

## 1,IRIS\_Monocyte-Day1

Value

0.4

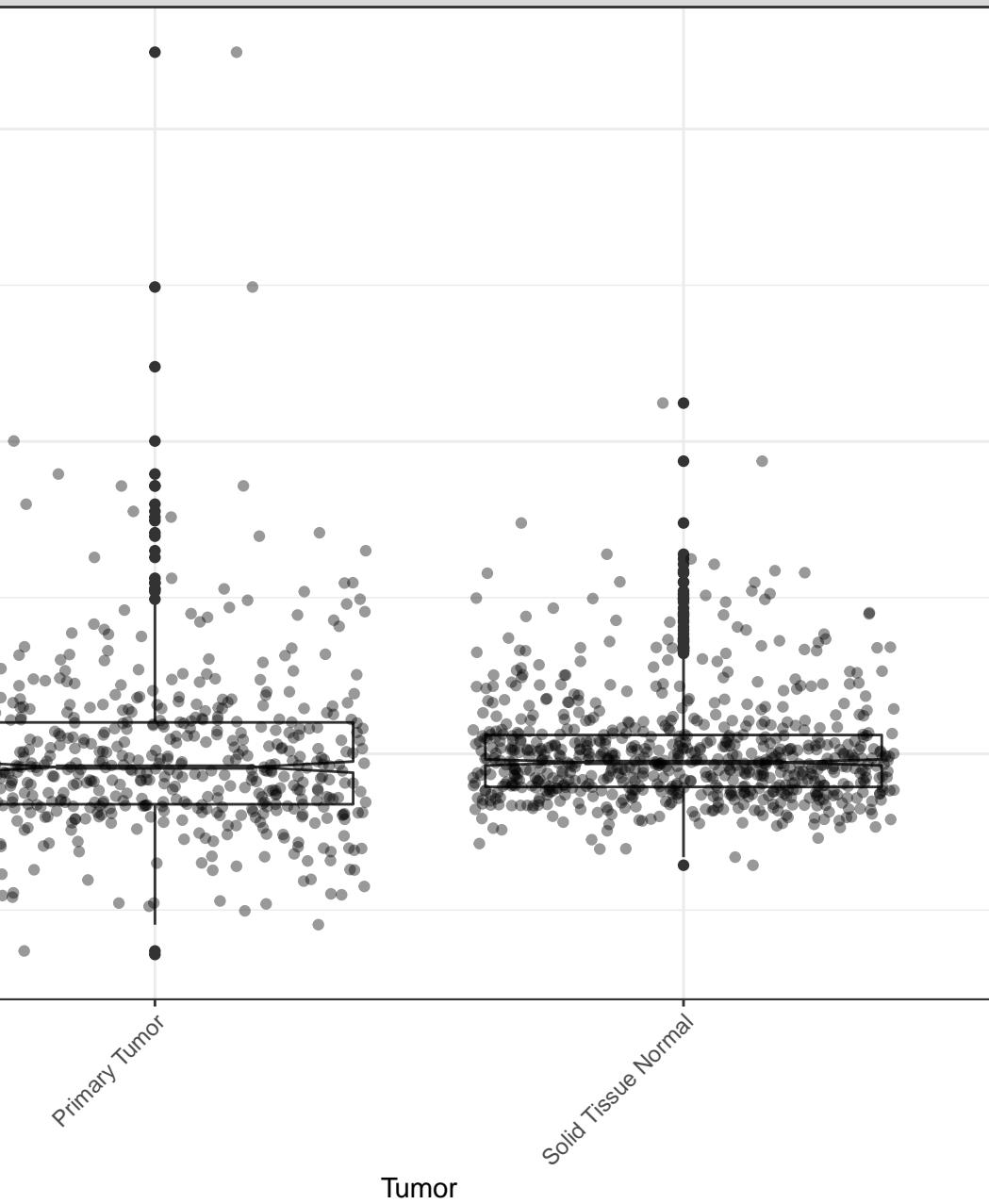
0.2

0.0

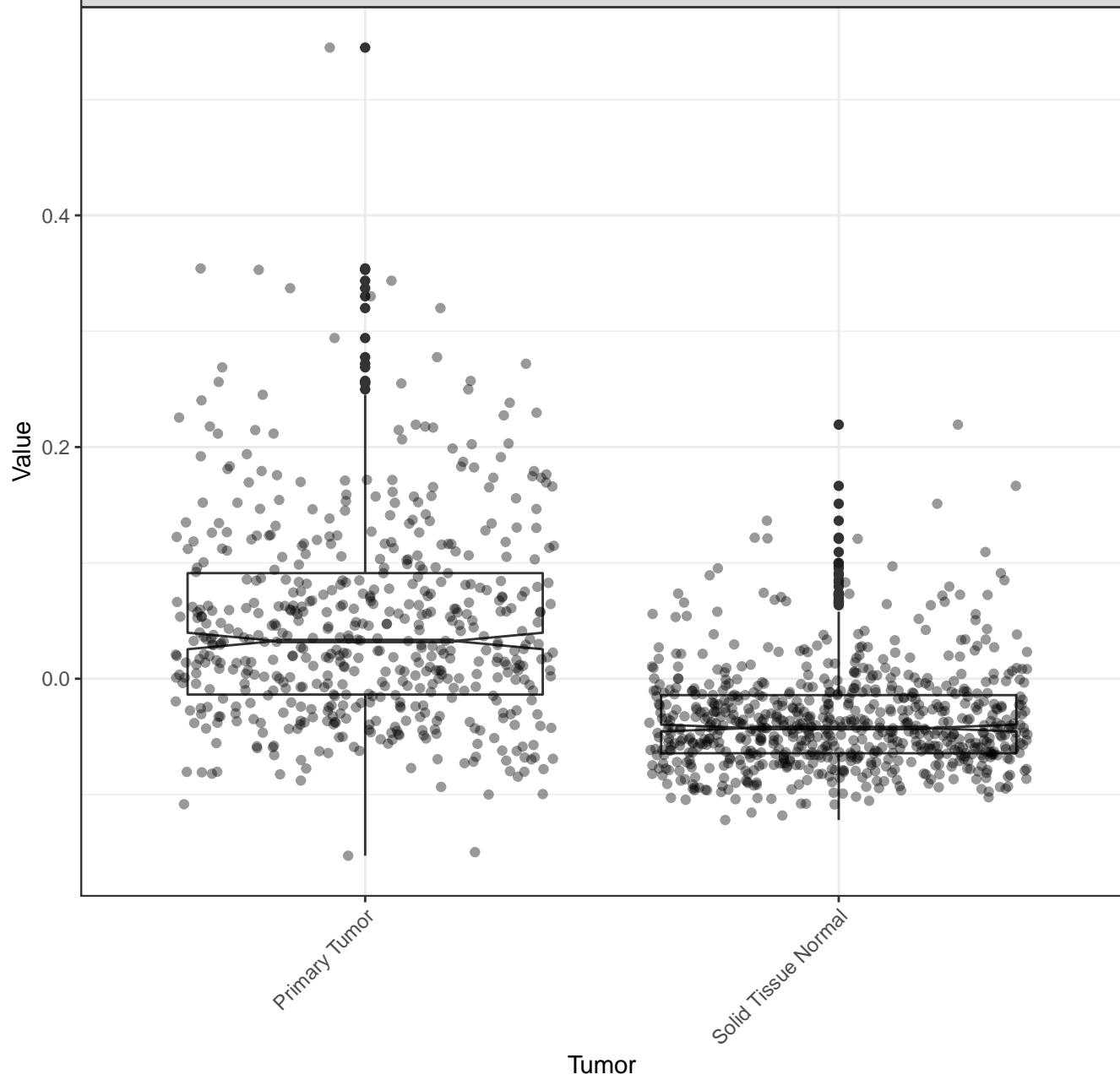
Primary Tumor

Solid Tissue Normal

Tumor

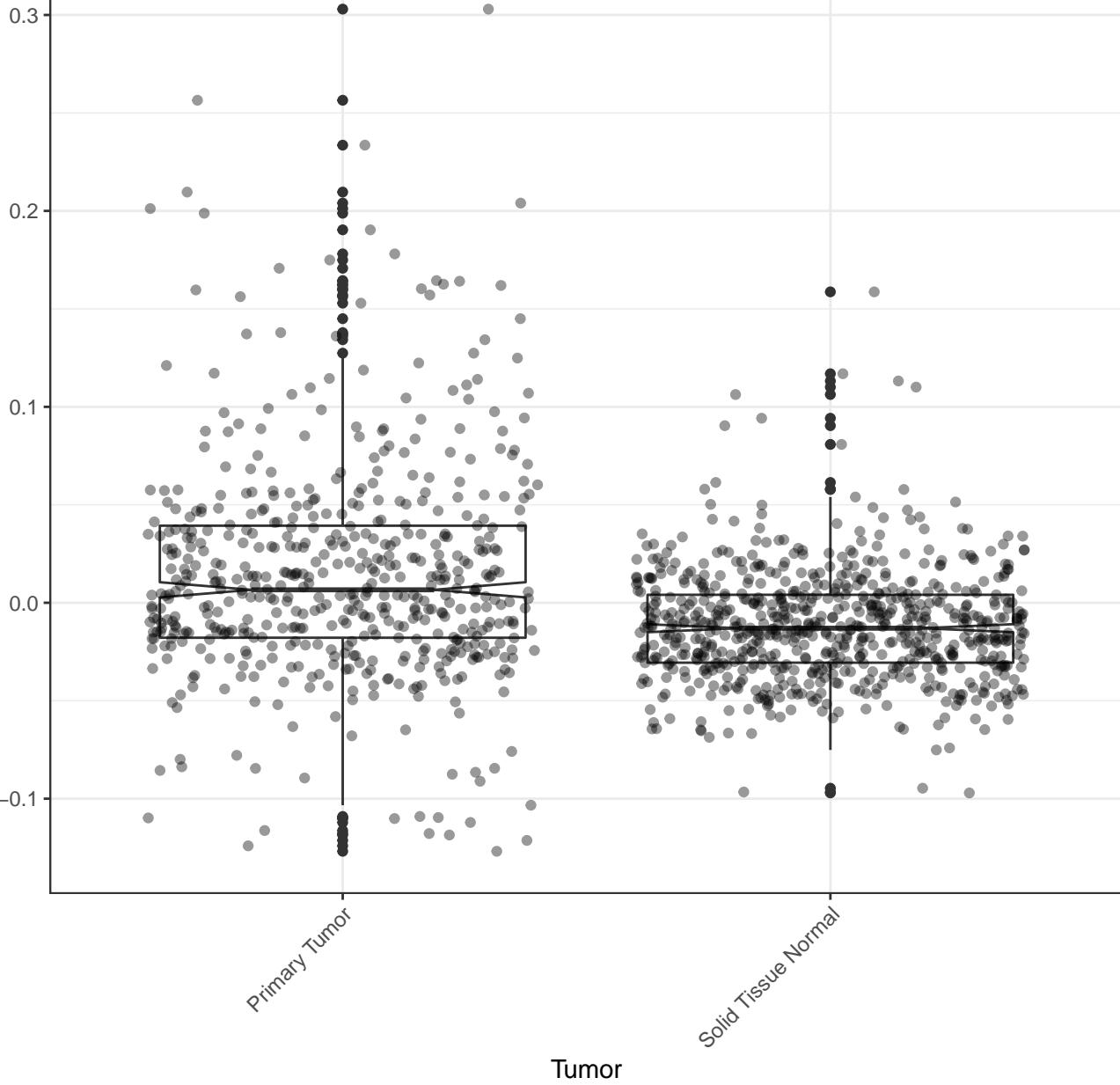


## 2,REACTOME\_DNA\_REPLICATION

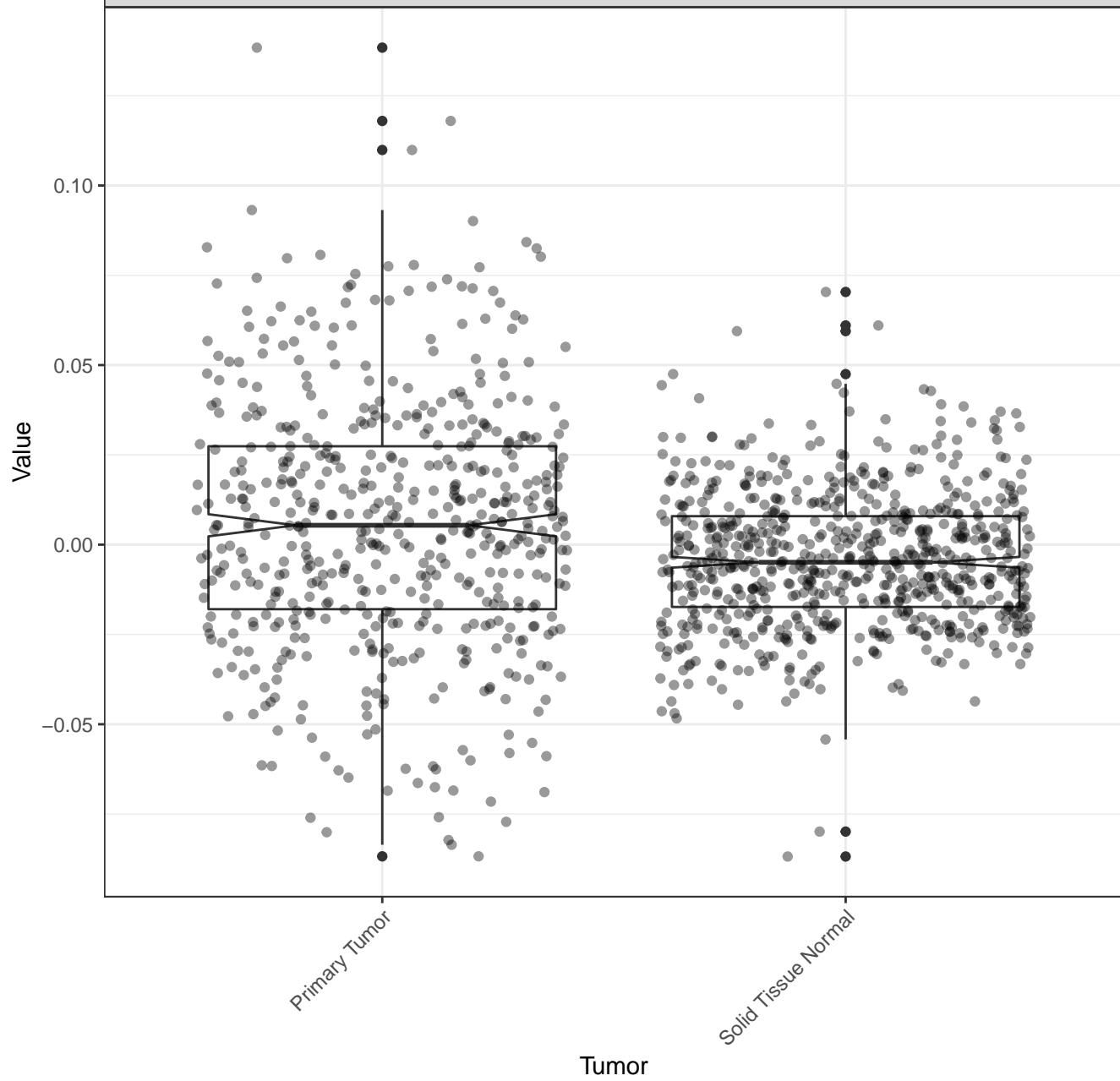


### 3,REACTOME\_TCA\_CYCLE\_AND\_RESPIRATORY\_ELECTRON\_TRANSPORT

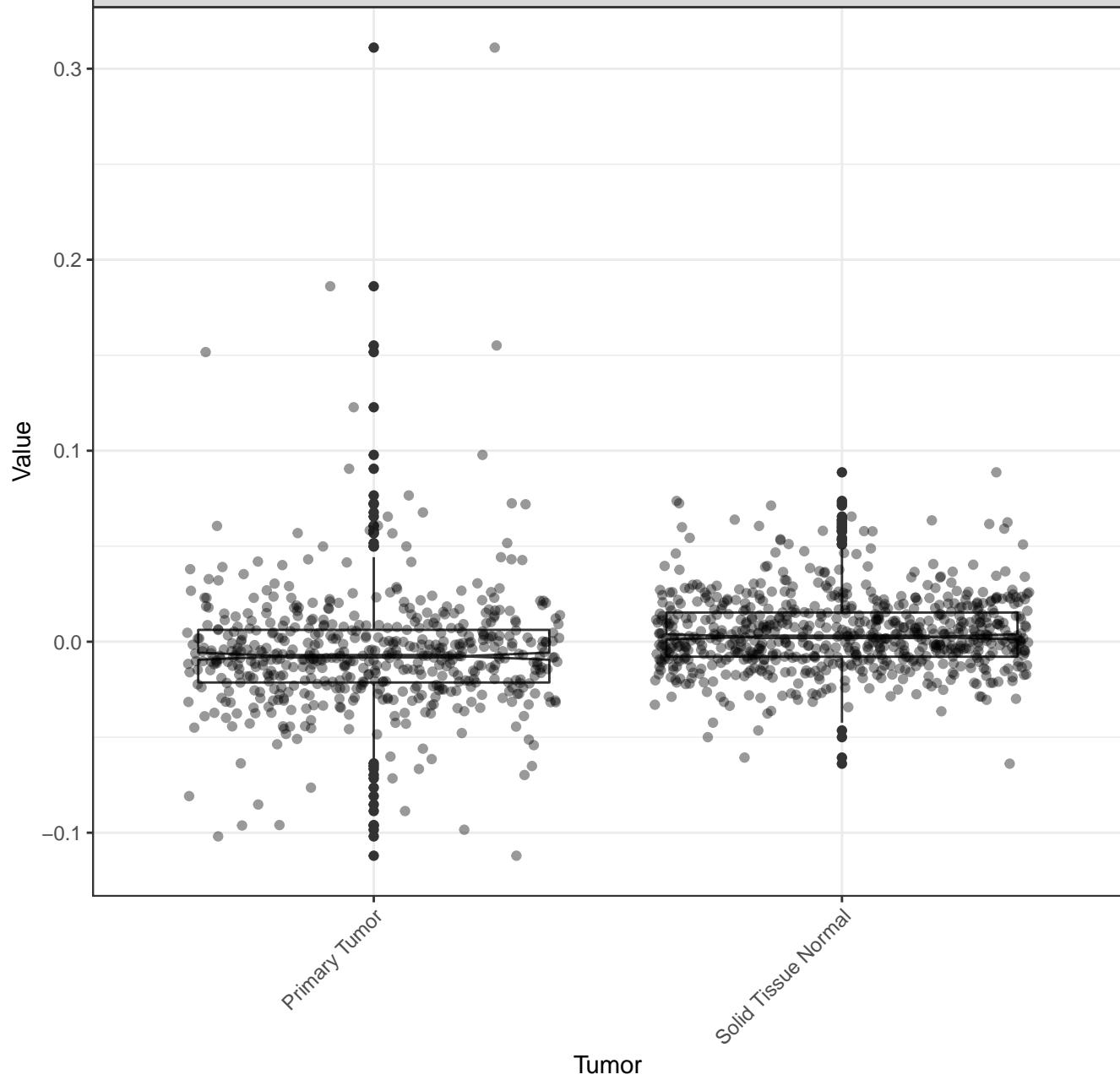
Value



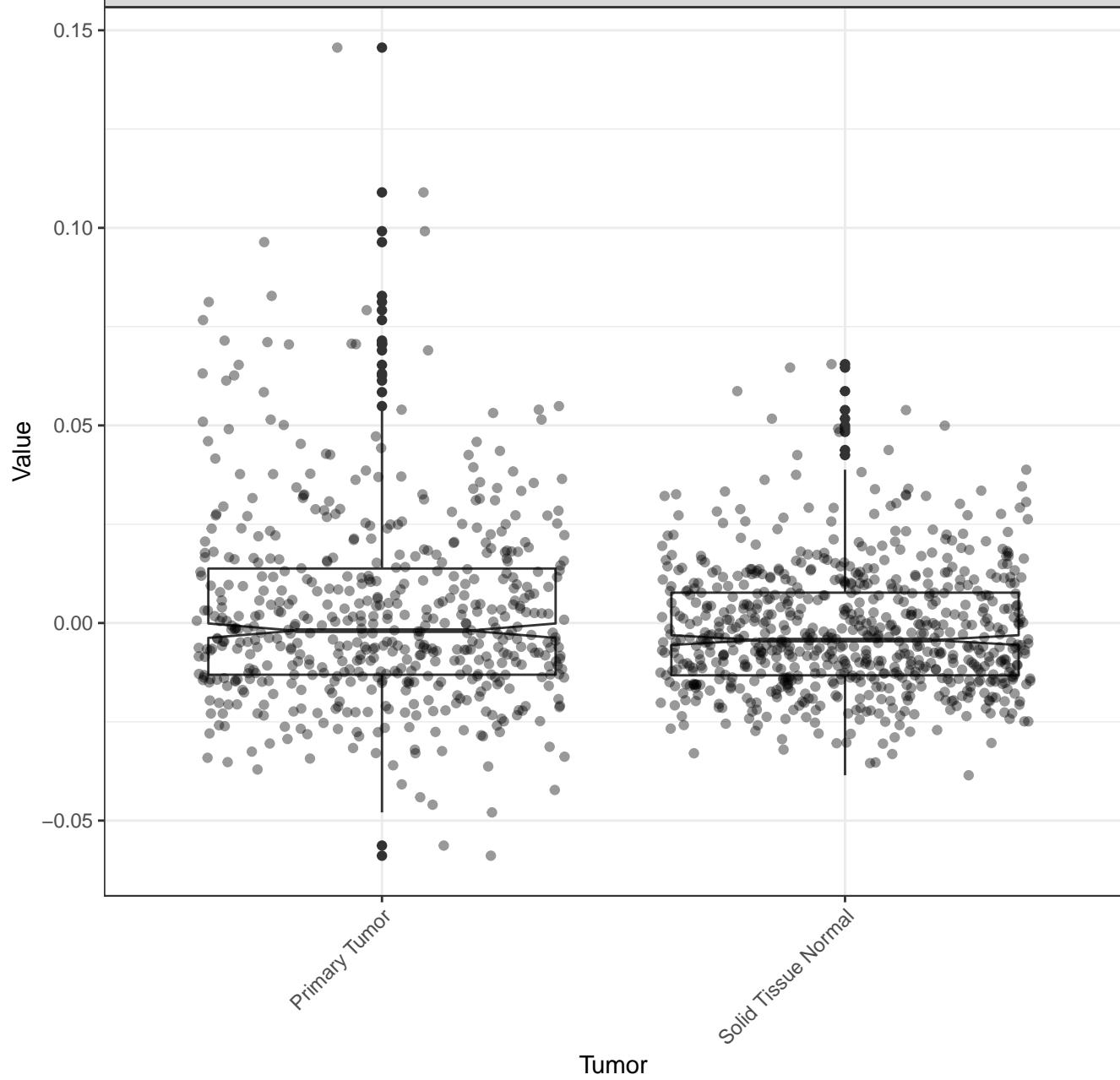
#### 4,REACTOME\_METABOLISM\_OF\_NUCLEOTIDES



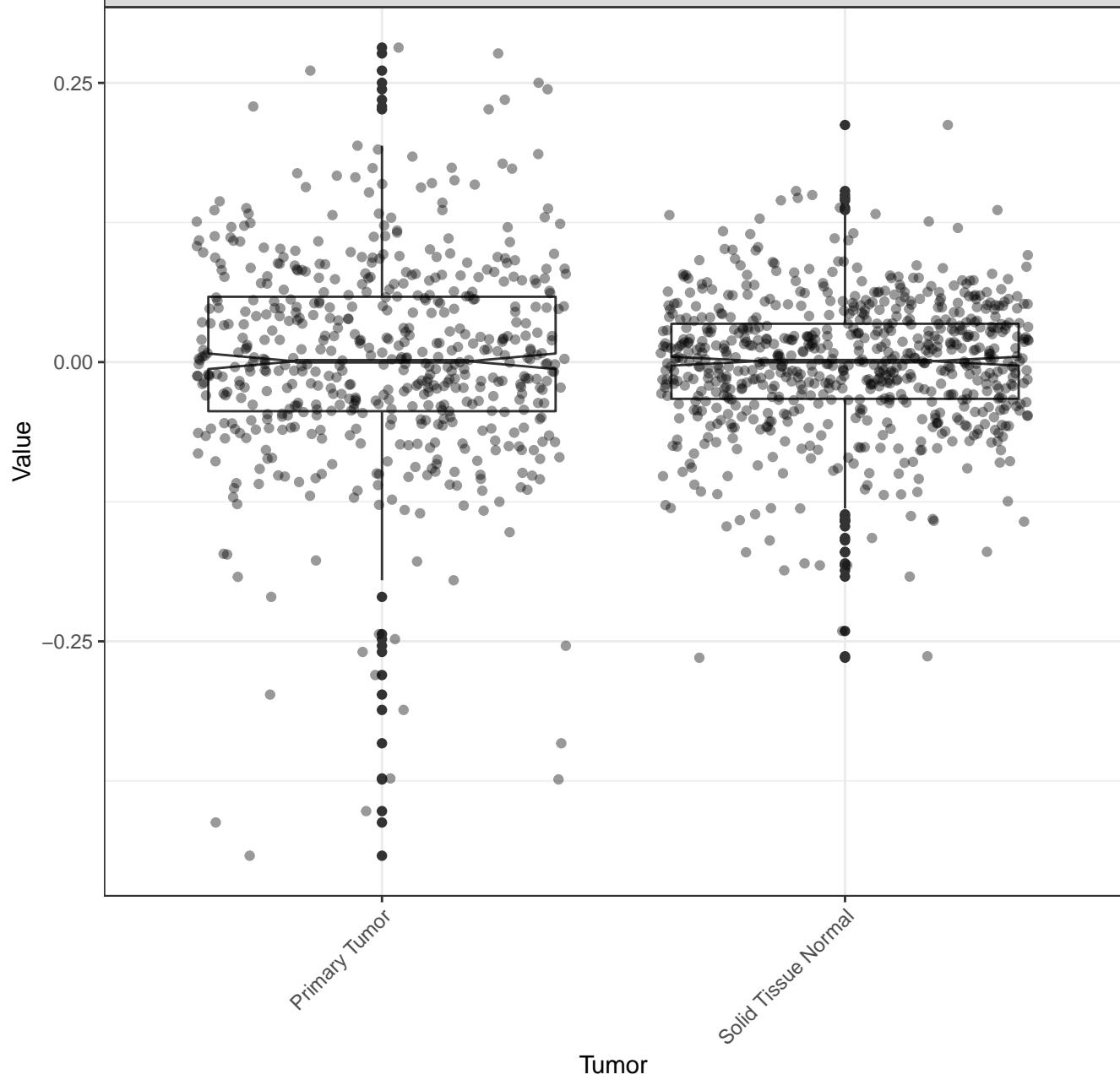
# 5,REACTOME\_NEURONAL\_SYSTEM



### 6,KEGG\_CYTOKINE\_CYTOKINE\_RECECTOR\_INTERACTION



## 7,REACTOME\_MRNA\_SPLICING



## 8,REACTOME\_INFLUENZA\_VIRAL\_RNA\_TRANSCRIPTION\_AND\_REPLICATION

Value

0.25

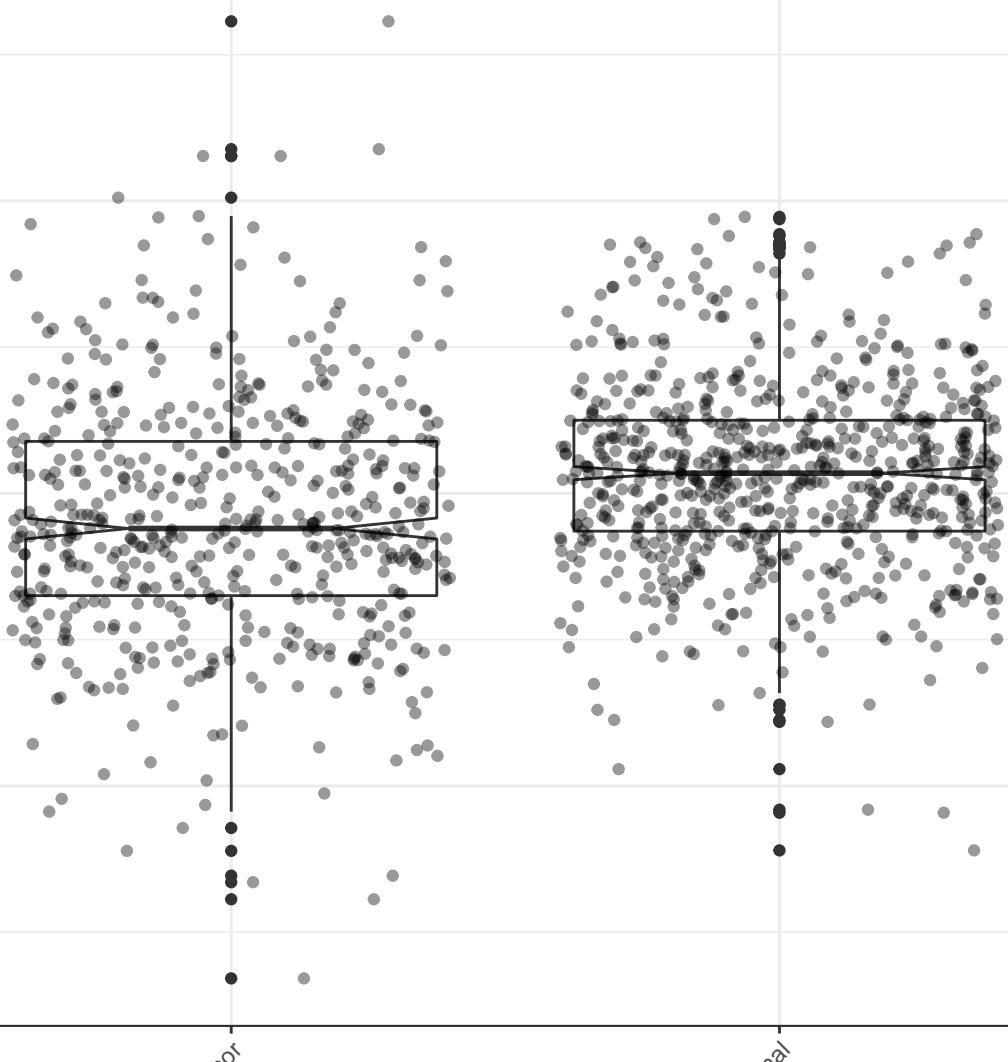
0.00

-0.25

Primary Tumor

Solid Tissue Normal

Tumor



## 9,PID\_TCR\_PATHWAY

Value

0.4

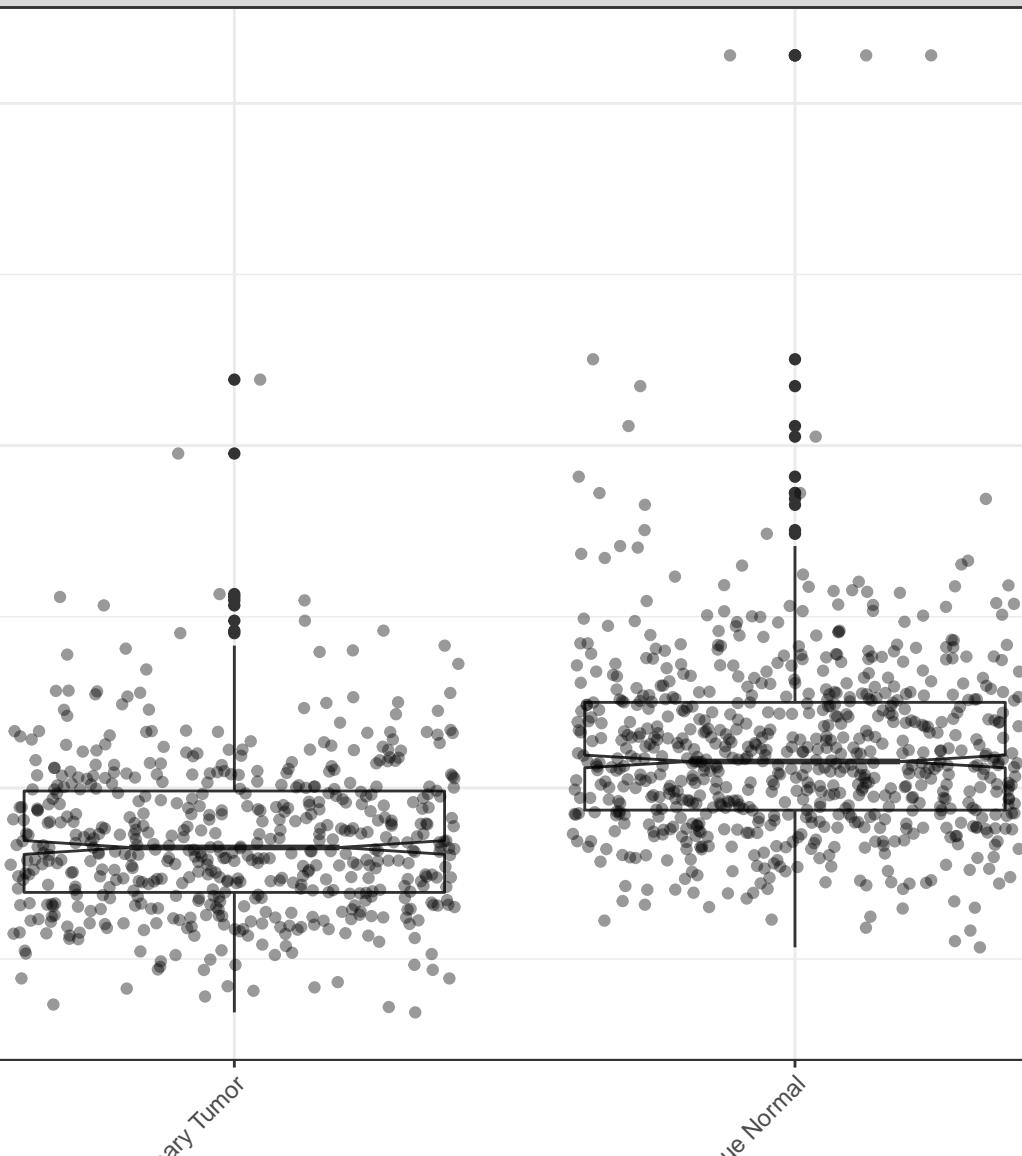
0.2

0.0

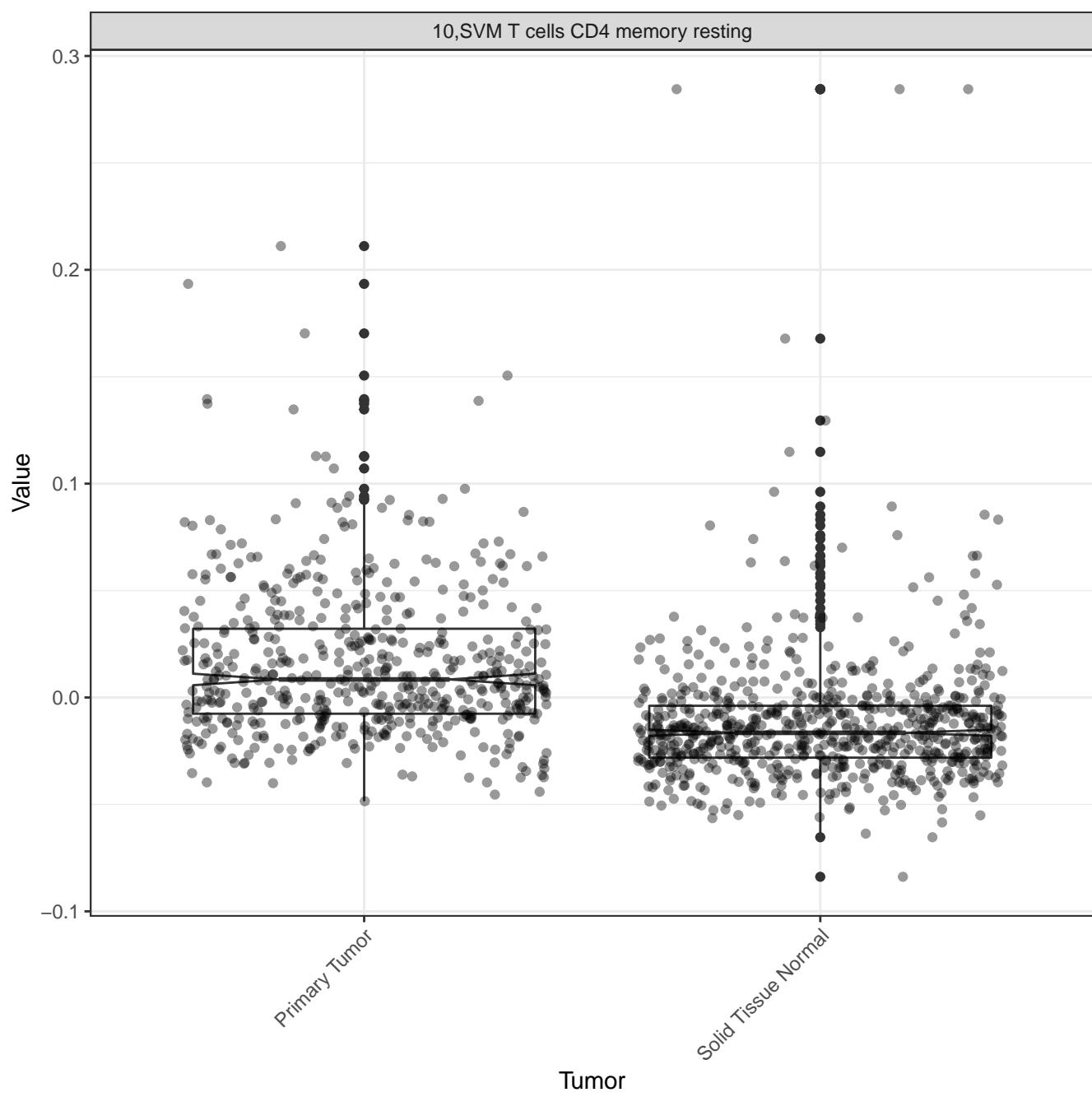
Primary Tumor

Solid Tissue Normal

Tumor



### 10,SVM T cells CD4 memory resting



## 11,IRIS\_DendriticCell-Control

Value

0.4

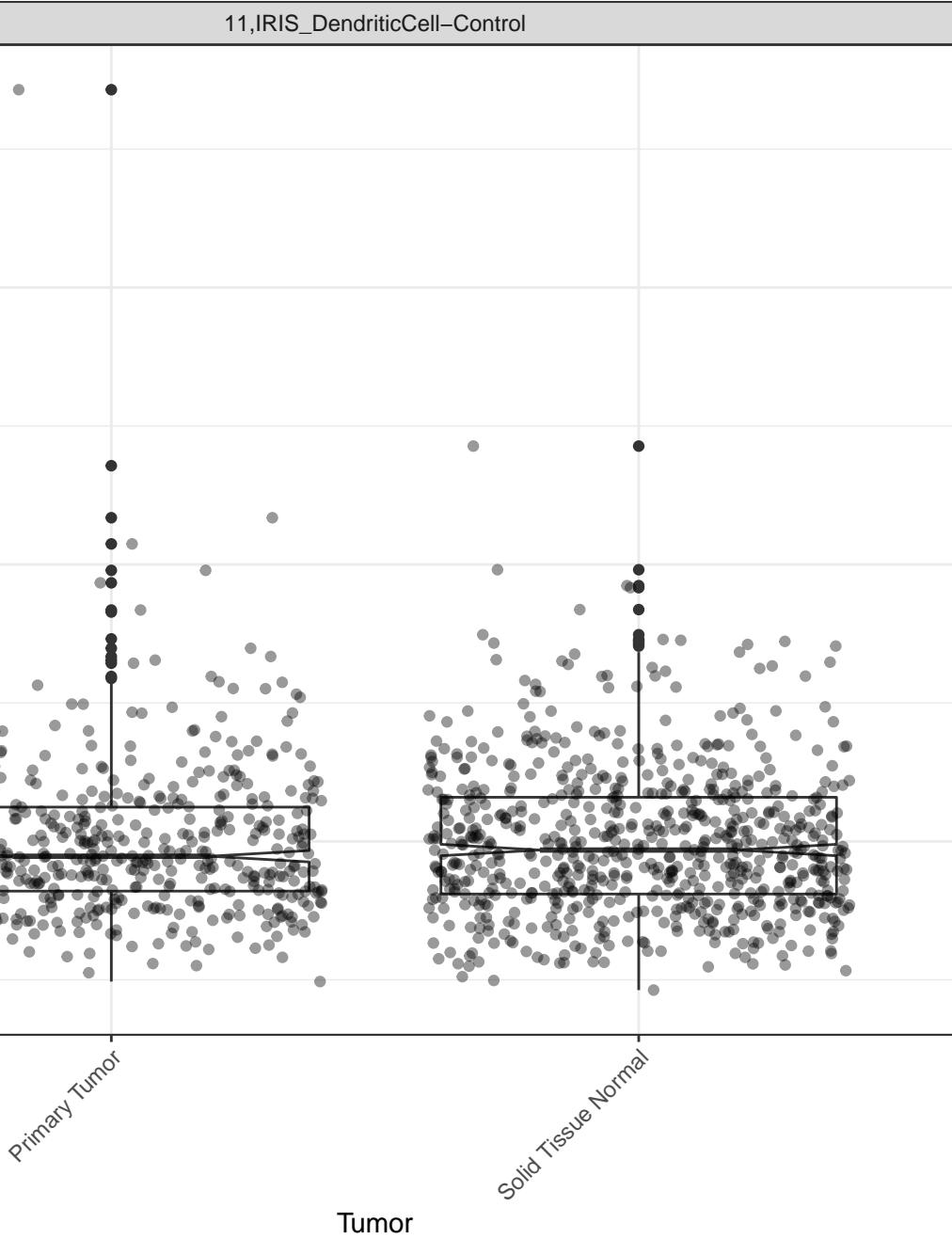
0.2

0.0

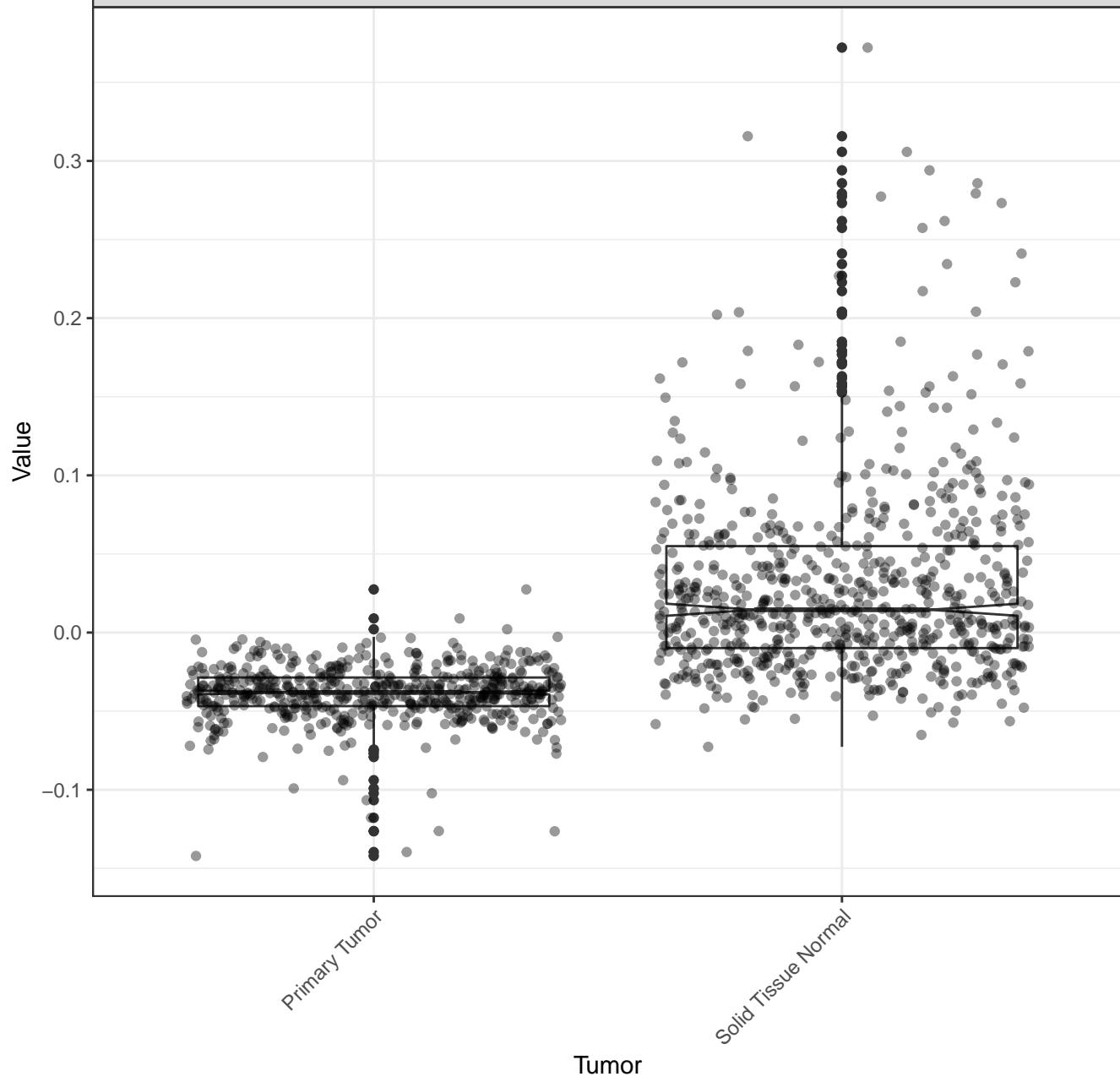
Primary Tumor

Solid Tissue Normal

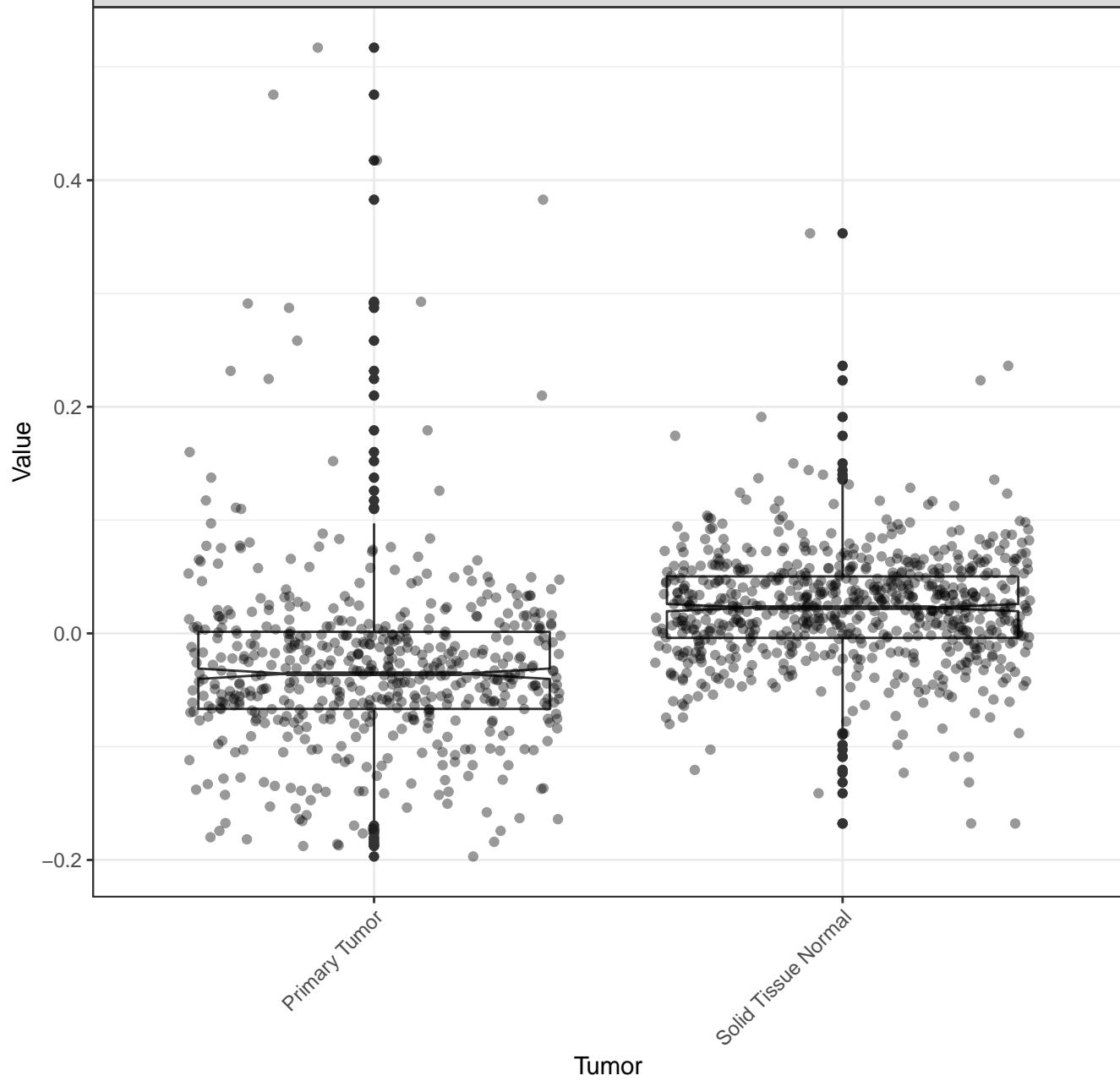
Tumor



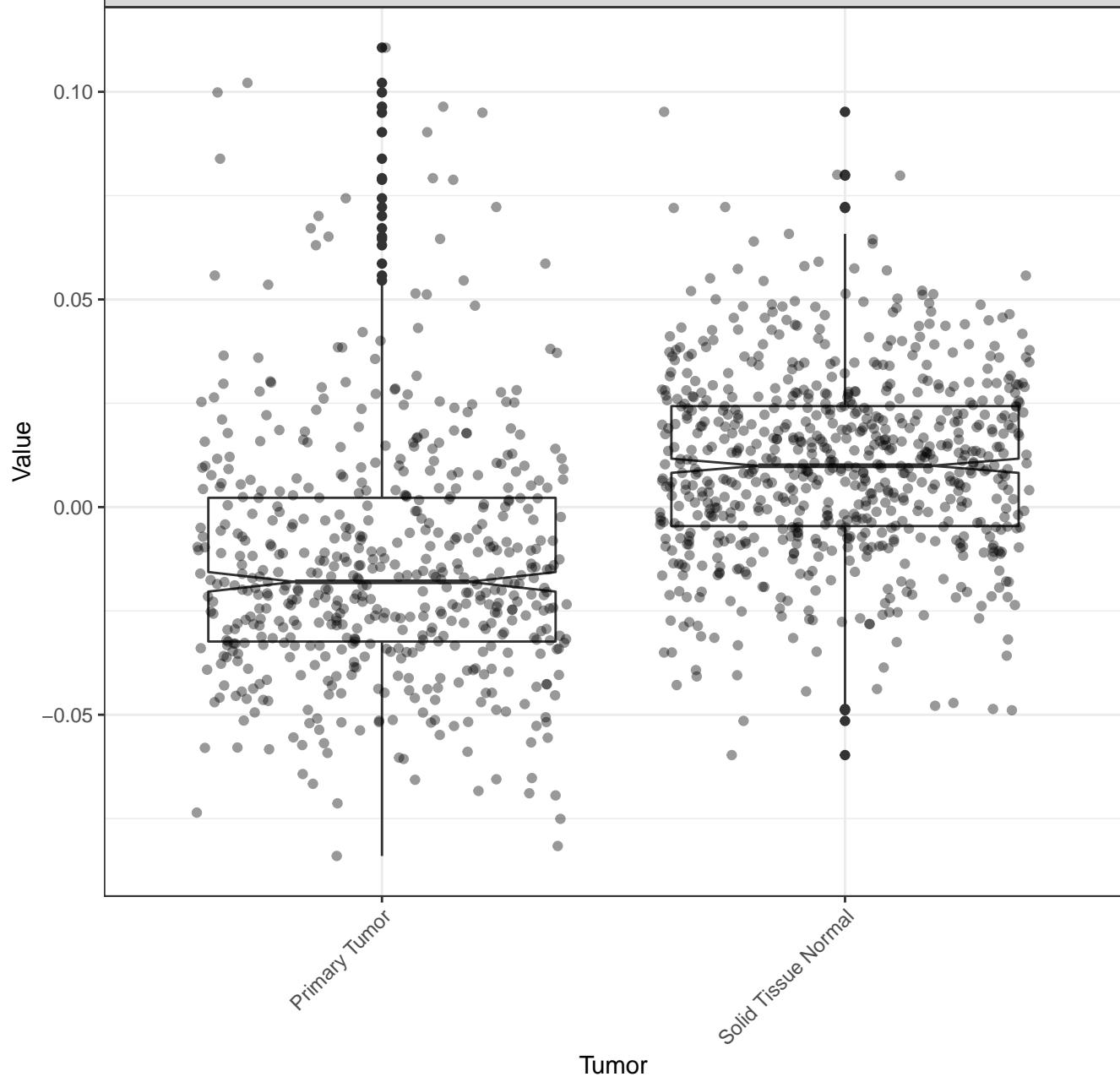
### 12,SVM Neutrophils



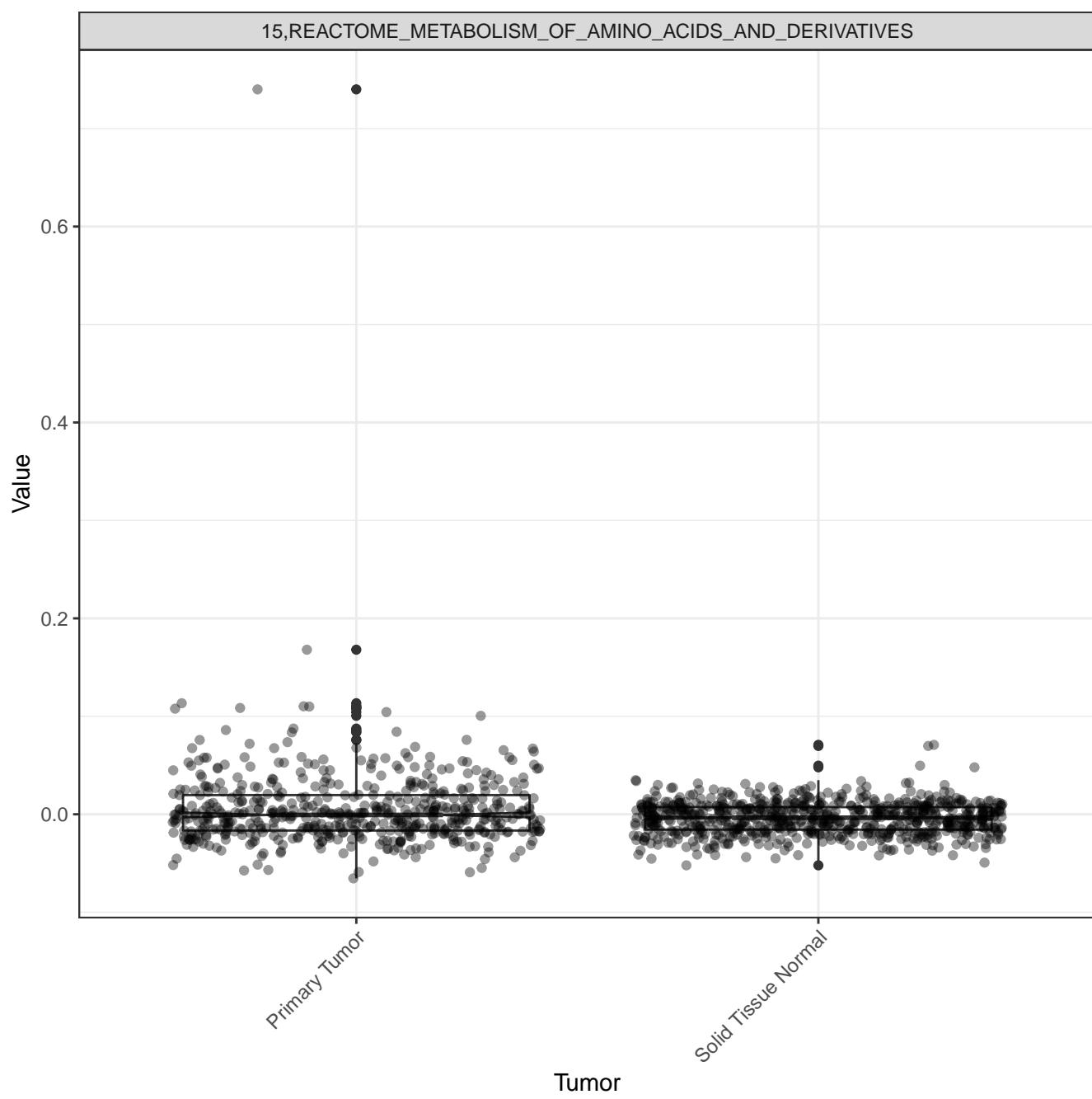
## 13,REACTOME DEVELOPMENTAL BIOLOGY



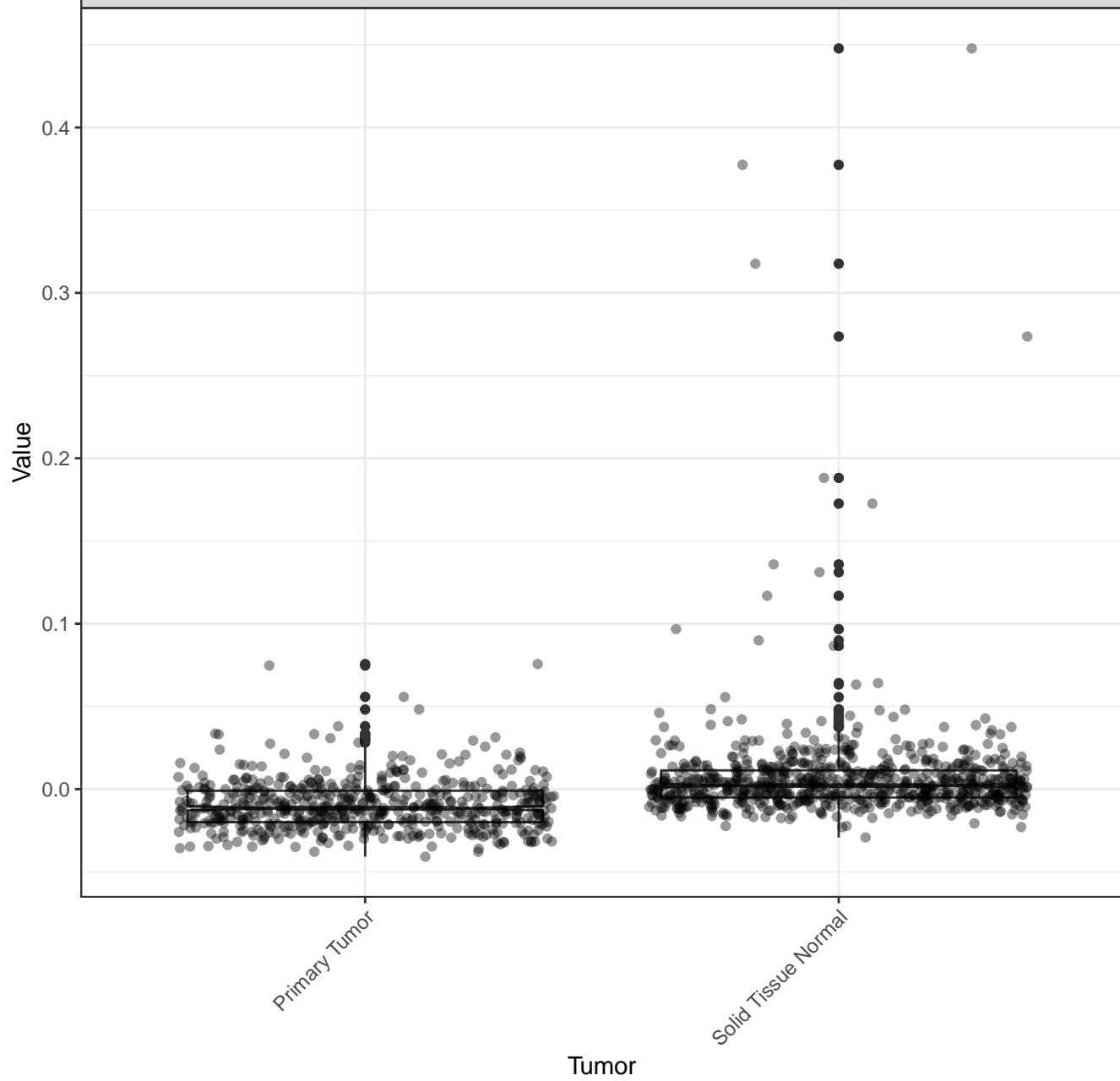
## 14,REACTOME\_NEURONAL\_SYSTEM



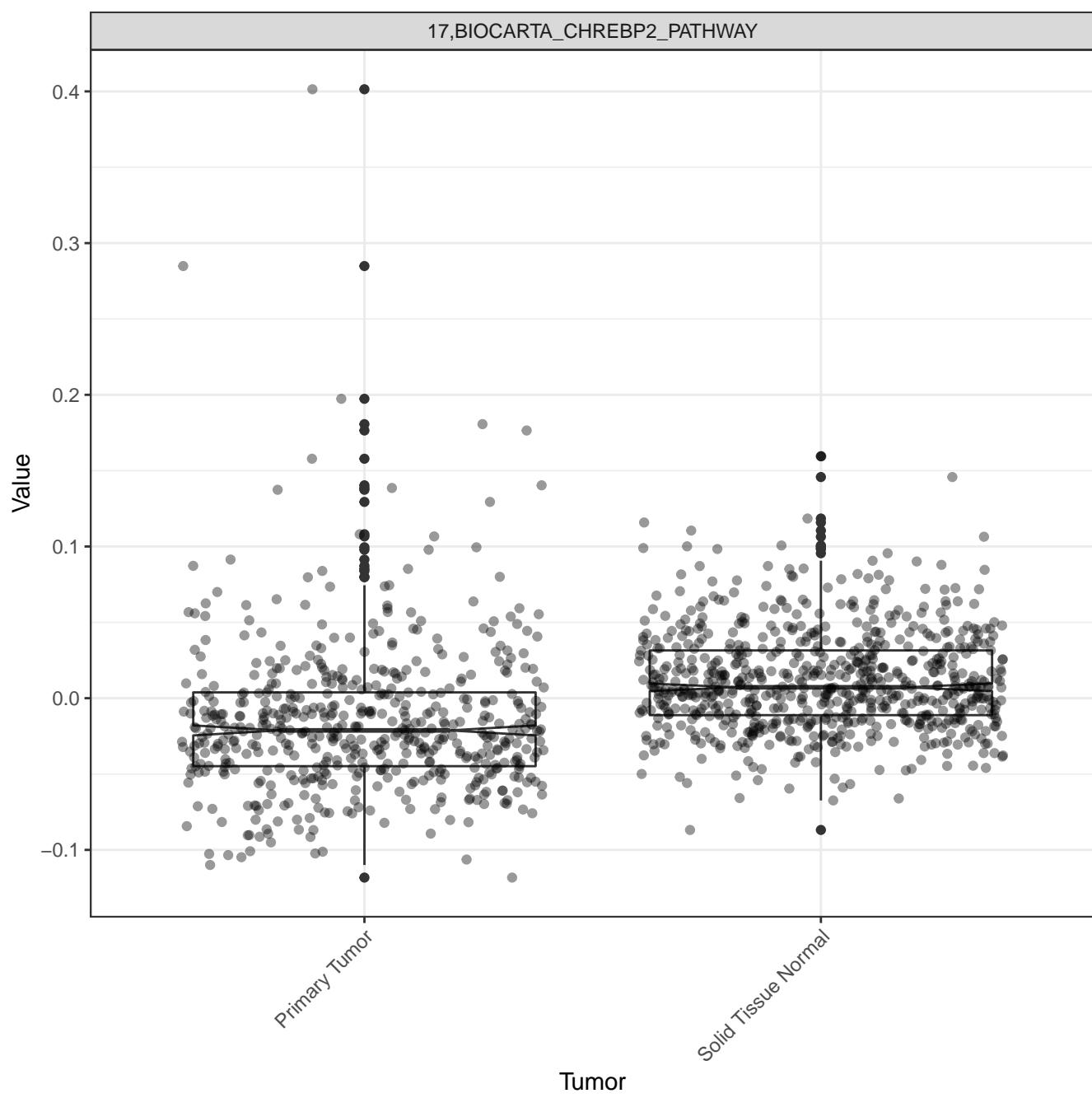
### 15,REACTOME\_METABOLISM\_OF\_AMINO\_ACIDS\_AND\_DERIVATIVES



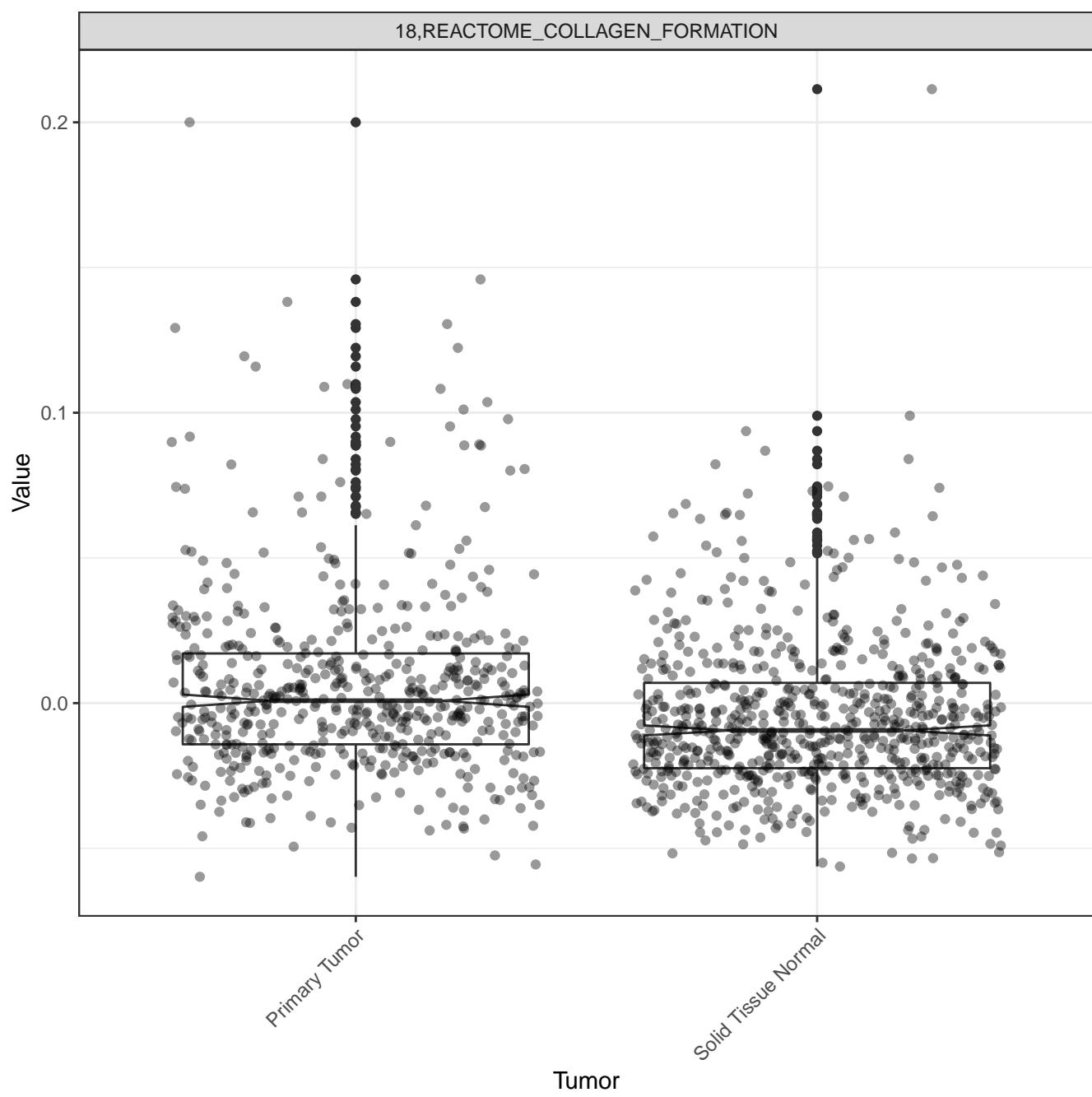
# 16,KEGG\_CALCIUM\_SIGNALING\_PATHWAY



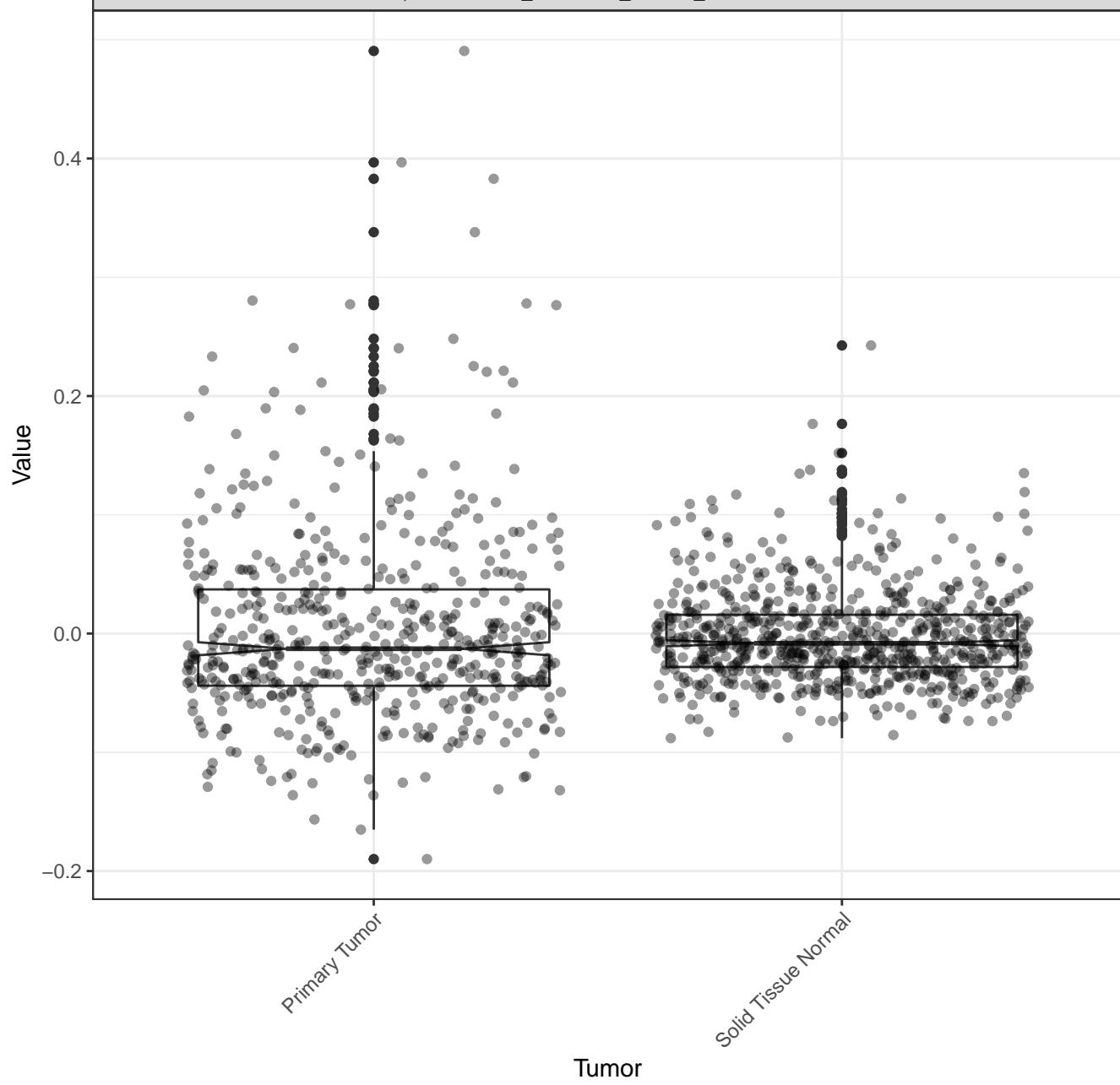
# 17,BIOCARTA\_CHREBP2\_PATHWAY



### 18,REACTOME\_COLLAGEN\_FORMATION



# 19,REACTOME\_PEPTIDE\_CHAIN\_ELONGATION



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

Value

0.05

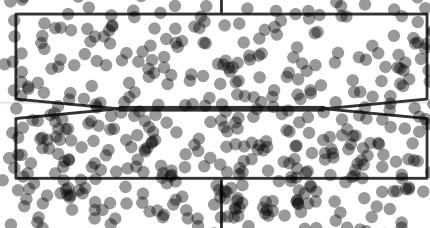
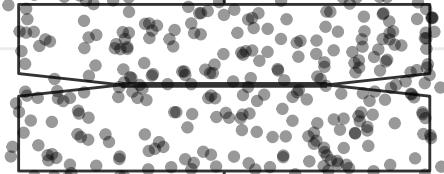
0.00

-0.05

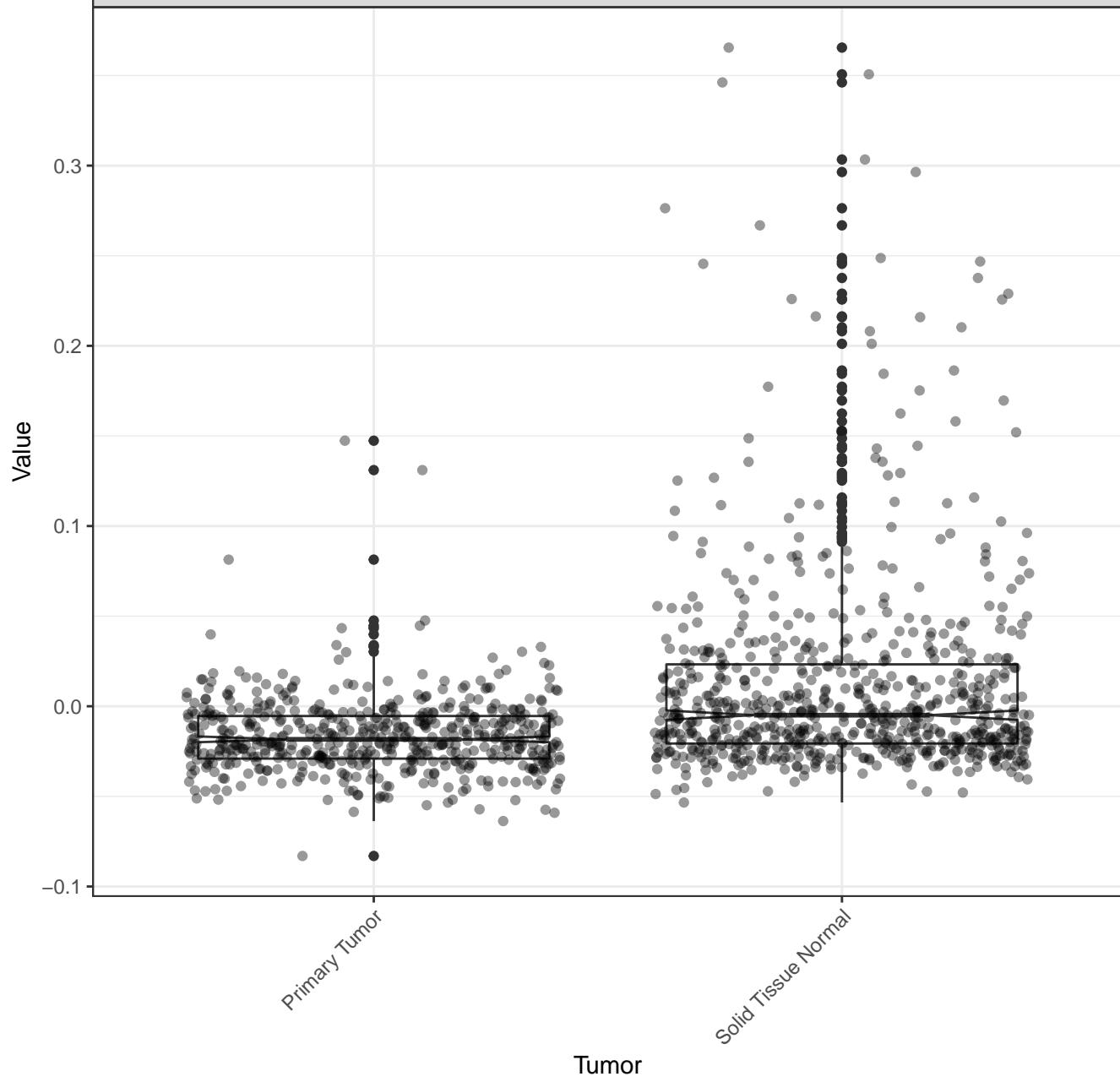
Primary Tumor

Solid Tissue Normal

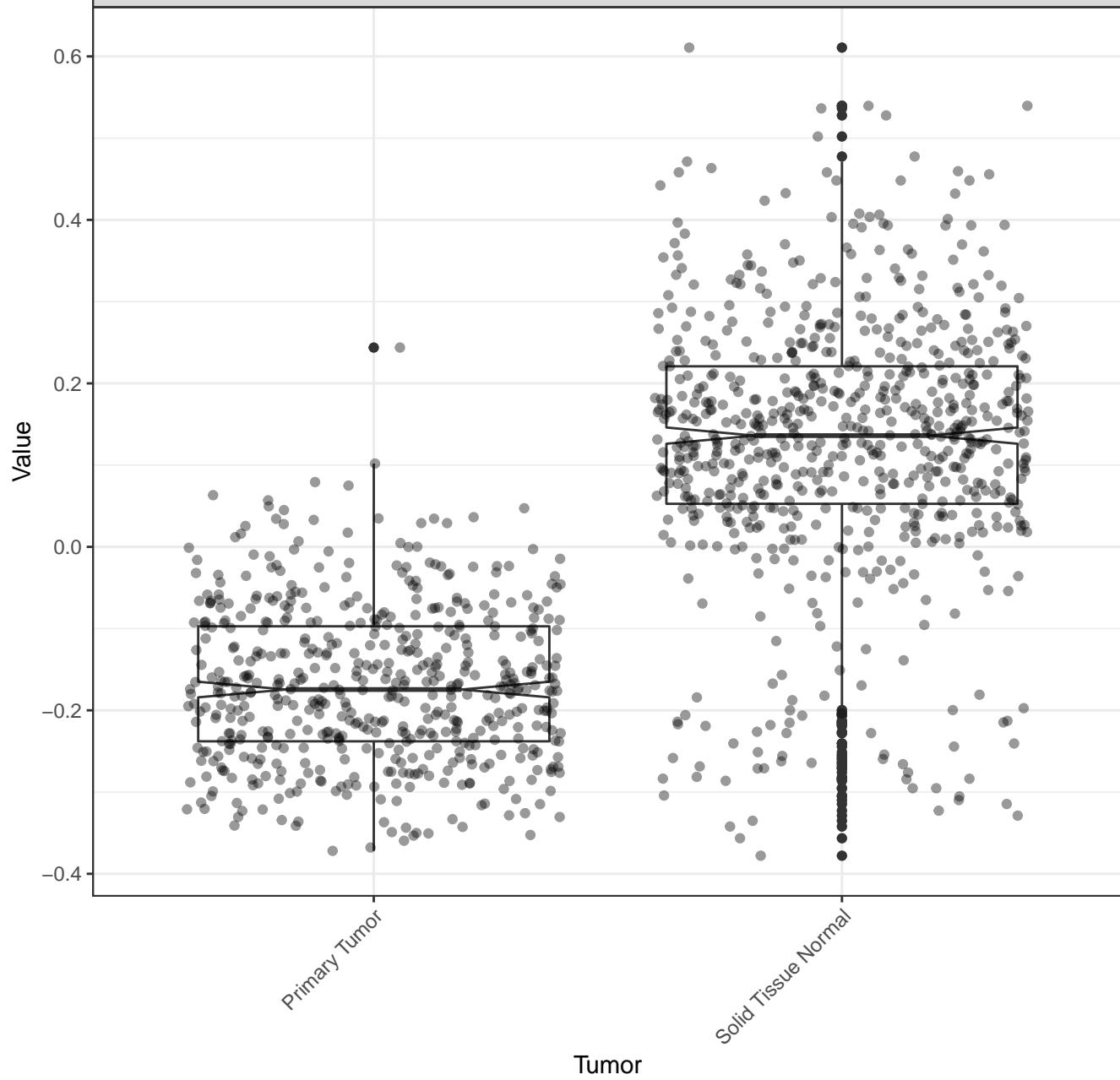
Tumor



## 21,IRIS\_Monocyte-Day1



## 22,KEGG\_PHOSPHATIDYLINOSITOL\_SIGNALING\_SYSTEM



## 23,DMAP\_ERY4

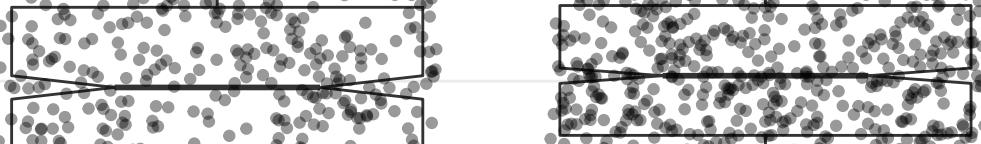
Value

0.10  
0.05  
0.00  
-0.05  
-0.10

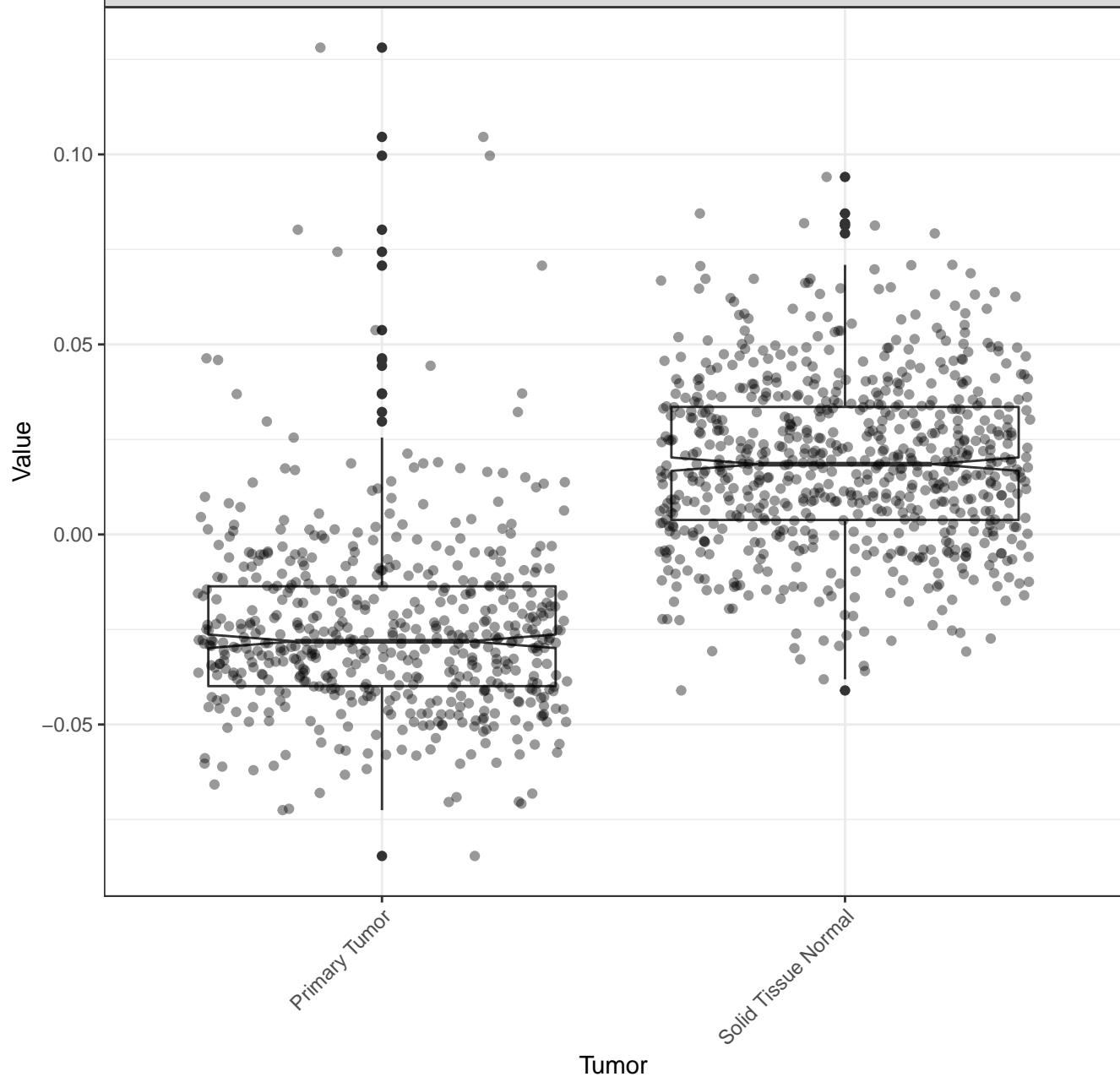
Primary Tumor

Solid Tissue Normal

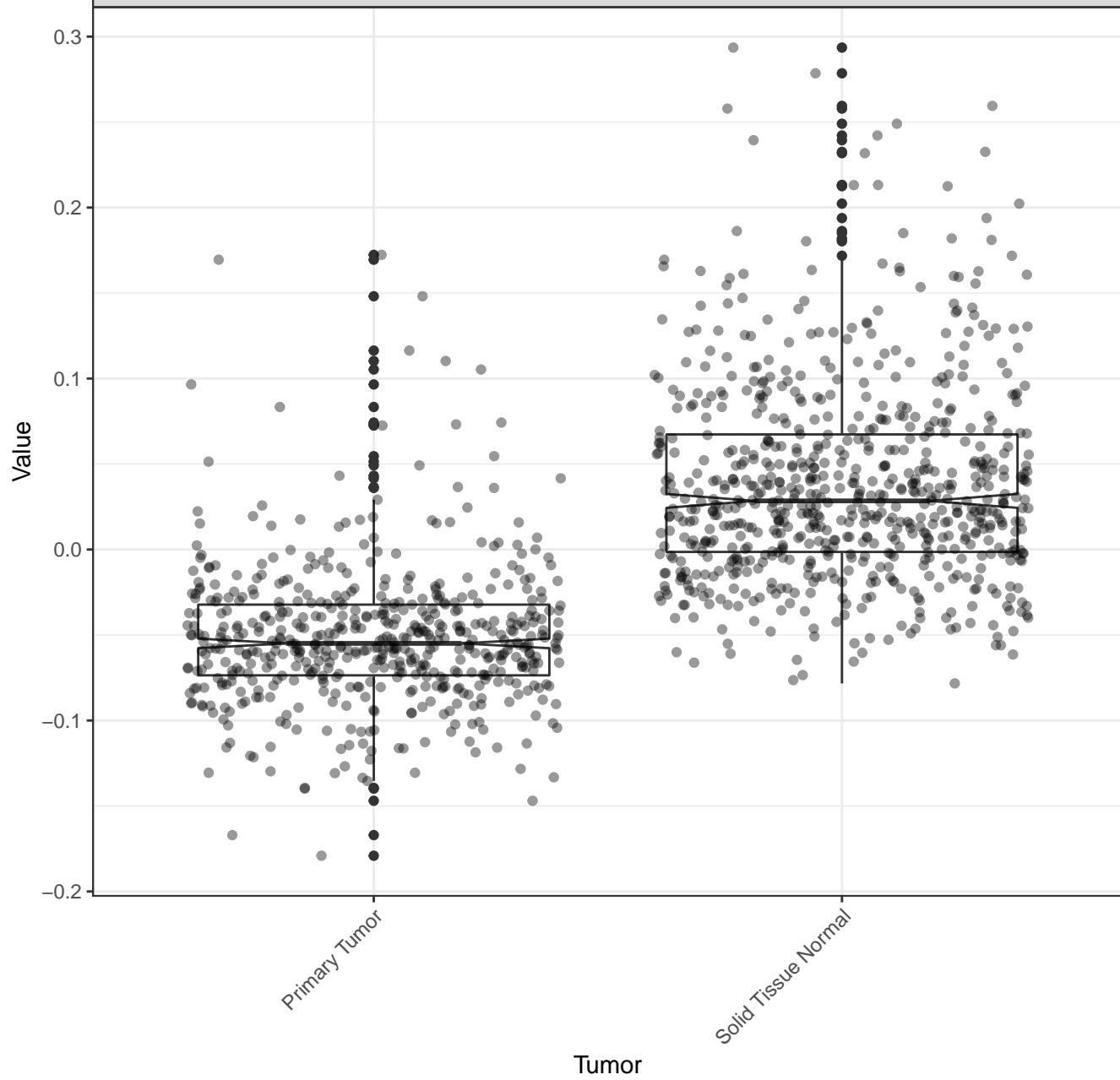
Tumor



## 24,REACTOME\_PLATELET\_HOMEOSTASIS



## 25,PID\_INTEGRIN1\_PATHWAY



## 26,IRIS\_Neutrophil–Resting

Value

0.4

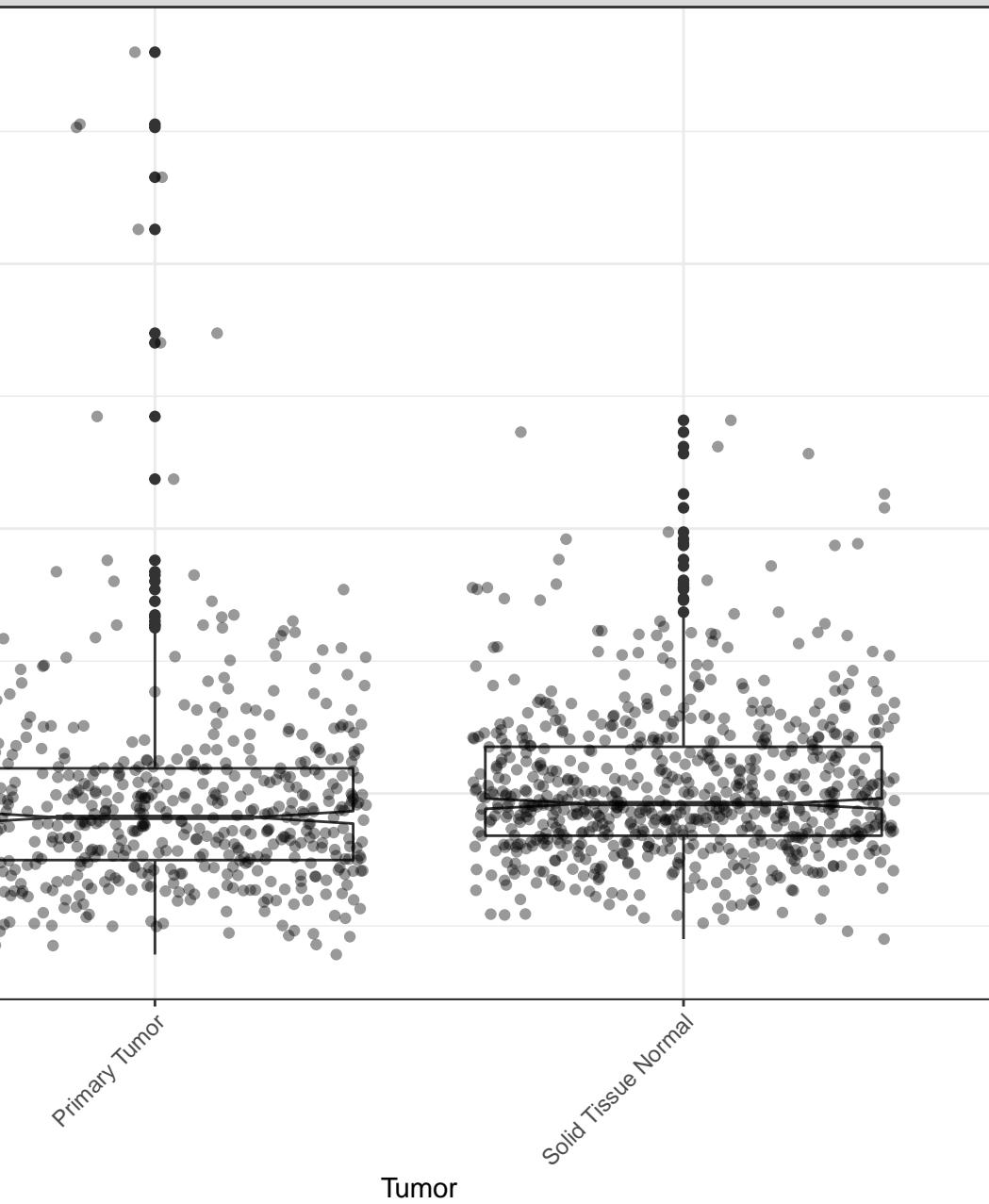
0.2

0.0

Primary Tumor

Solid Tissue Normal

Tumor



LV 27

Value

0.10

0.05

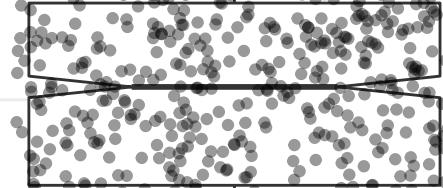
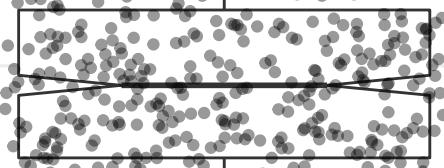
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



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

Value

0.4

0.3

0.2

0.1

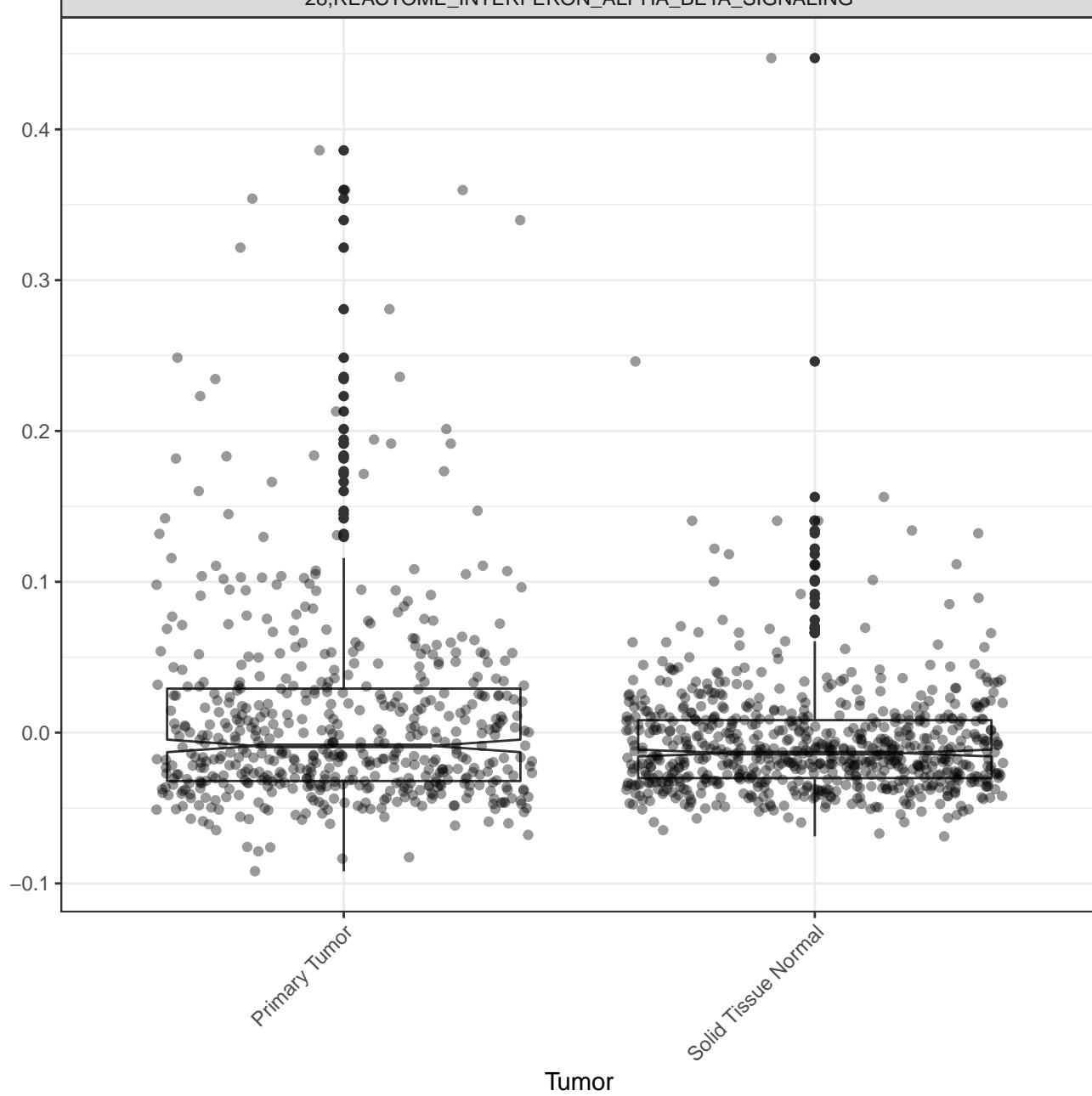
0.0

-0.1

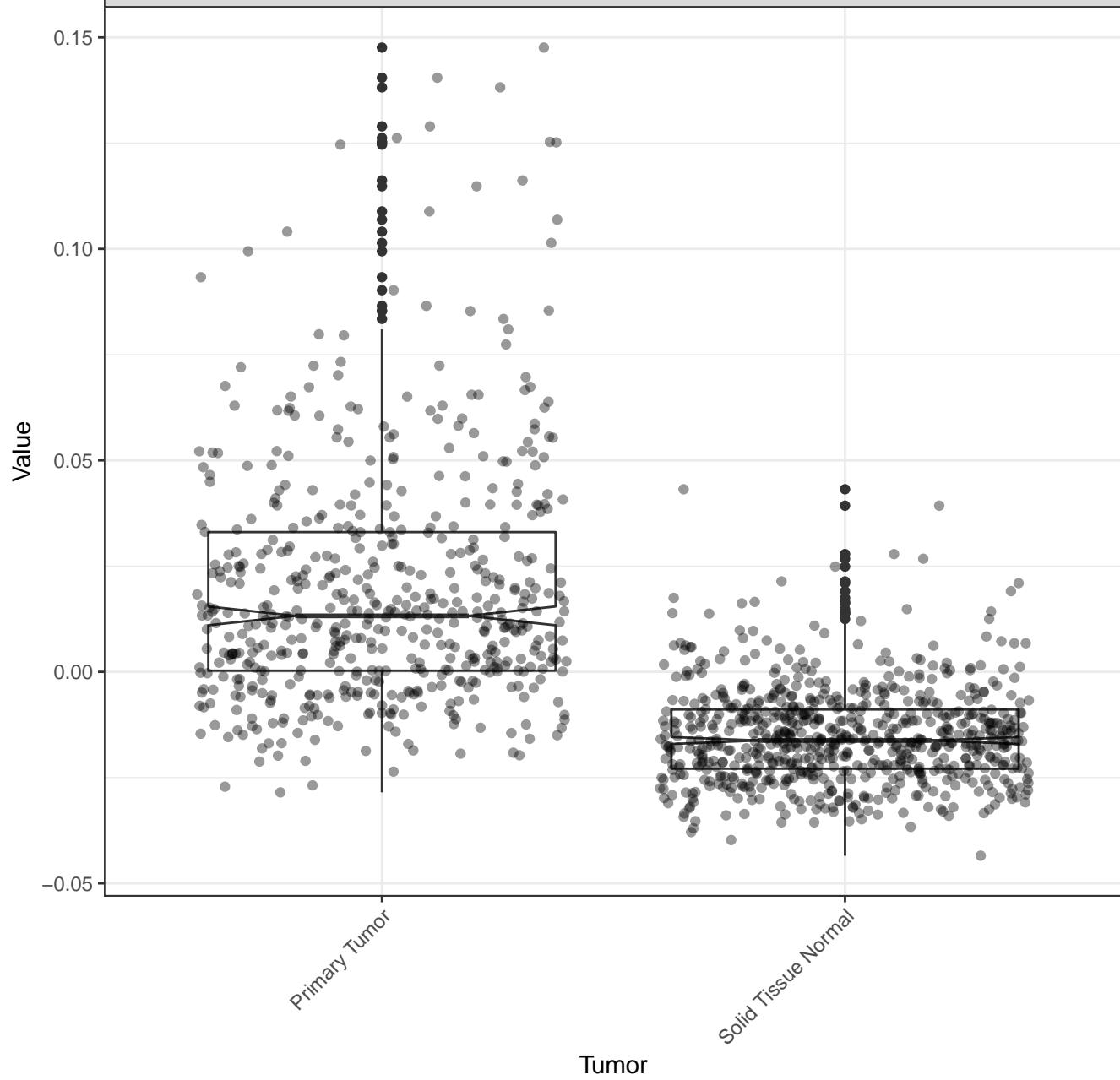
Primary Tumor

Solid Tissue Normal

Tumor



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



### 30,REACTOME\_SLC\_MEDIATED\_TRANSMEMBRANE\_TRANSPORT

Value

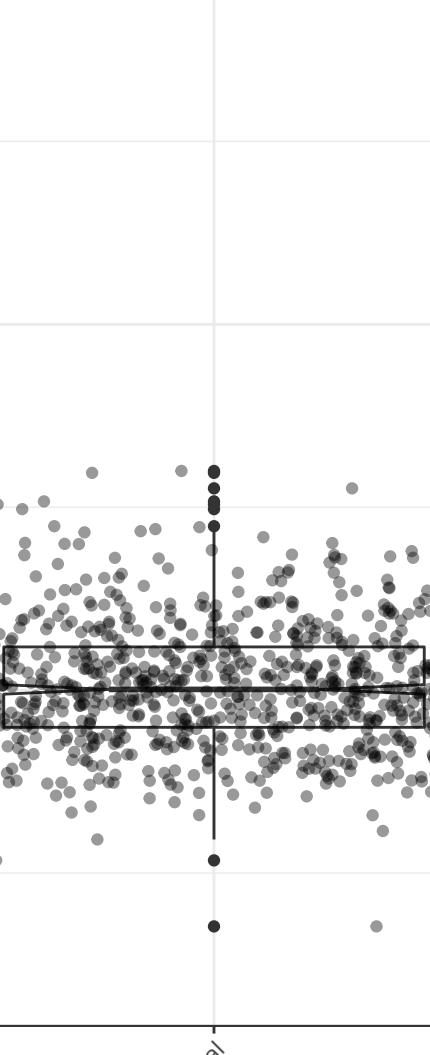
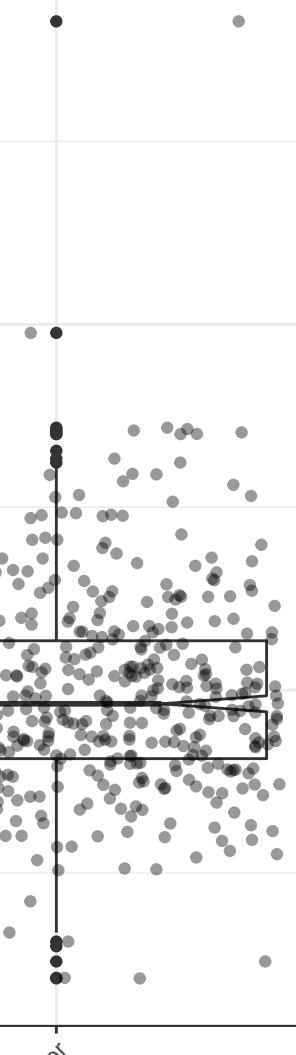
0.1

0.0

Primary Tumor

Solid Tissue Normal

Tumor



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

Value

0.4

0.2

0.0

Primary Tumor

Solid Tissue Normal

Tumor

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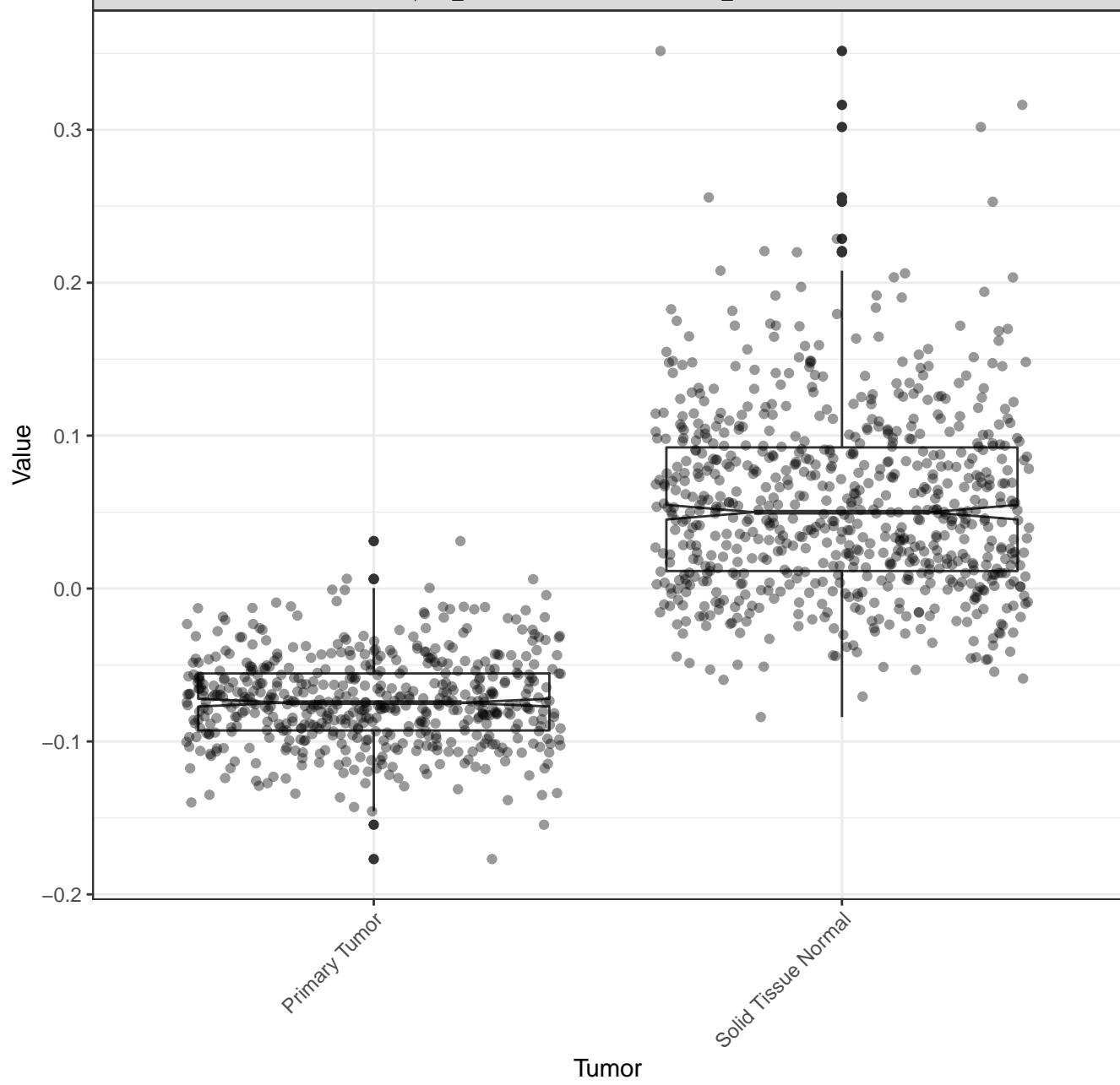
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### 32,PID\_ANGIOPOIETINRECEPTOR\_PATHWAY



Value

0.10

0.05

0.00

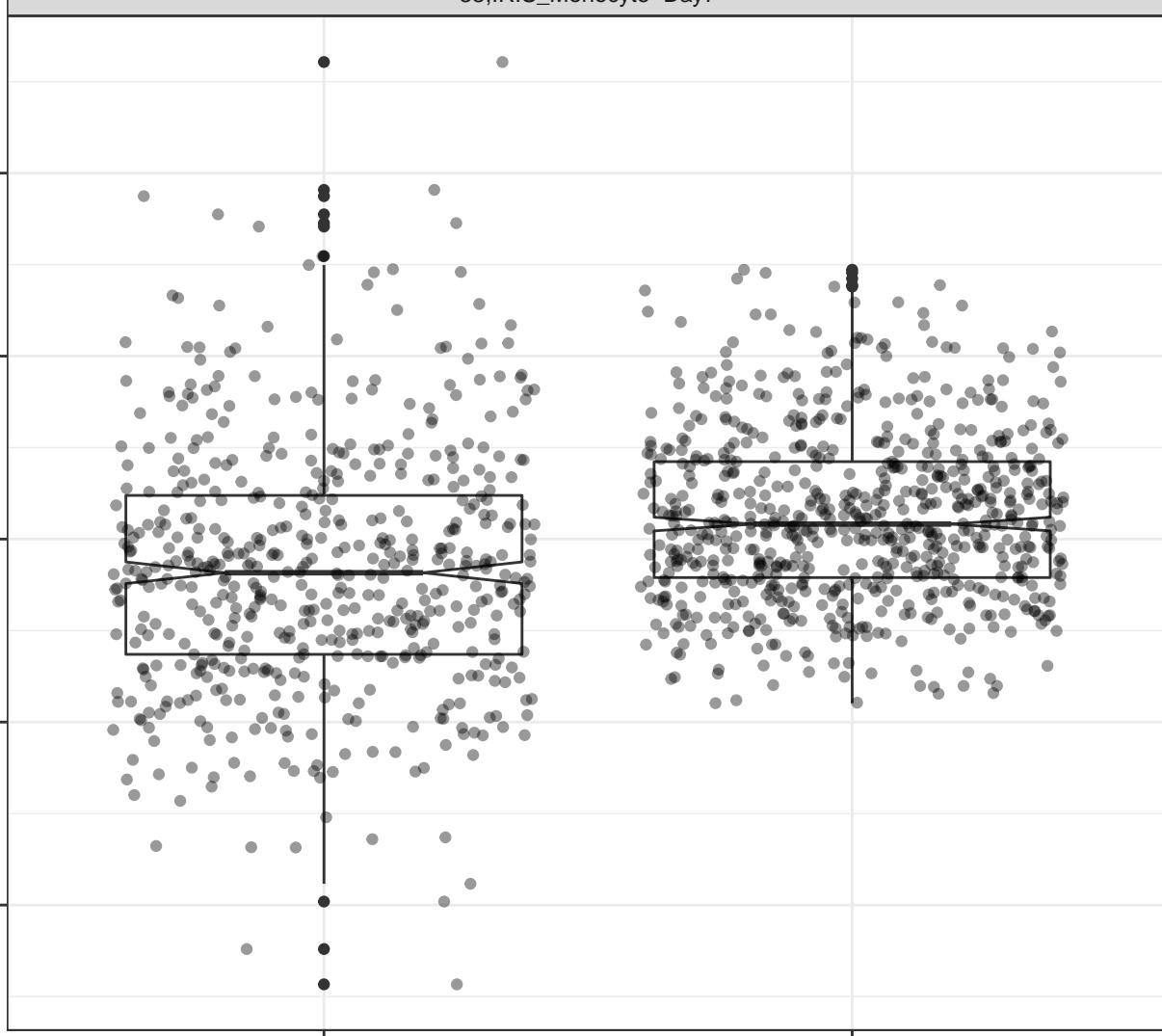
-0.05

-0.10

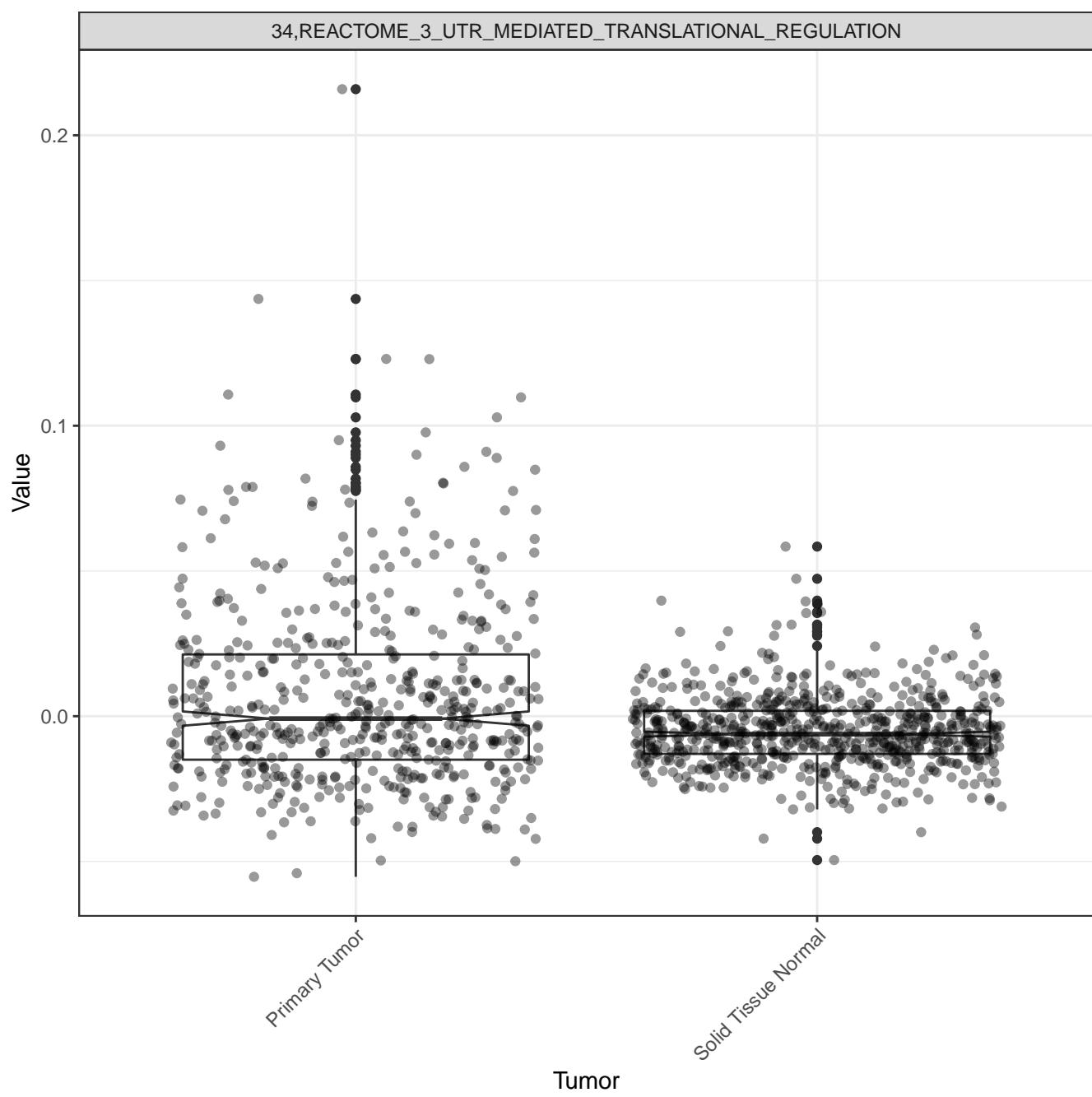
Primary Tumor

Solid Tissue Normal

Tumor



### 34,REACTOME\_3\_UTR\_MEDIATED\_TRANSLATIONAL\_REGULATION



### 35,DMAP\_MEGA2

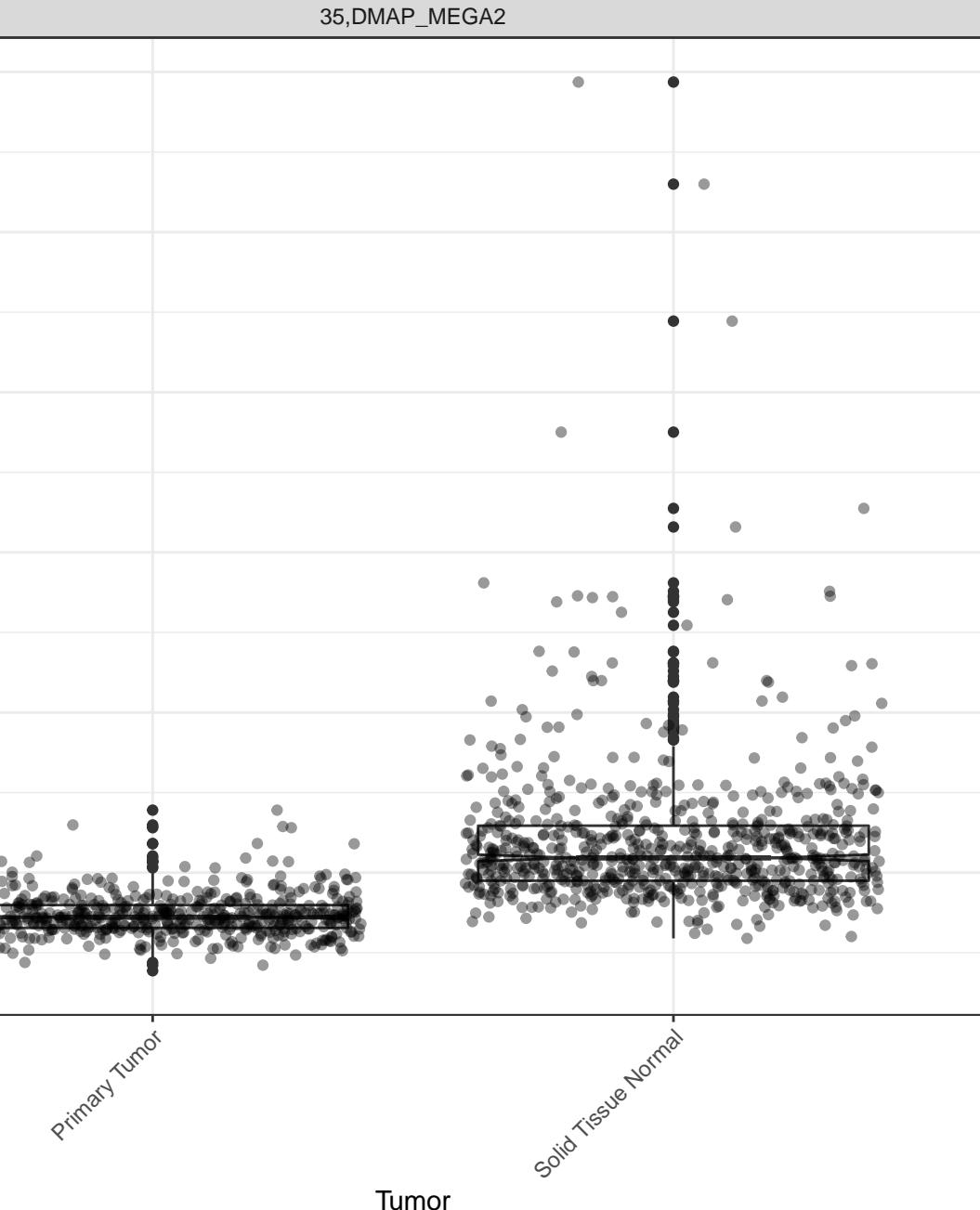
Value

0.5  
0.4  
0.3  
0.2  
0.1  
0.0

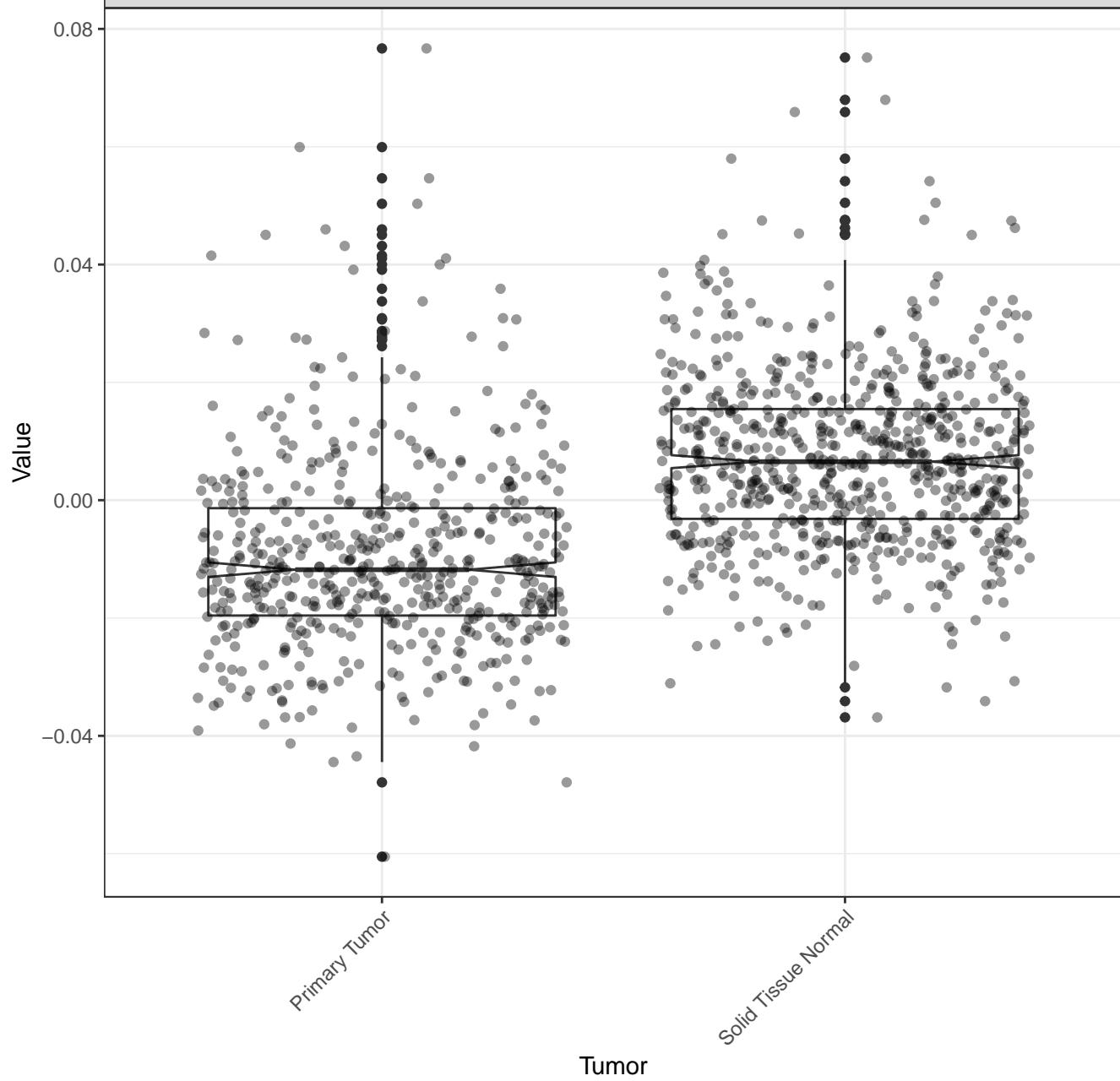
Primary Tumor

Solid Tissue Normal

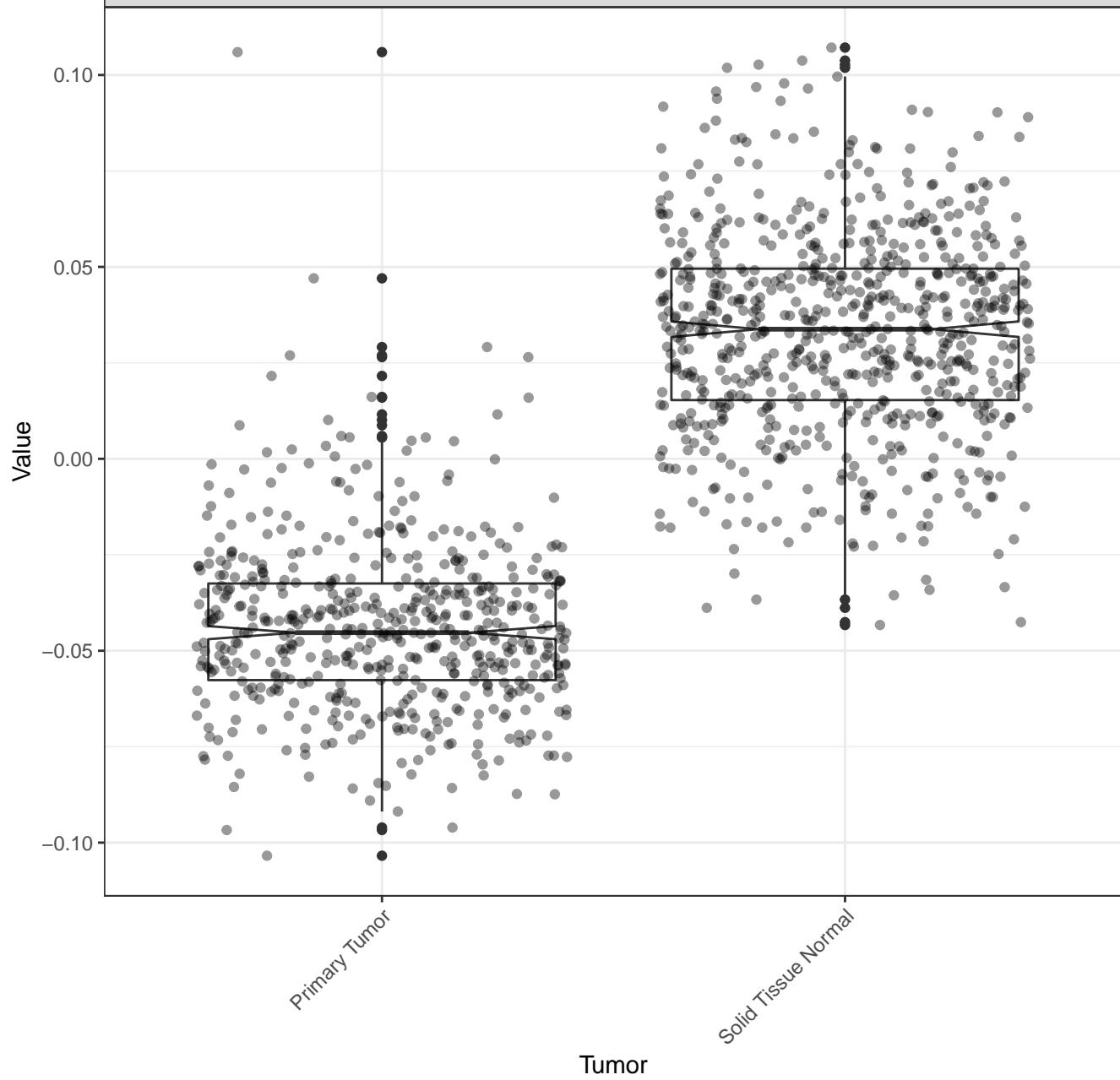
Tumor



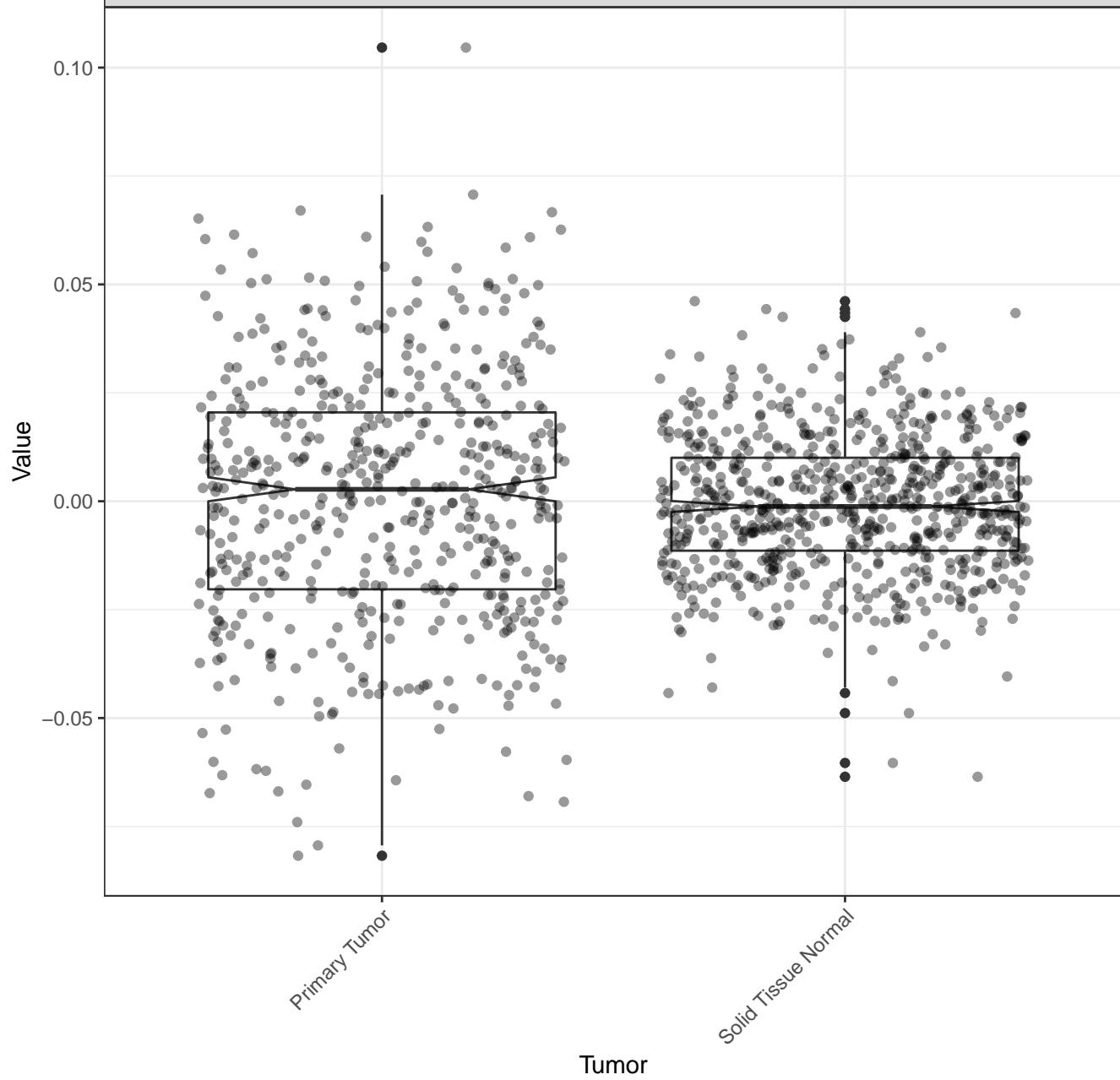
## 36,DMAP\_HSC3



### 37,KEGG\_PPAR\_SIGNALING\_PATHWAY



38,REACTOME\_REGULATION\_OF\_MRNA\_STABILITY\_BY\_PROTEINS\_THAT\_BIND\_AU\_RICH\_ELEMENTS



### 39,KEGG\_CELL\_ADHESION\_MOLECULES\_CAMS

Value

0.20

0.15

0.10

0.05

0.00

-0.05

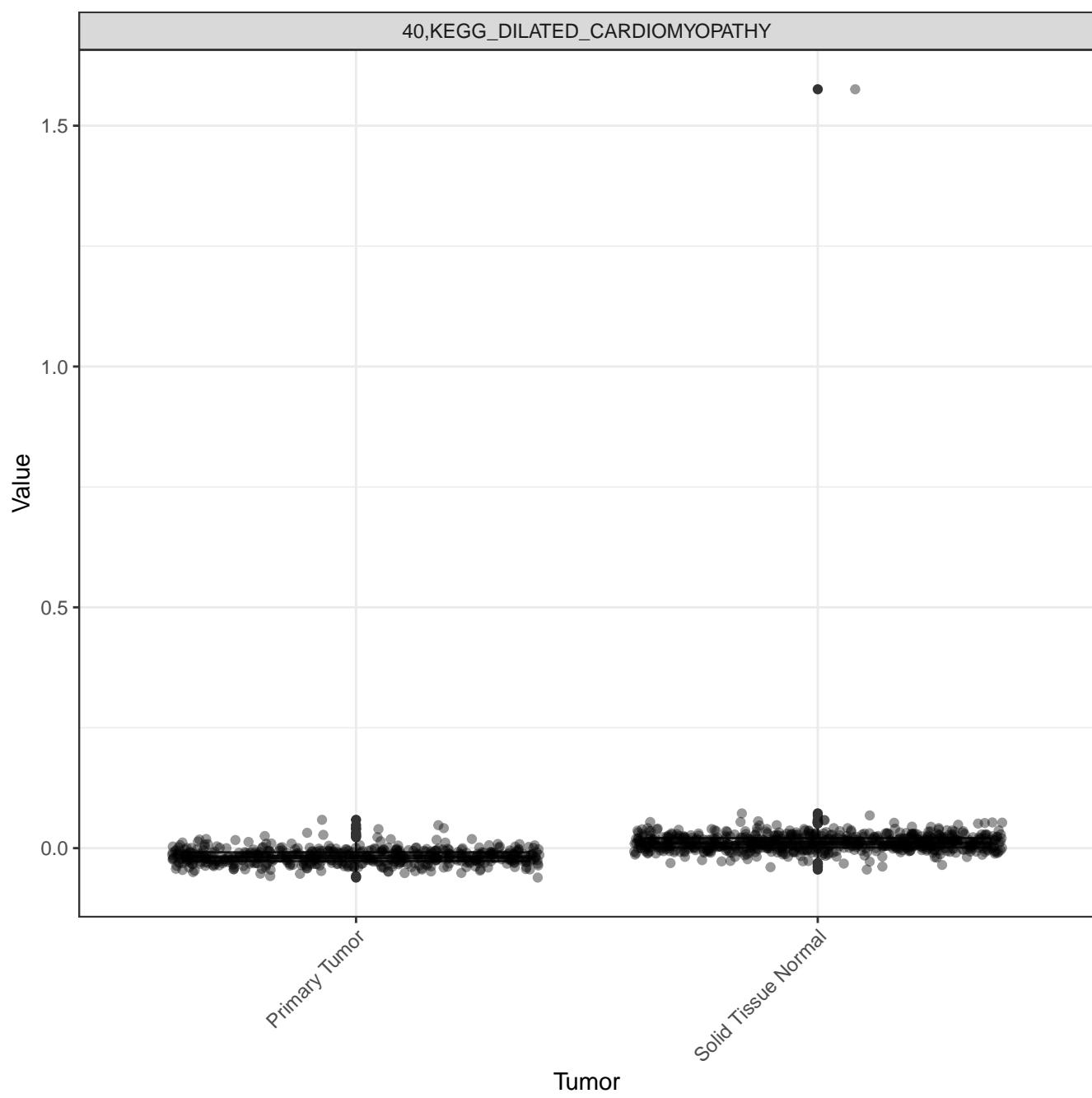
Primary Tumor

Solid Tissue Normal

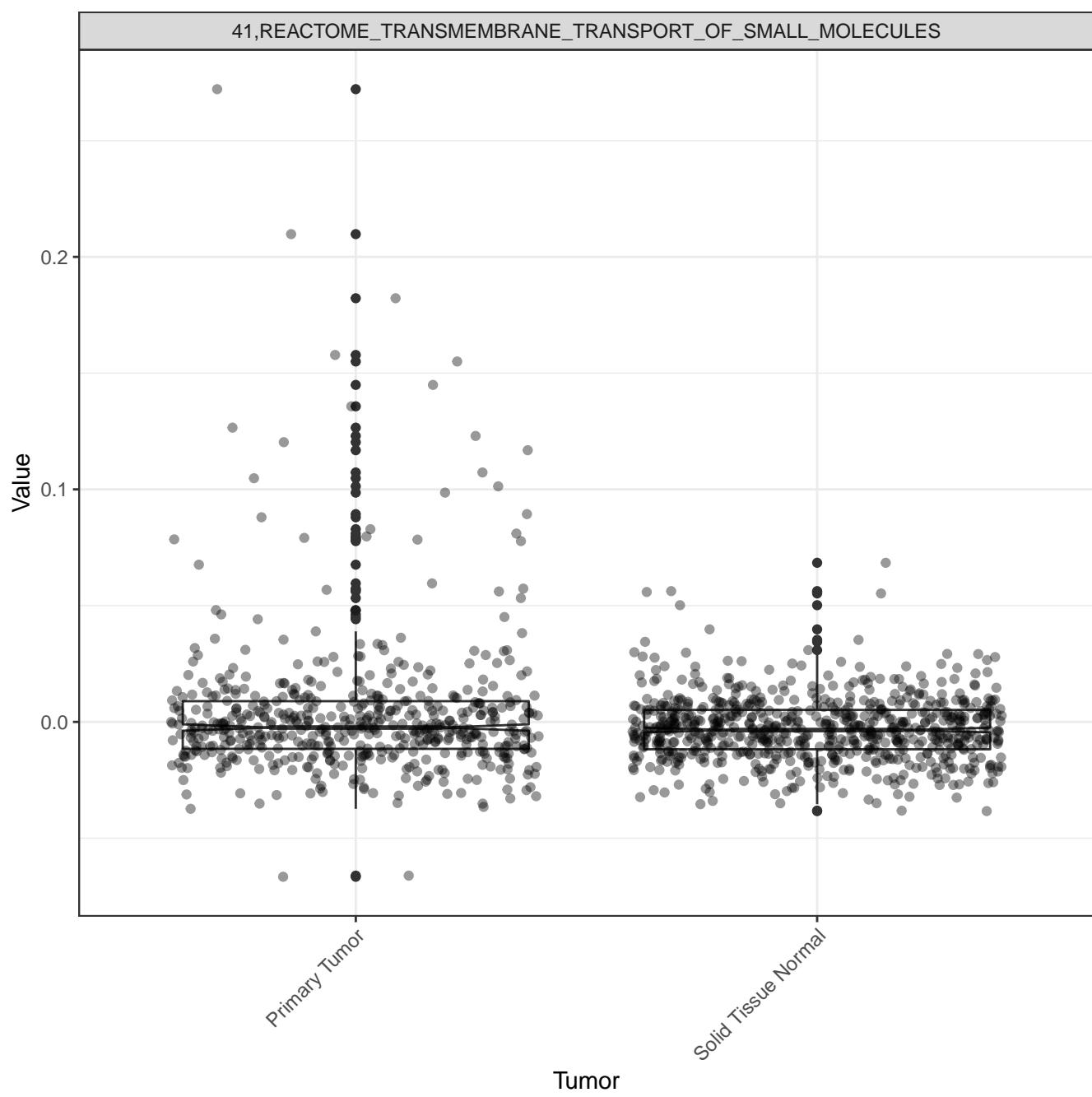
Tumor



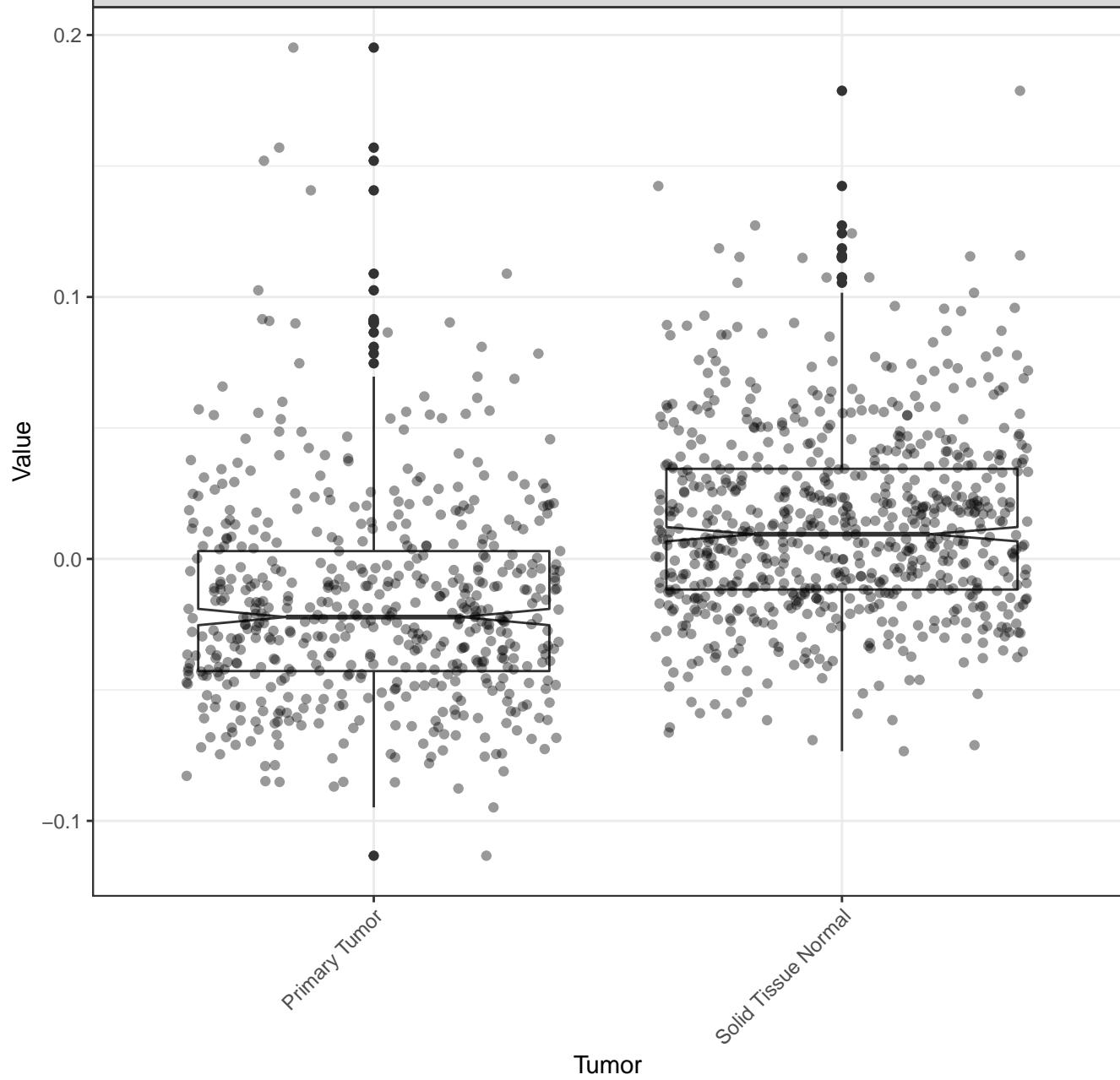
40,KEGG\_DILATED\_CARDIOMYOPATHY



# 41,REACTOME\_TRANSMEMBRANE\_TRANSPORT\_OF\_SMALL\_MOLECULES

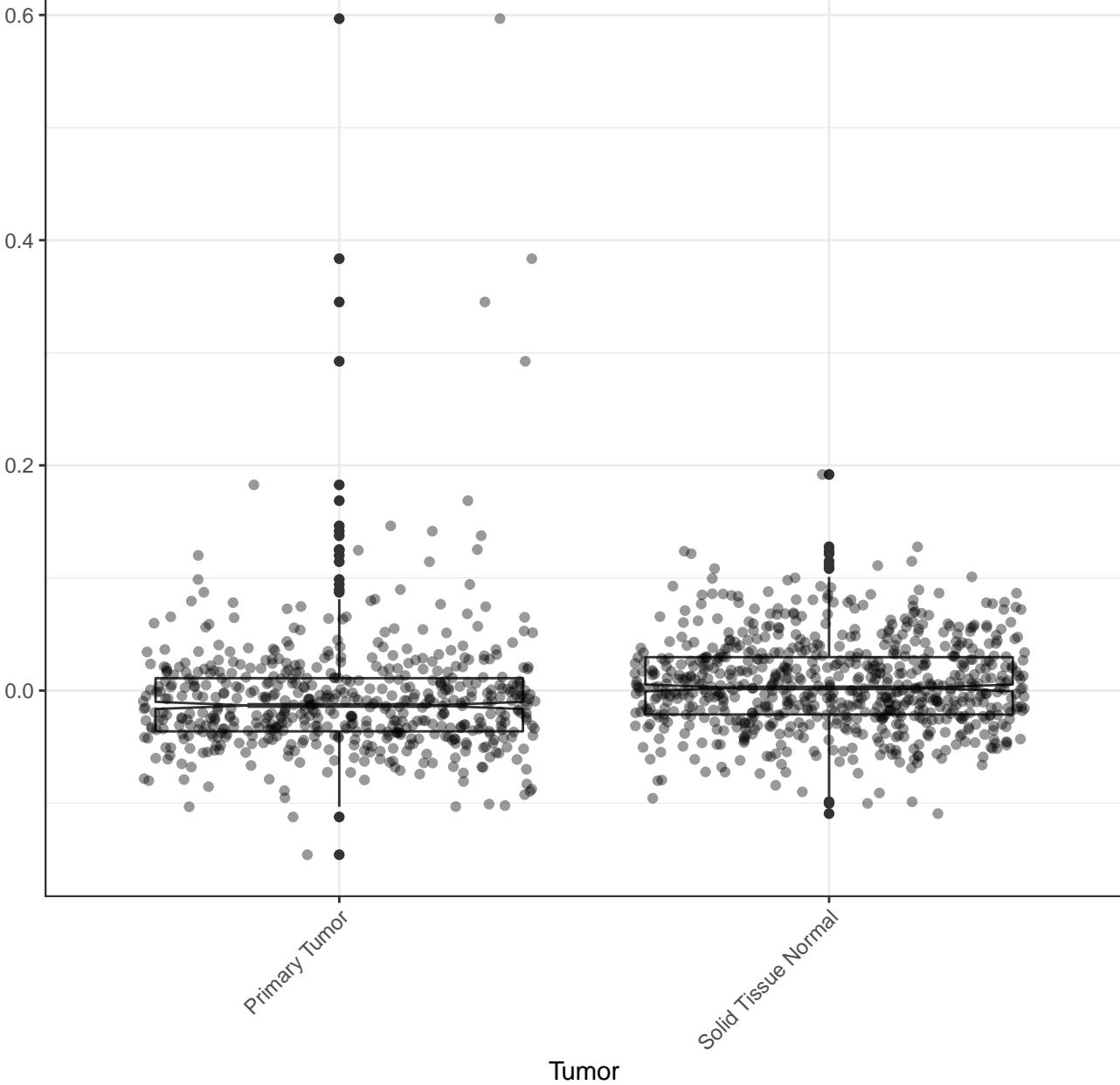


## 42,REACTOME DEVELOPMENTAL BIOLOGY

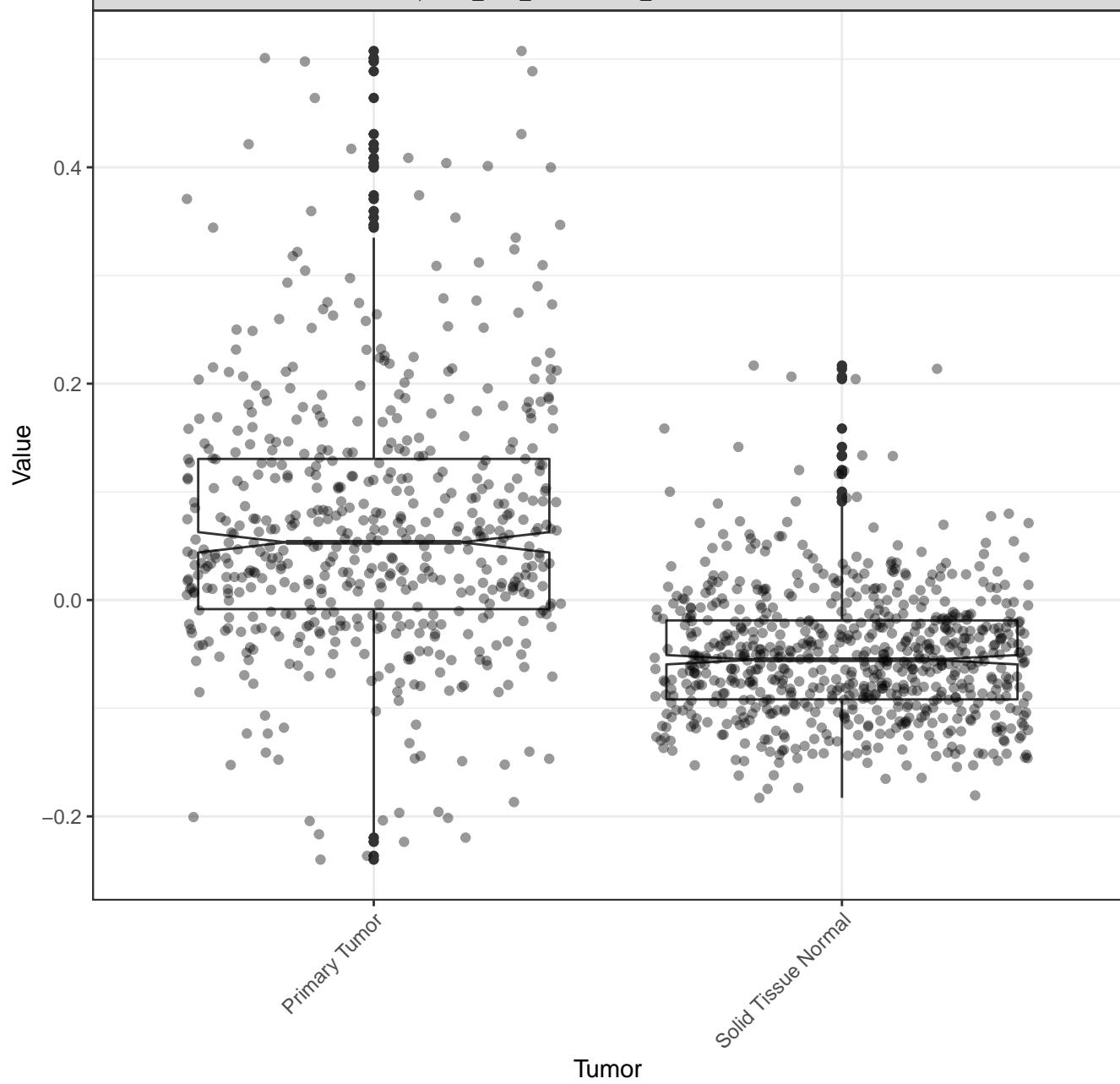


43,KEGG\_BASAL\_CELL\_CARCINOMA

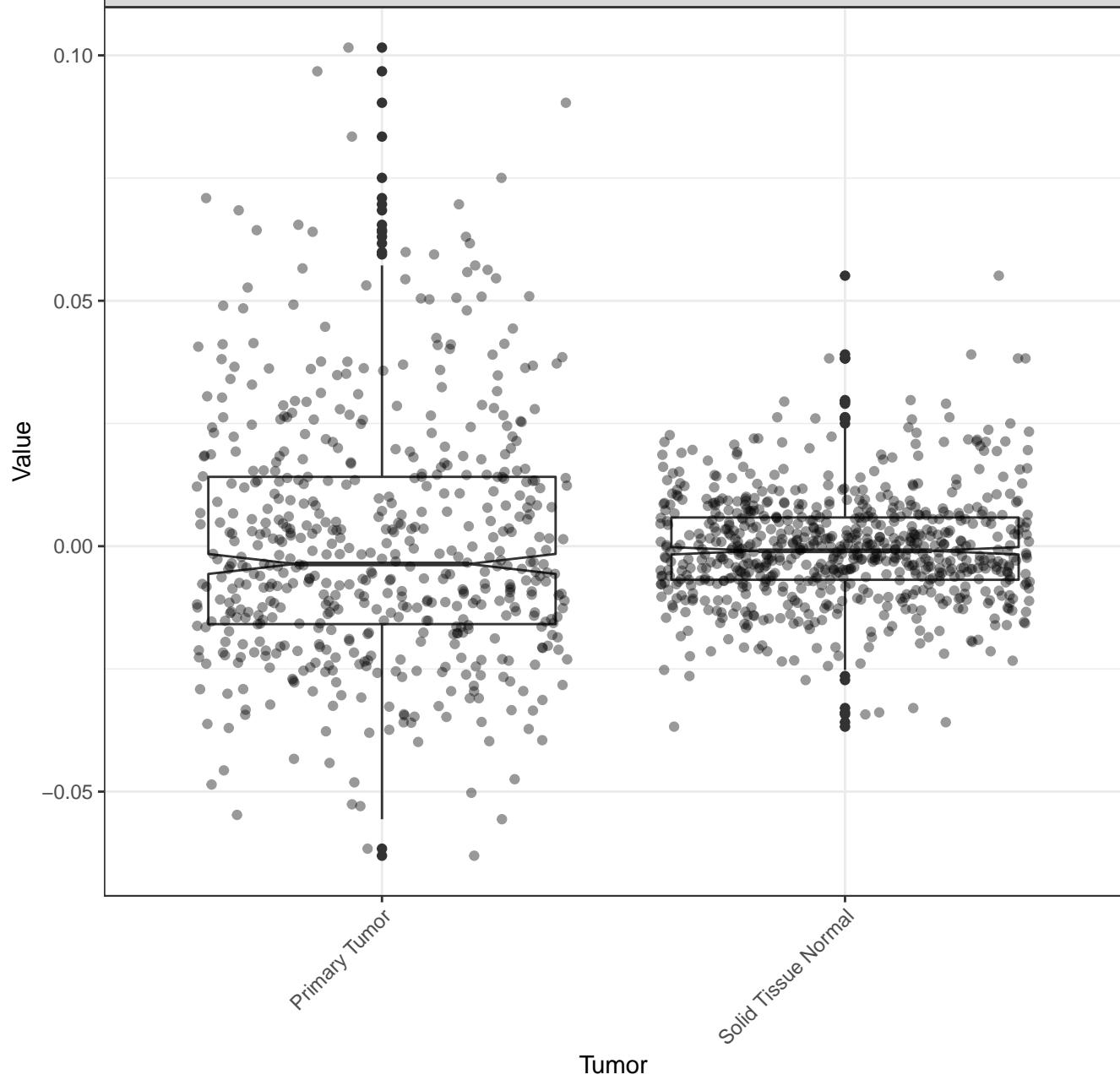
Value



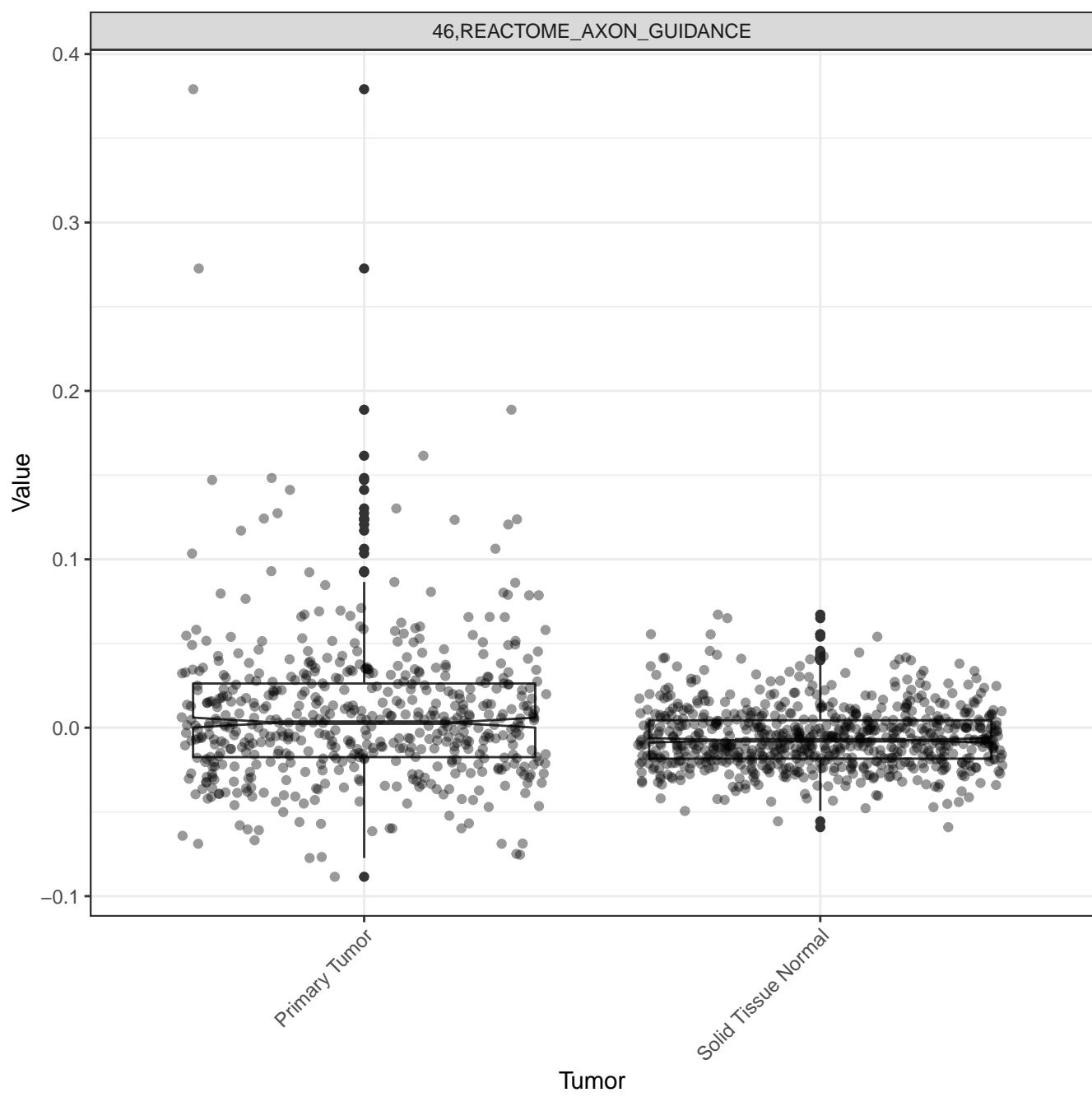
# 44,MIPS\_55S\_RIBOSOME\_MITOCHONDRIAL



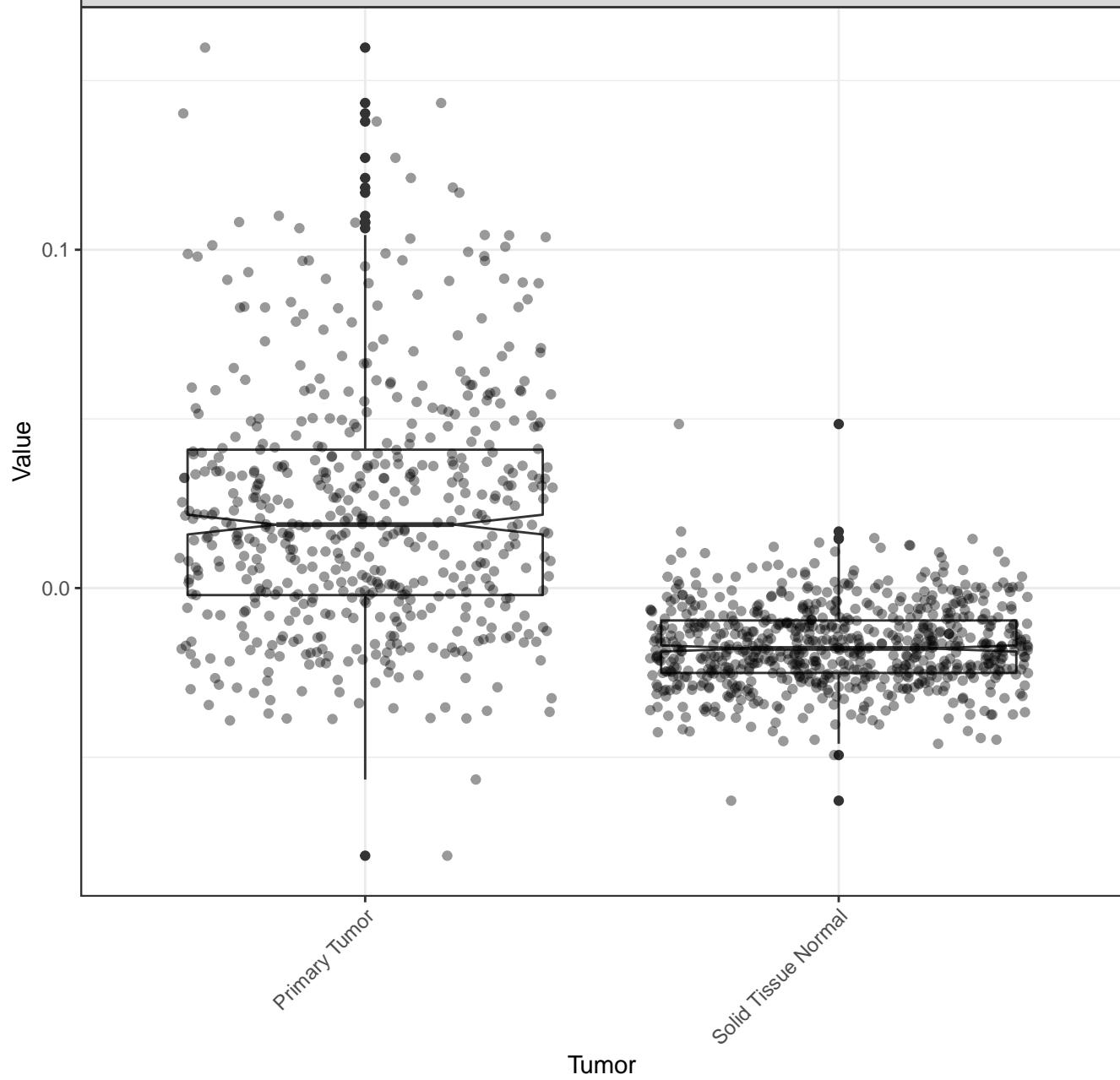
## 45,PID\_MYC\_REPRESSPATHWAY



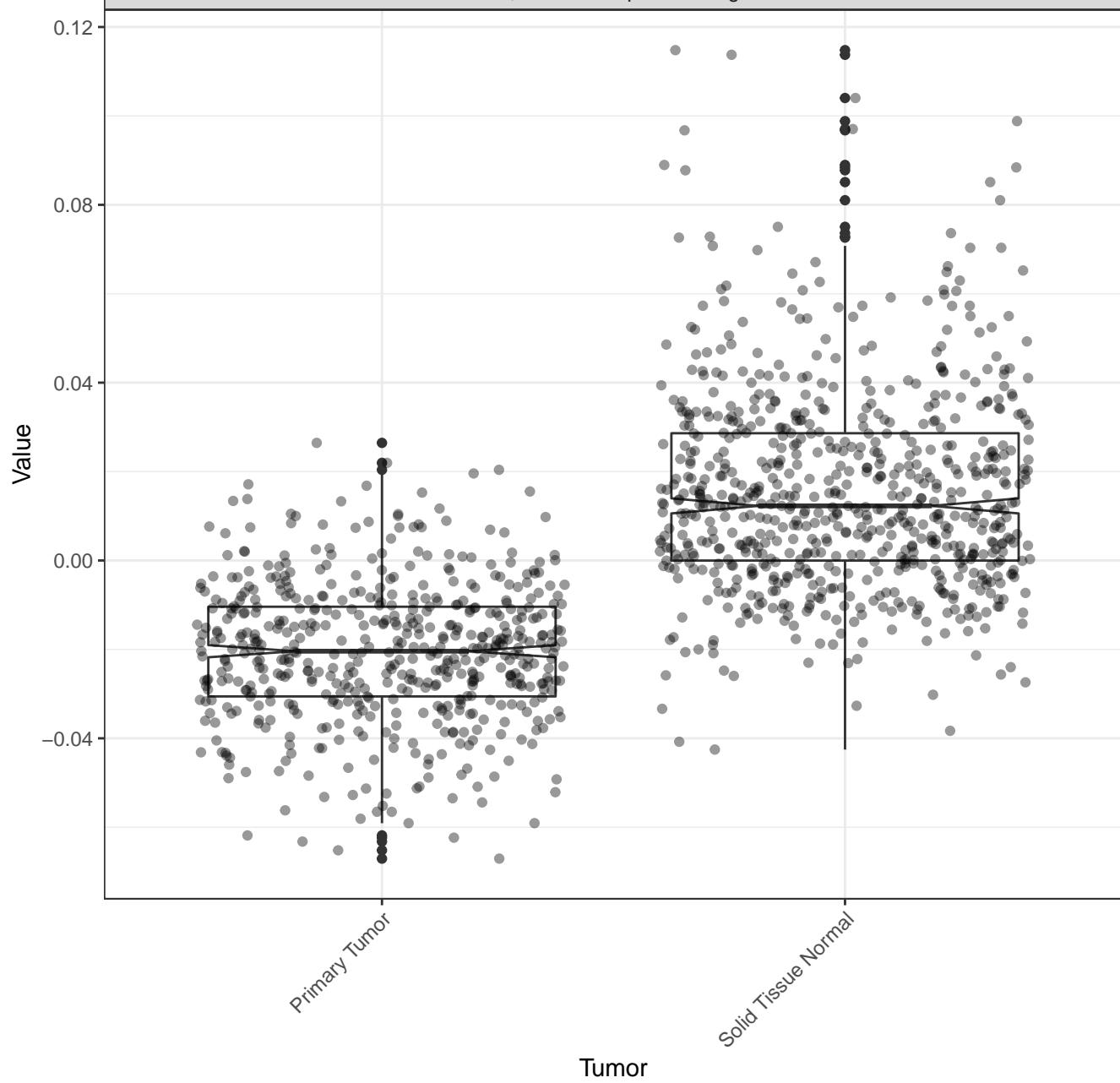
## 46,REACTOME\_AXON\_GUIDANCE



## 47,REACTOME\_METABOLISM\_OF\_MRNA



### 48,IRIS\_Neutrophil–Resting



LV 49

Value

0.15

0.10

0.05

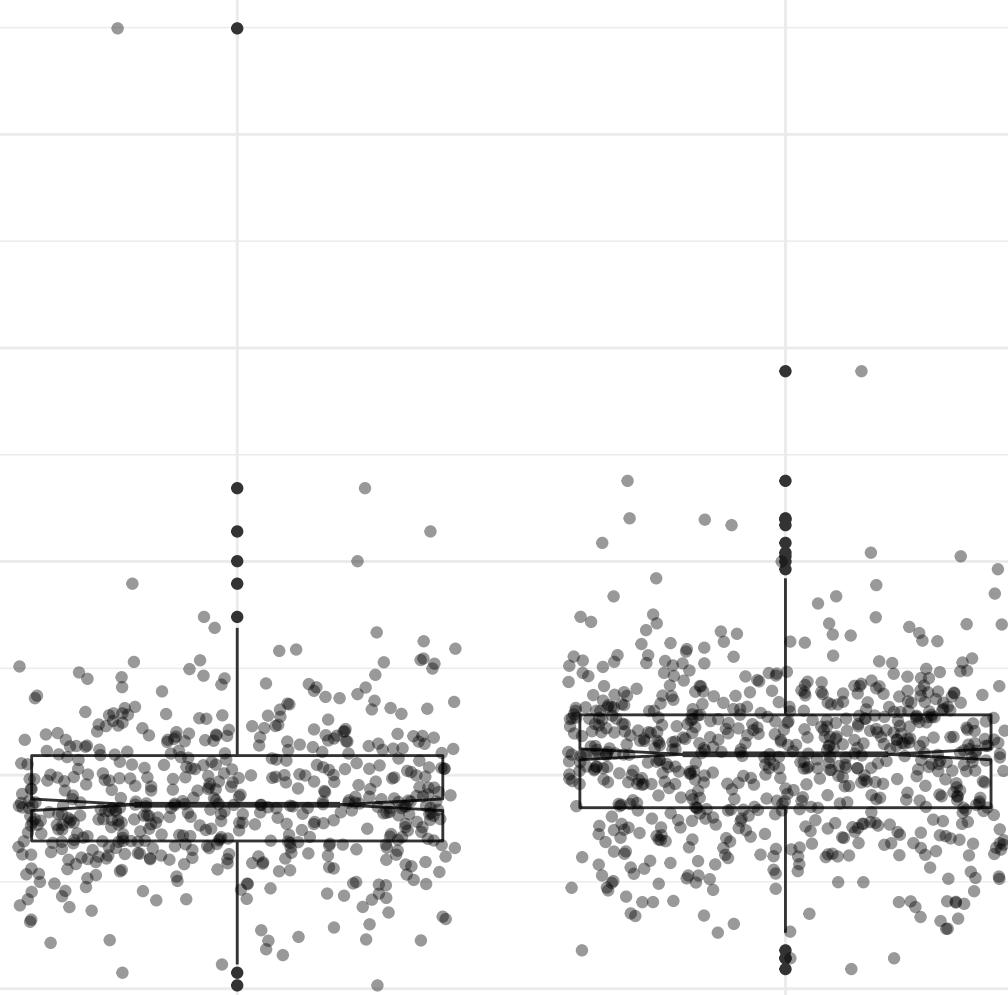
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



## 50,IRIS\_Bcell-Memory\_IgM

Value

0.4

0.2

0.0

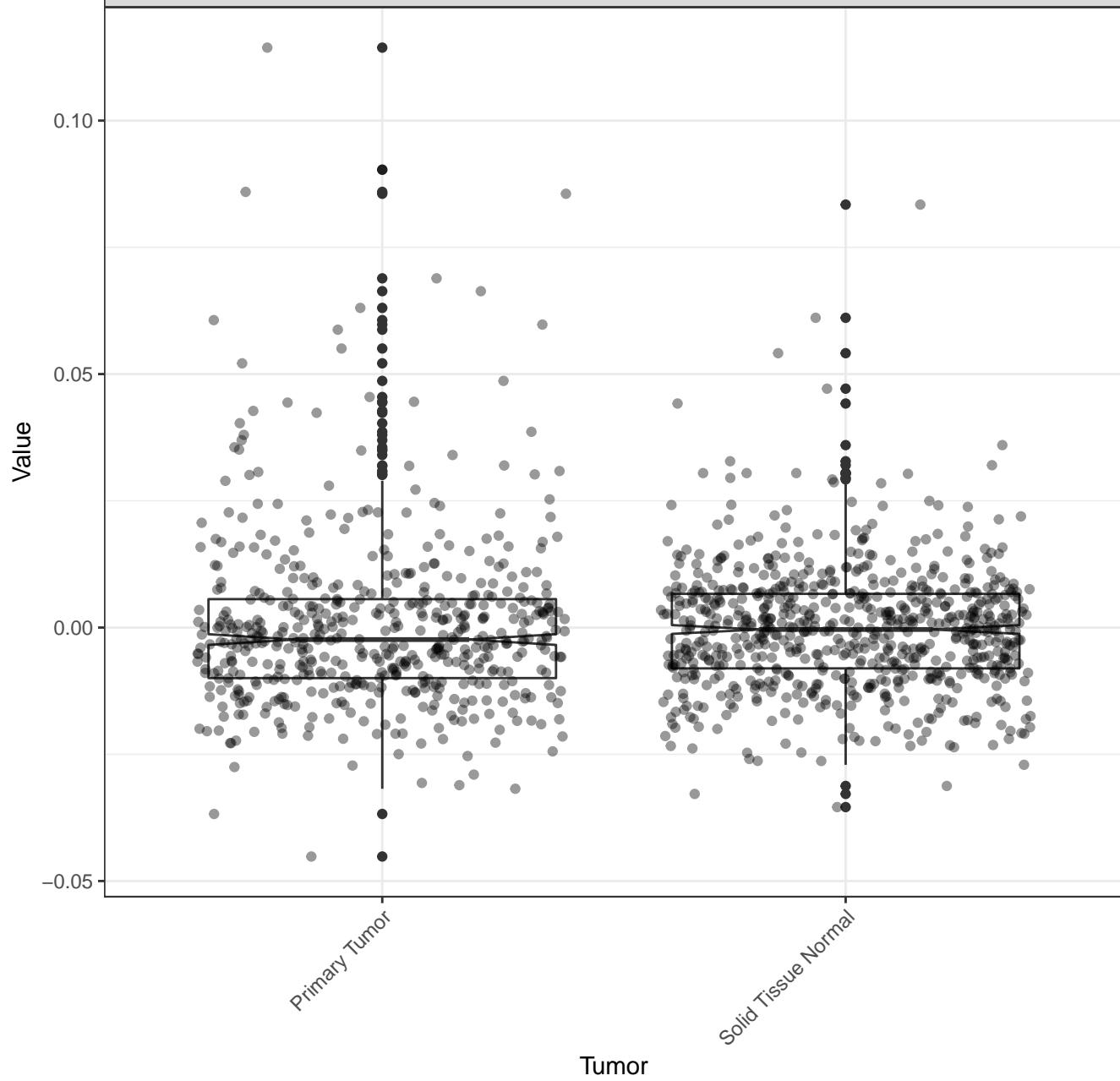
Primary Tumor

Solid Tissue Normal

Tumor



### 51,REACTOME\_NUCLEAR\_RECEPтор\_TRANSCRIPTION\_PATHWAY



## 52,REACTOME\_RIG\_I\_MDA5\_MEDIATED\_INDUCTION\_OF\_IFN\_ALPHA\_BETA\_PATHWAYS

Value

0.15

0.10

0.05

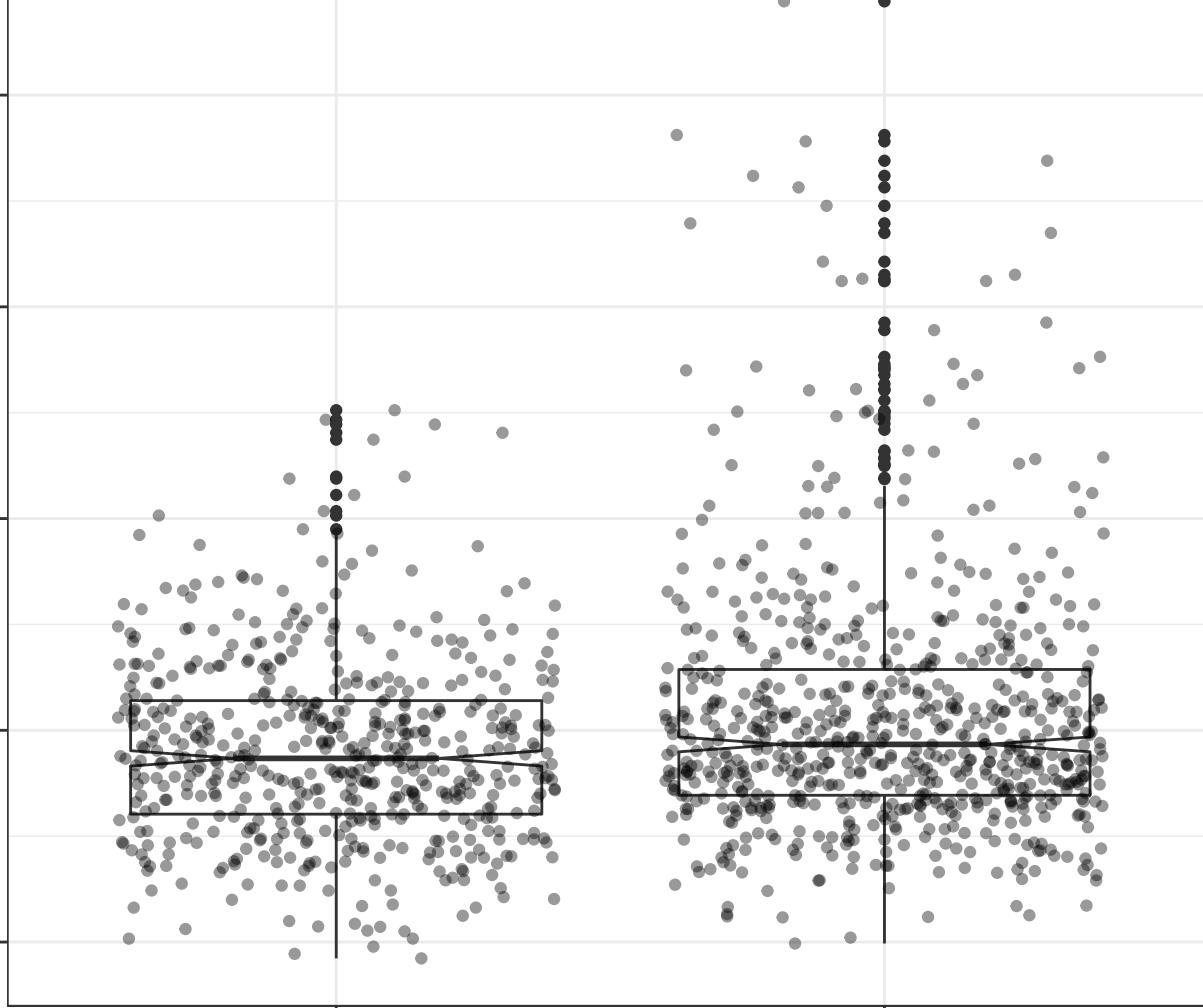
0.00

-0.05

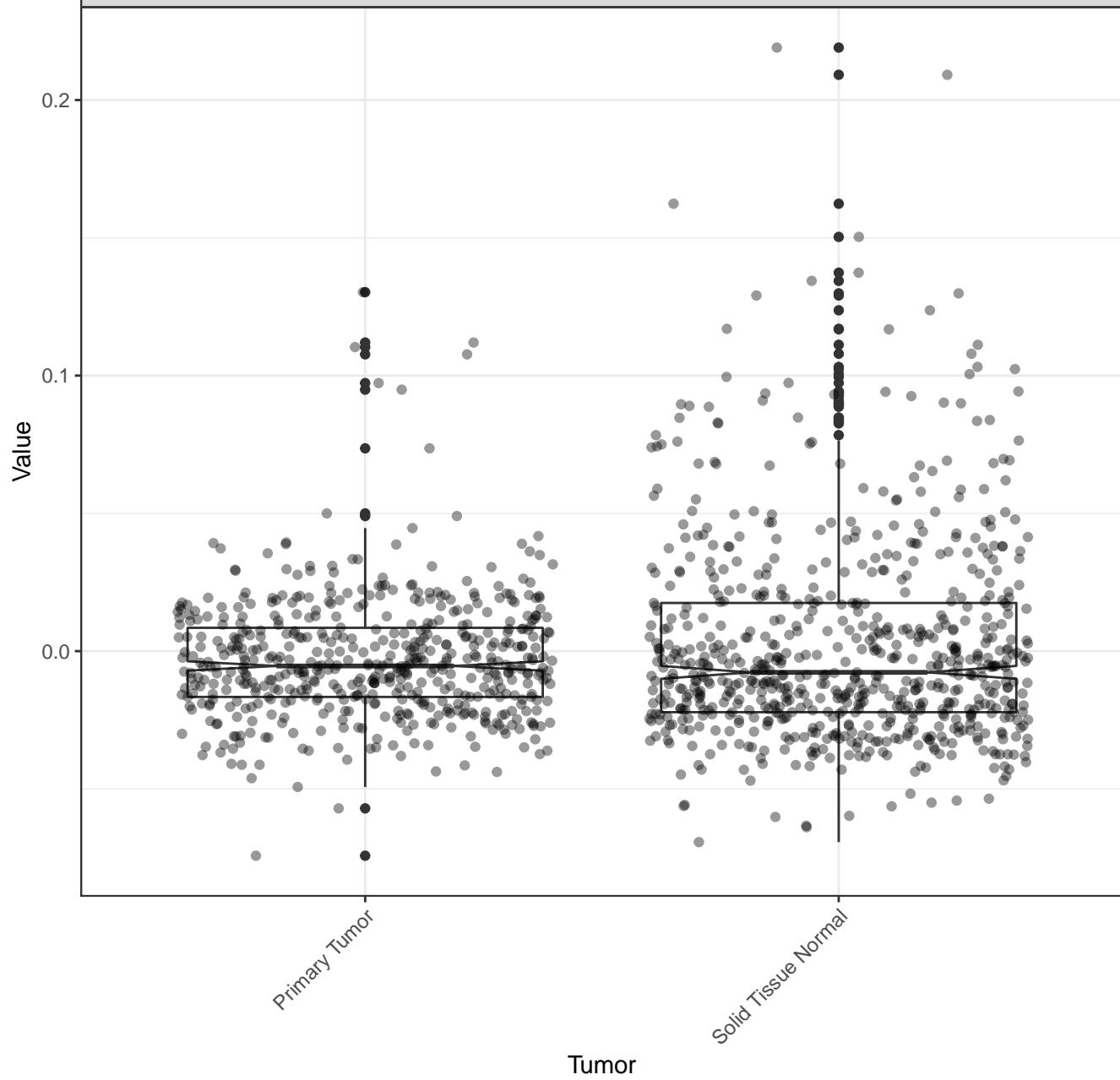
Primary Tumor

Solid Tissue Normal

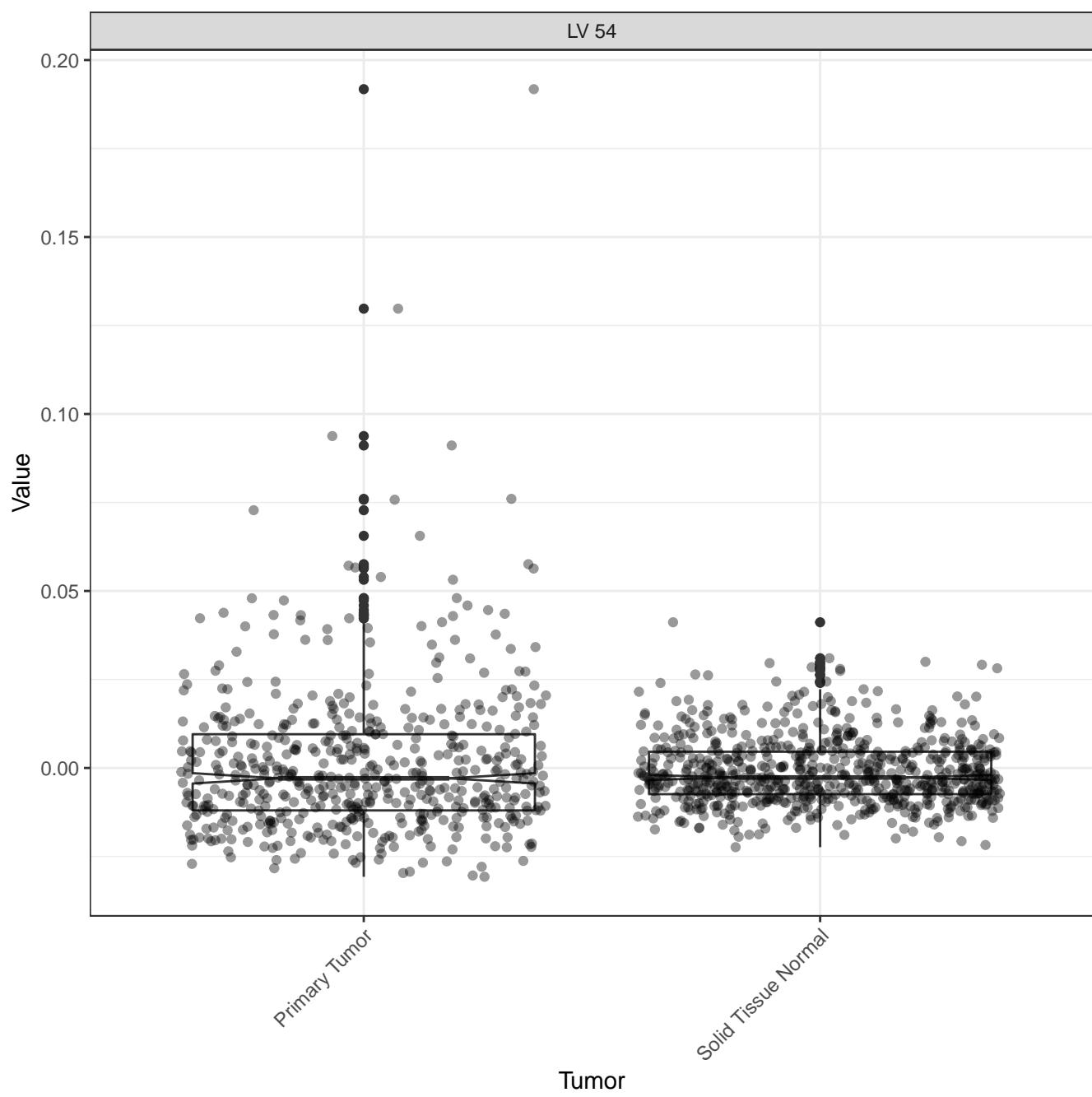
Tumor



### 53,SVM T cells CD4 memory activated



LV 54



### 55,KEGG\_INSULIN\_SIGNALING\_PATHWAY

Value

0.05

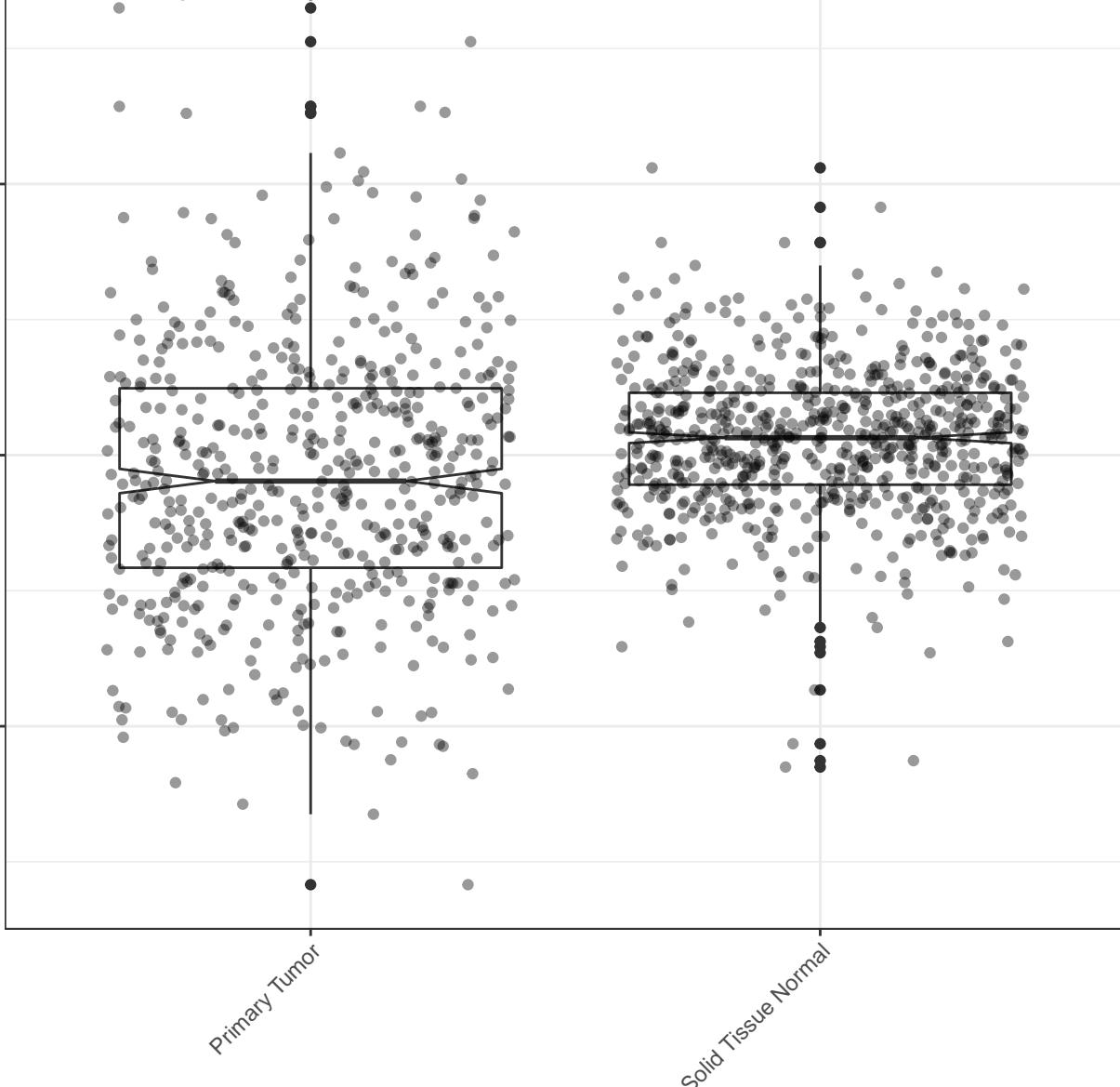
0.00

-0.05

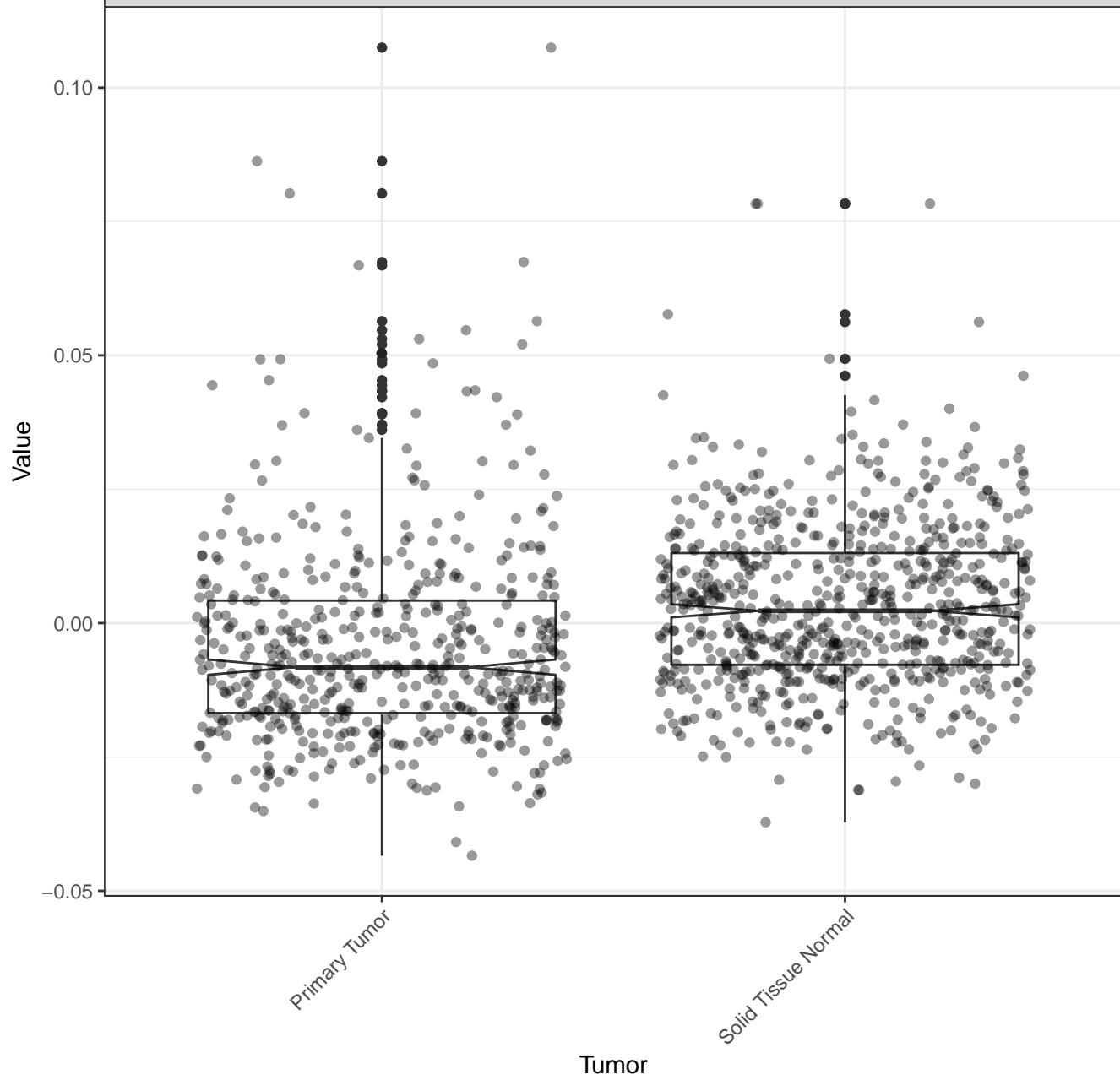
Primary Tumor

Tumor

Solid Tissue Normal



### 56,KEGG\_CYTOKINE\_CYTOKINE\_RECECTOR\_INTERACTION



### 57,KEGG\_SYSTEMIC\_LUPUS\_ERYTHEMATOSUS

Value

0.3

0.2

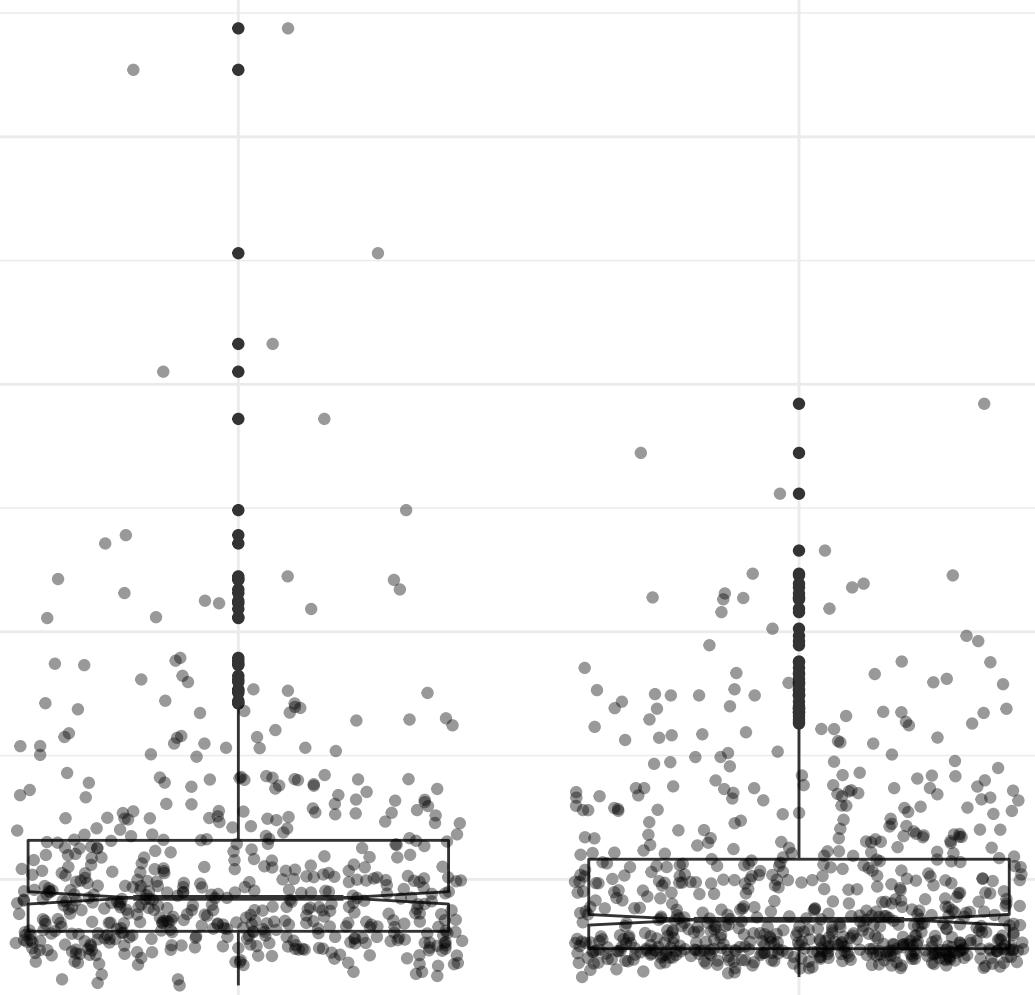
0.1

0.0

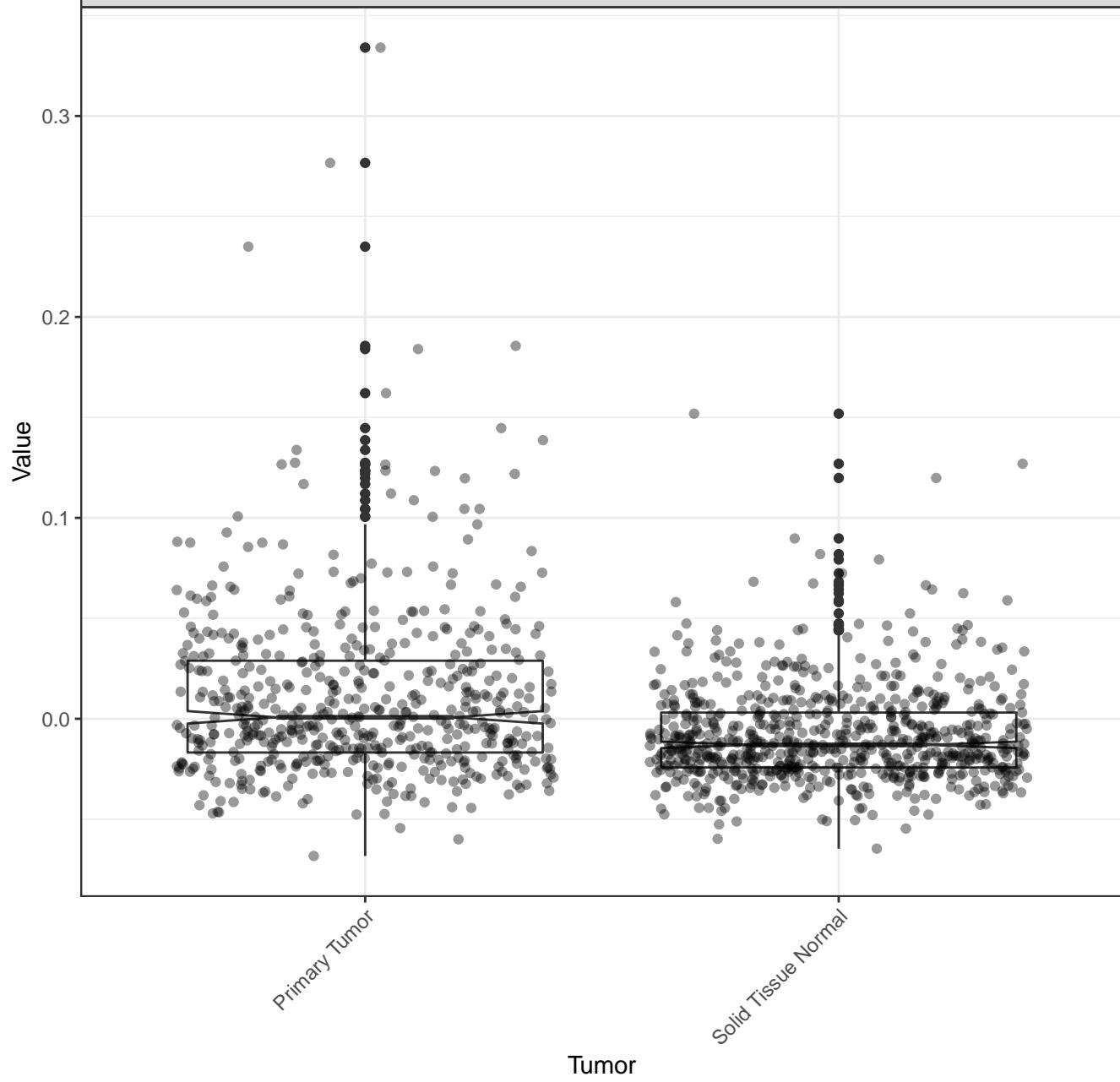
Primary Tumor

Solid Tissue Normal

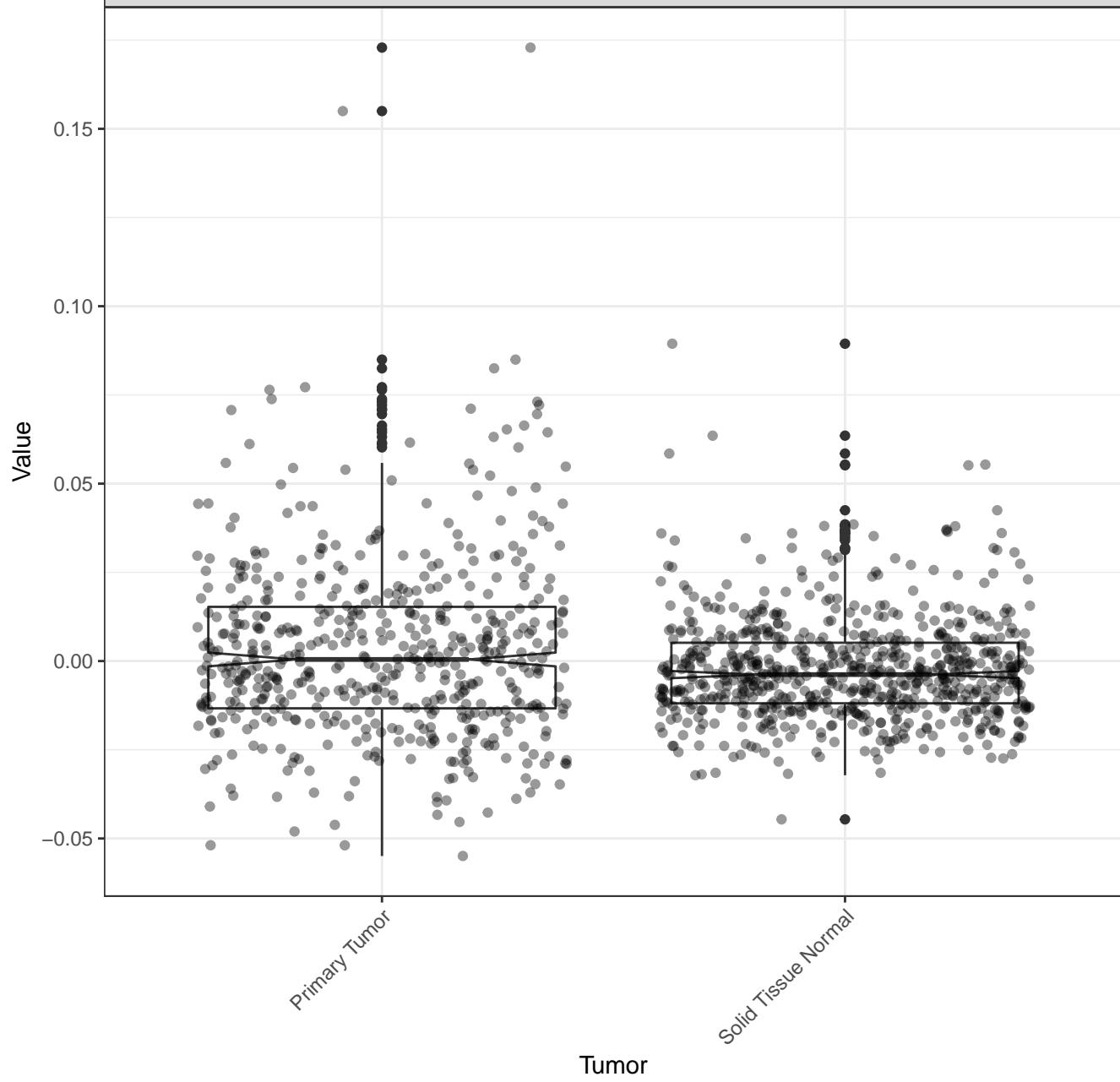
Tumor



### 58,SVM Dendritic cells resting



## 59,REACTOME\_HIV\_INFECTION



## 60,IRIS\_NKcell-control

Value

0.3

0.2

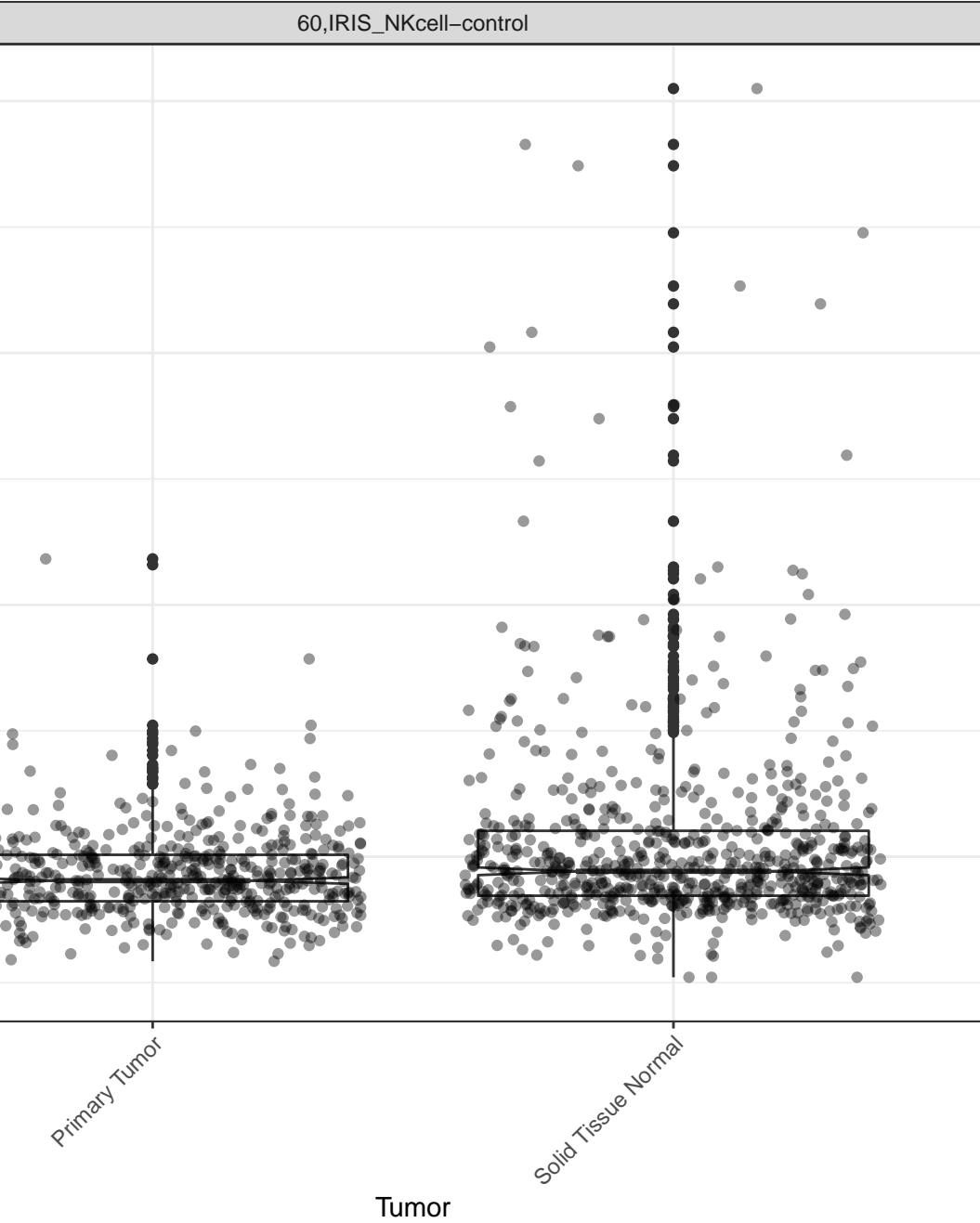
0.1

0.0

Primary Tumor

Solid Tissue Normal

Tumor



# 61,REACTOME\_METABOLISM\_OF\_VITAMINS\_AND\_COFACTORS

Value

0.10

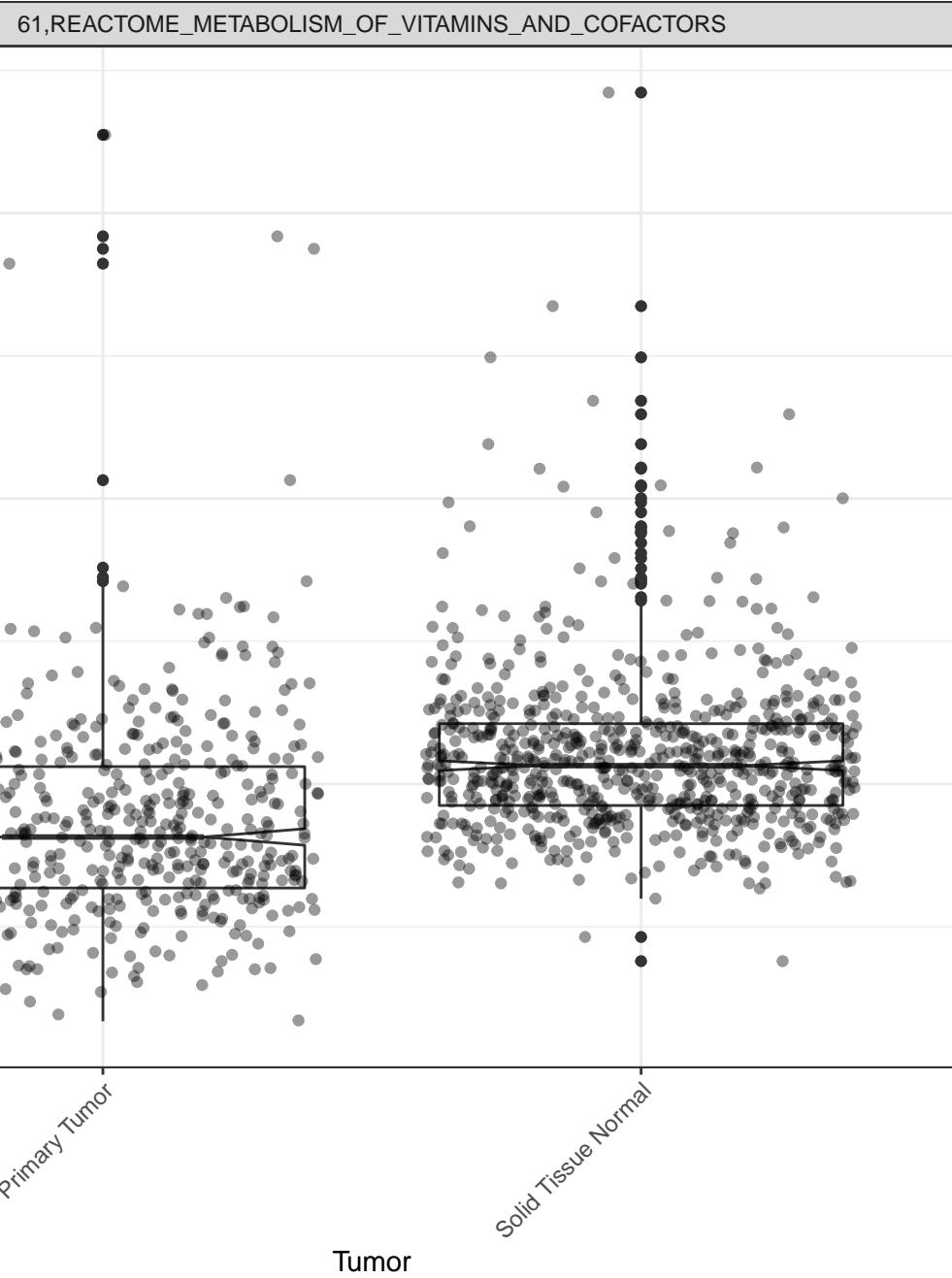
0.05

0.00

Primary Tumor

Solid Tissue Normal

Tumor



## 62,IRIS\_DendriticCell–Control

Value

0.2

0.1

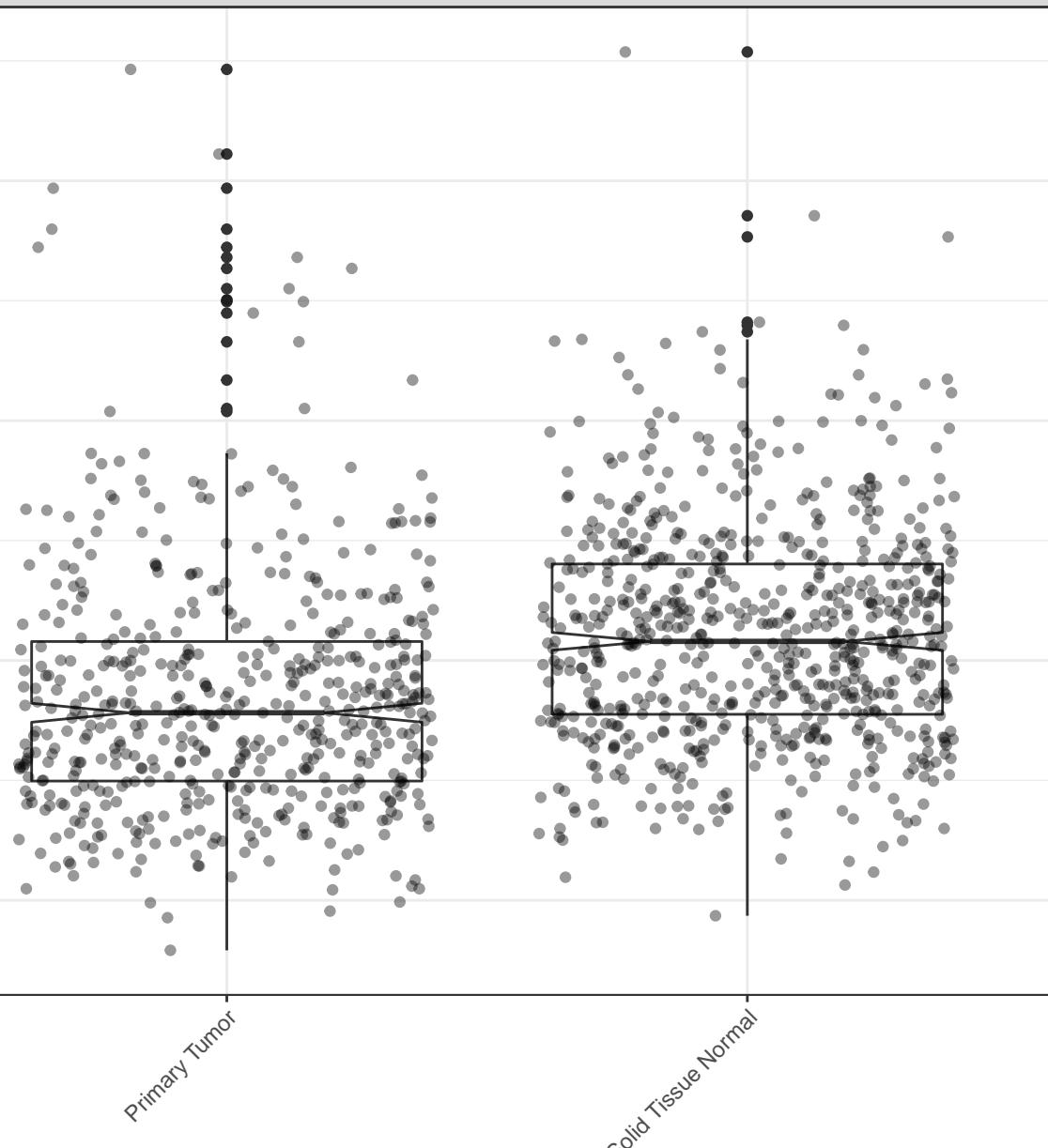
0.0

-0.1

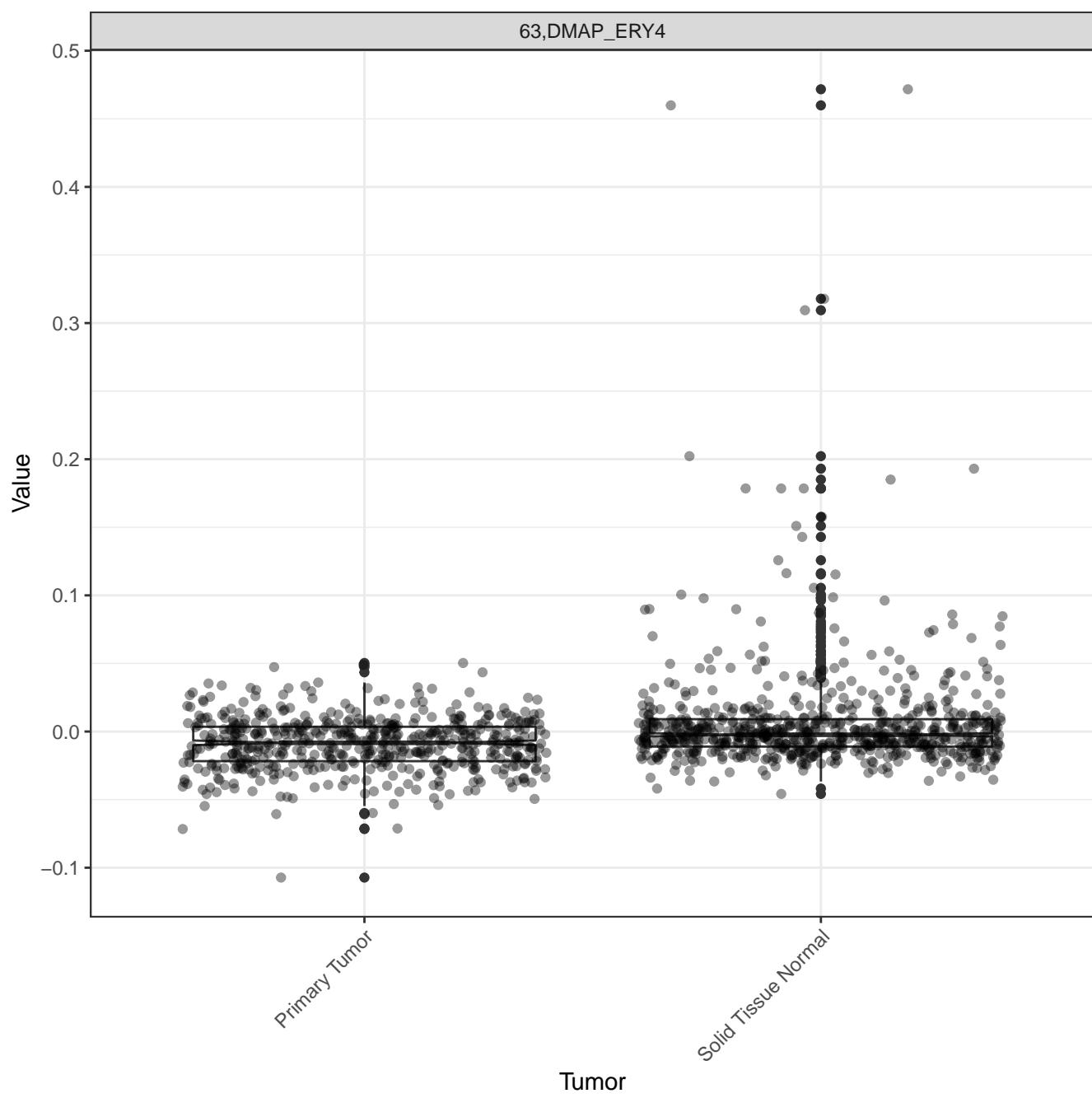
Primary Tumor

Solid Tissue Normal

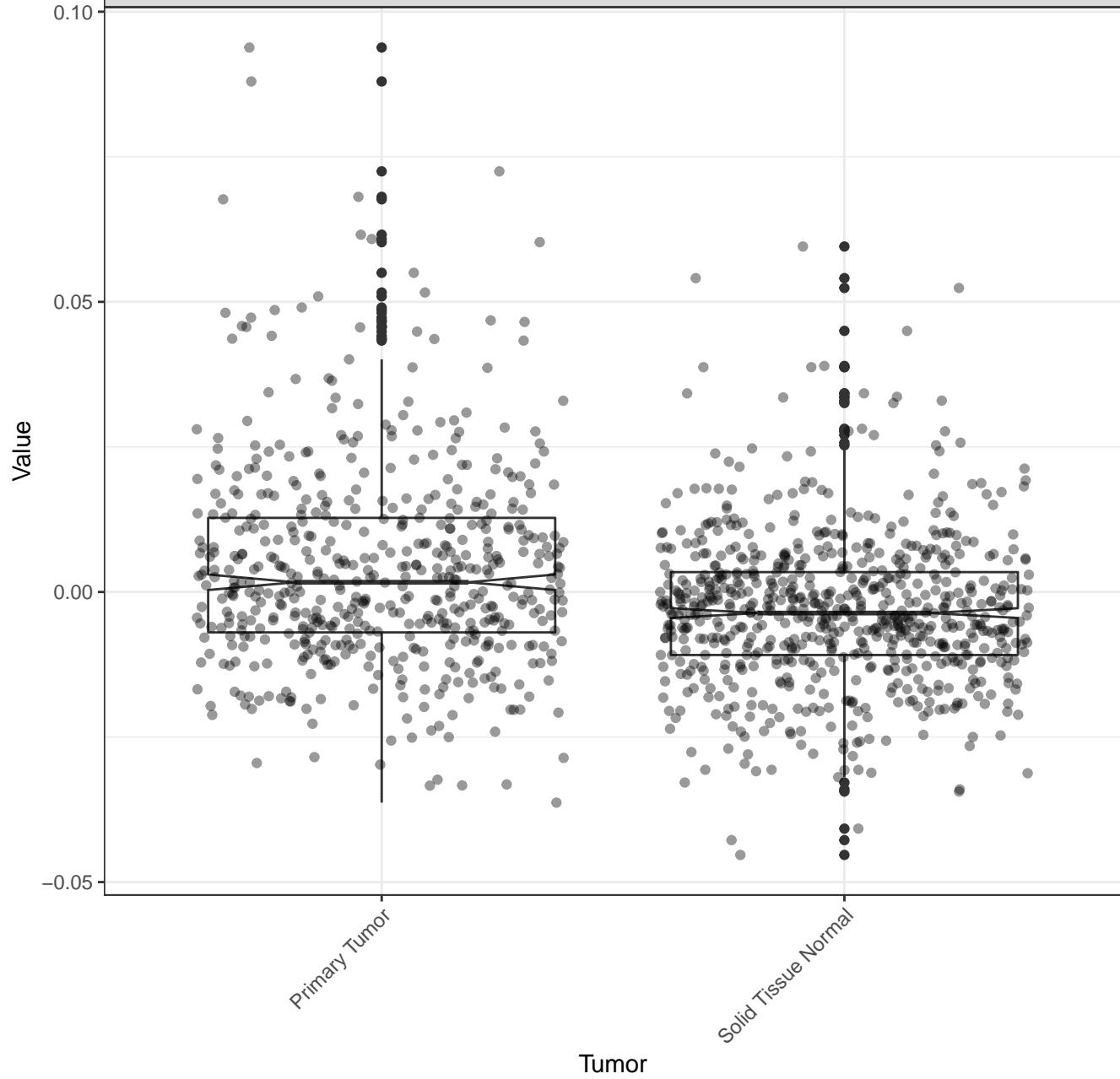
Tumor



## 63,DMAP\_ERY4



## 64,DMAP\_DENDA2



65,SVM NK cells resting

Value

0.4

0.3

0.2

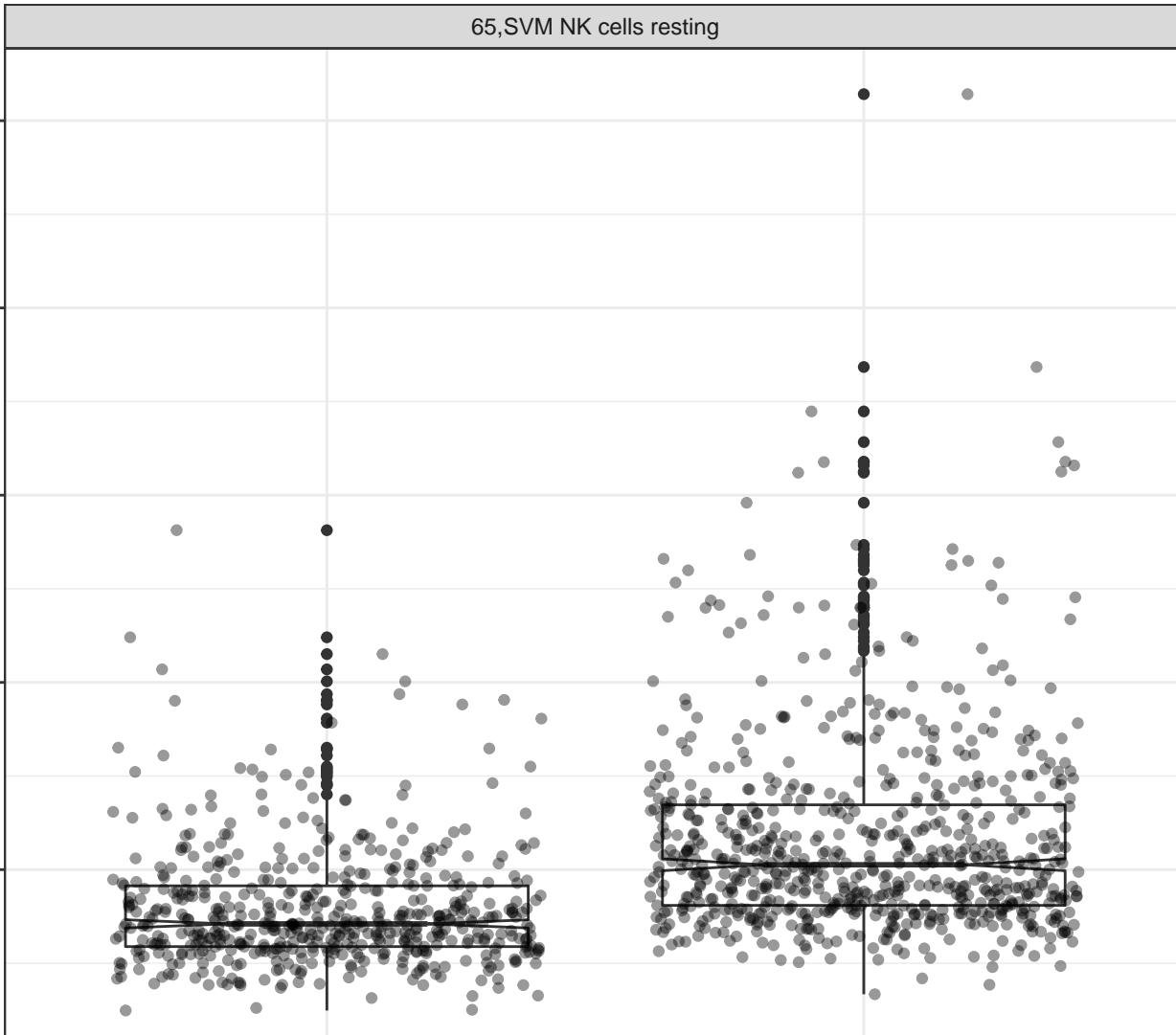
0.1

0.0

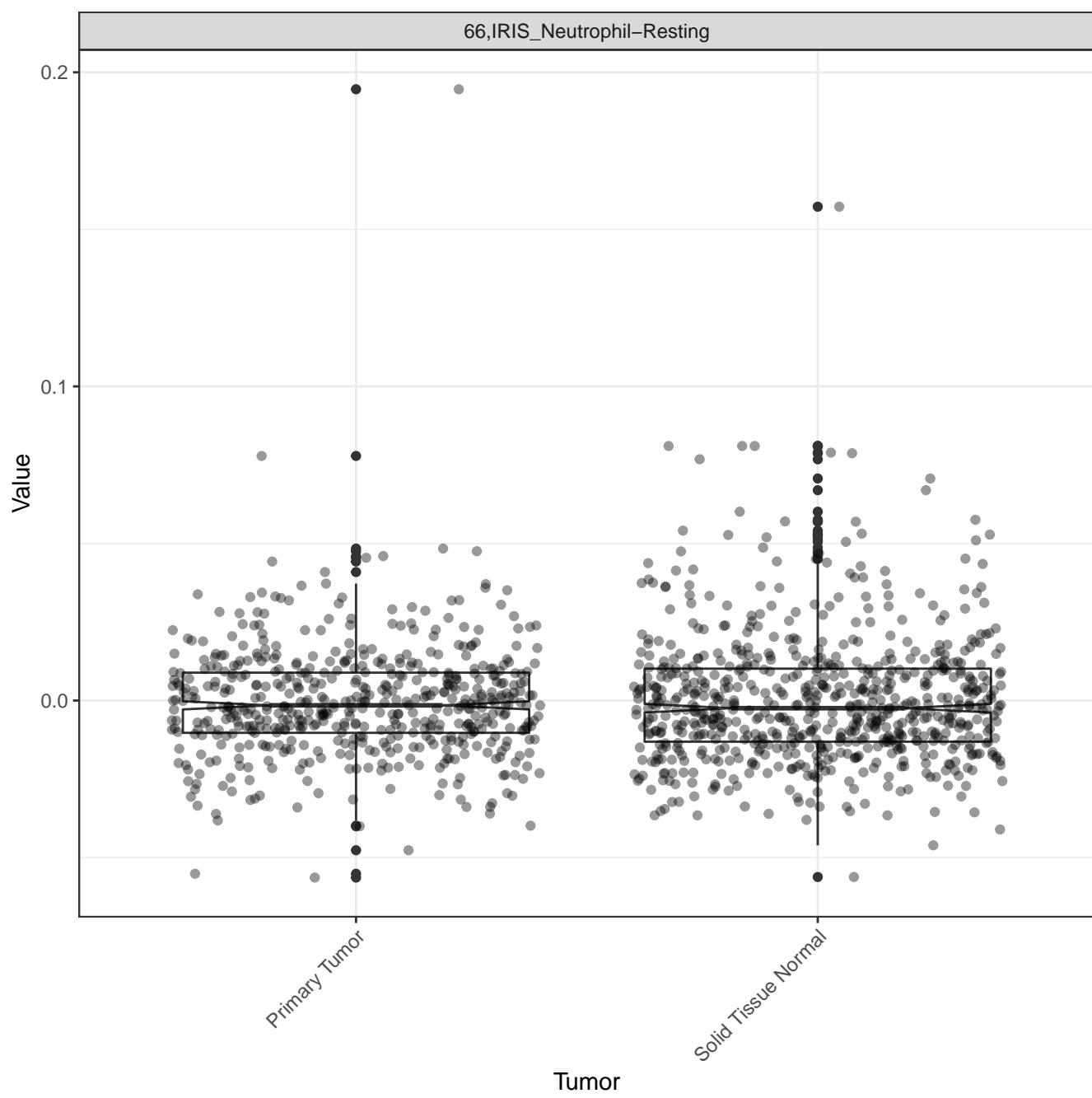
Primary Tumor

Solid Tissue Normal

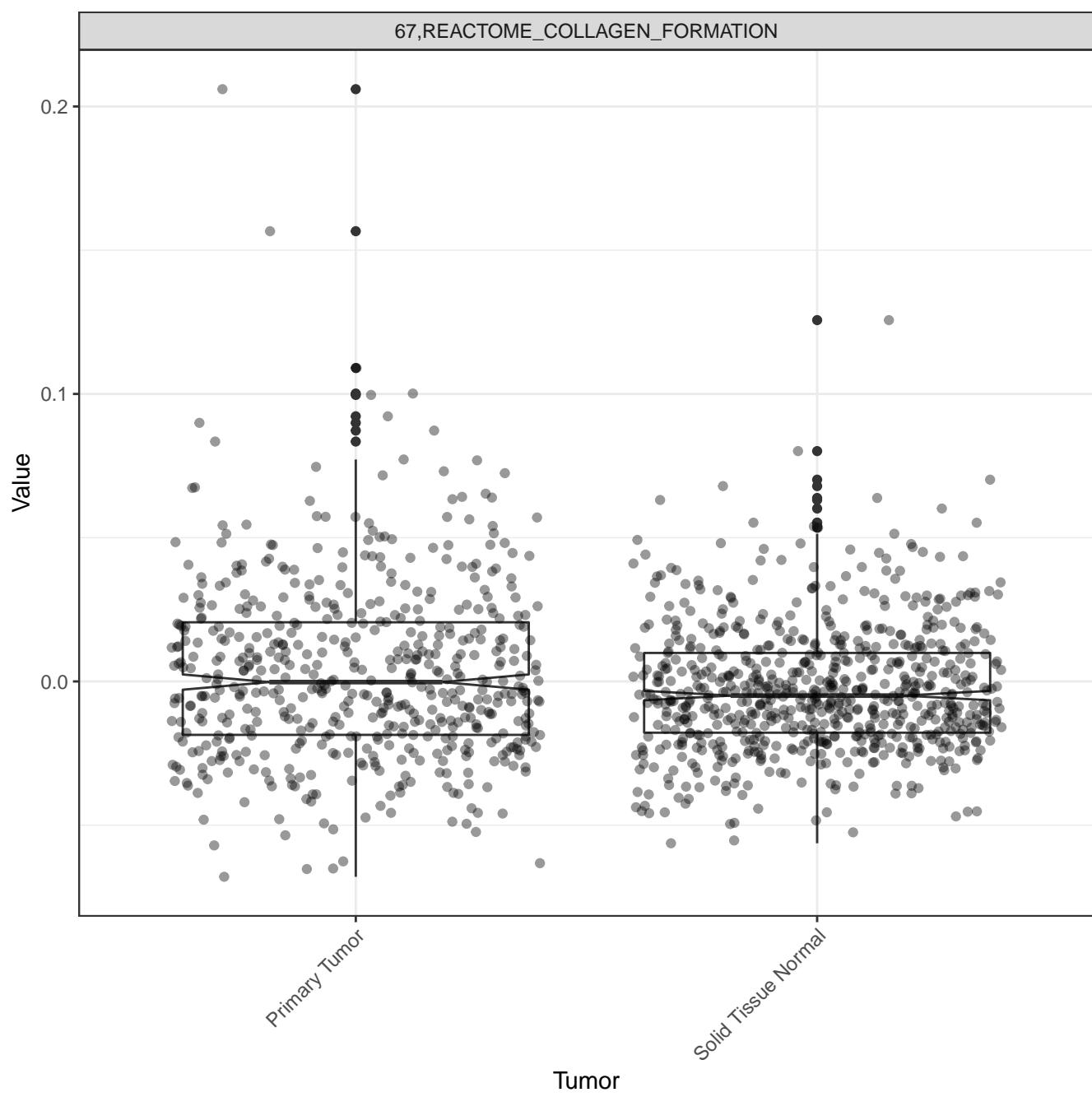
Tumor



## 66,IRIS\_Neutrophil–Resting



# 67,REACTOME\_COLLAGEN\_FORMATION



# 68,REACTOME\_RESPIRATORY\_ELECTRON\_TRANSPORT

Value

0.20

0.15

0.10

0.05

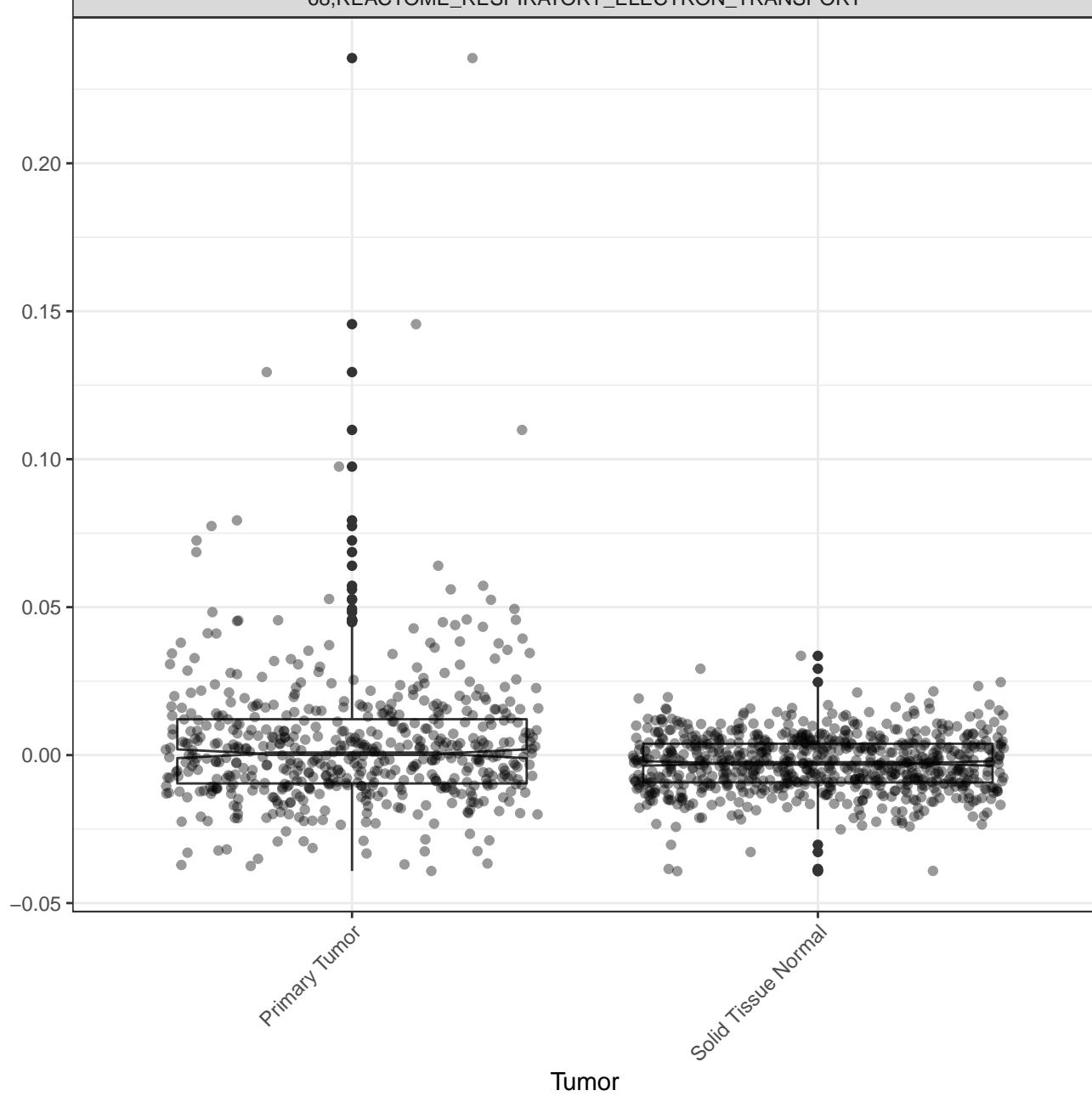
0.00

-0.05

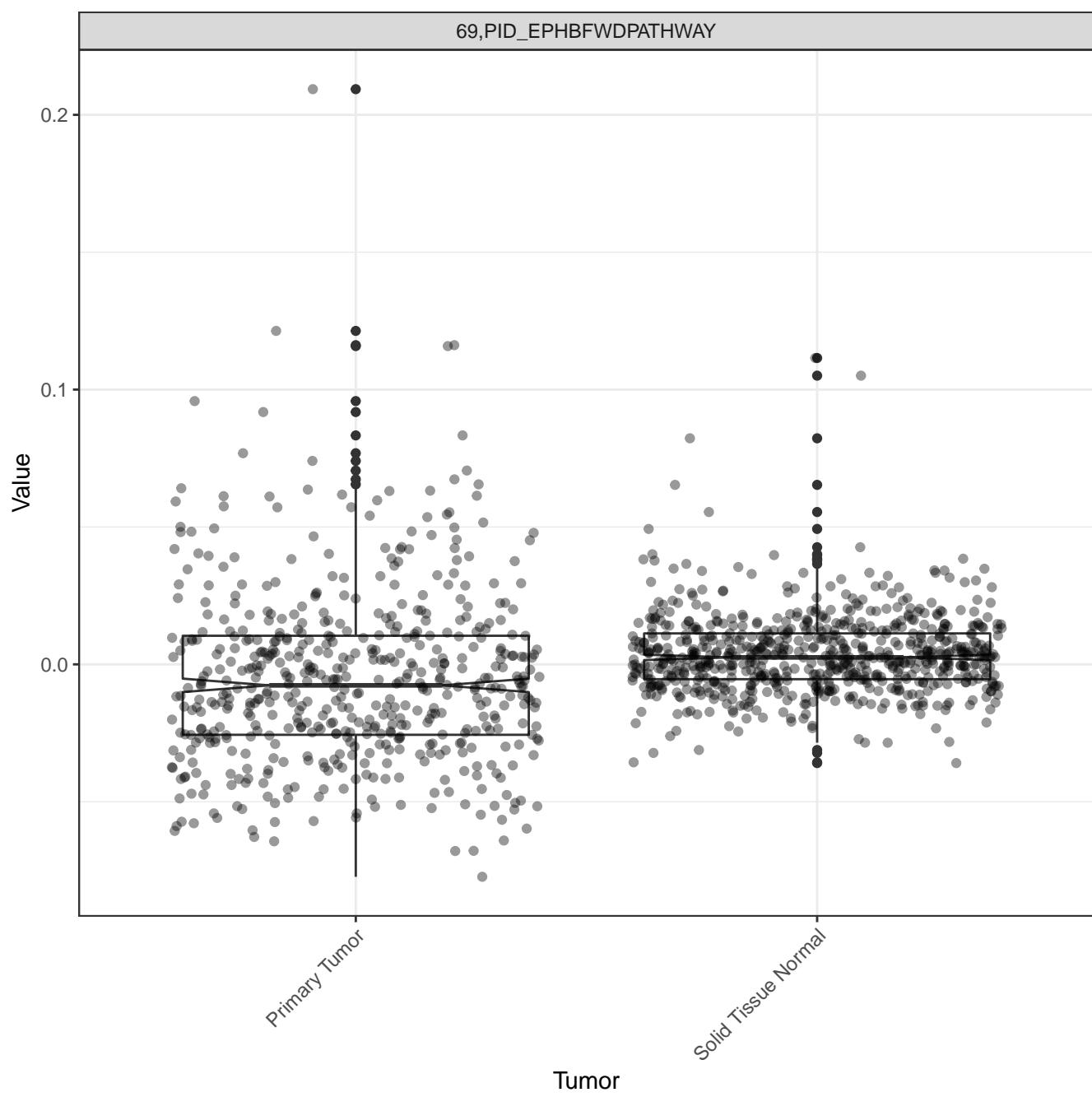
Primary Tumor

Solid Tissue Normal

Tumor



# 69,PID\_EPHBFWDPATHWAY



### 70,KEGG\_OXIDATIVE\_PHOSPHORYLATION

Value

0.10

0.05

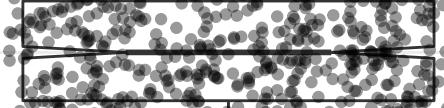
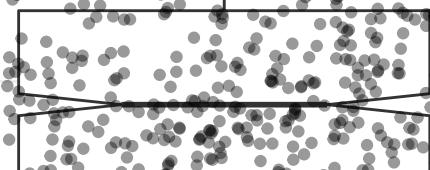
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



# 71,SIG\_PIP3\_SIGNALING\_IN\_CARDIAC\_MYOCTES

Value

0.15

0.10

0.05

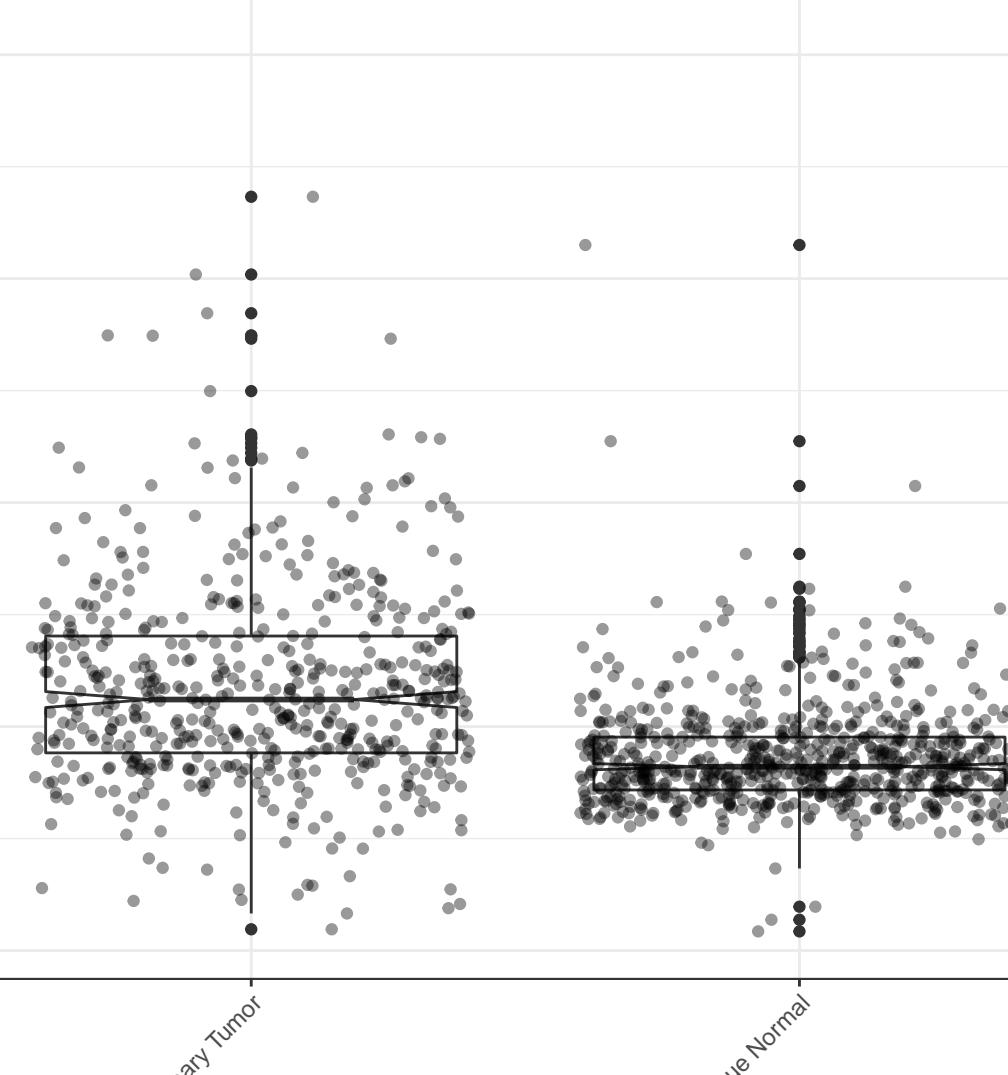
0.00

-0.05

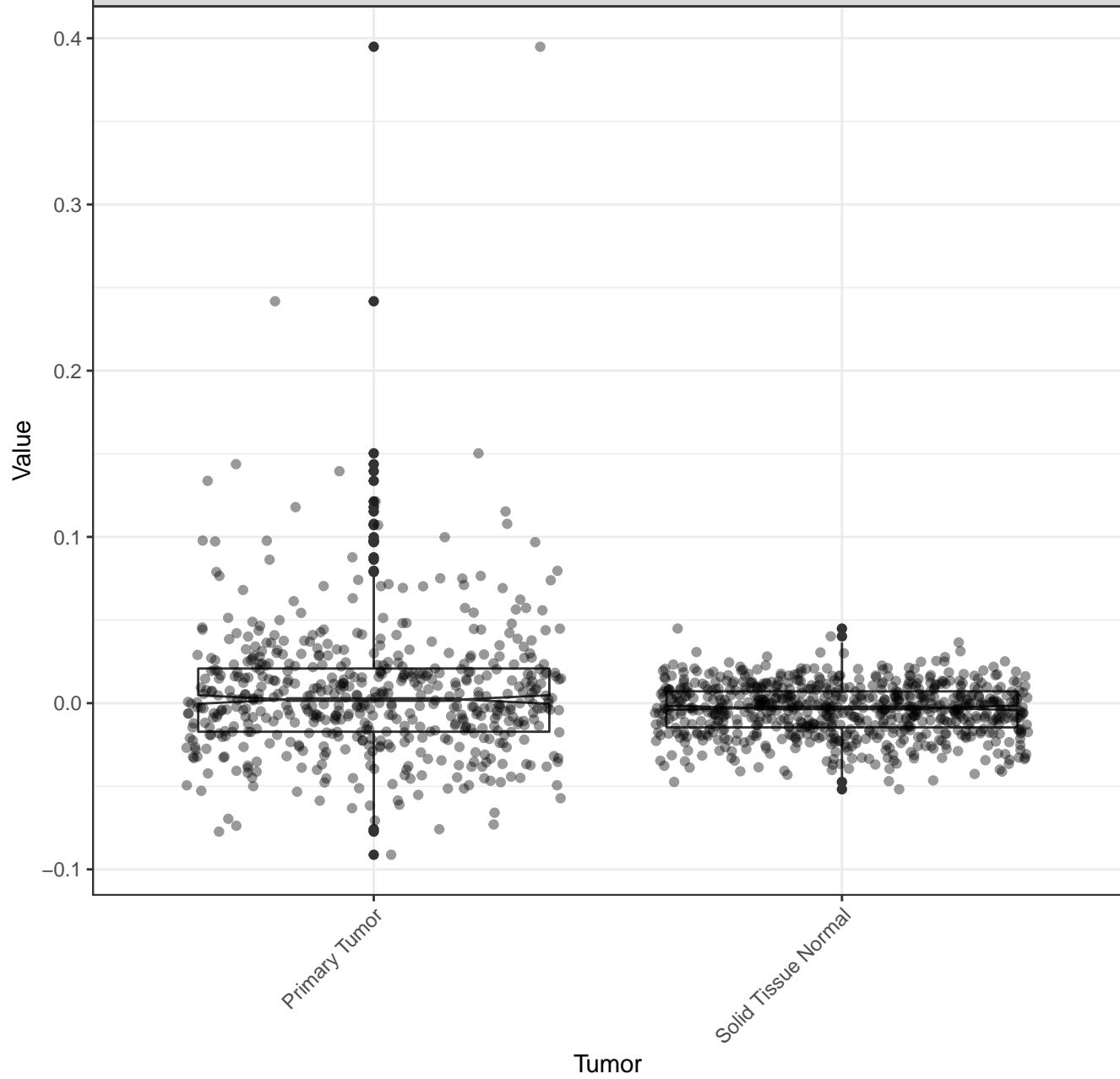
Primary Tumor

Solid Tissue Normal

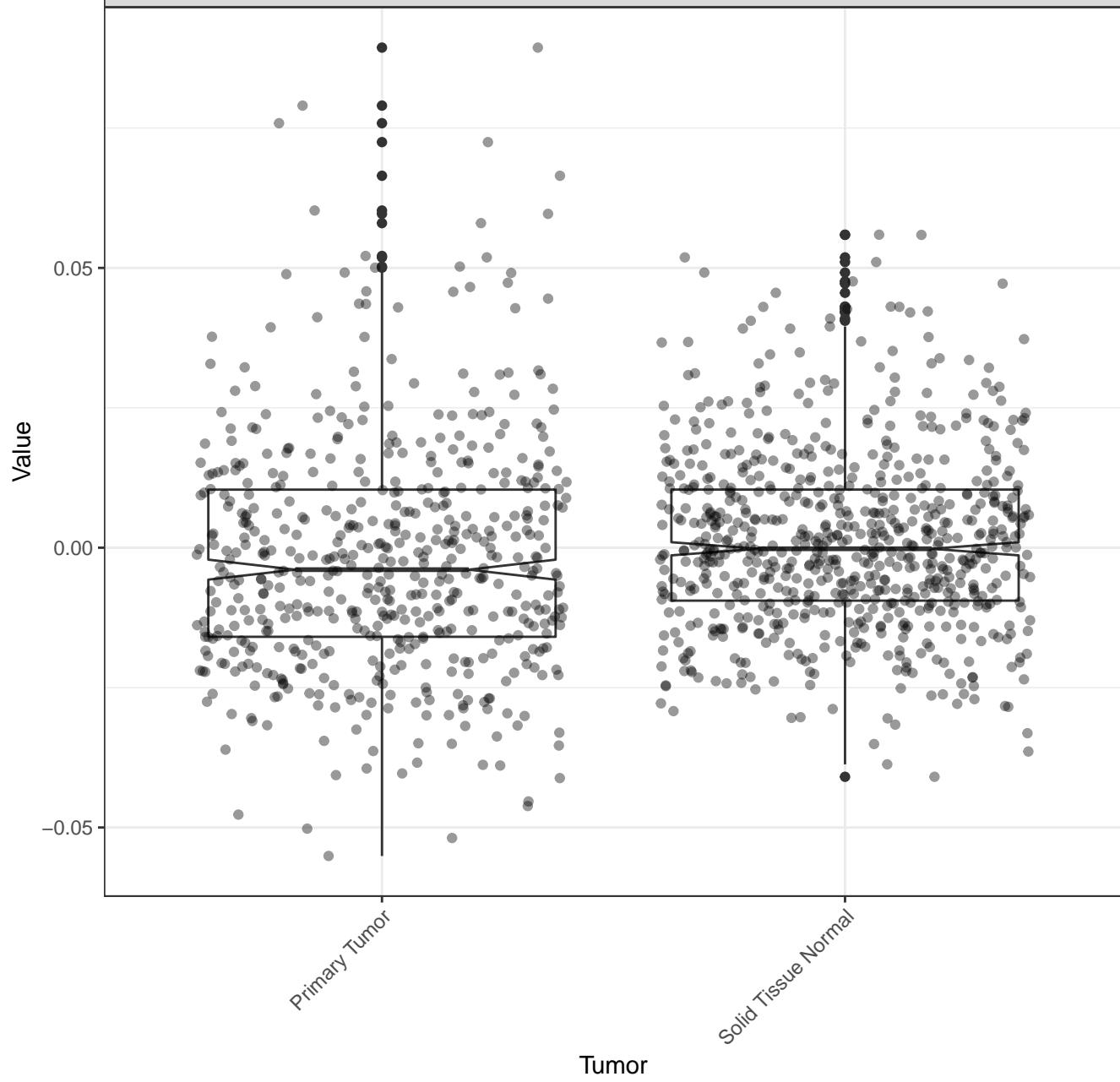
Tumor



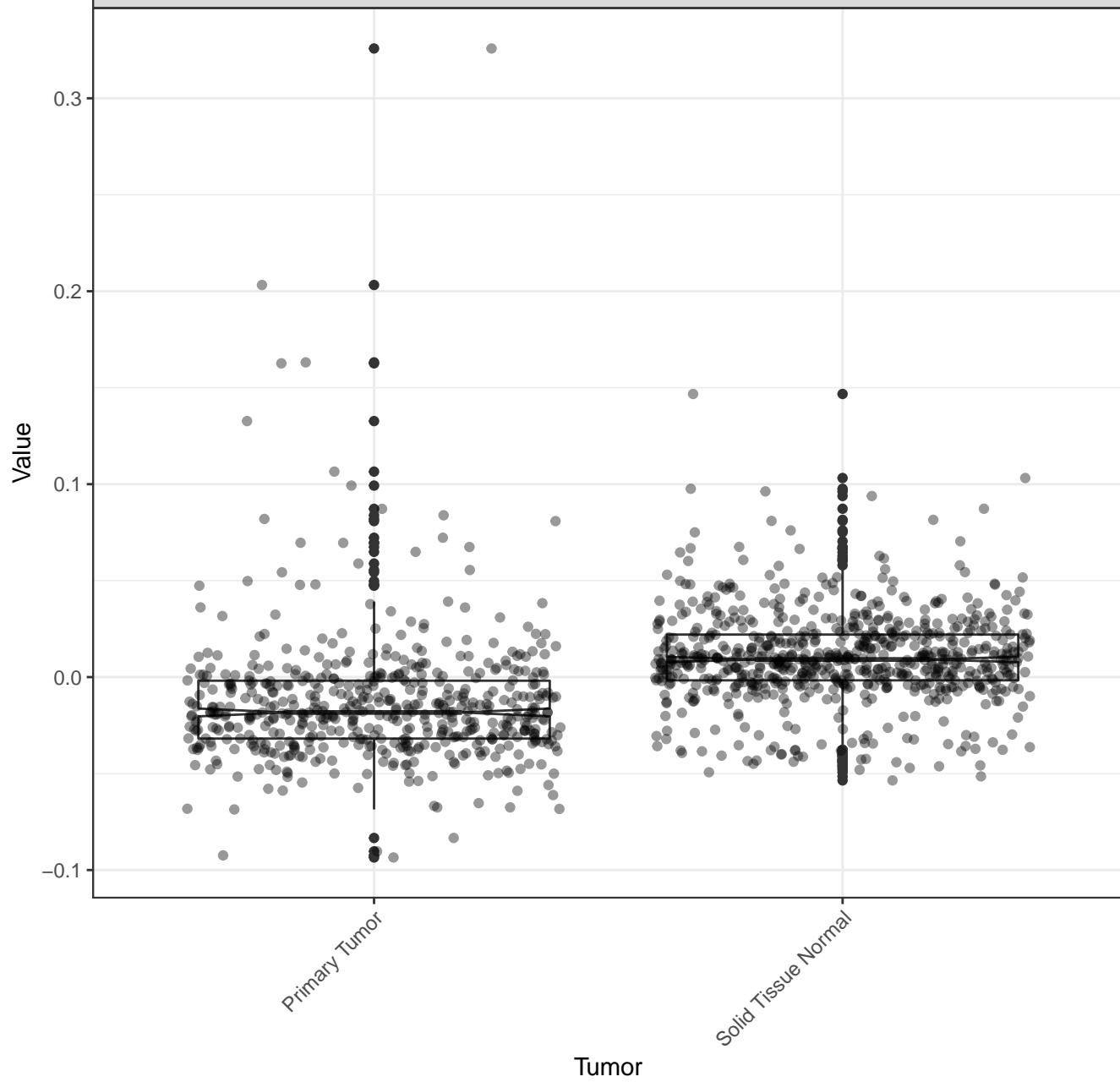
## 72,REACTOME\_TRANSMEMBRANE\_TRANSPORT\_OF\_SMALL\_MOLECULES



### 73,REACTOME\_GENERIC\_TRANSSCRIPTION\_PATHWAY



### 74,KEGG\_NOTCH\_SIGNALING\_PATHWAY



# 75,REACTOME\_TRANSMEMBRANE\_TRANSPORT\_OF\_SMALL\_MOLECULES

Value

0.3

0.2

0.1

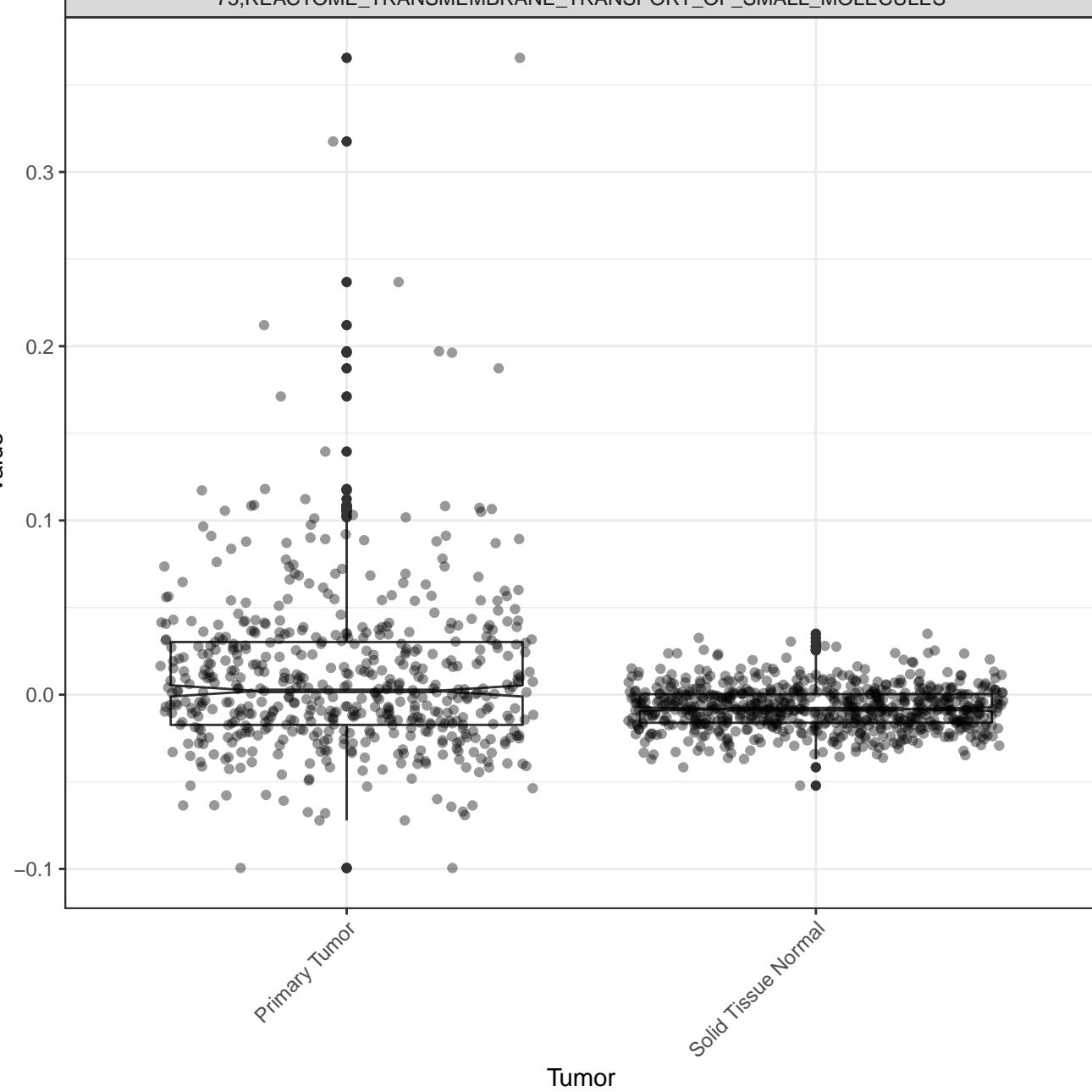
0.0

-0.1

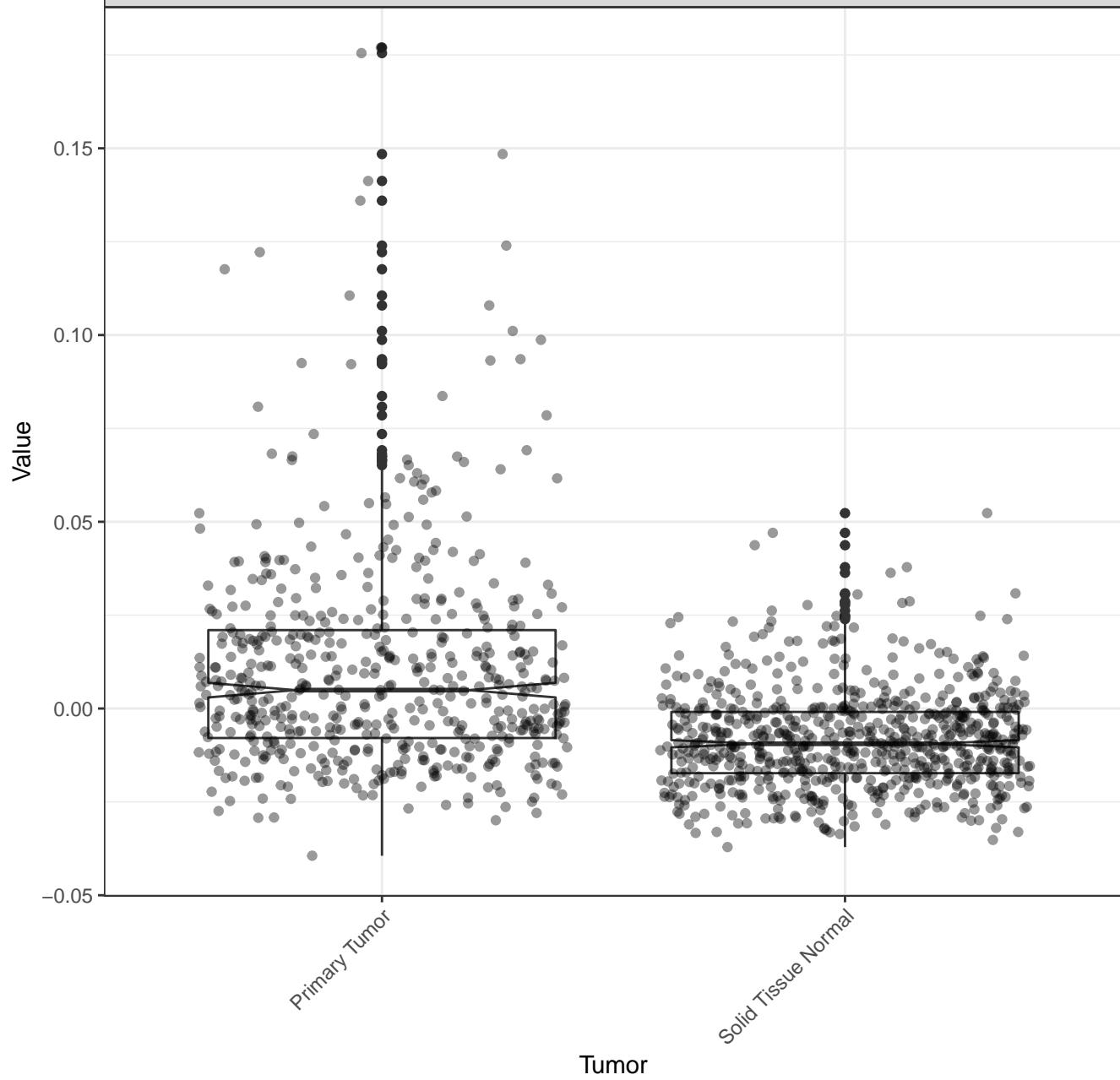
Primary Tumor

Tumor

Solid Tissue Normal



## 76,KEGG\_CELL\_CYCLE



### 77,KEGG\_METABOLISM\_OF\_XENOBIOTICS\_BY\_CYTOCHROME\_P450

Value

0.4

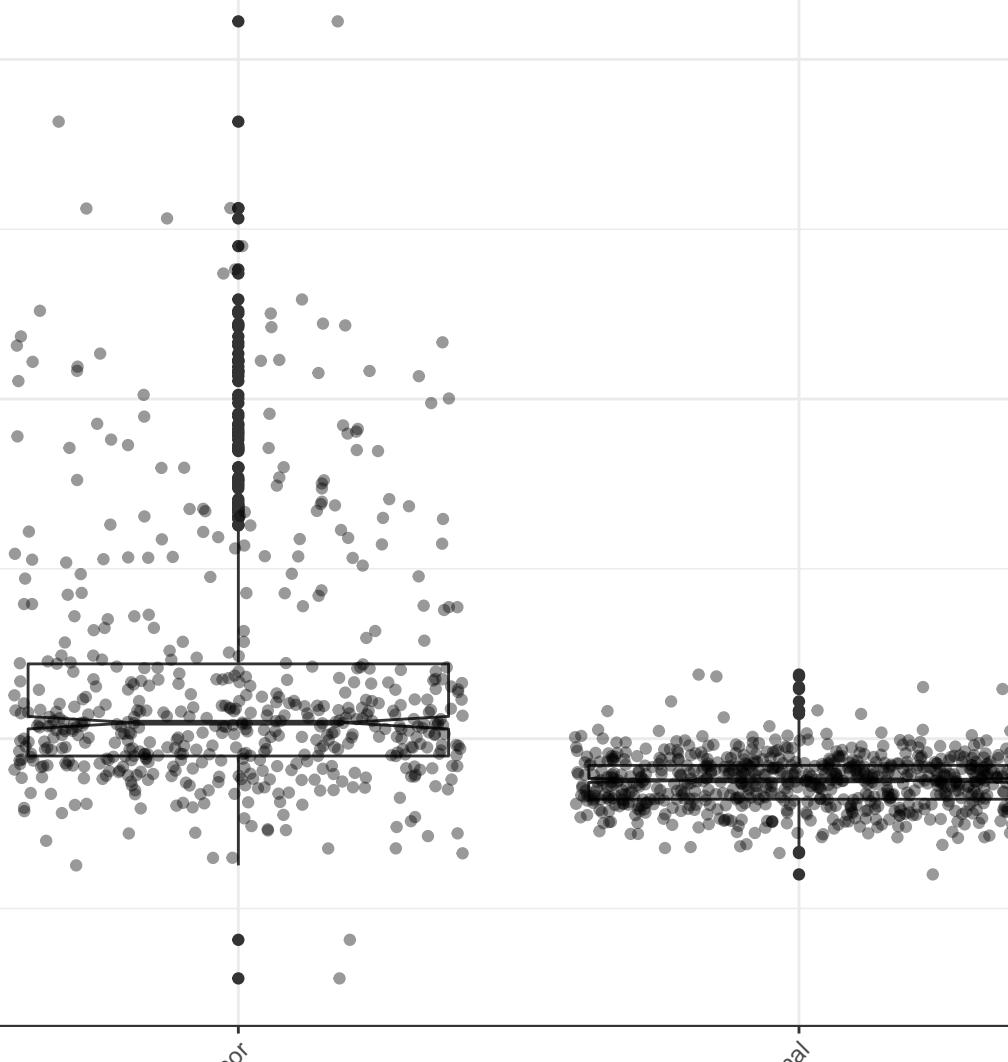
0.2

0.0

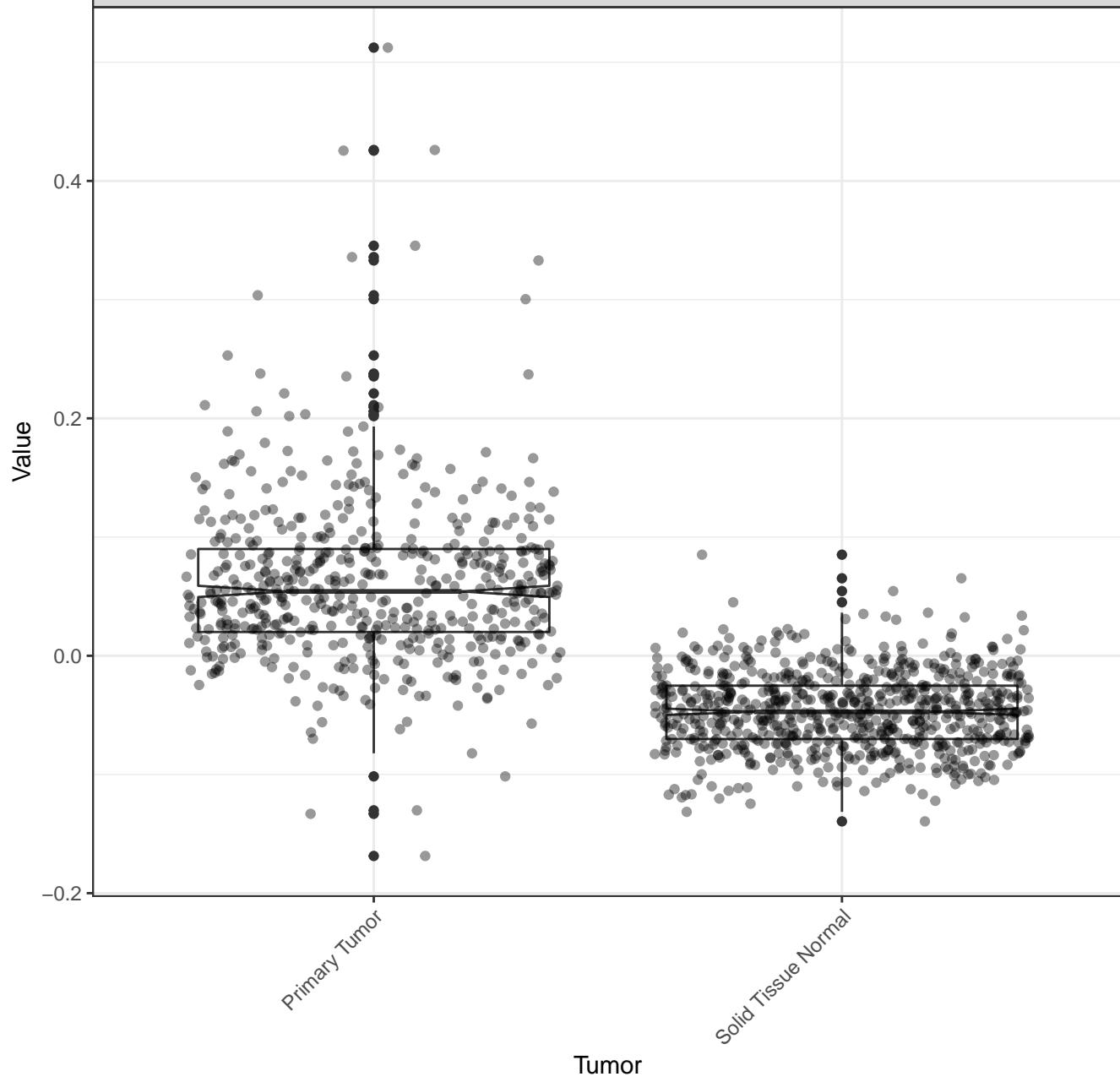
Primary Tumor

Solid Tissue Normal

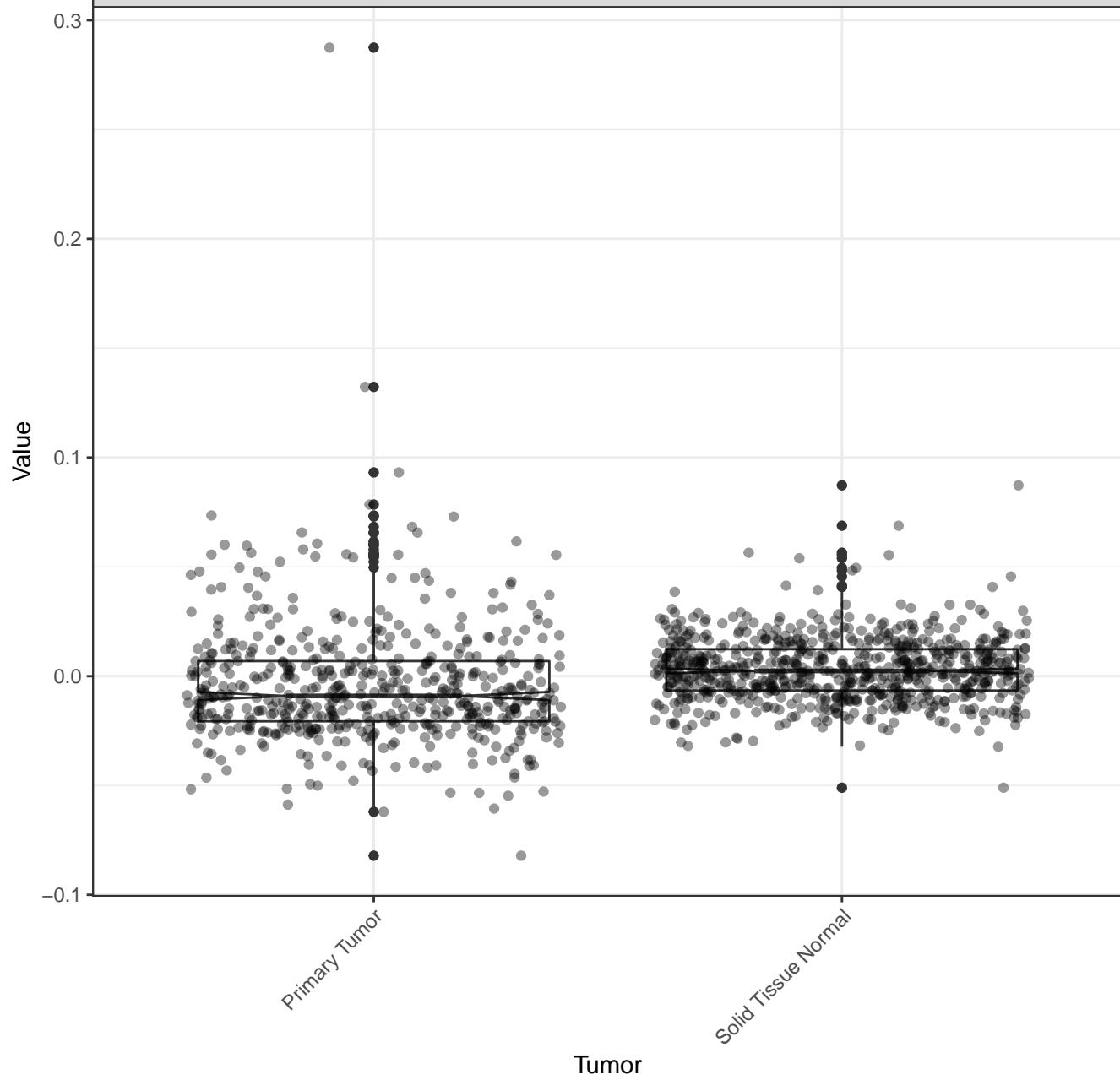
Tumor



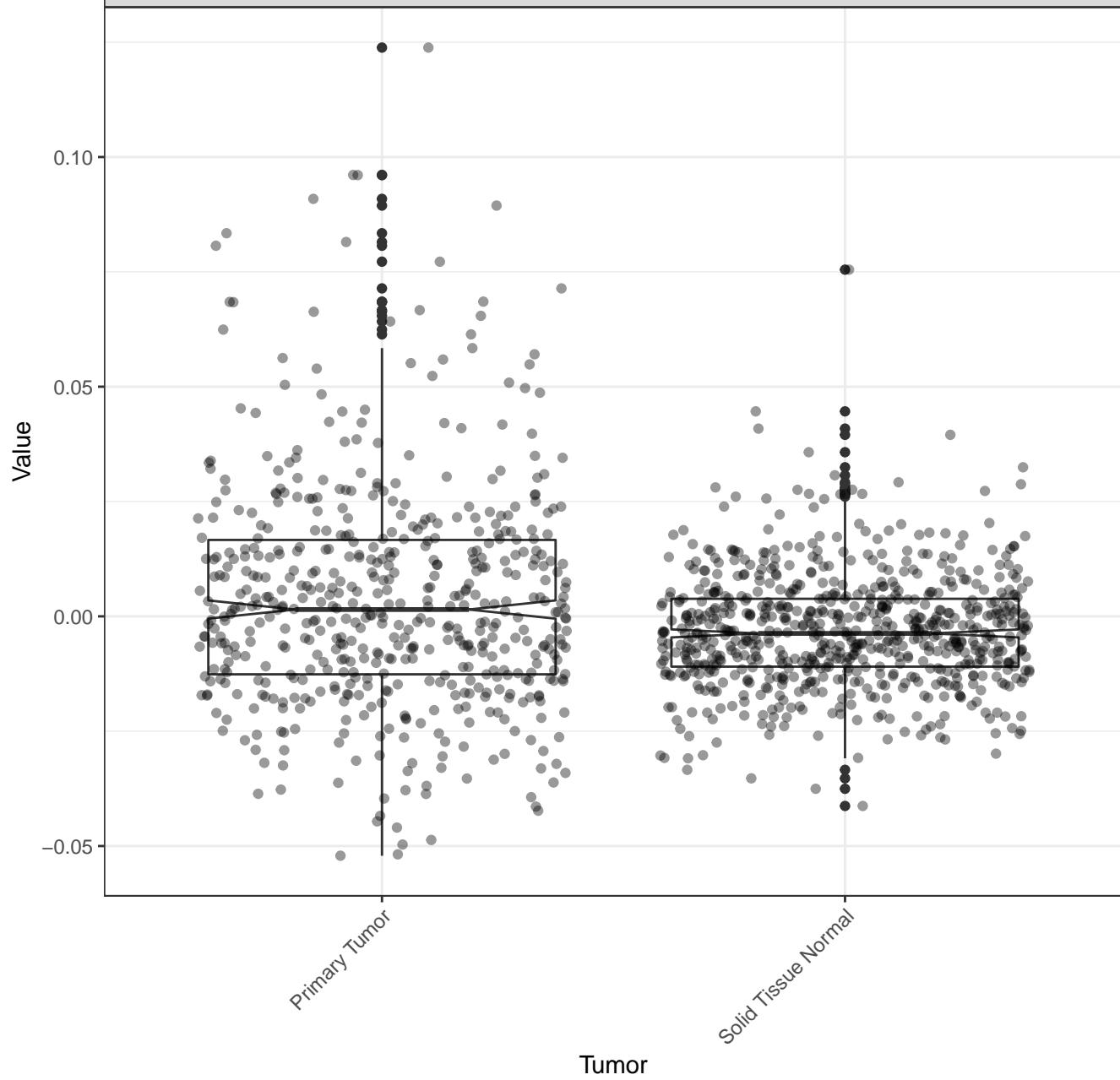
## 78,KEGG\_TIGHT\_JUNCTION



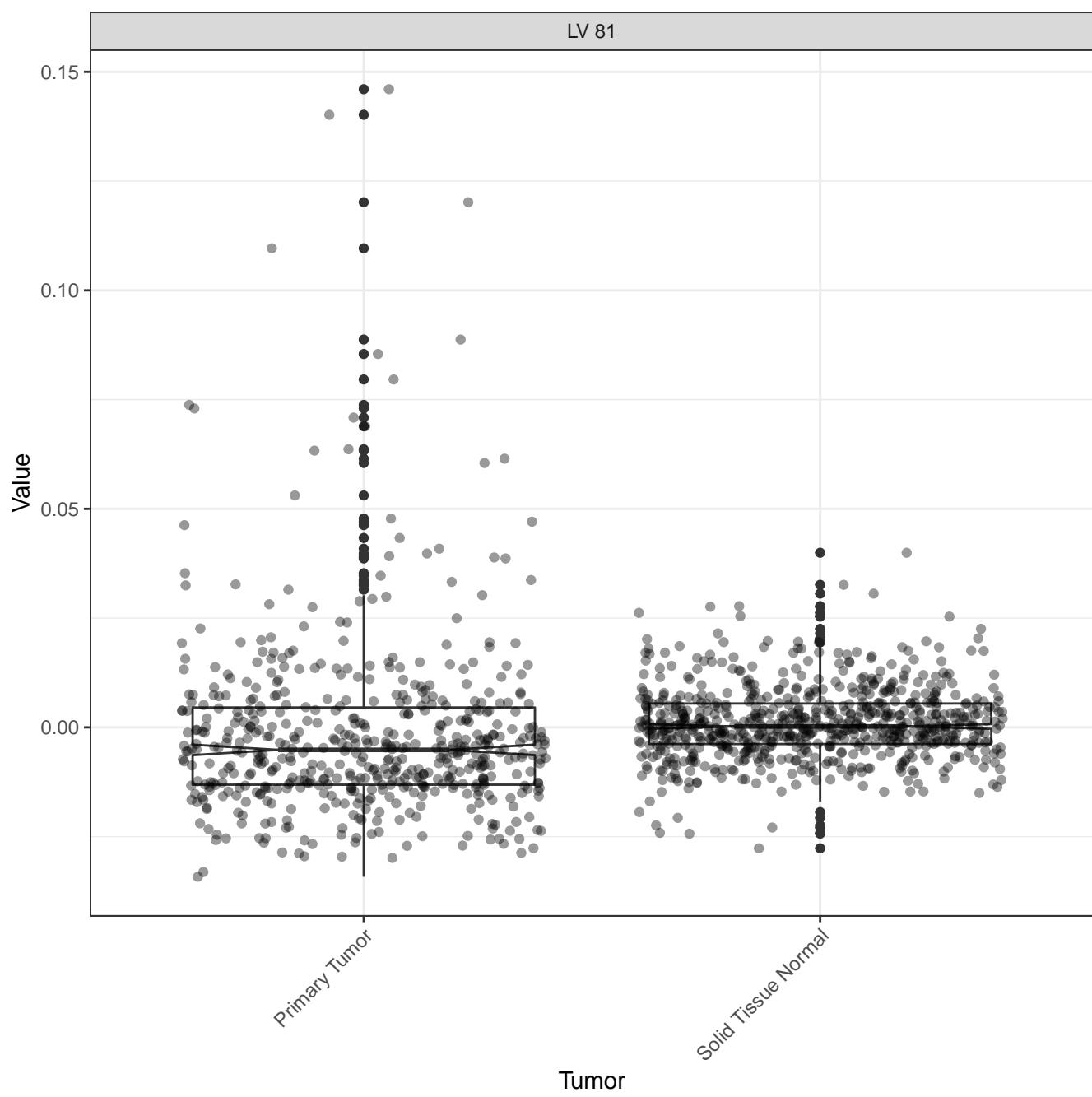
### 79,KEGG\_METABOLISM\_OF\_XENOBIOTICS\_BY\_CYTOCHROME\_P450



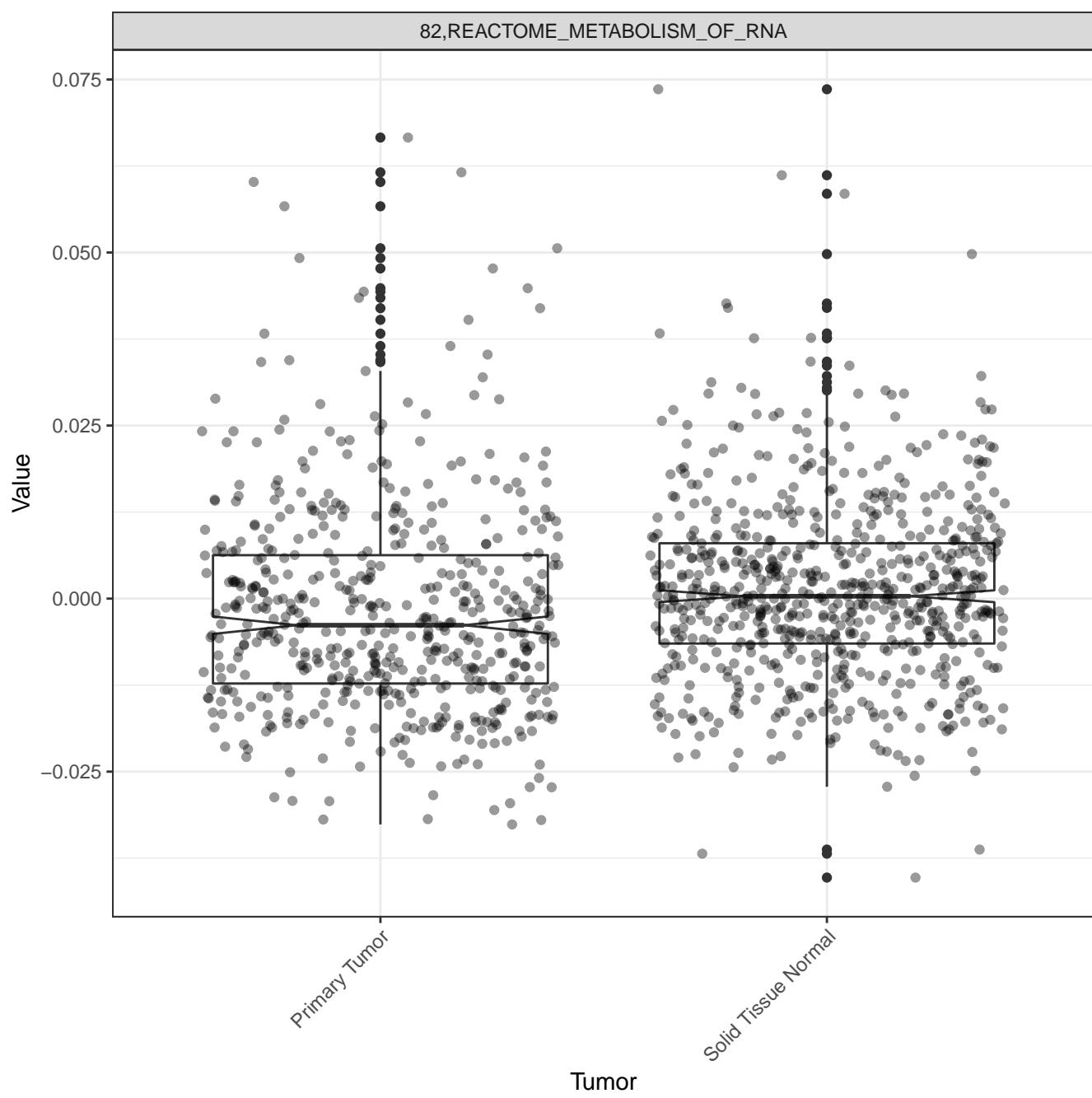
## 80,REACTOME\_MEMBRANE\_TRAFFICKING



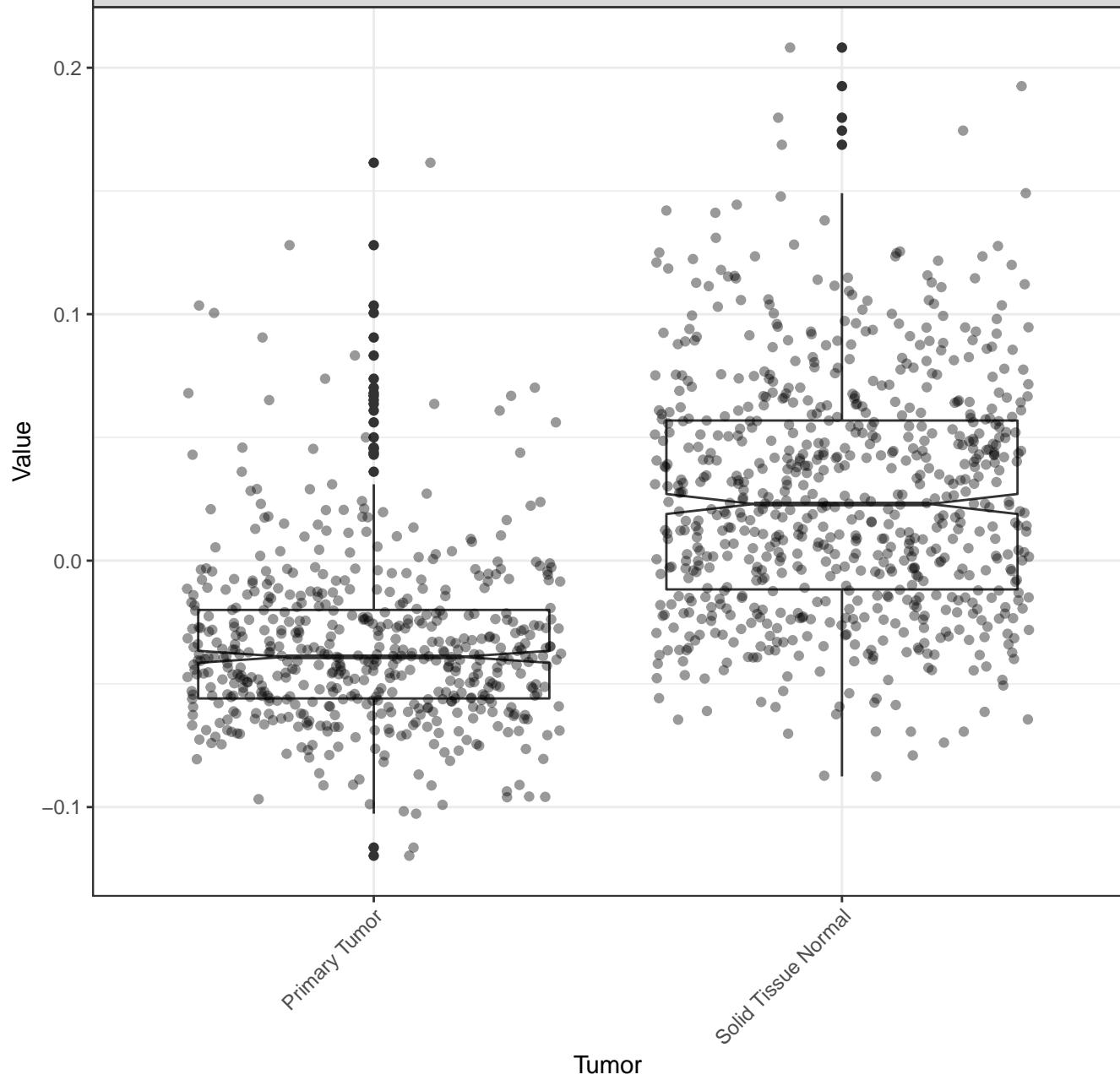
LV 81



## 82,REACTOME\_METABOLISM\_OF\_RNA



### 83,SVM Monocytes



## 84,REACTOME\_RNA\_POL\_III\_TRANSCRIPTION

Value

0.05

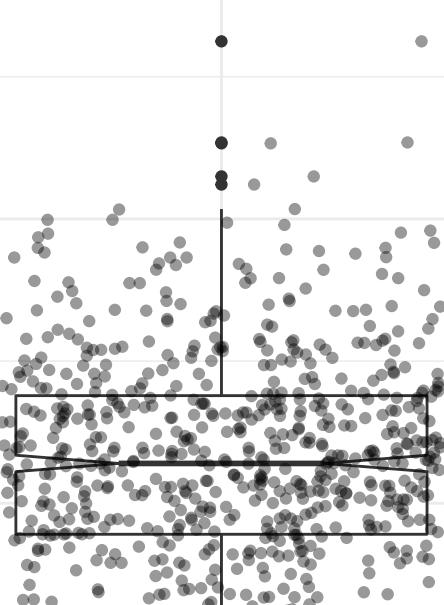
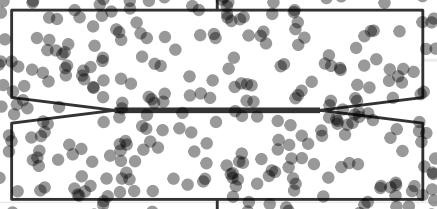
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



## 85,REACTOME\_CLASS\_A1\_RHODOPSIN\_LIKE\_RECEPTEORS

Value

0.05

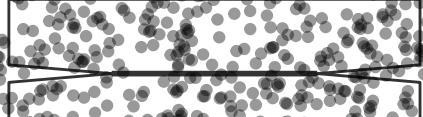
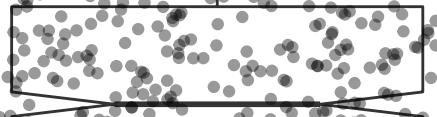
0.00

-0.05

Primary Tumor

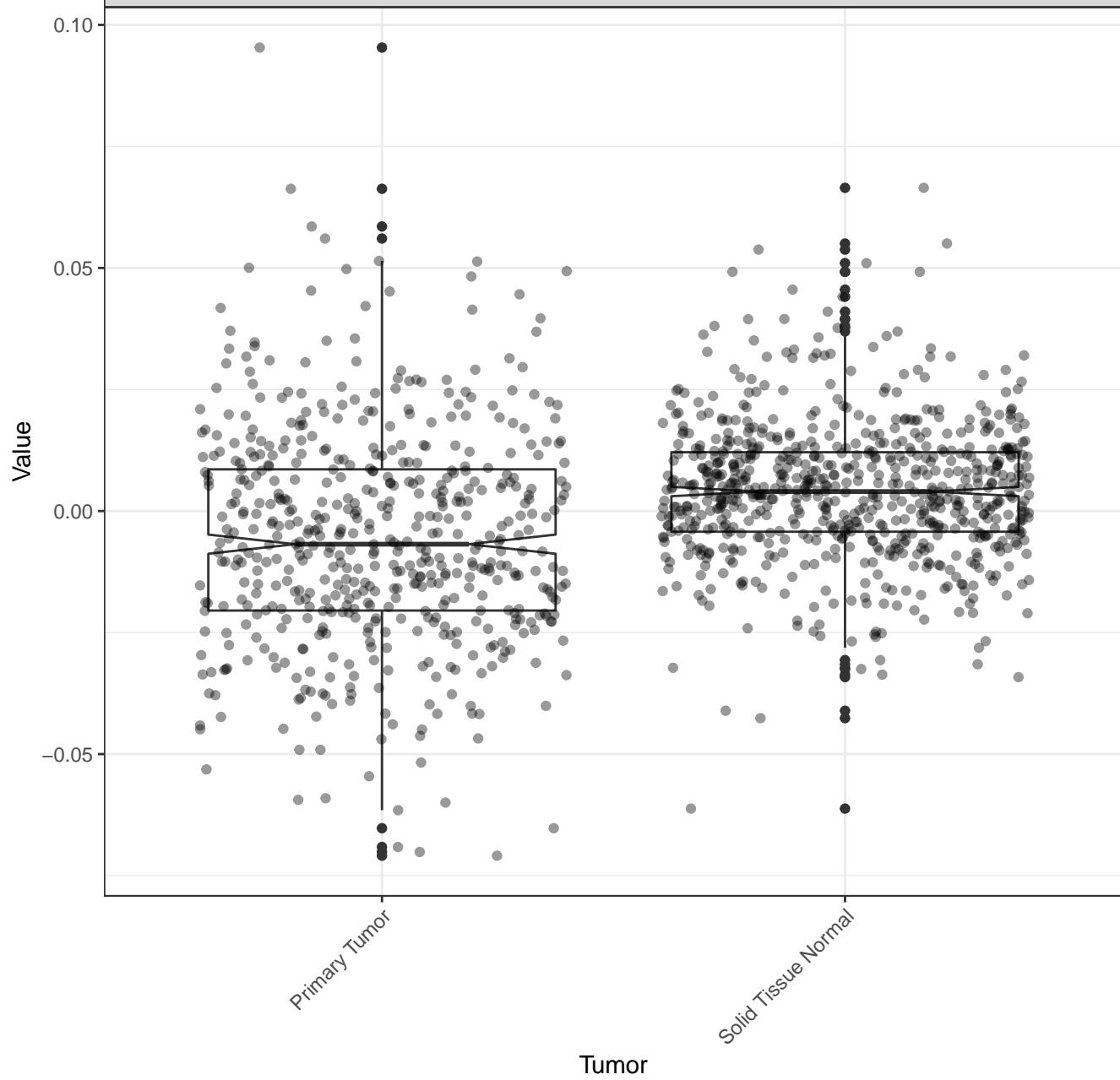
Solid Tissue Normal

Tumor

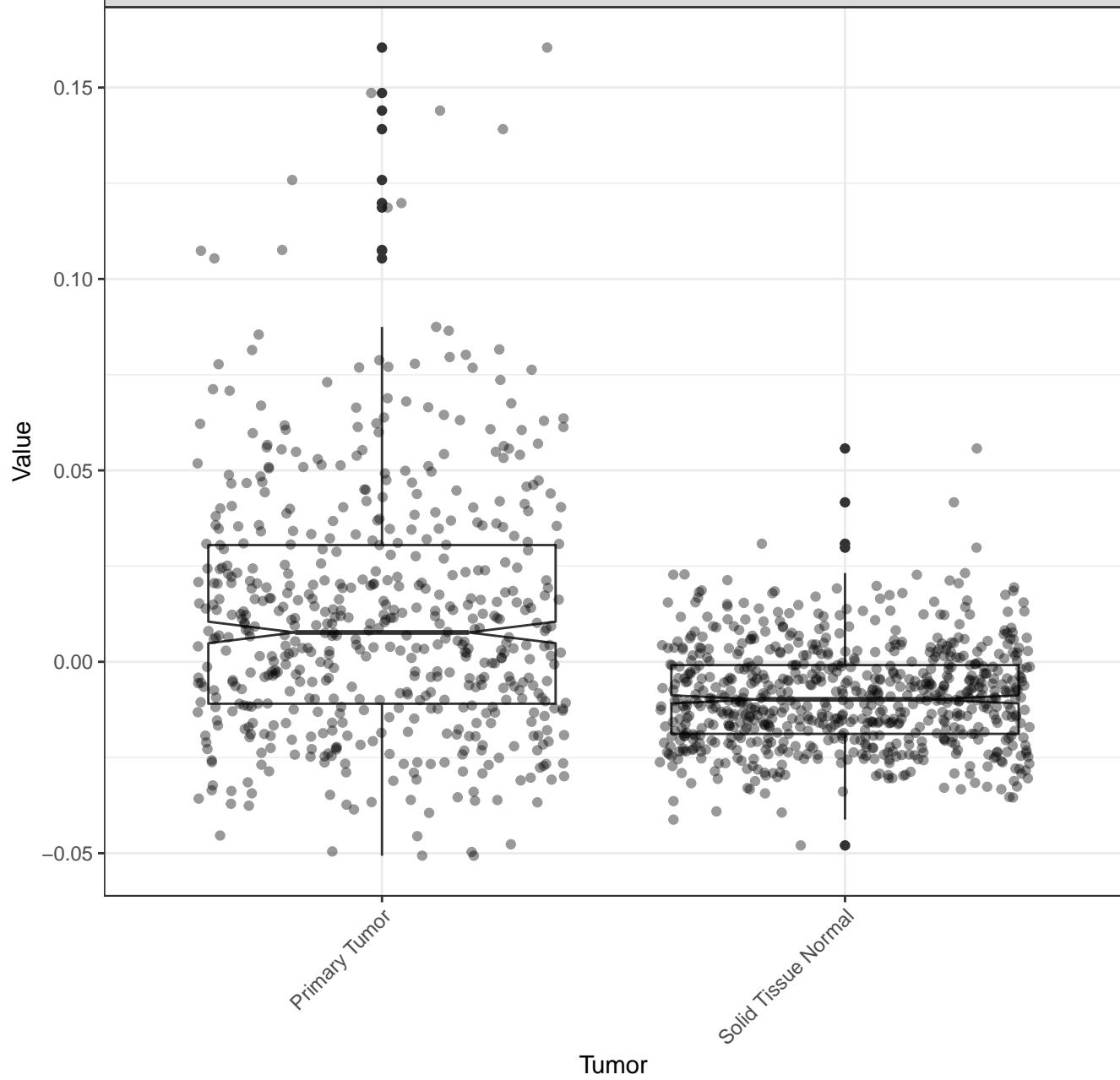


## 85,REACTOME\_CLASS\_A1\_RHODOPSIN\_LIKE\_RECEPTEORS

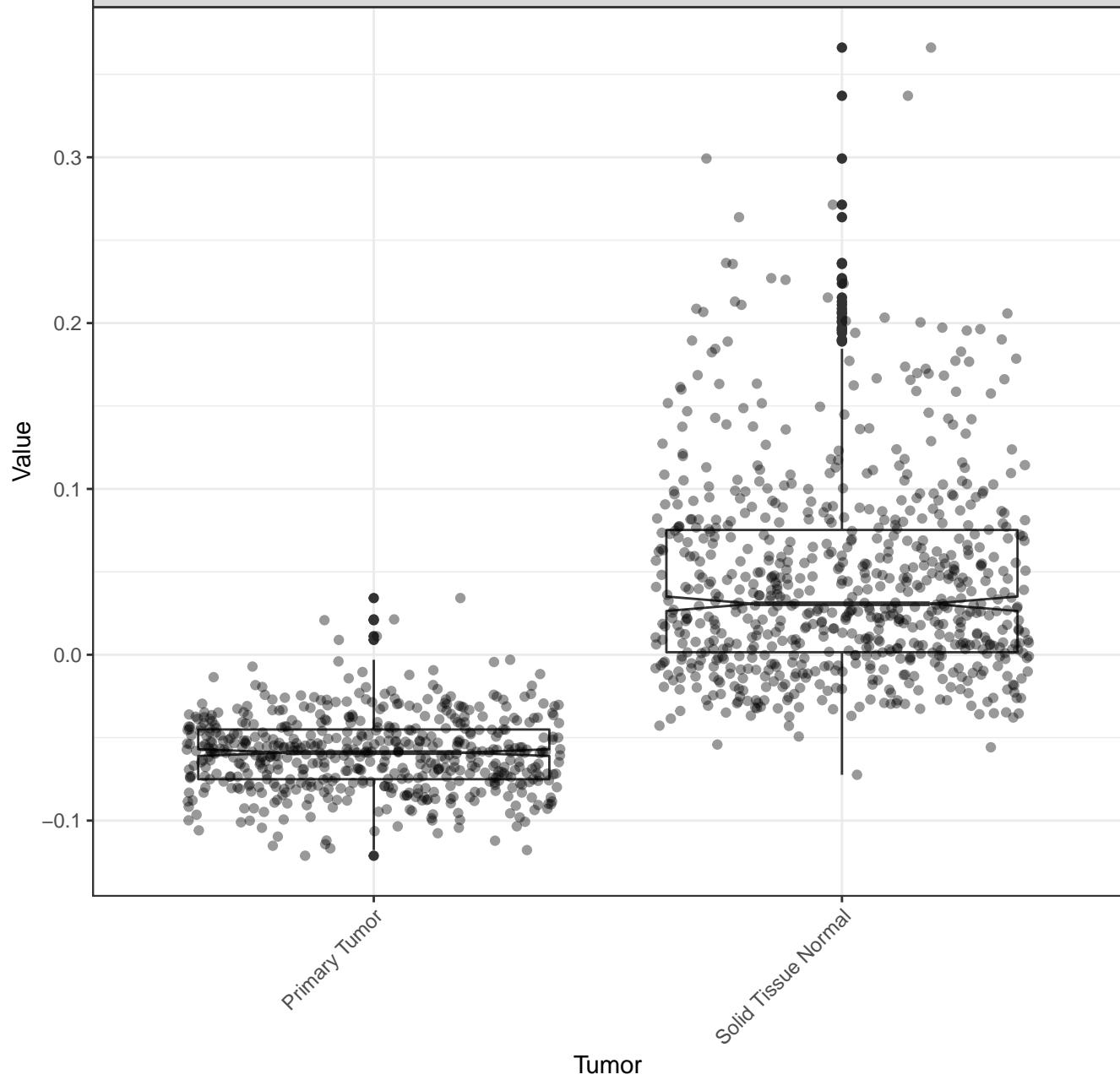
# 86,REACTOME\_RNA\_POL\_II\_PRE\_TRANSCRIPTION\_EVENTS



# 87,REACTOME\_L1CAM\_INTERACTIONS



## 88,REACTOME\_MUSCLE\_CONTRACTION



LV 89

Value

0.10

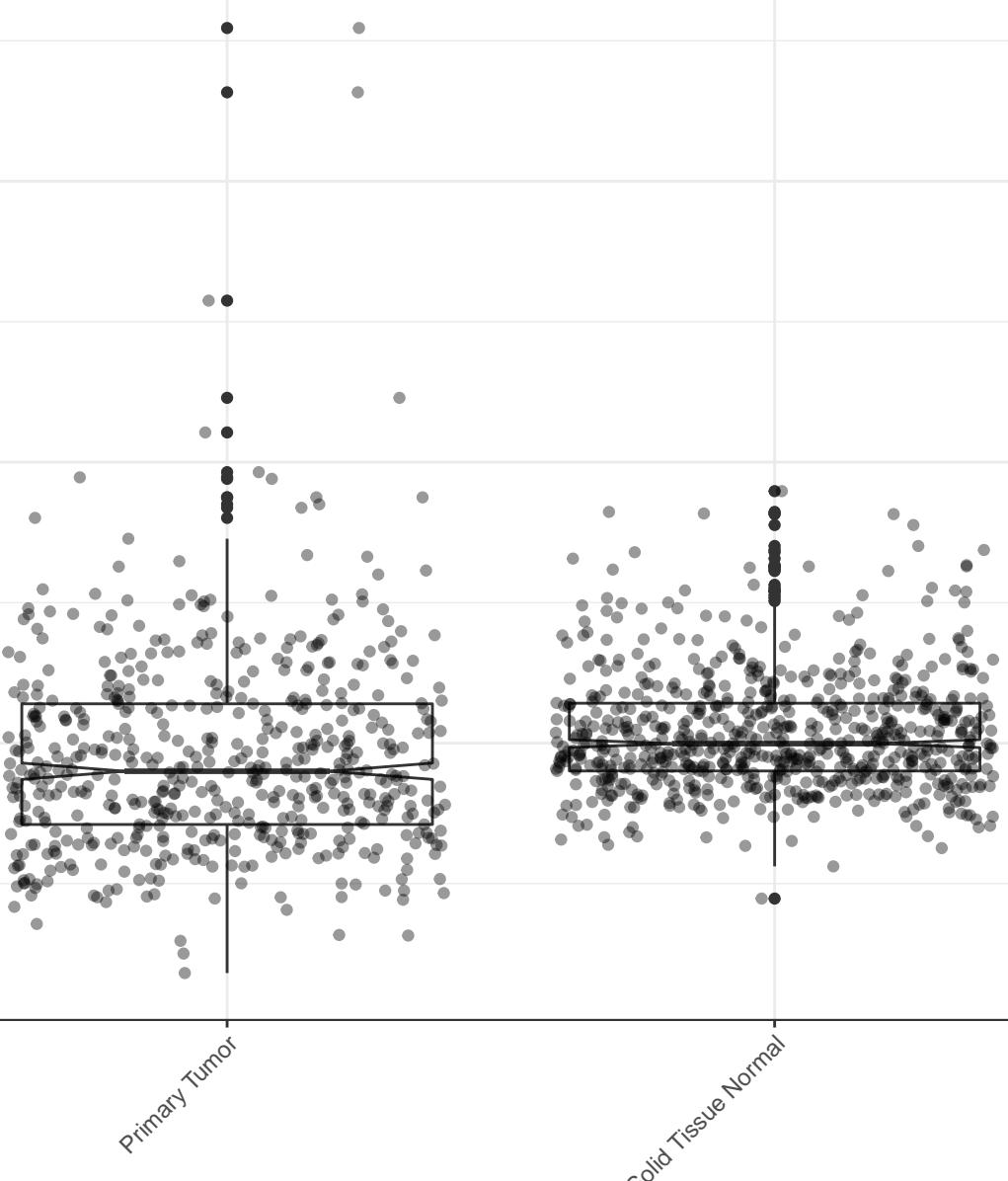
0.05

0.00

Primary Tumor

Solid Tissue Normal

Tumor



LV 90

Value

0.15

0.10

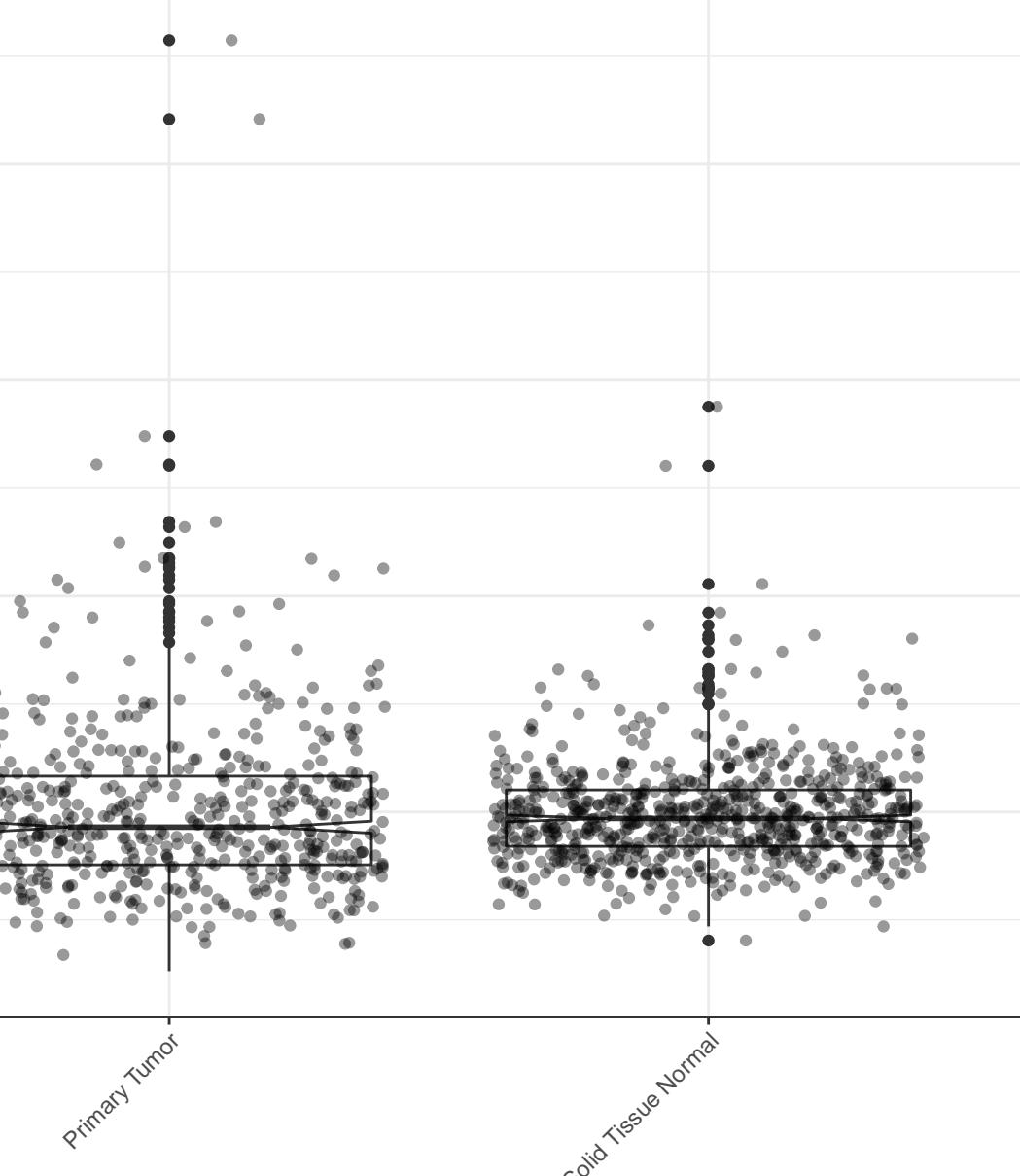
0.05

0.00

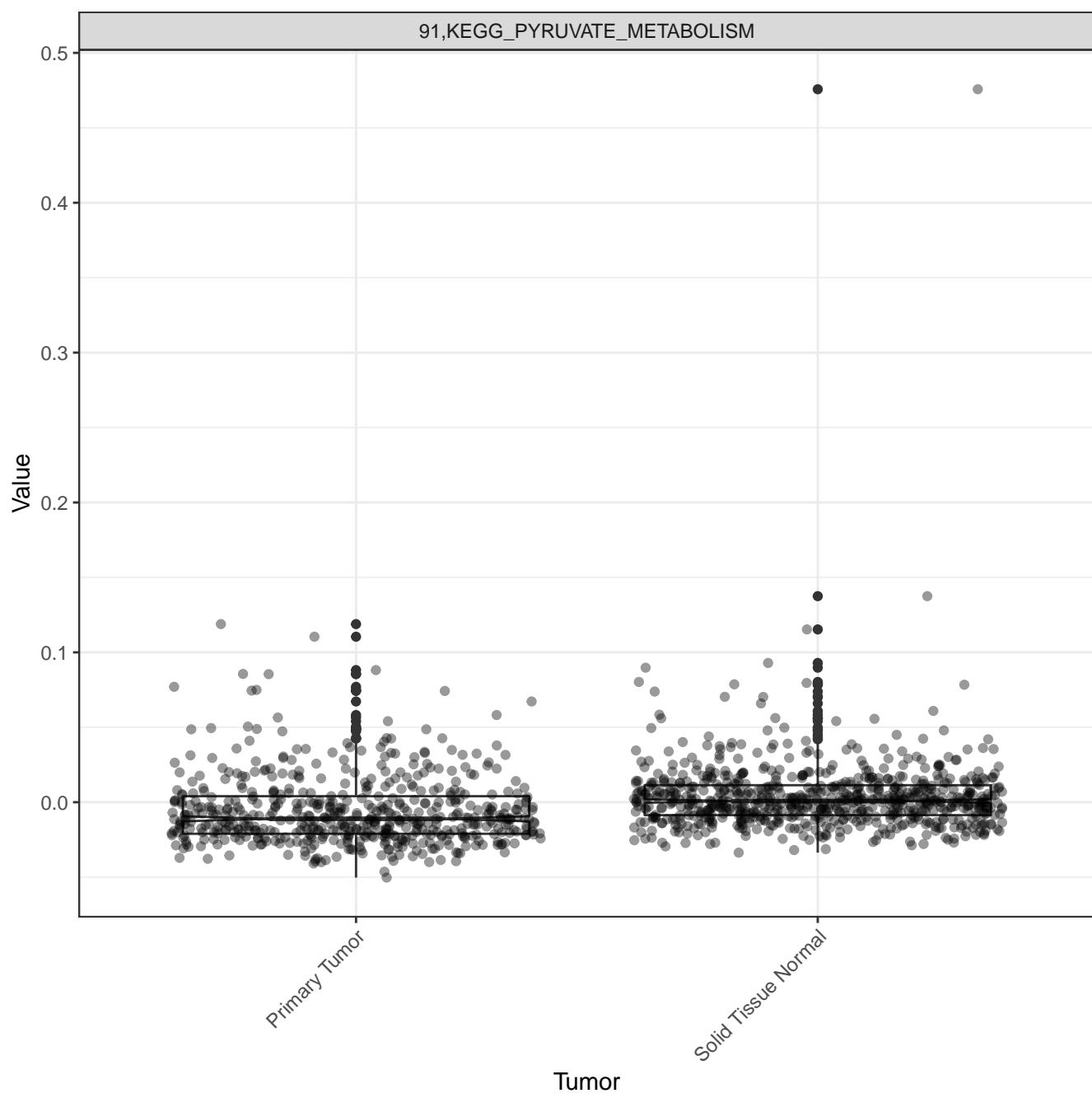
Primary Tumor

Solid Tissue Normal

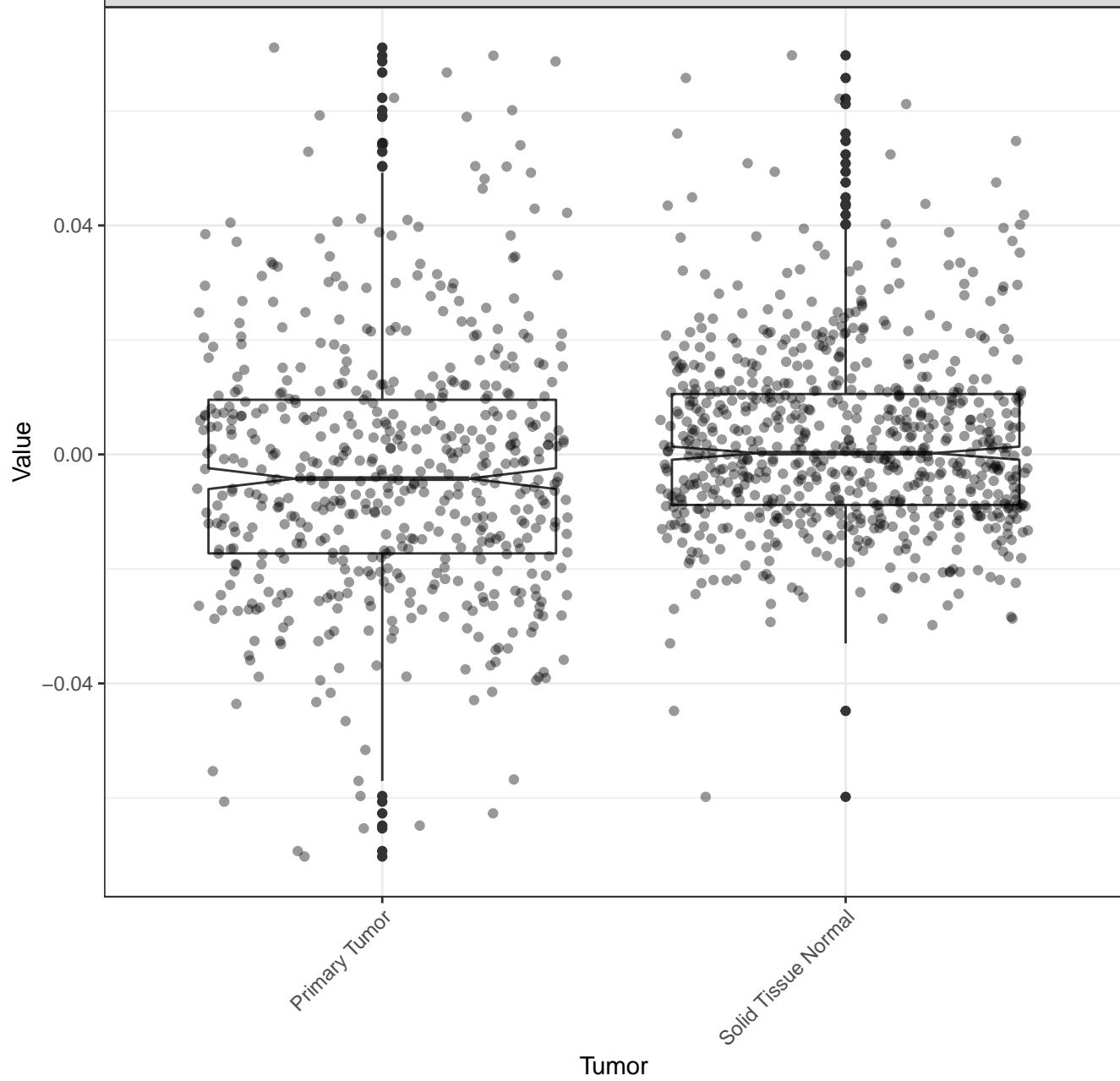
Tumor



# 91,KEGG\_PYRUVATE\_METABOLISM



## 92,REACTOME\_METABOLISM\_OF\_PROTEINS



## 93,REACTOME\_SRP\_DEPENDENT\_COTRANSLATIONAL\_PROTEIN\_TARGETING\_TO\_MEMBRANE

Value

0.2

0.1

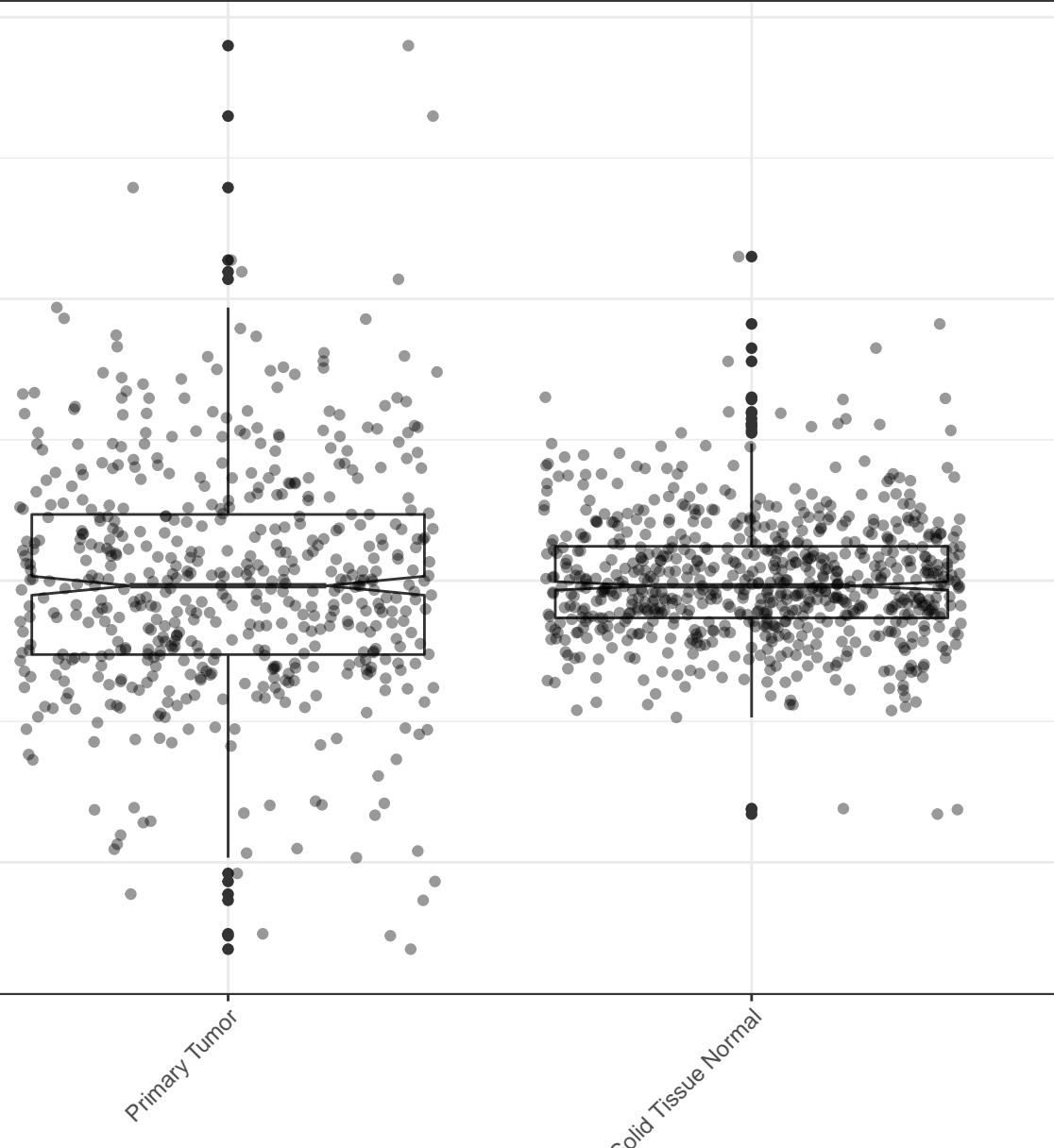
0.0

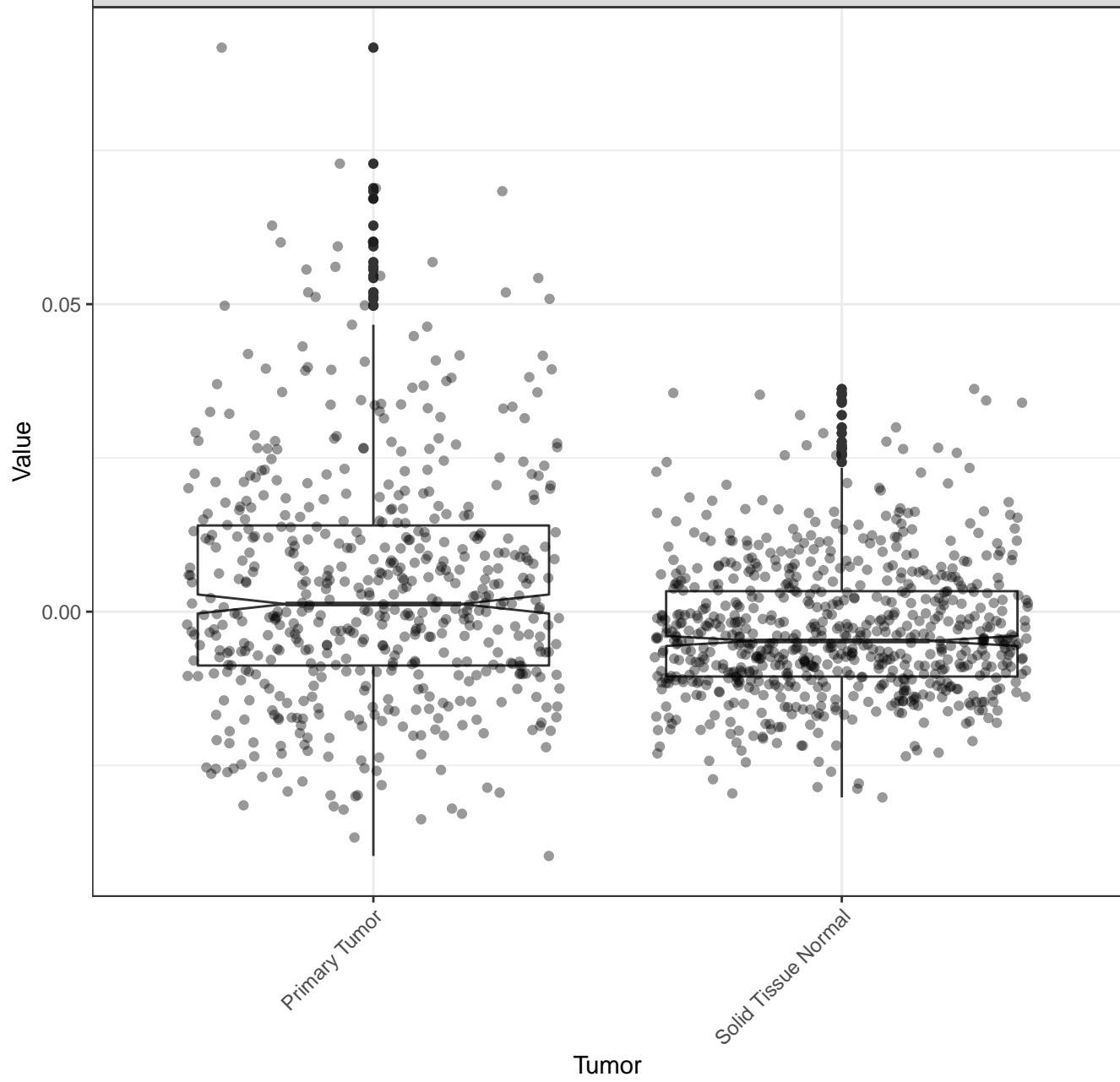
-0.1

Primary Tumor

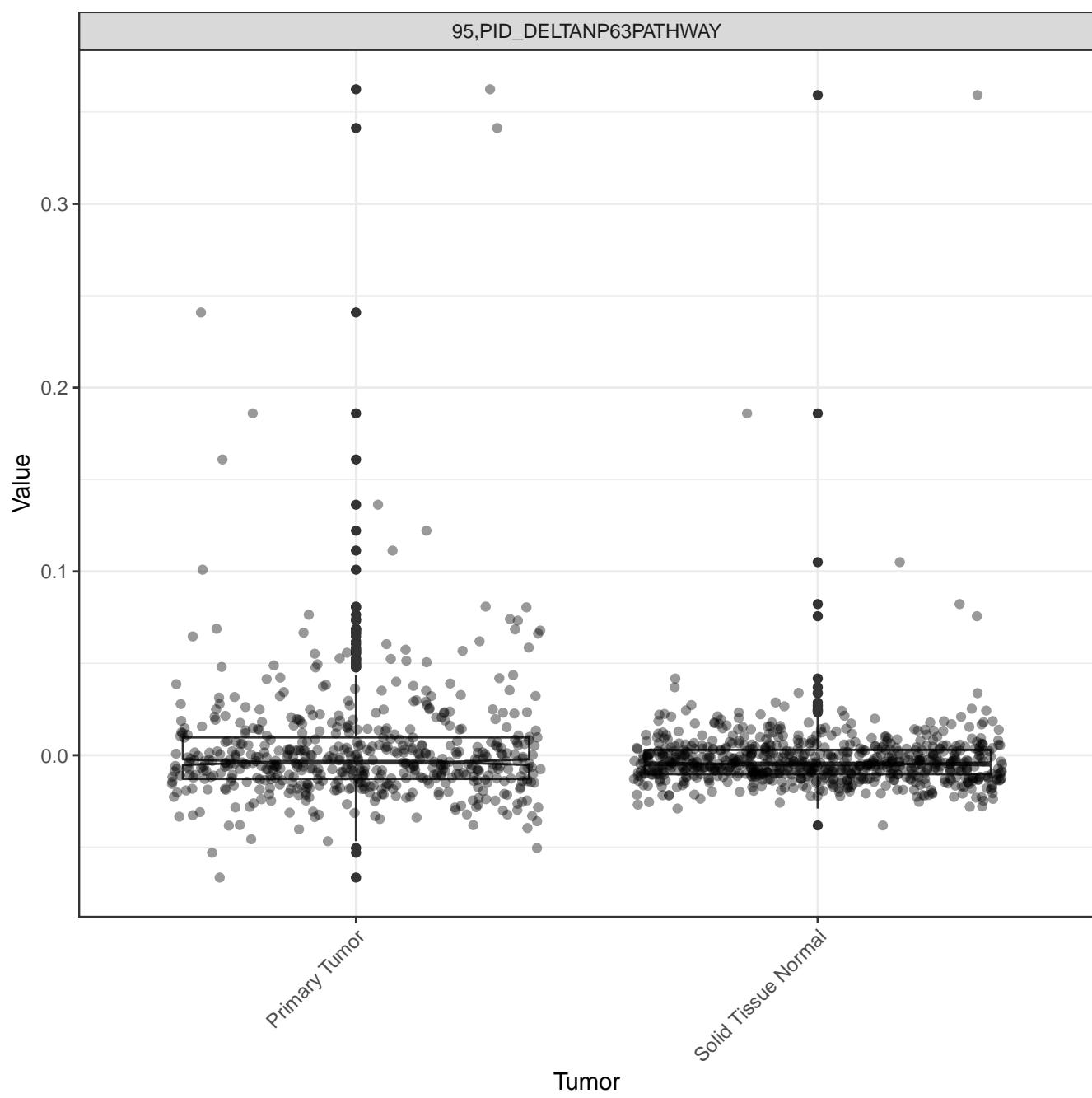
Tumor

Solid Tissue Normal





## 95,PID\_DELTA\_NP63\_PATHWAY



96,REACTOME\_CELL\_DEATH\_SIGNALLING\_VIA\_NRAGE\_NRIF\_AND\_NADE

Value

0.10

0.05

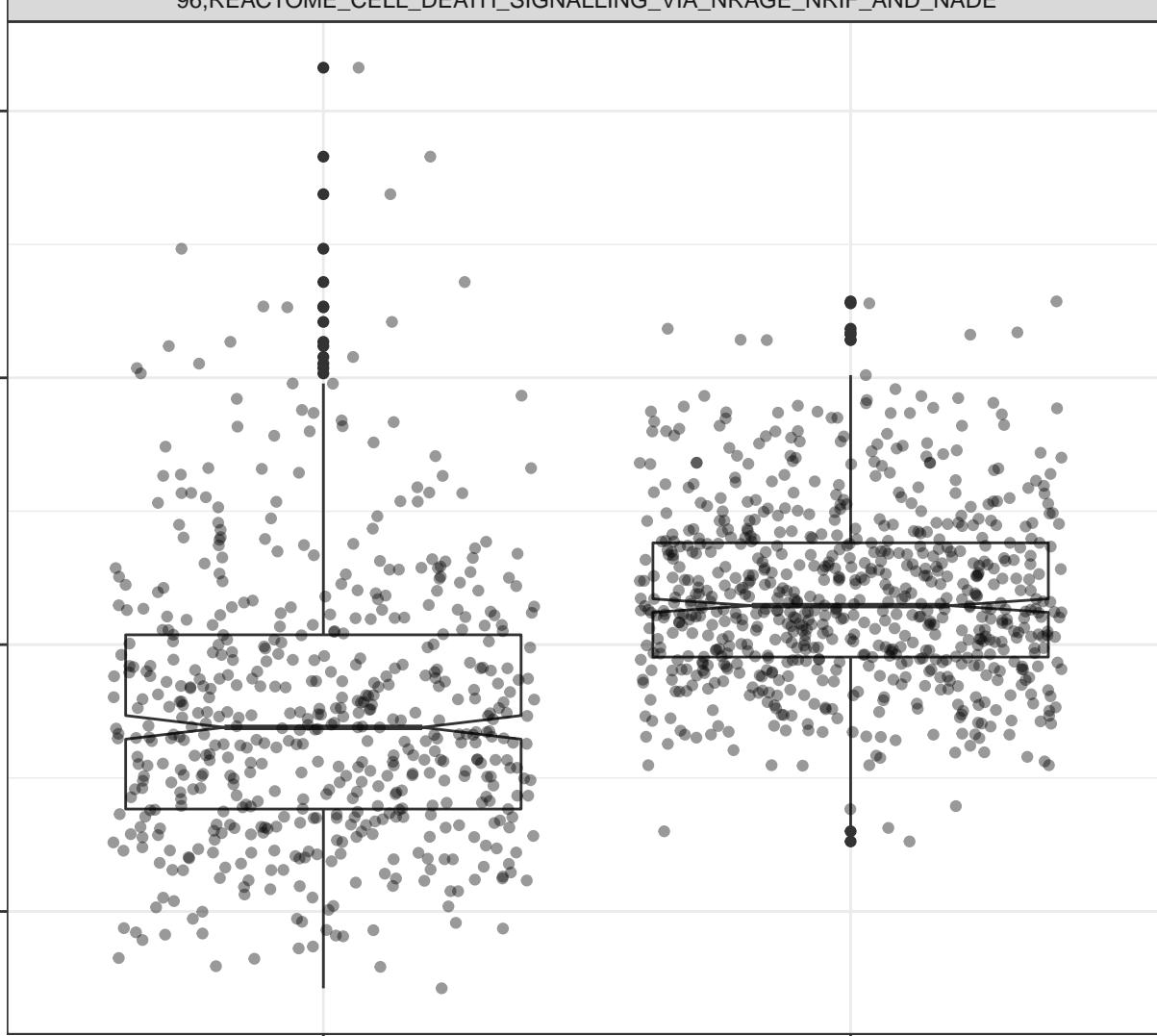
0.00

-0.05

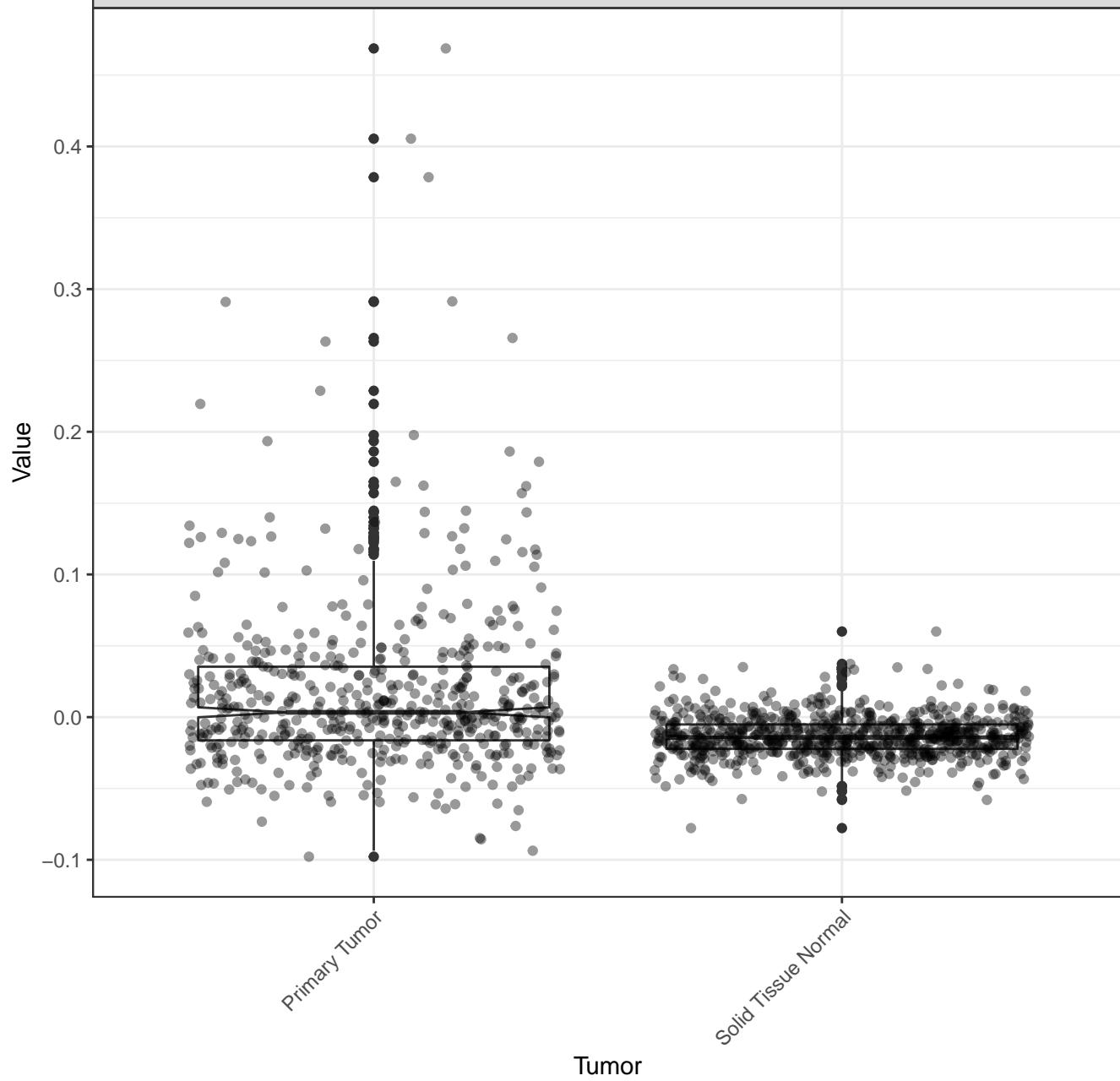
Primary Tumor

Solid Tissue Normal

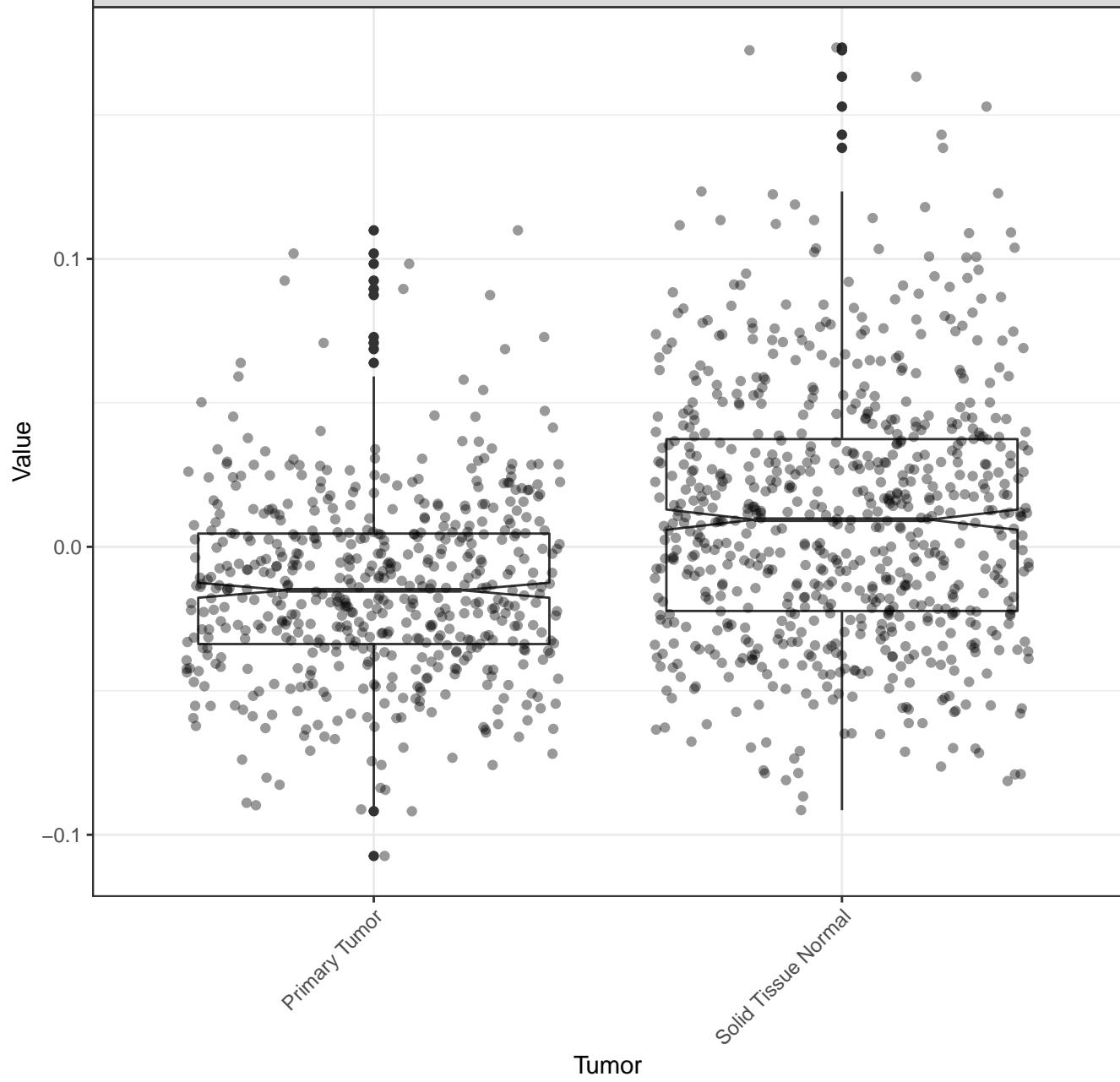
Tumor



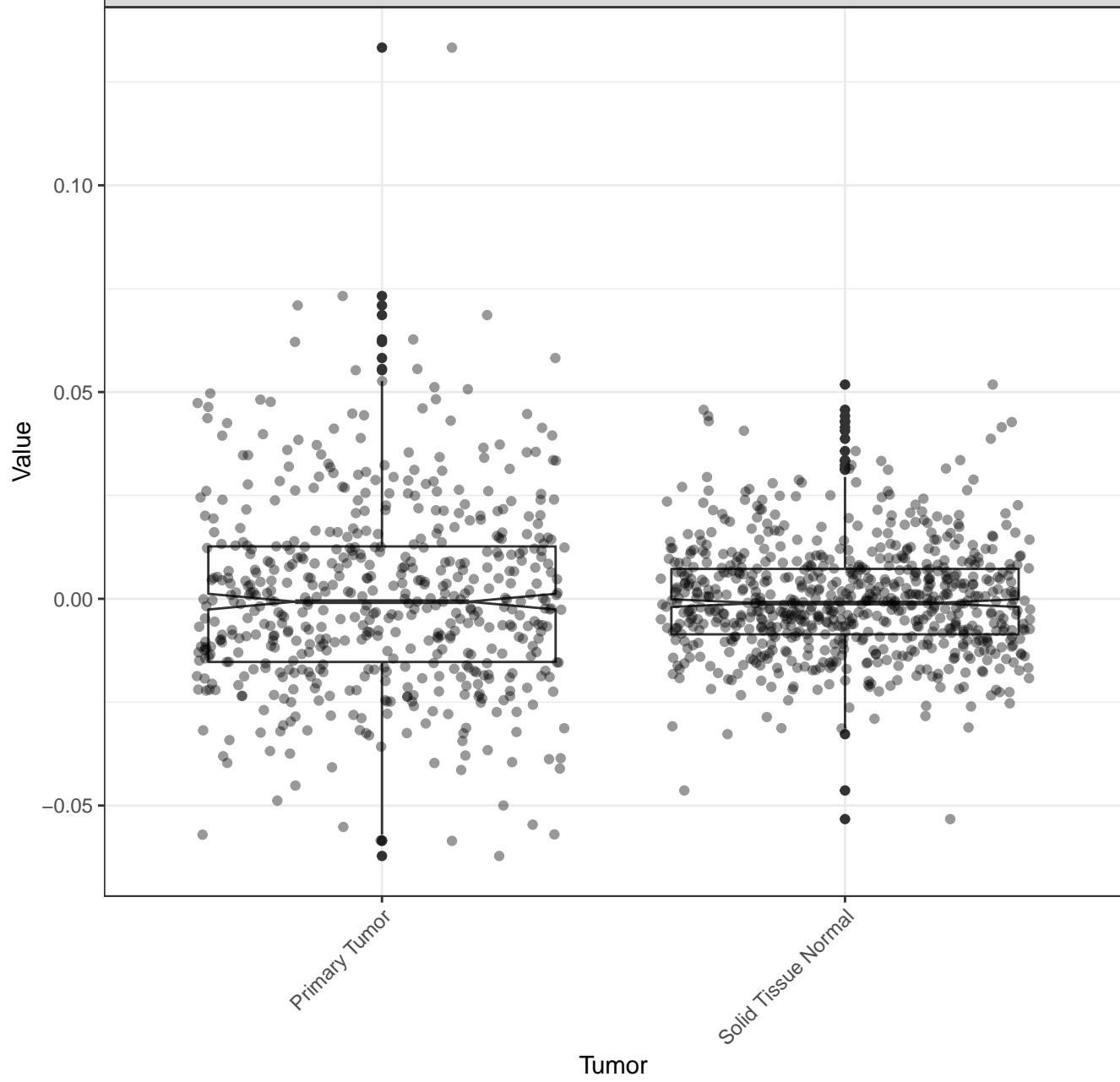
## 97,PID\_DELTA\_NP63PATHWAY



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



## 99,DMAP\_ERY3



LV 100

Value

0.10

0.05

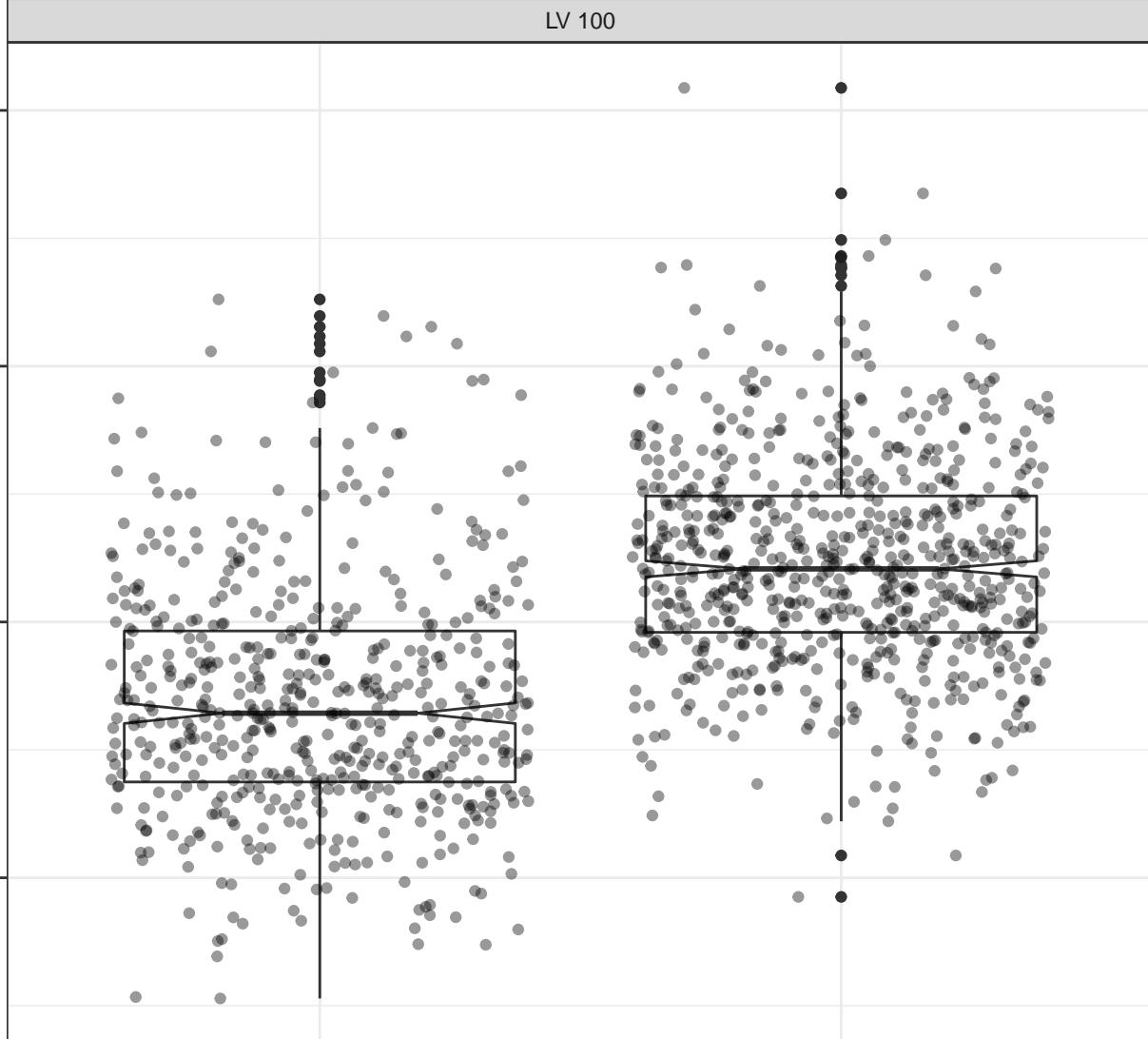
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



## 101,IRIS\_Neutrophil–Resting

Value

0.4

0.3

0.2

0.1

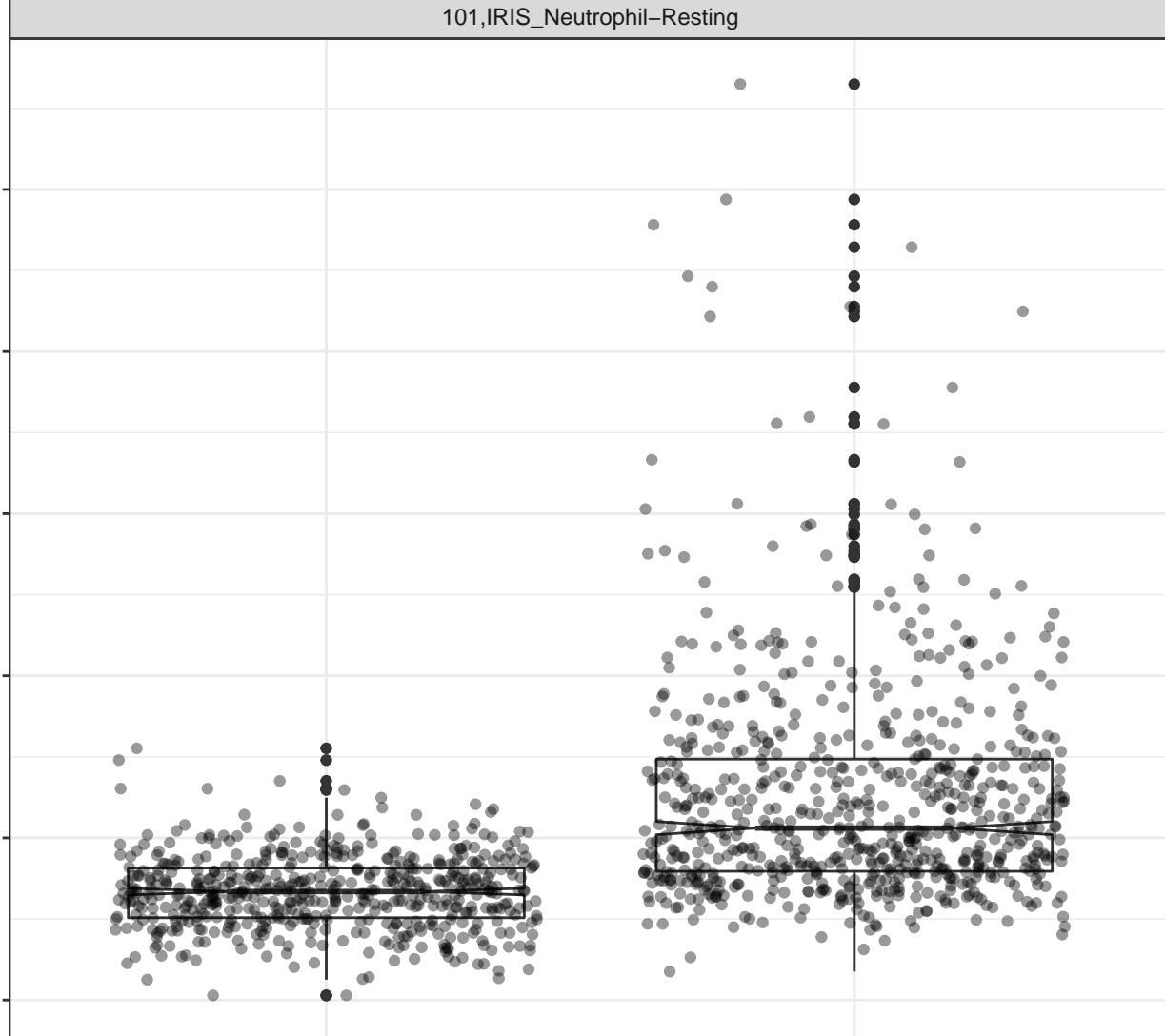
0.0

-0.1

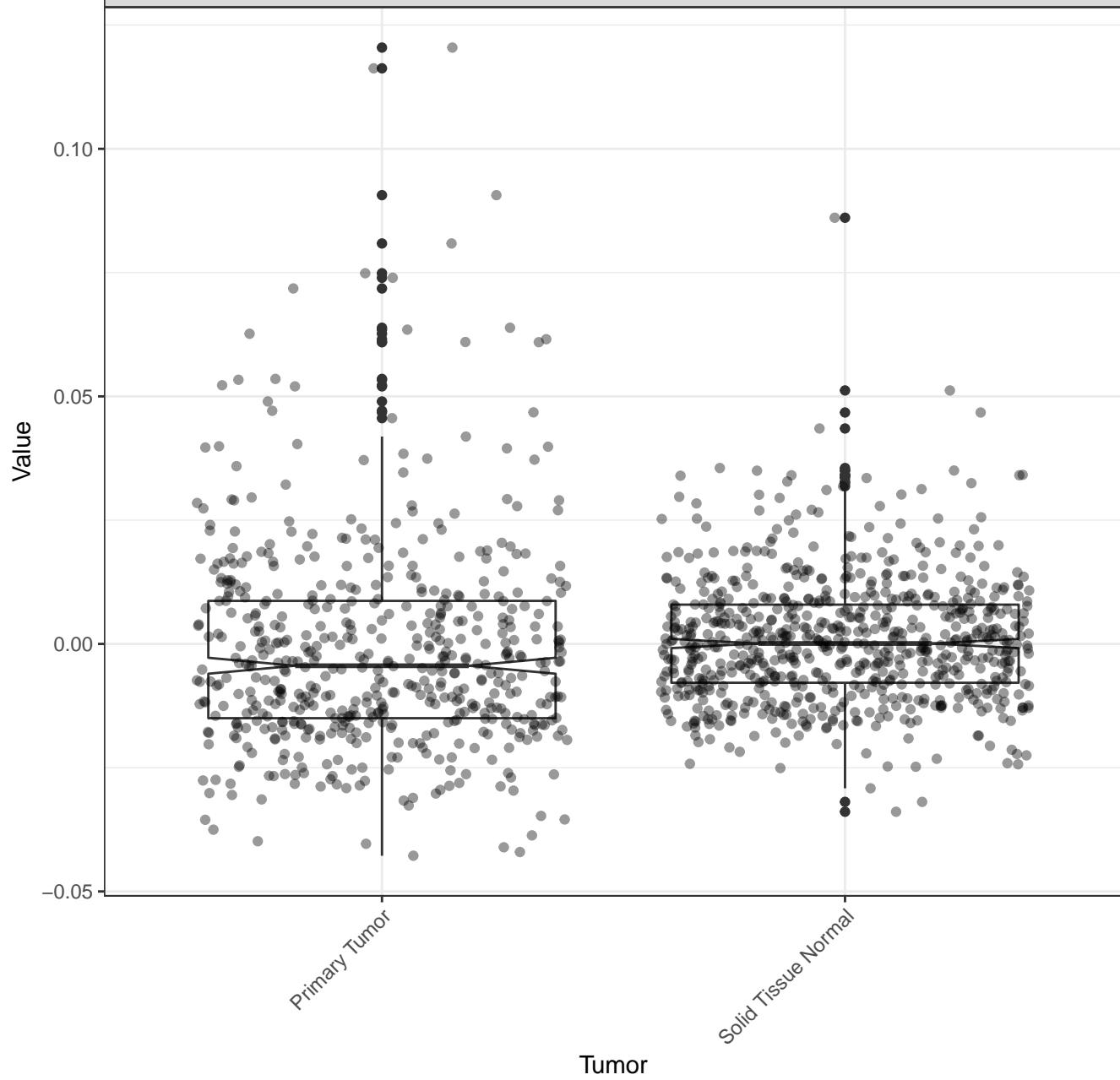
Primary Tumor

Solid Tissue Normal

Tumor



# 102,REACTOME\_METABOLISM\_OF\_CARBOHYDRATES



### 103,REACTOME\_GENERIC\_TRANSSCRIPTION\_PATHWAY

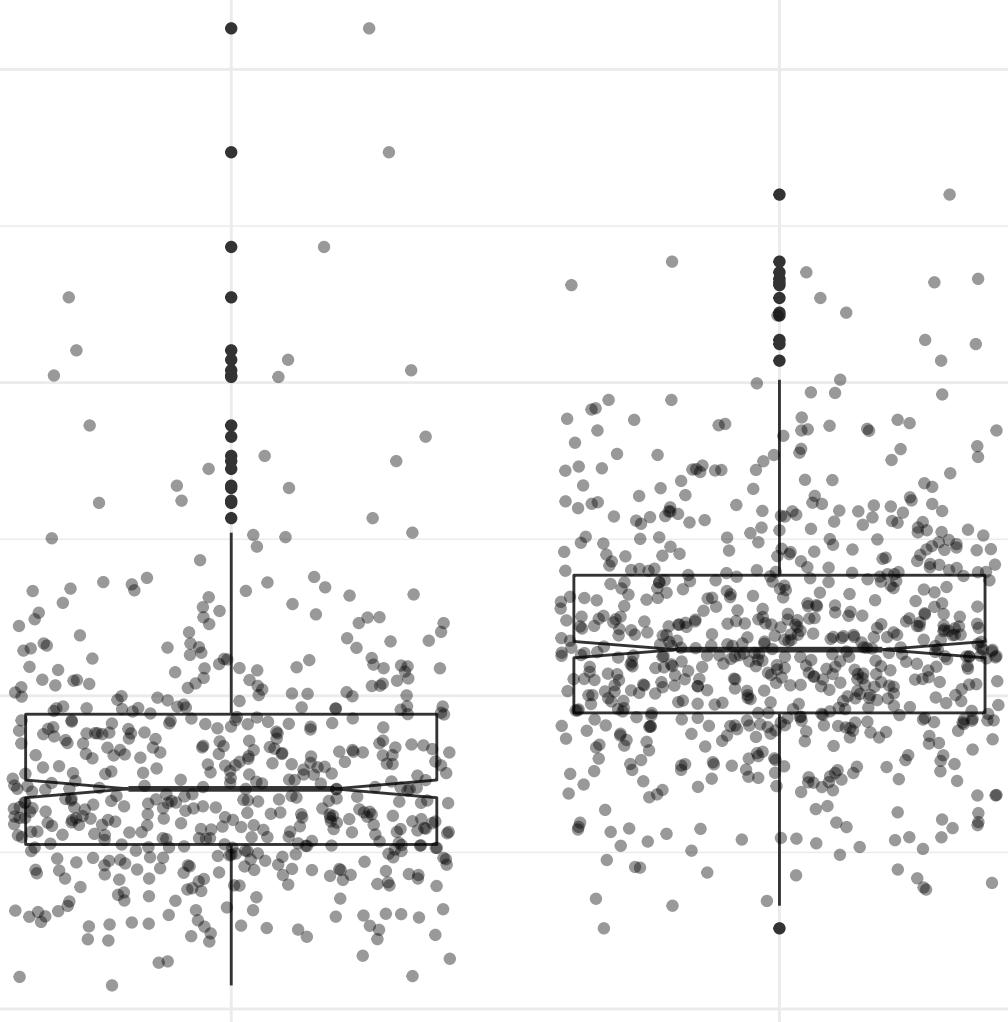
Value

0.10  
0.05  
0.00  
-0.05

Primary Tumor

Solid Tissue Normal

Tumor



# 104,SVM Mast cells resting

Value

0.3

0.2

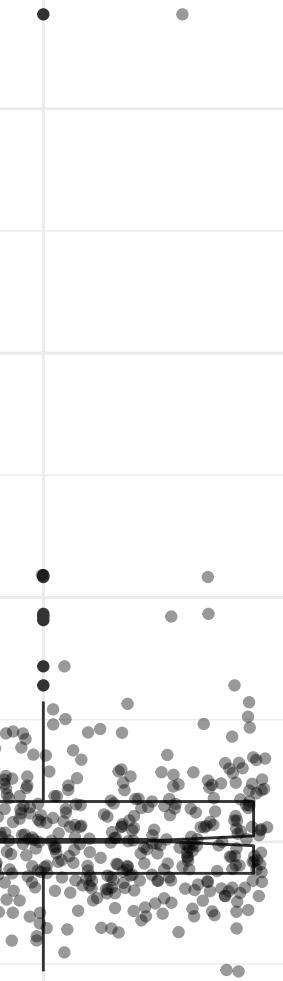
0.1

0.0

Primary Tumor

Solid Tissue Normal

Tumor



# 105,PID\_ECADHERIN\_STABILIZATION\_PATHWAY

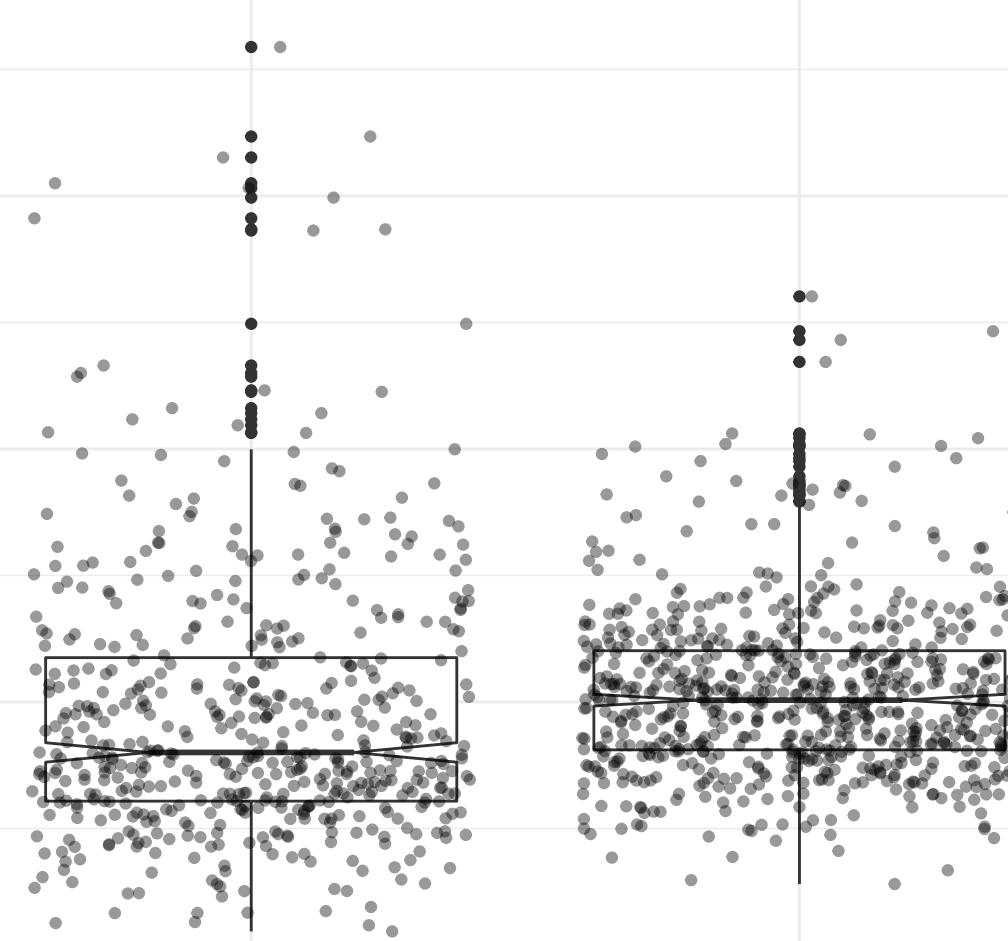
Value

0.12  
0.08  
0.04  
0.00  
-0.04

Primary Tumor

Solid Tissue Normal

Tumor



106,REACTOME\_NCAM\_SIGNALING\_FOR\_NEURITE\_OUT\_GROWTH

Value

0.10

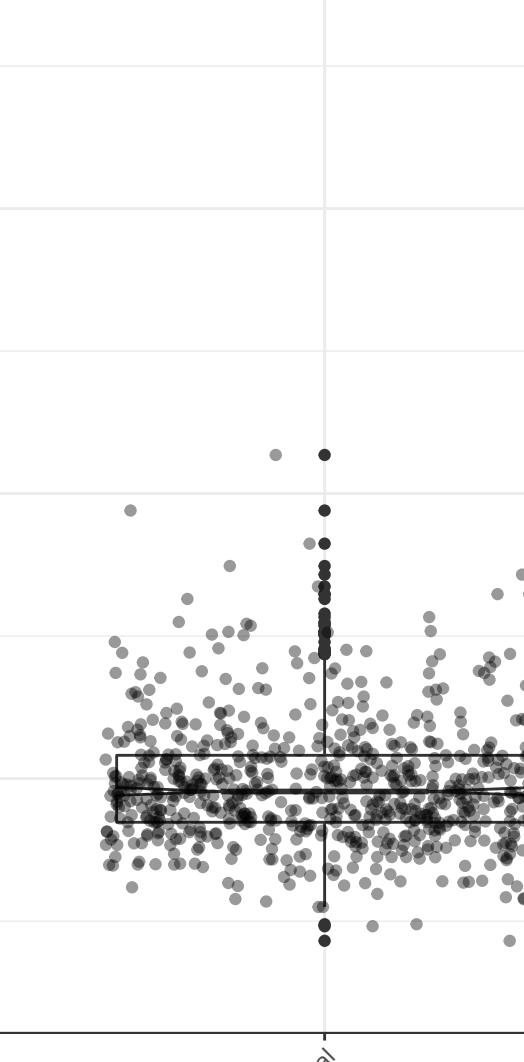
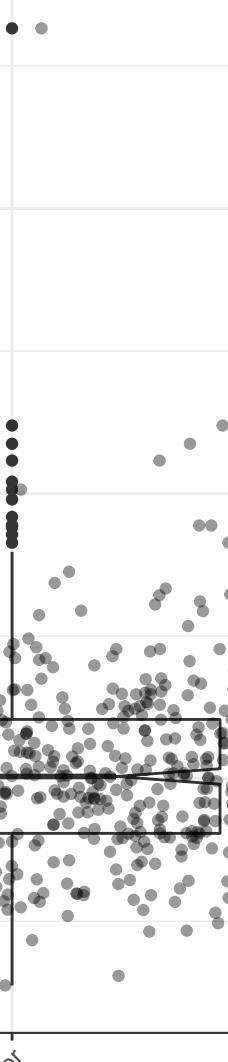
0.05

0.00

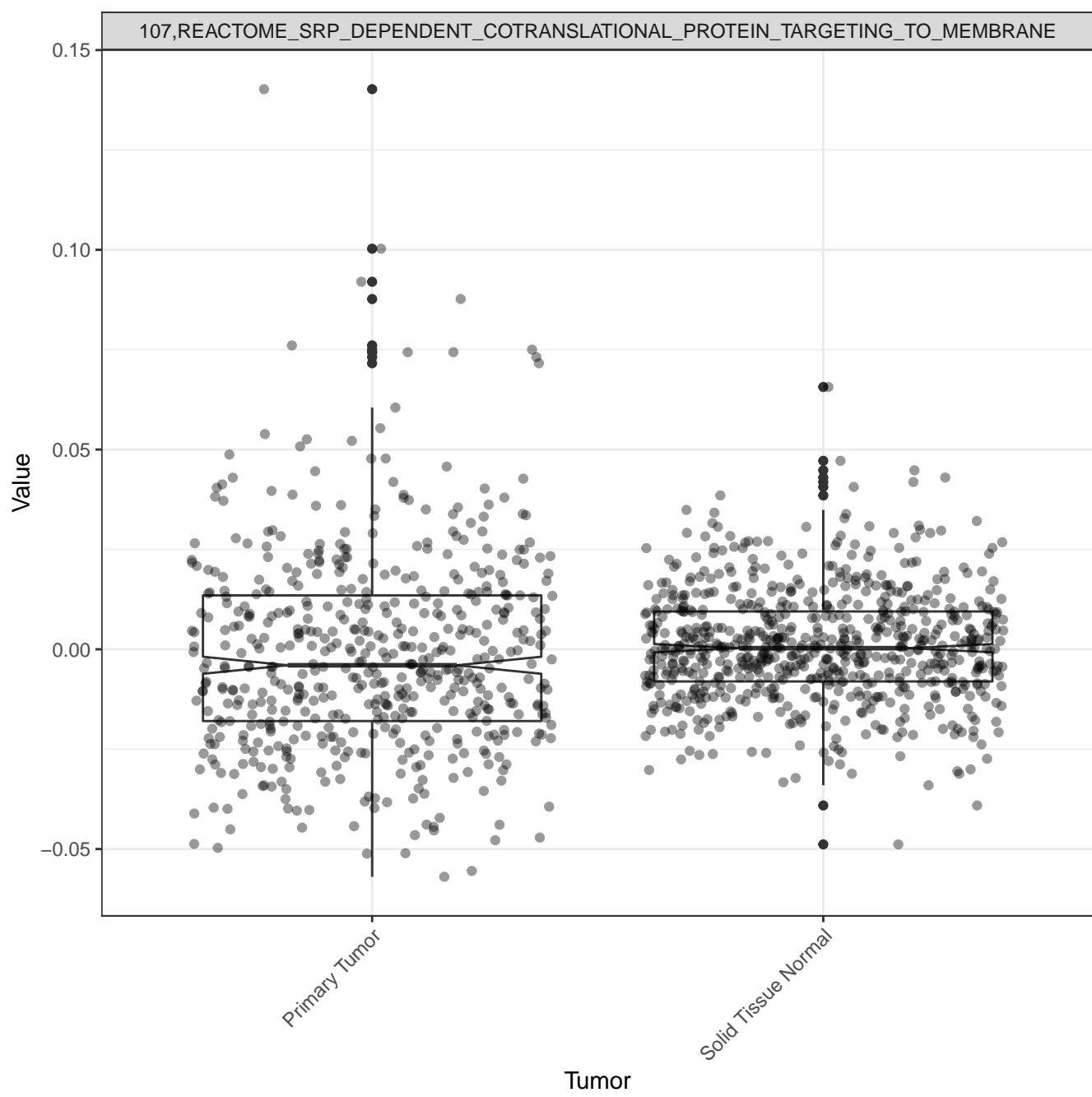
Primary Tumor

Solid Tissue Normal

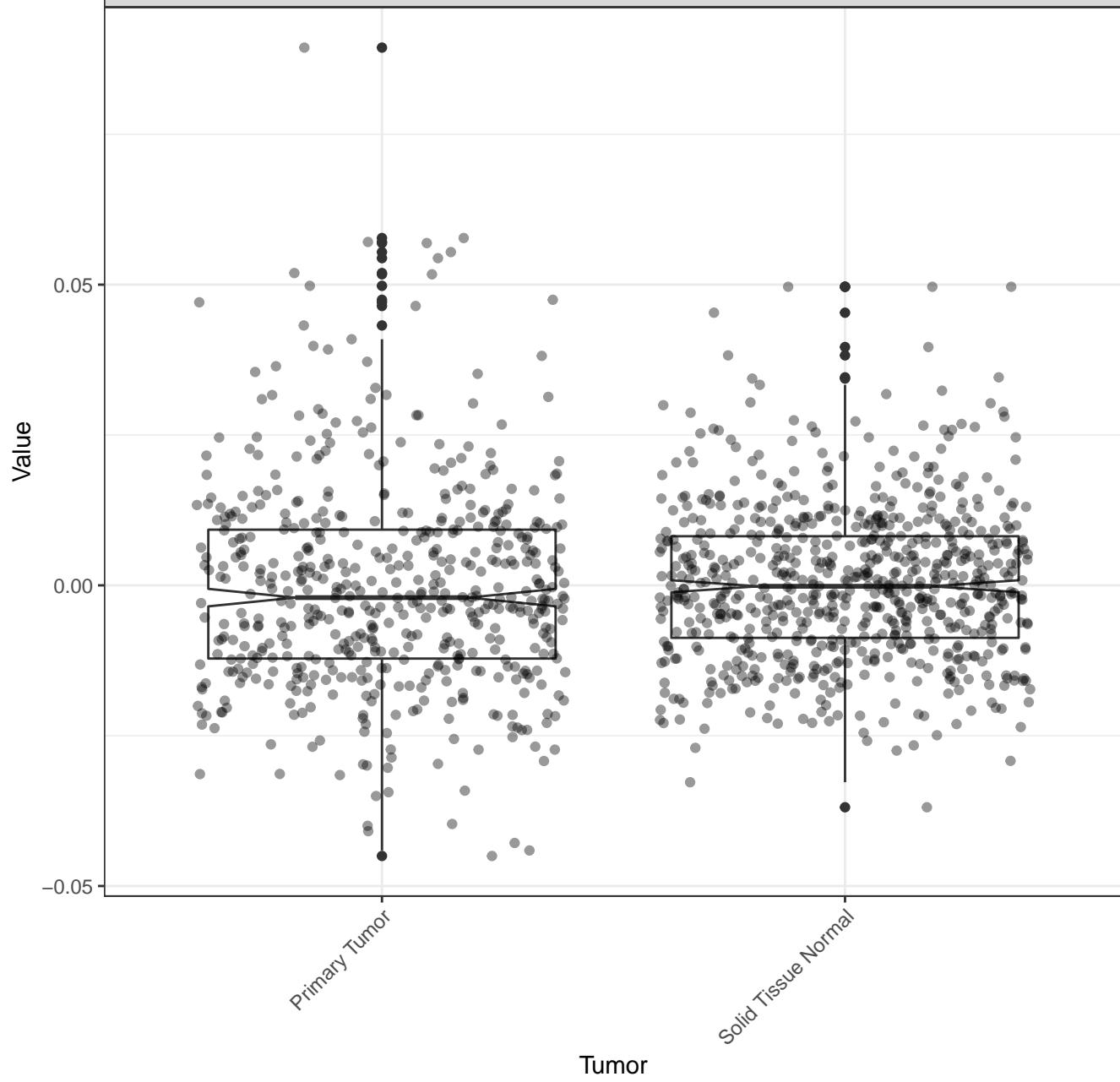
Tumor



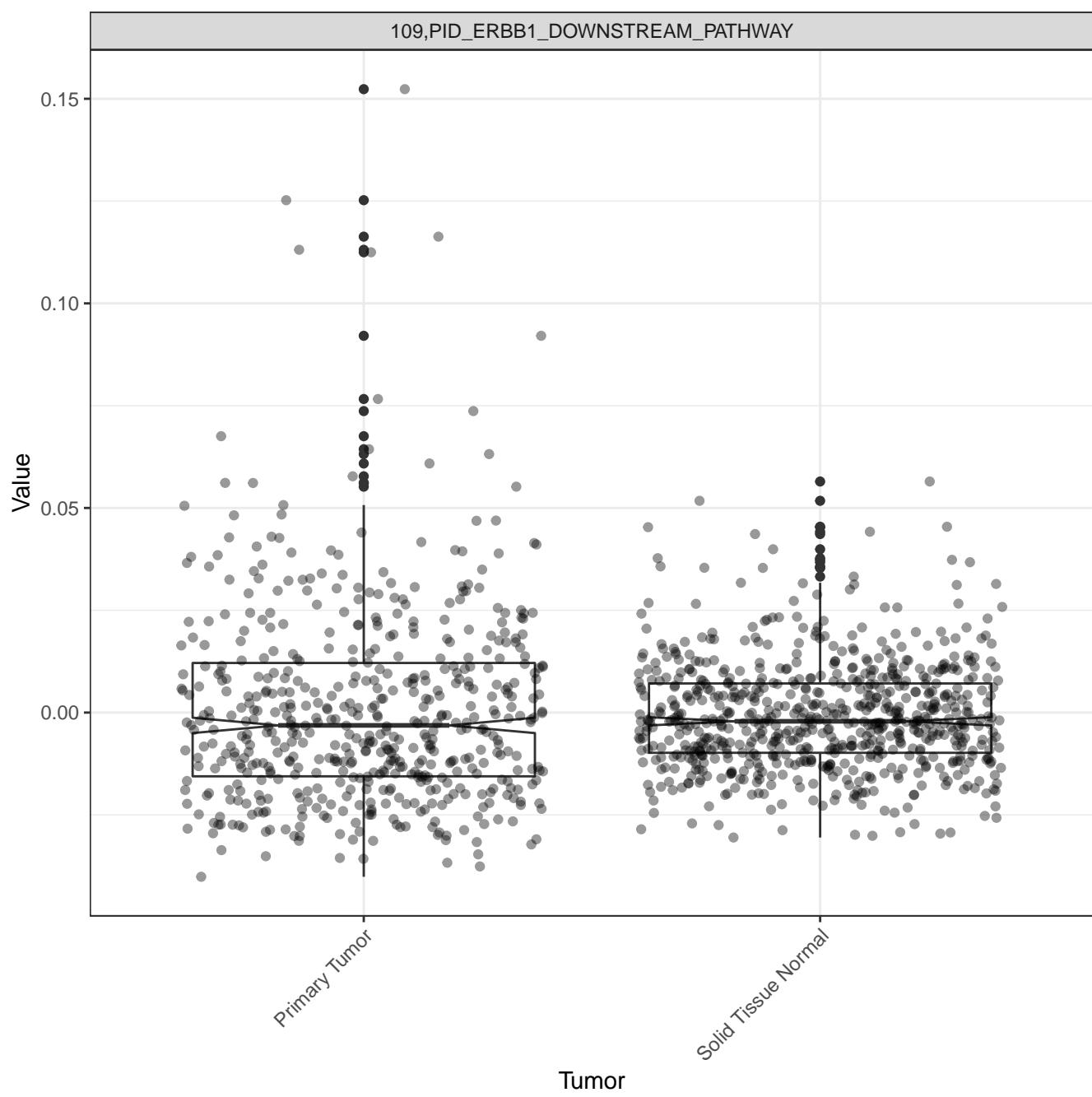
## 107,REACTOME\_SR\_P\_DEPENDENT\_COTRANSLATIONAL\_PROTEIN\_TARGETING\_TO\_MEMBRANE



## 108,REACTOME\_MRNA\_SPLICING



# 109,PID\_ERBB1\_DOWNSTREAM\_PATHWAY



# 110,REACTOME\_PROCESSING\_OF\_CAPPED\_INTRON\_CONTAINING\_PRE\_MRNA

Value

0.10

0.05

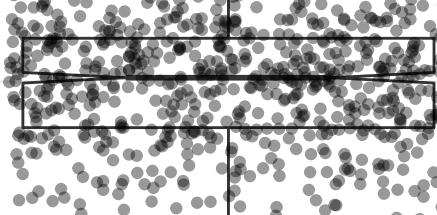
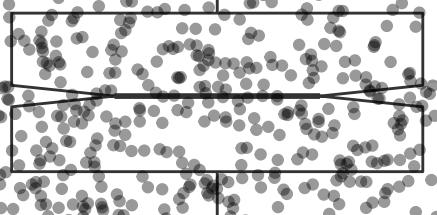
0.00

-0.05

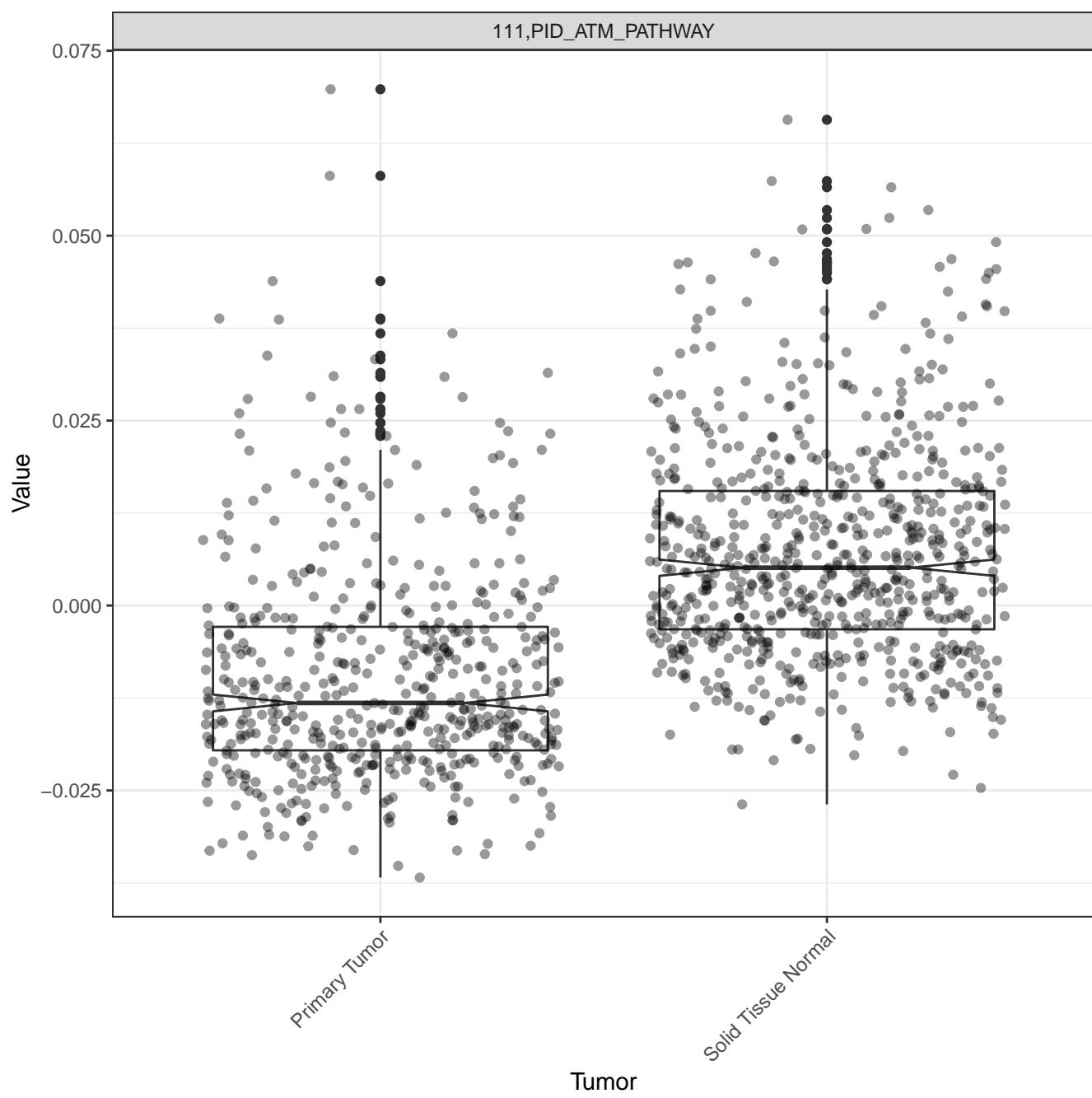
Primary Tumor

Solid Tissue Normal

Tumor



## 111,PID\_ATM\_PATHWAY



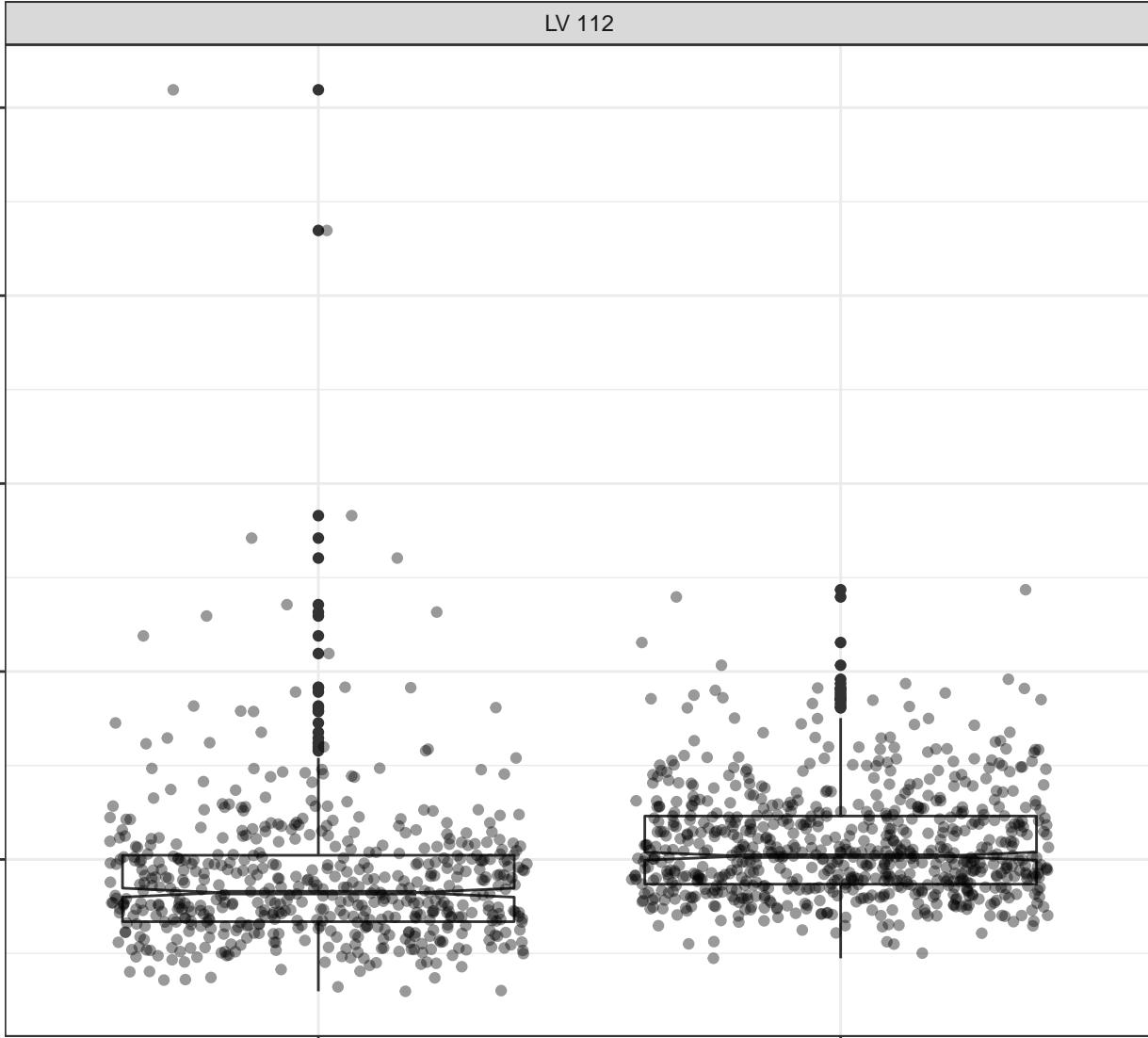
Value

0.20  
0.15  
0.10  
0.05  
0.00

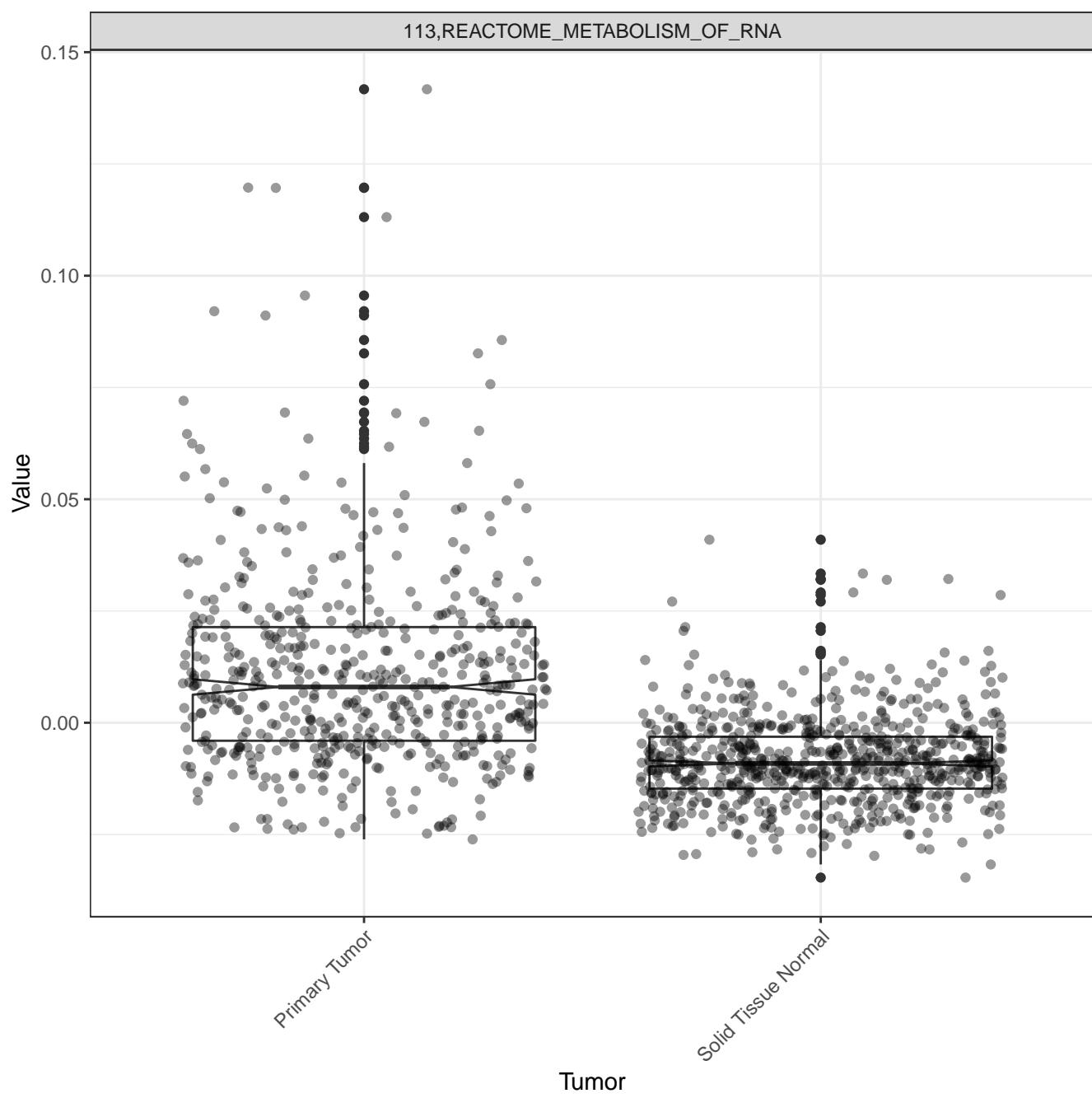
Primary Tumor

Solid Tissue Normal

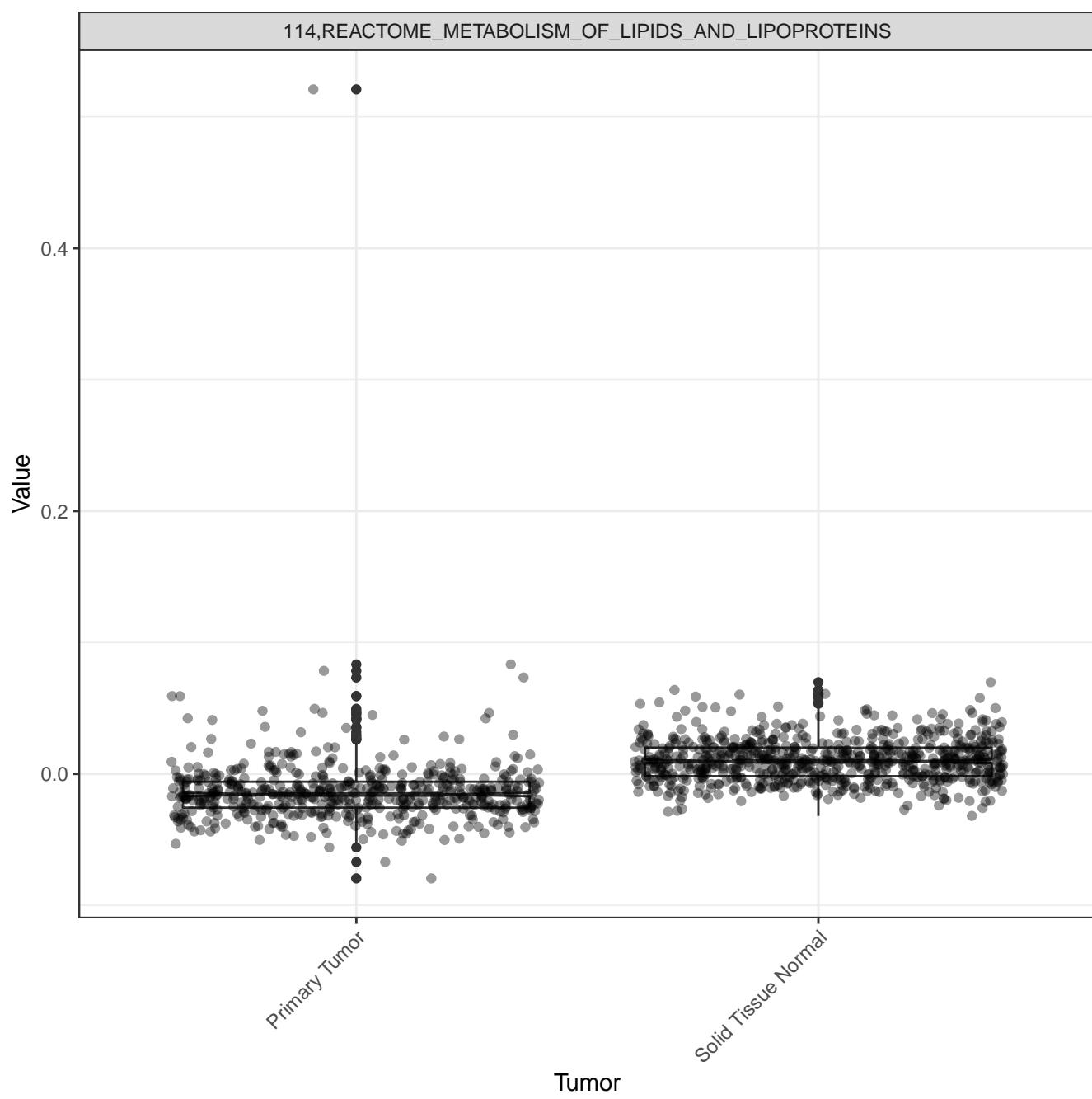
Tumor



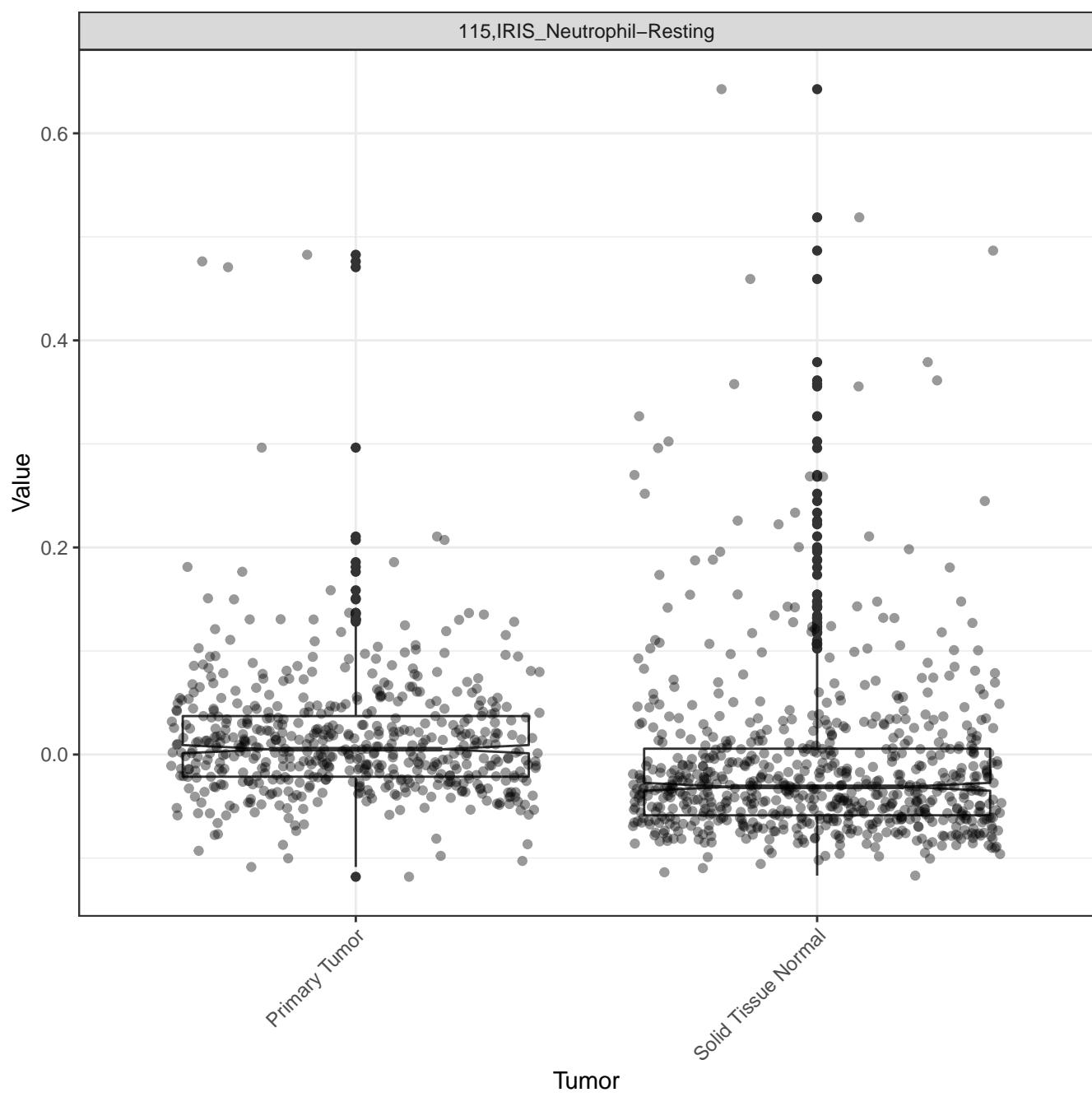
# 113,REACTOME\_METABOLISM\_OF\_RNA



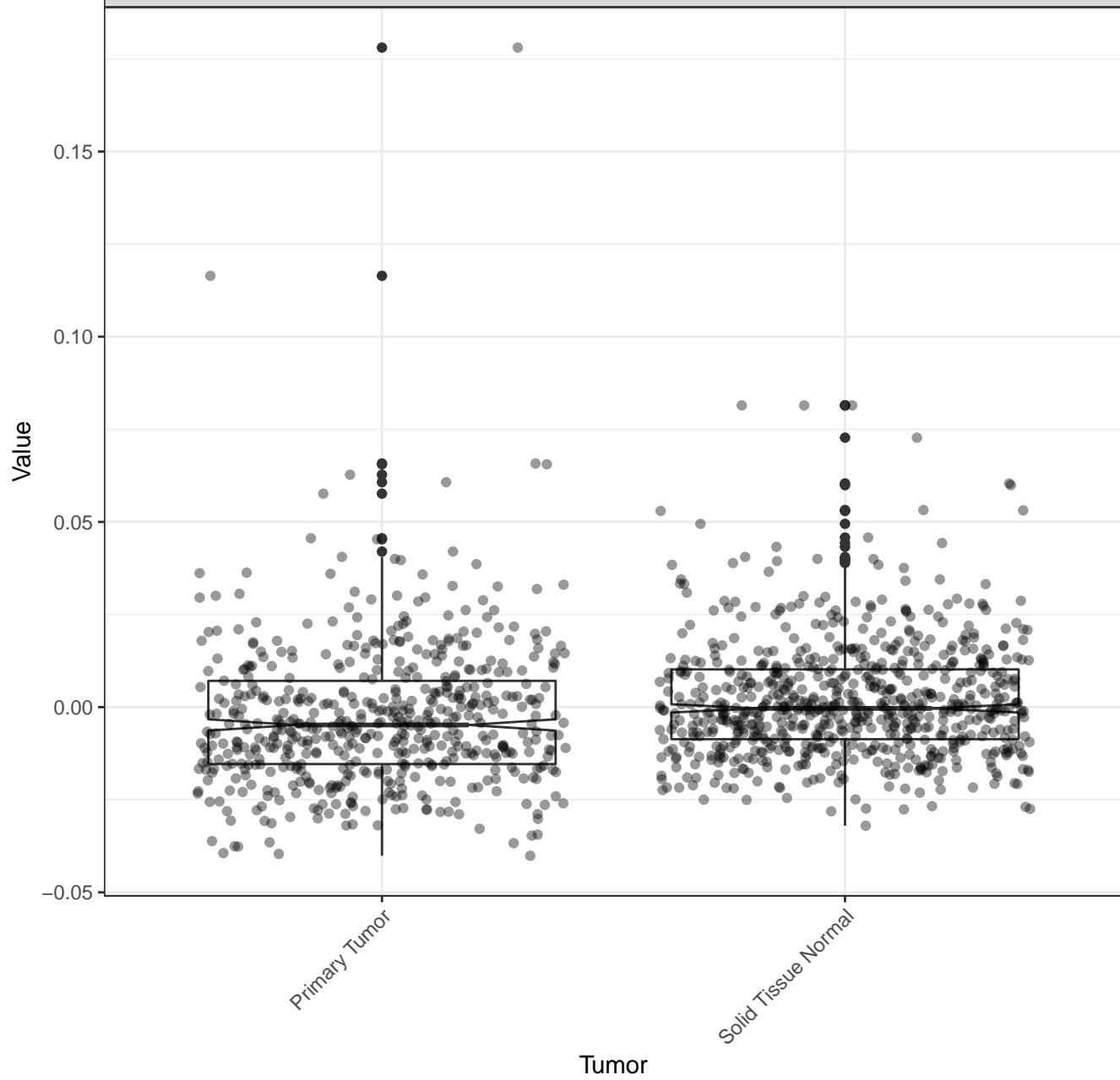
114,REACTOME\_METABOLISM\_OF\_LIPIDS\_AND\_LIPOPROTEINS



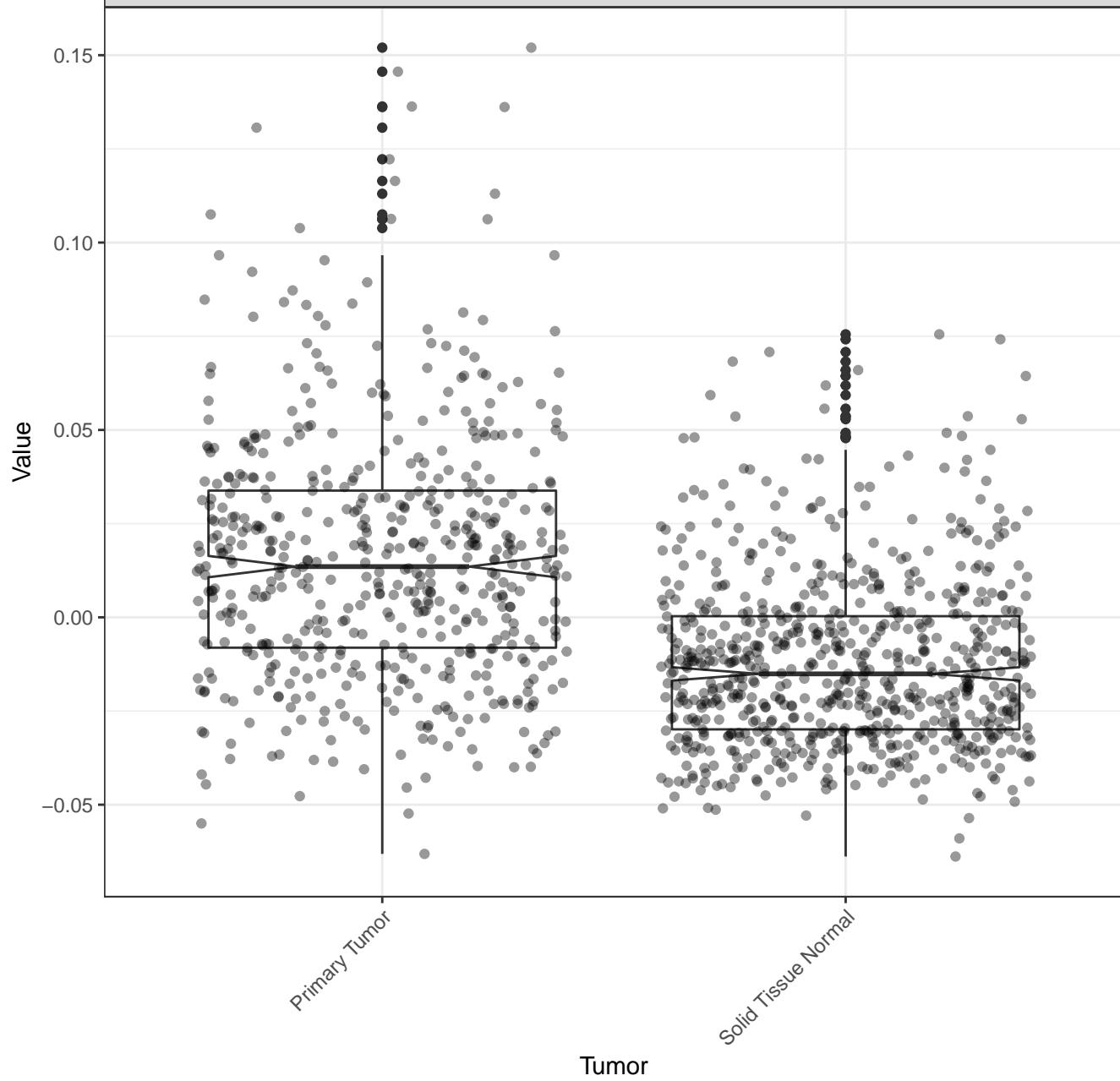
## 115,IRIS\_Neutrophil–Resting



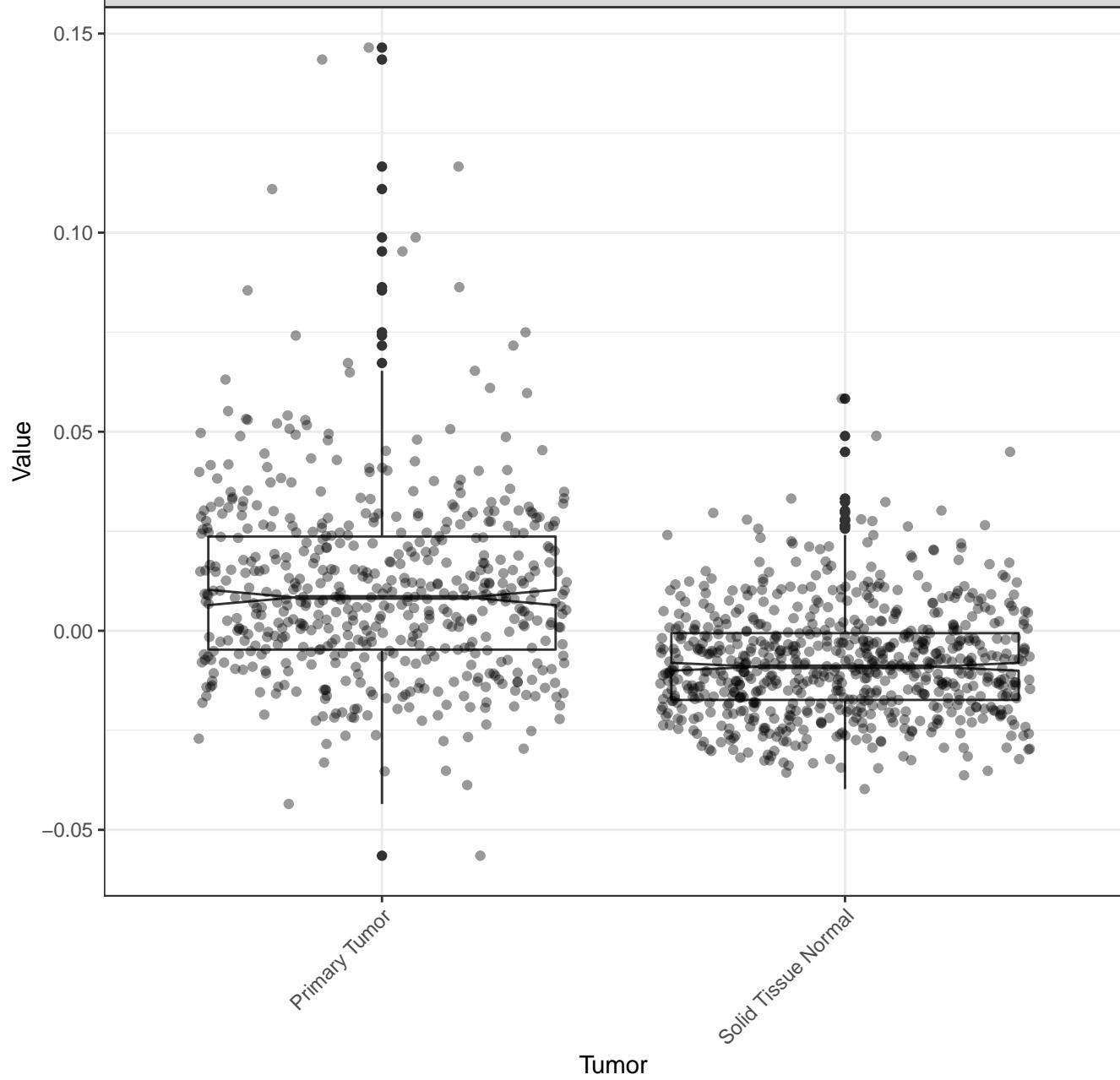
# 116,KEGG\_HEDGEHOG\_SIGNALING\_PATHWAY

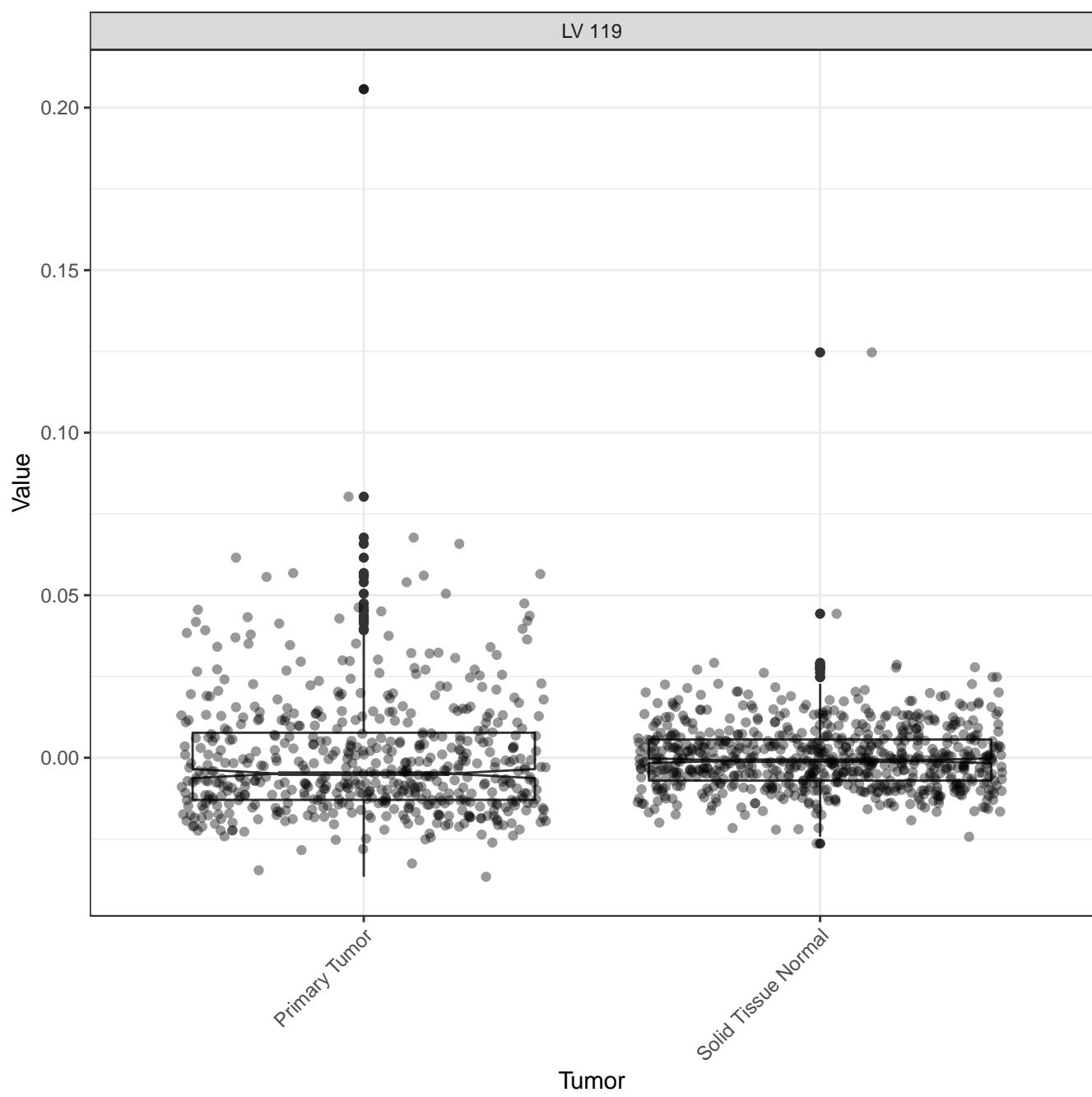


## 117,REACTOME\_MRNA\_PROCESSING

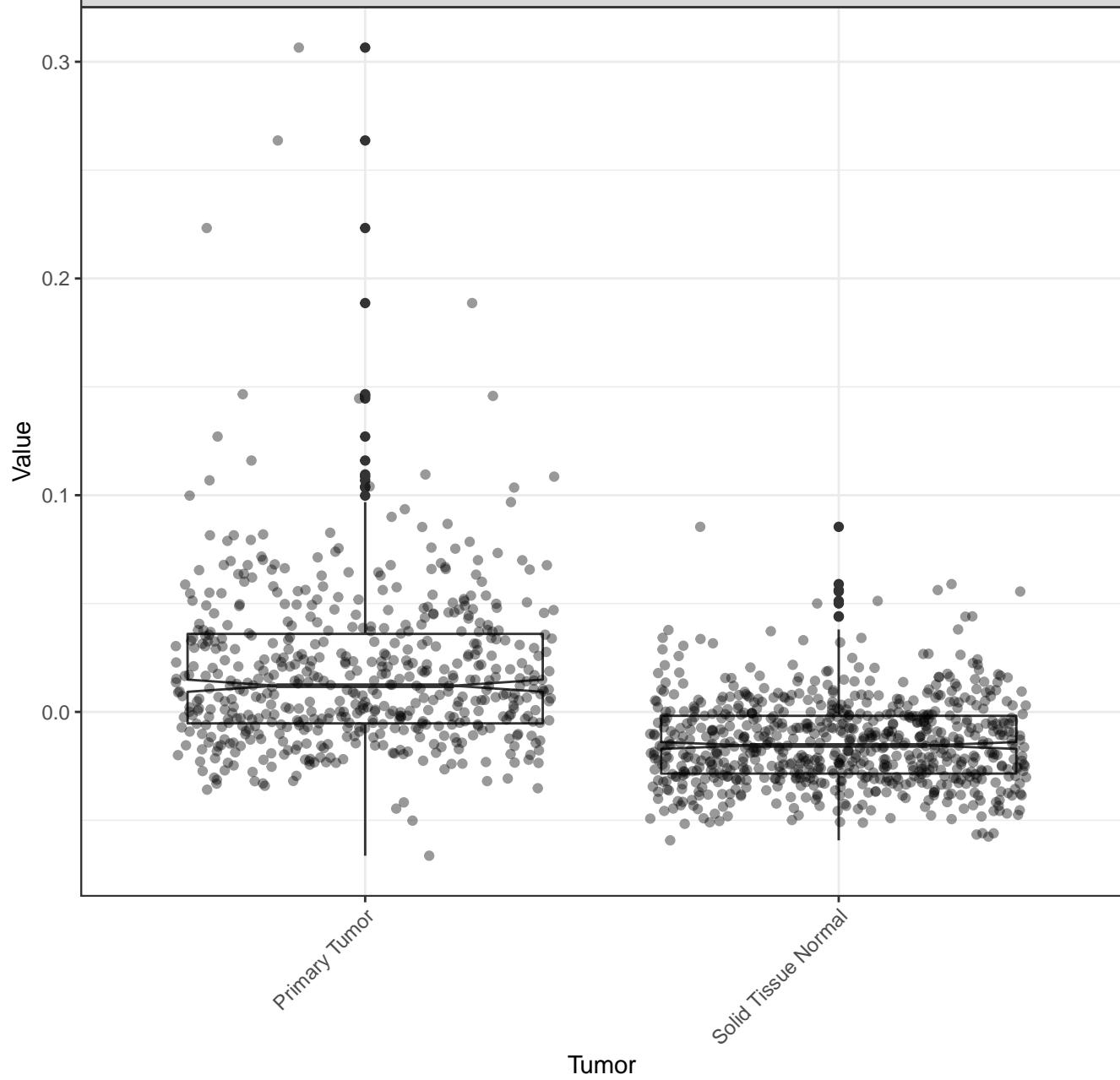


# 118,KEGG\_CELL\_CYCLE





# 120,KEGG\_PARKINSONS\_DISEASE



LV 121

Value

0.10

0.05

0.00

-0.05

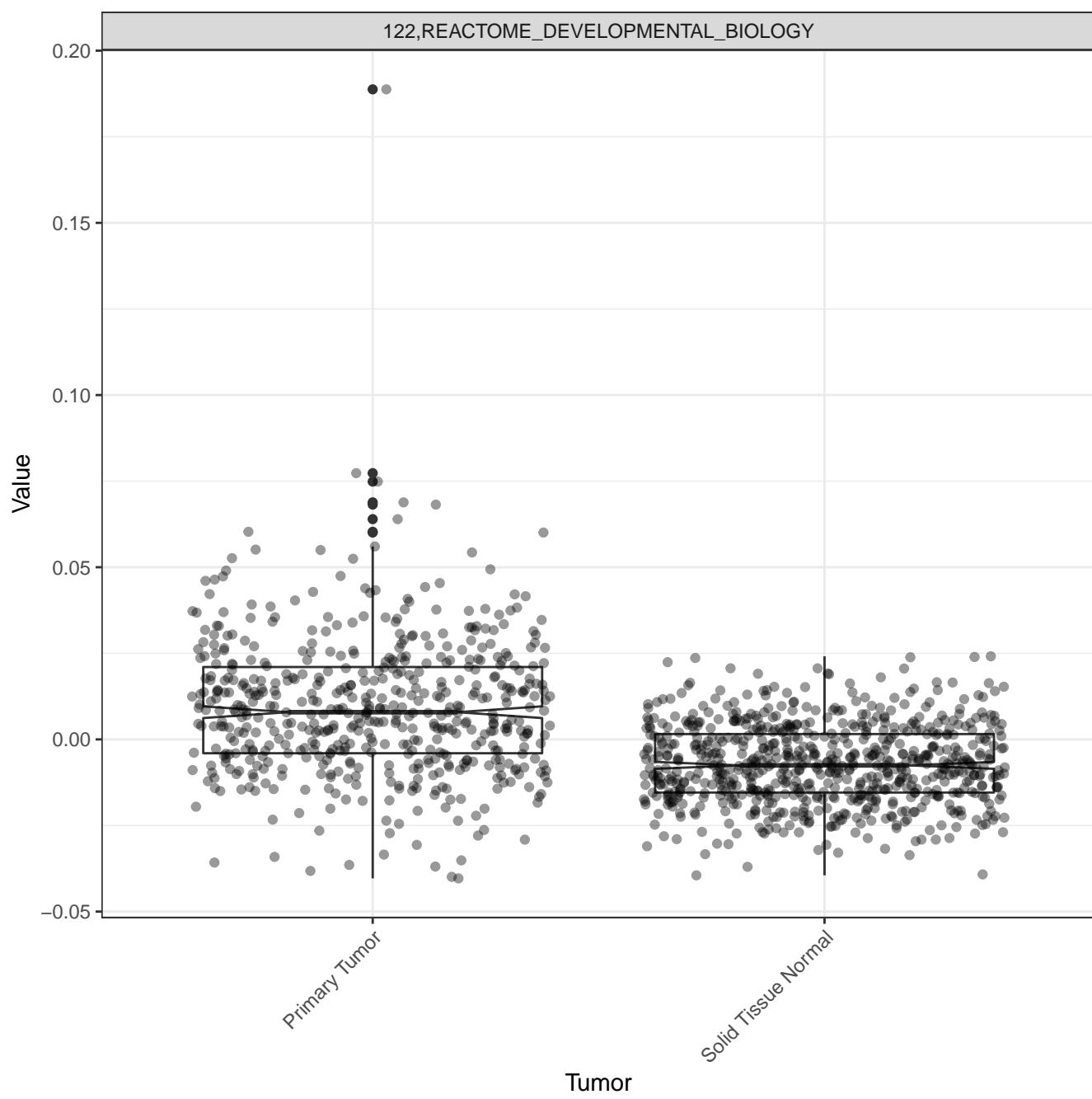
Primary Tumor

Solid Tissue Normal

Tumor



122,REACTOME DEVELOPMENTAL\_BIOLOGY



LV 123

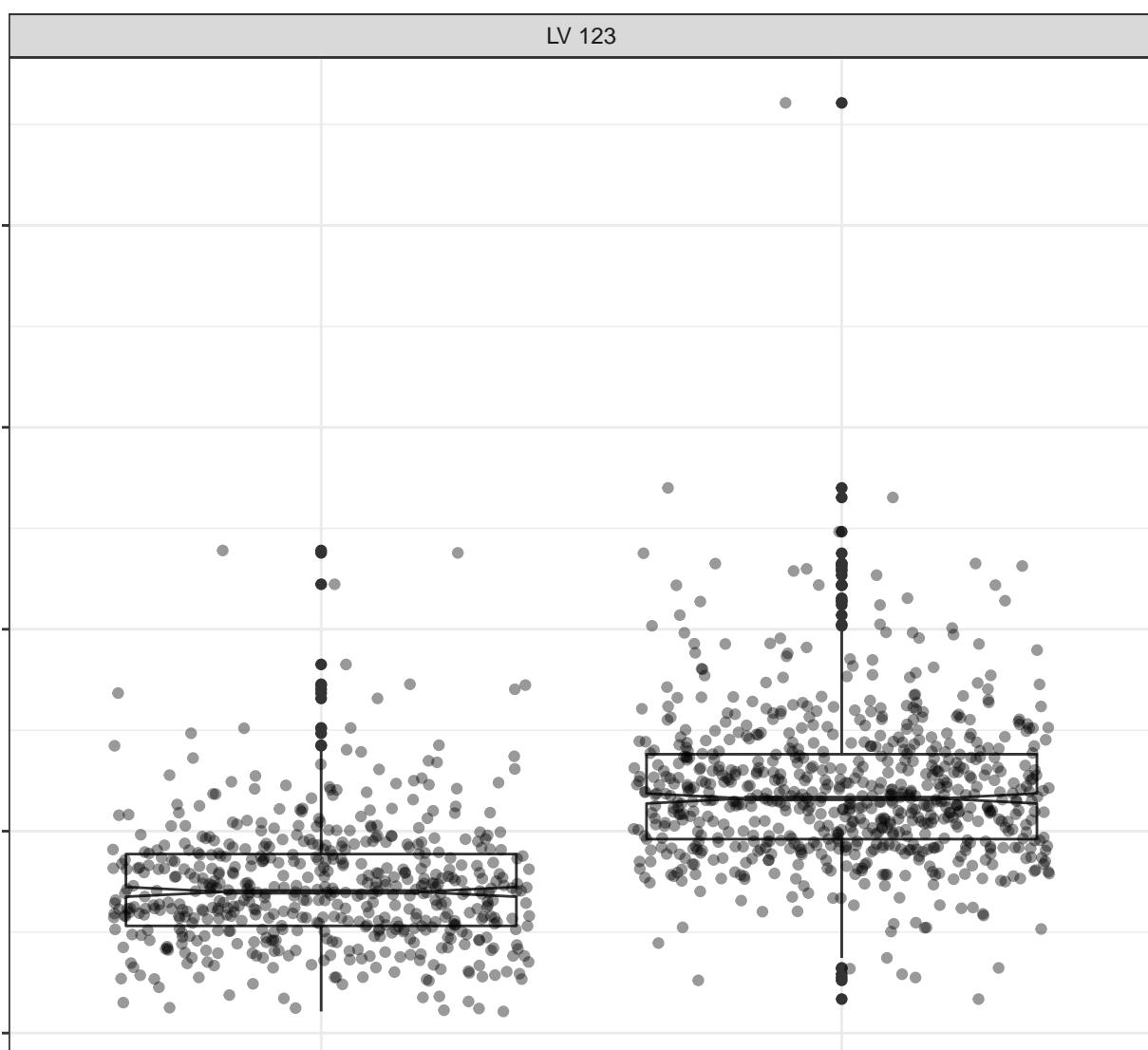
Value

0.15  
0.10  
0.05  
0.00  
-0.05

Primary Tumor

Solid Tissue Normal

Tumor



# 124,REACTOME\_DEADENYLATION\_DEPENDENT\_MRNA\_DECAY

Value

0.15

0.10

0.05

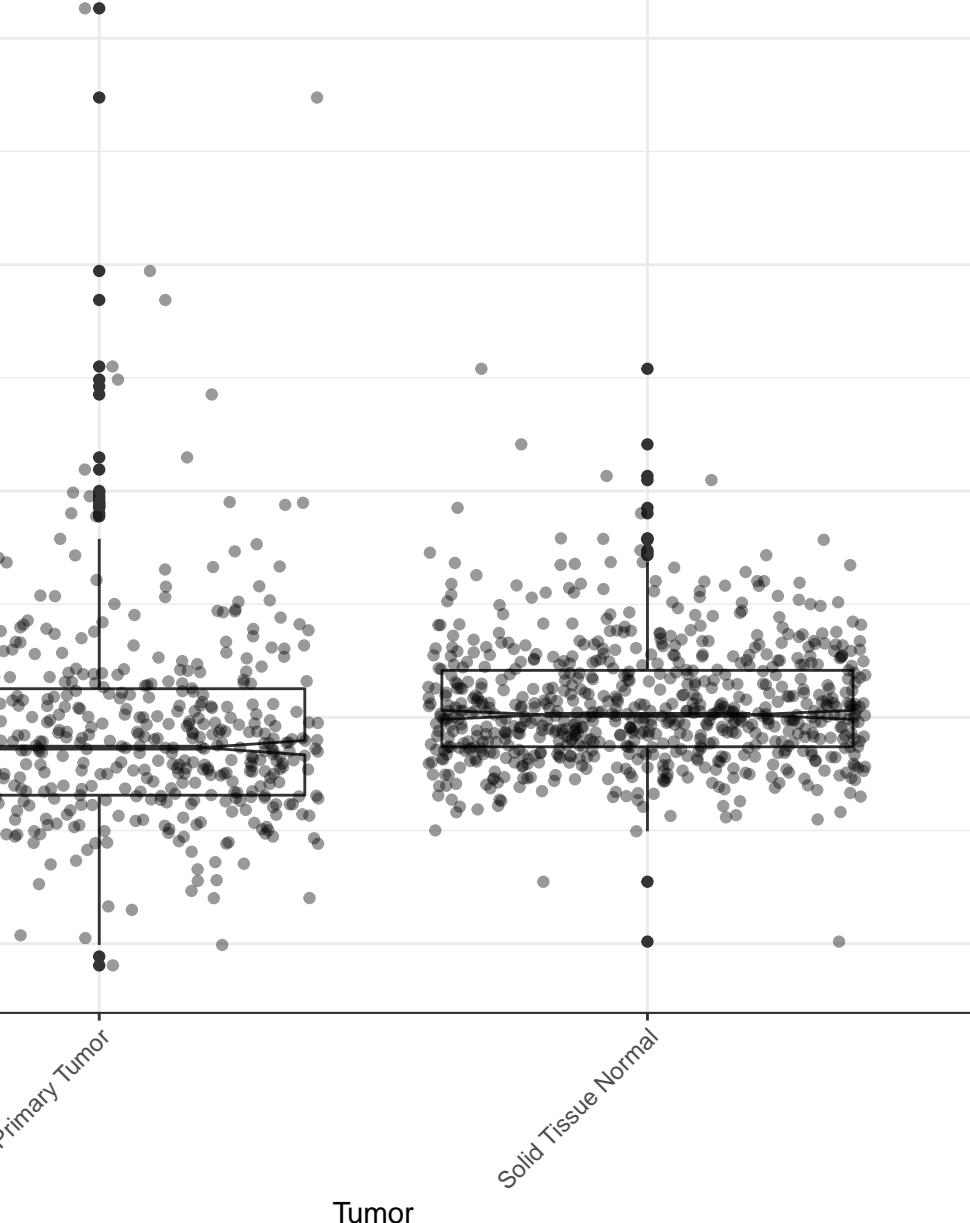
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



## 125,REACTOME\_PHOSPHOLIPID\_METABOLISM

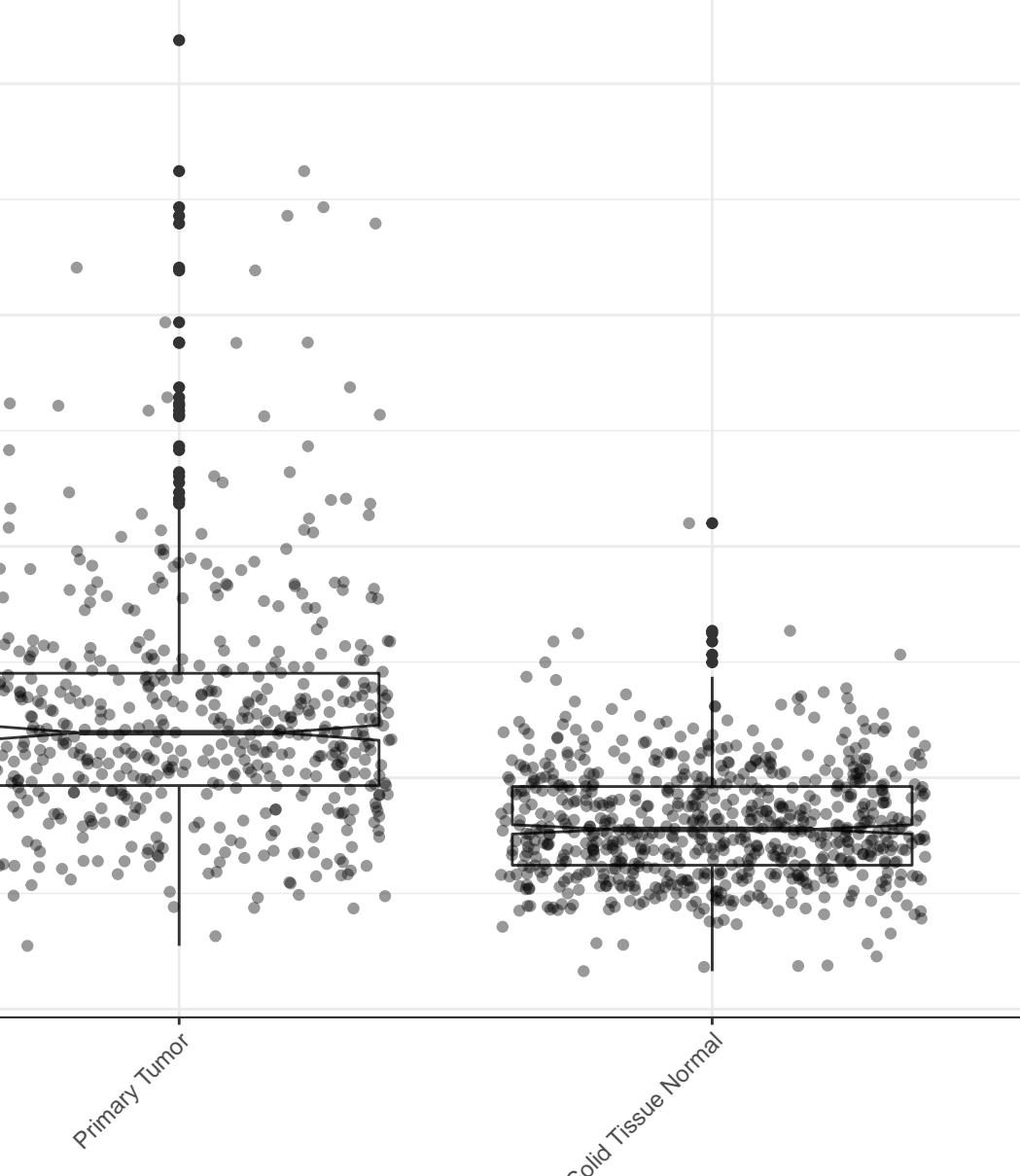
Value

0.15  
0.10  
0.05  
0.00  
-0.05

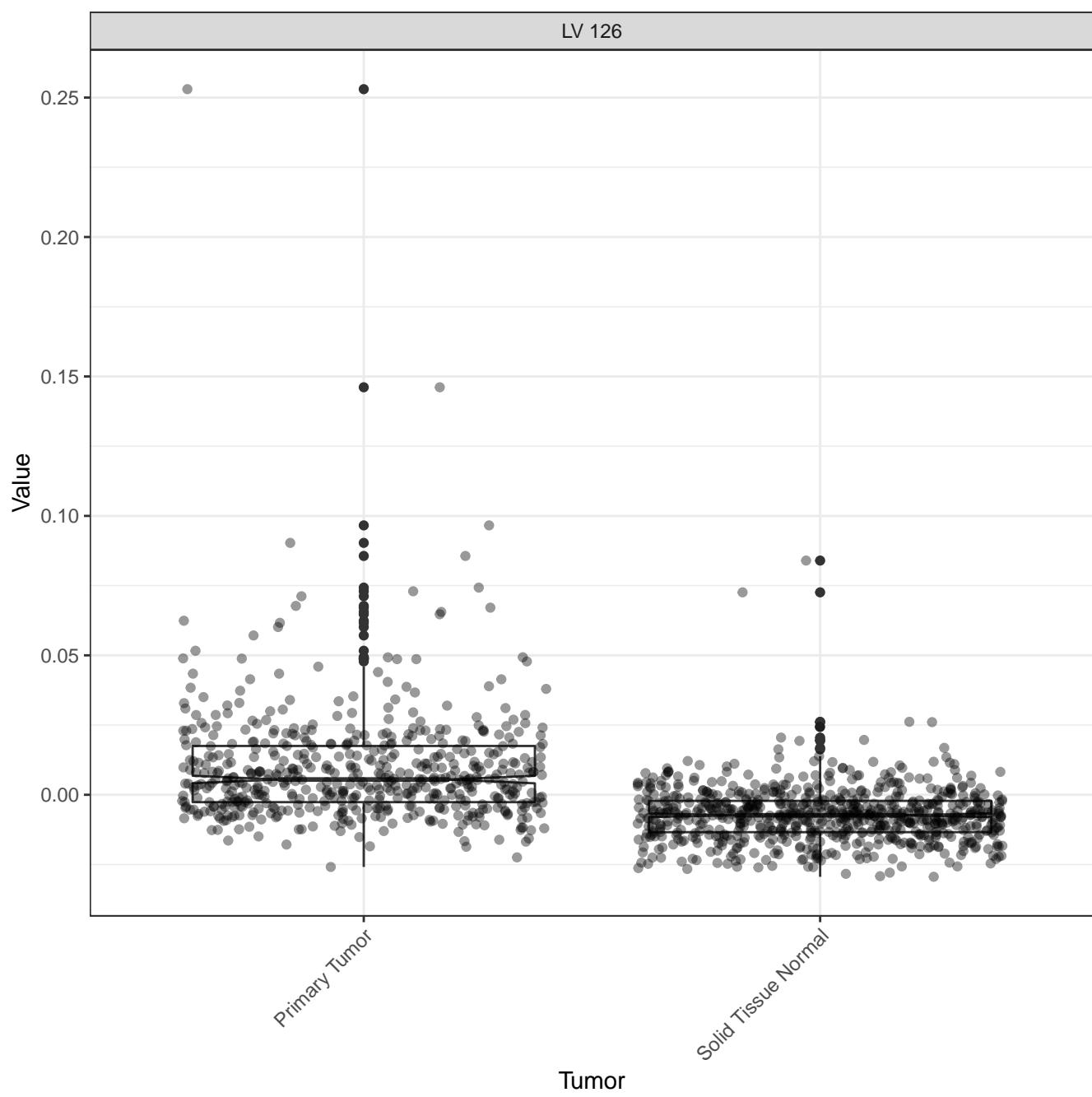
Primary Tumor

Solid Tissue Normal

Tumor



LV 126



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

Value

0.15

0.10

0.05

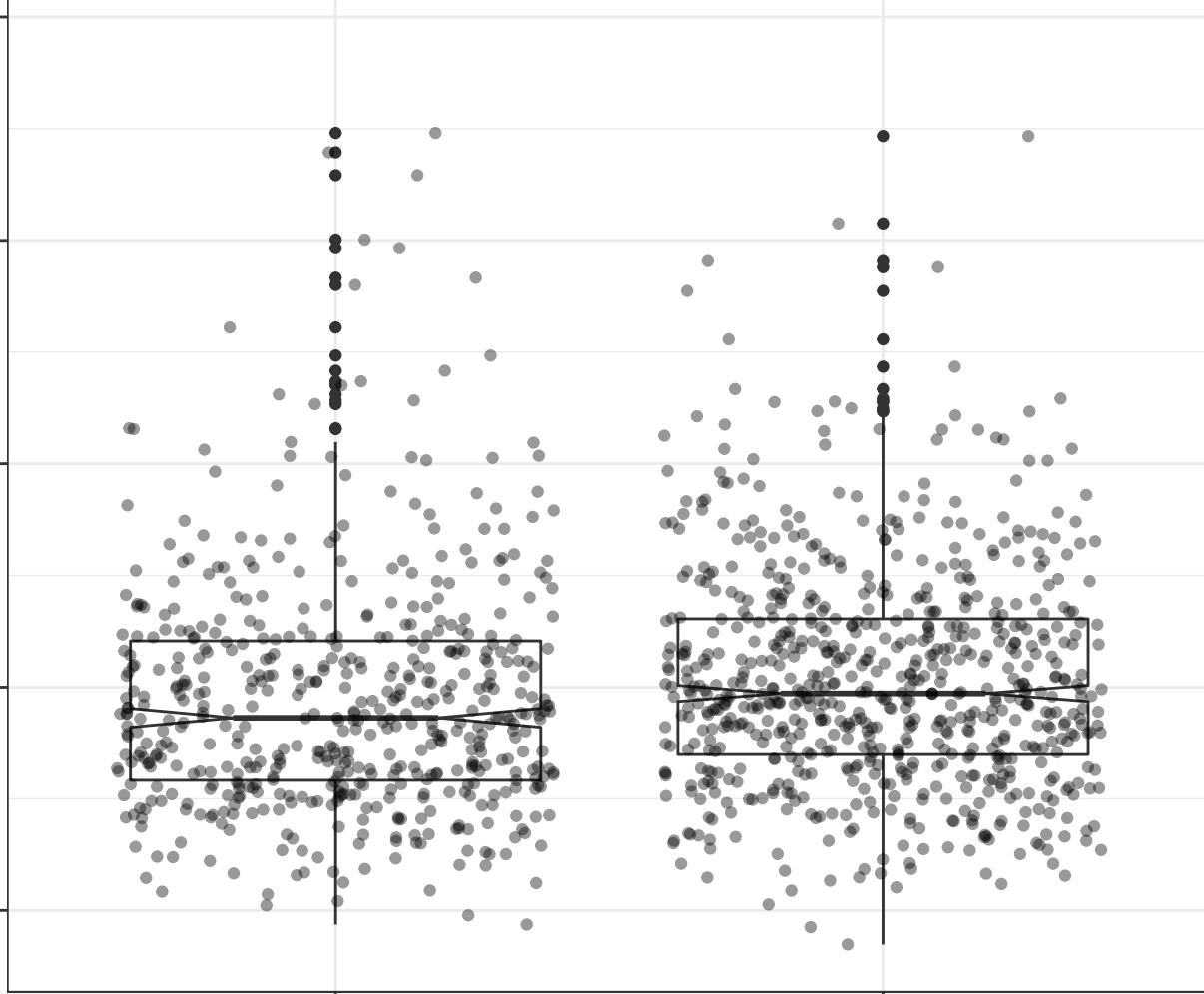
0.00

-0.05

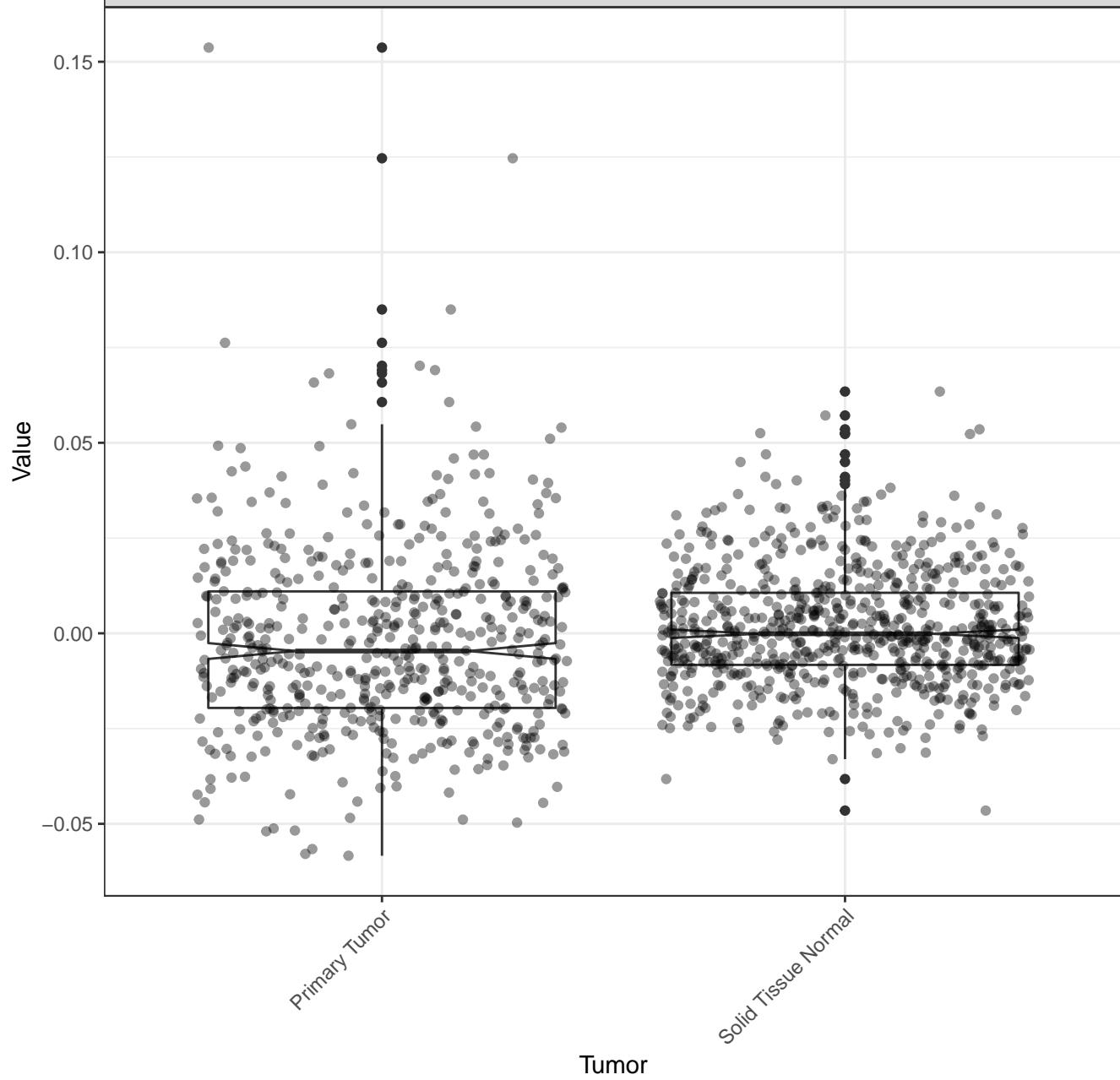
Primary Tumor

Tumor

Solid Tissue Normal



# 128,KEGG\_PURINE\_METABOLISM



LV 129

Value

0.06

0.04

0.02

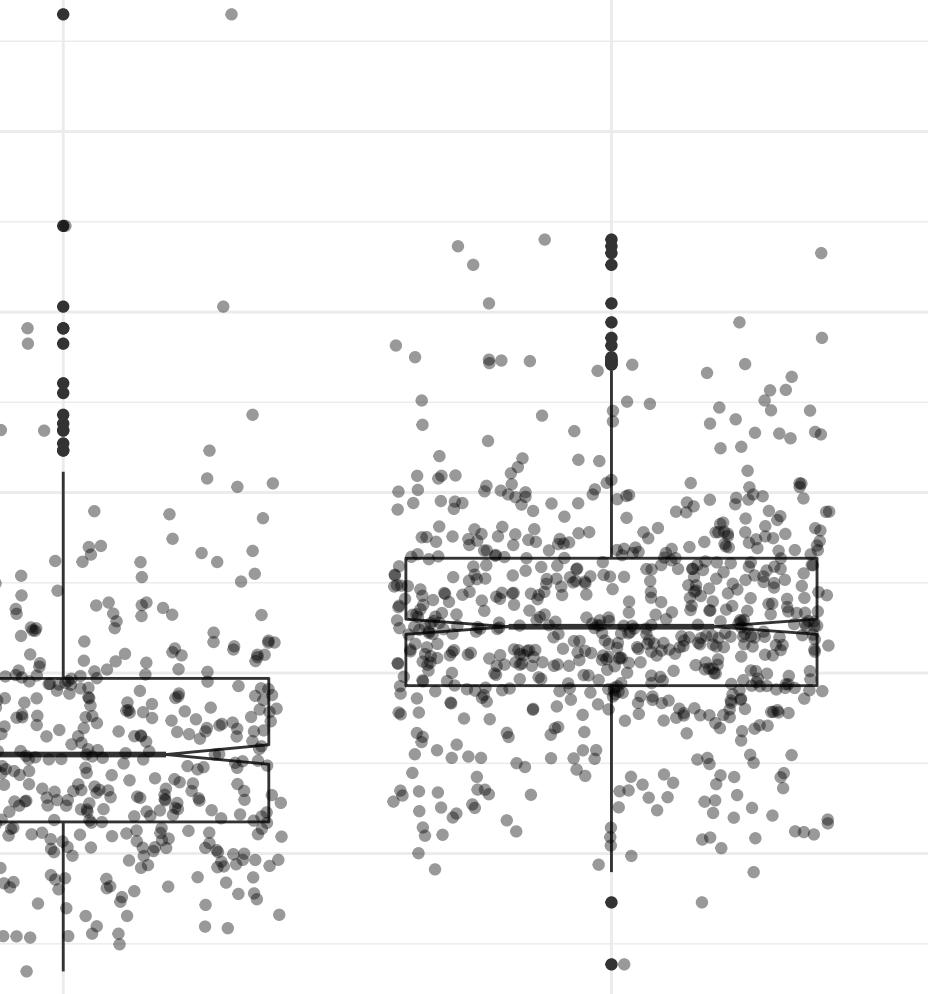
0.00

-0.02

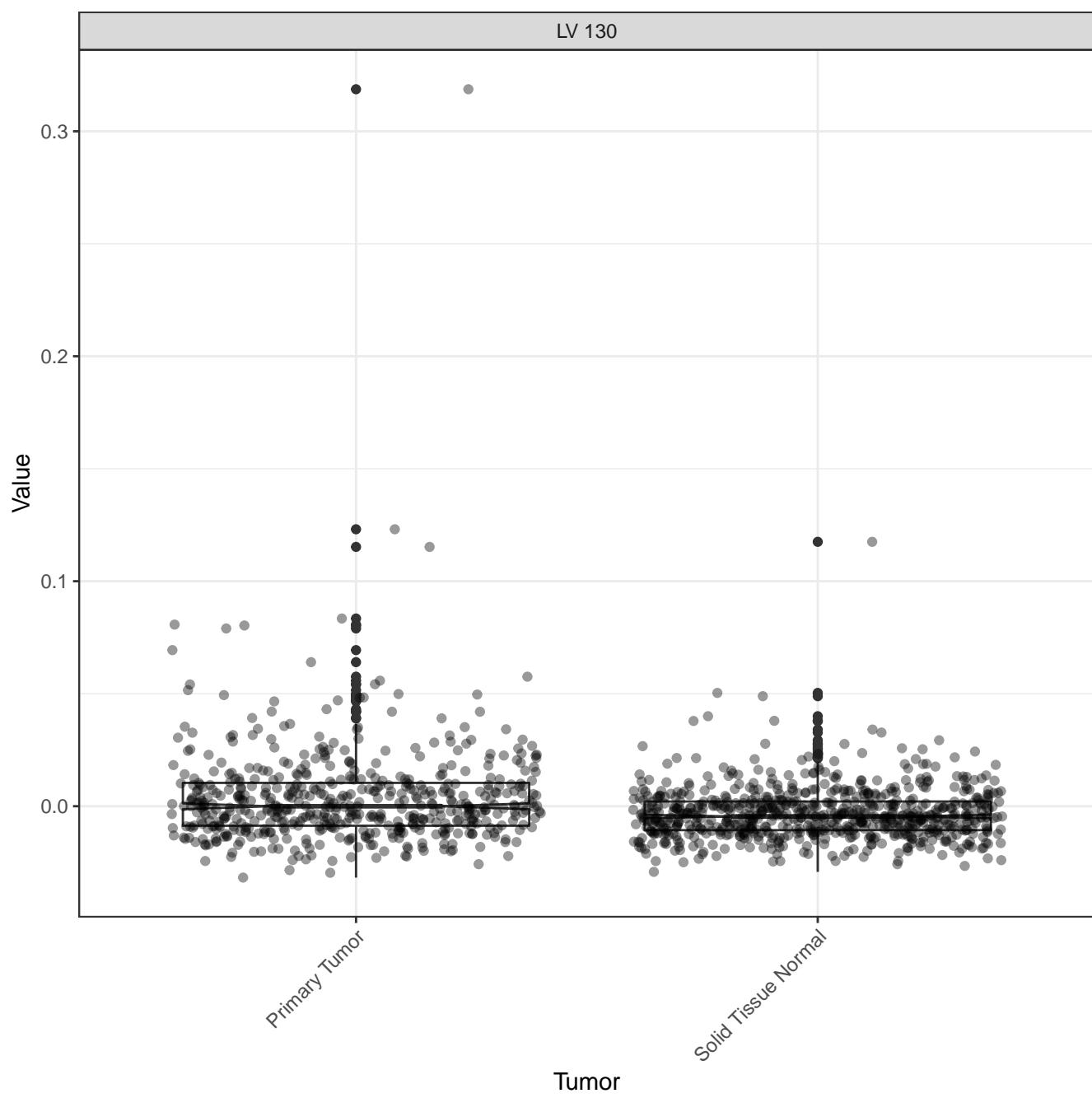
Primary Tumor

Solid Tissue Normal

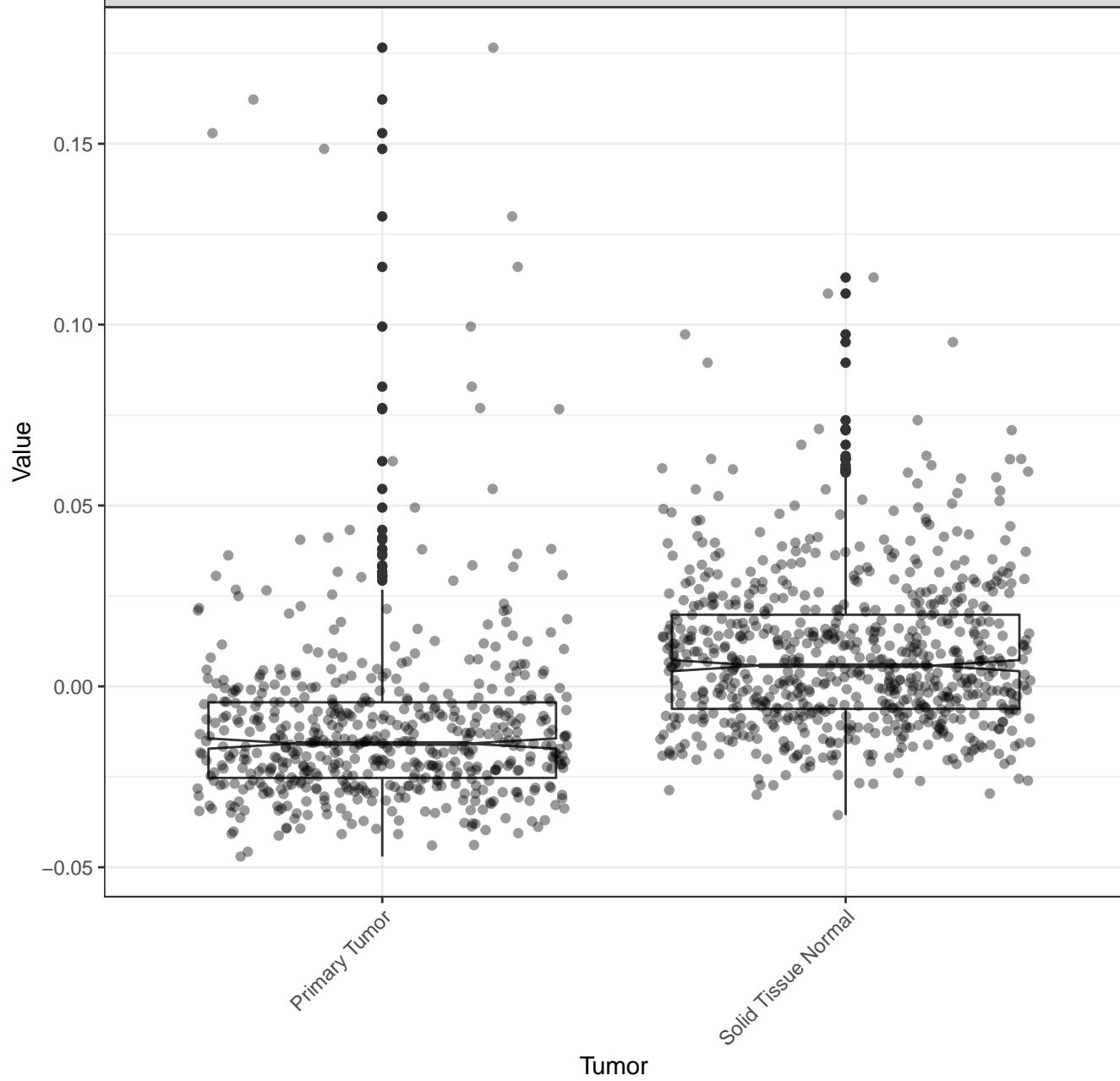
Tumor



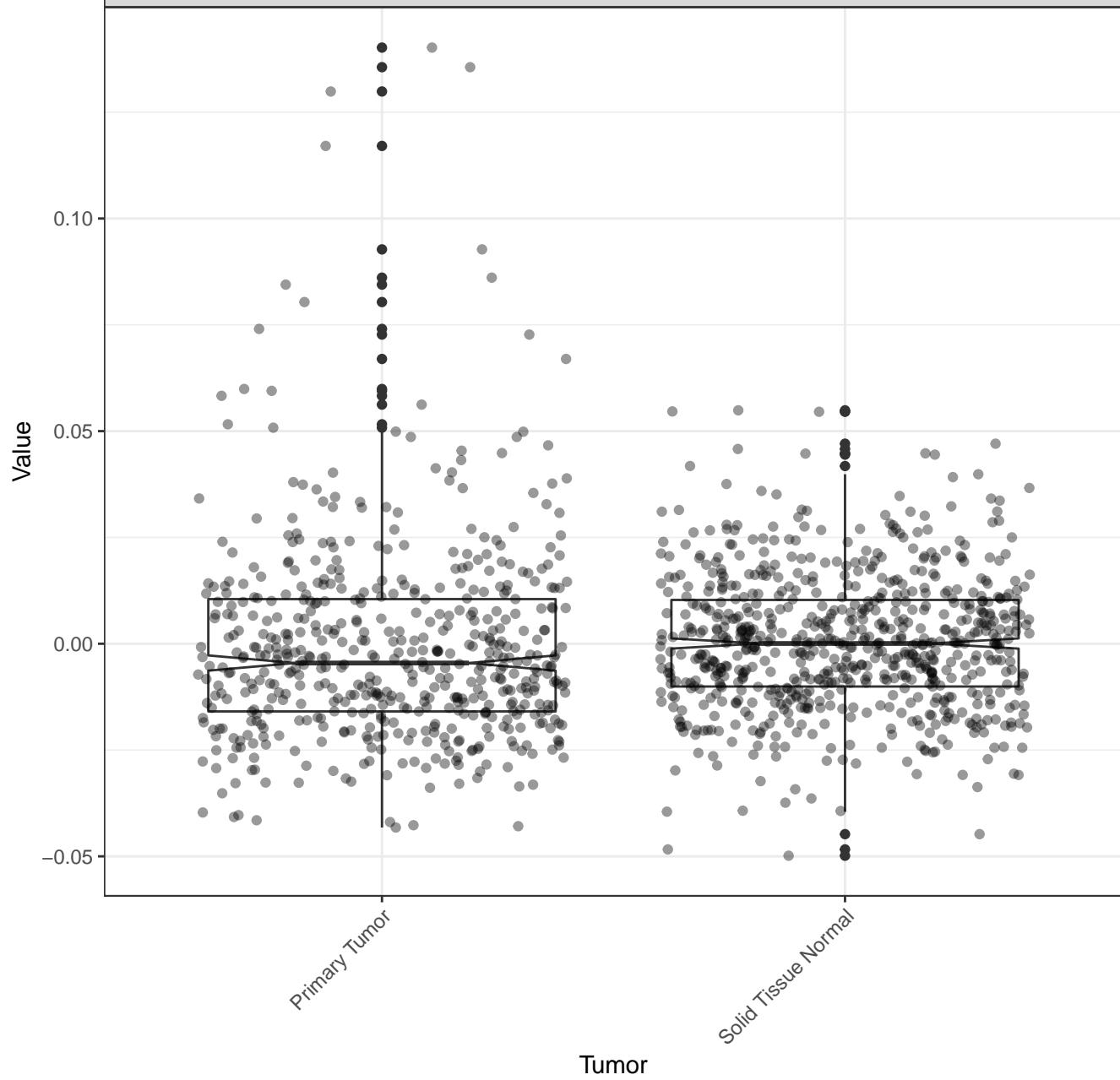
LV 130



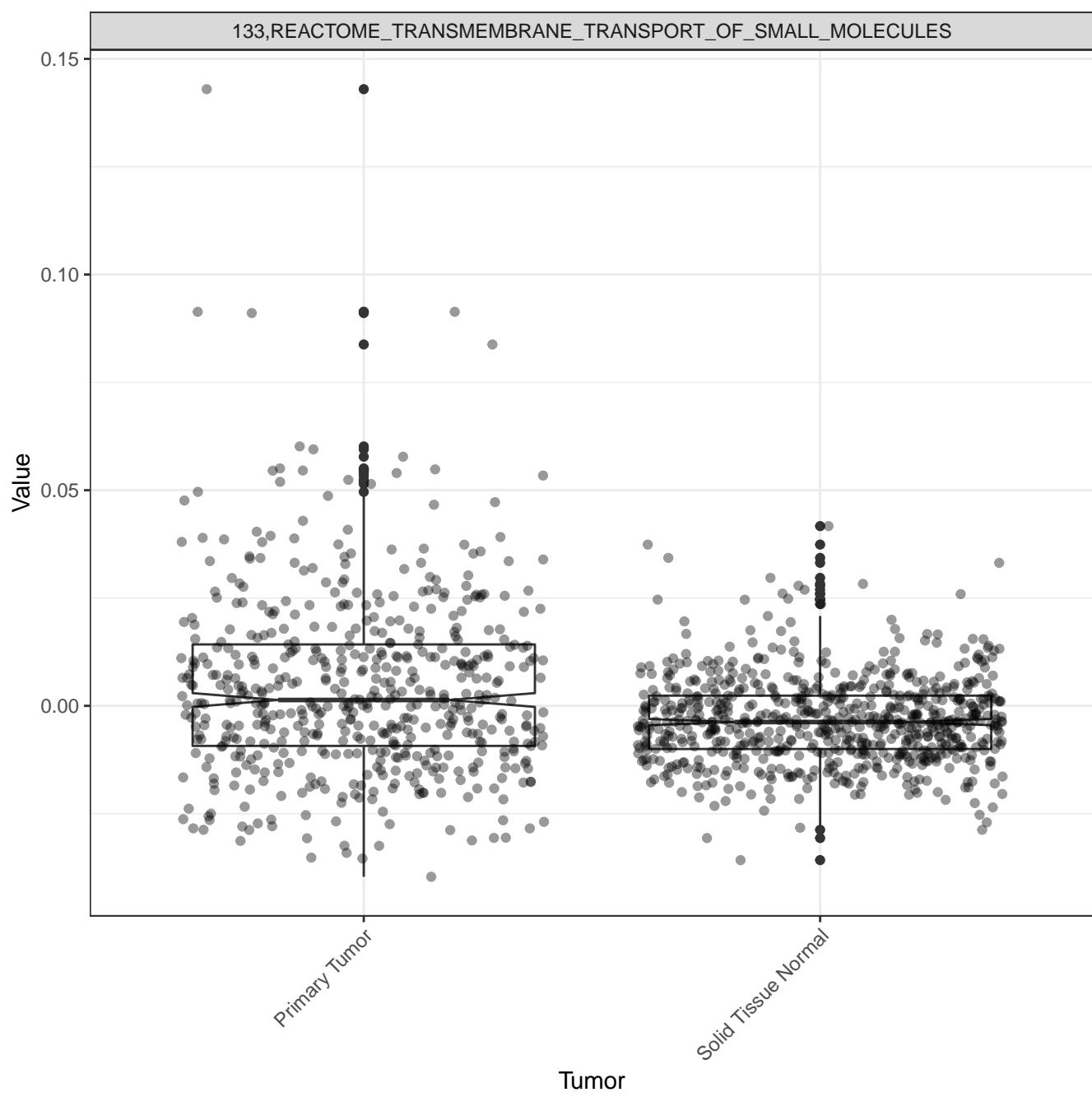
# 131,REACTOME\_OPIOID\_SIGNALLING



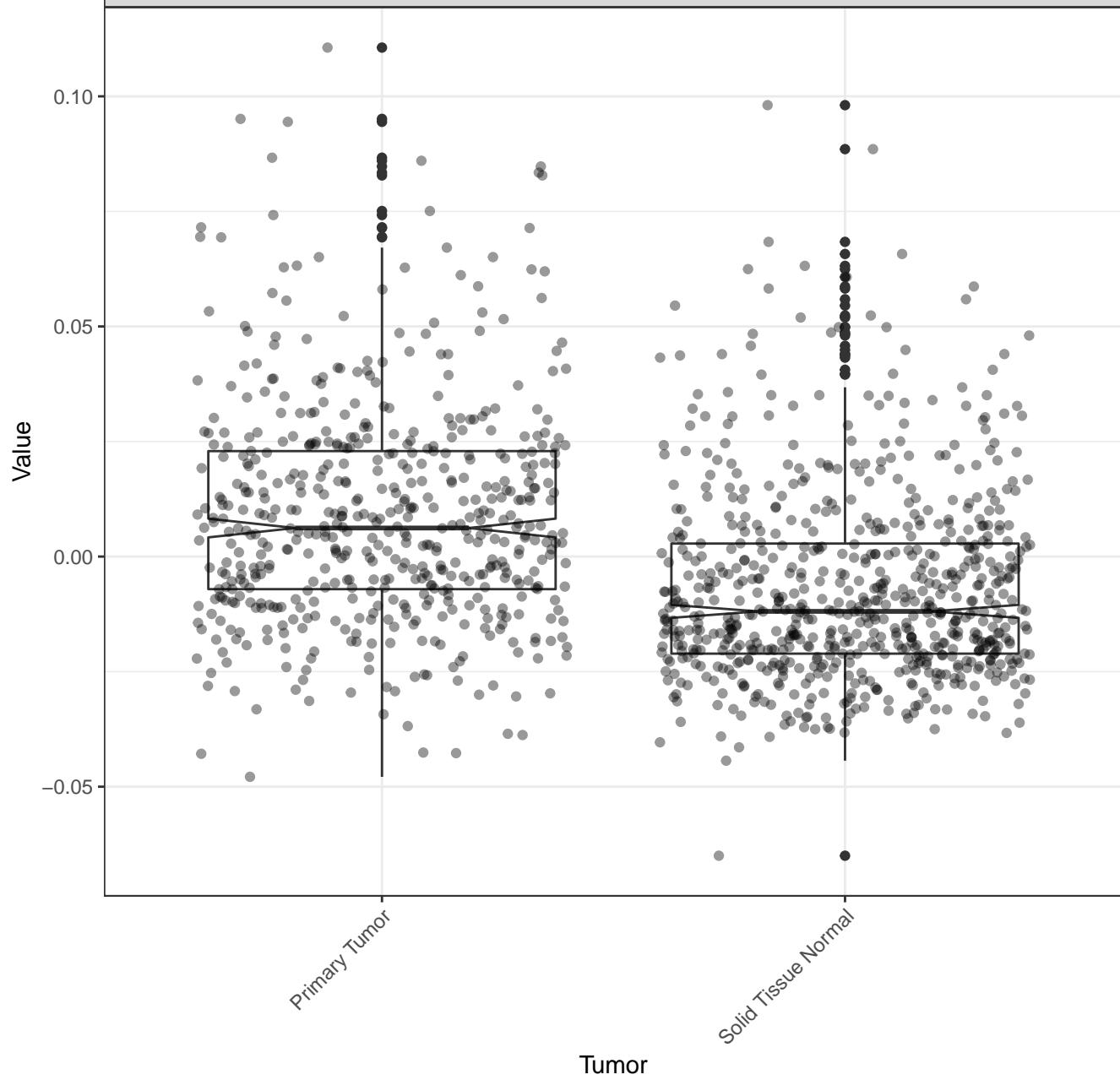
## 132,REACTOME\_SIGNALING\_BY\_SCF\_KIT



### 133,REACTOME\_TRANSMEMBRANE\_TRANSPORT\_OF\_SMALL\_MOLECULES



# 134,REACTOME\_DIABETES\_PATHWAYS



### 135,REACTOME\_METABOLISM\_OF\_RNA

Value

0.10

0.05

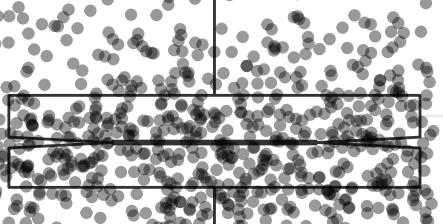
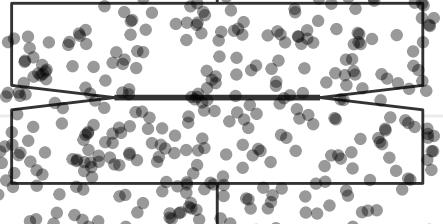
0.00

-0.05

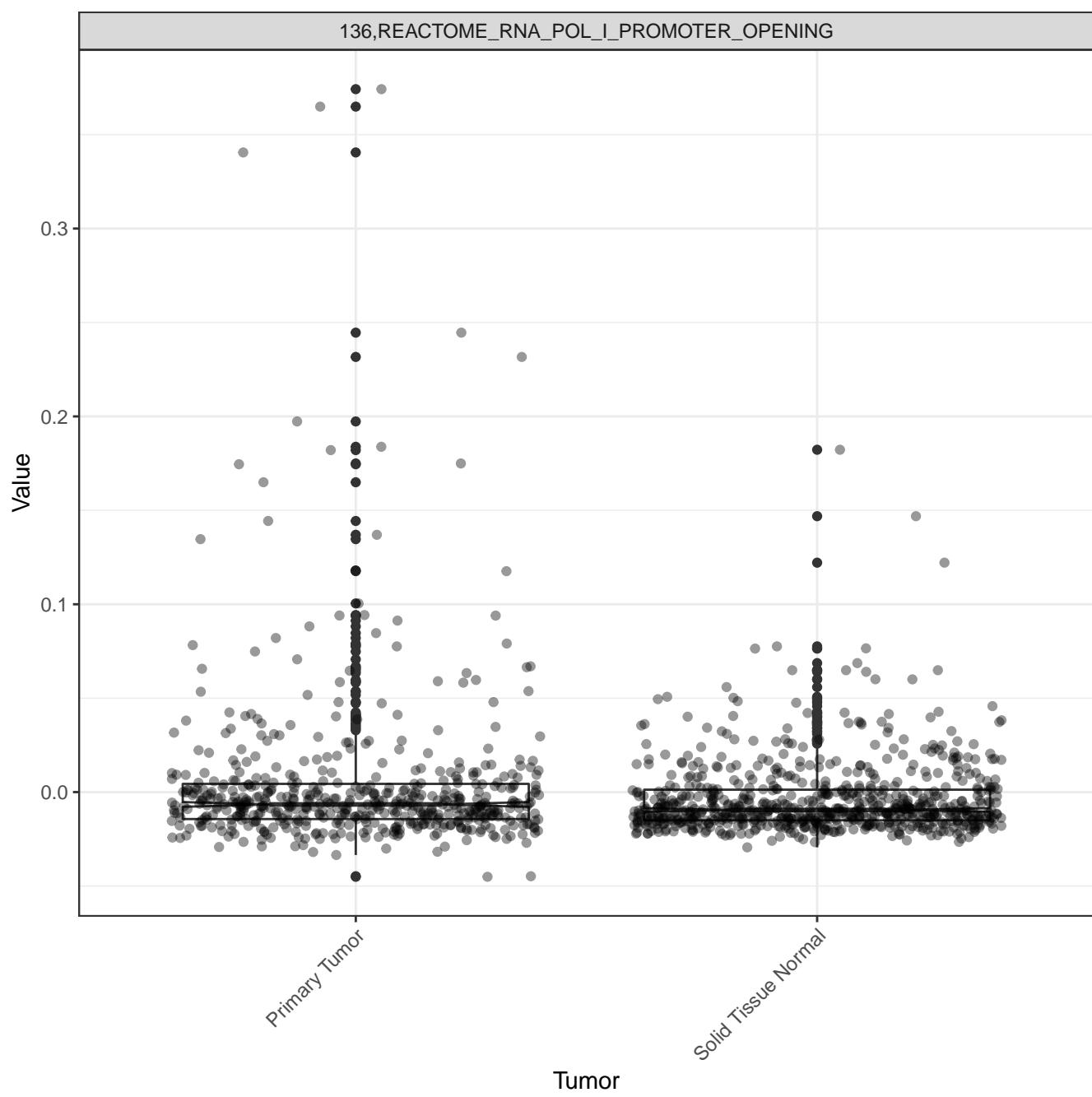
Primary Tumor

Solid Tissue Normal

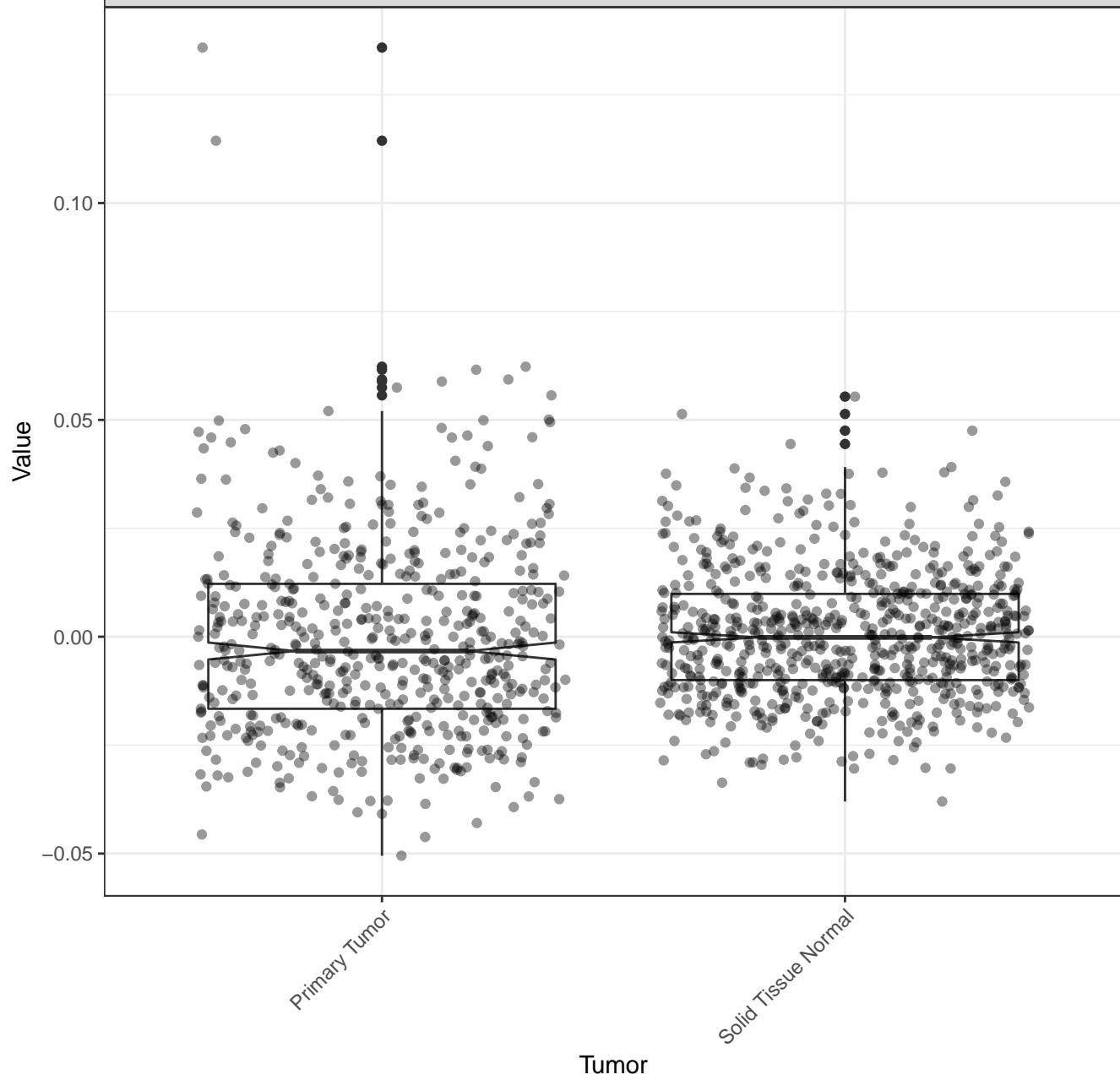
Tumor



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



LV 137



Value

0.10

0.05

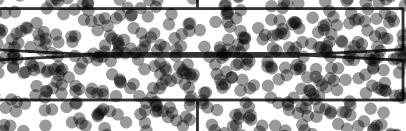
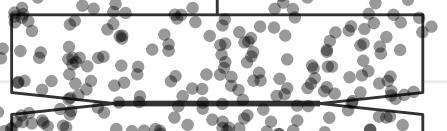
0.00

-0.05

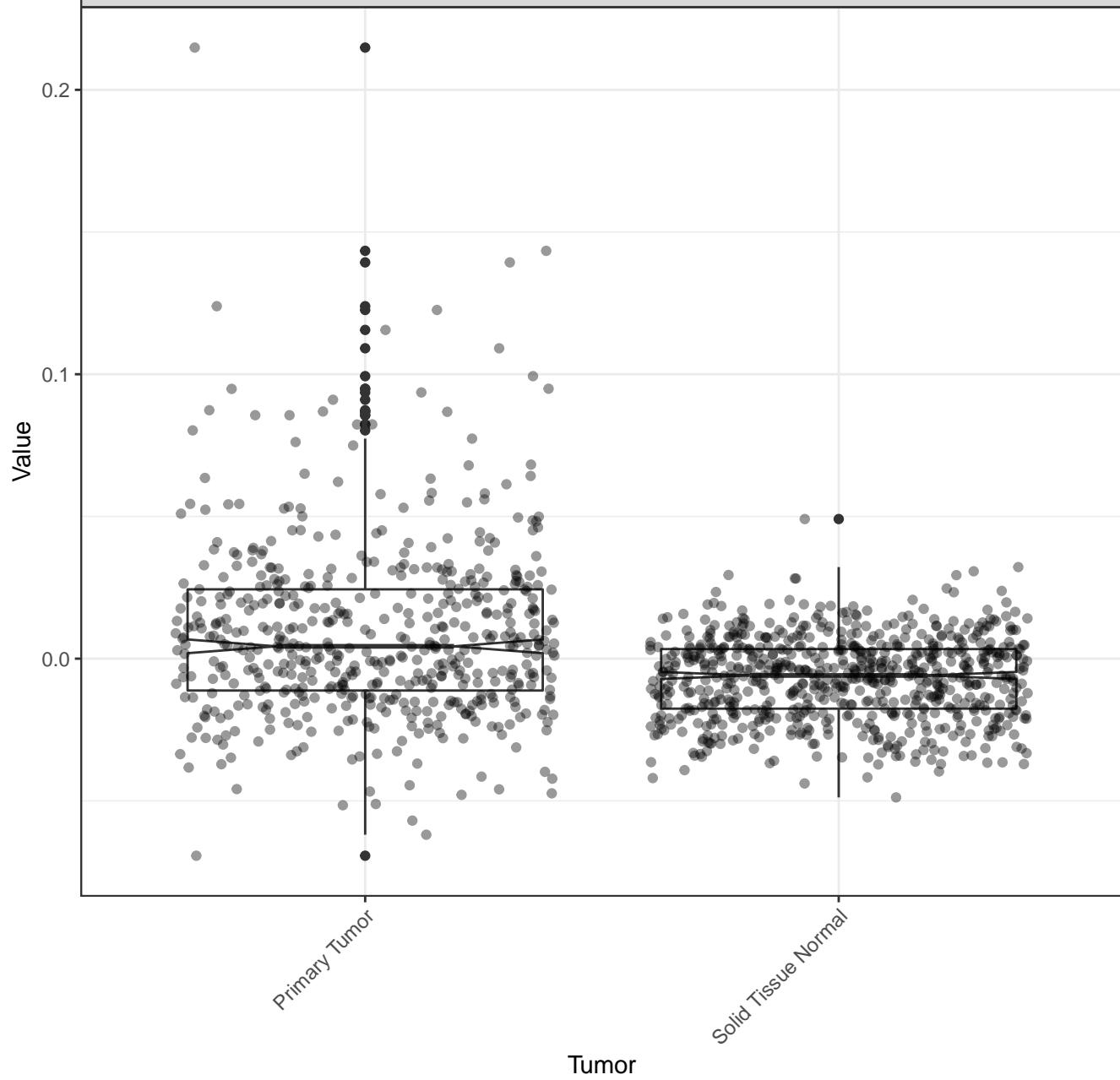
Primary Tumor

Solid Tissue Normal

Tumor



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



# 140,REACTOME\_INSULIN\_RECECTOR\_SIGNALLING CASCADE

Value

0.15

0.10

0.05

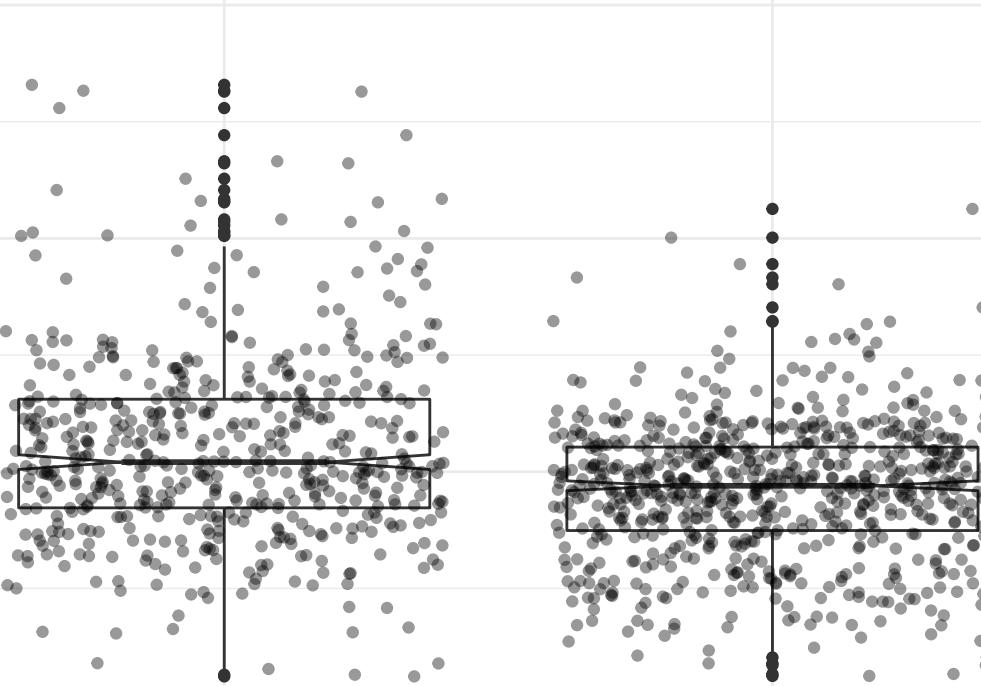
0.00

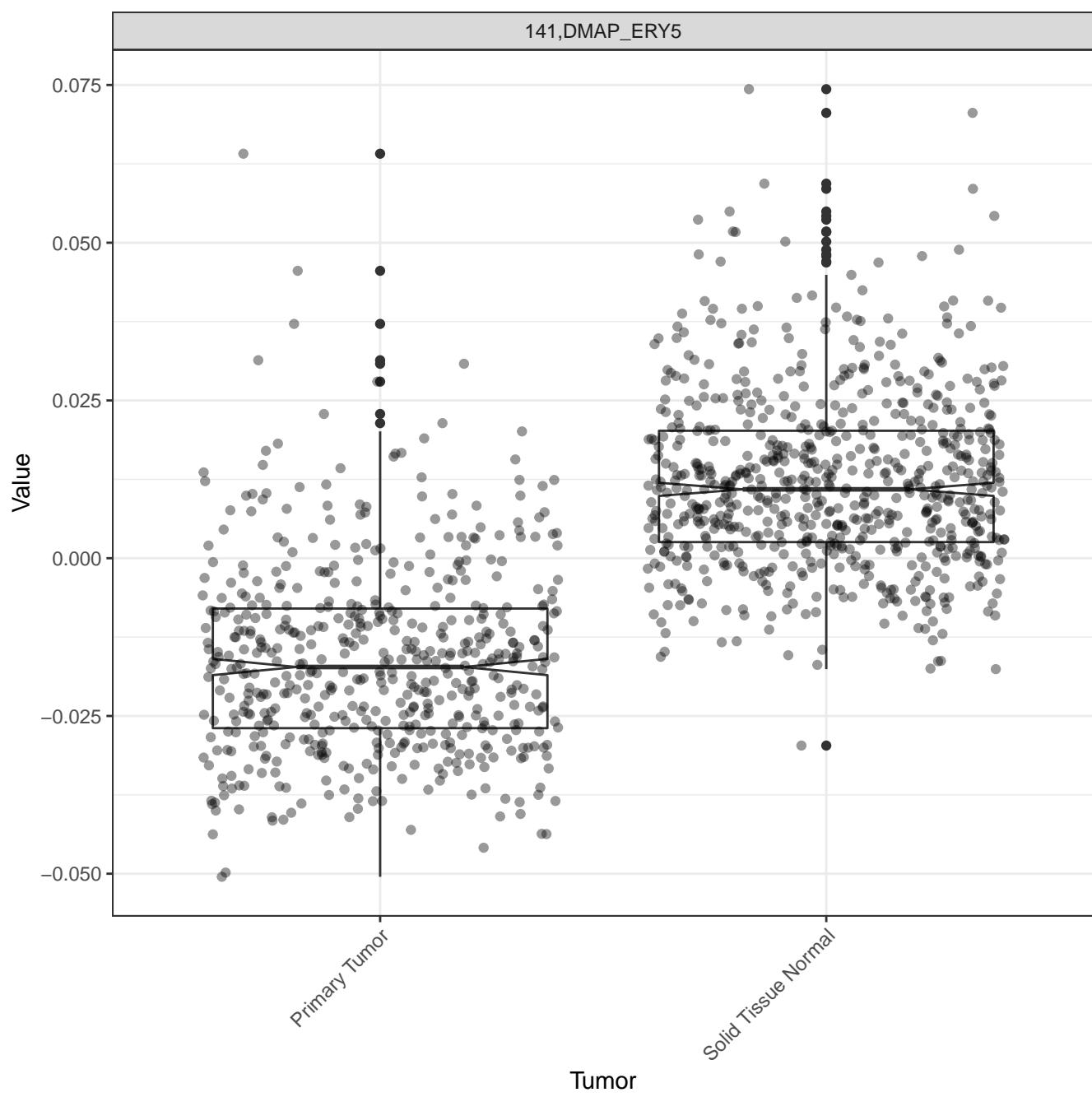
-0.05

Primary Tumor

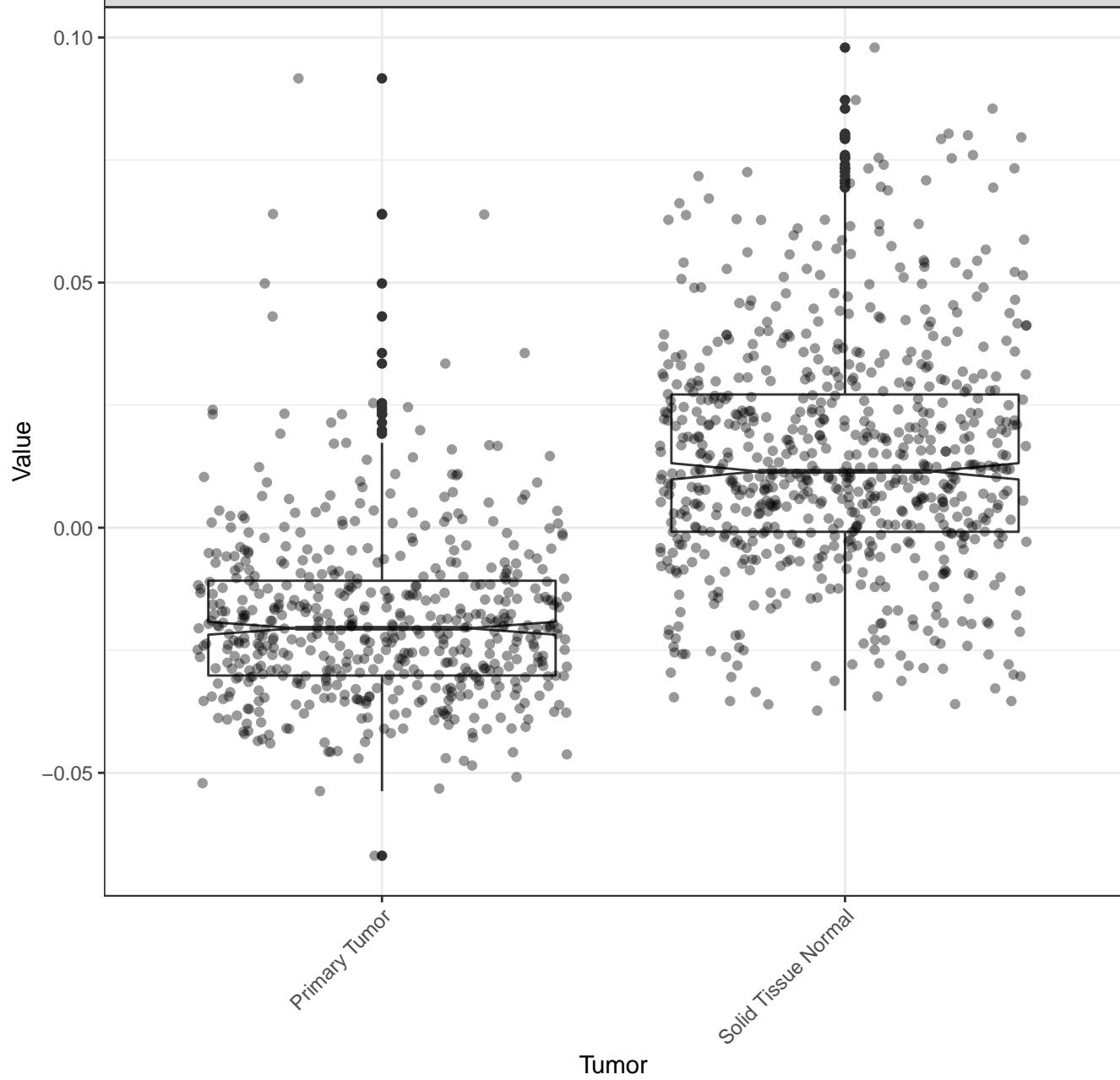
Solid Tissue Normal

Tumor

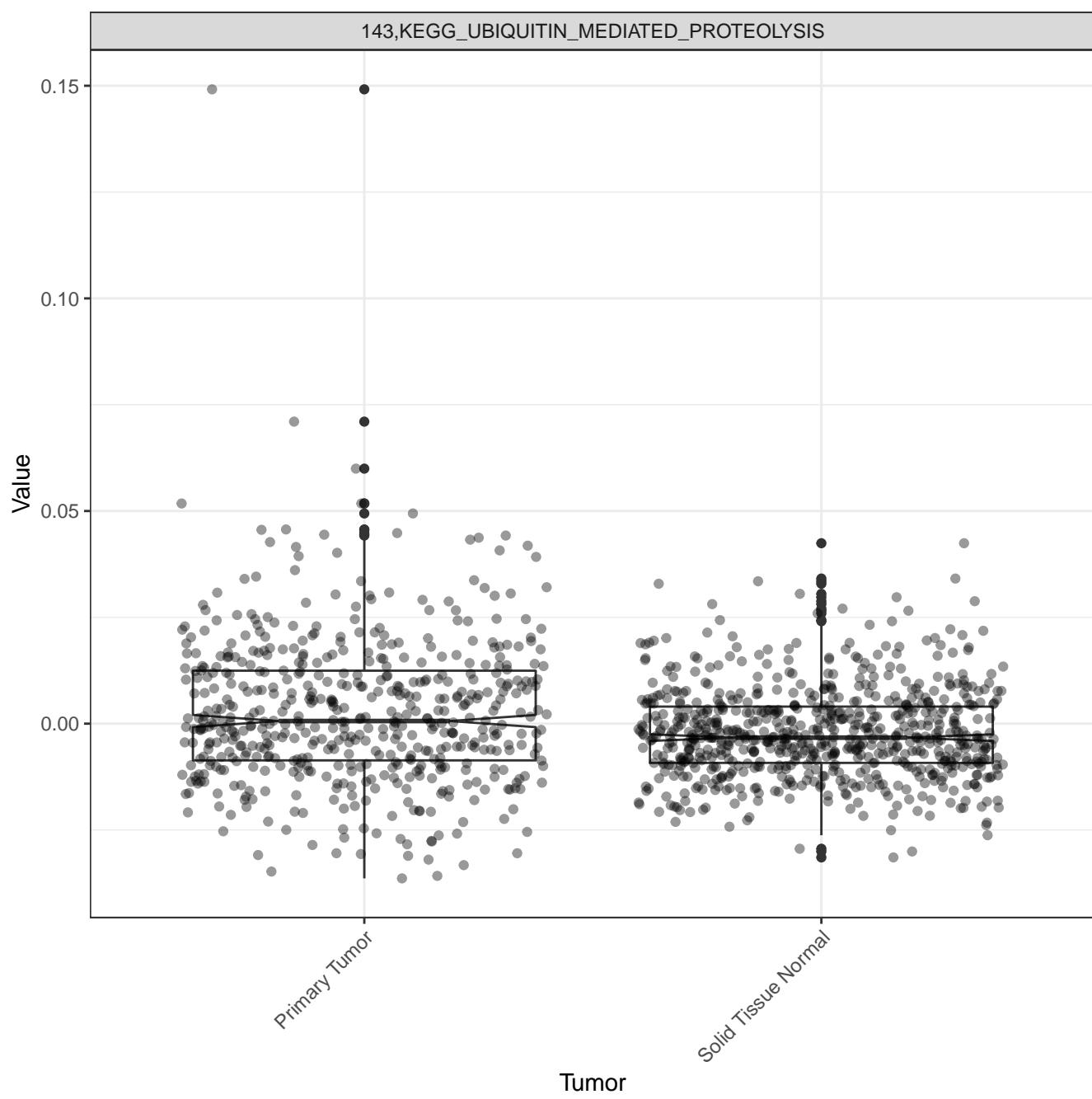




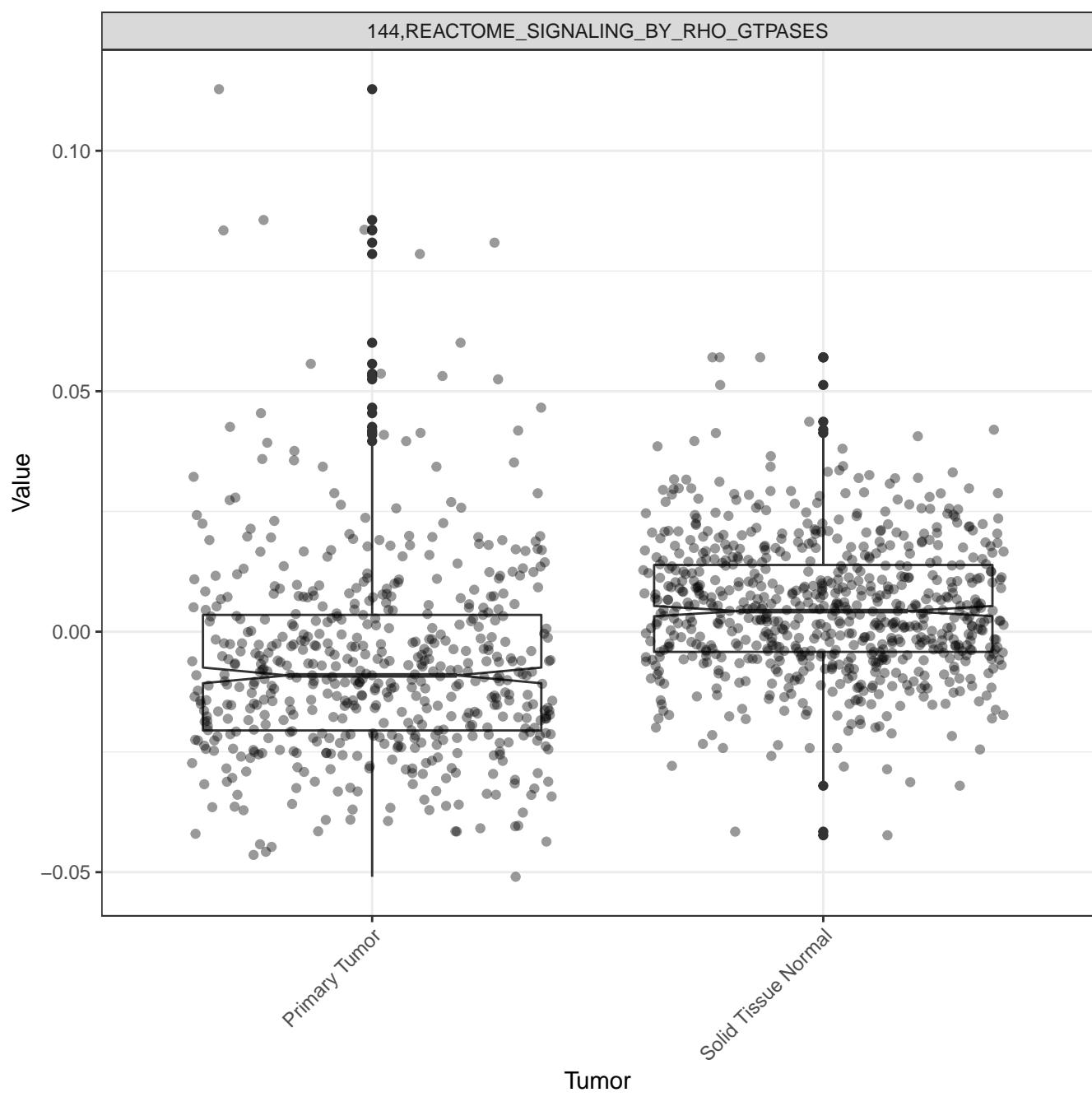
LV 142



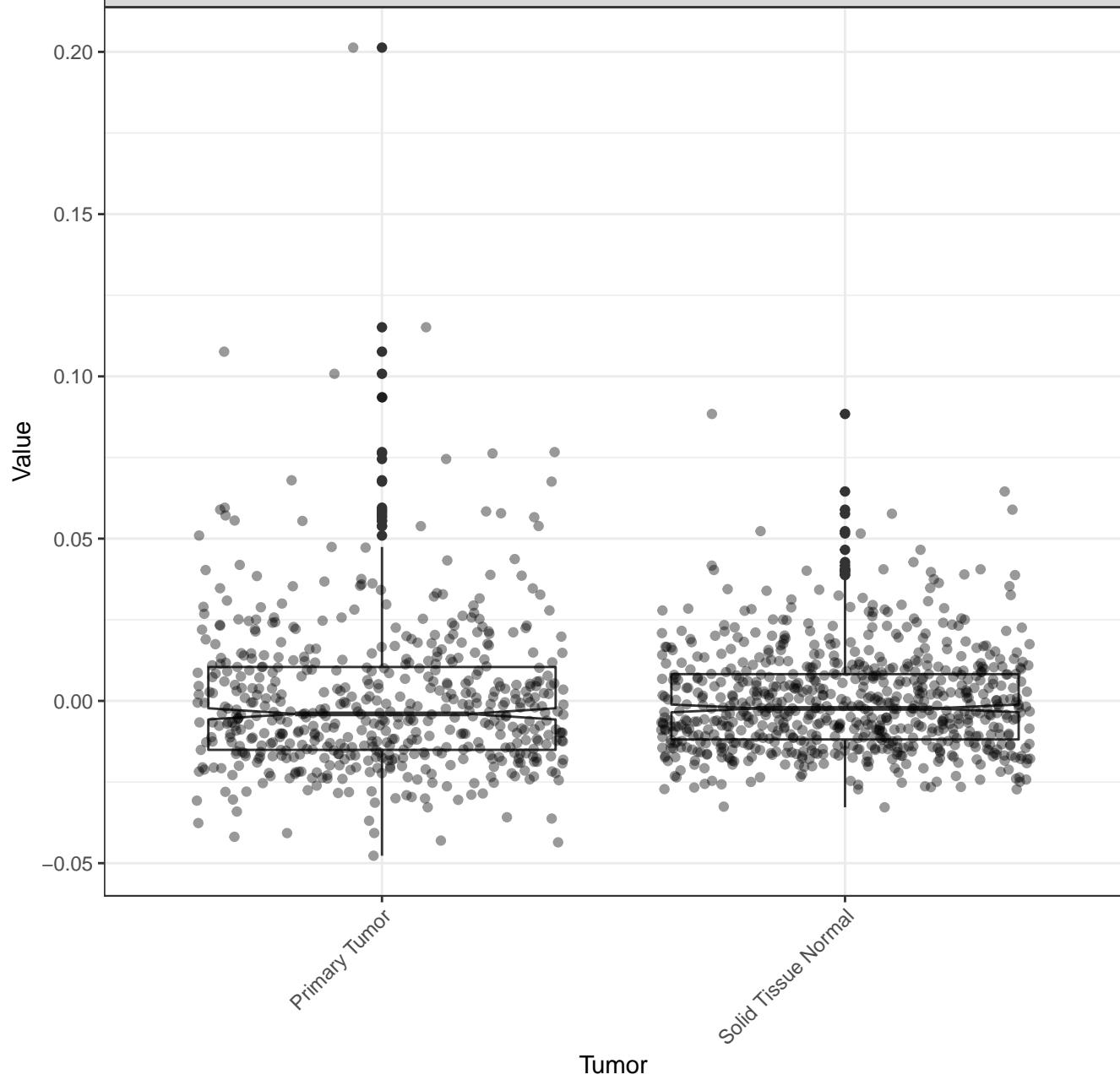
### 143,KEGG\_UBIQUITIN\_MEDiated\_PROTEOLYSIS



# 144,REACTOME\_SIGNALING\_BY\_RHO\_GTPASES



## 145,REACTOME\_SIGNALING\_BY\_ILS



Value

0.05

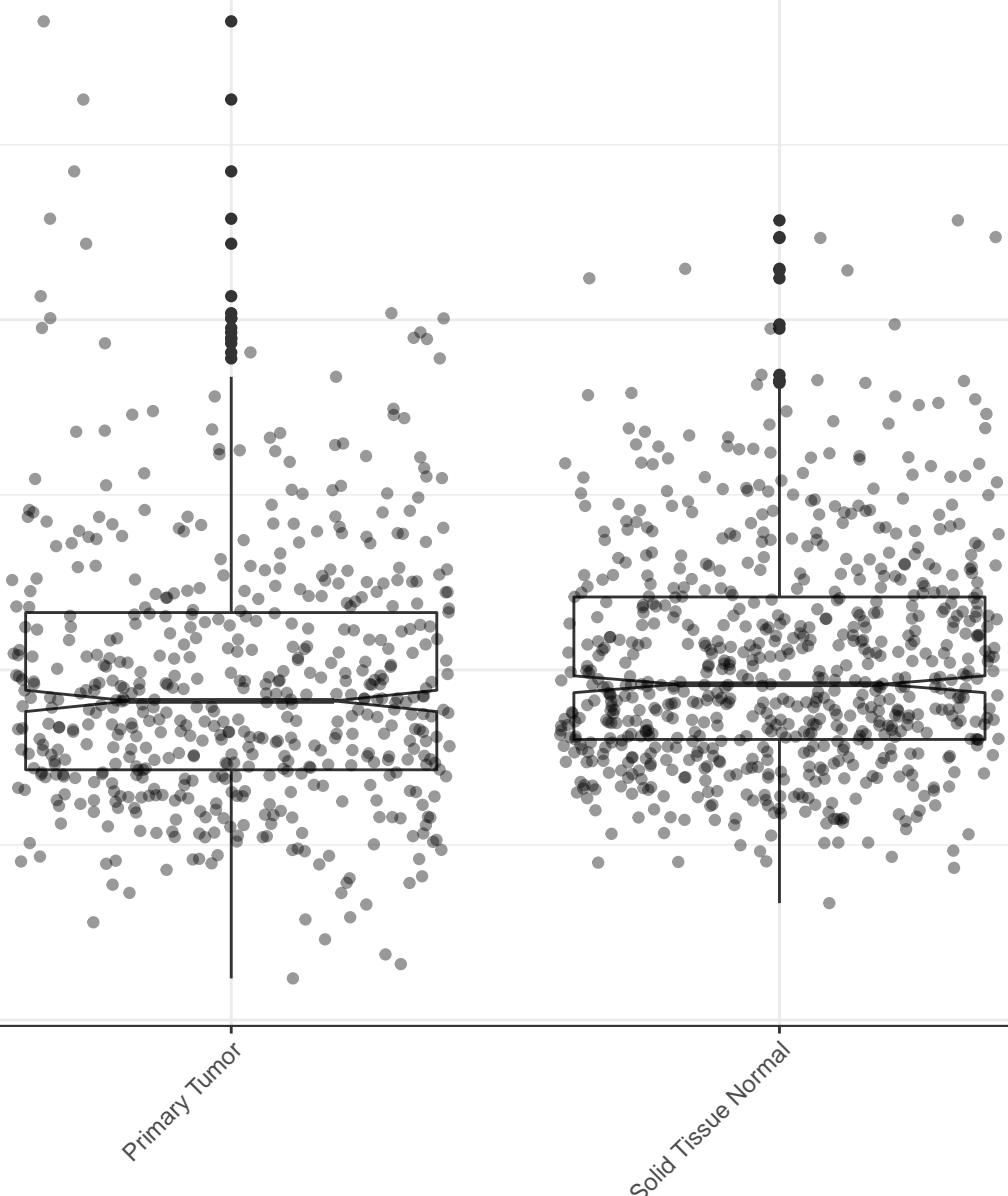
0.00

-0.05

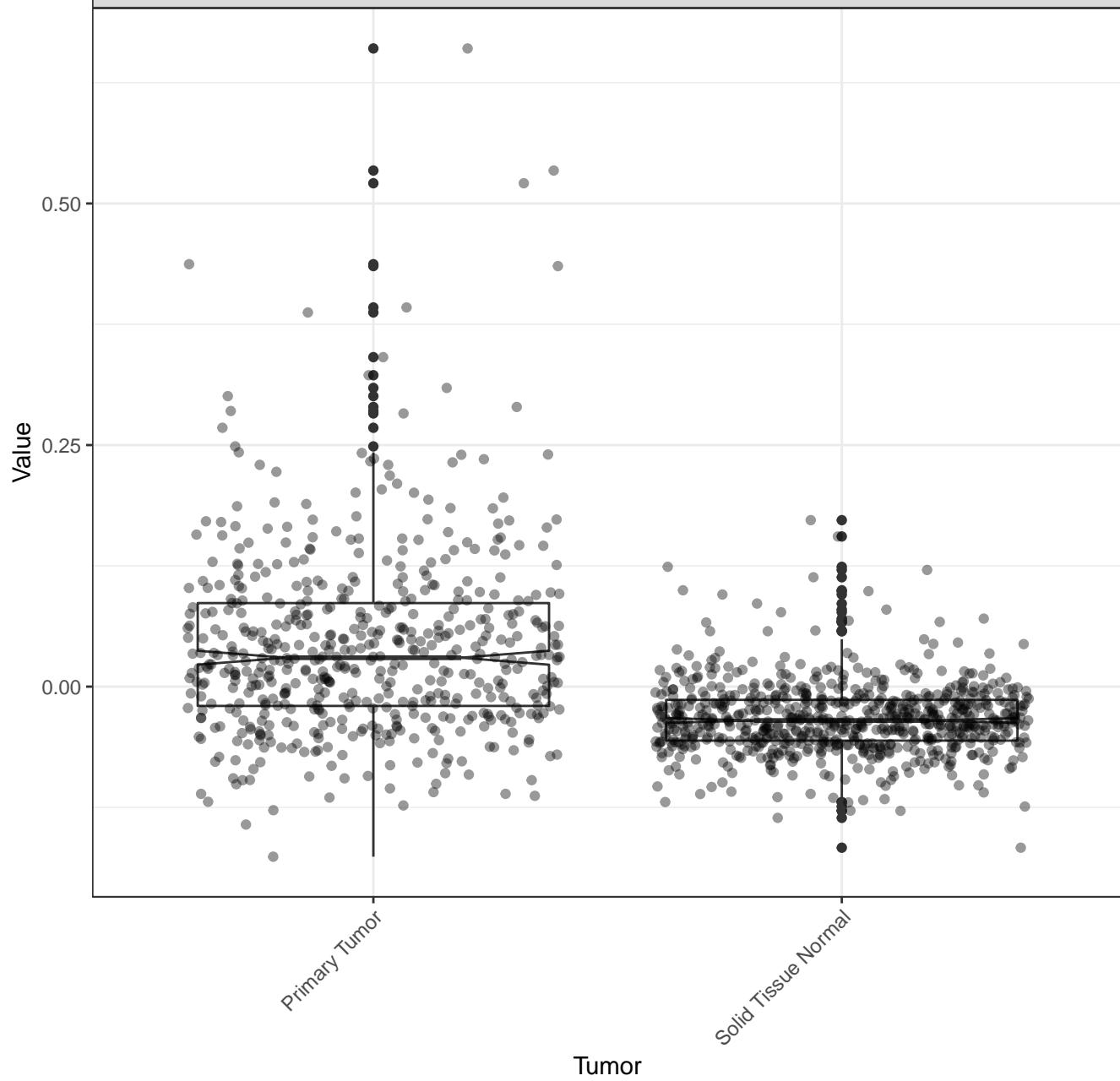
Primary Tumor

Solid Tissue Normal

Tumor



## 147,PID\_AURORA\_B\_PATHWAY



Value

0.04

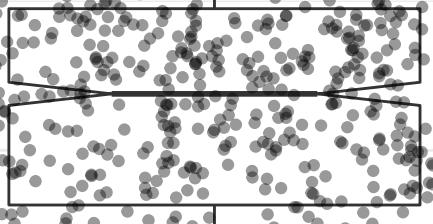
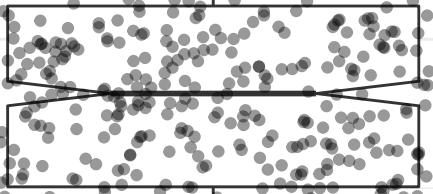
0.00

-0.04

Primary Tumor

Solid Tissue Normal

Tumor



A vertical black line is positioned at the center of the plot, separating the two groups. The y-axis has horizontal grid lines at -0.04, 0.00, and 0.04.

Value

0.08

0.04

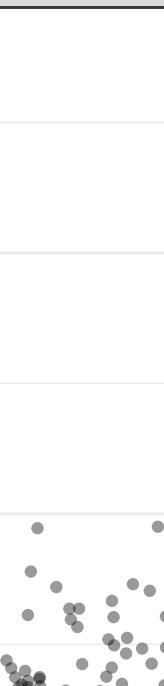
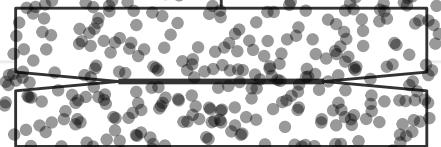
0.00

-0.04

Primary Tumor

Solid Tissue Normal

Tumor



## 150,REACTOME\_IMMUNE\_SYSTEM

Value

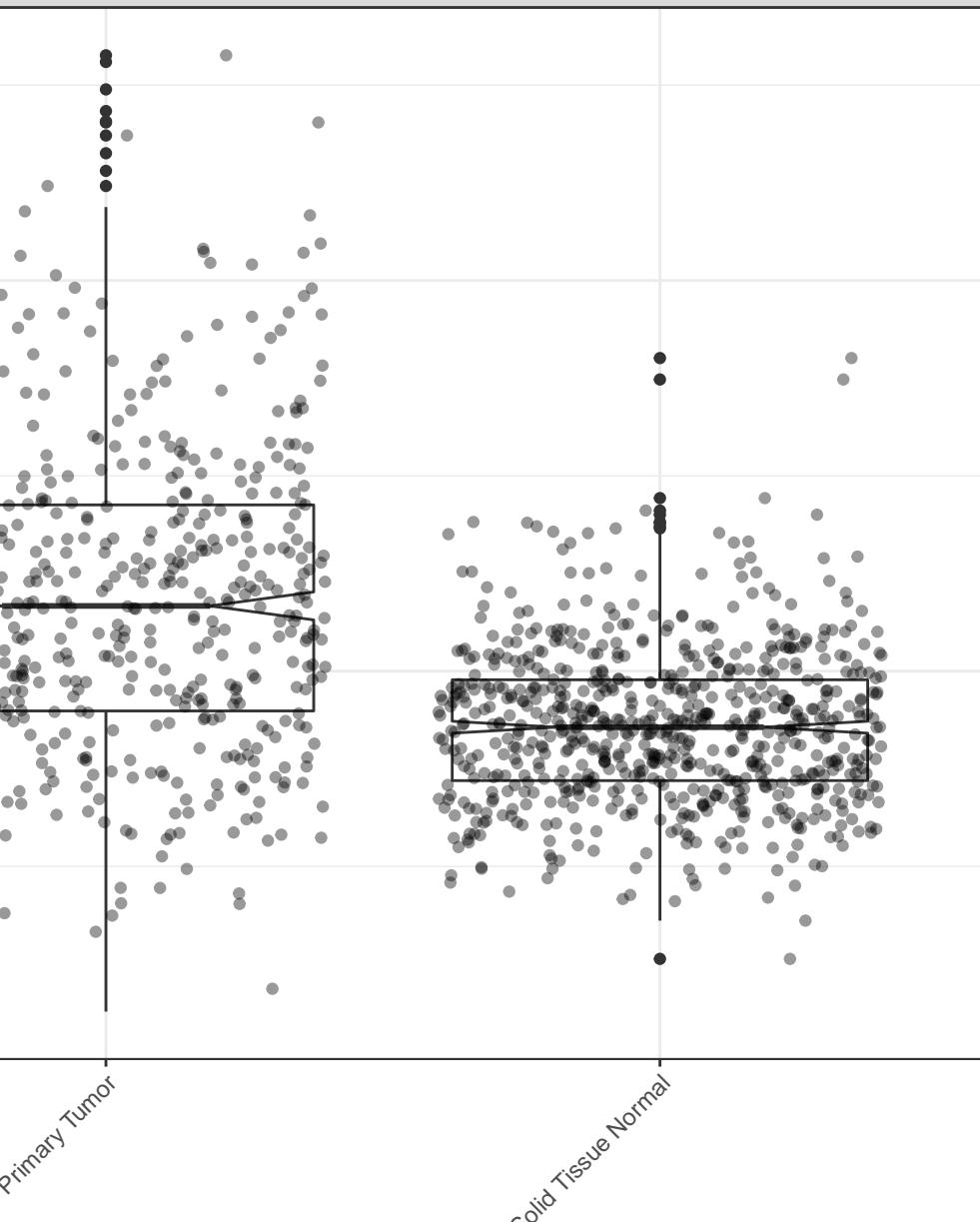
0.05

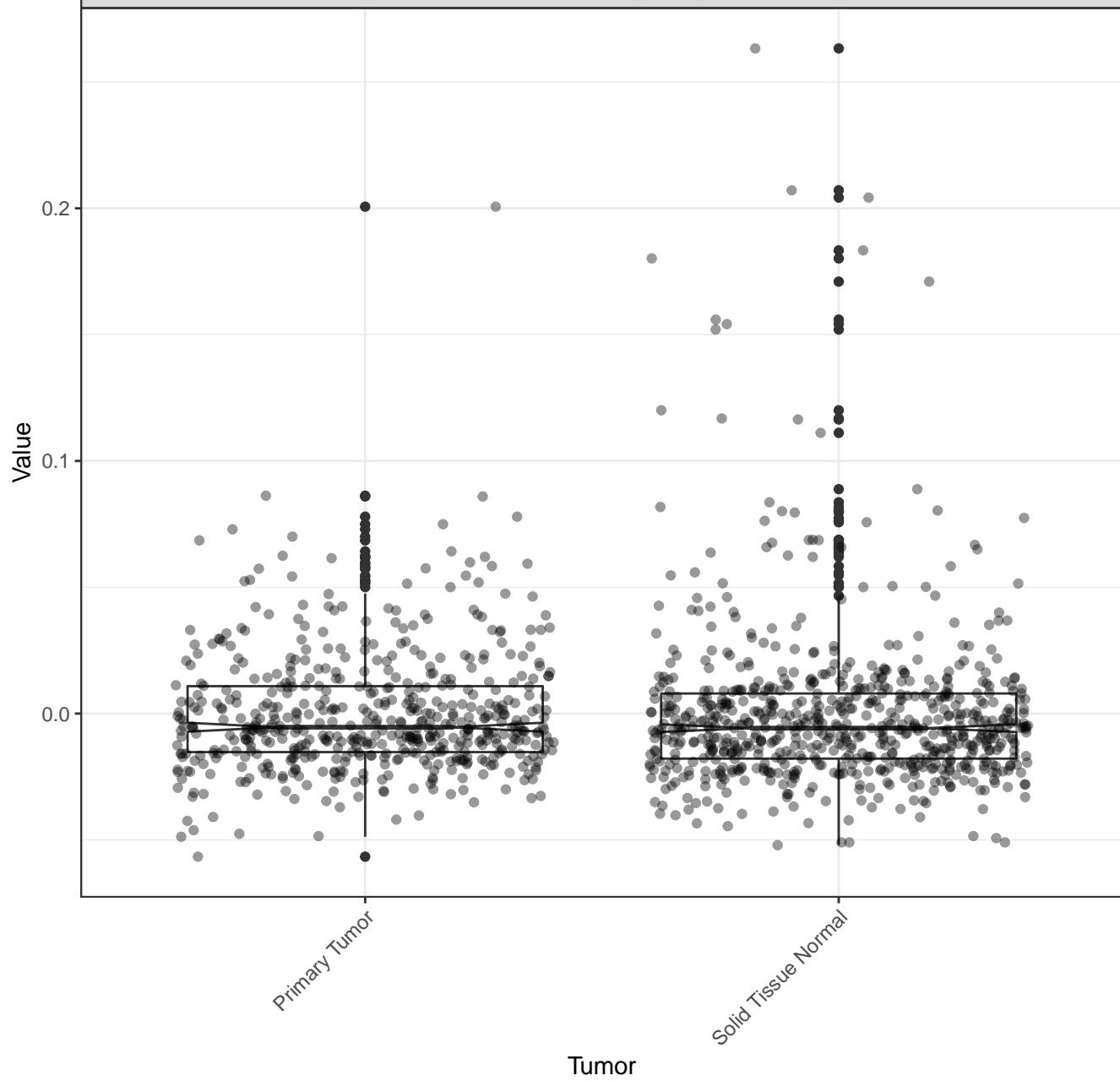
0.00

Primary Tumor

Tumor

Solid Tissue Normal





## 152,KEGG\_ARRHYTHMOGENIC\_RIGHT\_VENTRICULAR\_CARDIOMYOPATHY\_ARVC

Value

0.10

0.05

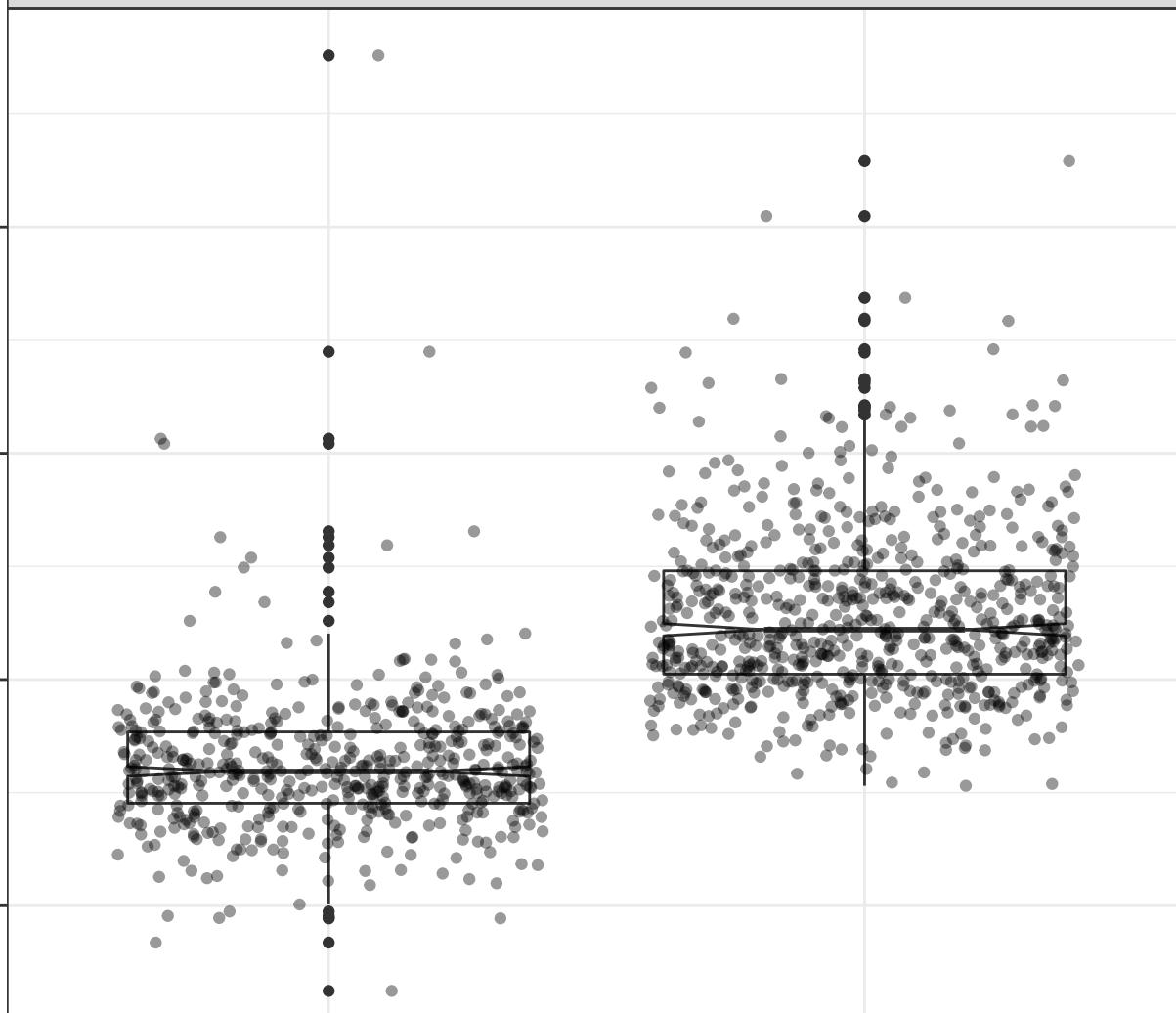
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



LV 153

Value

0.15

0.10

0.05

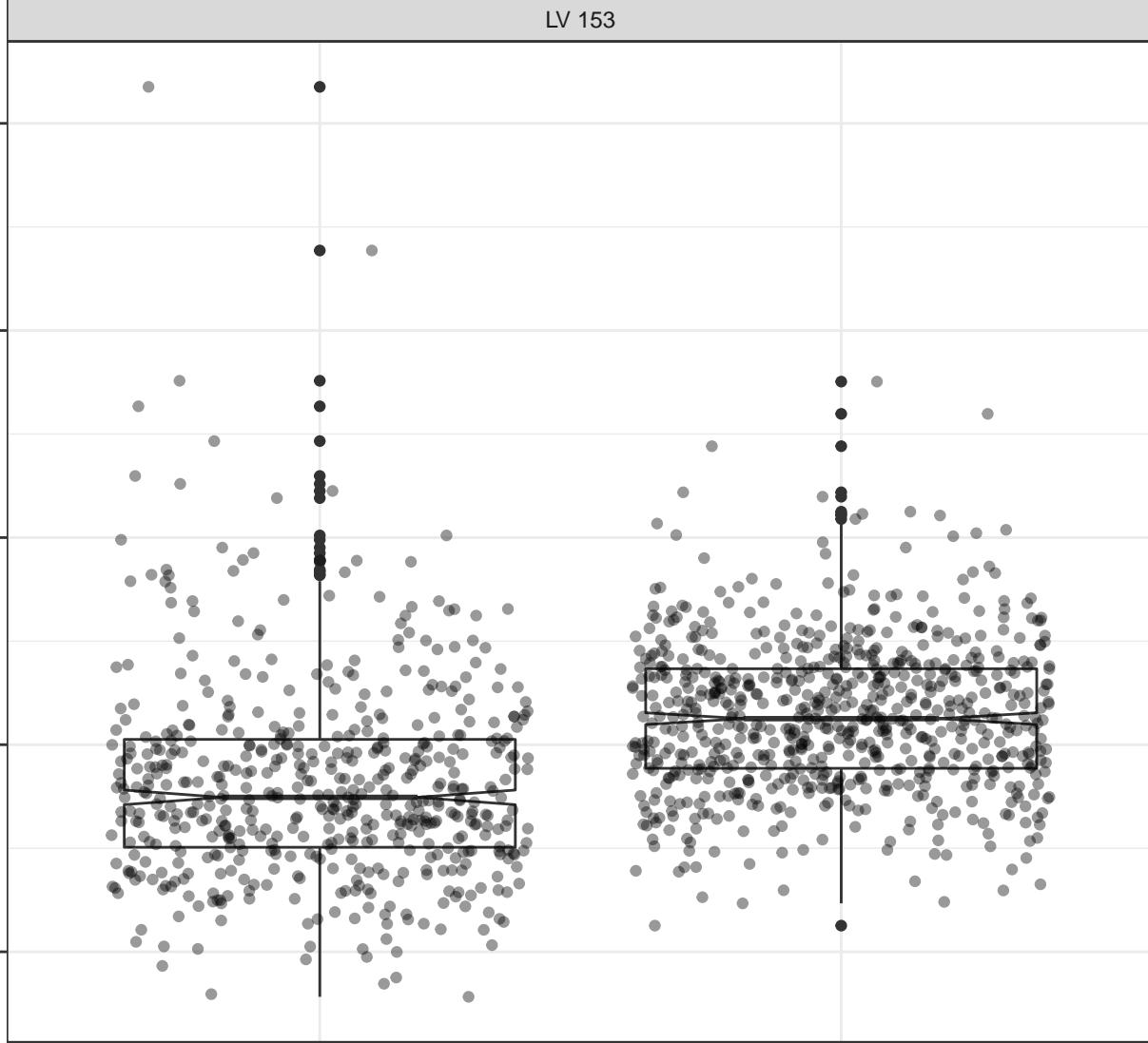
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



LV 154

Value

0.12

0.08

0.04

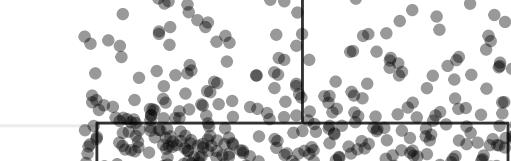
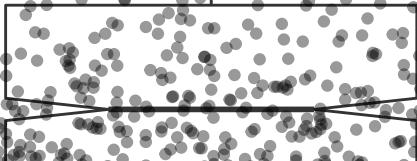
0.00

-0.04

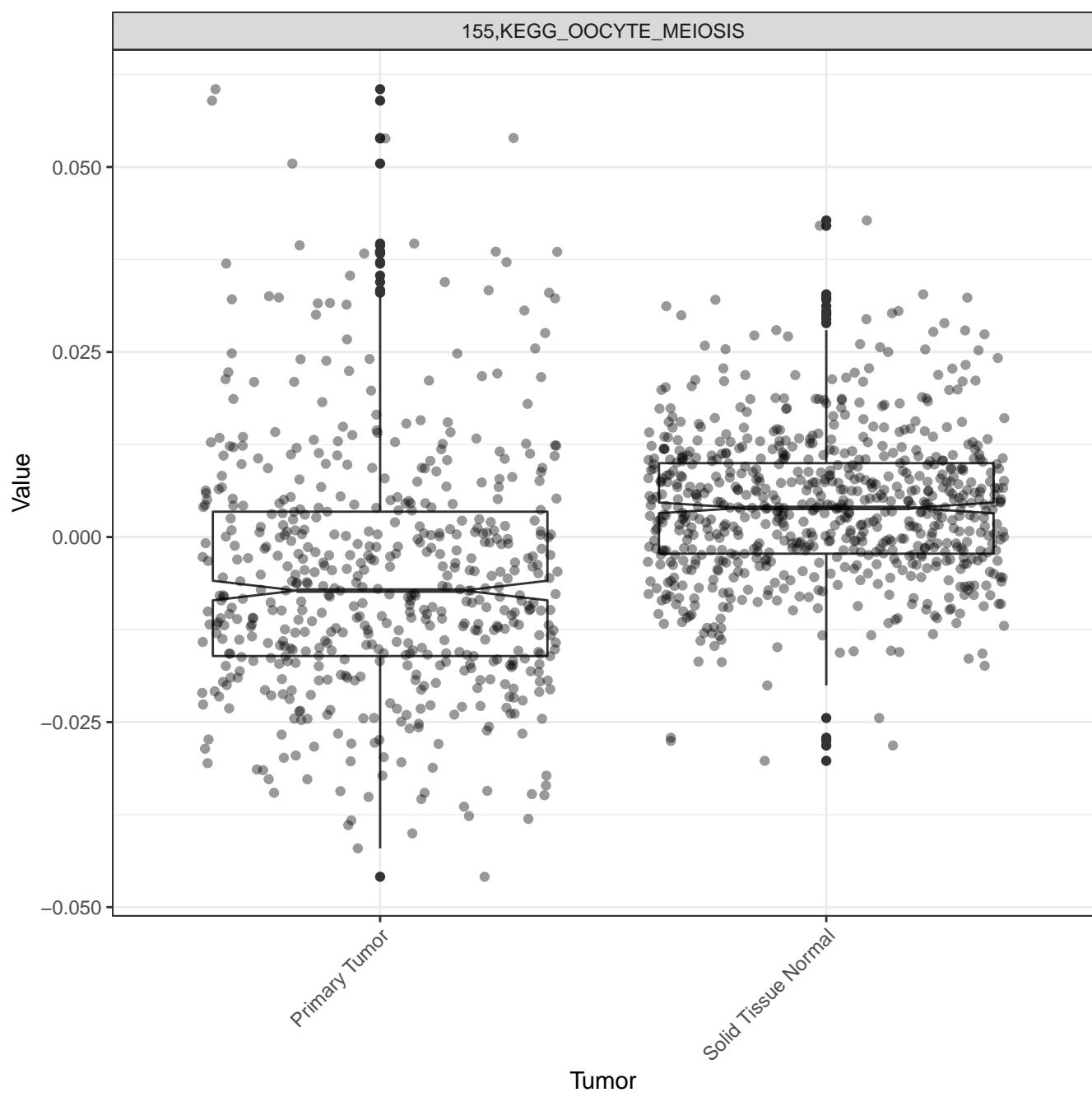
Primary Tumor

Solid Tissue Normal

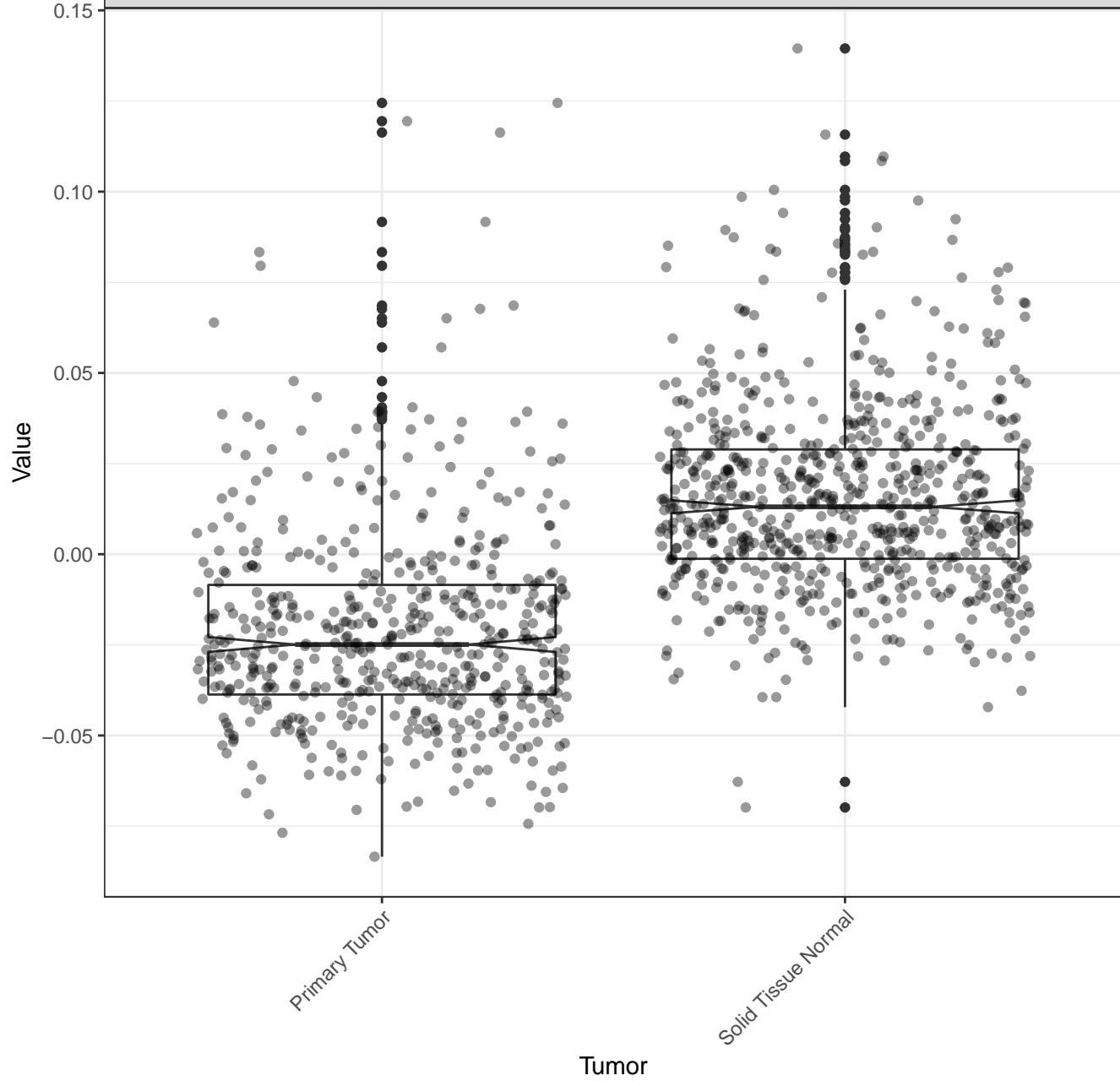
Tumor



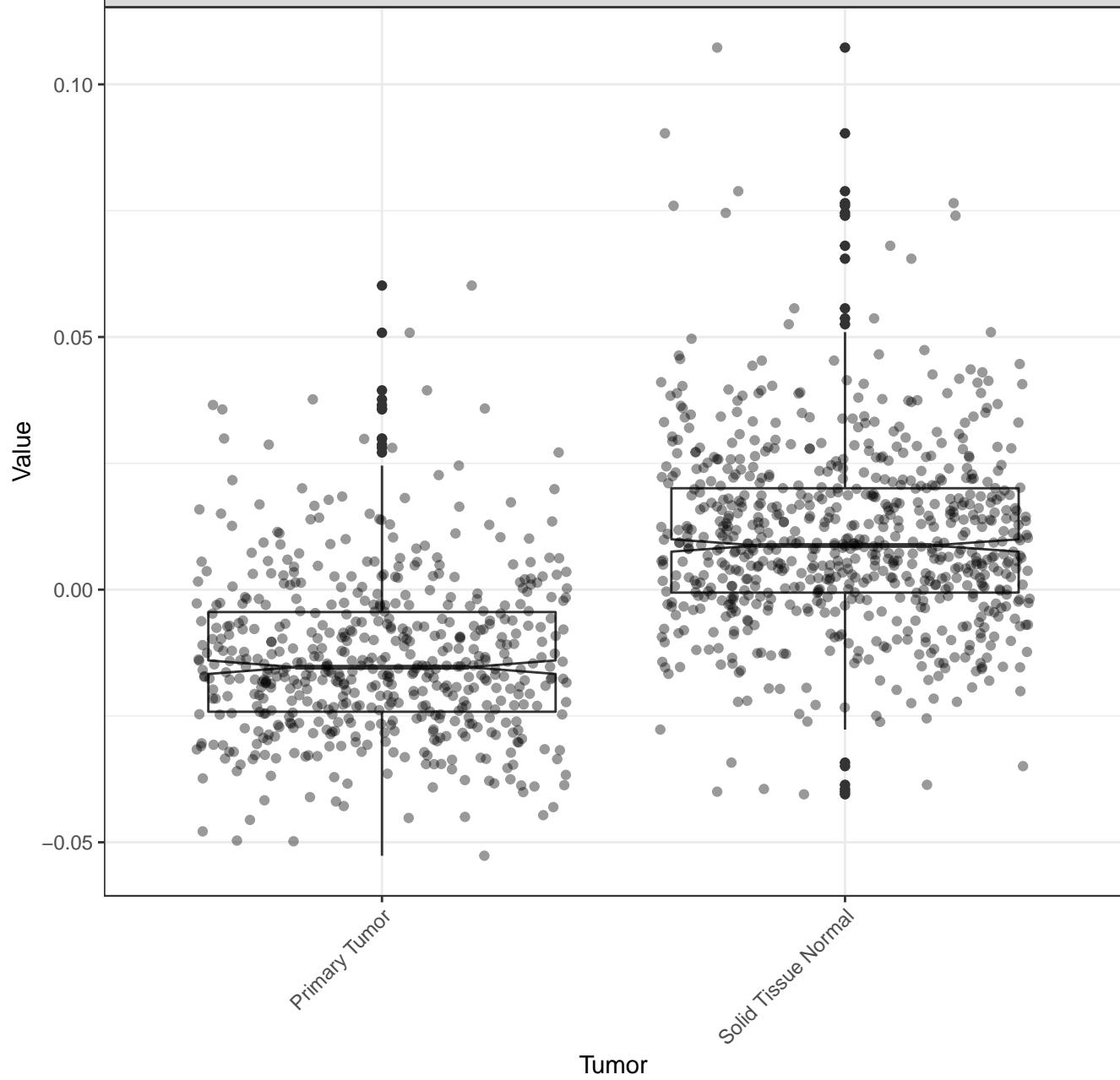
## 155,KEGG\_OOCYTE\_MEIOSIS

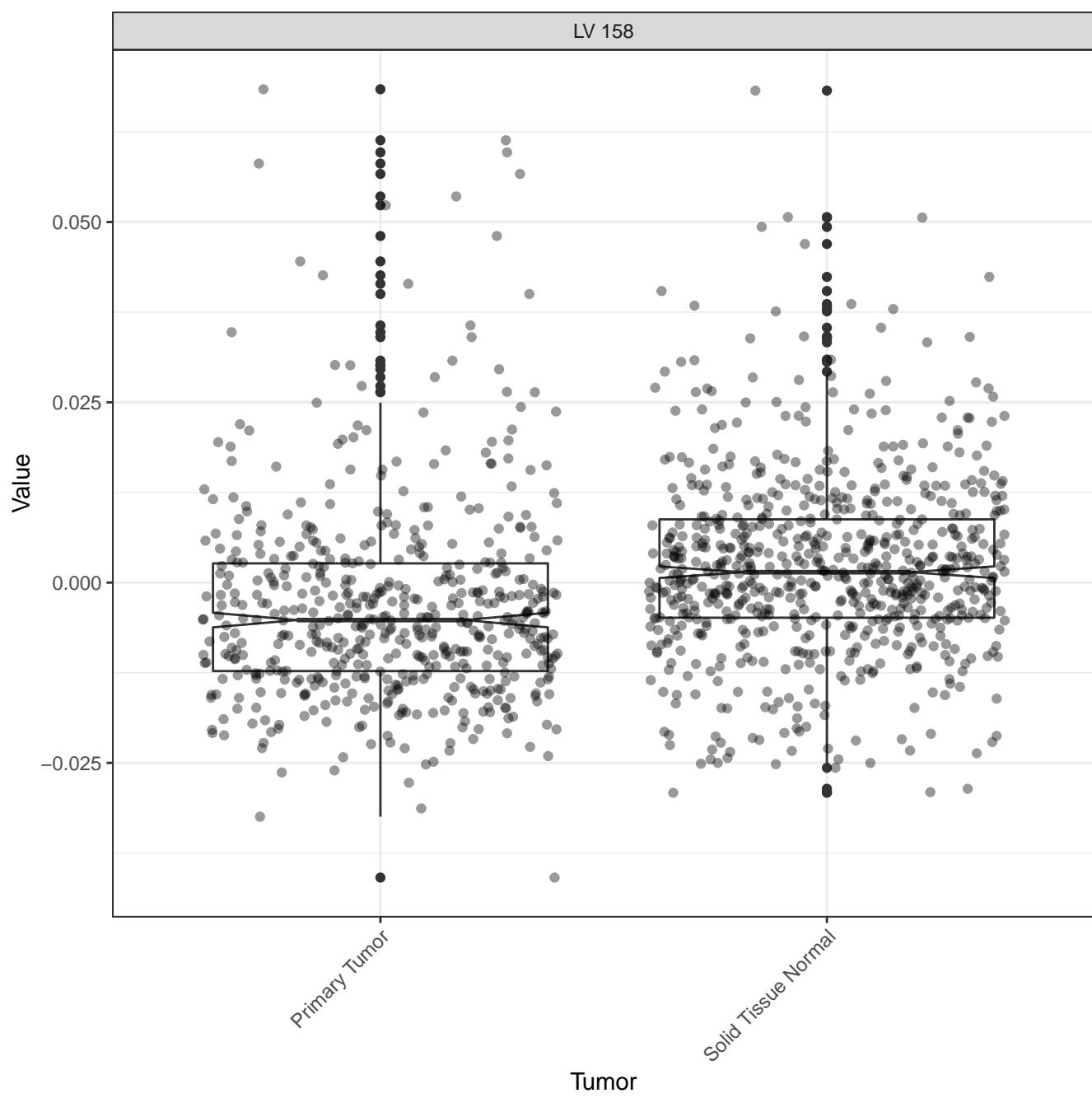


## 156,DMAP\_MONO2



## 157,PID\_HES\_HEYPATHWAY





## ME\_NEUROTRANSMITTER\_RECEPTOR\_BINDING\_AND\_DOWNSTREAM\_TRANSMISSION\_IN\_THE\_POSTSYN

Value

0.3

0.2

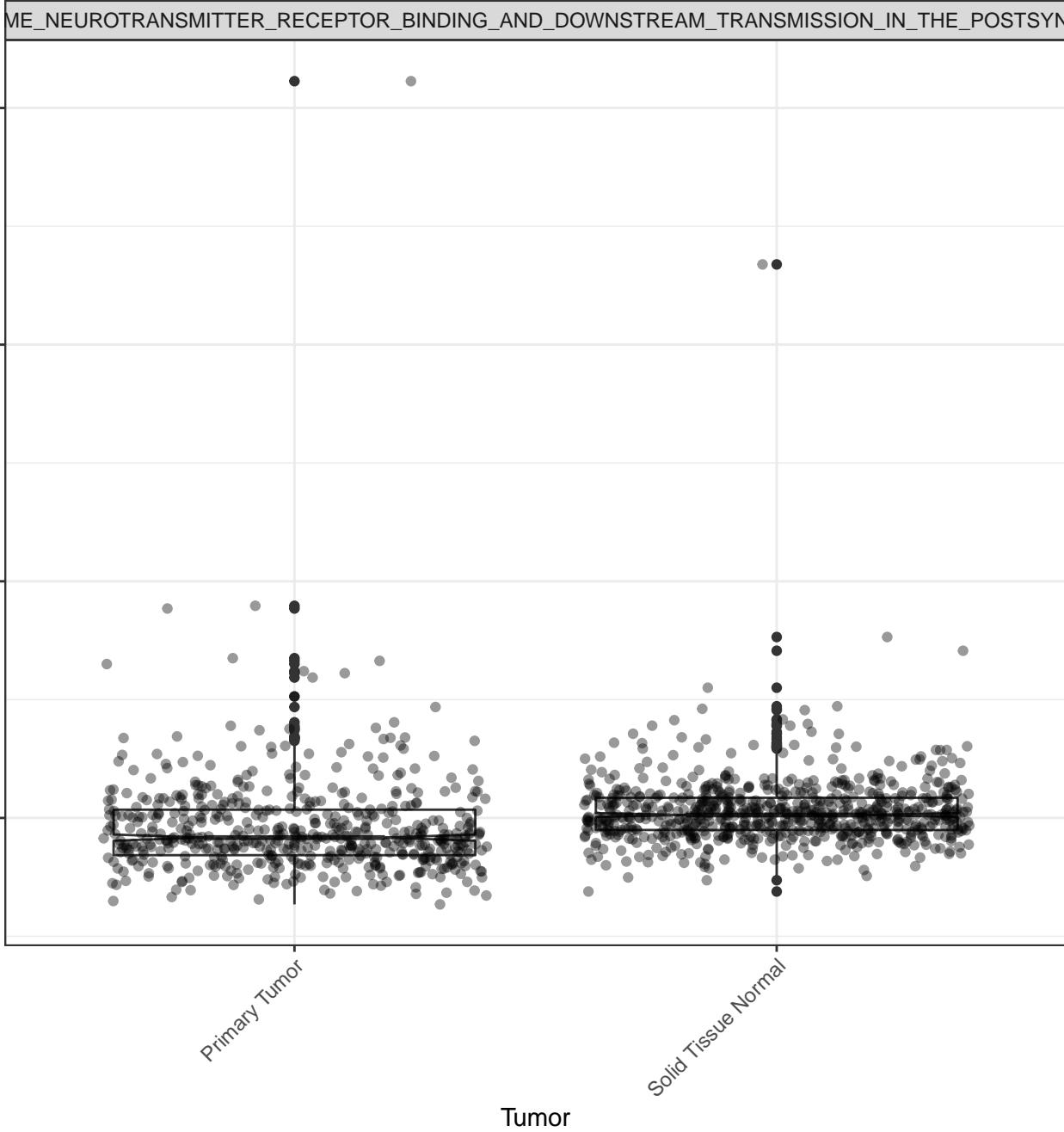
0.1

0.0

Primary Tumor

Solid Tissue Normal

Tumor



# 160,REACTOME\_GPCR\_DOWNSTREAM\_SIGNALING

Value

0.10

0.05

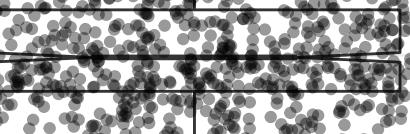
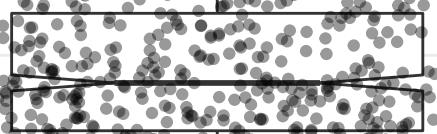
0.00

-0.05

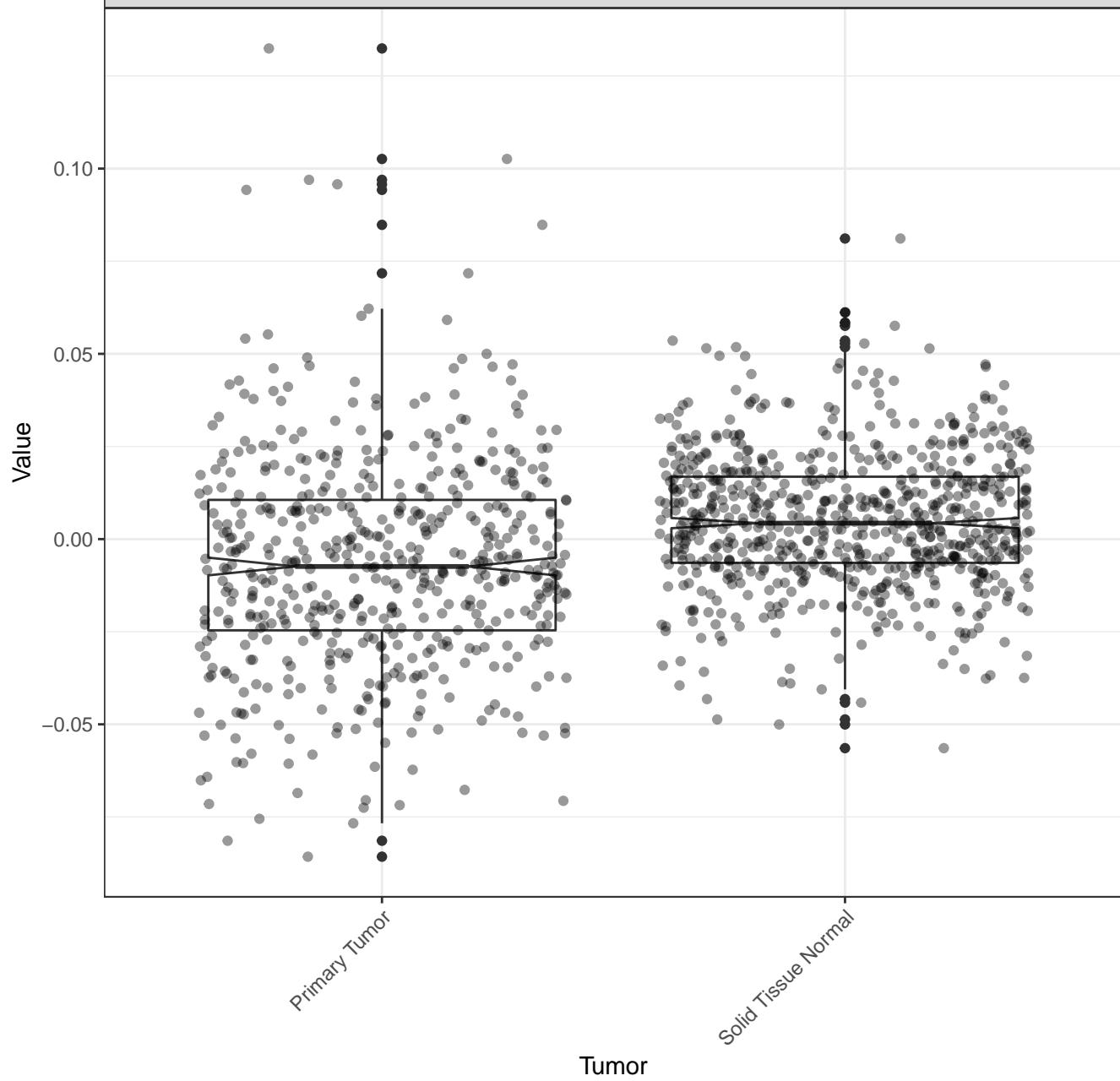
Primary Tumor

Solid Tissue Normal

Tumor



# 161,PID\_ARF6\_TRAFFICKINGPATHWAY



# 162,KEGG\_GLYCOLYSIS\_GLUCONEOGENESIS

Value

0.2

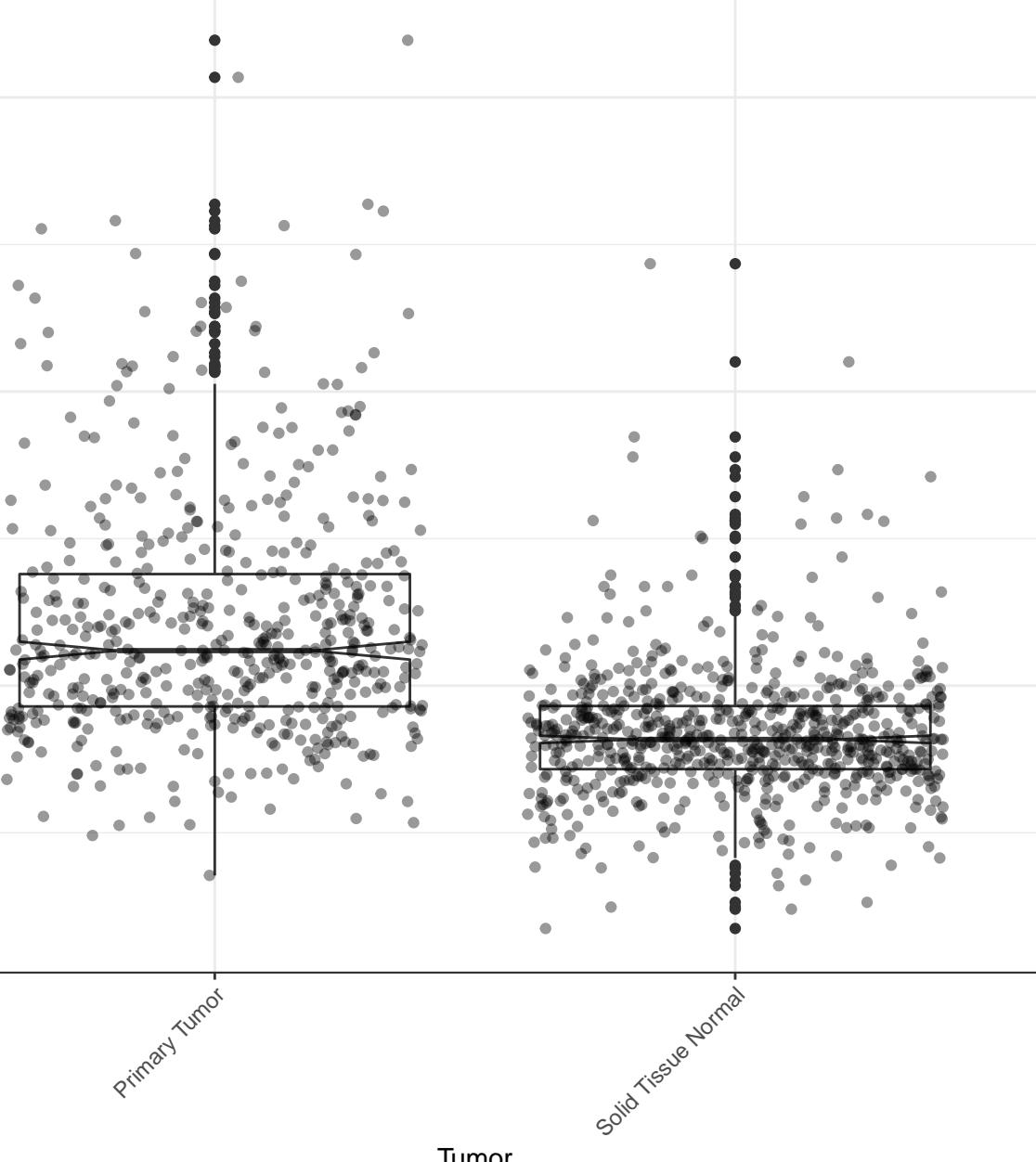
0.1

0.0

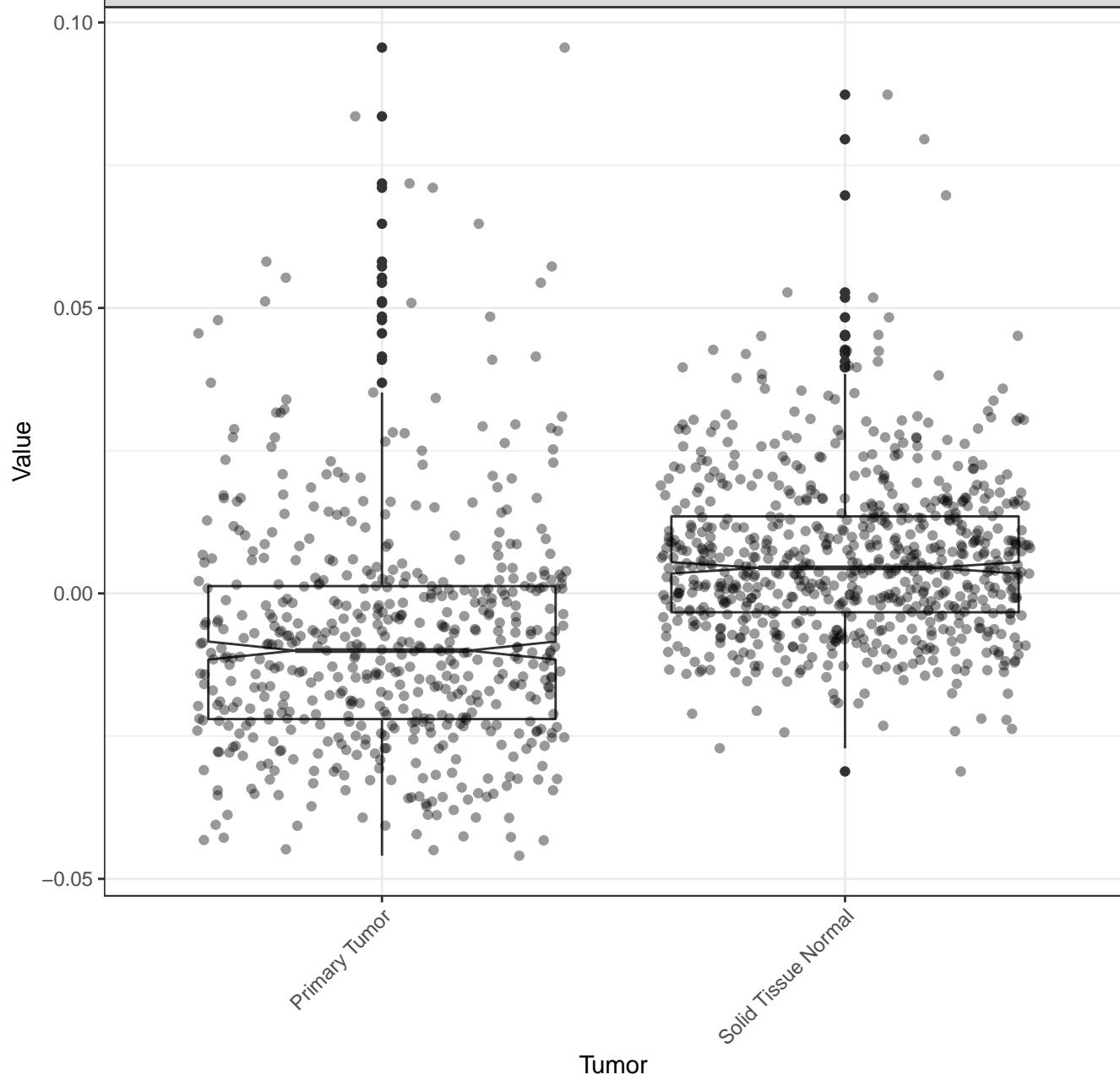
Primary Tumor

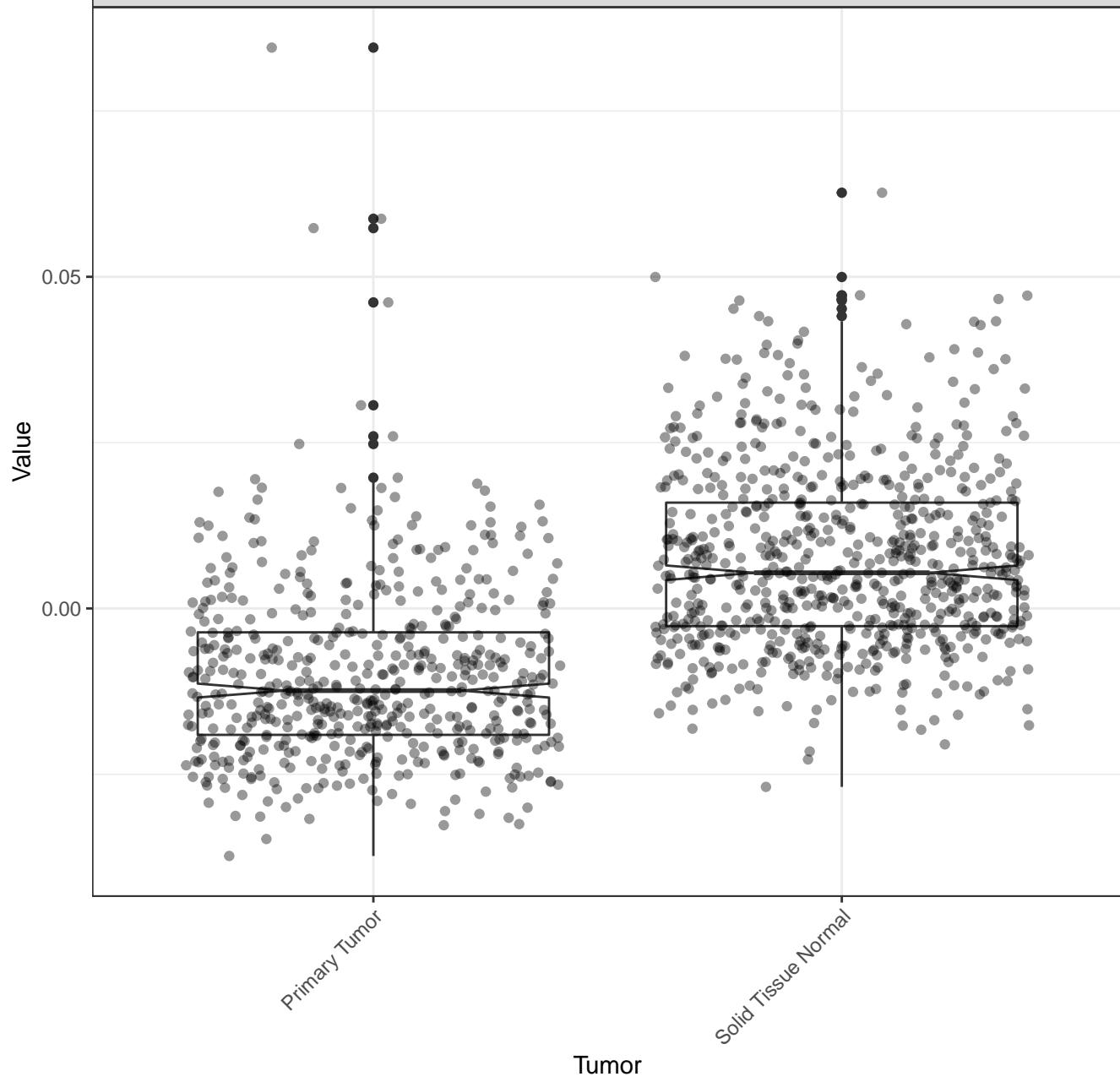
Solid Tissue Normal

Tumor



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





165,REACTOME\_PLATELET\_ACTIVATION\_SIGNALING\_AND\_AGGREGATION

Value

0.10

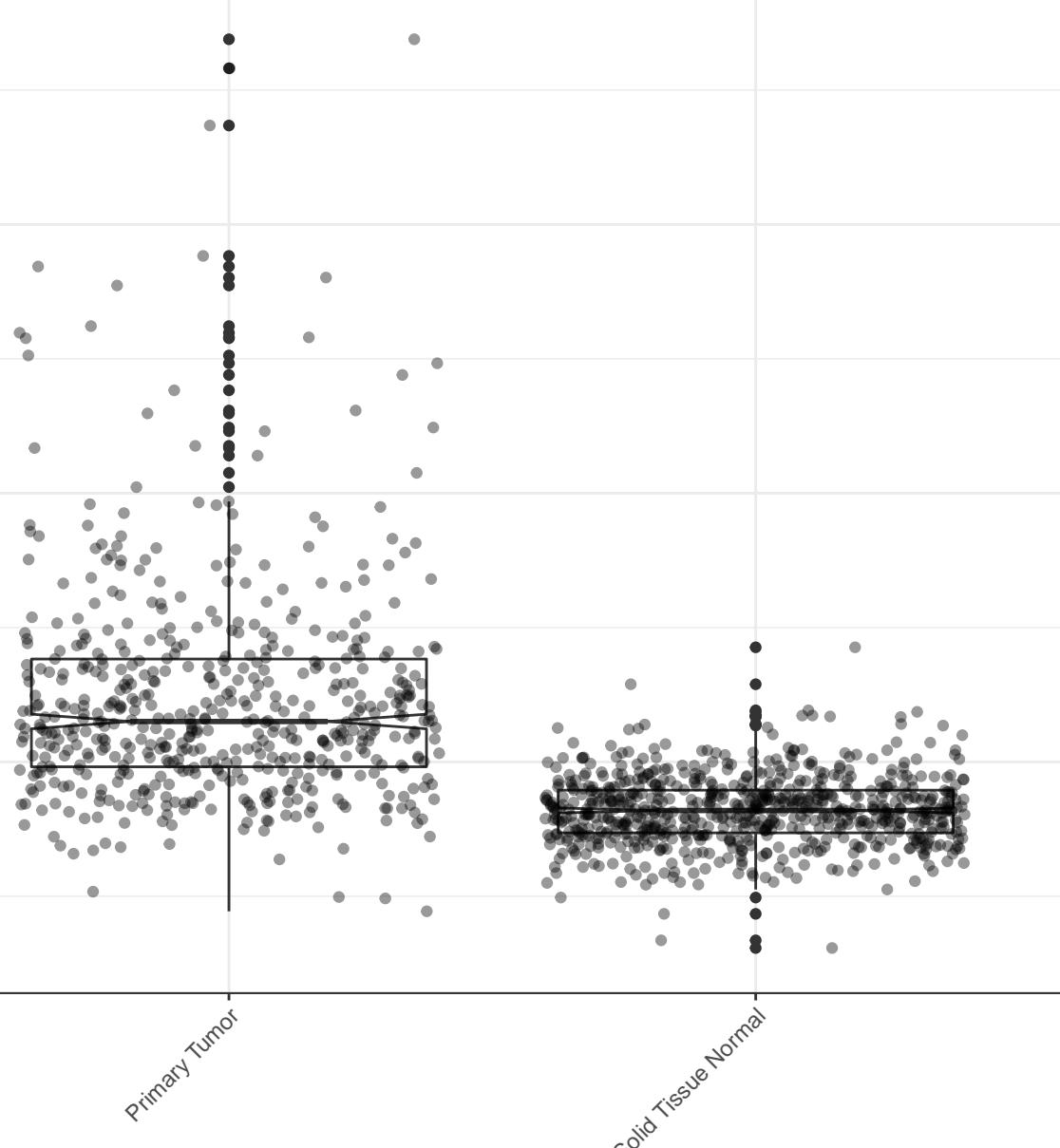
0.05

0.00

Primary Tumor

Solid Tissue Normal

Tumor



Value

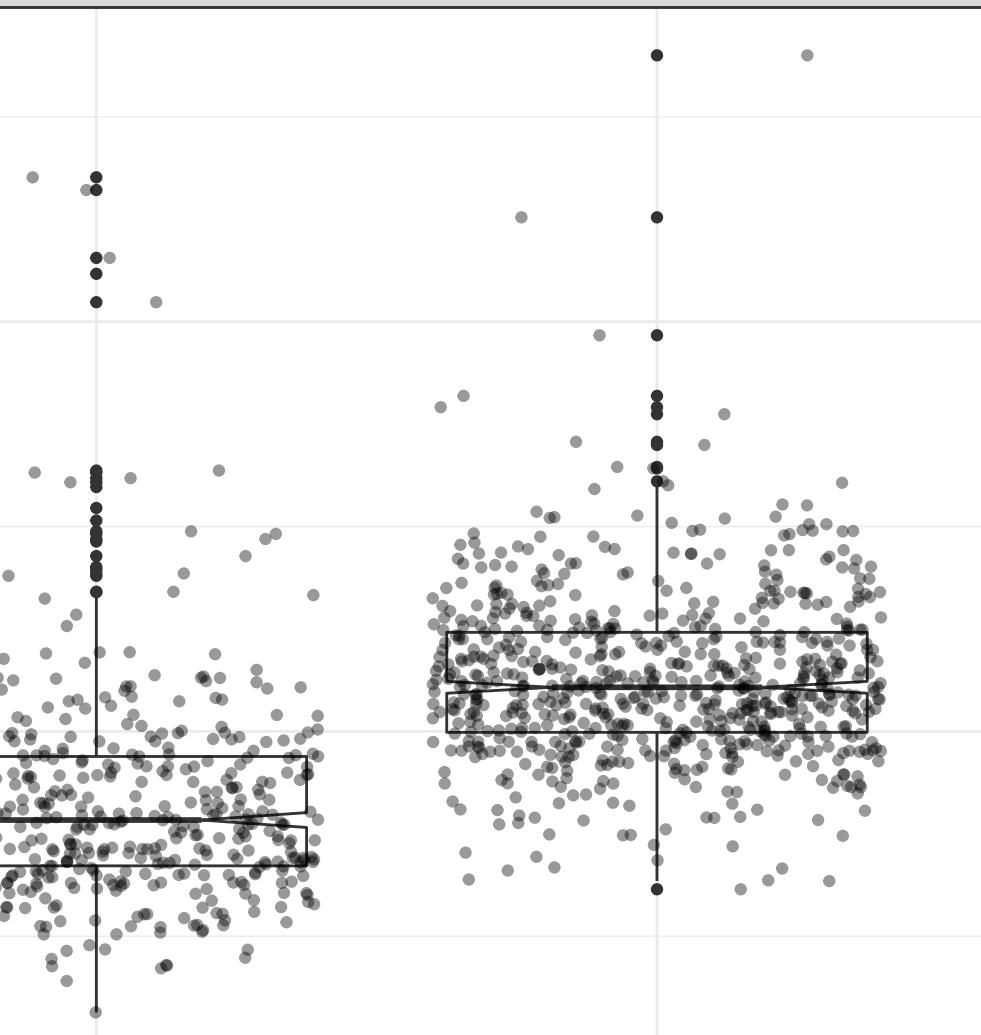
0.1

0.0

Primary Tumor

Solid Tissue Normal

Tumor



Value

0.10

0.05

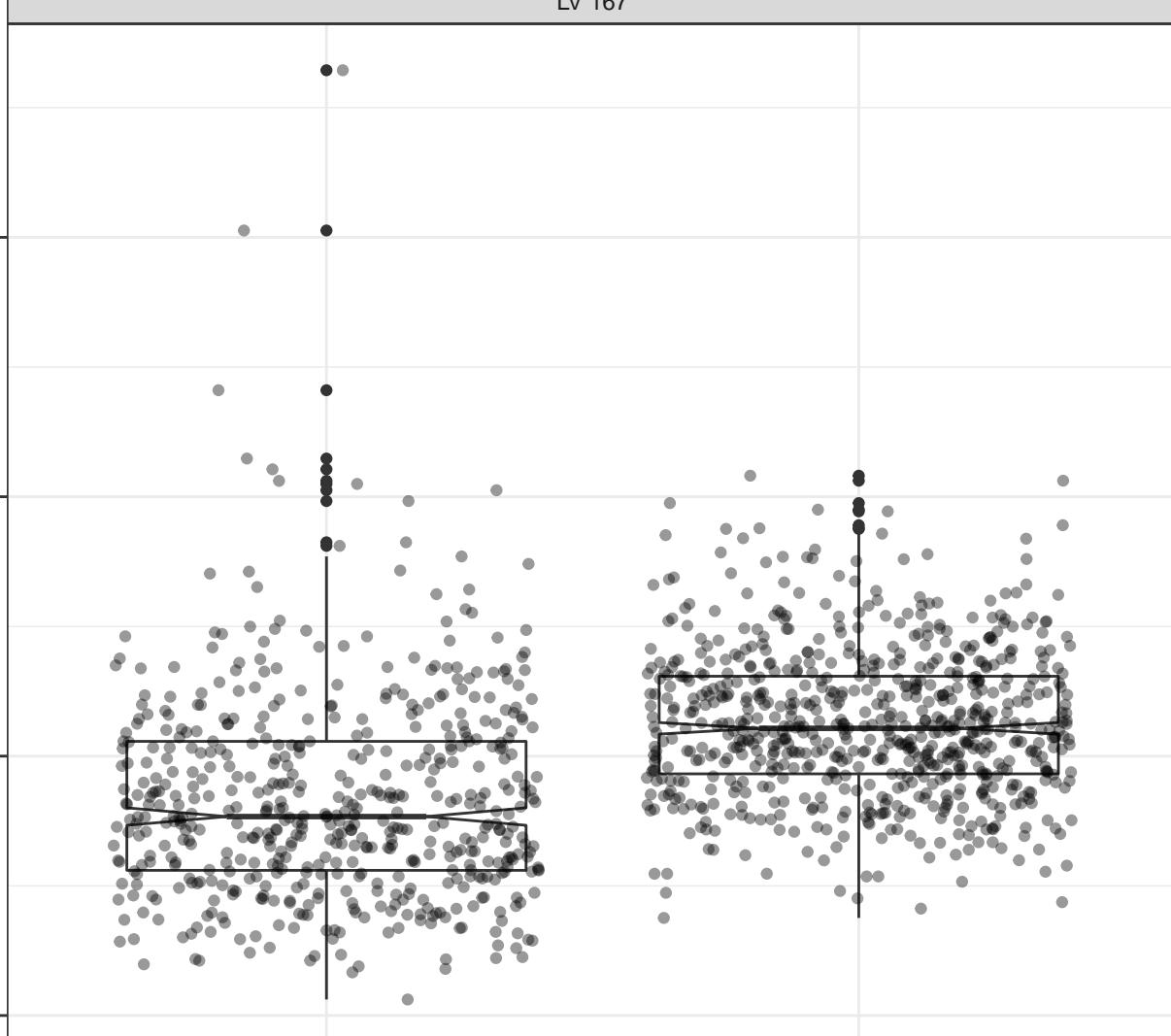
0.00

-0.05

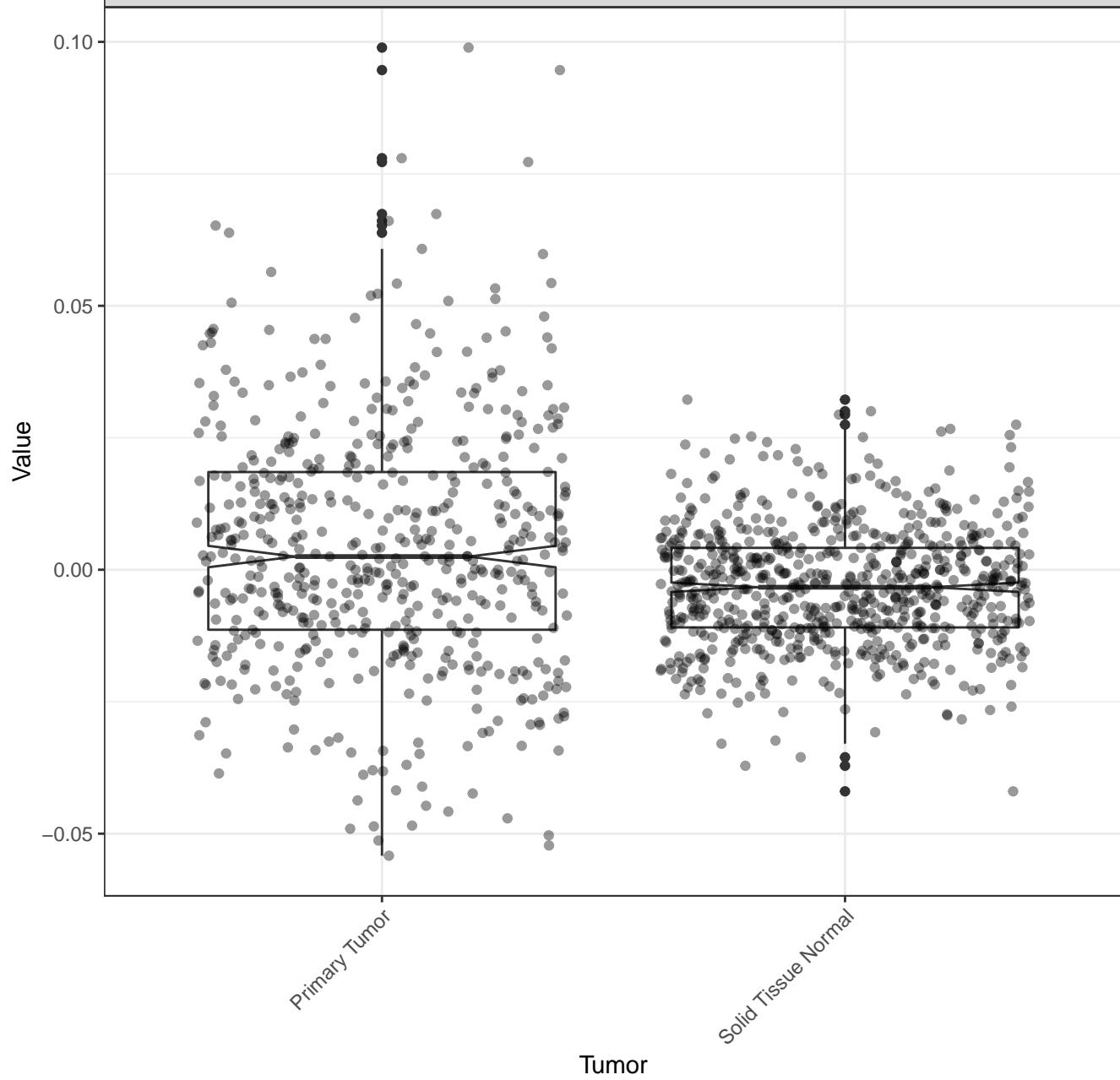
Primary Tumor

Solid Tissue Normal

Tumor



# 168,REACTOME\_MITOTIC\_G1\_G1\_S\_PHASES



## 169,IRIS\_DendriticCell–Control

Value

0.05

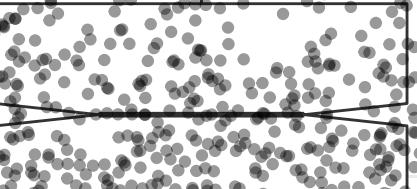
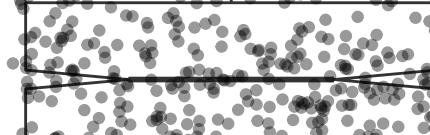
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



# 170,KEGG\_TOLL\_LIKE\_RECEPTOR\_SIGNALING\_PATHWAY

Value

0.10

0.05

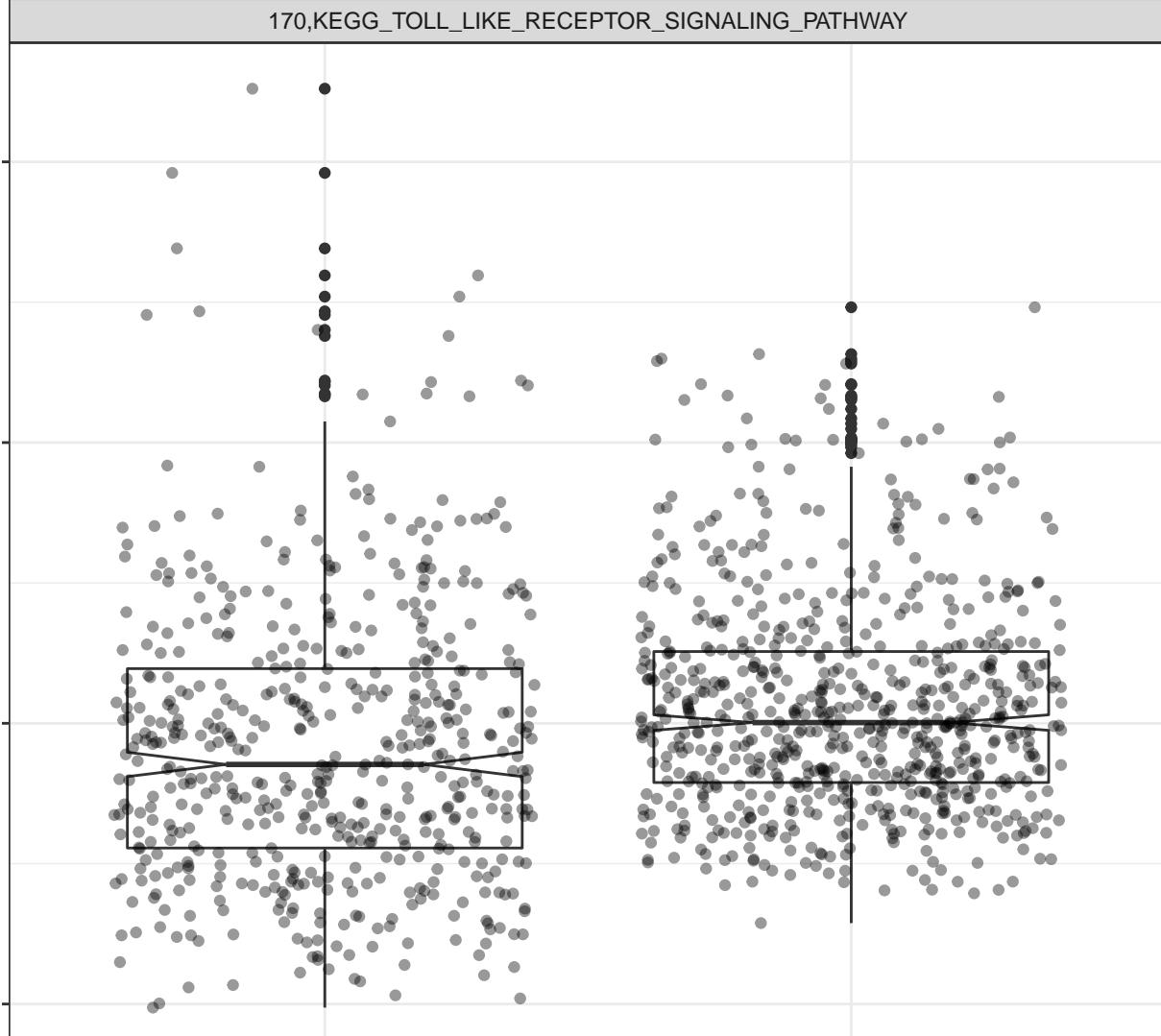
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



# 171,REACTOME\_LATE\_PHASE\_OF\_HIV\_LIFE\_CYCLE

Value

0.4

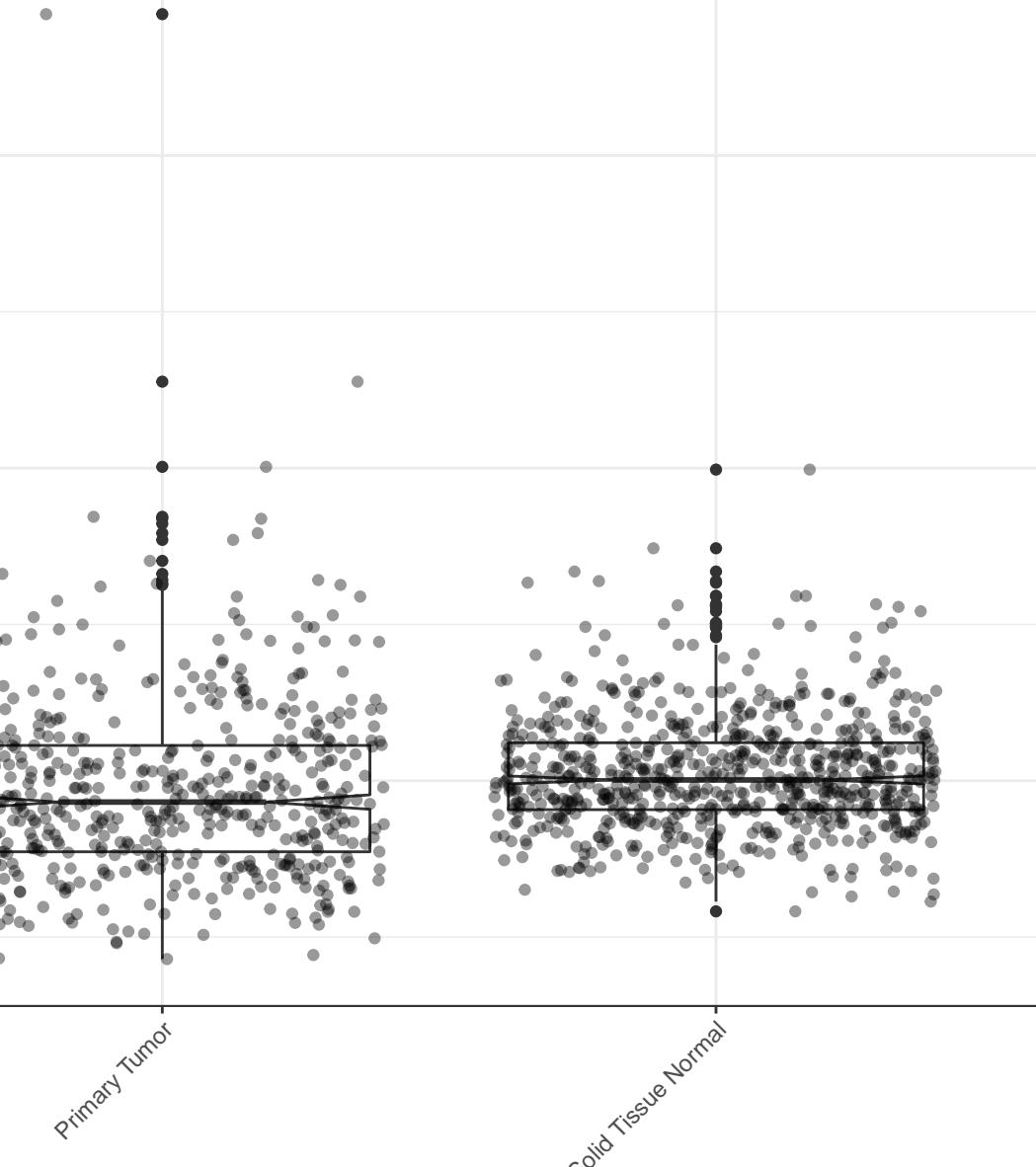
0.2

0.0

Primary Tumor

Solid Tissue Normal

Tumor



Value

0.08

0.04

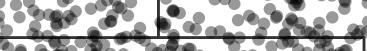
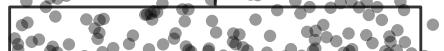
0.00

-0.04

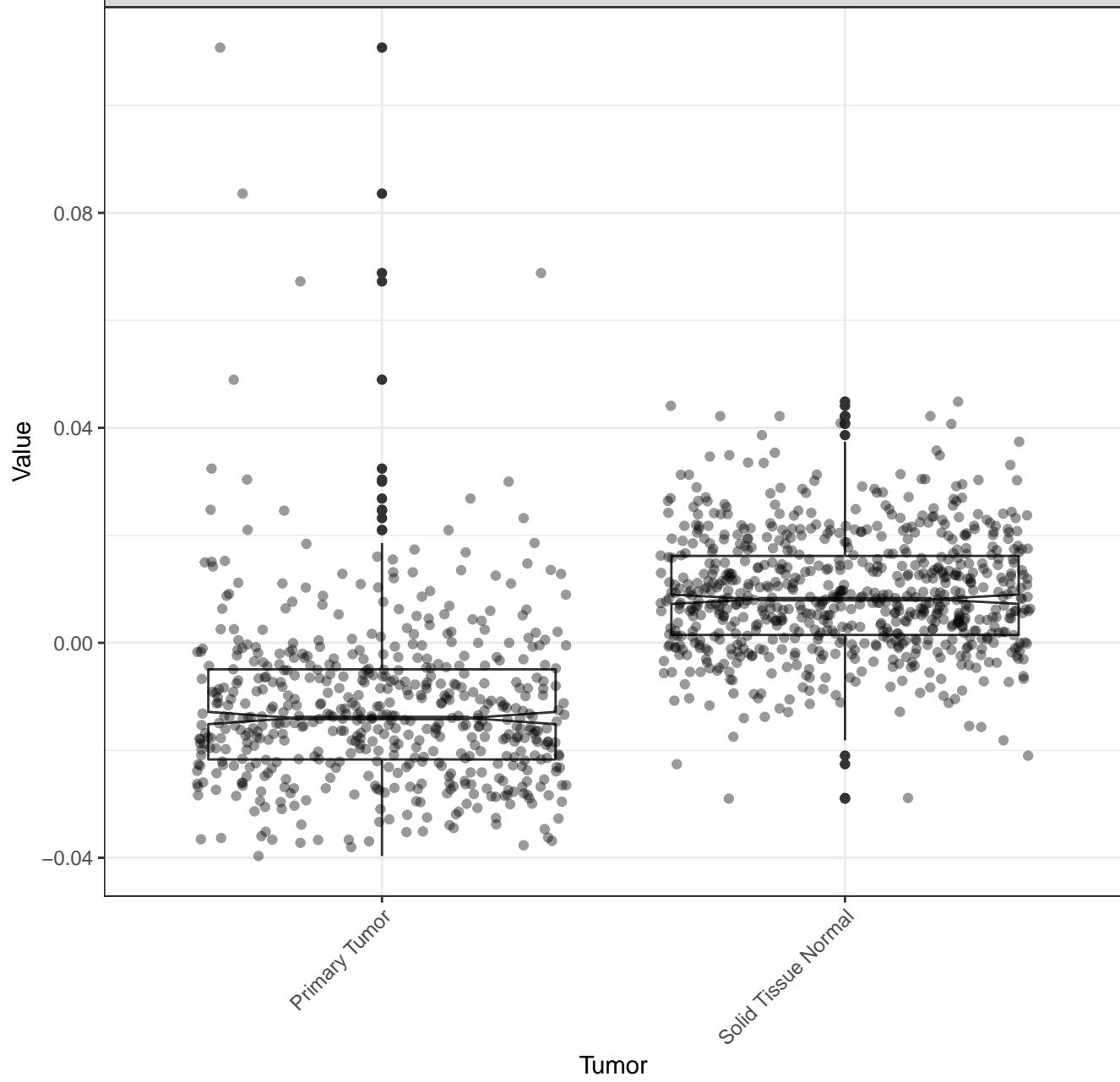
Primary Tumor

Solid Tissue Normal

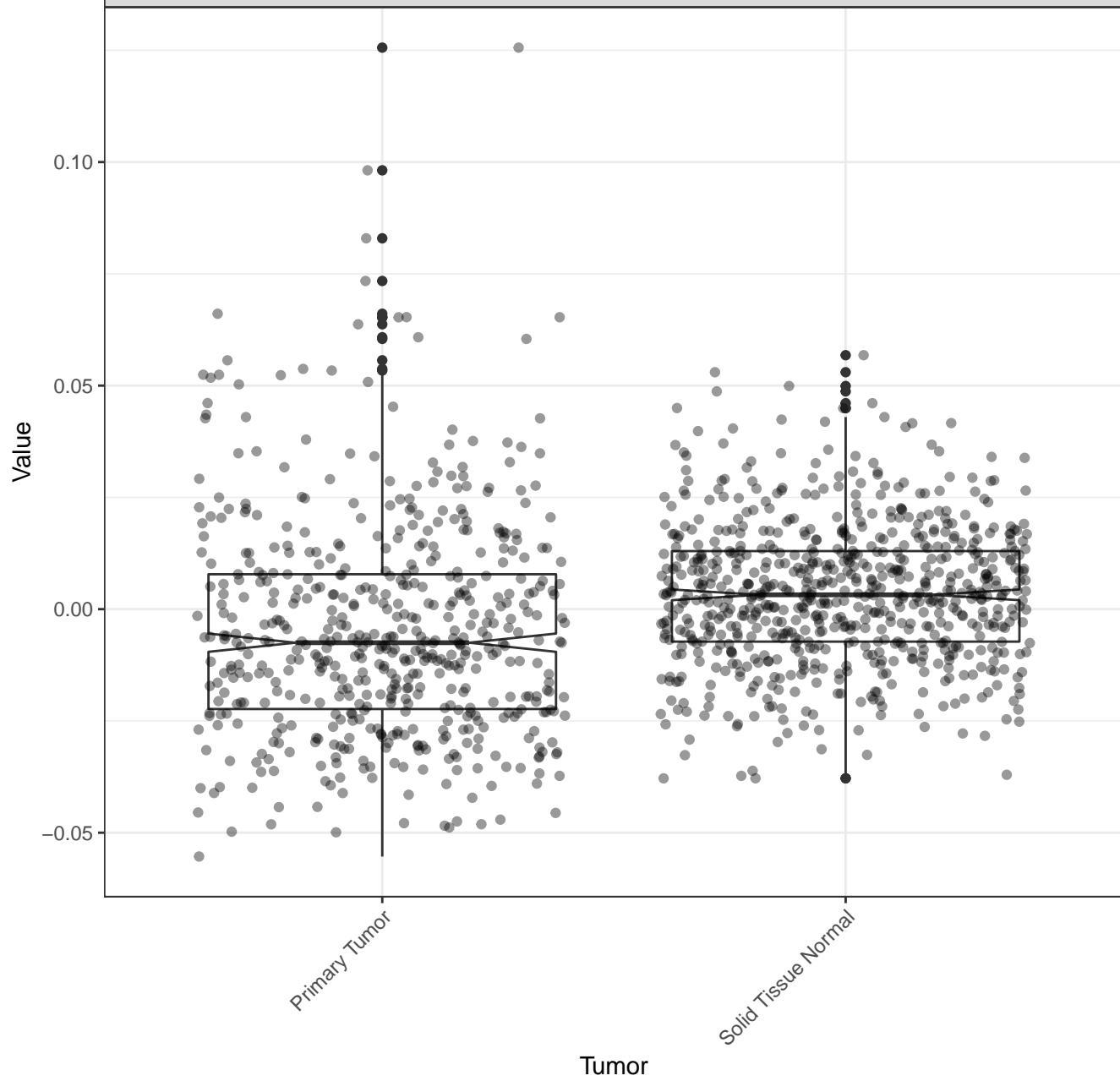
Tumor



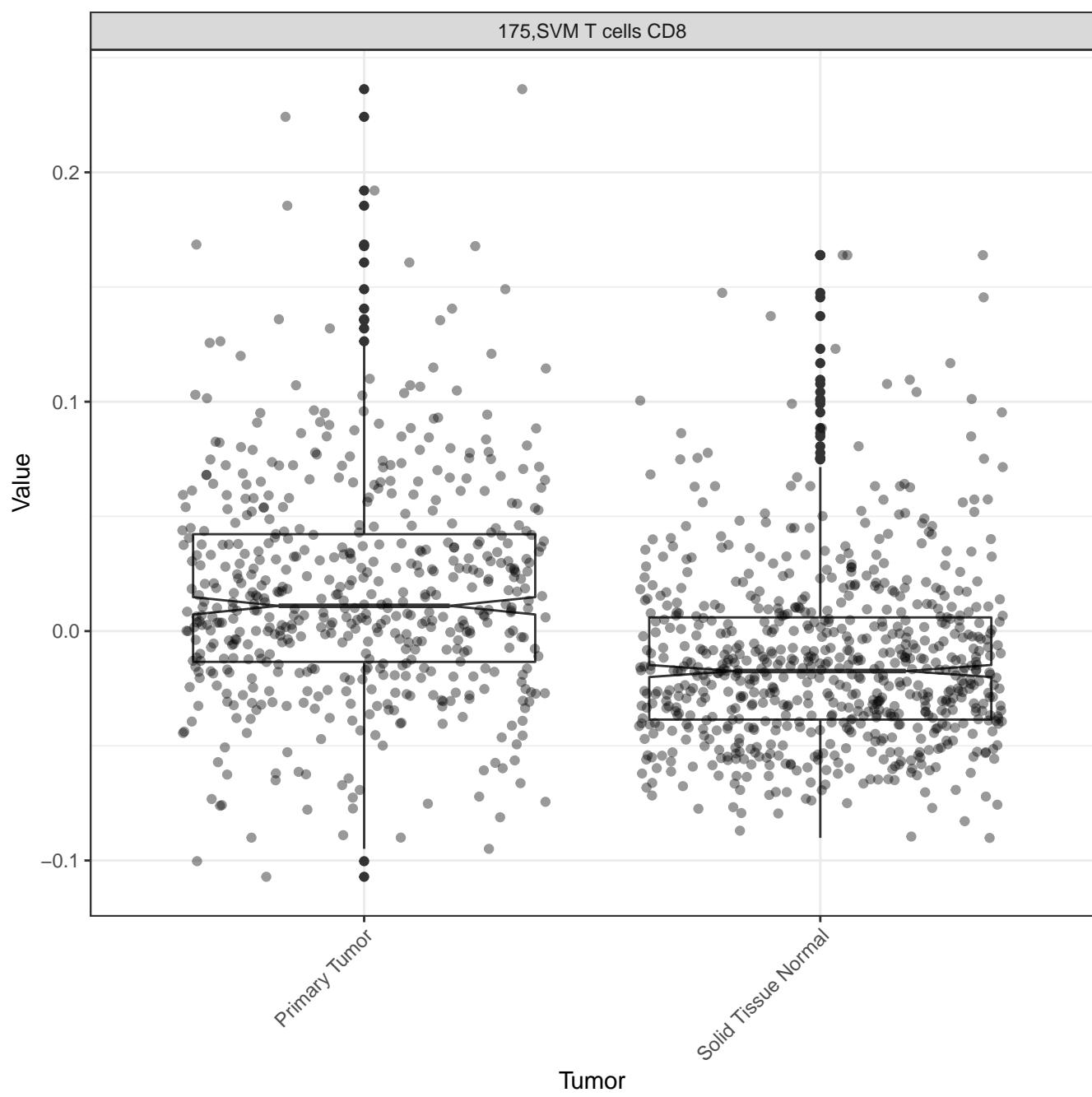
LV 173



# 174,REACTOME\_TRANSMEMBRANE\_TRANSPORT\_OF\_SMALL\_MOLECULES



# 175,SVM T cells CD8



# 176,KEGG\_UBIQUITIN\_MEDiated\_PROTEOLYSIS

Value

0.2

0.1

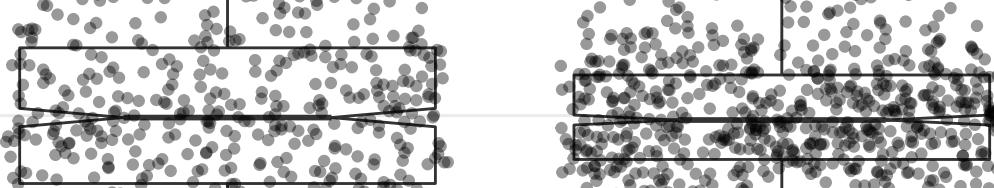
0.0

-0.1

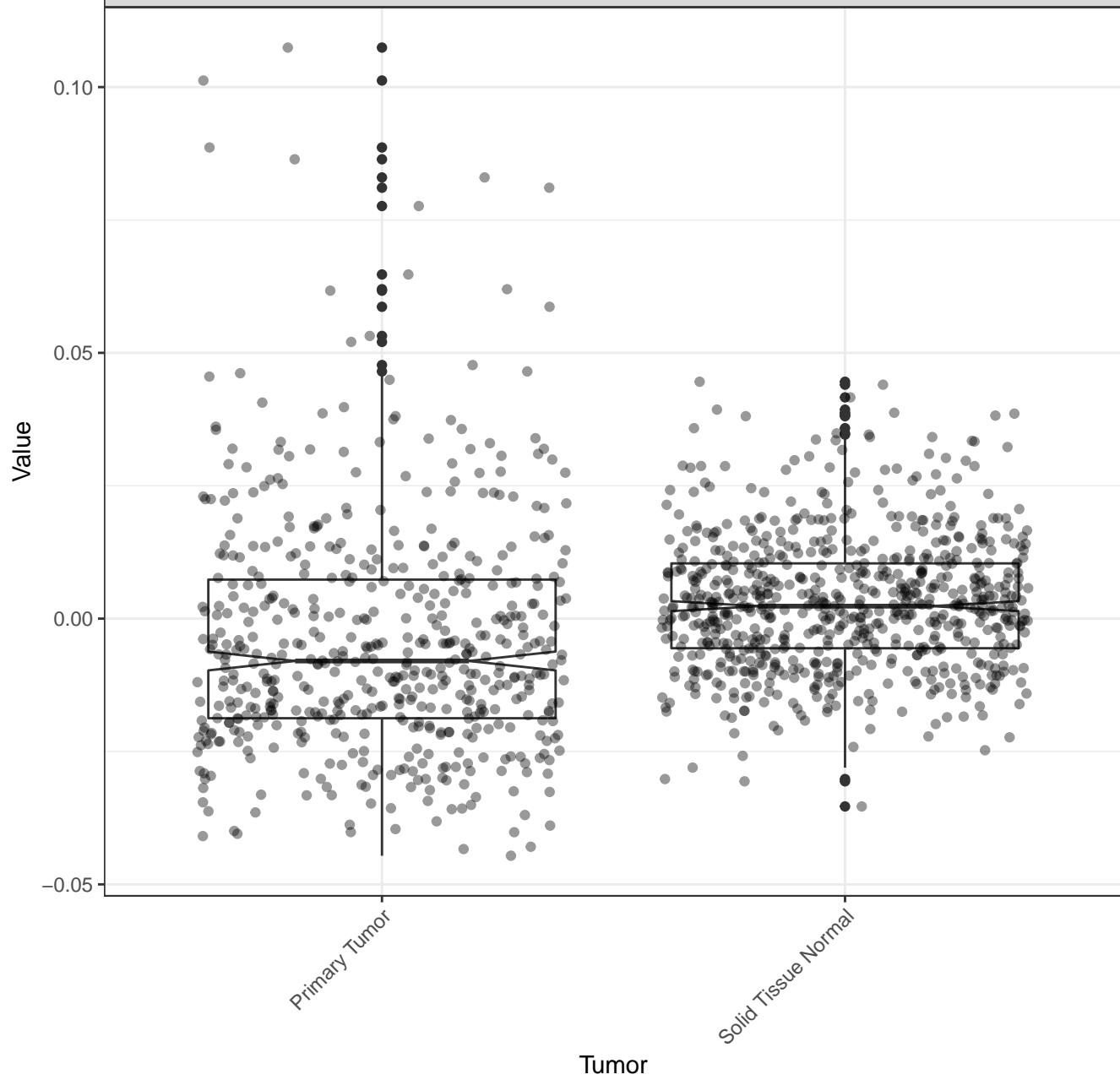
Primary Tumor

Solid Tissue Normal

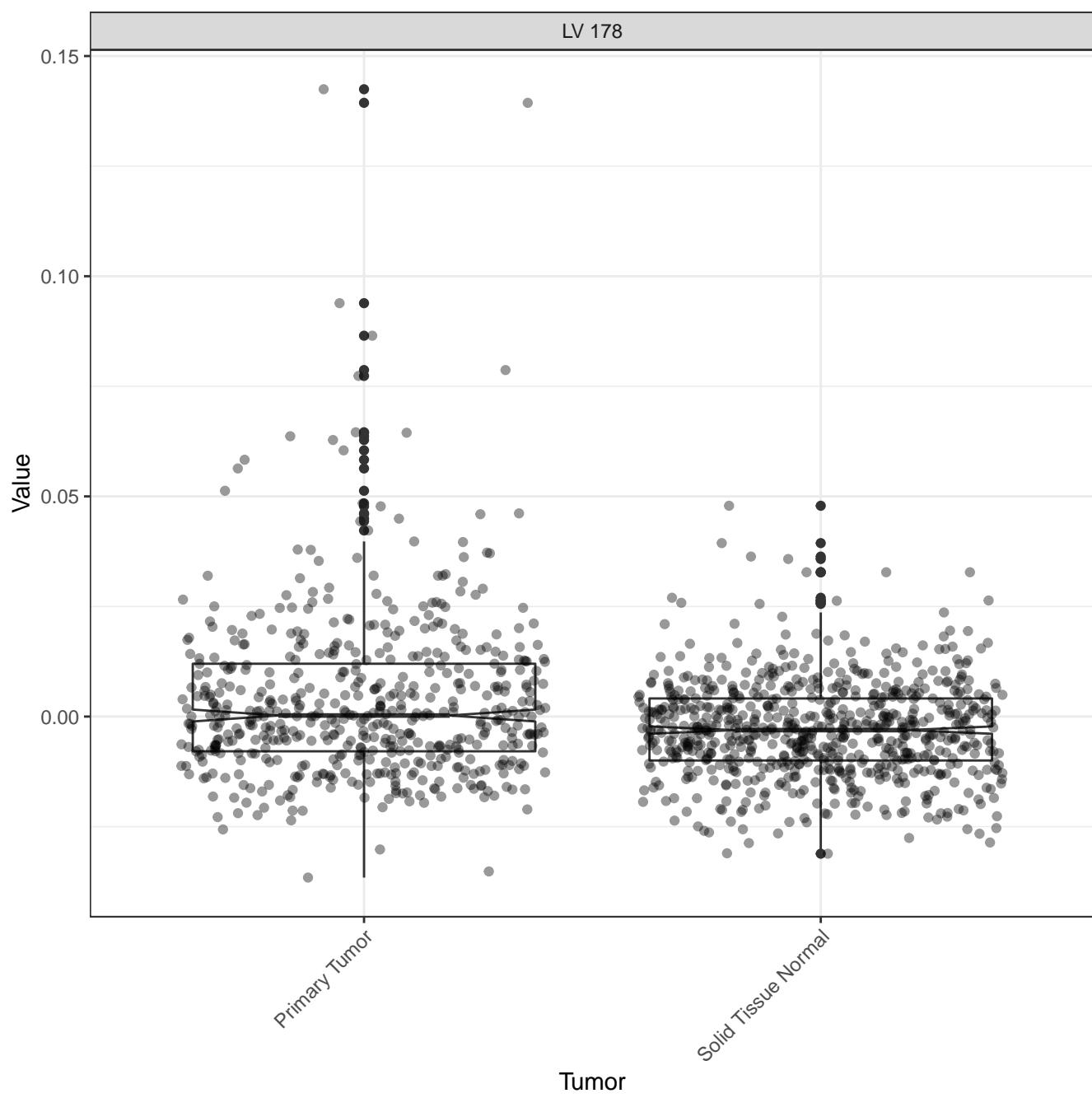
Tumor



## 177,PID\_CDC42\_PATHWAY



LV 178



LV 179

Value

0.10

0.05

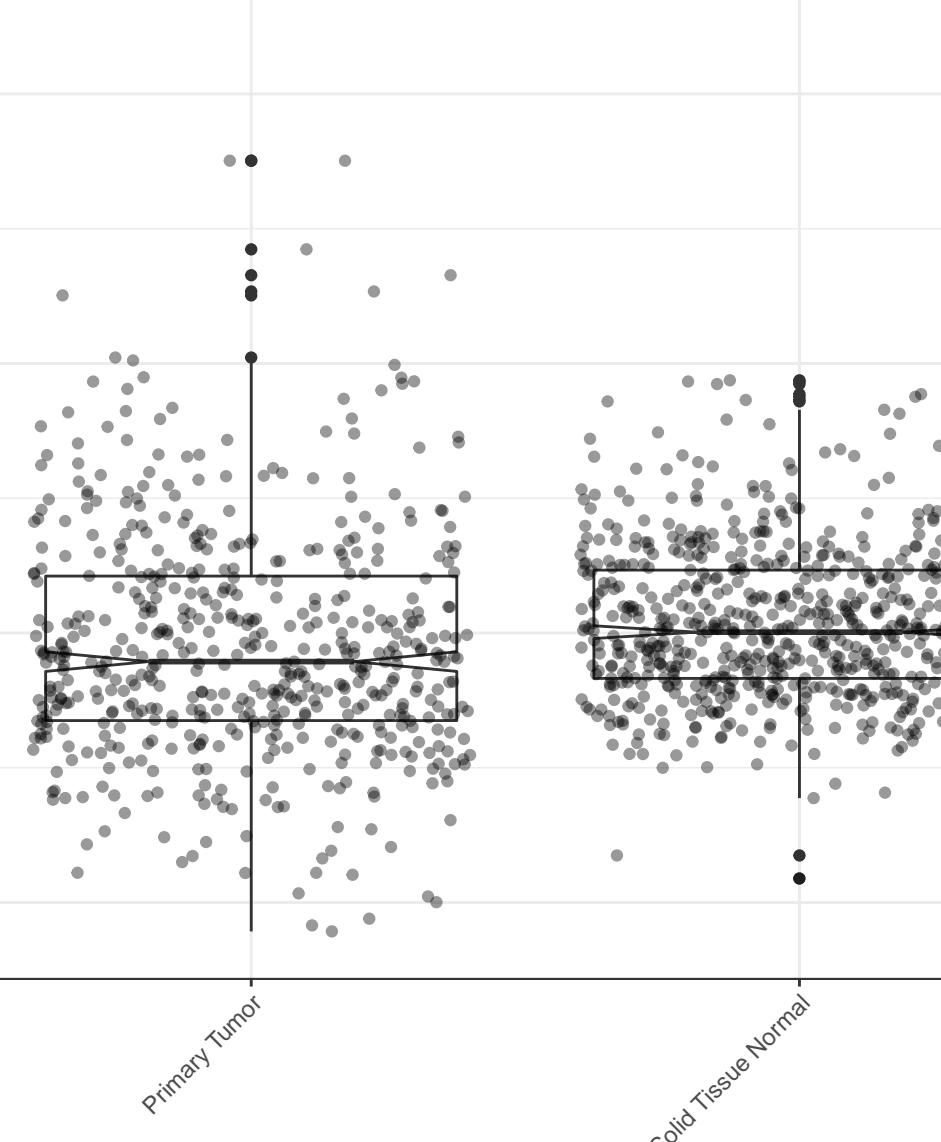
0.00

-0.05

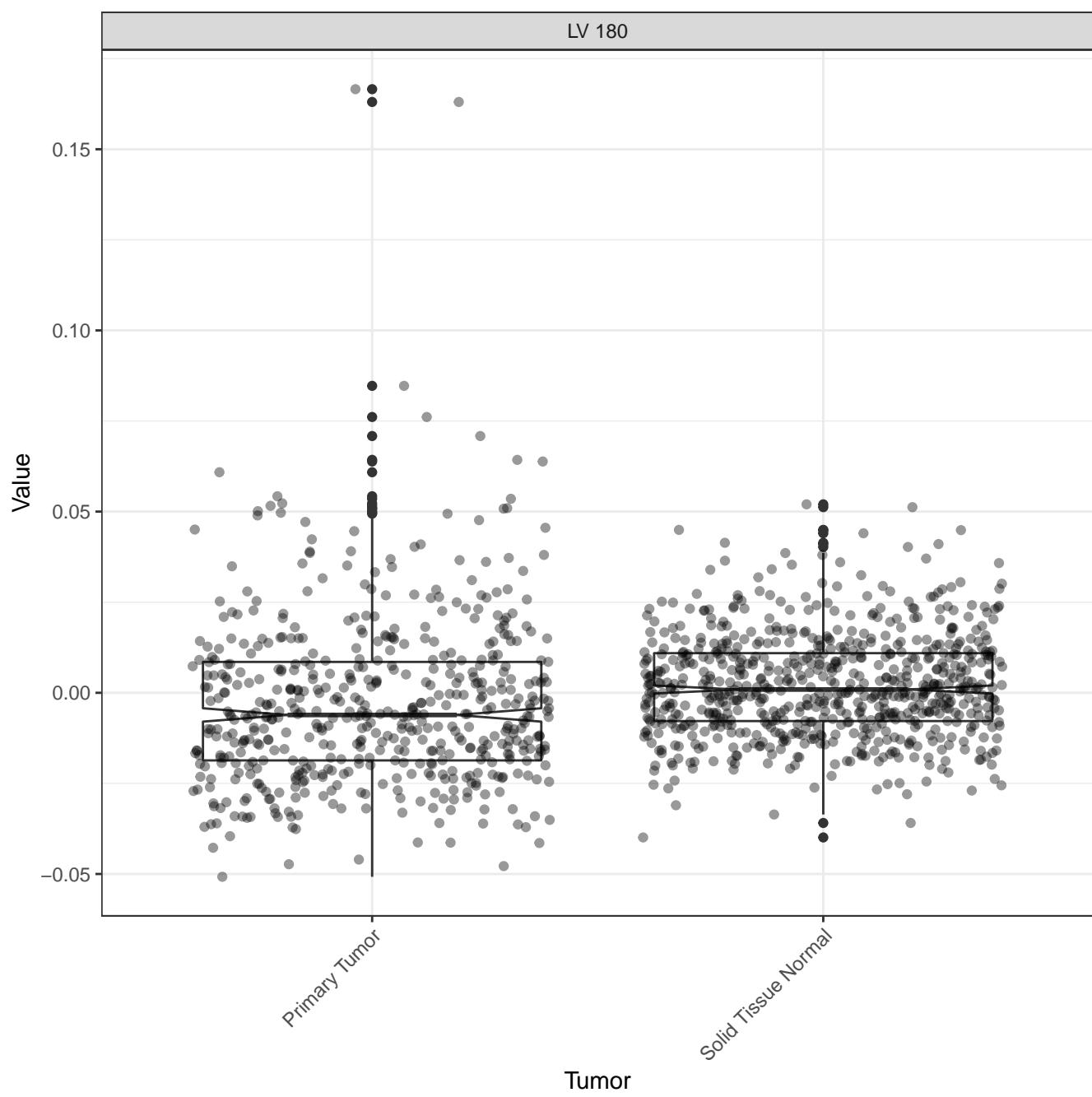
Primary Tumor

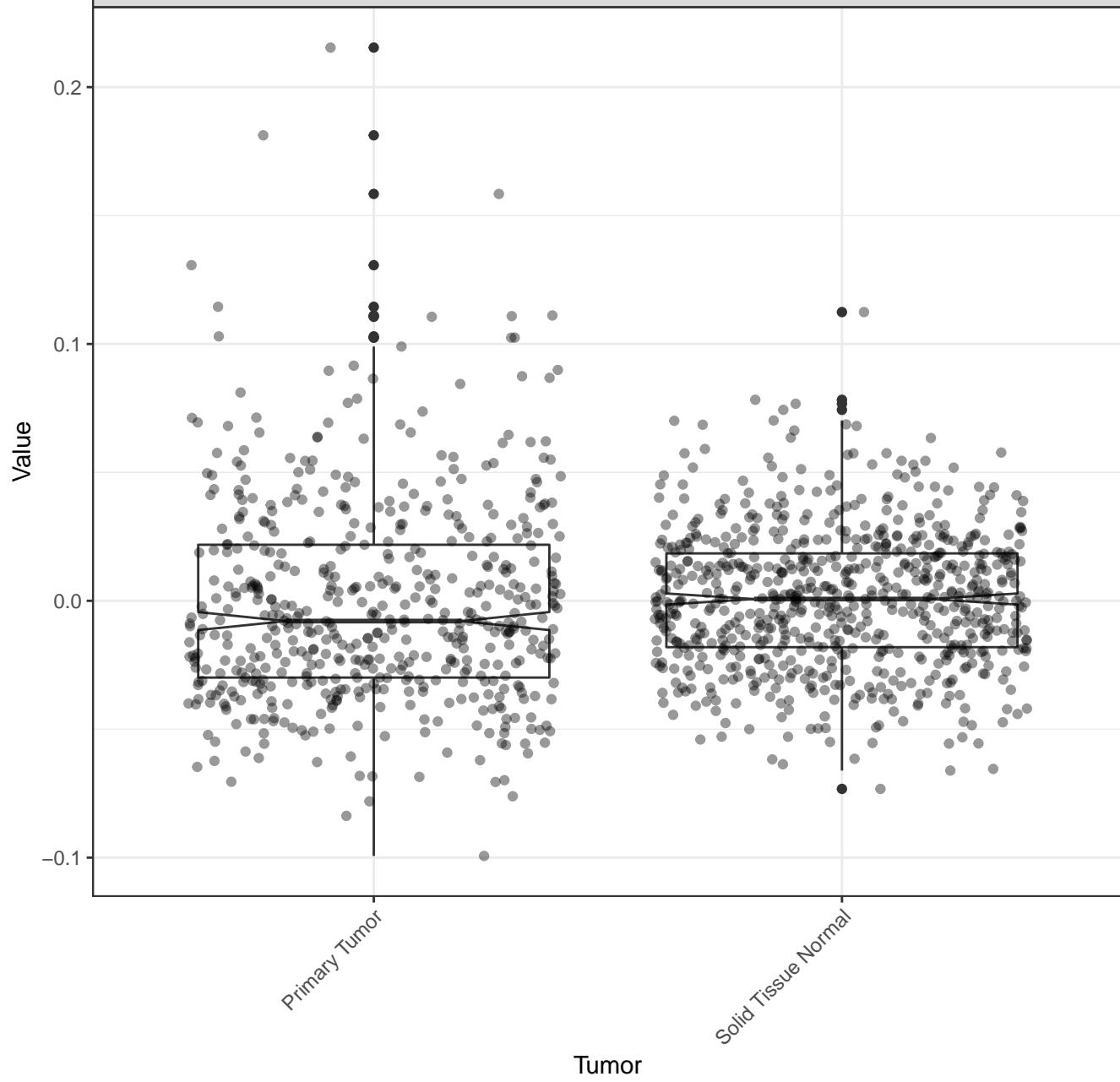
Solid Tissue Normal

Tumor



LV 180





Value

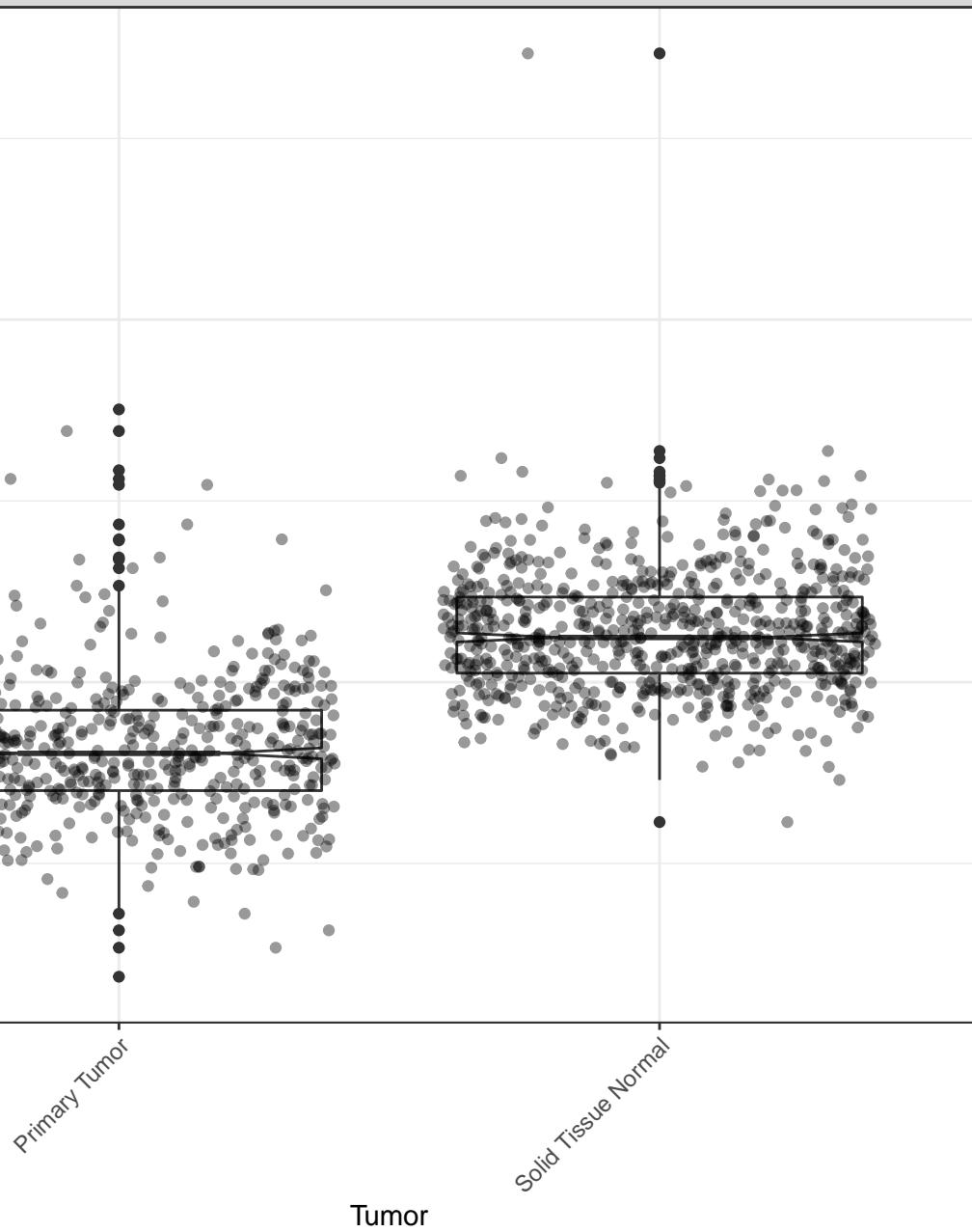
0.1

0.0

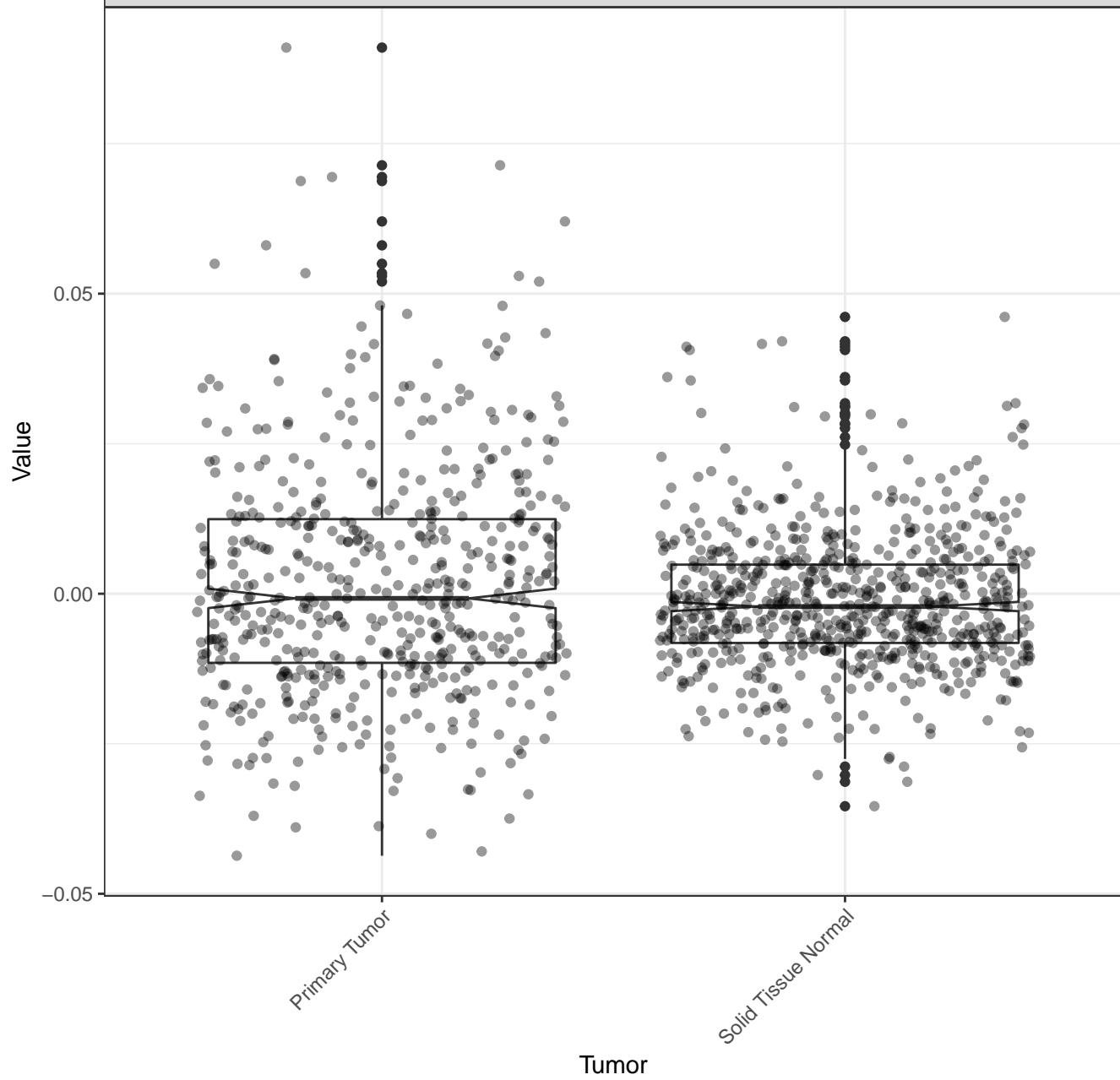
Primary Tumor

Solid Tissue Normal

Tumor



## 183,IRIS\_DendriticCell-LPSstimulated



LV 184

Value

0.15

0.10

0.05

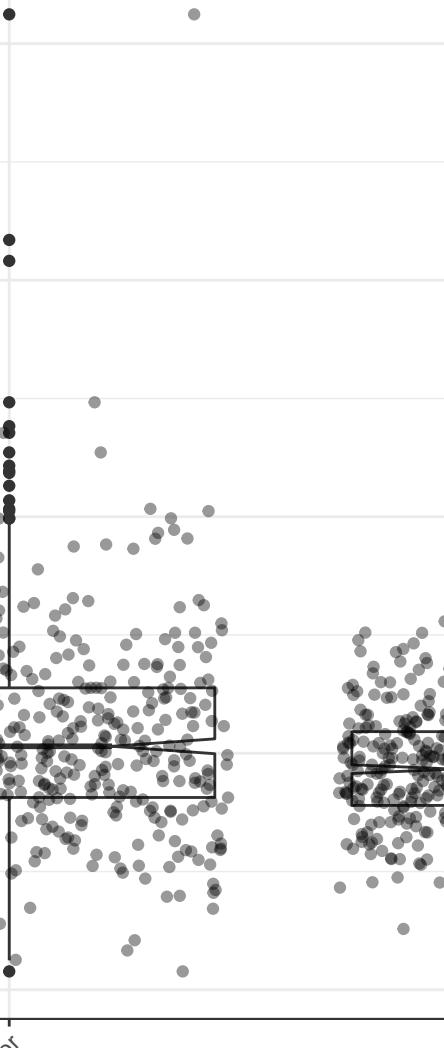
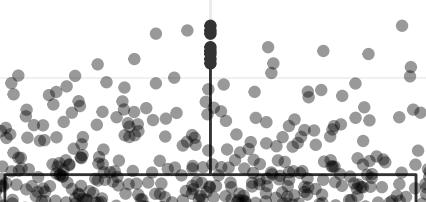
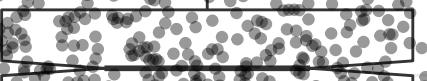
0.00

-0.05

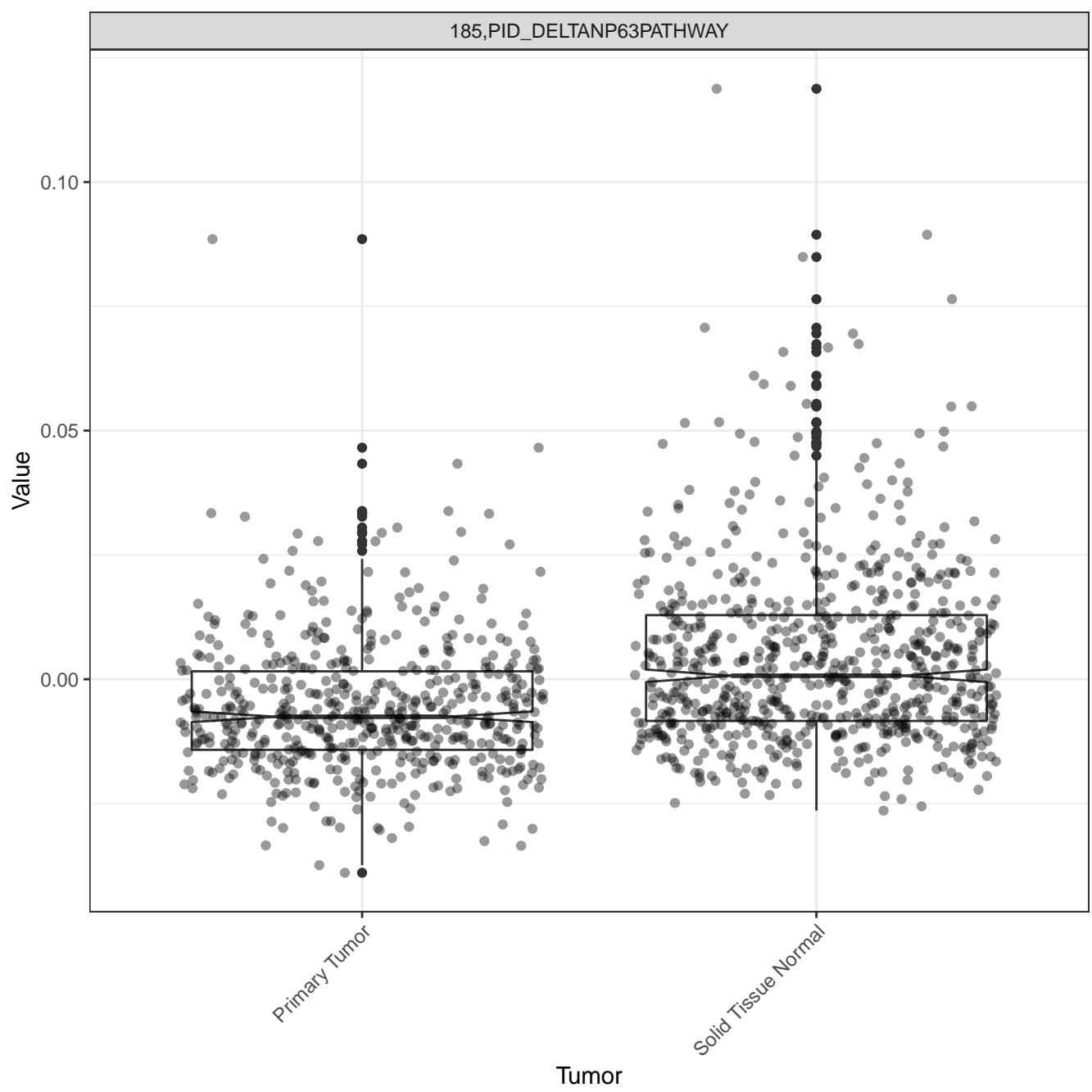
Primary Tumor

Solid Tissue Normal

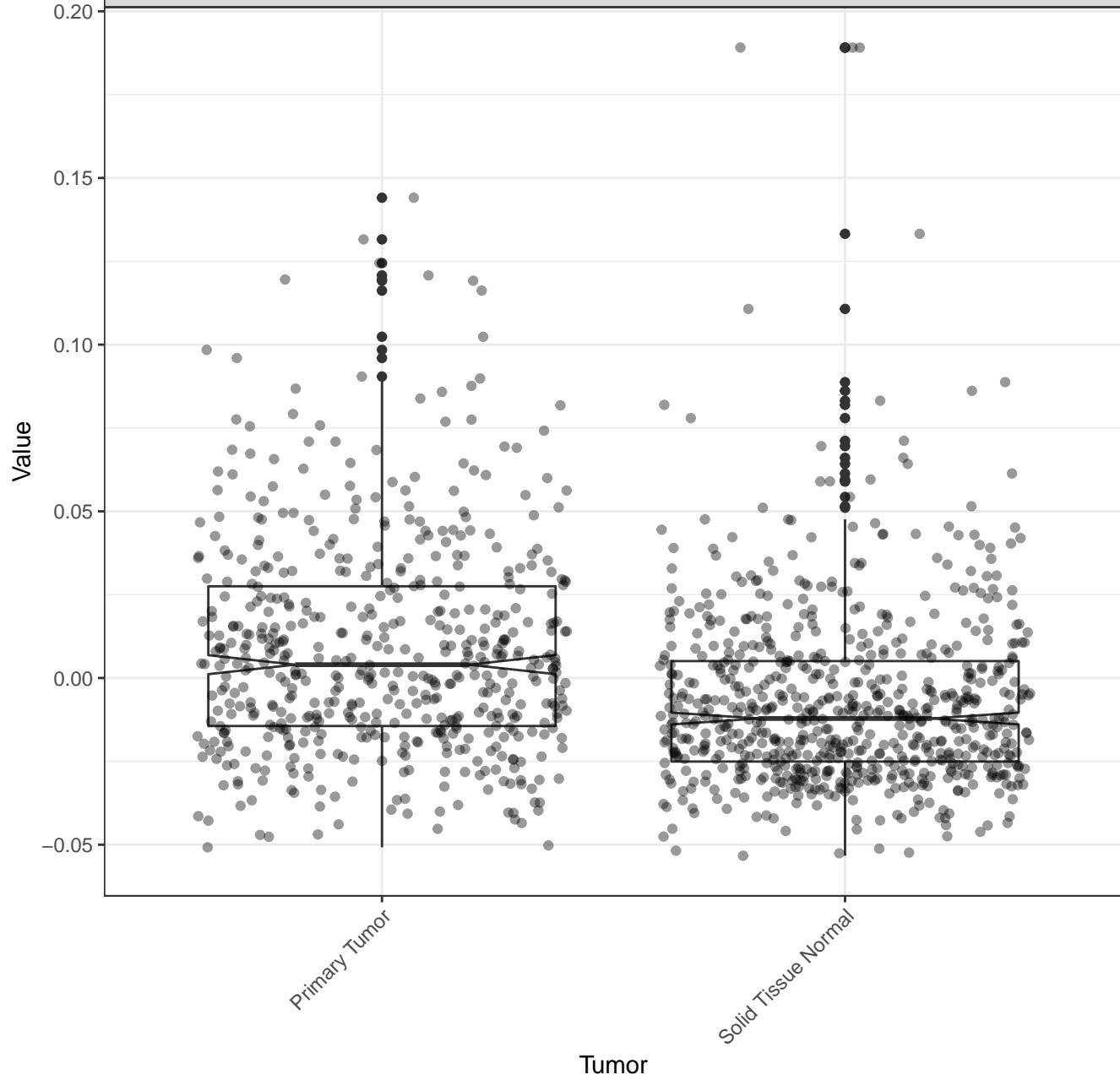
Tumor



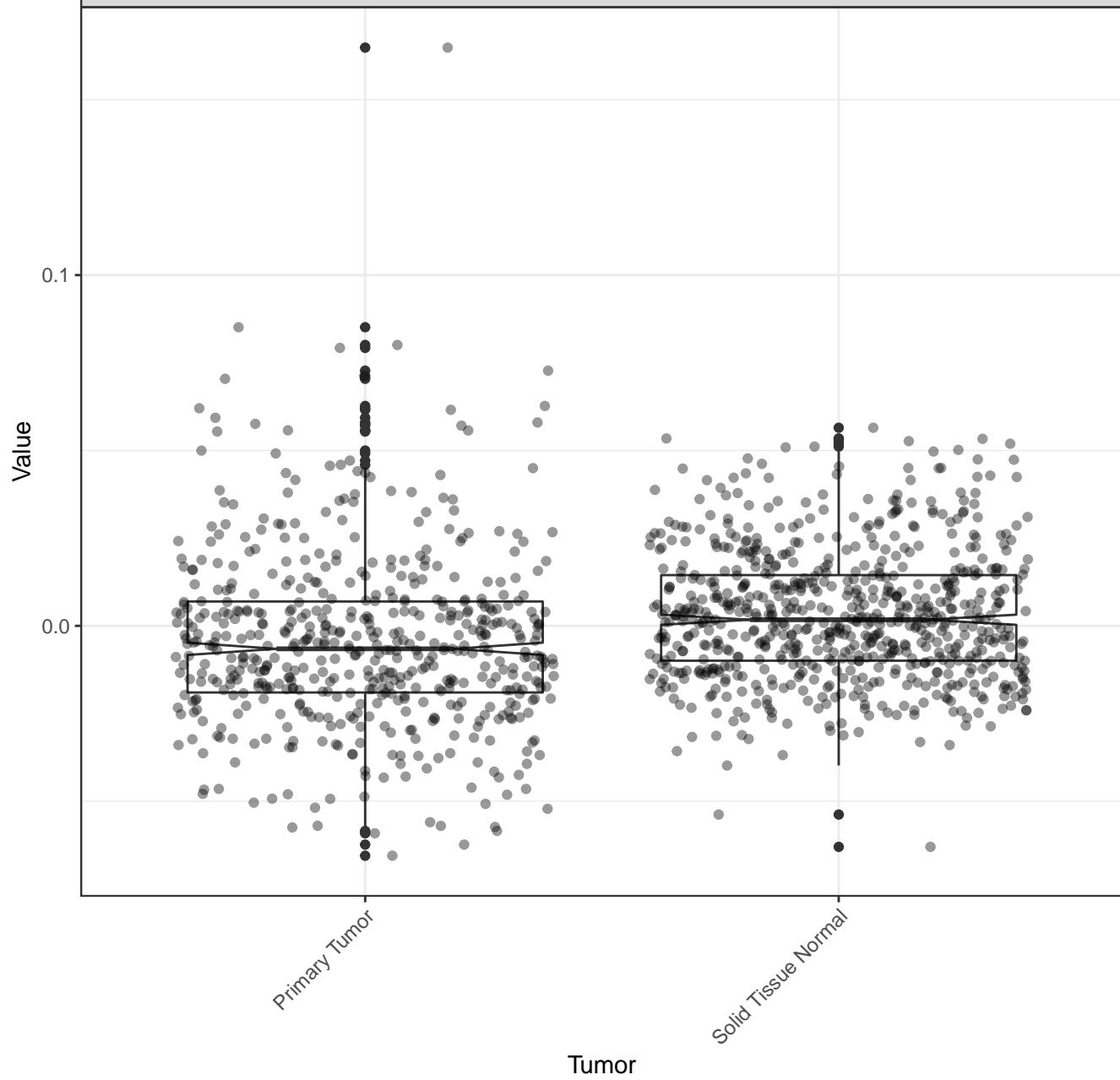
## 185,PID\_DELTANP63PATHWAY



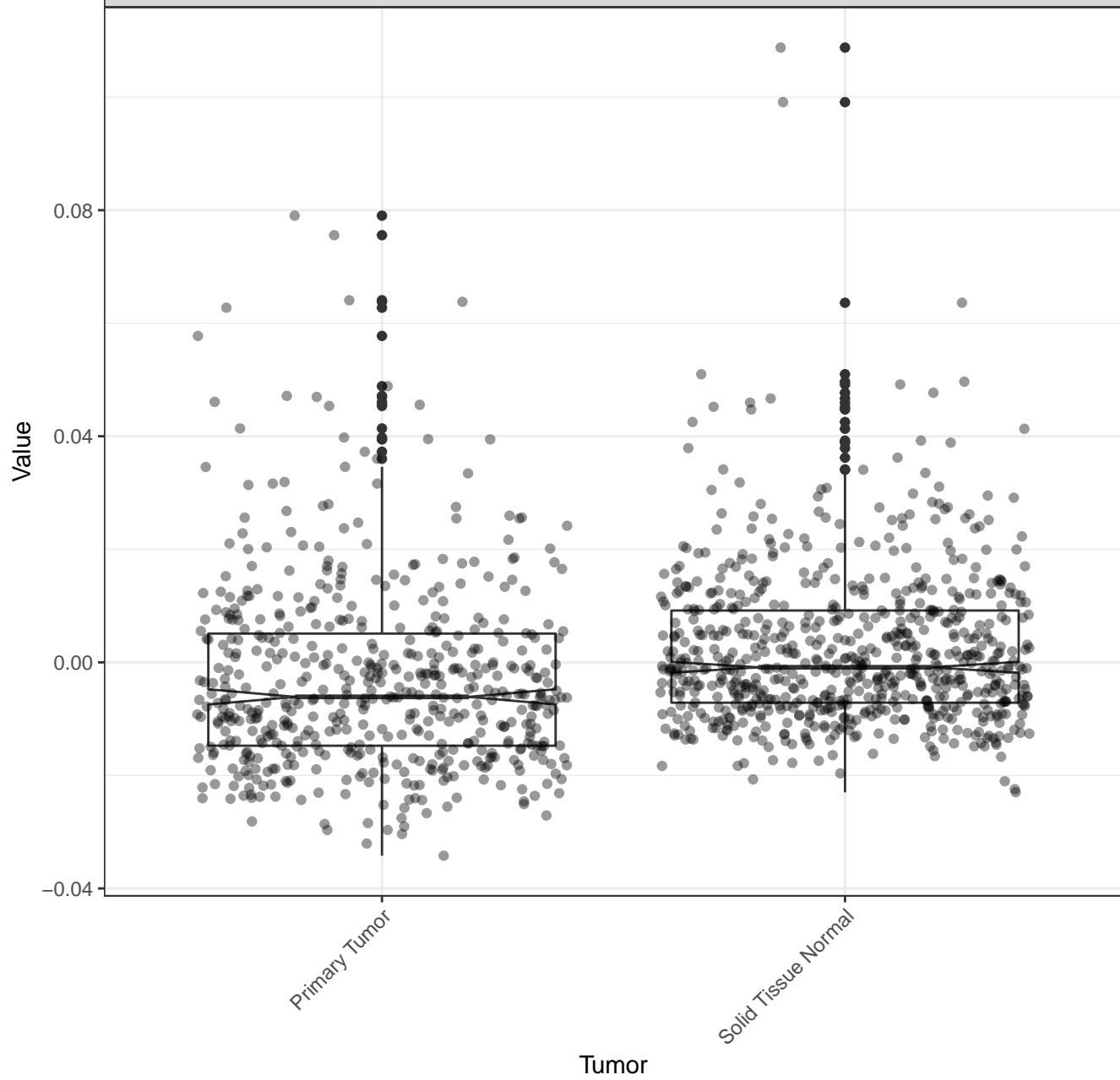
186,SVM T cells CD4 memory activated



# 187,KEGG\_PHOSPHATIDYLINOSITOL\_SIGNALING\_SYSTEM



# 188,KEGG\_PATHWAYS\_IN\_CANCER



189,REACTOME\_TRANSMEMBRANE\_TRANSPORT\_OF\_SMALL\_MOLECULES

Value

0.15

0.10

0.05

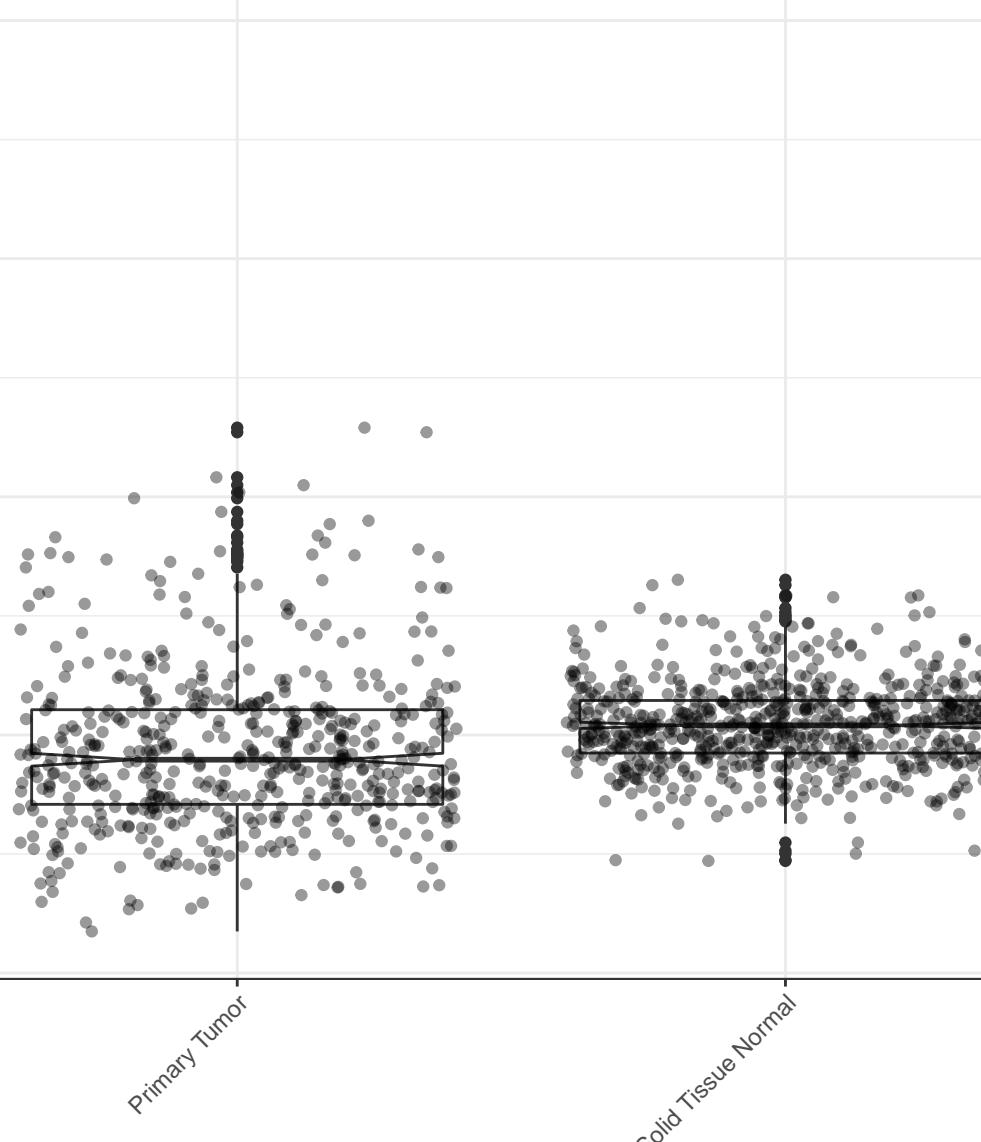
0.00

-0.05

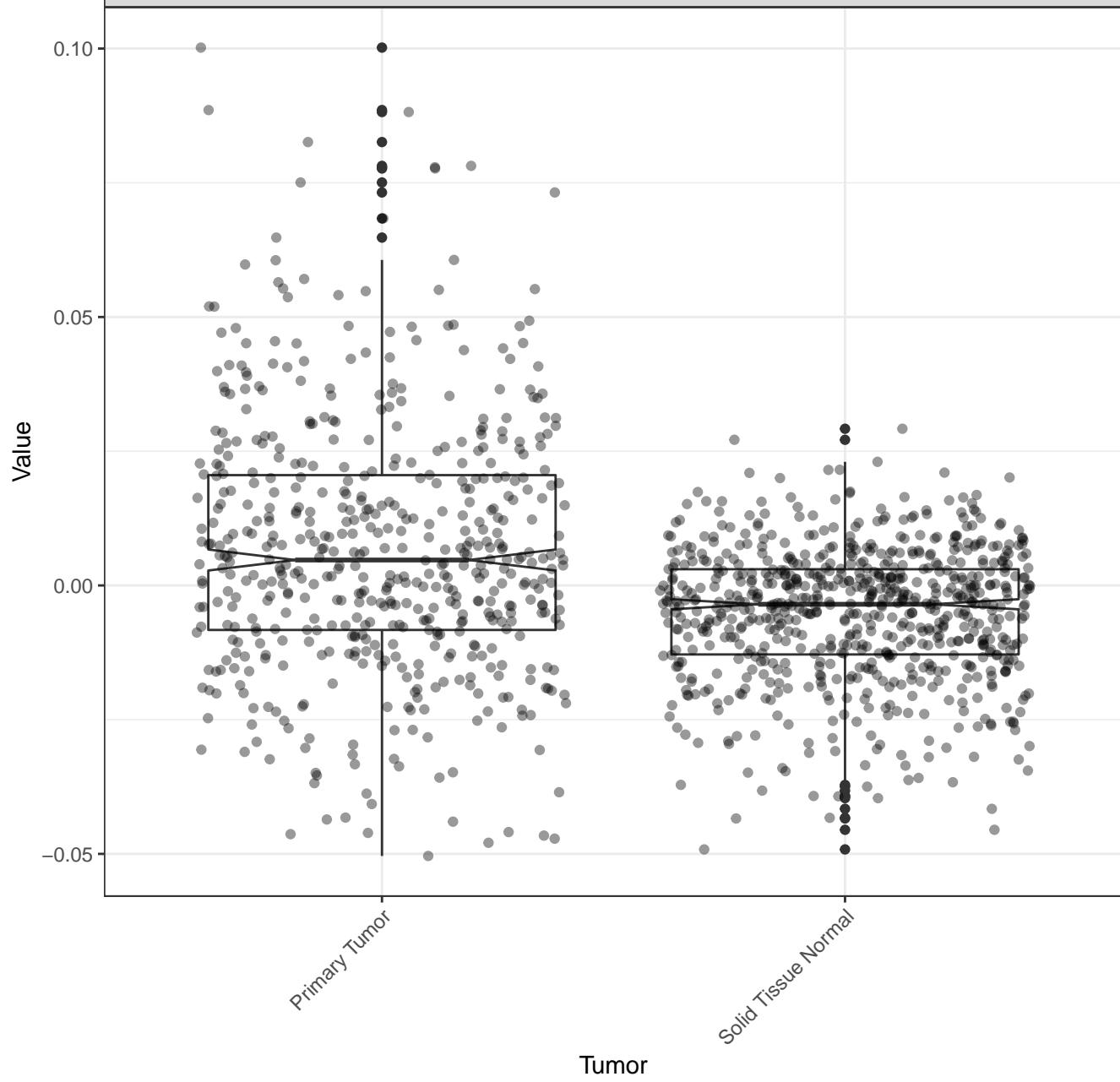
Primary Tumor

Solid Tissue Normal

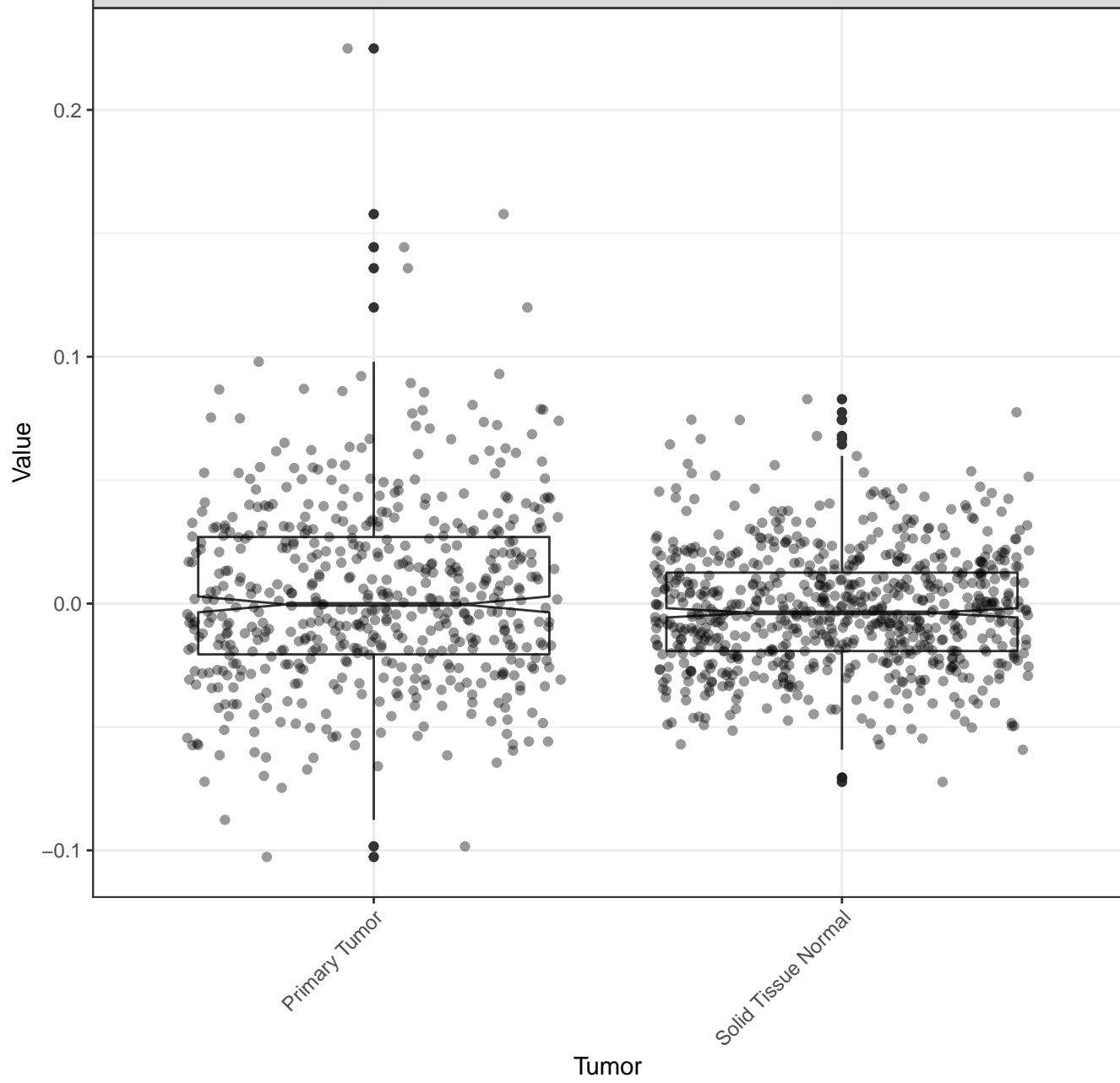
Tumor



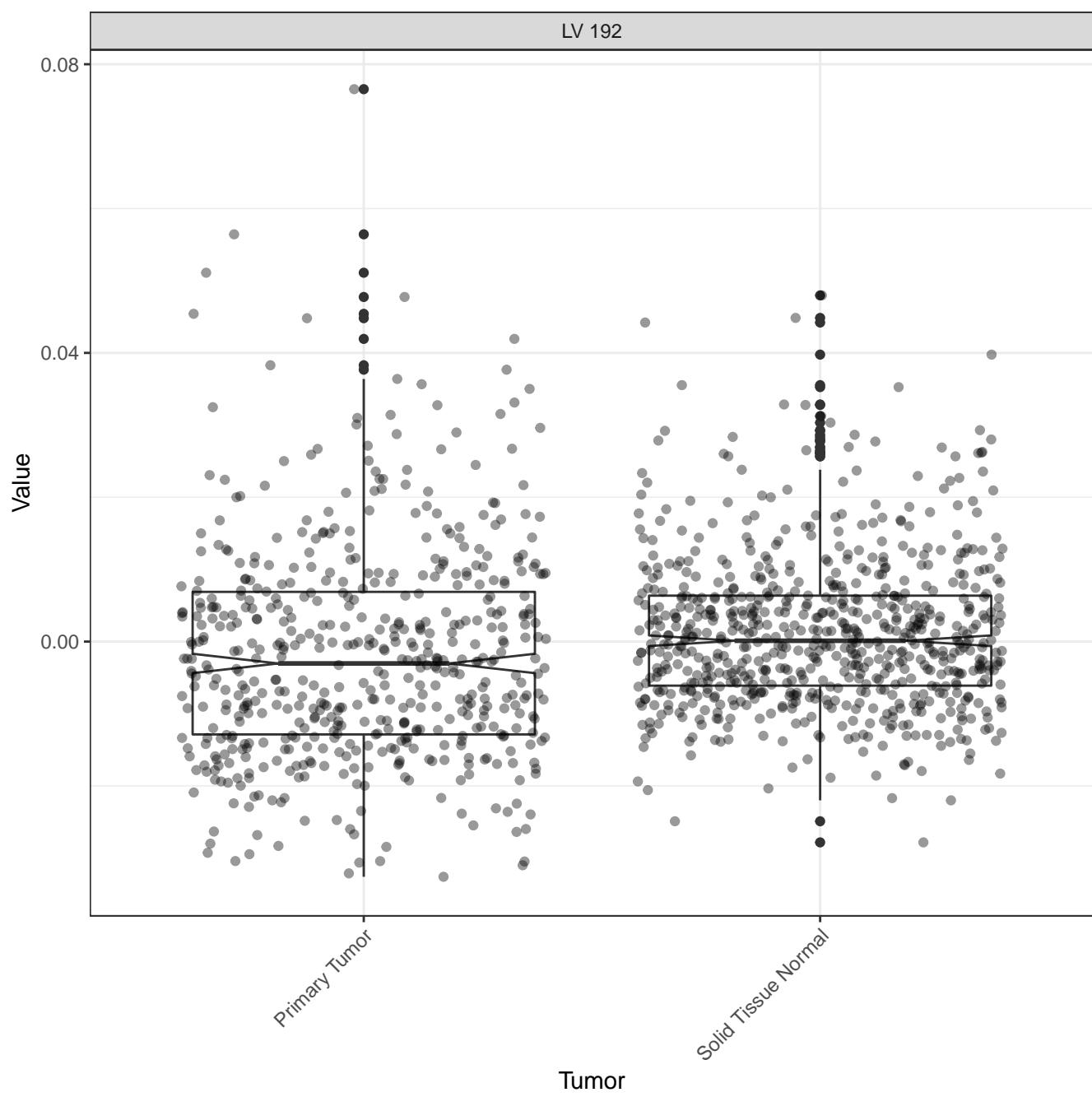
# 190,MIPS\_SPLICEOSOME



## 191,KEGG\_LYSOSOME



LV 192



Value

0.050

0.025

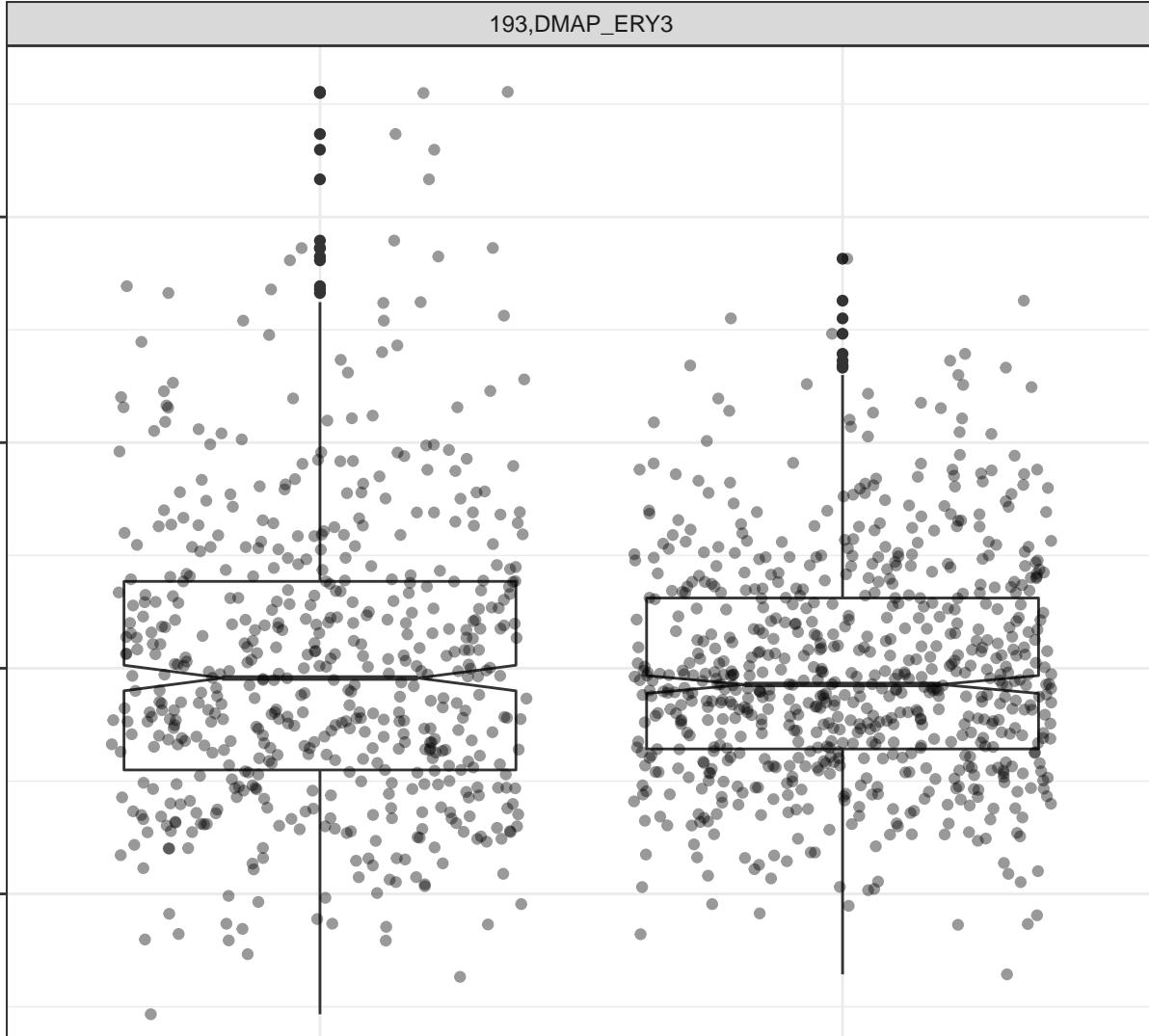
0.000

-0.025

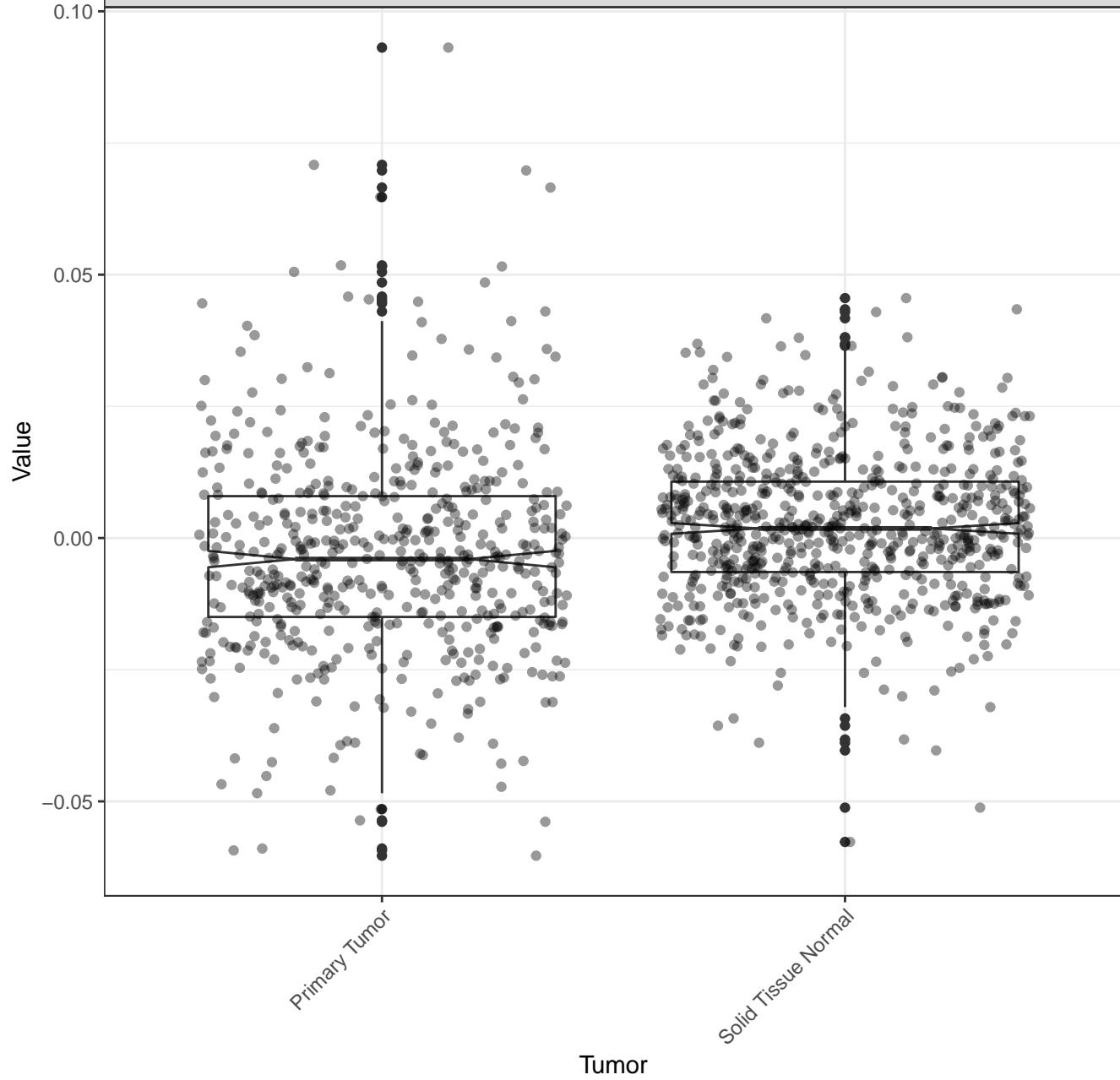
Primary Tumor

Solid Tissue Normal

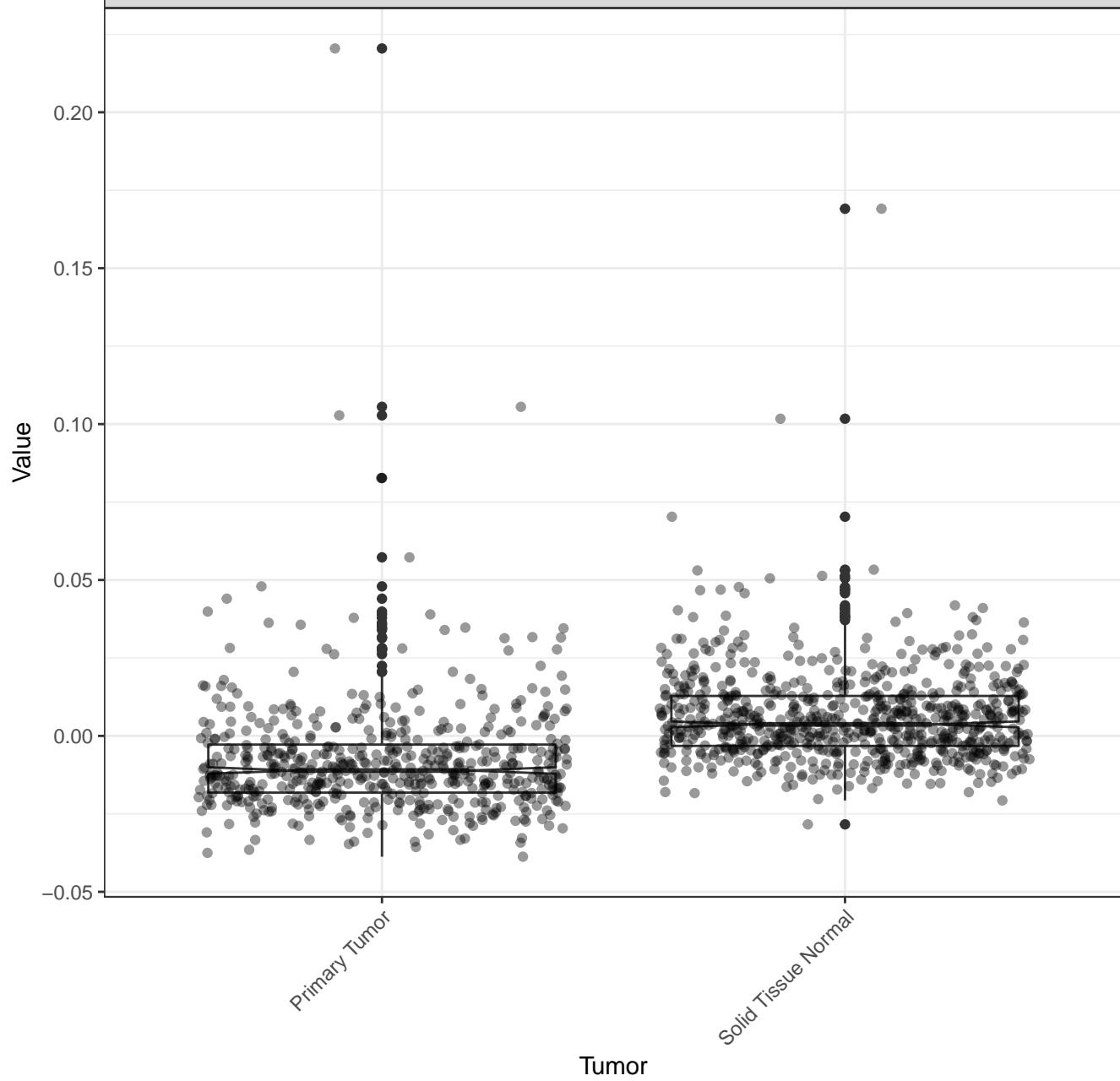
Tumor



# 194,REACTOME\_INTEGRATION\_OF\_ENERGY\_METABOLISM



## 195,DMAP\_MONO2



## 196,REACTOME\_TRANSMEMBRANE\_TRANSPORT\_OF\_SMALL MOLECULES

Value

0.050

0.025

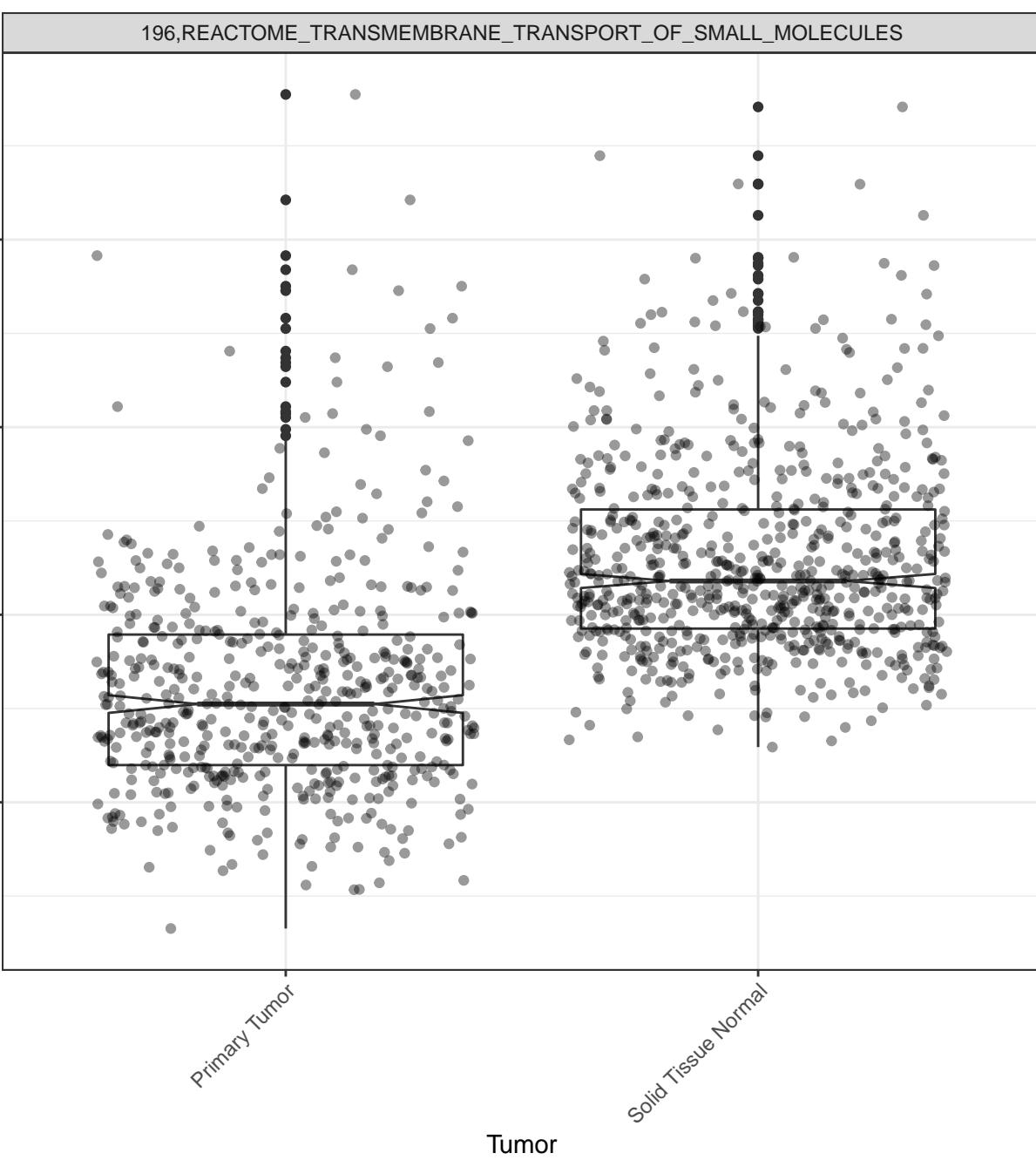
0.000

-0.025

Primary Tumor

Solid Tissue Normal

Tumor



## 197,REACTOME\_METABOLISM\_OF\_MRNA

Value

0.10

0.05

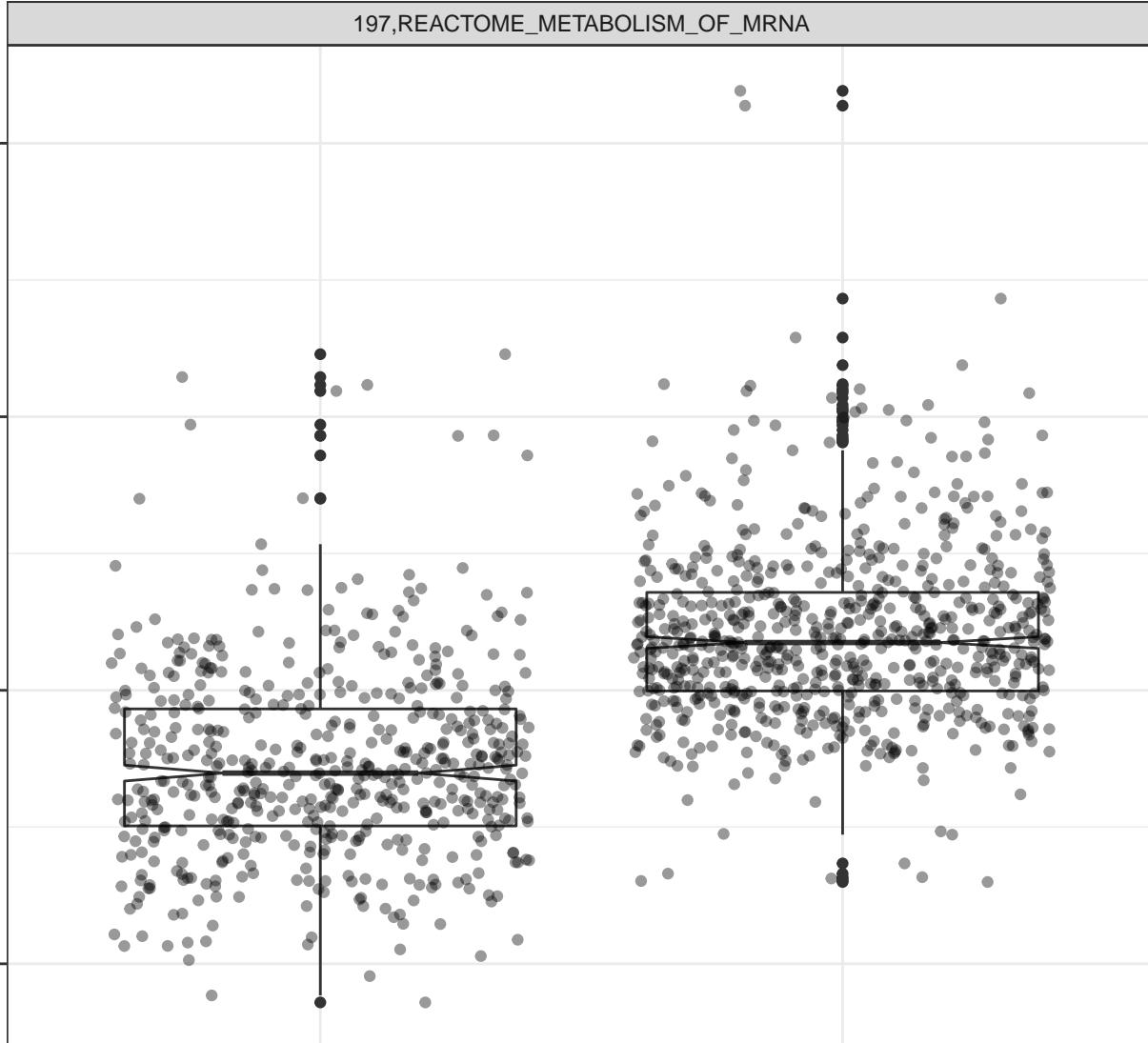
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



LV 198

Value

0.050

0.025

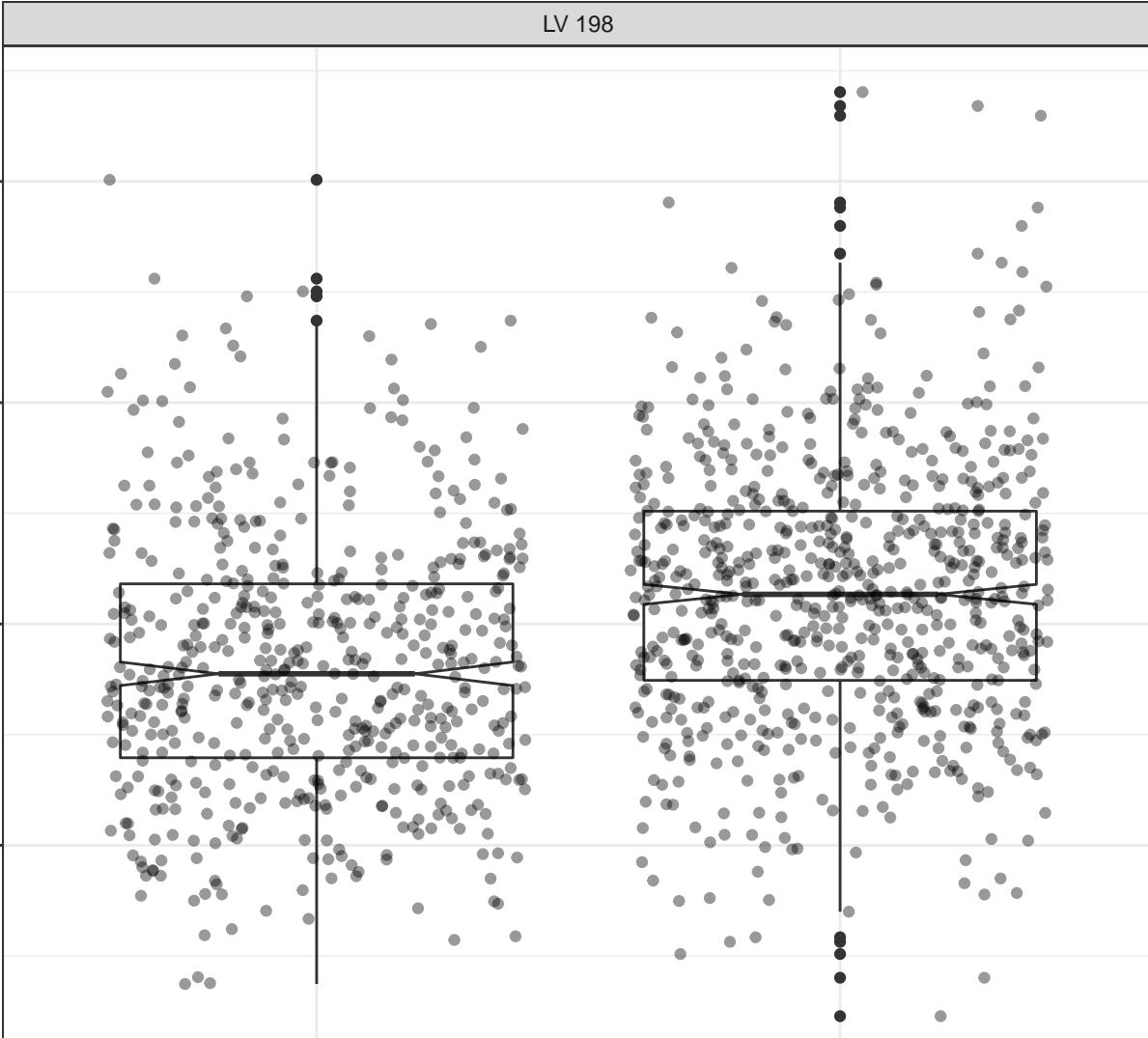
0.000

-0.025

Primary Tumor

Solid Tissue Normal

Tumor



# 199,KEGG\_AUTOIMMUNE\_THYROID\_DISEASE

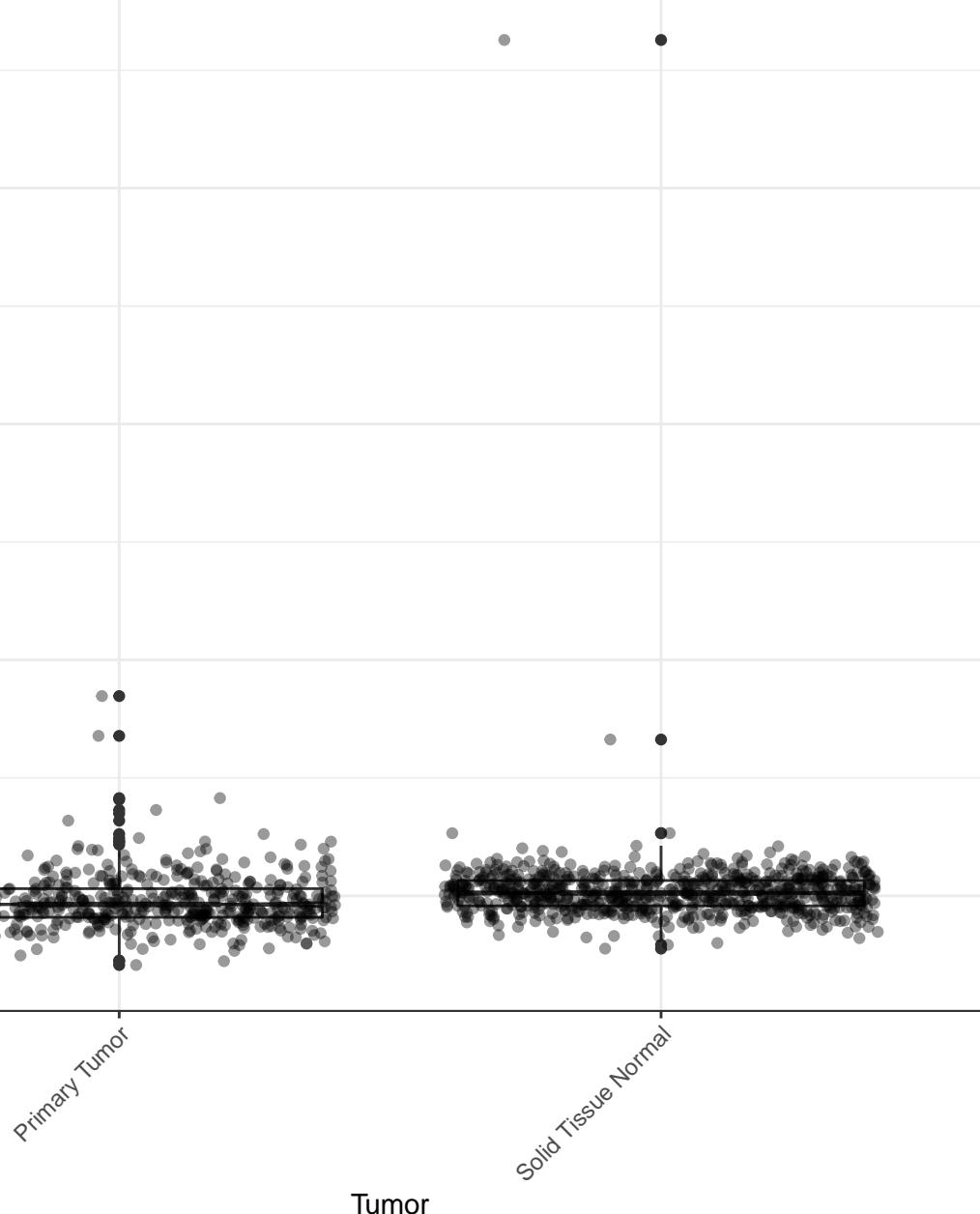
Value

0.6  
0.4  
0.2  
0.0

Primary Tumor

Solid Tissue Normal

Tumor



LV 200

Value

0.15

0.10

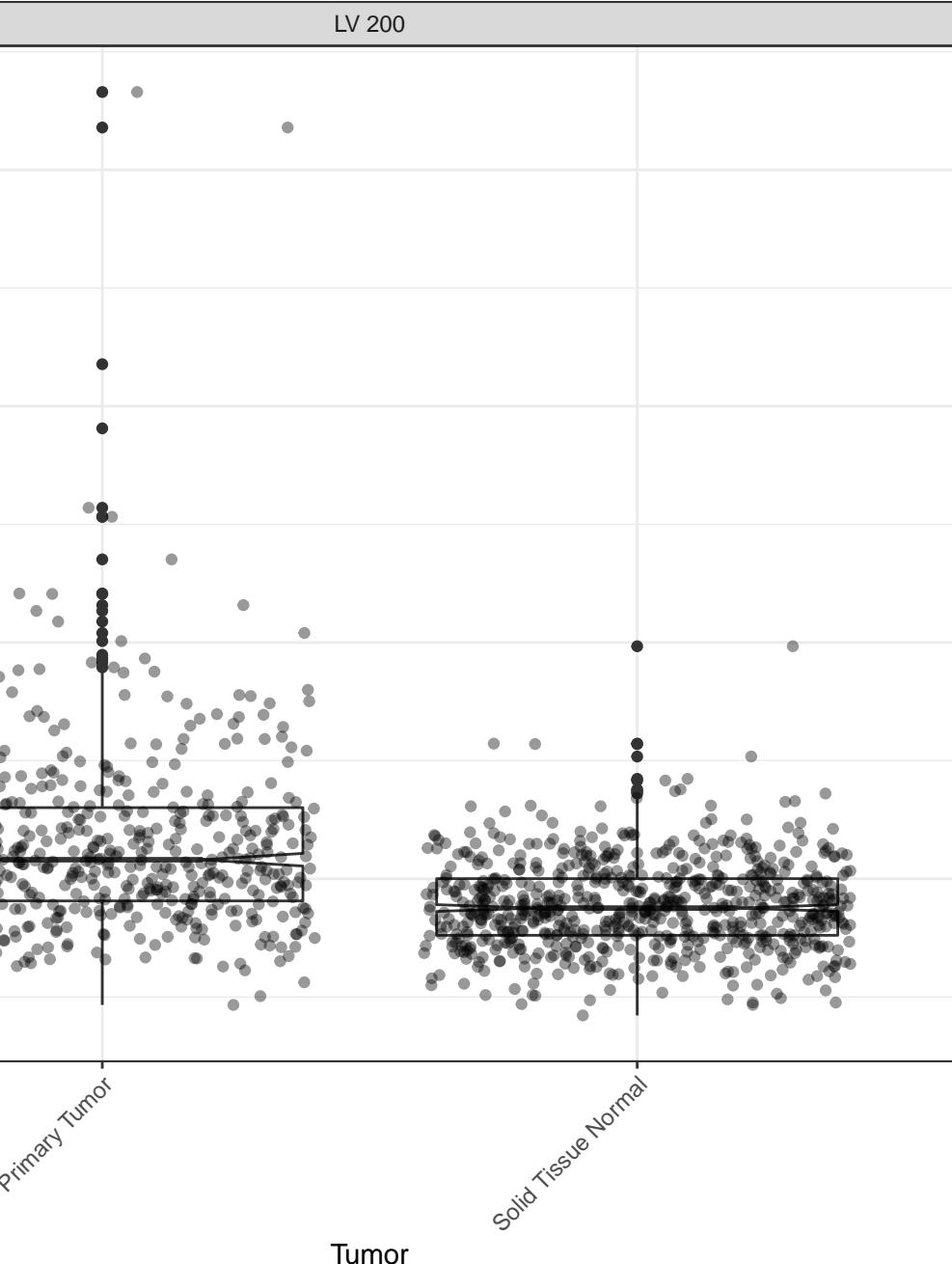
0.05

0.00

Primary Tumor

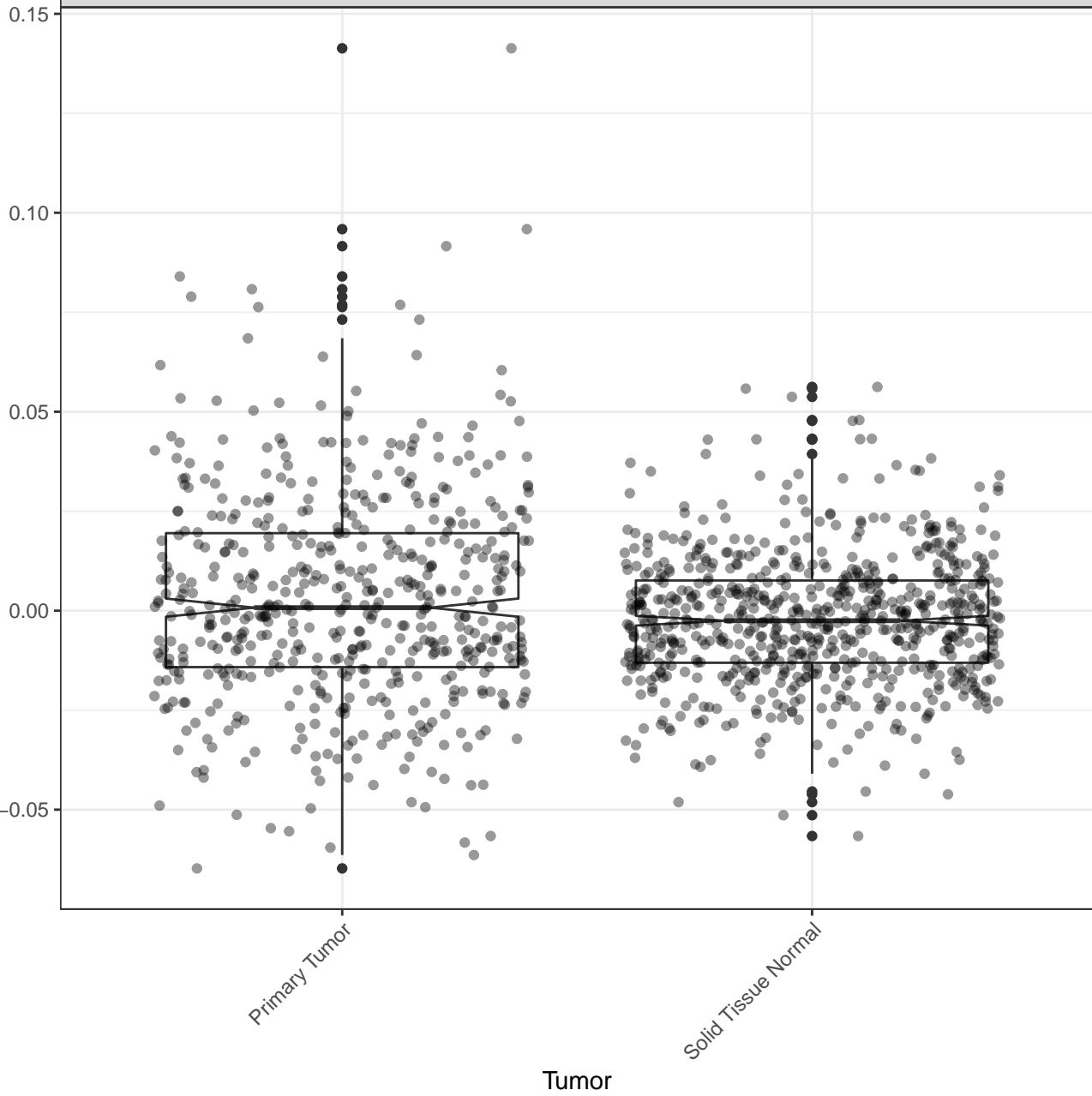
Solid Tissue Normal

Tumor



LV 201

Value



LV 202

Value

0.15

0.10

0.05

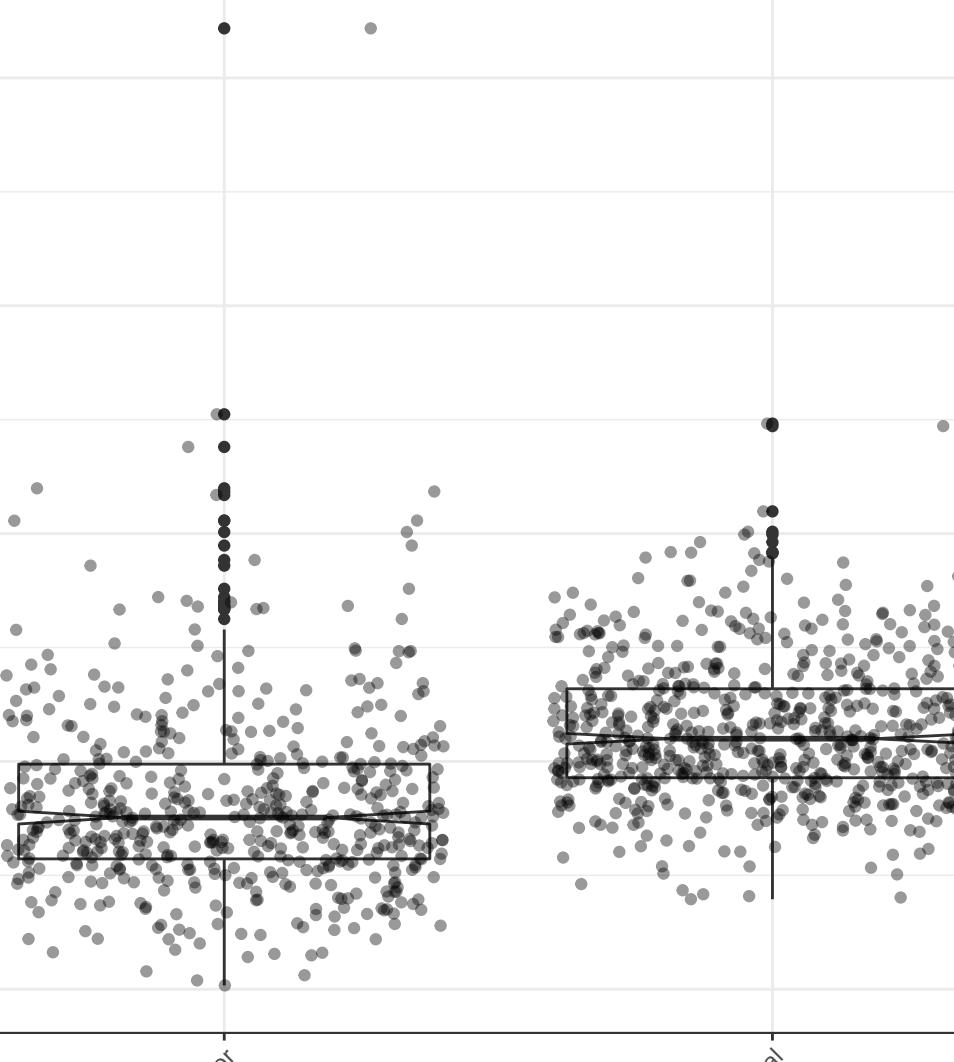
0.00

-0.05

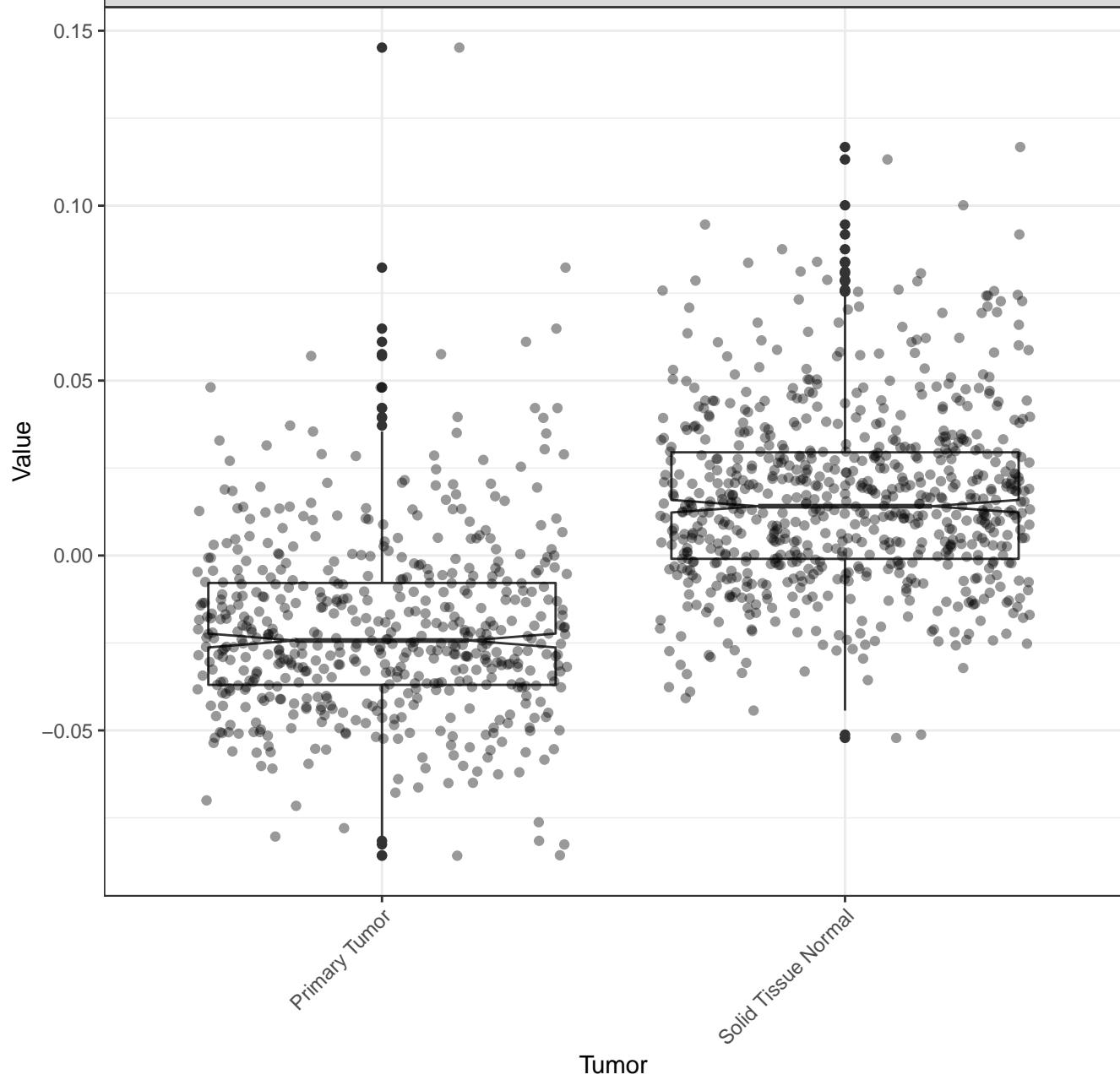
Primary Tumor

Solid Tissue Normal

Tumor



E\_NEUROTRANSMITTER\_RECEPTOR\_BINDING\_AND\_DOWNSTREAM\_TRANSMISSION\_IN\_THE\_POSTSY



LV 204

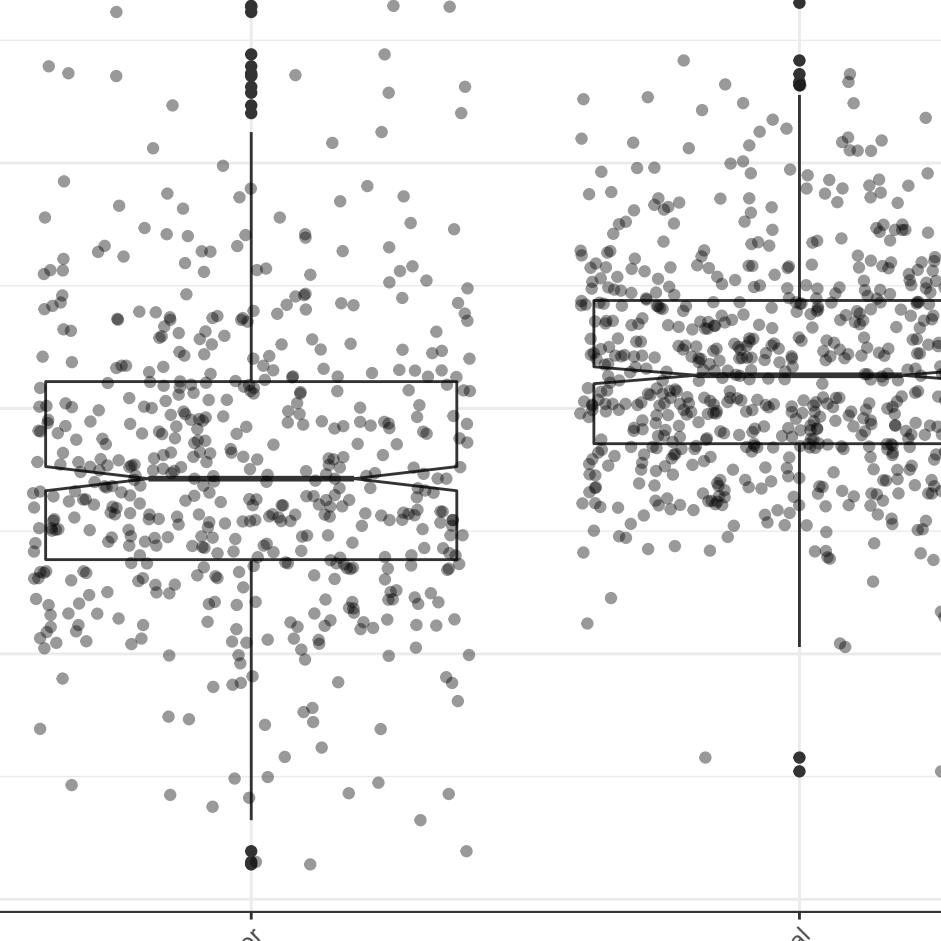
Value

0.06  
0.03  
0.00  
-0.03  
-0.06

Primary Tumor

Solid Tissue Normal

Tumor



LV 205

Value

0.10

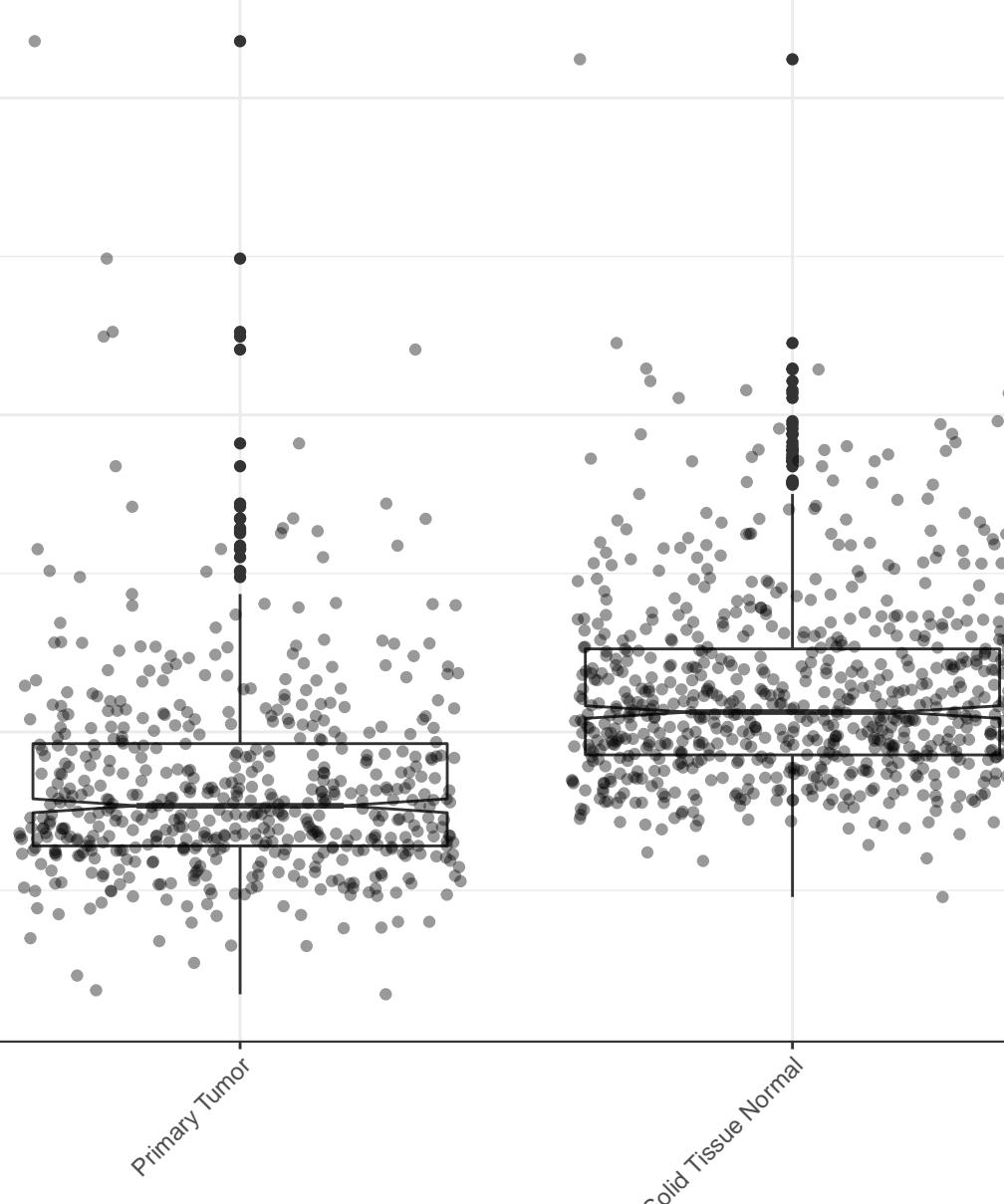
0.05

0.00

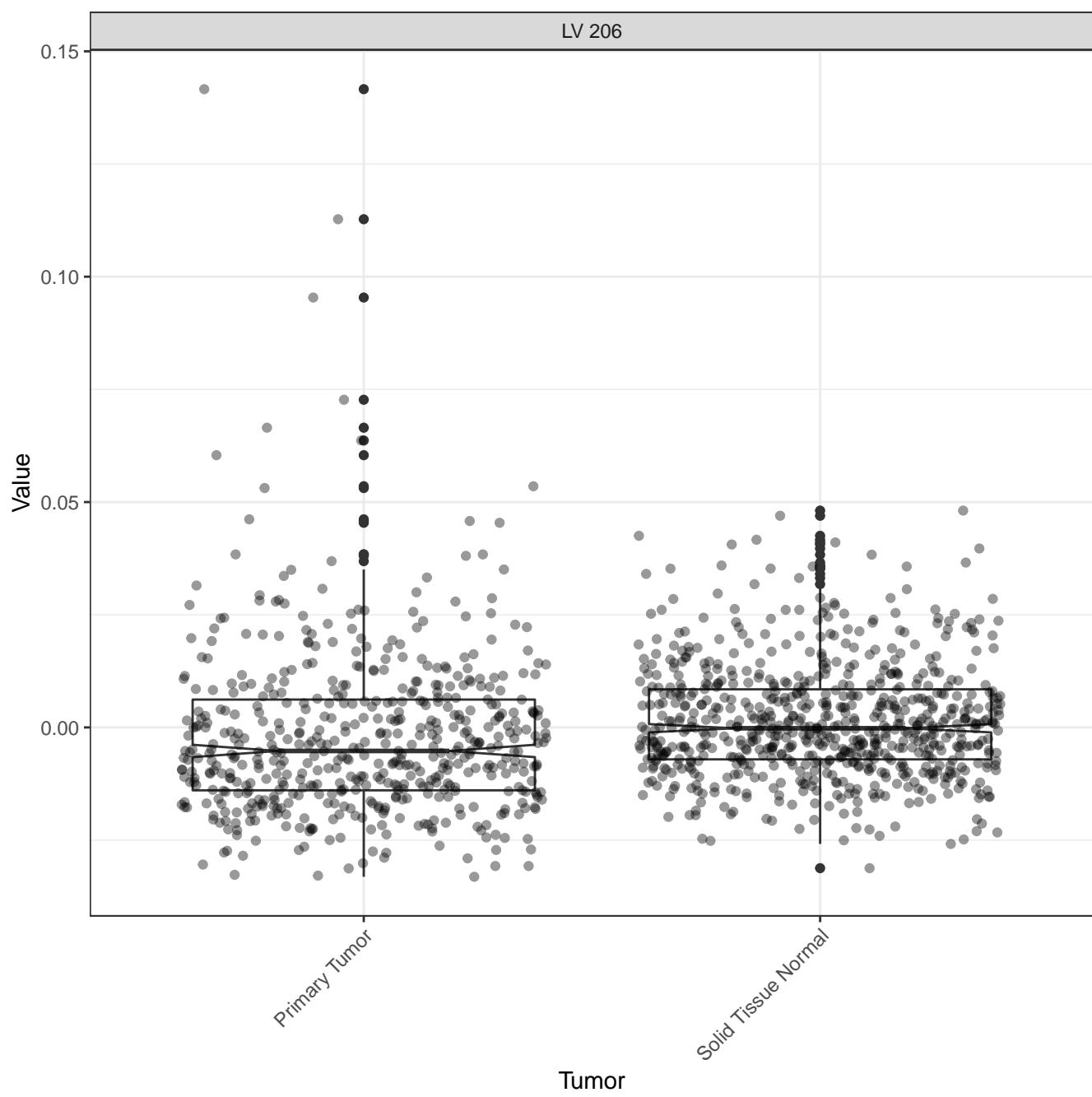
Primary Tumor

Solid Tissue Normal

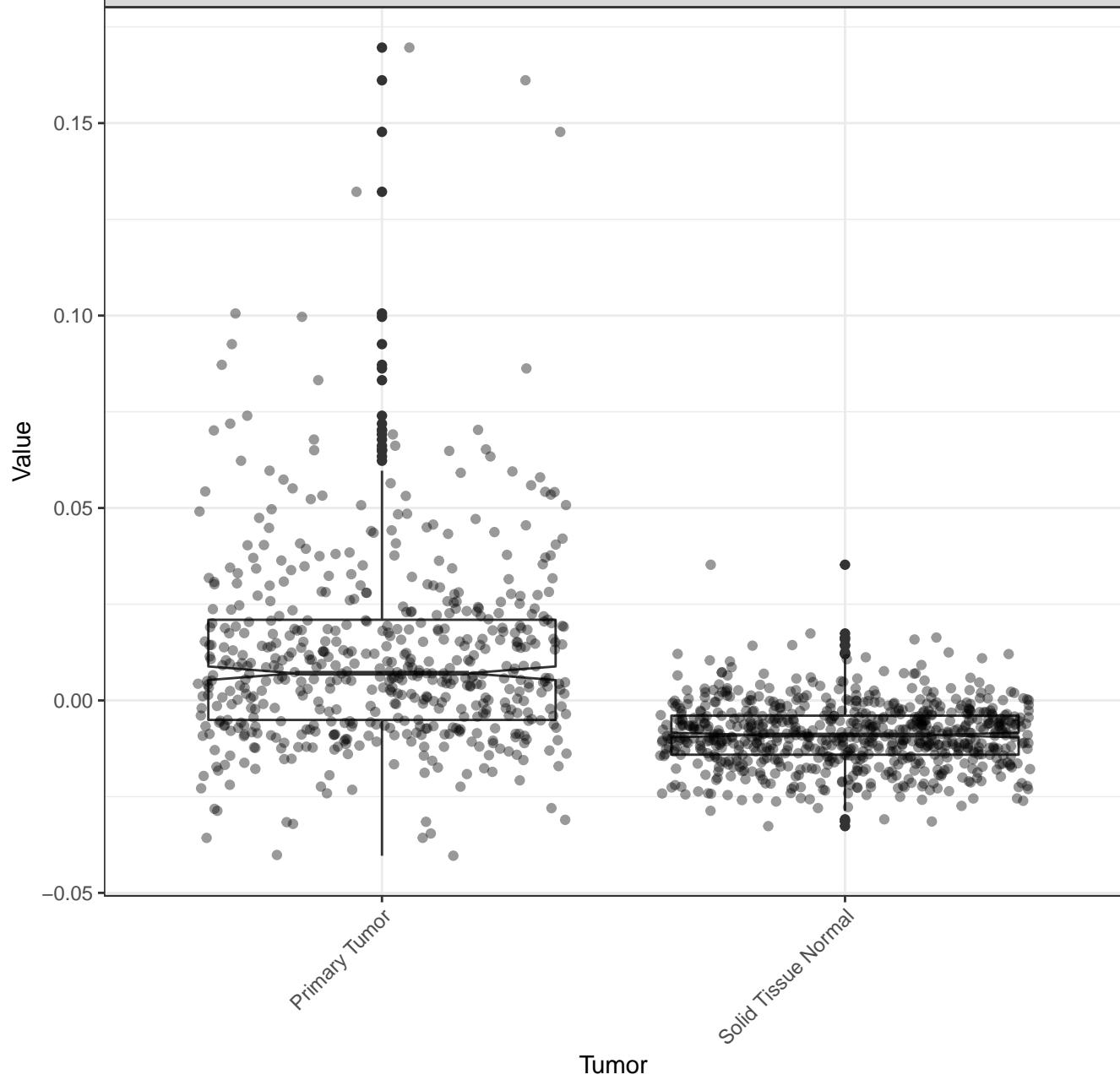
Tumor

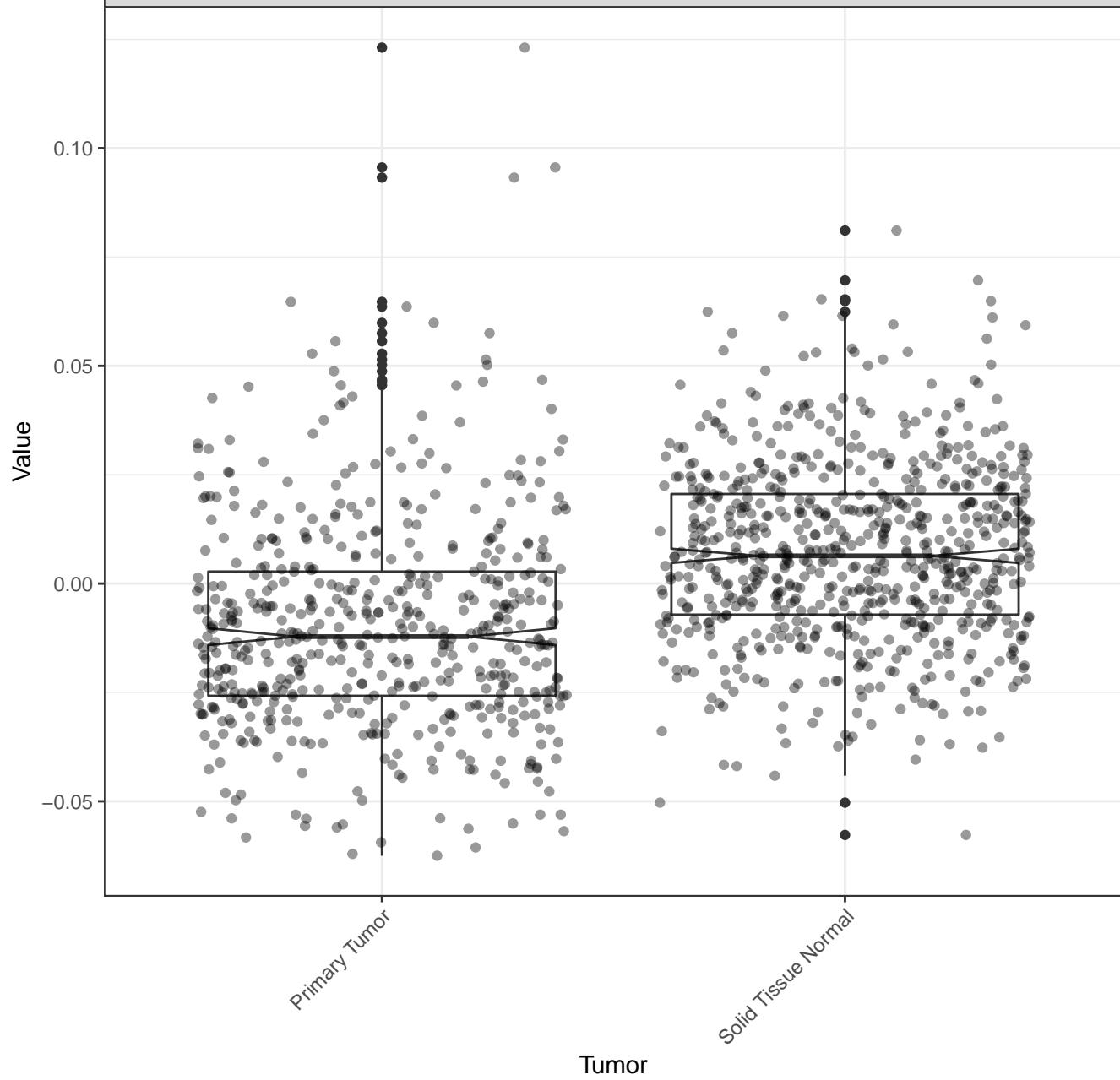


LV 206



207,REACTOME\_METABOLISM\_OF\_RNA





Value

0.05

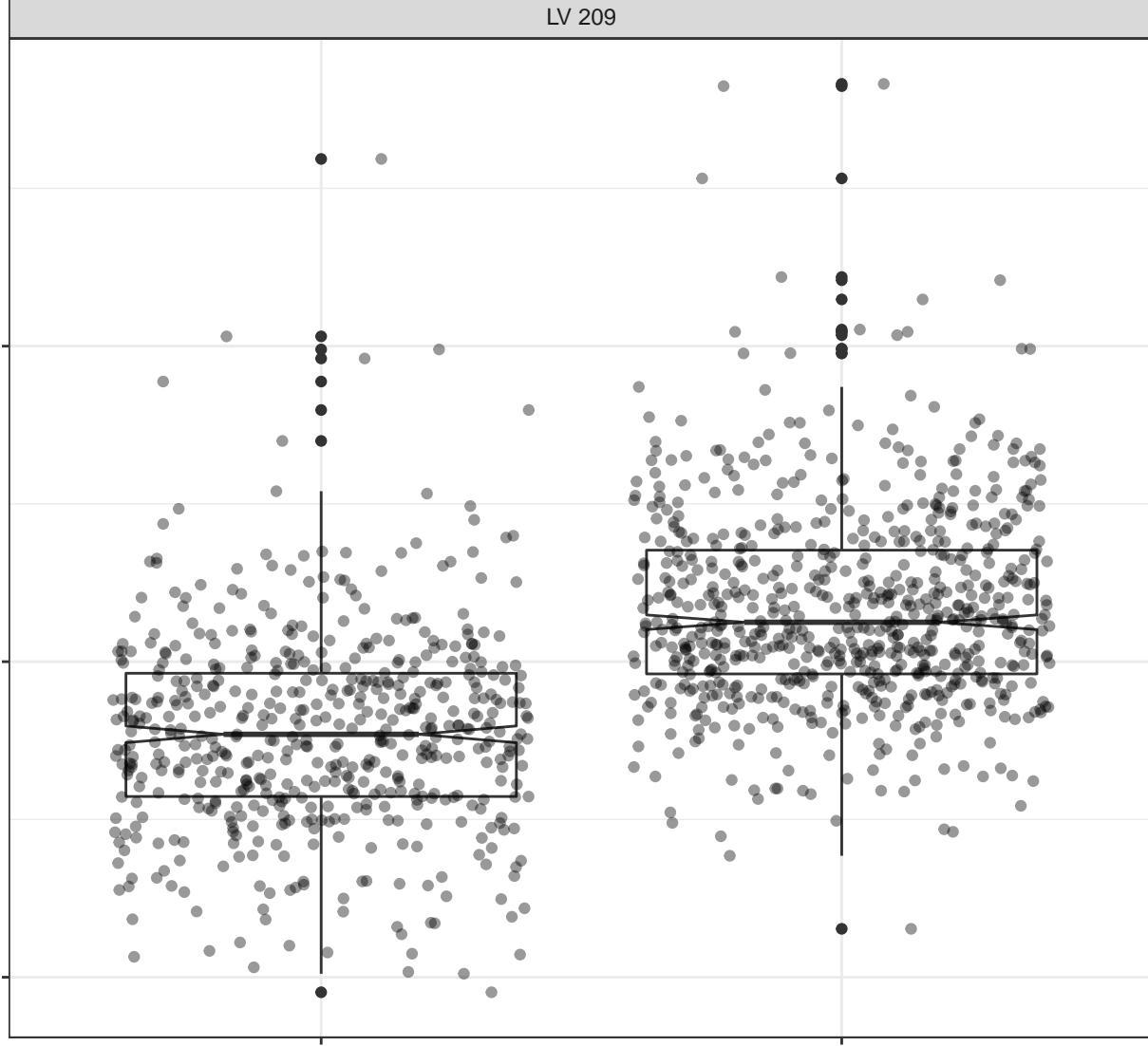
0.00

-0.05

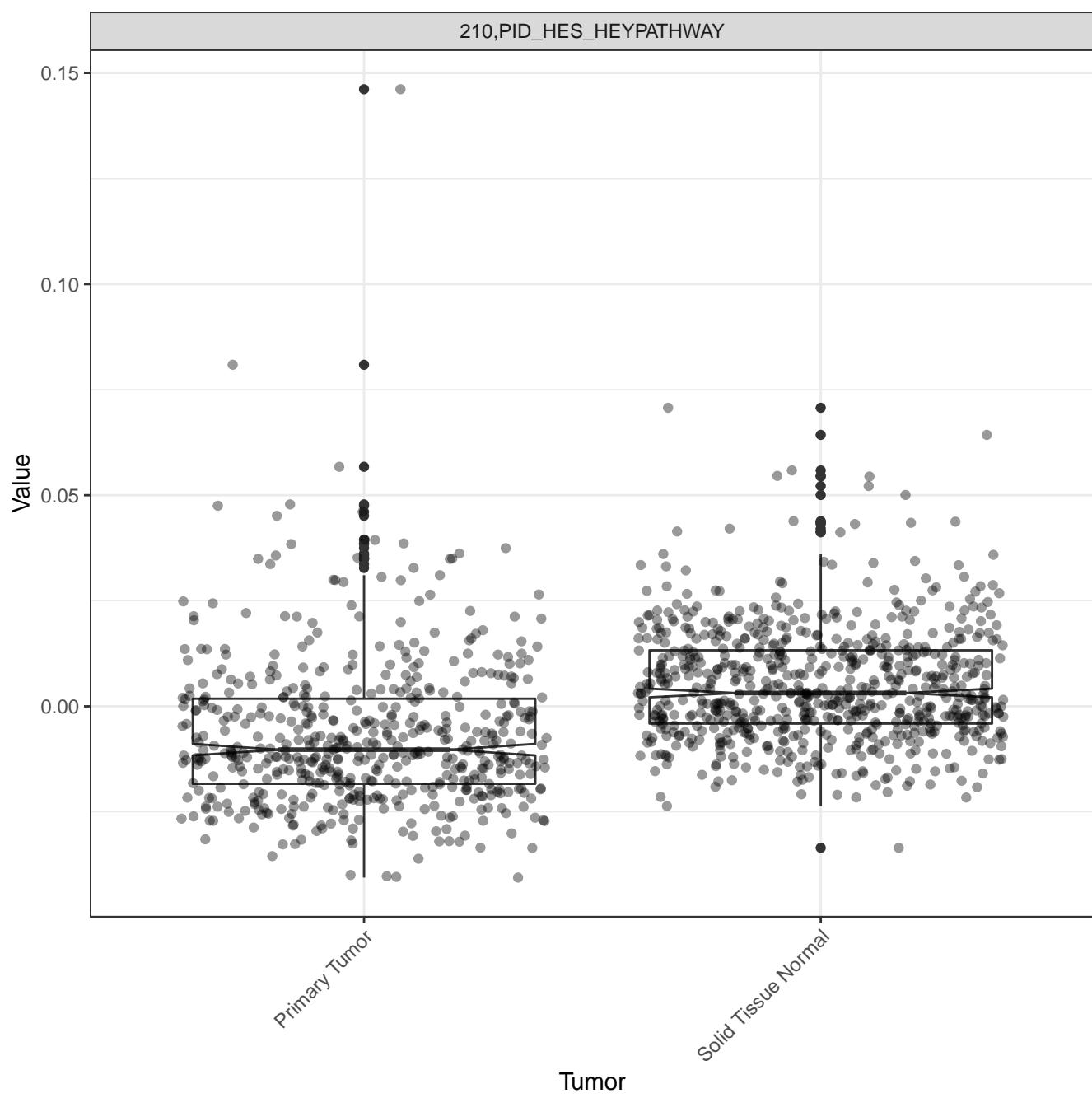
Primary Tumor

Solid Tissue Normal

Tumor



210,PID\_HES\_HEYPATHWAY



LV 211

Value

0.06

0.04

0.02

0.00

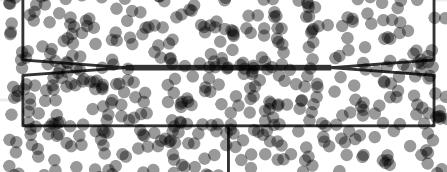
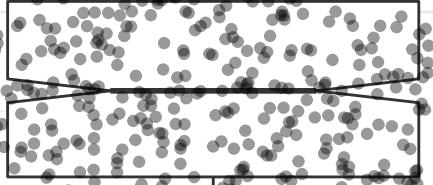
-0.02

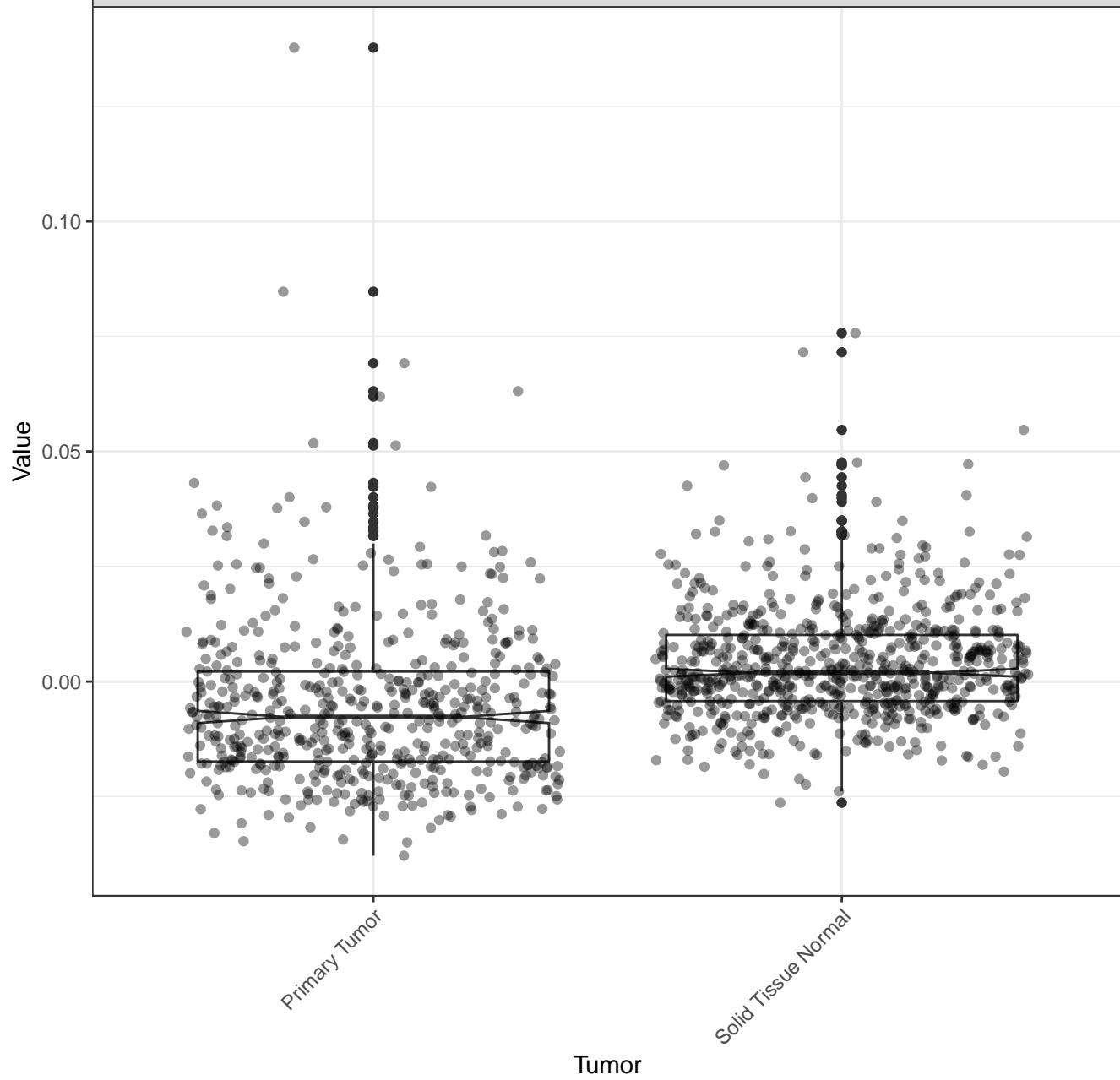
-0.04

Primary Tumor

Solid Tissue Normal

Tumor





Value

0.05

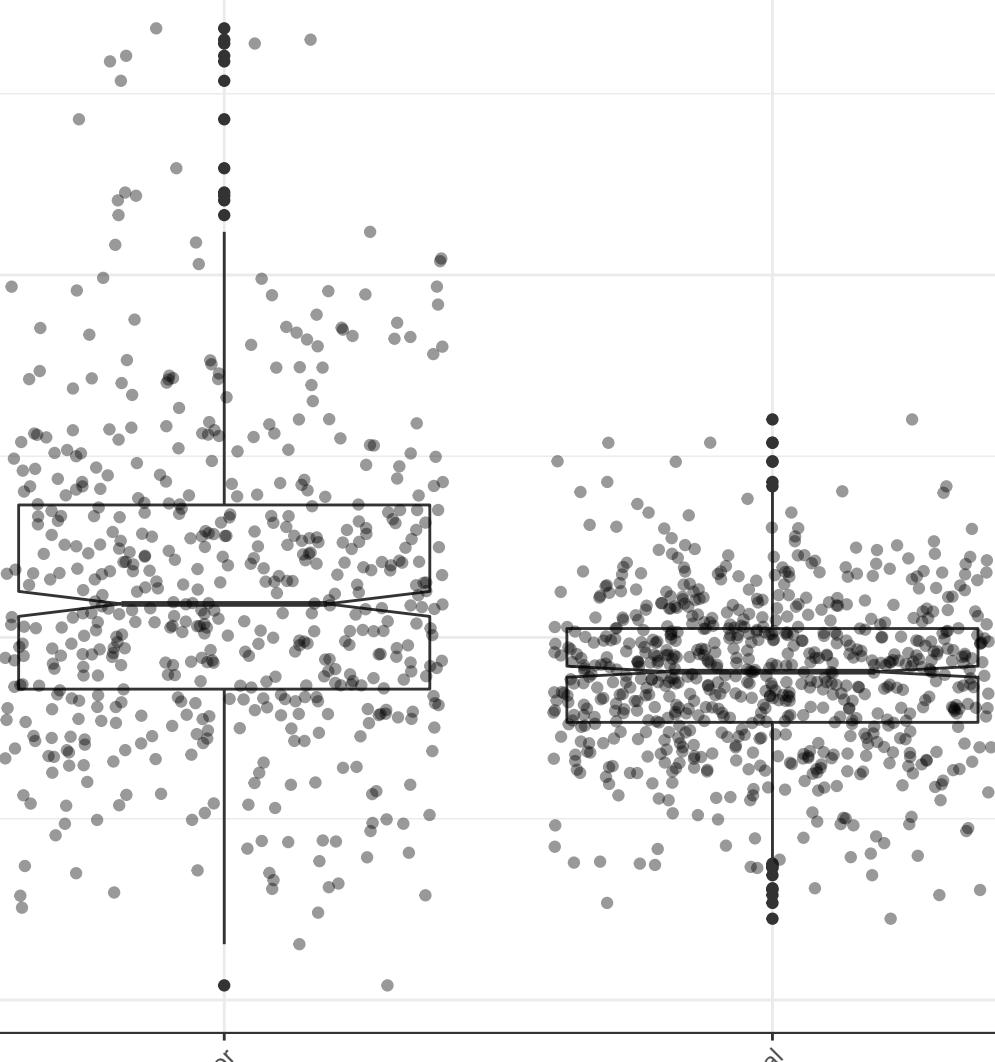
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



LV 214

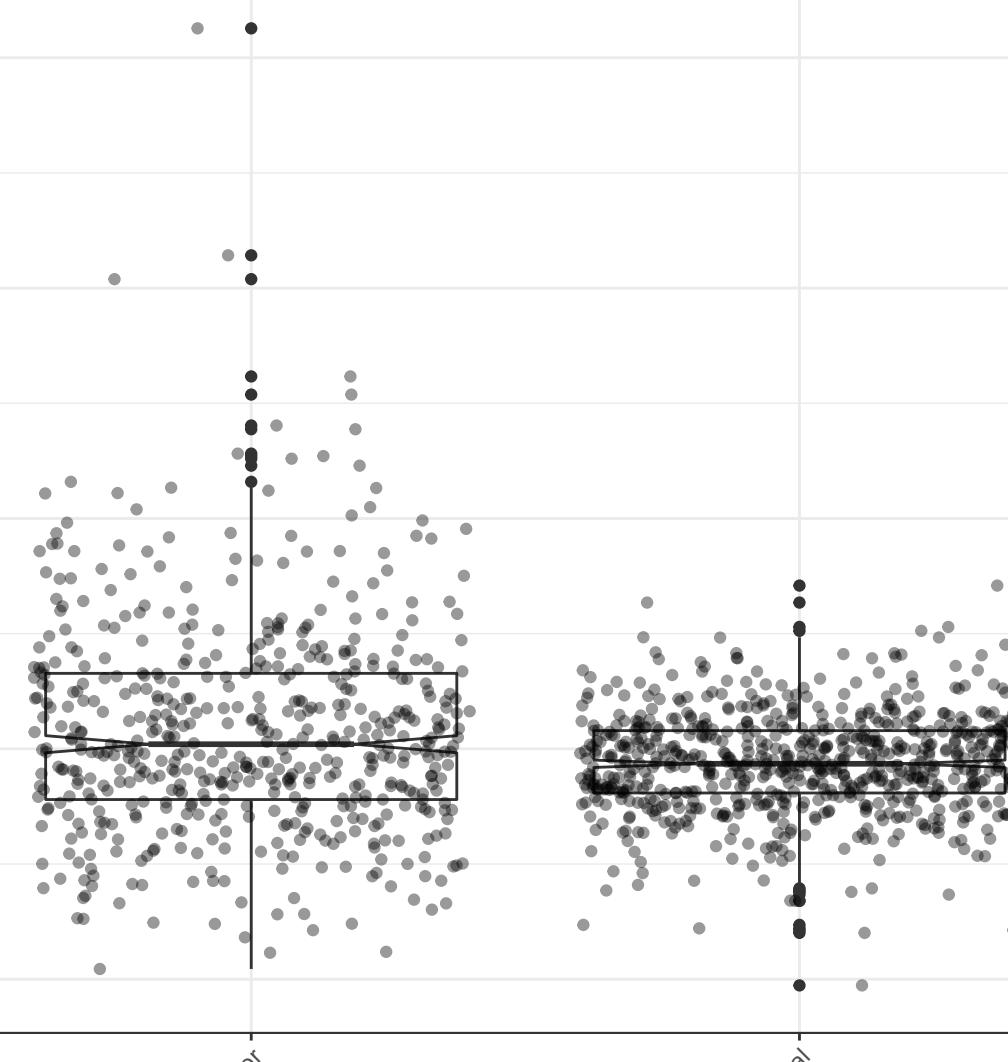
Value

0.15  
0.10  
0.05  
0.00  
-0.05

Tumor

Primary Tumor

Solid Tissue Normal



LV 215

Value

0.10

0.05

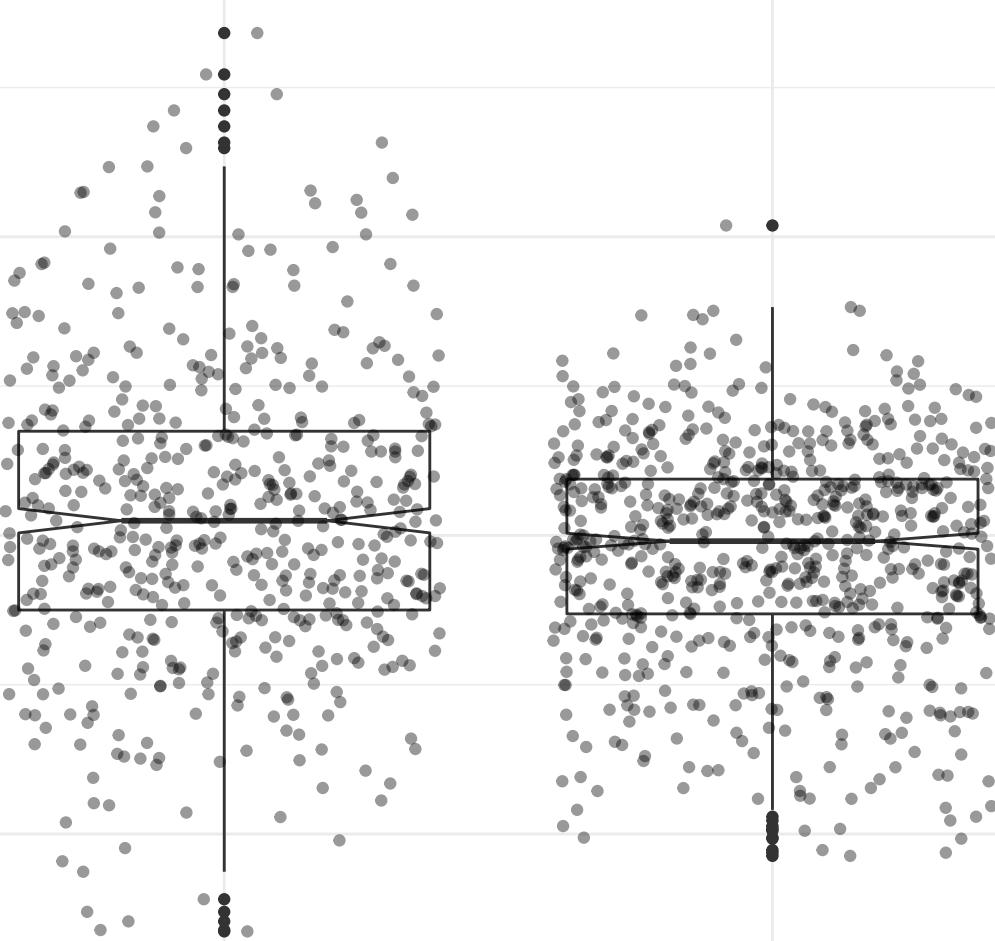
0.00

-0.05

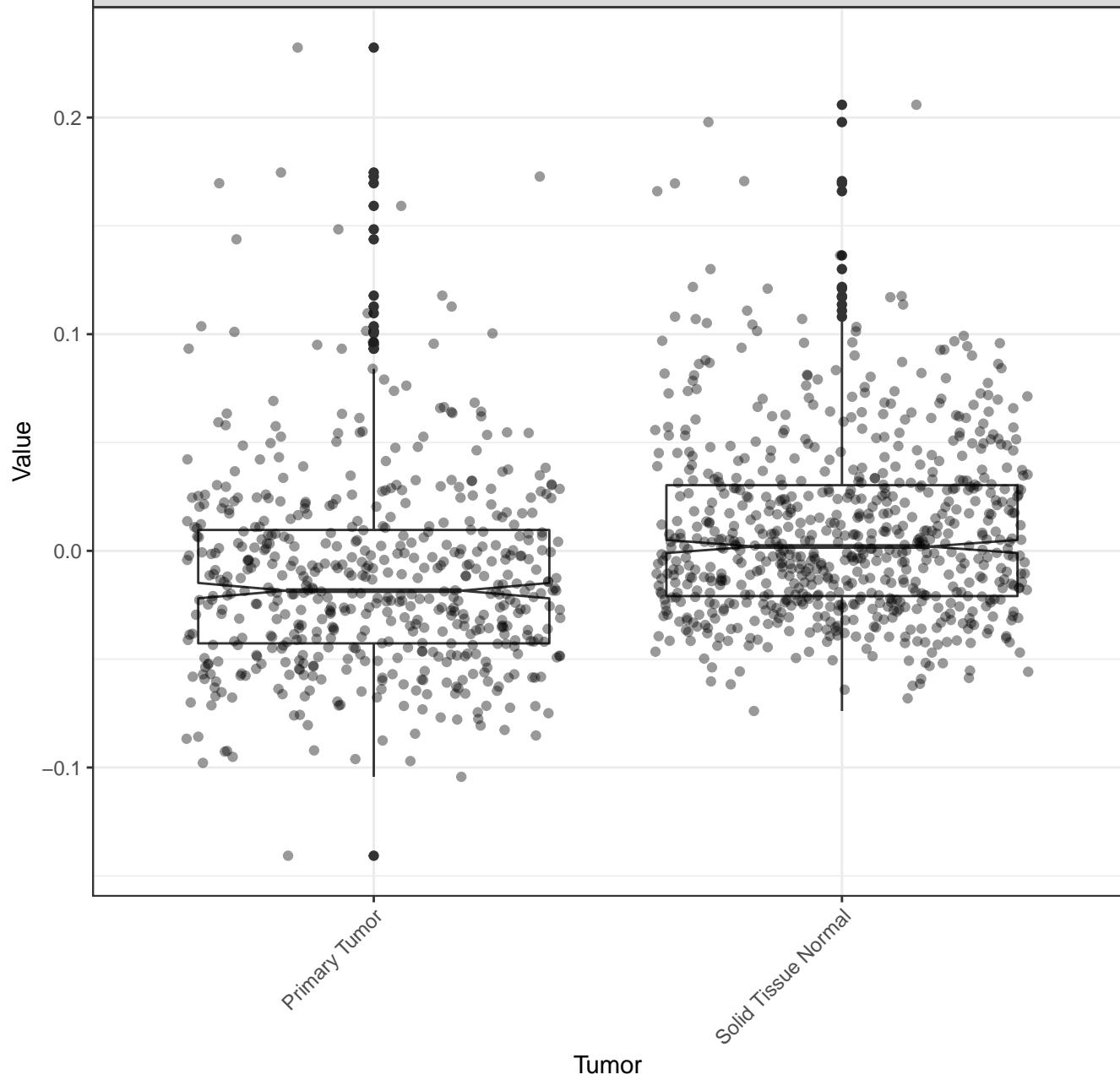
Primary Tumor

Solid Tissue Normal

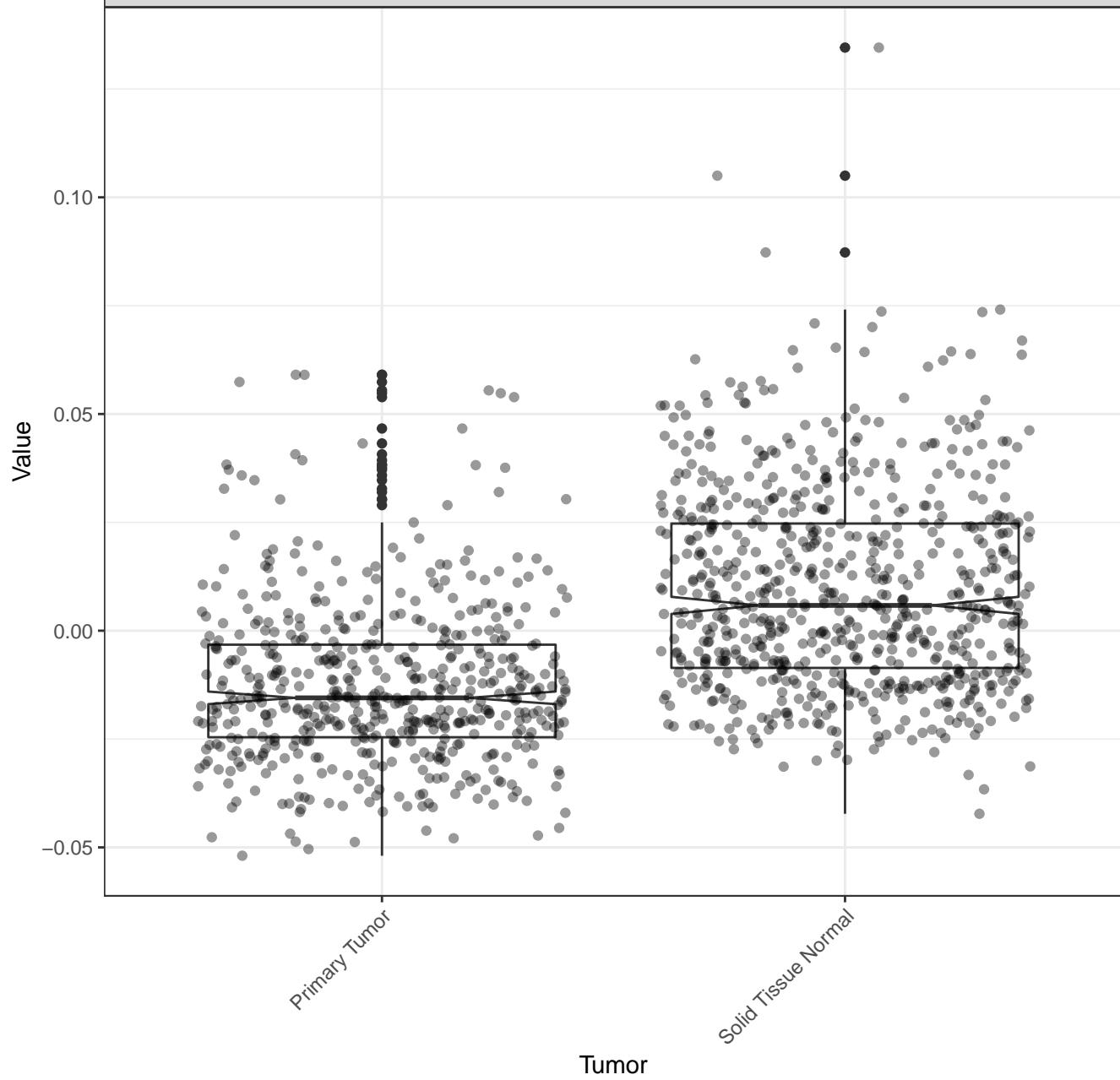
Tumor



# 216,KEGG\_PATHOGENIC\_ESCHERICHIA\_COLI\_INFECT



LV 217



Value

0.10

0.05

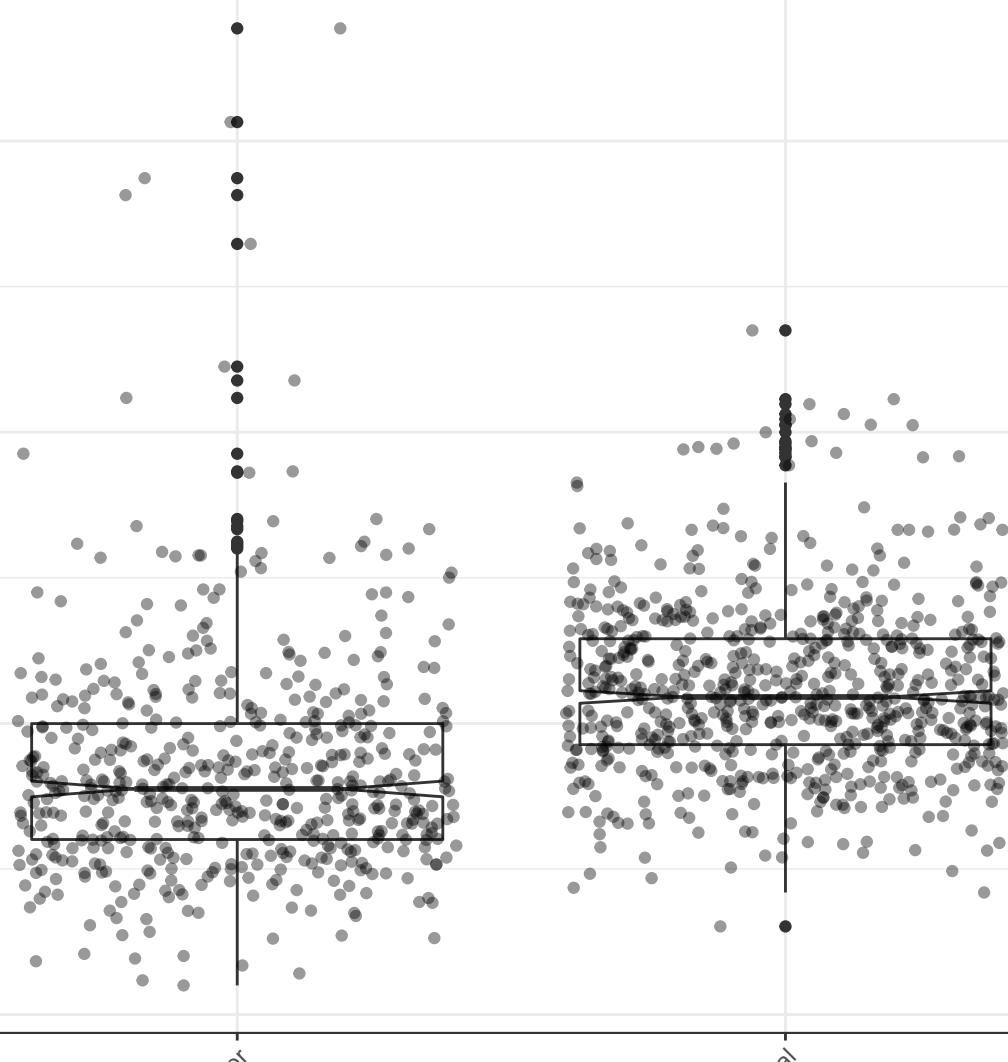
0.00

-0.05

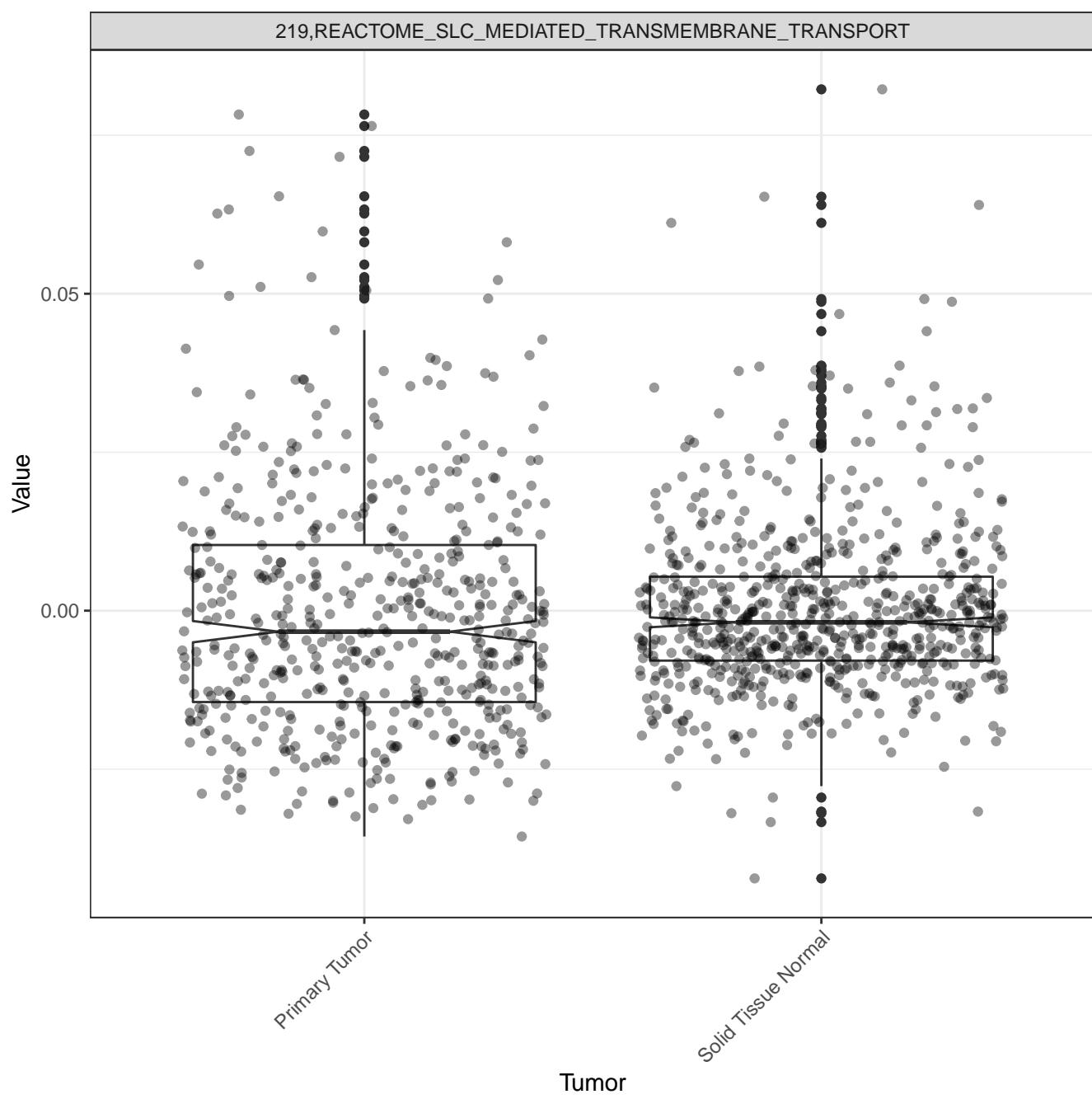
Primary Tumor

Solid Tissue Normal

Tumor



## 219,REACTOME\_SLC\_MEDIATED\_TRANSMEMBRANE\_TRANSPORT



220,REACTOME\_RIG\_I\_MDA5\_MEDIATED\_INDUCTION\_OF\_IFN\_ALPHA\_BETA\_PATHWAYS

Value

0.10

0.05

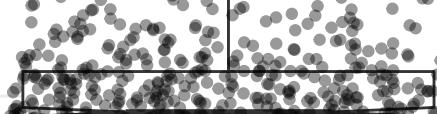
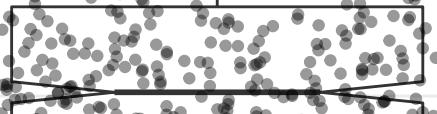
0.00

-0.05

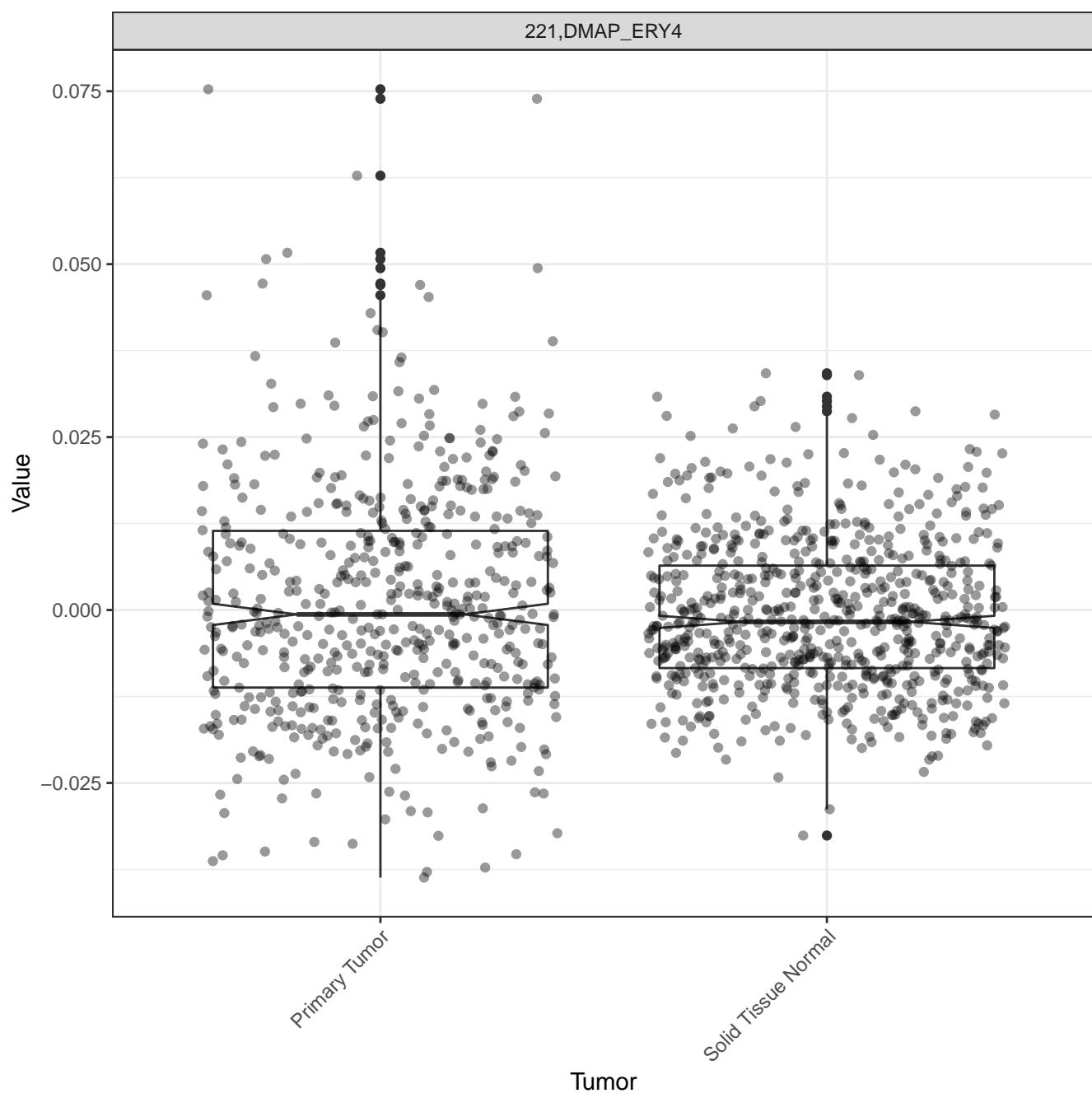
Primary Tumor

Solid Tissue Normal

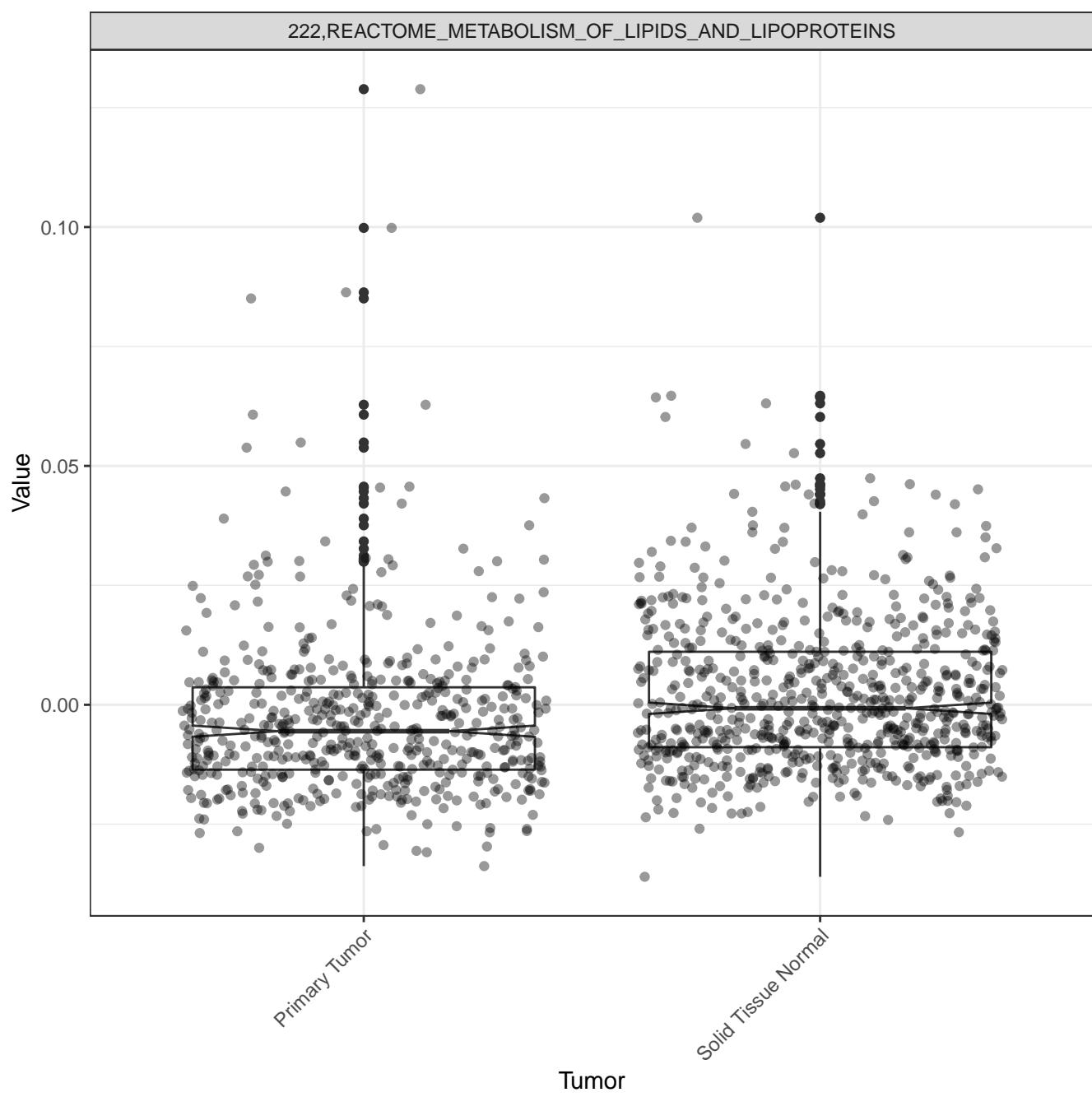
Tumor



## 221,DMAP\_ERY4



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



LV 223

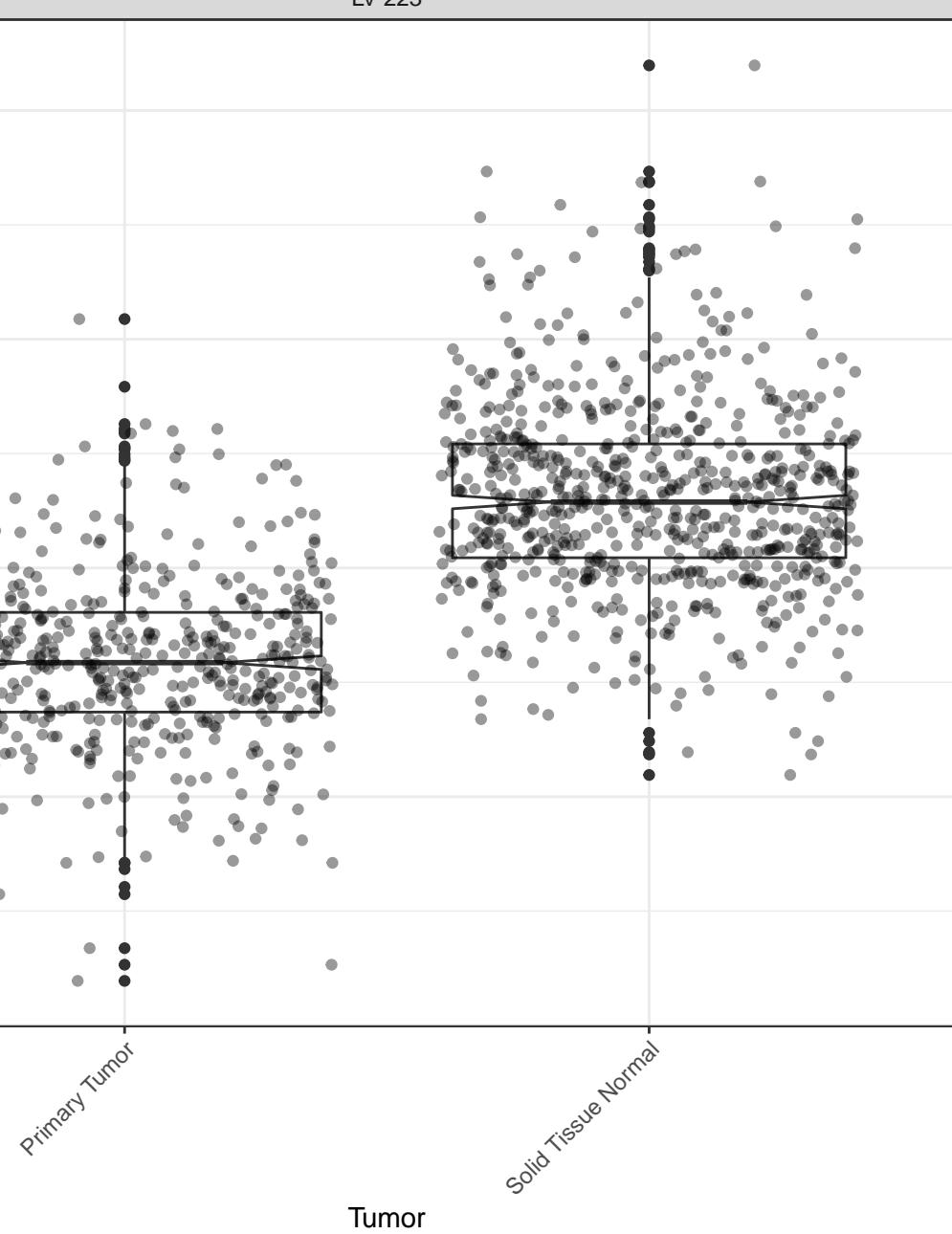
Value

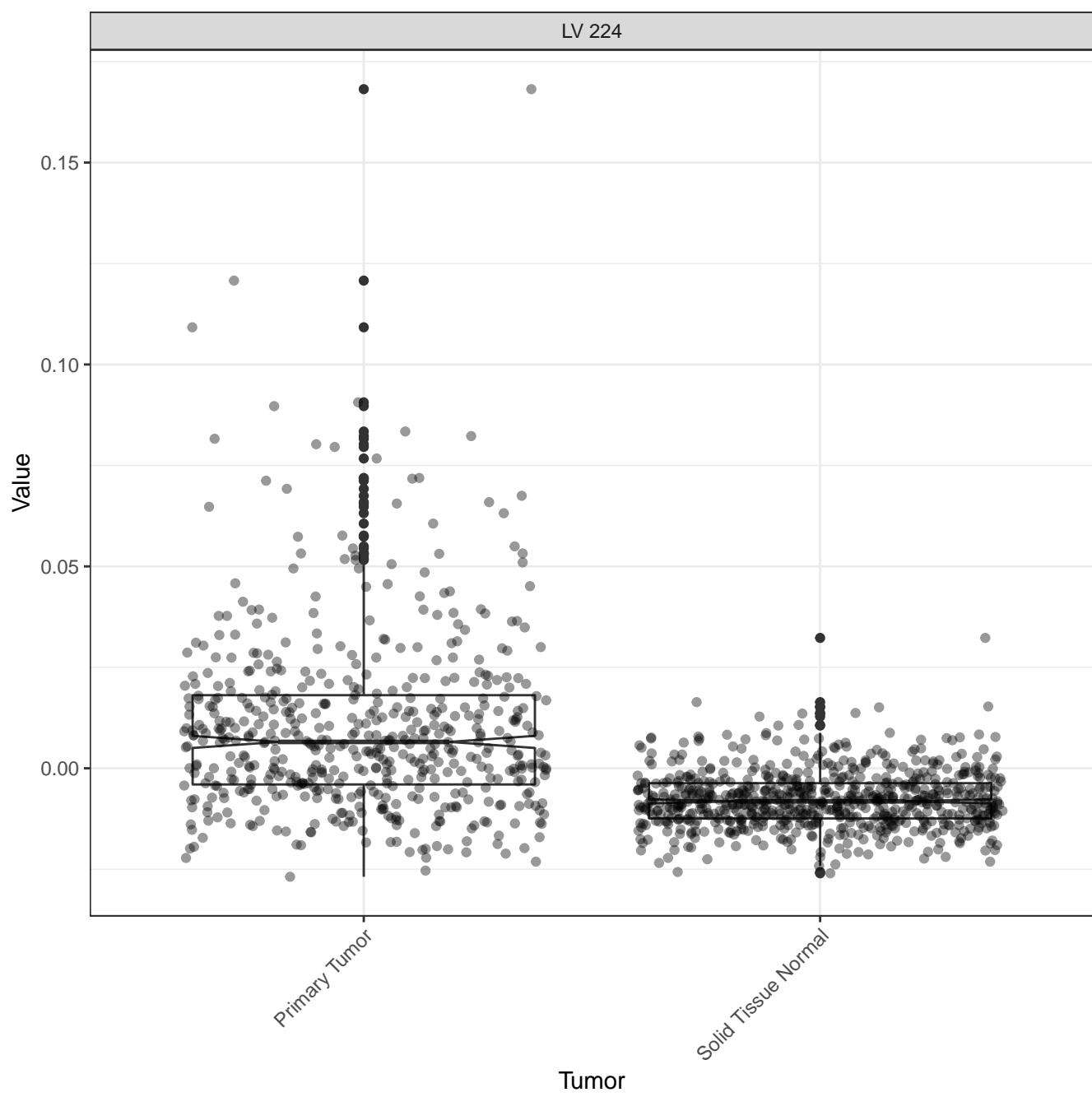
0.10  
0.05  
0.00  
-0.05  
-0.10

Primary Tumor

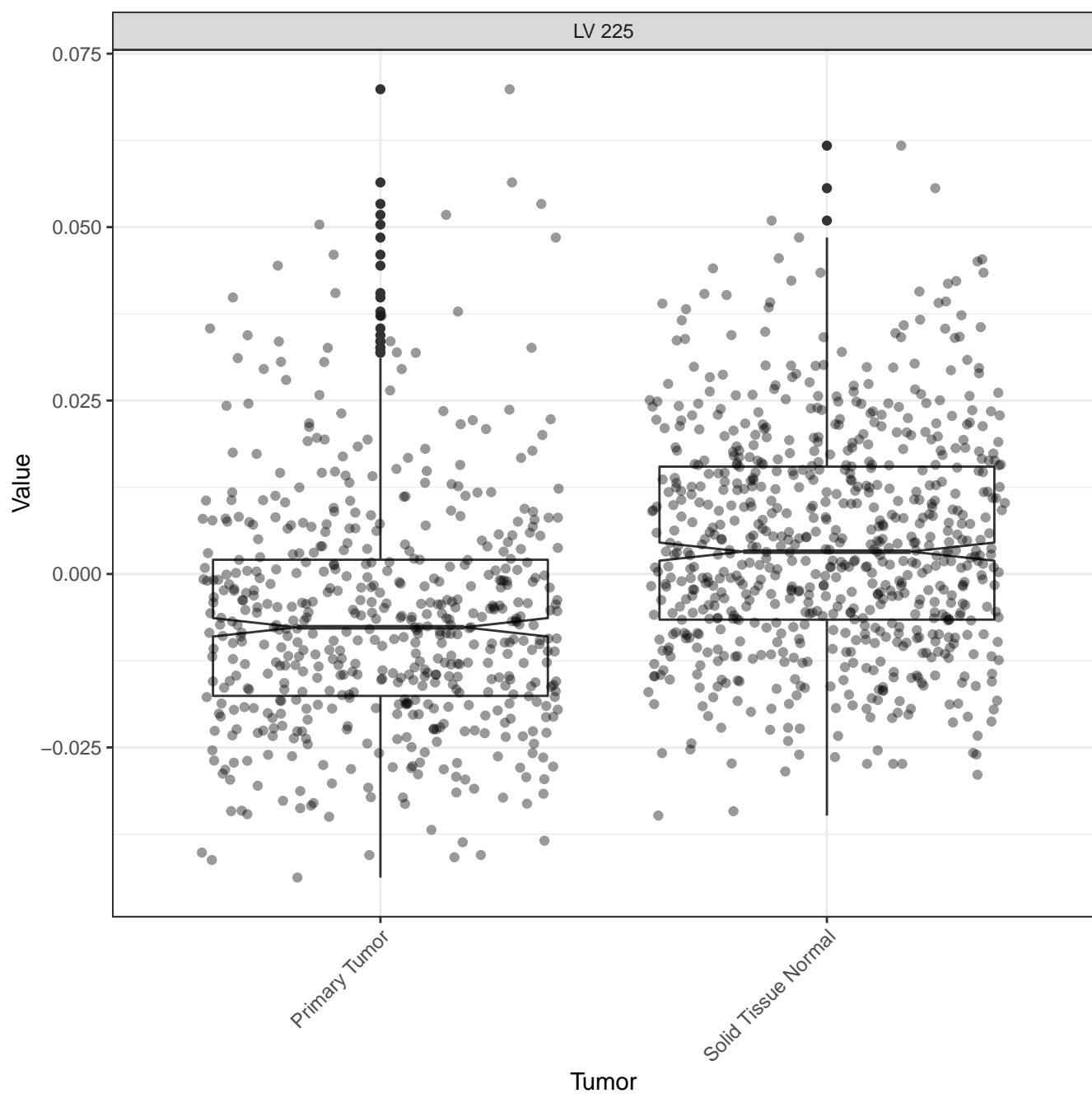
Solid Tissue Normal

Tumor

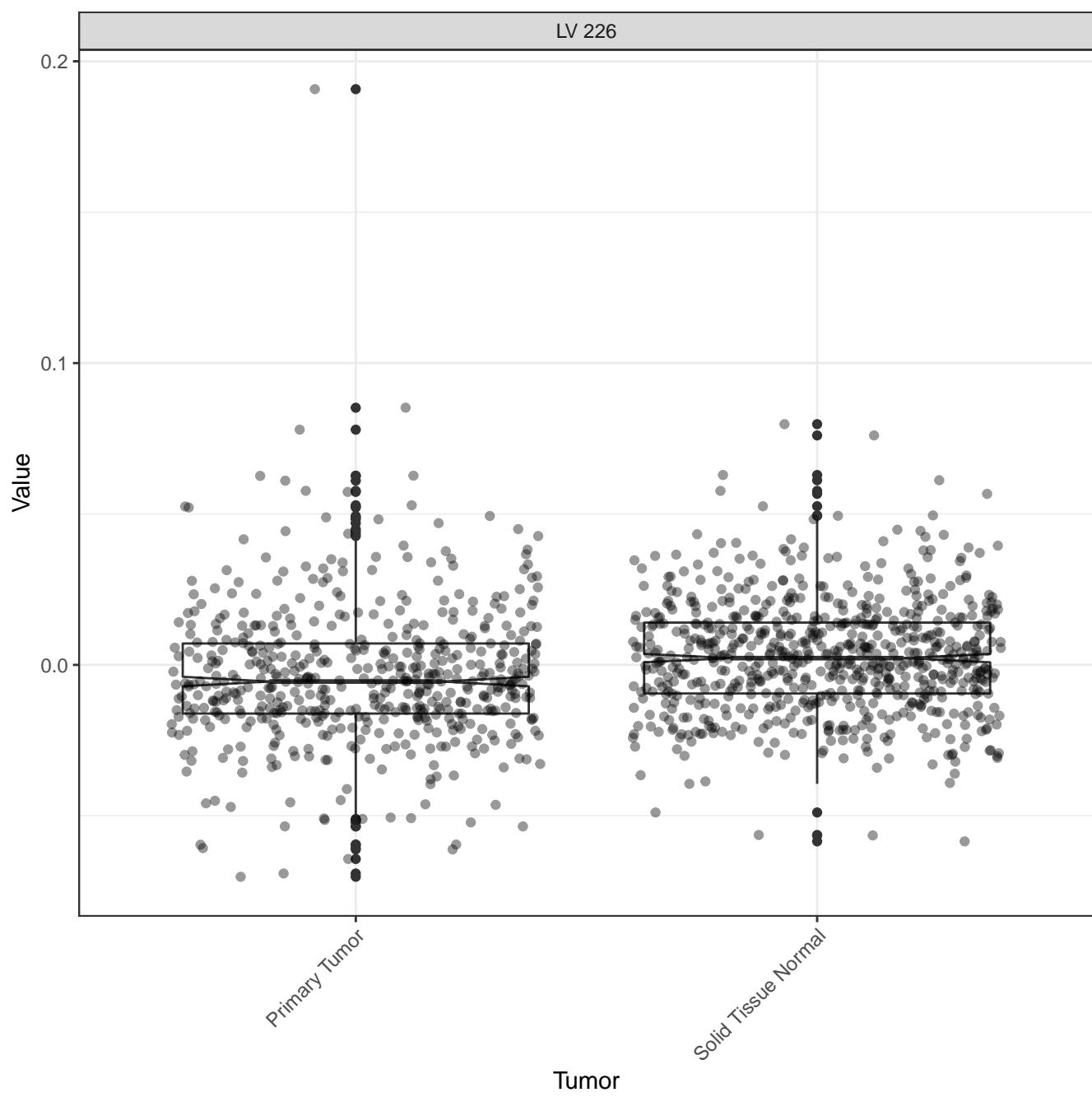




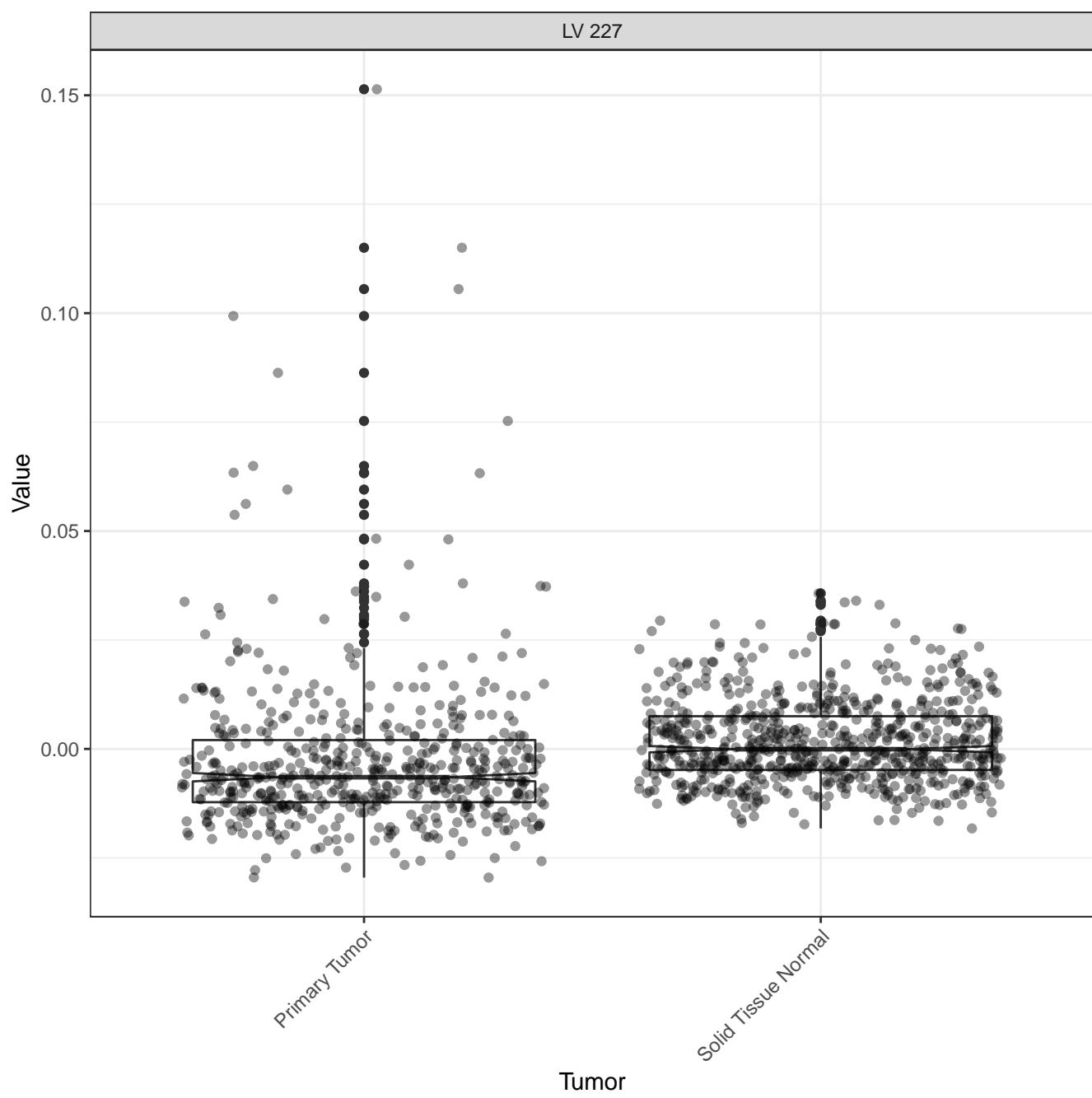
LV 225



LV 226

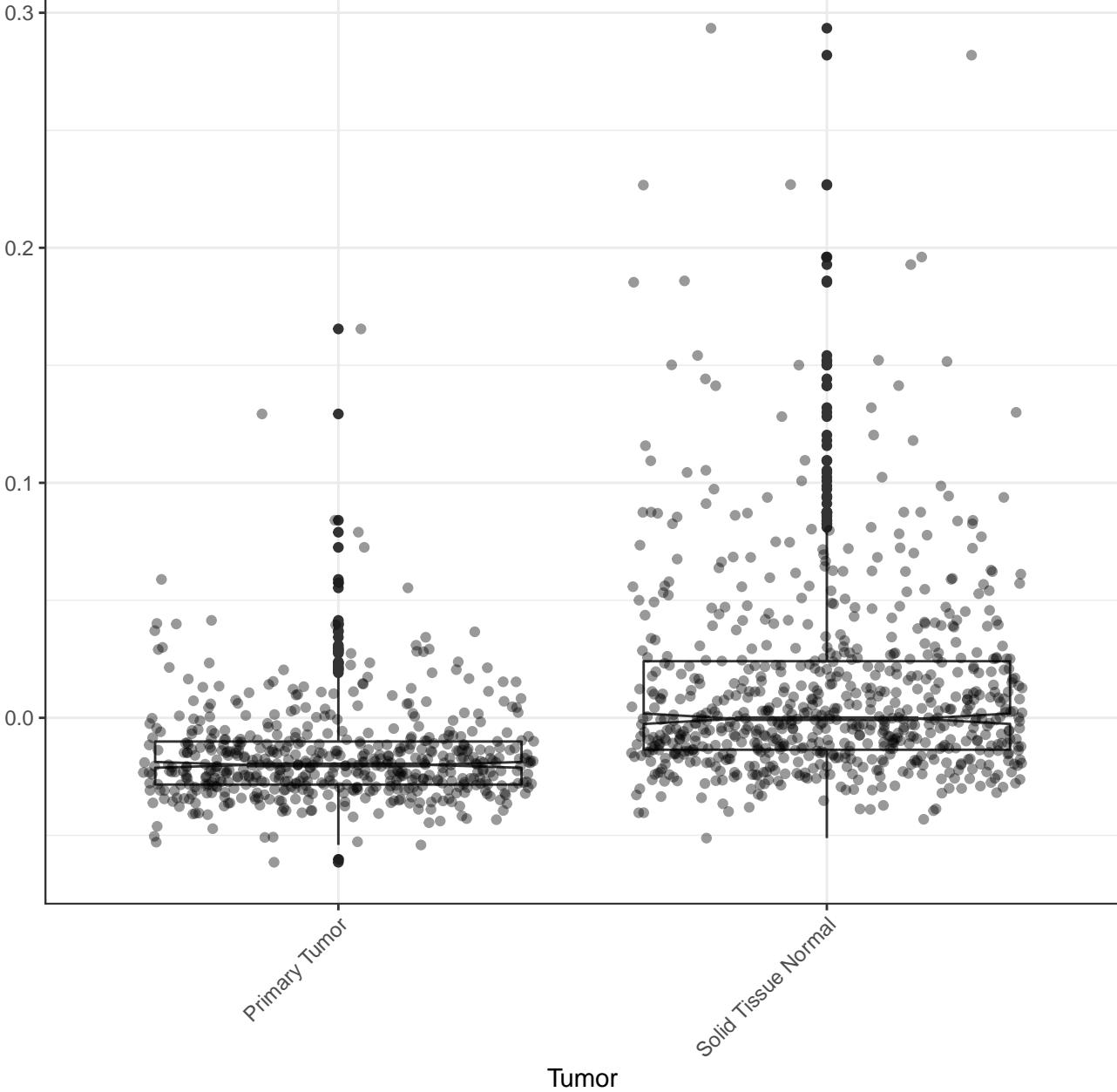


LV 227

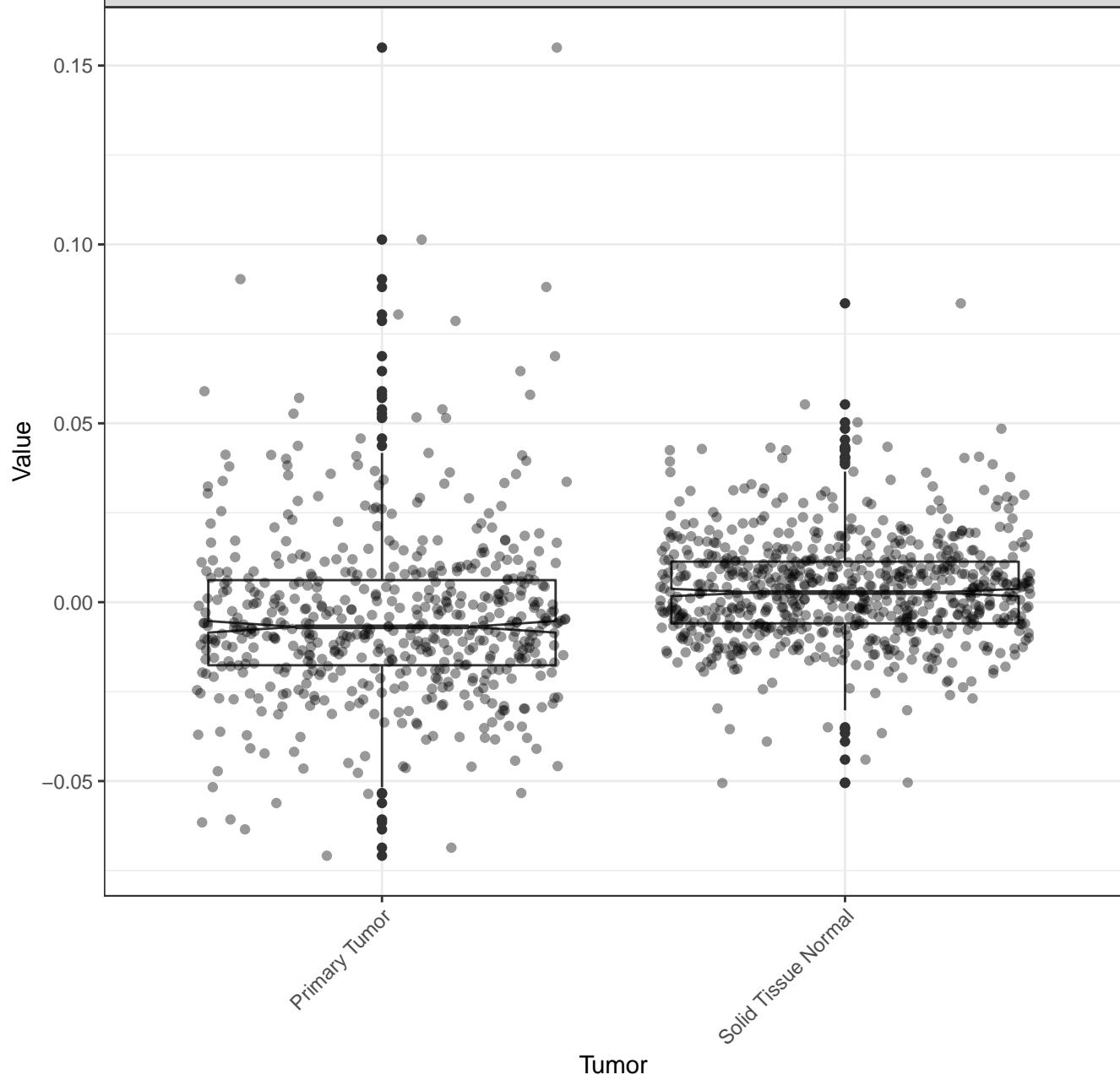


## 228,DMAP\_NKA3

Value



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



Value

0.05

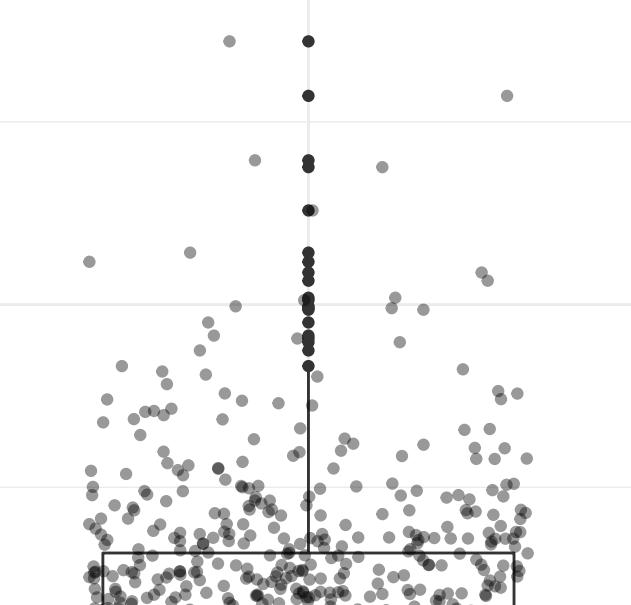
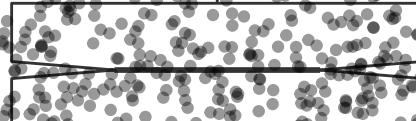
0.00

-0.05

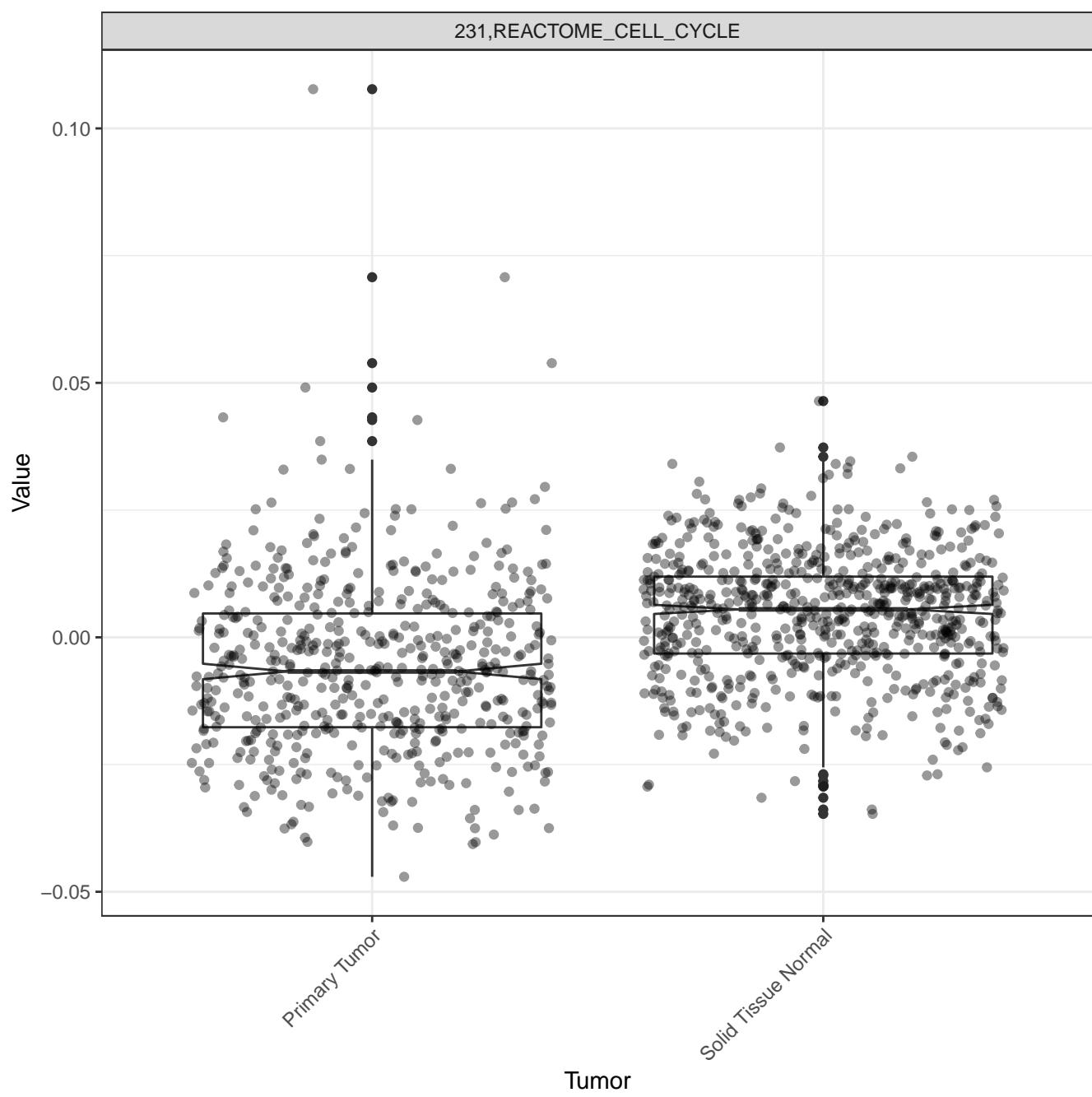
Primary Tumor

Solid Tissue Normal

Tumor



## 231,REACTOME\_CELL\_CYCLE



Value

0.05

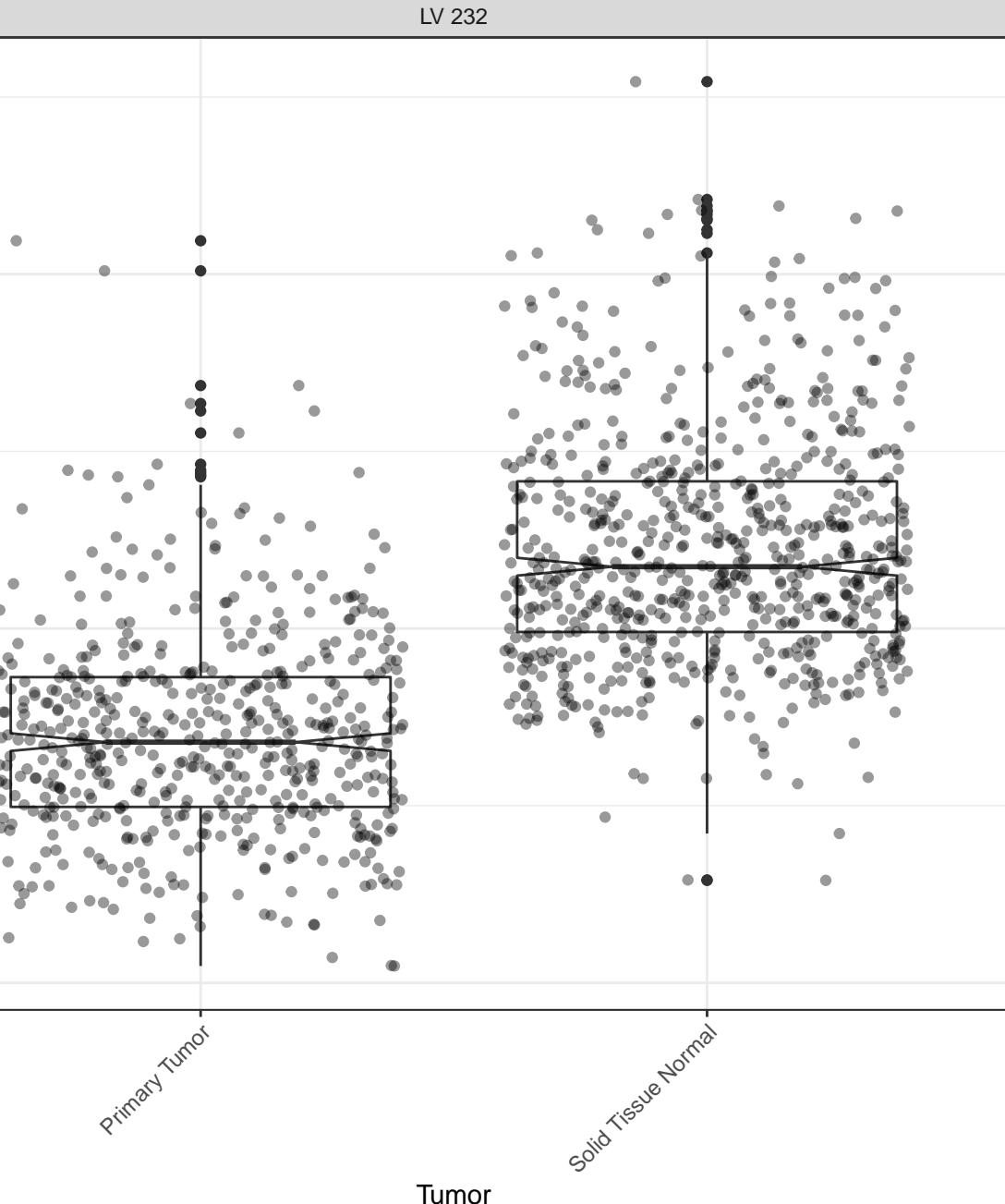
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



Value

0.10

0.05

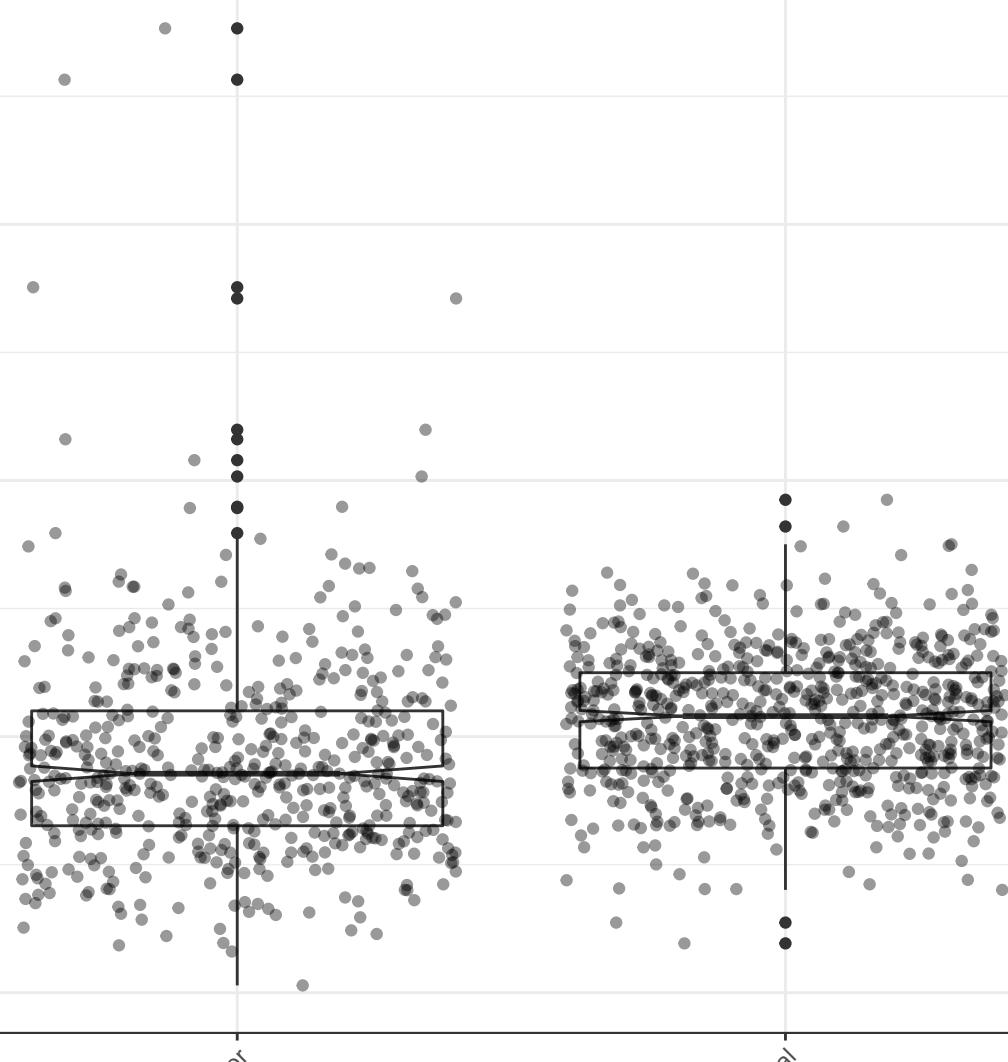
0.00

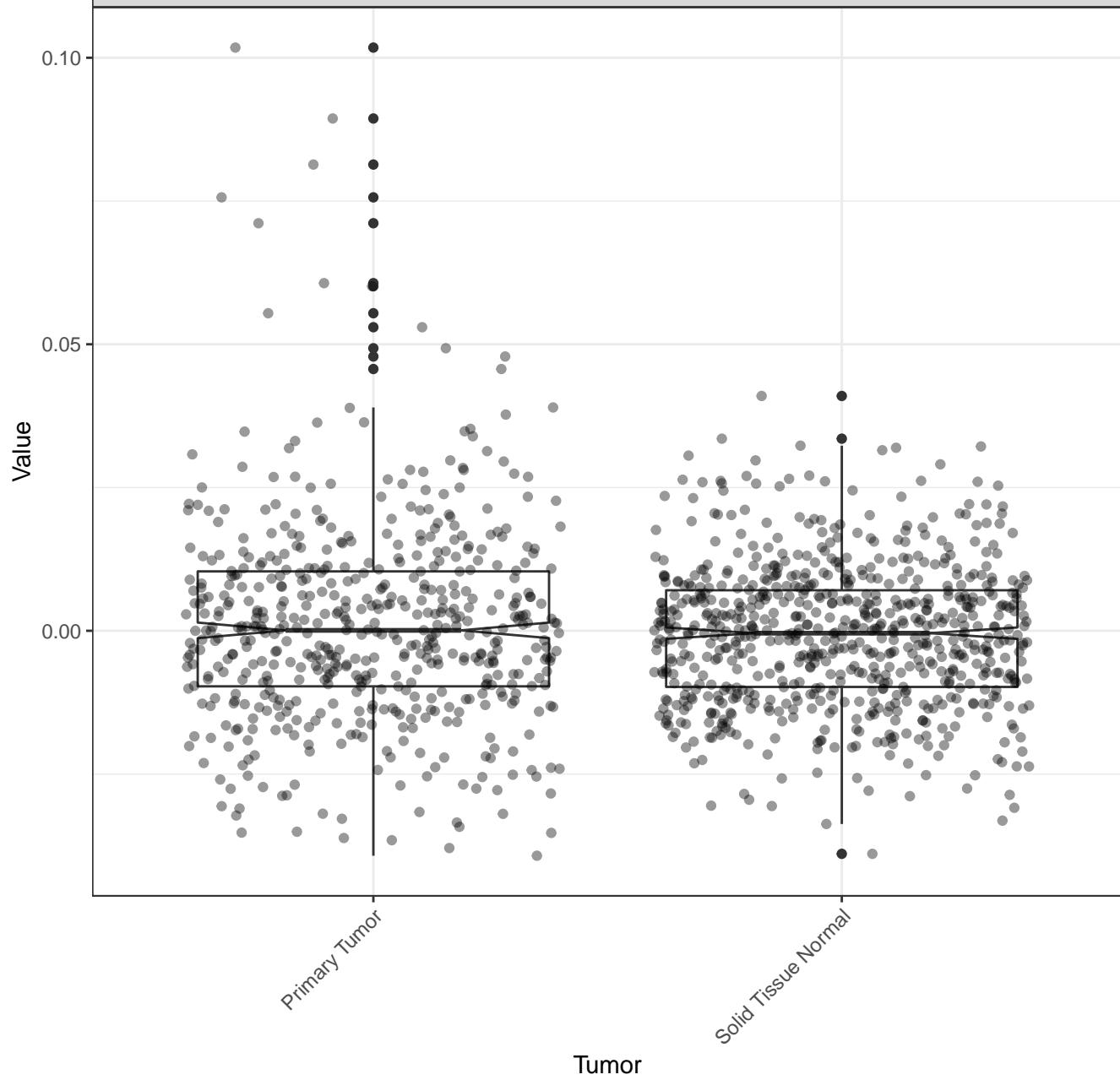
-0.05

Primary Tumor

Solid Tissue Normal

Tumor





LV 235

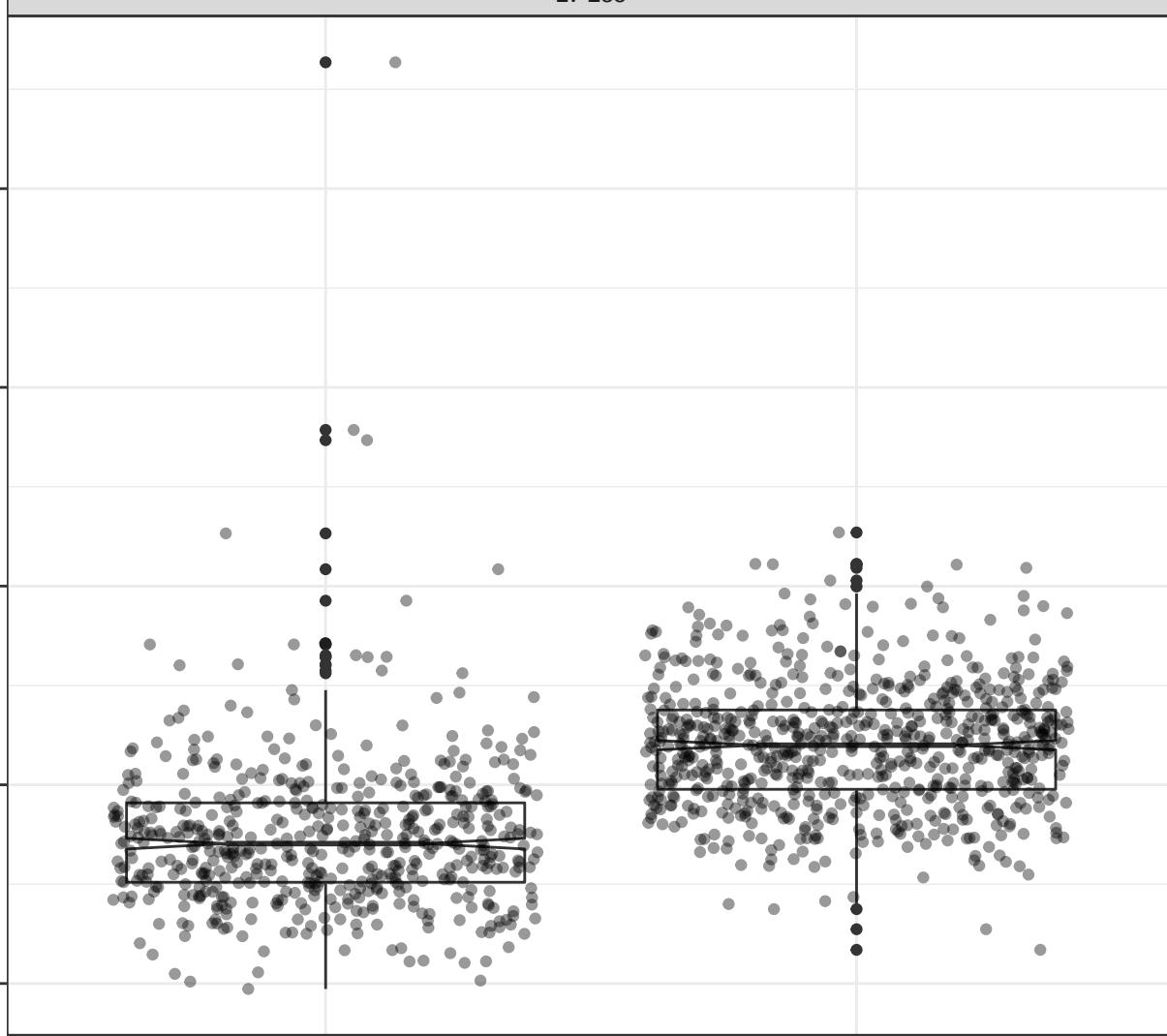
Value

0.15  
0.10  
0.05  
0.00  
-0.05

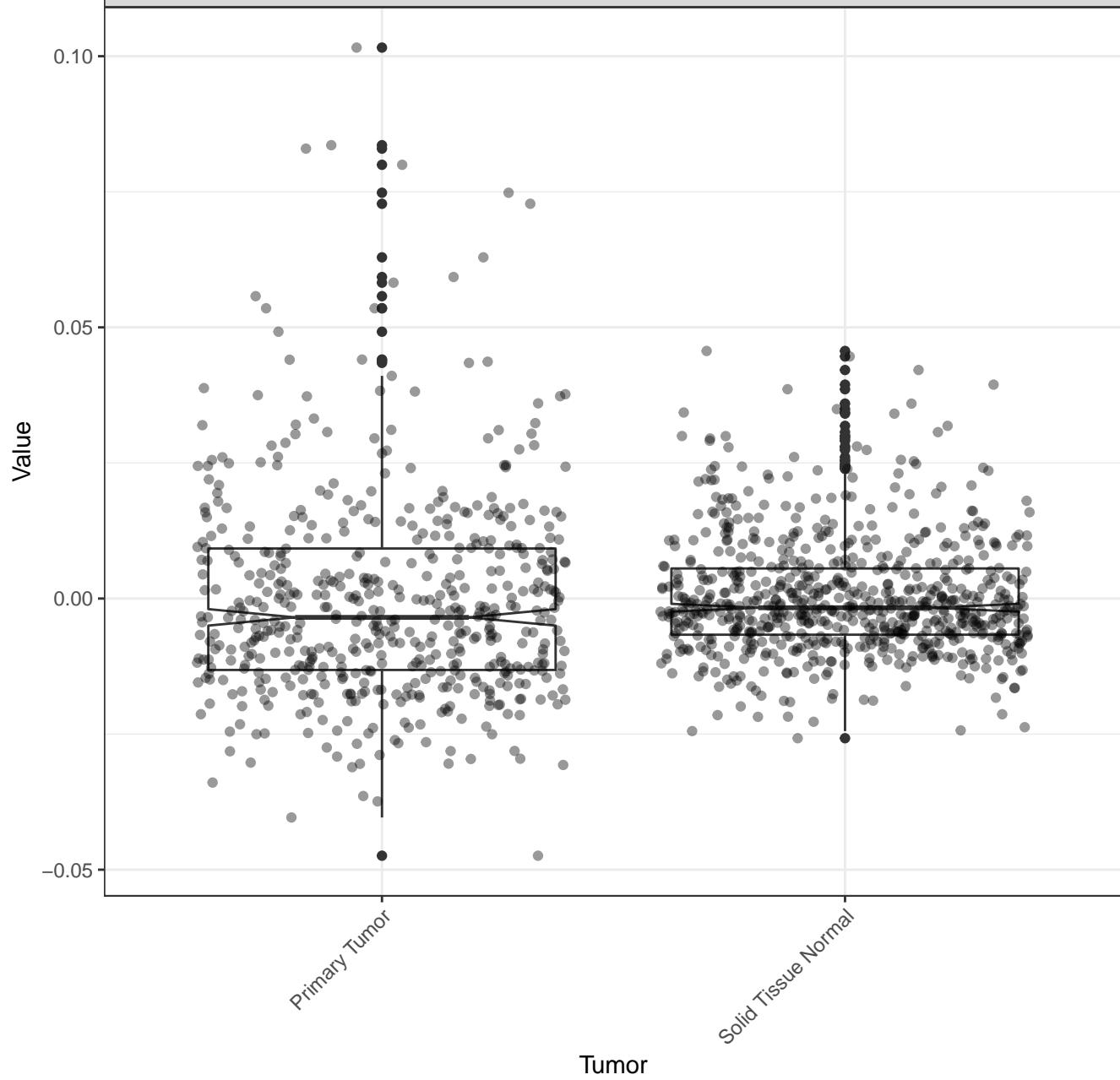
Primary Tumor

Solid Tissue Normal

Tumor

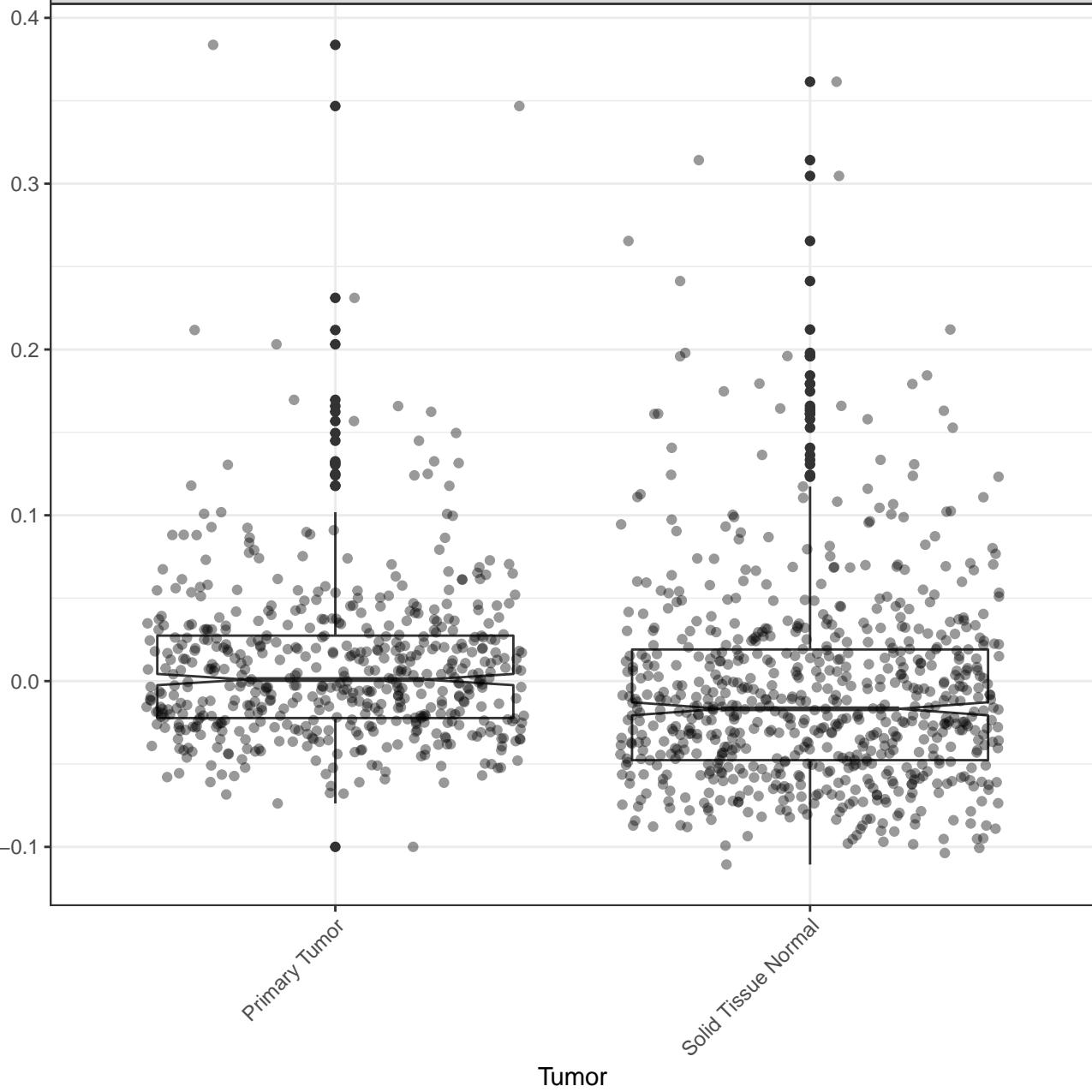


## 236,REACTOME\_MEIOSIS

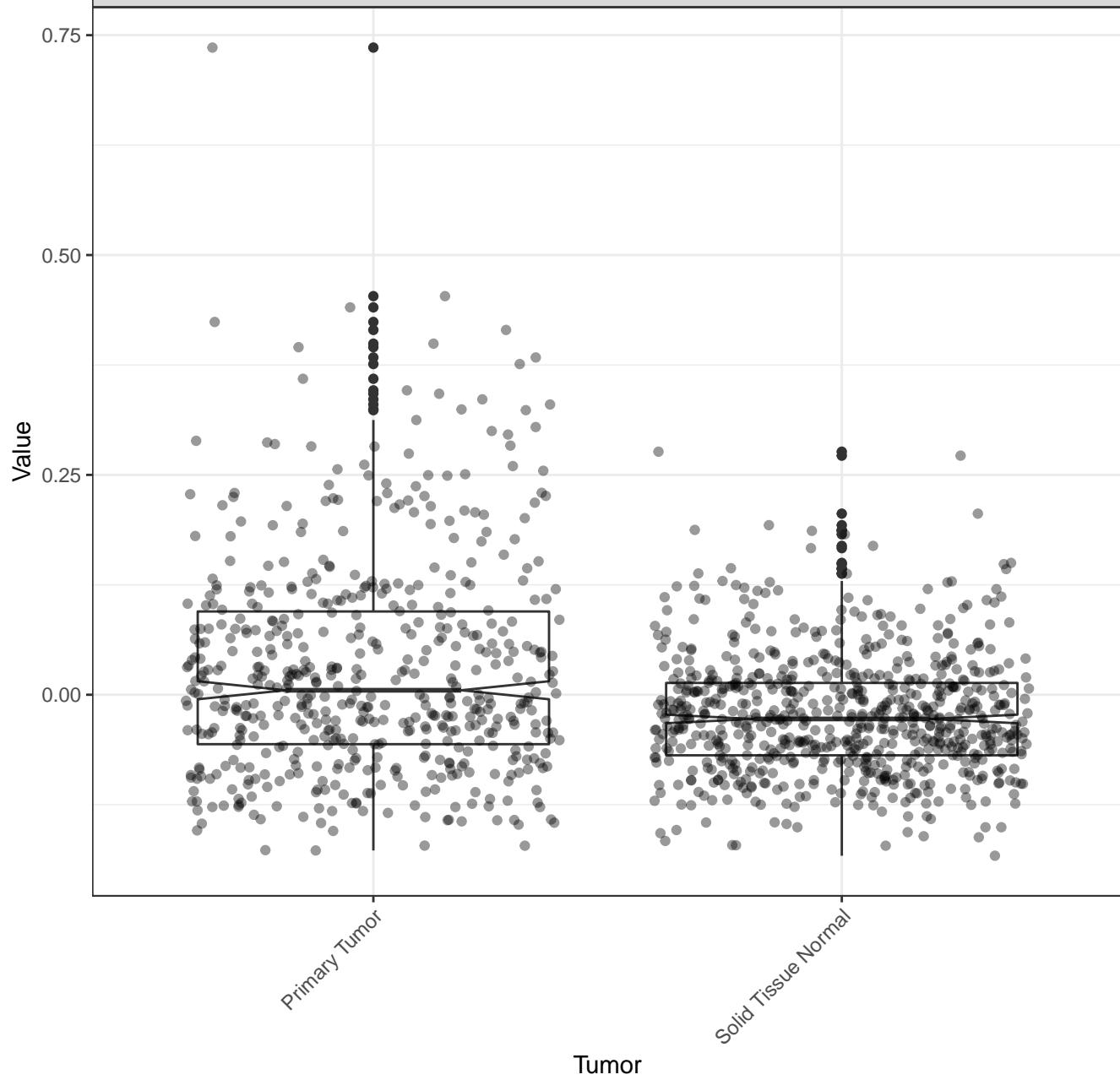


### 237,SVM Macrophages M0

Value



238,REACTOME\_MRNA\_PROCESSING



LV 239

Value

0.10

0.05

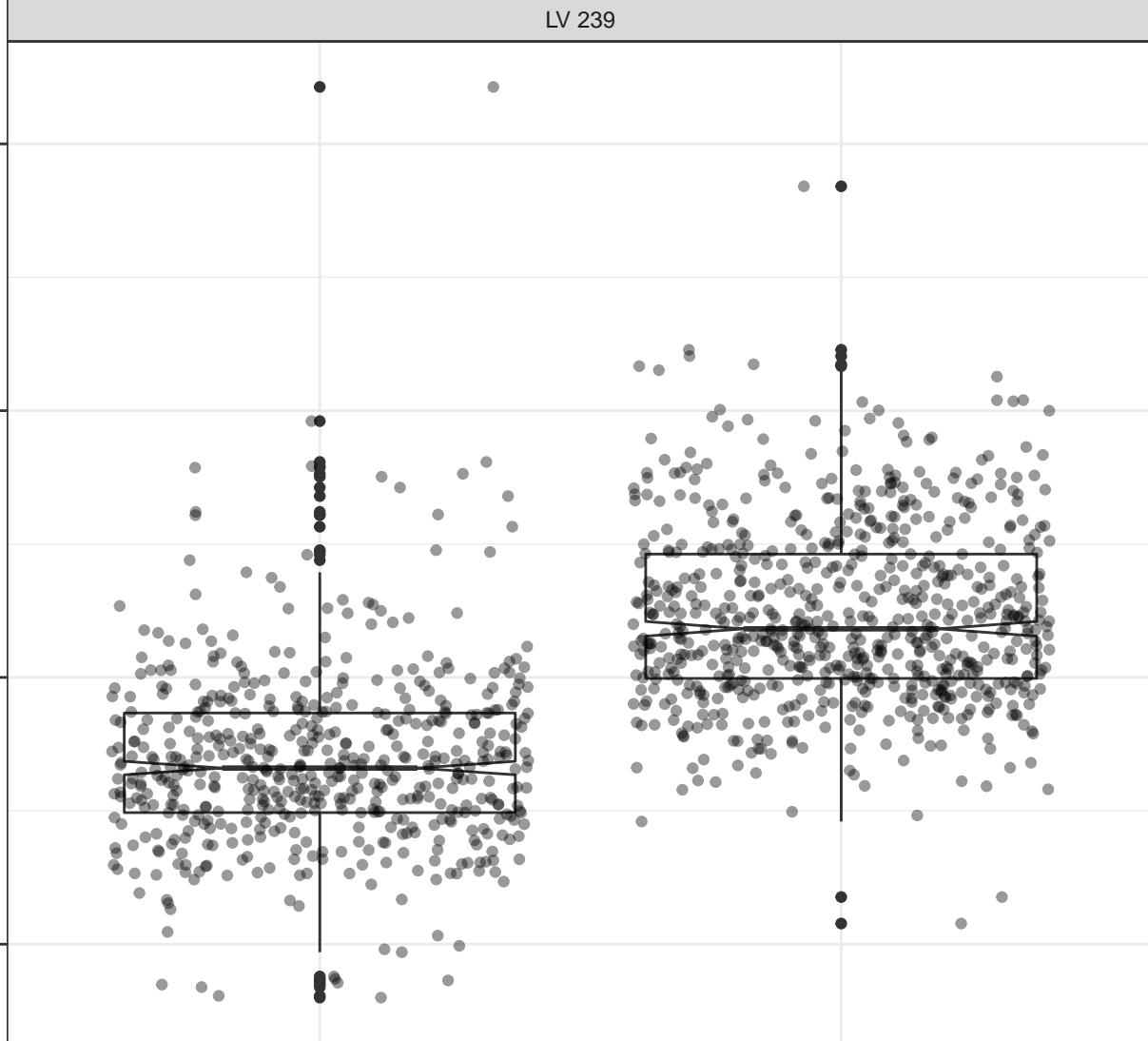
0.00

-0.05

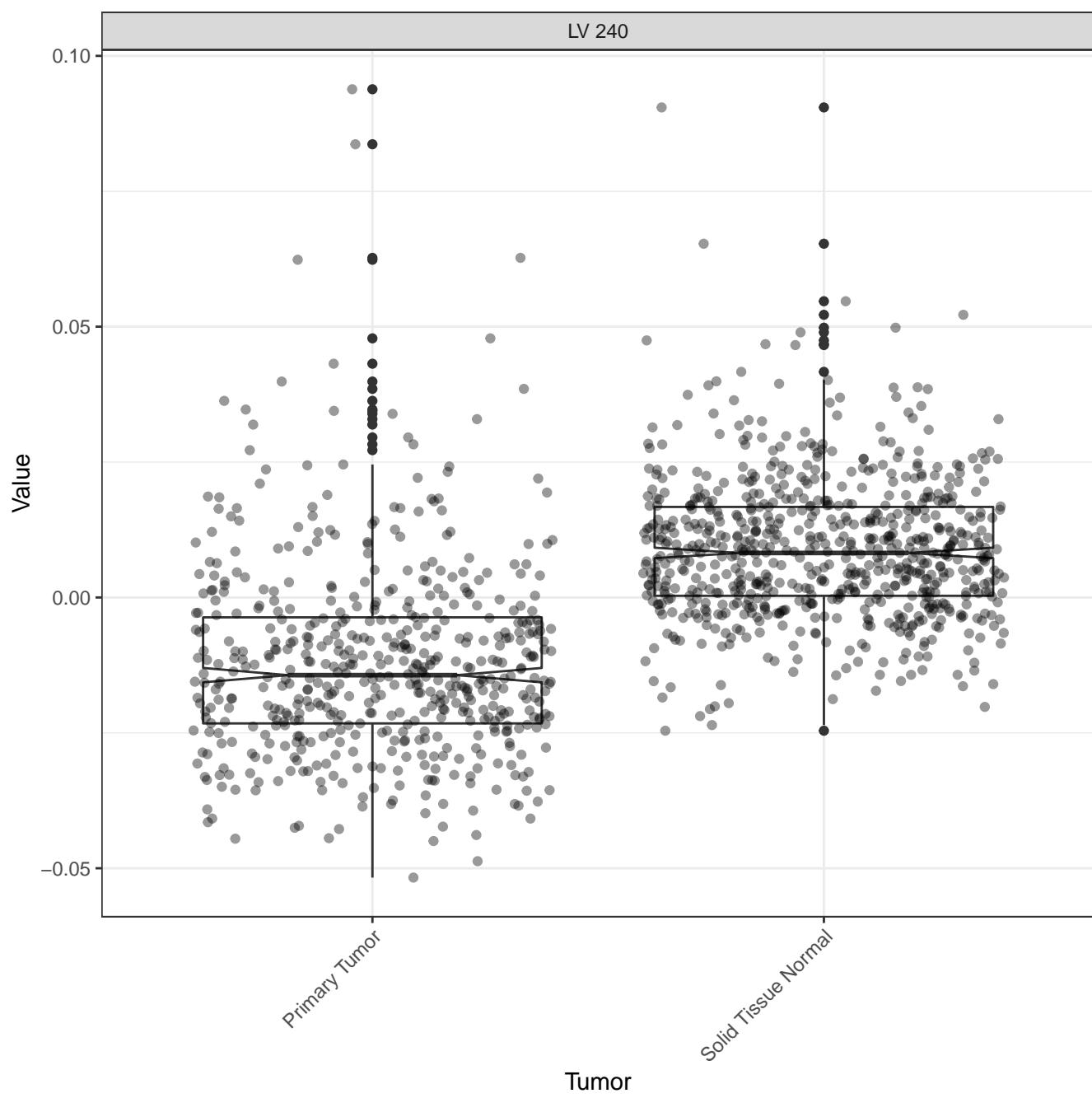
Primary Tumor

Solid Tissue Normal

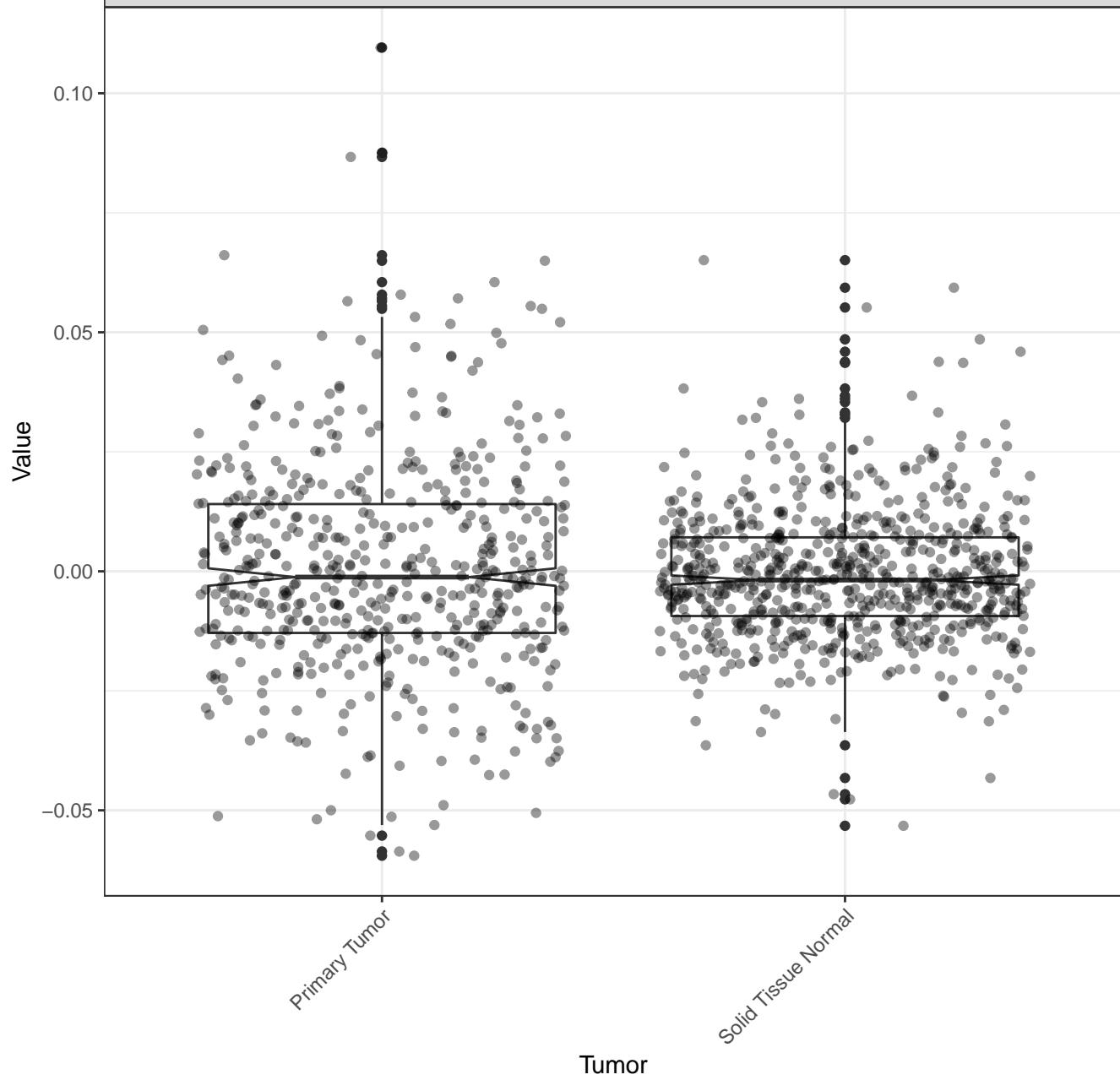
Tumor



LV 240



## 241,KEGG\_GLIOMA



Value

0.05

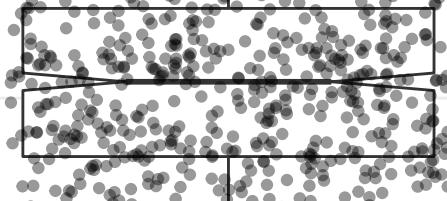
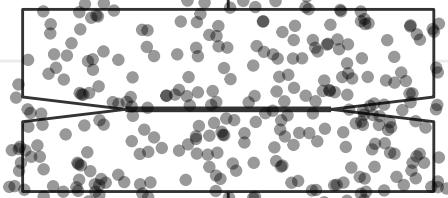
0.00

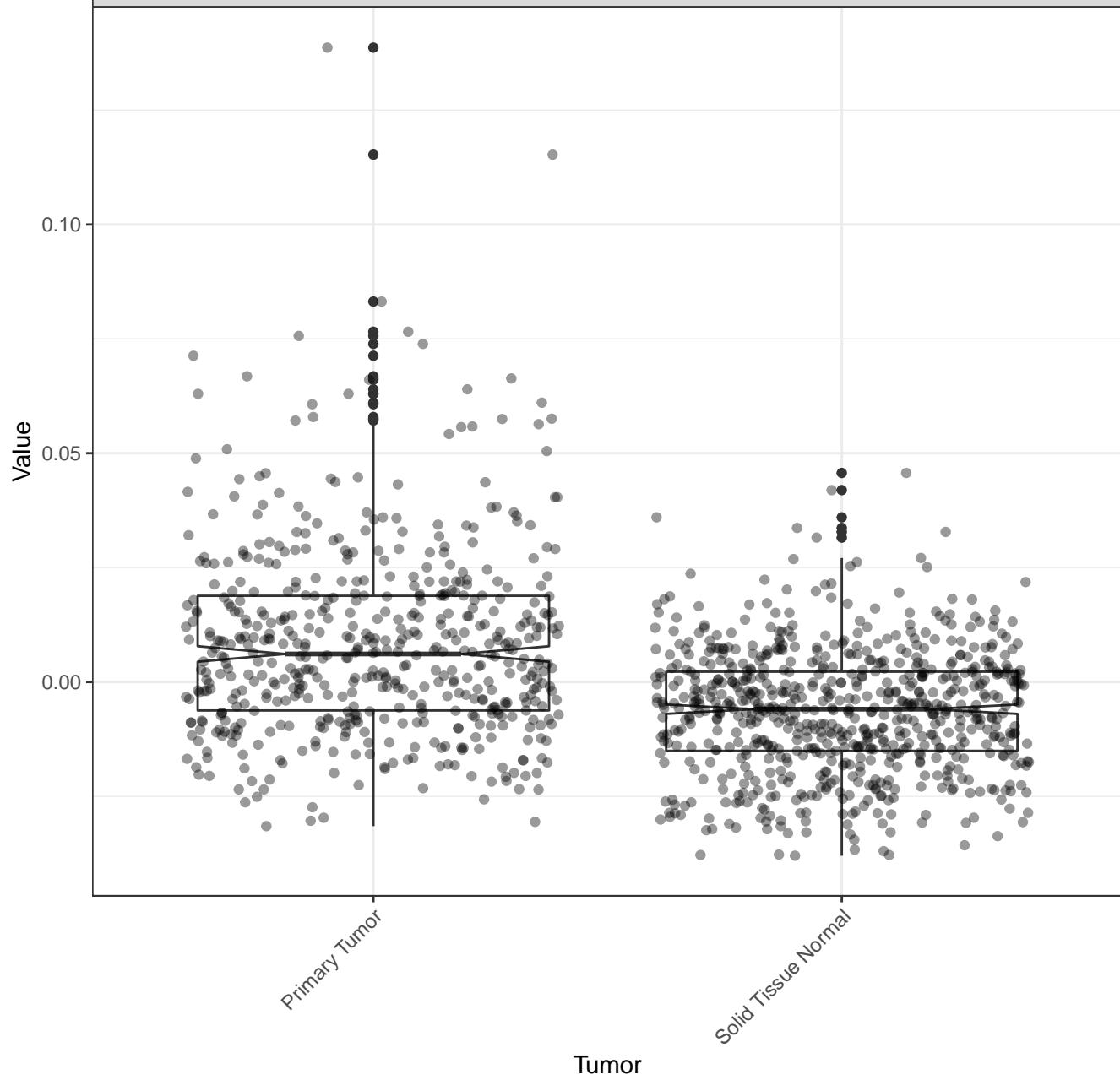
-0.05

Primary Tumor

Solid Tissue Normal

Tumor





LV 244

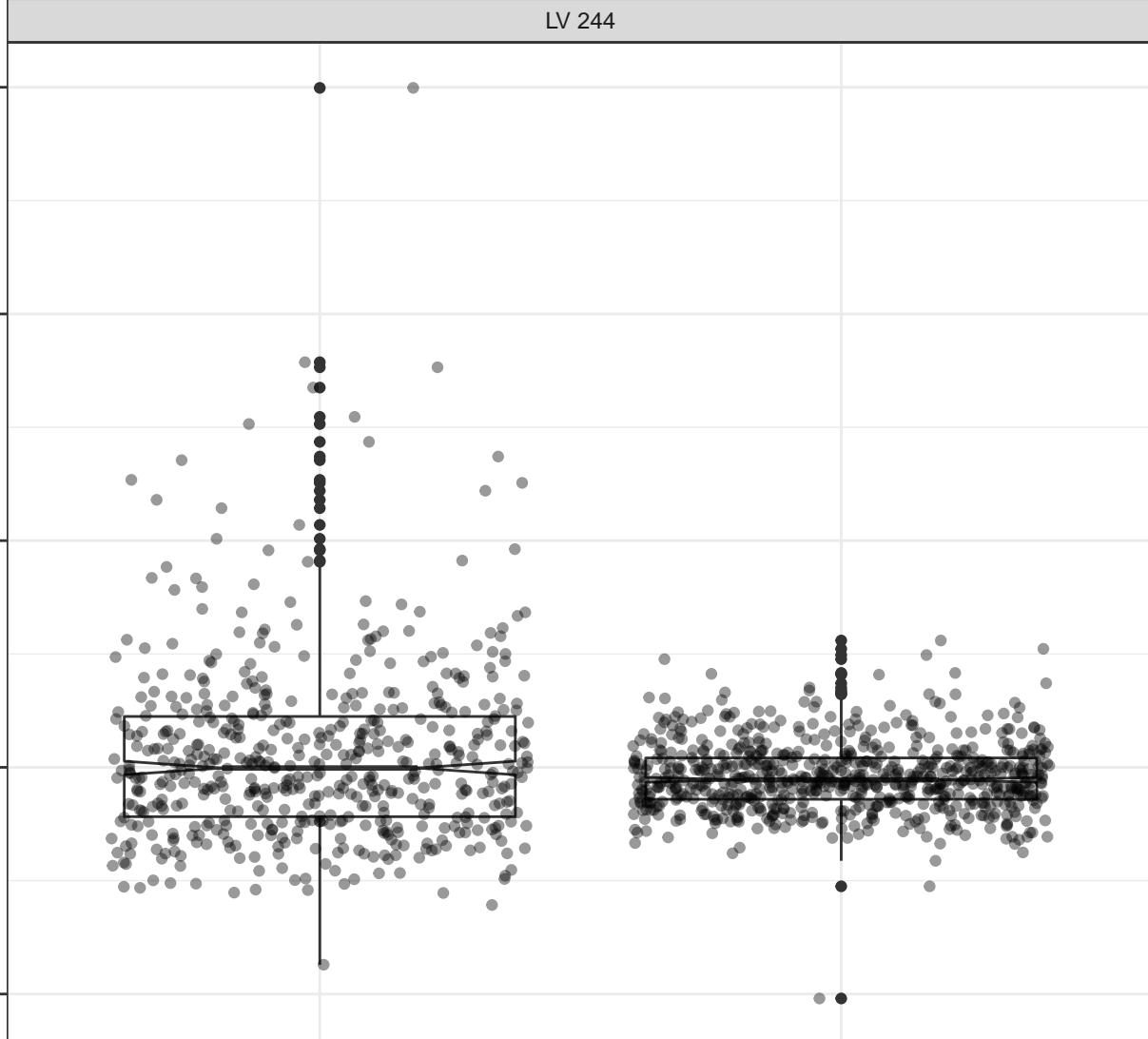
Value

0.15  
0.10  
0.05  
0.00  
-0.05

Primary Tumor

Solid Tissue Normal

Tumor



LV 245

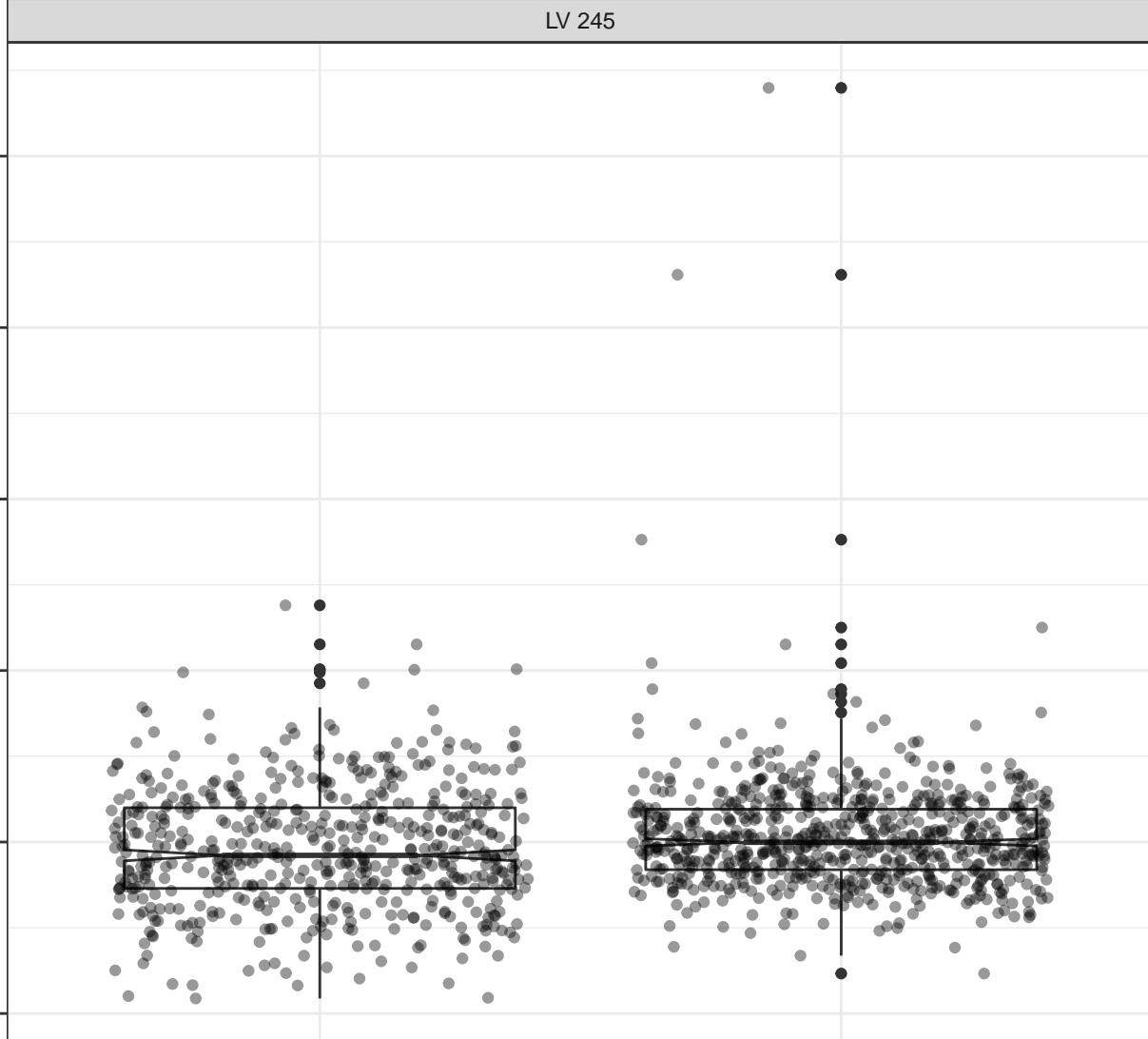
Value

0.20  
0.15  
0.10  
0.05  
0.00  
-0.05

Primary Tumor

Solid Tissue Normal

Tumor



LV 246

Value

0.06

0.03

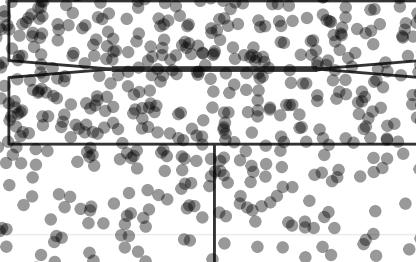
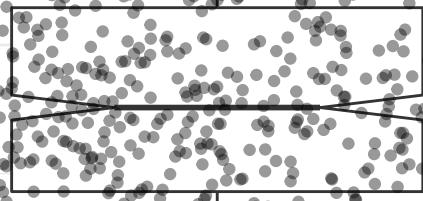
0.00

-0.03

Primary Tumor

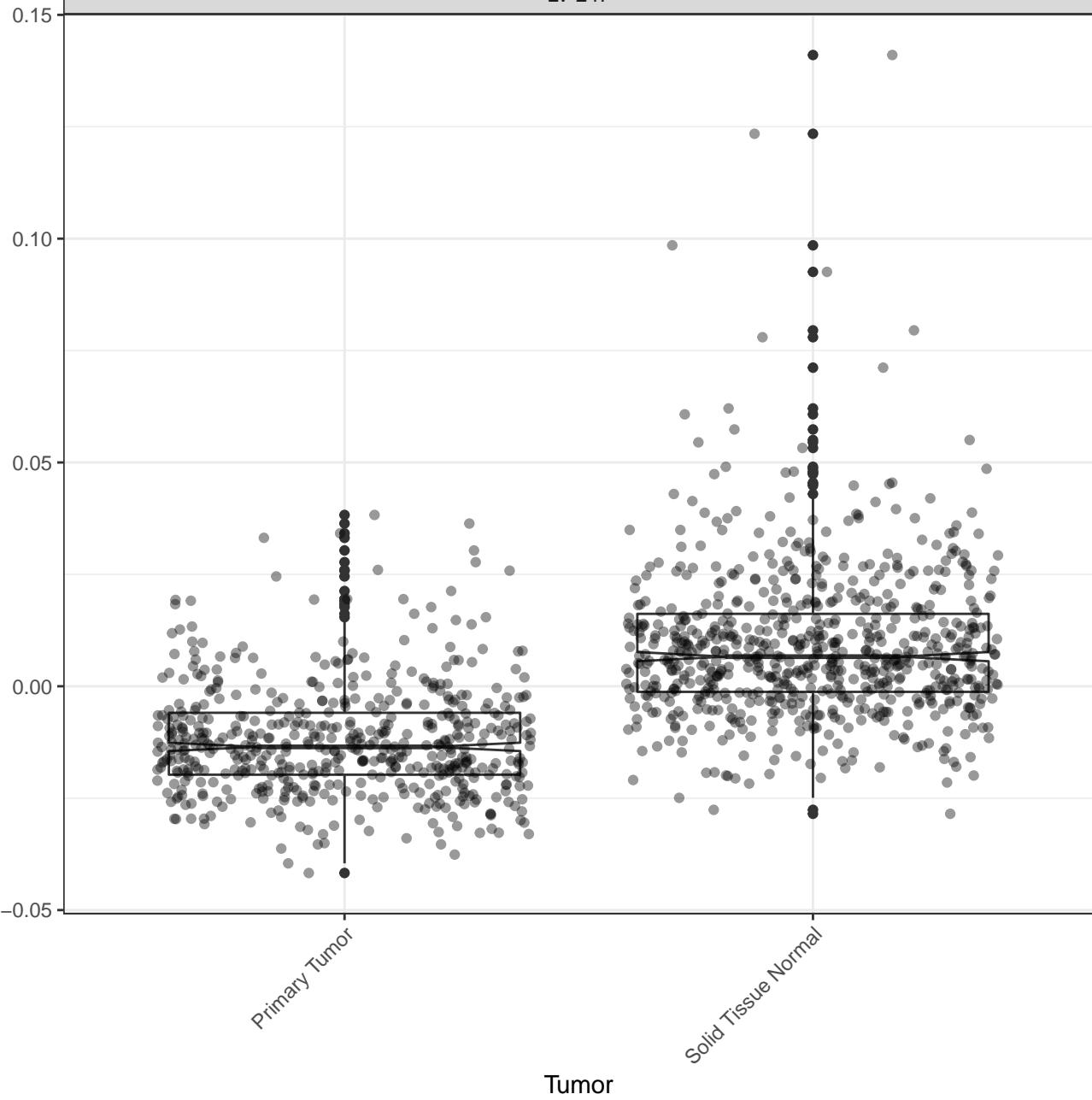
Solid Tissue Normal

Tumor



LV 247

Value



## 248,REACTOME\_EXTRACELLULAR\_MATRIX\_ORGANIZATION

Value

0.2

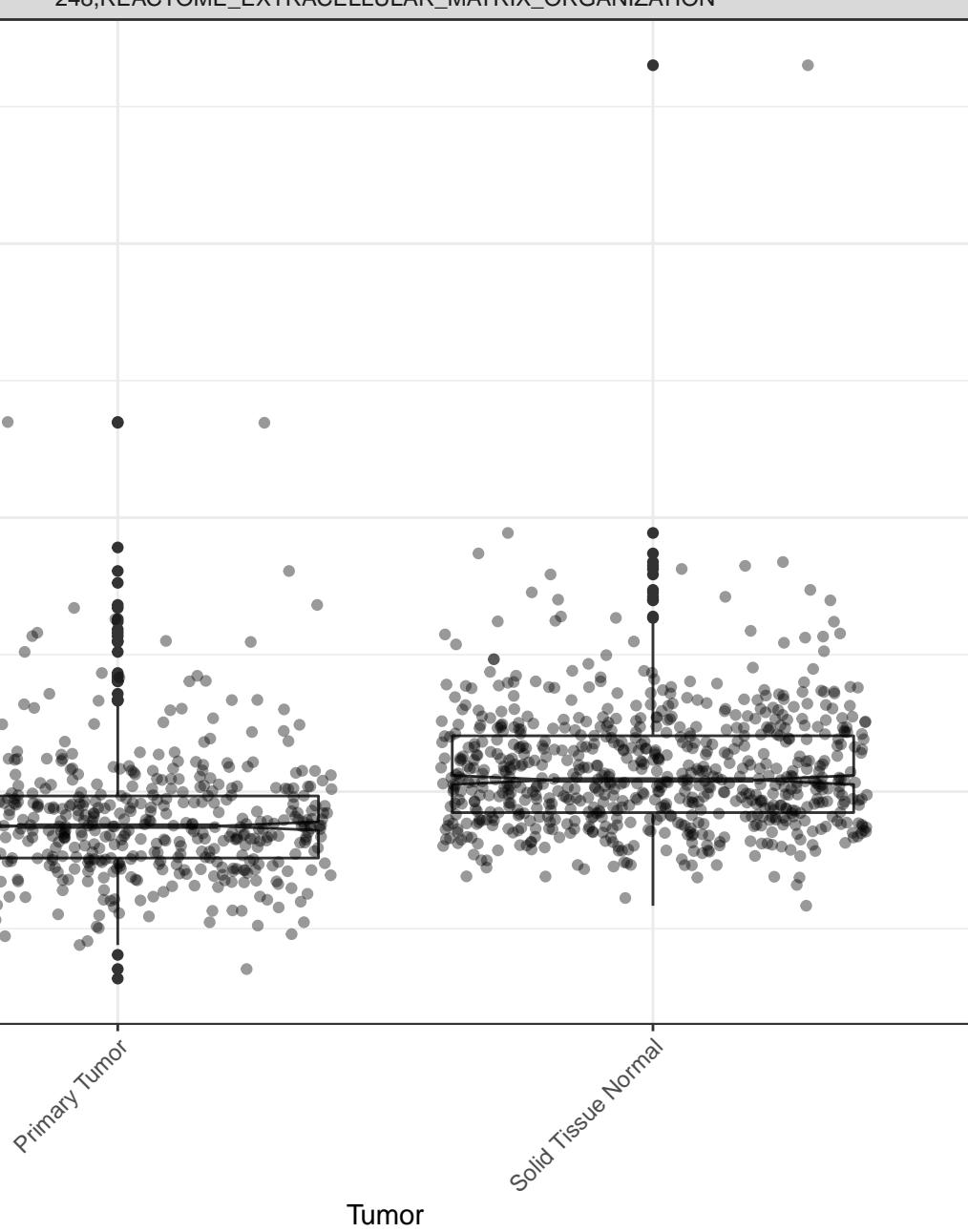
0.1

0.0

Primary Tumor

Solid Tissue Normal

Tumor



LV 249

Value

0.10

0.05

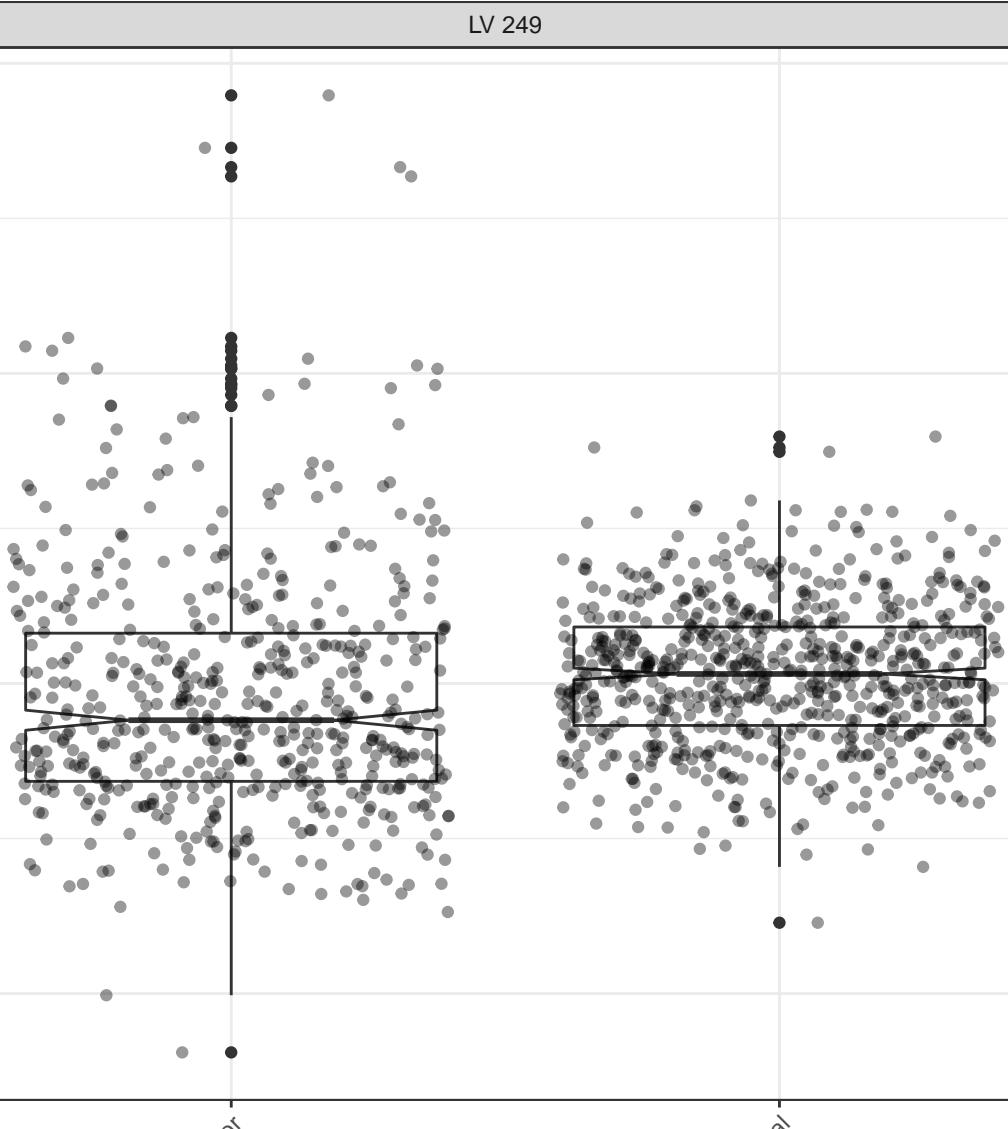
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



## 250,DMAP\_HSC1

Value

0.10

0.05

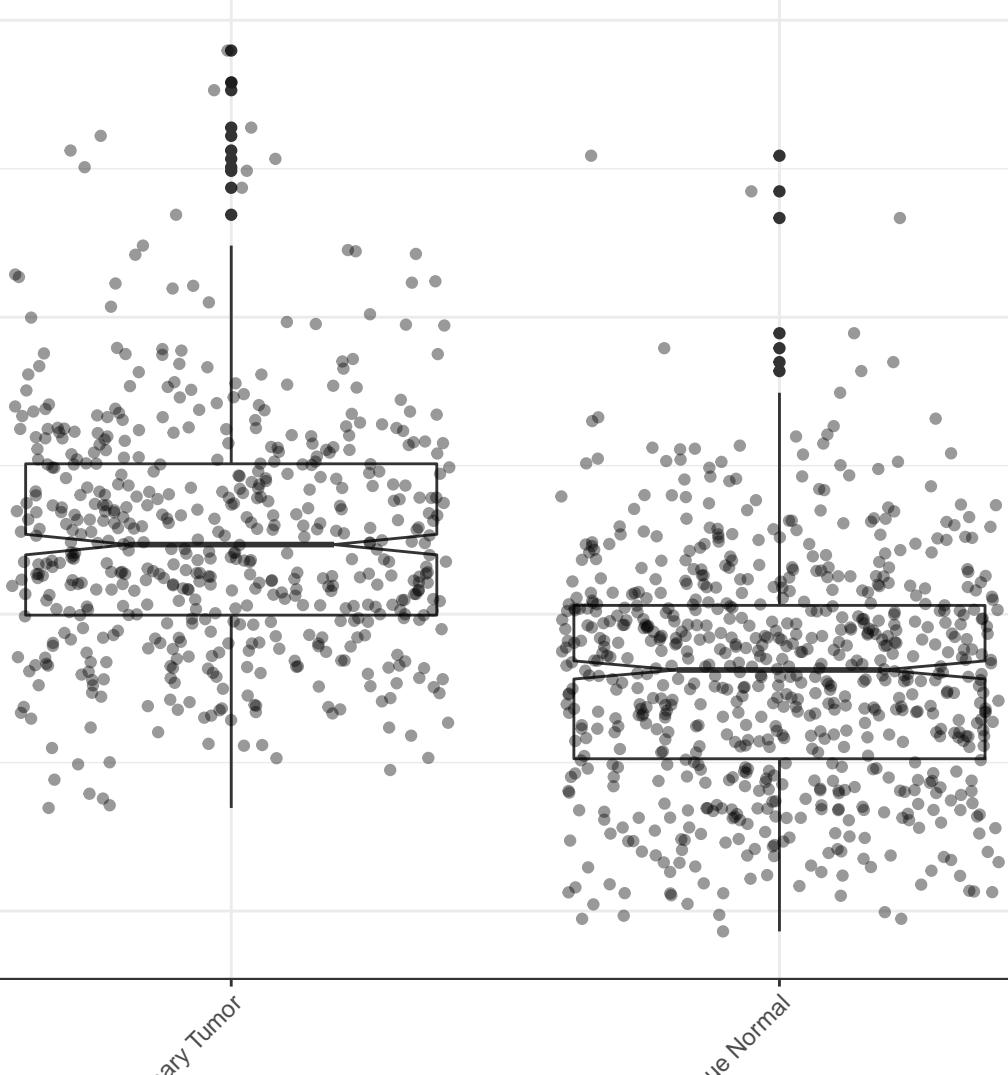
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



LV 251

Value

0.10

0.05

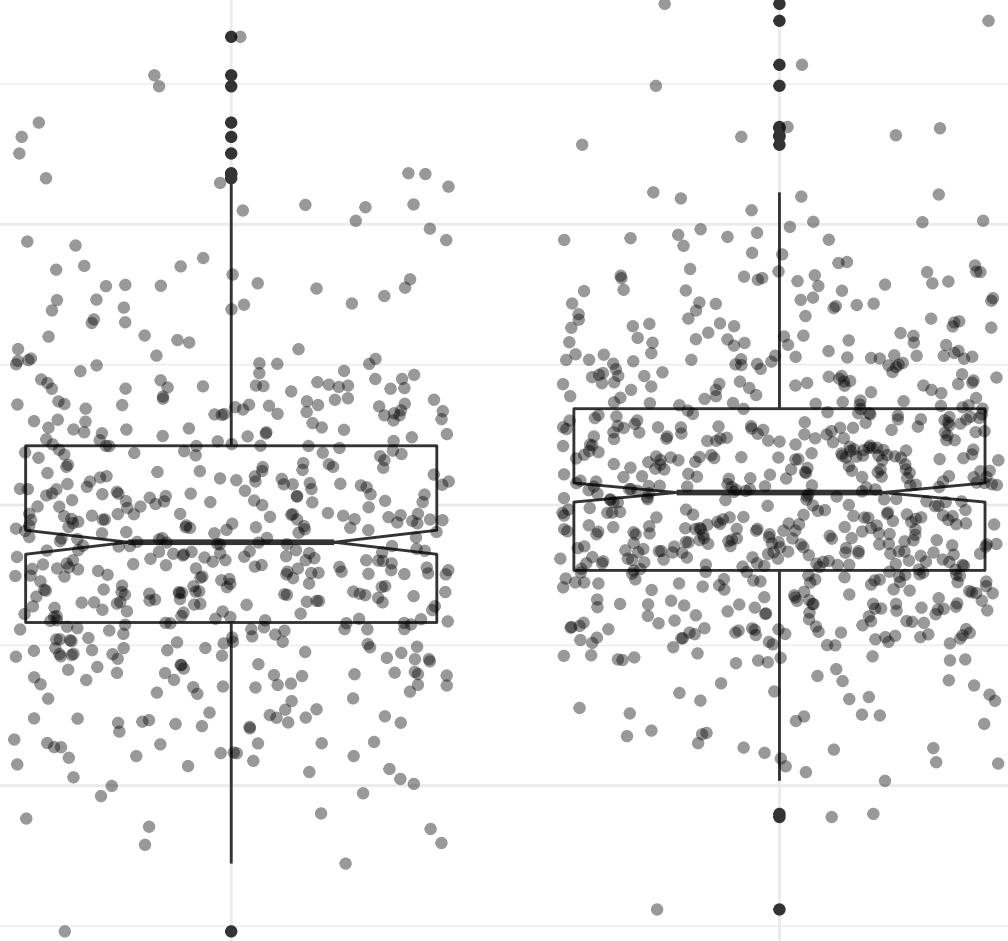
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



LV 252

Value

0.10

0.05

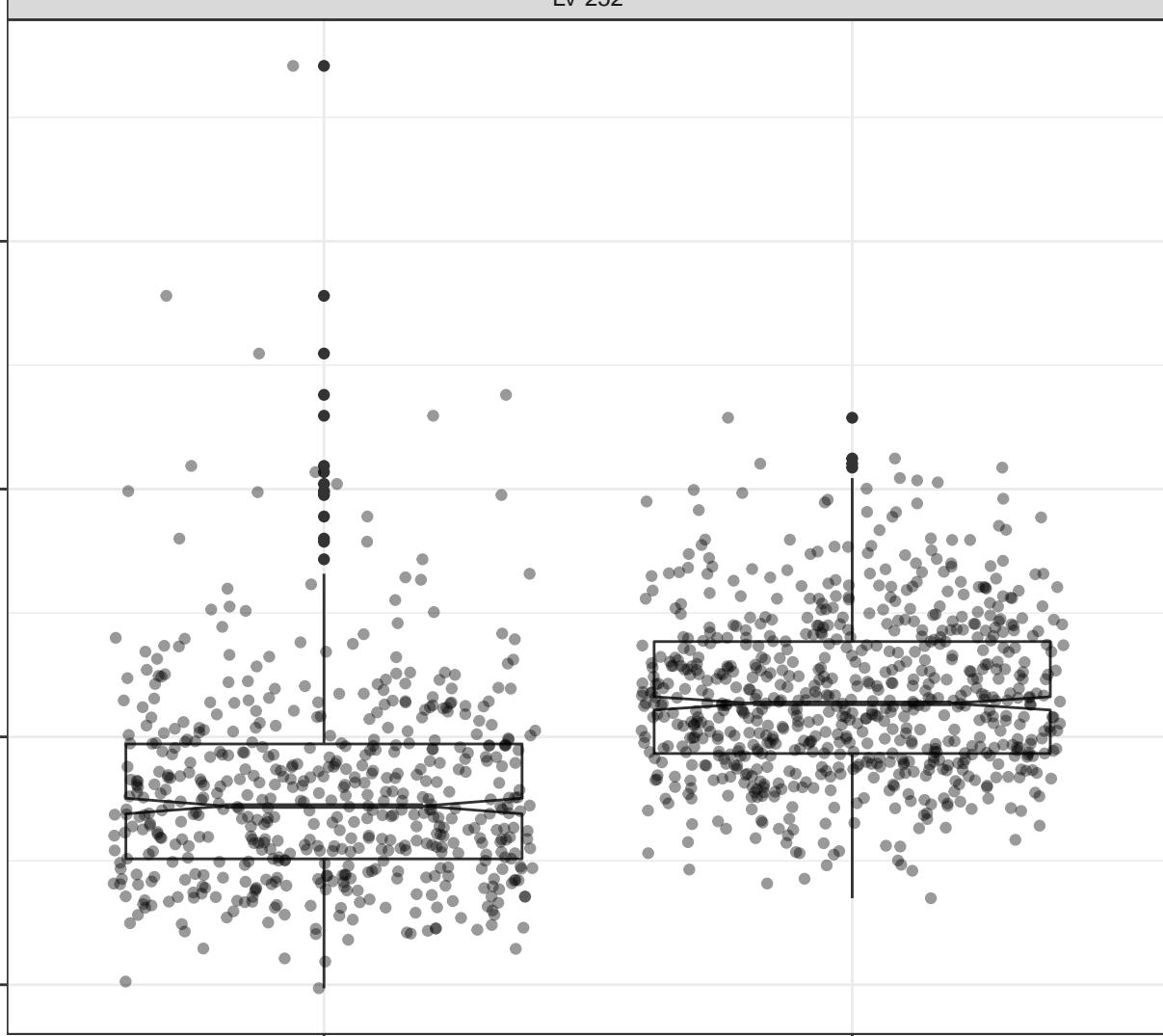
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



### 253,KEGG\_HEMATOPOIETIC\_CELL\_LINEAGE

Value

0.15

0.10

0.05

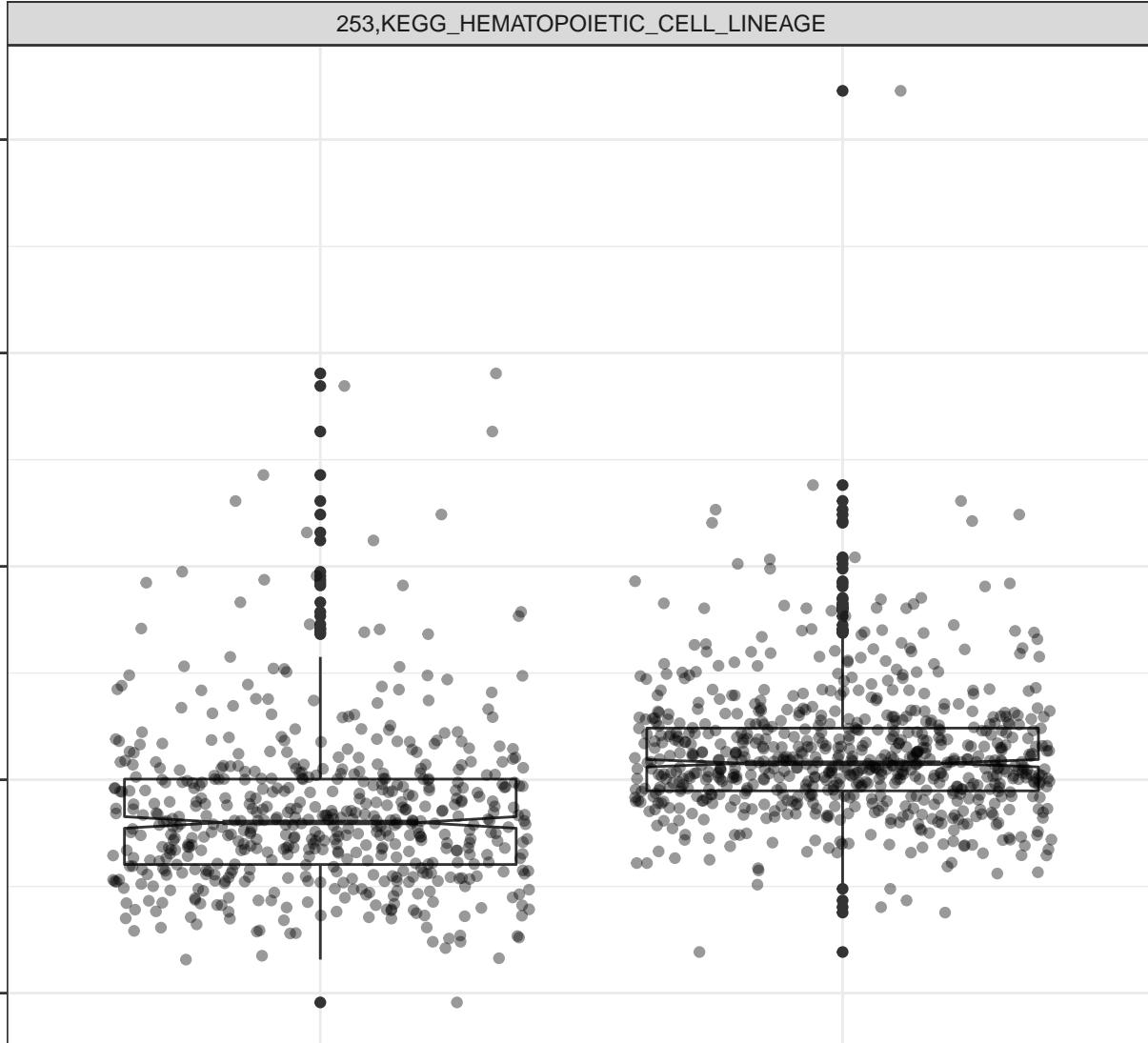
0.00

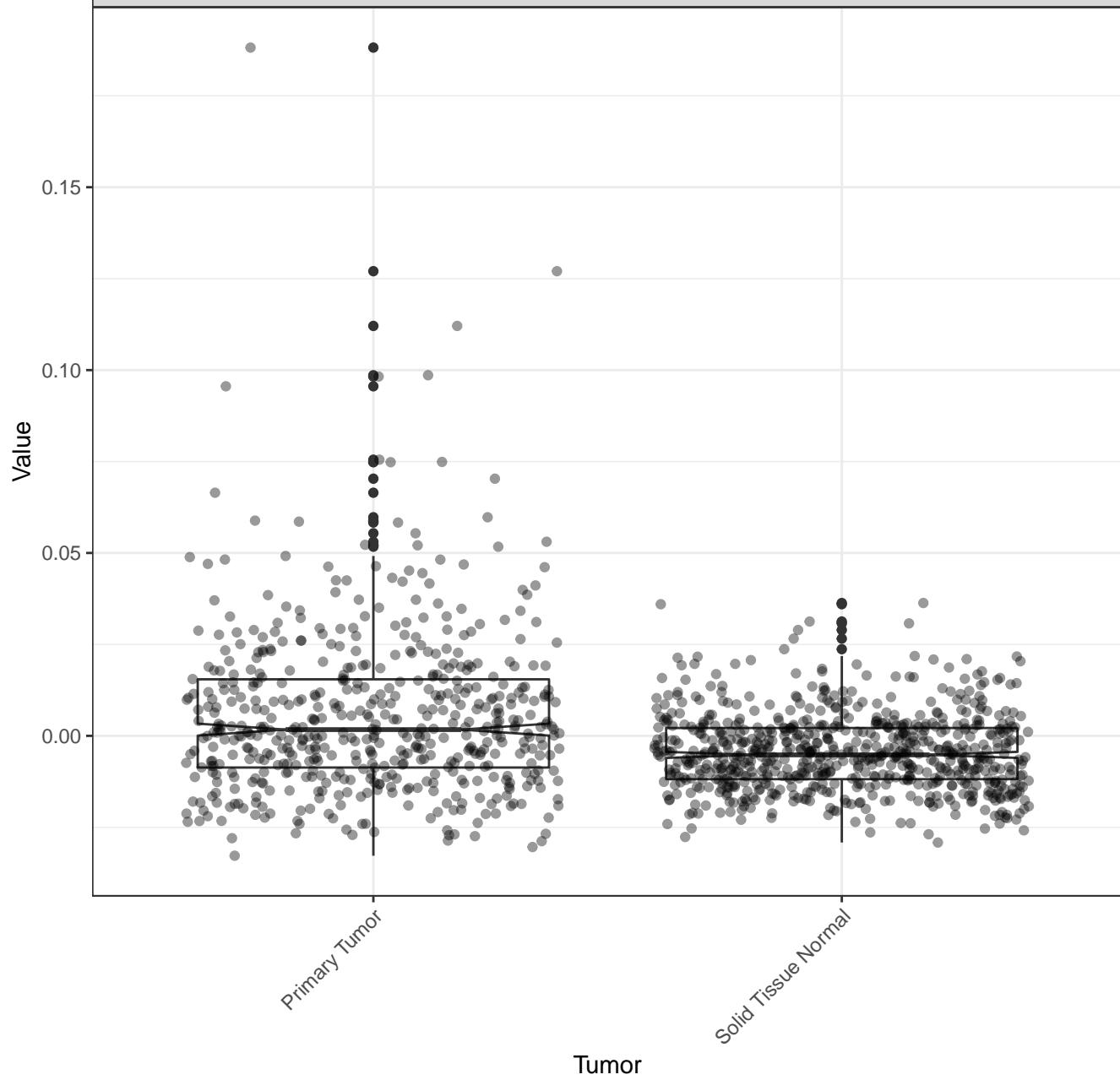
-0.05

Primary Tumor

Solid Tissue Normal

Tumor





255,KEGG\_BASAL\_CELL\_CARCINOMA

Value

0.10

0.05

0.00

-0.05

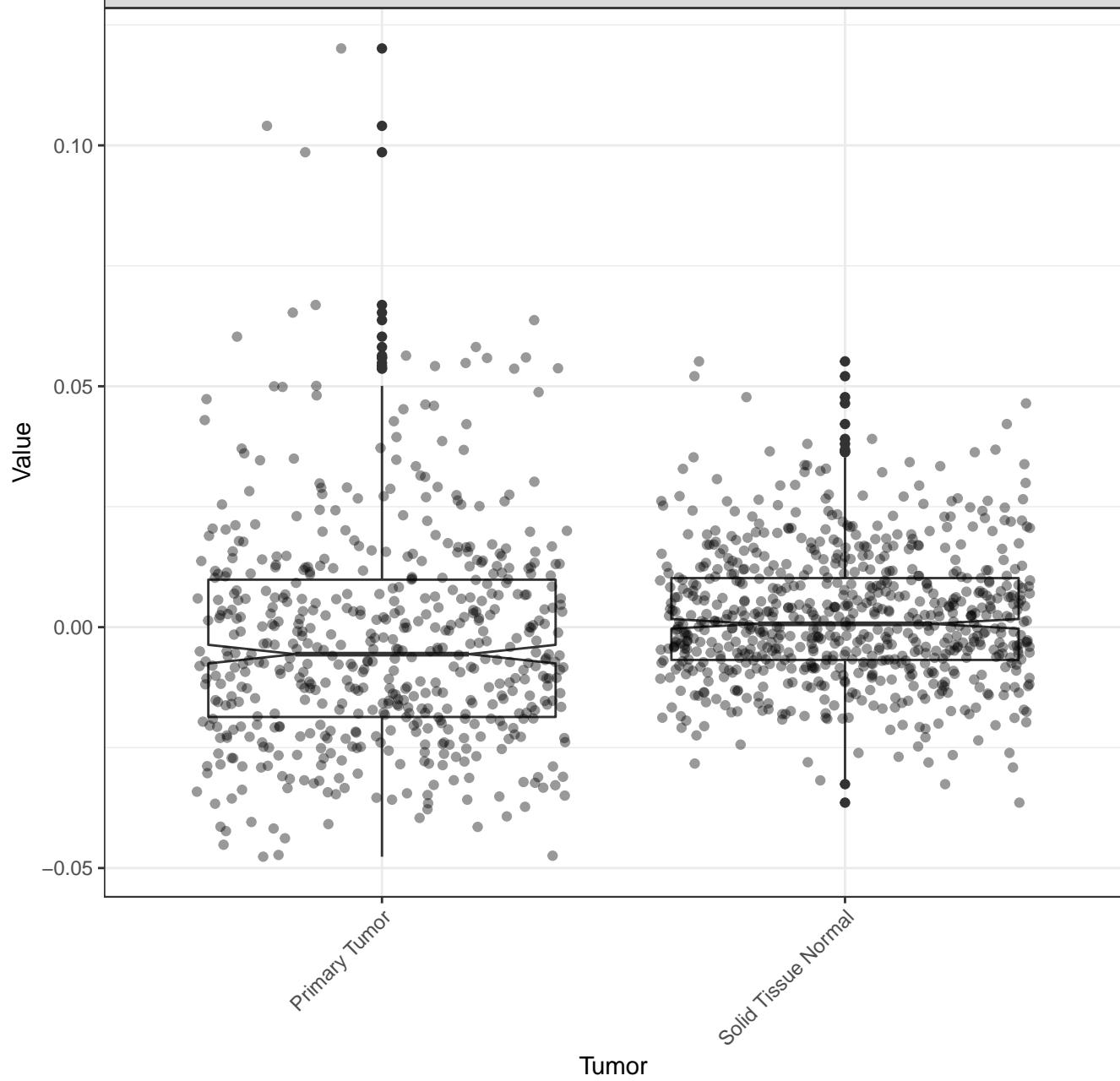
Primary Tumor

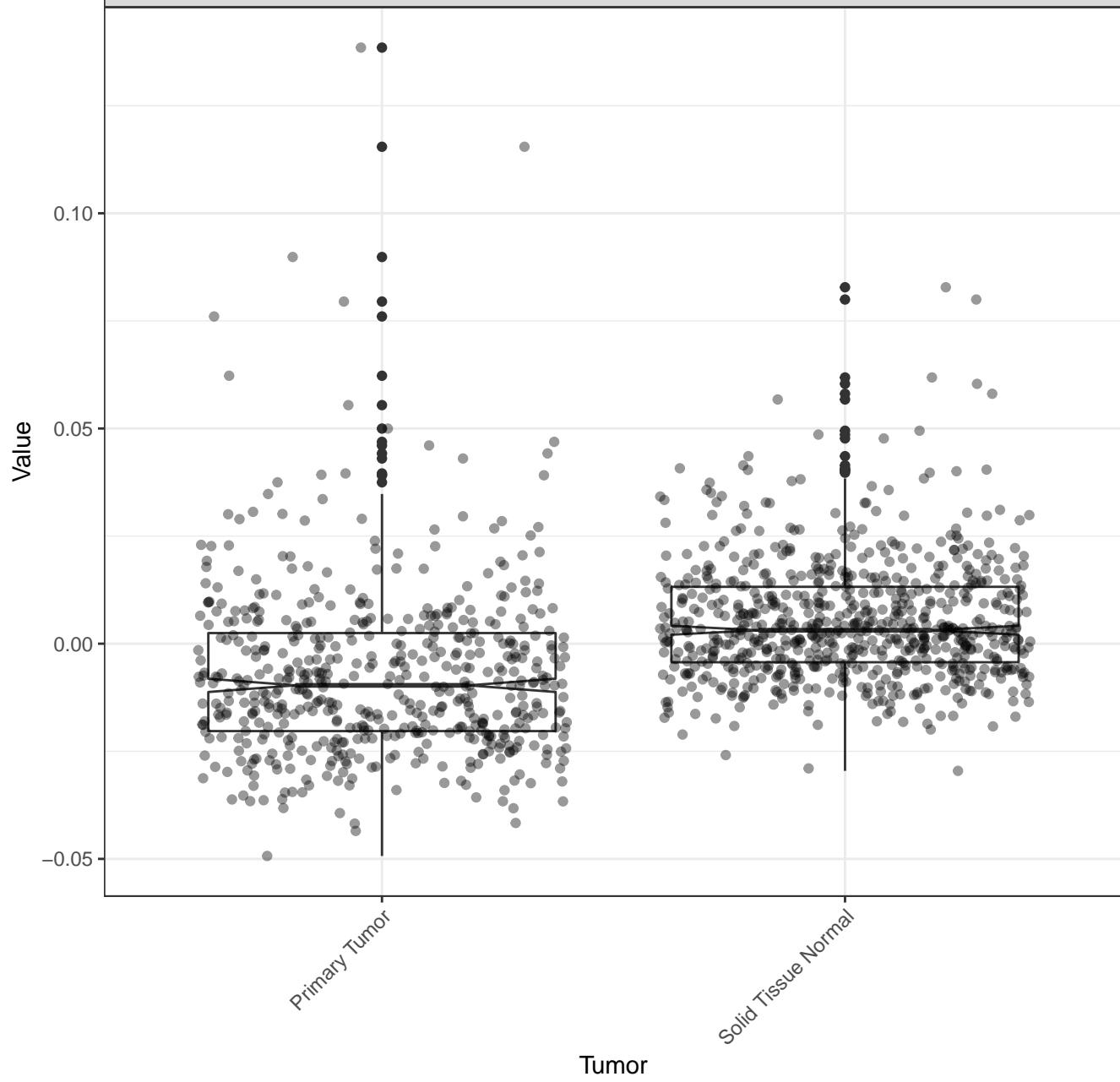
Solid Tissue Normal

Tumor



### 256,KEGG\_ARGININE\_AND\_PROLINE\_METABOLISM





LV 258

Value

0.10

0.05

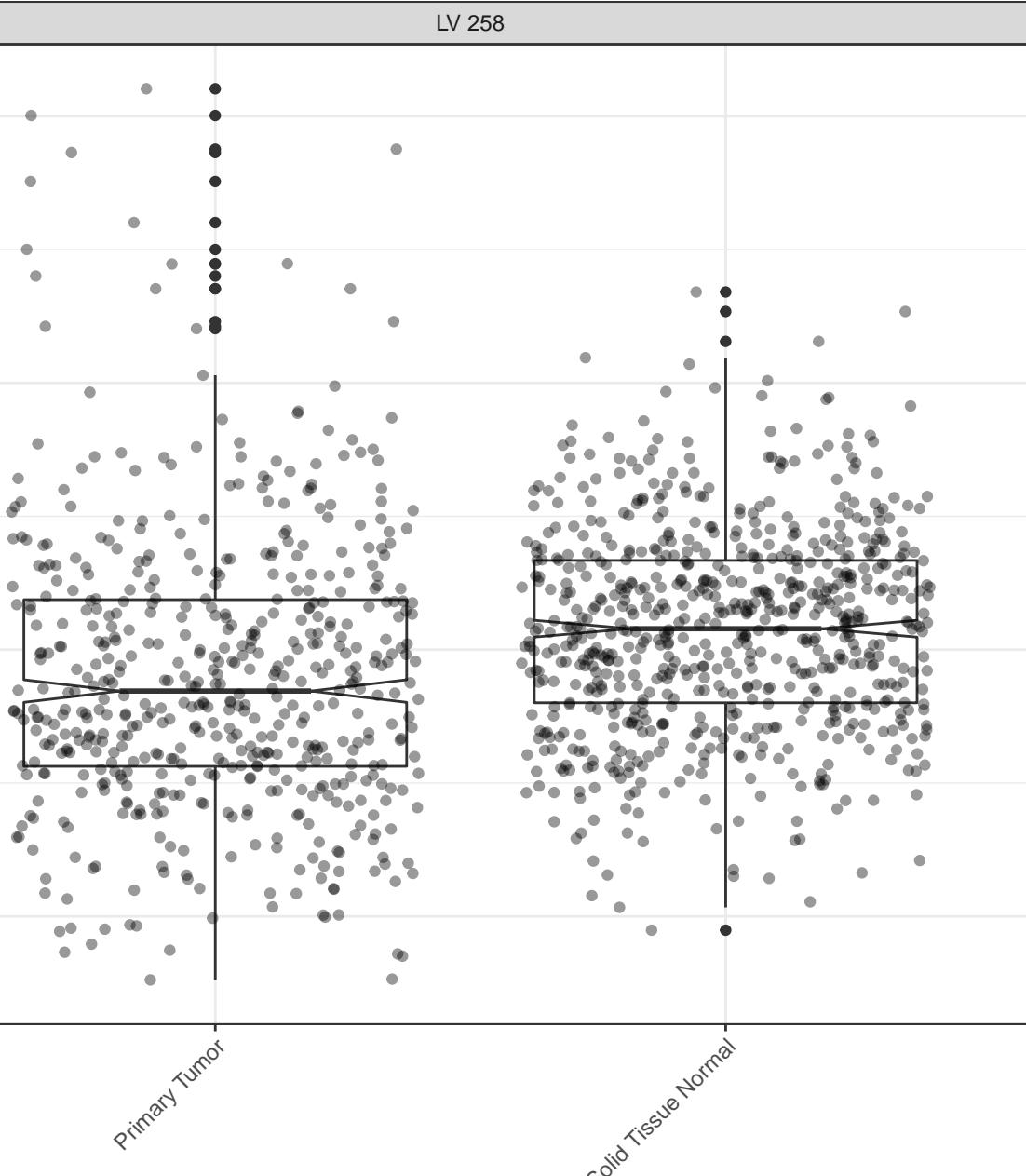
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



Value

0.10

0.05

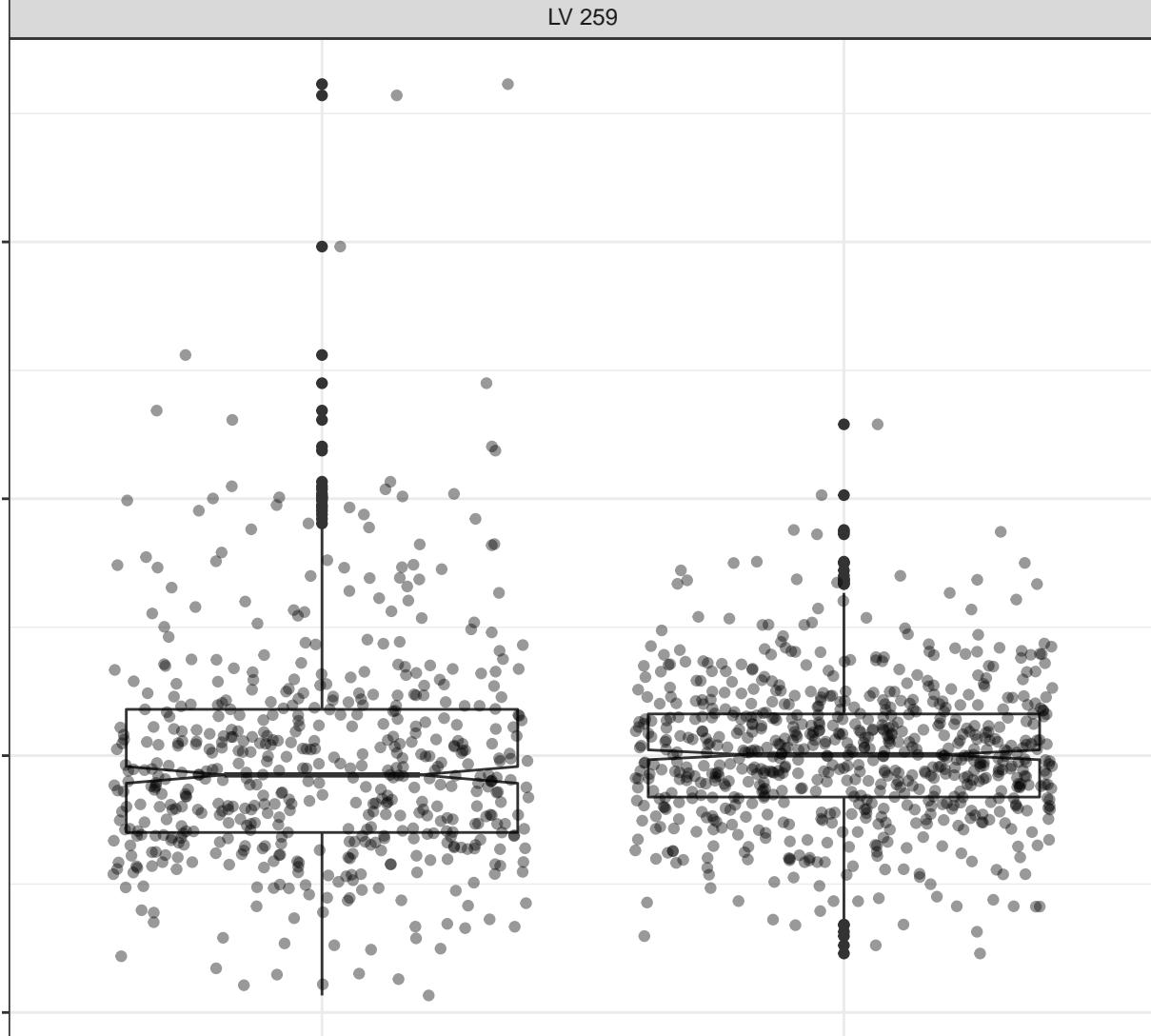
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



LV 260

Value

0.10

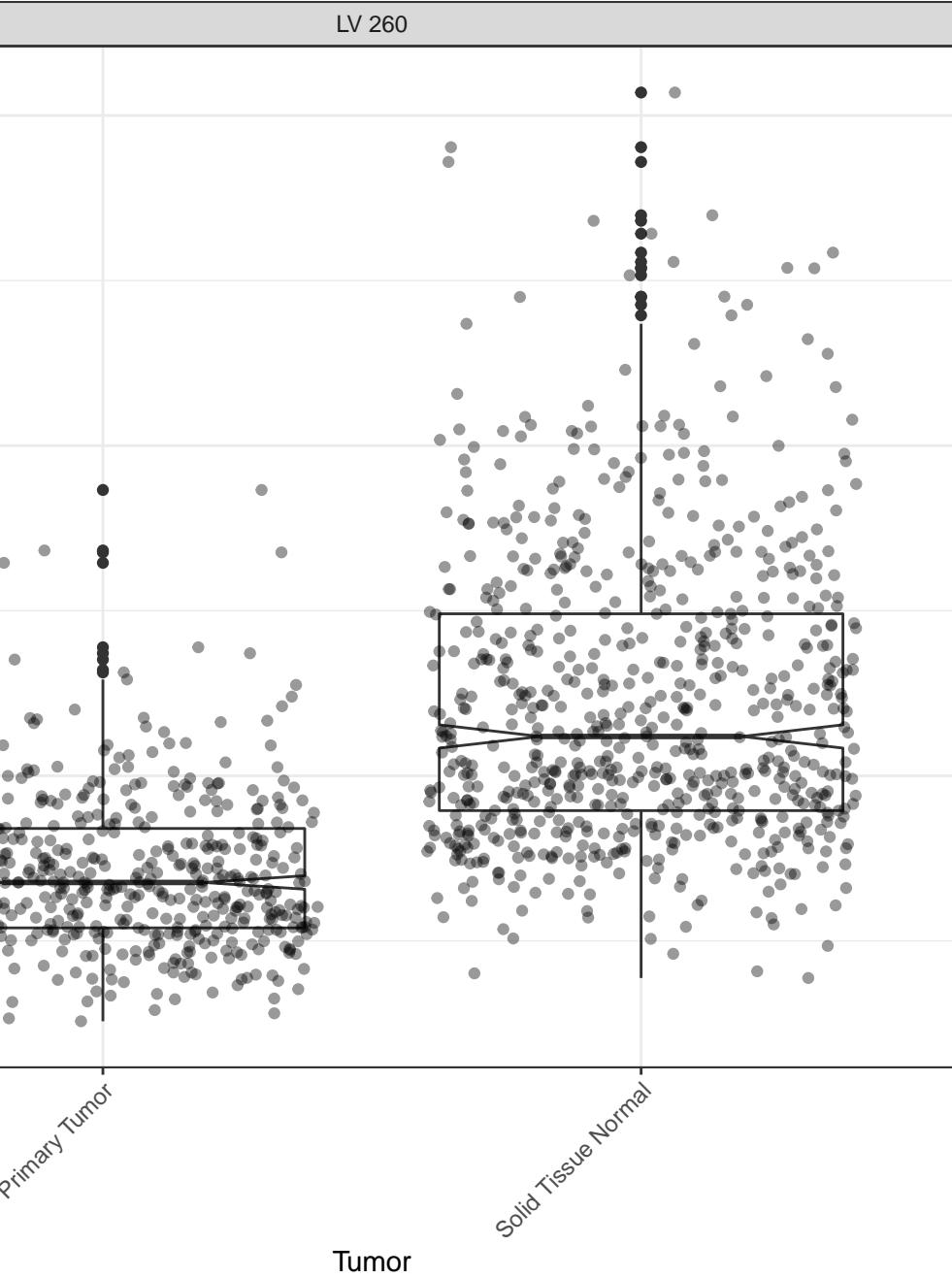
0.05

0.00

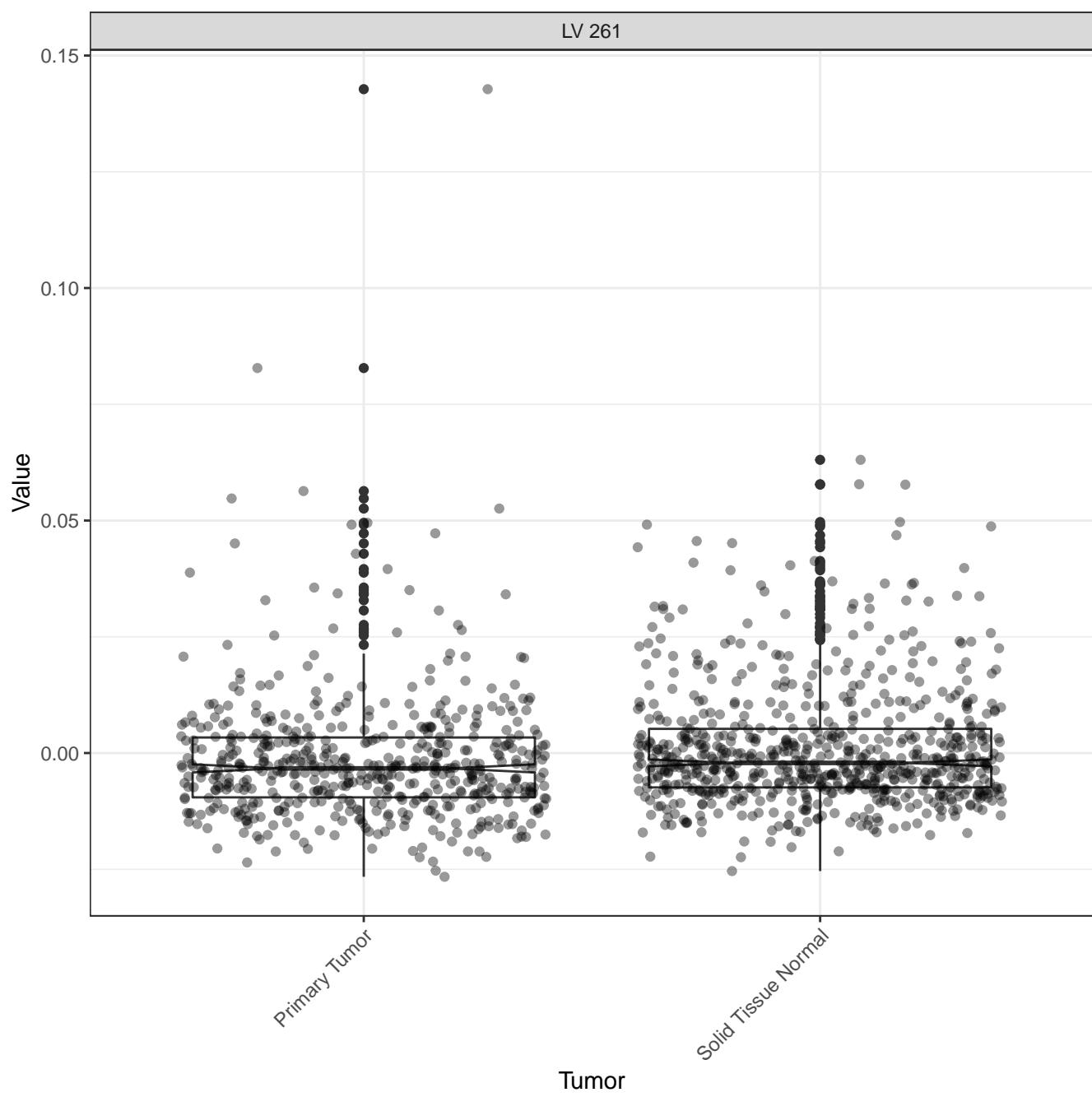
Primary Tumor

Solid Tissue Normal

Tumor



LV 261



LV 262

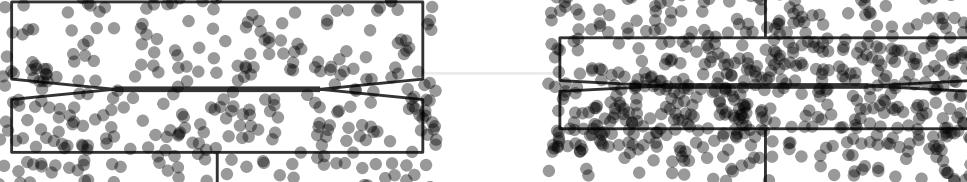
Value

0.15  
0.10  
0.05  
0.00  
-0.05

Primary Tumor

Solid Tissue Normal

Tumor



LV 263

Value

0.10

0.05

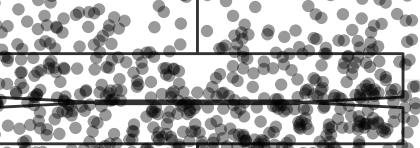
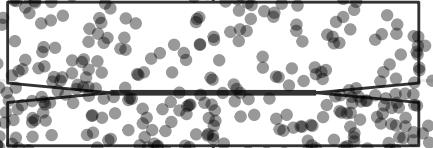
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



Value

0.10

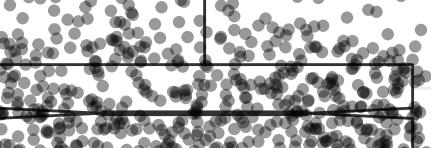
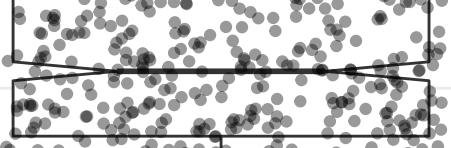
0.05

0.00

Primary Tumor

Solid Tissue Normal

Tumor



Value

0.05

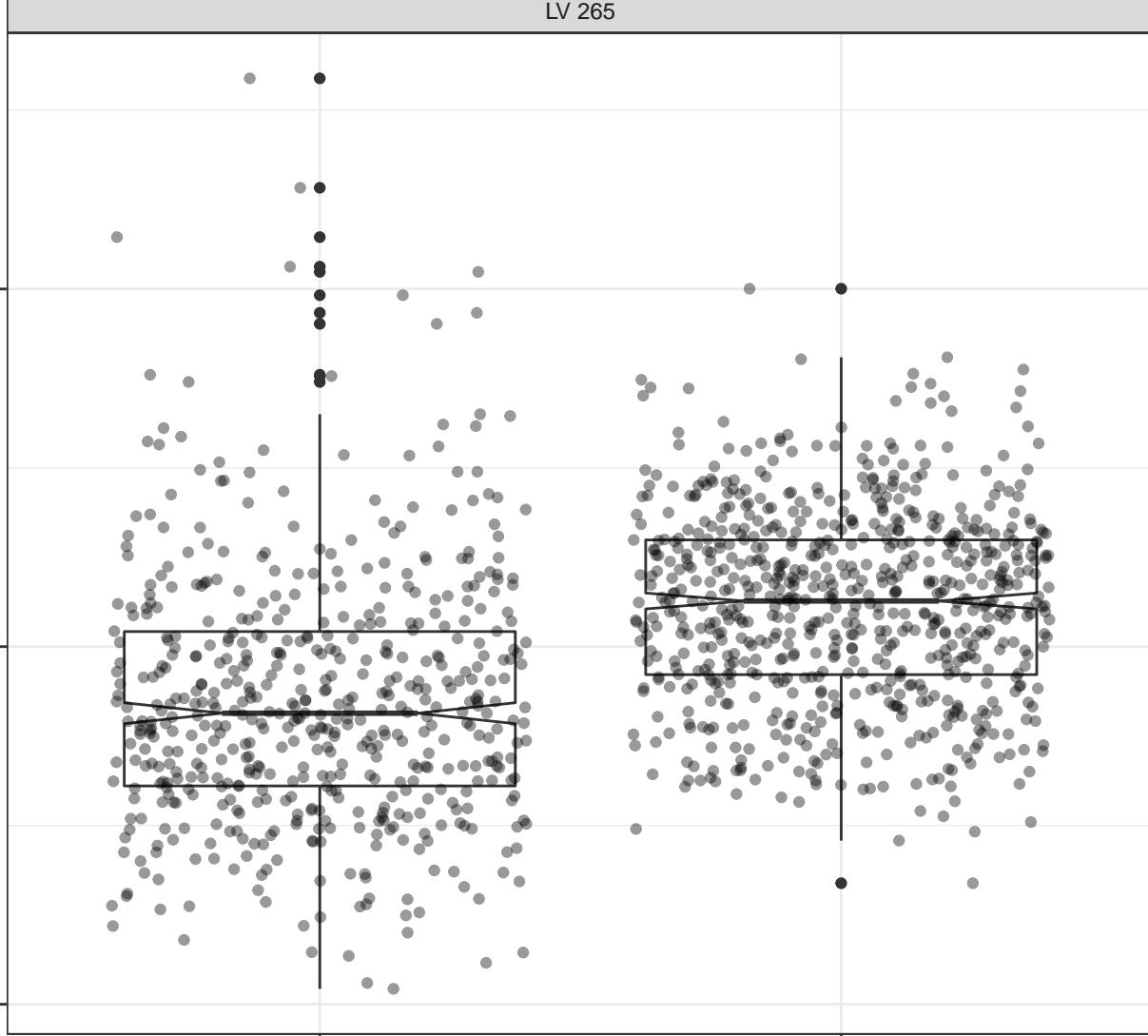
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



## 266,IRIS\_Monocyte–Day1

Value

0.10

0.05

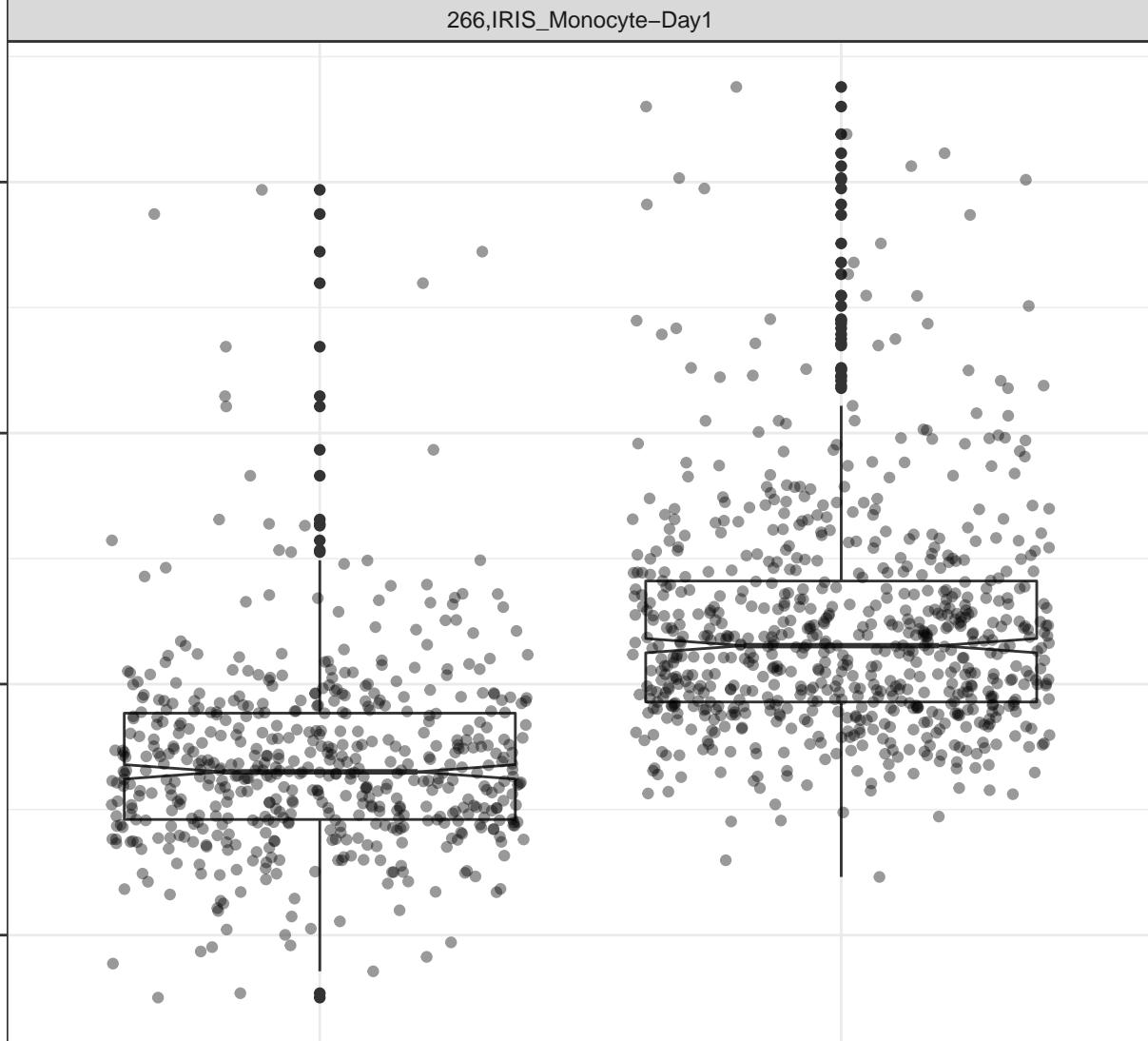
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



LV 267

Value

0.10

0.05

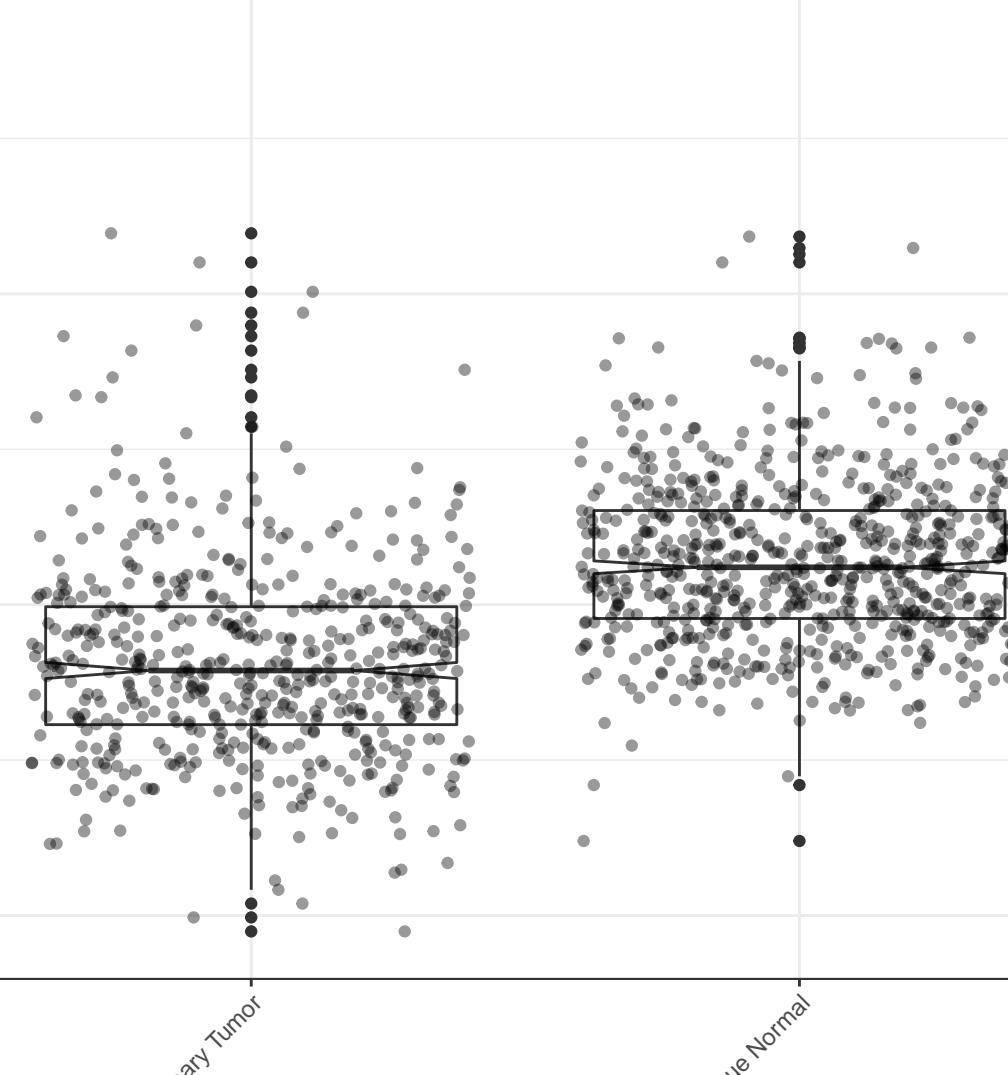
0.00

-0.05

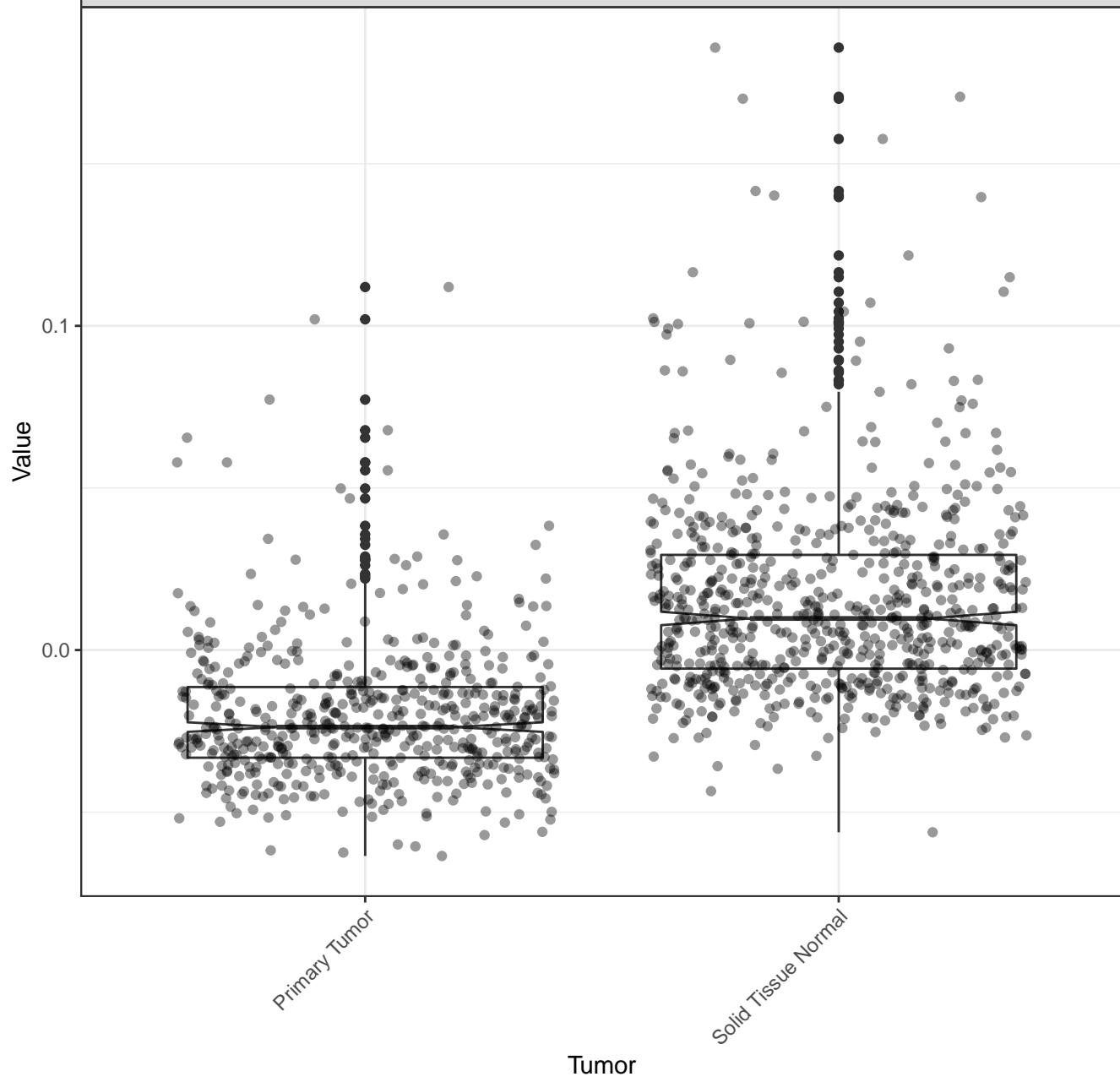
Primary Tumor

Solid Tissue Normal

Tumor



268,SVM Mast cells activated



LV 269

Value

0.10

0.05

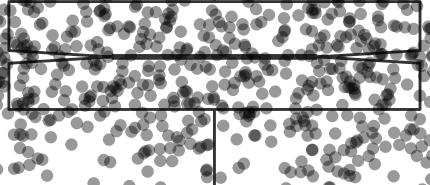
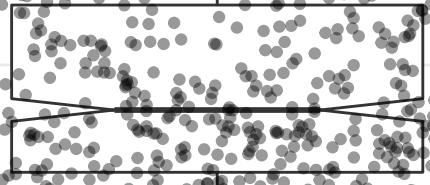
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



## 270,KEGG\_CELL\_CYCLE

Value

0.10

0.05

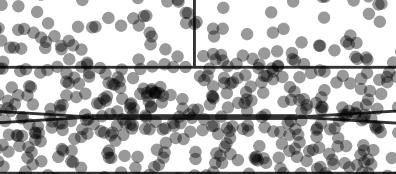
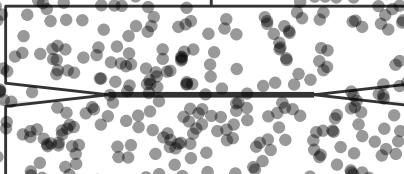
0.00

-0.05

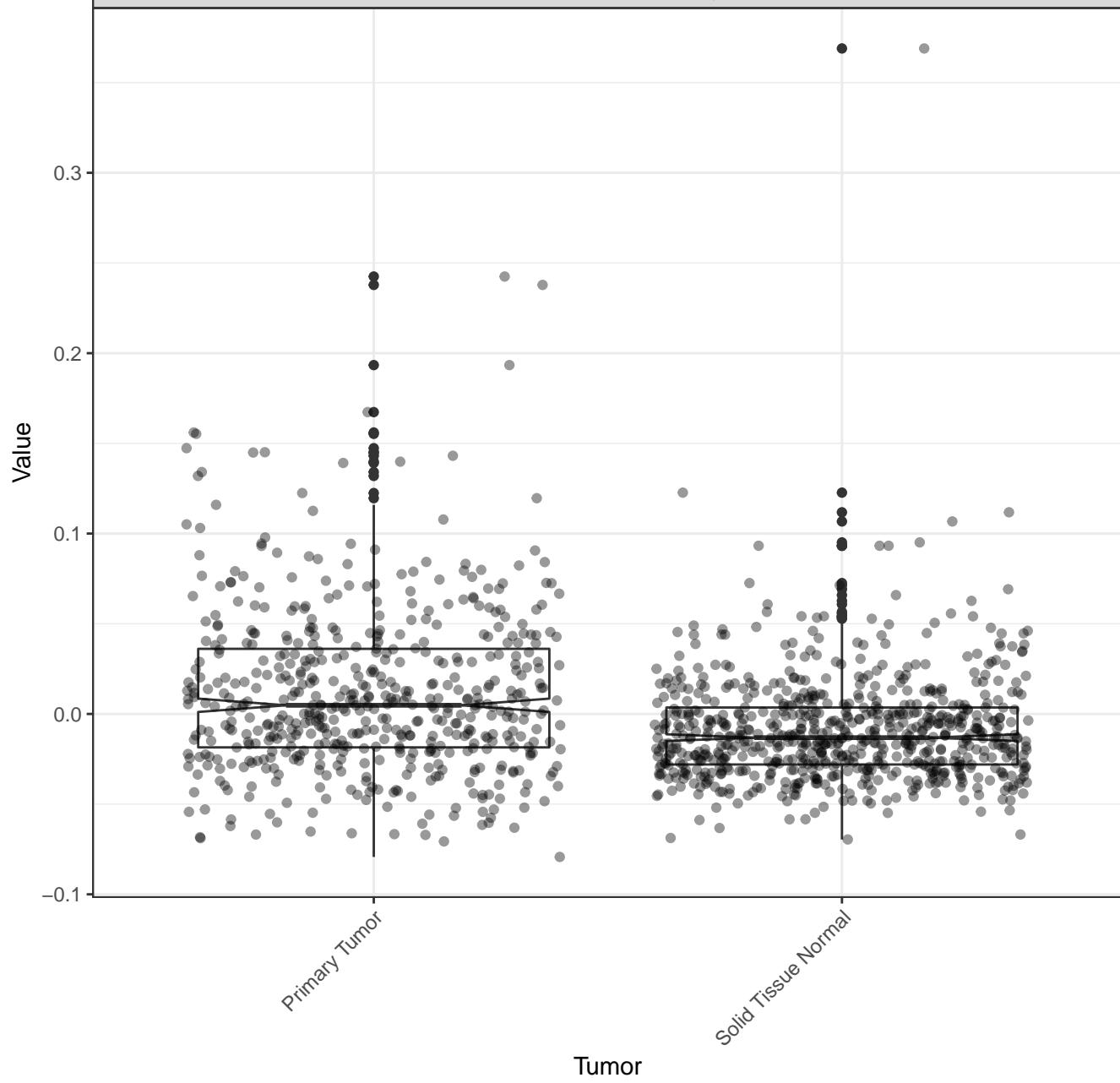
Primary Tumor

Solid Tissue Normal

Tumor



271,SVM B cells memory



LV 272

Value

0.08

0.04

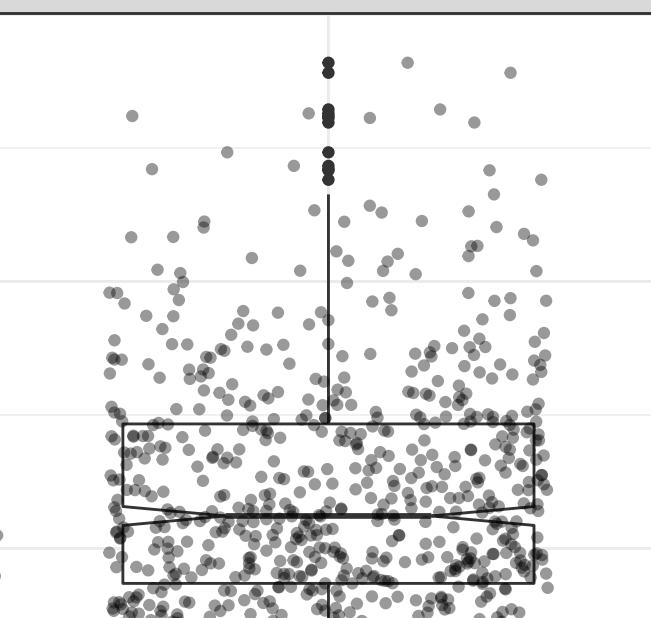
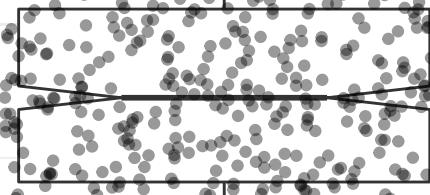
0.00

-0.04

Primary Tumor

Solid Tissue Normal

Tumor



LV 273

Value

0.06

0.04

0.02

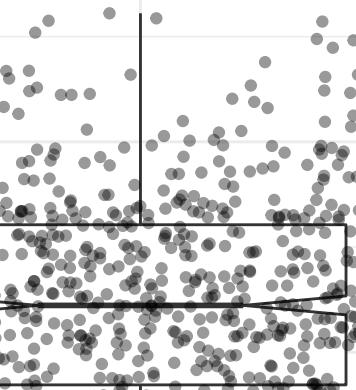
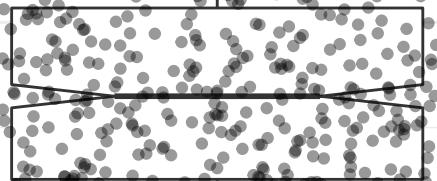
0.00

-0.02

Primary Tumor

Solid Tissue Normal

Tumor



LV 274

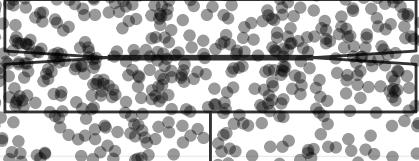
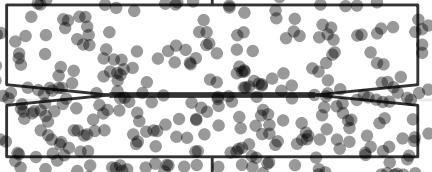
Value

0.15  
0.10  
0.05  
0.00  
-0.05

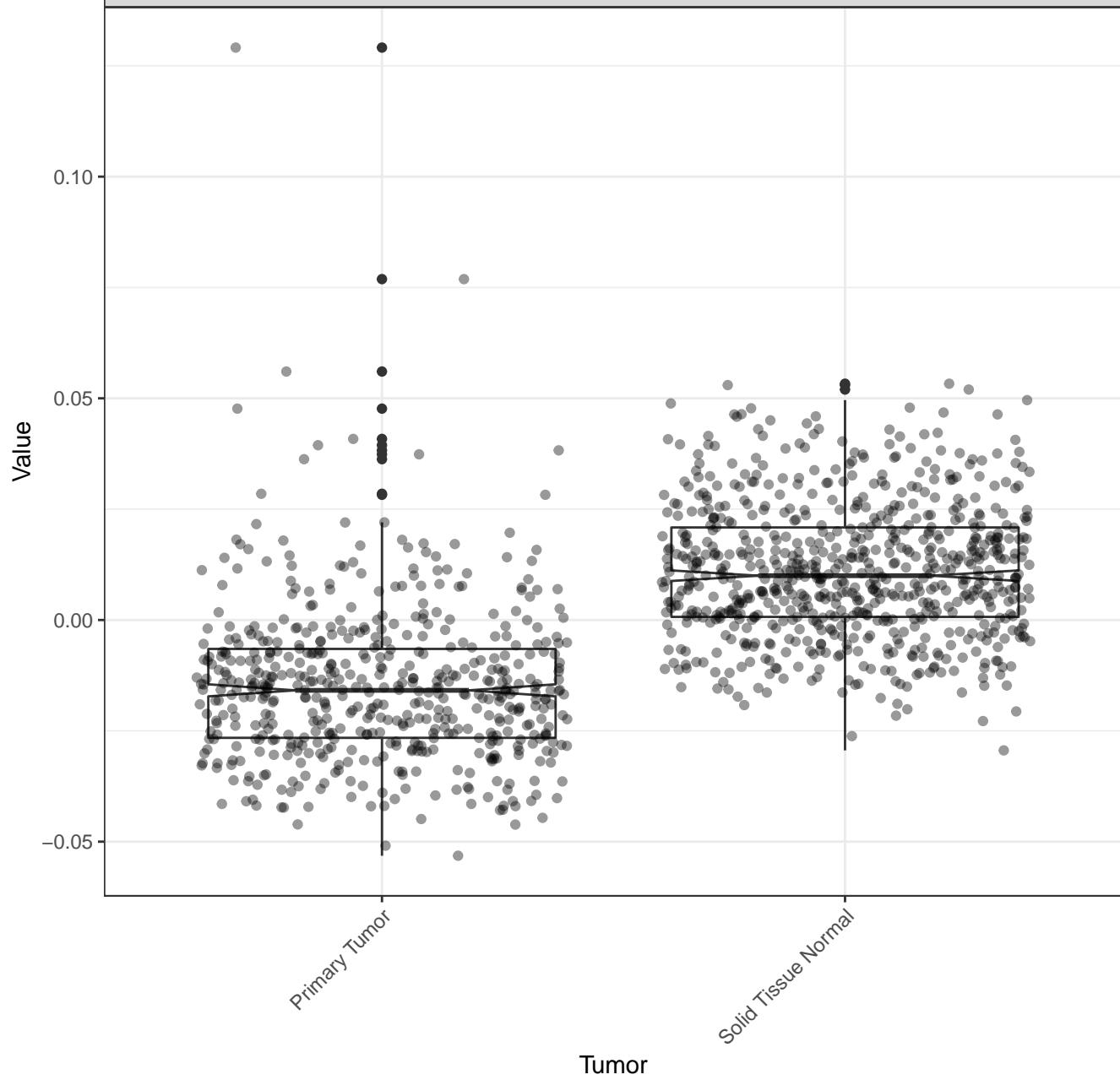
Primary Tumor

Solid Tissue Normal

Tumor



275,REACTOME\_METABOLISM\_OF\_PROTEINS



LV 276

Value

0.20  
0.15  
0.10  
0.05  
0.00  
-0.05

Primary Tumor

Solid Tissue Normal

Tumor



## 277,PID\_IL4\_2PATHWAY

Value

0.10

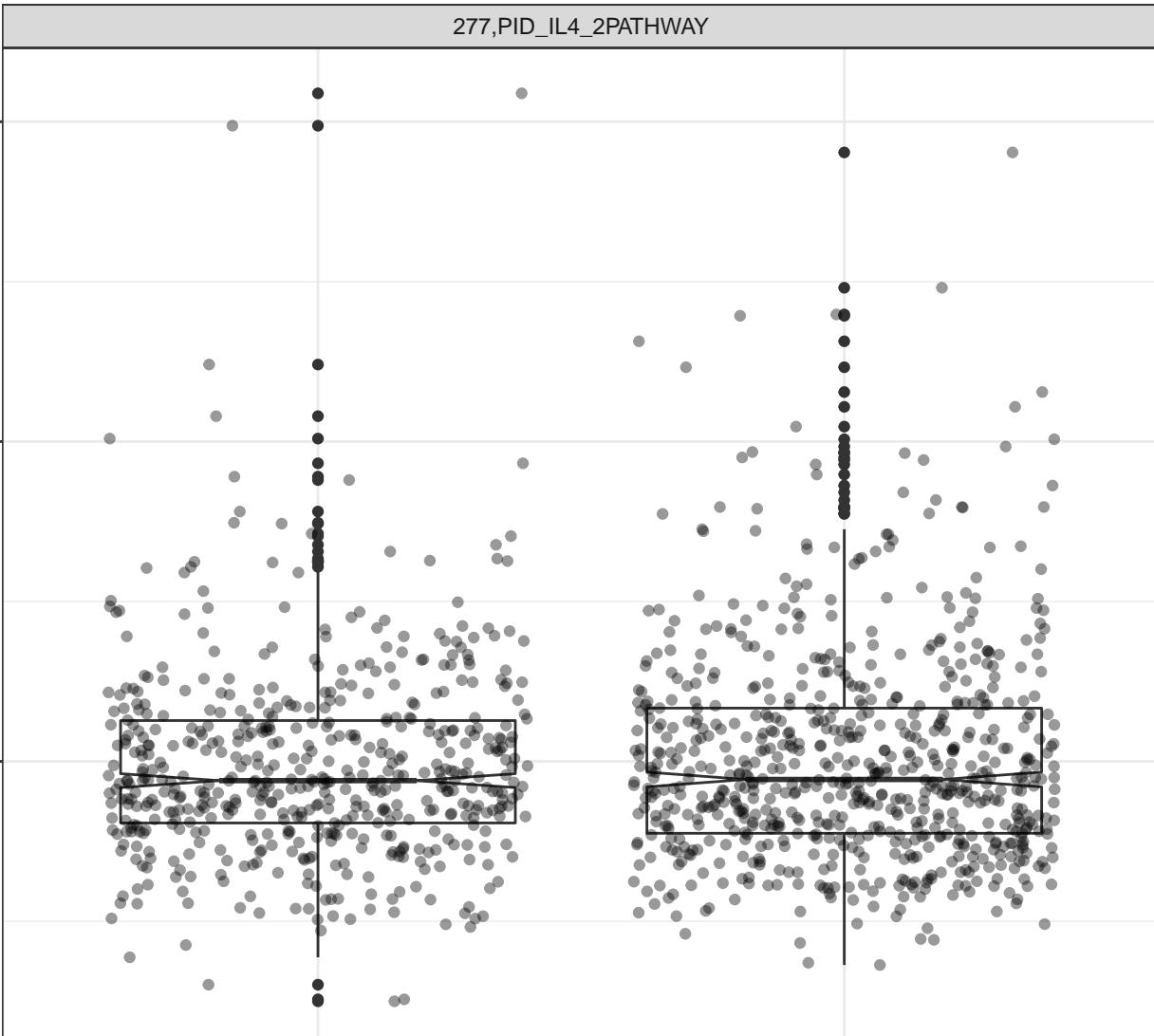
0.05

0.00

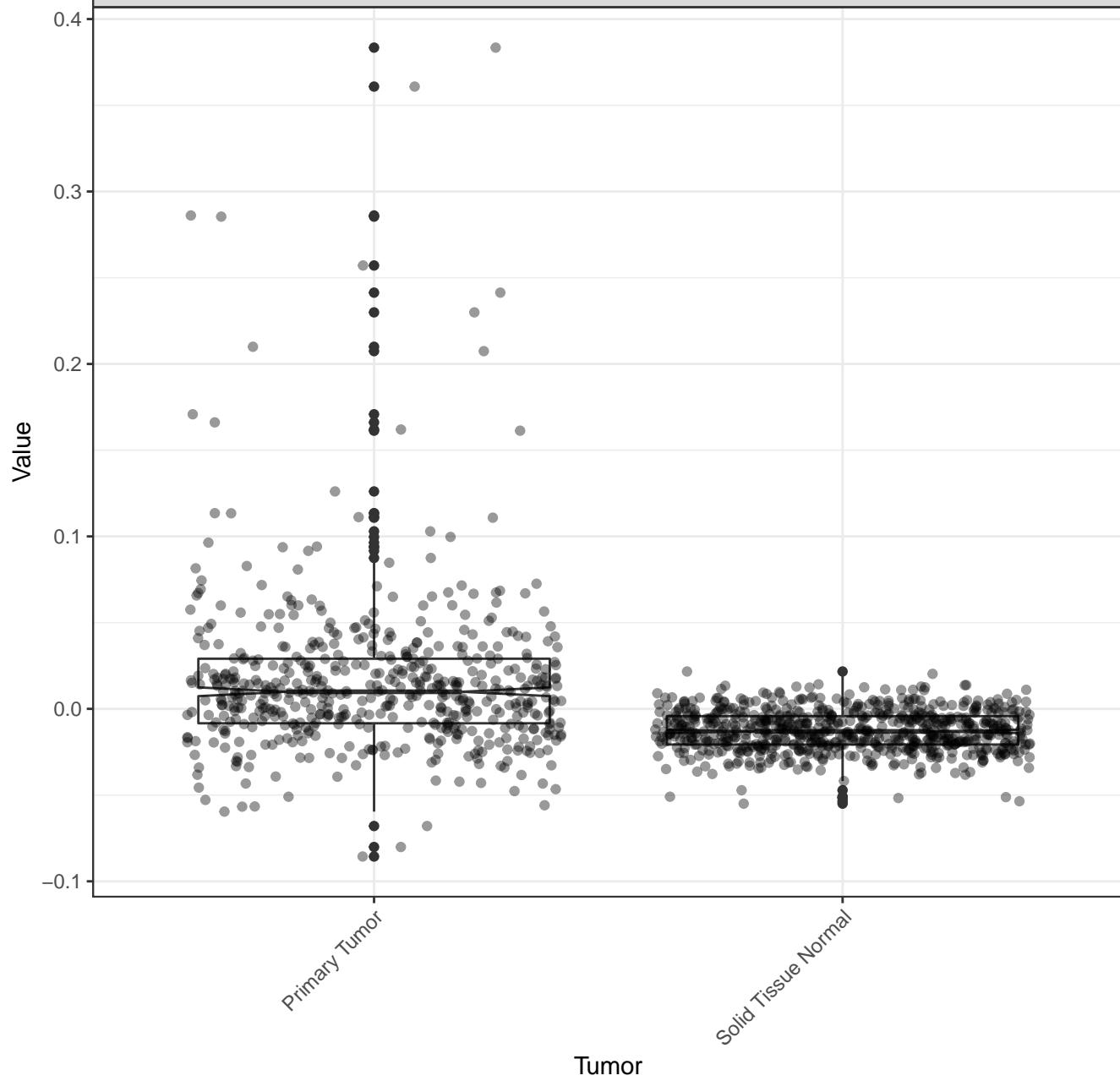
Primary Tumor

Solid Tissue Normal

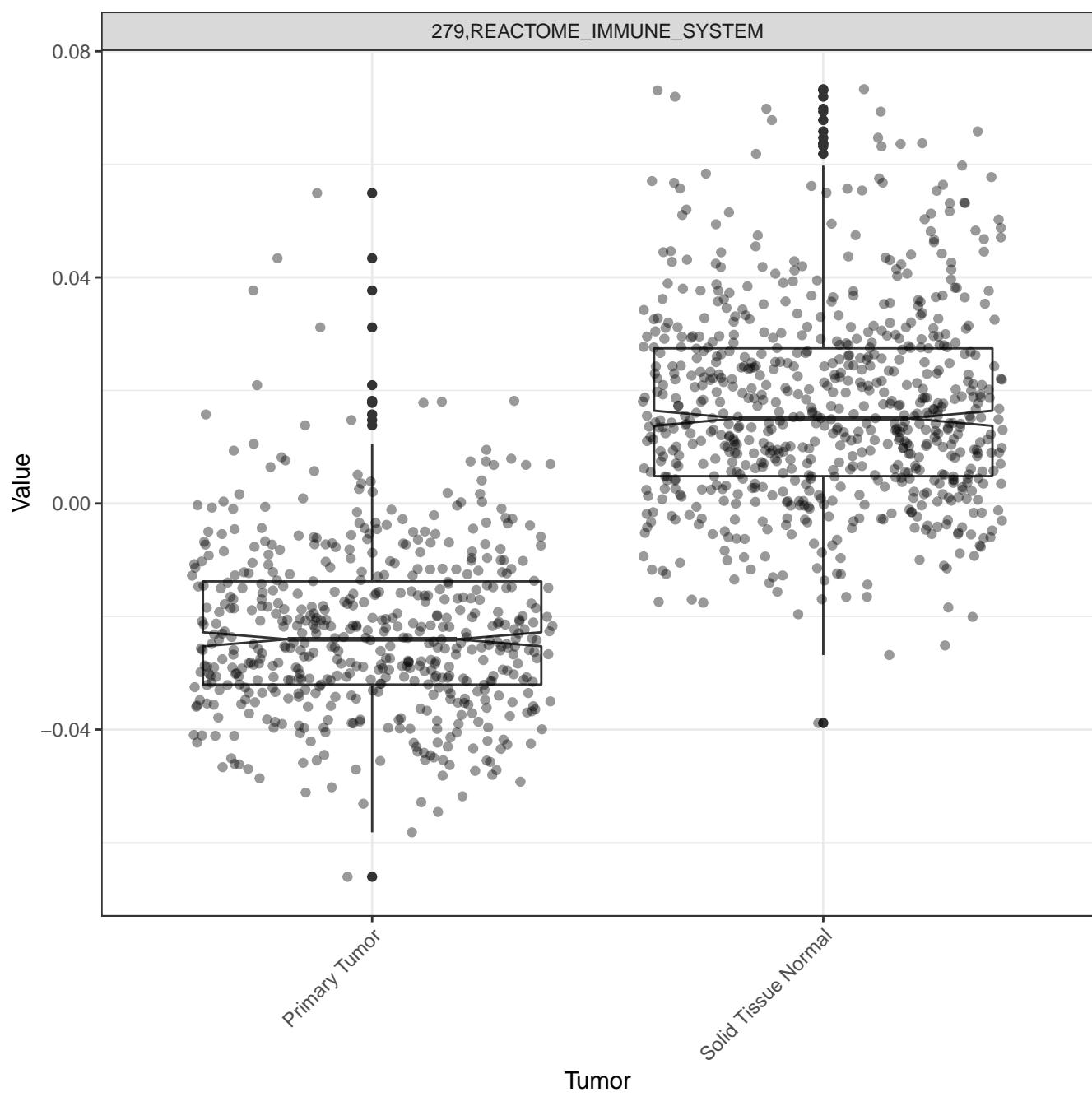
Tumor



# 278,REACTOME\_SLC\_MEDIATED\_TRANSMEMBRANE\_TRANSPORT



## 279,REACTOME\_IMMUNE\_SYSTEM



LV 280

Value

0.10

0.05

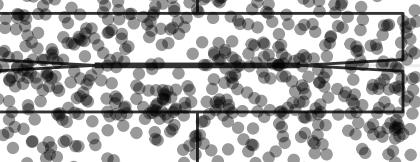
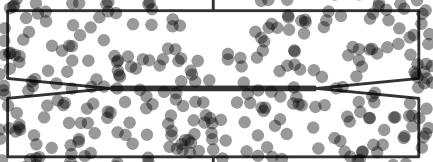
0.00

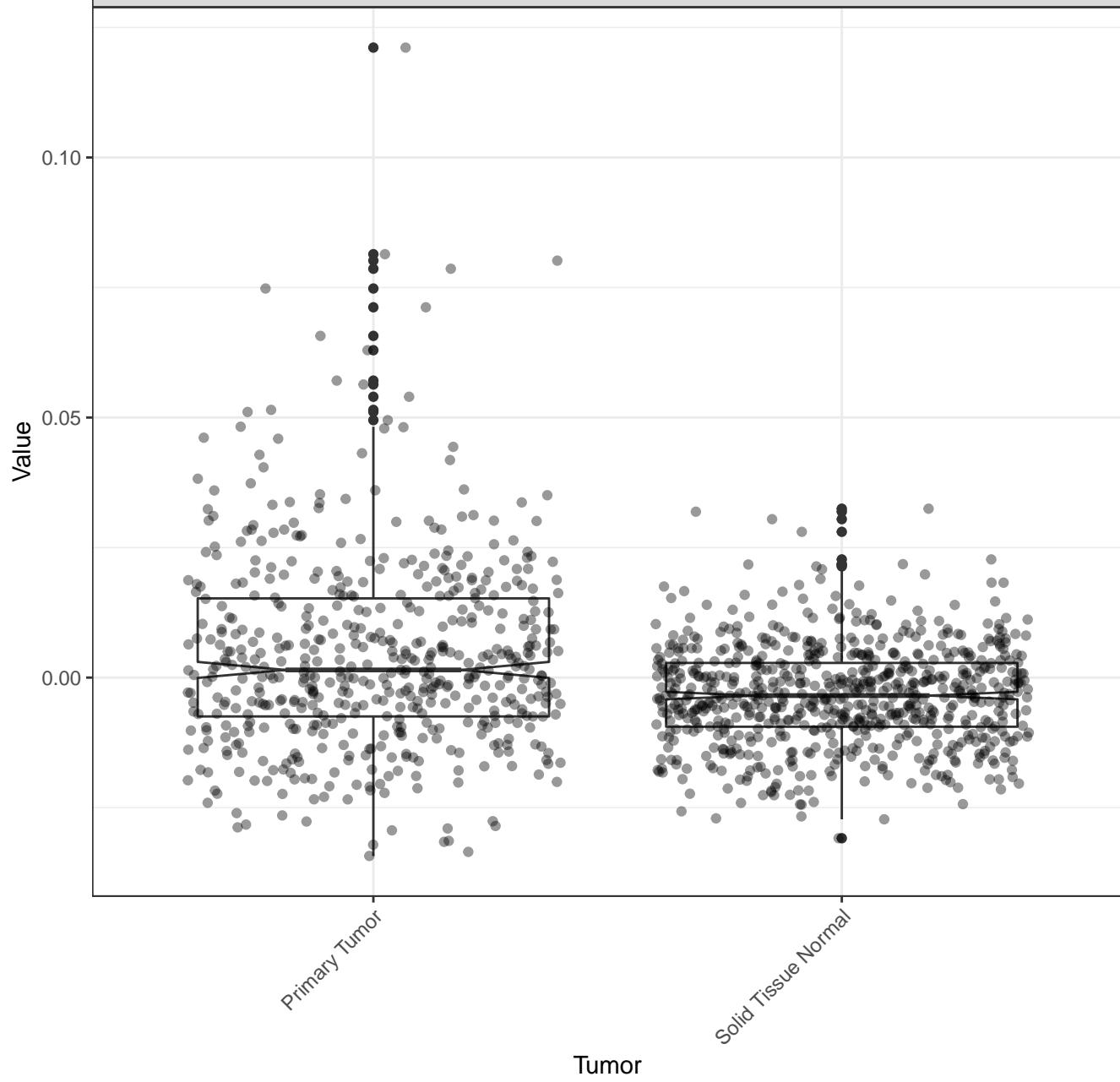
-0.05

Primary Tumor

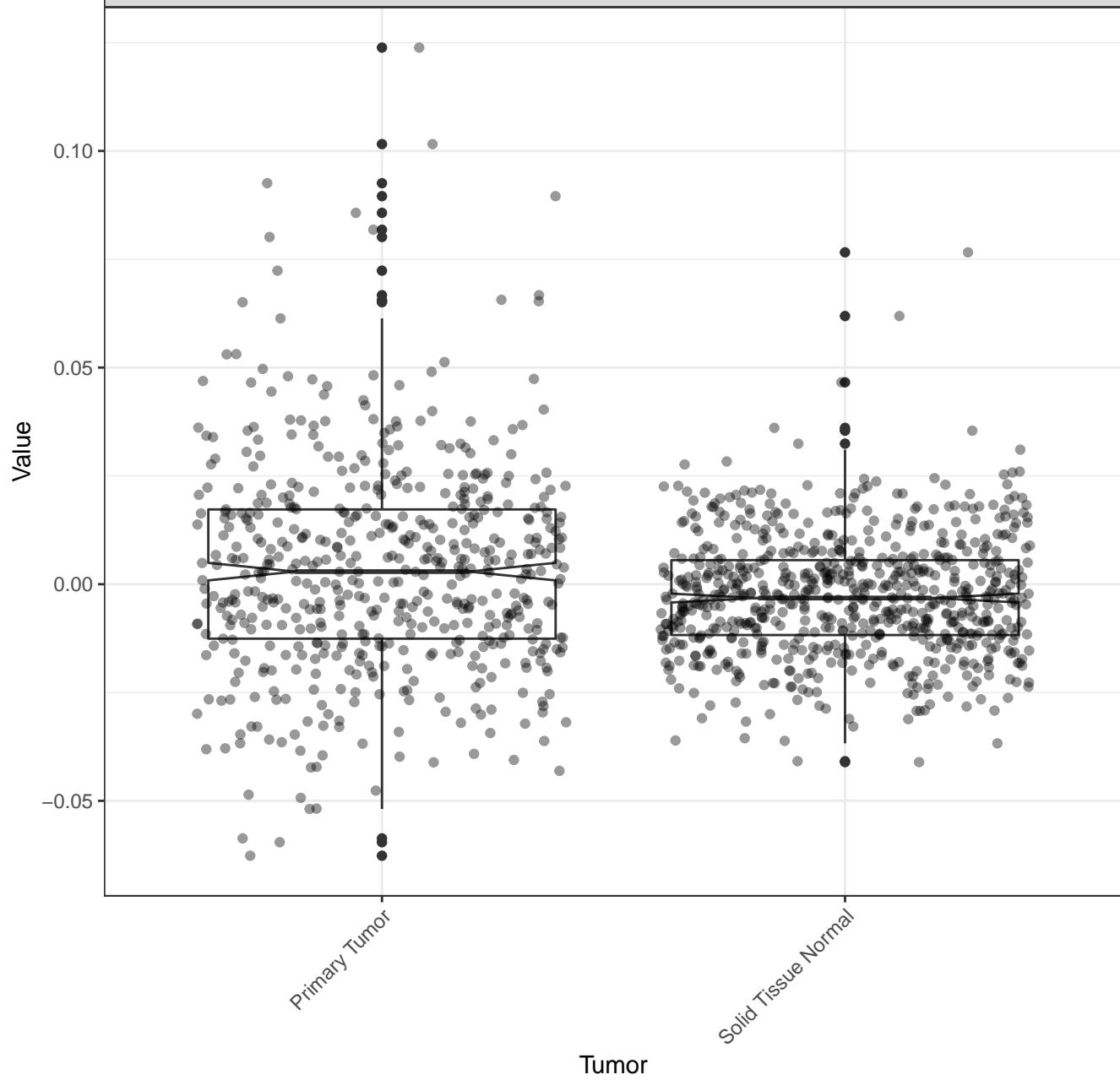
Solid Tissue Normal

Tumor





## 282,KEGG\_RNA\_DEGRADATION



## 283,IRIS\_Monocyte–Day0

Value

0.05

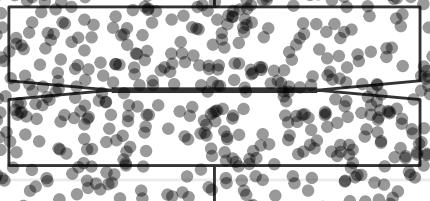
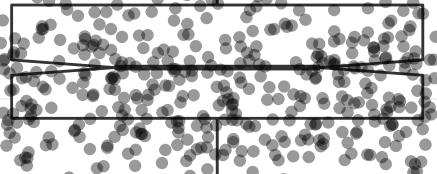
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



# 284,KEGG\_ECM\_RECEPтор\_INTERACTION

Value

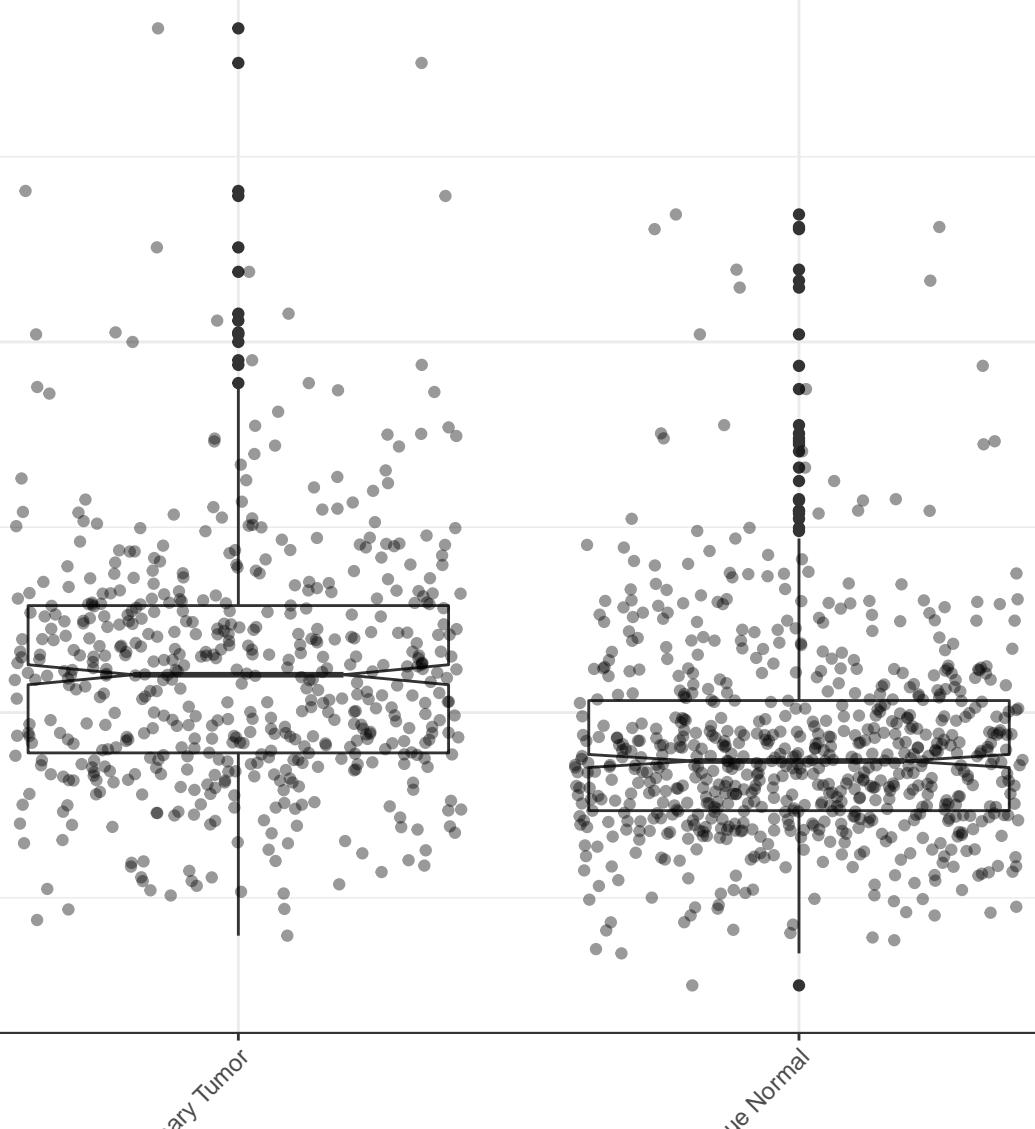
0.1

0.0

Primary Tumor

Tumor

Solid Tissue Normal



LV 285

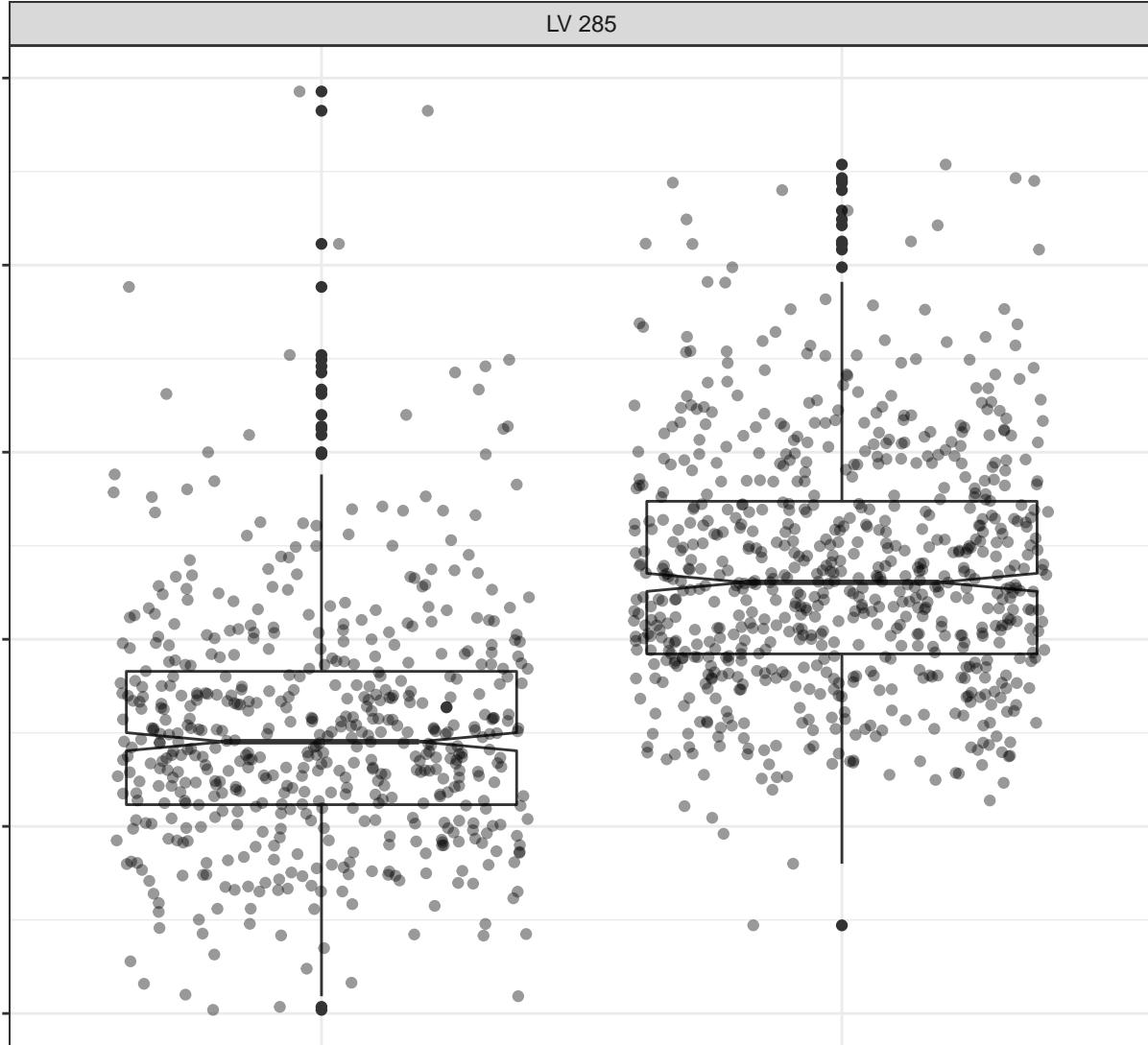
Value

0.075  
0.050  
0.025  
0.000  
-0.025  
-0.050

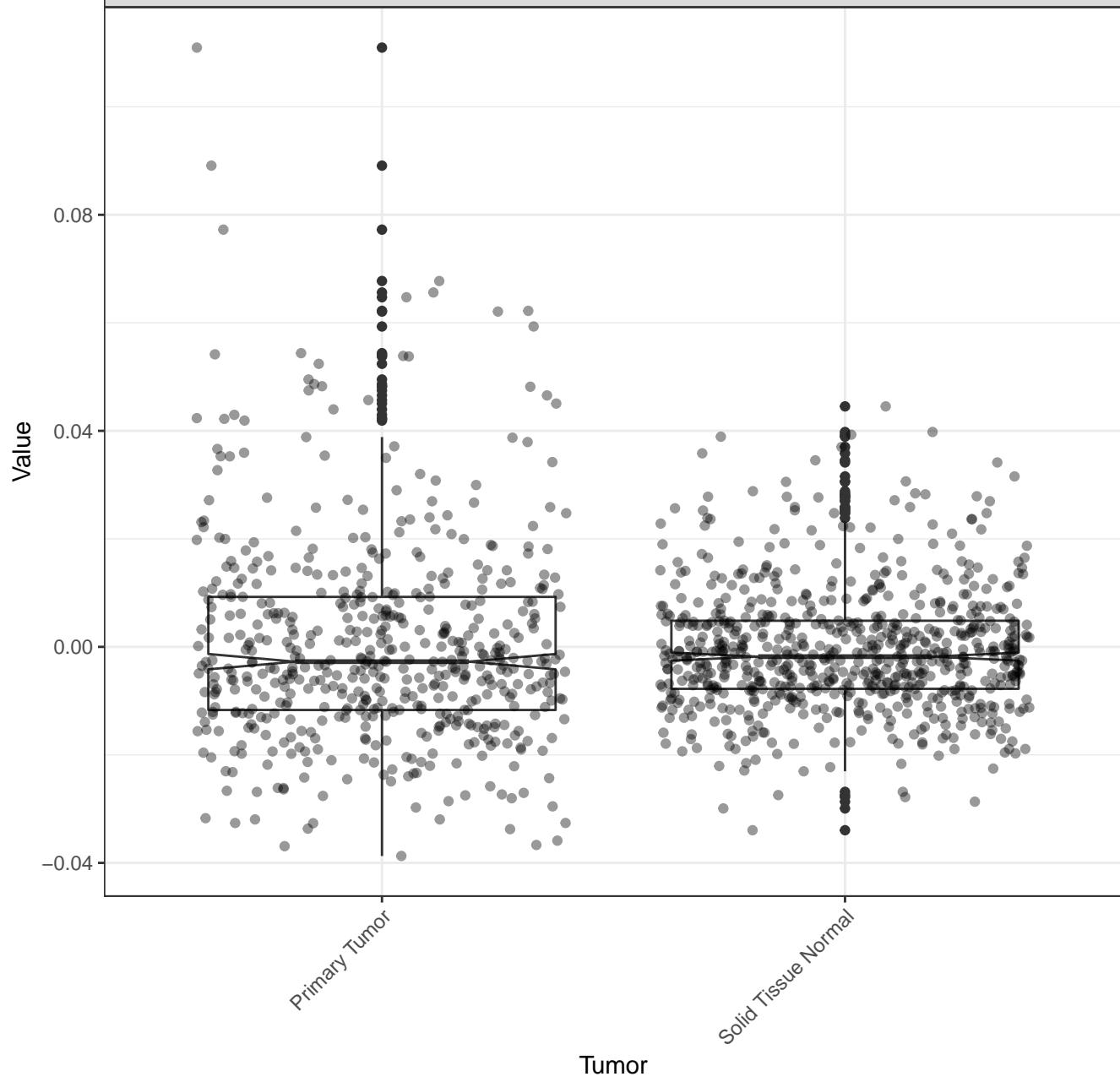
Primary Tumor

Solid Tissue Normal

Tumor



LV 286



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

Value

0.3

0.2

0.1

0.0

Primary Tumor

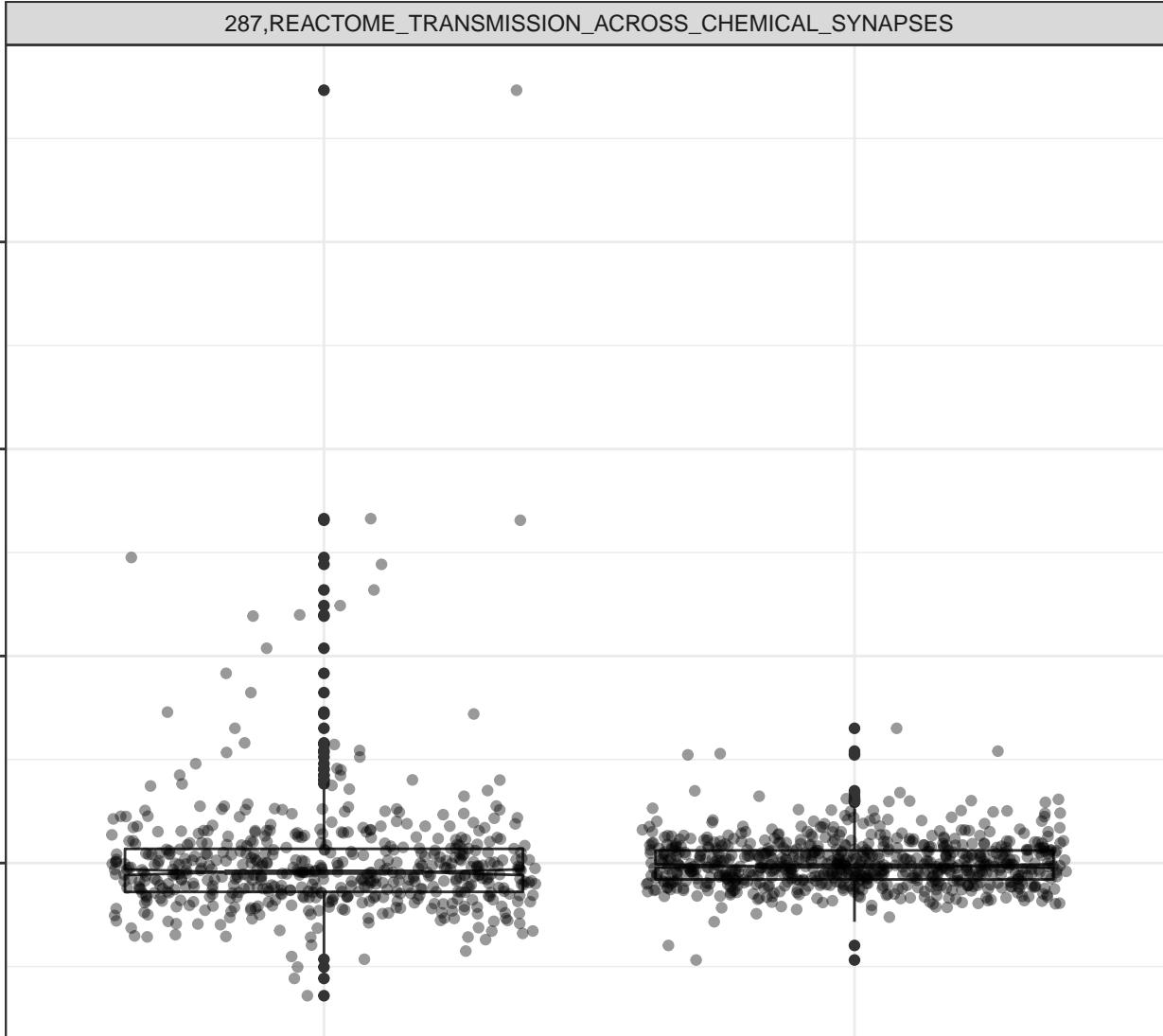
Solid Tissue Normal

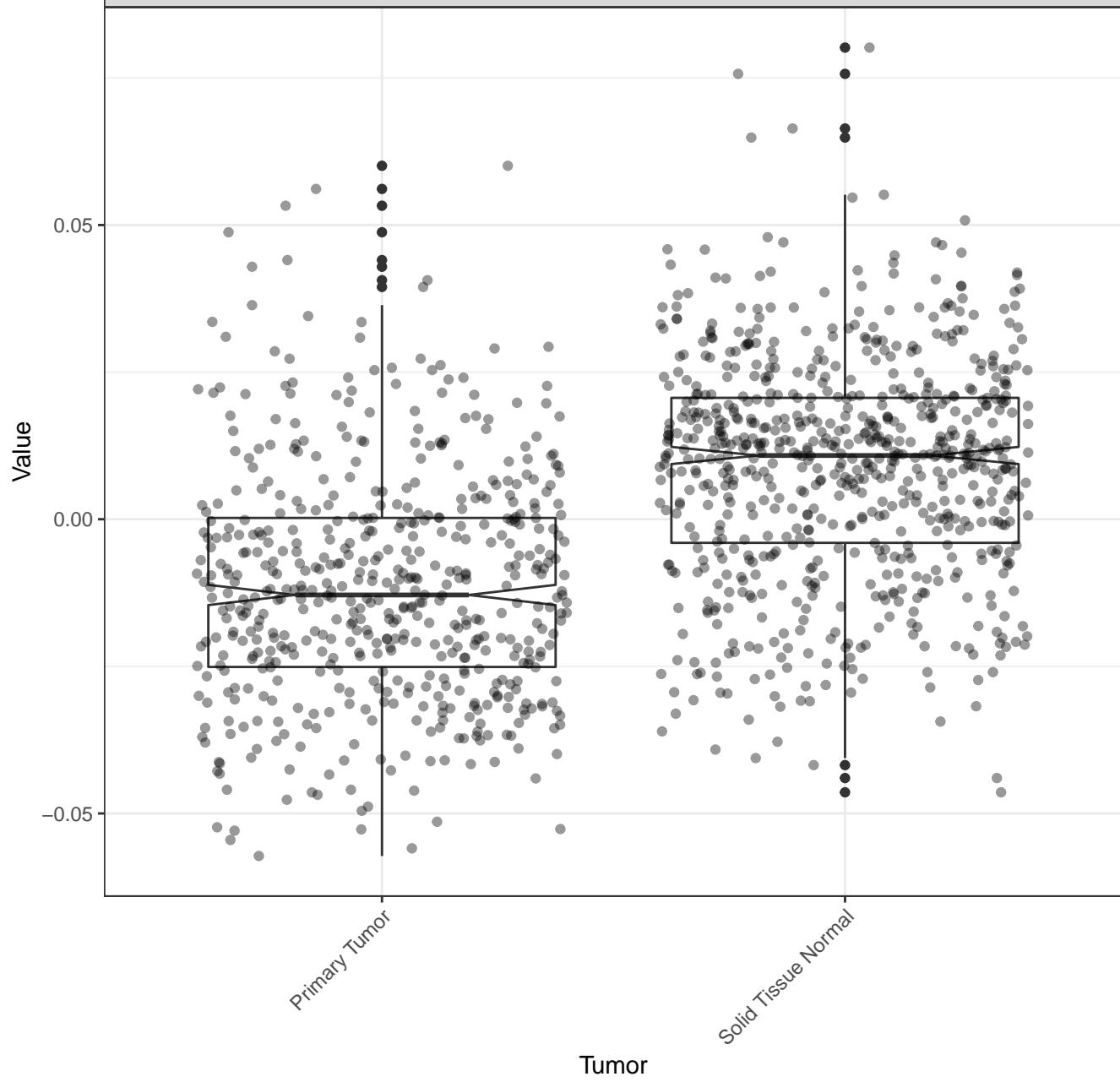
Tumor

Primary Tumor

Solid Tissue Normal

Tumor





LV 289

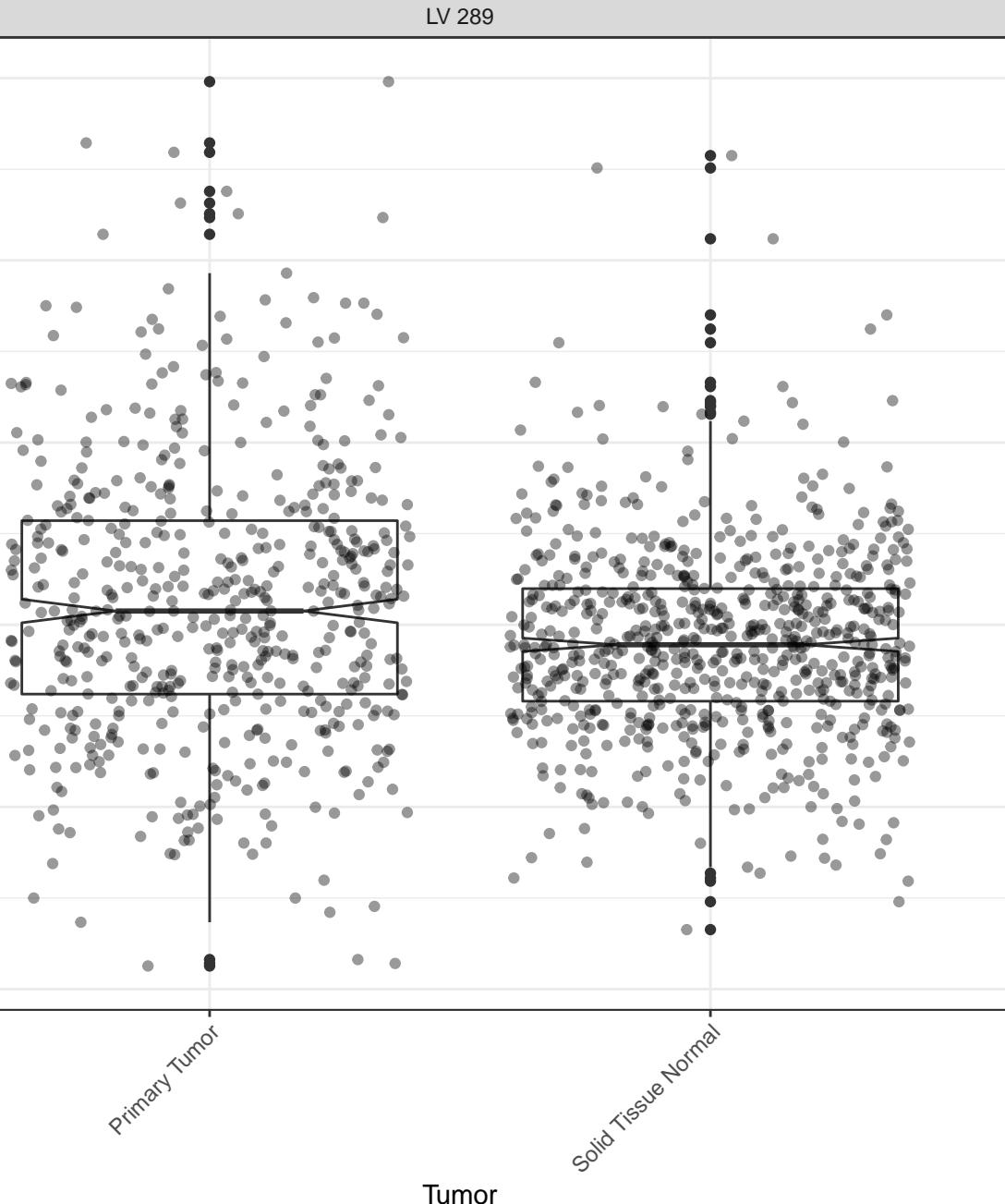
Value

0.075  
0.050  
0.025  
0.000  
-0.025  
-0.050

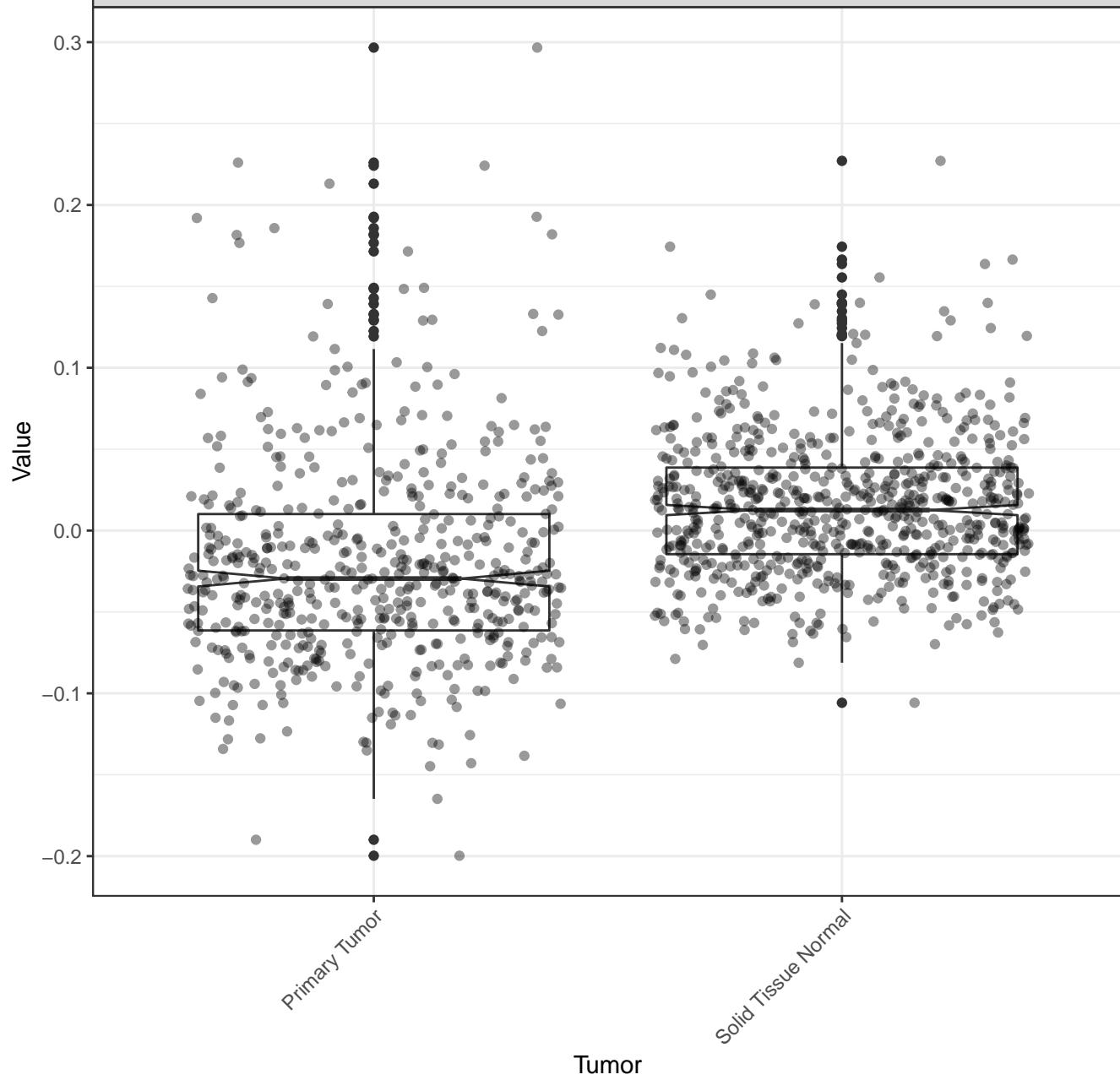
Primary Tumor

Solid Tissue Normal

Tumor



## 290,PID\_INTEGRIN1\_PATHWAY



LV 291

Value

0.10

0.05

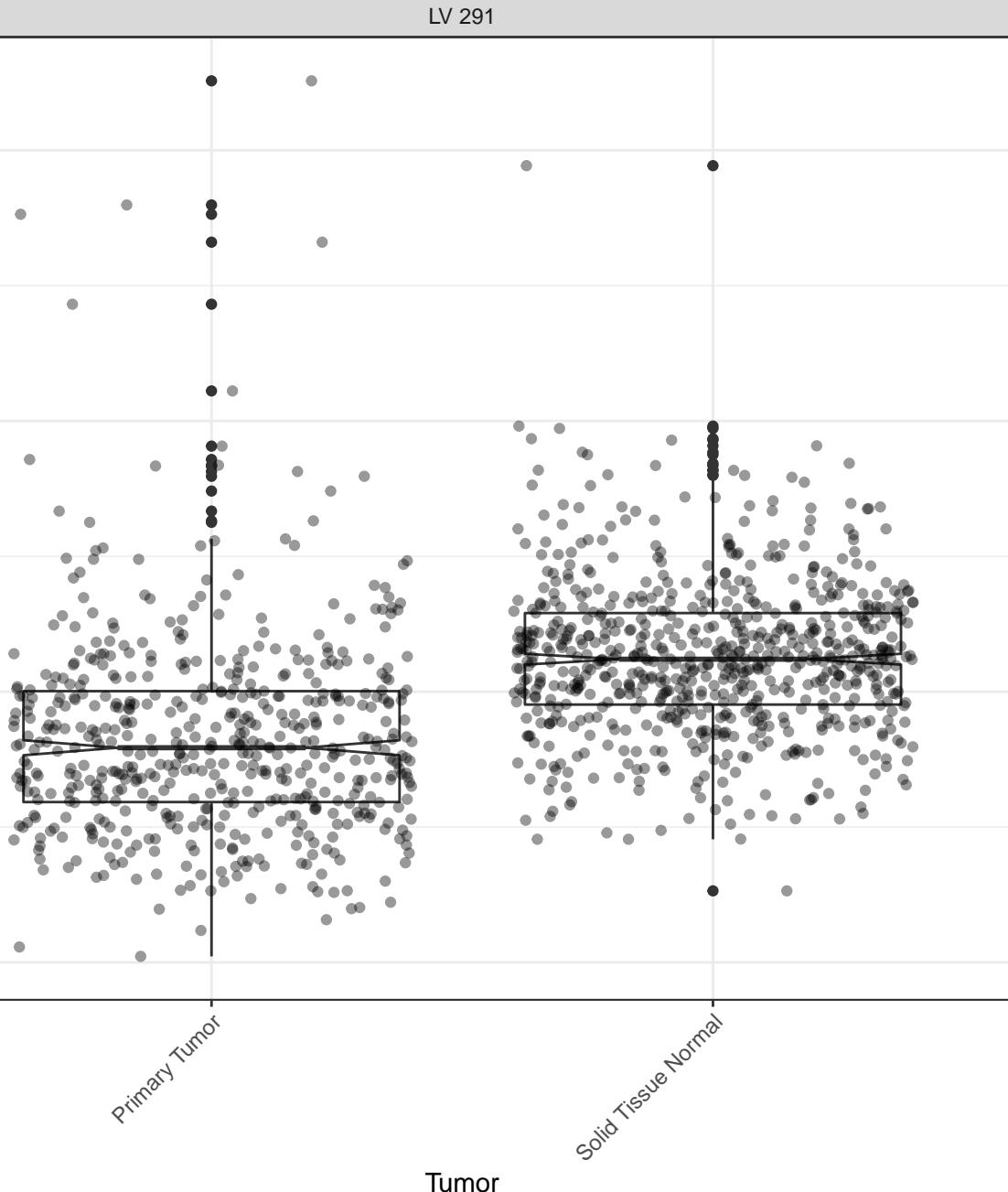
0.00

-0.05

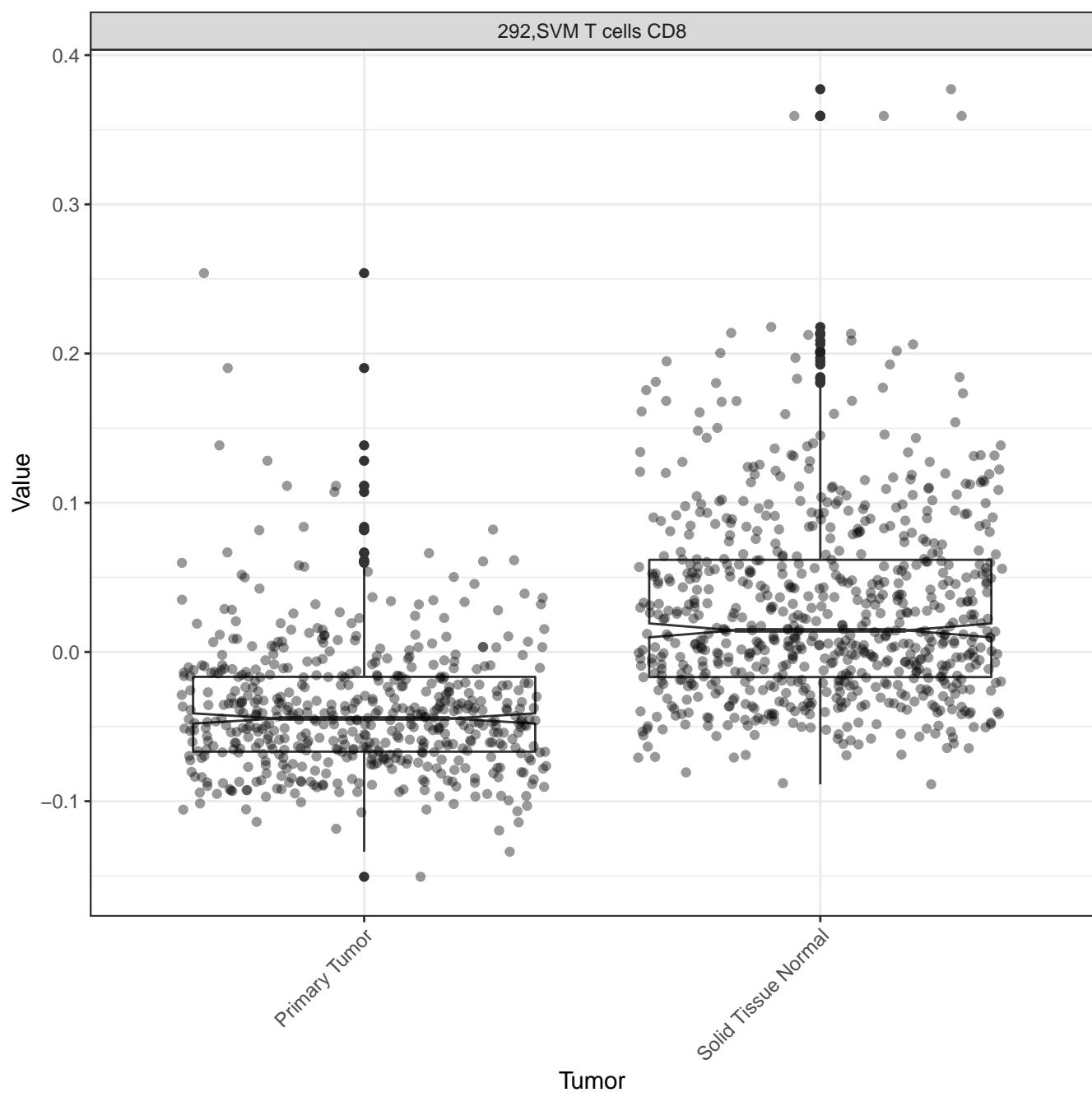
Primary Tumor

Solid Tissue Normal

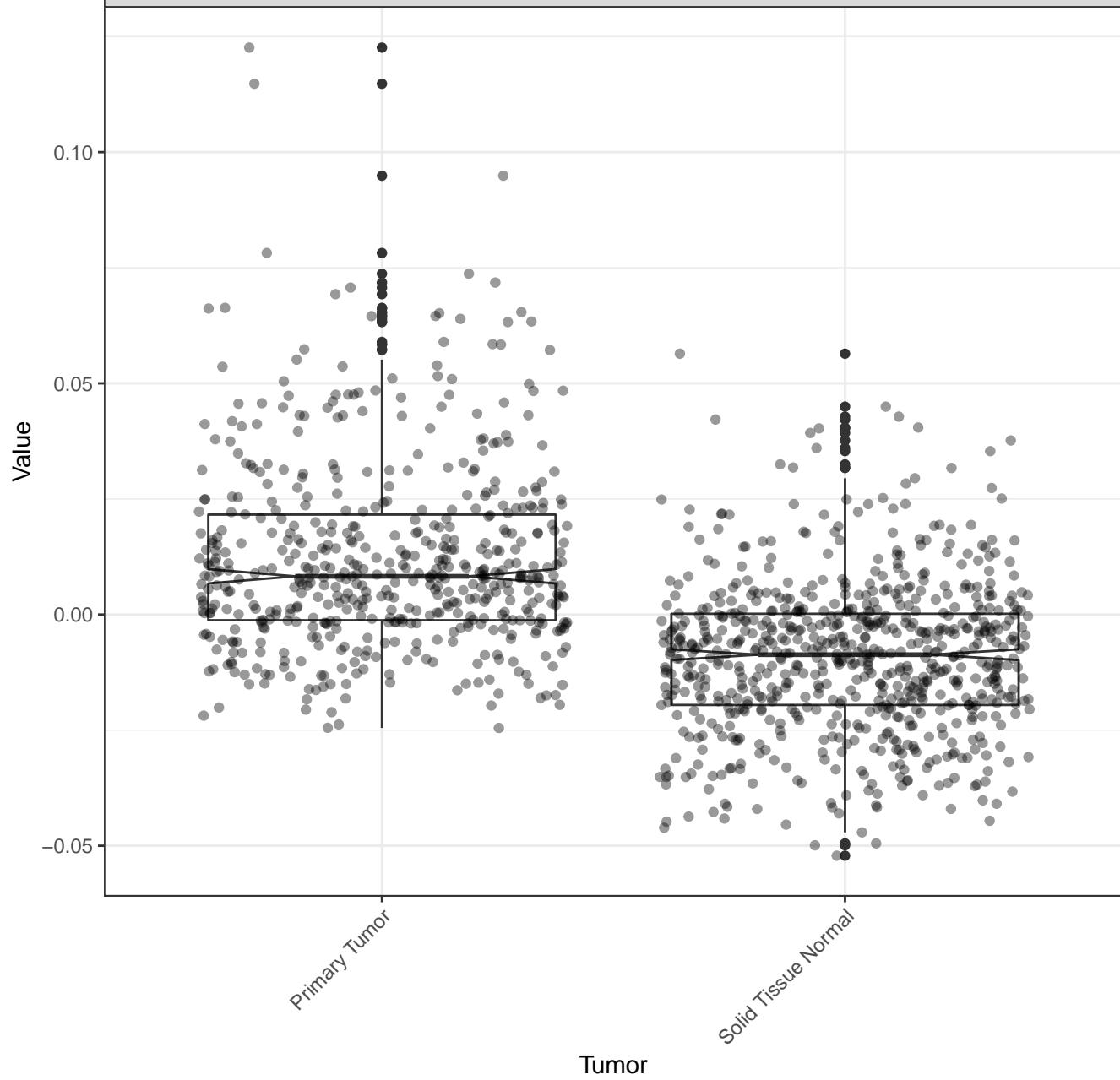
Tumor



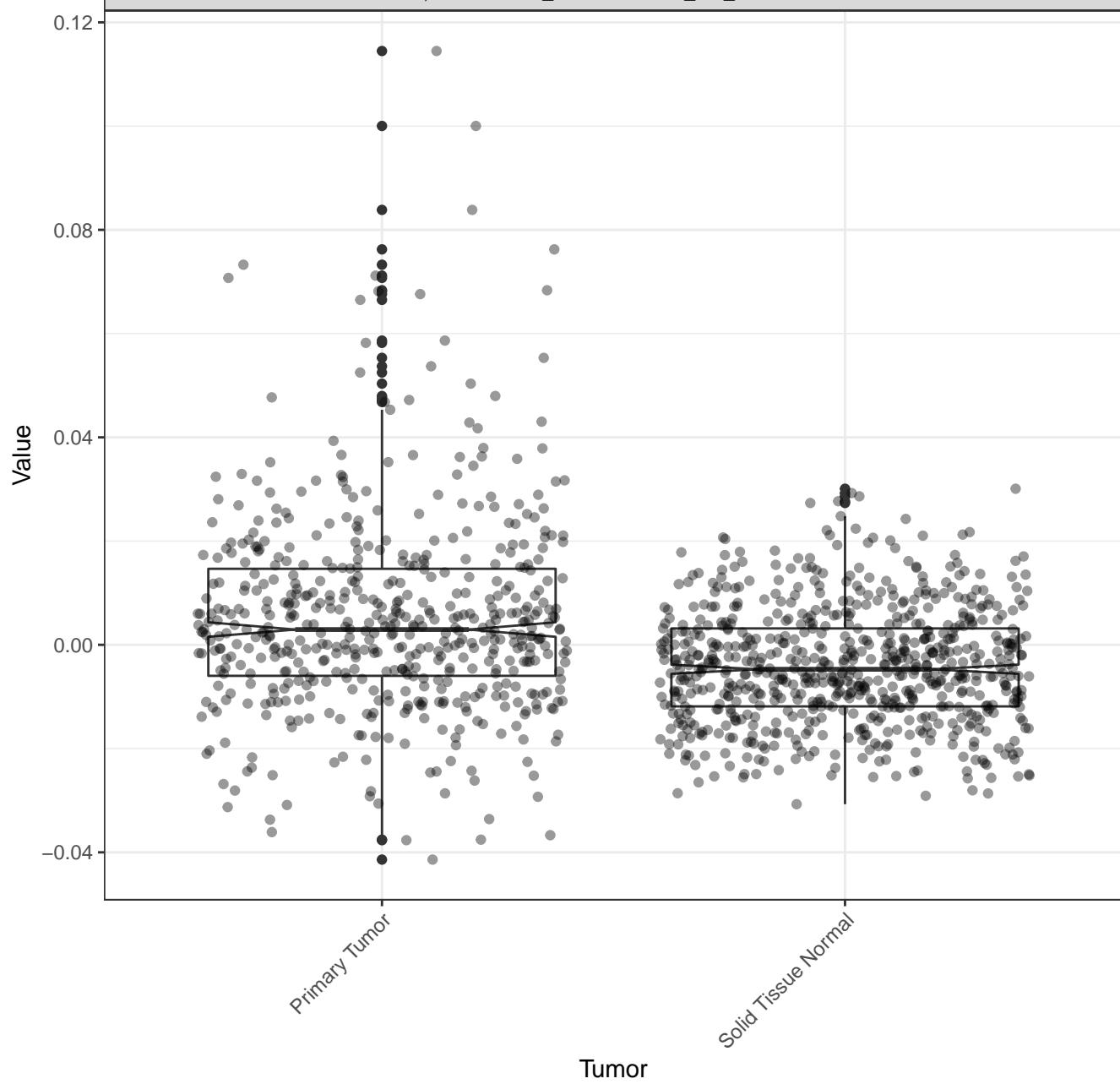
### 292,SVM T cells CD8



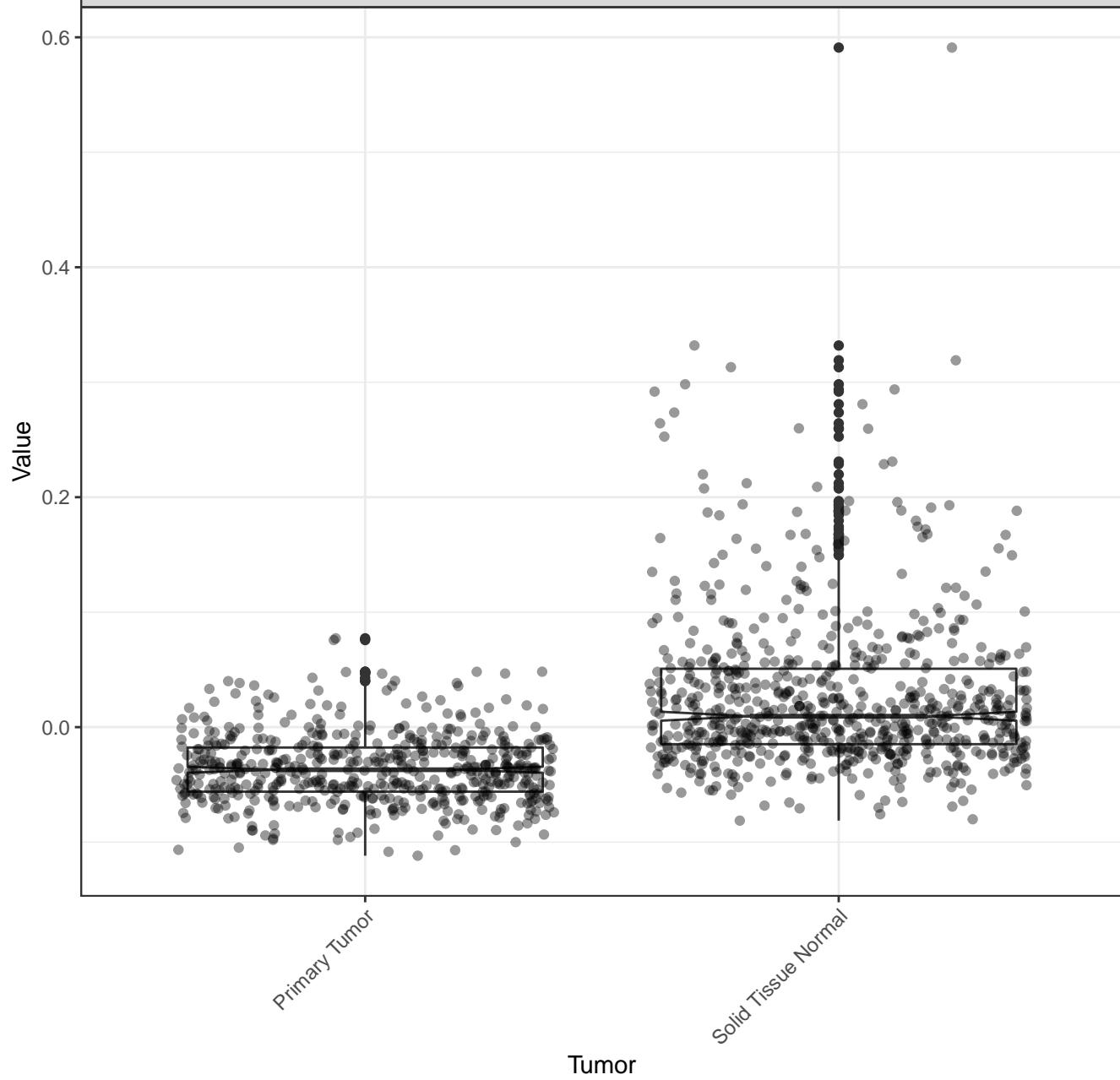
LV 293



294,REACTOME\_METABOLISM\_OF\_PROTEINS



# 295,PID\_ATF2\_PATHWAY



LV 296

Value

0.075

0.050

0.025

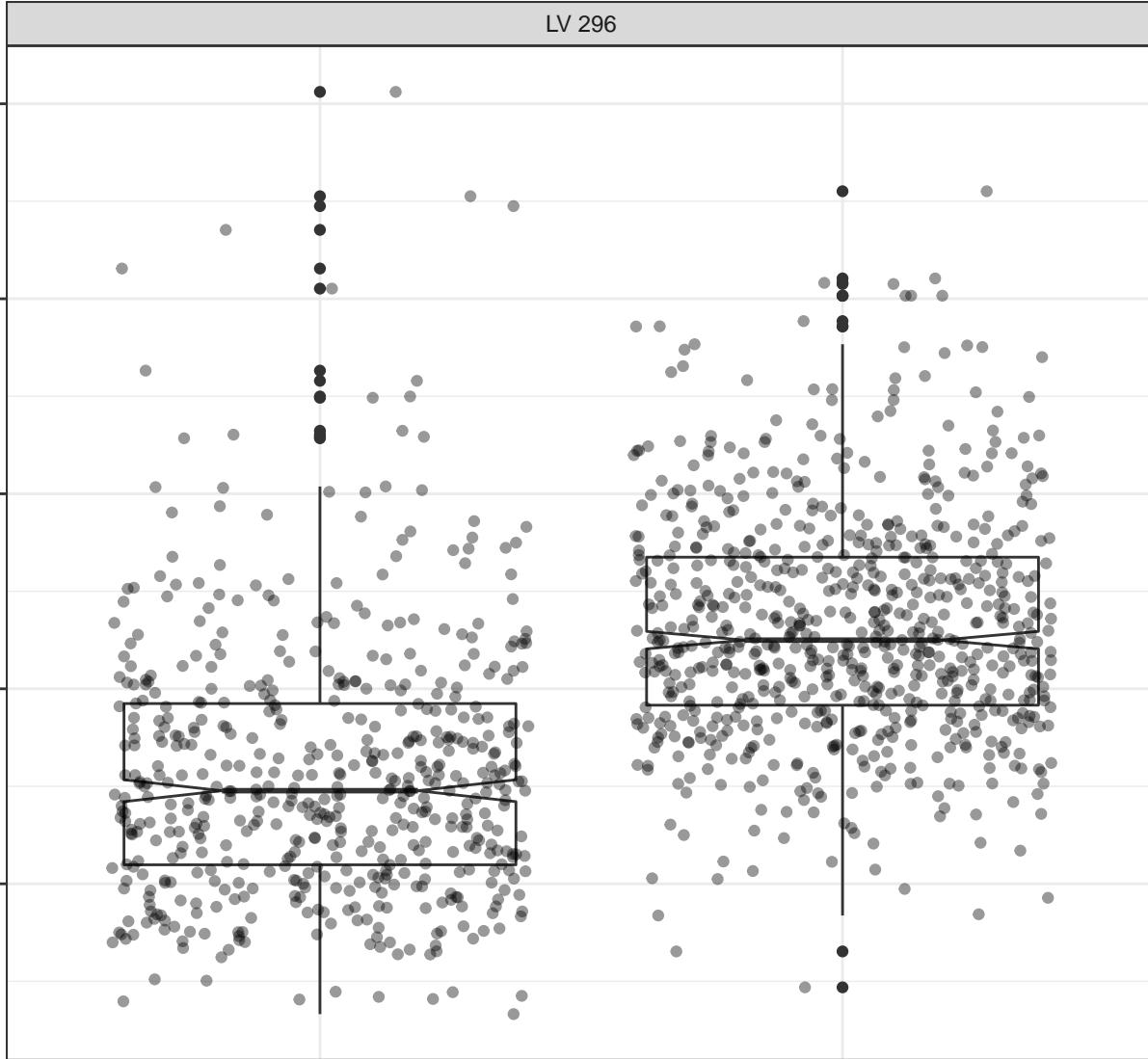
0.000

-0.025

Primary Tumor

Solid Tissue Normal

Tumor



Value

0.05

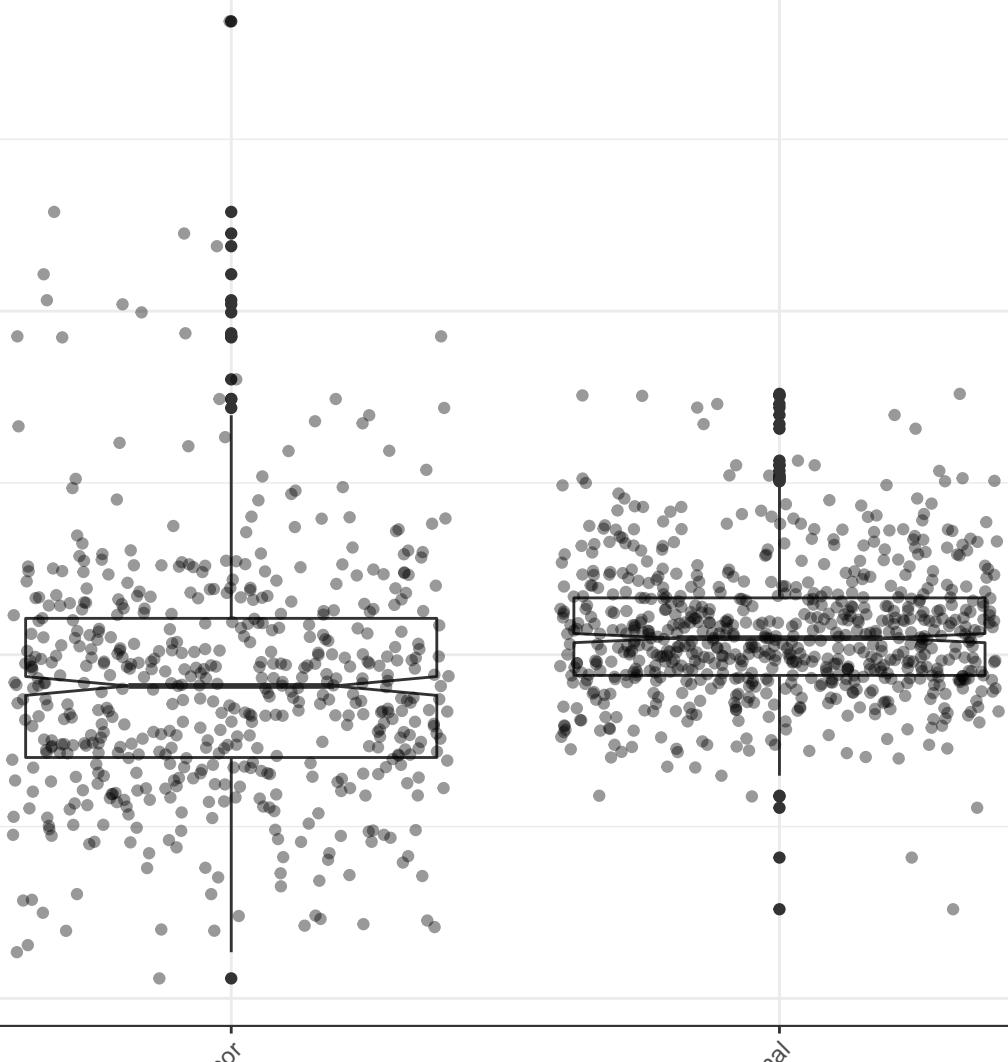
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



LV 298

Value

0.04

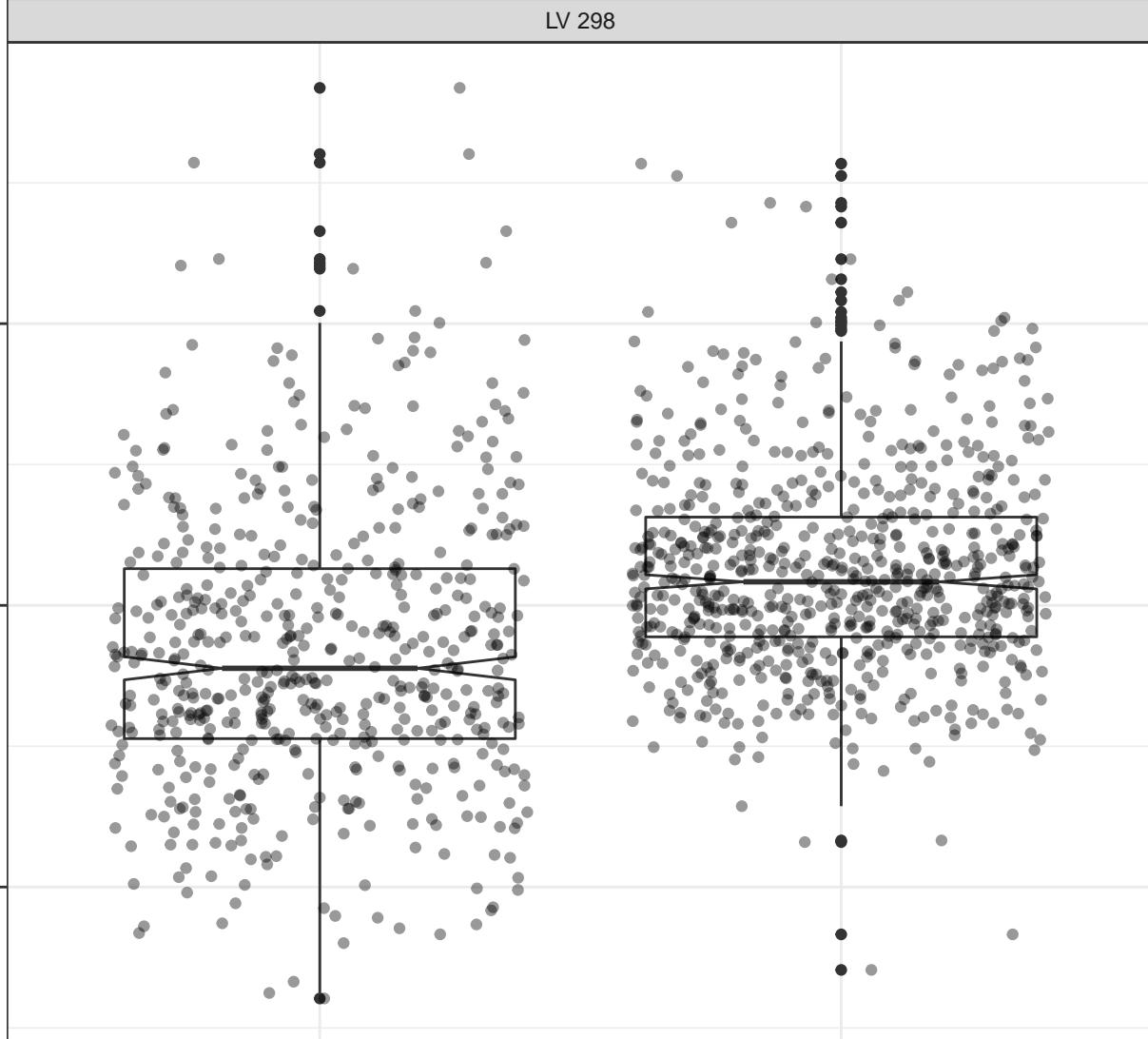
0.00

-0.04

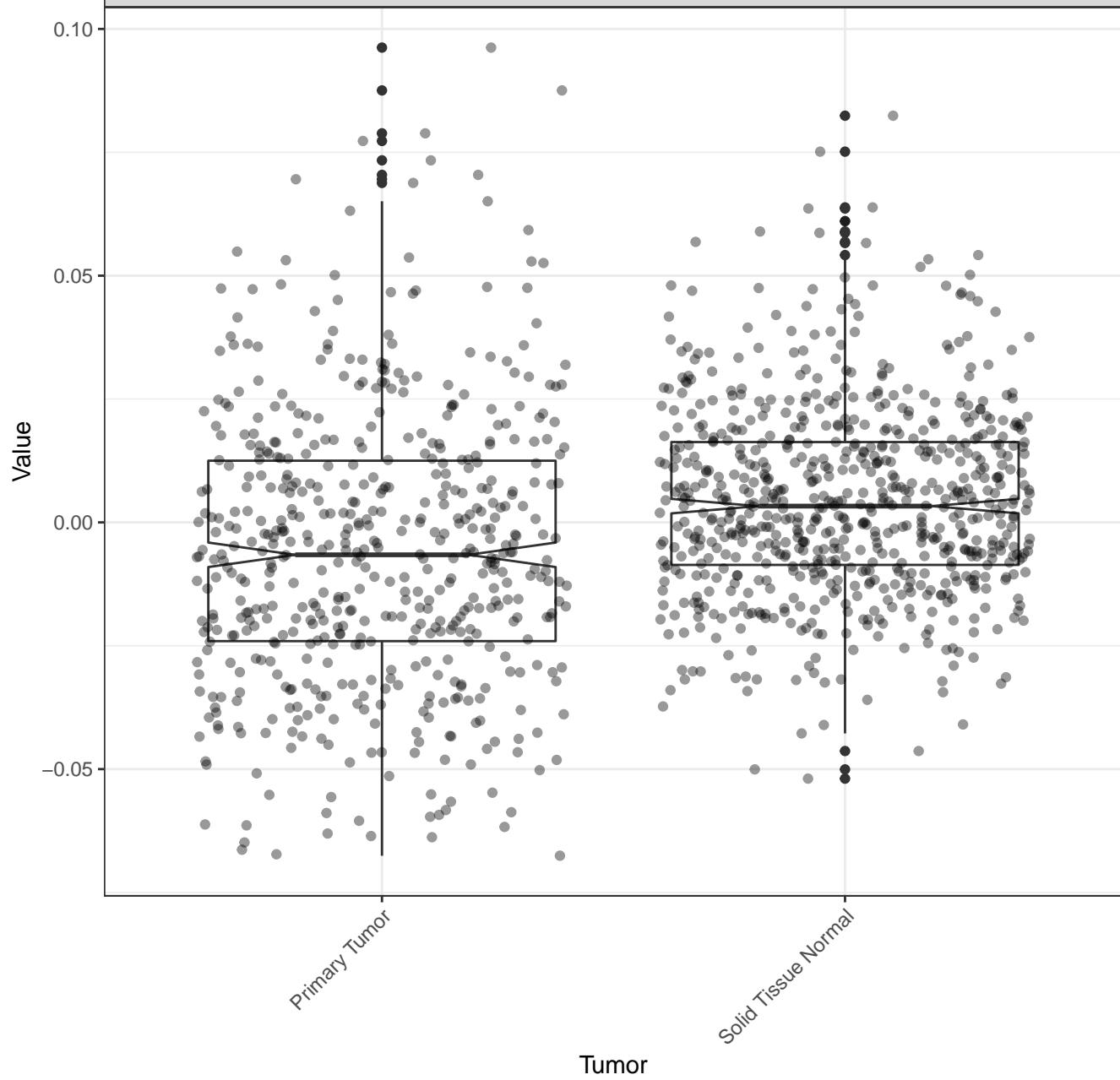
Primary Tumor

Solid Tissue Normal

Tumor



# 299,KEGG\_WNT\_SIGNALING\_PATHWAY



LV 300

Value

0.10

0.05

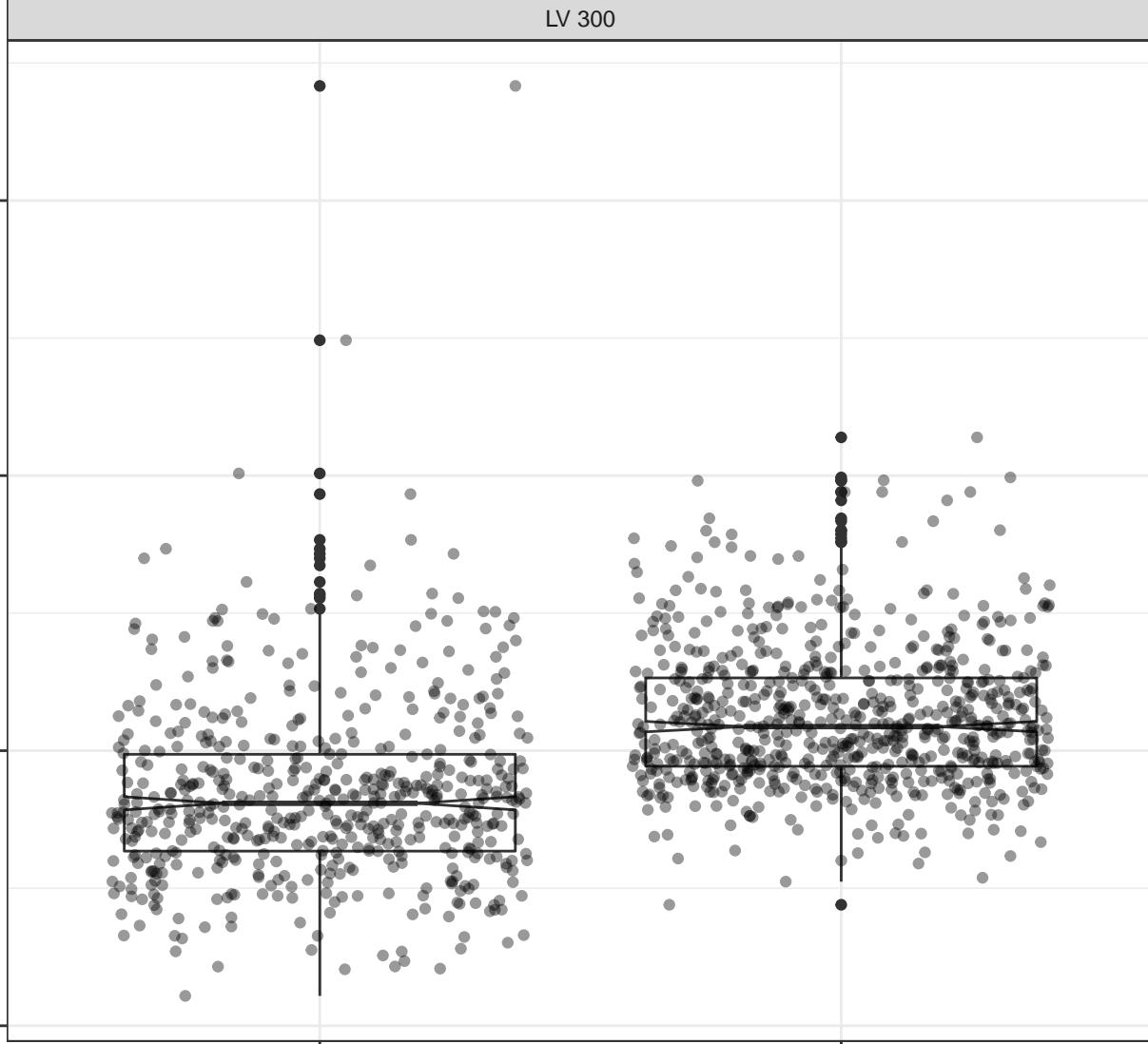
0.00

-0.05

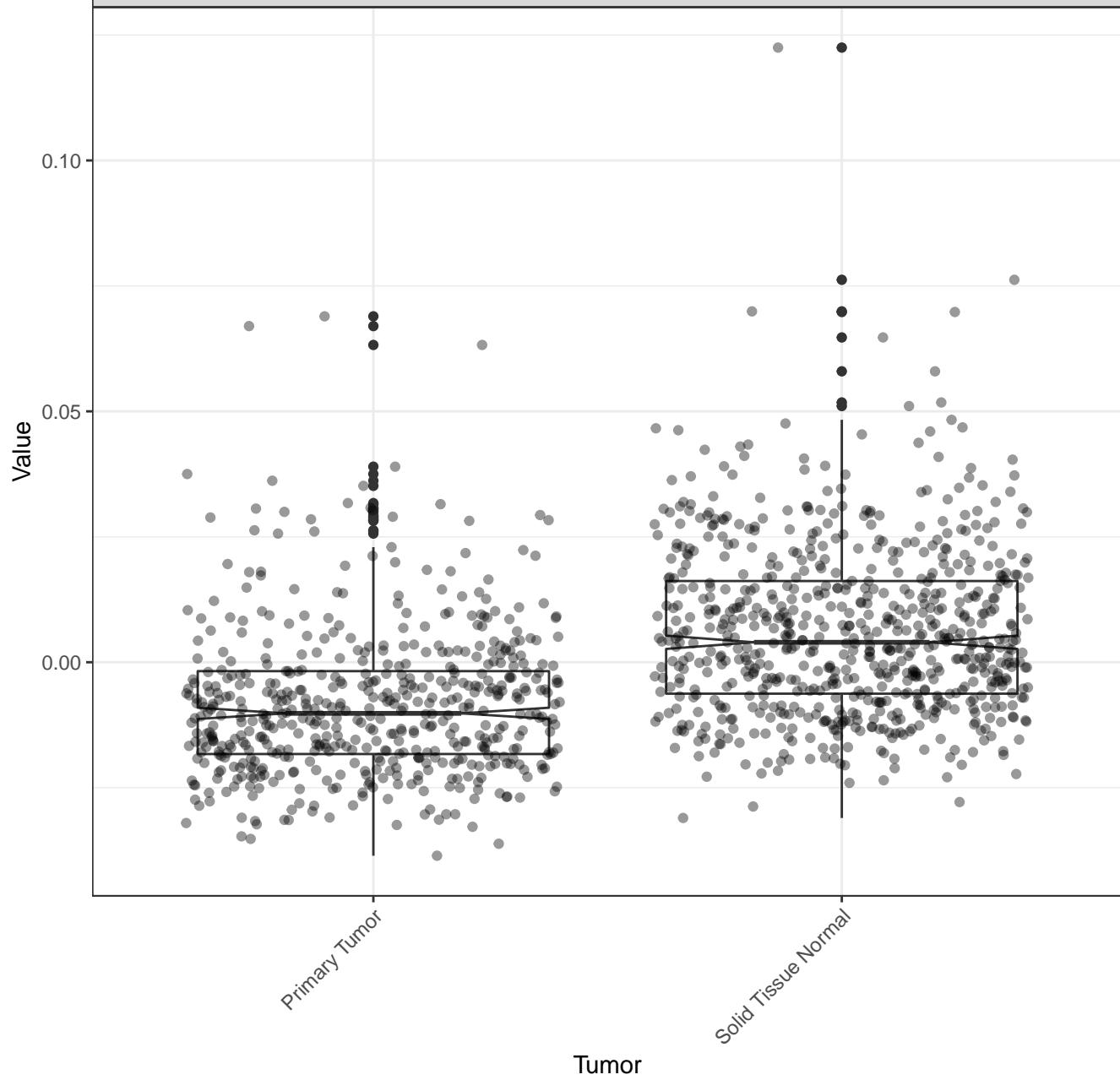
Primary Tumor

Solid Tissue Normal

Tumor



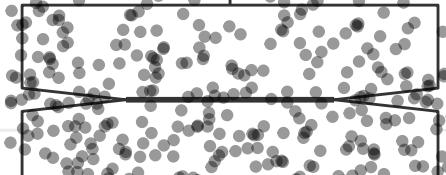
LV 301



Value

0.05

0.00



Primary Tumor

Tumor

Solid Tissue Normal

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

Value

0.10

0.05

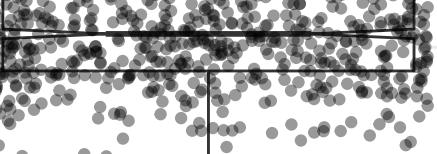
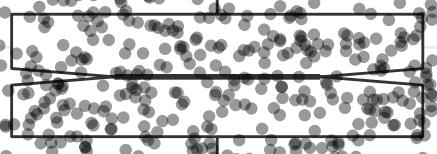
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



Value

0.15

0.10

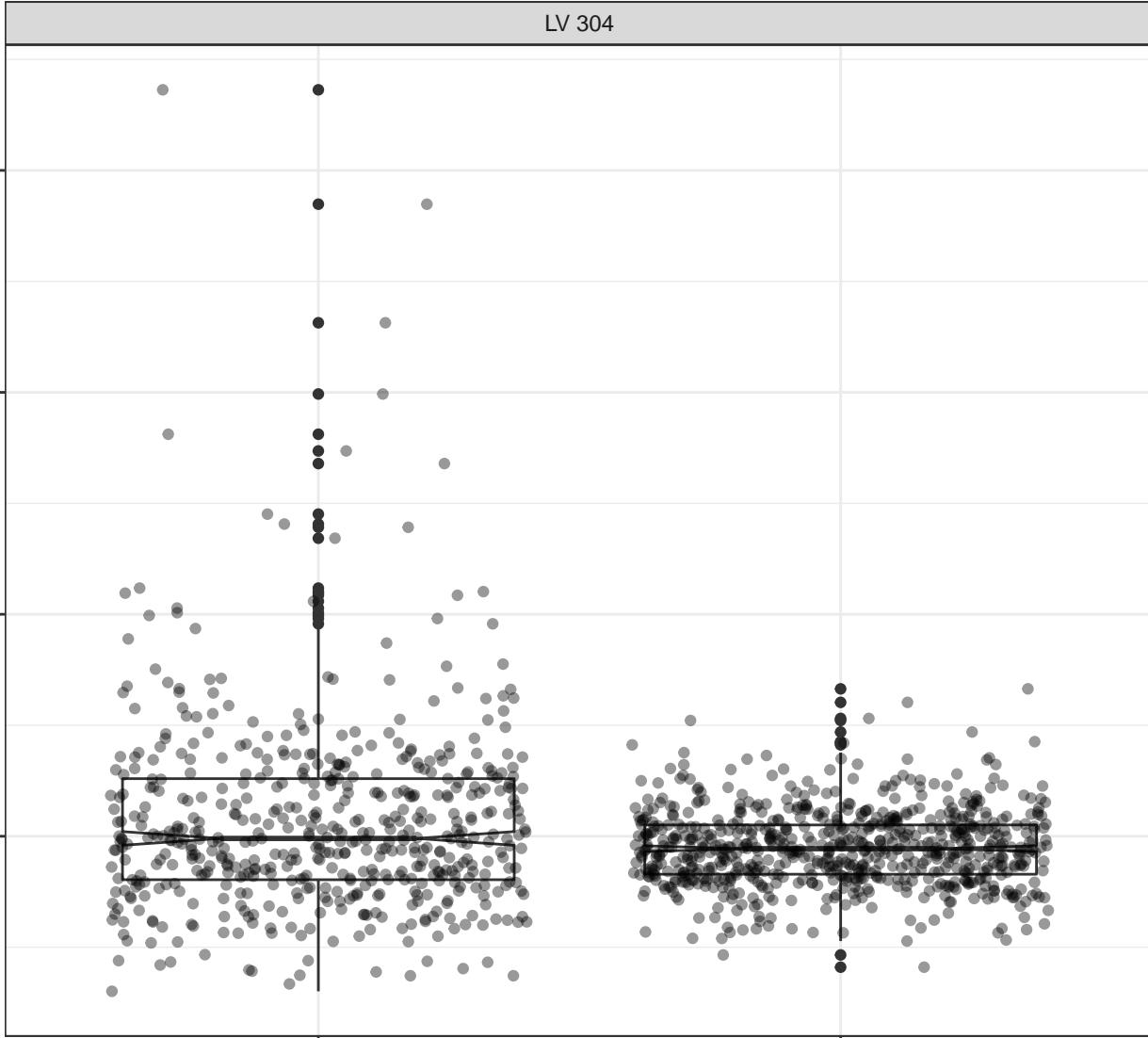
0.05

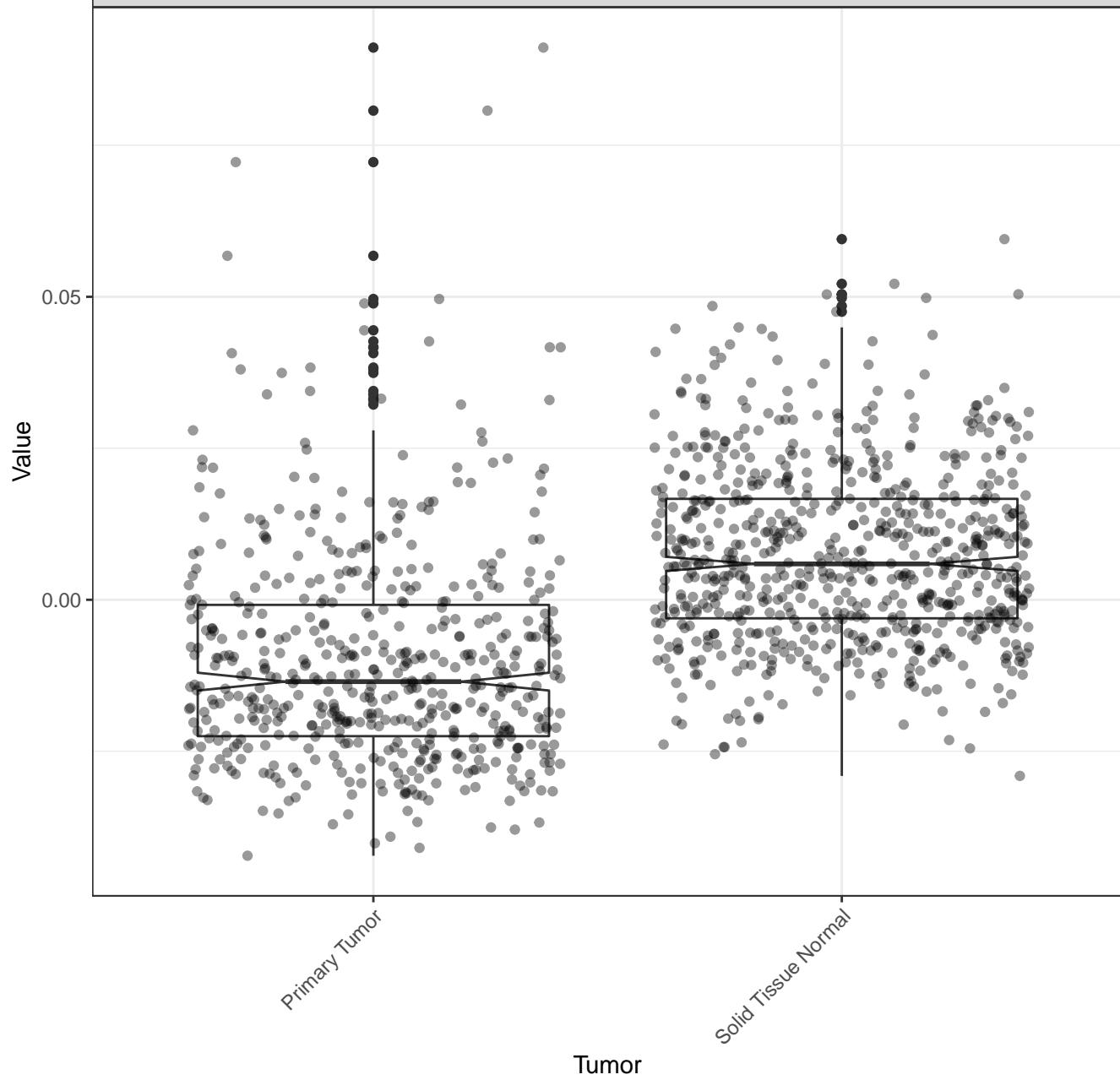
0.00

Primary Tumor

Solid Tissue Normal

Tumor





Value

0.05

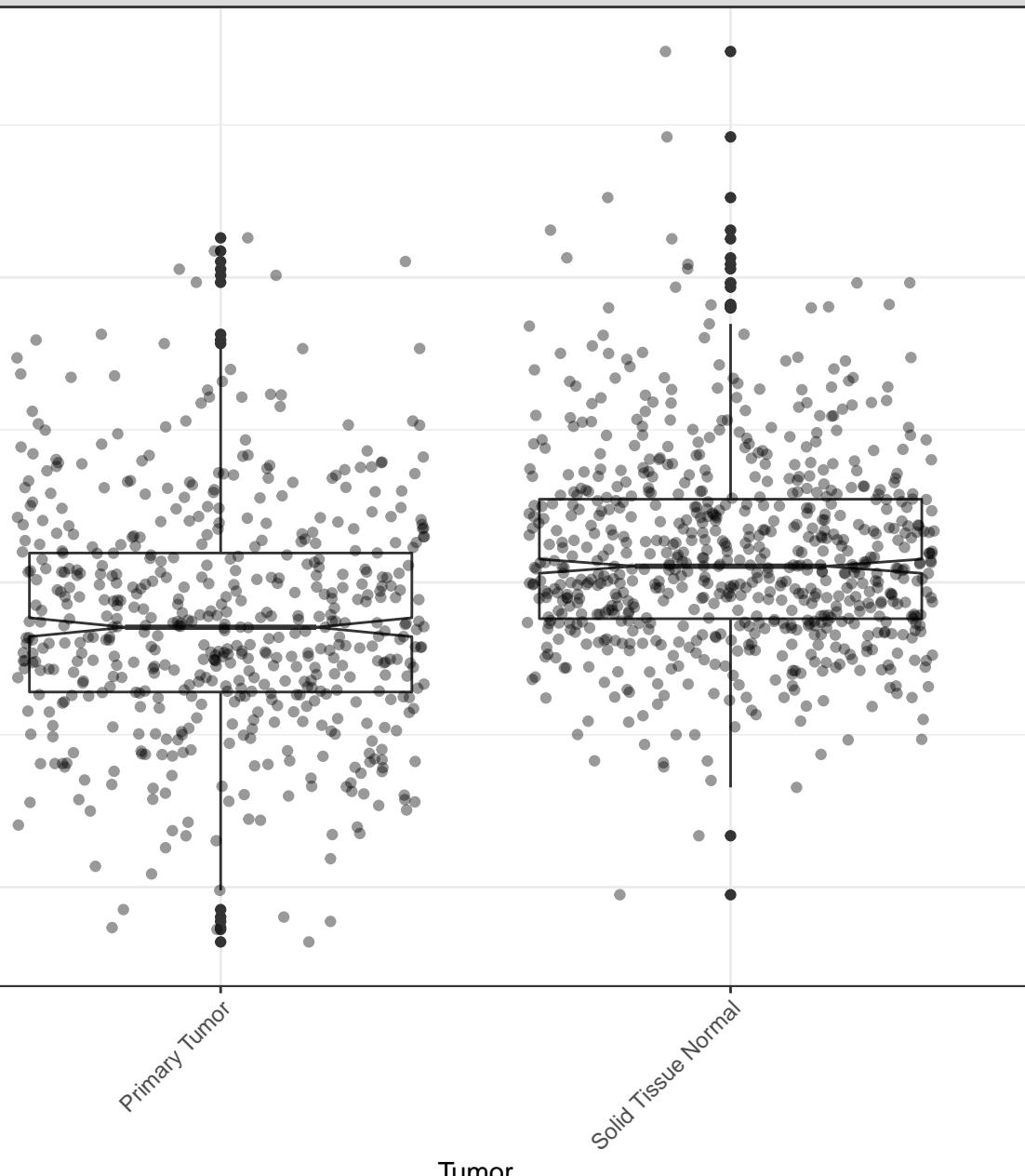
0.00

-0.05

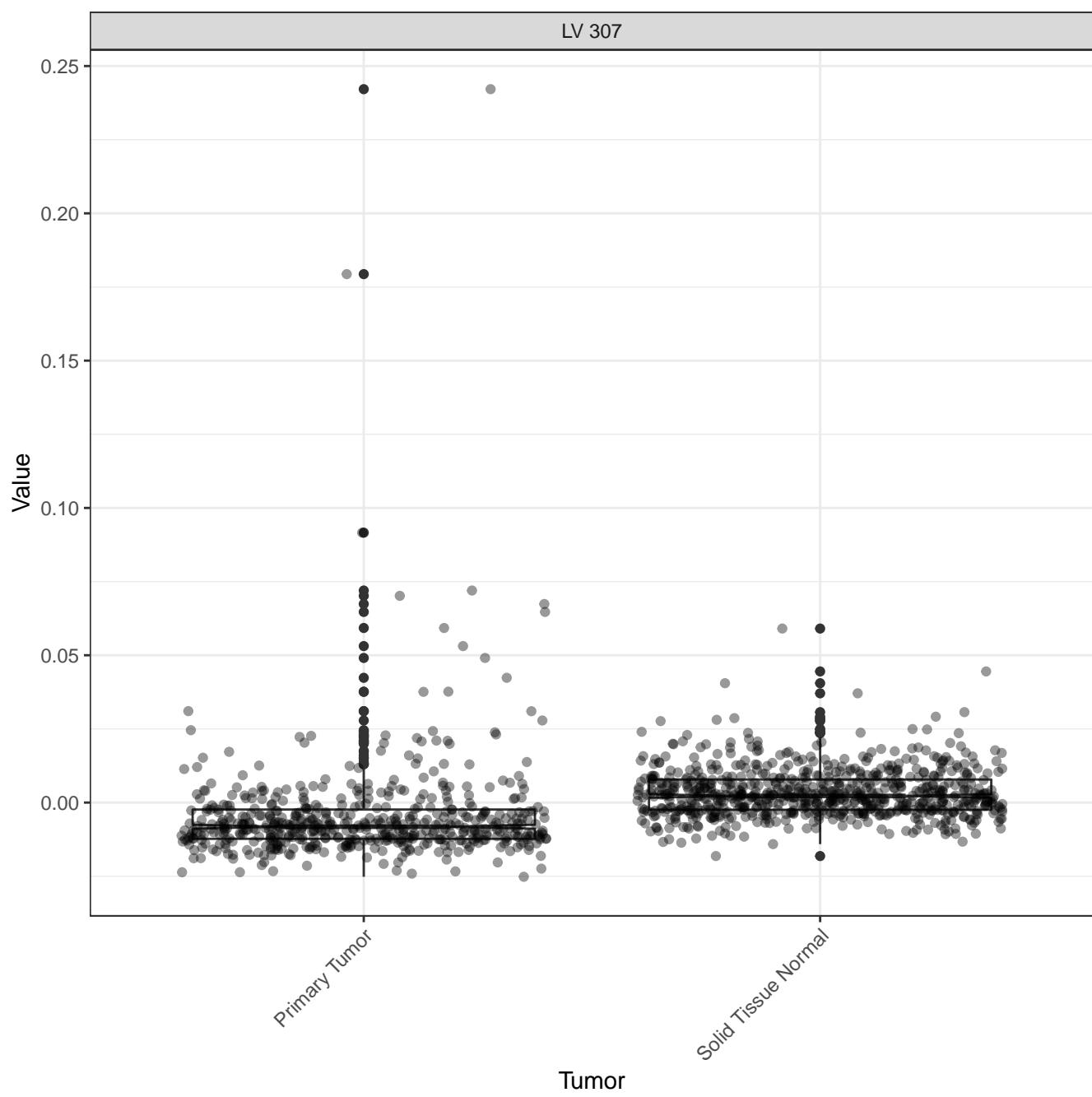
Primary Tumor

Solid Tissue Normal

Tumor



LV 307



LV 308

Value

0.10

0.05

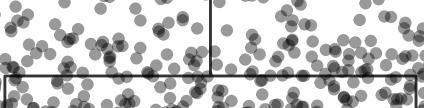
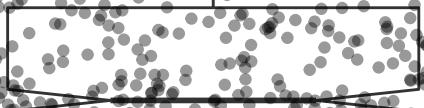
0.00

-0.05

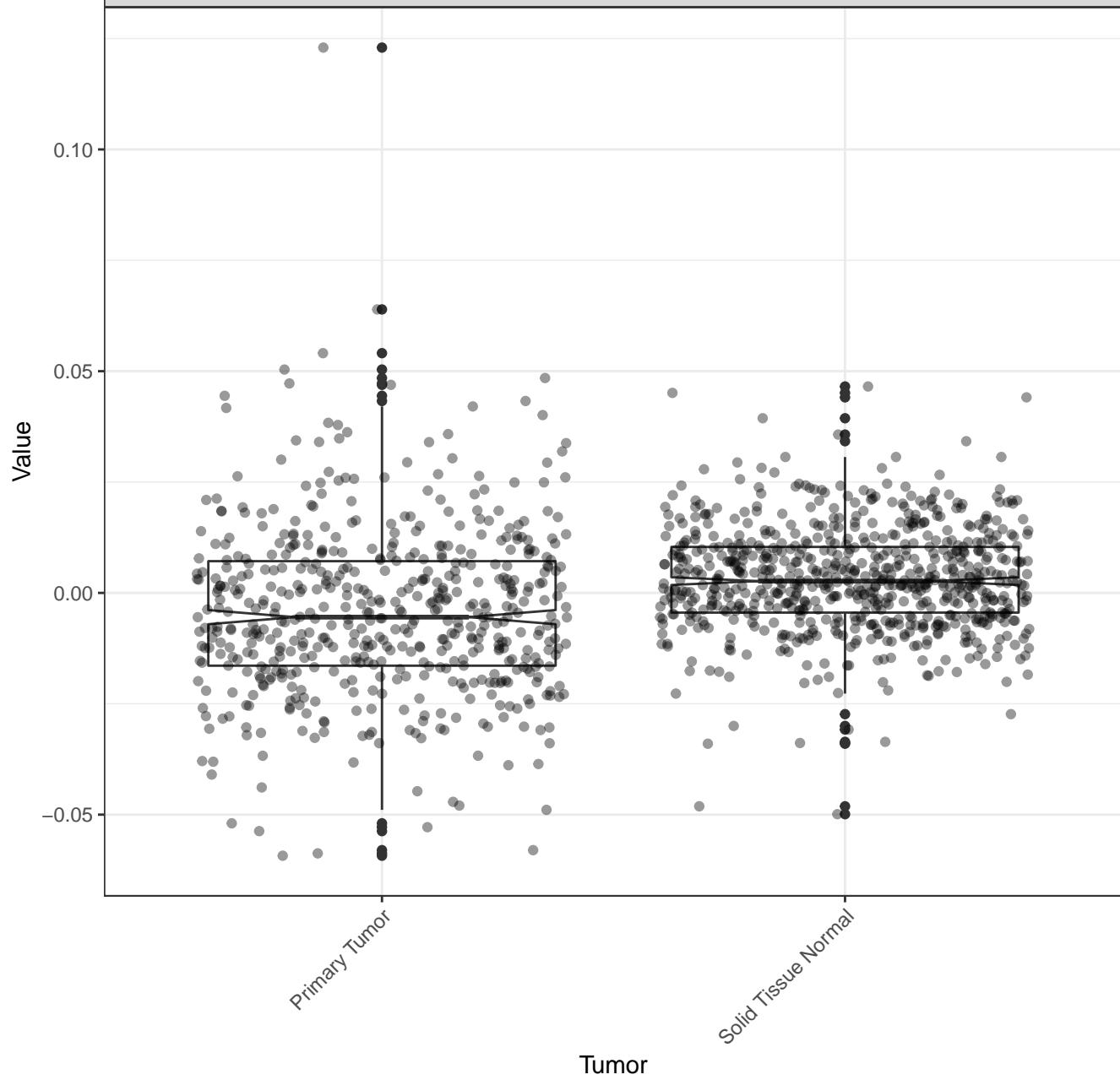
Primary Tumor

Solid Tissue Normal

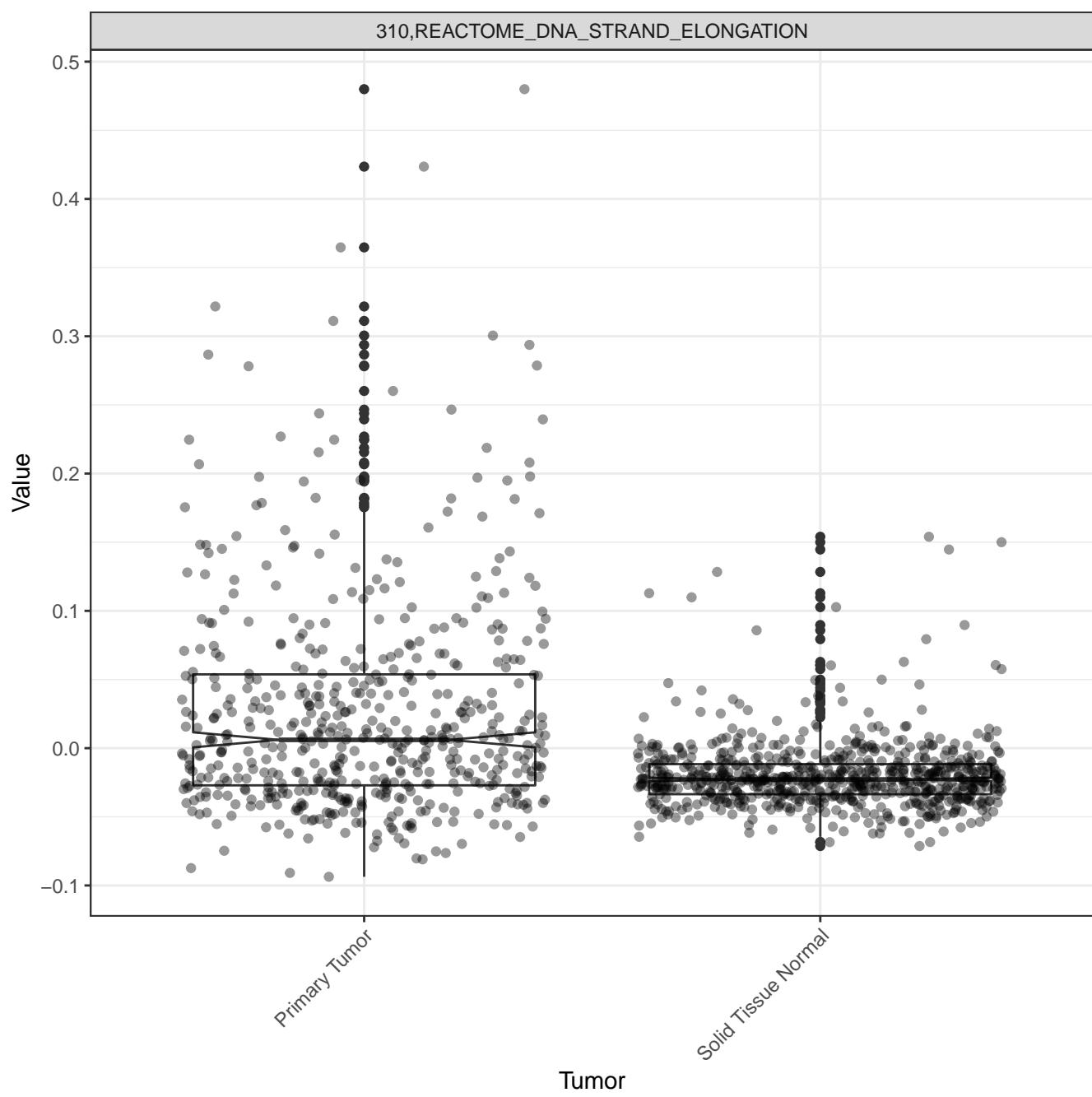
Tumor



## 309,REACTOME\_IMMUNE\_SYSTEM



### 310,REACTOME\_DNA\_STRAND\_ELONGATION



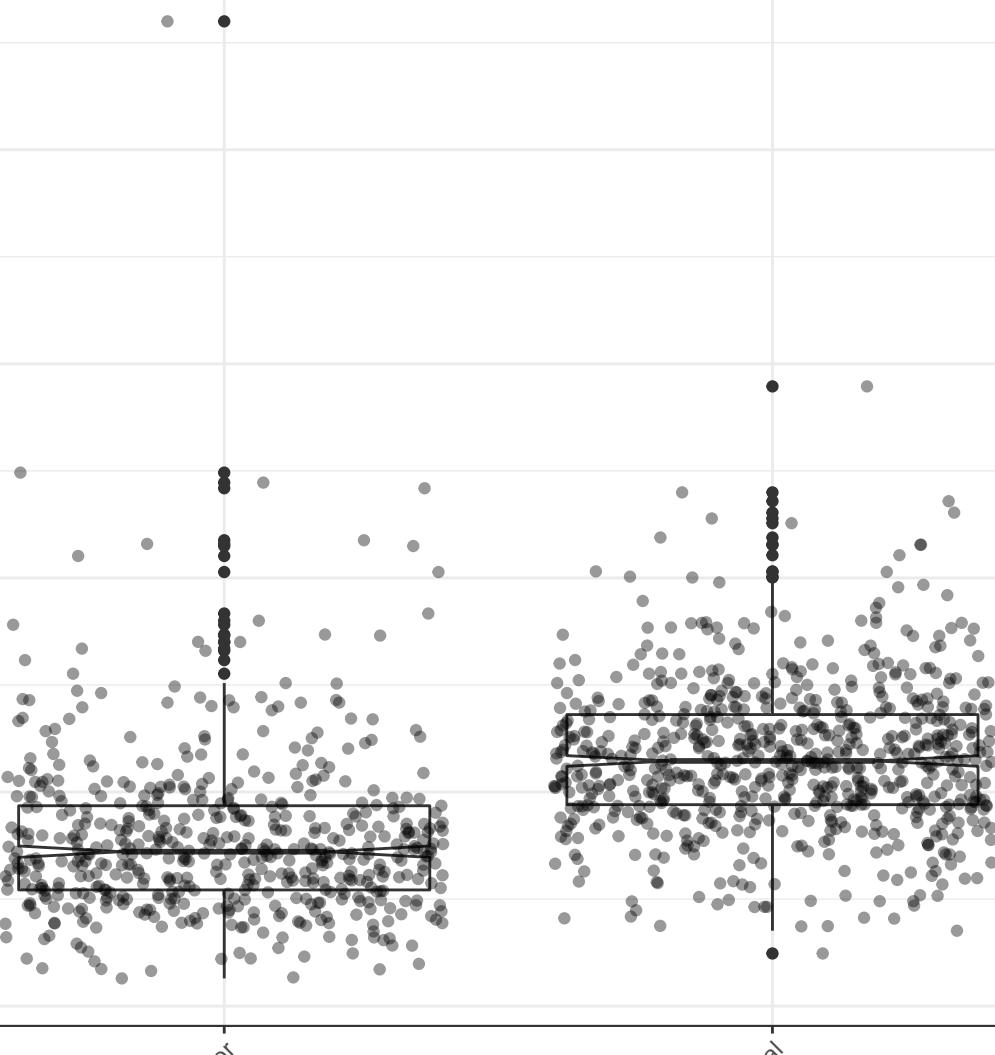
Value

0.15  
0.10  
0.05  
0.00  
-0.05

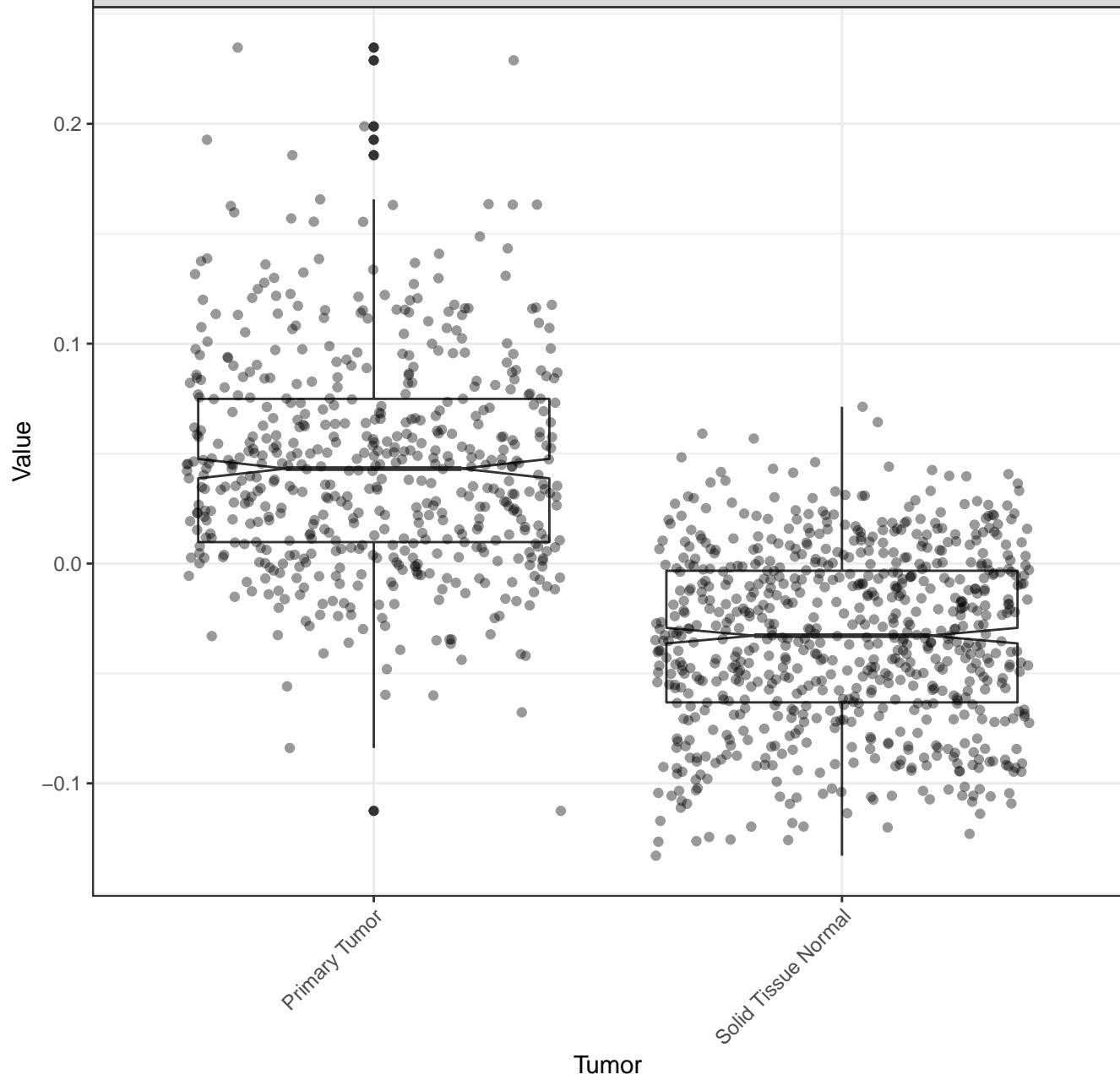
Primary Tumor

Solid Tissue Normal

Tumor



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



LV 313

Value

0.15

0.10

0.05

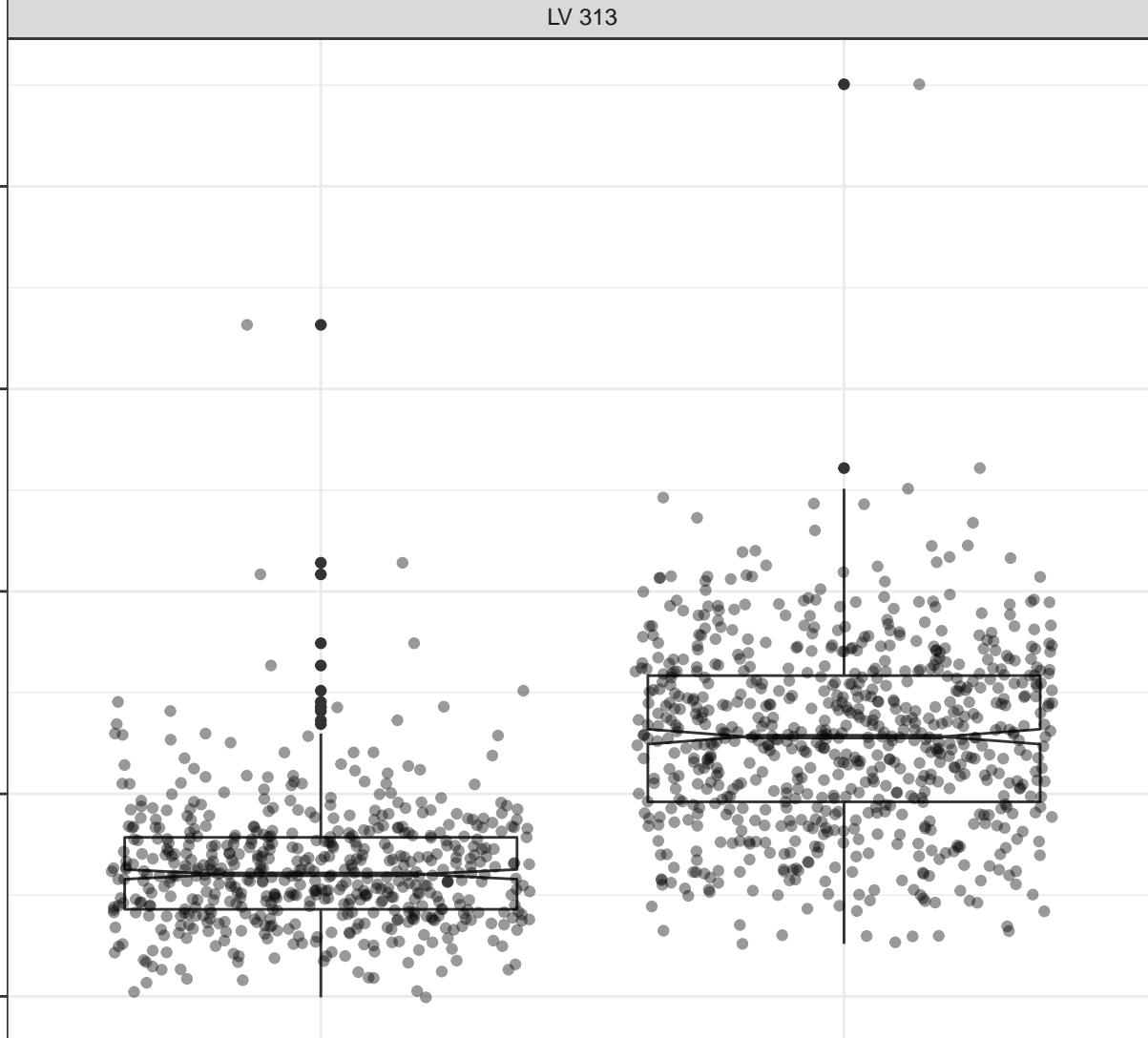
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



LV 314

Value

0.15

0.10

0.05

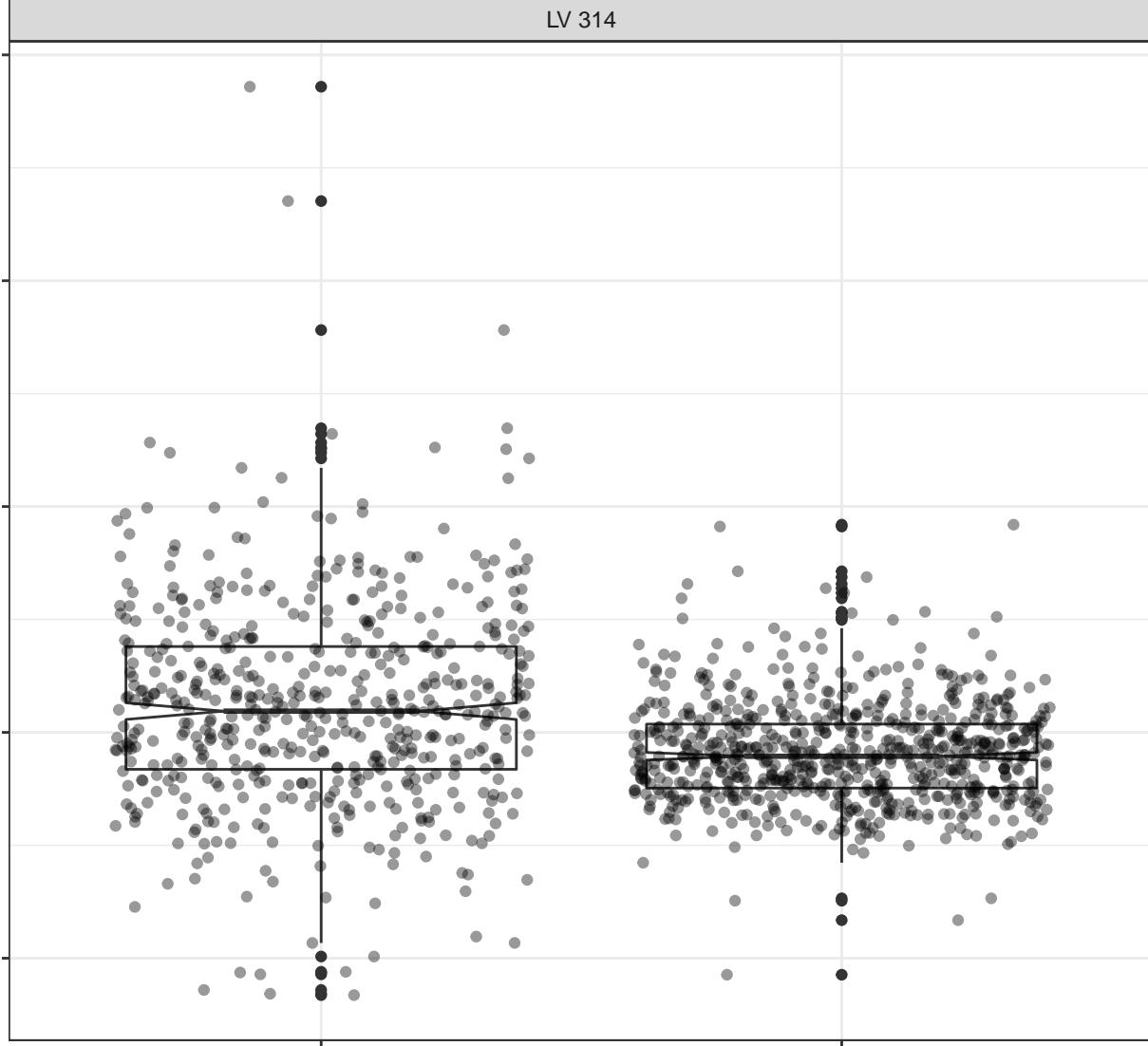
0.00

-0.05

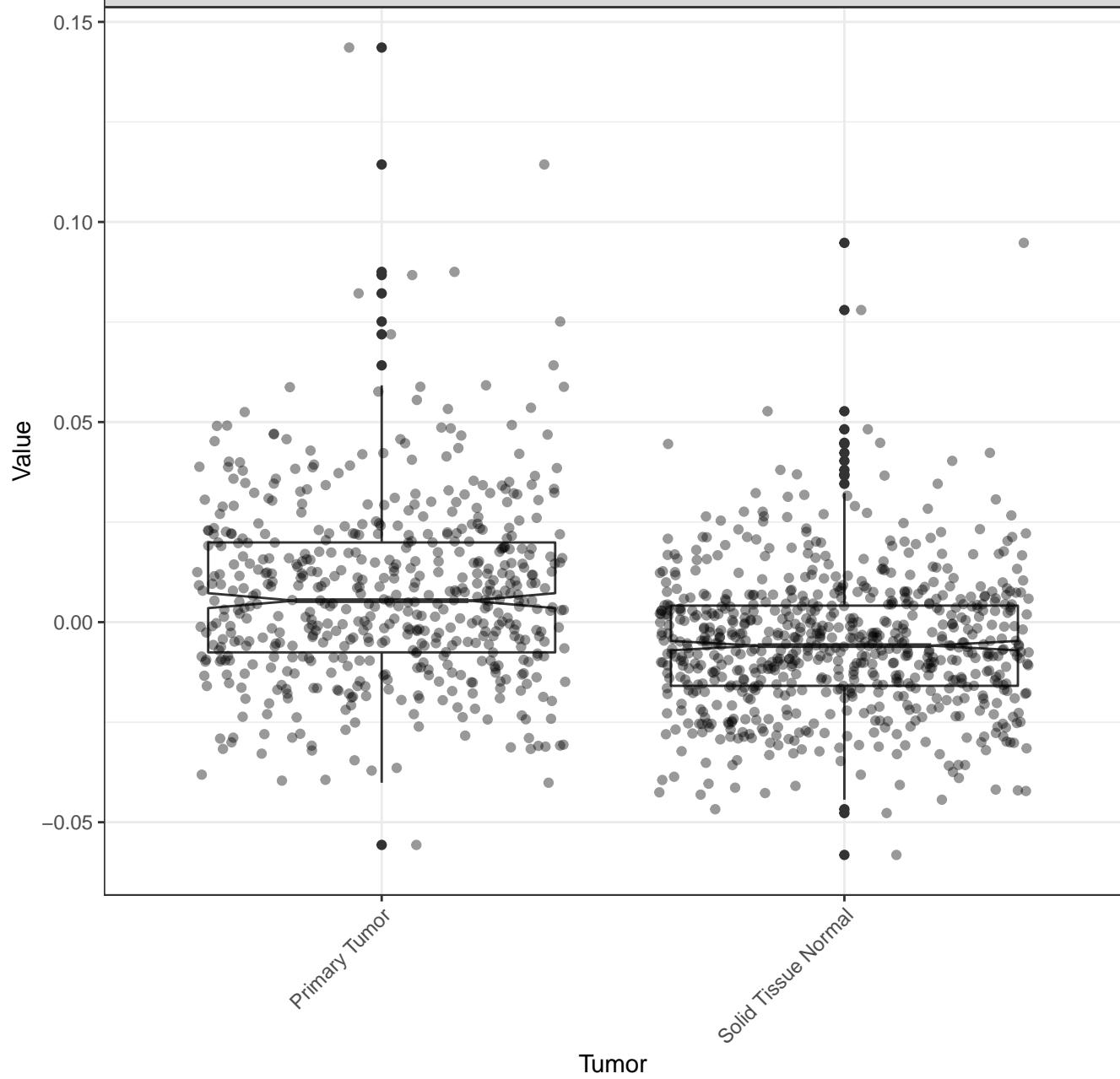
Primary Tumor

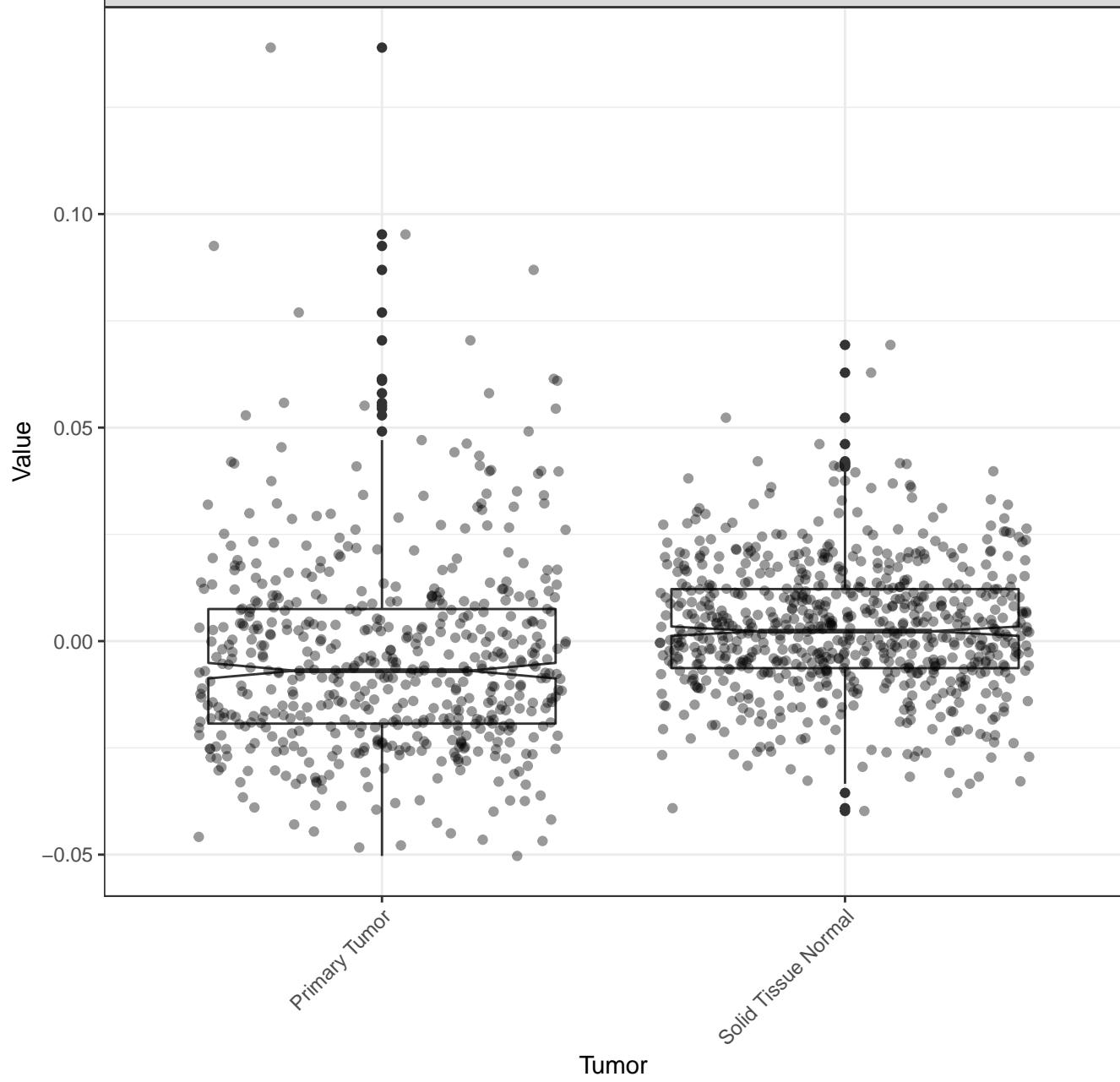
Solid Tissue Normal

Tumor



## 315,DMAP\_DENDA1





Value

0.04

0.00

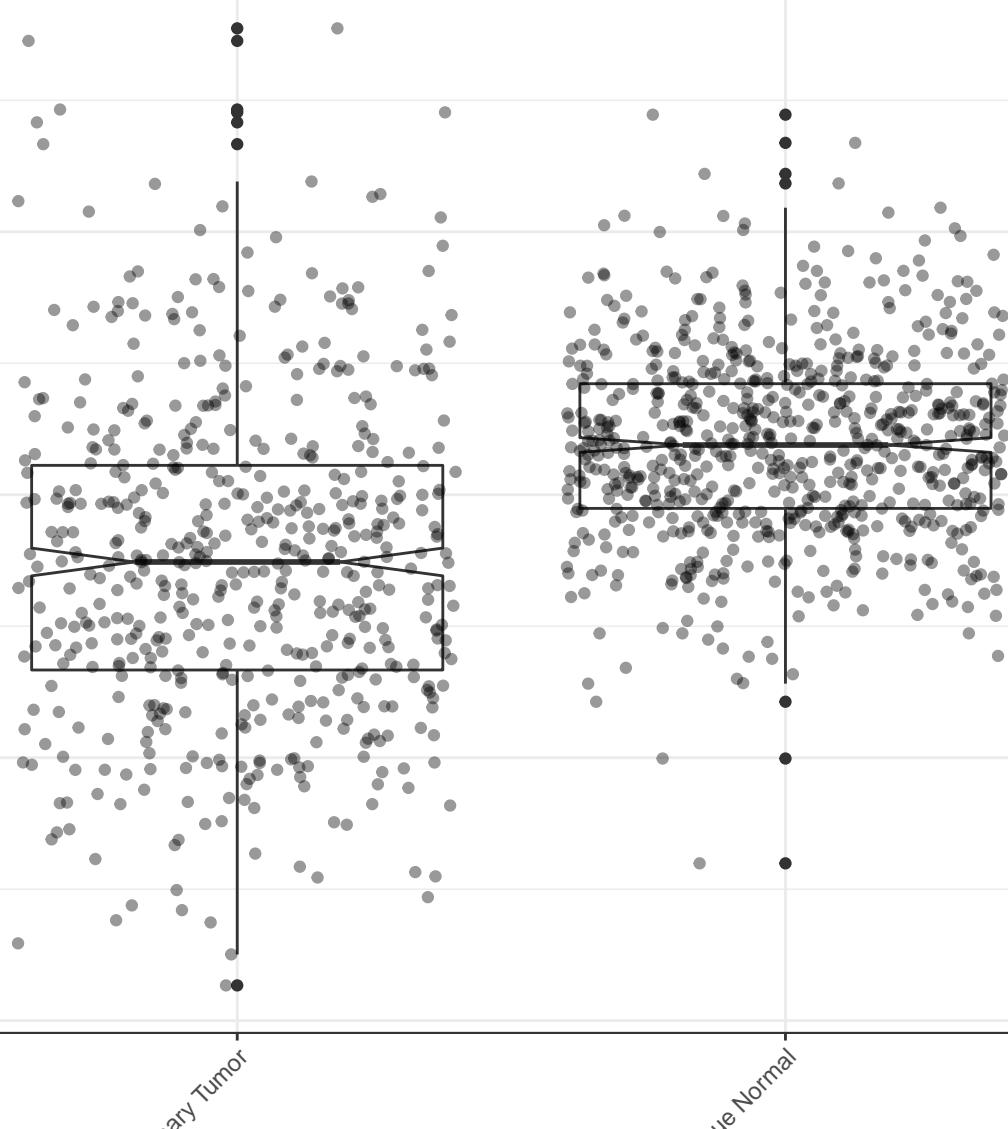
-0.04

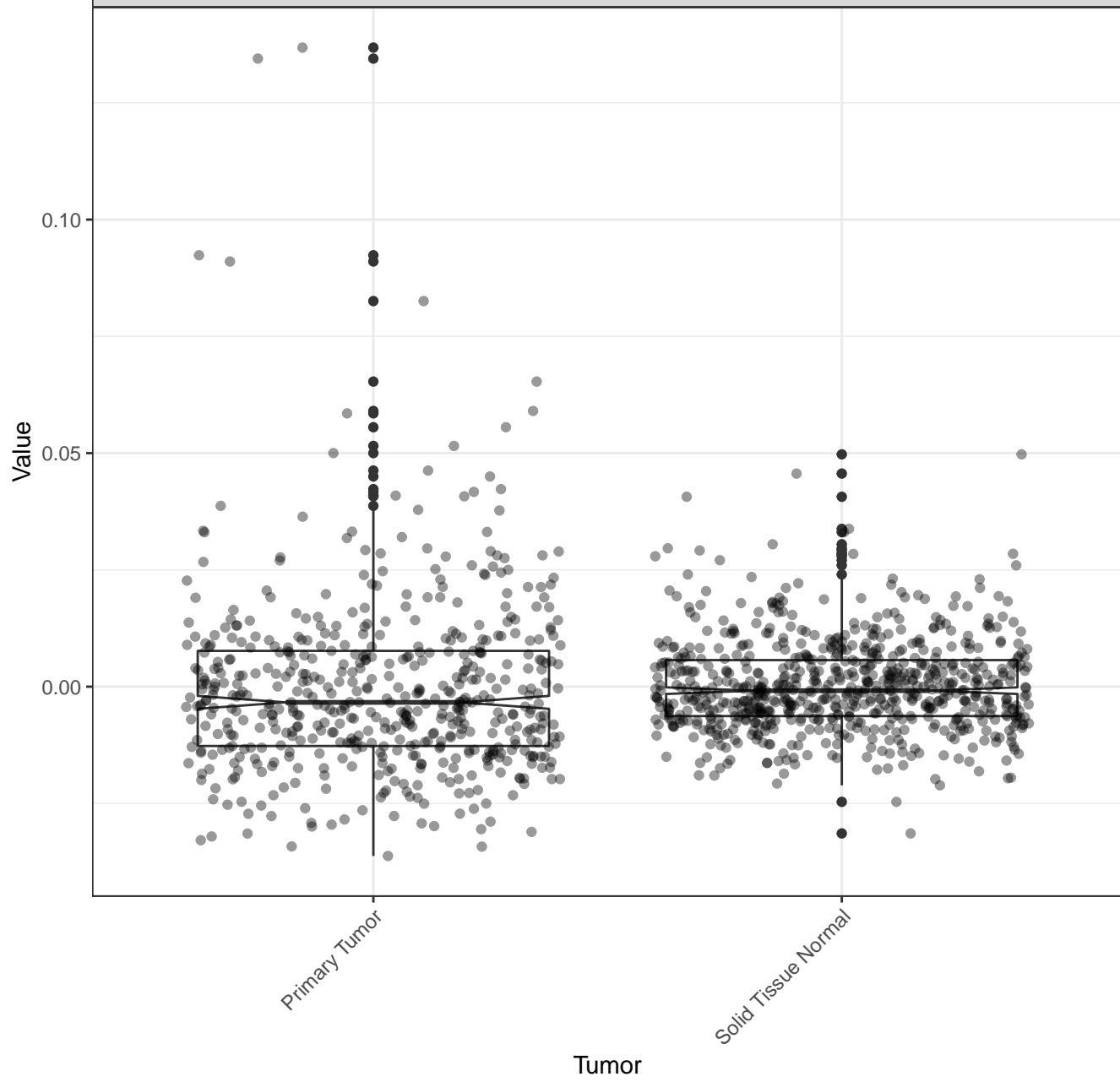
-0.08

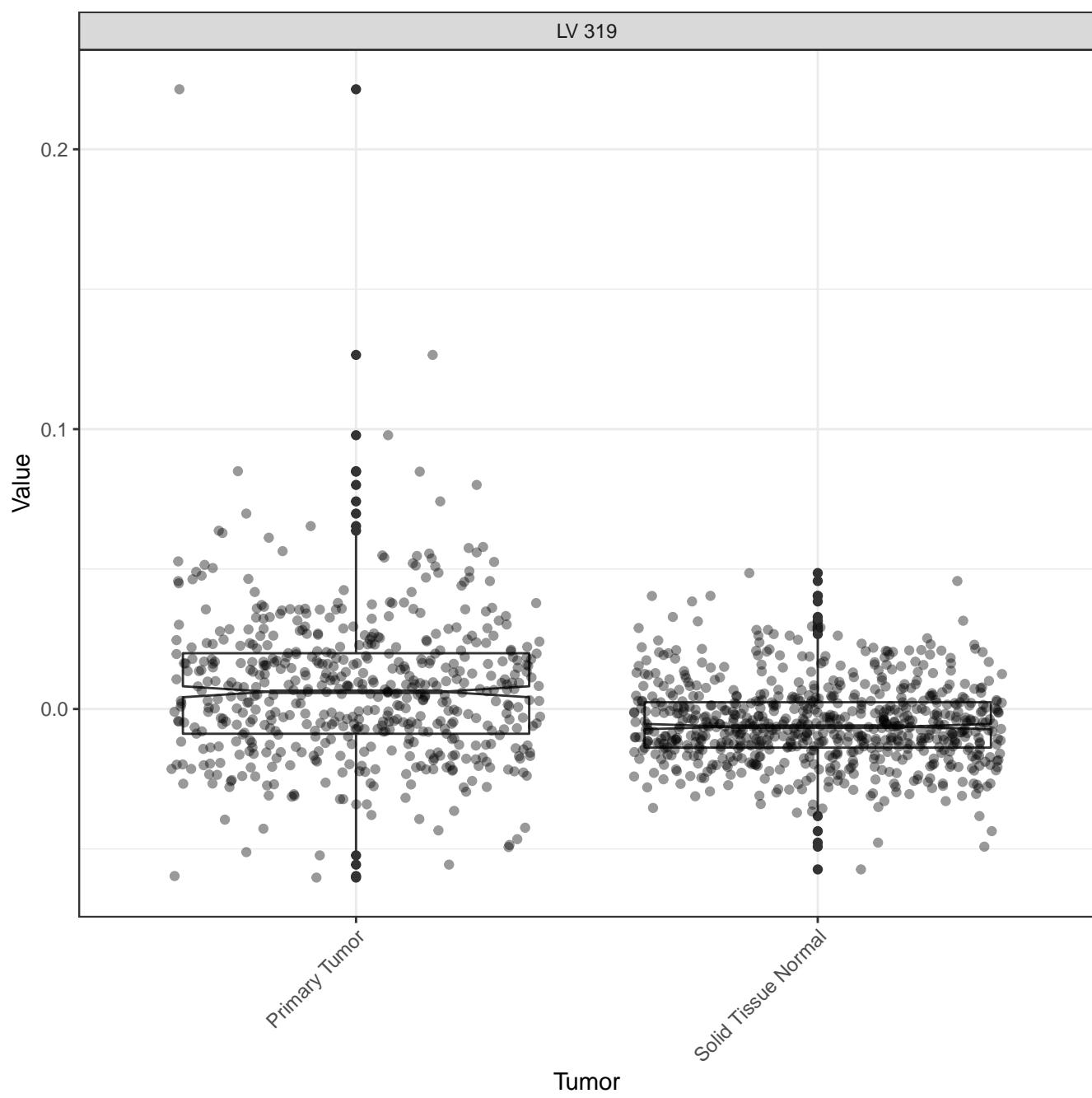
Primary Tumor

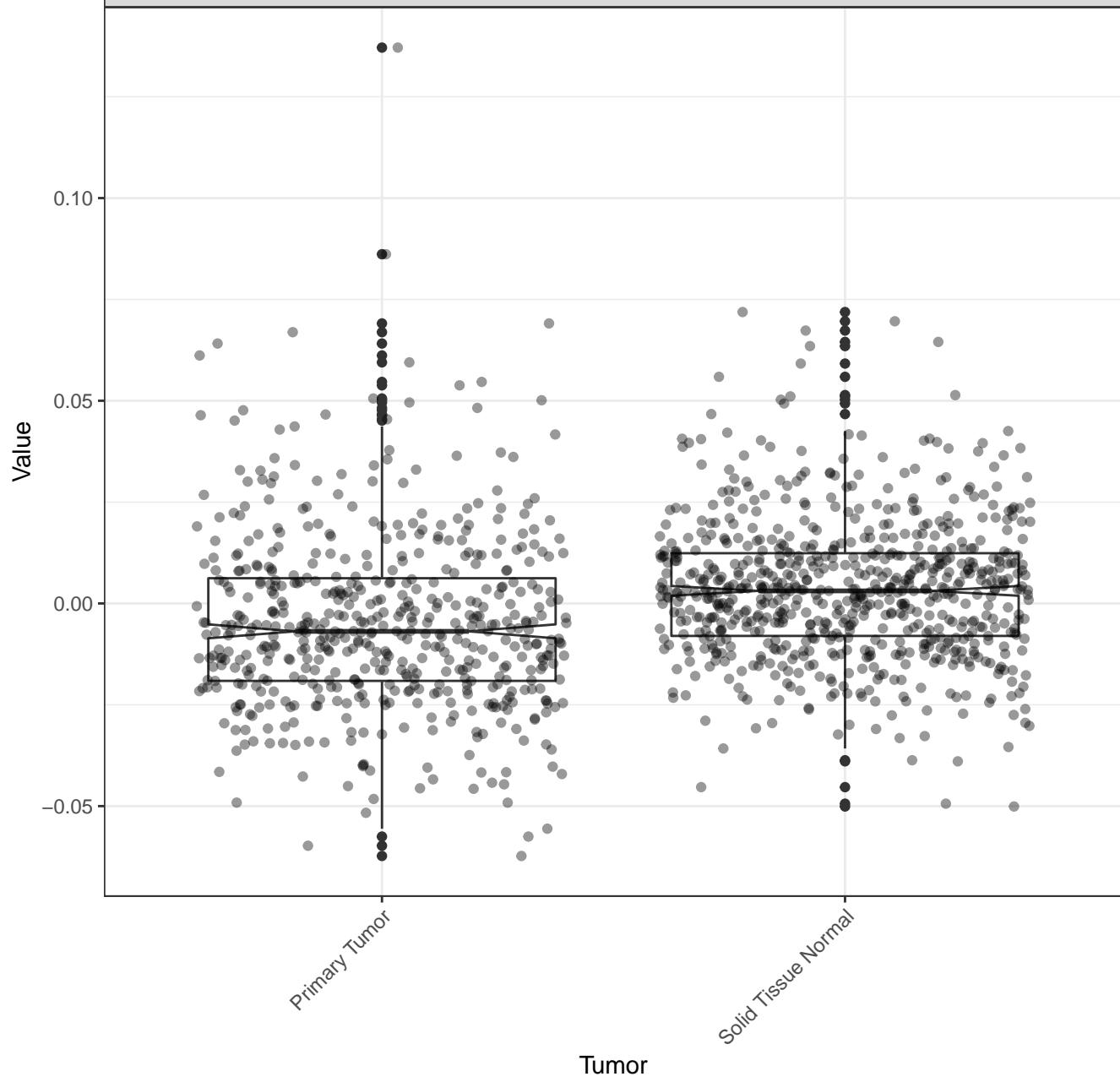
Solid Tissue Normal

Tumor

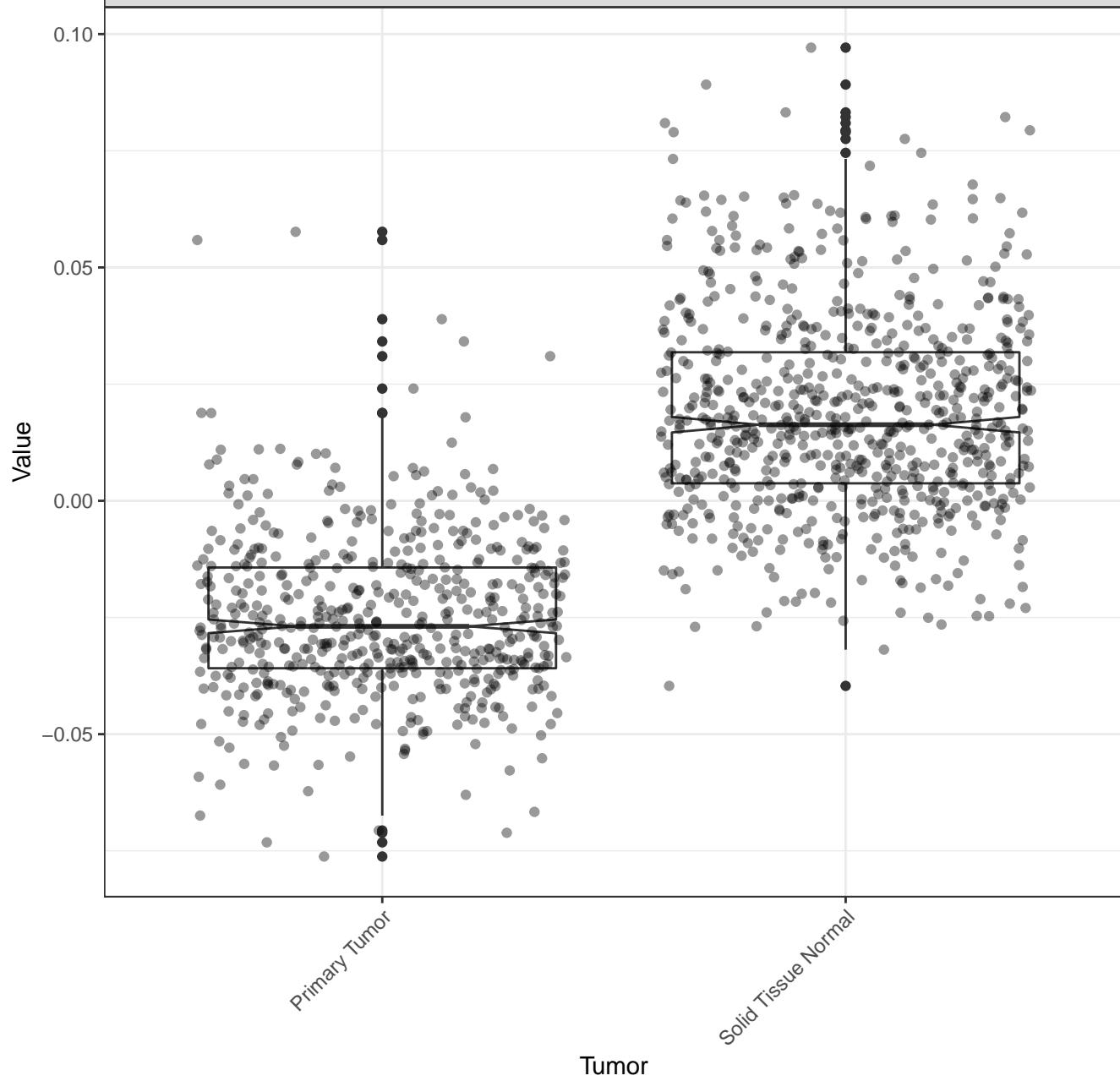




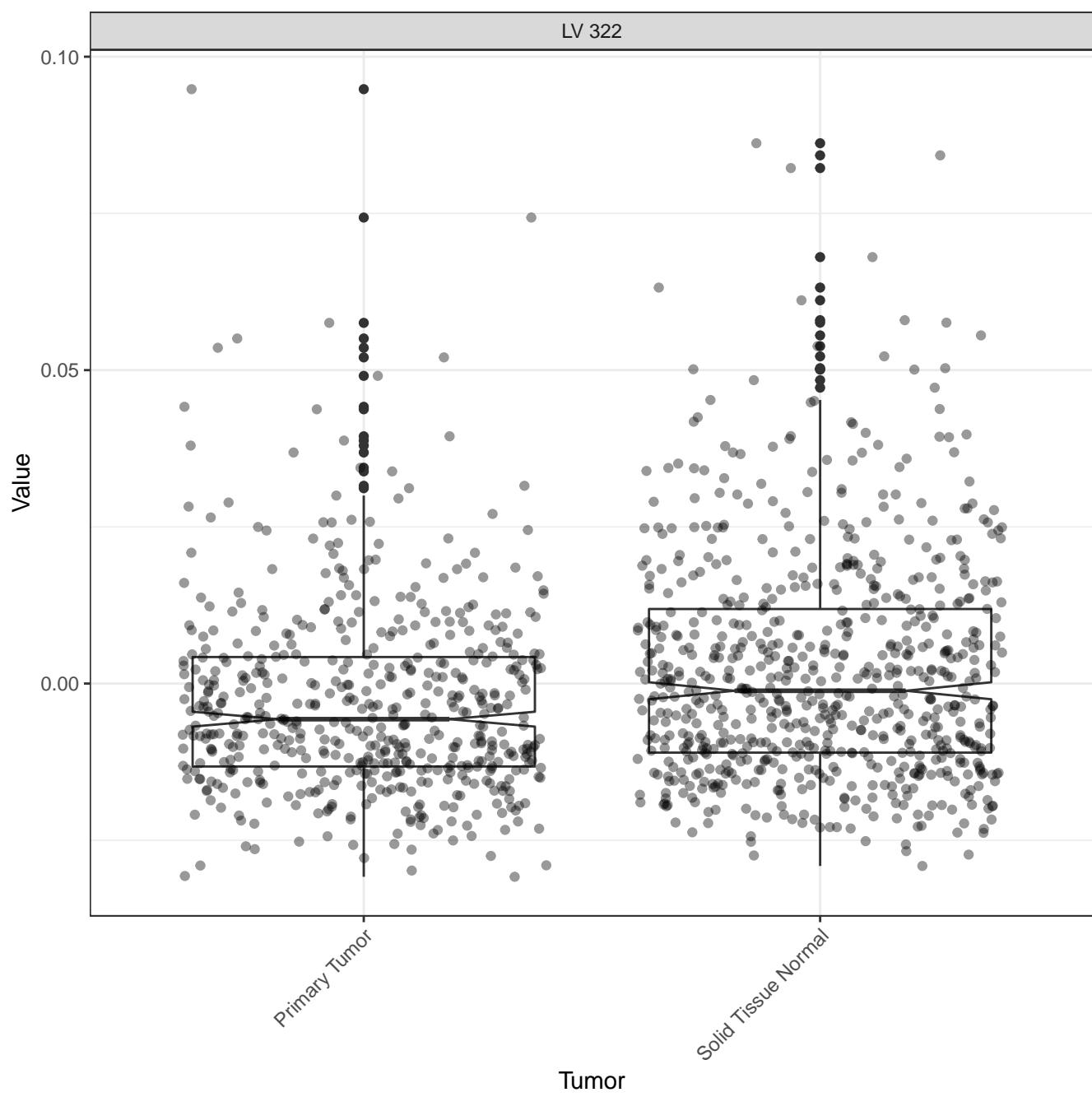




321,KEGG\_VASCULAR\_SMOOTH\_MUSCLE\_CONTRACTION

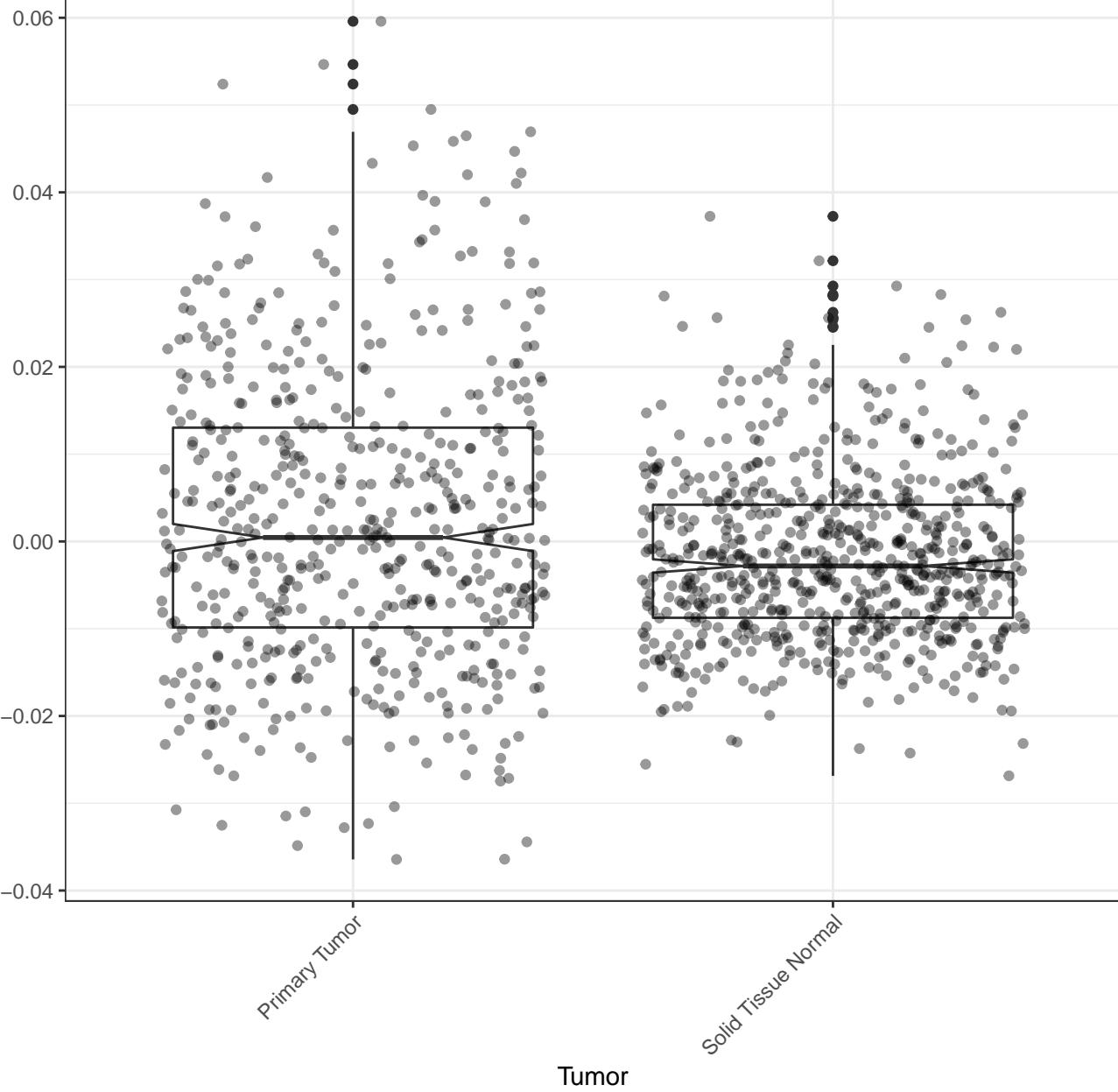


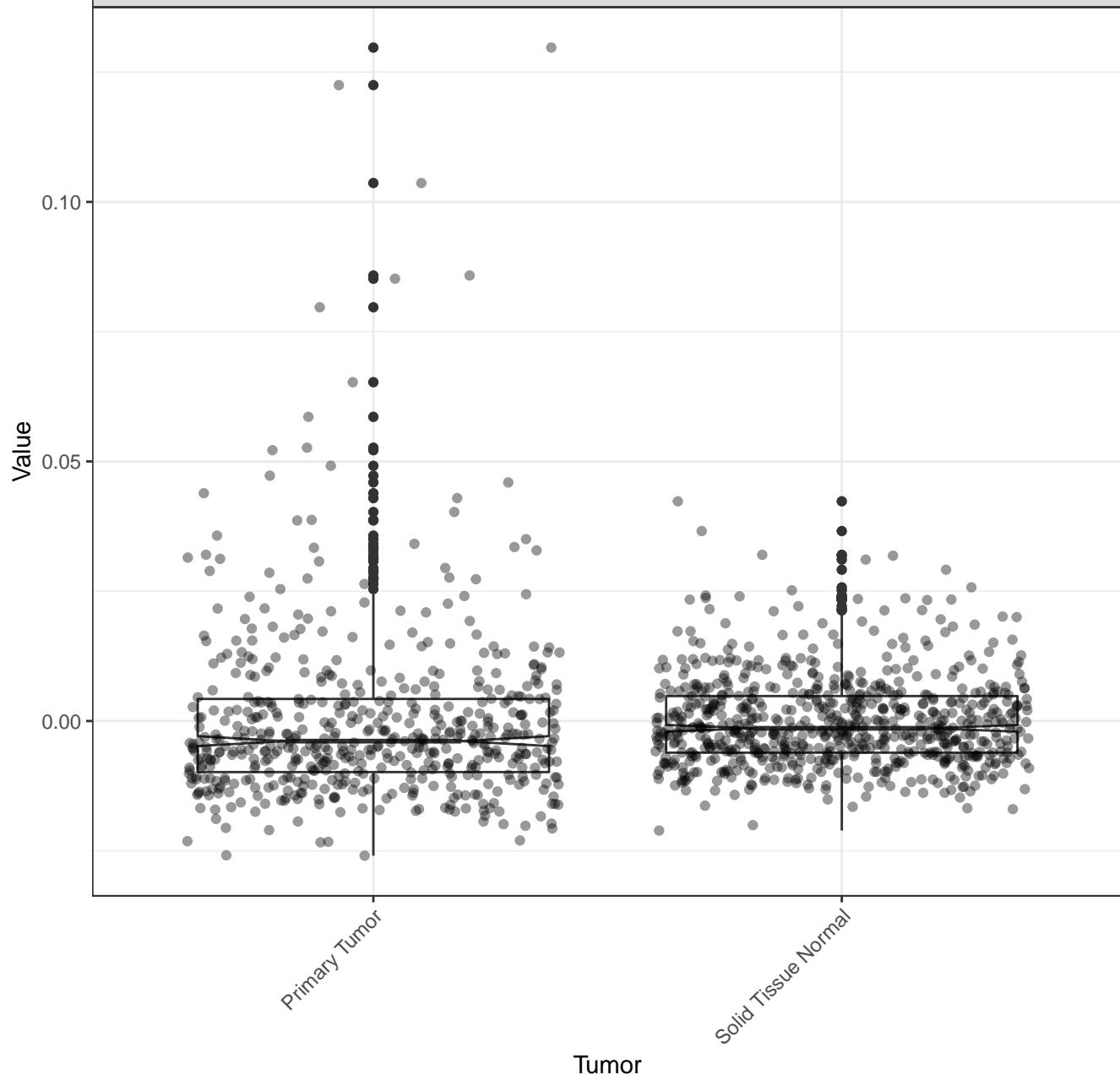
LV 322



## 323,KEGG\_LYSOSOME

Value





## 325,REACTOME\_NEURONAL\_SYSTEM

Value

0.05

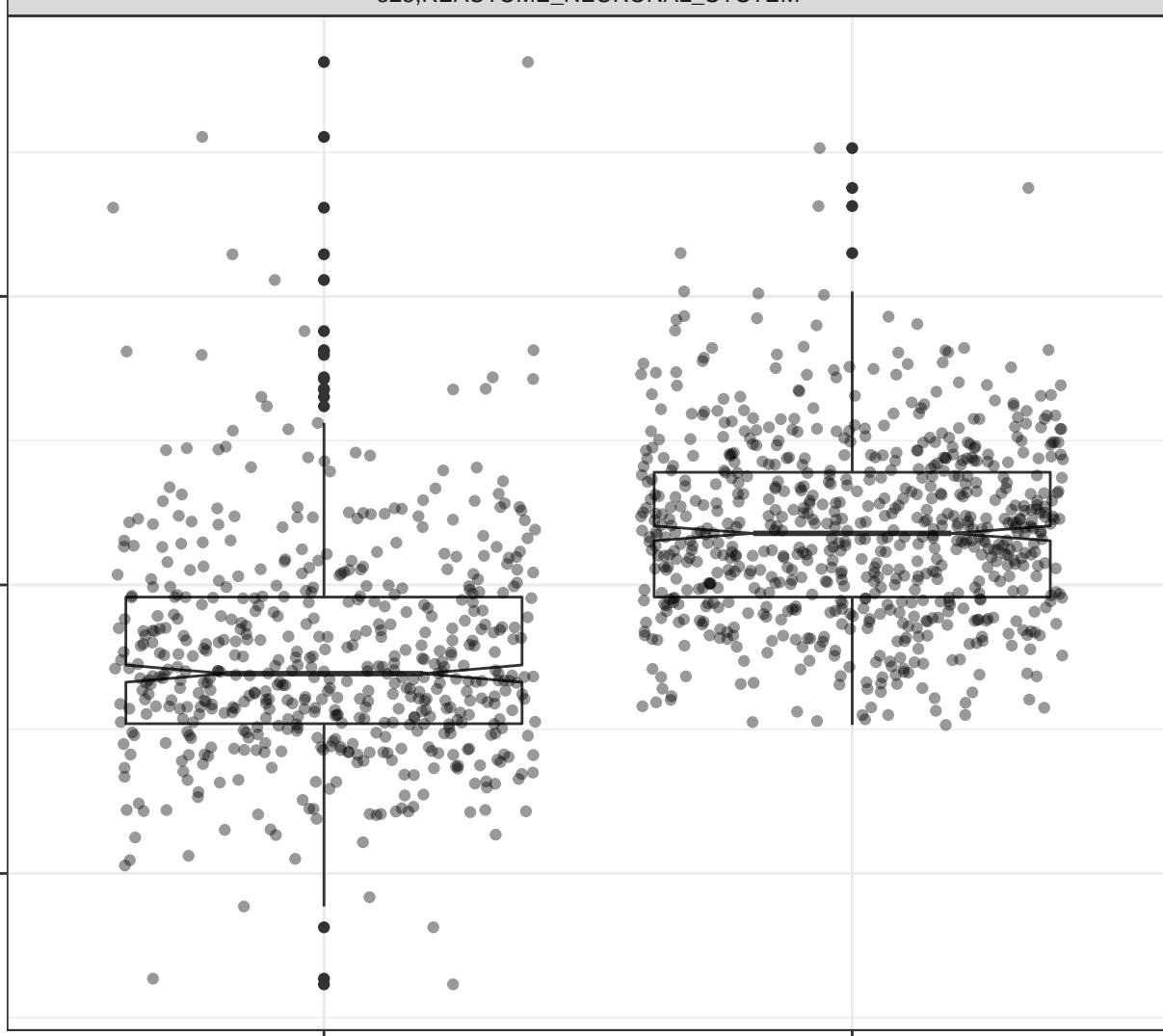
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



LV 326

Value

0.12

0.08

0.04

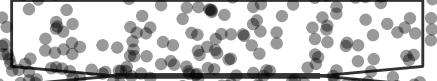
0.00

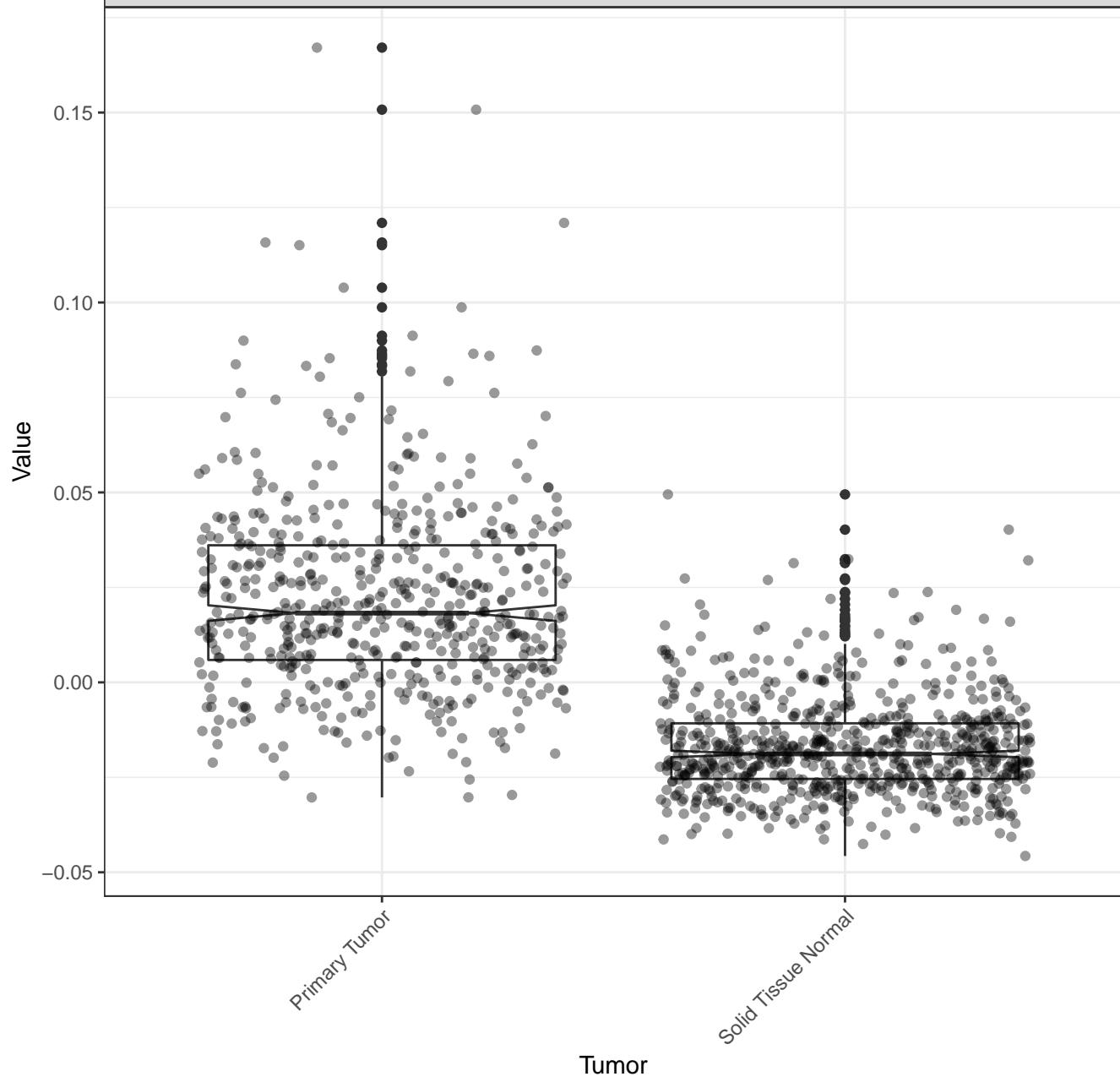
-0.04

Primary Tumor

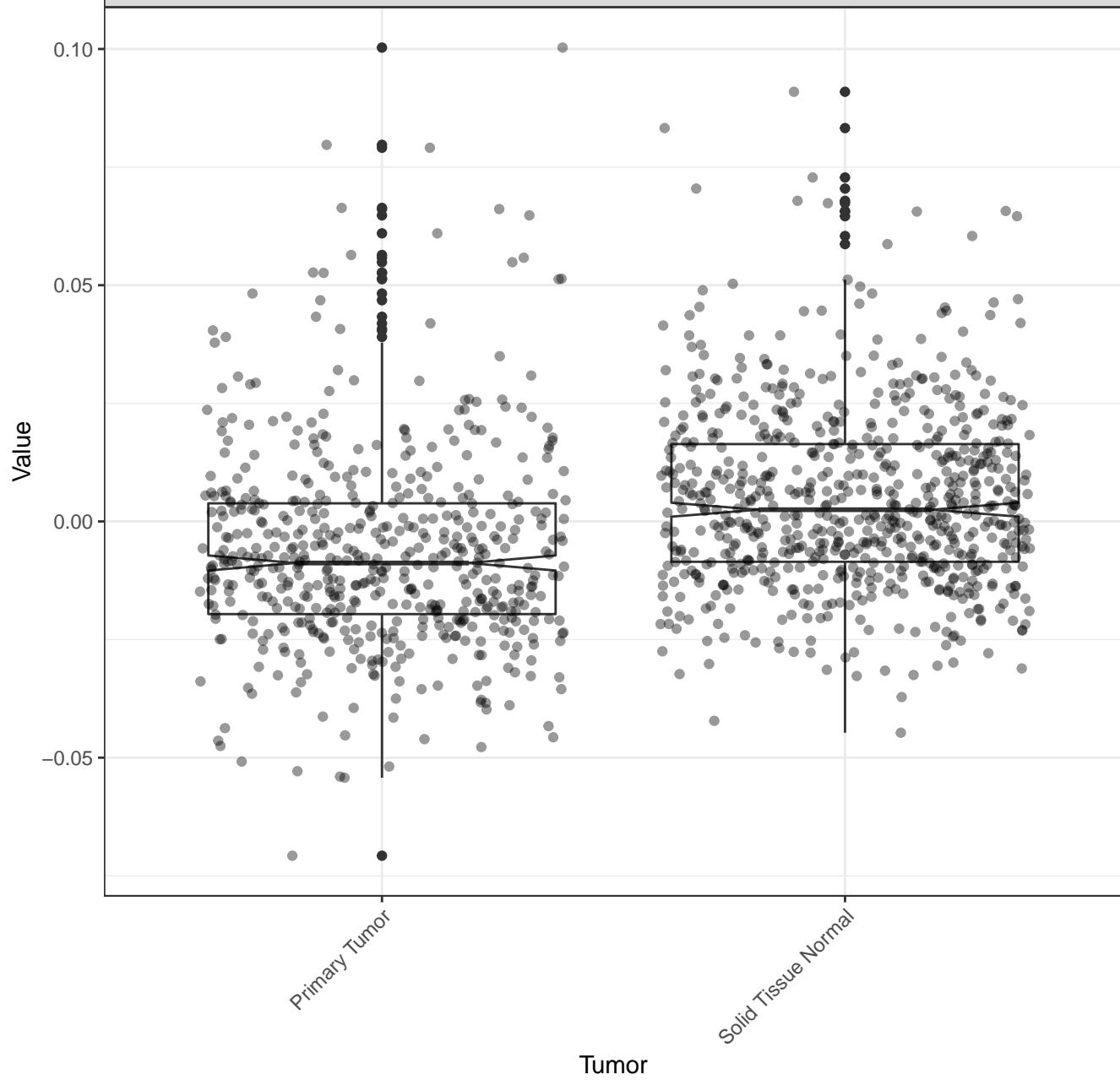
Solid Tissue Normal

Tumor

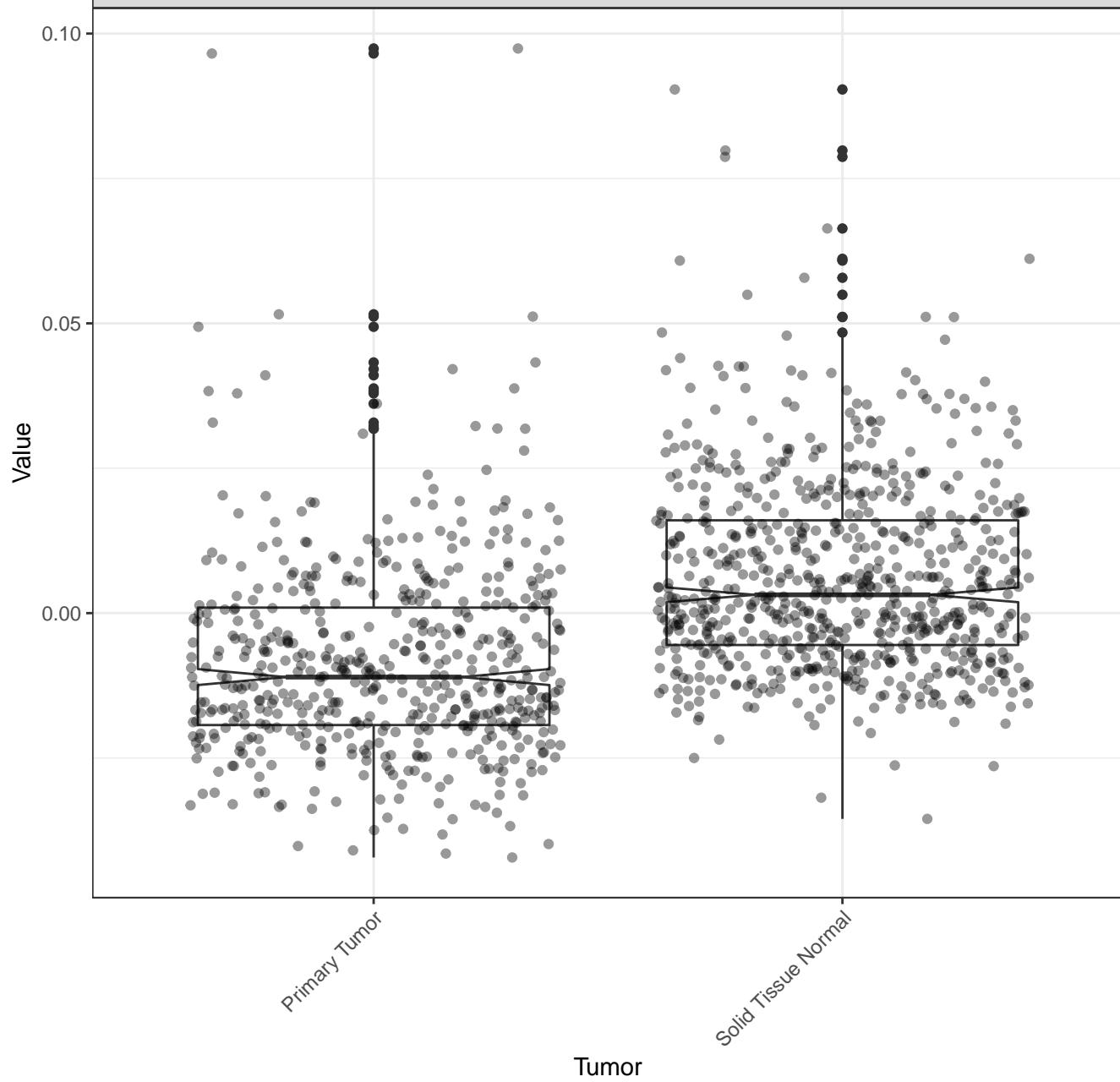




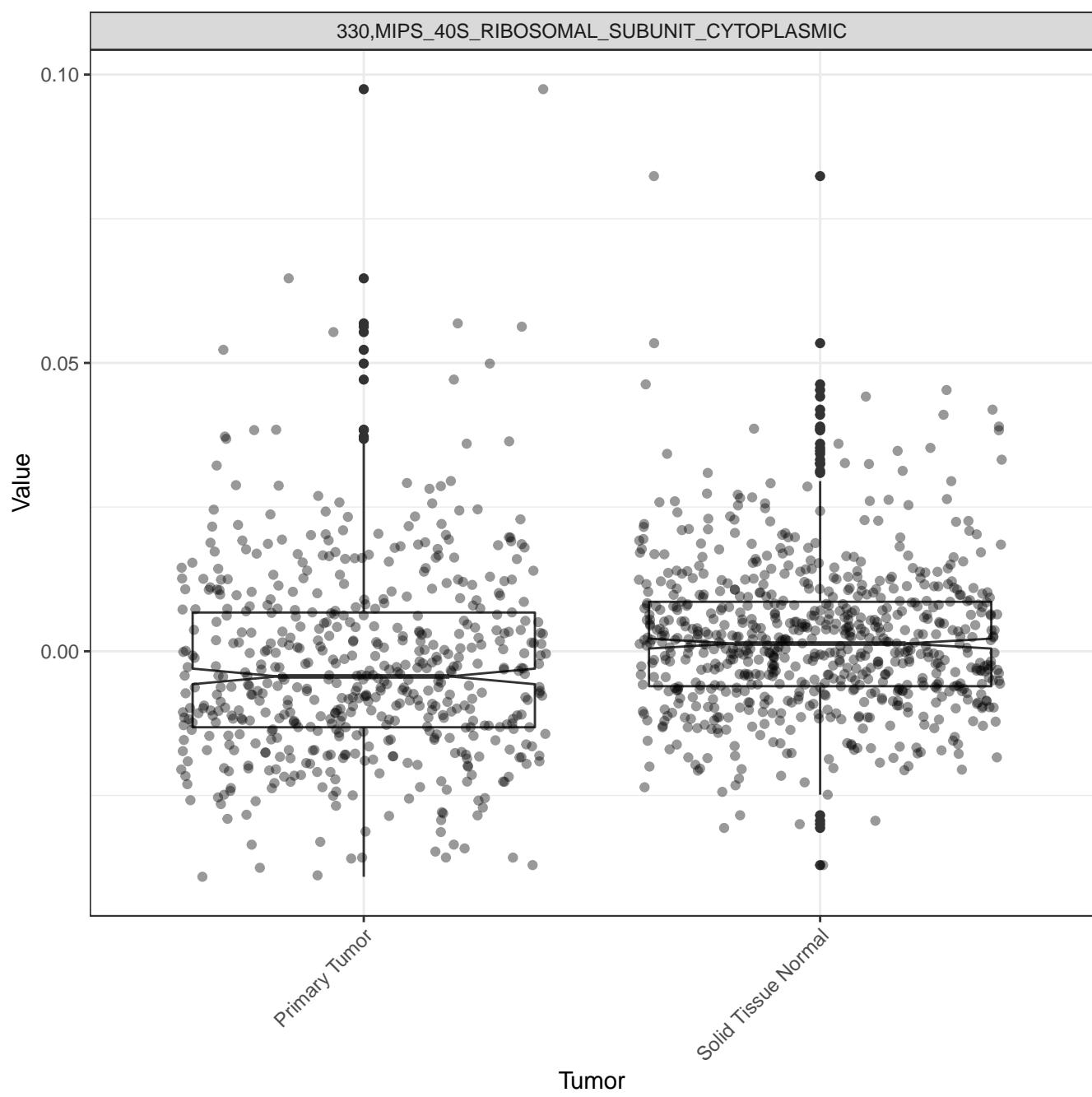
328,REACTOME\_CLASS\_B\_2\_SECRETIN\_FAMILY\_RECEPTEORS



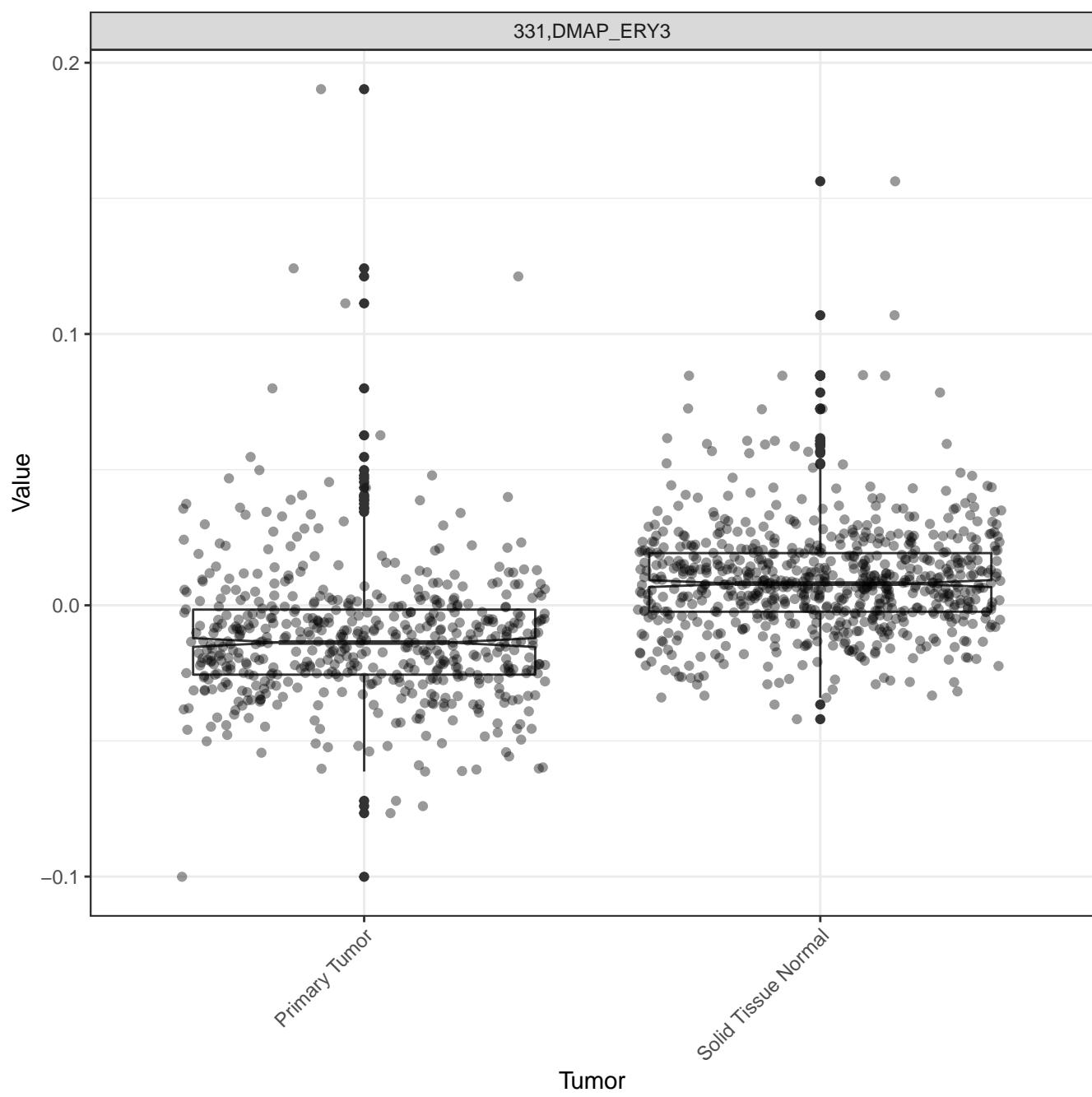
## 329,KEGG\_MAPK\_SIGNALING\_PATHWAY



330,MIPS\_40S\_RIBOSOMAL\_SUBUNIT\_CYTOPLASMIC



331,DMAP\_ERY3



332,REACTOME\_DOWNSTREAM\_SIGNALING\_EVENTS\_OF\_B\_CELL\_RECECTOR\_BCR

Value

0.05

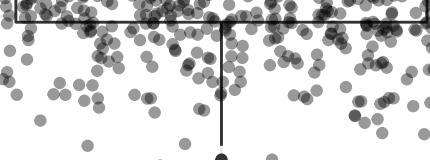
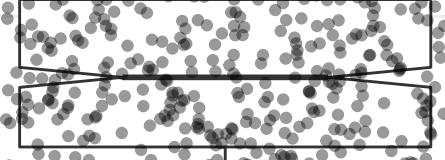
0.00

-0.05

Primary Tumor

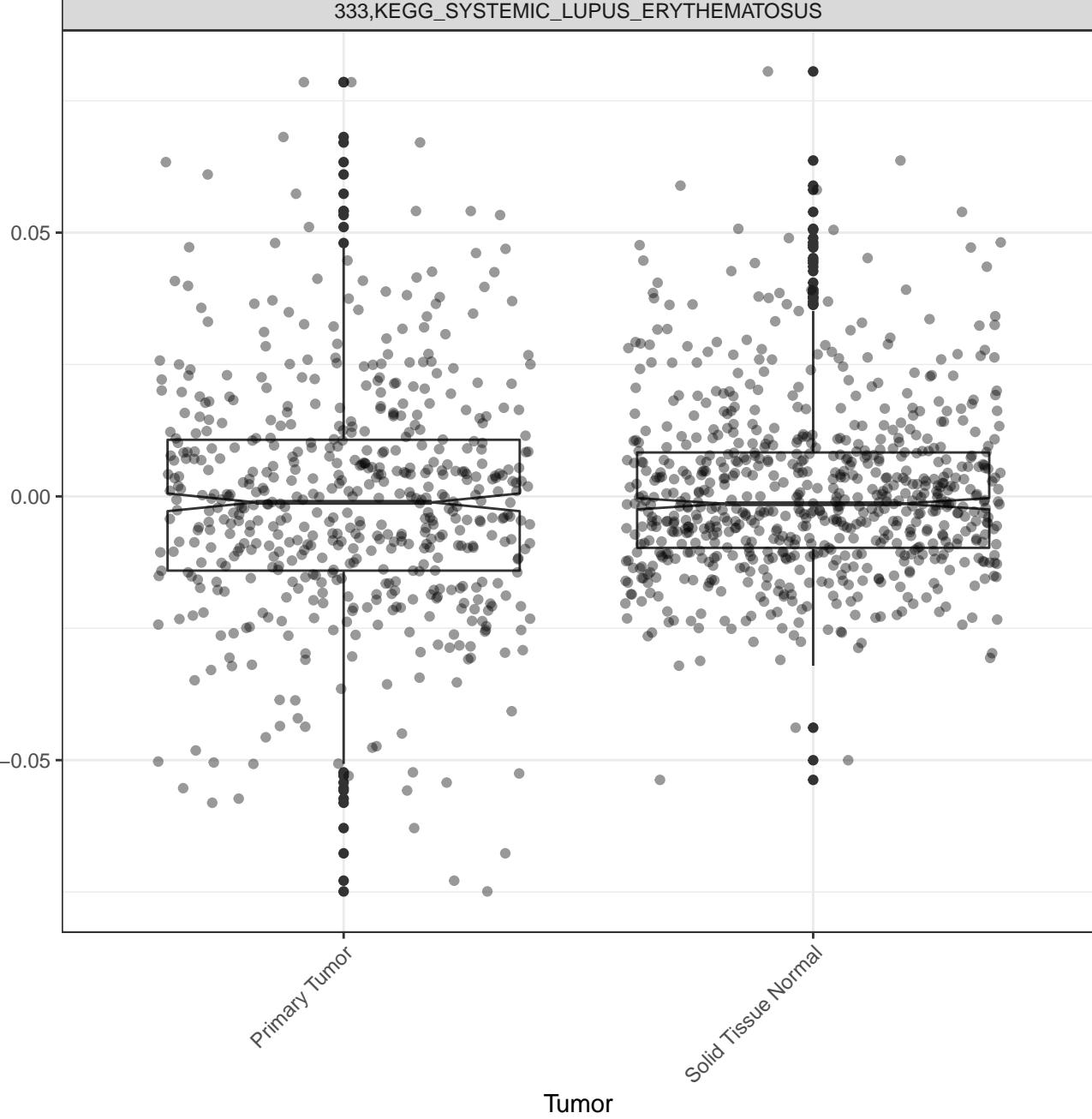
Tumor

Solid Tissue Normal

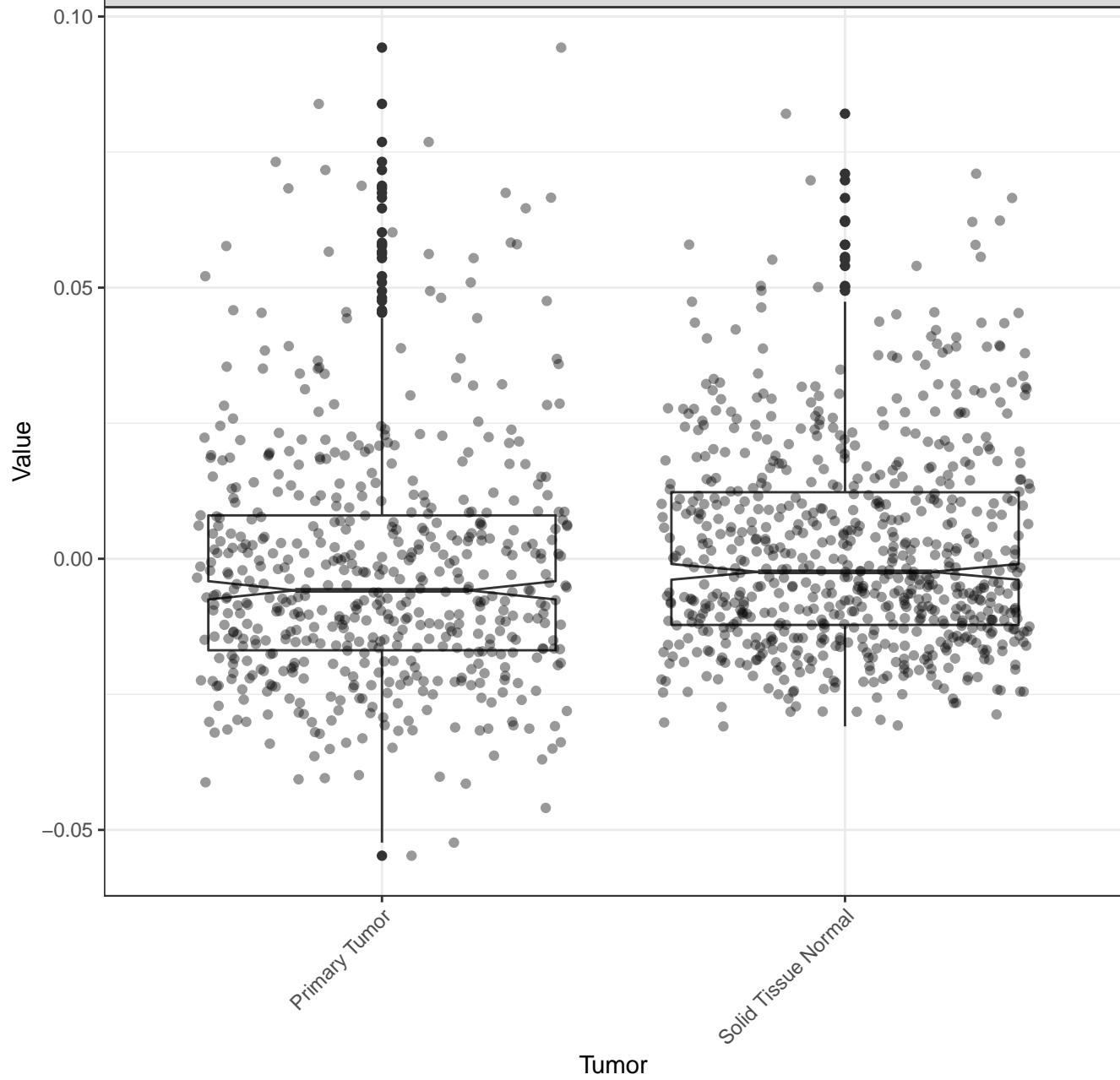


### 333,KEGG\_SYSTEMIC\_LUPUS\_ERYTHEMATOSUS

Value



### 334,KEGG\_AXON\_GUIDANCE



### 335,KEGG\_ADHERENS\_JUNCTION

Value

0.05

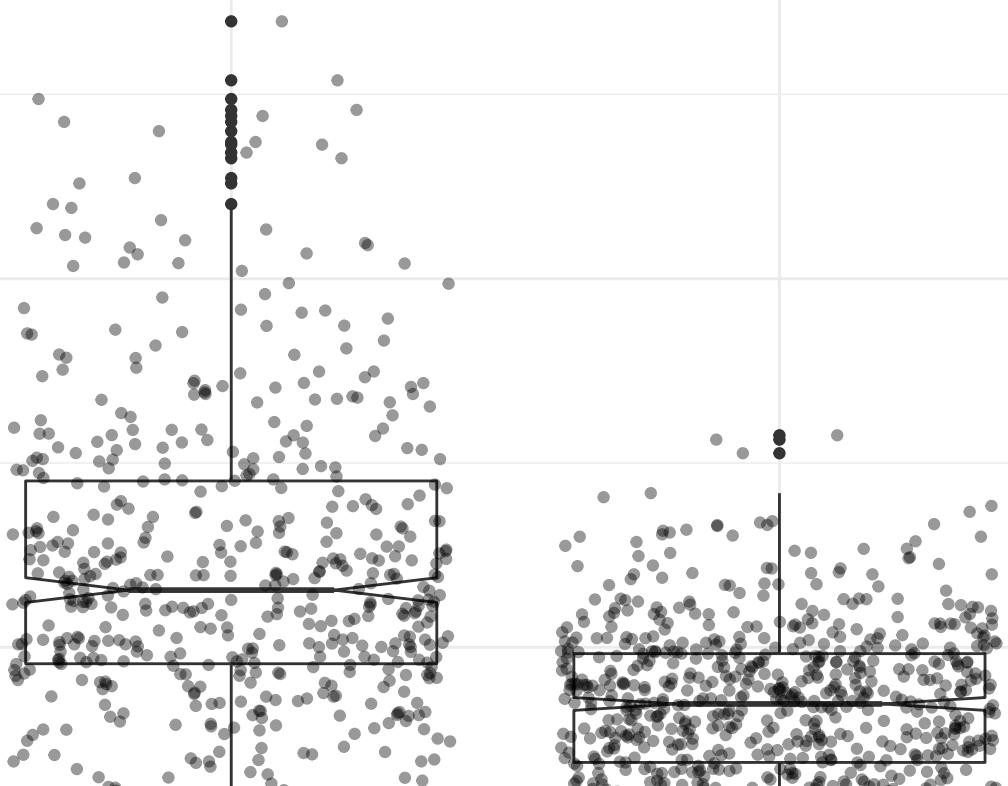
0.00

-0.05

Primary Tumor

Tumor

Solid Tissue Normal



LV 336

Value

0.10

0.05

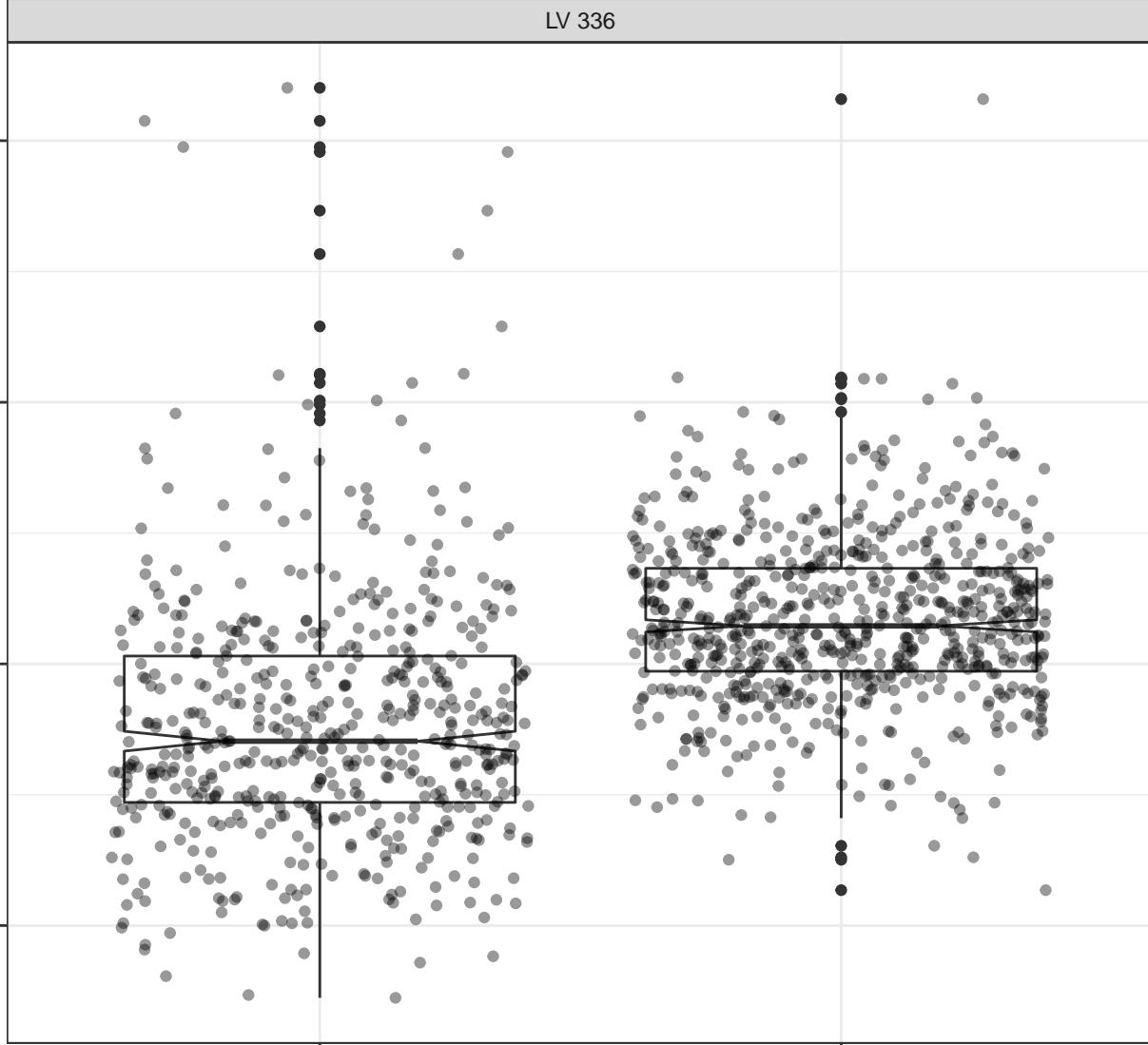
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



Value

0.3

0.2

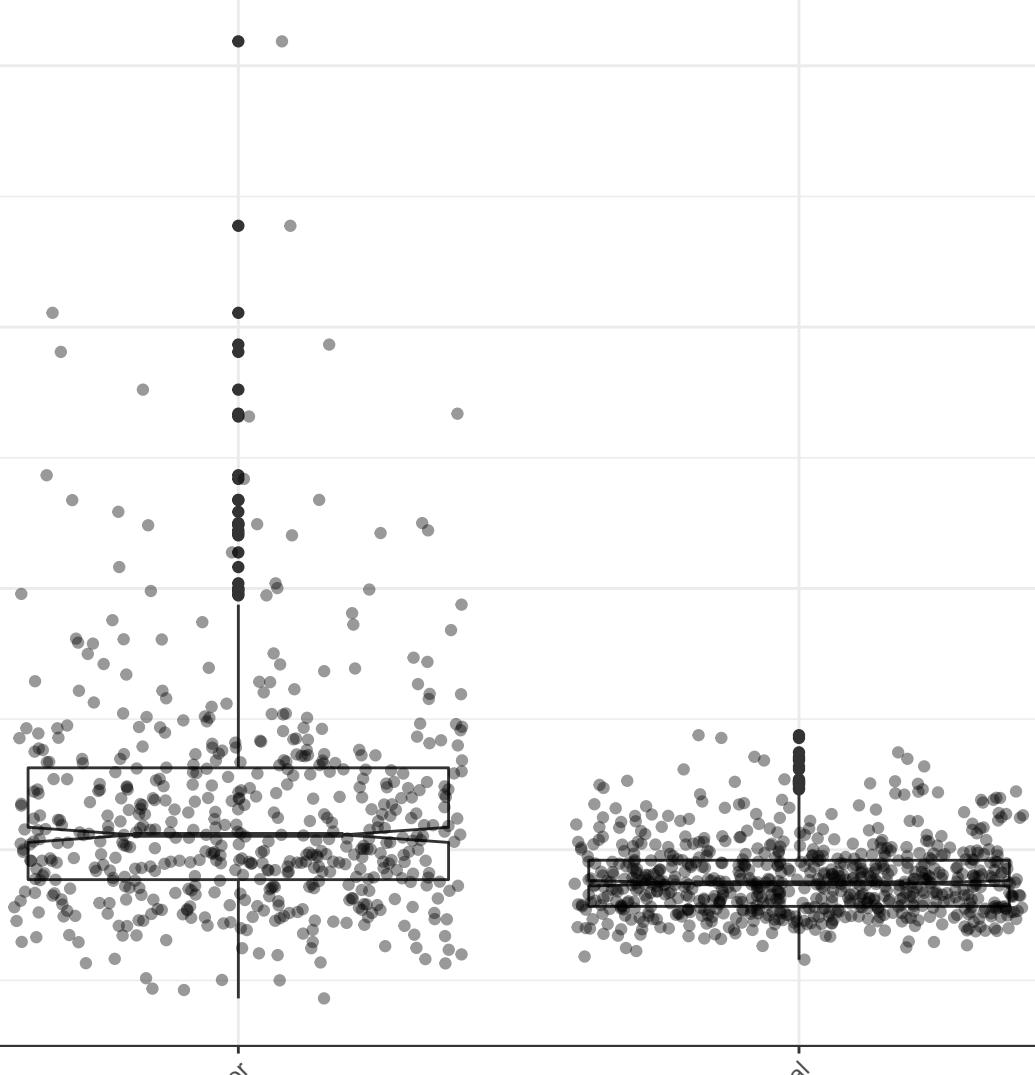
0.1

0.0

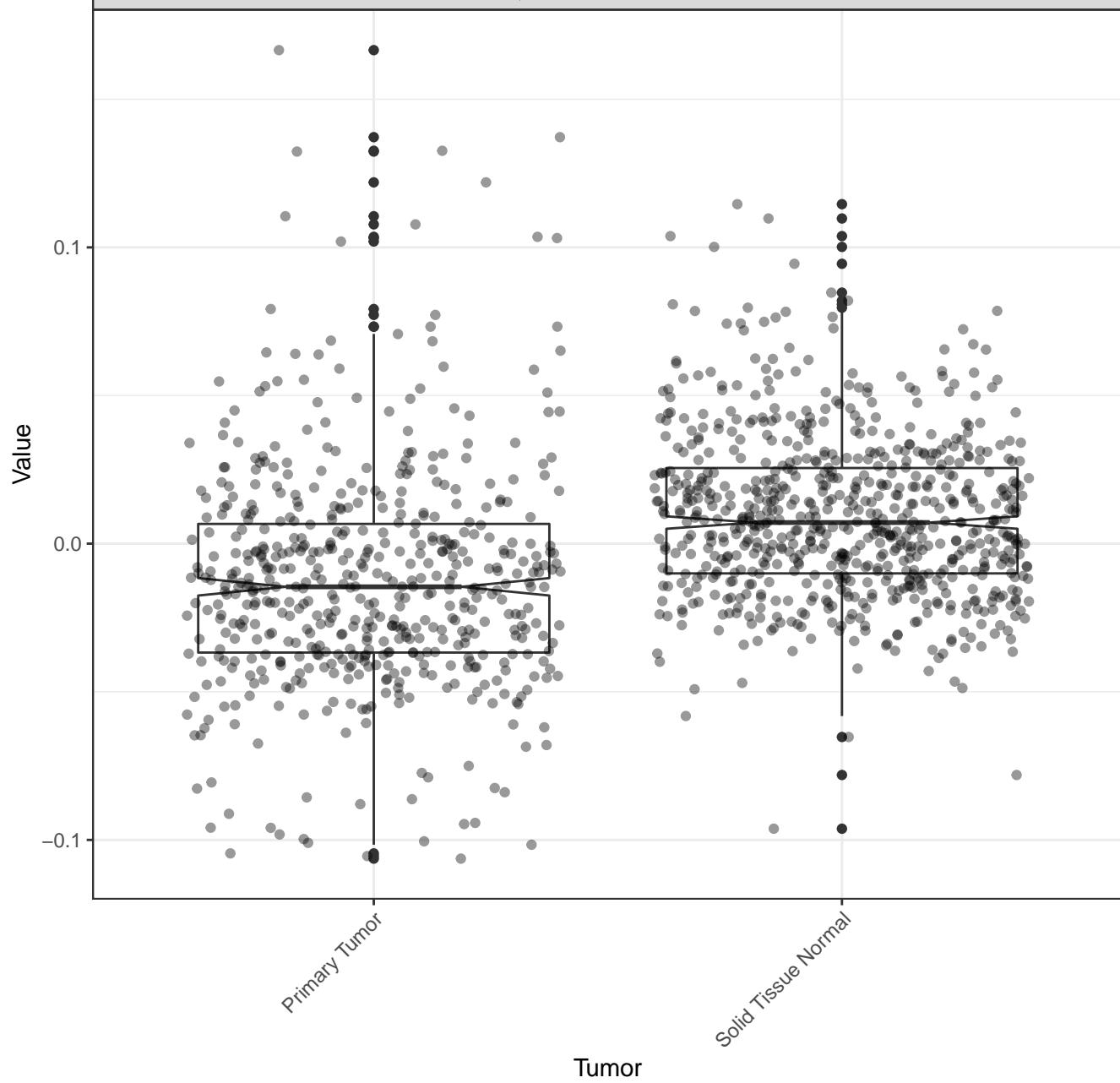
Primary Tumor

Solid Tissue Normal

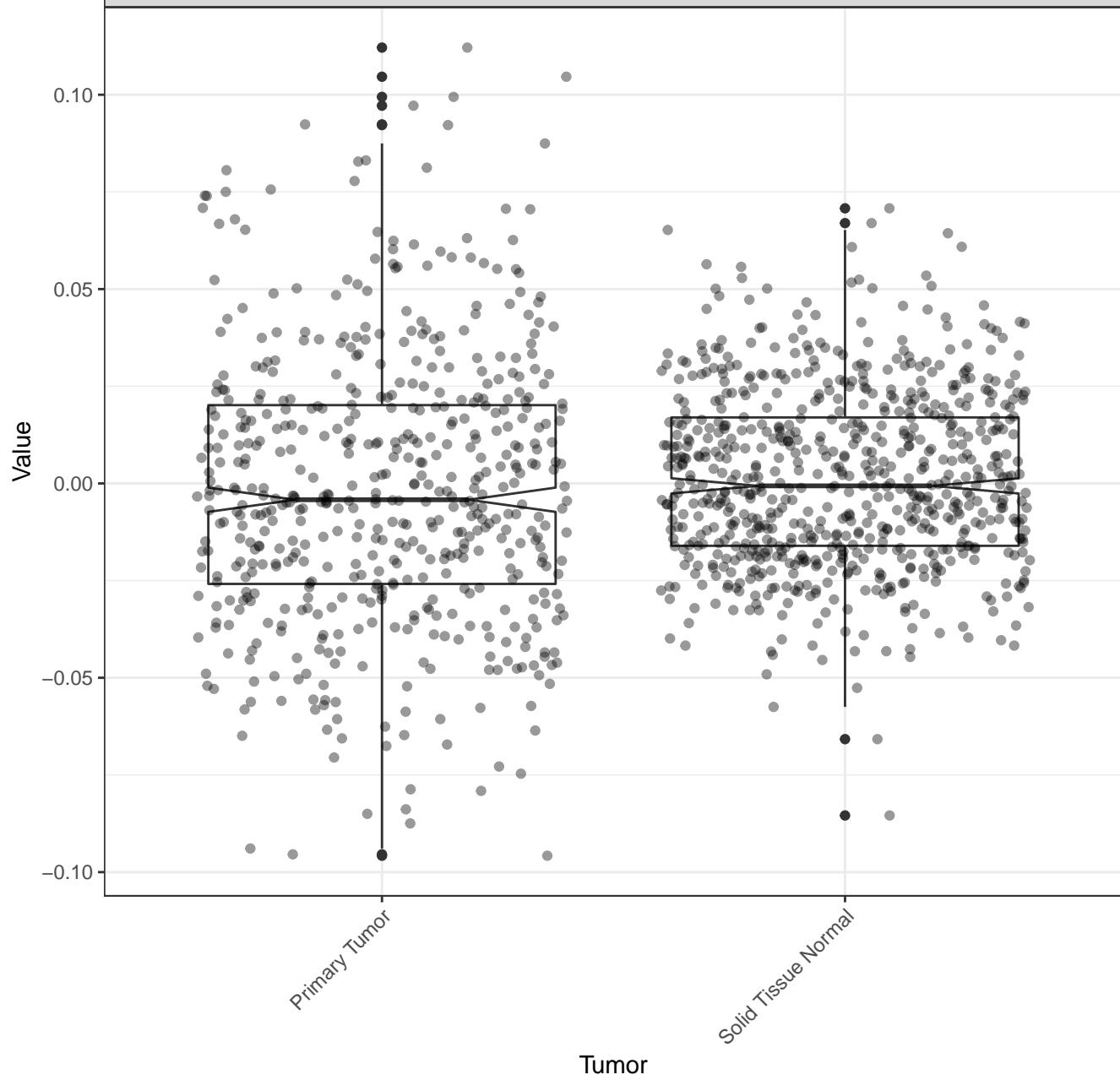
Tumor



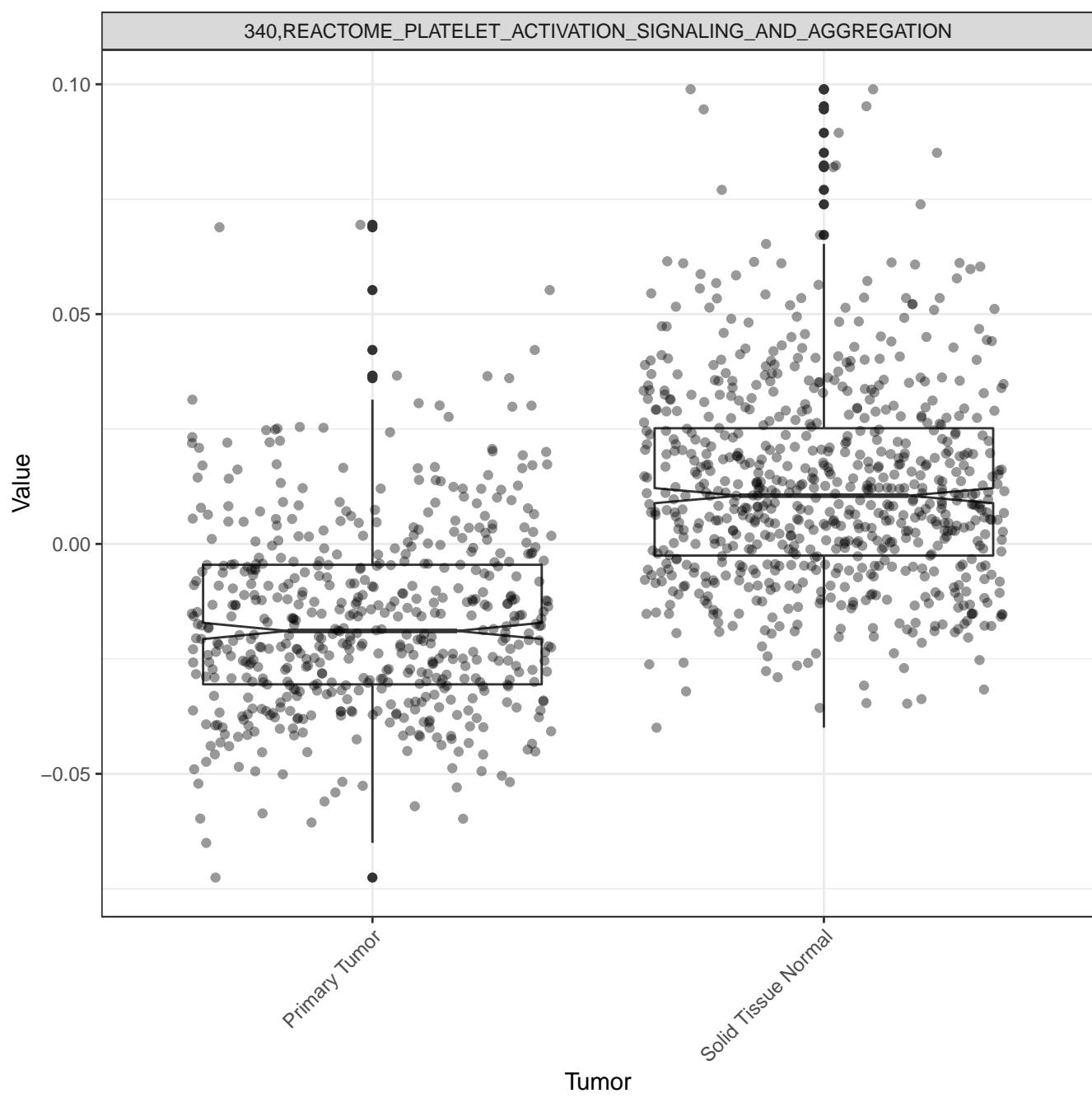
## 338,MIPS\_SPLICEOSOME

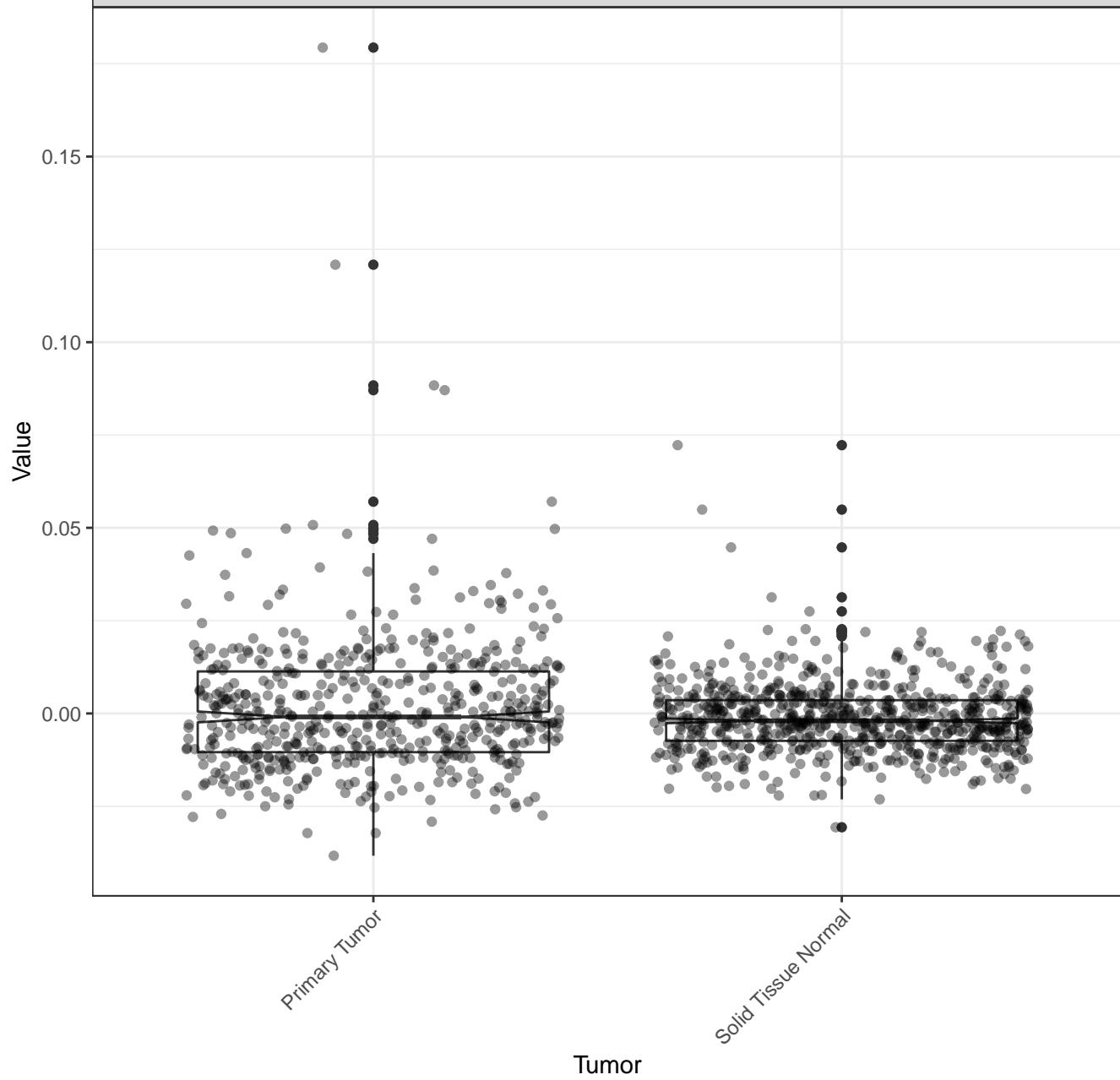


### 339,REACTOME\_METABOLISM\_OF\_LIPIDS\_AND\_LIPOPROTEINS

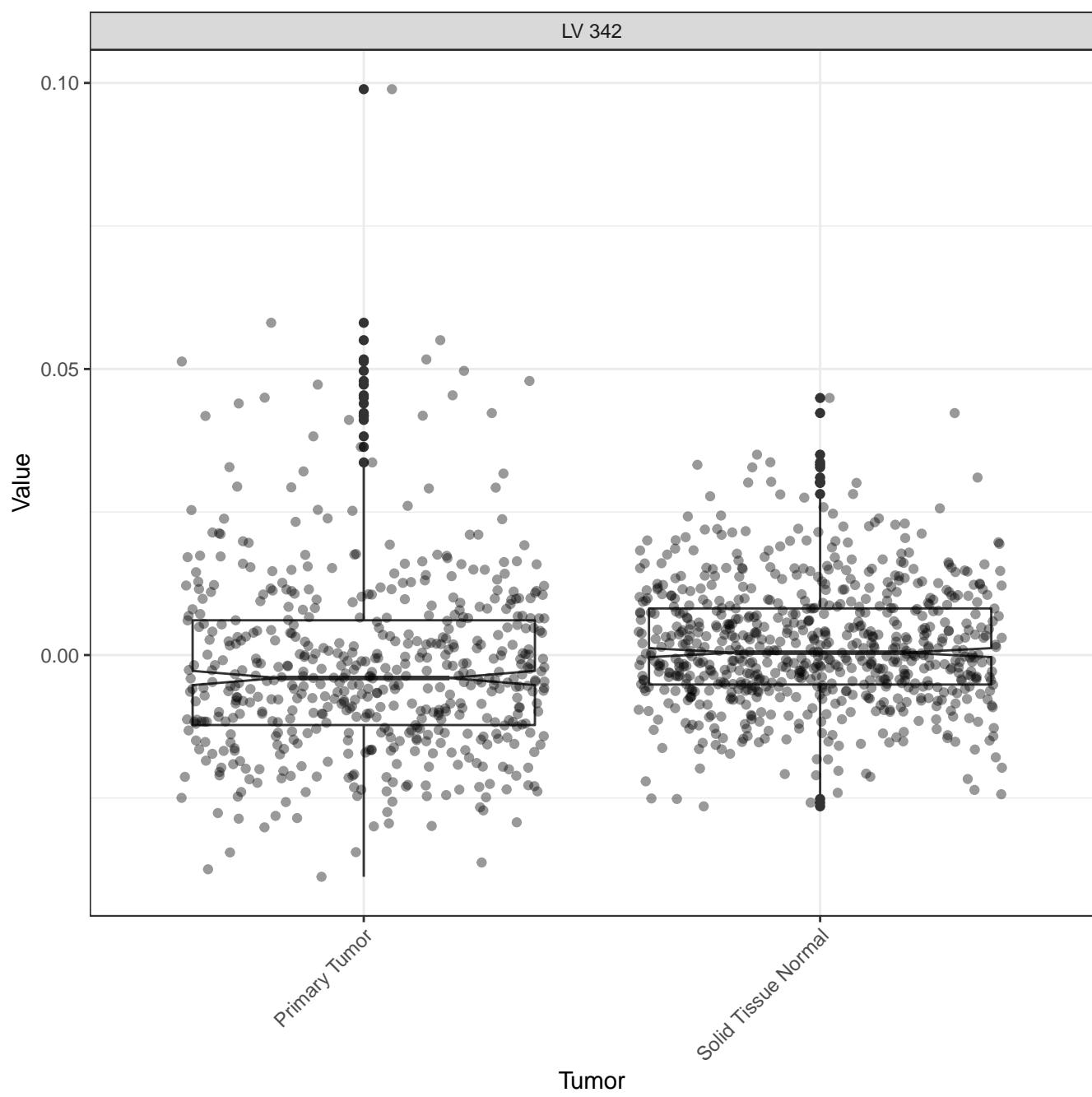


### 340,REACTOME\_PLATELET\_ACTIVATION\_SIGNALING\_AND\_AGGREGATION

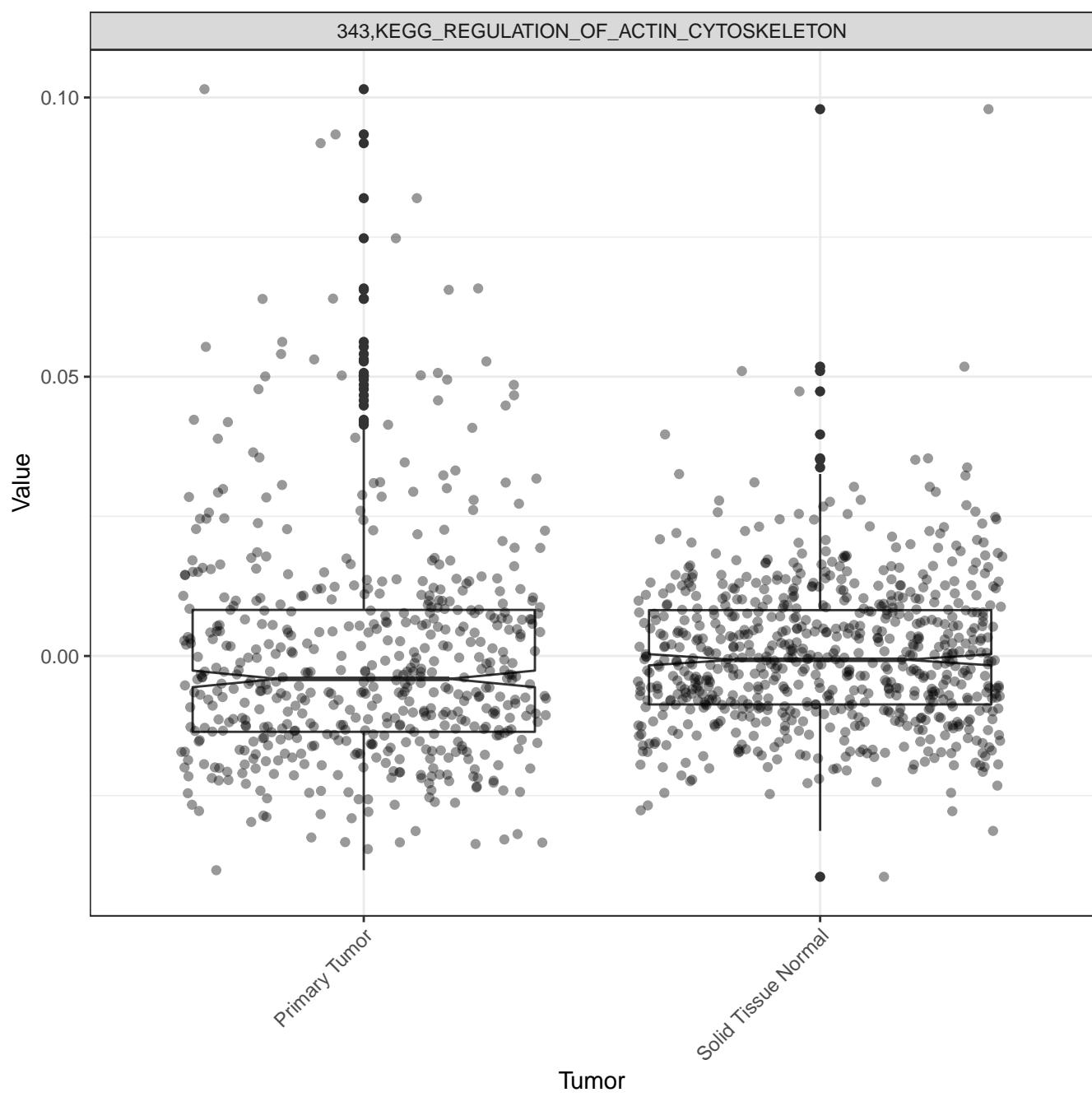




LV 342



### 343,KEGG\_REGULATION\_OF\_ACTIN\_CYTOSKELETON



LV 344

Value

0.10

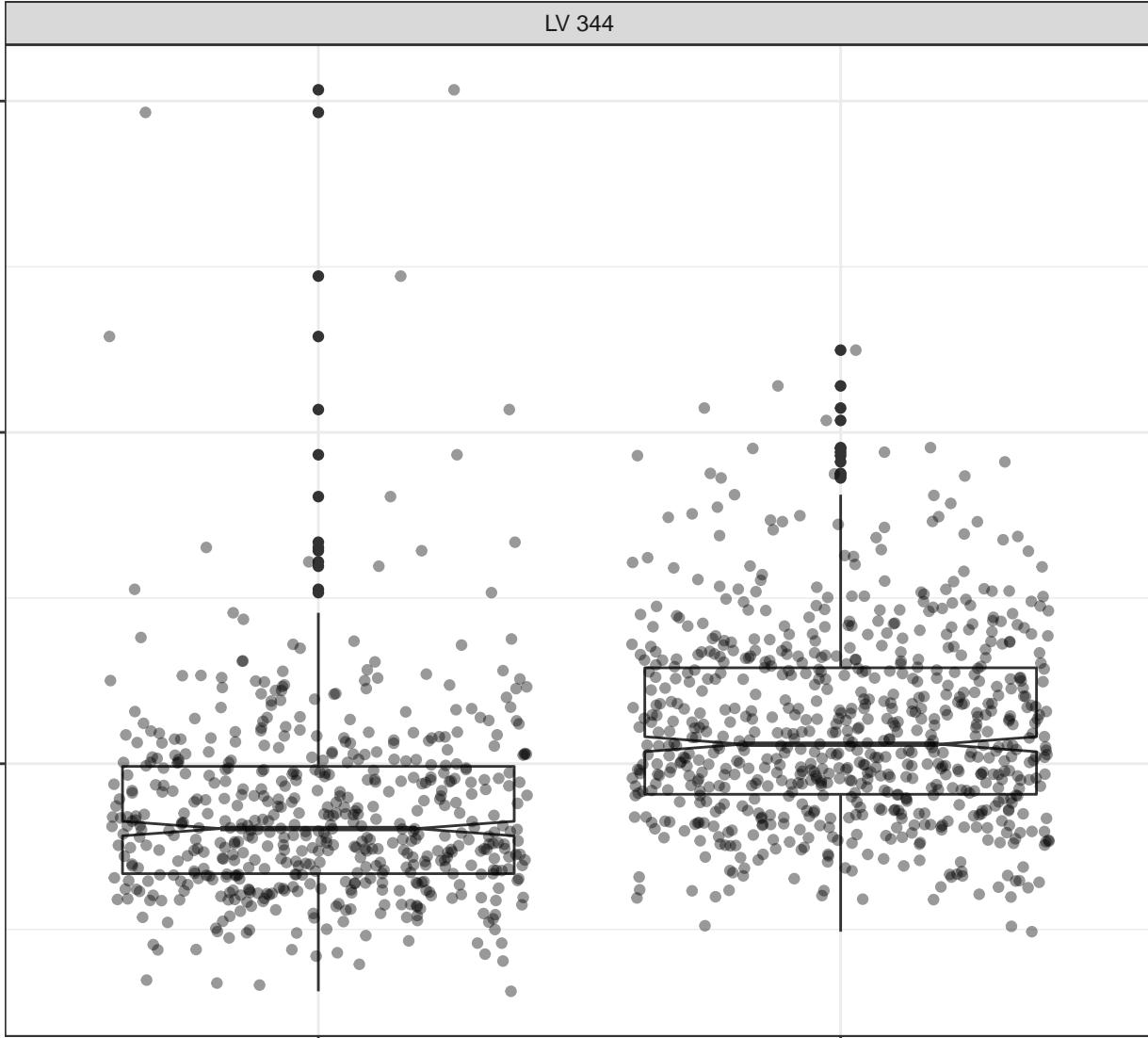
0.05

0.00

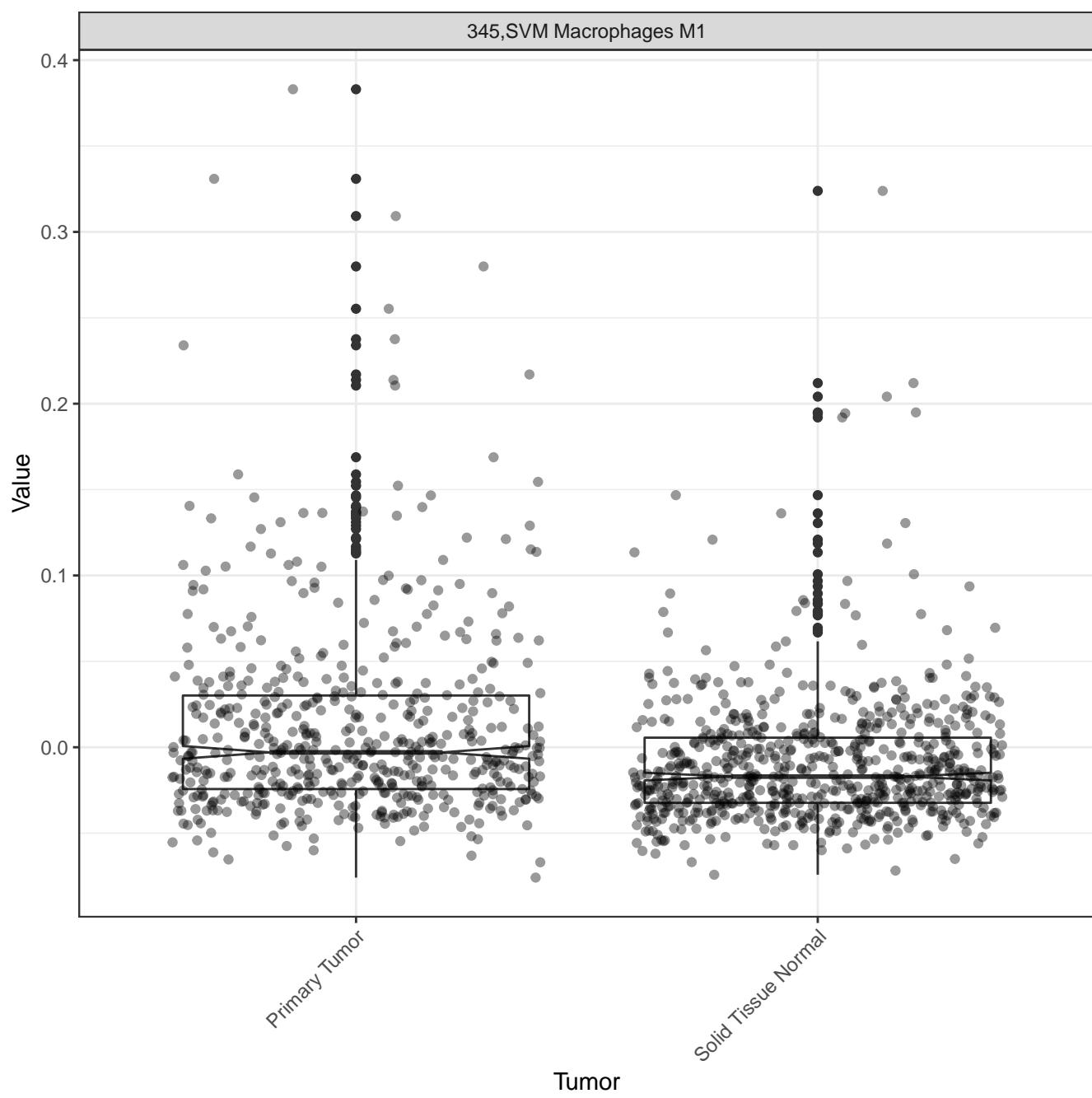
Primary Tumor

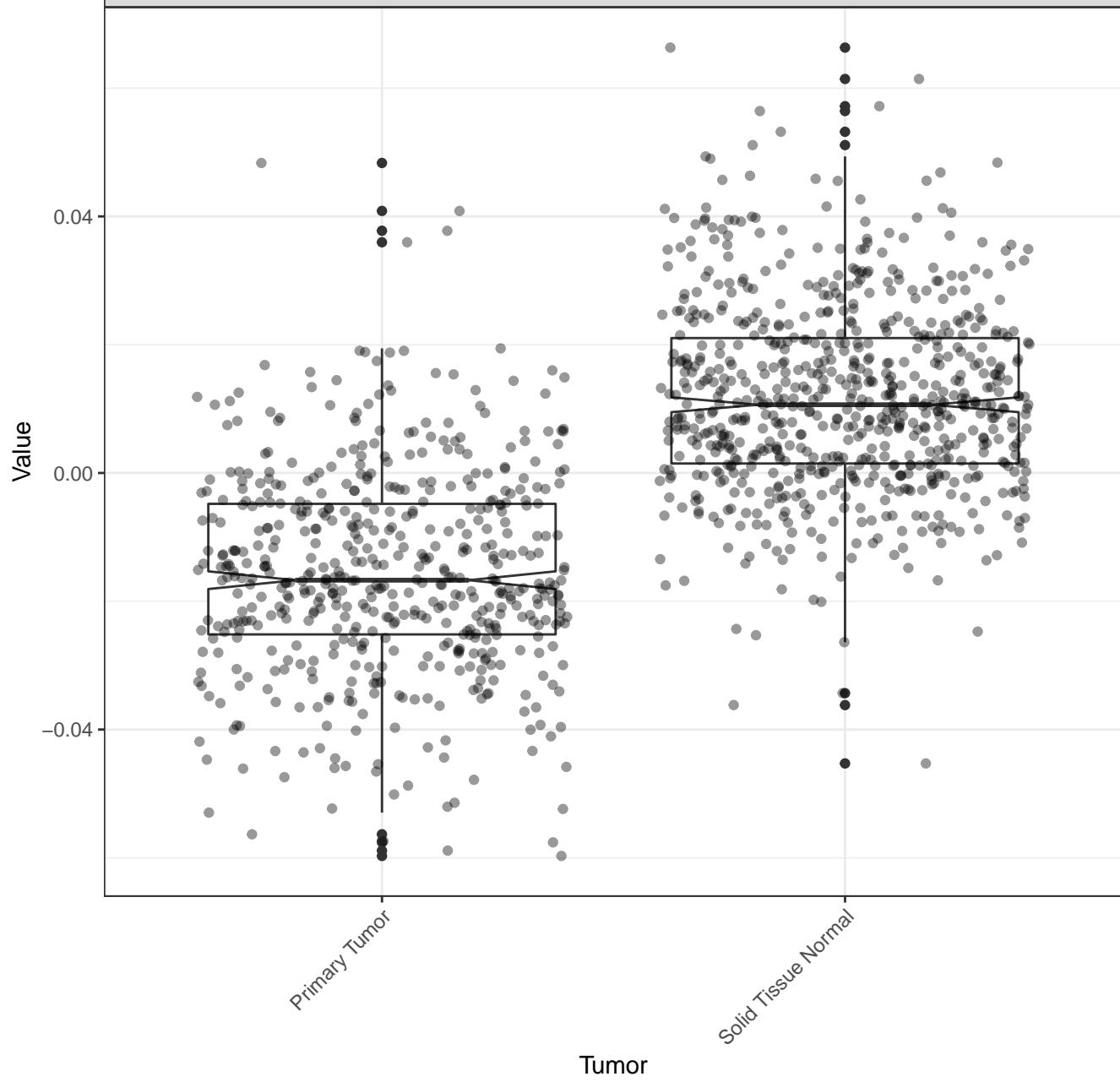
Solid Tissue Normal

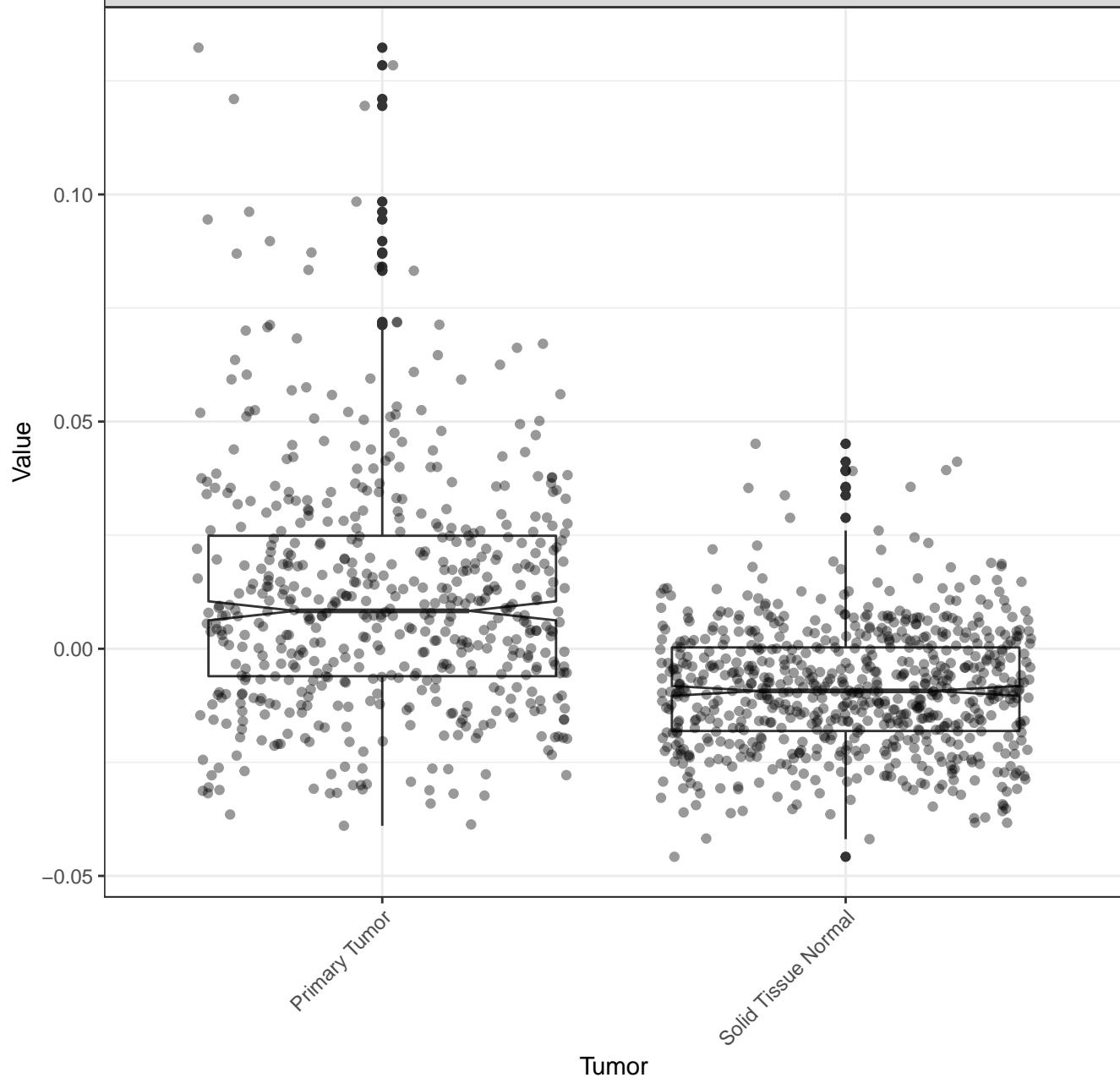
Tumor



345,SVM Macrophages M1







LV 348

Value

0.10

0.05

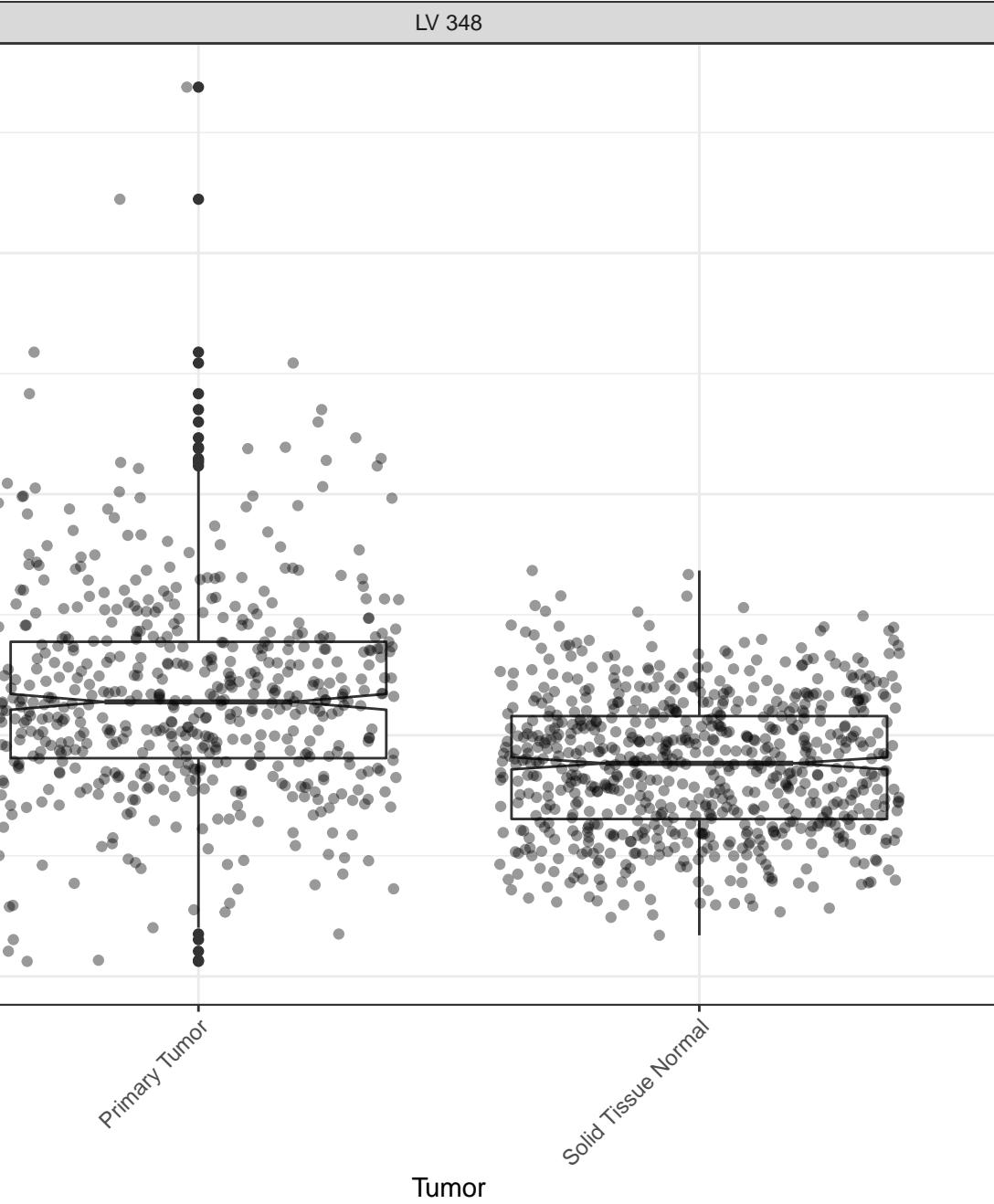
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



LV 349

Value

0.08

0.04

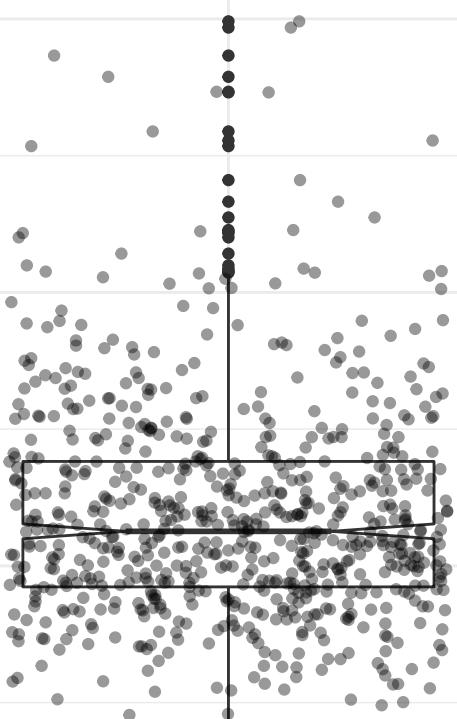
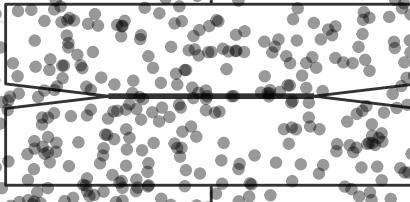
0.00

-0.04

Primary Tumor

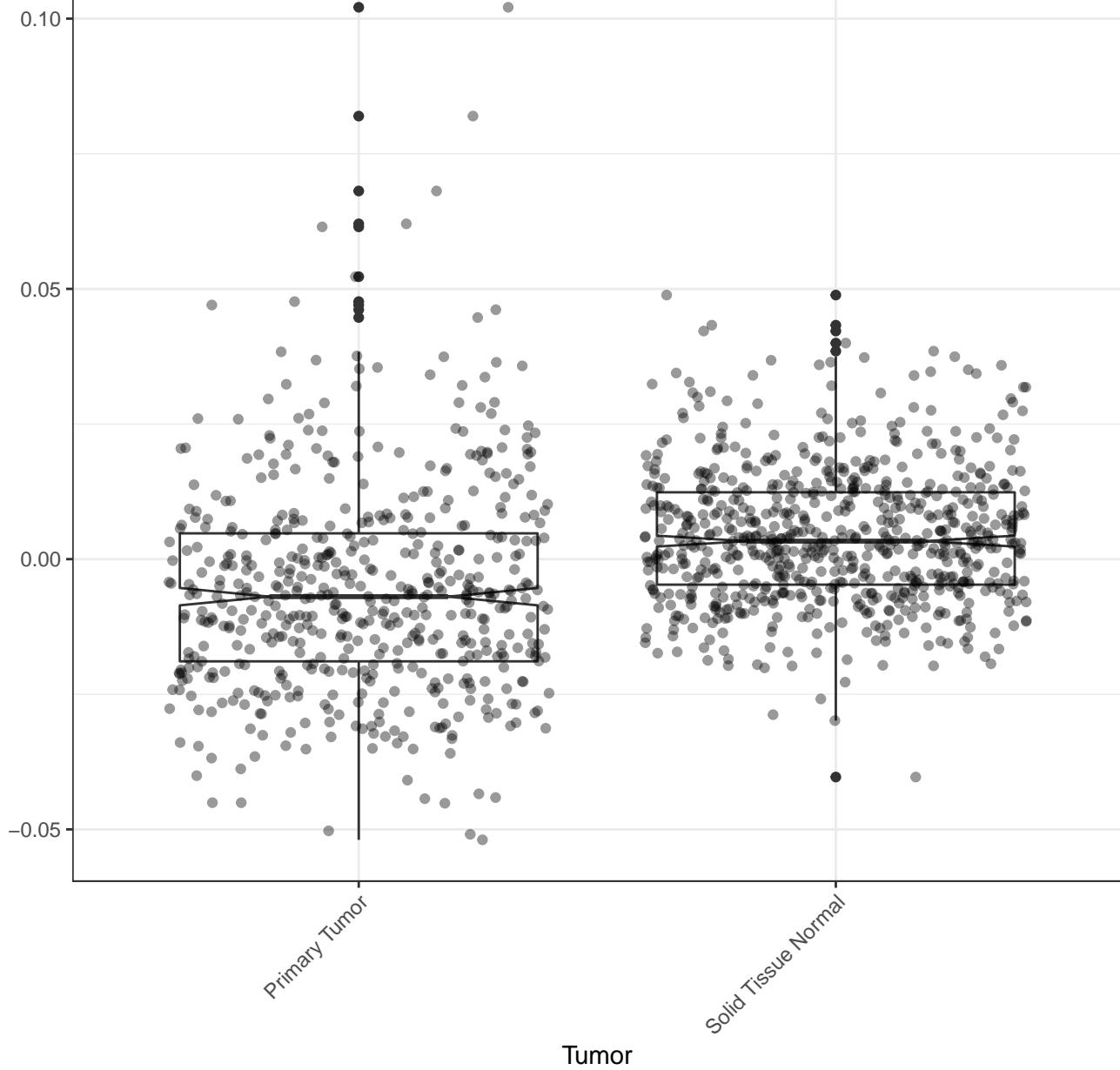
Solid Tissue Normal

Tumor

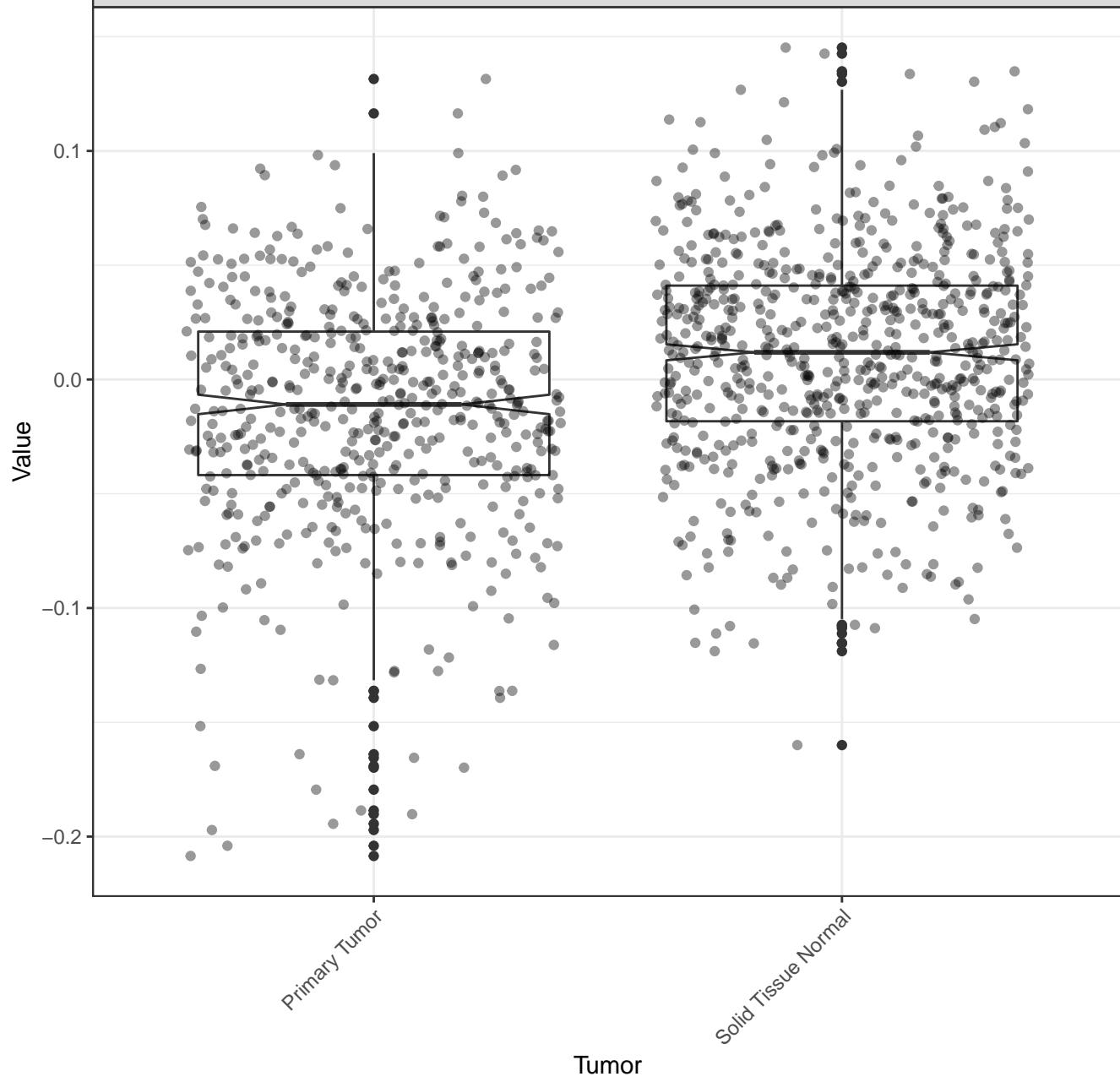


350,REACTOME\_METABOLISM\_OF\_AMINO\_ACIDS\_AND\_DERIVATIVES

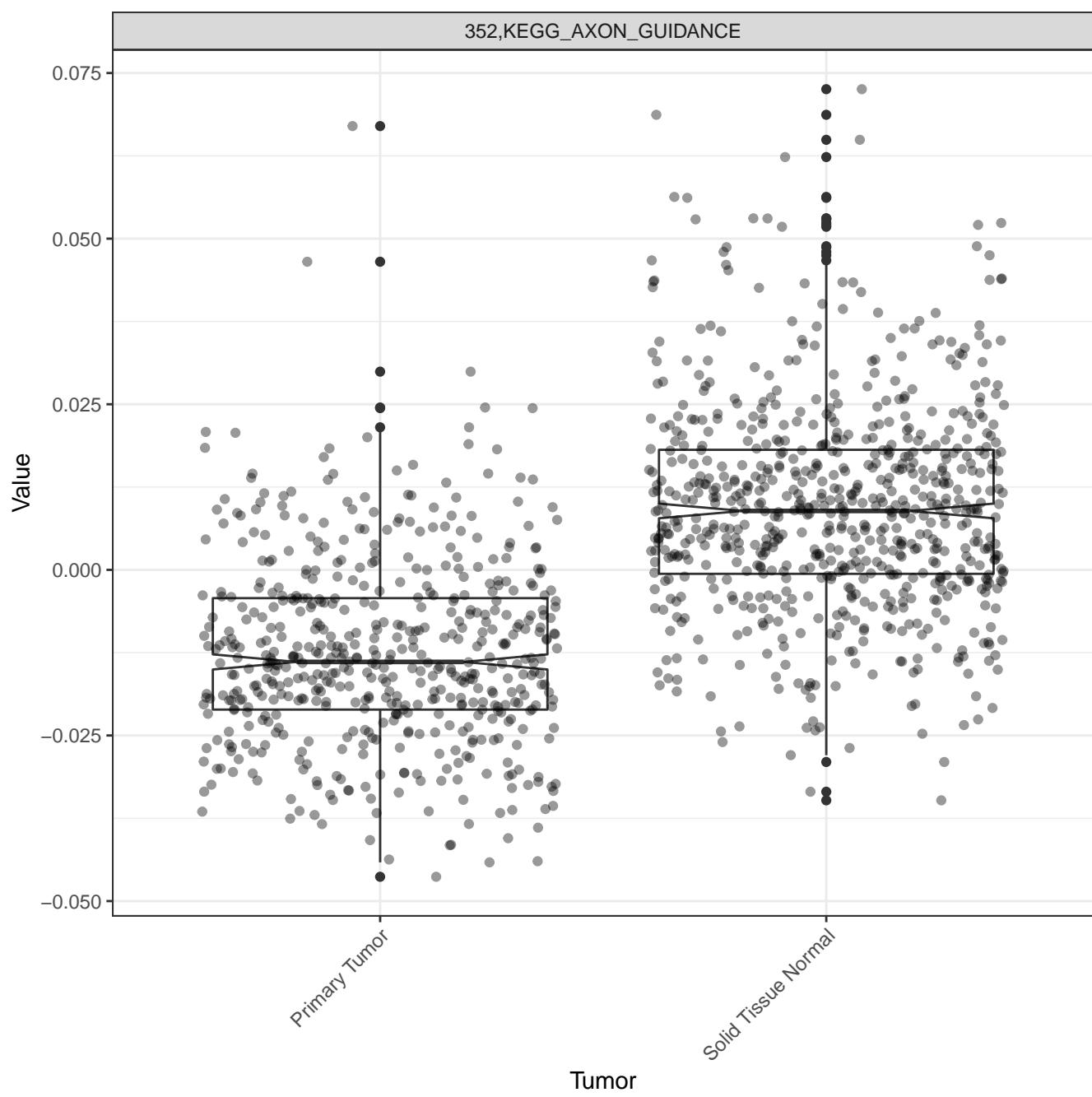
Value



## 351,REACTOME\_METABOLISM\_OF\_MRNA



## 352,KEGG\_AXON\_GUIDANCE



LV 353

Value

0.10

0.05

0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



Value

0.10

0.05

0.00

-0.05

Primary Tumor

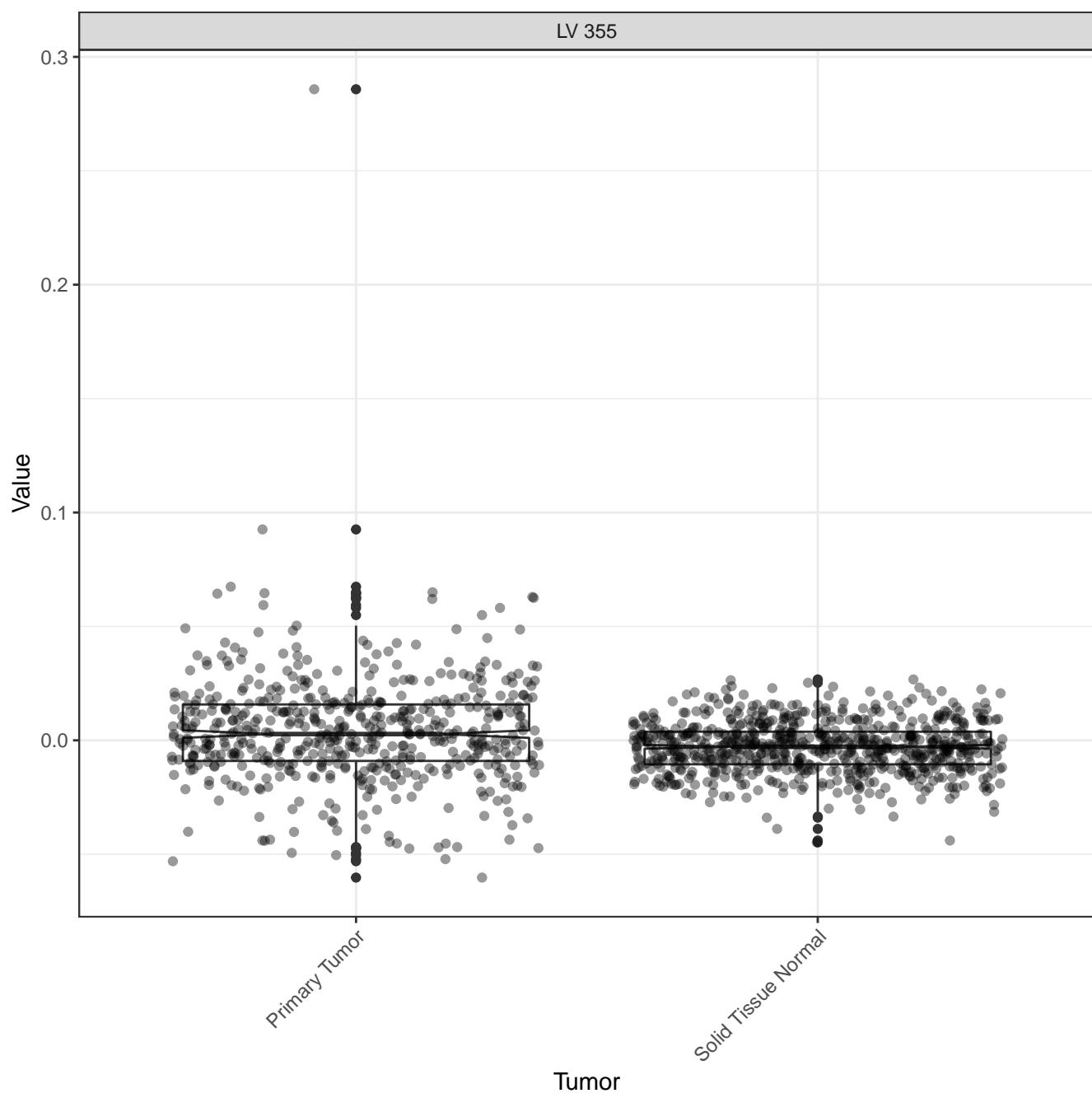
Solid Tissue Normal

Tumor

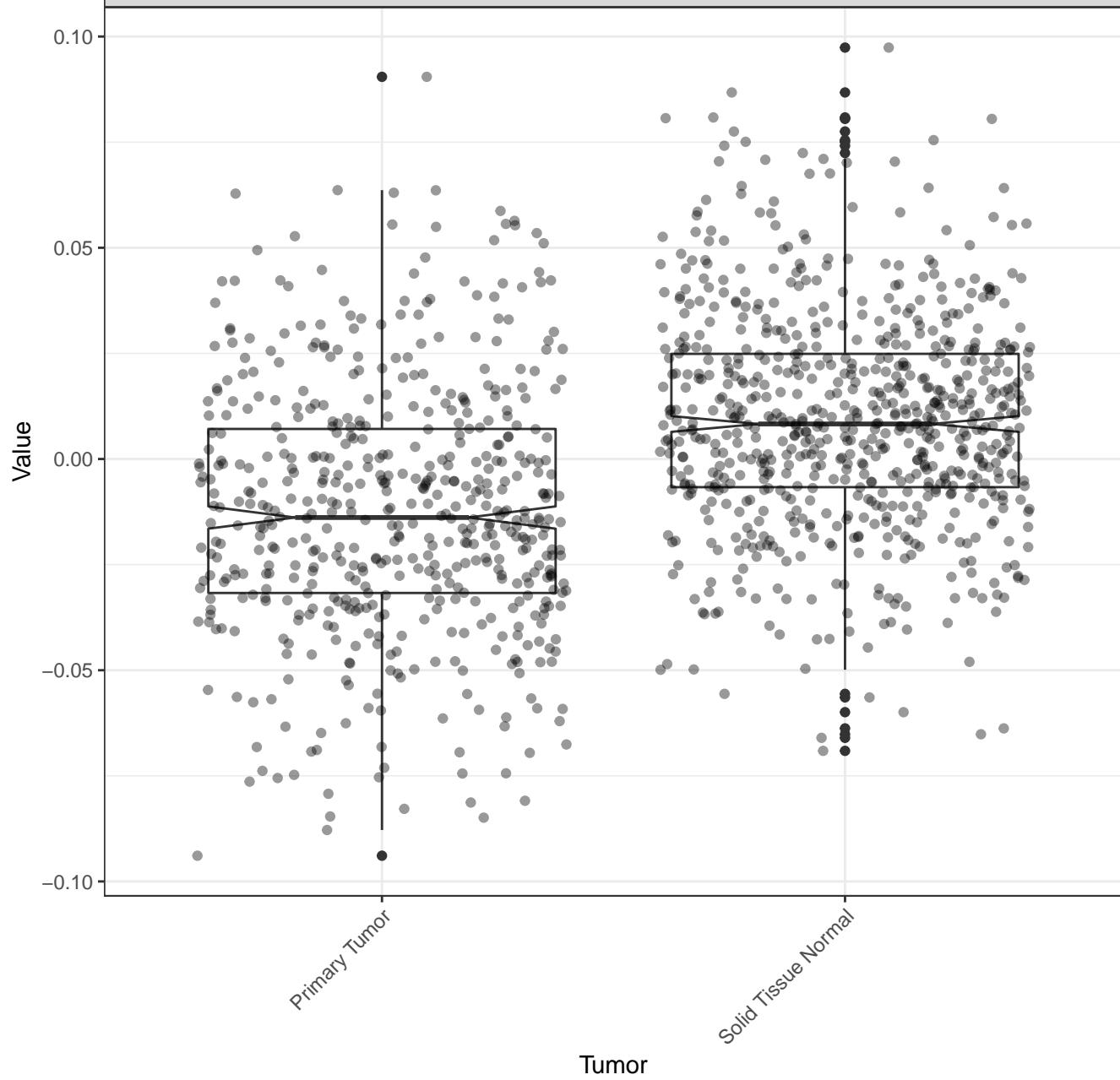


1

LV 355



## 356,REACTOME DEVELOPMENTAL\_BIOLOGY



LV 357

Value

0.10

0.05

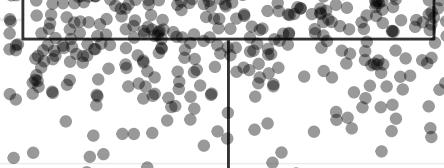
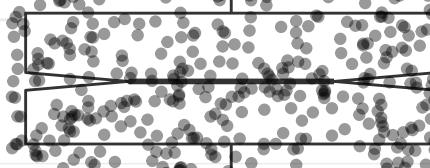
0.00

-0.05

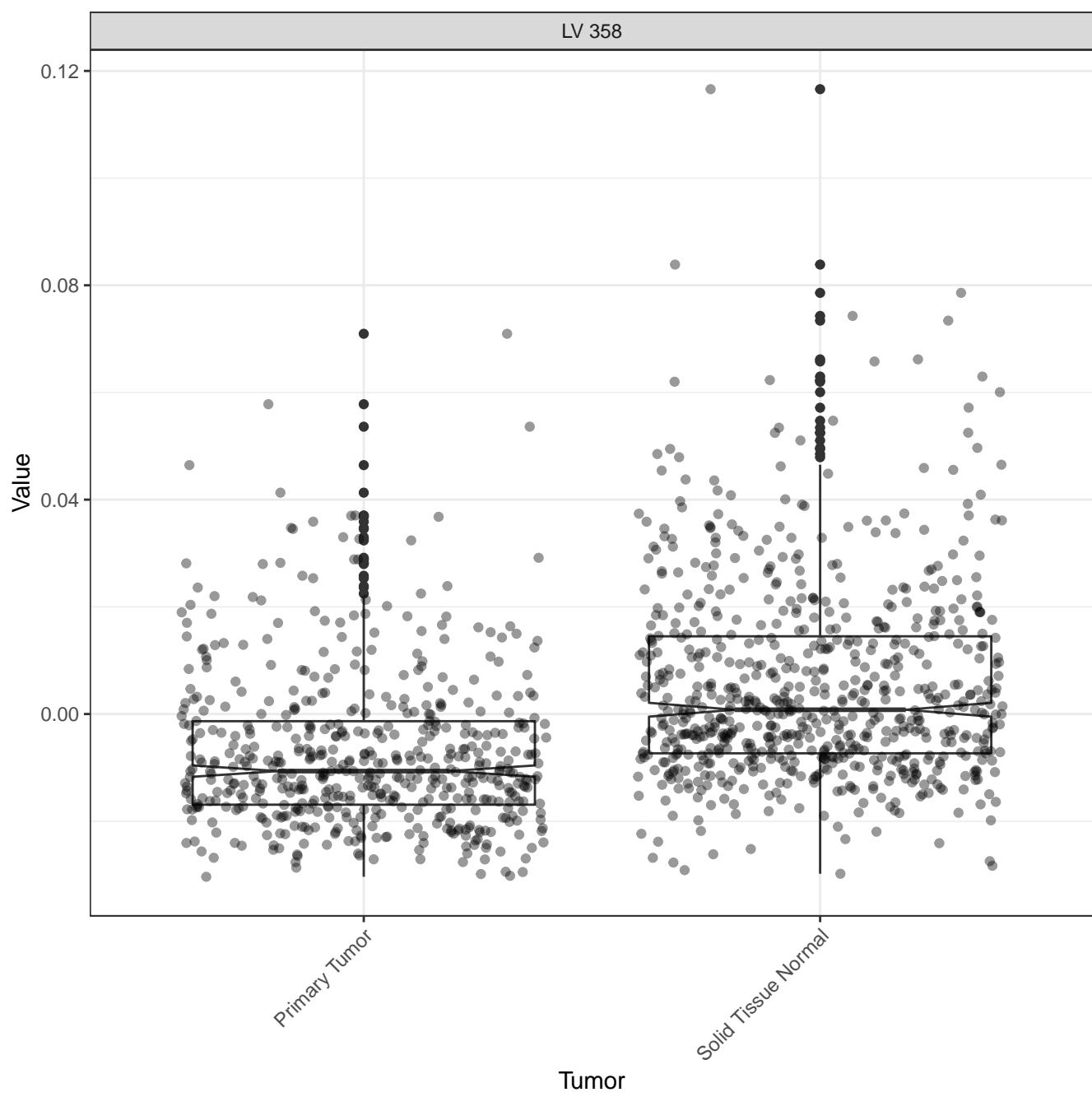
Primary Tumor

Solid Tissue Normal

Tumor



LV 358



Value

0.05

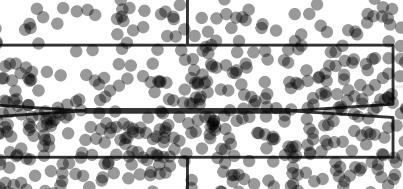
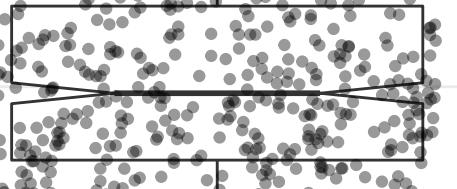
0.00

-0.05

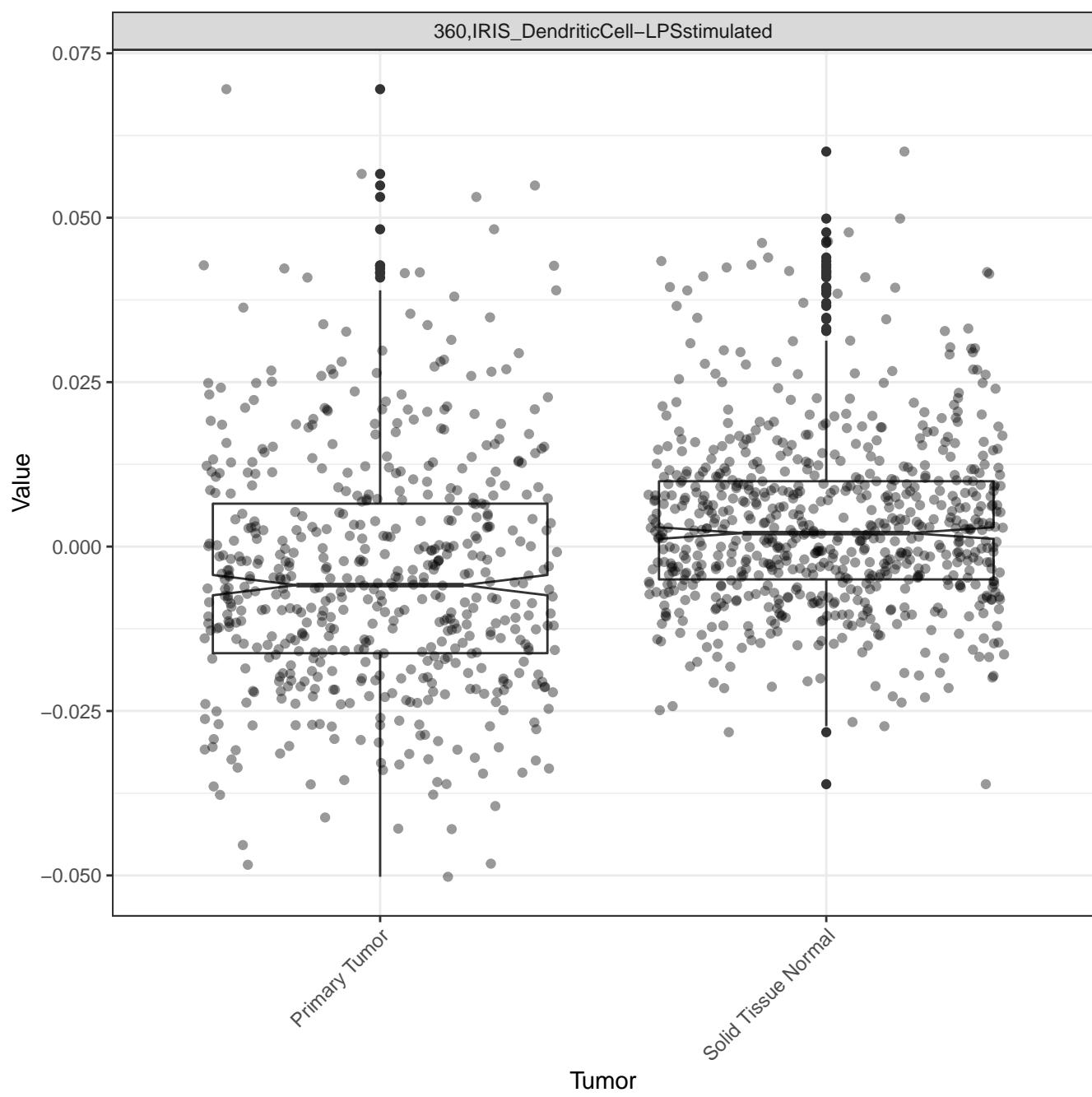
Primary Tumor

Solid Tissue Normal

Tumor



360,IRIS\_DendriticCell-LPSstimulated



Value

0.10

0.05

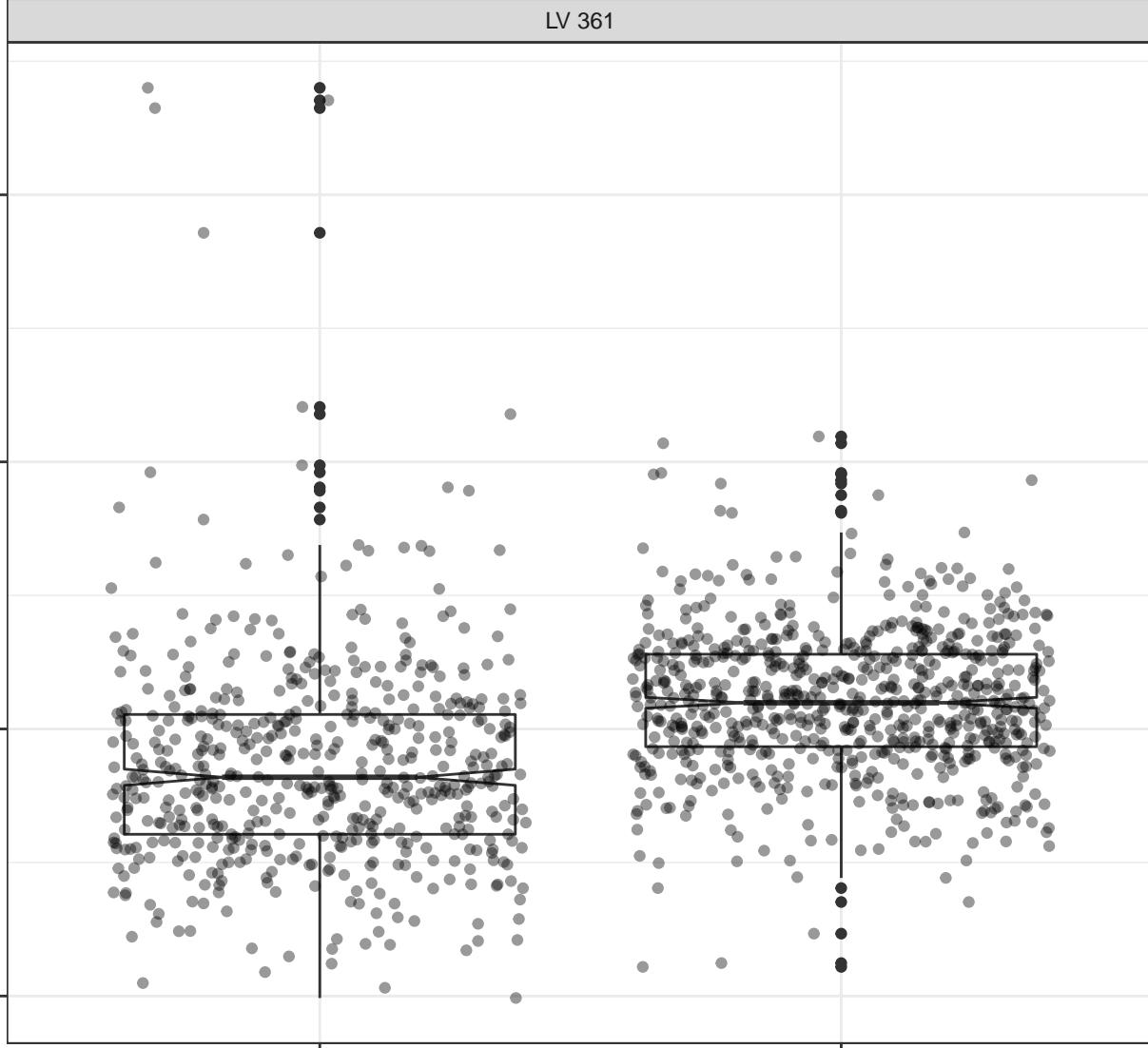
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



LV 362

Value

0.10

0.05

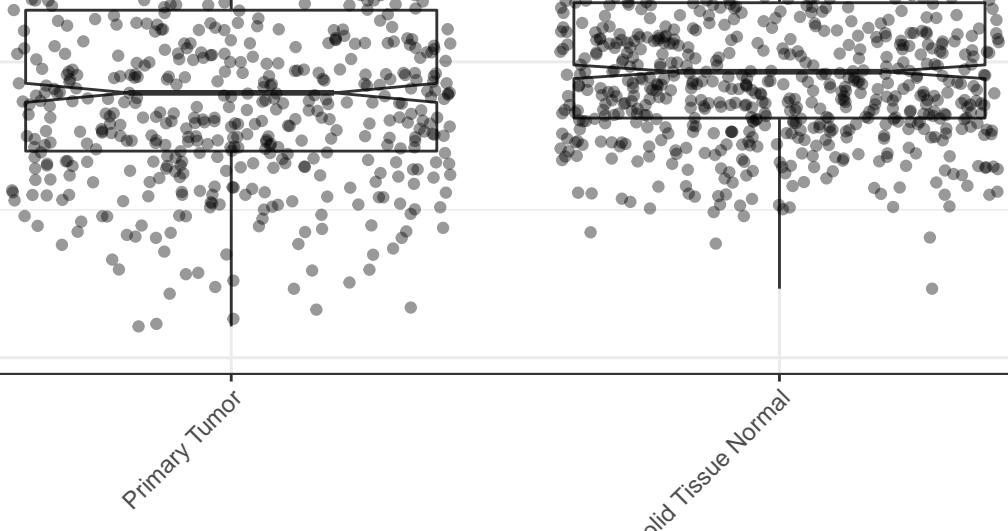
0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor



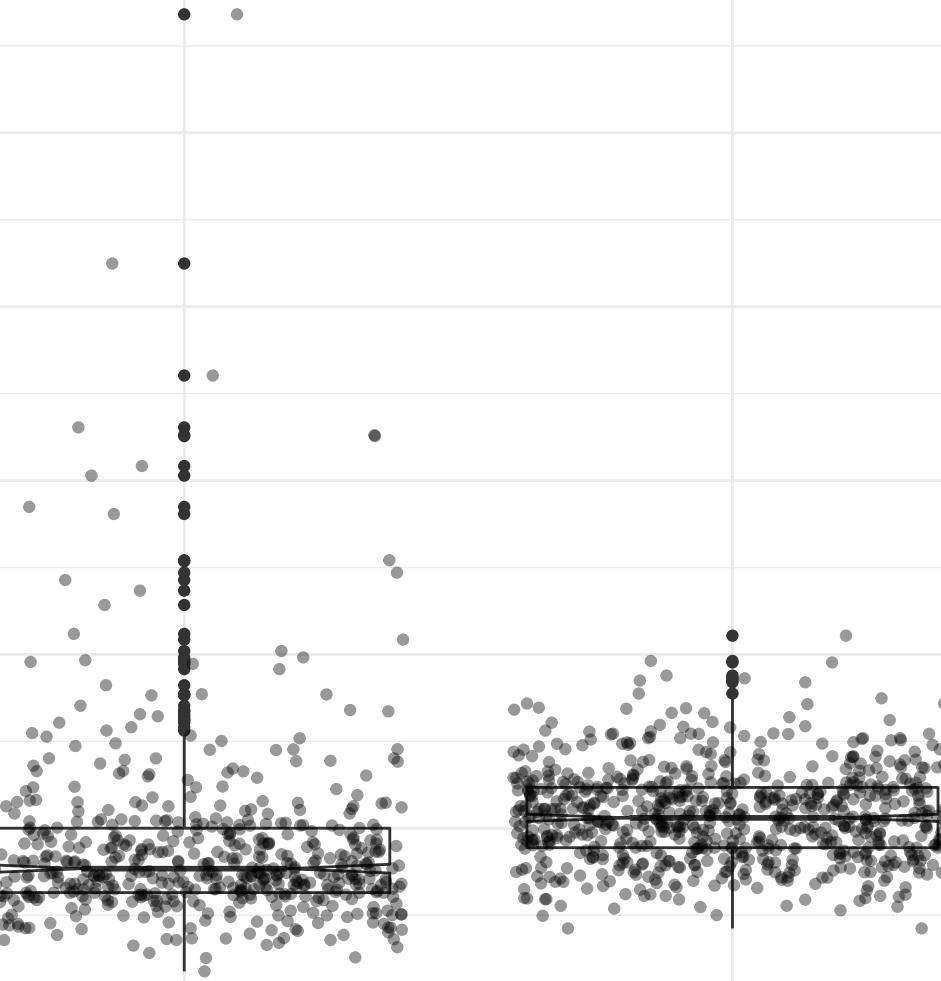
Value

0.20  
0.15  
0.10  
0.05  
0.00  
-0.05

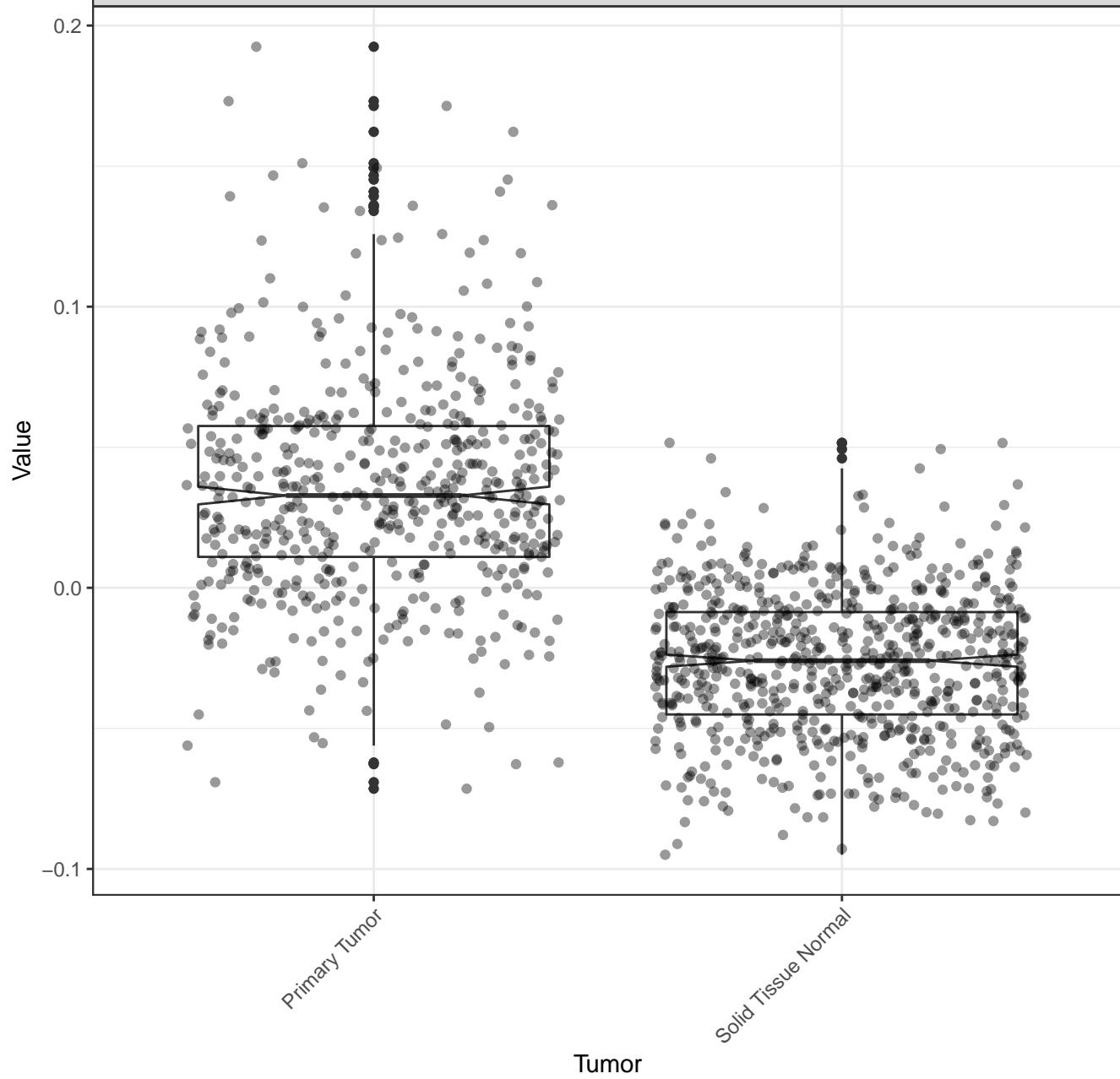
Primary Tumor

Solid Tissue Normal

Tumor



# 364,REACTOME\_POST\_TRANSLATIONAL\_PROTEIN\_MODIFICATION



## 365,DMAP\_EOS2

Value

0.15

0.10

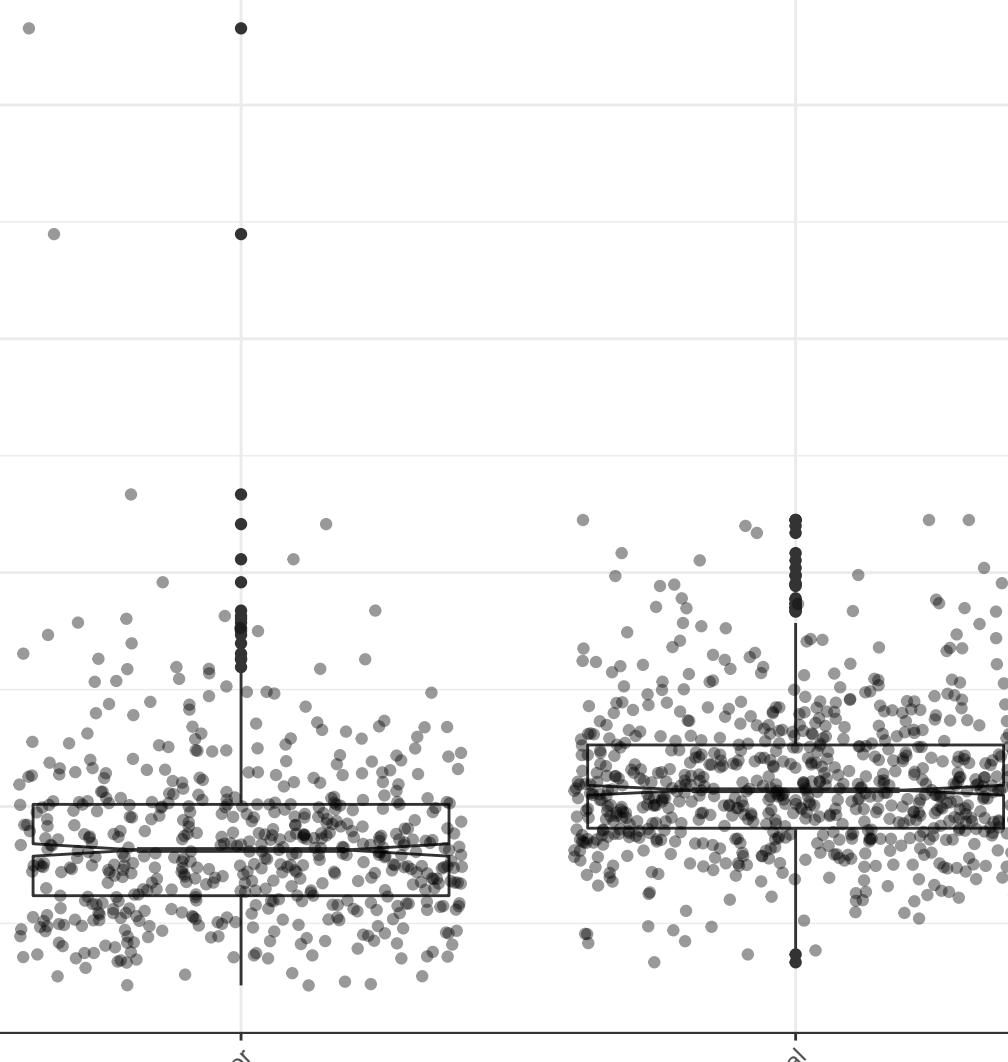
0.05

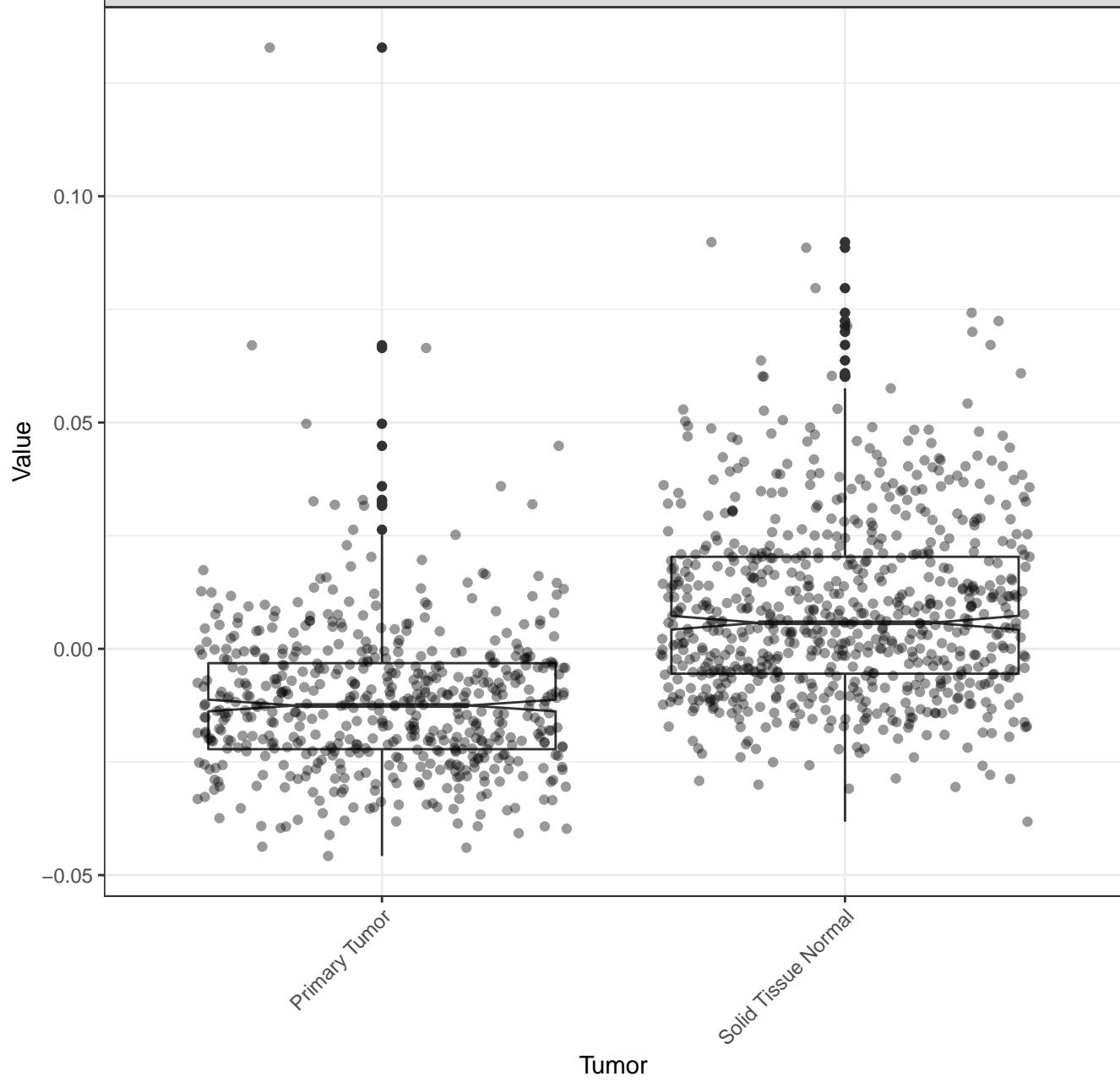
0.00

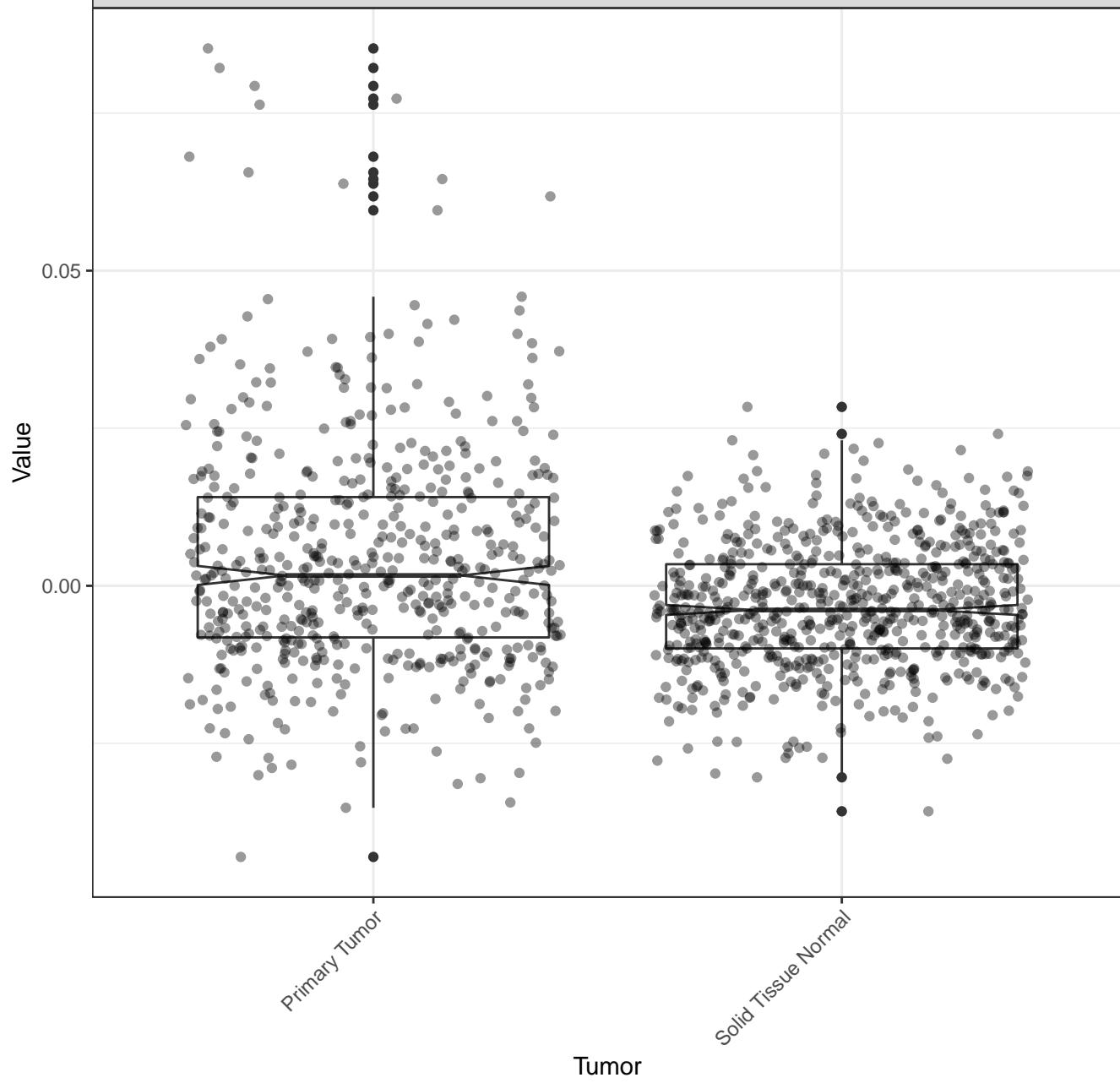
Primary Tumor

Solid Tissue Normal

Tumor







LV 368

Value

0.10

0.05

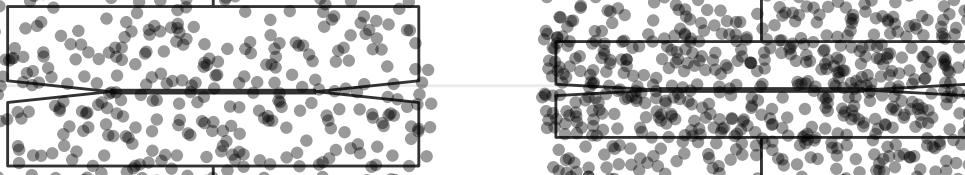
0.00

-0.05

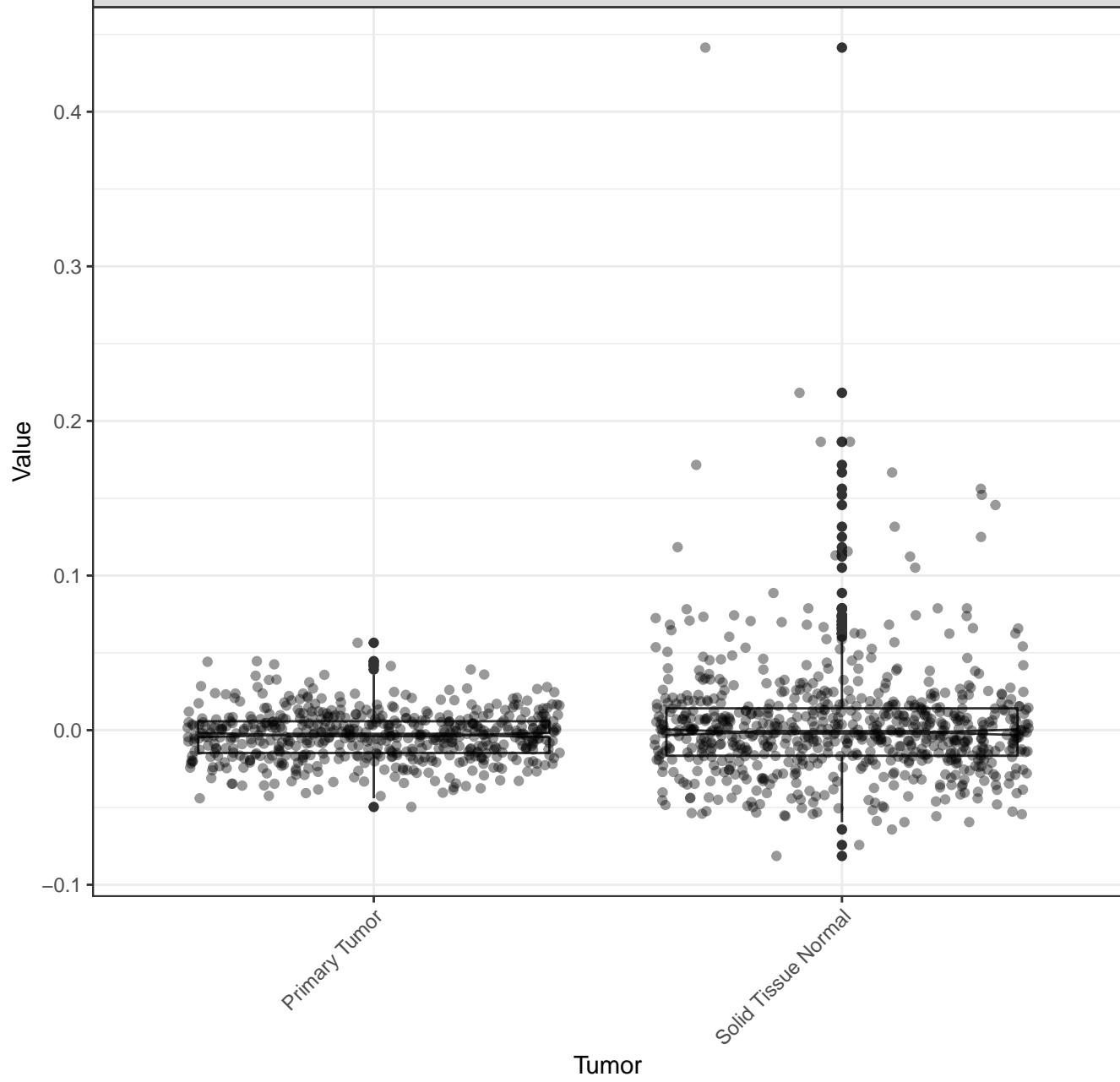
Primary Tumor

Solid Tissue Normal

Tumor



### 369,PID\_CMYB\_PATHWAY



### 370,REACTOME\_GENERIC\_TRANSSCRIPTION\_PATHWAY

Value

0.3

0.2

0.1

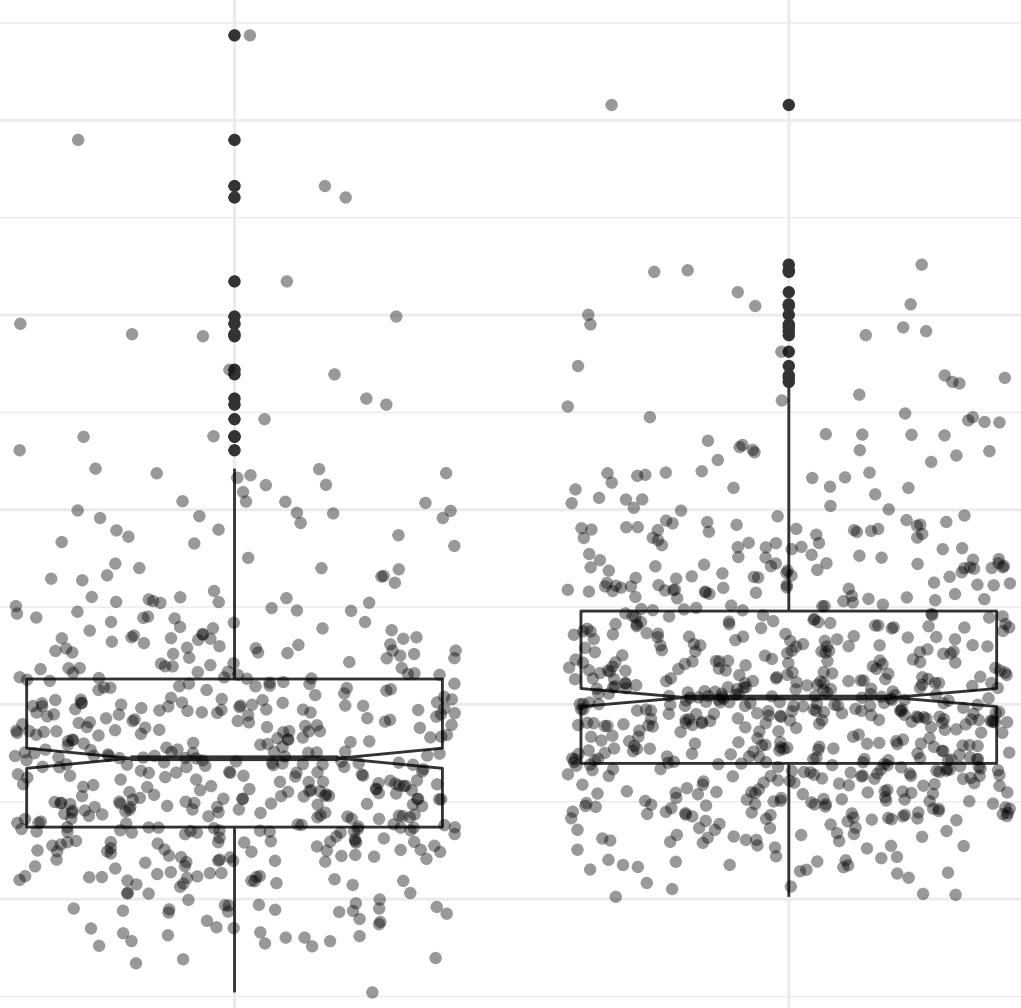
0.0

-0.1

Primary Tumor

Solid Tissue Normal

Tumor



## 371,PID\_ERBB1\_DOWNSTREAM\_PATHWAY

Value

0.10

0.05

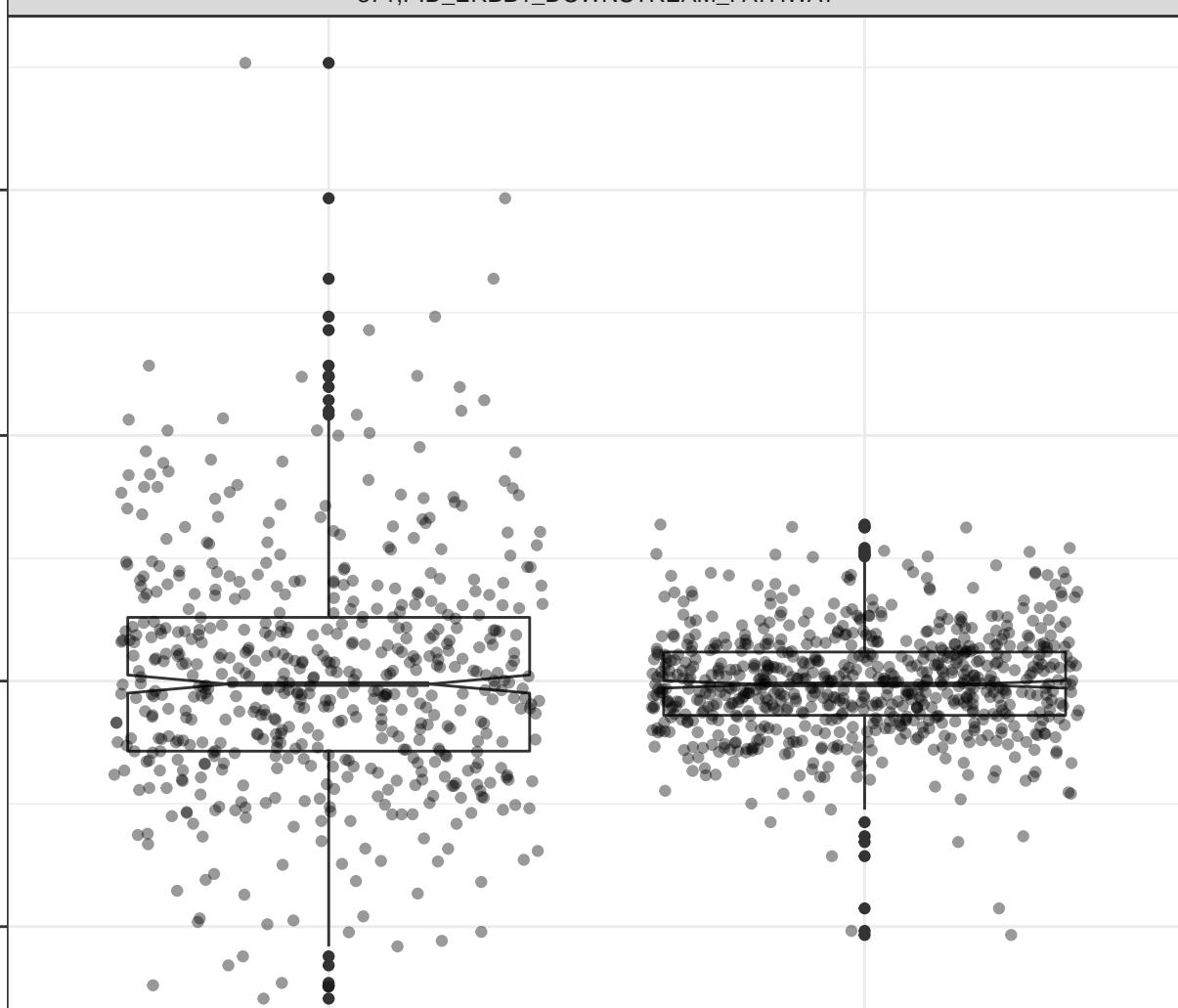
0.00

-0.05

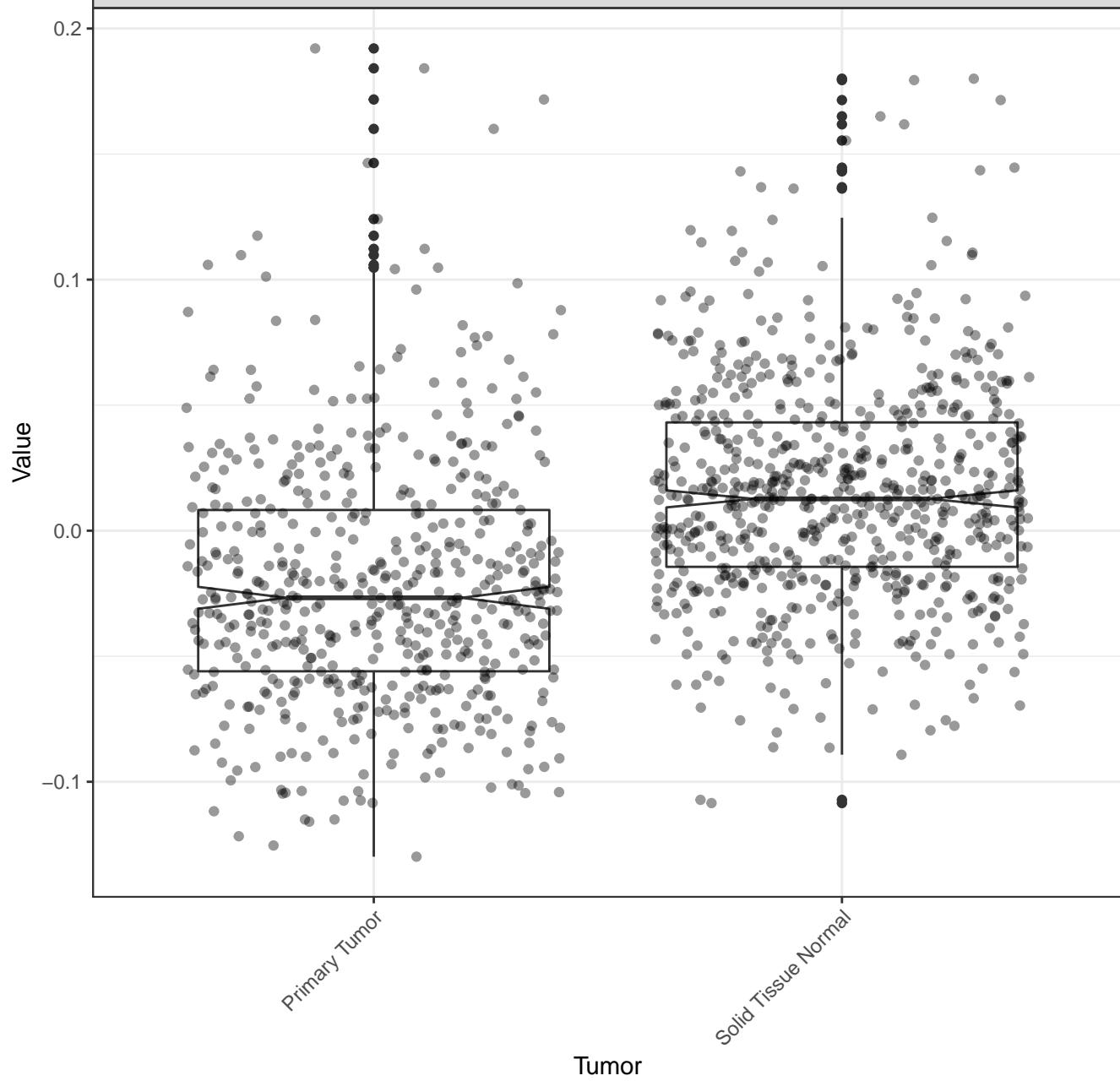
Primary Tumor

Solid Tissue Normal

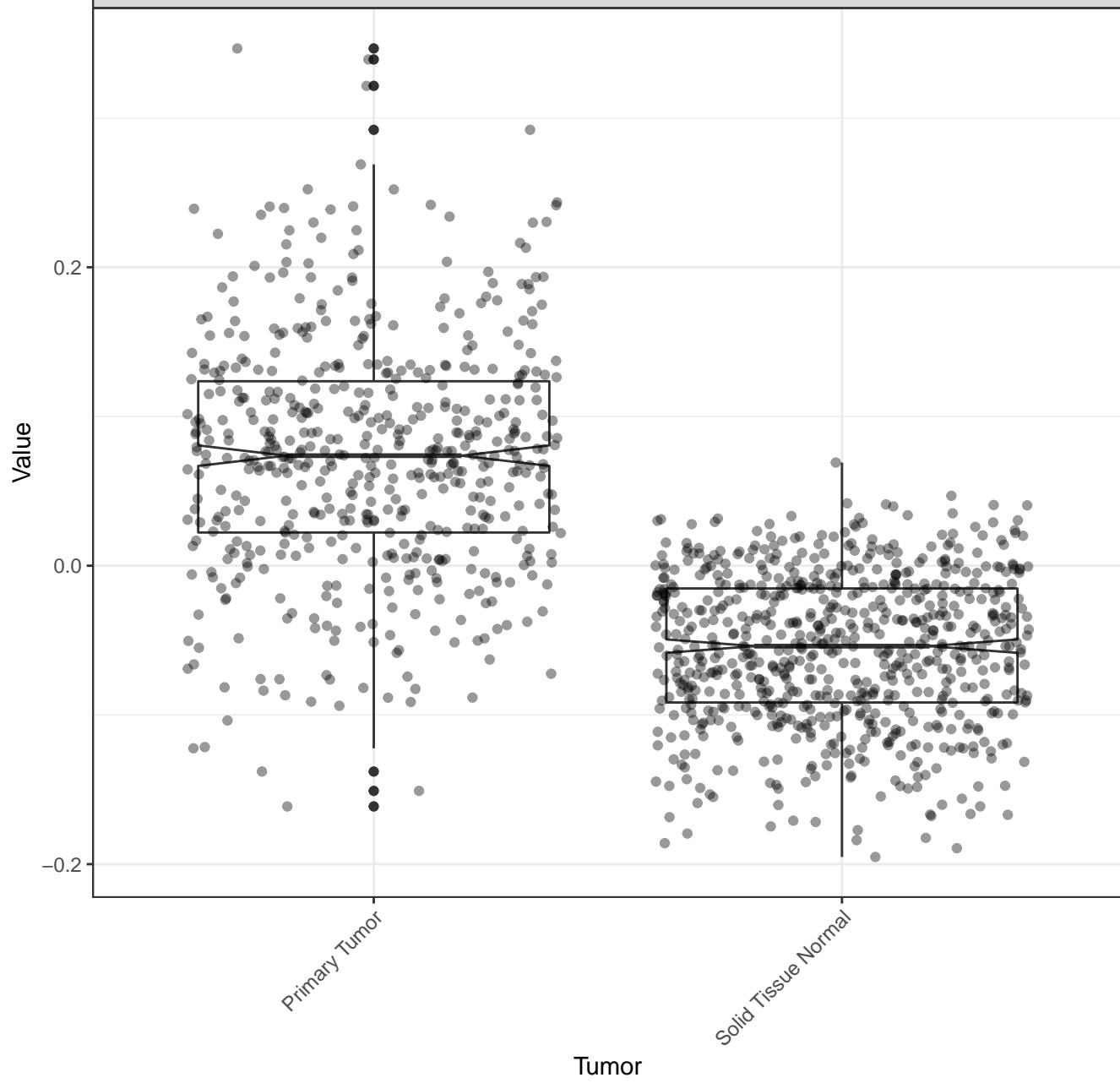
Tumor



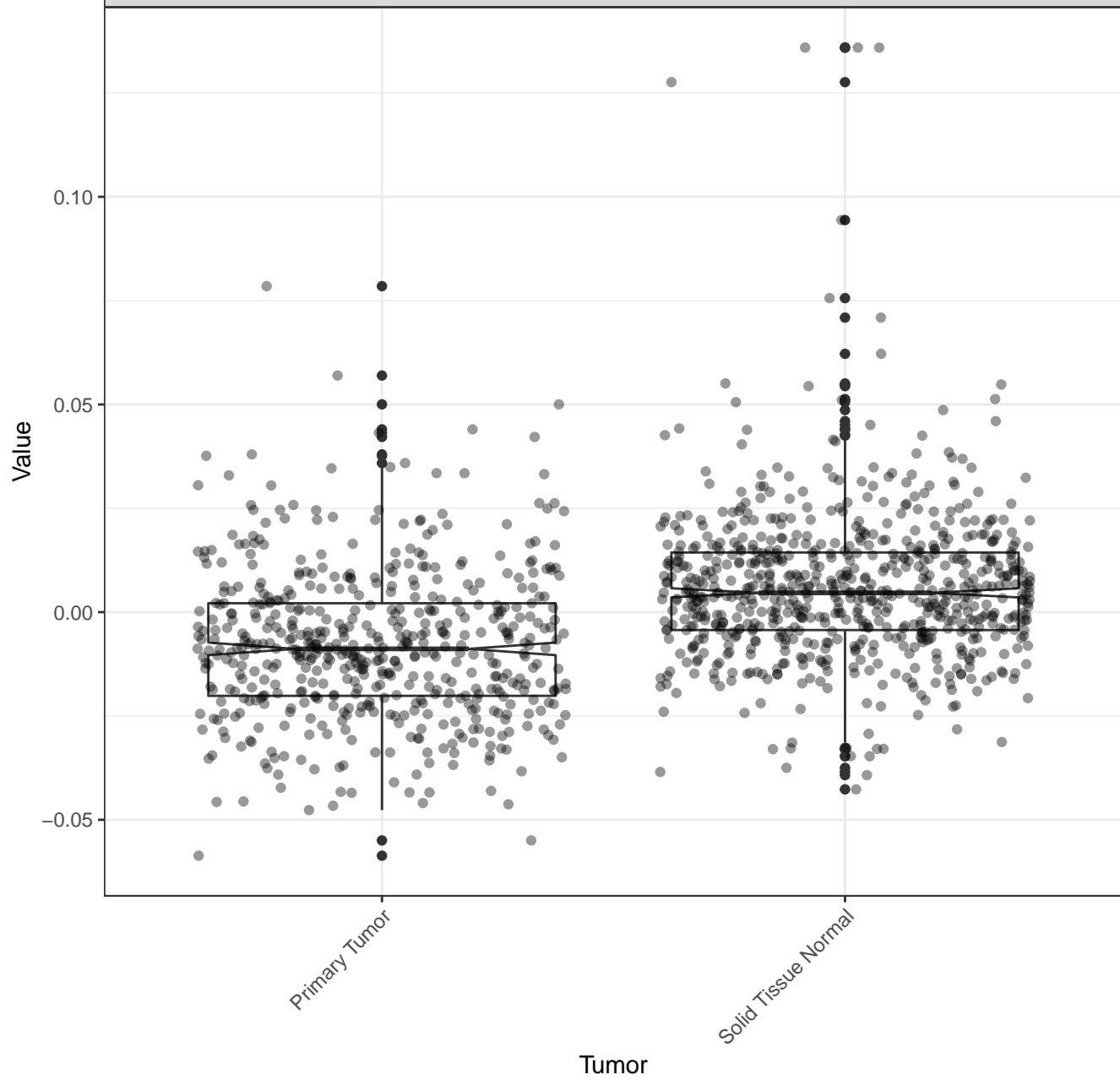
## 372,REACTOME\_METABOLISM\_OF\_RNA



## 373,KEGG\_LYSOSOME

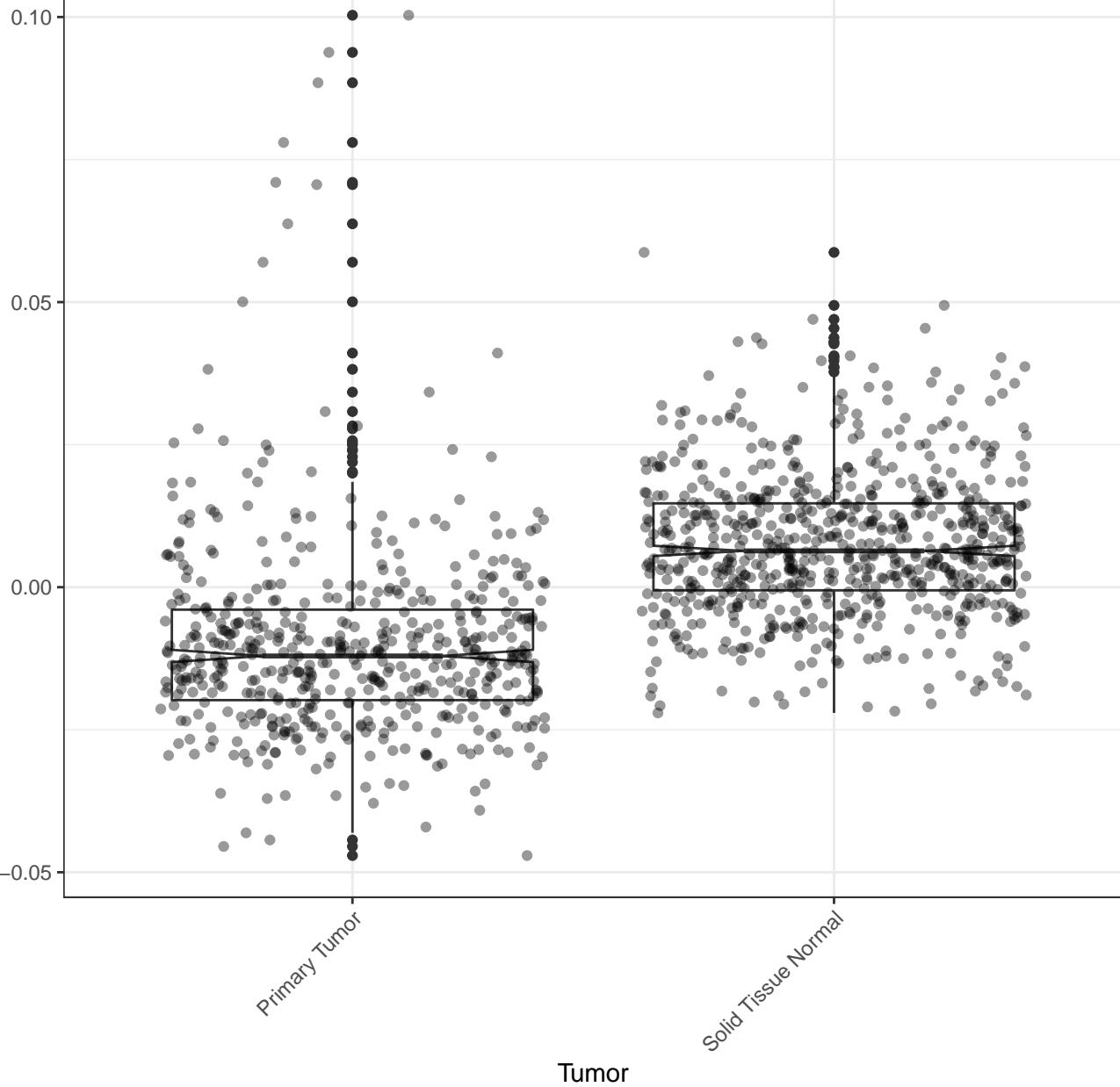


## 374,DMAP\_TCELLA2

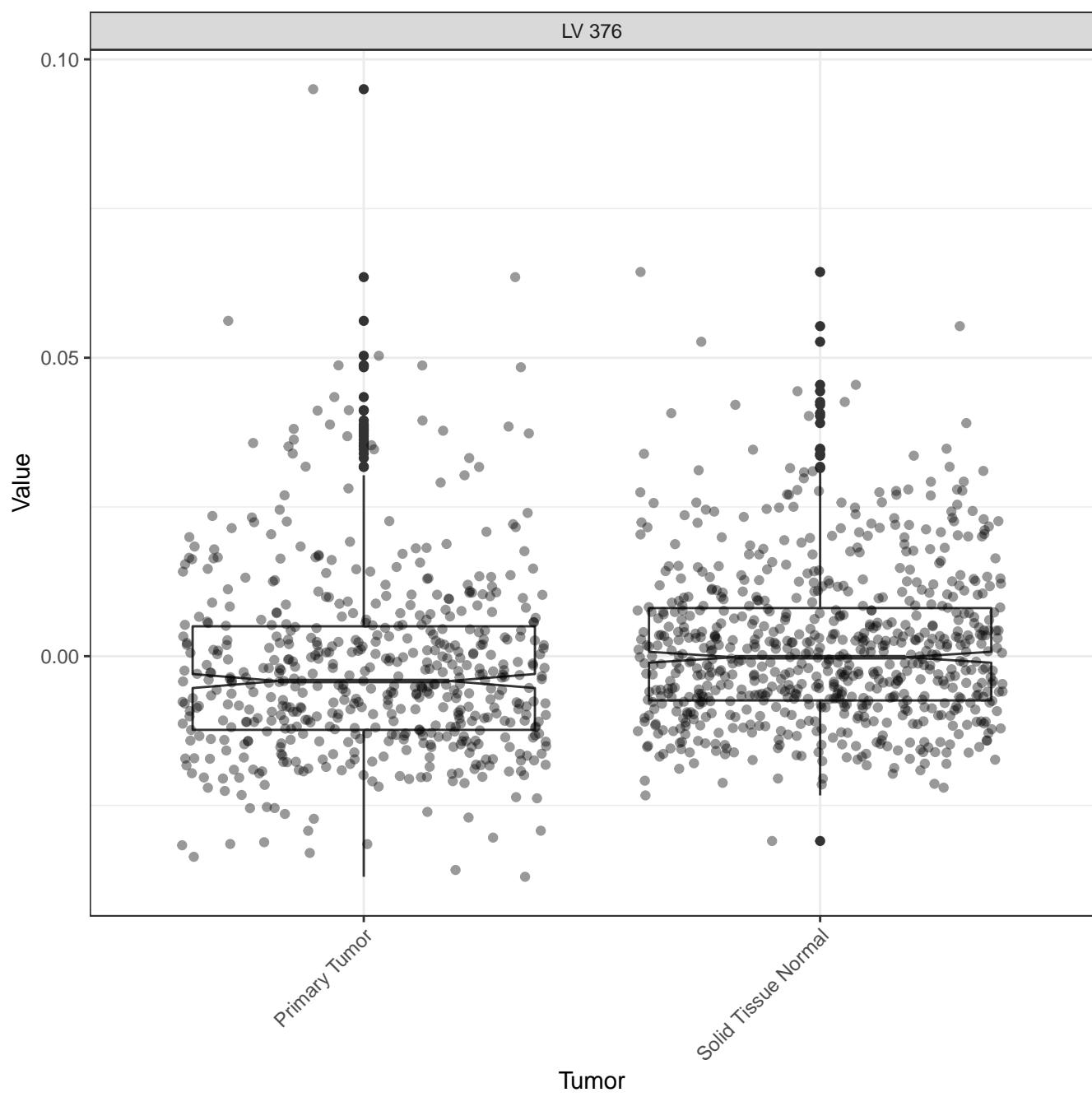


375,REACTOME\_TRANSSCRIPTION\_COUPLED\_NER\_TC\_NER

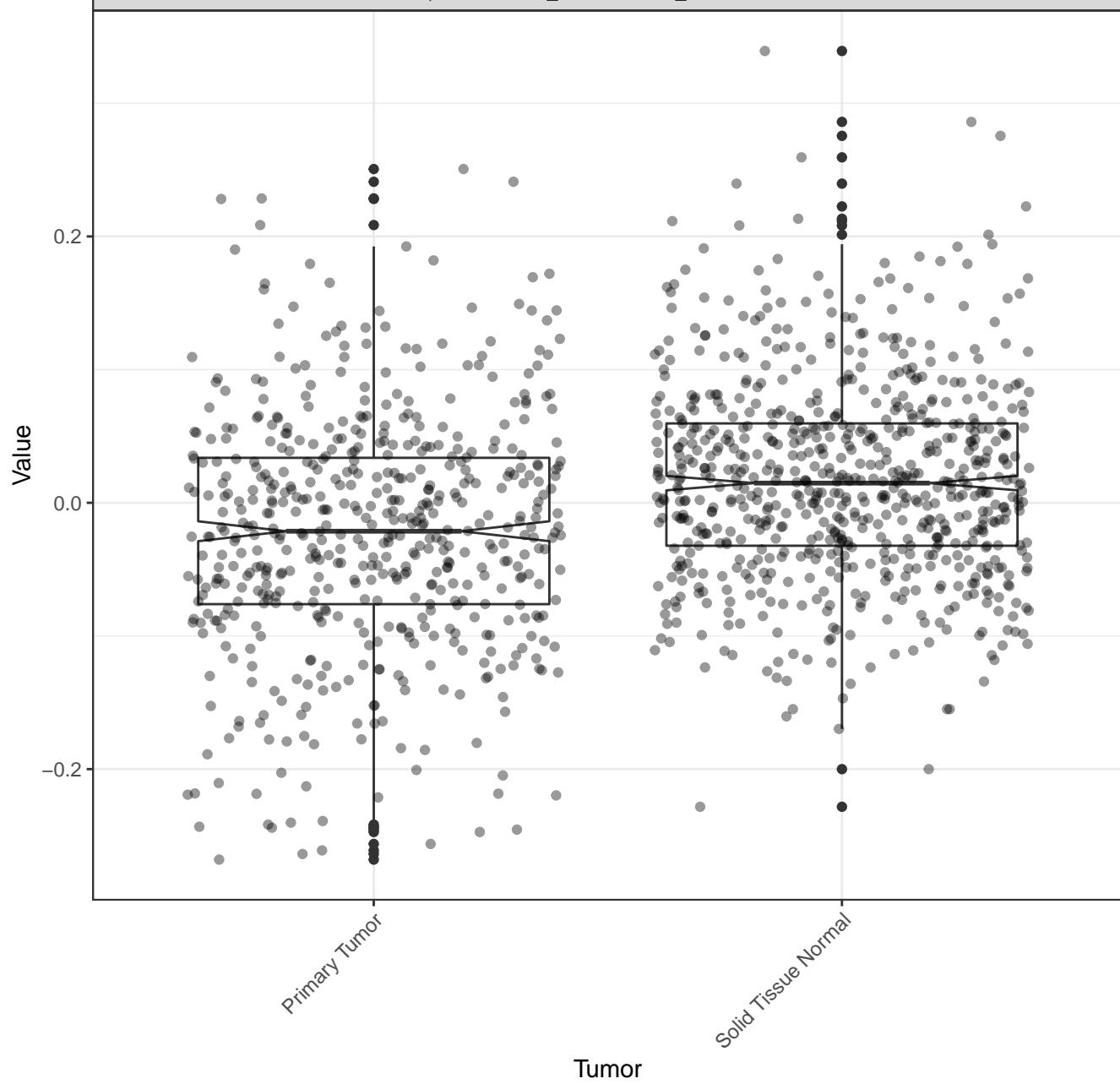
Value



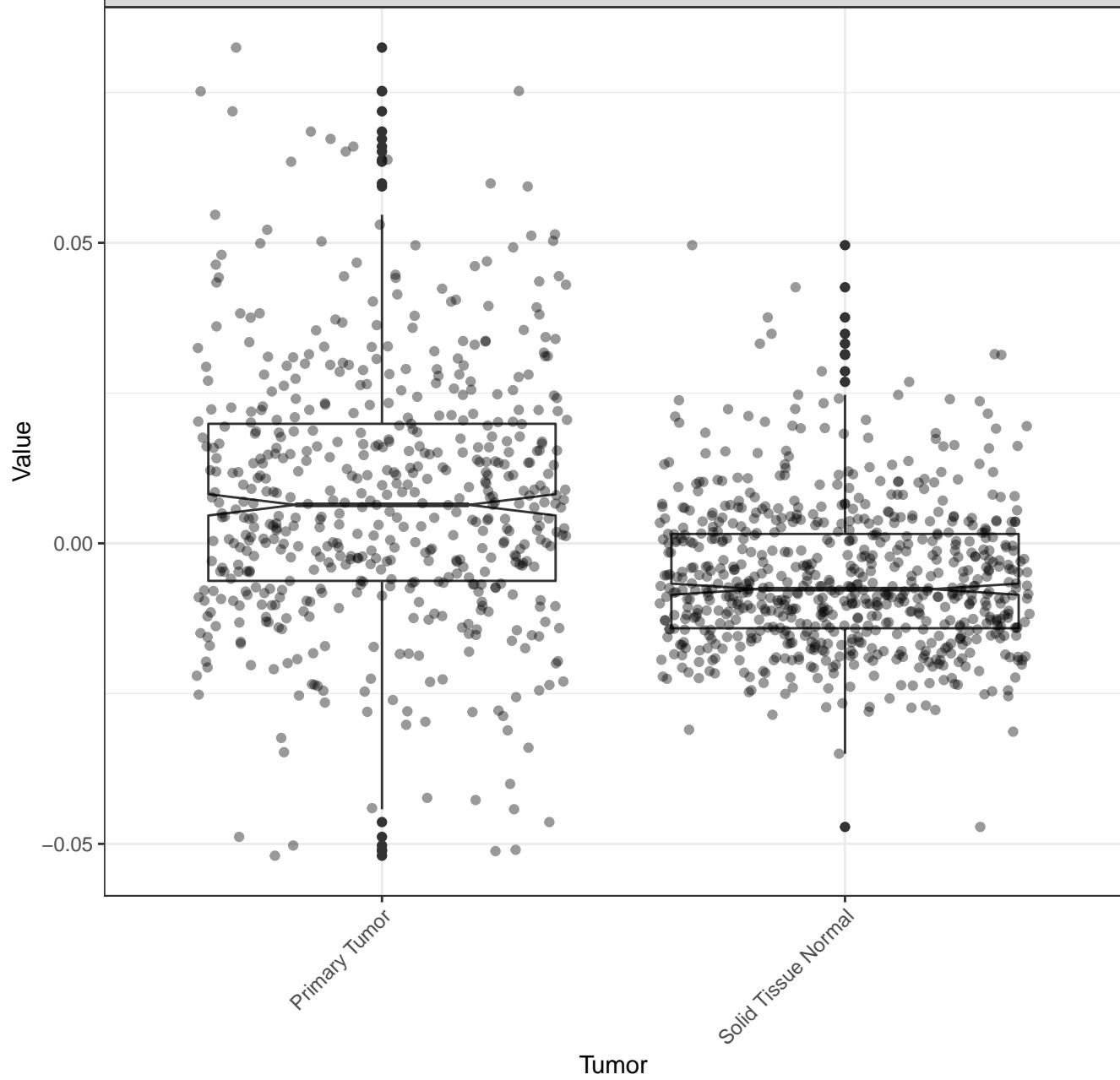
LV 376



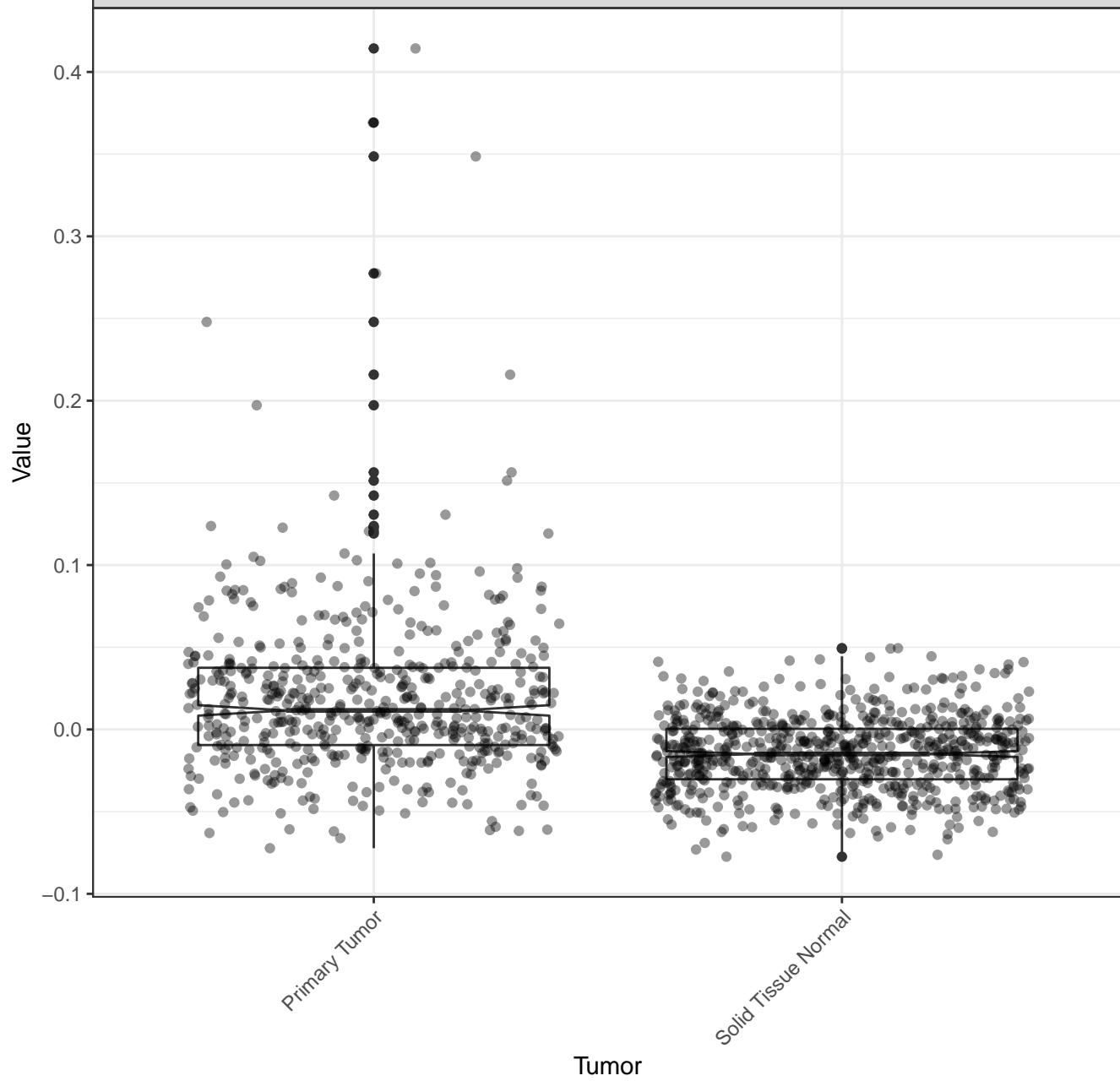
## 377,REACTOME\_MEMBRANE\_TRAFFICKING



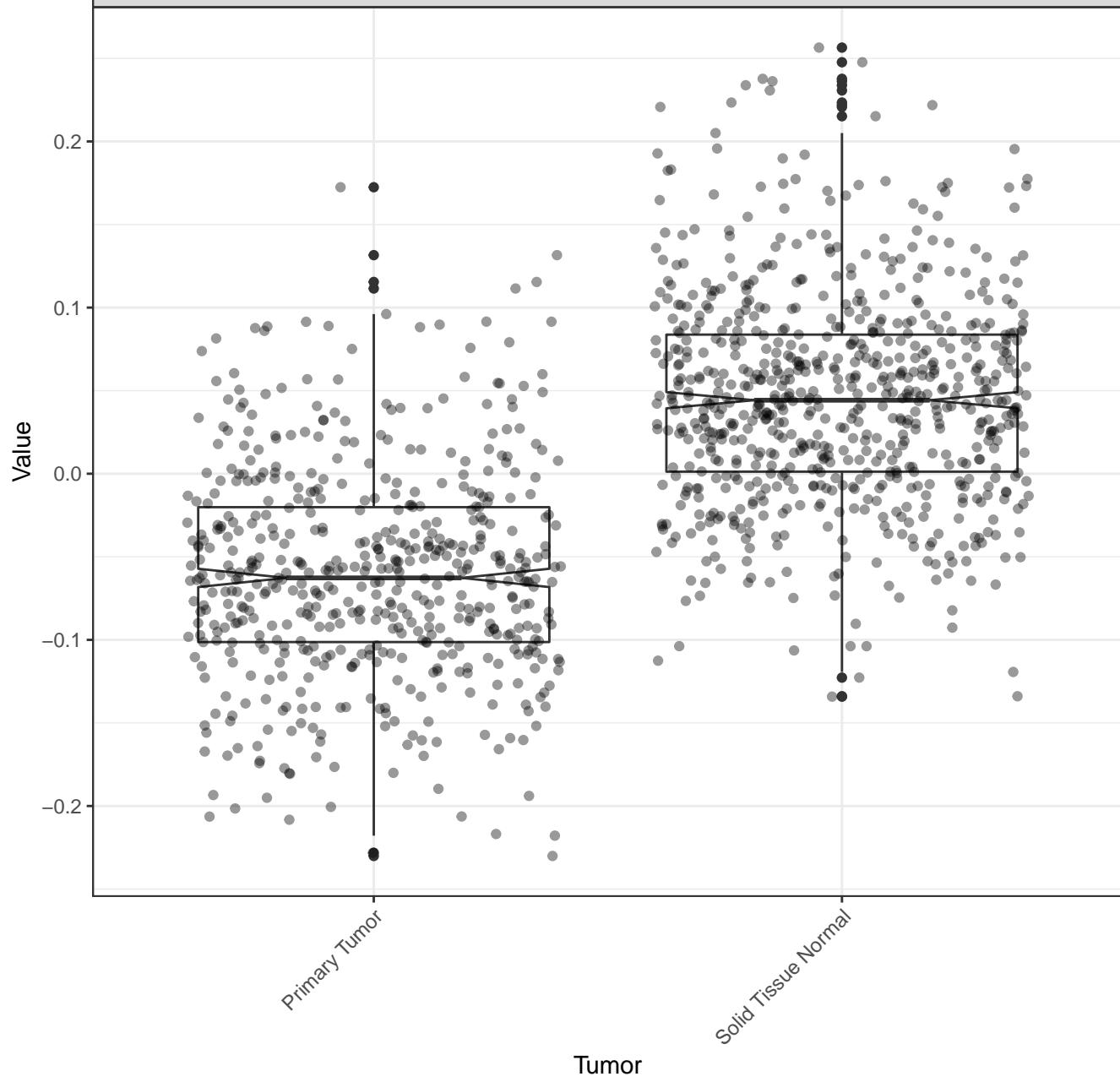
## 378,REACTOME\_IMMUNE\_SYSTEM



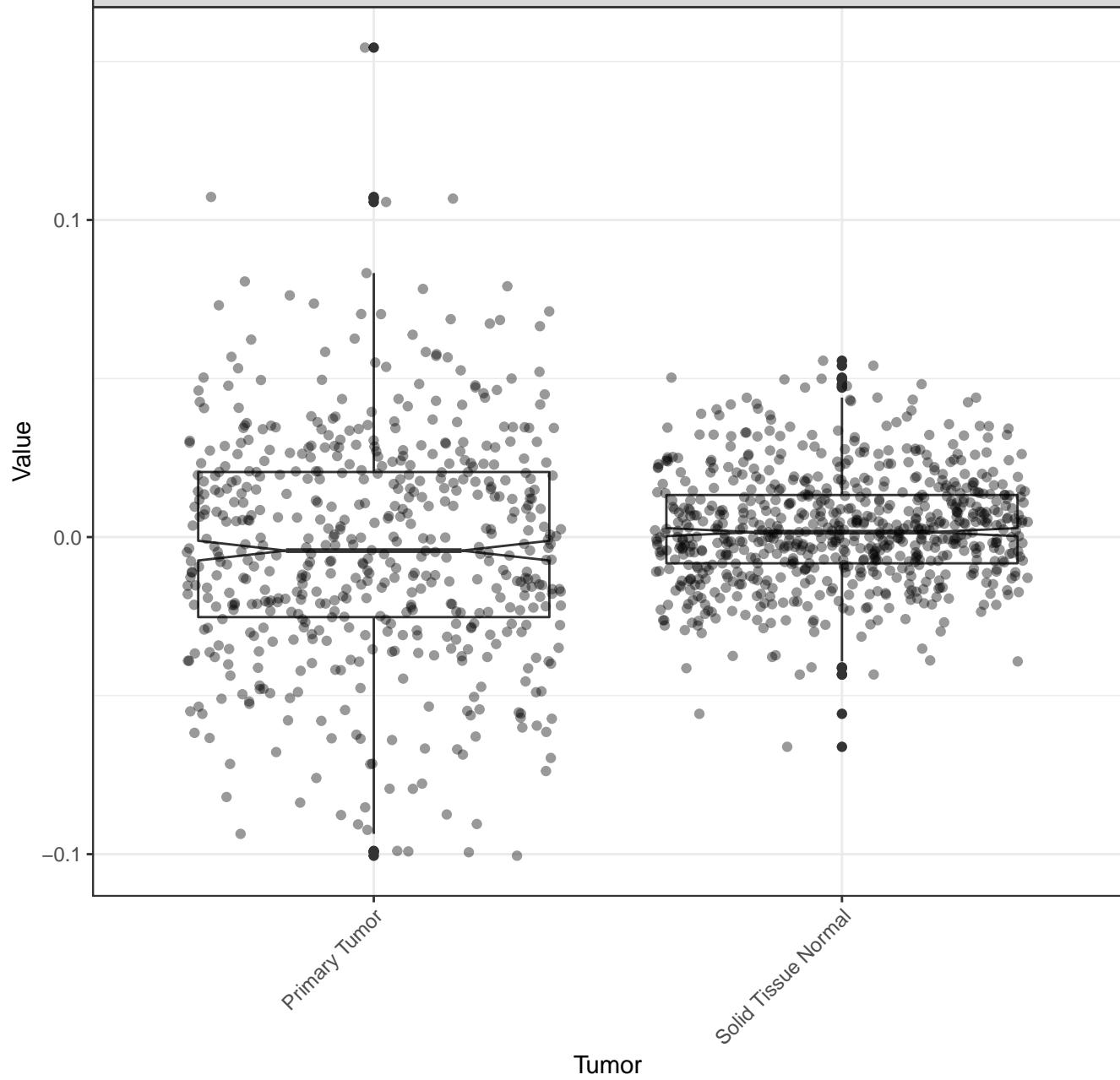
### 379,KEGG\_LYSOSOME



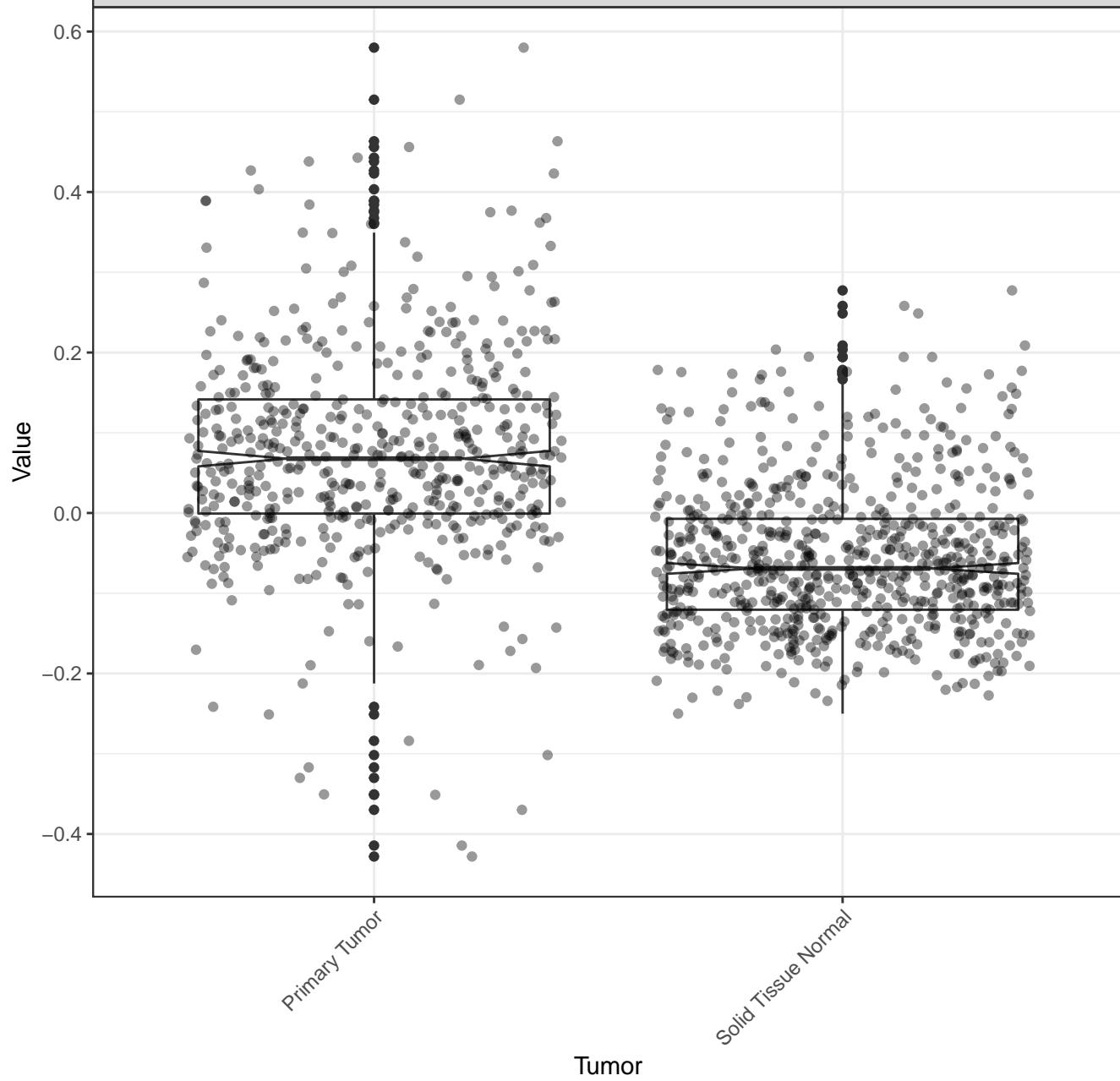
### 380,IRIS\_DendriticCell-LPSstimulated

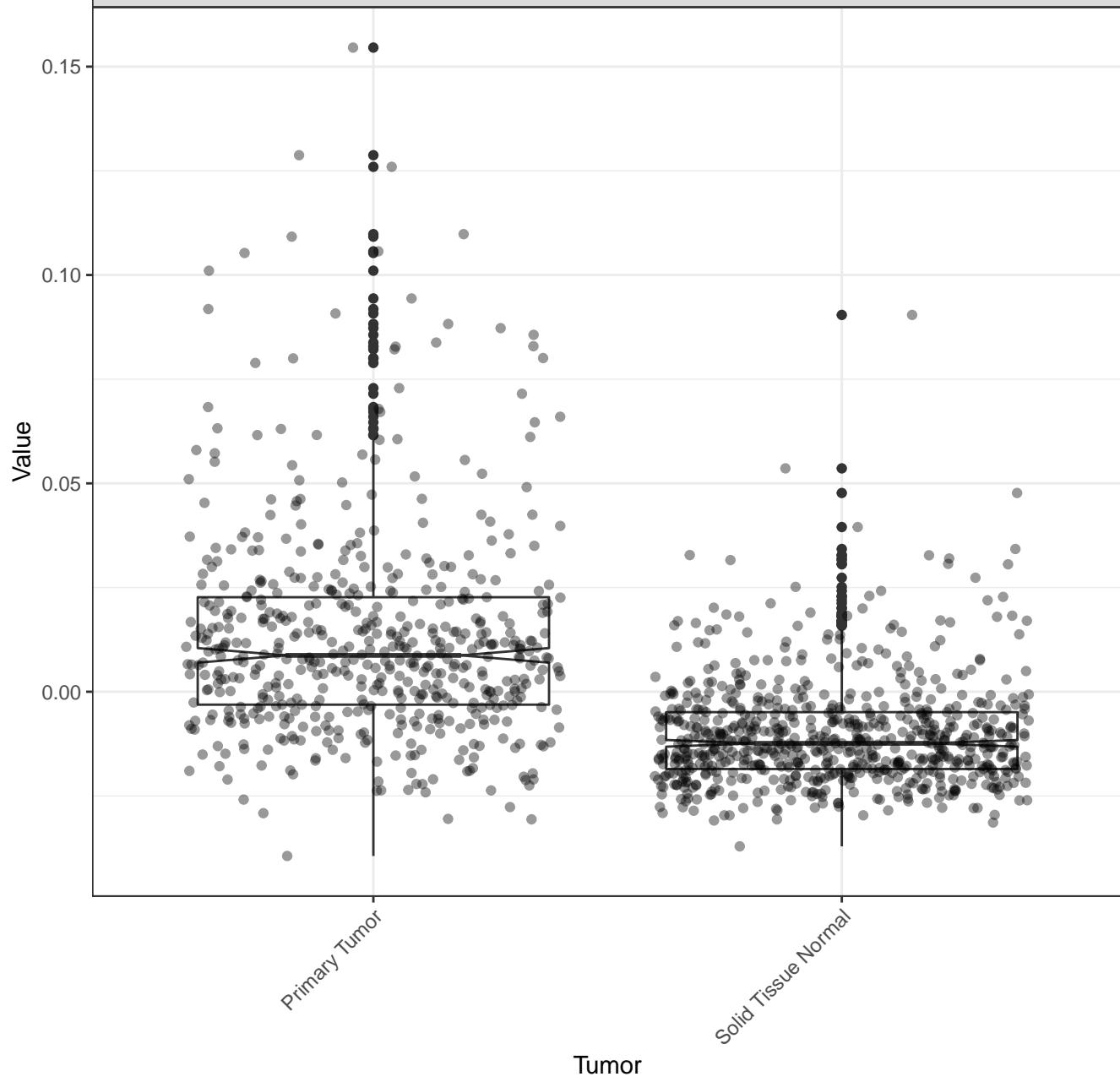


## 381,MIPS\_C\_COMPLEX\_SPliceosome

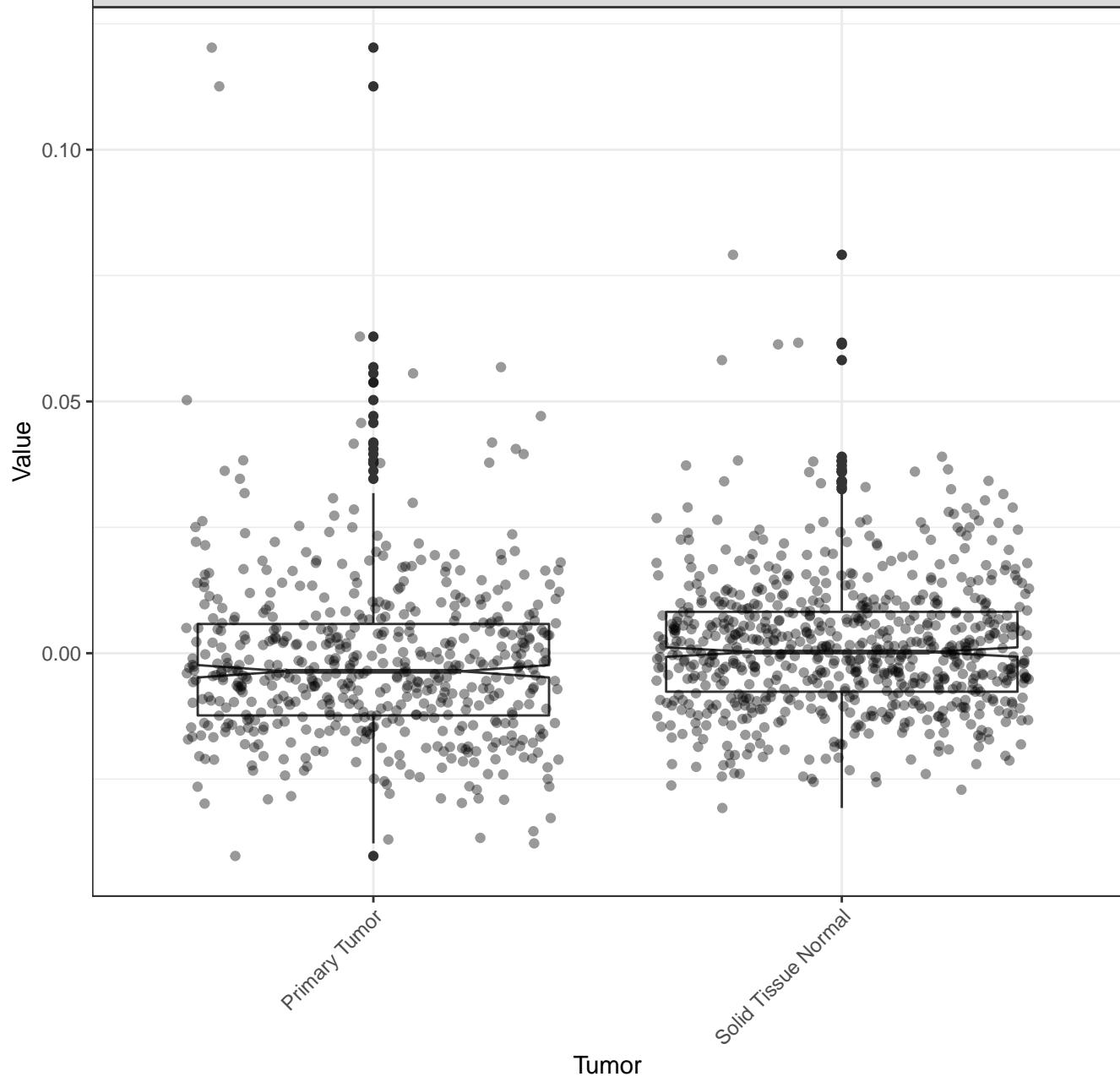


## 382,REACTOME\_TRNA\_AMINOACYLATION





## 384,PID\_INTEGRIN1\_PATHWAY



LV 385

Value

0.10

0.05

0.00

-0.05

Primary Tumor

Solid Tissue Normal

Tumor

