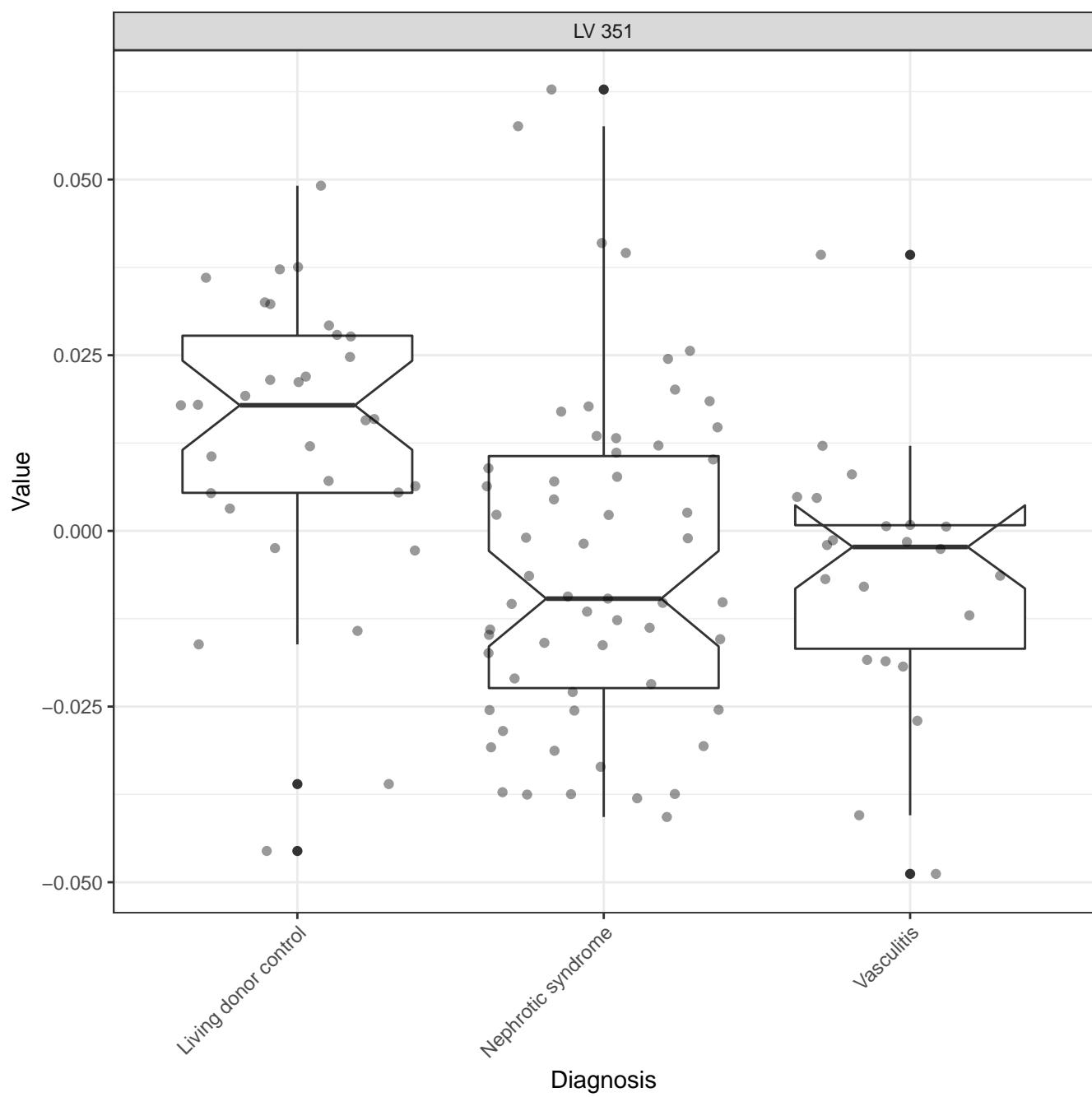
Nephrotic syndrome

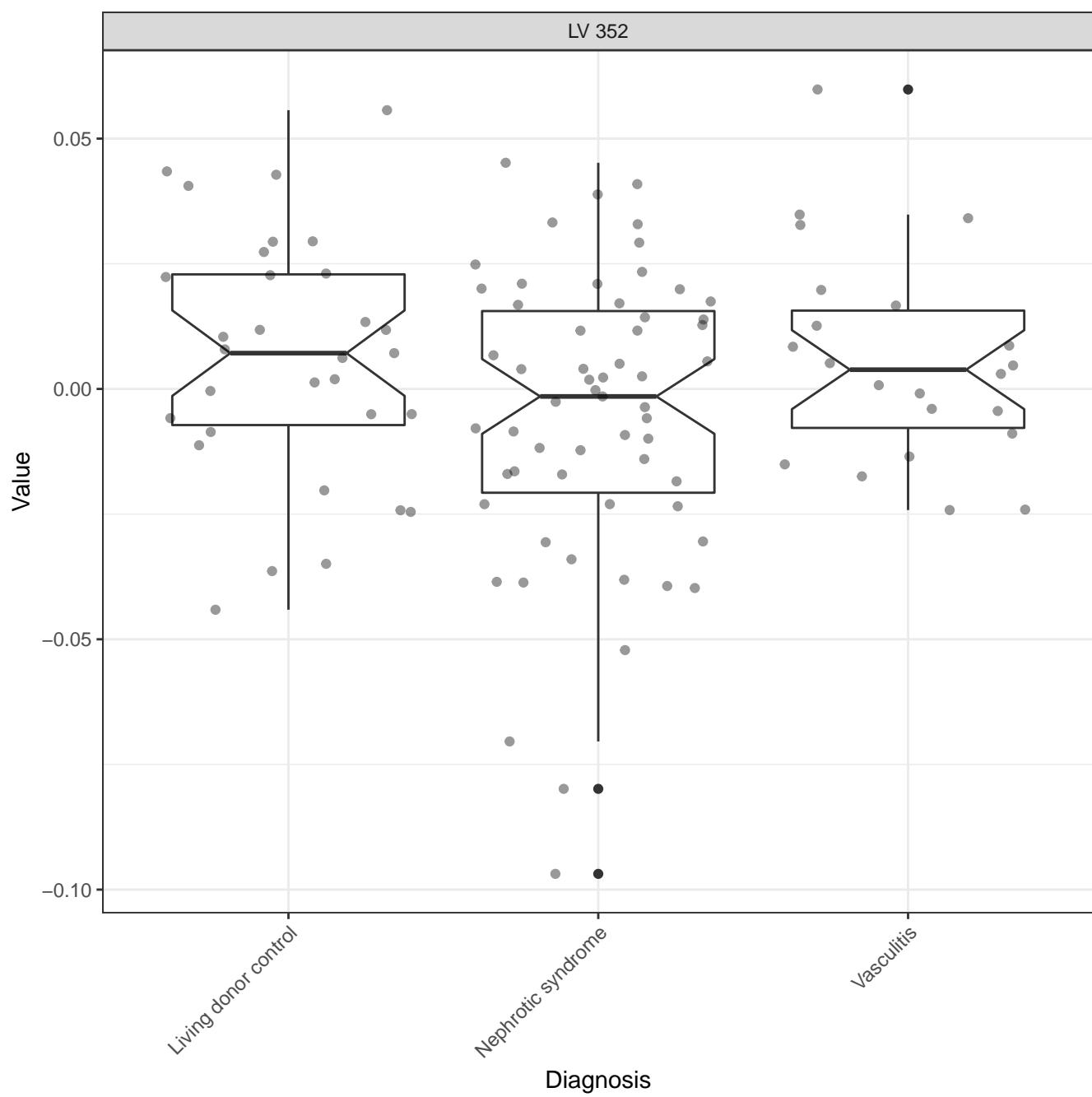
Vasculitis

Diagnosis



## LV 351





Value

0.05

0.00

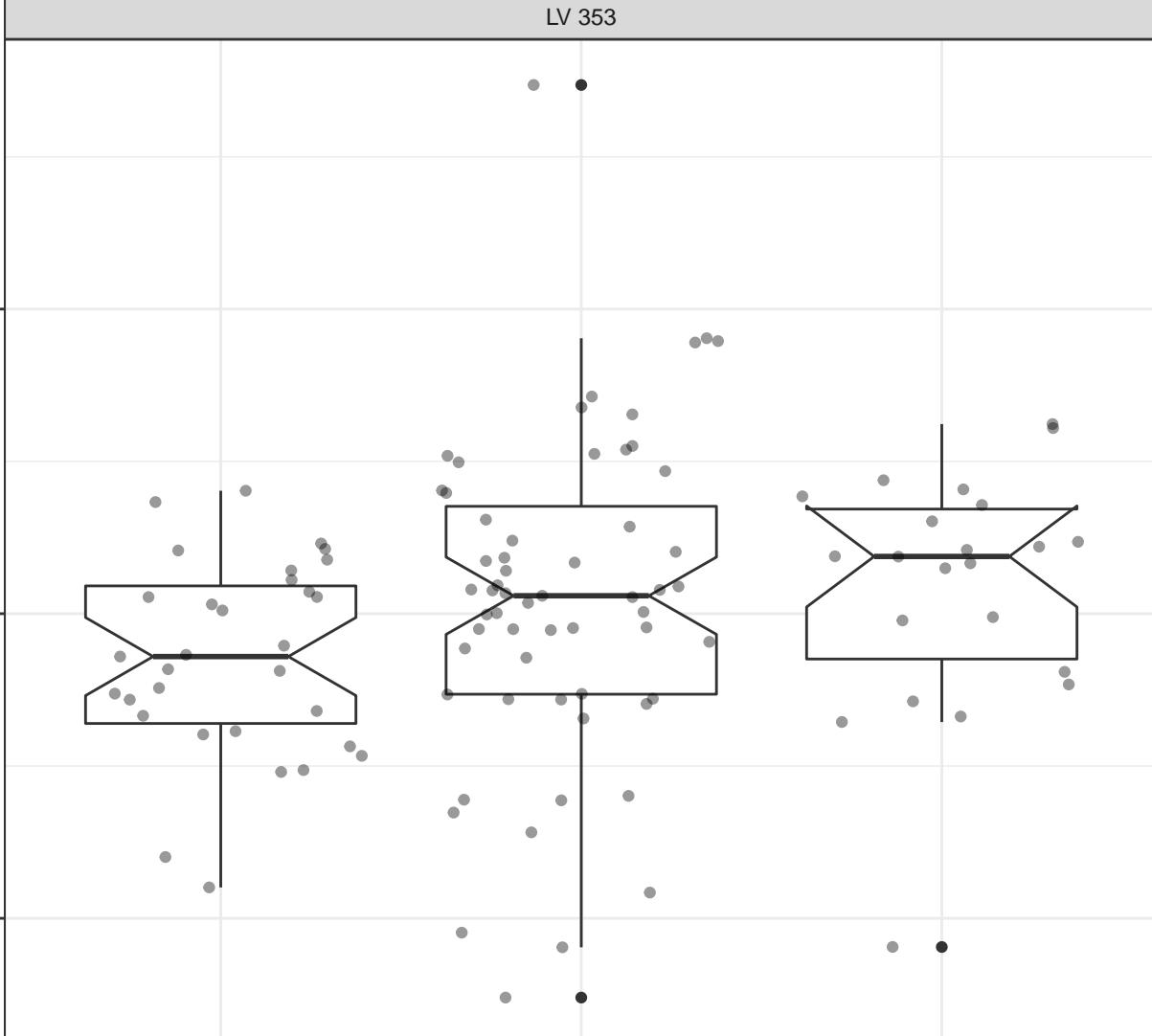
-0.05

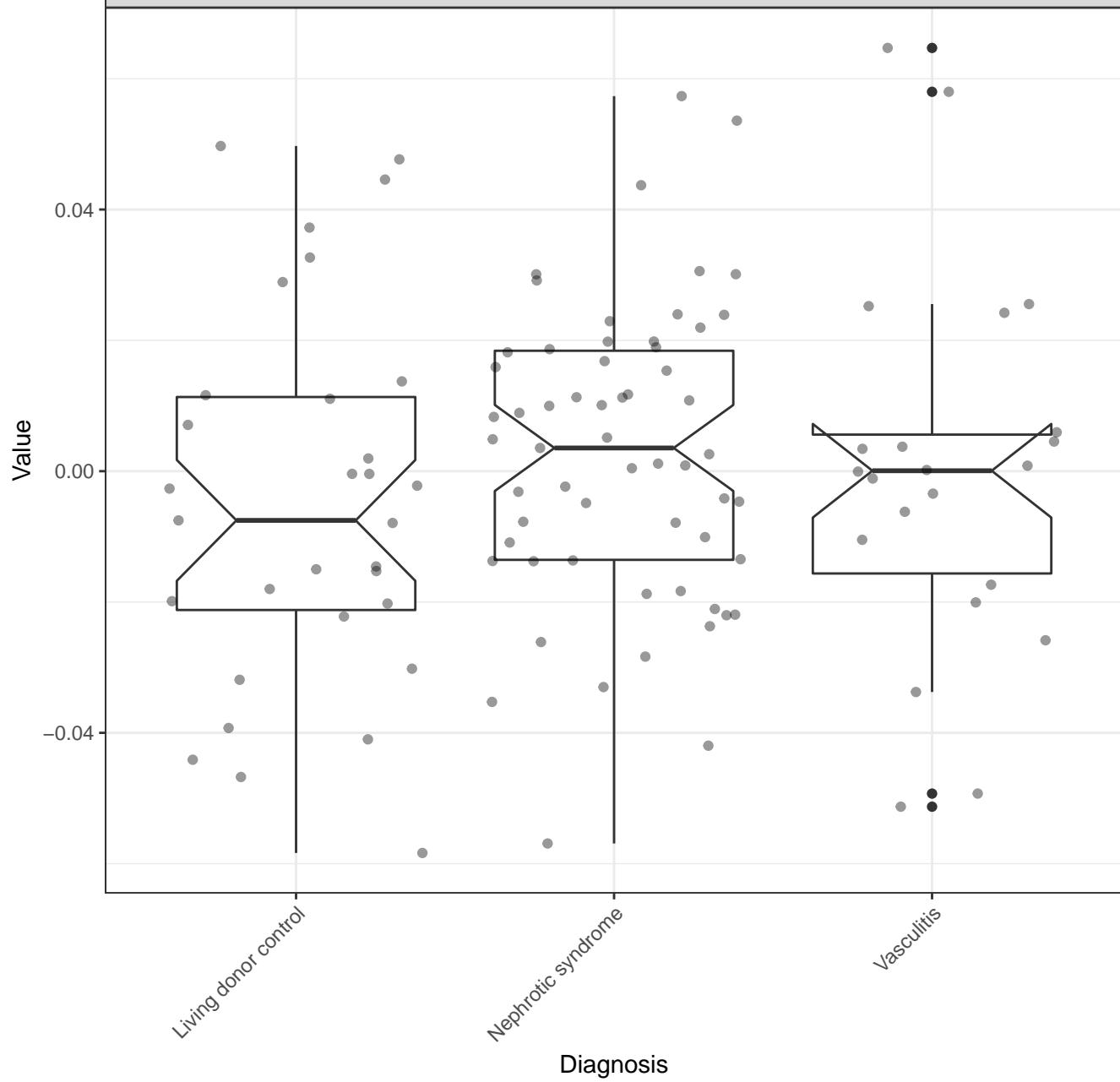
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.04

0.00

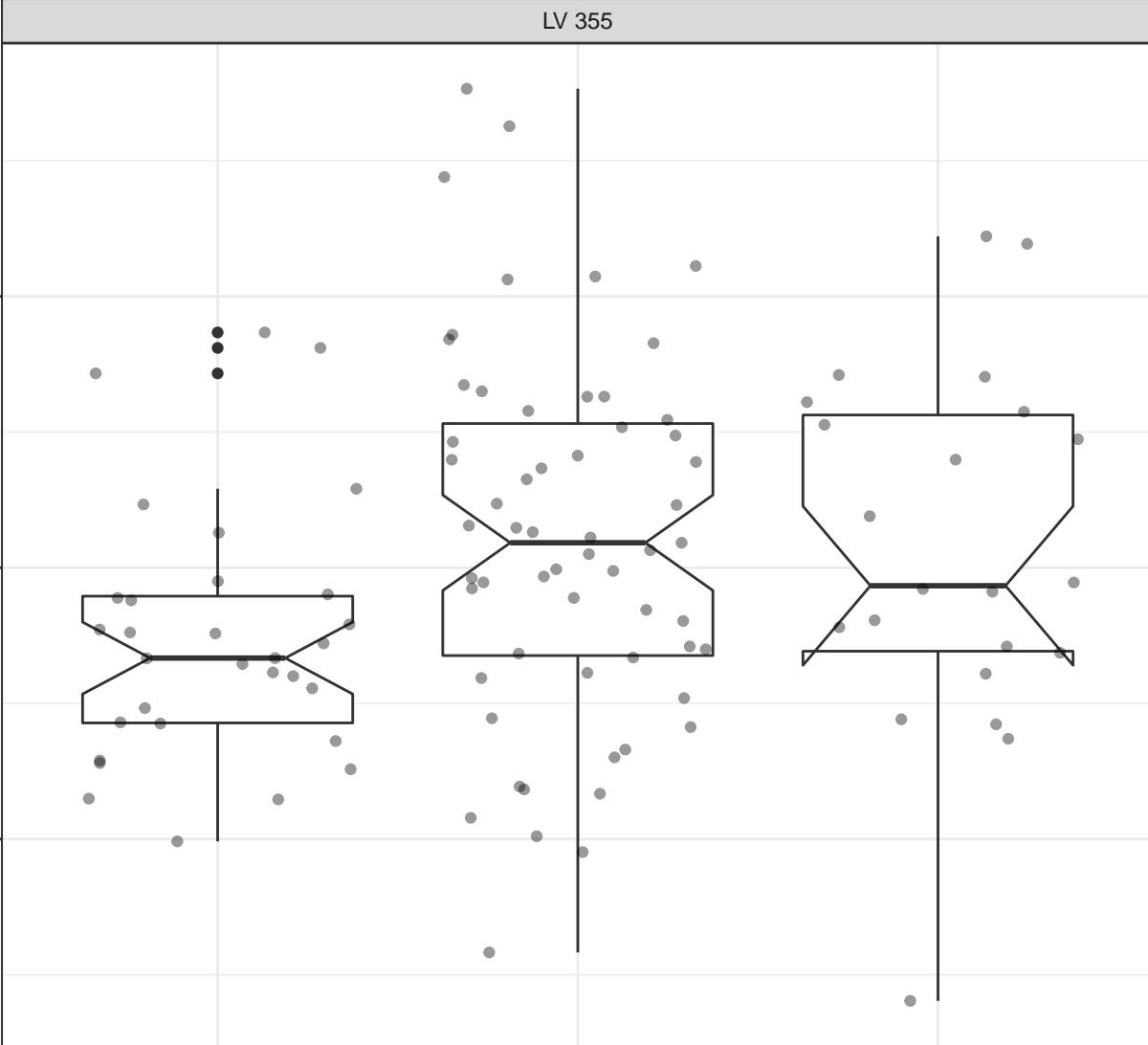
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 356,REACTOME\_TRANSCRITIONAL\_ACTIVITY\_OF\_SMAD2\_SMAD3\_SMAD4\_HETEROTRIMER

Value

0.050  
0.025  
0.000  
-0.025  
-0.050  
-0.075

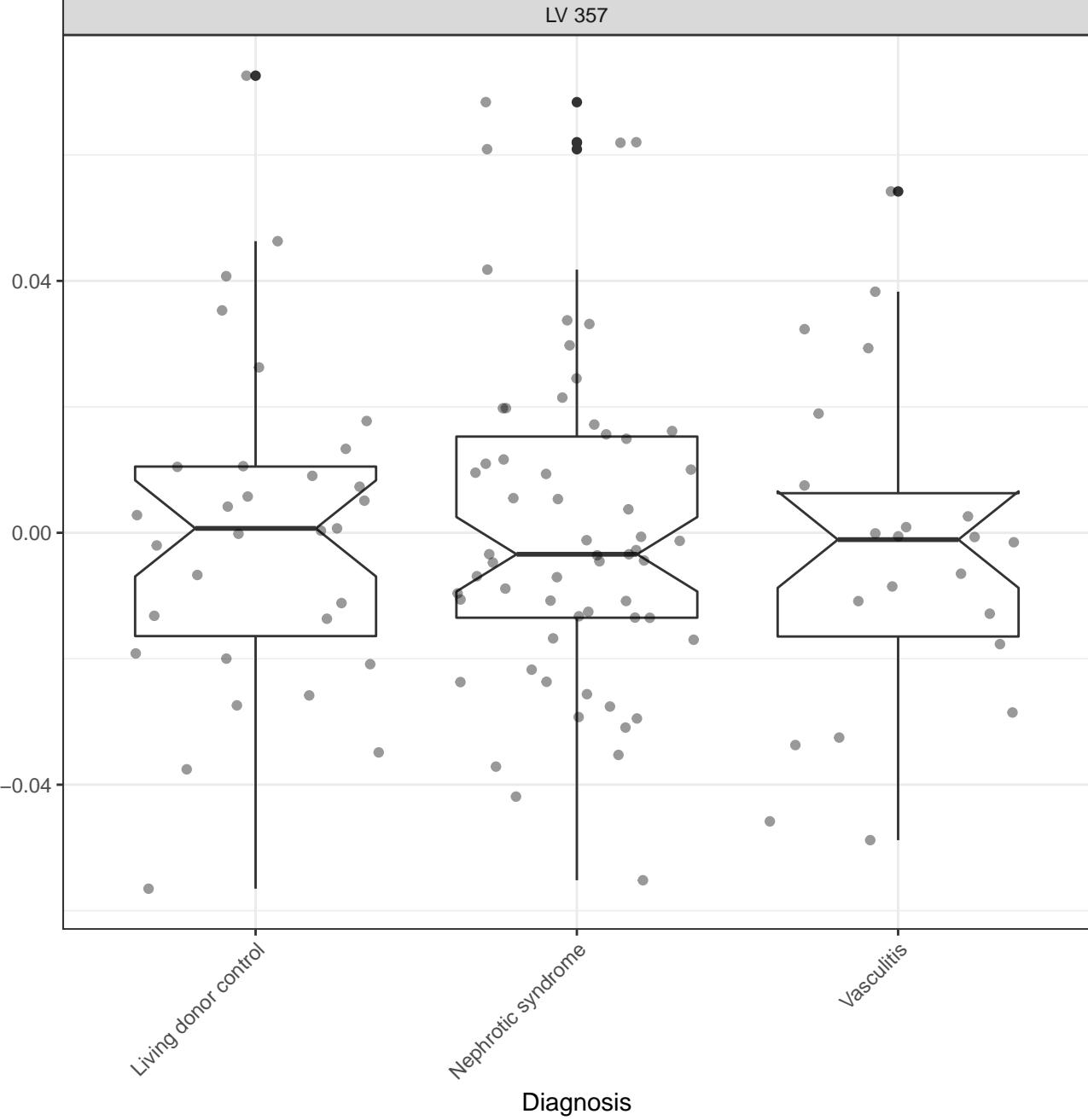
Living donor control

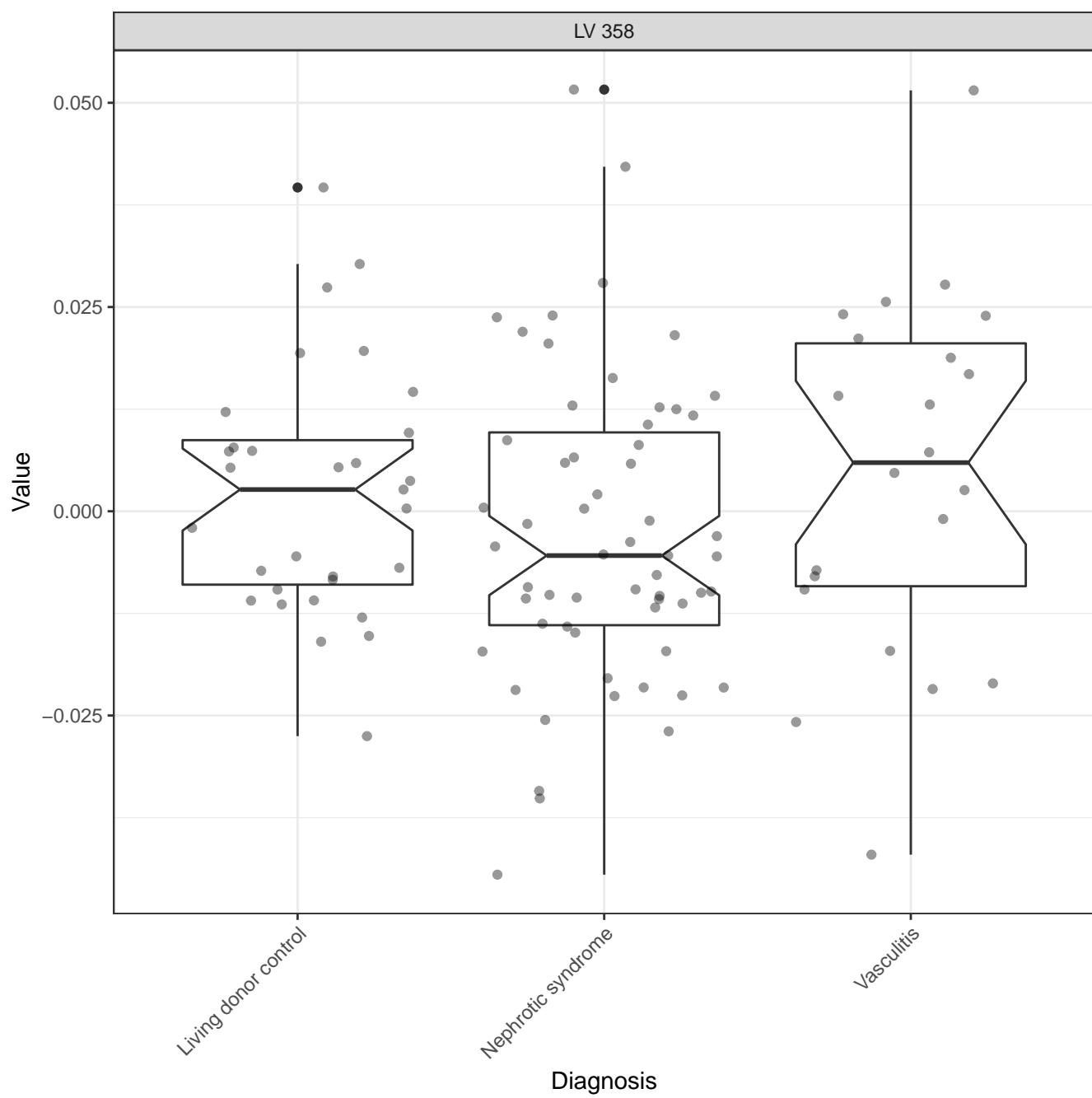
Nephrotic syndrome

Vasculitis

Diagnosis

Value





LV 359

Value

0.05

0.00

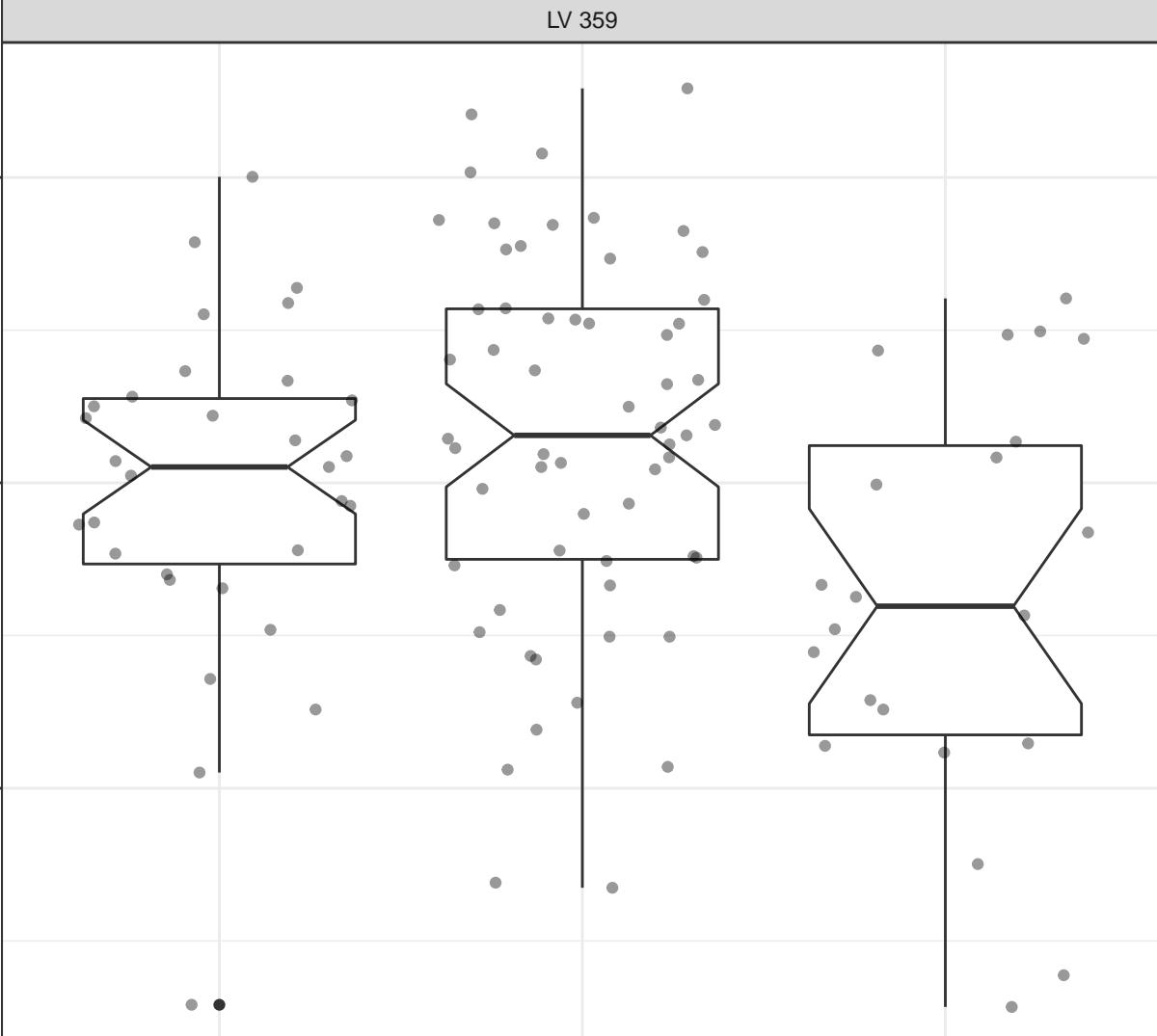
-0.05

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

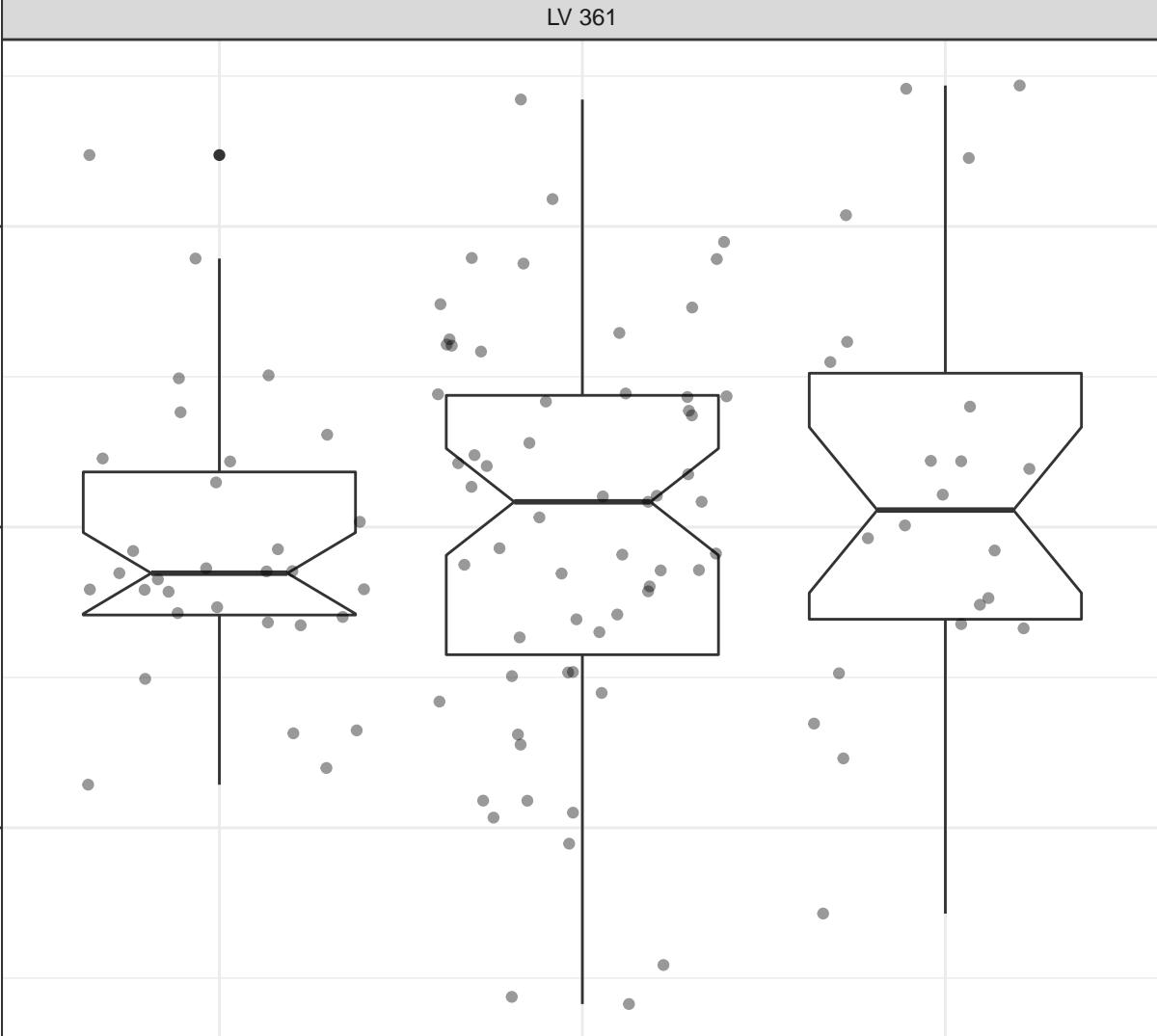
-0.05

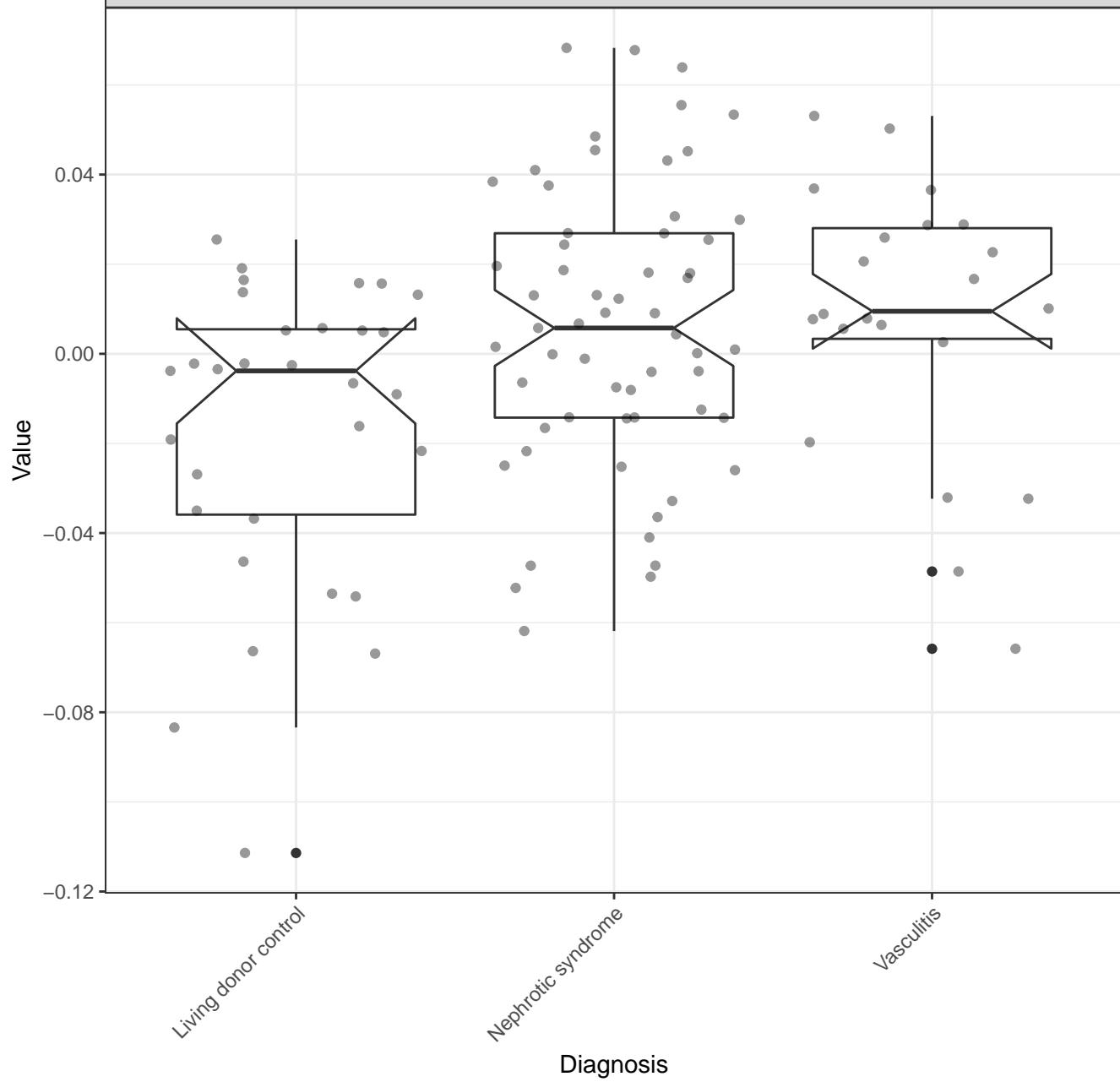
Living donor control

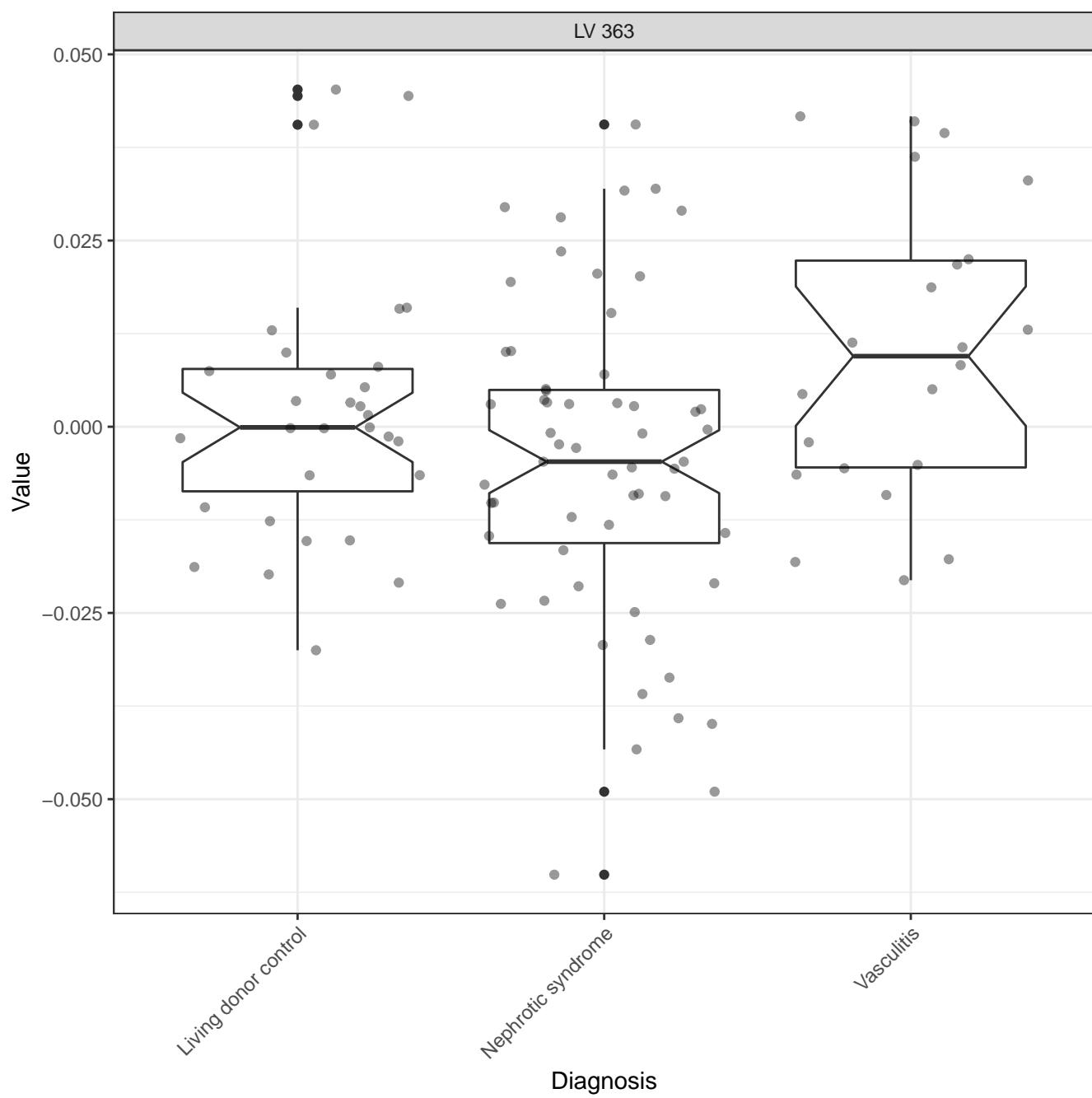
Nephrotic syndrome

Vasculitis

Diagnosis







Value

0.05

0.00

-0.05

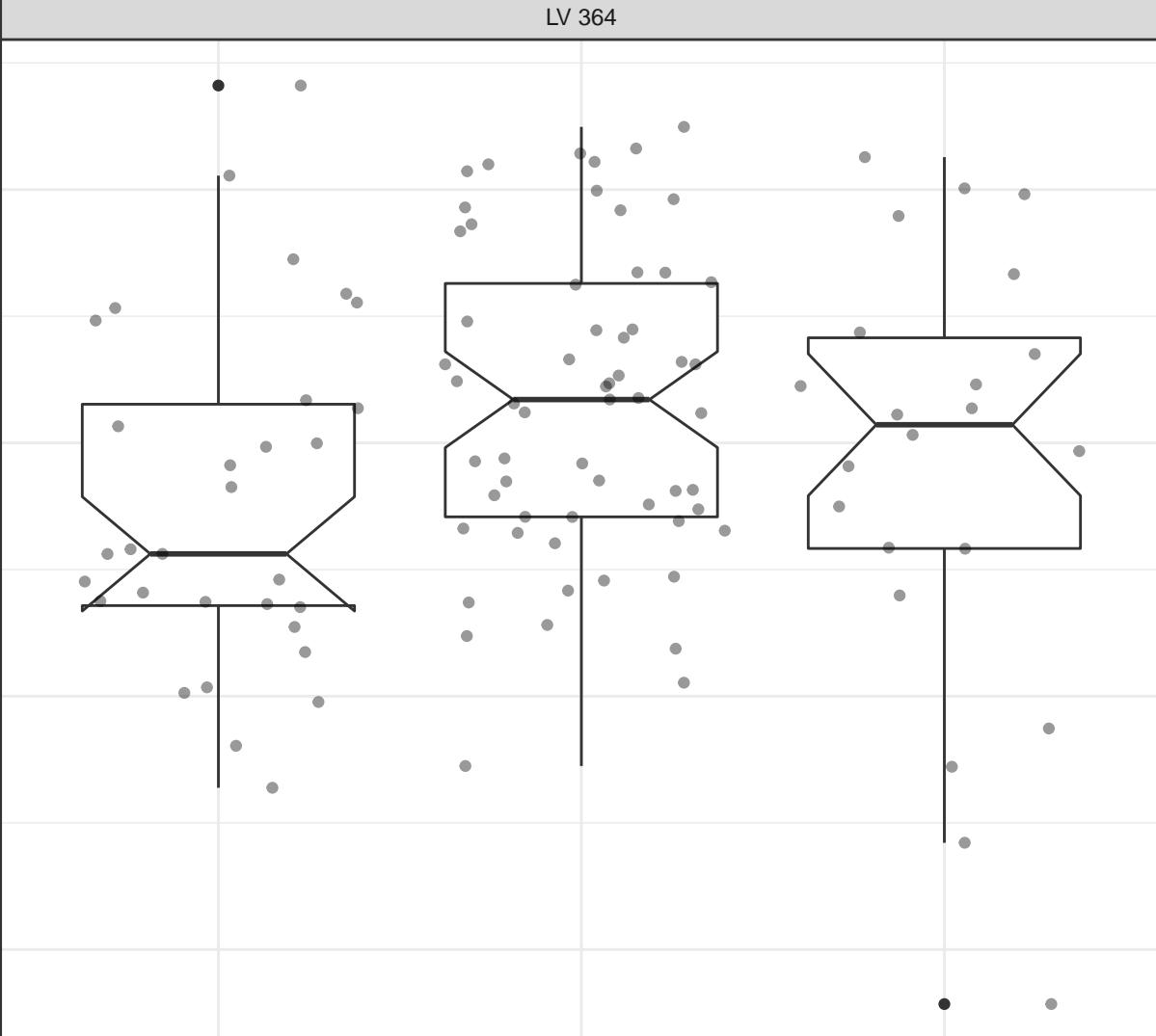
-0.10

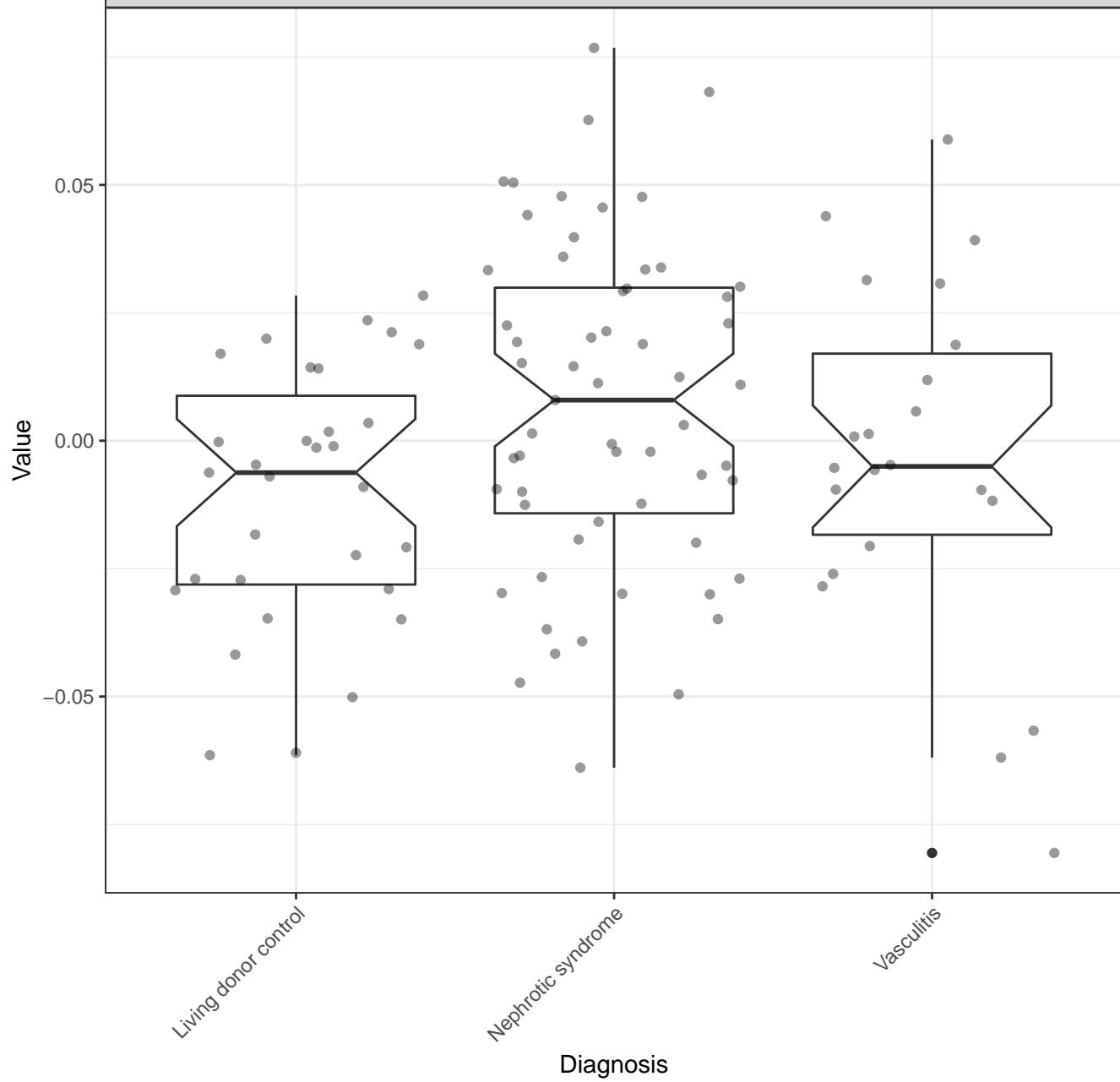
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.10

0.05

0.00

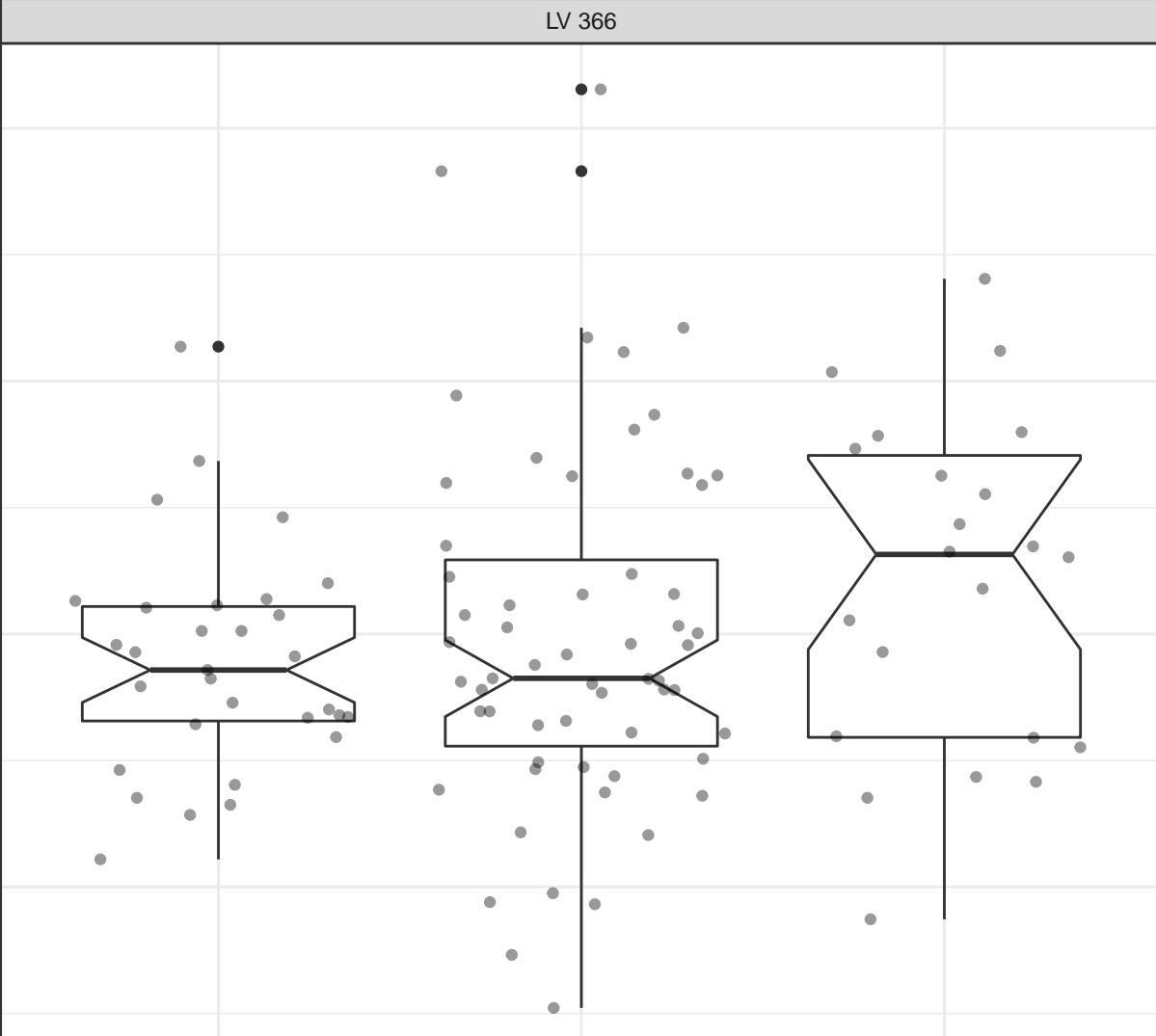
-0.05

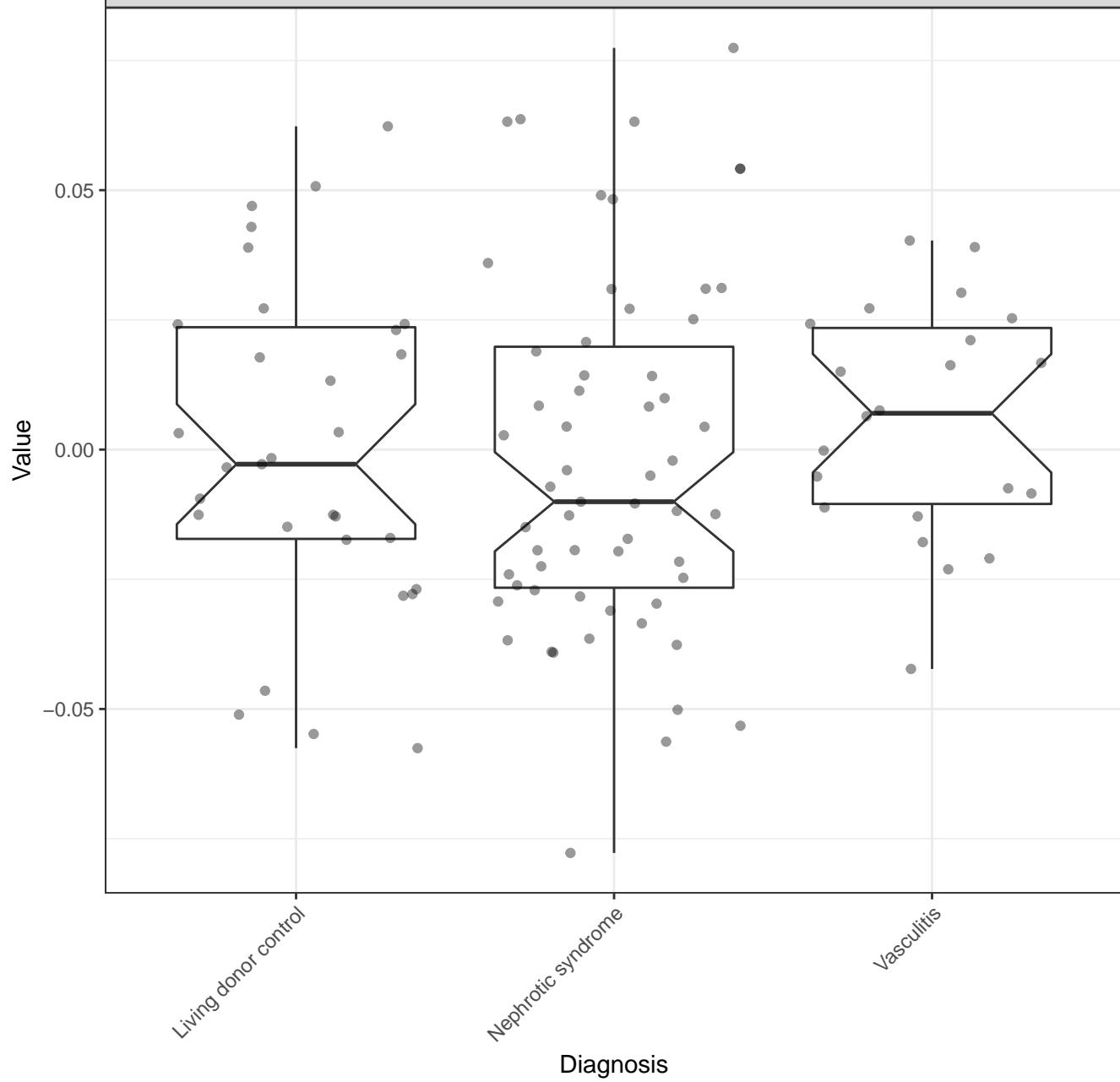
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.04

0.00

-0.04

-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.05

0.00

-0.05

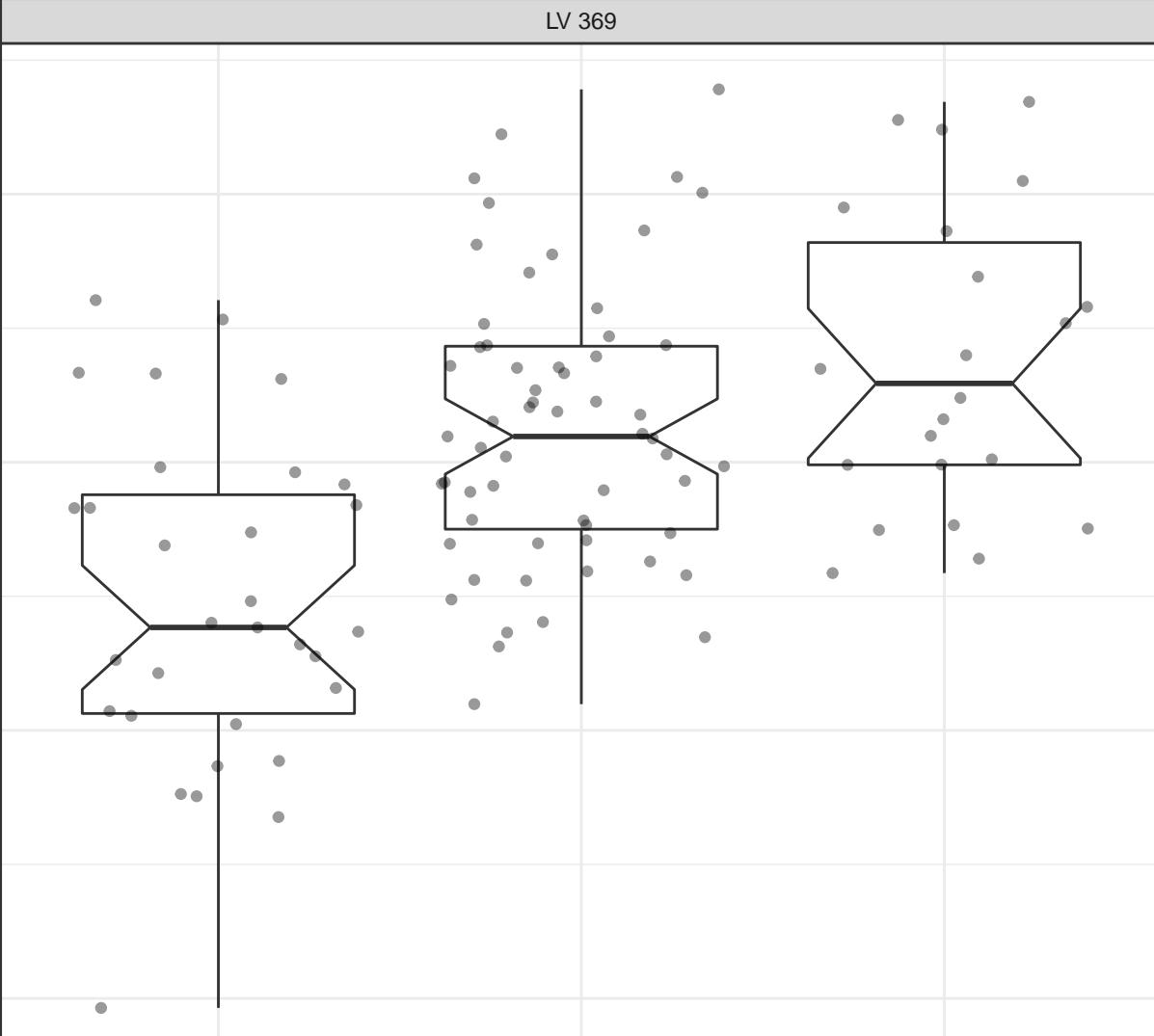
-0.10

Living donor control

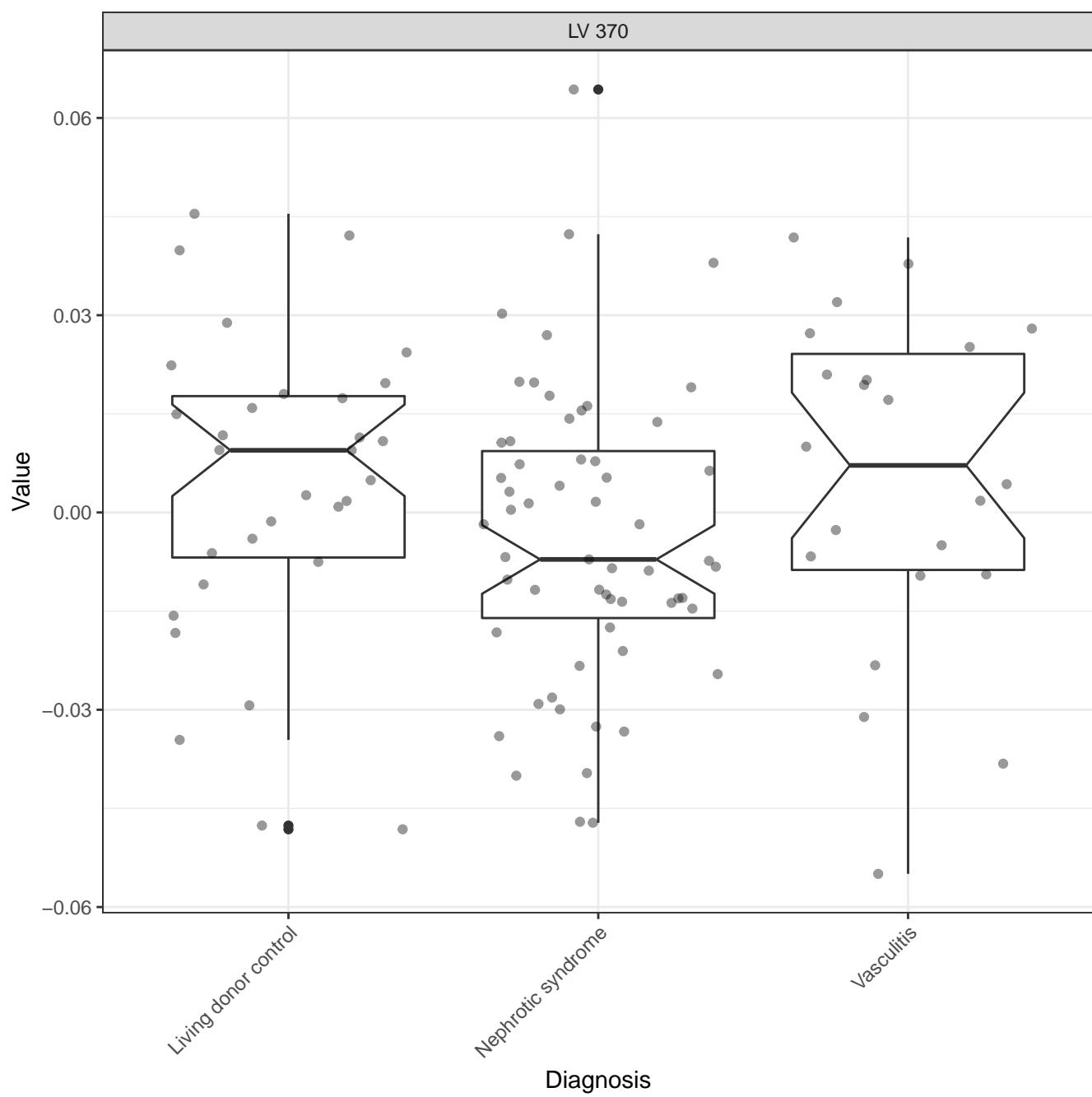
Nephrotic syndrome

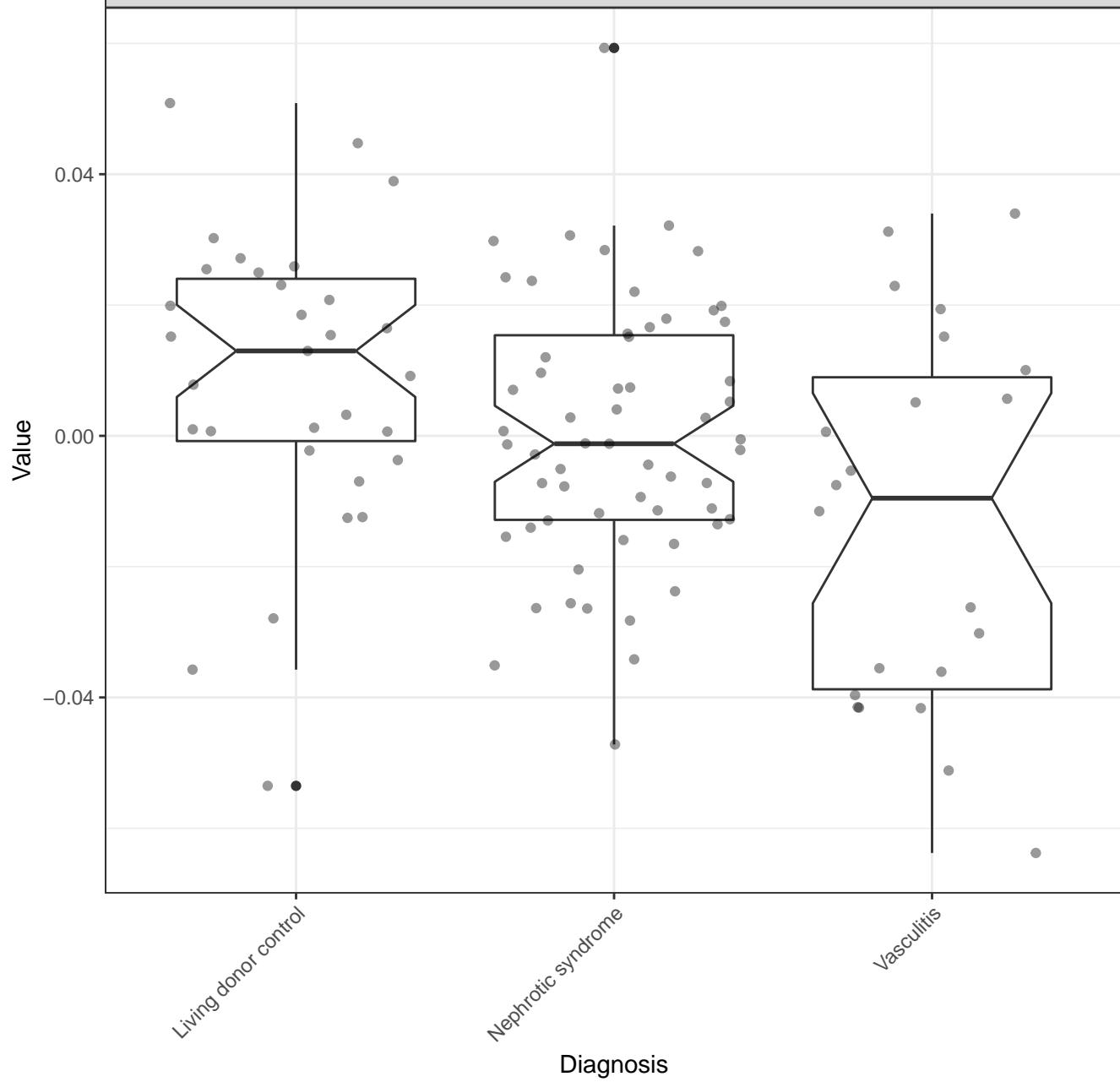
Vasculitis

Diagnosis



LV 370





Value

0.10

0.05

0.00

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.04

0.00

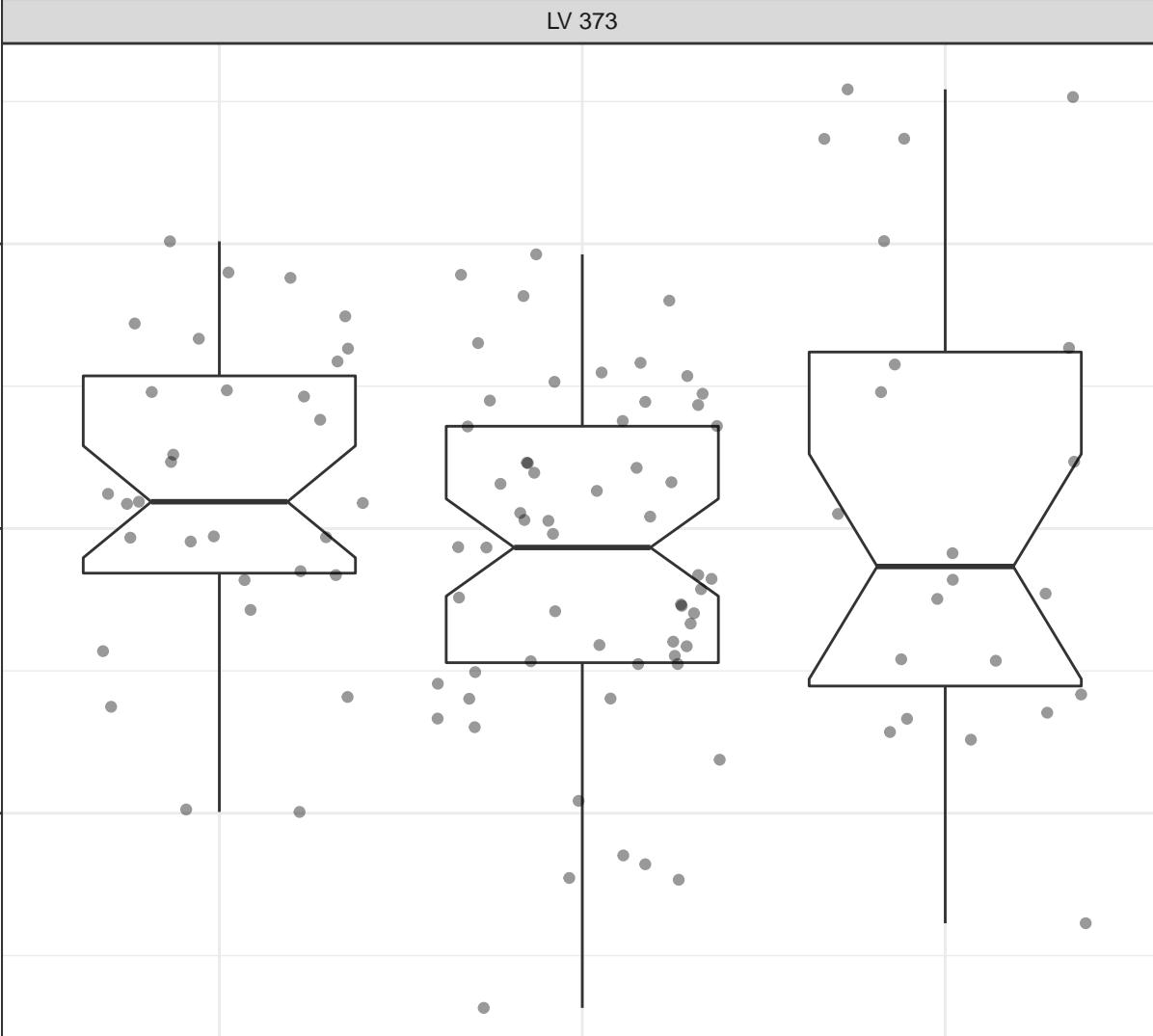
-0.04

Living donor control

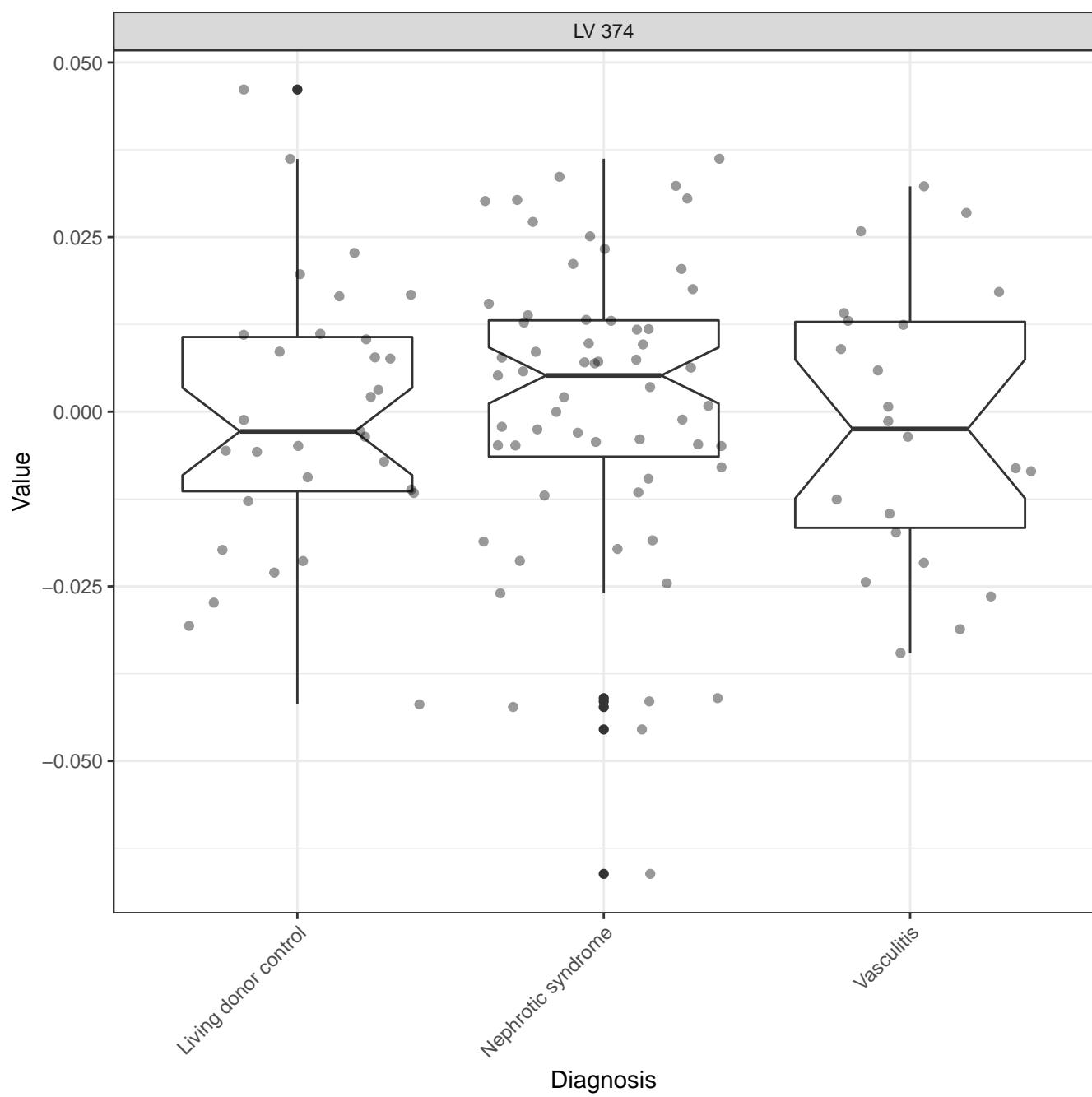
Nephrotic syndrome

Vasculitis

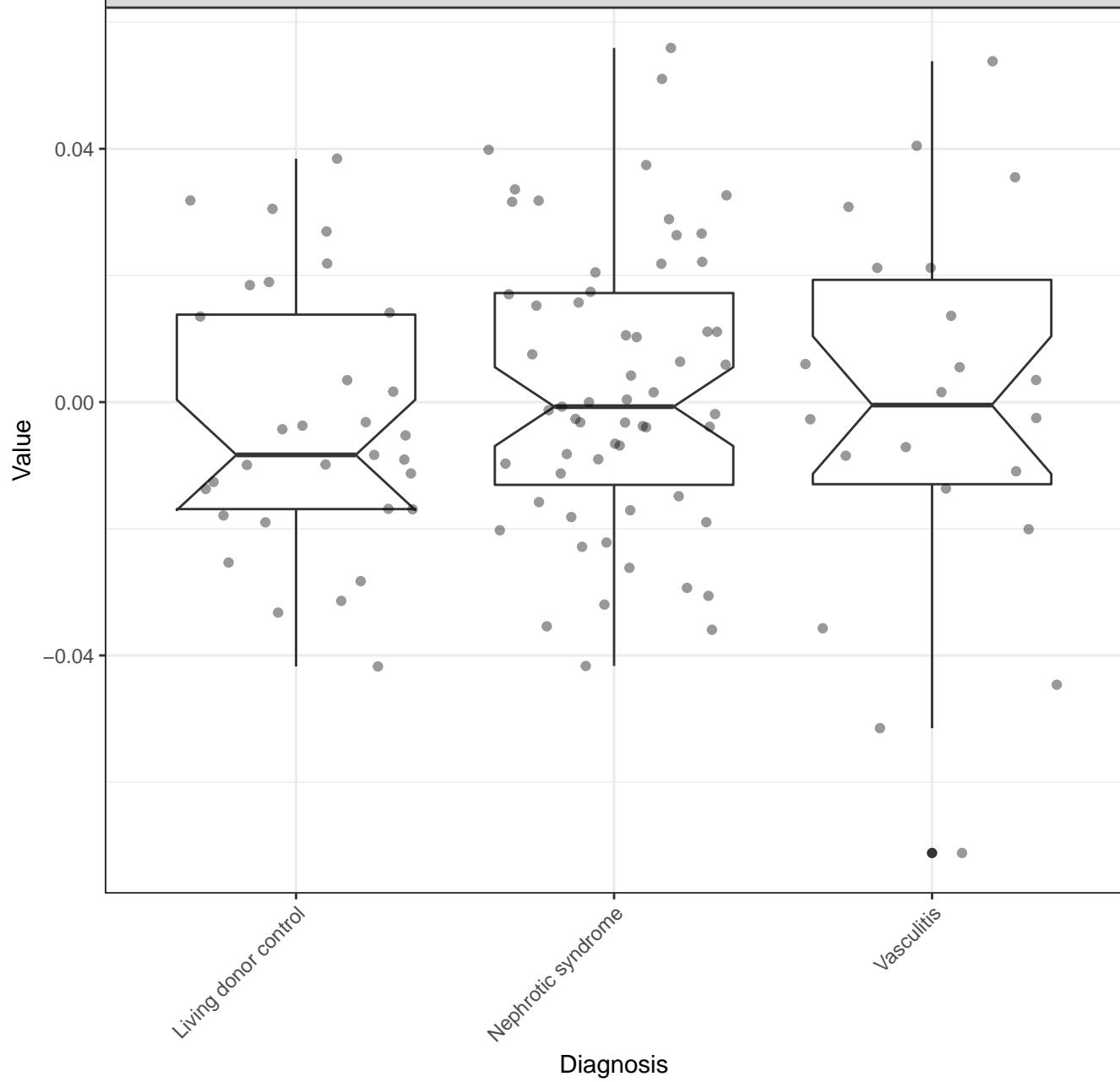
Diagnosis



LV 374



LV 375



Value

0.05

0.01

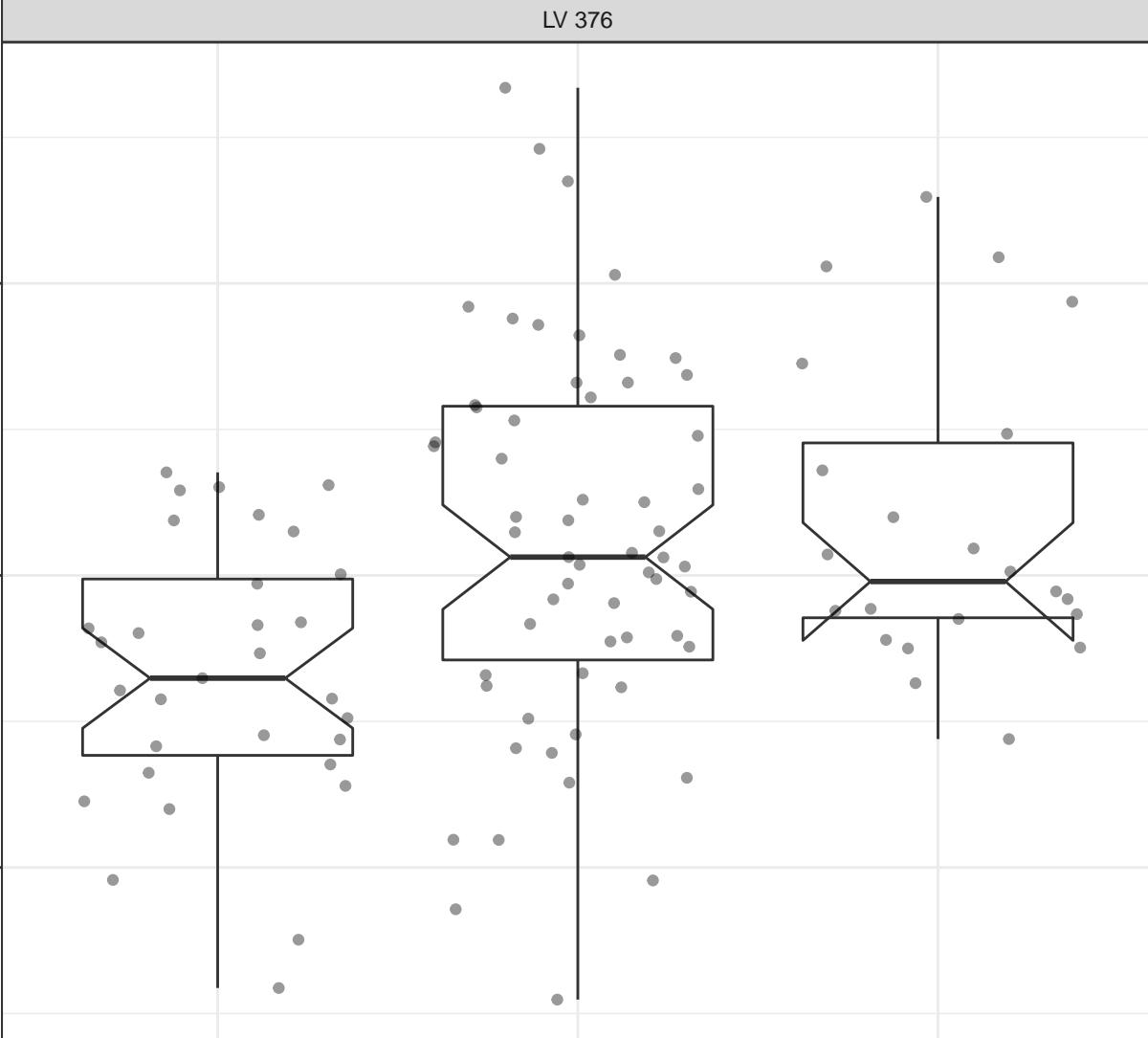
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

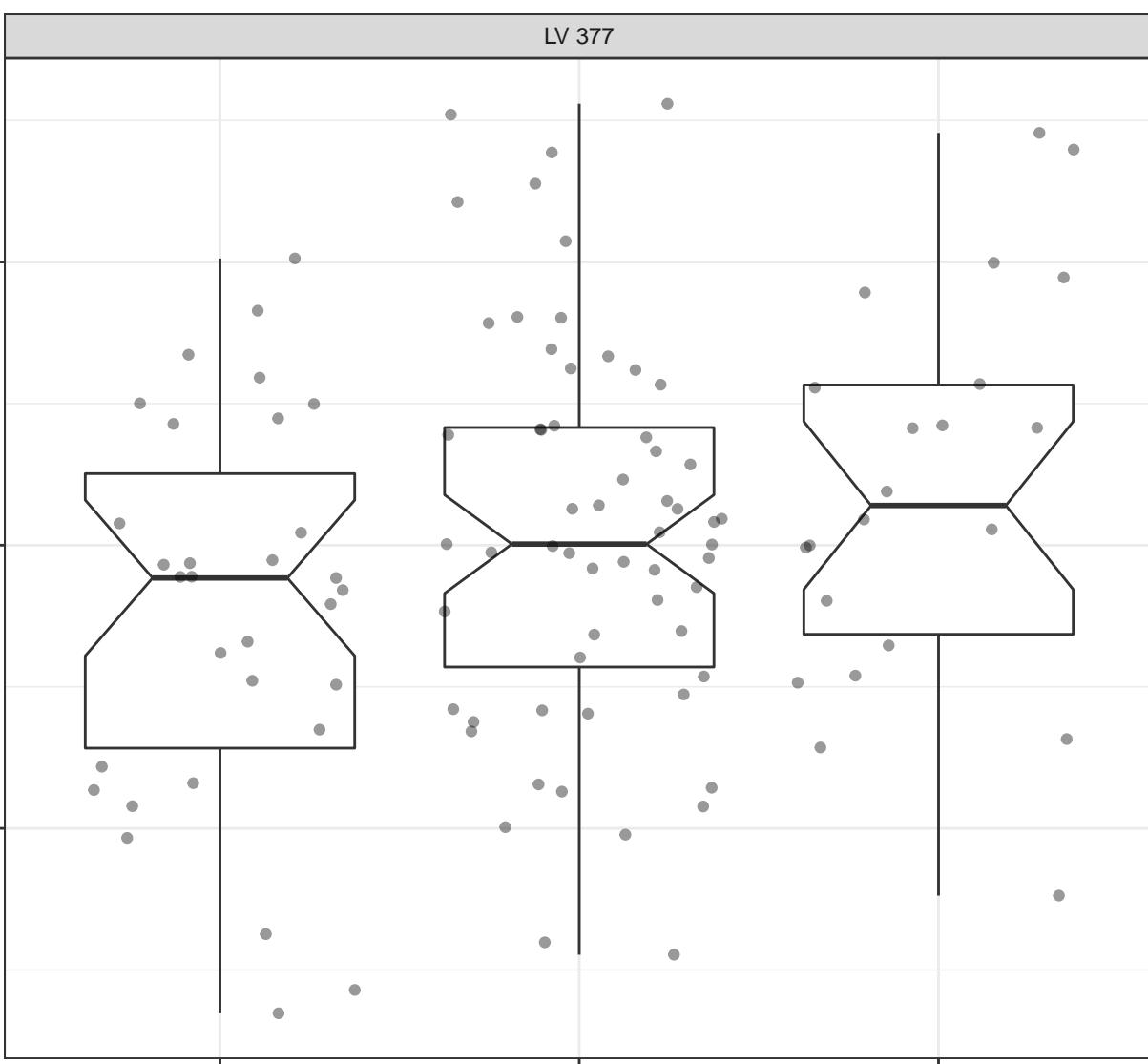
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.01

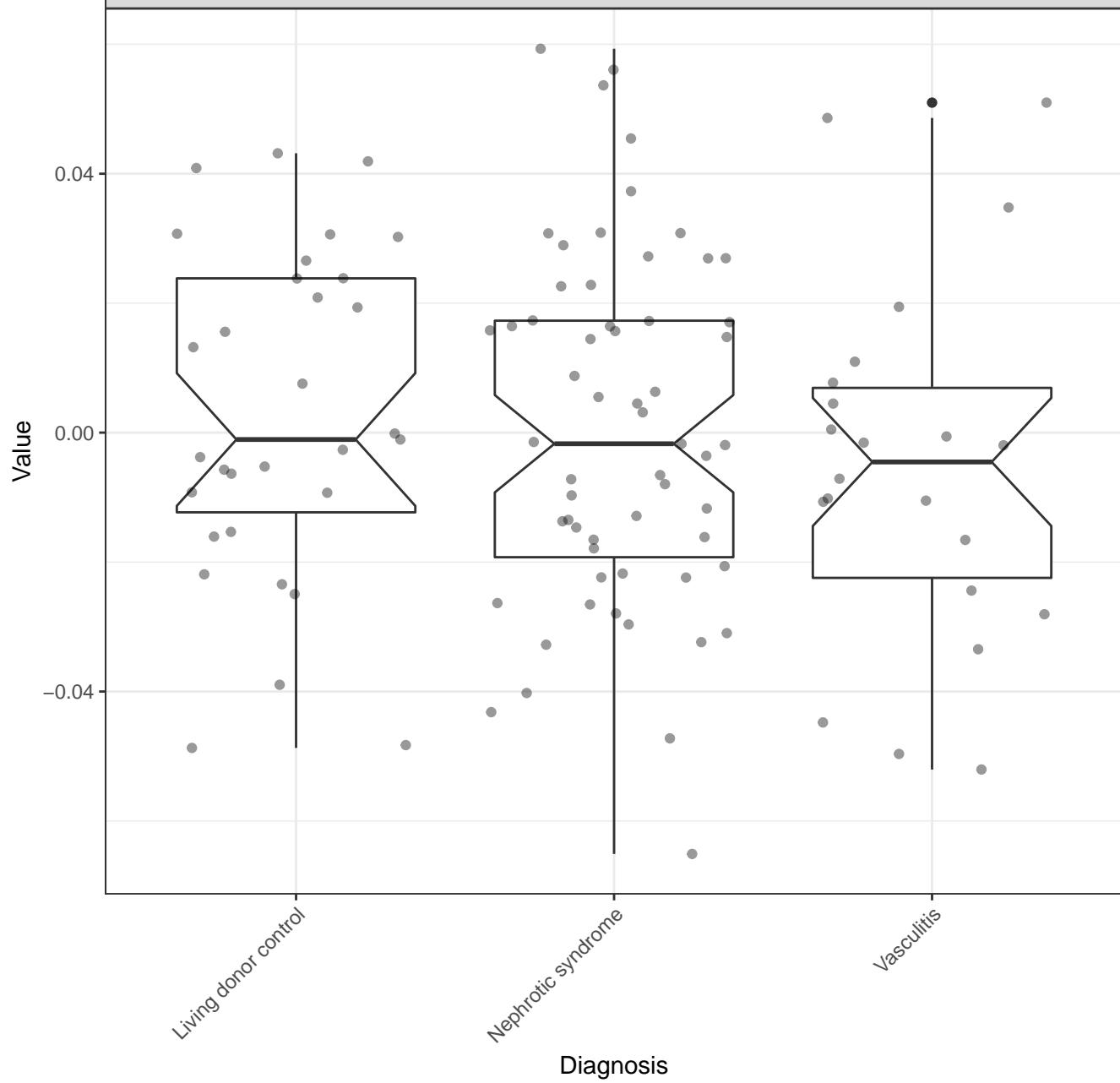
-0.04

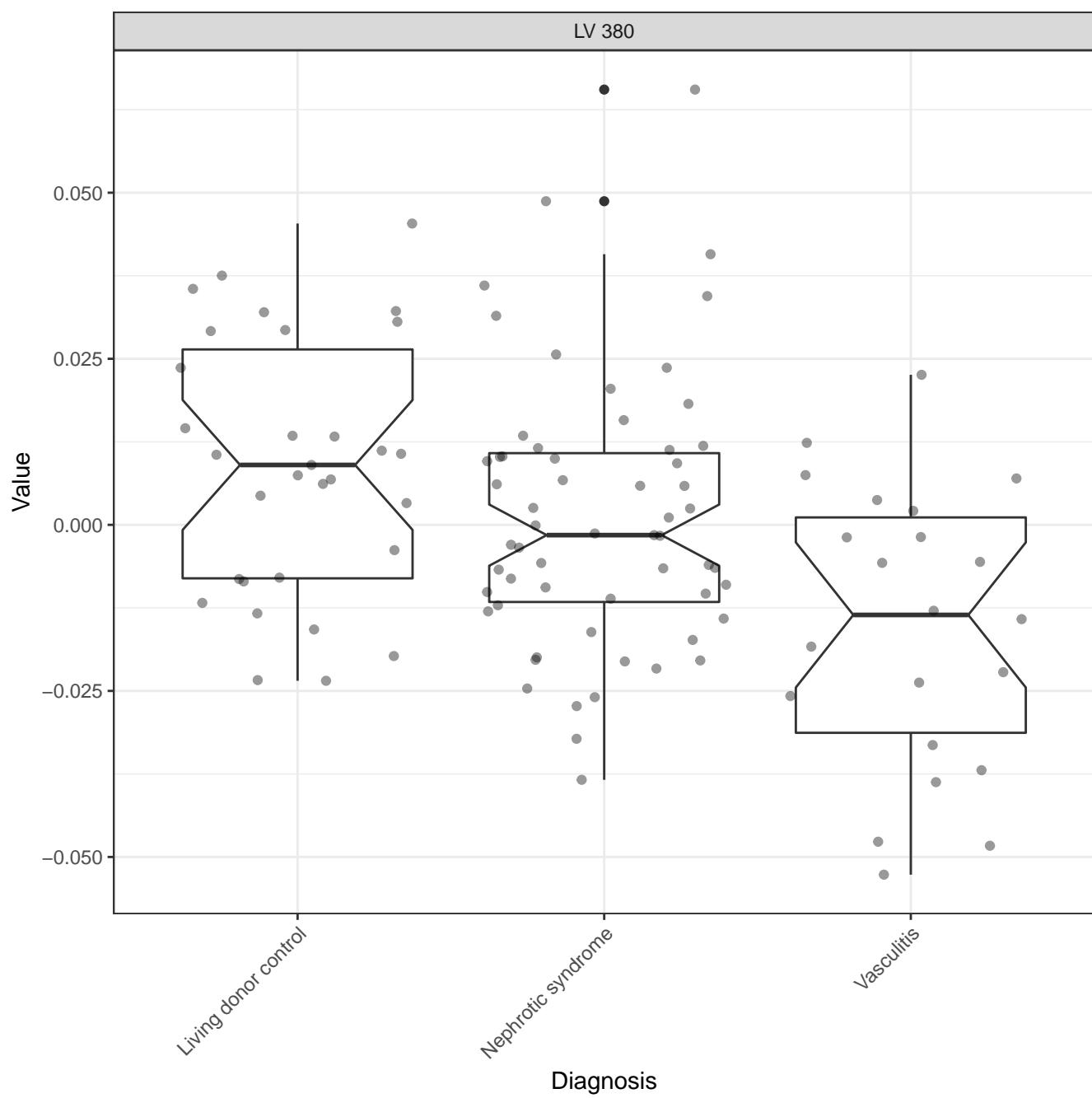
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 381

Value

0.05

0.00

-0.05

-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.05

0.00

-0.05

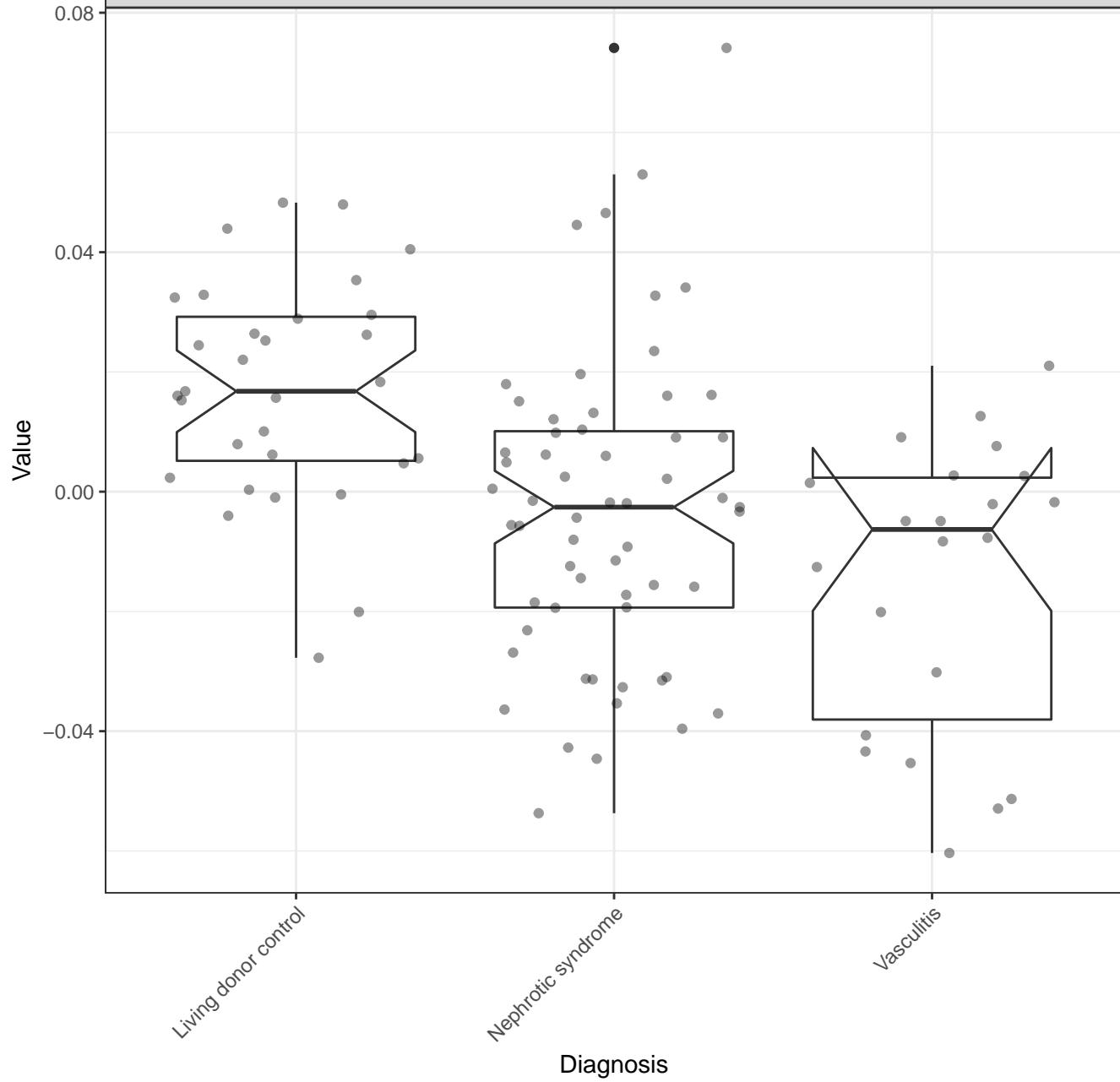
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 383



Value

0.05

0.00

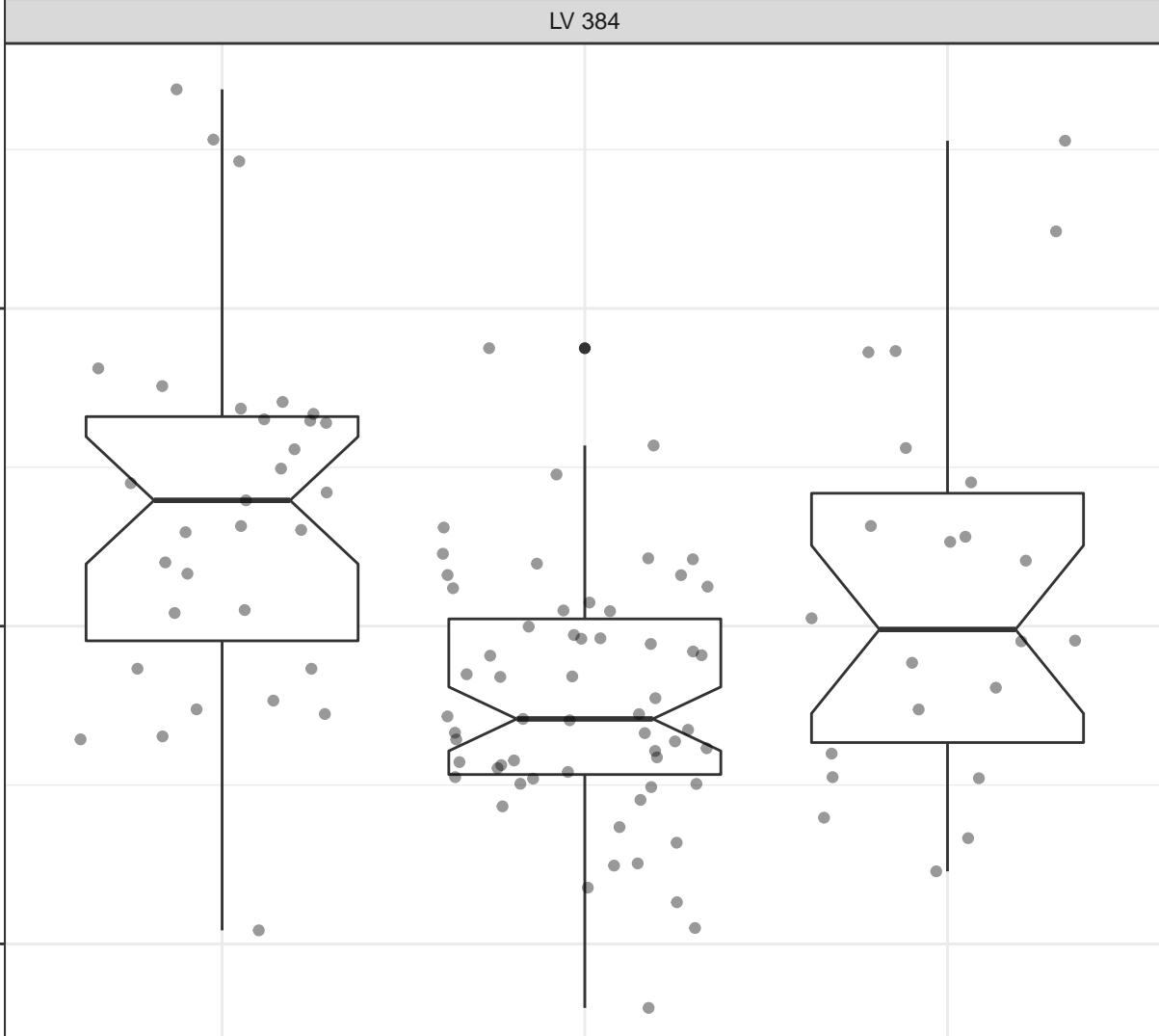
-0.05

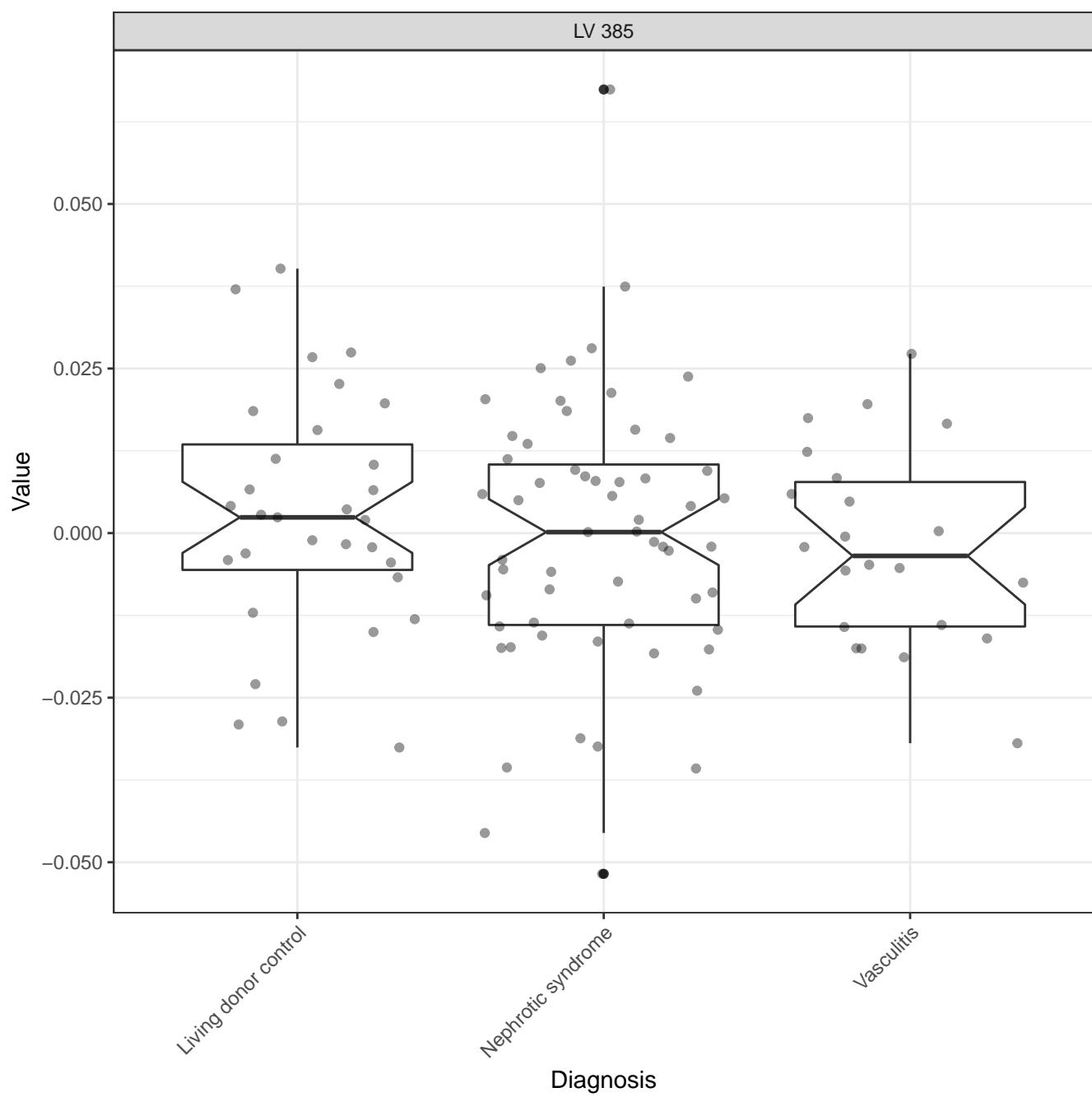
Living donor control

Nephrotic syndrome

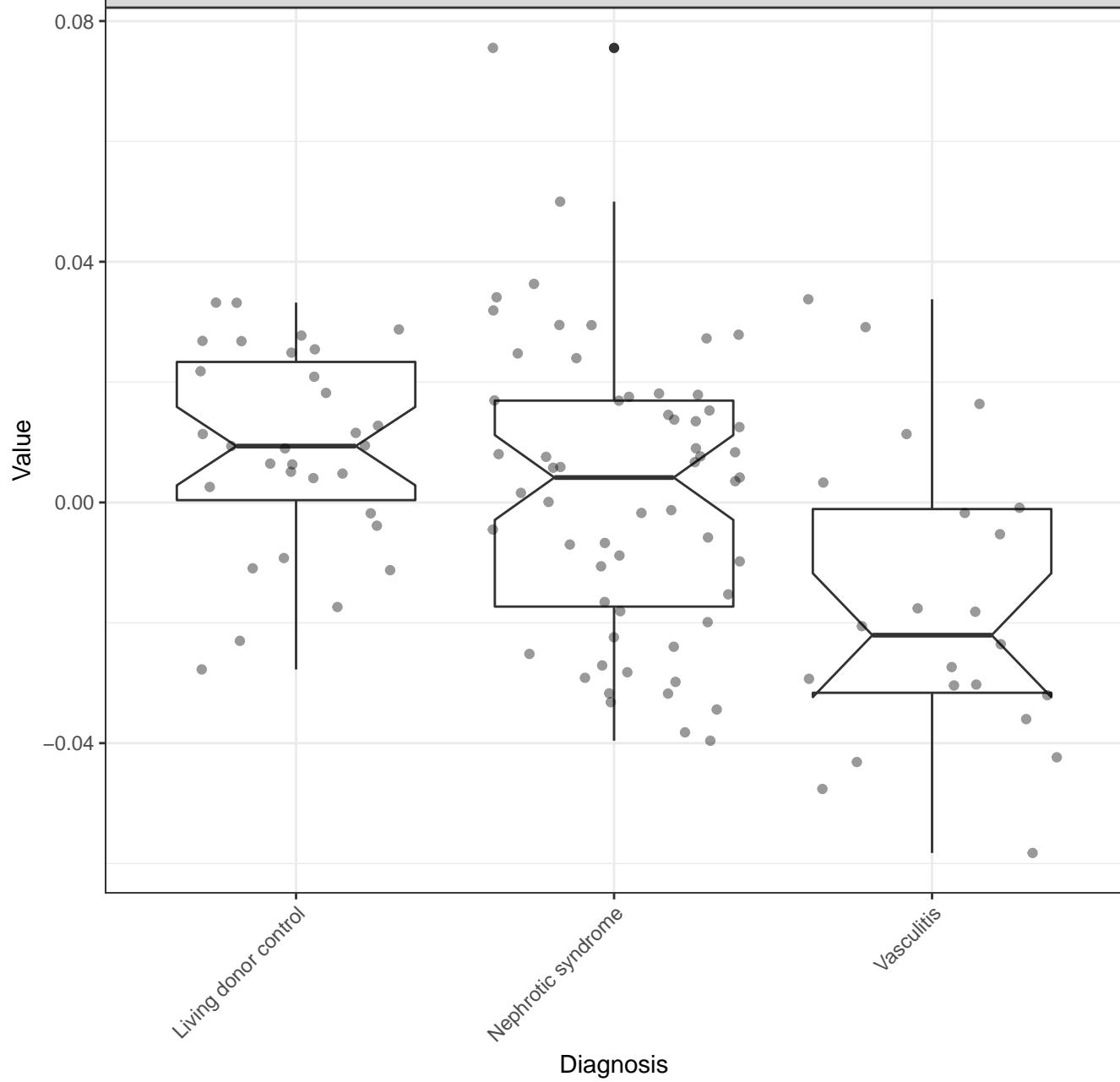
Vasculitis

Diagnosis





LV 386



Value

0.04

0.00

-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 388

Value

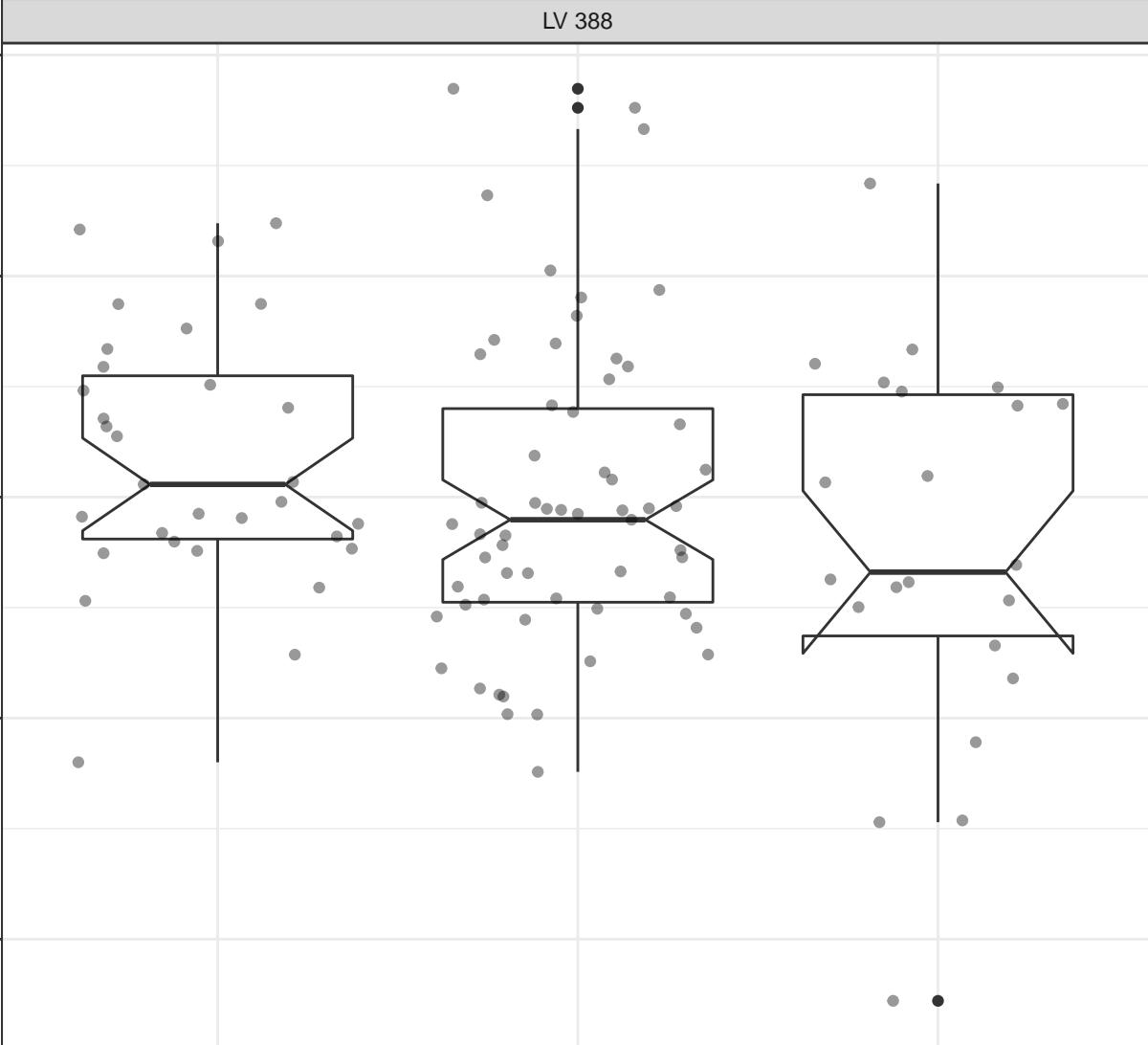
0.10  
0.05  
0.00  
-0.05  
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 389

Value

0.04

0.00

-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.10

0.05

0.00

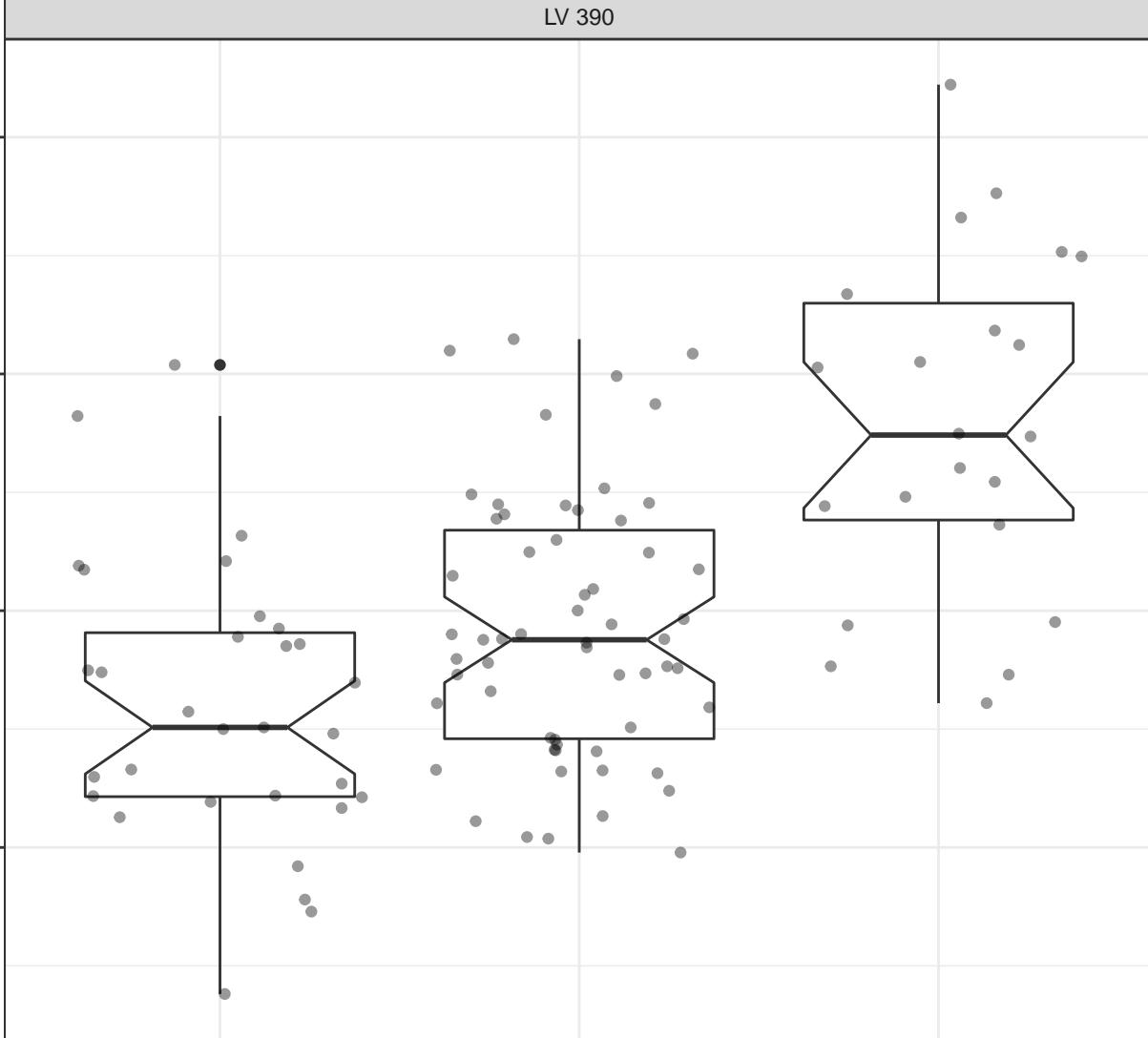
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.01

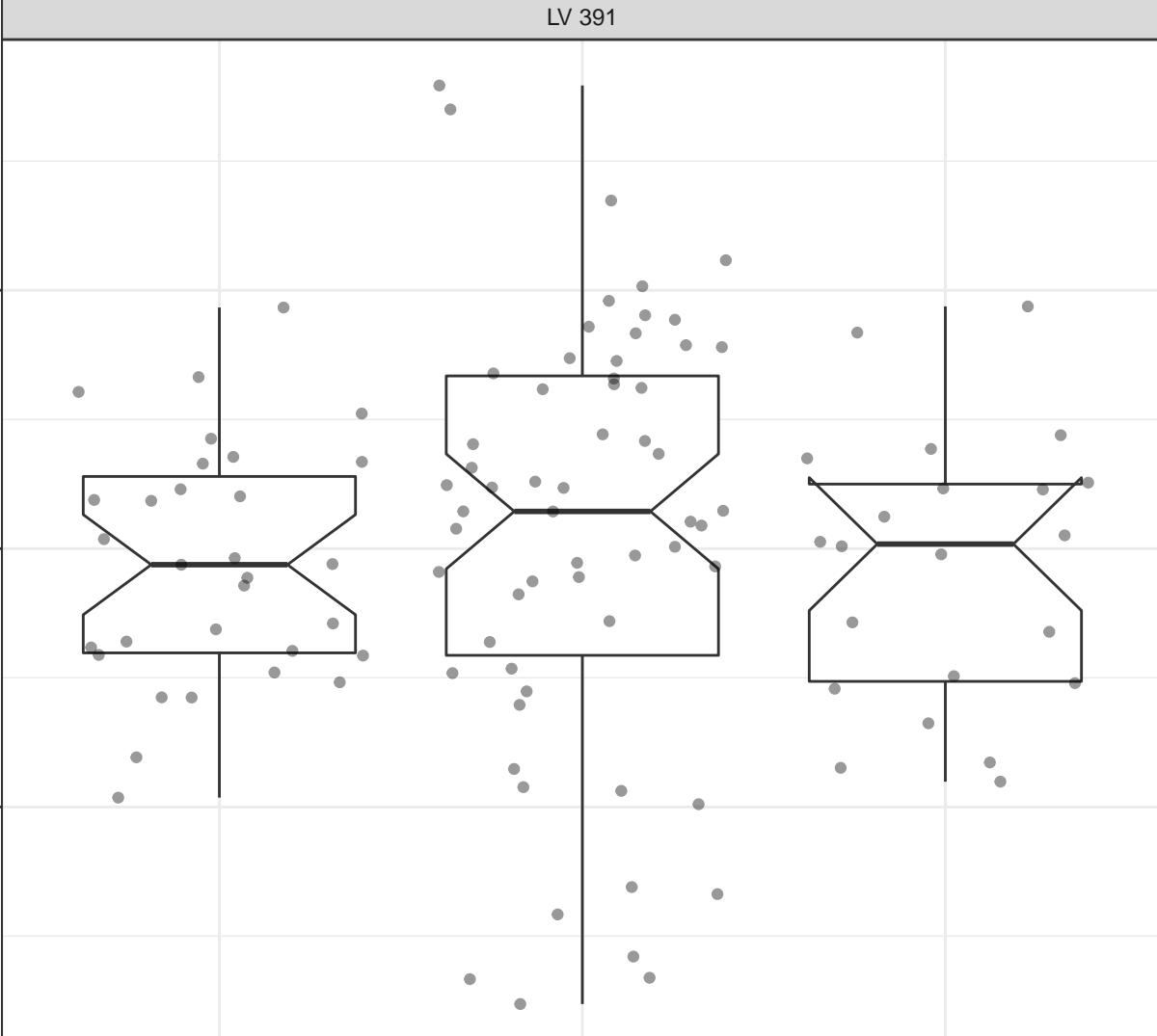
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

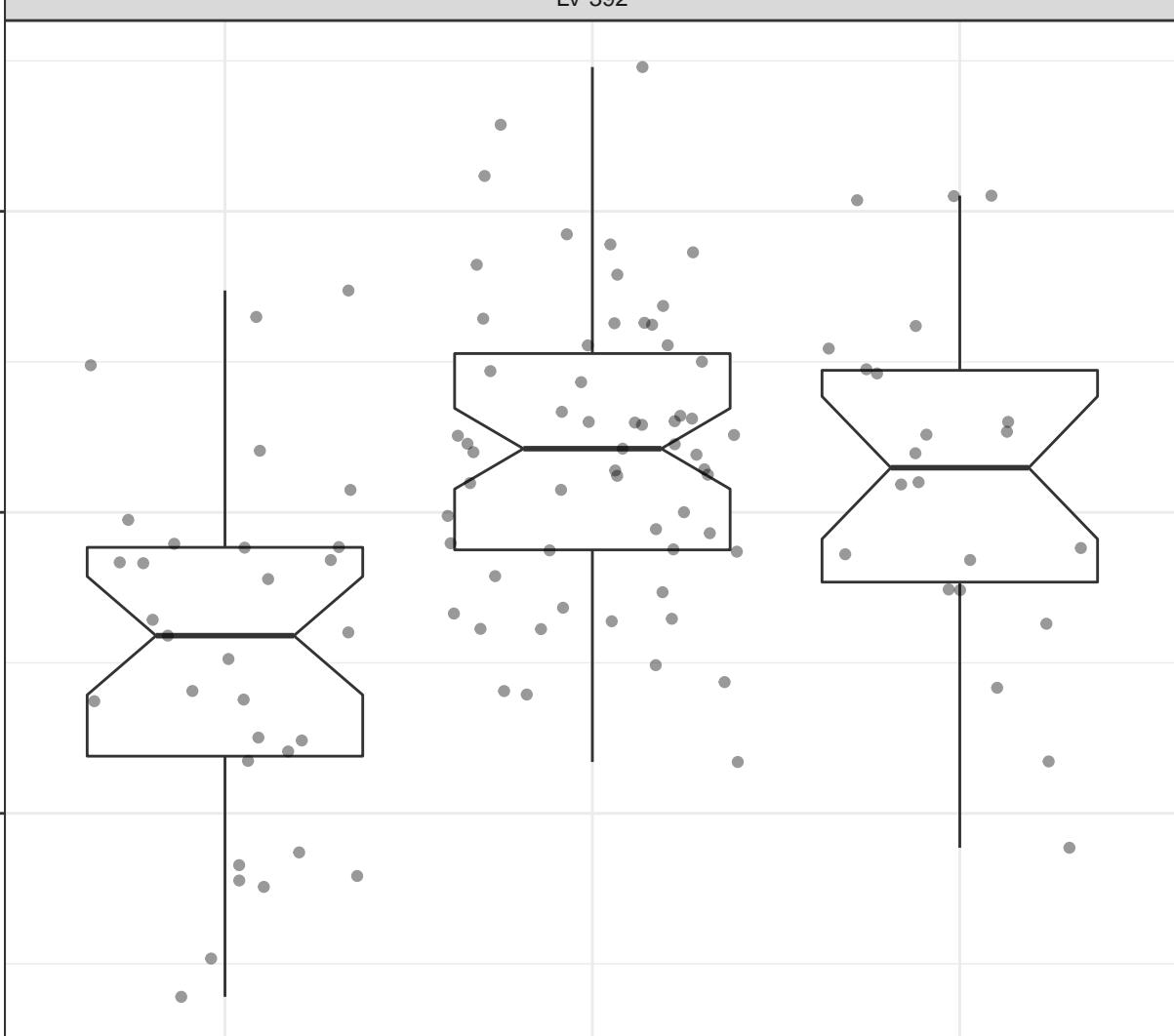
-0.05

Living donor control

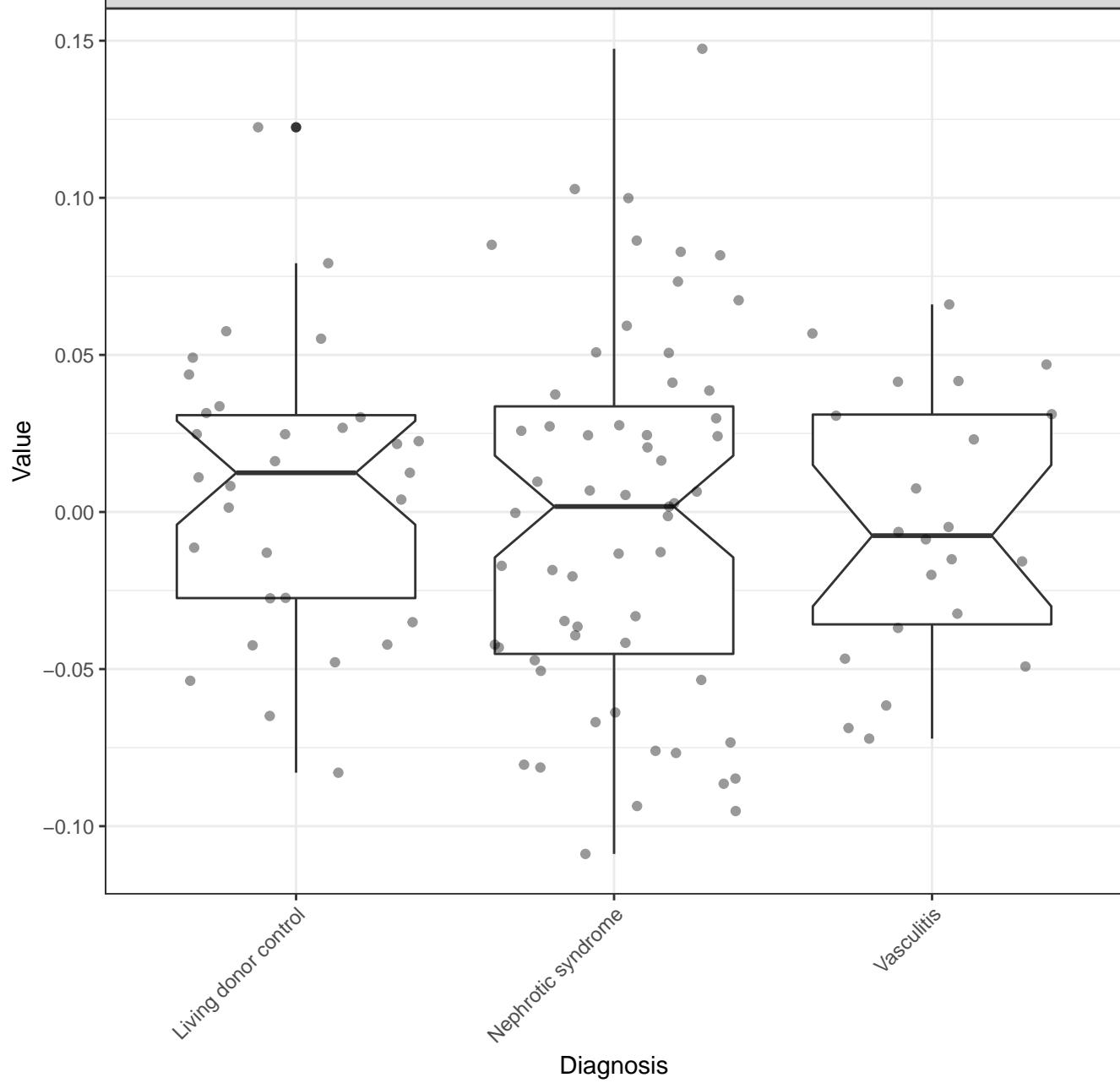
Nephrotic syndrome

Vasculitis

Diagnosis



LV 393



Value

0.04

0.00

-0.04

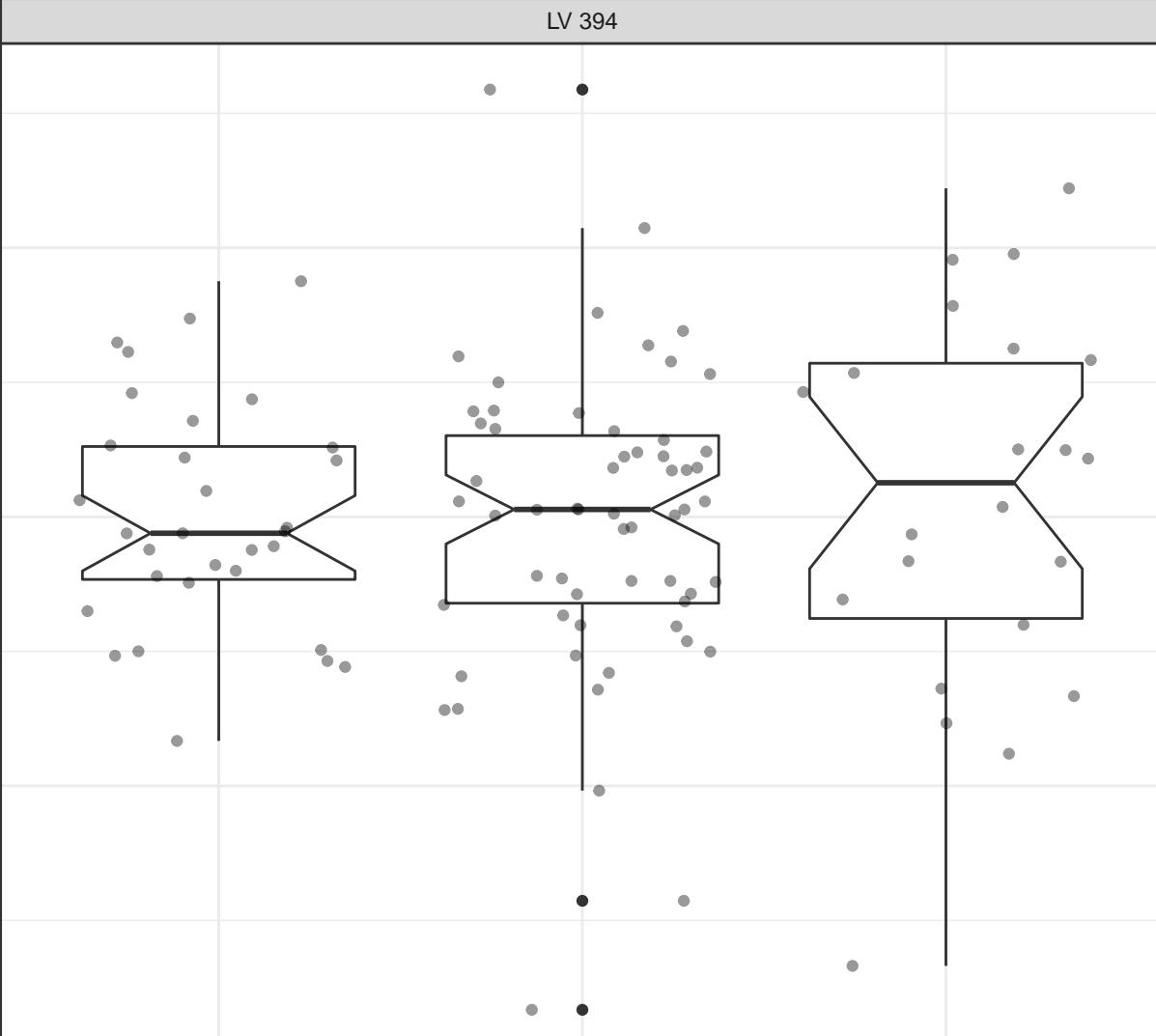
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 395

Value

0.1

0.0

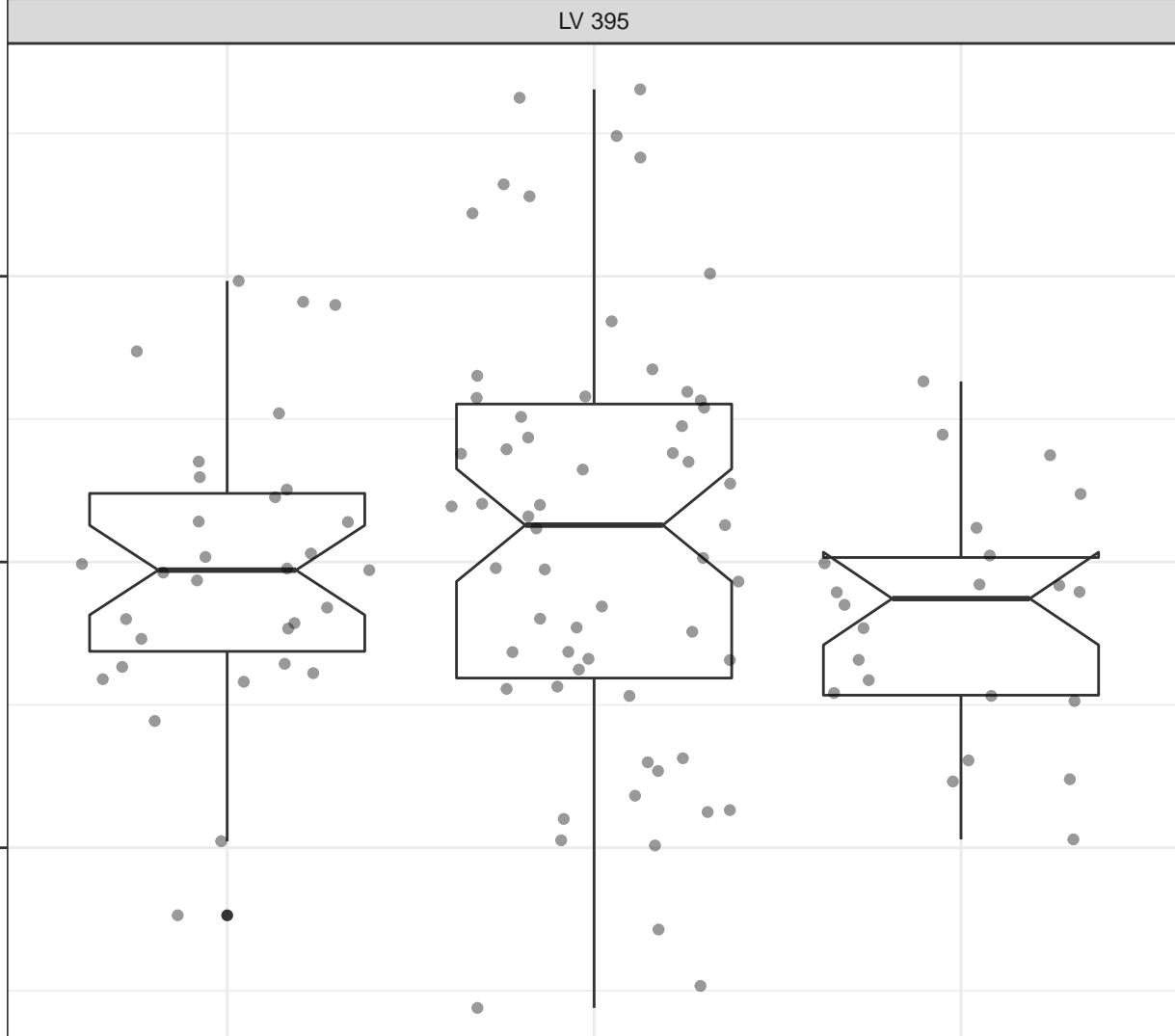
-0.1

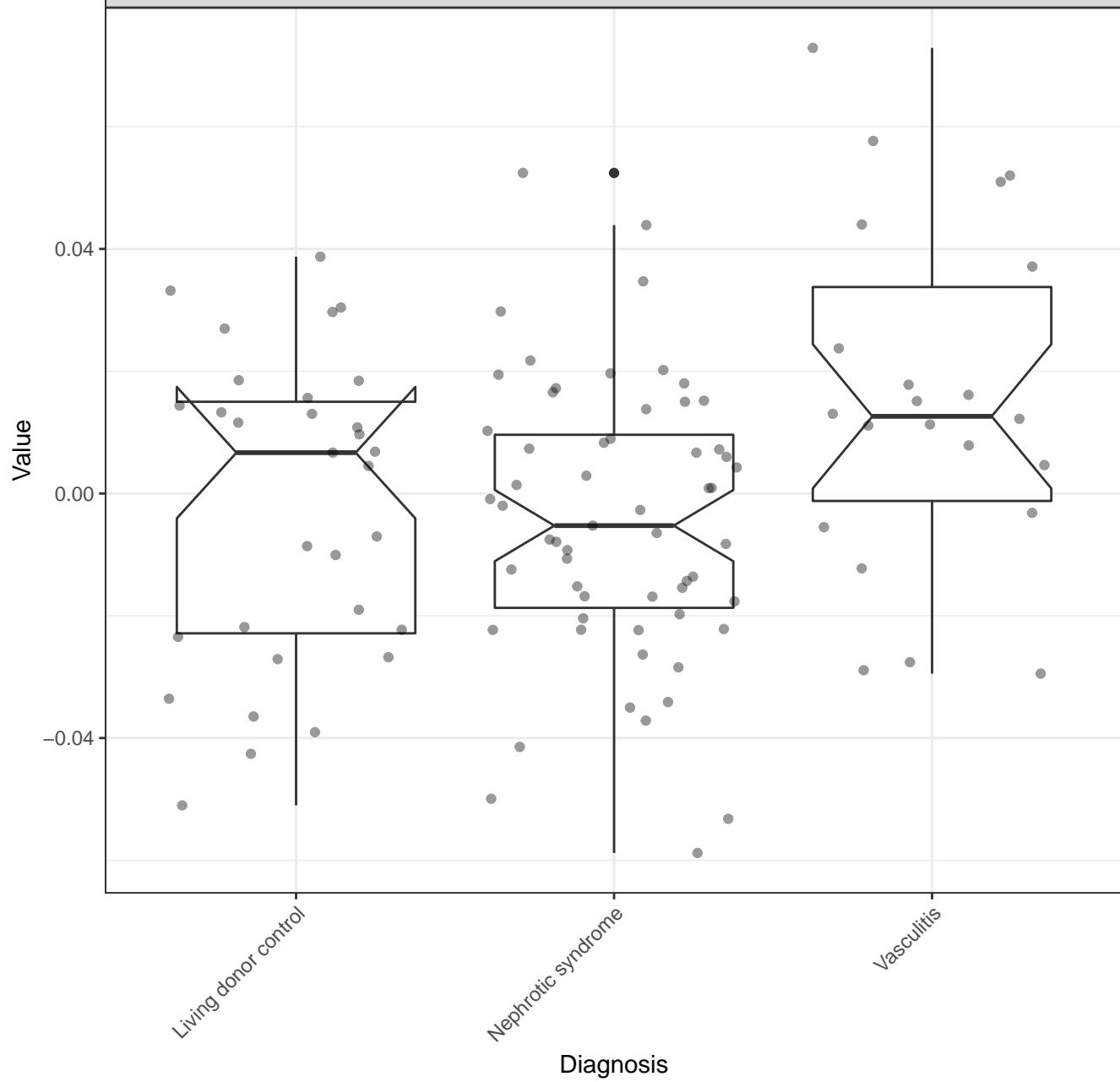
Living donor control

Nephrotic syndrome

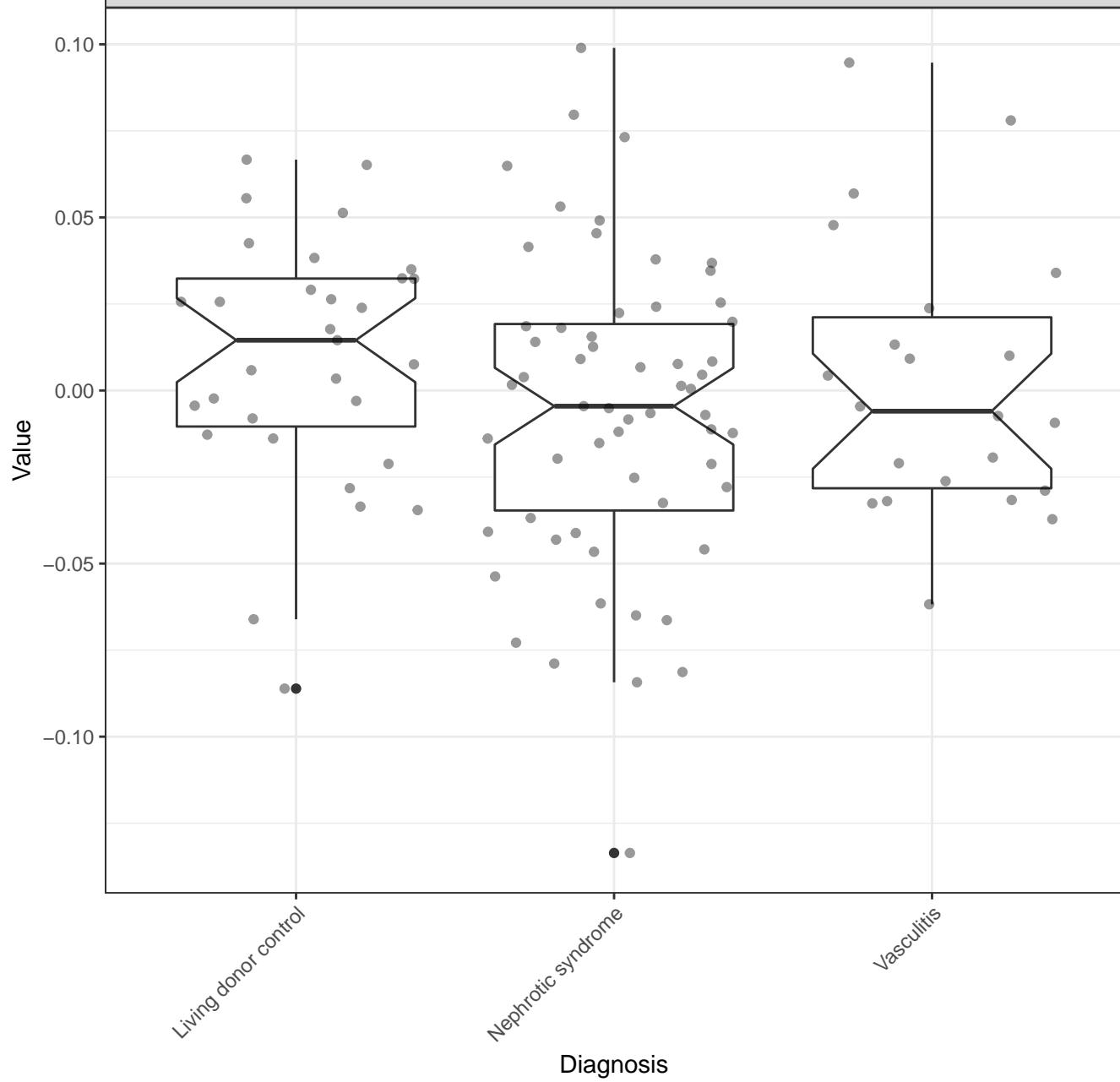
Vasculitis

Diagnosis





LV 397



Value

0.05

0.00

-0.05

-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 399

Value

0.05

0.01

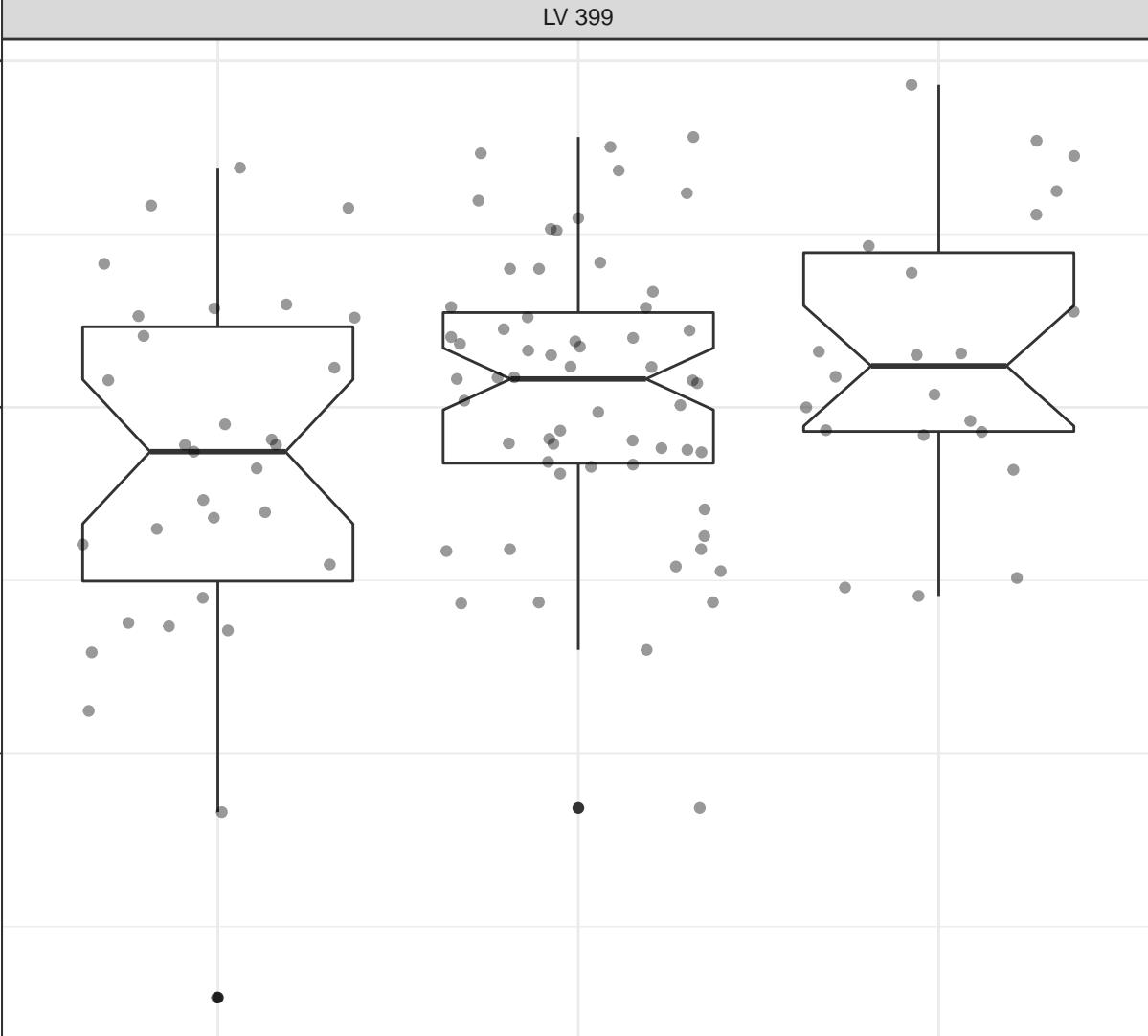
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 400

Value

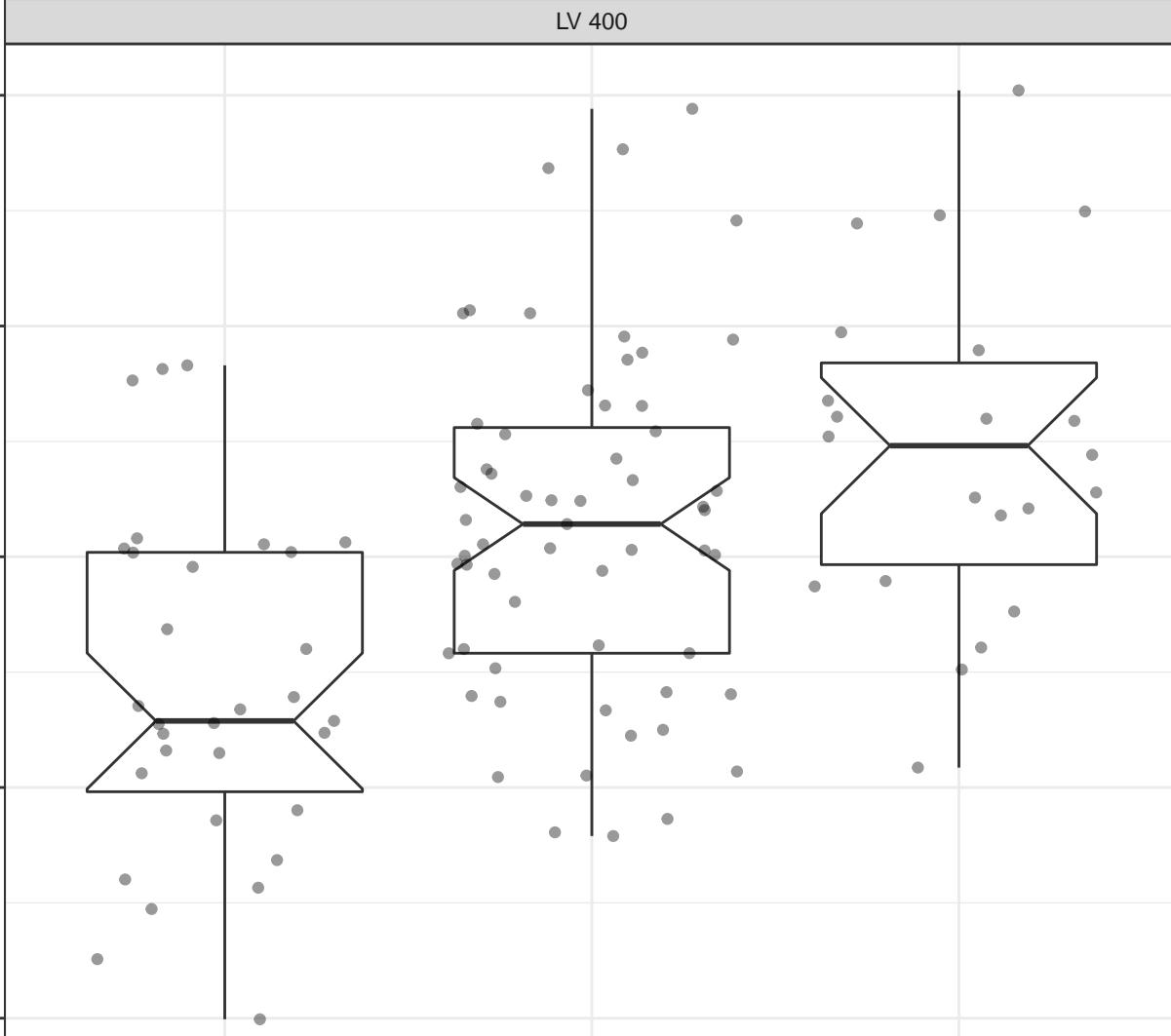
0.06  
0.03  
0.00  
-0.03  
-0.06

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 401

Value

0.05

0.00

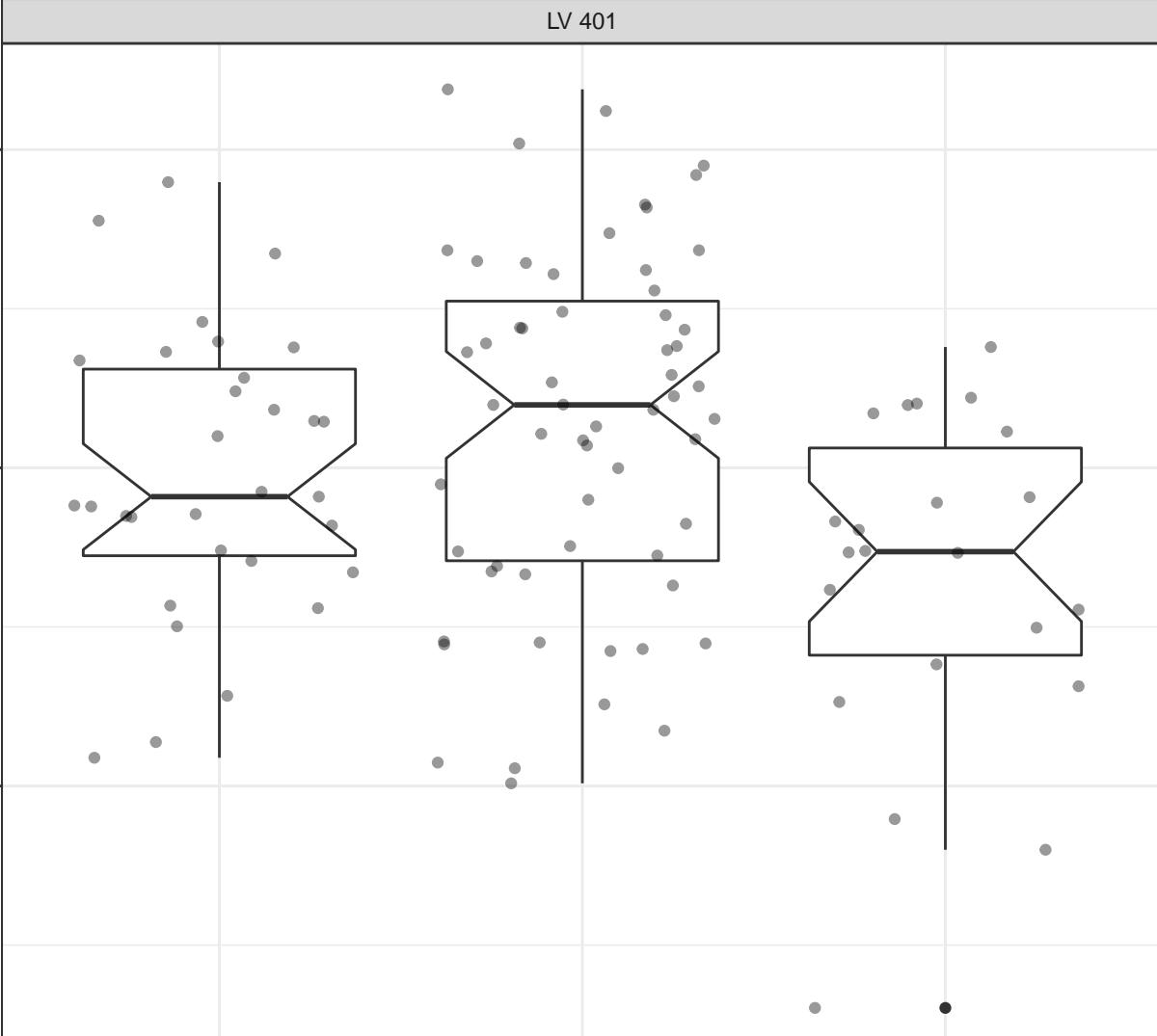
-0.05

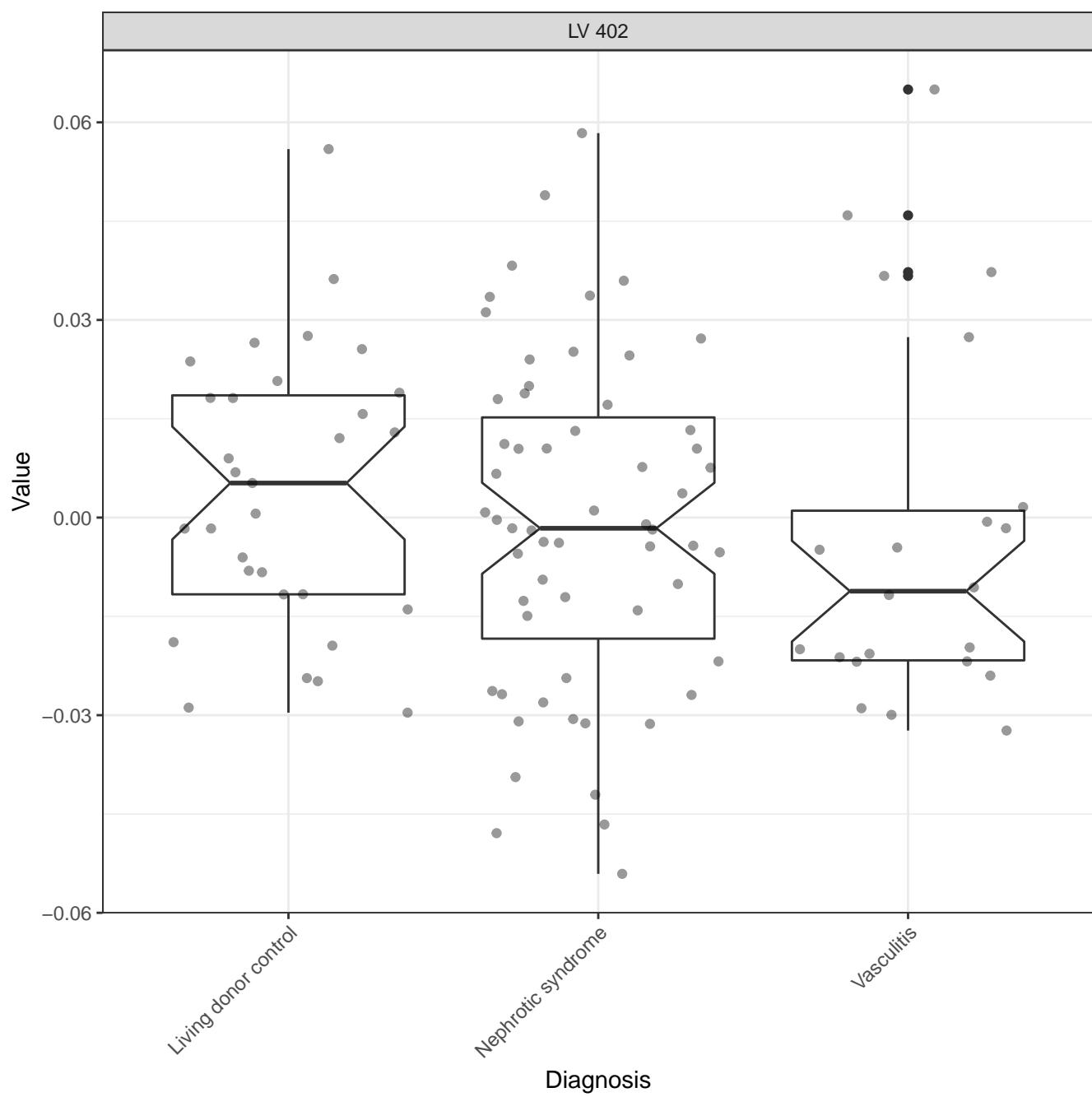
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.05

0.00

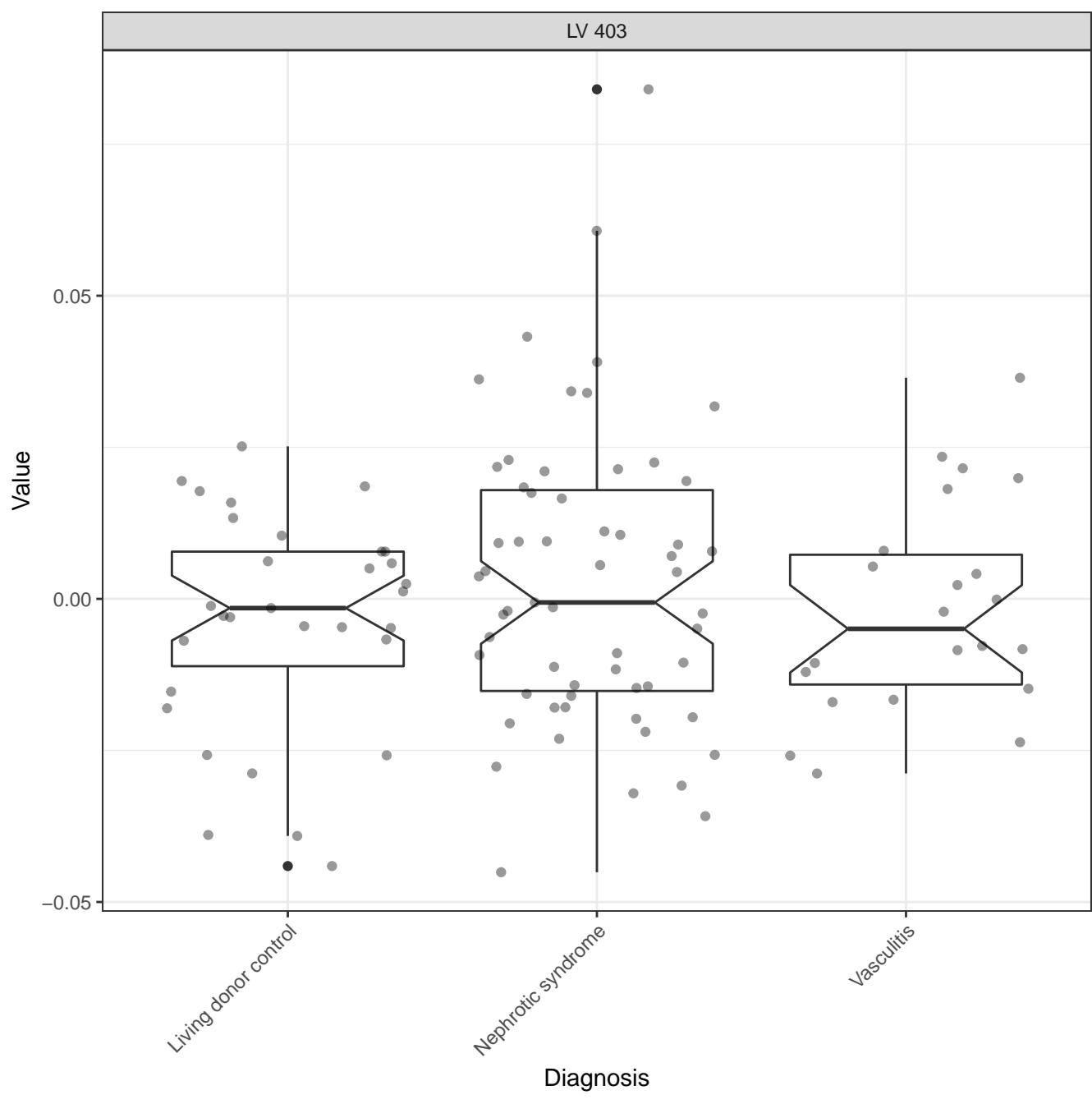
-0.05

Living donor control

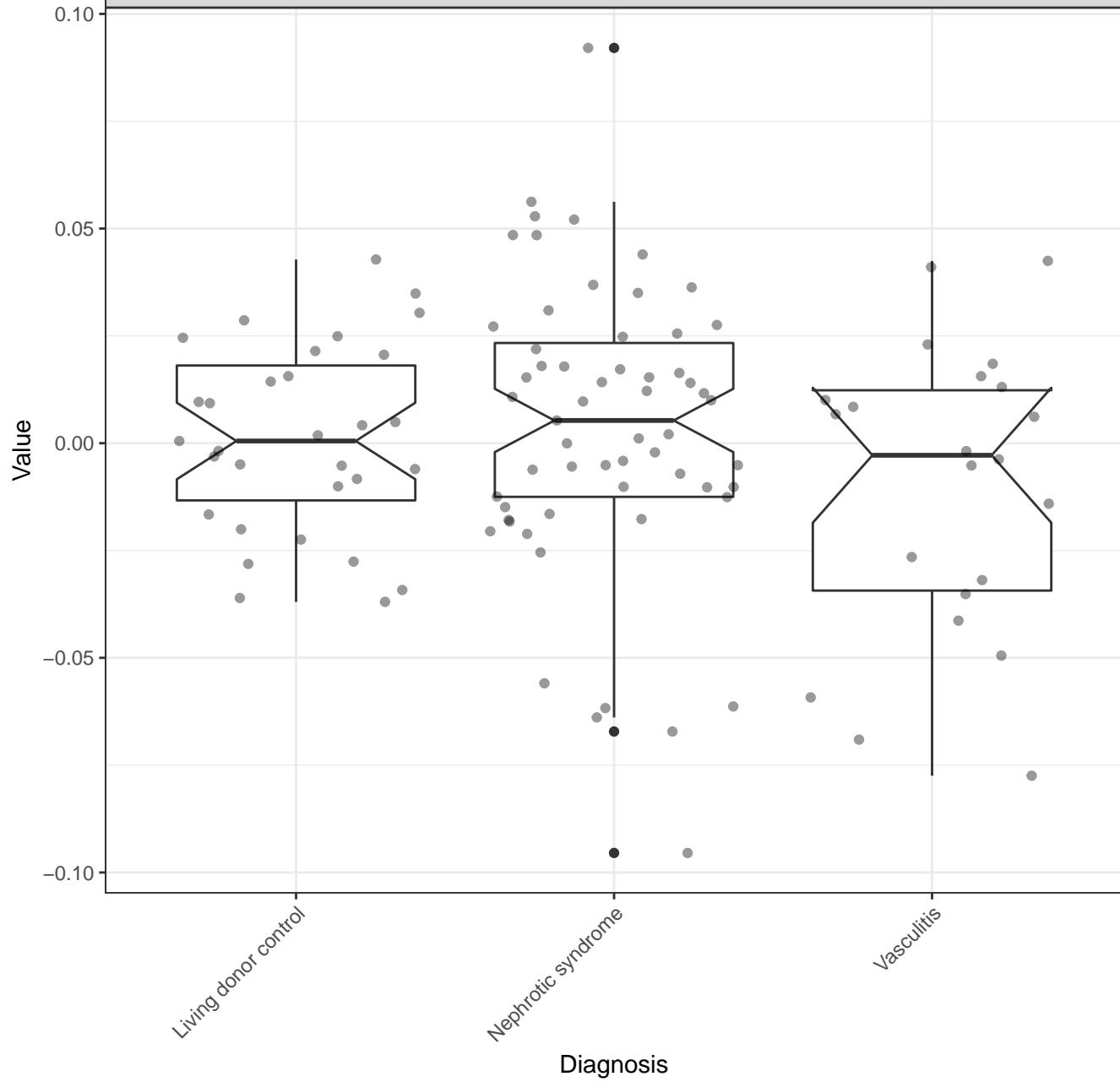
Nephrotic syndrome

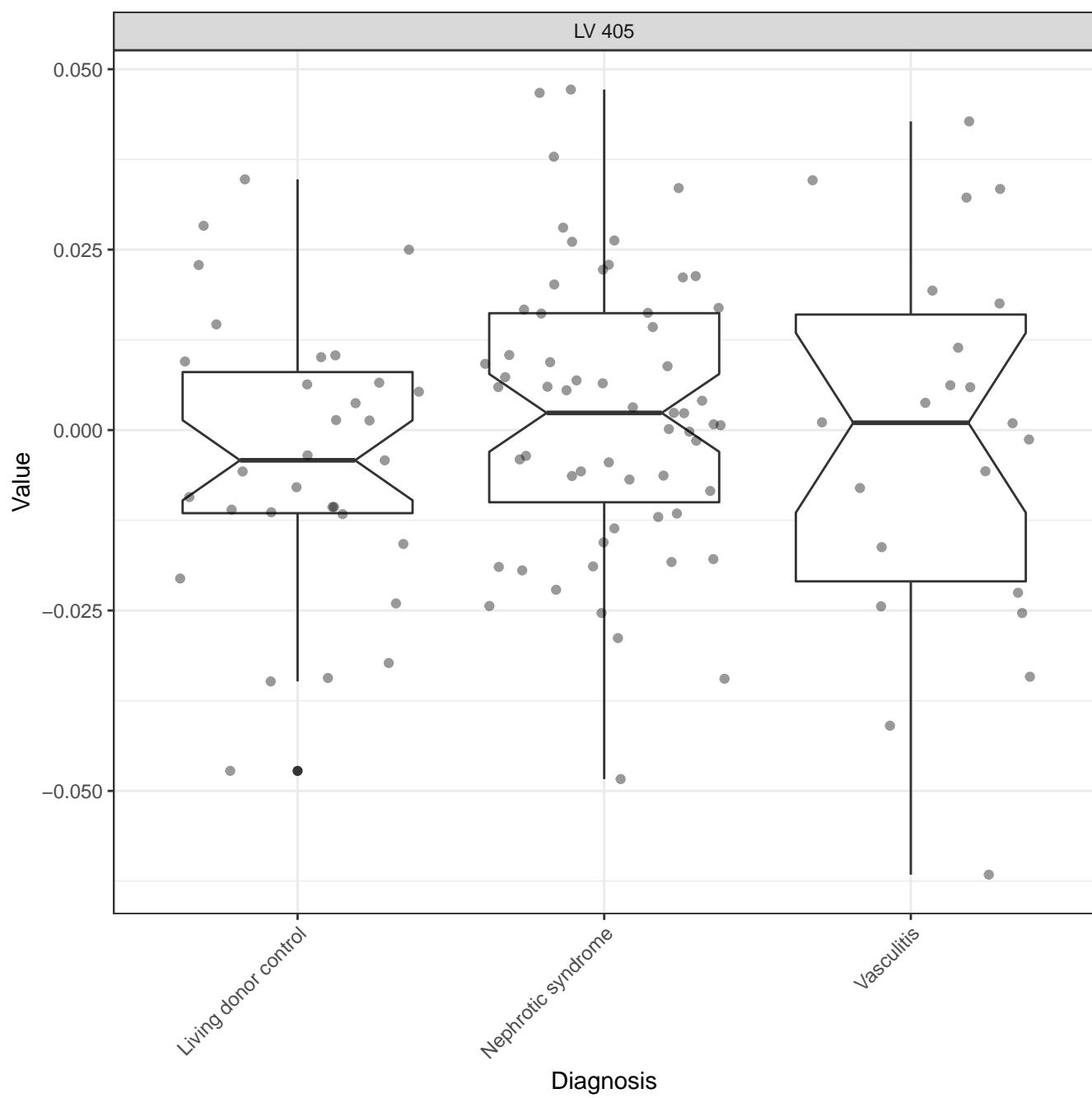
Vasculitis

Diagnosis



LV 404





LV 406

Value

0.03

0.00

-0.03

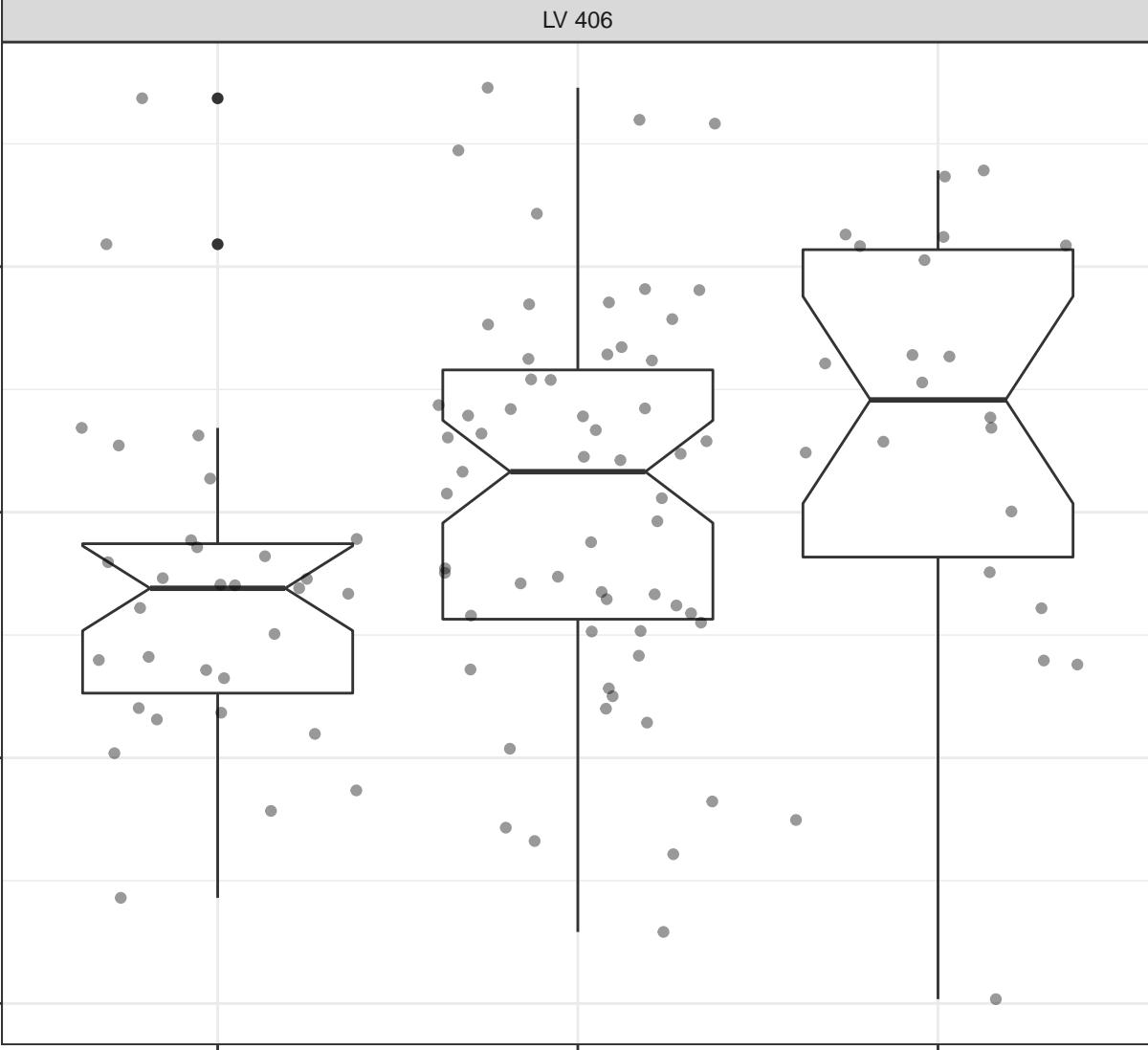
-0.06

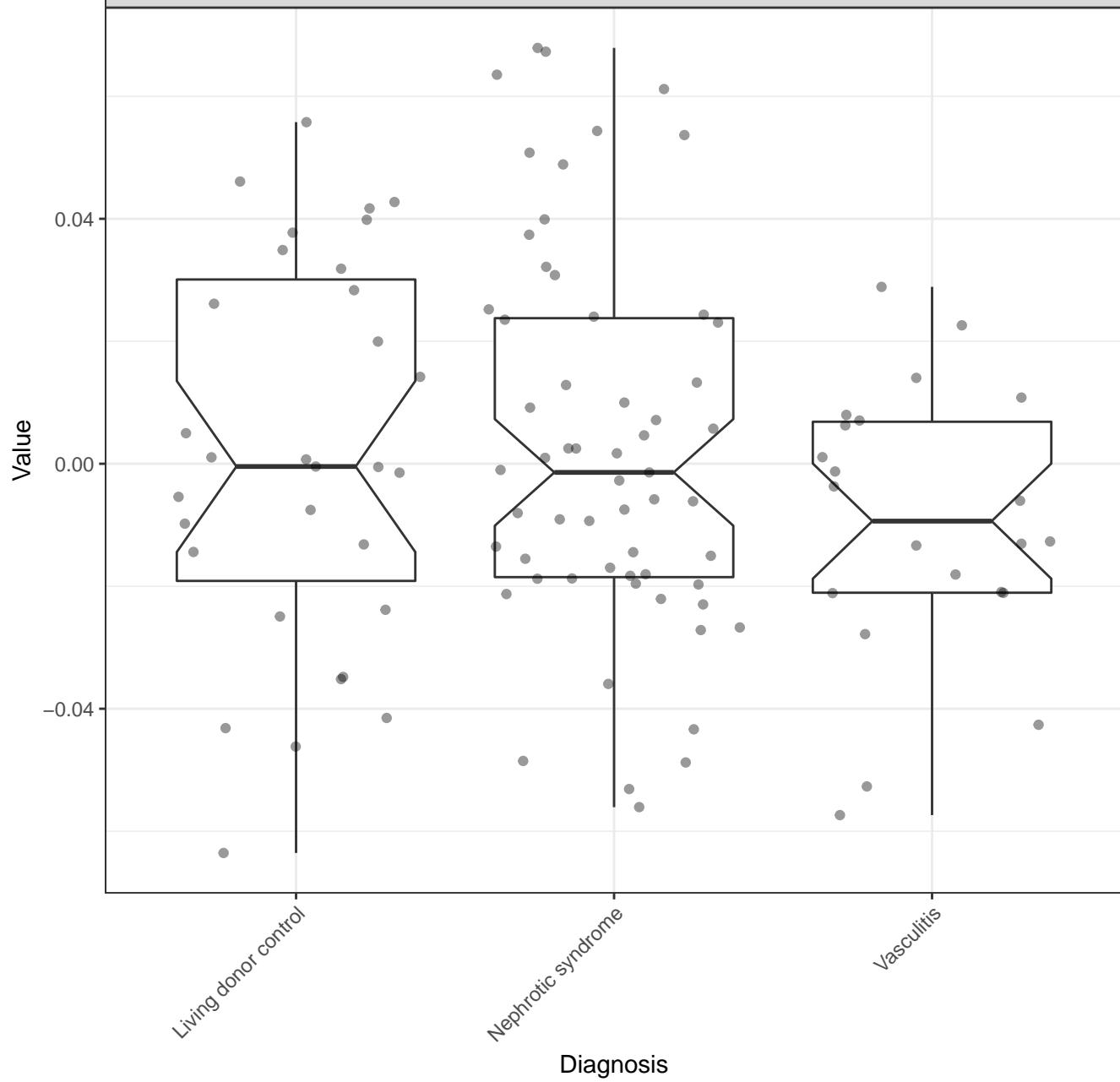
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 408

Value

0.04

0.01

-0.04

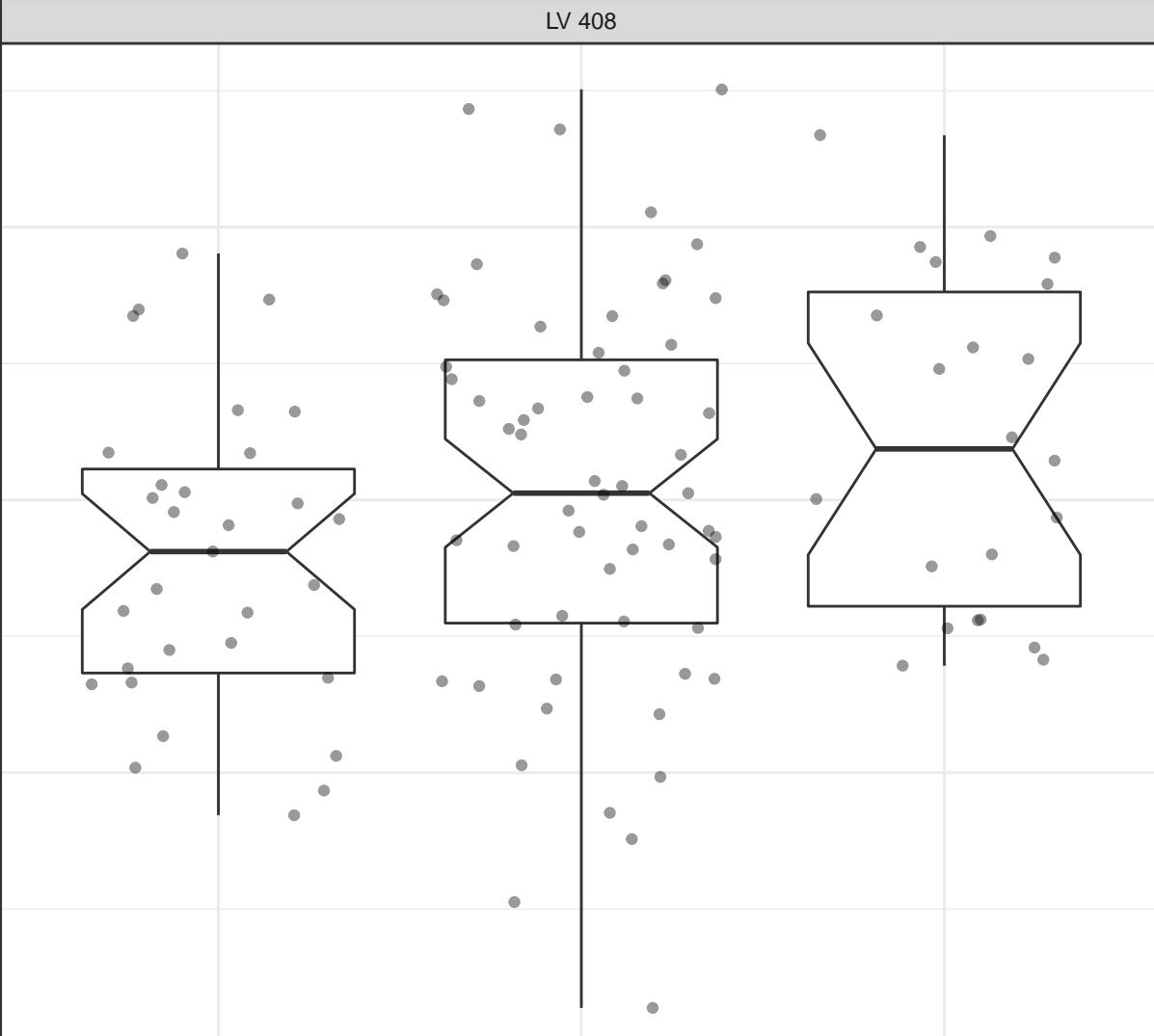
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

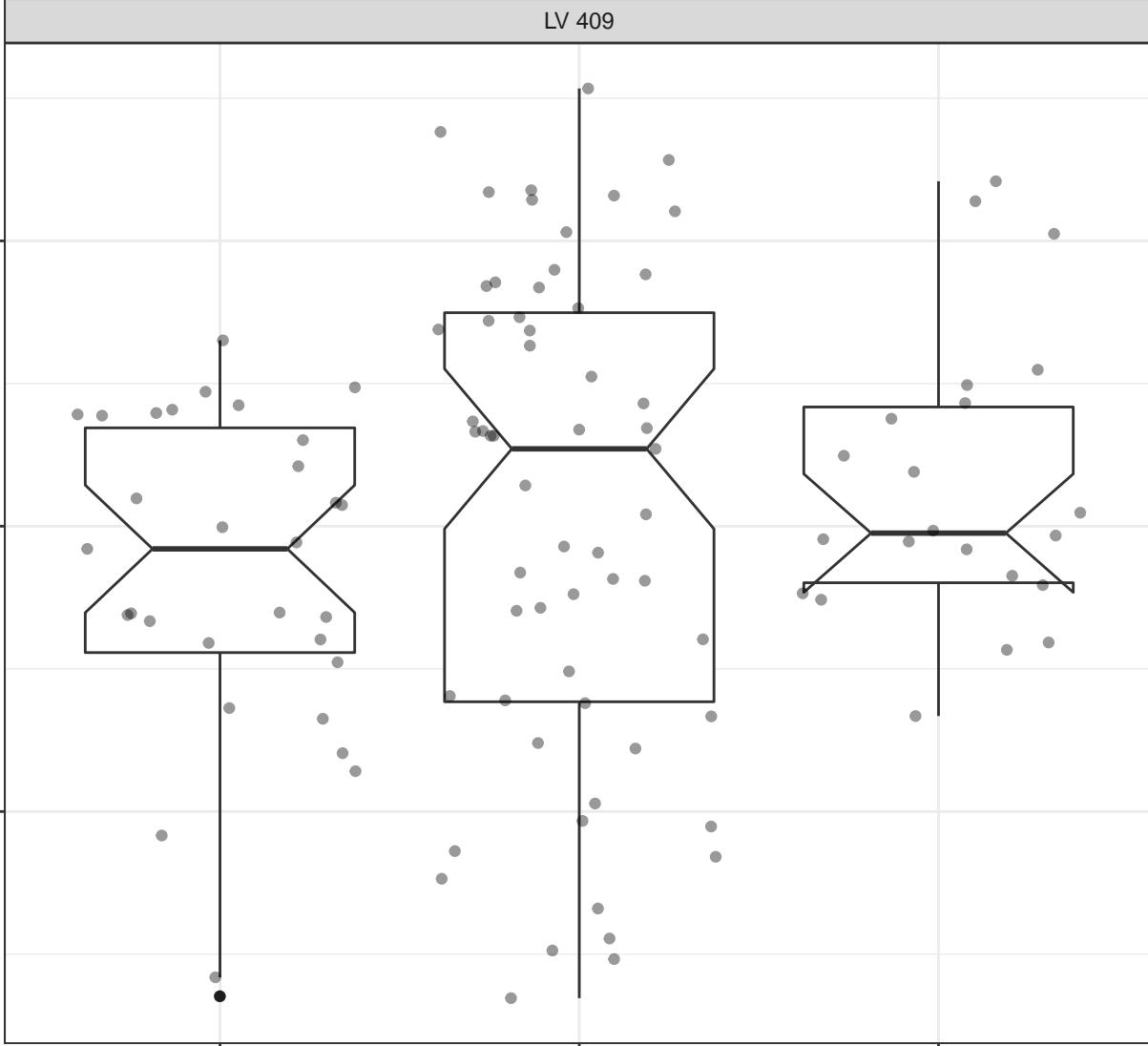
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

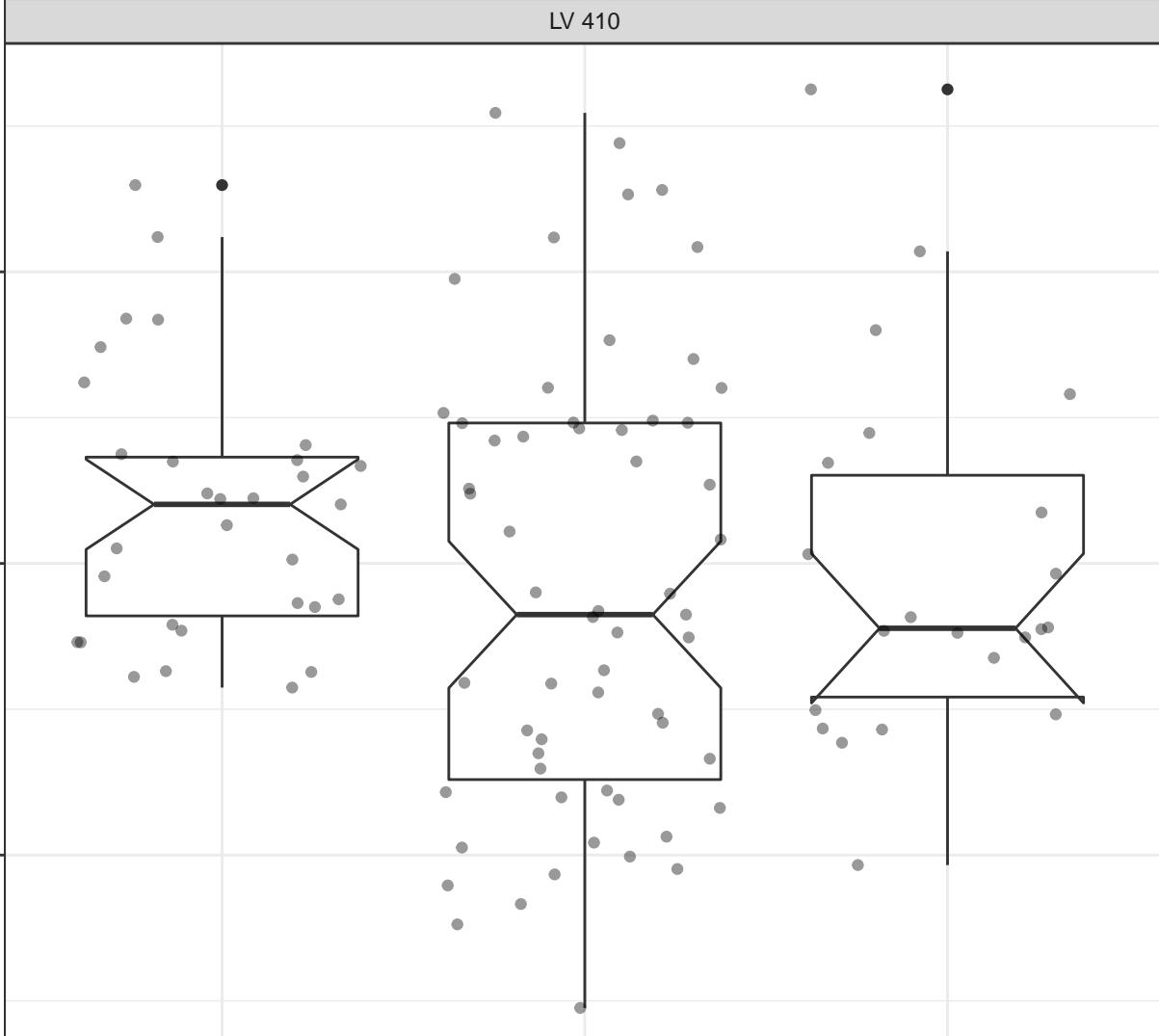
-0.05

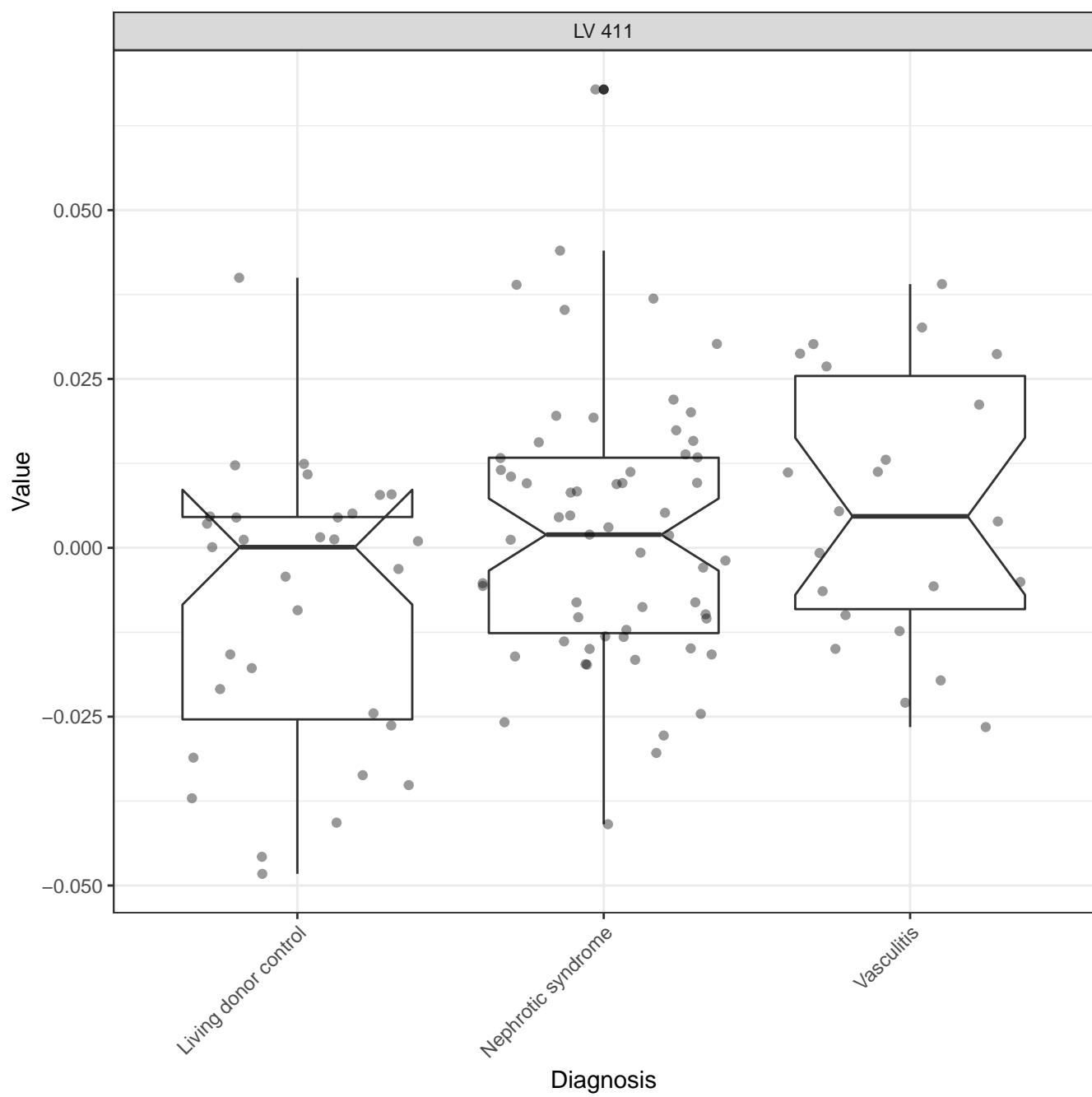
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.04

0.00

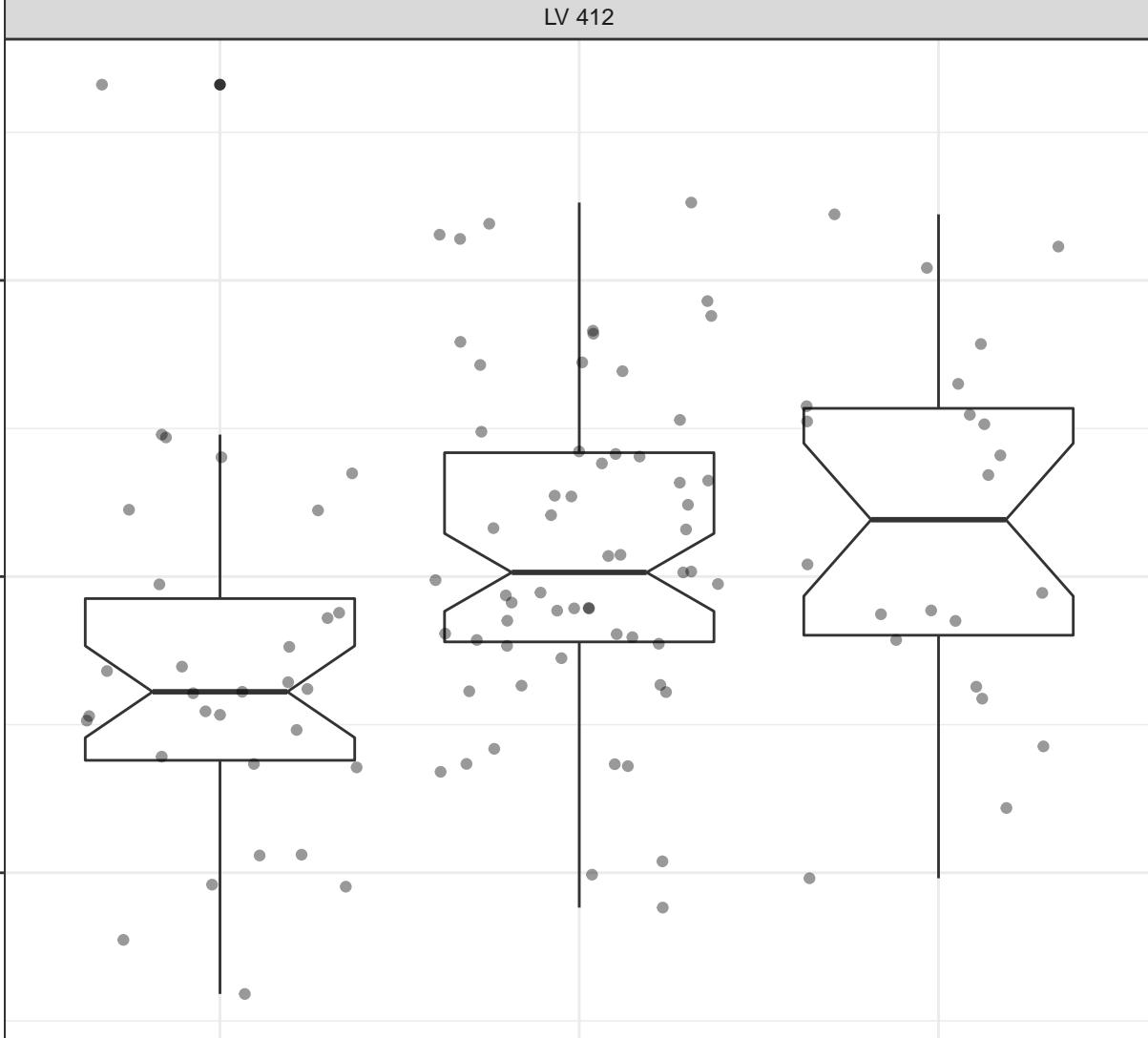
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

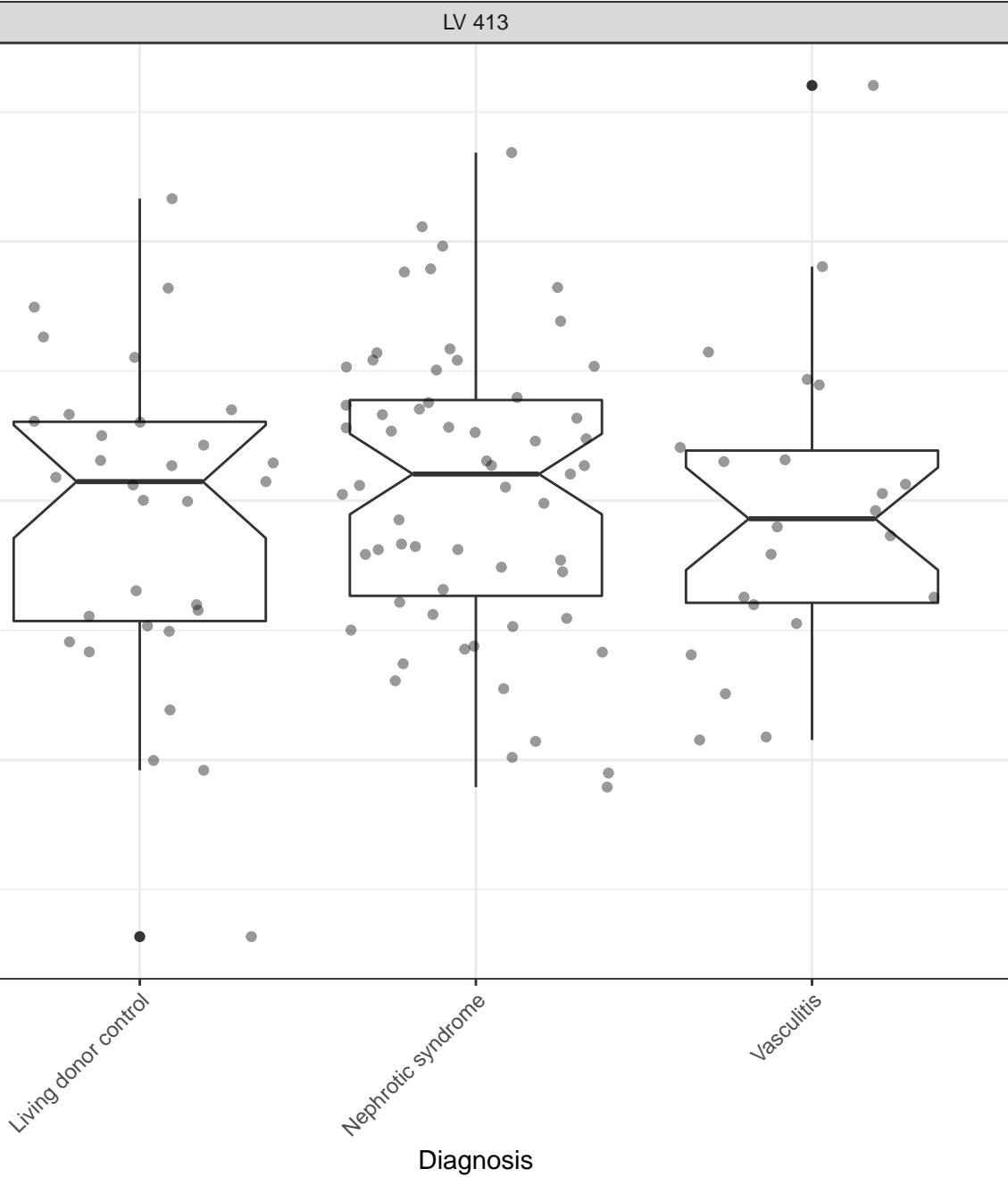
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 414

Value

0.04

0.00

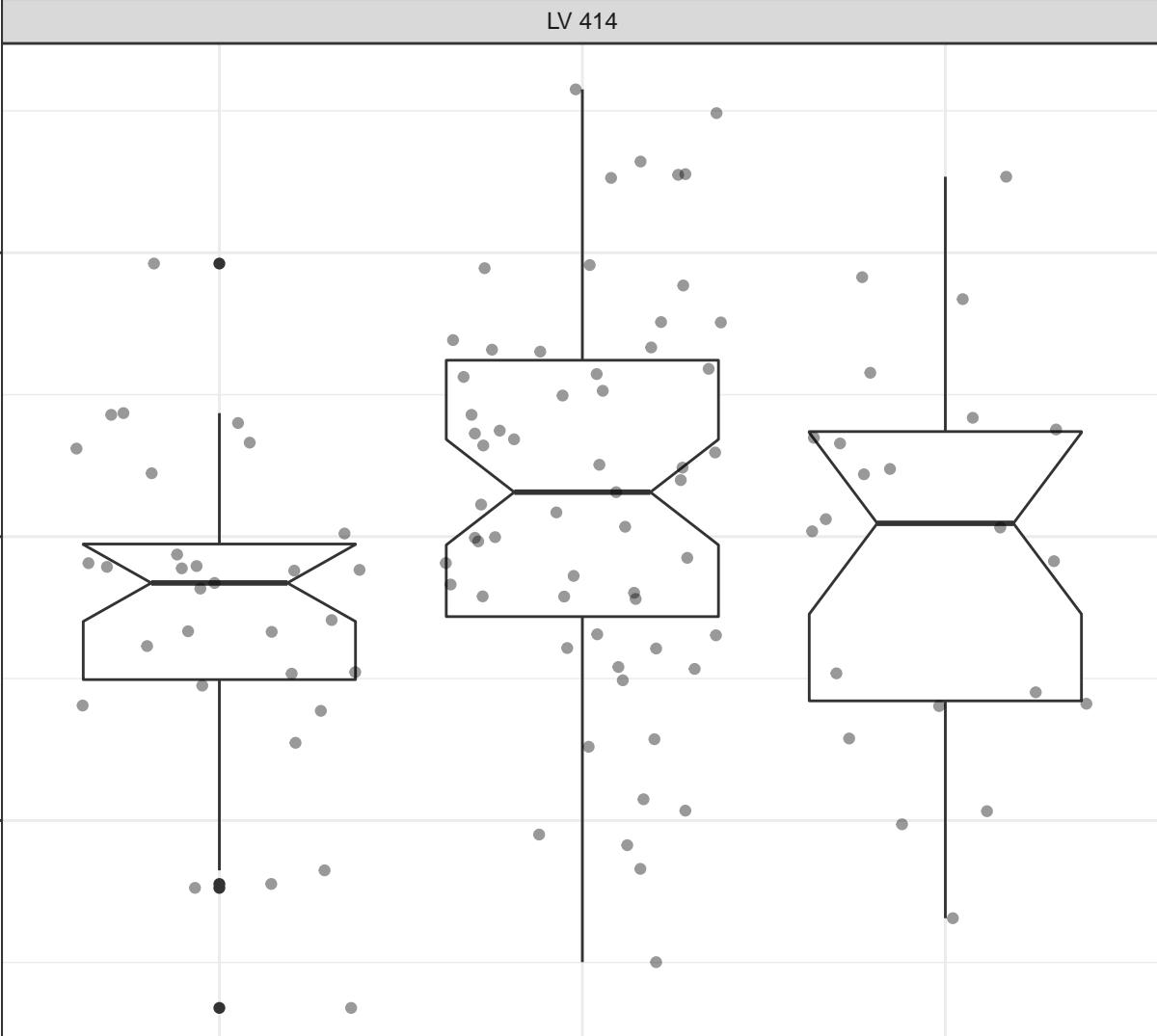
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.08

0.04

0.00

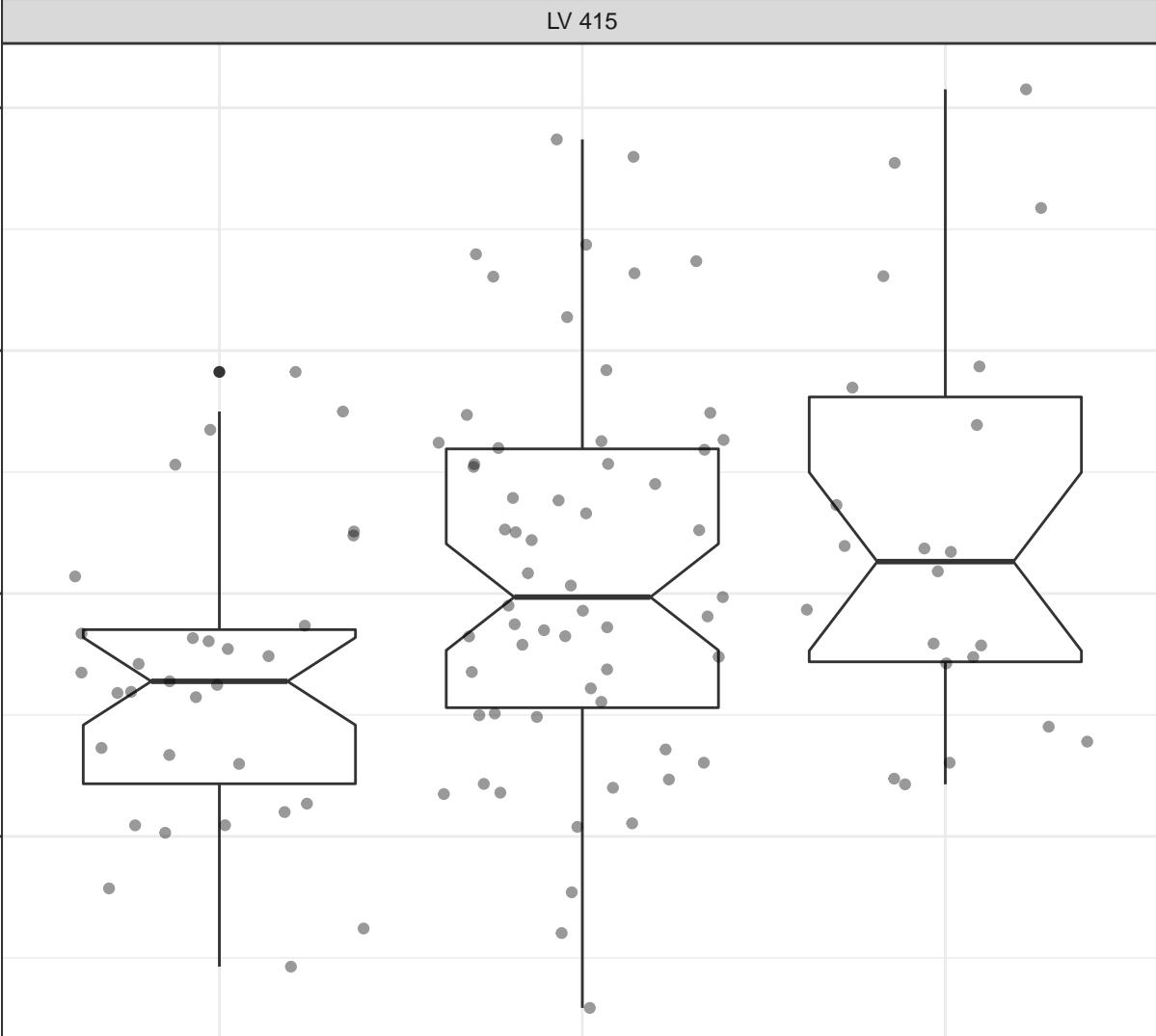
-0.04

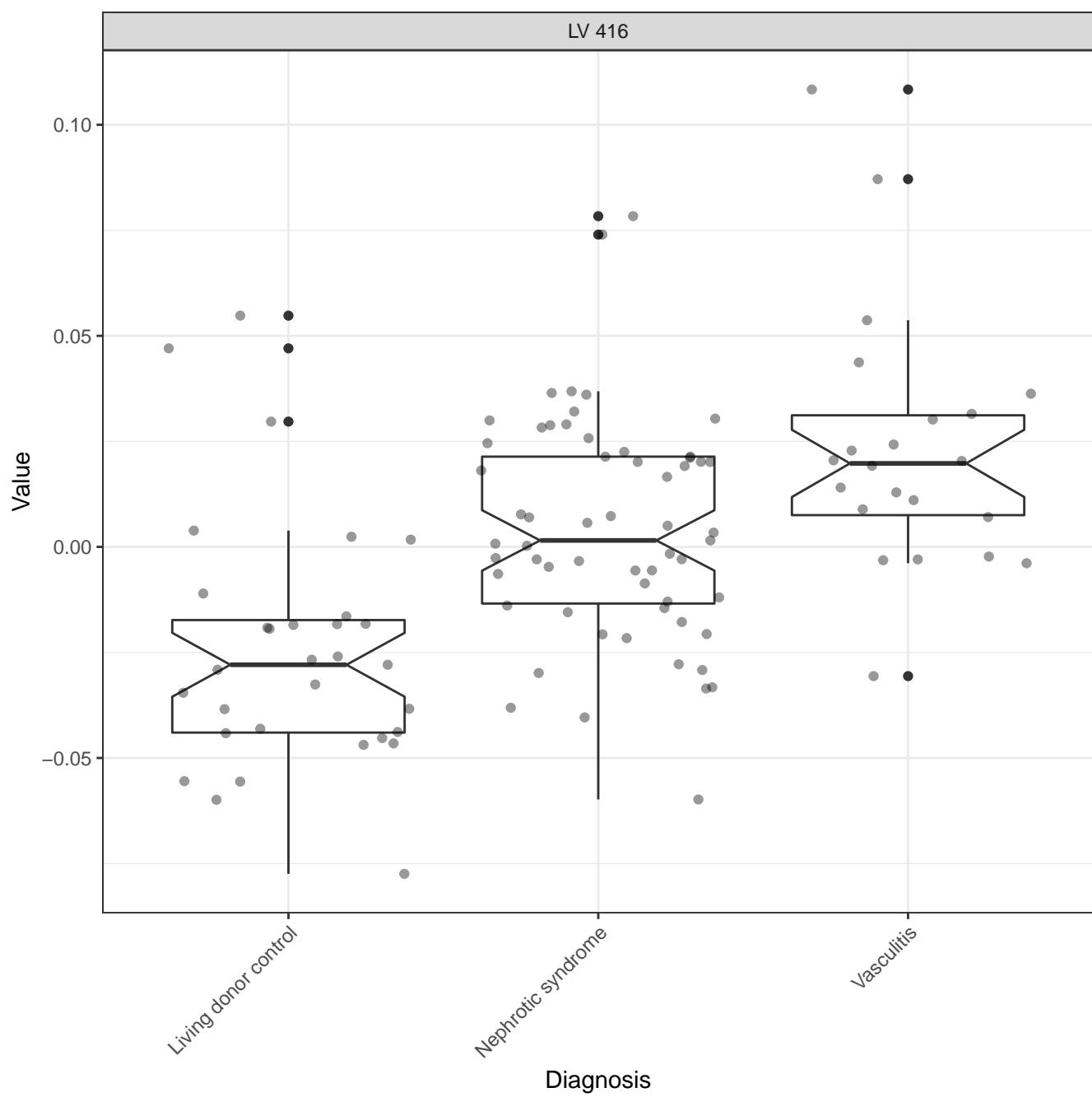
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.04

0.00

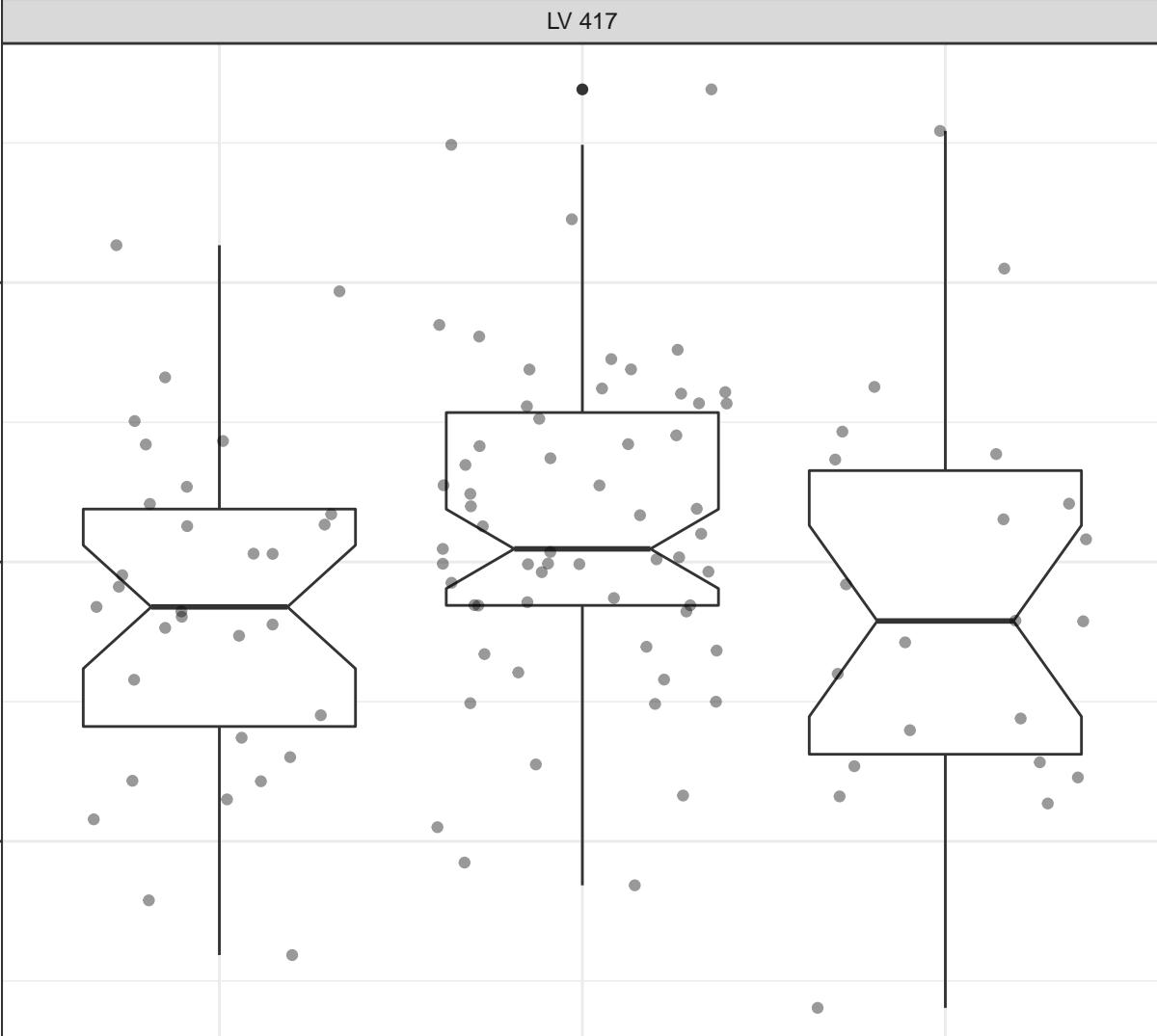
-0.04

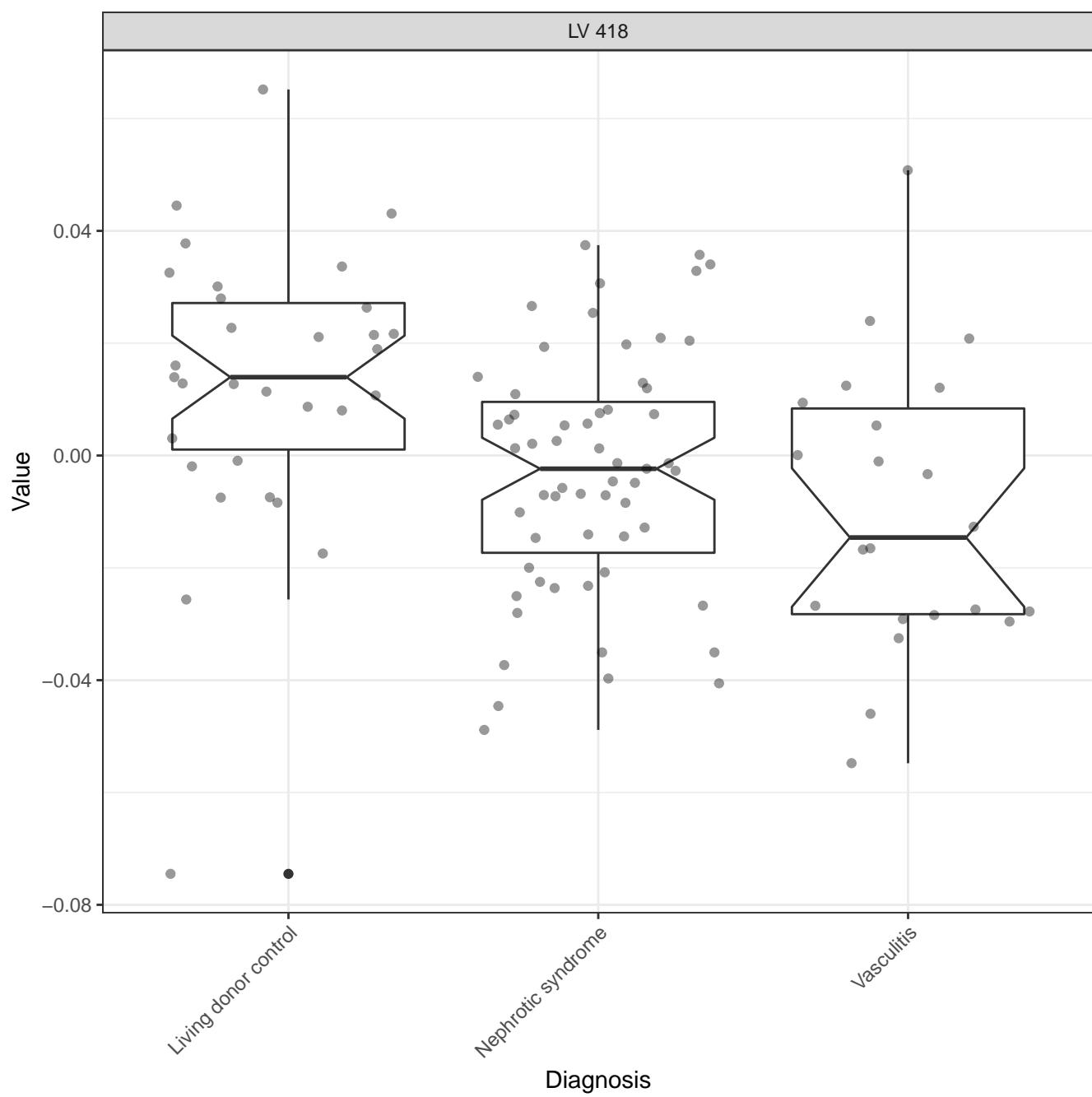
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.04

0.01

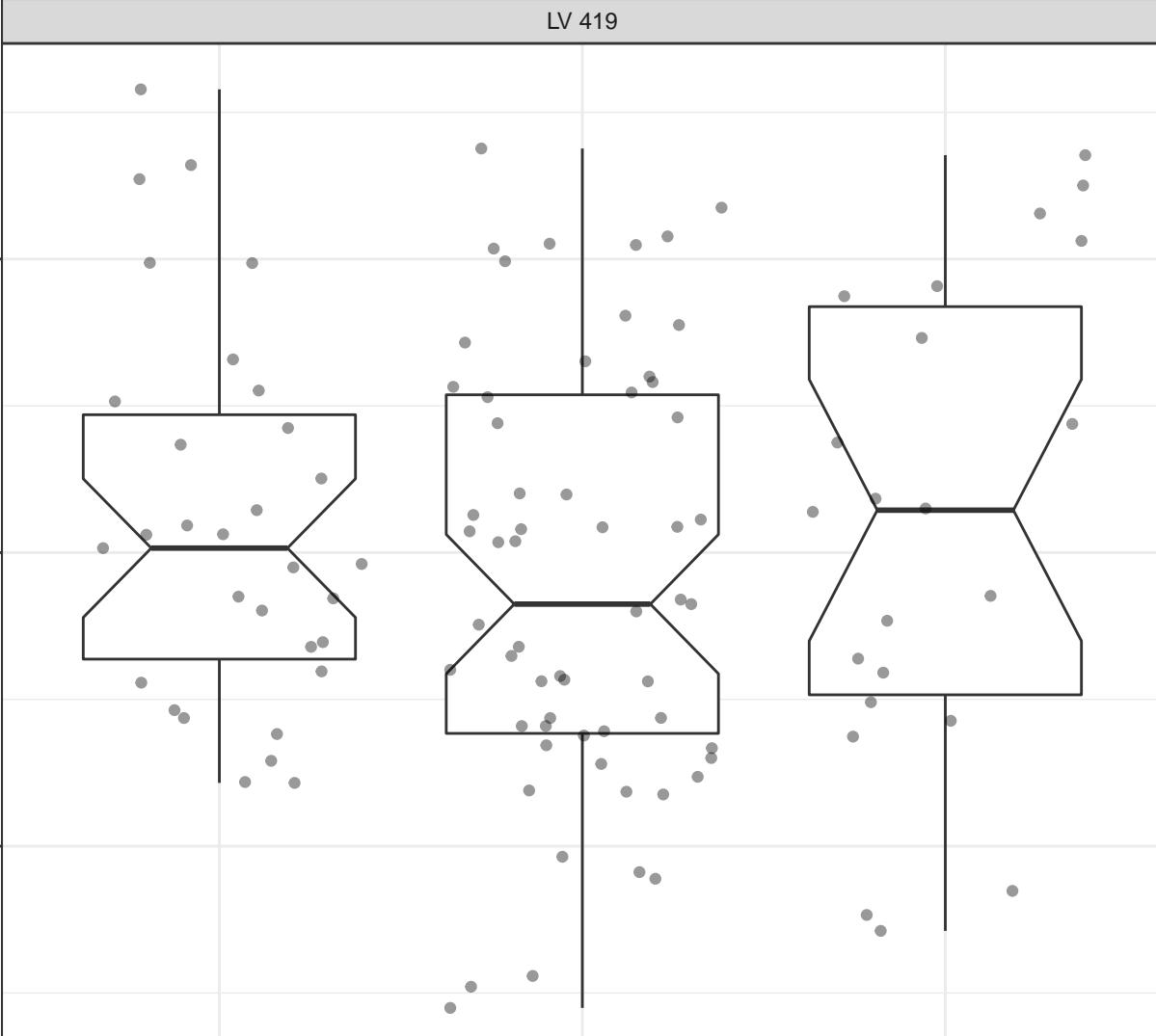
-0.04

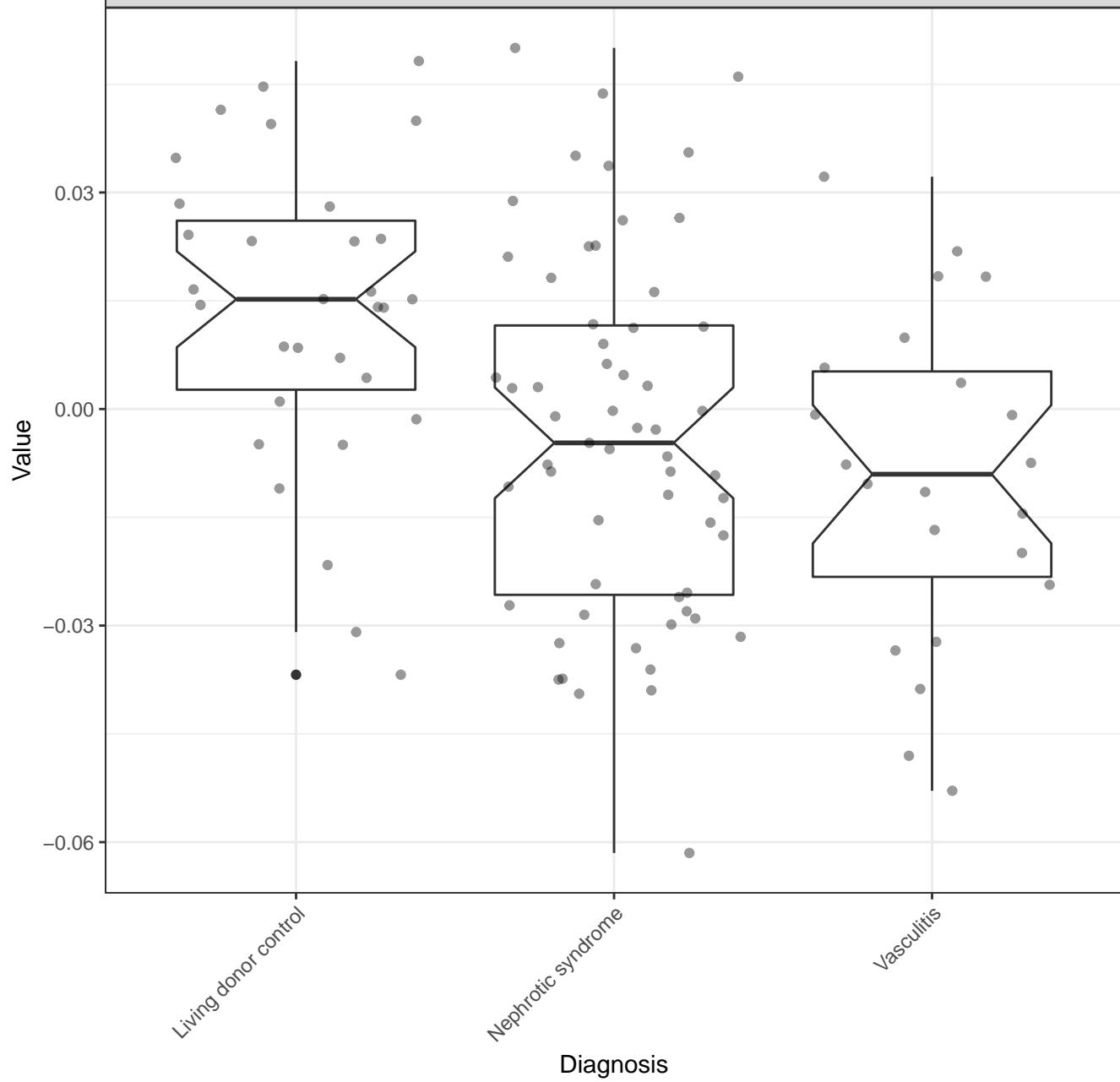
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.04

0.00

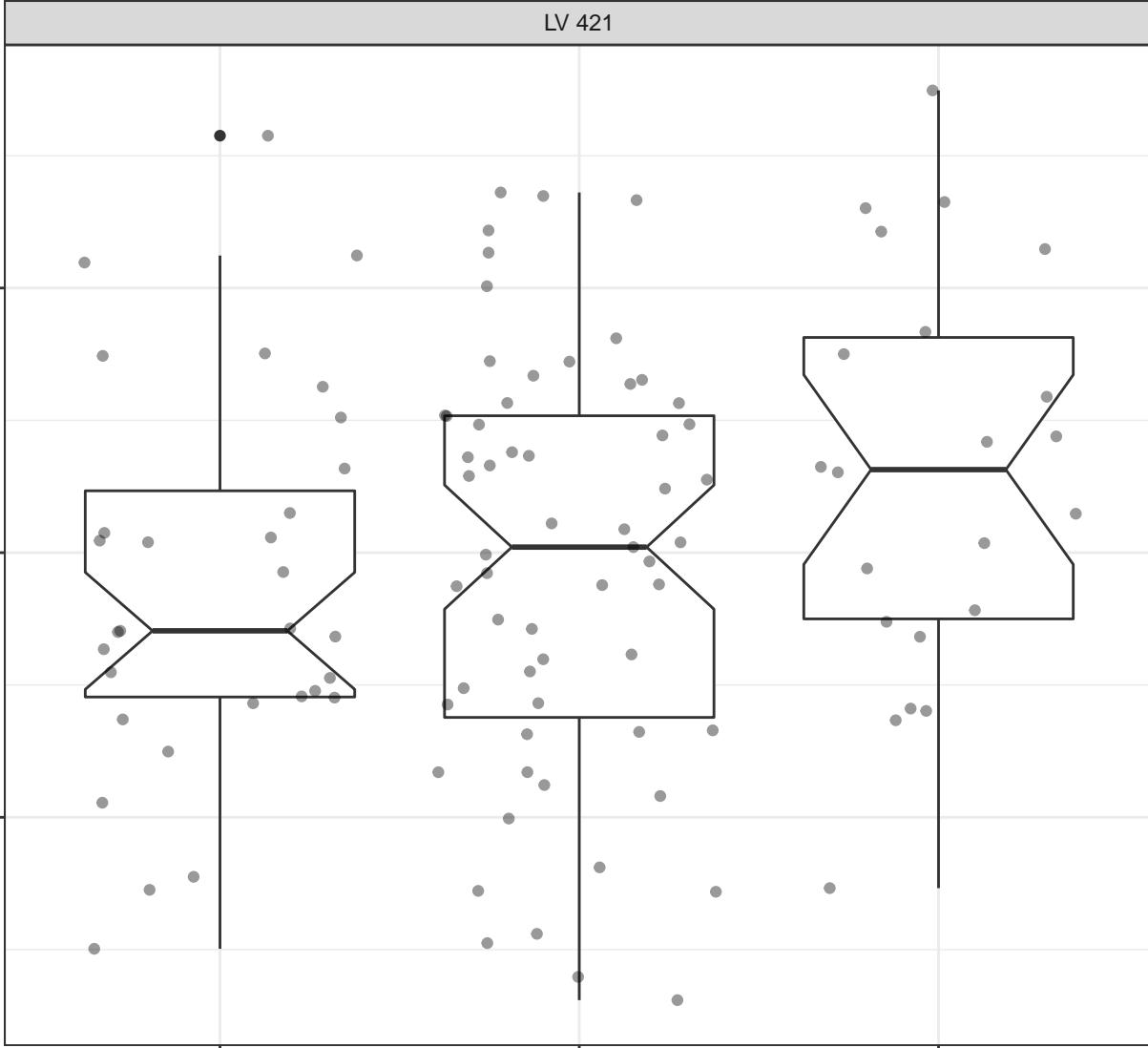
-0.04

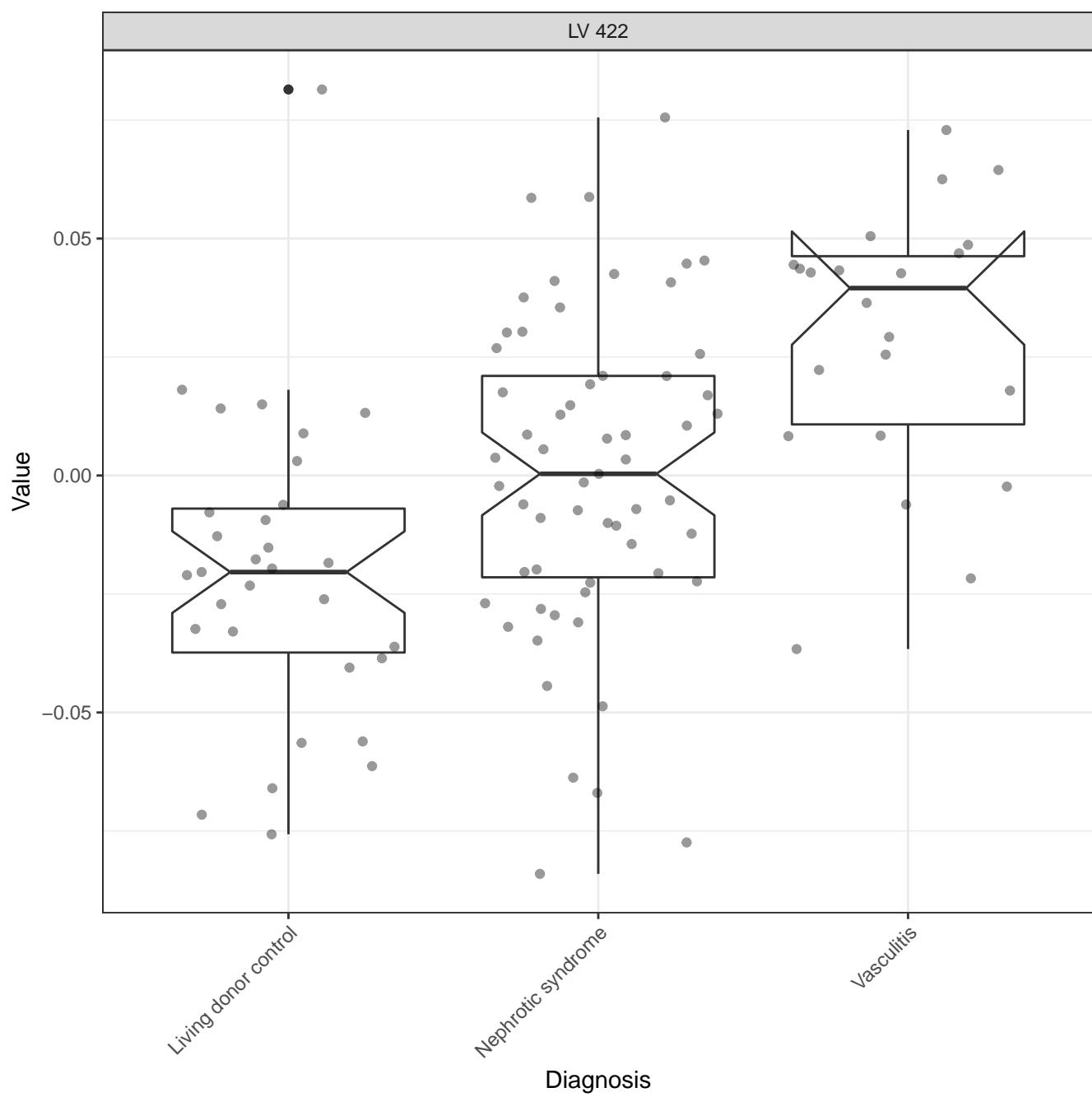
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.05

0.00

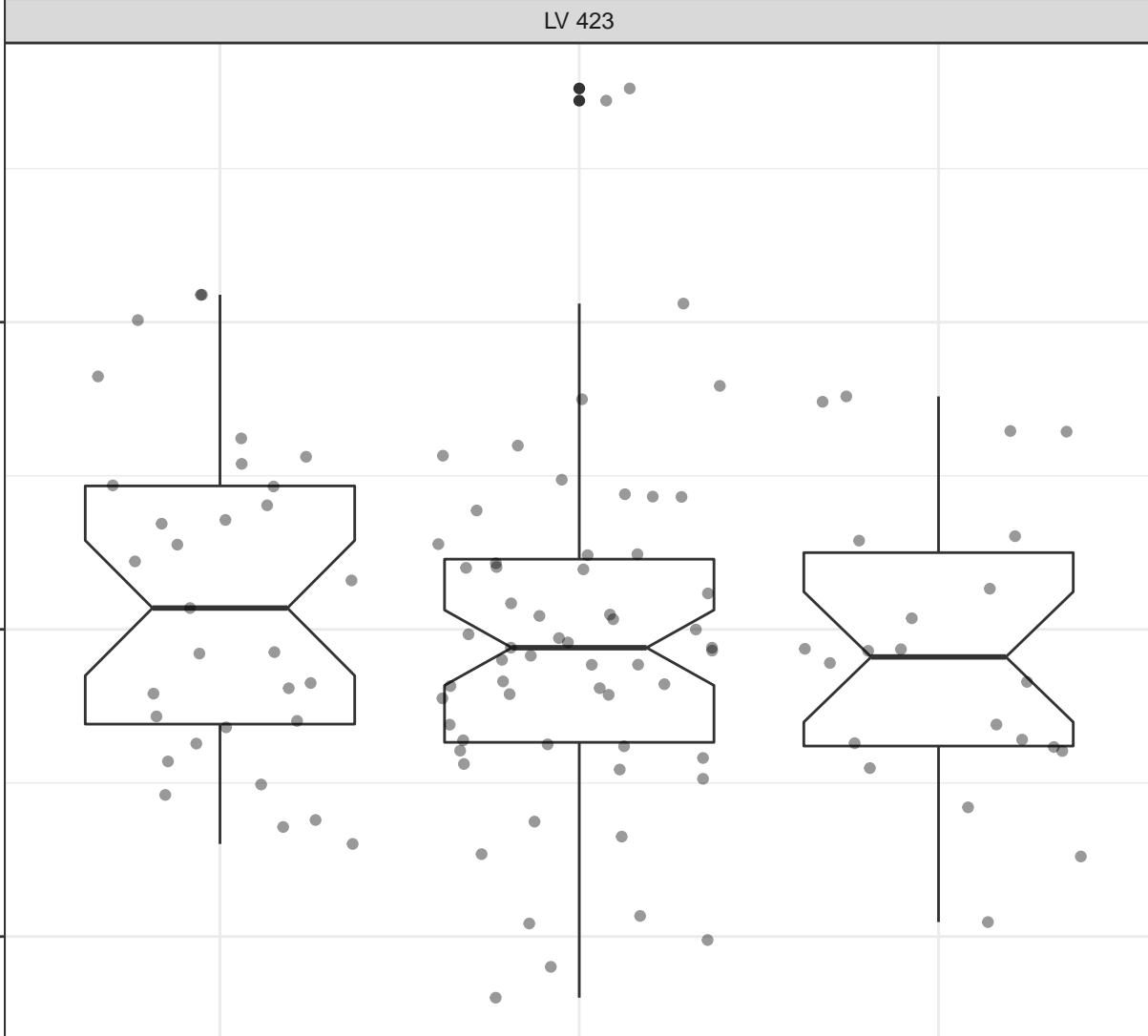
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 424

Value

0.08

0.04

0.00

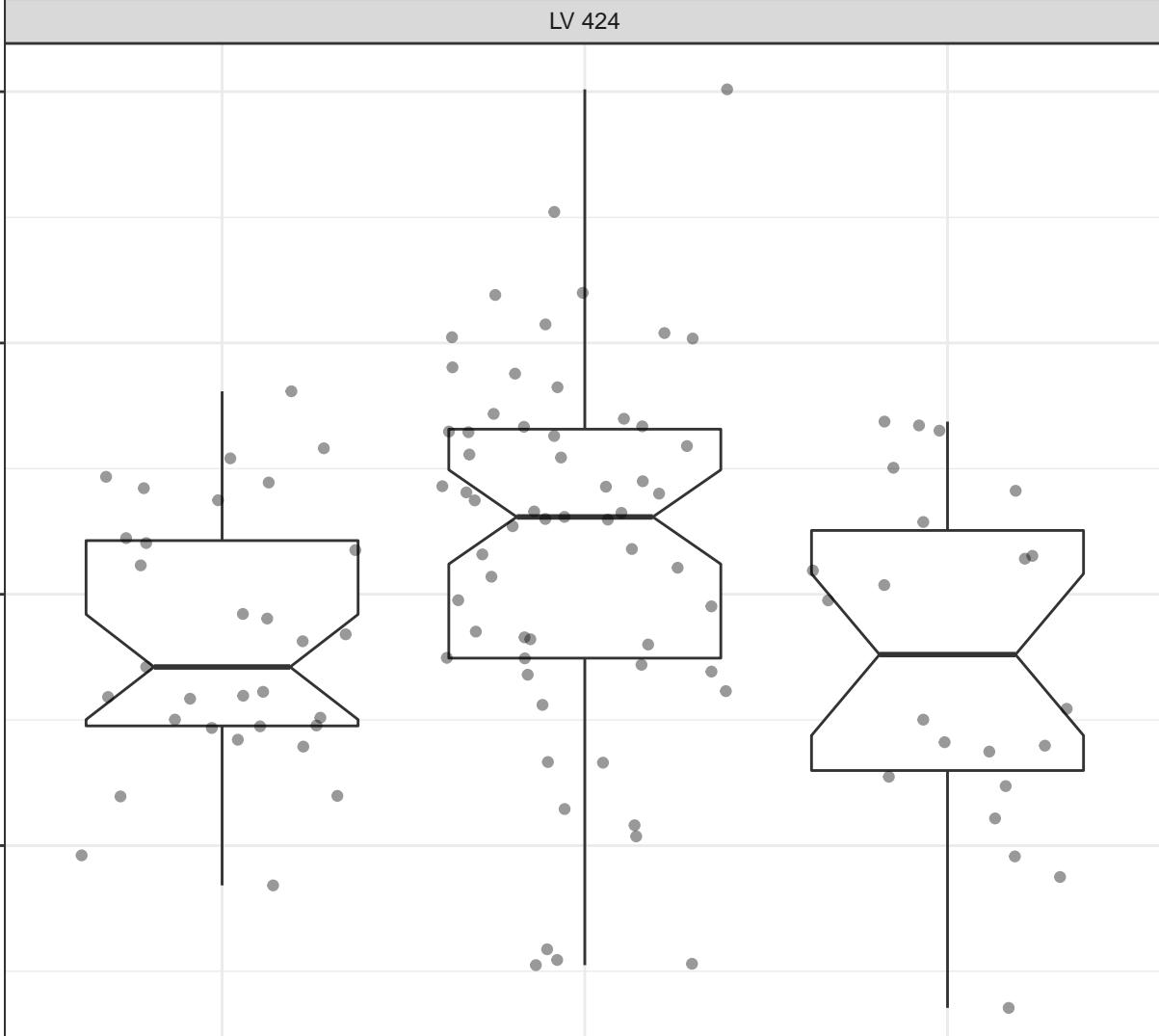
-0.04

Living donor control

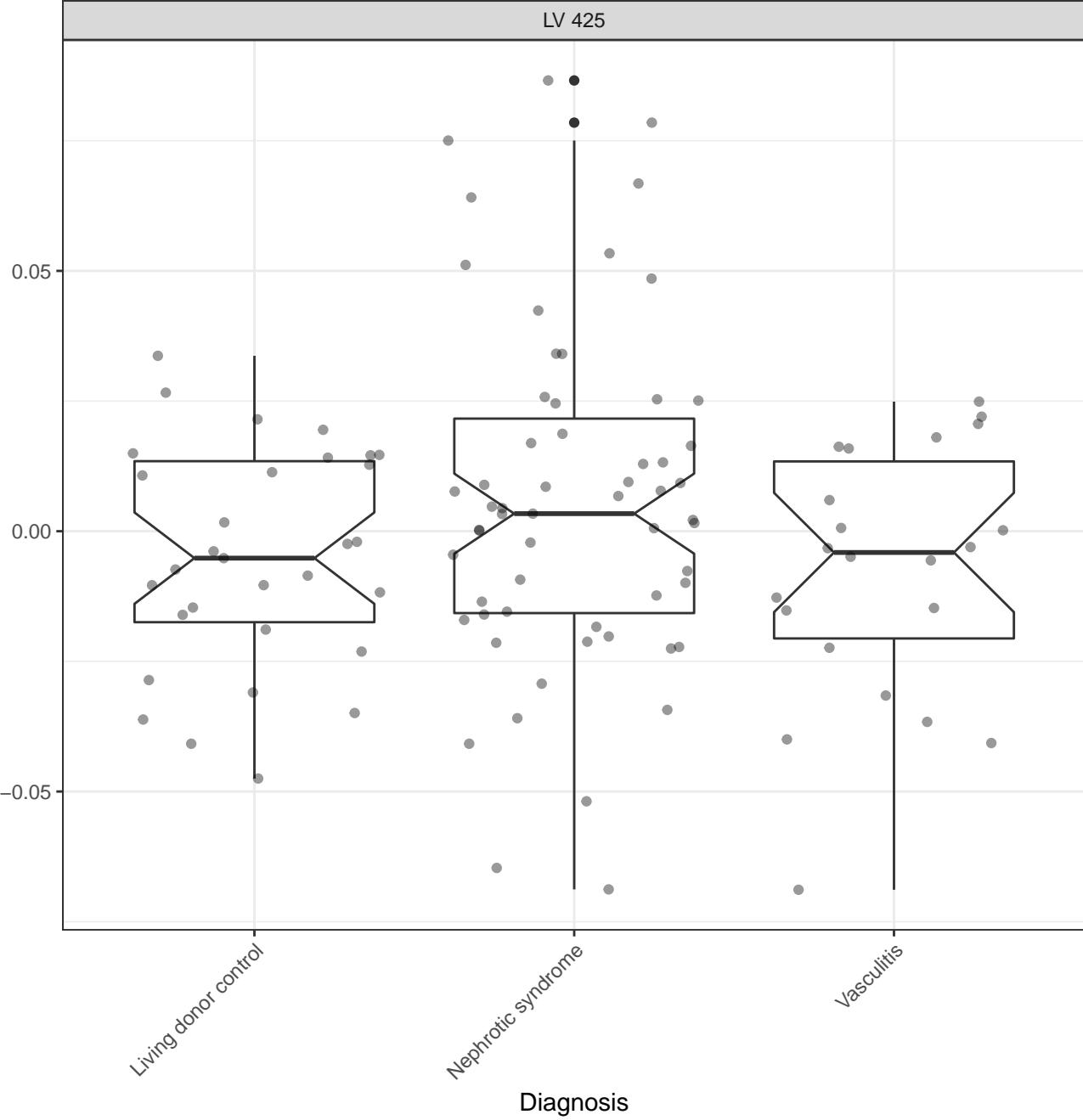
Nephrotic syndrome

Vasculitis

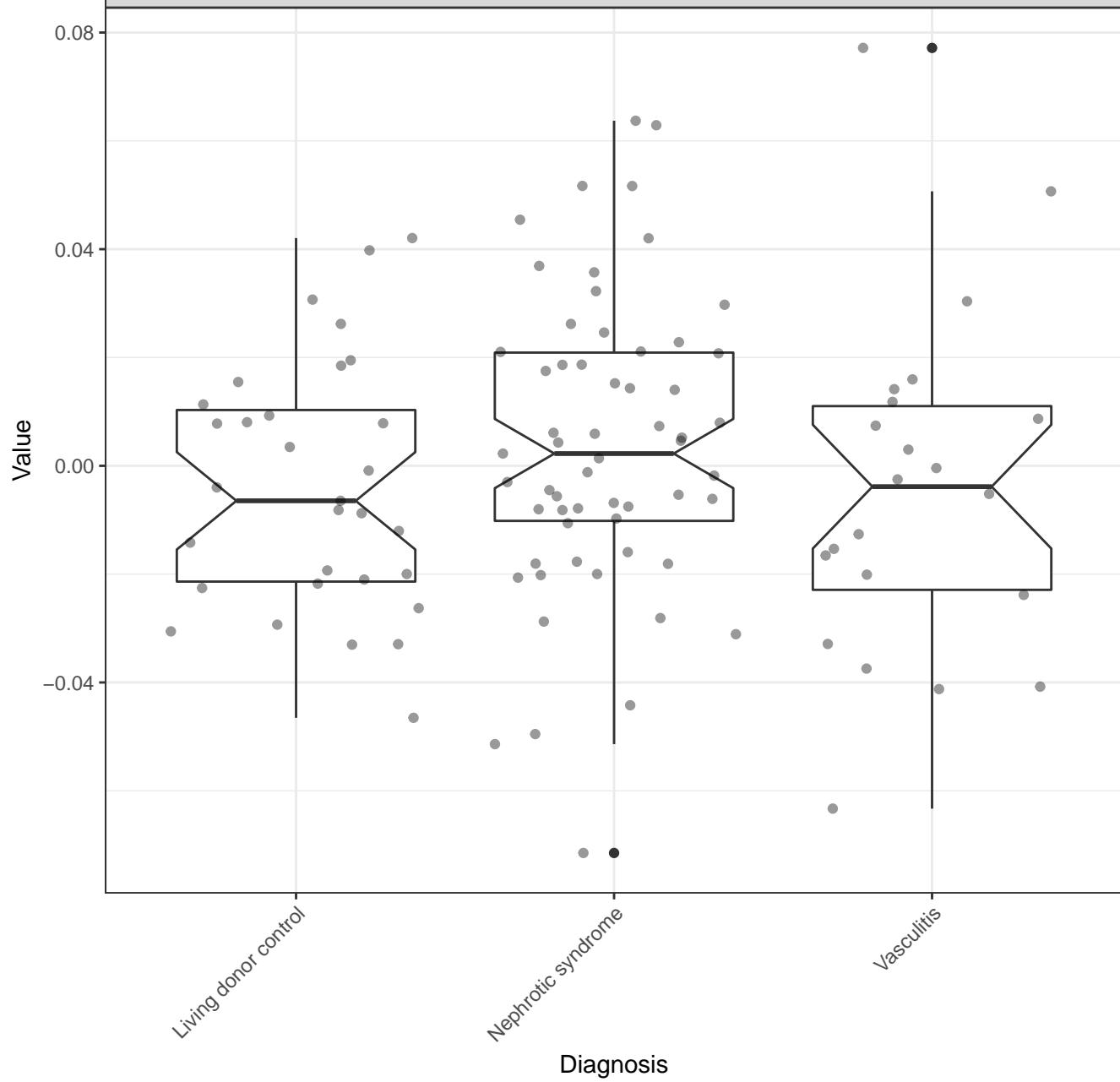
Diagnosis



Value



LV 426



LV 427

Value

0.08

0.04

0.00

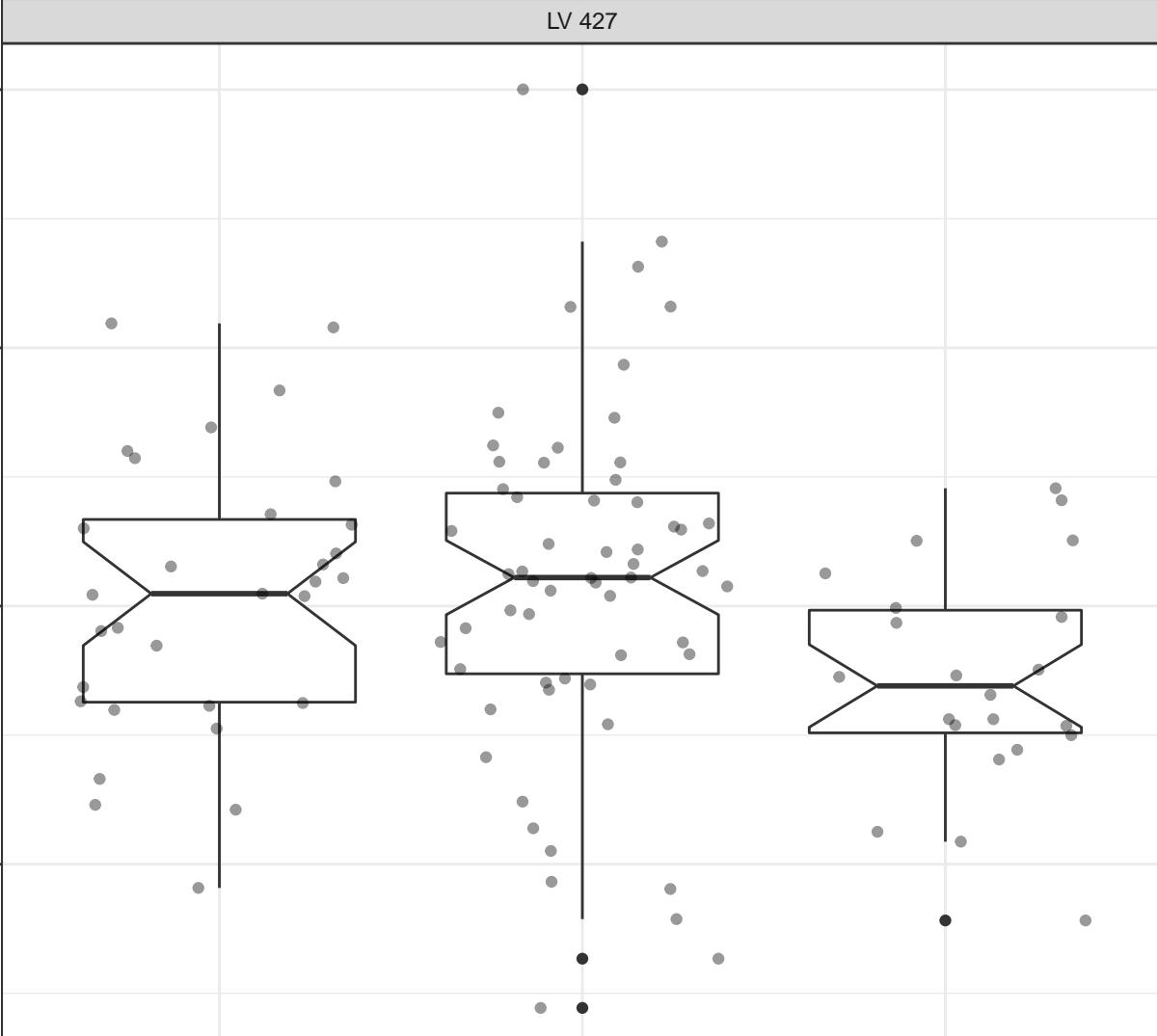
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.01

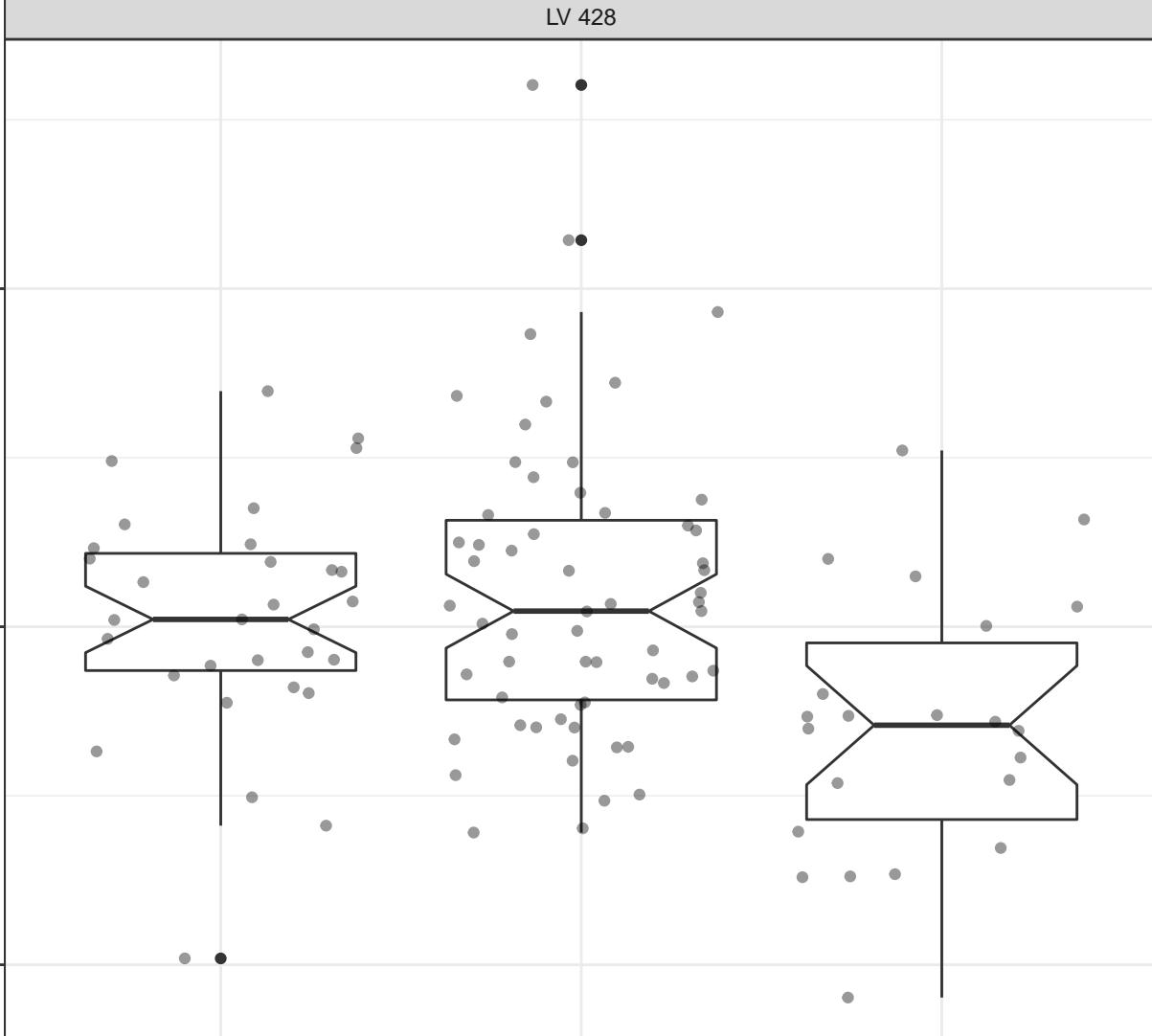
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.01

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.05

0.00

-0.05

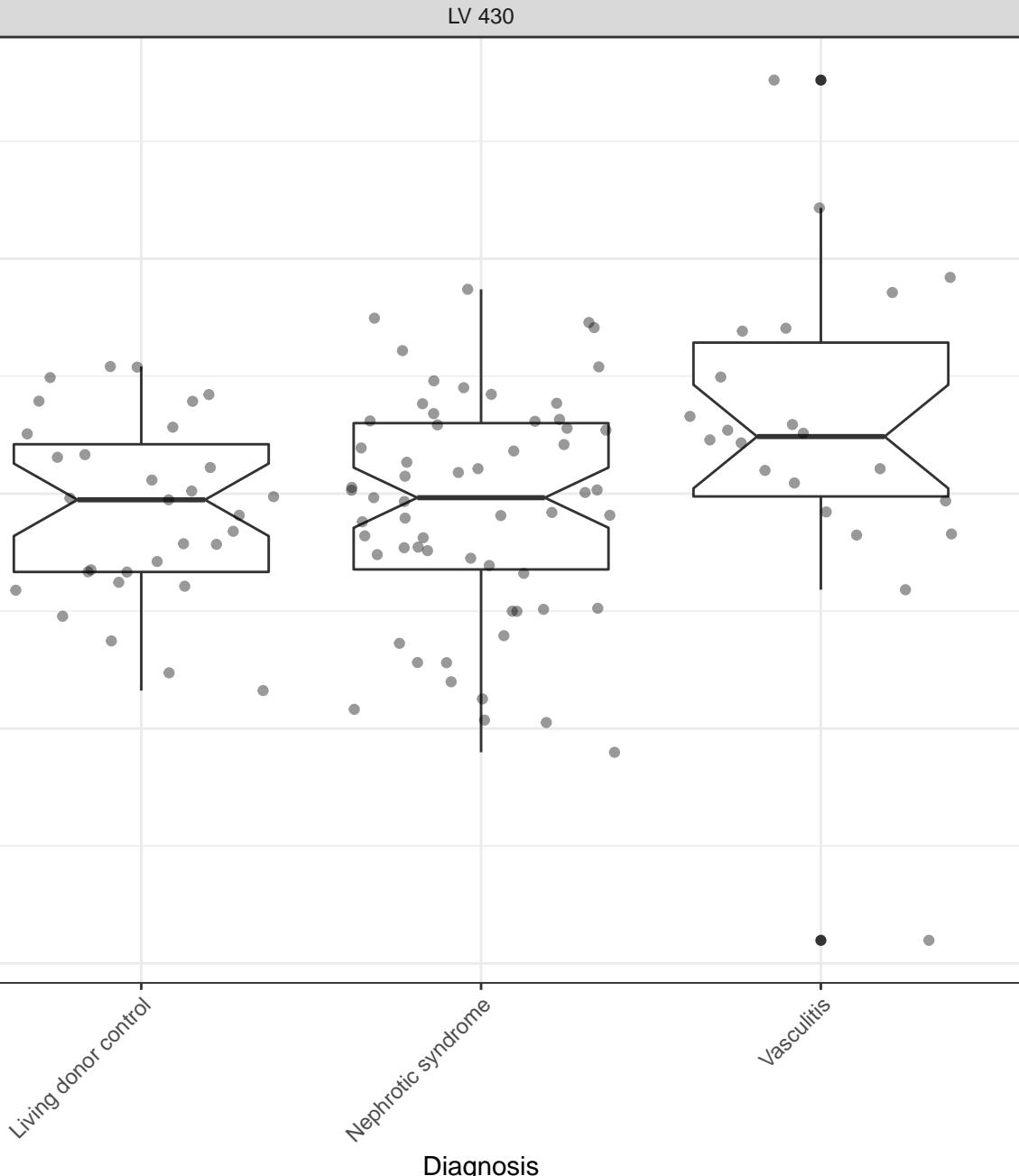
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## LV 431

Value

0.050

0.025

0.000

-0.025

-0.050

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 432

Value

0.04

0.00

-0.04

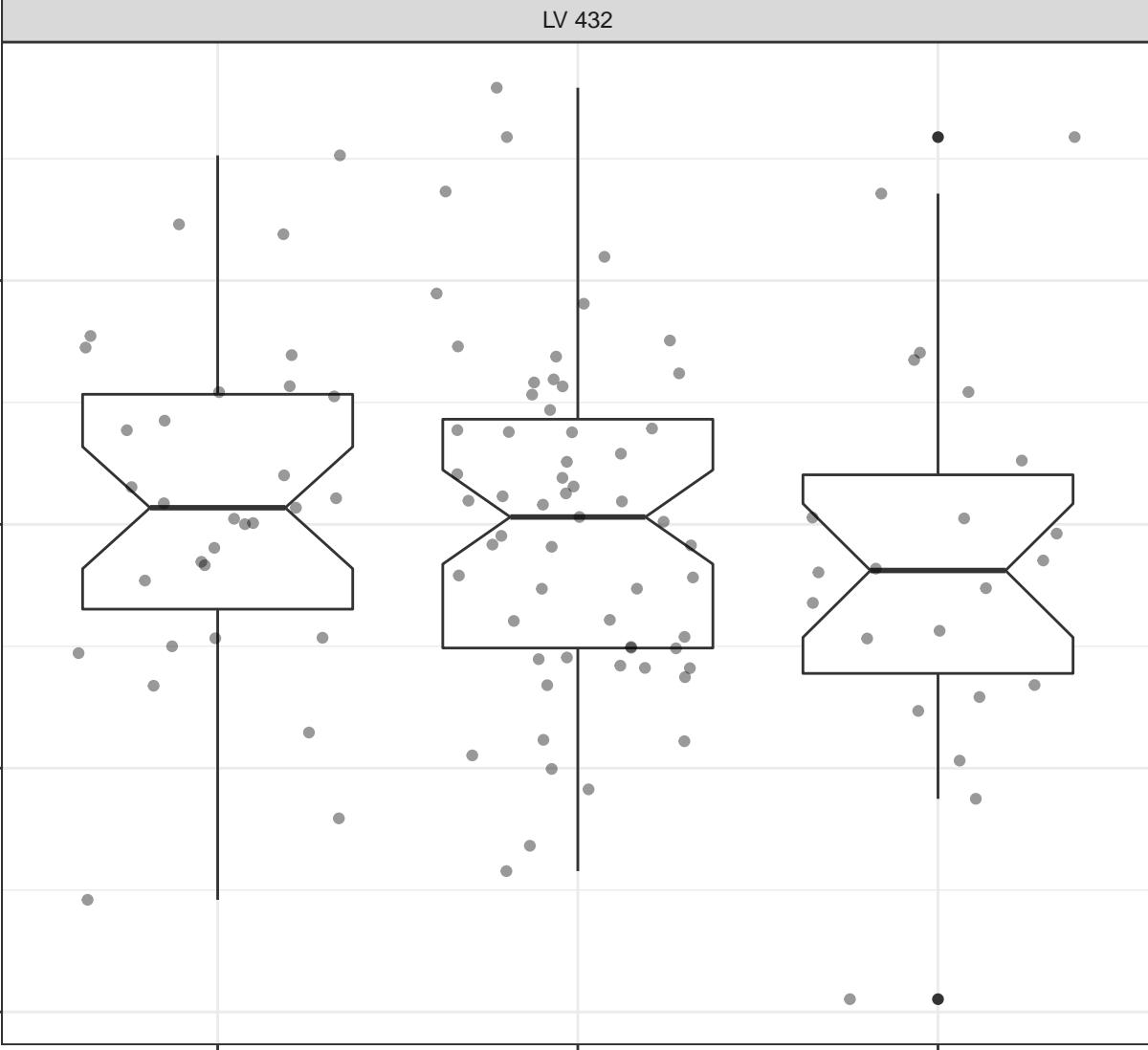
-0.08

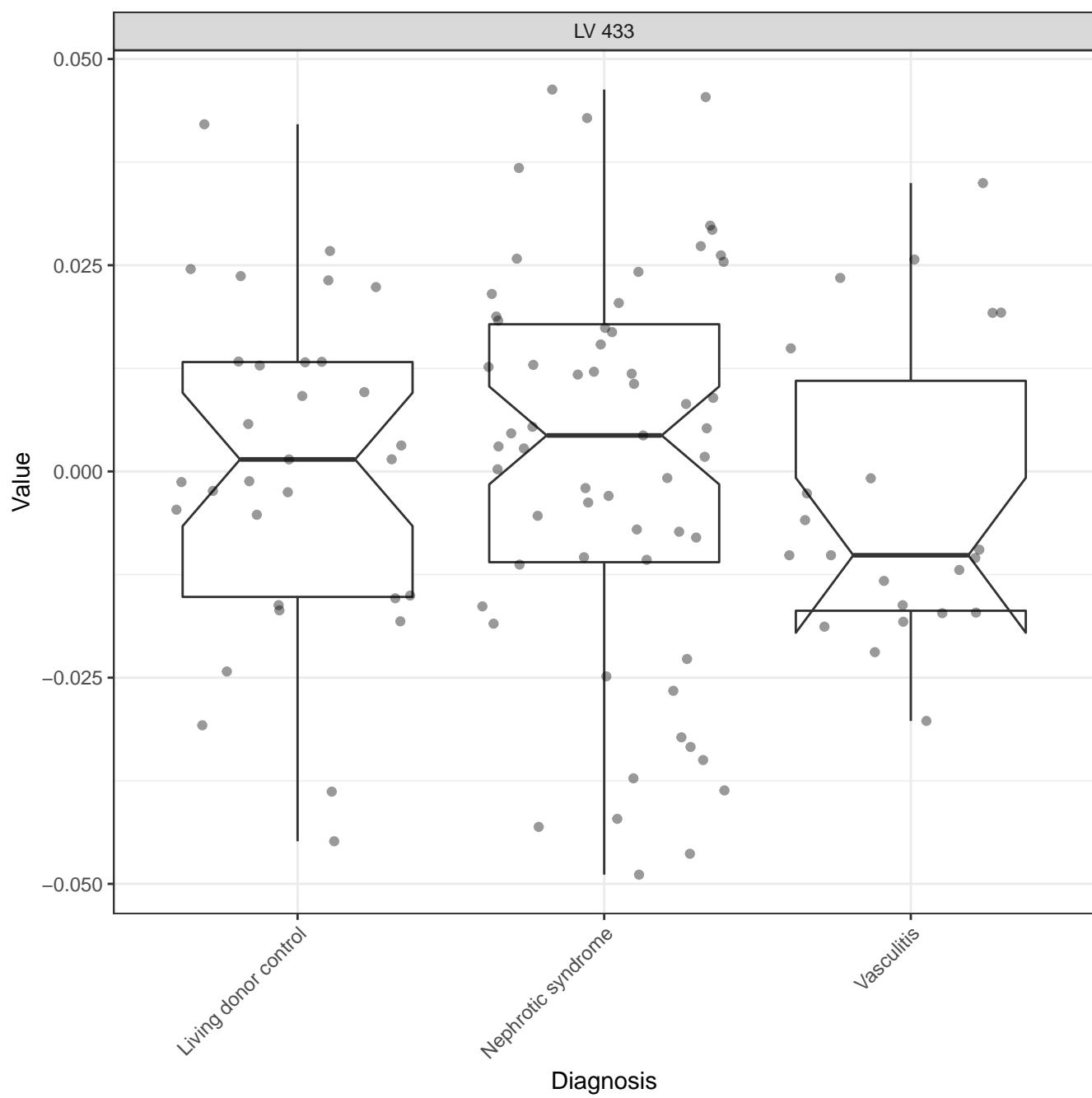
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.10

0.05

0.00

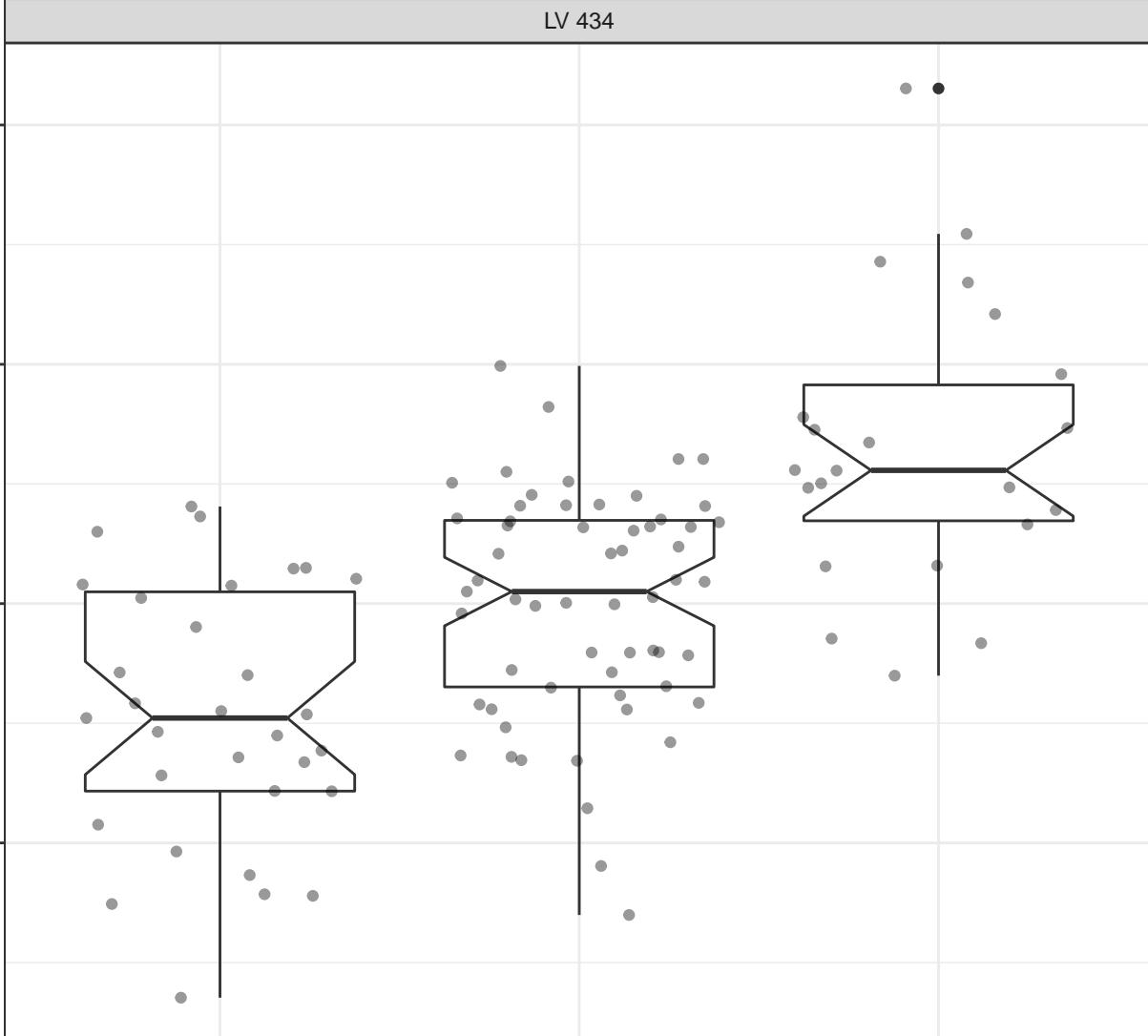
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.02

0.00

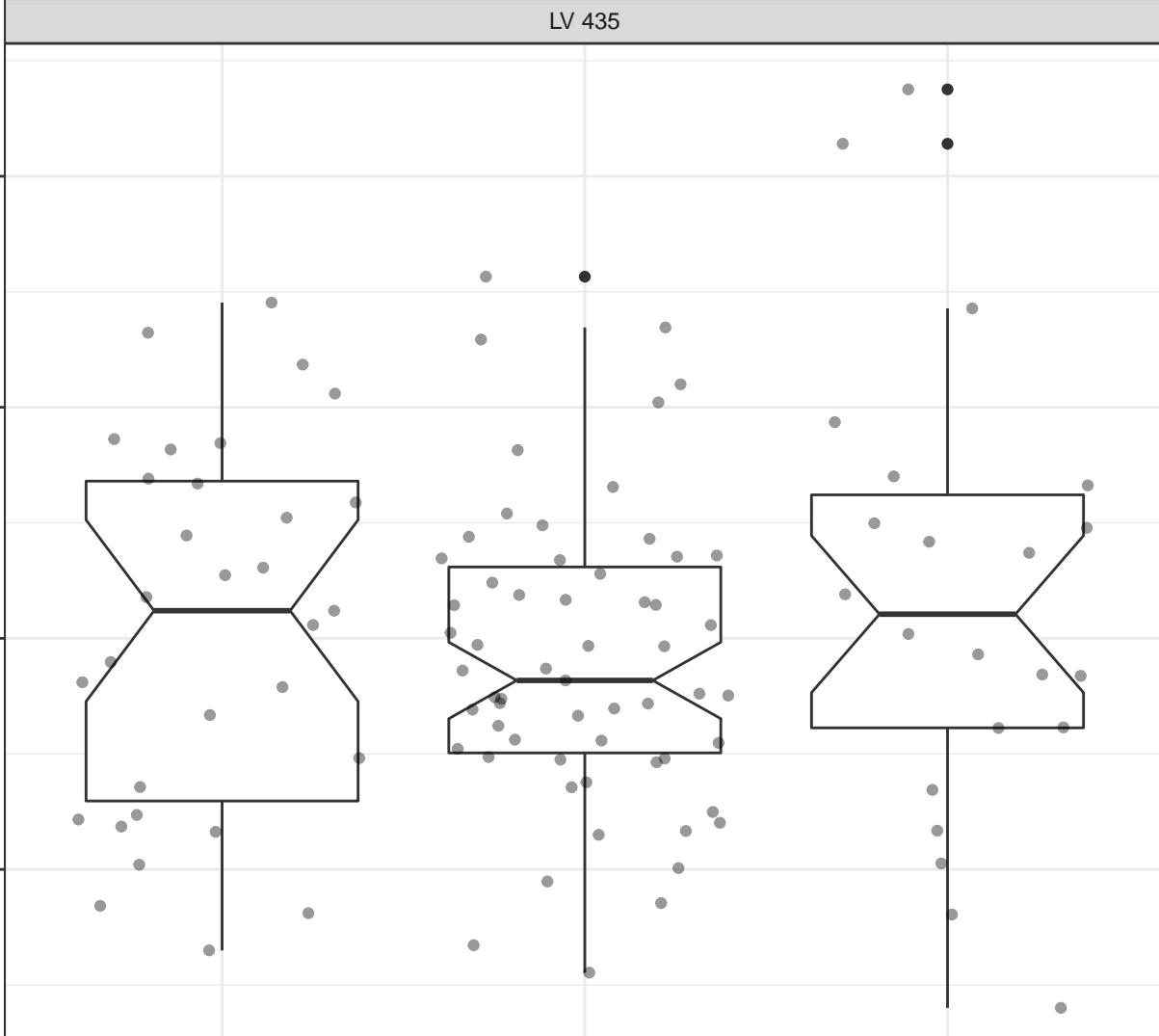
-0.02

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

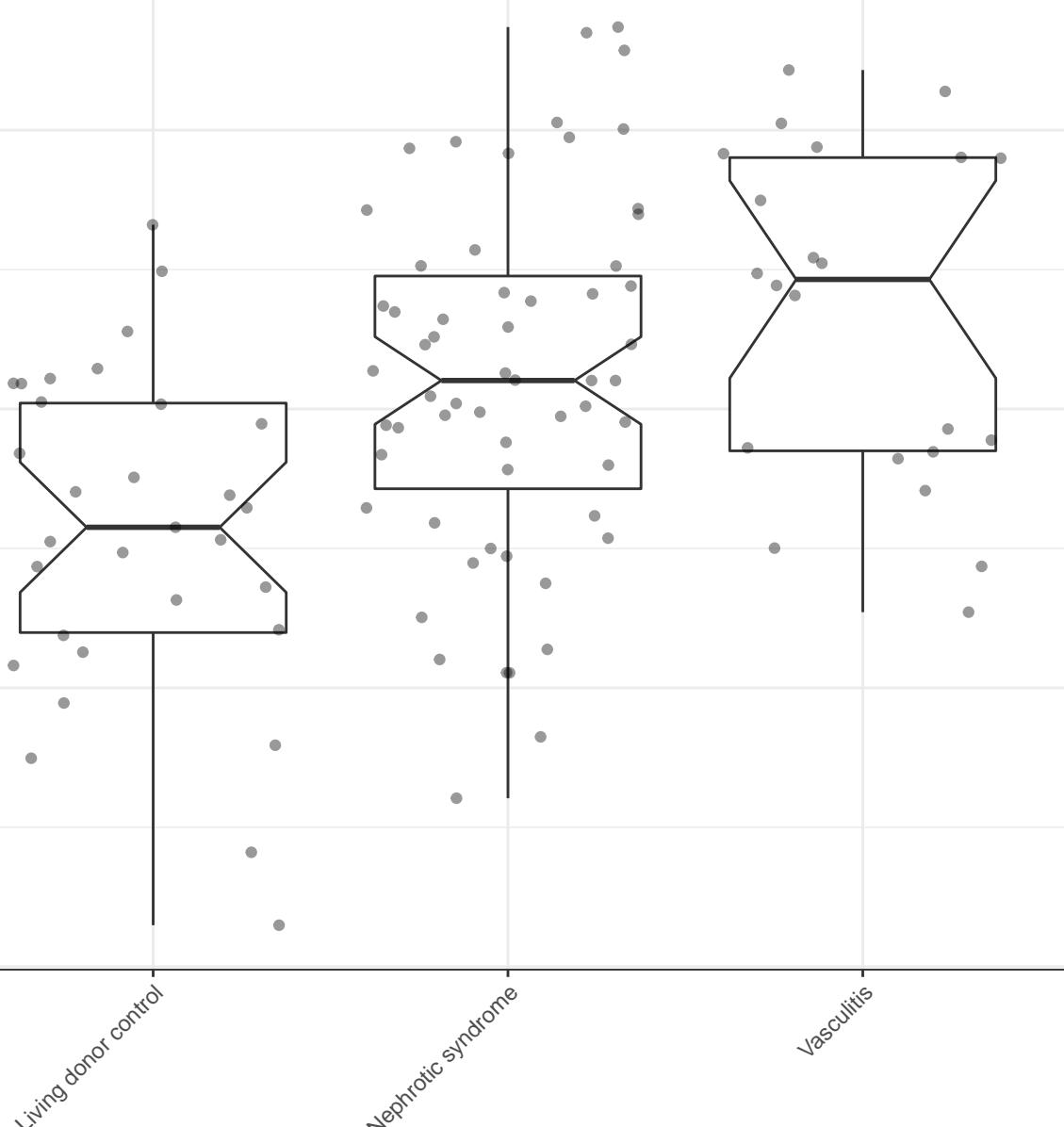
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

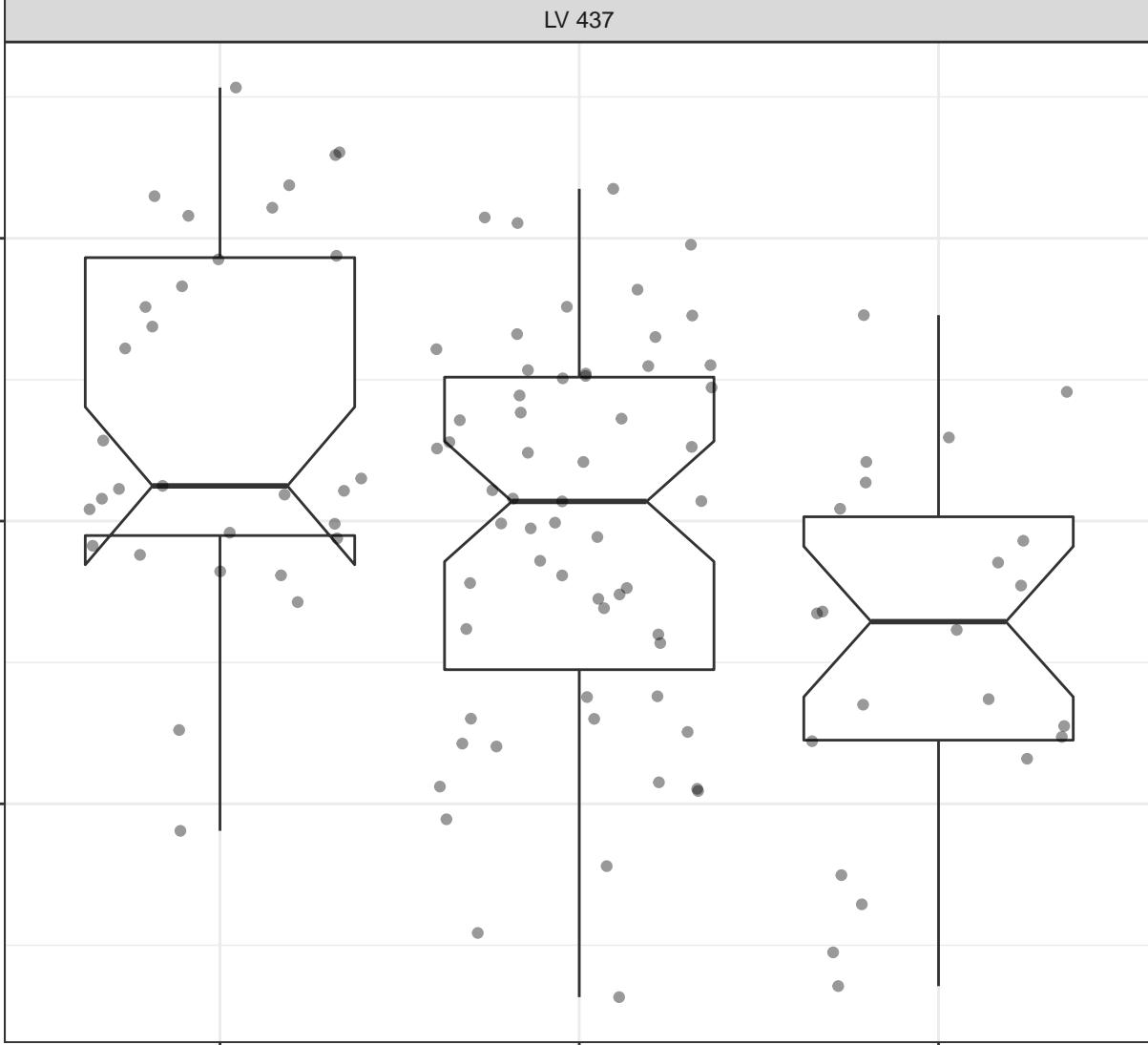
-0.04

Living donor control

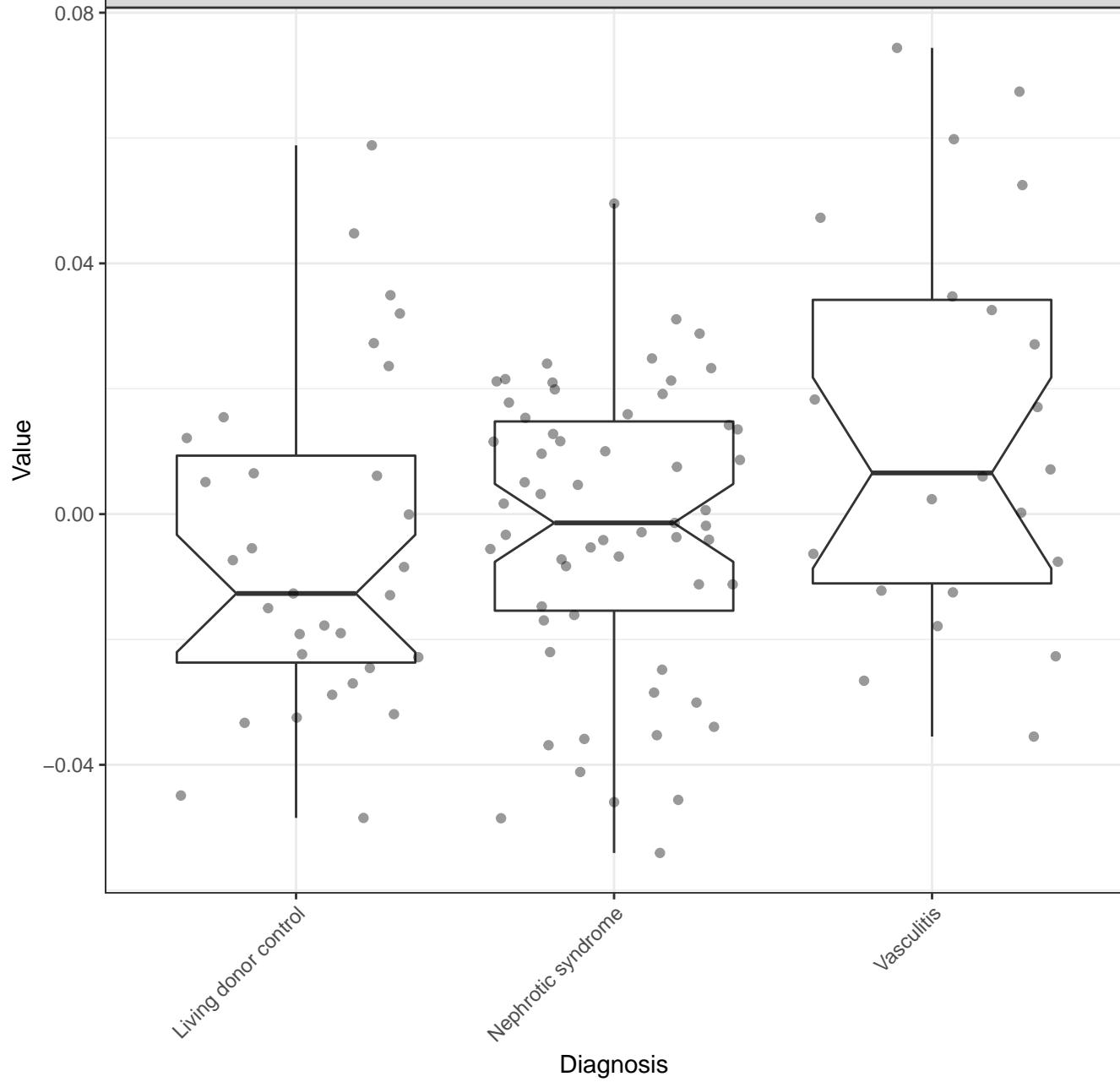
Nephrotic syndrome

Vasculitis

Diagnosis



LV 438



LV 439

Value

0.04

0.00

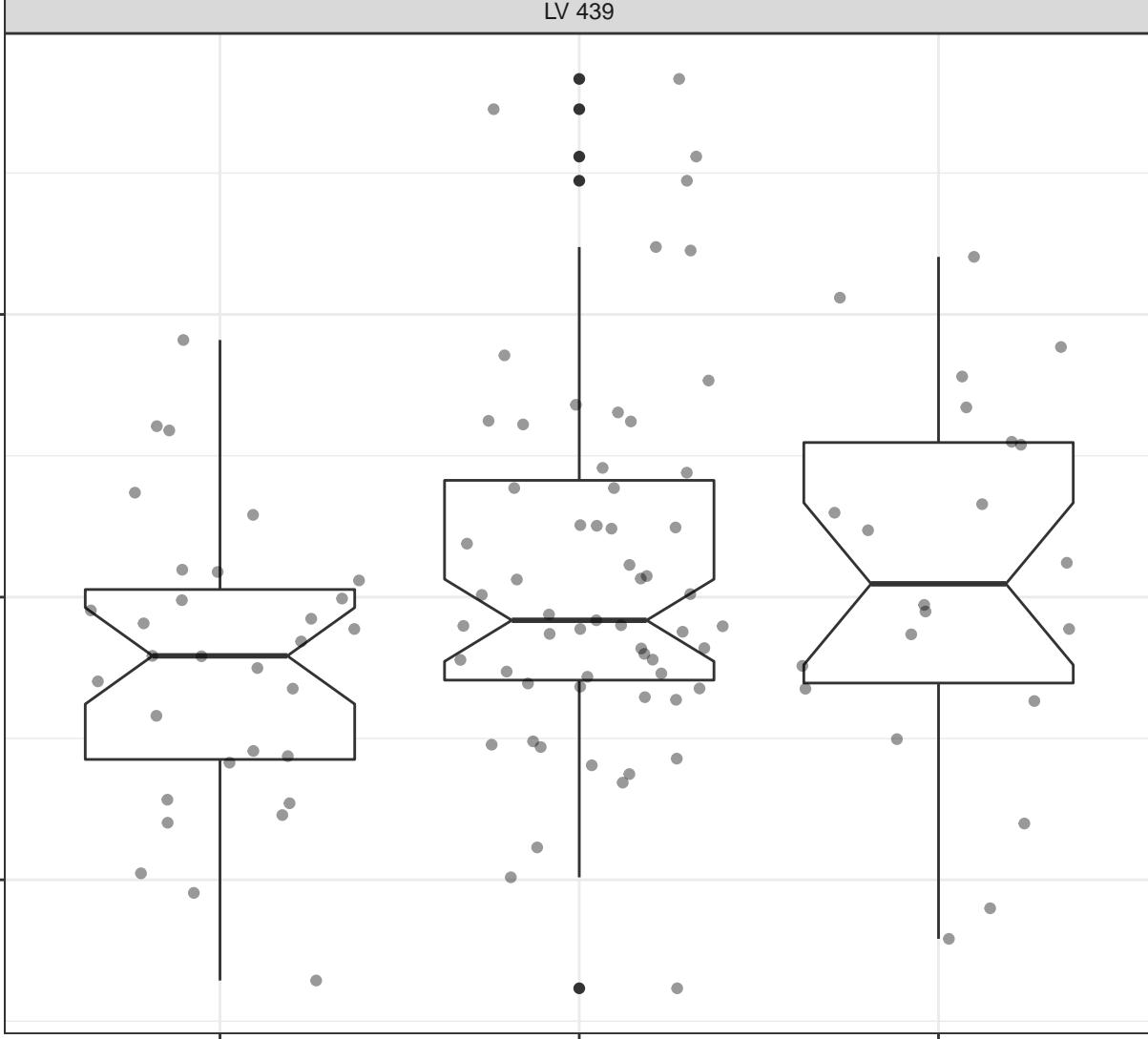
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 440

Value

0.04

0.00

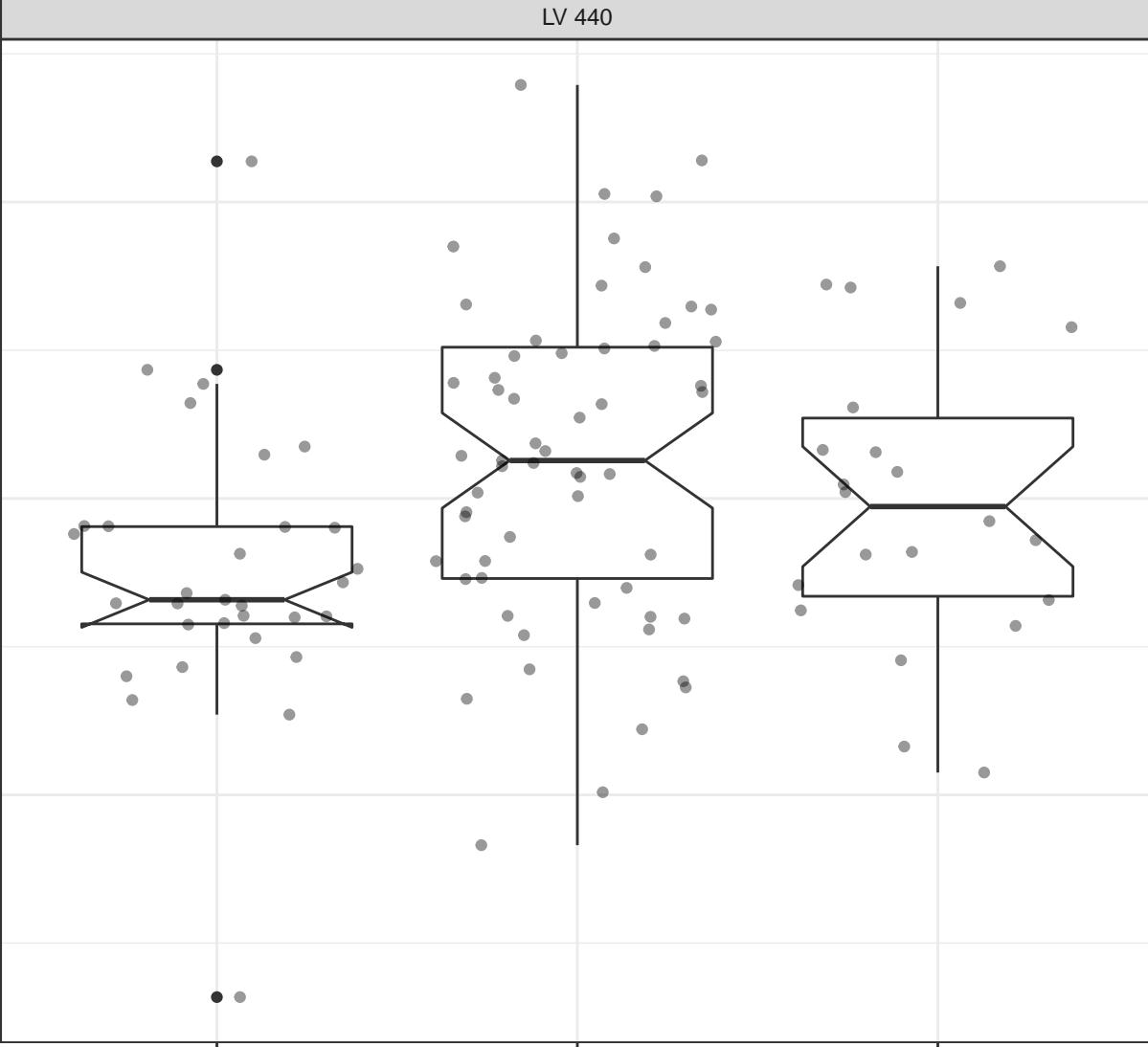
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.01

-0.04

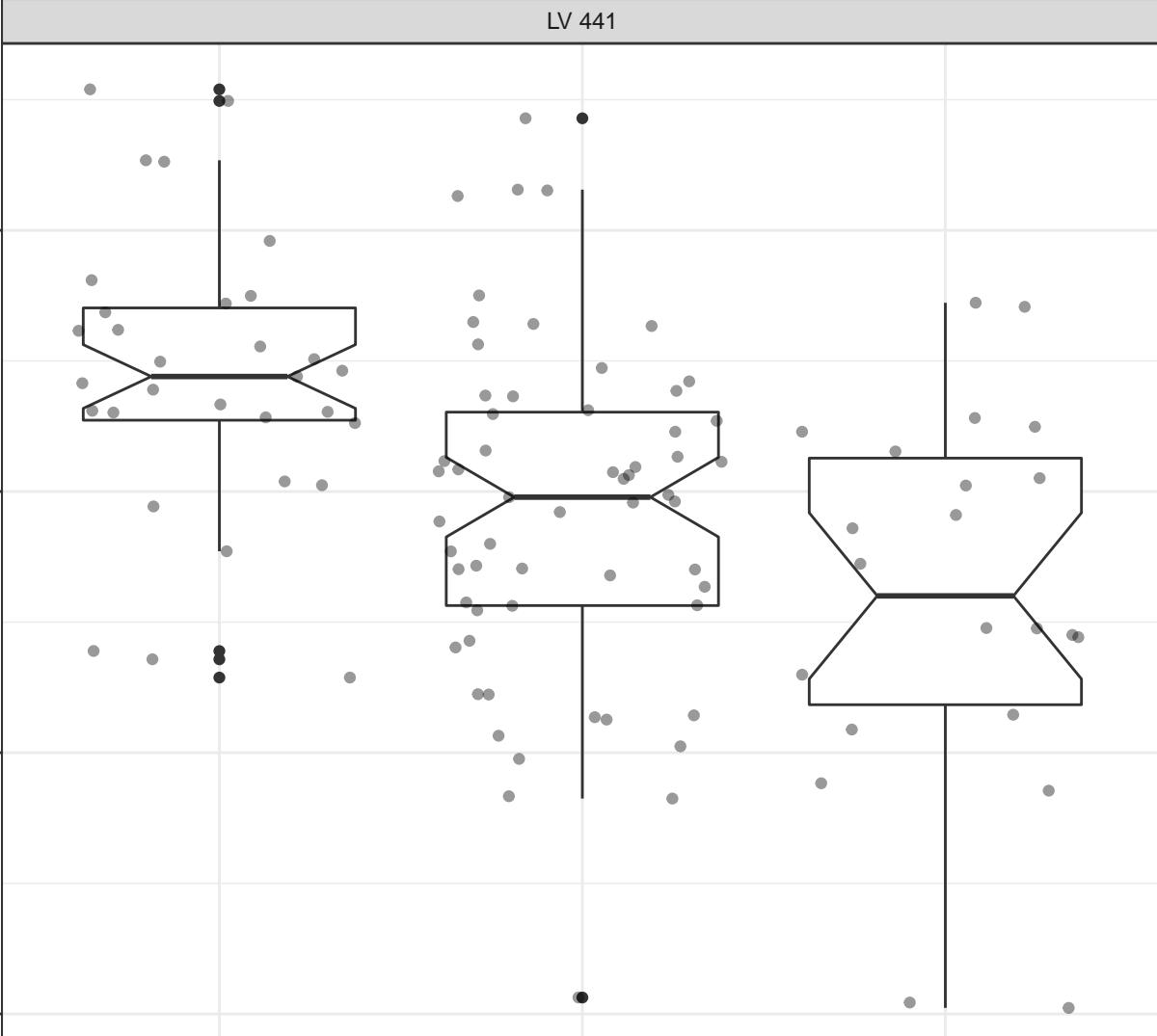
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 442

Value

0.10

0.05

0.00

-0.05

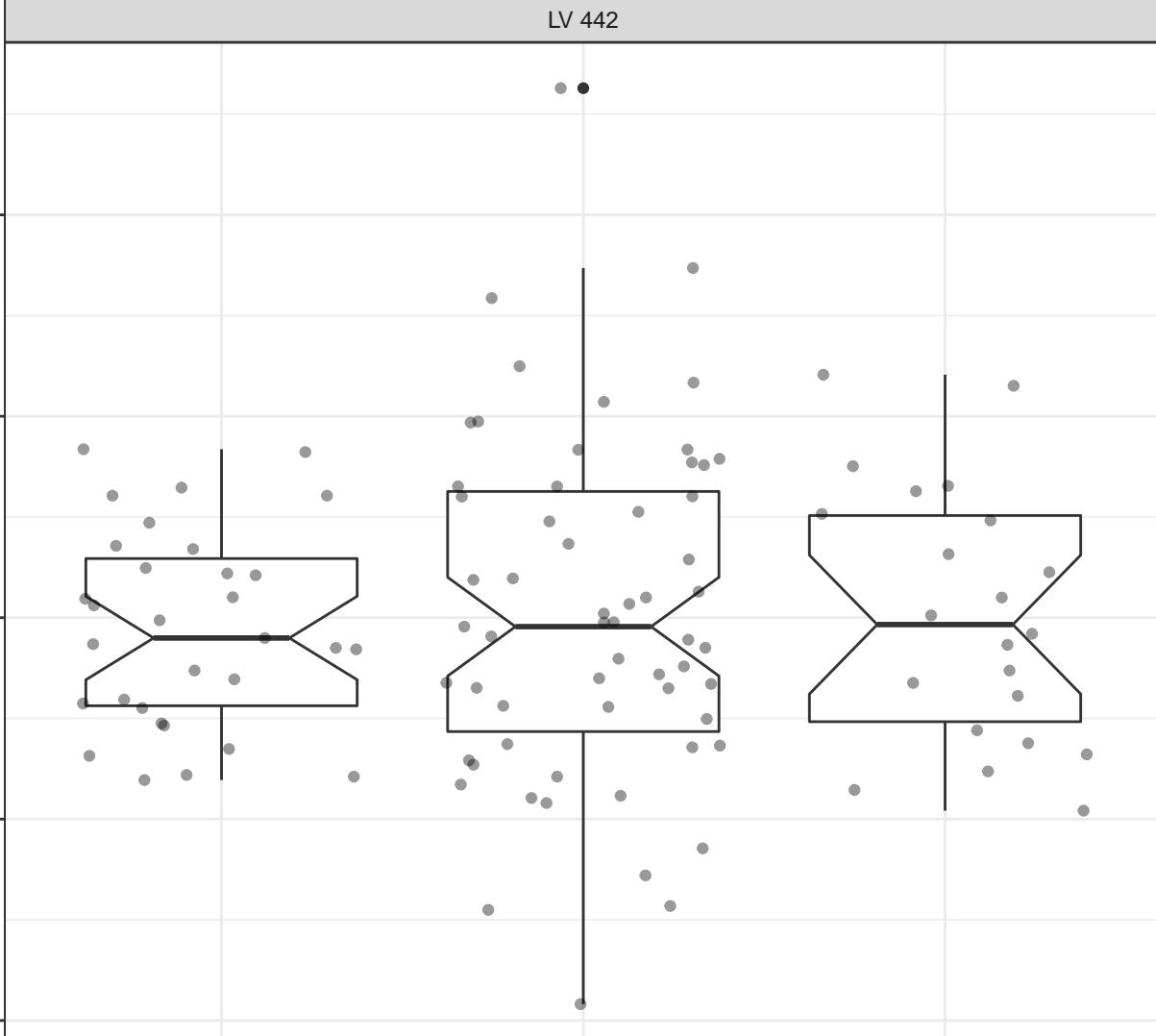
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

-0.05

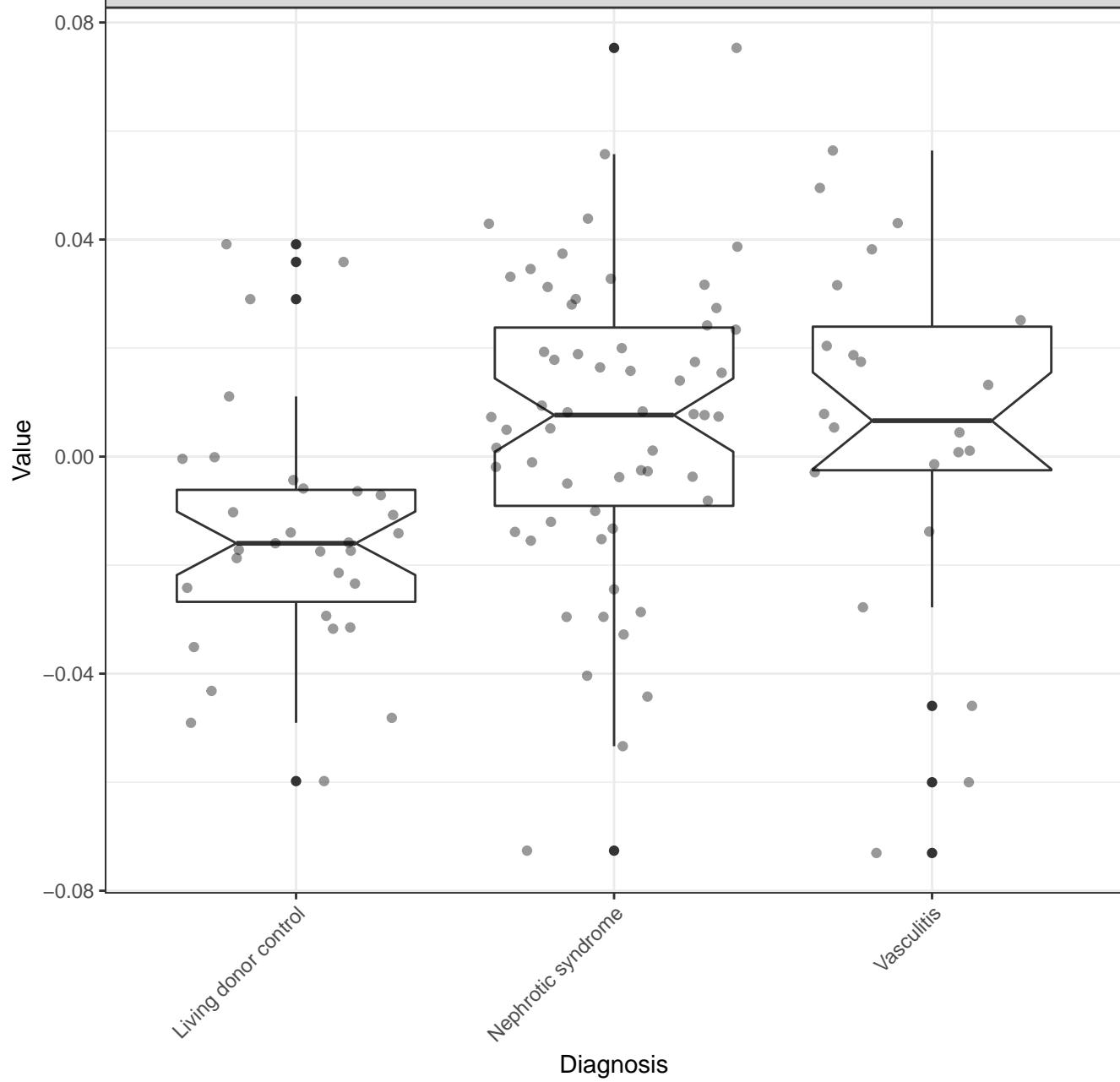
Living donor control

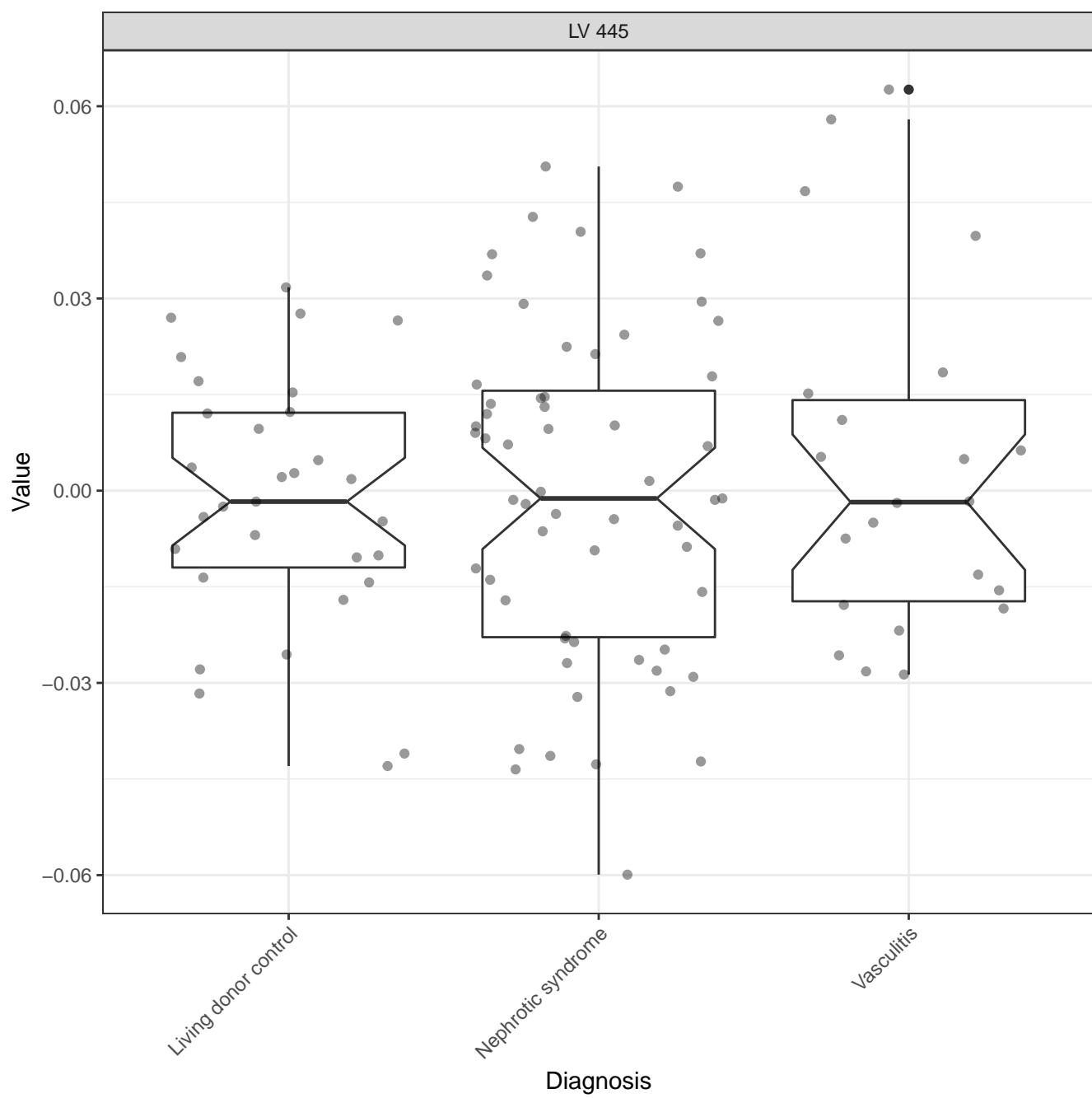
Nephrotic syndrome

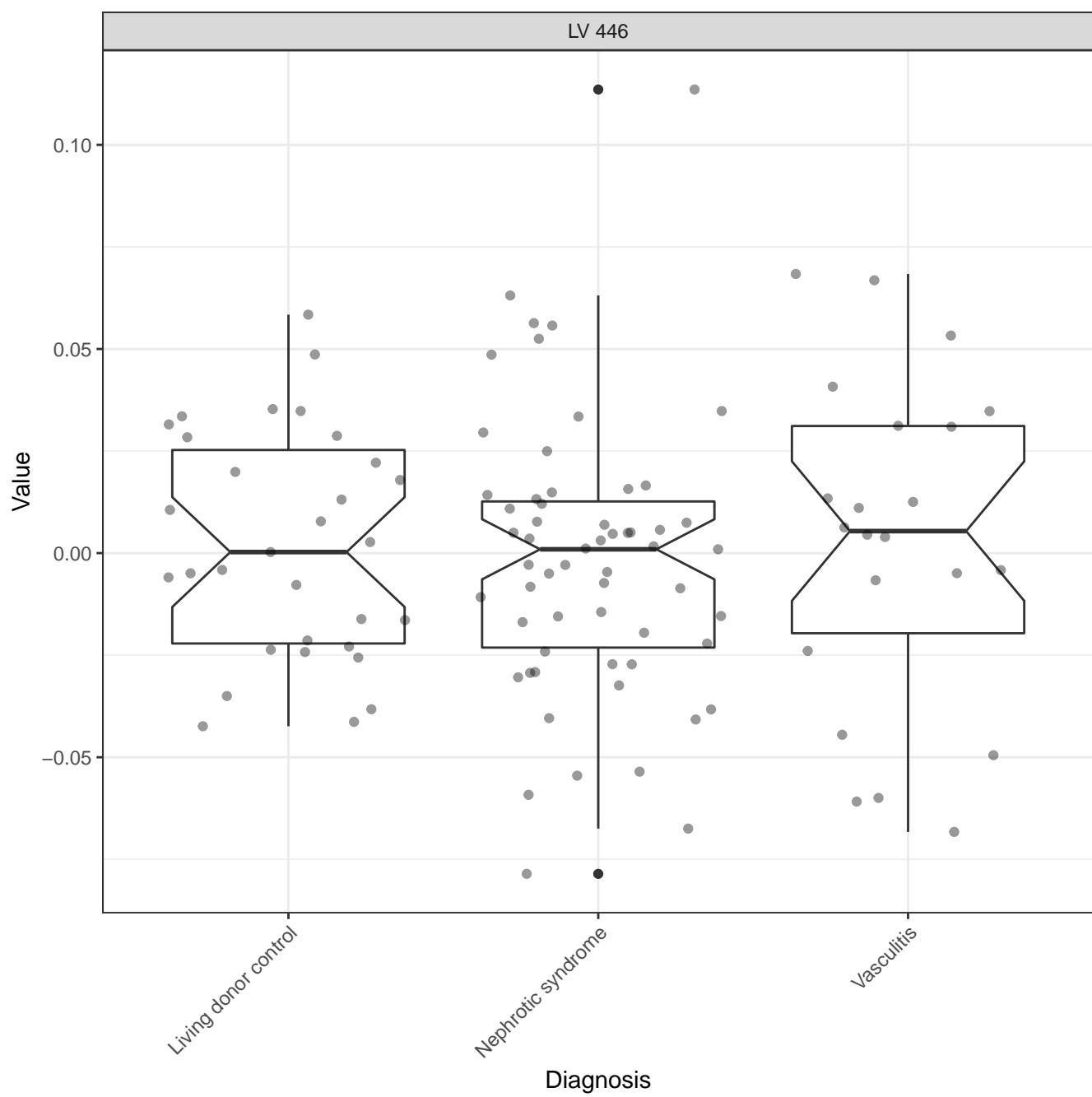
Vasculitis

Diagnosis

LV 444







## 447,KEGG\_LYSOSOME

Value

0.3

0.2

0.1

0.0

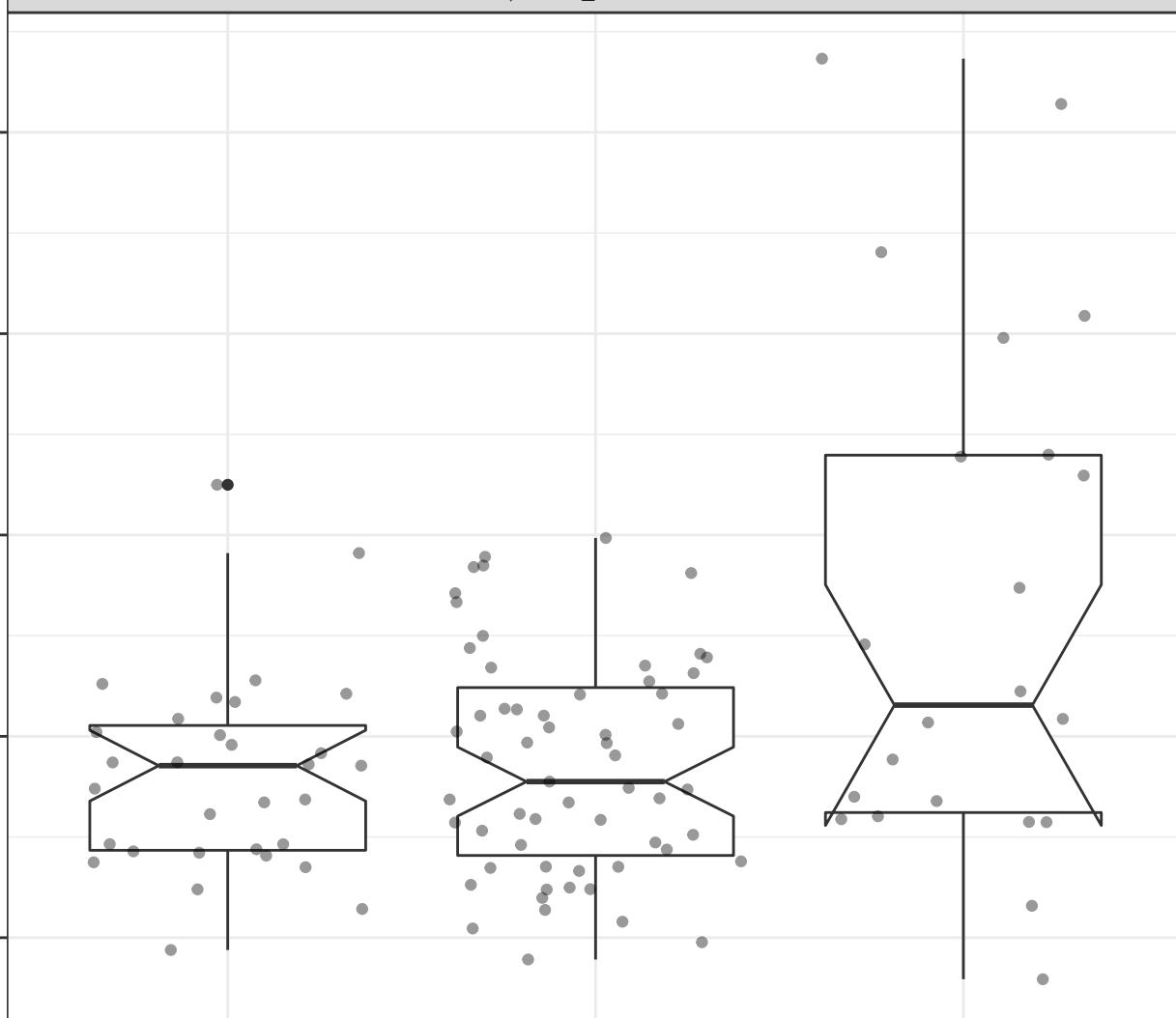
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 448

Value

0.10

0.05

0.00

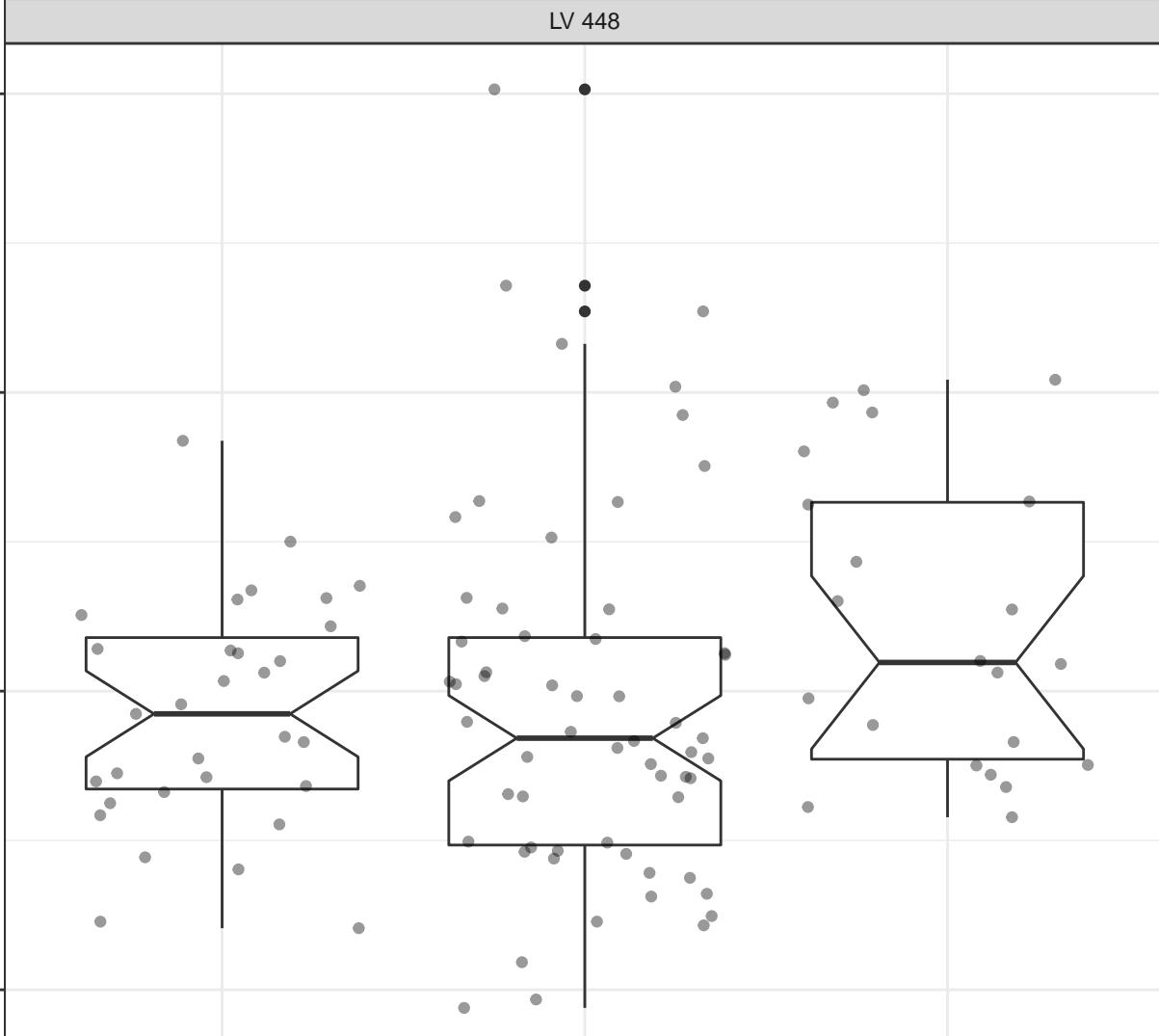
-0.05

Living donor control

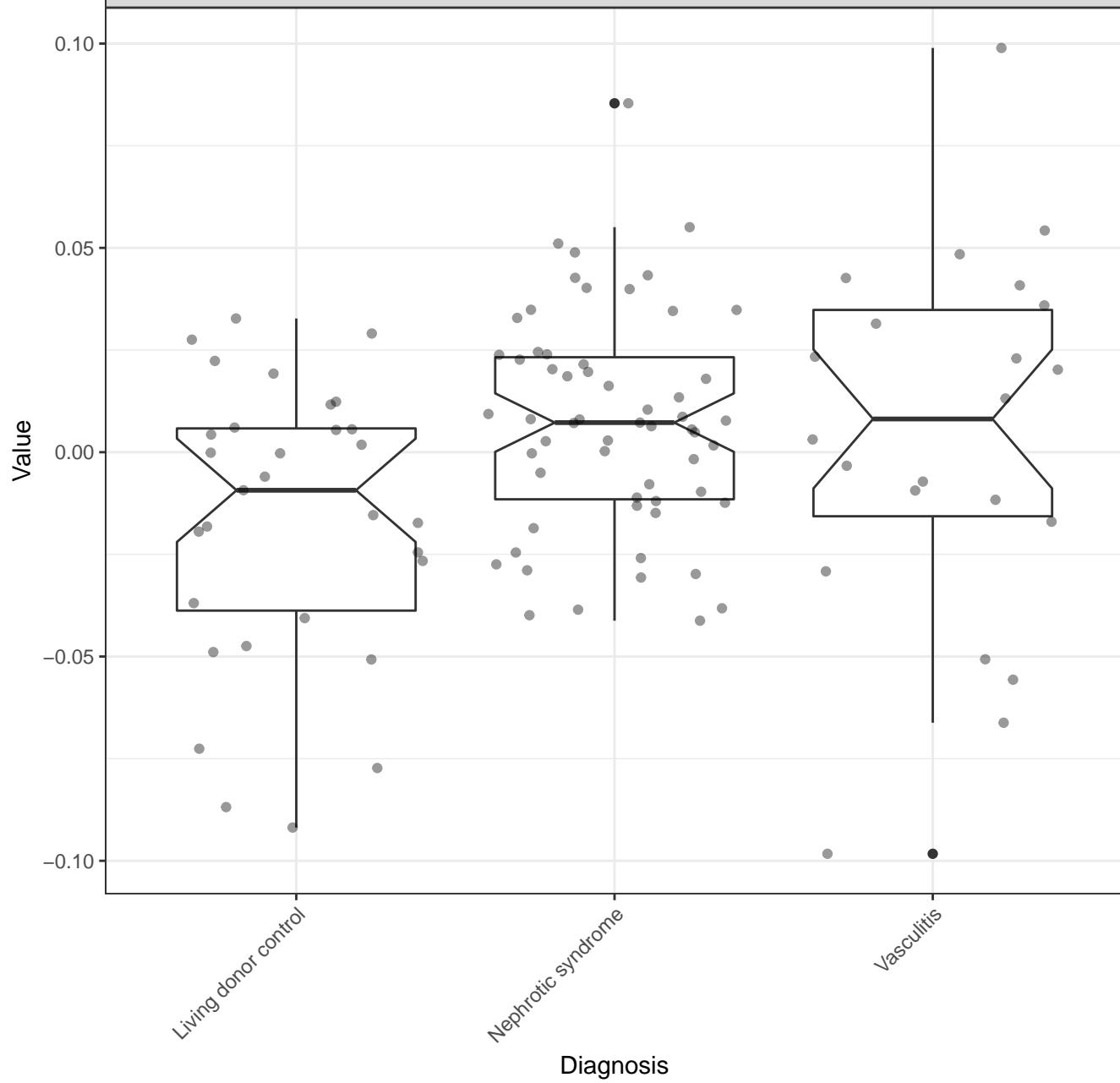
Nephrotic syndrome

Vasculitis

Diagnosis



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



Value

0.05

0.00

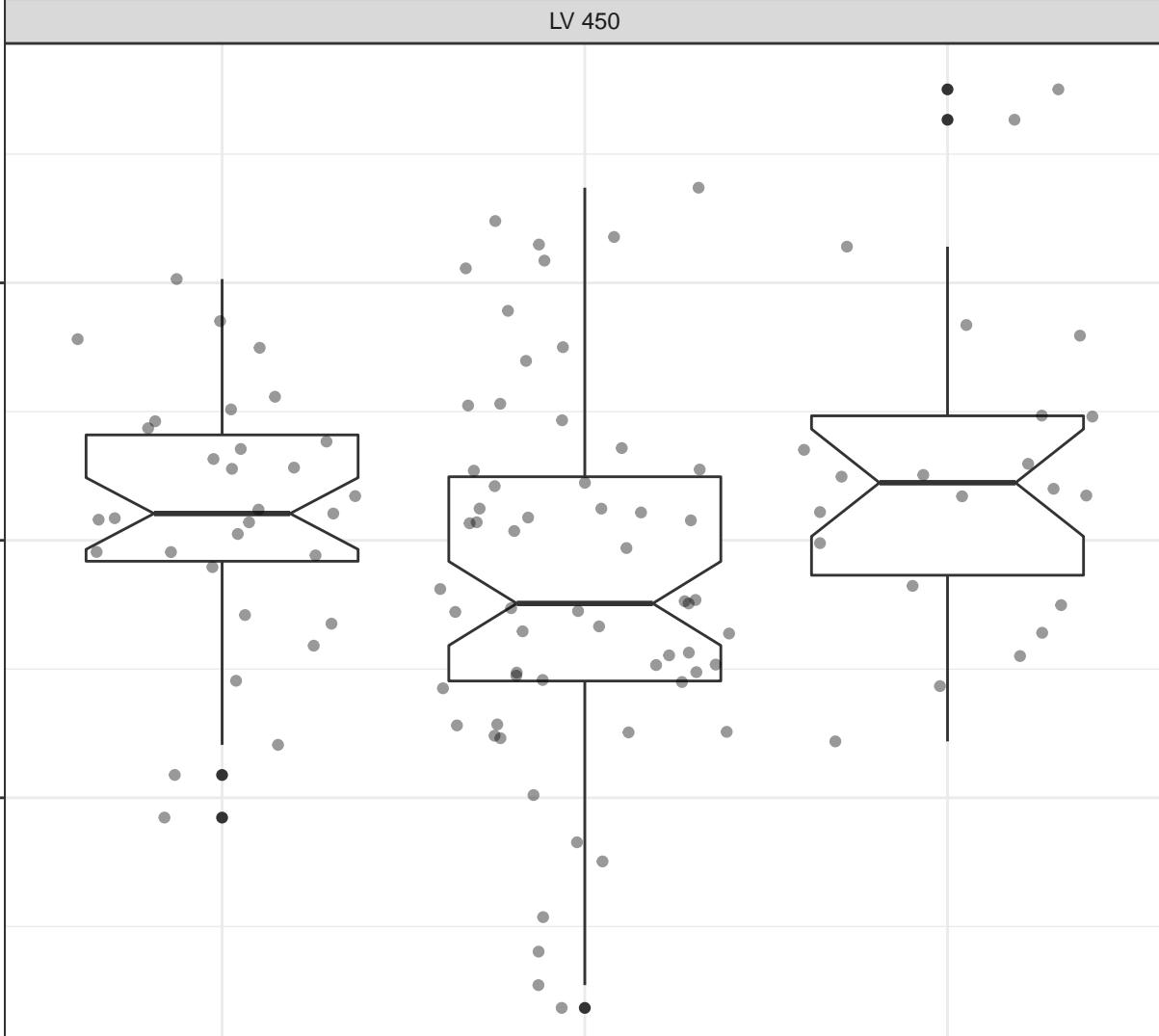
-0.05

Living donor control

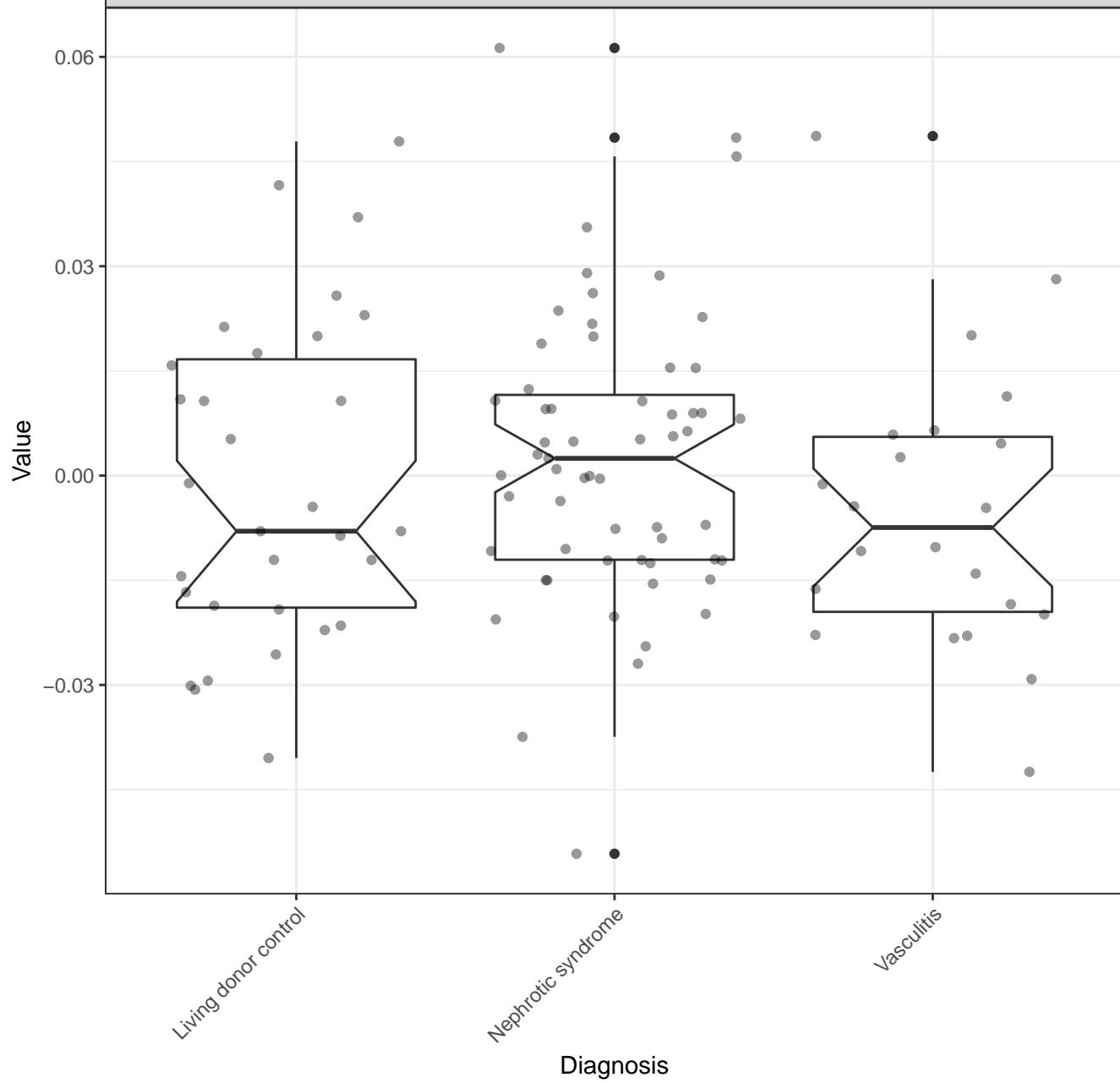
Nephrotic syndrome

Vasculitis

Diagnosis



# 451,REACTOME\_MITOCHONDRIAL\_PROTEIN\_IMPORT



LV 452

Value

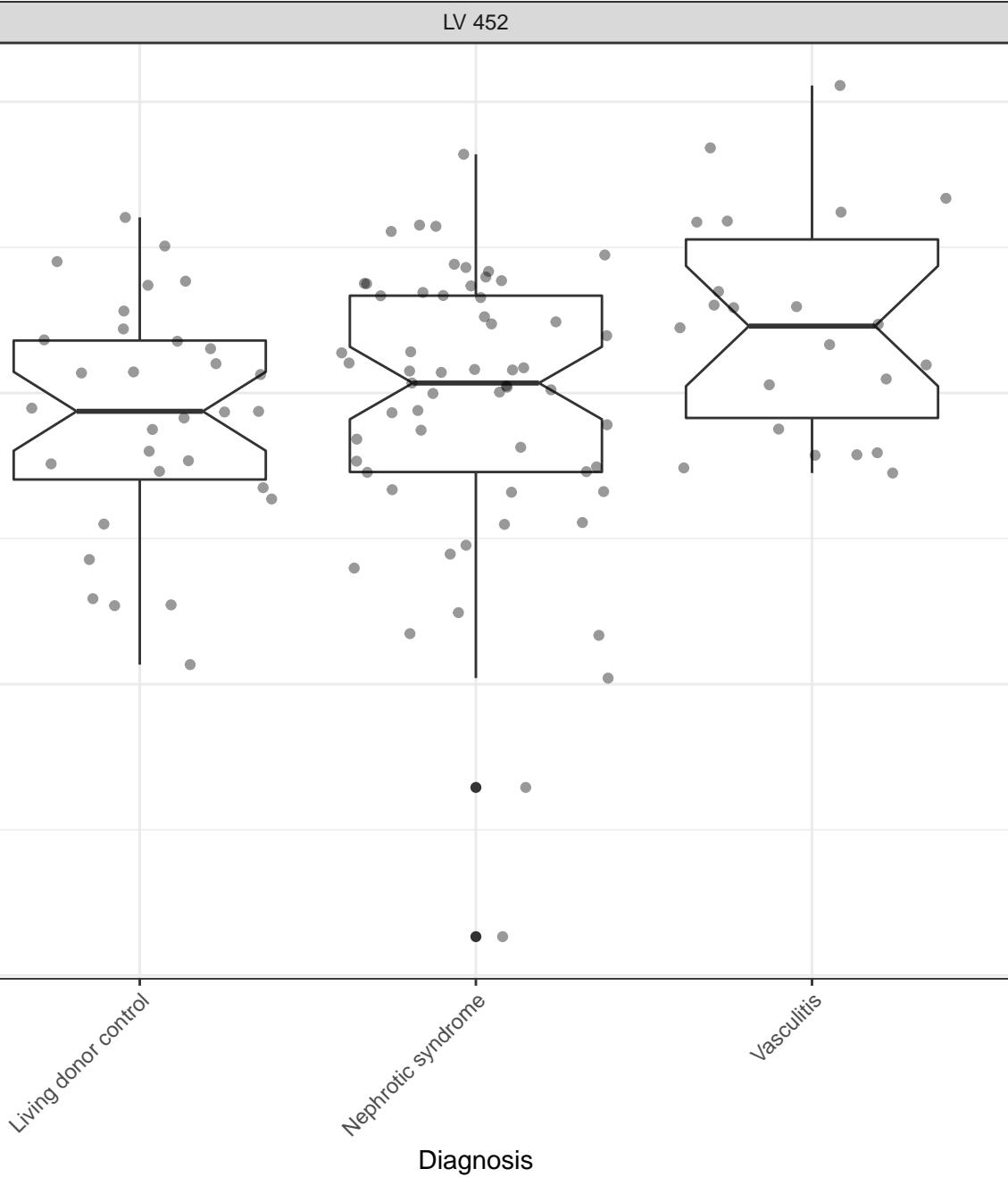
0.05  
0.00  
-0.05  
-0.10

Living donor control

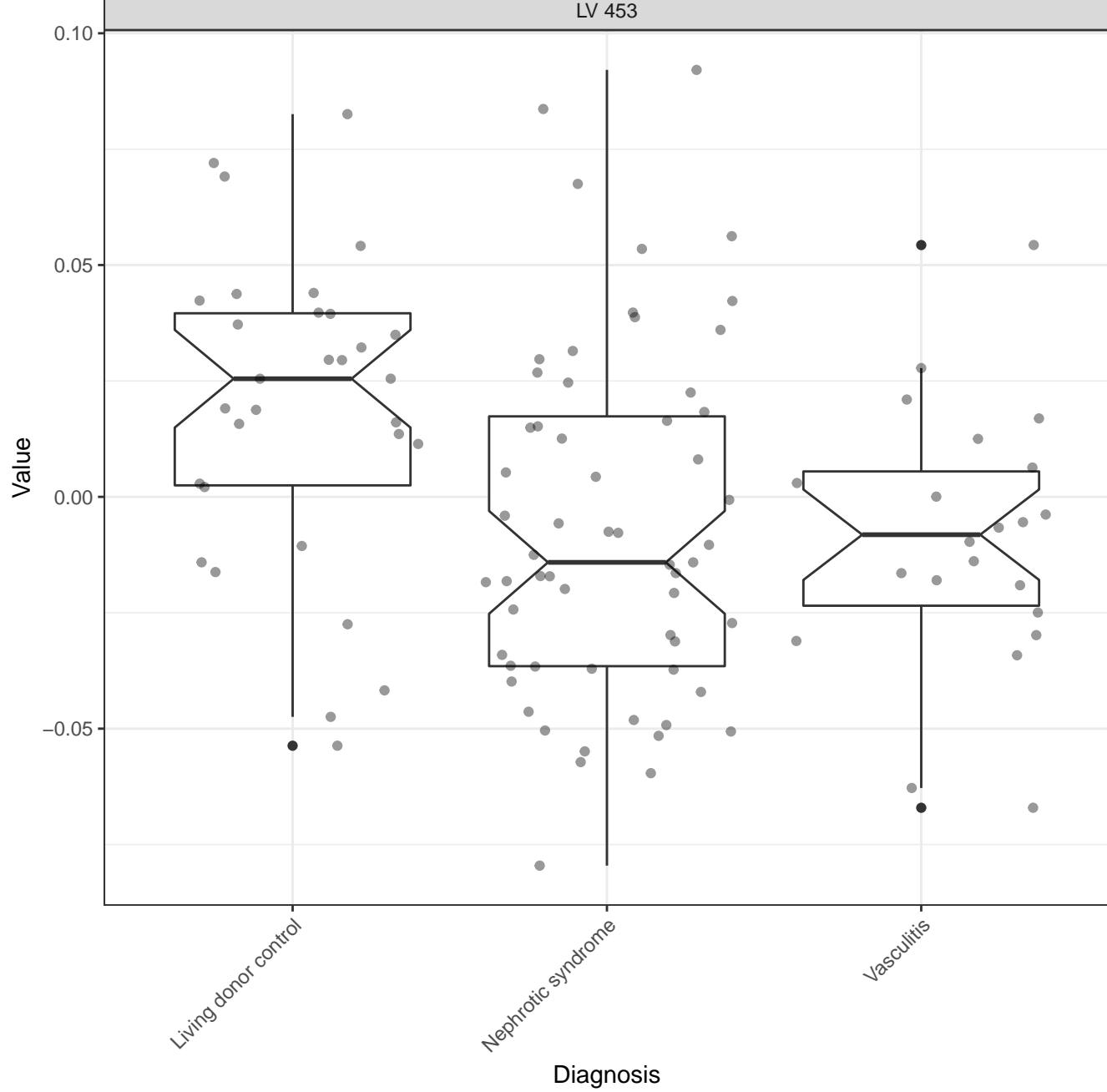
Nephrotic syndrome

Vasculitis

Diagnosis



LV 453



LV 454

Value

0.10

0.05

0.00

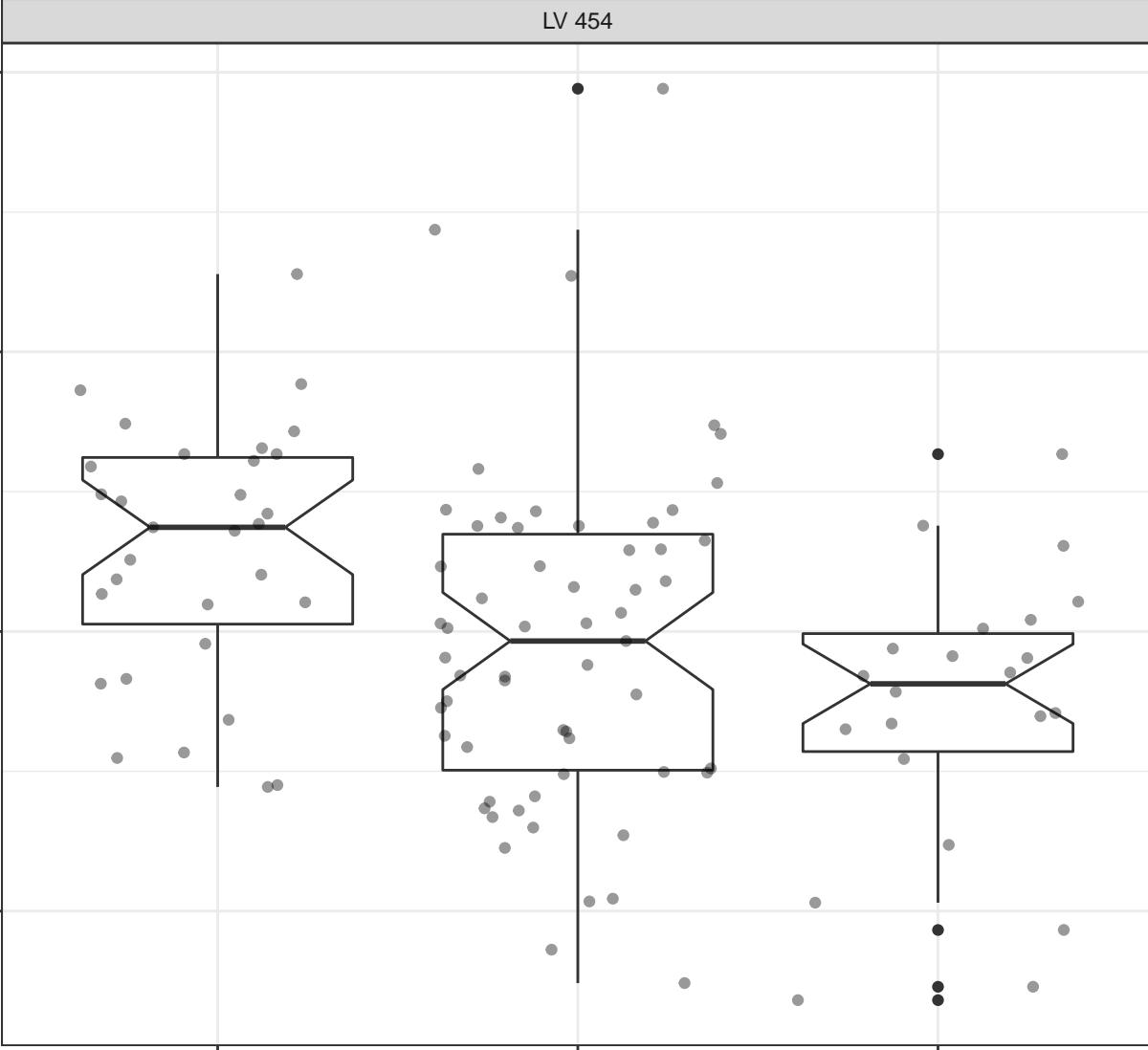
-0.05

Living donor control

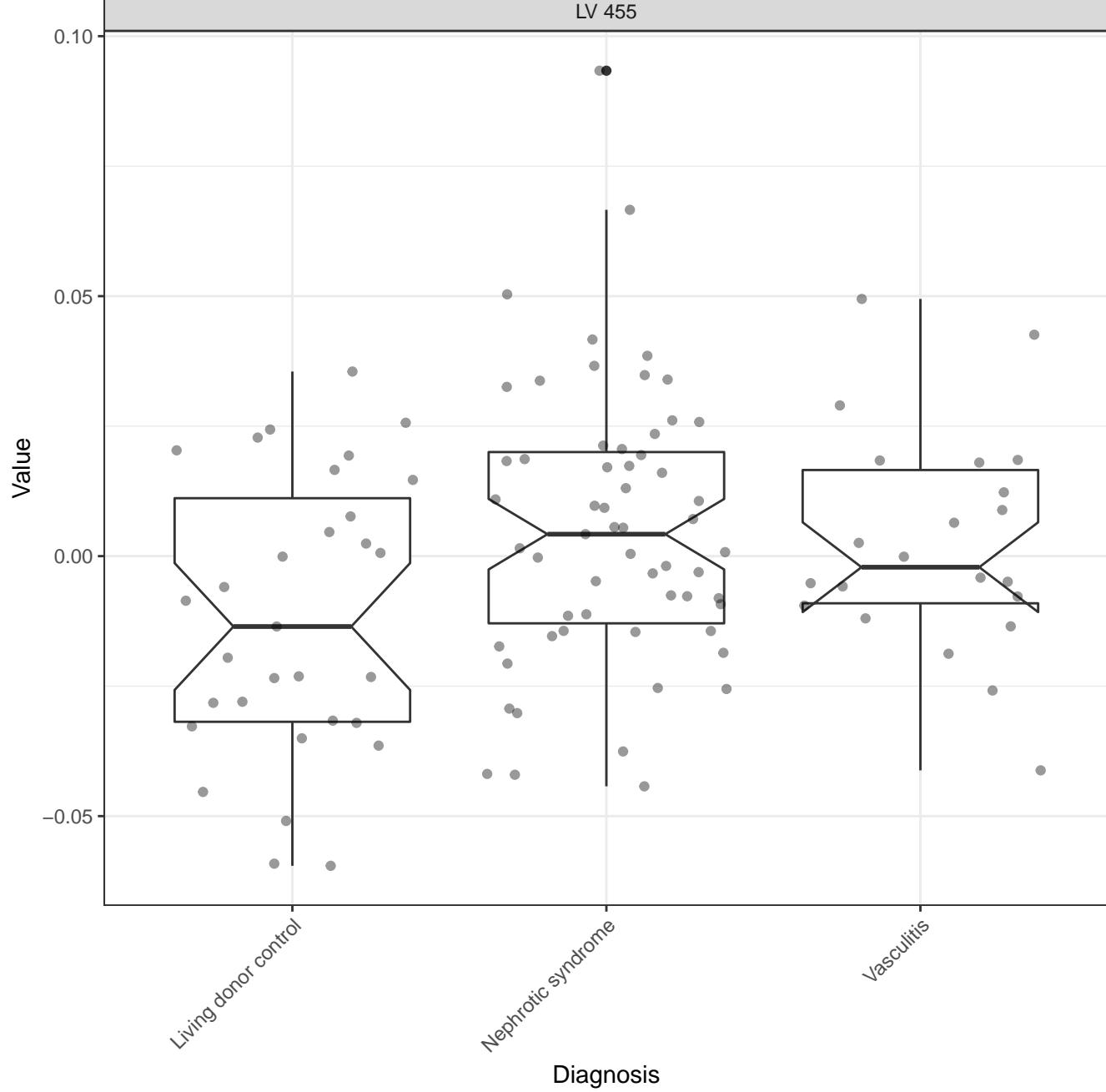
Nephrotic syndrome

Vasculitis

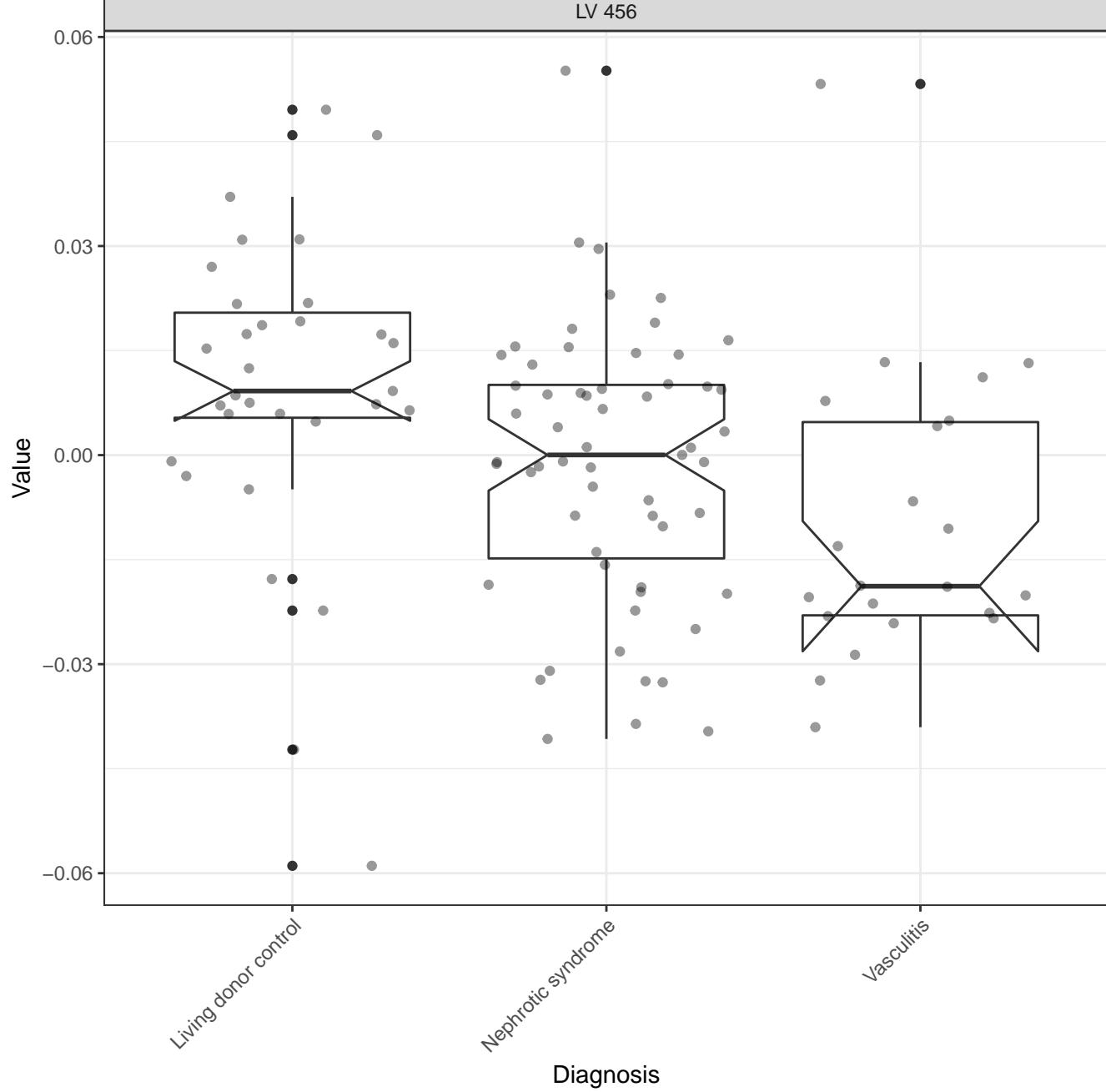
Diagnosis



LV 455



LV 456



Value

0.05

0.00

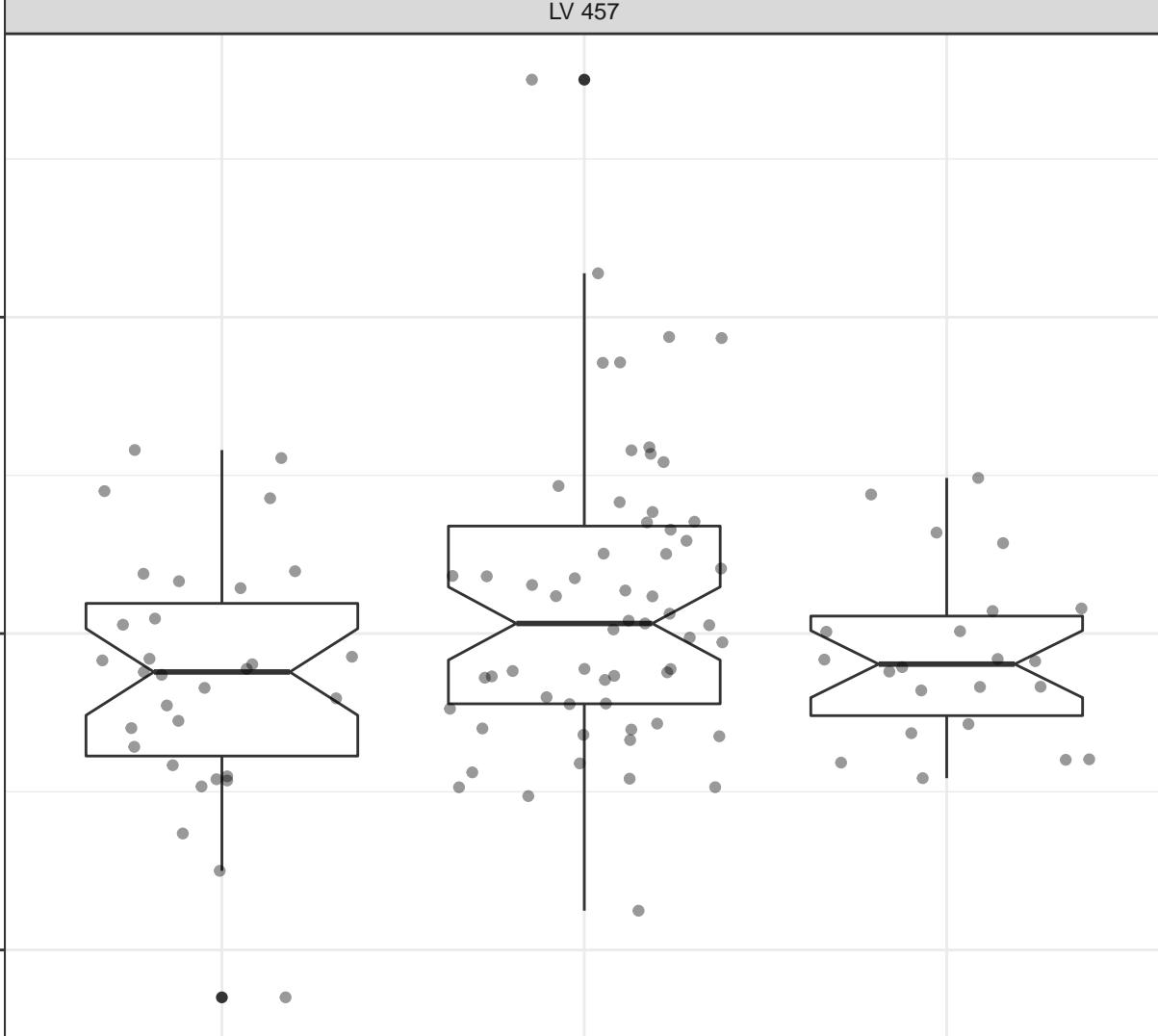
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 458

Value

0.04

0.00

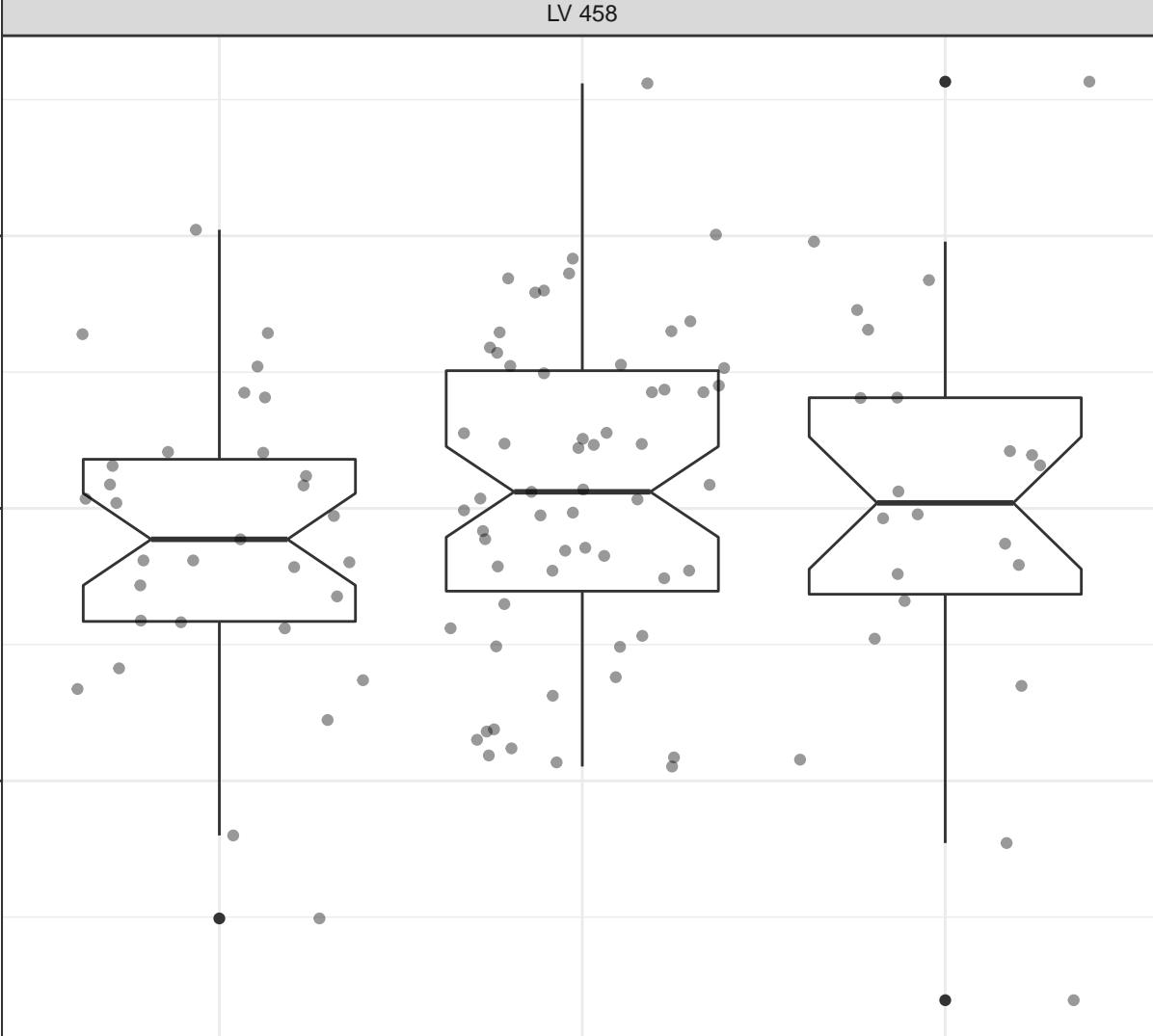
-0.04

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

0.08

0.04

0.00

-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.05

0.00

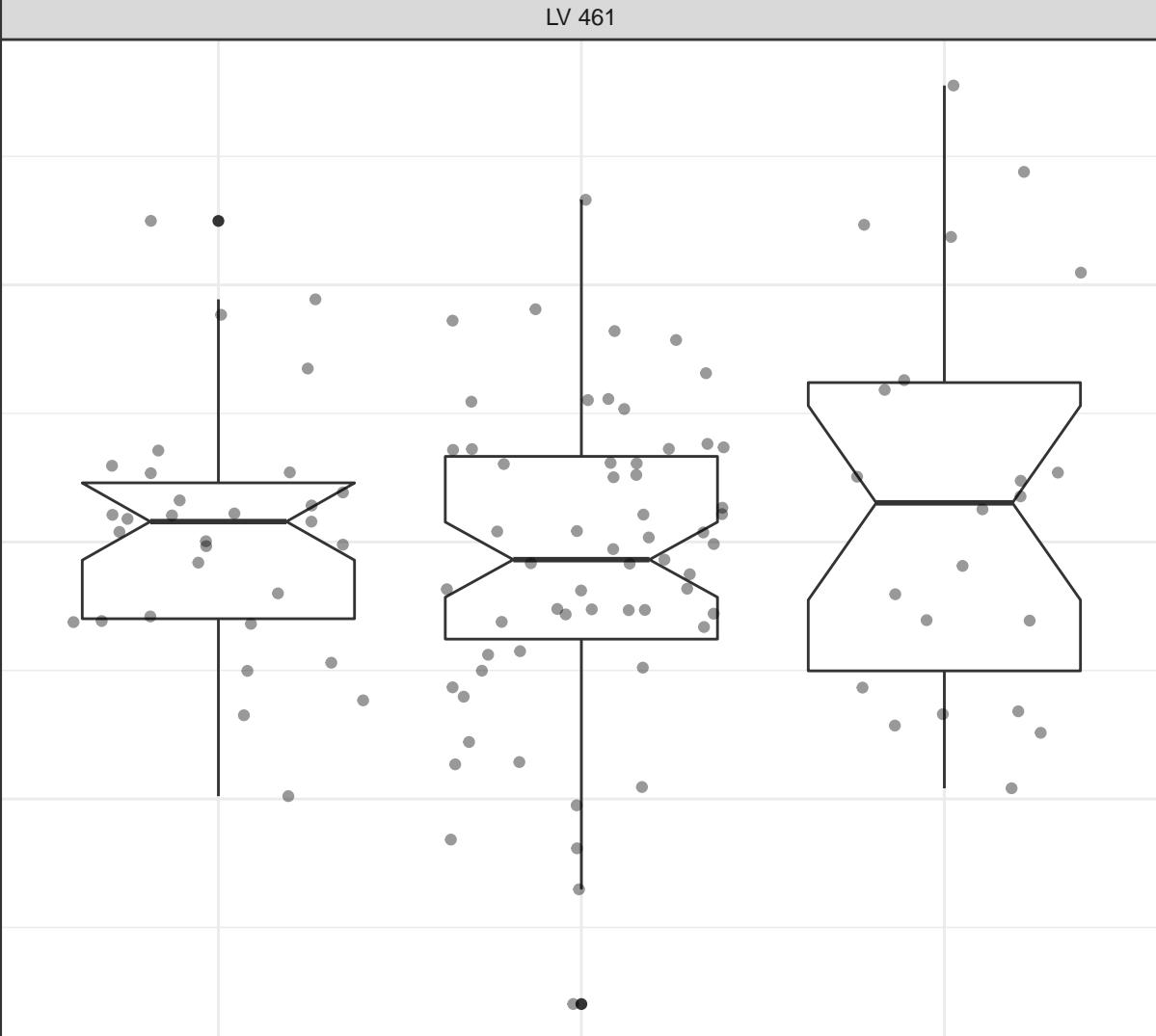
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

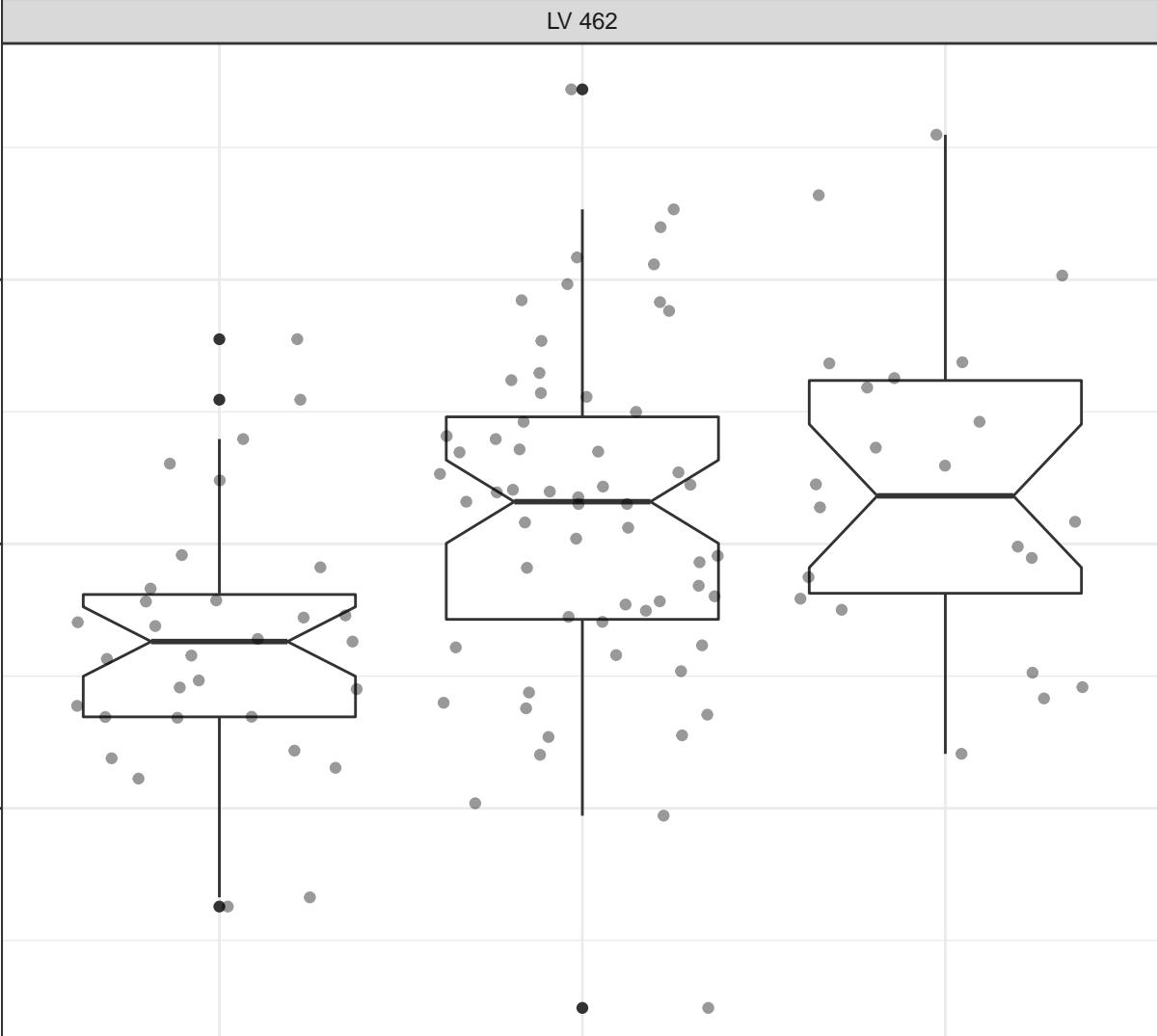
-0.05

Living donor control

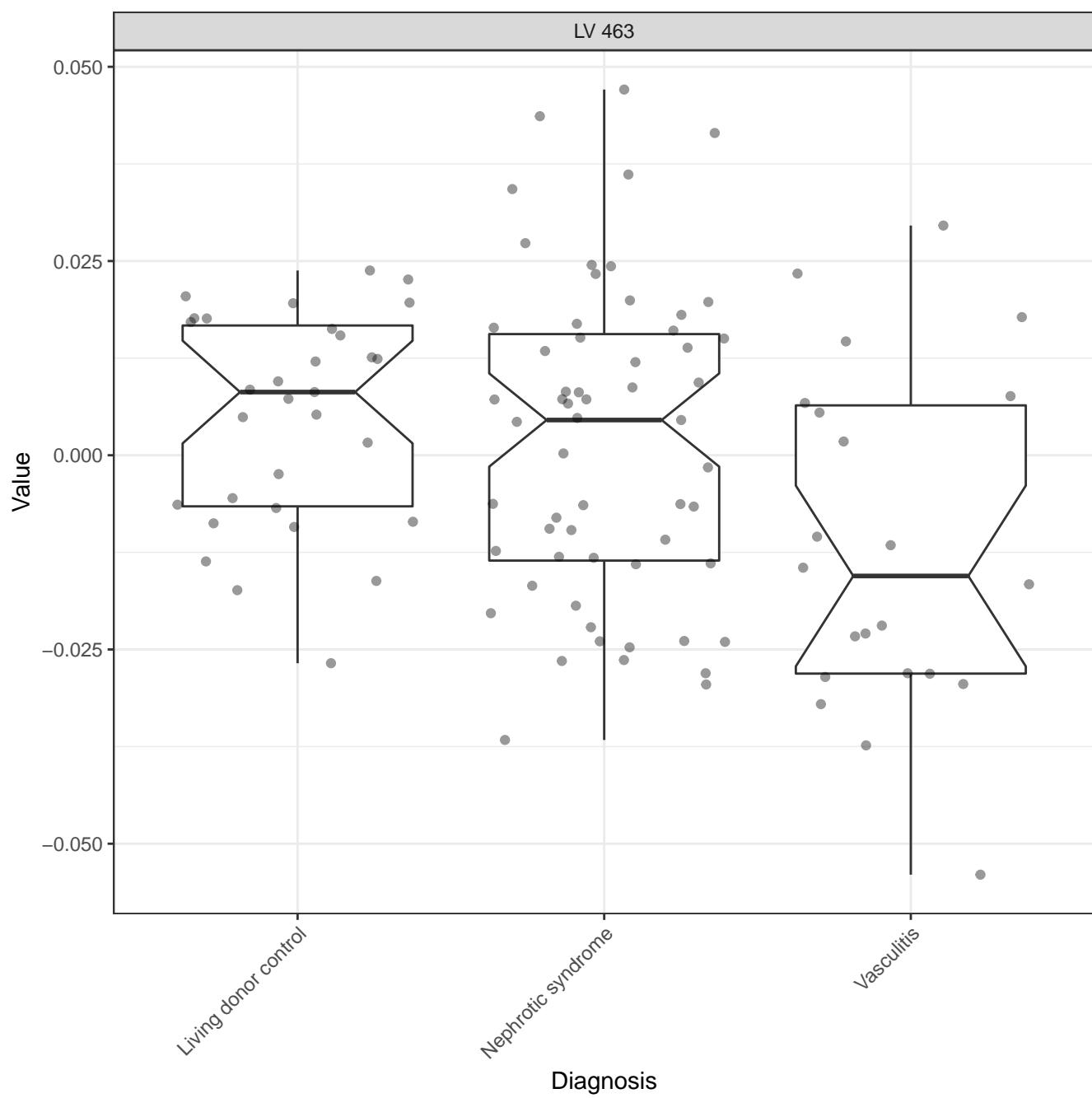
Nephrotic syndrome

Vasculitis

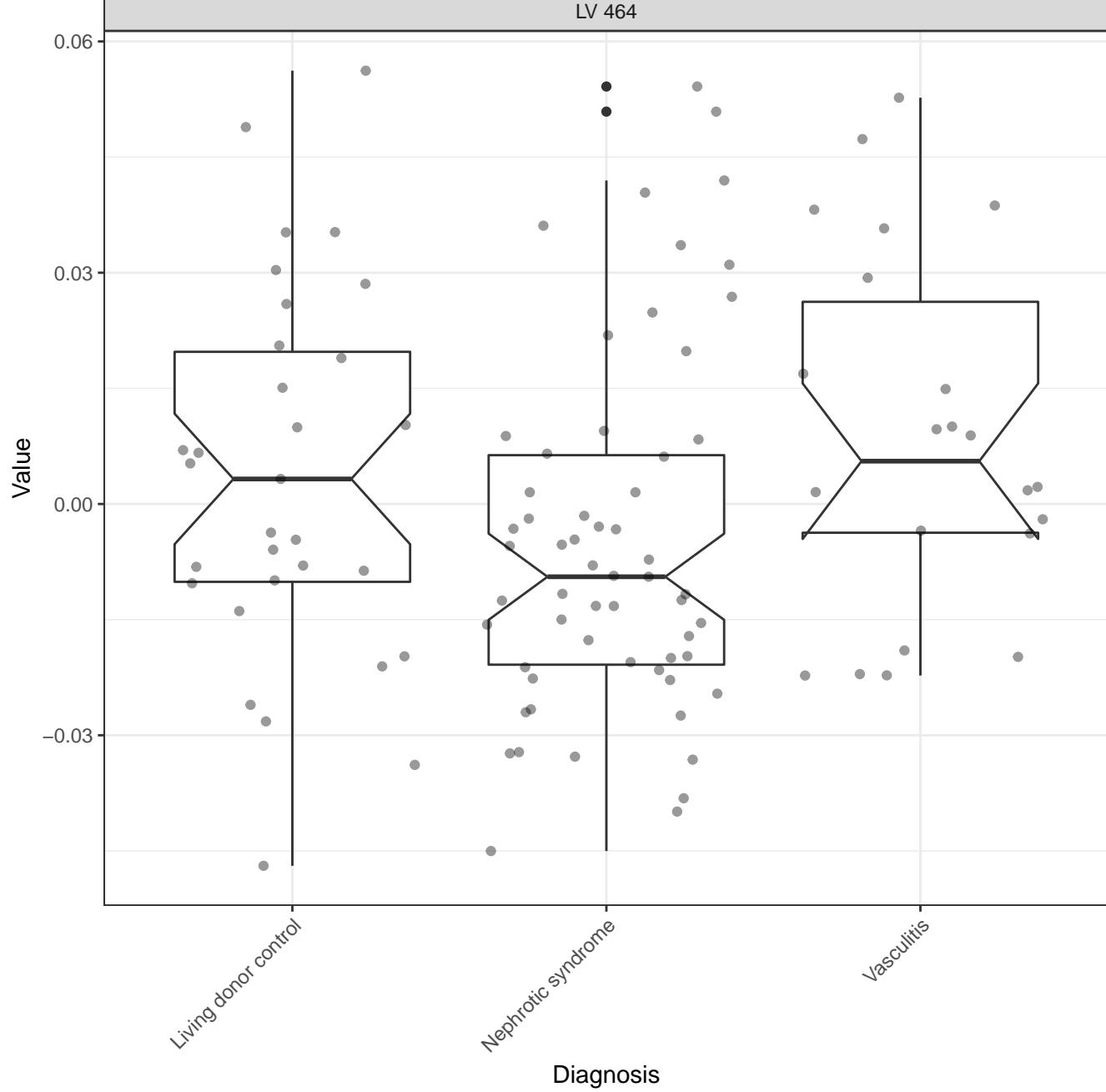
Diagnosis



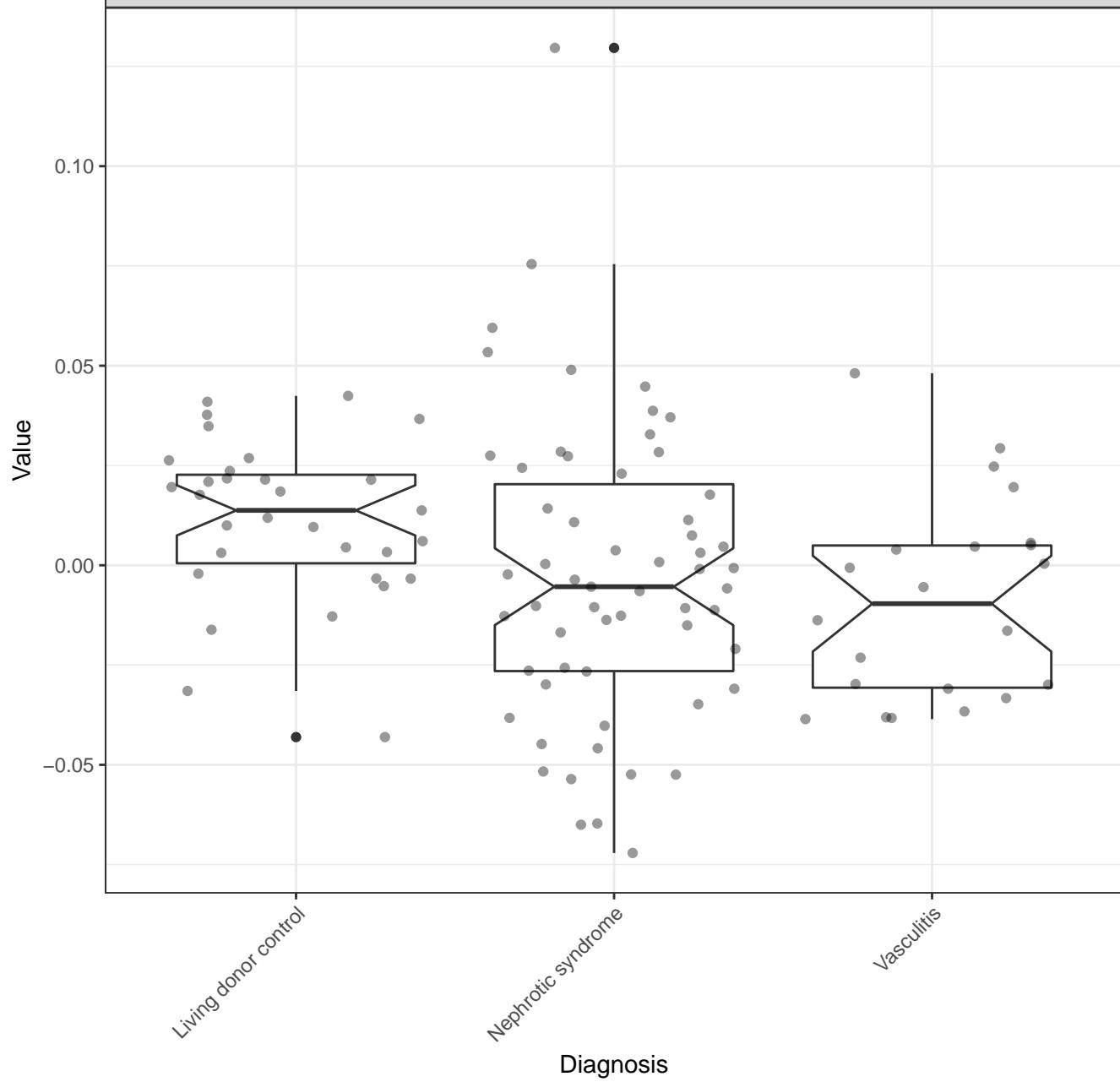
LV 463



LV 464



LV 465



LV 466

Value

0.06

0.03

0.00

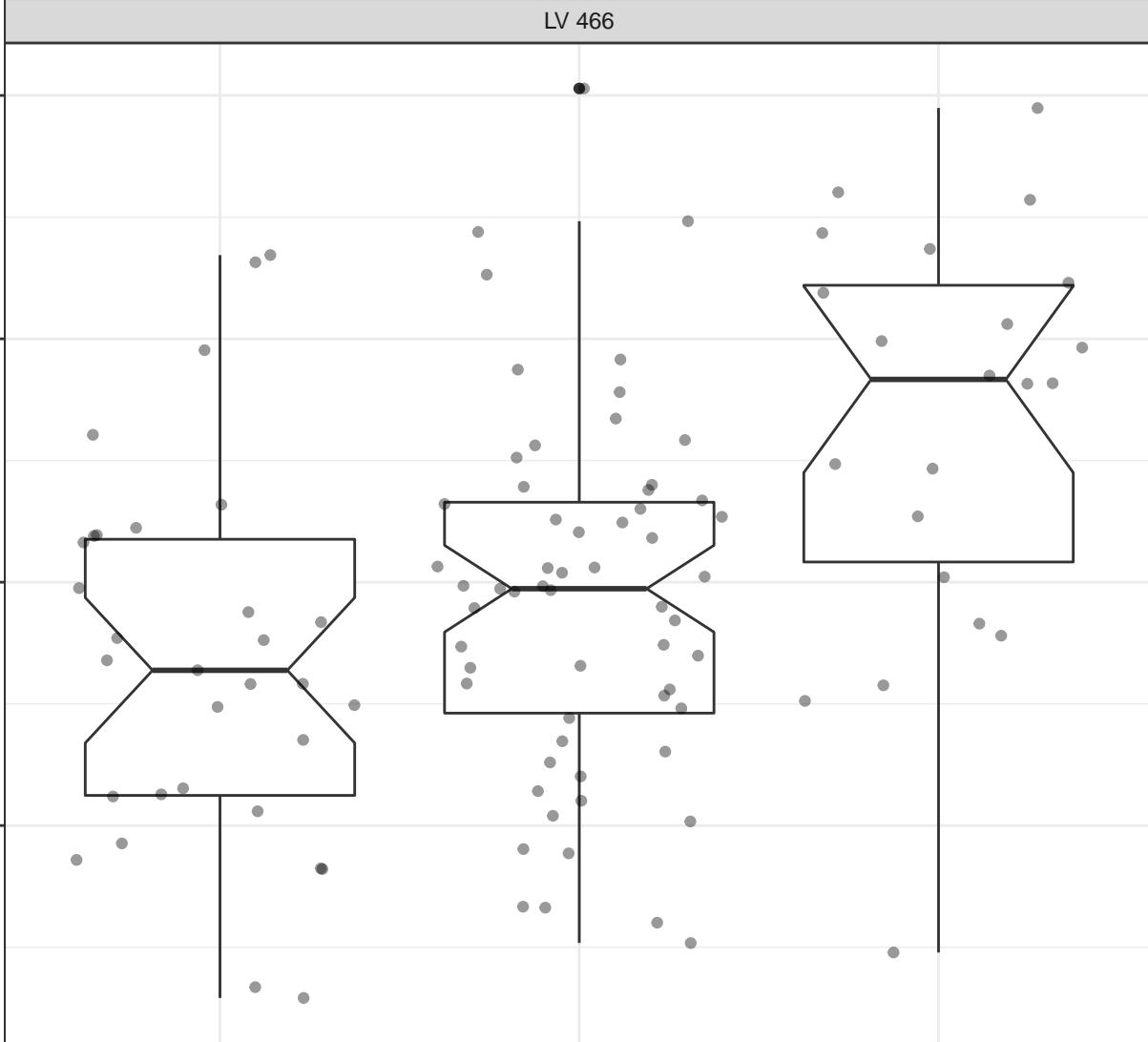
-0.03

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 467

Value

0.05

0.01

-0.05

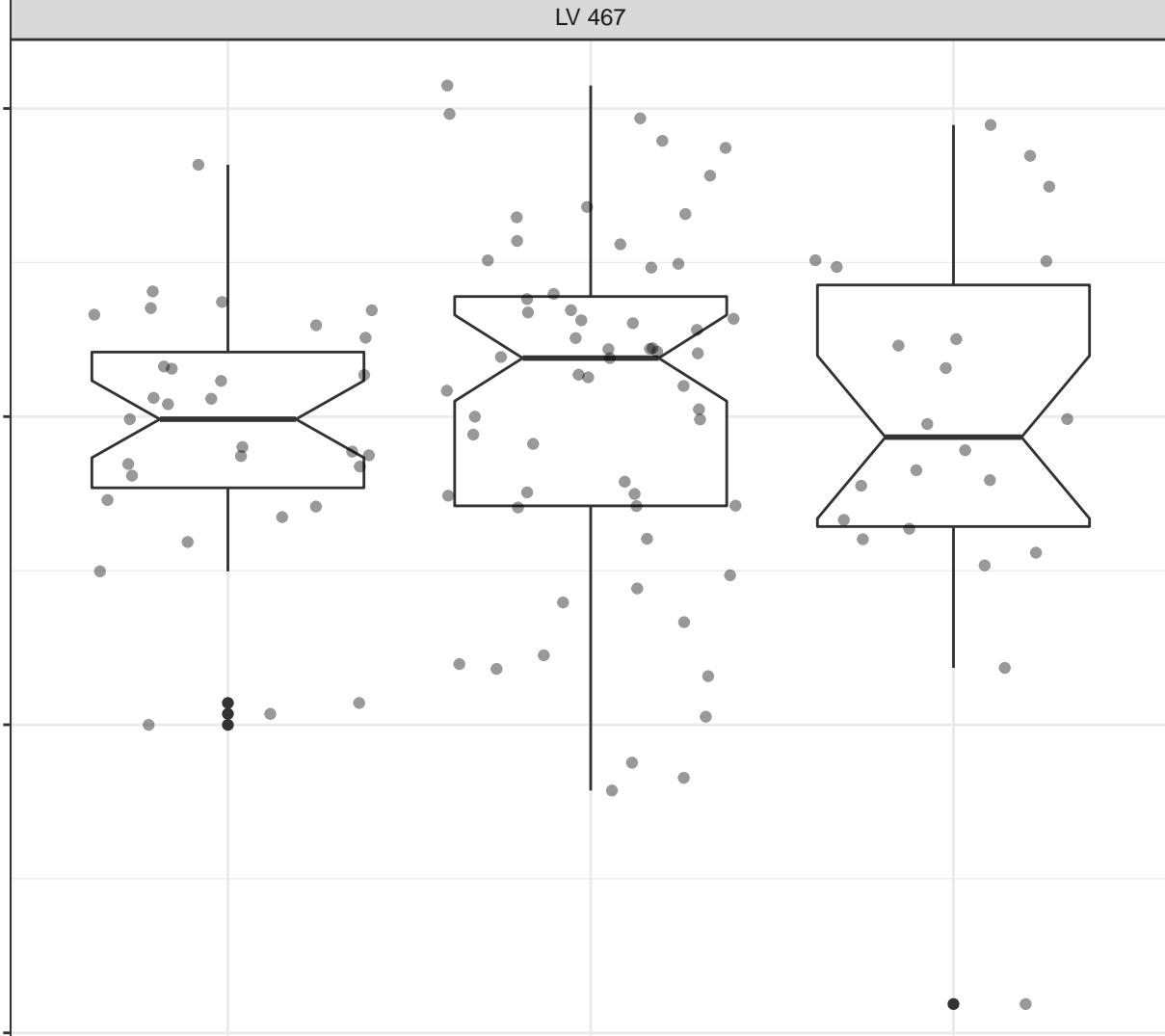
-0.10

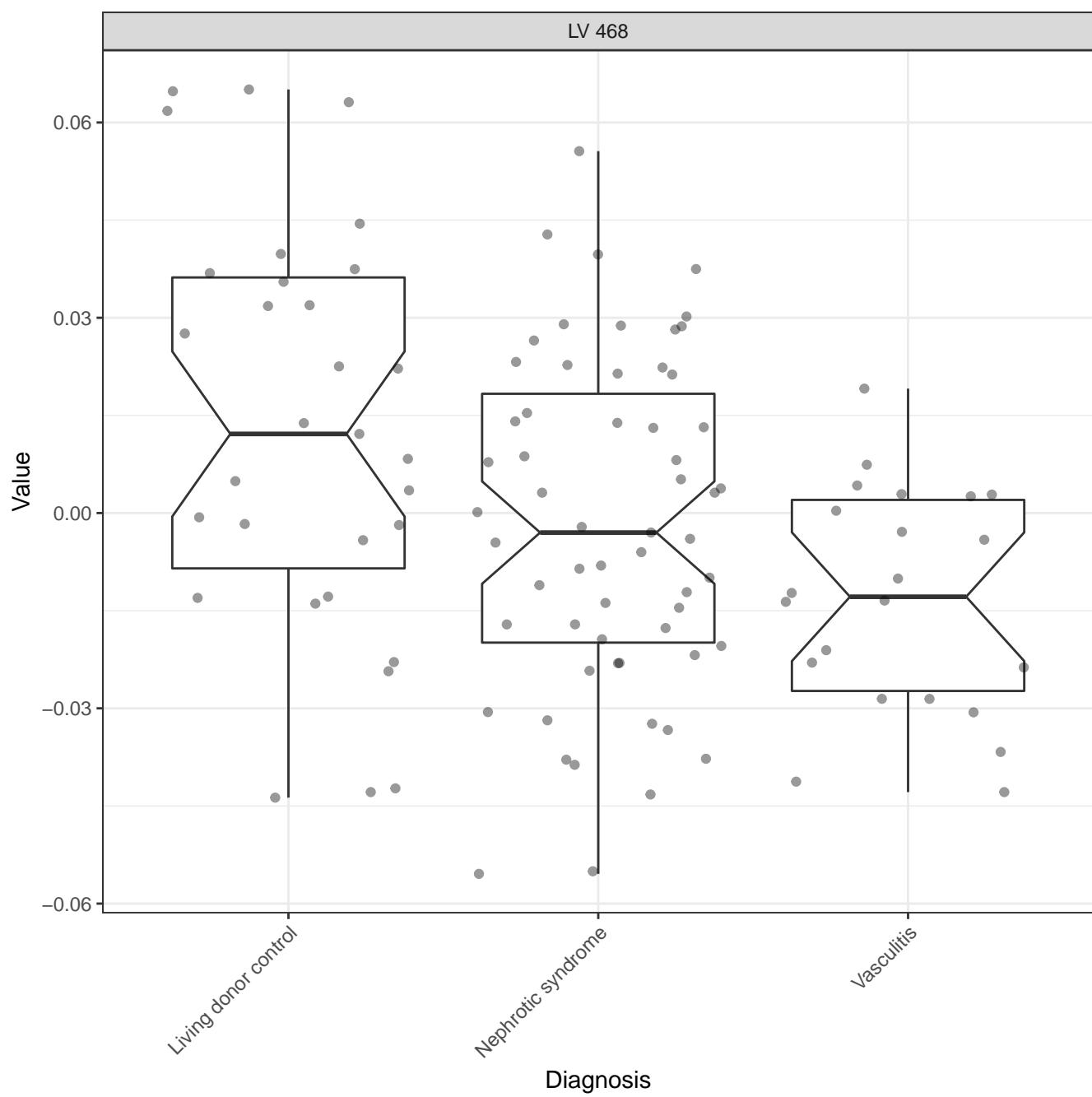
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 469

Value

0.05

0.00

-0.05

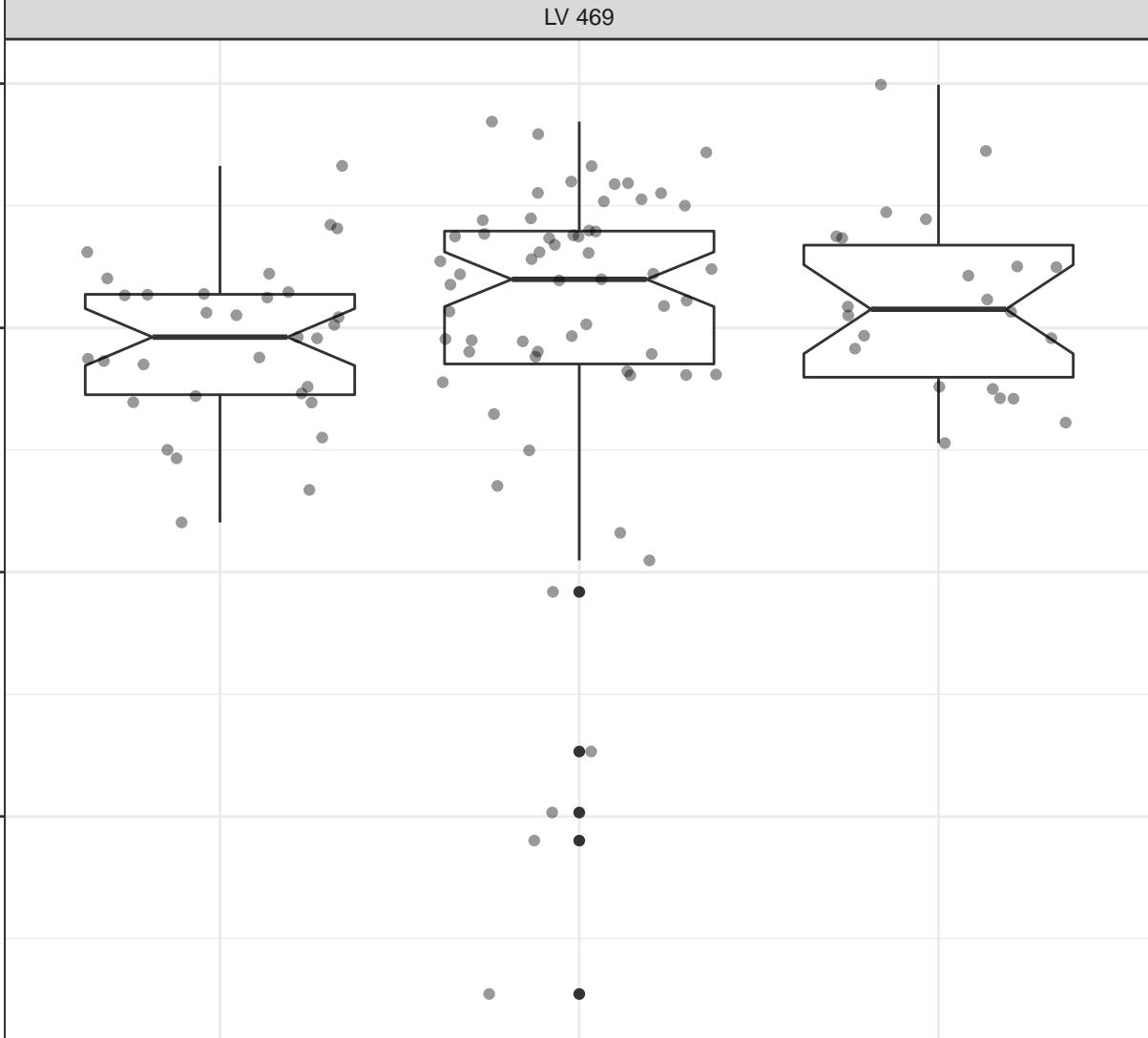
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 470

Value

0.15

0.10

0.05

0.00

-0.05

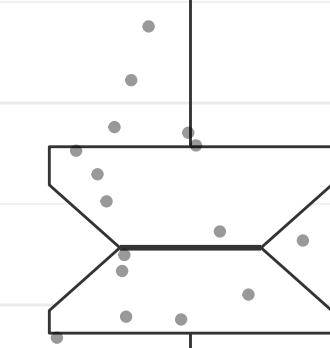
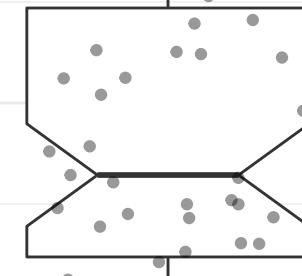
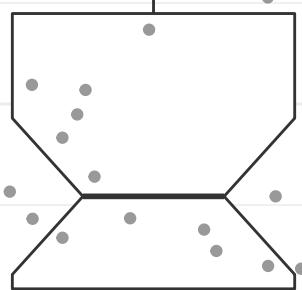
-0.10

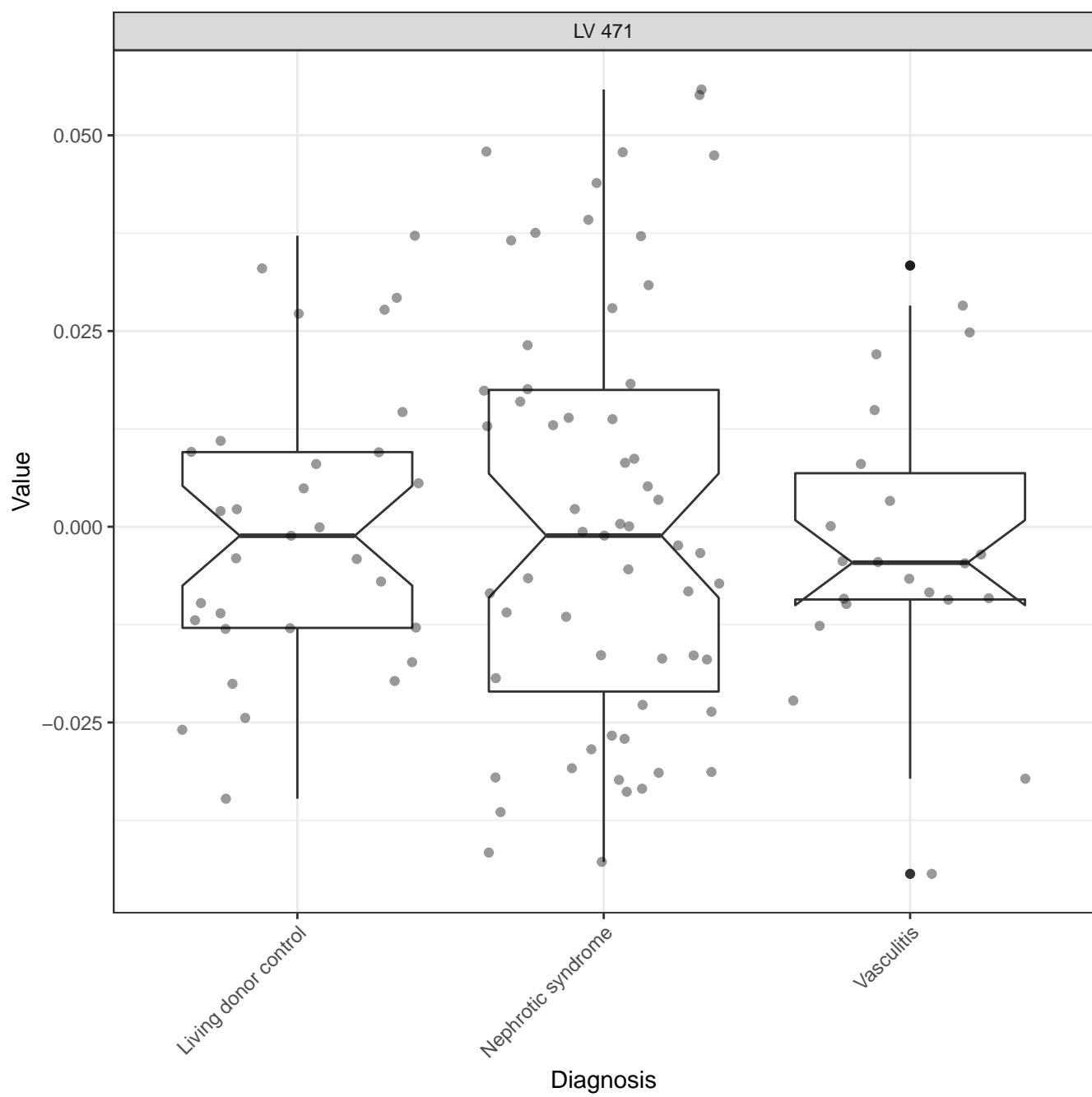
Living donor control

Nephrotic syndrome

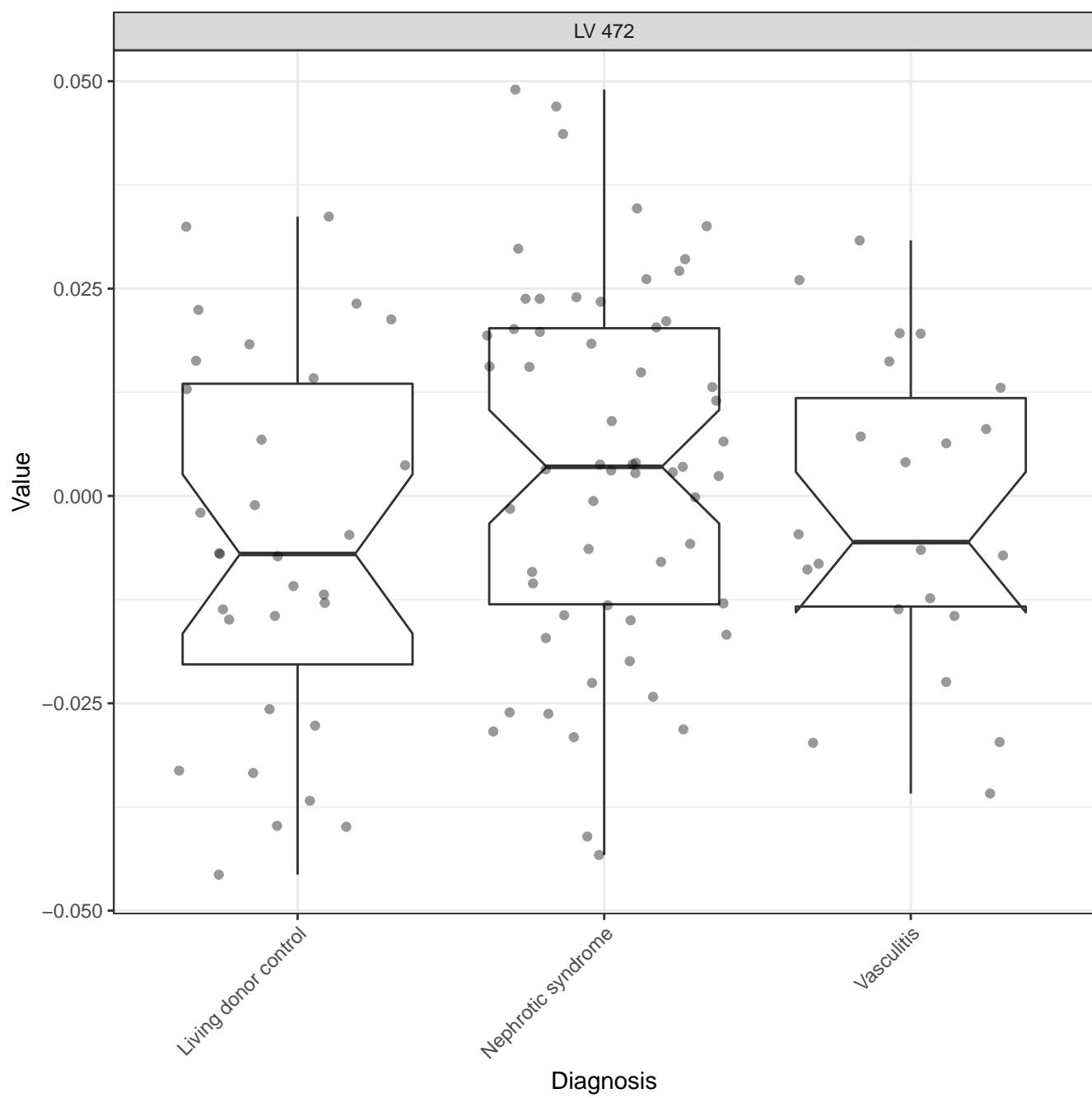
Vasculitis

Diagnosis

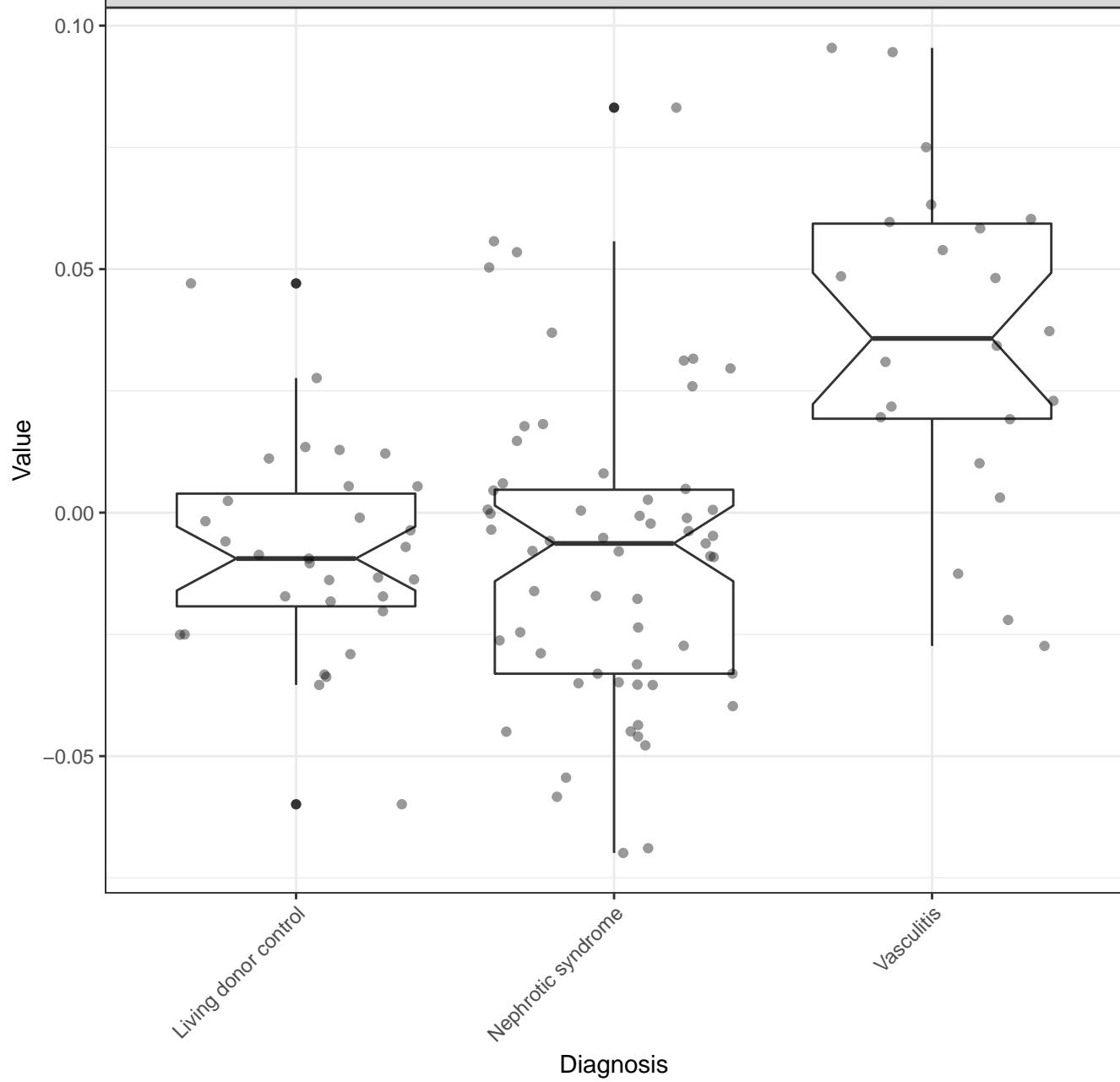




LV 472



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



LV 474

Value

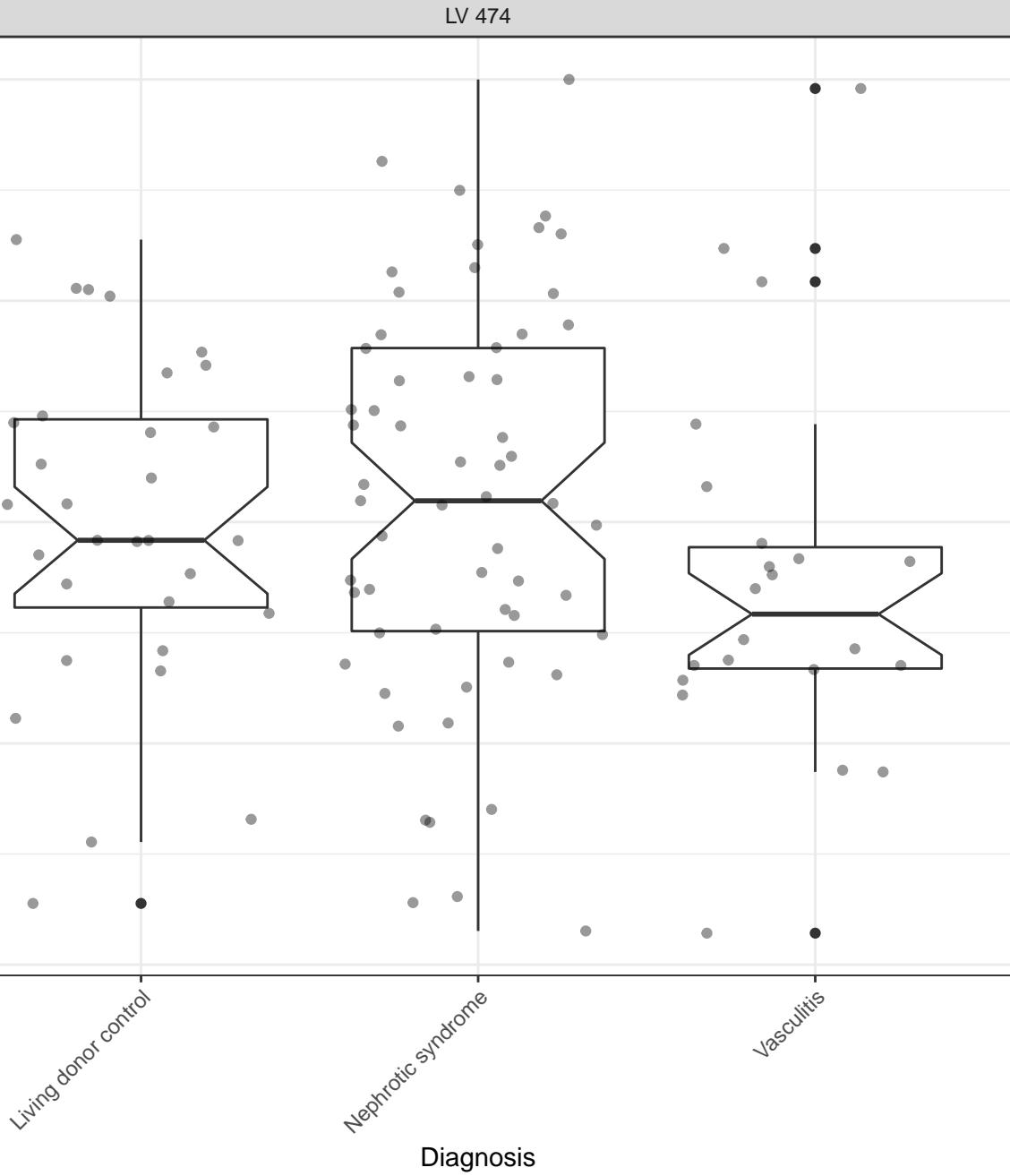
0.06  
0.03  
0.00  
-0.03  
-0.06

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 475

Value

0.04

0.00

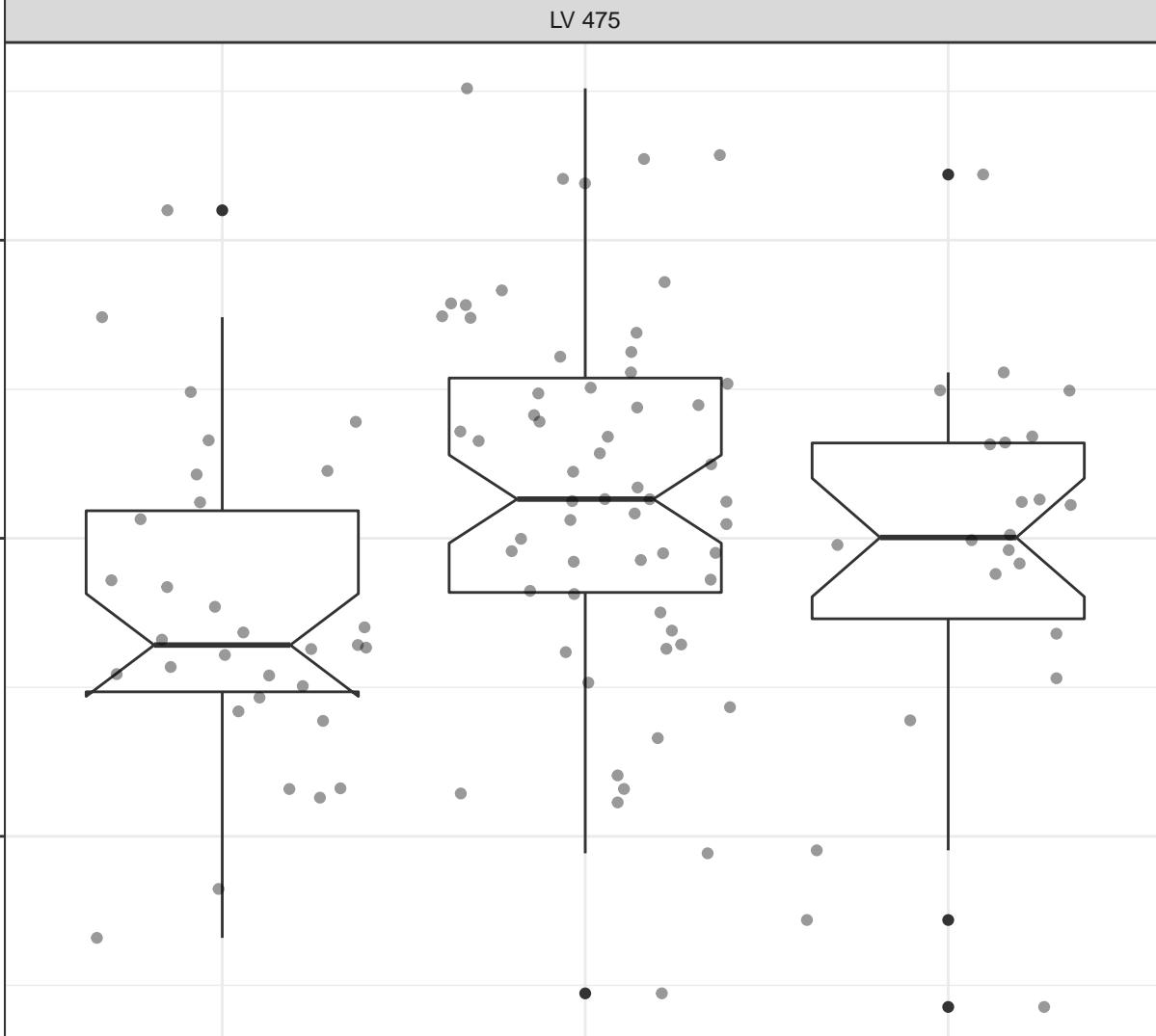
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 476

Value

0.10

0.05

0.00

-0.05

-0.10

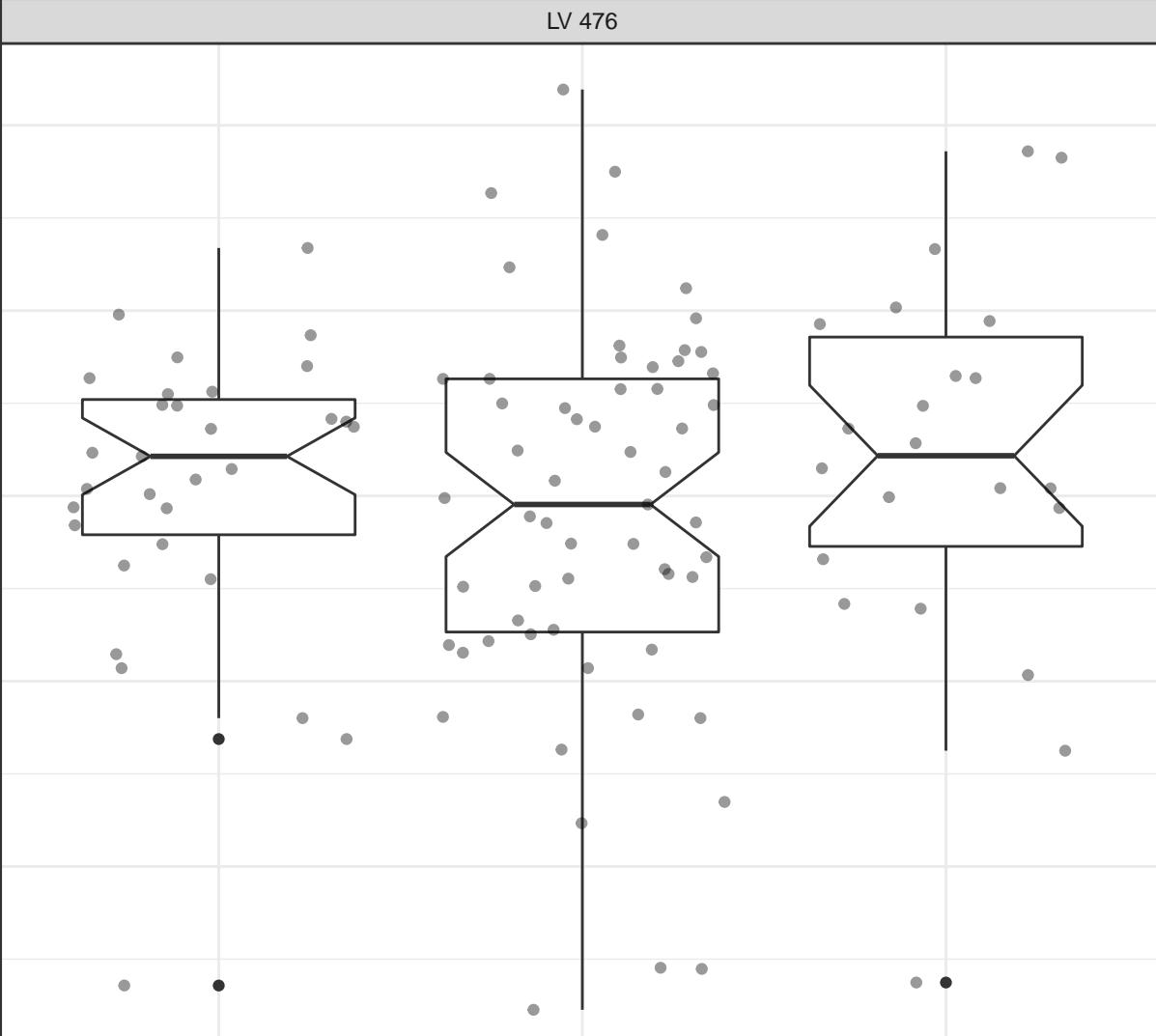
-0.15

Living donor control

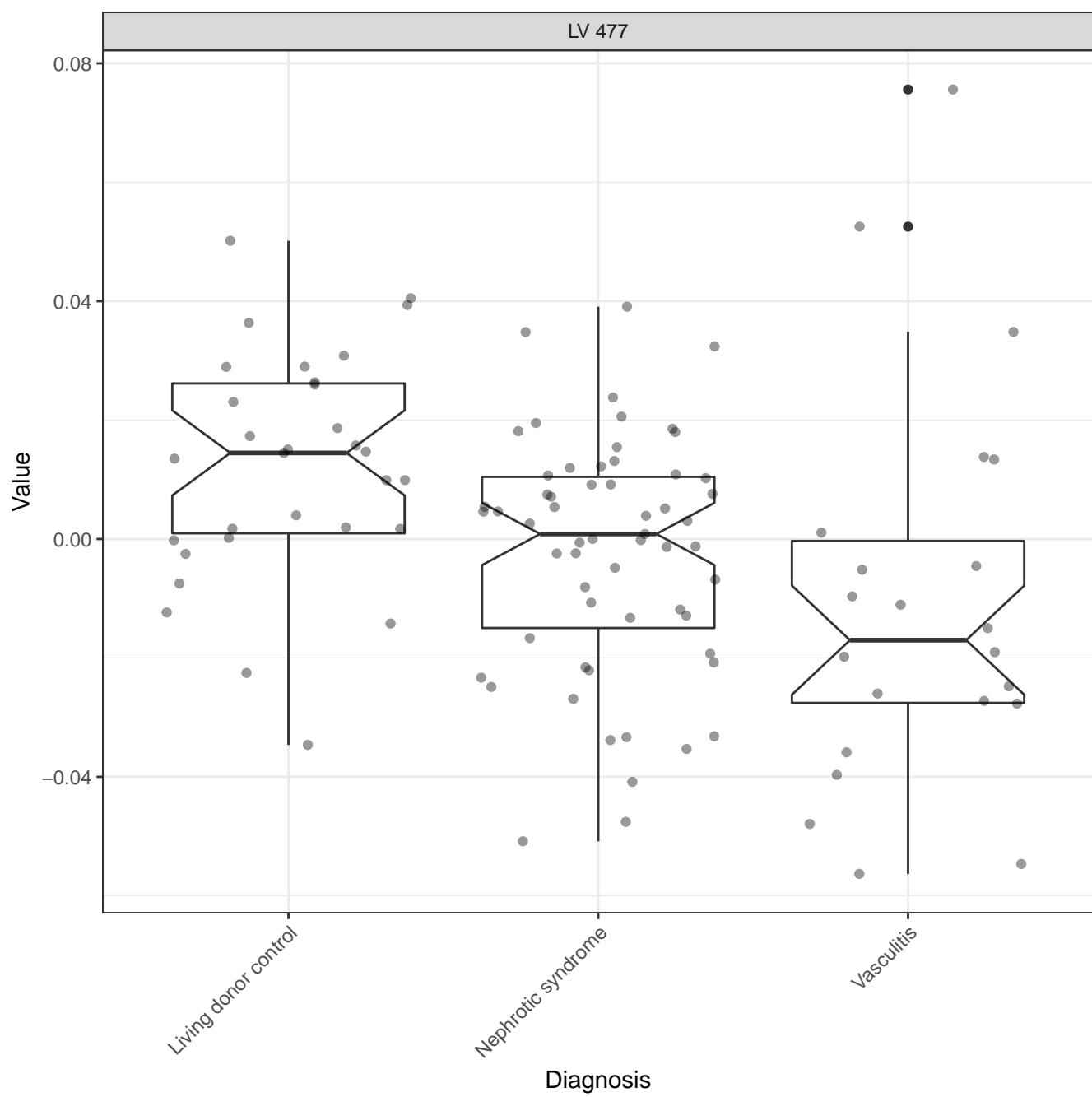
Nephrotic syndrome

Vasculitis

Diagnosis



LV 477



LV 478

Value

0.05

0.00

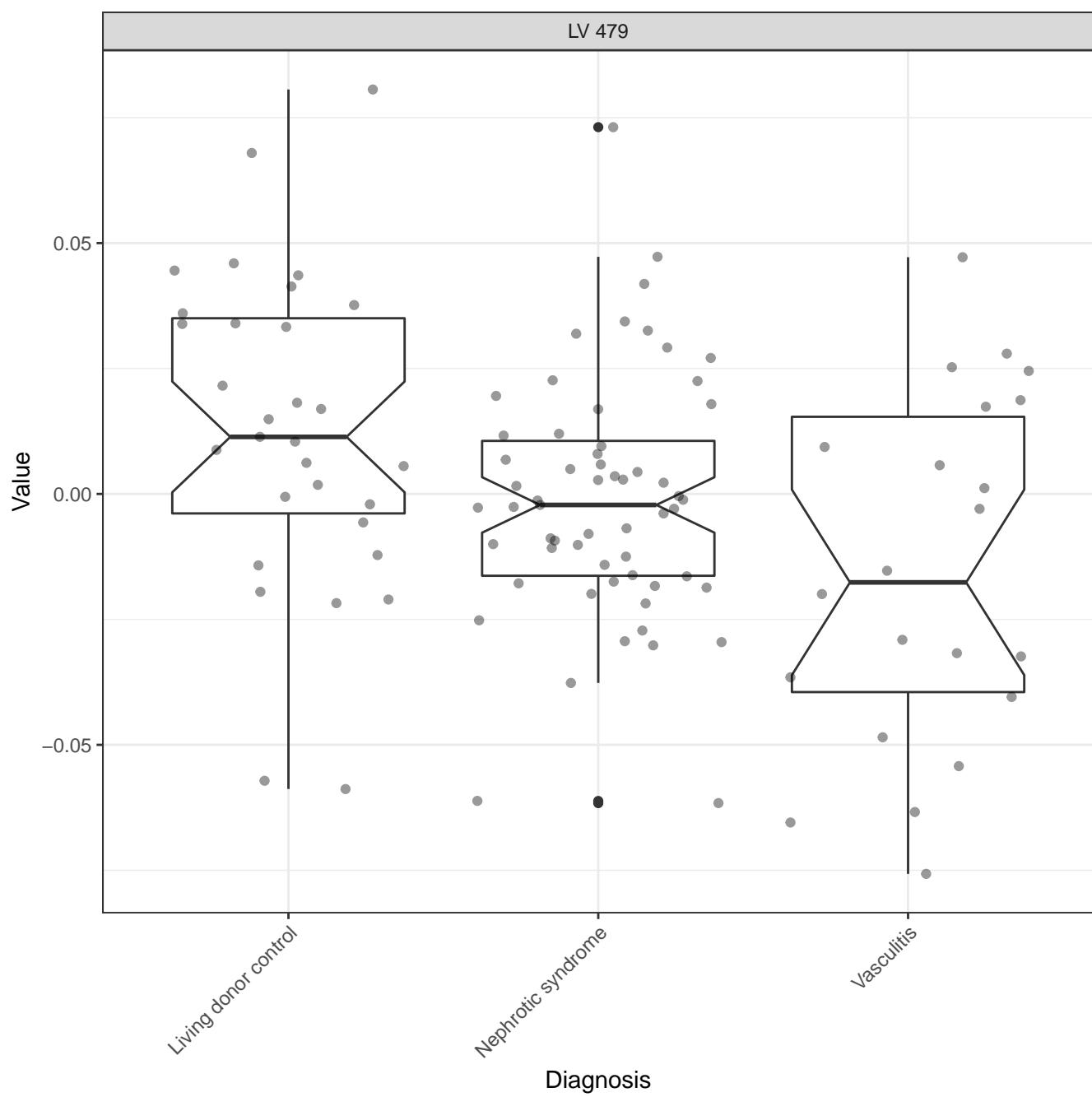
-0.05

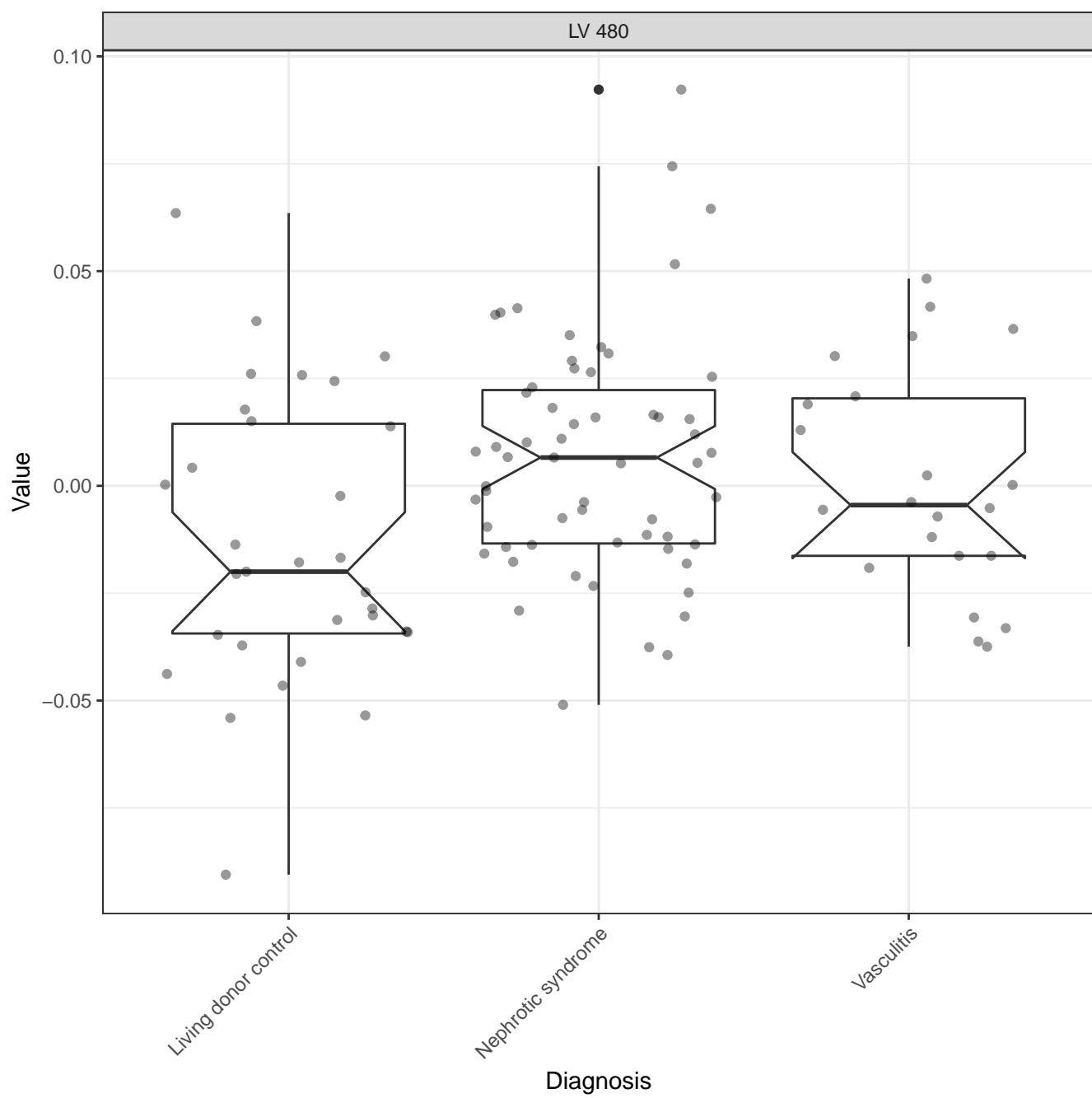
Living donor control

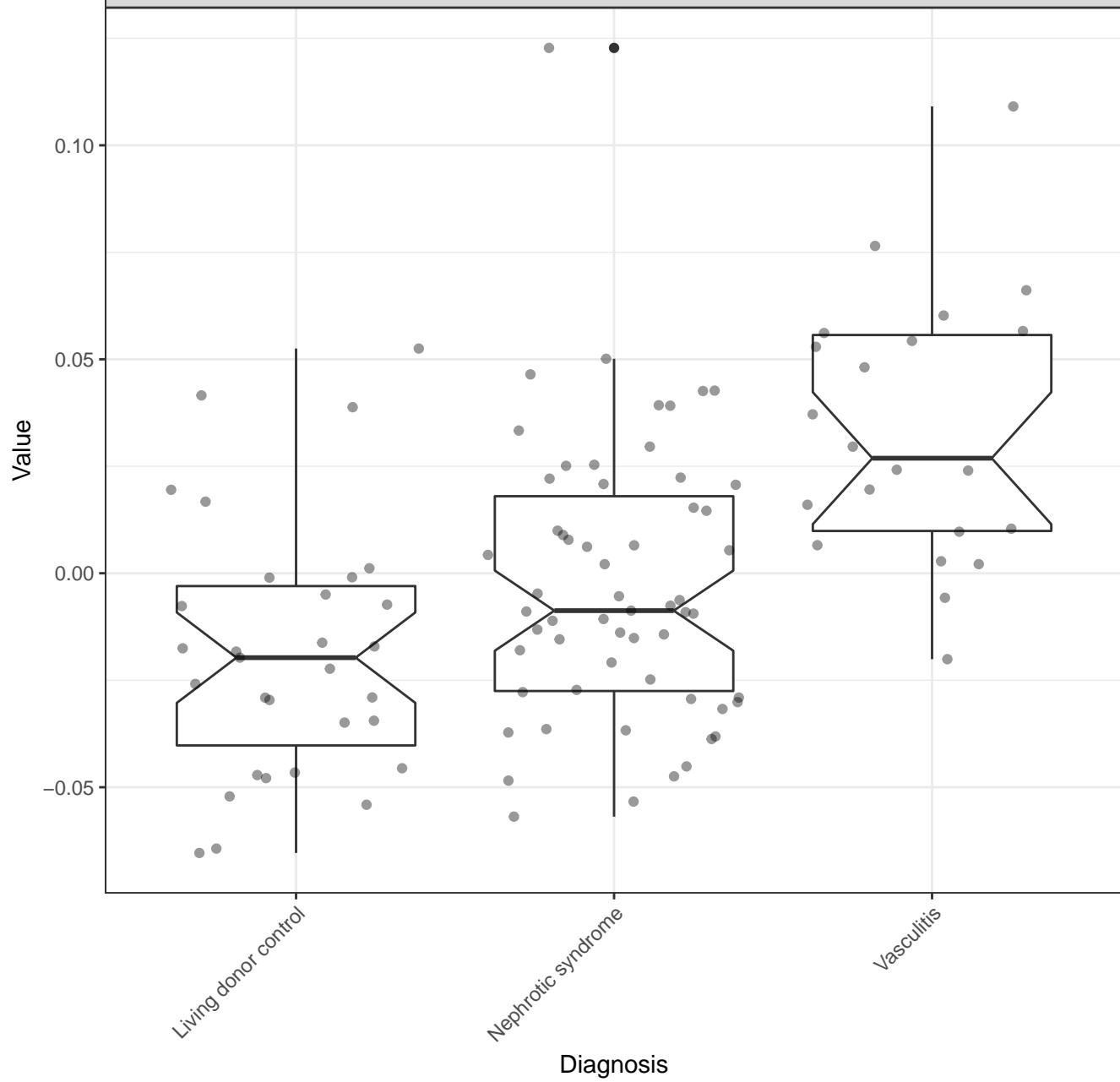
Nephrotic syndrome

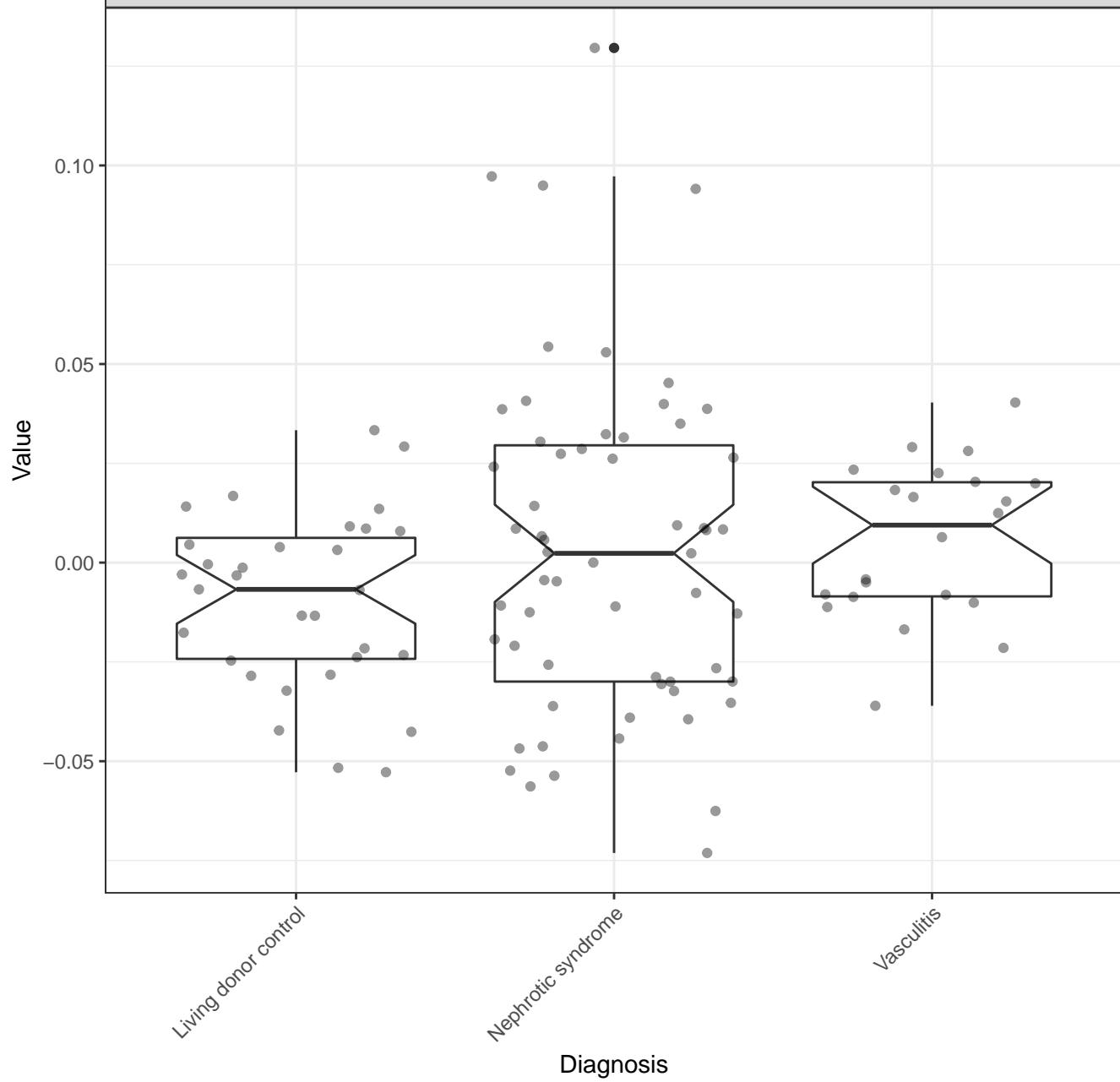
Vasculitis

Diagnosis









Value

0.02

0.00

-0.02

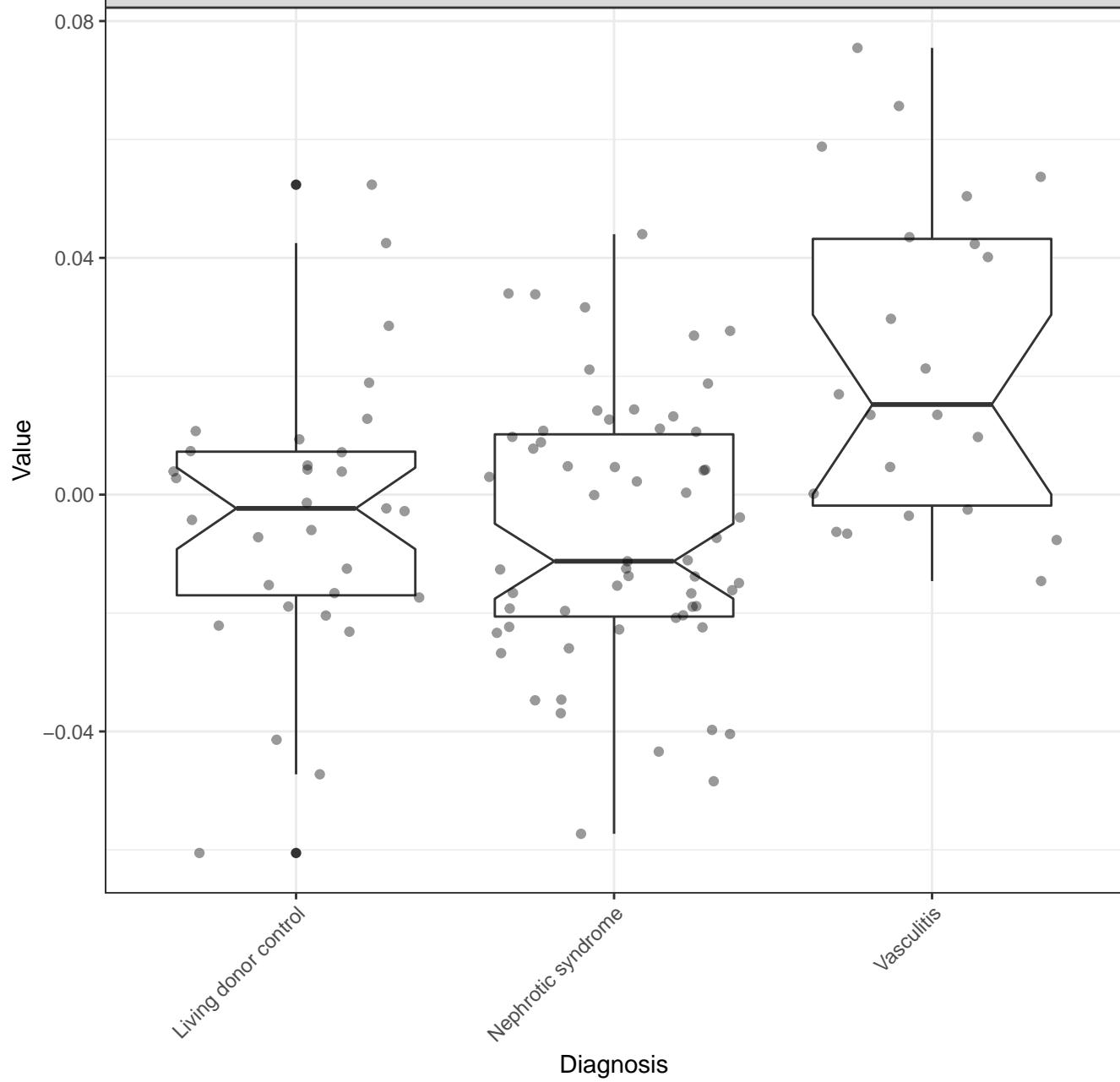
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 484



LV 485

Value

0.05

0.00

-0.05

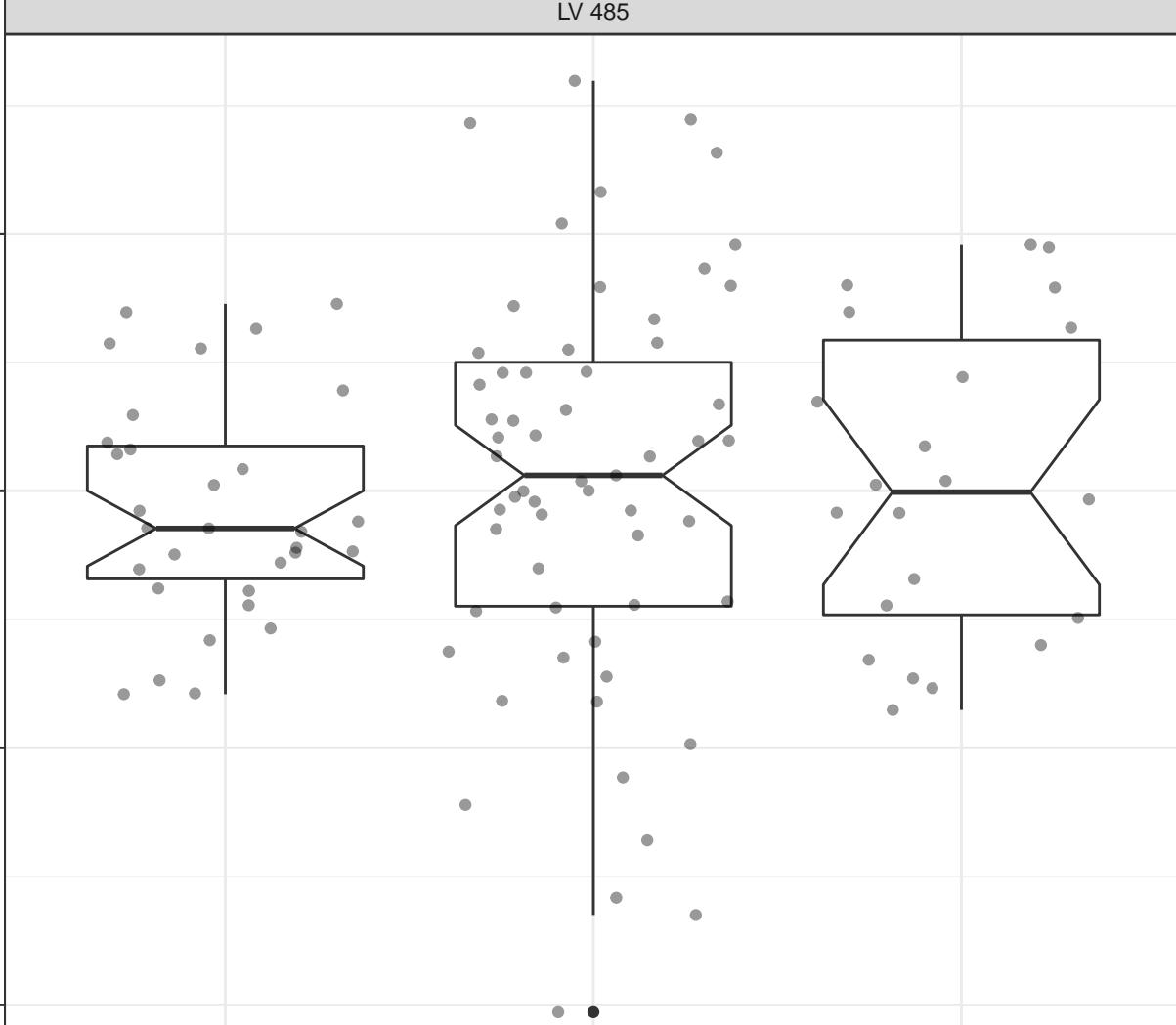
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 486

Value

0.06

0.03

0.01

-0.03

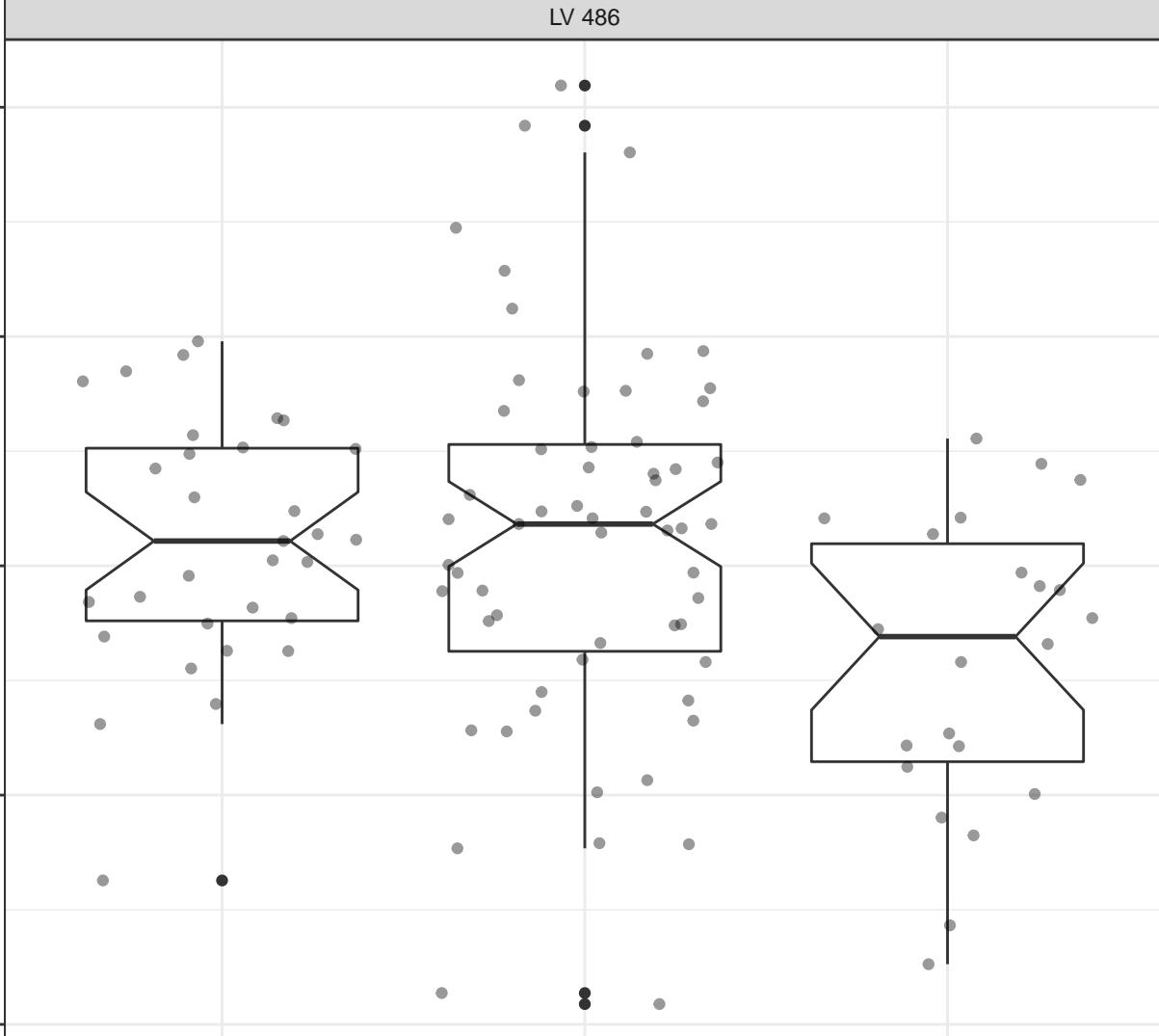
-0.06

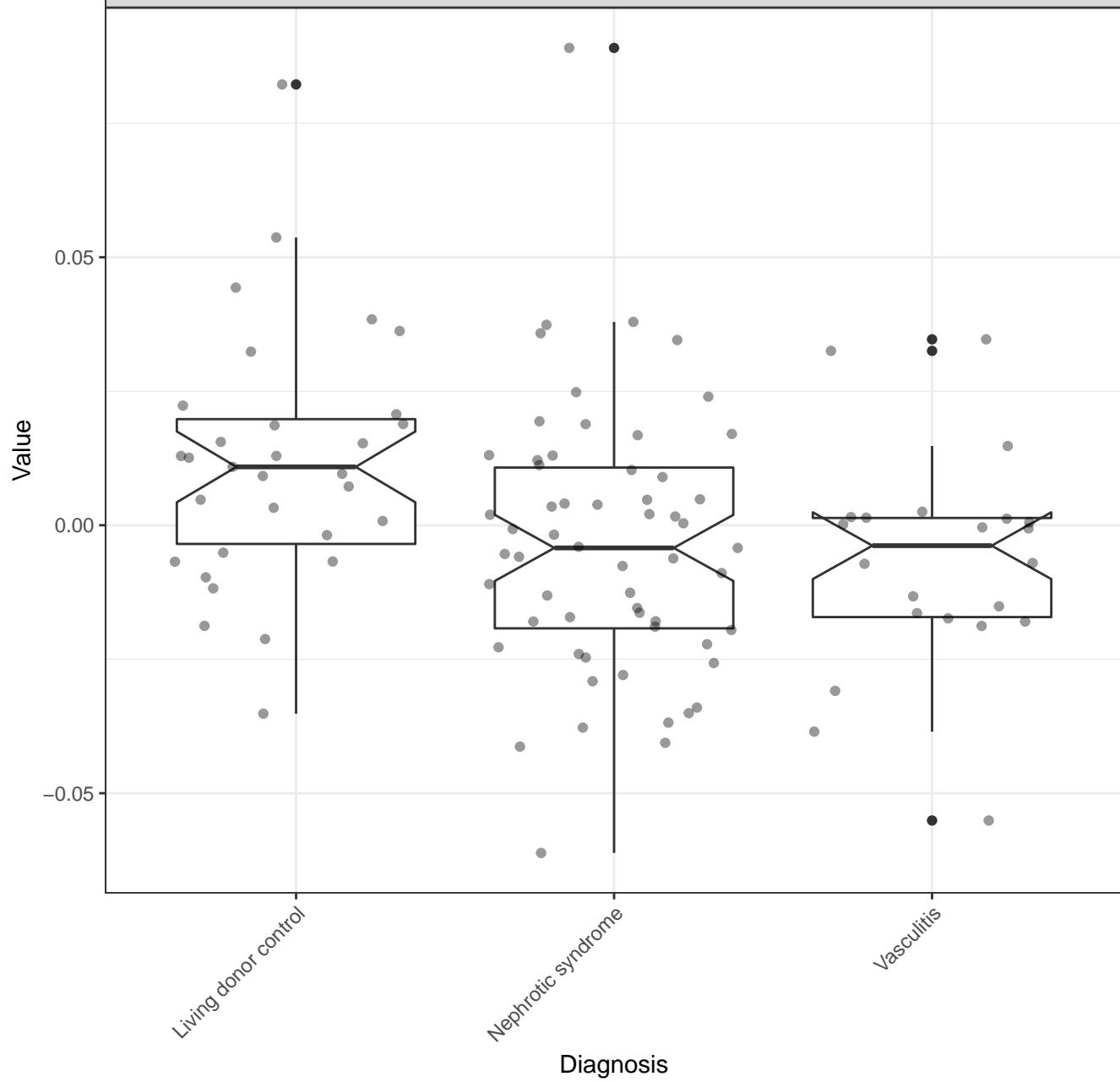
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.05

0.00

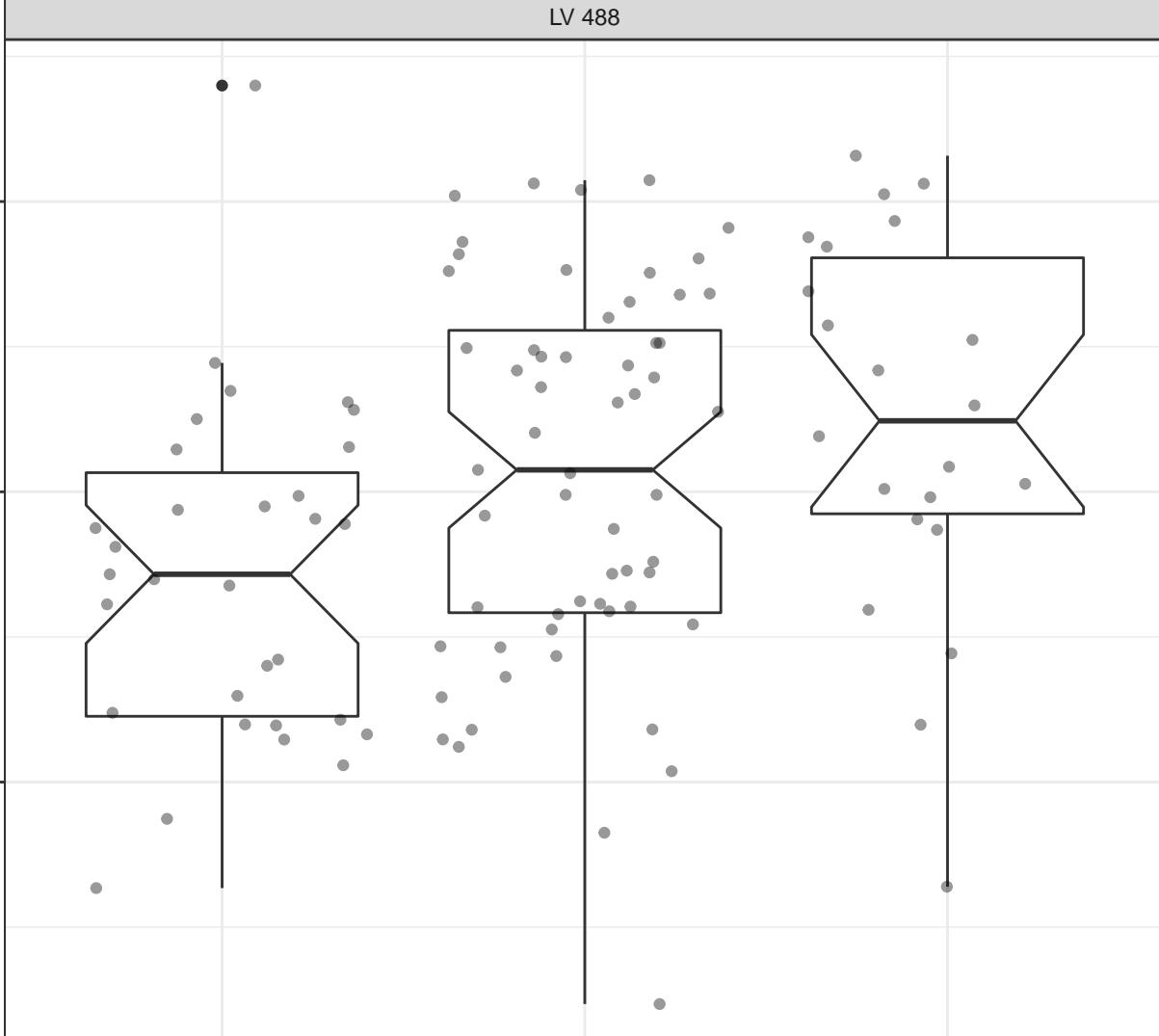
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 489

Value

0.03

0.00

-0.03

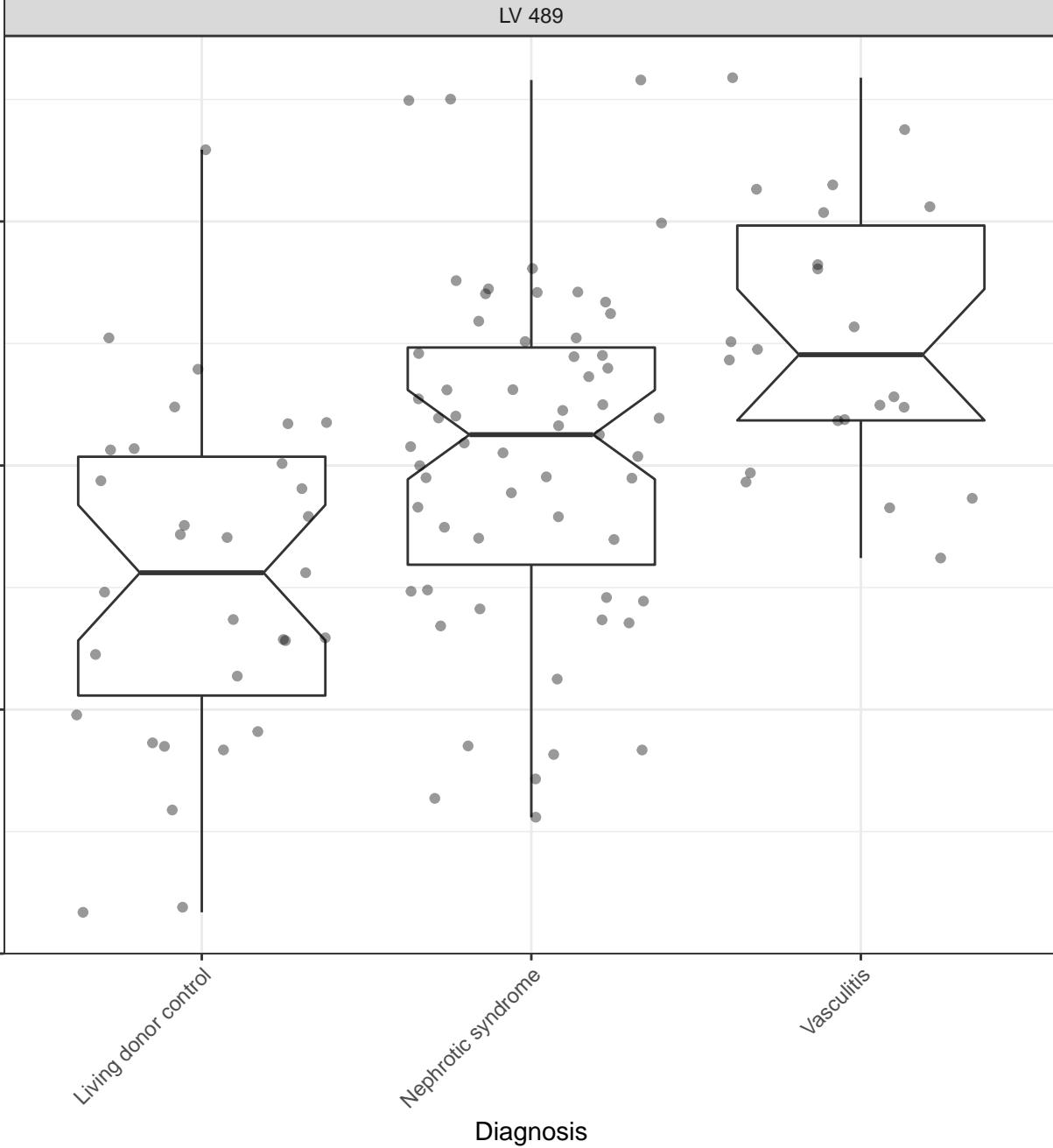
-0.06

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## LV 490

Value

0.05

0.00

-0.05

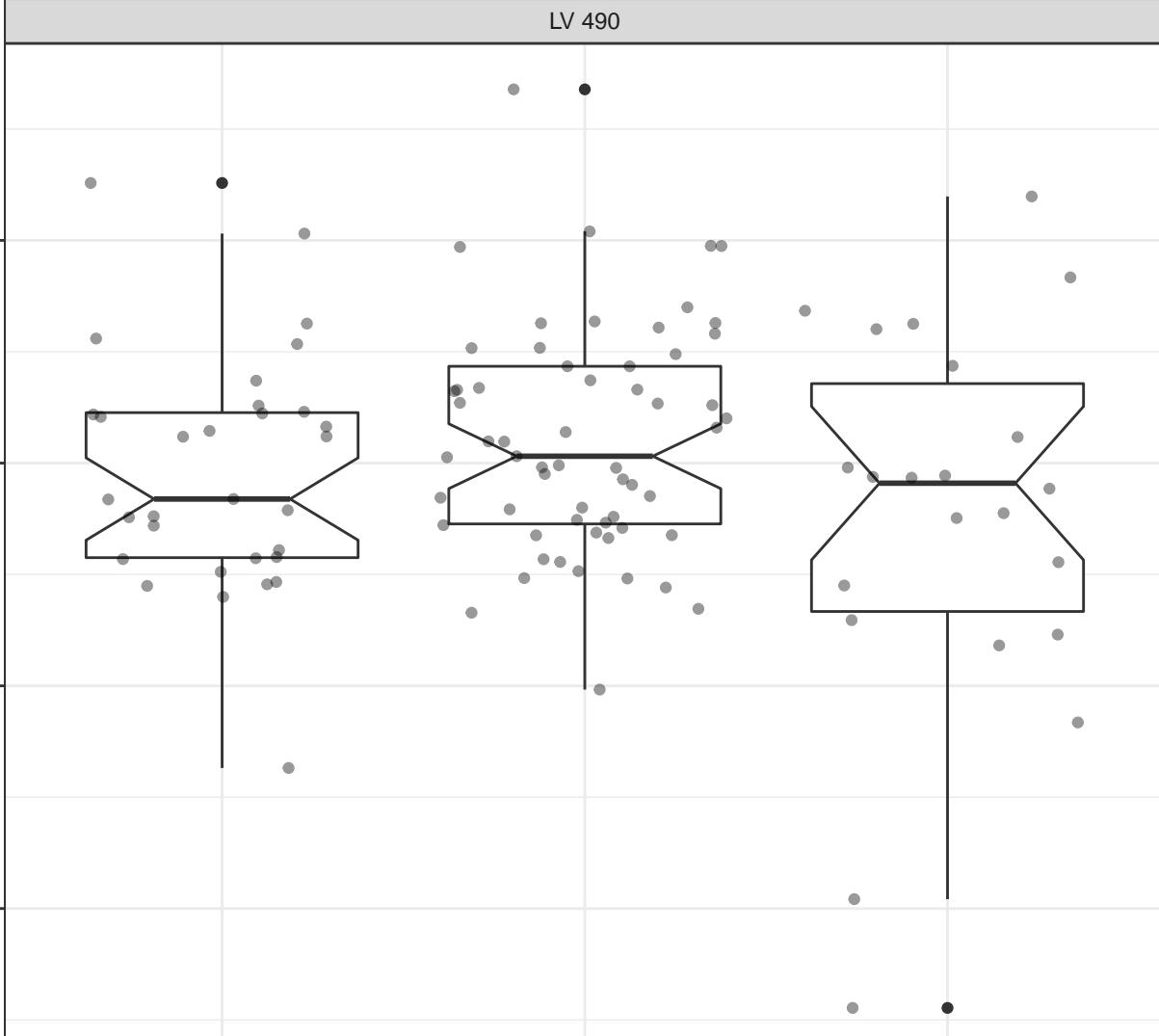
-0.10

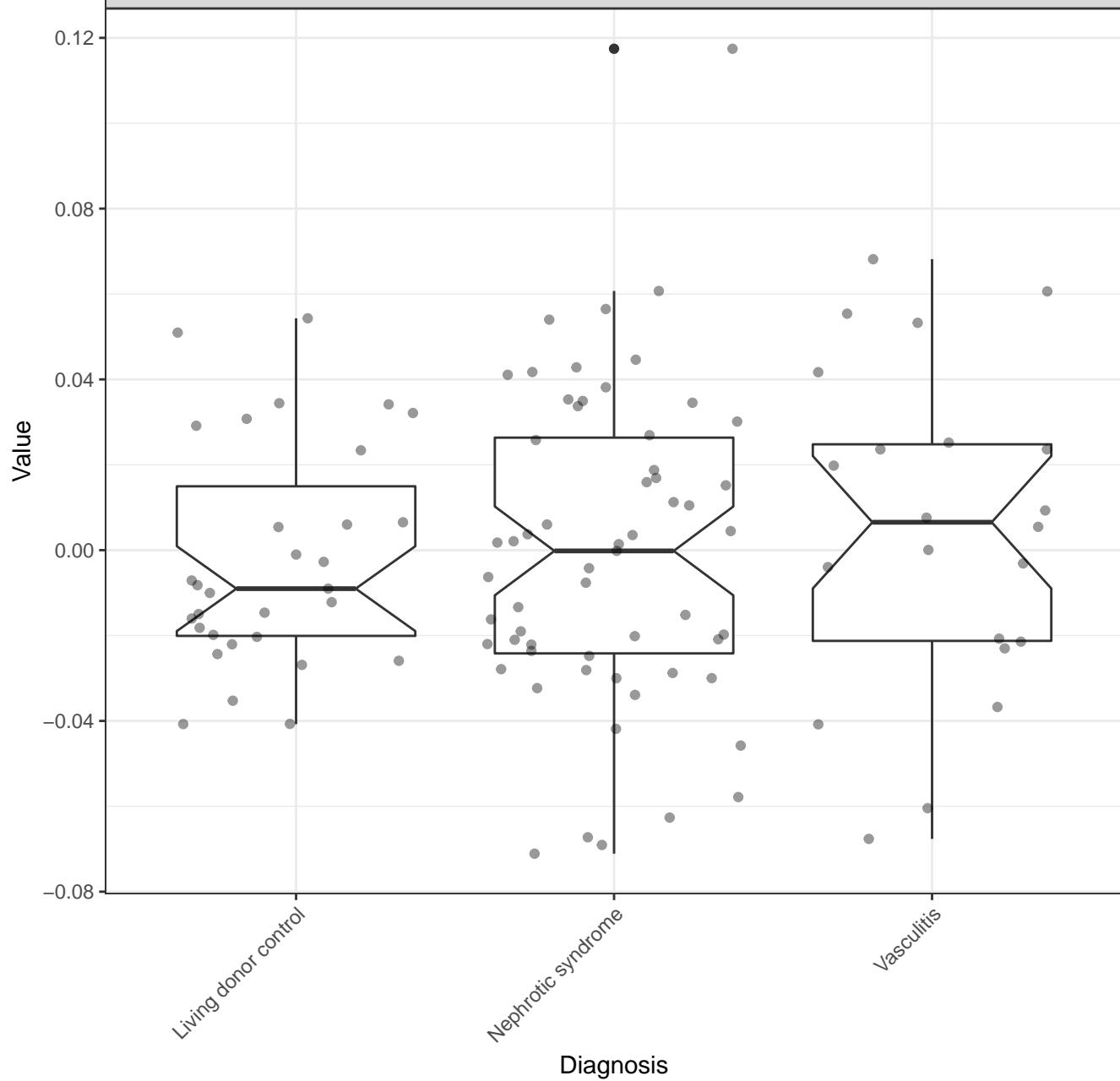
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 492

Value

0.05

0.00

-0.05

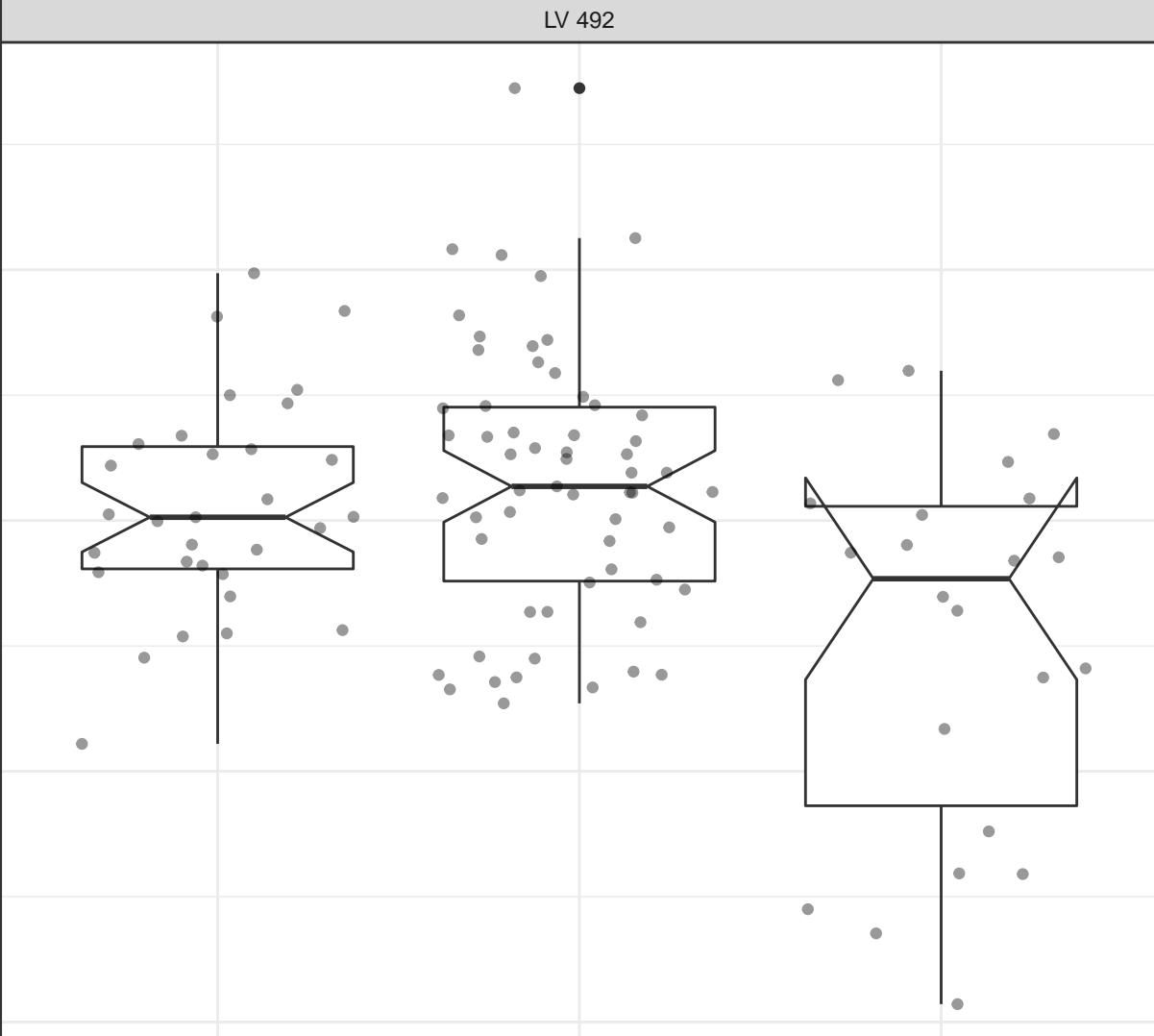
-0.10

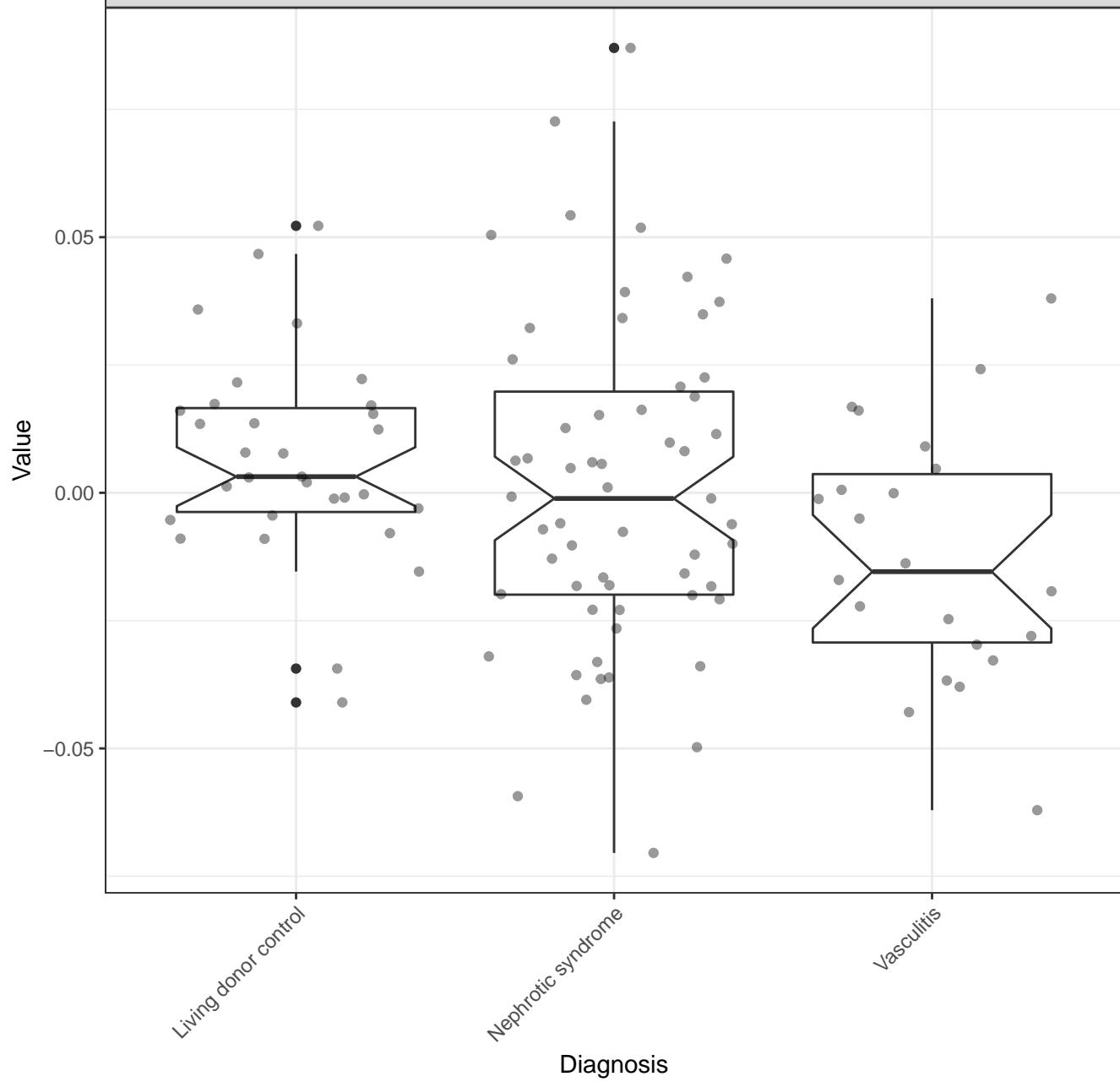
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 494

Value

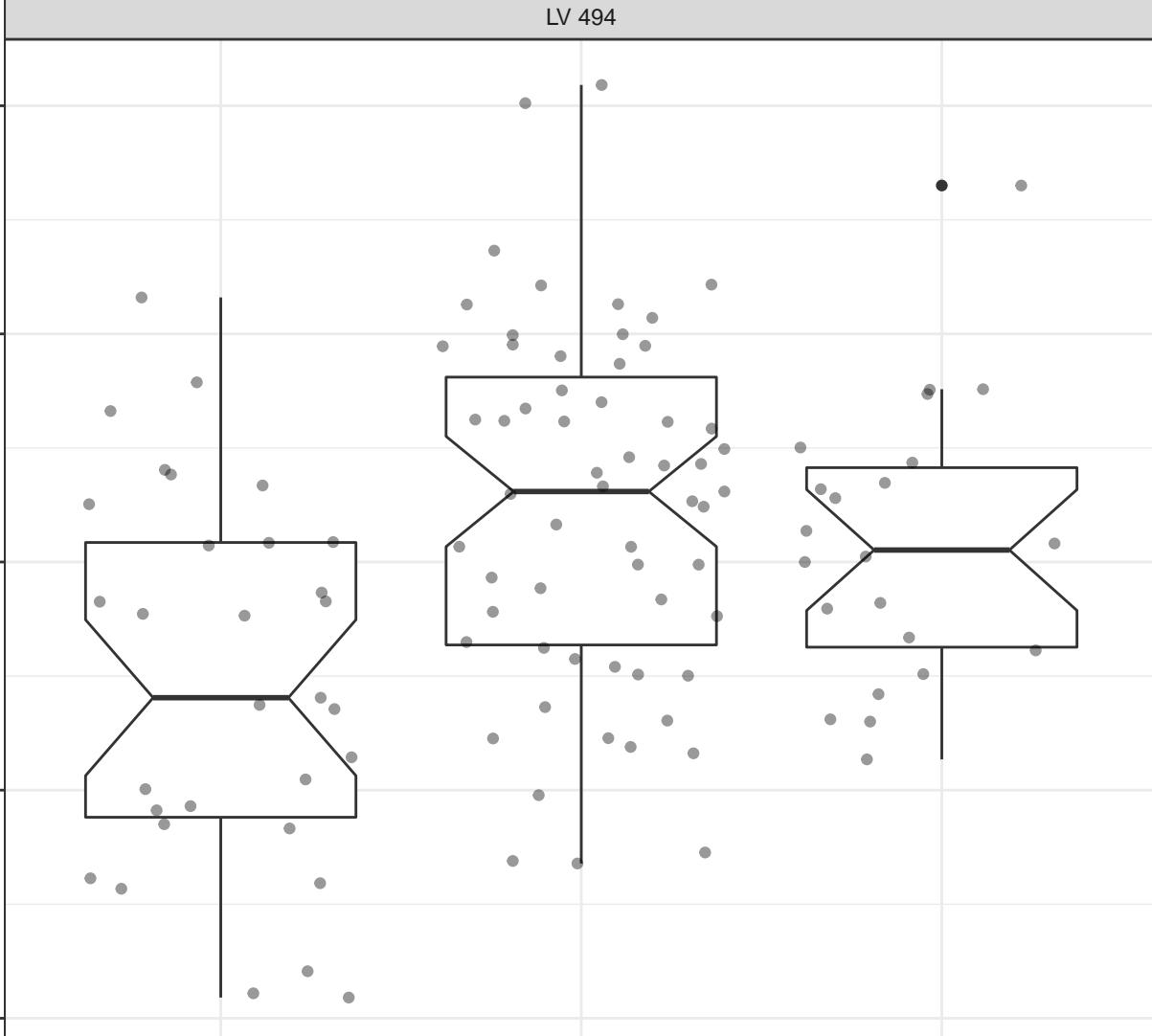
0.06  
0.03  
0.00  
-0.03  
-0.06

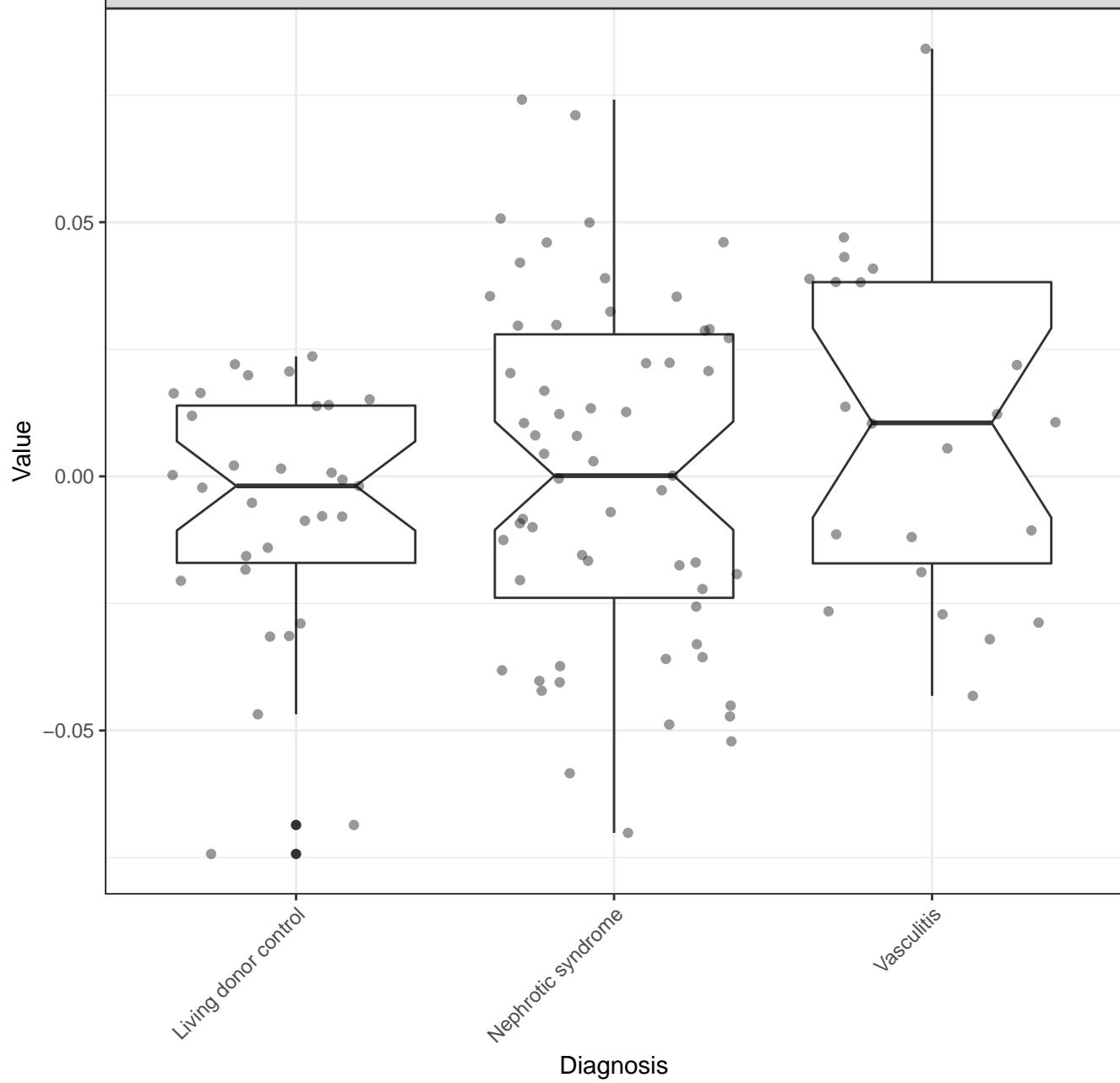
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.05

0.00

-0.05

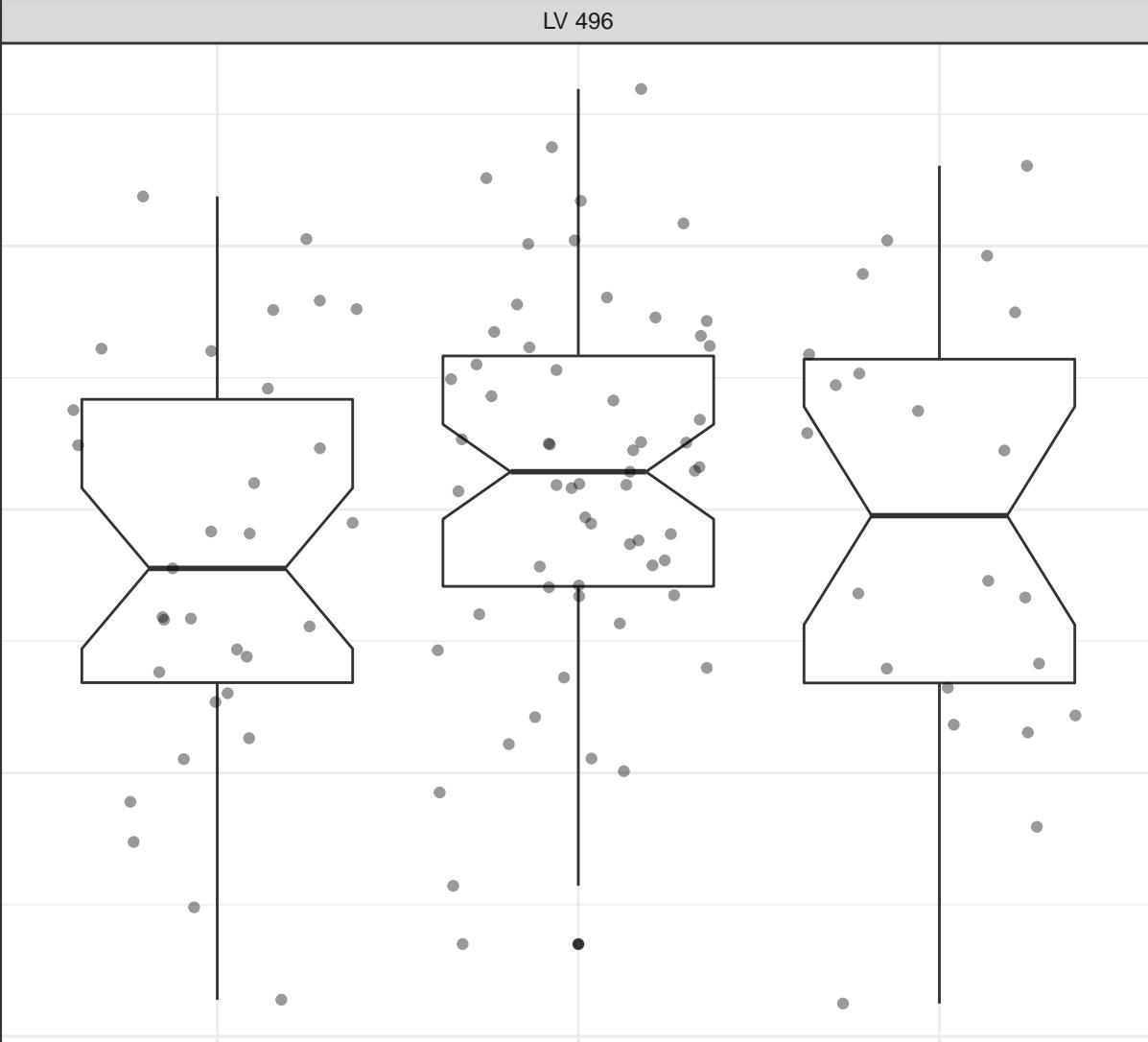
-0.10

Living donor control

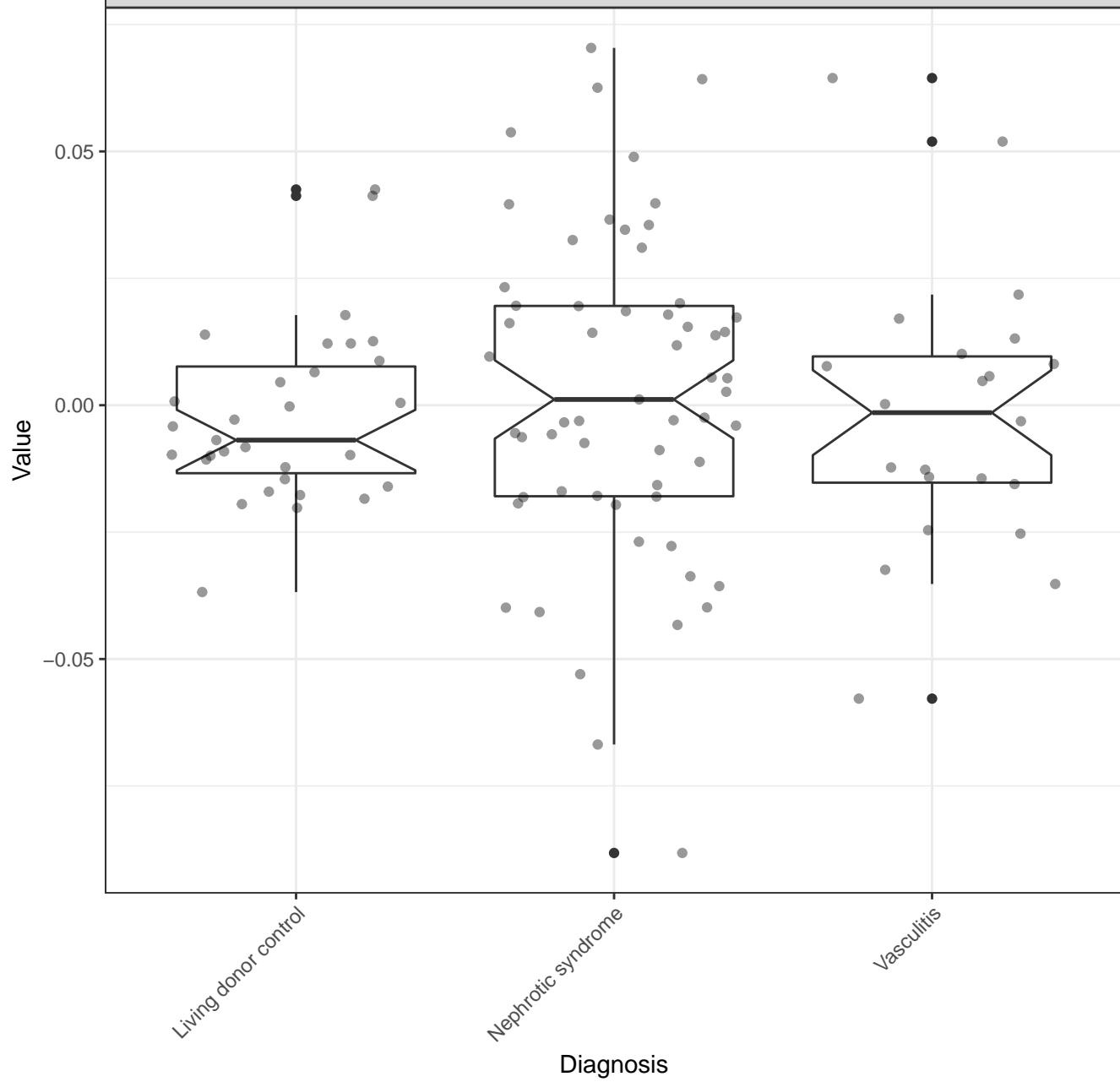
Nephrotic syndrome

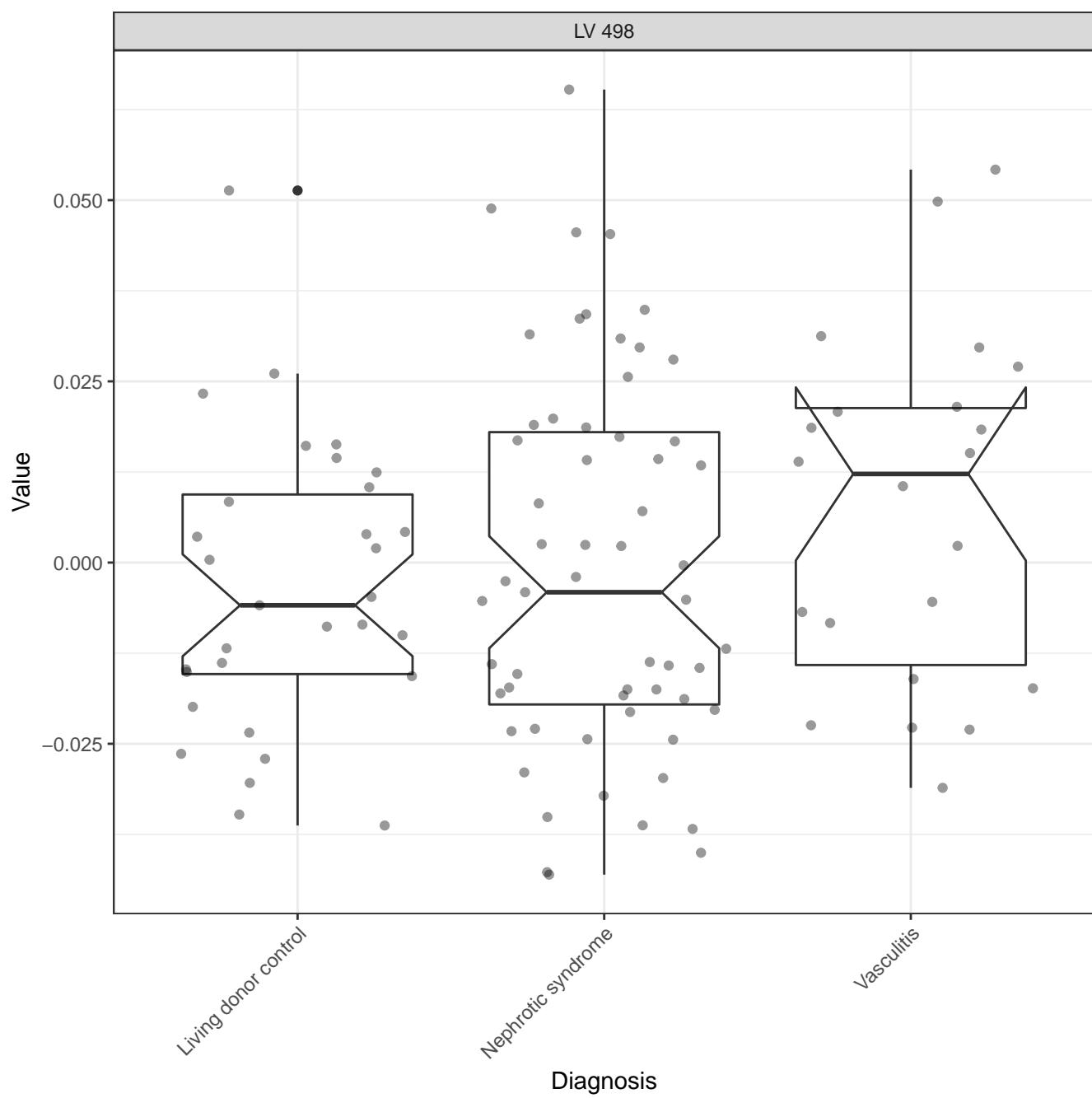
Vasculitis

Diagnosis

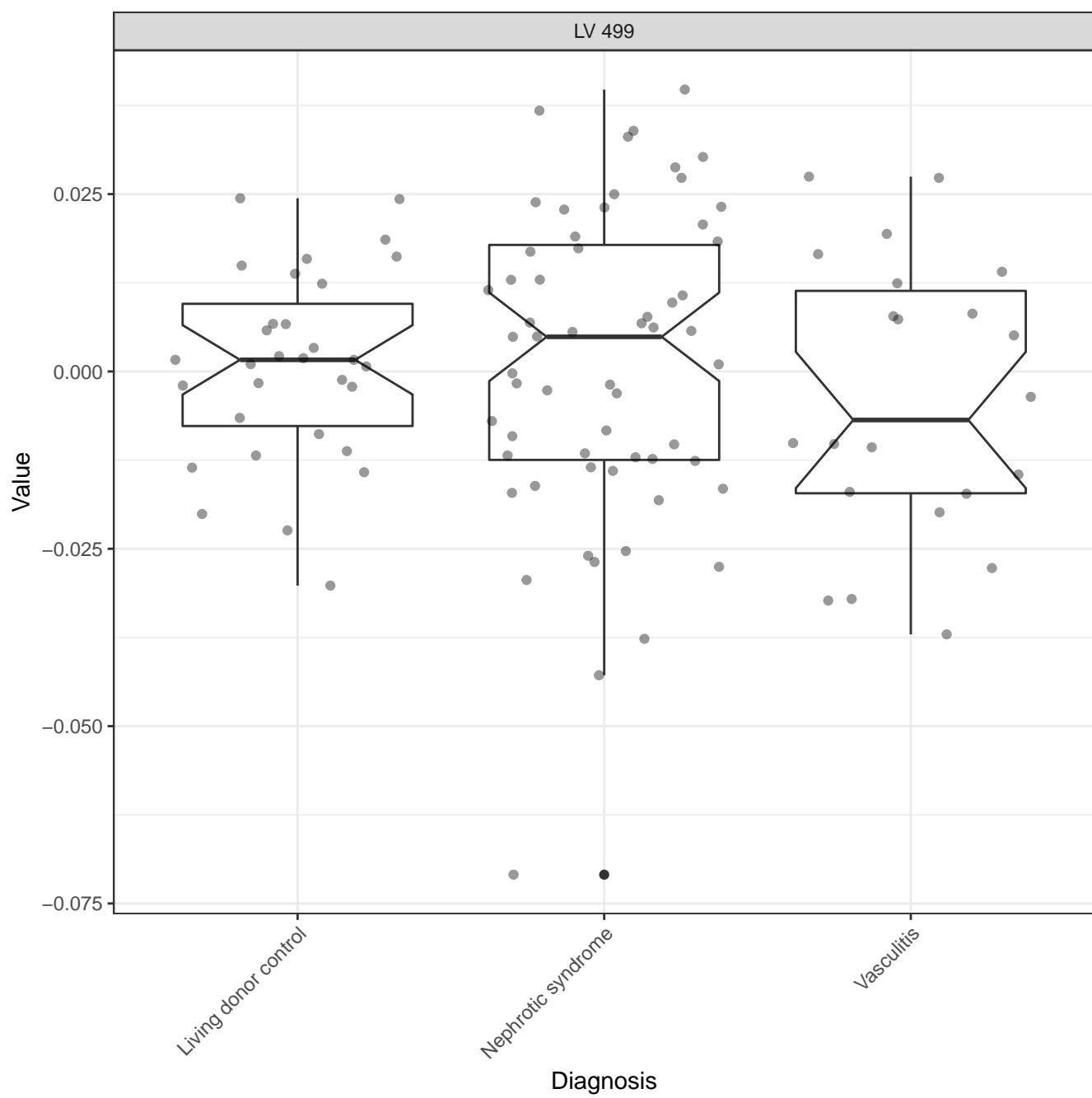


LV 497





LV 499



Value

0.05

0.00

-0.05

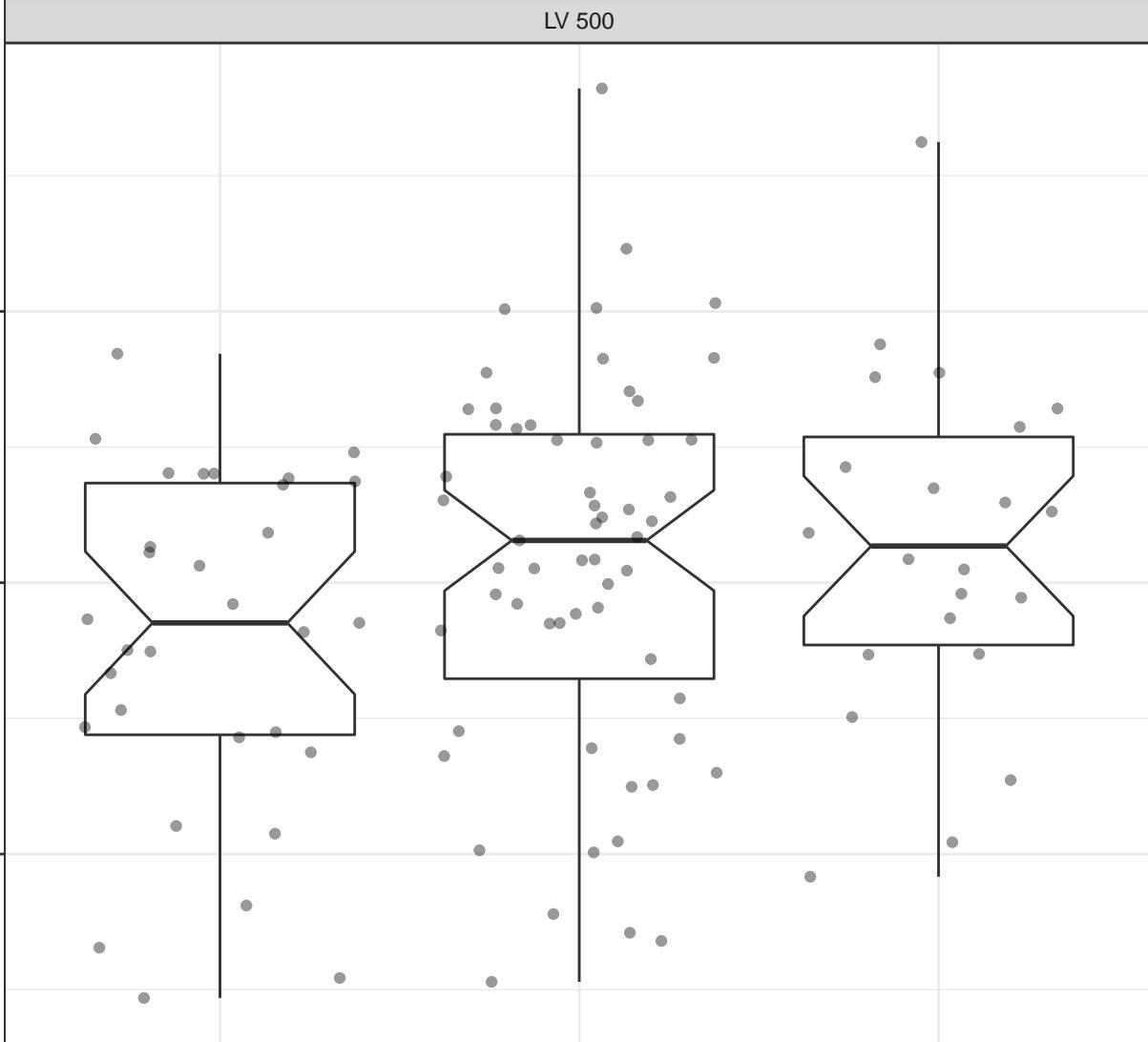
-

Living donor control

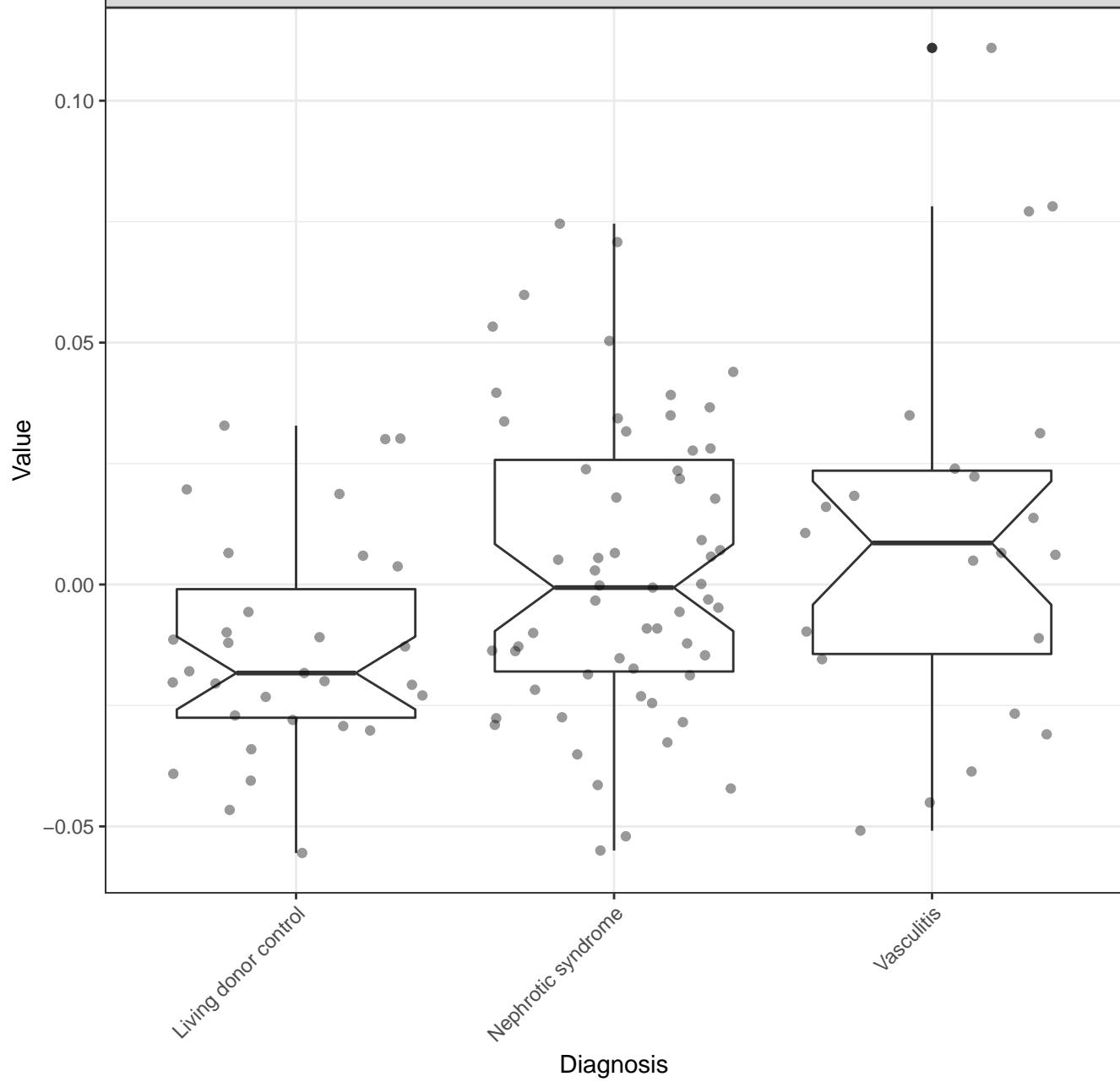
Nephrotic syndrome

Vasculitis

Diagnosis



### 501,SVM NK cells activated



## LV 502

Value

0.05

0.01

-0.05

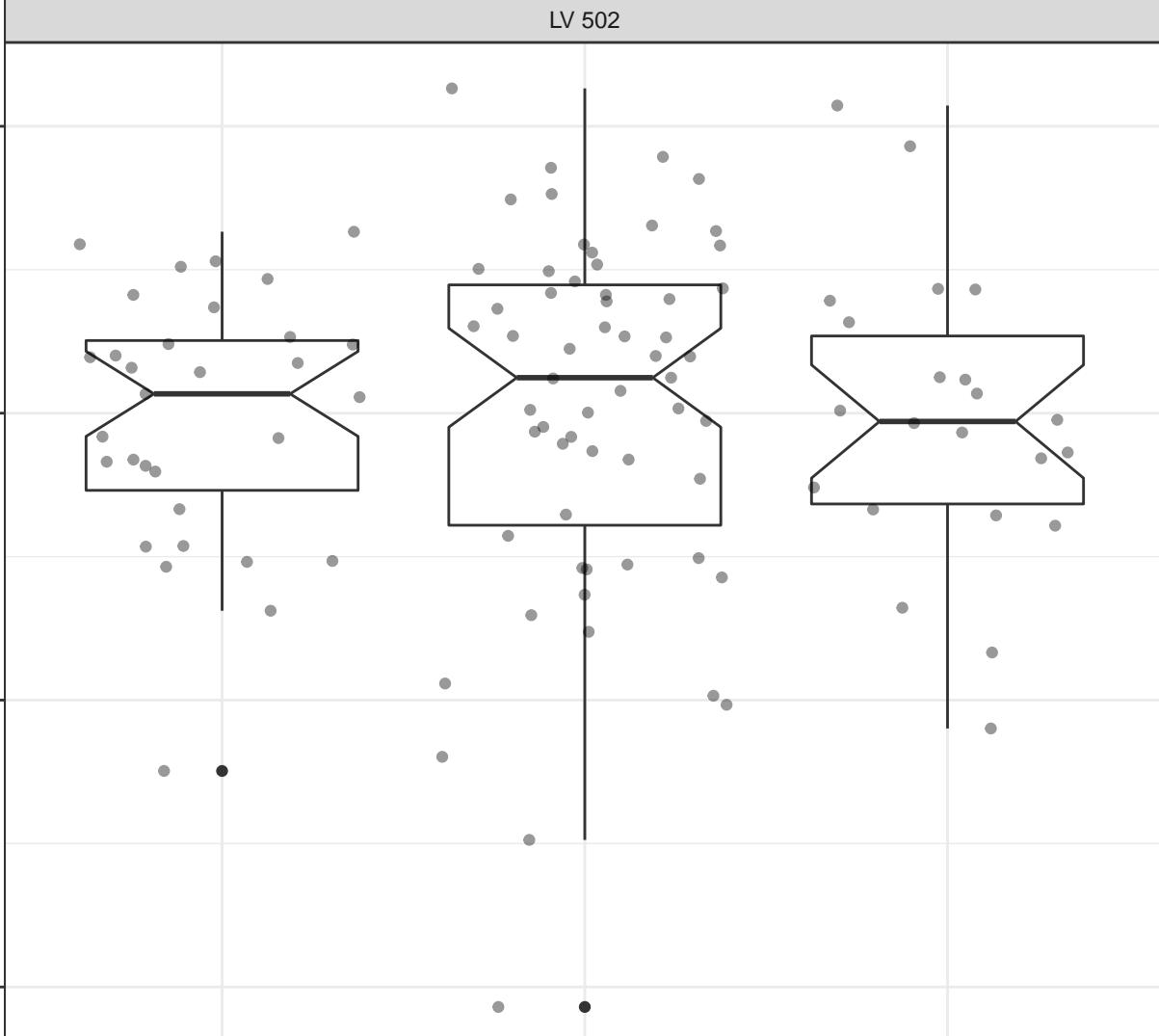
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

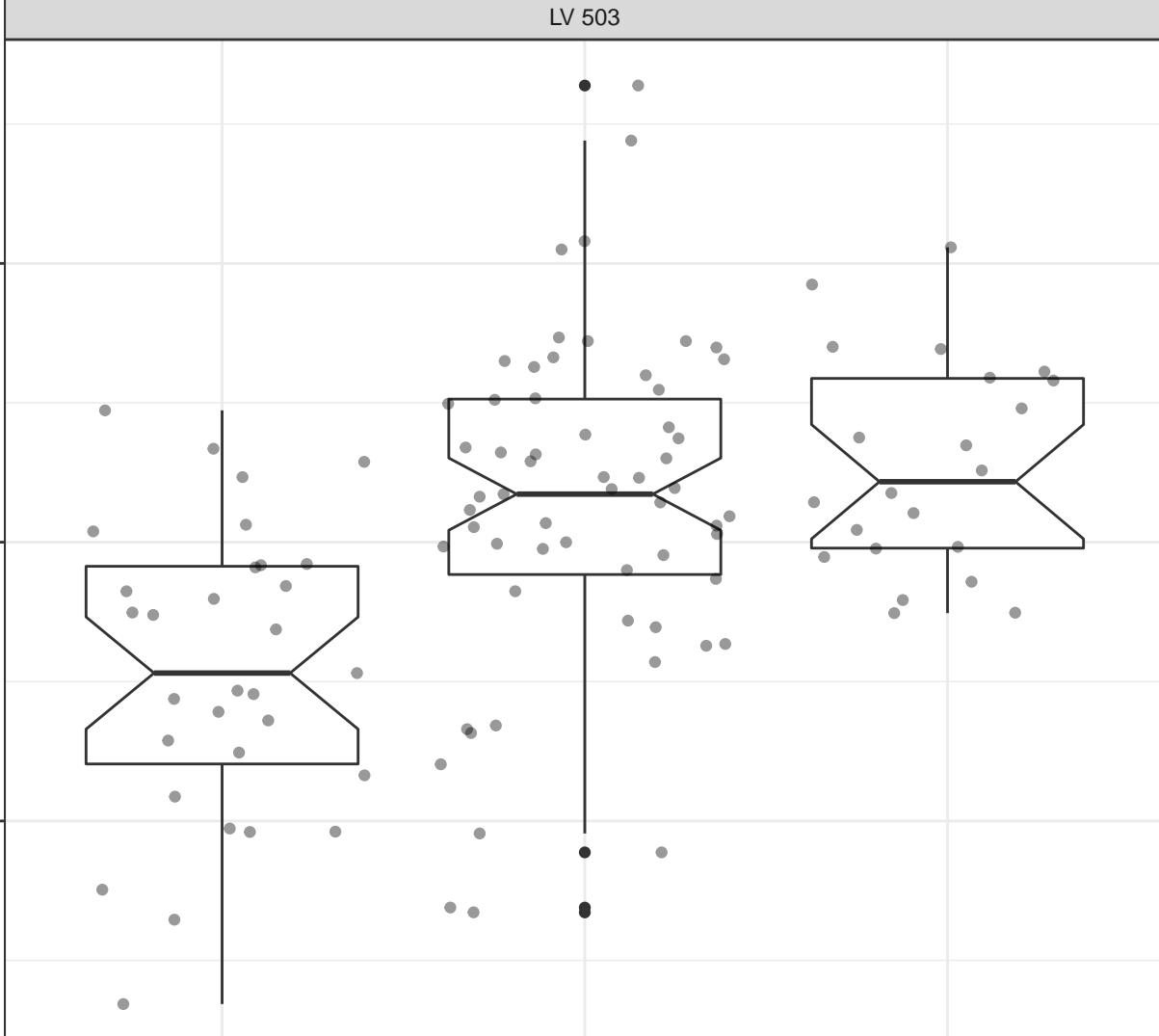
-0.05

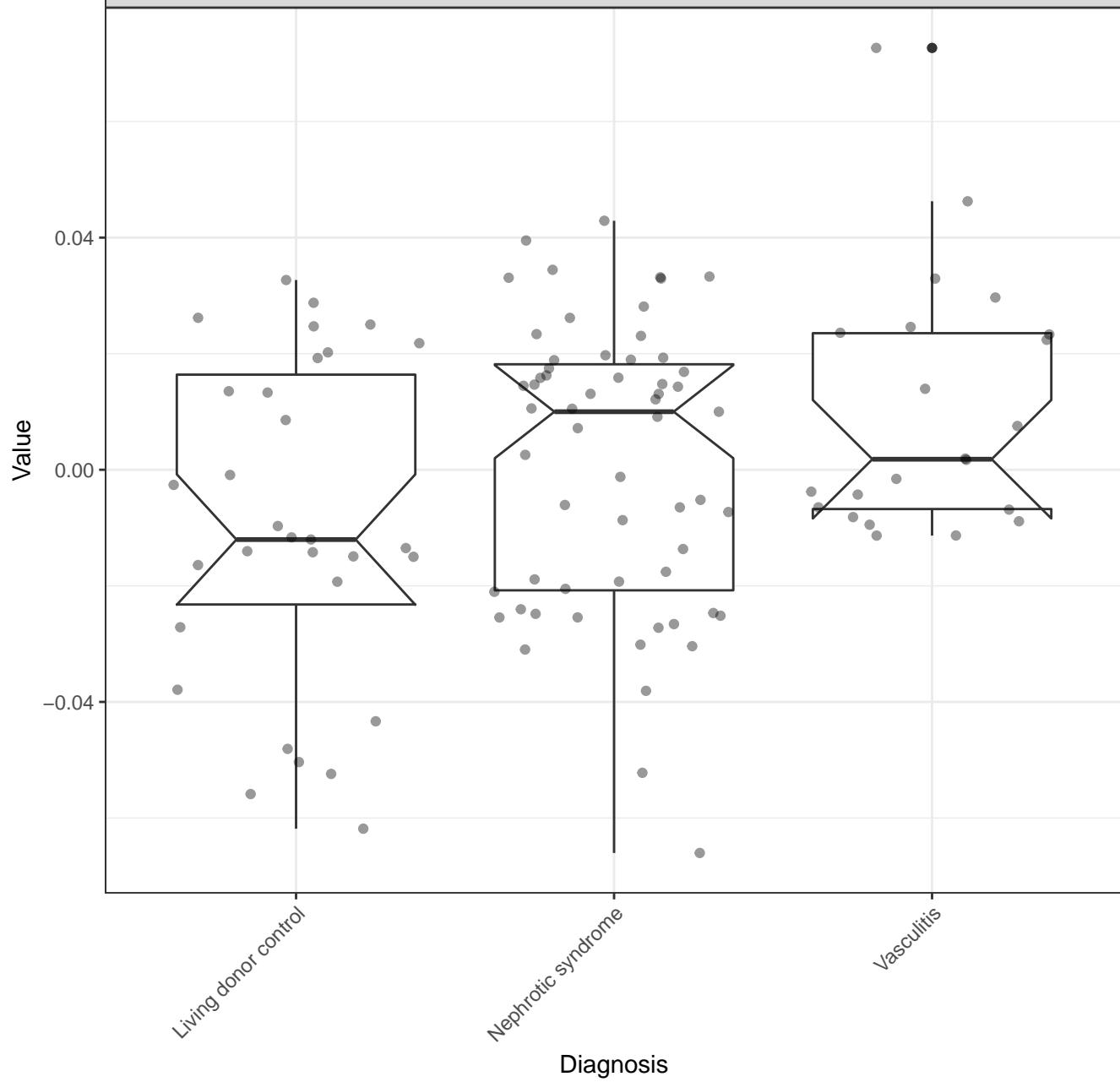
Living donor control

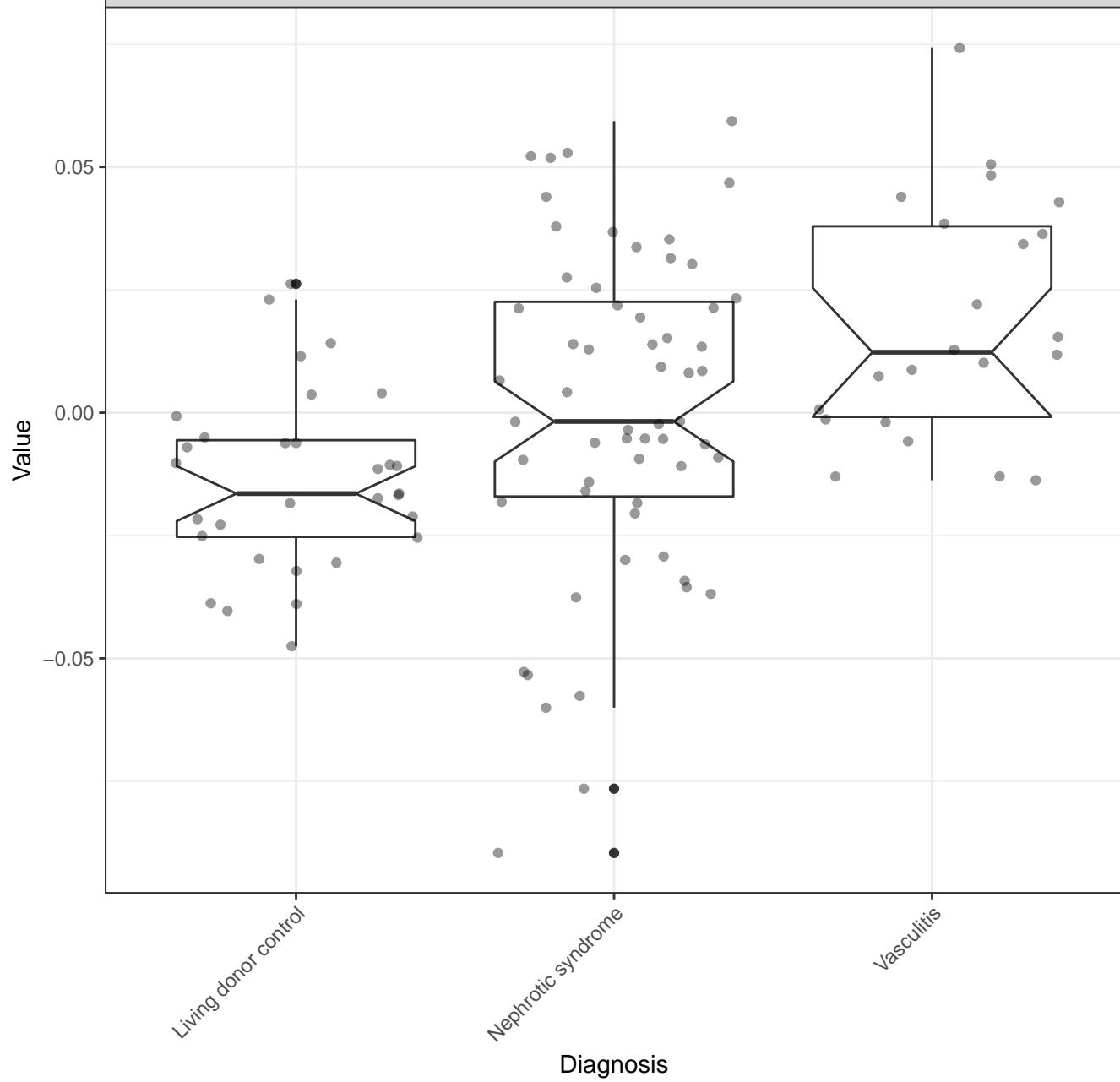
Nephrotic syndrome

Vasculitis

Diagnosis







LV 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

Value

0.04

0.00

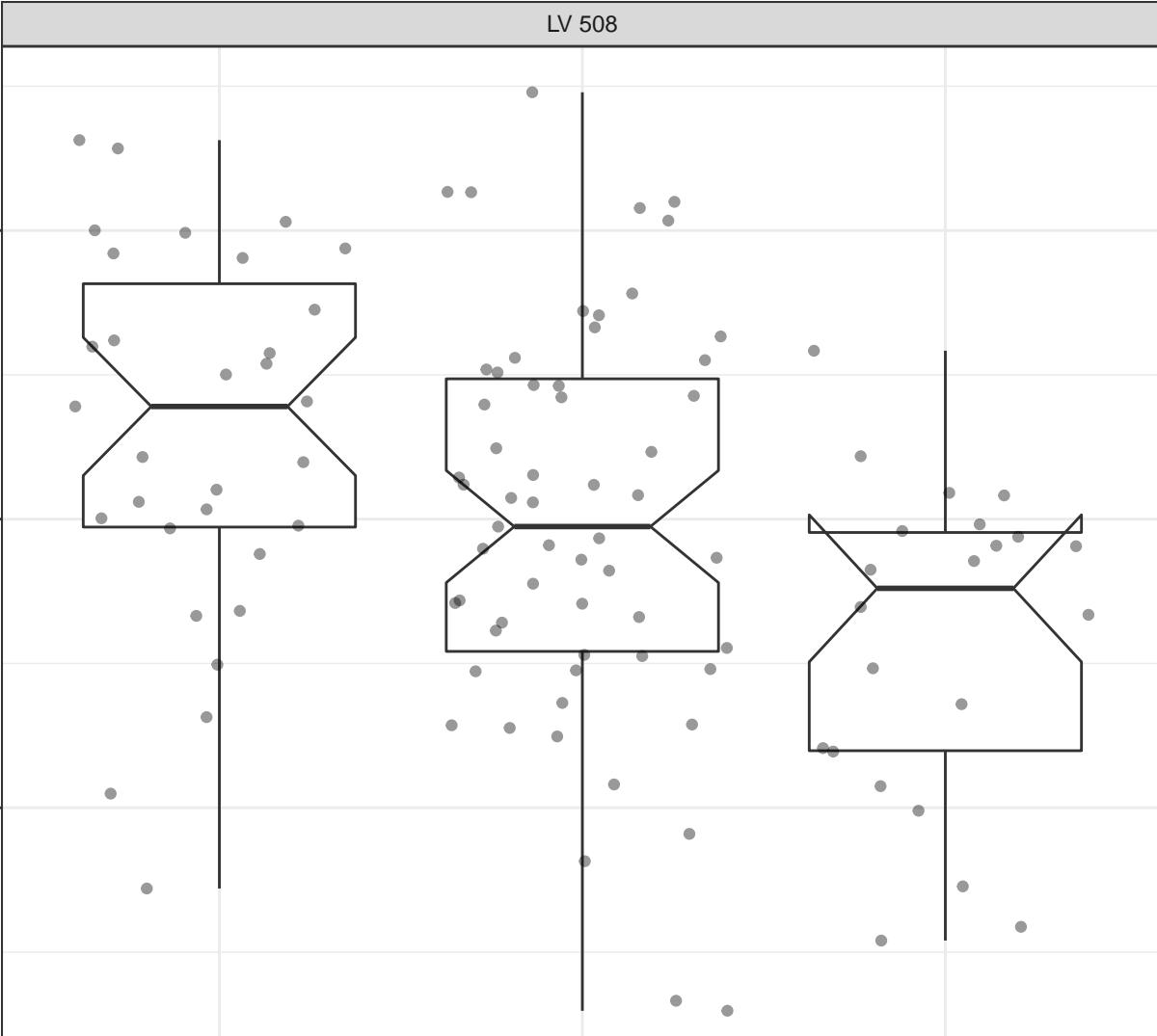
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

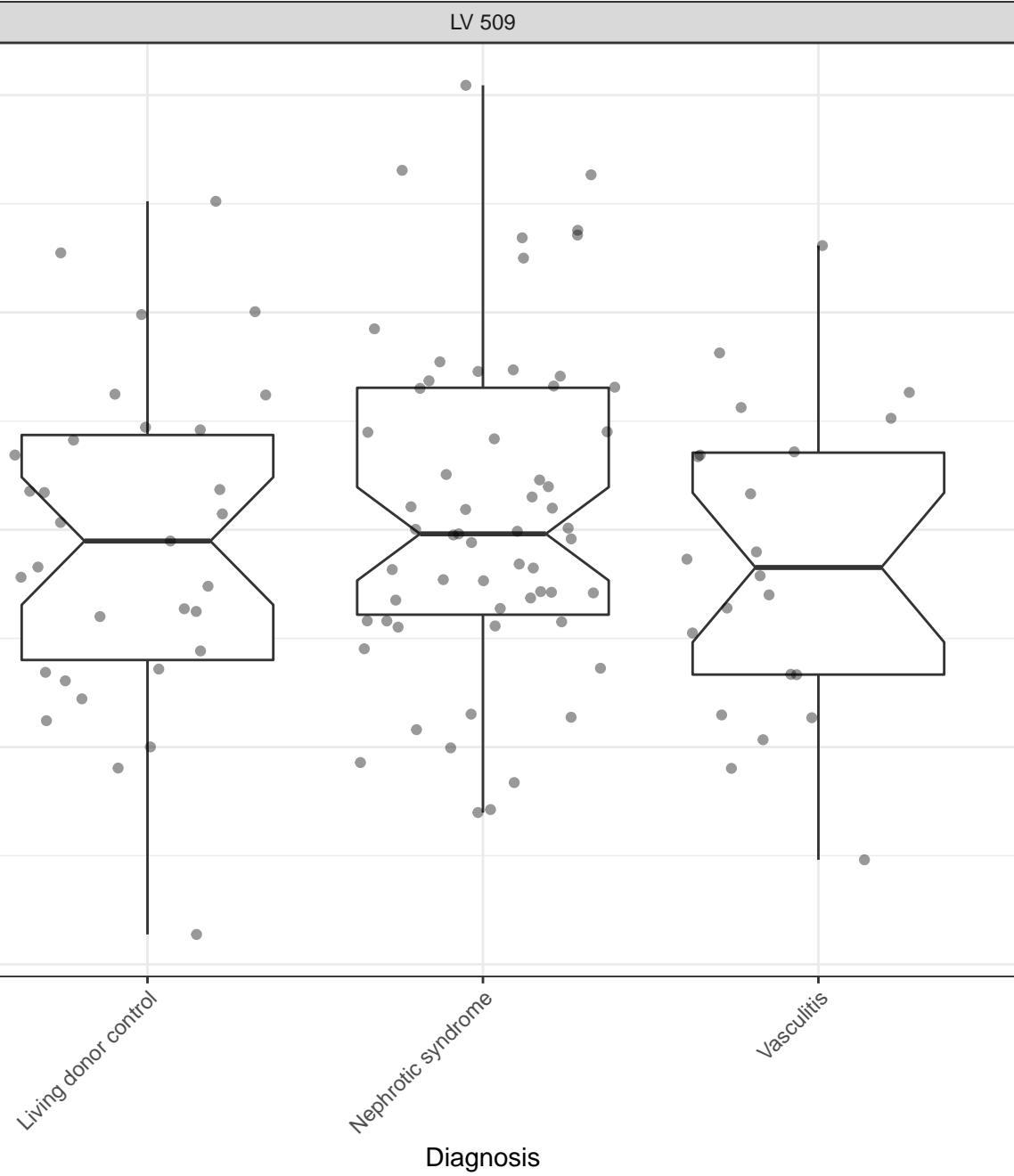
0.10  
0.05  
0.00  
-0.05  
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 510

Value

0.04

0.00

-0.04

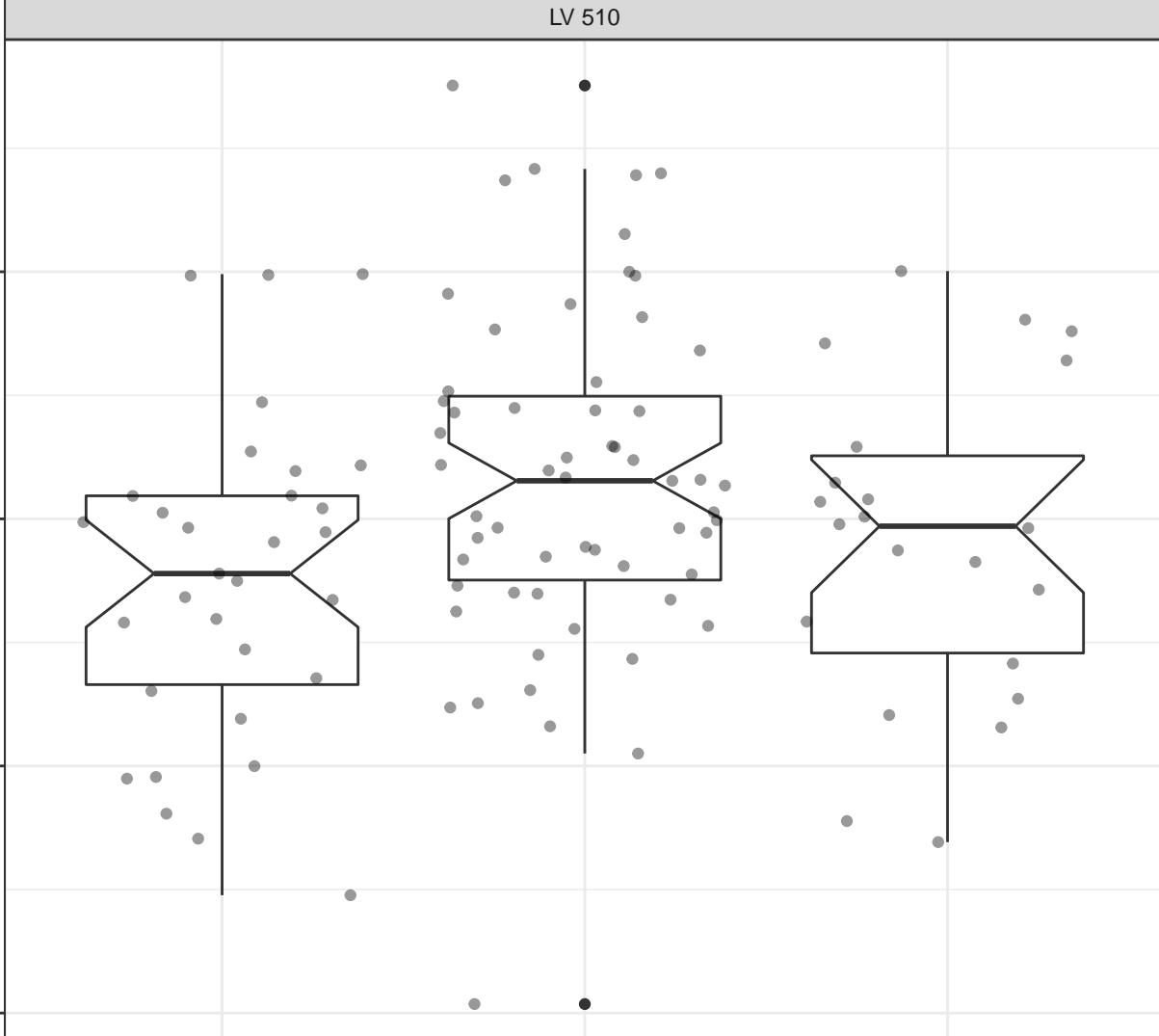
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 511

Value

0.06

0.03

0.00

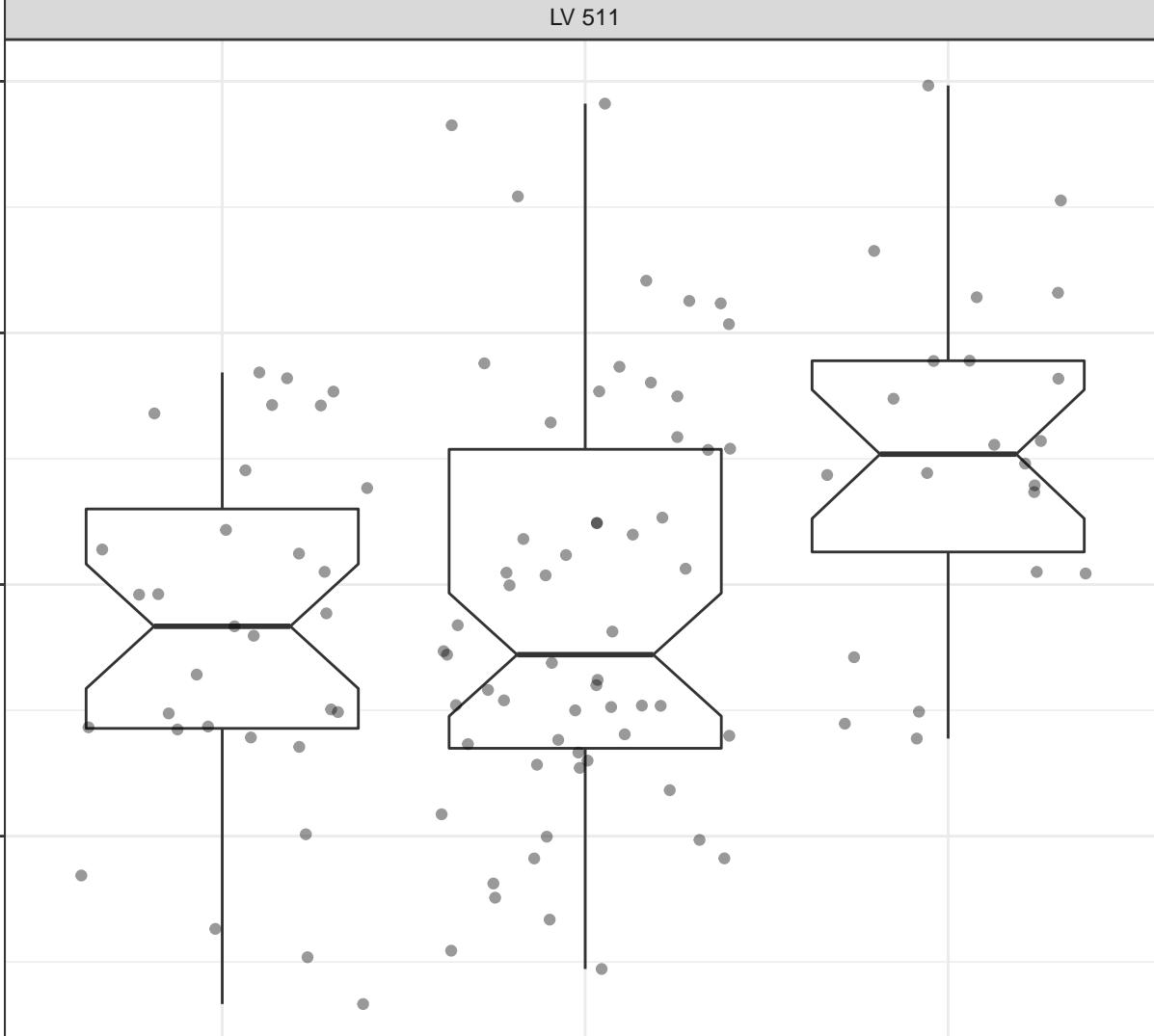
-0.03

Living donor control

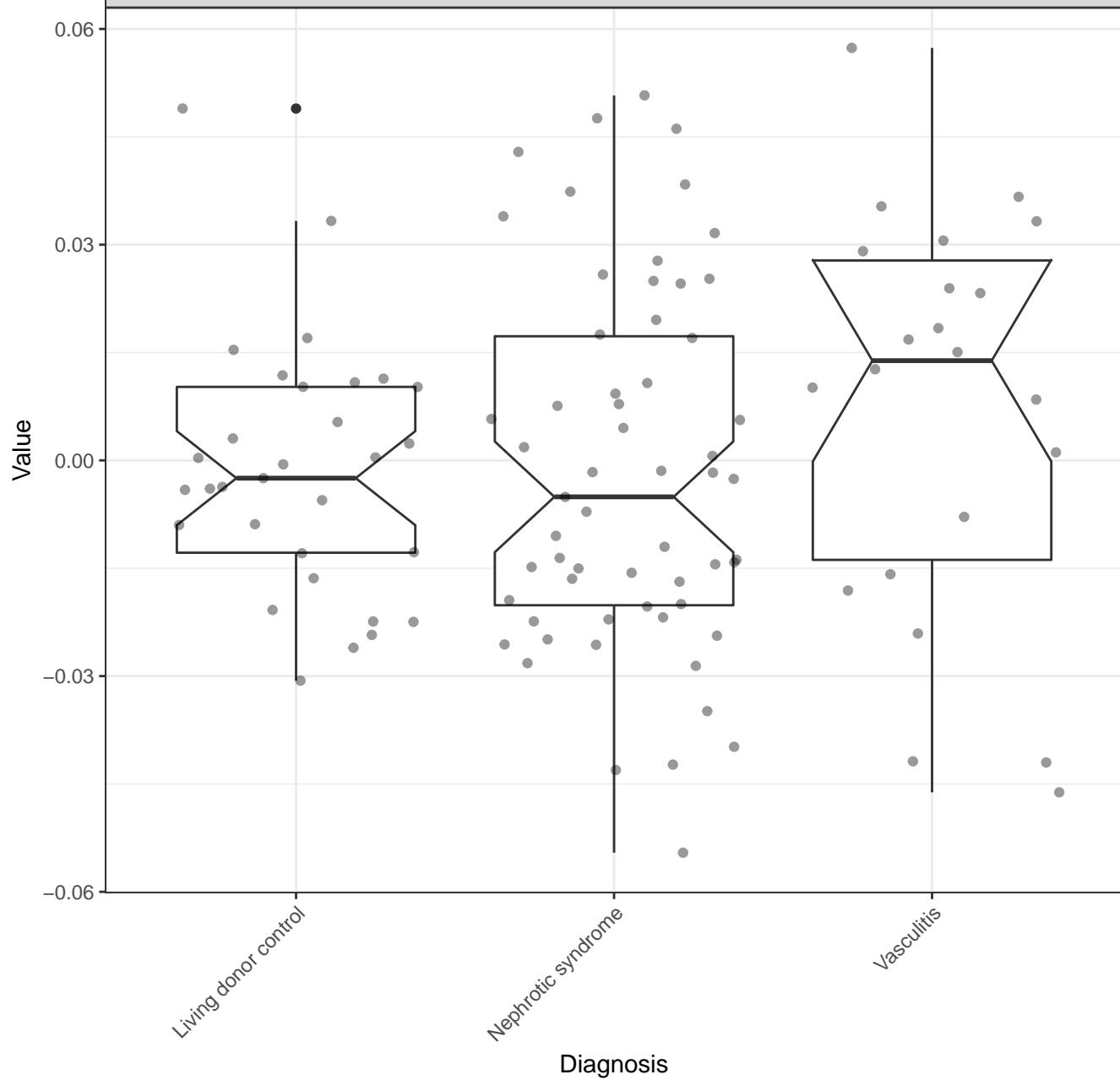
Nephrotic syndrome

Vasculitis

Diagnosis



LV 512



LV 513

Value

0.05

0.00

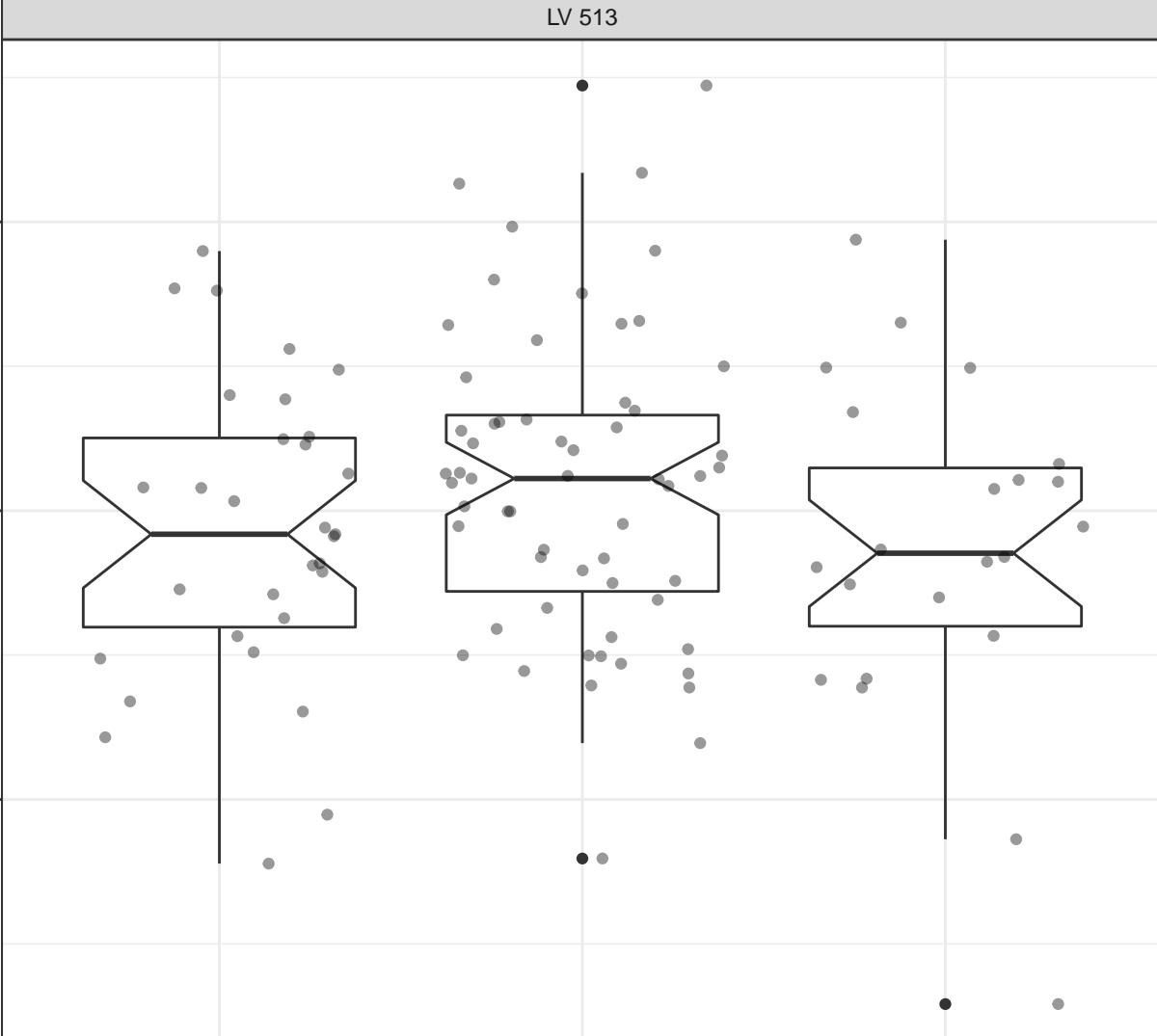
-0.05

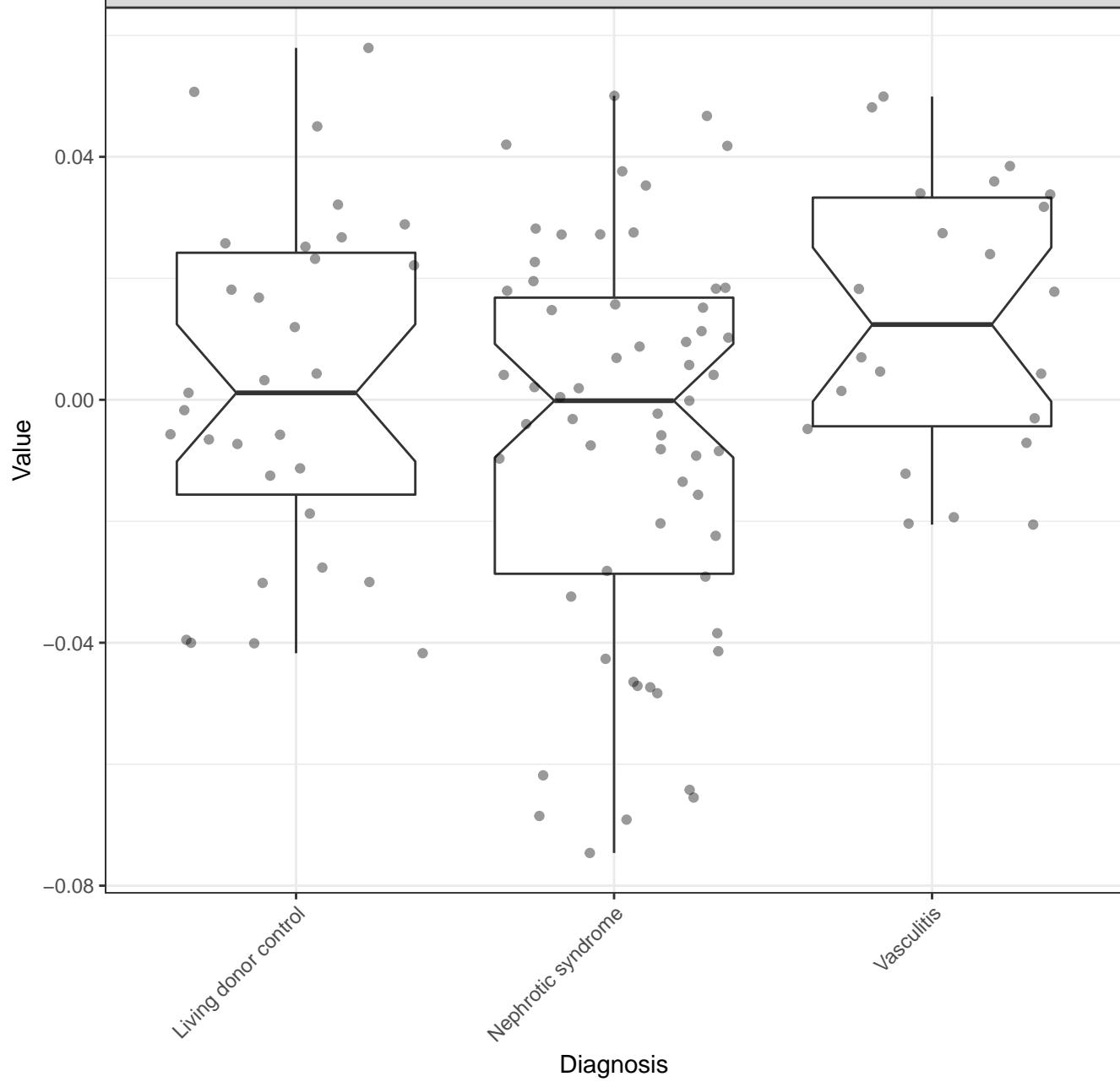
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 515

Value

0.05

0.00

-0.05

-0.10

Living donor control

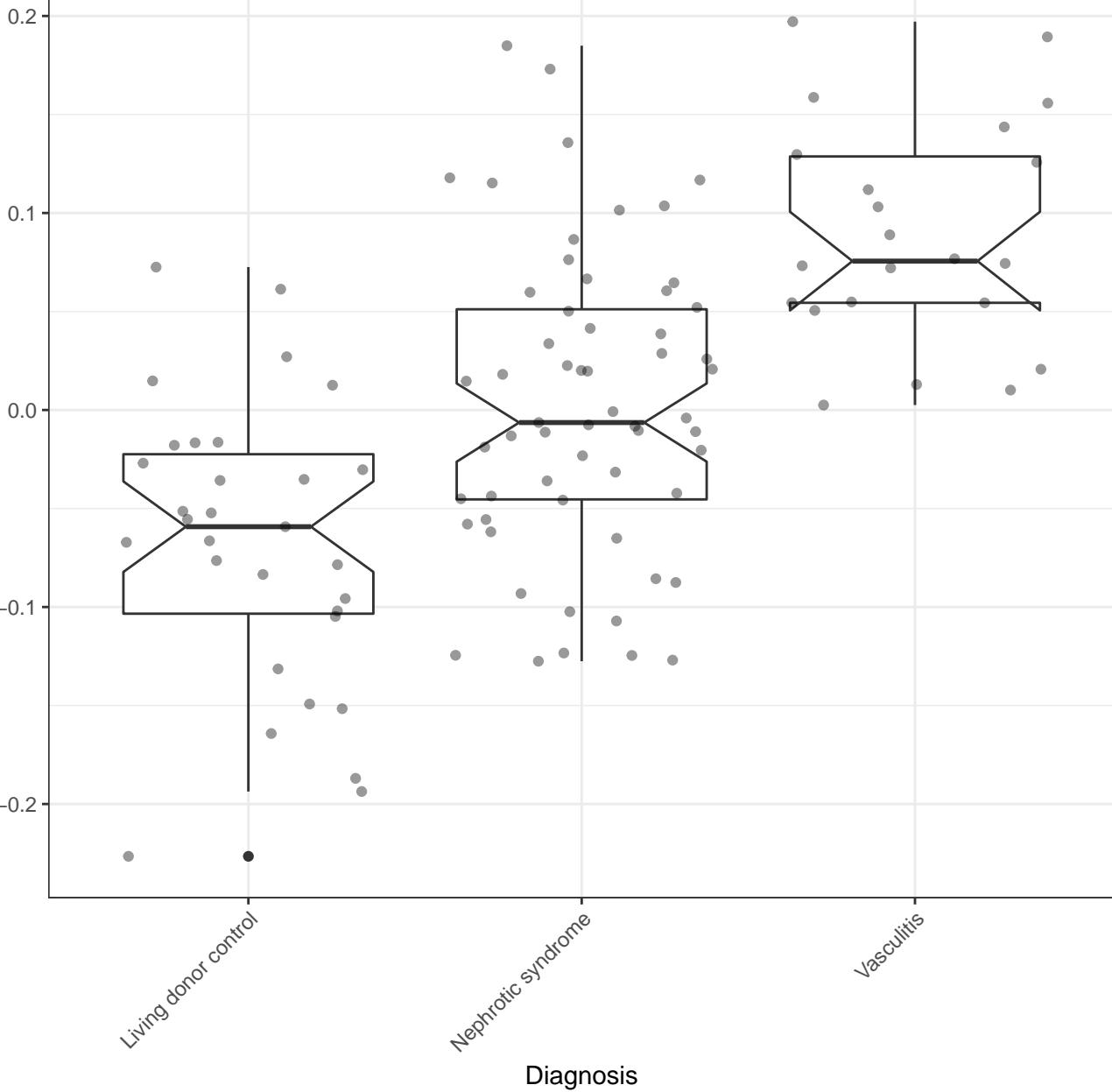
Nephrotic syndrome

Vasculitis

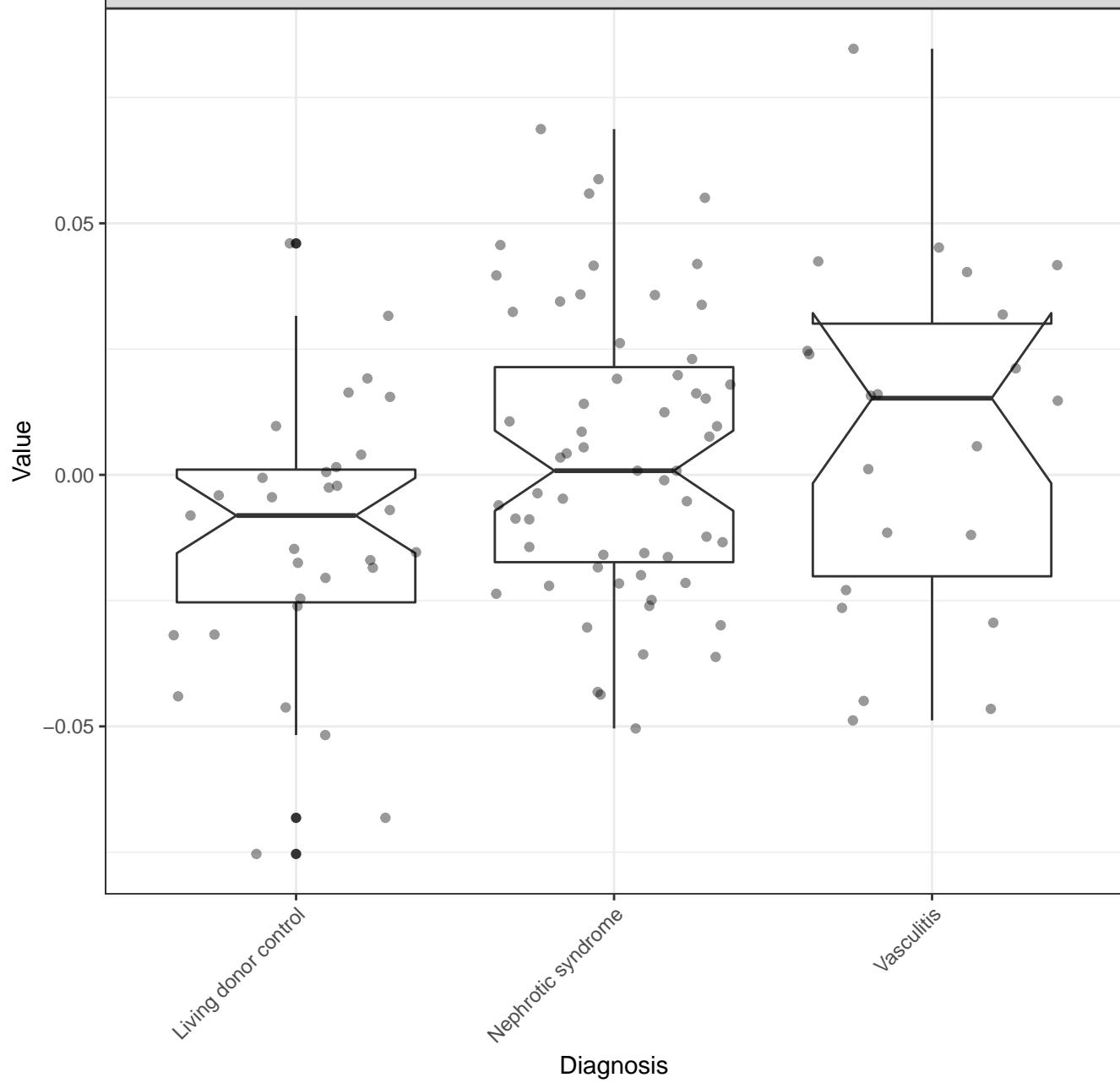
Diagnosis

## 516,PID\_TCR\_PATHWAY

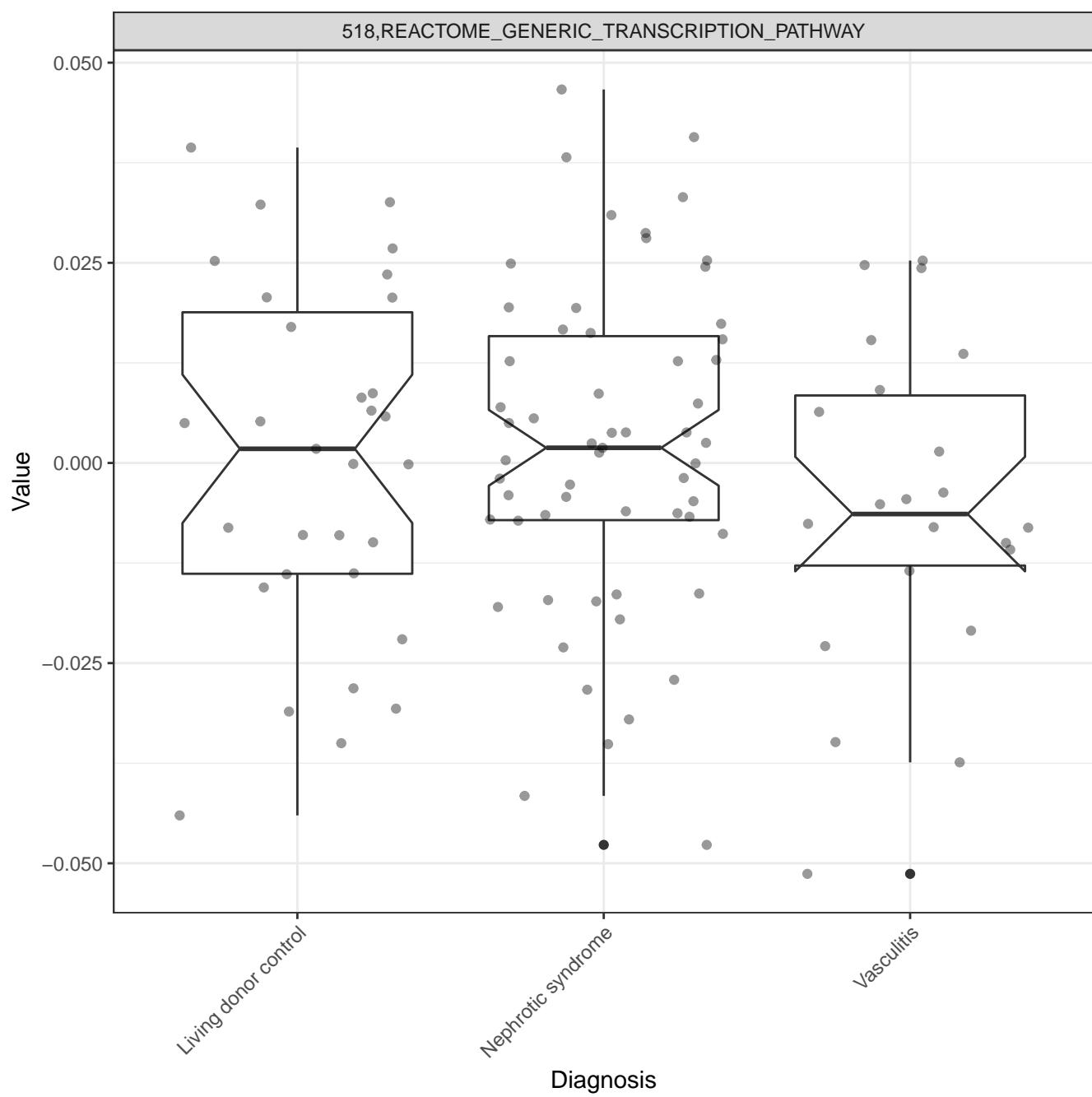
Value



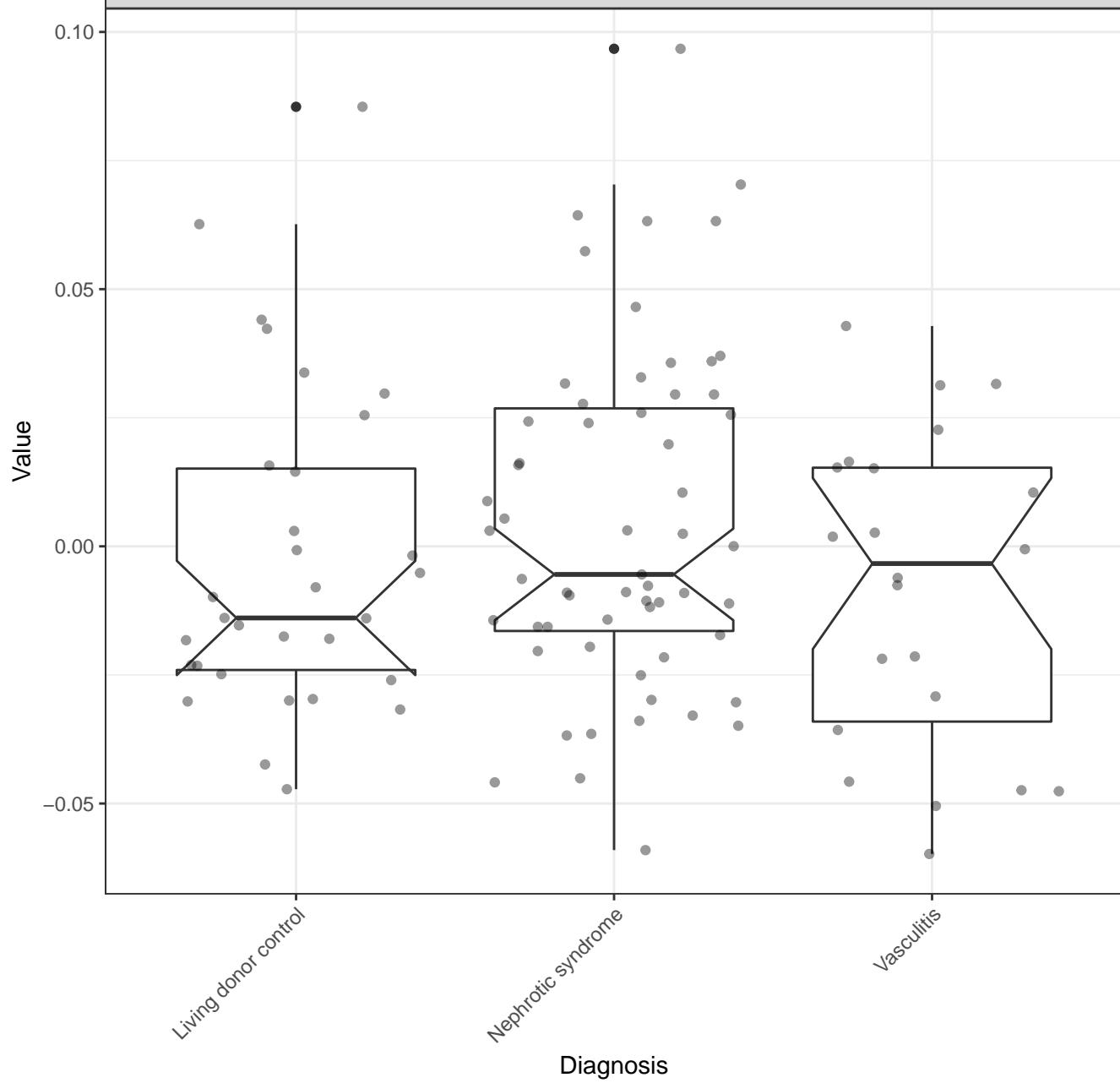
# 517,REACTOME\_SIGNALING\_BY\_EGFR\_IN\_CANCER



518,REACTOME\_GENERIC\_TRANSSCRIPTION\_PATHWAY



LV 519



Value

0.05

0.00

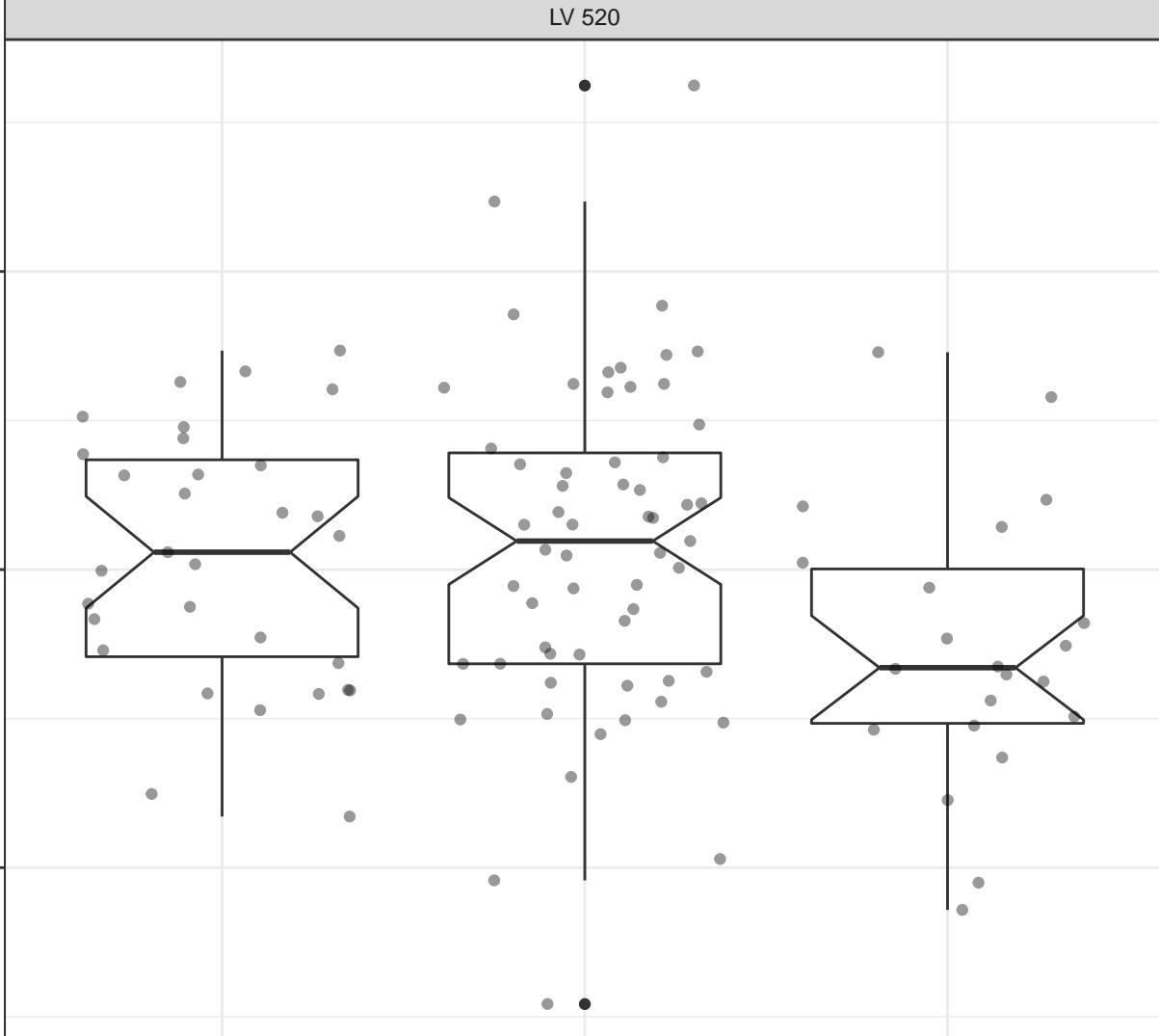
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.03

0.01

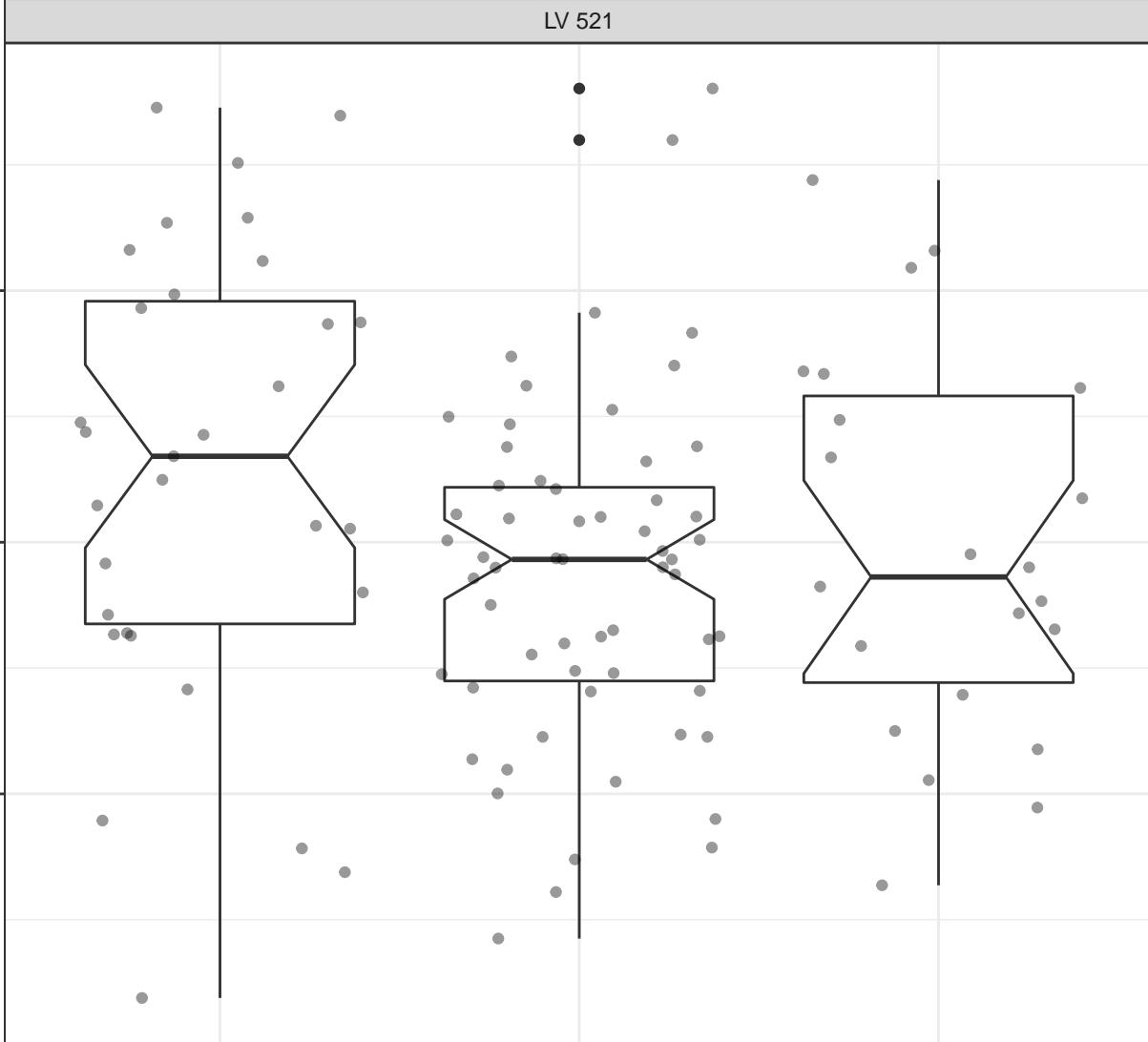
-0.03

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 522

Value

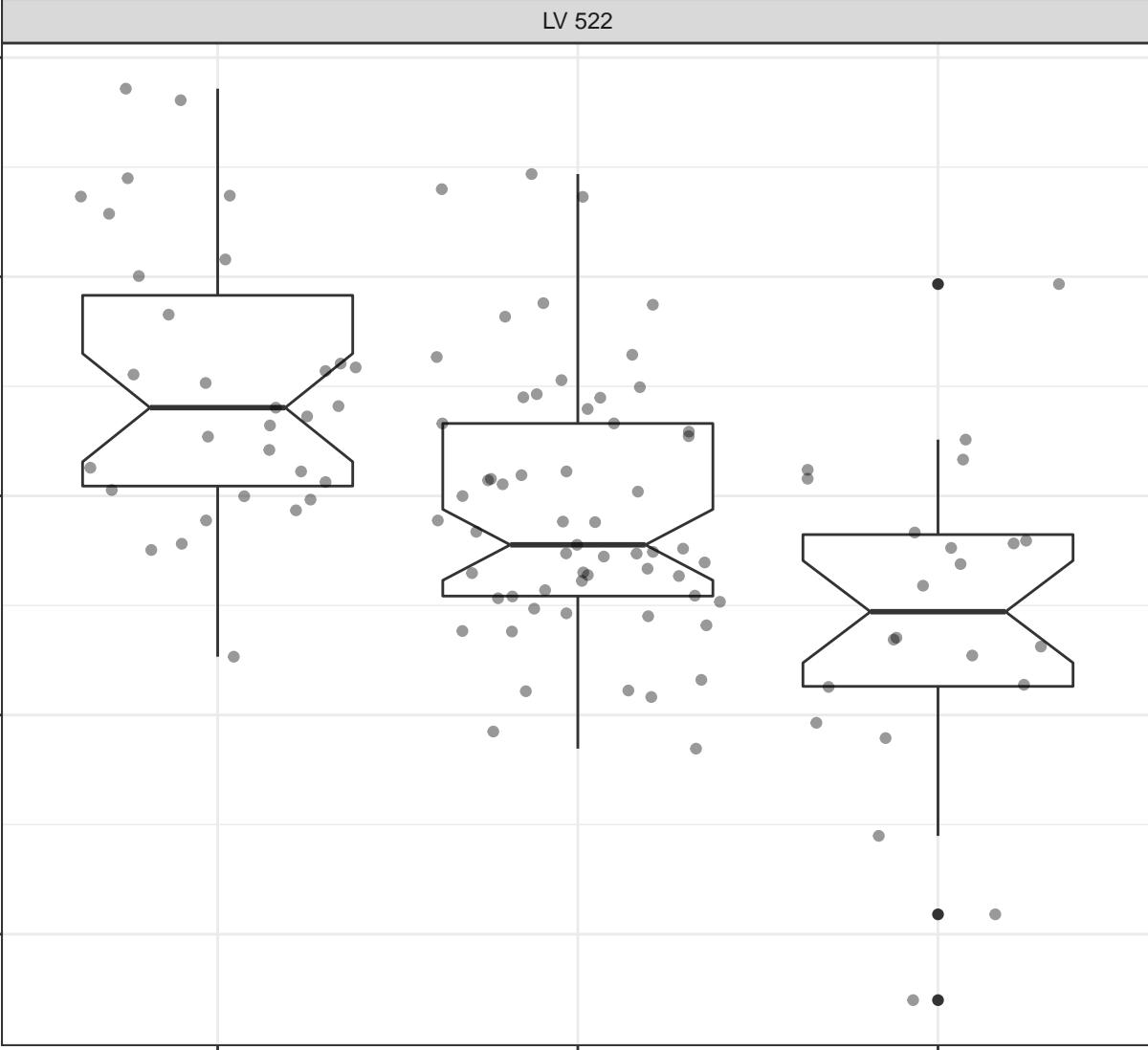
0.10  
0.05  
0.00  
-0.05  
-0.10

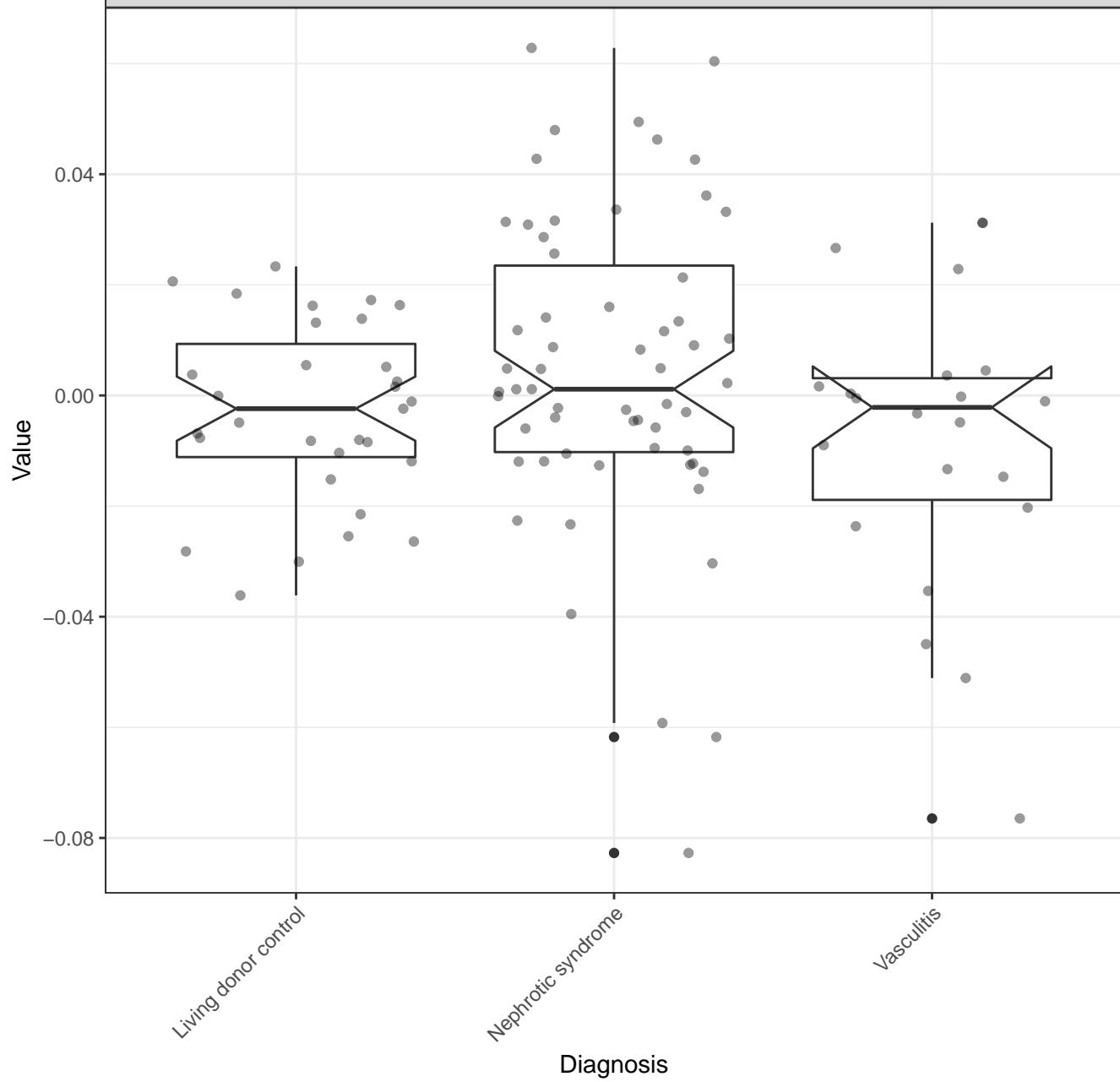
Living donor control

Nephrotic syndrome

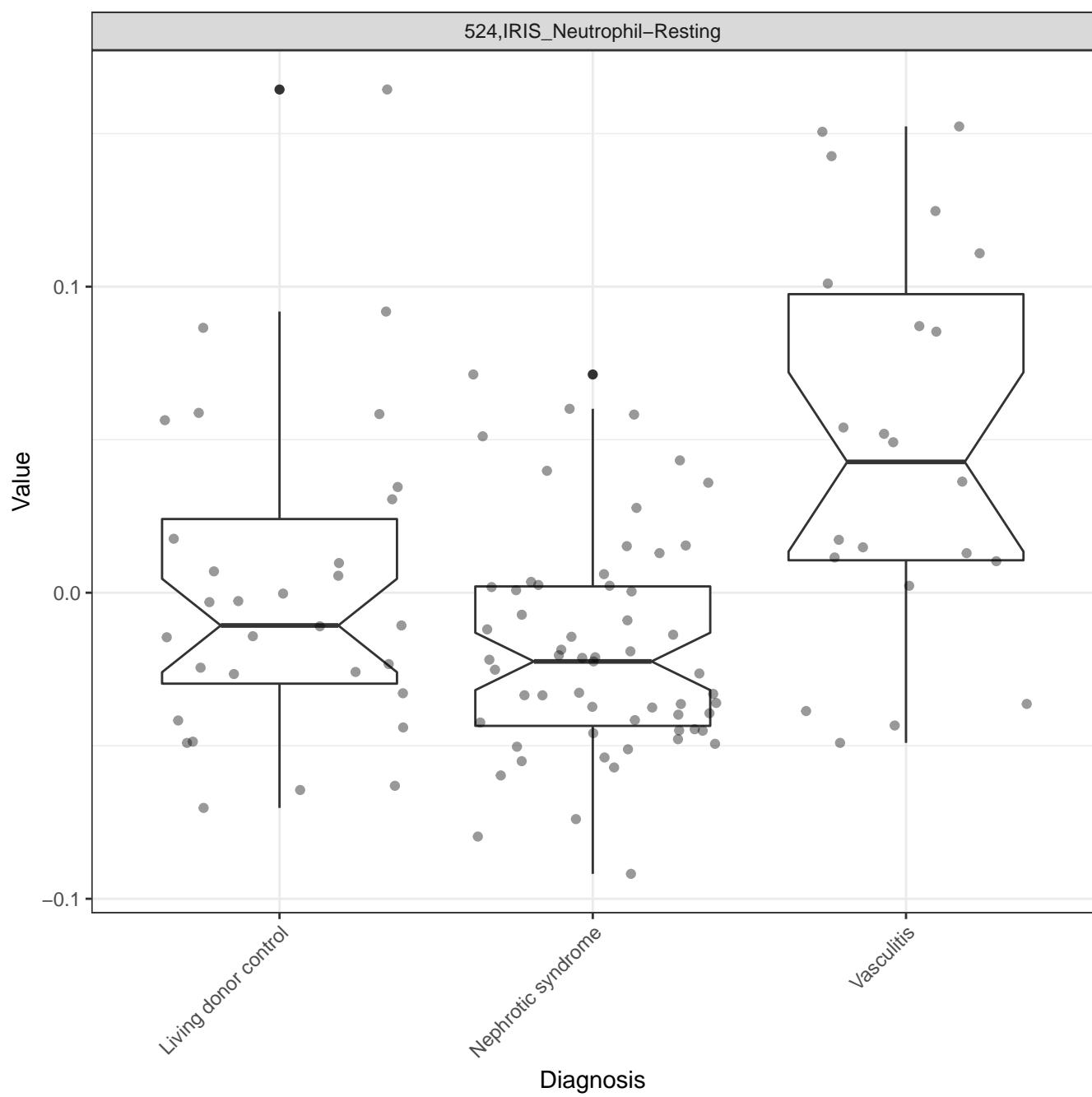
Vasculitis

Diagnosis

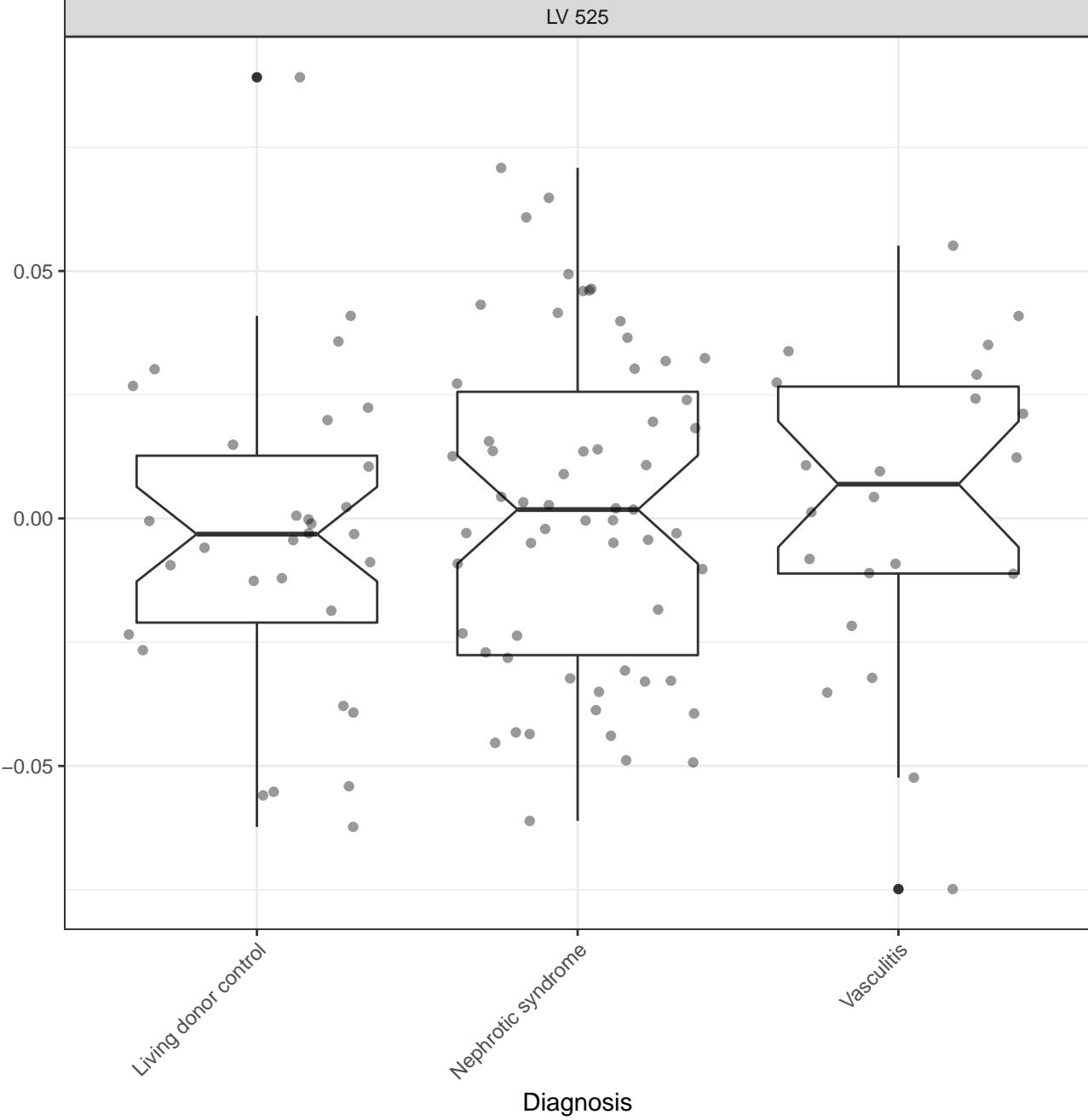




## 524,IRIS\_Neutrophil–Resting



Value



Value

0.05

0.00

-0.05

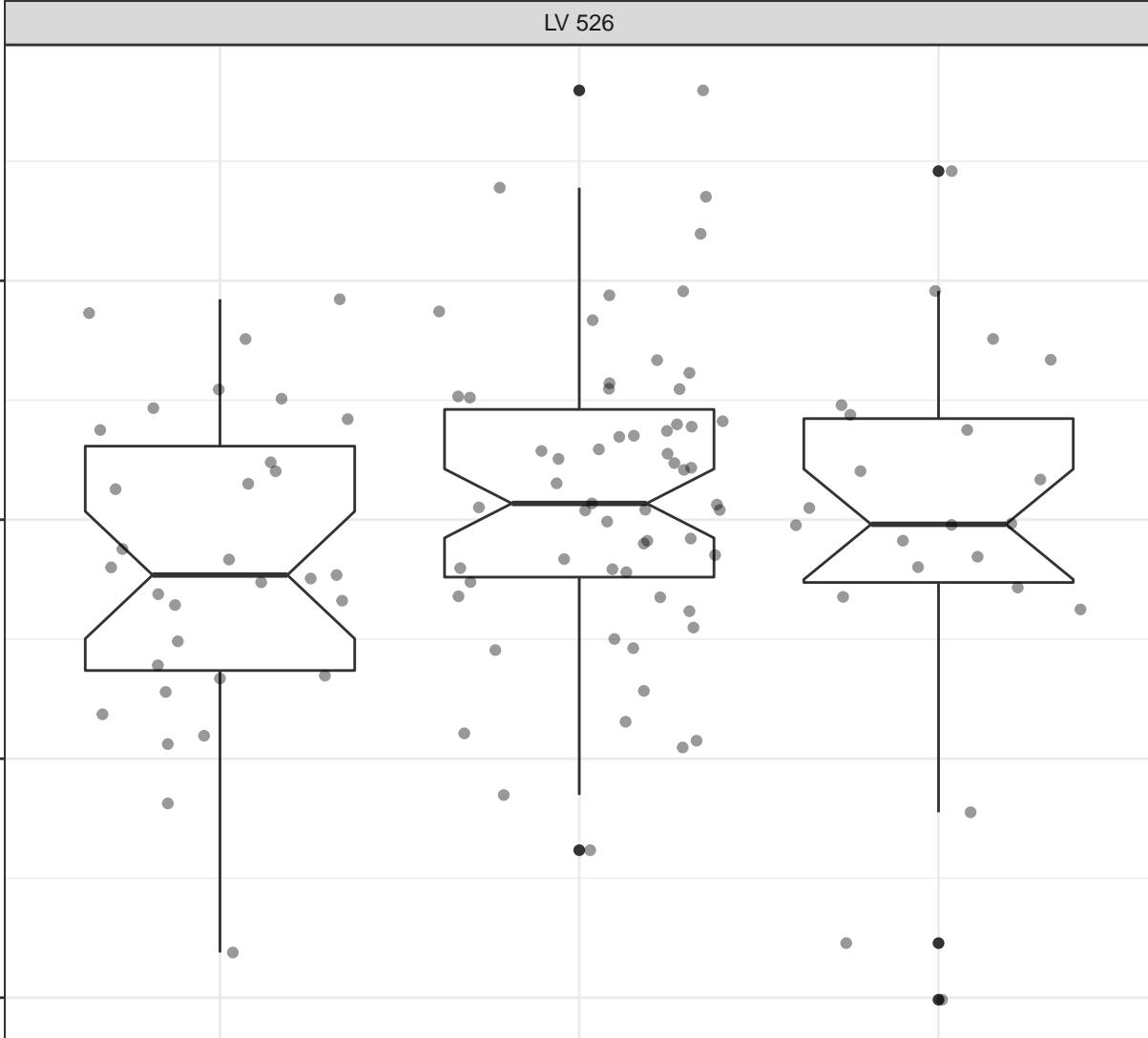
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

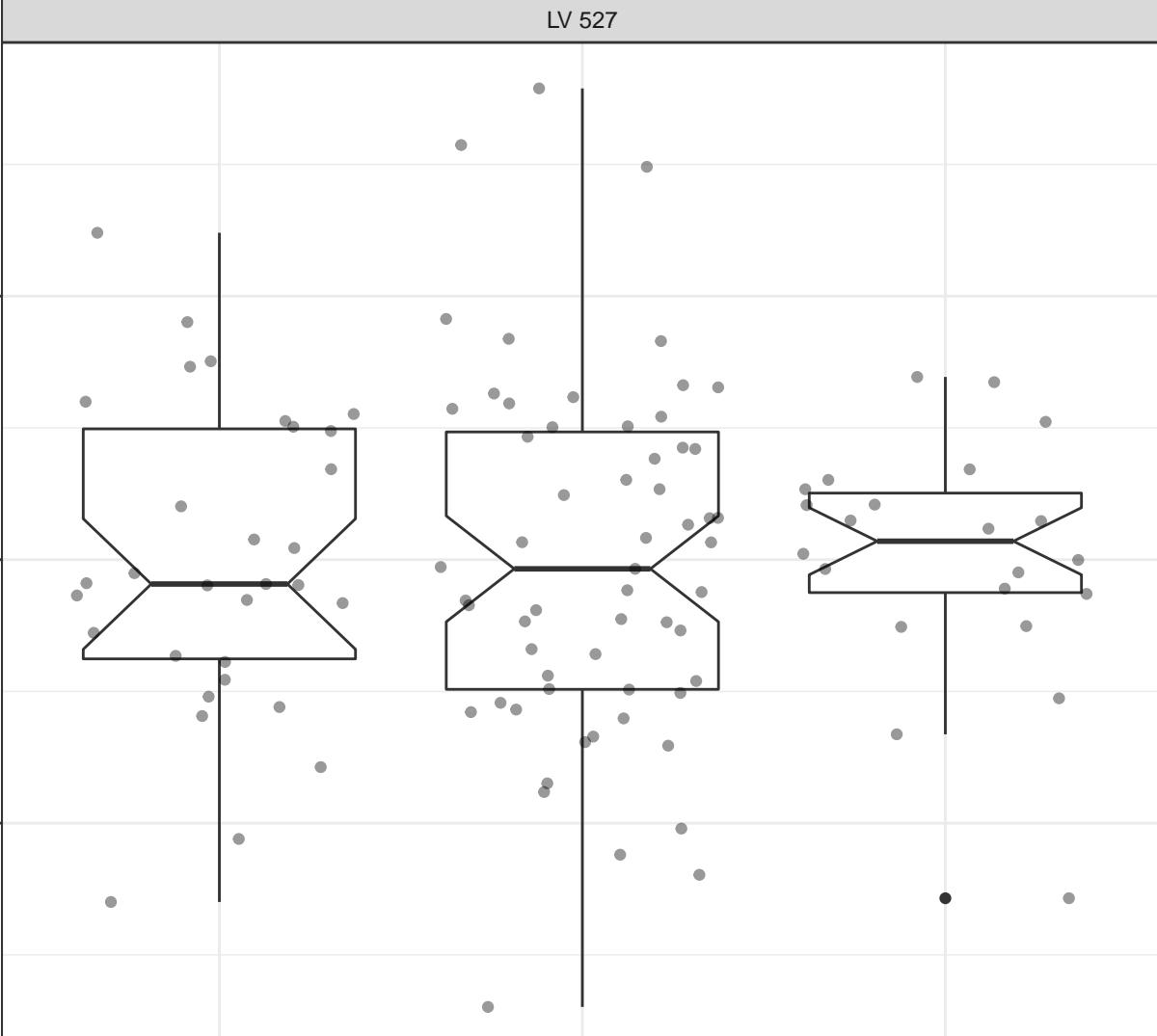
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.03

0.00

-0.03

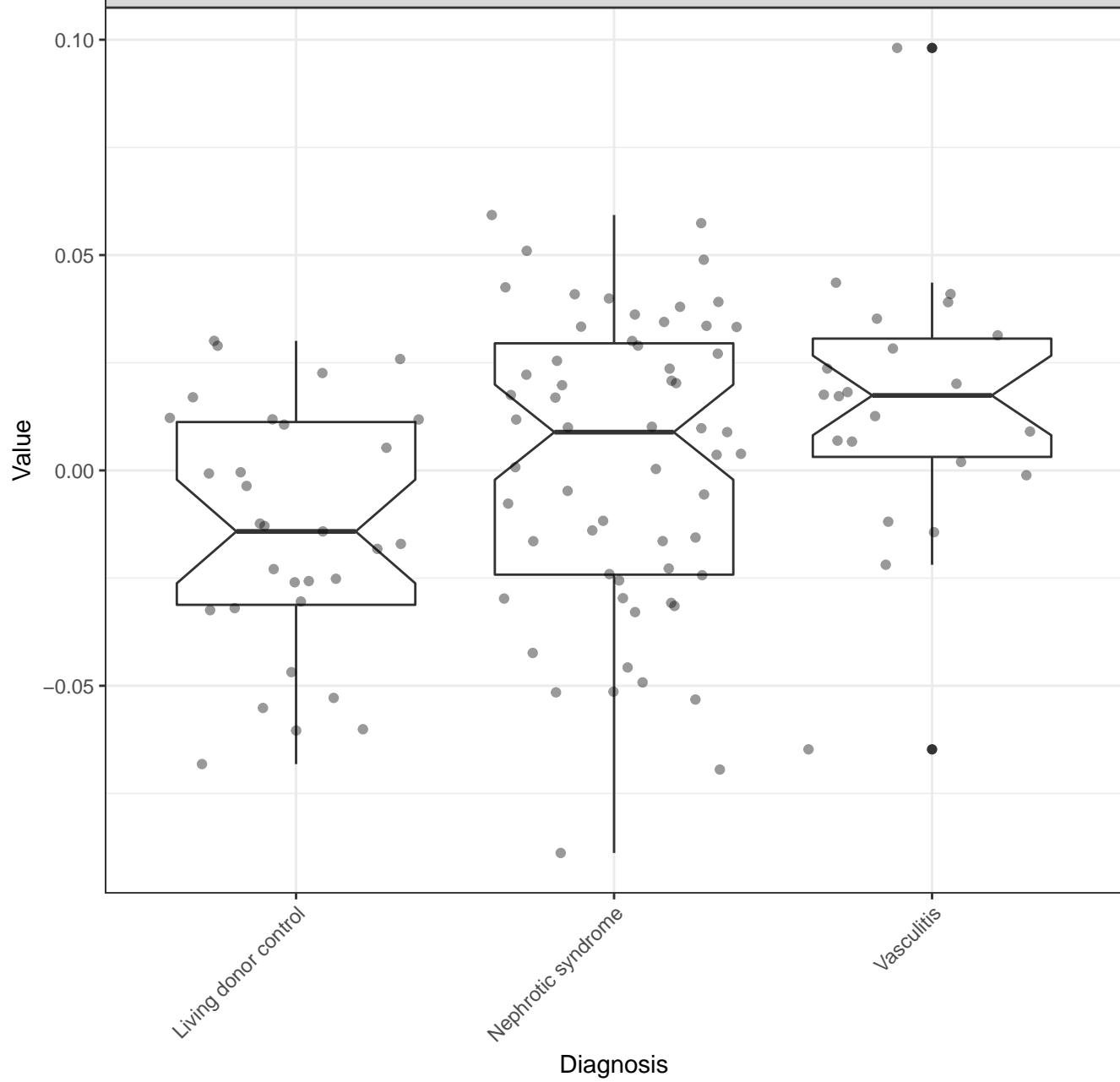
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 529



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

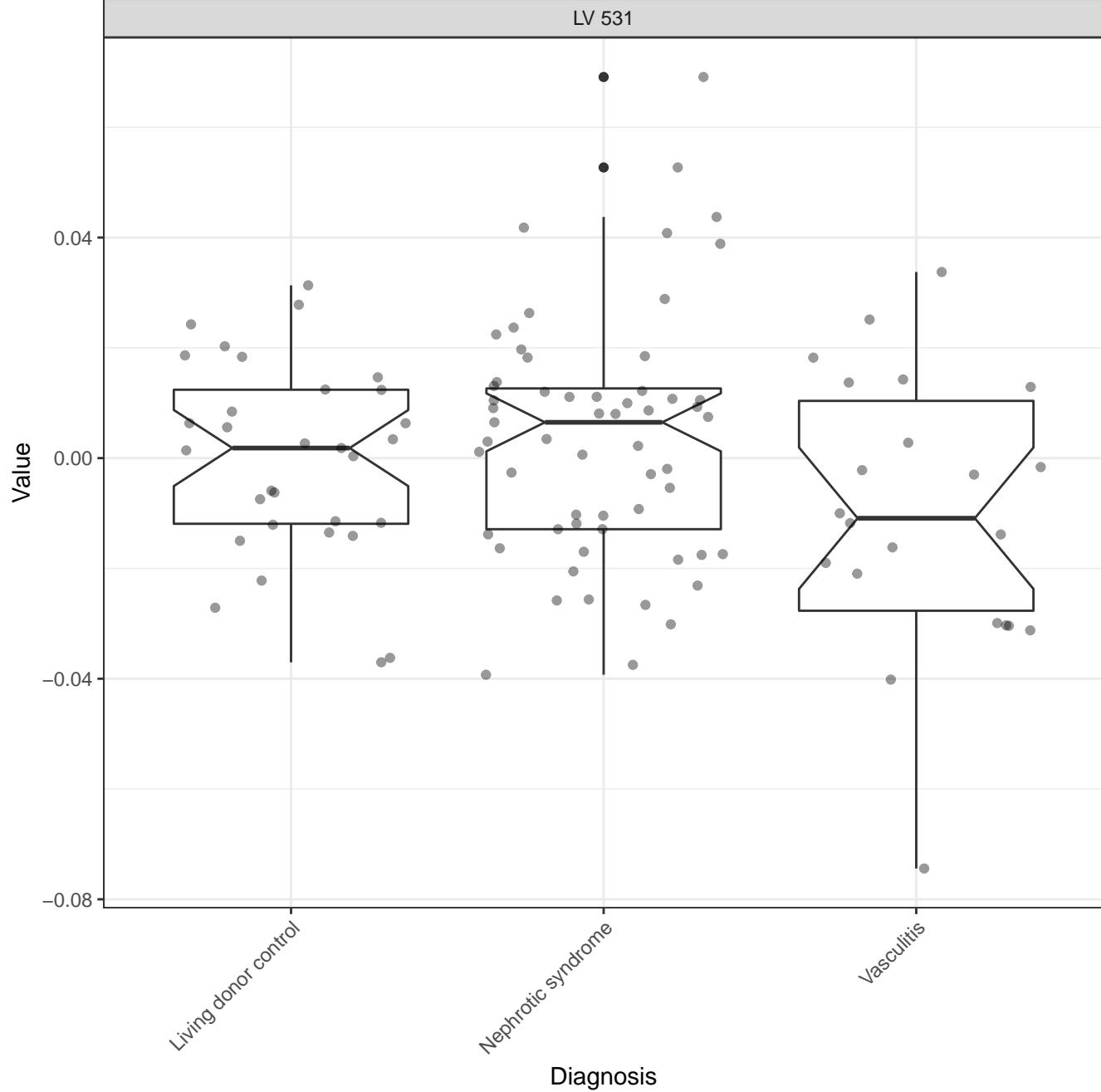
-0.08

Living donor control

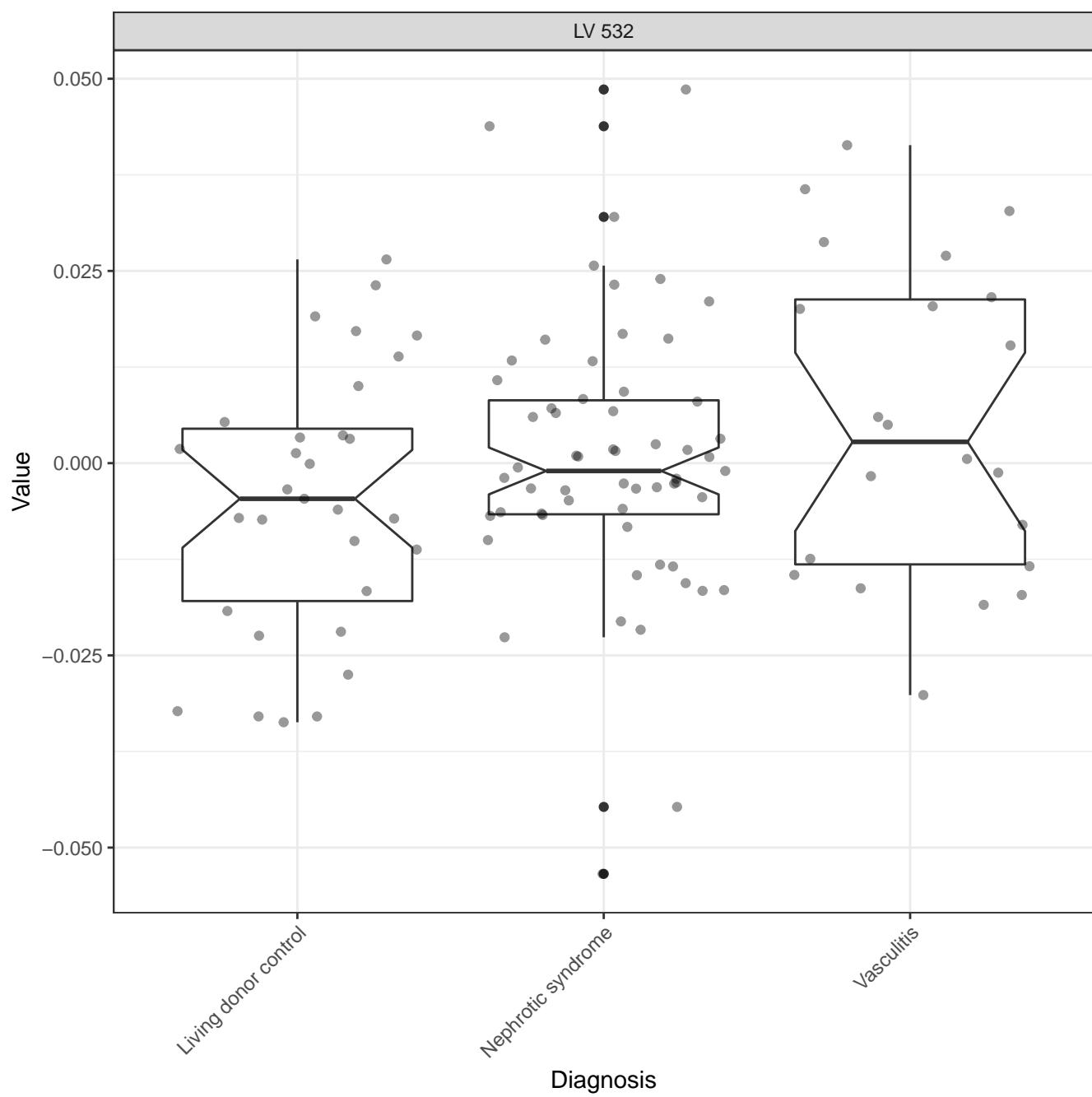
Nephrotic syndrome

Vasculitis

Diagnosis



LV 532



Value

0.04

0.00

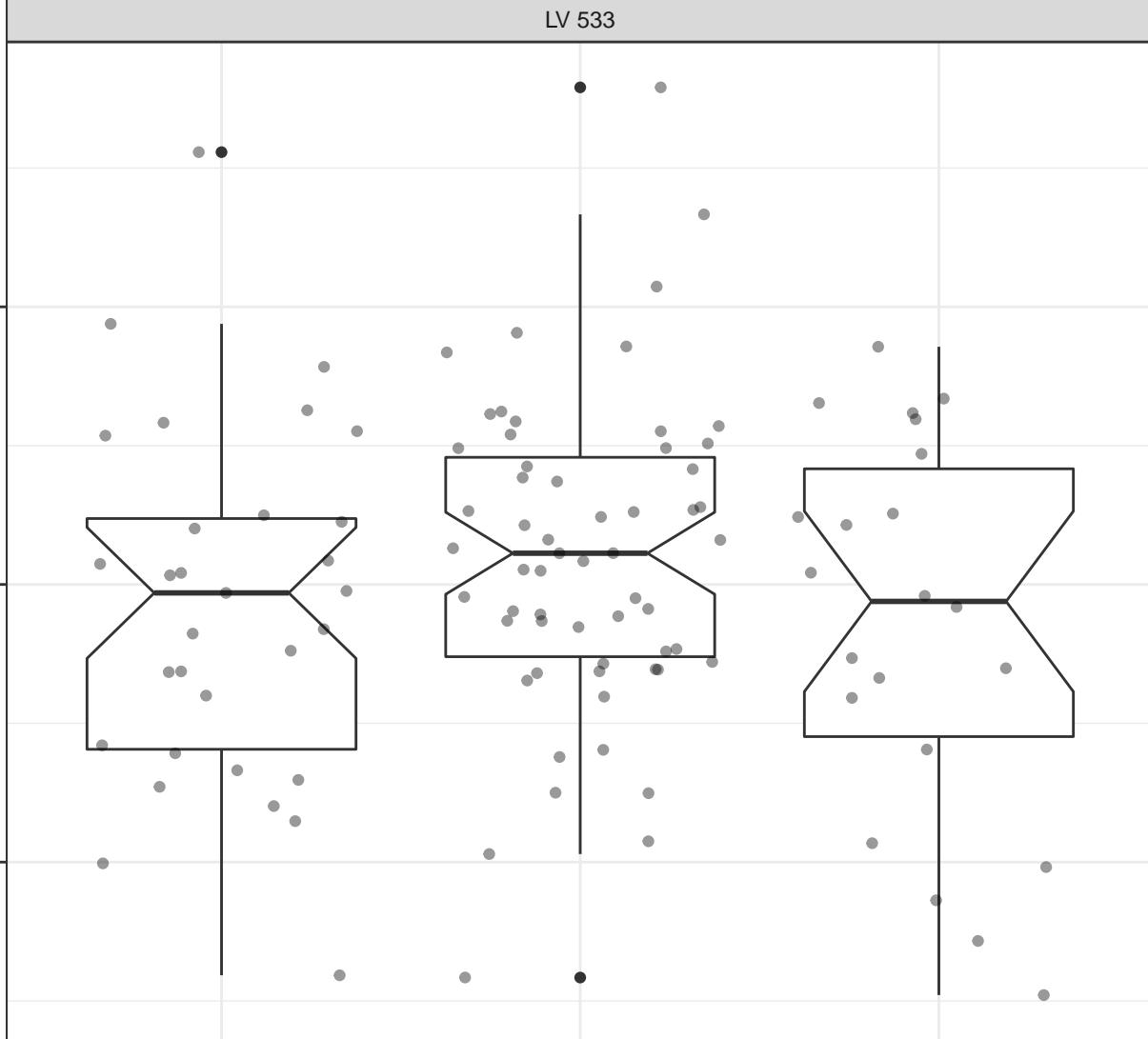
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

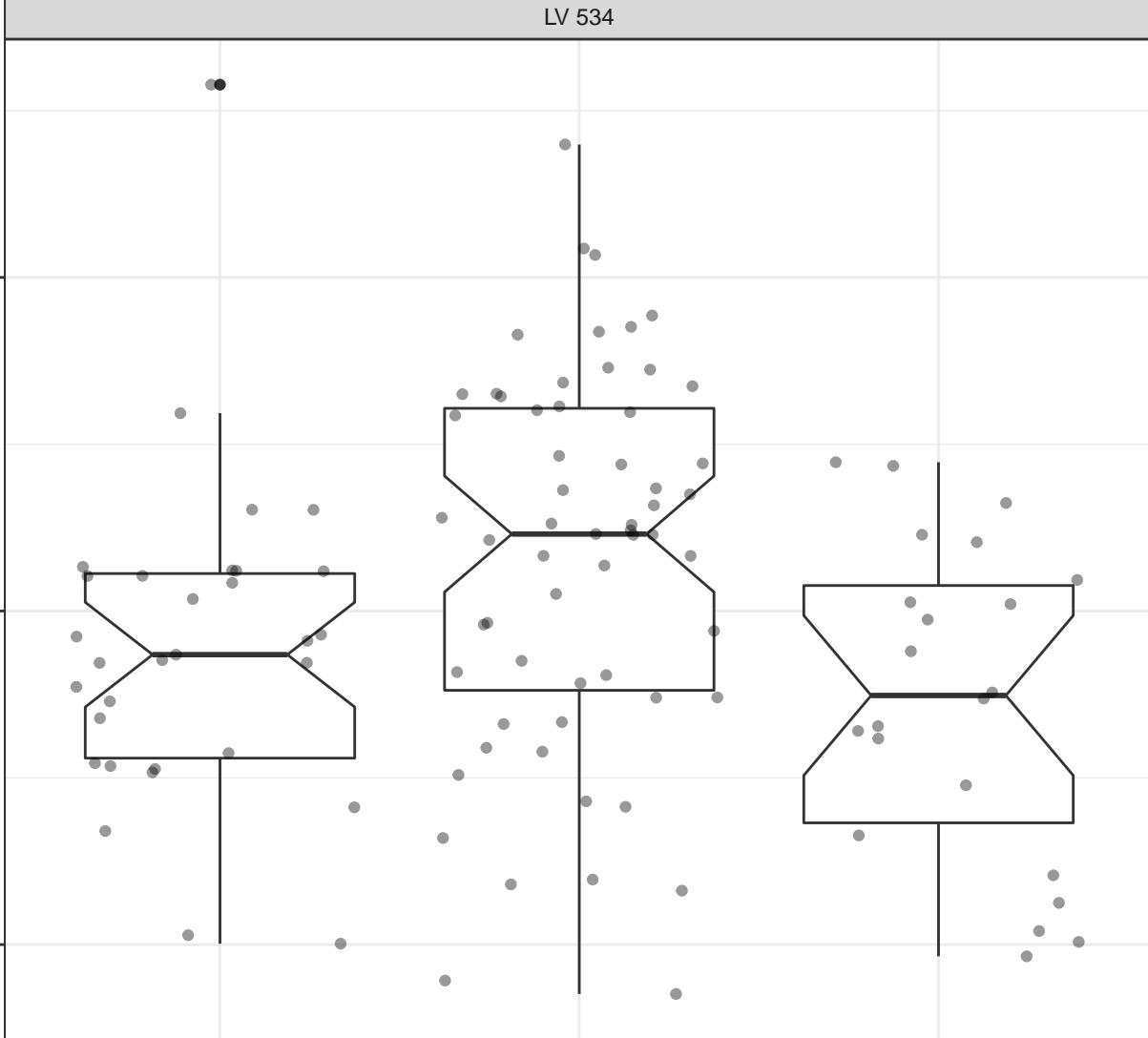
-0.05

Living donor control

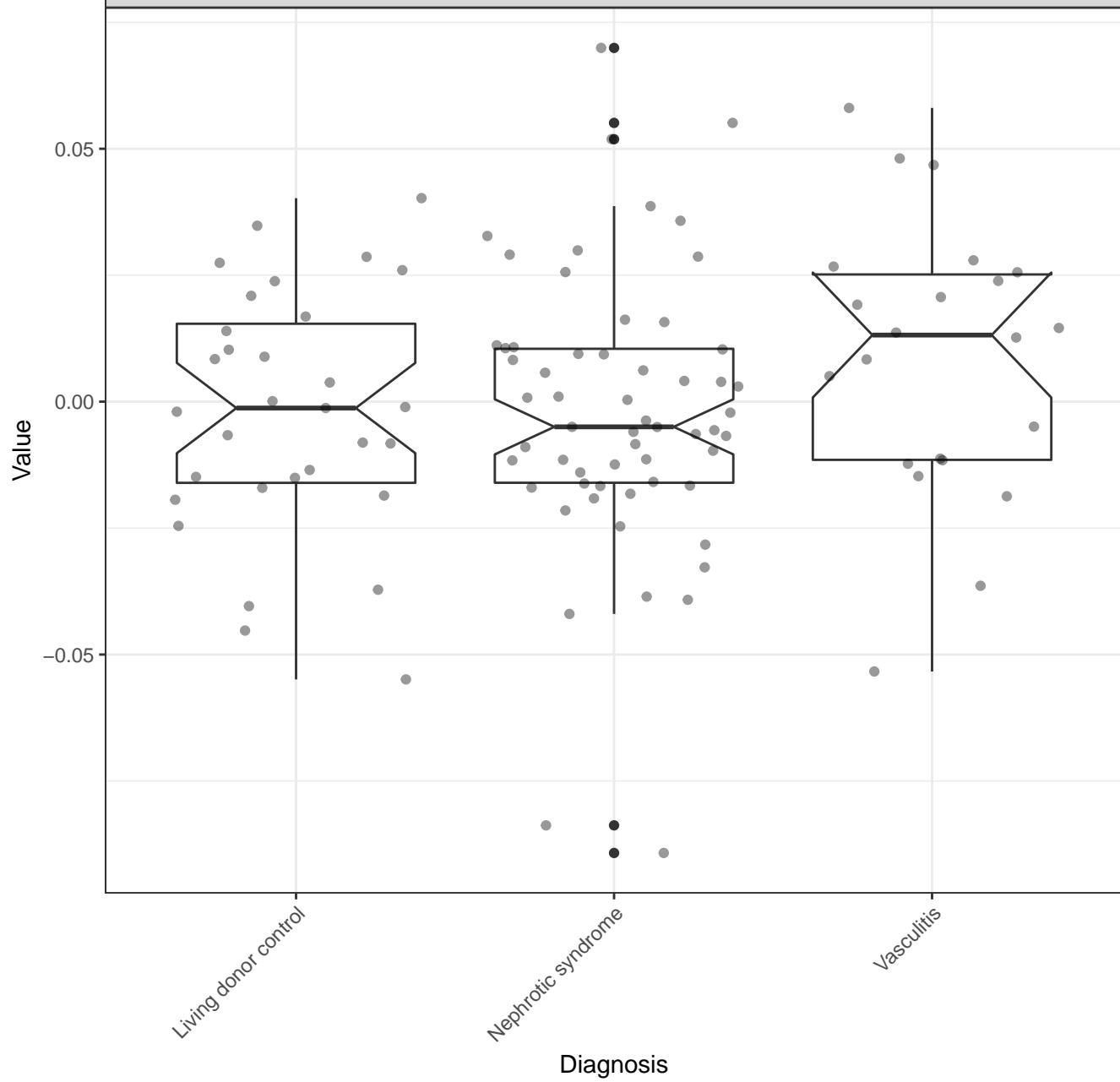
Nephrotic syndrome

Vasculitis

Diagnosis



LV 535



Value

0.05

0.00

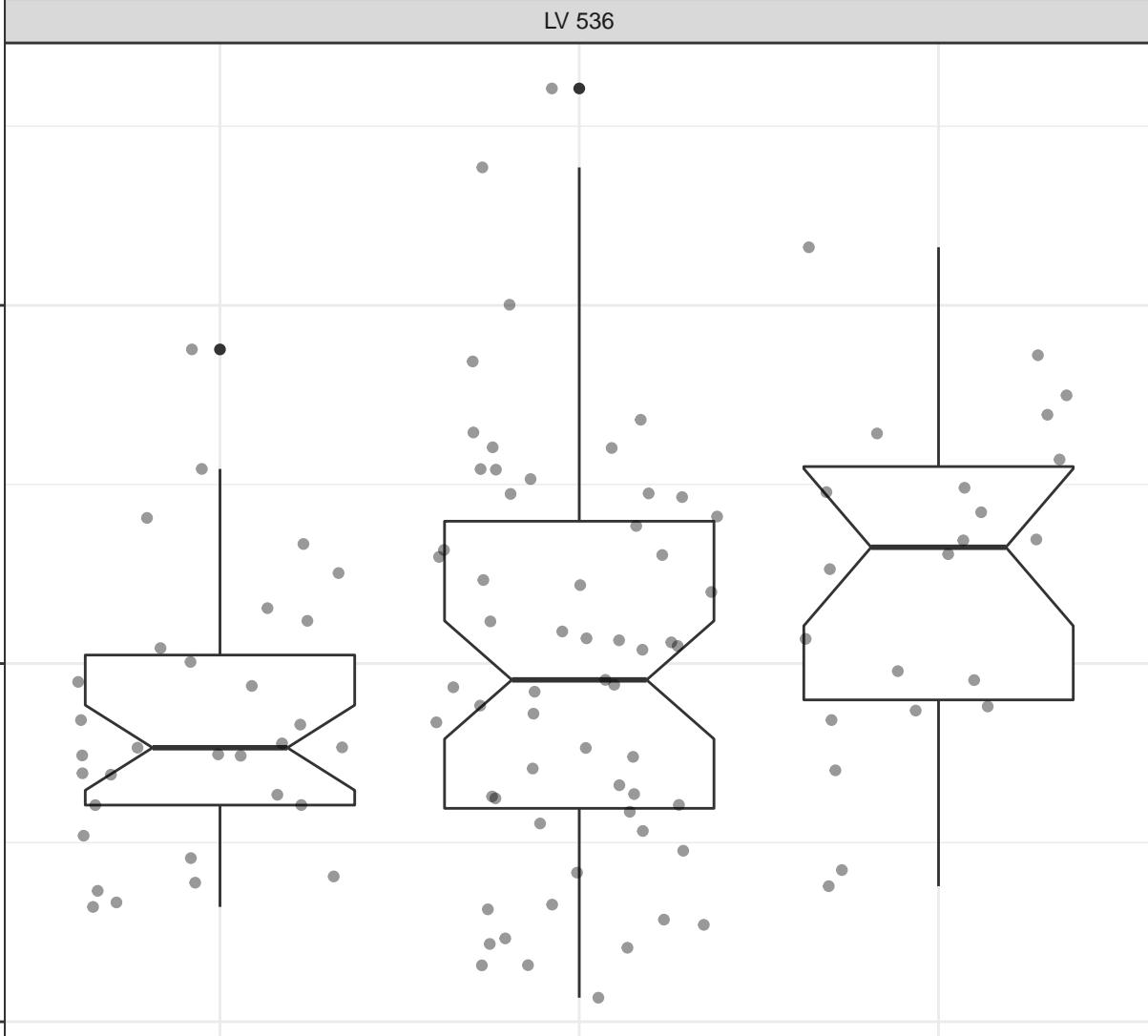
-0.05

Living donor control

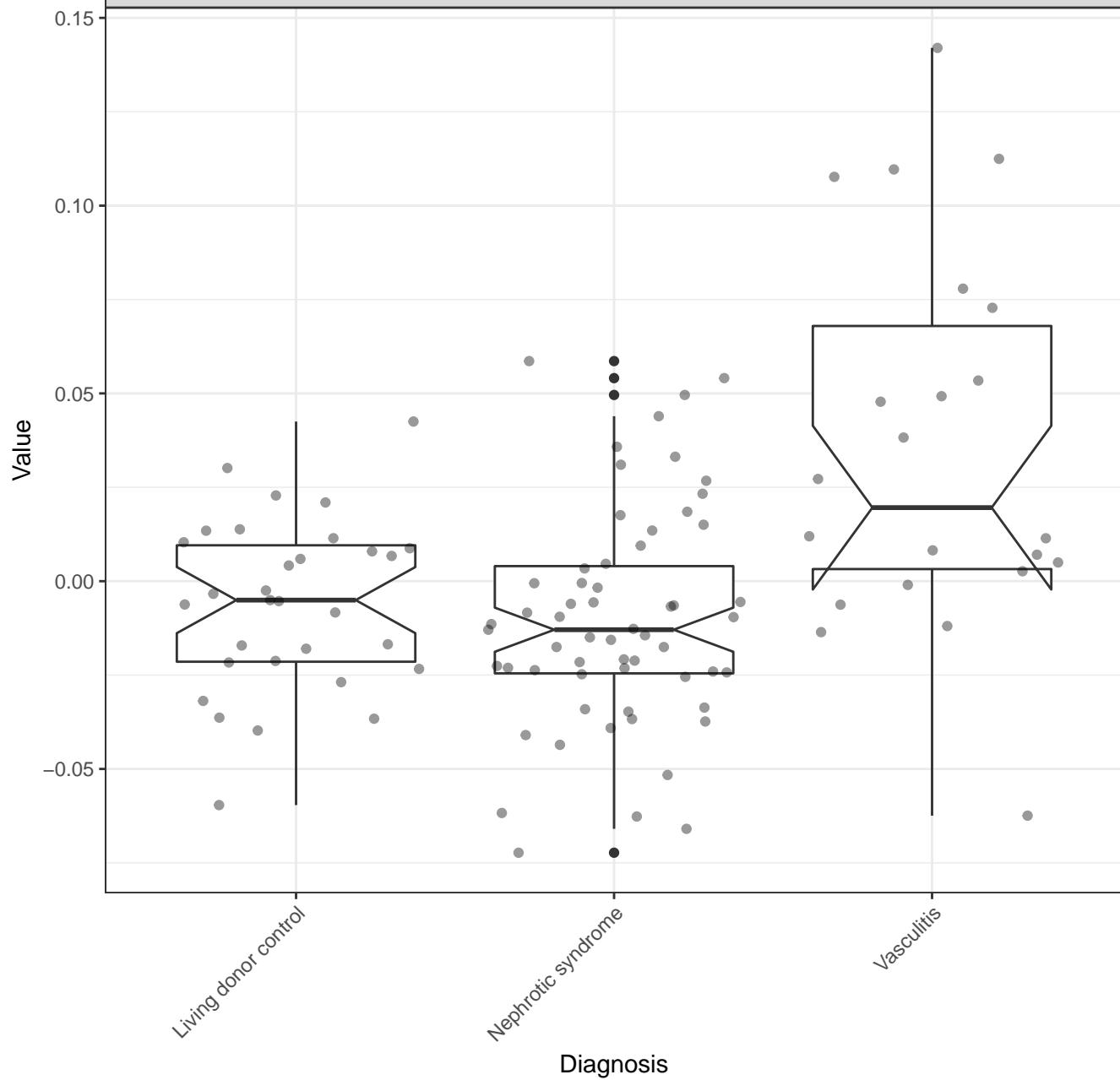
Nephrotic syndrome

Vasculitis

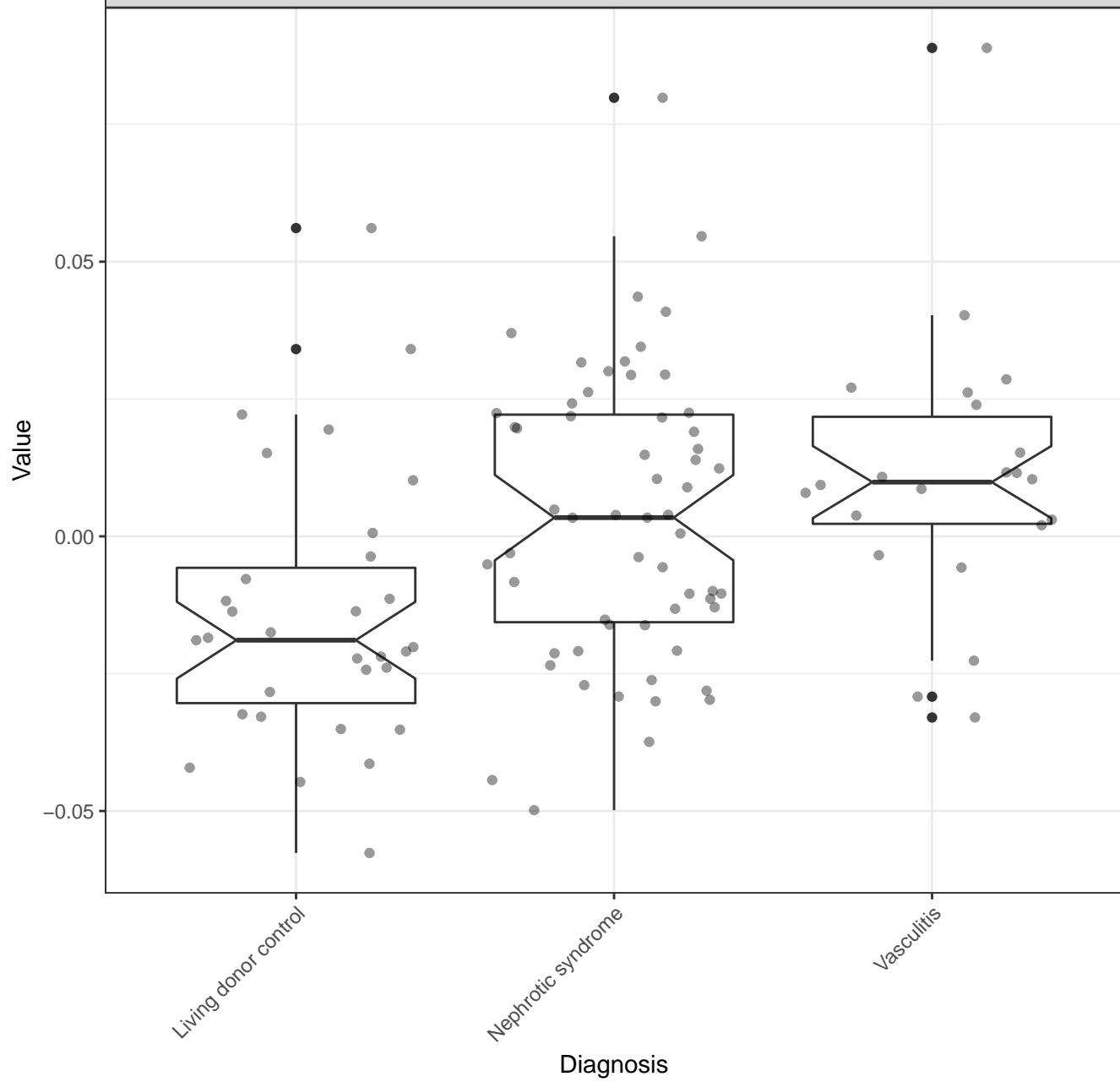
Diagnosis



LV 537



## 538,PID\_P73PATHWAY



Value

0.04

0.00

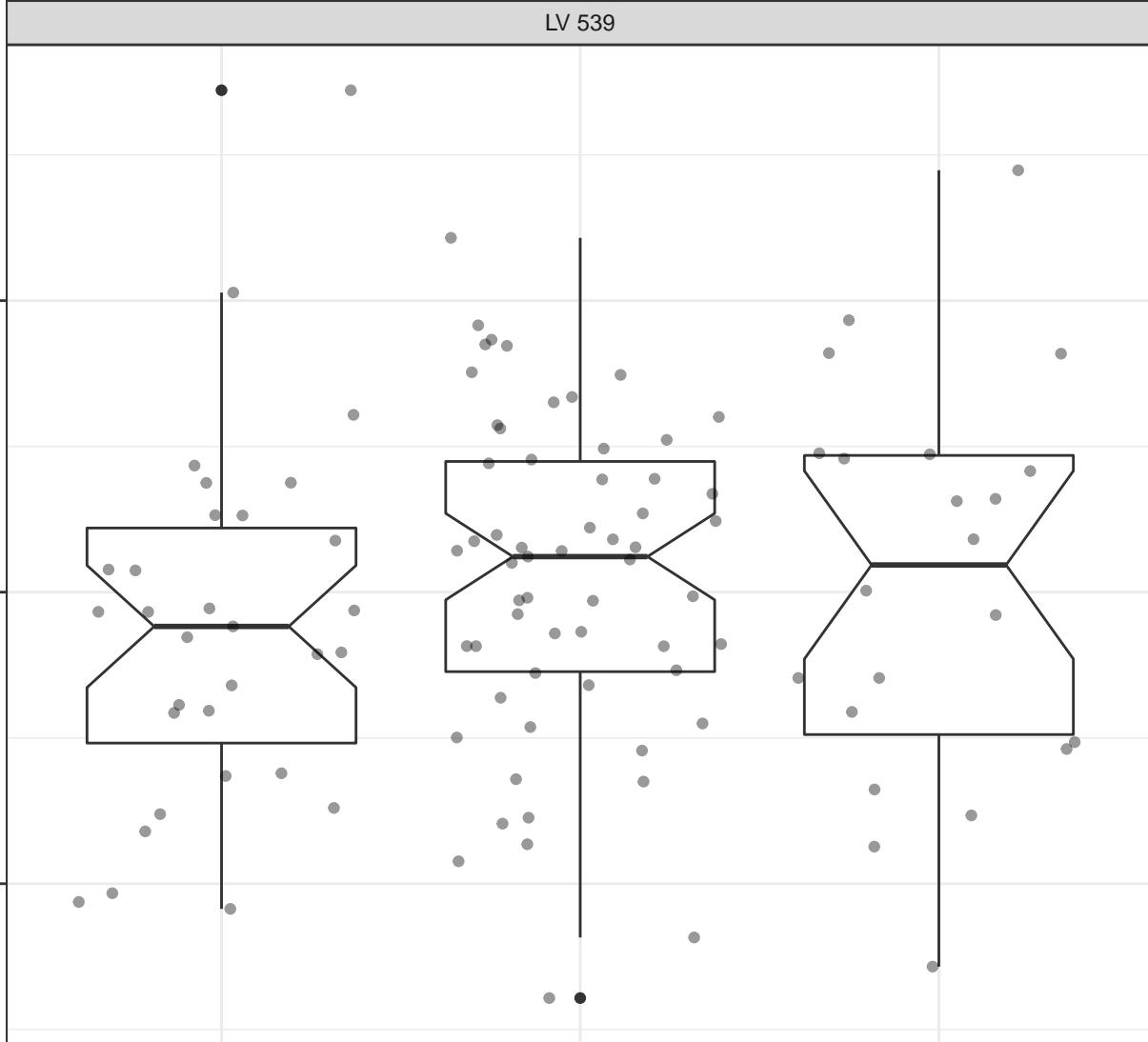
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

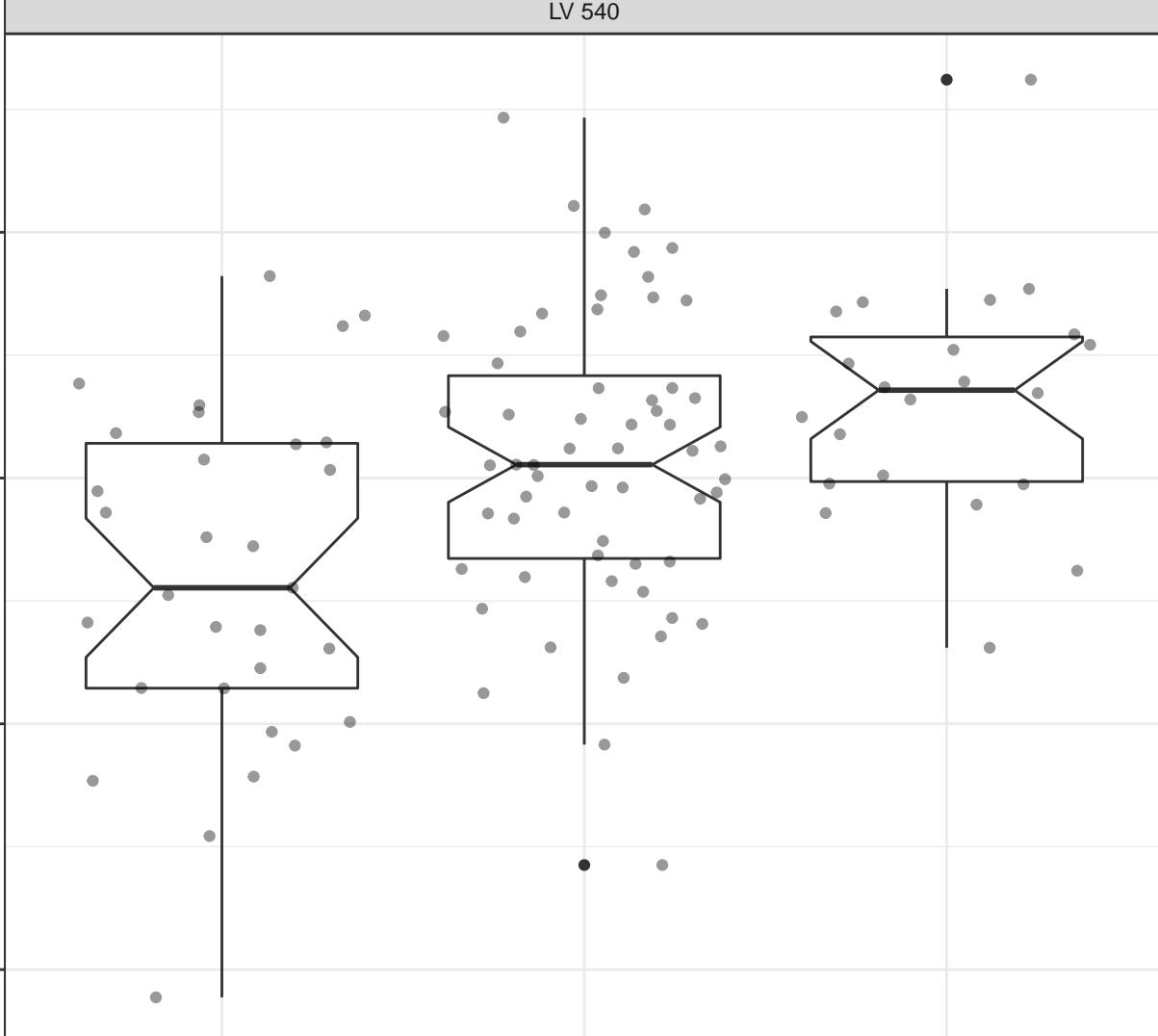
-0.10

Living donor control

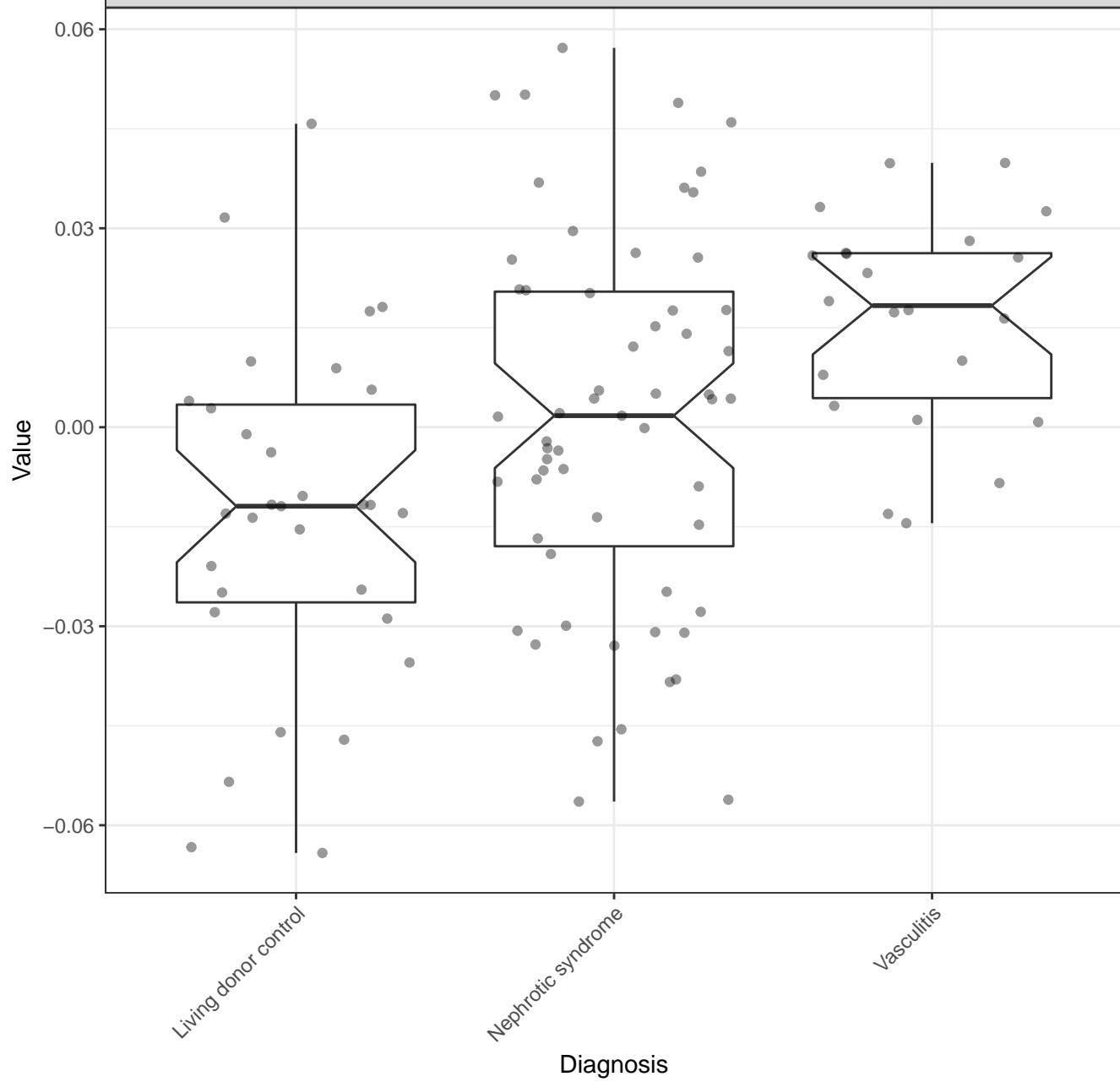
Nephrotic syndrome

Vasculitis

Diagnosis



## 541,REACTOME\_G1\_PHASE



LV 542

Value

0.3

0.2

0.1

0.0

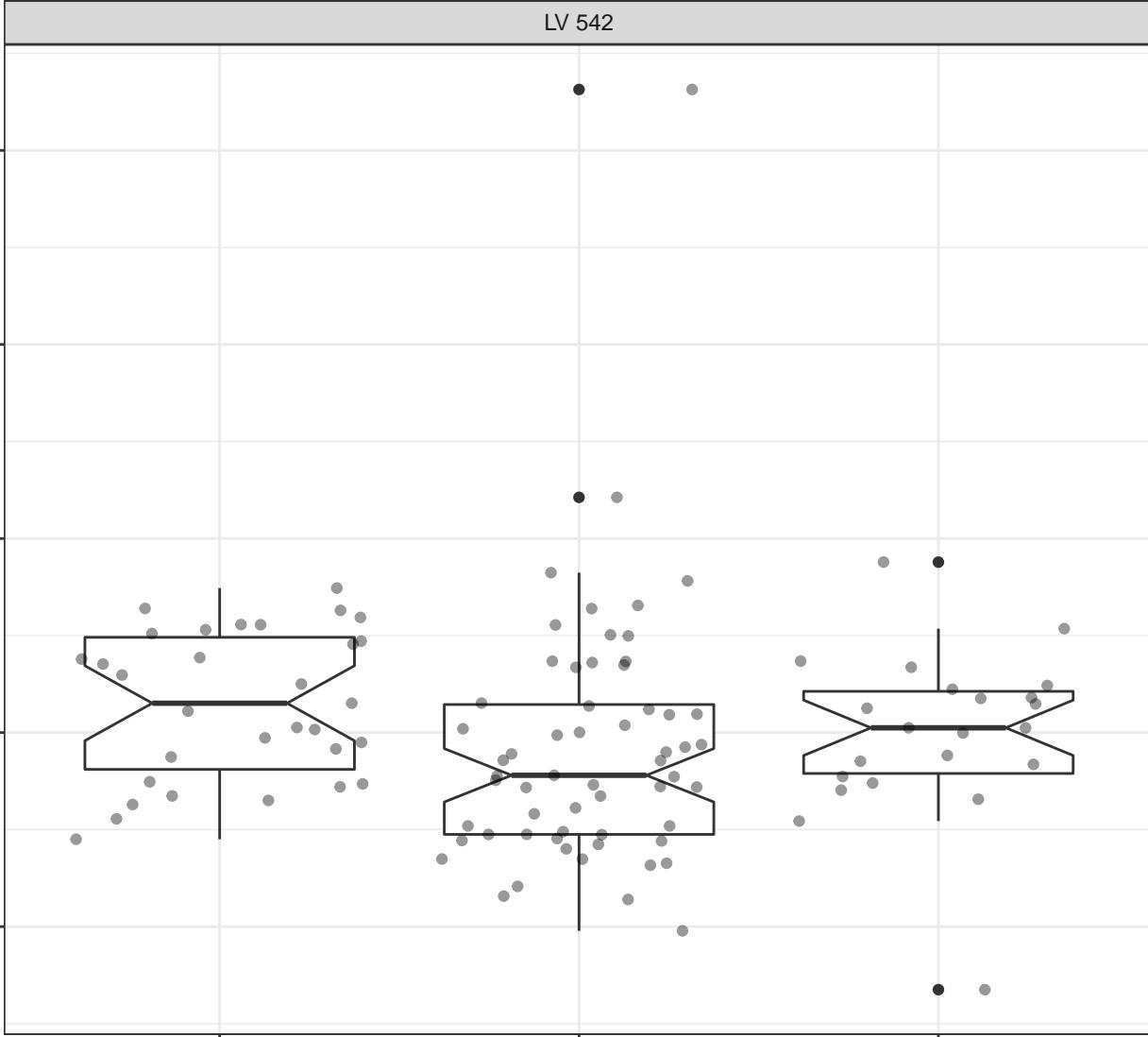
-0.1

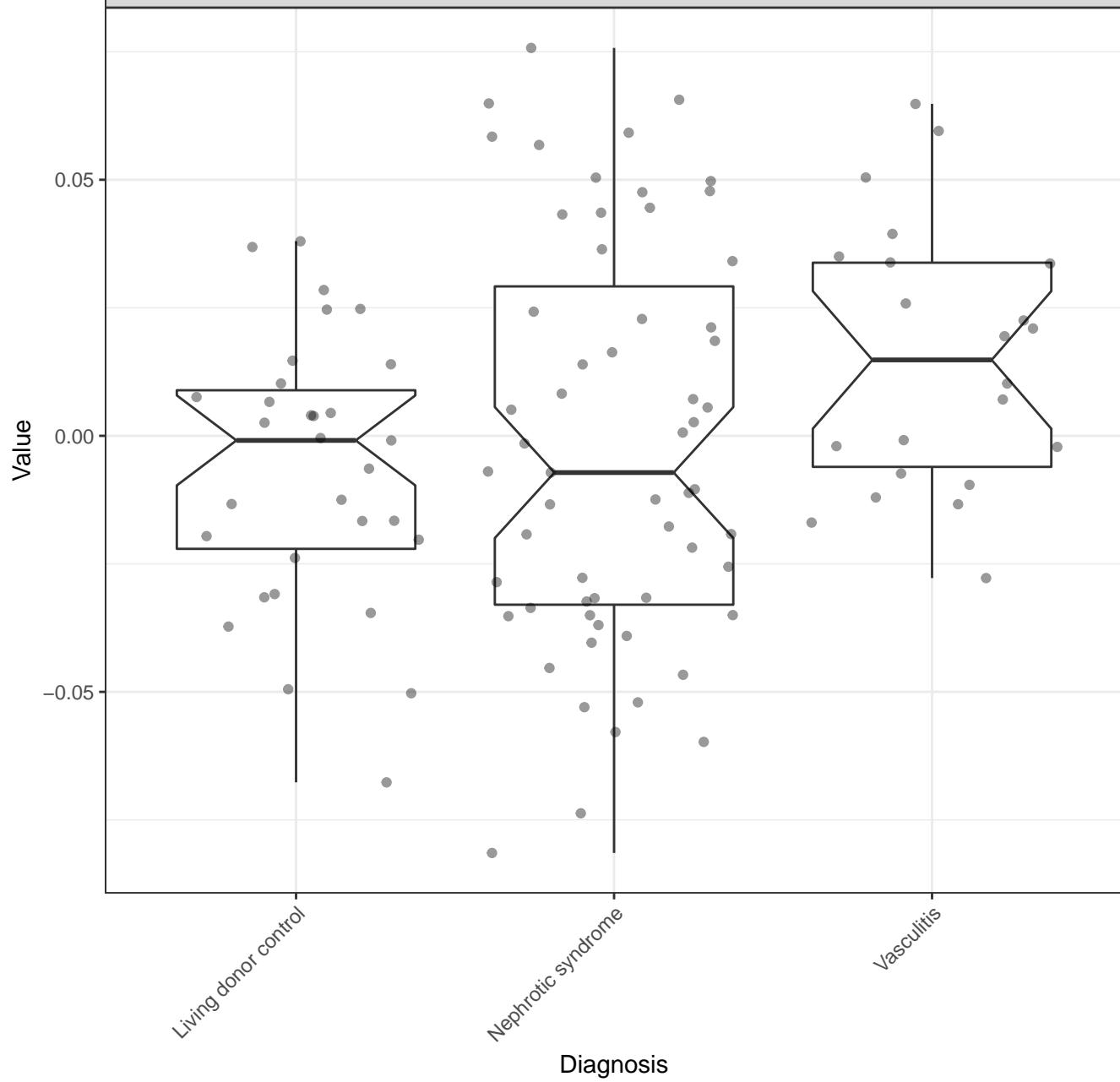
Living donor control

Nephrotic syndrome

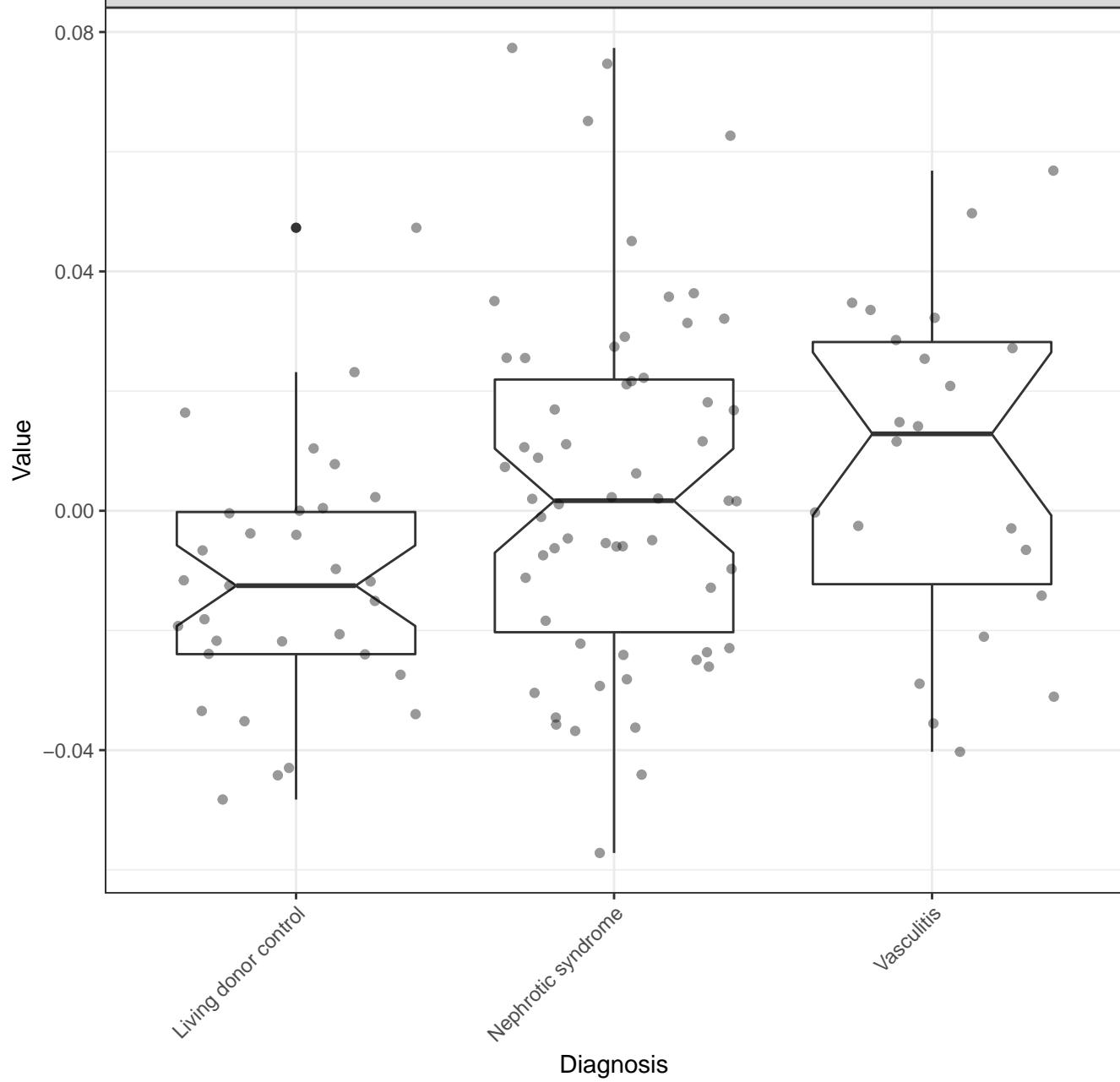
Vasculitis

Diagnosis





LV 544



LV 545

Value

0.08

0.04

0.00

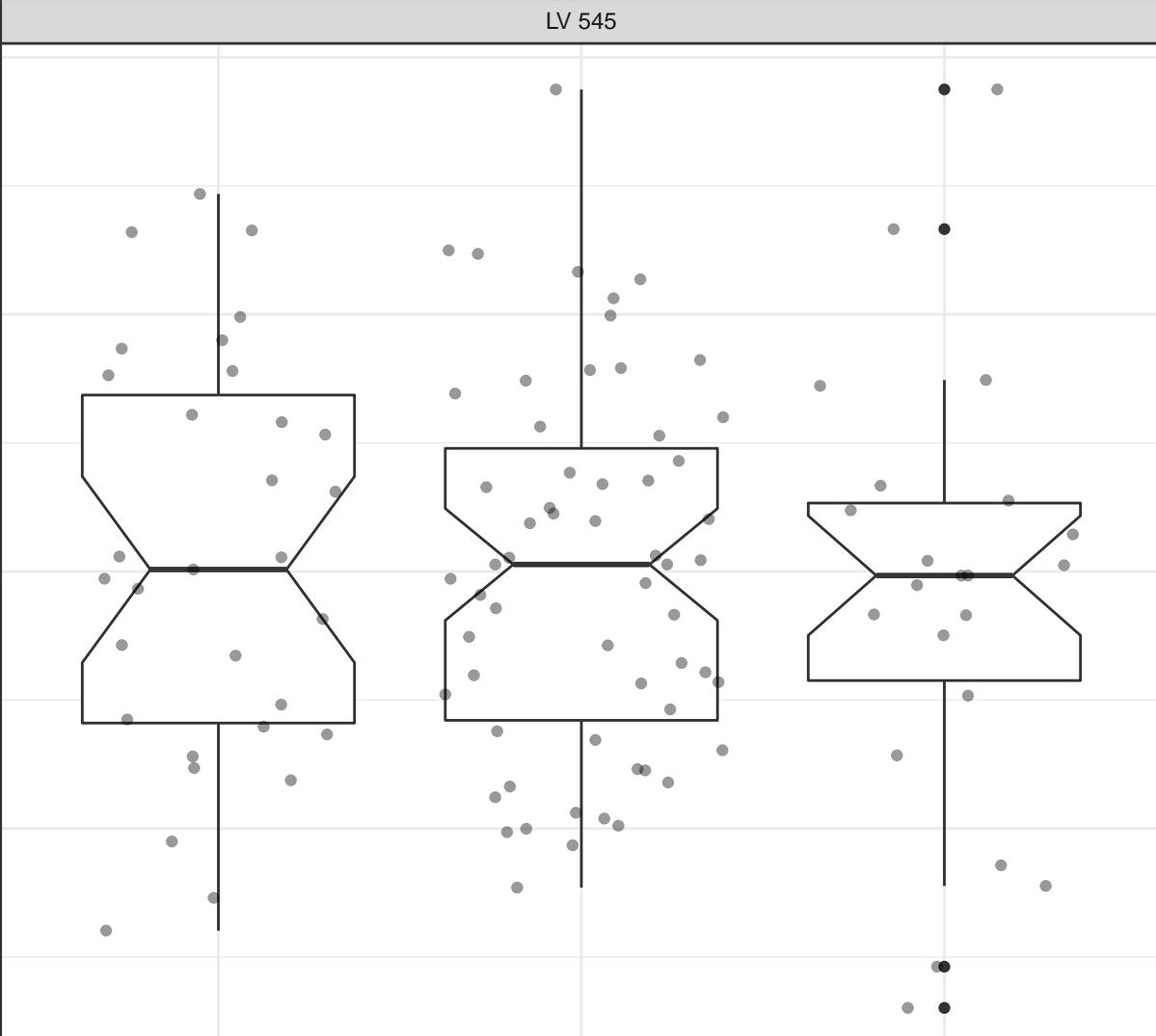
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

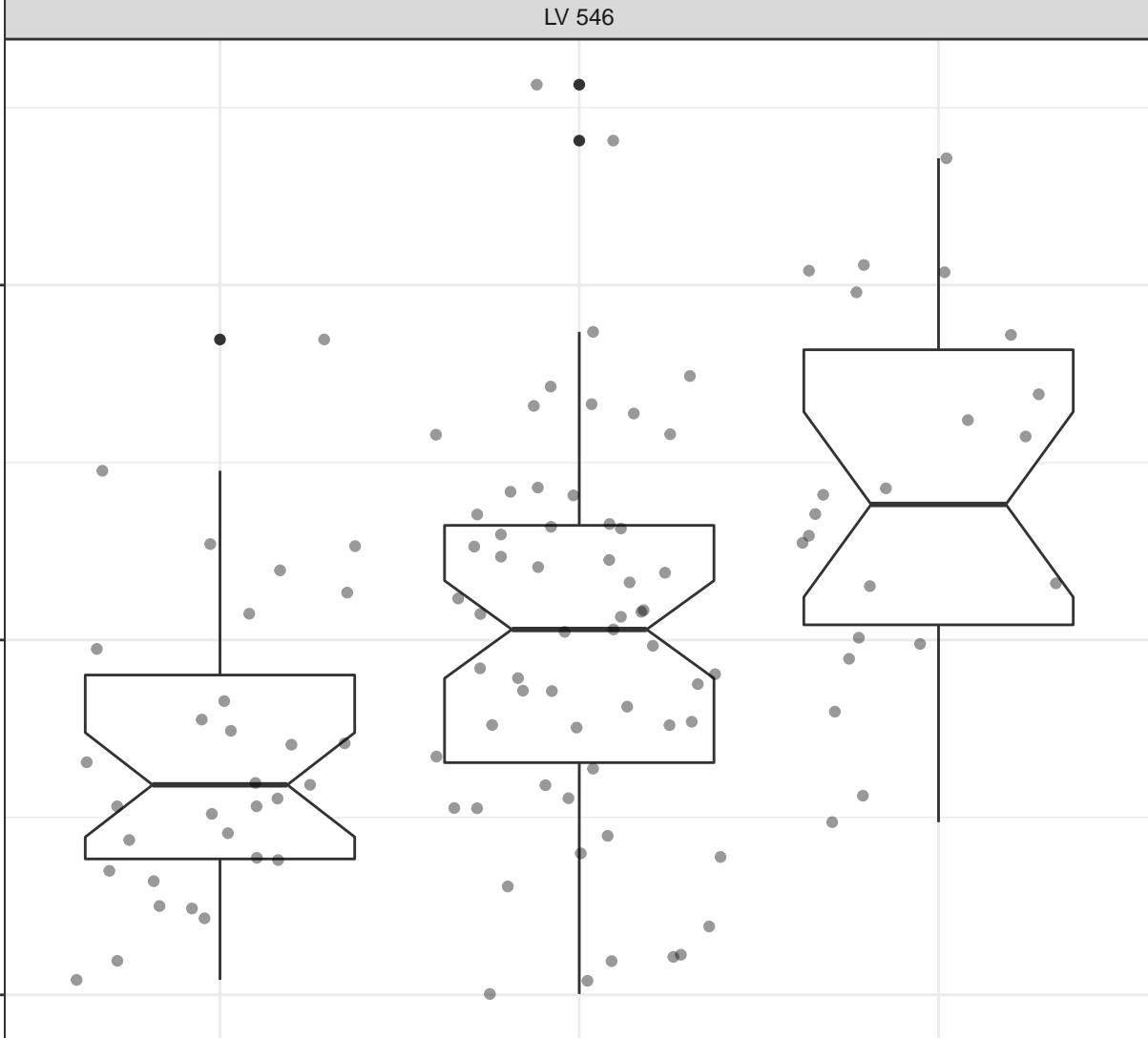
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 547

Value

0.08

0.04

0.00

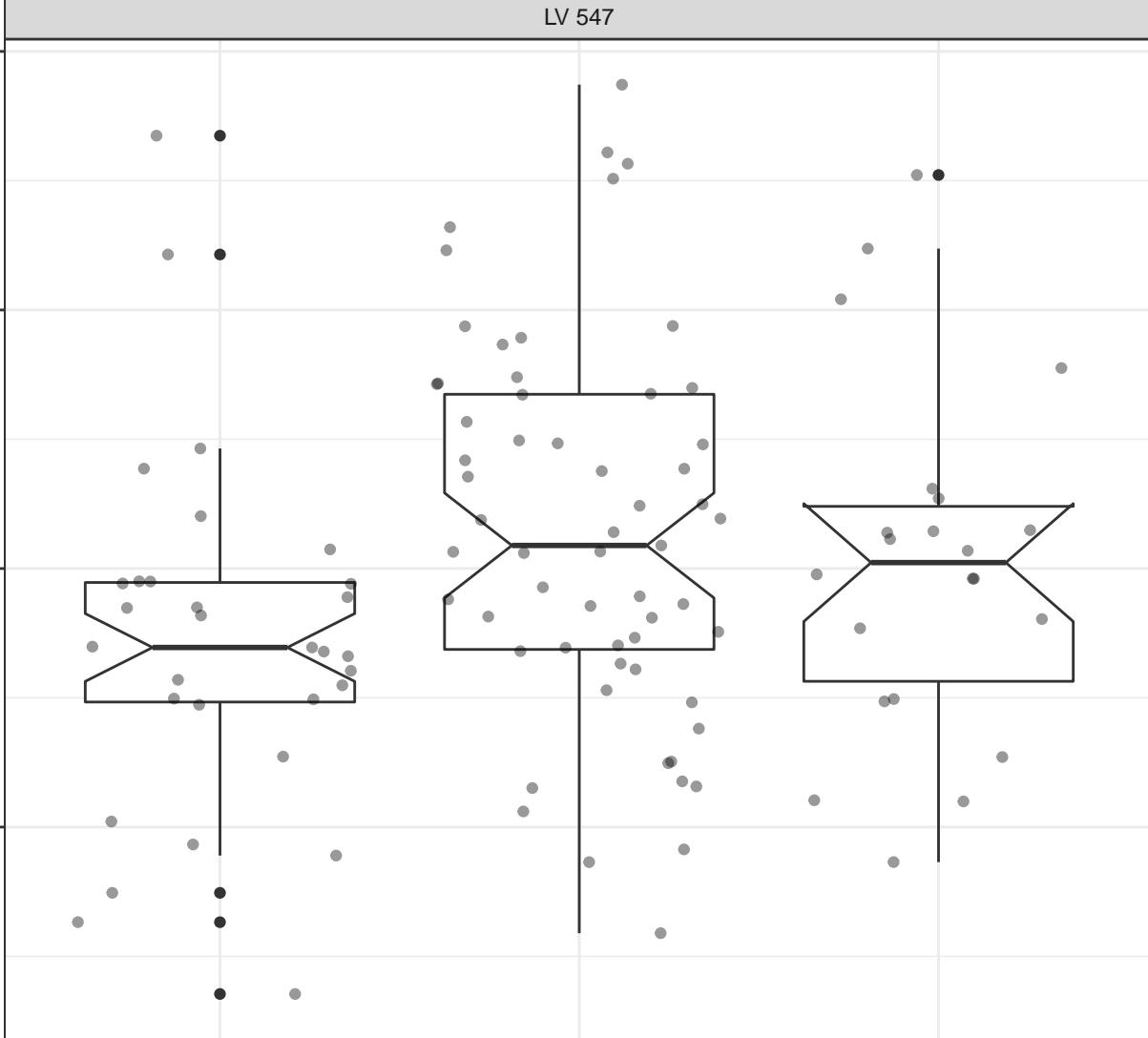
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.03

0.01

-0.01

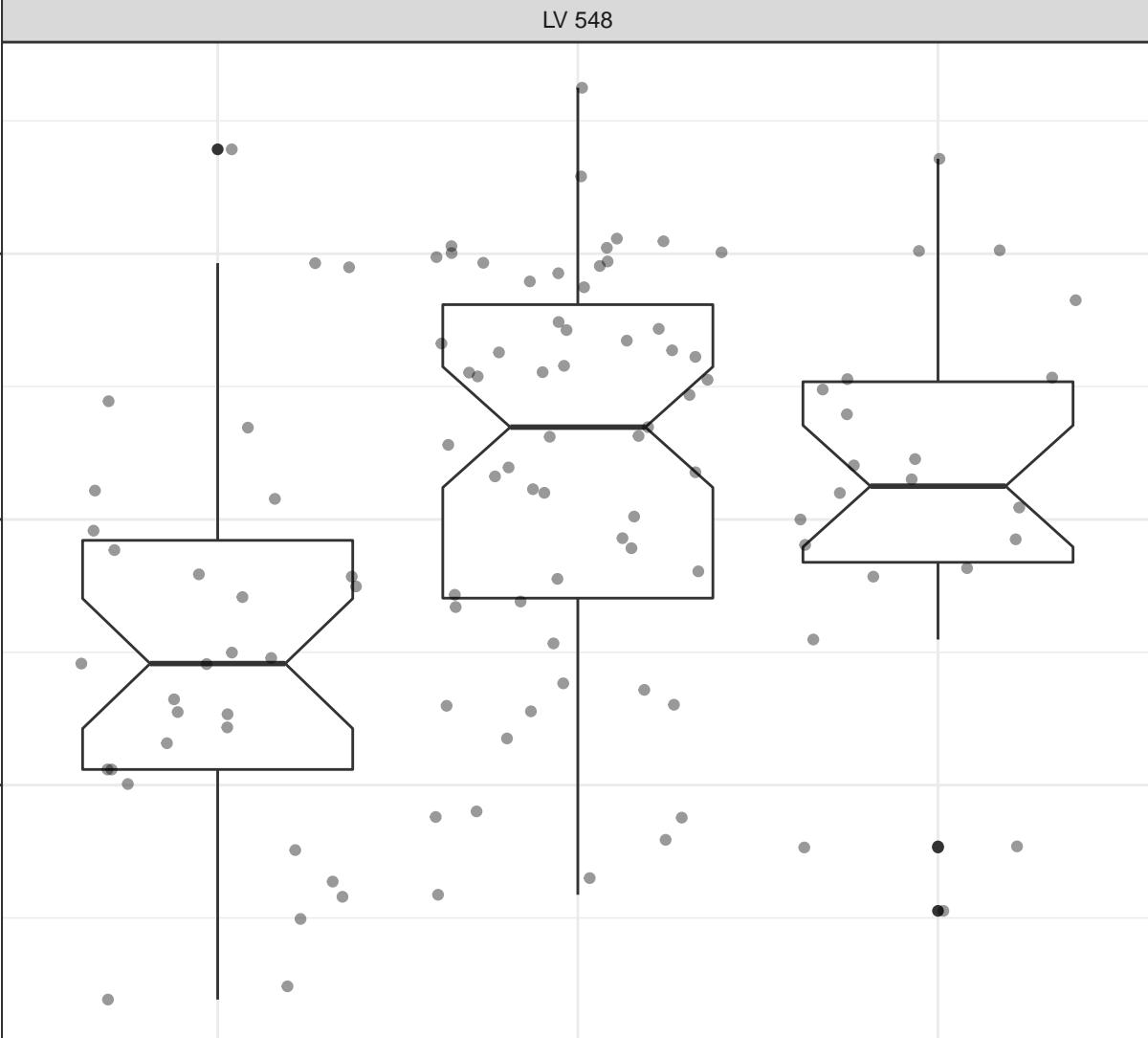
-0.03

Living donor control

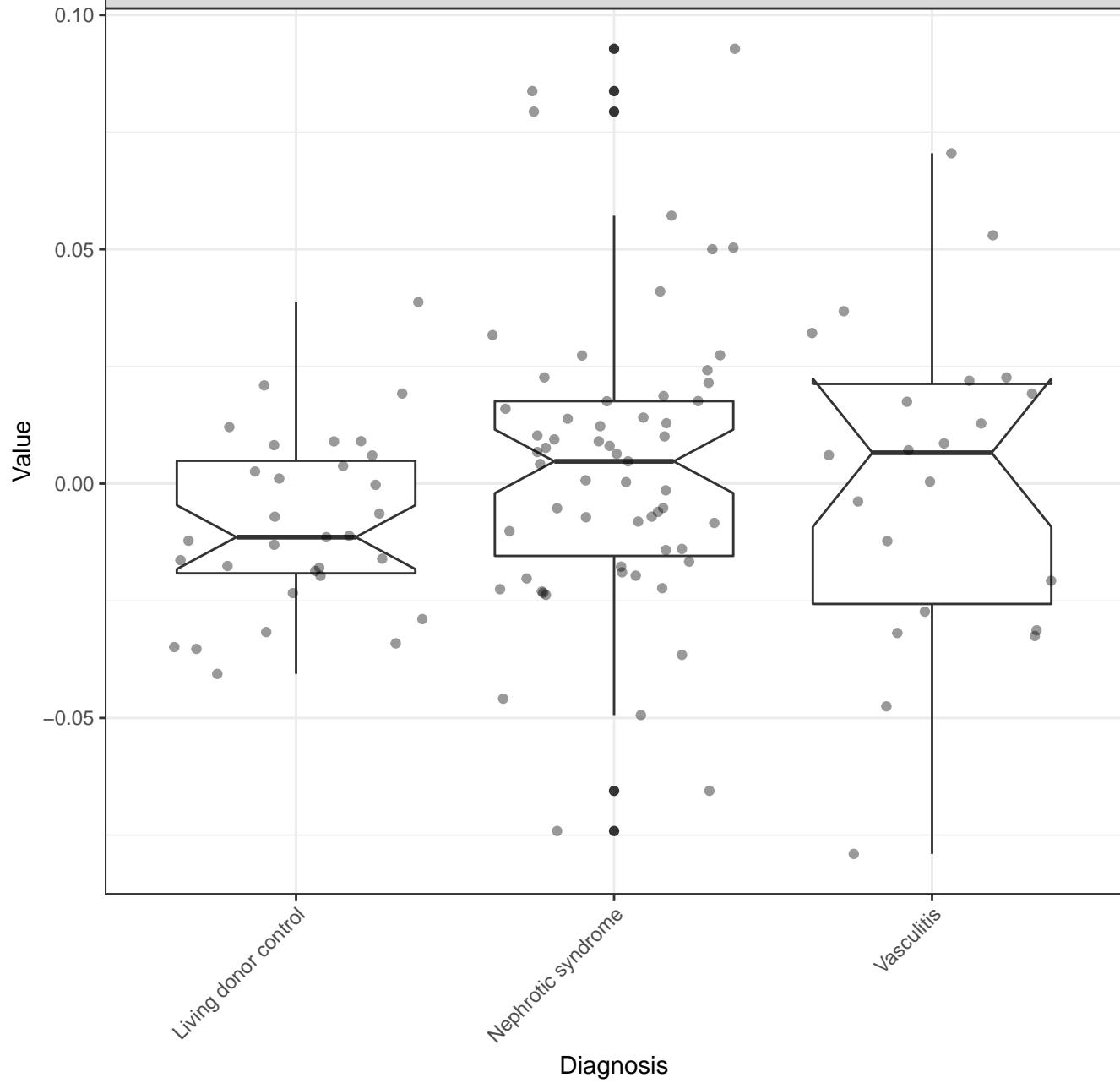
Nephrotic syndrome

Vasculitis

Diagnosis



LV 549



Value

0.05

0.00

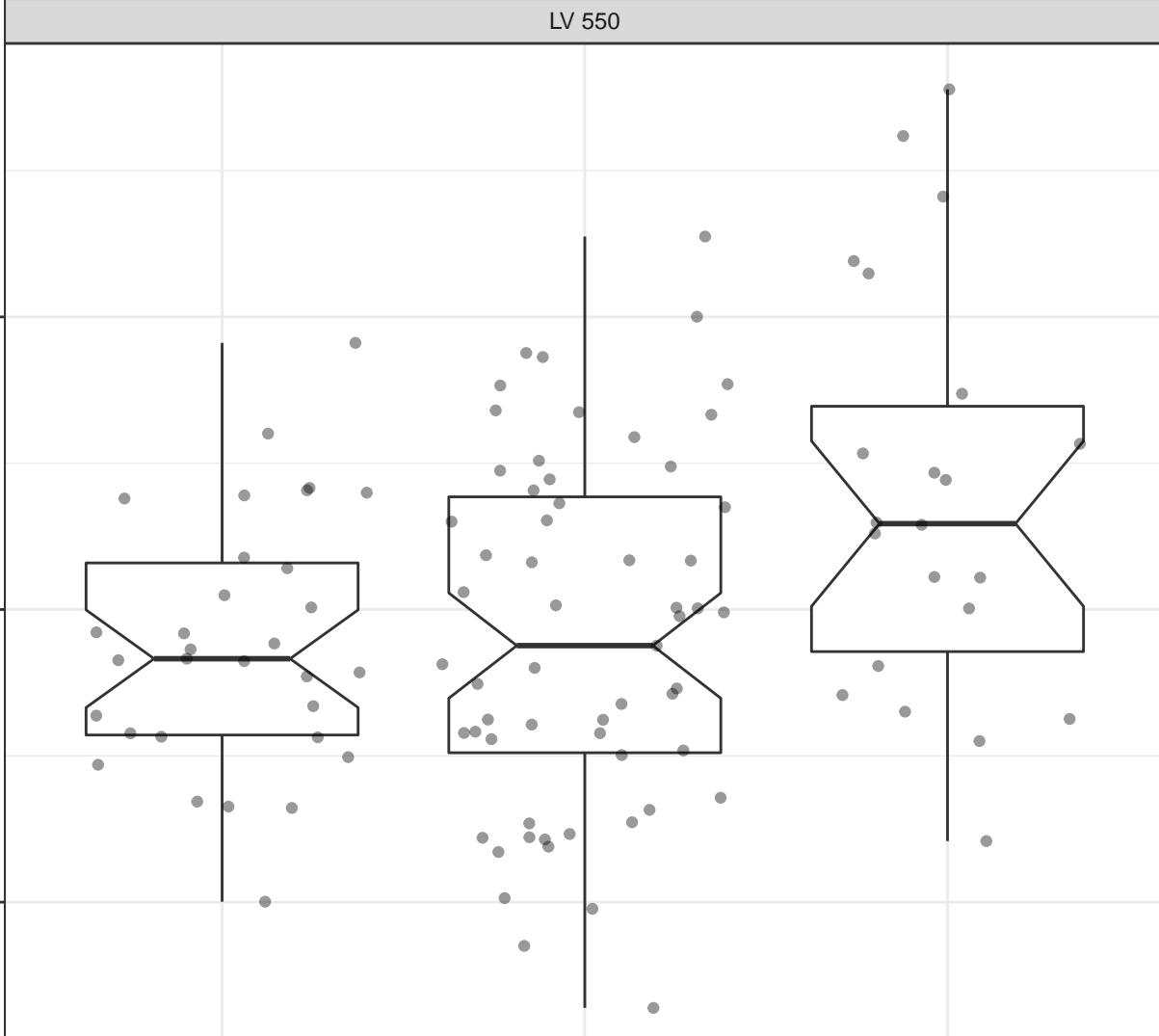
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

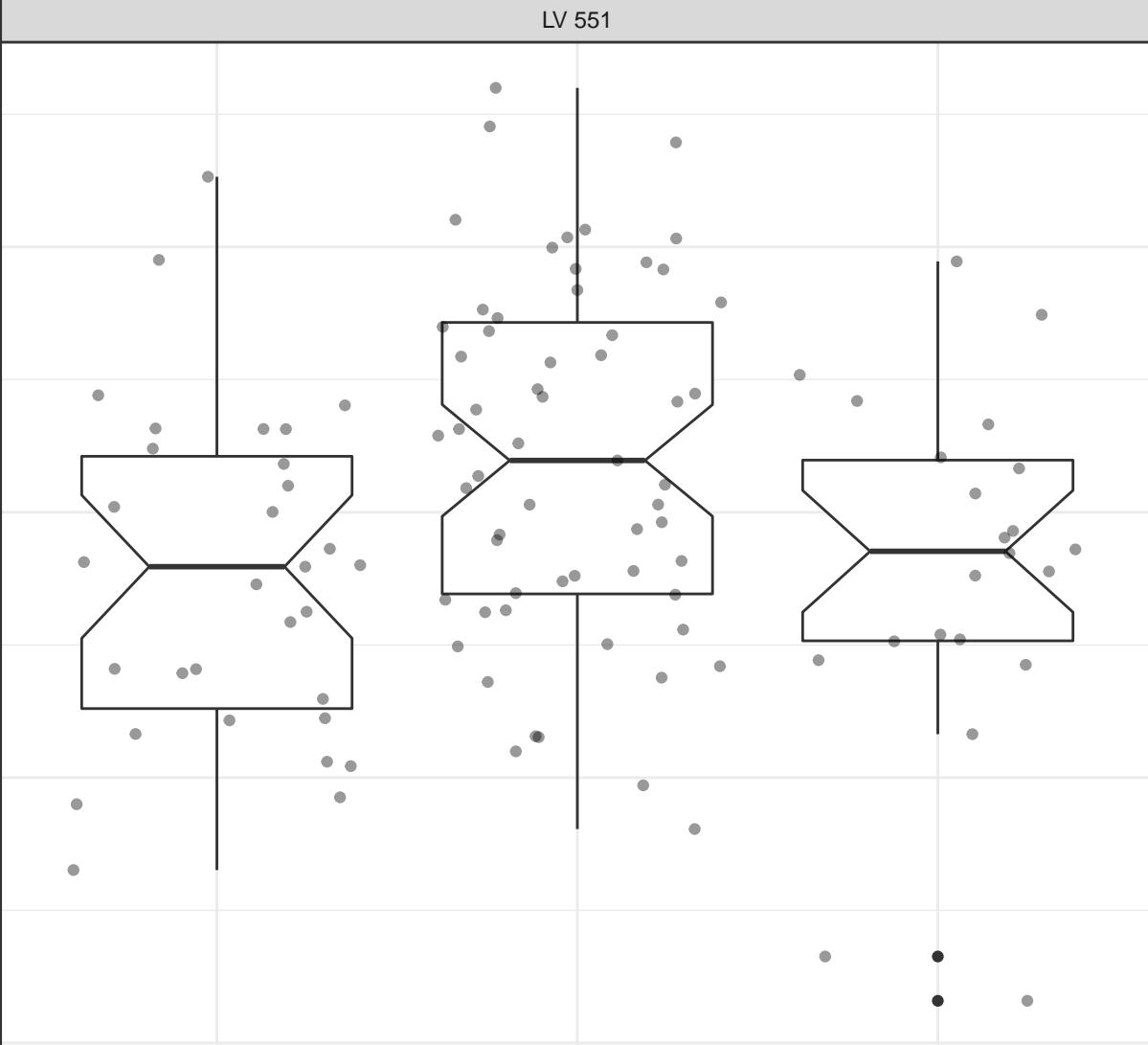
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

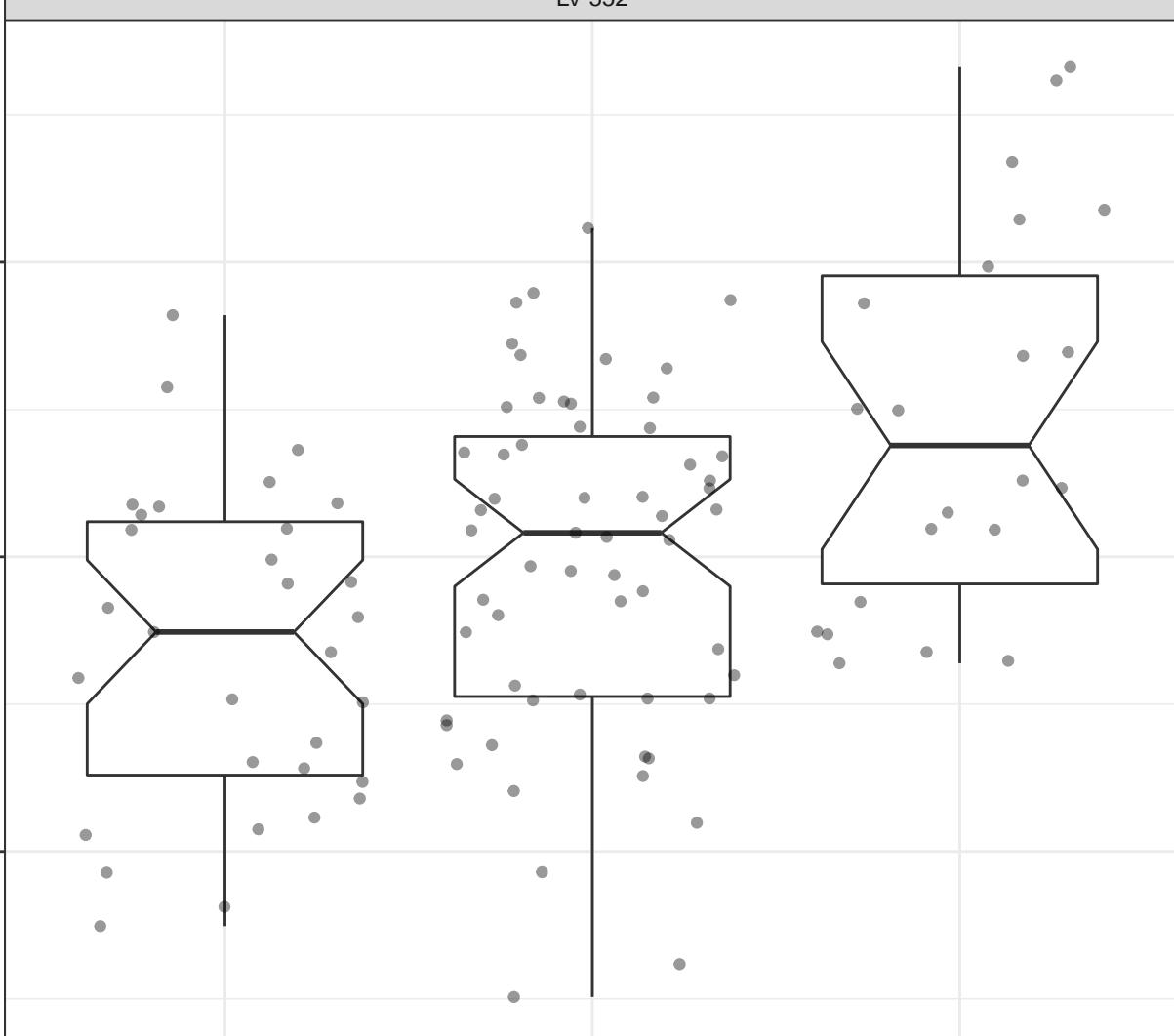
-0.05

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

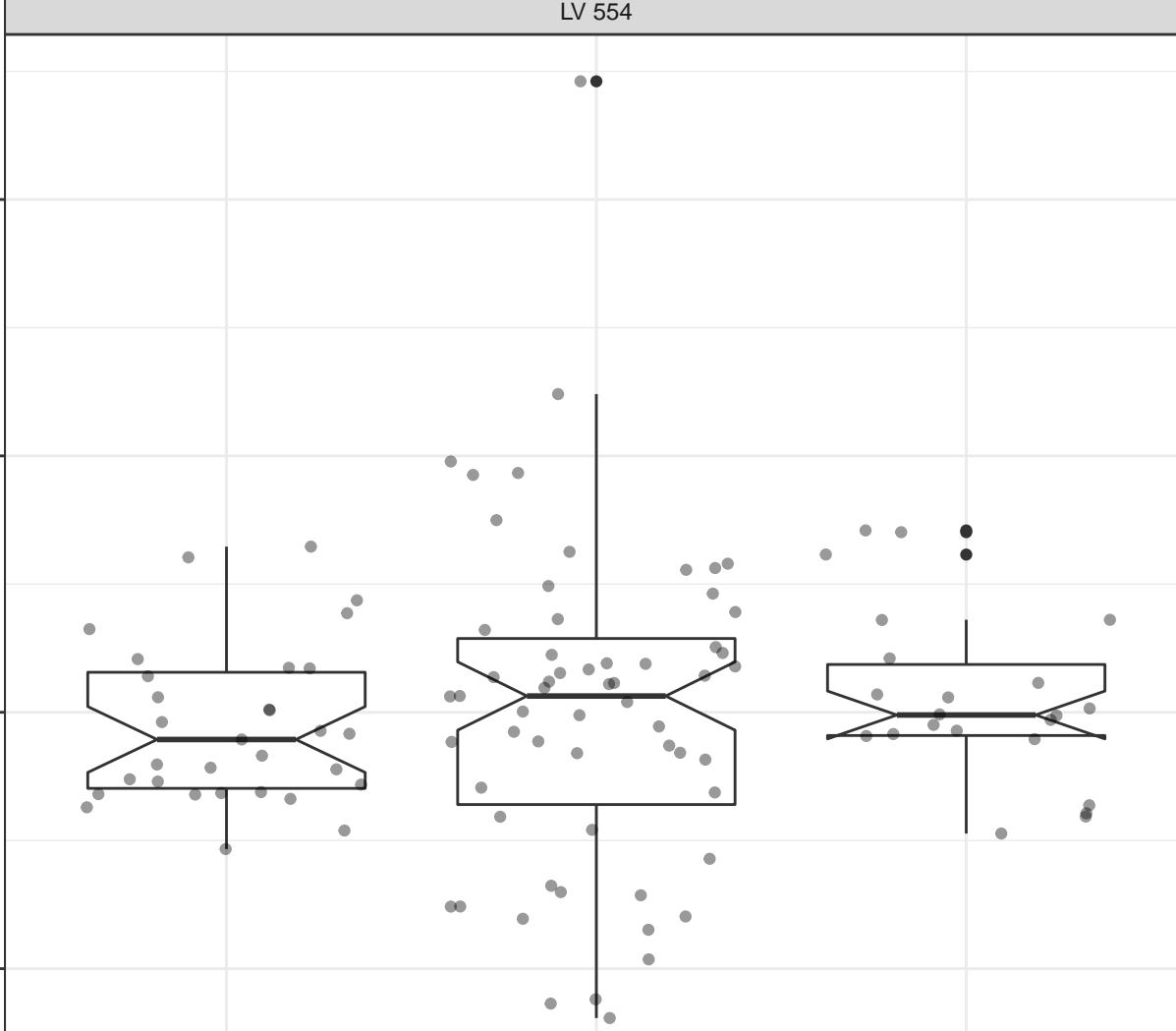
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 555

Value

0.05

0.00

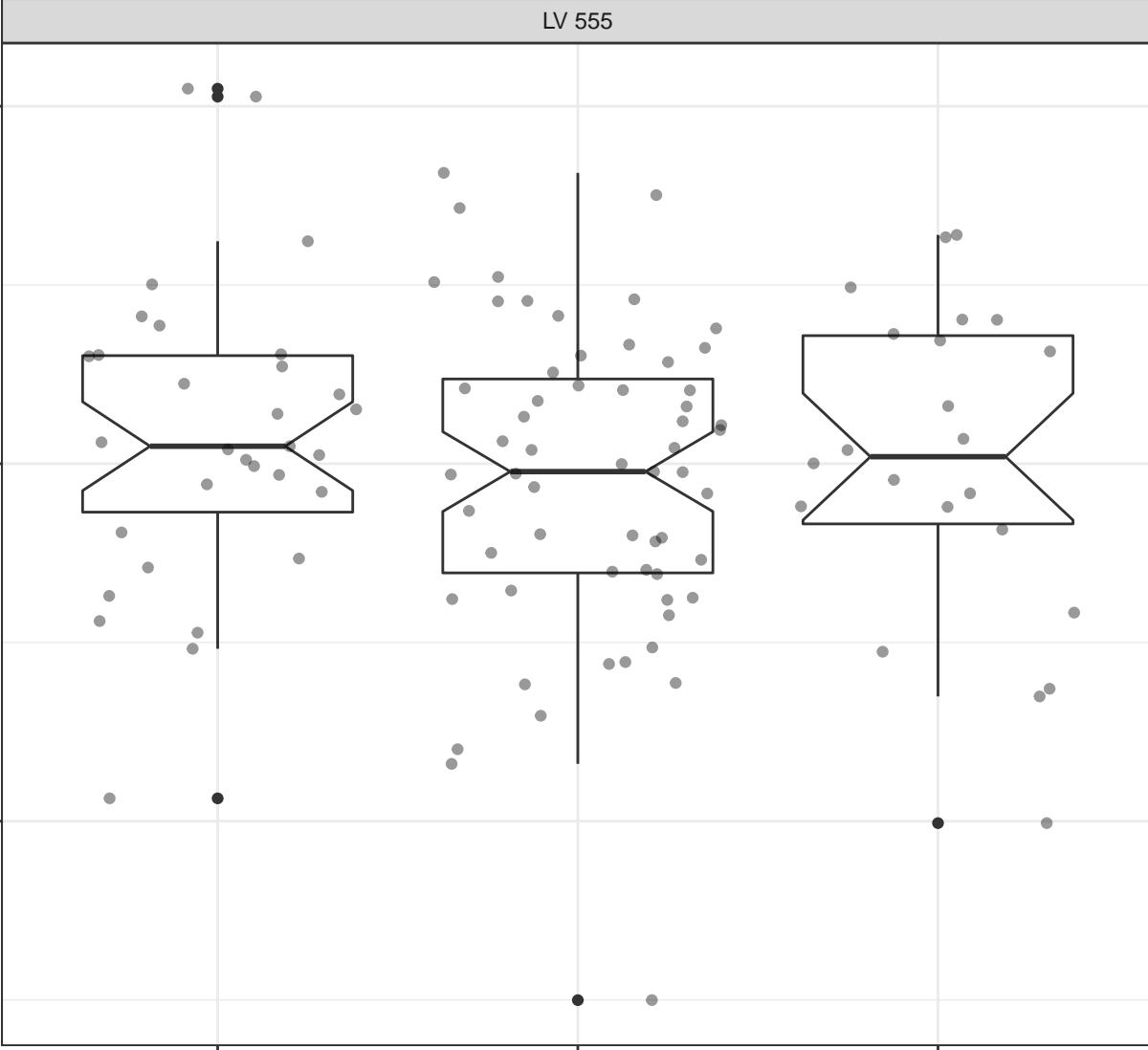
-0.05

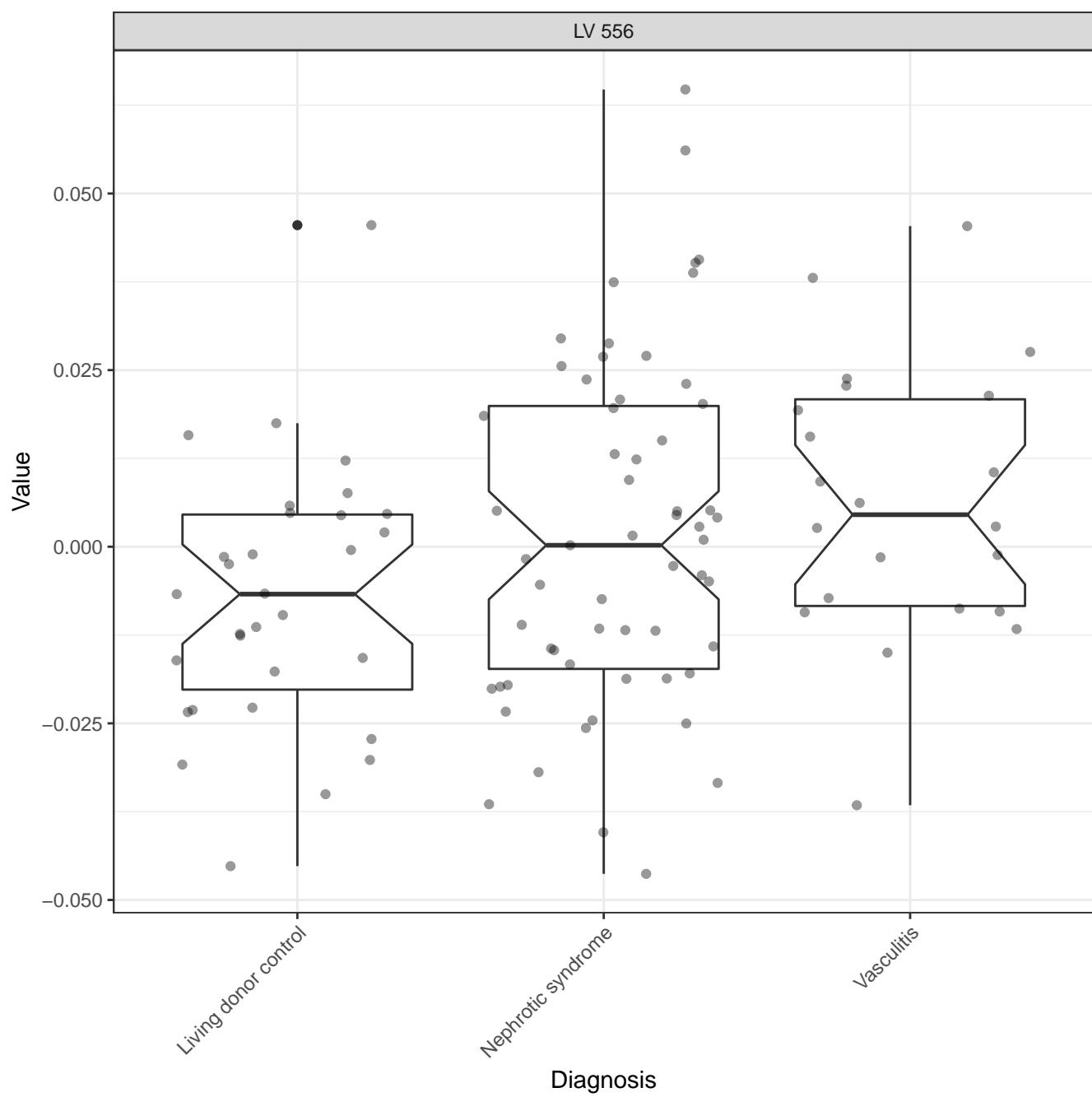
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





### 557,SVM Dendritic cells resting

Value

0.10

0.05

0.00

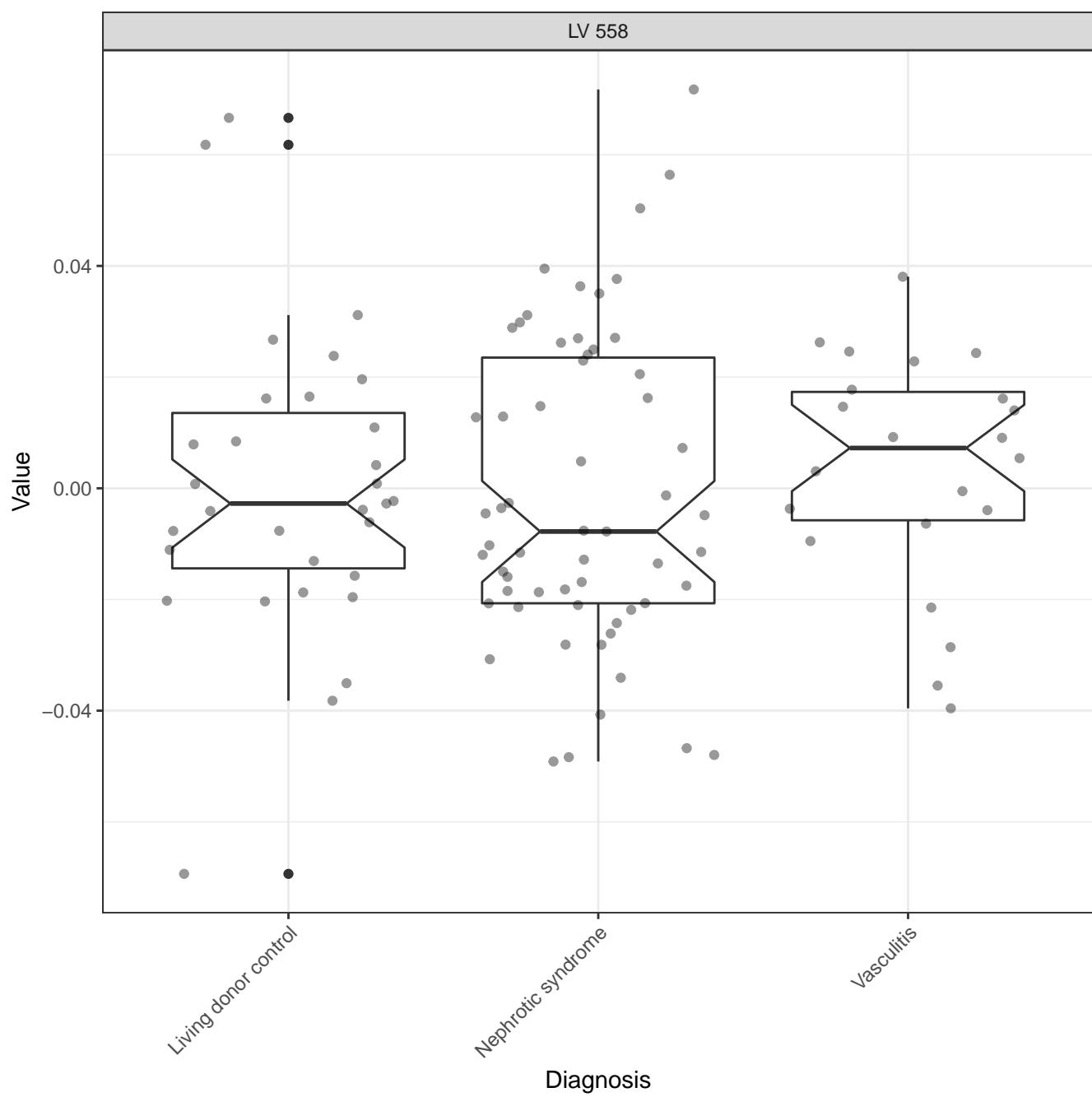
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 559

Value

0.05

0.01

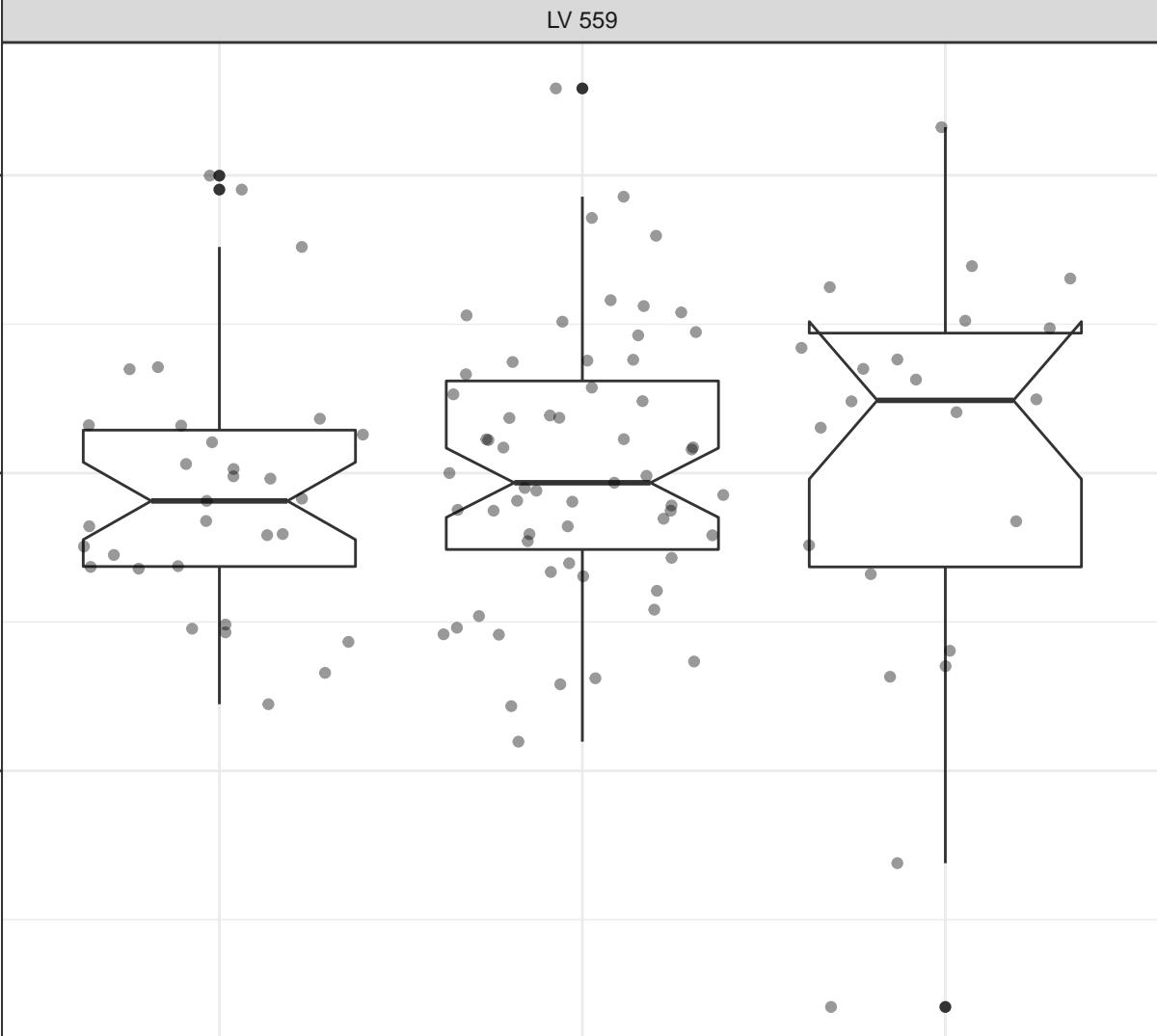
-0.05

Living donor control

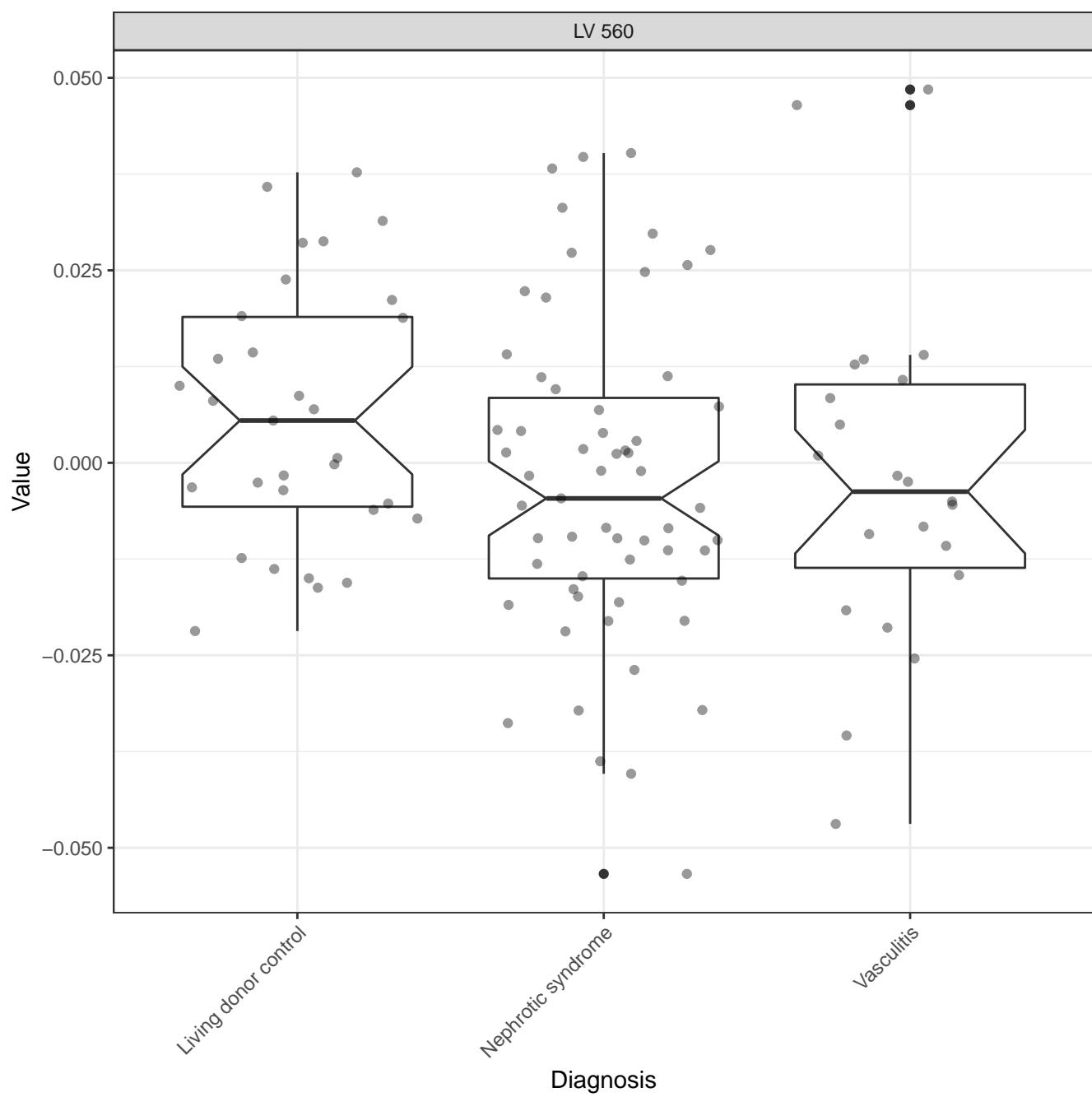
Nephrotic syndrome

Vasculitis

Diagnosis



LV 560



Value

0.05

0.01

-0.05

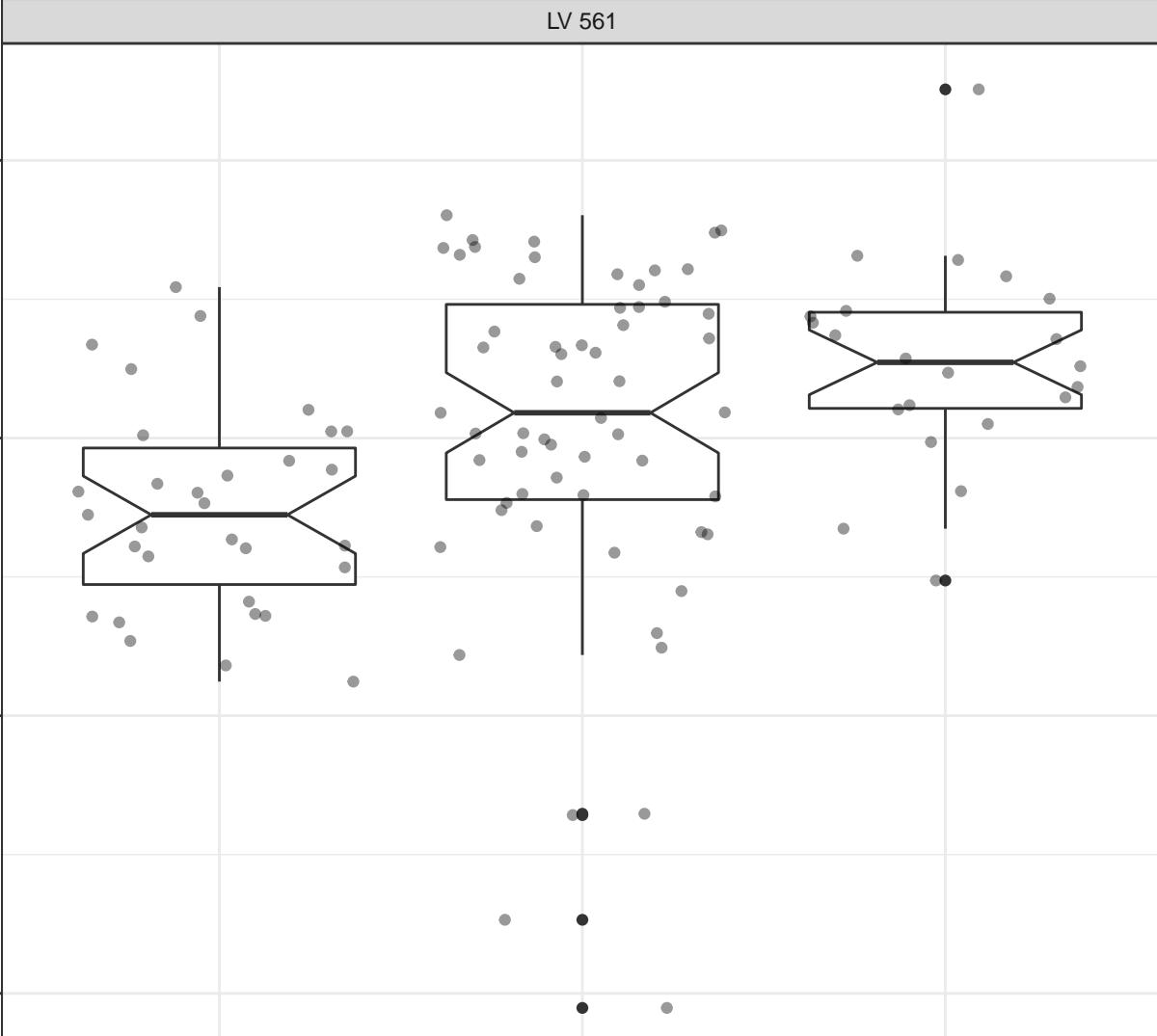
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 562

Value

0.04

0.02

0.00

-0.02

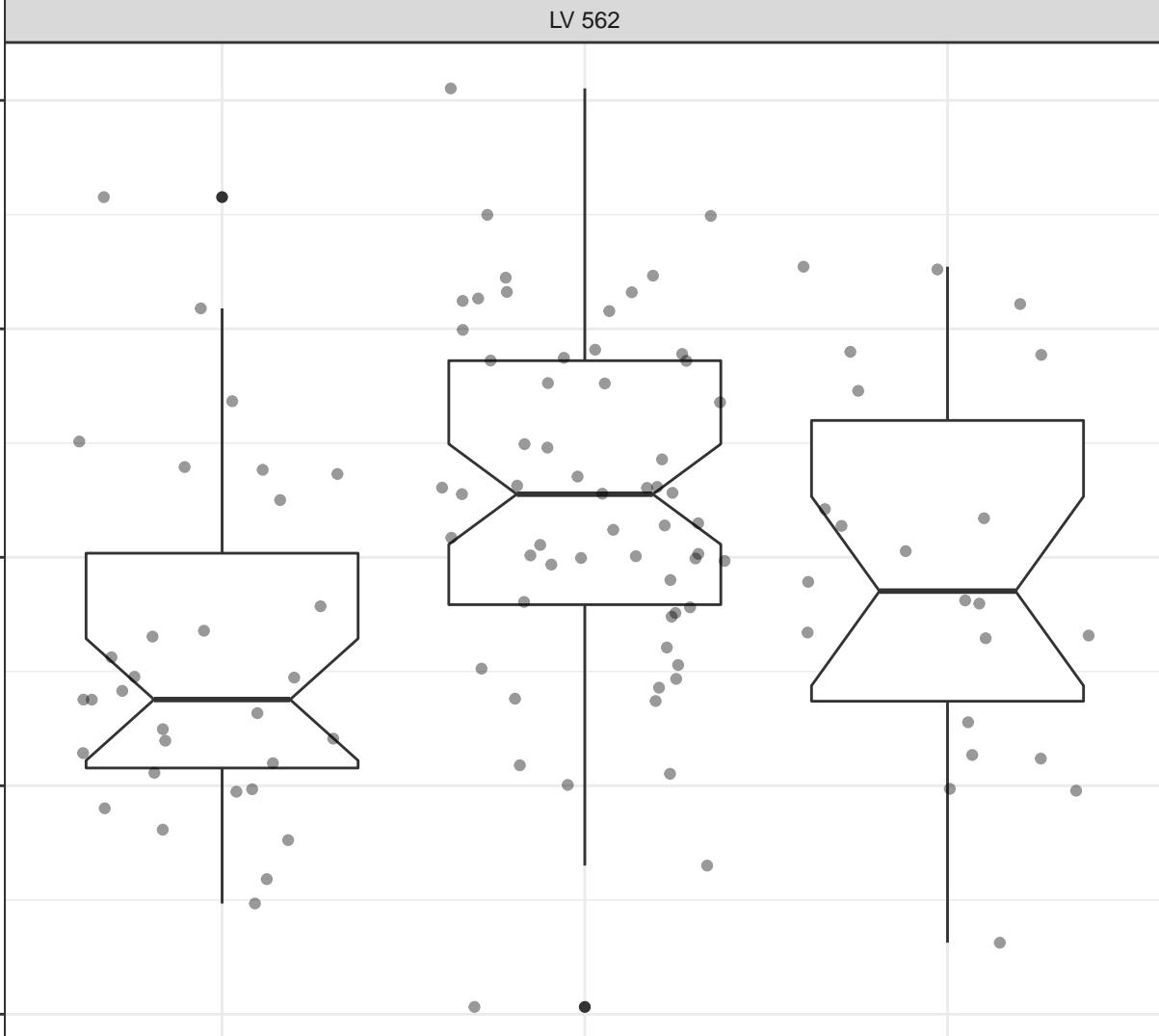
-0.04

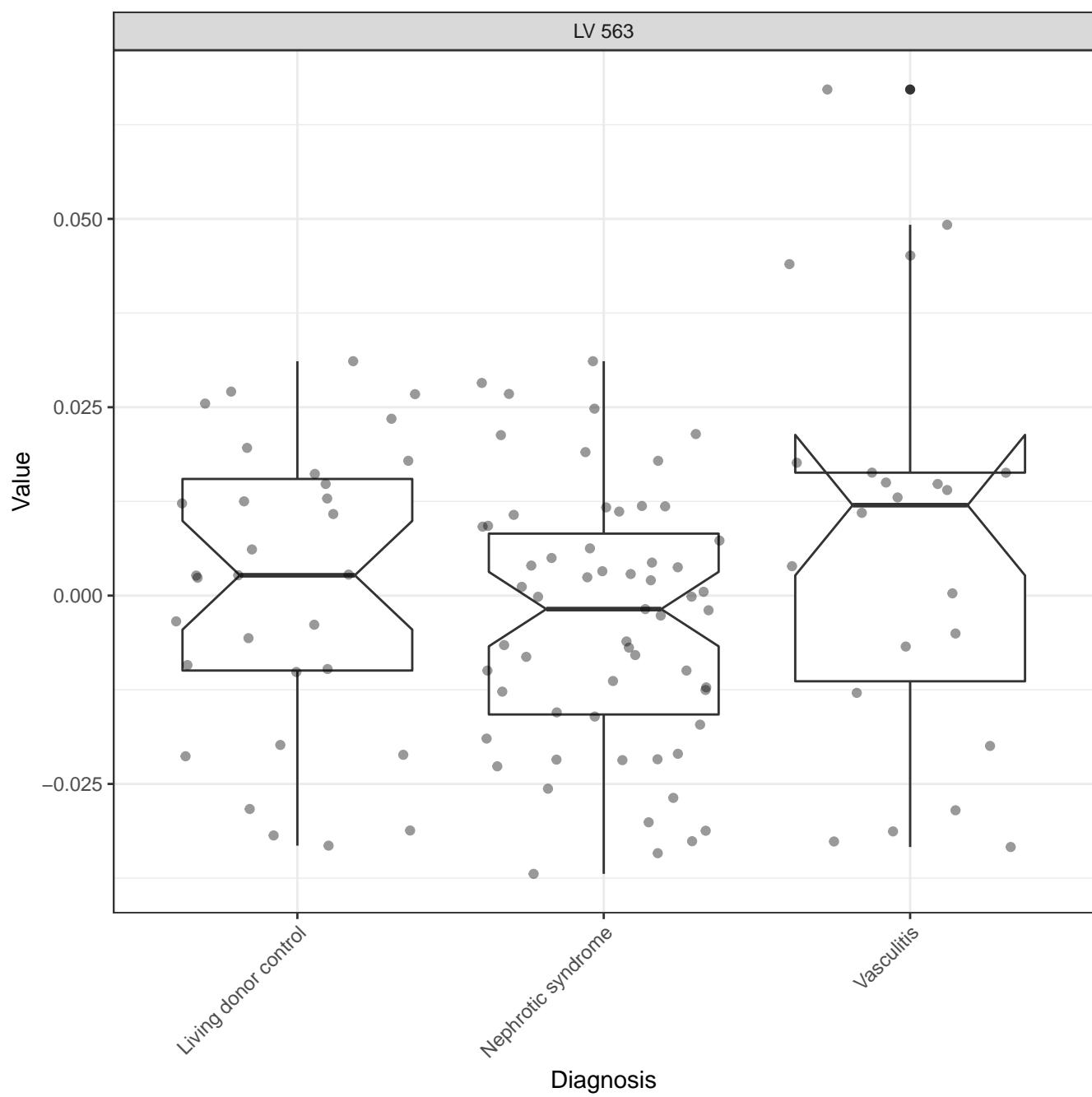
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.10

0.05

0.00

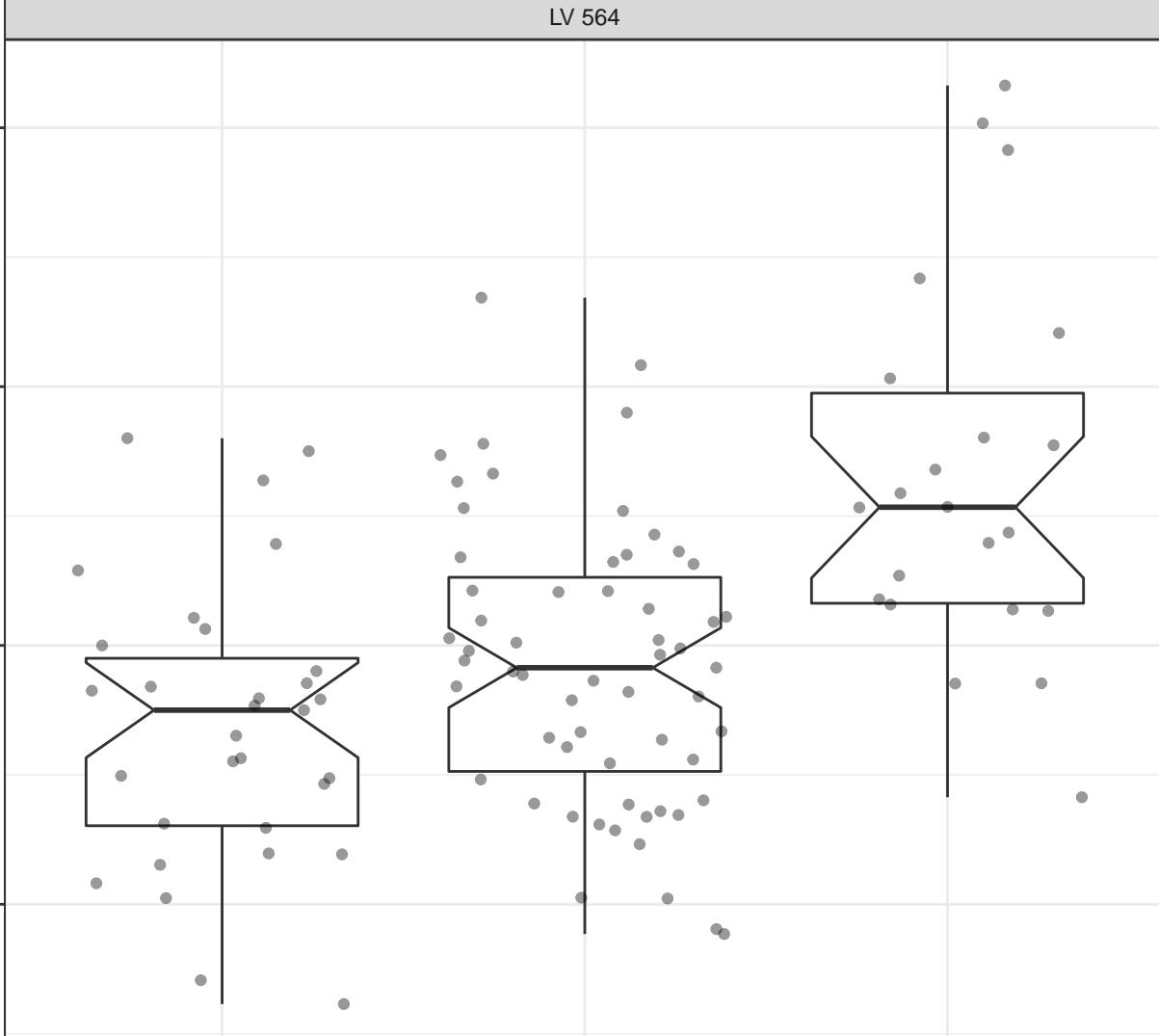
-0.05

Living donor control

Nephrotic syndrome

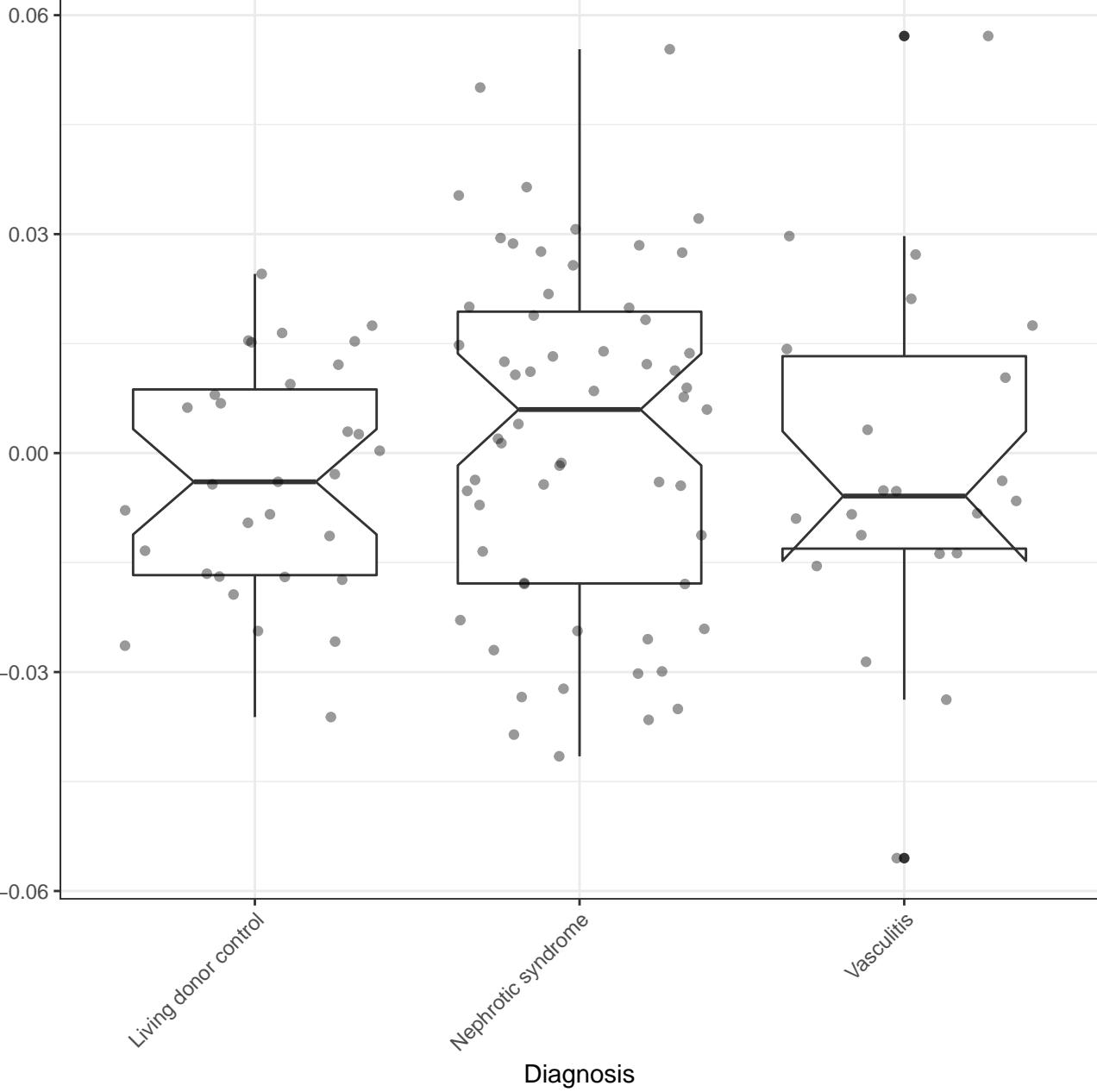
Vasculitis

Diagnosis

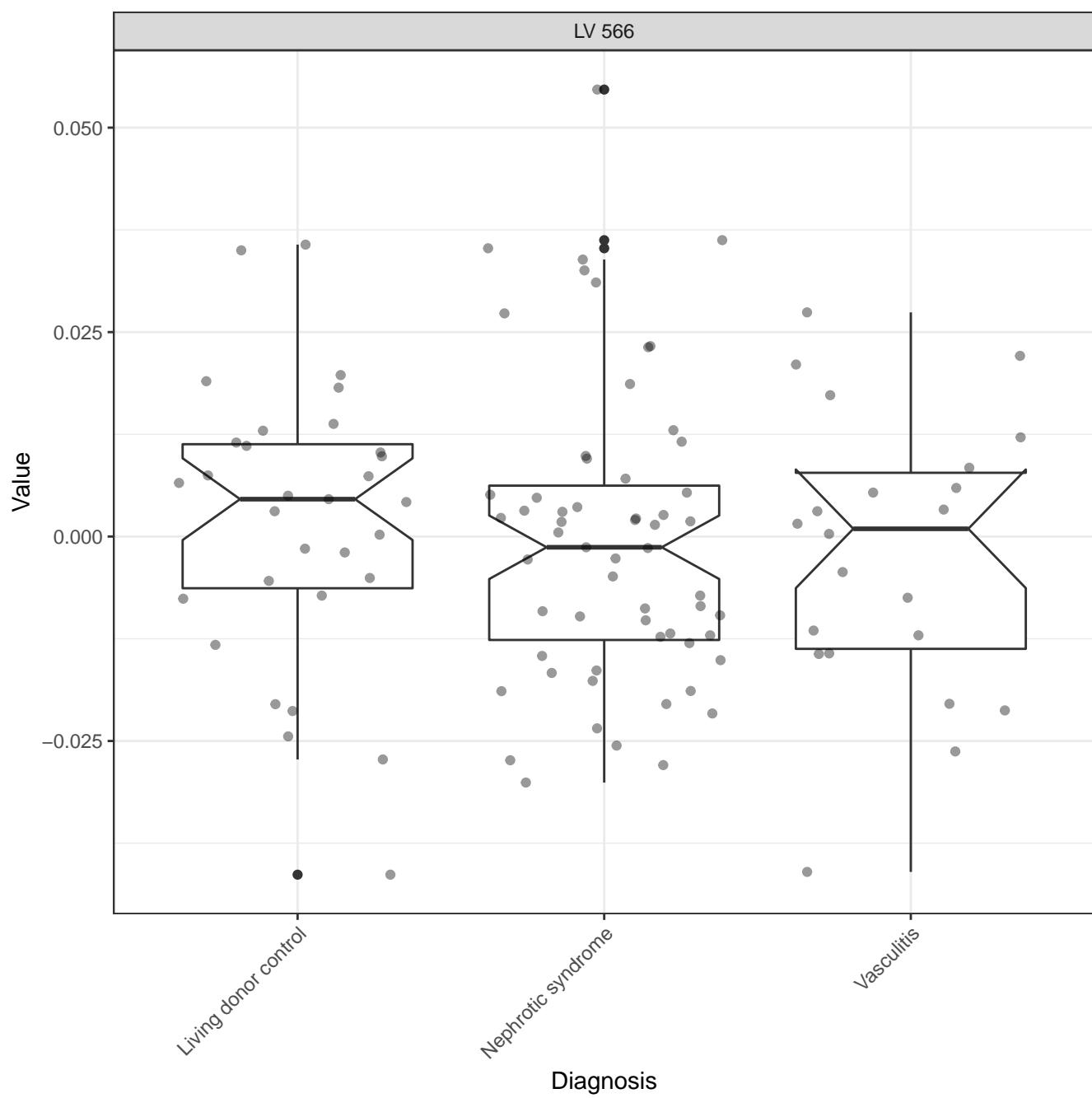


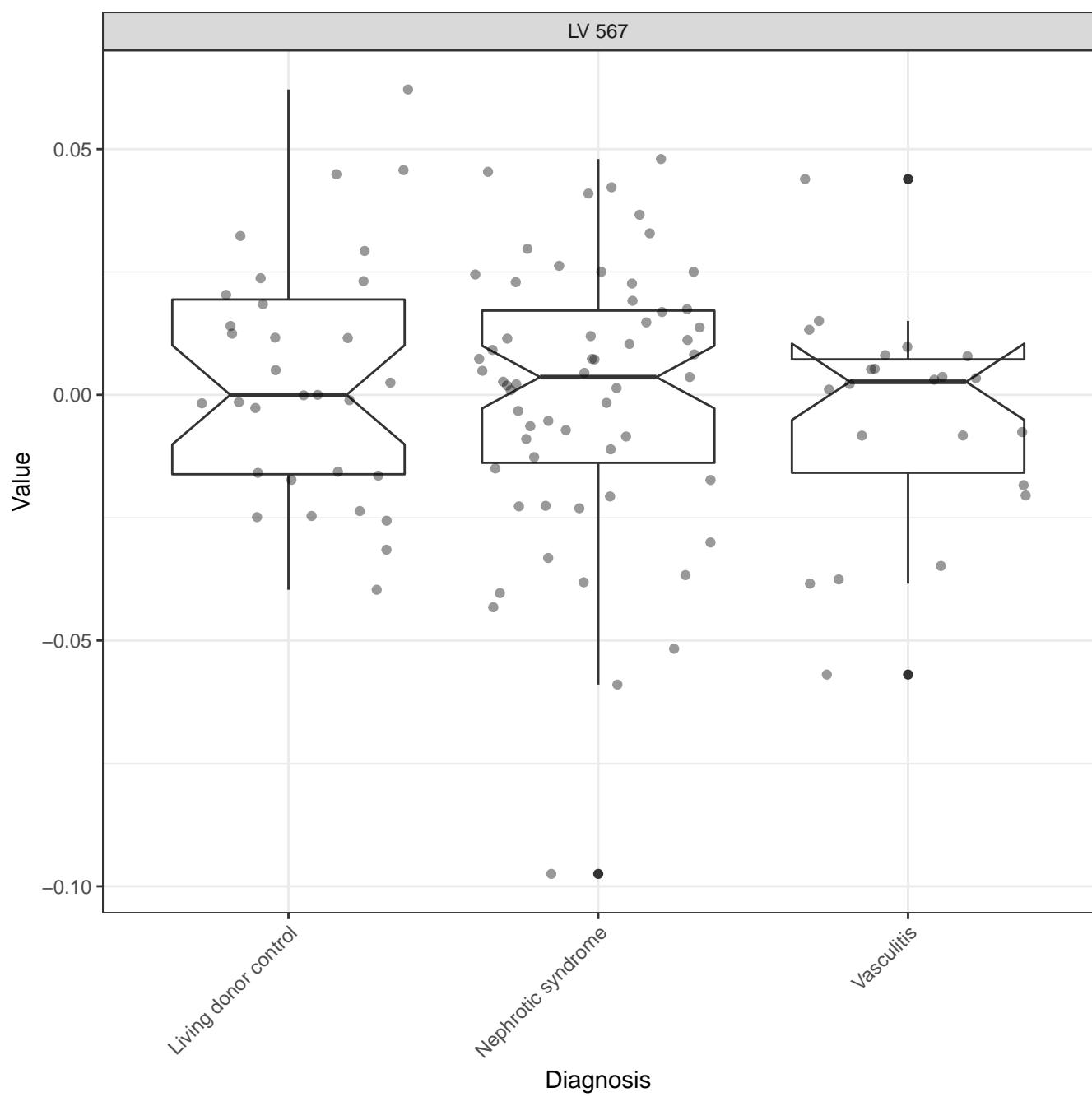
LV 565

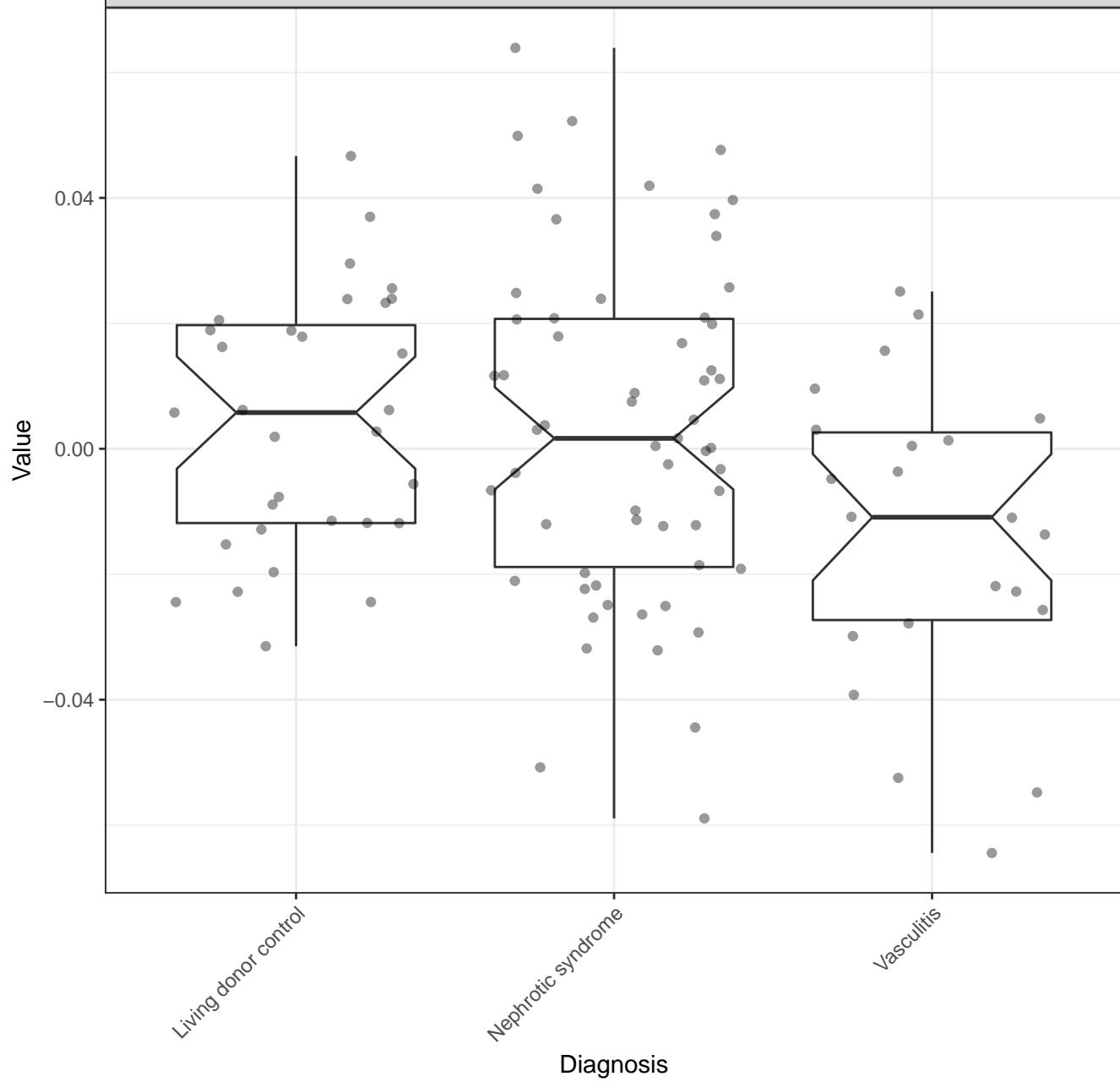
Value



LV 566







Value

0.05

0.00

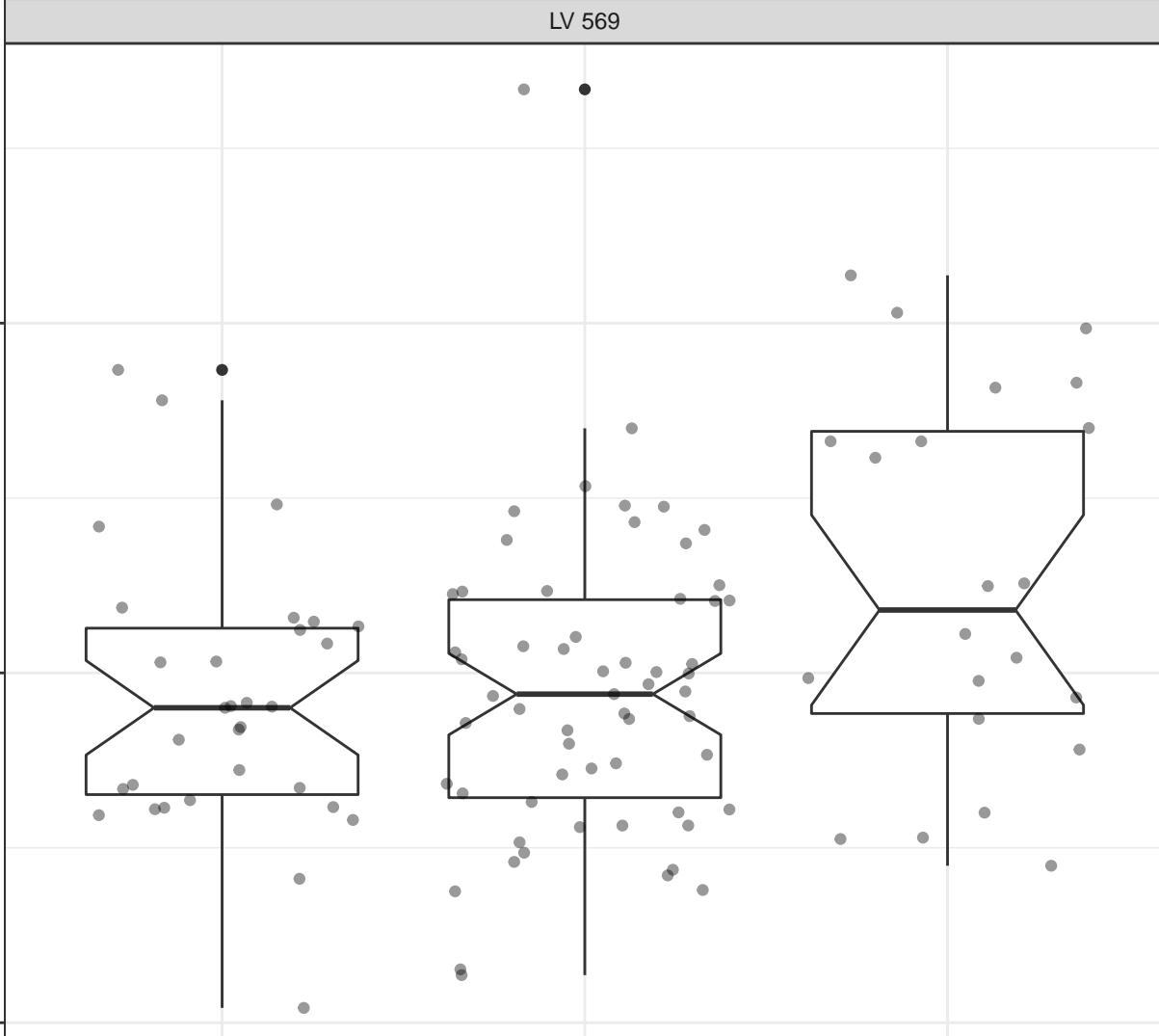
-0.05

Living donor control

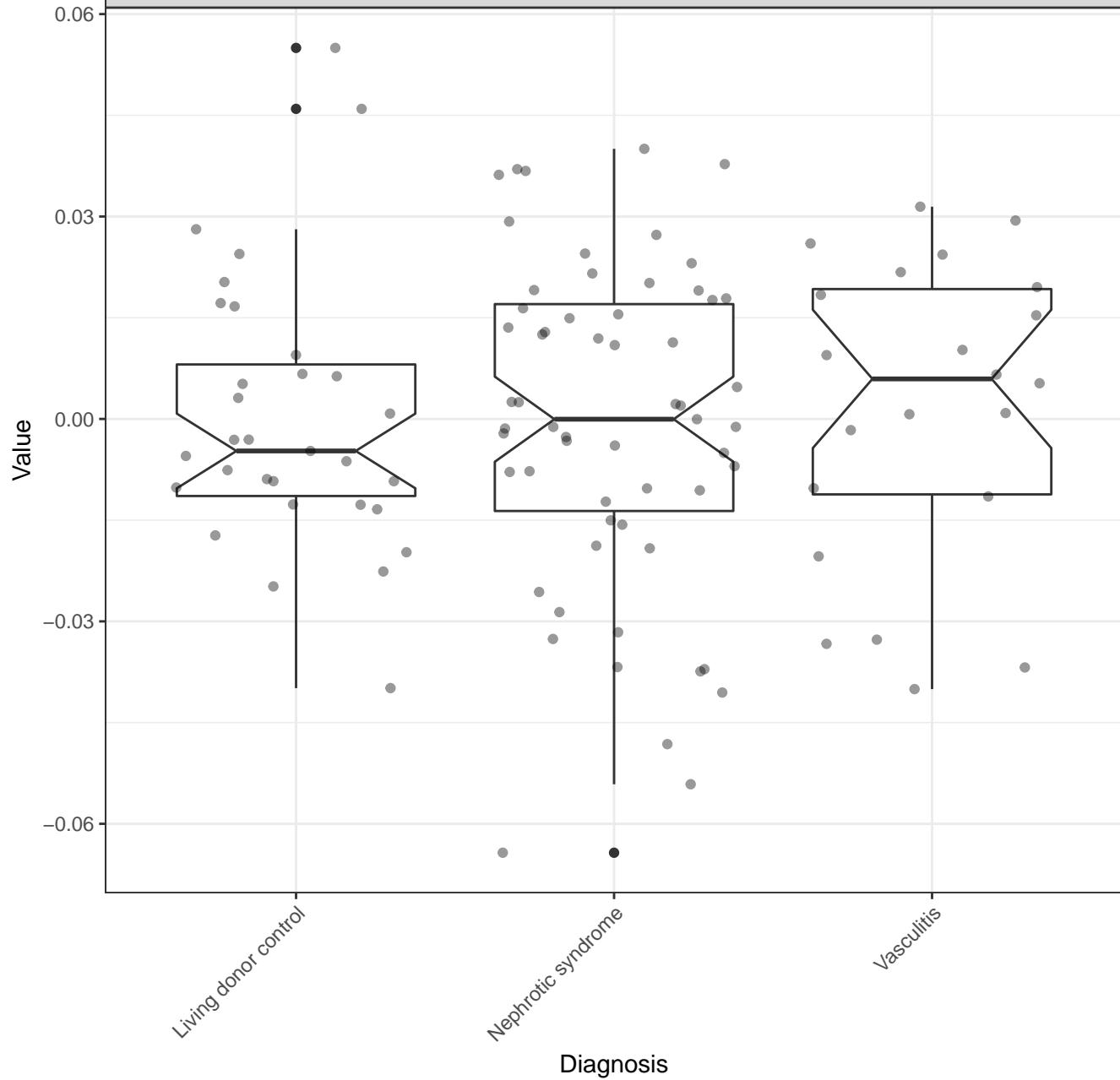
Nephrotic syndrome

Vasculitis

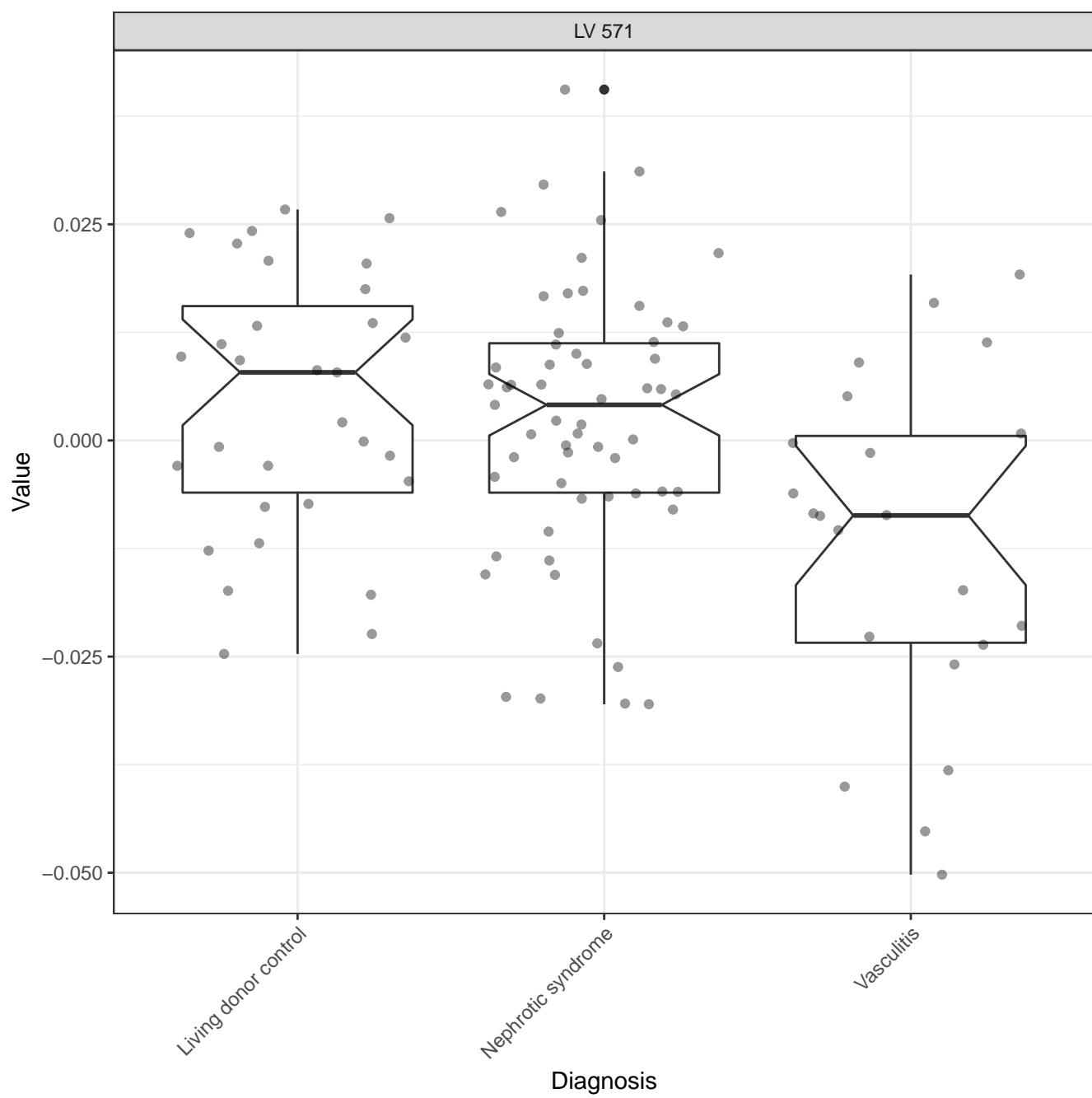
Diagnosis



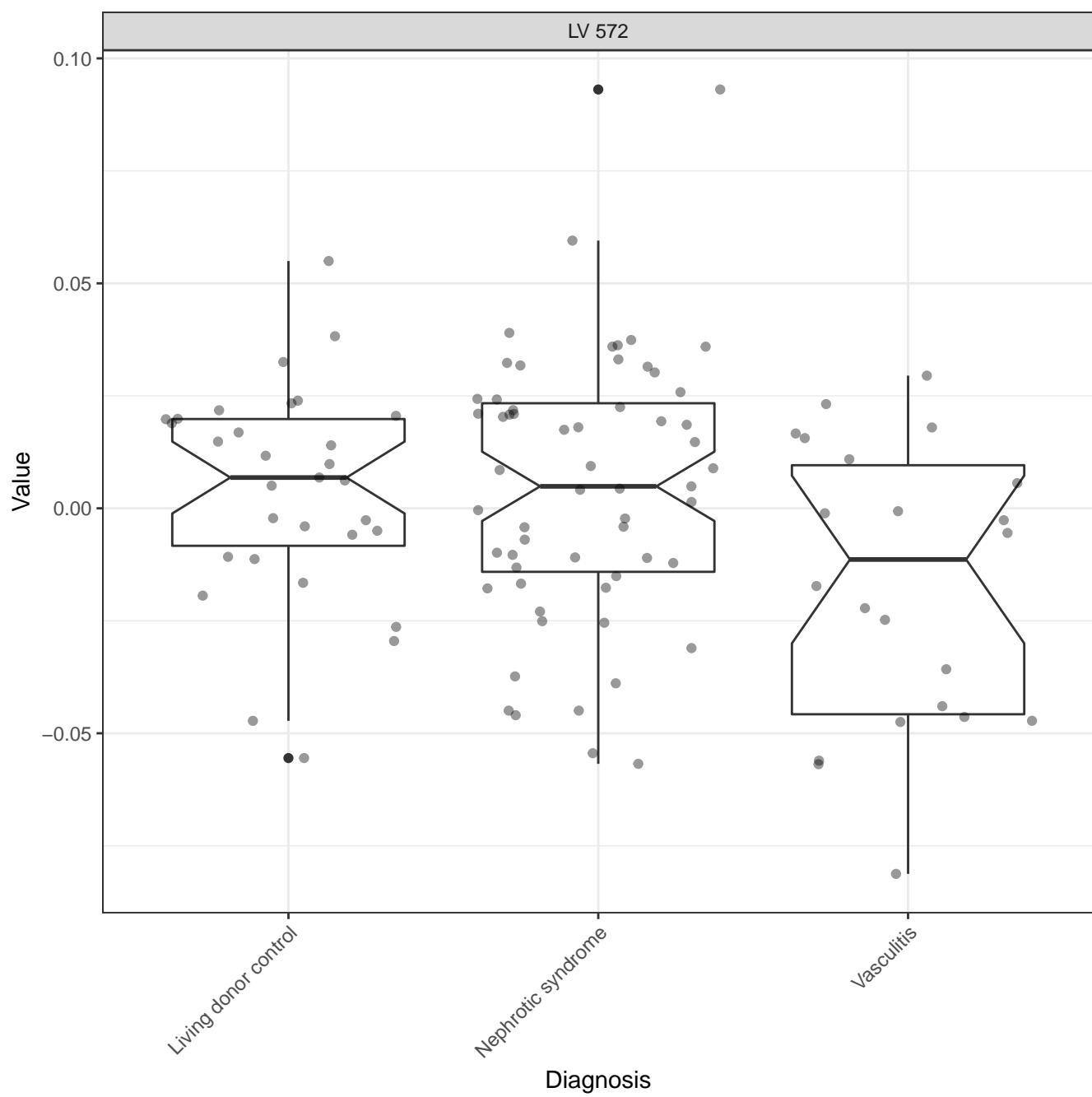
LV 570



LV 571



LV 572



Value

0.03

0.00

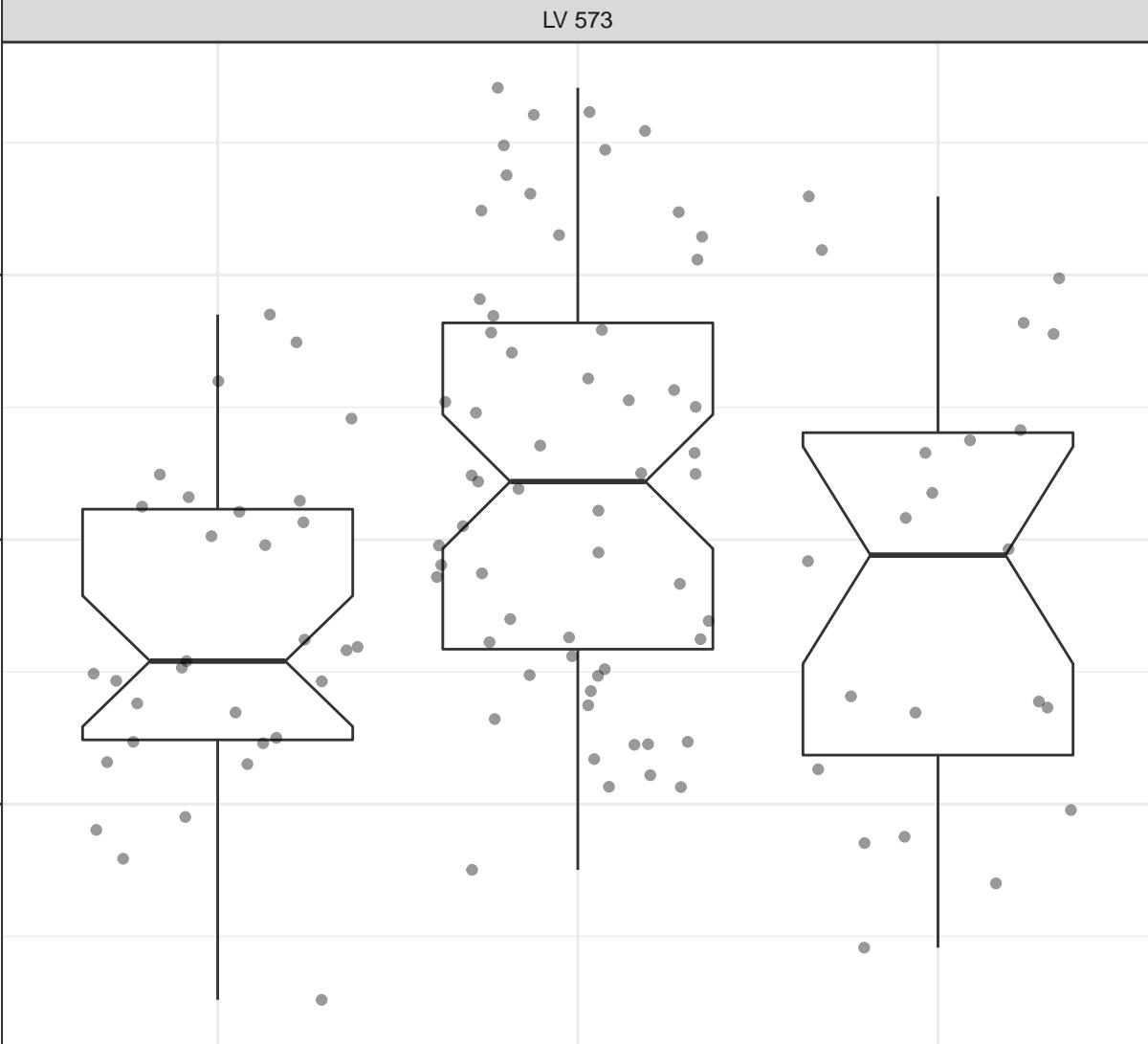
-0.03

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

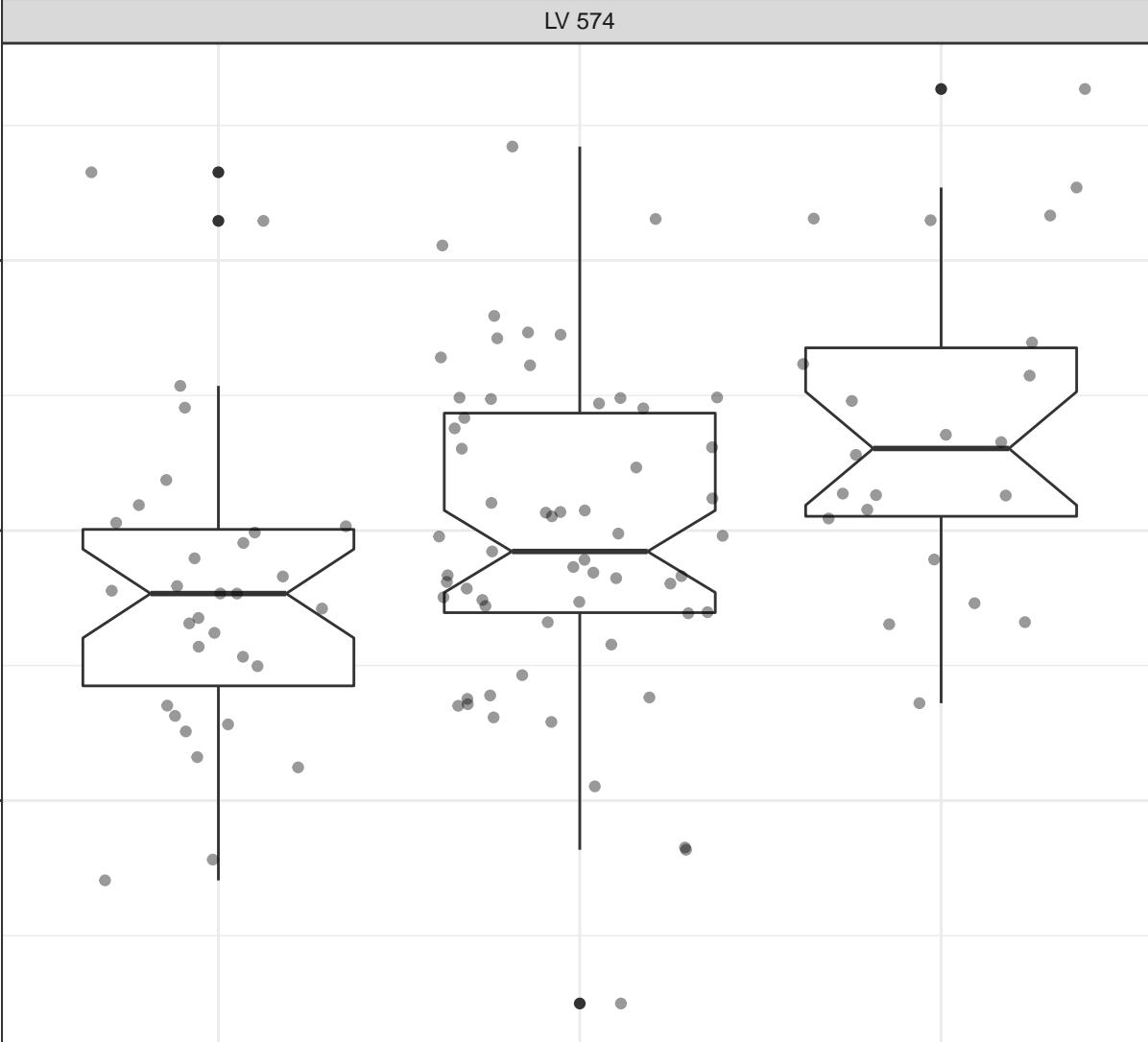
-0.04

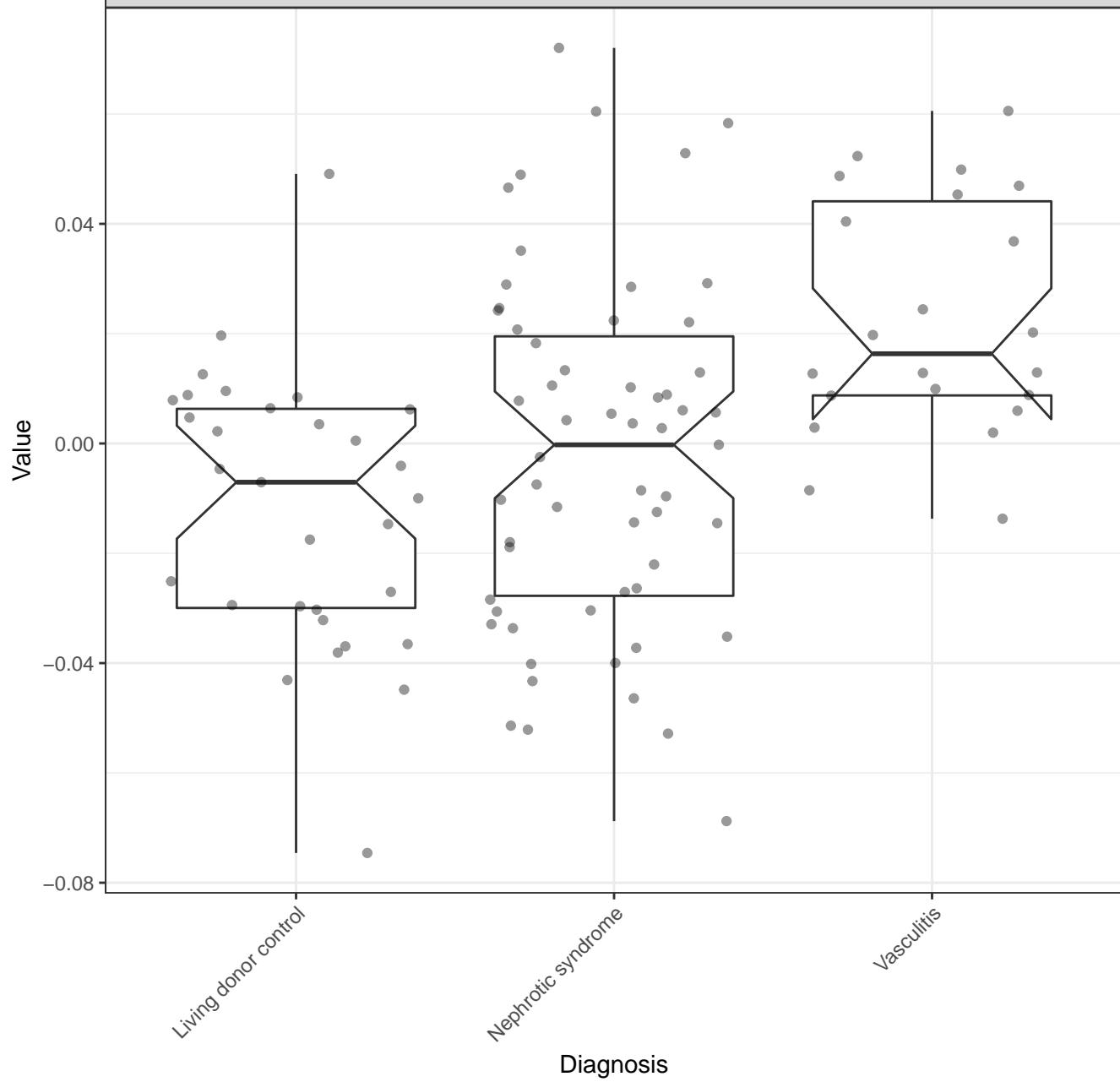
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 576

Value

0.04

0.01

-0.04

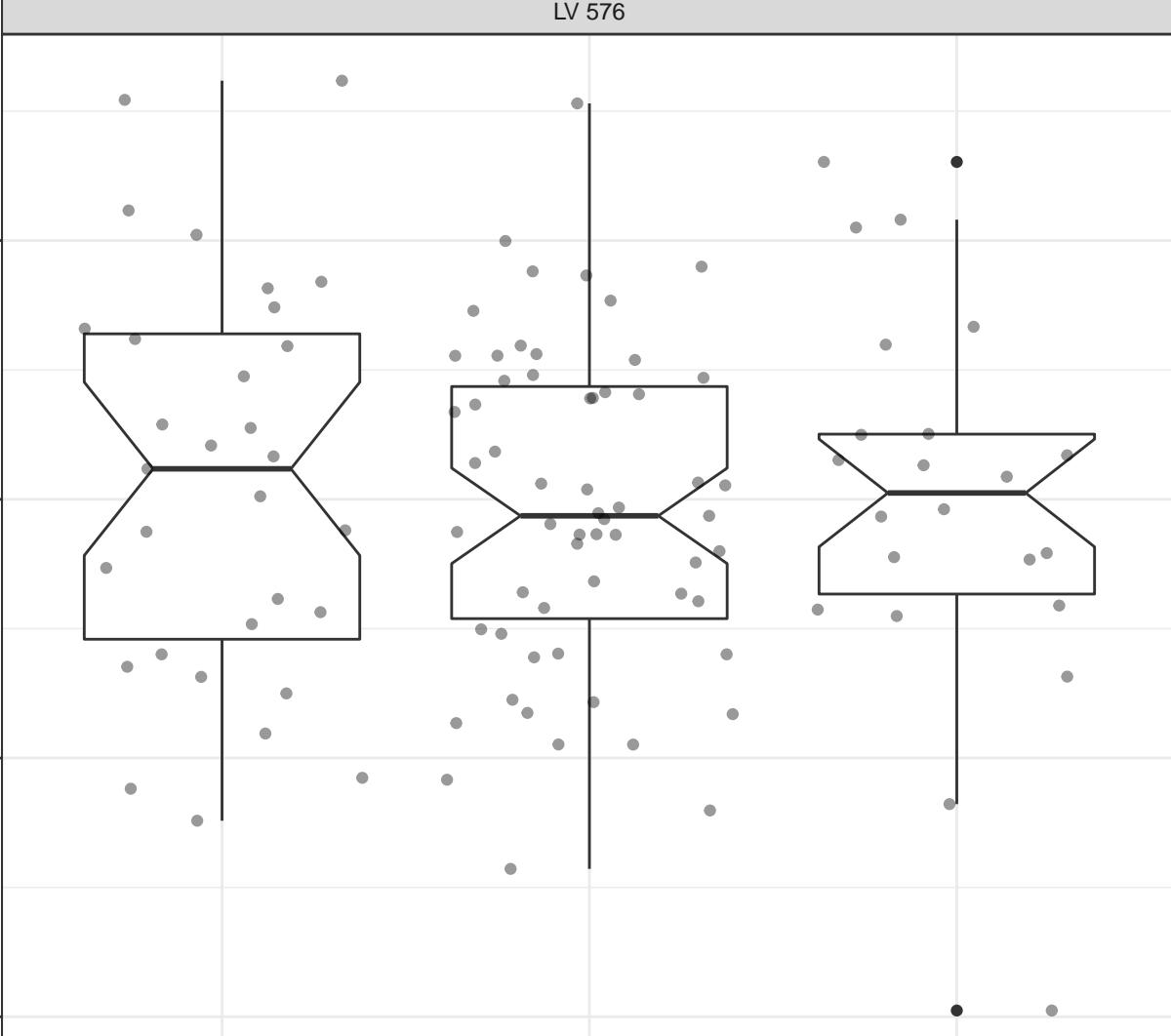
-0.08

Living donor control

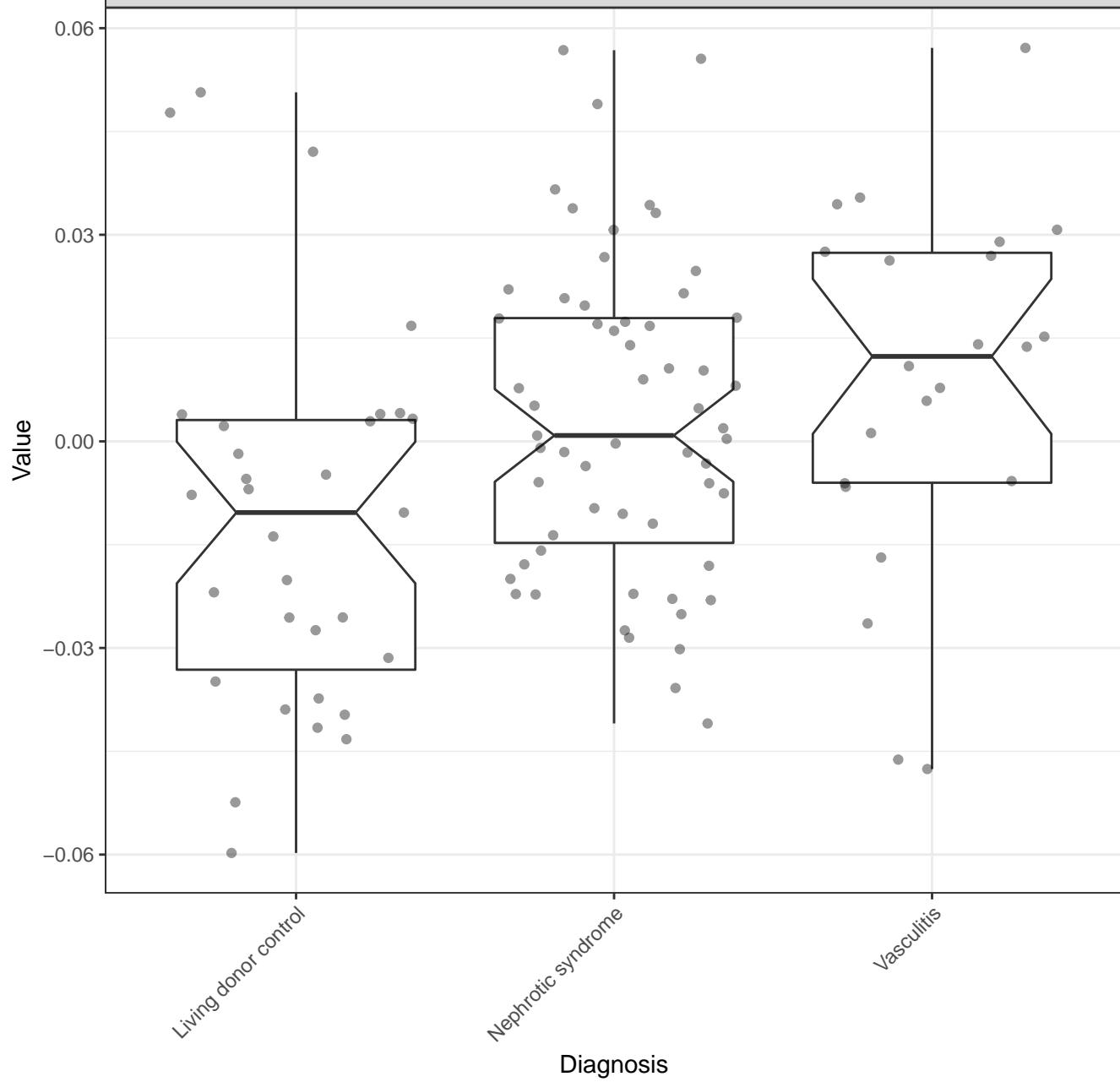
Nephrotic syndrome

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

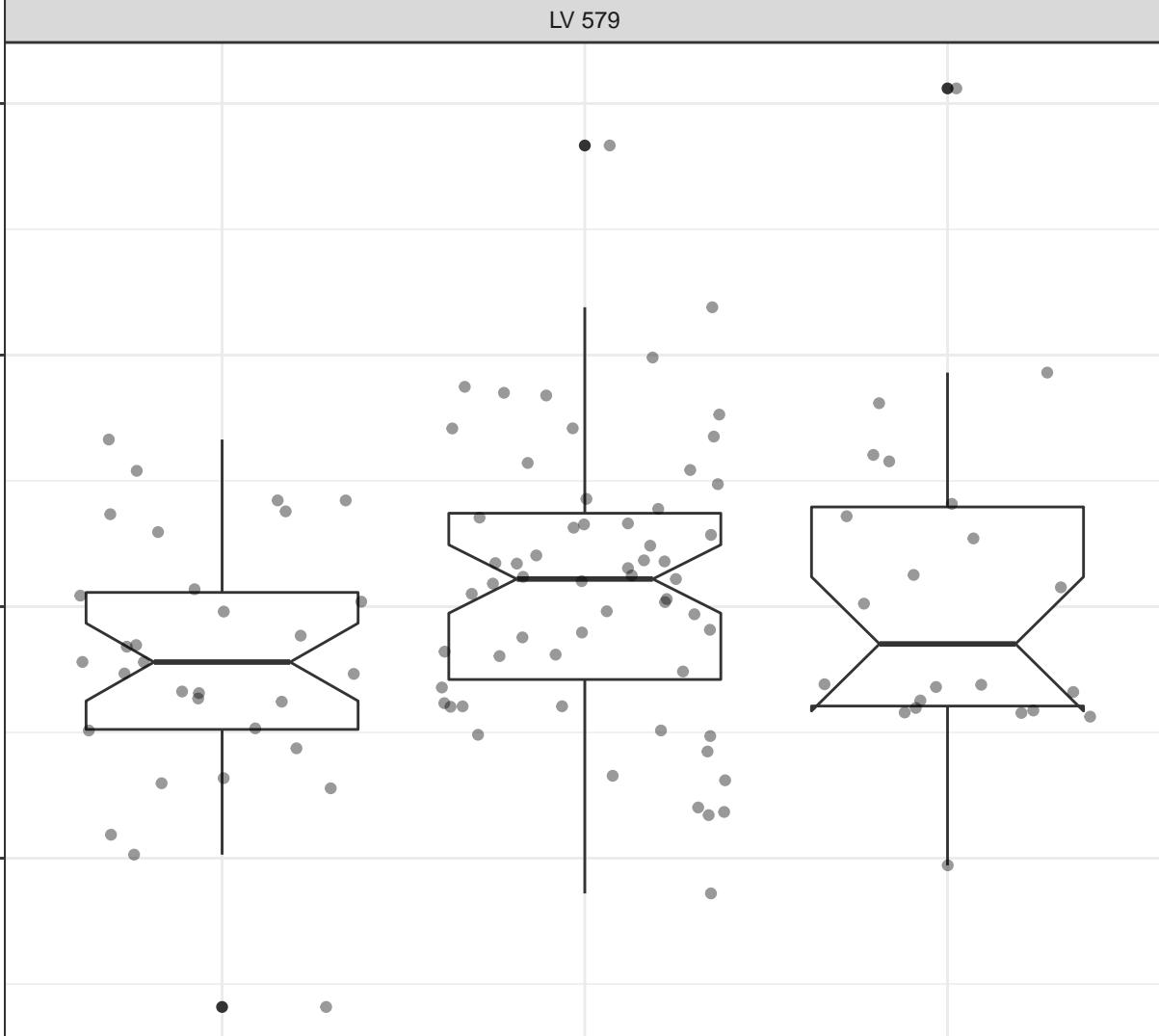
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

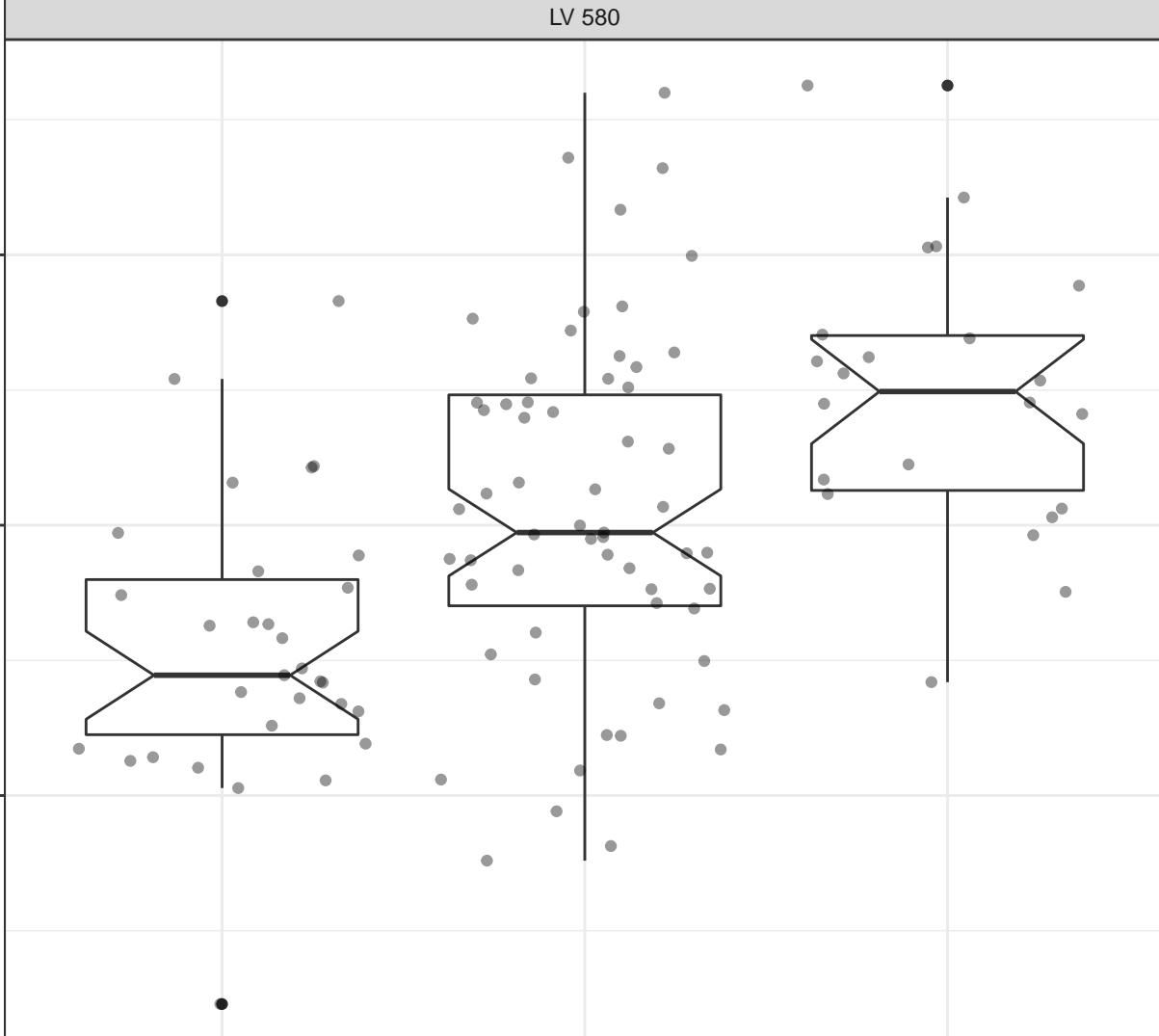
-0.05

Living donor control

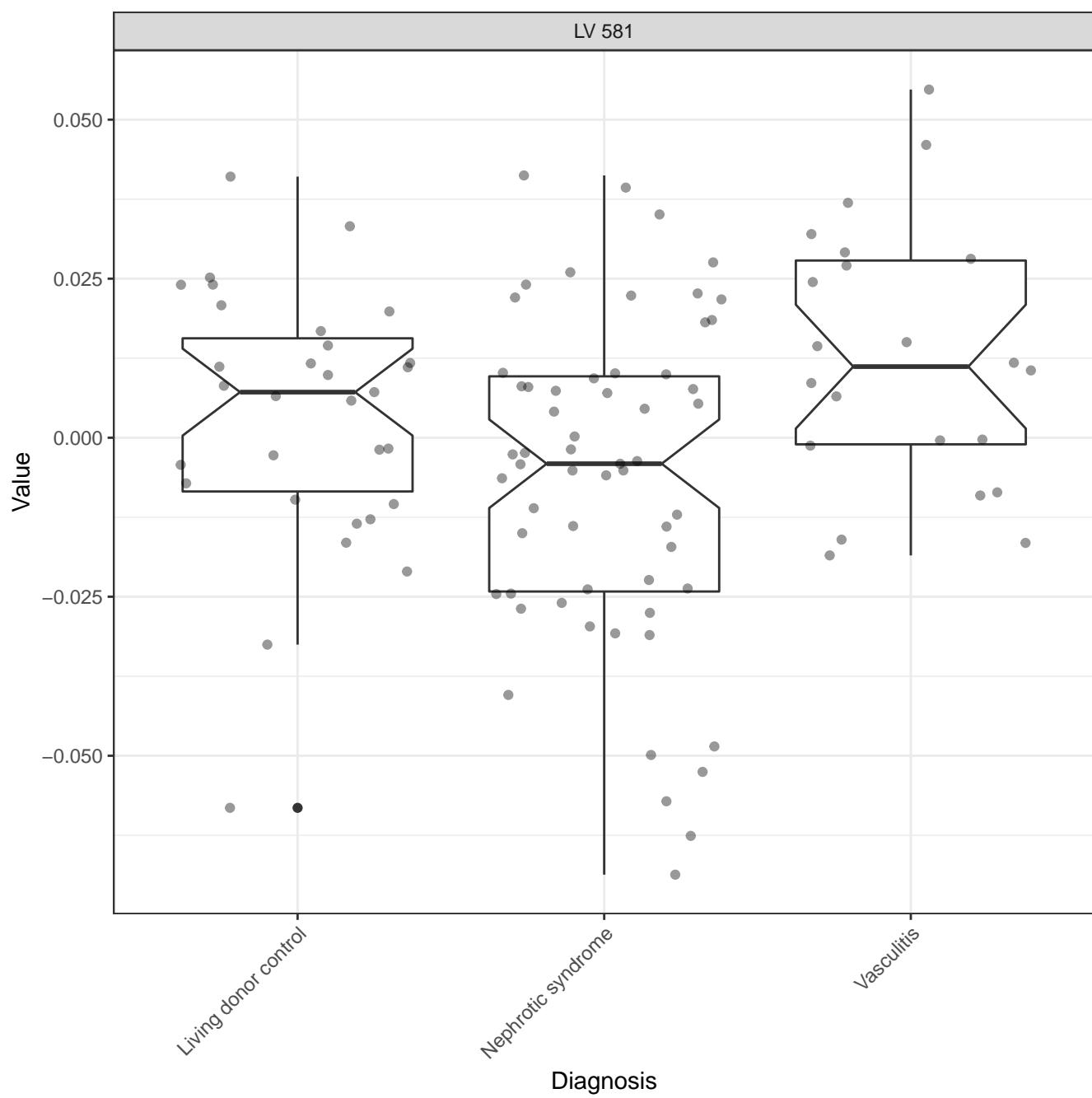
Nephrotic syndrome

Vasculitis

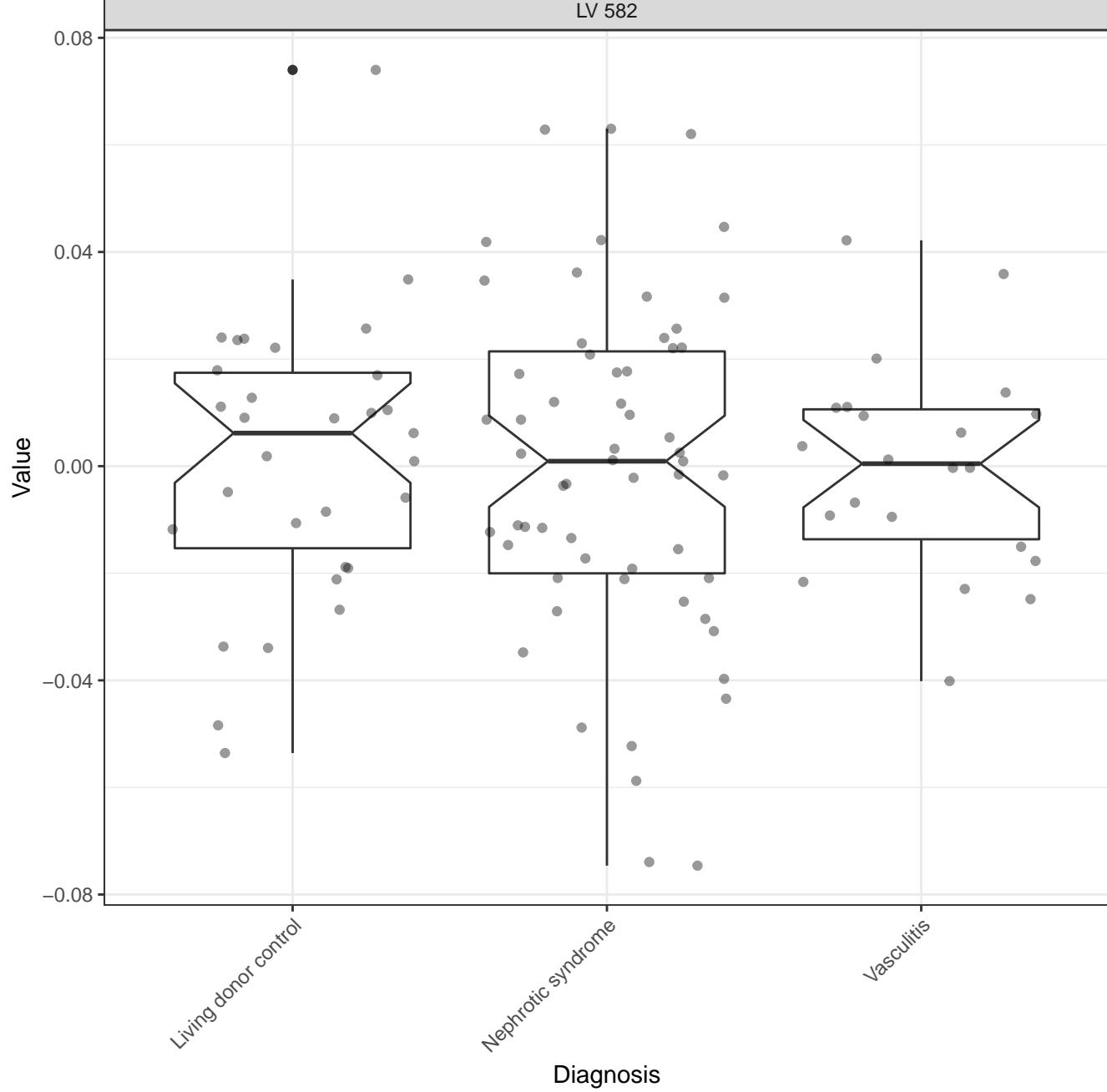
Diagnosis



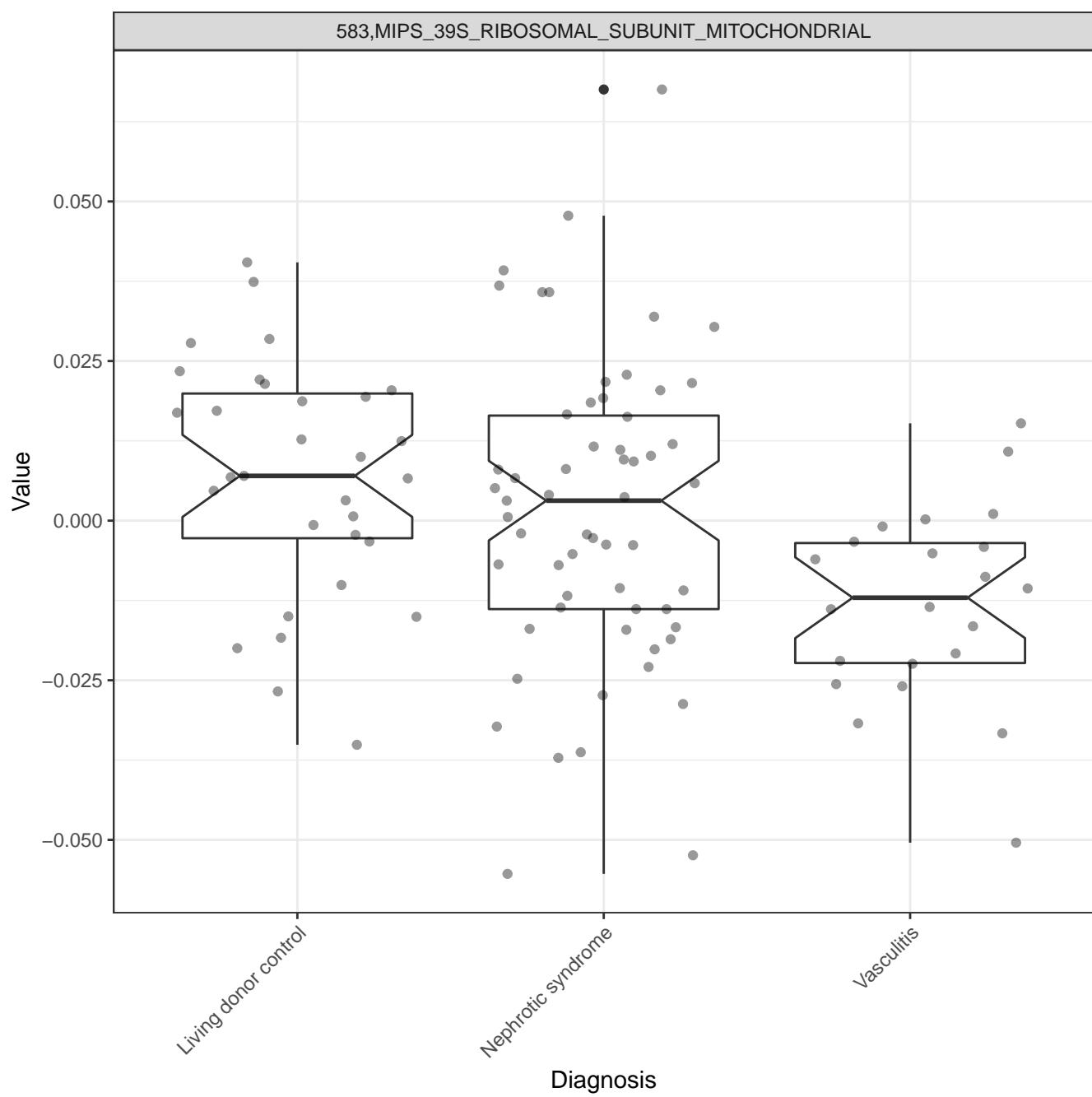
LV 581



LV 582



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



Value

0.04

0.00

-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.05

0.00

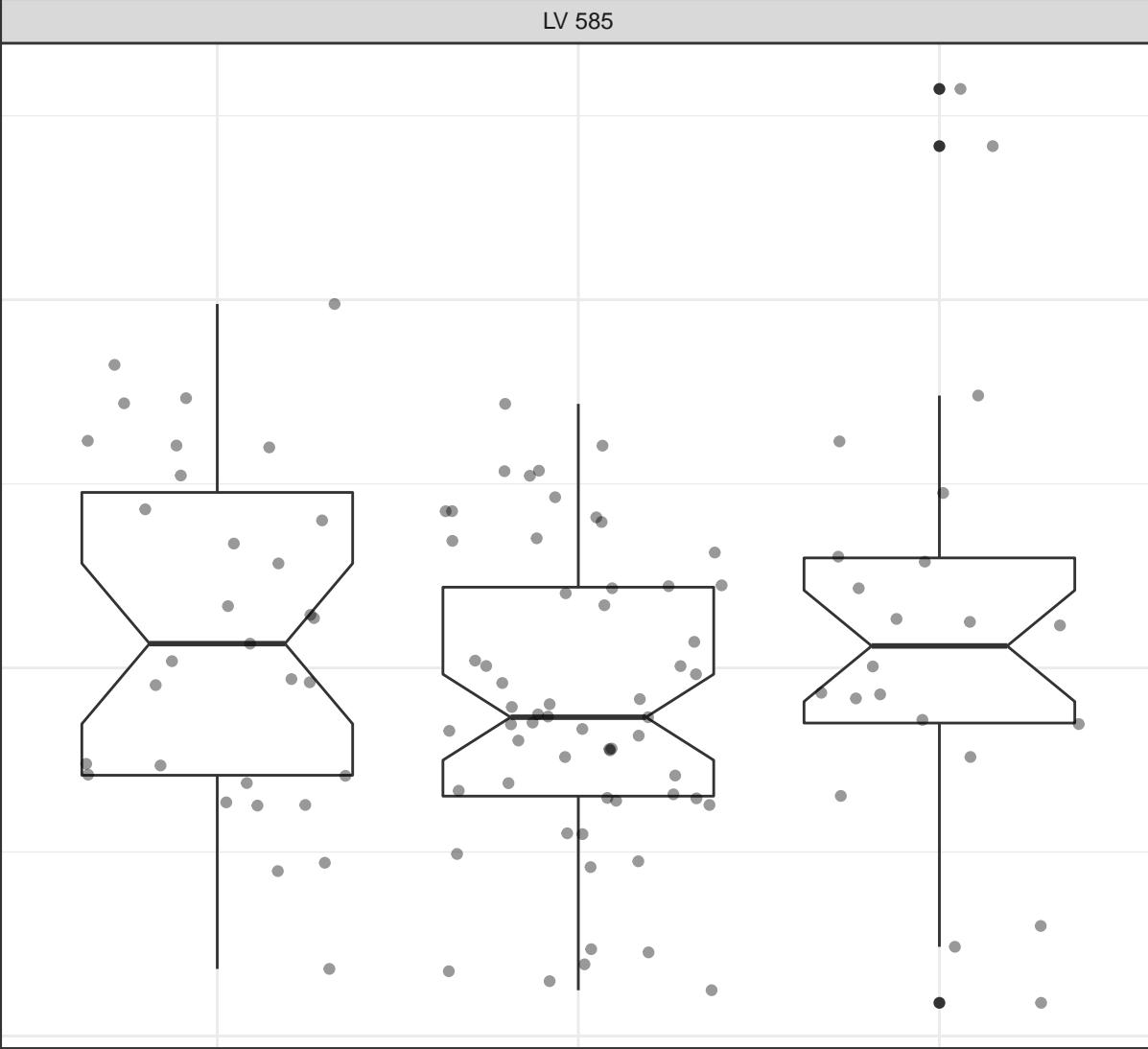
-0.05

Living donor control

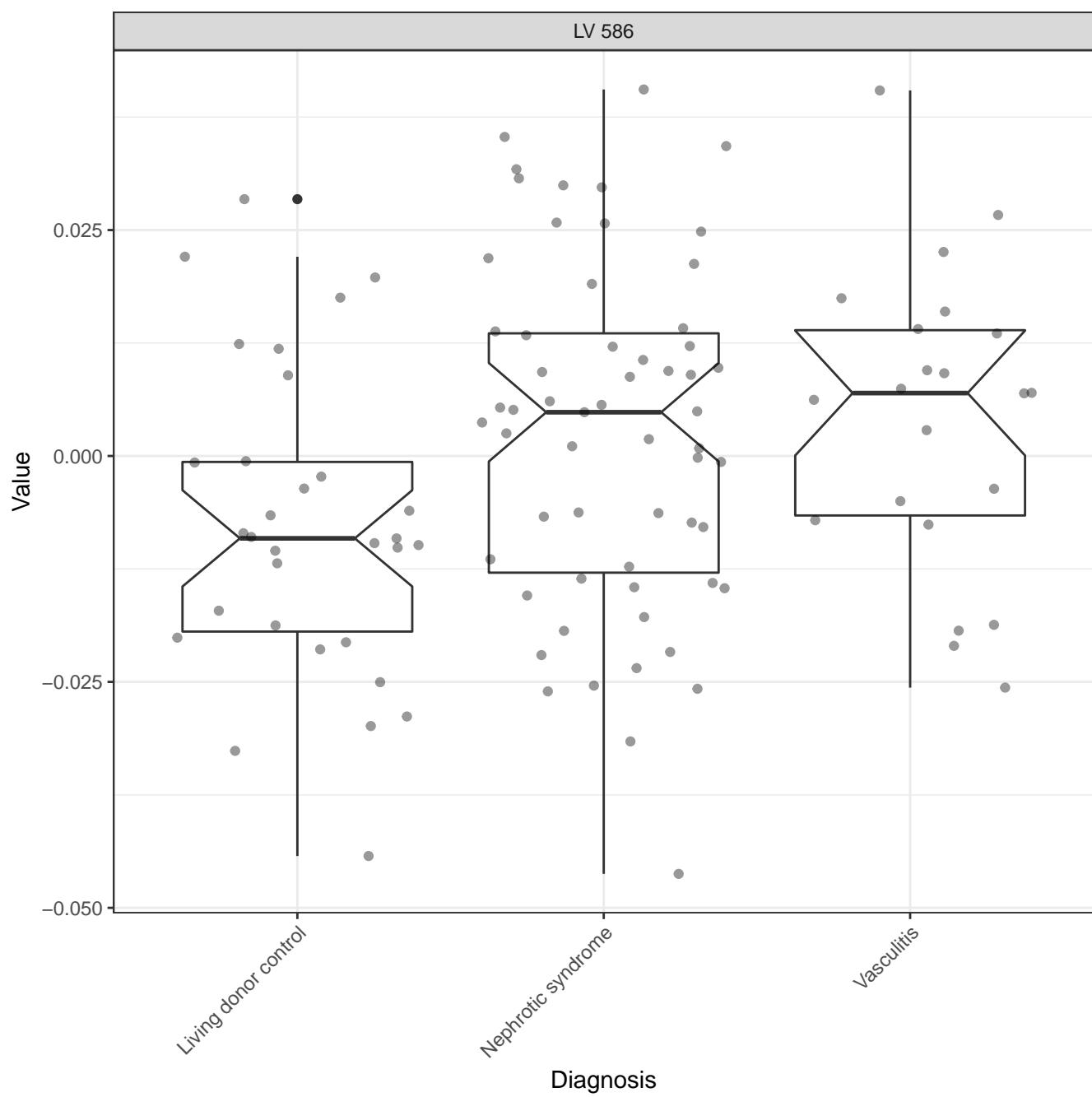
Nephrotic syndrome

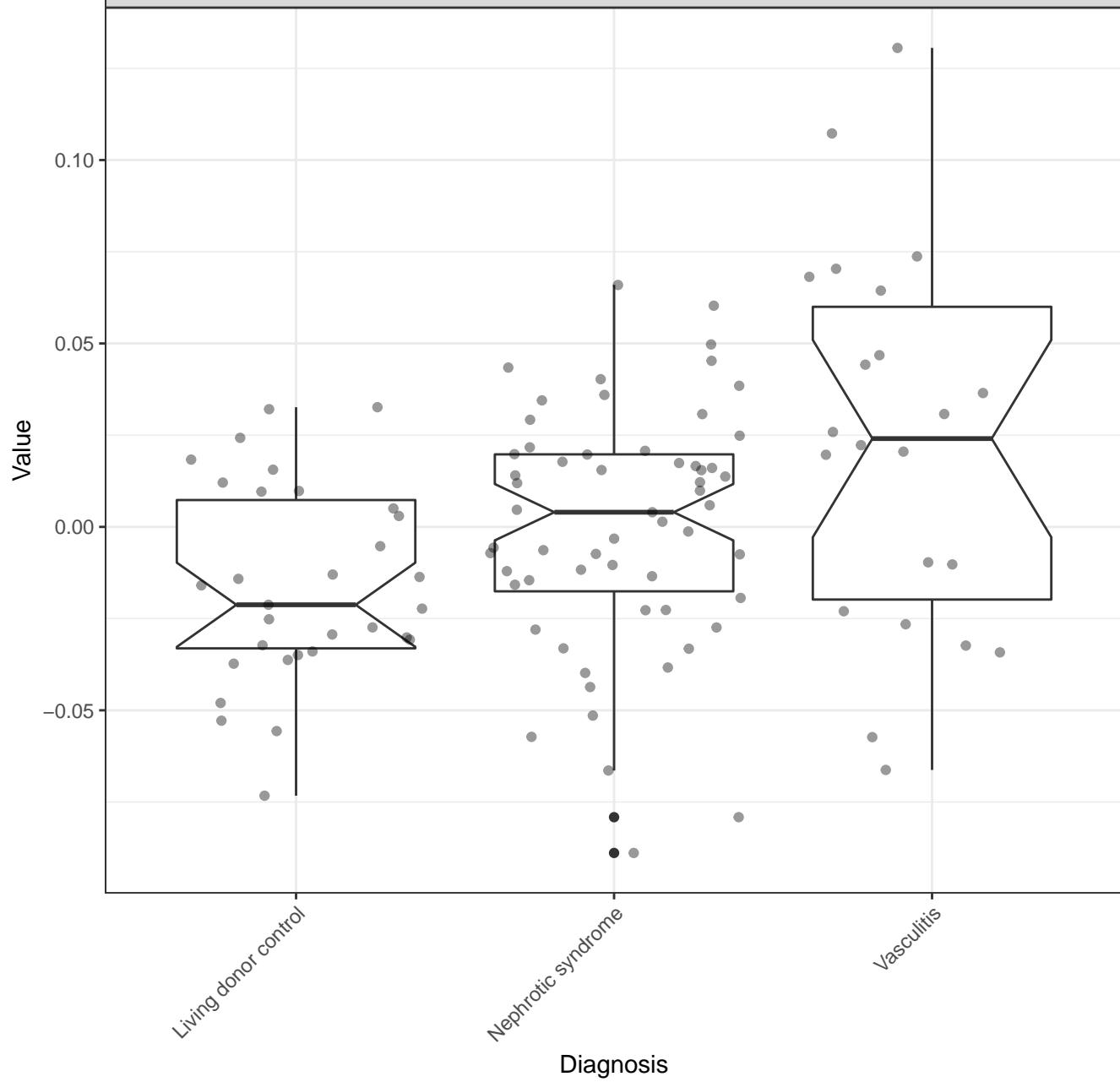
Vasculitis

Diagnosis



LV 586





LV 588

Value

0.05

0.00

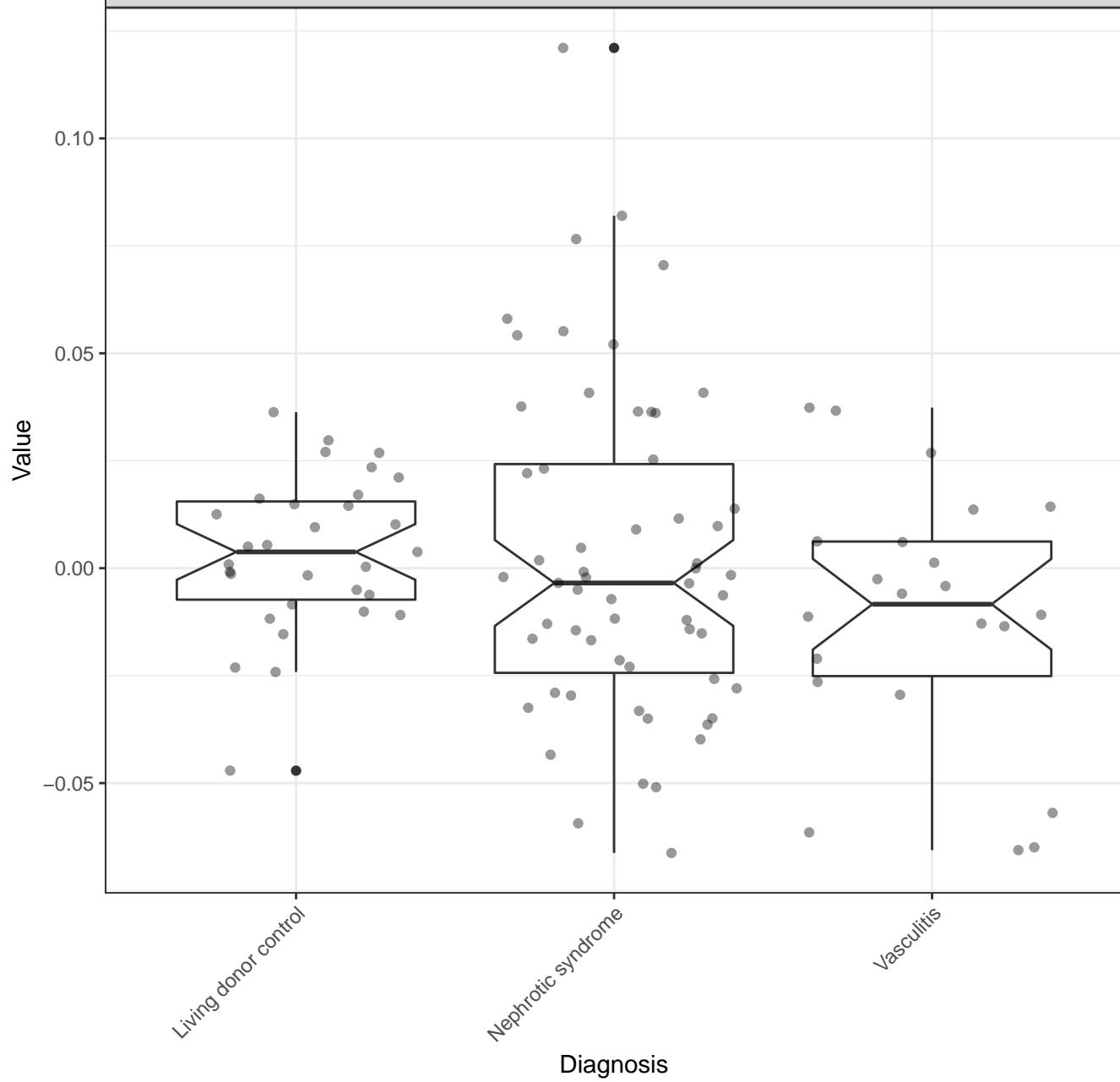
-0.05

Living donor control

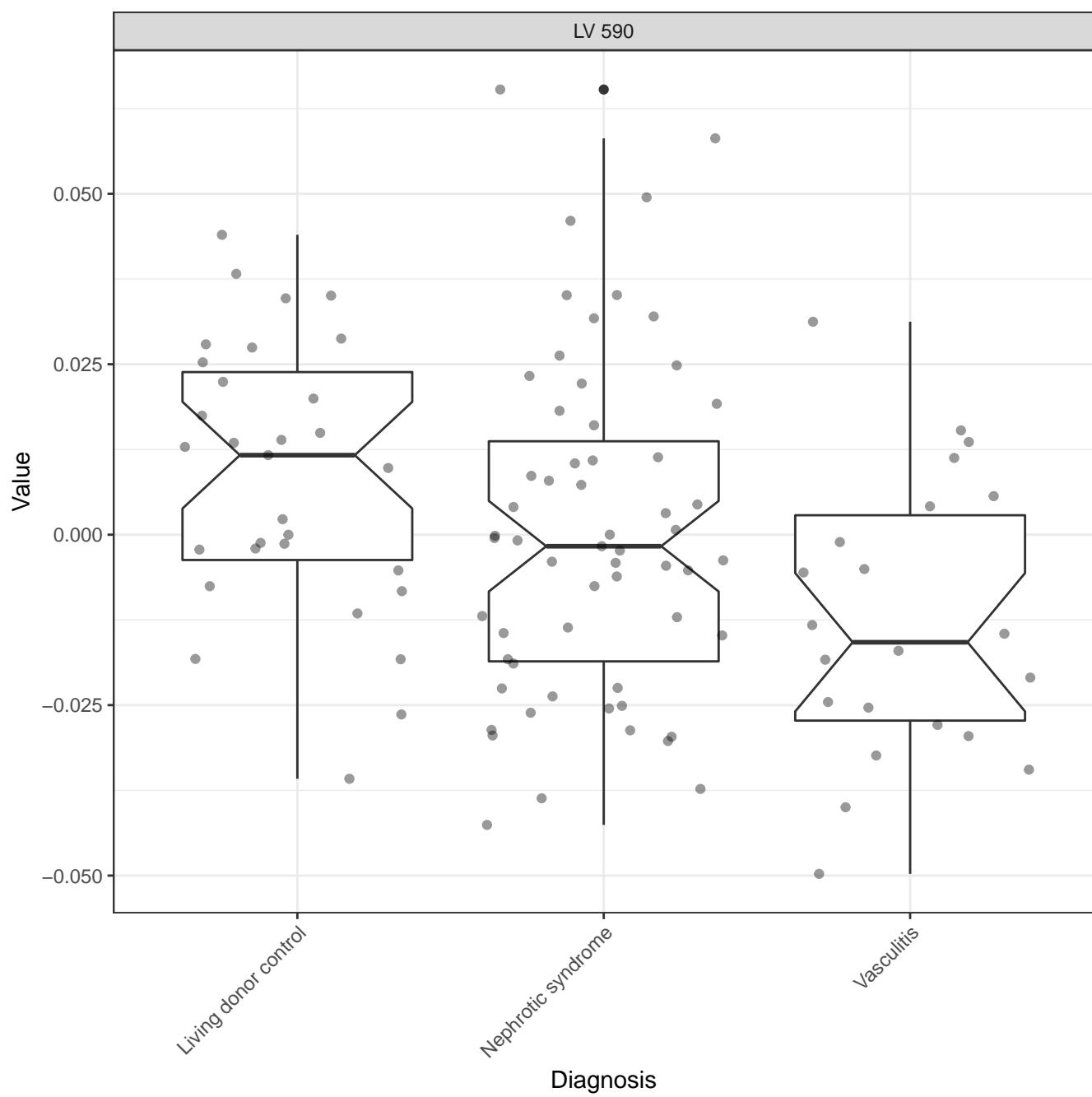
Nephrotic syndrome

Vasculitis

Diagnosis



LV 590



LV 591

Value

0.10

0.05

0.00

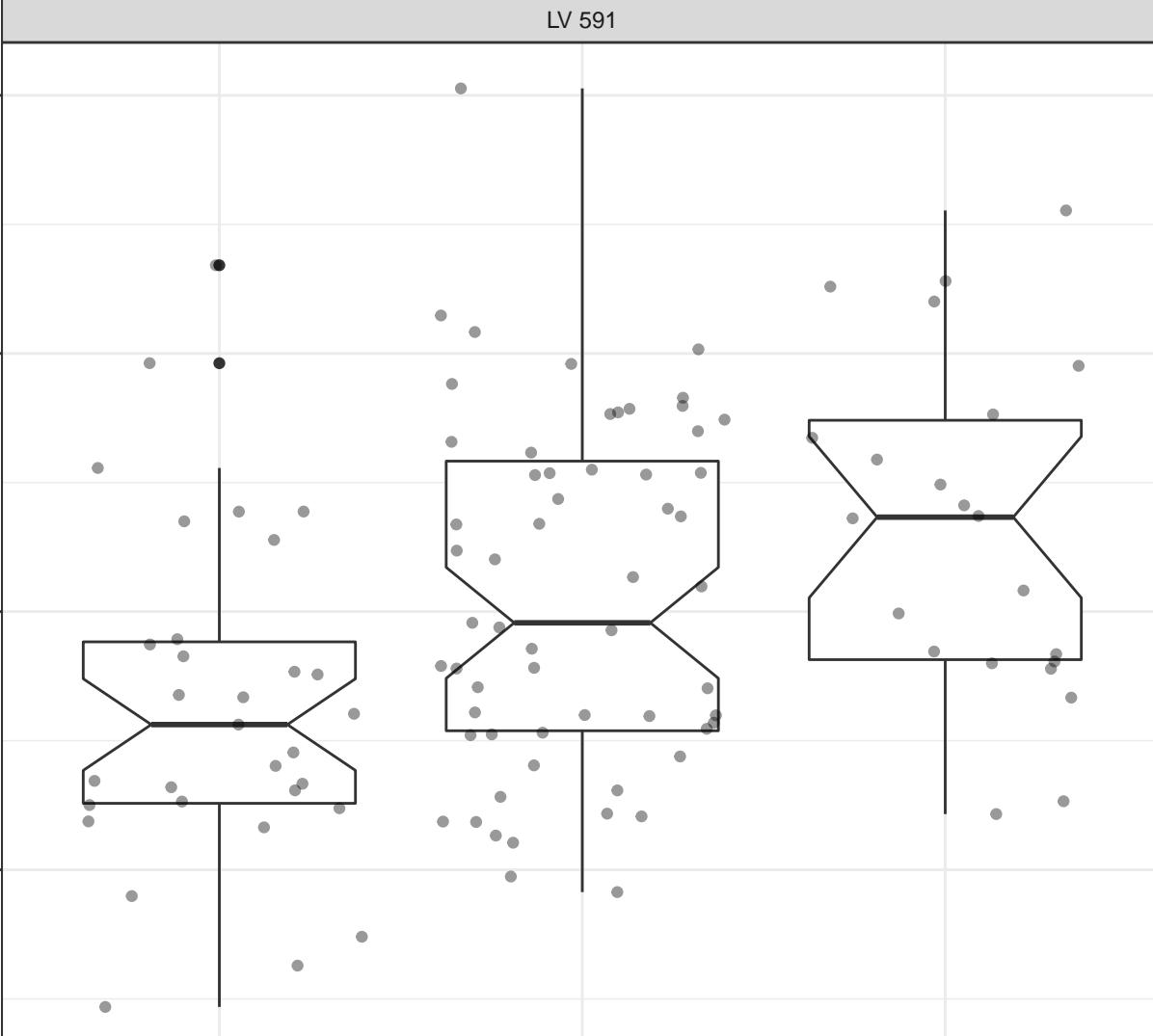
-0.05

Living donor control

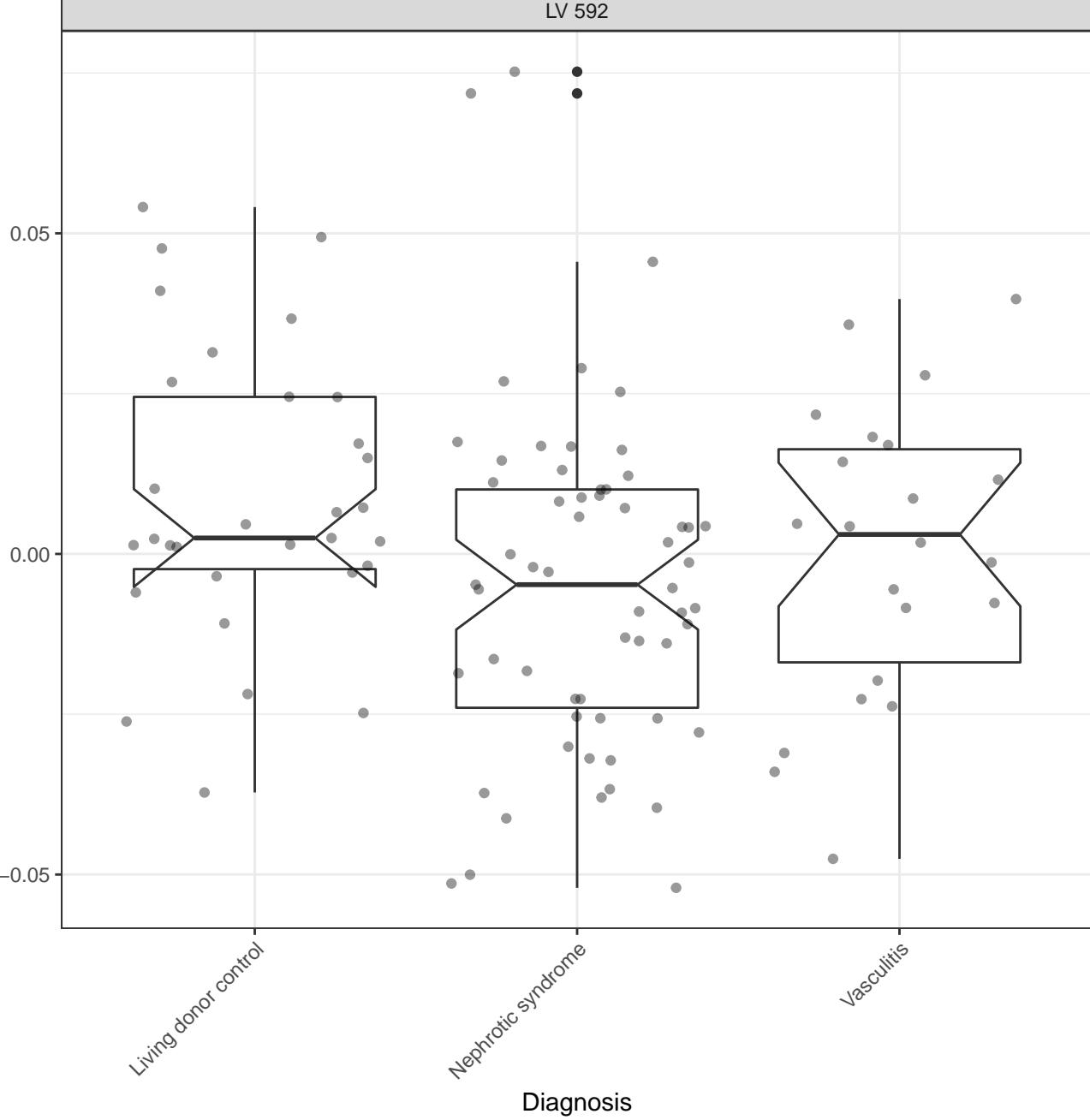
Nephrotic syndrome

Vasculitis

Diagnosis



Value



LV 593

Value

0.05

0.00

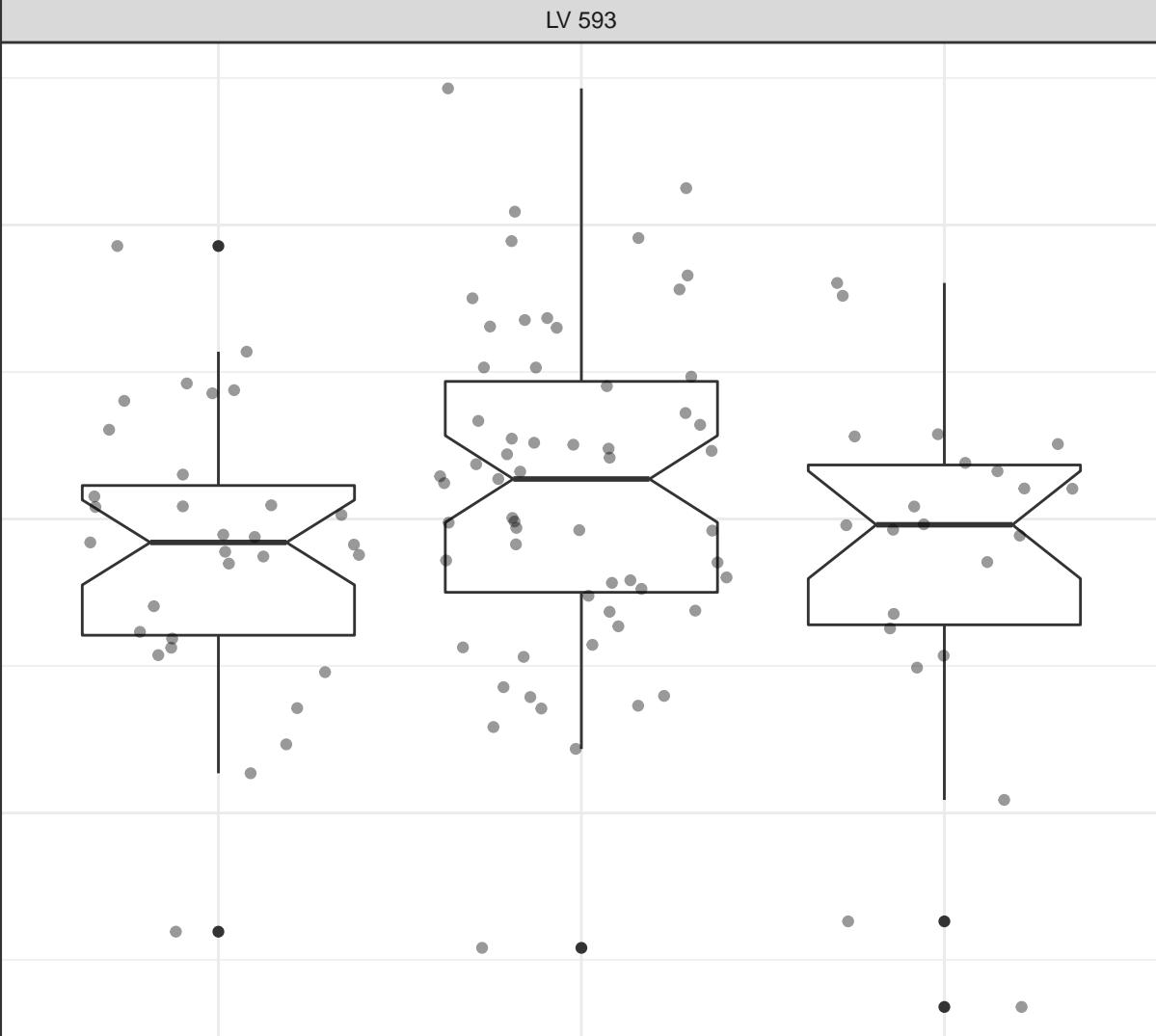
-0.05

Living donor control

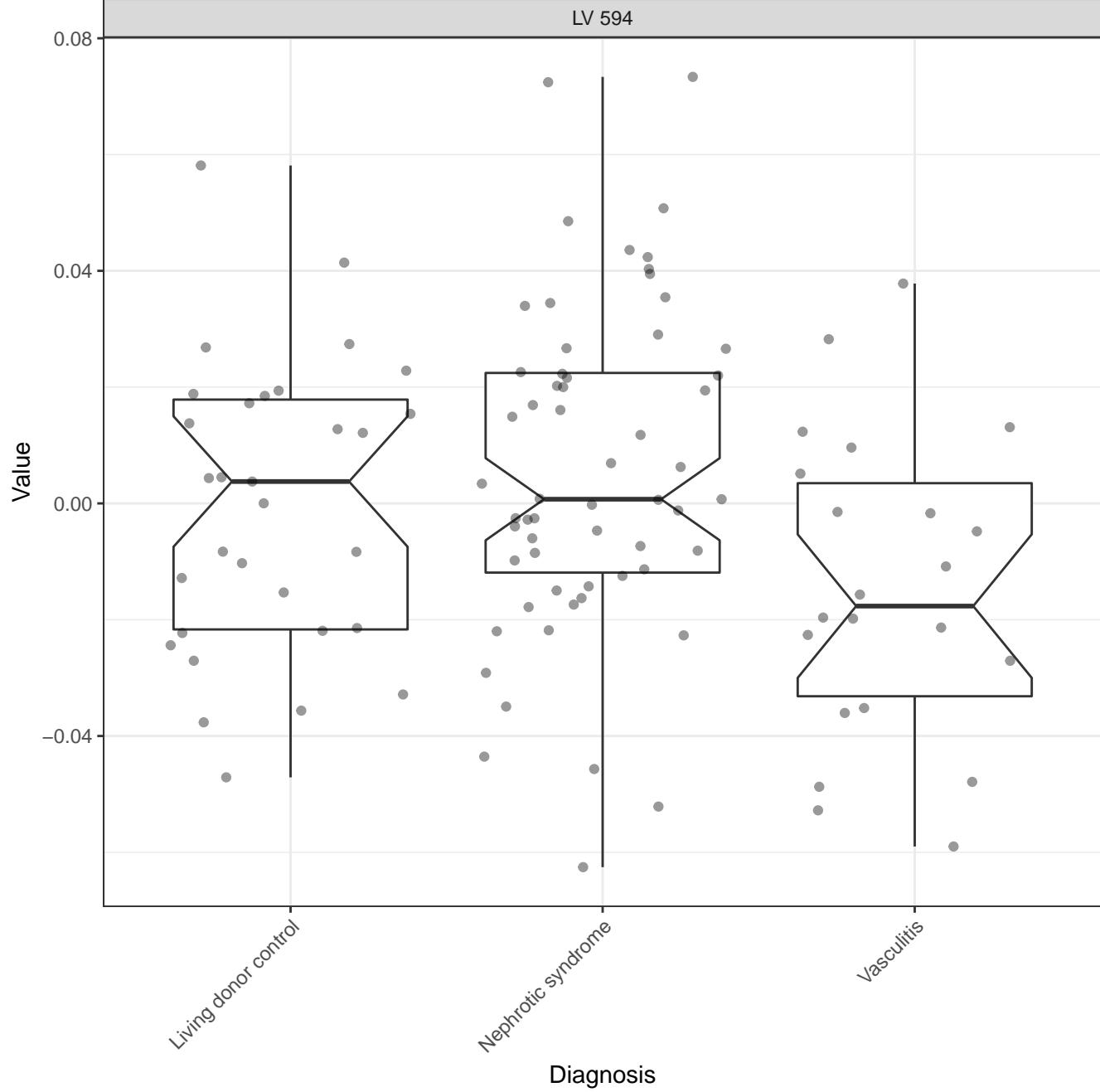
Nephrotic syndrome

Vasculitis

Diagnosis



LV 594



LV 595

Value

0.10

0.05

0.00

-0.05

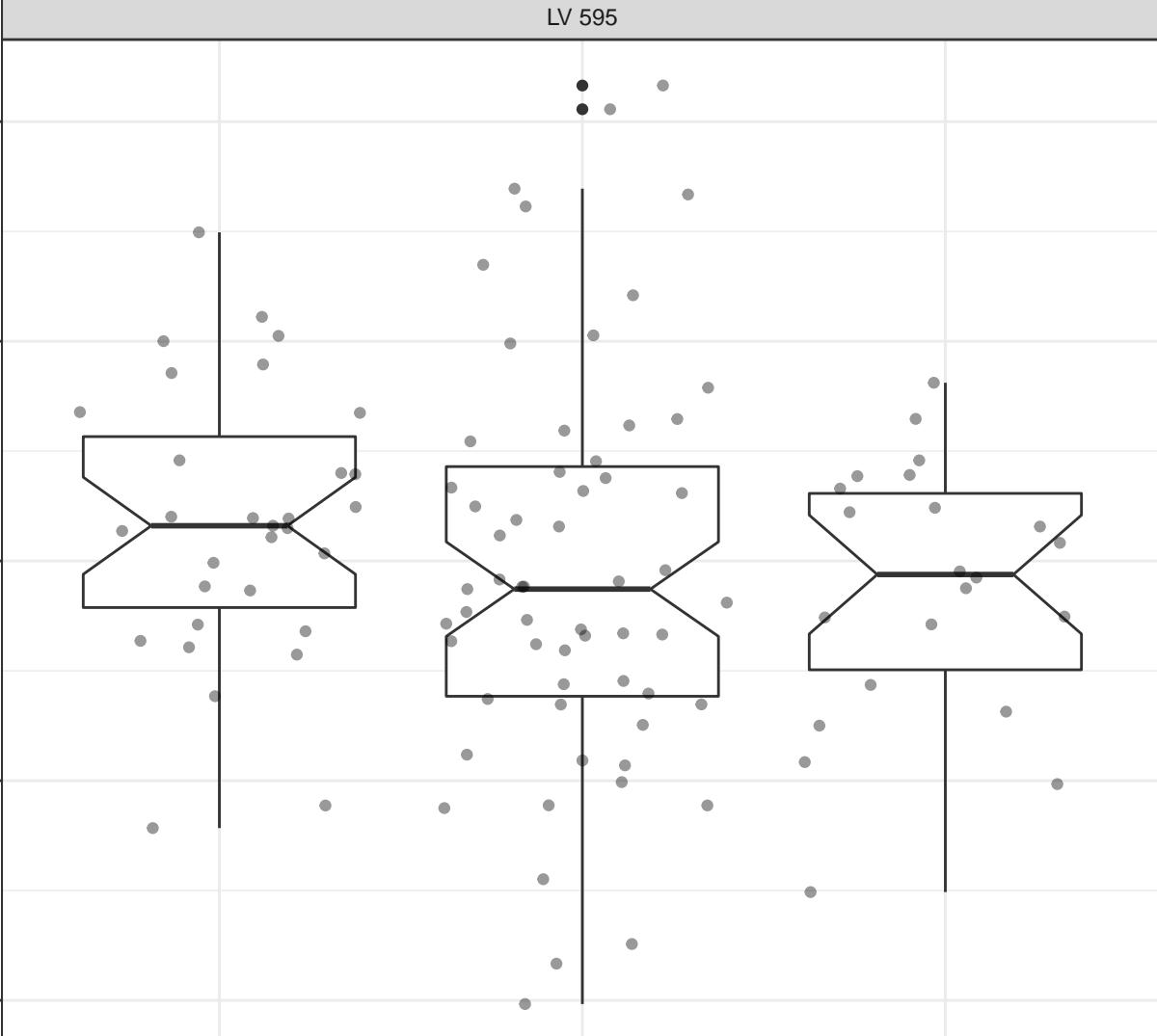
-0.10

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

Value

0.05

0.00

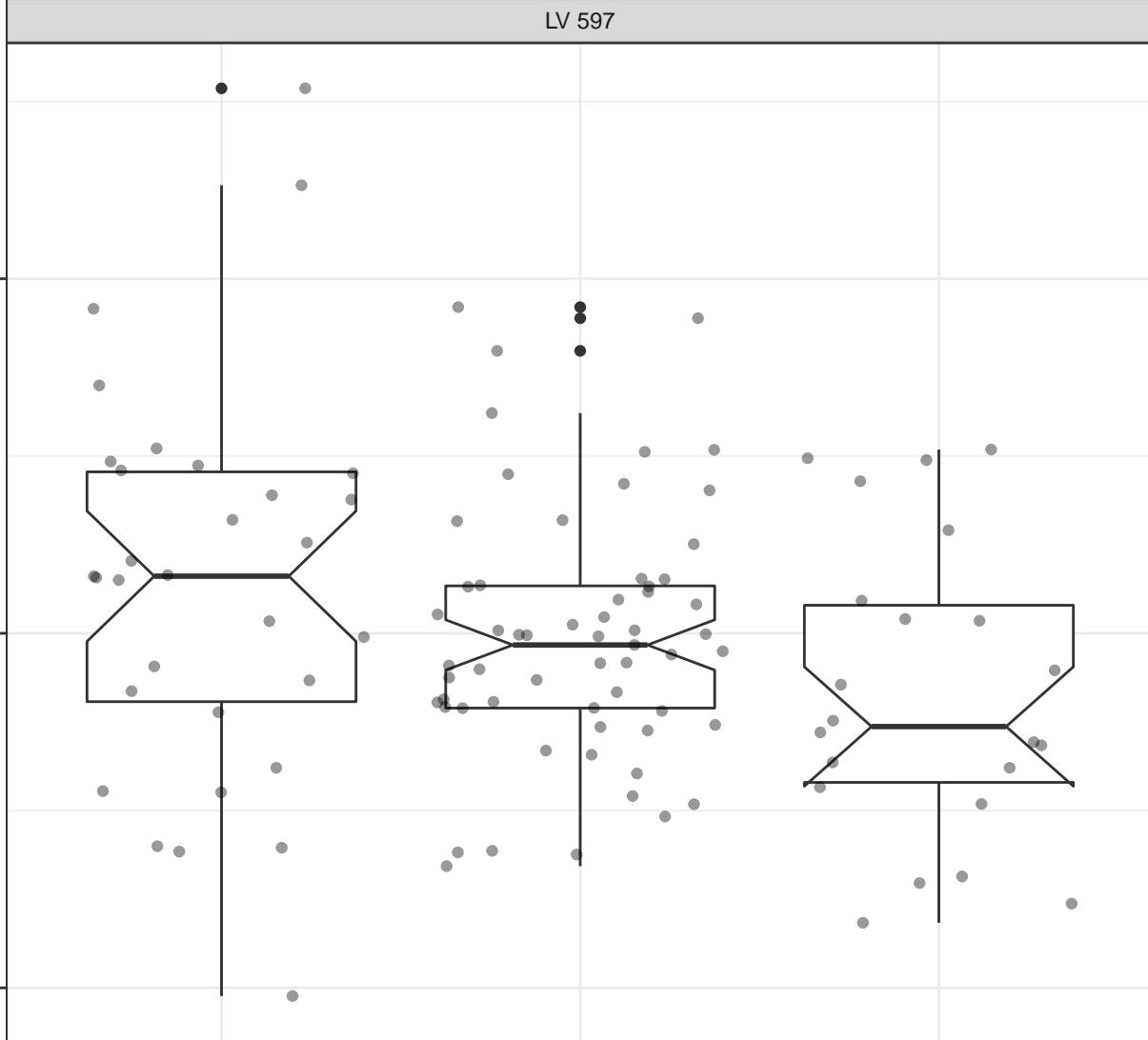
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 598

Value

0.05

0.00

-0.05

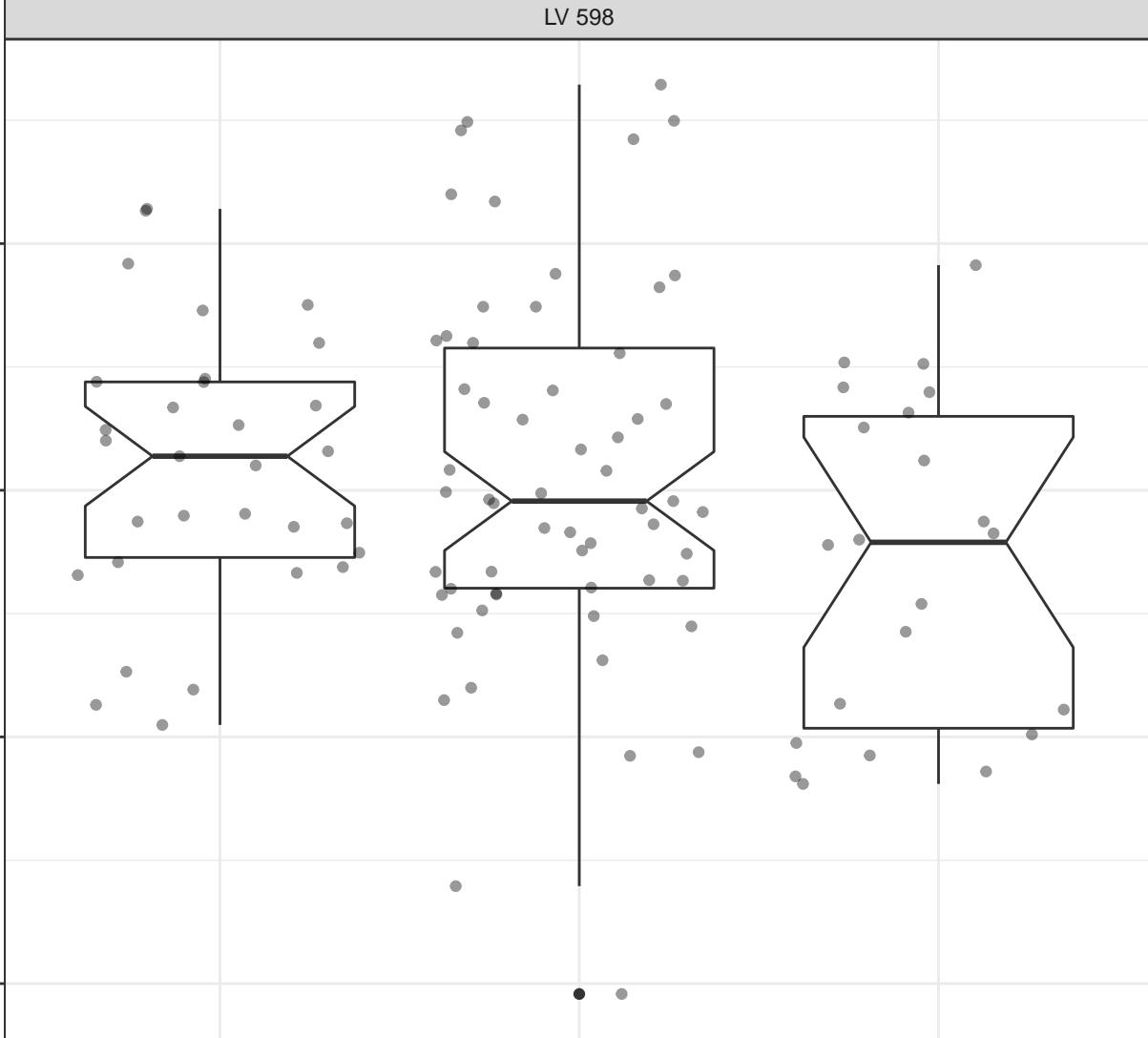
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 599,DMAP\_ERY2

Value

0.2

0.1

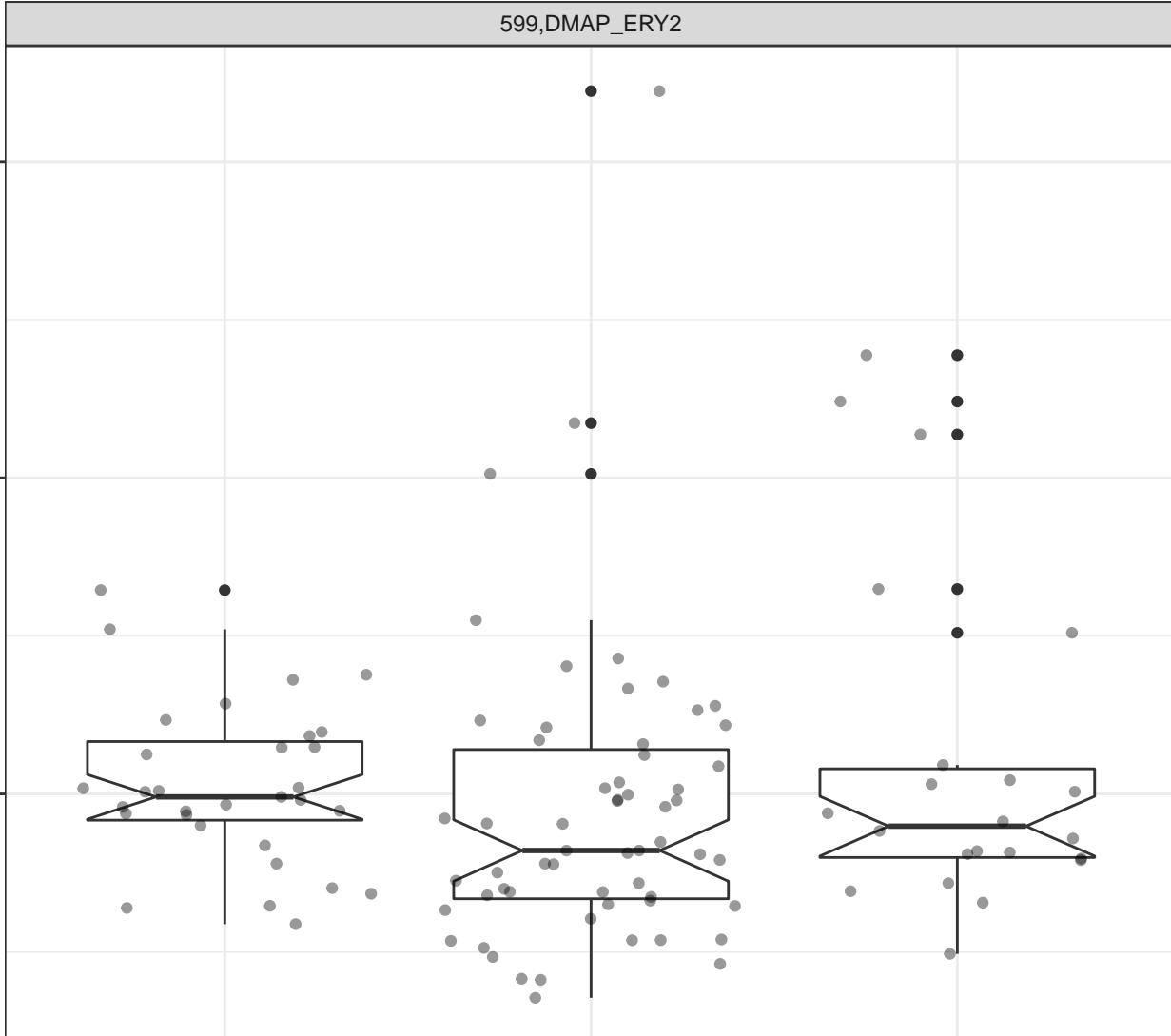
0.0

Living donor control

Nephrotic syndrome

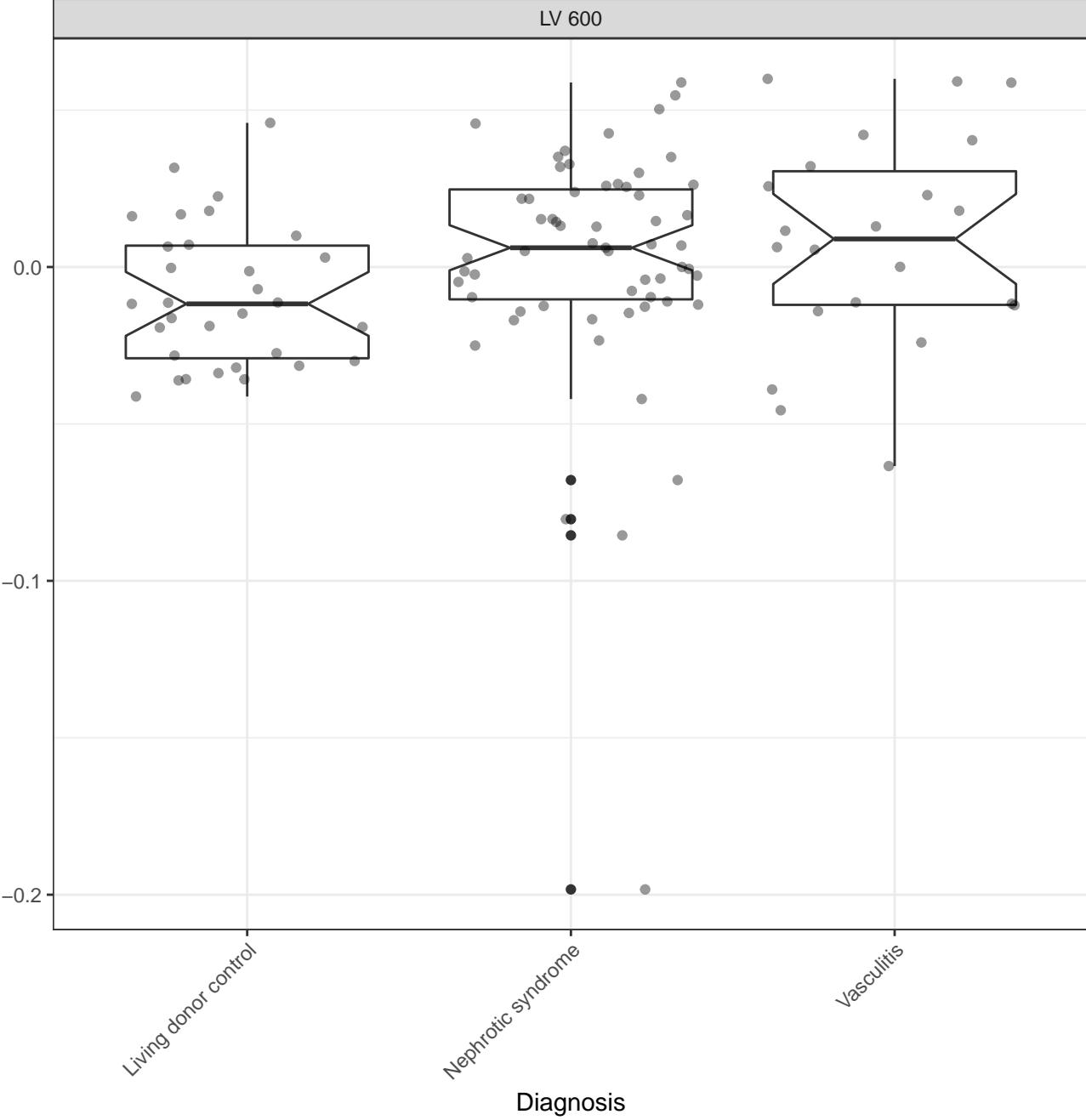
Vasculitis

Diagnosis



LV 600

Value



Value

0.05

0.01

-0.05

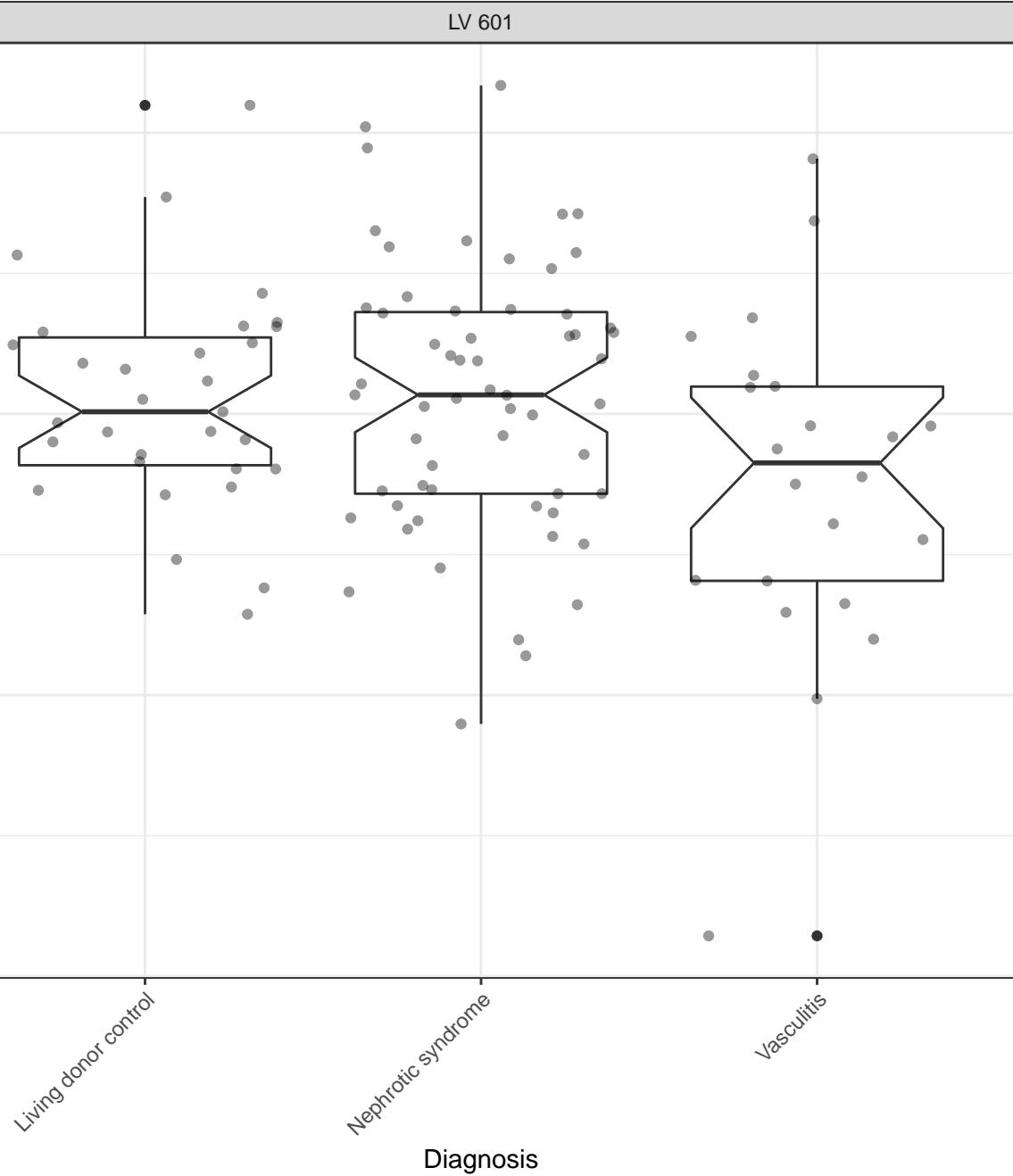
-0.10

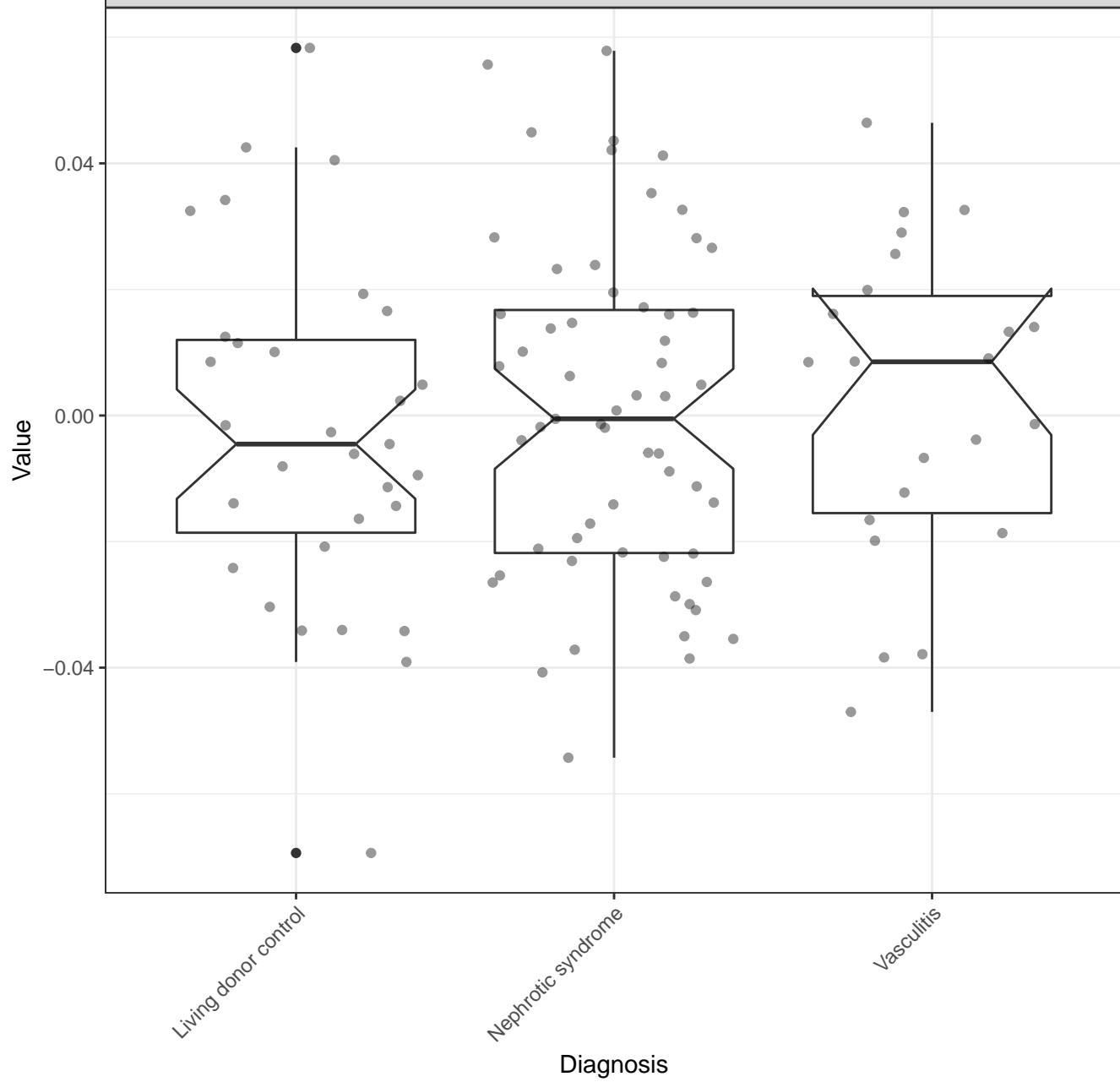
Living donor control

Nephrotic syndrome

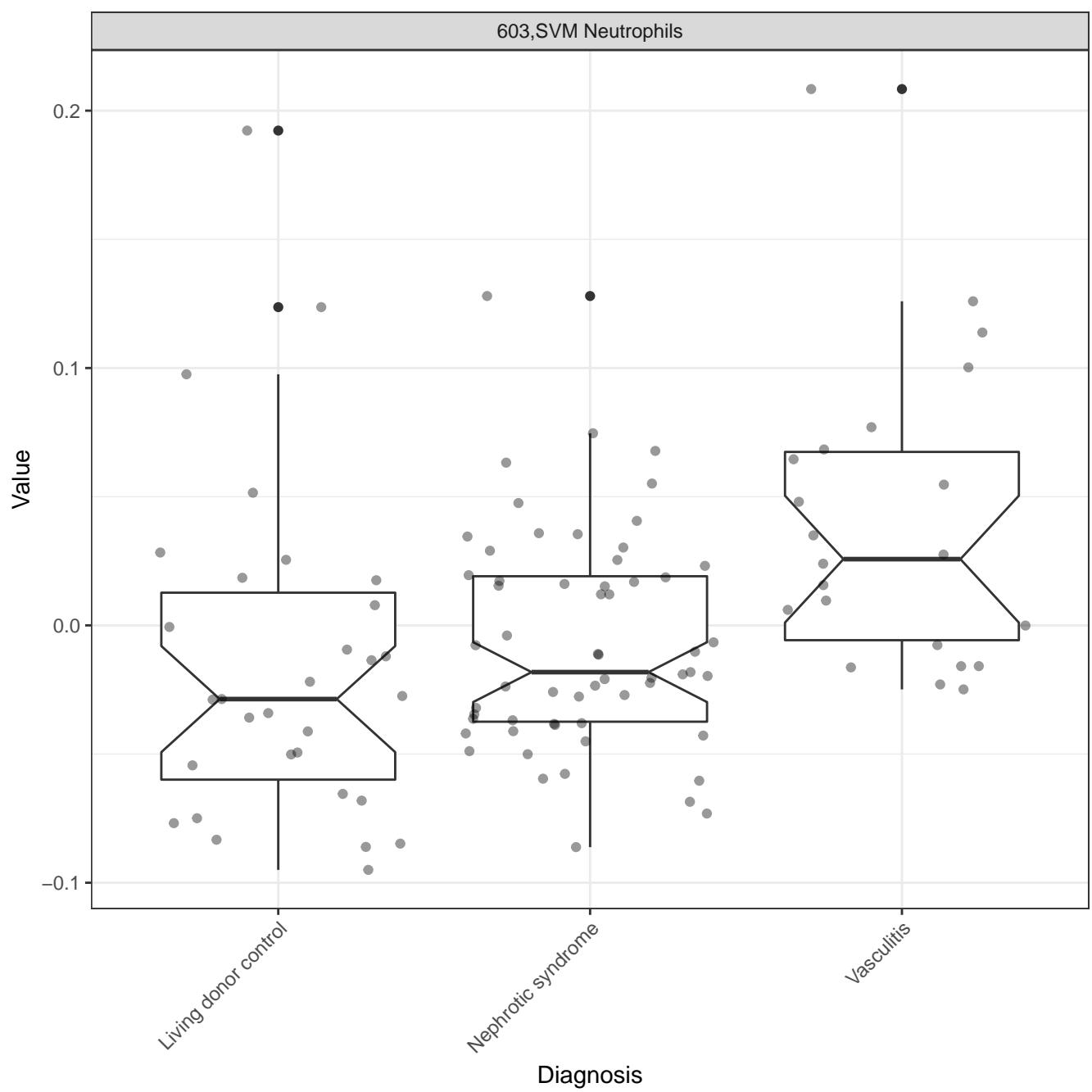
Vasculitis

Diagnosis

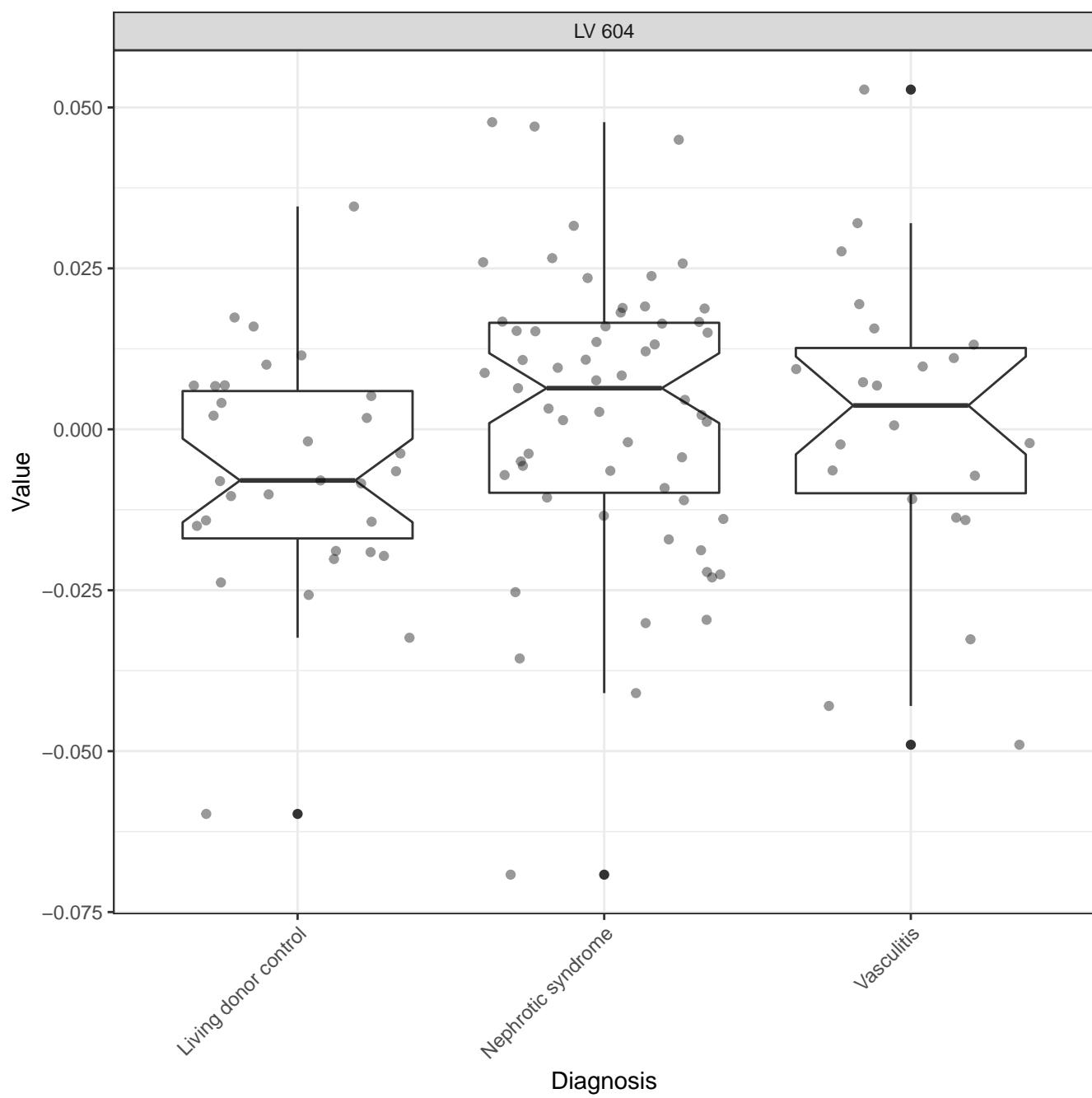




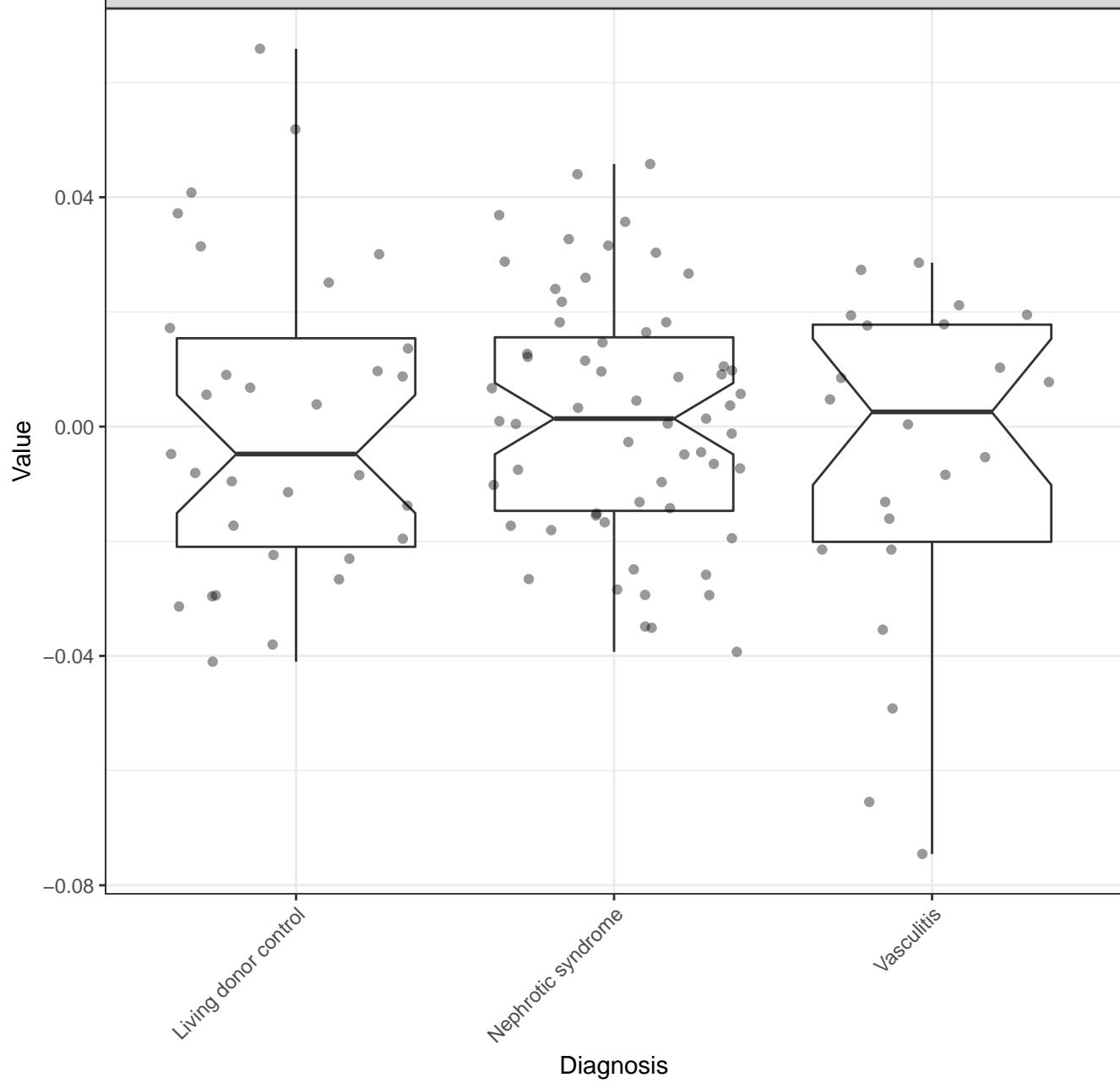
### 603,SVM Neutrophils



## 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

-0.05

-0.10

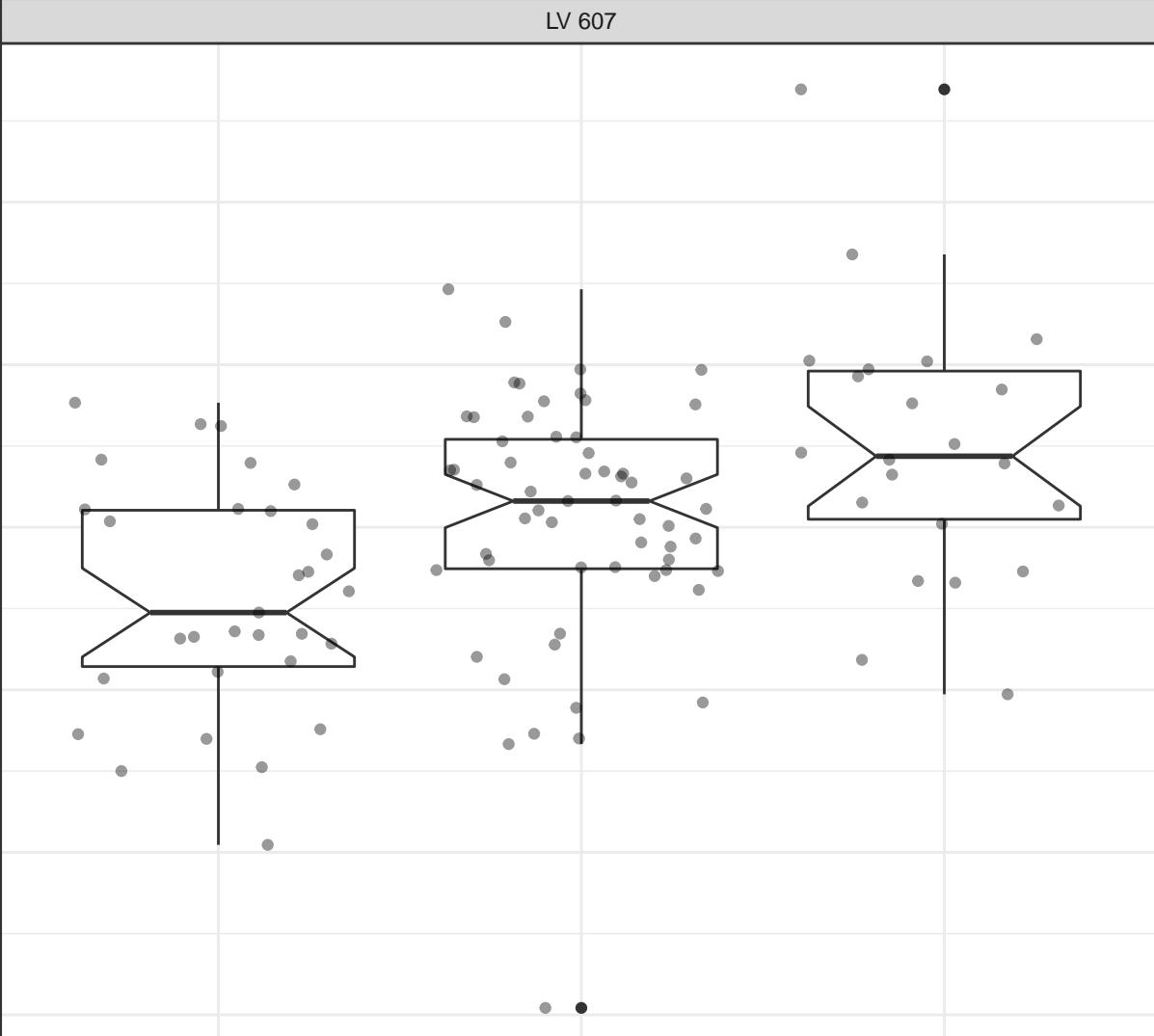
-0.15

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

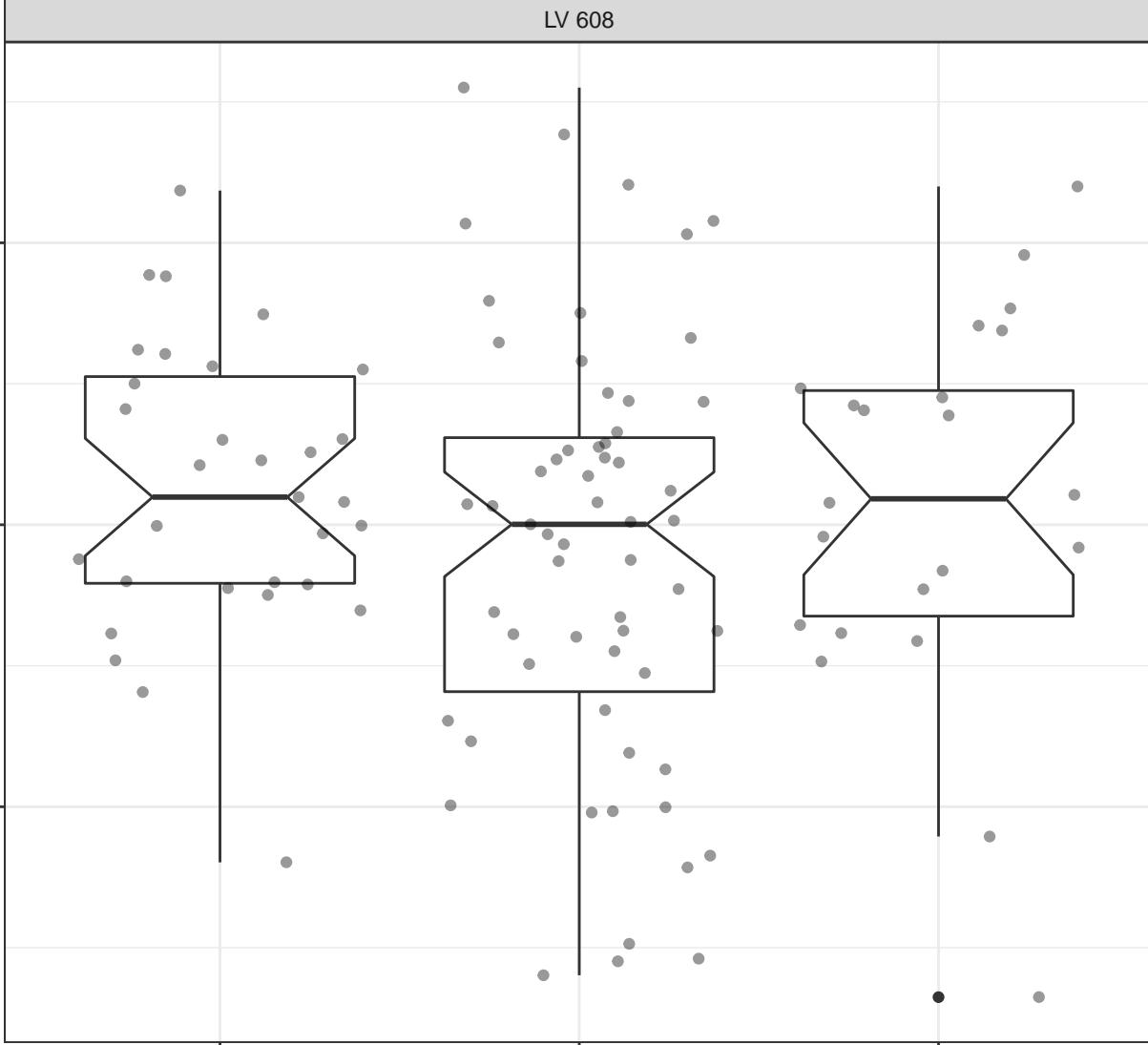
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 609

Value

0.05

0.00

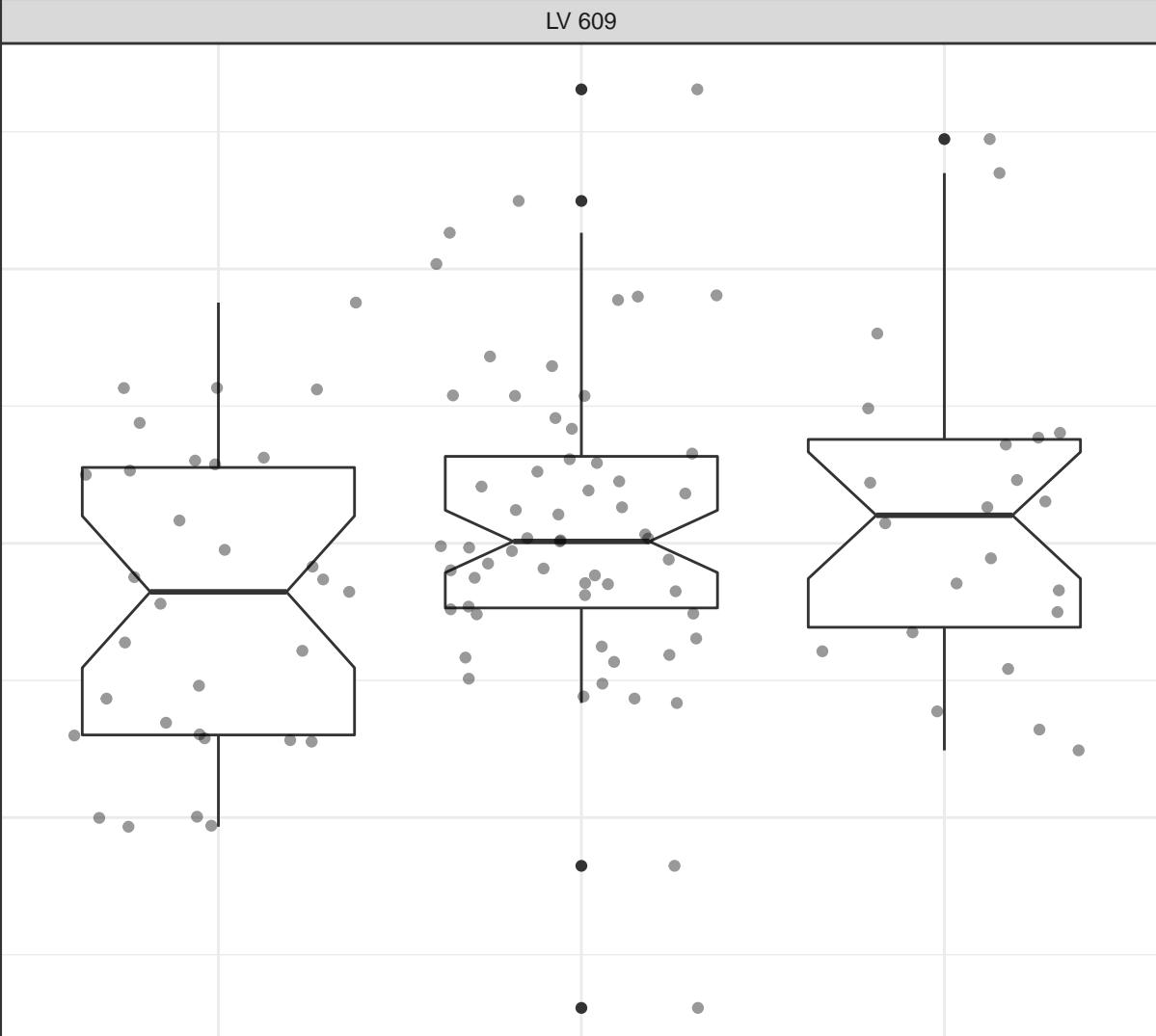
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

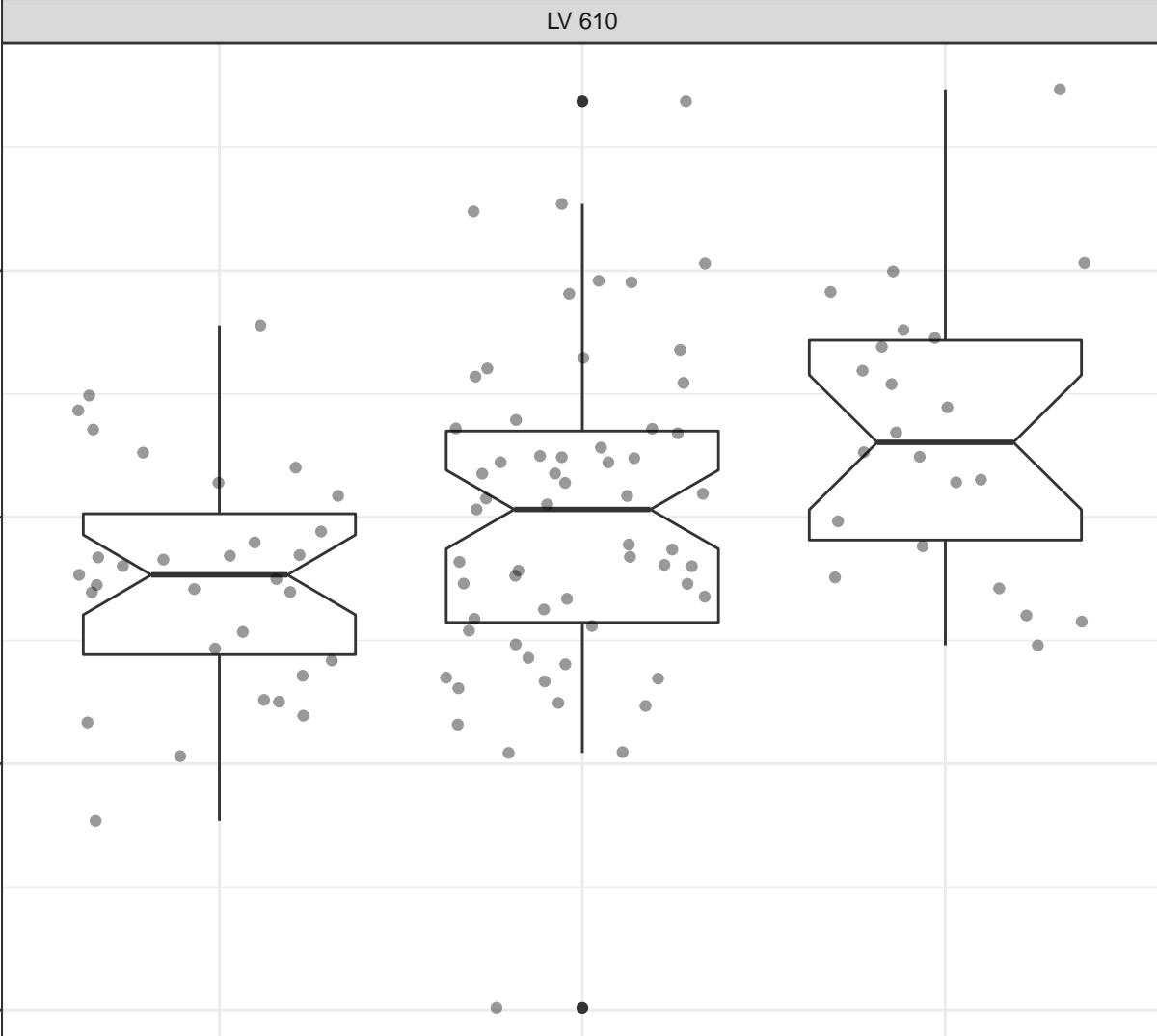
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 611

Value

0.10

0.05

0.00

-0.05

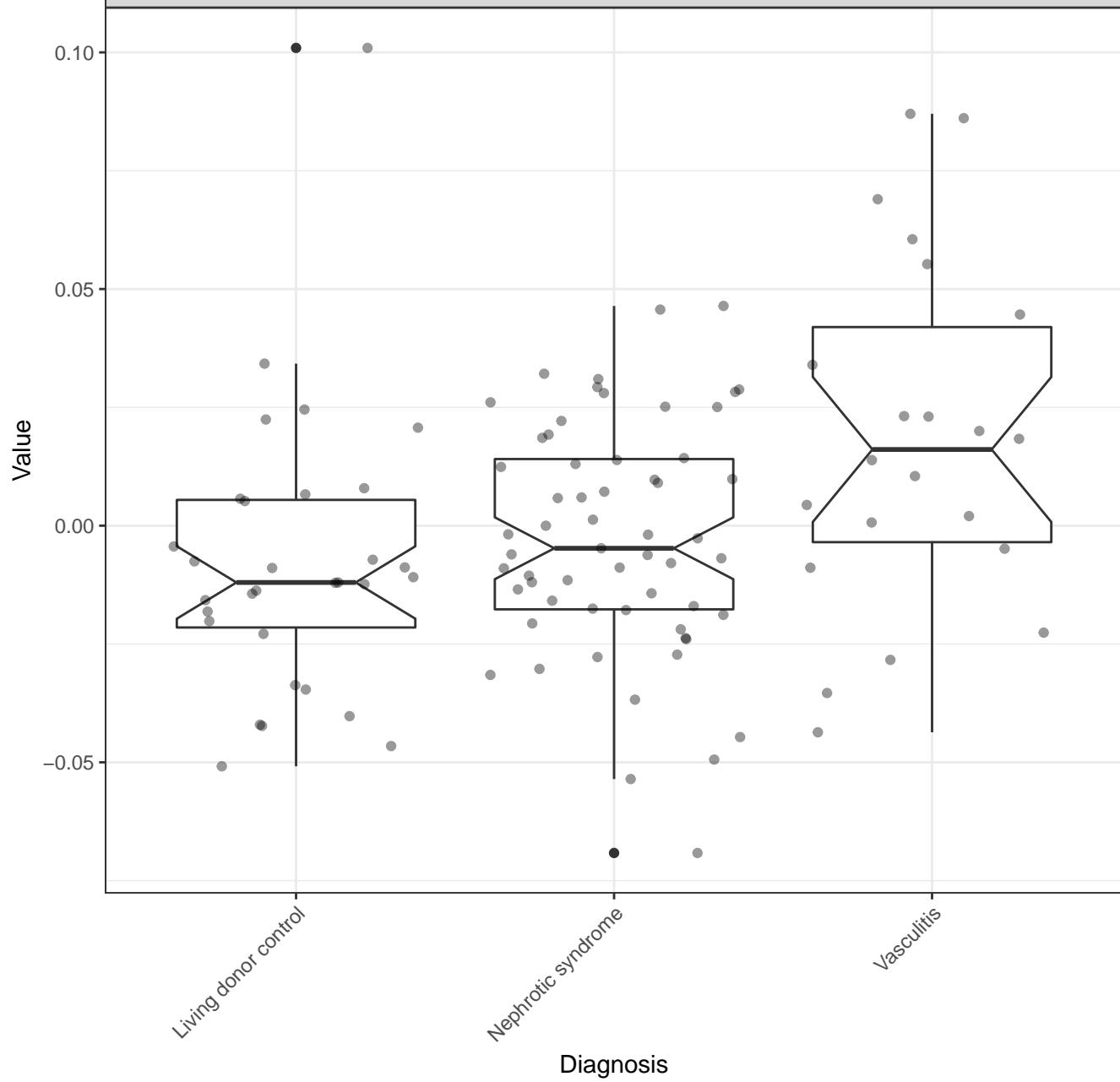
Living donor control

Nephrotic syndrome

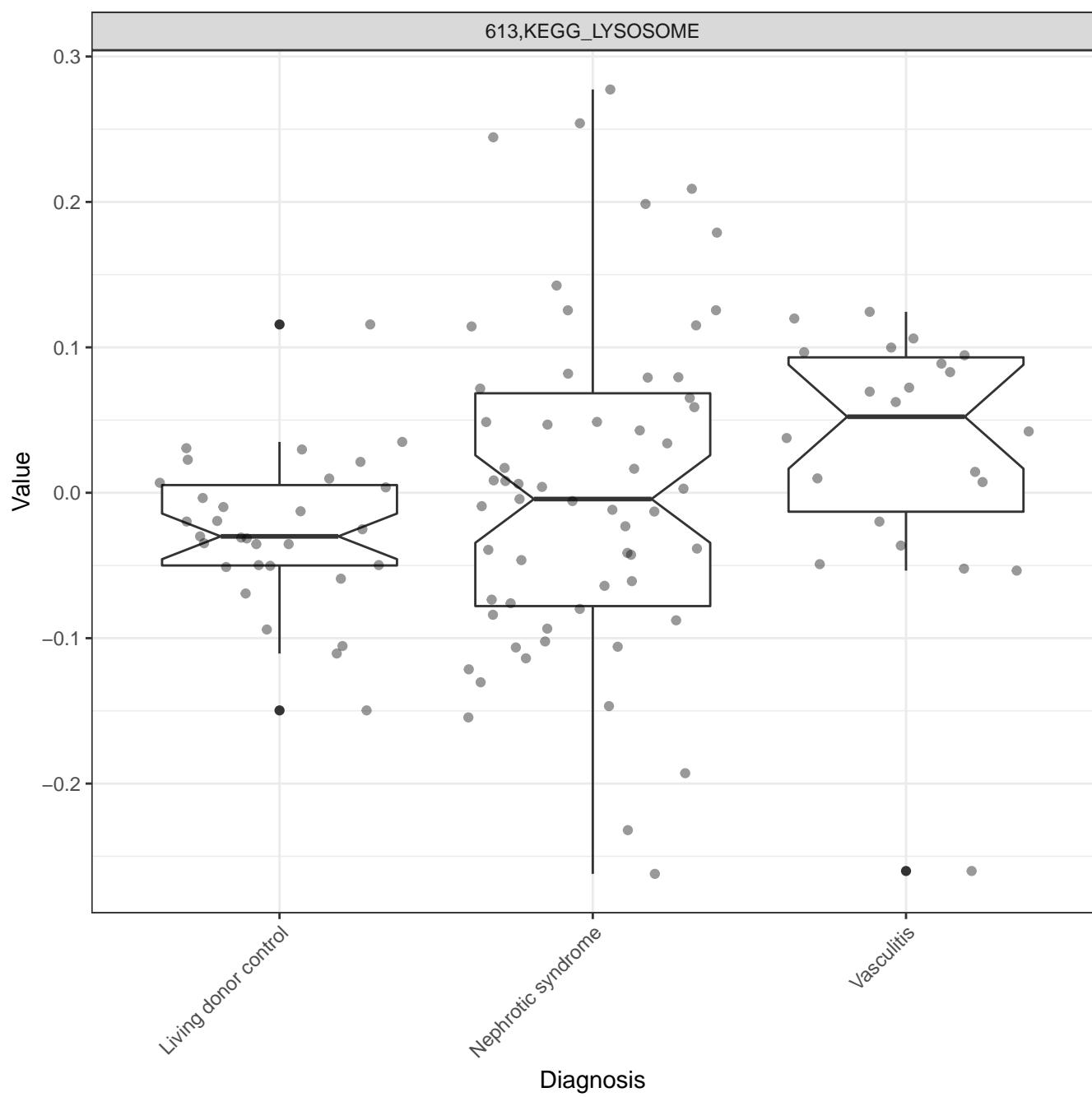
Vasculitis

Diagnosis

## 612,REACTOME\_GAB1\_SIGNALOSOME



## 613,KEGG\_LYSOSOME



LV 614

Value

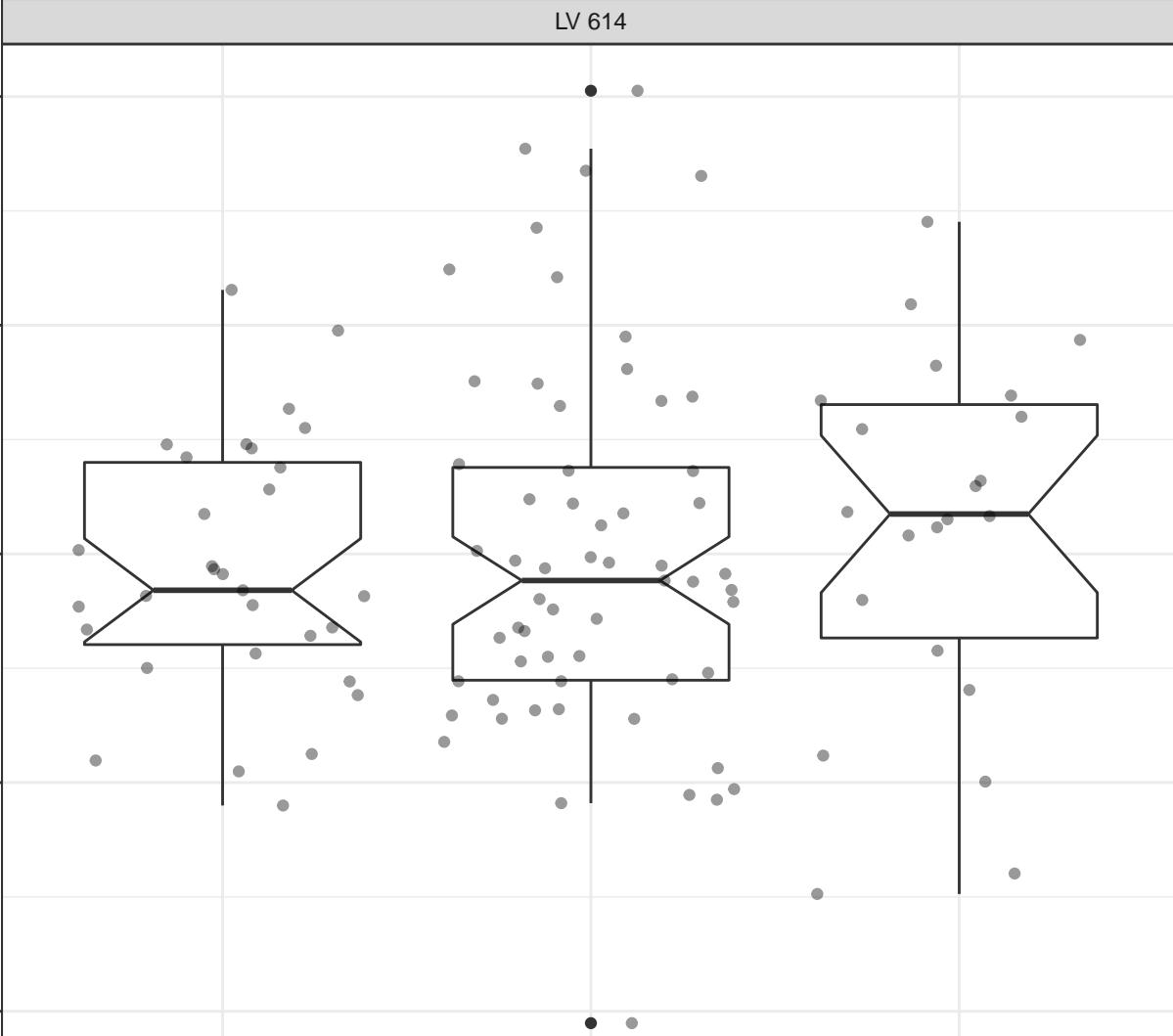
0.06  
0.03  
0.00  
-0.03  
-0.06

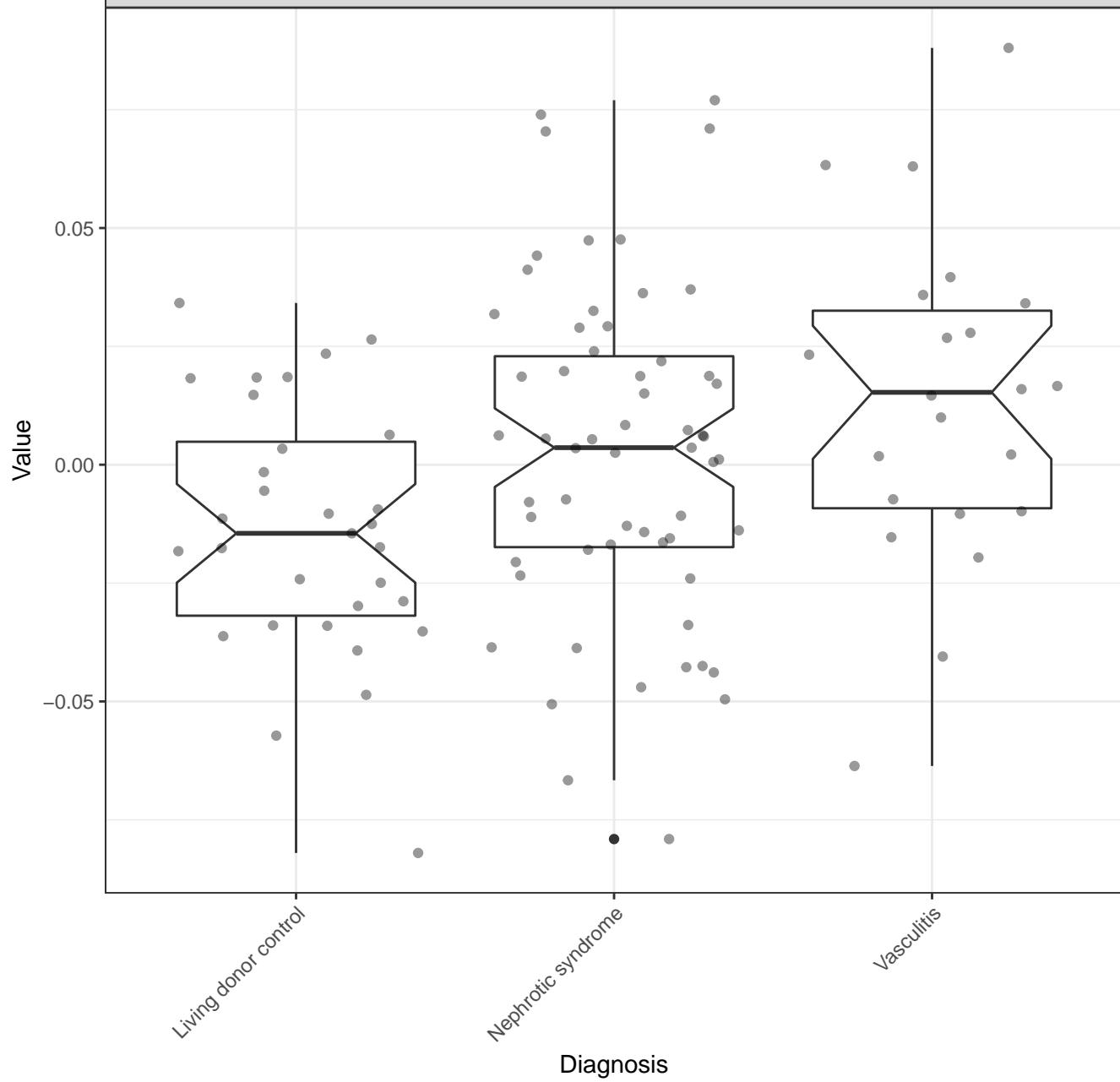
Living donor control

Nephrotic syndrome

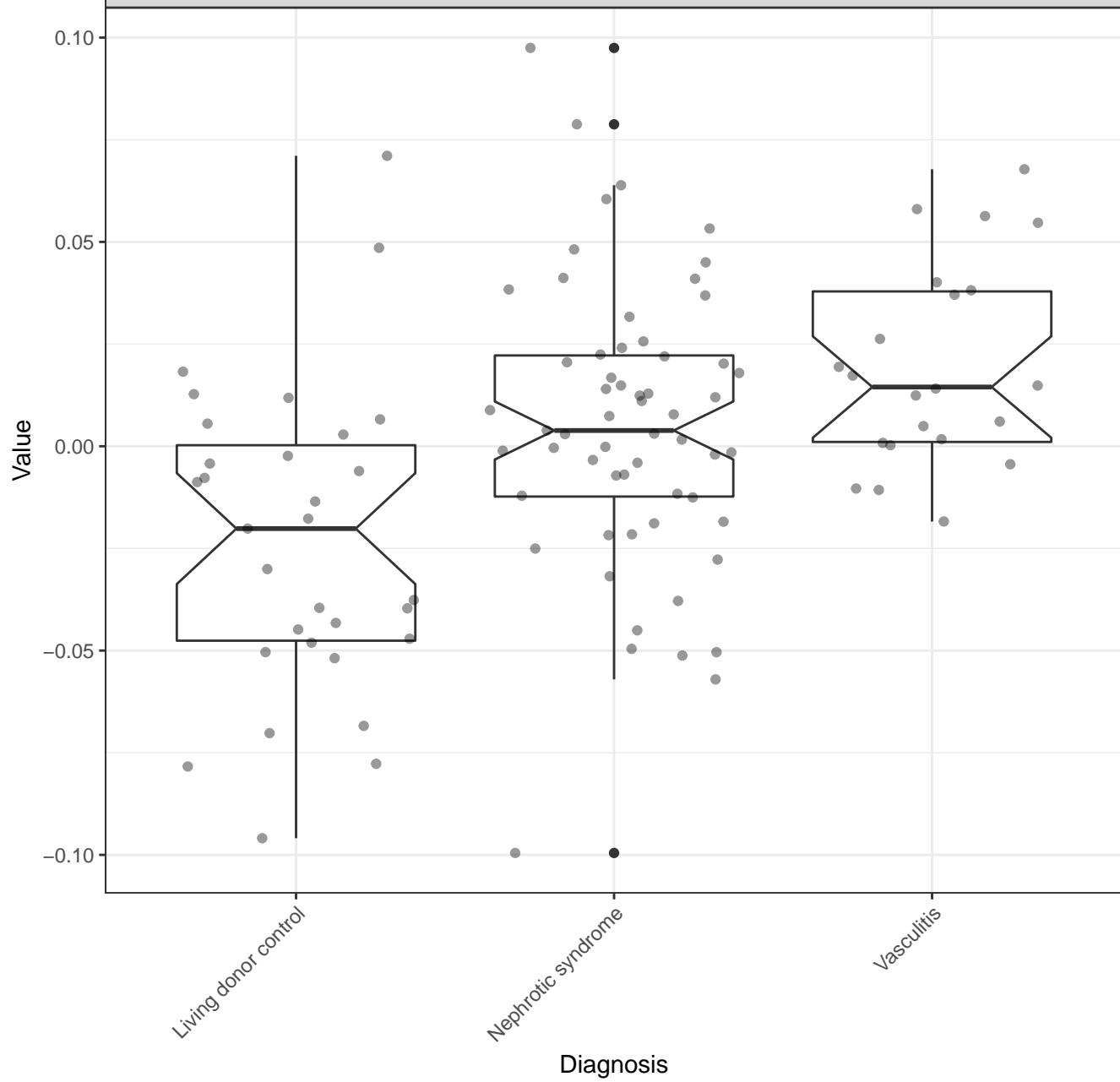
Vasculitis

Diagnosis





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

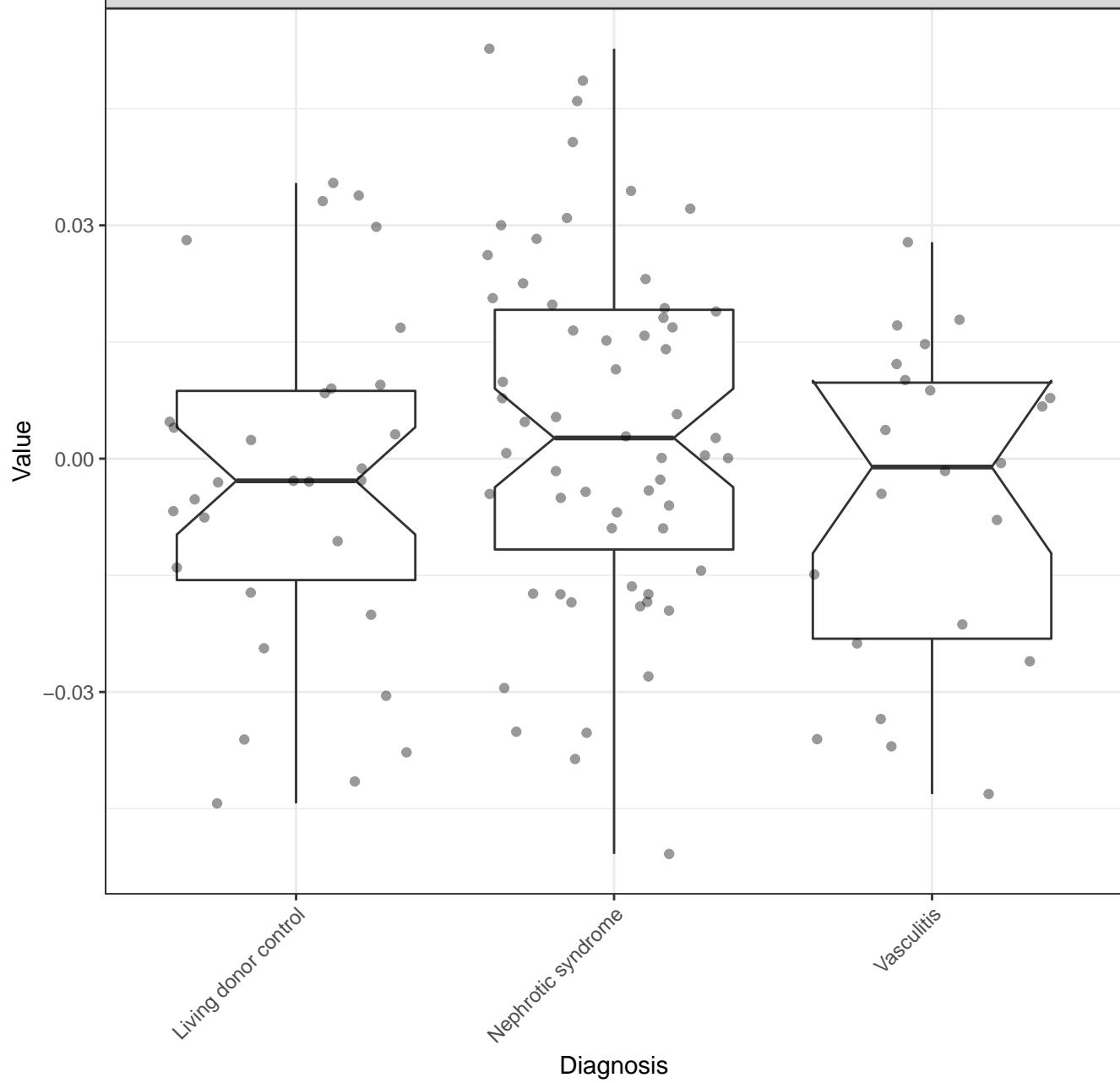
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.01

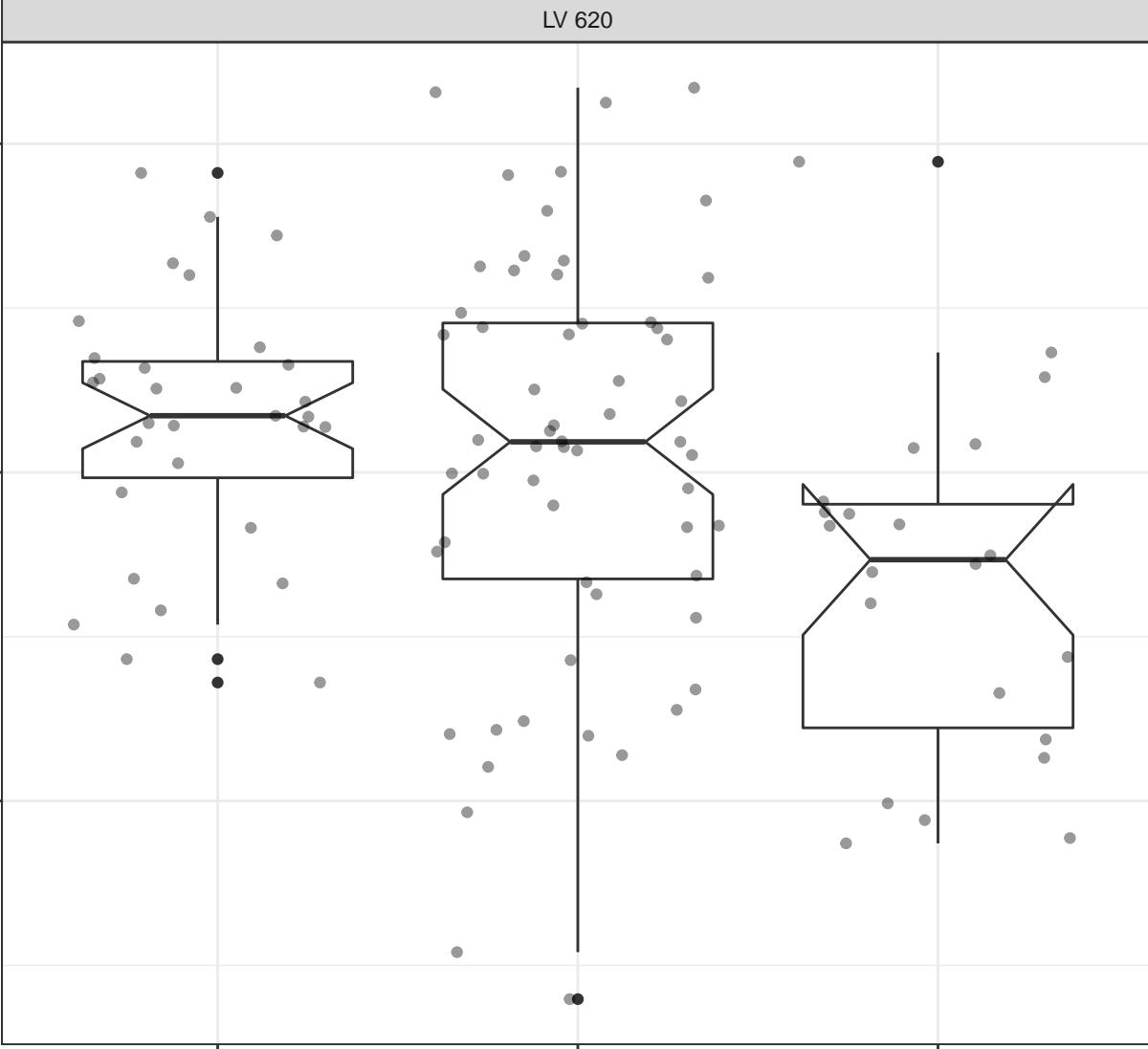
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.01

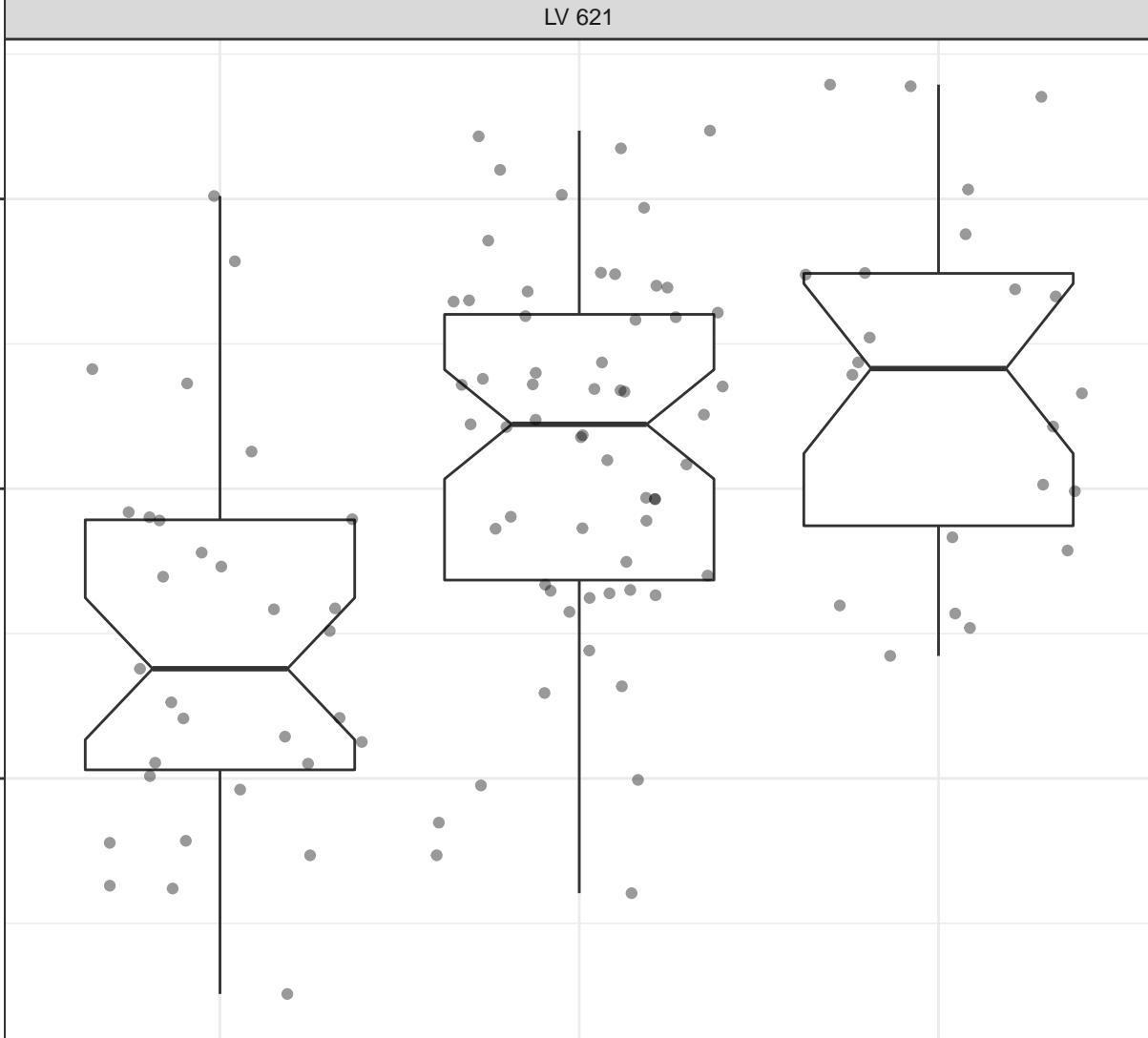
-0.04

Living donor control

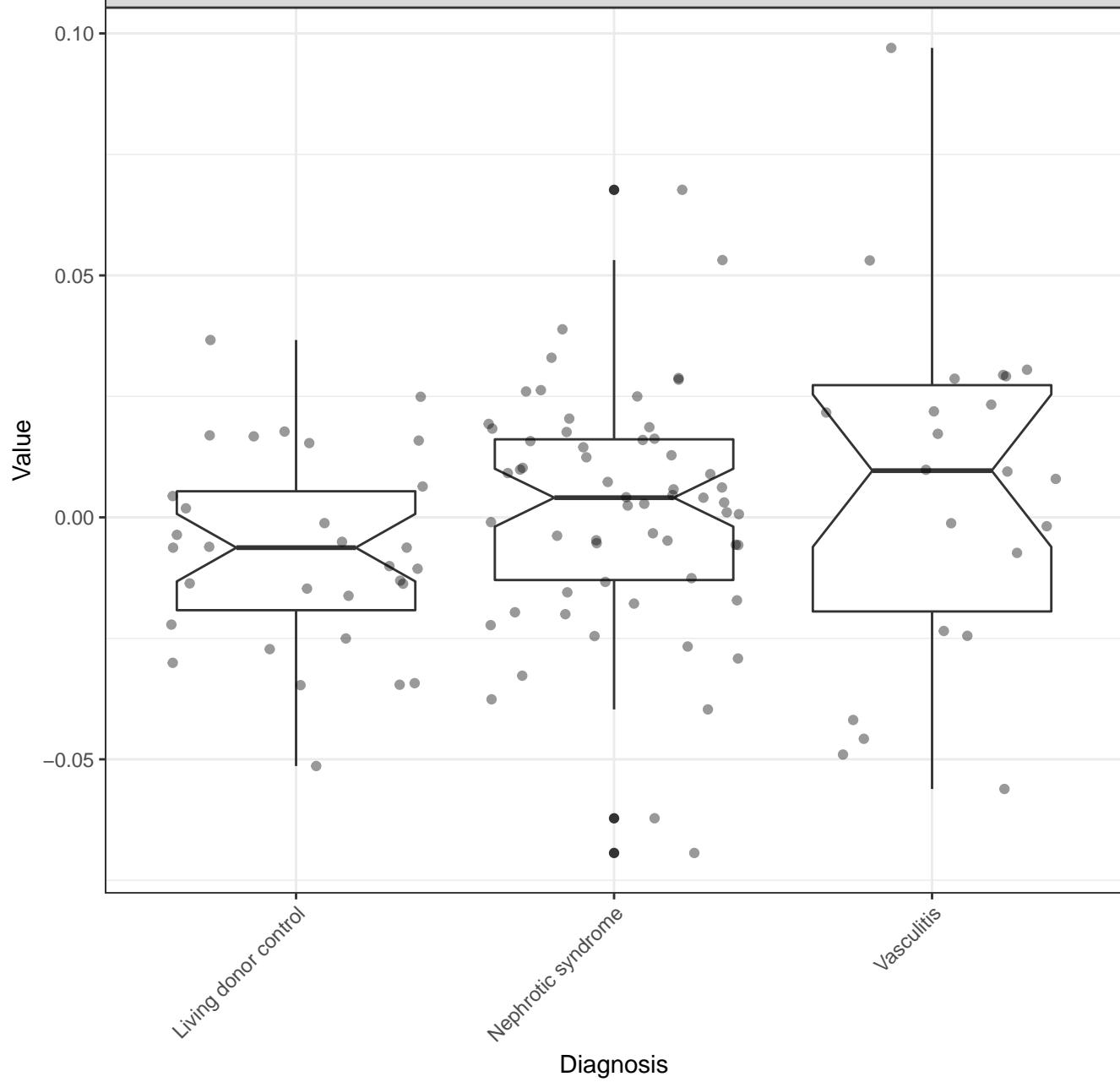
Nephrotic syndrome

Vasculitis

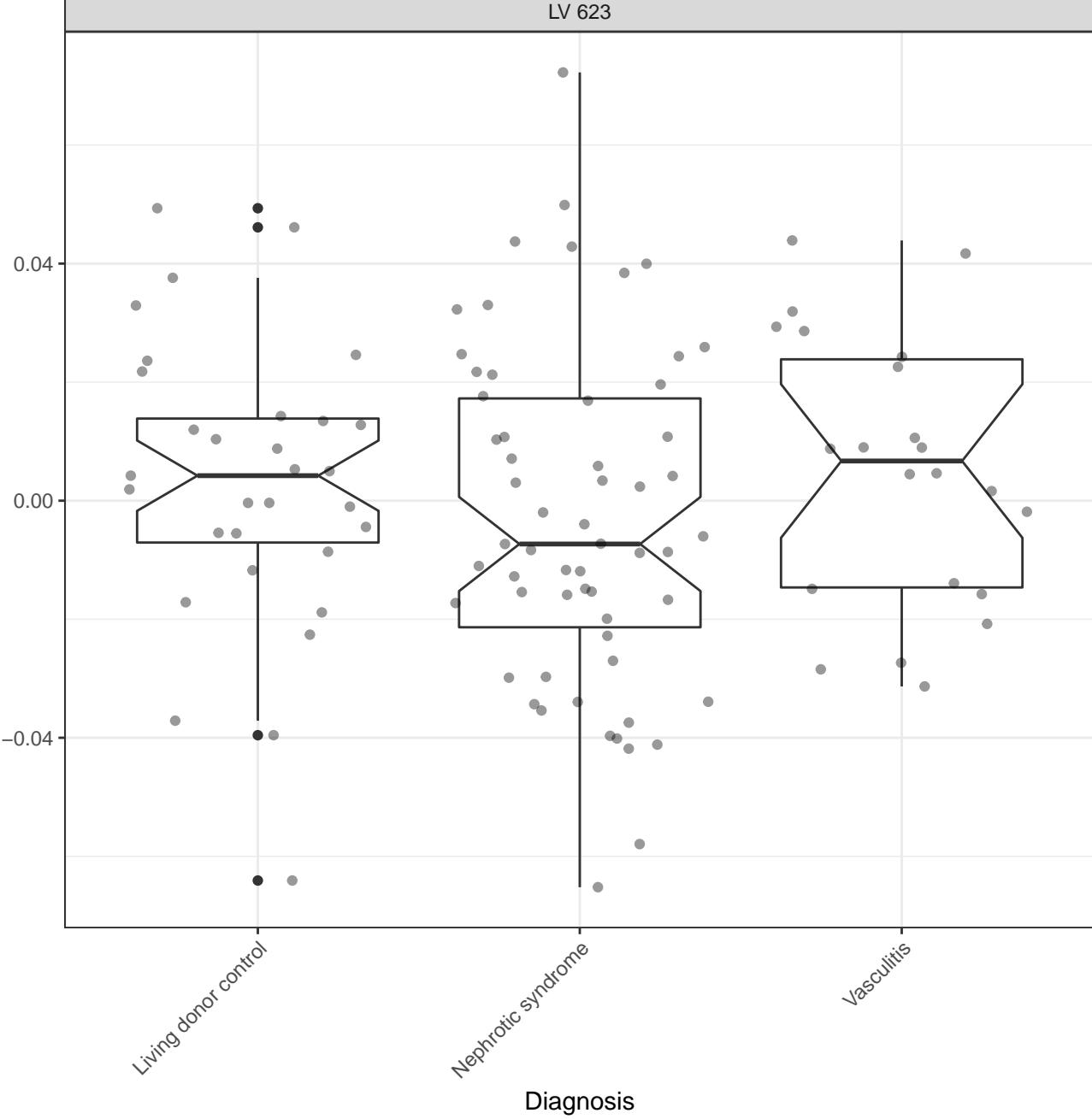
Diagnosis



LV 622



Value



Value

0.2

0.1

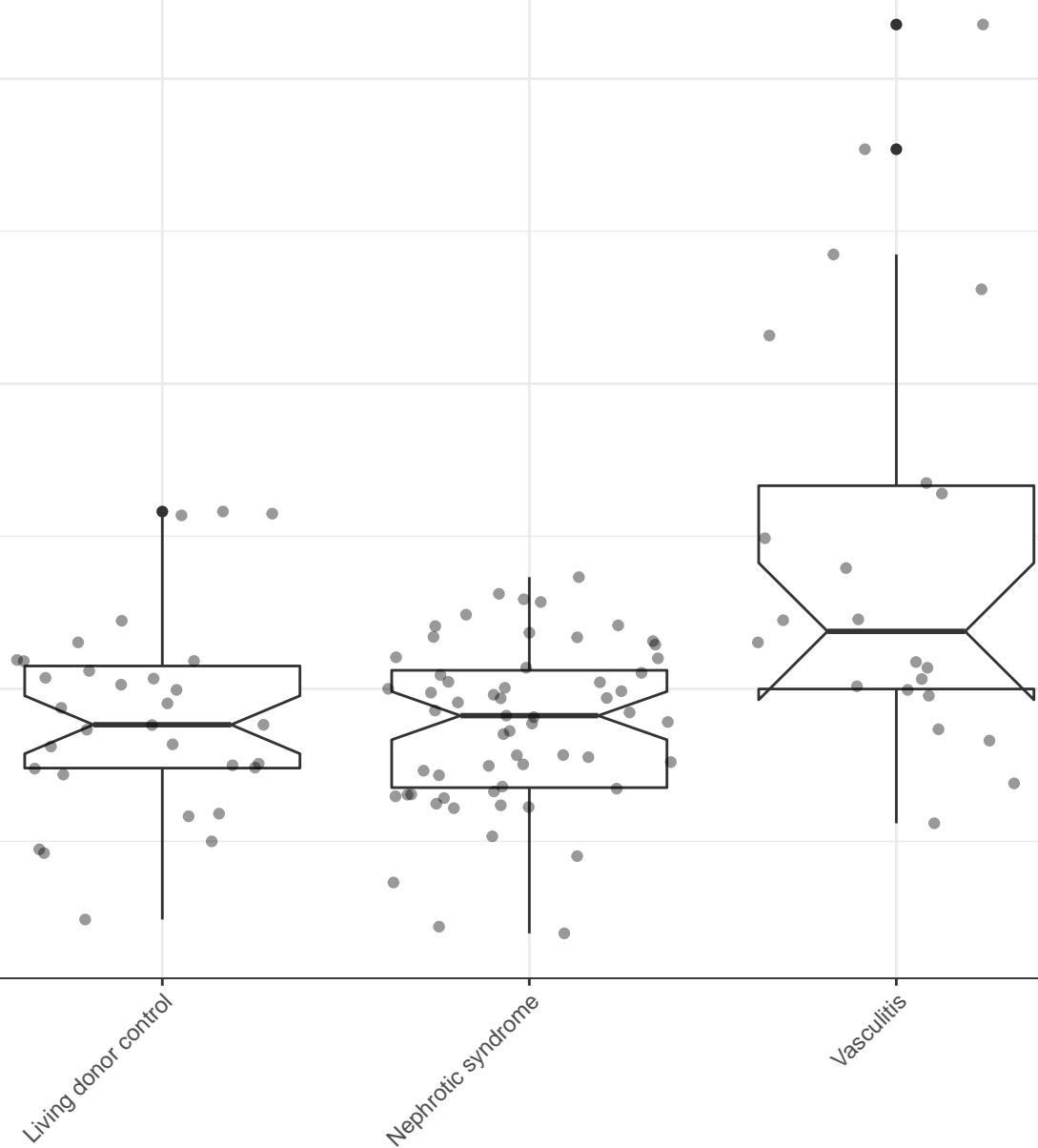
0.0

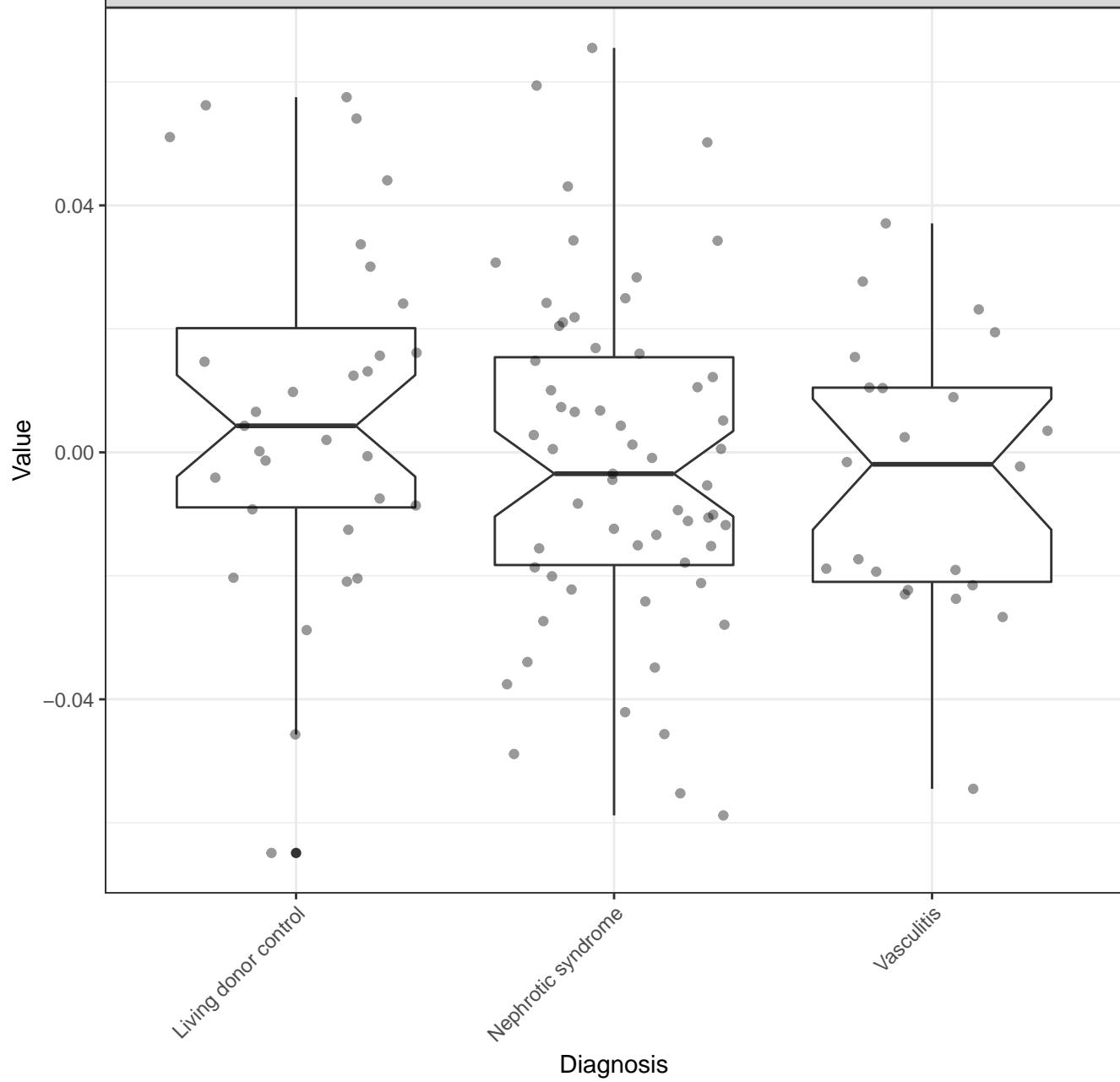
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 626

Value

0.06

0.03

0.01

-0.03

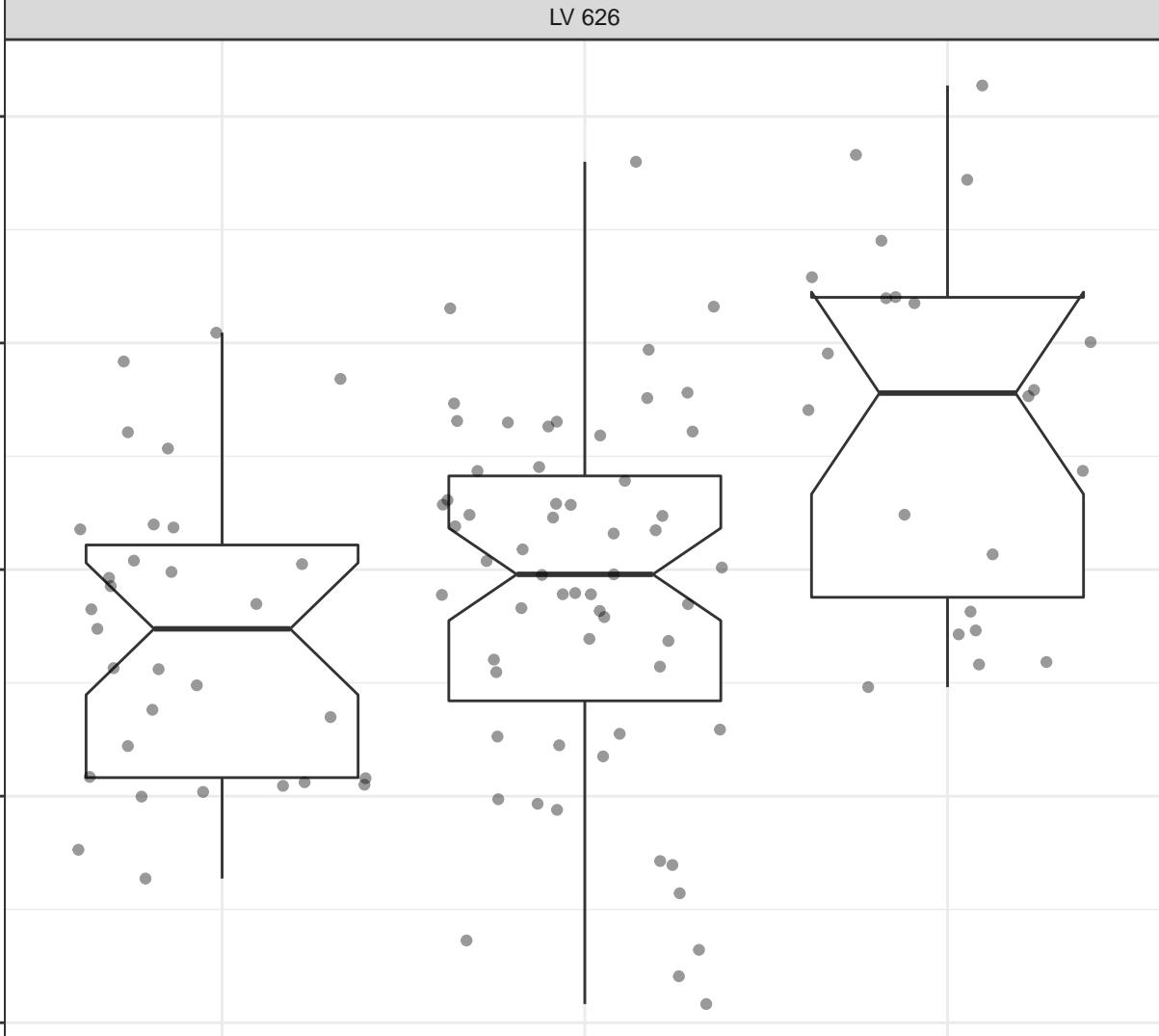
-0.06

Living donor control

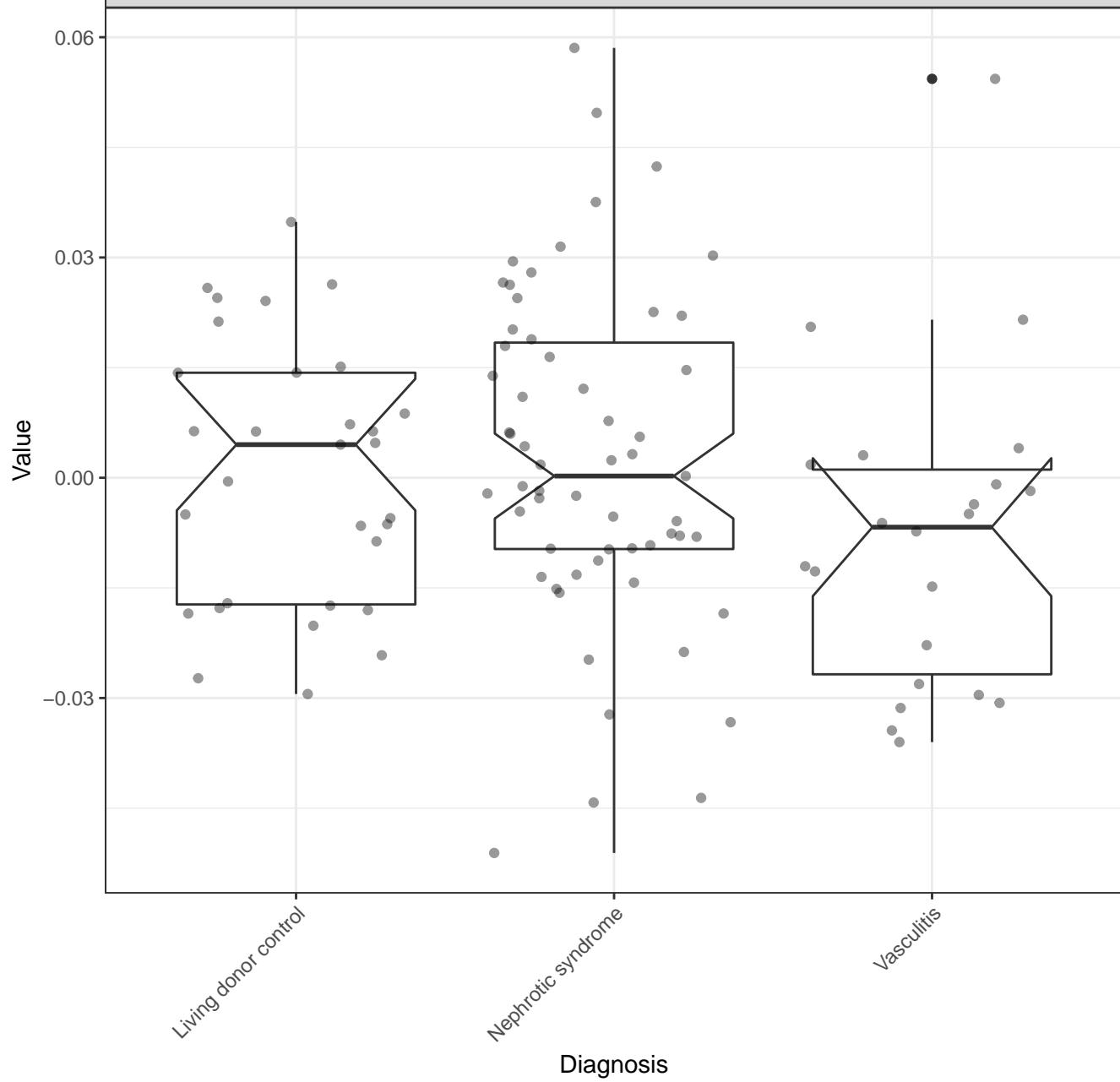
Nephrotic syndrome

Vasculitis

Diagnosis



LV 627



LV 628

Value

0.05

0.00

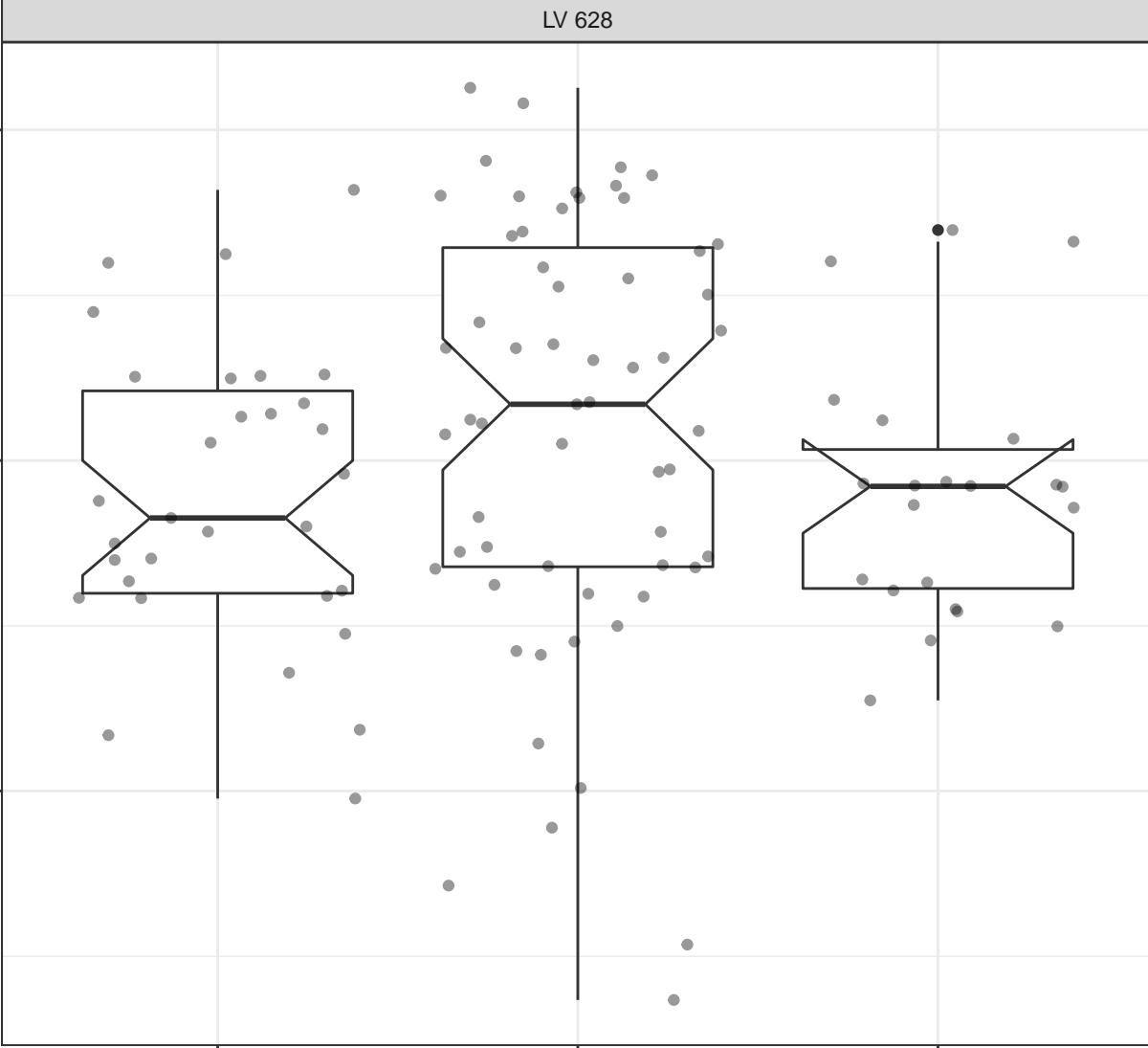
-0.05

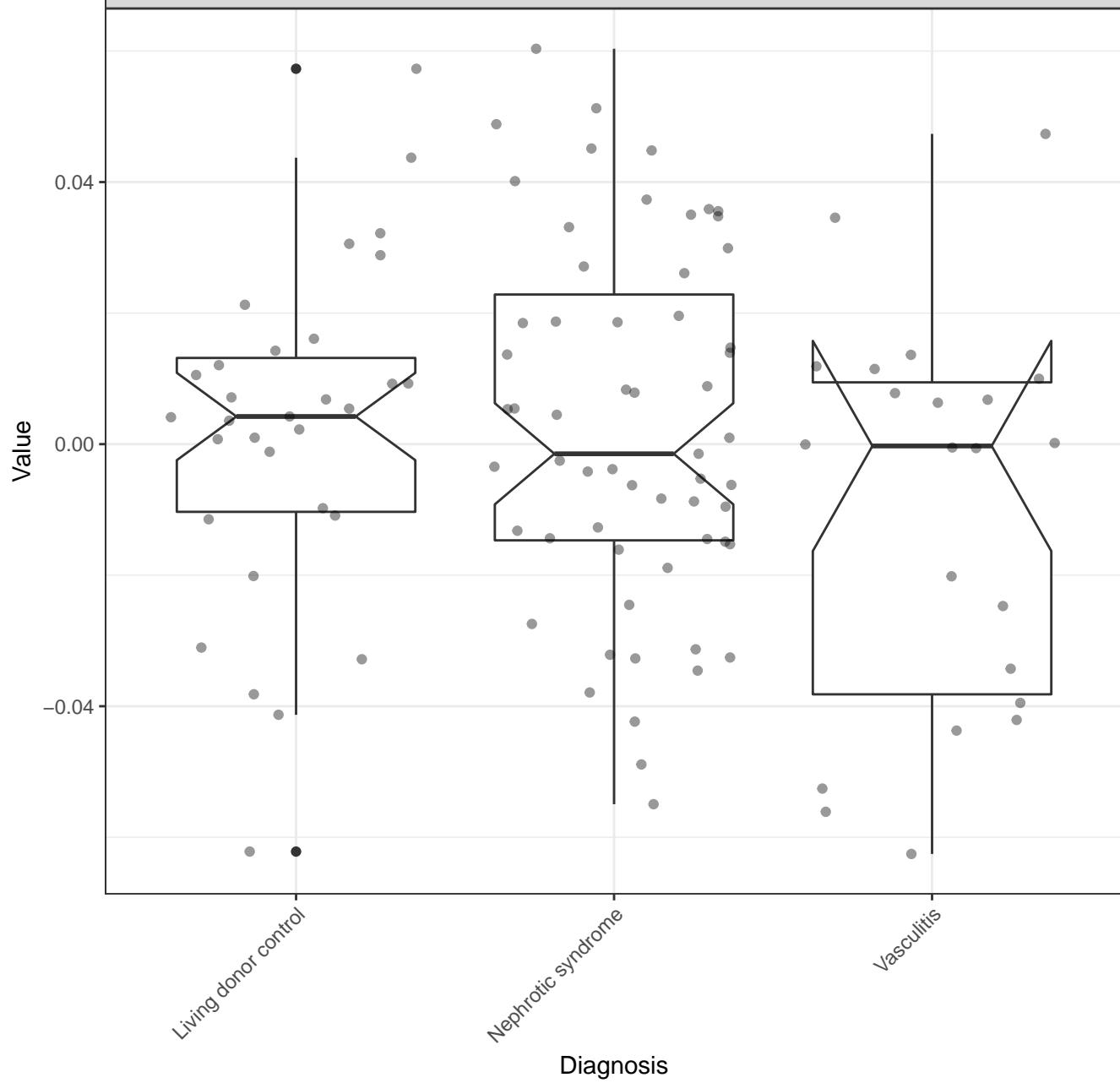
Living donor control

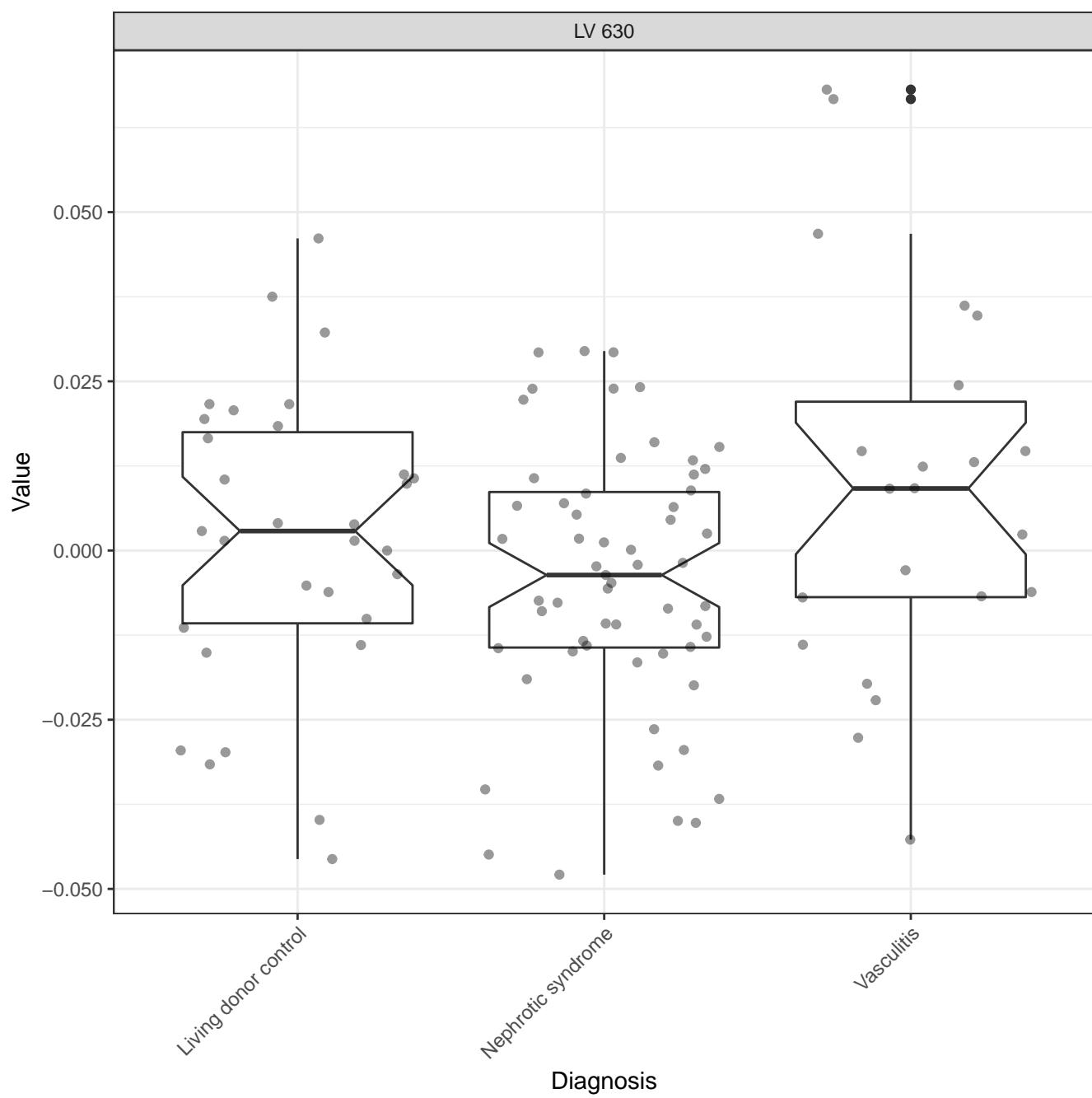
Nephrotic syndrome

Vasculitis

Diagnosis







Value

0.04

0.00

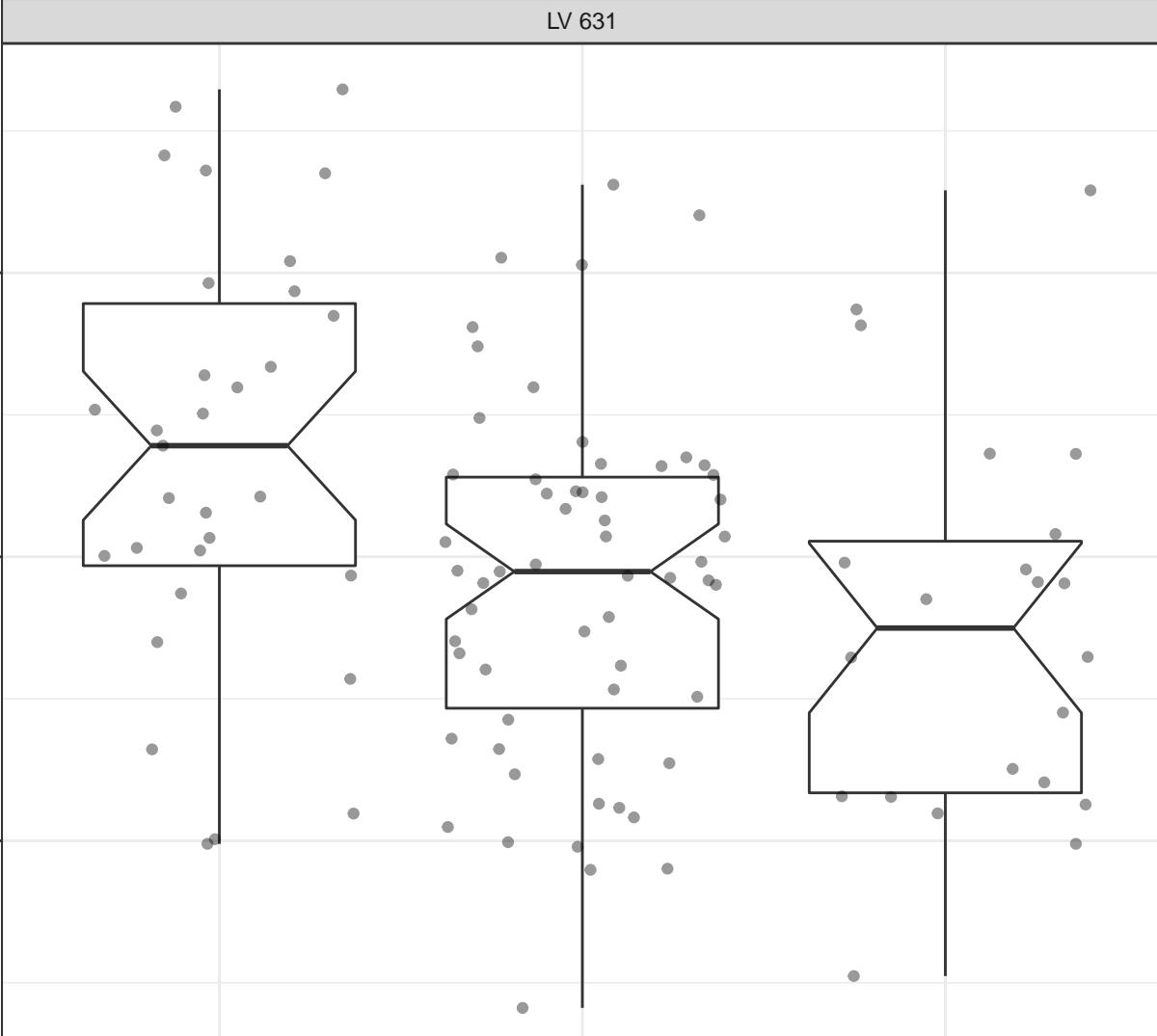
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 632

Value

0.06

0.03

0.00

-0.03

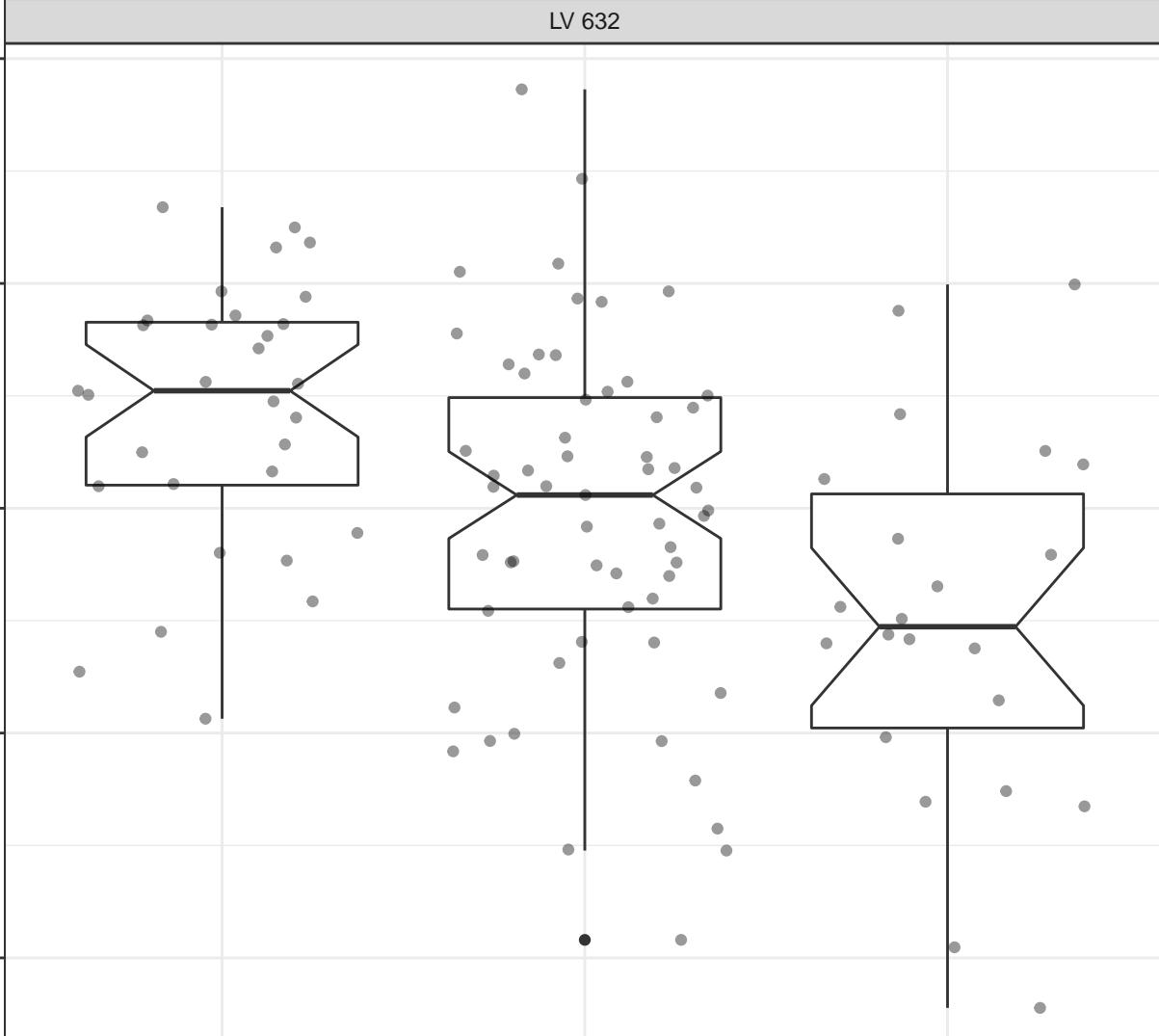
-0.06

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

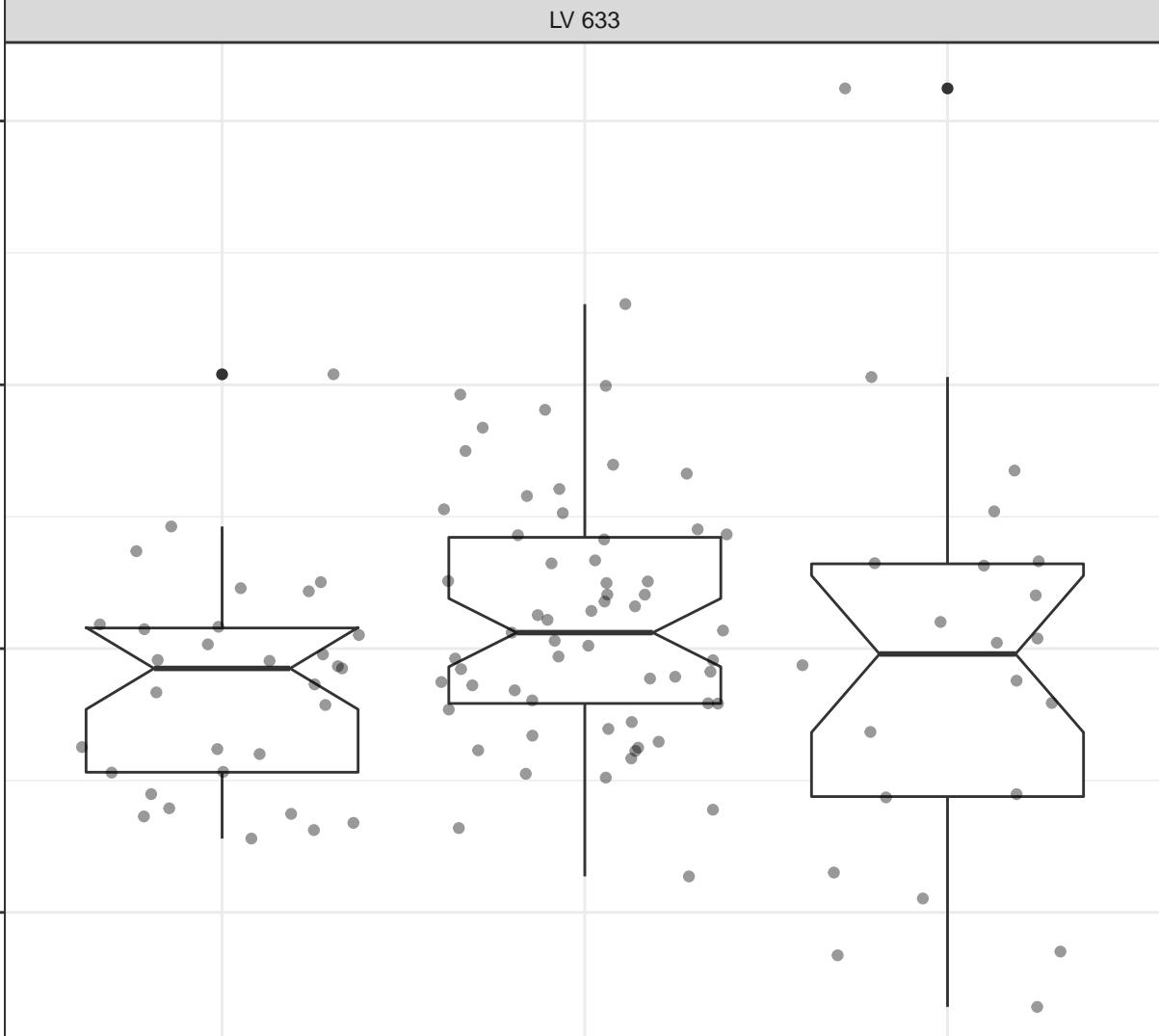
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

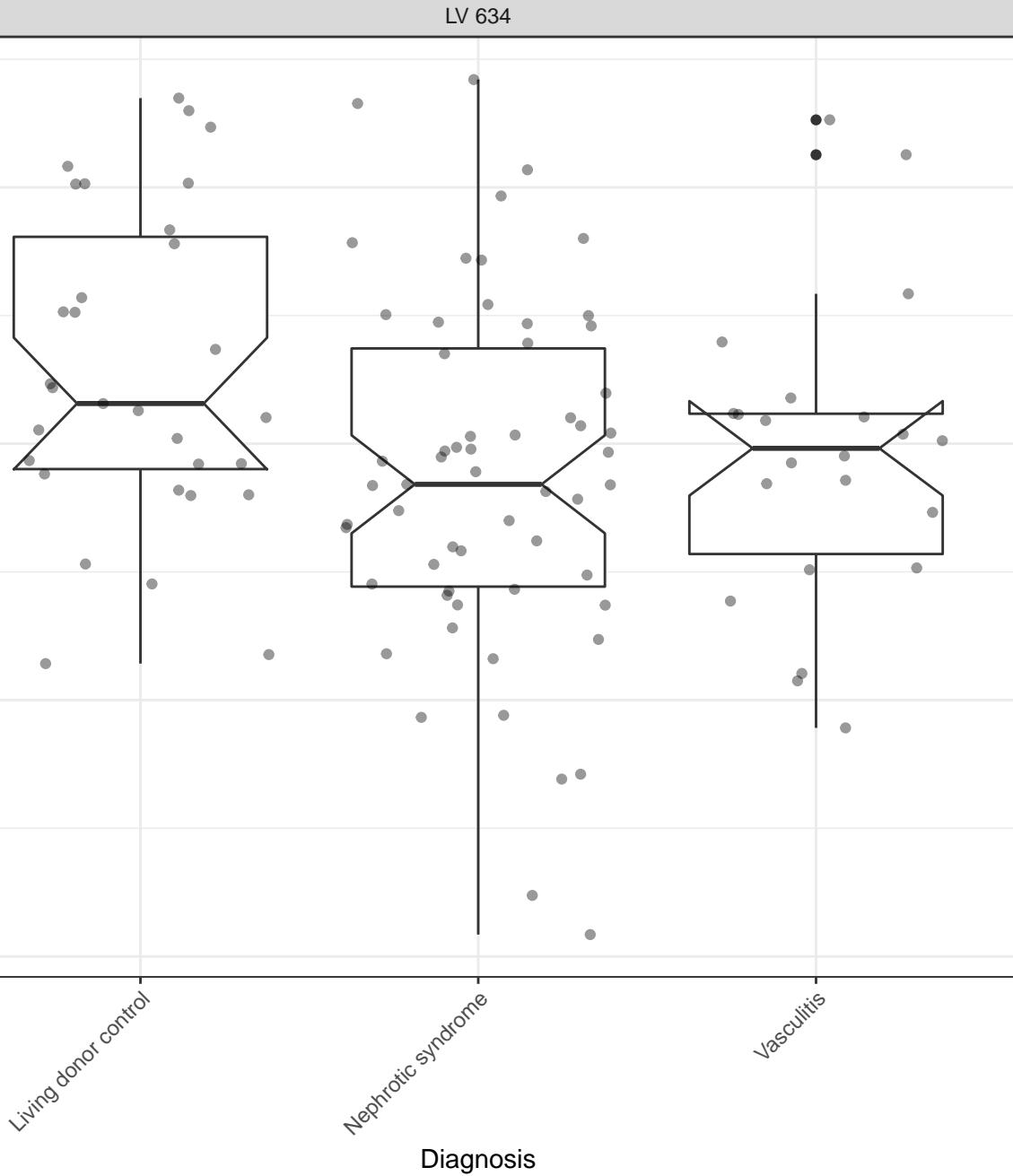
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

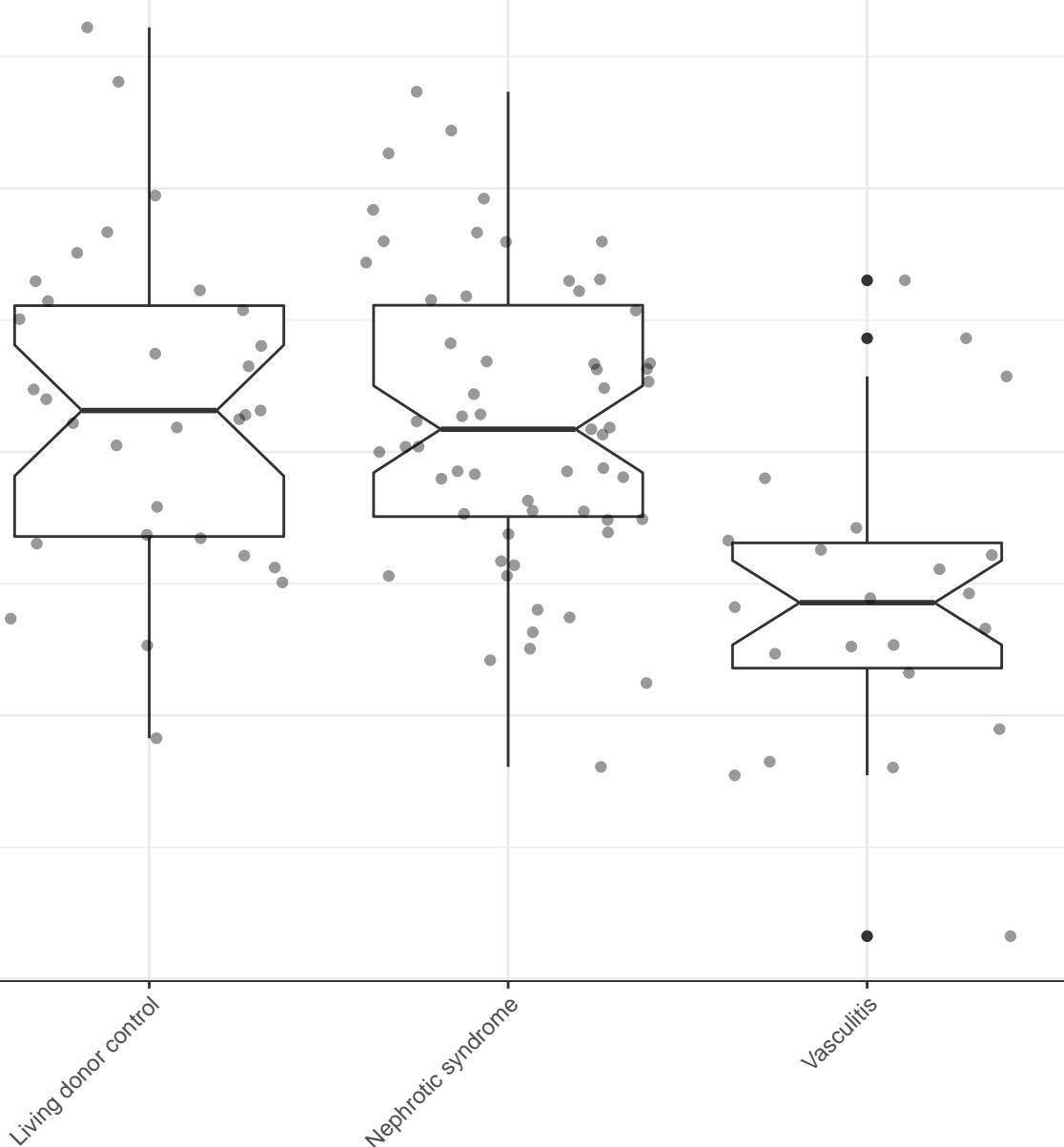
0.05  
0.00  
-0.05  
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

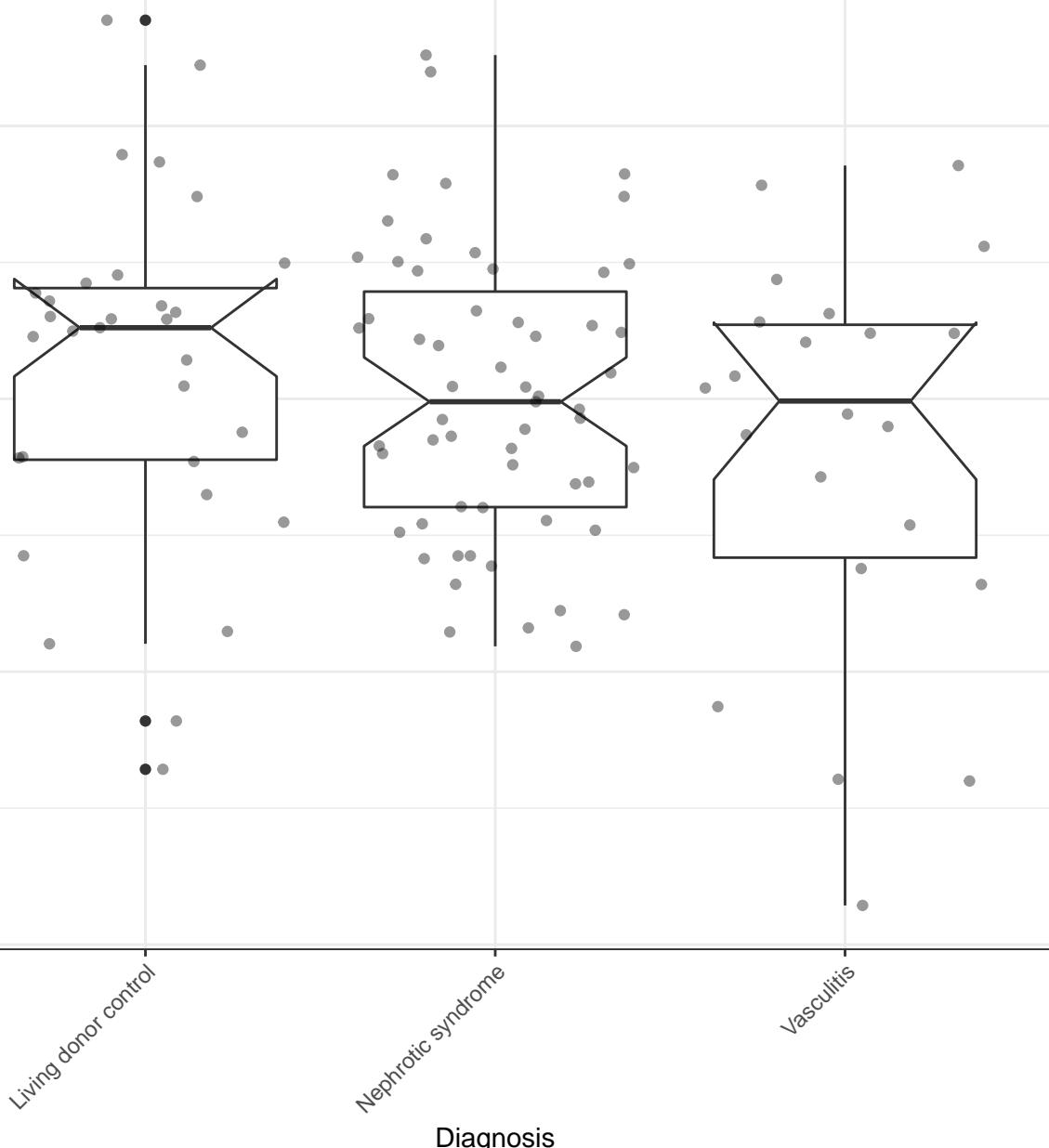
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



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

Value

0.08

0.04

0.00

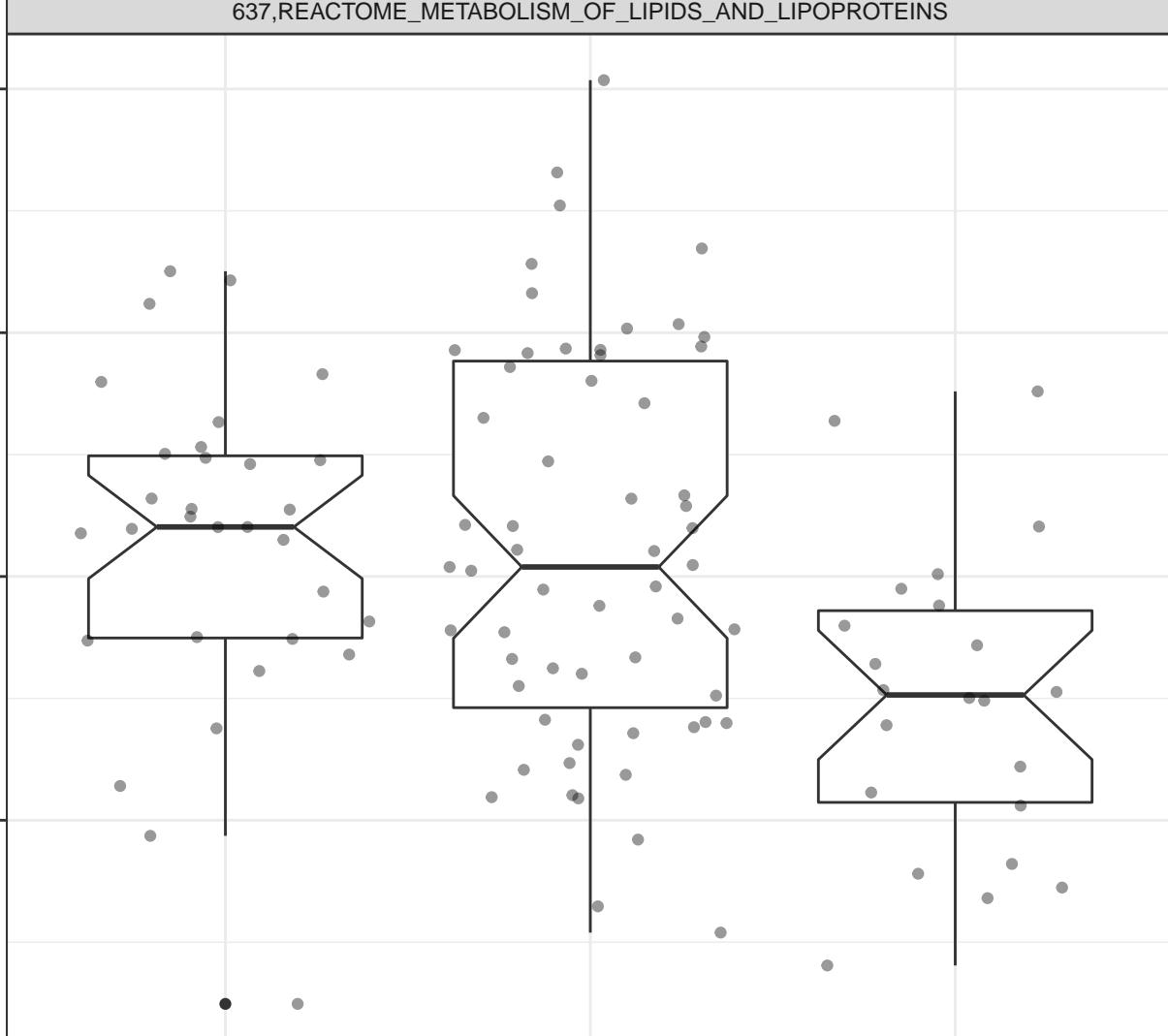
-0.04

Living donor control

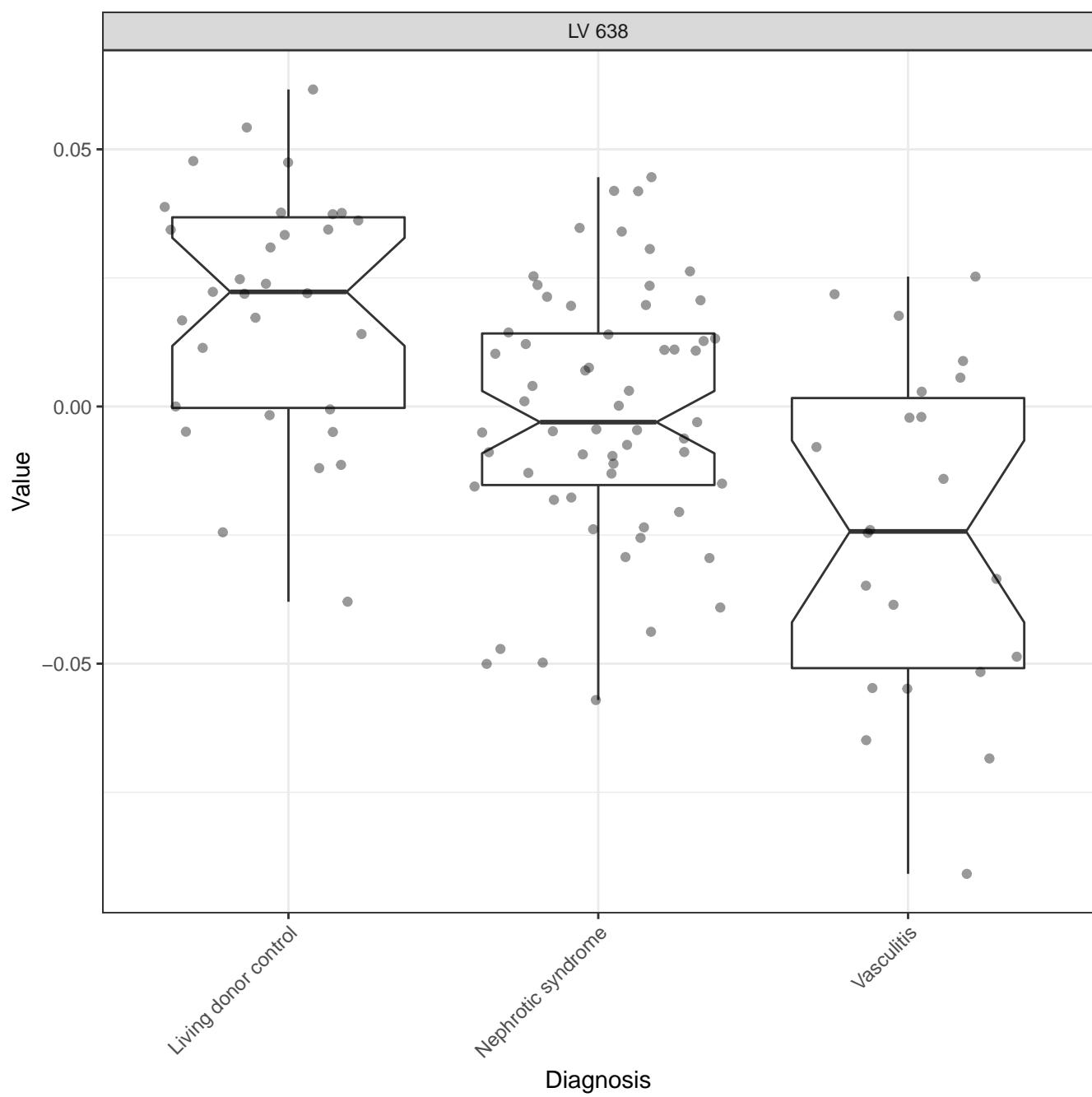
Nephrotic syndrome

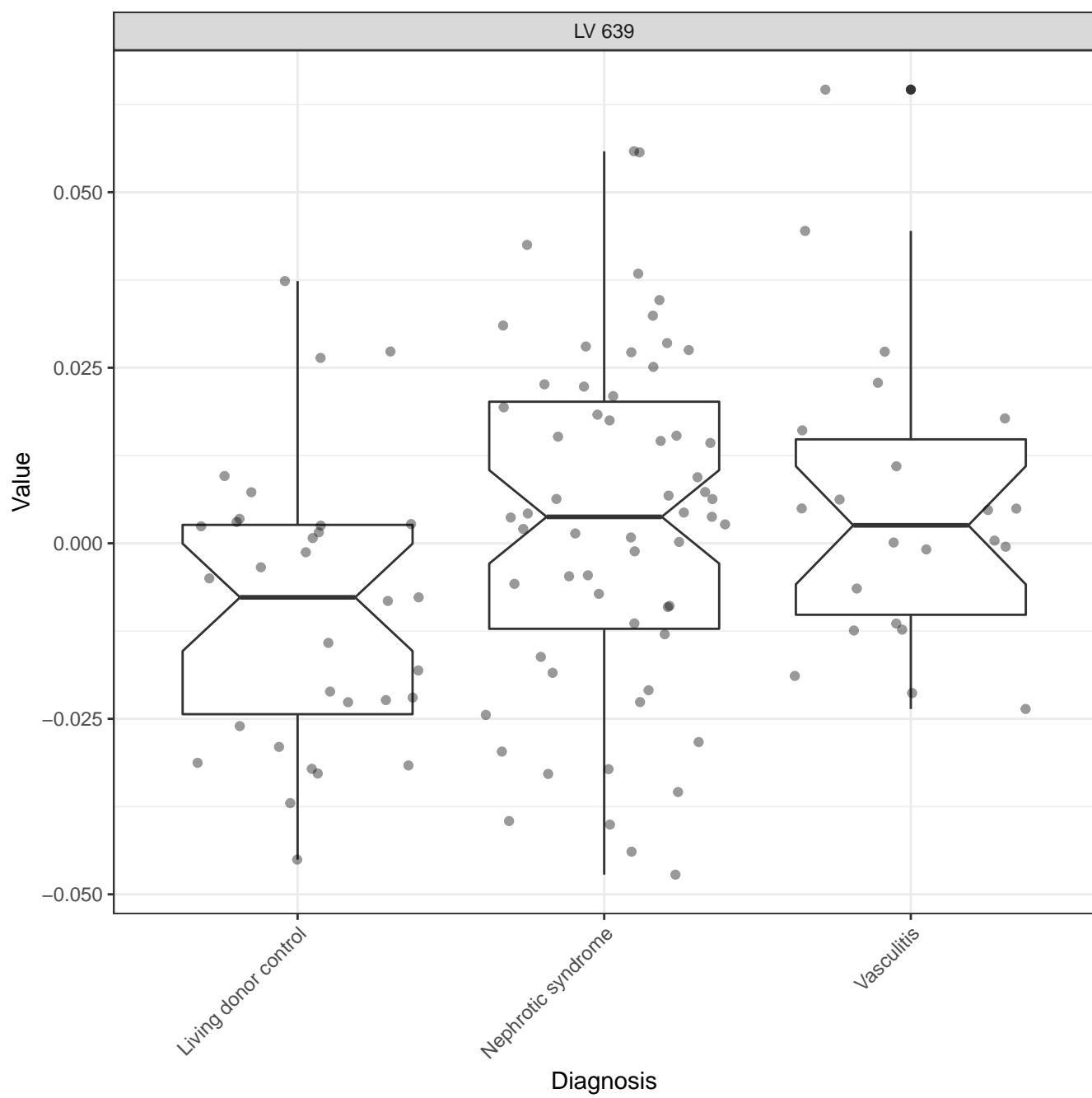
Vasculitis

Diagnosis



LV 638





Value

0.05

0.00

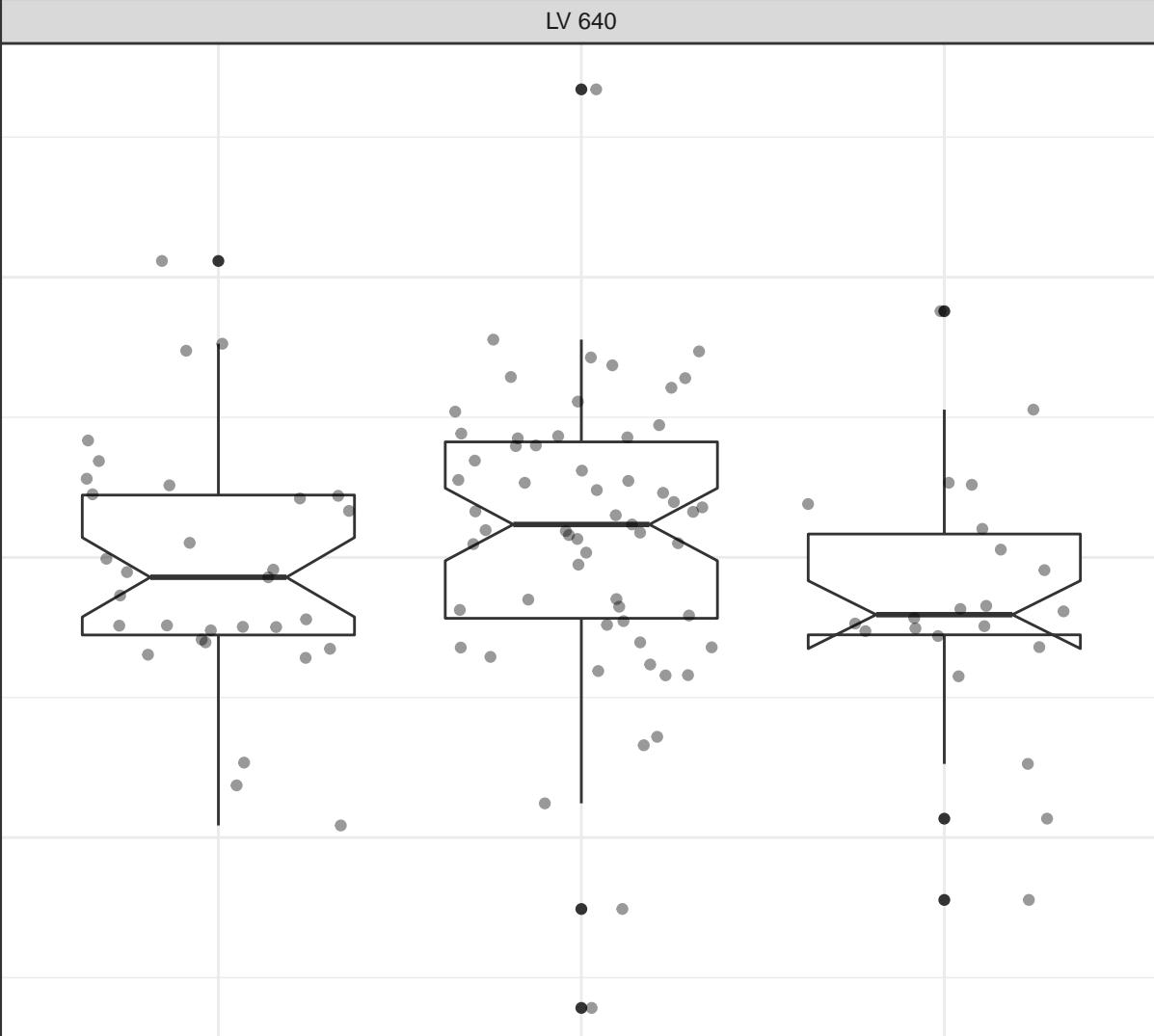
-0.05

Living donor control

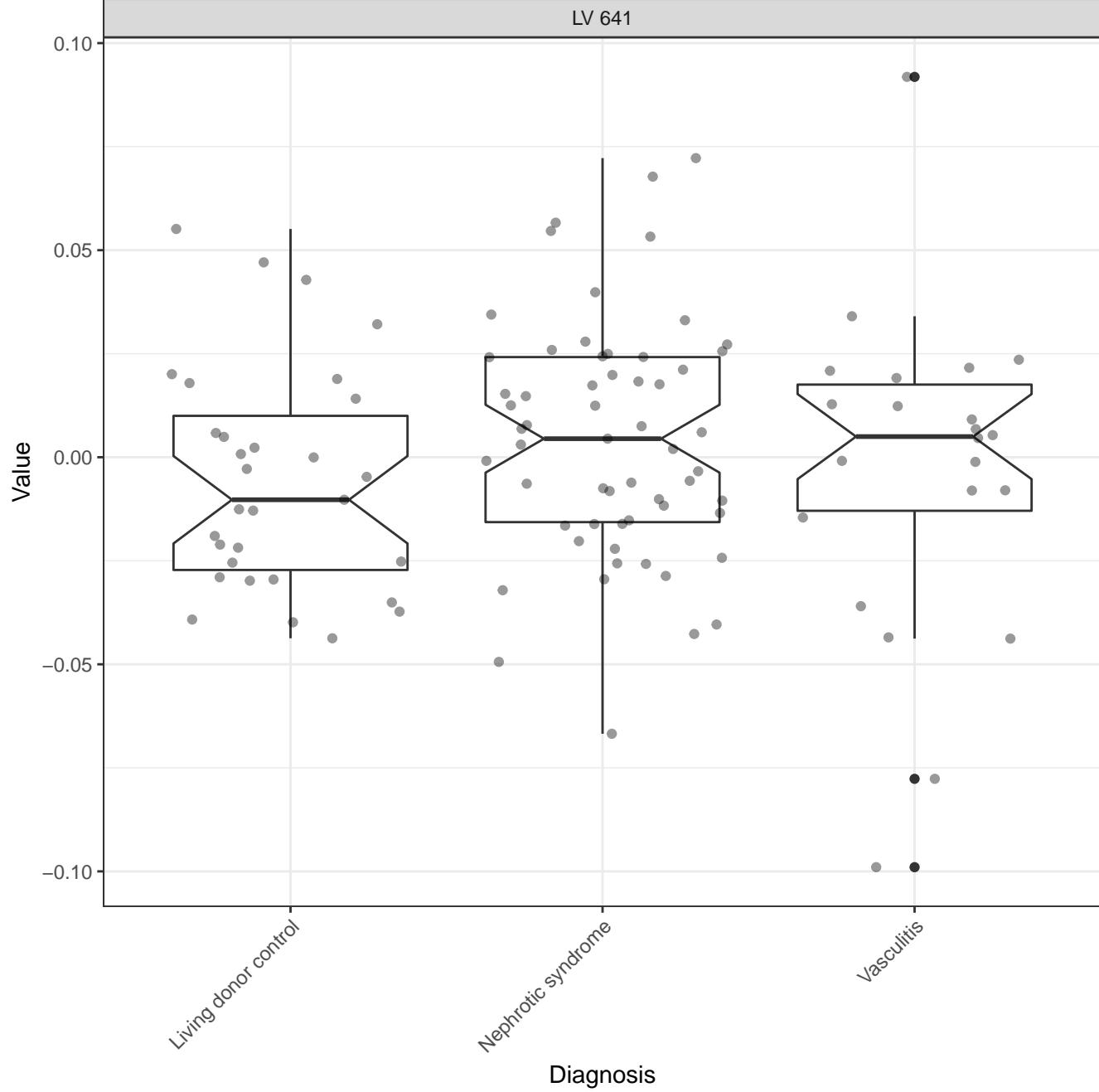
Nephrotic syndrome

Vasculitis

Diagnosis



LV 641



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

Value

0.05

0.00

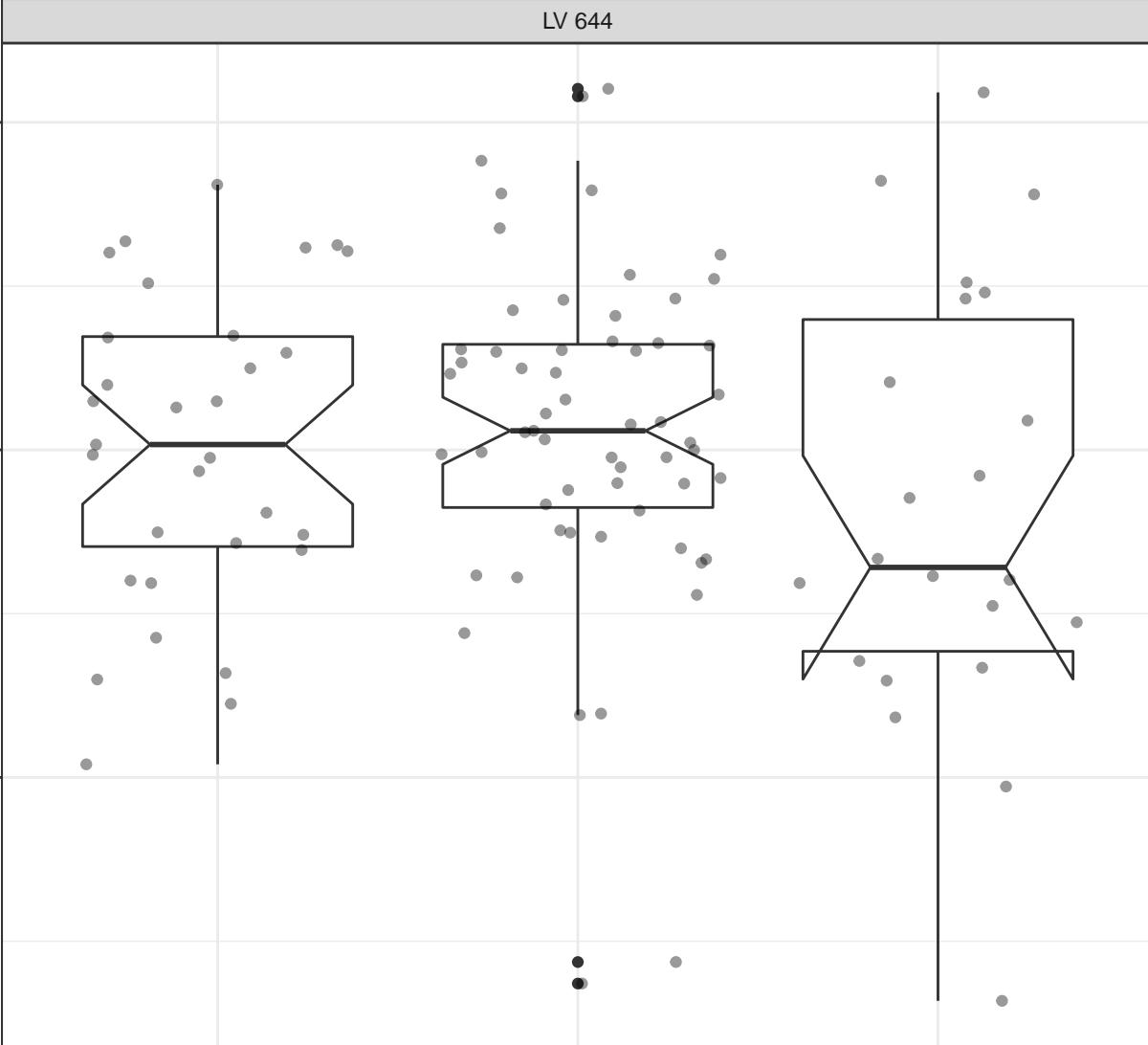
-0.05

Living donor control

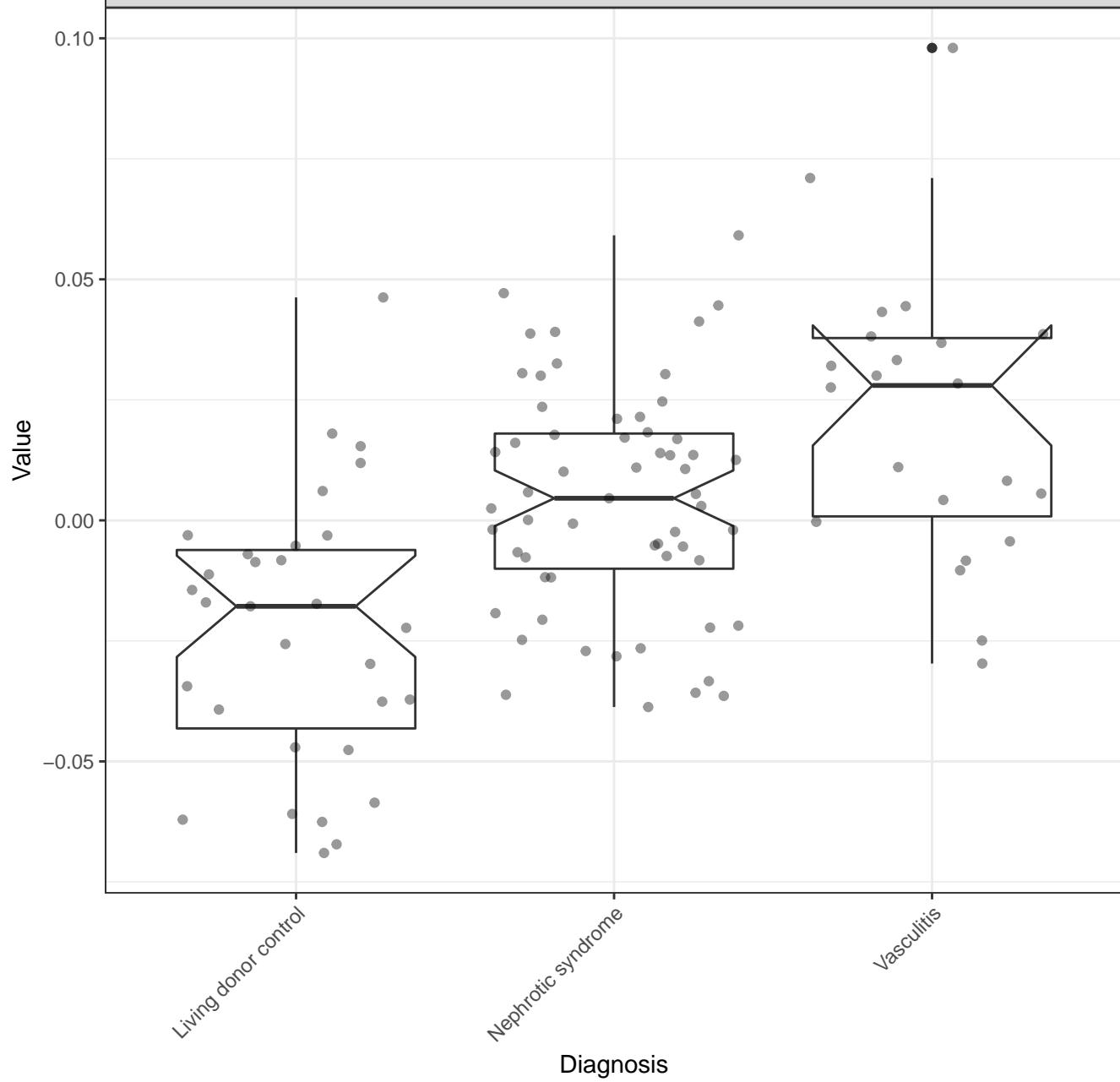
Nephrotic syndrome

Vasculitis

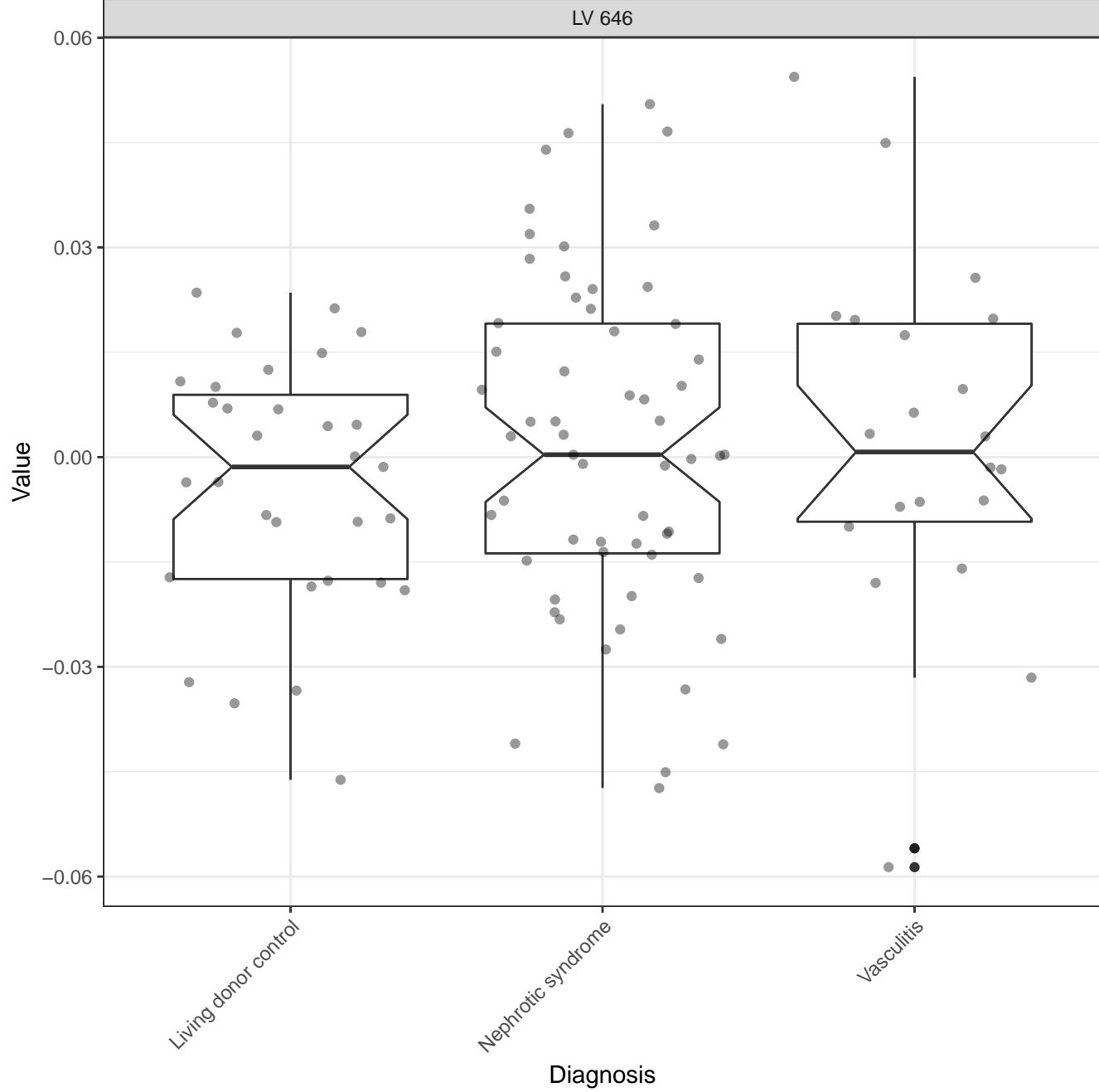
Diagnosis



LV 645



LV 646



Value

0.10

0.05

0.00

-0.05

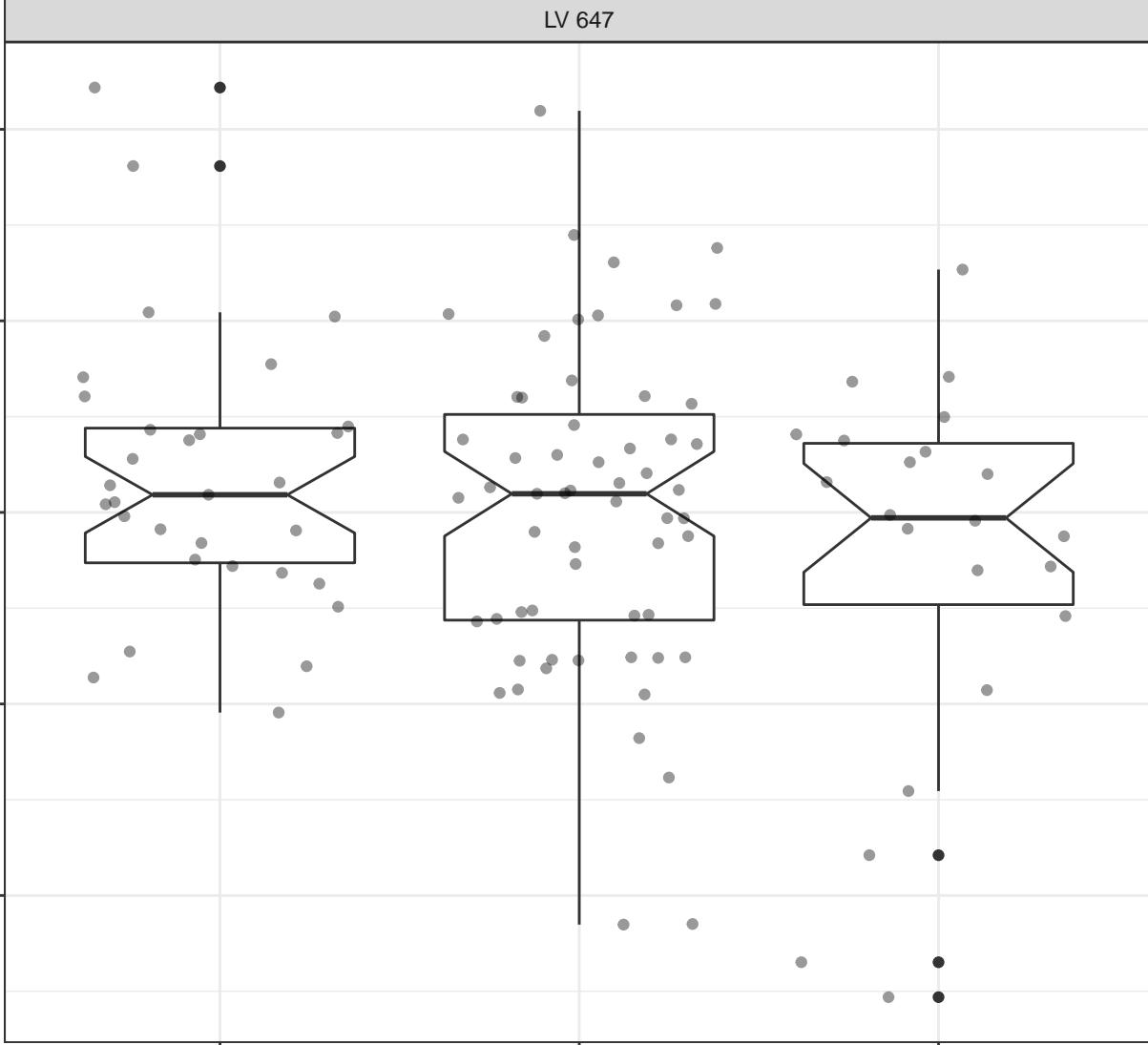
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 648

Value

0.05

0.00

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

## 649,IRIS\_Monocyte-Day1

Value

0.2

0.1

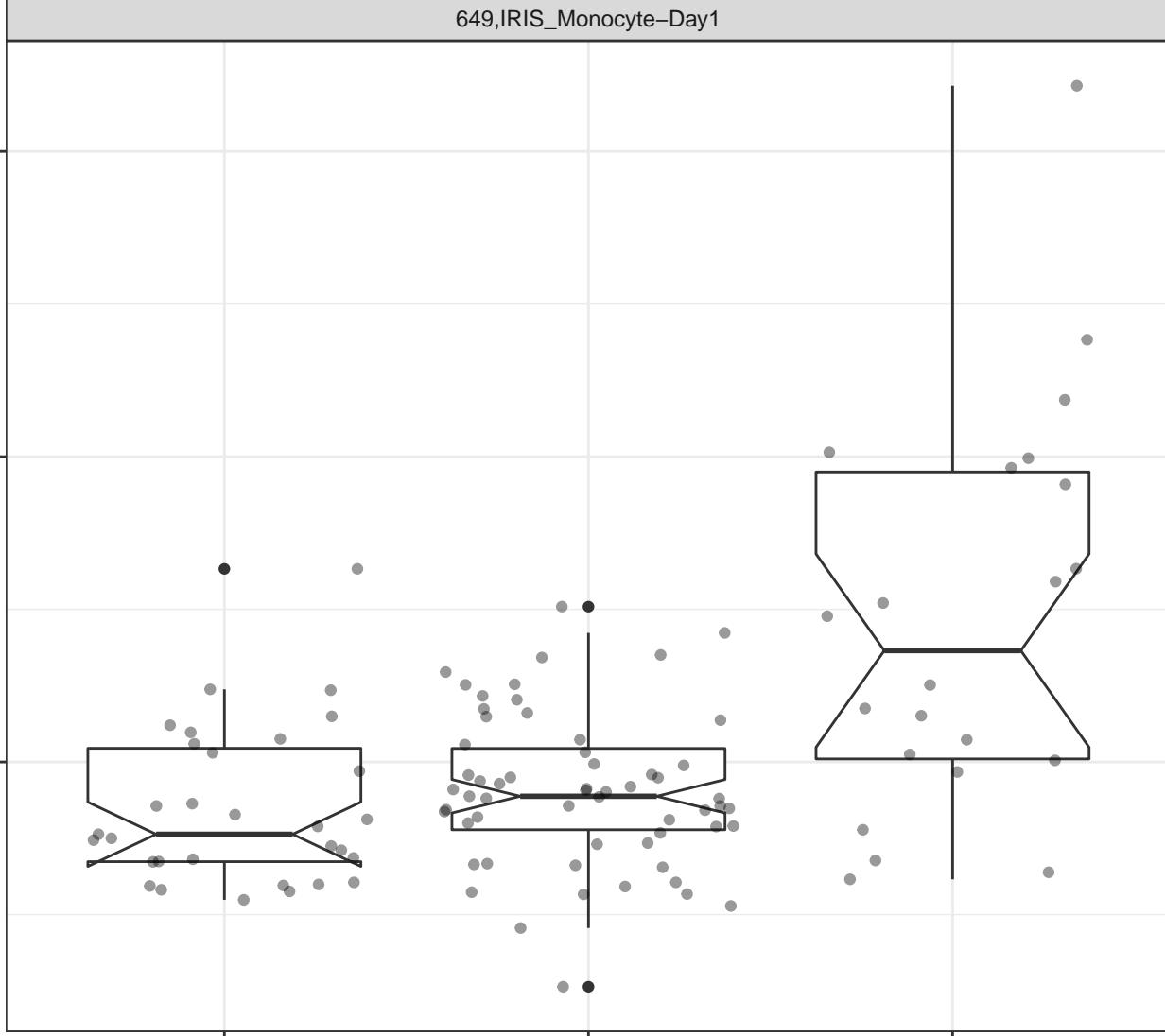
0.0

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 650

Value

0.10

0.05

0.00

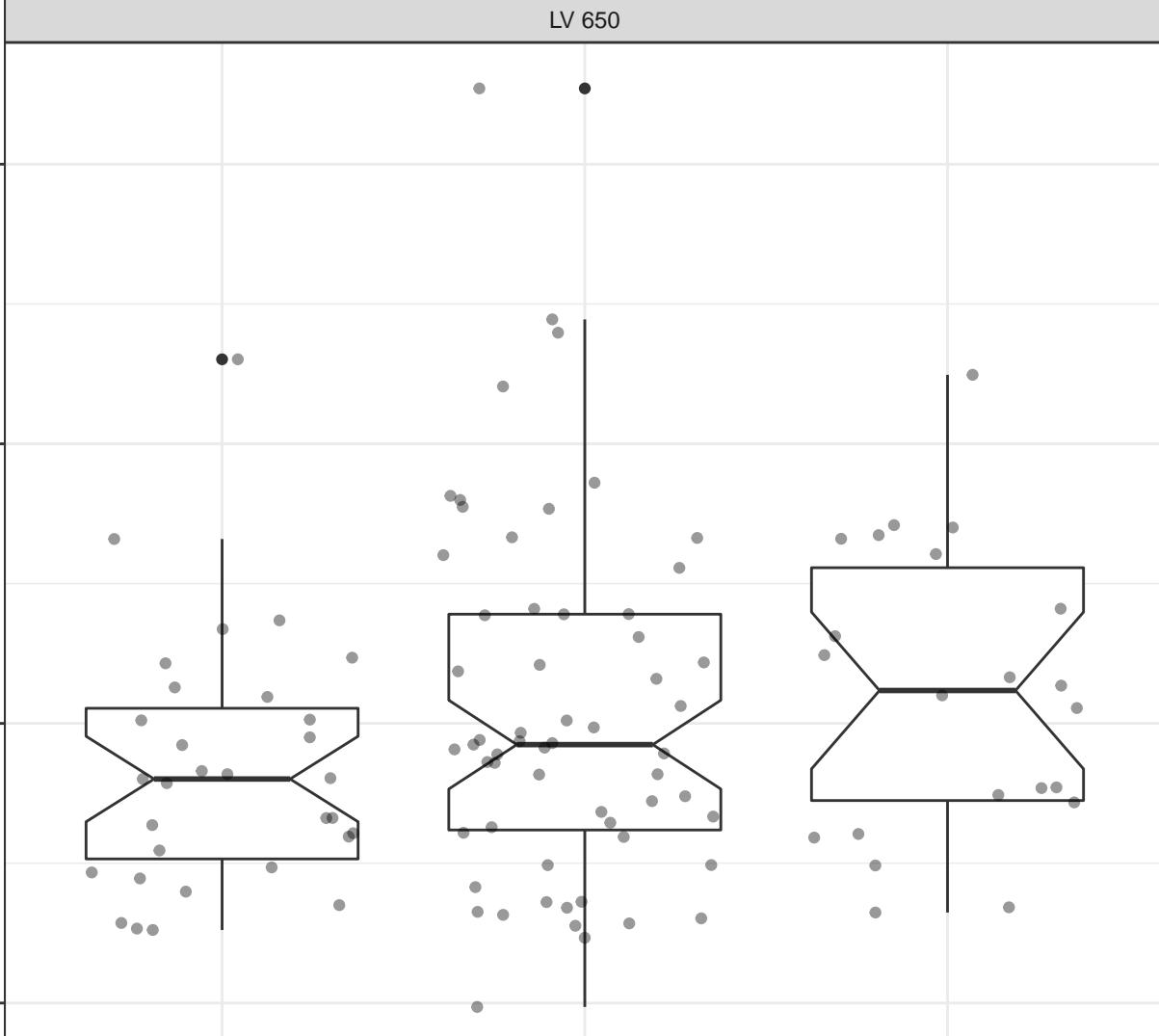
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.05

0.01

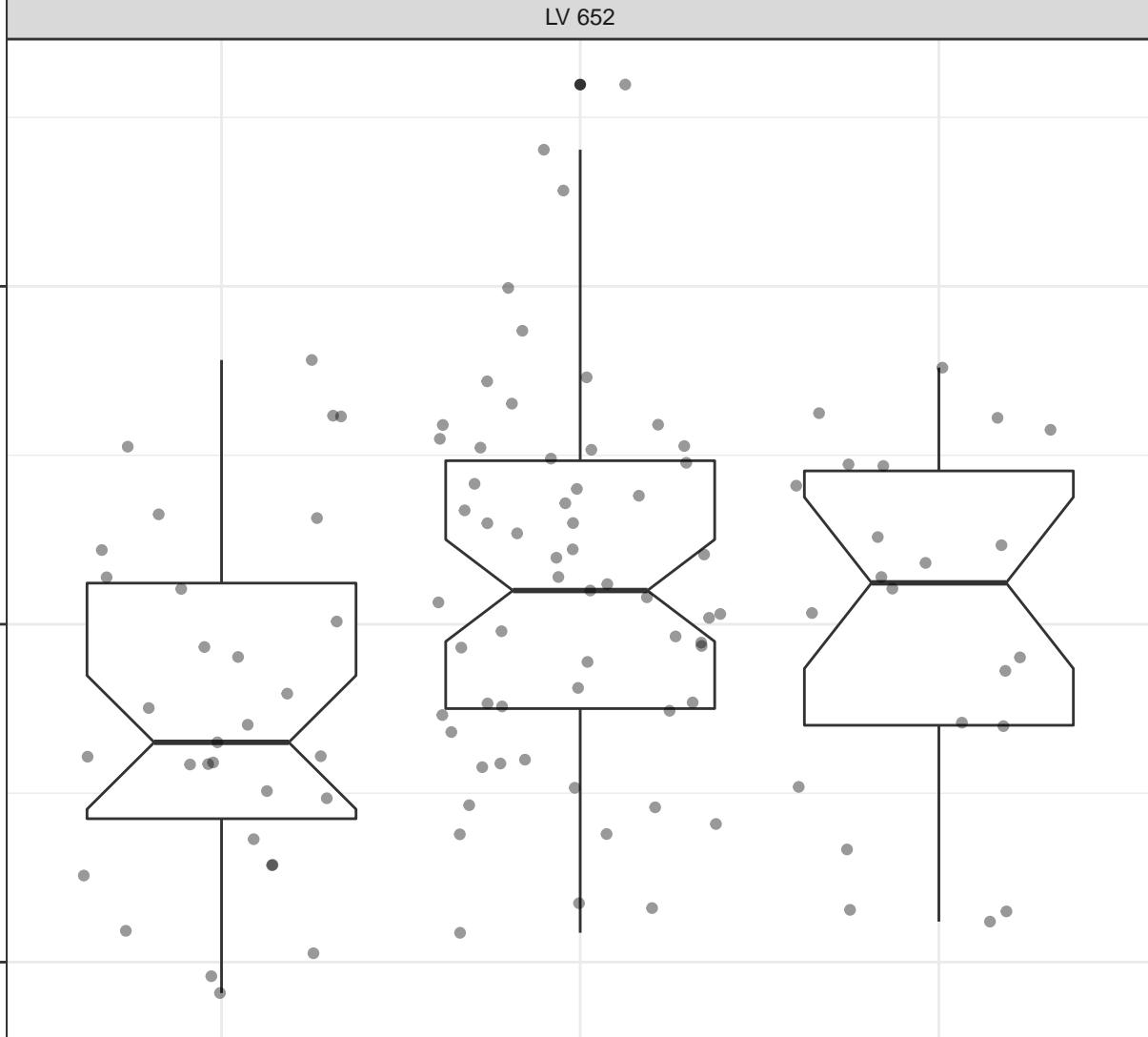
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 653

Value

0.05

0.00

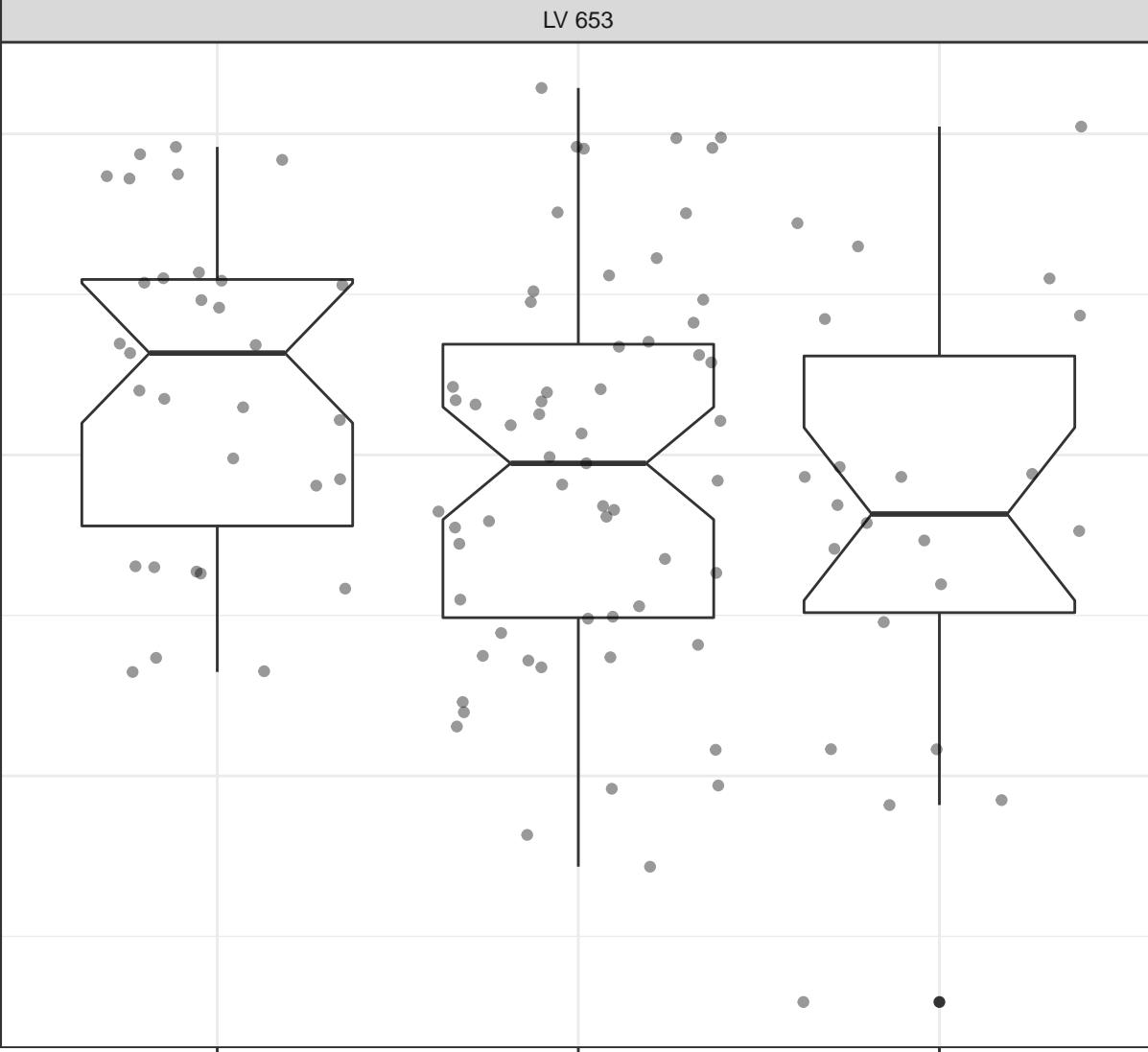
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.01

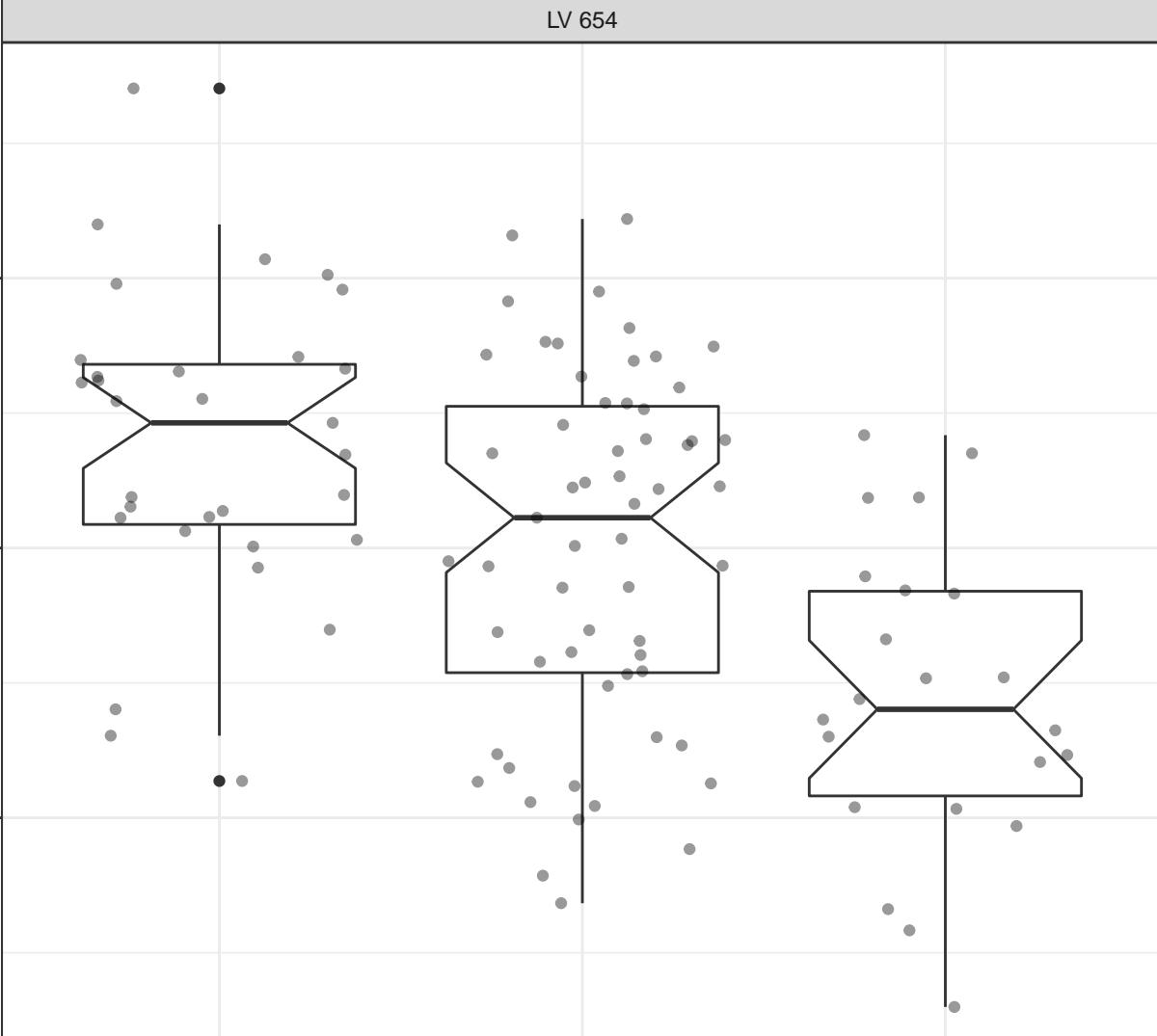
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 655

Value

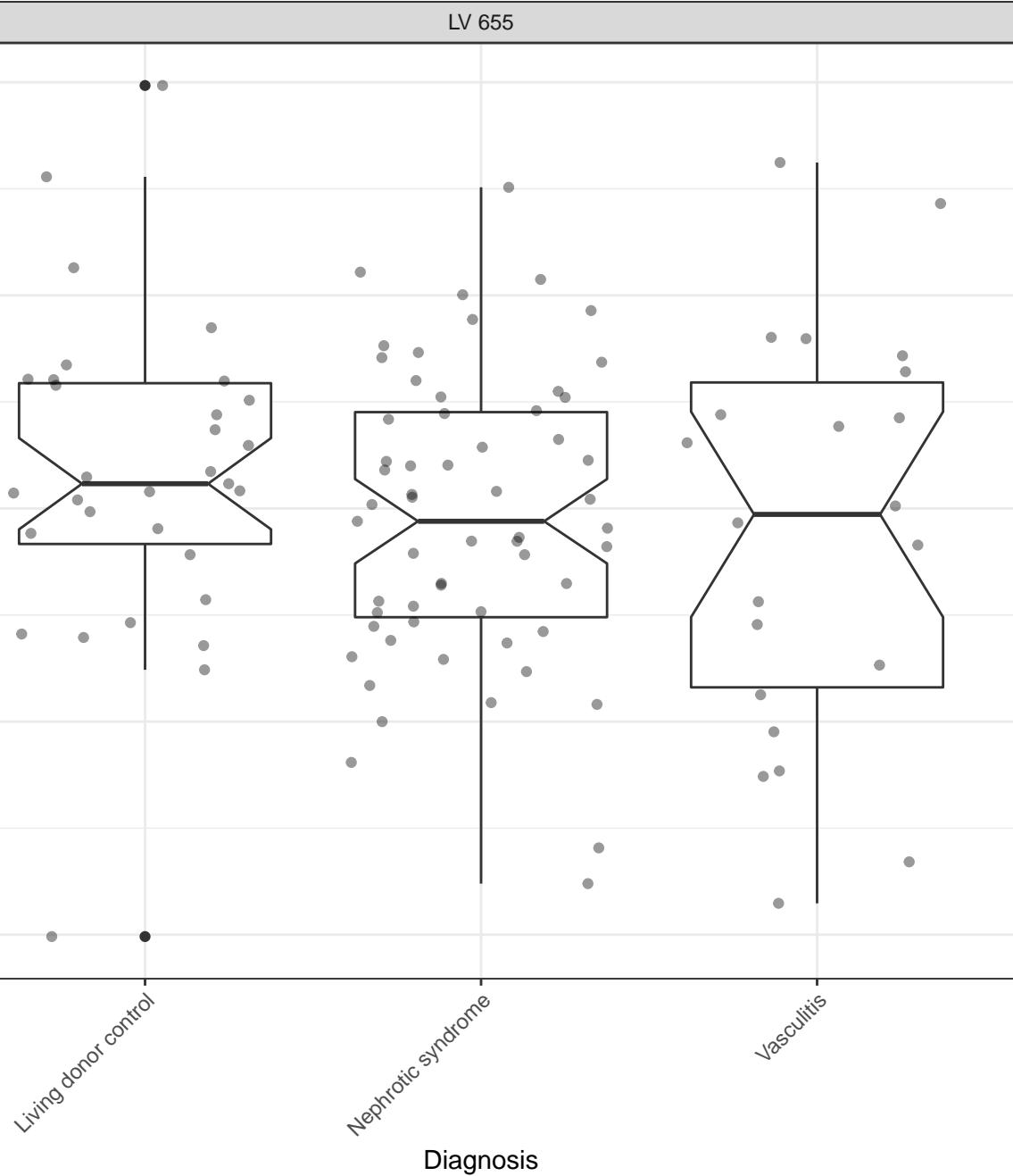
0.06  
0.03  
0.00  
-0.03  
-0.06

Living donor control

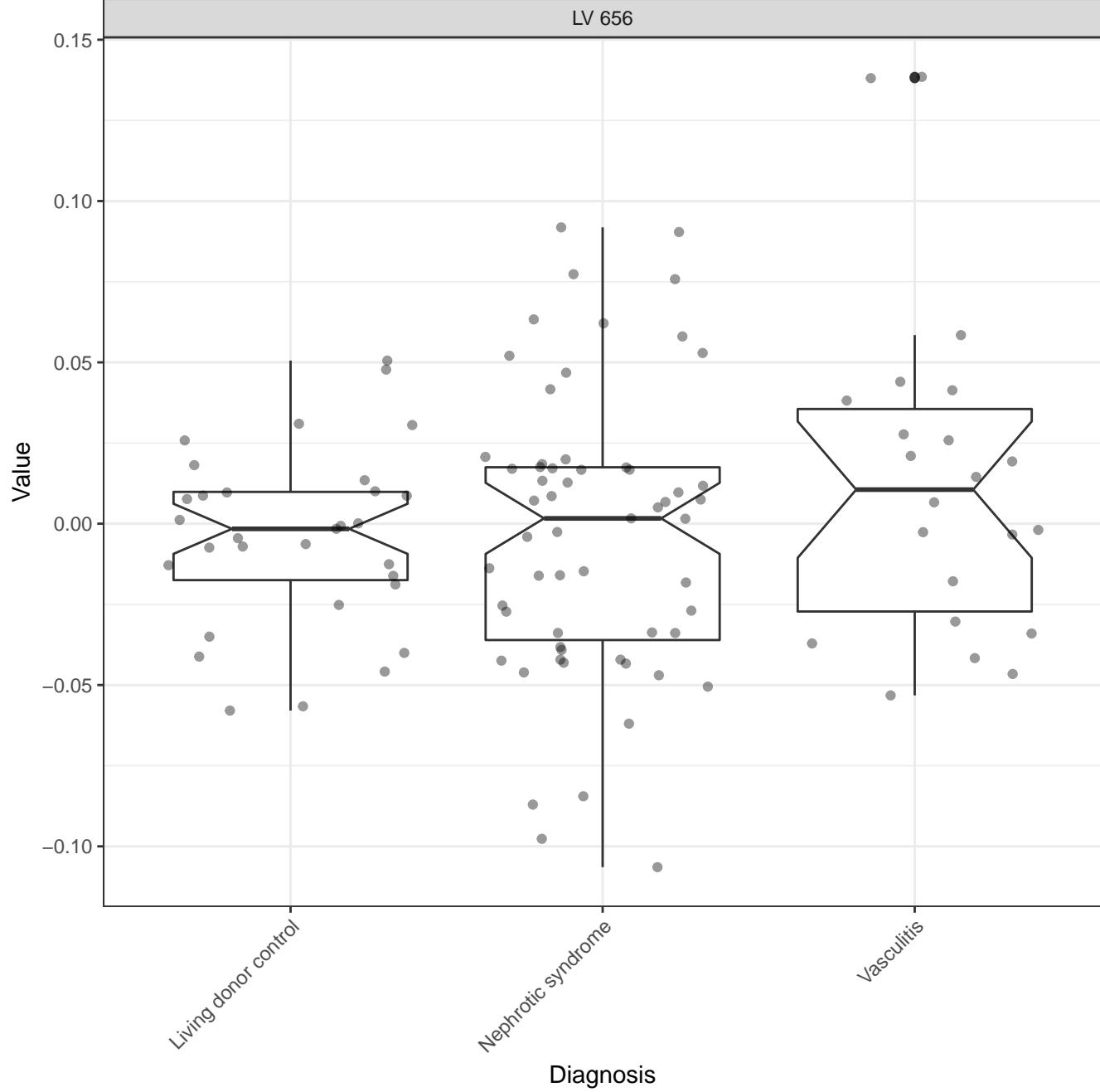
Nephrotic syndrome

Vasculitis

Diagnosis



LV 656



Value

0.04

0.00

-0.04

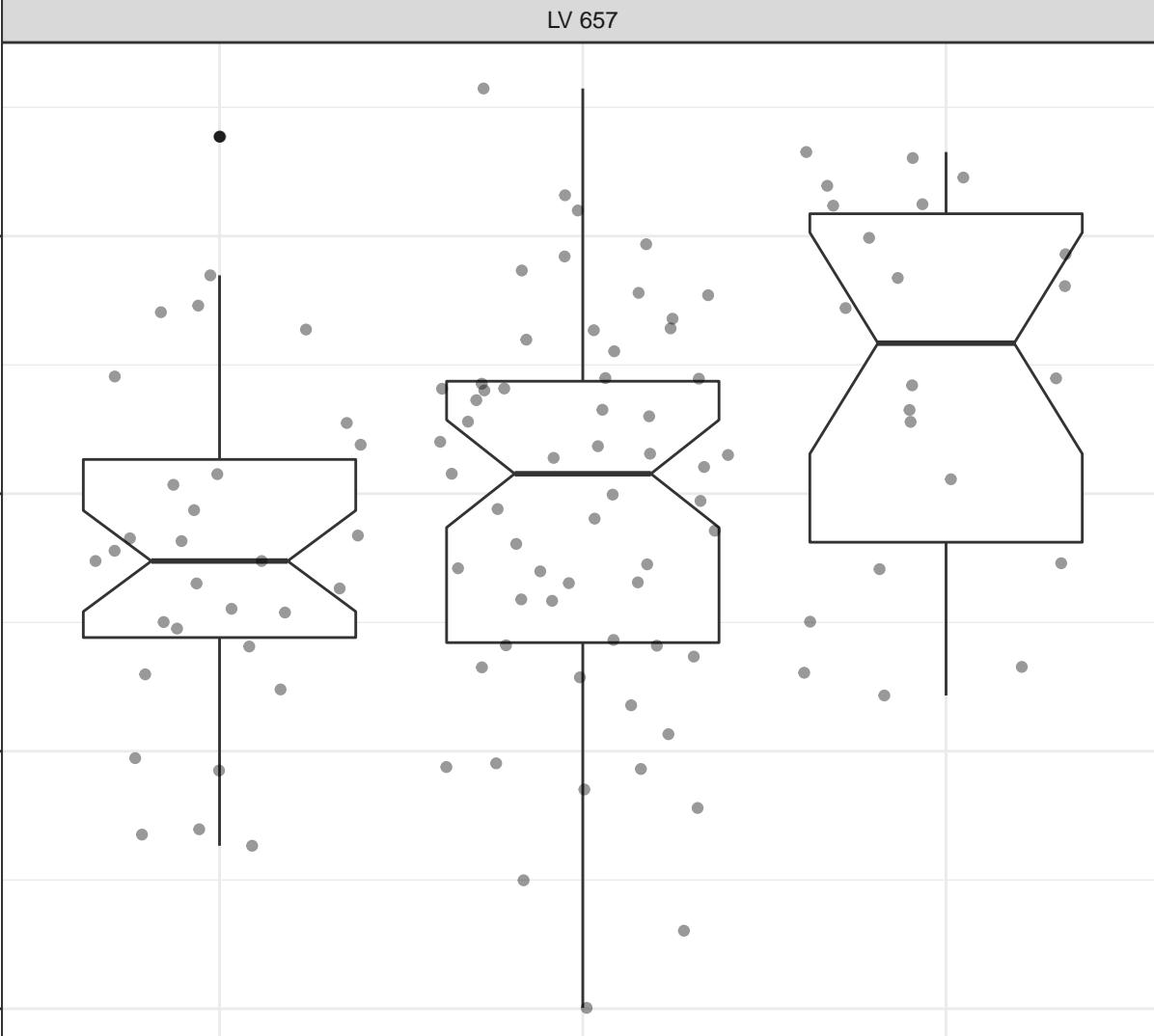
-0.08

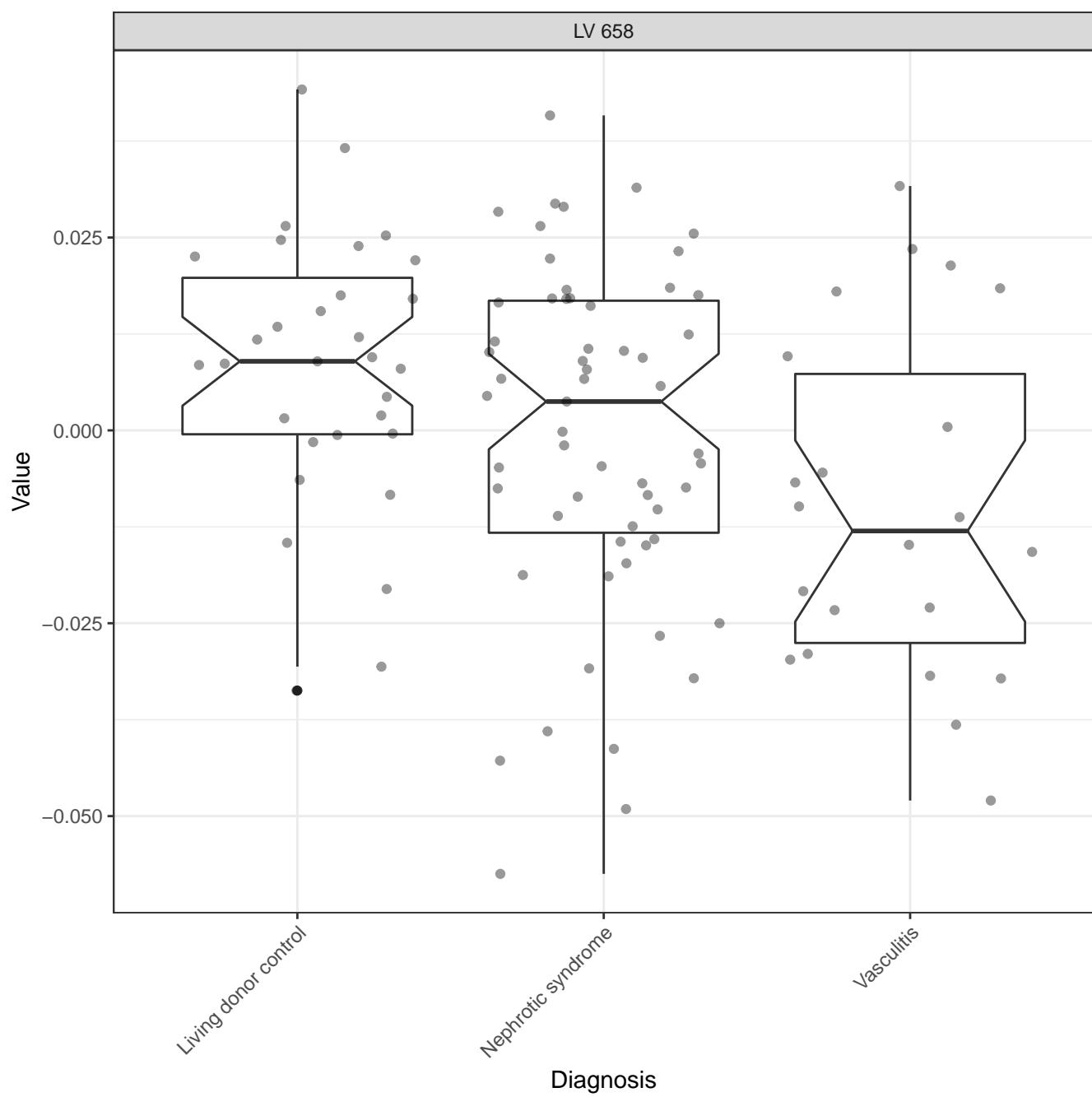
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.03

0.01

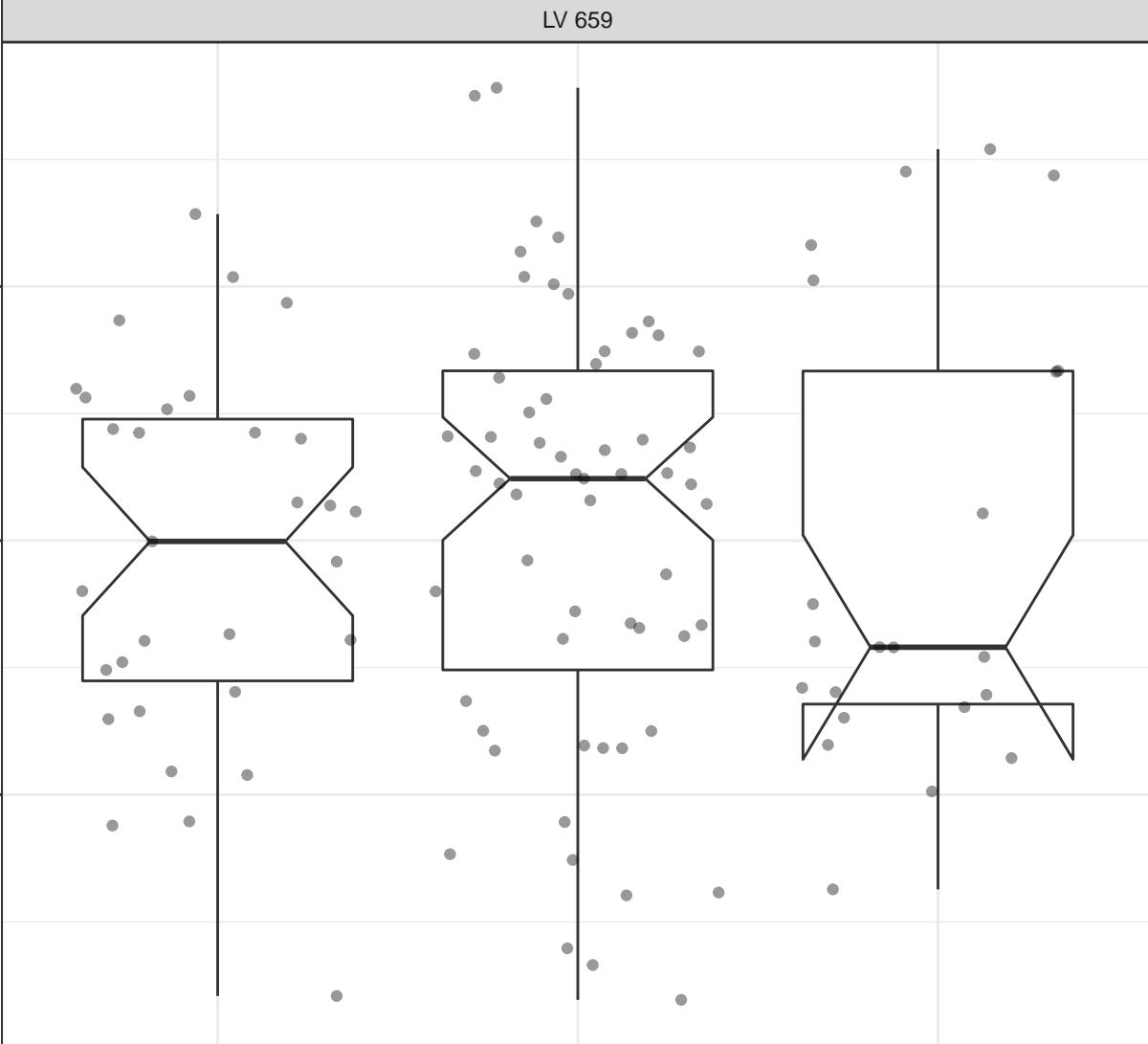
-0.03

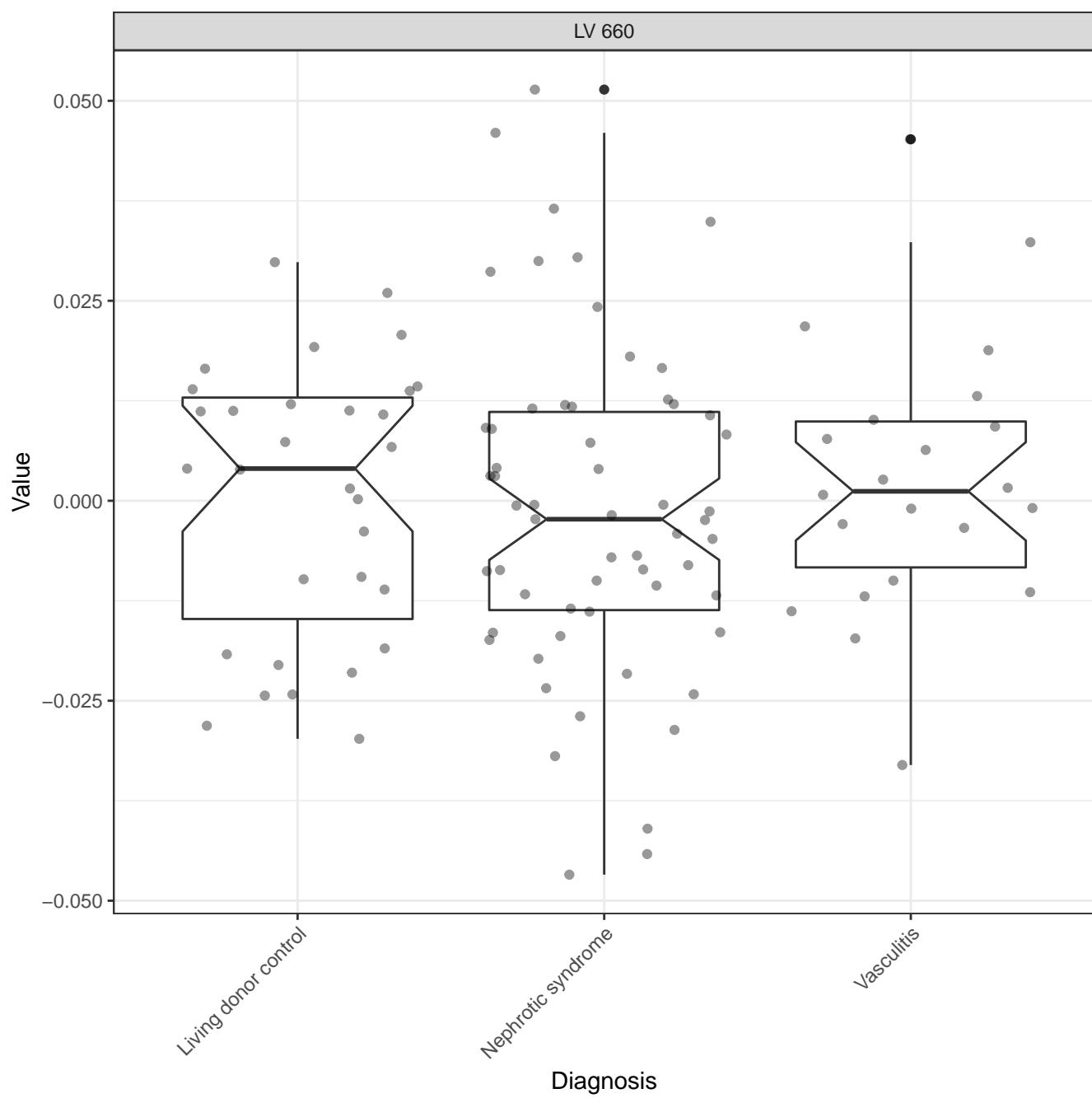
Living donor control

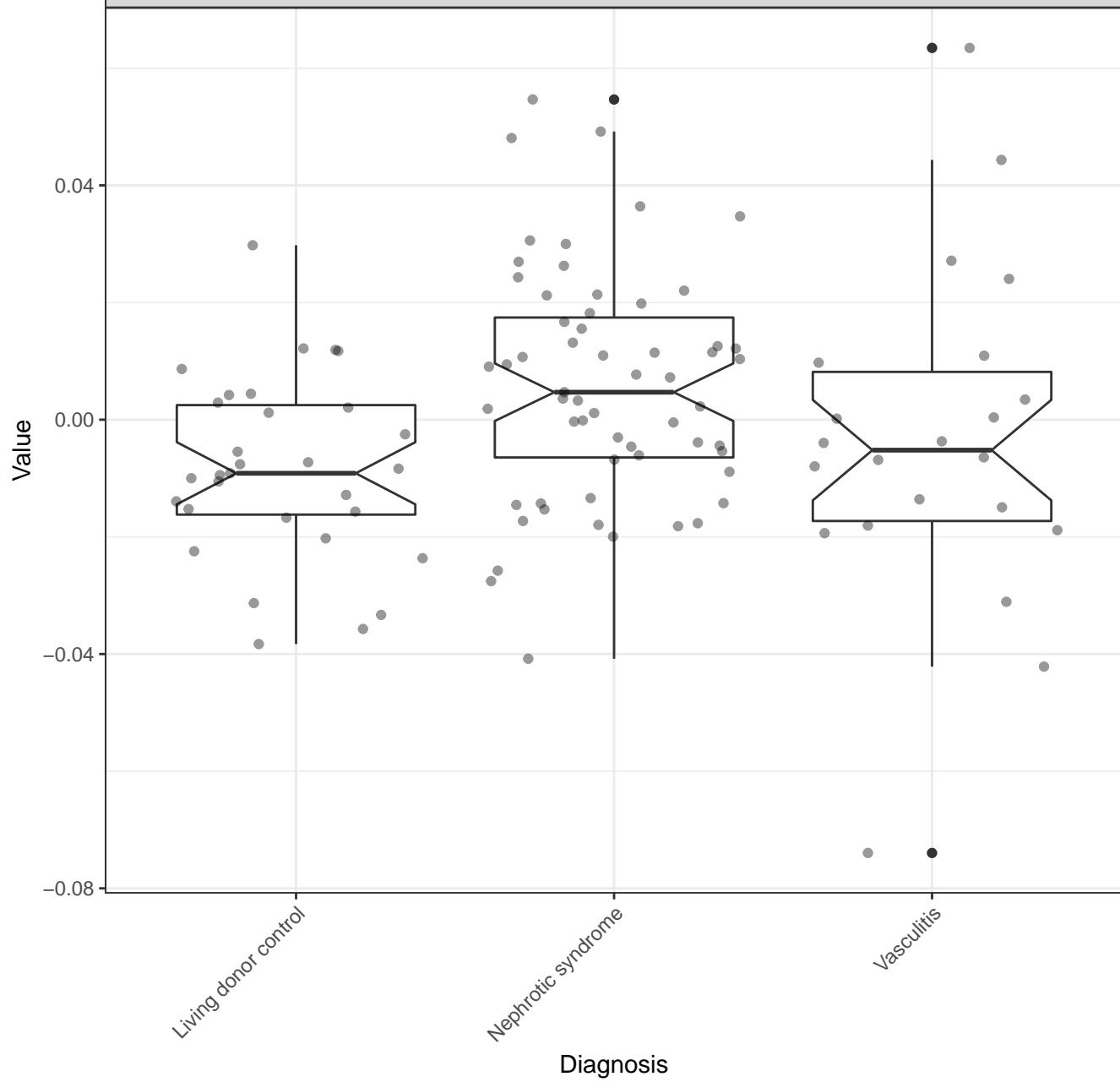
Nephrotic syndrome

Vasculitis

Diagnosis







# 662,REACTOME\_TRANSMISSION\_ACROSS CHEMICAL\_SYNAPSES

Value

0.05

0.01

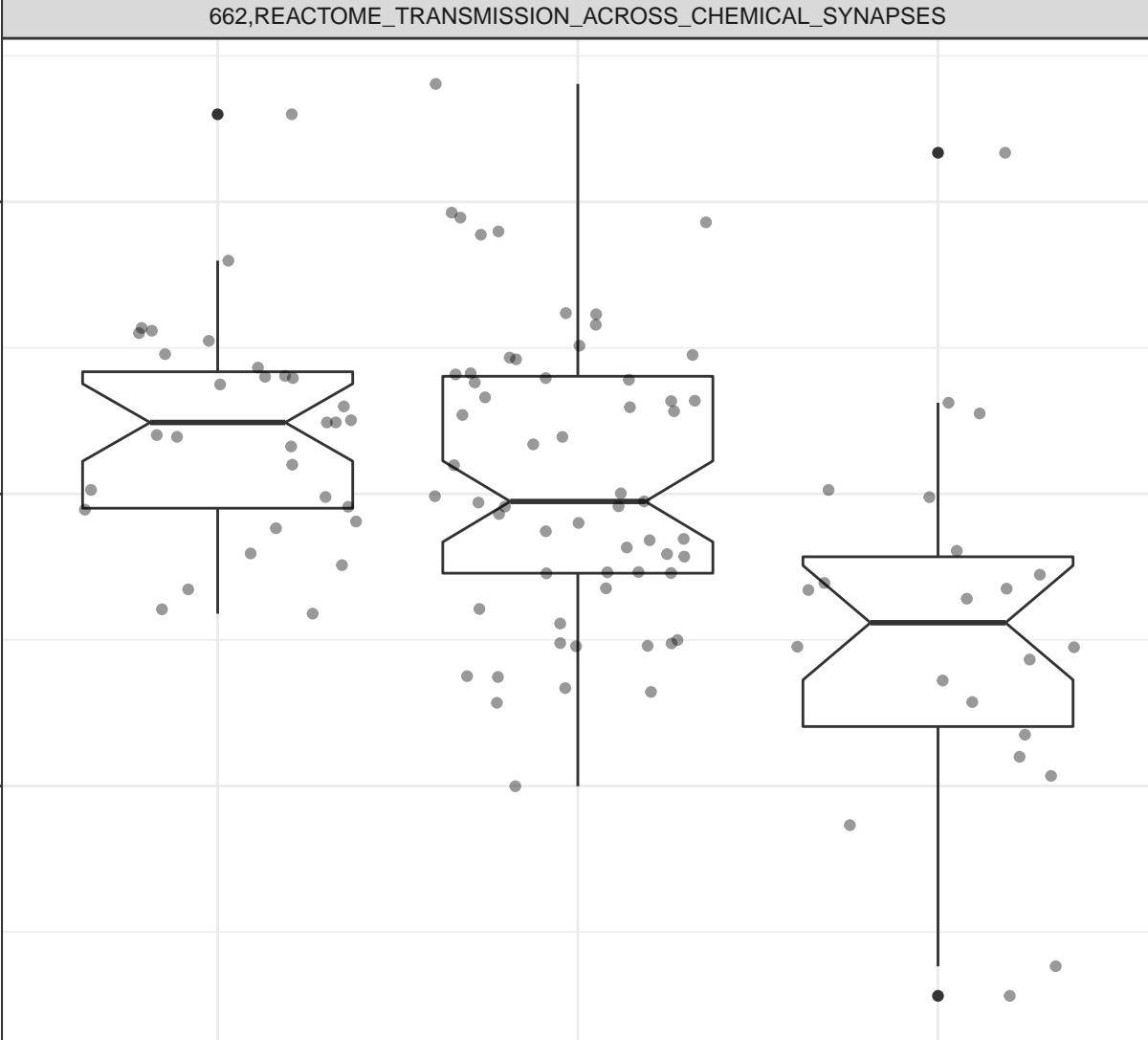
-0.05

Living donor control

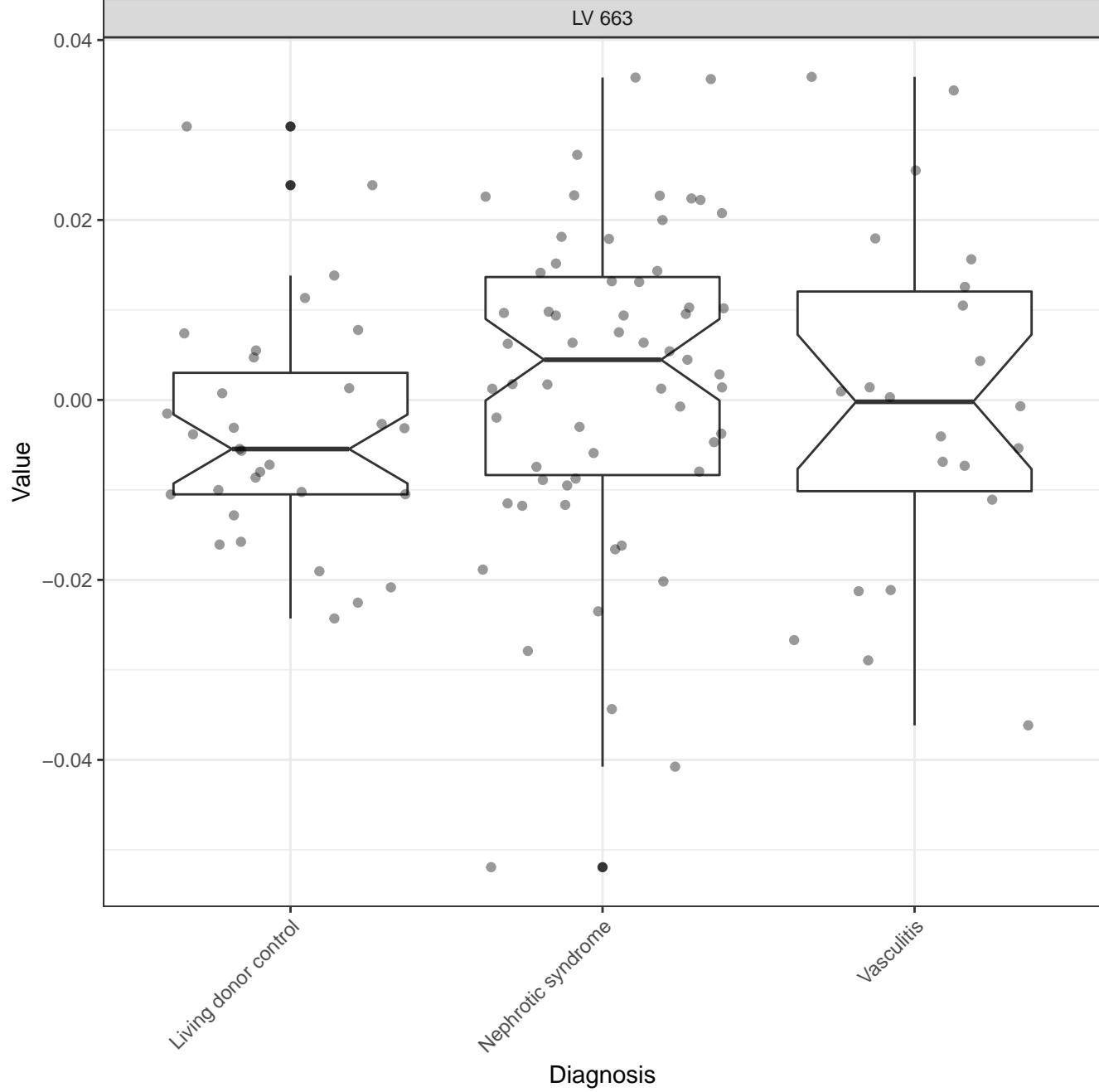
Nephrotic syndrome

Vasculitis

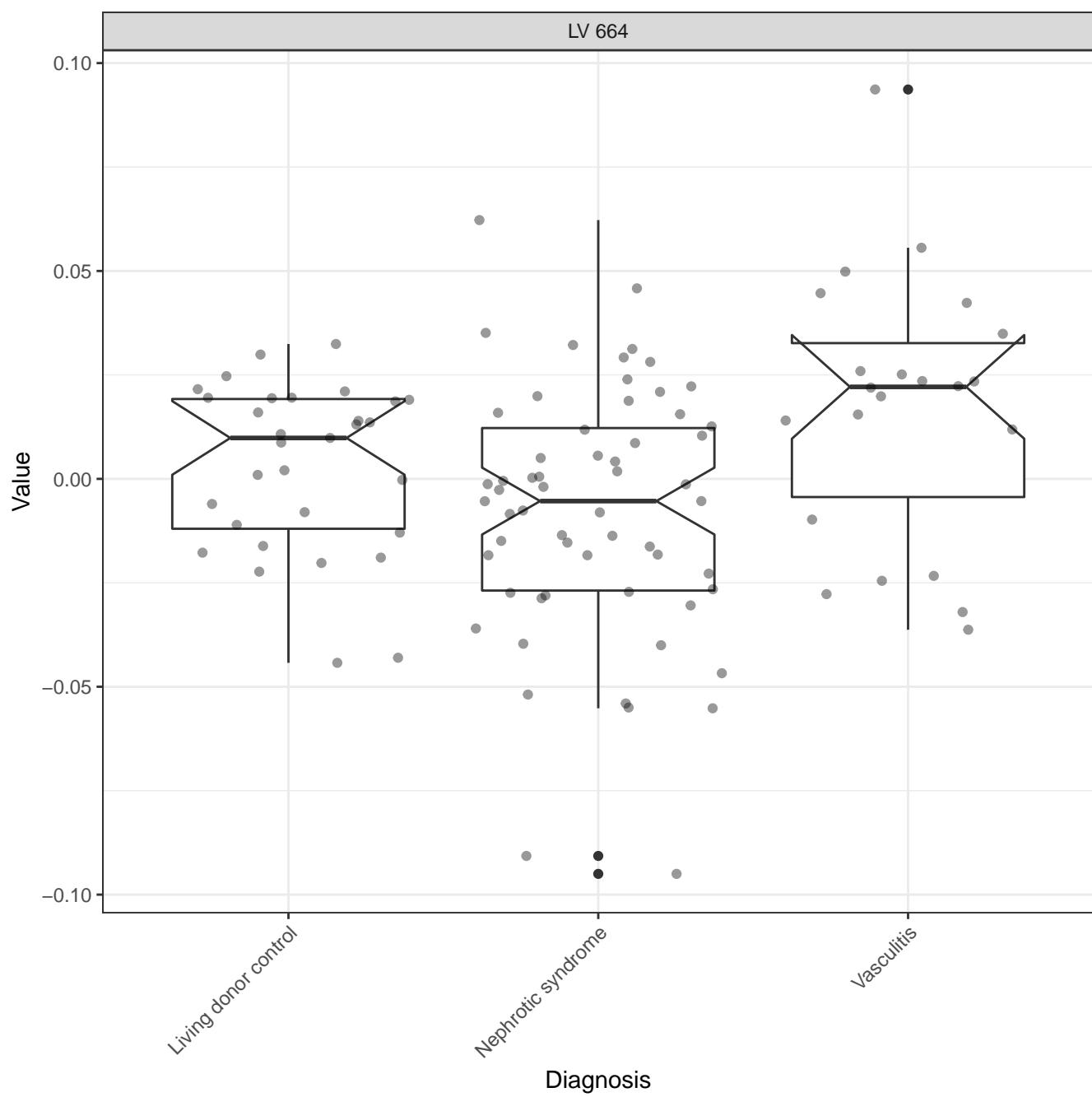
Diagnosis



LV 663



LV 664



Value

0.10

0.05

0.00

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 666

Value

0.05

0.00

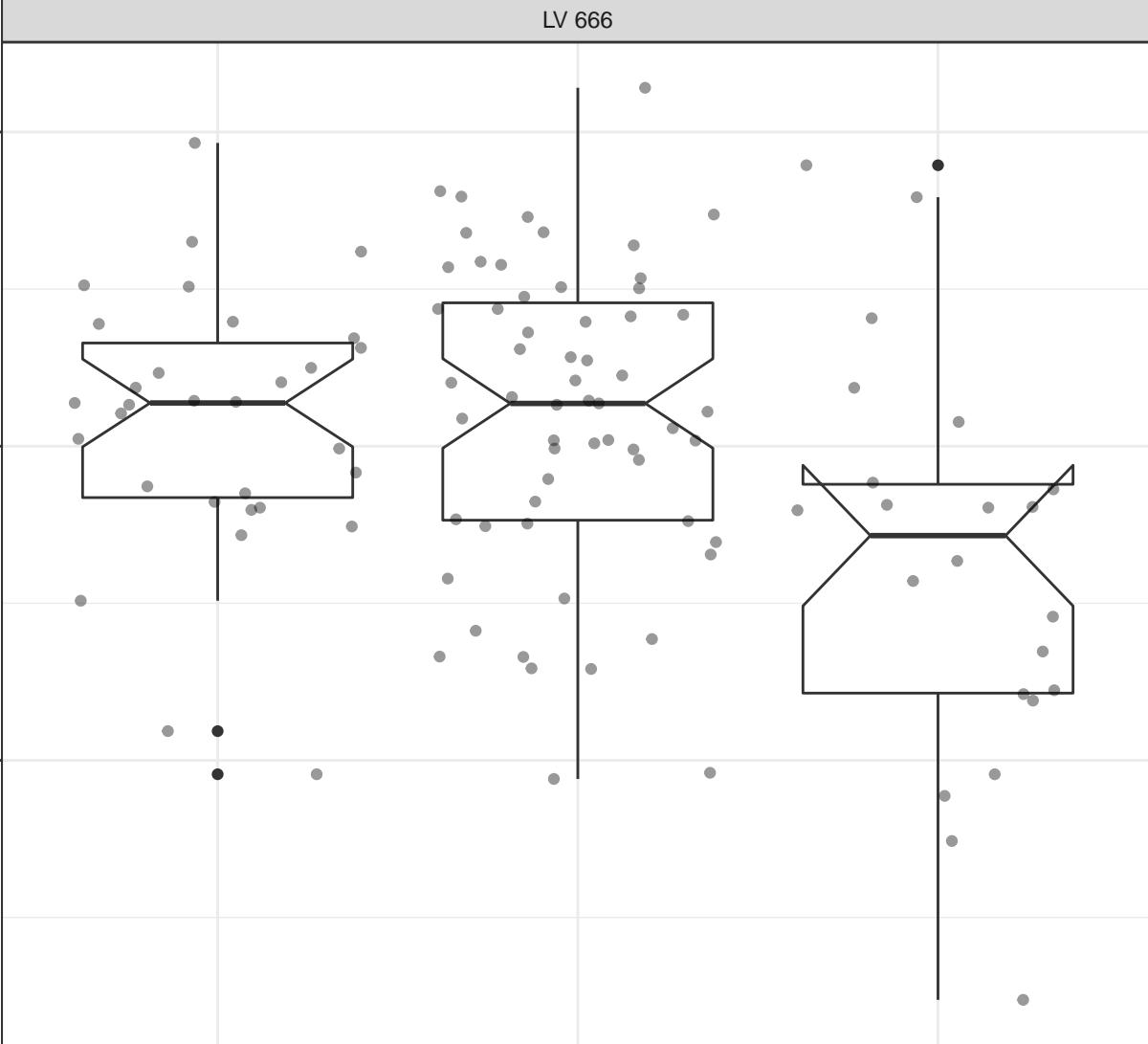
-0.05

Living donor control

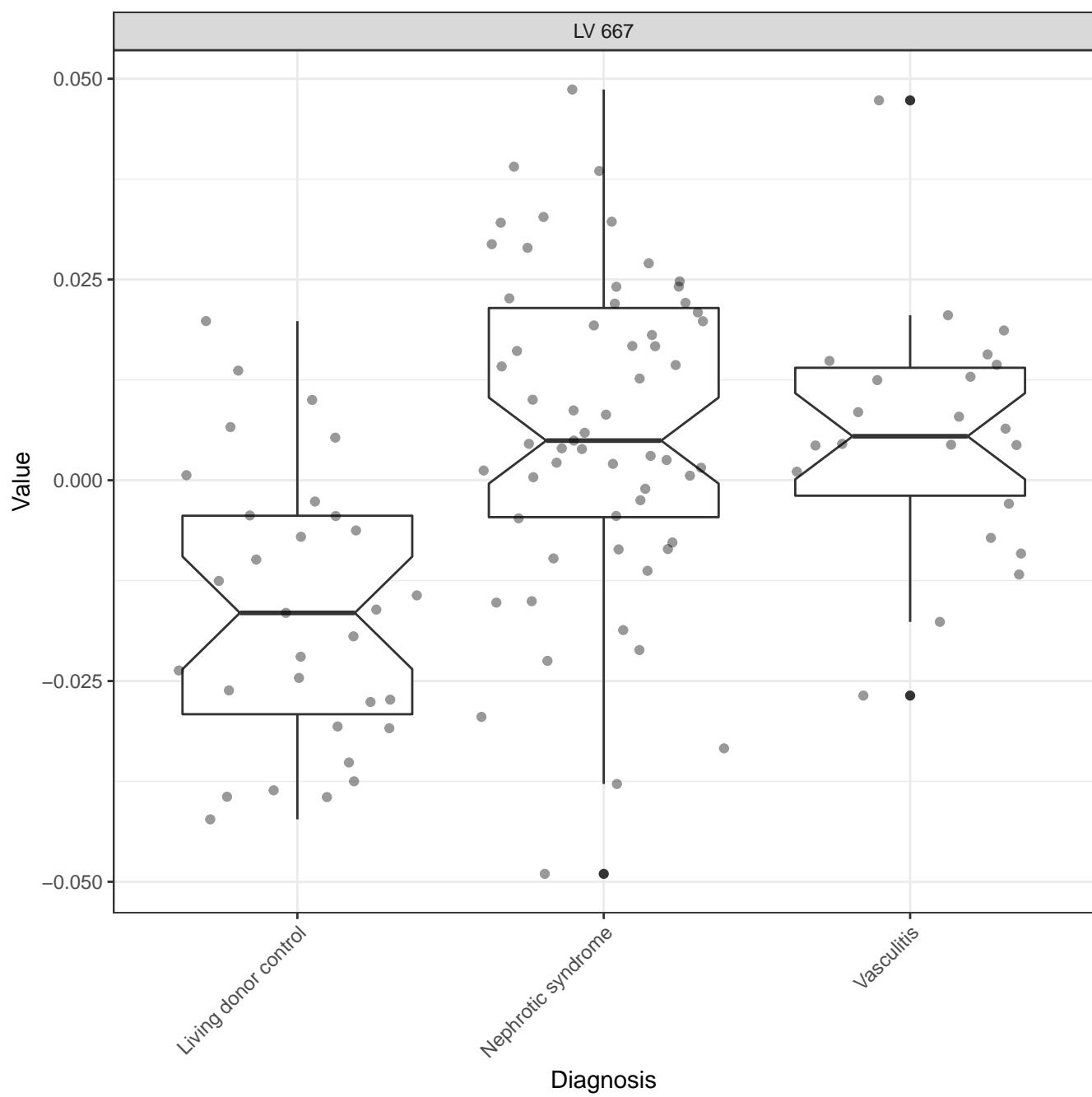
Nephrotic syndrome

Vasculitis

Diagnosis



LV 667



Value

0.05

0.01

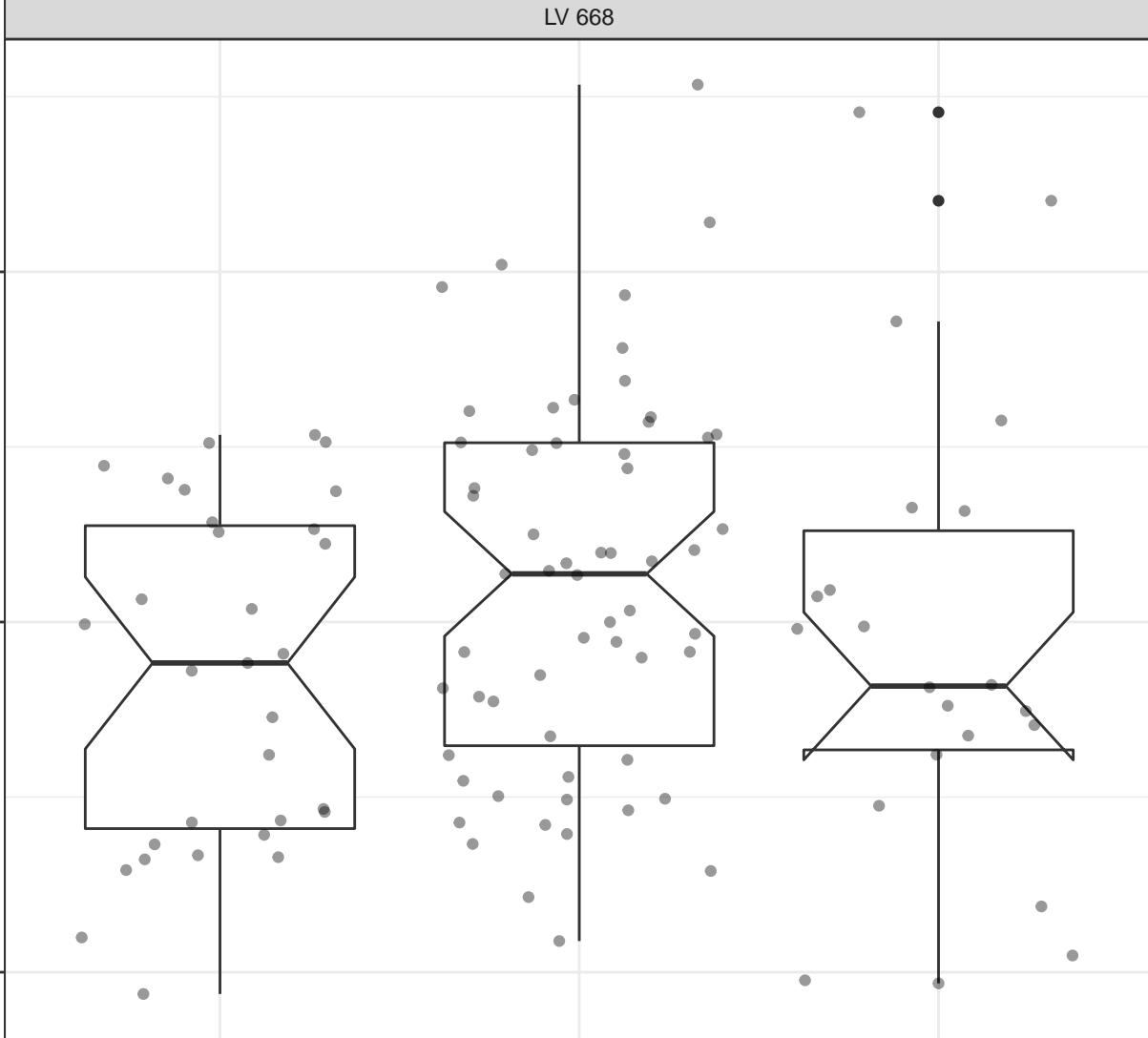
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 669

Value

0.05

0.00

-0.05

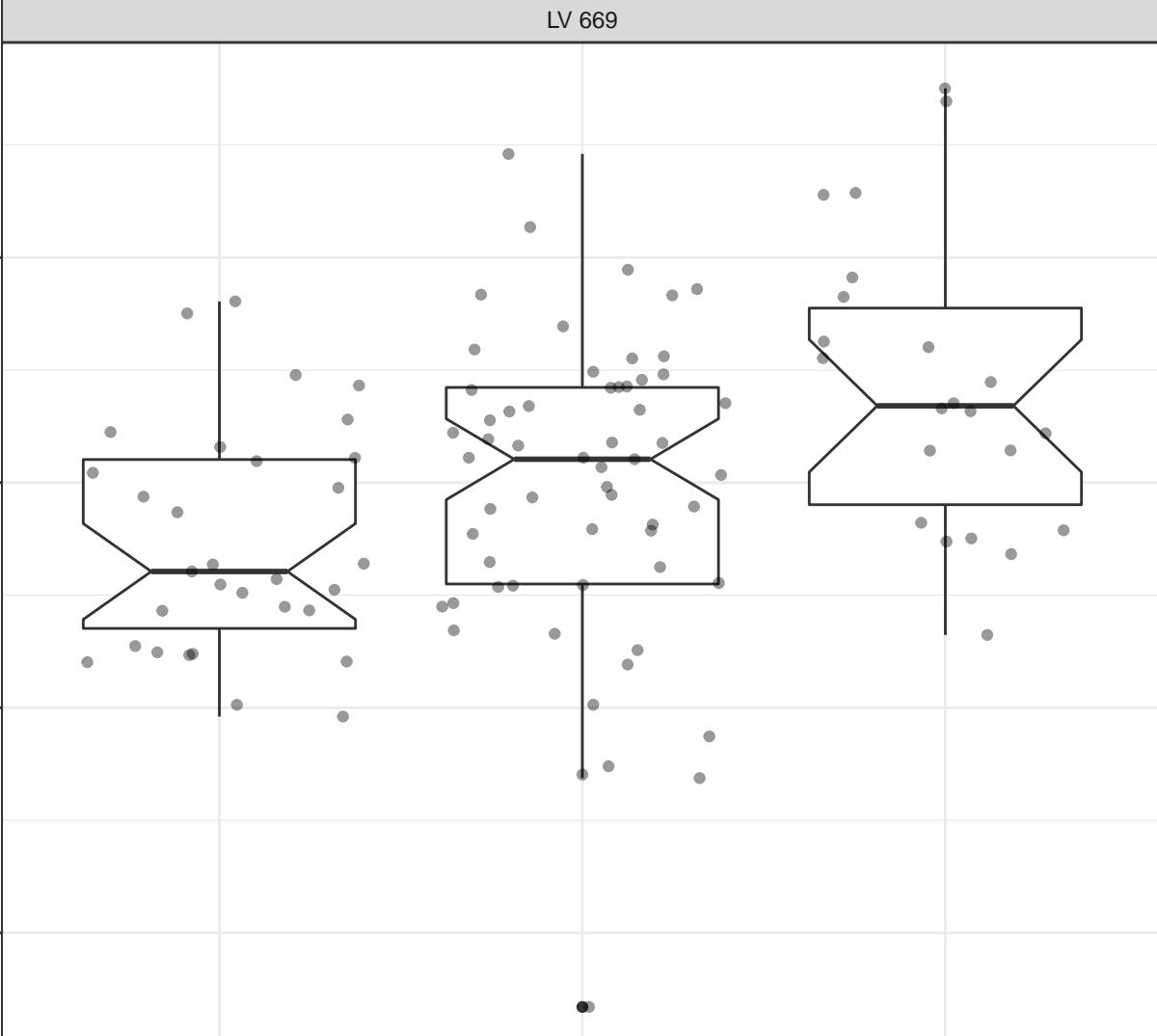
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



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

Value

0.1

0.0

-0.1

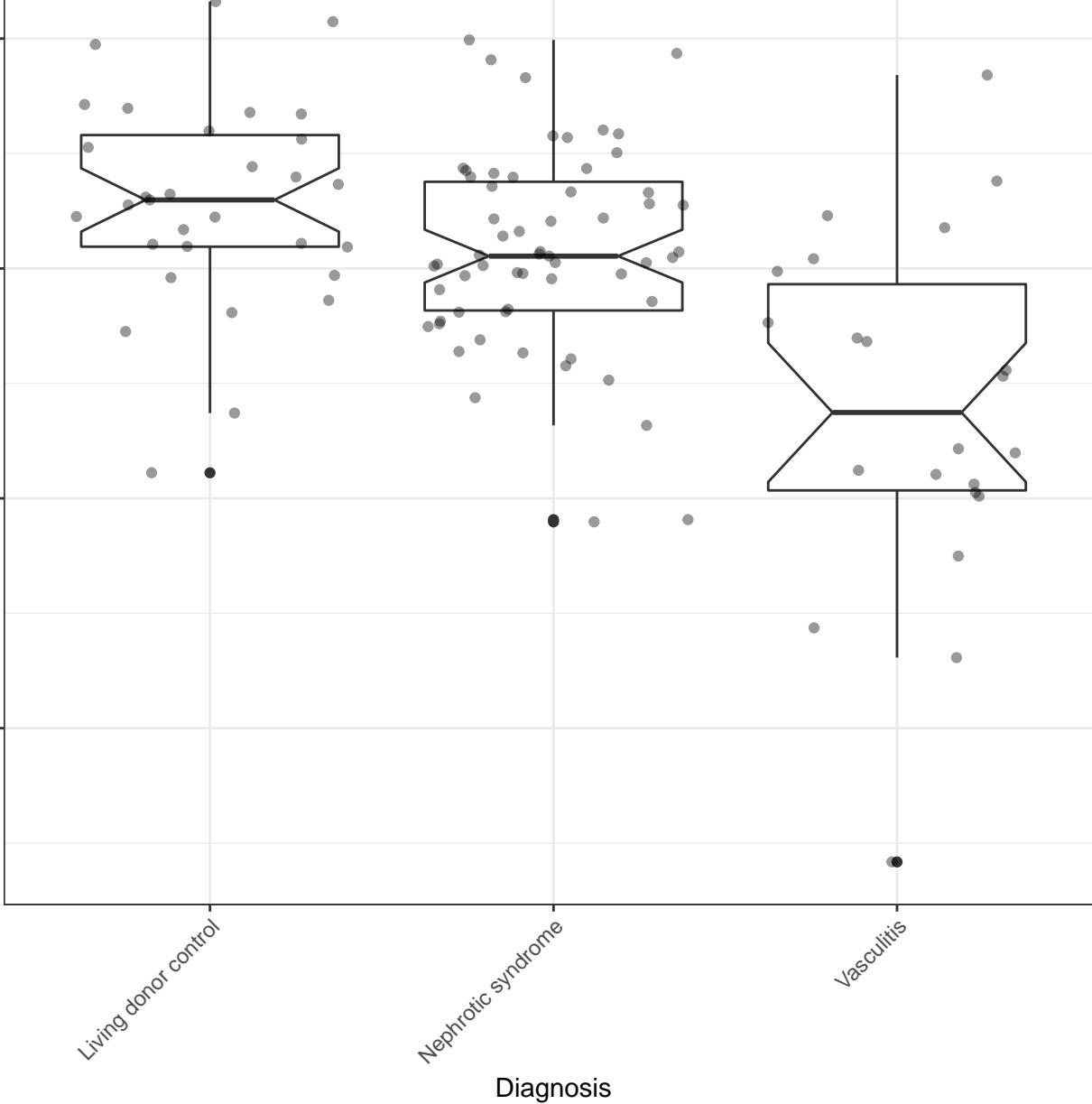
-0.2

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 671,REACTOME\_COLLAGEN\_FORMATION

Value

0.2

0.1

0.0

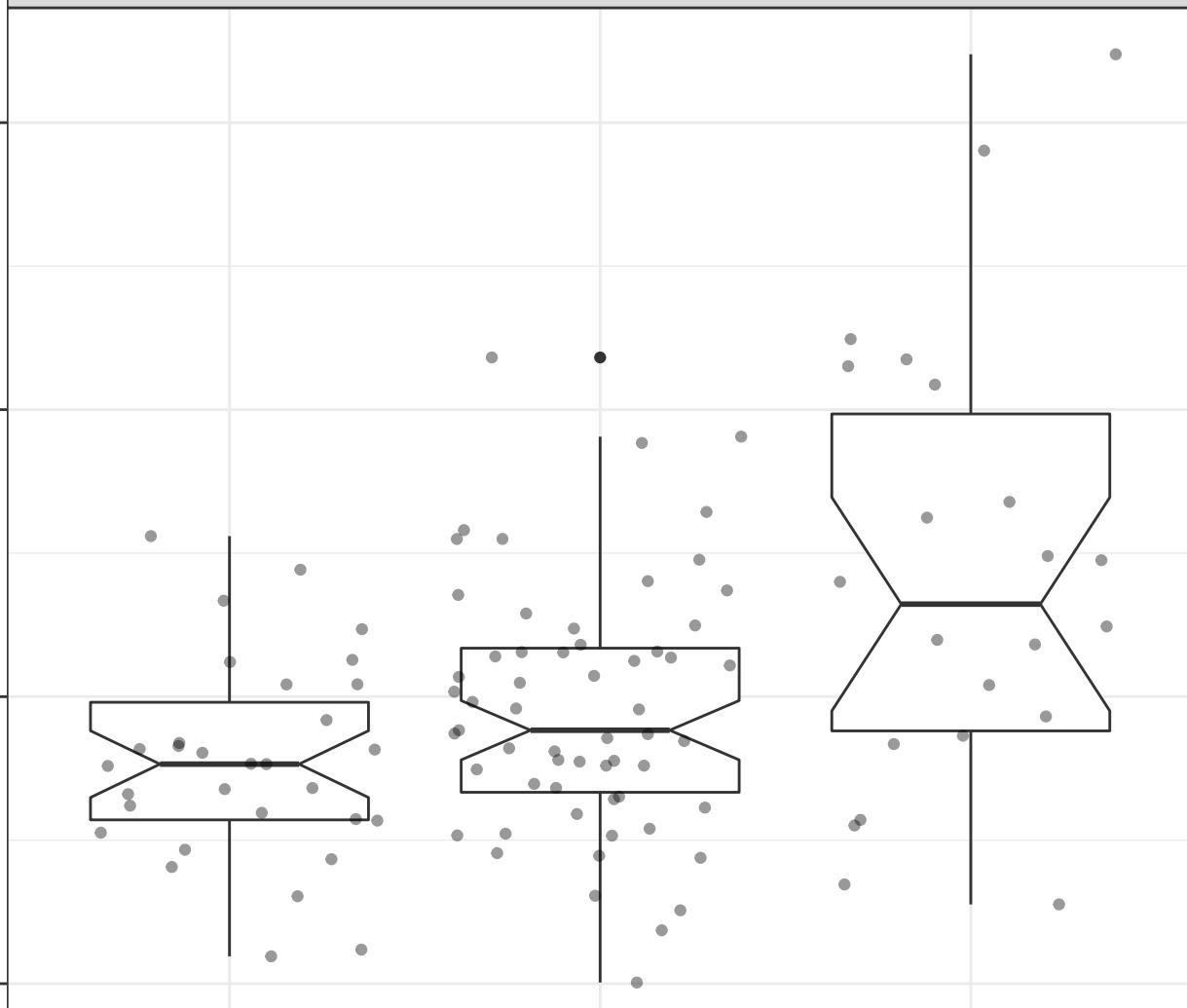
-0.1

Living donor control

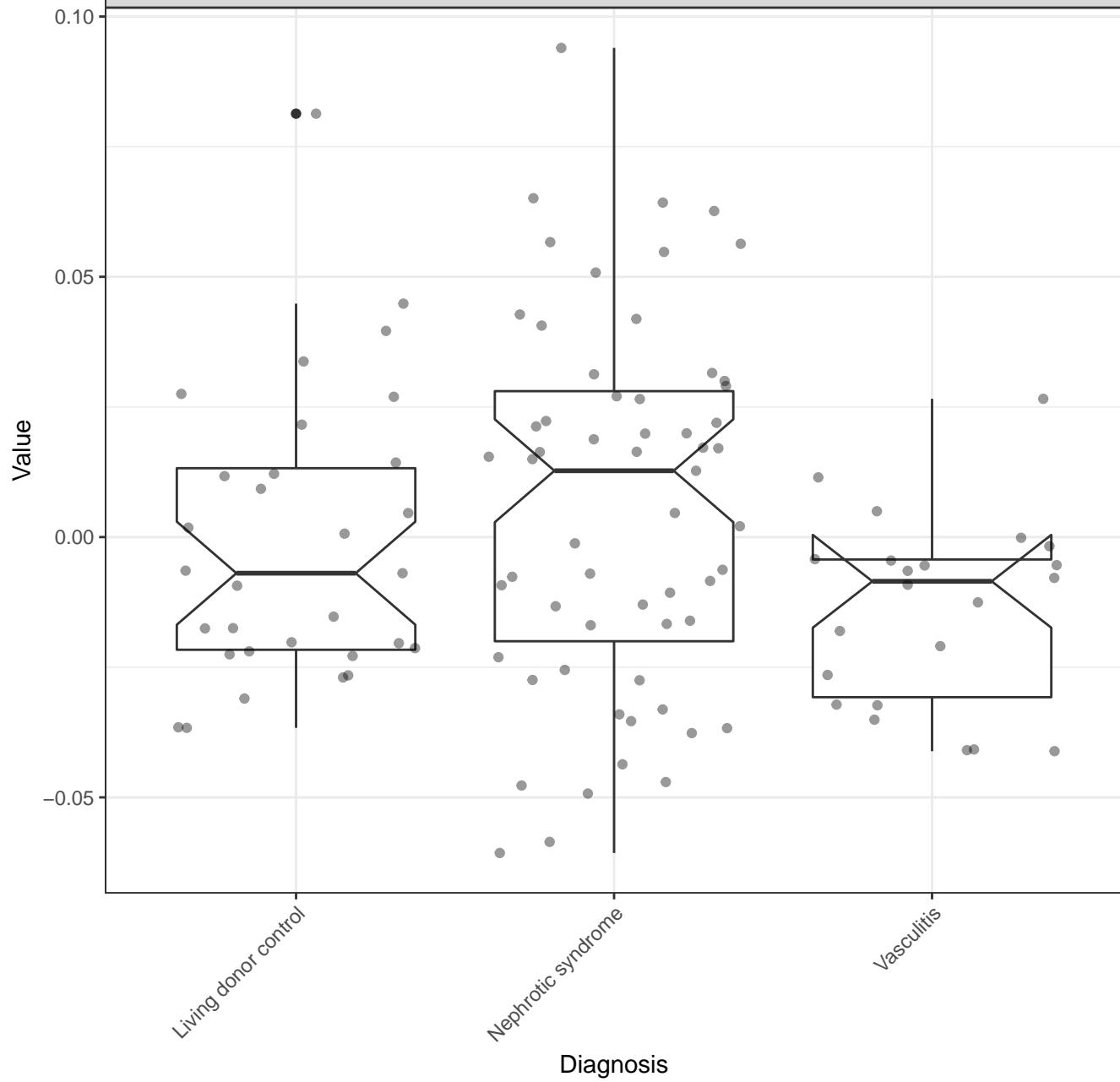
Nephrotic syndrome

Vasculitis

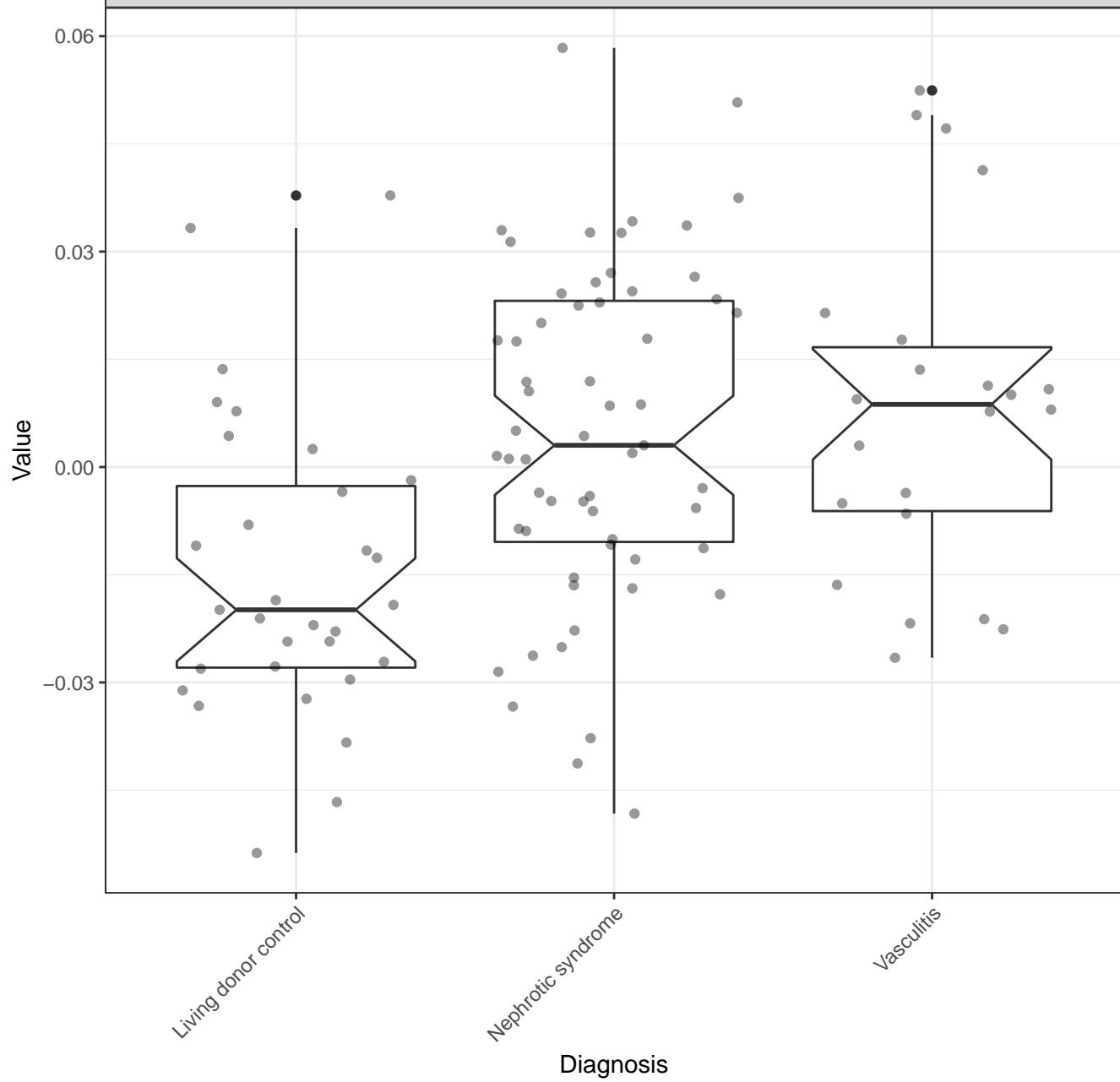
Diagnosis



LV 672



LV 673



Value

0.10

0.05

0.00

-0.05

-0.10

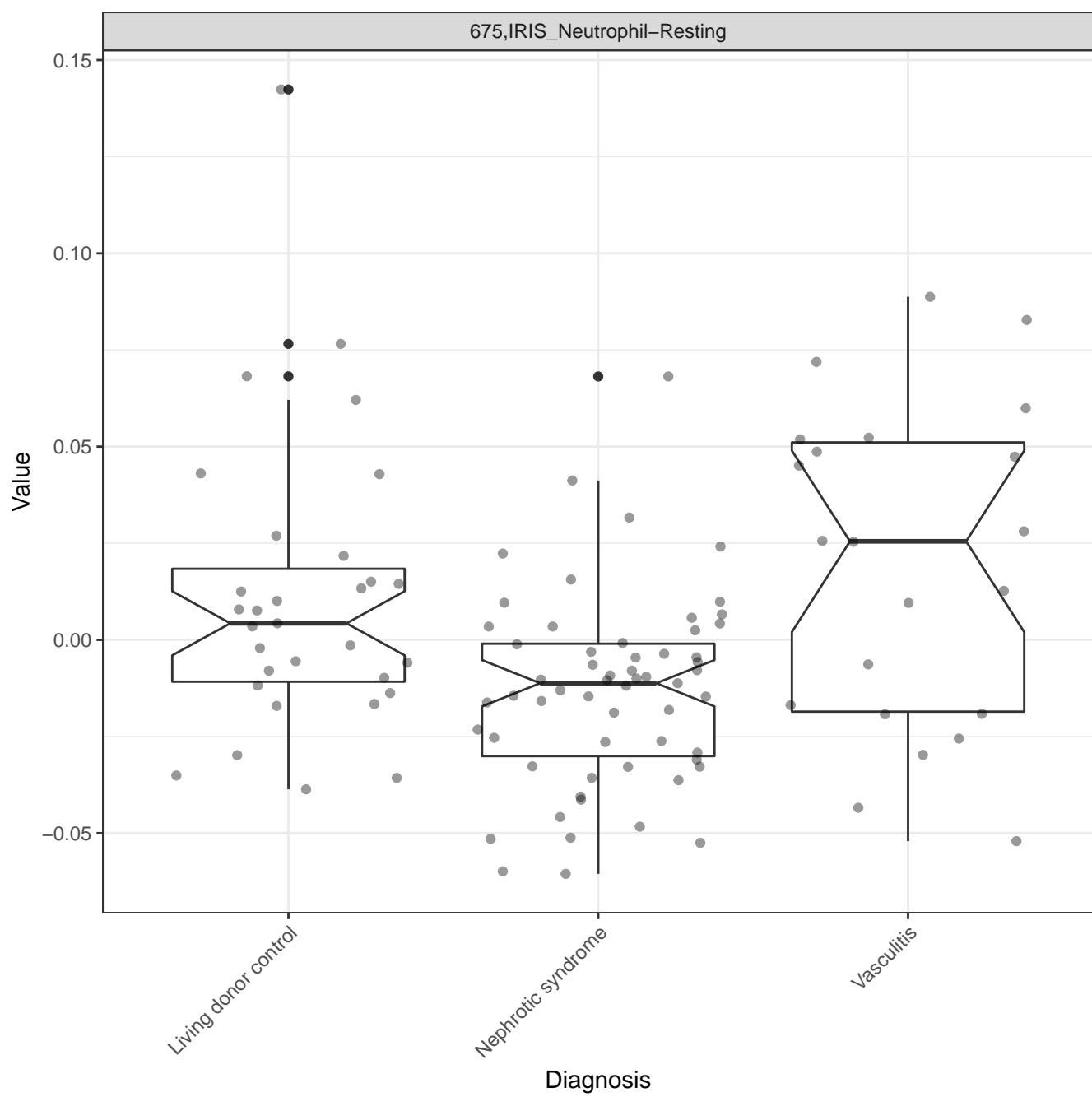
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

## 675,IRIS\_Neutrophil–Resting



LV 676

Value

0.05

0.01

-0.05

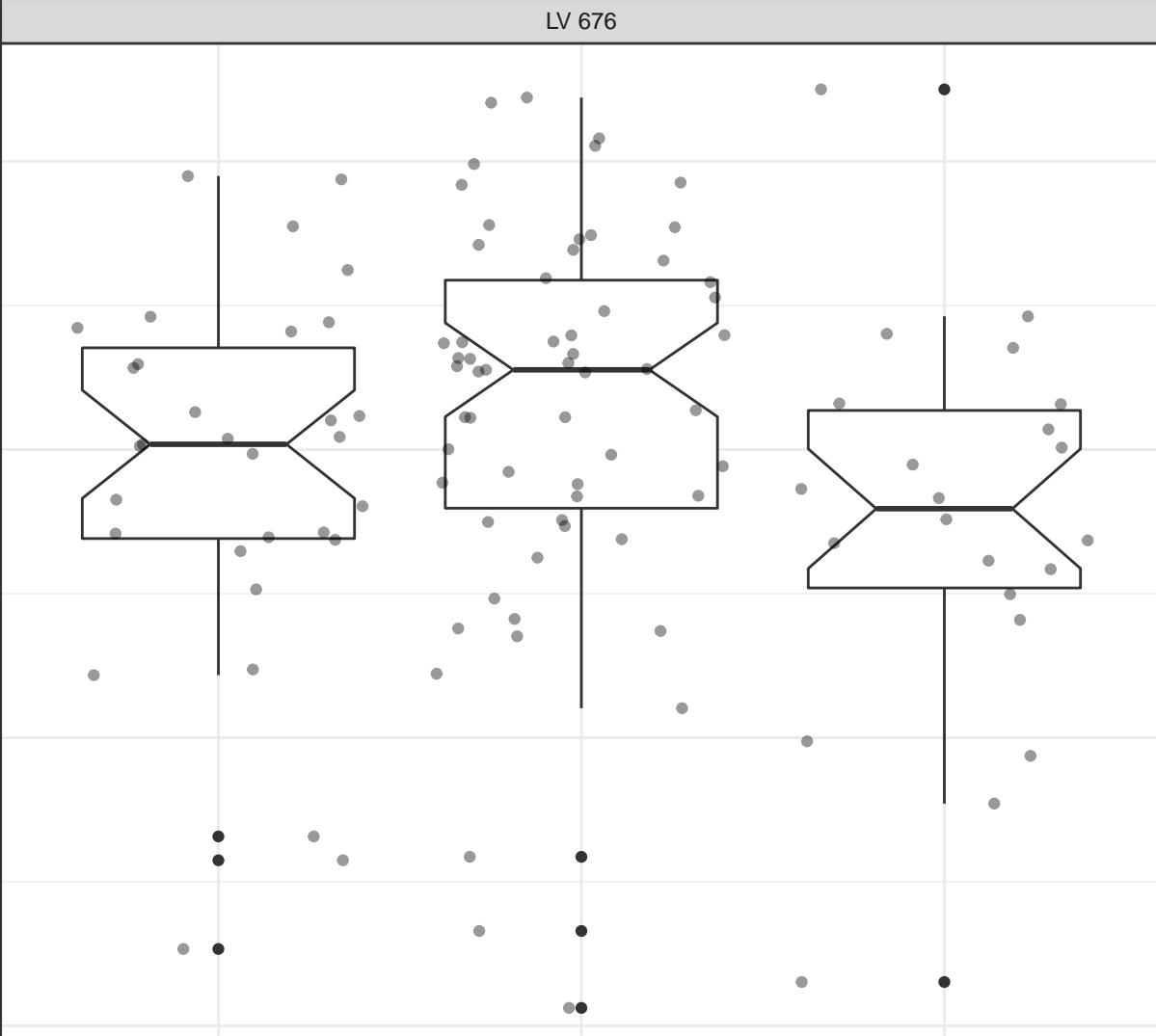
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

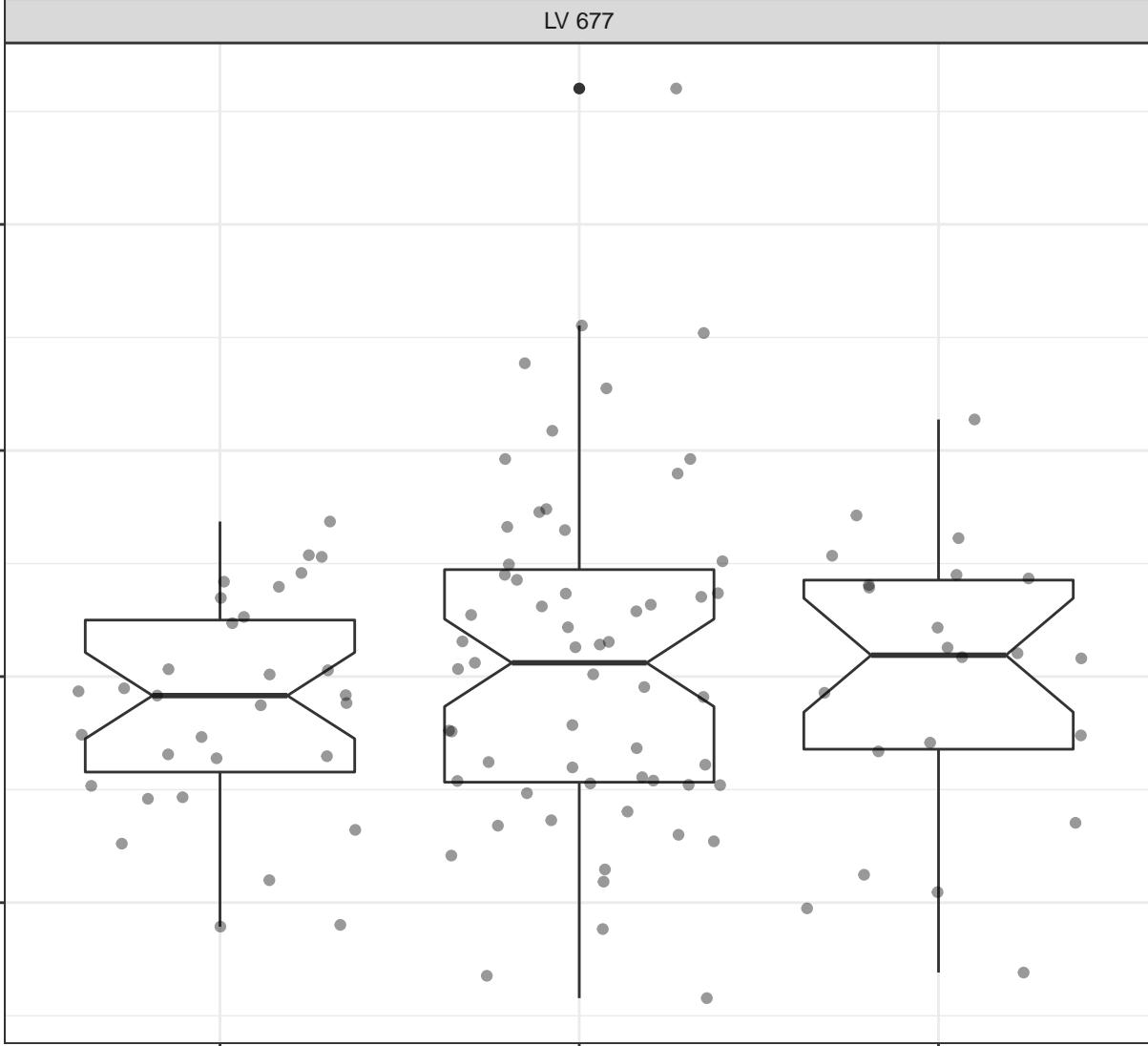
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



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

Value

0.2

0.1

0.0

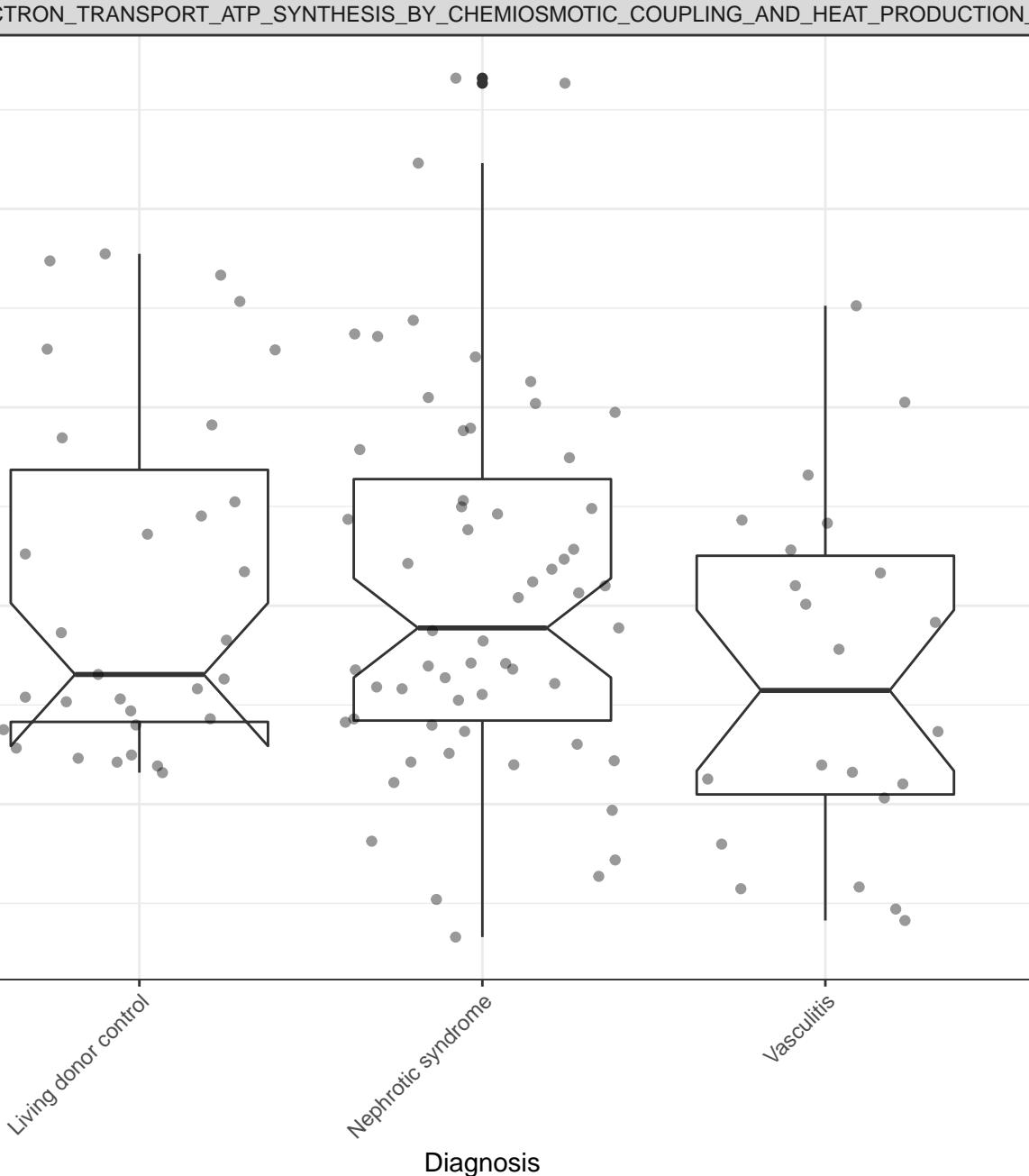
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

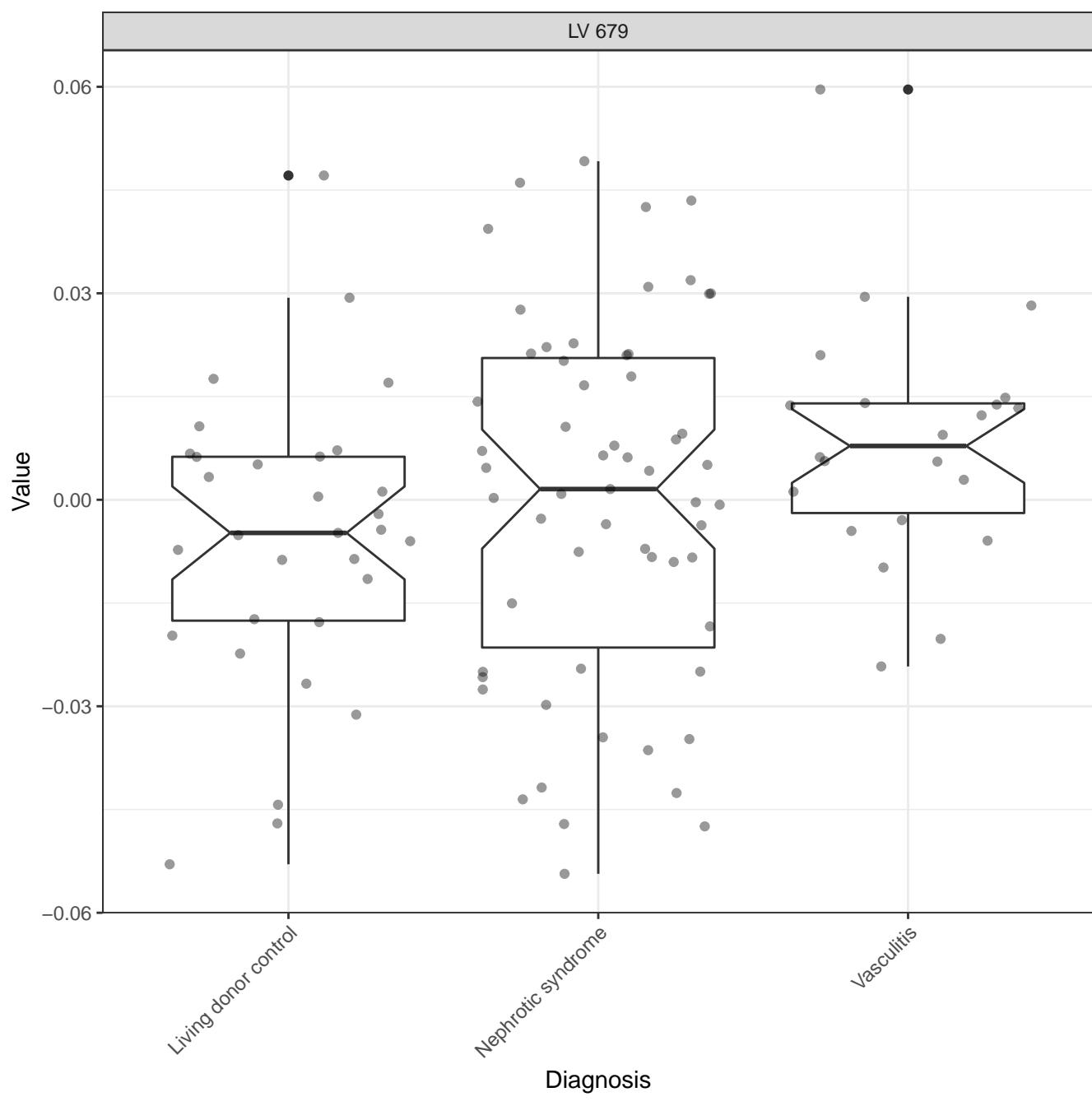
0.06  
0.03  
0.00  
-0.03  
-0.06

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

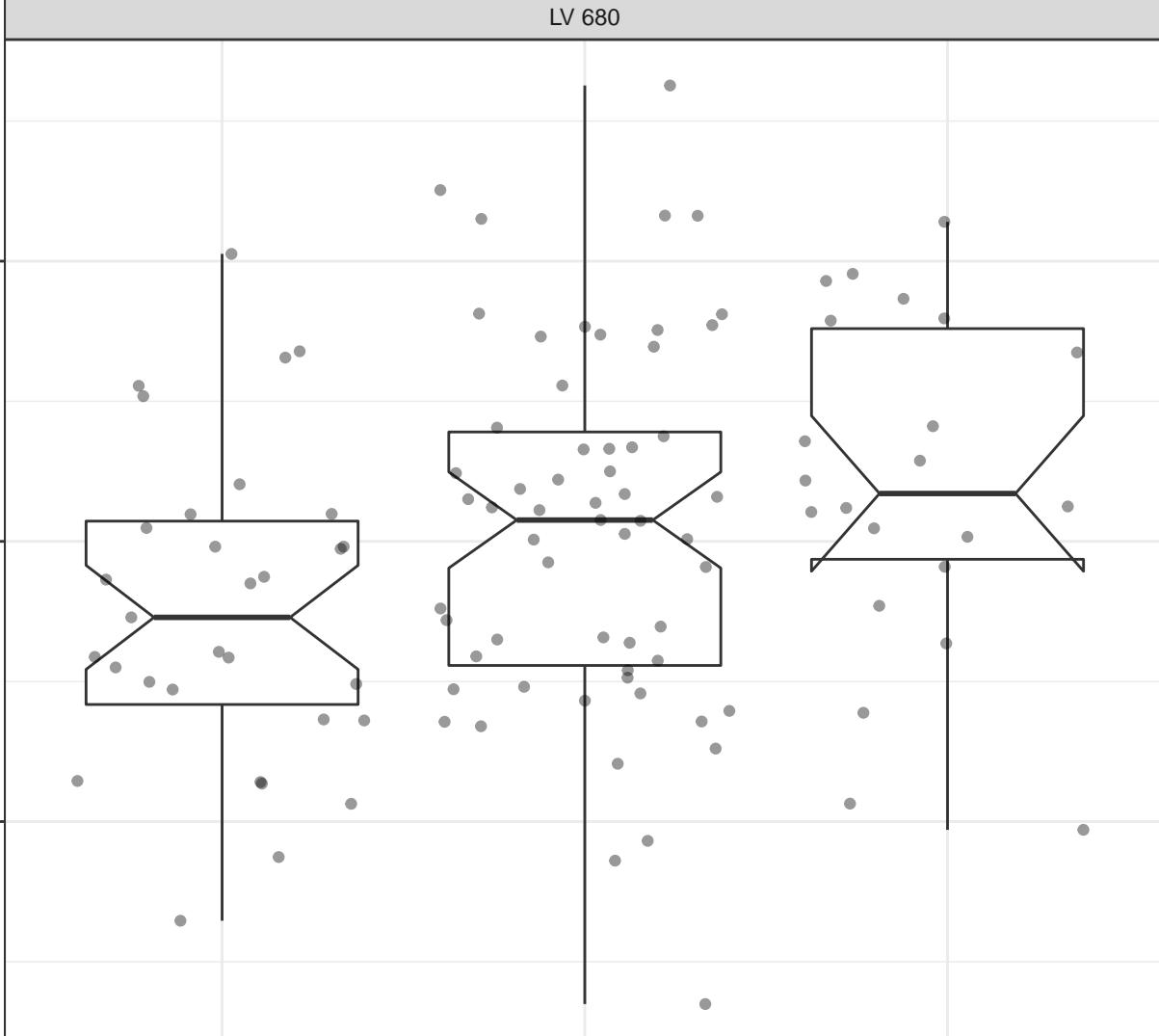
-0.05

Living donor control

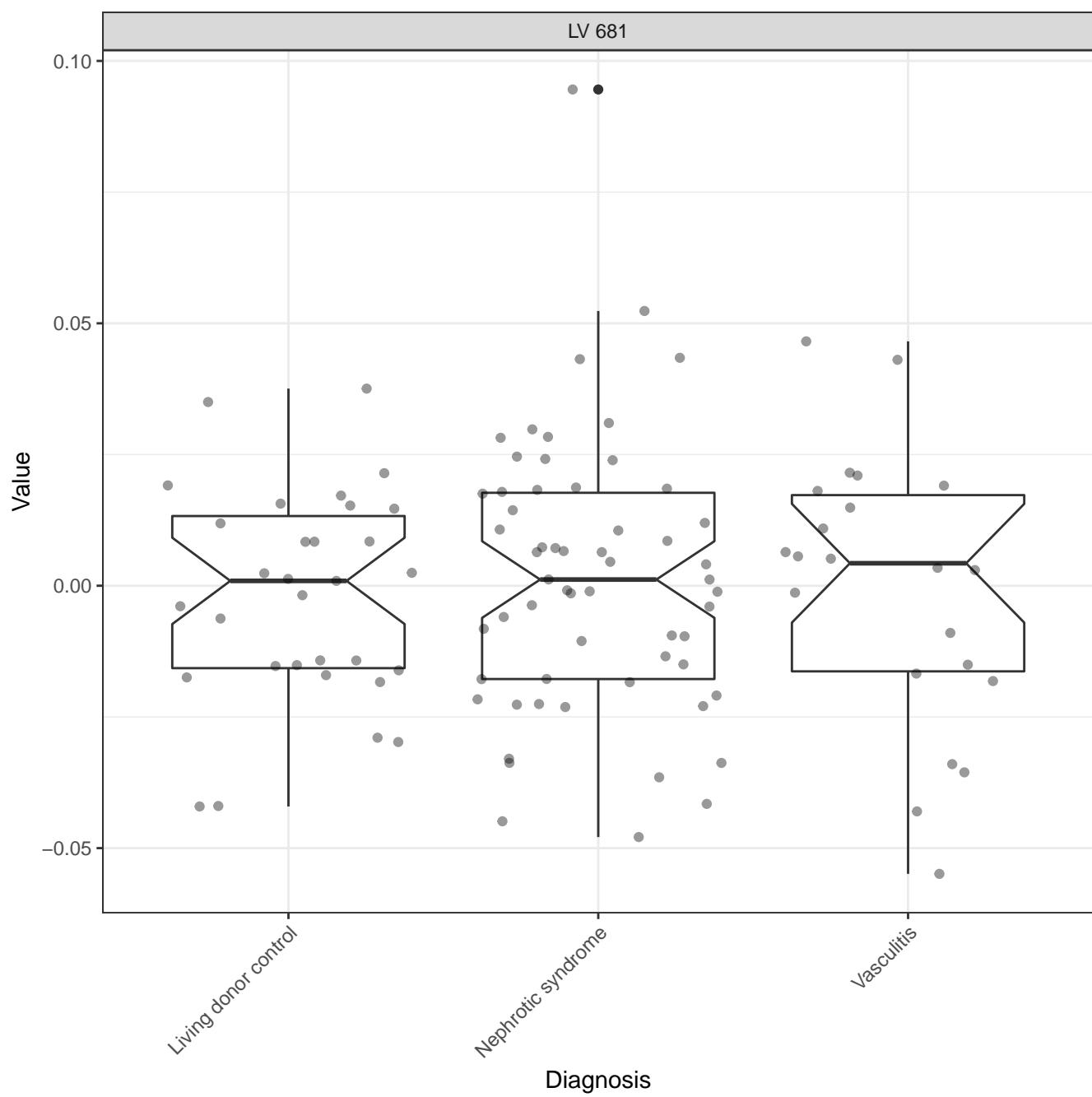
Nephrotic syndrome

Vasculitis

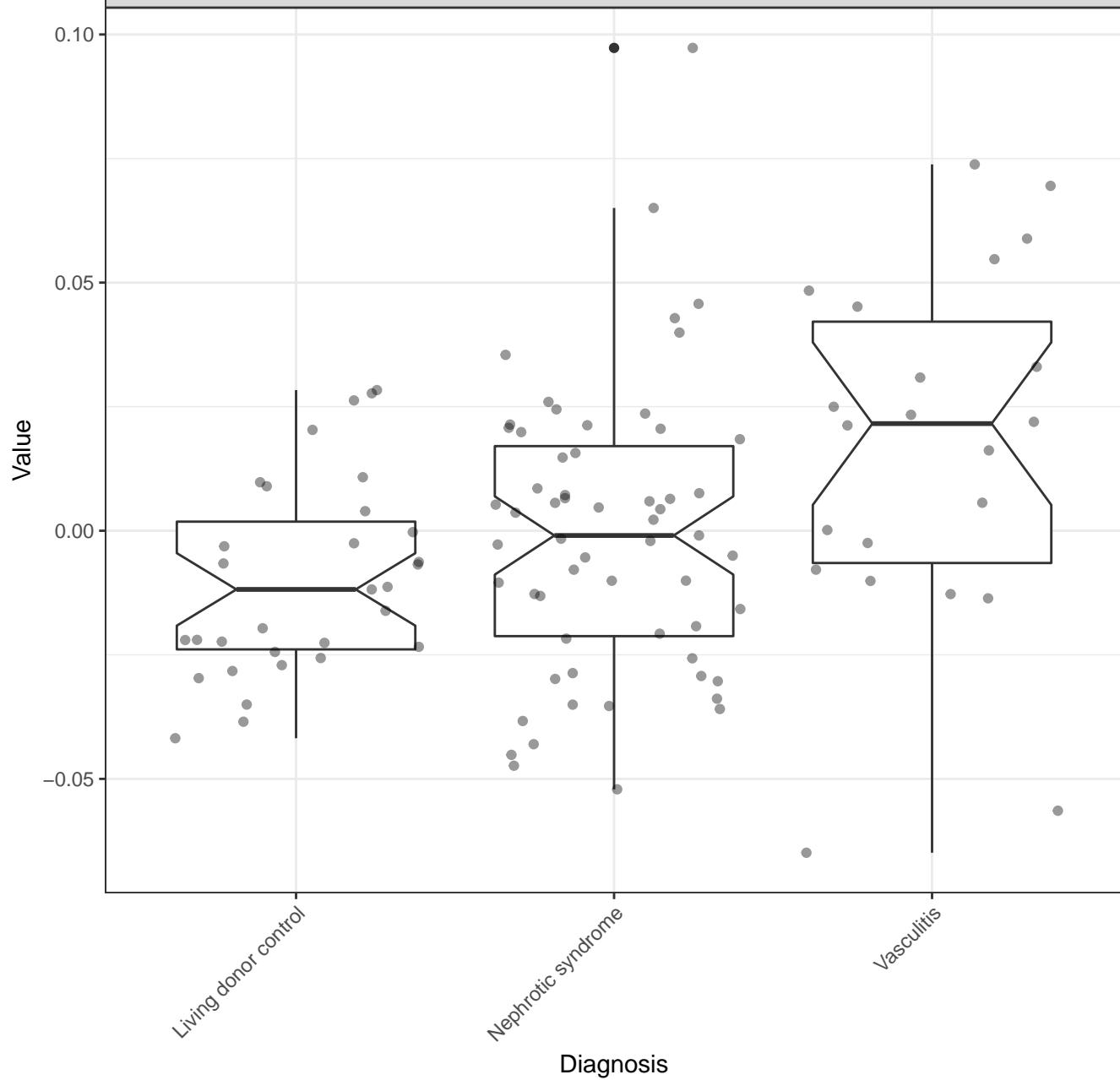
Diagnosis



LV 681



LV 682



Value

0.05

0.00

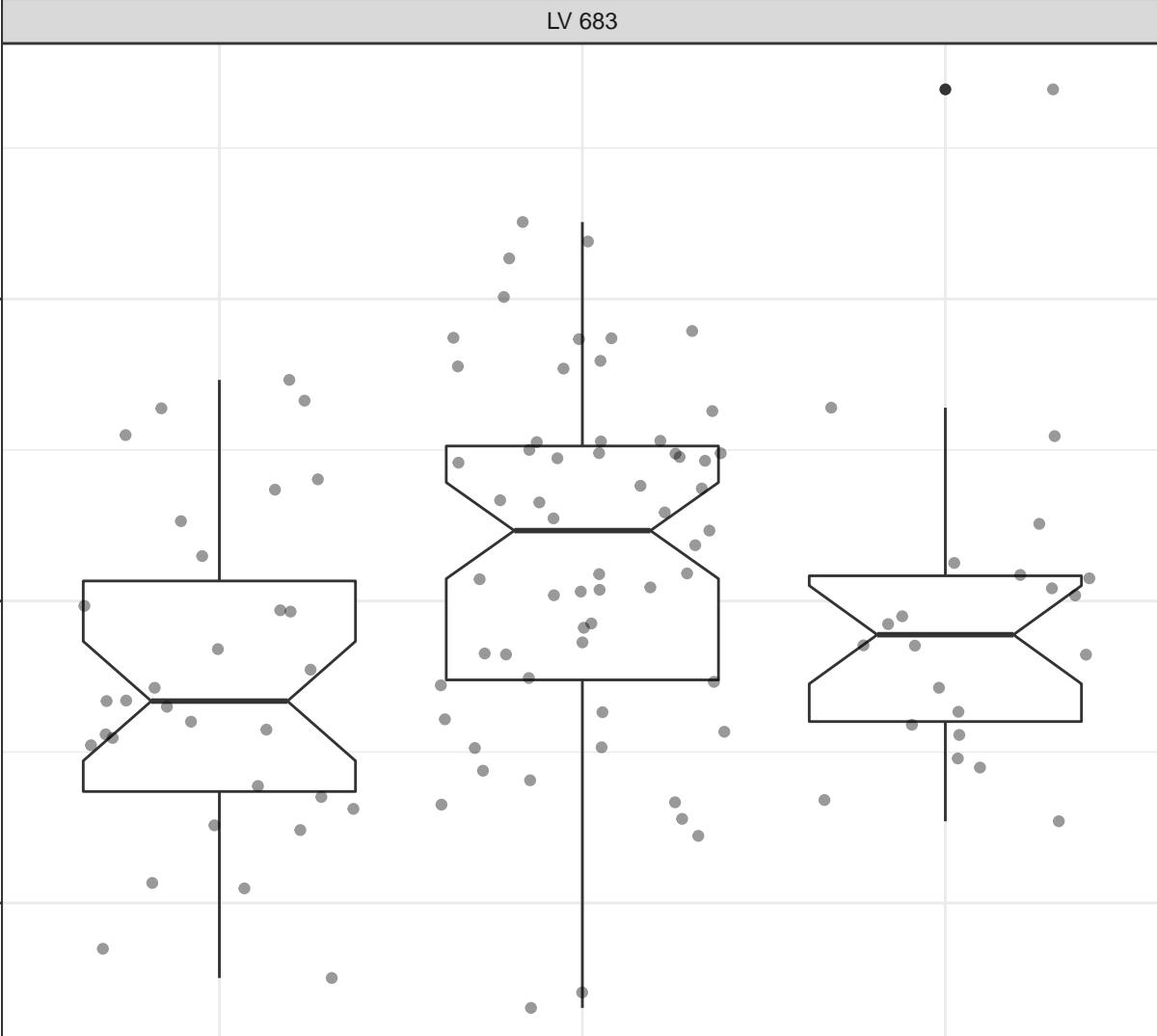
-0.05

Living donor control

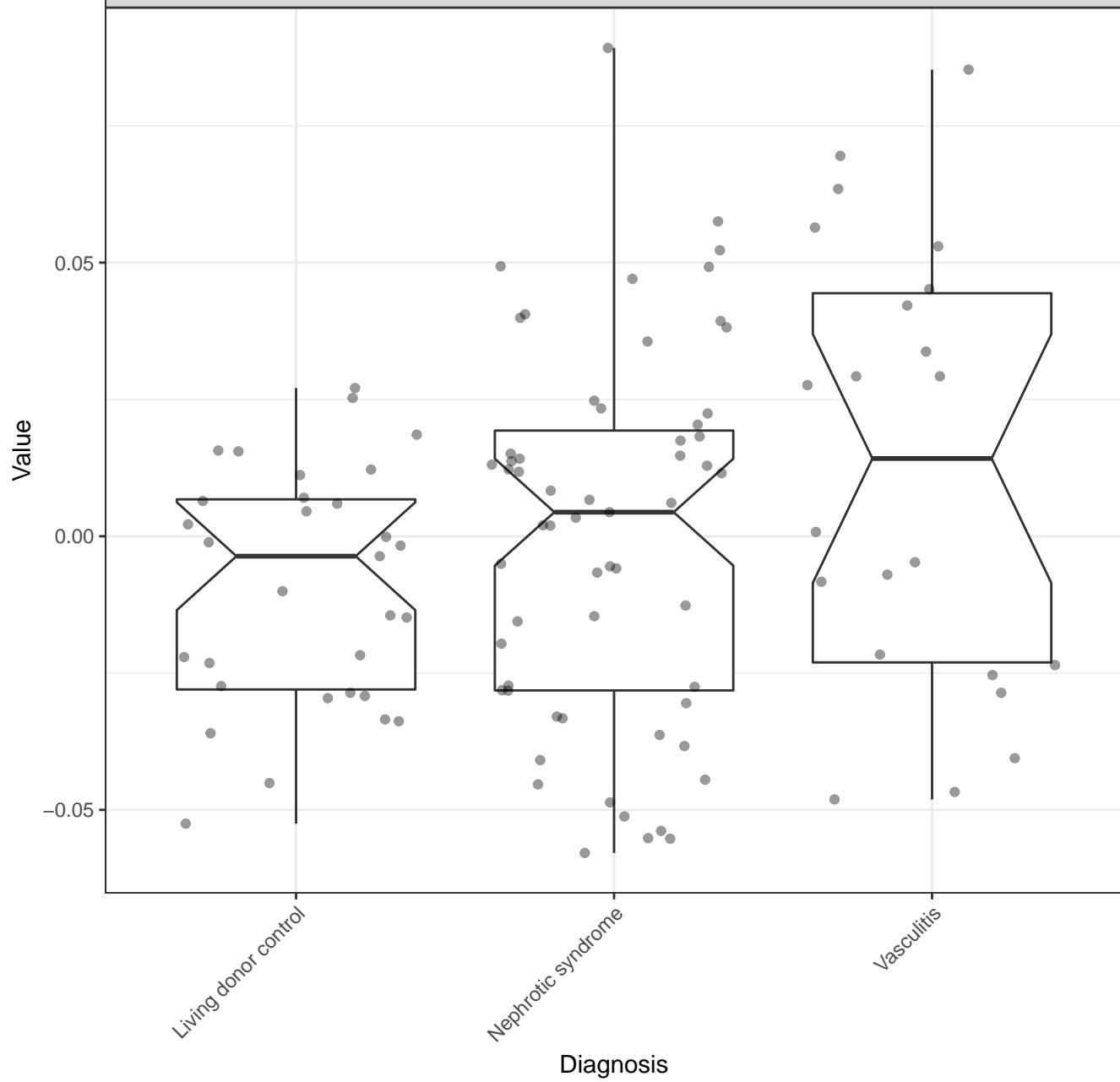
Nephrotic syndrome

Vasculitis

Diagnosis



## 684,KEGG\_CELL\_CYCLE



Value

0.05

0.00

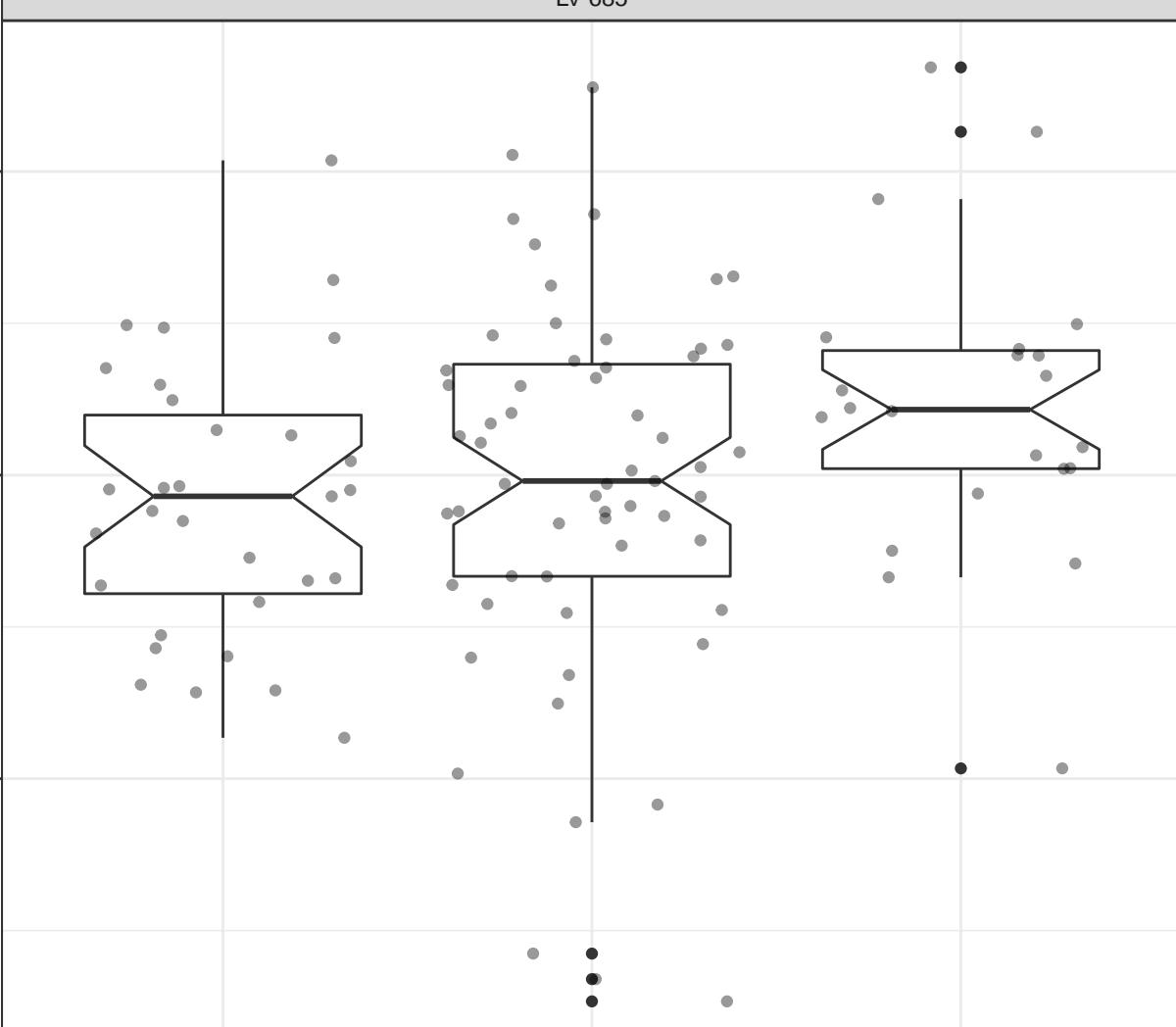
-0.05

Living donor control

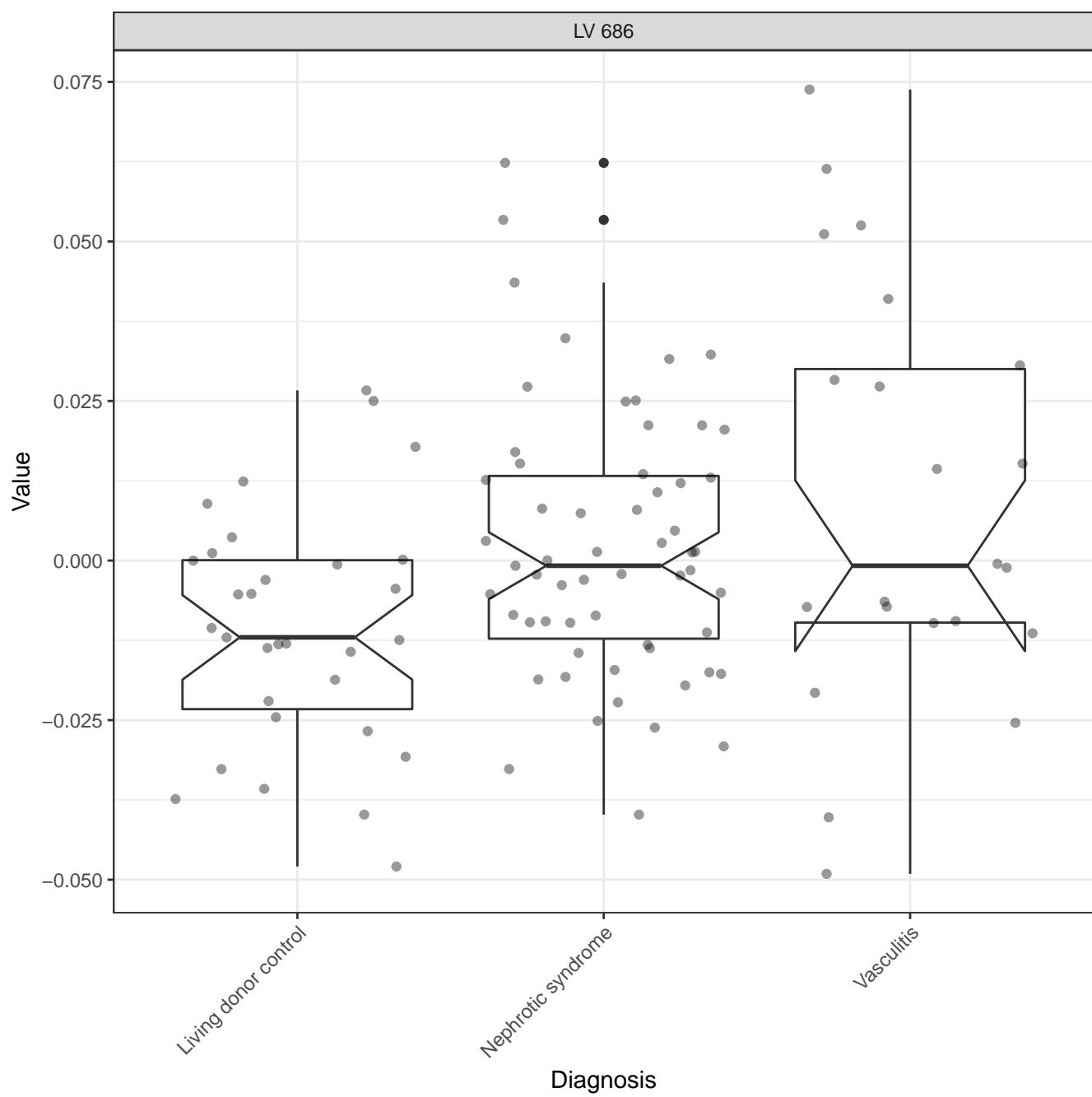
Nephrotic syndrome

Vasculitis

Diagnosis



LV 686



Value

0.05

0.00

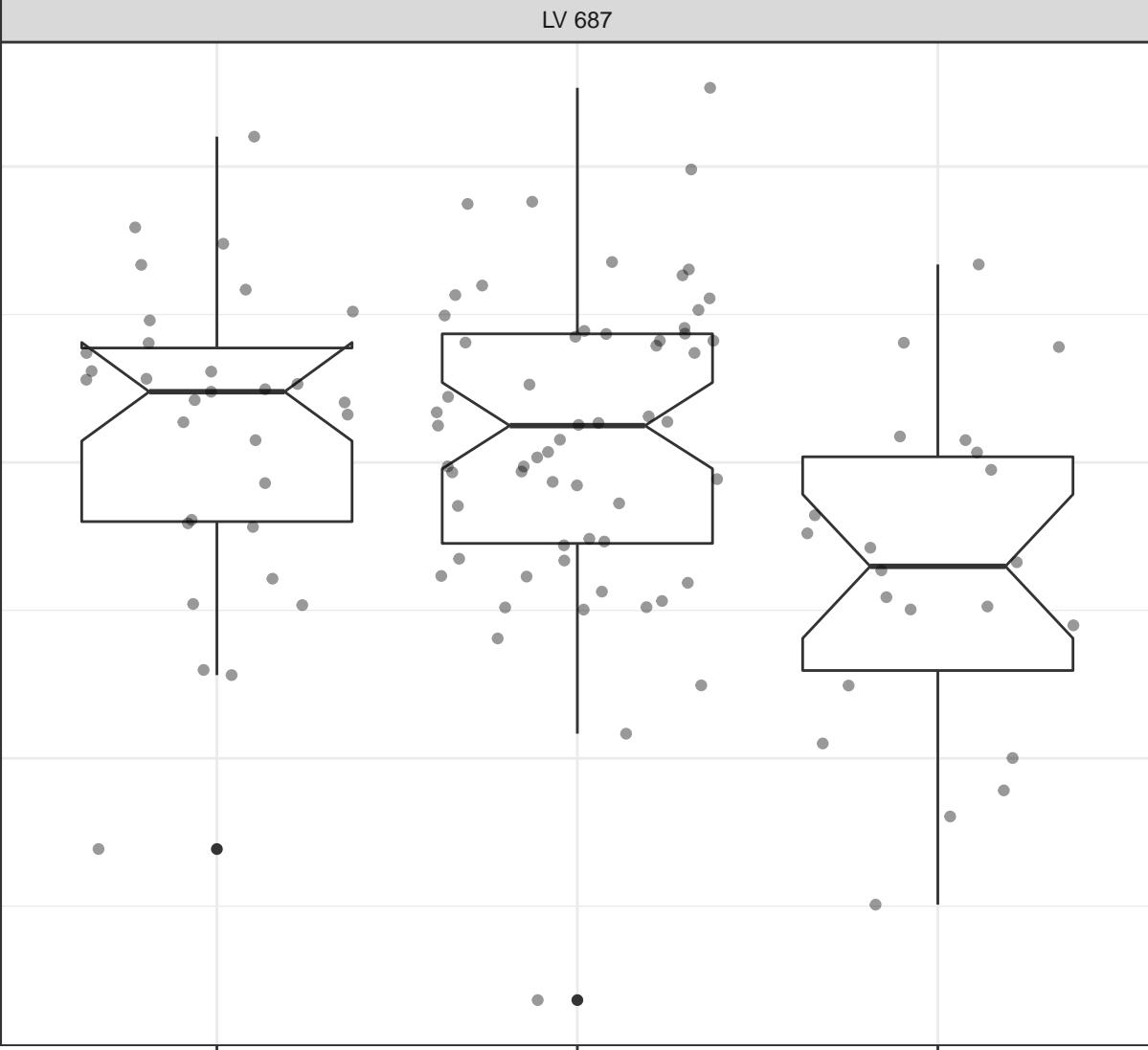
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

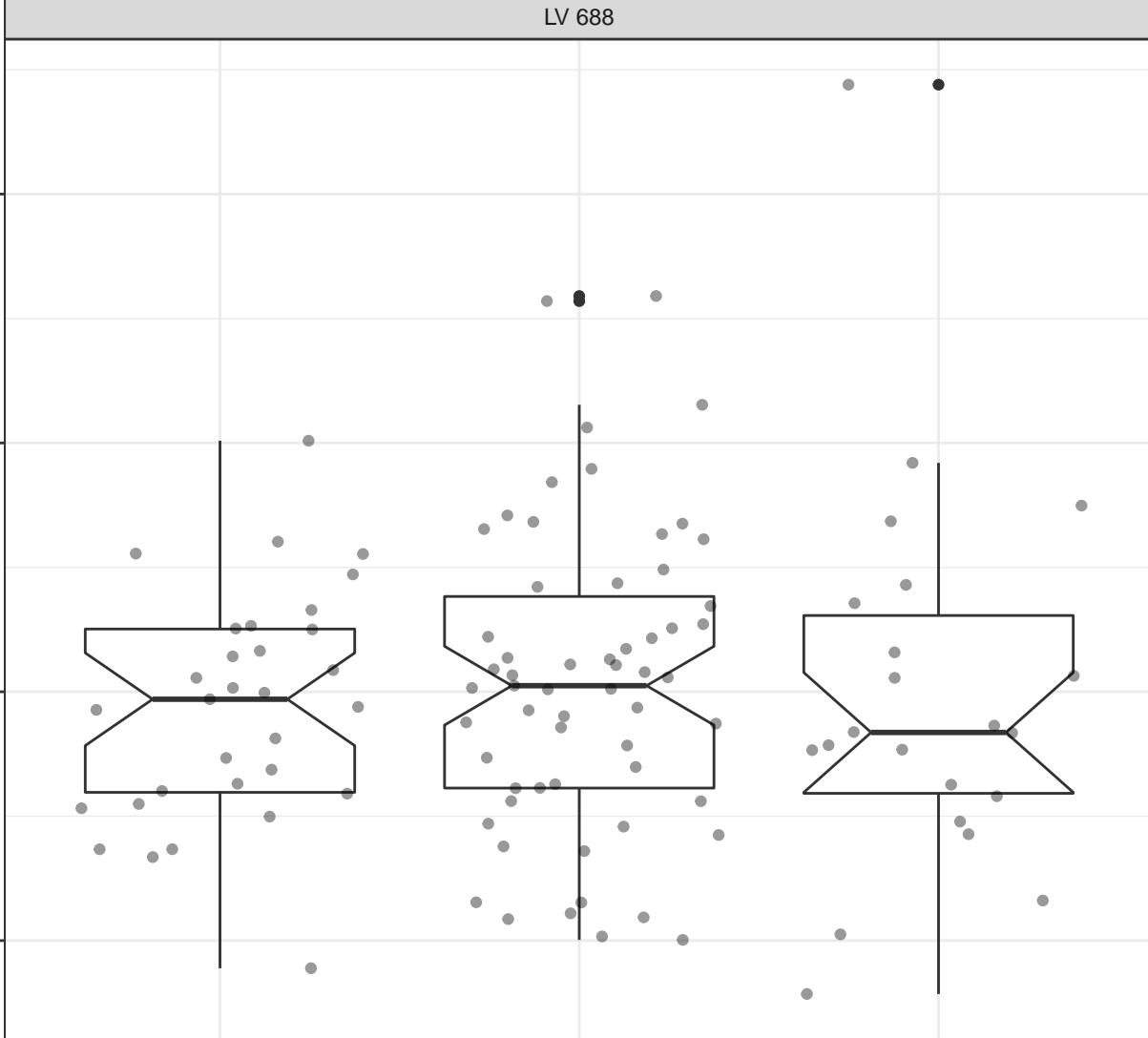
-0.05

Living donor control

Nephrotic syndrome

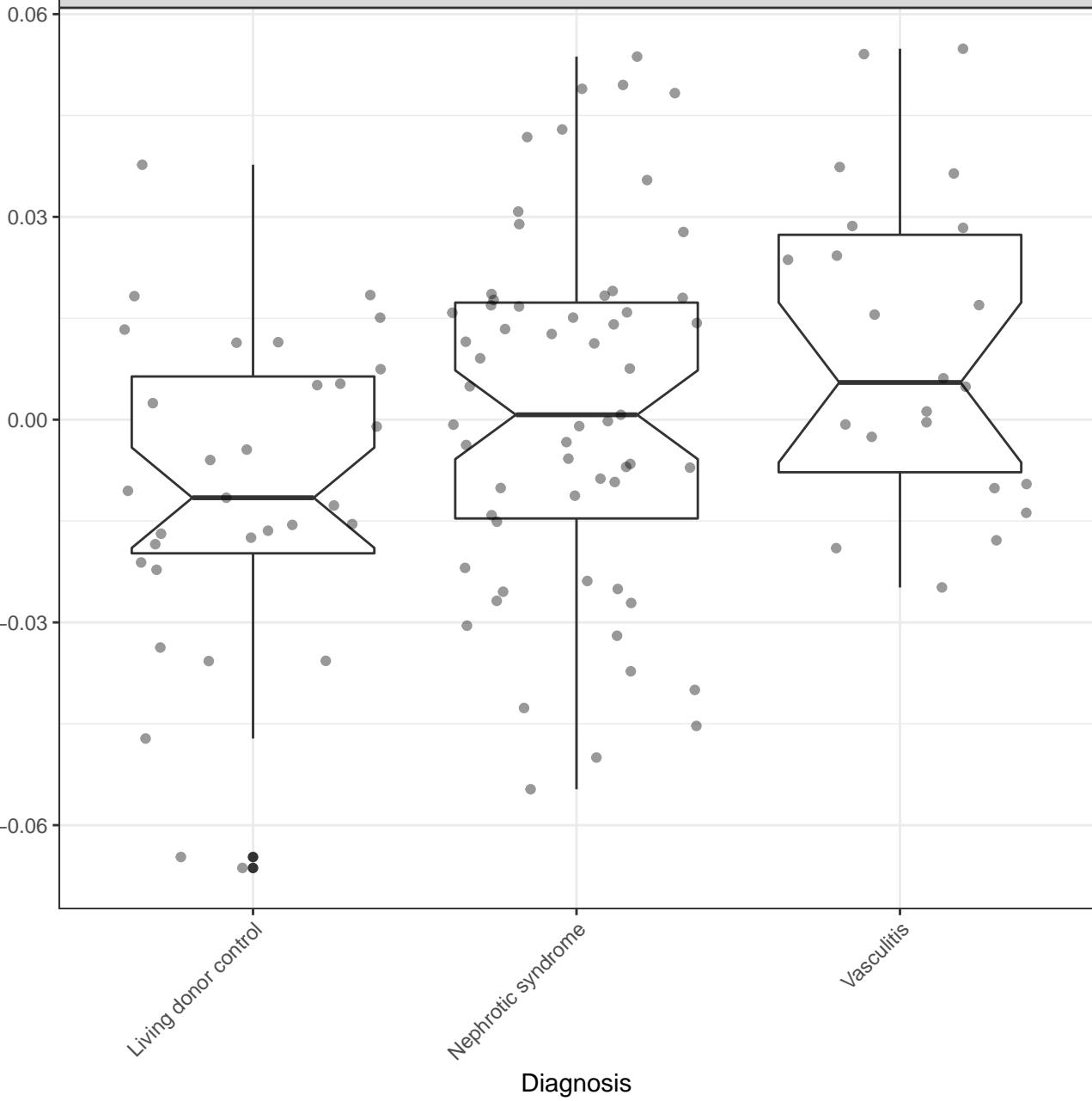
Vasculitis

Diagnosis



LV 689

Value



LV 690

Value

0.05

0.00

-0.05

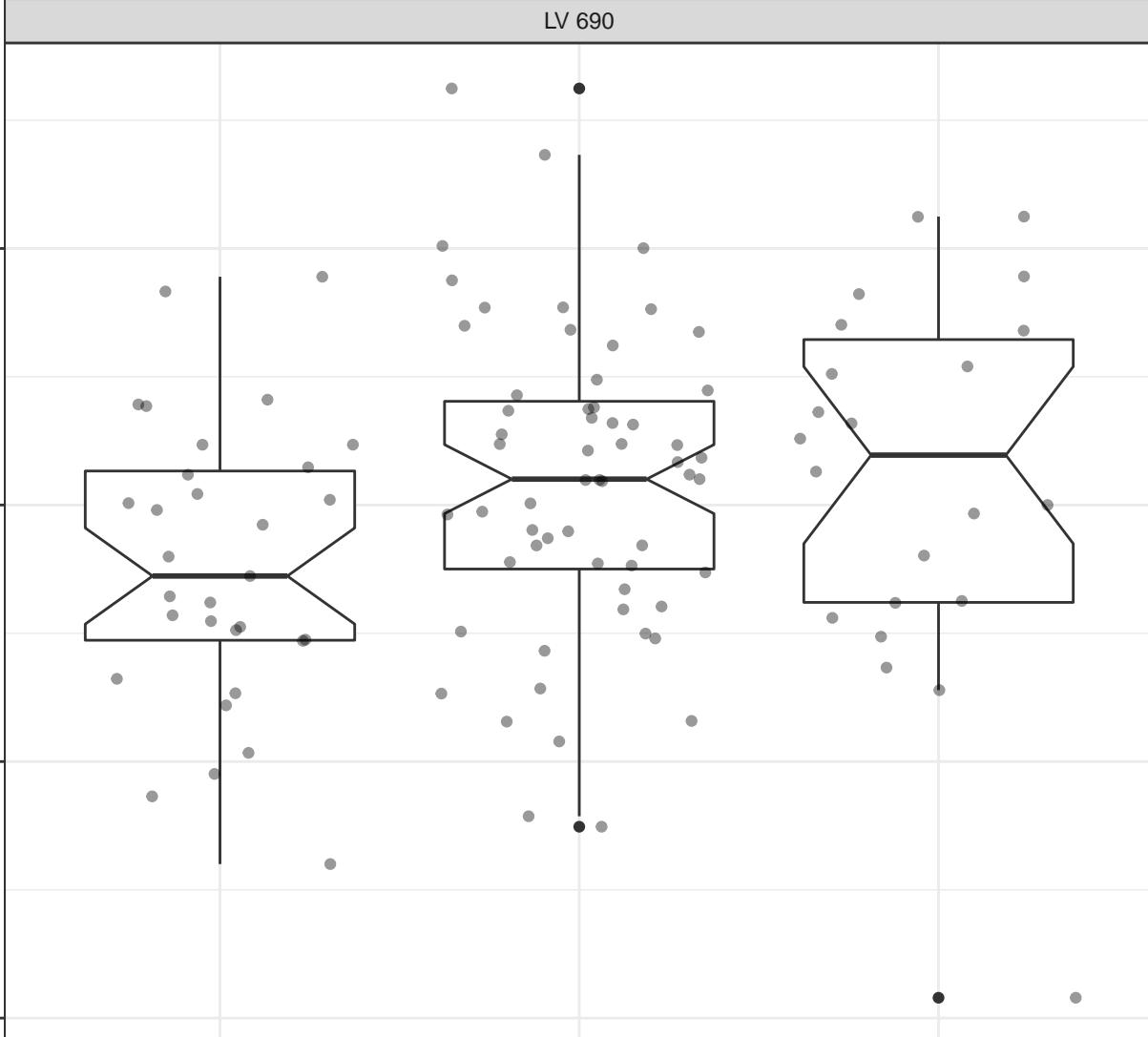
-0.10

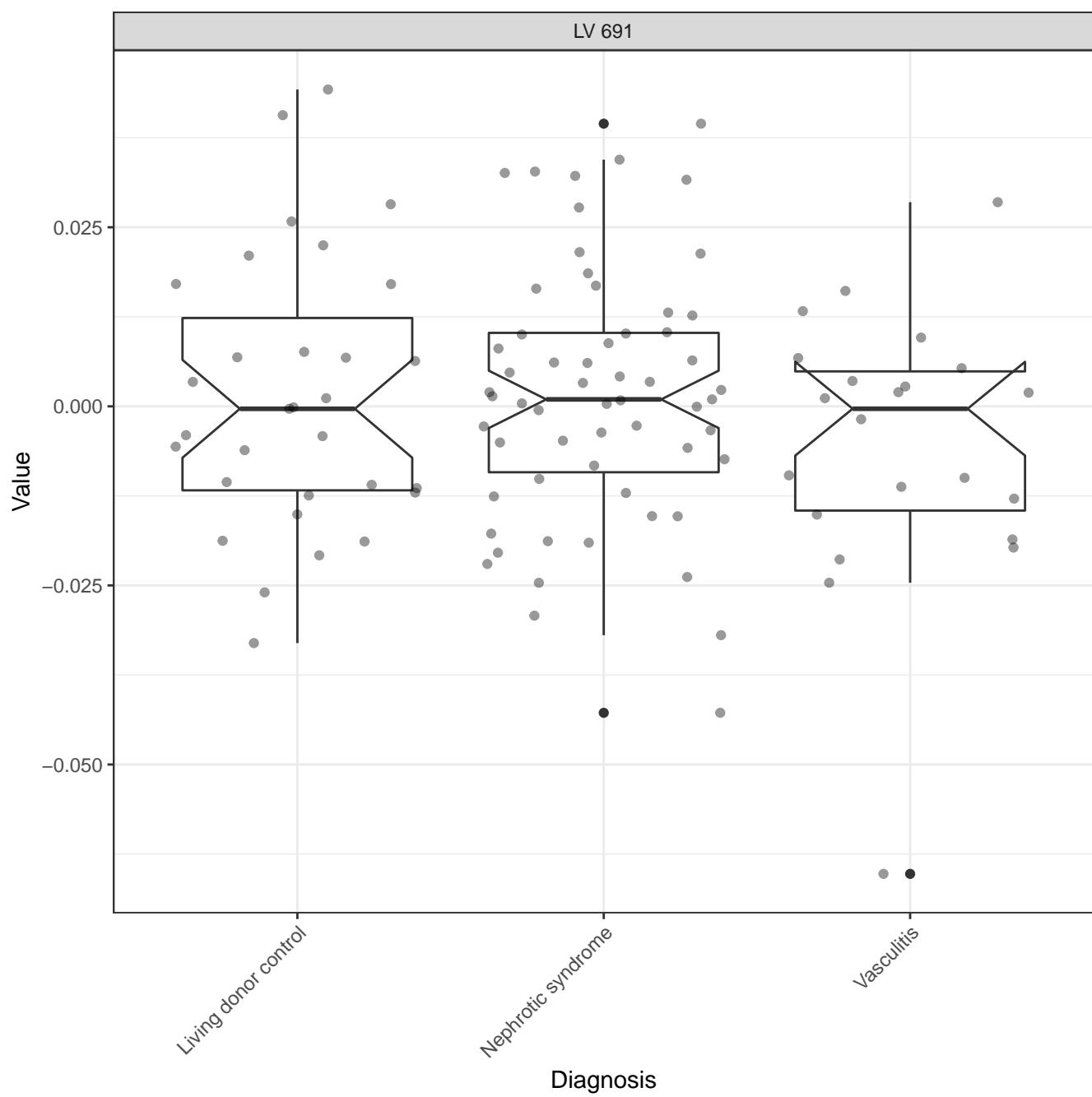
Living donor control

Nephrotic syndrome

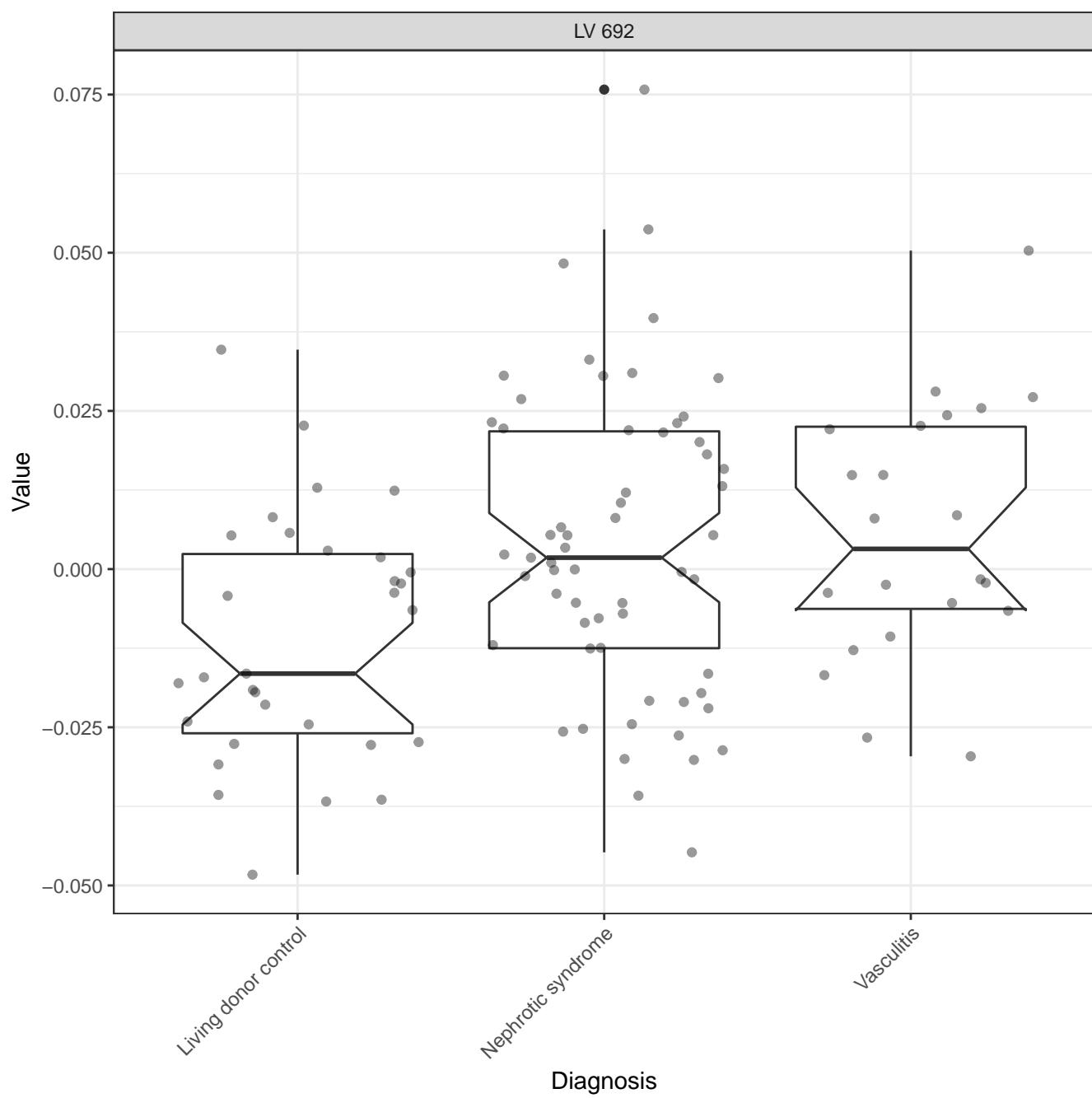
Vasculitis

Diagnosis





LV 692



Value

0.05

0.00

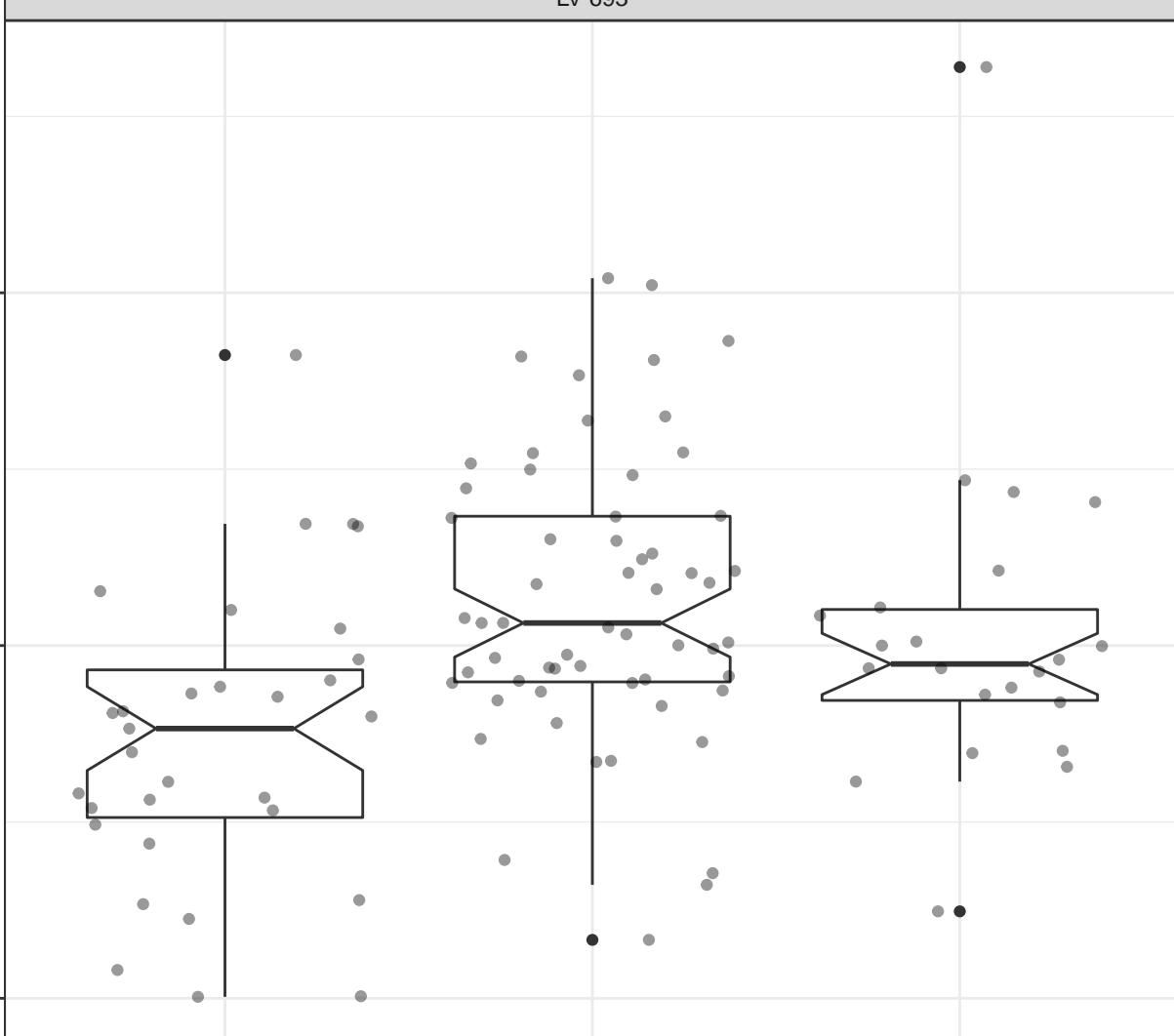
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 694

Value

0.050

0.025

0.000

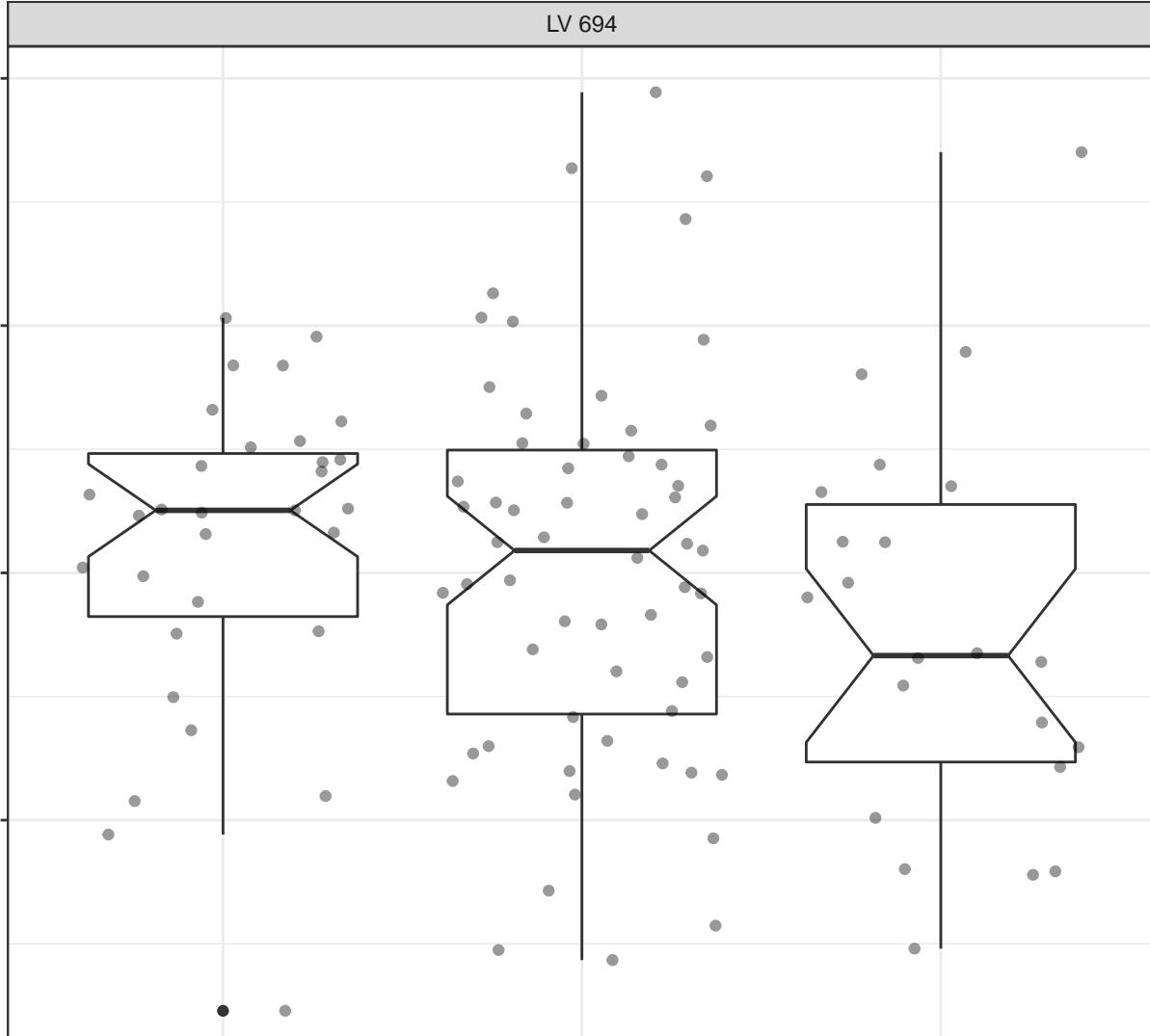
-0.025

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 695

Value

0.06

0.03

0.00

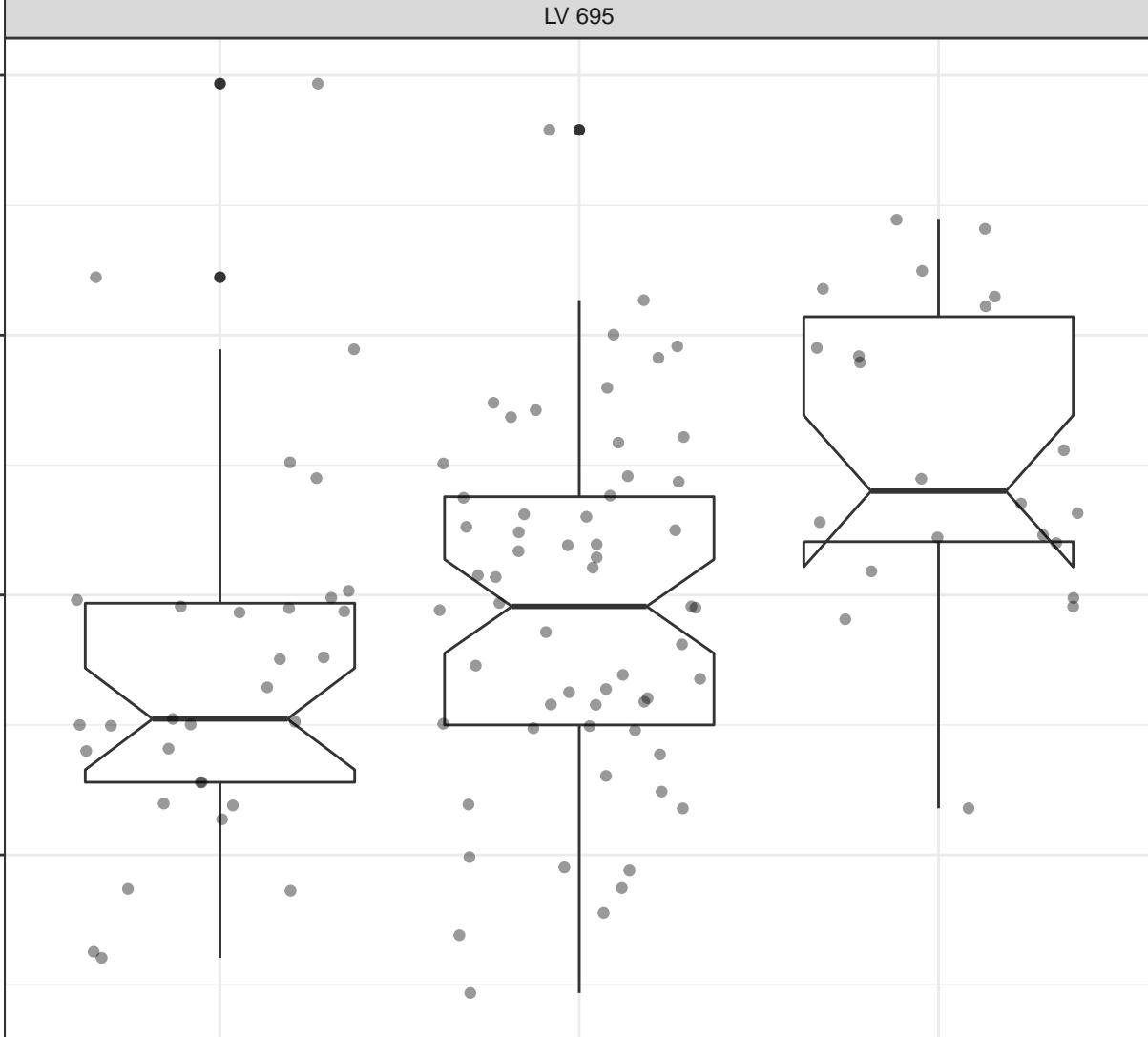
-0.03

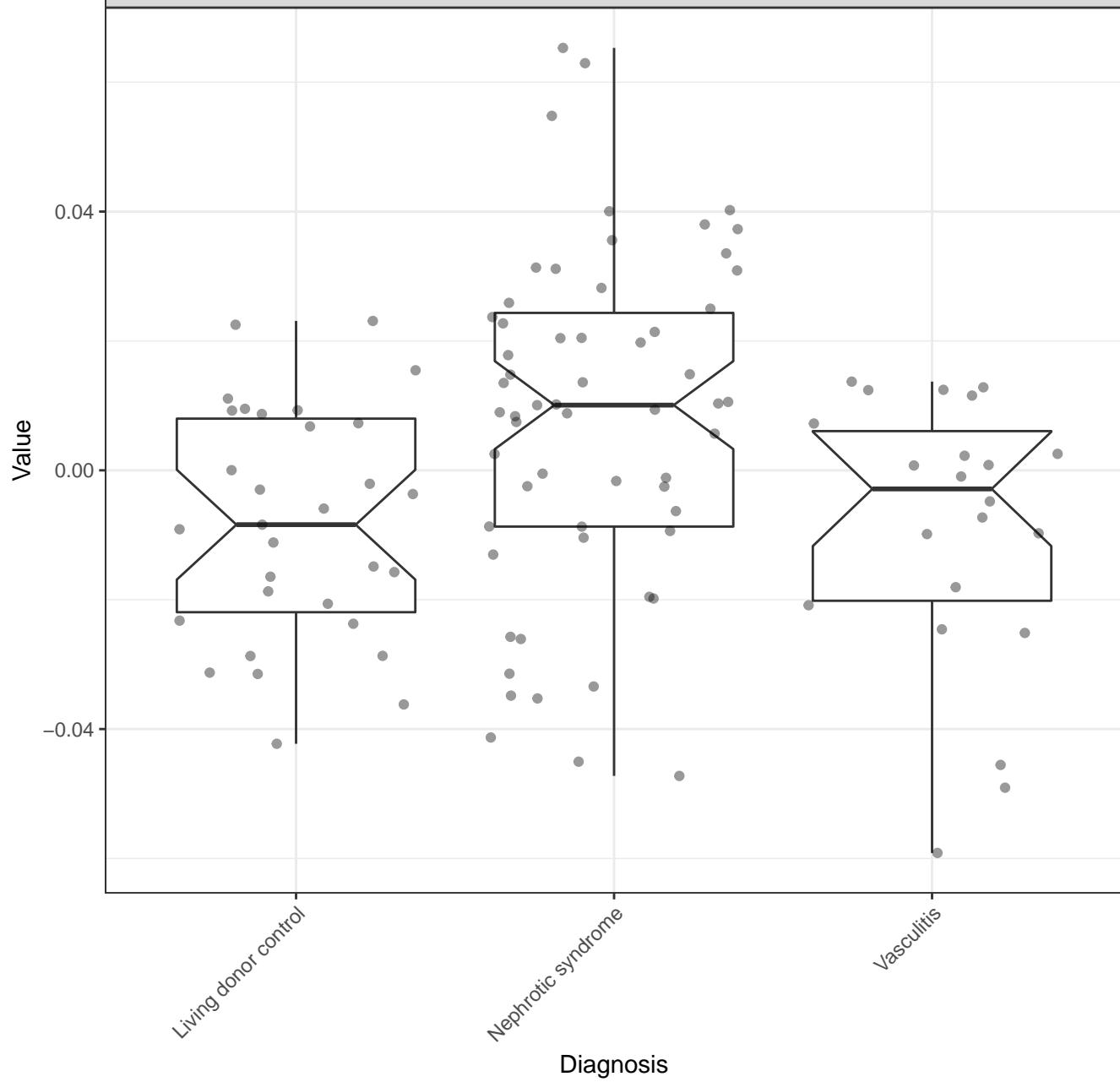
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 697

Value

0.10

0.05

0.00

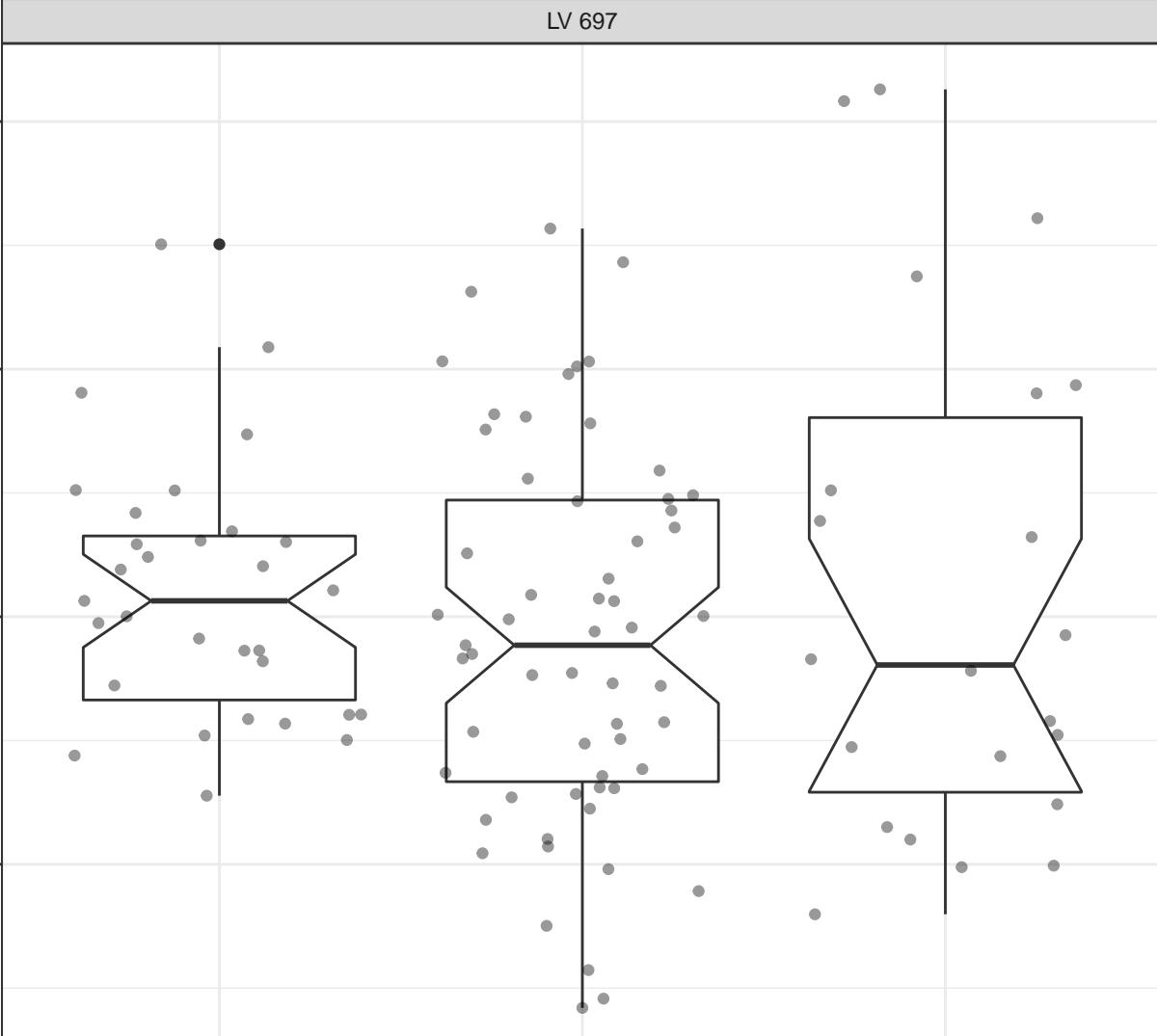
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

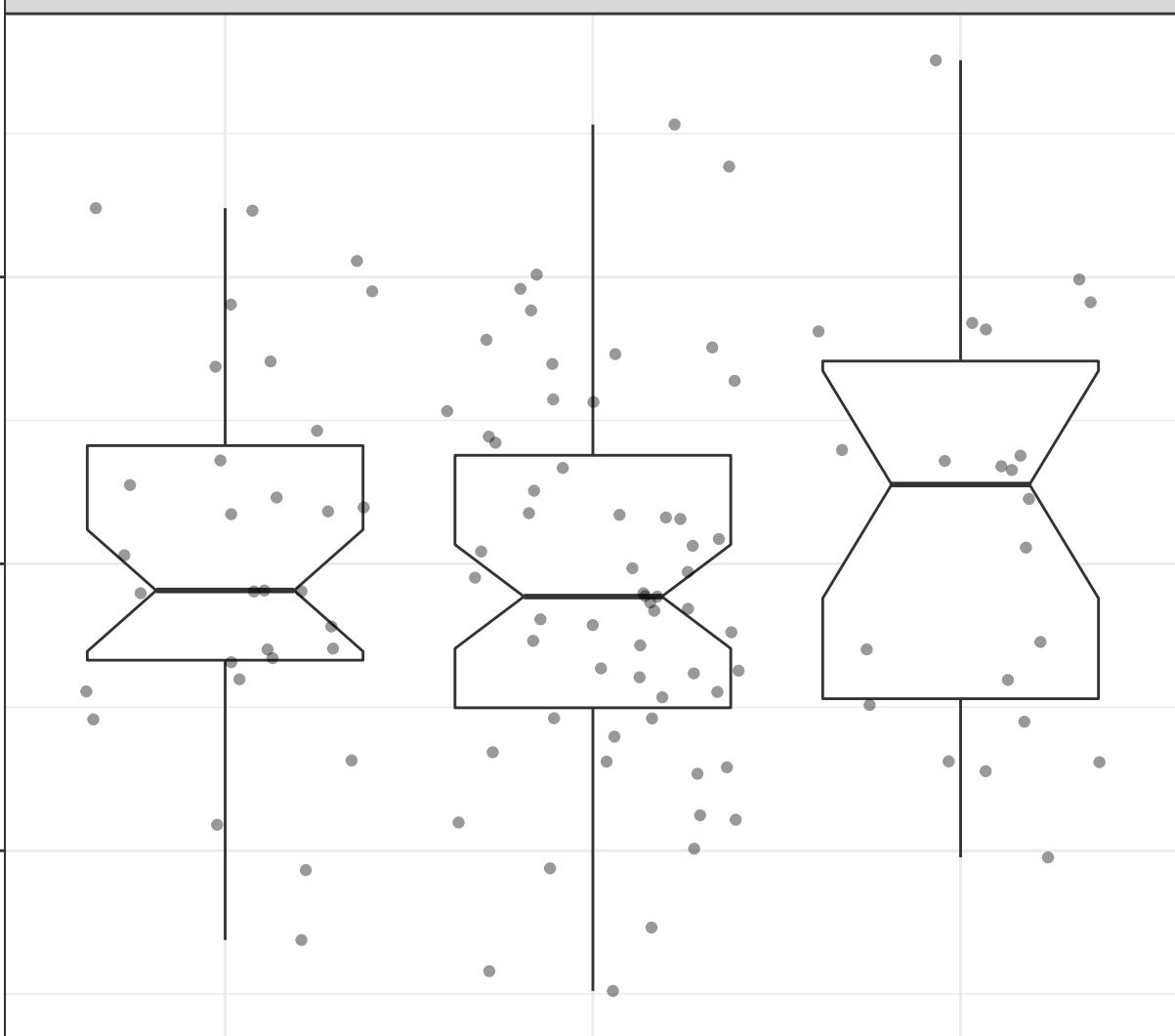
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.01

-0.05

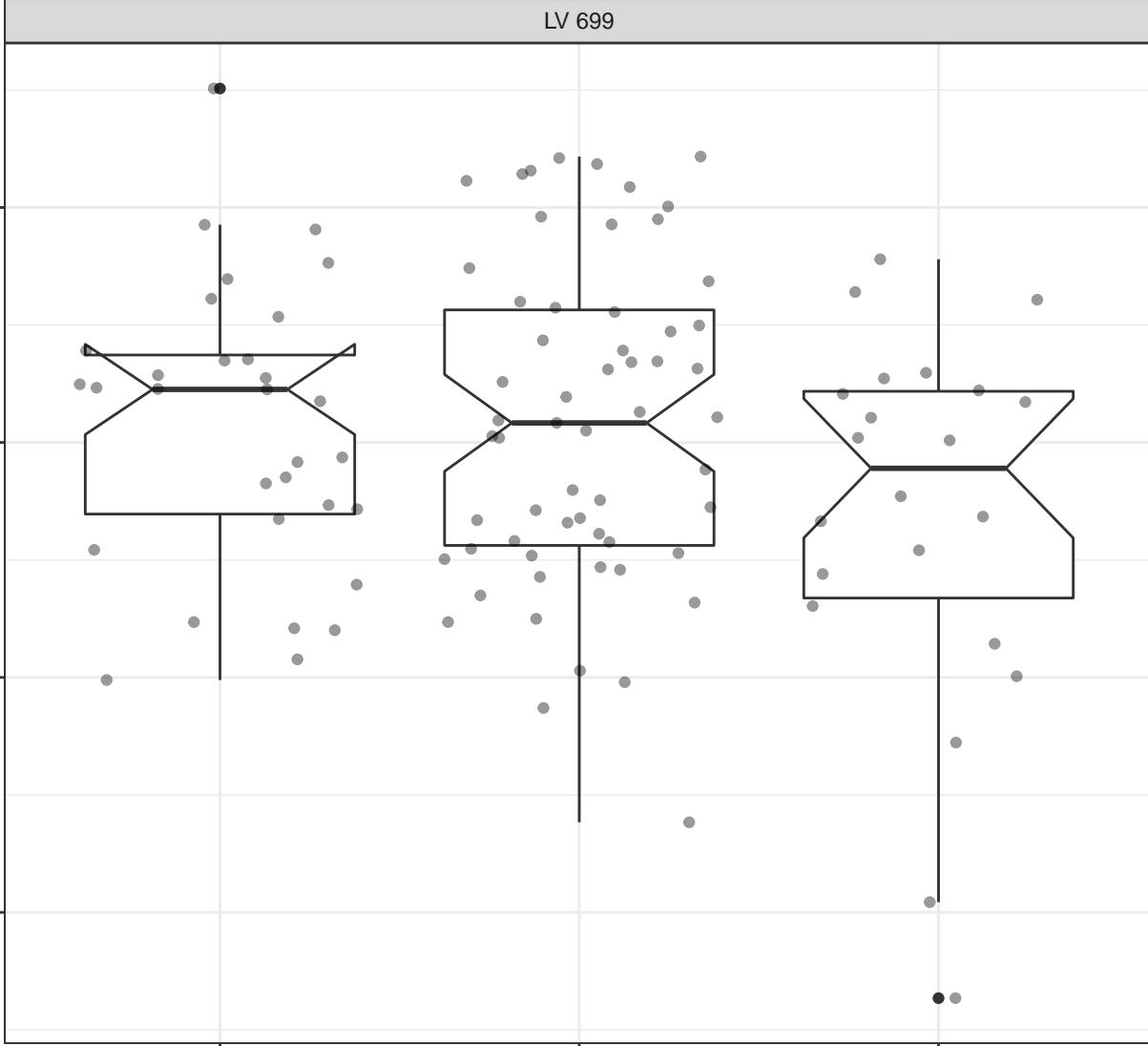
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 700

Value

0.05

0.01

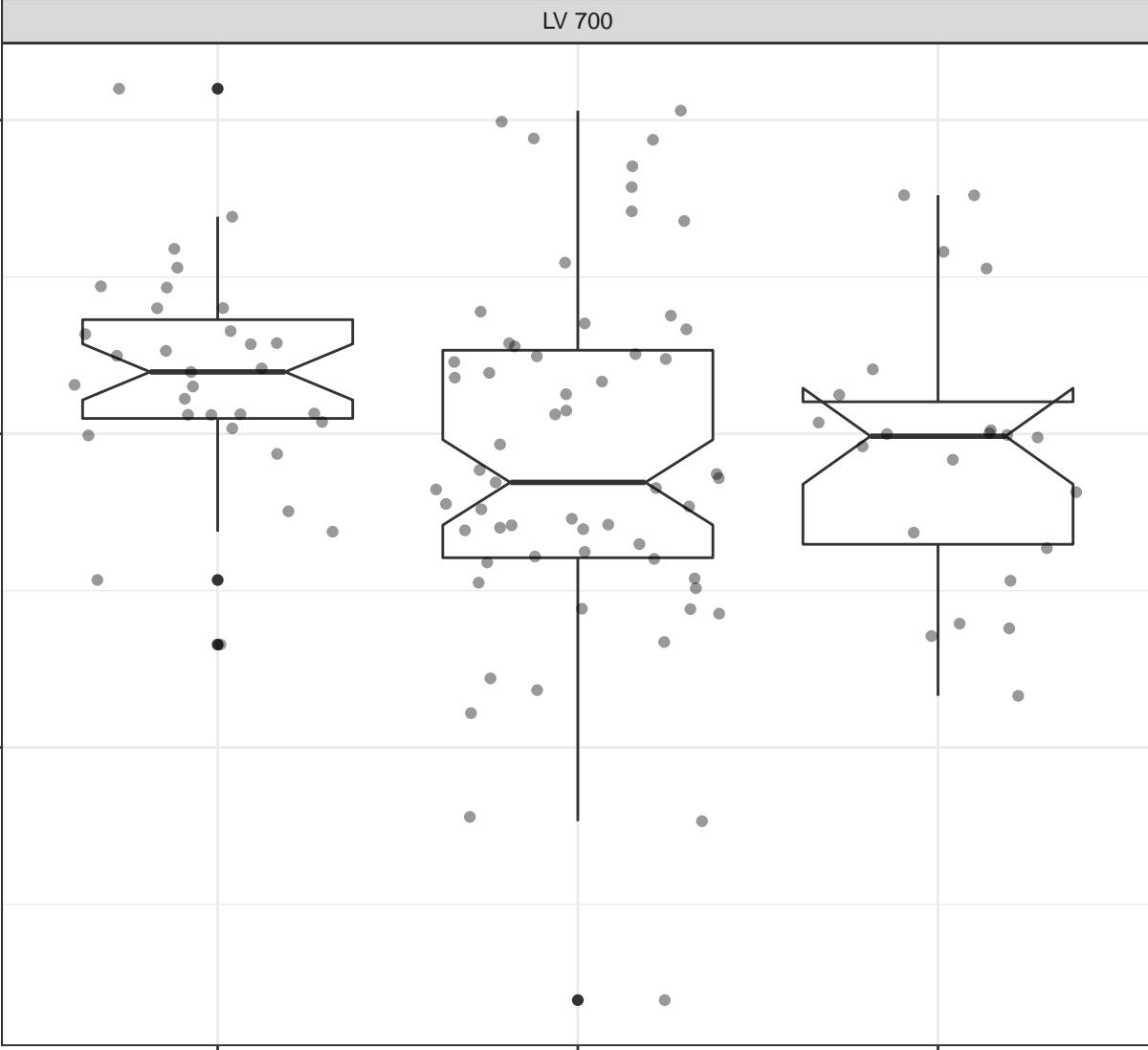
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

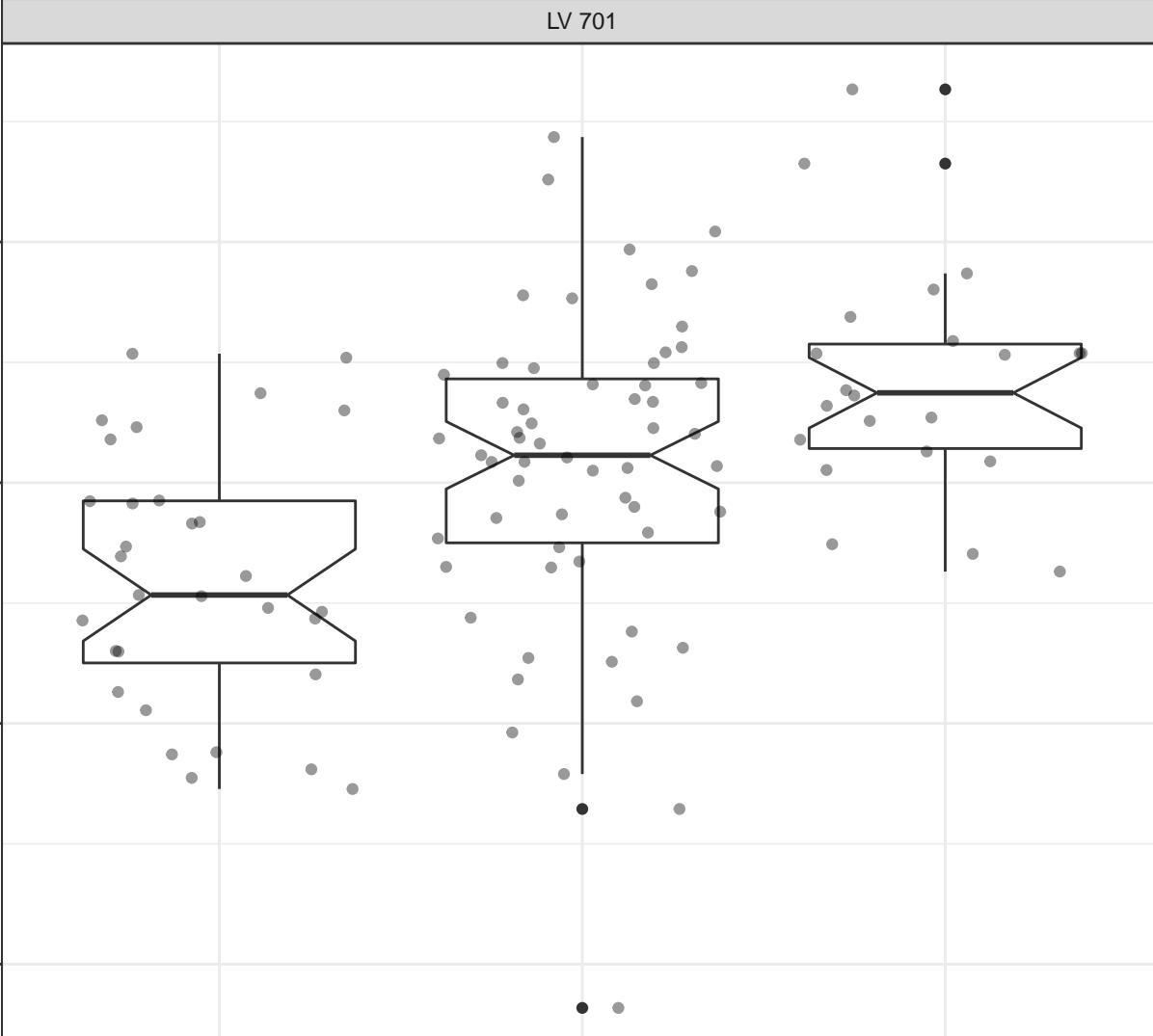
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 702

Value

0.10

0.05

0.00

-0.05

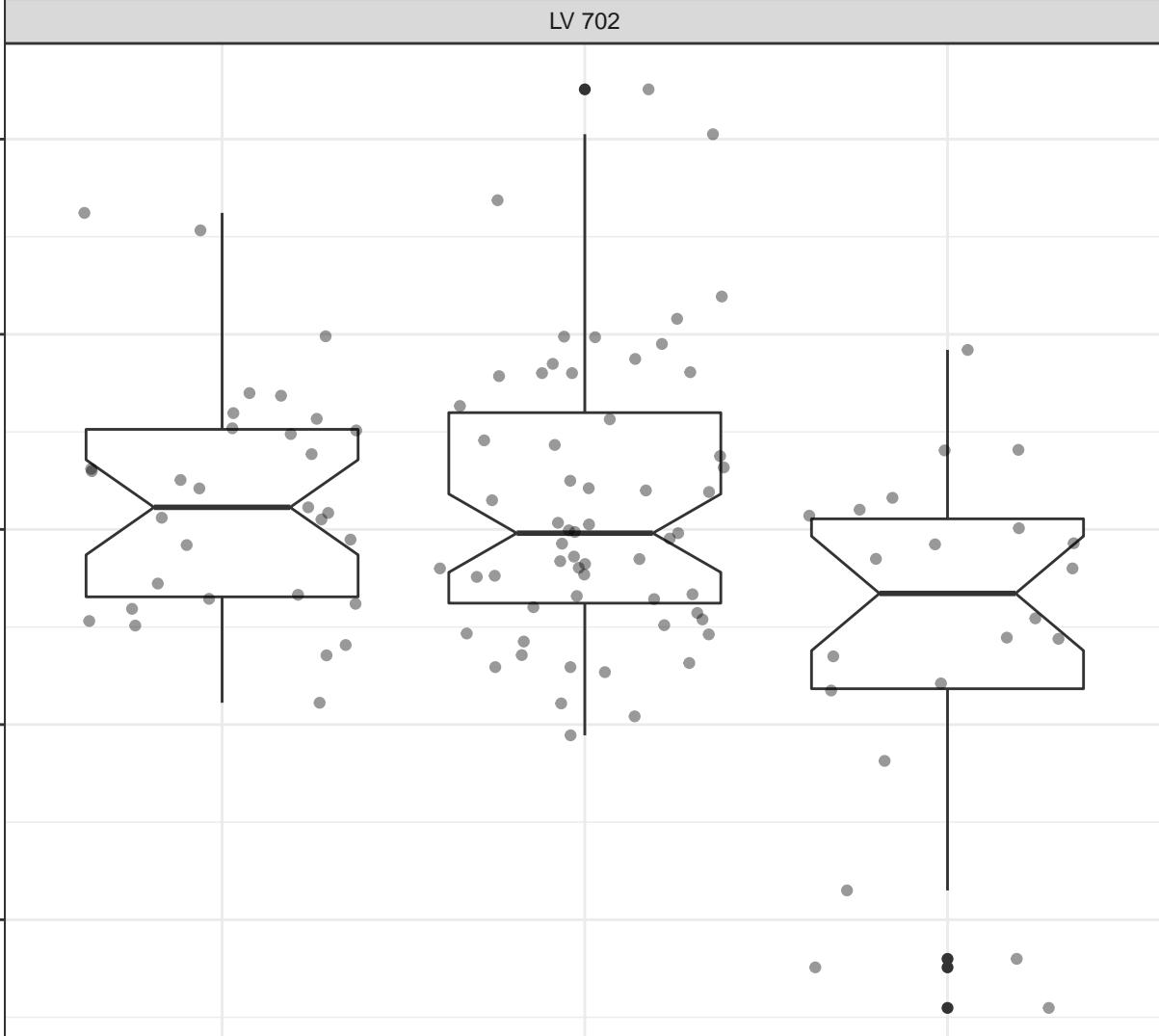
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 703

Value

0.04

0.02

0.00

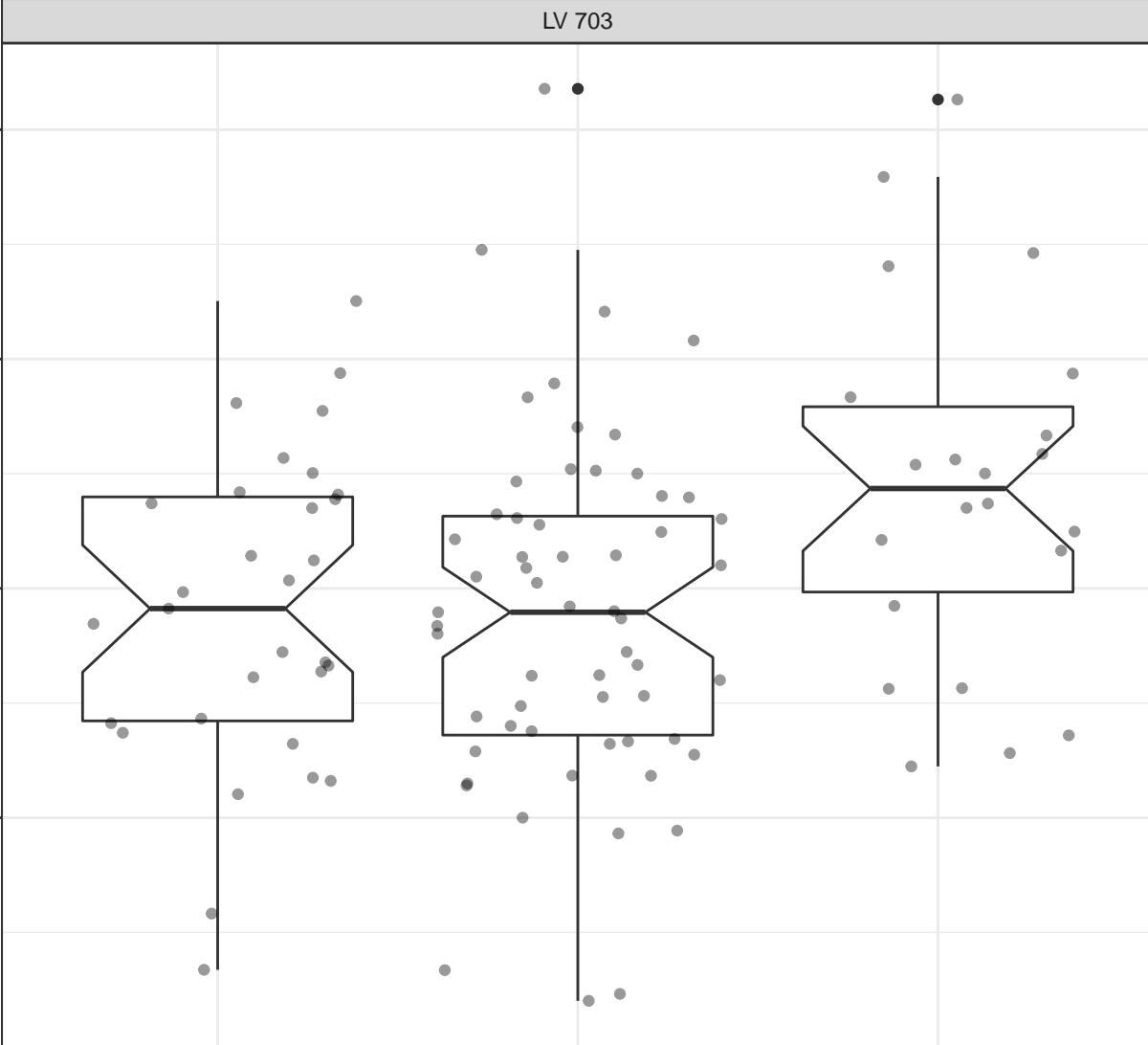
-0.02

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 704

Value

0.05

0.00

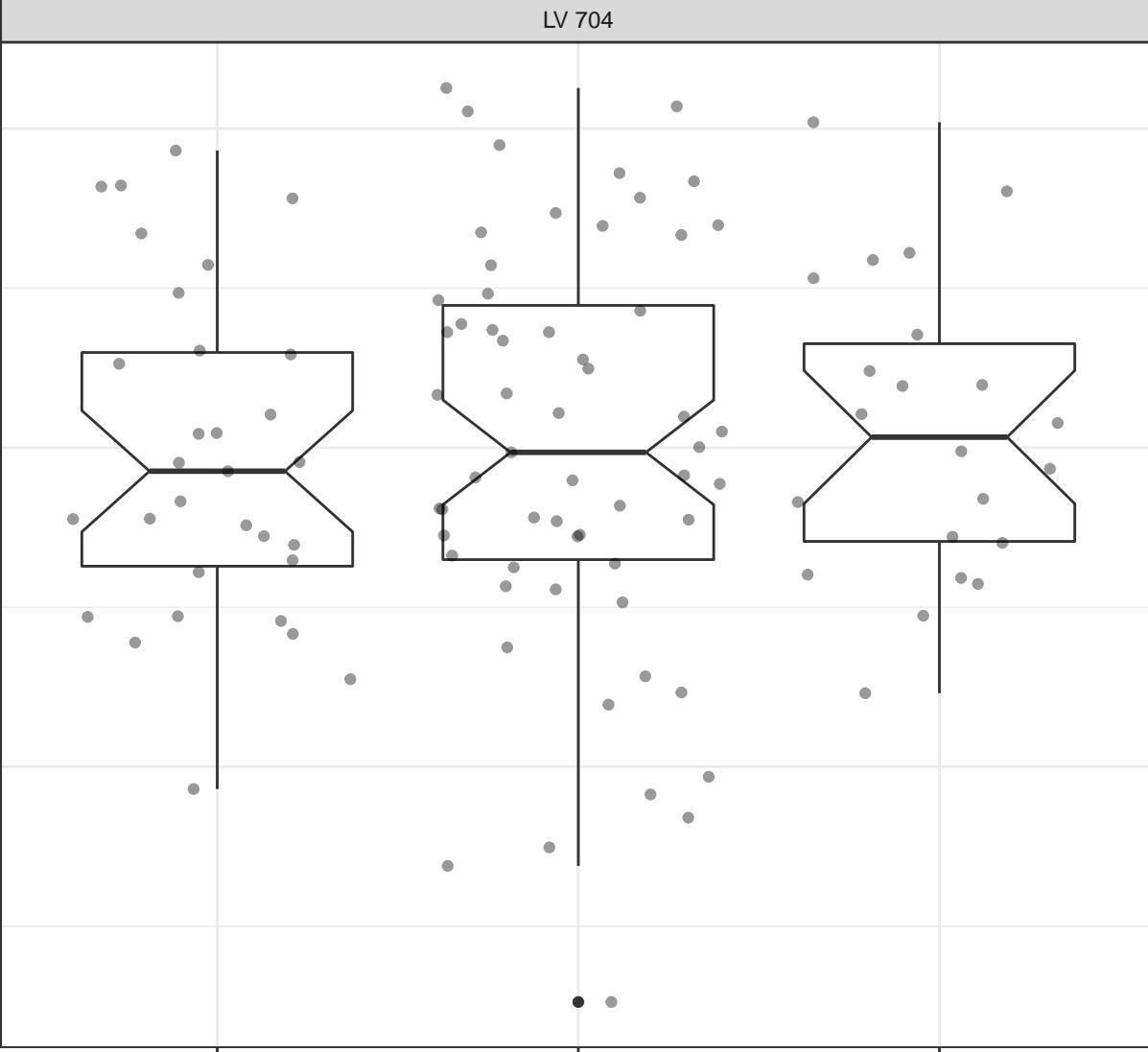
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



705,SVM NK cells activated

Value

0.05

0.01

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 706

Value

0.04

0.00

-0.04

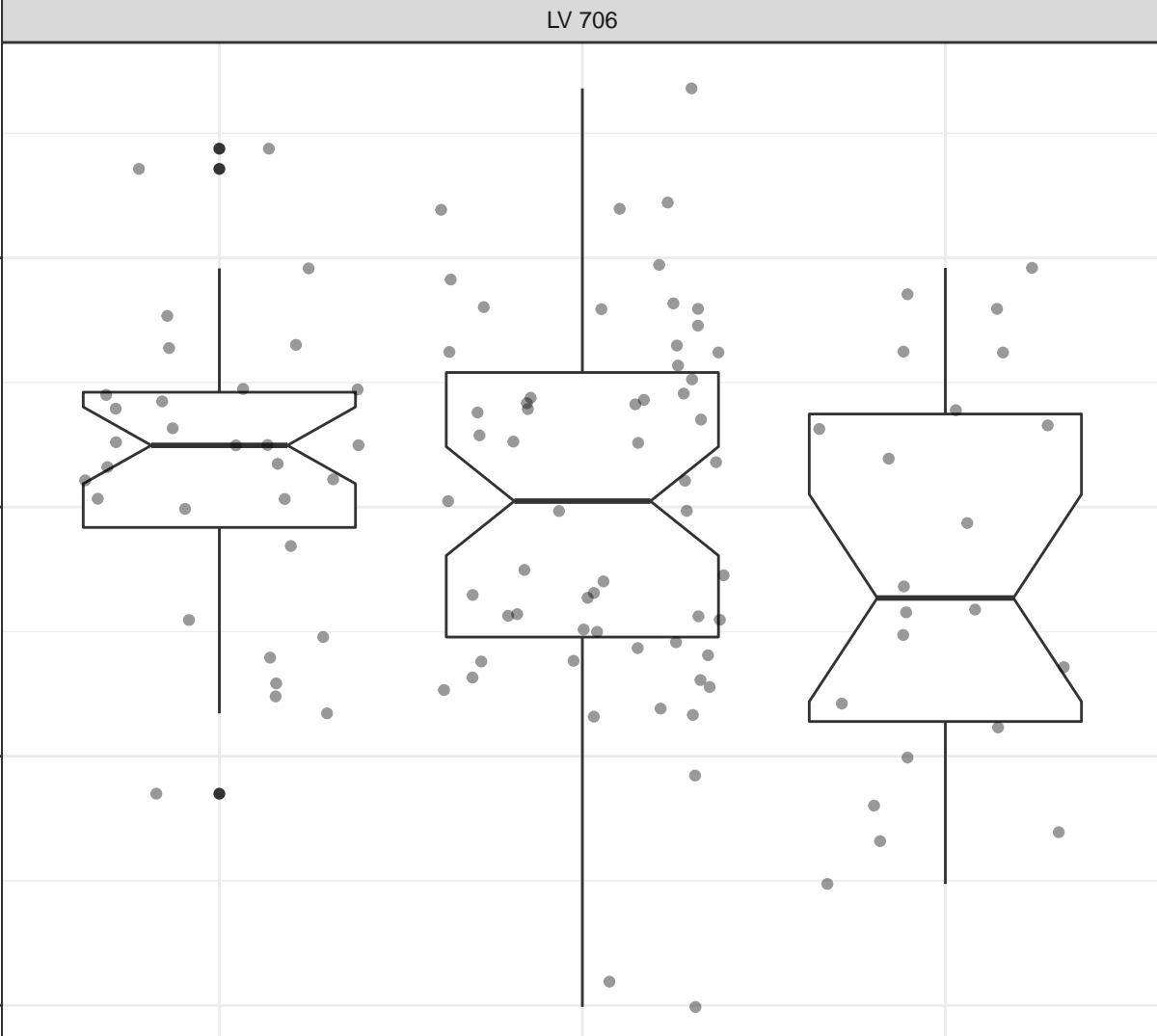
-0.08

Living donor control

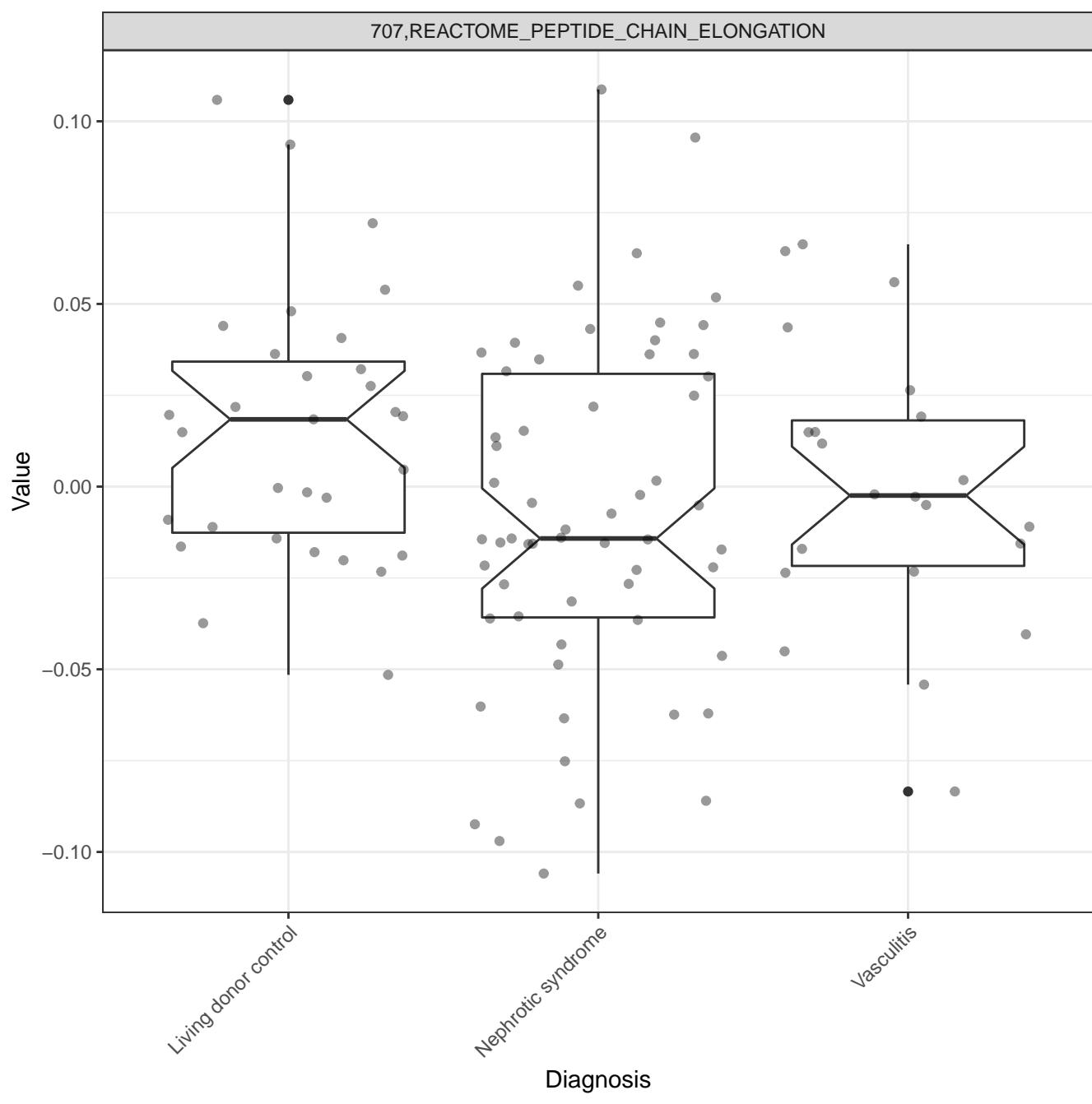
Nephrotic syndrome

Vasculitis

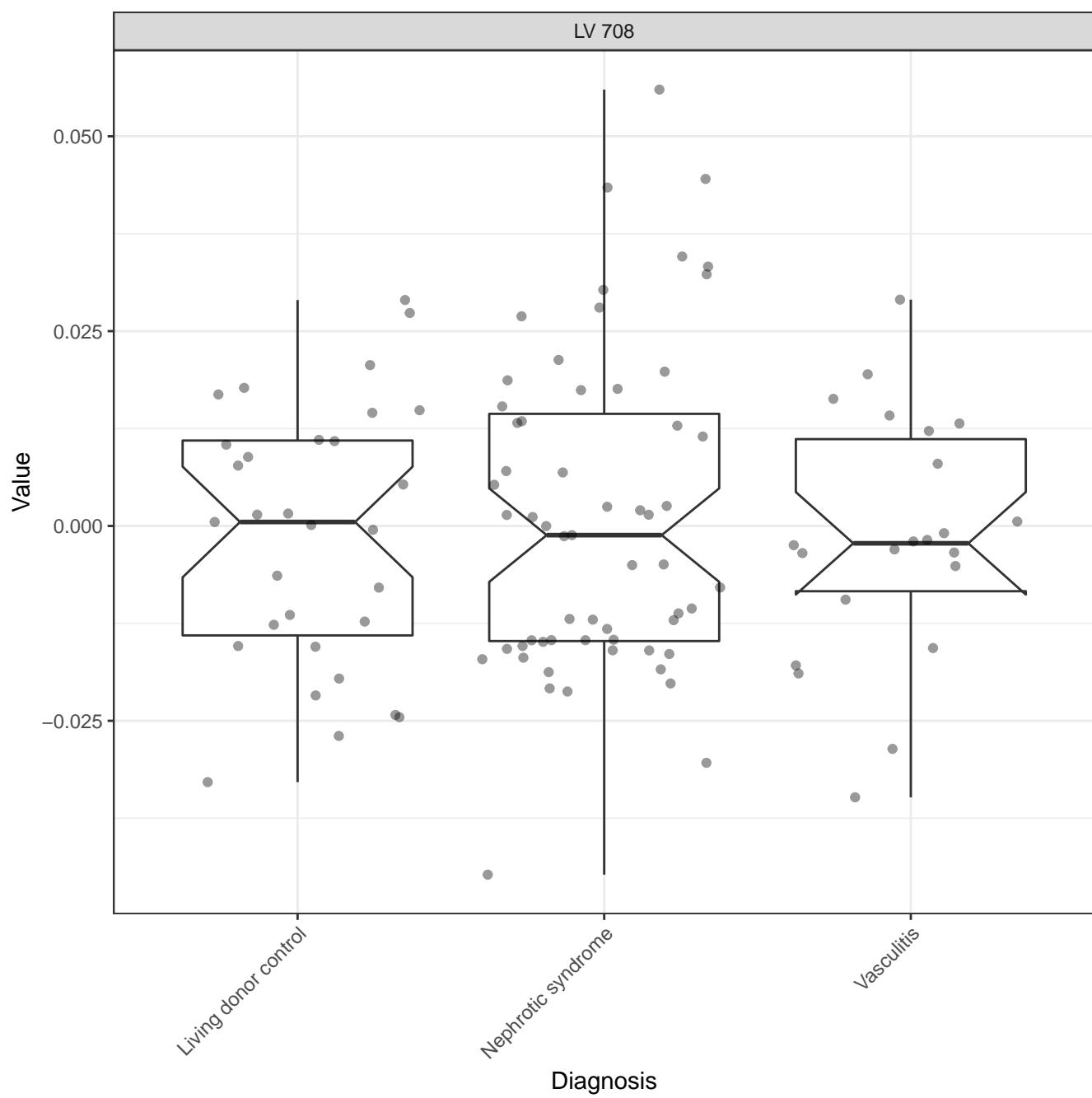
Diagnosis

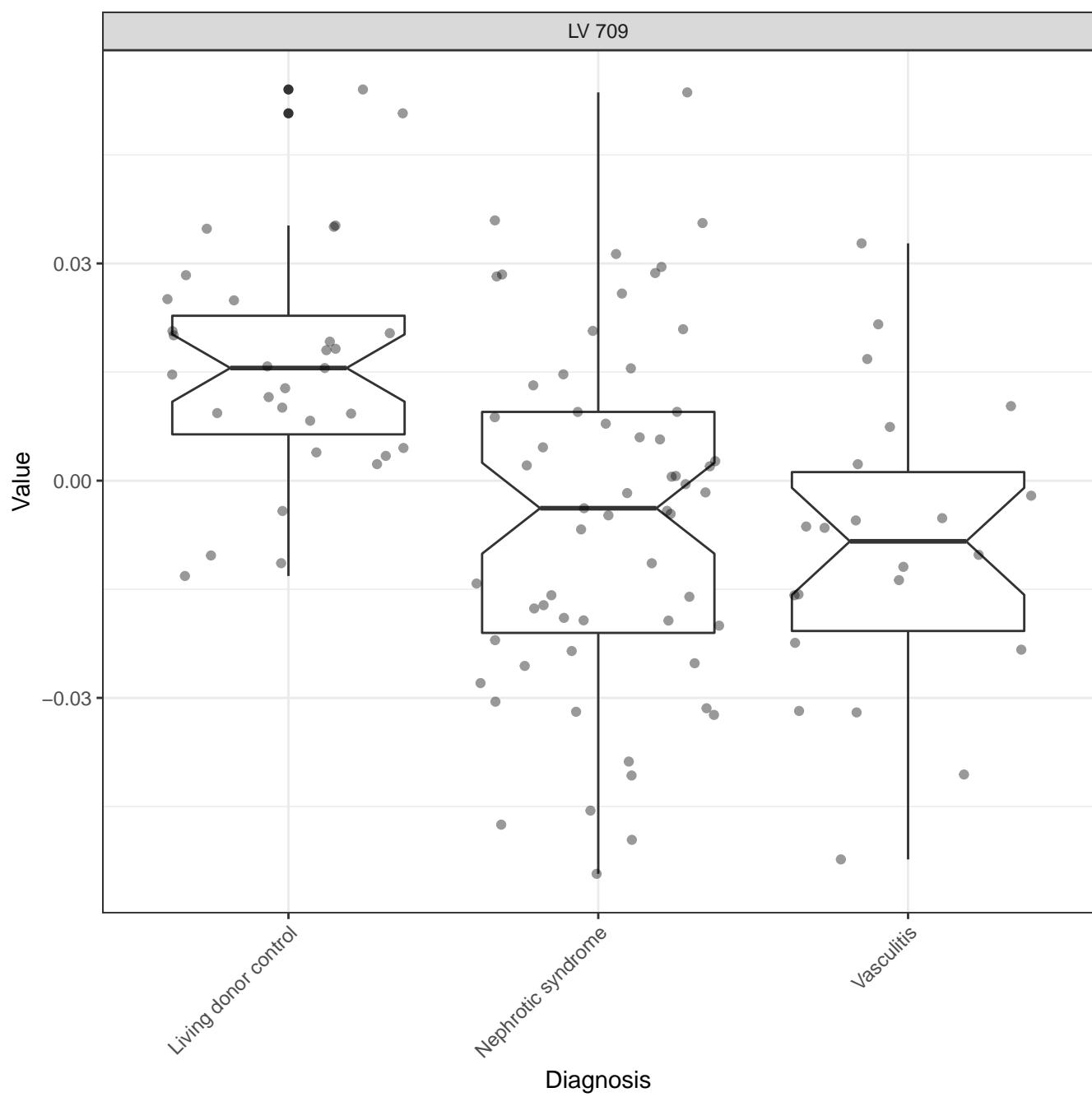


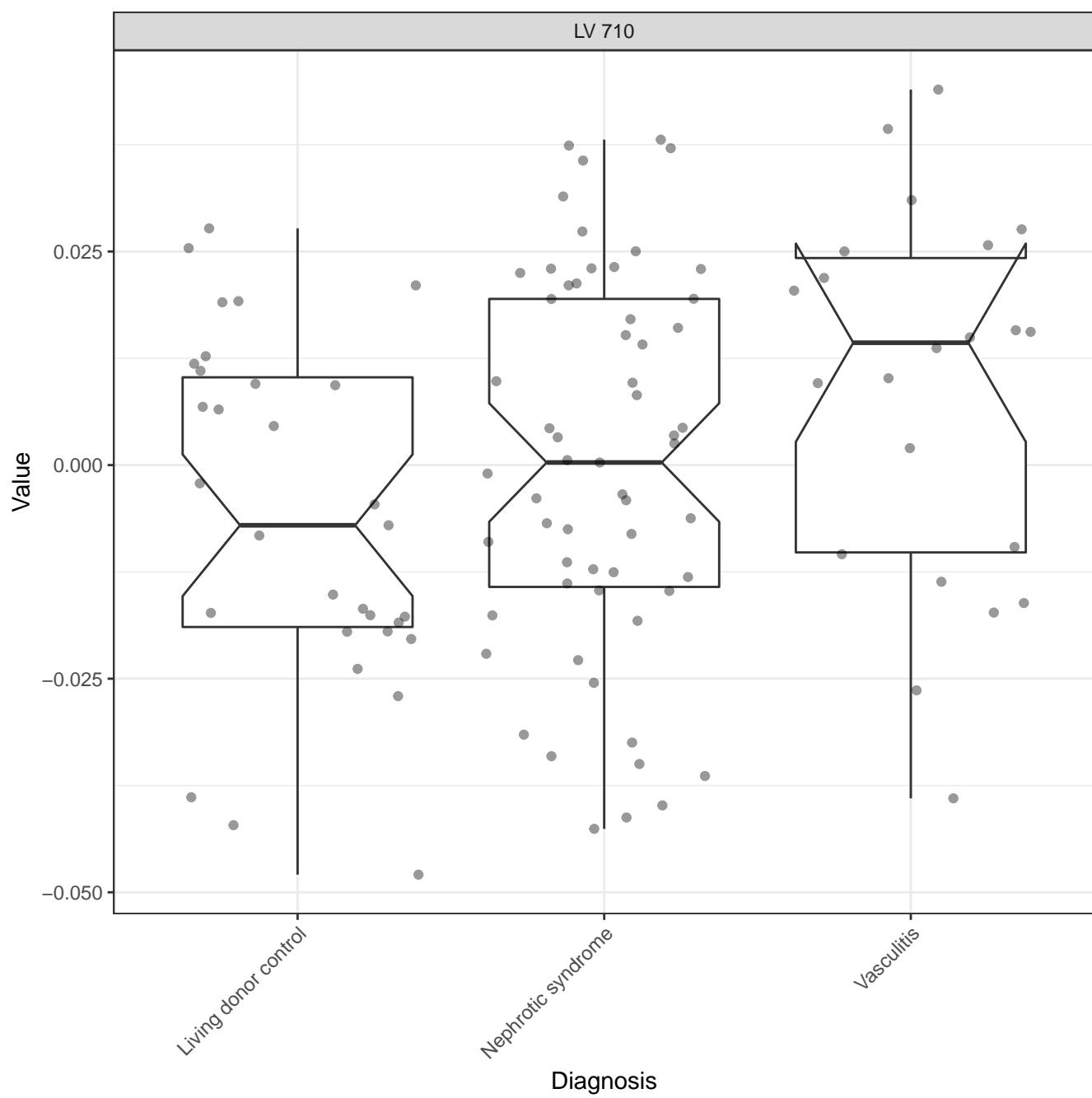
## 707,REACTOME\_PEPTIDE\_CHAIN\_ELONGATION



LV 708







Value

0.05

0.01

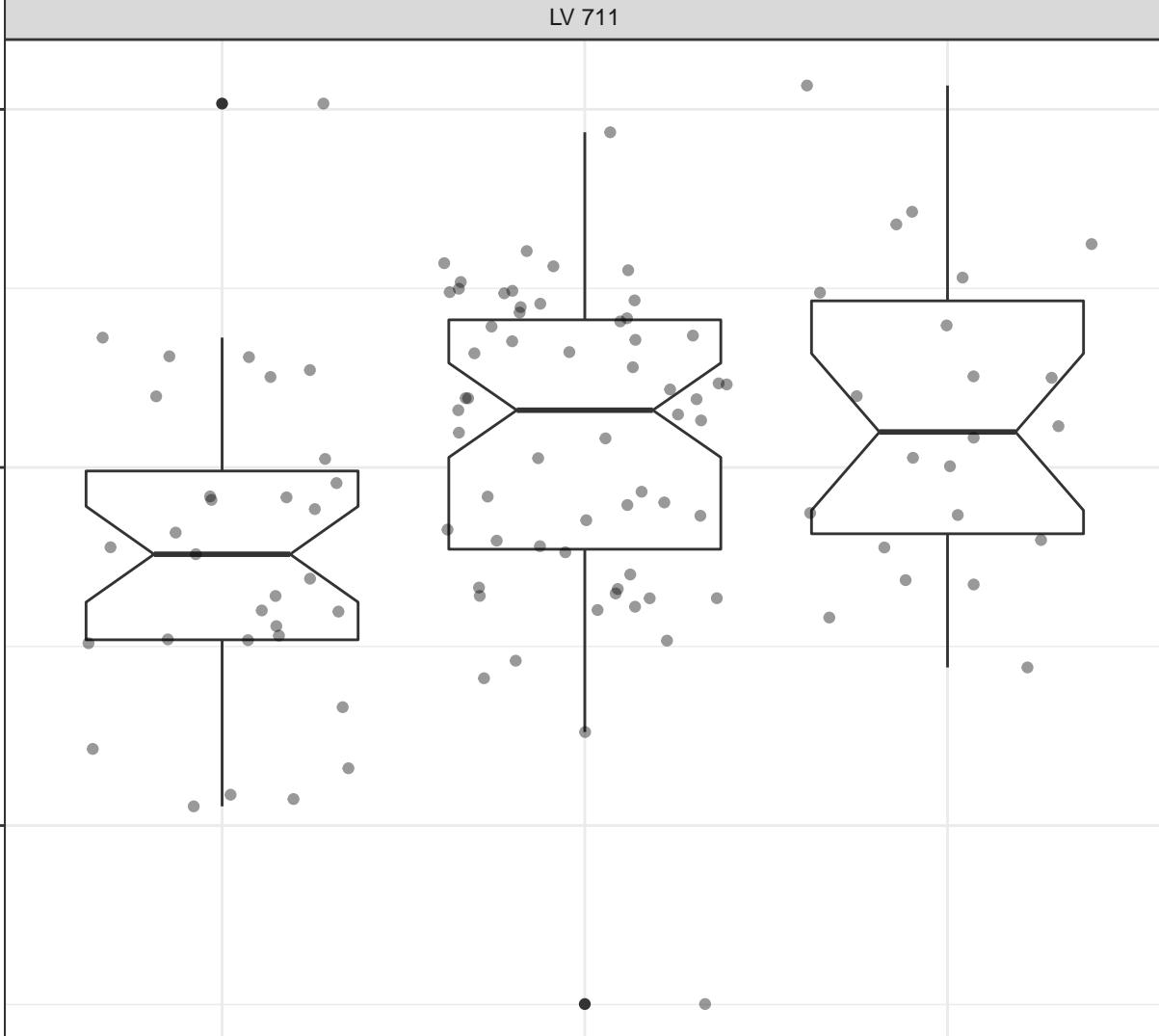
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 712

Value

0.06

0.03

0.01

-0.03

-0.06

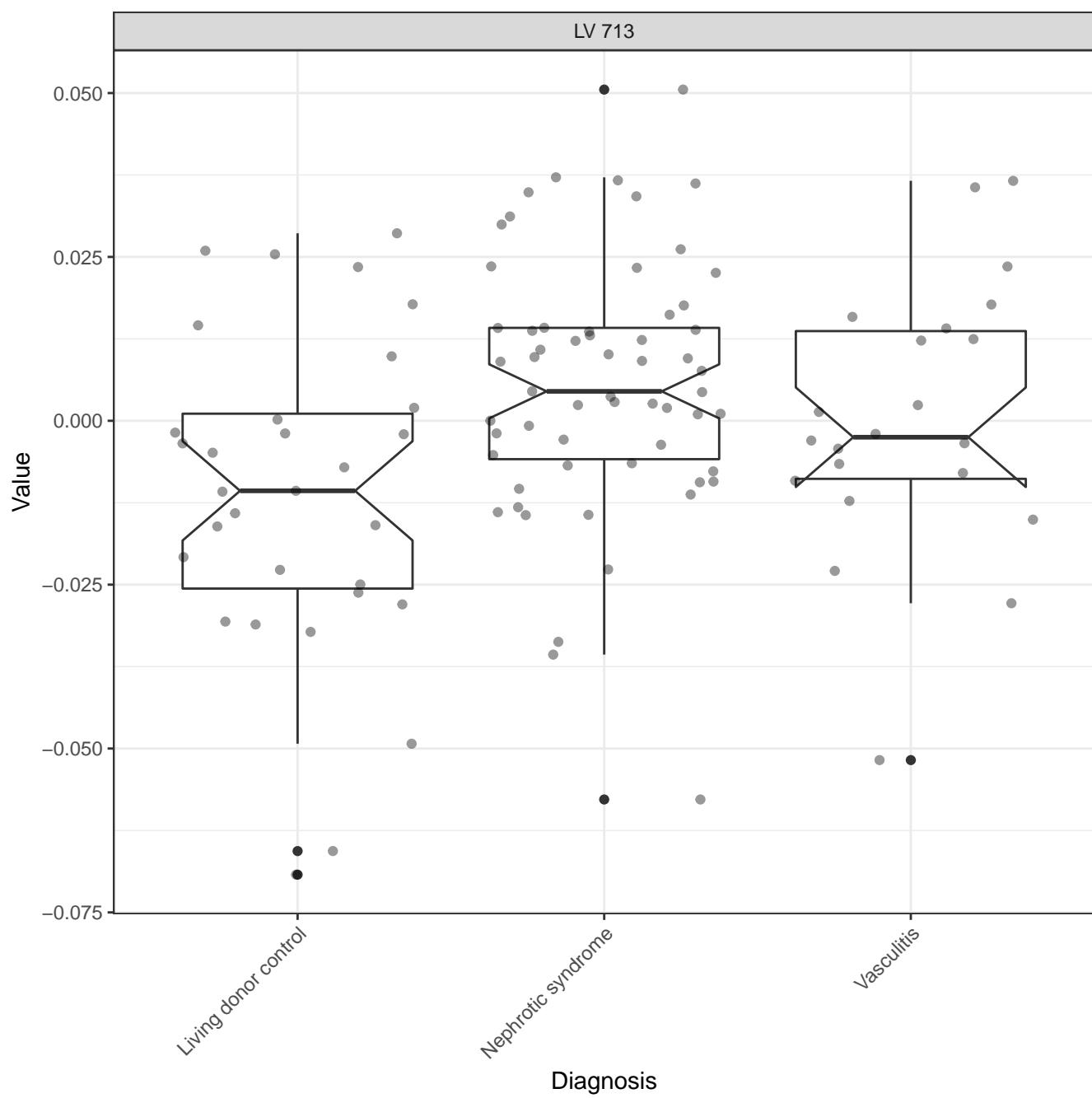
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 713



Value

0.03

0.01

-0.01

-0.03

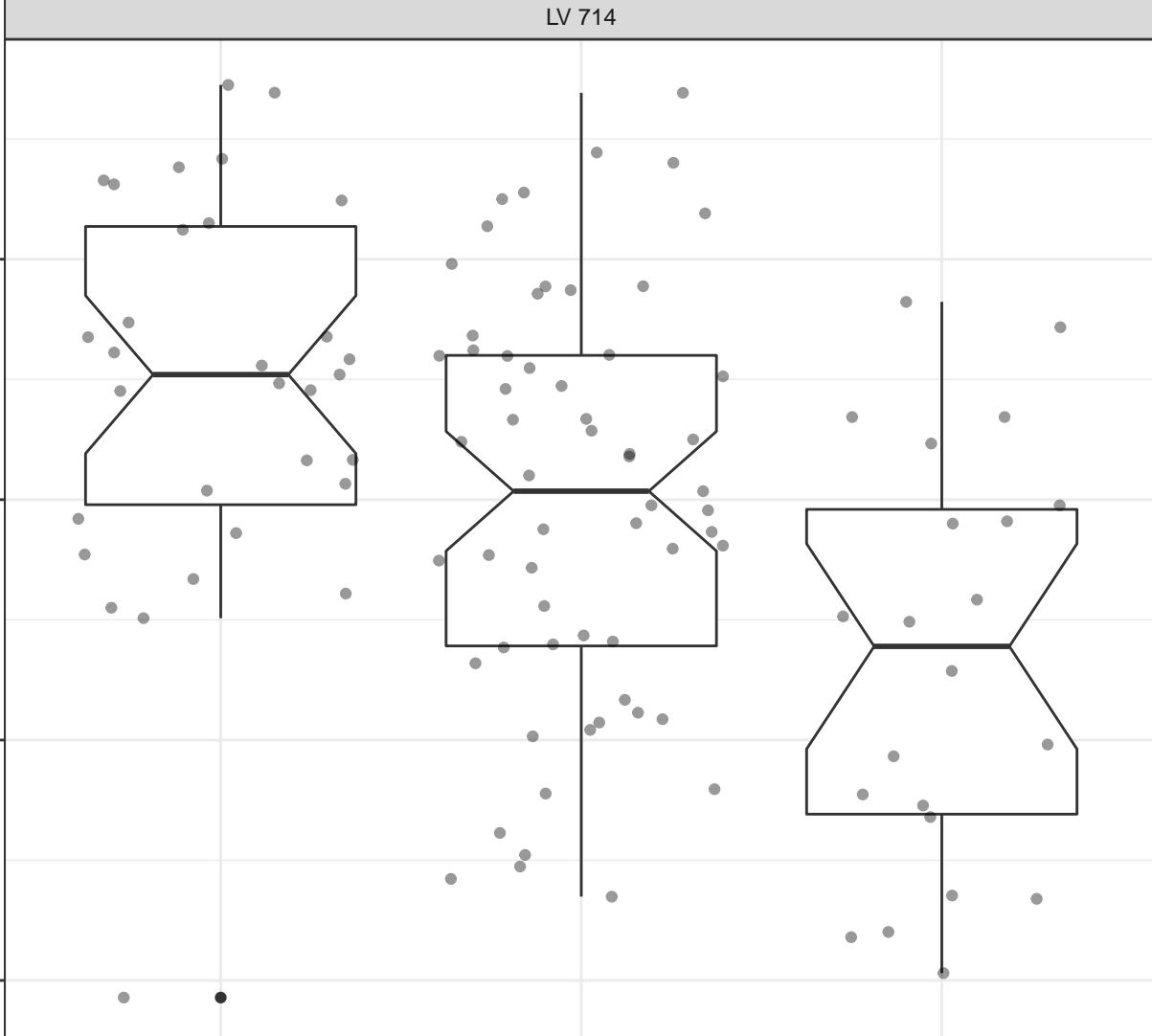
-0.05

Living donor control

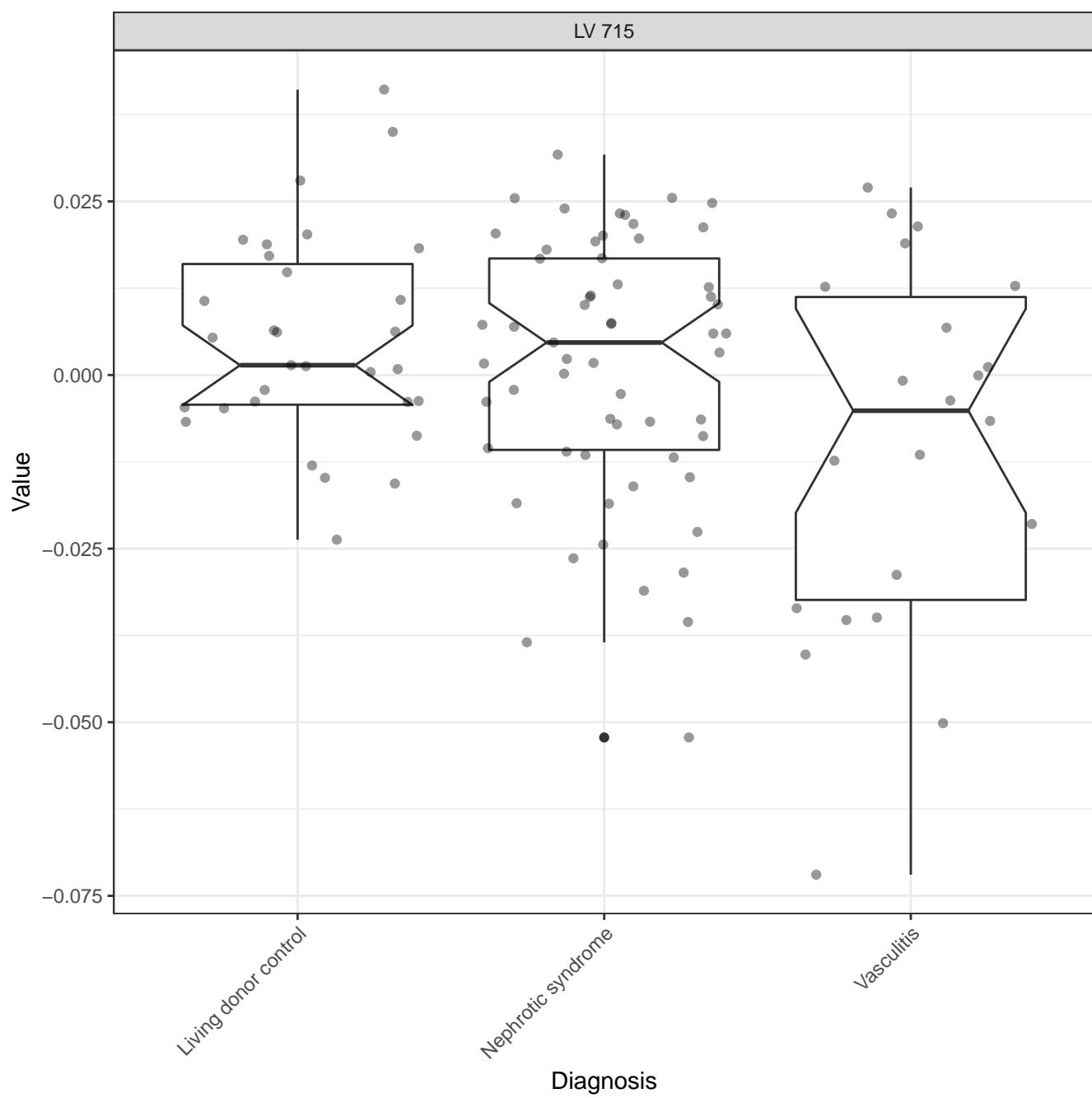
Nephrotic syndrome

Vasculitis

Diagnosis



LV 715



Value

0.04

0.00

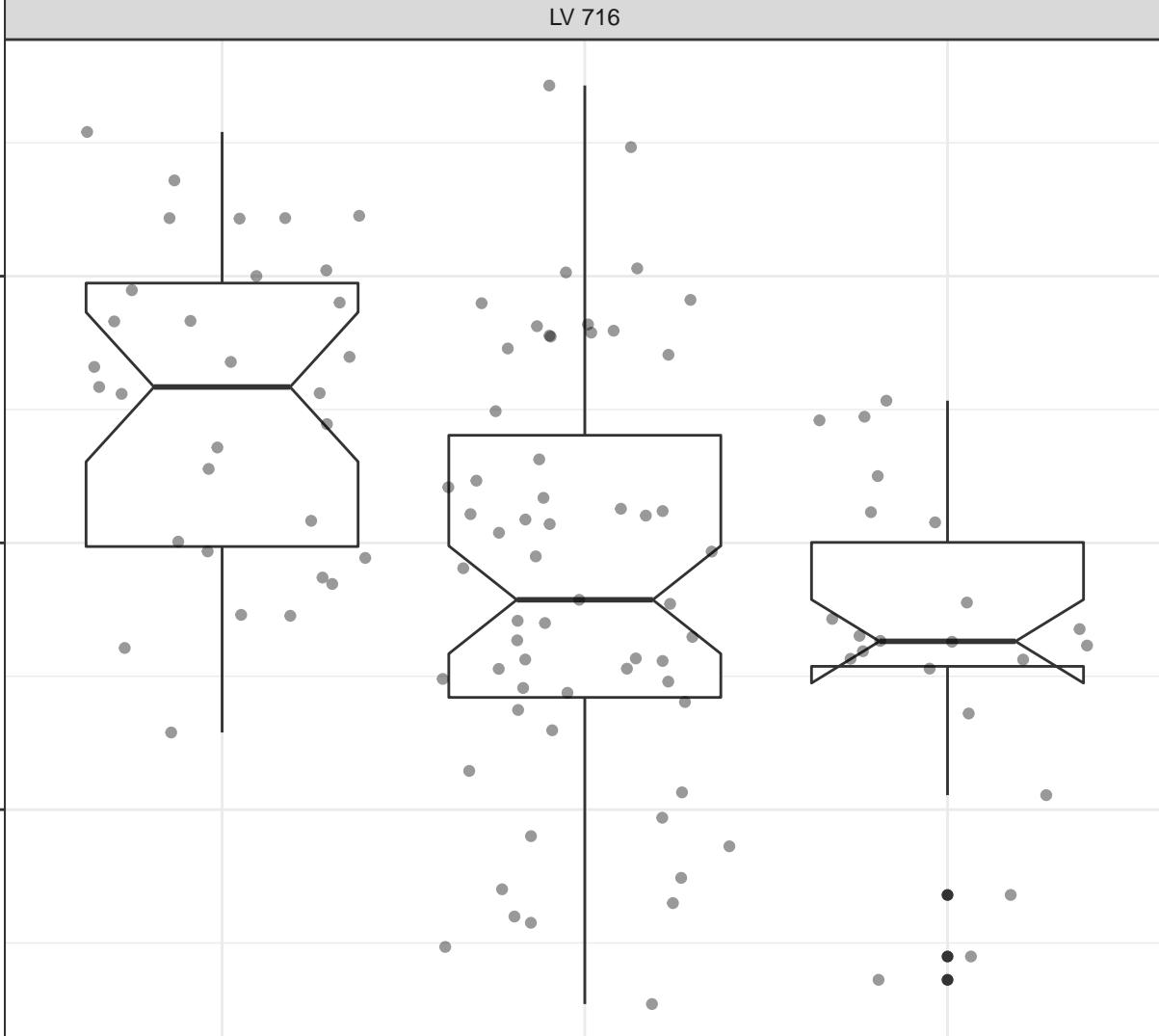
-0.04

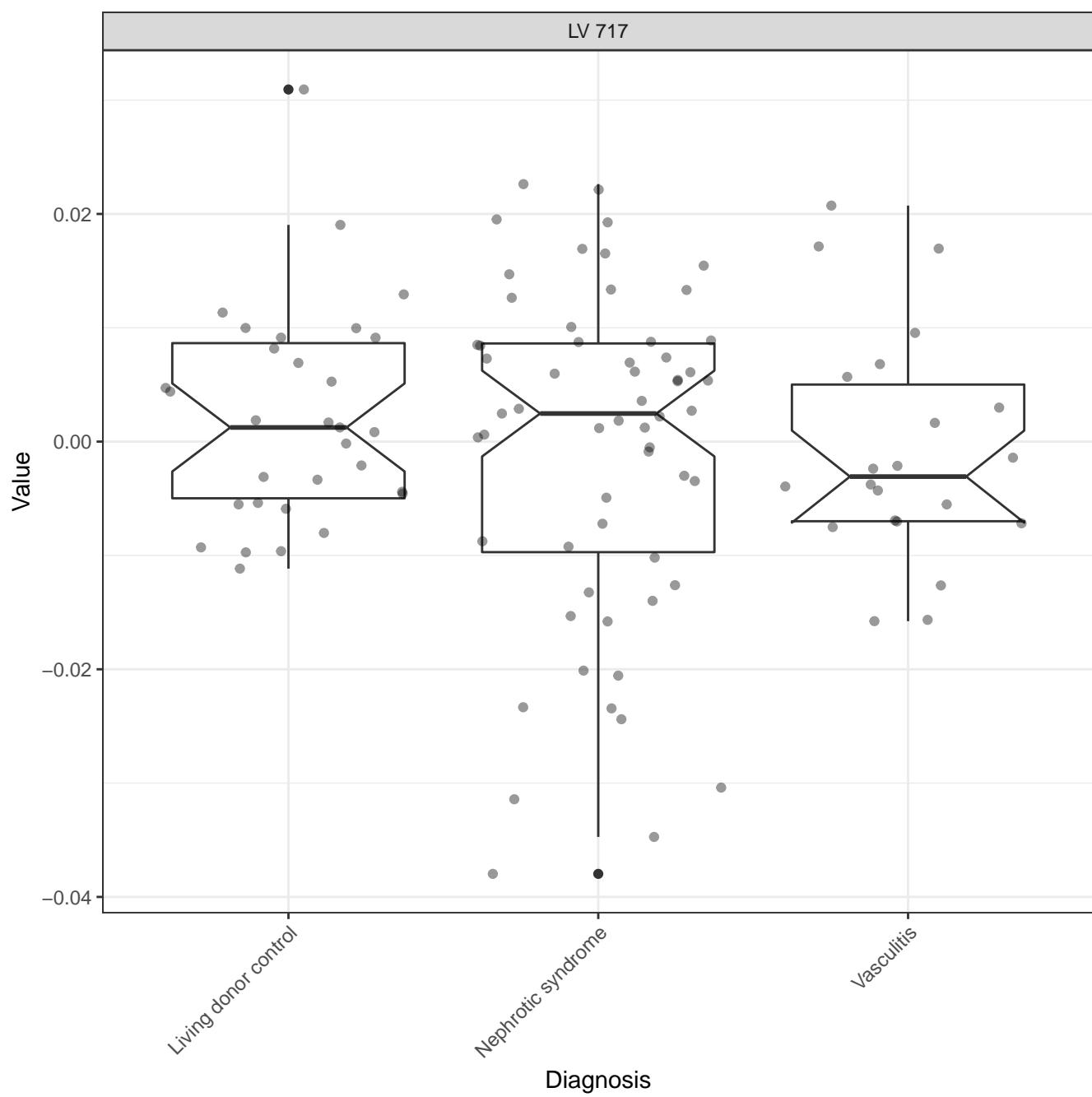
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 718

Value

0.04

0.00

-0.04

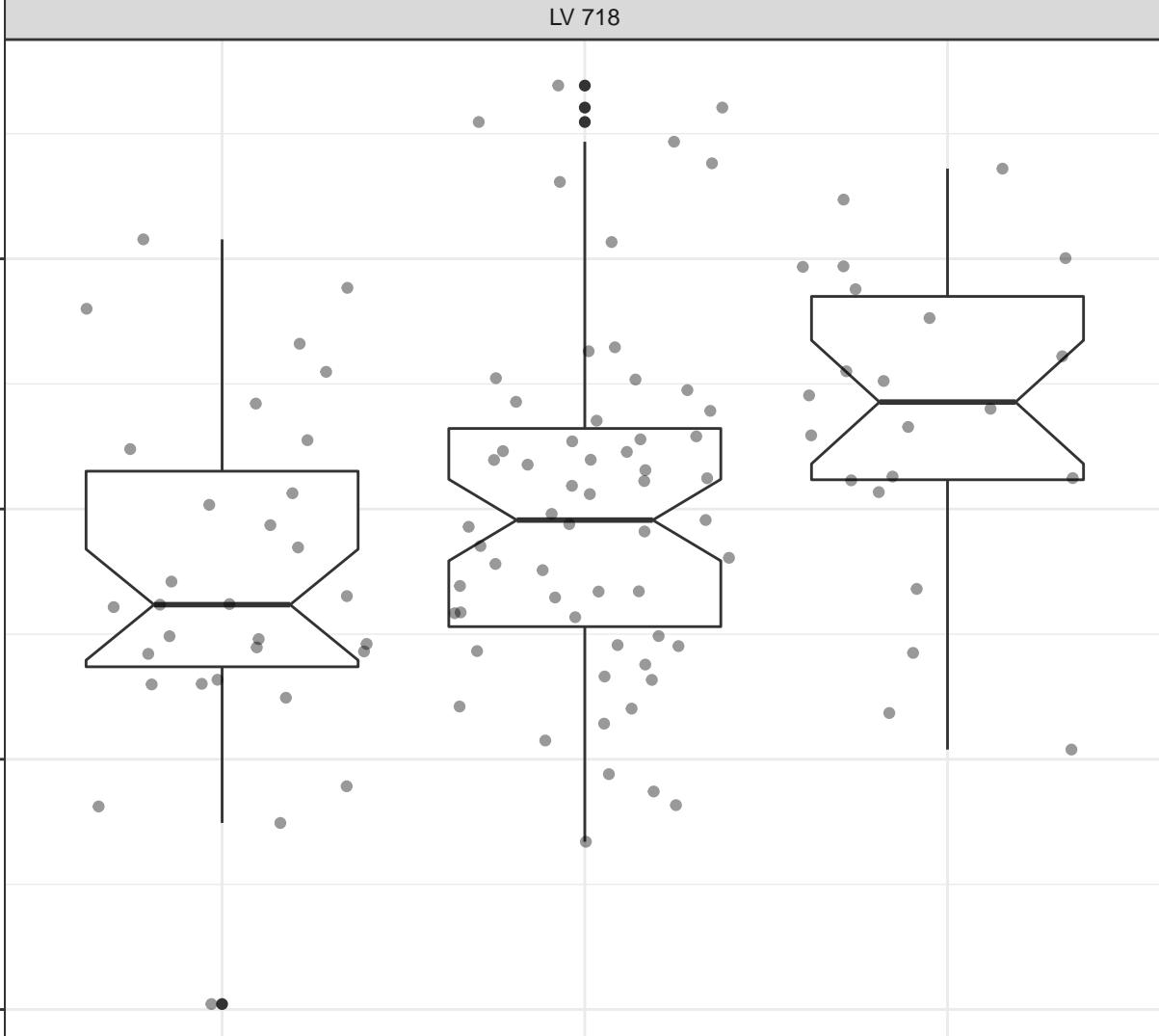
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 719,DMAP\_CMP

Value

0.10

0.05

0.00

-0.05

-0.10

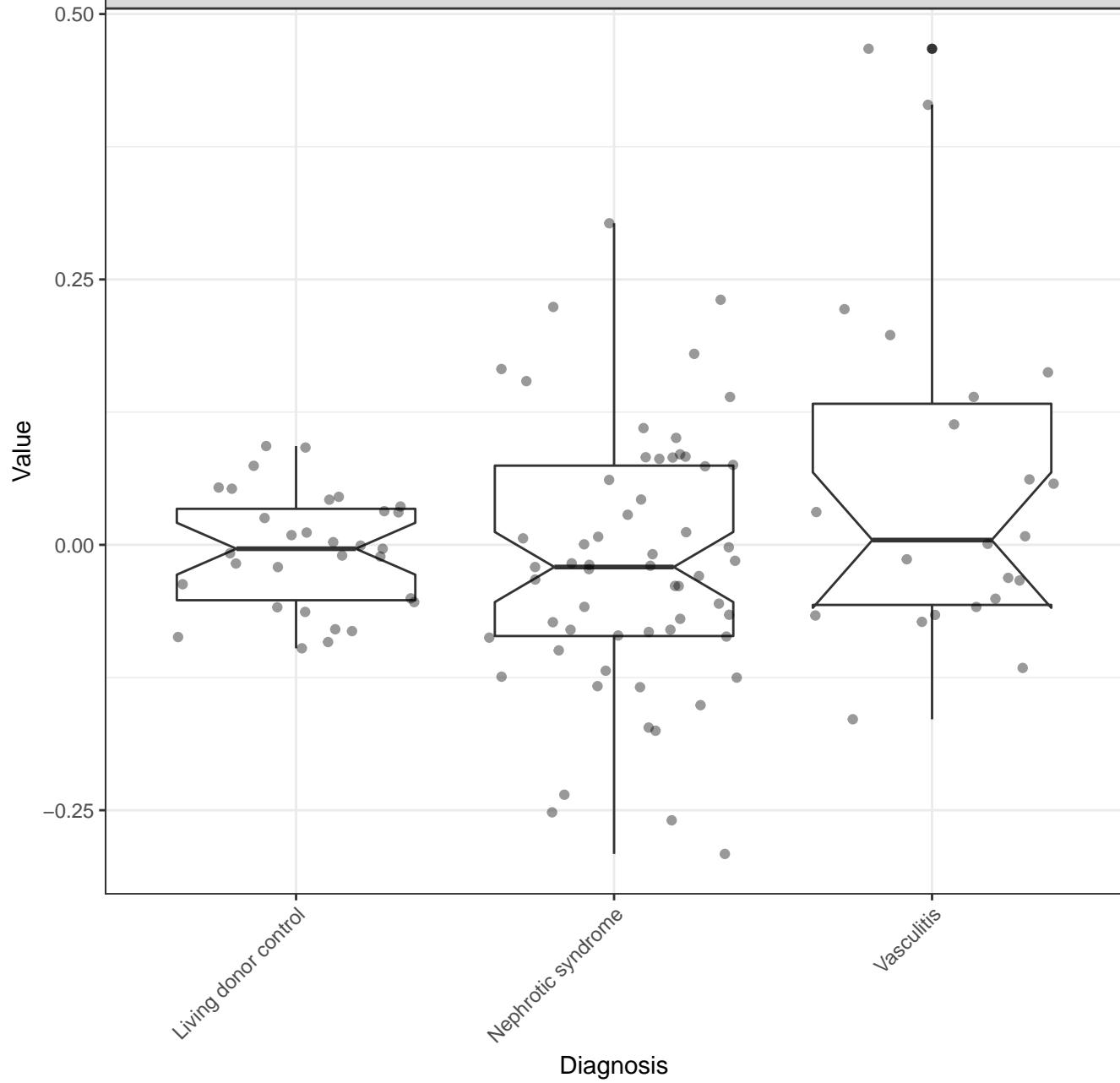
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

## 720,PID\_FANCONI\_PATHWAY



Value

0.10

0.05

0.00

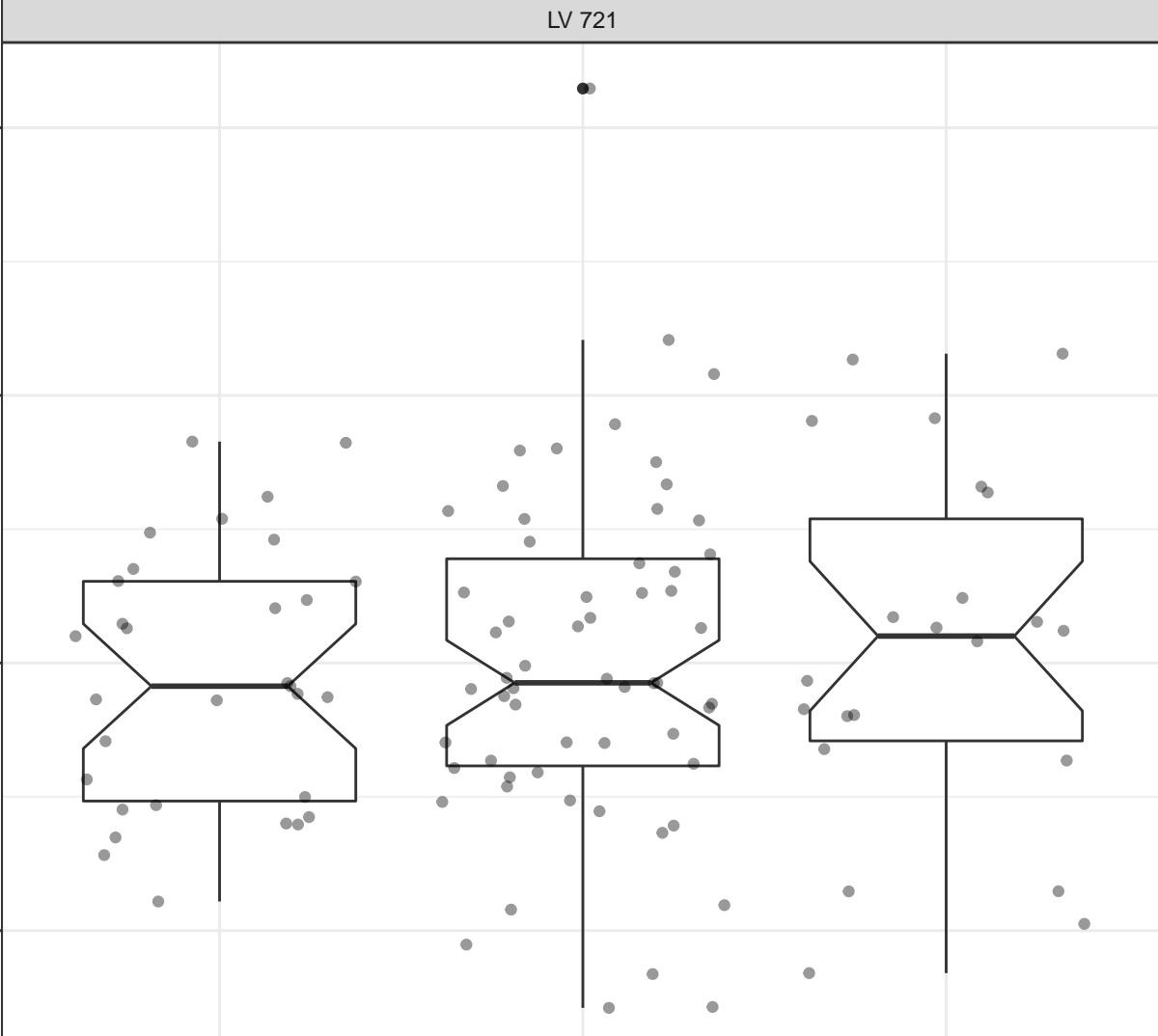
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

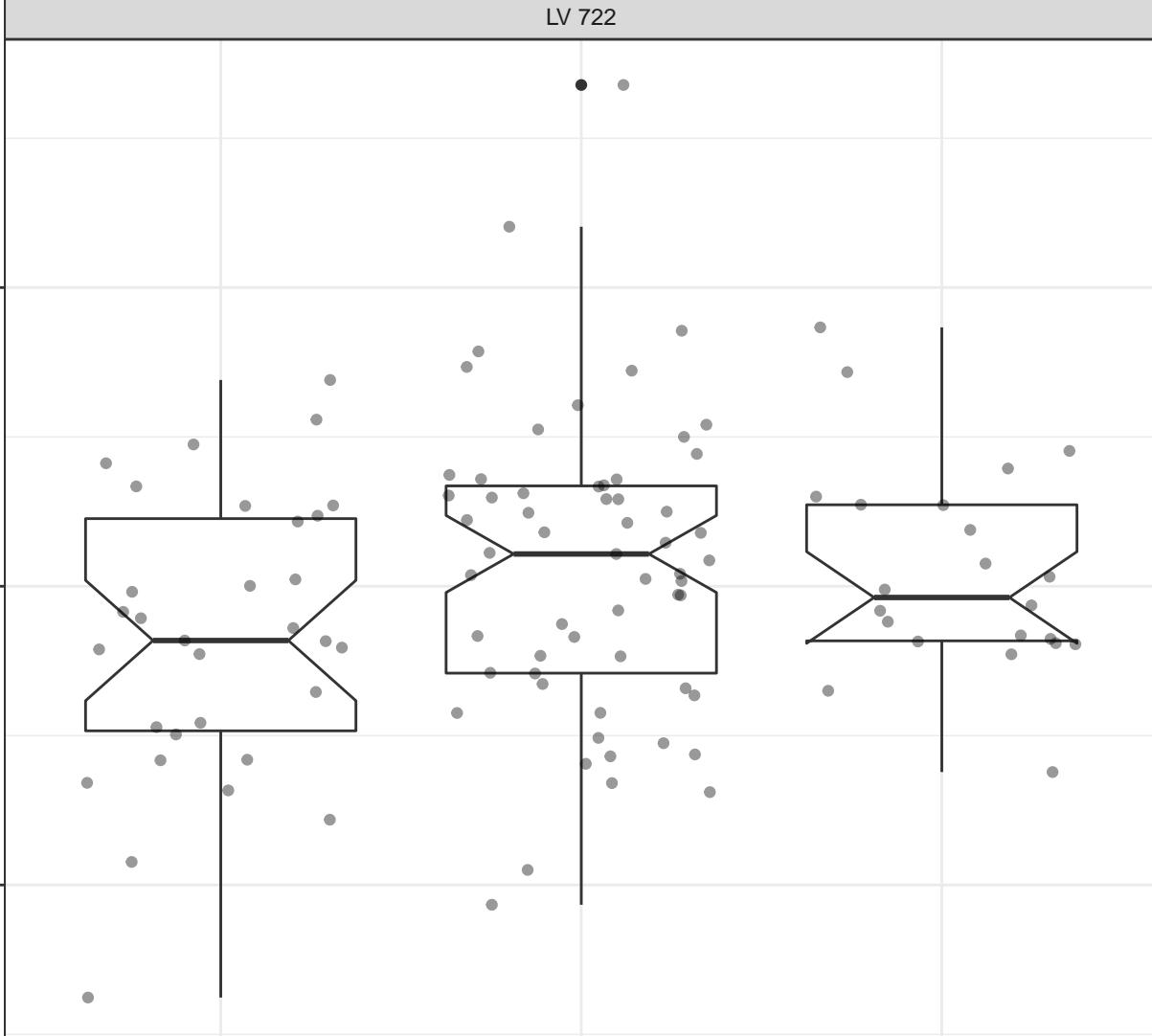
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

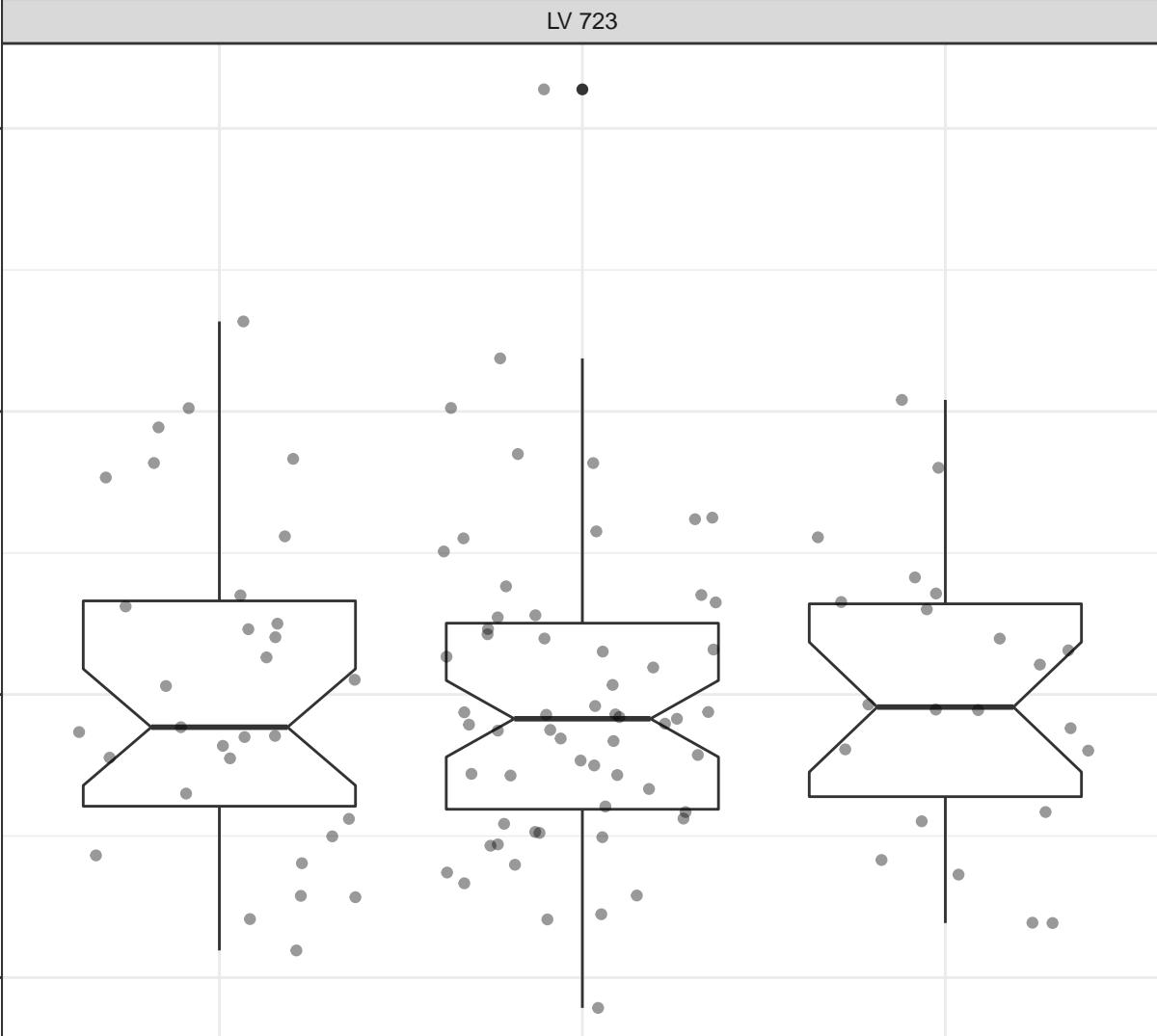
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-

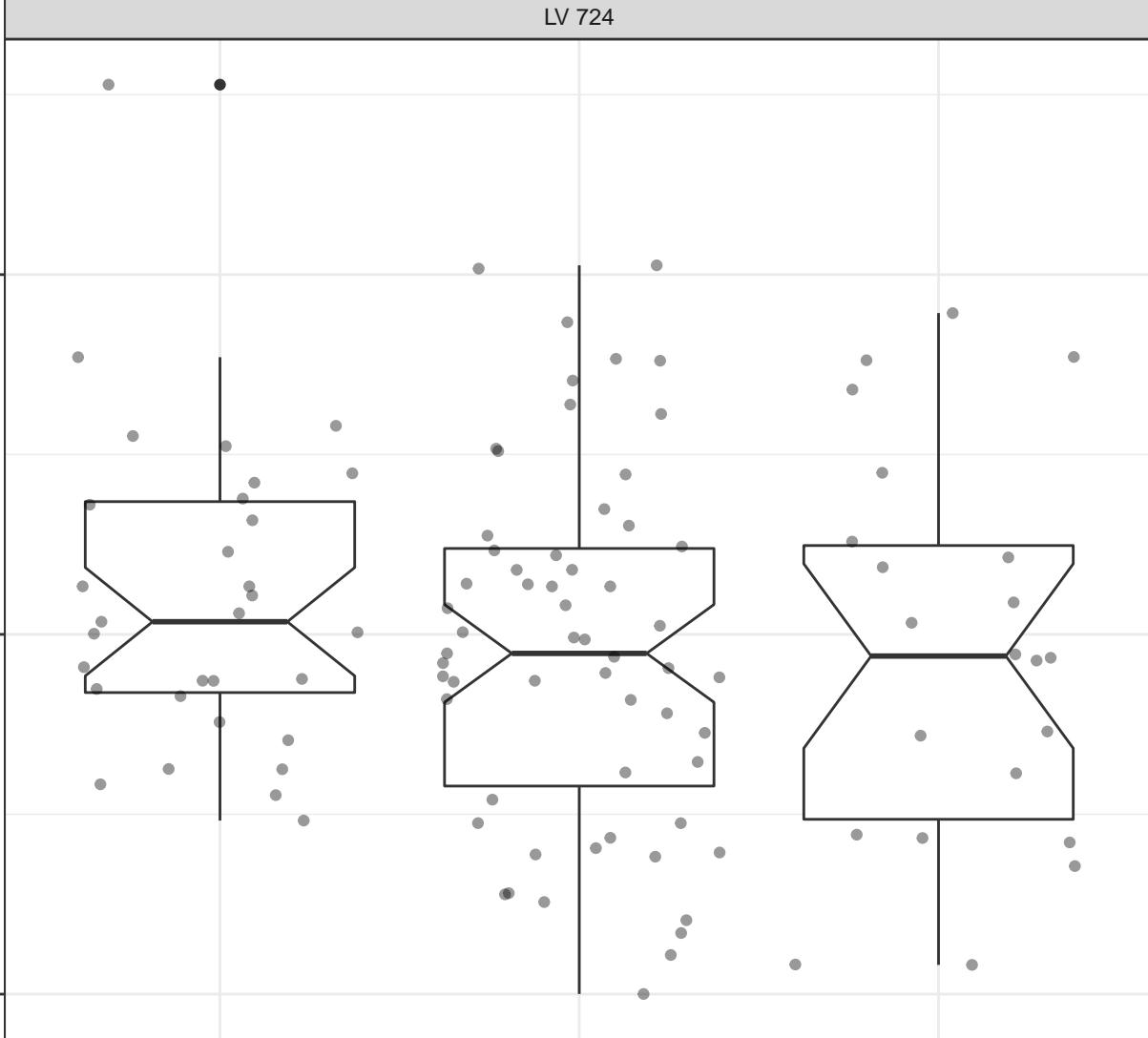
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

-0.05

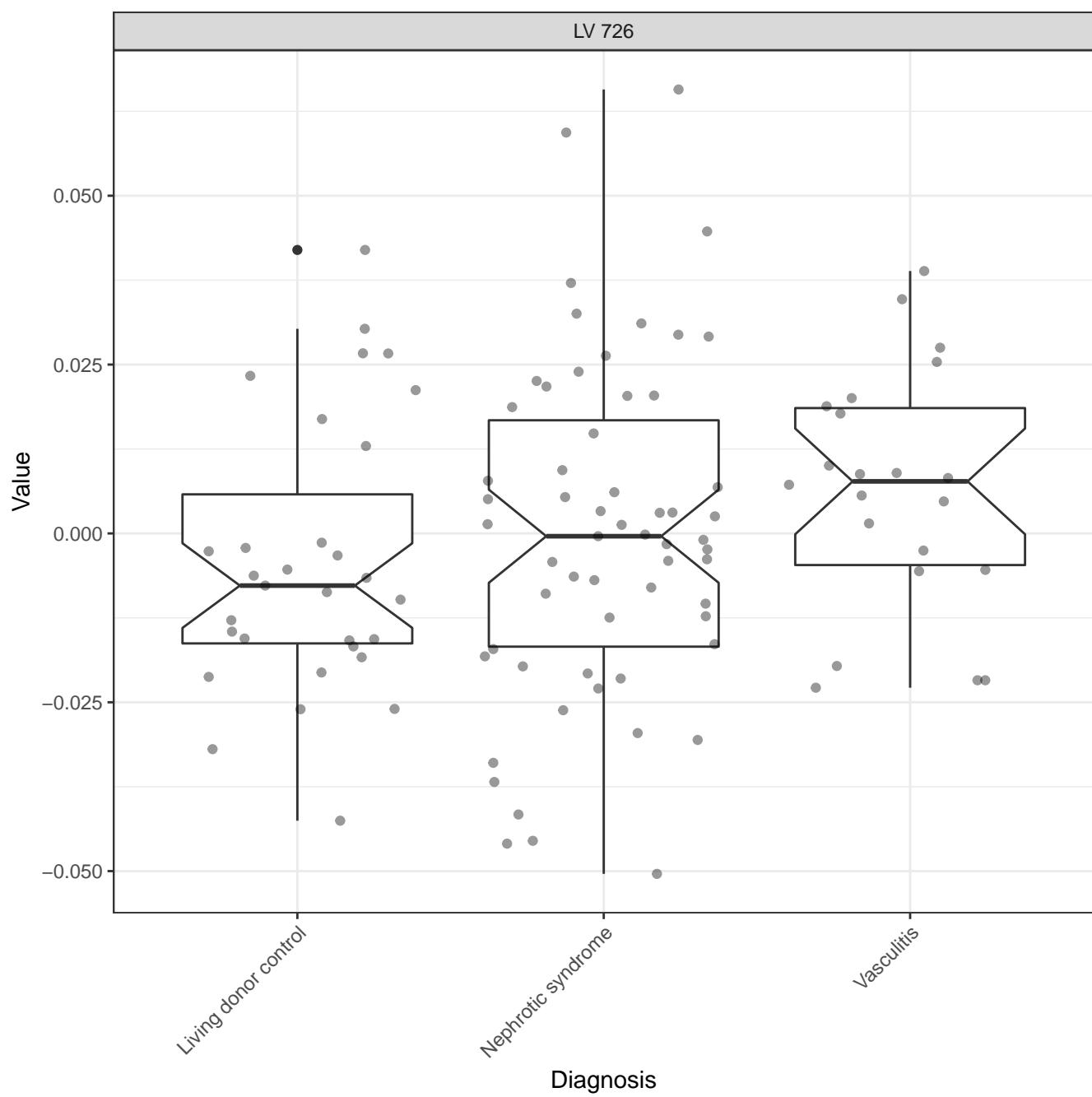
Living donor control

Nephrotic syndrome

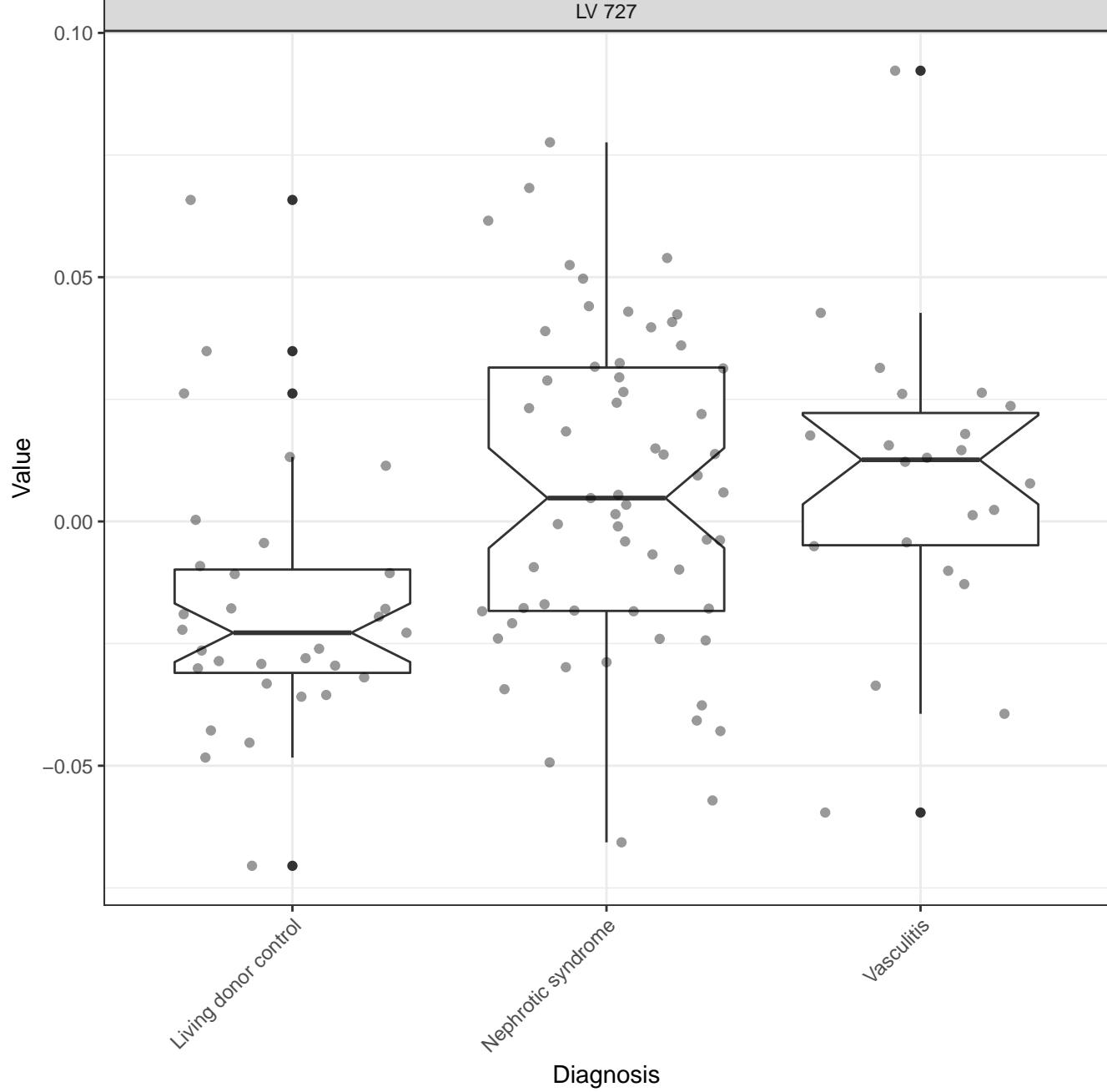
Vasculitis

Diagnosis

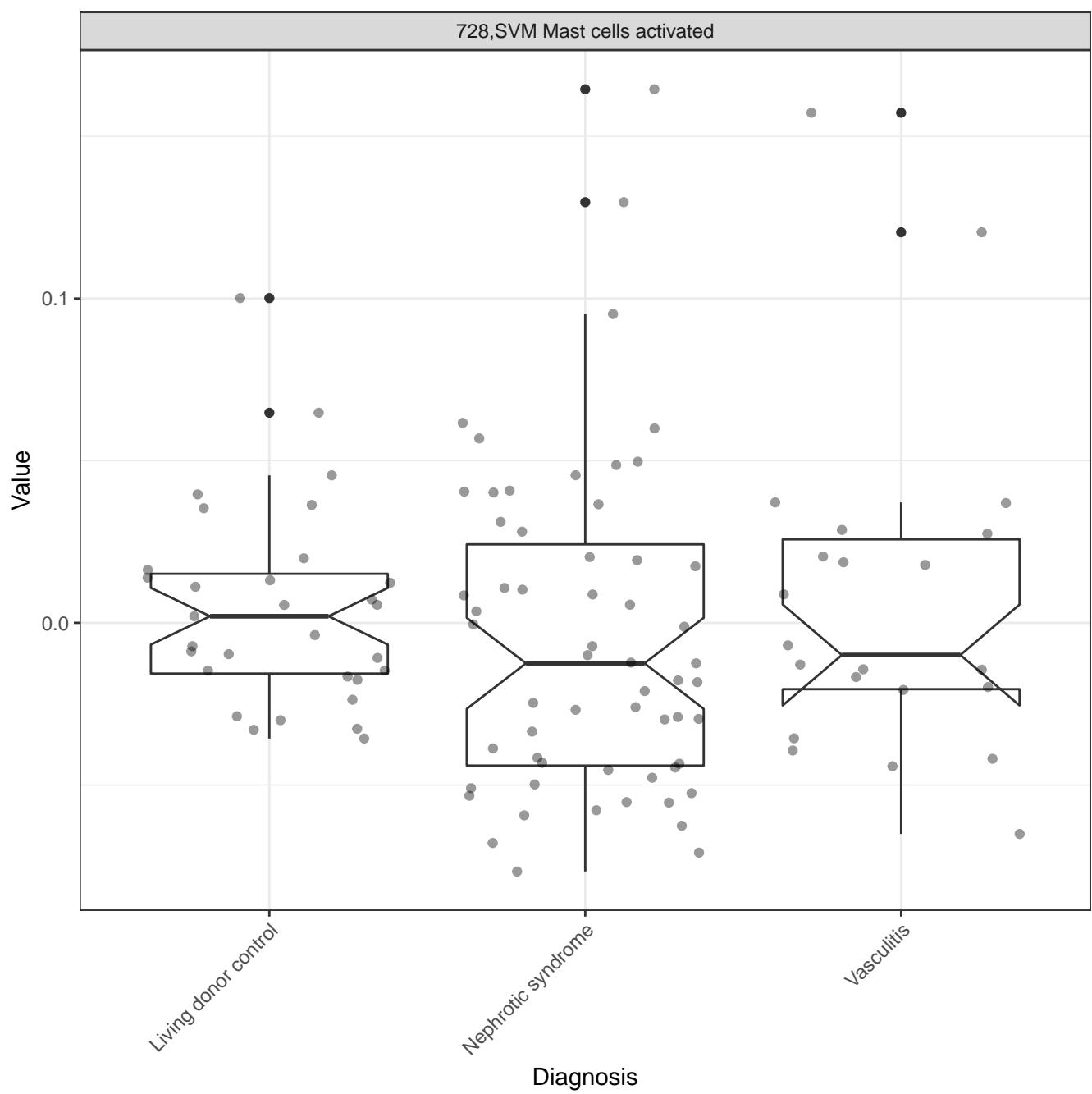
LV 726

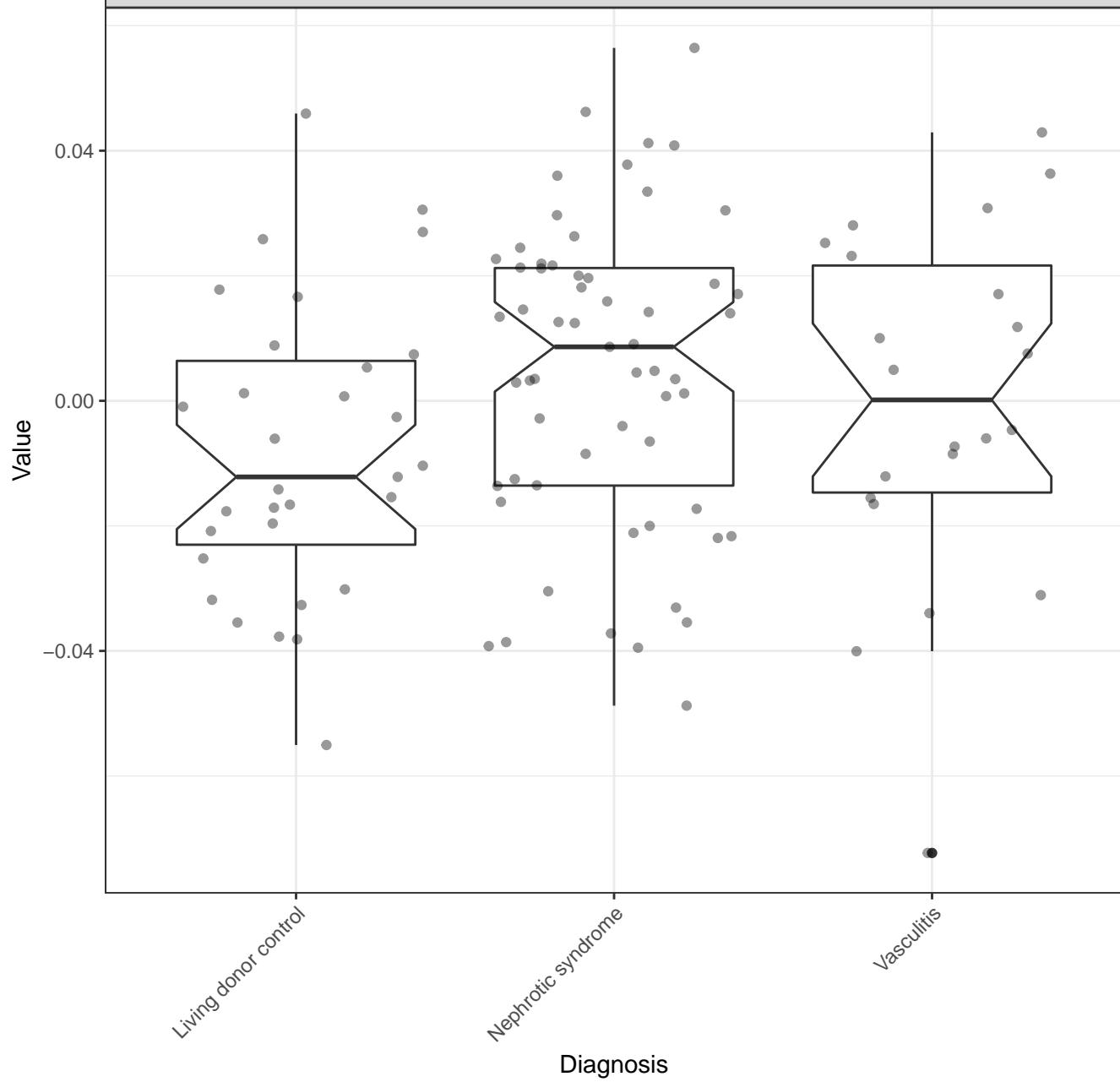


LV 727



# 728,SVM Mast cells activated





## 730,DMAP\_MEGA2

Value

0.10

0.05

0.00

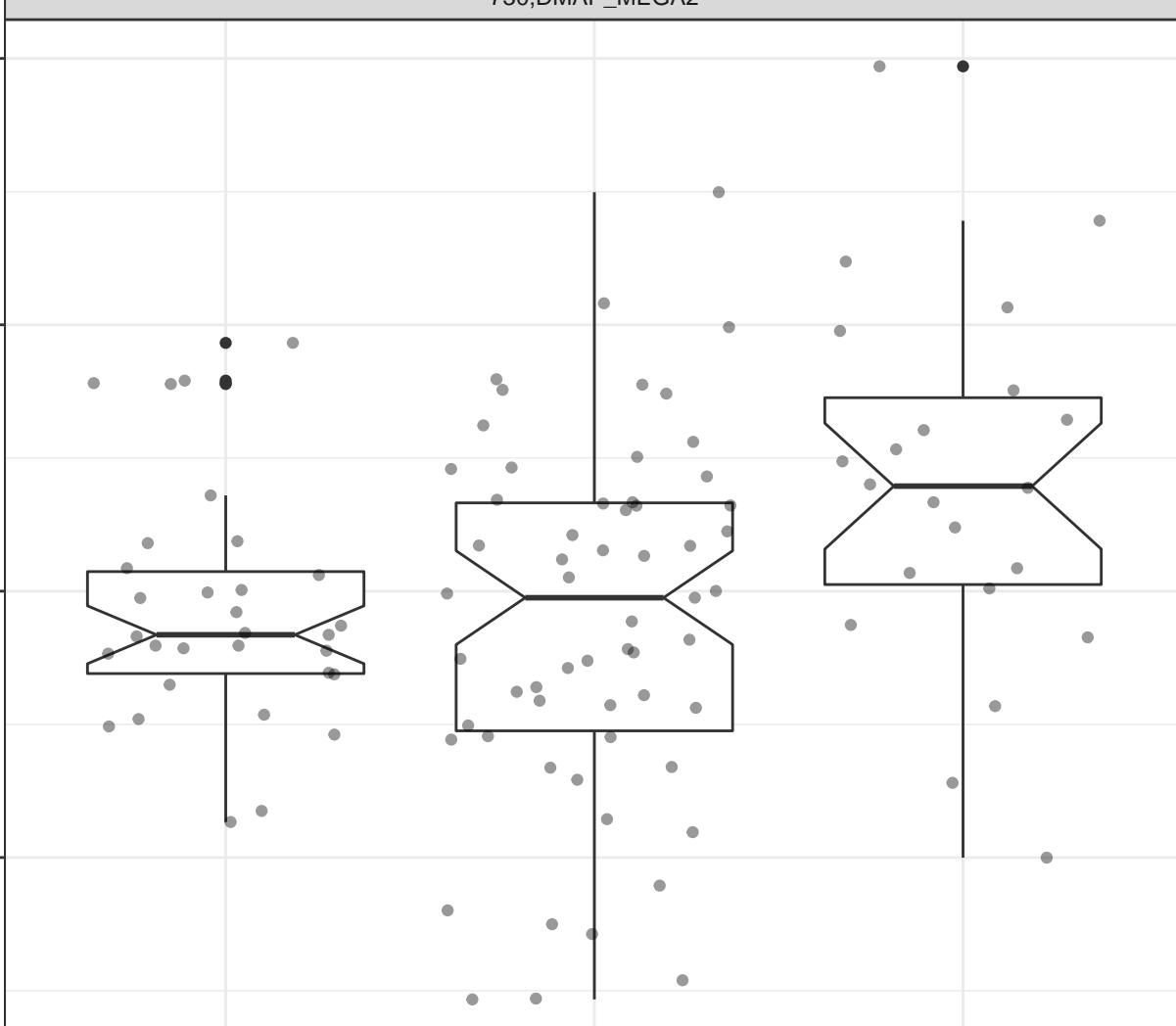
-0.05

Living donor control

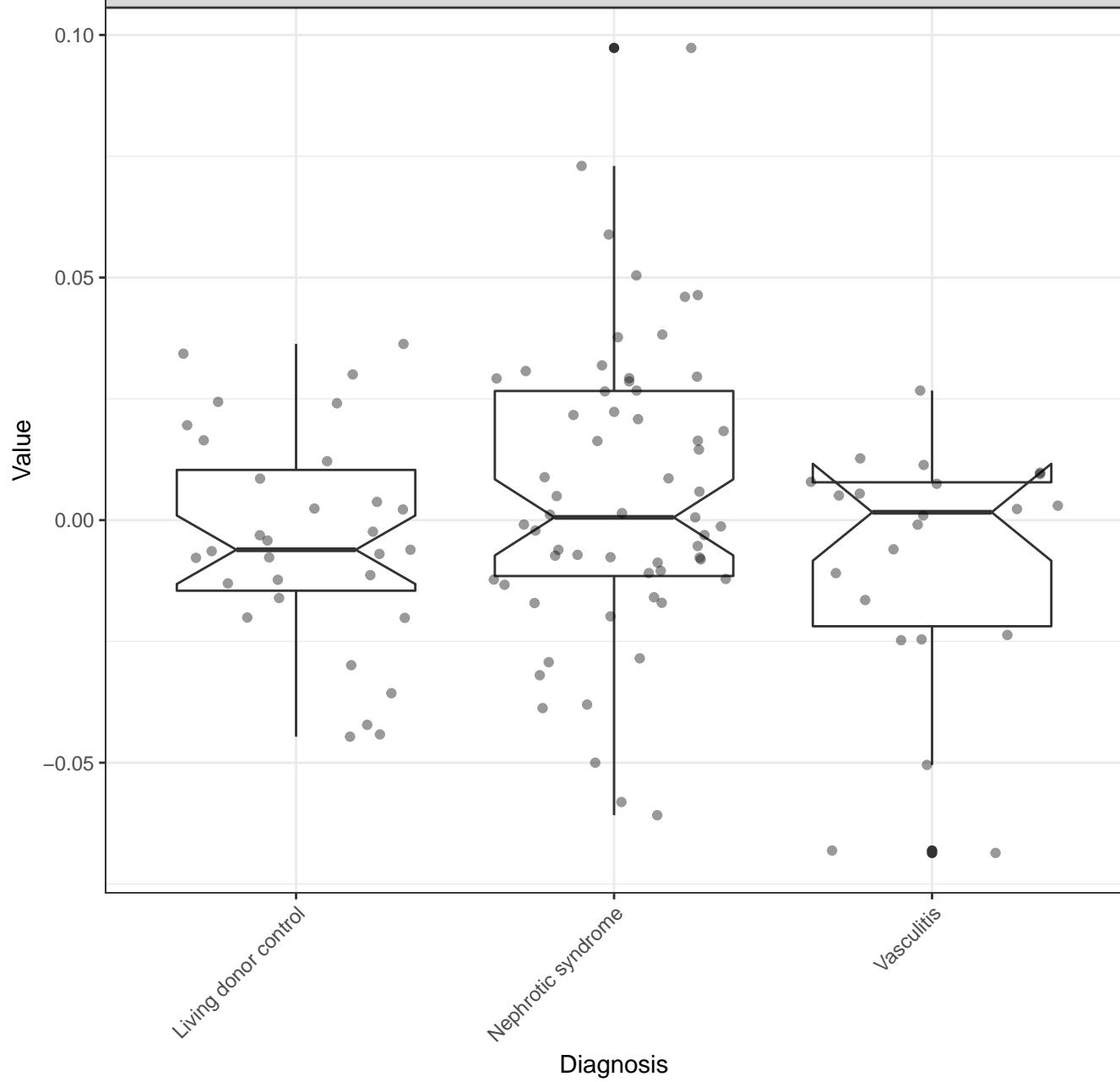
Nephrotic syndrome

Vasculitis

Diagnosis



LV 731



LV 732

Value

0.04

0.02

0.00

-0.02

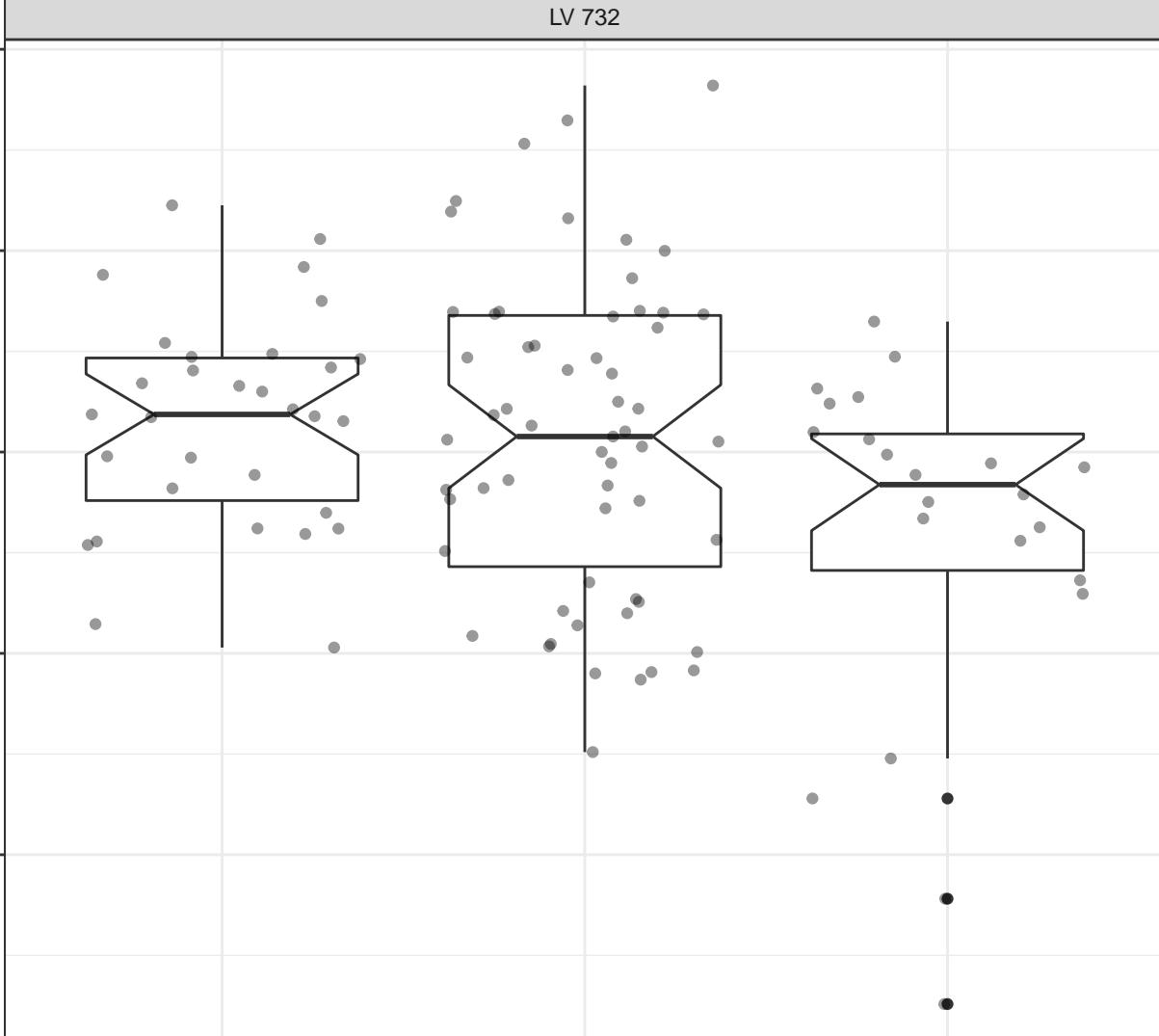
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

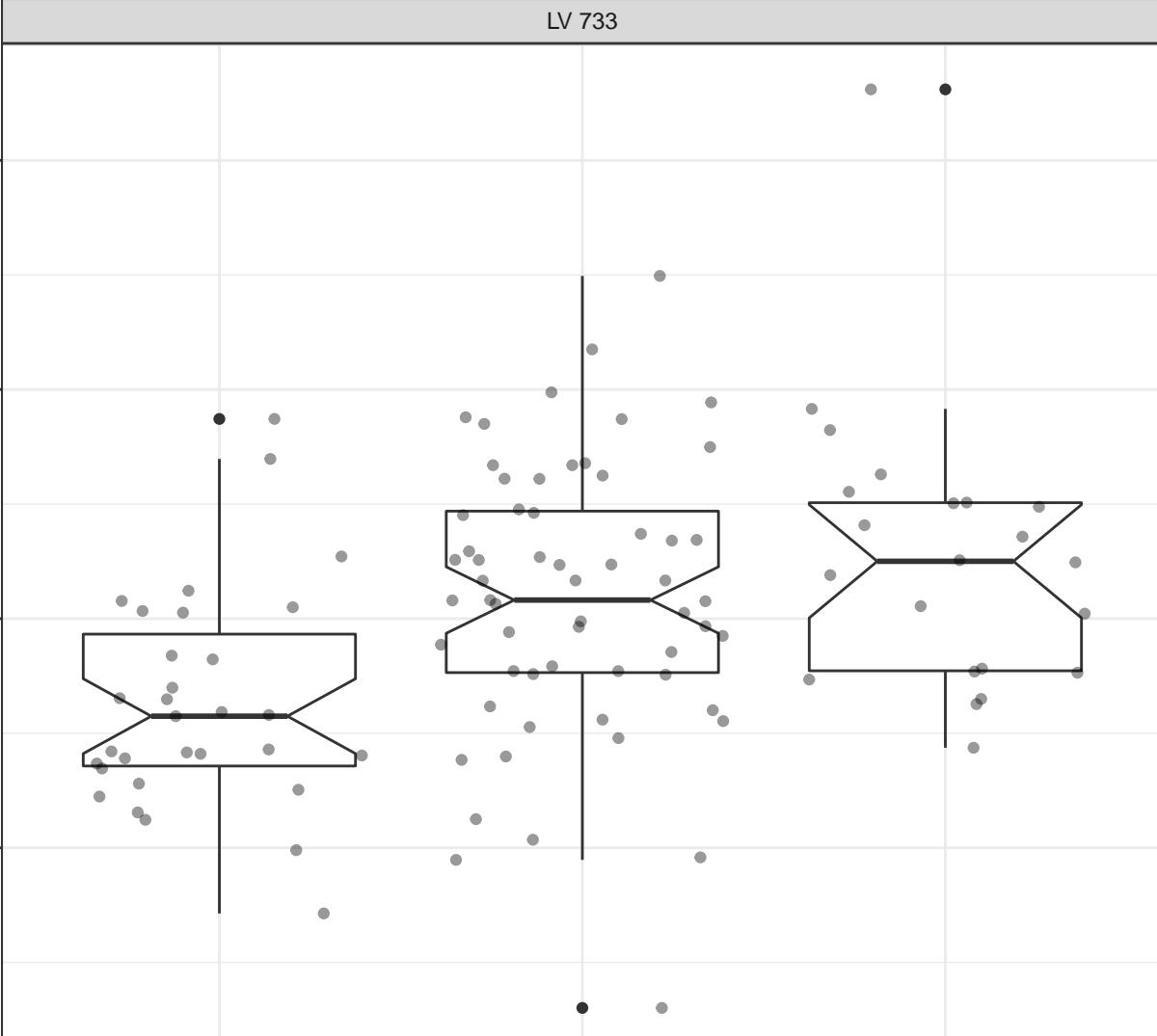
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 734

Value

0.05

0.00

-0.05

-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

## 735,REACTOME\_GENERIC\_TRANSSCRIPTION\_PATHWAY

Value

0.05

0.00

-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.05

0.00

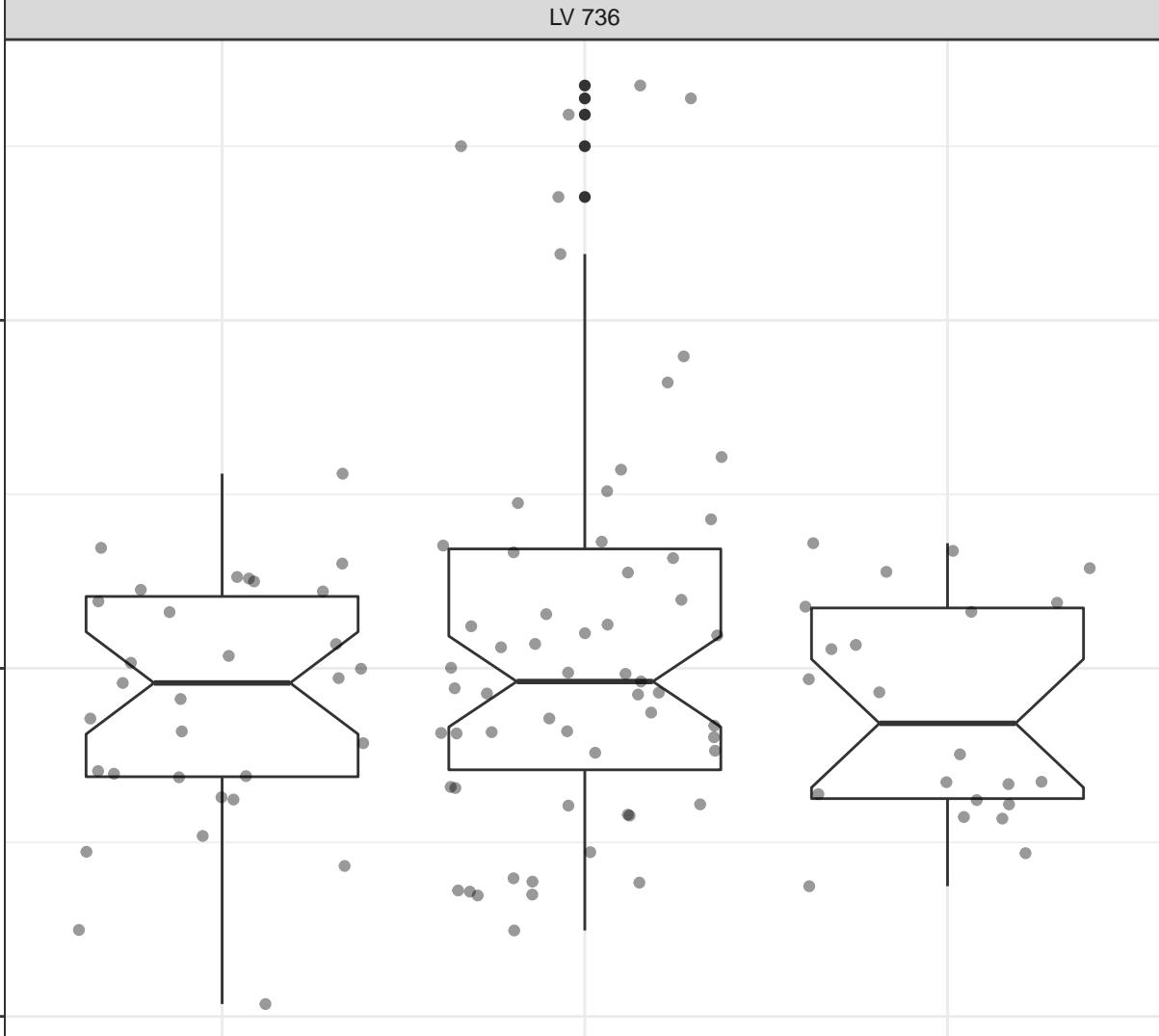
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

-0.05

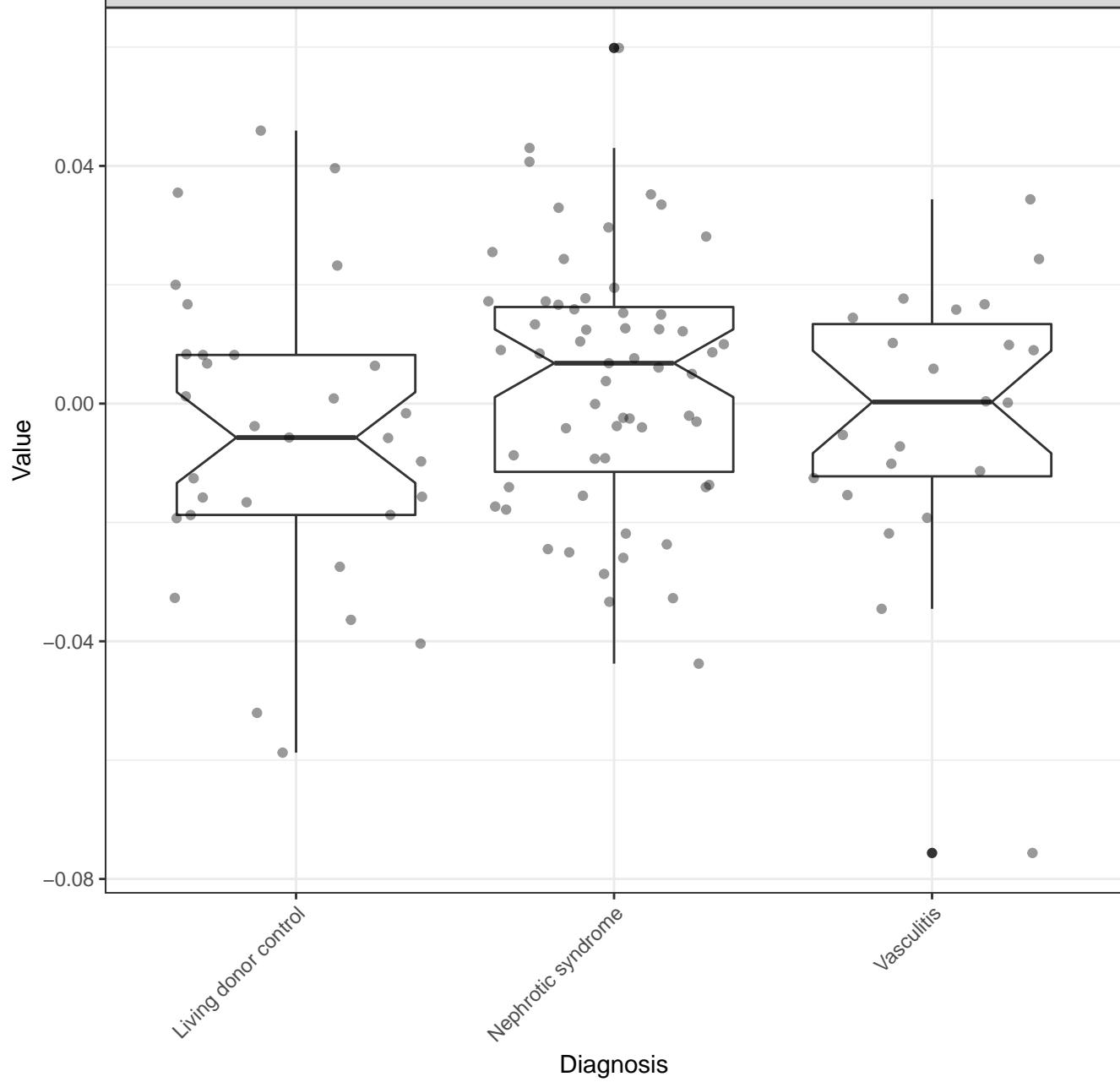
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 738



## 739,REACTOME\_GENERIC\_TRANSSCRIPTION\_PATHWAY

Value

0.1

0.0

-0.1

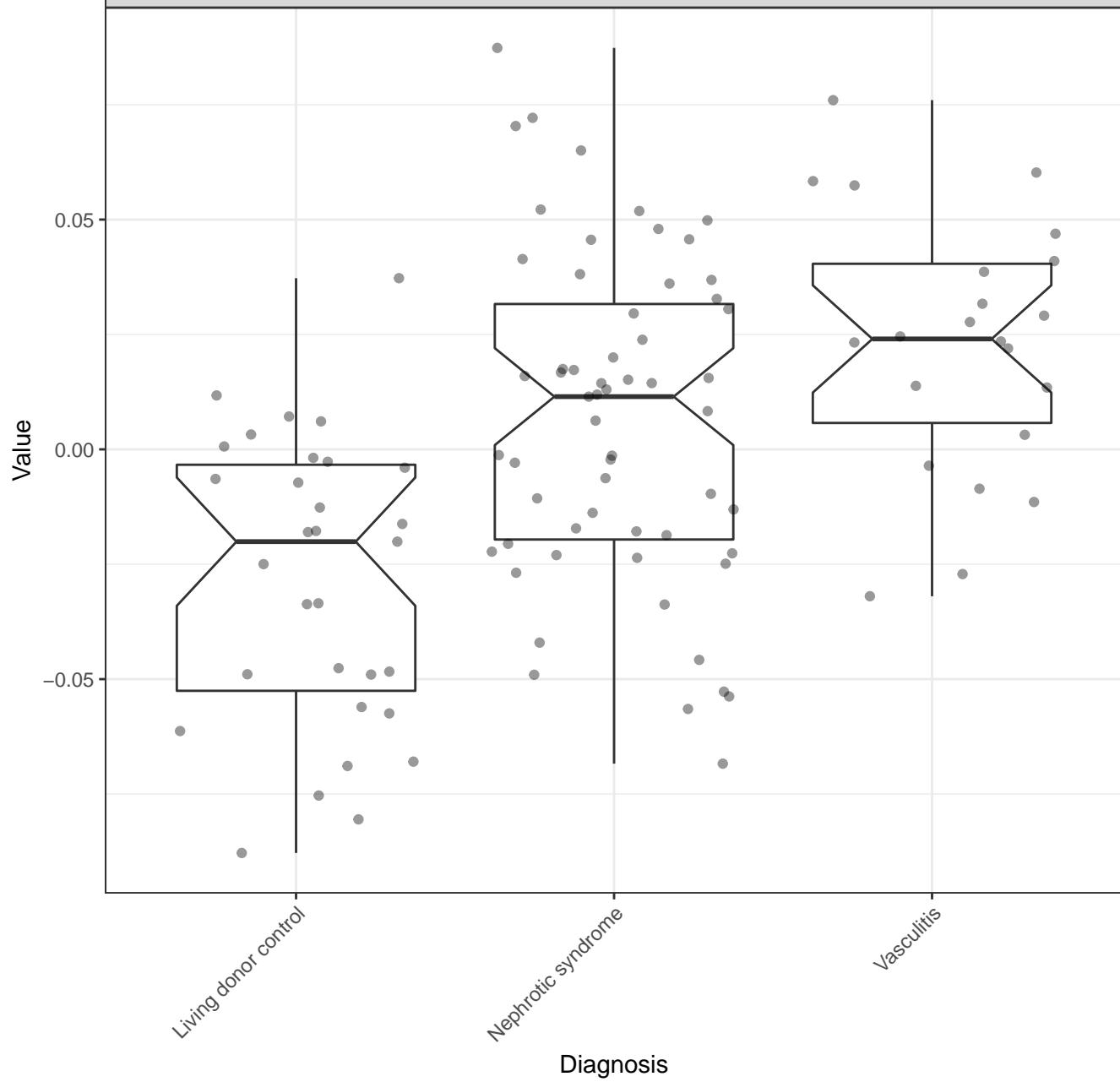
-0.2

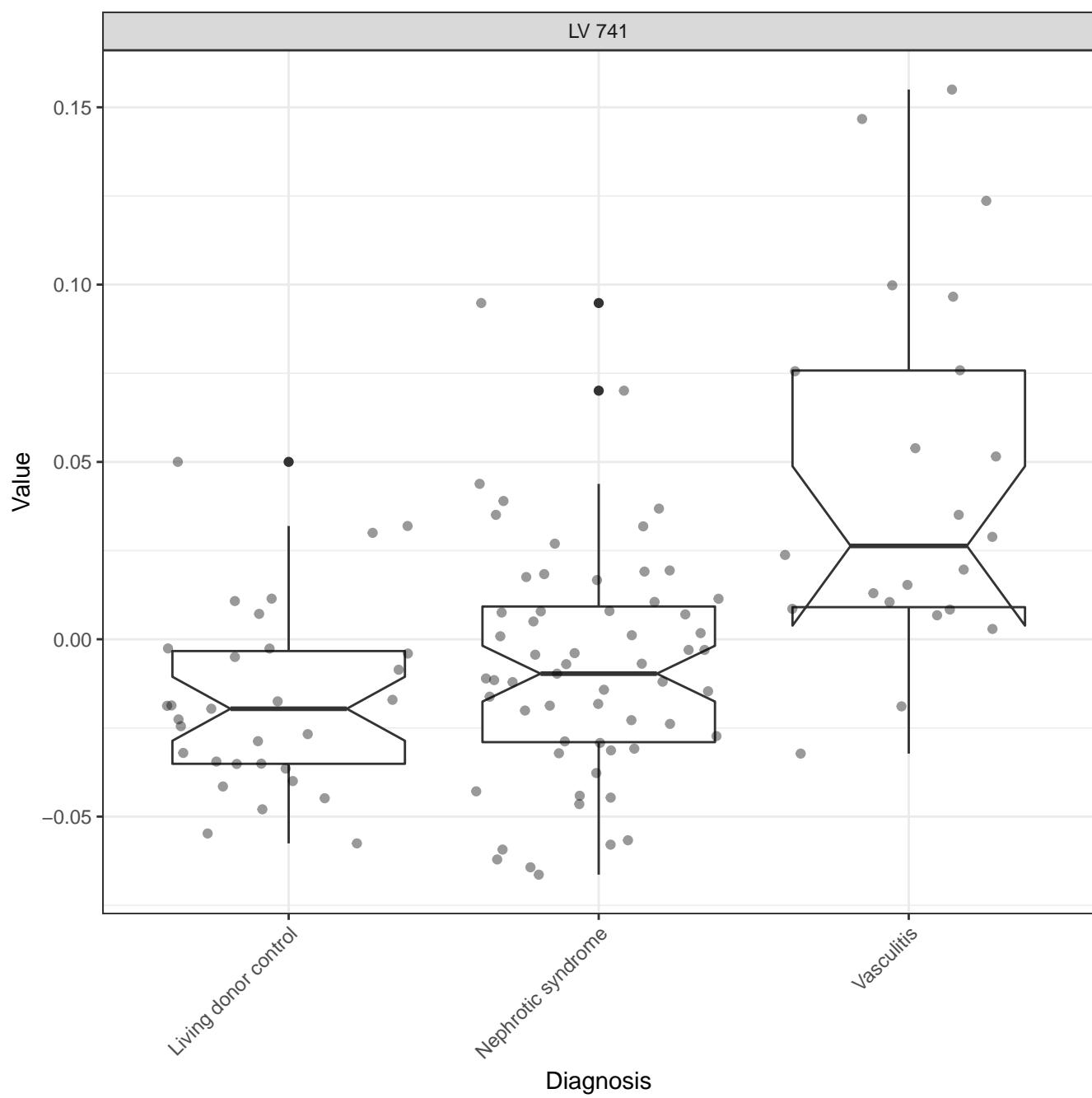
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 742

Value

0.08

0.04

0.00

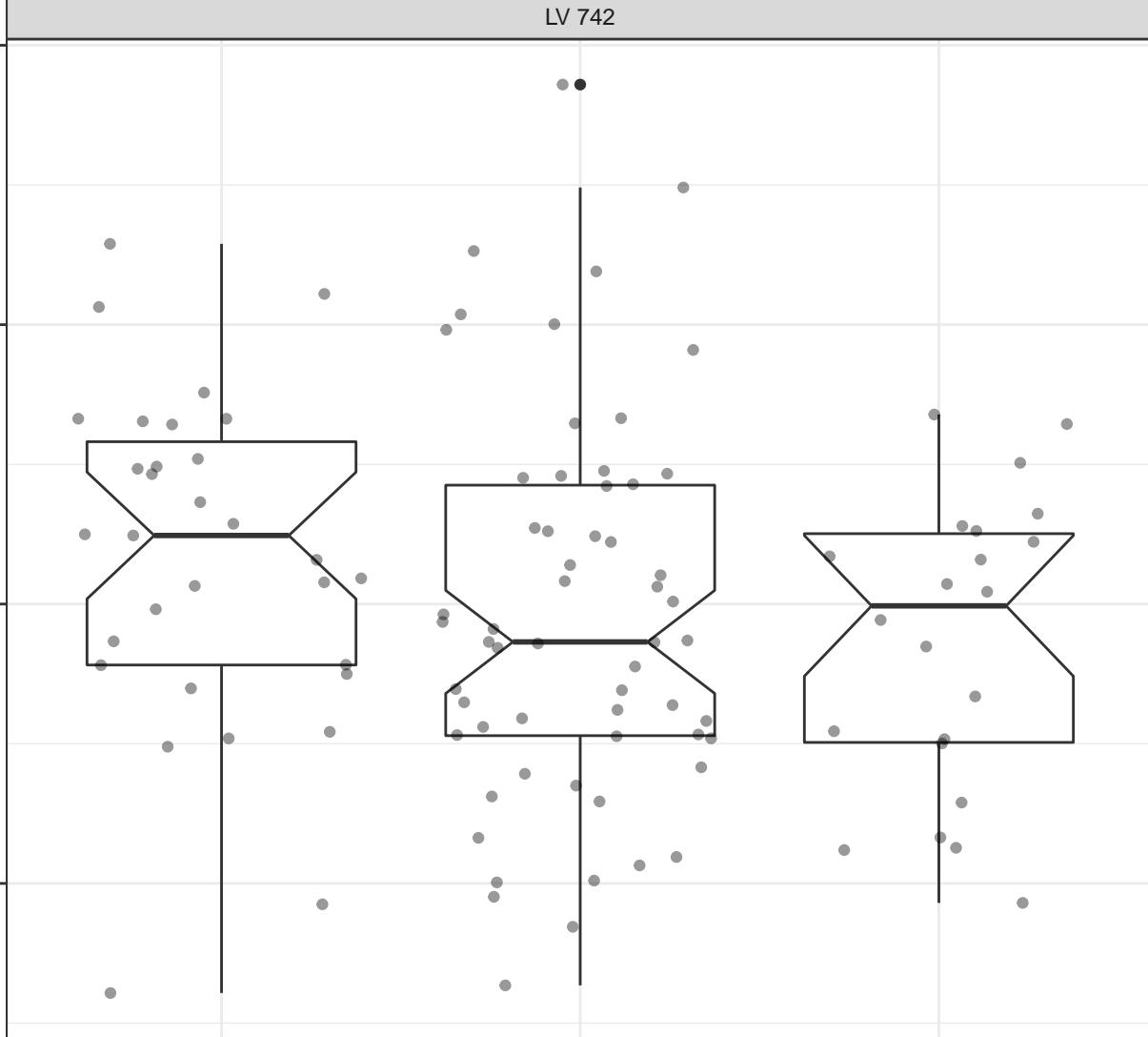
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 743,MIPS\_55S\_RIBOSOME\_MITOCHONDRIAL

Value

0.2

0.1

0.0

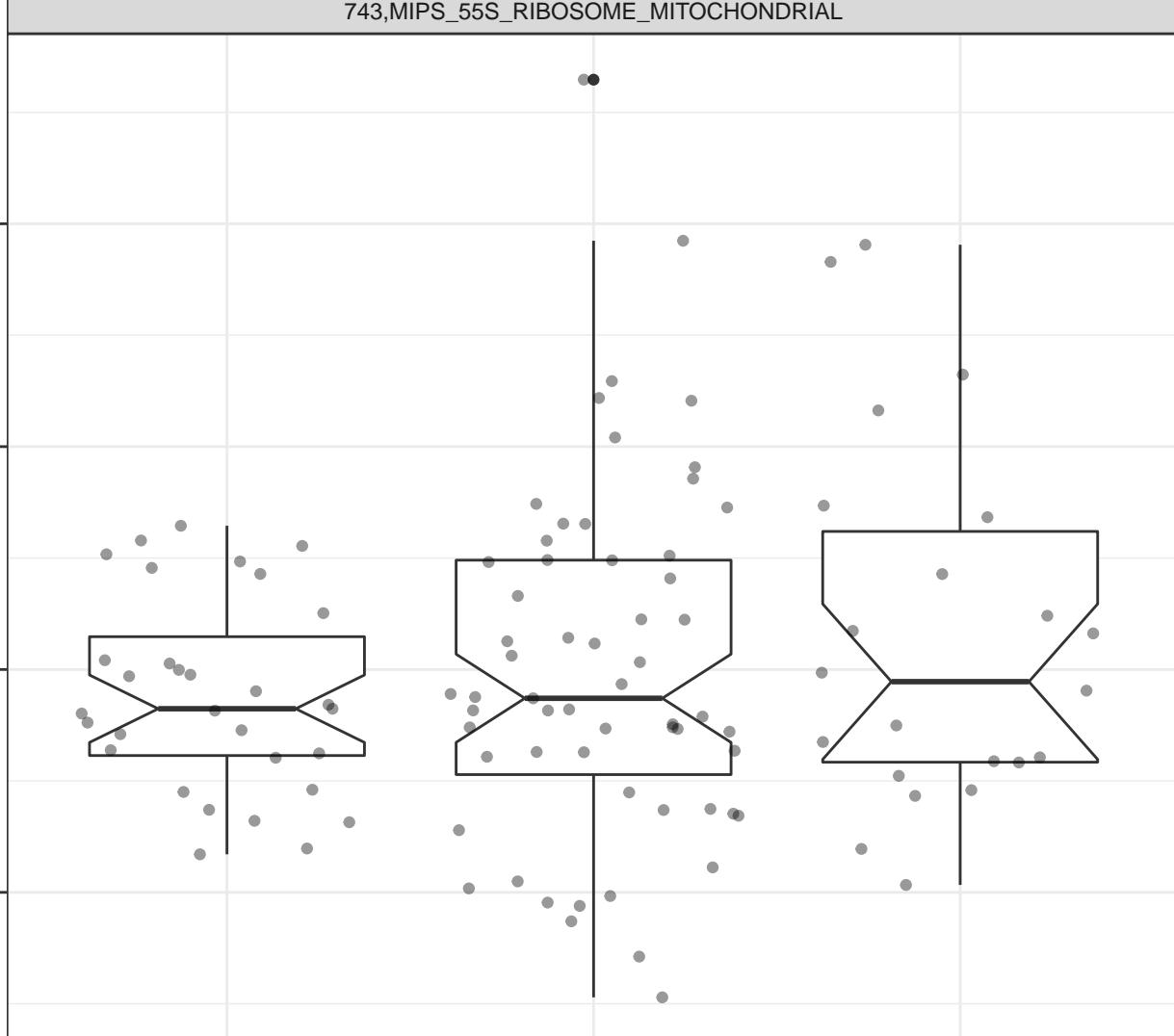
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 744

Value

0.10

0.05

0.00

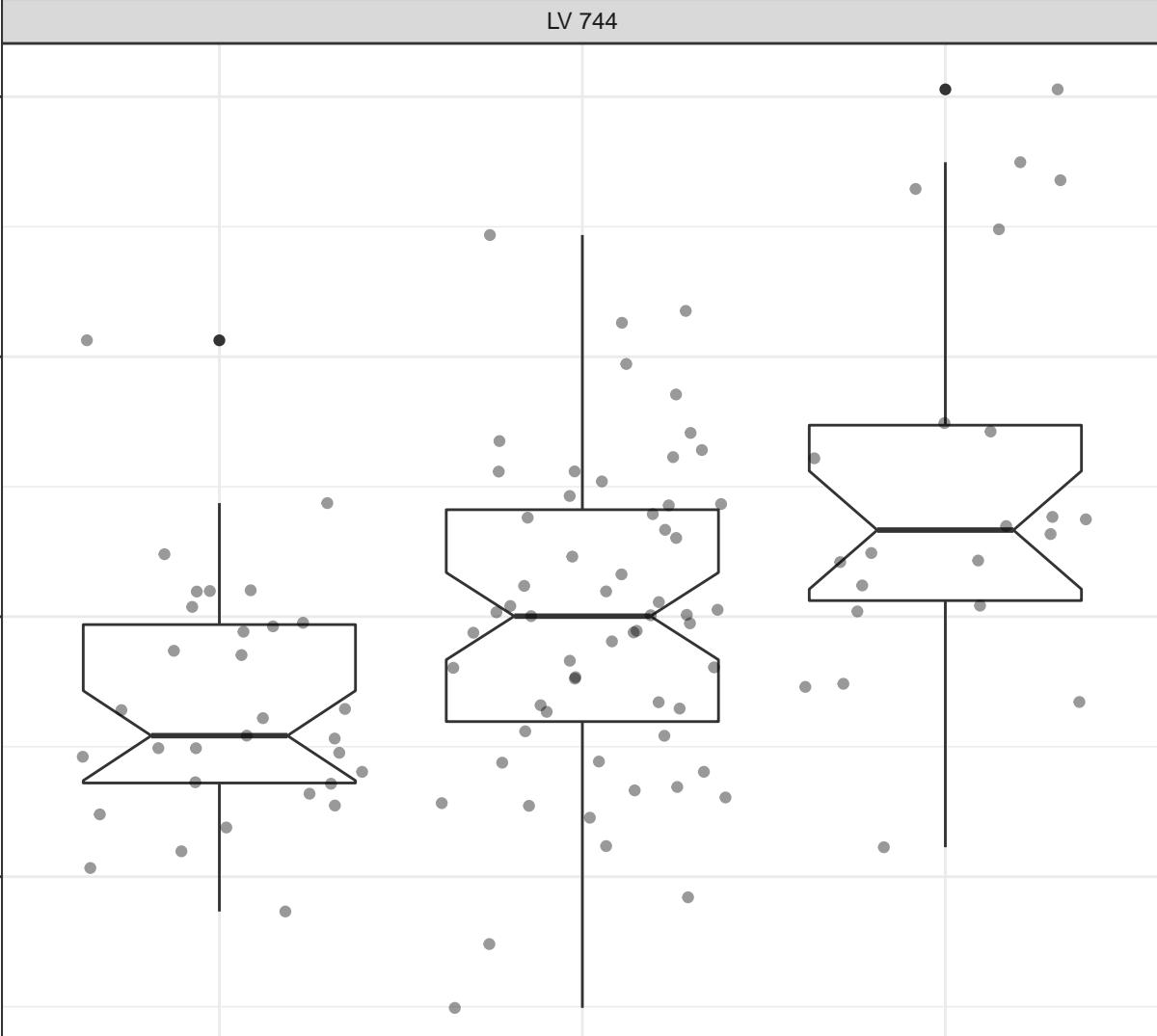
-0.05

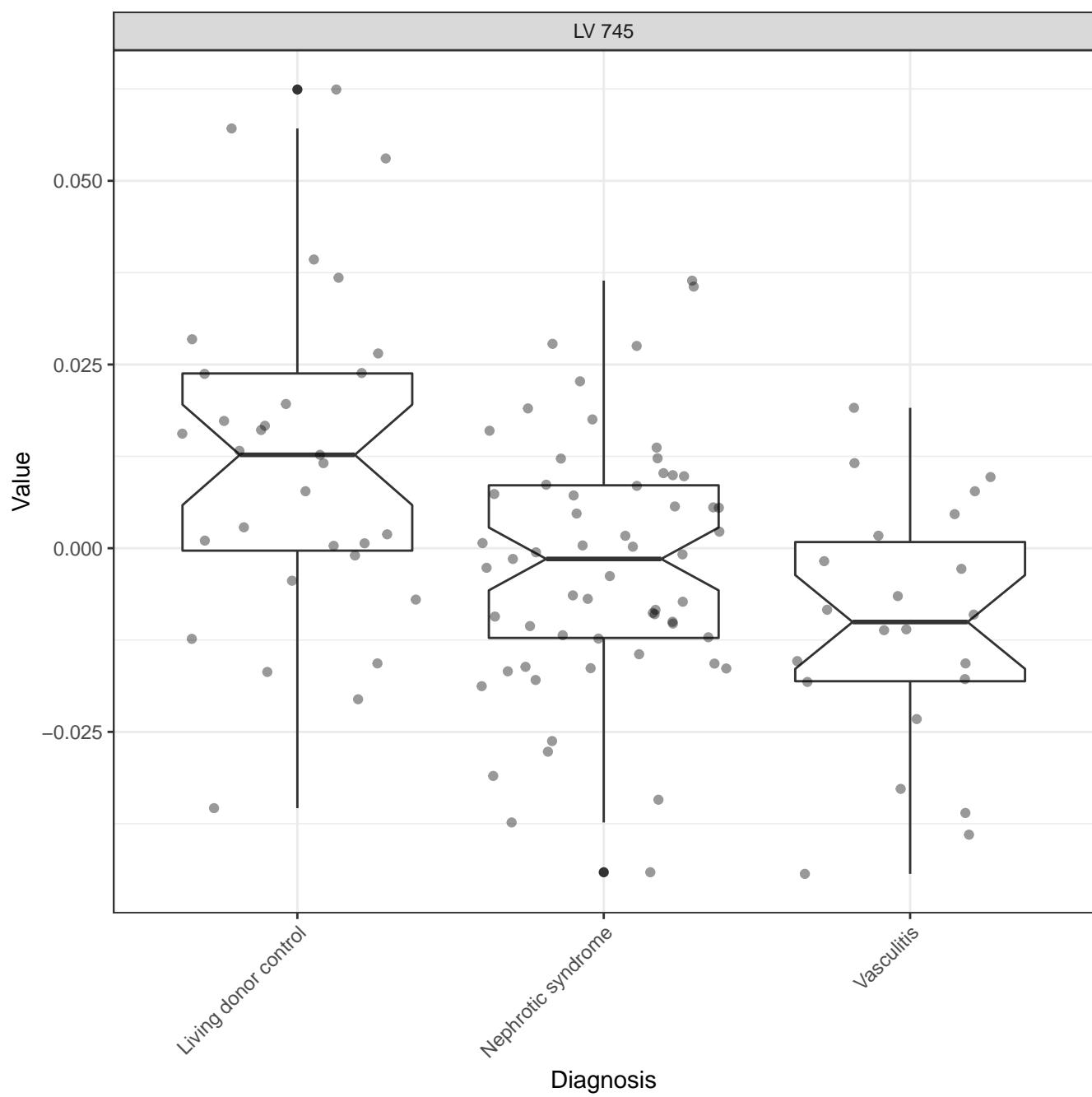
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.10

0.05

0.00

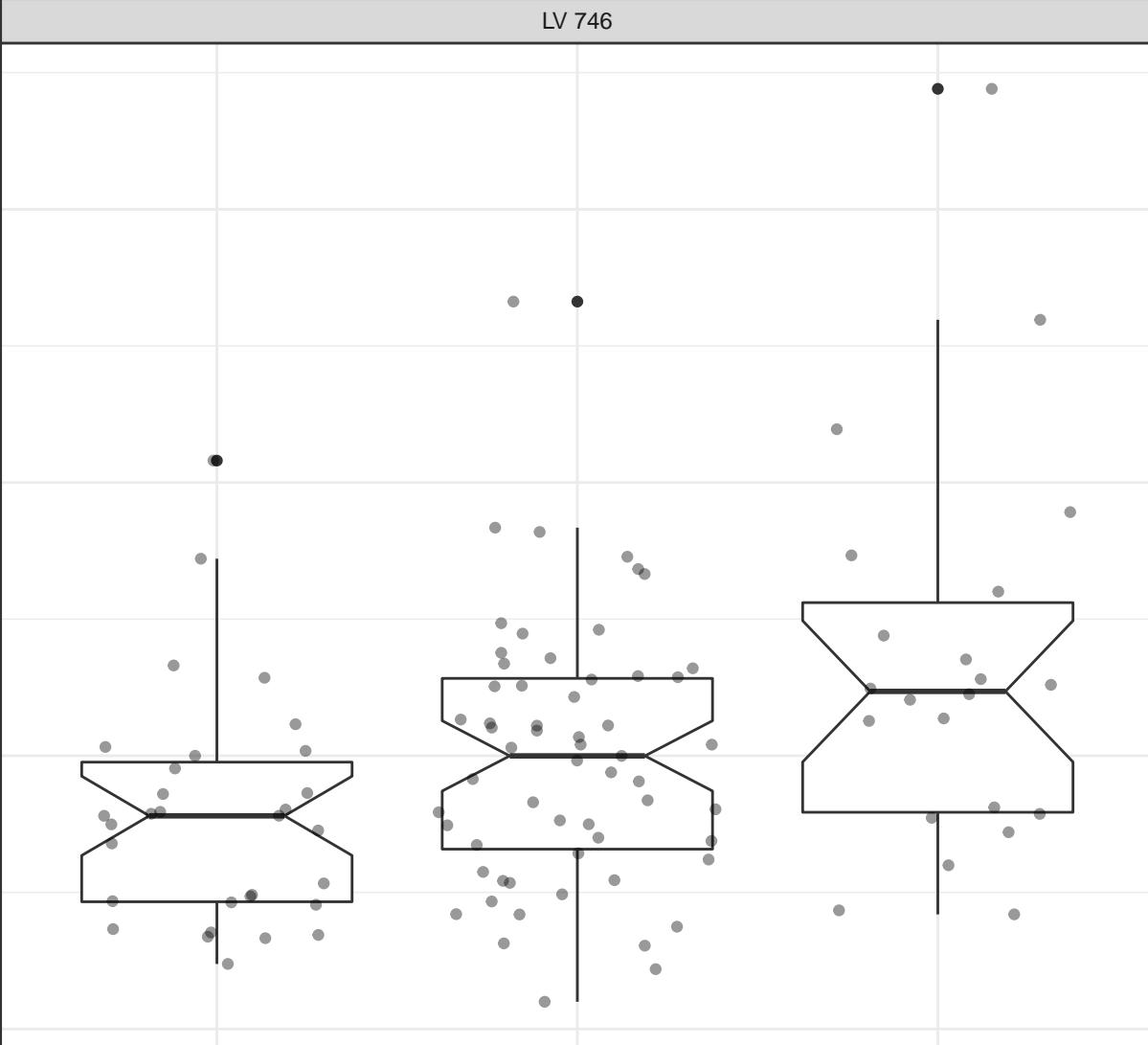
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 747

Value

0.05

0.00

-0.05

-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 748

Value

0.05

0.00

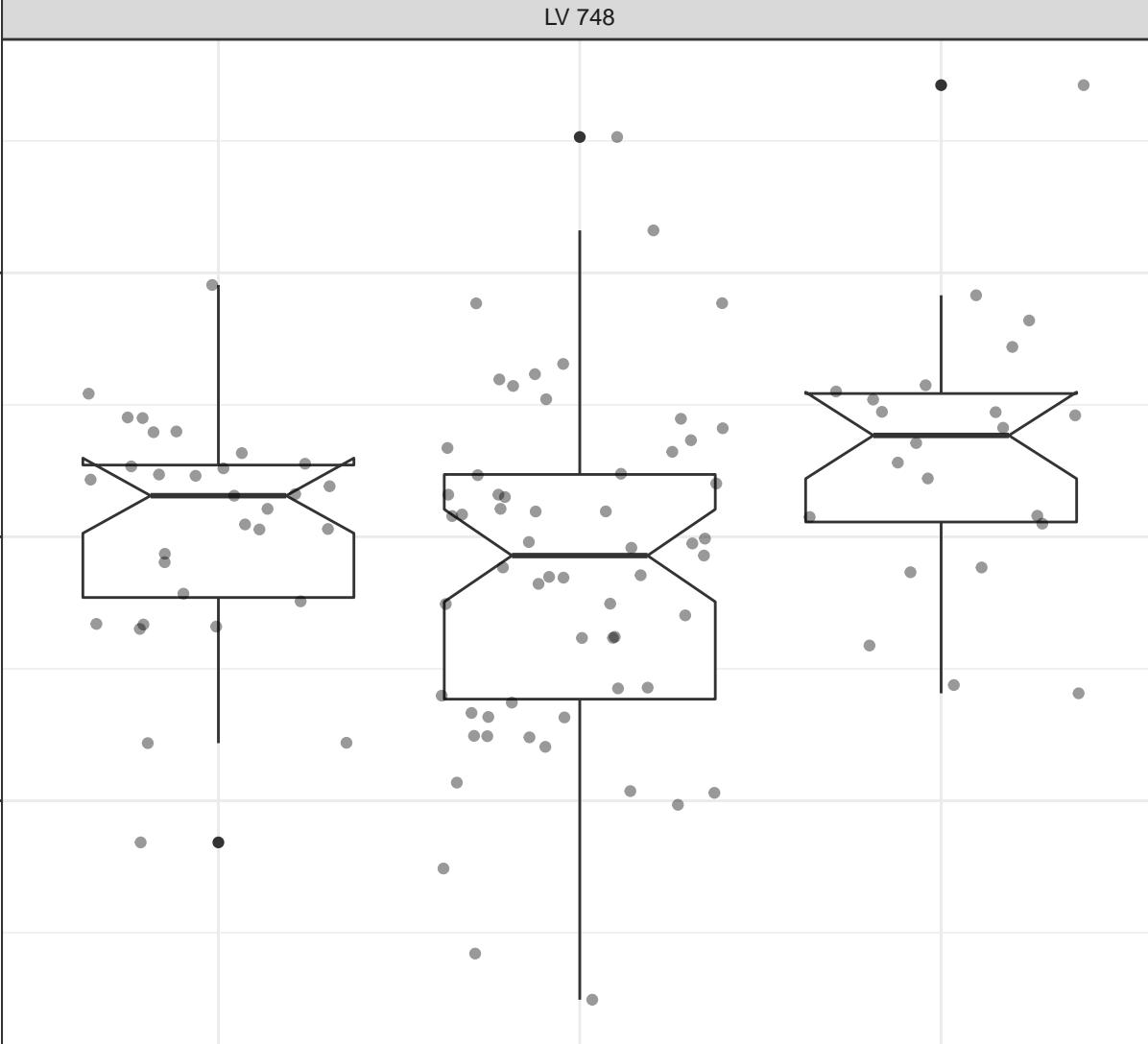
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 749

Value

0.10

0.05

0.00

-0.05

-0.10

-0.15

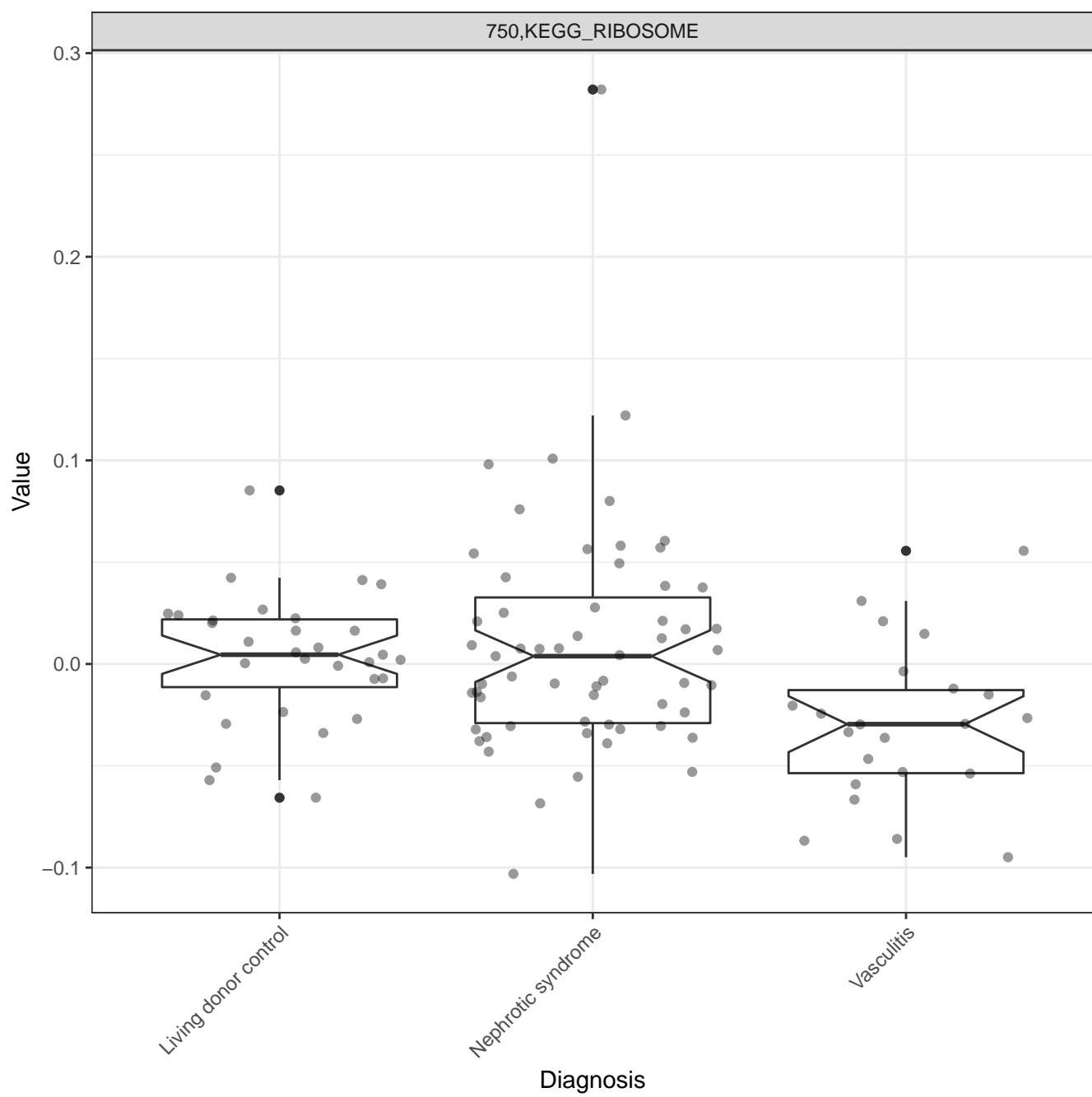
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

## 750,KEGG\_RIBOSOME



Value

0.05

0.00

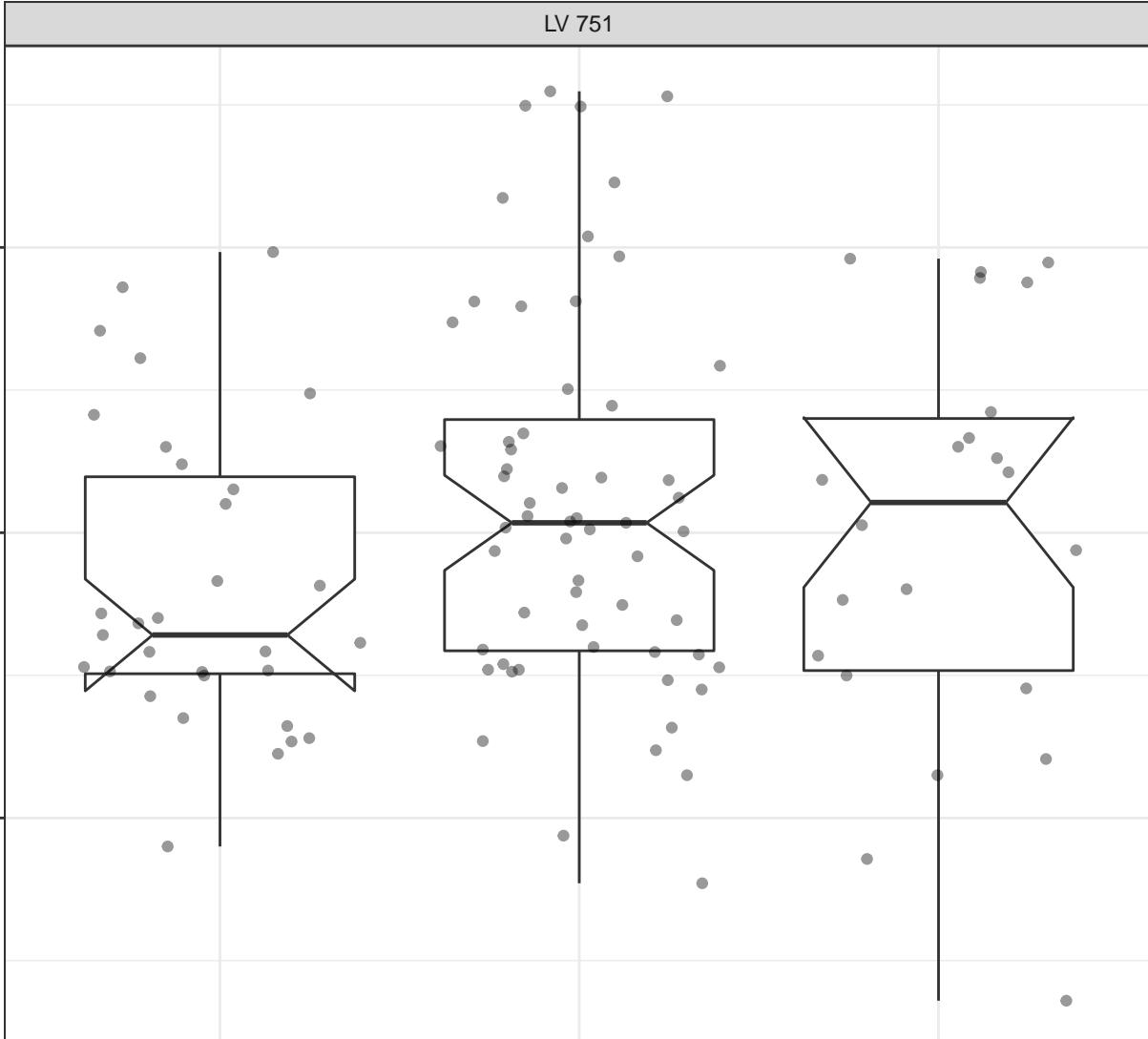
-0.05

Living donor control

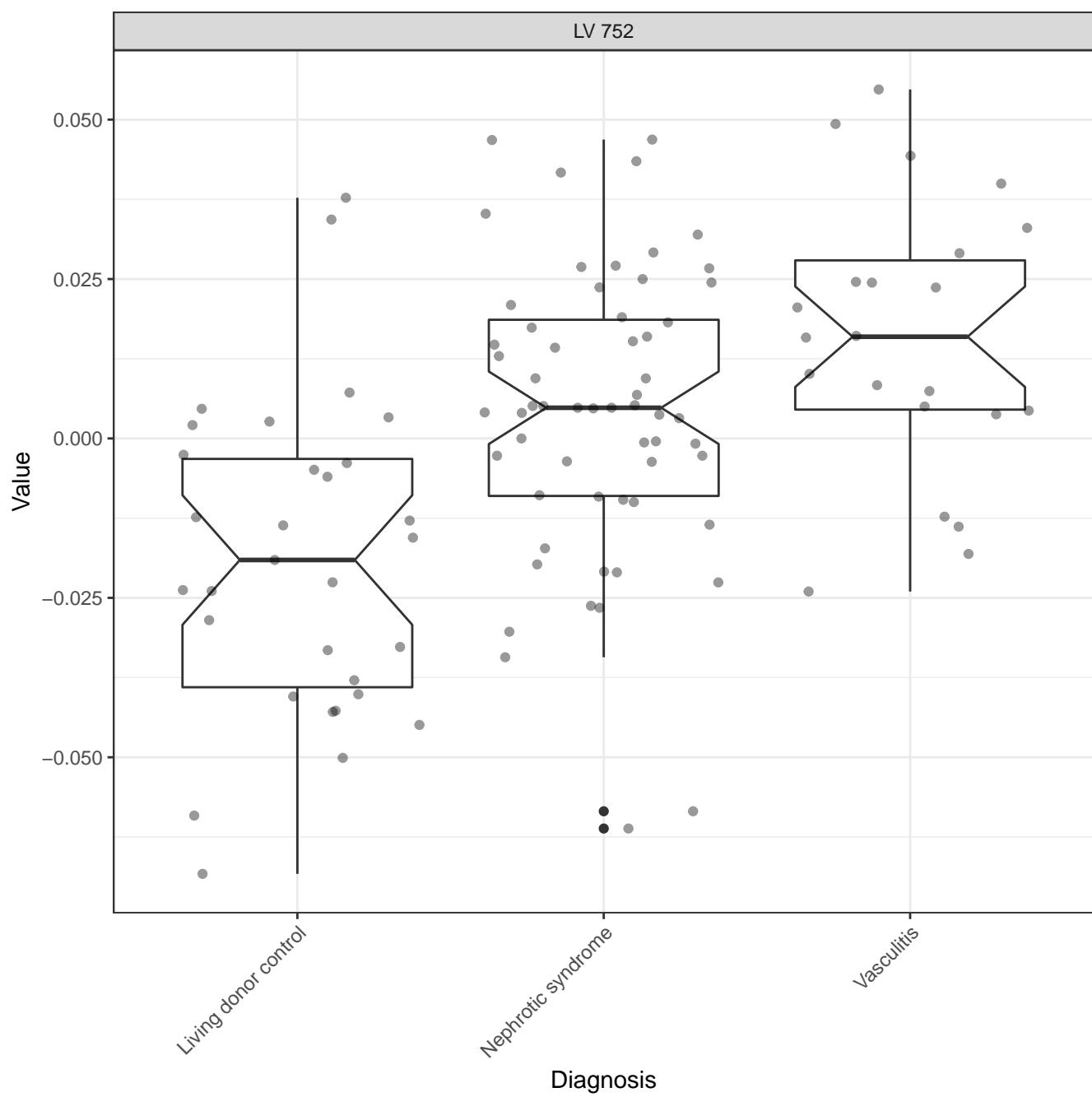
Nephrotic syndrome

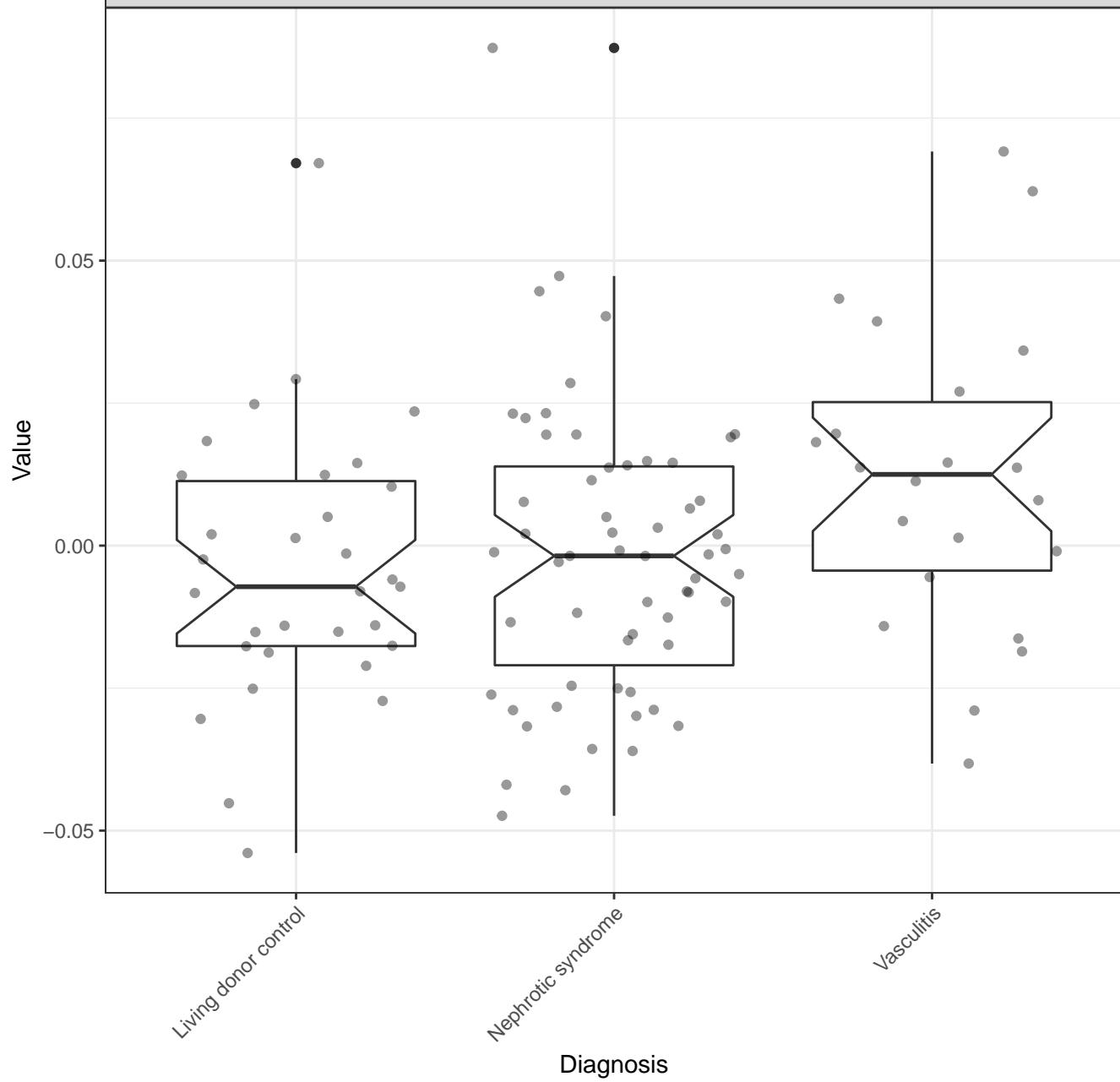
Vasculitis

Diagnosis



LV 752





Value

0.05

0.00

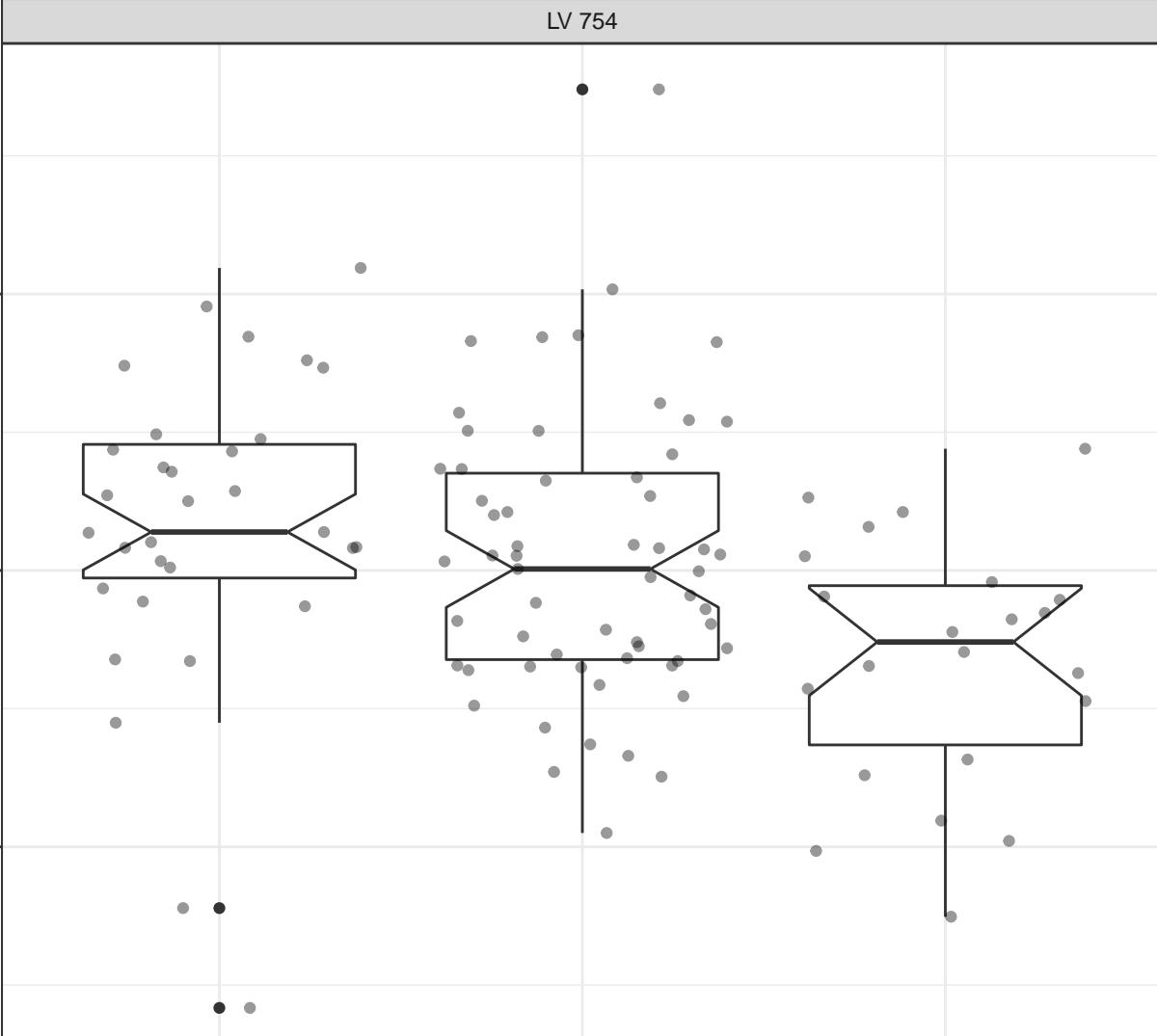
-0.05

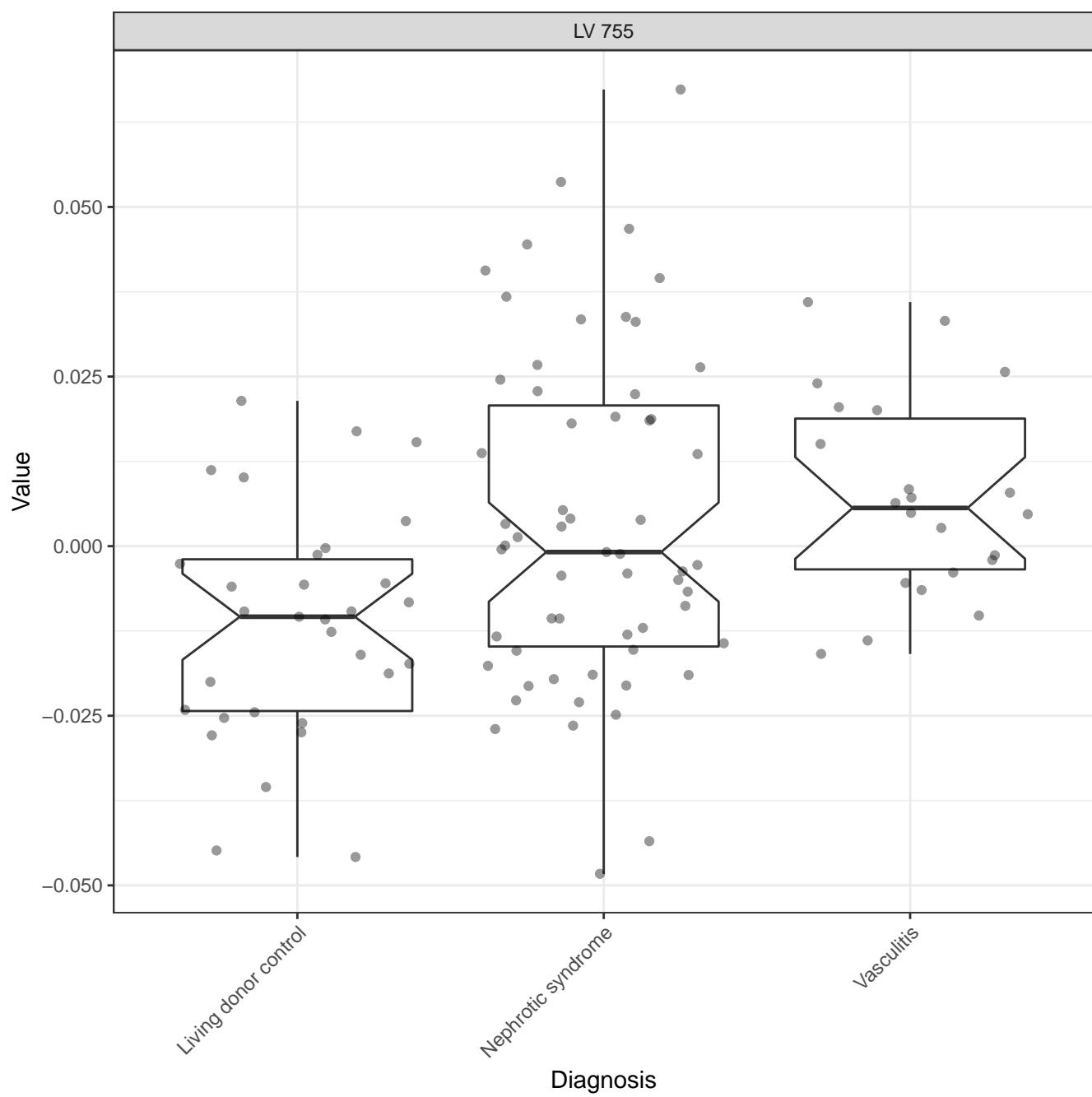
Living donor control

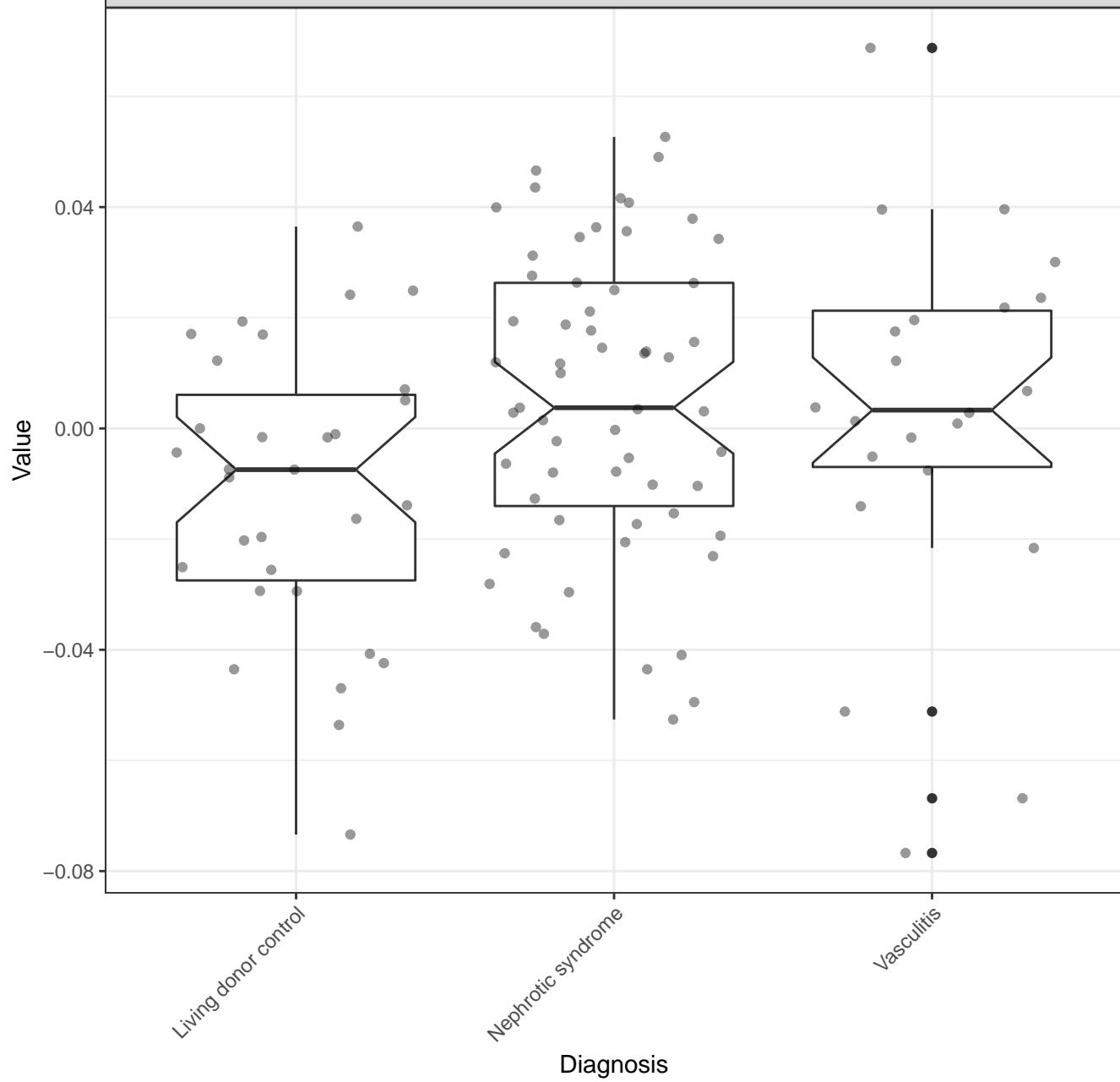
Nephrotic syndrome

Vasculitis

Diagnosis







Value

0.05

0.00

-0.05

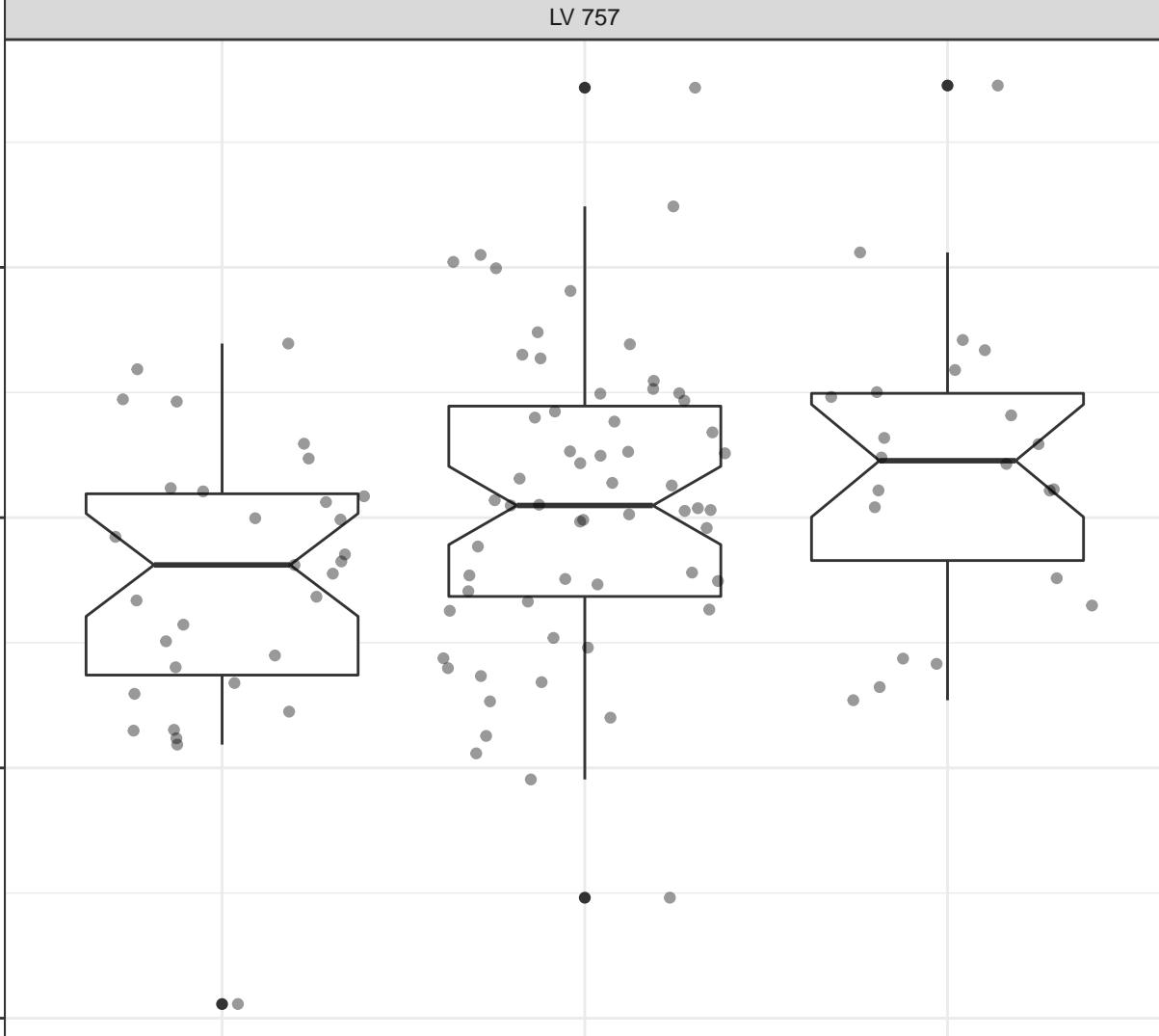
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 758

Value

0.10

0.05

0.00

-0.05

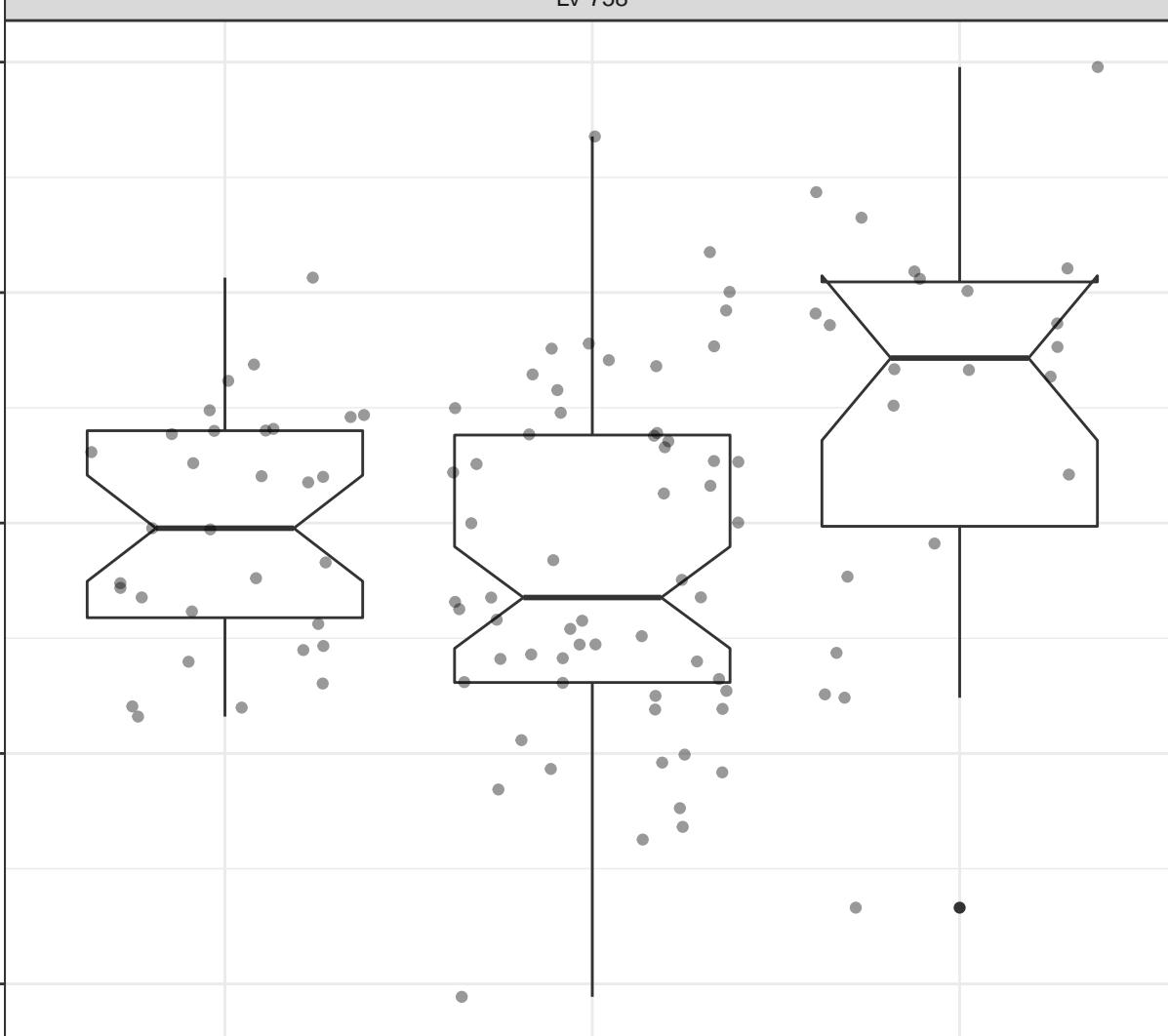
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 760

Value

0.05

0.01

-0.05

-0.10

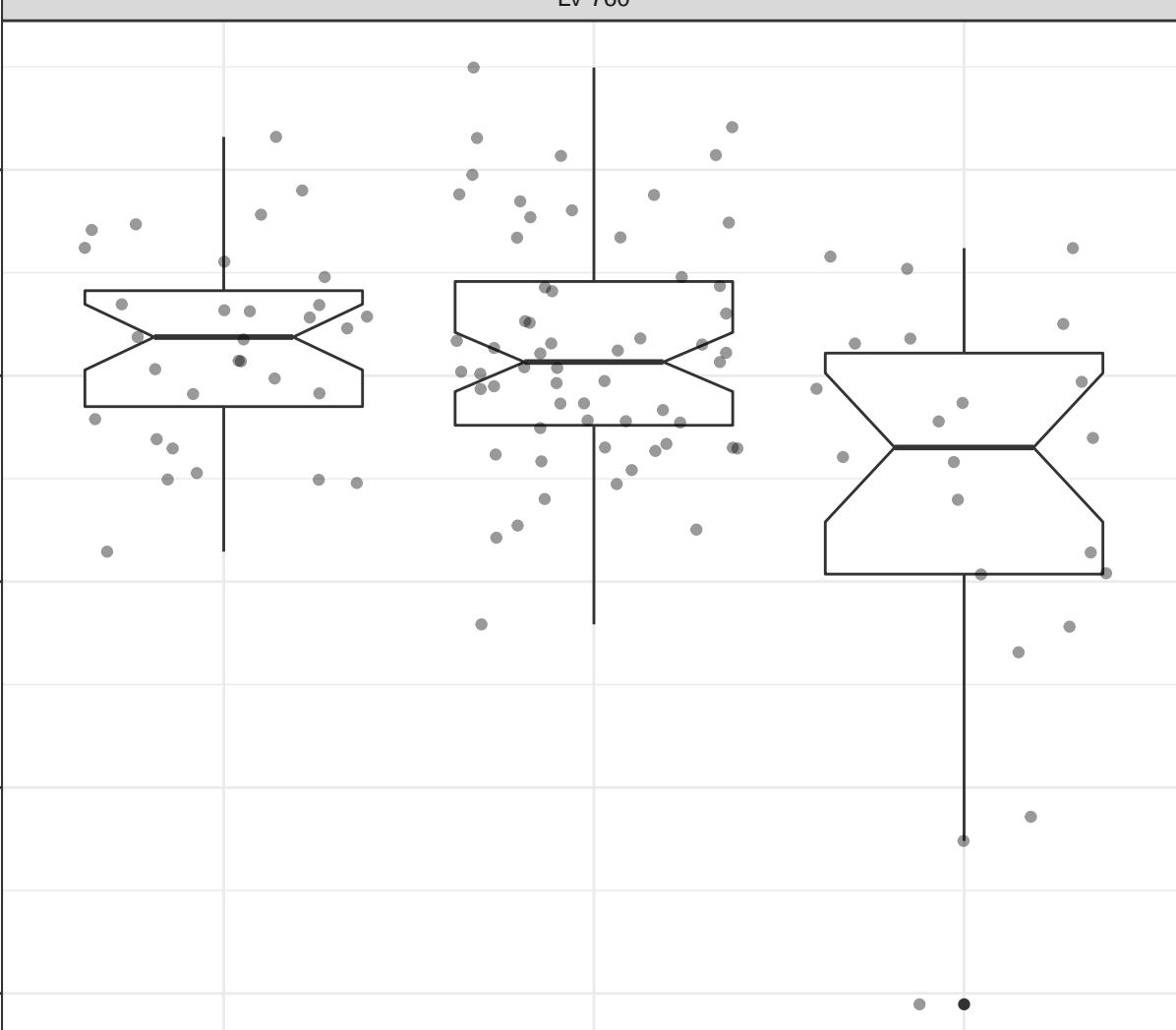
-0.15

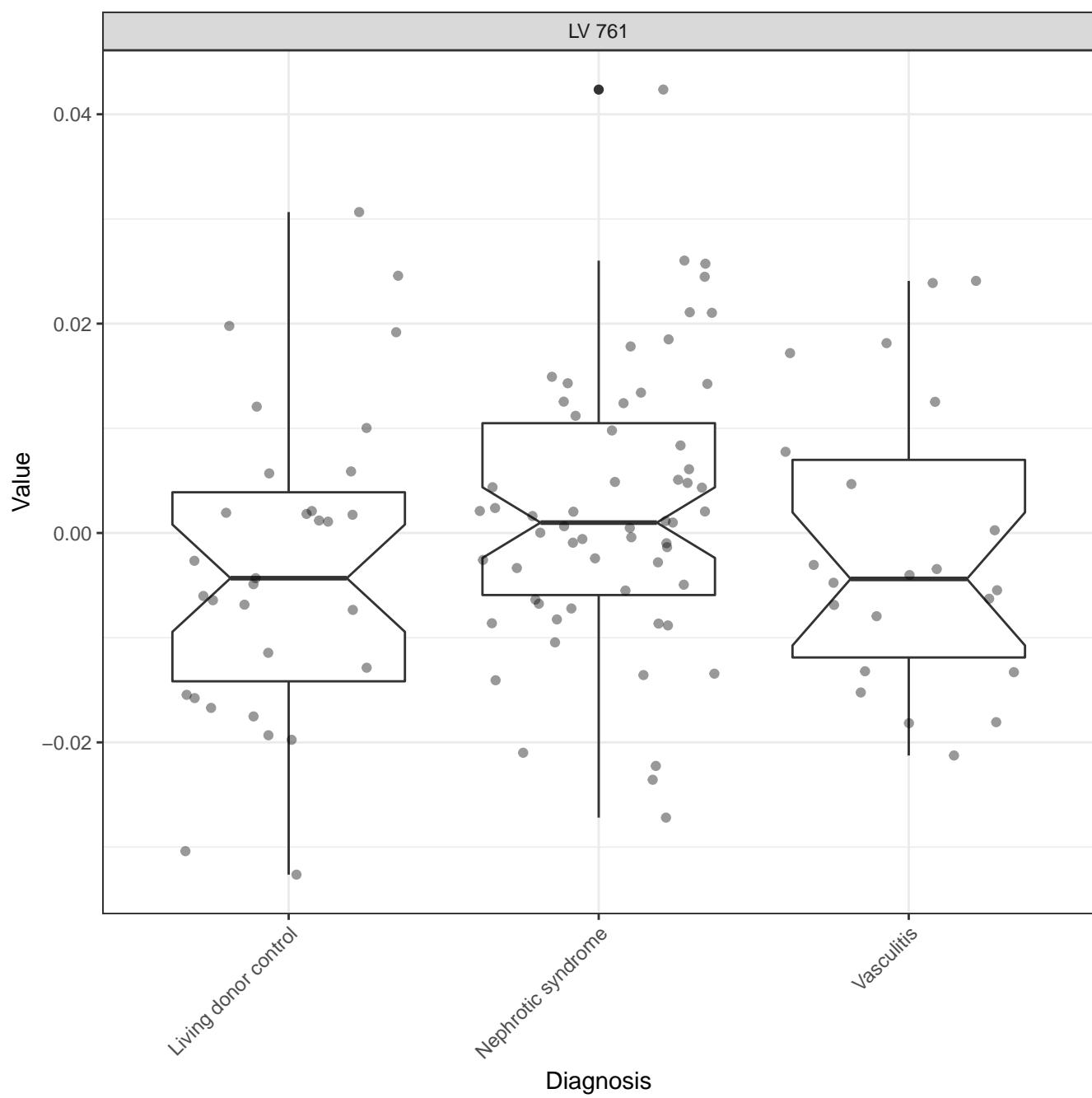
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 762

Value

0.04

0.00

-0.04

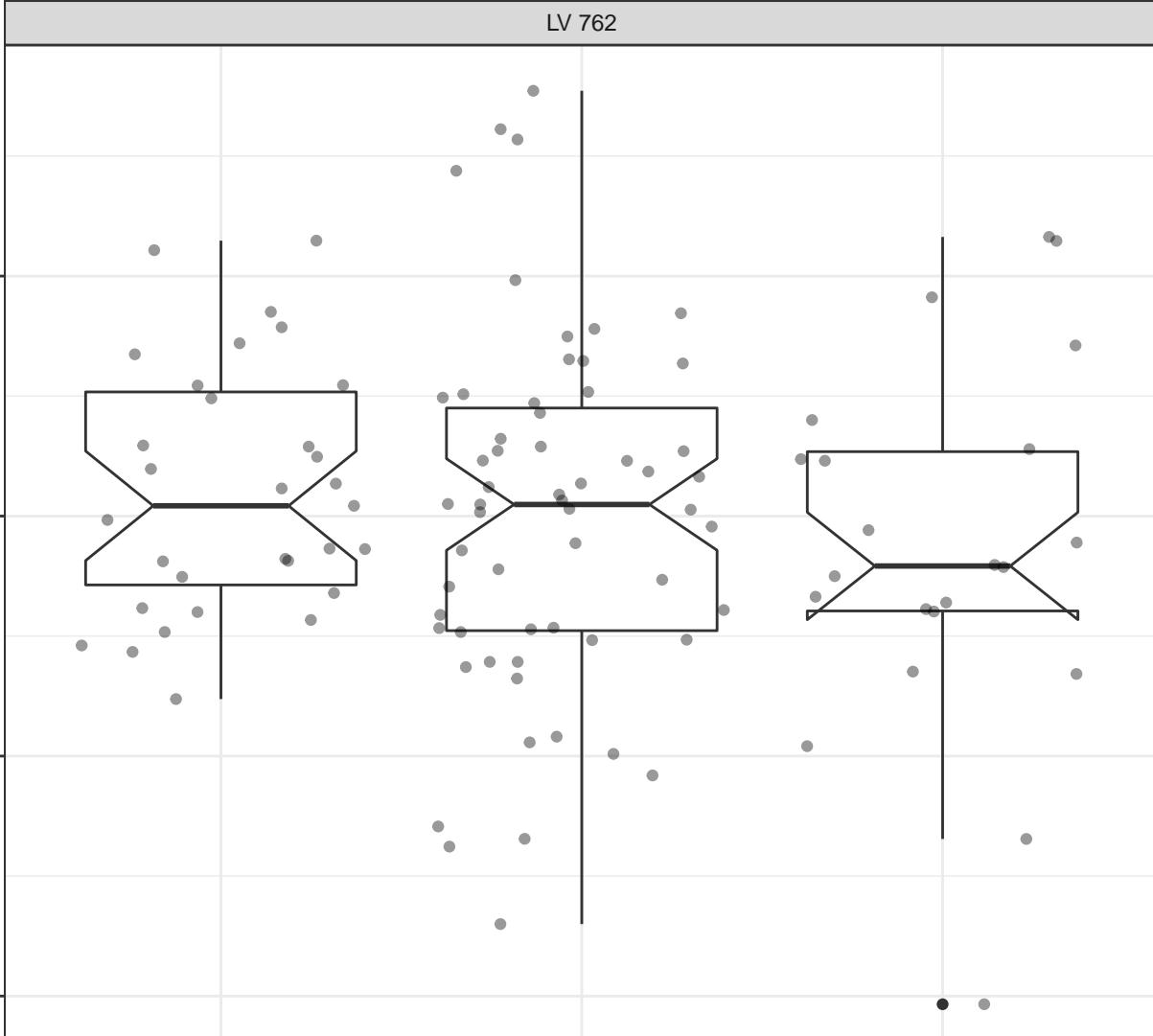
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

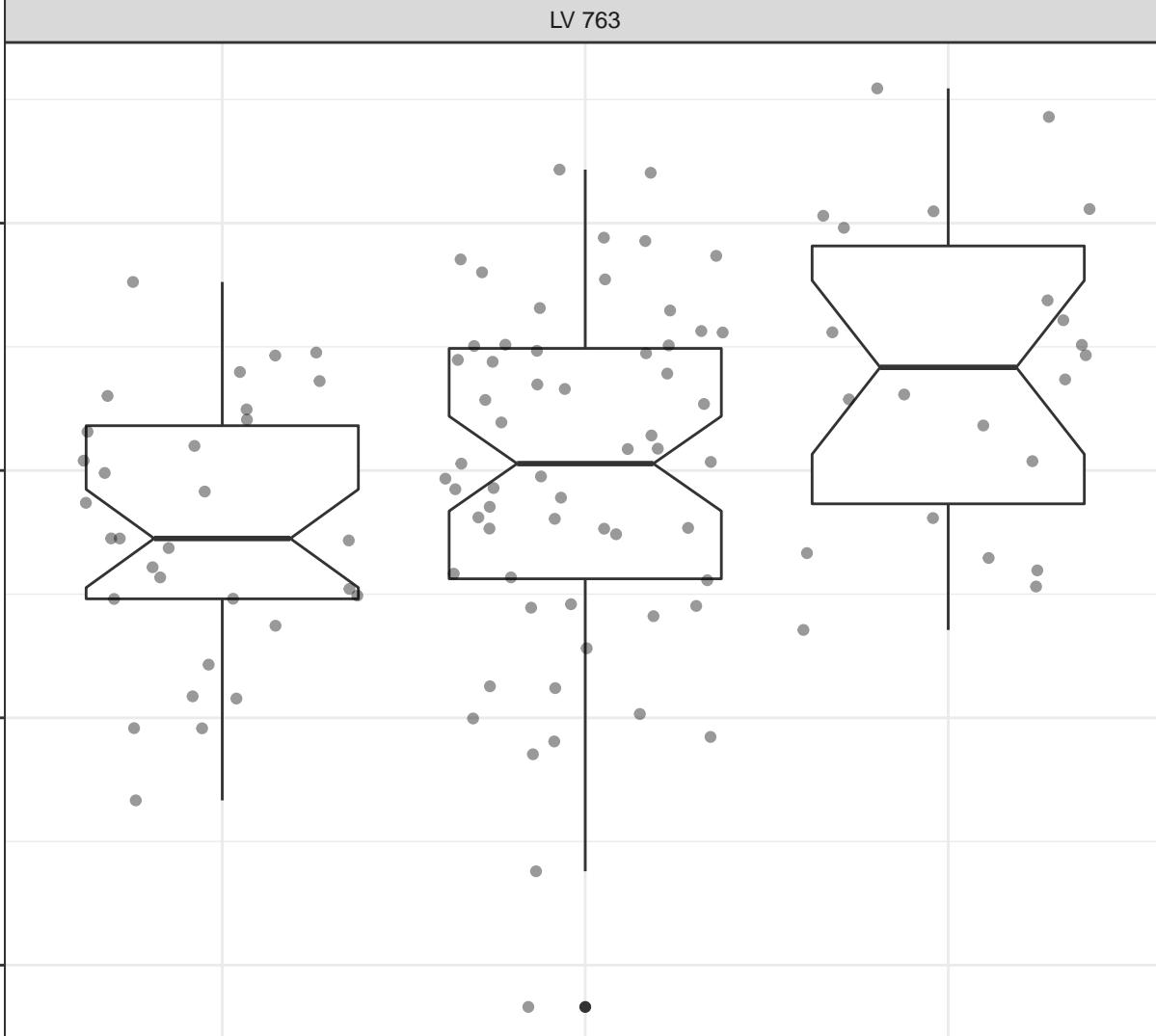
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.02

0.00

-0.02

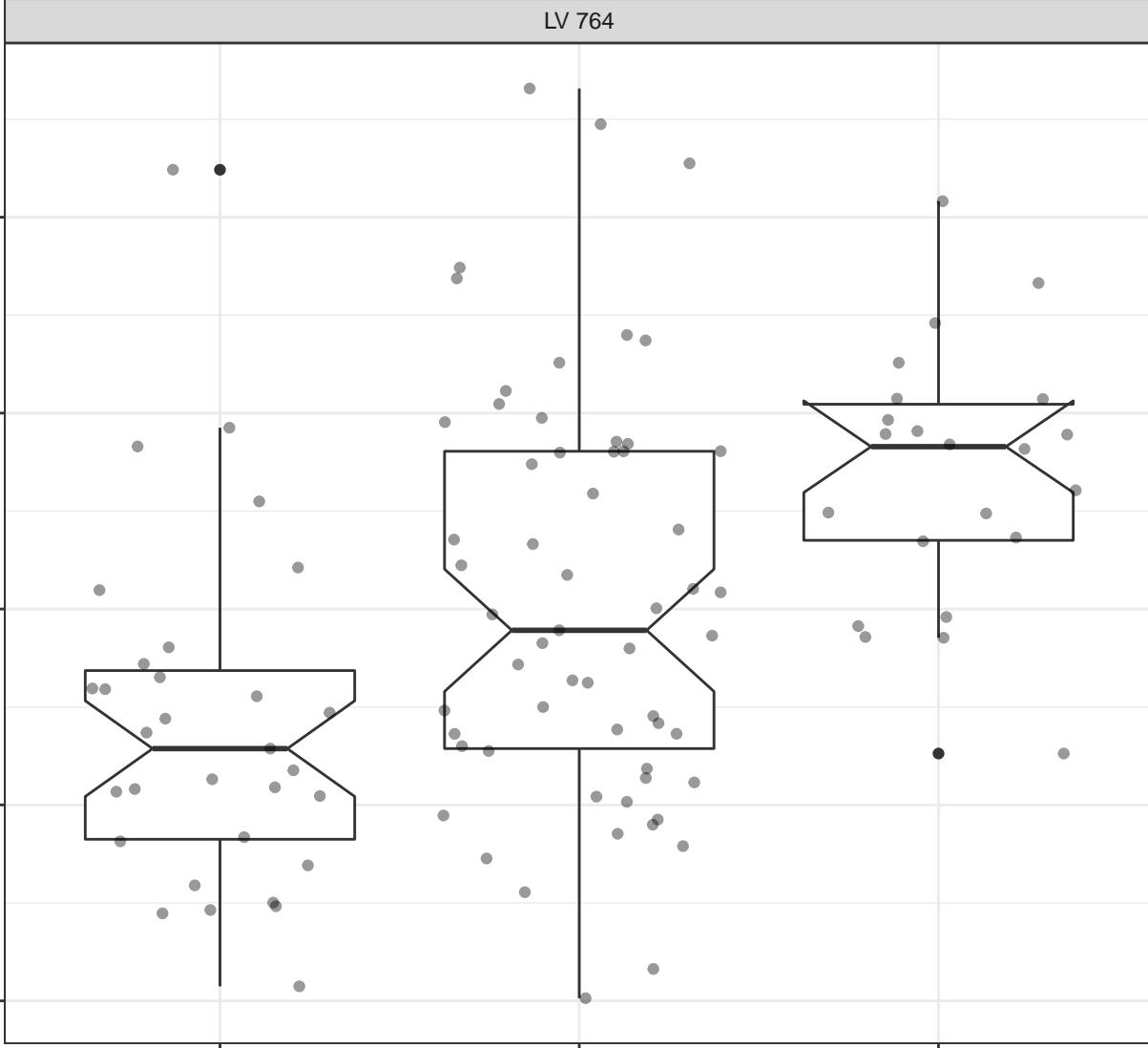
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



765,SVM NK cells resting

Value

0.3

0.2

0.1

0.0

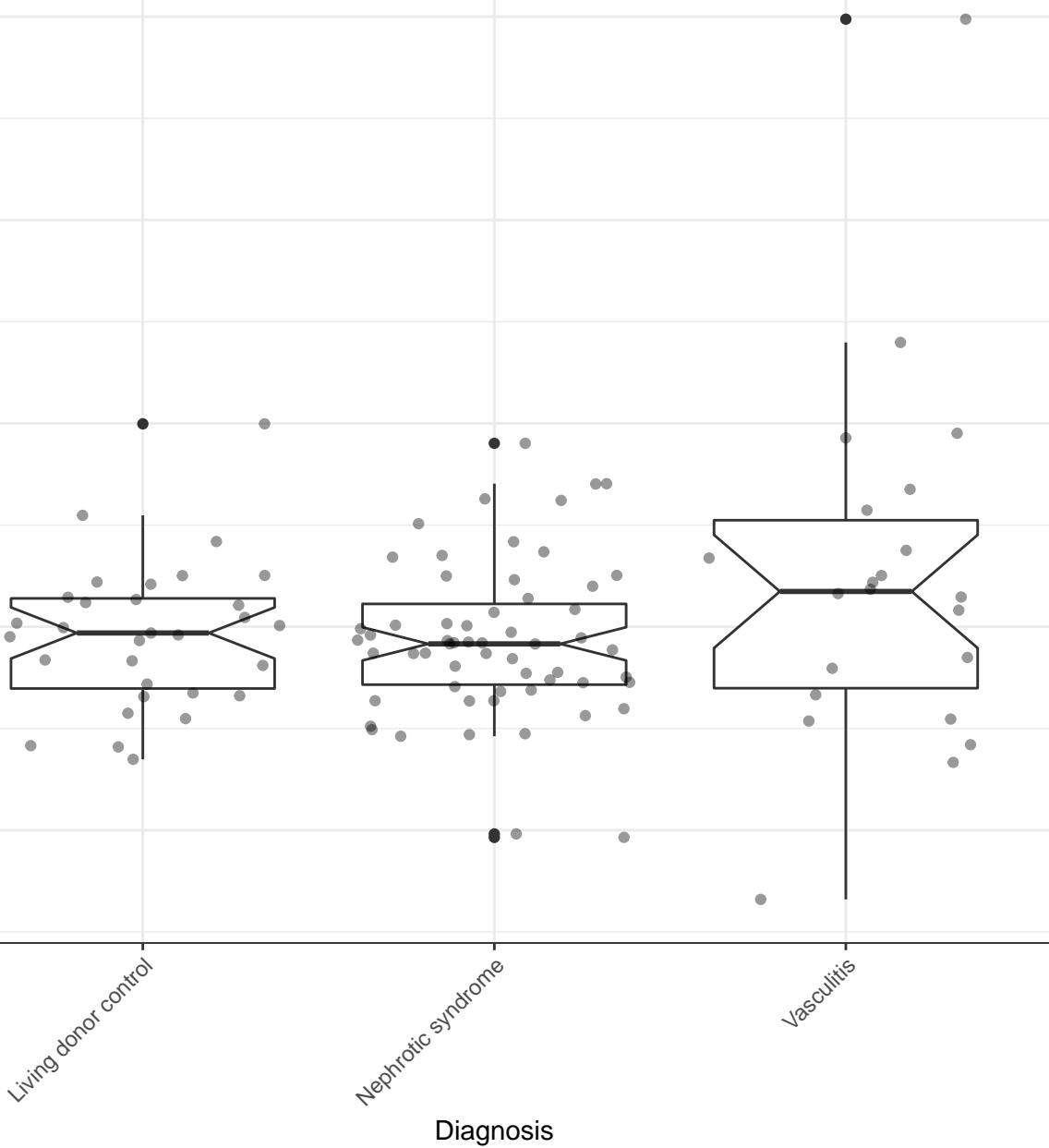
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



# 766,KEGG\_DILATED\_CARDIOMYOPATHY

Value

0.10

0.05

0.00

-0.05

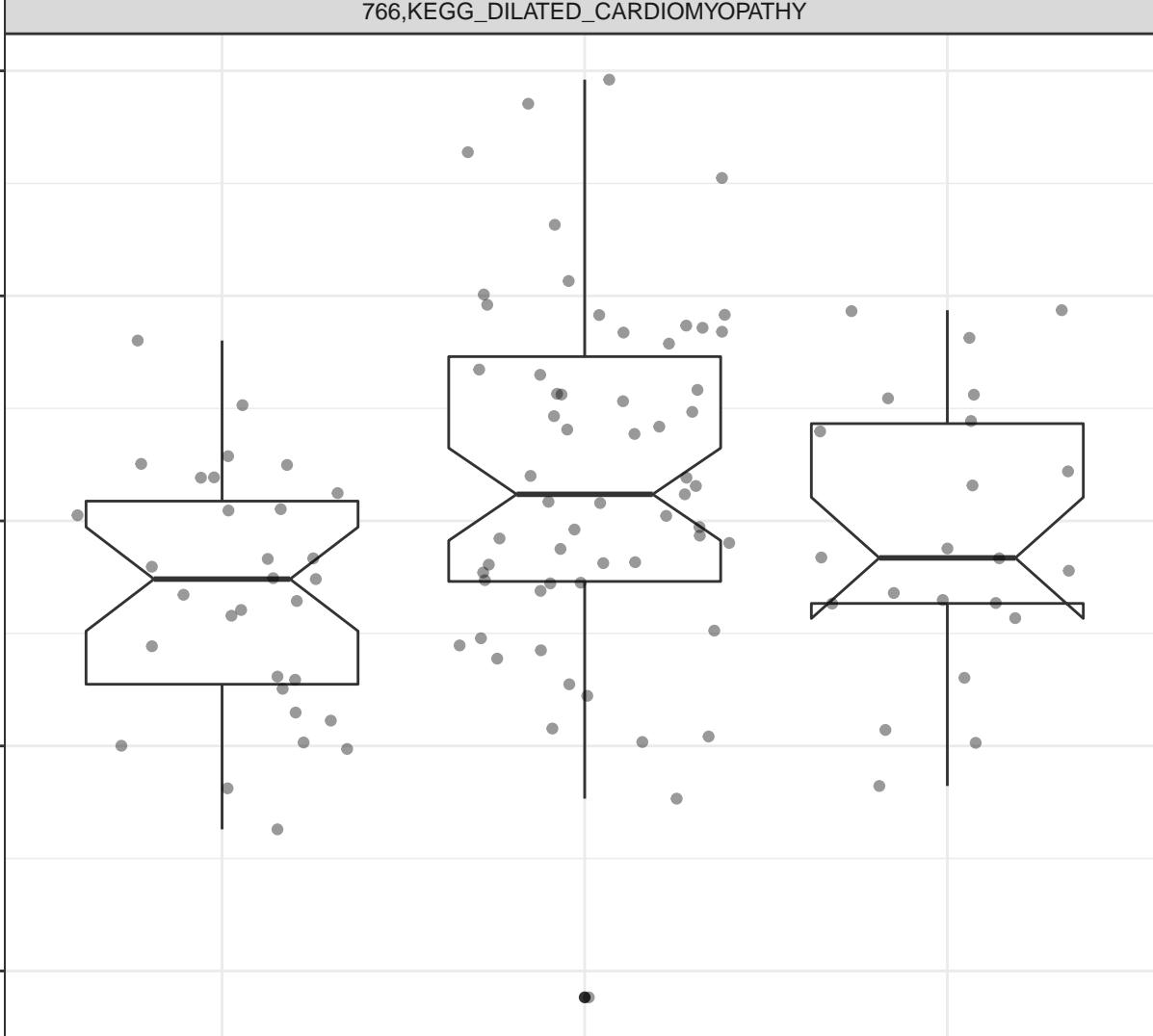
-0.10

Living donor control

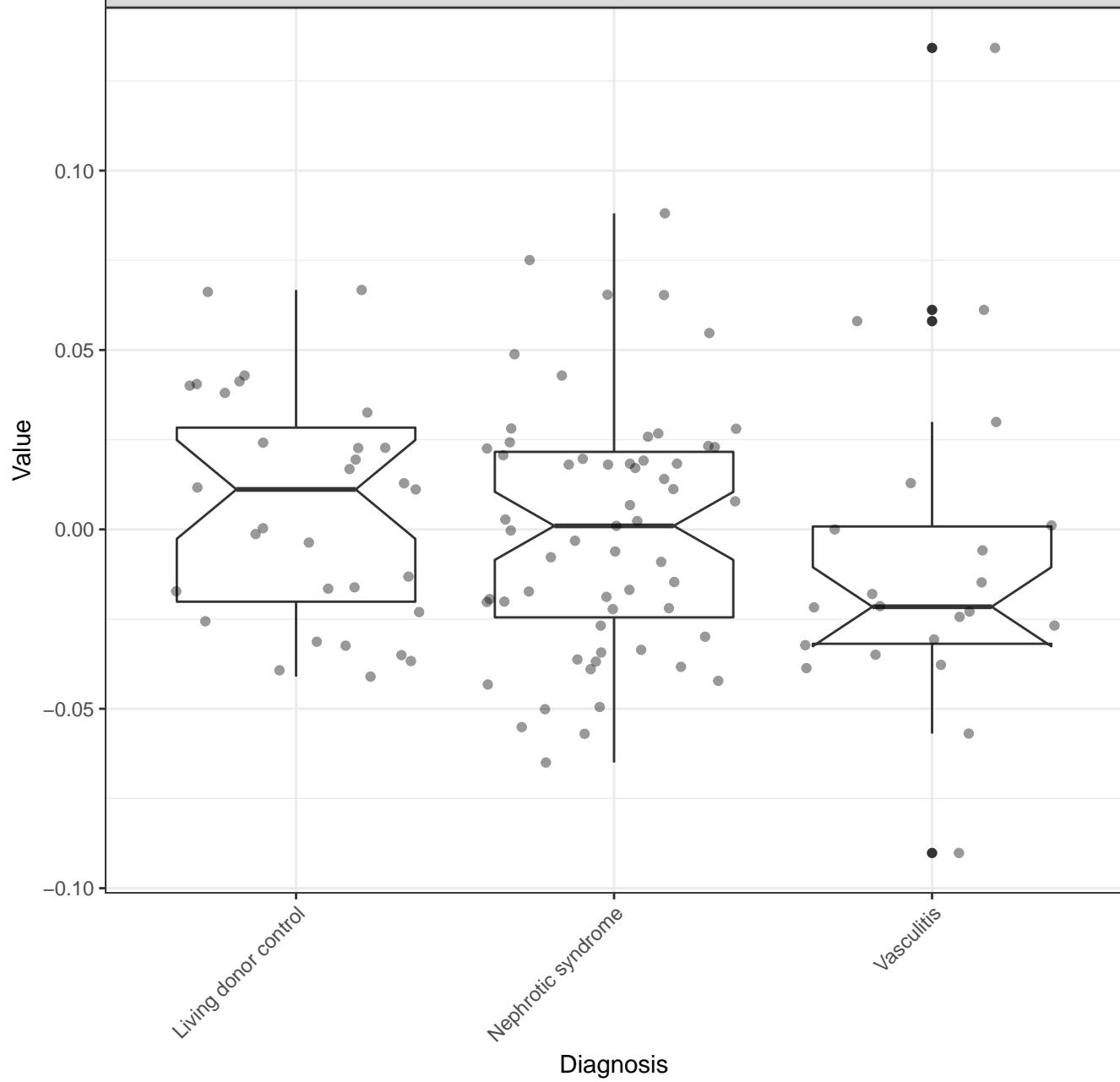
Nephrotic syndrome

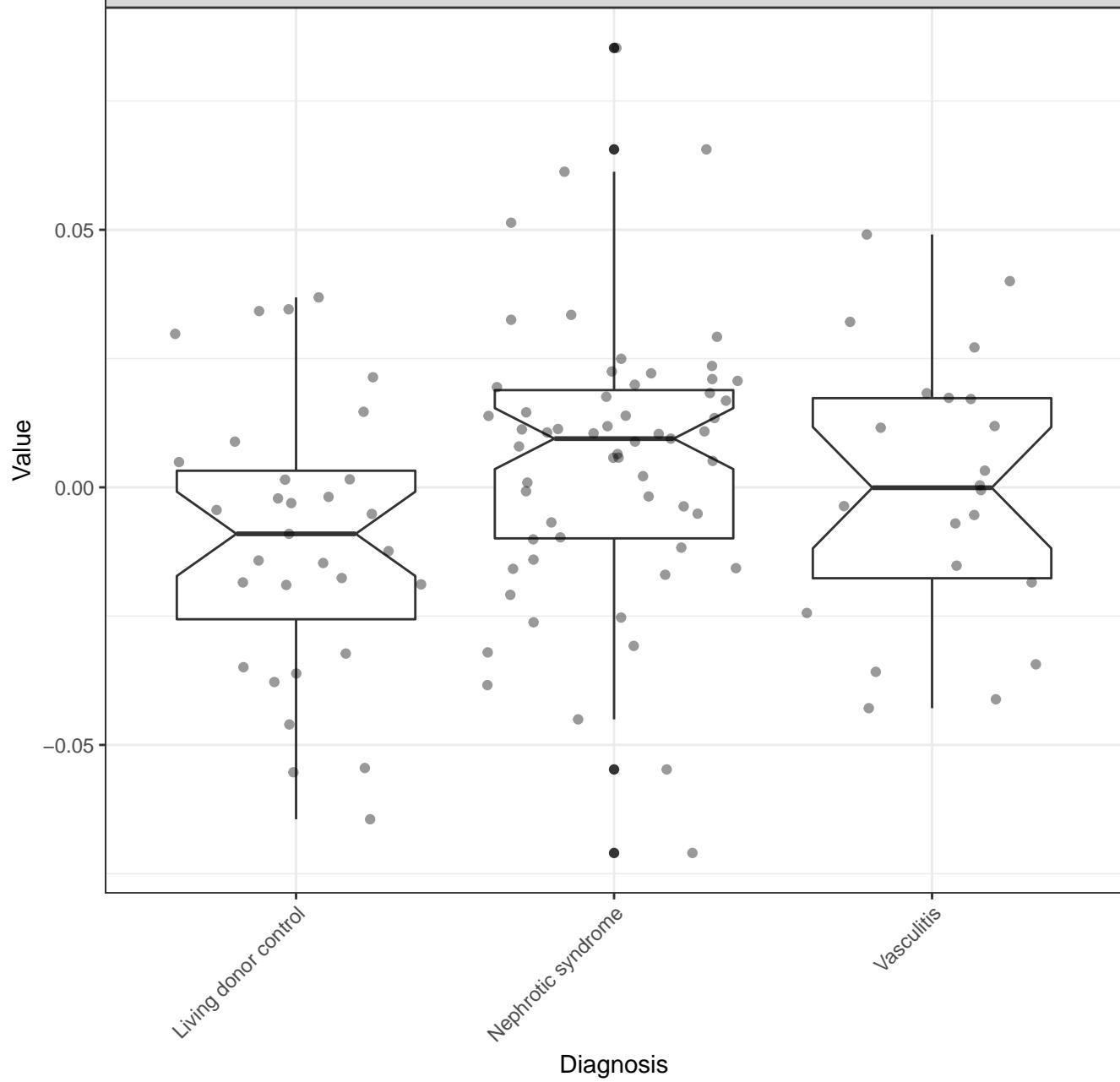
Vasculitis

Diagnosis



## 767,SVM B cells naive





LV 769

Value

0.08

0.04

0.00

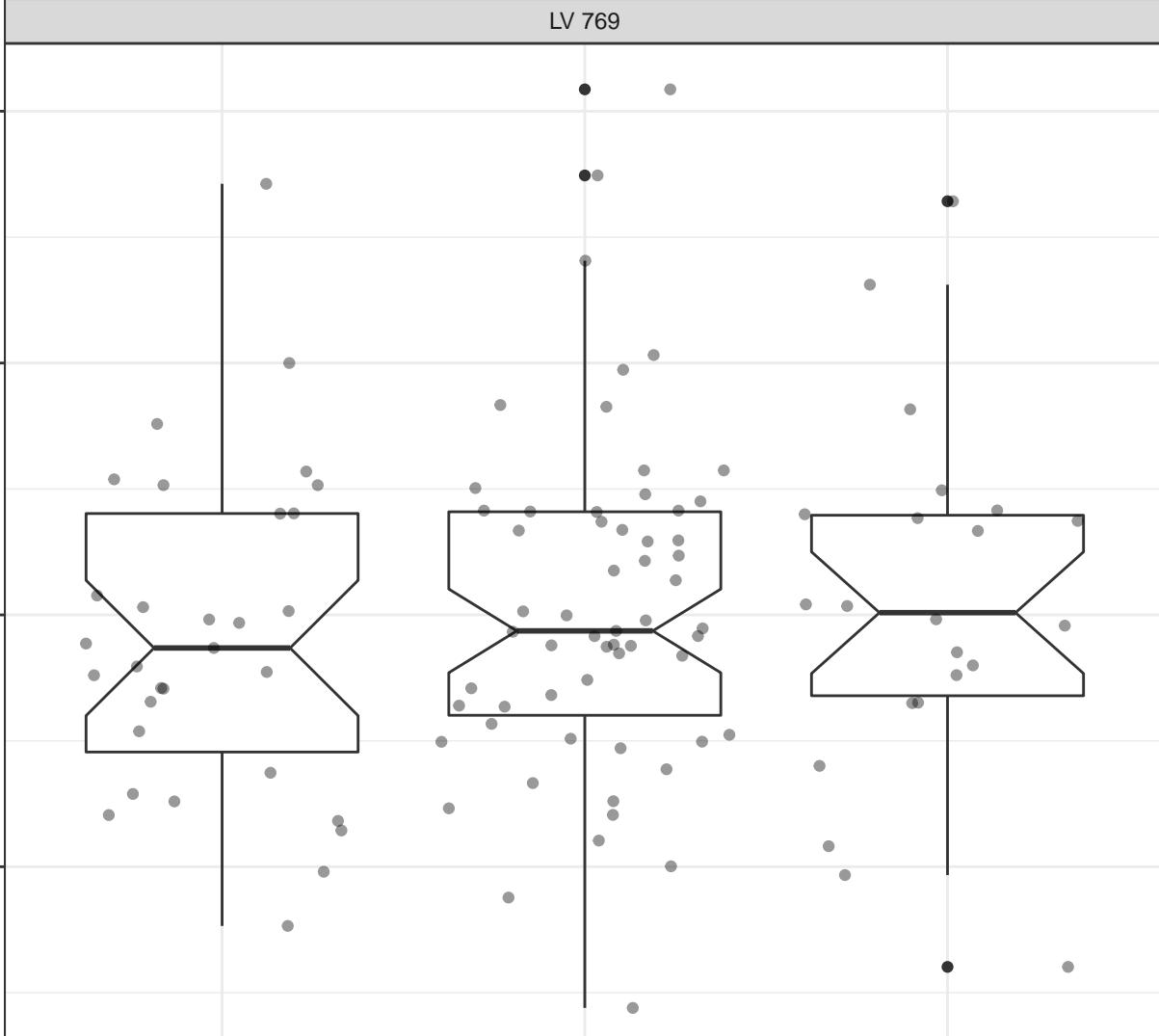
-0.04

Living donor control

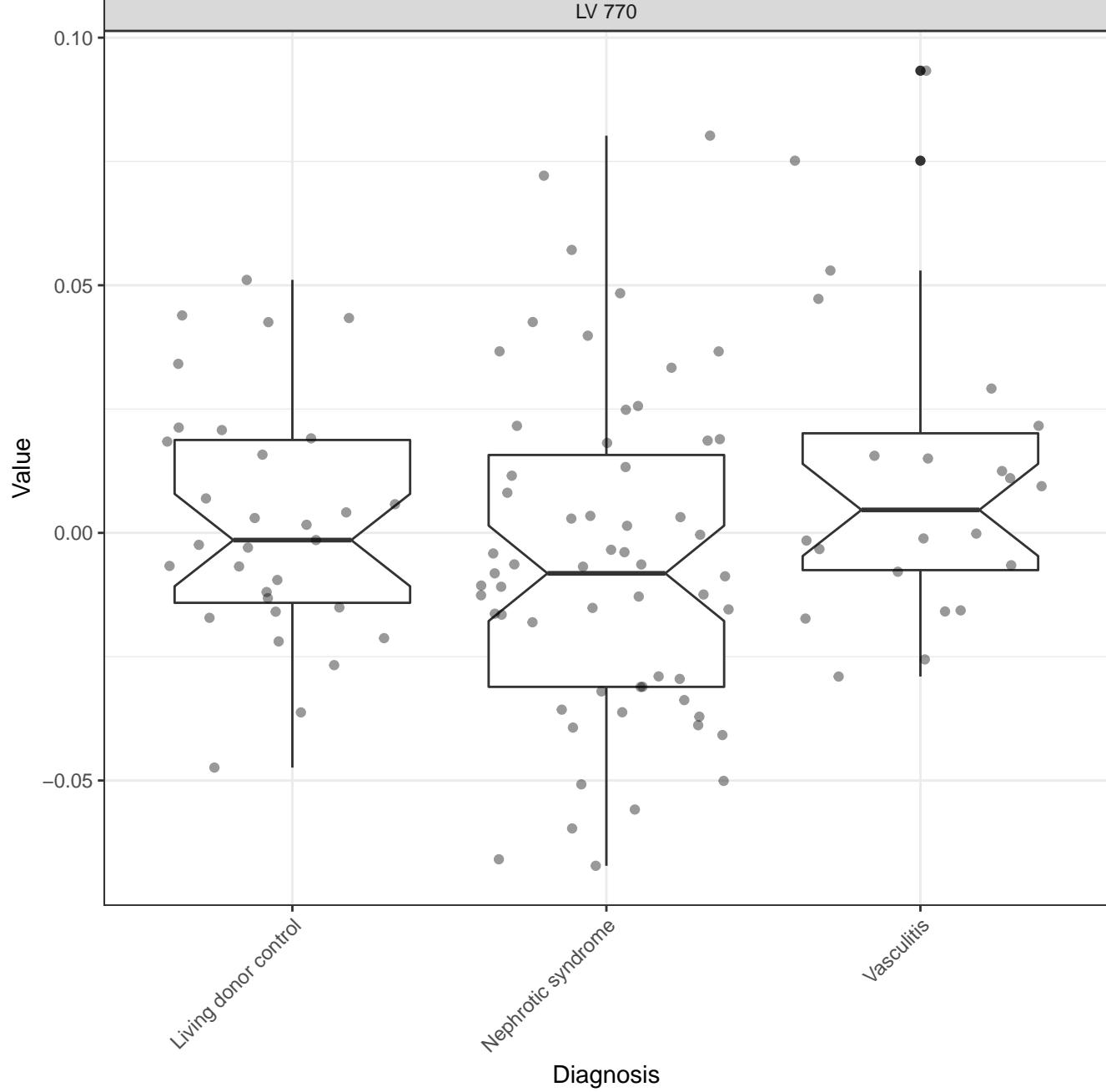
Nephrotic syndrome

Vasculitis

Diagnosis



LV 770



LV 771

Value

0.08

0.04

0.00

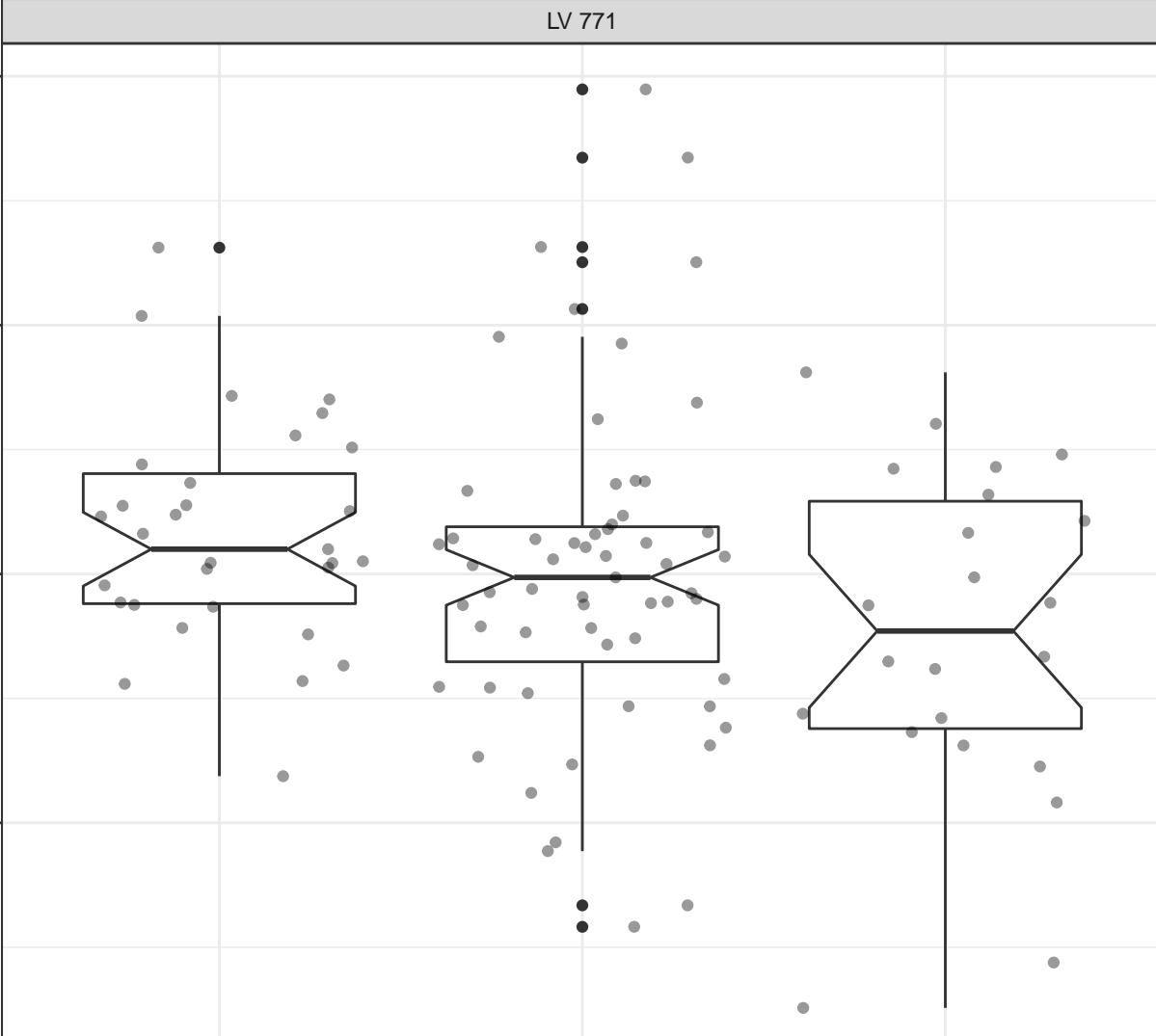
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 772

Value

0.10

0.05

0.00

-0.05

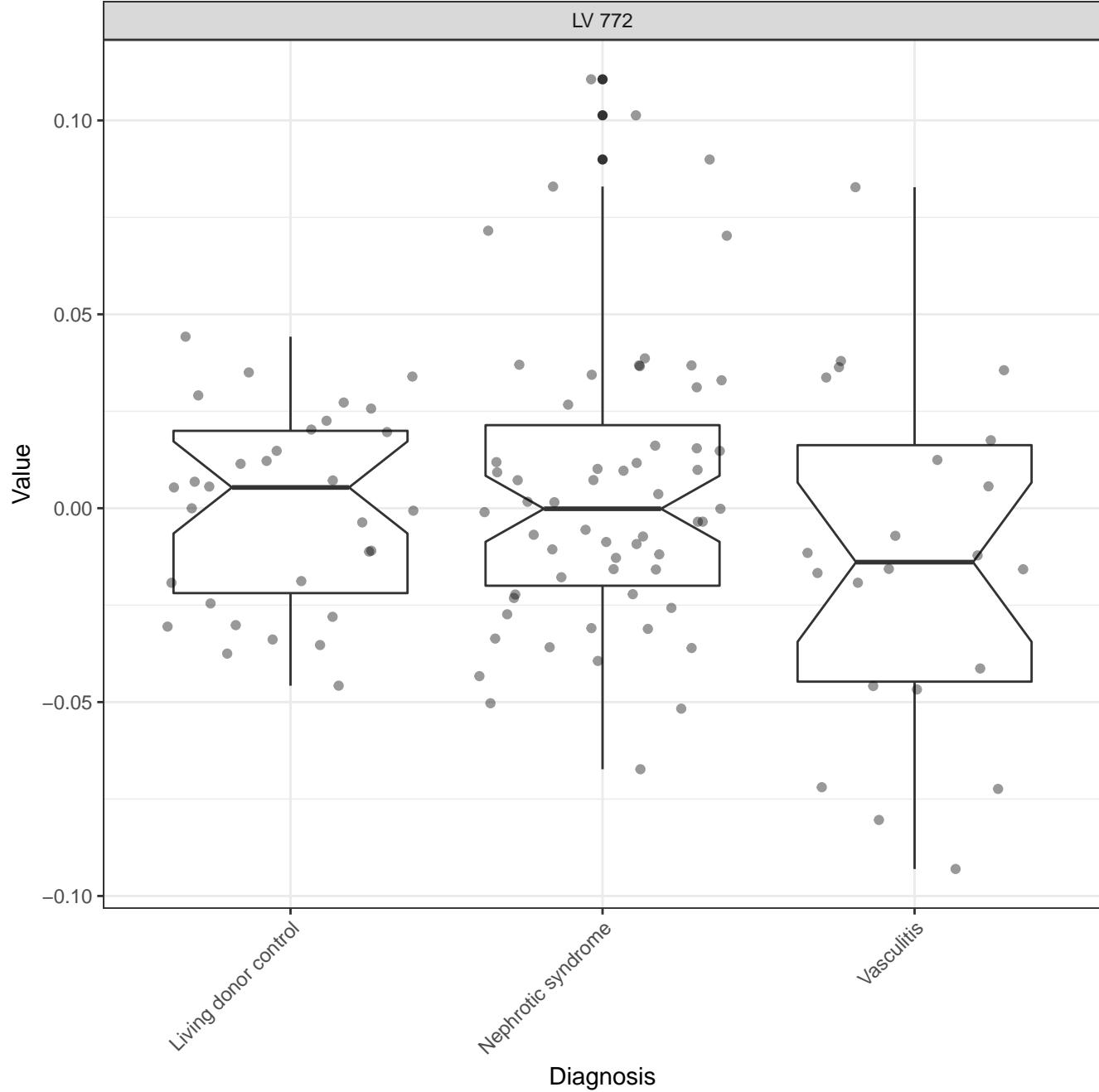
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 773

Value

0.06

0.03

0.00

-0.03

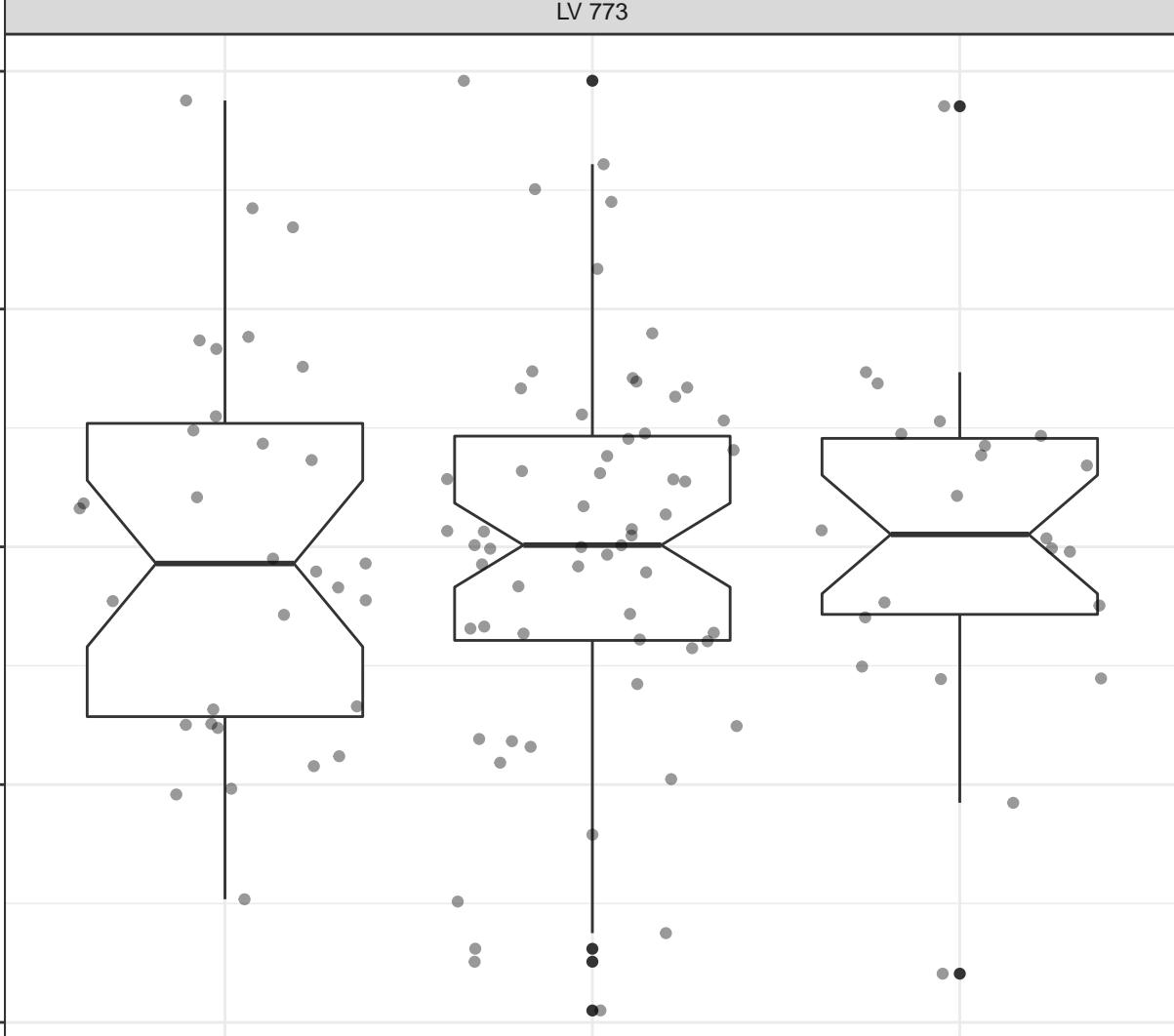
-0.06

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 774

Value

0.10

0.05

0.00

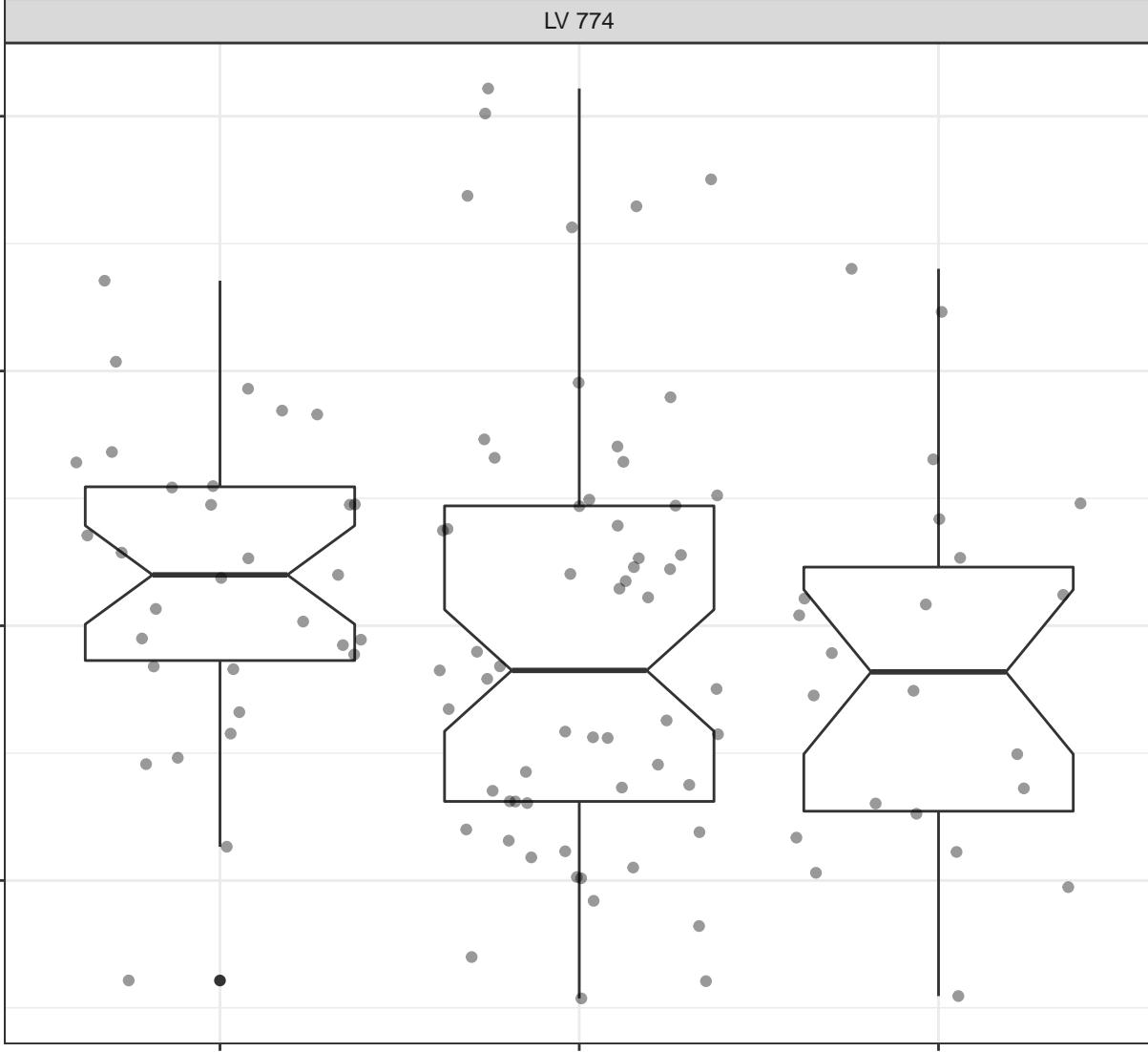
-0.05

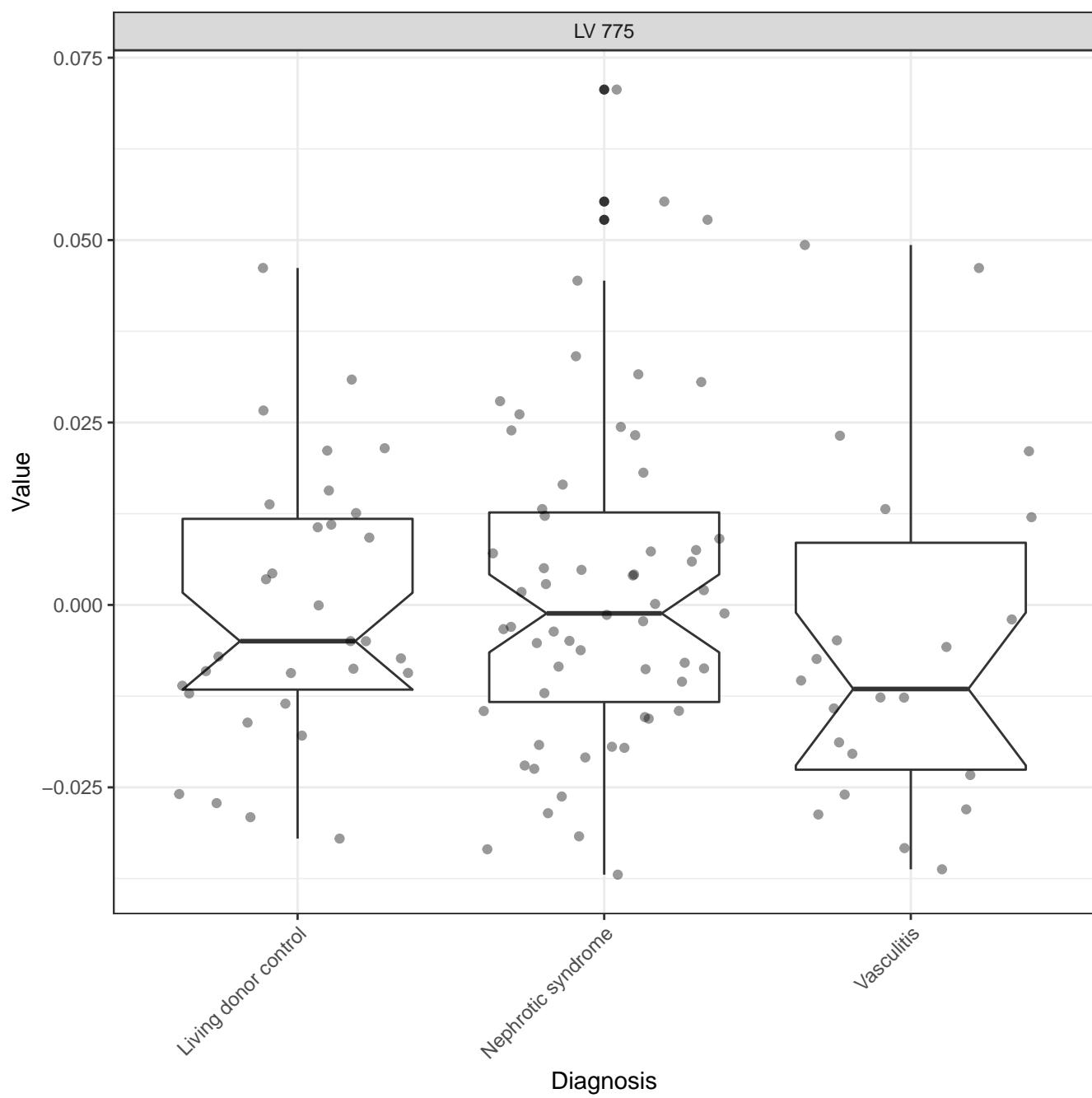
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 776

Value

0.10

0.05

0.00

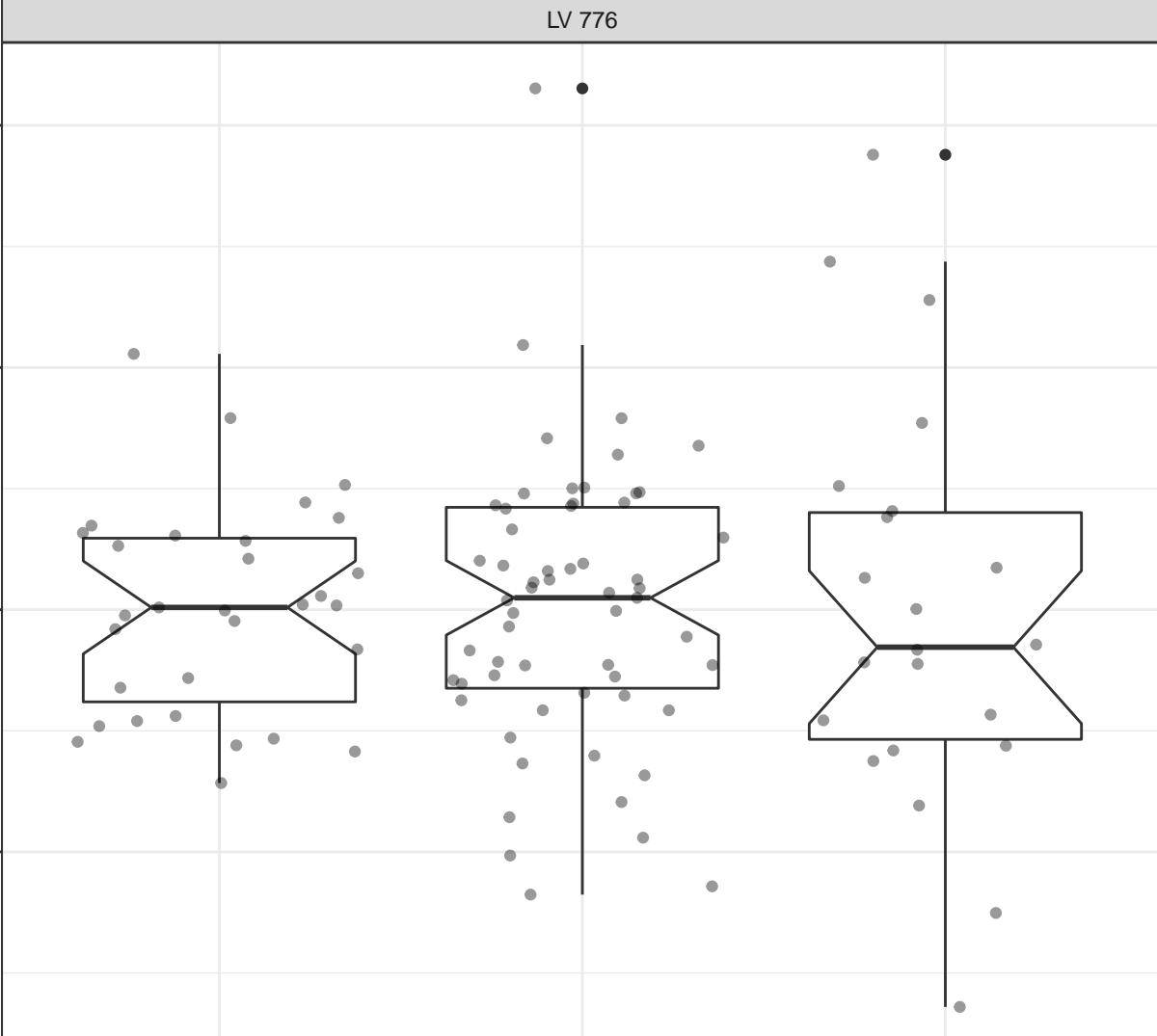
-0.05

Living donor control

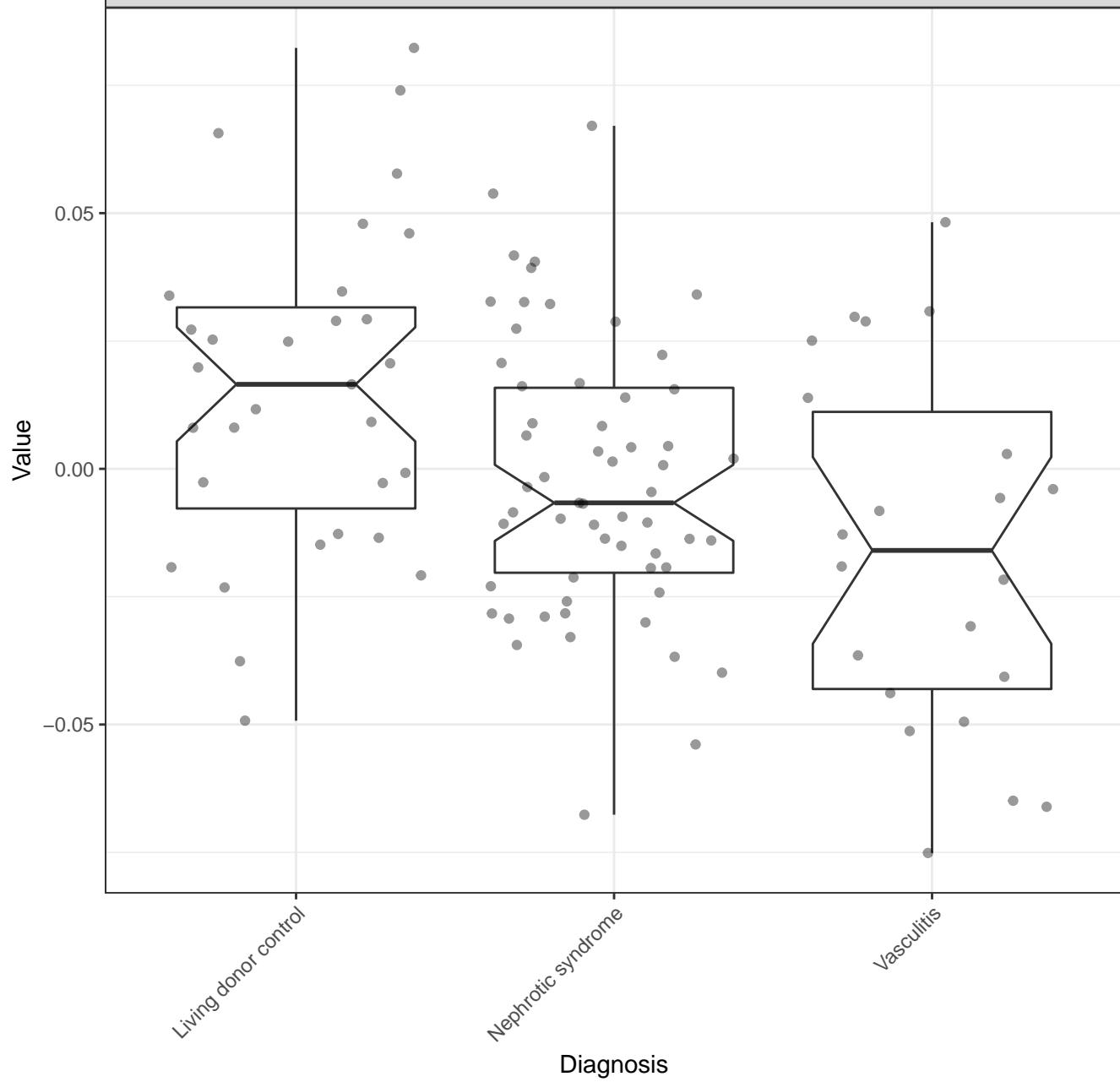
Nephrotic syndrome

Vasculitis

Diagnosis



## 777,PID\_P53DOWNSTREAMPATHWAY



LV 778

Value

0.05

0.00

-0.05

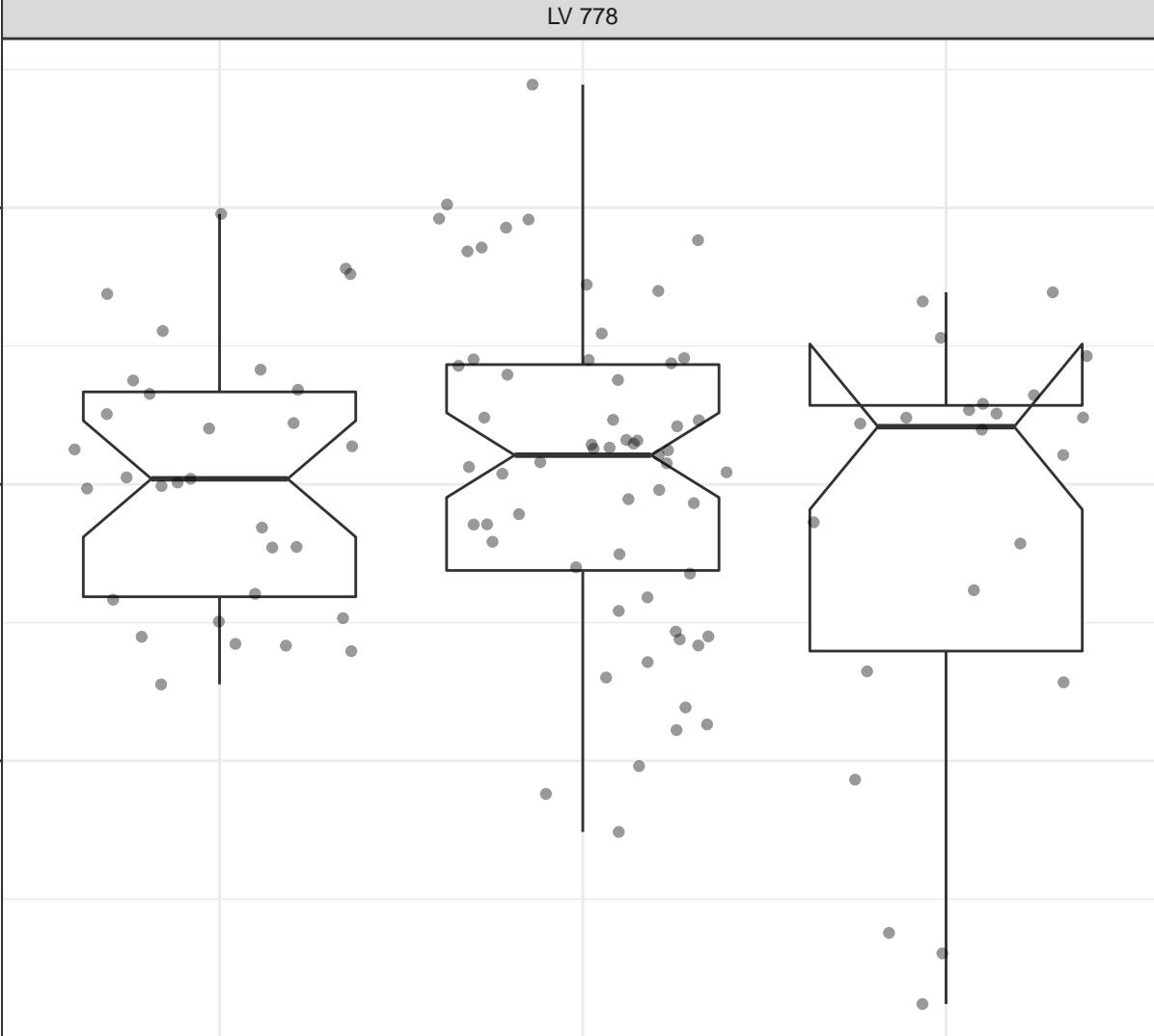
-0.10

Living donor control

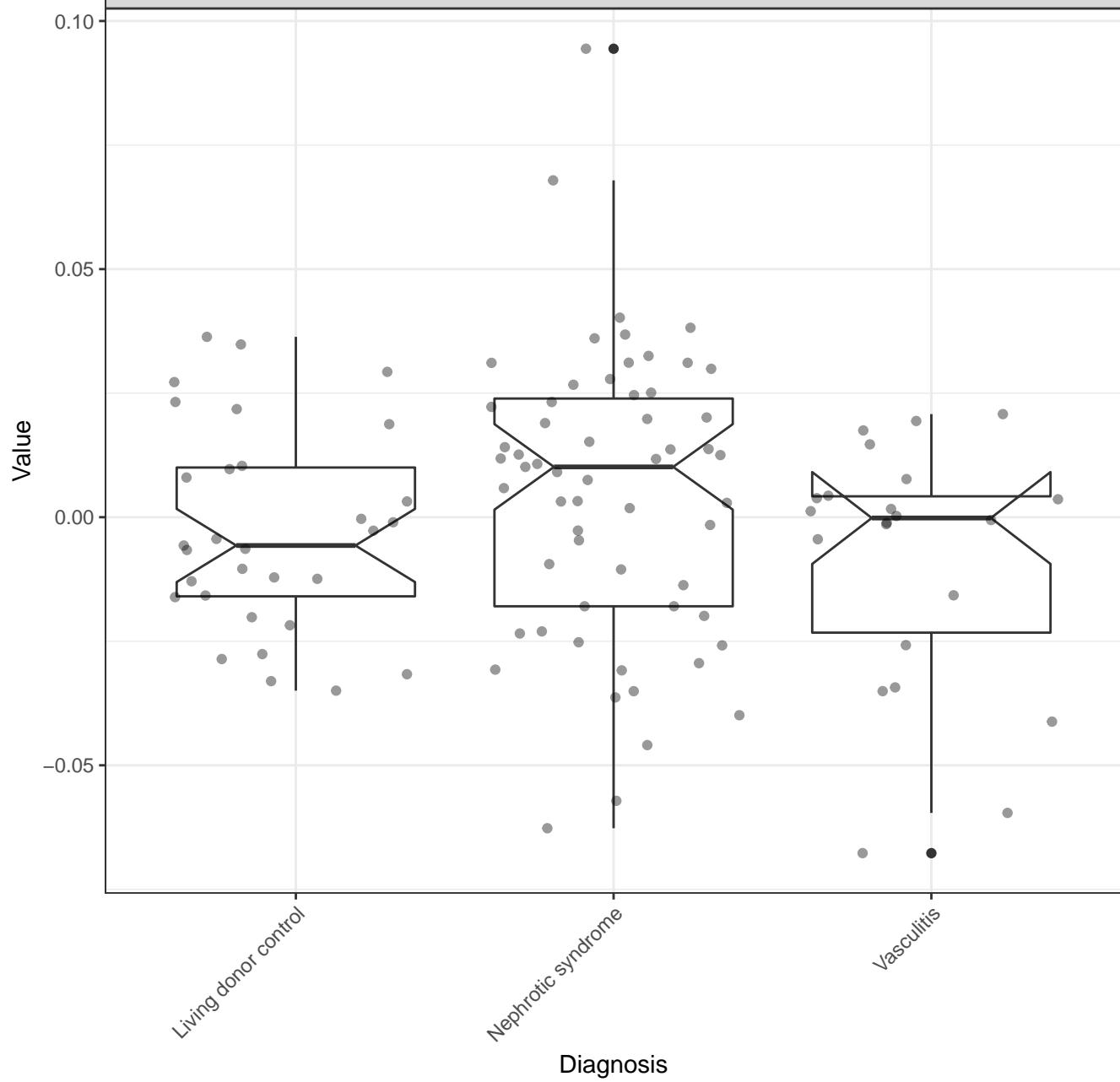
Nephrotic syndrome

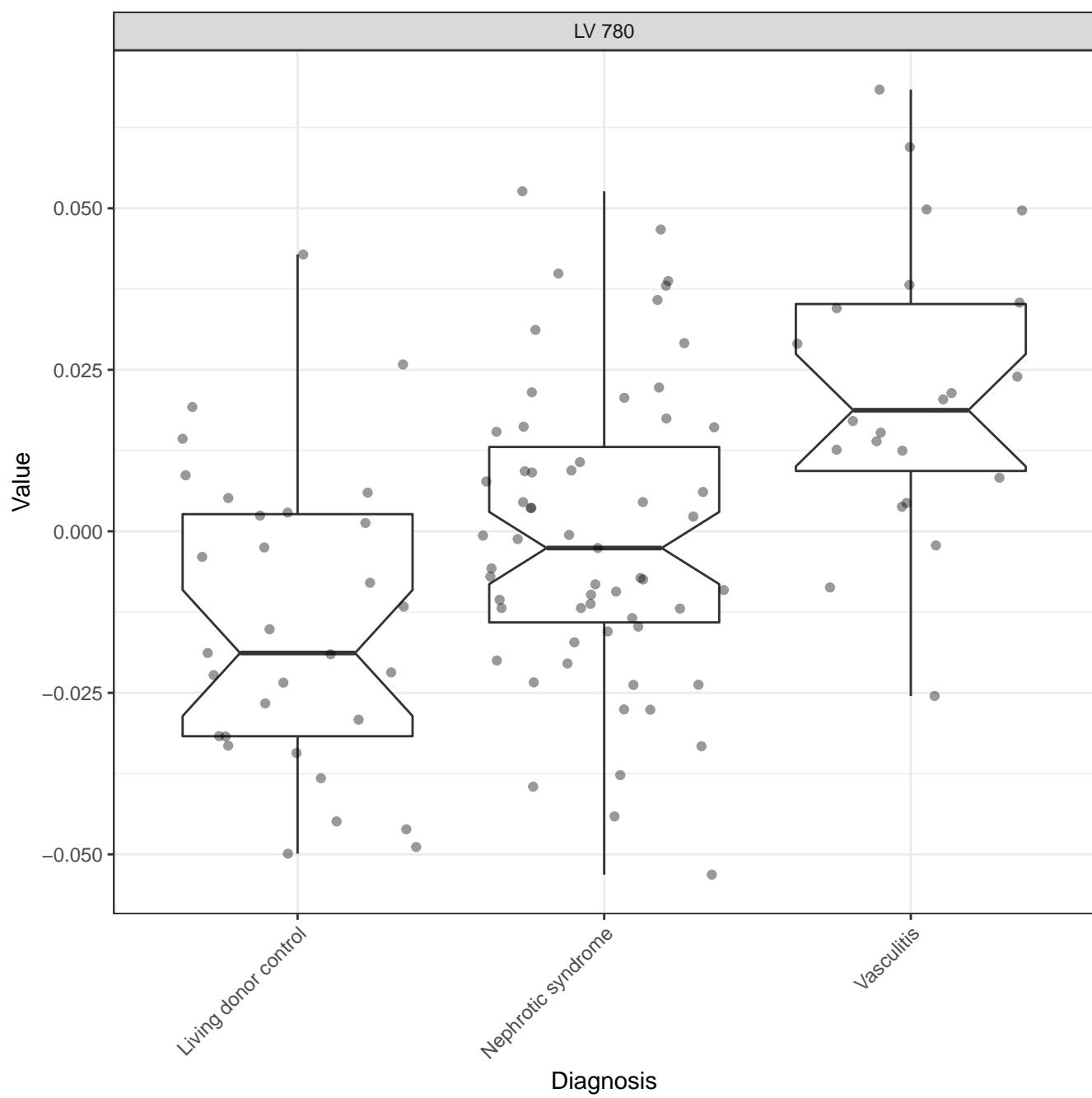
Vasculitis

Diagnosis



LV 779





Value

0.04

0.00

-0.04

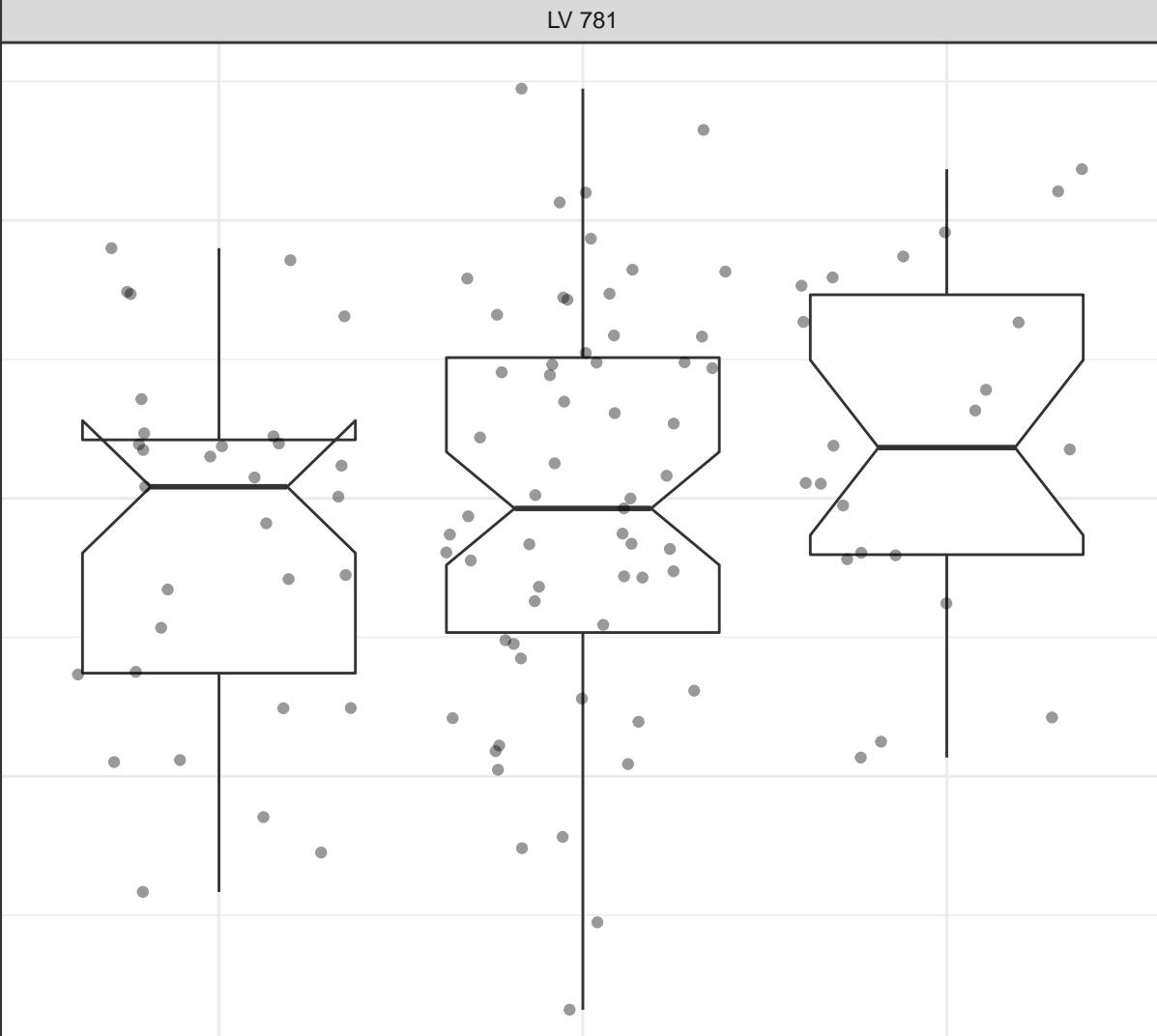
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 782

Value

0.05

0.00

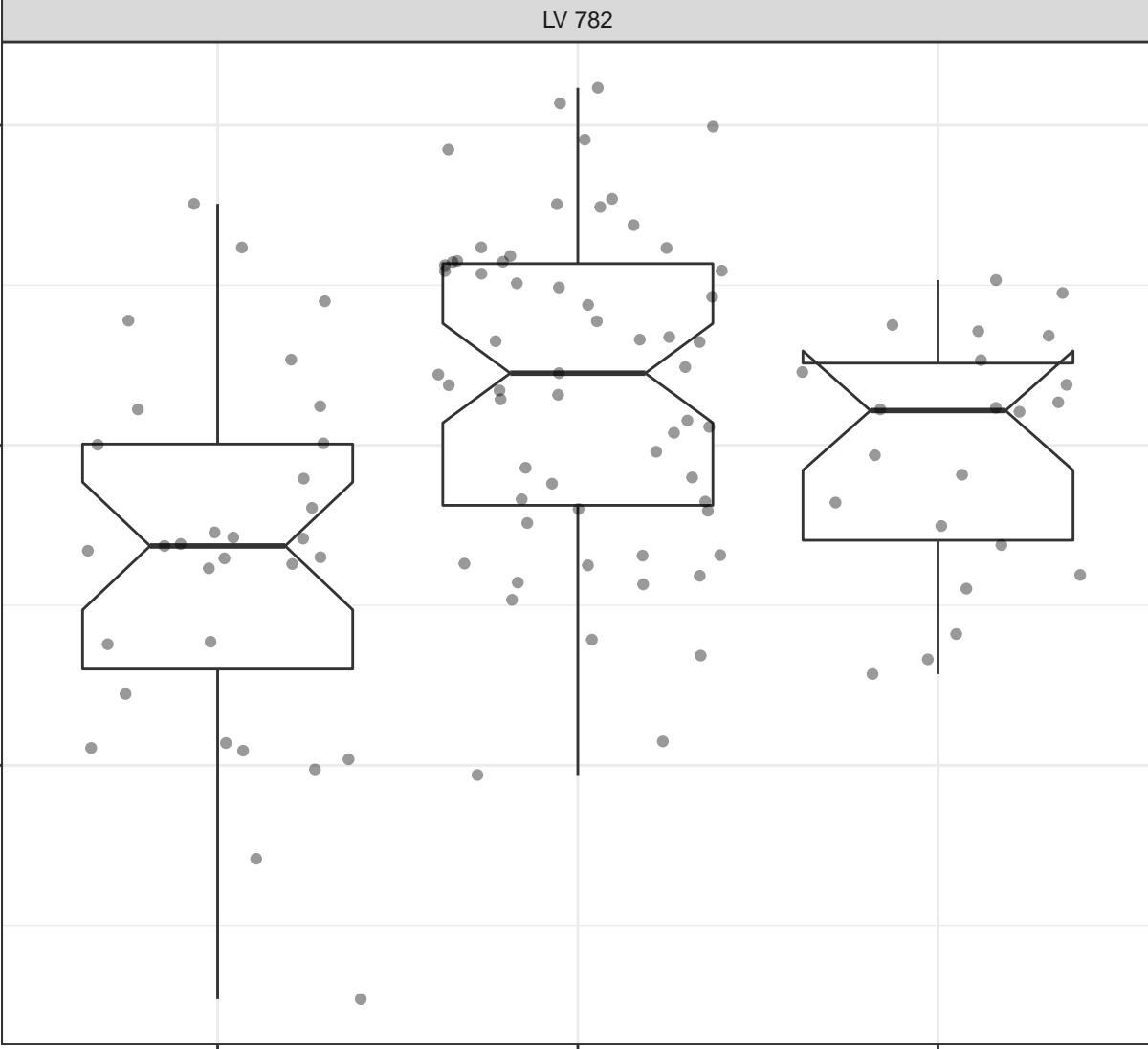
-0.05

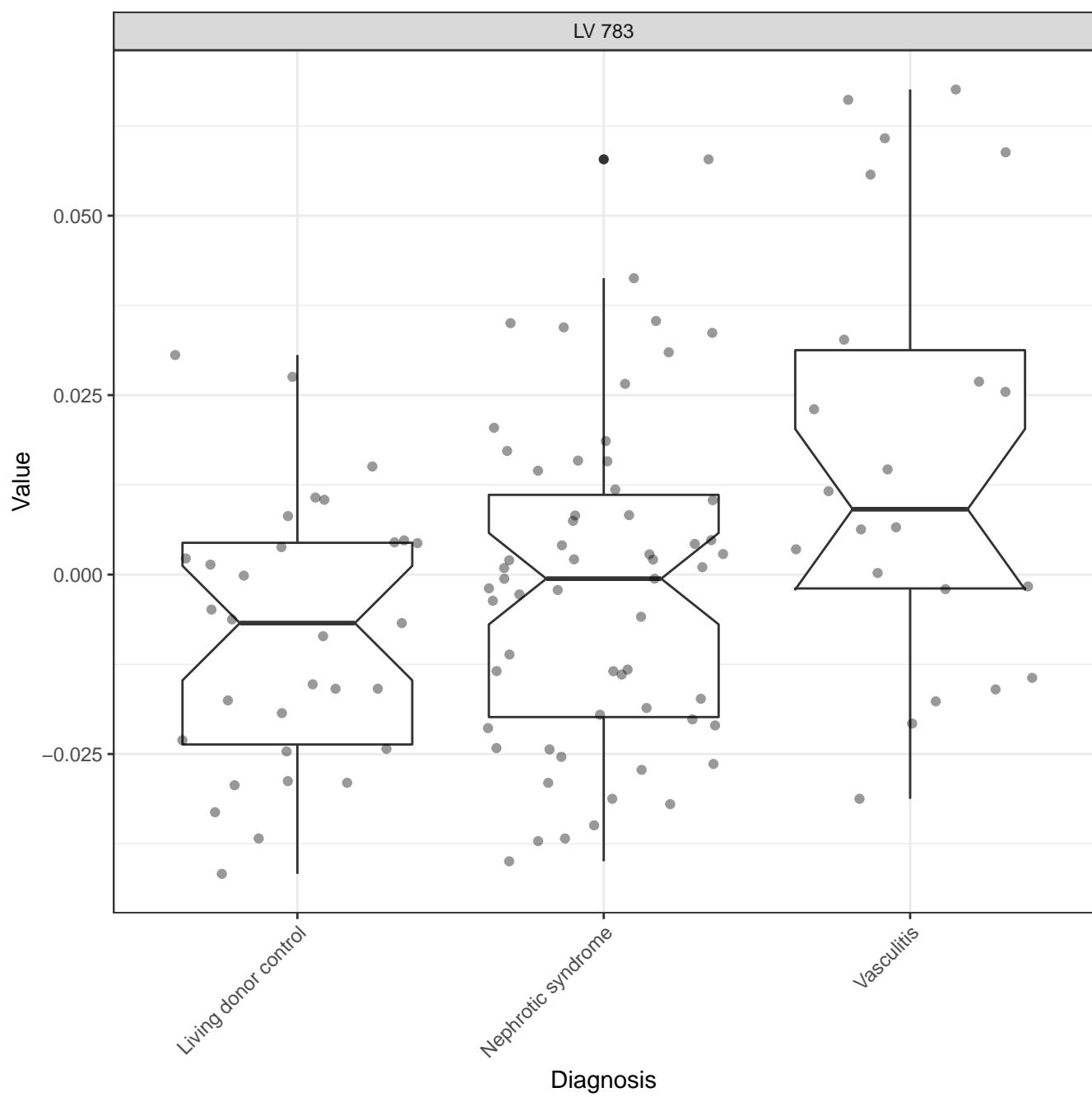
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 784

Value

0.05

0.00

-0.05

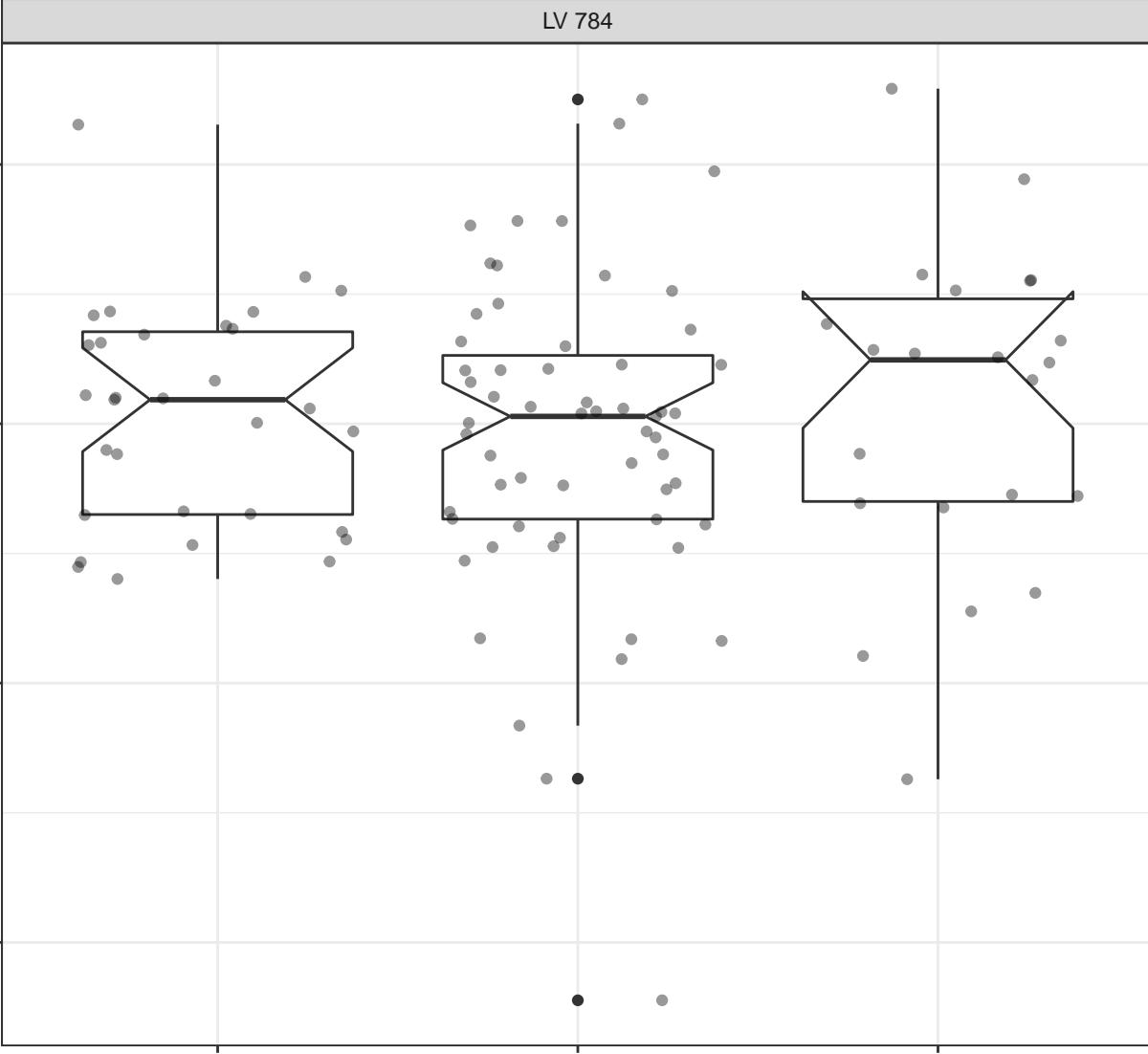
-0.10

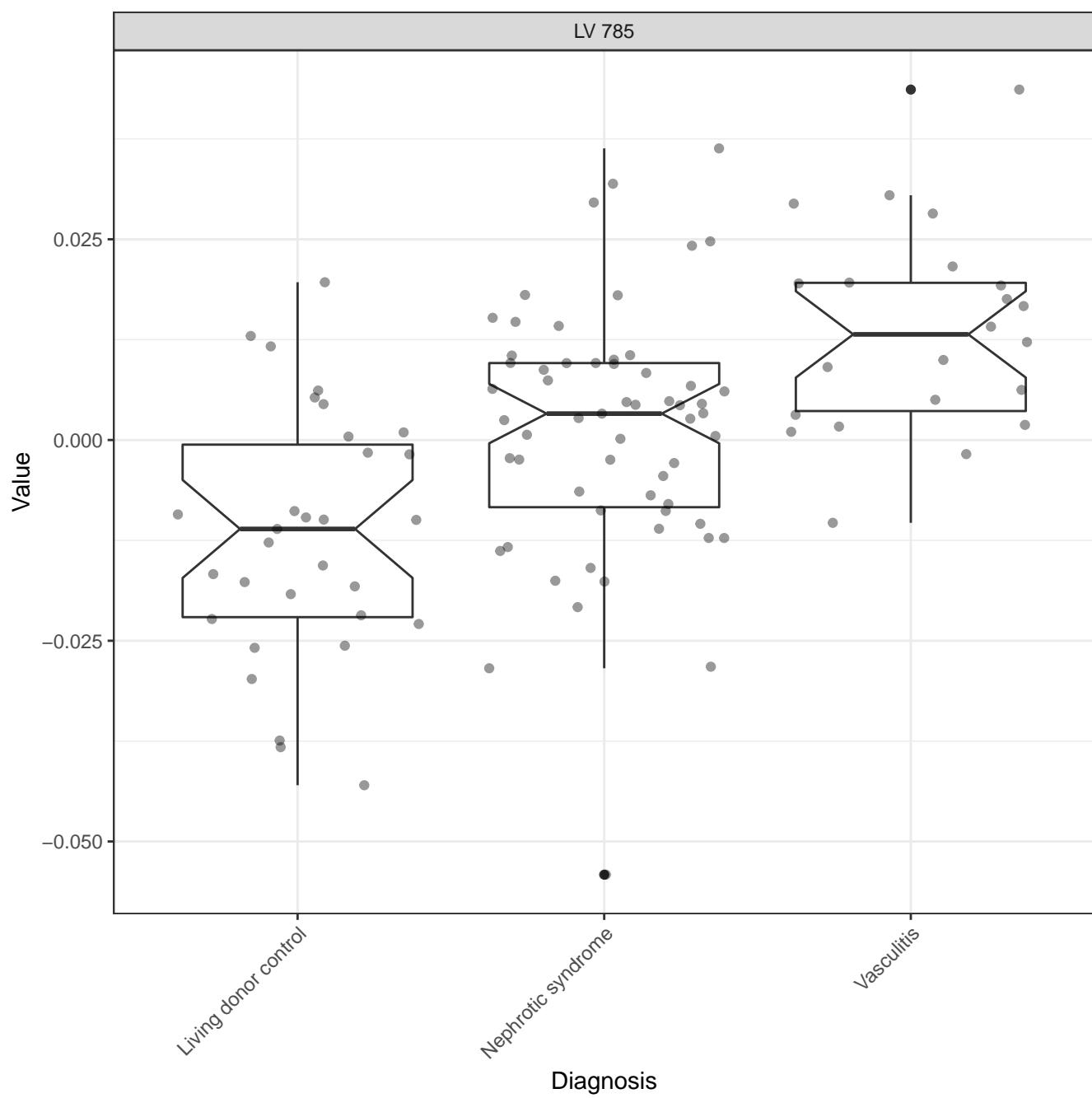
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.04

0.00

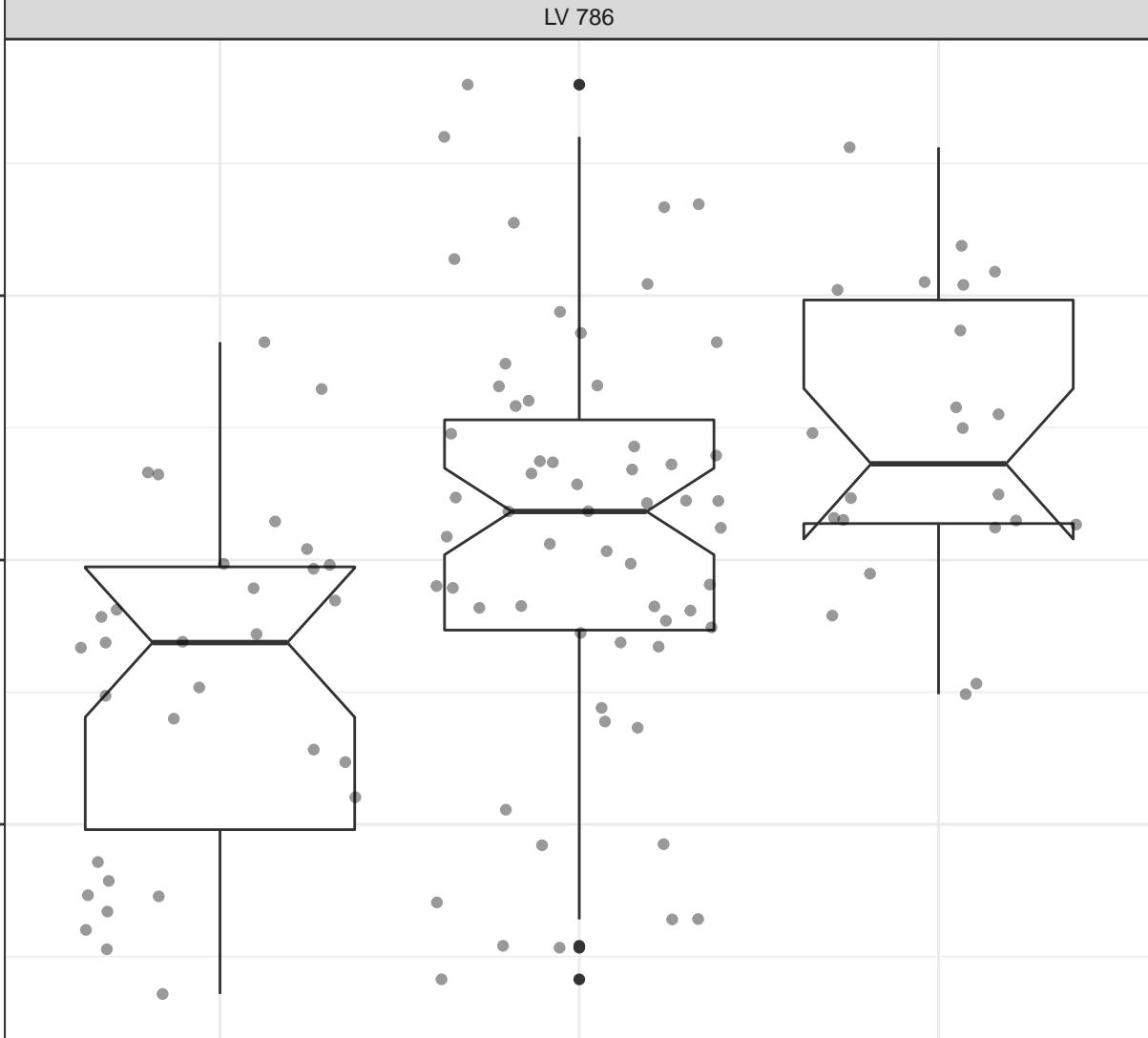
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.1

0.0

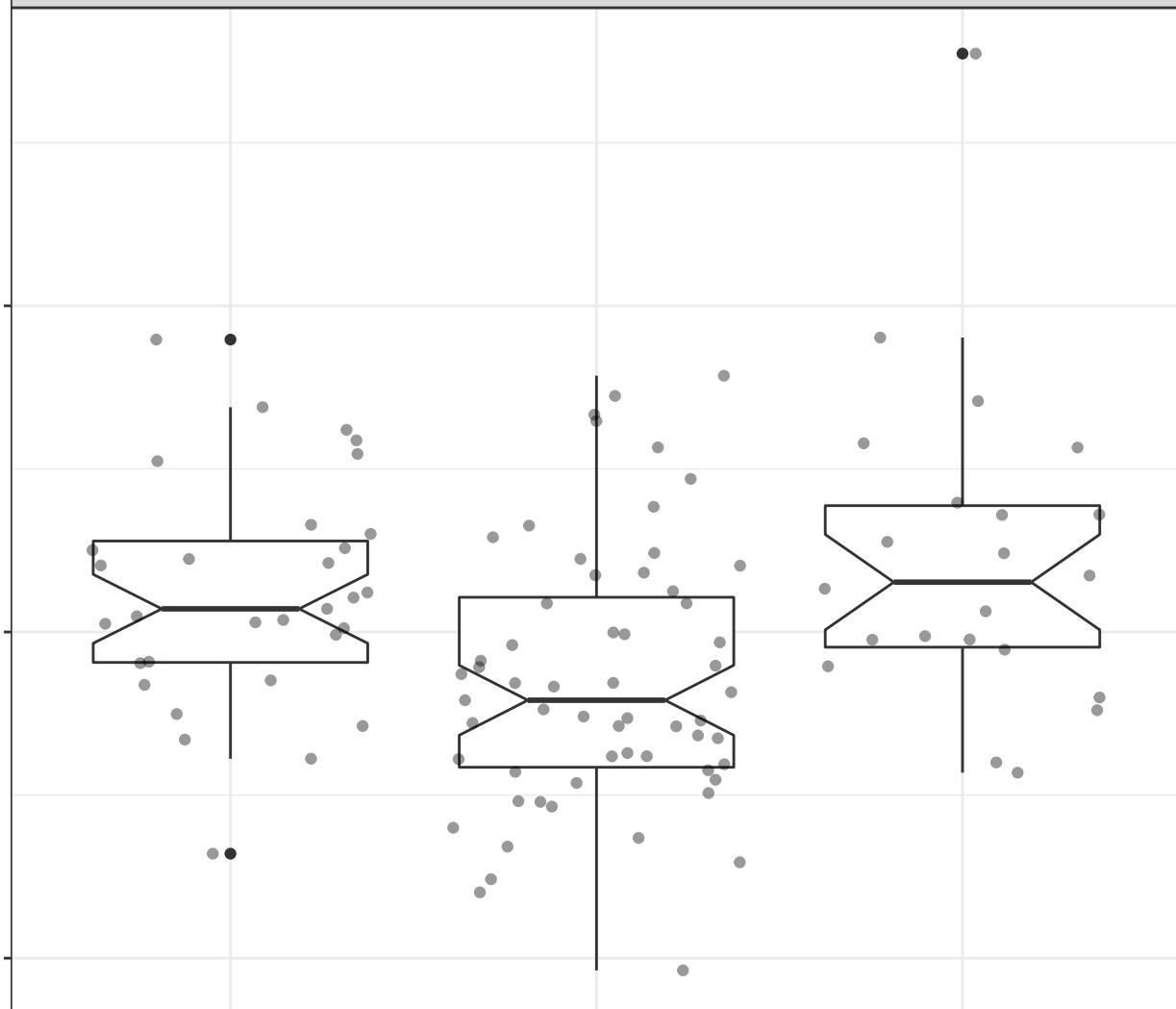
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 788

Value

0.08

0.04

0.00

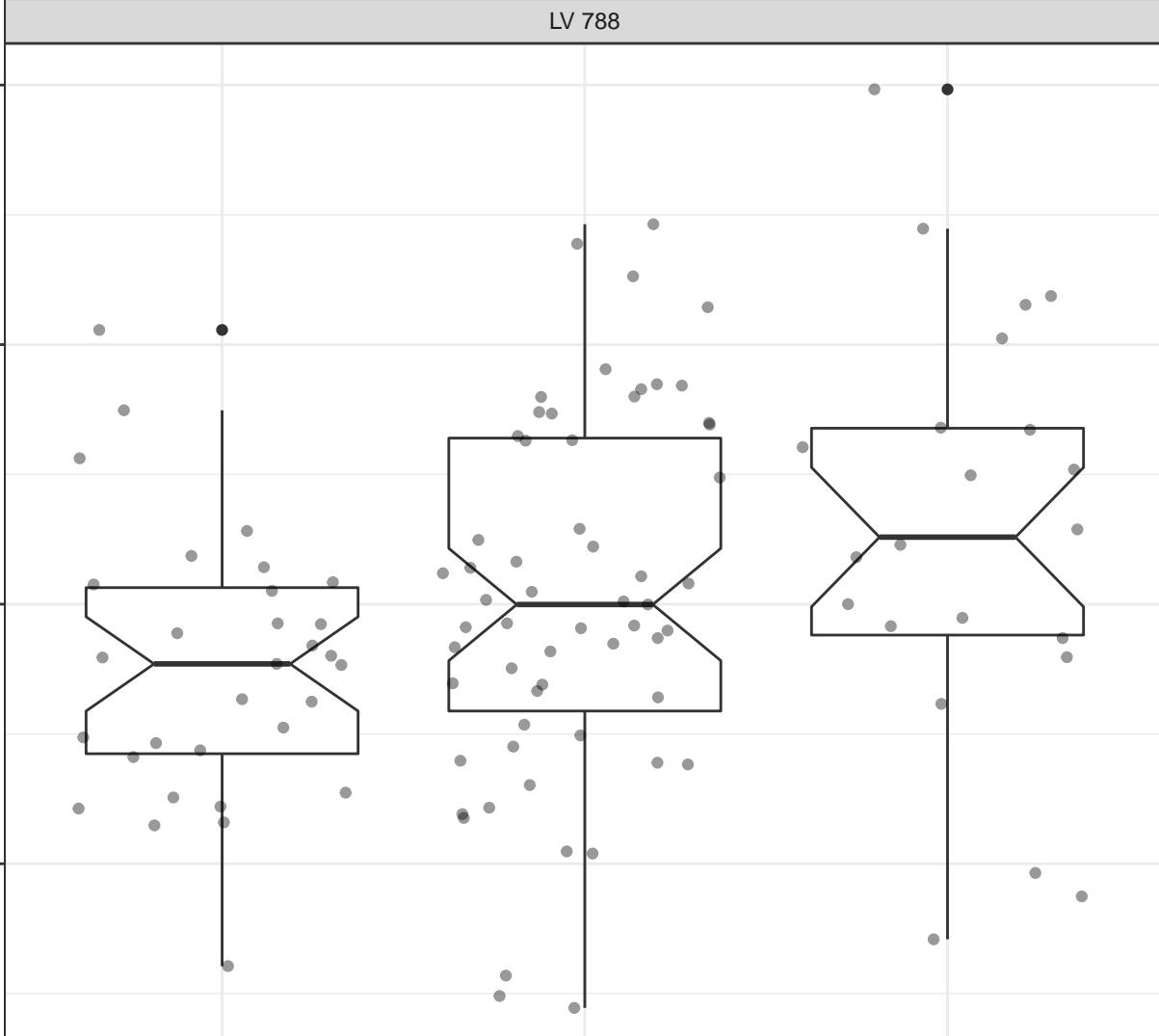
-0.04

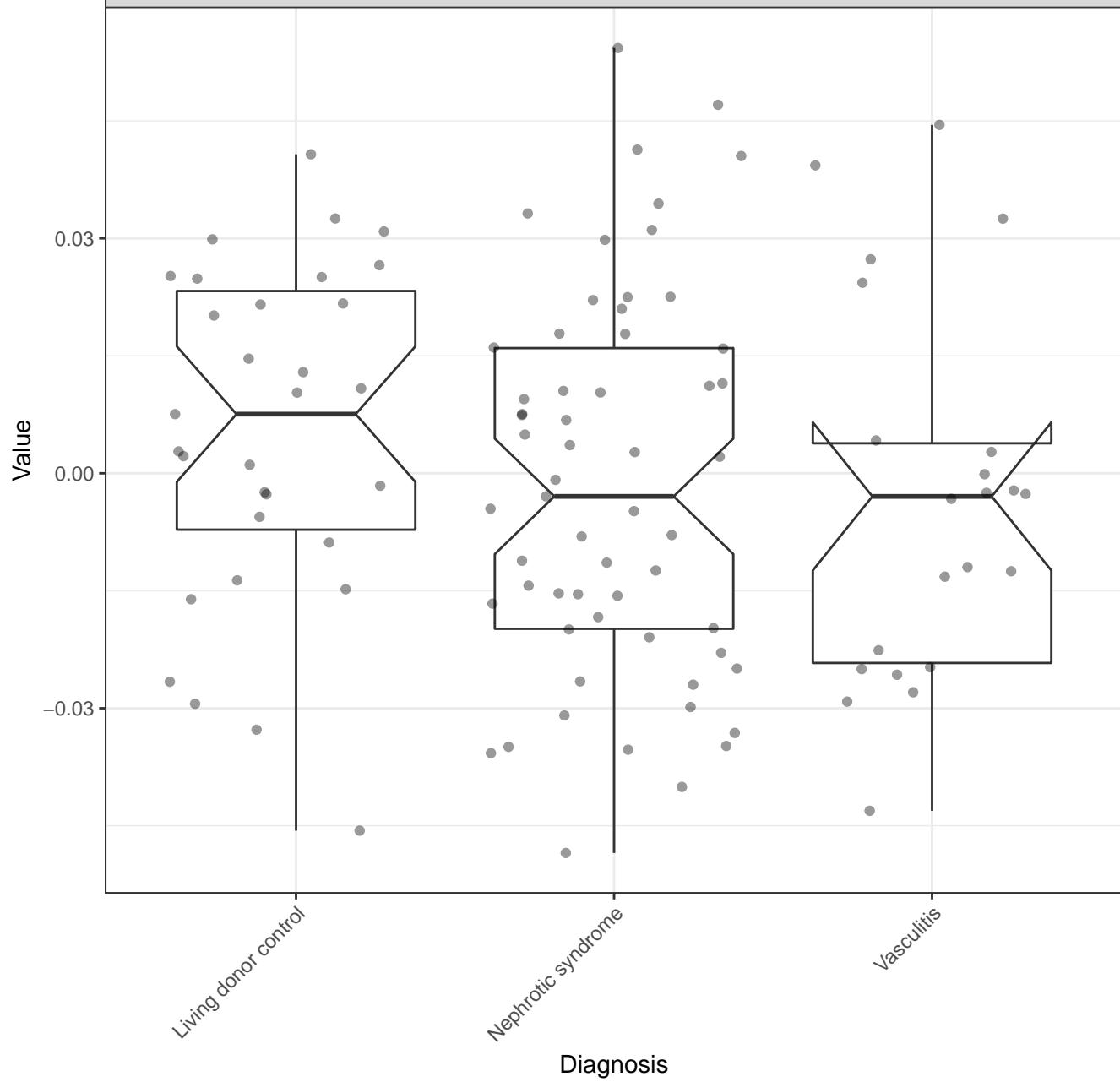
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 790

Value

0.1

0.0

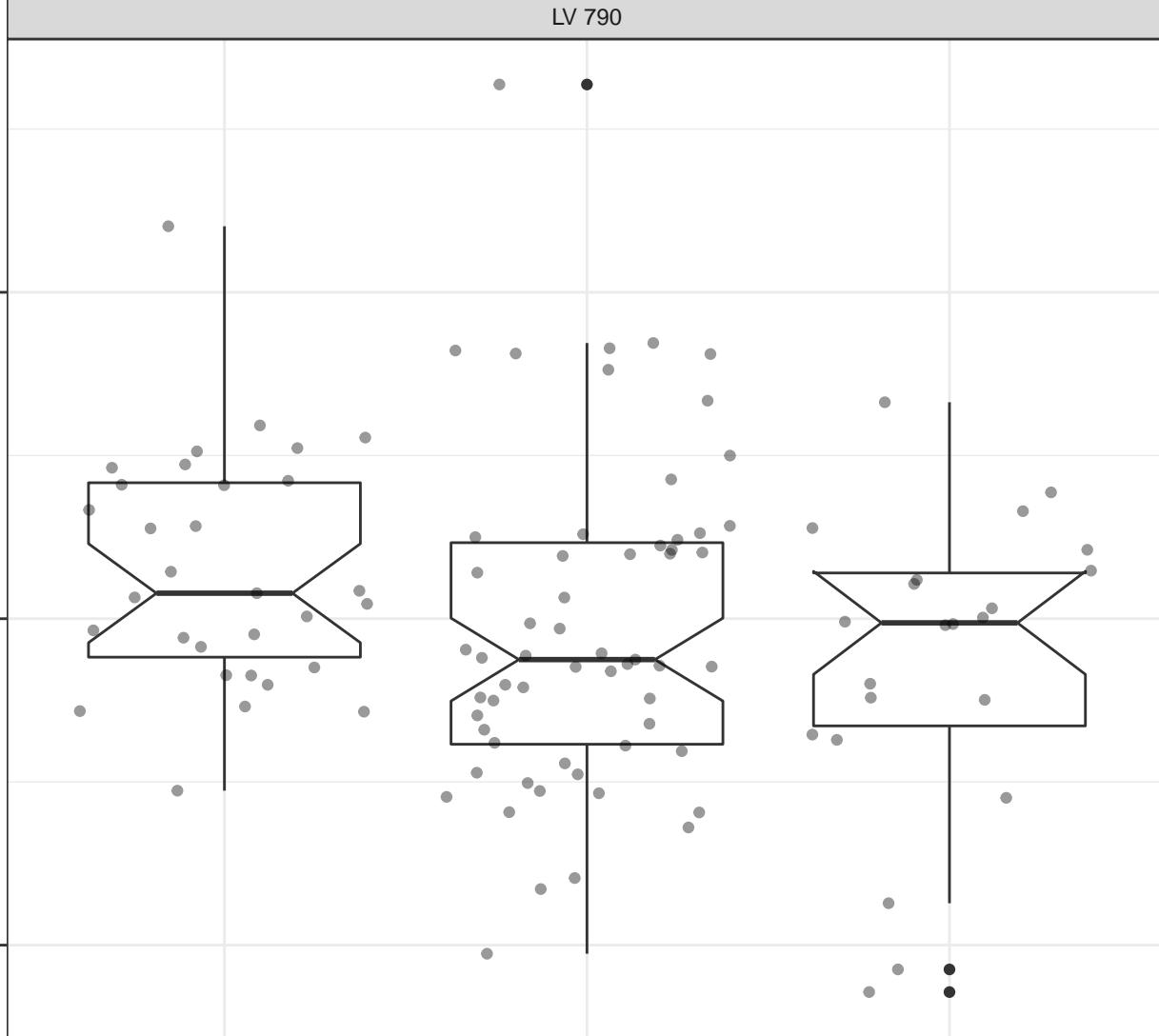
-0.1

Living donor control

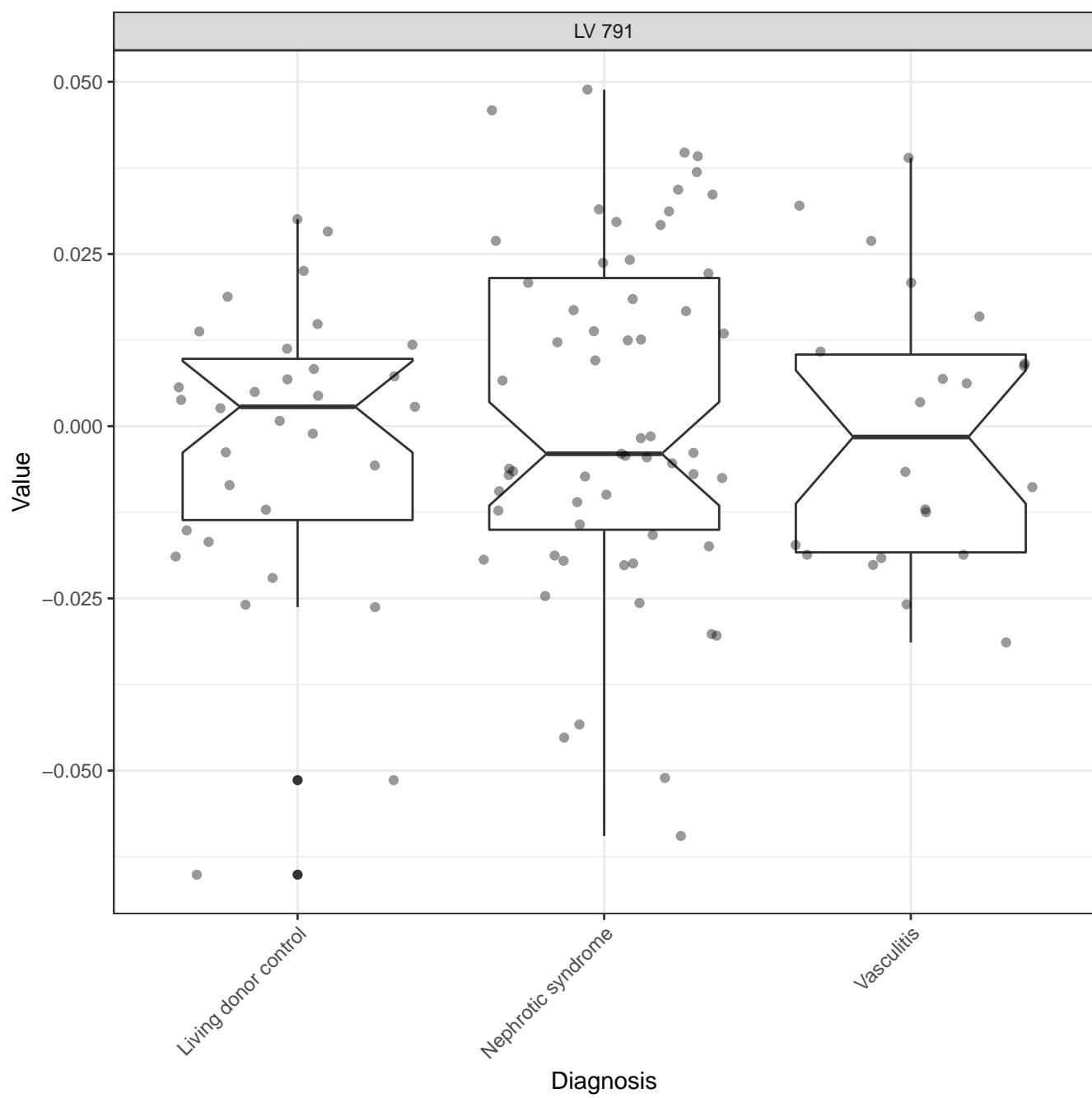
Nephrotic syndrome

Vasculitis

Diagnosis



LV 791



Value

0.05

0.00

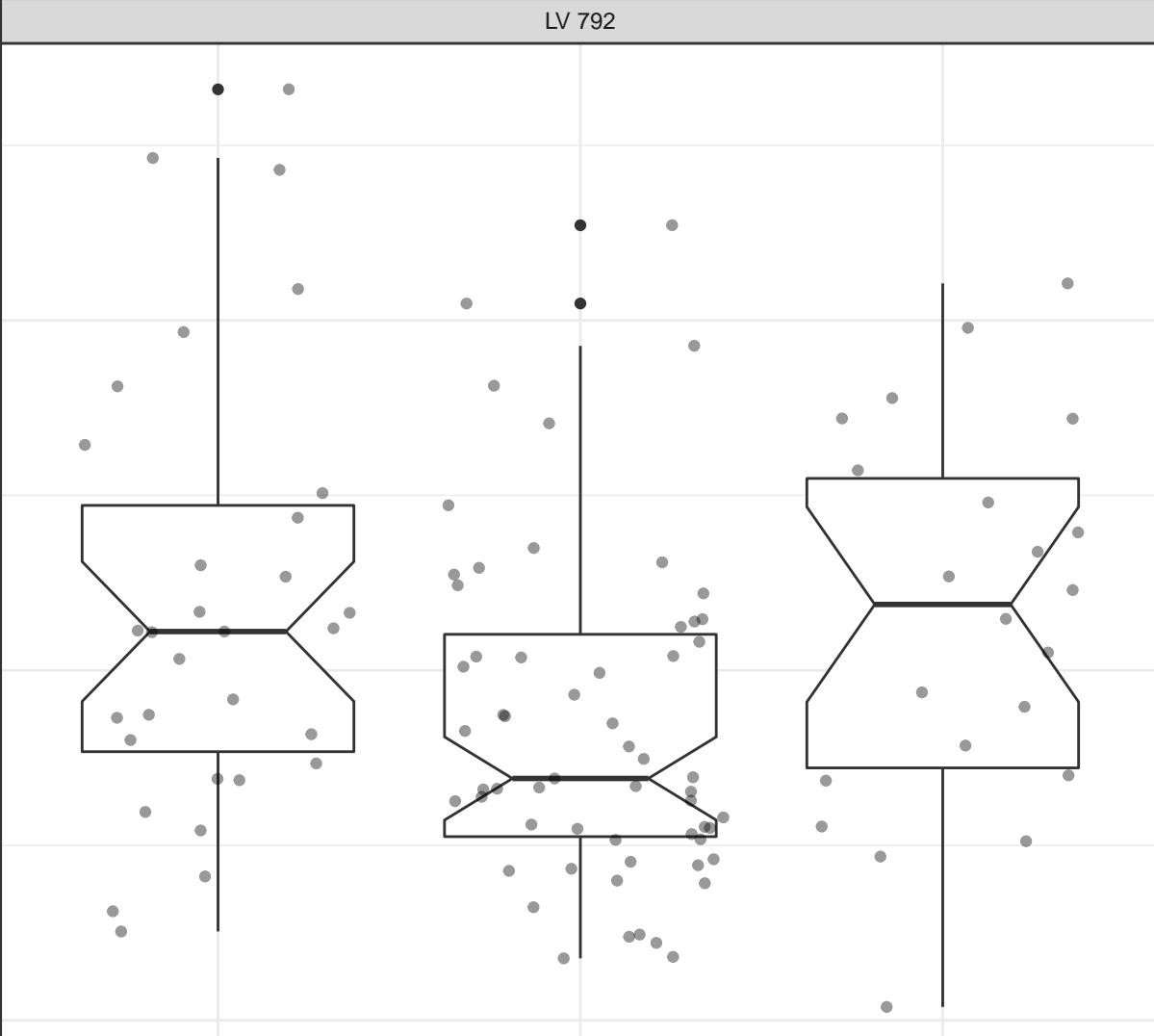
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 793

Value

0.05

0.01

-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

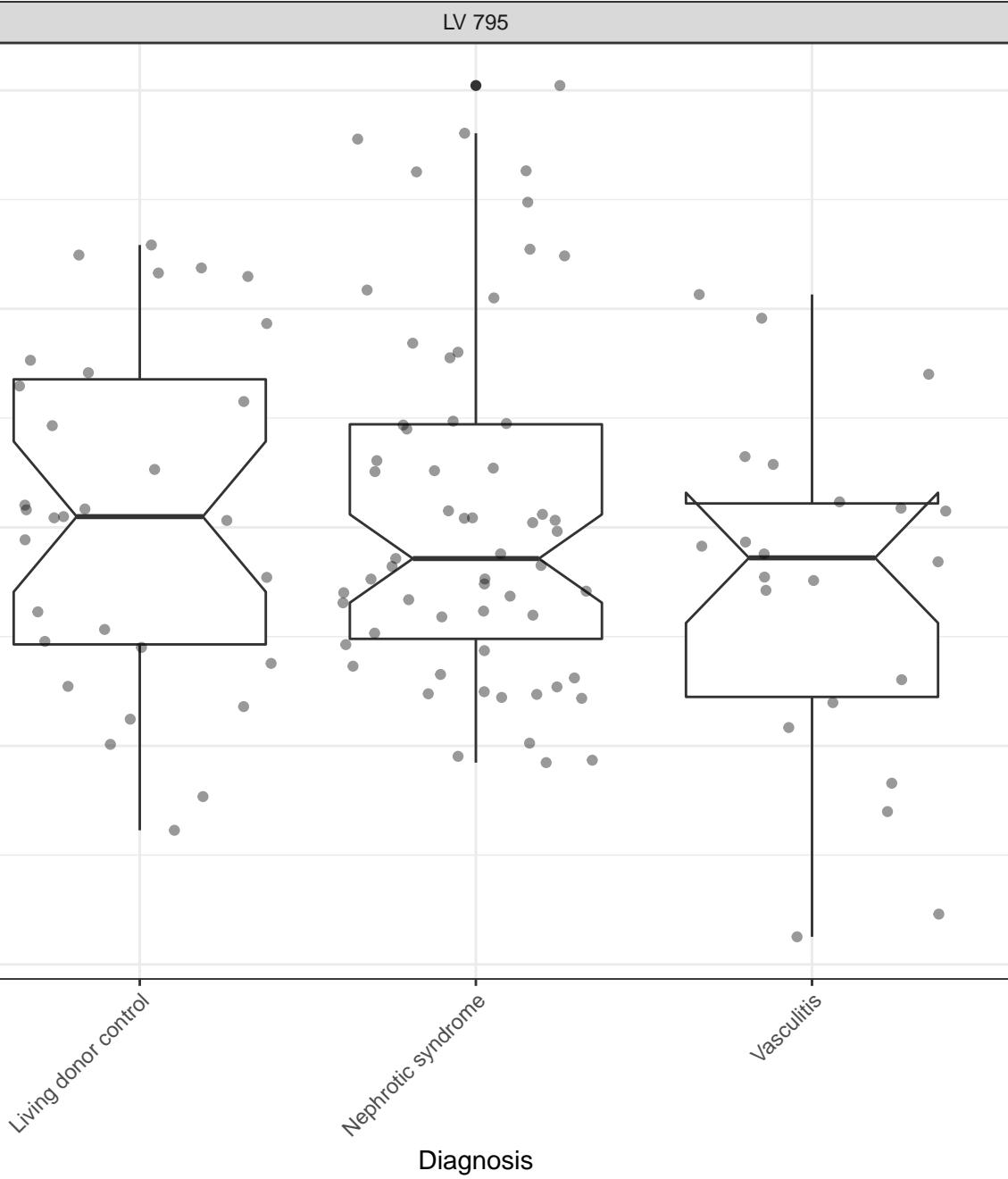
0.06  
0.03  
0.00  
-0.03  
-0.06

Living donor control

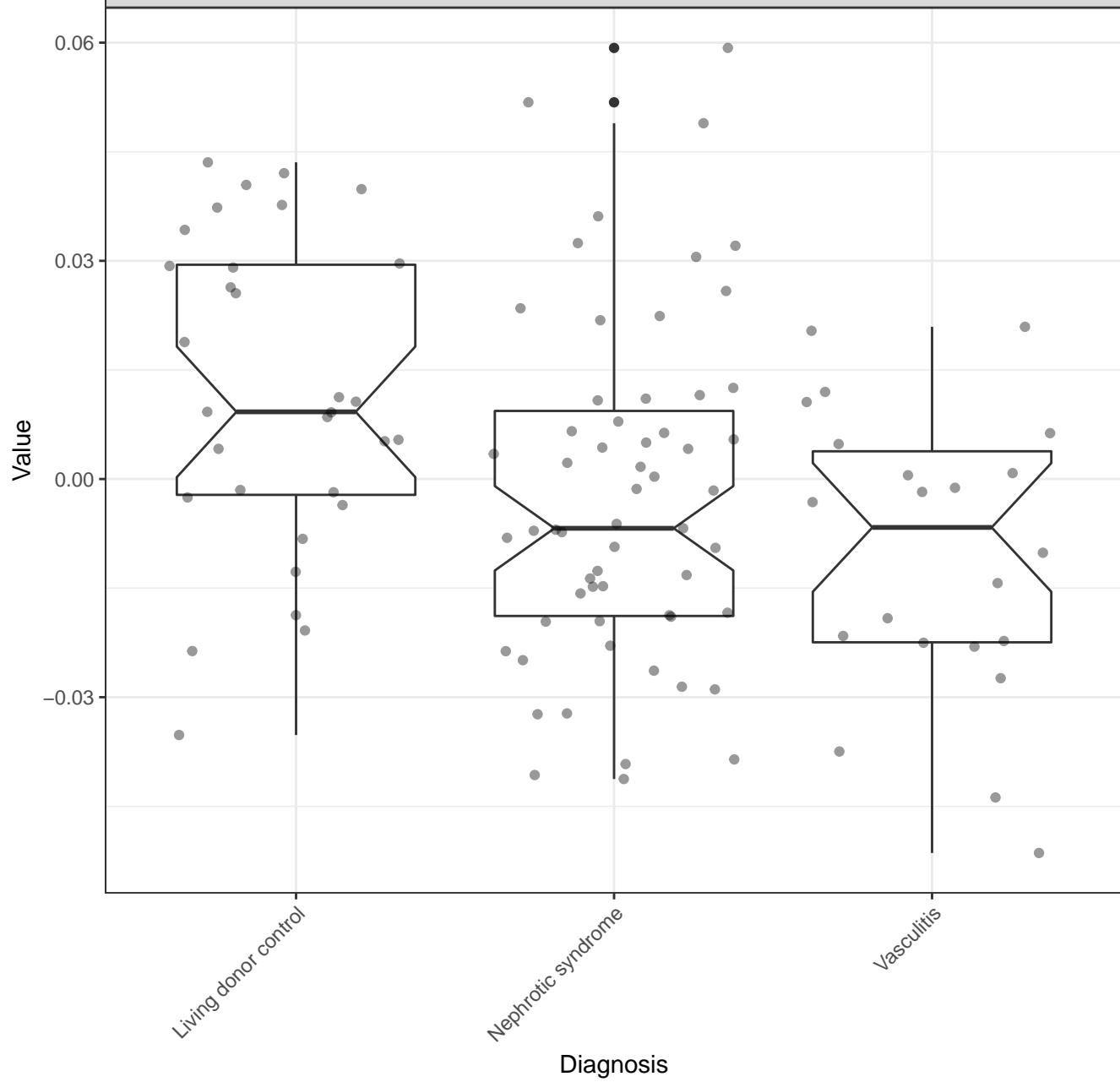
Nephrotic syndrome

Vasculitis

Diagnosis



LV 796



Value

0.10

0.05

0.00

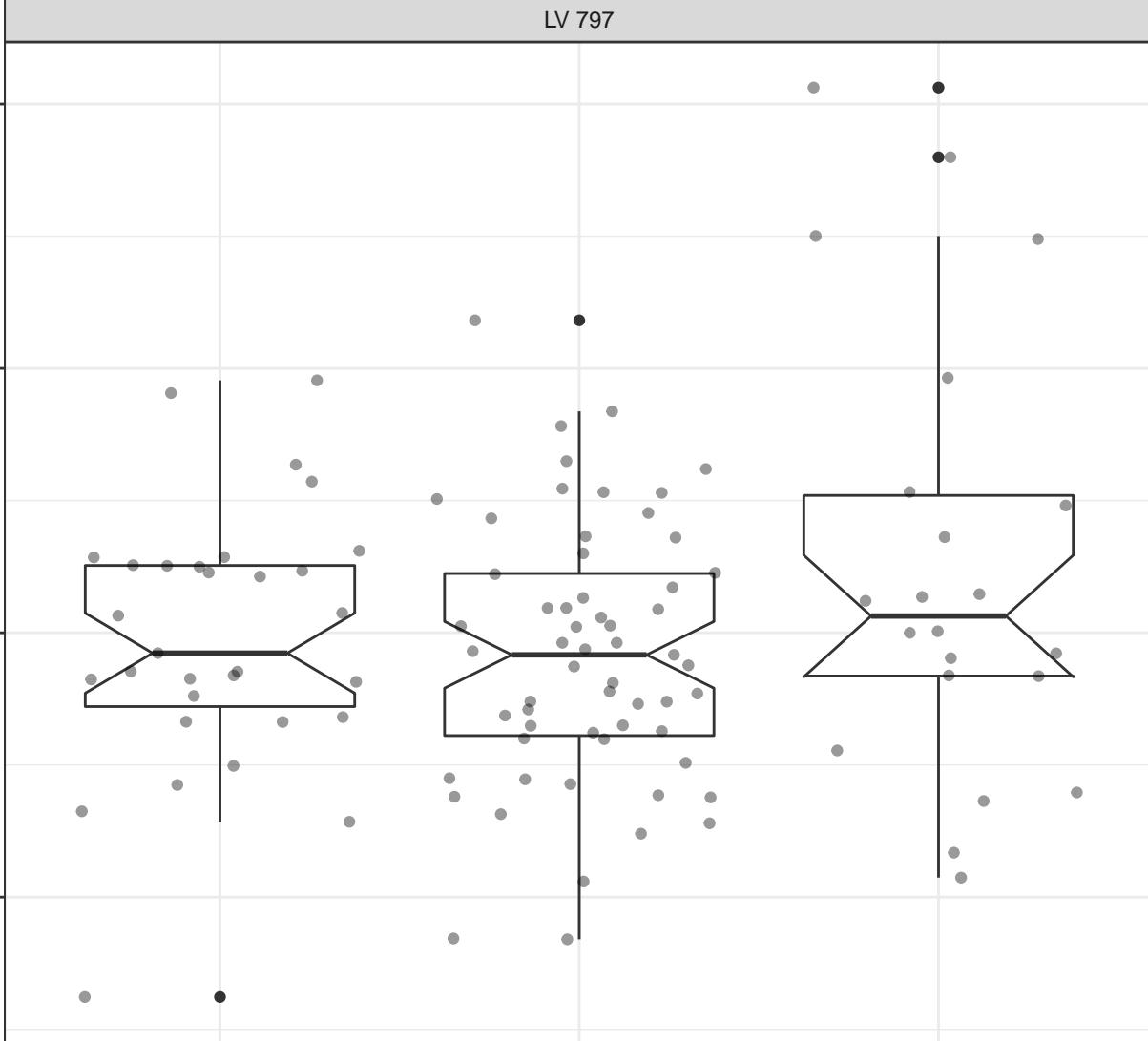
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 798

Value

0.04

0.00

-0.04

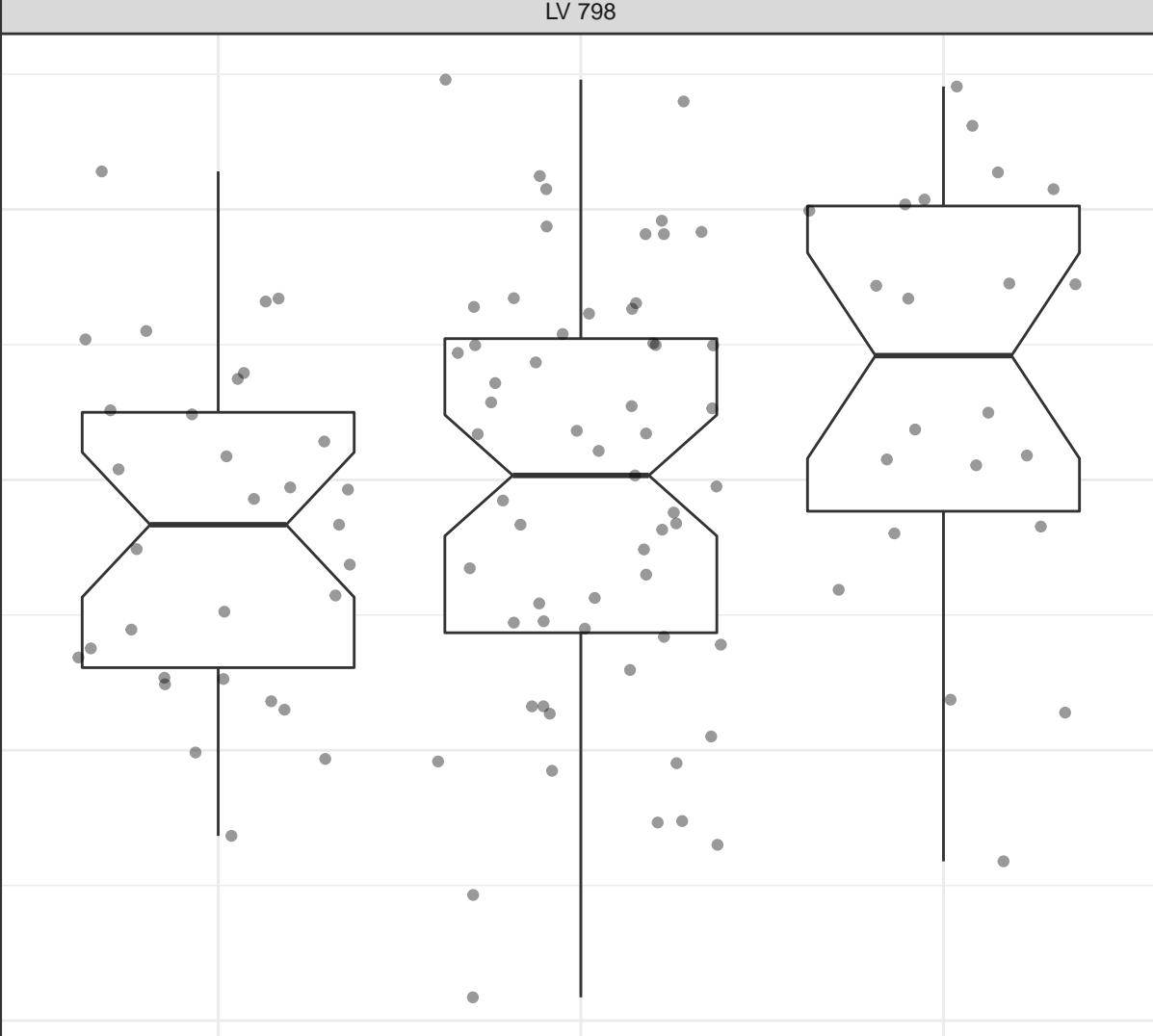
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.01

-0.01

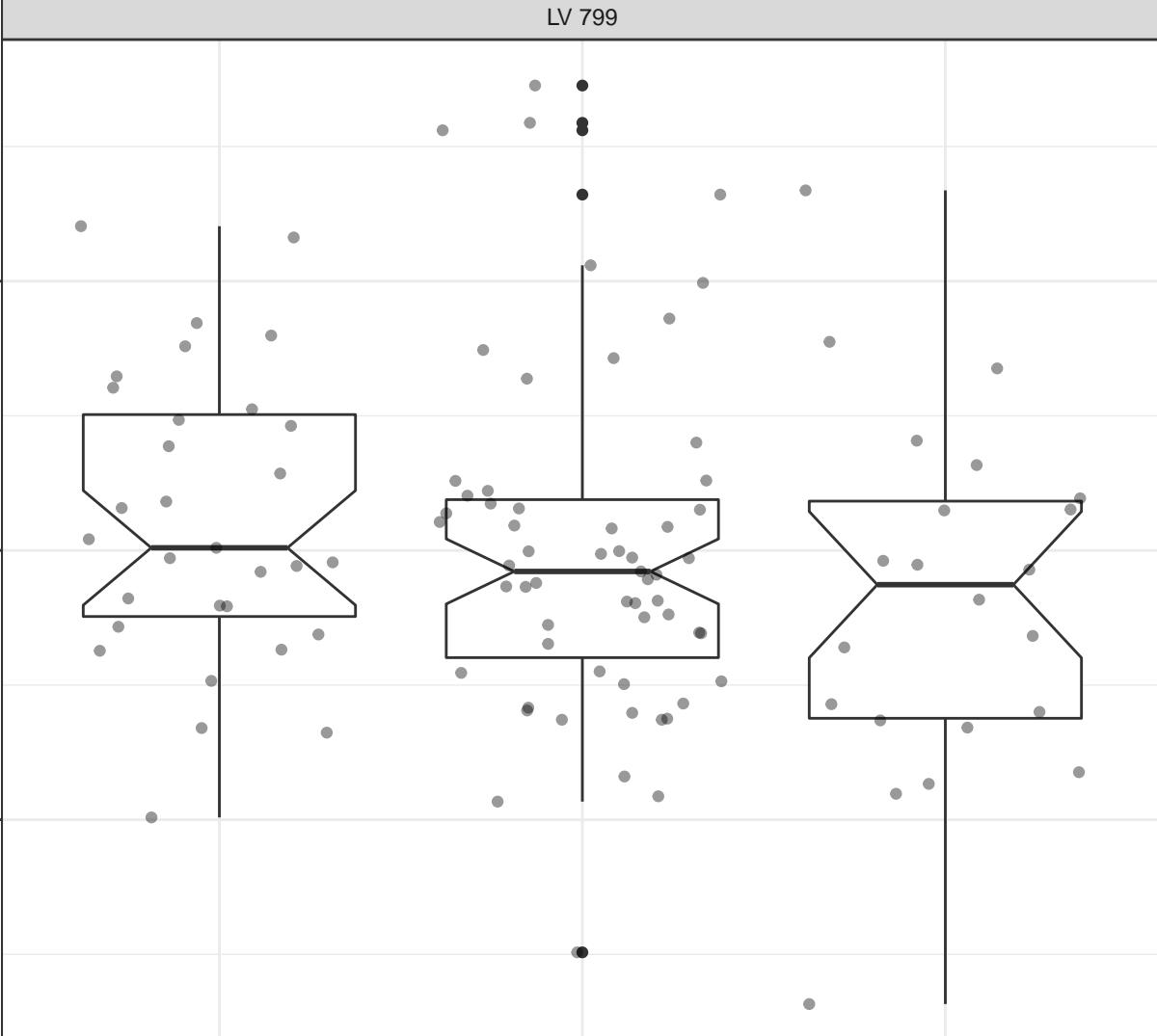
-0.04

Living donor control

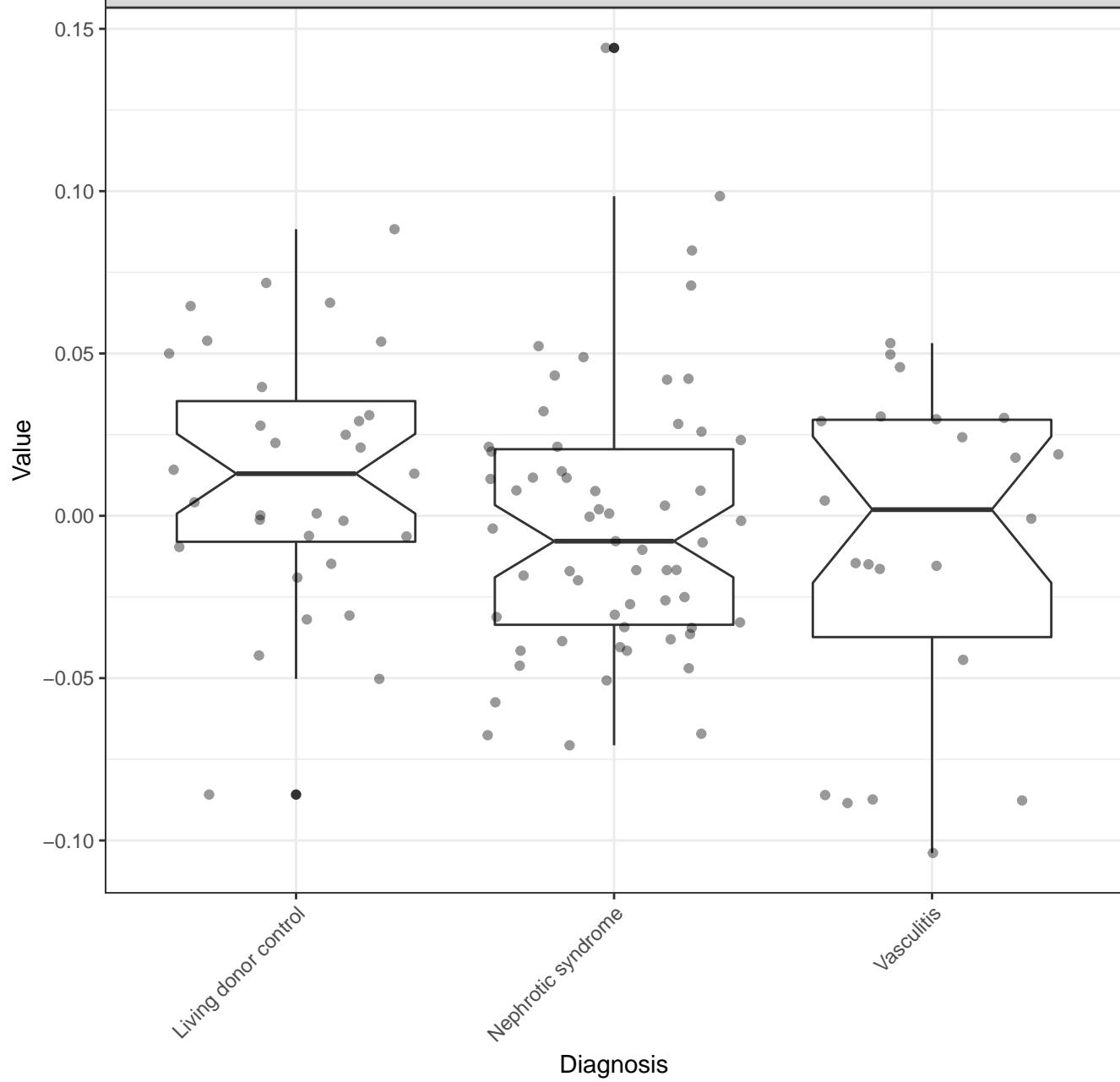
Nephrotic syndrome

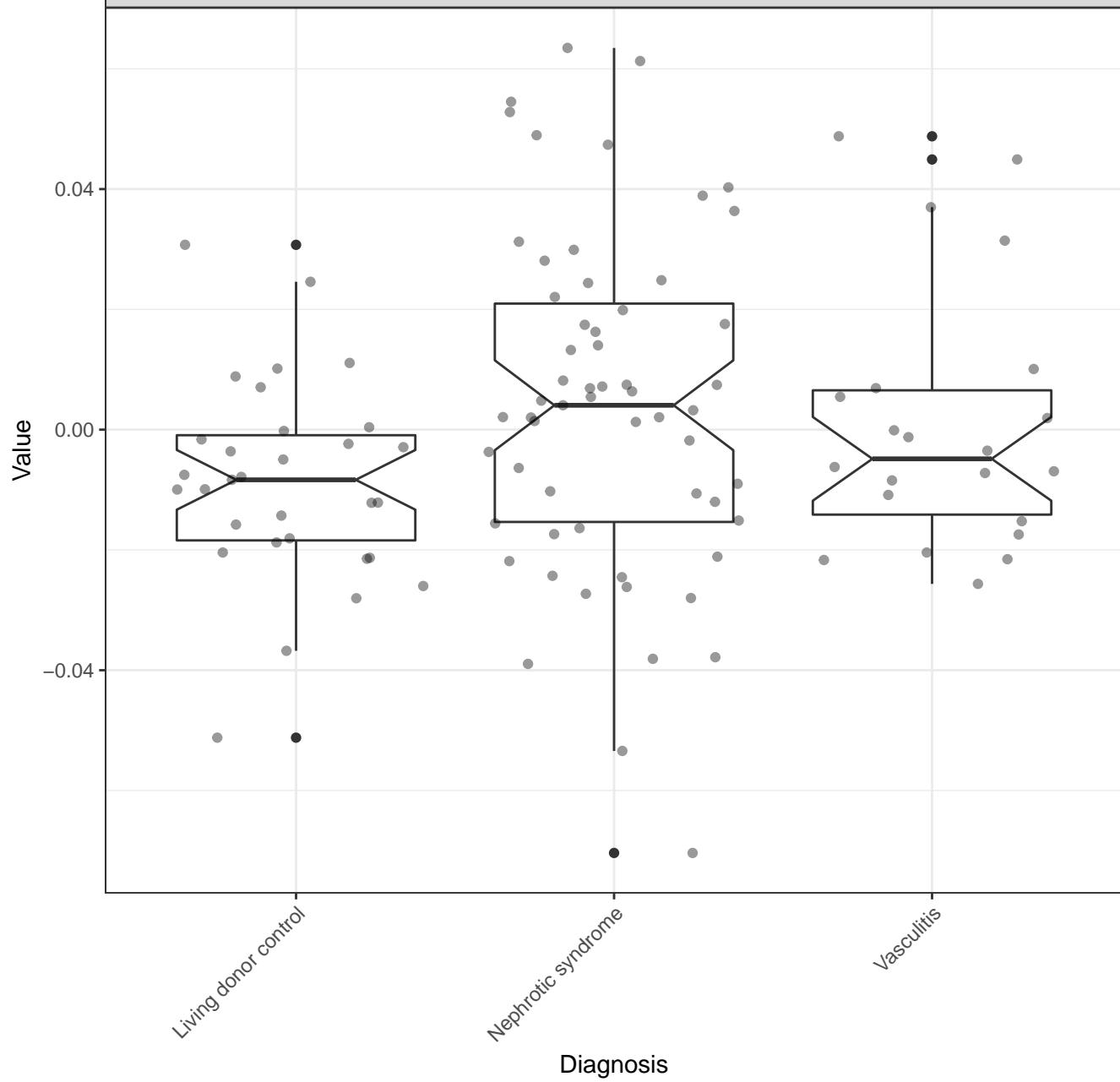
Vasculitis

Diagnosis

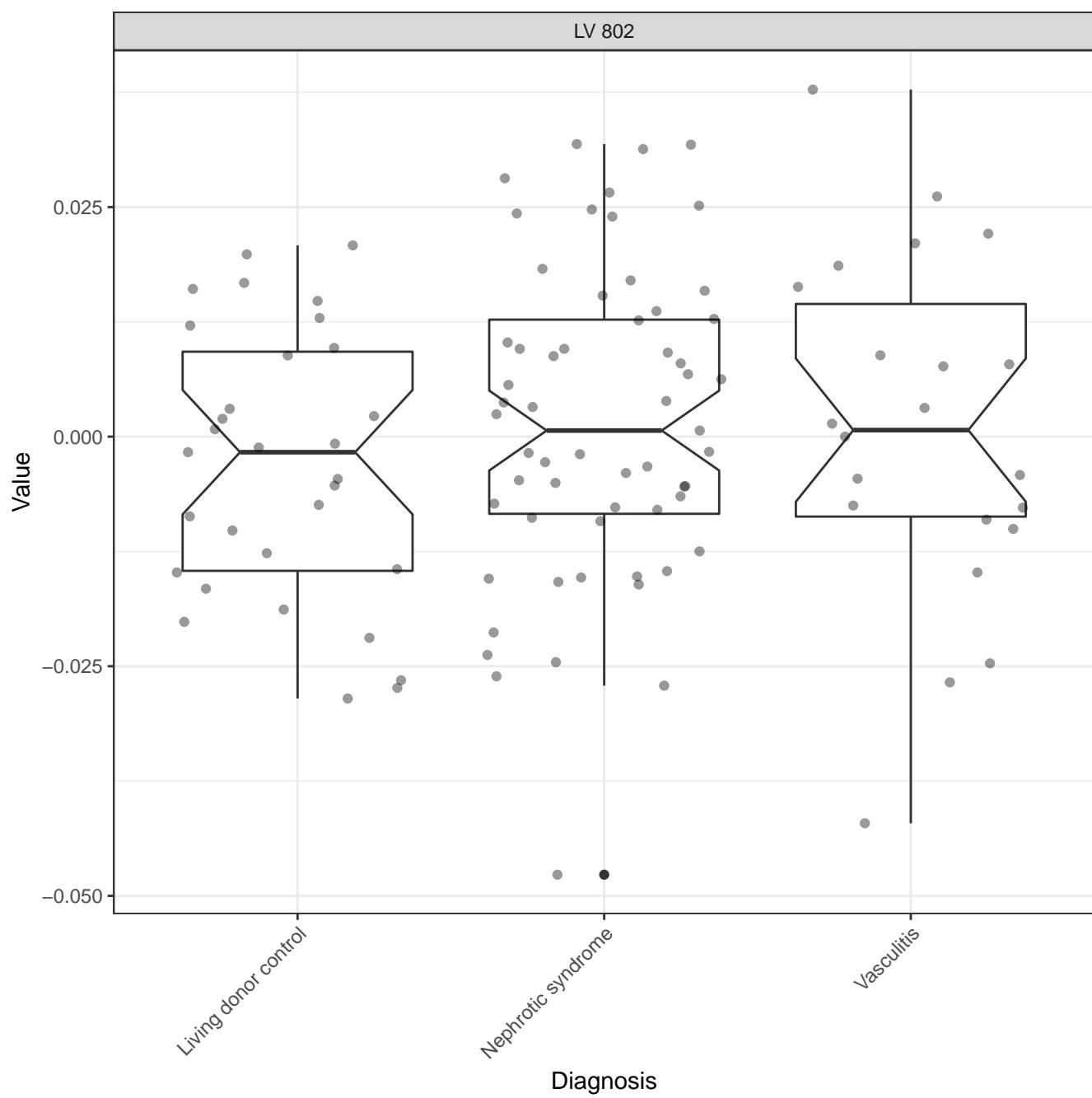


# 800,REACTOME\_GENERIC\_TRANSSCRIPTION\_PATHWAY





LV 802



LV 803

Value

0.04

0.01

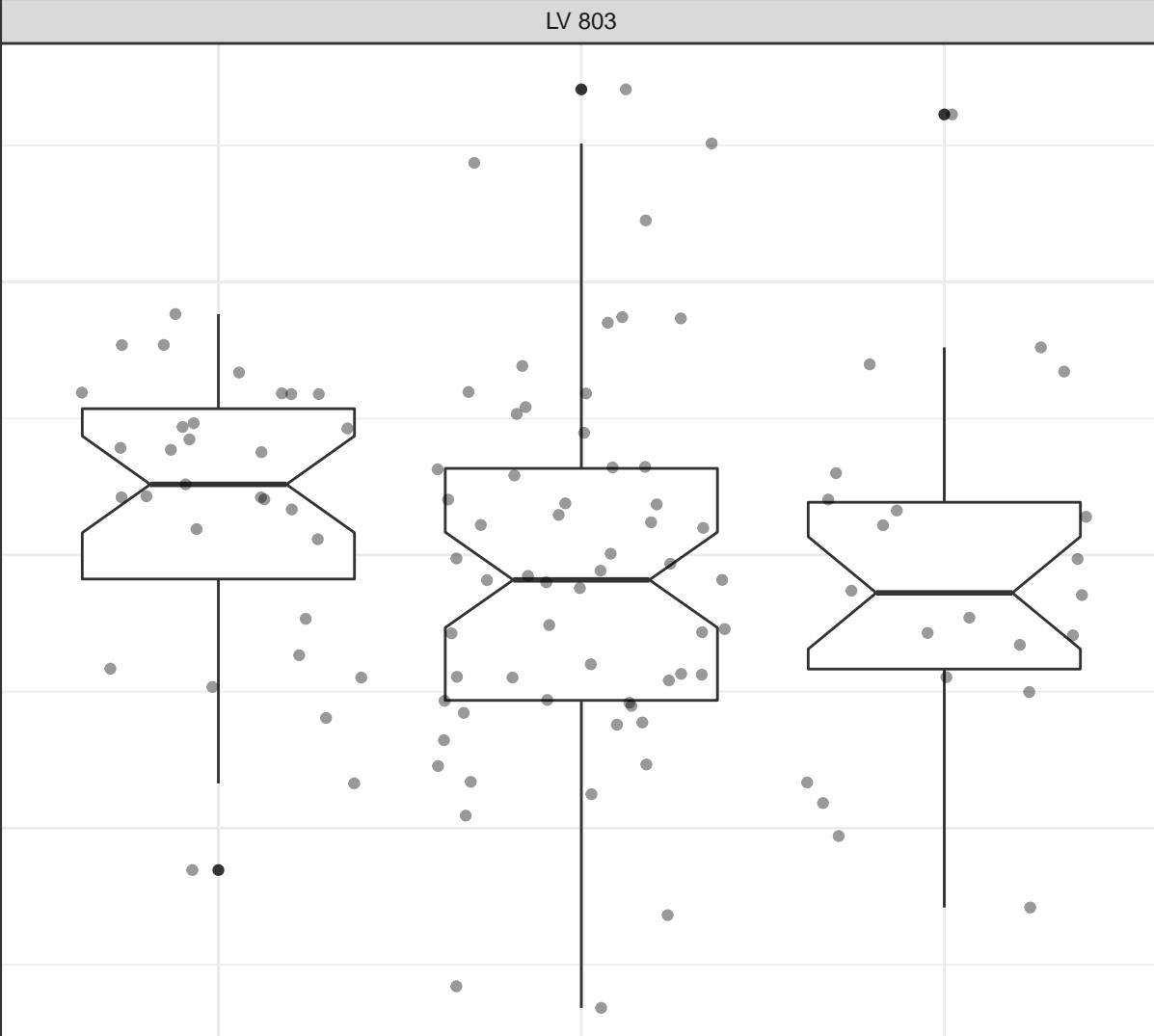
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 804

Value

0.1

0.0

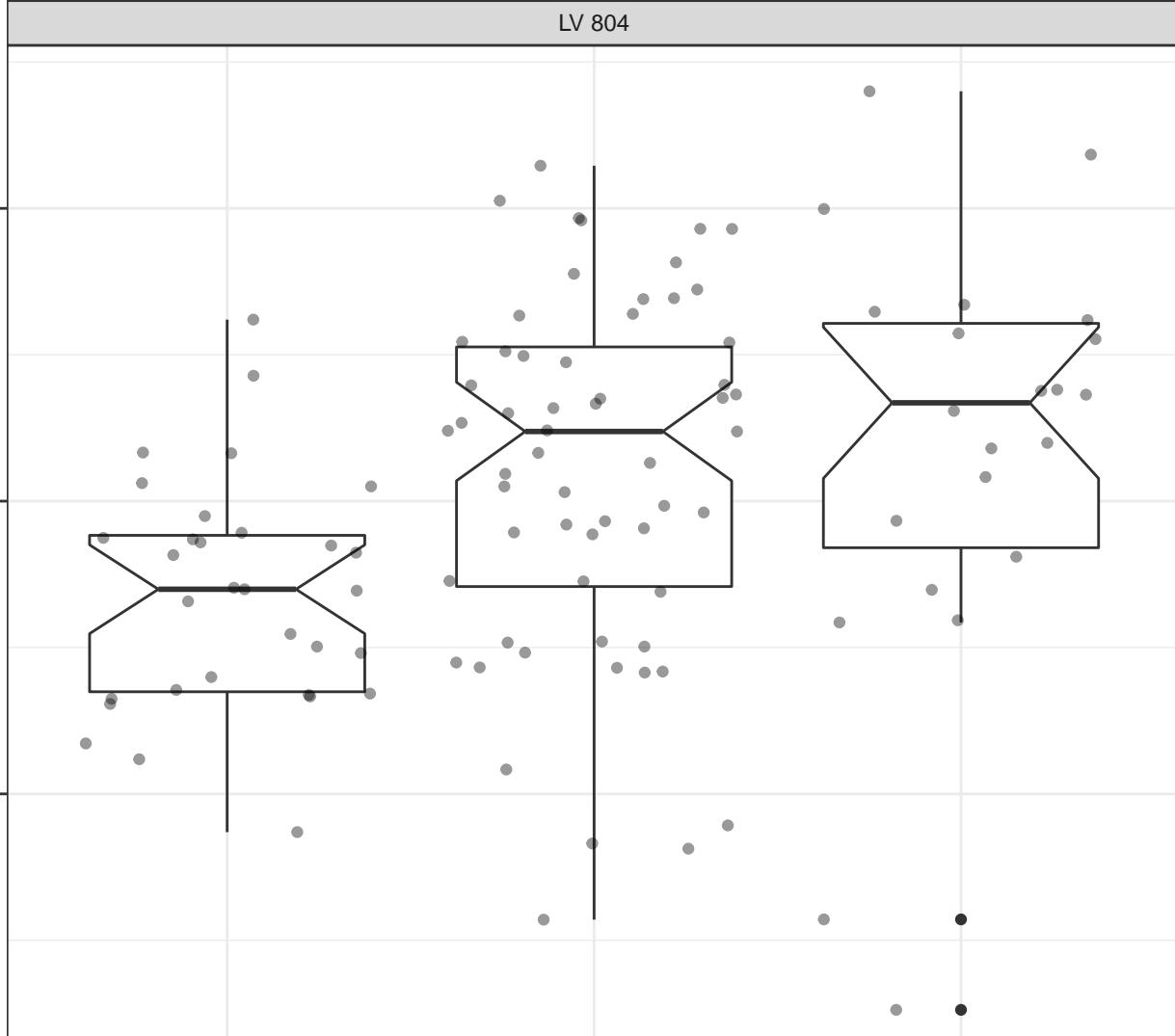
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

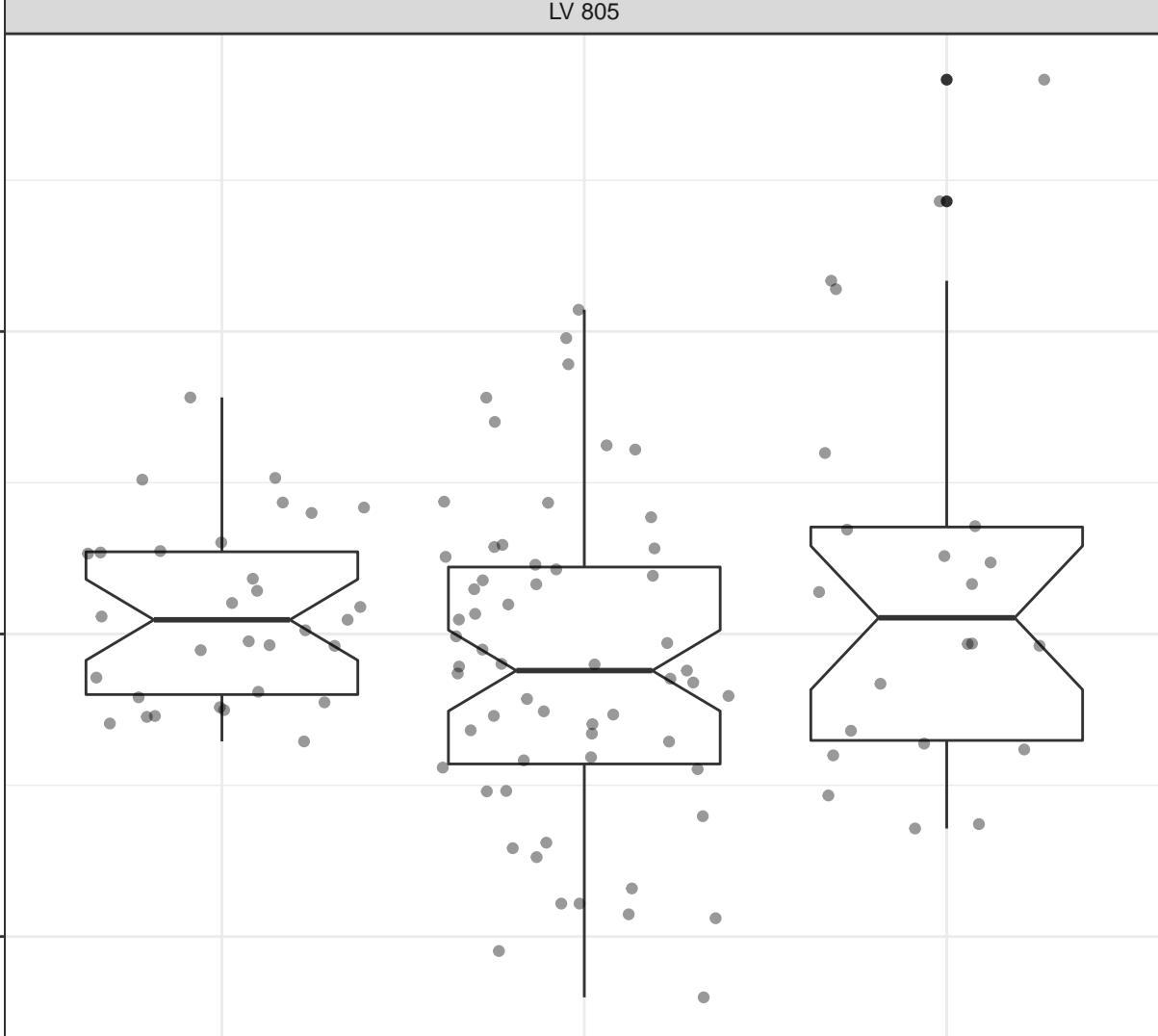
-0.05

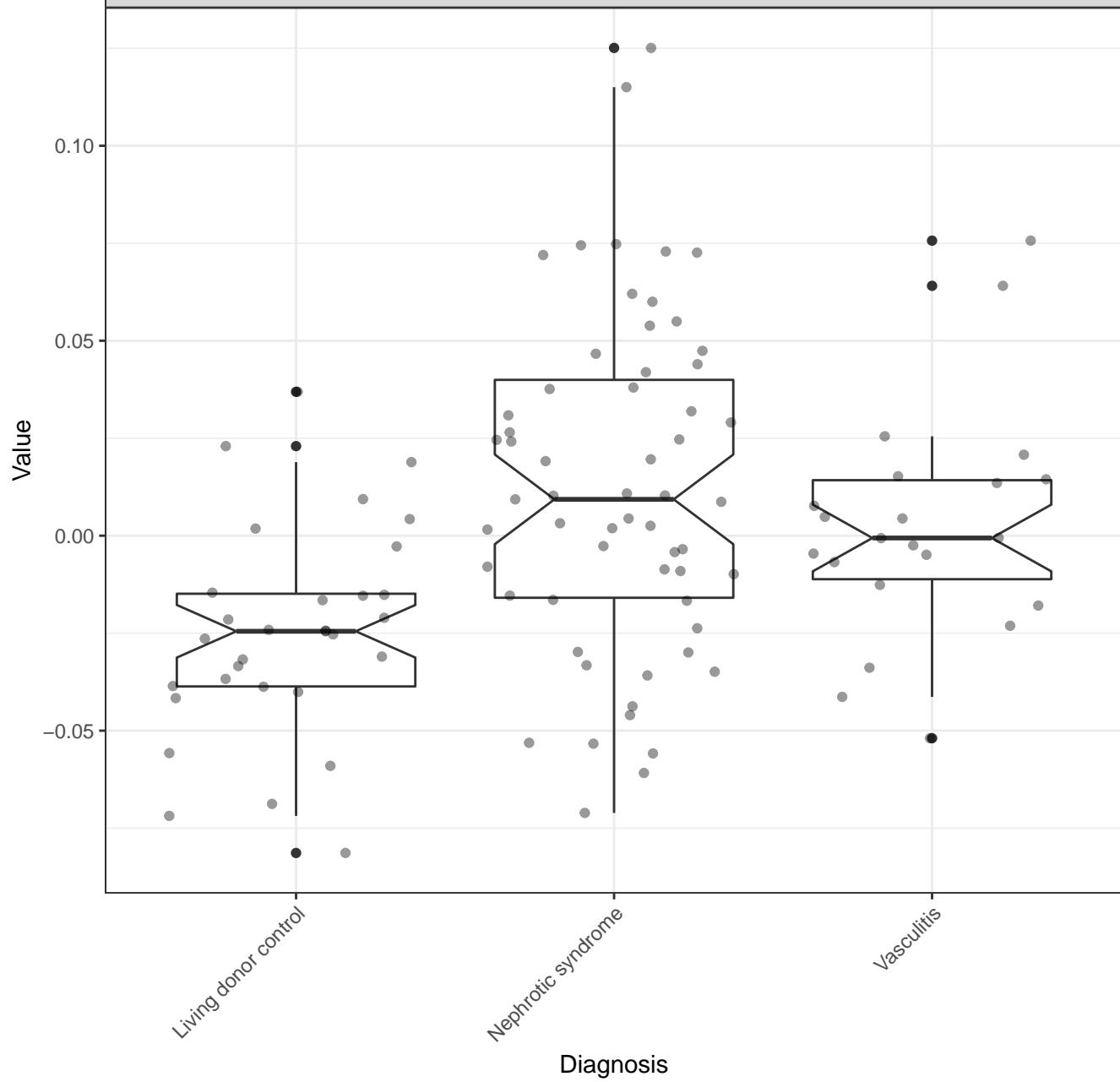
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.10

0.05

0.00

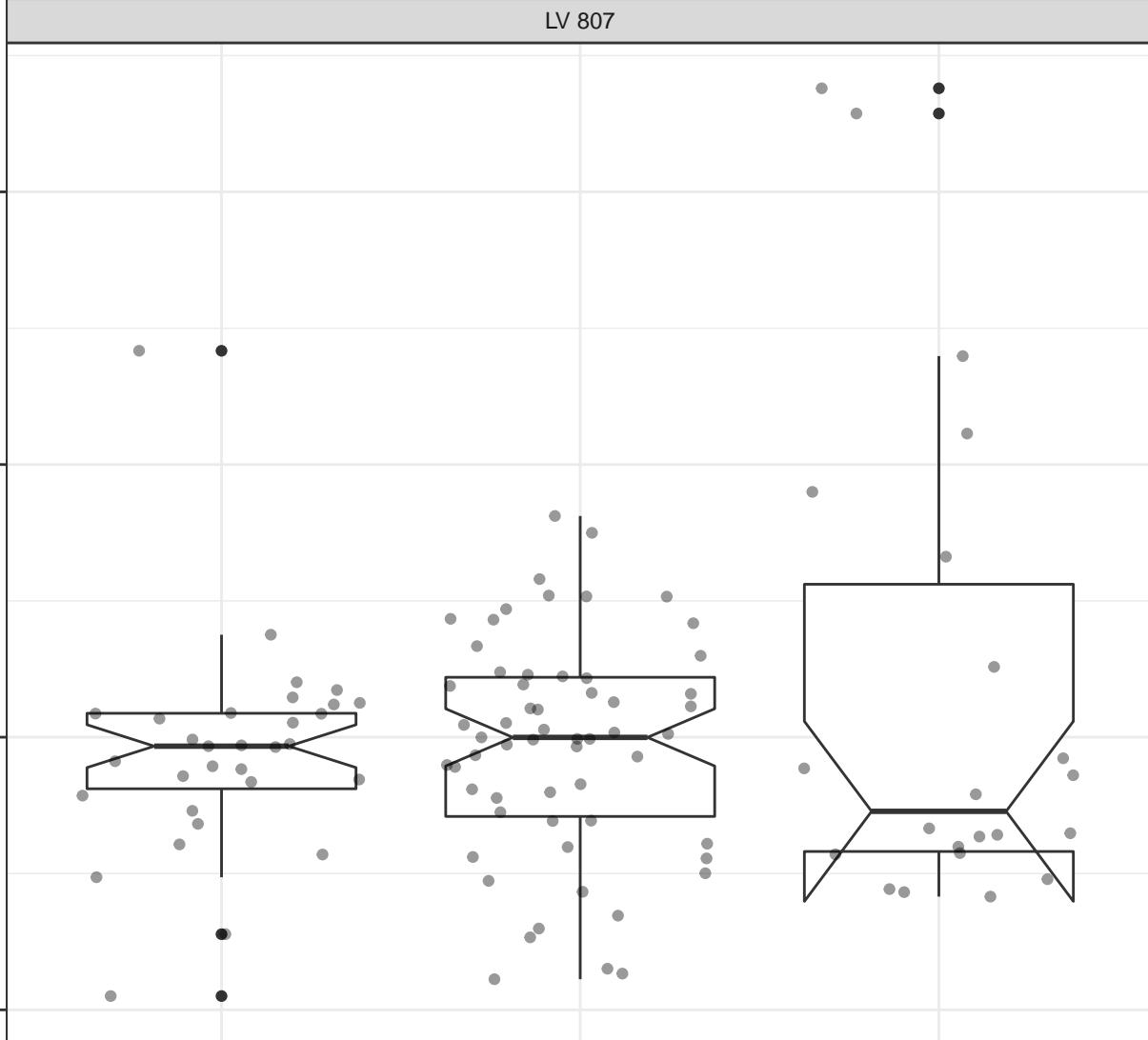
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

-0.04

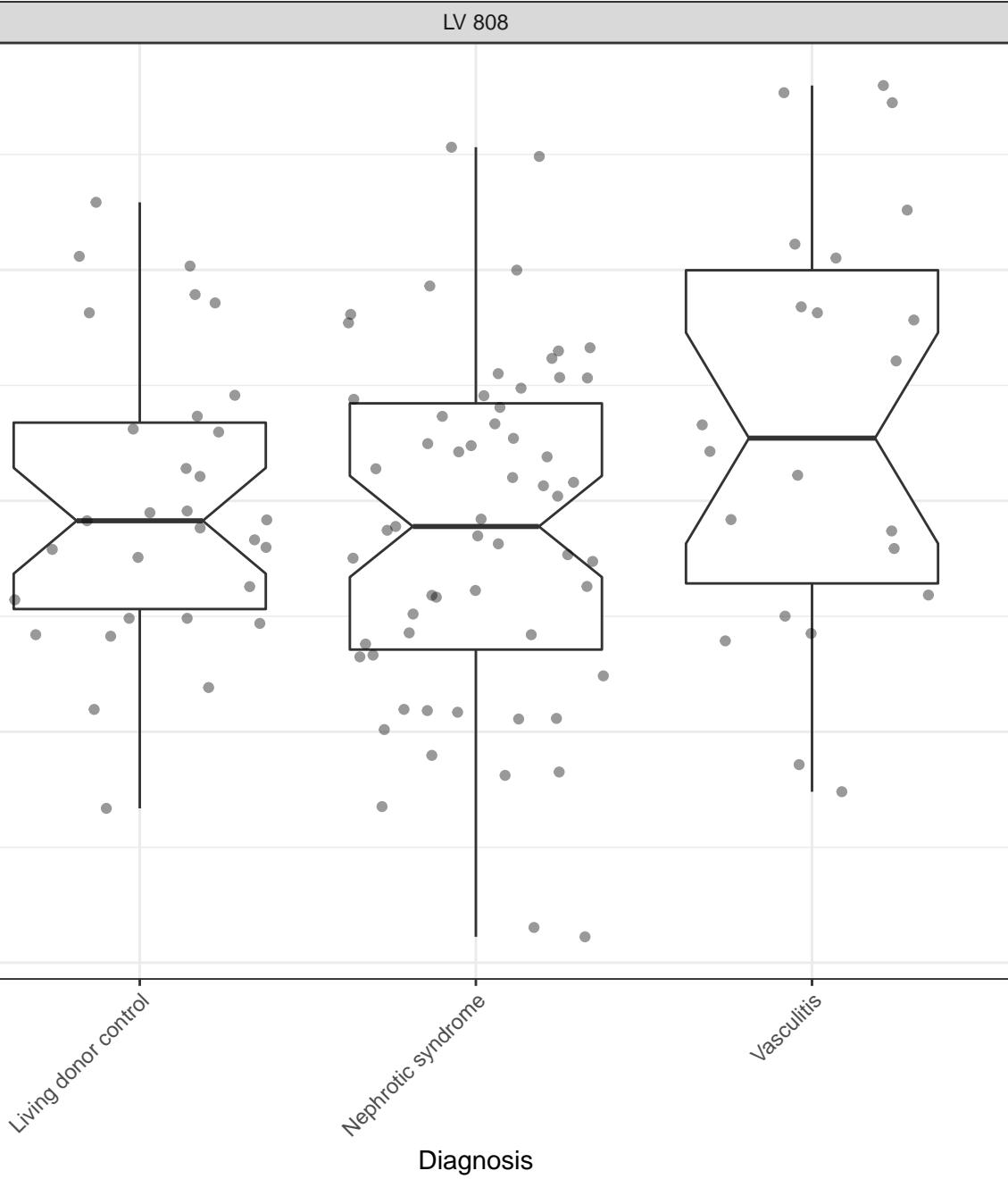
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 809

Value

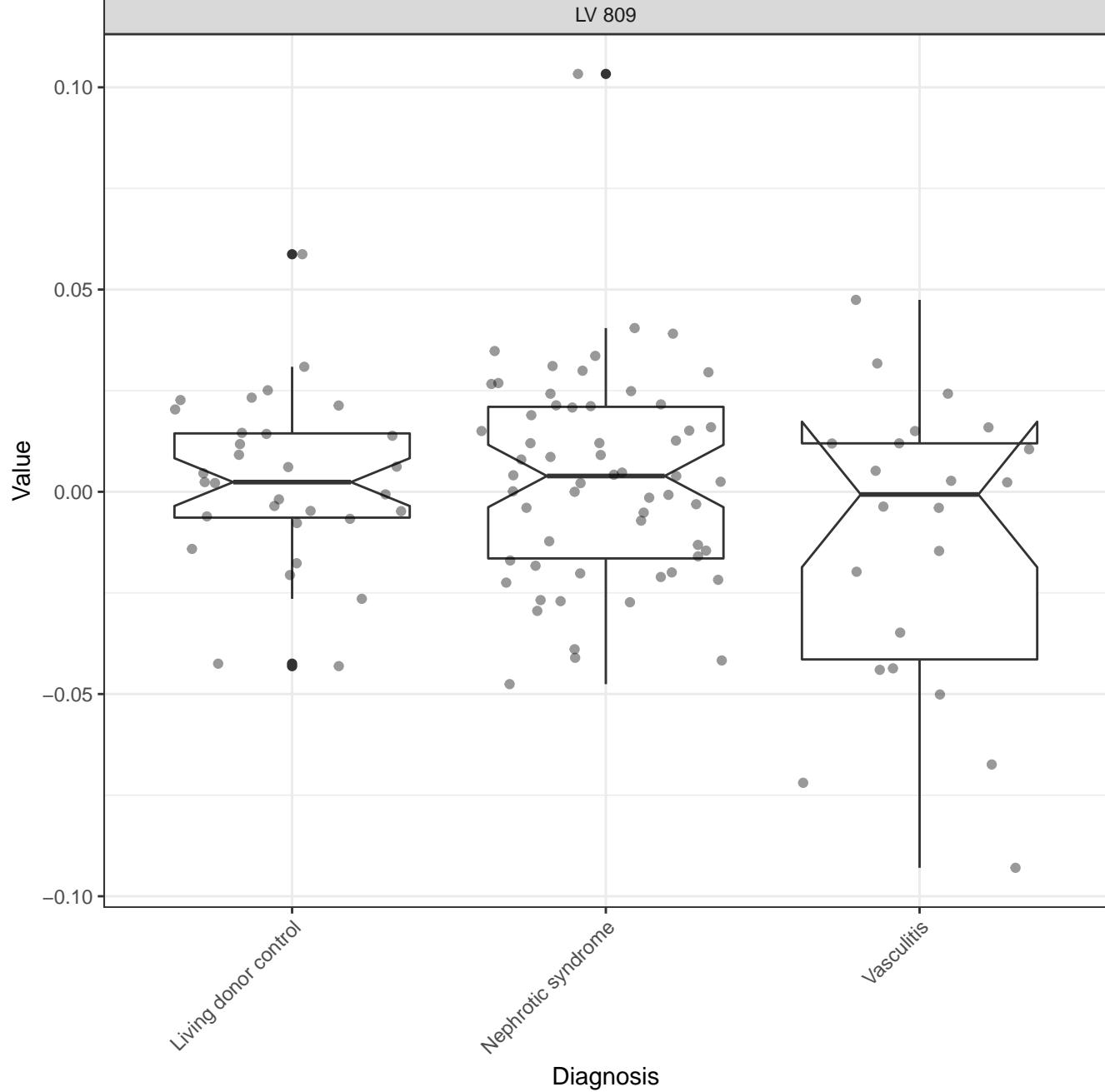
0.10  
0.05  
0.00  
-0.05  
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 810

Value

0.10

0.05

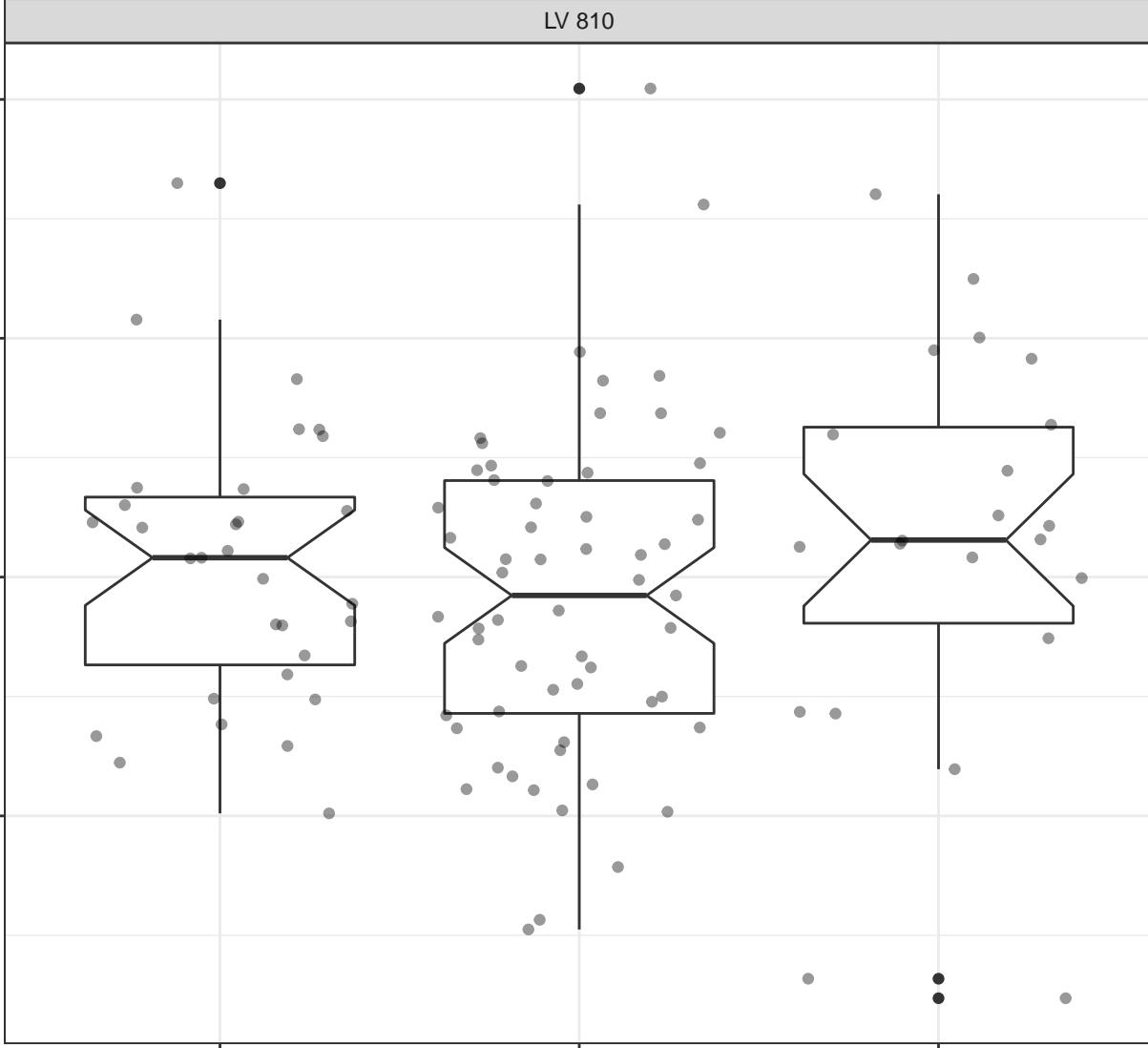
-0.05

Living donor control

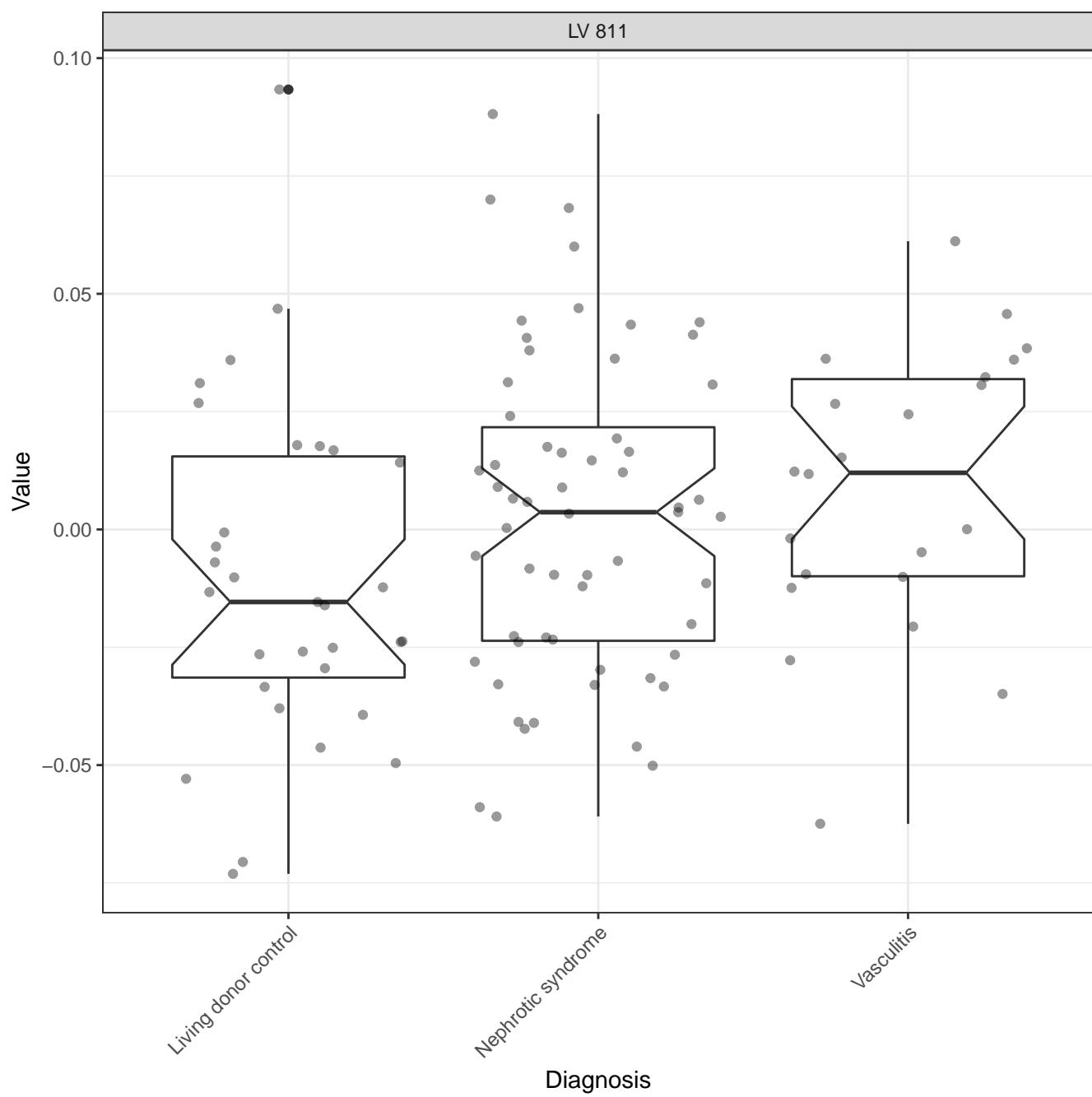
Nephrotic syndrome

Vasculitis

Diagnosis



LV 811



Value

0.04

0.00

-0.04

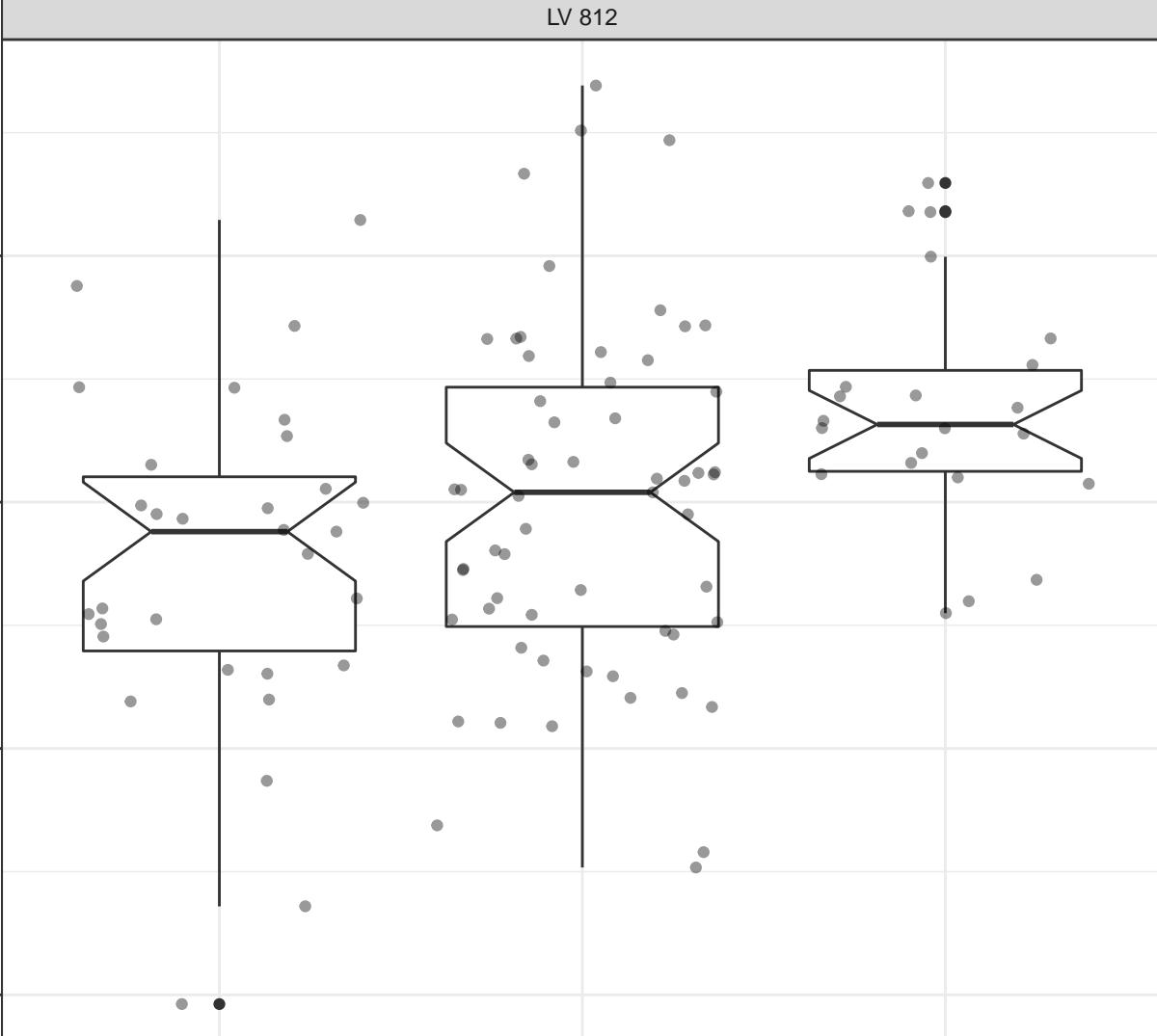
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

-0.05

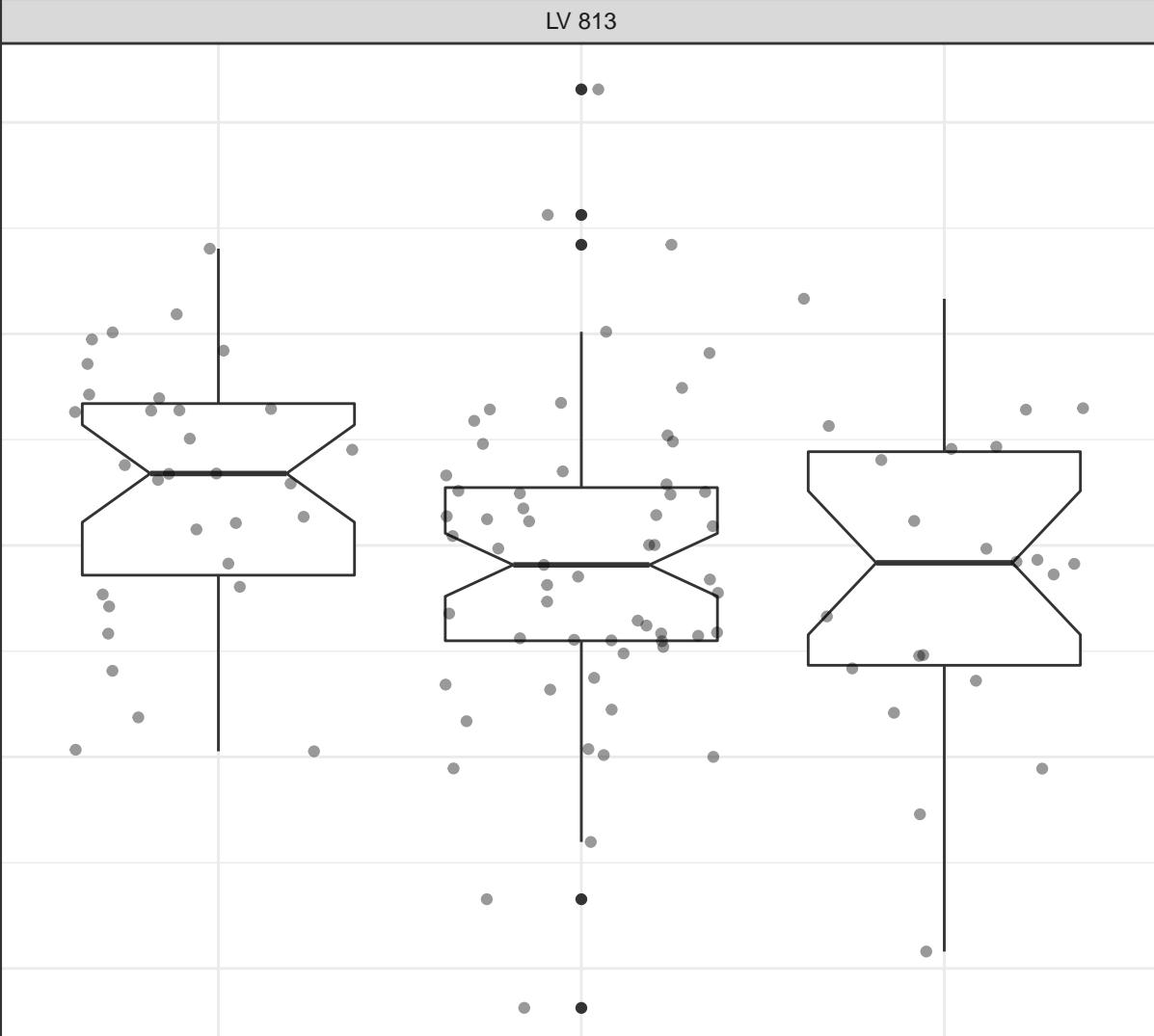
-0.10

Living donor control

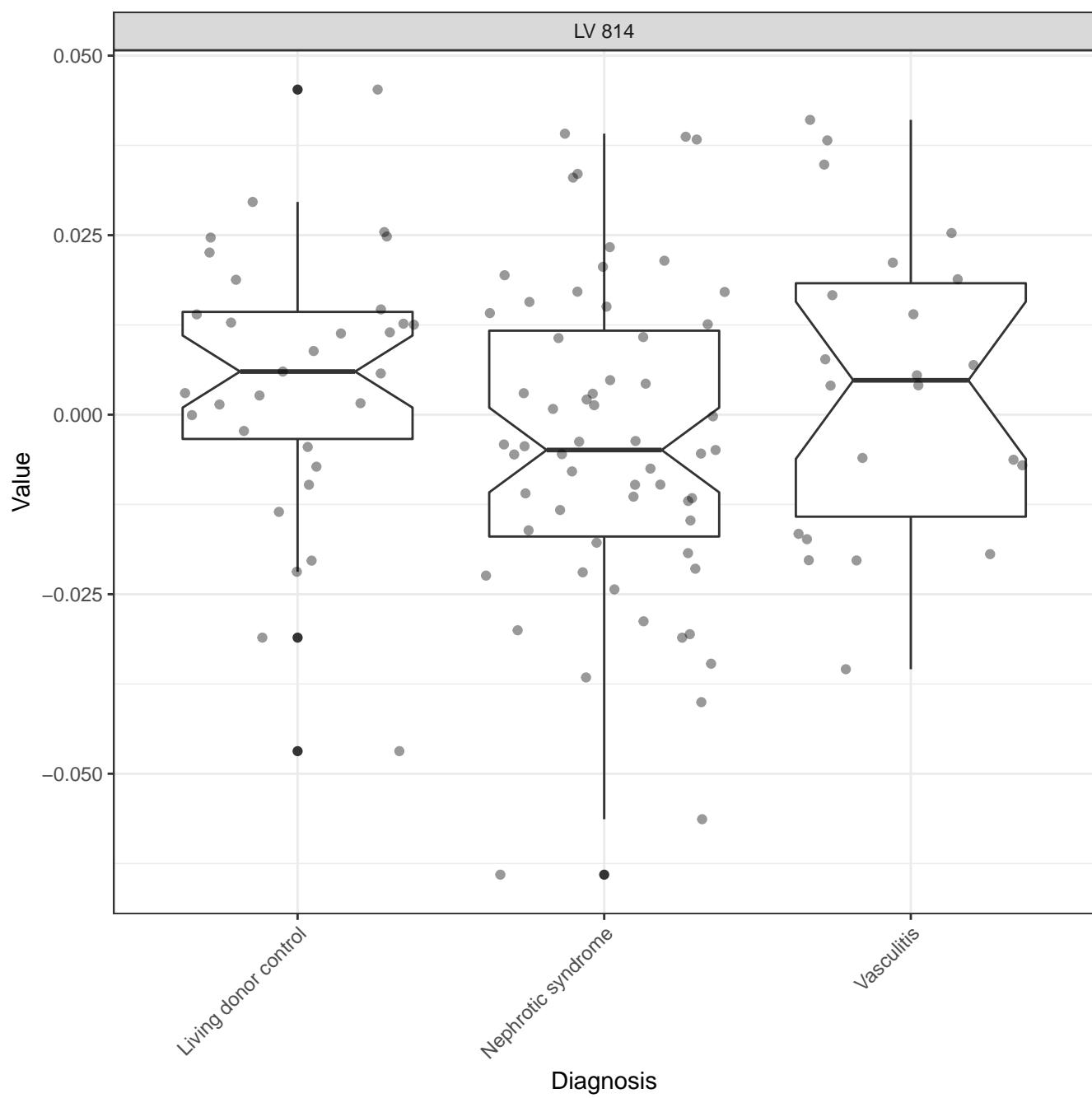
Nephrotic syndrome

Vasculitis

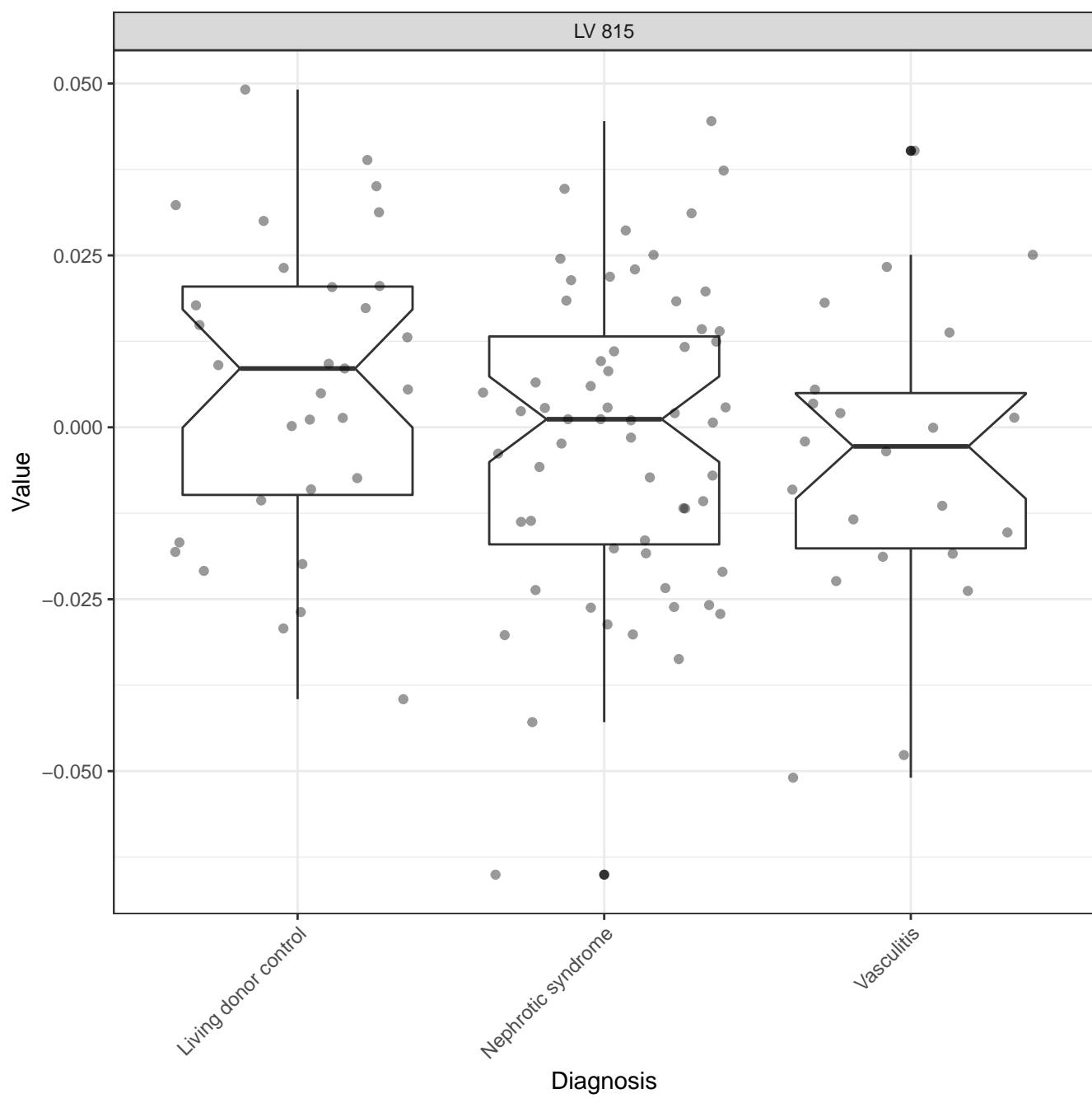
Diagnosis



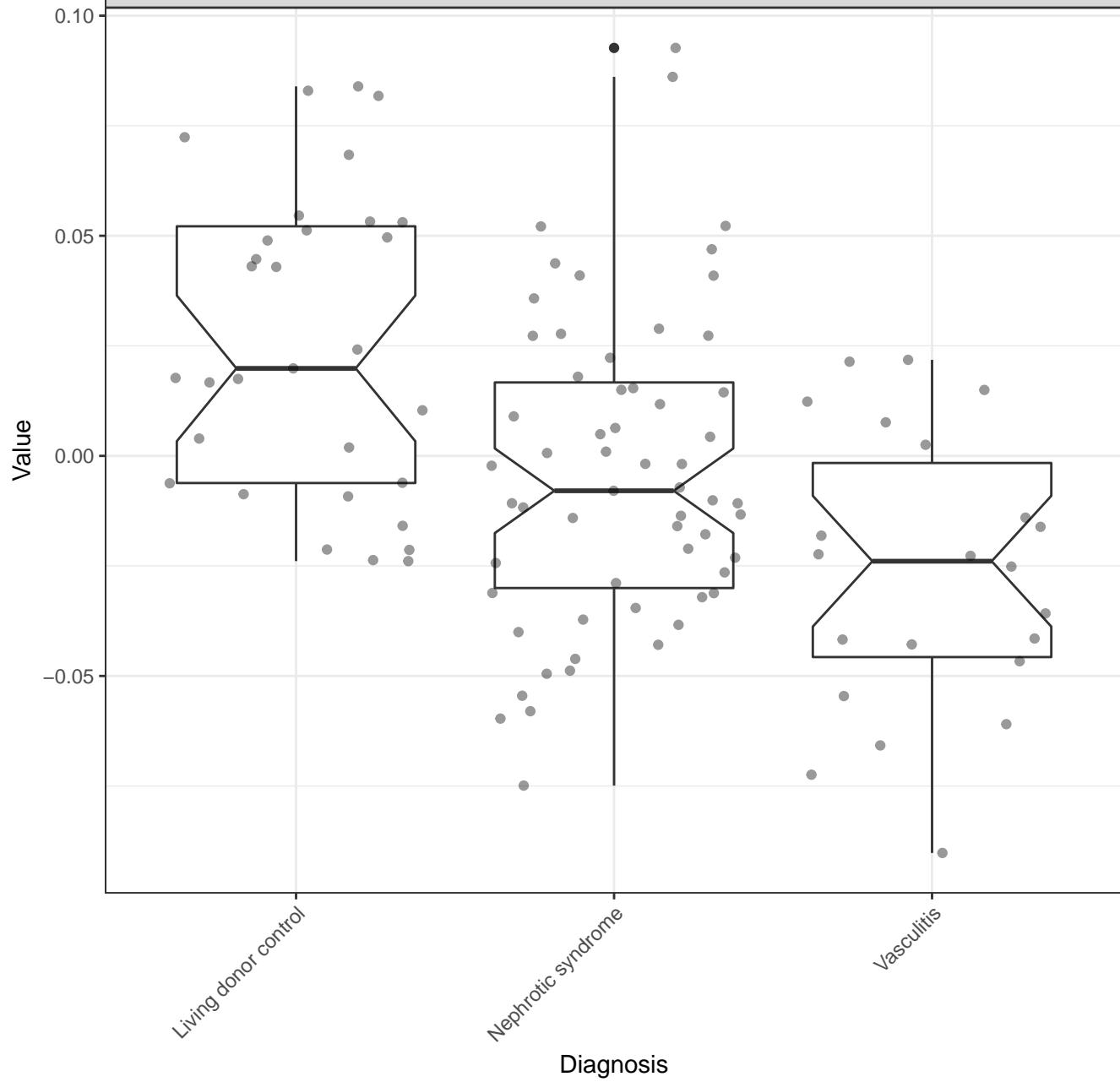
LV 814



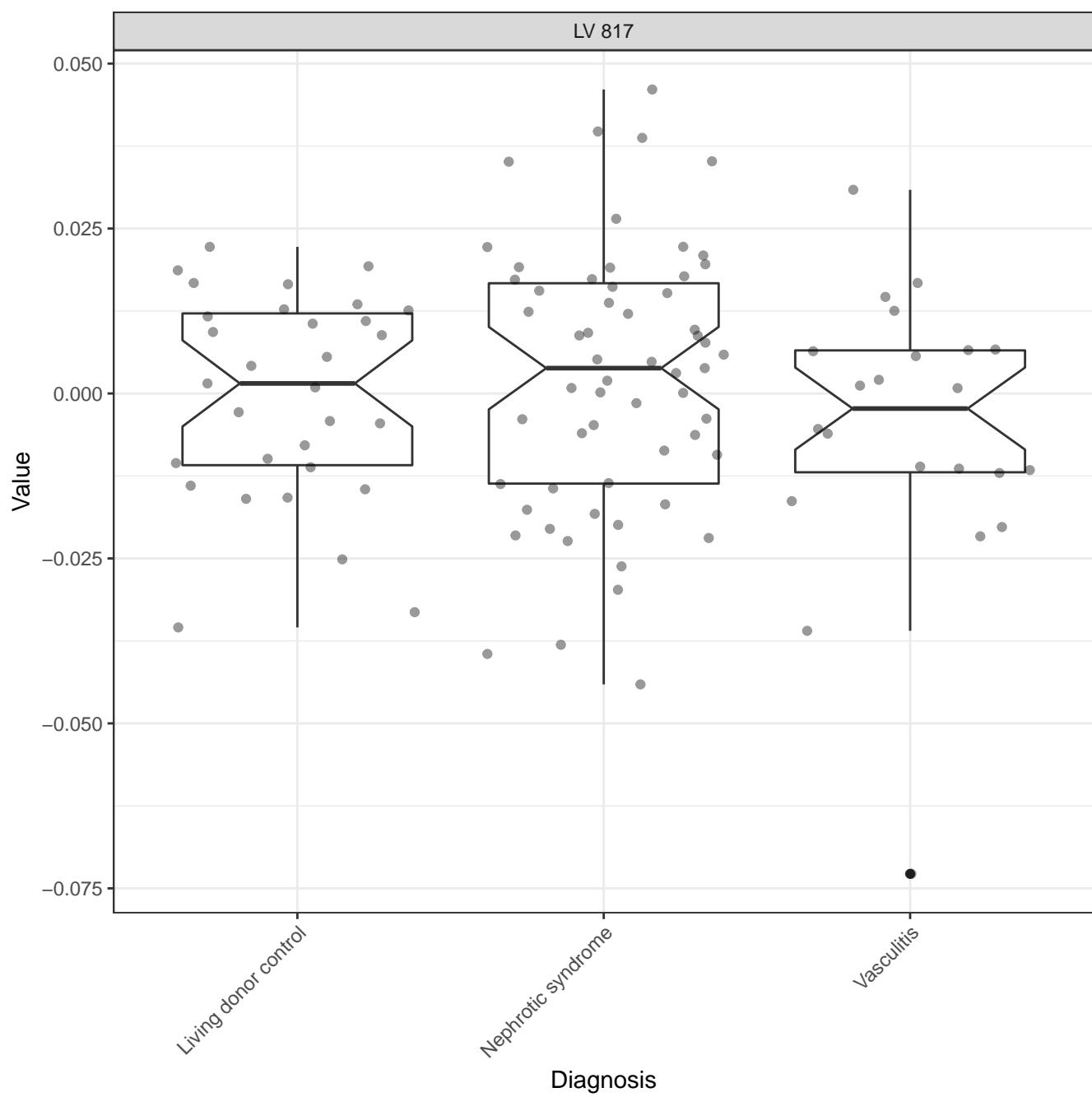
LV 815

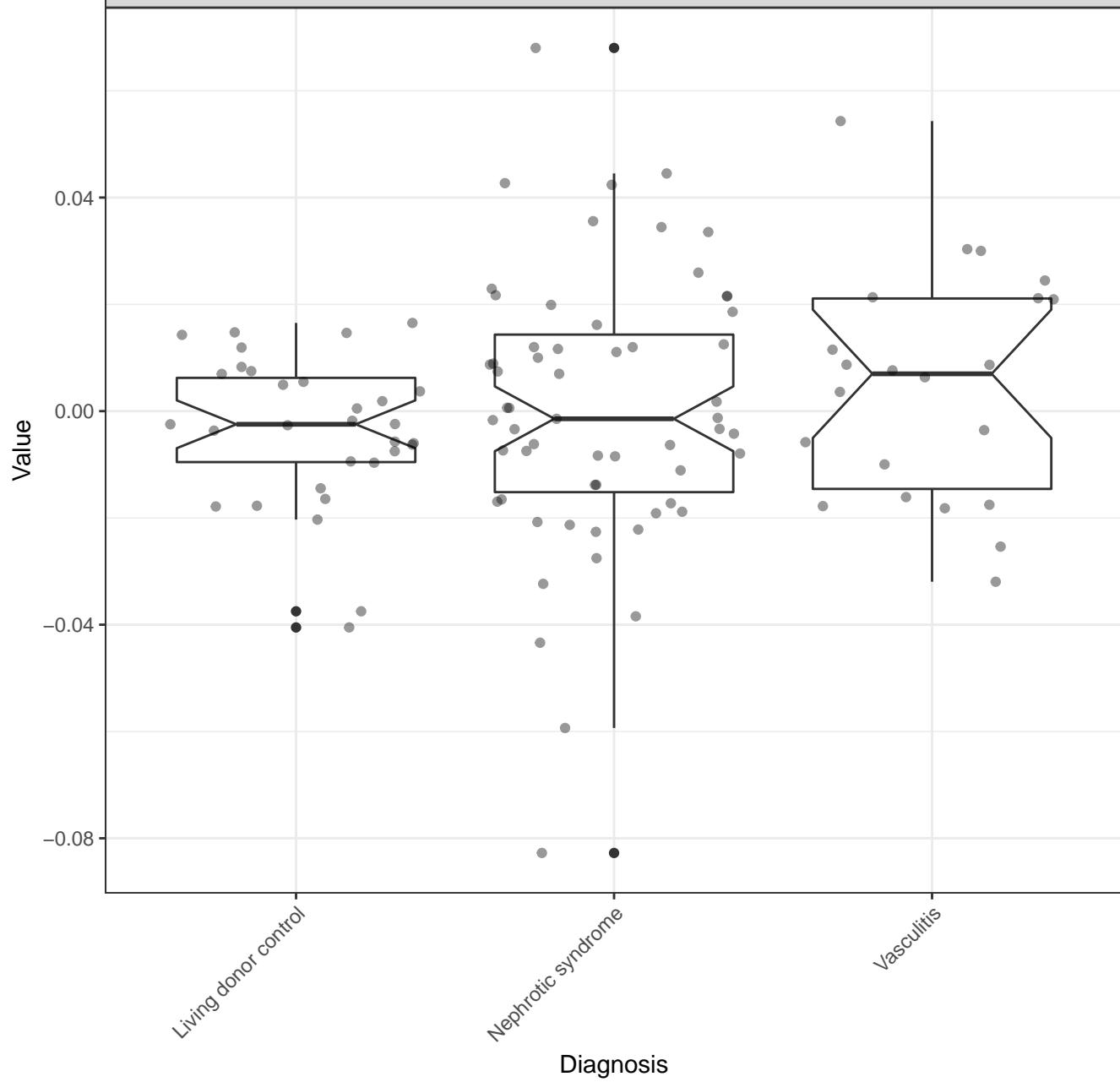


LV 816

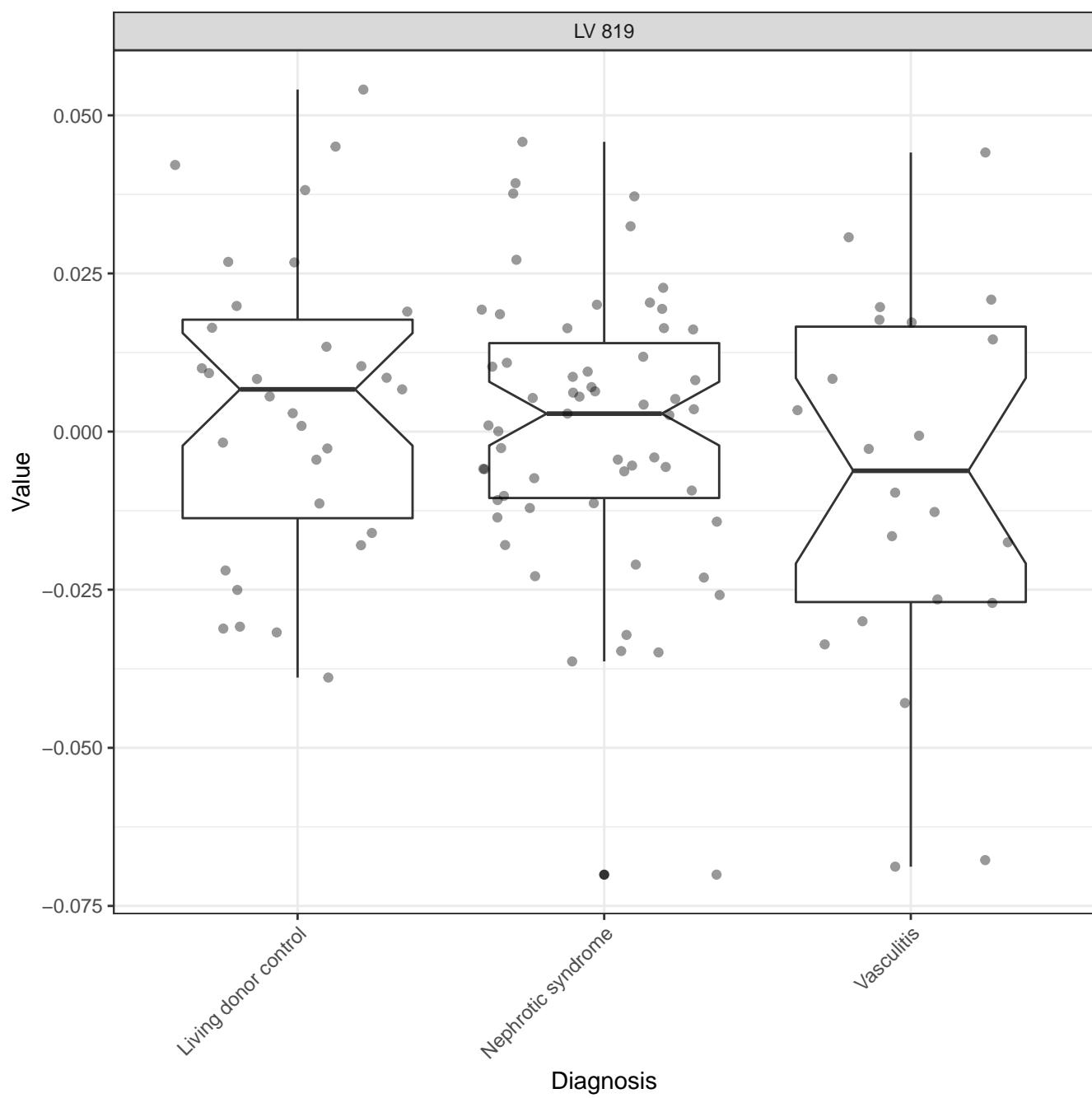


LV 817





LV 819



Value

0.04

0.00

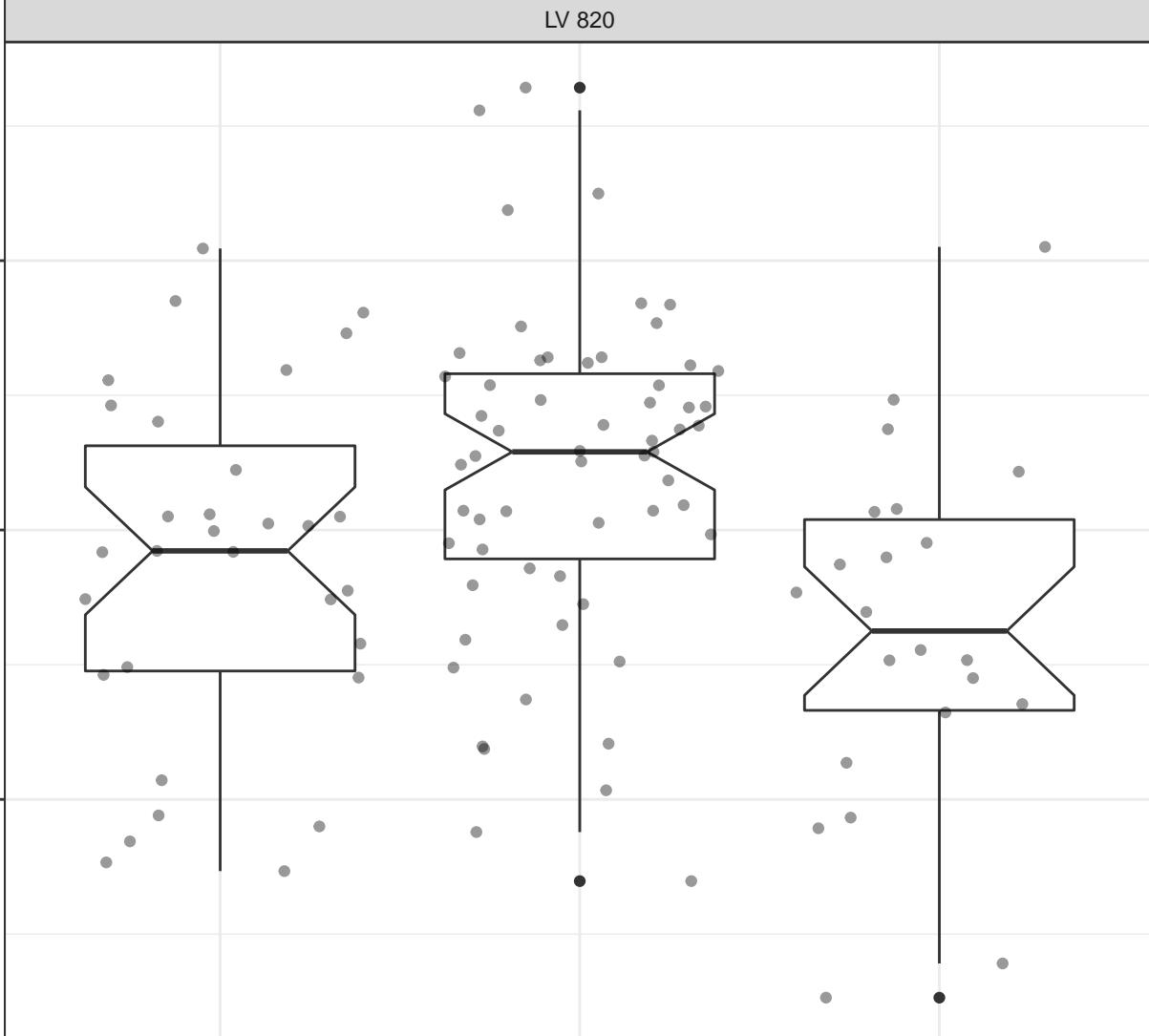
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 821

Value

0.1

0.0

-0.1

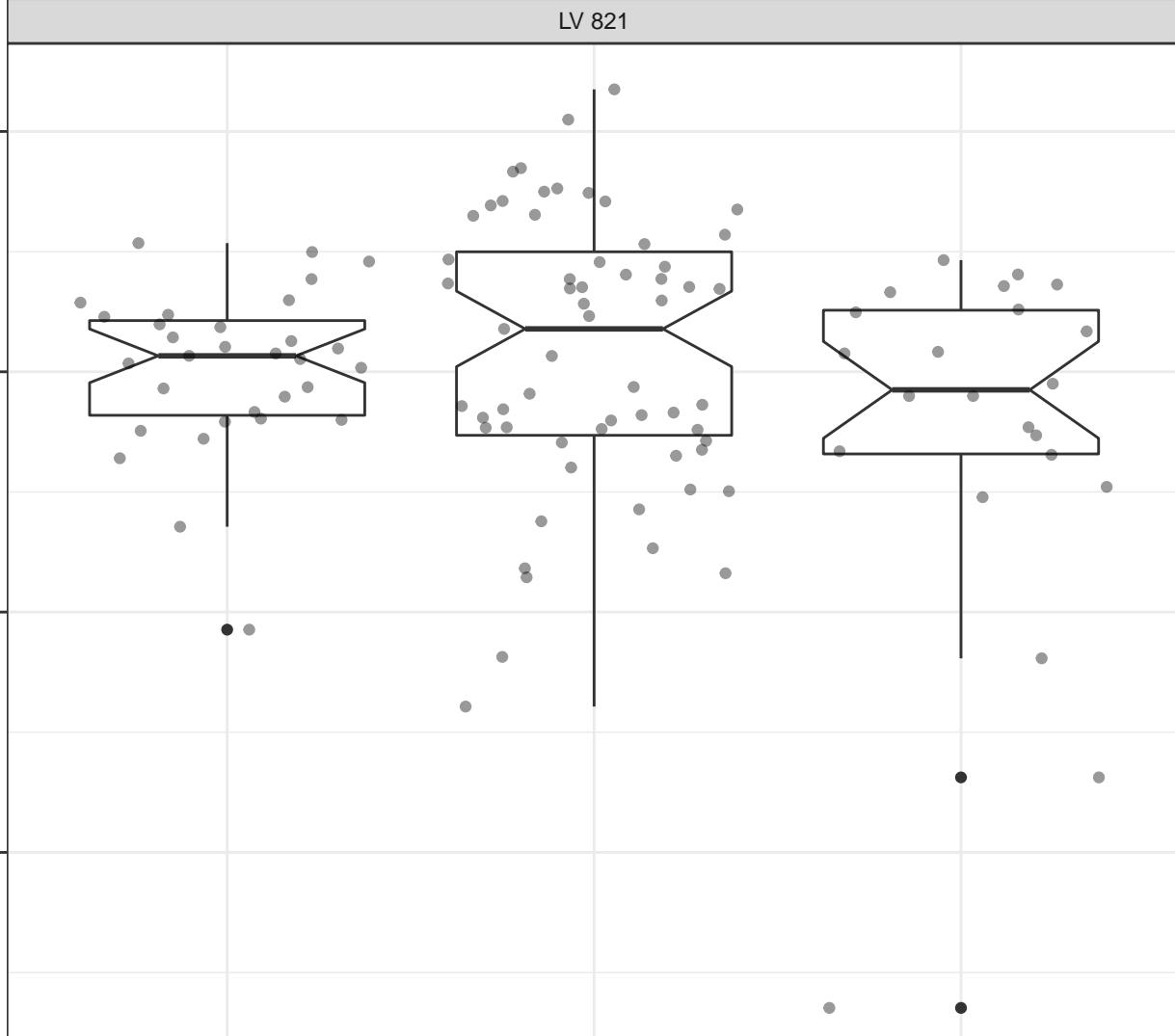
-0.2

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 822

Value

0.1

0.0

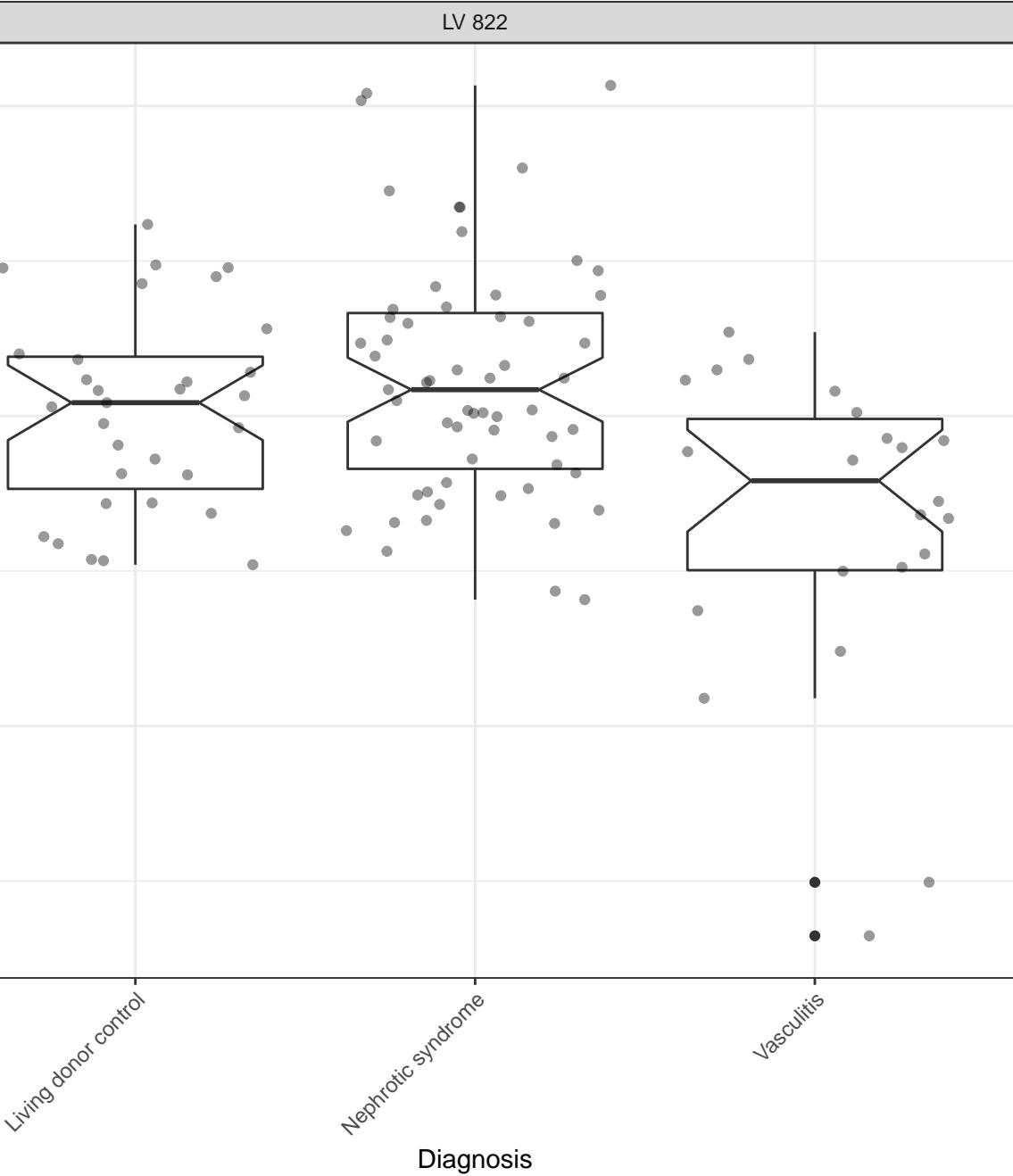
-0.1

Living donor control

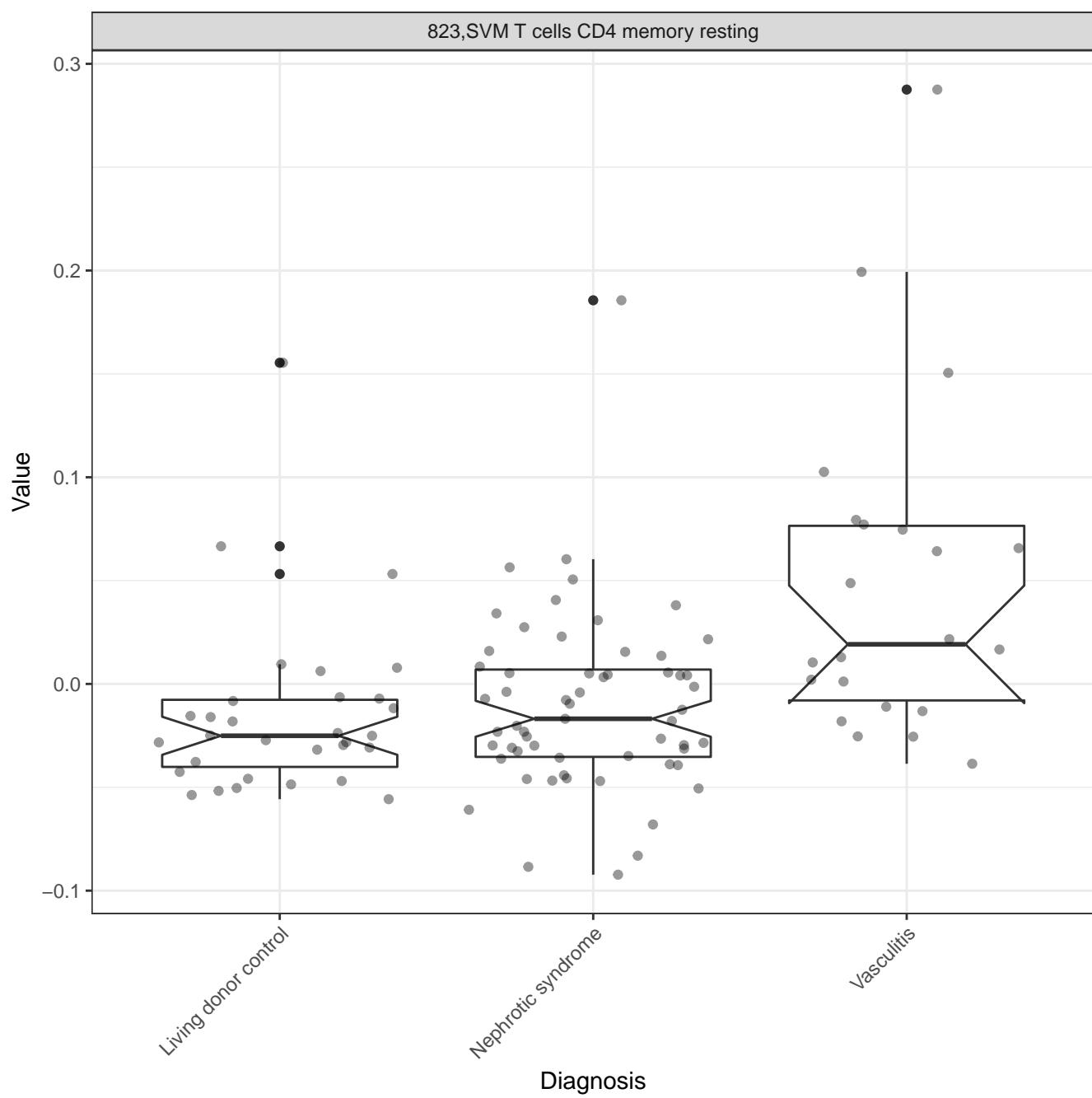
Nephrotic syndrome

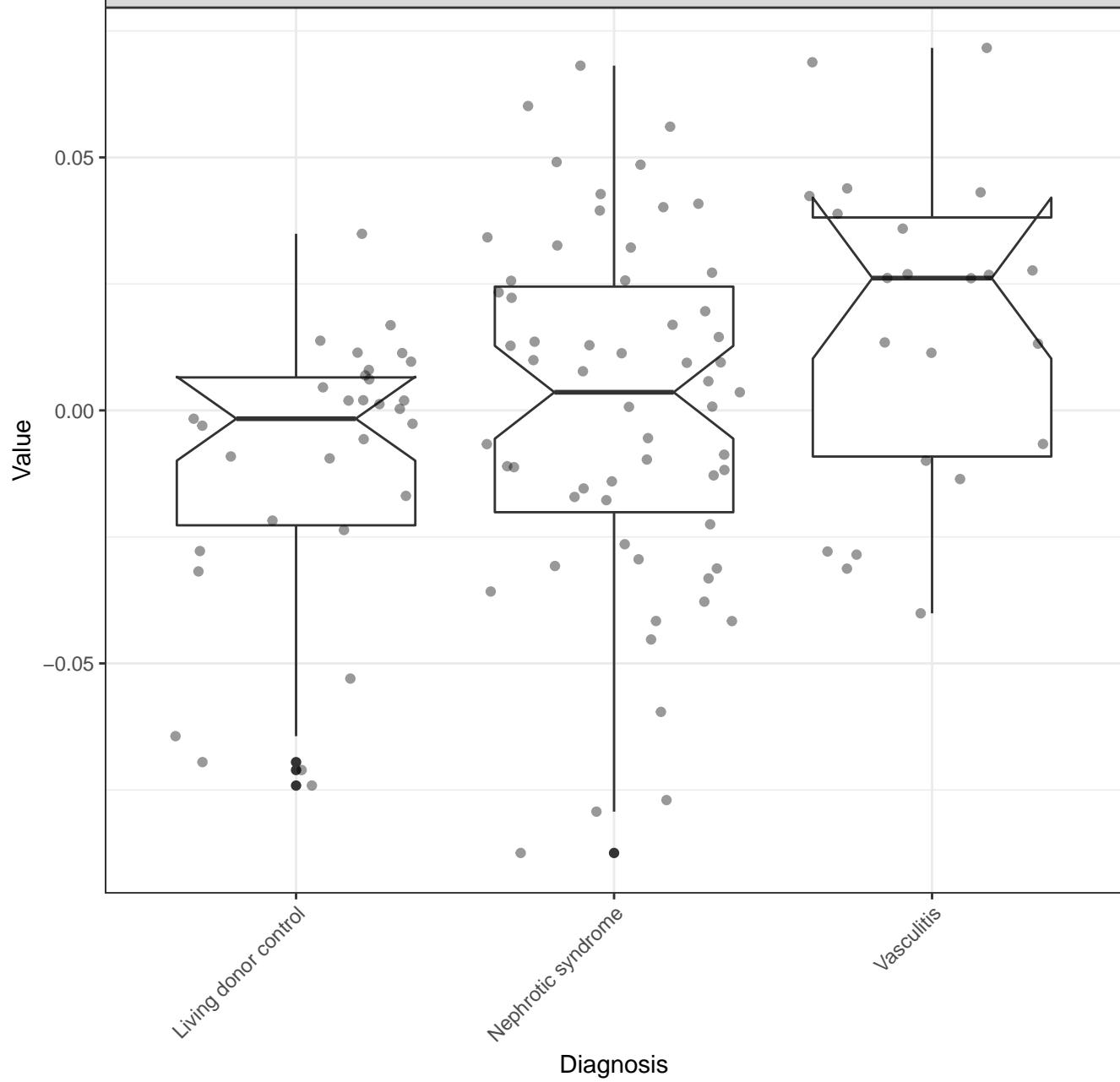
Vasculitis

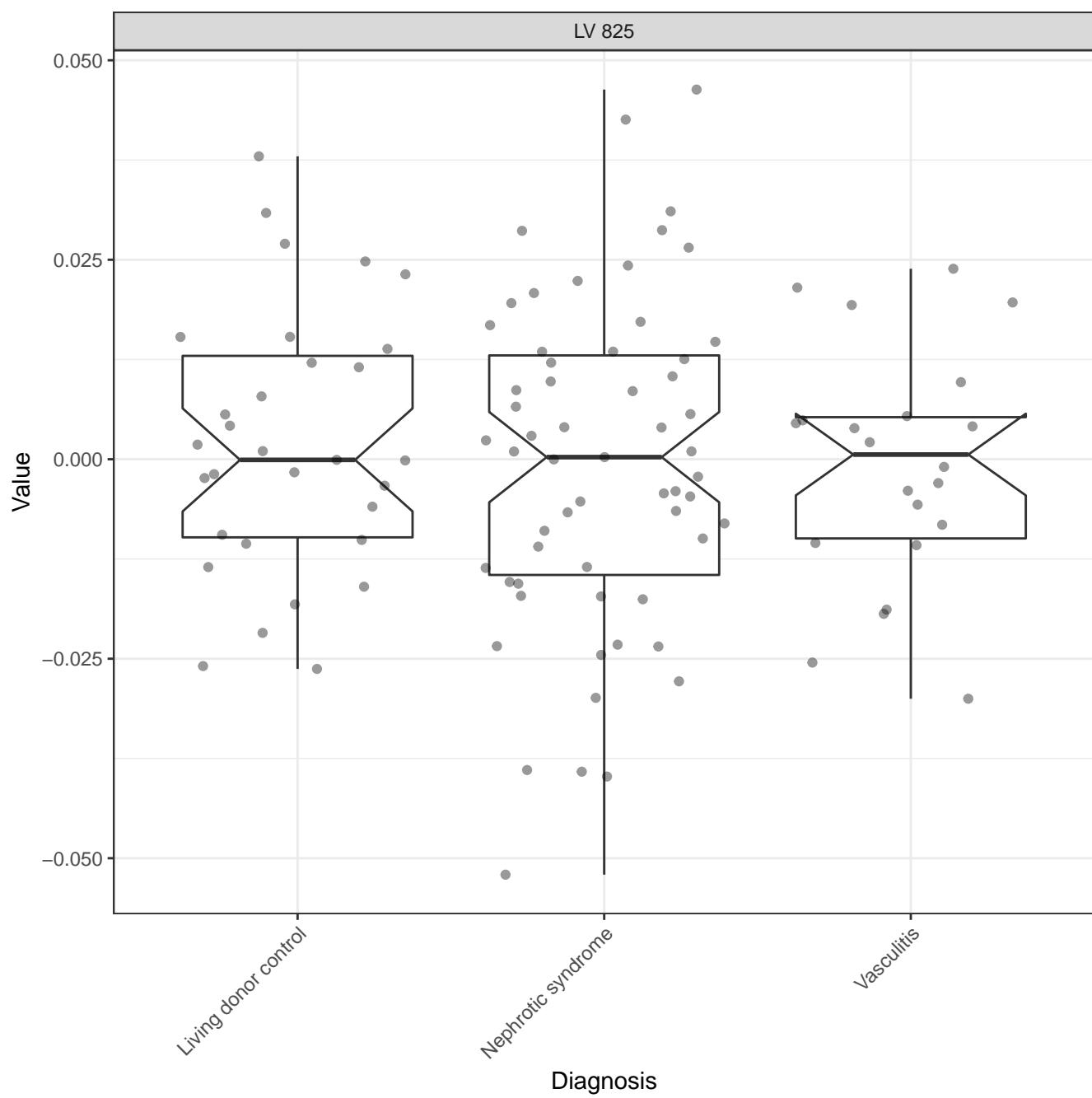
Diagnosis

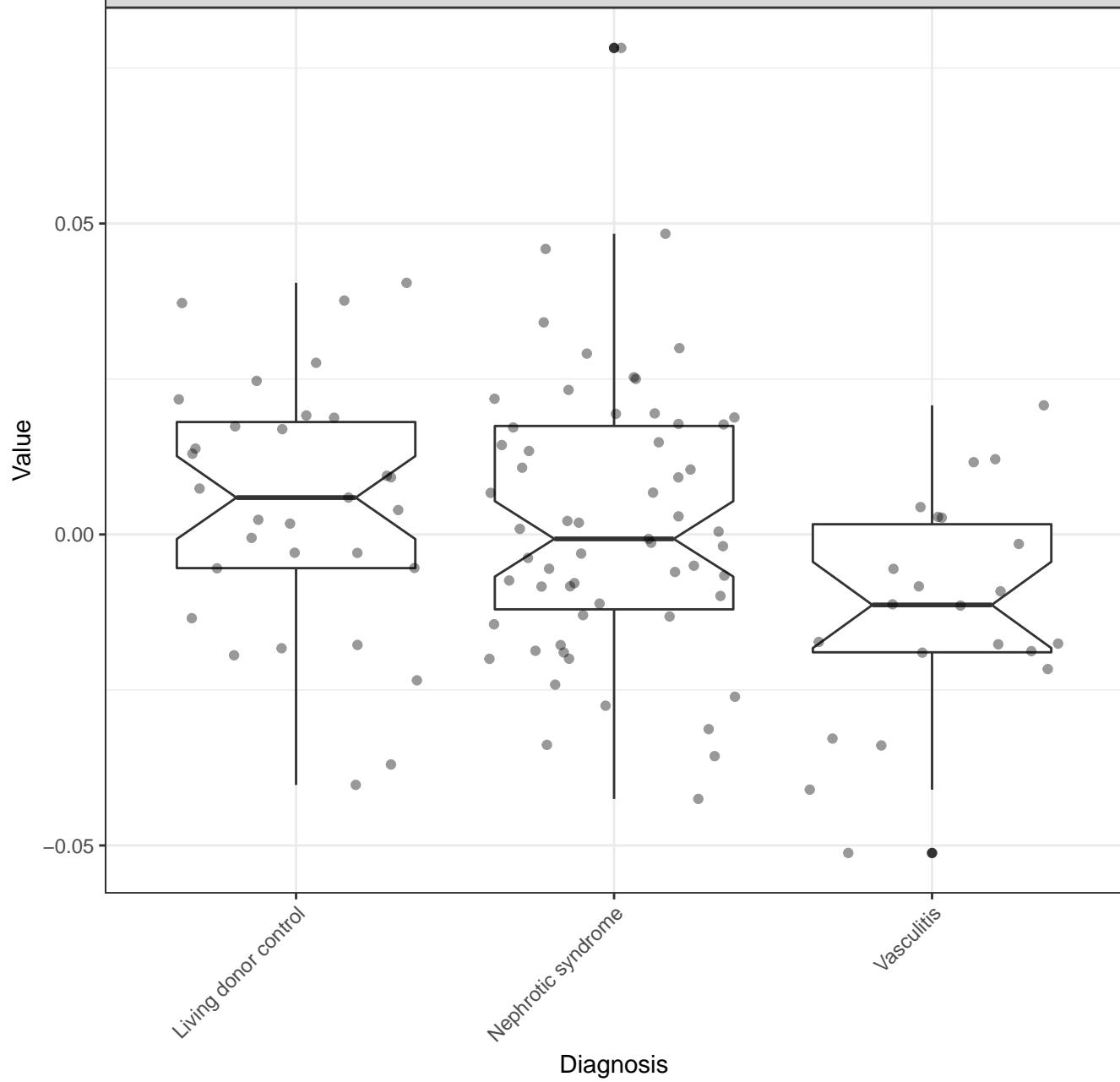


## 823,SVM T cells CD4 memory resting









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

Value

0.2

0.1

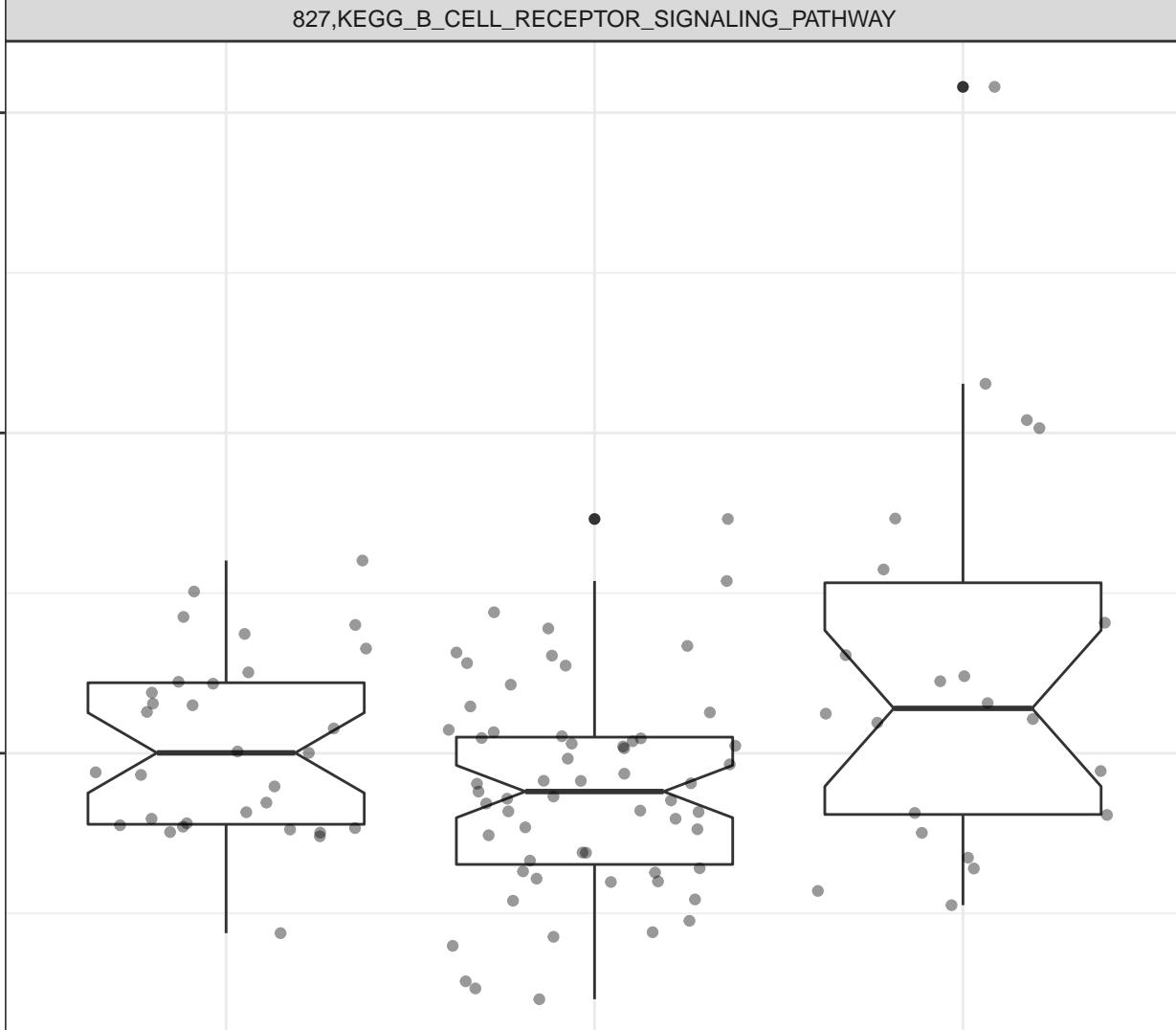
0.0

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.2

0.1

0.0

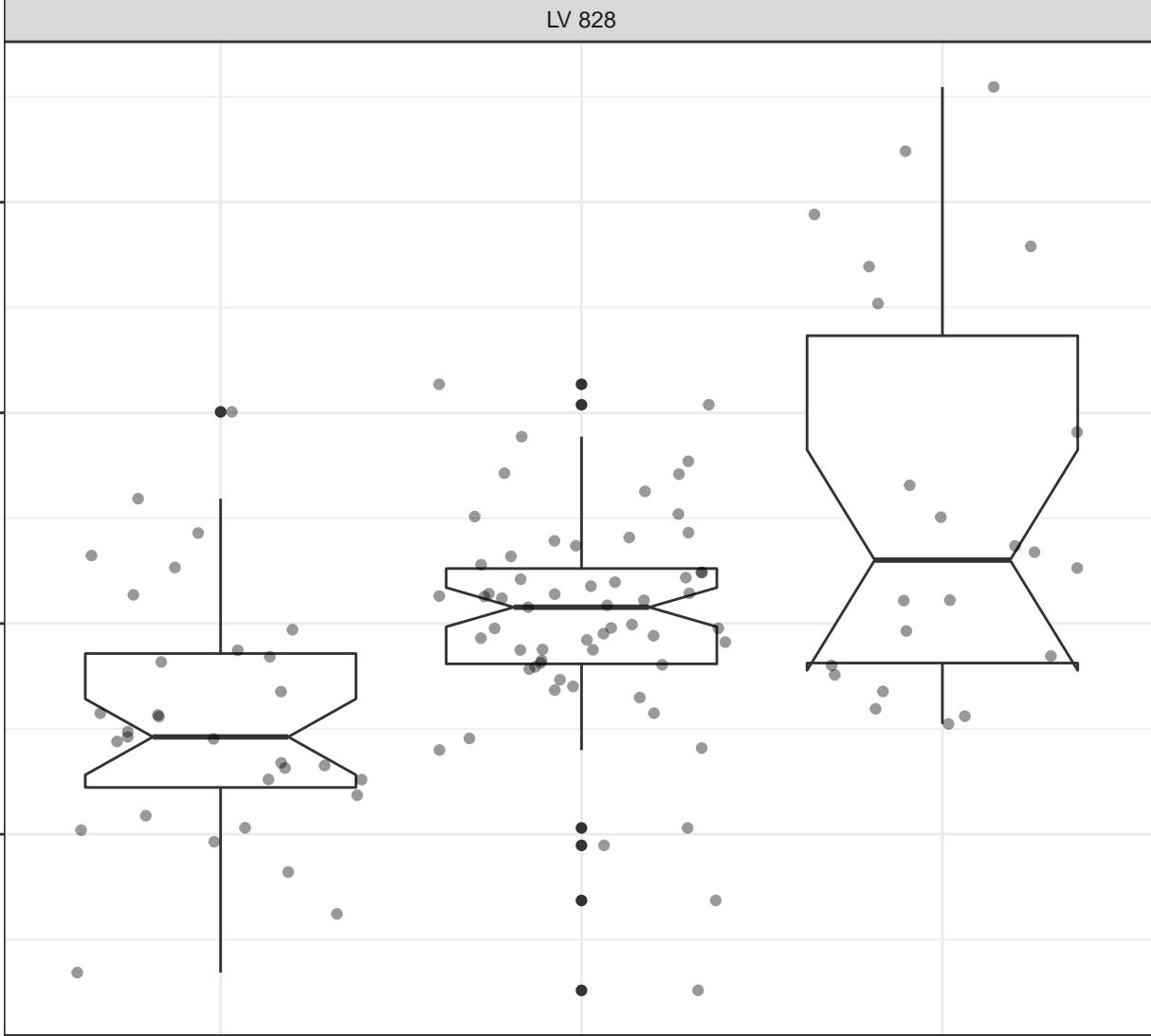
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 829

Value

0.04

0.00

-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 830

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

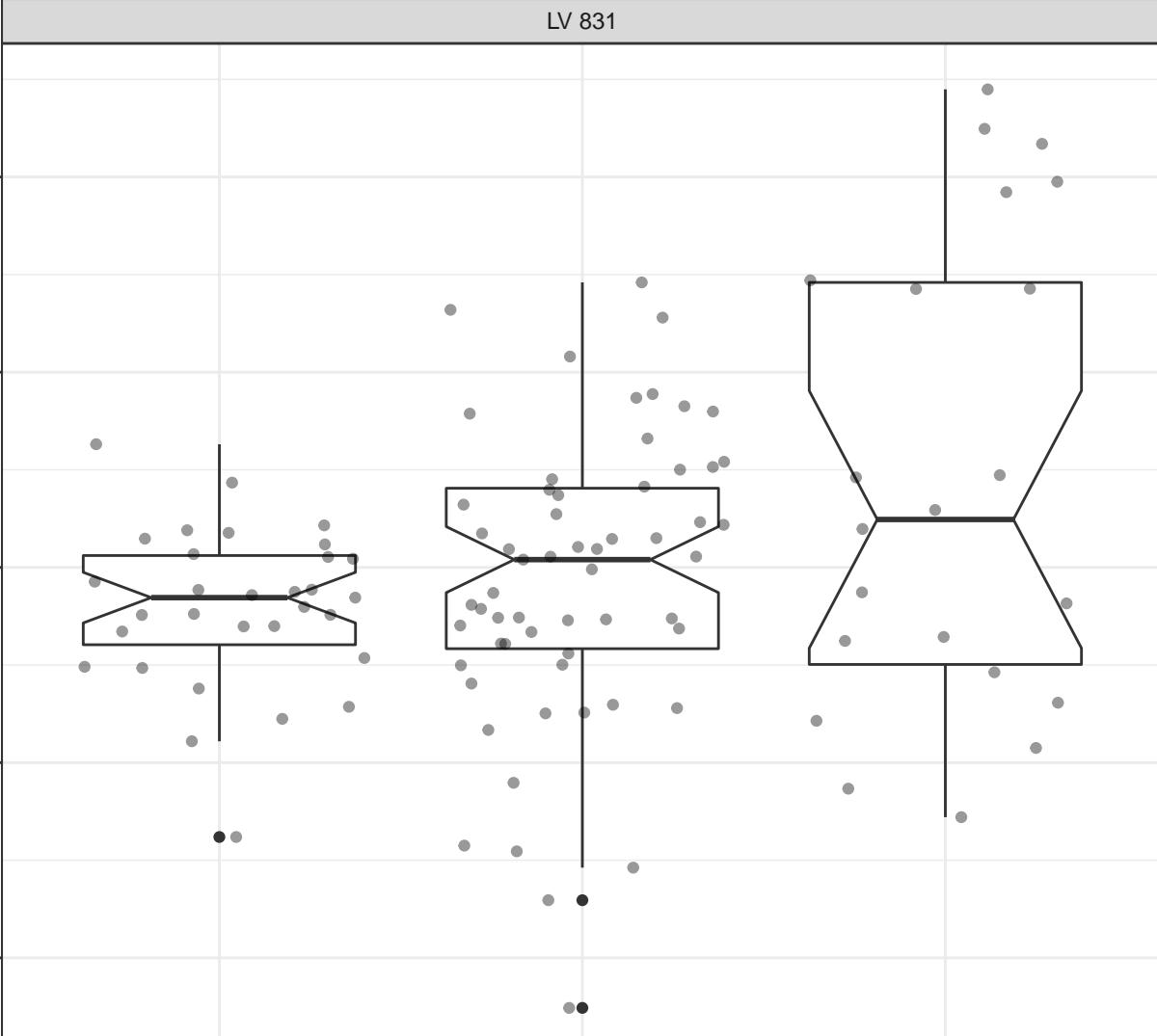
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 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

0.00

-0.05

-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 835

Value

0.2

0.1

-0.1

-0.2

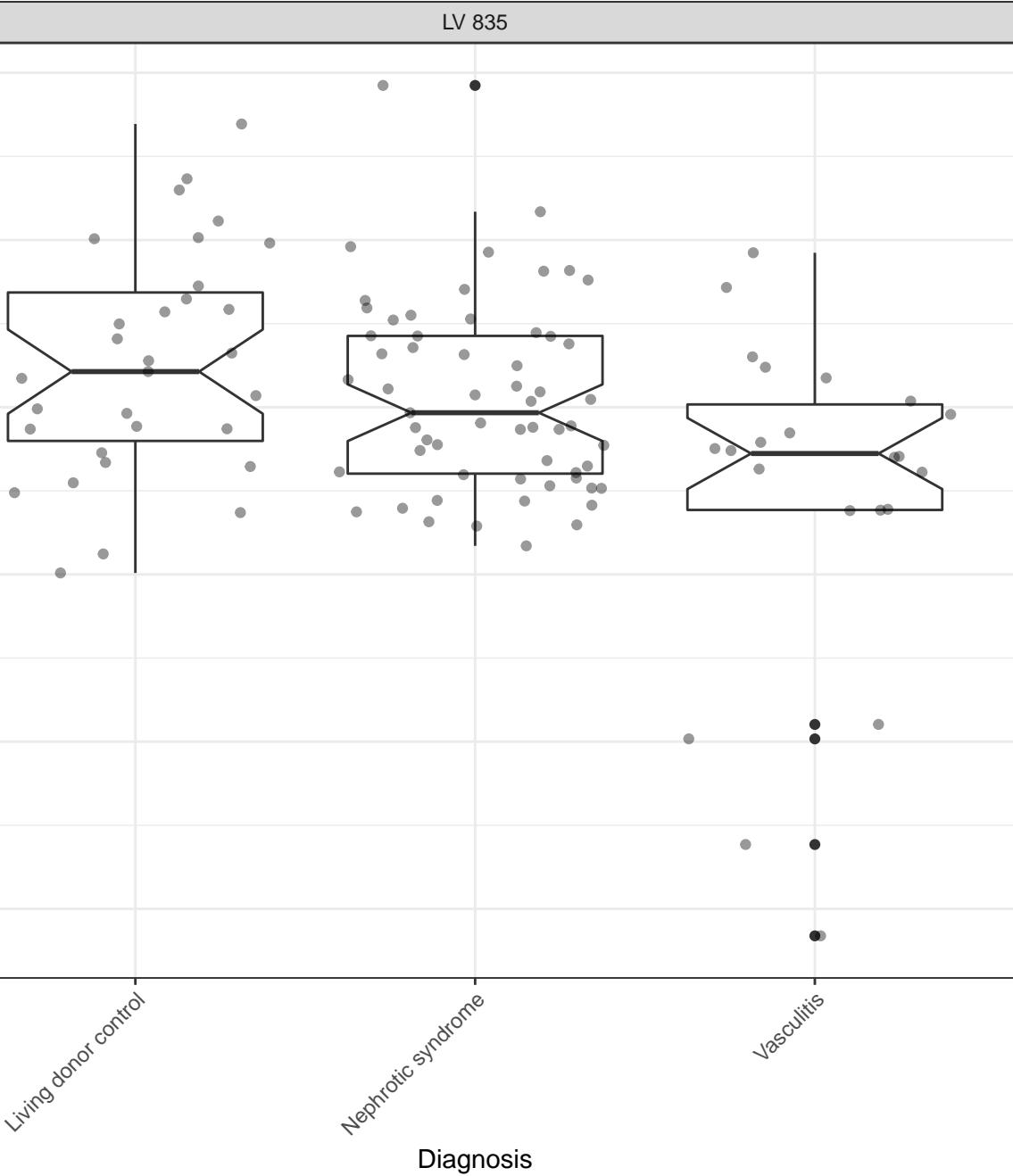
-0.3

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 836

Value

0.10

0.05

0.00

-0.05

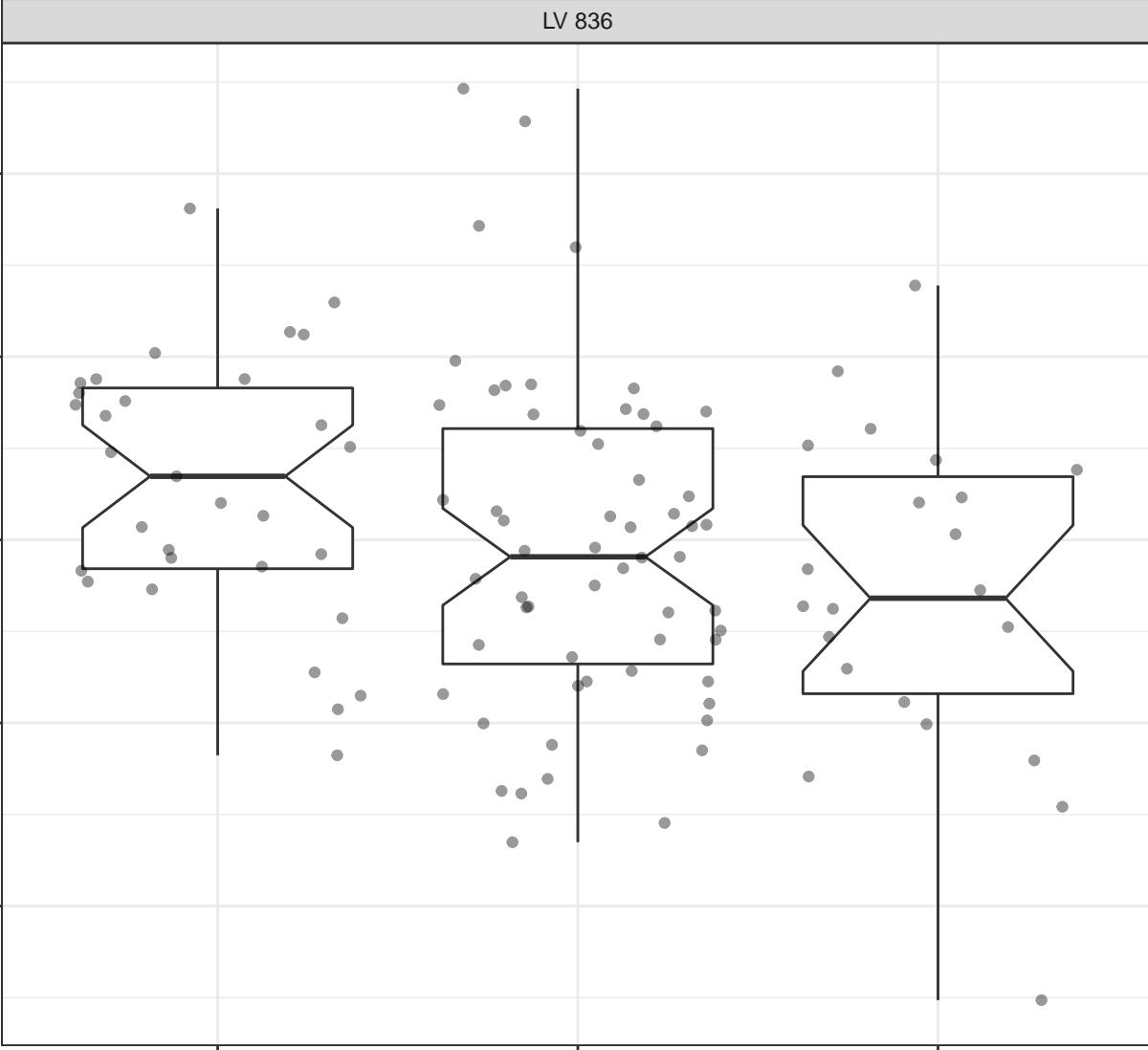
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

-0.05

-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 838

Value

0.08

0.04

0.00

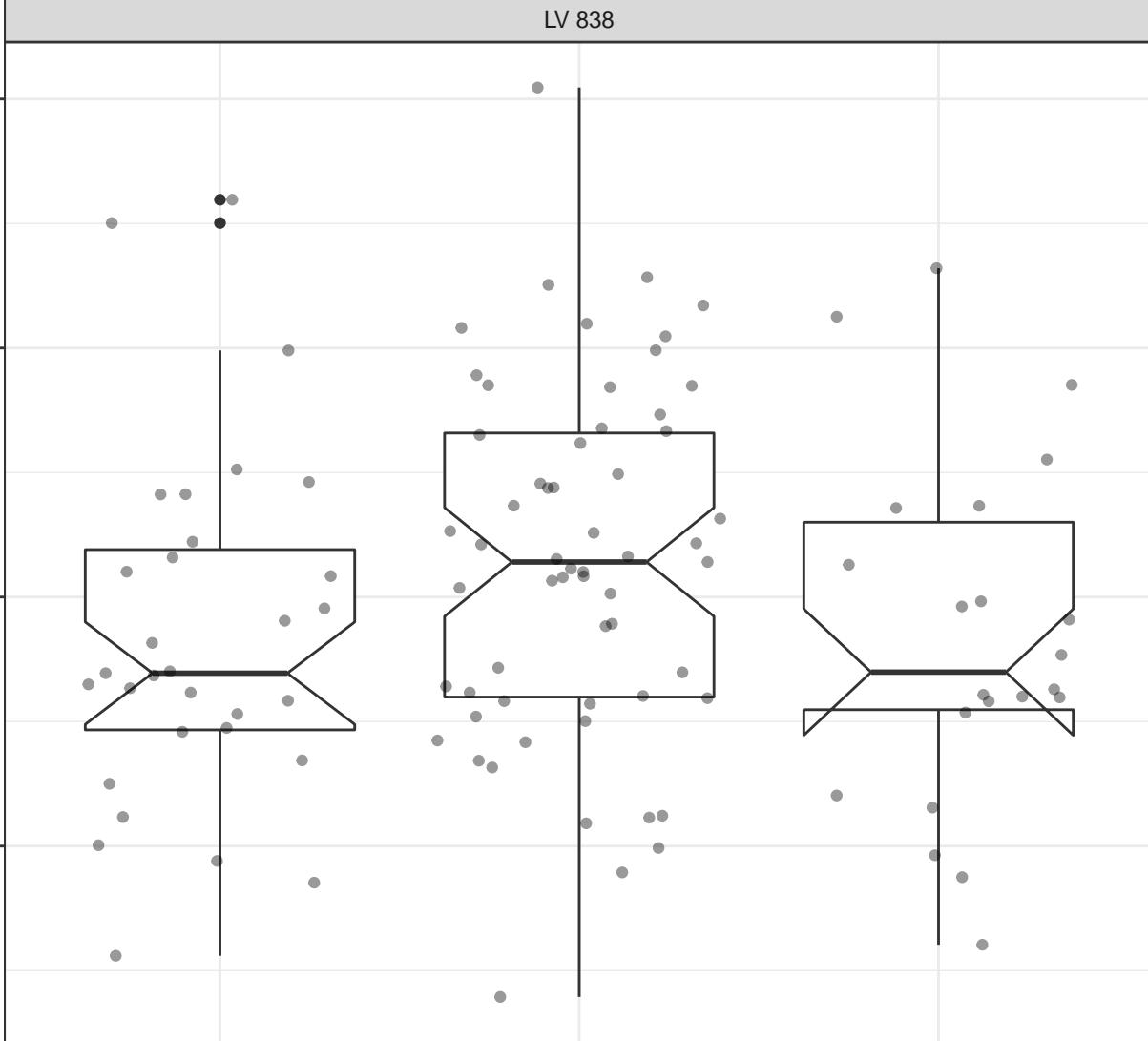
-0.04

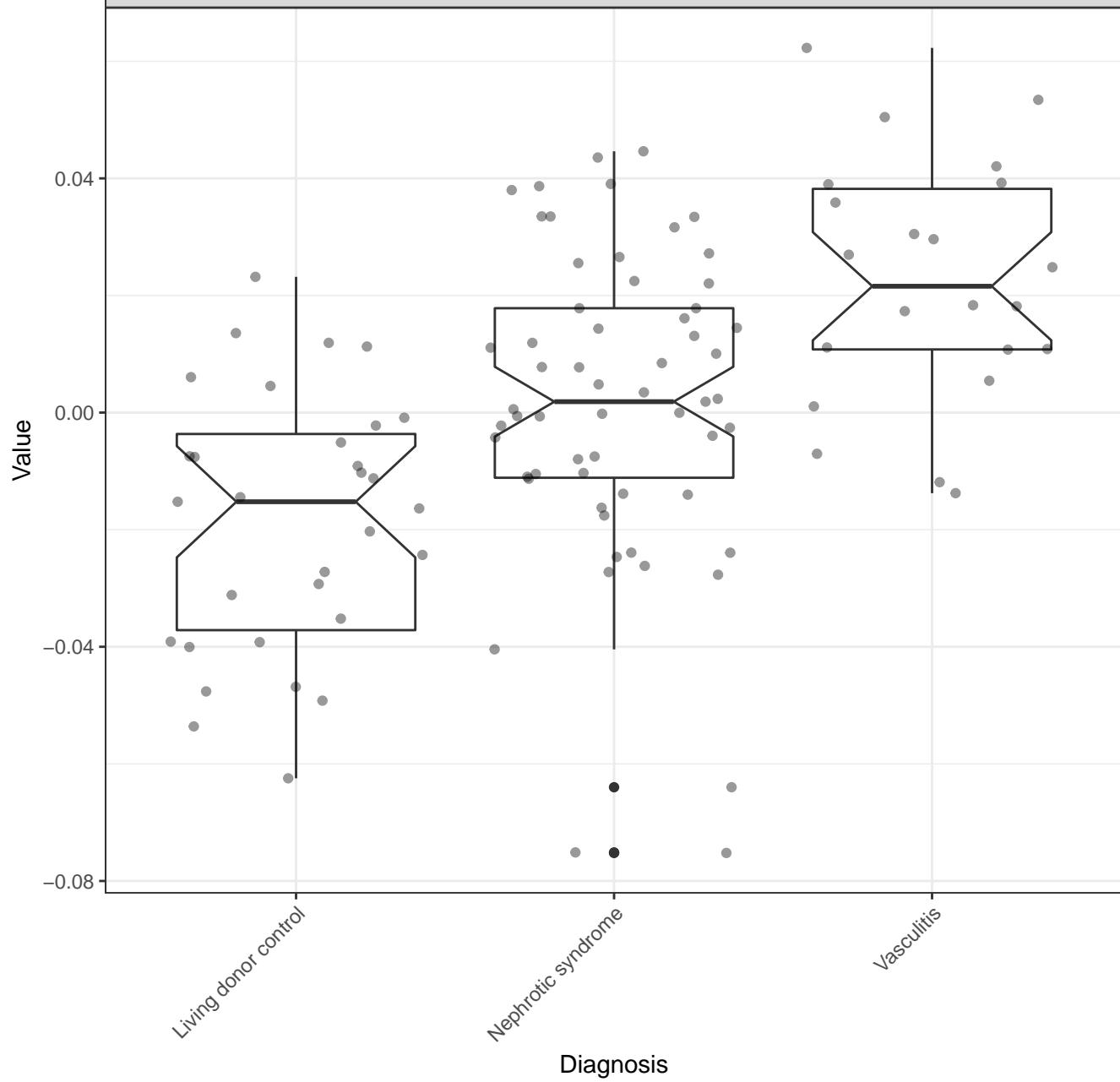
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





## 840,MIPS\_39S\_RIBOSOMAL\_SUBUNIT\_MITOCHONDRIAL

Value

0.2

0.1

0.0

-0.1

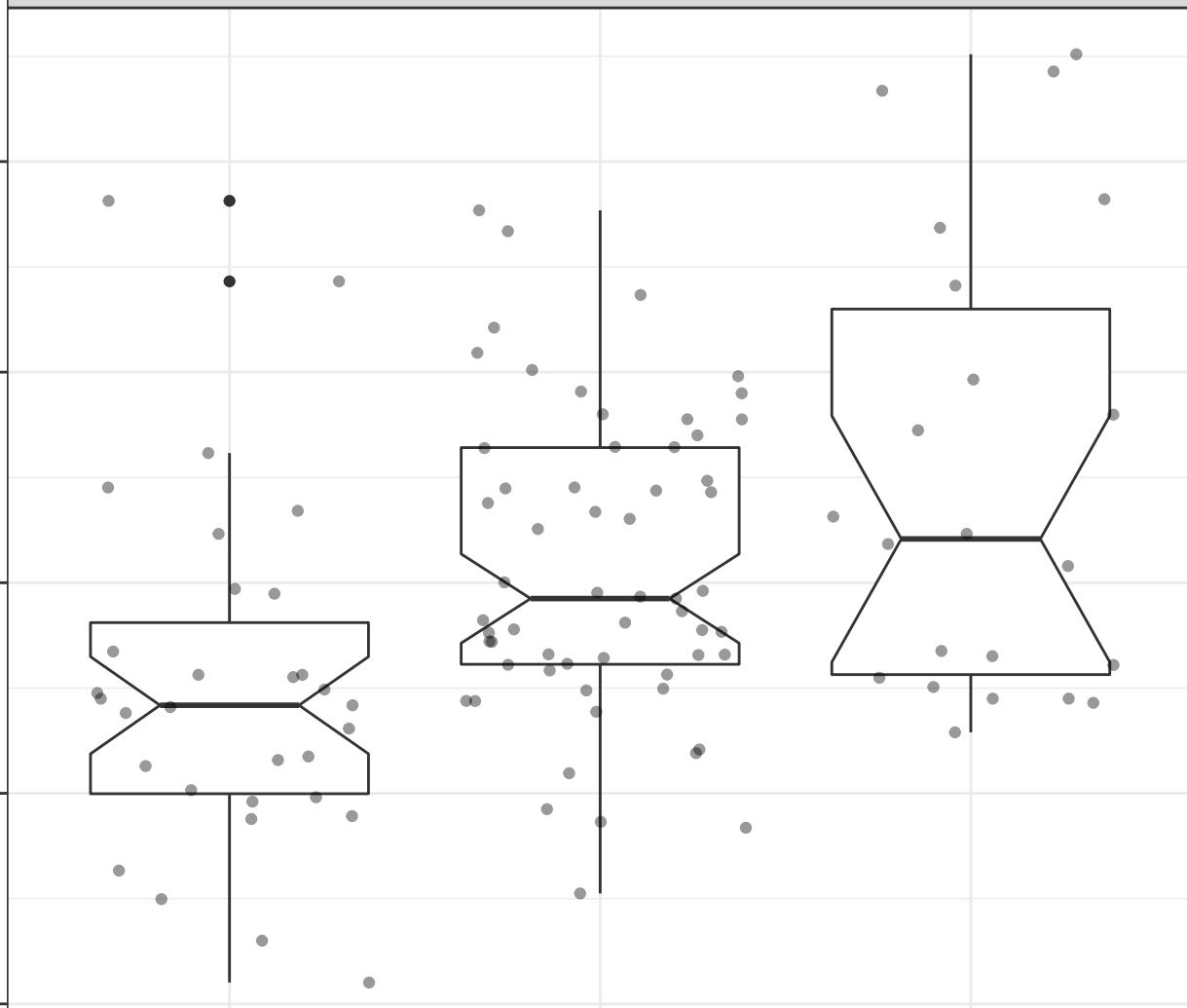
-0.2

Living donor control

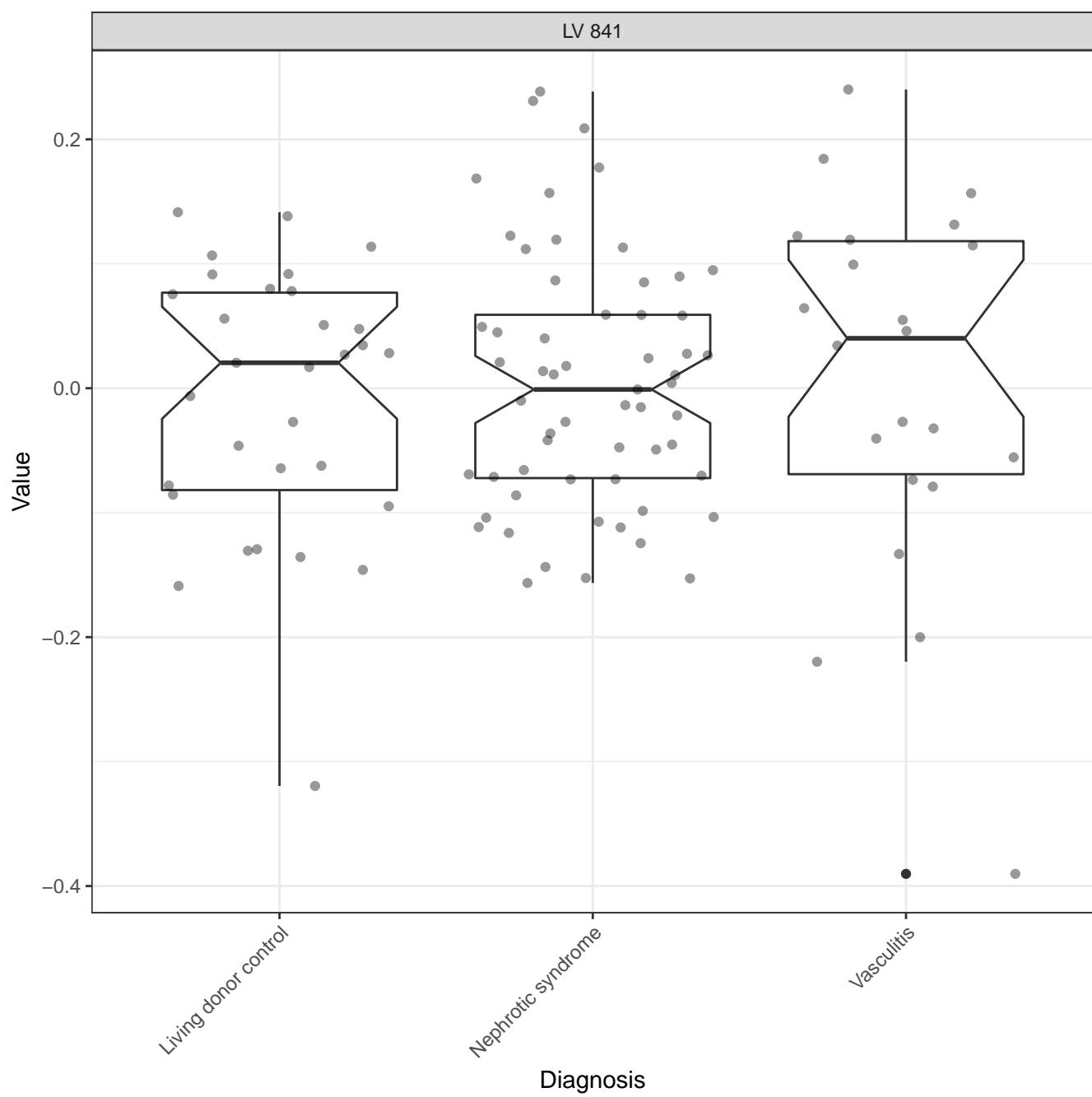
Nephrotic syndrome

Vasculitis

Diagnosis



LV 841



Value

0.10

0.05

0.00

-0.05

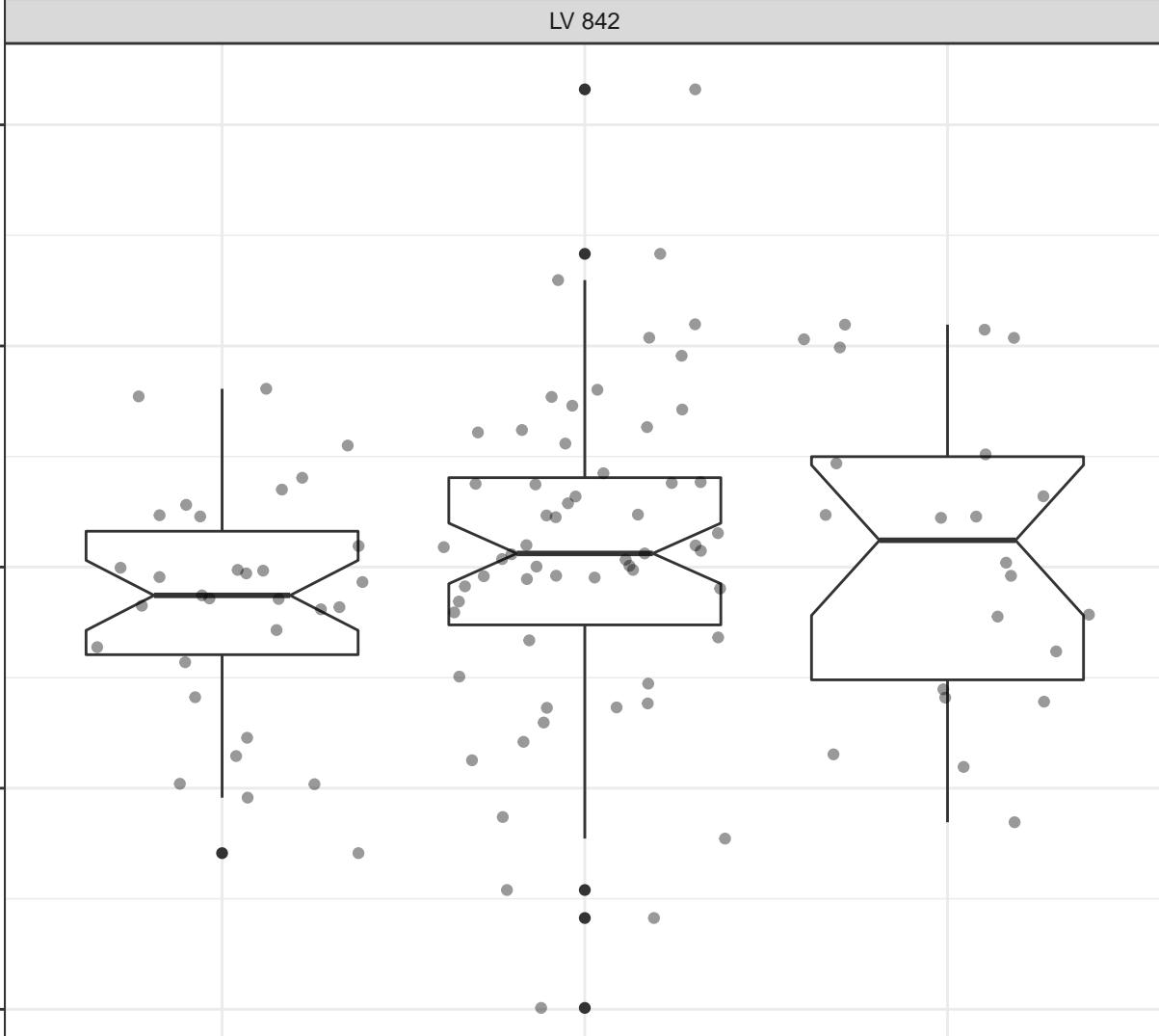
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 843

Value

0.06

0.03

0.00

-0.03

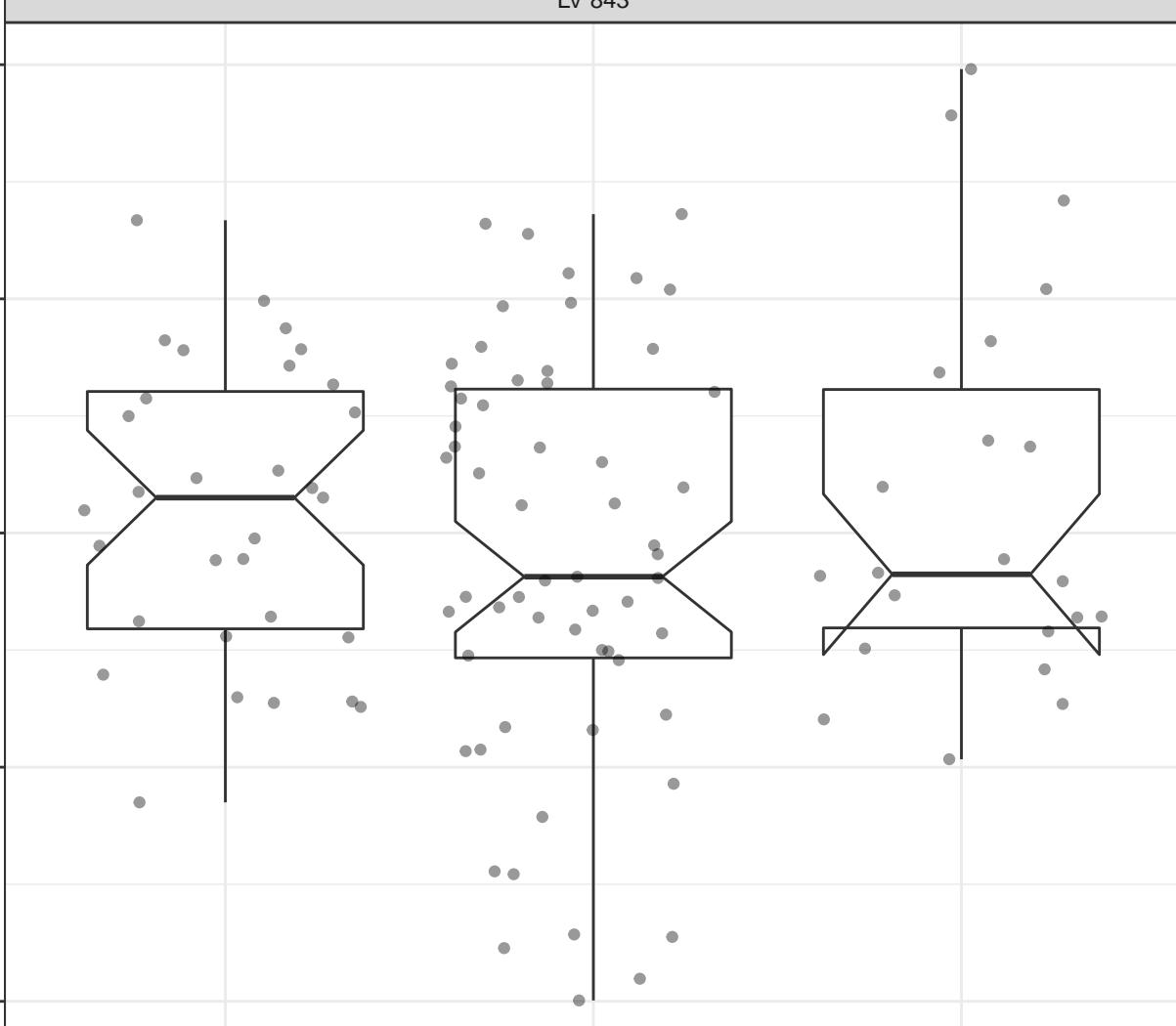
-0.06

Living donor control

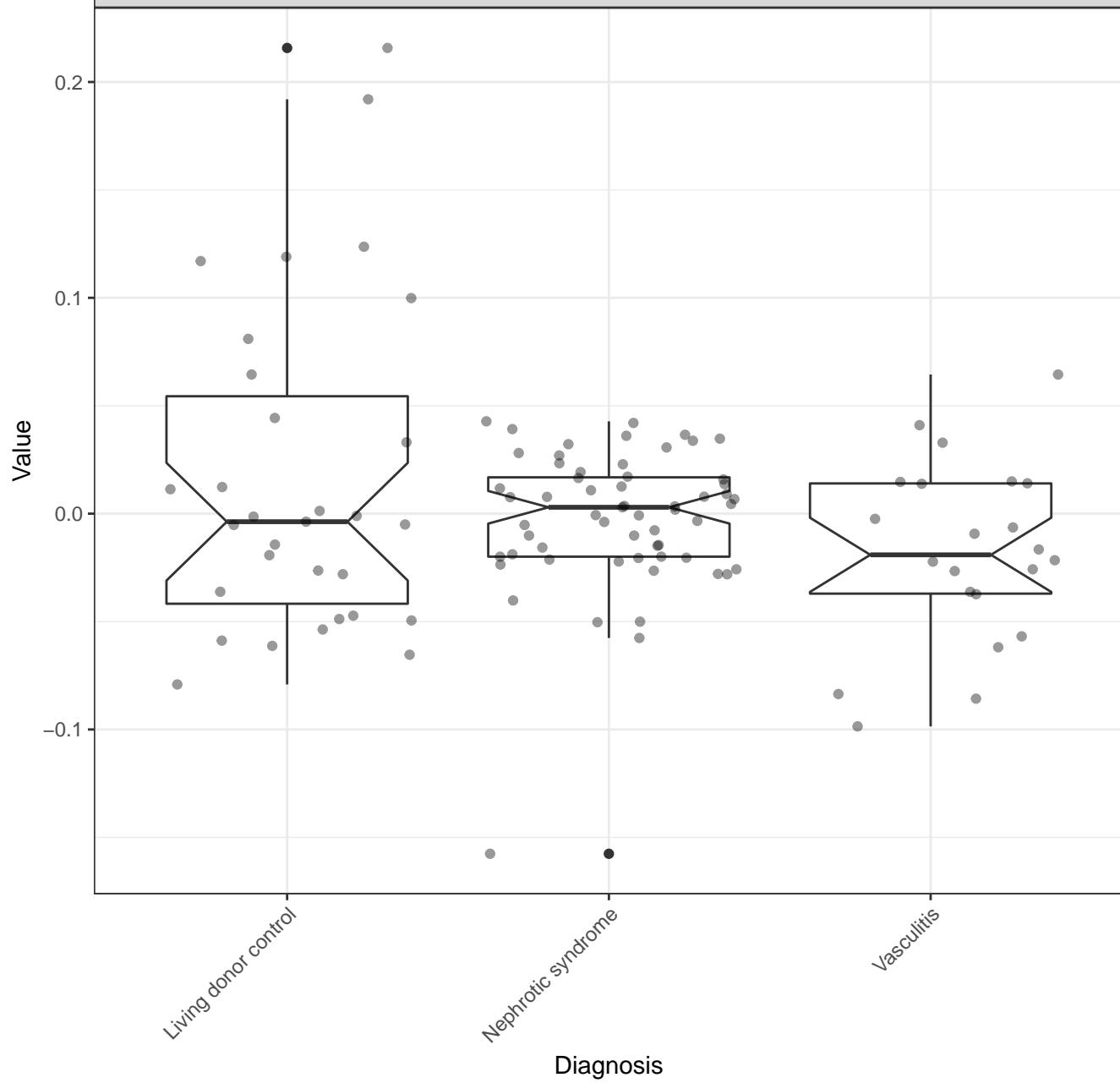
Nephrotic syndrome

Vasculitis

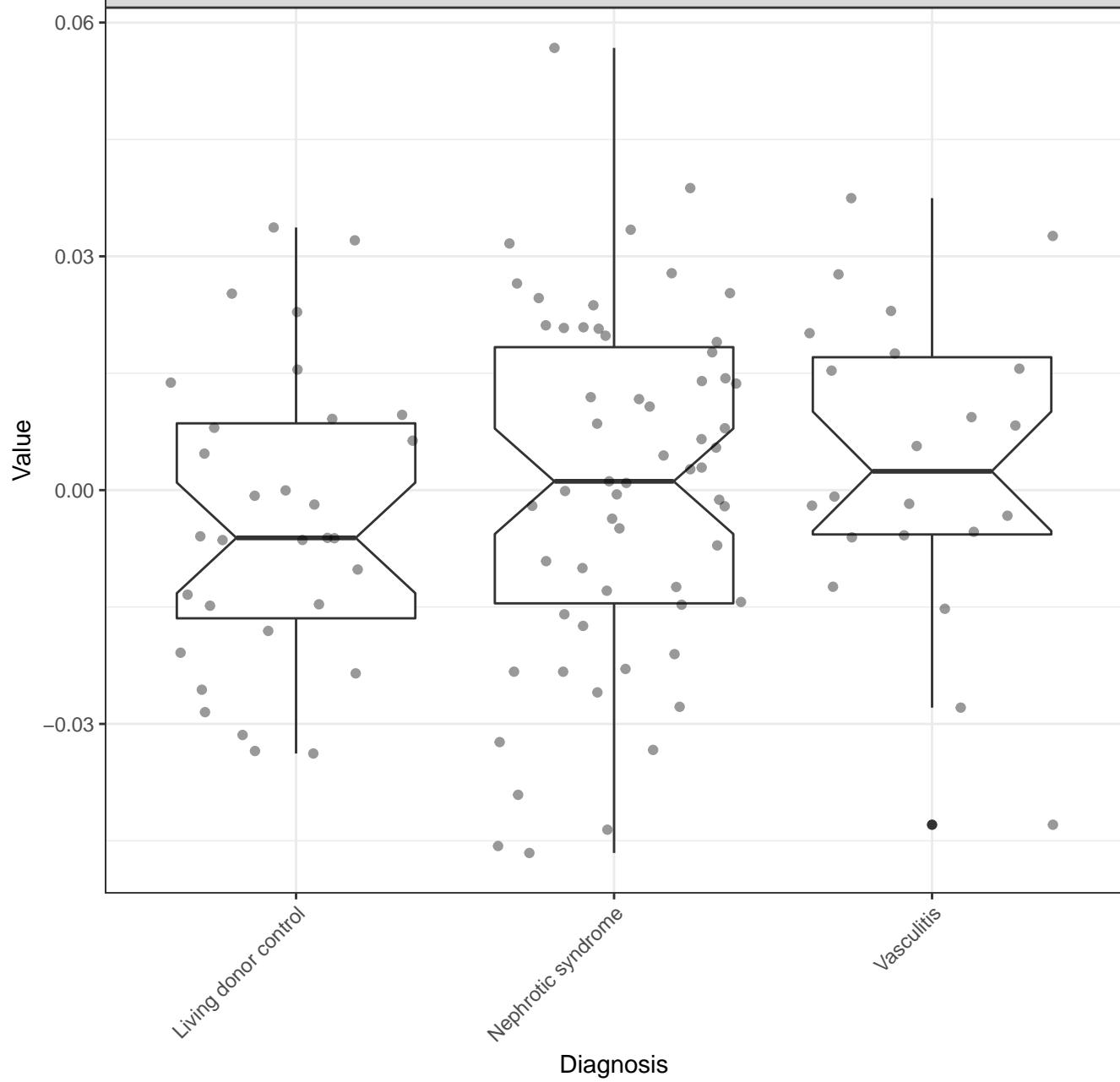
Diagnosis



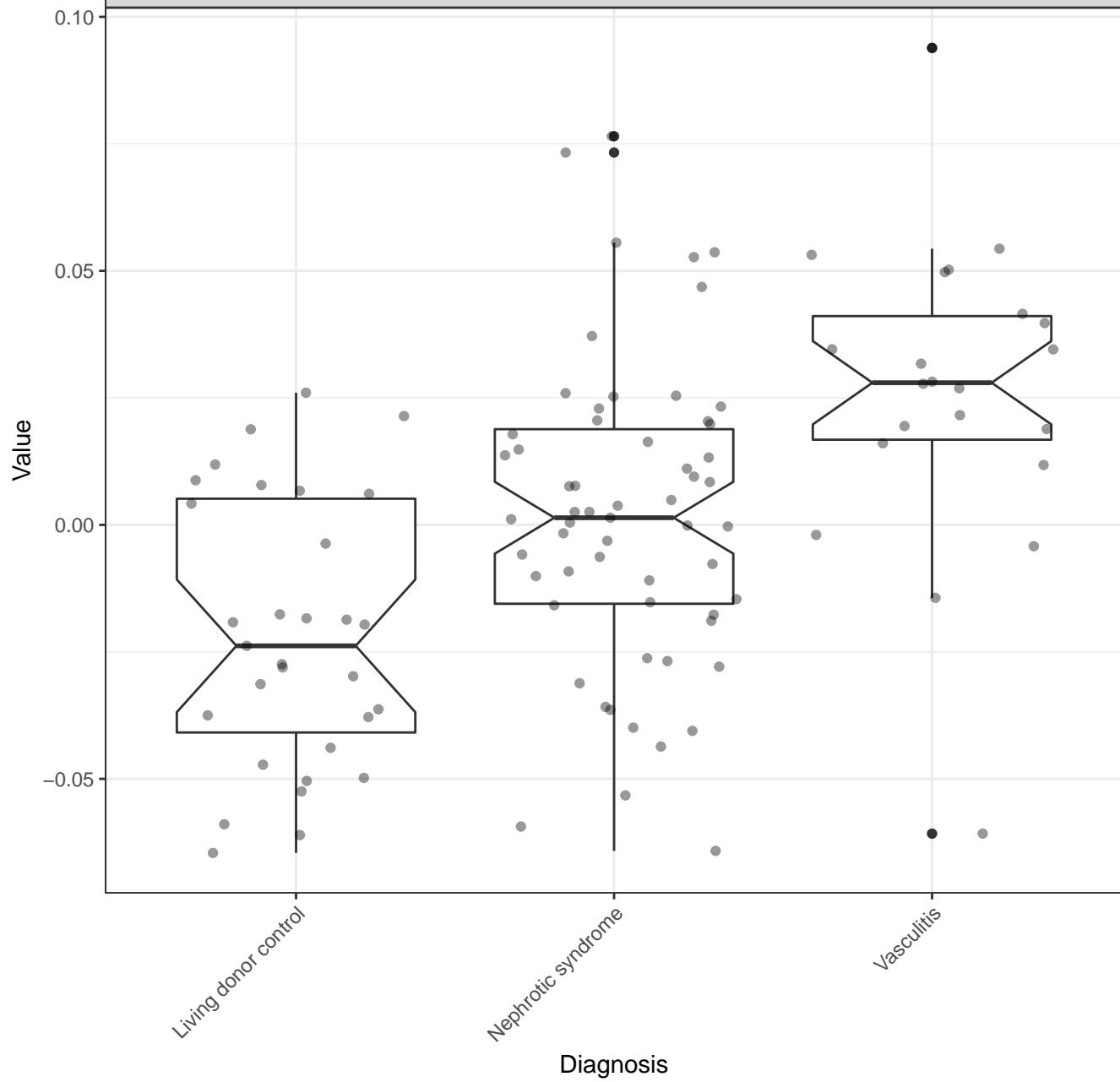
# 844,KEGG\_ANTIGEN\_PROCESSING\_AND\_PRESENTATION



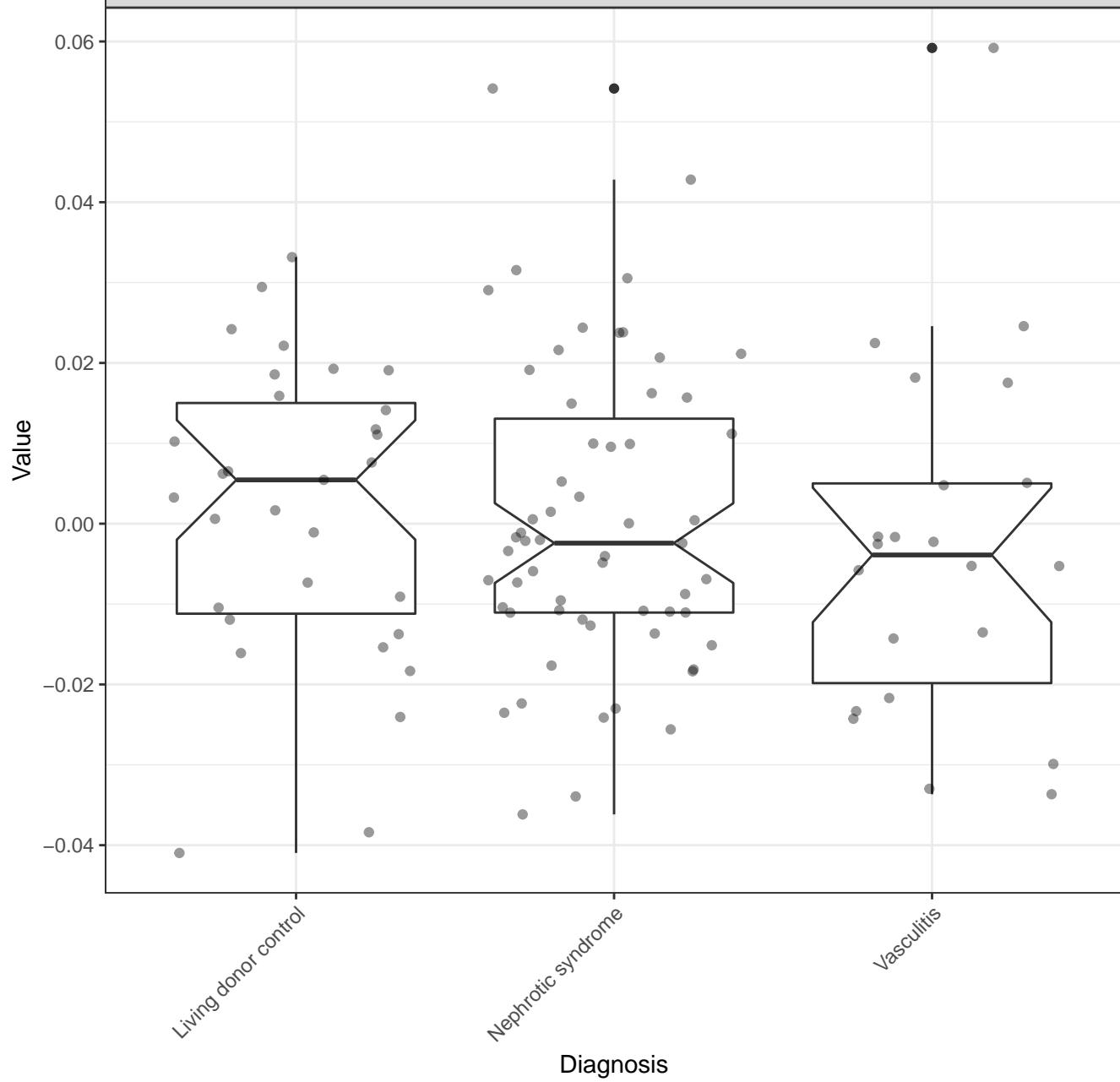
LV 845



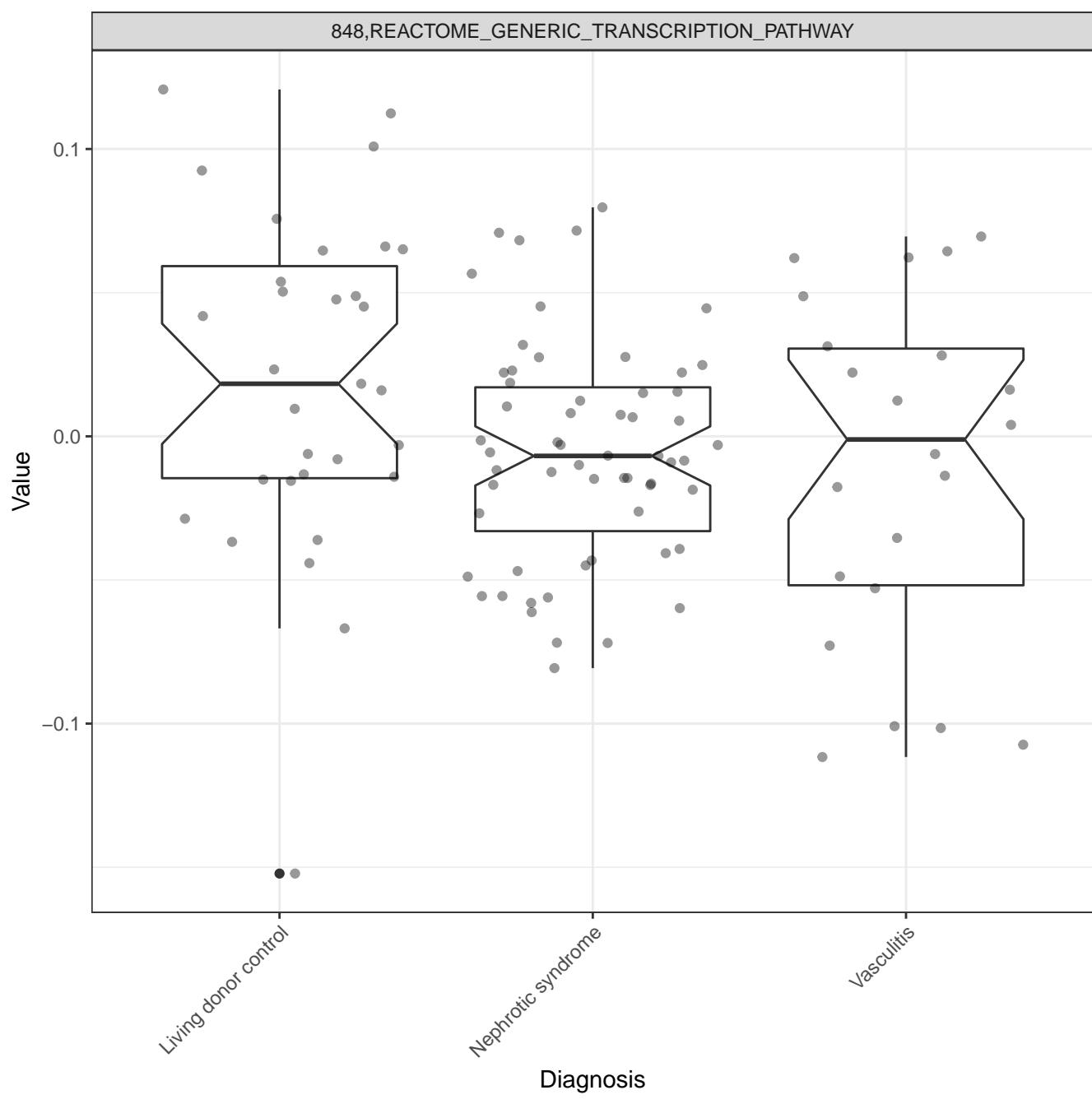
LV 846



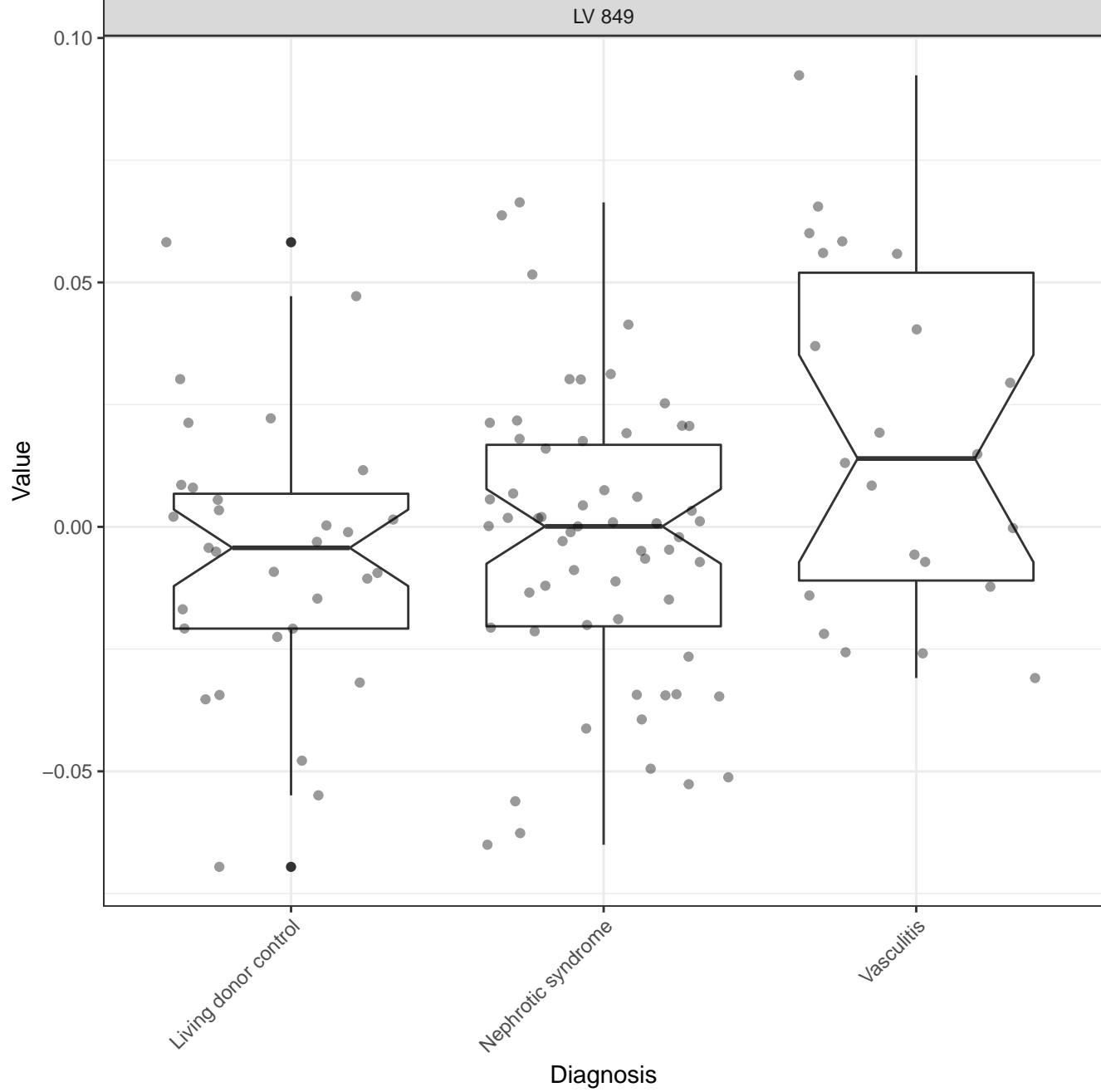
## 847,REACTOME\_AMYLOIDS



## 848,REACTOME\_GENERIC\_TRANSSCRIPTION\_PATHWAY



LV 849



LV 850

Value

0.05

0.00

-0.05

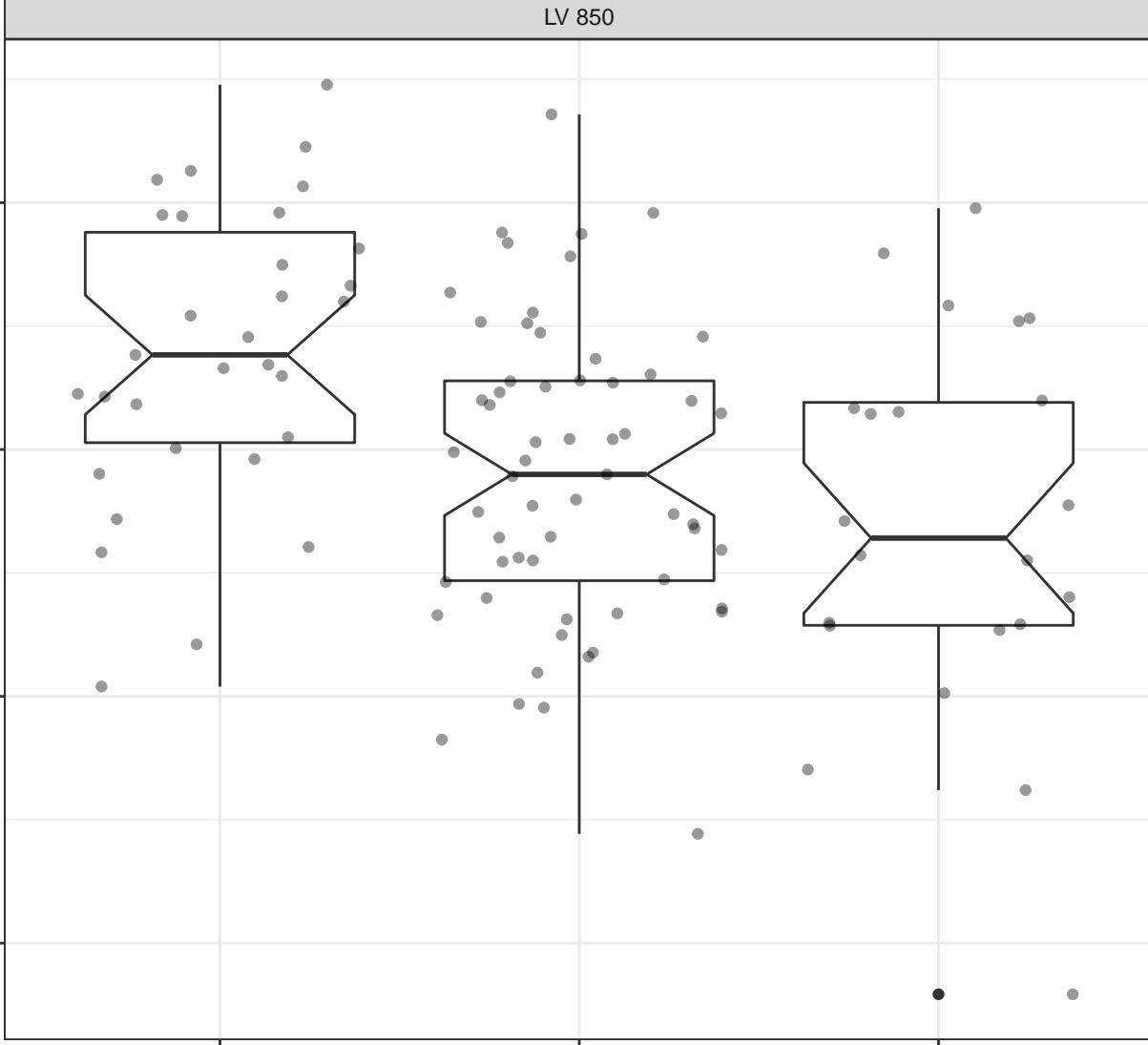
-0.10

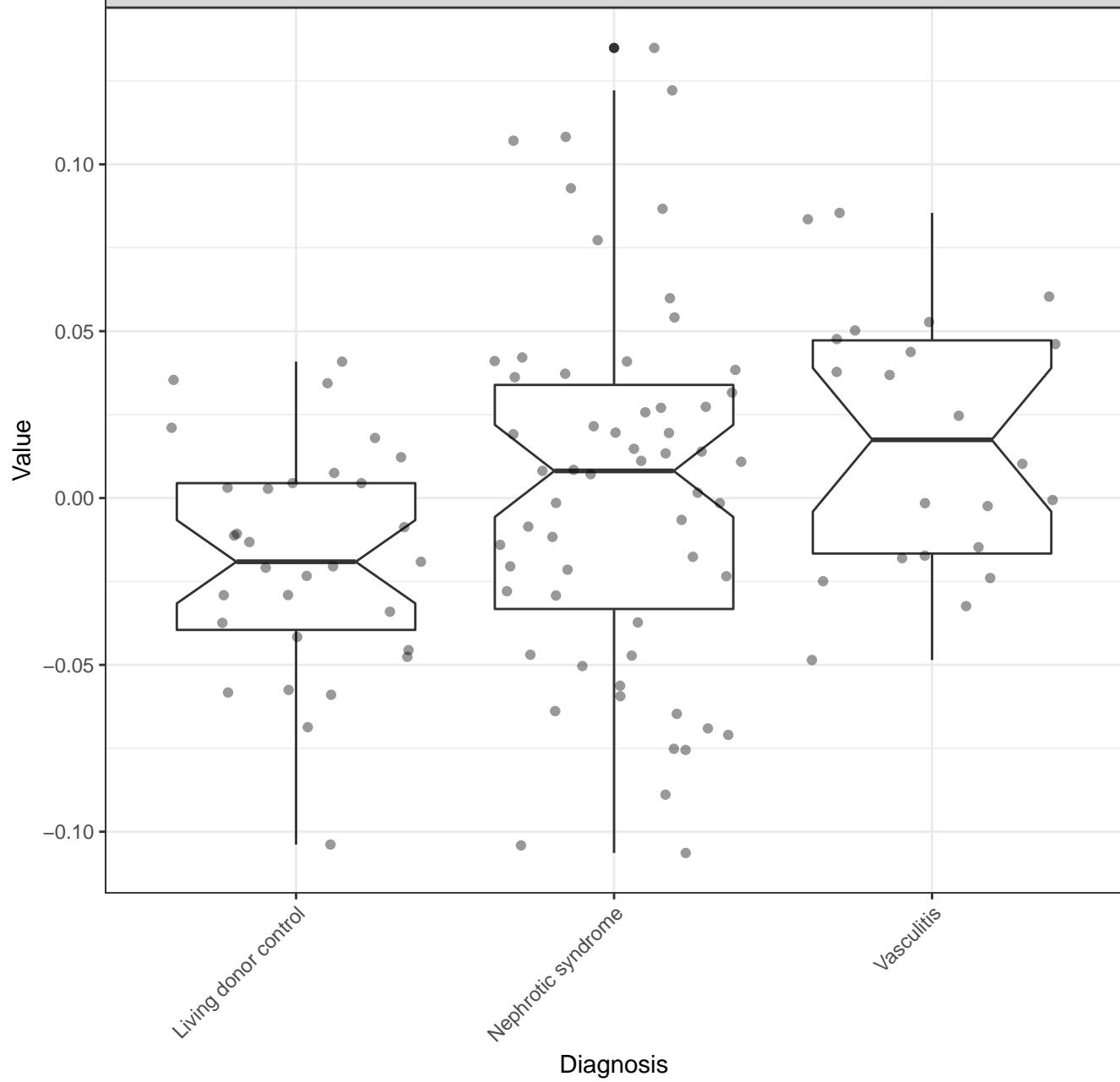
Living donor control

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

-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.2

0.1

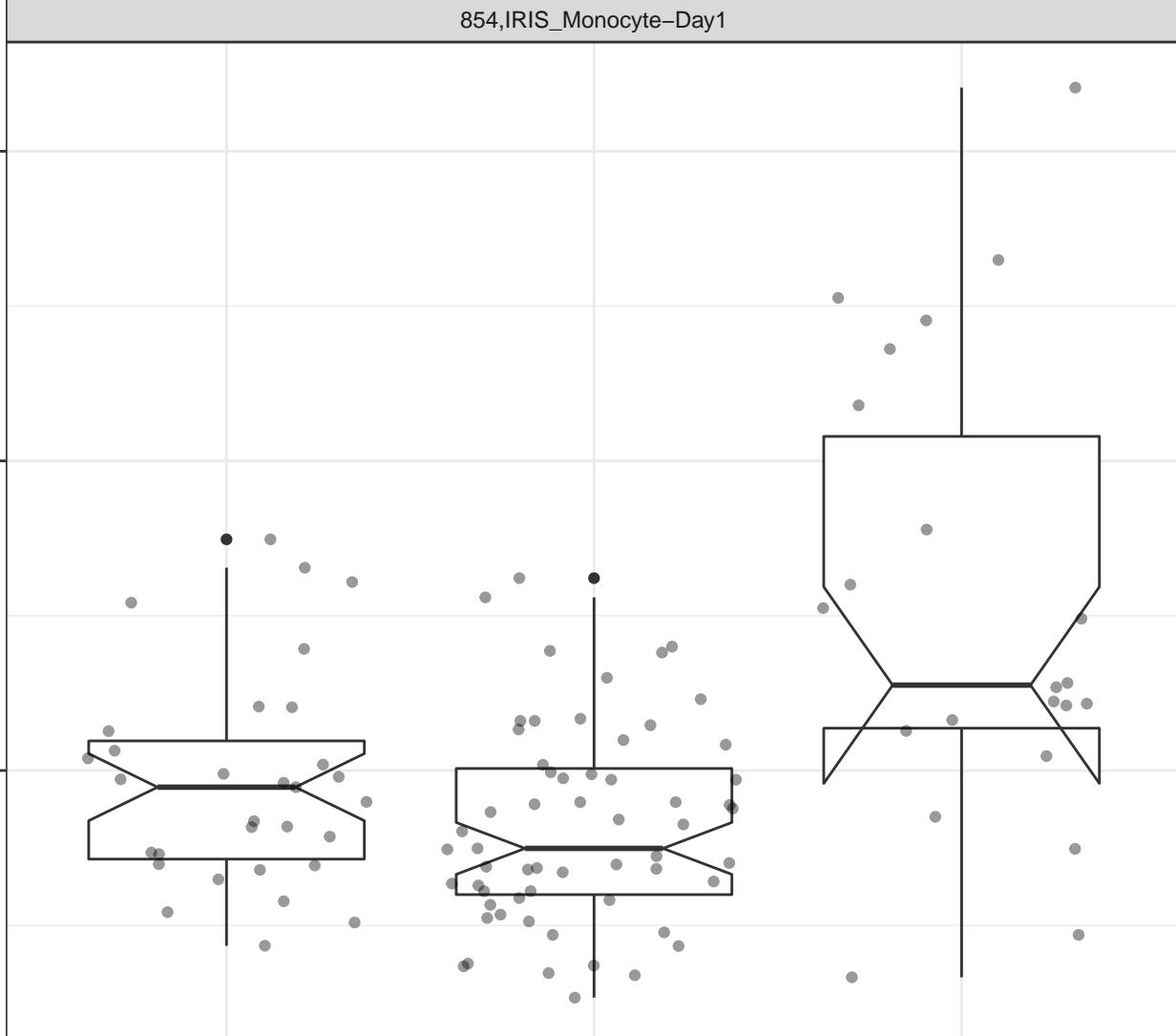
0.0

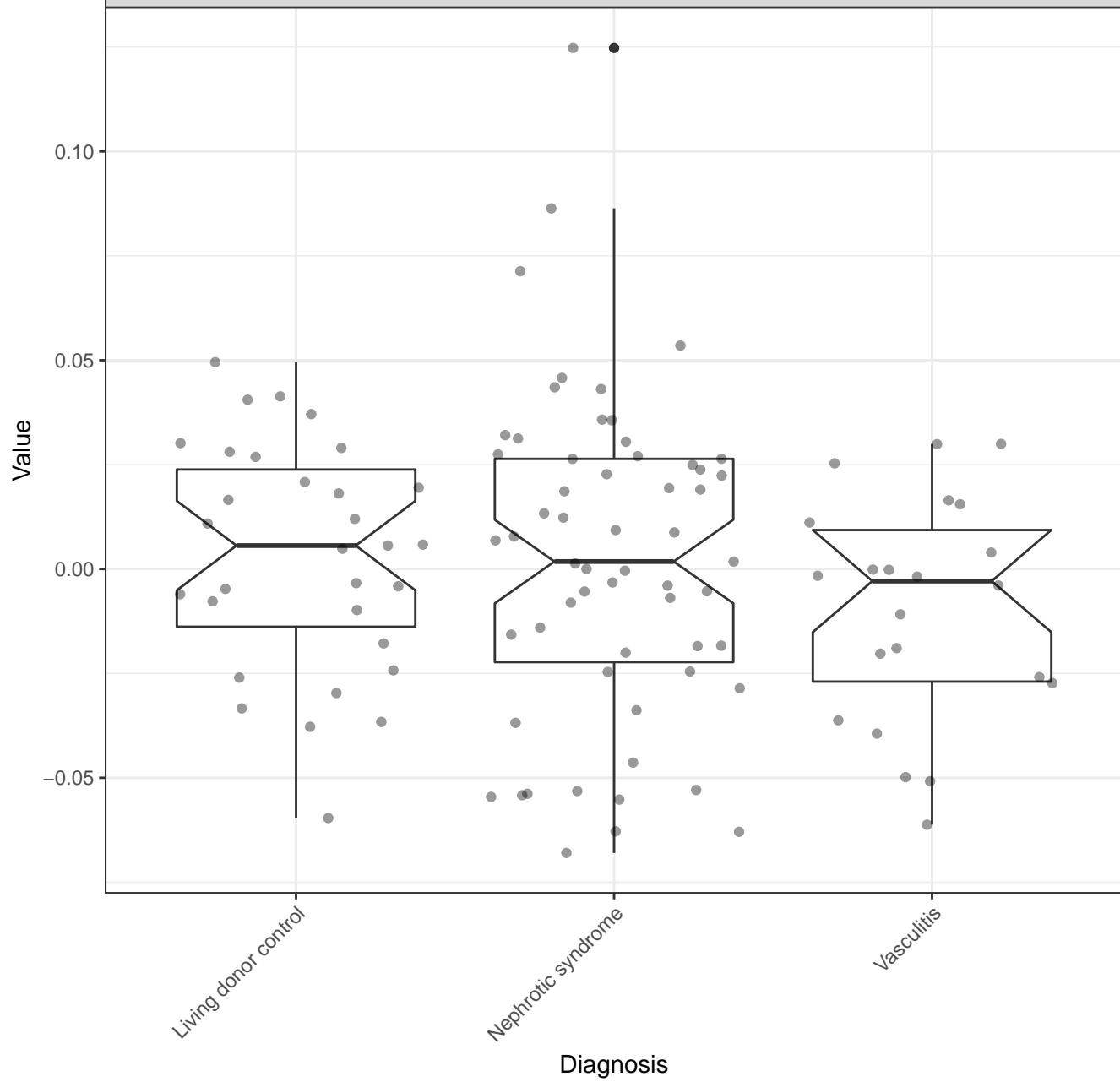
Living donor control

Nephrotic syndrome

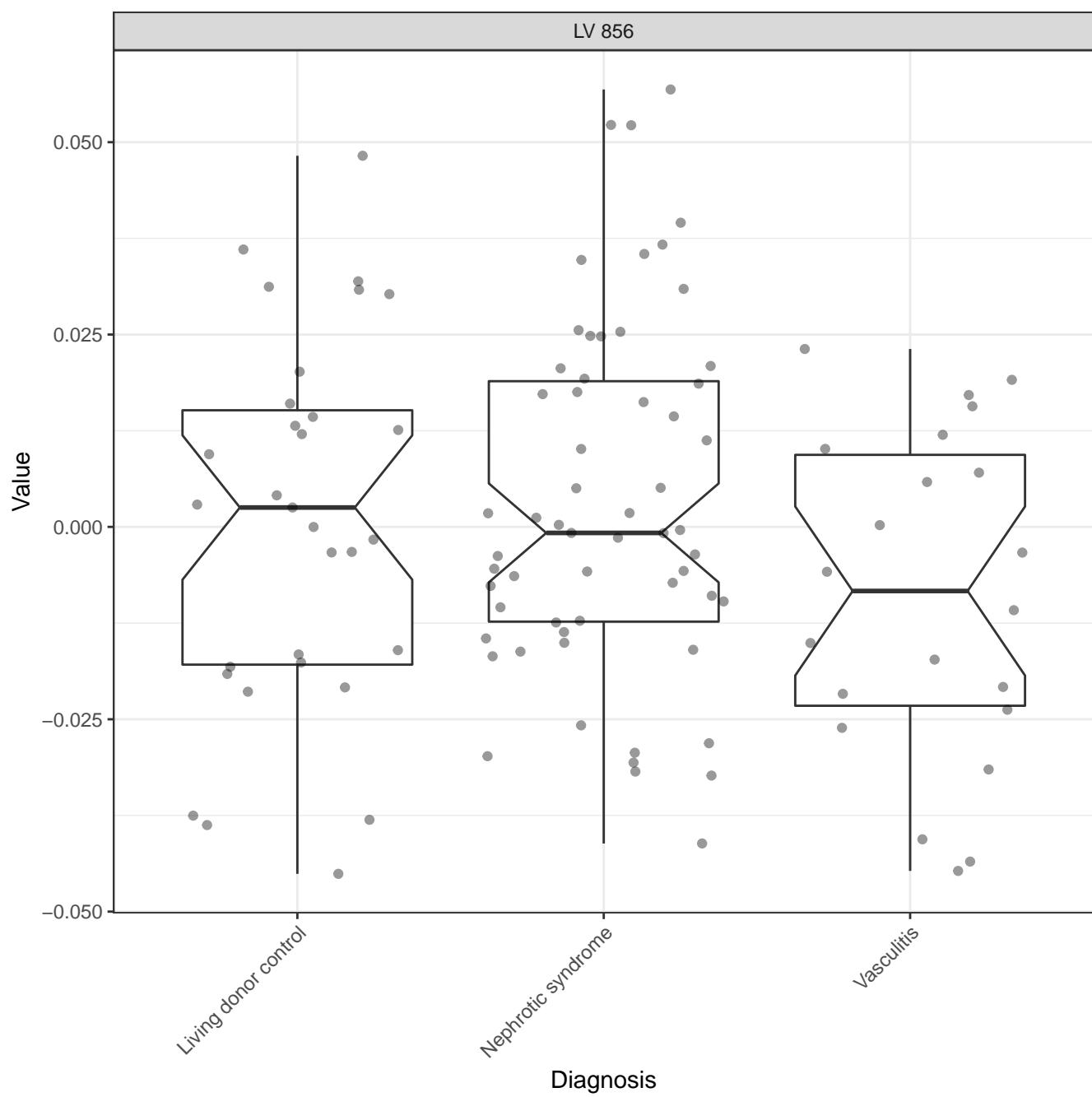
Vasculitis

Diagnosis

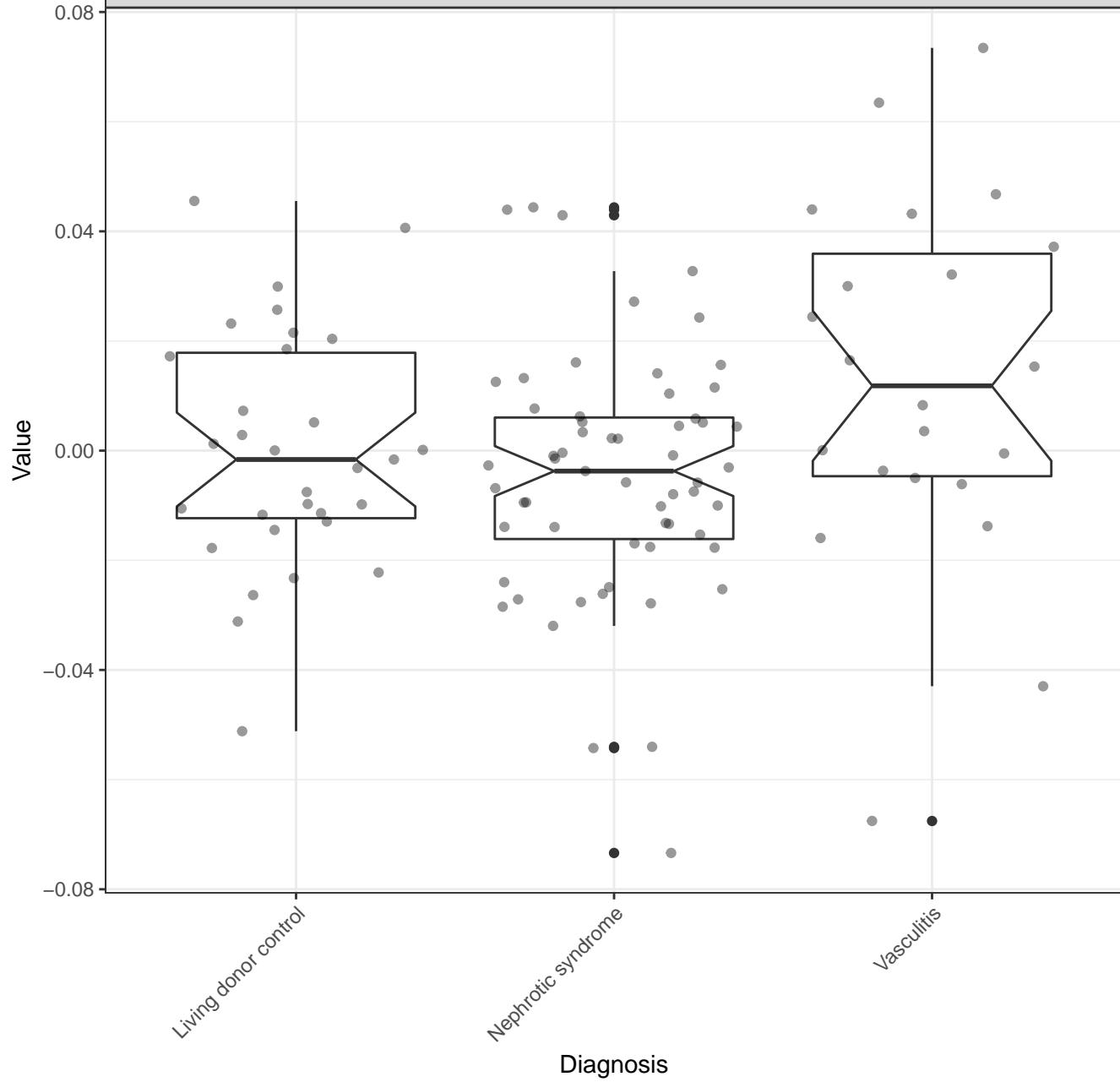




LV 856



LV 857



Value

0.04

0.00

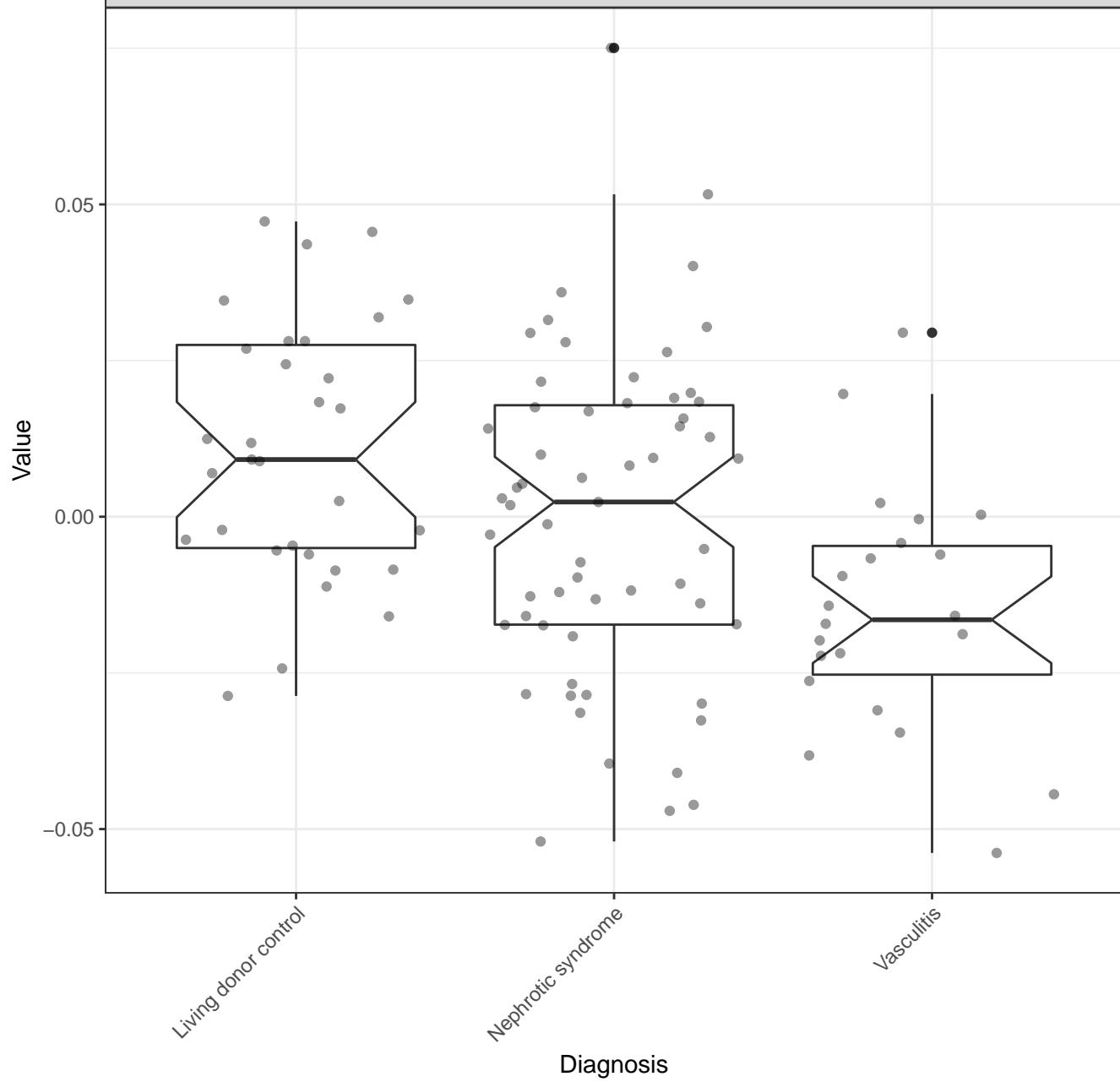
-0.04

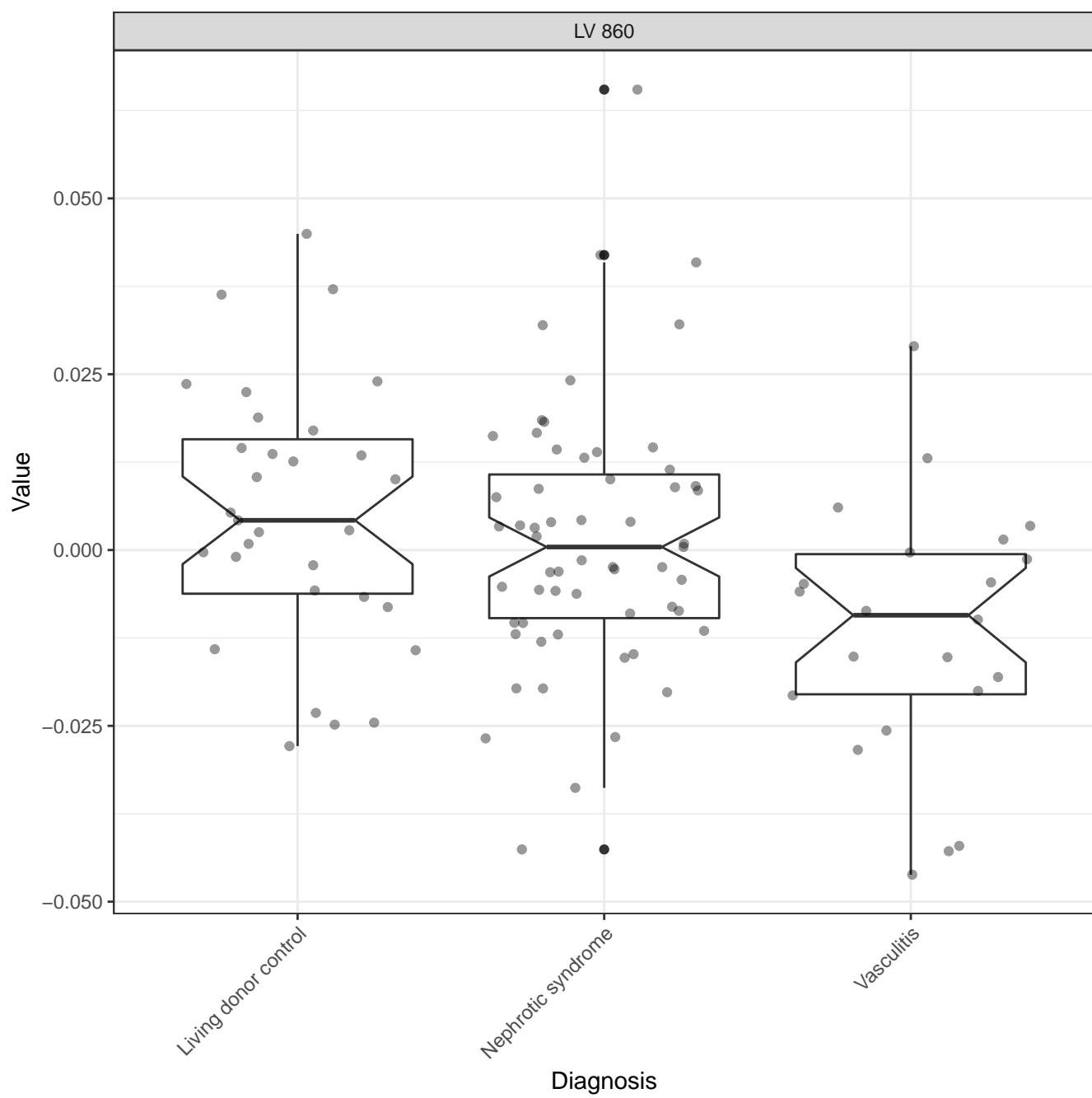
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 861

Value

0.1

0.0

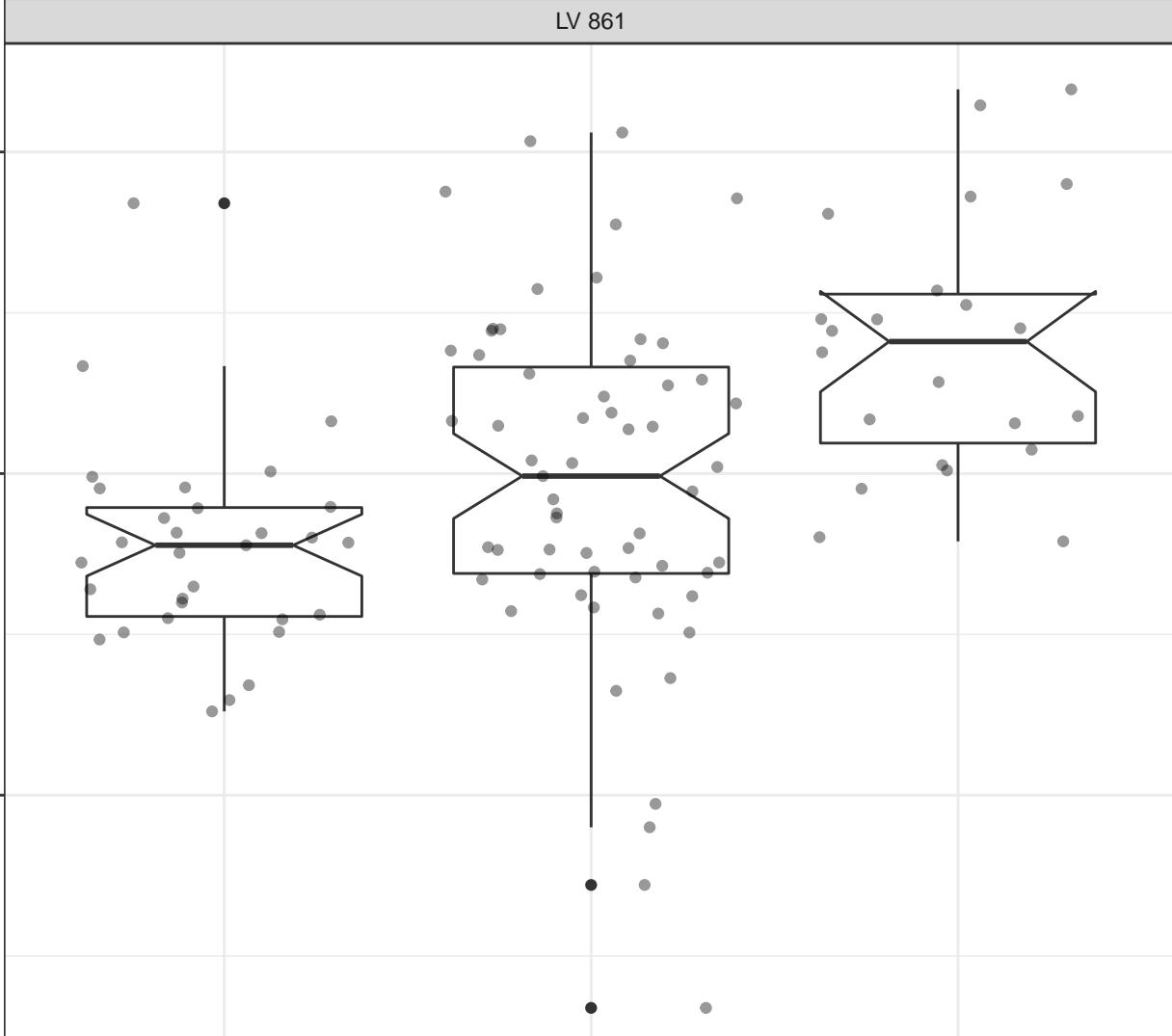
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

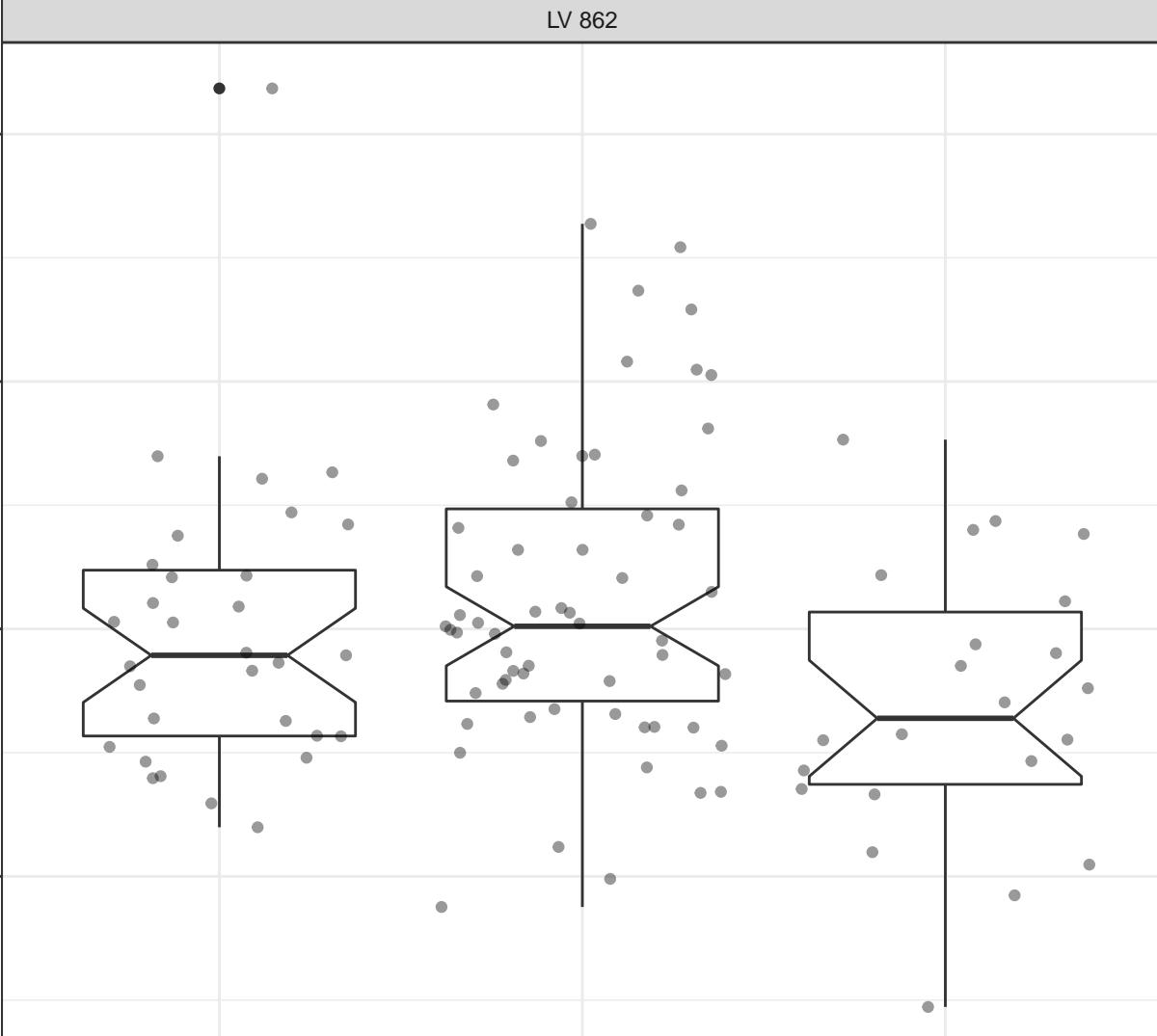
-0.05

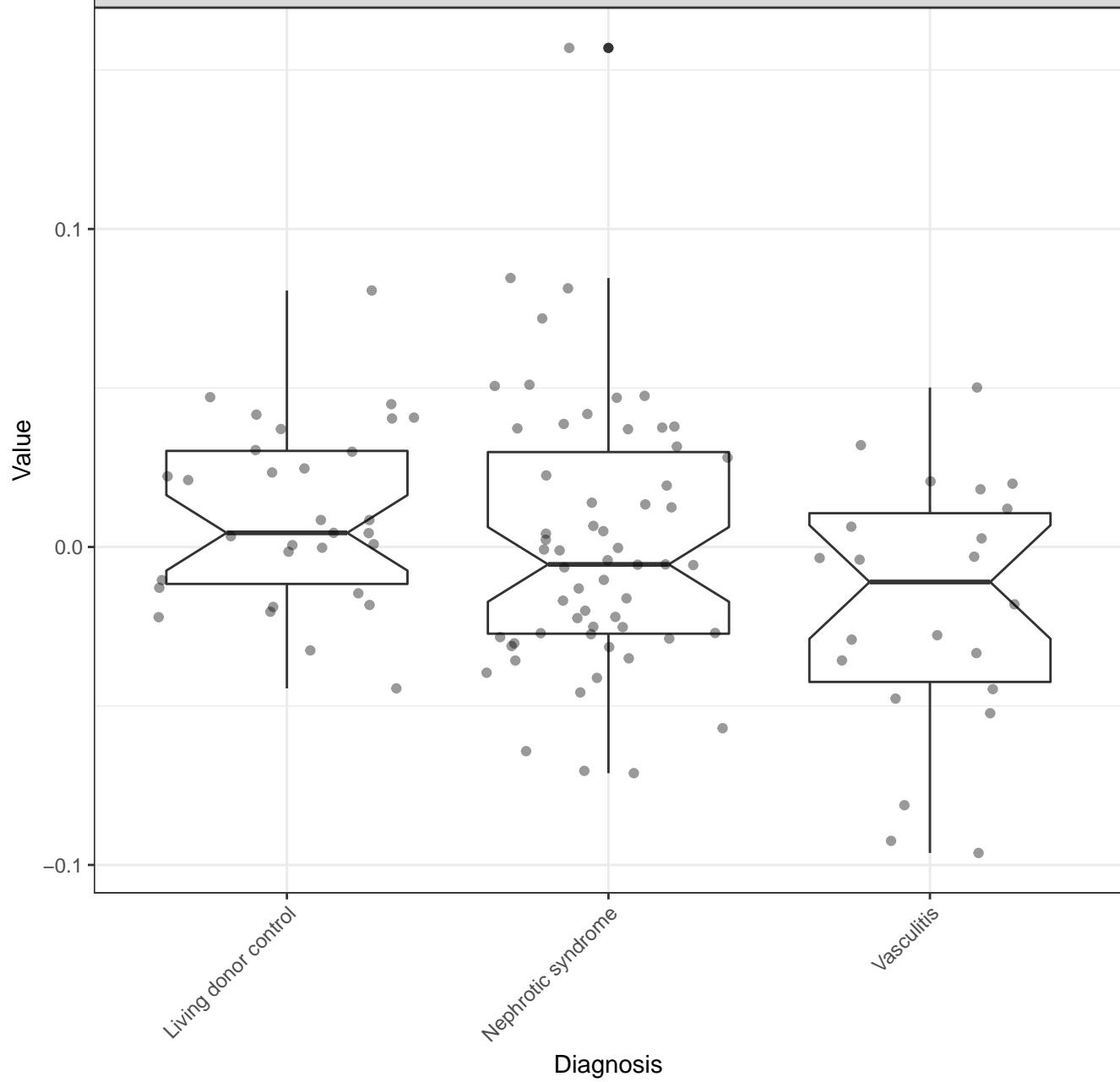
Living donor control

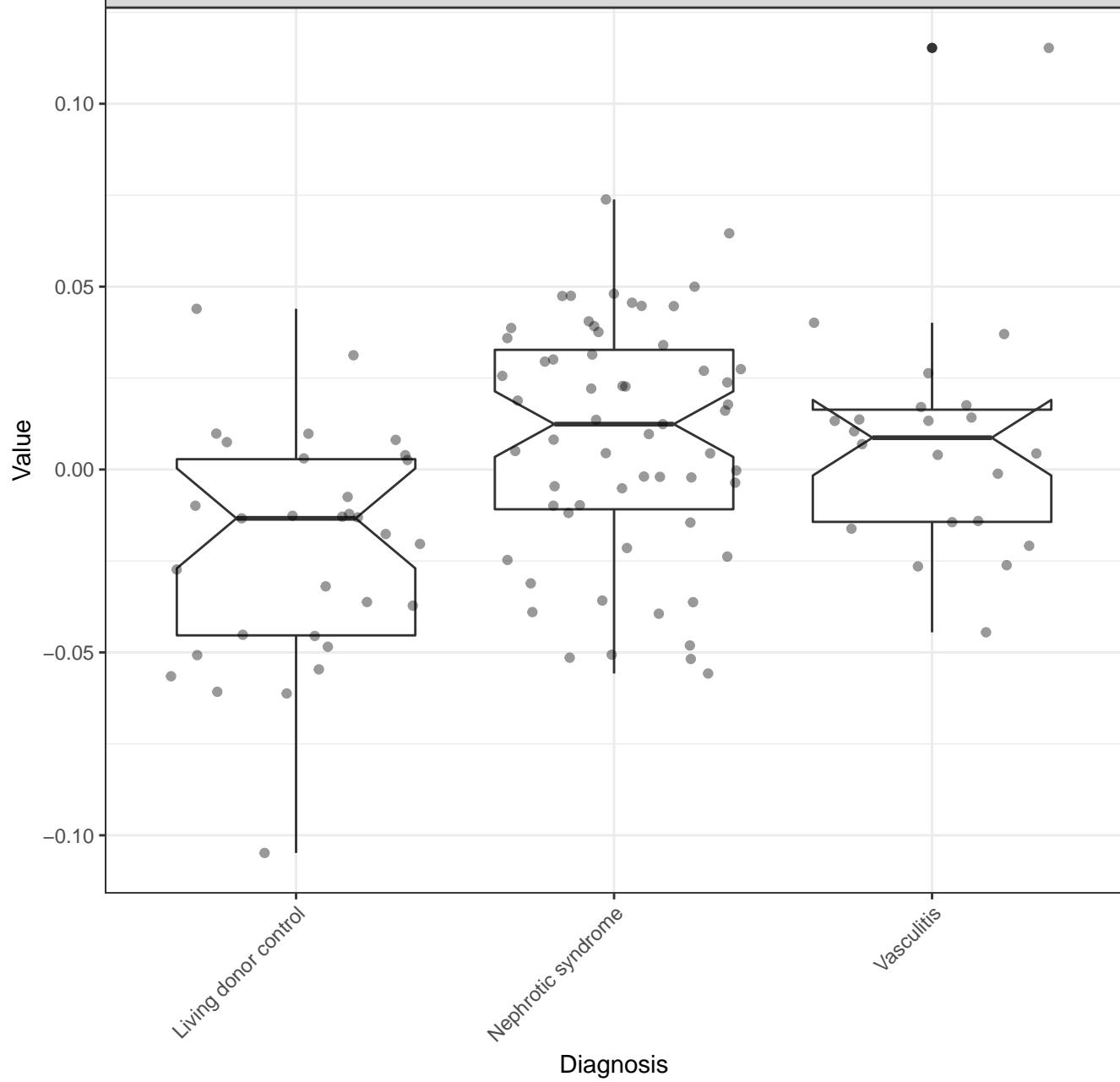
Nephrotic syndrome

Vasculitis

Diagnosis







## 865,PID\_FANCONI\_PATHWAY

Value

0.1

0.0

-0.1

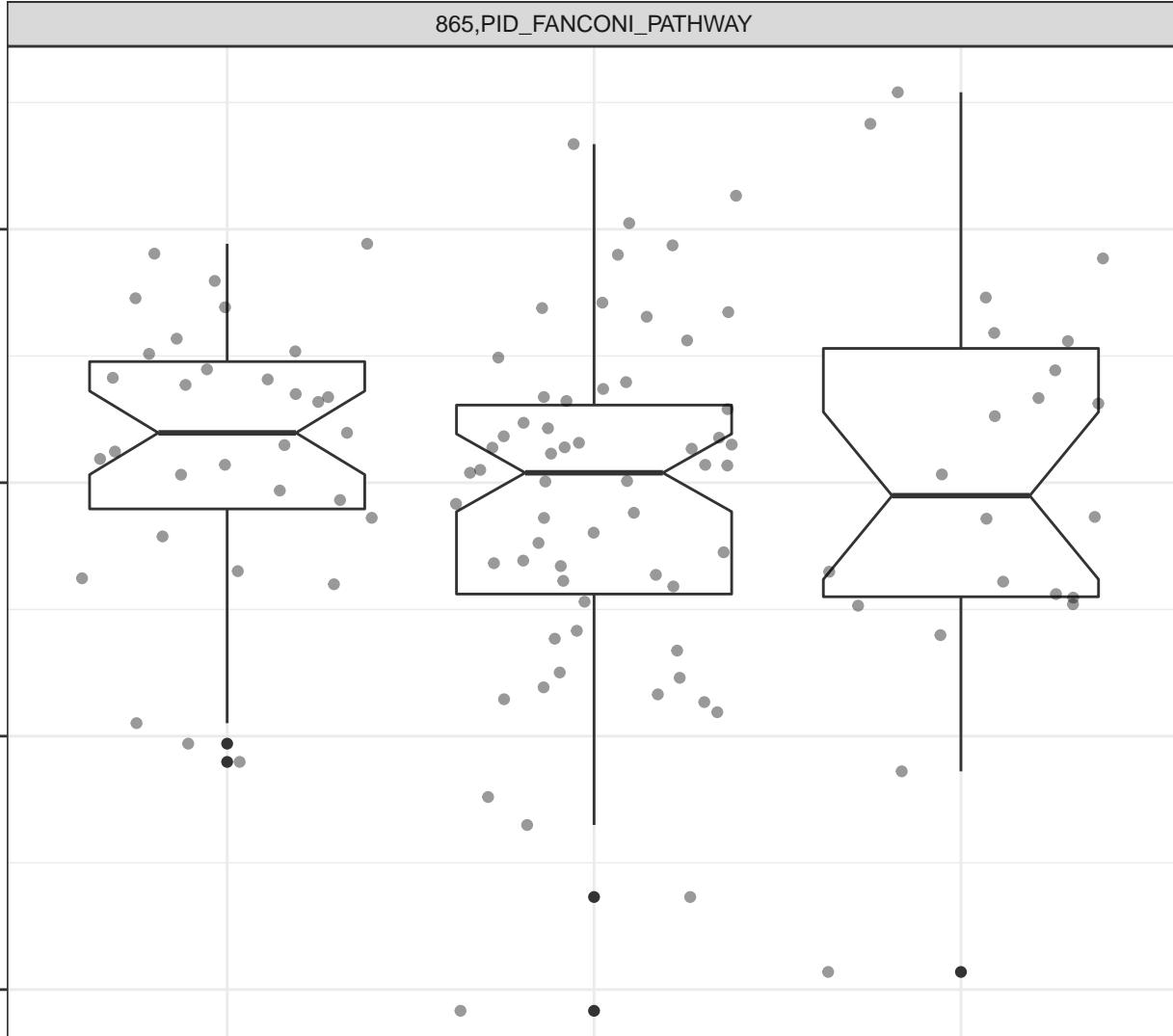
-0.2

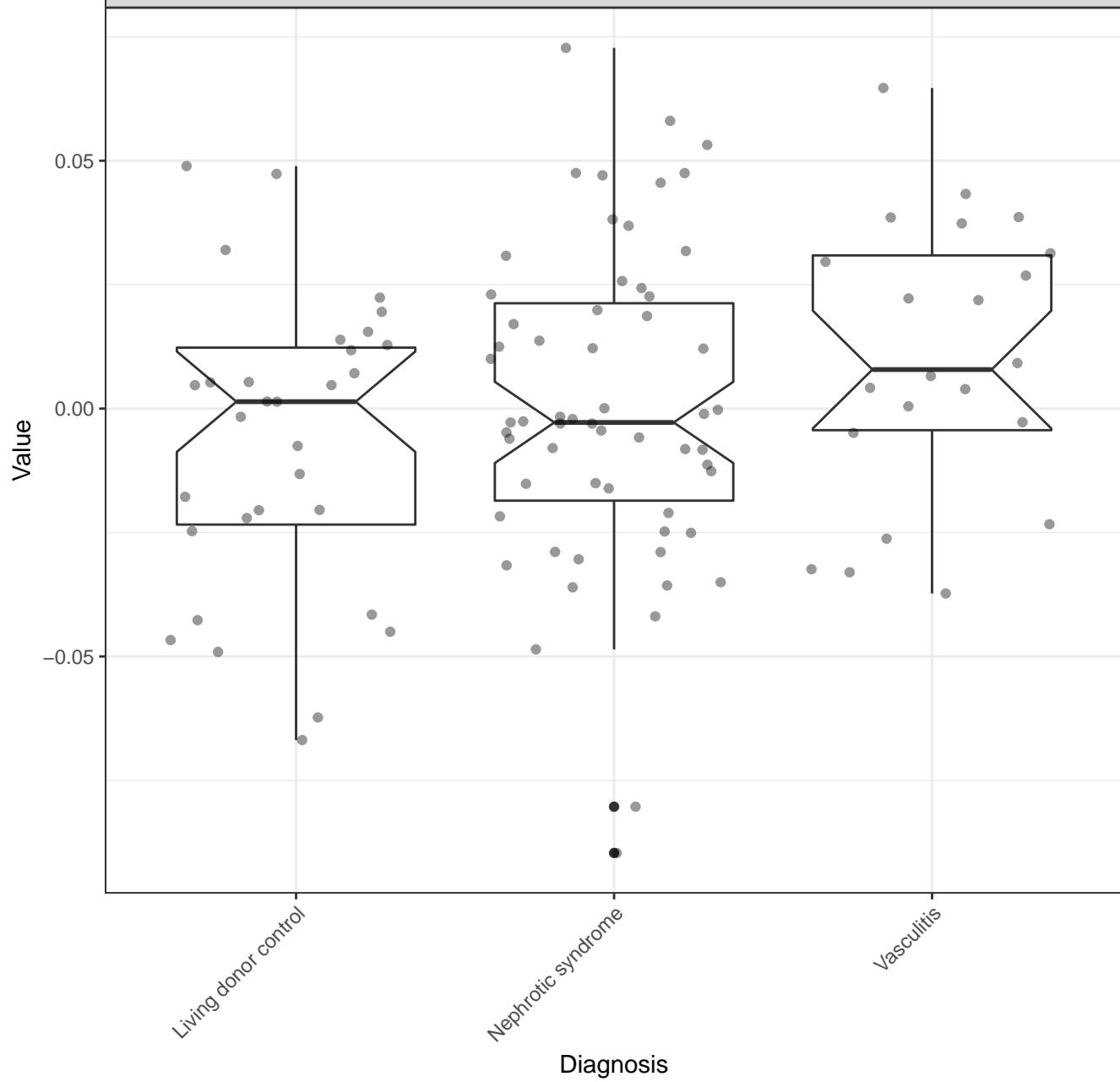
Living donor control

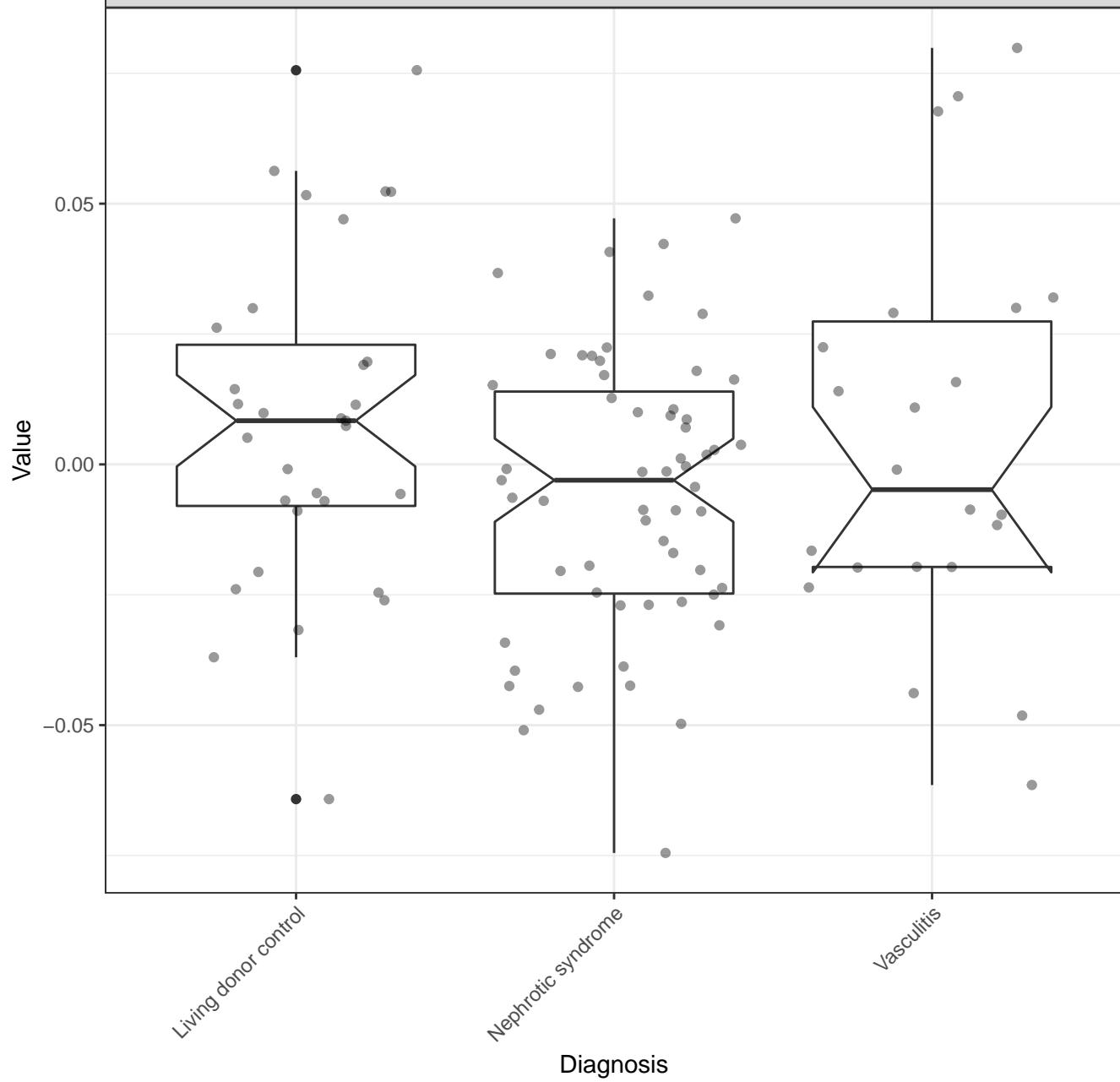
Nephrotic syndrome

Vasculitis

Diagnosis







Value

0.04

0.02

0.00

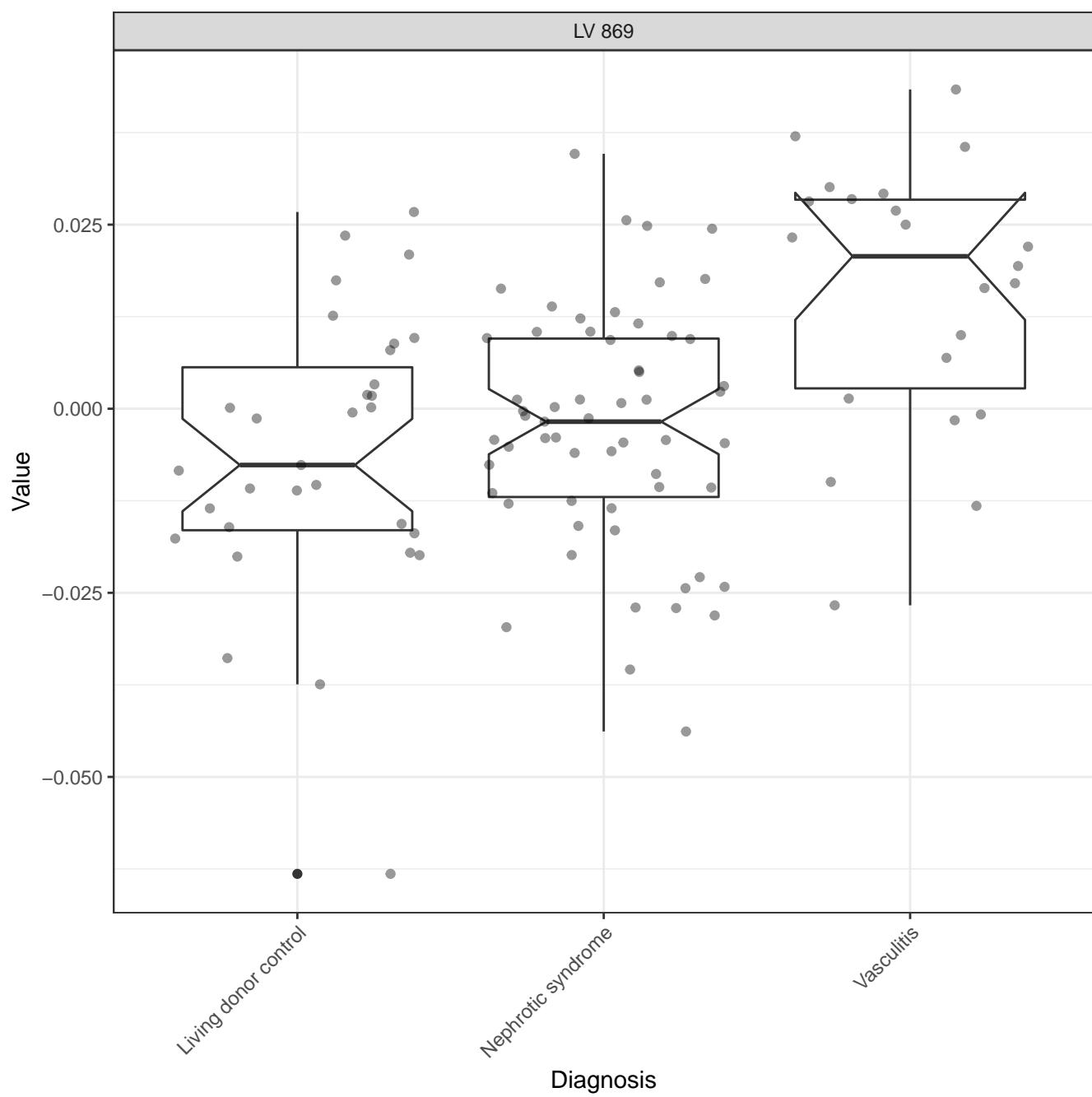
-0.02

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 870

Value

0.10

0.05

0.00

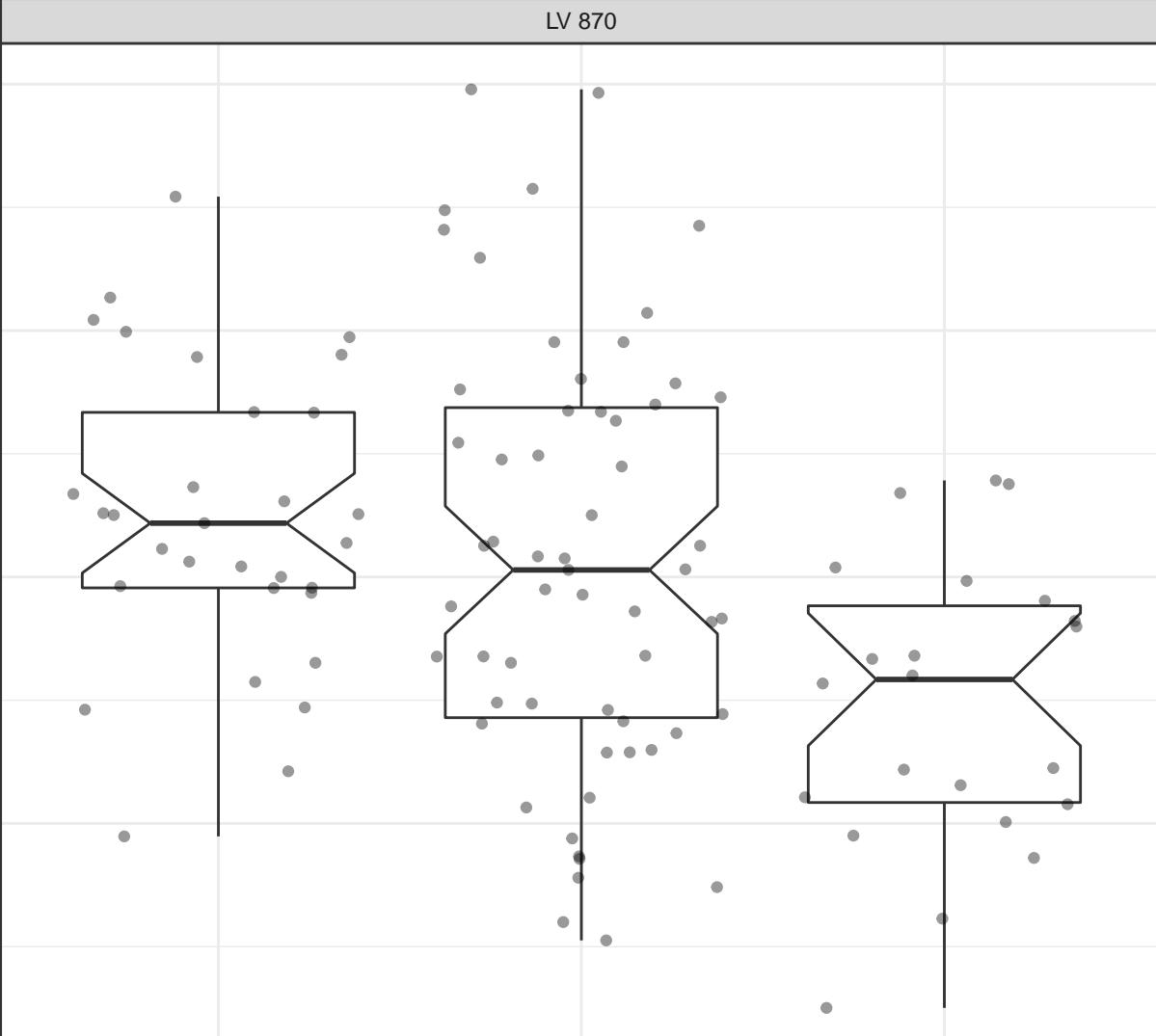
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

-0.05

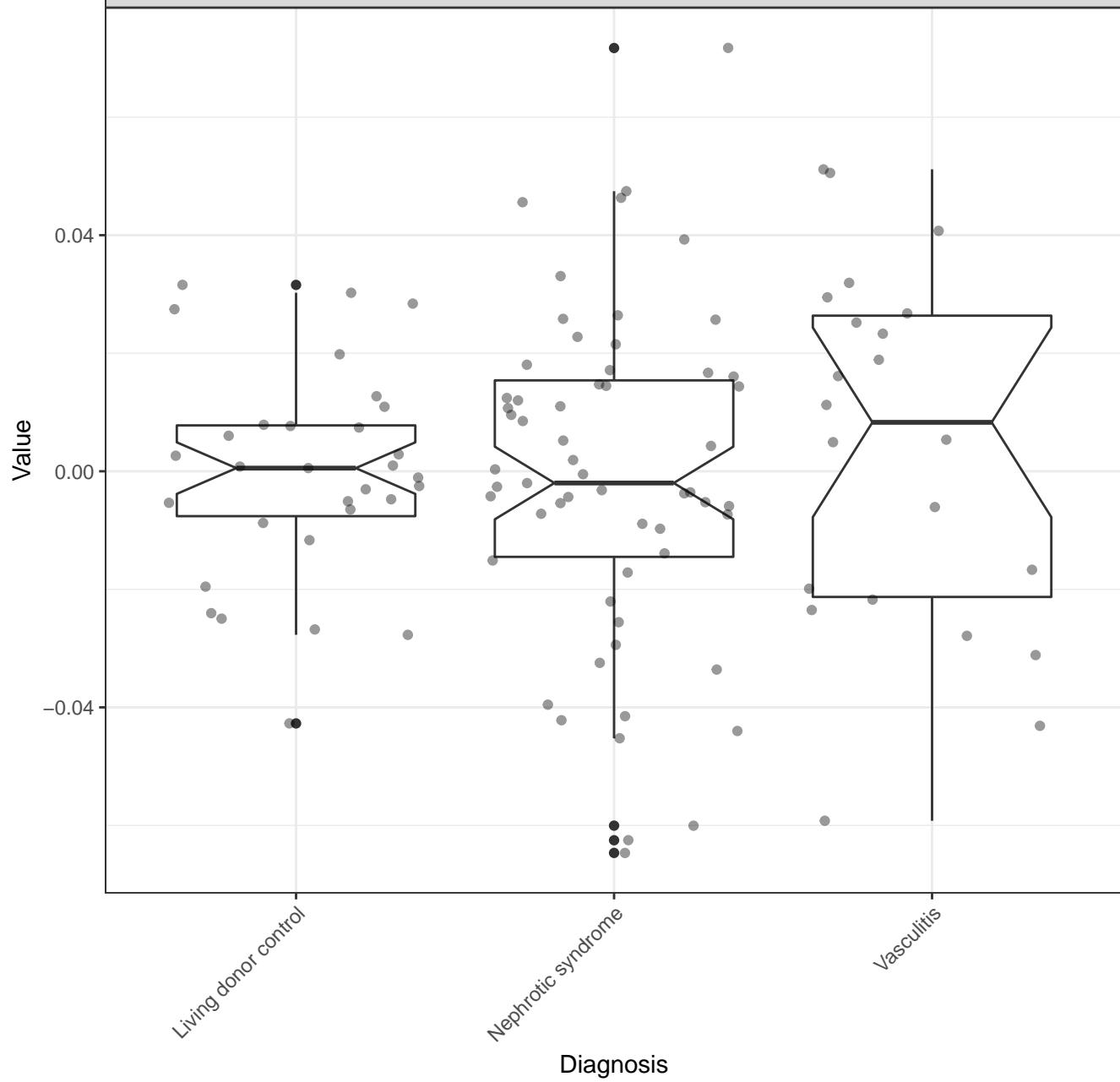
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

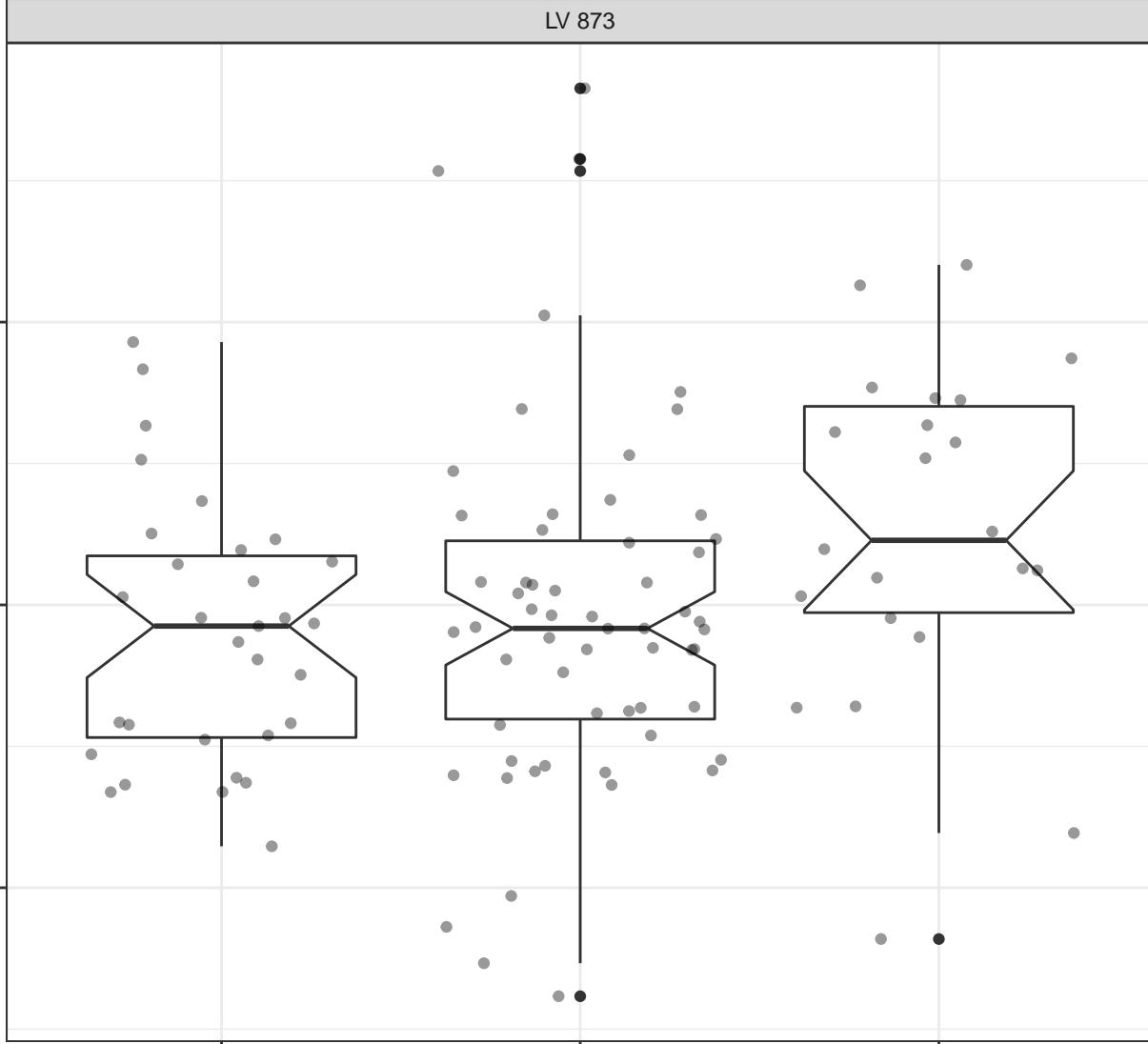
-0.04

Living donor control

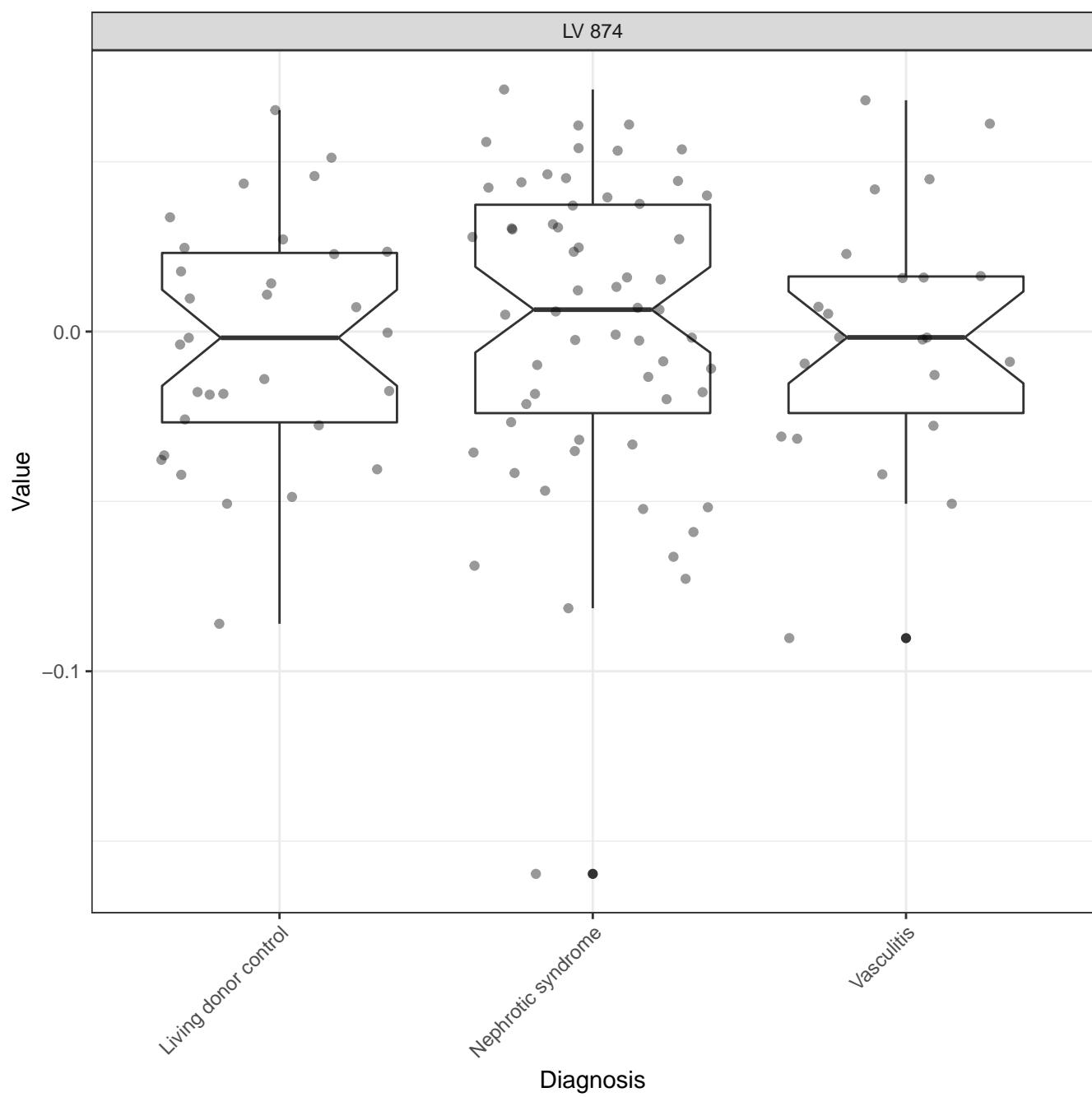
Nephrotic syndrome

Vasculitis

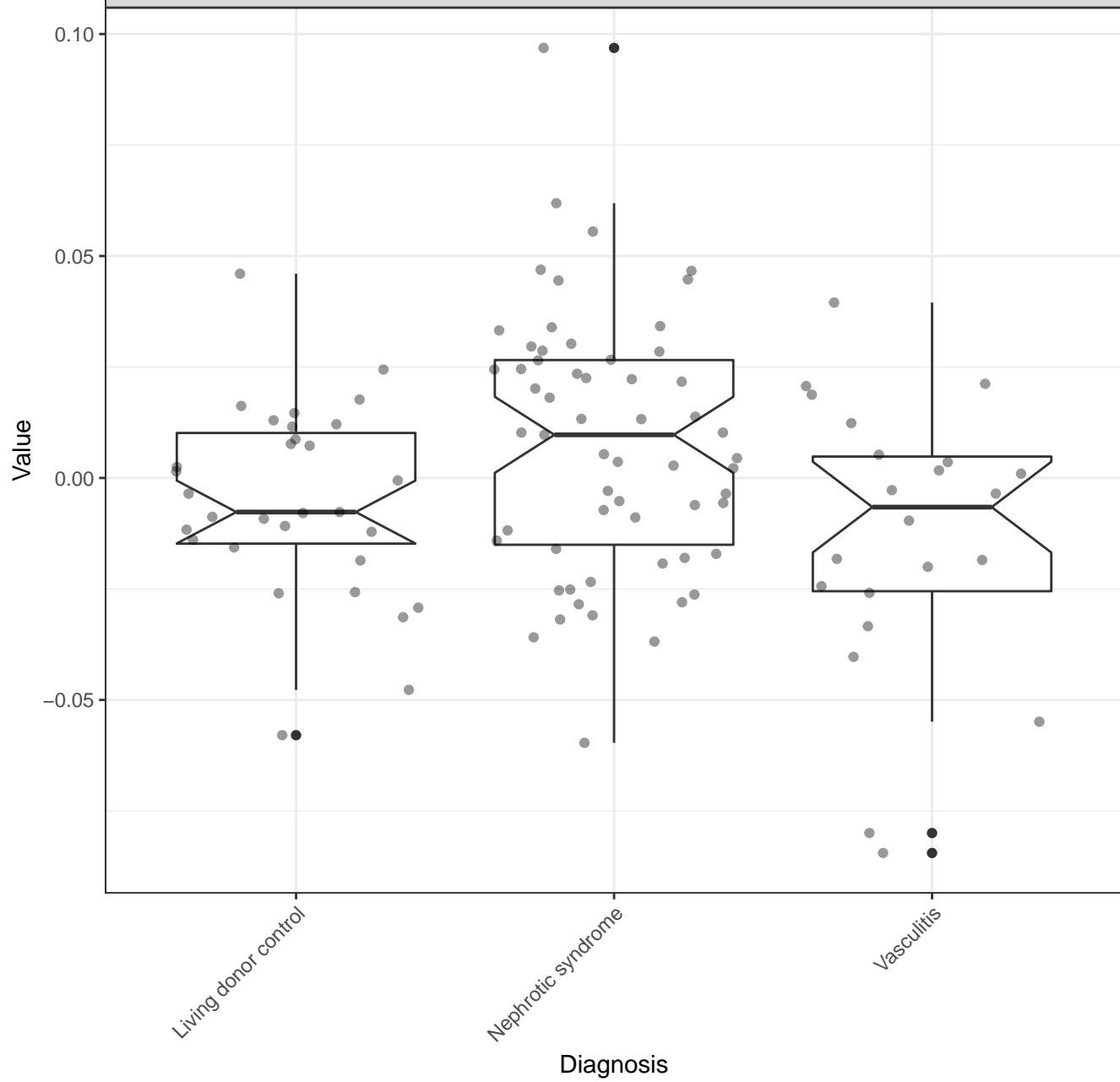
Diagnosis

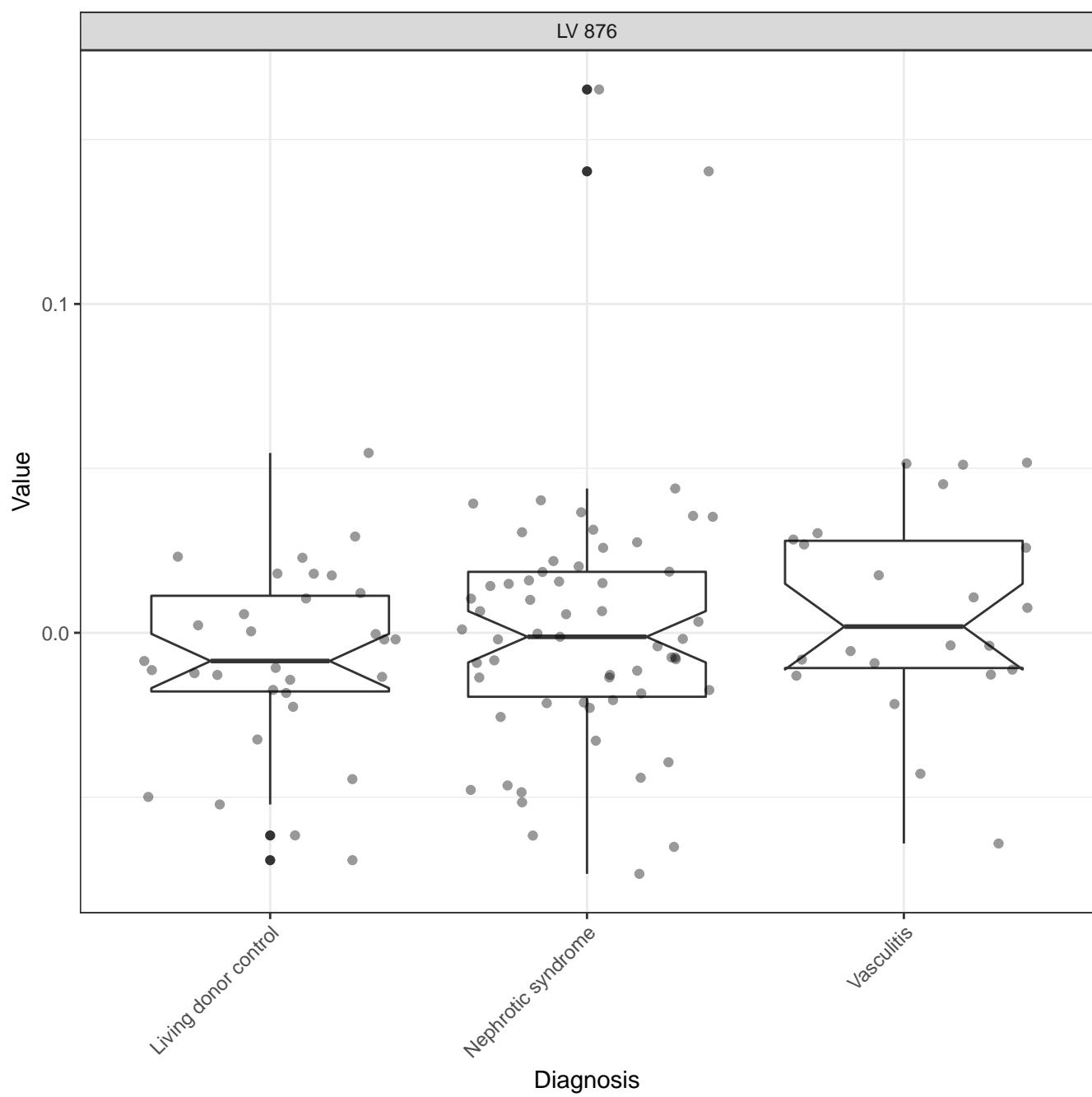


LV 874



LV 875





LV 877

Value

0.05

0.00

-0.05

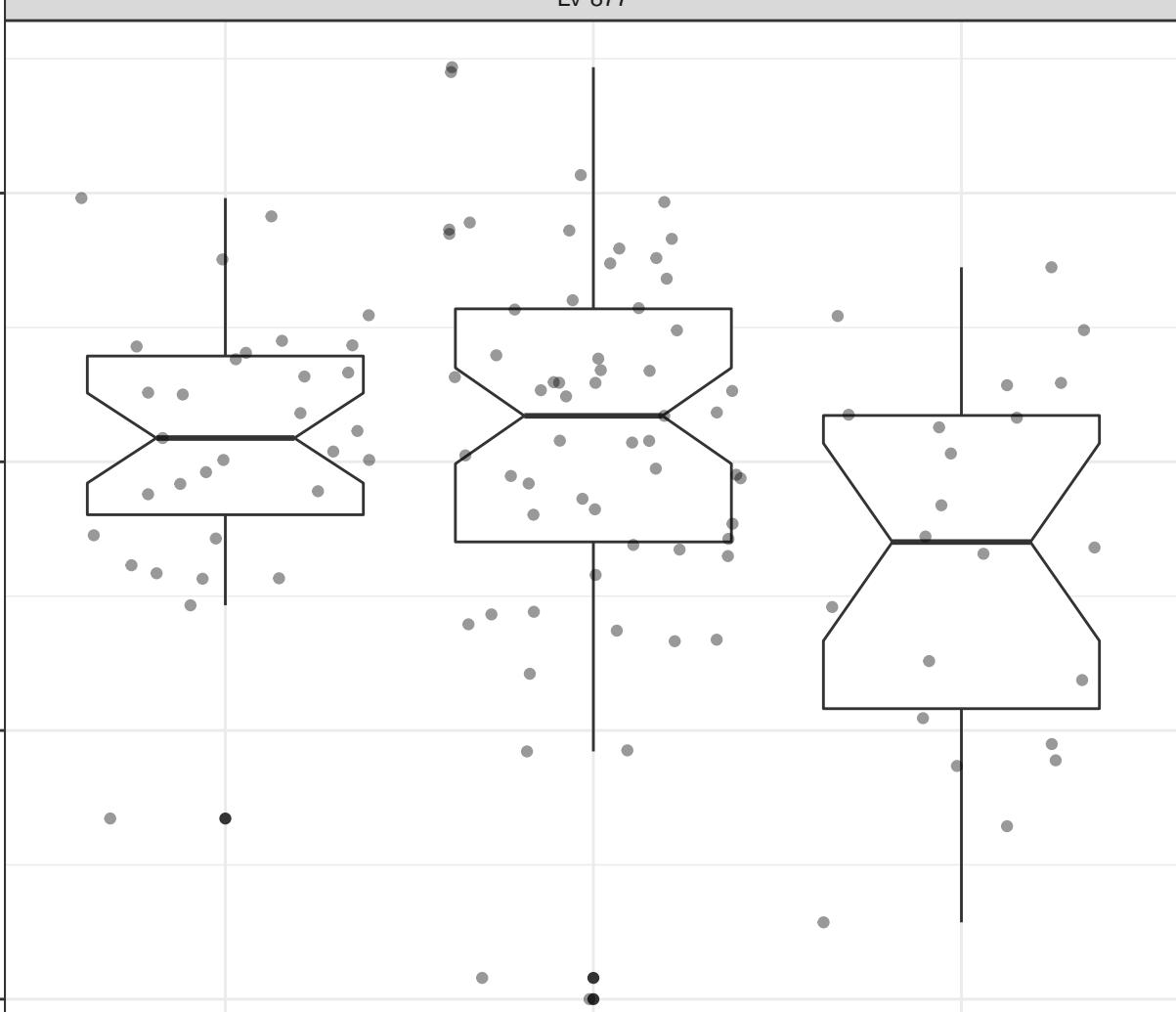
-0.10

Living donor control

Nephrotic syndrome

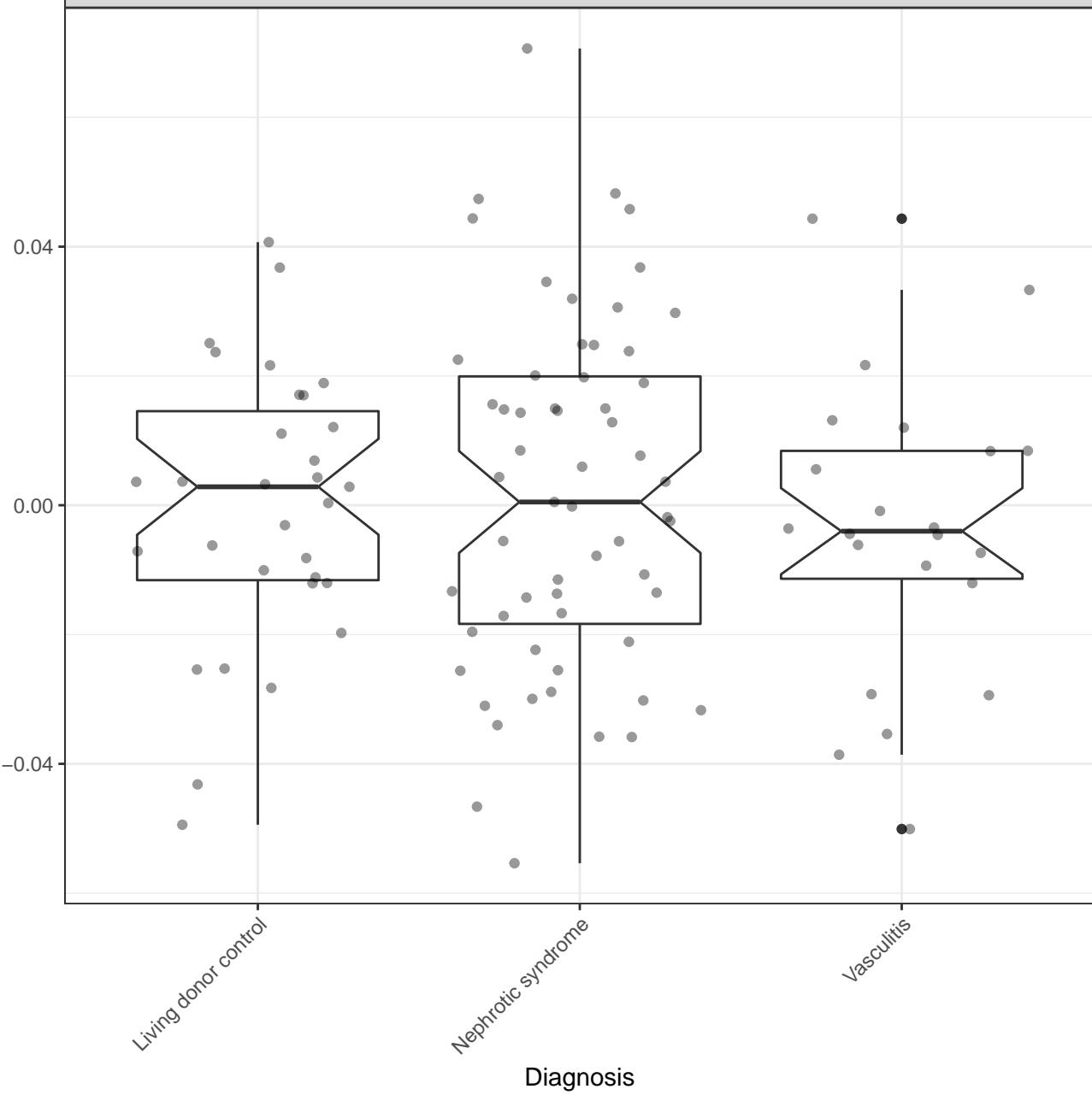
Vasculitis

Diagnosis

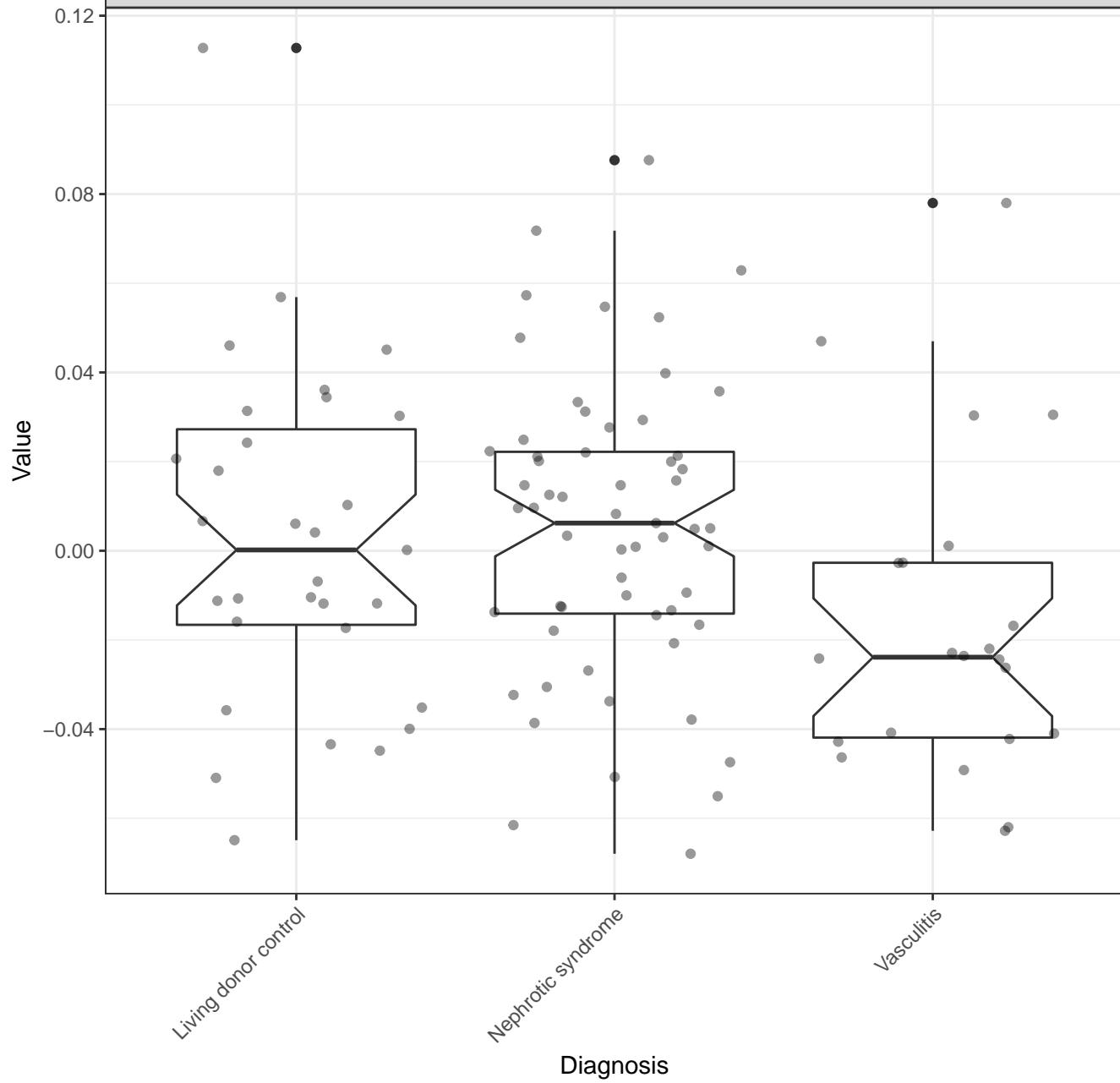


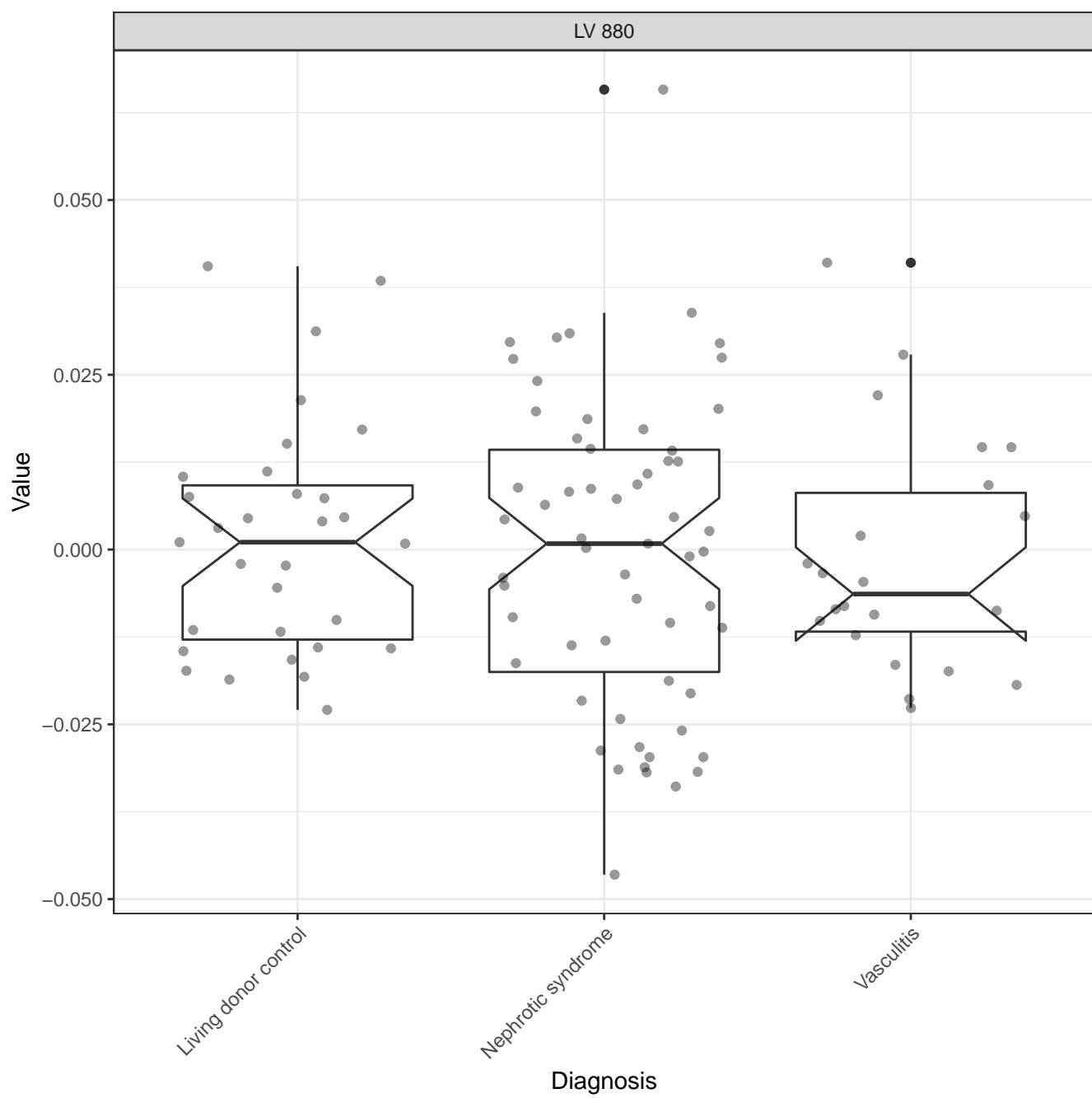
LV 878

Value



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





## 881,REACTOME\_DNA\_STRAND\_ELONGATION

Value

0.4

0.2

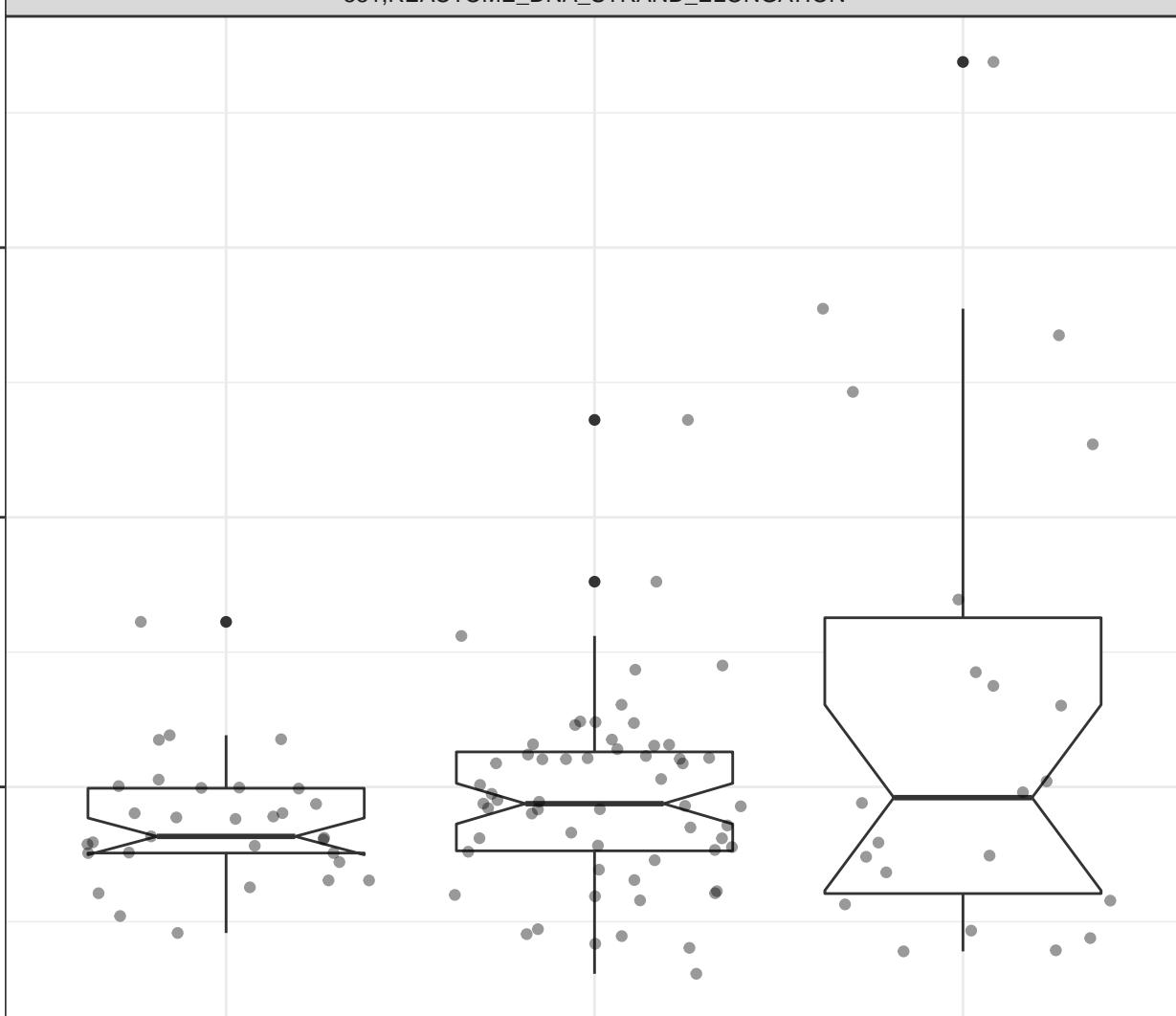
0.0

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 882

Value

0.05

0.00

-0.05

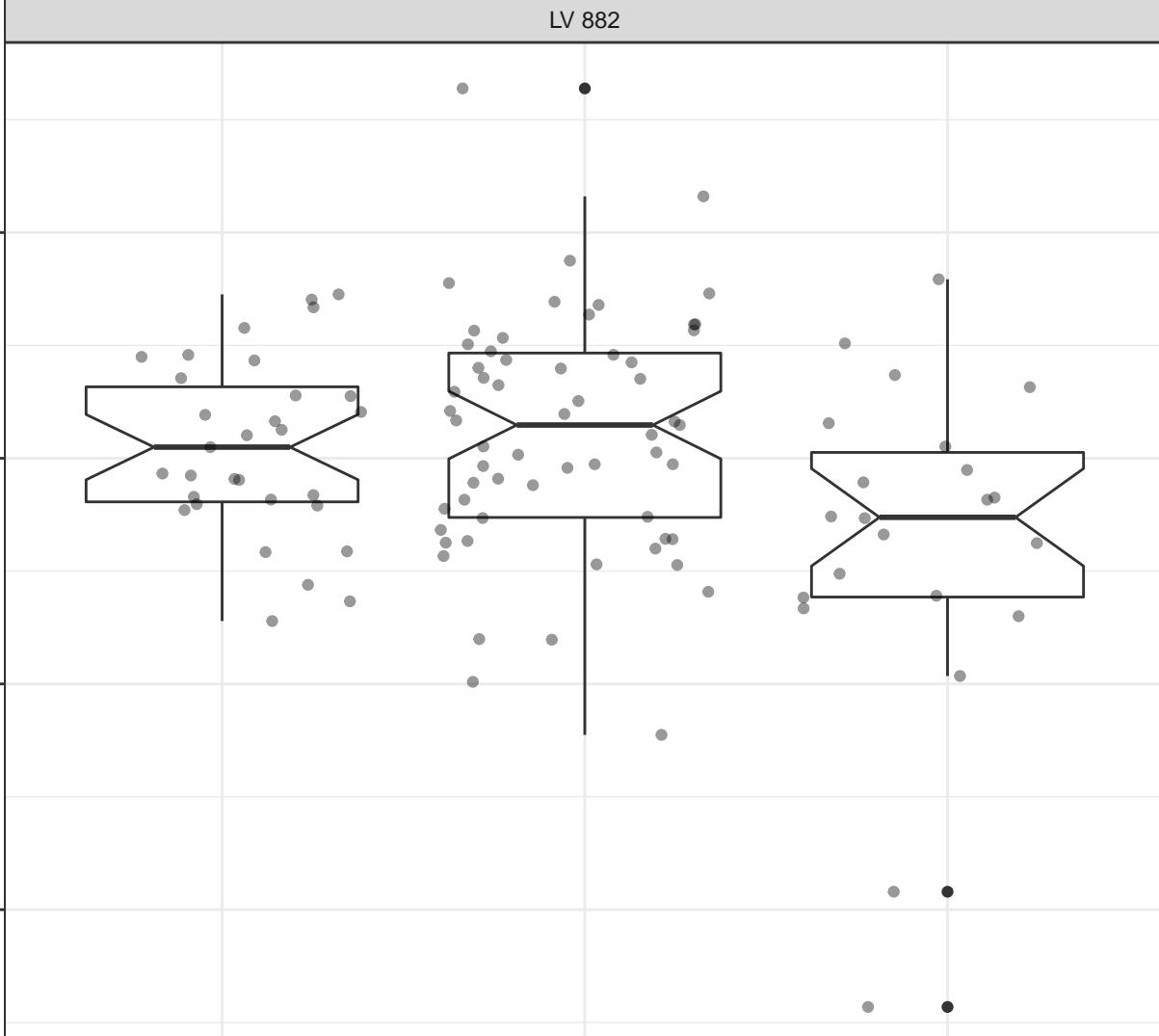
-0.10

Living donor control

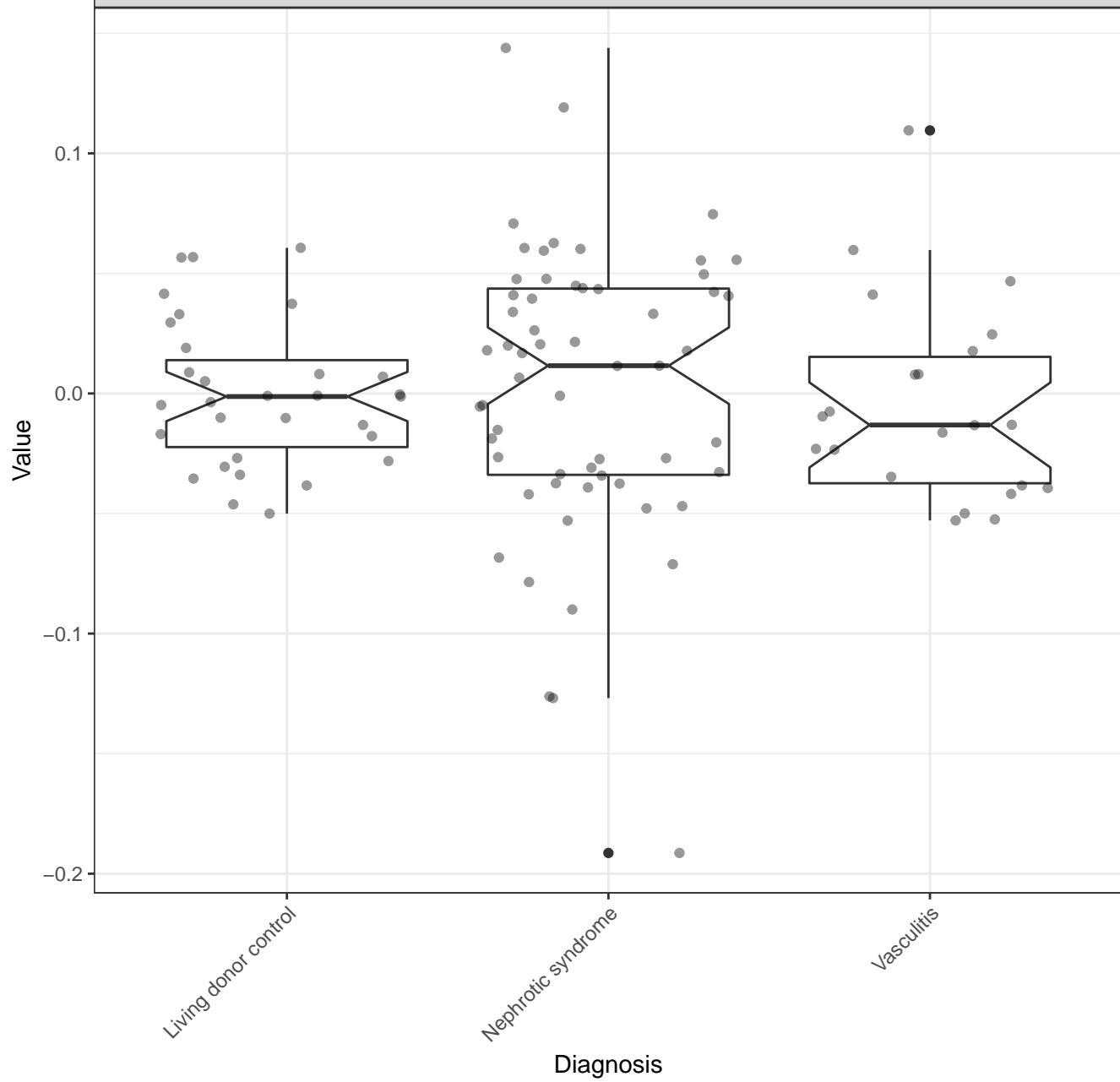
Nephrotic syndrome

Vasculitis

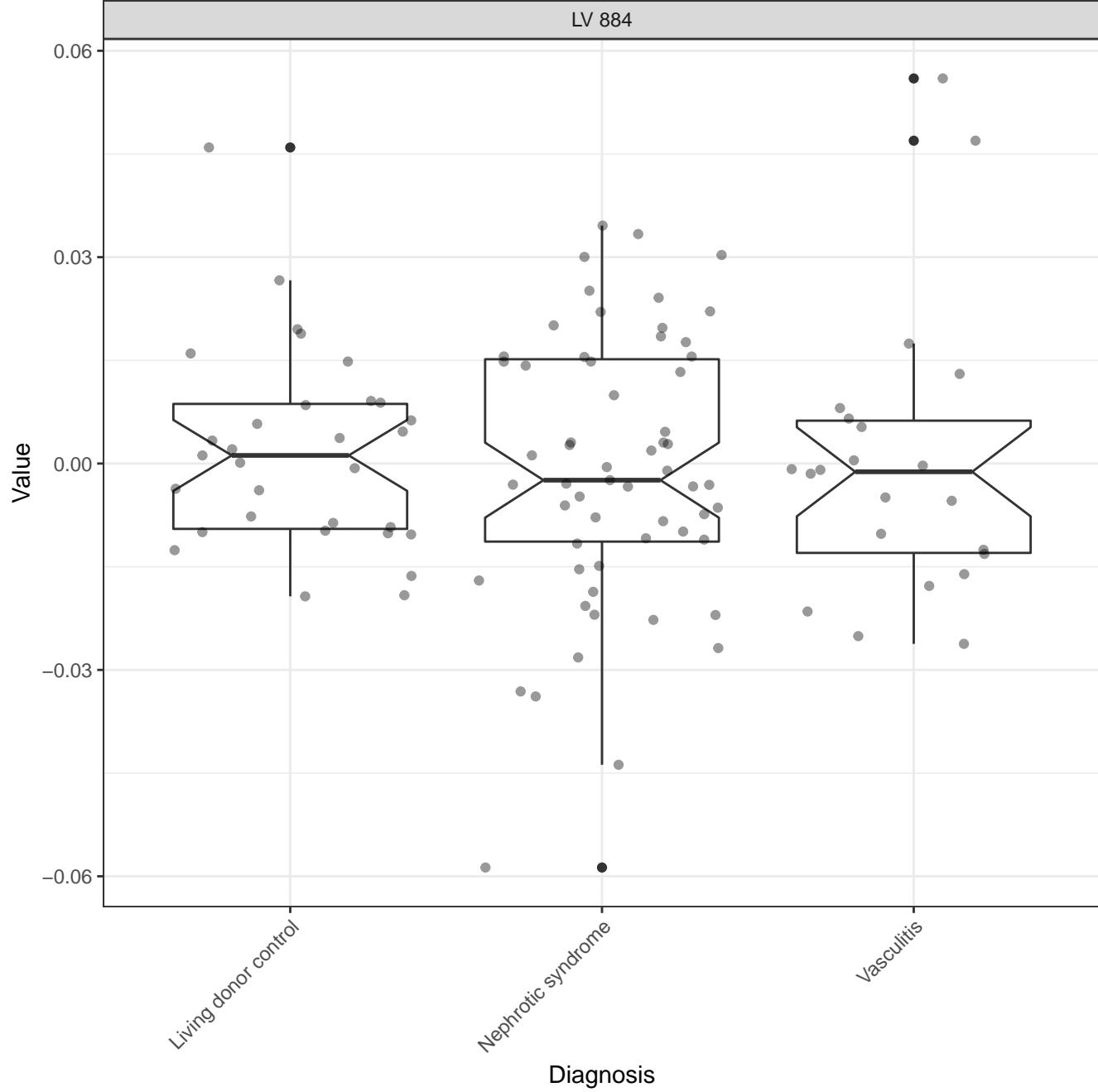
Diagnosis



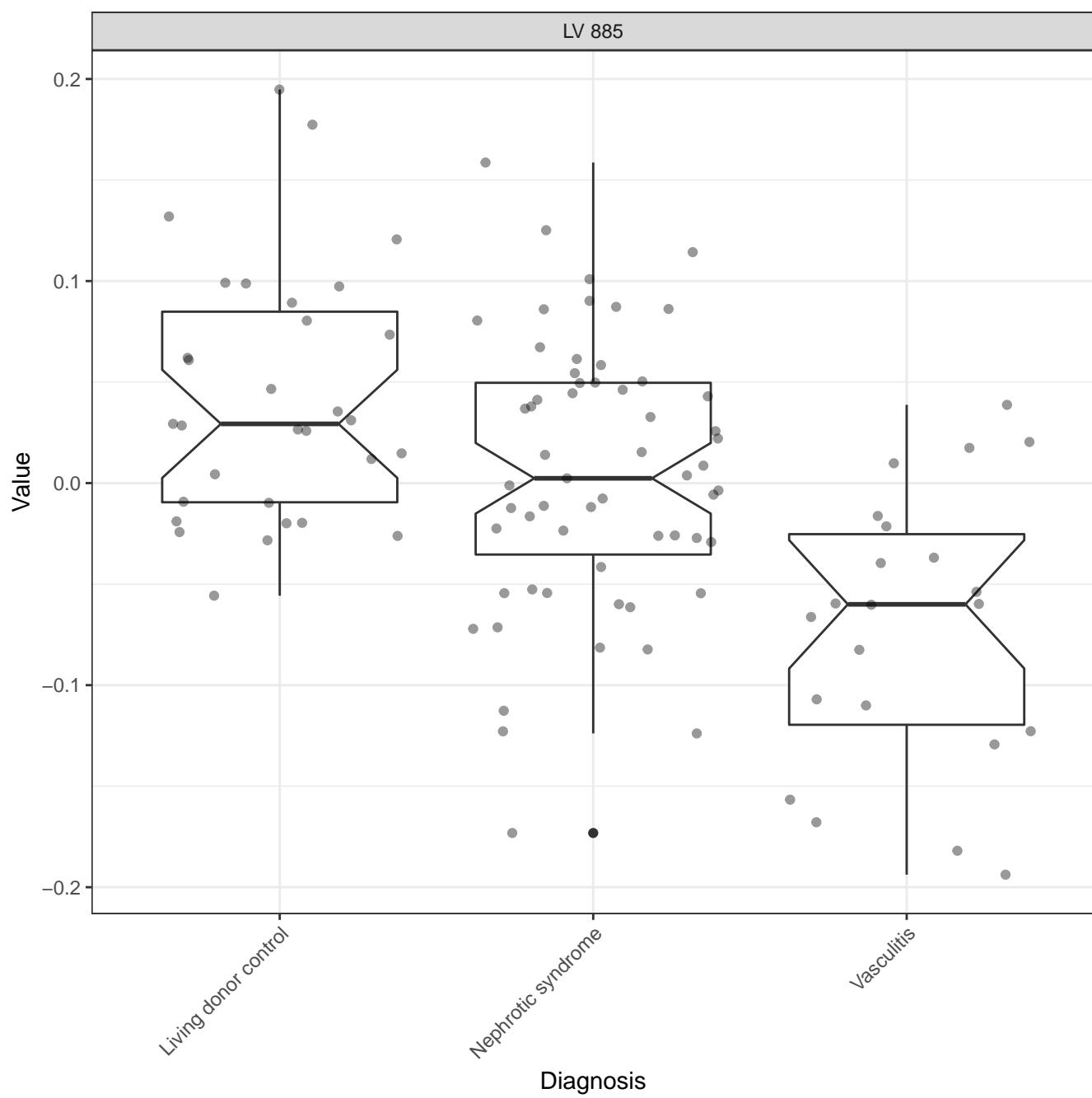
LV 883



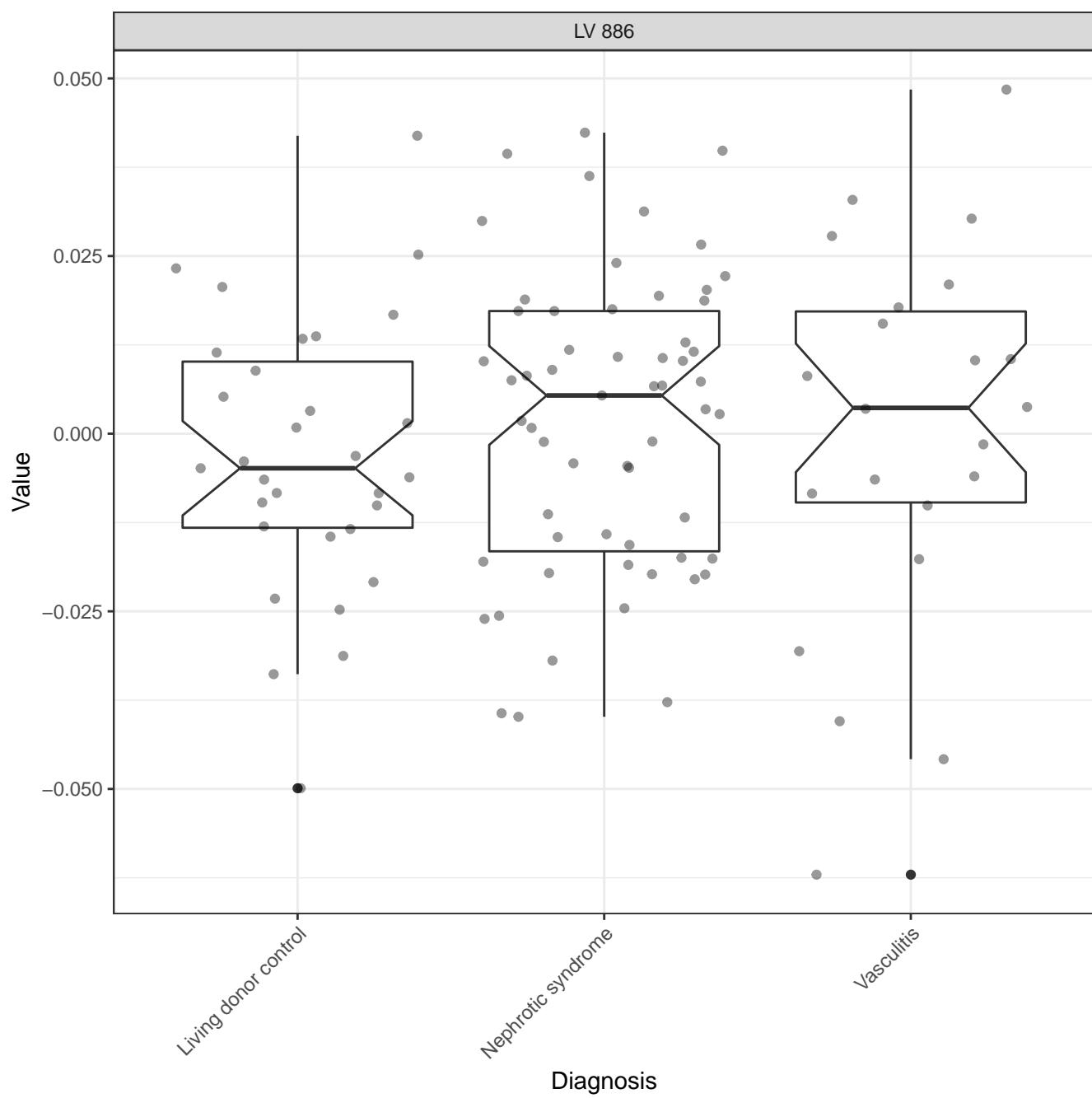
LV 884



LV 885



LV 886



LV 887

Value

0.05

0.00

-0.05

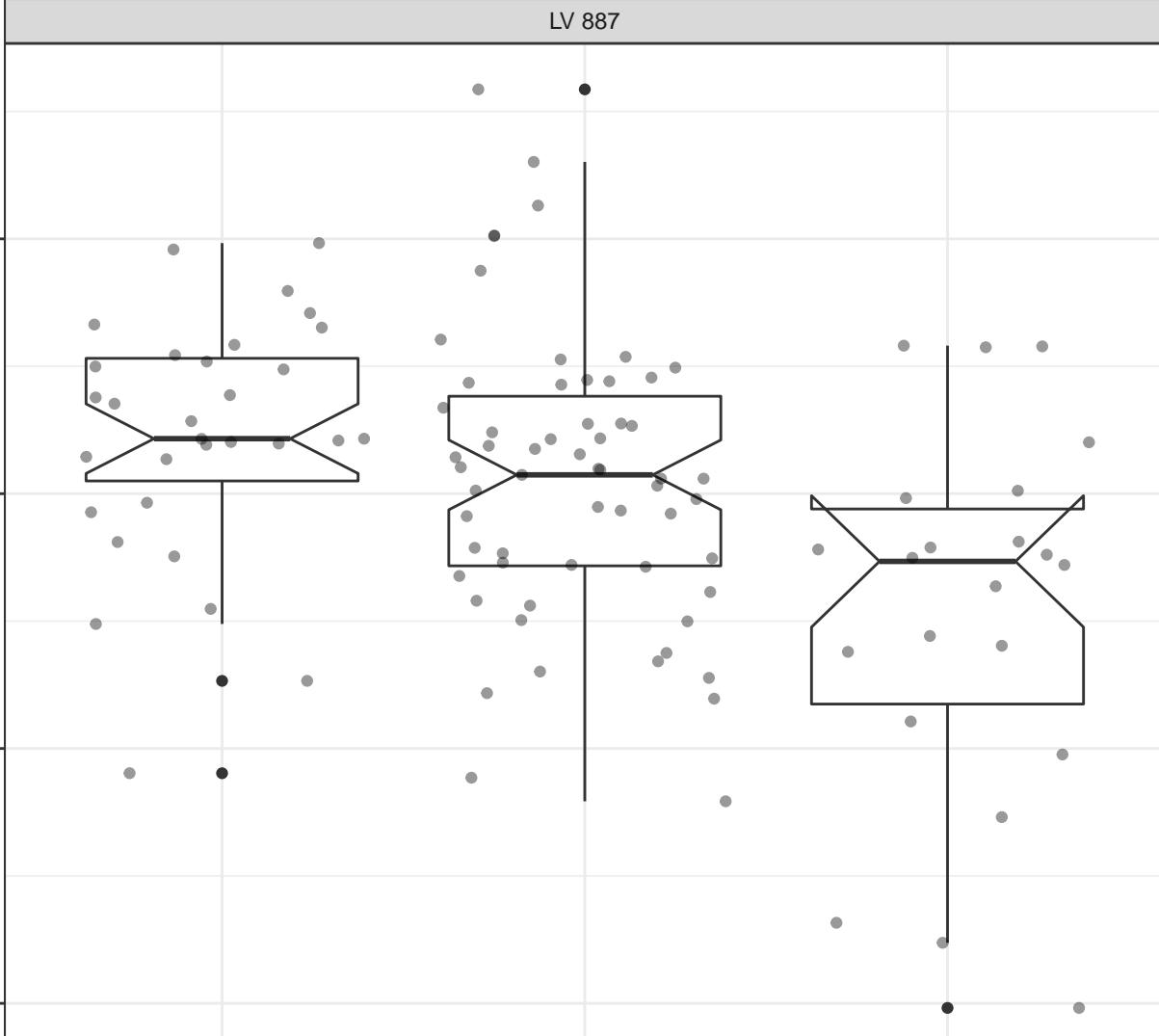
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



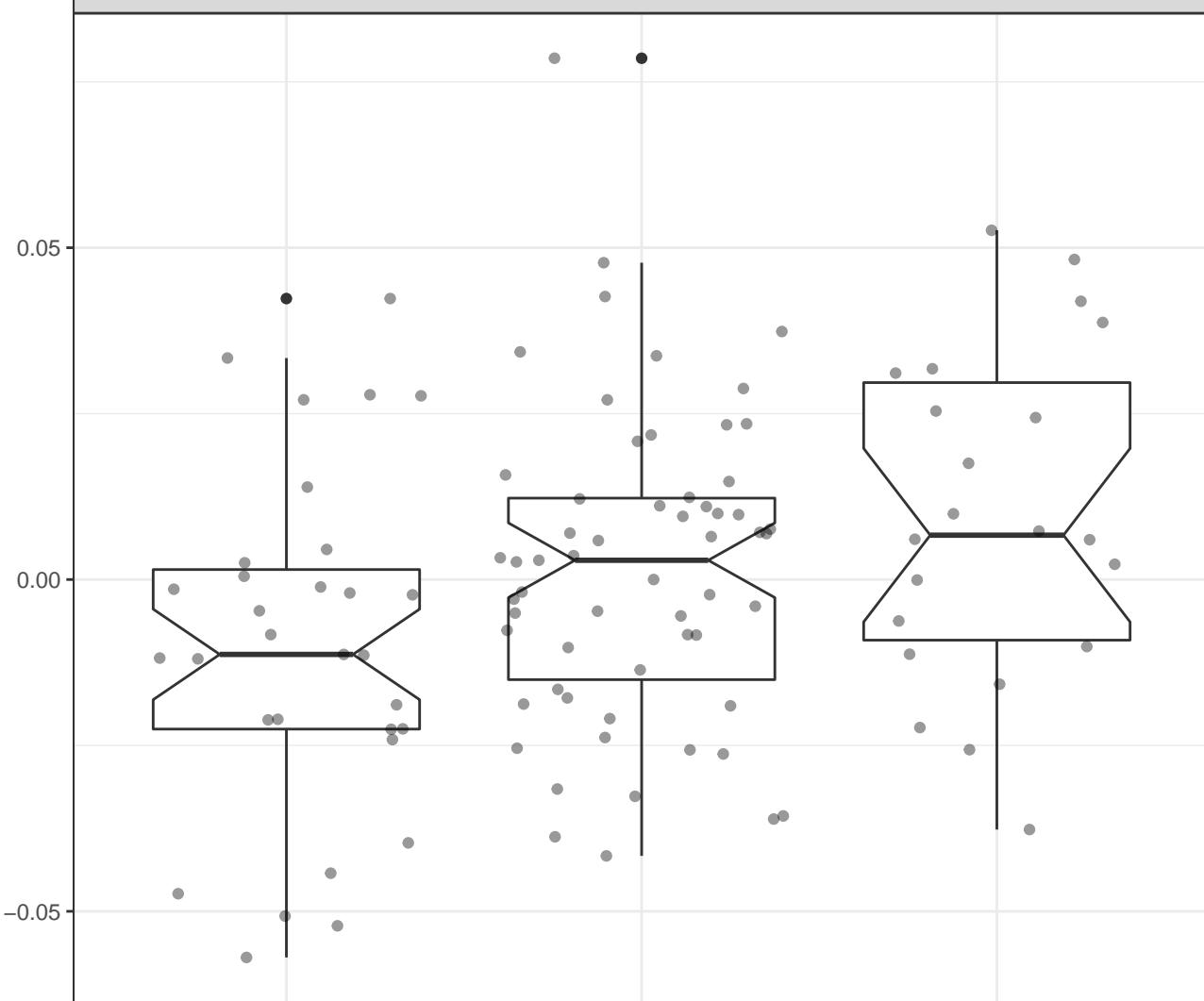
Value

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

LV 890

Value

0.05

0.00

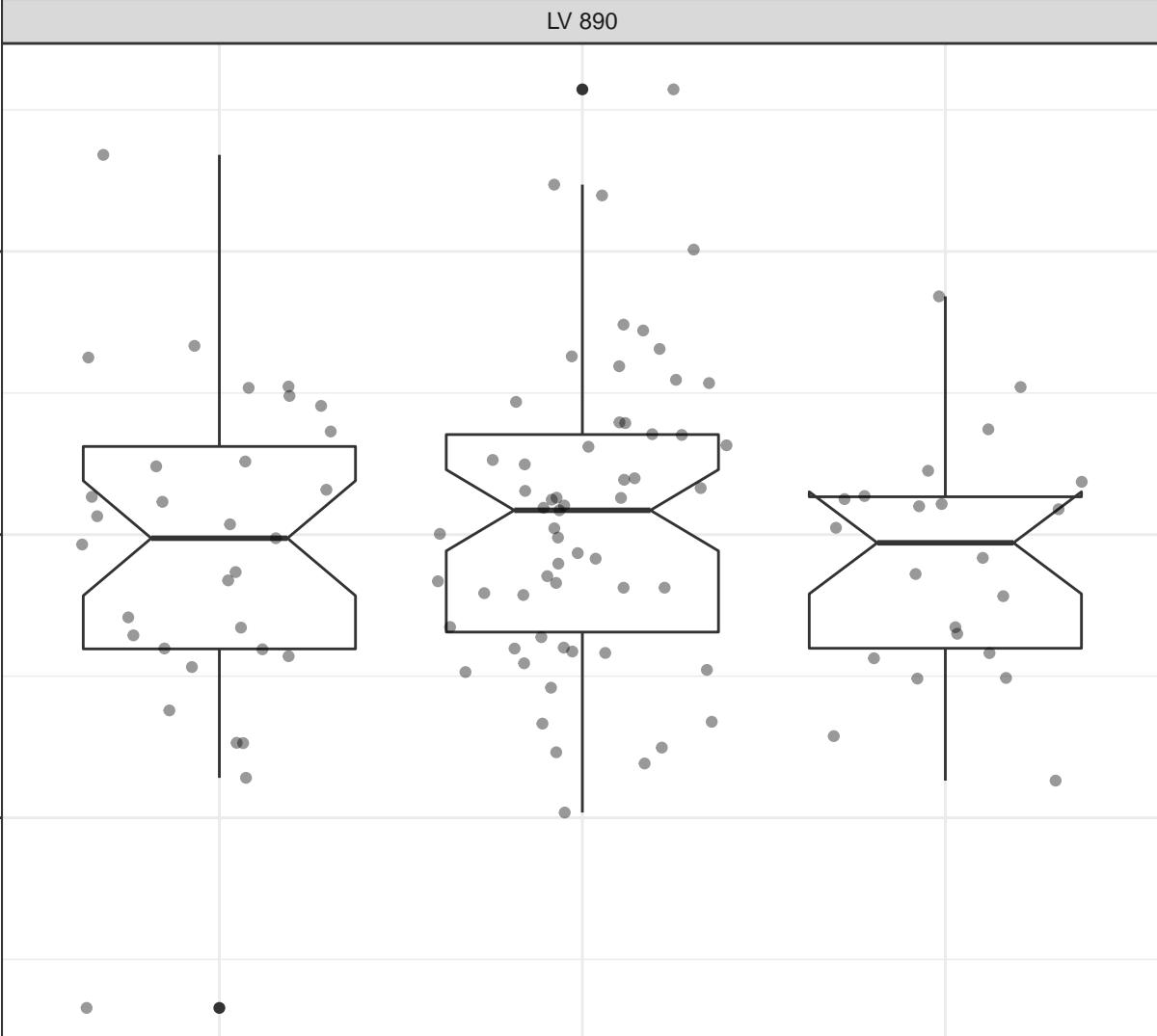
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 891

Value

0.0

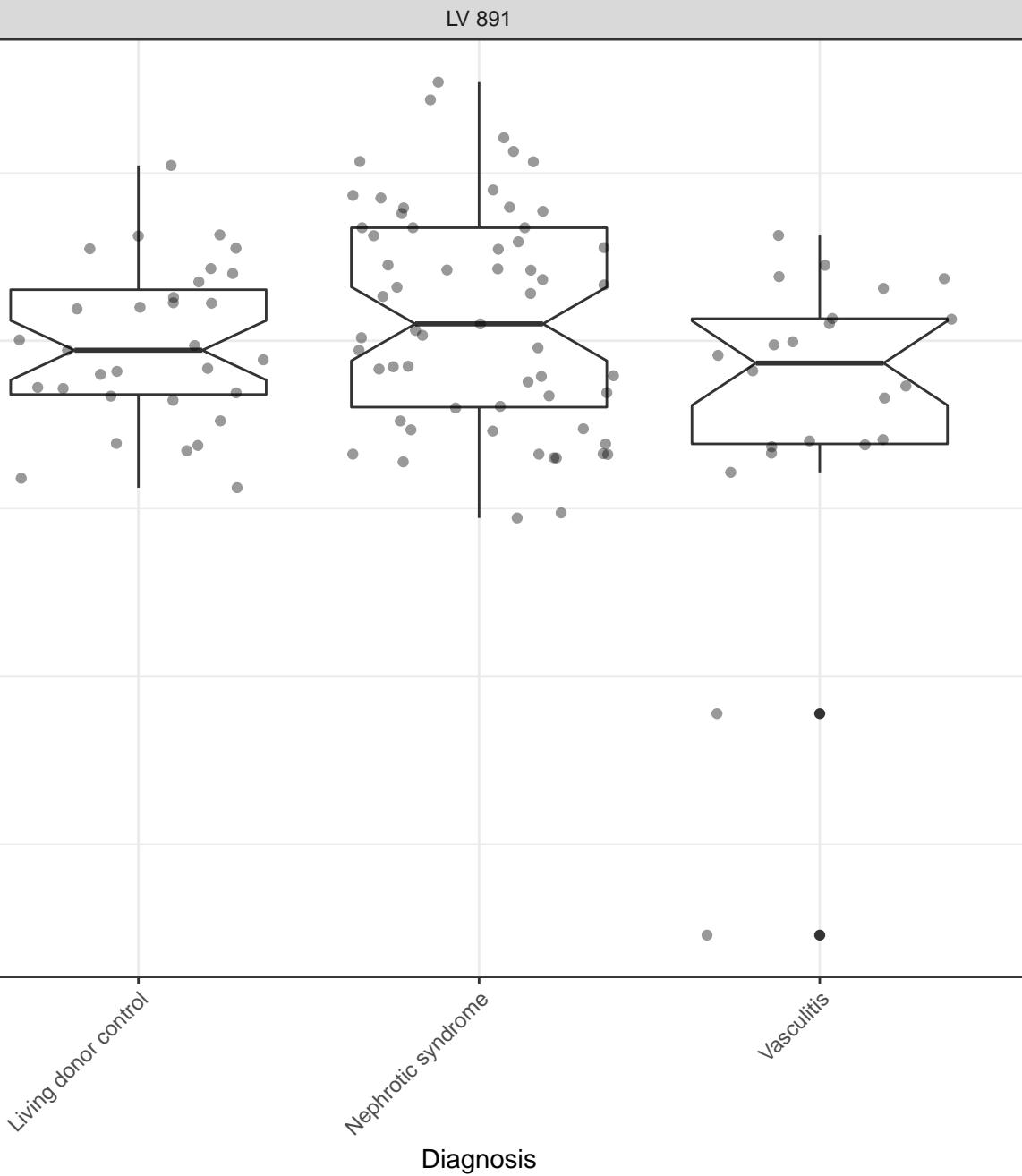
-0.1

Living donor control

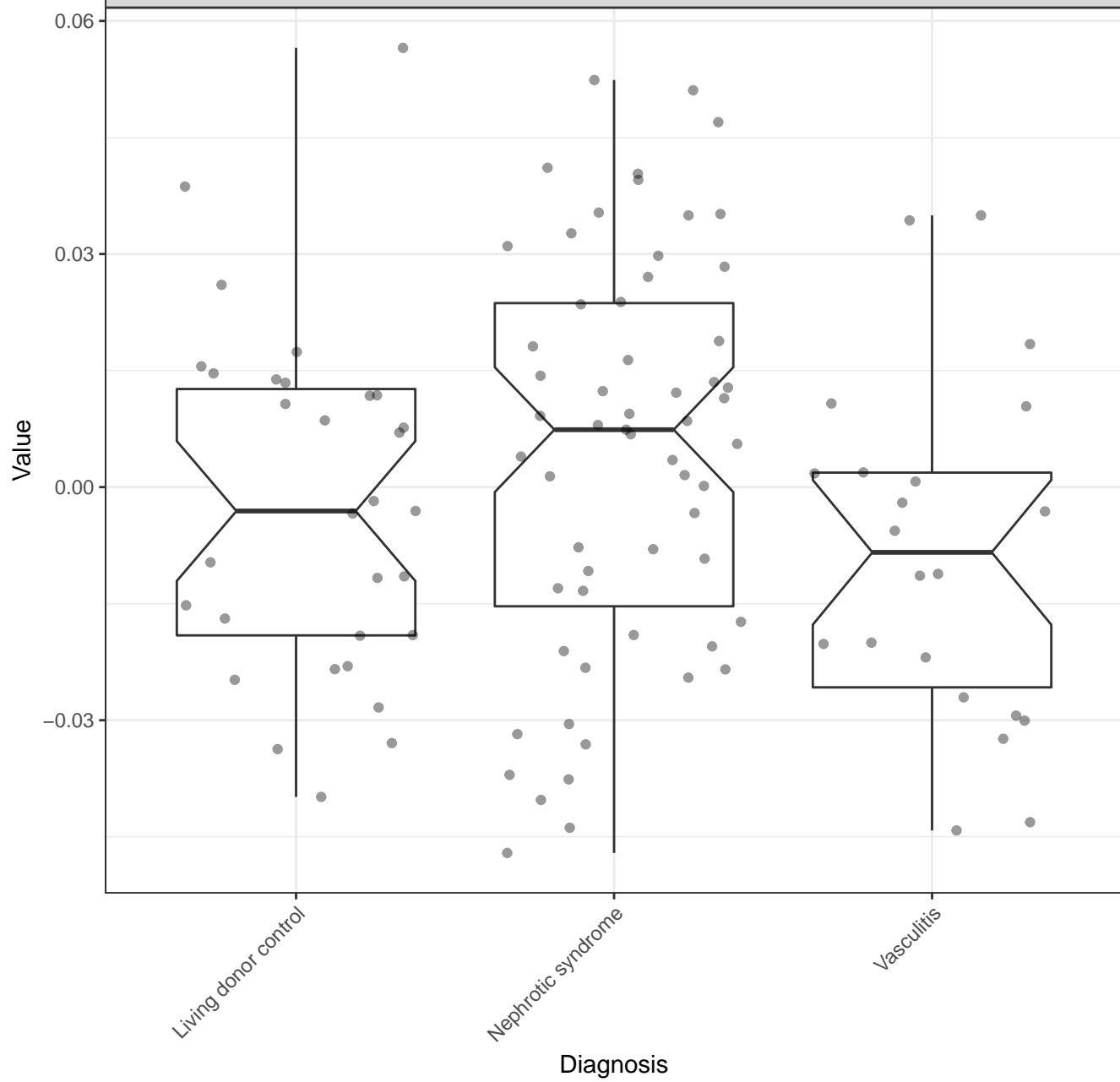
Nephrotic syndrome

Vasculitis

Diagnosis



LV 892



Value

0.05

0.00

-0.05

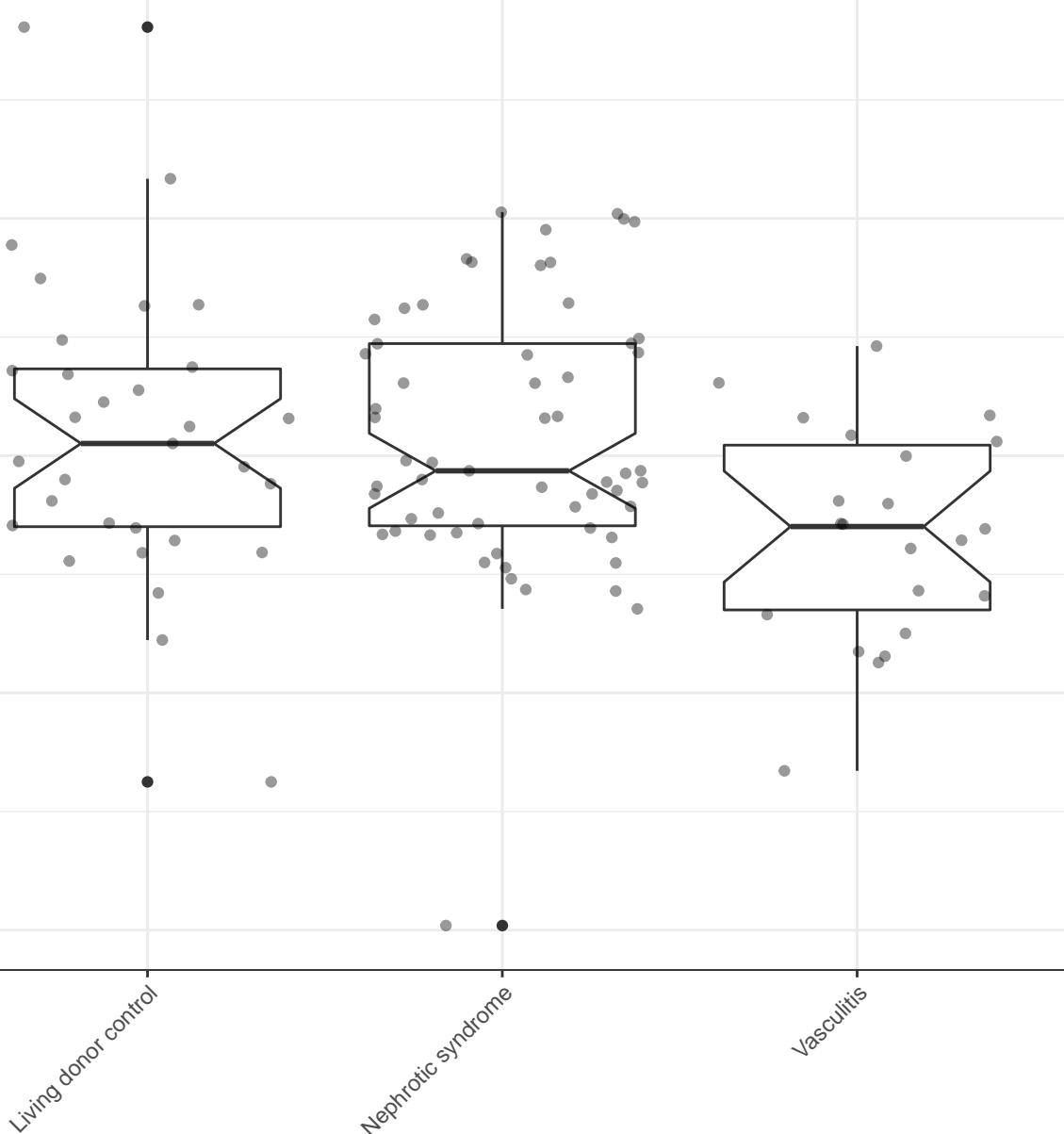
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 894

Value

0.04

0.00

-0.04

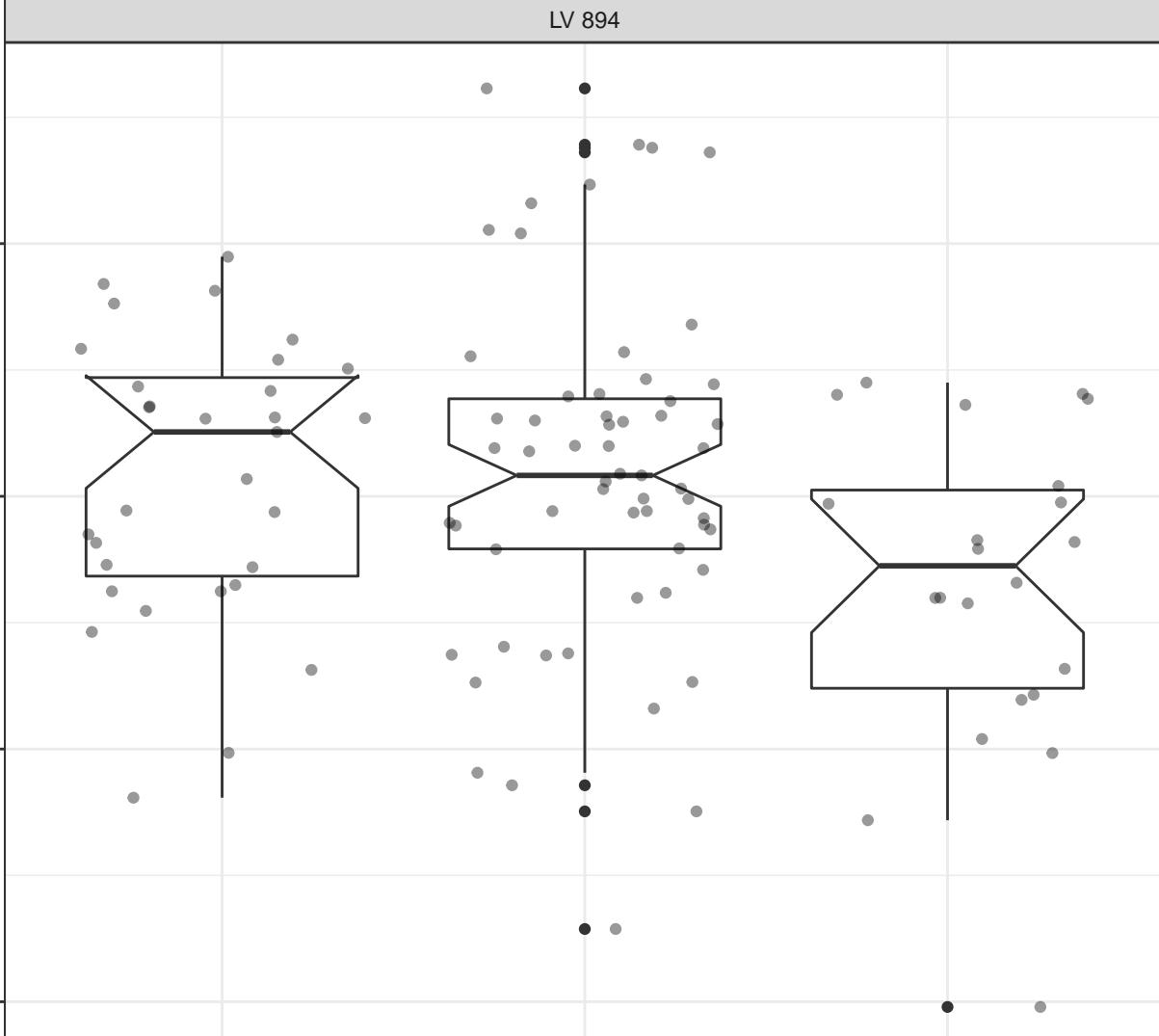
-0.08

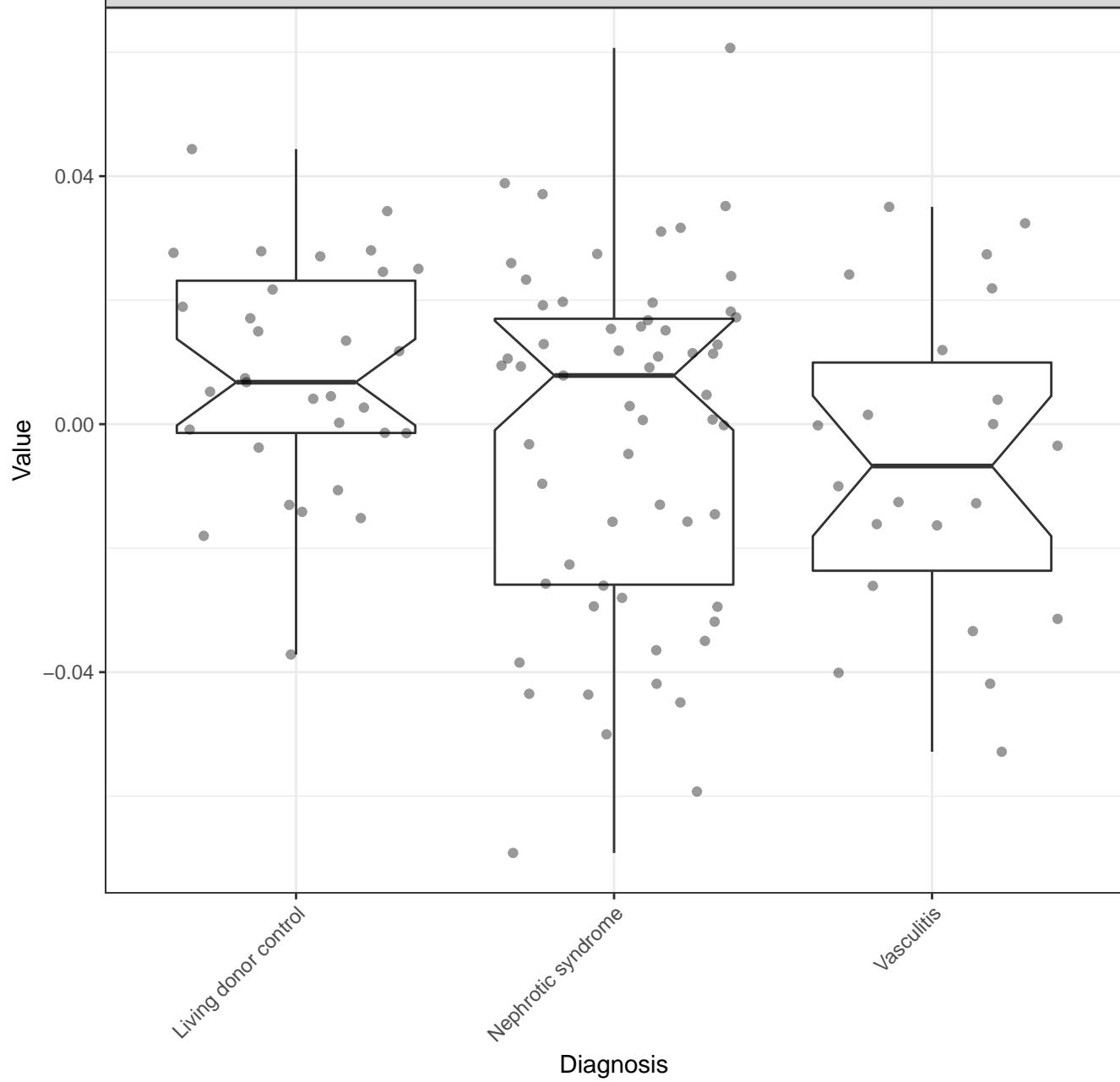
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 896

Value

0.05

0.01

-0.05

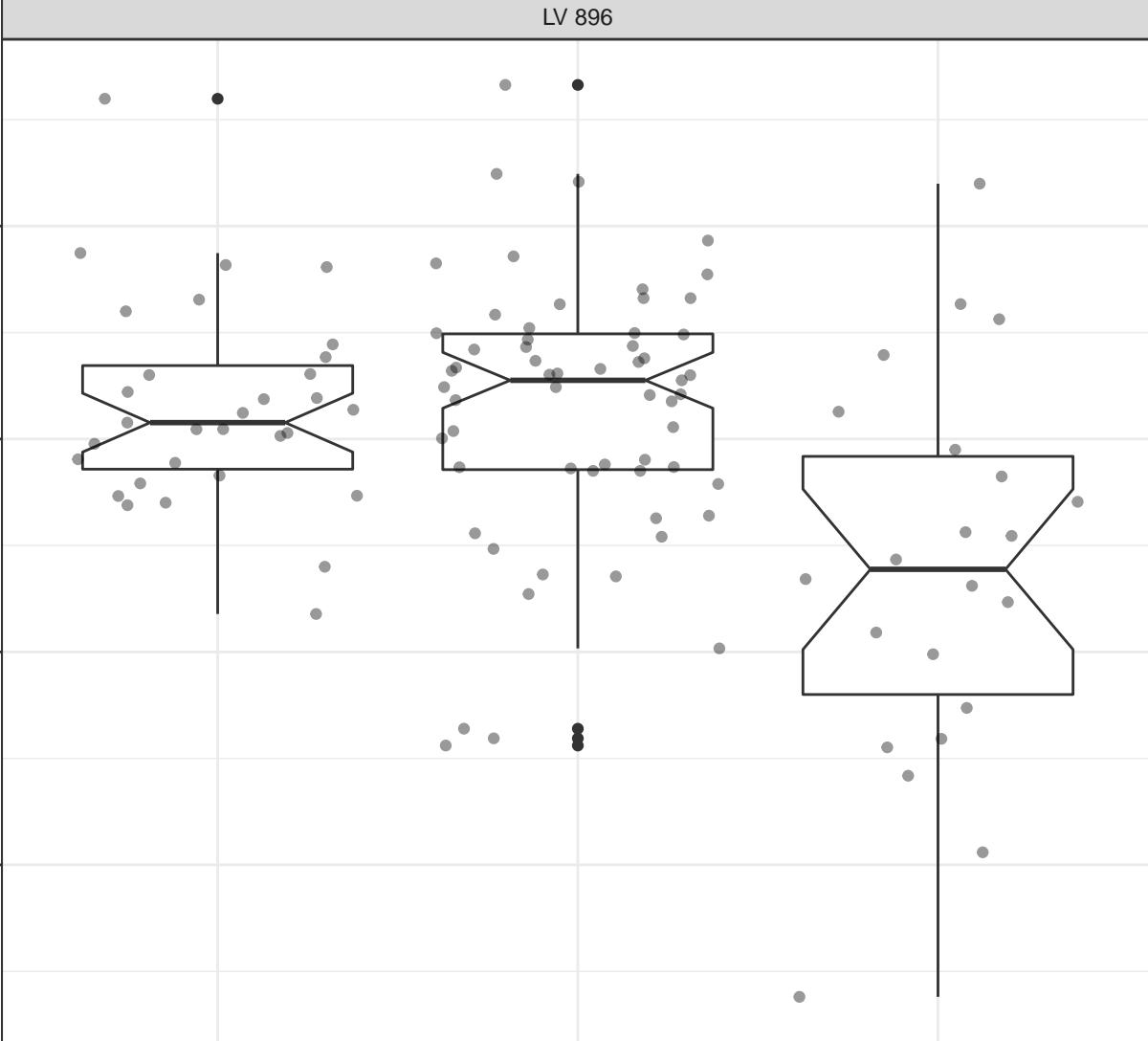
-0.10

Living donor control

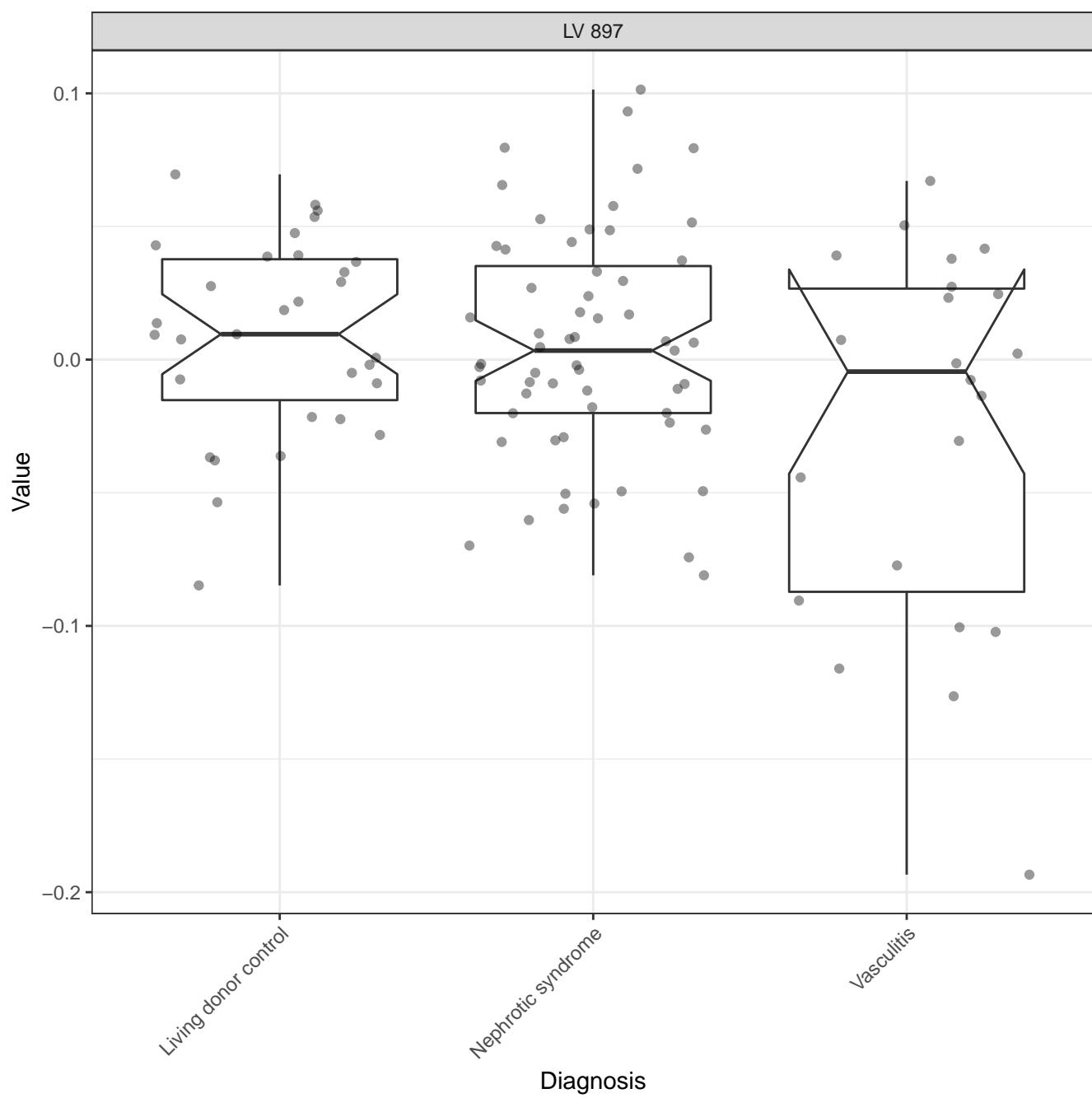
Nephrotic syndrome

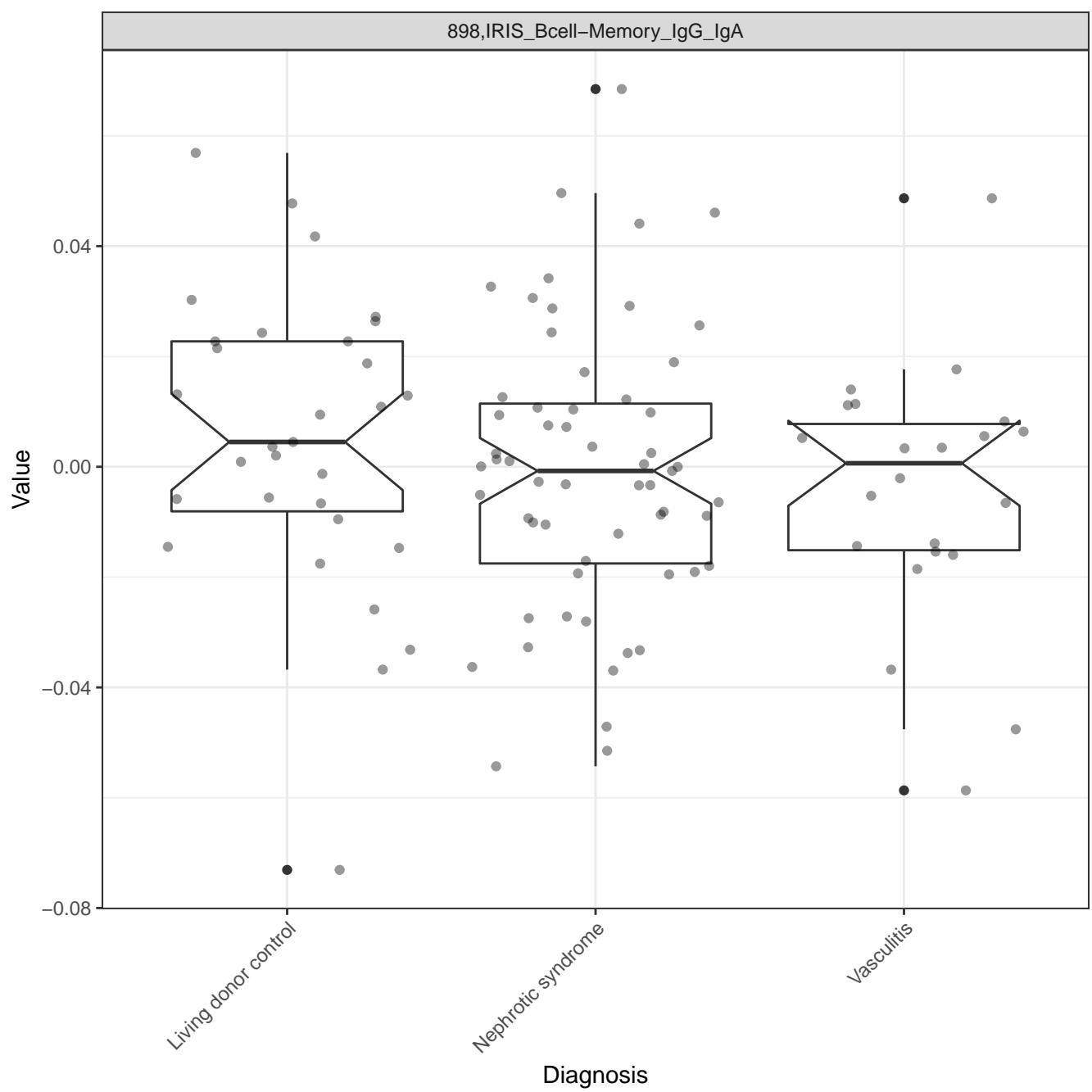
Vasculitis

Diagnosis



LV 897





LV 899

Value

0.05

0.00

-0.05

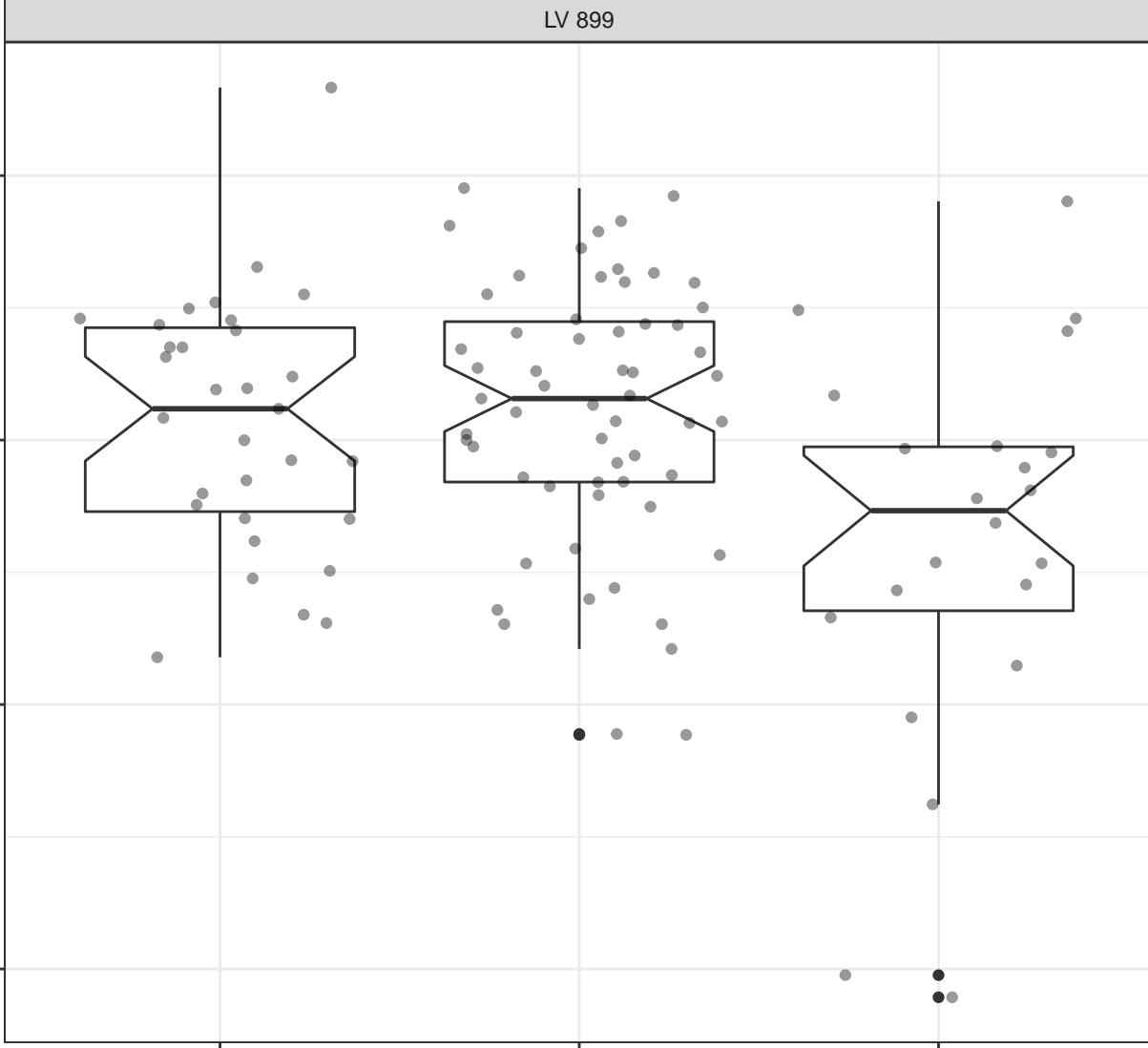
-0.10

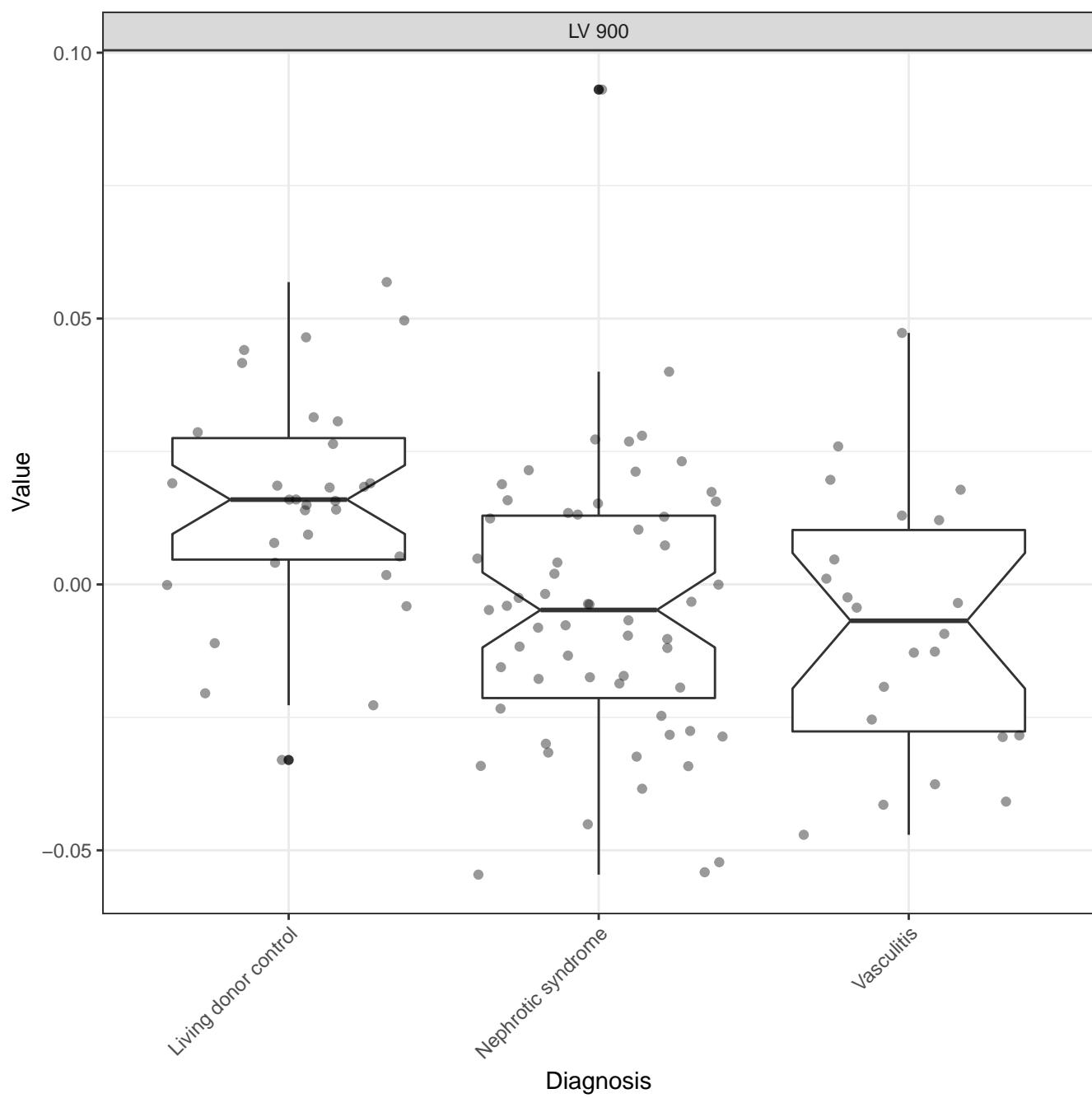
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





Value

0.05

0.00

-0.05

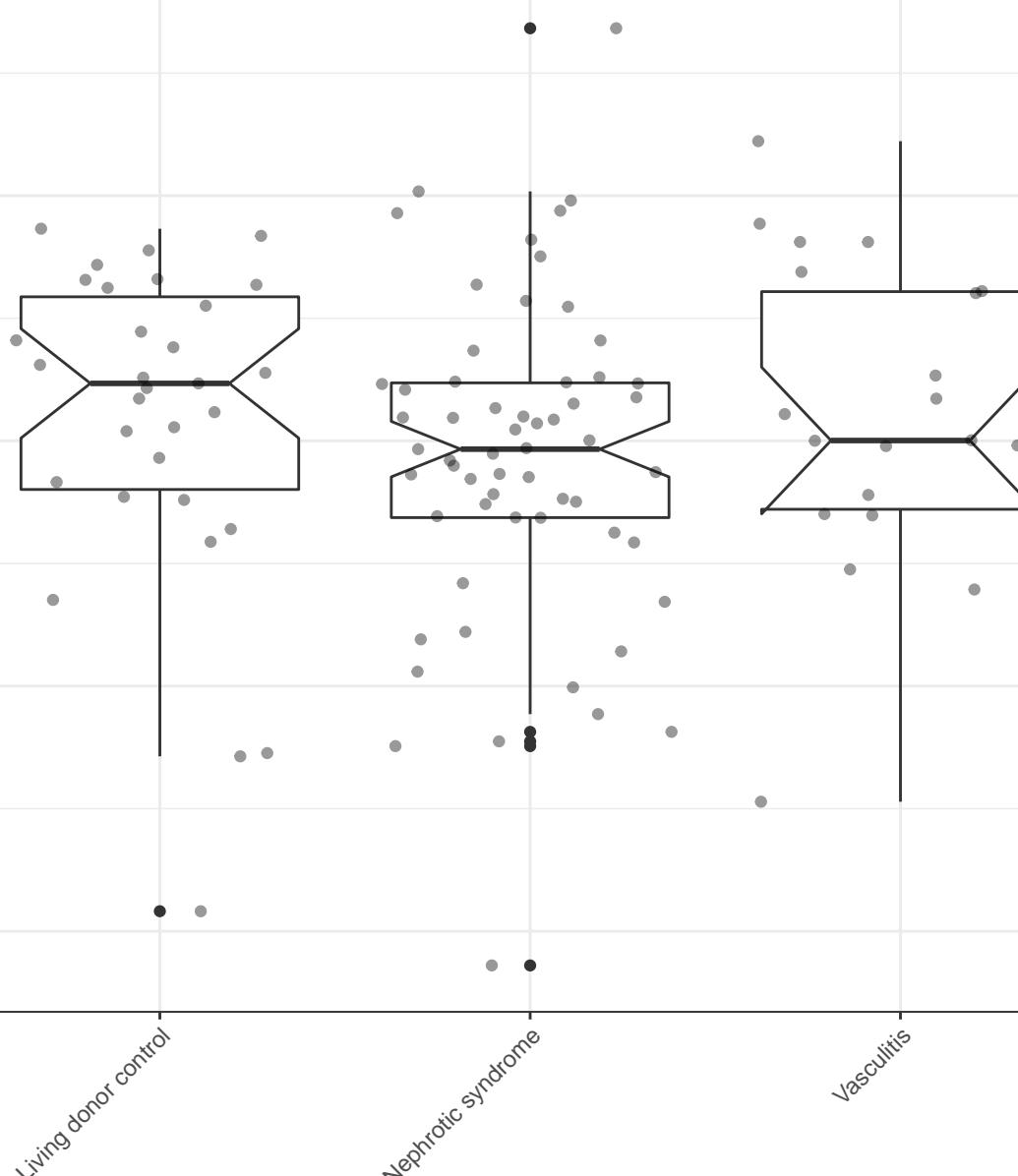
-0.10

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

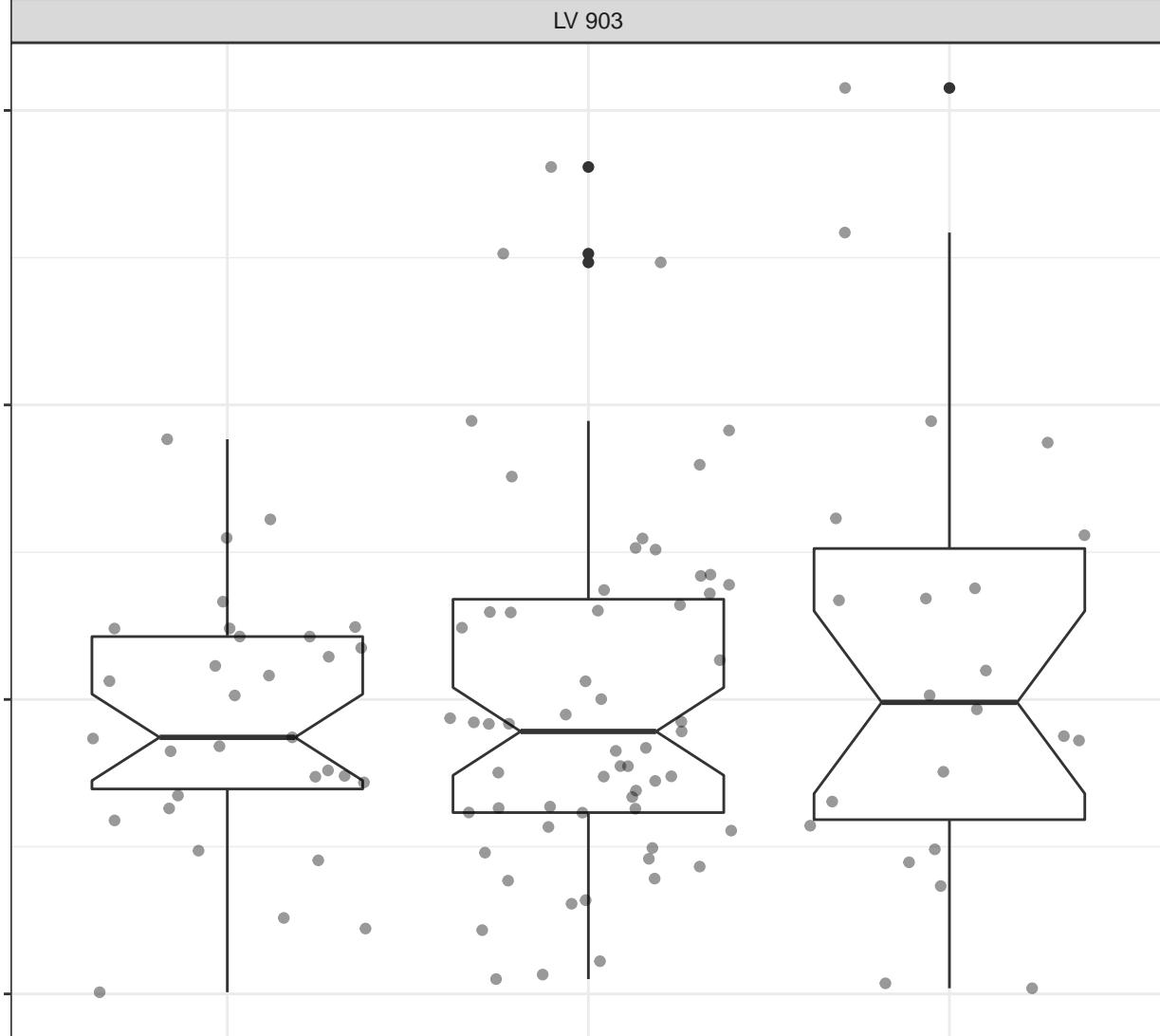
-0.1

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

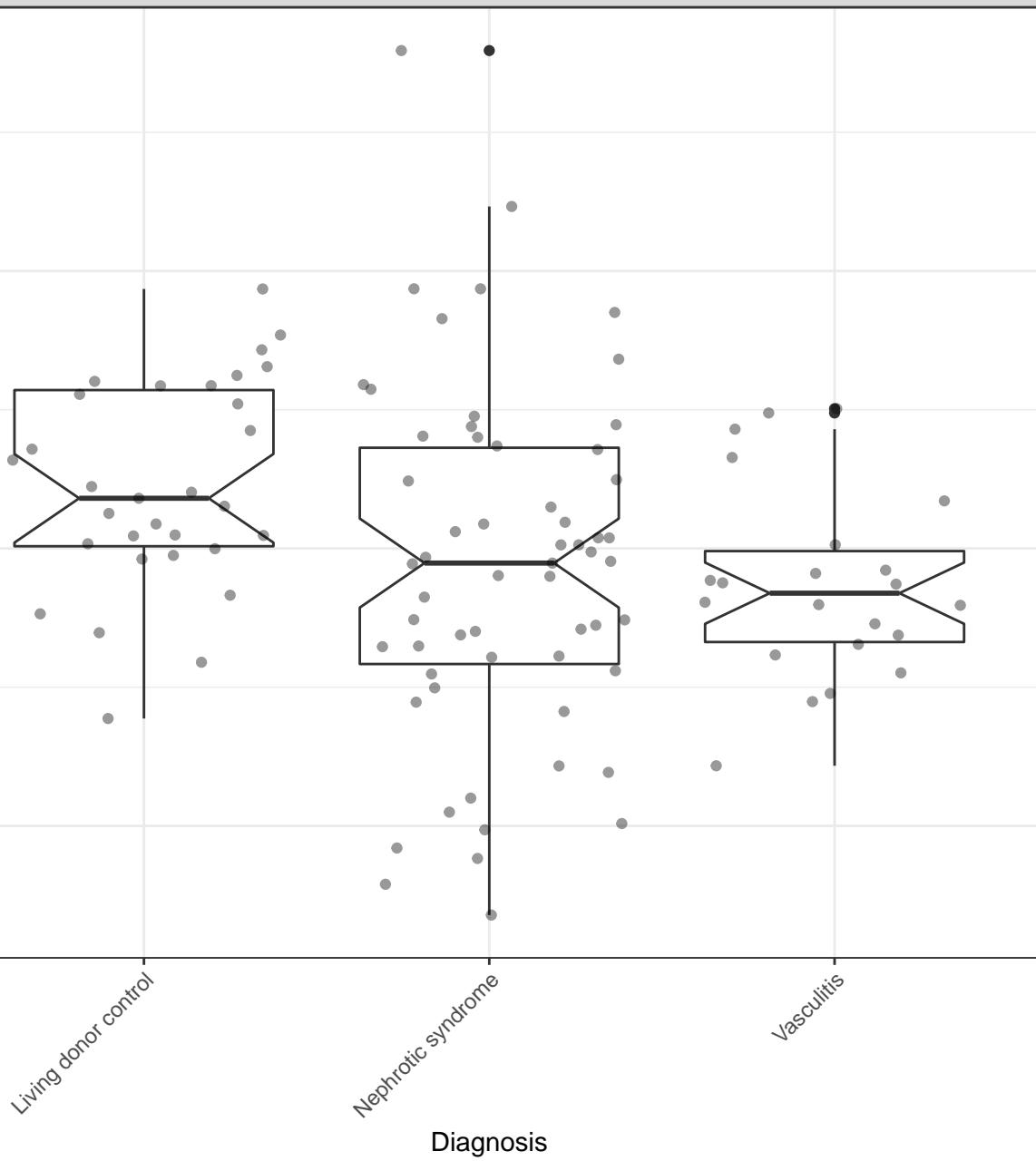
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## LV 906

Value

0.04

0.00

-0.04

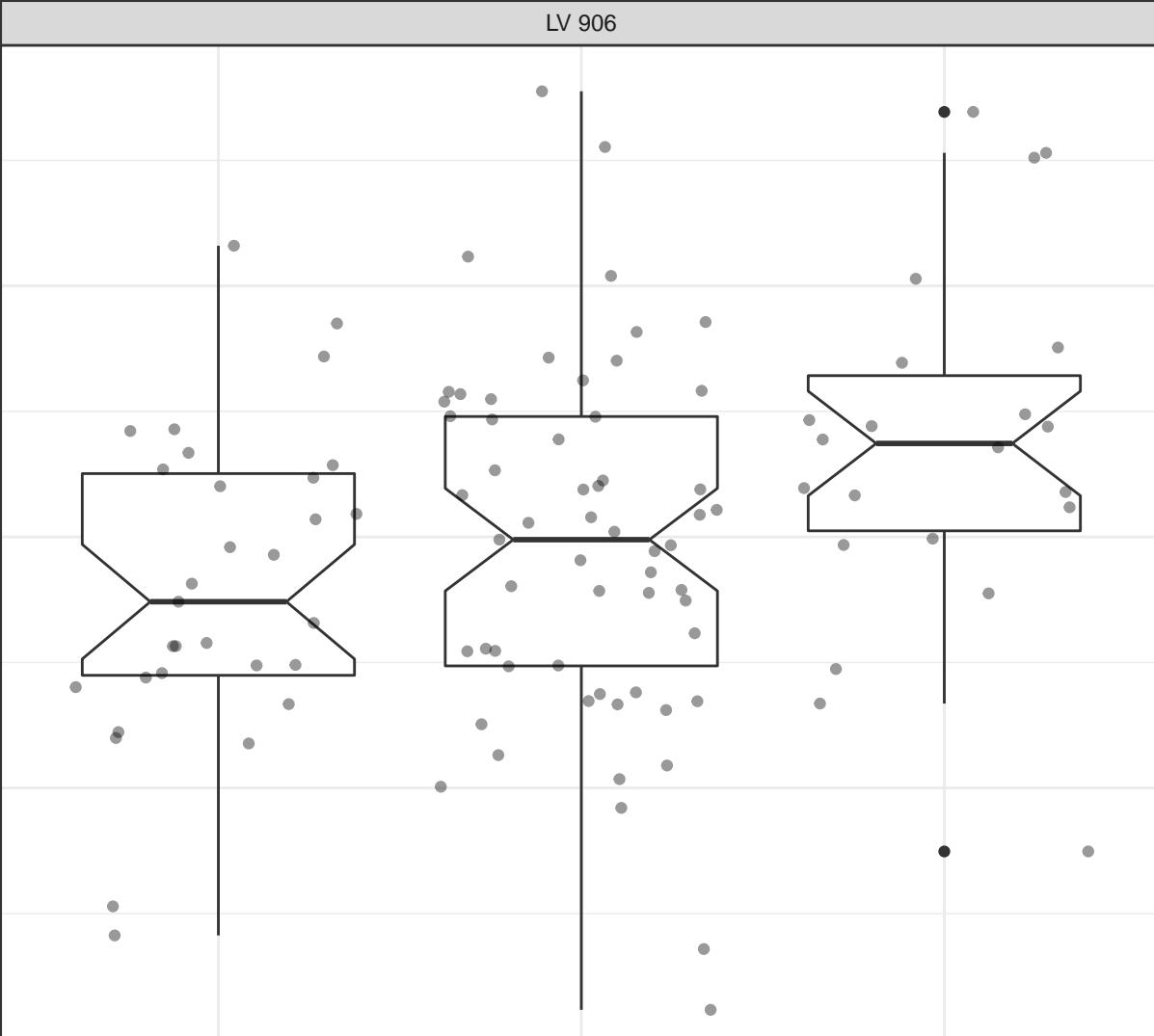
-0.08

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 907

Value

0.10

0.05

0.00

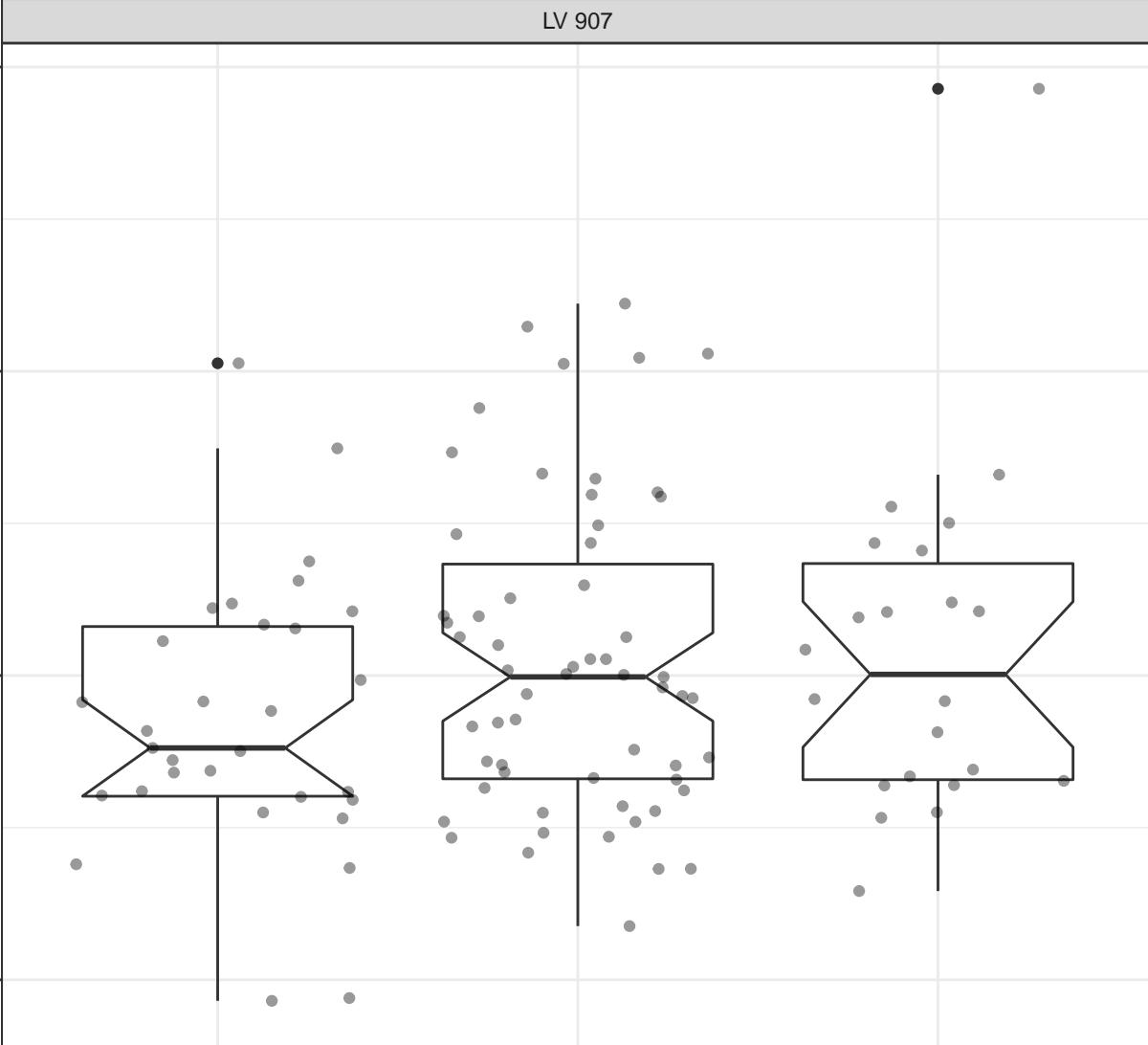
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 908

Value

0.06

0.03

0.00

-0.03

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 909

Value

0.10

0.05

0.00

-0.05

-0.10

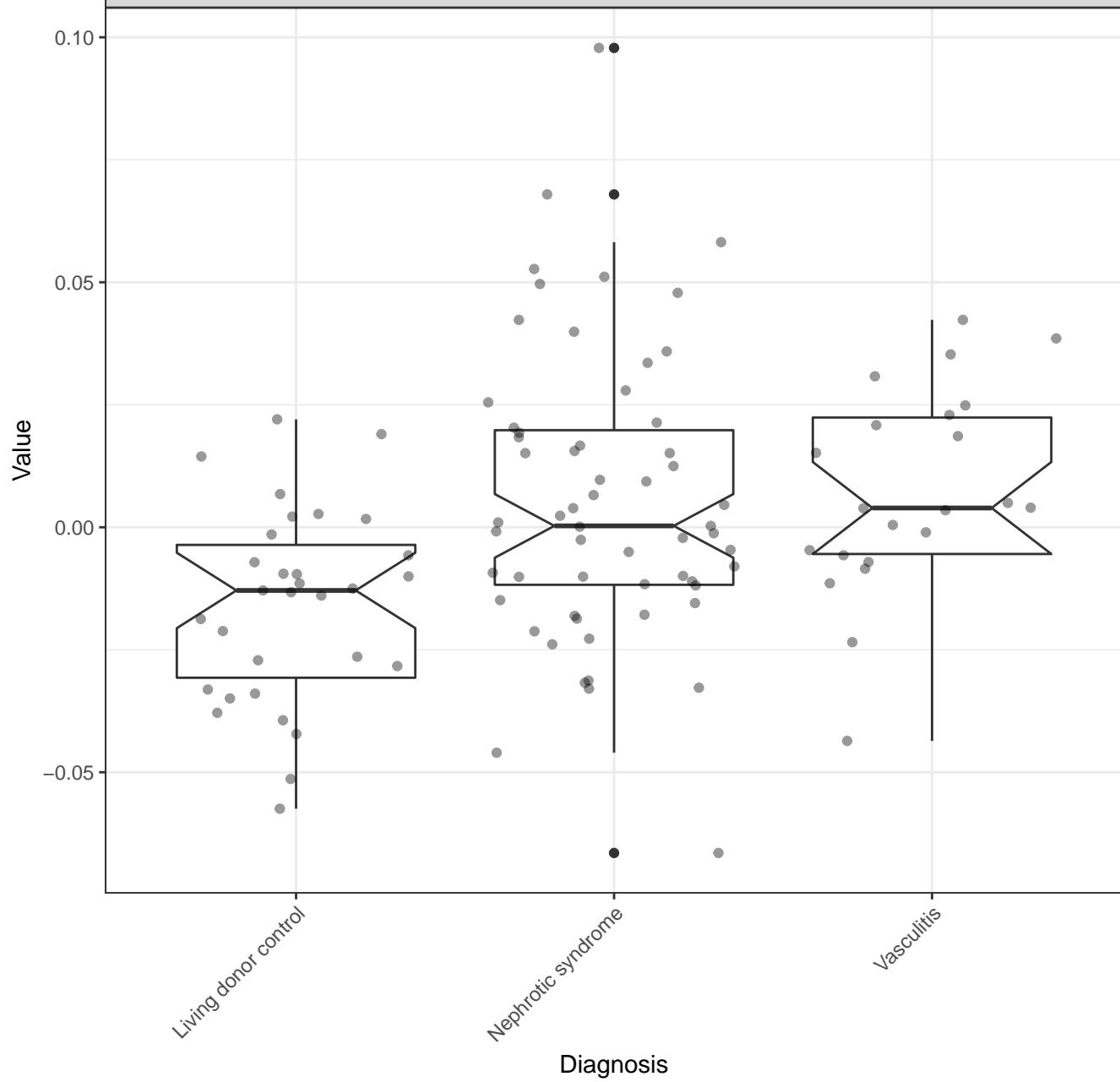
Living donor control

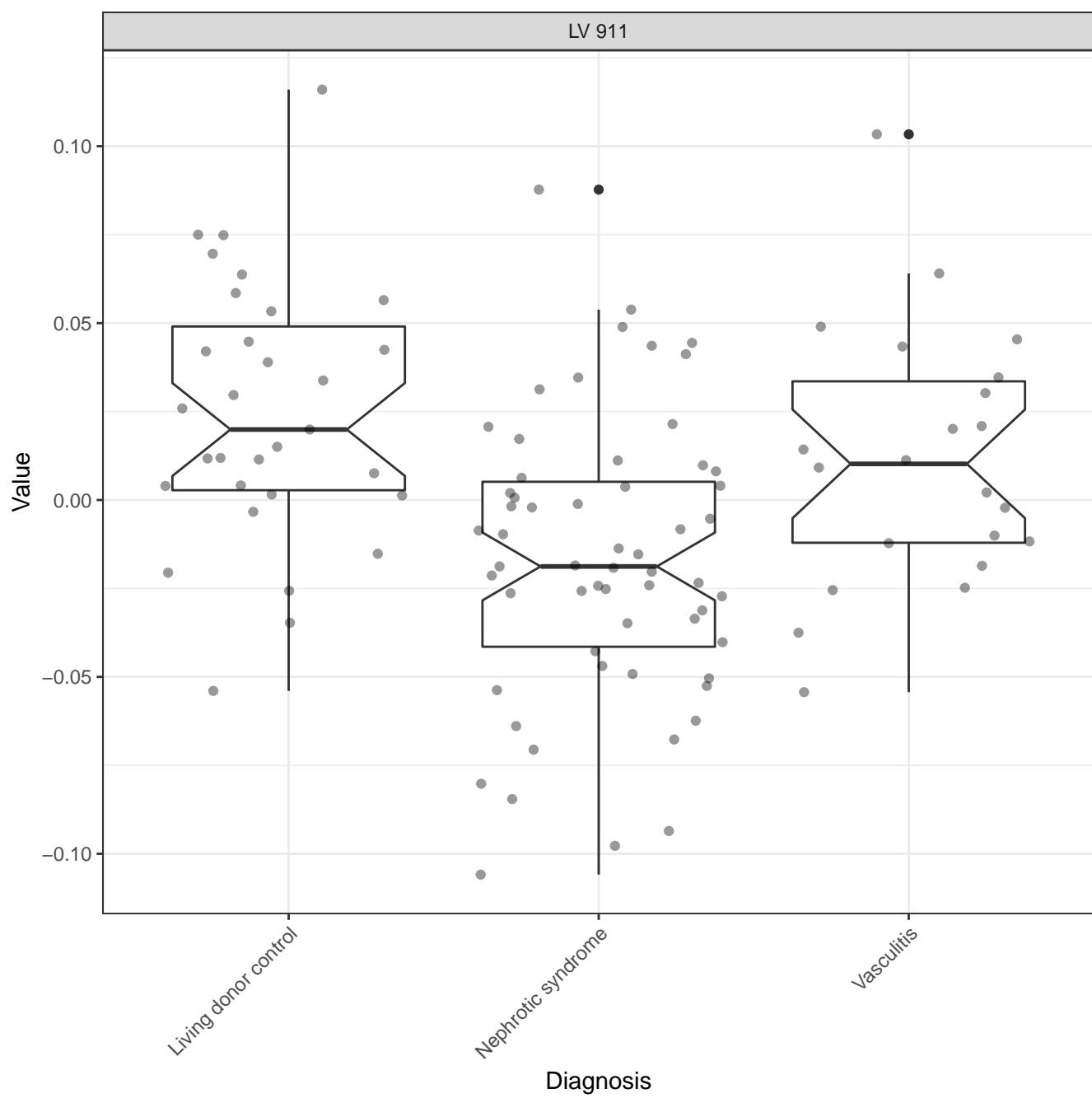
Nephrotic syndrome

Vasculitis

Diagnosis

LV 910





LV 912

Value

0.02

0.01

0.00

-0.01

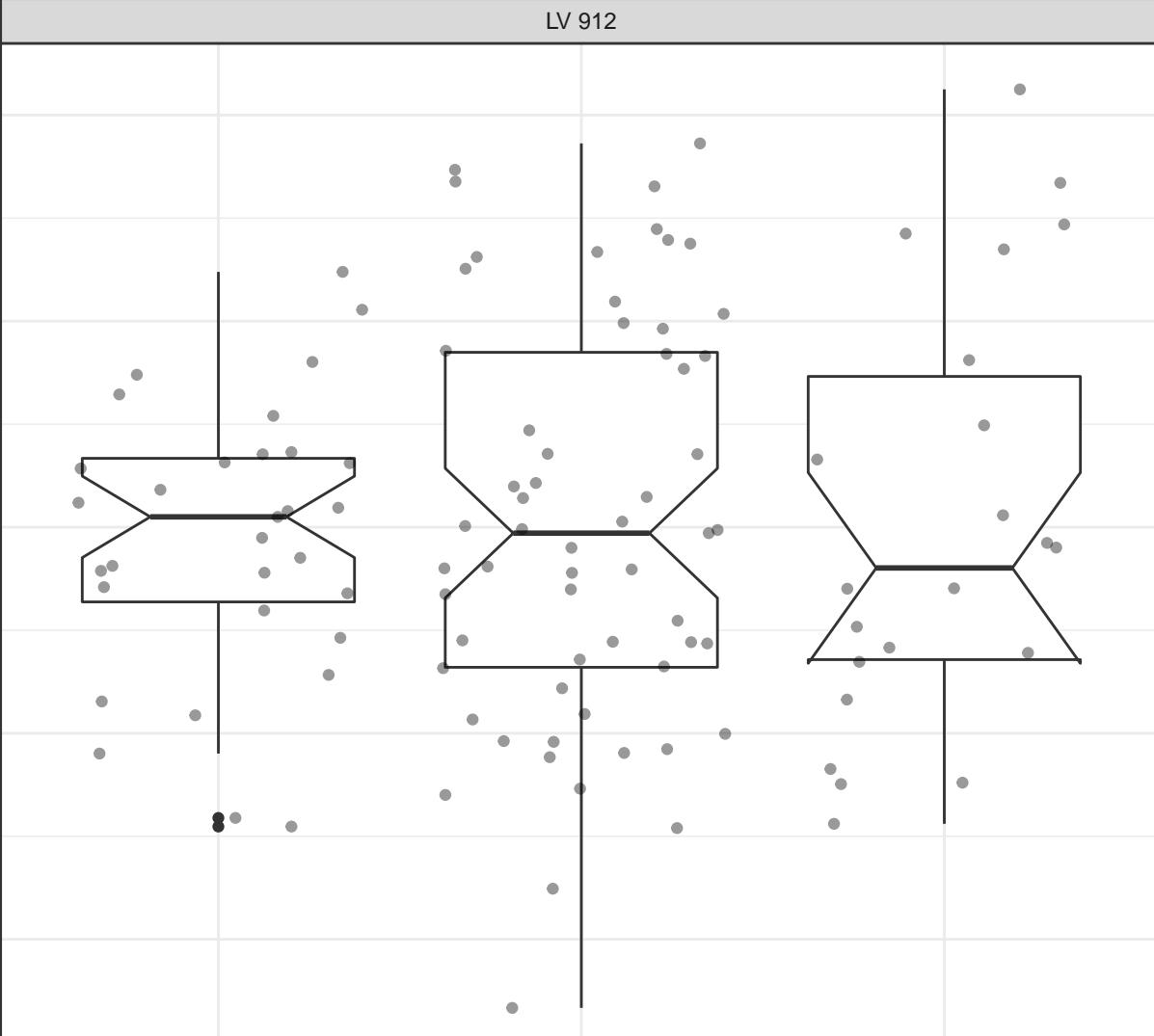
-0.02

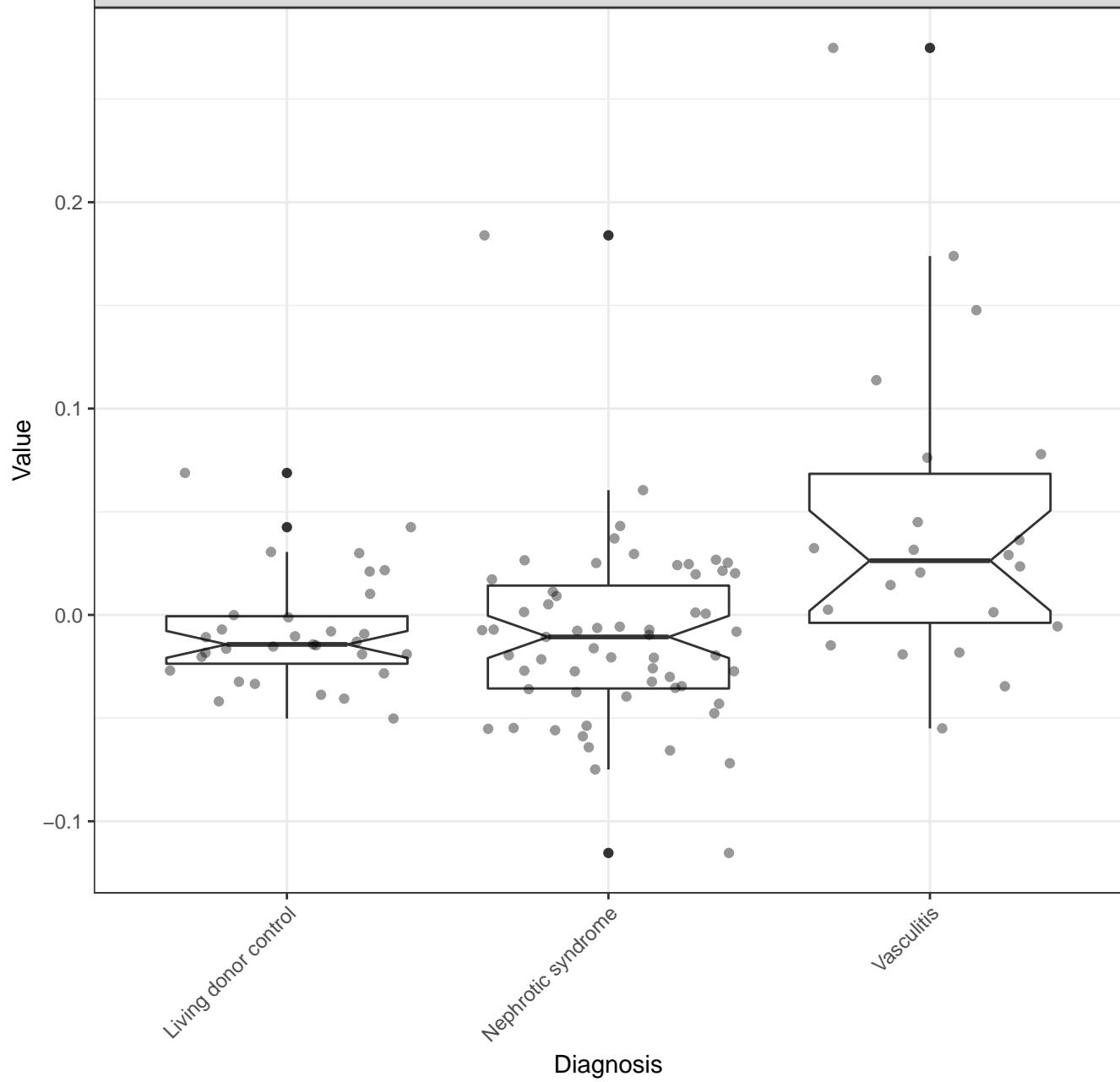
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis





LV 914

Value

0.05

0.00

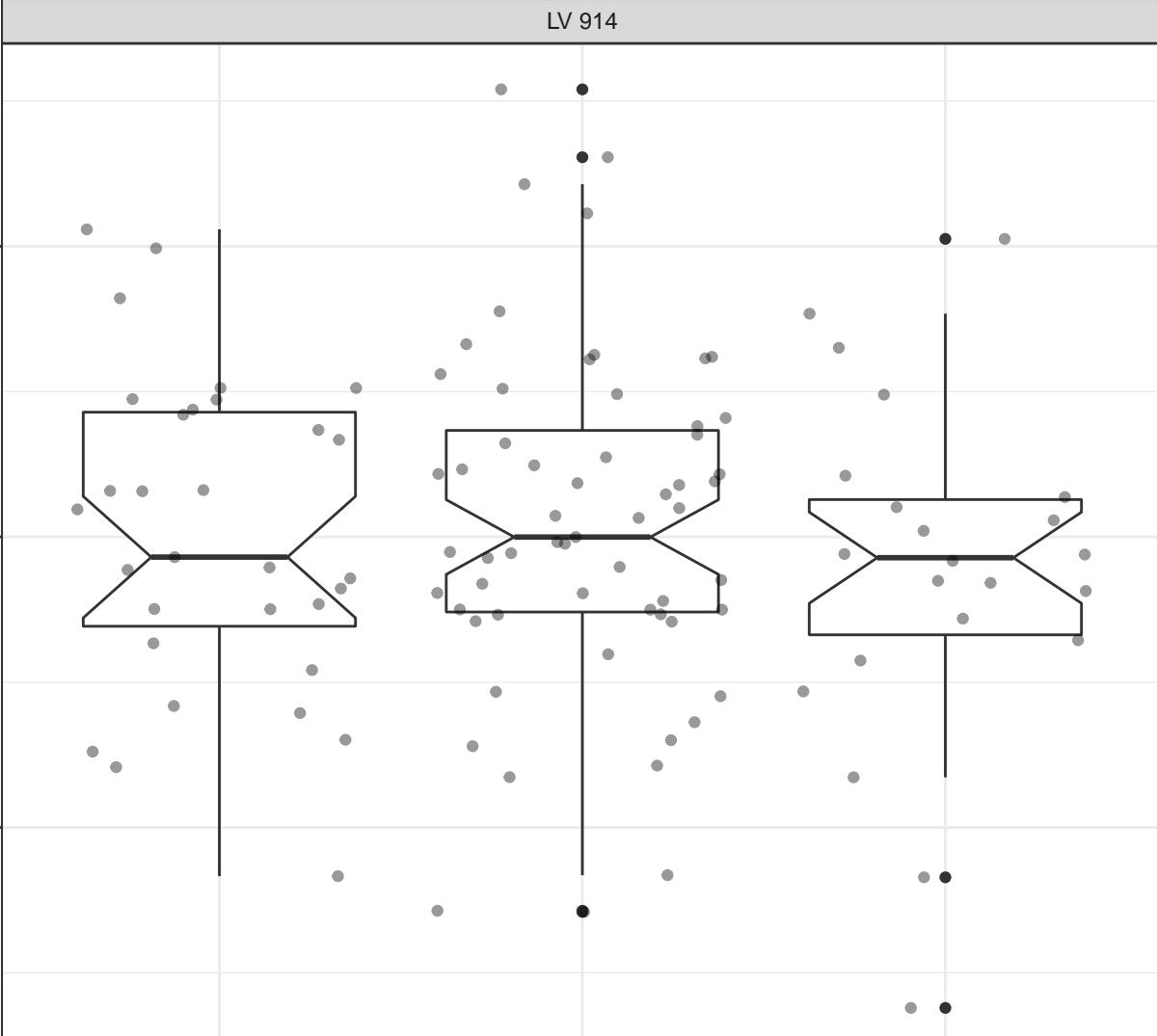
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## 915,MIPS\_SPLICEOSOME

Value

0.2

0.0

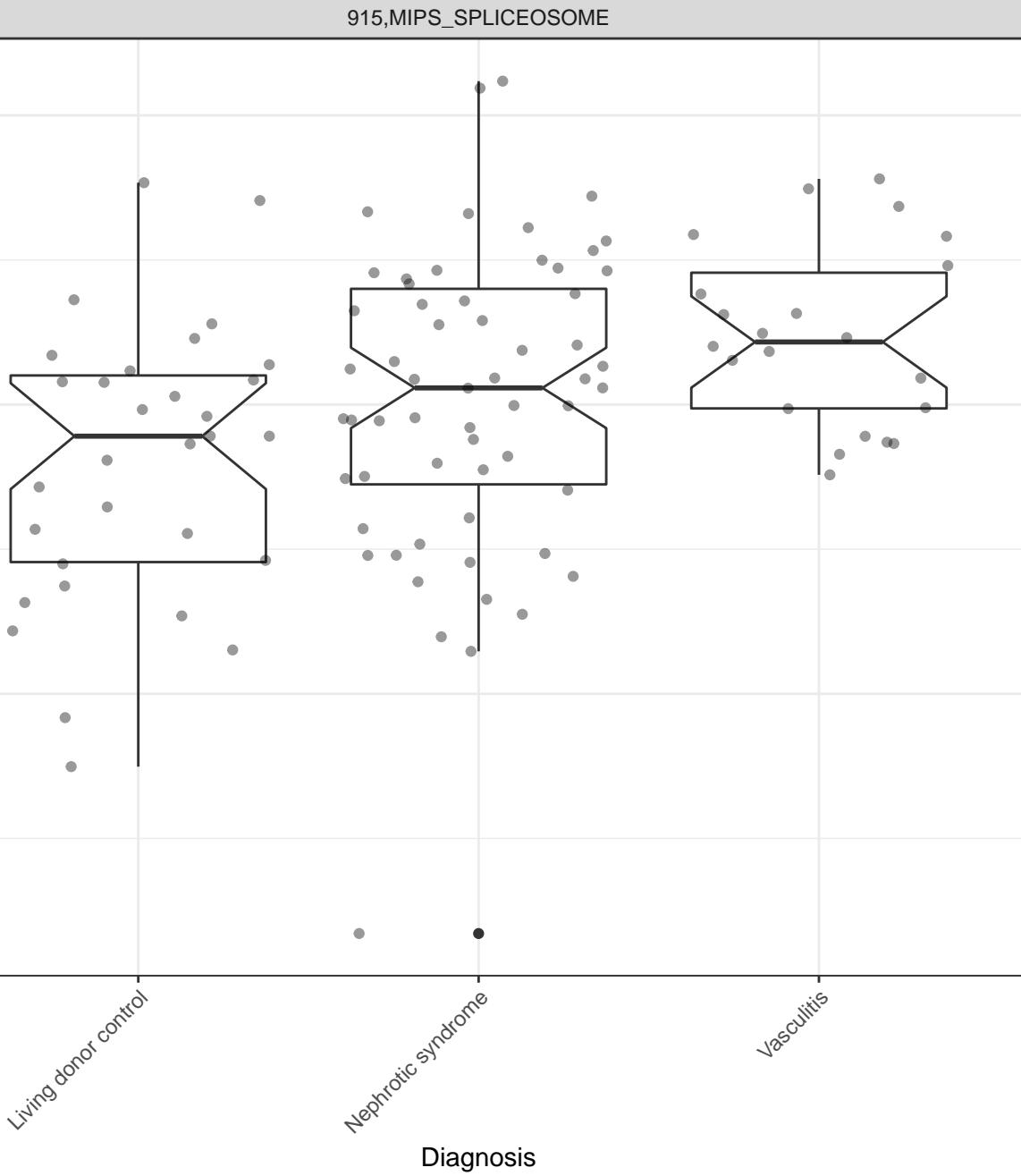
-0.2

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

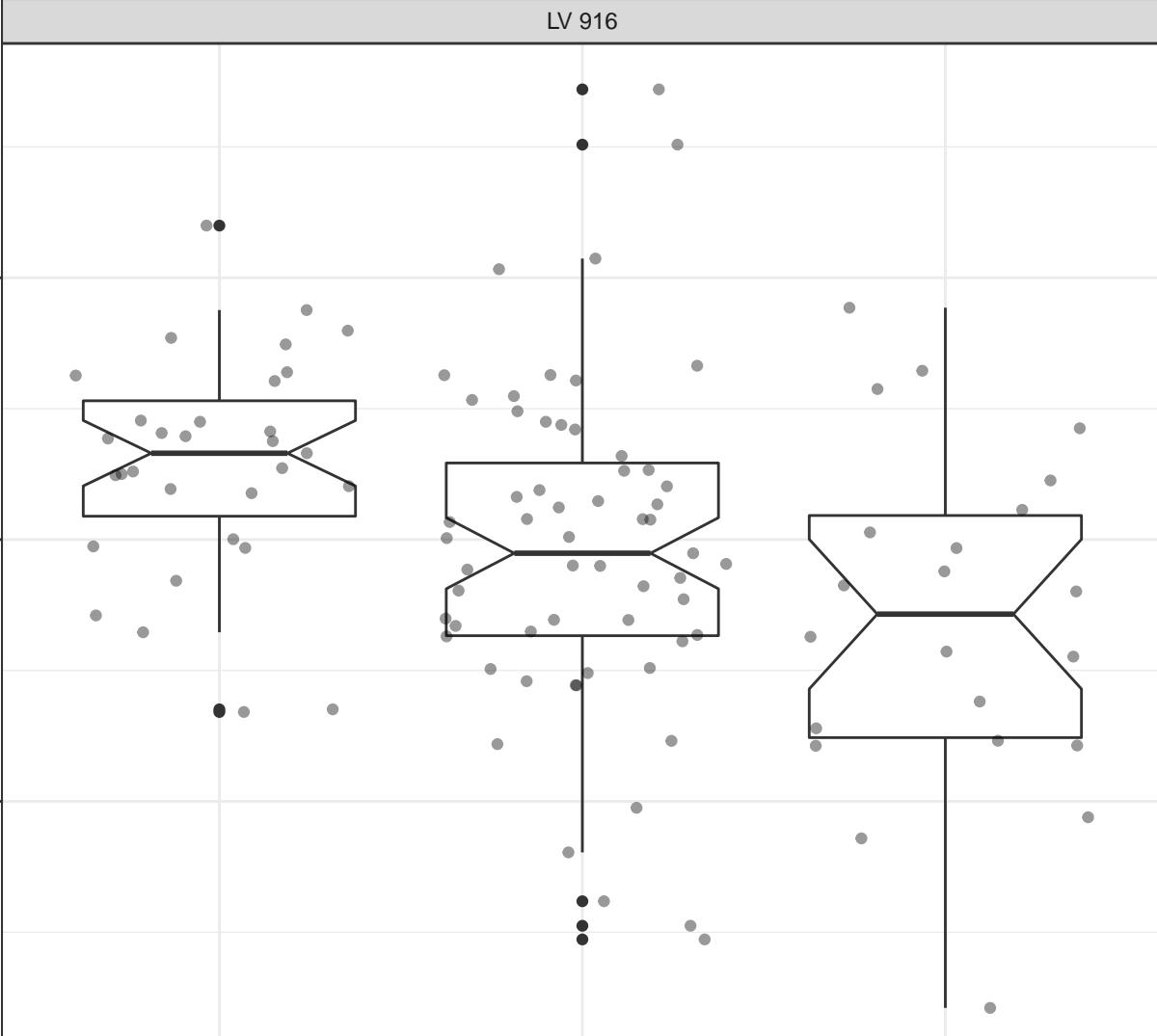
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



## LV 917

Value

0.05

0.00

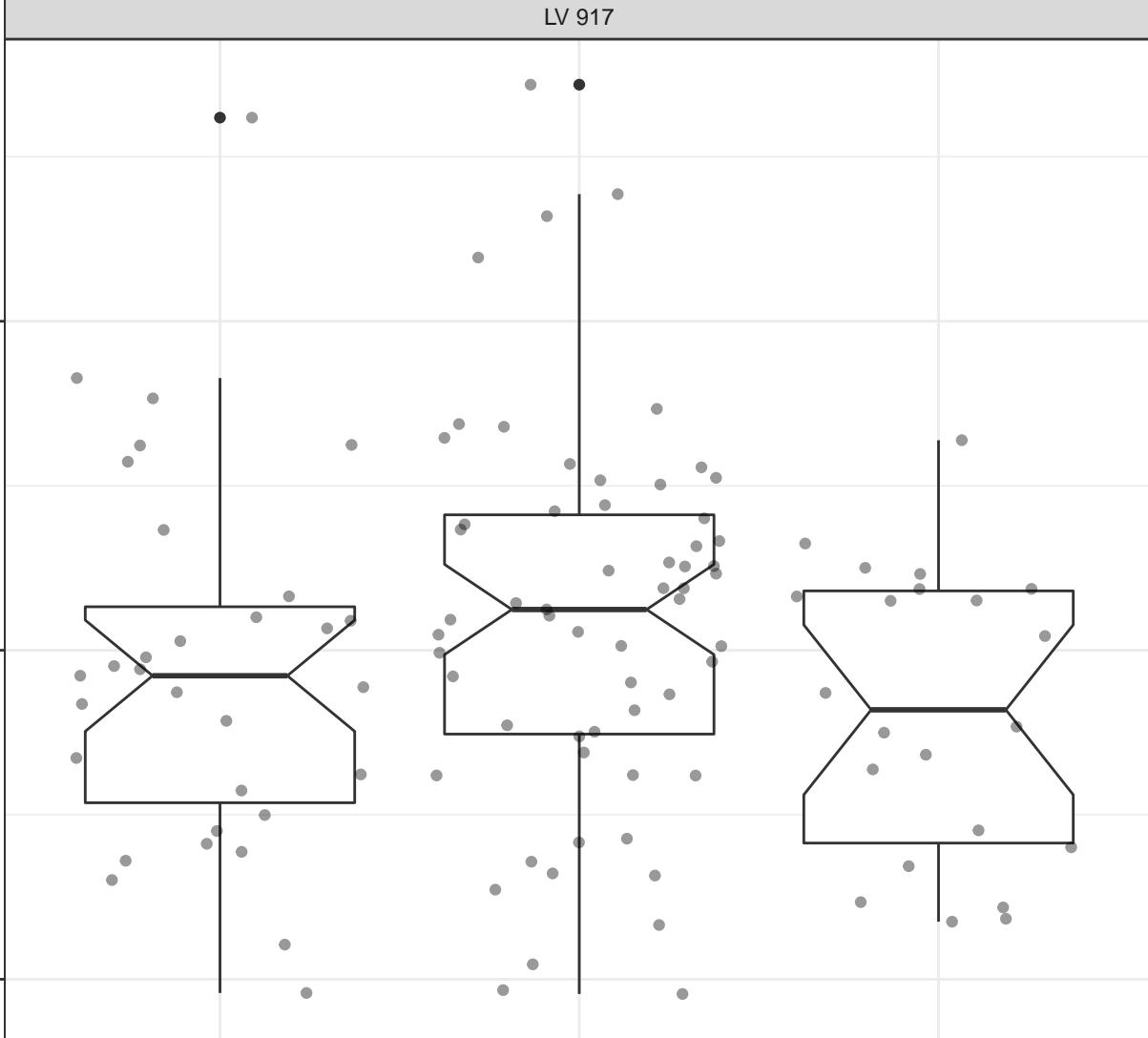
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 918

Value

0.10

0.05

0.00

-0.05

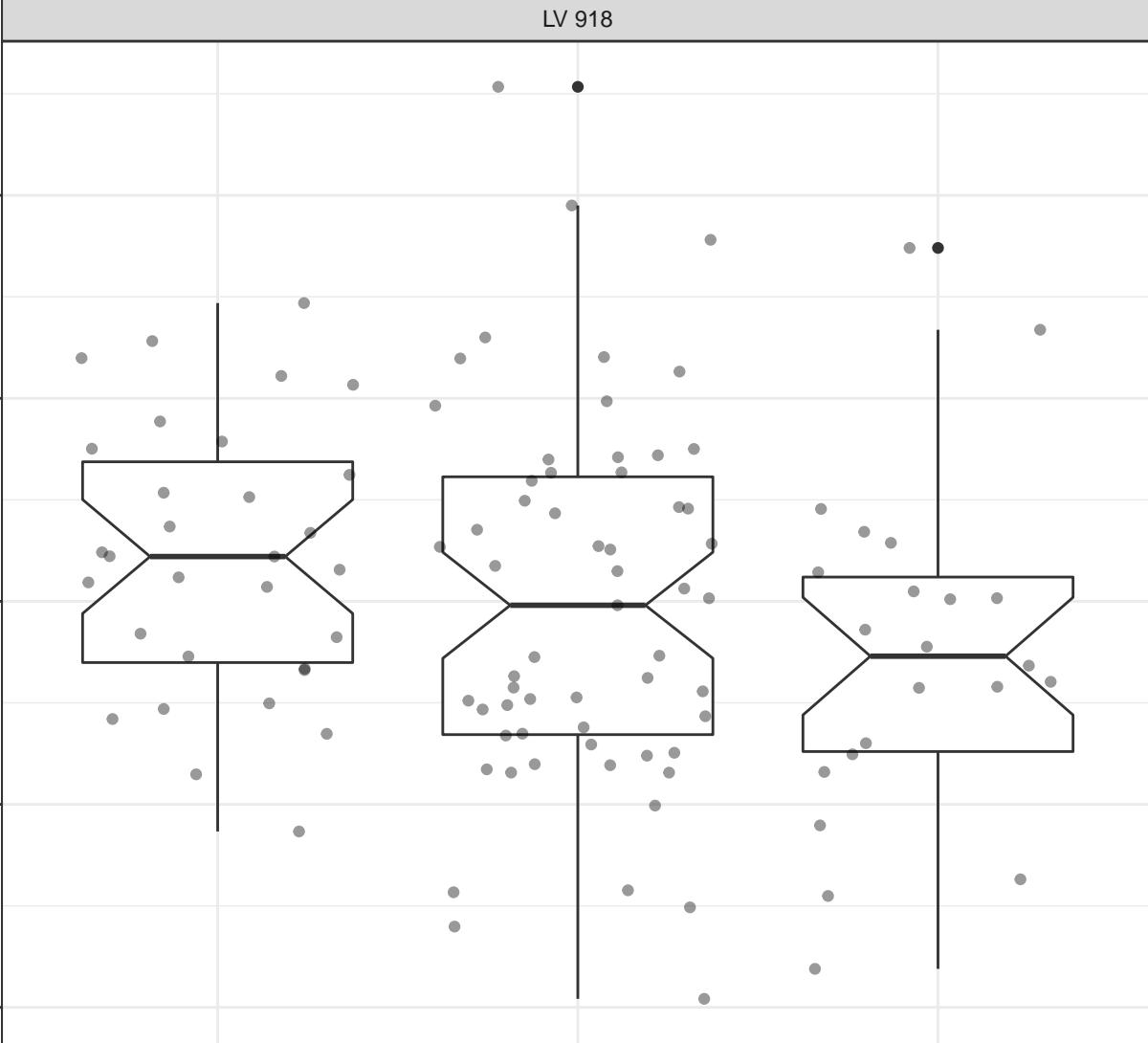
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 919

Value

0.10

0.05

0.00

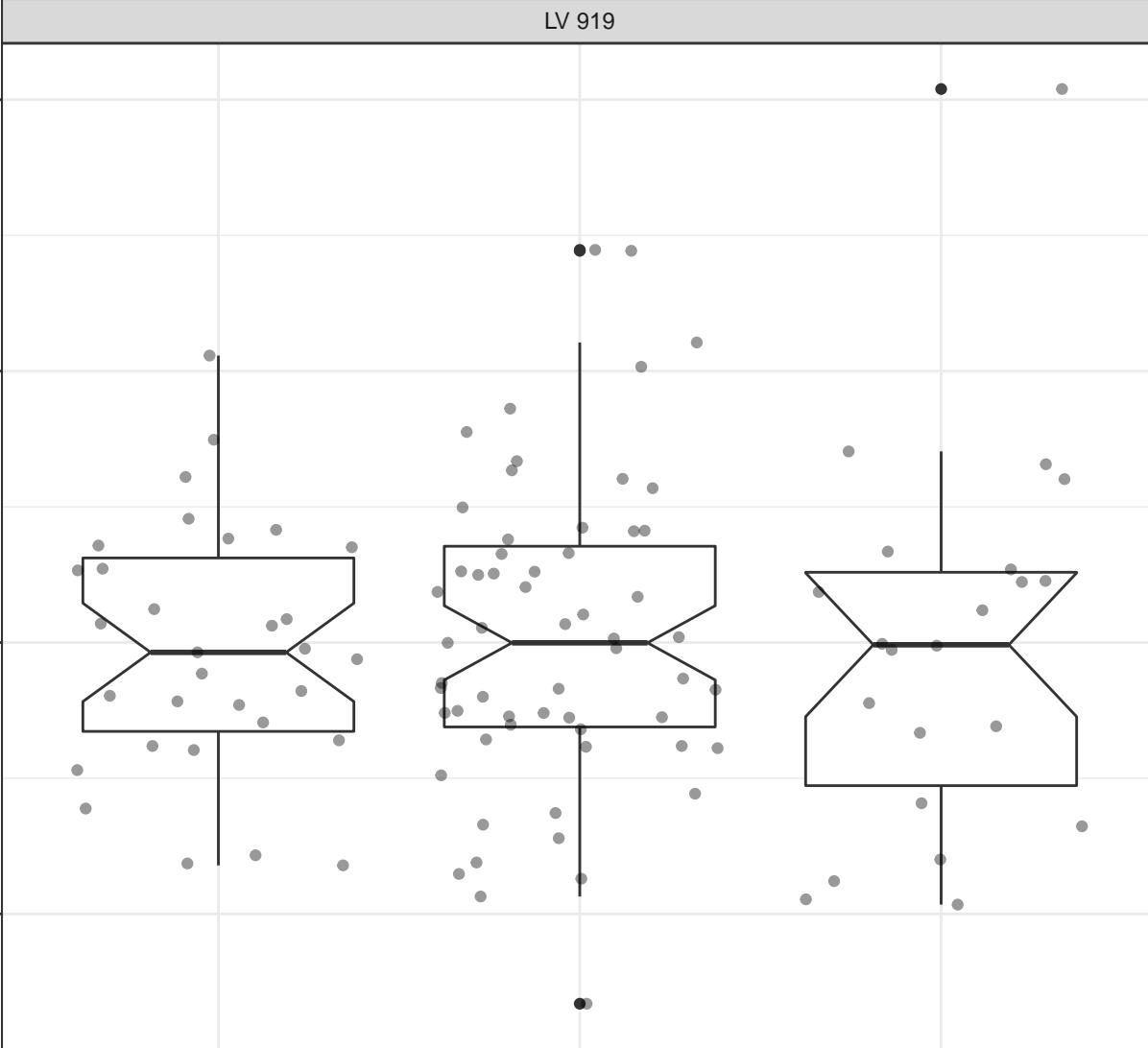
-0.05

Living donor control

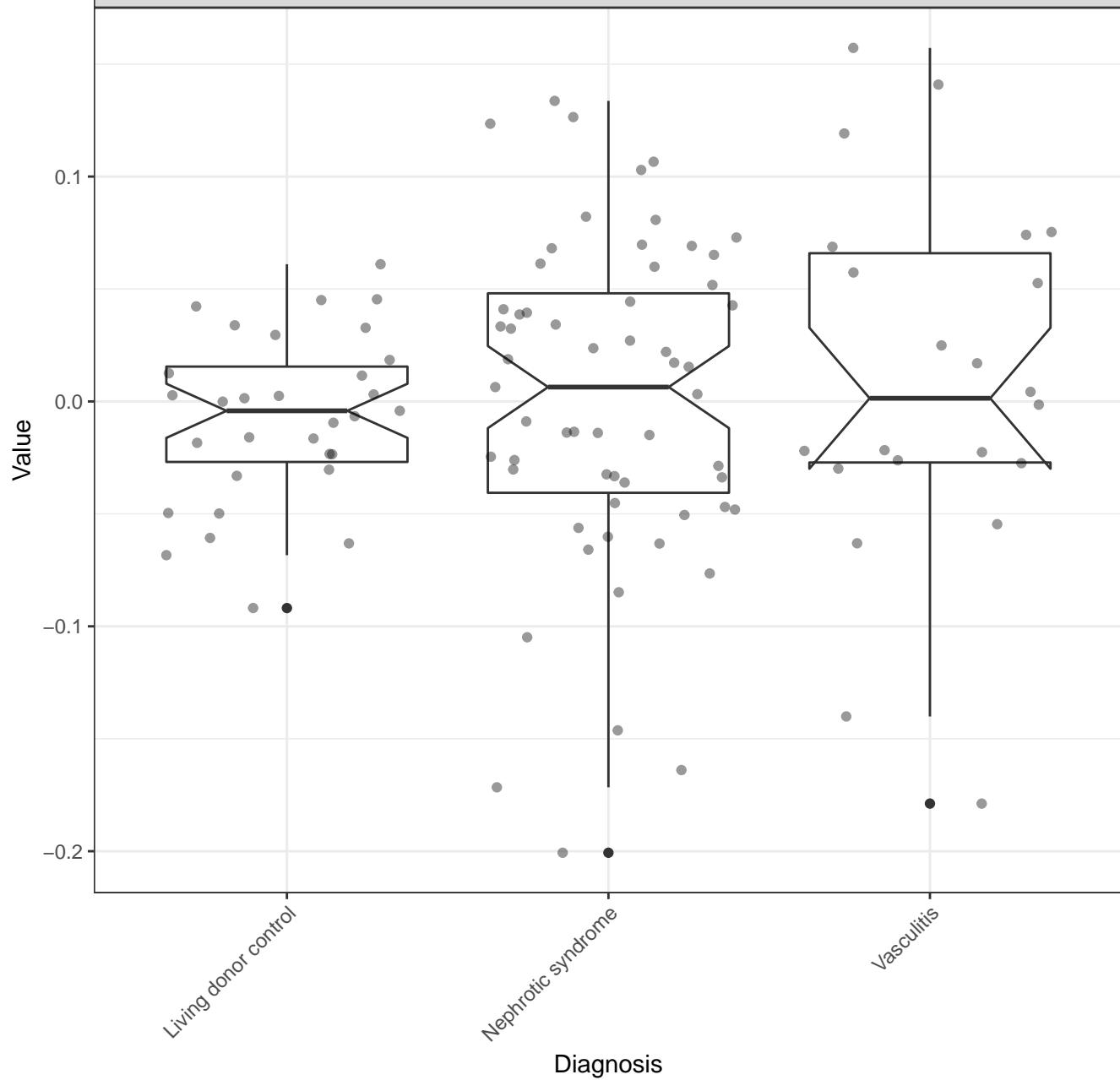
Nephrotic syndrome

Vasculitis

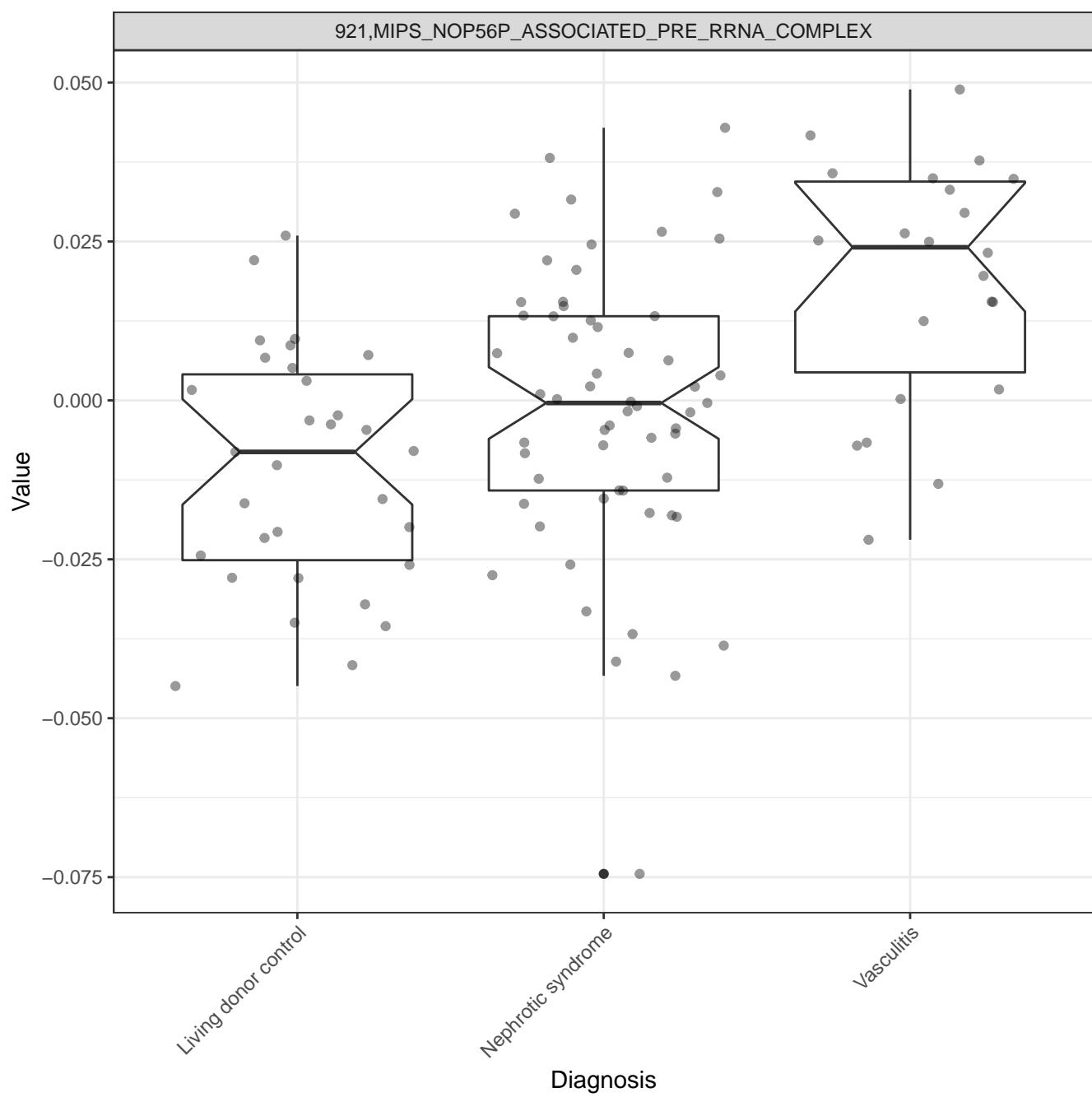
Diagnosis



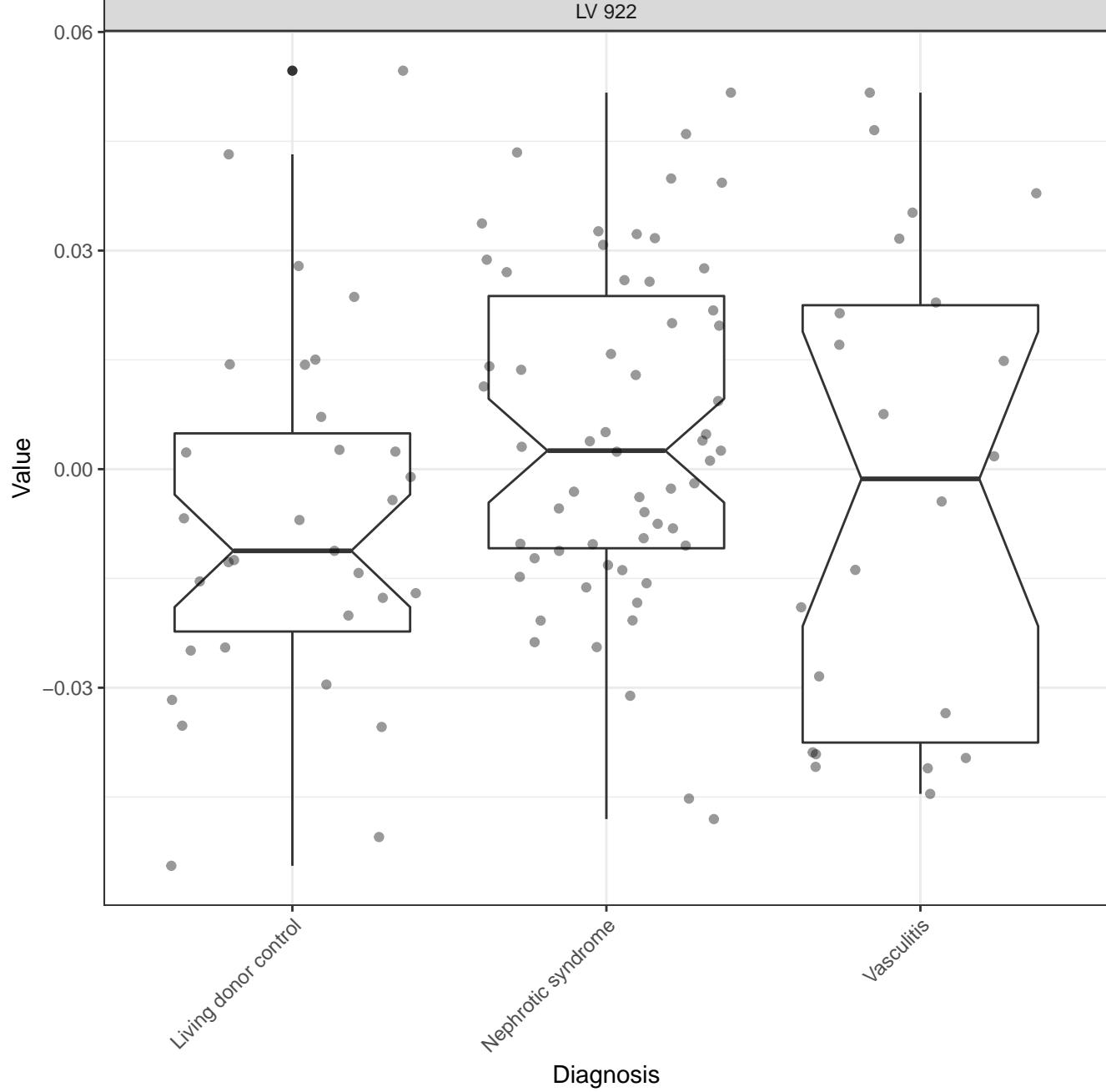
LV 920



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



LV 922



LV 923

Value

0.05

0.00

-0.05

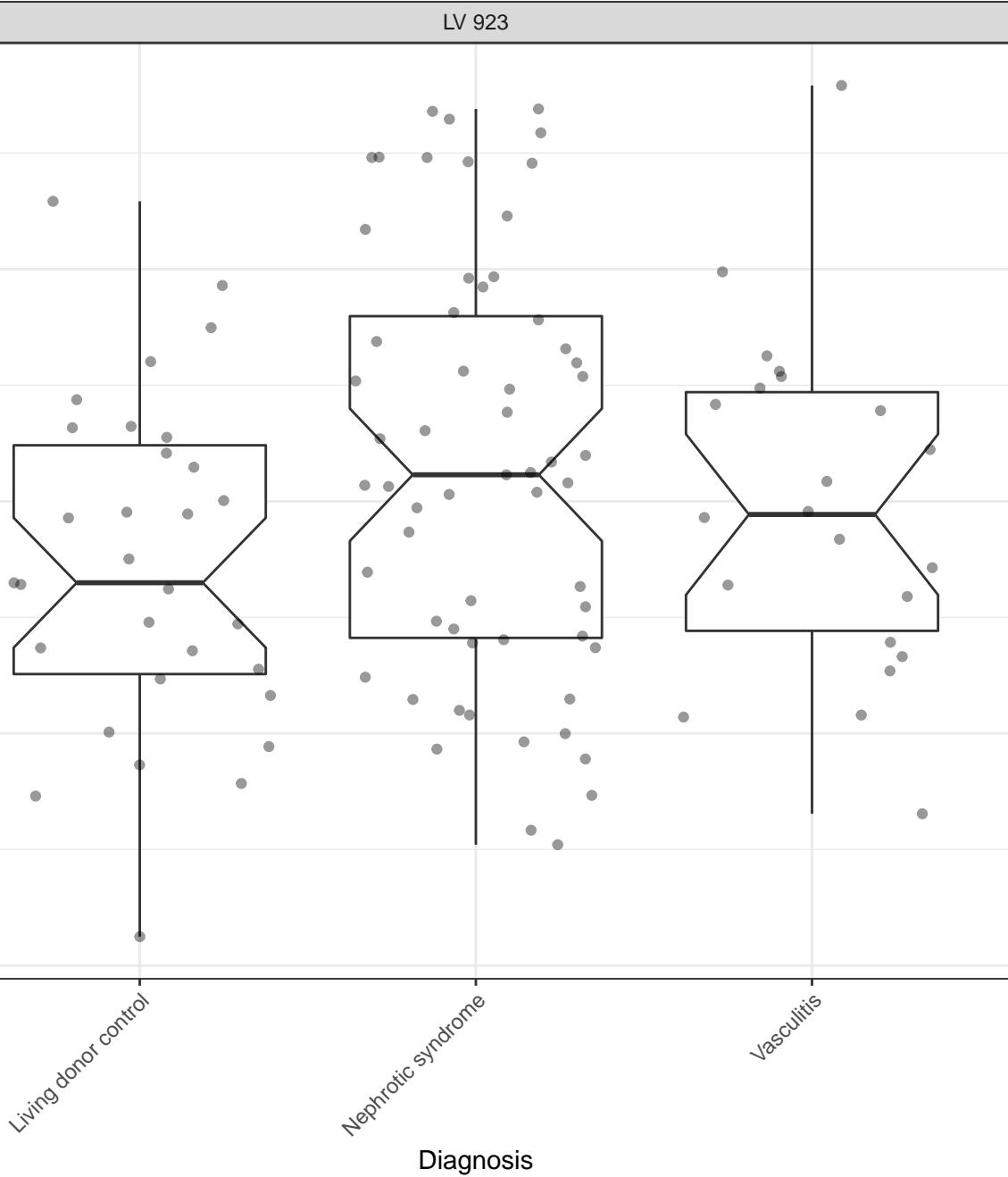
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 924

Value

0.05

0.01

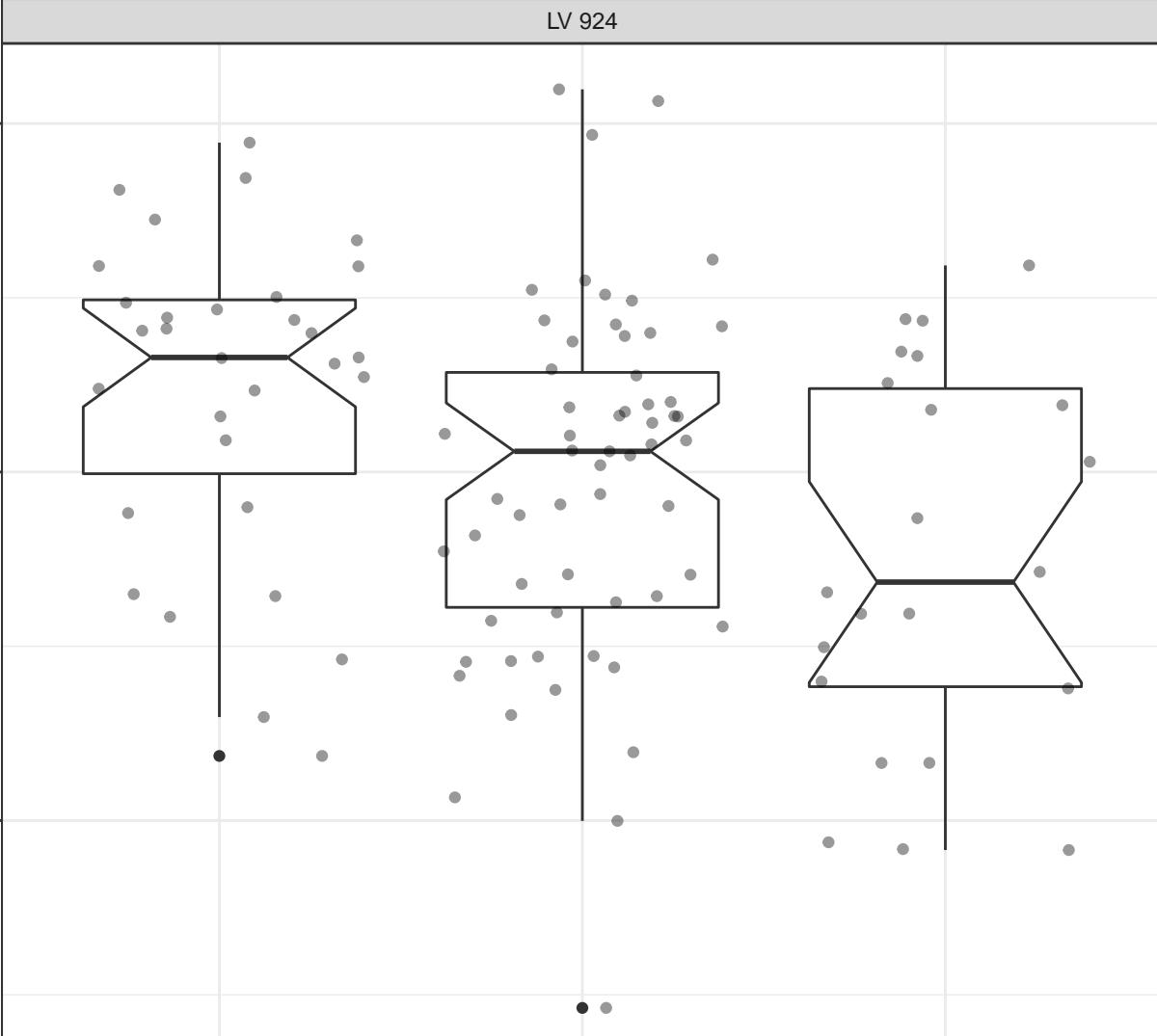
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 925

Value

0.10

0.05

-0.05

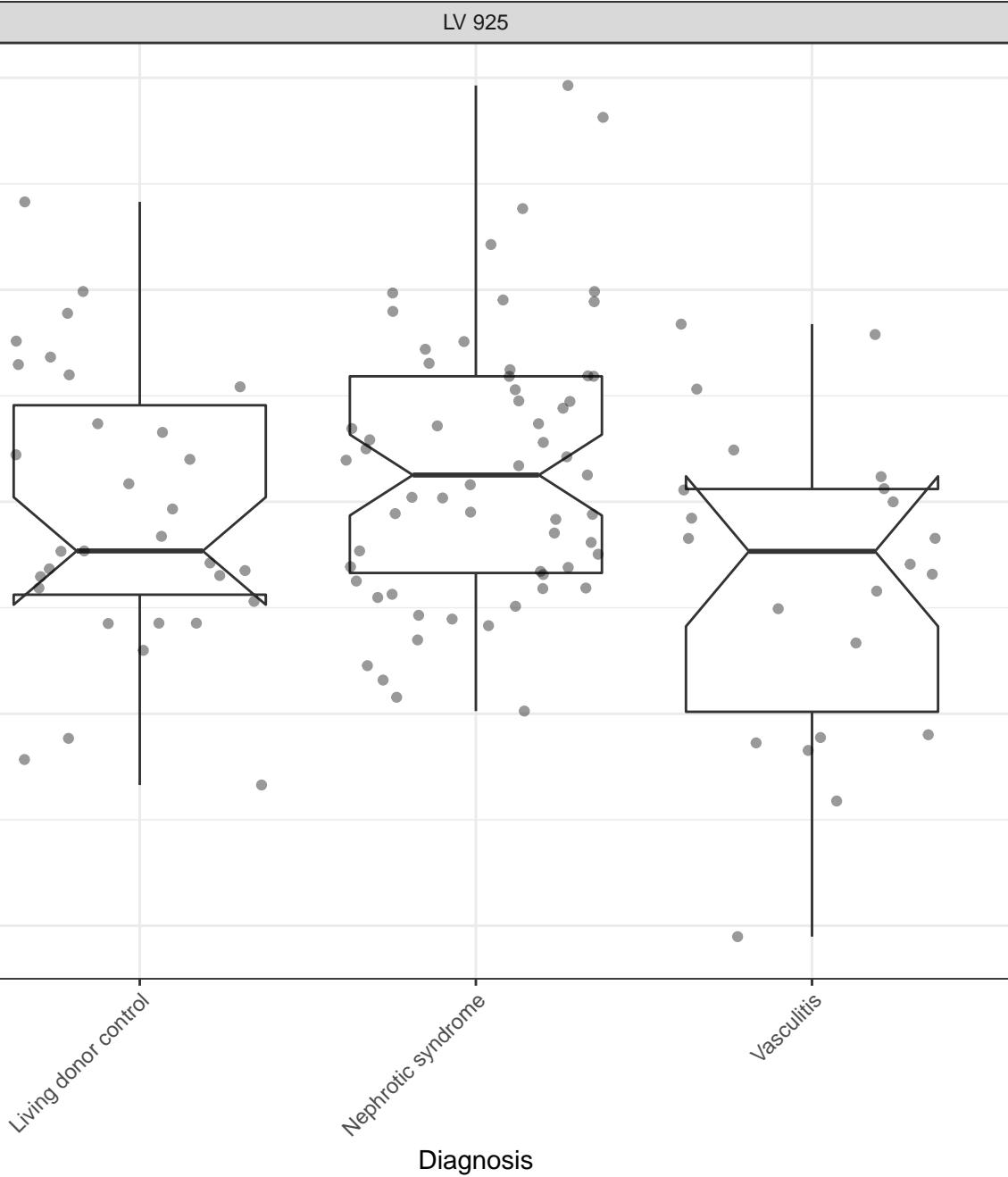
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 926

Value

0.05

0.00

-0.05

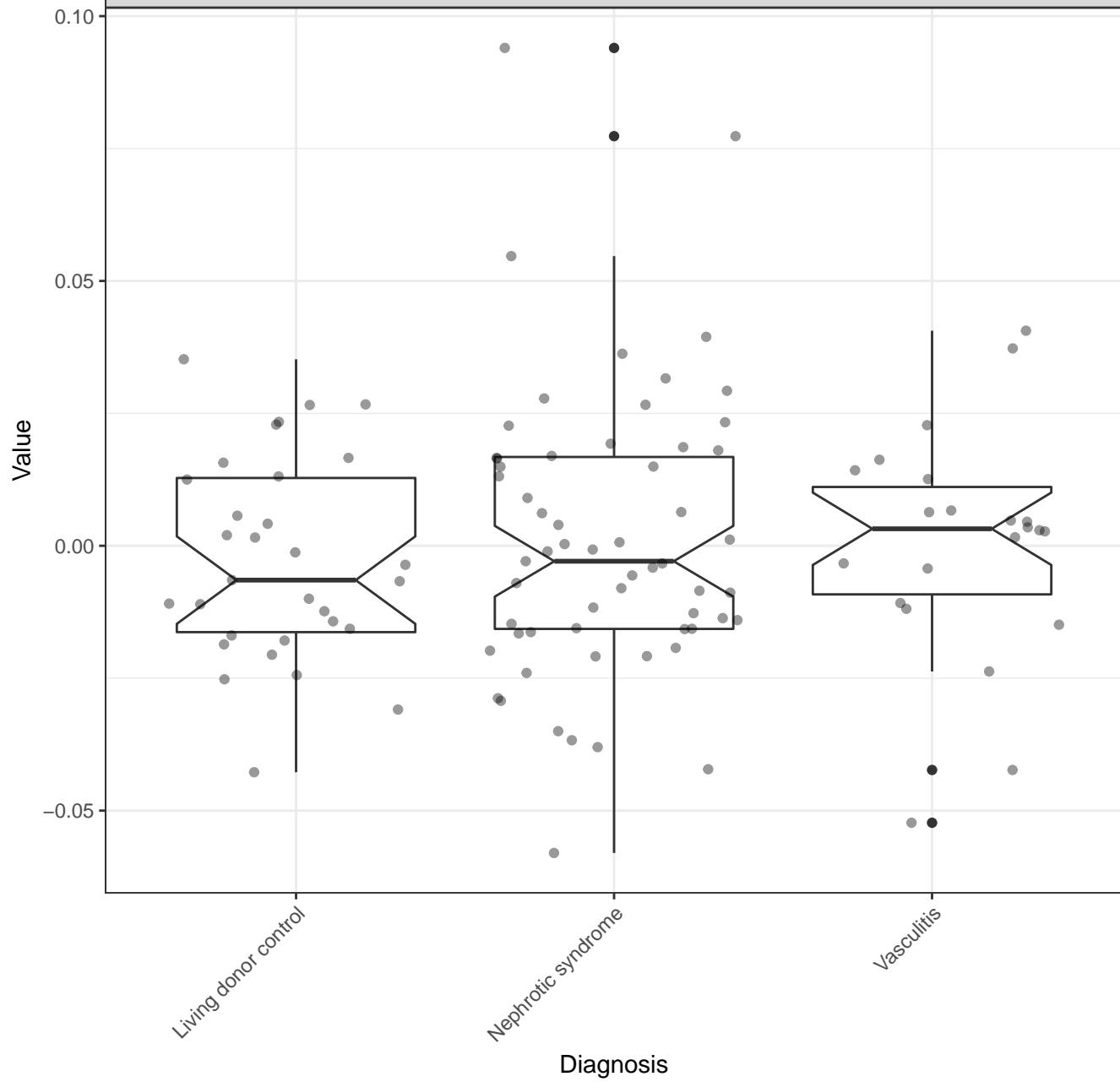
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 927



## 928,DMAP\_ERY3

Value

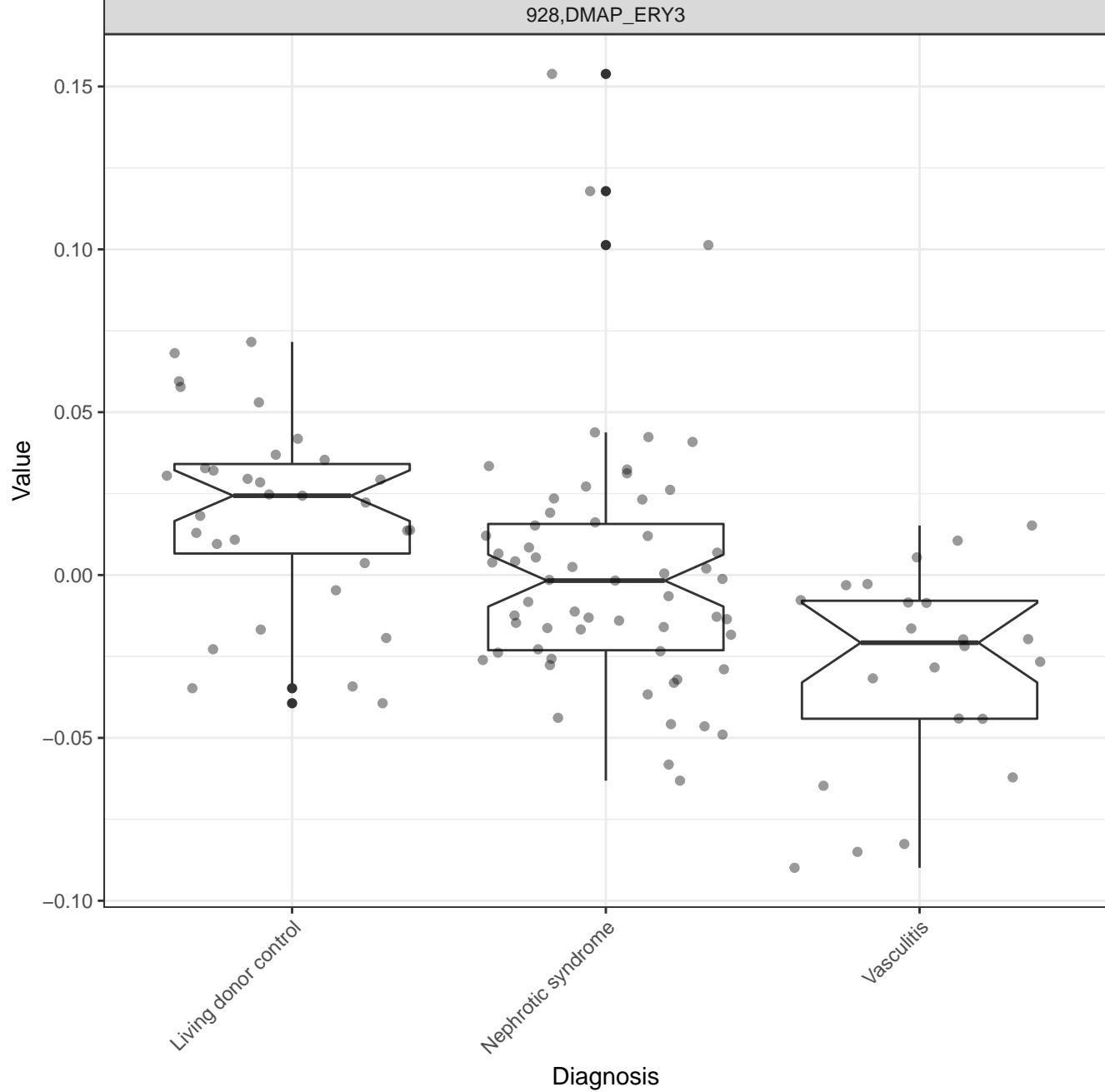
0.15  
0.10  
0.05  
0.00  
-0.05  
-0.10

Living donor control

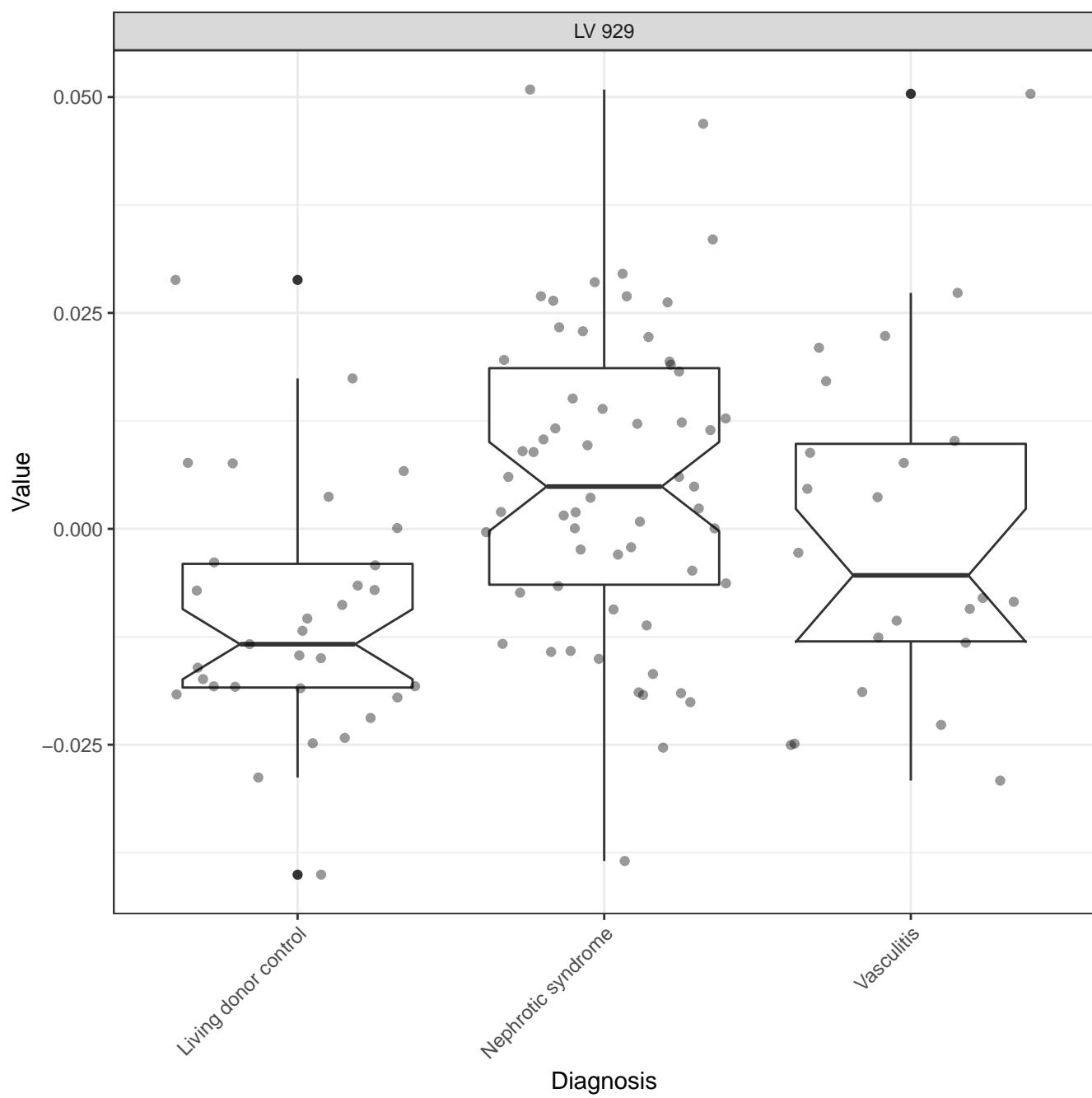
Nephrotic syndrome

Vasculitis

Diagnosis



LV 929



LV 930

Value

0.05

0.00

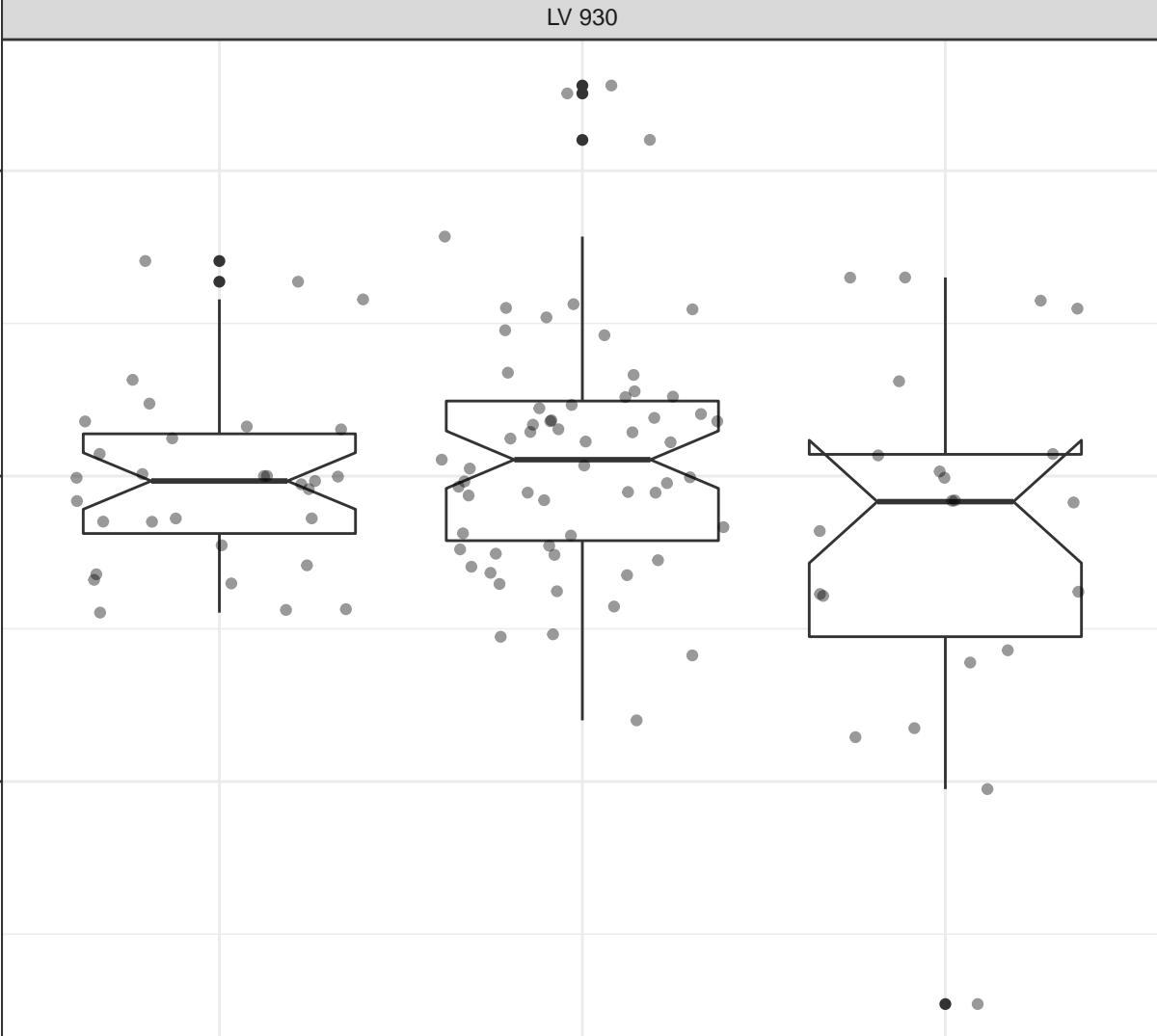
-0.05

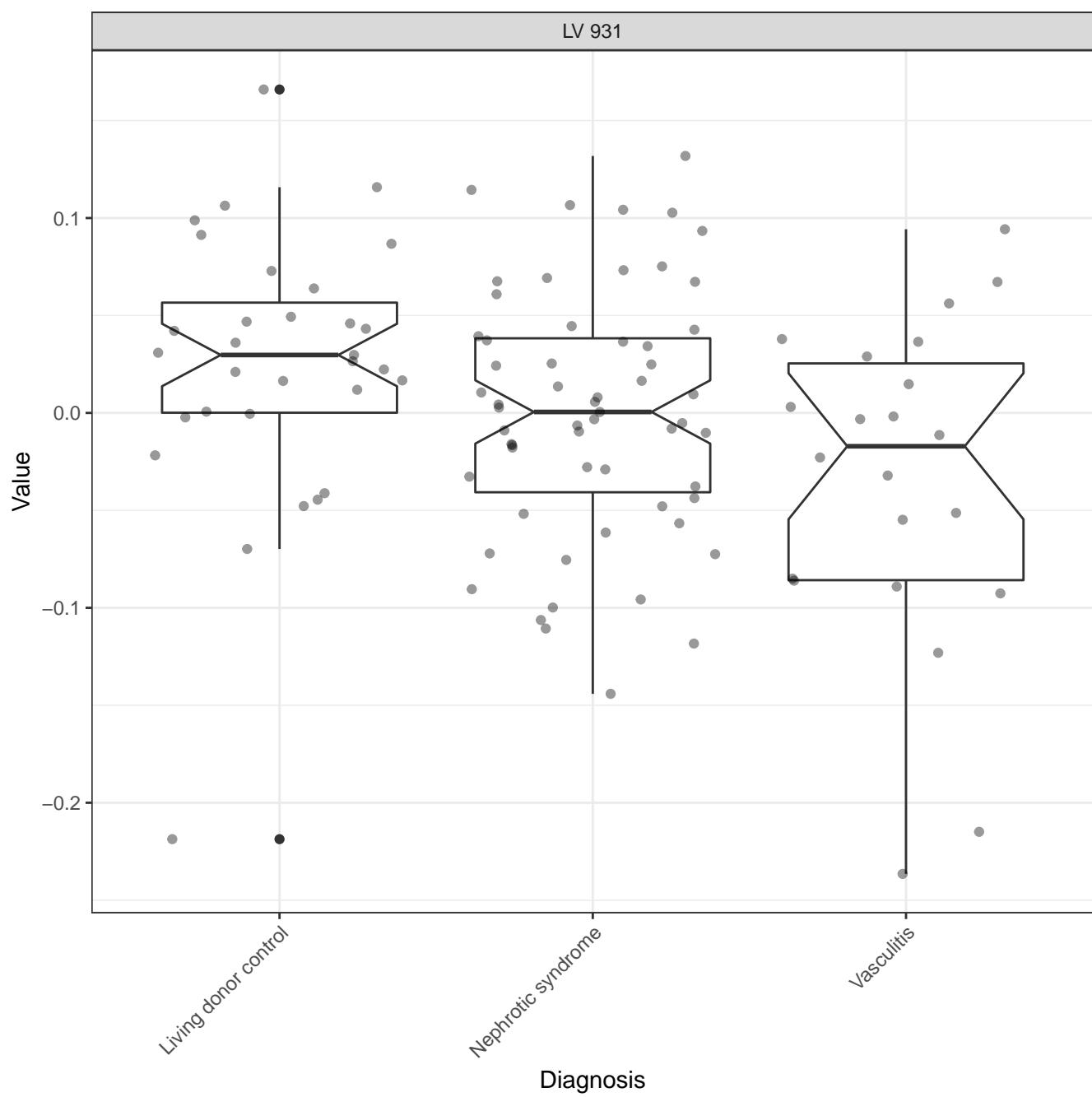
Living donor control

Nephrotic syndrome

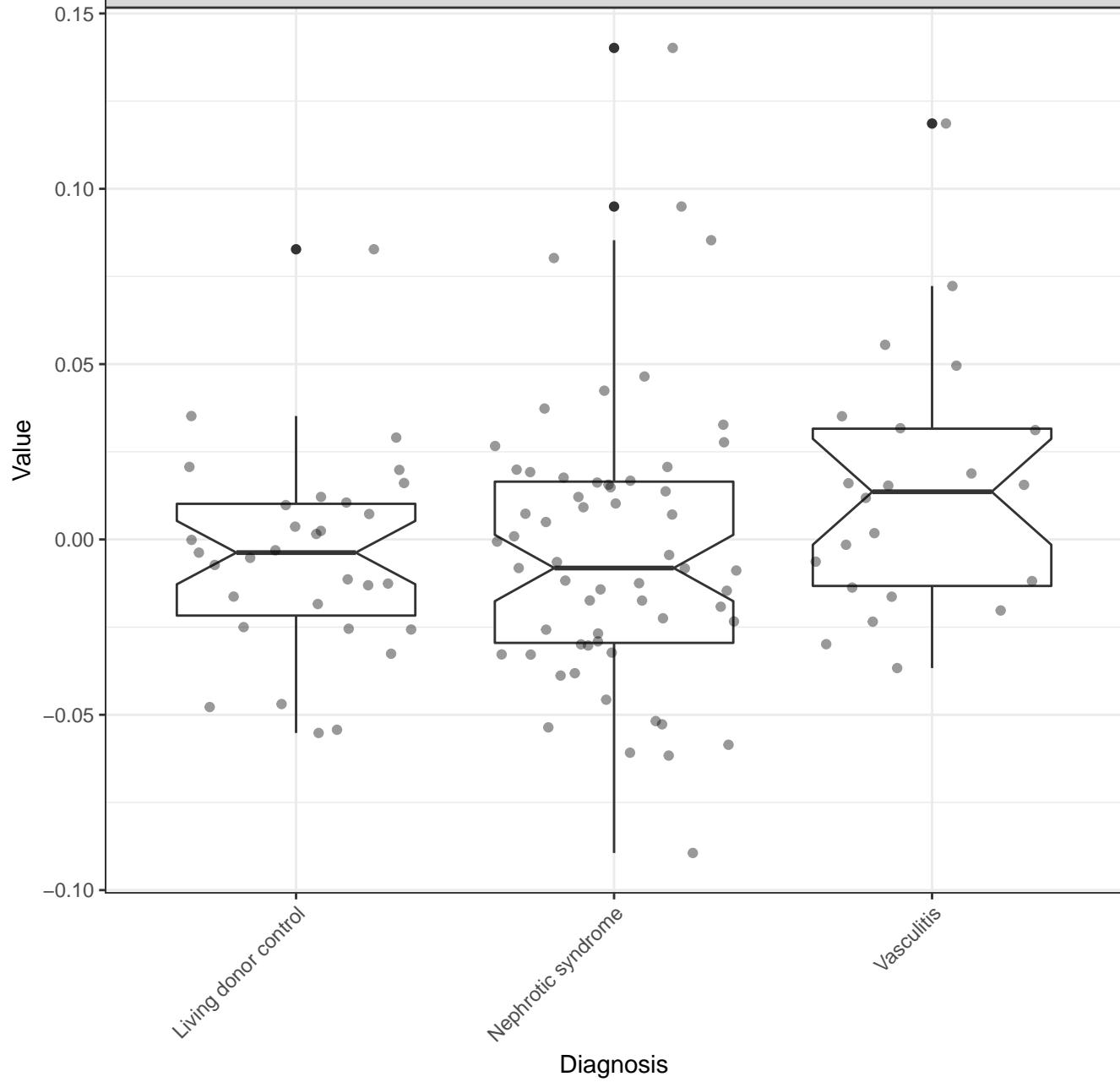
Vasculitis

Diagnosis

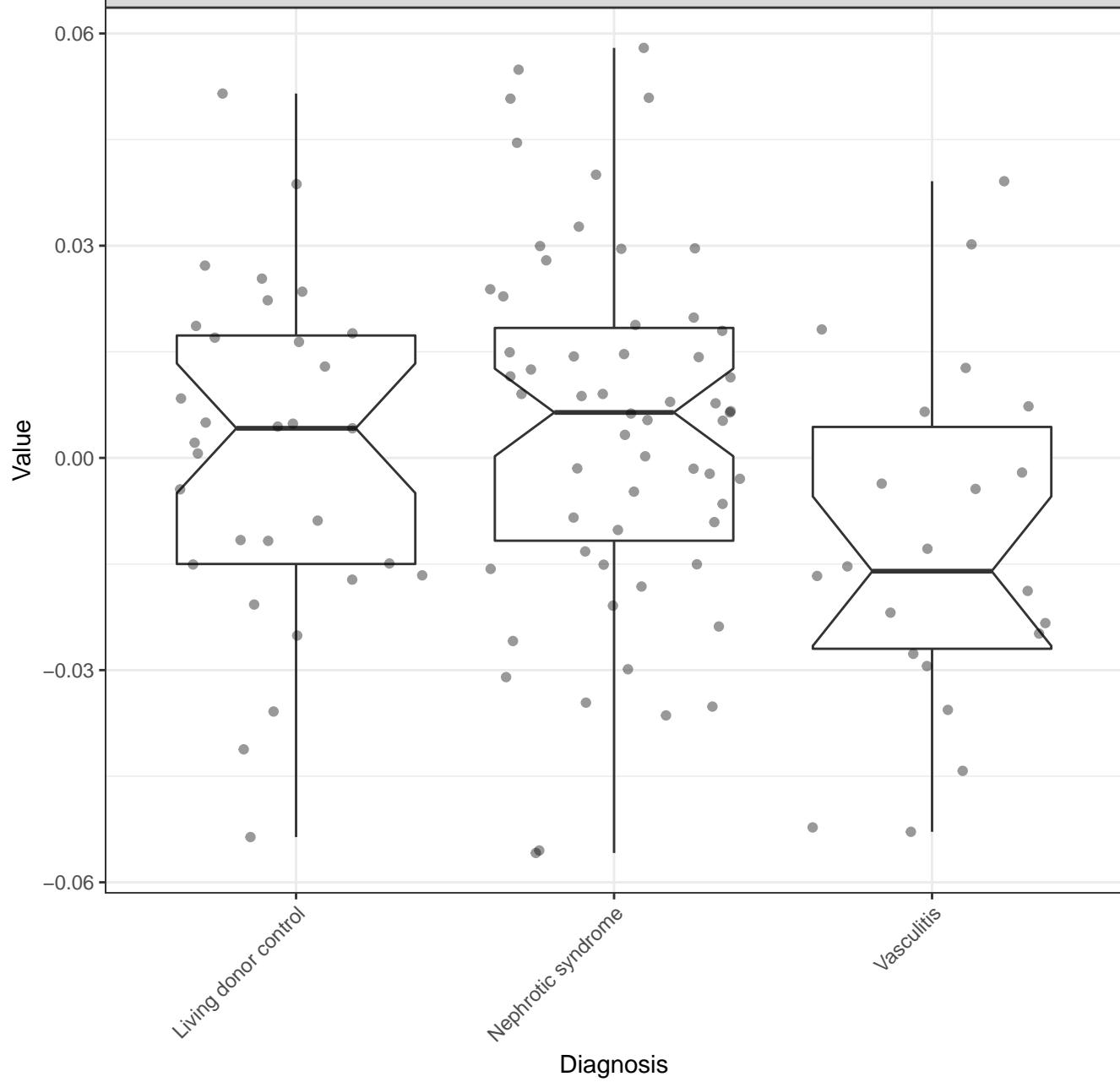




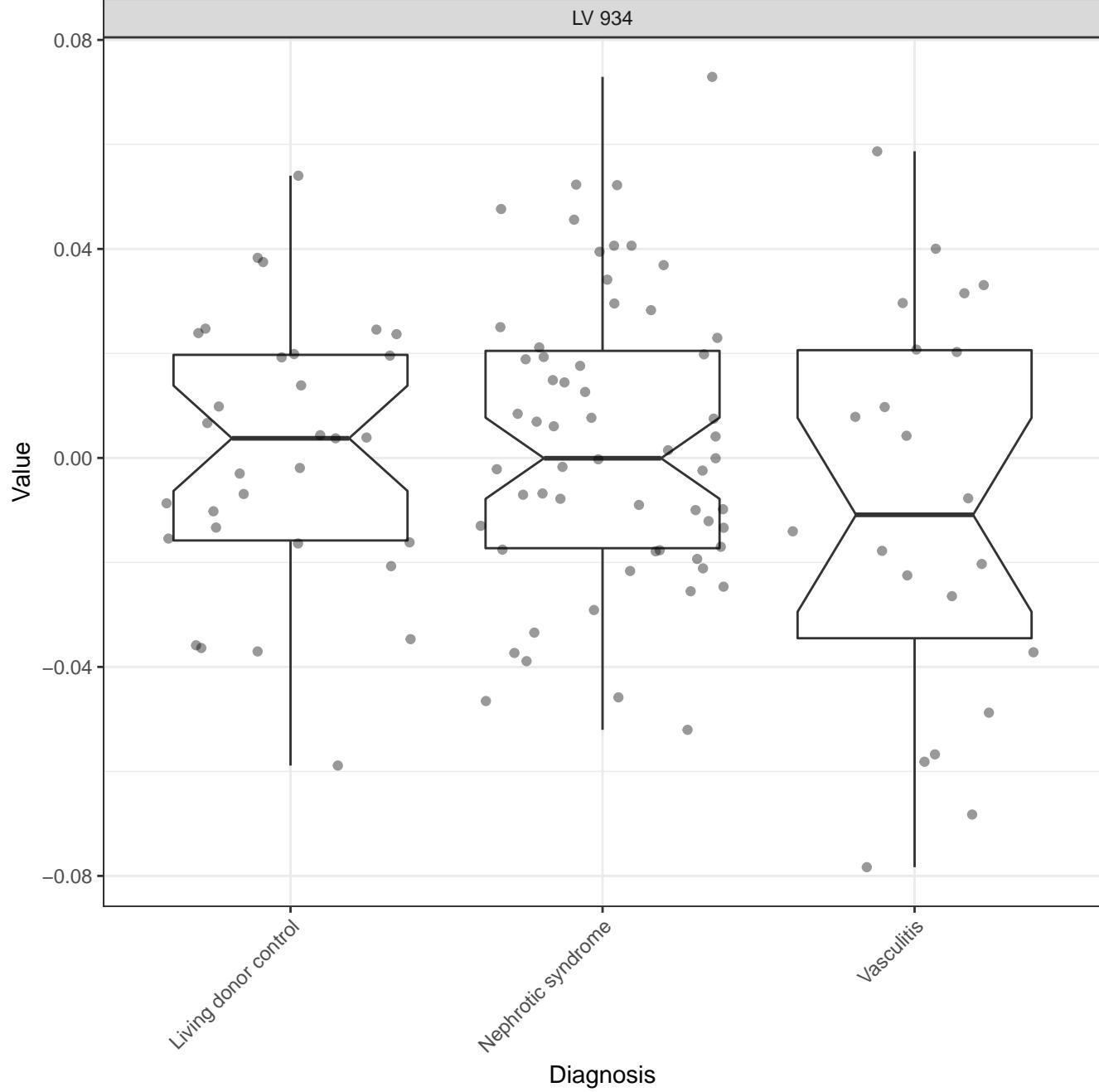
## 932,SVM T cells follicular helper



LV 933



LV 934



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

Value

0.025

0.000

-0.025

-0.050

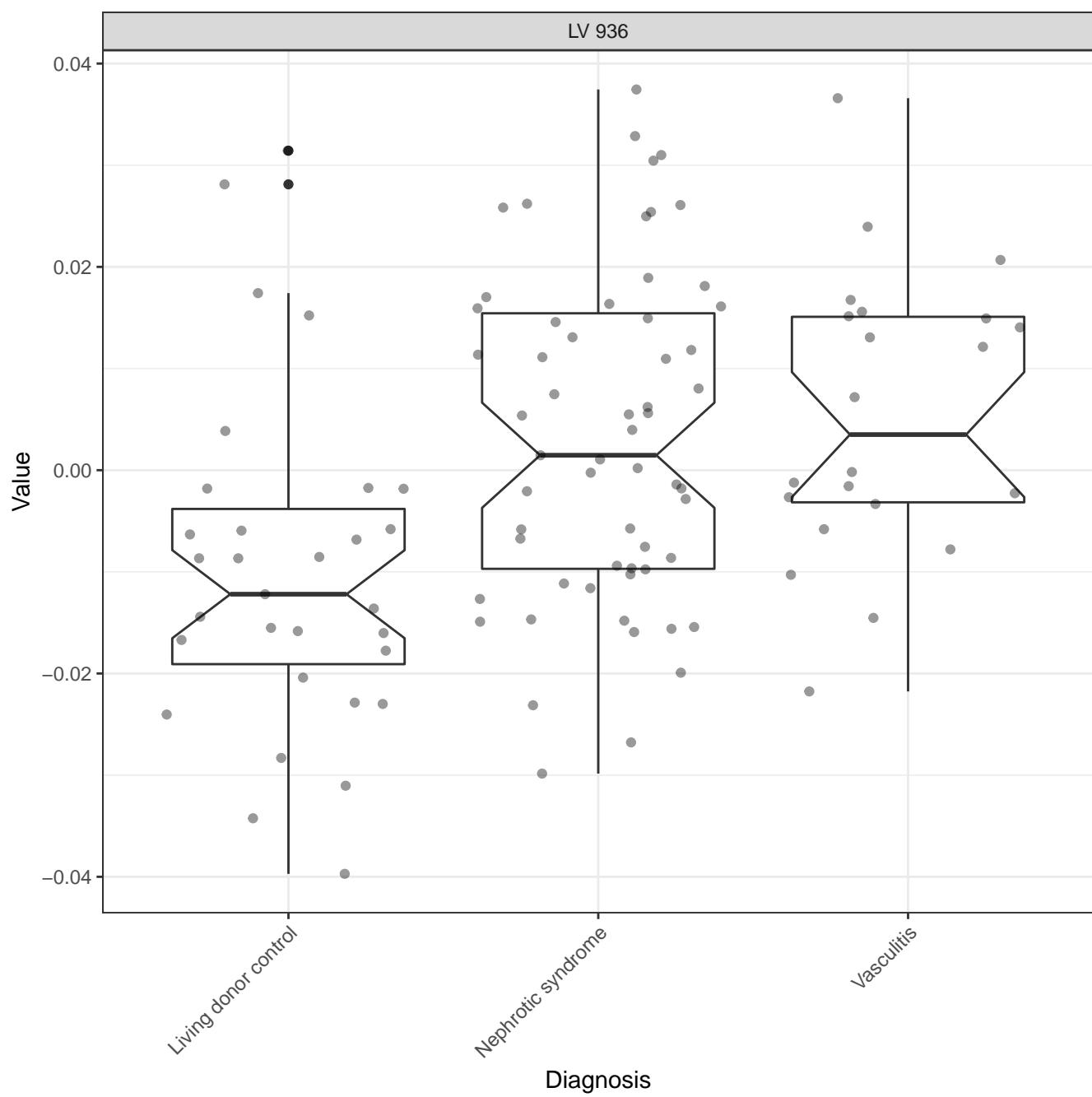
Living donor control

Nephrotic syndrome

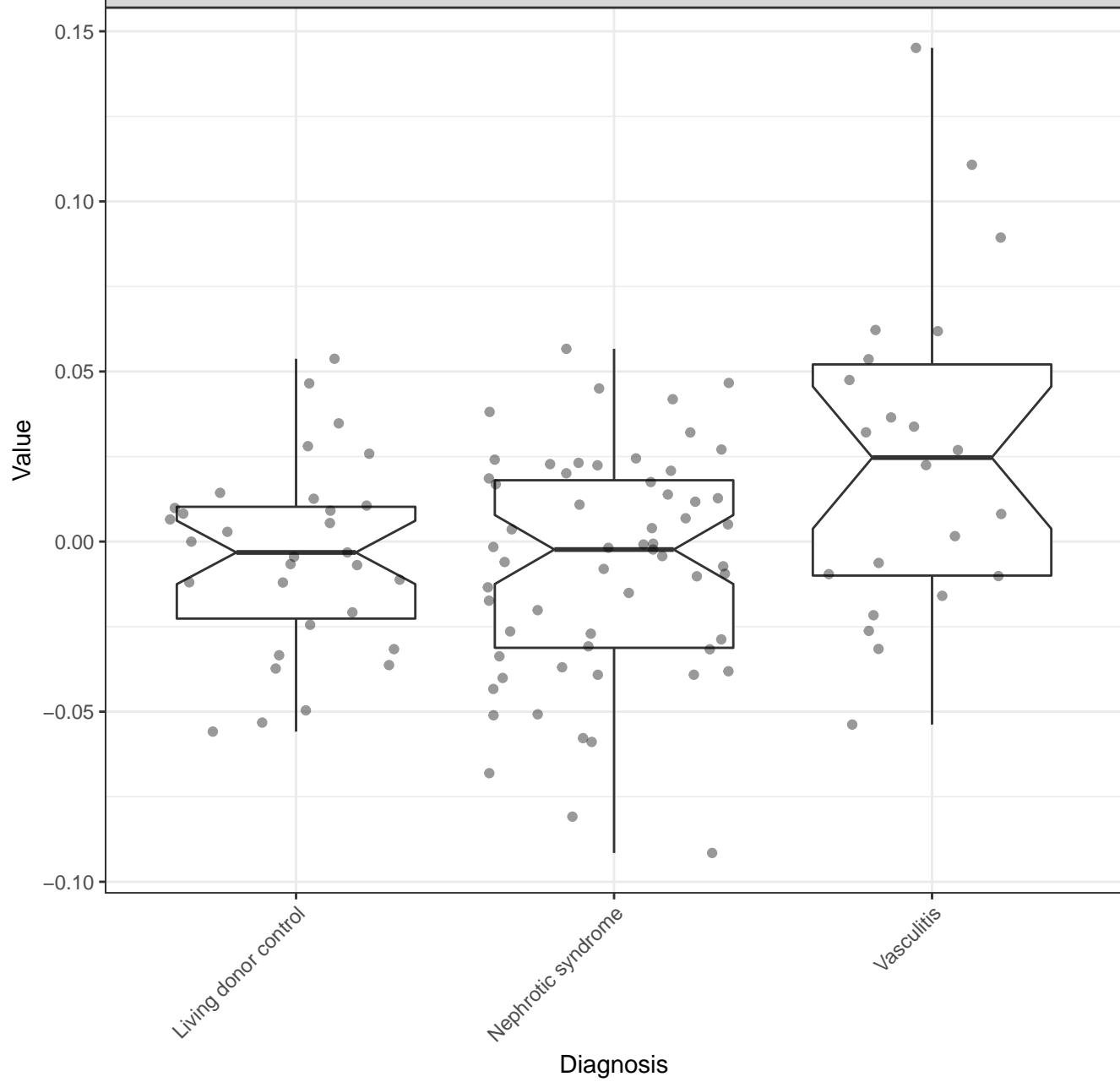
Vasculitis

Diagnosis

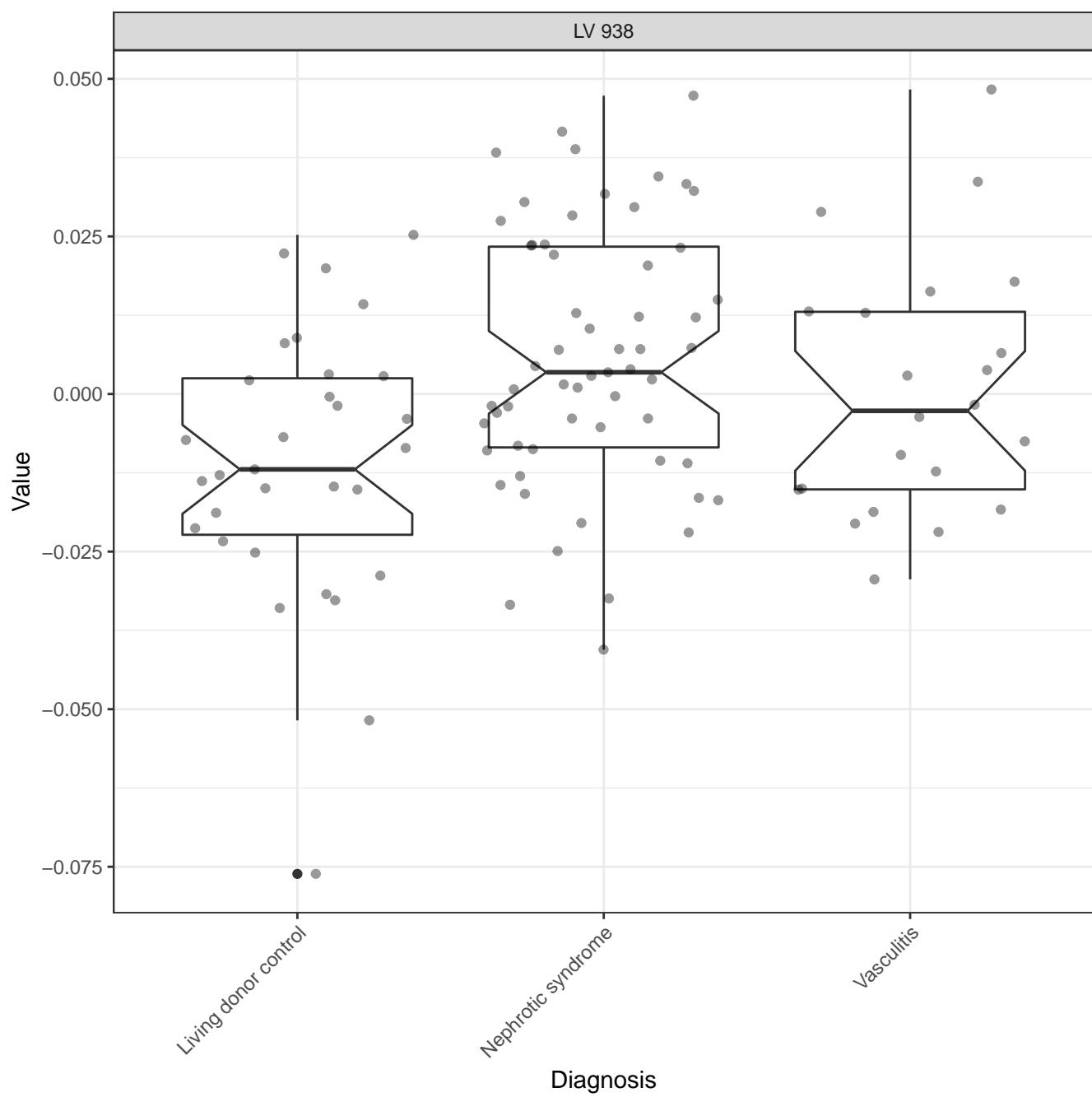
LV 936



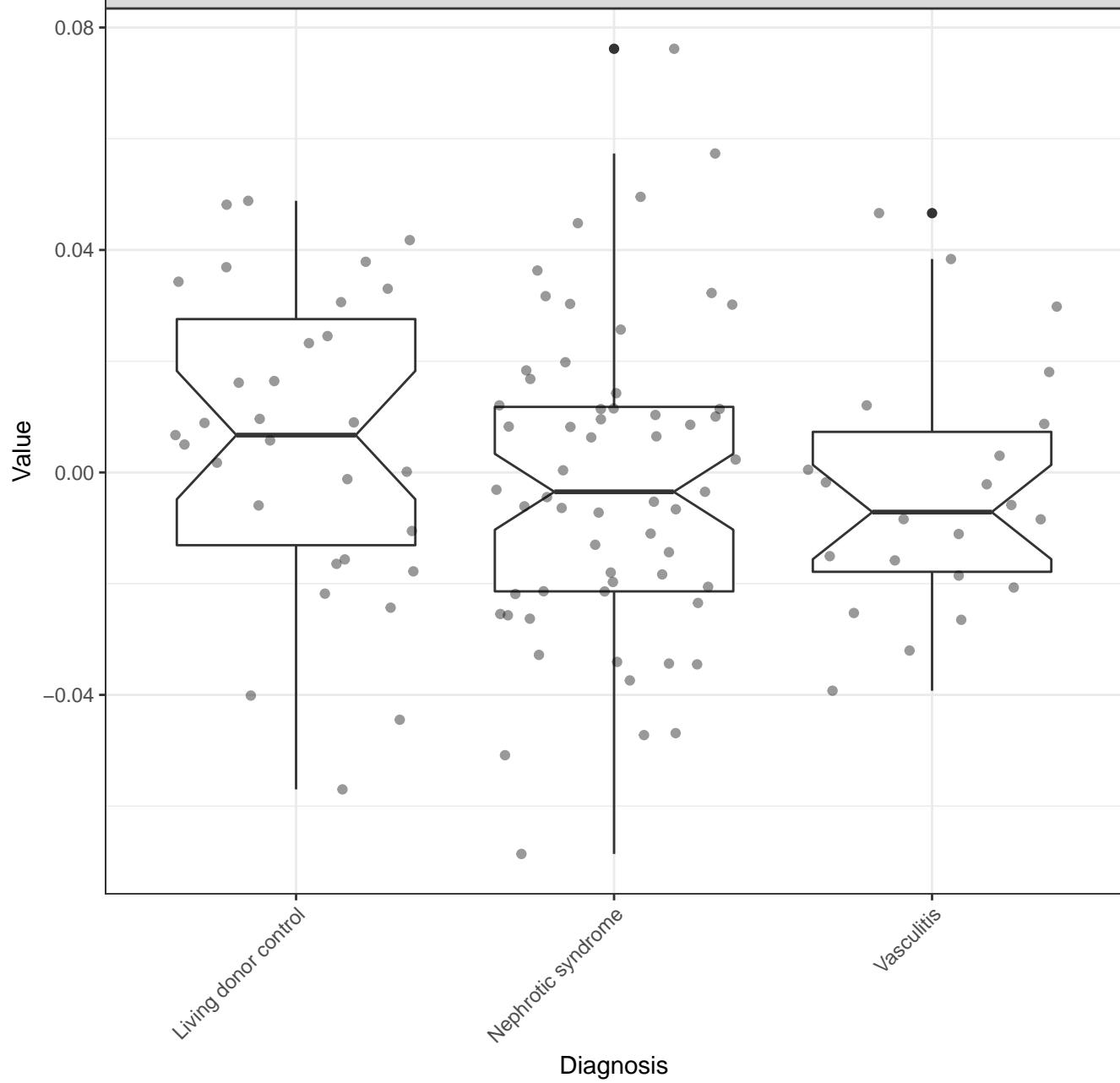
## 937,PID\_HIF1\_TFPATHWAY



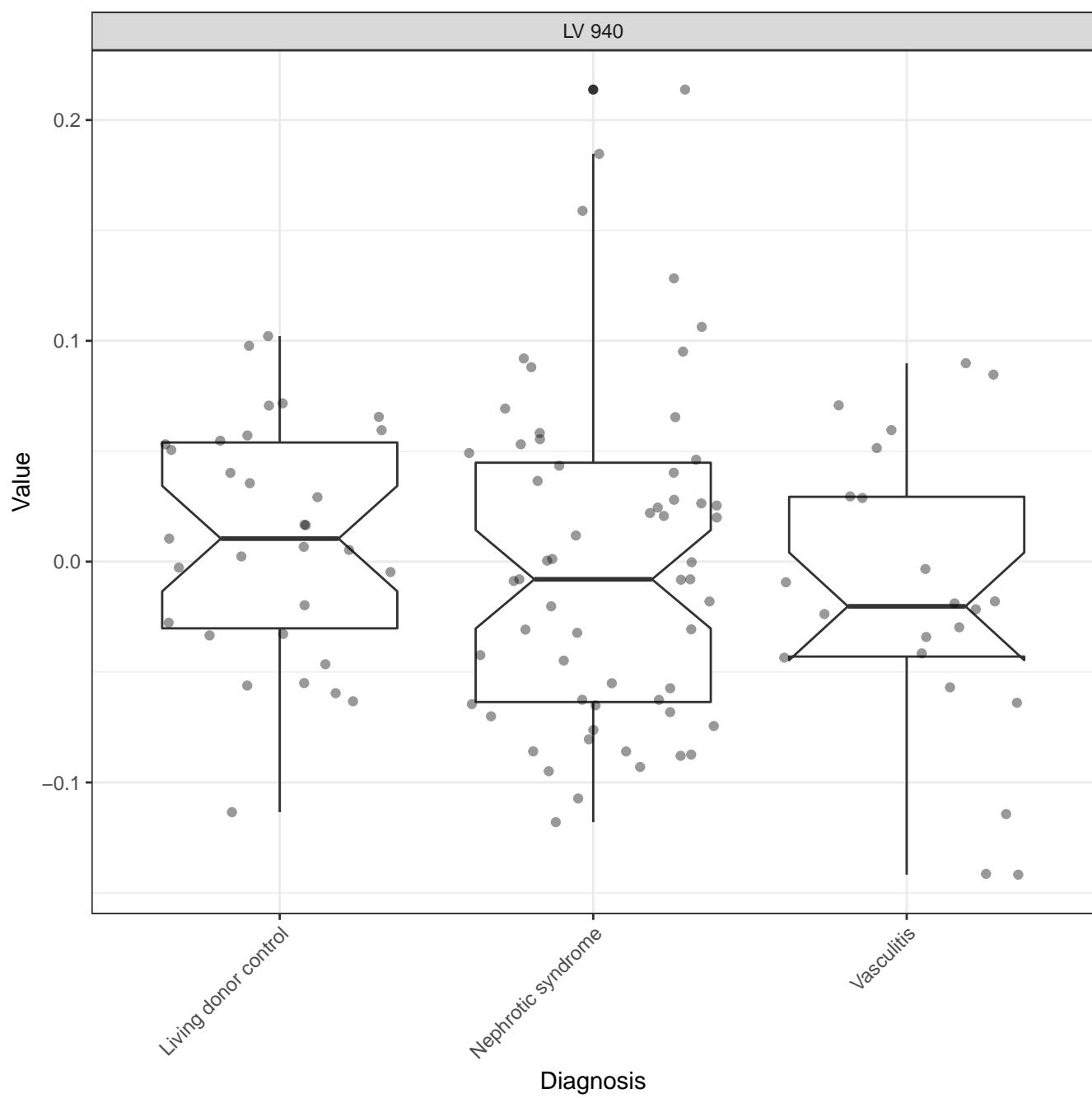
LV 938



LV 939



LV 940



LV 941

Value

0.10

0.05

0.00

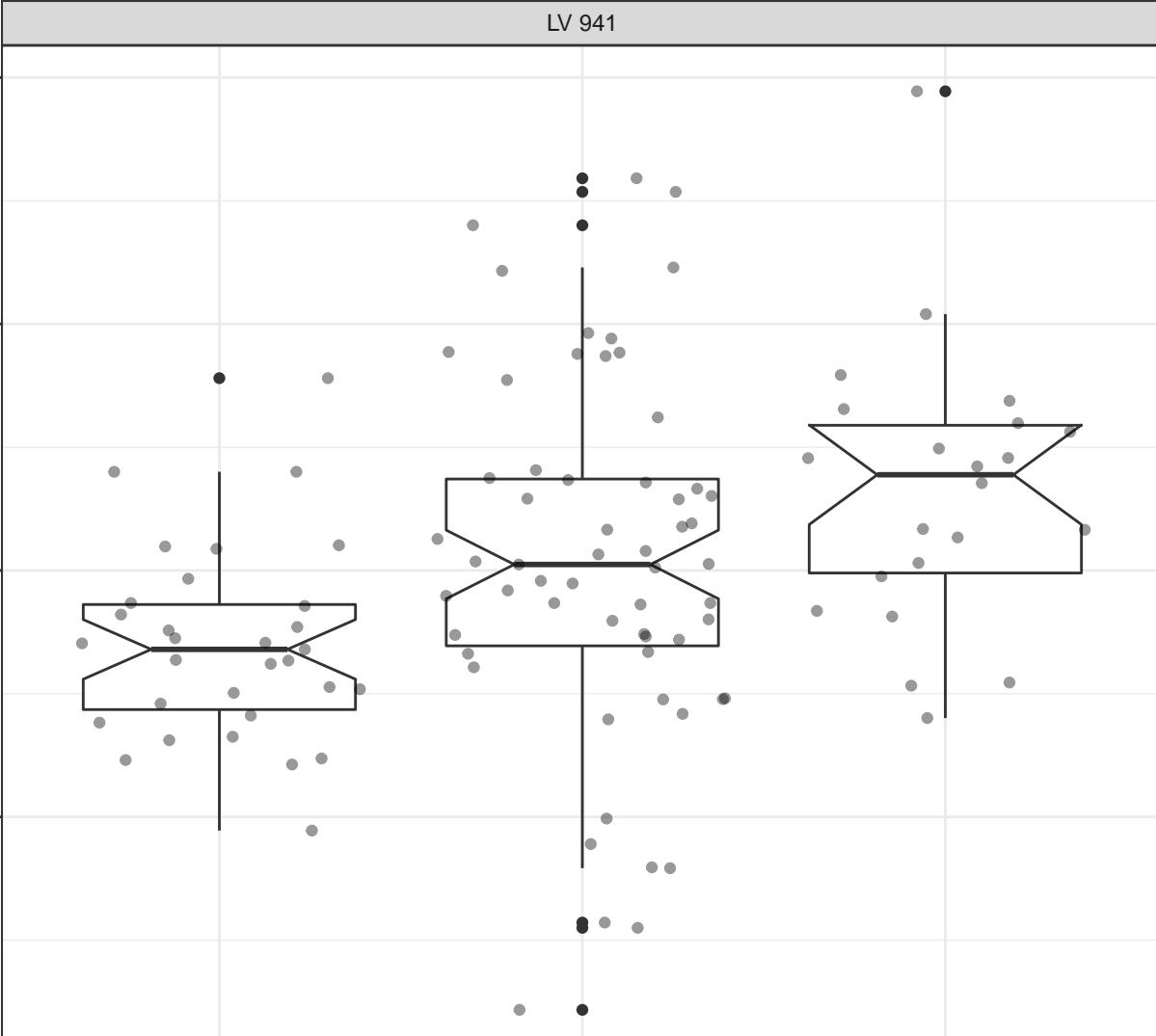
-0.05

Living donor control

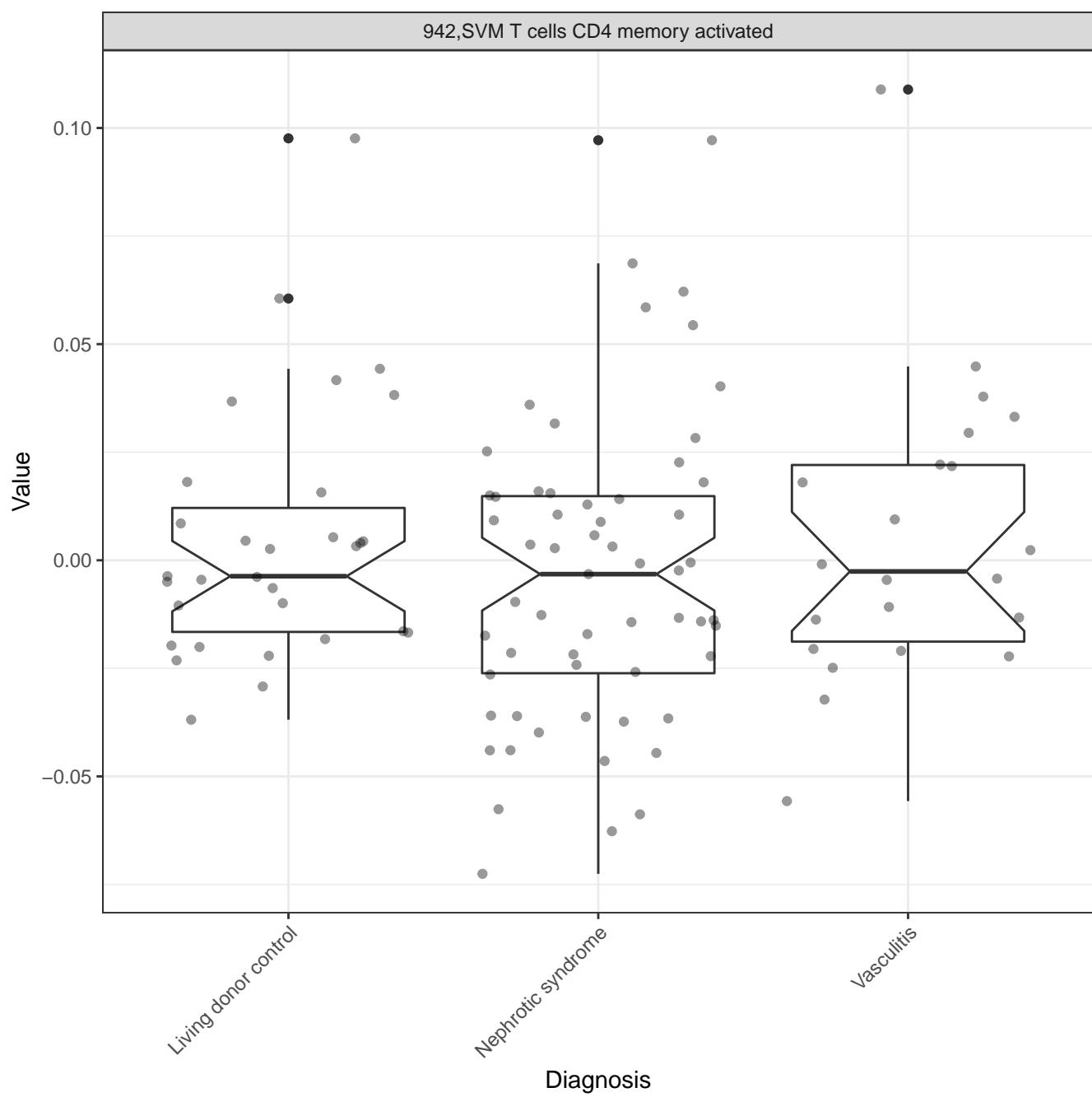
Nephrotic syndrome

Vasculitis

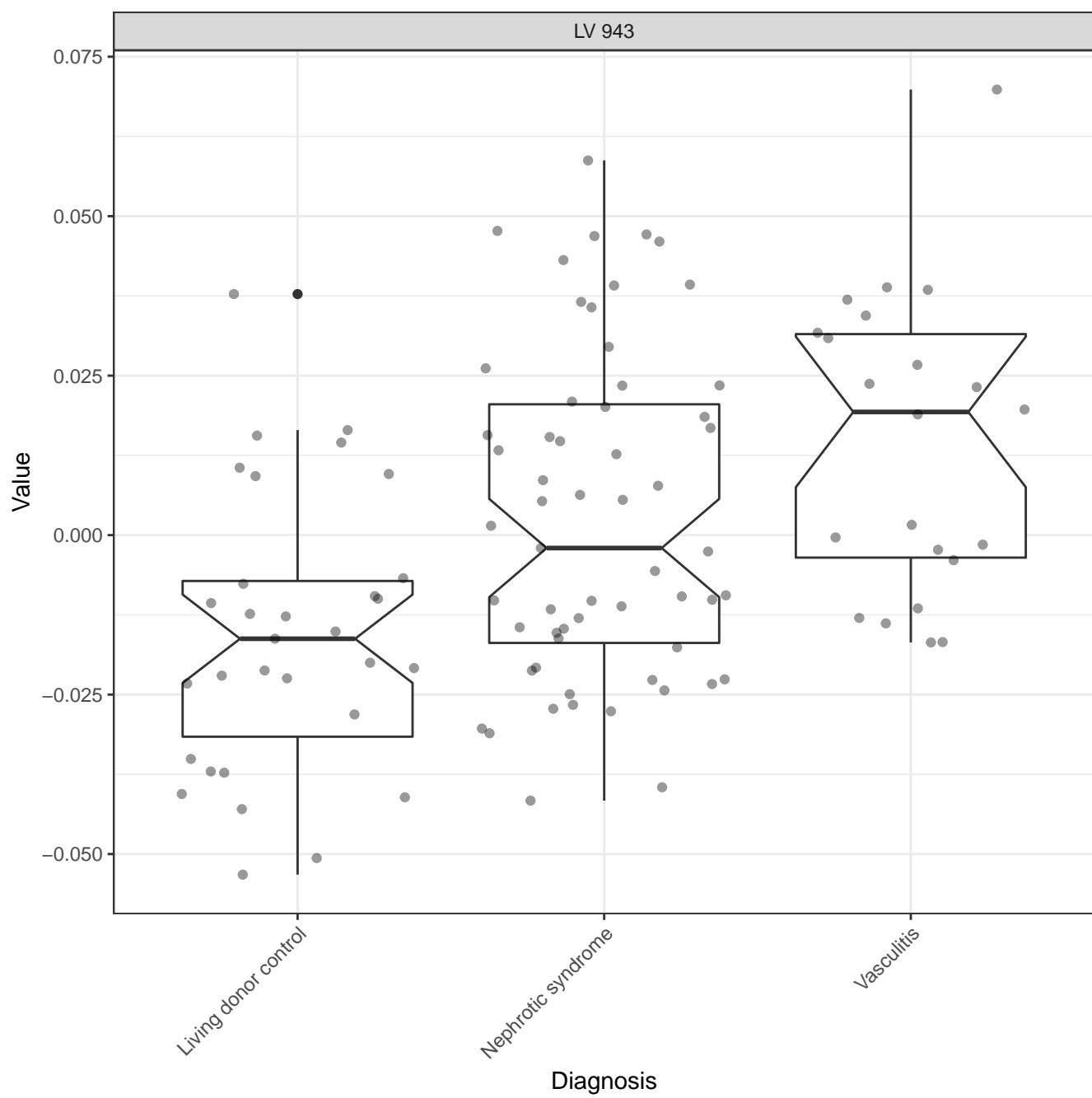
Diagnosis



## 942,SVM T cells CD4 memory activated



LV 943



Value

0.05

0.00

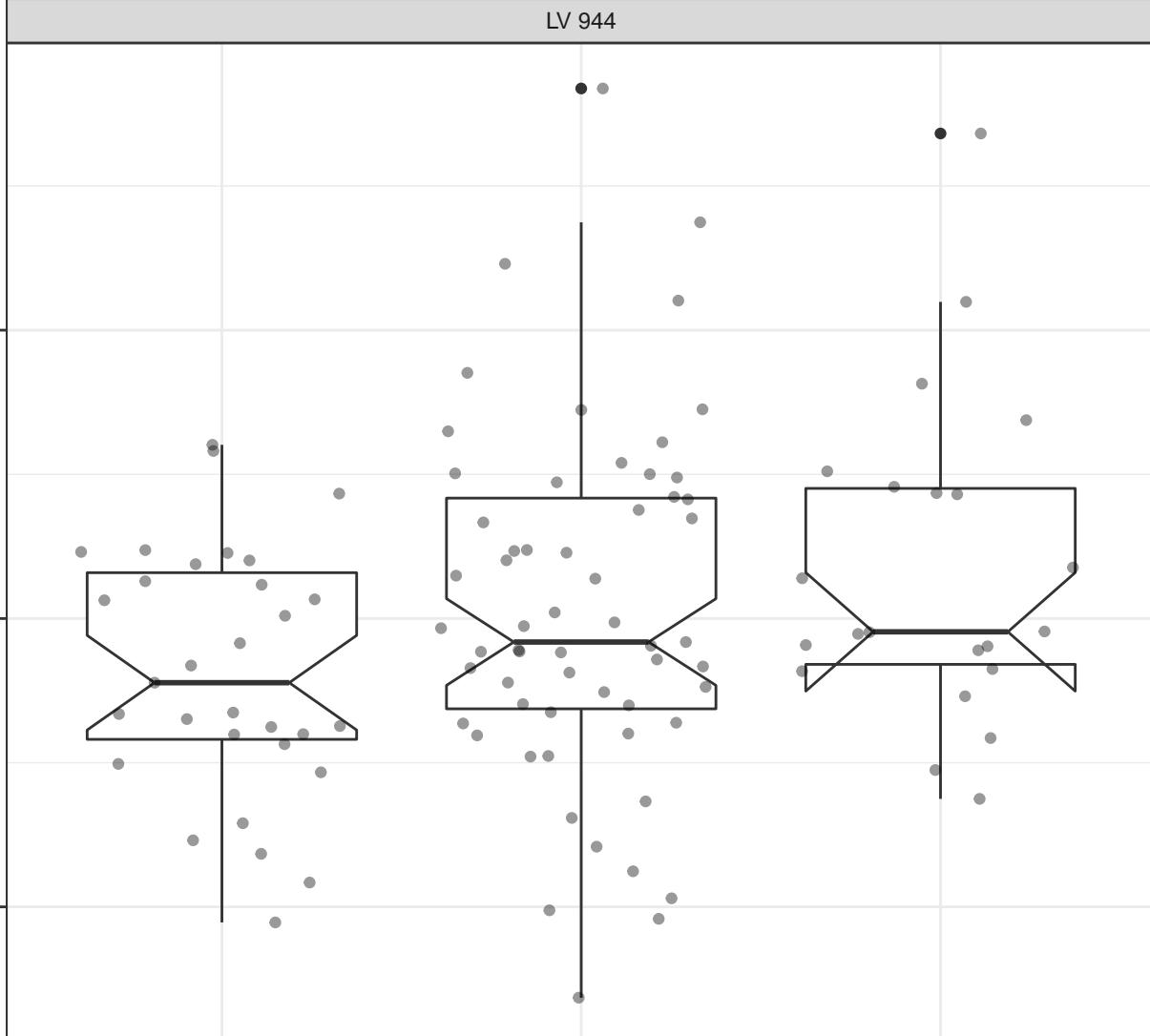
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 945

Value

0.05

0.00

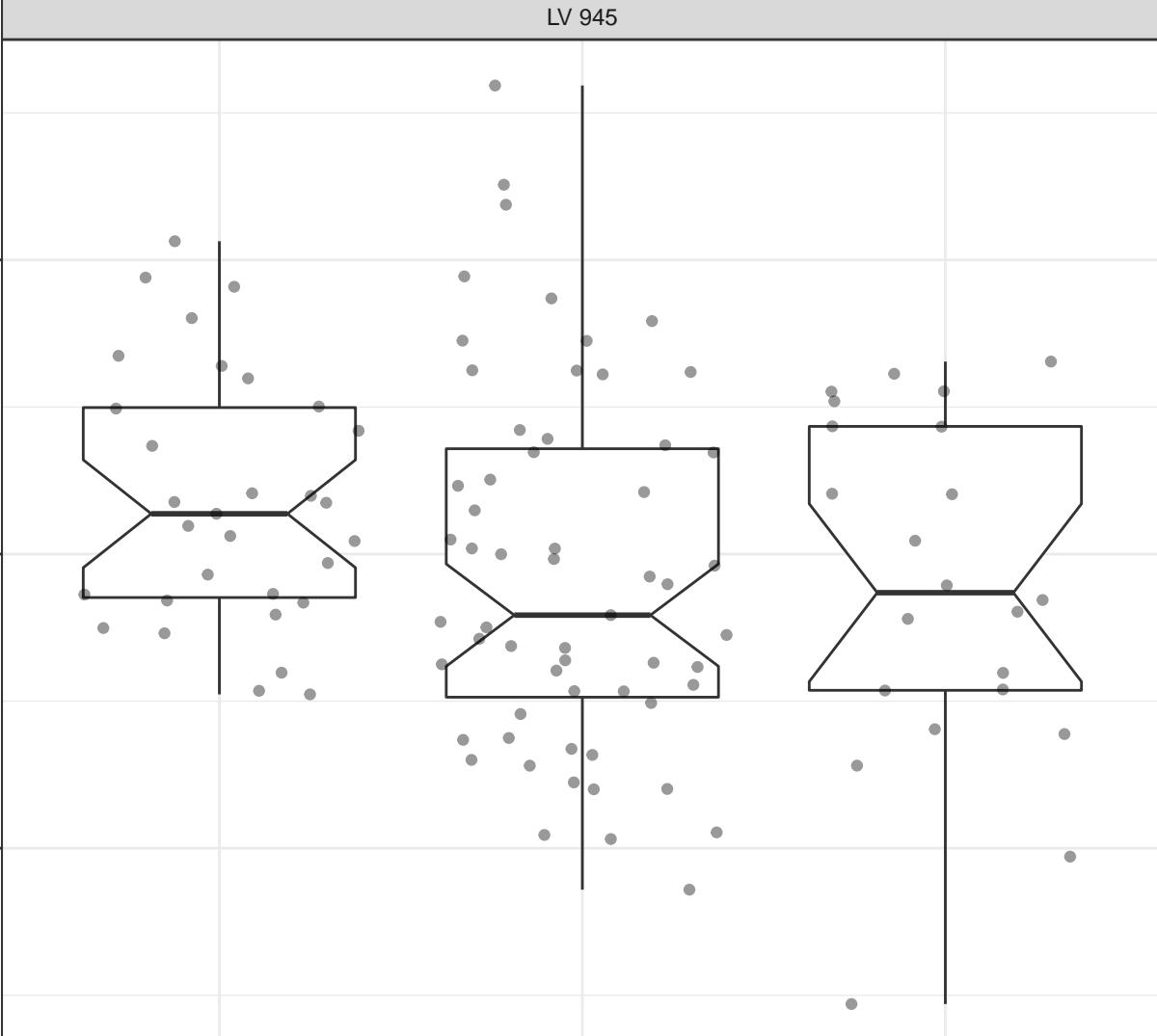
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 946

Value

0.04

0.01

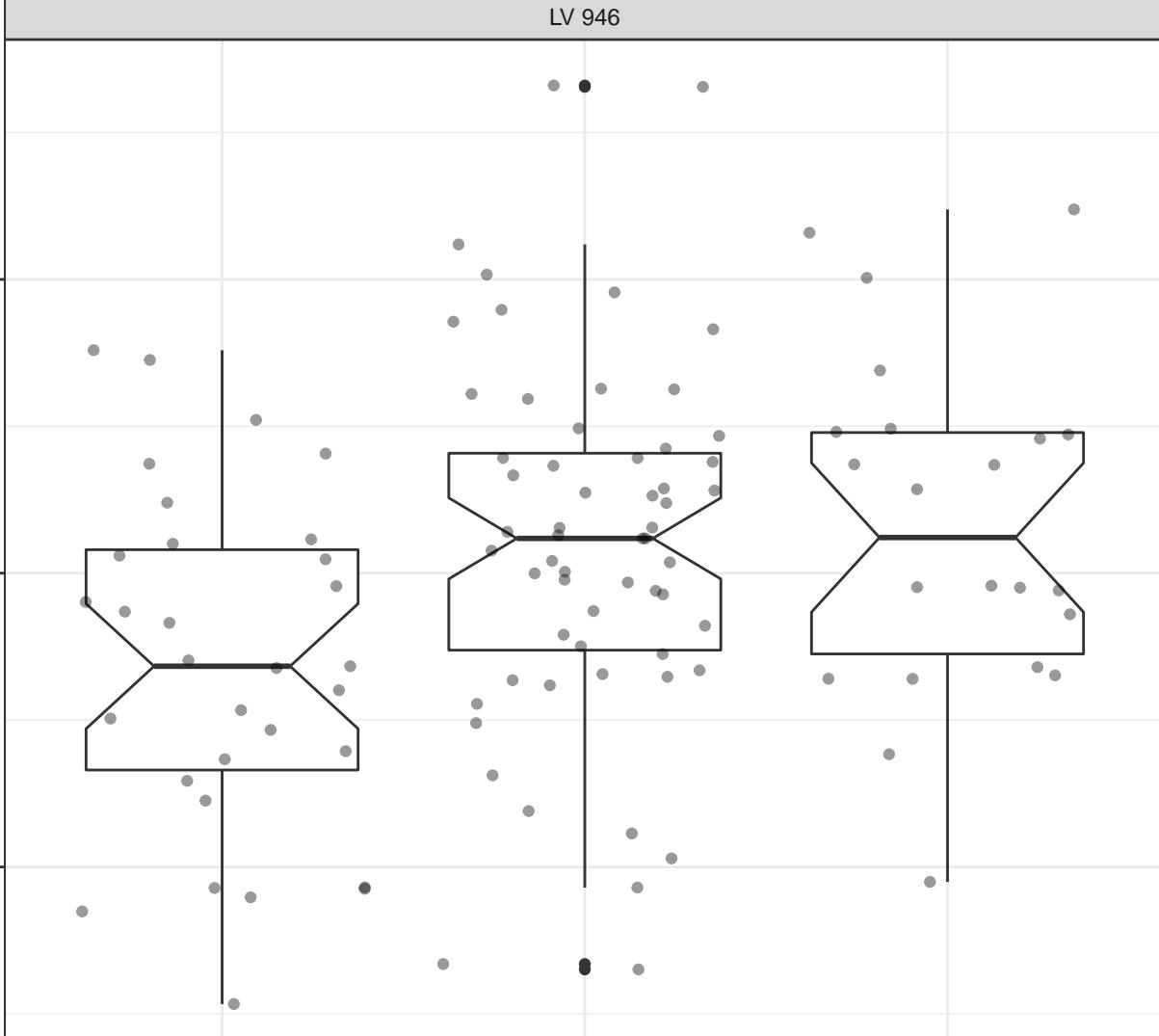
-0.04

Living donor control

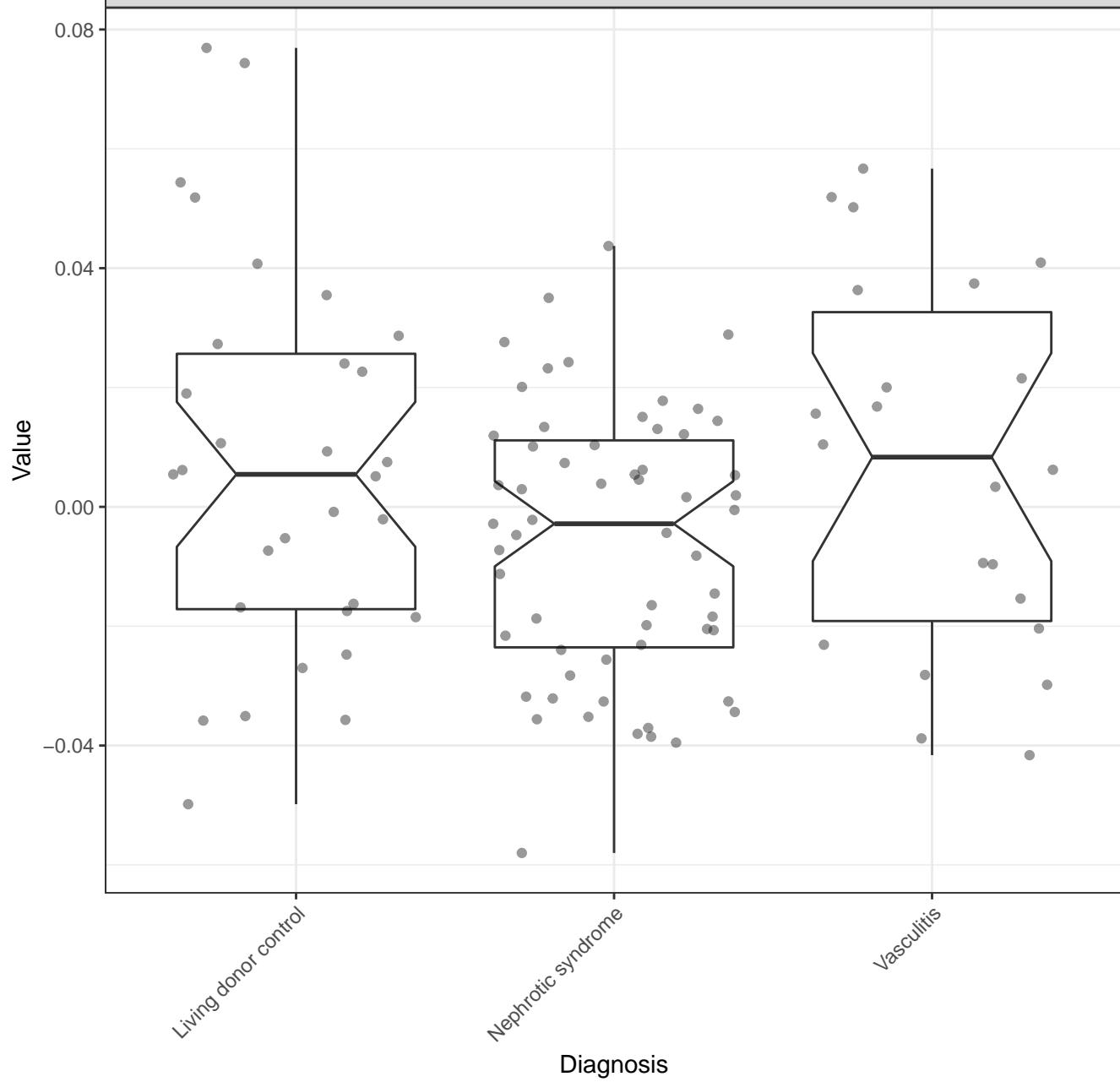
Nephrotic syndrome

Vasculitis

Diagnosis



LV 947



LV 948

Value

0.08

0.04

0.00

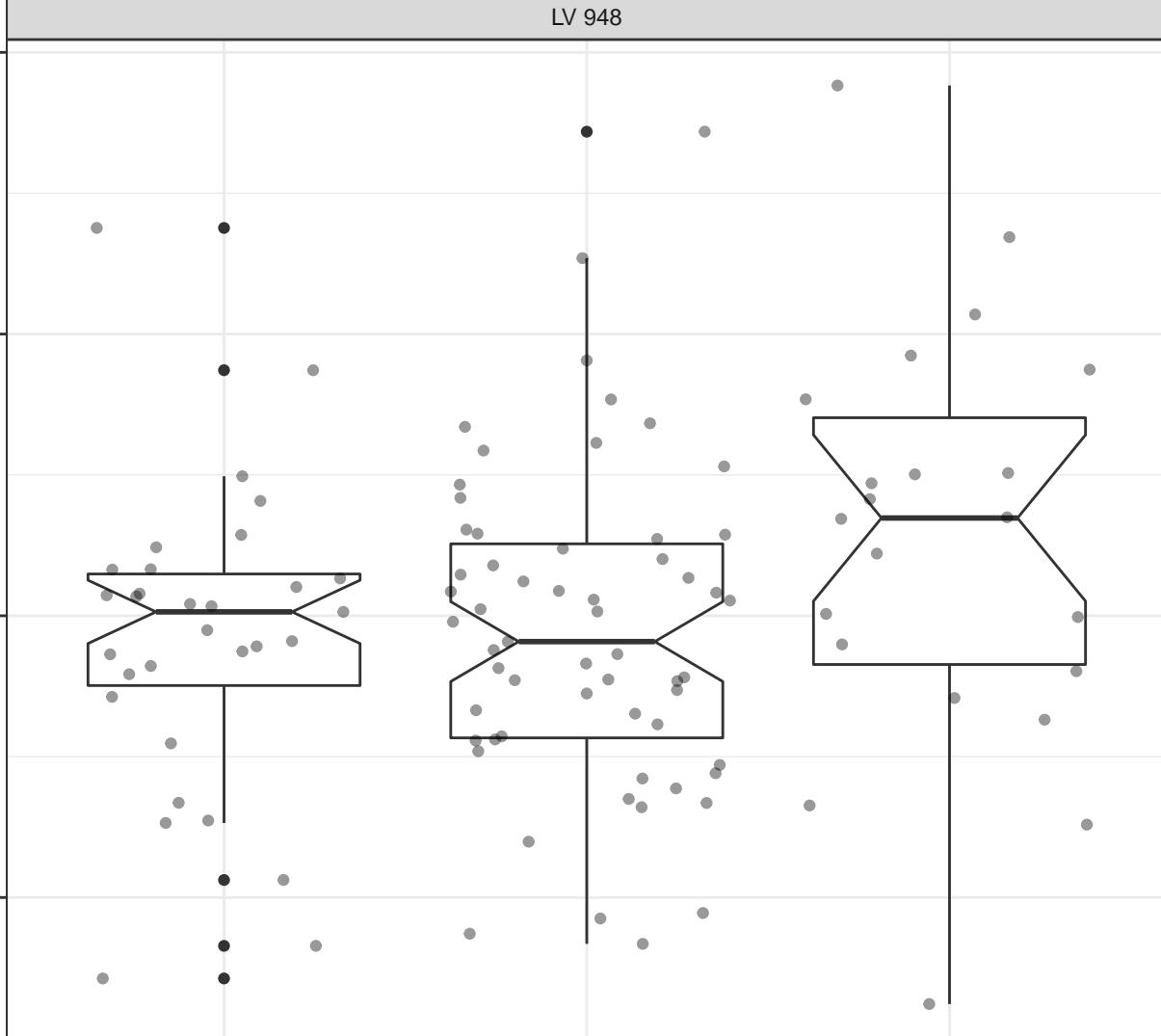
-0.04

Living donor control

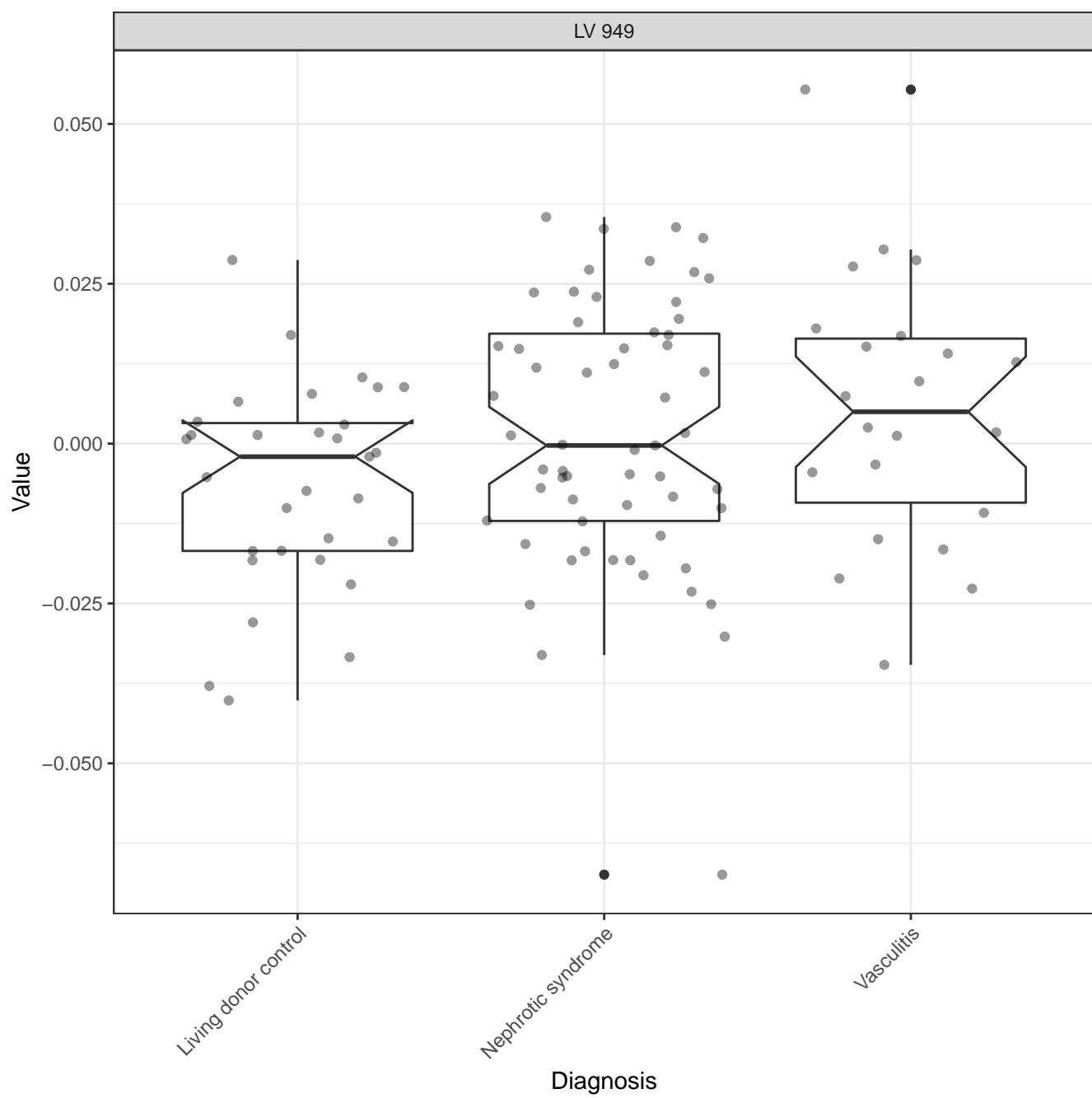
Nephrotic syndrome

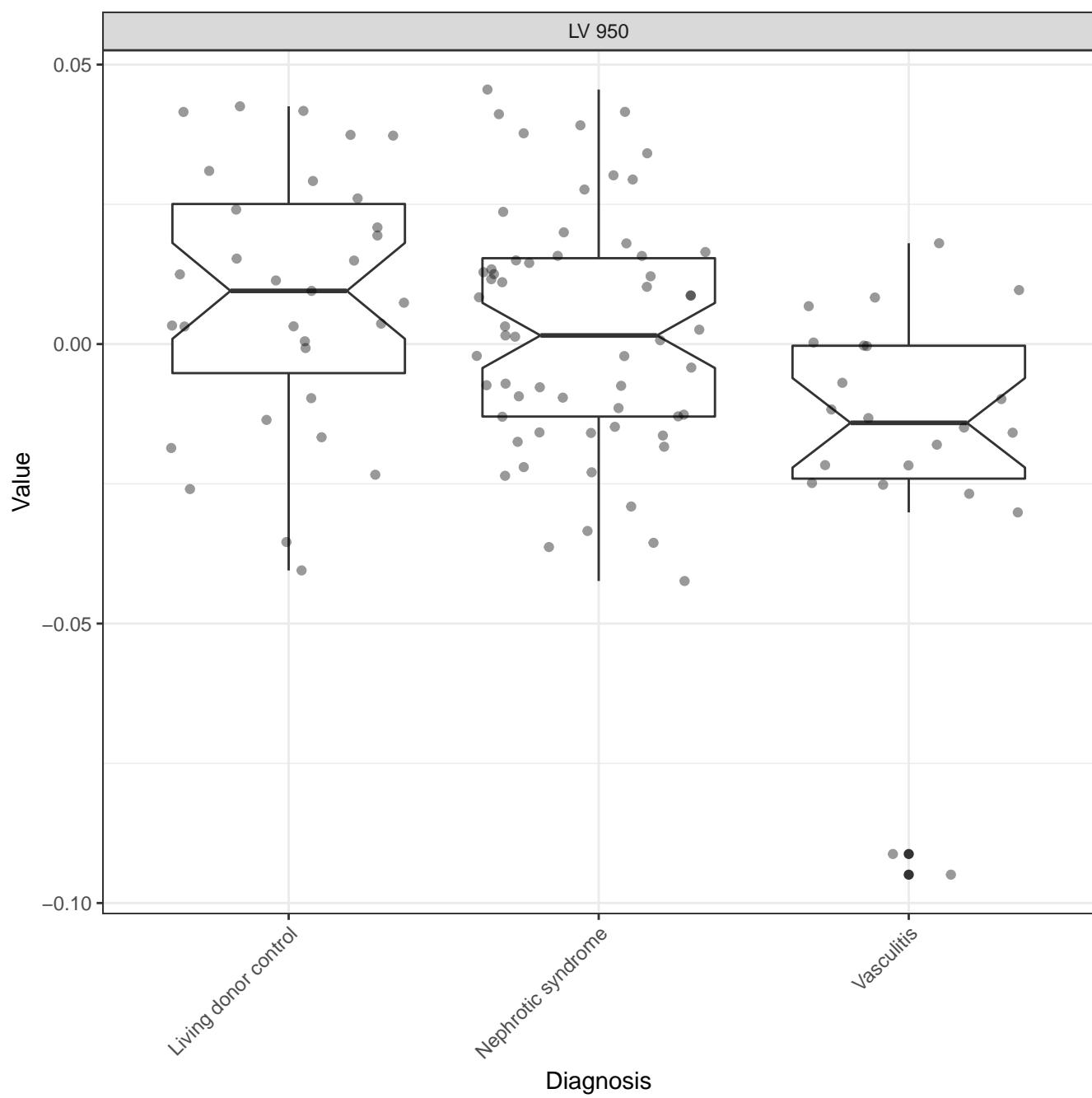
Vasculitis

Diagnosis



LV 949





## 951,SVM Plasma cells

Value

0.3

0.2

0.1

0.0

-0.1

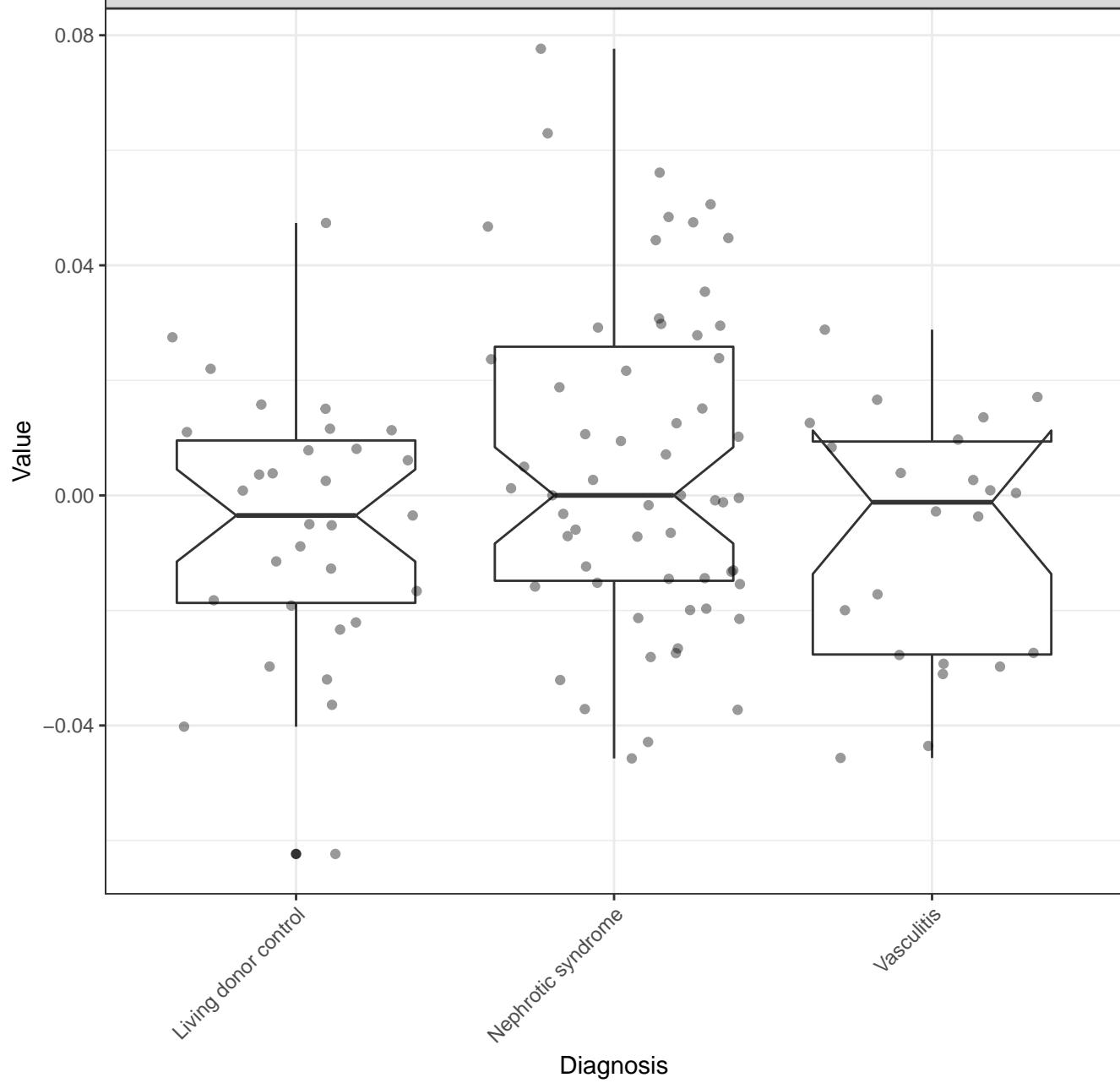
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

LV 952



## 953,IRIS\_Monocyte-Day1

Value

0.2

0.1

0.0

-0.1

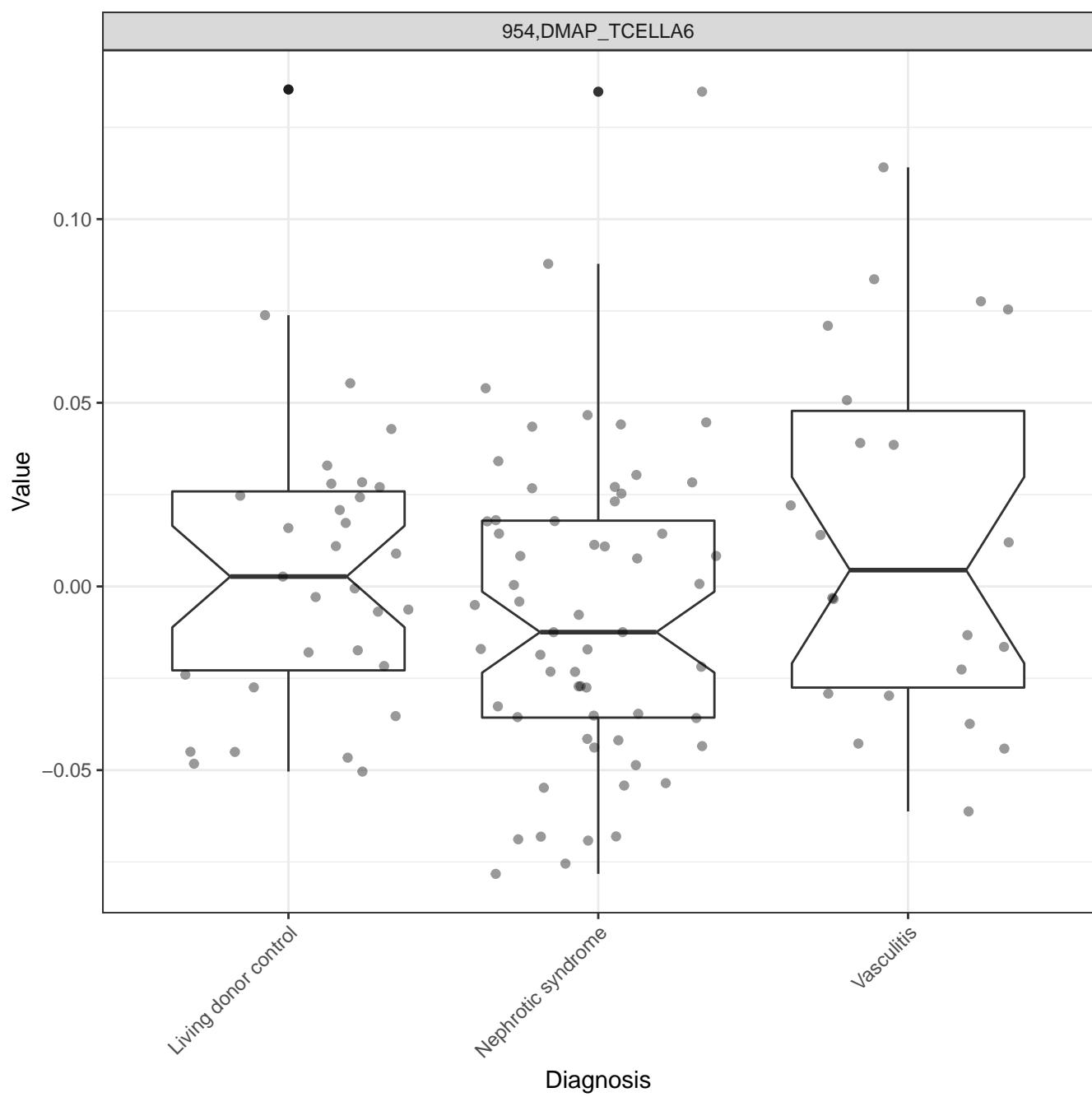
Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

## 954,DMAP\_TCELLA6



LV 955

Value

0.1

0.0

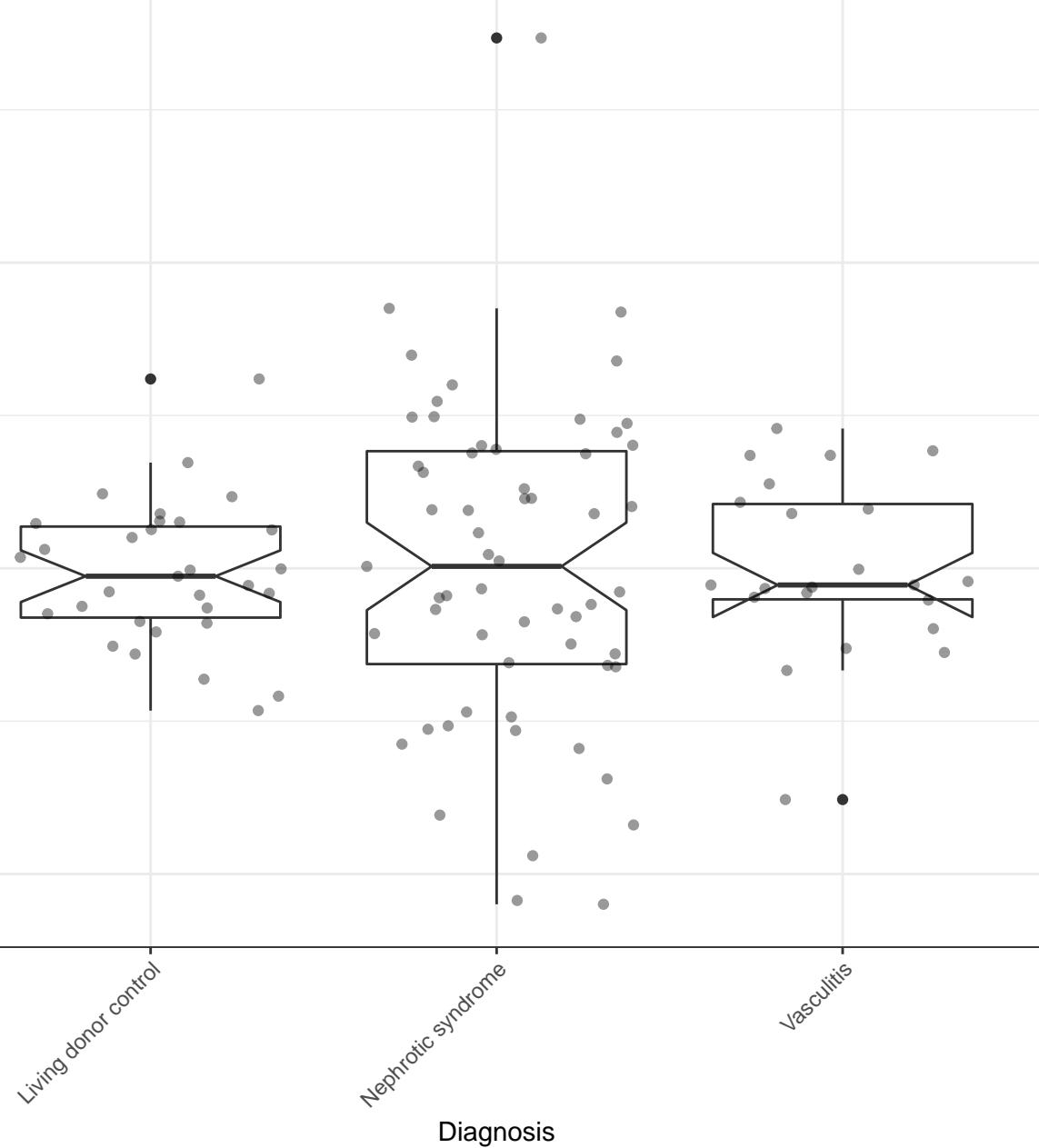
-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 956

Value

0.05

0.00

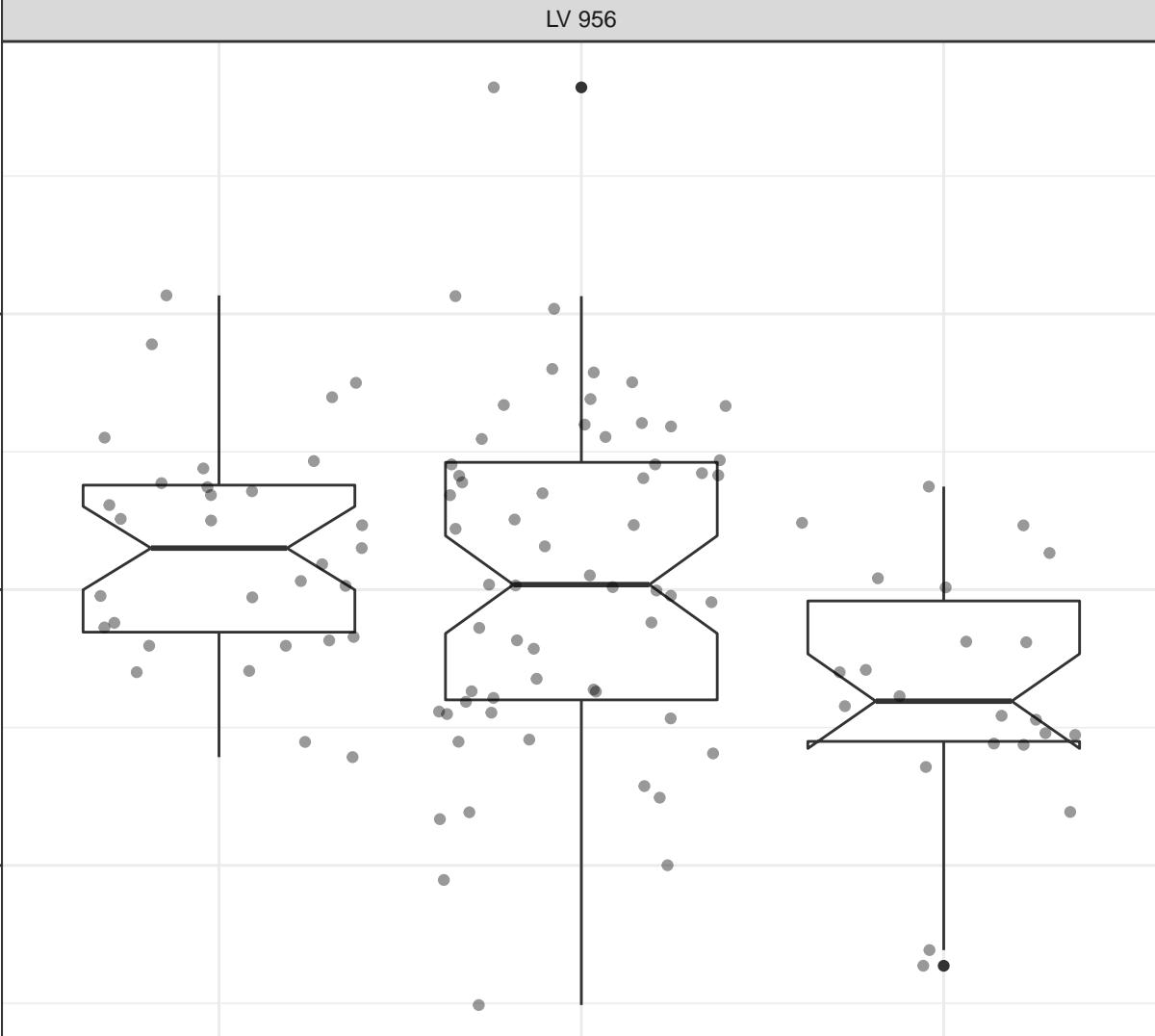
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 957

Value

0.10

0.05

-0.05

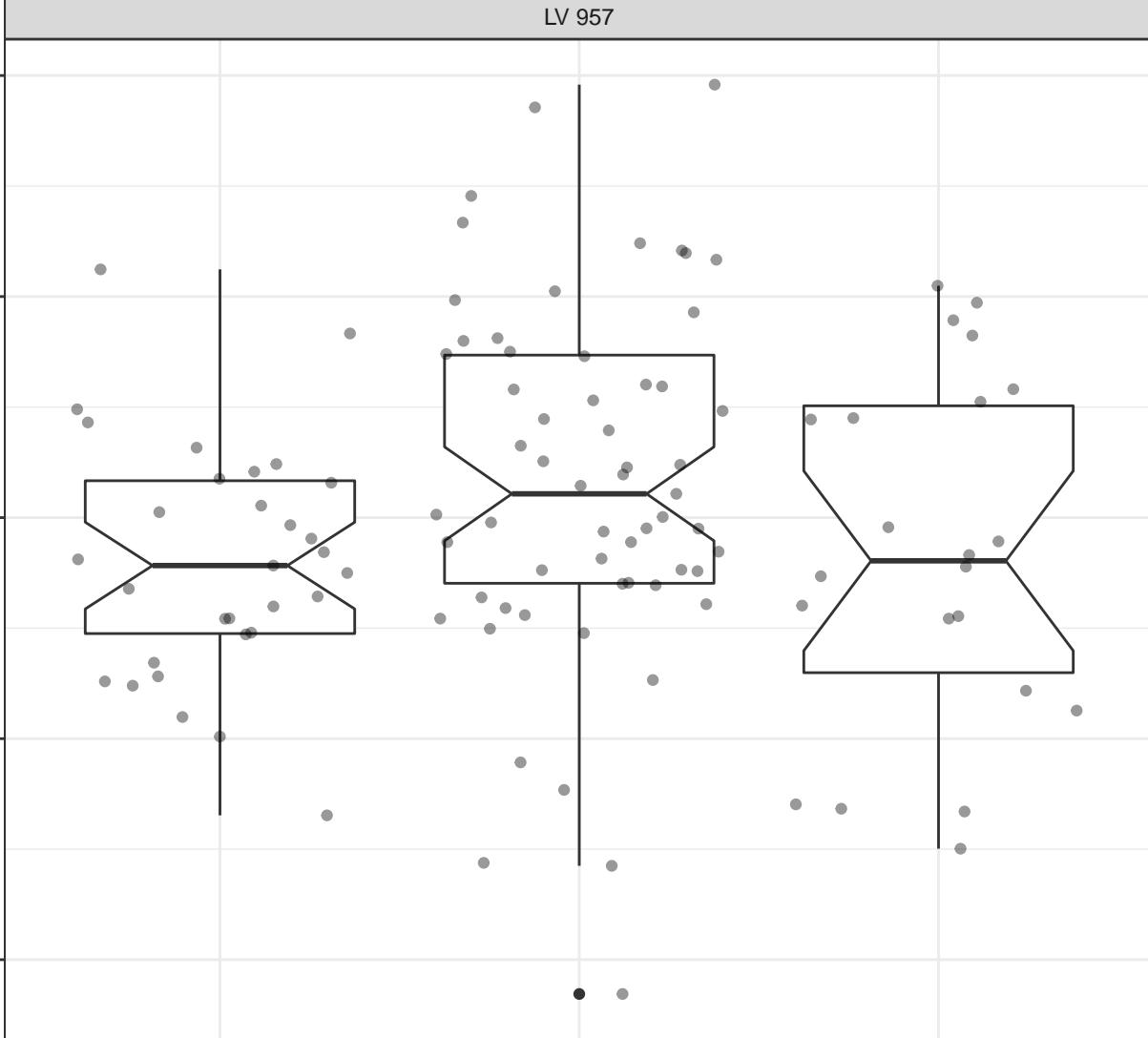
-0.10

Living donor control

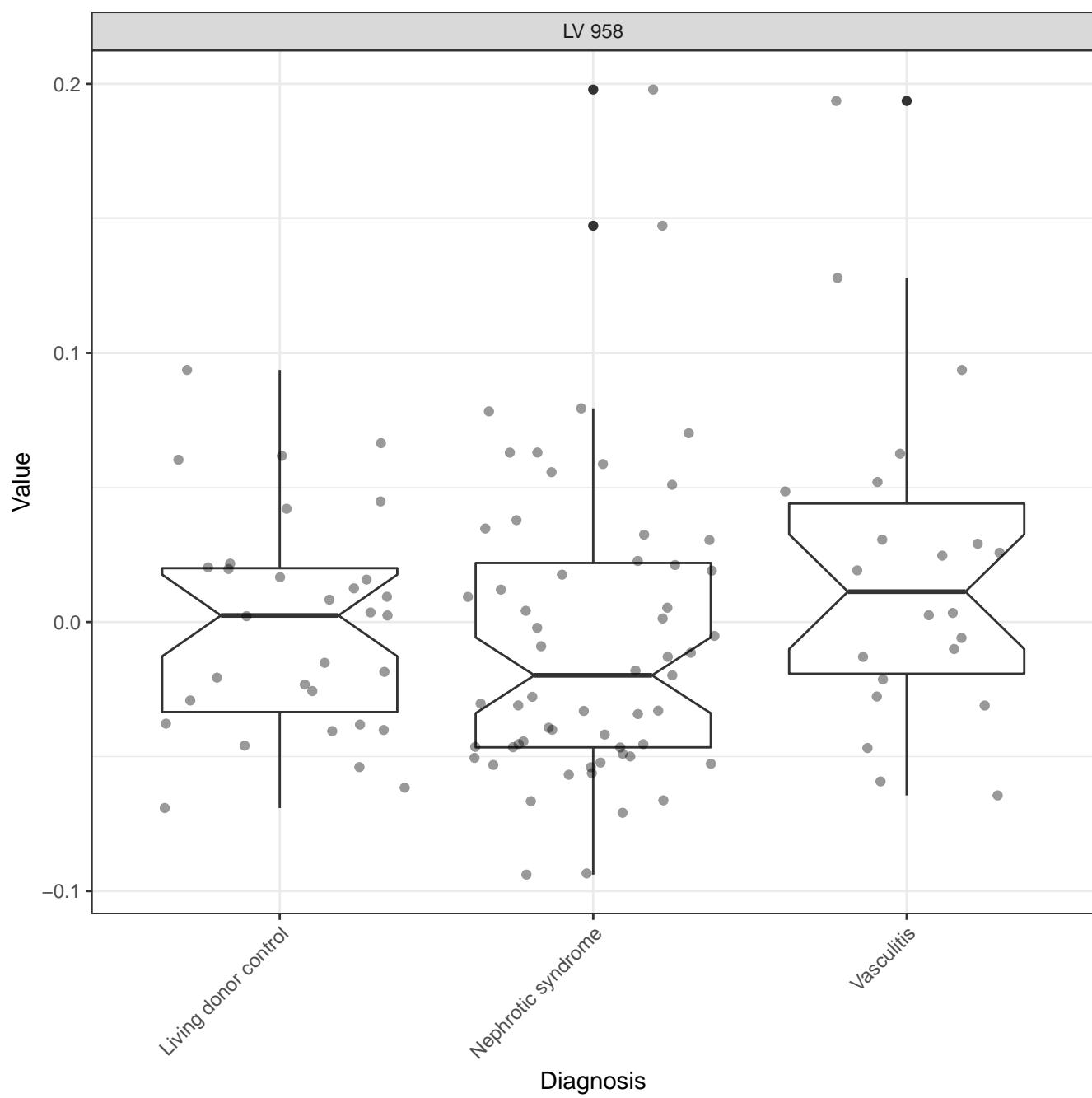
Nephrotic syndrome

Vasculitis

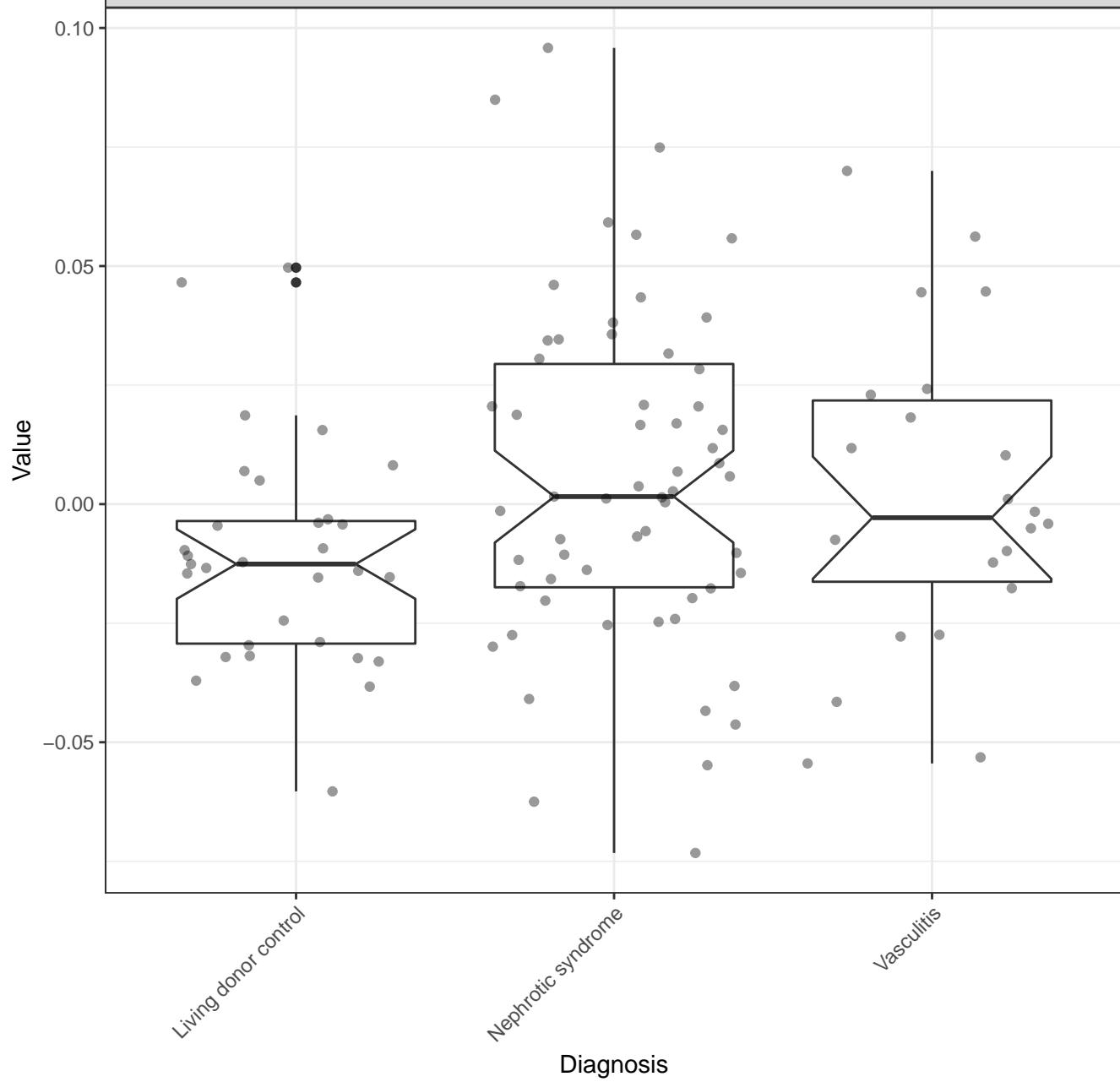
Diagnosis



LV 958



LV 959



Value

0.05

0.00

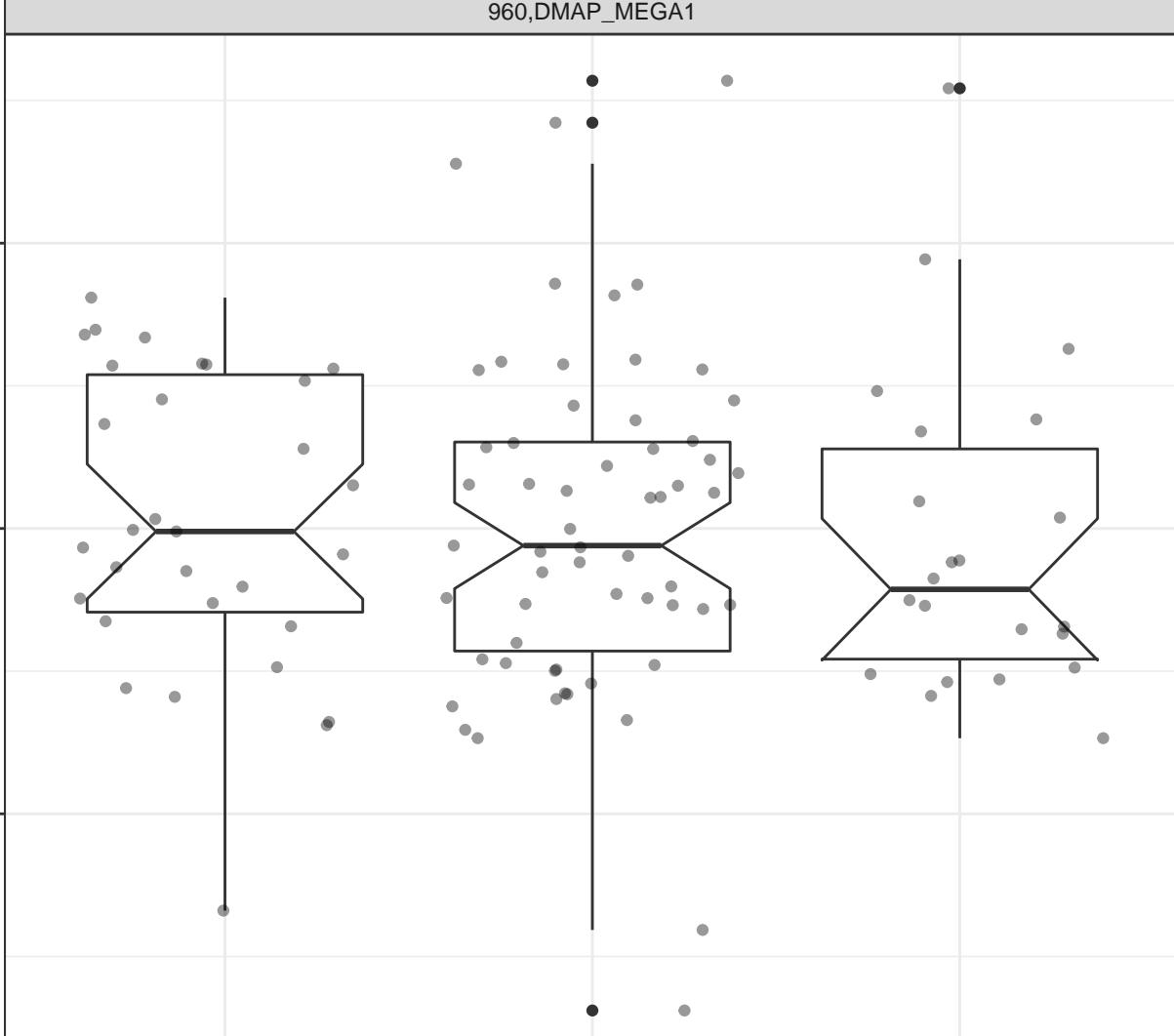
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

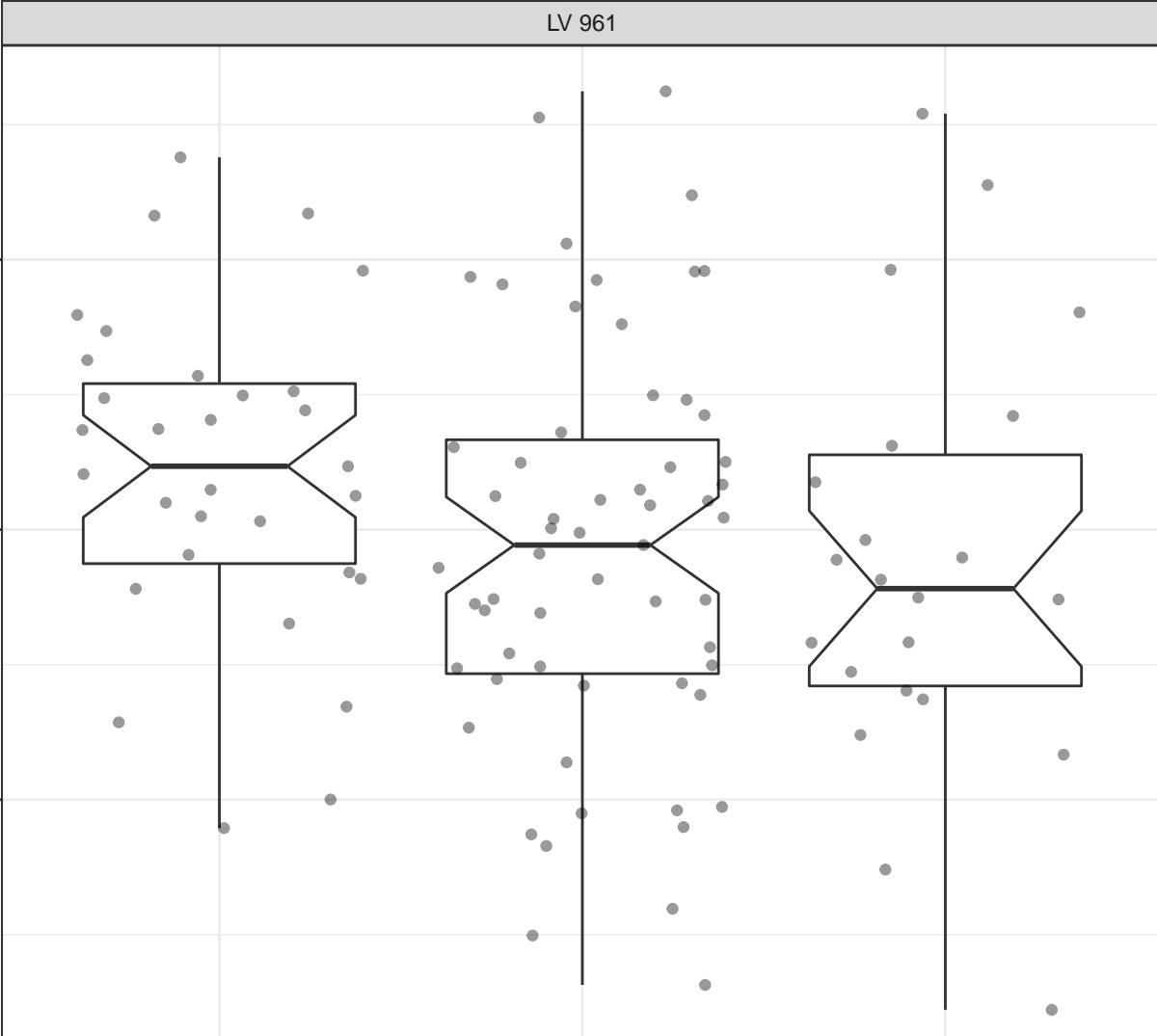
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.10

0.05

0.00

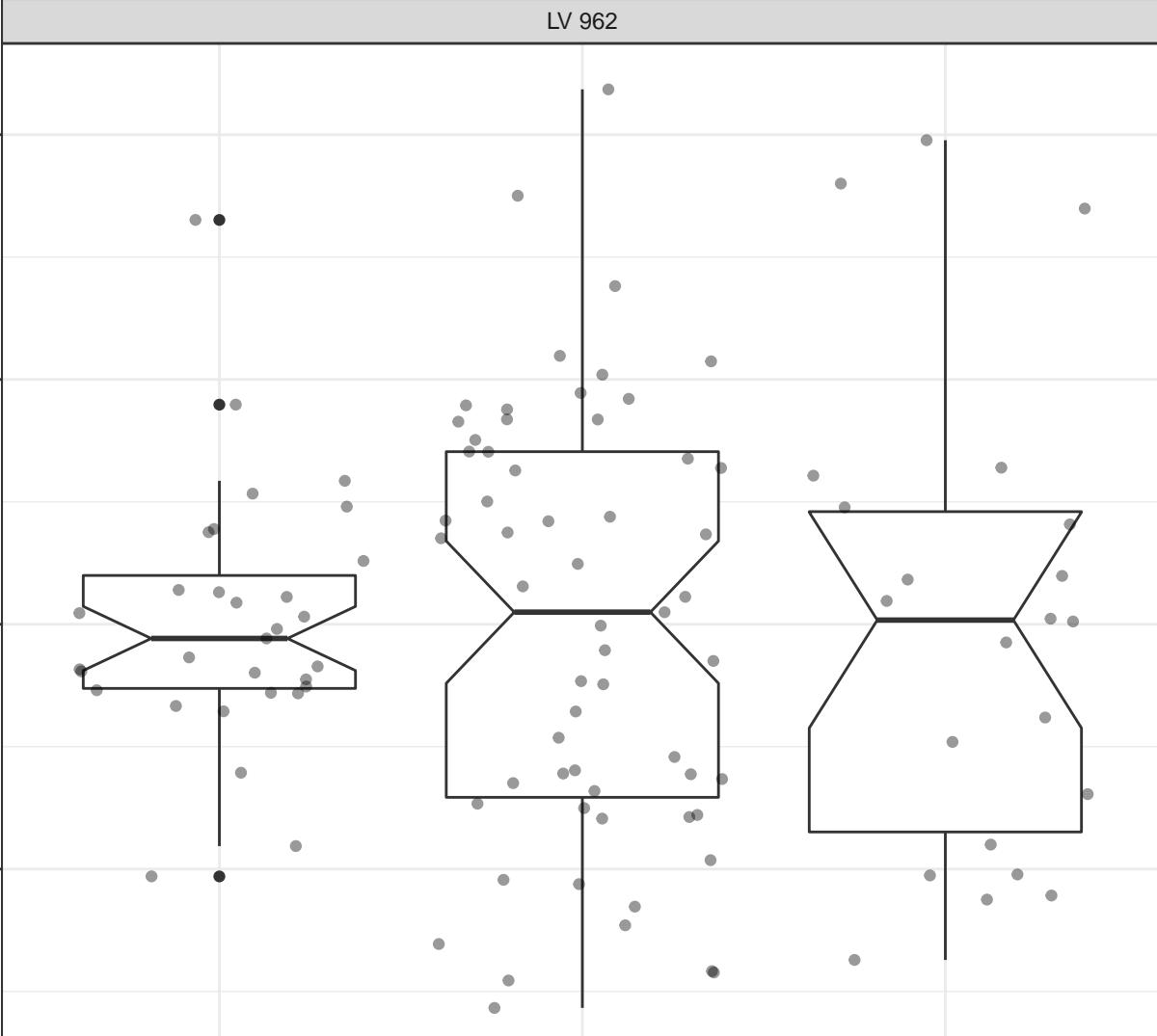
-0.05

Living donor control

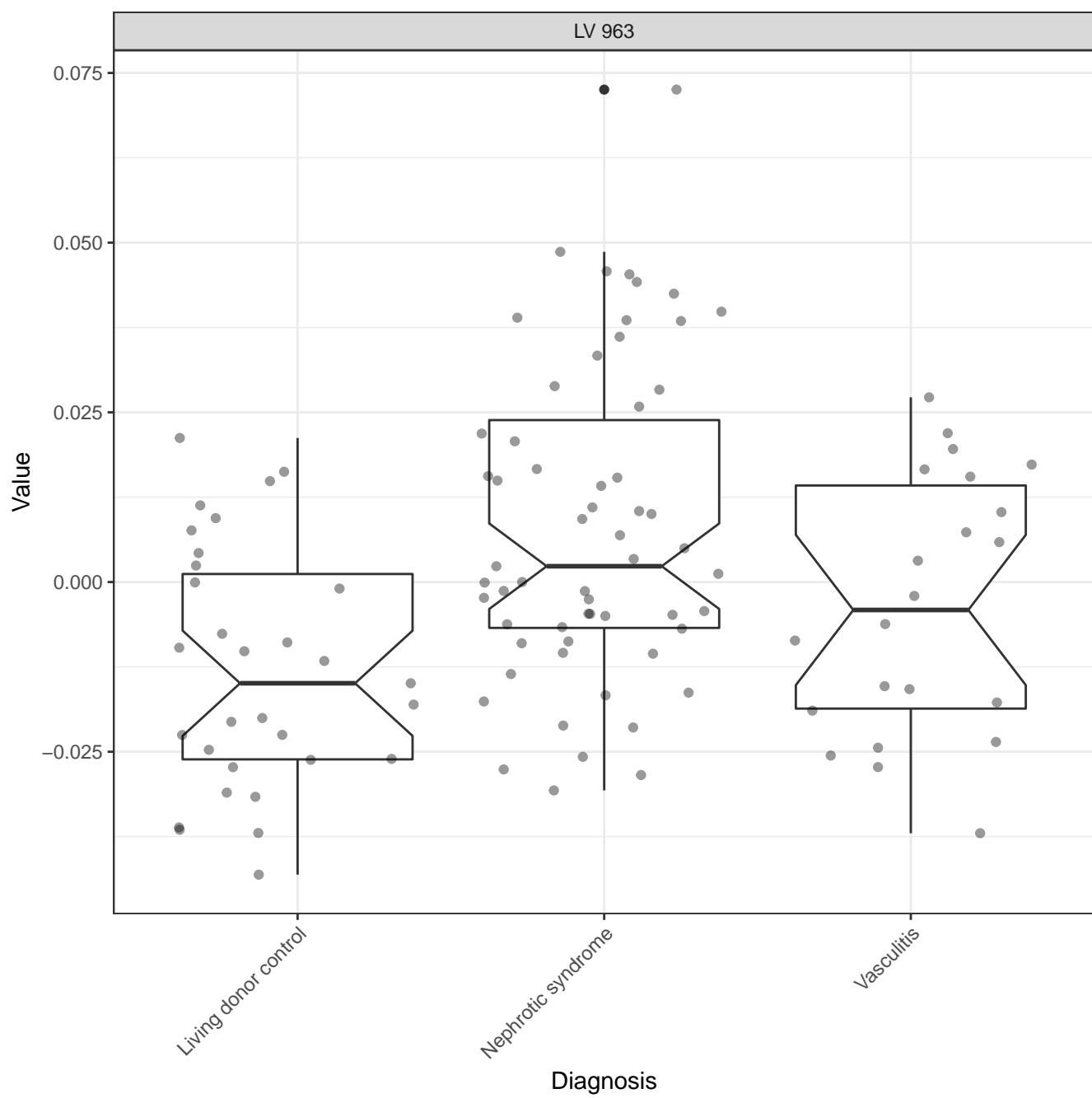
Nephrotic syndrome

Vasculitis

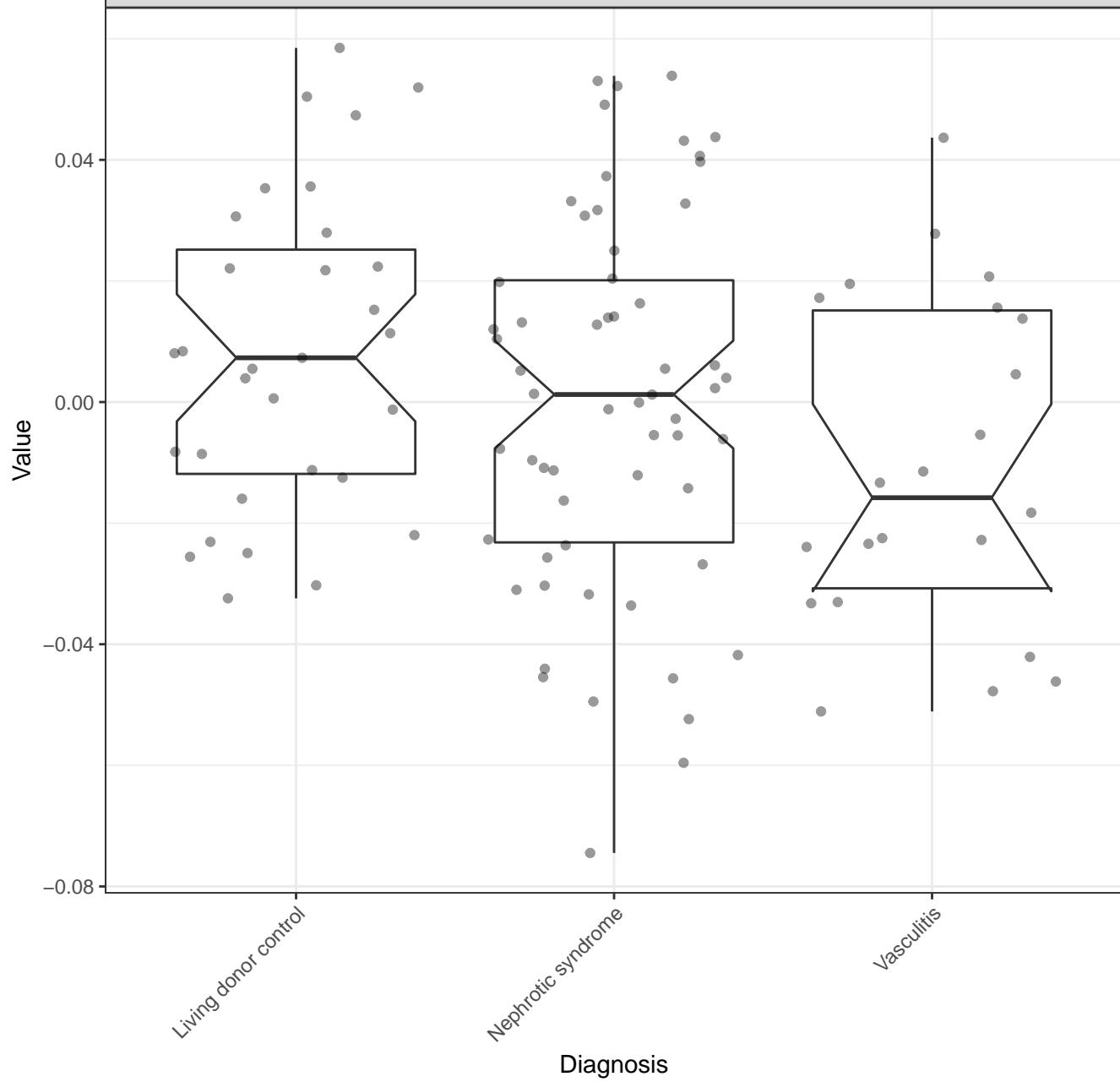
Diagnosis



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

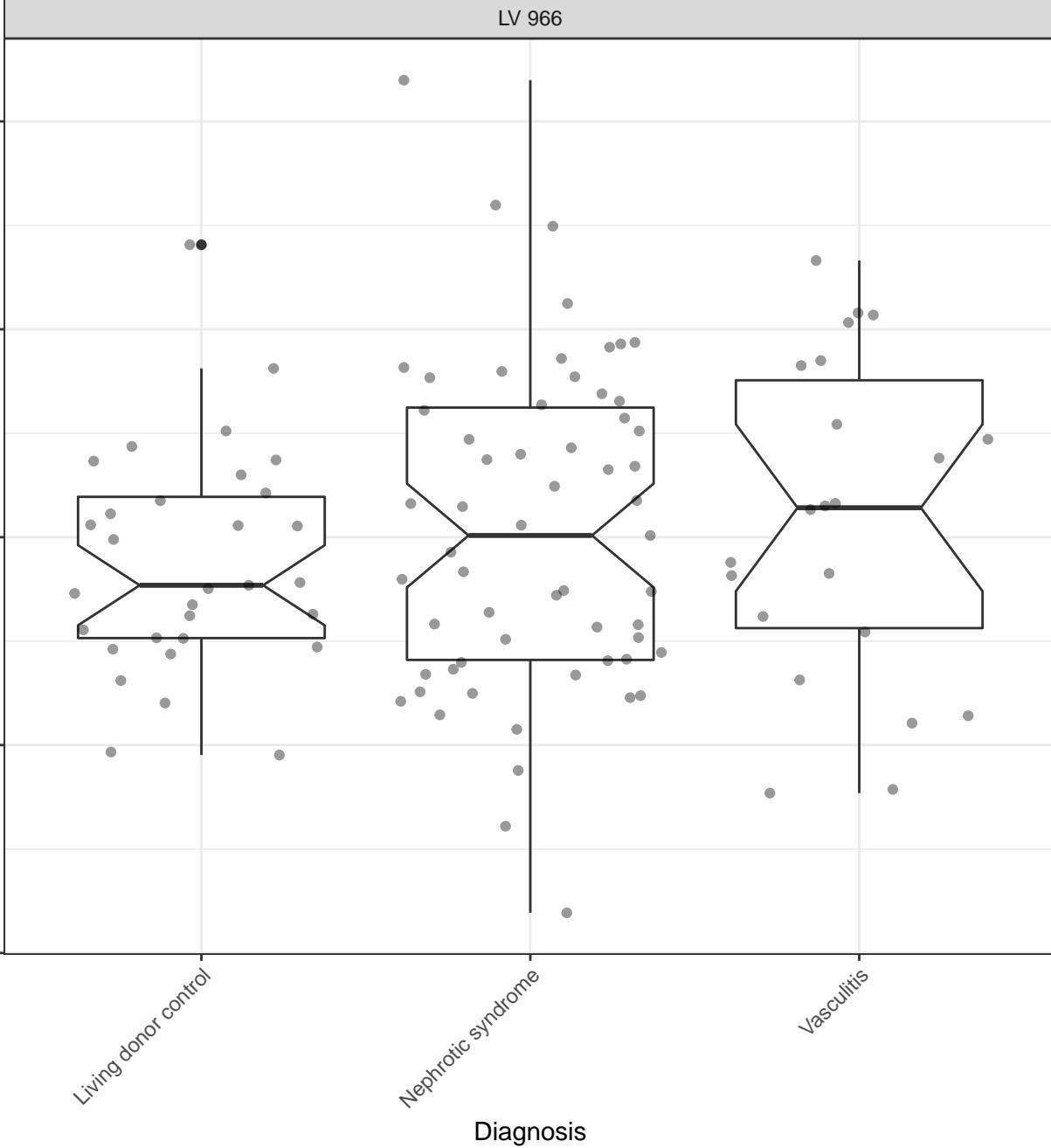
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.00

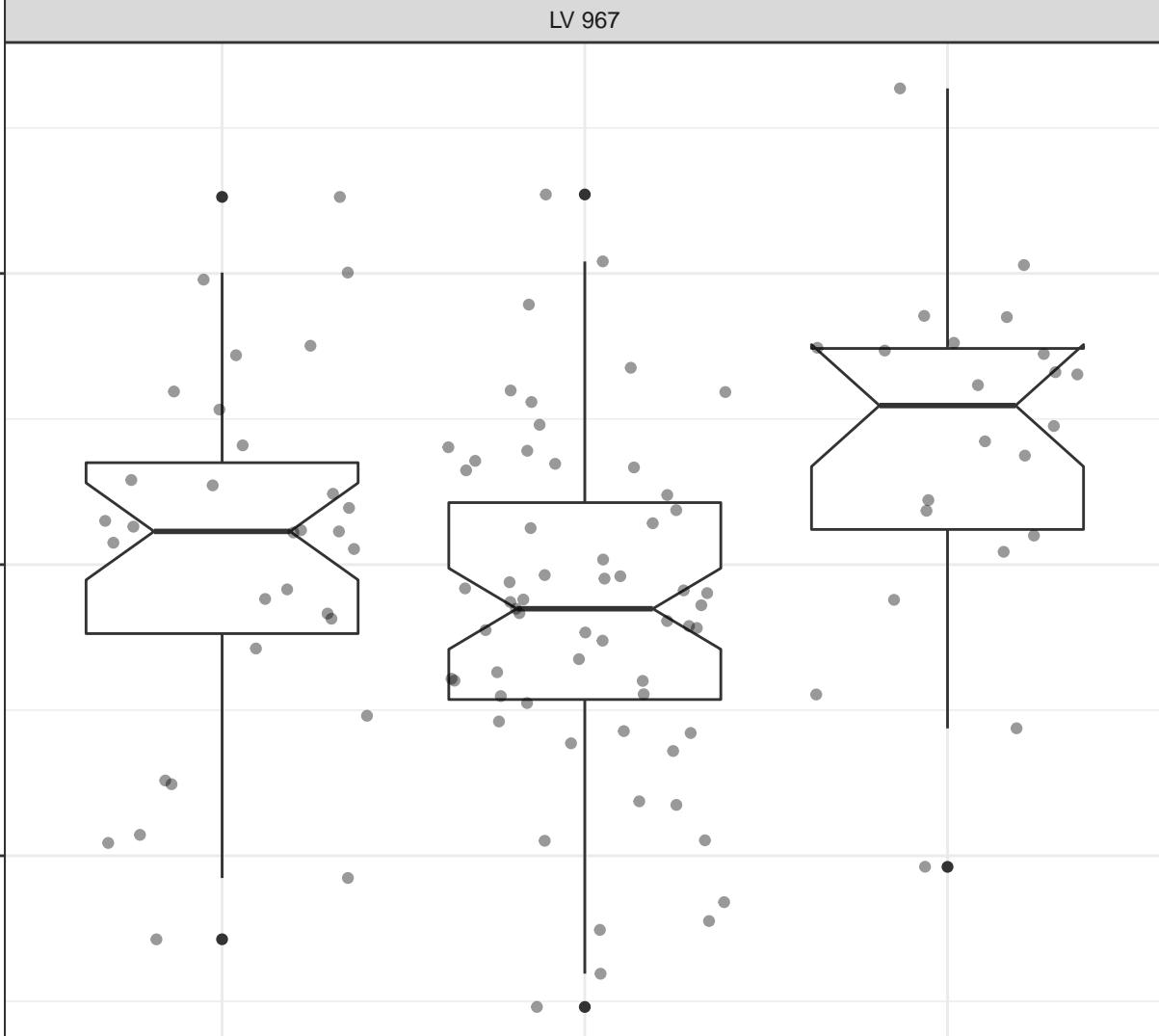
-0.04

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 968

Value

0.05

0.00

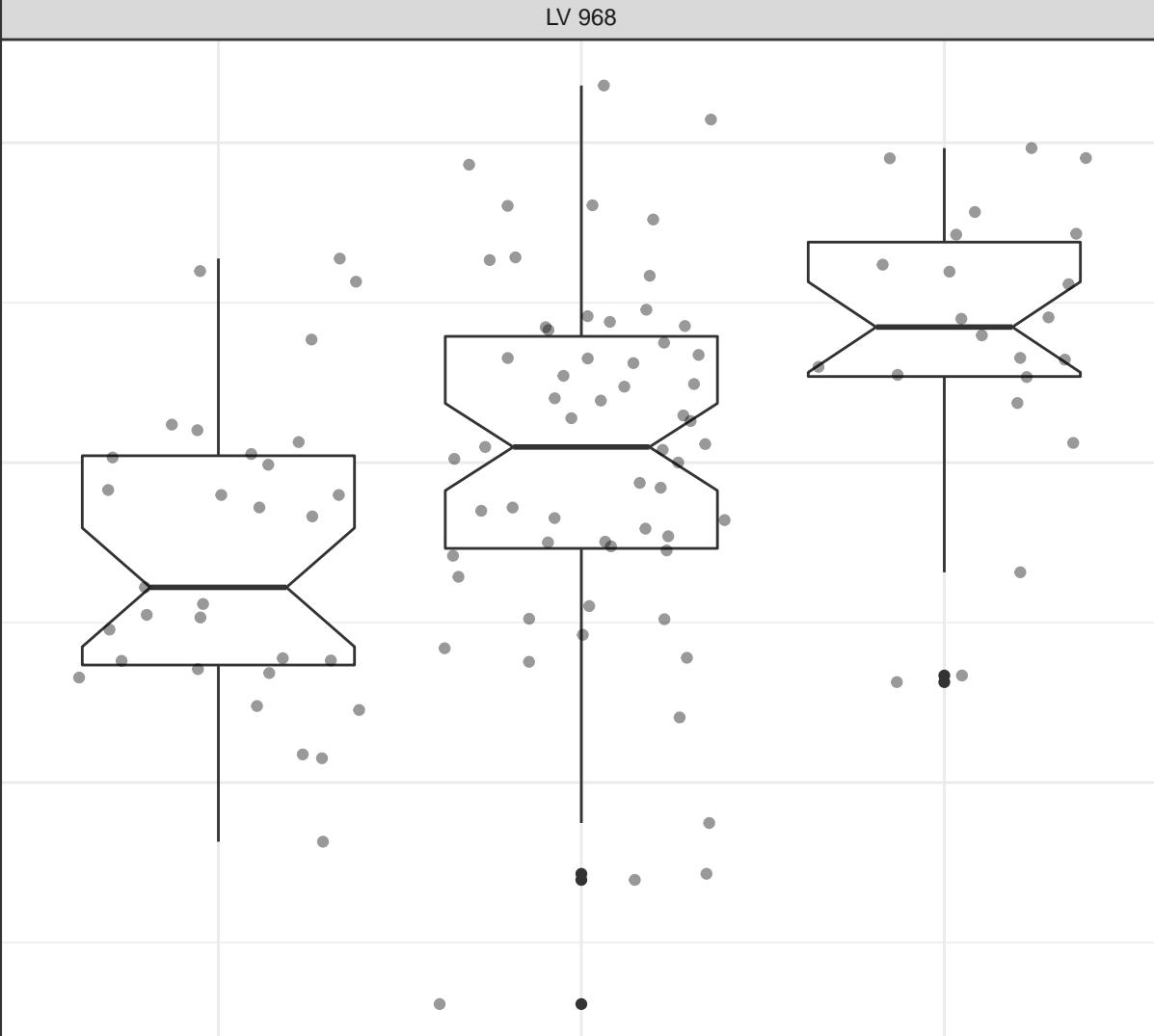
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.05

0.00

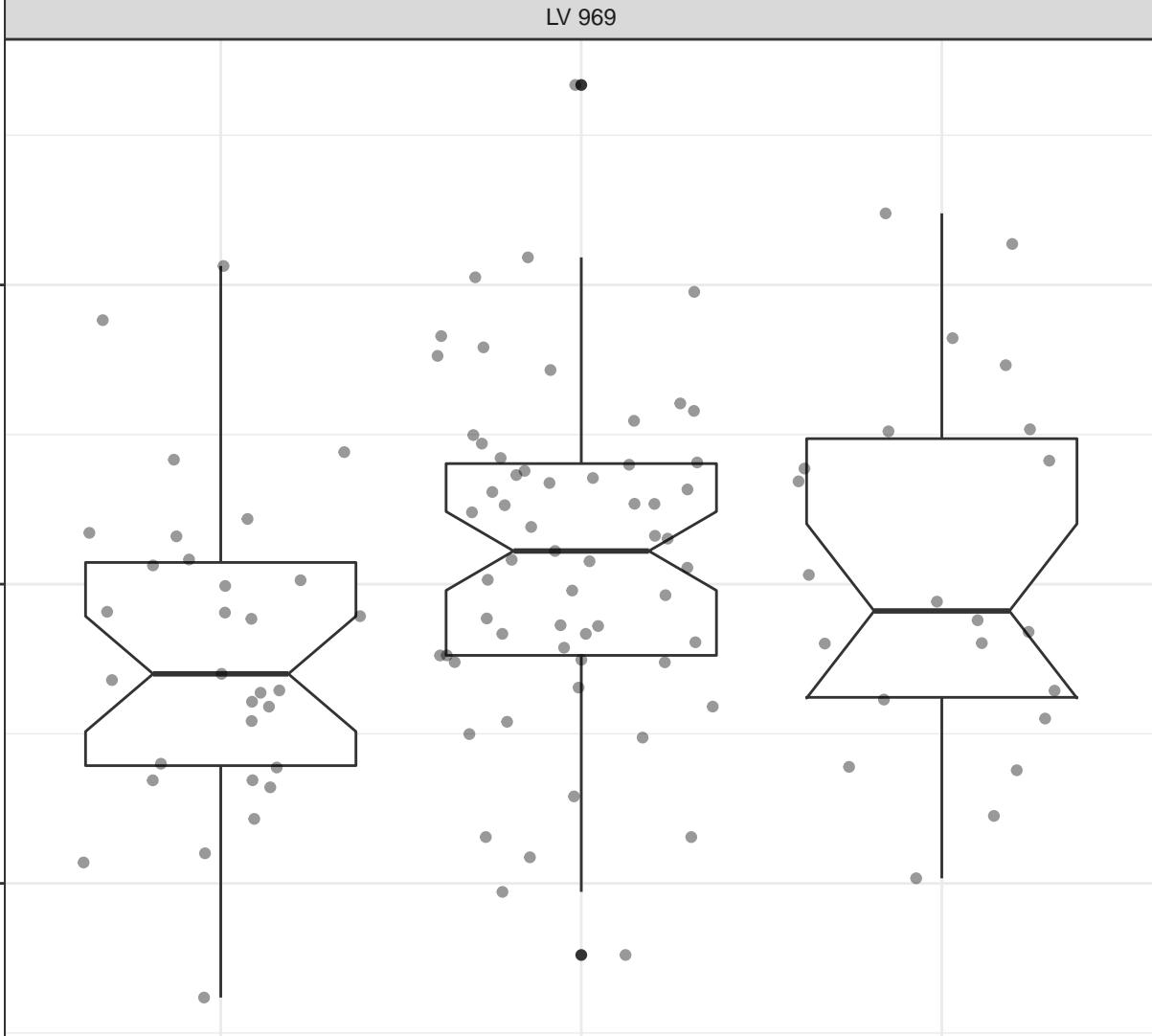
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 970

Value

0.05

0.00

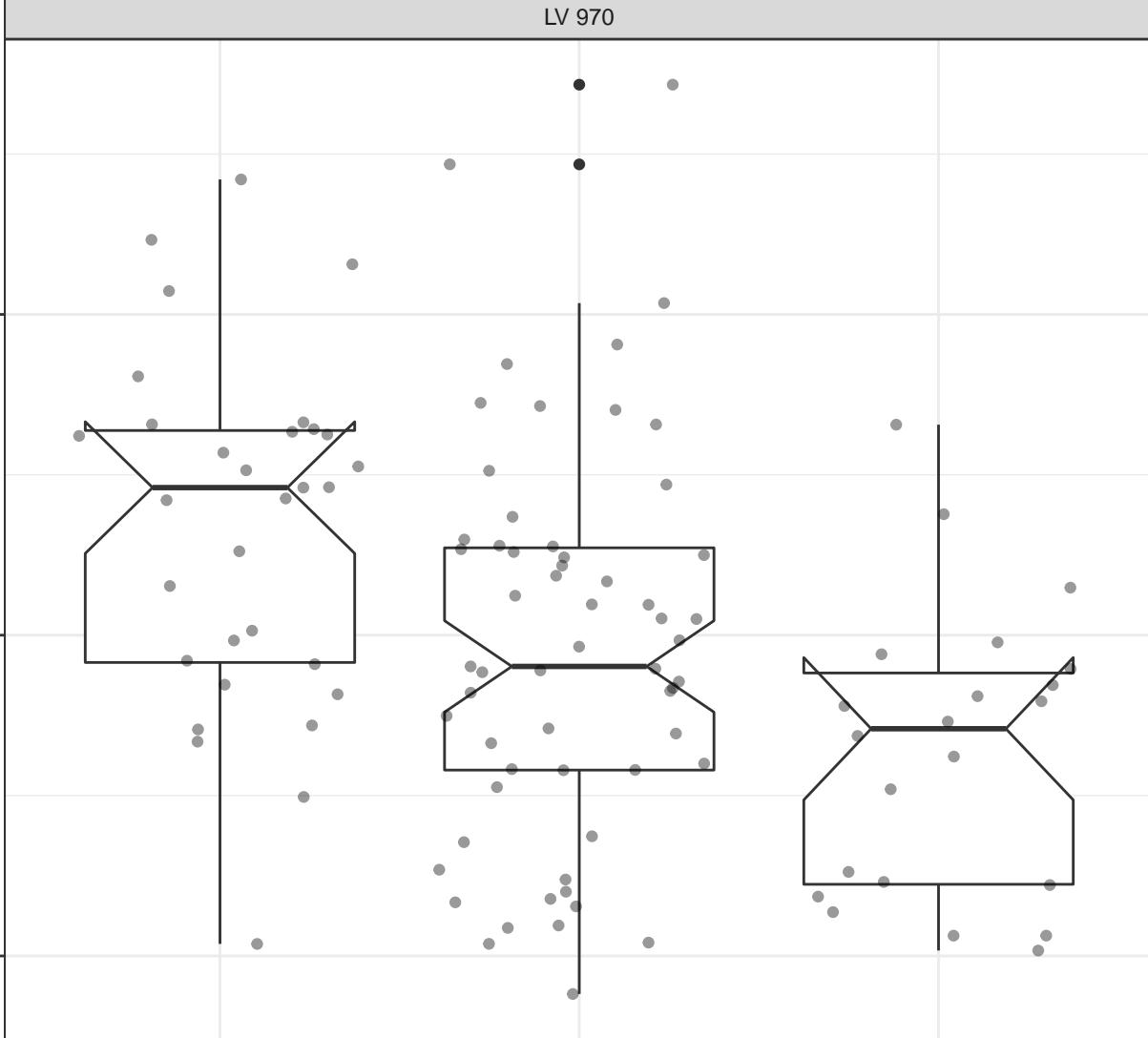
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 971

Value

0.05

0.00

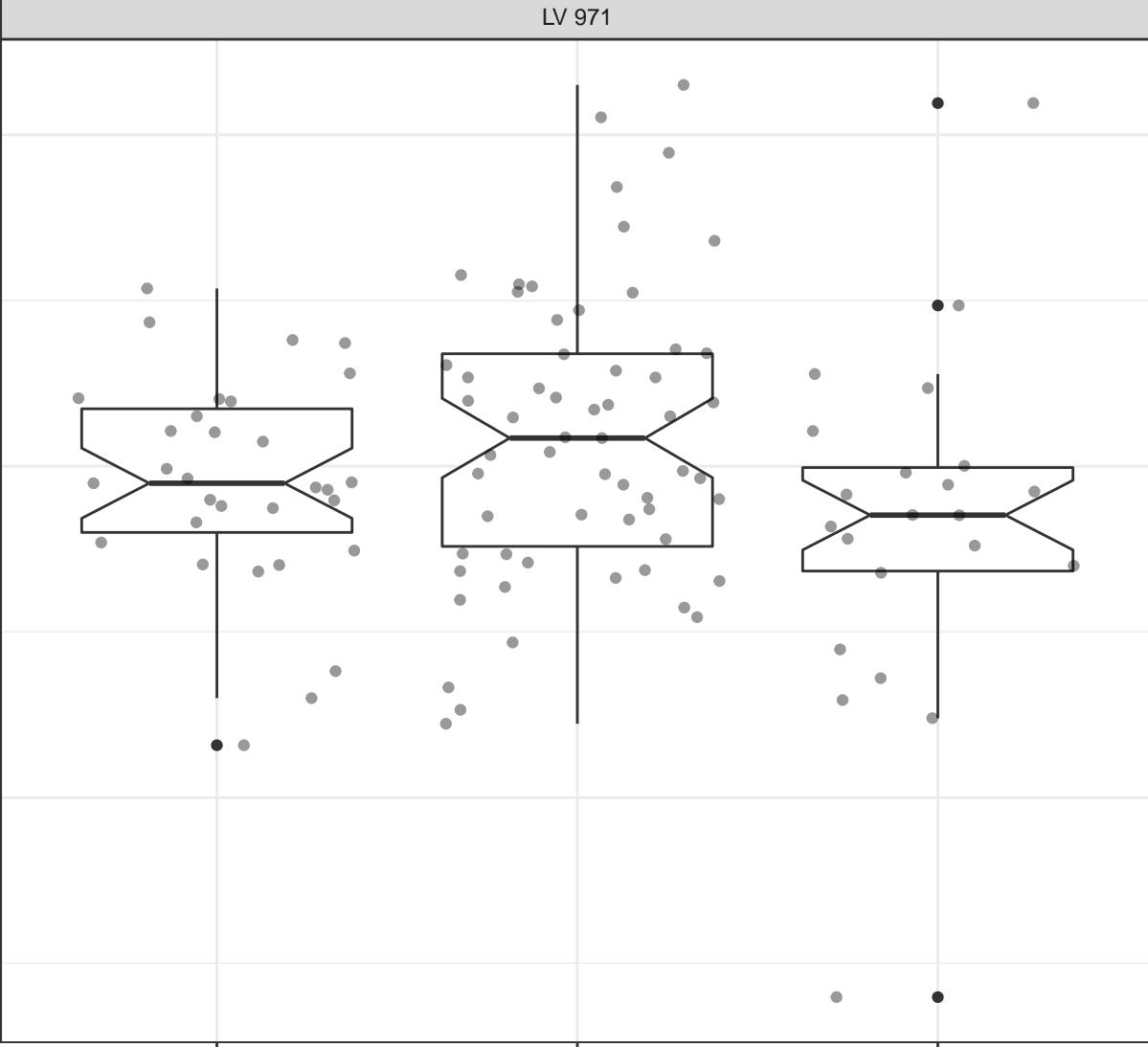
-0.05

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 972

Value

0.05

0.00

-0.05

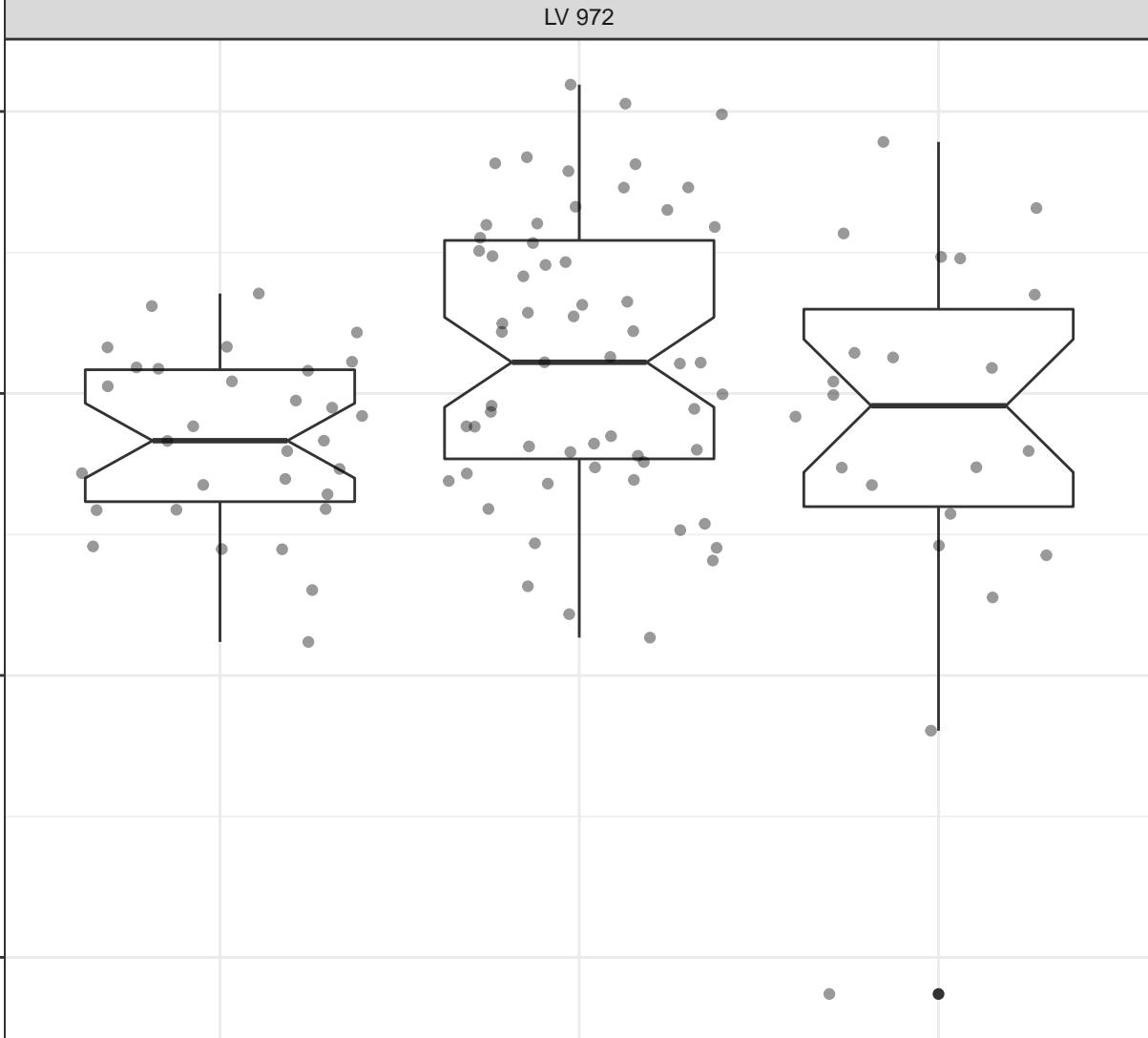
-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 973

Value

0.10

0.05

0.00

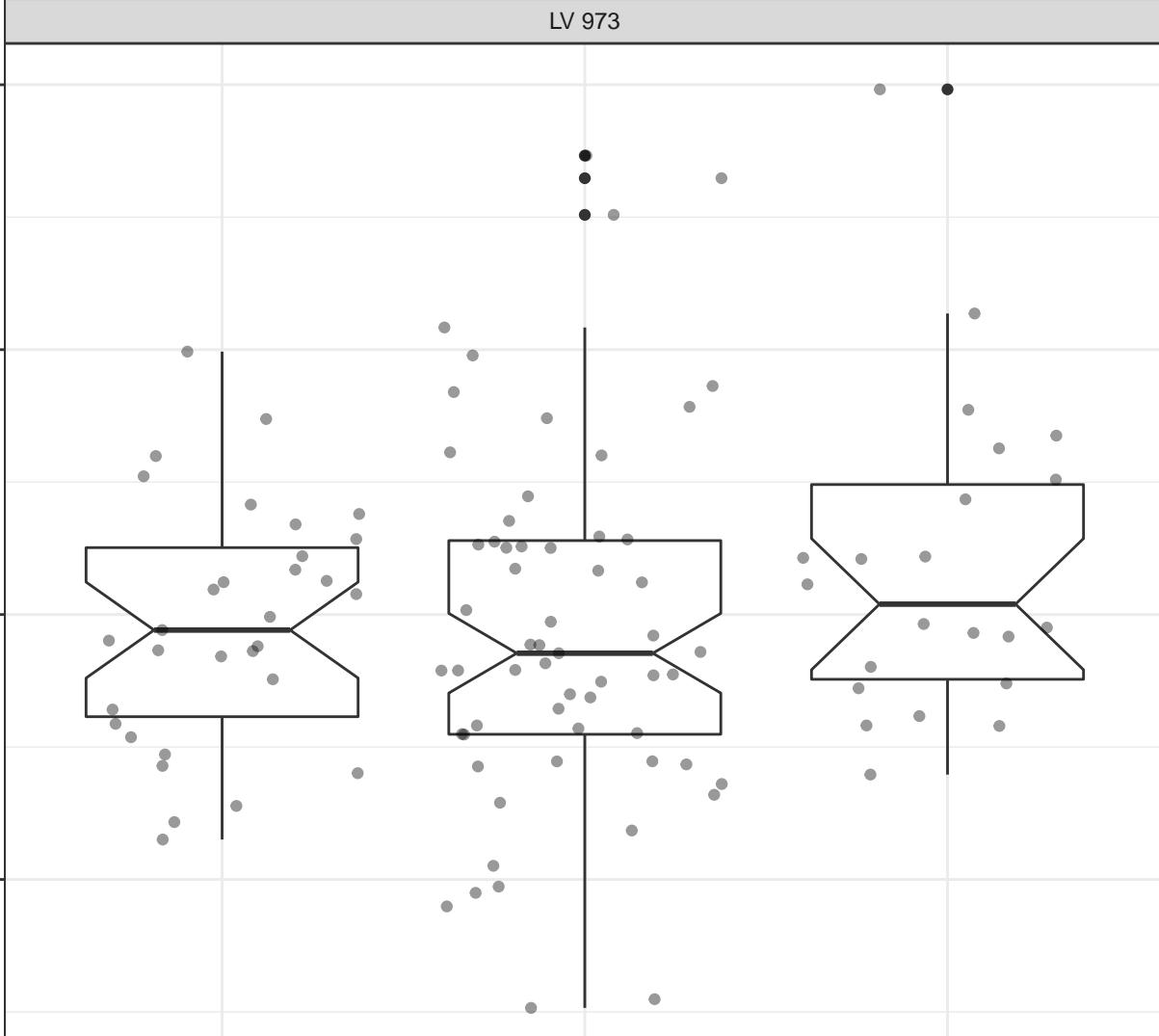
-0.05

Living donor control

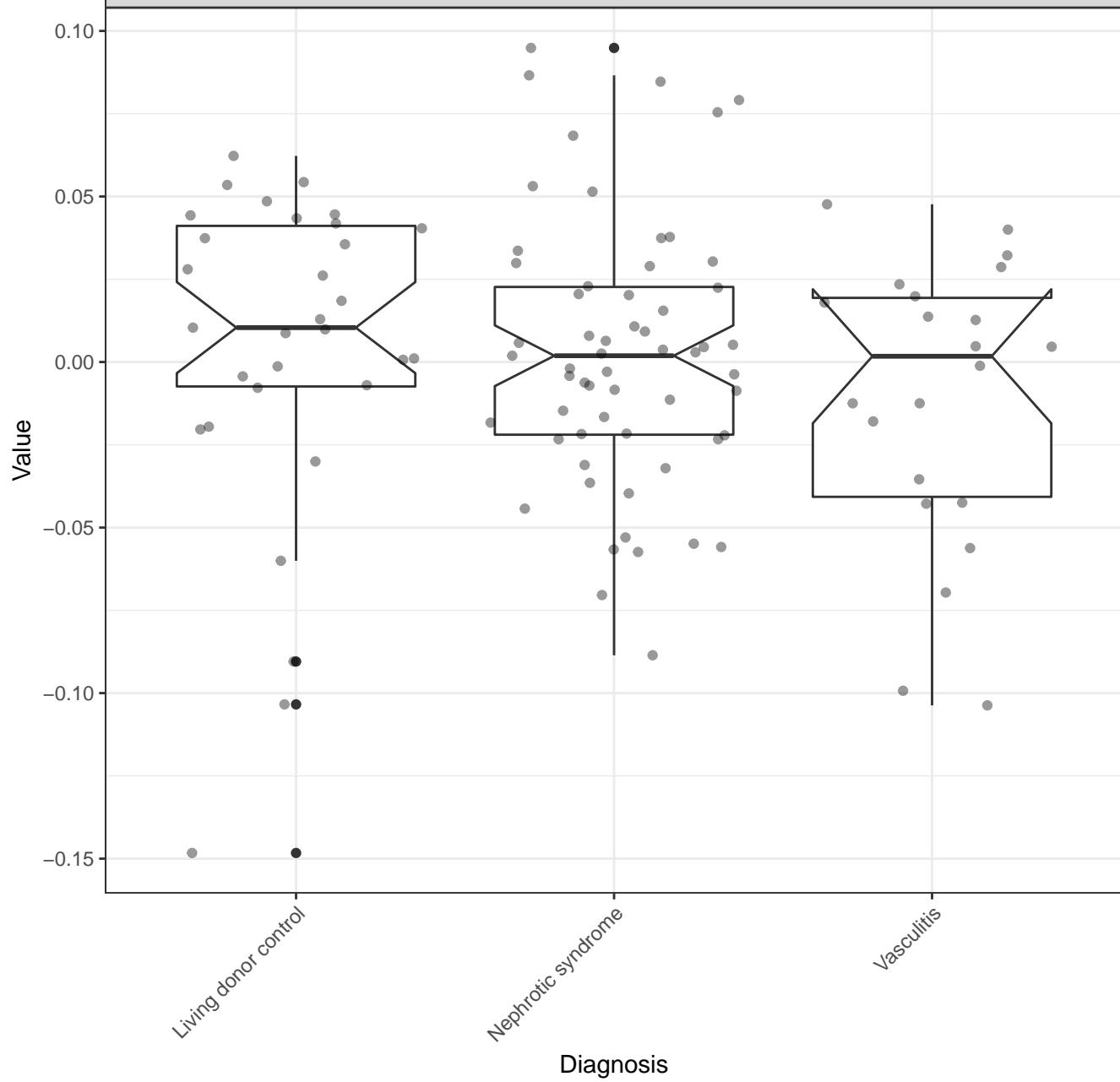
Nephrotic syndrome

Vasculitis

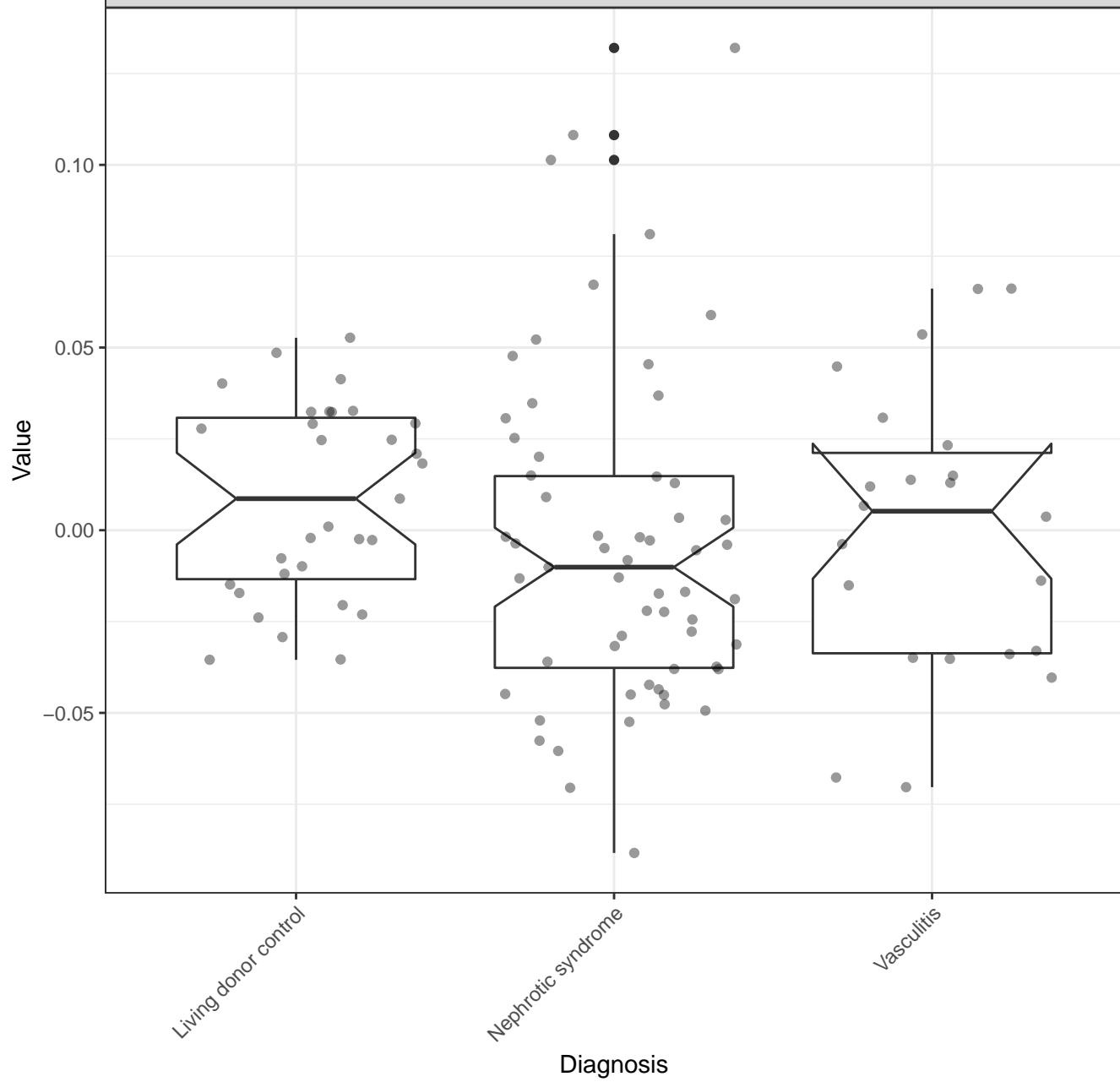
Diagnosis



LV 974



### 975,SVM T cells CD4 memory resting



LV 976

Value

0.1

0.0

-0.1

-0.2

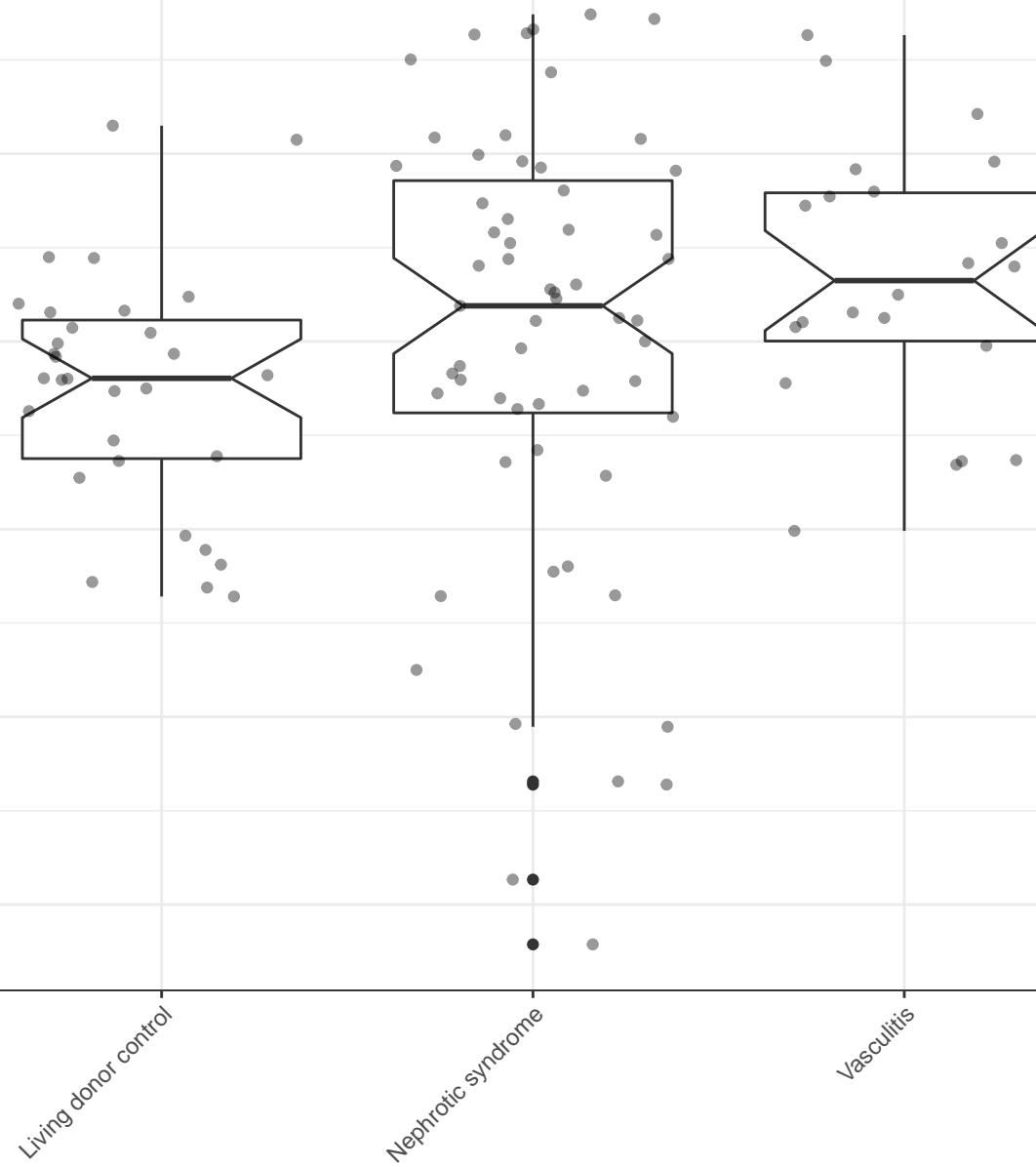
-0.3

Living donor control

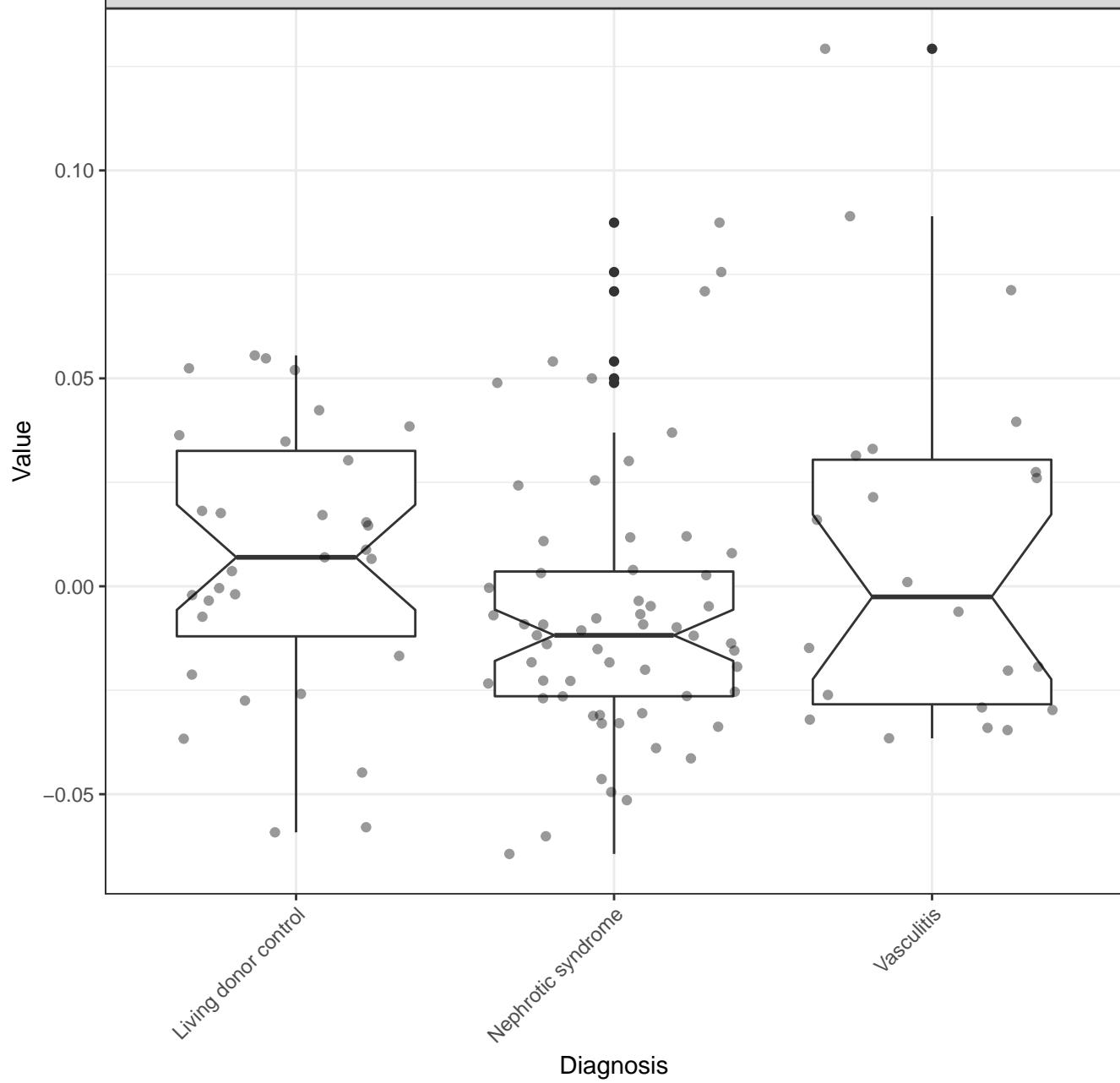
Nephrotic syndrome

Vasculitis

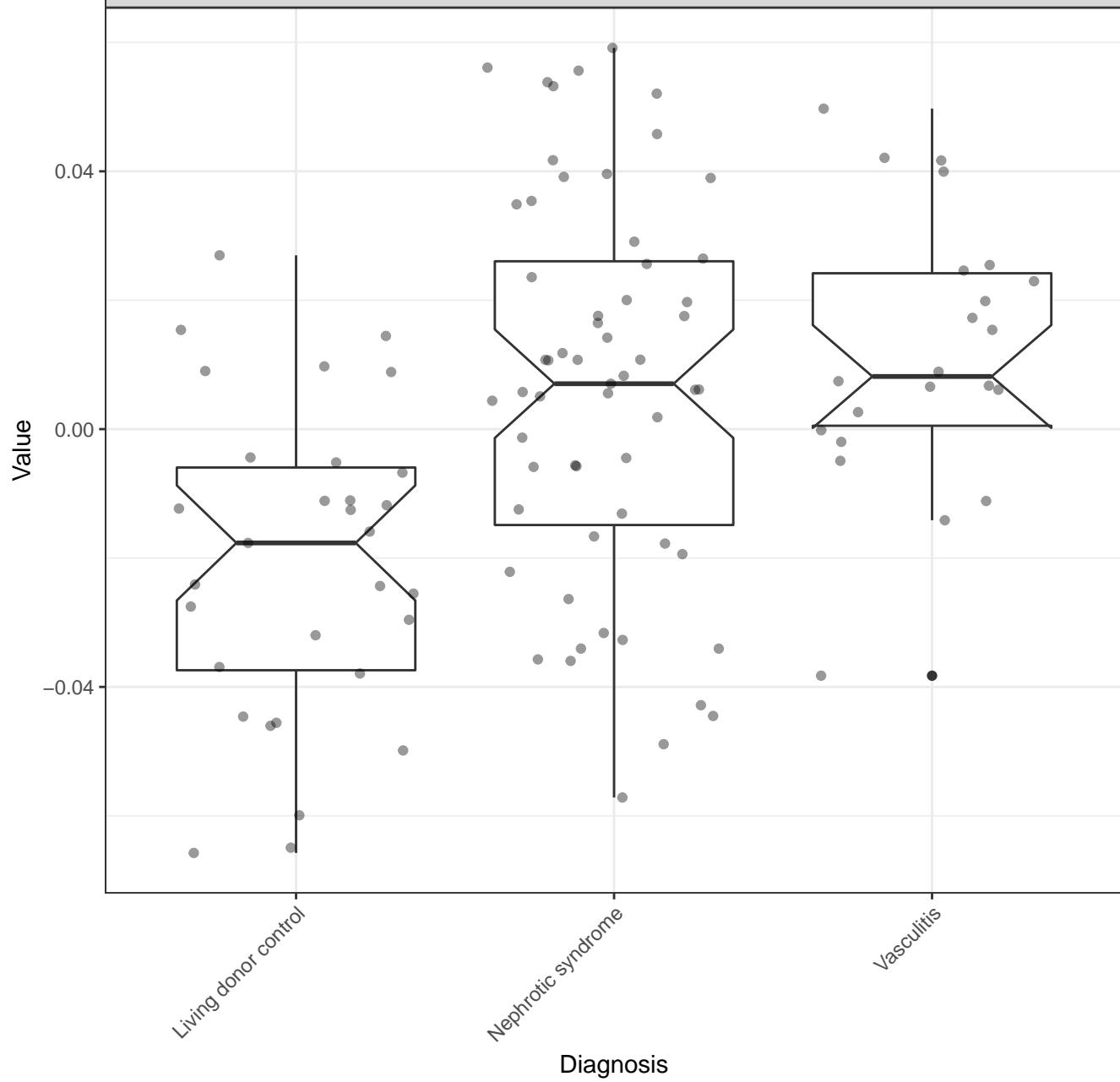
Diagnosis



## 977,SVM B cells naive



LV 978



Value

0.03

0.01

-0.03

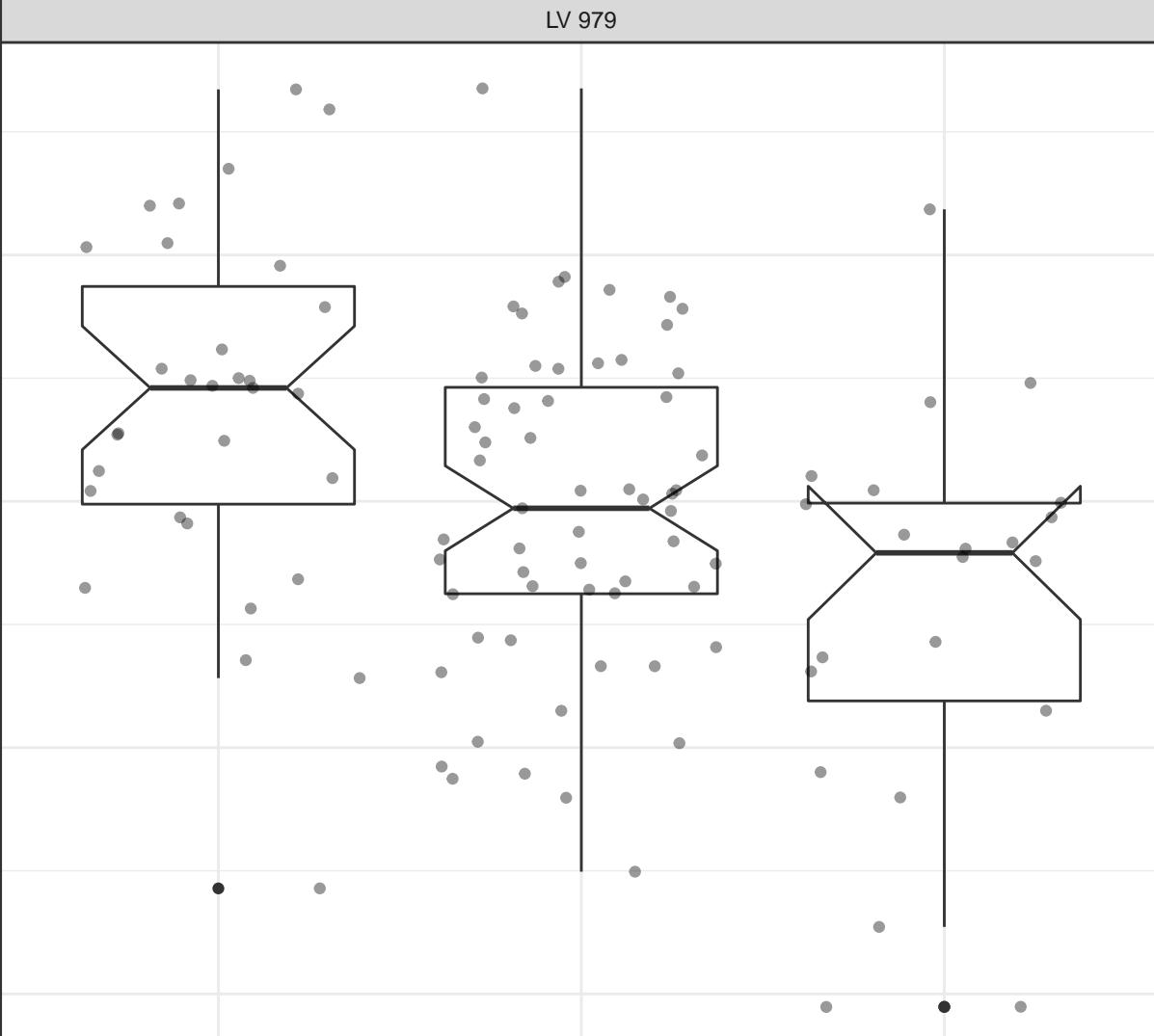
-0.06

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



Value

0.04

0.01

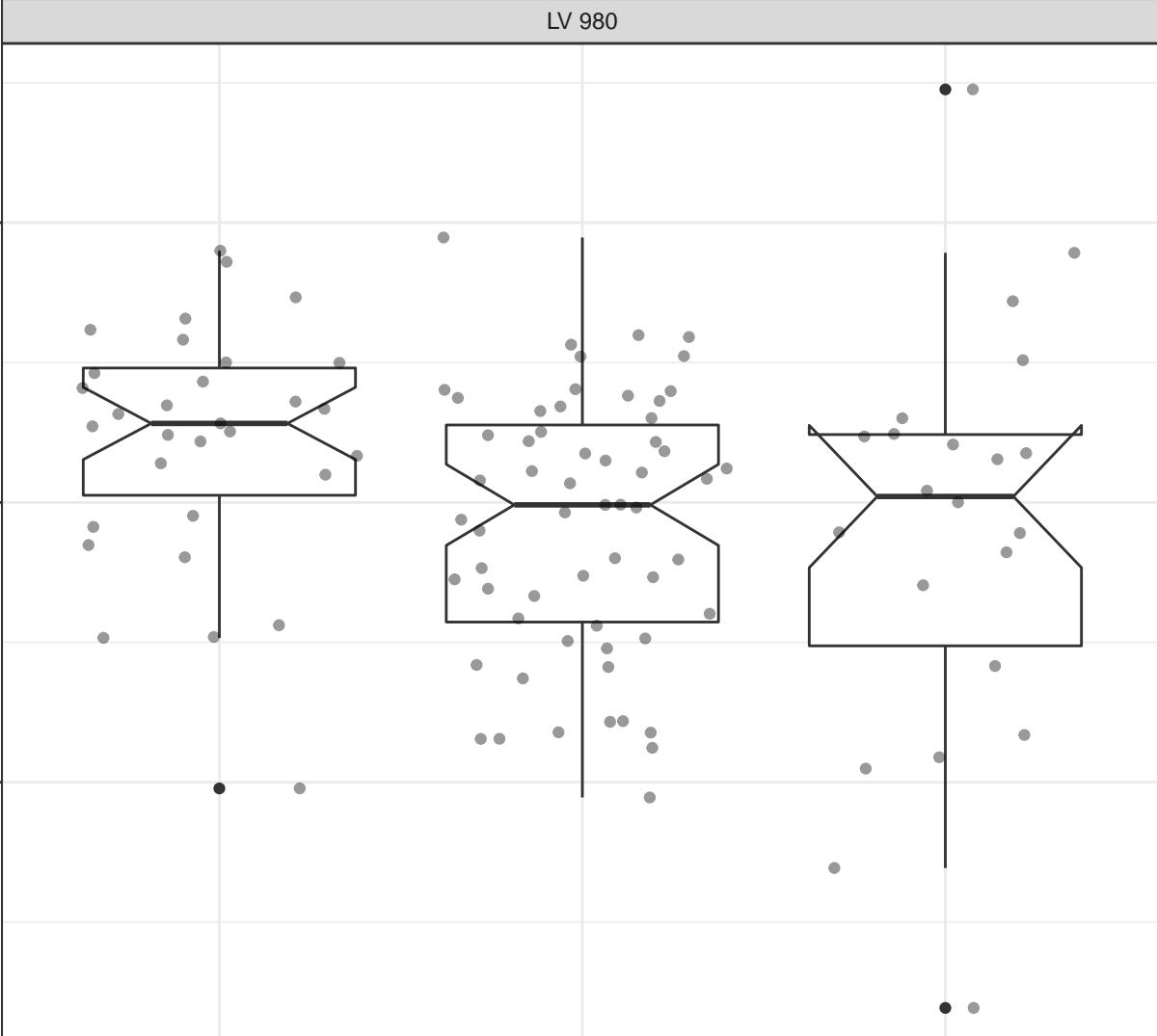
-0.04

Living donor control

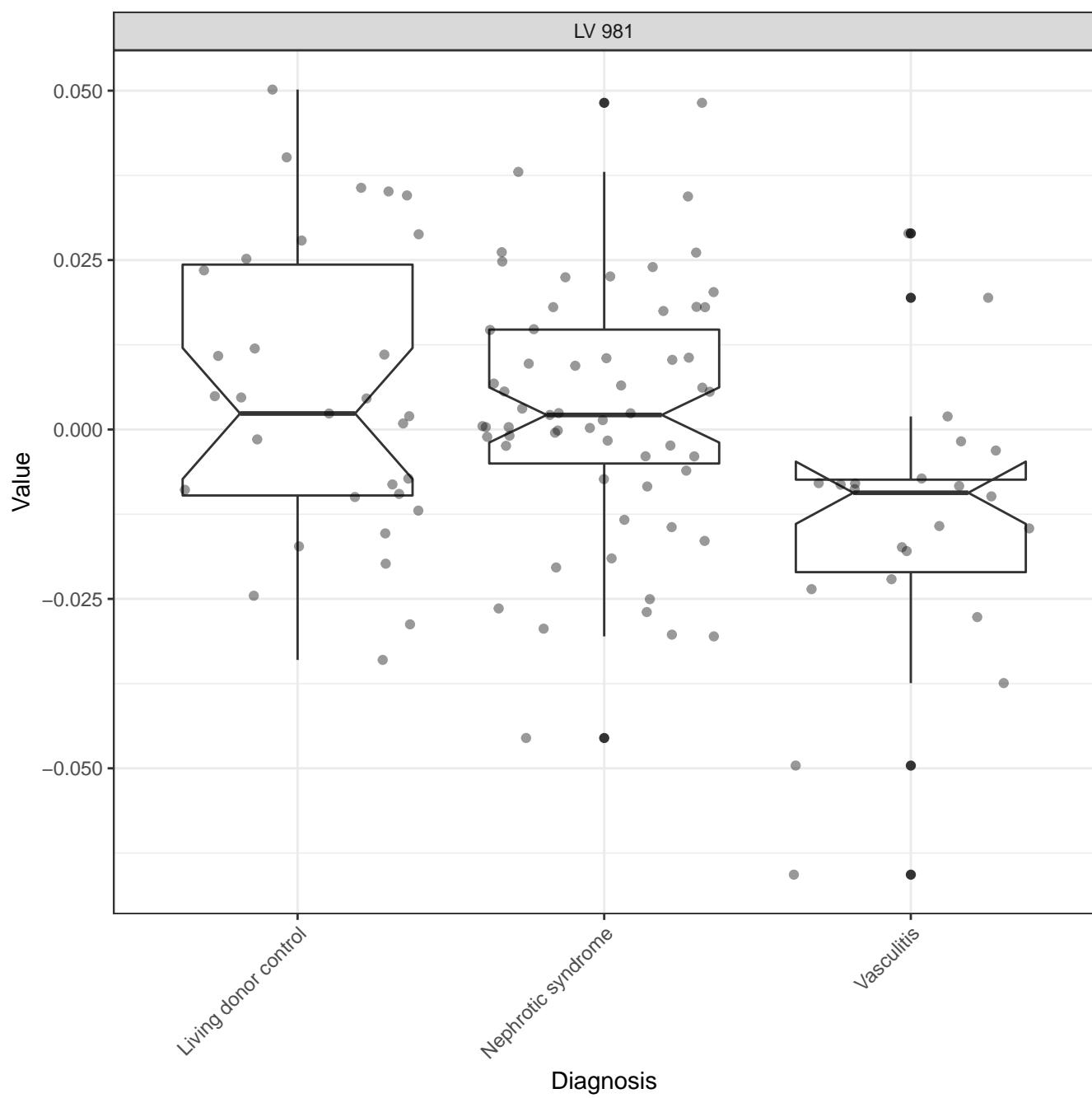
Nephrotic syndrome

Vasculitis

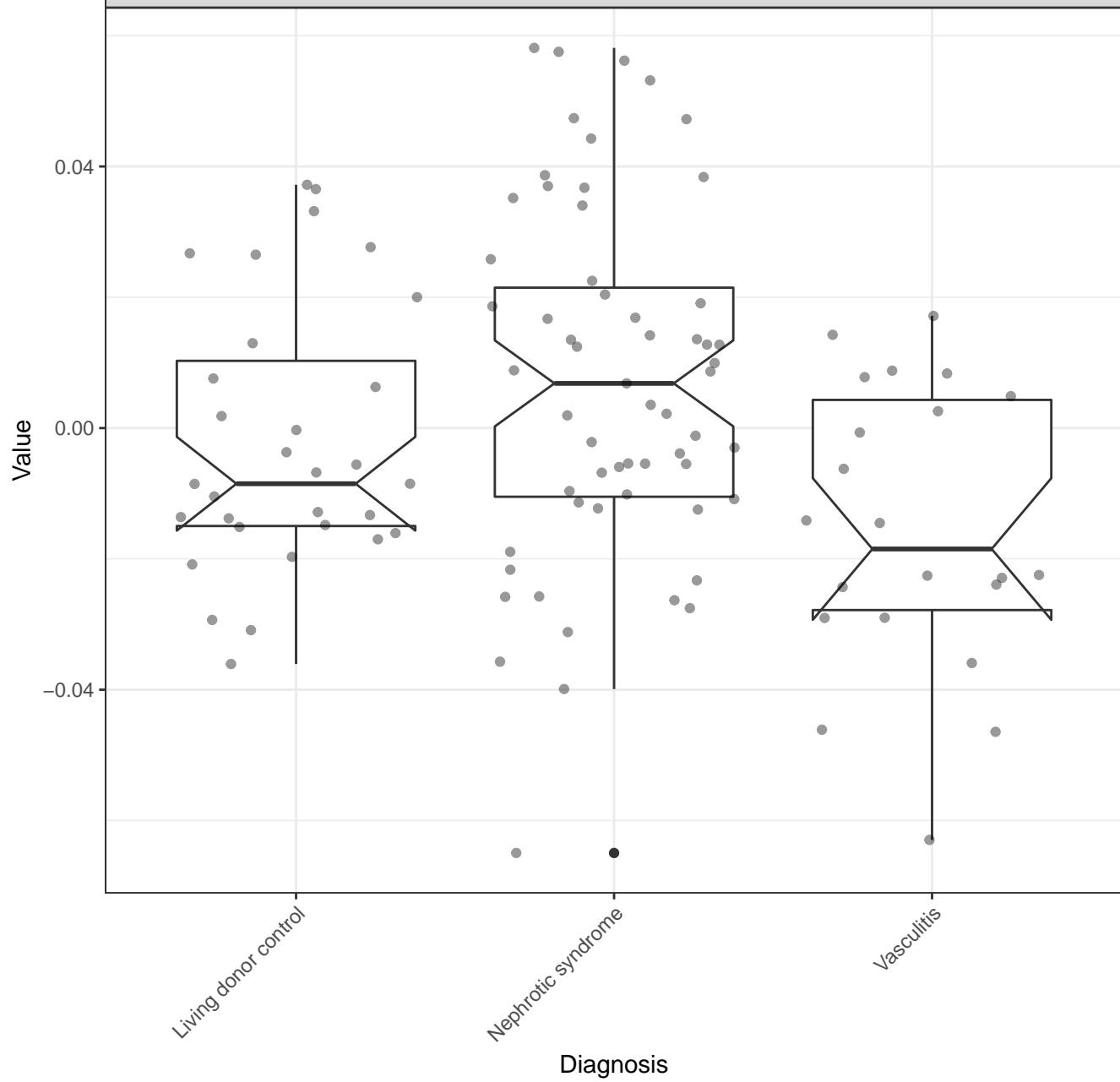
Diagnosis



## LV 981



LV 982



Value

0.02

0.00

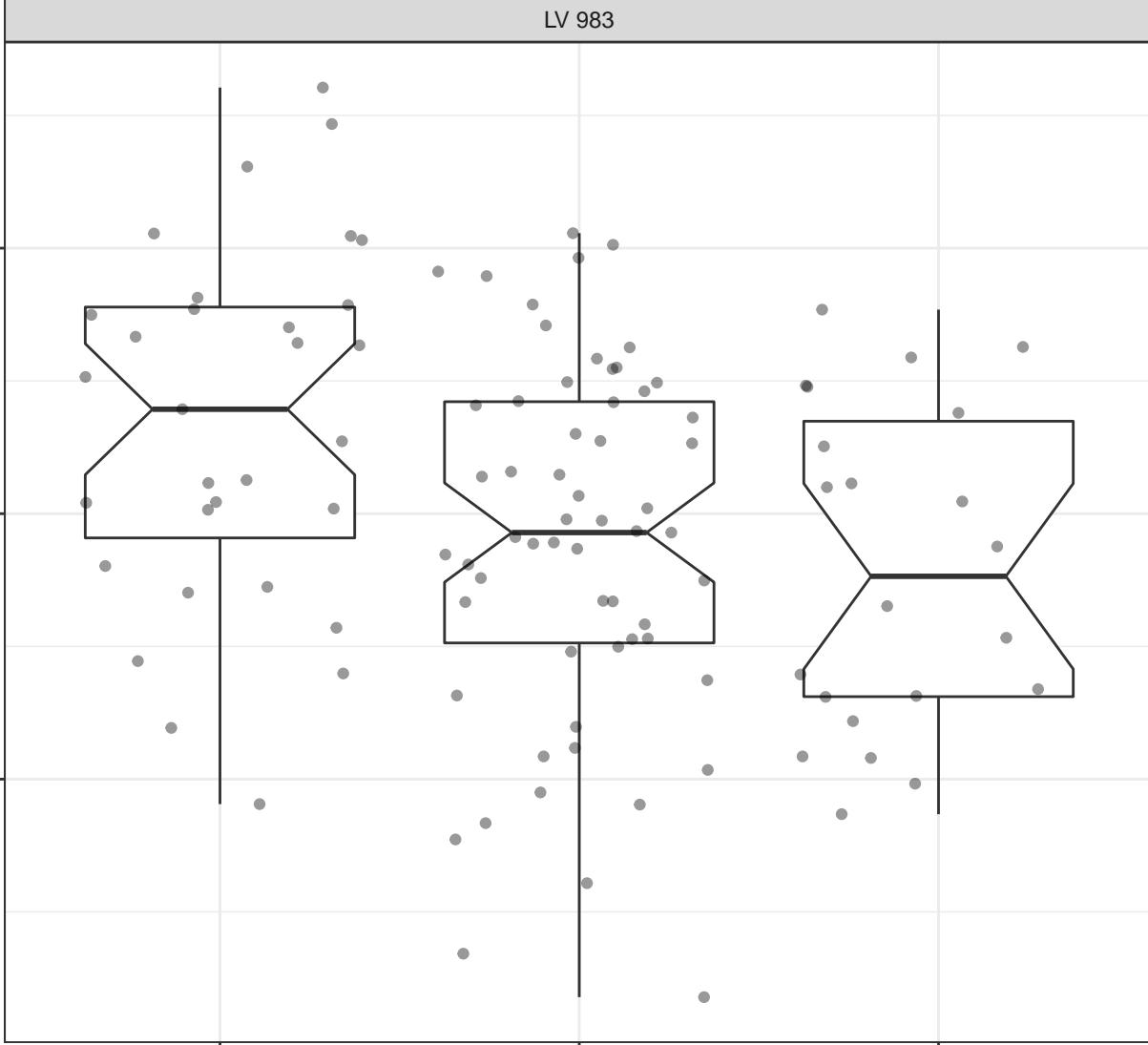
-0.02

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis



LV 984

Value

0.3

0.2

0.1

-0.1

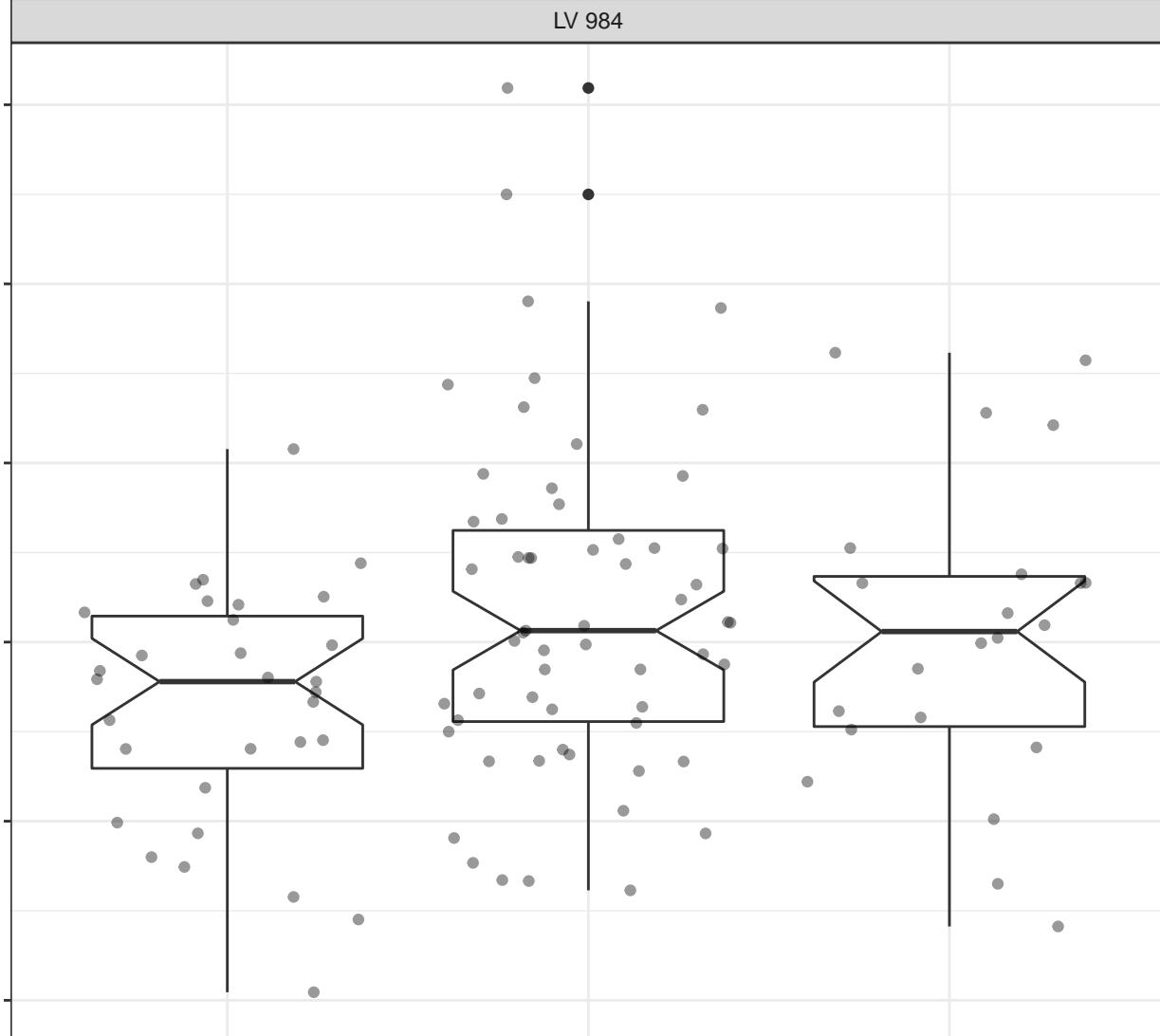
-0.2

Living donor control

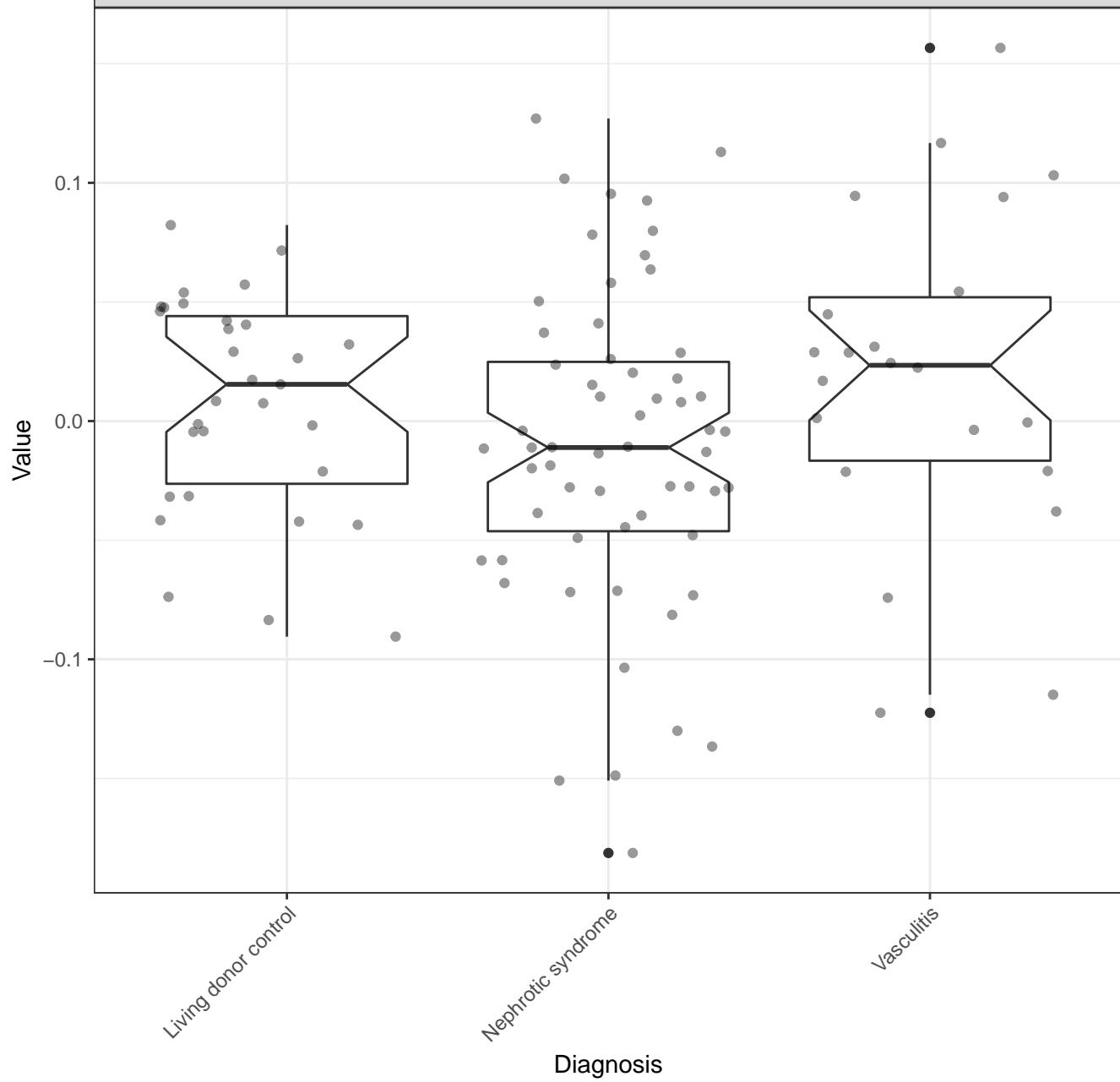
Nephrotic syndrome

Vasculitis

Diagnosis



## 985,IRIS\_Neutrophil–Resting



LV 986

Value

0.05

0.00

-0.05

-0.10

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

Value

0.1

0.0

-0.1

Living donor control

Nephrotic syndrome

Vasculitis

Diagnosis

